

## **Supplemental Material to:**

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**In silico prediction of tumor antigens derived from  
functional missense mutations of the cancer gene census**

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**Table S1. List of all genes and mutations from the Cancer Gene Census analyzed in the present study.**



GeneSymbol AA Location Mutation

ABL1	105	A105T
ABL1	47	R047G
ABL1	166	R166K
ABL1	237	M237I
ABL1	244	M244V
ABL1	248	L248V
ABL1	250	G250E
ABL1	251	G251D
ABL1	252	Q252E
ABL1	252	Q252H
ABL1	252	Q252R
ABL1	253	Y253F
ABL1	253	Y253H
ABL1	255	E255K
ABL1	255	E255V
ABL1	273	L273M
ABL1	276	D276G
ABL1	279	E279K
ABL1	279	E279Y
ABL1	279	E279Z
ABL1	282	E282G
ABL1	292	E292V
ABL1	298	L298V
ABL1	299	V299L
ABL1	304	V304G
ABL1	305	C305R
ABL1	311	F311I
ABL1	311	F311L
ABL1	315	T315I
ABL1	315	T315N
ABL1	317	F317L
ABL1	321	G321E
ABL1	325	D325D
ABL1	328	R328M
ABL1	330	C330G
ABL1	339	V339L
ABL1	343	M343T
ABL1	351	M351T
ABL1	352	E352D
ABL1	352	E352G
ABL1	353	Y353H
ABL1	355	E355A

ABL1	355 E355G
ABL1	359 F359A
ABL1	359 F359C
ABL1	359 F359I
ABL1	359 F359V
ABL1	360 I360S
ABL1	364 L364I
ABL1	370 L370R
ABL1	371 V371A
ABL1	373 E373G
ABL1	374 N374Y
ABL1	379 V379I
ABL1	382 F382L
ABL1	384 L384M
ABL1	387 L387M
ABL1	388 M388L
ABL1	389 T389A
ABL1	396 H396P
ABL1	396 H396R
ABL1	397 A397P
ABL1	417 S417Y
ABL1	418 I418V
ABL1	433 A433T
ABL1	450 E450A
ABL1	450 E450G
ABL1	450 E450K
ABL1	453 E453D
ABL1	453 E453K
ABL1	453 E453L
ABL1	459 E459G
ABL1	459 E459K
ABL1	459 E459Q
ABL1	480 P480L
ABL1	482 D482V
ABL1	486 F486S
ABL1	495 T495R
ABL1	732 R732S
ABL1	806 P806L
ABL1	984 T984T
ABL2	190 A190T
ABL2	451 P451L
ABL2	483 R483I
ABL2	63 E63Q

ABL2	717 T717A
AFF1	1204 Q1204K
AFF3	1117 D1117H
AFF3	220 T220I
AFF3	670 V670M
AFF4	178 S178C
AFF4	539 G539E
AFF4	757 S757T
AKAP9	1174 Q1174H
AKAP9	1343 L1343F
AKAP9	1742 R1742K
AKAP9	2325 D2325H
AKAP9	2421 M2421I
AKAP9	2657 E2657D
AKAP9	2724 A2724T
AKAP9	2748 V2748F
AKAP9	3301 E3301Q
AKT1	17 E17K
AKT1	32 D32Y
AKT1	35 F35L
AKT1	39 K39N
AKT1	42 P42T
AKT1	49 E49K
ALK	1061 R1061Q
ALK	1062 K1062M
ALK	1091 D1091N
ALK	1135 V1135E
ALK	1166 M1166R
ALK	1168 A1168P
ALK	1171 I1171N
ALK	1174 F1174C
ALK	1174 F1174I
ALK	1174 F1174L
ALK	1174 F1174S
ALK	1174 F1174V
ALK	1234 A1234T
ALK	1245 F1245C
ALK	1245 F1245I
ALK	1245 F1245L
ALK	1245 F1245V
ALK	1275 R1275L
ALK	1275 R1275Q
ALK	1278 Y1278S

ALK	225 S225R
ALK	401 R401Q
ALK	496 P496L
ALK	542 P542R
ALK	560 L560F
ALK	631 S631I
ALK	757 V757M
ALK	877 A877S
APC	1027 Y1027C
APC	1081 S1081I
APC	1102 Y1102H
APC	1120 G1120E
APC	1129 L1129S
APC	117 S117L
APC	1171 R1171H
APC	1197 F1197S
APC	1202 S1202C
APC	1209 E1209V
APC	1254 I1254F
APC	1259 I1259T
APC	1278 S1278P
APC	1284 E1284K
APC	1296 A1296V
APC	1297 D1297A
APC	130 S130G
APC	1301 T1301S
APC	1305 A1305G
APC	1306 E1306K
APC	1307 I1307K
APC	1308 K1308E
APC	1309 E1309K
APC	1312 G1312E
APC	1313 T1313A
APC	1314 R1314K
APC	1315 S1315L
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APC	1319 P1319L
APC	1319 P1319T
APC	1321 S1321N
APC	1321 S1321R
APC	1323 V1323I
APC	1326 V1326A
APC	1326 V1326M

APC	1339 G1339A
APC	1341 S1341R
APC	1346 S1346P
APC	1352 V1352I
APC	1353 E1353V
APC	1354 F1354L
APC	1355 S1355P
APC	1357 G1357R
APC	1358 A1358E
APC	1360 S1360F
APC	1361 P1361L
APC	1362 S1362F
APC	1364 S1364R
APC	1365 G1365D
APC	1366 A1366V
APC	1367 Q1367H
APC	1368 T1368I
APC	1369 P1369H
APC	1373 P1373S
APC	1373 P1373T
APC	1374 E1374K
APC	1375 H1375Y
APC	1389 S1389F
APC	1393 L1393P
APC	1395 S1395C
APC	1398 S1398N
APC	1398 S1398T
APC	141 R141S
APC	1414 V1414I
APC	1416 G1416D
APC	1420 P1420L
APC	1422 D1422H
APC	1422 D1422N
APC	1425 D1425A
APC	1429 Q1429R
APC	1431 M1431R
APC	1432 P1432H
APC	1434 S1434I
APC	1439 P1439L
APC	1453 P1453S
APC	1454 K1454E
APC	1463 R1463S
APC	1464 E1464D

APC	1464 E1464K
APC	1465 S1465R
APC	1466 G1466E
APC	1466 G1466R
APC	1470 A1470T
APC	1472 V1472I
APC	1475 A1475V
APC	1477 Q1477H
APC	1482 L1482F
APC	1488 L1488F
APC	1490 H1490Y
APC	1491 F1491L
APC	1495 S1495G
APC	1499 G1499R
APC	1508 A1508V
APC	1534 G1534R
APC	1537 T1537K
APC	1599 S1599L
APC	1609 P1609L
APC	1842 S1842L
APC	2540 P2540S
APC	2570 S2570L
APC	2631 S2631F
APC	380 R380P
APC	409 L409V
APC	464 H464Q
APC	465 A465S
APC	53 G53V
APC	593 W593L
APC	66 I66L
APC	662 L662V
APC	67 D67H
APC	771 E771G
APC	798 D798G
APC	813 N813S
APC	817 G817C
APC	852 L852M
APC	865 P865S
APC	880 I880T
APC	890 V890I
APC	906 S906Y
APC	911 E911G
APC	942 N942D

APC	966 S966R
ARID1A	1020 R1020K
ARID1A	1129 K1129T
ARID1A	1389 Y1389H
ARID1A	1413 A1413V
ARID1A	16 P16S
ARID1A	1985 S1985P
ARID1A	2066 N2066D
ARID1A	2089 L2089P
ARID1A	414 G414E
ARNT	607 P607S
ASXL1	1102 E1102D
ASXL1	1322 P1322R
ASXL1	1376 G1376D
ASXL1	1395 L1395V
ASXL1	811 N811D
ATIC	34 S34F
ATIC	384 L384F
ATM	1 M1L
ATM	1040 M1040V
ATM	1054 P1054R
ATM	1086 R1086L
ATM	1128 Q1128R
ATM	1179 S1179F
ATM	1208 D1208H
ATM	126 D126E
ATM	1309 A1309T
ATM	1322 L1322I
ATM	1322 L1322P
ATM	138 G138R
ATM	1380 H1380Y
ATM	1407 I1407S
ATM	1407 I1407T
ATM	1454 K1454N
ATM	1463 F1463L
ATM	1463 F1463S
ATM	1469 I1469M
ATM	1472 L1472F
ATM	1475 Y1475C
ATM	1681 I1681V
ATM	1682 D1682H
ATM	1682 D1682Y
ATM	1739 N1739T

ATM	1742 A1742P
ATM	1743 T1743I
ATM	1801 N1801Y
ATM	1853 D1853N
ATM	1853 D1853V
ATM	1905 S1905L
ATM	1910 L1910H
ATM	1916 M1916I
ATM	1939 L1939V
ATM	1941 V1941L
ATM	1945 A1945T
ATM	1953 T1953R
ATM	1961 Y1961C
ATM	1991 E1991D
ATM	1994 K1994E
ATM	2004 L2004R
ATM	2019 Y2019S
ATM	2023 G2023R
ATM	2063 G2063E
ATM	207 S207C
ATM	2076 I2076S
ATM	2164 E2164K
ATM	2263 R2263S
ATM	2274 A2274T
ATM	23 R23Q
ATM	2349 C2349W
ATM	2356 I2356F
ATM	2375 S2375I
ATM	2394 S2394L
ATM	2396 T2396S
ATM	2408 S2408L
ATM	2417 L2417P
ATM	2420 A2420P
ATM	2423 E2423G
ATM	2423 E2423K
ATM	2424 V2424G
ATM	2427 L2427R
ATM	2438 T2438K
ATM	2442 Q2442P
ATM	2443 R2443Q
ATM	2445 L2445P
ATM	245 V245A
ATM	2453 R2453P



ATM	2486 R2486G
ATM	2616 M2616I
ATM	2622 A2622V
ATM	2666 T2666A
ATM	2695 G2695A
ATM	2699 P2699R
ATM	2708 D2708N
ATM	2713 R2713K
ATM	2717 K2717M
ATM	2722 L2722R
ATM	2725 D2725G
ATM	2725 D2725V
ATM	2732 F2732L
ATM	2832 R2832C
ATM	2842 P2842R
ATM	2859 S2859F
ATM	2867 G2867E
ATM	2872 H2872Q
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ATM	2890 L2890V
ATM	2912 R2912K
ATM	2925 G2925D
ATM	2925 G2925V
ATM	2947 T2947S
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ATM	3006 A3006P
ATM	3006 A3006V
ATM	3008 R3008C
ATM	3008 R3008H
ATM	3017 L3017P
ATM	3018 K3018N
ATM	3051 G3051V
ATM	332 Y332C
ATM	337 R337C
ATM	337 R337H
ATM	337 R337S
ATM	350 A350T
ATM	352 I352T
ATM	410 V410A
ATM	540 C540Y
ATM	570 F570S
ATM	604 P604S
ATM	707 S707P

ATM	717 R717W
ATM	747 Q747H
ATM	750 N750K
ATM	848 E848Q
ATM	858 F858L
ATM	978 S978P
ATM	996 H996Q
BAP1	128 G128R
BAP1	169 H169Q
BAP1	172 S172R
BAP1	227 R227C
BAP1	672 D672G
BAP1	91 C91W
BCAR3	197 Q197E
BCAR3	404 P404S
BCL11A	142 S142F
BCL11A	188 H188Y
BCL11A	189 A189T
BCL11A	305 P305S
BCL11A	390 S390N
BCL11A	514 G514S
BCL11A	554 S554F
BCL11A	740 R740C
BCL11B	402 P402S
BCL11B	66 P66H
BCL2	85 A85T
BCL3	145 R145W
BCL3	420 P420A
BCL6	159 G159S
BCL6	293 Y293F
BCL6	359 S359F
BCL9	587 L587V
BCR	138 A138T
BCR	400 S400P
BCR	426 A426E
BCR	451 D451N
BIRC3	248 S248C
BIRC3	297 G297D
BIRC3	536 T536R
BLM	1279 I1279V
BLM	830 T830M
BLM	85 R85S
BMPR1A	486 R486Q

BMPR1A	520 T520M
BMPR1A	58 F58Y
BRAF	201 Q201H
BRAF	310 T310I
BRAF	326 I326T
BRAF	421 G421V
BRAF	439 K439Q
BRAF	439 K439T
BRAF	440 T440P
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BRAF	444 R444Q
BRAF	444 R444W
BRAF	453 P453T
BRAF	459 V459L
BRAF	462 R462I
BRAF	463 I463S
BRAF	464 G464E
BRAF	464 G464R
BRAF	464 G464V
BRAF	466 G466A
BRAF	466 G466E
BRAF	466 G466R
BRAF	466 G466V
BRAF	467 S467L
BRAF	468 F468C
BRAF	468 F468S
BRAF	469 G469A
BRAF	469 G469E
BRAF	469 G469R
BRAF	469 G469S
BRAF	469 G469V
BRAF	471 V471F
BRAF	472 Y472S
BRAF	475 K475M
BRAF	485 L485F
BRAF	529 T529A
BRAF	581 N581I
BRAF	581 N581S
BRAF	581 N581Y
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BRAF	587 D587A

BRAF	587 D587E
BRAF	587 D587N
BRAF	588 L588P
BRAF	588 L588R
BRAF	589 T589I
BRAF	590 V590I
BRAF	591 K591R
BRAF	592 I592M
BRAF	592 I592V
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BRAF	594 D594V
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BRAF	595 F595S
BRAF	596 G596D
BRAF	596 G596R
BRAF	596 G596S
BRAF	597 L597Q
BRAF	597 L597R
BRAF	597 L597S
BRAF	597 L597V
BRAF	598 A598T
BRAF	598 A598V
BRAF	599 T599I
BRAF	600 V600A
BRAF	600 V600D
BRAF	600 V600E
BRAF	600 V600G
BRAF	600 V600K
BRAF	600 V600L
BRAF	600 V600M
BRAF	600 V600R
BRAF	601 K601E
BRAF	601 K601I
BRAF	601 K601L
BRAF	601 K601N
BRAF	601 K601Q
BRAF	602 S602Y
BRAF	604 W604G
BRAF	604 W604S

BRAF	605 S605F
BRAF	605 S605G
BRAF	605 S605N
BRAF	605 S605R
BRAF	606 G606E
BRAF	606 G606L
BRAF	606 G606R
BRAF	607 S607P
BRAF	608 H608L
BRAF	608 H608R
BRAF	609 Q609R
BRAF	610 F610S
BRAF	611 E611D
BRAF	612 Q612E
BRAF	614 S614P
BRAF	615 G615R
BRAF	616 S616F
BRAF	616 S616P
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BRAF	618 L618S
BRAF	618 L618W
BRAF	619 W619R
BRAF	636 Q636E
BRAF	682 R682Q
BRCA1	1077 G1077W
BRCA1	114 S114T
BRCA1	1140 S1140G
BRCA1	30 L30F
BRCA1	47 C47W
BRCA1	758 L758F
BRCA1	778 G778C
BRCA2	1017 I1017S
BRCA2	1143 E1143D
BRCA2	1354 T1354M
BRCA2	1638 K1638E
BRCA2	18 R18H
BRCA2	187 E187K
BRCA2	1988 V1988I
BRCA2	2004 E2004Q
BRCA2	2415 H2415N
BRCA2	2678 R2678S
BRCA2	2787 R2787H
BRCA2	2842 R2842C

BRCA2	3095 D3095E
BRCA2	3103 I3103M
BRCA2	3357 T3357R
BRCA2	355 V355L
BRCA2	630 T630I
BRCA2	920 P920S
BRD3	161 A161T
BRD3	36 T36N
BRD4	125 C125Y
BRD4_ENST0	125 C125Y
BRIP1	650 T650I
BUB1B	931 R931W
C15orf55	354 P354S
C15orf55	720 P720T
CARD11	184 N184S
CARD11	458 A458D
CARD11	711 C711G
CARS	268 V268L
CARS	626 G626V
CBFA2T3	306 R306H
CBFA2T3	518 E518K
CBFA2T3	534 A534V
CBFB	100 P100A
CBL	249 Q249E
CBL	287 K287R
CBL	366 E366K
CBL	371 Y371C
CBL	371 Y371D
CBL	371 Y371H
CBL	375 G375P
CBL	375 G375S
CBL	376 S376F
CBL	380 L380P
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CBL	381 C381Y
CBL	382 K382E
CBL	384 C384R
CBL	384 C384Y
CBL	391 V391I
CBL	396 C396G
CBL	396 C396R
CBL	396 C396Y
CBL	398 H398Y

CBL	401 C401S
CBL	404 C404R
CBL	404 C404S
CBL	404 C404Y
CBL	408 W408C
CBL	408 W408R
CBL	415 G415V
CBL	416 C416Y
CBL	417 P417A
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CBL	418 F418S
CBL	419 C419R
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CBL	420 R420L
CBL	420 R420P
CBL	420 R420Q
CBL	428 P428L
CBL	454 N454D
CBL	499 R499L
CBL	80 S80N
CBL	830 R830K
CBL	848 A848T
CBL	94 H94Y
CBLB	244 G244C
CBLB	509 P509S
CBLB	619 I619M
CBLB	759 D759E
CBLC	444 P444L
CCDC6	217 L217P
CCDC6	226 A226S
CCDC6	442 P442S
CCNB1IP1	168 N168K
CCND2	262 R262L
CD79A	161 T161M
CDC73	2 A2S
CDC73	295 Q295E
CDC73	369 T369N
CDC73	95 L95P
CDH1	121 H121R
CDH1	123 H123Y
CDH1	193 T193P

CDH1	233 H233Q
CDH1	245 P245L
CDH1	254 D254Y
CDH1	257 D257G
CDH1	260 P260L
CDH1	282 M282I
CDH1	286 A286T
CDH1	295 T295I
CDH1	298 A298D
CDH1	30 P30T
CDH1	300 I300M
CDH1	308 D308N
CDH1	309 P309S
CDH1	315 N315S
CDH1	316 M316V
CDH1	330 T330I
CDH1	334 D334H
CDH1	340 T340A
CDH1	340 T340M
CDH1	347 A347V
CDH1	357 T357I
CDH1	365 V365L
CDH1	369 N369D
CDH1	370 D370A
CDH1	370 D370H
CDH1	400 D400Y
CDH1	402 D402N
CDH1	428 N428D
CDH1	456 V456M
CDH1	463 E463Q
CDH1	473 V473D
CDH1	479 D479G
CDH1	522 T522I
CDH1	559 S559N
CDH1	571 G571S
CDH1	581 L581P
CDH1	592 A592T
CDH1	598 R598Q
CDH1	600 I600M
CDH1	617 A617T
CDH1	62 G62D
CDH1	634 A634V
CDH1	692 A692V



CDH1	709 A709T
CDH1	711 L711V
CDH1	740 P740S
CDH1	774 R774K
CDH1	838 S838G
CDH1	846 S846T
CDH1	851 S851L
CDH1	92 H92Y
CDH11	103 I103V
CDH11	226 R226W
CDH11	380 P380H
CDH11	473 P473R
CDH11	489 A489S
CDH11	646 E646D
CDH11	684 P684S
CDH11	710 P710S
CDK6	199 P199L
CDKN2A	100 A100P
CDKN2A	100 A100S
CDKN2A	100 A100V
CDKN2A	101 G101W
CDKN2A	102 A102E
CDKN2A	102 A102P
CDKN2A	102 A102T
CDKN2A	102 A102V
CDKN2A	103 R103Q
CDKN2A	105 D105E
CDKN2A	105 D105N
CDKN2A	105 D105V
CDKN2A	106 V106M
CDKN2A	107 R107C
CDKN2A	108 D108H
CDKN2A	108 D108N
CDKN2A	108 D108Y
CDKN2A	109 A109T
CDKN2A	109 A109V
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CDKN2A	110 W110C
CDKN2A	111 G111D
CDKN2A	112 R112G
CDKN2A	112 R112P
CDKN2A	112 R112S
CDKN2A	113 L113M

CDKN2A	113 L113P
CDKN2A	114 P114H
CDKN2A	114 P114L
CDKN2A	114 P114S
CDKN2A	115 V115E
CDKN2A	115 V115L
CDKN2A	116 D116N
CDKN2A	116 D116V
CDKN2A	116 D116Y
CDKN2A	118 A118V
CDKN2A	119 E119Q
CDKN2A	120 E120A
CDKN2A	120 E120K
CDKN2A	122 G122D
CDKN2A	122 G122S
CDKN2A	123 H123Q
CDKN2A	124 R124H
CDKN2A	125 D125E
CDKN2A	125 D125N
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CDKN2A	126 V126I
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CDKN2A	128 R128Q
CDKN2A	128 R128W
CDKN2A	129 Y129C
CDKN2A	129 Y129H
CDKN2A	130 L130P
CDKN2A	130 L130Q
CDKN2A	130 L130R
CDKN2A	131 R131C
CDKN2A	131 R131H
CDKN2A	131 R131L
CDKN2A	132 A132P
CDKN2A	132 A132V
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CDKN2A	135 G135A
CDKN2A	135 G135E
CDKN2A	136 G136D
CDKN2A	136 G136S
CDKN2A	137 T137A
CDKN2A	137 T137I
CDKN2A	137 T137P

CDKN2A	138 R138I
CDKN2A	138 R138T
CDKN2A	139 G139D
CDKN2A	14 D14E
CDKN2A	14 D14V
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MLH1	158 N158H
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MLH1	2 S2L
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MLH1	244 G244V
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MYH9	810 K810N
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TP53	233 H233Y
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TP53	234 Y234N
TP53	234 Y234S
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TP53	254 I254D
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TP53	255 I255T
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TP53	263 N263I
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TP53	270 F270V
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TP53	271 E271Q
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TP53	272 V272G
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TP53	272 V272M
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TP53	275 C275W
TP53	275 C275Y
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TP53	276 A276P
TP53	276 A276S
TP53	276 A276T
TP53	276 A276V
TP53	277 C277F
TP53	277 C277G
TP53	277 C277R
TP53	277 C277S
TP53	277 C277W
TP53	277 C277Y
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TP53	278 P278F
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TP53	278 P278L

TP53	278 P278R
TP53	278 P278S
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TP53	279 G279V
TP53	279 G279W
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TP53	288 N288D
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TP53	310 N310T

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TP53	311 N311K
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TP53	312 T312I
TP53	312 T312S
TP53	313 S313C
TP53	313 S313N
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TP53	323 L323M
TP53	323 L323P
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TP53	33 S33T
TP53	330 L330H
TP53	330 L330P
TP53	330 L330R
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TP53	331 Q331R
TP53	332 I332V
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TP53	334 G334W
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TP53	337 R337C
TP53	337 R337H
TP53	337 R337L
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TP53	339 E339K
TP53	339 E339Q
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TP53	354 Q354R
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TP53	5 Q5H
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TP53	53 W53C
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TP53	56 E56V
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TP53	68 E68Q
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TP53	69 A69V
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TP53	77 P77A

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TP53	82 P82L
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TP53	84 A84G
TP53	84 A84V
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TP53	89 P89S
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TP53	93 L93M
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TP53	99 S99F
TP53	99 S99P
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TPM4	204 E204Q
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TPR	500 Q500L
TPR	792 L792F
TPR	878 K878E
TRIM33	127 V127M
TRIM33	272 R272H
TRIM33	580 M580I
TRIM33	603 P603S
TRIM33	604 R604S
TRIM33	719 P719S

TRIM33	811 E811K
TRIM33	885 P885S
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TRIP11	1213 K1213N
TRIP11	1557 Q1557K
TRIP11	1694 E1694K
TRIP11	1844 P1844R
TRIP11	1970 G1970E
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TRIP11	348 E348K
TRIP11	539 E539A
TRIP11	546 L546F
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TSC1	204 R204L
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TSC1	47 D47G
TSC1	590 P590S
TSC1	65 Q65E
TSC1	804 R804T
TSC2	1029 M1029I
TSC2	1141 A1141T
TSC2	1289 R1289S
TSC2	1608 Y1608D
TSC2	1629 D1629N
TSC2	1711 V1711M
TSC2	223 D223N
TSC2	45 L45M
TSC2	472 V472M
TSC2	641 S641R
TSC2	841 V841I
TSHR	281 S281I
TSHR	281 S281N
TSHR	281 S281T
TSHR	312 R312T
TSHR	336 G336E
TSHR	339 E339K
TSHR	382 D382H
TSHR	395 D395N
TSHR	425 S425I
TSHR	428 A428V
TSHR	431 G431S
TSHR	453 M453T
TSHR	463 M463V

TSHR	486 I486F
TSHR	486 I486M
TSHR	486 I486N
TSHR	505 S505N
TSHR	512 L512Q
TSHR	512 L512R
TSHR	519 R519S
TSHR	568 I568F
TSHR	568 I568T
TSHR	593 A593N
TSHR	597 V597F
TSHR	597 V597L
TSHR	6 L6F
TSHR	619 D619G
TSHR	623 A623F
TSHR	623 A623I
TSHR	623 A623S
TSHR	623 A623V
TSHR	627 A627V
TSHR	629 L629F
TSHR	630 I630L
TSHR	631 F631C
TSHR	631 F631I
TSHR	631 F631L
TSHR	631 F631V
TSHR	632 T632A
TSHR	632 T632I
TSHR	633 D633E
TSHR	633 D633H
TSHR	633 D633Y
TSHR	635 I635V
TSHR	639 P639A
TSHR	639 P639S
TSHR	640 I640K
TSHR	656 V656F
TSHR	656 V656I
TSHR	666 F666L
TSHR	677 L677V
TTL	91 C91F
TTLL6_ENSTC	232 R232K
USP6	17 D17N
USP6	456 R456W
USP6	678 V678A



USP6	89 H89N
WAS	417 P417S
WHSC1L1	275 W275S
WHSC1L1	482 S482P
WHSC1L1	514 G514E
WHSC1L1	637 S637F
WRN	1230 T1230S
WRN	1312 V1312F
WRN	211 L211V
WRN	469 E469G
WRN	511 D511N
WRN	602 M602K
WRN	631 I631M
WRN	92 G92V
WRN	999 R999C
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WT1	154 F154S
WT1	181 P181S
WT1	201 G201D
WT1	223 S223T
WT1	262 E262A
WT1	266 N266S
WT1	273 S273G
WT1	282 C282R
WT1	286 Y286C
WT1	299 D299Y
WT1	302 R302H
WT1	31 A31V
WT1	312 R312G
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WT1	333 R333K
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WT1	338 S338Y
WT1	346 K346R
WT1	366 R366C
WT1	371 K371R
WT1	373 H373Y
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WT1	385 C385Y
WT1	388 C388Y

WT1	390 R390P
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WT1	396 D396H
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WT1	397 H397D
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XPC	121 D121E
XPC	387 K387T
XPC	742 Q742E
XPC	757 G757R
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ZBTB16	425 L425Q
ZBTB16	510 E510K
ZBTB16	649 M649I
ZMYM2	1026 V1026I
ZMYM2	32 G32R
ZMYM2	455 R455T
ZMYM2	495 C495F
ZMYM2	964 T964A
ZNF331	183 G183W
ZNF331	193 G193E
ZNF331	7 T7M
ZNF331	79 L79F
ZNF384	269 S269F
ZNF384	433 A433T
ZNF384	468 Q468R
ZNF521	1175 T1175M
ZNF521	1203 V1203A
ZNF521	1212 V1212L
ZNF521	267 E267Q
ZNF521	729 E729K
ZNF521	748 E748K
ZNF521	750 K750E
ZNF521	805 H805Q
ZNF521	967 R967Q

**Table S2. Table of mutated peptides from the Cancer Gene Census with binding affinity <500 nM for all MHC class I alleles examined and the corresponding wild-type peptide.**

>ABI1-A105T ARREIGIL	493	>ABI1-A105T TRREIGIL	1541	1048
>ABI1-A105T ARREIGILTT	334	>ABI1-A105T TRREIGILTT	774	440
>ABI1-A105T ARREIGILTT	427	>ABI1-A105T TRREIGILTT	392	35
>ABI1-A105T VARREIGI	493	>ABI1-A105T VTRREIGI	84	409
>ABI1-A105T VARREIGIL	1578	>ABI1-A105T VTRREIGIL	257	1321
>ABI1-A105T VARREIGI	906	>ABI1-A105T VTRREIGI	71	835
>ABI1-A105T VARREIGIL	1553	>ABI1-A105T VTRREIGIL	83	1470
>ABI1-A105T VARREIGIL	2085	>ABI1-A105T VTRREIGIL	95	1990
>ABI1-A105T VARREIGI	2345	>ABI1-A105T VTRREIGI	486	1859
>ABI1-A105T KVARREIGI	505	>ABI1-A105T KVTRREIGI	411	94
>ABI1-A105T KVARREIGI	318	>ABI1-A105T KVTRREIGI	610	292
>ABI1-A105T KEKVARREI	37	>ABI1-A105T KEKVTRREI	34	3
>ABI1-A105T KEKVARREIG	145	>ABI1-A105T KEKVTRREIGI	148	3
>ABI1-A105T KEKVARREI	97	>ABI1-A105T KEKVTRREI	124	27
>ABI1-A105T KEKVARREIG	297	>ABI1-A105T KEKVTRREIGI	367	70
>ABI1-A105T KEKVARREI	28	>ABI1-A105T KEKVTRREI	49	21
>ABI1-A105T KEKVARREIG	19	>ABI1-A105T KEKVTRREIGI	25	6
>ABI1-A105T HKEKVARREI	298	>ABI1-A105T HKEKVTRREI	227	71
>ABI1-A105T DIHKEKVAR	122	>ABI1-A105T DIHKEKVTR	212	90
>ABI1-A105T DIHKEKVAR	90	>ABI1-A105T DIHKEKVTR	76	14
>ABI1-A105T DIHKEKVAR	348	>ABI1-A105T DIHKEKVTR	292	56
>ABI1-A105T TVDIHKEKVA	163	>ABI1-A105T TVDIHKEKVTI	158	5
>ABL1-A397F AGAKFPIKW	258	>ABL1-A397F PGAKFPIKW	1619	1361
>ABL1-A397F AGAKFPIKW	216	>ABL1-A397F PGAKFPIKW	4735	4519
>ABL1-A397F AGAKFPIK	159	>ABL1-A397F PGAKFPIK	4117	3958
>ABL1-A397F HAGAKFPIK	76	>ABL1-A397F HPGAKFPIK	12539	12463
>ABL1-A397F HAGAKFPI	459	>ABL1-A397F HPGAKFPI	10873	10414
>ABL1-A397F HAGAKFPI	381	>ABL1-A397F HPGAKFPI	1487	1106
>ABL1-A397F HAGAKFPI	11941	>ABL1-A397F HPGAKFPI	61	11880
>ABL1-A397F HAGAKFPIKM	306	>ABL1-A397F HPGAKFPIKM	10489	10183
>ABL1-A397F HAGAKFPI	5673	>ABL1-A397F HPGAKFPI	312	5361
>ABL1-A397F HAGAKFPIKM	77	>ABL1-A397F HPGAKFPIKM	8130	8053
>ABL1-A397F HAGAKFPIKM	32	>ABL1-A397F HPGAKFPIKM	8173	8141
>ABL1-A397F HAGAKFPIKM	2347	>ABL1-A397F HPGAKFPIKM	53	2294
>ABL1-A397F LMTGDYTAI	98	>ABL1-A397F LMTGDYTAI	17982	17884
>ABL1-A397F LMTGDYTAI	20	>ABL1-A397F LMTGDYTAI	1360	1340
>ABL1-A397F LMTGDYTAI	19	>ABL1-A397F LMTGDYTAI	7562	7543
>ABL1-A397F LMTGDYTAI	69	>ABL1-A397F LMTGDYTAI	7561	7492
>ABL1-A397F LMTGDYTAI	31	>ABL1-A397F LMTGDYTAI	5084	5053
>ABL1-A397F LMTGDYTAI	24	>ABL1-A397F LMTGDYTAI	6851	6827
>ABL1-A397F LMTGDYTAI	43	>ABL1-A397F LMTGDYTAI	9735	9692
>ABL1-A397F LMTGDYTAI	77	>ABL1-A397F LMTGDYTAI	14464	14387
>ABL1-A397F LMTGDYTAI	4	>ABL1-A397F LMTGDYTAI	1506	1502

>ABL1-A397FAHAGAKFPI	79	>ABL1-A397FAHPGAKFPI	1998	1919
>ABL1-A397FAHAGAKFPIK	71	>ABL1-A397FAHPGAKFPIK	360	289
>ABL1-A397FTAHAGAKFPI	141	>ABL1-A397FTAHPGAKFPI	164	23
>ABL1-A397FTAHAGAKFPI	434	>ABL1-A397FTAHPGAKFPI	435	1
>ABL1-A397FTAHAGAKFPI	21	>ABL1-A397FTAHPGAKFPI	22	1
>ABL1-A397FTAHAGAKFPI	204	>ABL1-A397FTAHPGAKFPI	297	93
>ABL1-A397FTAHAGAKFPI	433	>ABL1-A397FTAHPGAKFPI	551	118
>ABL1-A397FTAHAGAKF	416	>ABL1-A397FTAHPGAKF	297	119
>ABL1-A397FTAHAGAKF	11	>ABL1-A397FTAHPGAKF	5	6
>ABL1-A397FTAHAGAKFPI	896	>ABL1-A397FTAHPGAKFPI	262	634
>ABL1-A397FYTAHAGAKFF	184	>ABL1-A397FYTAHPGAKFF	324	140
>ABL1-A397FYTAHAGAKFF	62	>ABL1-A397FYTAHPGAKFF	197	135
>ABL1-A397FYTAHAGAKFF	134	>ABL1-A397FYTAHPGAKFF	263	129
>ABL1-A397FYTAHAGAKFF	25	>ABL1-A397FYTAHPGAKFF	45	20
>ABL1-A397FYTAHAGAKFF	225	>ABL1-A397FYTAHPGAKFF	102	123
>ABL1-A397FYTAHAGAKFF	393	>ABL1-A397FYTAHPGAKFF	632	239
>ABL1-A397FYTAHAGAK	347	>ABL1-A397FYTAHPGAK	241	106
>ABL1-A397FYTAHAGAK	166	>ABL1-A397FYTAHPGAK	134	32
>ABL1-A397FYTAHAGAKF	263	>ABL1-A397FYTAHPGAKF	1047	784
>ABL1-A397FYTAHAGAKF	112	>ABL1-A397FYTAHPGAKF	271	159
>ABL1-A397FYTAHAGAKF	52	>ABL1-A397FYTAHPGAKF	28	24
>ABL1-A397FYTAHAGAKF	253	>ABL1-A397FYTAHPGAKF	237	16
>ABL1-A397FYTAHAGAK	8	>ABL1-A397FYTAHPGAK	17	9
>ABL1-A397FYTAHAGAKFF	6	>ABL1-A397FYTAHPGAKFF	6	0
>ABL1-A397FYTAHAGAKFF	13	>ABL1-A397FYTAHPGAKFF	11	2
>ABL1-A397FYTAHAGAKF	72	>ABL1-A397FYTAHPGAKF	122	50
>ABL1-A397FYTAHAGAKF	238	>ABL1-A397FYTAHPGAKF	83	155
>ABL1-A397FYTAHAGAKF	41	>ABL1-A397FYTAHPGAKF	33	8
>ABL1-A397FYTAHAGAKF	3	>ABL1-A397FYTAHPGAKF	3	0
>ABL1-A397FYTAHAGAKFF	14	>ABL1-A397FYTAHPGAKFF	14	0
>ABL1-A397FYTAHAGAKF	211	>ABL1-A397FYTAHPGAKF	732	521
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>ABL1-A397FYTAHAGAKFF	60	>ABL1-A397FYTAHPGAKFF	64	4
>ABL1-A397FYTAHAGAKF	8	>ABL1-A397FYTAHPGAKF	4	4
>ABL1-A397FYTAHAGAKFF	437	>ABL1-A397FYTAHPGAKFF	228	209
>ABL1-A397FYTAHAGAKF	214	>ABL1-A397FYTAHPGAKF	1009	795
>ABL1-A397FYTAHAGAKFF	30	>ABL1-A397FYTAHPGAKFF	26	4
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>ABL1-A397FYTAHAGAKF	61	>ABL1-A397FYTAHPGAKF	81	20
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>ABL1-A397FYTAHAGAKF	645	>ABL1-A397FYTAHPGAKF	479	166
>ABL1-A397FDYTAHAGAI	439	>ABL1-A397FDYTAHPGAI	446	7

>ABL1-A397FDTYTAHAGAI	530	>ABL1-A397FDTYTAHPGAI	368	162
>ABL1-A397FDTYTAHAGAI	108	>ABL1-A397FDTYTAHPGAI	167	59
>ABL1-A397FDTYTAHAGAI	20	>ABL1-A397FDTYTAHPGAI	15	5
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>ABL1-A397FDTYTAHAGAI	37	>ABL1-A397FDTYTAHPGAI	68	31
>ABL1-A397FDTYTAHAGA	19	>ABL1-A397FDTYTAHPGA	519	500
>ABL1-A397FDTYTAHAGA	31	>ABL1-A397FDTYTAHPGA	19	12
>ABL1-A397FDTYTAHAGAI	8	>ABL1-A397FDTYTAHPGAI	9	1
>ABL1-A397FDTYTAHAGAI	242	>ABL1-A397FDTYTAHPGAI	223	19
>ABL1-A397FMTGDTYTAH	146	>ABL1-A397FMTGDTYTAH	21653	21507
>ABL1-A397FMTGDTYTAH	138	>ABL1-A397FMTGDTYTAH	9480	9342
>ABL1-A4331ATYGMSPYPC	116	>ABL1-A4331TTYGMSPYPC	84	32
>ABL1-A4331ATYGMSPYPC	308	>ABL1-A4331TTYGMSPYPC	633	325
>ABL1-A4331ATYGMSPYPC	78	>ABL1-A4331TTYGMSPYPC	225	147
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>ABL1-A4331ATYGMSPYPC	122	>ABL1-A4331TTYGMSPYPC	449	327
>ABL1-A4331ATYGMSPYPC	313	>ABL1-A4331TTYGMSPYPC	2080	1767
>ABL1-A4331ATYGMSPY	92	>ABL1-A4331TTYGMSPY	111	19
>ABL1-A4331ATYGMSPY	19	>ABL1-A4331TTYGMSPY	20	1
>ABL1-A4331ATYGMSPY	540	>ABL1-A4331TTYGMSPY	135	405
>ABL1-A4331ATYGMSPY	54	>ABL1-A4331TTYGMSPY	10	44
>ABL1-A4331ATYGMSPY	7	>ABL1-A4331TTYGMSPY	6	1
>ABL1-A4331ATYGMSPY	105	>ABL1-A4331TTYGMSPY	28	77
>ABL1-A4331ATYGMSPY	16	>ABL1-A4331TTYGMSPY	13	3
>ABL1-A4331ATYGMSPYPC	136	>ABL1-A4331TTYGMSPYPC	1104	968
>ABL1-A4331ATYGMSPY	37	>ABL1-A4331TTYGMSPY	56	19
>ABL1-A4331ATYGMSPY	92	>ABL1-A4331TTYGMSPY	299	207
>ABL1-A4331ATYGMSPYPC	283	>ABL1-A4331TTYGMSPYPC	940	657
>ABL1-A4331ATYGMSPYPC	77	>ABL1-A4331TTYGMSPYPC	247	170
>ABL1-A4331ATYGMSPY	574	>ABL1-A4331TTYGMSPY	30	544
>ABL1-A4331ATYGMSPYPC	1076	>ABL1-A4331TTYGMSPYPC	30	1046
>ABL1-A4331ATYGMSPYPC	37	>ABL1-A4331TTYGMSPYPC	7	30
>ABL1-A4331ATYGMSPY	310	>ABL1-A4331TTYGMSPY	242	68
>ABL1-A4331ATYGMSPY	46	>ABL1-A4331TTYGMSPY	69	23
>ABL1-A4331ATYGMSPY	240	>ABL1-A4331TTYGMSPY	127	113
>ABL1-A4331ATYGMSPY	112	>ABL1-A4331TTYGMSPY	565	453
>ABL1-A4331ATYGMSPY	2	>ABL1-A4331TTYGMSPY	3	1
>ABL1-A4331ATYGMSPYPC	10	>ABL1-A4331TTYGMSPYPC	20	10
>ABL1-A4331ATYGMSPY	345	>ABL1-A4331TTYGMSPY	79	266
>ABL1-A4331ATYGMSPYPC	196	>ABL1-A4331TTYGMSPYPC	153	43
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>ABL1-A4331ATYGMSPYPC	15	>ABL1-A4331TTYGMSPYPC	21	6
>ABL1-A4331IATYGMSPY	8920	>ABL1-A4331ITTYGMSPY	209	8711

>ABL1-A4331IATYGMSPY	4624	>ABL1-A4331ITTYGMSPY	449	4175
>ABL1-A4331IATYGMSPY	4041	>ABL1-A4331ITTYGMSPY	60	3981
>ABL1-A4331IATYGMSPY	3603	>ABL1-A4331ITTYGMSPY	98	3505
>ABL1-A4331IATYGMSPY	61	>ABL1-A4331ITTYGMSPY	4	57
>ABL1-A4331IATYGMSPY	94	>ABL1-A4331ITTYGMSPY	17	77
>ABL1-A4331IATYGMSPY	30	>ABL1-A4331ITTYGMSPY	13	17
>ABL1-A4331IATYGMSPY	1151	>ABL1-A4331ITTYGMSPY	359	792
>ABL1-A4331IATYGMSPY	717	>ABL1-A4331ITTYGMSPY	57	660
>ABL1-A4331IATYGMSPY	206	>ABL1-A4331ITTYGMSPY	150	56
>ABL1-A4331IATYGMSPY	226	>ABL1-A4331ITTYGMSPY	215	11
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>ABL1-A4331IATYGMSPY	12	>ABL1-A4331ITTYGMSPY	5	7
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>ABL1-A4331IATYGMSPY	211	>ABL1-A4331ITTYGMSPY	752	541
>ABL1-A4331IATYGMSPY	13	>ABL1-A4331ITTYGMSPY	3	10
>ABL1-A4331WAFGVLLWE	133	>ABL1-A4331WAFGVLLWE	1063	930
>ABL1-A4331WAFGVLLWE	176	>ABL1-A4331WAFGVLLWE	2415	2239
>ABL1-A4331EIATYGMSPY	108	>ABL1-A4331EITTYGMSPY	206	98
>ABL1-A4331EIATYGMSPY	171	>ABL1-A4331EITTYGMSPY	432	261
>ABL1-A4331EIATYGMSPY	5	>ABL1-A4331EITTYGMSPY	8	3
>ABL1-A4331EIATYGMSPY	278	>ABL1-A4331EITTYGMSPY	210	68
>ABL1-A4331EIATYGMSPY	196	>ABL1-A4331EITTYGMSPY	363	167
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>ABL1-A4331EIATYGMSPY	146	>ABL1-A4331EITTYGMSPY	433	287
>ABL1-A4331EIATYGMSPY	166	>ABL1-A4331EITTYGMSPY	1563	1397
>ABL1-A4331EIATYGMSPY	251	>ABL1-A4331EITTYGMSPY	380	129
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>ABL1-A4331WEIATYGMSI	295	>ABL1-A4331WEITTYGMSI	351	56
>ABL1-A4331WEIATYGMSI	73	>ABL1-A4331WEITTYGMSI	127	54
>ABL1-A4331WEIATYGMSI	95	>ABL1-A4331WEITTYGMSI	257	162
>ABL1-A4331WEIATYGMSI	63	>ABL1-A4331WEITTYGMSI	54	9
>ABL1-A4331WEIATYGM	17	>ABL1-A4331WEITTYGM	19	2
>ABL1-A4331WEIATYGMSI	6	>ABL1-A4331WEITTYGMSI	6	0
>ABL1-A4331WEIATYGMSI	229	>ABL1-A4331WEITTYGMSI	284	55
>ABL1-A4331WEIATYGM	263	>ABL1-A4331WEITTYGM	384	121
>ABL1-A4331WEIATYGM	15	>ABL1-A4331WEITTYGM	22	7
>ABL1-A4331WEIATYGMSI	219	>ABL1-A4331WEITTYGMSI	341	122
>ABL1-A4331WEIATYGM	111	>ABL1-A4331WEITTYGM	310	199
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>ABL1-A4331WEIATYGMSI	329	>ABL1-A4331WEITTYGMSI	546	217
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>ABL1-A4331WEIATYGMSI	165	>ABL1-A4331WEITTYGMSI	87	78
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>ABL1-A4331LLWEIATYG	496	>ABL1-A4331LLWEITTYG	153	343
>ABL1-A4331LLWEIATYGM	51	>ABL1-A4331LLWEITTYGM	53	2
>ABL1-A4331LLWEIATYG	113	>ABL1-A4331LLWEITTYG	33	80
>ABL1-A4331LLWEIATYGM	25	>ABL1-A4331LLWEITTYGM	22	3
>ABL1-A4331LLWEIATYGM	734	>ABL1-A4331LLWEITTYGM	454	280
>ABL1-A4331LLWEIATYGM	198	>ABL1-A4331LLWEITTYGM	141	57
>ABL1-A4331LLWEIATYGM	116	>ABL1-A4331LLWEITTYGM	96	20
>ABL1-A4331LLWEIATY	32	>ABL1-A4331LLWEITTY	44	12
>ABL1-A4331LLWEIATYG	16	>ABL1-A4331LLWEITTYG	12	4
>ABL1-A4331LLWEIATYGM	3	>ABL1-A4331LLWEITTYGM	2	1
>ABL1-A4331LLWEIATYGM	32	>ABL1-A4331LLWEITTYGM	33	1
>ABL1-A4331LLWEIATYG	901	>ABL1-A4331LLWEITTYG	451	450
>ABL1-A4331LLWEIATYGM	8	>ABL1-A4331LLWEITTYGM	6	2
>ABL1-A4331LLWEIATYG	195	>ABL1-A4331LLWEITTYG	137	58
>ABL1-A4331LLWEIATYGM	9	>ABL1-A4331LLWEITTYGM	8	1
>ABL1-A4331LLWEIATYGM	532	>ABL1-A4331LLWEITTYGM	455	77
>ABL1-A4331LLWEIATYGM	3	>ABL1-A4331LLWEITTYGM	3	0
>ABL1-A4331LLWEIATY	28	>ABL1-A4331LLWEITTY	27	1
>ABL1-A4331LLWEIATYG	118	>ABL1-A4331LLWEITTYG	67	51
>ABL1-A4331LLWEIATYGM	6	>ABL1-A4331LLWEITTYGM	5	1
>ABL1-A4331LLWEIATYGM	240	>ABL1-A4331LLWEITTYGM	201	39
>ABL1-A4331LLWEIATY	17	>ABL1-A4331LLWEITTY	19	2
>ABL1-A4331LLWEIATY	40	>ABL1-A4331LLWEITTY	96	56
>ABL1-A4331LLWEIATY	310	>ABL1-A4331LLWEITTY	151	159
>ABL1-A4331LLWEIATYGM	661	>ABL1-A4331LLWEITTYGM	342	319
>ABL1-A4331LLWEIATYGM	62	>ABL1-A4331LLWEITTYGM	57	5
>ABL1-A4331LLWEIATY	327	>ABL1-A4331LLWEITTY	189	138
>ABL1-A4331LLWEIATY	99	>ABL1-A4331LLWEITTY	84	15
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>ABL1-A4331LLWEIATY	84	>ABL1-A4331LLWEITTY	47	37
>ABL1-A4331LLWEIATYGM	511	>ABL1-A4331LLWEITTYGM	366	145
>ABL1-A4331LLWEIATY	65	>ABL1-A4331LLWEITTY	178	113
>ABL1-A4331LLWEIATY	40	>ABL1-A4331LLWEITTY	37	3
>ABL1-A4331LLWEIATY	301	>ABL1-A4331LLWEITTY	249	52
>ABL1-A4331VLLWEIAT	326	>ABL1-A4331VLLWEITT	366	40
>ABL1-A4331VLLWEIATYG	1034	>ABL1-A4331VLLWEITTYG	407	627
>ABL1-A4331VLLWEIATYG	35	>ABL1-A4331VLLWEITTYG	41	6



>ABL1-A4331VLLWEIATYG	252	>ABL1-A4331VLLWEITTYG	324	72
>ABL1-A4331VLLWEIATYG	184	>ABL1-A4331VLLWEITTYG	218	34
>ABL1-A4331VLLWEIAT	8	>ABL1-A4331VLLWEITT	8	0
>ABL1-A4331VLLWEIATY	25	>ABL1-A4331VLLWEITTY	63	38
>ABL1-A4331VLLWEIATYG	30	>ABL1-A4331VLLWEITTYG	31	1
>ABL1-A4331VLLWEIATYG	4	>ABL1-A4331VLLWEITTYG	3	1
>ABL1-A4331VLLWEIAT	596	>ABL1-A4331VLLWEITT	481	115
>ABL1-A4331VLLWEIATYG	19	>ABL1-A4331VLLWEITTYG	24	5
>ABL1-A4331VLLWEIAT	74	>ABL1-A4331VLLWEITT	34	40
>ABL1-A4331VLLWEIATYG	497	>ABL1-A4331VLLWEITTYG	408	89
>ABL1-A4331VLLWEIATYG	15	>ABL1-A4331VLLWEITTYG	15	0
>ABL1-A4331VLLWEIAT	242	>ABL1-A4331VLLWEITT	188	54
>ABL1-A4331VLLWEIATYG	6	>ABL1-A4331VLLWEITTYG	7	1
>ABL1-A4331VLLWEIAT	16	>ABL1-A4331VLLWEITT	9	7
>ABL1-A4331VLLWEIATY	26	>ABL1-A4331VLLWEITTY	37	11
>ABL1-A4331VLLWEIATYG	258	>ABL1-A4331VLLWEITTYG	201	57
>ABL1-A4331VLLWEIATYG	9	>ABL1-A4331VLLWEITTYG	9	0
>ABL1-A4331VLLWEIATY	81	>ABL1-A4331VLLWEITTY	146	65
>ABL1-A4331VLLWEIATY	21	>ABL1-A4331VLLWEITTY	94	73
>ABL1-A4331VLLWEIATY	419	>ABL1-A4331VLLWEITTY	703	284
>ABL1-A4331VLLWEIATY	776	>ABL1-A4331VLLWEITTY	338	438
>ABL1-A4331VLLWEIATY	71	>ABL1-A4331VLLWEITTY	159	88
>ABL1-A4331VLLWEIATY	262	>ABL1-A4331VLLWEITTY	312	50
>ABL1-A4331VLLWEIATY	1180	>ABL1-A4331VLLWEITTY	456	724
>ABL1-A4331GVLLWEIATY	480	>ABL1-A4331GVLLWEITTY	1785	1305
>ABL1-A4331GVLLWEIATY	201	>ABL1-A4331GVLLWEITTY	489	288
>ABL1-A4331GVLLWEIATY	205	>ABL1-A4331GVLLWEITTY	310	105
>ABL1-A4331FGVLLWEIAT	262	>ABL1-A4331FGVLLWEITT'	437	175
>ABL1-A4331FGVLLWEIAT	294	>ABL1-A4331FGVLLWEITT'	569	275
>ABL1-A4331FGVLLWEIAT	48	>ABL1-A4331FGVLLWEITT'	54	6
>ABL1-A4331FGVLLWEIAT	520	>ABL1-A4331FGVLLWEITT'	279	241
>ABL1-A4331FGVLLWEIAT	367	>ABL1-A4331FGVLLWEITT'	567	200
>ABL1-A4331AFGVLLWEIA	82	>ABL1-A4331AFGVLLWEIT	306	224
>ABL1-C305FCTREPPFYI	184	>ABL1-C305FRTREPPFYI	19	165
>ABL1-C305FCTREPPFY	1630	>ABL1-C305FRTREPPFY	147	1483
>ABL1-C305FCTREPPFY	33	>ABL1-C305FRTREPPFY	59	26
>ABL1-C305FCTREPPFY	35	>ABL1-C305FRTREPPFY	73	38
>ABL1-C305FCTREPPFY	84	>ABL1-C305FRTREPPFY	121	37
>ABL1-C305FCTREPPFY	47	>ABL1-C305FRTREPPFY	4	43
>ABL1-C305FCTREPPFYI	20	>ABL1-C305FRTREPPFYI	4	16
>ABL1-C305FCTREPPFYII	67	>ABL1-C305FRTREPPFYII	5	62
>ABL1-C305FCTREPPFYIIT	363	>ABL1-C305FRTREPPFYIIT	10	353
>ABL1-C305FCTREPPFY	117	>ABL1-C305FRTREPPFY	66	51

>ABL1-C305FCTREPPFYI	11177	>ABL1-C305FRTREPPFYI	194	10983
>ABL1-C305FCTREPPFYII	6625	>ABL1-C305FRTREPPFYII	48	6577
>ABL1-C305FCTREPPFYI	118	>ABL1-C305FRTREPPFYI	1385	1267
>ABL1-C305FCTREPPFYII	276	>ABL1-C305FRTREPPFYII	263	13
>ABL1-C305FCTREPPFYI	213	>ABL1-C305FRTREPPFYI	192	21
>ABL1-C305FCTREPPFY	375	>ABL1-C305FRTREPPFY	45	330
>ABL1-C305FCTREPPFY	4051	>ABL1-C305FRTREPPFY	364	3687
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>ABL1-C305FCTREPPFY	11	>ABL1-C305FRTREPPFY	4	7
>ABL1-C305FCTREPPFYI	131	>ABL1-C305FRTREPPFYI	6	125
>ABL1-C305FCTREPPFYII	593	>ABL1-C305FRTREPPFYII	10	583
>ABL1-C305FCTREPPFYIIT	10383	>ABL1-C305FRTREPPFYIIT	303	10080
>ABL1-C305FCTREPPFY	1868	>ABL1-C305FRTREPPFY	96	1772
>ABL1-C305FCTREPPFYI	6183	>ABL1-C305FRTREPPFYI	220	5963
>ABL1-C305FCTREPPFYI	3663	>ABL1-C305FRTREPPFYI	114	3549
>ABL1-C305FCTREPPFYI	468	>ABL1-C305FRTREPPFYI	302	166
>ABL1-C305FCTREPPFYII	193	>ABL1-C305FRTREPPFYII	127	66
>ABL1-C305FCTREPPFY	4959	>ABL1-C305FRTREPPFY	402	4557
>ABL1-C305FCTREPPFYI	2530	>ABL1-C305FRTREPPFYI	140	2390
>ABL1-C305FCTREPPFYII	3278	>ABL1-C305FRTREPPFYII	231	3047
>ABL1-C305FCTREPPFY	492	>ABL1-C305FRTREPPFY	1525	1033
>ABL1-C305FCTREPPFYI	11	>ABL1-C305FRTREPPFYI	15	4
>ABL1-C305FCTREPPFYII	60	>ABL1-C305FRTREPPFYII	114	54
>ABL1-C305FVCTREPPFY	296	>ABL1-C305FVRTREPPFY	263	33
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>ABL1-C305FVCTREPPFY	401	>ABL1-C305FVRTREPPFY	1883	1482
>ABL1-C305FVCTREPPFY	229	>ABL1-C305FVRTREPPFY	571	342
>ABL1-C305FVCTREPPF	12183	>ABL1-C305FVRTREPPF	356	11827
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>ABL1-C305FVCTREPPFY	571	>ABL1-C305FVRTREPPFY	308	263
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>ABL1-C305FVCTREPPF	125	>ABL1-C305FVRTREPPF	170	45
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>ABL1-C305FLLGVCTREPP	183	>ABL1-C305FLLGVCTREPP	409	226
>ABL1-C305FLLGVCTR	411	>ABL1-C305FLLGVCTR	389	22

>ABL1-C305FQLLGVCTR	195	>ABL1-C305FQLLGVTRTR	385	190
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>ABL1-C305FQLLGVCTR	177	>ABL1-C305FQLLGVTRTR	359	182
>ABL1-C305FVQLLGVCTR	198	>ABL1-C305FVQLLGVTRTR	580	382
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>ABL1-C305FLVQLLGVCTR	61	>ABL1-C305FLVQLLGVTRTR	89	28
>ABL1-C305FLVQLLGVCTR	318	>ABL1-C305FLVQLLGVTRTR	1667	1349
>ABL1-C305FNLVQLLGVCTR	392	>ABL1-C305FNLVQLLGVTRTR	959	567
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>ABL1-C330CRECNRQEV	211	>ABL1-C330CREGNRQEV	1391	1180
>ABL1-C330CRECNRQEVN	182	>ABL1-C330CREGNRQEVN	1053	871
>ABL1-C330CRECNRQEV	405	>ABL1-C330CREGNRQEV	220	185
>ABL1-C330CRECNRQEVN	303	>ABL1-C330CREGNRQEVN	204	99
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>ABL1-C330CRECNRQEVN	163	>ABL1-C330CREGNRQEVN	159	4
>ABL1-C330CRECNRQEVN	25	>ABL1-C330CREGNRQEVN	30	5
>ABL1-C330CYLRECNRQEV	269	>ABL1-C330CYLREGNRQEV	274	5
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>ABL1-C330CYLRECNRQEV	280	>ABL1-C330CYLREGNRQEV	612	332
>ABL1-C330CYLRECNR	14	>ABL1-C330CYLREGNR	28	14
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>ABL1-C330CYLRECNR	161	>ABL1-C330CYLREGNR	1039	878
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>ABL1-C330CYLRECNR	25	>ABL1-C330CYLREGNR	684	659
>ABL1-C330CYLRECNR	210	>ABL1-C330CYLREGNR	4710	4500
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>ABL1-C330CYLRECNR	78	>ABL1-C330CYLREGNR	144	66
>ABL1-C330CYLRECNR	486	>ABL1-C330CYLREGNR	687	201
>ABL1-C330CYLRECNR	136	>ABL1-C330CYLREGNR	468	332
>ABL1-D276GDTMEVEEFL	11219	>ABL1-D276GDTMEVEEFL	147	11072
>ABL1-D276GDTMEVEEFL	1008	>ABL1-D276GDTMEVEEFL	18	990

>ABL1-D276(DTMEVEEFL	3886	>ABL1-D276(GTMEVEEFL	65	3821
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>ABL1-D276(DTMEVEEFL	8758	>ABL1-D276(GTMEVEEFL	216	8542
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>ABL1-D276(DTMEVEEFLK	2578	>ABL1-D276(GTMEVEEFLK	287	2291
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>ABL1-D276(DTMEVEEFLK	6	>ABL1-D276(GTMEVEEFLK	20	14
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>ABL1-D276(KEDTMEVEEF	295	>ABL1-D276(KEGTMEVEEF	222	73
>ABL1-D276(KEDTMEVEEF	2159	>ABL1-D276(KEGTMEVEEF	447	1712
>ABL1-D276(KEDTMEVEEF	17	>ABL1-D276(KEGTMEVEEF	69	52
>ABL1-D276(KEDTMEVEEF	521	>ABL1-D276(KEGTMEVEEF	312	209
>ABL1-D276(KEDTMEVEEF	348	>ABL1-D276(KEGTMEVEEF	1596	1248
>ABL1-D276(KEDTMEVEEF	44	>ABL1-D276(KEGTMEVEEF	40	4
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>ABL1-D276(TLKEDTMEV	362	>ABL1-D276(TLKEGTMEV	152	210
>ABL1-D276(TLKEDTMEV	313	>ABL1-D276(TLKEGTMEV	175	138
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>ABL1-D276(KTLKEDTMEV	331	>ABL1-D276(KTLKEGTMEV	220	111
>ABL1-D276(KTLKEDTMEV	404	>ABL1-D276(KTLKEGTMEV	157	247
>ABL1-D276(KTLKEDTM	168	>ABL1-D276(KTLKEGTM	683	515
>ABL1-D276(KTLKEDTMEV	342	>ABL1-D276(KTLKEGTMEV	332	10
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>ABL1-D276(KTLKEDTM	13	>ABL1-D276(KTLKEGTM	8	5
>ABL1-D276(KTLKEDTMEV	314	>ABL1-D276(KTLKEGTMEV	133	181
>ABL1-D276(KTLKEDTM	289	>ABL1-D276(KTLKEGTM	415	126
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>ABL1-D276(VAVKTLKEDT	124	>ABL1-D276(VAVKTLKEGT	56	68
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>ABL1-D325I LLDYLRECNR	161	>ABL1-D325I LLDYLRECNR	161	0
>ABL1-D325I NLLDYLREC	449	>ABL1-D325I NLLDYLREC	449	0
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>ABL1-D325I NLLDYLREC	210	>ABL1-D325I NLLDYLREC	210	0
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>ABL1-D325I NLLDYLREC	364	>ABL1-D325I NLLDYLREC	364	0
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>ABL1-D325I YGNLLDYL	208	>ABL1-D325I YGNLLDYL	208	0
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>ABL1-D325[FMTYGNLLD\	10	>ABL1-D325[FMTYGNLLD\	10	0
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>ABL1-D325[FMTYGNLLD\	27	>ABL1-D325[FMTYGNLLD\	27	0
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>ABL1-D482\SDRPSFAEI	15108	>ABL1-D482\SVRPSFAEI	148	14960
>ABL1-D482\SDRPSFAEI	13400	>ABL1-D482\SVRPSFAEI	176	13224
>ABL1-D482\SDRPSFAEI	25630	>ABL1-D482\SVRPSFAEI	465	25165
>ABL1-D482\SDRPSFAE	12958	>ABL1-D482\SVRPSFAE	244	12714
>ABL1-D482\SDRPSFAEI	1522	>ABL1-D482\SVRPSFAEI	5	1517
>ABL1-D482\SDRPSFAEIH(C	6007	>ABL1-D482\SVRPSFAEIH(C	20	5987
>ABL1-D482\SDRPSFAEI	16639	>ABL1-D482\SVRPSFAEI	222	16417
>ABL1-D482\SDRPSFAEI	18496	>ABL1-D482\SVRPSFAEI	488	18008
>ABL1-D482\SDRPSFAEI	11710	>ABL1-D482\SVRPSFAEI	155	11555
>ABL1-D482\SDRPSFAEI	3609	>ABL1-D482\SVRPSFAEI	407	3202
>ABL1-D482\SDRPSFAEI	895	>ABL1-D482\SVRPSFAEI	290	605
>ABL1-D482\SDRPSFAEI	39	>ABL1-D482\SVRPSFAEI	10930	10891
>ABL1-D482\MRACWQW\F	28116	>ABL1-D482\MRACWQW\F	425	27691
>ABL1-D482\MRACWQW\F	36631	>ABL1-D482\MRACWQW\F	373	36258
>ABL1-D482\MRACWQW\F	20685	>ABL1-D482\MRACWQW\F	284	20401
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>ABL1-D482\MRACWQW\F	3689	>ABL1-D482\MRACWQW\F	177	3512
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>ABL1-D482\NPSDRPSF	68	>ABL1-D482\NPSVRPSF	90	22
>ABL1-D482\NPSDRPSFAE	267	>ABL1-D482\NPSVRPSFAE	348	81
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>ABL1-D482\NPSDRPSF	61	>ABL1-D482\NPSVRPSF	126	65
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>ABL1-D482\CWQWNPSD	241	>ABL1-D482\CWQWNPSV	186	55
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>ABL1-D482\ACWQWNPS	19496	>ABL1-D482\ACWQWNPS	10	19486
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>ABL1-D482\ACWQWNPS	24432	>ABL1-D482\ACWQWNPS	416	24016
>ABL1-D482\ACWQWNPS	33156	>ABL1-D482\ACWQWNPS	11	33145
>ABL1-D482\ACWQWNPS	17562	>ABL1-D482\ACWQWNPS	53	17509
>ABL1-D482\ACWQWNPS	318	>ABL1-D482\ACWQWNPS	180	138
>ABL1-D482\RACWQWNP	24476	>ABL1-D482\RACWQWNP	452	24024
>ABL1-D482\RACWQWNP	25886	>ABL1-D482\RACWQWNP	84	25802
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>ABL1-D482\RACWQWNP	3806	>ABL1-D482\RACWQWNP	302	3504
>ABL1-D482\RACWQWNP	49	>ABL1-D482\RACWQWNP	20	29



>ABL1-D482\RACWQWNP	583	>ABL1-D482\RACWQWNP	367	216
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>ABL1-E255K\EVYEGVWKK	4044	>ABL1-E255K\KVYEGVWKK	386	3658
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>ABL1-E255K\EVYEGVWKK	239	>ABL1-E255K\KVYEGVWKK	31	208
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>ABL1-E255K\EVYEGVWKK'	136	>ABL1-E255K\KVYEGVWKK	50	86
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>ABL1-E255K\EVYEGVWKK	5357	>ABL1-E255K\KVYEGVWKK	58	5299
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>ABL1-E255K\EVYEGVWKK	267	>ABL1-E255K\KVYEGVWKK	9146	8879
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>ABL1-E255K\EVYEGVWKK	7	>ABL1-E255K\KVYEGVWKK	468	461
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>ABL1-E255K\EVYEGVWKK'	292	>ABL1-E255K\KVYEGVWKK	8391	8099
>ABL1-E255K\EVYEGVWKK'	2134	>ABL1-E255K\KVYEGVWKK	198	1936
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>ABL1-E255K\EVYEGVWKK'	125	>ABL1-E255K\KVYEGVWKK	8	117
>ABL1-E255K\EVYEGVWKK'	11995	>ABL1-E255K\KVYEGVWKK	367	11628
>ABL1-E255K\EVYEGVWKK'	12919	>ABL1-E255K\KVYEGVWKK	301	12618
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>ABL1-E255K\GEVYEGVWKK	2469	>ABL1-E255K\GKVYEGVWKK	77	2392
>ABL1-E255K\GEVYEGVW	369	>ABL1-E255K\GKVYEGVW	13731	13362
>ABL1-E255K\GEVYEGVW	81	>ABL1-E255K\GKVYEGVW	9566	9485
>ABL1-E255K\GEVYEGVWKK	56	>ABL1-E255K\GKVYEGVWKK	9707	9651
>ABL1-E255K\KHKLGGGQY'	14356	>ABL1-E255K\KHKLGGGQY'	403	13953
>ABL1-E255K\YGEVYEGVW	157	>ABL1-E255K\YGKVYEGVW	330	173
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>ABL1-E255K GQYGEVYEG'	58	>ABL1-E255K GQYGKVYEG'	67	9
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>ABL1-E255K GQYGEVYEG'	6	>ABL1-E255K GQYGKVYEG'	8	2
>ABL1-E255K GQYGEVYEG'	21	>ABL1-E255K GQYGKVYEG'	33	12
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>ABL1-E255K GGQYGEVY	341	>ABL1-E255K GGQYGVY	461	120
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>ABL1-E255K LGGGQYGEV'	272	>ABL1-E255K LGGGQYGV'	592	320
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>ABL1-E255K KLGGGQYGE'	56	>ABL1-E255K KLGGGQYGV'	92	36
>ABL1-E255K KLGGGQYGE'	3	>ABL1-E255K KLGGGQYGV'	5	2
>ABL1-E255K KLGGGQYGE'	16	>ABL1-E255K KLGGGQYGV'	32	16
>ABL1-E255K KLGGGQYGE'	7	>ABL1-E255K KLGGGQYGV'	9	2
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>ABL1-E255K KLGGGQYGE'	2	>ABL1-E255K KLGGGQYGV'	3	1
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>ABL1-E255K KLGGGQYGE	26539	>ABL1-E255K KLGGGQYGV	283	26256
>ABL1-E255K KLGGGQYGE'	128	>ABL1-E255K KLGGGQYGV'	280	152
>ABL1-E255K KLGGGQYGE'	64	>ABL1-E255K KLGGGQYGV'	89	25
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>ABL1-E255\ EVYEGVWKK	4044	>ABL1-E255\ VVYEGVWKK	356	3688
>ABL1-E255\ EVYEGVWKK'	2288	>ABL1-E255\ VVYEGVWKK'	242	2046
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>ABL1-E255\ EVYEGVWKK	192	>ABL1-E255\ VVYEGVWKK	20	172
>ABL1-E255\ EVYEGVWKK	61	>ABL1-E255\ VVYEGVWKK	11	50
>ABL1-E255\ EVYEGVWKK'	52	>ABL1-E255\ VVYEGVWKK'	2515	2463
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>ABL1-E255\ EVYEGVWKK'	5	>ABL1-E255\ VVYEGVWKK'	96	91
>ABL1-E255\ EVYEGVWKK'	63	>ABL1-E255\ VVYEGVWKK'	2346	2283
>ABL1-E255\ EVYEGVWKK'	136	>ABL1-E255\ VVYEGVWKK'	48	88
>ABL1-E255\ EVYEGVWKK	267	>ABL1-E255\ VVYEGVWKK	2013	1746
>ABL1-E255\ EVYEGVWKK	5	>ABL1-E255\ VVYEGVWKK	128	123

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>ABL1-E255\EVYEGVWKK'	292	>ABL1-E255\VVYEGVWKK	6772	6480
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>ABL1-E255\EVYEGVWKK'	213	>ABL1-E255\VVYEGVWKK	113	100
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>ABL1-E255\GEVYEGVWK	15352	>ABL1-E255\GVVYEGVWK	77	15275
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>ABL1-E255\YGEVYEGVW	157	>ABL1-E255\YGVVYEGVW	66	91
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>ABL1-E255\GQYGEVYEG'	58	>ABL1-E255\GQYGVVYEG'	58	0
>ABL1-E255\GQYGEVYEG'	109	>ABL1-E255\GQYGVVYEG'	131	22
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>ABL1-E255\GQYGEVYEG'	13	>ABL1-E255\GQYGVVYEG'	10	3
>ABL1-E255\GQYGEVYEG'	66	>ABL1-E255\GQYGVVYEG'	99	33
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>ABL1-E255\GQYGEVYEG'	58	>ABL1-E255\GQYGVVYEG'	108	50
>ABL1-E255\GGQYGEVY	341	>ABL1-E255\GGQYGVVY	299	42
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>ABL1-E255\GGGQYGEVY	235	>ABL1-E255\GGGQYGVVY	265	30
>ABL1-E255\GGGQYGEVY	326	>ABL1-E255\GGGQYGVVY	775	449
>ABL1-E255\LGGGQYGEV'	272	>ABL1-E255\LGGGQYGVV'	225	47
>ABL1-E255\LGGGQYGEV'	1610	>ABL1-E255\LGGGQYGVV'	495	1115
>ABL1-E255\KLGGGQYGE	15984	>ABL1-E255\KLGGGQYGV	22	15962
>ABL1-E255\KLGGGQYGE'	212	>ABL1-E255\KLGGGQYGV'	316	104

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>ABL1-E255\KLGQQYGE'	16	>ABL1-E255\KLGQQYGV	16	0
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>ABL1-E255\KLGQQYGE'	7	>ABL1-E255\KLGQQYGV	9	2
>ABL1-E255\KLGQQYGE	14164	>ABL1-E255\KLGQQYGV	2	14162
>ABL1-E255\KLGQQYGE'	19	>ABL1-E255\KLGQQYGV	23	4
>ABL1-E255\KLGQQYGE	2895	>ABL1-E255\KLGQQYGV	2	2893
>ABL1-E255\KLGQQYGE'	2	>ABL1-E255\KLGQQYGV	3	1
>ABL1-E255\KLGQQYGE'	128	>ABL1-E255\KLGQQYGV	112	16
>ABL1-E255\KLGQQYGE'	64	>ABL1-E255\KLGQQYGV	55	9
>ABL1-E255\KLGQQYGE	3738	>ABL1-E255\KLGQQYGV	472	3266
>ABL1-E255\KLGQQYGE'	873	>ABL1-E255\KLGQQYGV	453	420
>ABL1-E255\KLGQQYGE'	37	>ABL1-E255\KLGQQYGV	45	8
>ABL1-E255\KLGQQYGE'	87	>ABL1-E255\KLGQQYGV	93	6
>ABL1-E255\KLGQQYGE'	354	>ABL1-E255\KLGQQYGV	368	14
>ABL1-E255\KLGQQYGE'	385	>ABL1-E255\KLGQQYGV	511	126
>ABL1-E279KVEEFLKEA	9970	>ABL1-E279KVEEFLKEA	289	9681
>ABL1-E279KVEEFLKEAA'	1574	>ABL1-E279KVEEFLKEAA'	67	1507
>ABL1-E279KVEEFLKEAA'	1419	>ABL1-E279KVEEFLKEAA'	134	1285
>ABL1-E279KVEEFLKEAA'	4703	>ABL1-E279KVEEFLKEAA'	290	4413
>ABL1-E279KVEEFLKEAA'	811	>ABL1-E279KVEEFLKEAA'	102	709
>ABL1-E279KVEEFLKEAA'	92	>ABL1-E279KVEEFLKEAA'	6897	6805
>ABL1-E279KVEEFLKEAA'	47	>ABL1-E279KVEEFLKEAA'	2500	2453
>ABL1-E279KMEVEEFLK	572	>ABL1-E279KMKVEEFLK	454	118
>ABL1-E279KMEVEEFLKEA	5768	>ABL1-E279KMKVEEFLKEA	234	5534
>ABL1-E279KMEVEEFLKEA	7549	>ABL1-E279KMKVEEFLKEA	338	7211
>ABL1-E279KMEVEEFLKEA	110	>ABL1-E279KMKVEEFLKEA	17076	16966
>ABL1-E279KMEVEEFLKEA	261	>ABL1-E279KMKVEEFLKEA	28861	28600
>ABL1-E279KMEVEEFLKEA	12	>ABL1-E279KMKVEEFLKEA	9139	9127
>ABL1-E279KMEVEEFLKEA	416	>ABL1-E279KMKVEEFLKEA	30313	29897
>ABL1-E279KAVKTLKEDTN	25476	>ABL1-E279KAVKTLKEDTN	387	25089
>ABL1-E279KAVKTLKEDTN	10976	>ABL1-E279KAVKTLKEDTN	75	10901
>ABL1-E279KTMEVEEFL	78	>ABL1-E279KTMKVEEFL	88	10
>ABL1-E279KTMEVEEFLKE	3959	>ABL1-E279KTMKVEEFLKE	403	3556
>ABL1-E279KTMEVEEFL	187	>ABL1-E279KTMKVEEFL	246	59
>ABL1-E279KTMEVEEFLK	1915	>ABL1-E279KTMKVEEFLK	299	1616

>ABL1-E279KTMEVEEFLK	38	>ABL1-E279KTMKVVEEFLK	35	3
>ABL1-E279KTMEVEEFLK	12942	>ABL1-E279KTMKVVEEFLK	445	12497
>ABL1-E279KTMEVEEFLK	2856	>ABL1-E279KTMKVVEEFLK	139	2717
>ABL1-E279KTMEVEEFLK	186	>ABL1-E279KTMKVVEEFLK	163	23
>ABL1-E279KDTMEVEEFLK	28	>ABL1-E279KDTMKVVEEFLK	34	6
>ABL1-E279KDTMEVEEFLK	439	>ABL1-E279KDTMKVVEEFLK	902	463
>ABL1-E279KDTMEVEEFLK	76	>ABL1-E279KDTMKVVEEFLK	167	91
>ABL1-E279KDTMEVEEFLK	15	>ABL1-E279KDTMKVVEEFLK	27	12
>ABL1-E279KDTMEVEEFLK	40	>ABL1-E279KDTMKVVEEFLK	84	44
>ABL1-E279KDTMEVEEFLK	357	>ABL1-E279KDTMKVVEEFLK	539	182
>ABL1-E279KDTMEVEEFLK	489	>ABL1-E279KDTMKVVEEFLK	759	270
>ABL1-E279KDTMEVEEFLK	258	>ABL1-E279KDTMKVVEEFLK	393	135
>ABL1-E279KDTMEVEEFLK	6	>ABL1-E279KDTMKVVEEFLK	8	2
>ABL1-E279KDTMEVEEFLK	8	>ABL1-E279KDTMKVVEEFLK	14	6
>ABL1-E279KDTMEVEEFLK	68	>ABL1-E279KDTMKVVEEFLK	449	381
>ABL1-E279KDTMEVEEFLK	405	>ABL1-E279KDTMKVVEEFLK	703	298
>ABL1-E279KEDTMEVEEFLK	401	>ABL1-E279KEDTMKVVEEFLK	573	172
>ABL1-E279KEDTMEVEEFLK	312	>ABL1-E279KEDTMKVVEEFLK	582	270
>ABL1-E279KEDTMEVEEFLK	295	>ABL1-E279KEDTMKVVEEFLK	151	144
>ABL1-E279KEDTMEVEEFLK	17	>ABL1-E279KEDTMKVVEEFLK	17	0
>ABL1-E279KEDTMEVEEFLK	348	>ABL1-E279KEDTMKVVEEFLK	155	193
>ABL1-E279KEDTMEVEEFLK	44	>ABL1-E279KEDTMKVVEEFLK	129	85
>ABL1-E279KEDTMEVEEFLK	127	>ABL1-E279KEDTMKVVEEFLK	143	16
>ABL1-E279KEDTMEVEEFLK	49	>ABL1-E279KEDTMKVVEEFLK	51	2
>ABL1-E279KEDTMEVEEFLK	75	>ABL1-E279KEDTMKVVEEFLK	316	241
>ABL1-E279KEDTMEVEEFLK	20	>ABL1-E279KEDTMKVVEEFLK	60	40
>ABL1-E279KEDTMEVEEFLK	3	>ABL1-E279KEDTMKVVEEFLK	4	1
>ABL1-E279KEDTMEVEEFLK	141	>ABL1-E279KEDTMKVVEEFLK	641	500
>ABL1-E279KEDTMEVEEFLK	16	>ABL1-E279KEDTMKVVEEFLK	39	23
>ABL1-E279KEDTMEVEEFLK	9	>ABL1-E279KEDTMKVVEEFLK	18	9
>ABL1-E279KEDTMEVEEFLK	24	>ABL1-E279KEDTMKVVEEFLK	51	27
>ABL1-E279KEDTMEVEEFLK	30	>ABL1-E279KEDTMKVVEEFLK	46	16
>ABL1-E279KEDTMEVEEFLK	2	>ABL1-E279KEDTMKVVEEFLK	2	0
>ABL1-E279KEDTMEVEEFLK	21003	>ABL1-E279KEDTMKVVEEFLK	456	20547
>ABL1-E279KEDTMEVEEFLK	25373	>ABL1-E279KEDTMKVVEEFLK	480	24893
>ABL1-E279KEDTMEVEEFLK	362	>ABL1-E279KEDTMKVVEEFLK	1076	714
>ABL1-E279KEDTMEVEEFLK	313	>ABL1-E279KEDTMKVVEEFLK	479	166
>ABL1-E279KEDTMEVEEFLK	176	>ABL1-E279KEDTMKVVEEFLK	611	435
>ABL1-E279KEDTMEVEEFLK	135	>ABL1-E279KEDTMKVVEEFLK	241	106
>ABL1-E279KEDTMEVEEFLK	59	>ABL1-E279KEDTMKVVEEFLK	112	53
>ABL1-E279KEDTMEVEEFLK	98	>ABL1-E279KEDTMKVVEEFLK	206	108
>ABL1-E279KEDTMEVEEFLK	200	>ABL1-E279KEDTMKVVEEFLK	433	233
>ABL1-E279KEDTMEVEEFLK	48	>ABL1-E279KEDTMKVVEEFLK	91	43

>ABL1-E279K KTLKEDTMEV	331	>ABL1-E279K KTLKEDTMKV	722	391
>ABL1-E279K KTLKEDTME	27263	>ABL1-E279K KTLKEDTMK	100	27163
>ABL1-E279K KTLKEDTME	12080	>ABL1-E279K KTLKEDTMK	150	11930
>ABL1-E279K KTLKEDTMEV	404	>ABL1-E279K KTLKEDTMKV	542	138
>ABL1-E279K KTLKEDTMEV	342	>ABL1-E279K KTLKEDTMKV	322	20
>ABL1-E279K KTLKEDTMEV	339	>ABL1-E279K KTLKEDTMKV	483	144
>ABL1-E279K KTLKEDTMEV	314	>ABL1-E279K KTLKEDTMKV	286	28
>ABL1-E279Y EVEEFLKEAA'	12663	>ABL1-E279Y YVEEFLKEAA'	213	12450
>ABL1-E279Y EVEEFLKEAA'	4917	>ABL1-E279Y YVEEFLKEAA'	141	4776
>ABL1-E279Y EVEEFLKEA	12231	>ABL1-E279Y YVEEFLKEA	497	11734
>ABL1-E279Y EVEEFLKEAA'	5854	>ABL1-E279Y YVEEFLKEAA'	91	5763
>ABL1-E279Y EVEEFLKEA	9970	>ABL1-E279Y YVEEFLKEA	52	9918
>ABL1-E279Y EVEEFLKEAA	10823	>ABL1-E279Y YVEEFLKEAA	402	10421
>ABL1-E279Y EVEEFLKEAA'	1574	>ABL1-E279Y YVEEFLKEAA'	19	1555
>ABL1-E279Y EVEEFLKEA	14330	>ABL1-E279Y YVEEFLKEA	406	13924
>ABL1-E279Y EVEEFLKEAA'	1419	>ABL1-E279Y YVEEFLKEAA'	22	1397
>ABL1-E279Y EVEEFLKEAA'	4703	>ABL1-E279Y YVEEFLKEAA'	46	4657
>ABL1-E279Y EVEEFLKEA	15403	>ABL1-E279Y YVEEFLKEA	238	15165
>ABL1-E279Y EVEEFLKEAA'	811	>ABL1-E279Y YVEEFLKEAA'	7	804
>ABL1-E279Y EVEEFLKEAA'	92	>ABL1-E279Y YVEEFLKEAA'	414	322
>ABL1-E279Y EVEEFLKEAA'	47	>ABL1-E279Y YVEEFLKEAA'	102	55
>ABL1-E279Y MEVEEFLK	5650	>ABL1-E279Y MYVEEFLK	283	5367
>ABL1-E279Y MEVEEFLK	13705	>ABL1-E279Y MYVEEFLK	114	13591
>ABL1-E279Y MEVEEFLKEA	23572	>ABL1-E279Y MYVEEFLKEA	337	23235
>ABL1-E279Y MEVEEFLK	17451	>ABL1-E279Y MYVEEFLK	383	17068
>ABL1-E279Y MEVEEFLK	572	>ABL1-E279Y MYVEEFLK	72	500
>ABL1-E279Y MEVEEFLKEA	110	>ABL1-E279Y MYVEEFLKEA	18202	18092
>ABL1-E279Y MEVEEFLKEA	261	>ABL1-E279Y MYVEEFLKEA	36529	36268
>ABL1-E279Y MEVEEFLKEA	12	>ABL1-E279Y MYVEEFLKEA	18901	18889
>ABL1-E279Y MEVEEFLKEA	416	>ABL1-E279Y MYVEEFLKEA	37562	37146
>ABL1-E279Y MEVEEFLK	3406	>ABL1-E279Y MYVEEFLK	74	3332
>ABL1-E279Y MEVEEFLKEA	18330	>ABL1-E279Y MYVEEFLKEA	200	18130
>ABL1-E279Y AVKTLKEDTN	26449	>ABL1-E279Y AVKTLKEDTN	344	26105
>ABL1-E279Y AVKTLKEDTN	14076	>ABL1-E279Y AVKTLKEDTN	109	13967
>ABL1-E279Y TMEVEEFL	4055	>ABL1-E279Y TMYVEEFL	81	3974
>ABL1-E279Y TMEVEEFLKE	6046	>ABL1-E279Y TMYVEEFLKE	266	5780
>ABL1-E279Y TMEVEEFL	78	>ABL1-E279Y TMYVEEFL	15	63
>ABL1-E279Y TMEVEEFLKE	1944	>ABL1-E279Y TMYVEEFLKE	246	1698
>ABL1-E279Y TMEVEEFL	9268	>ABL1-E279Y TMYVEEFL	237	9031
>ABL1-E279Y TMEVEEFLKE	3959	>ABL1-E279Y TMYVEEFLKE	89	3870
>ABL1-E279Y TMEVEEFL	4569	>ABL1-E279Y TMYVEEFL	288	4281
>ABL1-E279Y TMEVEEFL	1130	>ABL1-E279Y TMYVEEFL	12	1118
>ABL1-E279Y TMEVEEFLKE	3554	>ABL1-E279Y TMYVEEFLKE	57	3497

>ABL1-E279YTMEVEEFL	1185	>ABL1-E279Y TMYVEEFL	61	1124
>ABL1-E279YTMEVEEFLKE	4707	>ABL1-E279Y TMYVEEFLKE	436	4271
>ABL1-E279YTMEVEEFL	1524	>ABL1-E279Y TMYVEEFL	15	1509
>ABL1-E279YTMEVEEFLKE	7508	>ABL1-E279Y TMYVEEFLKE	150	7358
>ABL1-E279YTMEVEEFL	5031	>ABL1-E279Y TMYVEEFL	167	4864
>ABL1-E279YTMEVEEFL	187	>ABL1-E279Y TMYVEEFL	24	163
>ABL1-E279YTMEVEEFLKE	830	>ABL1-E279Y TMYVEEFLKE	58	772
>ABL1-E279YTMEVEEFLK	1915	>ABL1-E279Y TMYVEEFLK	36	1879
>ABL1-E279YTMEVEEFLK	38	>ABL1-E279Y TMYVEEFLK	10	28
>ABL1-E279YTMEVEEFLK	2856	>ABL1-E279Y TMYVEEFLK	178	2678
>ABL1-E279YTMEVEEFLK	186	>ABL1-E279Y TMYVEEFLK	25	161
>ABL1-E279YDTMEVEEFLK	2578	>ABL1-E279YDTMYVEEFLK	230	2348
>ABL1-E279YDTMEVEEFLK	28	>ABL1-E279YDTMYVEEFLK	15	13
>ABL1-E279YDTMEVEEF	439	>ABL1-E279YDTMYVEEF	1141	702
>ABL1-E279YDTMEVEEF	76	>ABL1-E279YDTMYVEEF	198	122
>ABL1-E279YDTMEVEEF	15	>ABL1-E279YDTMYVEEF	17	2
>ABL1-E279YDTMEVEEFL	40	>ABL1-E279YDTMYVEEFL	51	11
>ABL1-E279YDTMEVEEF	357	>ABL1-E279YDTMYVEEF	115	242
>ABL1-E279YDTMEVEEFLK	489	>ABL1-E279YDTMYVEEFLK	322	167
>ABL1-E279YDTMEVEEF	782	>ABL1-E279YDTMYVEEF	354	428
>ABL1-E279YDTMEVEEFL	258	>ABL1-E279YDTMYVEEFL	128	130
>ABL1-E279YDTMEVEEFLK	6	>ABL1-E279YDTMYVEEFLK	6	0
>ABL1-E279YDTMEVEEFL	8	>ABL1-E279YDTMYVEEFL	8	0
>ABL1-E279YDTMEVEEFL	68	>ABL1-E279YDTMYVEEFL	454	386
>ABL1-E279YDTMEVEEF	405	>ABL1-E279YDTMYVEEF	578	173
>ABL1-E279YEDTMEVEEFL	401	>ABL1-E279YEDTMYVEEFL	203	198
>ABL1-E279YEDTMEVEEFL	312	>ABL1-E279YEDTMYVEEFL	265	47
>ABL1-E279YKEDTMEVEEF	295	>ABL1-E279YKEDTMYVEEF	144	151
>ABL1-E279YKEDTMEVEEF	17	>ABL1-E279YKEDTMYVEEF	11	6
>ABL1-E279YKEDTMEVEEF	521	>ABL1-E279YKEDTMYVEEF	344	177
>ABL1-E279YKEDTMEVEEF	348	>ABL1-E279YKEDTMYVEEF	91	257
>ABL1-E279YKEDTMEVEEF	1492	>ABL1-E279YKEDTMYVEEF	298	1194
>ABL1-E279YKEDTMEVEEF	44	>ABL1-E279YKEDTMYVEEF	39	5
>ABL1-E279YKEDTMEVEEF	127	>ABL1-E279YKEDTMYVEEF	91	36
>ABL1-E279YLKEDTMEVEE	49	>ABL1-E279YLKEDTMYVEE	30	19
>ABL1-E279YTLKEDTMEV	75	>ABL1-E279YTLKEDTMYV	30	45
>ABL1-E279YTLKEDTMEV	20	>ABL1-E279YTLKEDTMYV	8	12
>ABL1-E279YTLKEDTMEV	3	>ABL1-E279YTLKEDTMYV	3	0
>ABL1-E279YTLKEDTMEV	141	>ABL1-E279YTLKEDTMYV	44	97
>ABL1-E279YTLKEDTMEV	16	>ABL1-E279YTLKEDTMYV	5	11
>ABL1-E279YTLKEDTMEV	9	>ABL1-E279YTLKEDTMYV	4	5
>ABL1-E279YTLKEDTMEV	24	>ABL1-E279YTLKEDTMYV	12	12
>ABL1-E279YTLKEDTMEV	30	>ABL1-E279YTLKEDTMYV	5	25

>ABL1-E279YTLKEDTMEV	2	>ABL1-E279YTLKEDTMYV	2	0
>ABL1-E279YTLKEDTME	23997	>ABL1-E279YTLKEDTMY	472	23525
>ABL1-E279YTLKEDTME	28299	>ABL1-E279YTLKEDTMY	425	27874
>ABL1-E279YTLKEDTMEV	362	>ABL1-E279YTLKEDTMYV	133	229
>ABL1-E279YTLKEDTMEV	313	>ABL1-E279YTLKEDTMYV	114	199
>ABL1-E279YTLKEDTME	19055	>ABL1-E279YTLKEDTMY	177	18878
>ABL1-E279YTLKEDTME	23908	>ABL1-E279YTLKEDTMY	108	23800
>ABL1-E279YKTLKEDTMEV	176	>ABL1-E279YKTLKEDTMYV	33	143
>ABL1-E279YKTLKEDTMEV	510	>ABL1-E279YKTLKEDTMYV	115	395
>ABL1-E279YKTLKEDTMEV	135	>ABL1-E279YKTLKEDTMYV	51	84
>ABL1-E279YKTLKEDTMEV	59	>ABL1-E279YKTLKEDTMYV	34	25
>ABL1-E279YKTLKEDTMEV	98	>ABL1-E279YKTLKEDTMYV	29	69
>ABL1-E279YKTLKEDTMEV	200	>ABL1-E279YKTLKEDTMYV	64	136
>ABL1-E279YKTLKEDTMEV	48	>ABL1-E279YKTLKEDTMYV	23	25
>ABL1-E279YKTLKEDTMEV	1929	>ABL1-E279YKTLKEDTMYV	339	1590
>ABL1-E279YKTLKEDTMEV	331	>ABL1-E279YKTLKEDTMYV	281	50
>ABL1-E279YKTLKEDTMEV	404	>ABL1-E279YKTLKEDTMYV	119	285
>ABL1-E279YKTLKEDTME	16553	>ABL1-E279YKTLKEDTMY	146	16407
>ABL1-E279YKTLKEDTMEV	342	>ABL1-E279YKTLKEDTMYV	659	317
>ABL1-E279YKTLKEDTMEV	339	>ABL1-E279YKTLKEDTMYV	157	182
>ABL1-E279YKTLKEDTME	23492	>ABL1-E279YKTLKEDTMY	120	23372
>ABL1-E279YKTLKEDTME	21981	>ABL1-E279YKTLKEDTMY	451	21530
>ABL1-E279YKTLKEDTME	6274	>ABL1-E279YKTLKEDTMY	8	6266
>ABL1-E279YKTLKEDTMEV	314	>ABL1-E279YKTLKEDTMYV	396	82
>ABL1-E279YKTLKEDTME	12426	>ABL1-E279YKTLKEDTMY	186	12240
>ABL1-E279YKTLKEDTME	17557	>ABL1-E279YKTLKEDTMY	163	17394
>ABL1-E279YKTLKEDTME	2437	>ABL1-E279YKTLKEDTMY	12	2425
>ABL1-E282C EEFLKEAAV	132	>ABL1-E282C EGFLKEAAV	19627	19495
>ABL1-E282C EEFLKEAAVM	222	>ABL1-E282C EGFLKEAAVM	21835	21613
>ABL1-E282C EEFLKEAAVM	286	>ABL1-E282C EGFLKEAAVM	110	176
>ABL1-E282C EEFLKEAA	420	>ABL1-E282C EGFLKEAA	38278	37858
>ABL1-E282C EEFLKEAA	34	>ABL1-E282C EGFLKEAA	29618	29584
>ABL1-E282C EEFLKEAAV	134	>ABL1-E282C EGFLKEAAV	34981	34847
>ABL1-E282C VEEFLKEAAV	177	>ABL1-E282C VEGFLKEAAV	1068	891
>ABL1-E282C VEEFLKEA	296	>ABL1-E282C VEGFLKEA	185	111
>ABL1-E282C VEEFLKEAA	207	>ABL1-E282C VEGFLKEAA	134	73
>ABL1-E282C VEEFLKEAAV	276	>ABL1-E282C VEGFLKEAAV	1404	1128
>ABL1-E282C EVEEFLKEAA'	92	>ABL1-E282C EVEGFLKEAA	100	8
>ABL1-E282C EVEEFLKEAA'	47	>ABL1-E282C EVEGFLKEAA	193	146
>ABL1-E282C MEVEEFLK	576	>ABL1-E282C MEVEGFLK	31	545
>ABL1-E282C MEVEEFLKEA	718	>ABL1-E282C MEVEGFLKEA	412	306
>ABL1-E282C MEVEEFLK	1547	>ABL1-E282C MEVEGFLK	415	1132
>ABL1-E282C MEVEEFLKE	664	>ABL1-E282C MEVEGFLKE	173	491



>ABL1-E282CMEVEEFLKEA	110	>ABL1-E282CMEVEGFLKE/	50	60
>ABL1-E282CMEVEEFLKEA	1027	>ABL1-E282CMEVEGFLKE/	318	709
>ABL1-E282CMEVEEFLKEA	261	>ABL1-E282CMEVEGFLKE/	161	100
>ABL1-E282CMEVEEFLKEA	659	>ABL1-E282CMEVEGFLKE/	424	235
>ABL1-E282CMEVEEFLKEA	12	>ABL1-E282CMEVEGFLKE/	9	3
>ABL1-E282CMEVEEFLKE	1701	>ABL1-E282CMEVEGFLKE	449	1252
>ABL1-E282CMEVEEFLKEA	416	>ABL1-E282CMEVEGFLKE/	207	209
>ABL1-E282CTMEVEEFL	78	>ABL1-E282CTMEVEGFL	271	193
>ABL1-E282CTMEVEEFL	187	>ABL1-E282CTMEVEGFL	522	335
>ABL1-E282CTMEVEEFLK	38	>ABL1-E282CTMEVEGFLK	34	4
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>ABL1-E282CDTMEVEEFLK	28	>ABL1-E282CDTMEVEGFLK	15	13
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>ABL1-E282CDTMEVEEF	76	>ABL1-E282CDTMEVEGF	17	59
>ABL1-E282CDTMEVEEFL	919	>ABL1-E282CDTMEVEGFL	42	877
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>ABL1-E282CDTMEVEEF	357	>ABL1-E282CDTMEVEGF	622	265
>ABL1-E282CDTMEVEEFL	573	>ABL1-E282CDTMEVEGFL	413	160
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>ABL1-E282CEDTMEVEEFL	401	>ABL1-E282CEDTMEVEGFL	540	139
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>ABL1-E282CLKEDTMEVEE	49	>ABL1-E282CLKEDTMEVEGFL	131	82
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>ABL1-E292V EIKHPNLVQL	4986	>ABL1-E292V VIKHPNLVQL	486	4500
>ABL1-E292V EIKHPNLV	73	>ABL1-E292V VIKHPNLV	3300	3227
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>ABL1-E292V KEIKHPNL	3103	>ABL1-E292V KVIKHPNL	159	2944
>ABL1-E292V KEIKHPNLV	16845	>ABL1-E292V KVIKHPNLV	156	16689
>ABL1-E292V KEIKHPNLV	7491	>ABL1-E292V KVIKHPNLV	140	7351
>ABL1-E292V KEIKHPNLVQ	9465	>ABL1-E292V KVIKHPNLVQ	211	9254

>ABL1-E292\ KEIKHPNLV	3386	>ABL1-E292\ KVIKHPNLV	14	3372
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>ABL1-E292\ KEIKHPNLV	1723	>ABL1-E292\ KVIKHPNLV	108	1615
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>ABL1-E292\ KEIKHPNL	53	>ABL1-E292\ KVIKHPNL	32047	31994
>ABL1-E292\ KEIKHPNLV	369	>ABL1-E292\ KVIKHPNLV	40182	39813
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>ABL1-E292\ AVMKVIKHPFI	324	>ABL1-E292\ AVMKVIKHPFI	473	149
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>ABL1-E292\FLKEAAMKE	97	>ABL1-E292\FLKEAAMK\	379	282
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>ABL1-E352C MEYLEKKNFI	4	>ABL1-E352C MGYLEKKNFI	66	62
>ABL1-E352C MEYLEKKNF	77	>ABL1-E352C MGYLEKKNF	450	373
>ABL1-E352C MEYLEKKNF	11341	>ABL1-E352C MGYLEKKNF	217	11124
>ABL1-E352C MEYLEKKNF	31	>ABL1-E352C MGYLEKKNF	18867	18836
>ABL1-E352C MEYLEKKNFI	277	>ABL1-E352C MGYLEKKNFI	34738	34461
>ABL1-E352C MEYLEKKNF	183	>ABL1-E352C MGYLEKKNF	20241	20058
>ABL1-E352C MEYLEKKNFI	483	>ABL1-E352C MGYLEKKNFI	23615	23132
>ABL1-E352C MEYLEKKNF	120	>ABL1-E352C MGYLEKKNF	32921	32801
>ABL1-E352C MEYLEKKNFI	28	>ABL1-E352C MGYLEKKNFI	27723	27695
>ABL1-E352C YMATQISSAM	777	>ABL1-E352C YMATQISSAM	155	622
>ABL1-E352C YMATQISSAM	916	>ABL1-E352C YMATQISSAM	150	766
>ABL1-E352C YMATQISSAM	1835	>ABL1-E352C YMATQISSAM	323	1512
>ABL1-E352C YMATQISSAM	2751	>ABL1-E352C YMATQISSAM	473	2278
>ABL1-E352C AMEYLEKKNF	277	>ABL1-E352C AMGYLEKKN	173	104
>ABL1-E352C AMEYLEKKNF	1433	>ABL1-E352C AMGYLEKKN	190	1243
>ABL1-E352C AMEYLEKKNF	981	>ABL1-E352C AMGYLEKKN	234	747
>ABL1-E352C AMEYLEKKNF	3451	>ABL1-E352C AMGYLEKKN	219	3232
>ABL1-E352C AMEYLEKK	414	>ABL1-E352C AMGYLEKK	144	270
>ABL1-E352C AMEYLEKKNF	194	>ABL1-E352C AMGYLEKKN	51	143
>ABL1-E352C SAMEYLEK	691	>ABL1-E352C SAMGYLEK	479	212
>ABL1-E352C SAMEYLEK	9	>ABL1-E352C SAMGYLEK	9	0

>ABL1-E352CSAMEYLEKK	14	>ABL1-E352CSAMGYLEKK	13	1
>ABL1-E352CSAMEYLEK	327	>ABL1-E352CSAMGYLEK	231	96
>ABL1-E352CSAMEYLEK	93	>ABL1-E352CSAMGYLEK	106	13
>ABL1-E352CSAMEYLEKK	60	>ABL1-E352CSAMGYLEKK	75	15
>ABL1-E352CSAMEYLEKKM	99	>ABL1-E352CSAMGYLEKKM	299	200
>ABL1-E352CSAMEYLEKKM	23	>ABL1-E352CSAMGYLEKKM	37	14
>ABL1-E352CSAMEYLEK	147	>ABL1-E352CSAMGYLEK	177	30
>ABL1-E352CSAMEYLEKK	270	>ABL1-E352CSAMGYLEKK	336	66
>ABL1-E352CSSAMEYLEK	602	>ABL1-E352CSSAMGYLEK	188	414
>ABL1-E352CSSAMEYLEKK	612	>ABL1-E352CSSAMGYLEKK	177	435
>ABL1-E352CSSAMEYLEK	9	>ABL1-E352CSSAMGYLEK	9	0
>ABL1-E352CSSAMEYLEKK	16	>ABL1-E352CSSAMGYLEKK	12	4
>ABL1-E352CSSAMEYLEK	224	>ABL1-E352CSSAMGYLEK	64	160
>ABL1-E352CSSAMEYLEK	222	>ABL1-E352CSSAMGYLEK	205	17
>ABL1-E352CSSAMEYLEKK	35	>ABL1-E352CSSAMGYLEKK	19	16
>ABL1-E352CSSAMEYLEK	81	>ABL1-E352CSSAMGYLEK	82	1
>ABL1-E352CSSAMEYLEKK	121	>ABL1-E352CSSAMGYLEKK	128	7
>ABL1-E352CISSAMEYL	686	>ABL1-E352CISSAMGYL	147	539
>ABL1-E352CISSAMEYL	102	>ABL1-E352CISSAMGYL	313	211
>ABL1-E352CISSAMEYLEK	61	>ABL1-E352CISSAMGYLEK	27	34
>ABL1-E352CISSAMEYLEKI	685	>ABL1-E352CISSAMGYLEKI	430	255
>ABL1-E352CISSAMEYLEK	7	>ABL1-E352CISSAMGYLEK	8	1
>ABL1-E352CISSAMEYLEKI	24	>ABL1-E352CISSAMGYLEKI	21	3
>ABL1-E352CISSAMEYLEK	354	>ABL1-E352CISSAMGYLEK	133	221
>ABL1-E352CISSAMEYLEK	50	>ABL1-E352CISSAMGYLEK	81	31
>ABL1-E352CISSAMEYLEKI	80	>ABL1-E352CISSAMGYLEKI	124	44
>ABL1-E352CISSAMEYL	24	>ABL1-E352CISSAMGYL	13	11
>ABL1-E352CISSAMEYL	93	>ABL1-E352CISSAMGYL	387	294
>ABL1-E352CISSAMEYLEK	366	>ABL1-E352CISSAMGYLEK	321	45
>ABL1-E352CQISSAMEYL	6	>ABL1-E352CQISSAMGYL	26	20
>ABL1-E352CQISSAMEYL	398	>ABL1-E352CQISSAMGYL	155	243
>ABL1-E352CQISSAMEYL	126	>ABL1-E352CQISSAMGYL	1051	925
>ABL1-E352CQISSAMEYLE	380	>ABL1-E352CQISSAMGYLE	148	232
>ABL1-E352CQISSAMEYLE	33	>ABL1-E352CQISSAMGYLE	32	1
>ABL1-E352CQISSAMEY	287	>ABL1-E352CQISSAMGY	251	36
>ABL1-E352CQISSAMEYL	166	>ABL1-E352CQISSAMGYL	168	2
>ABL1-E352CQISSAMEY	65	>ABL1-E352CQISSAMGY	87	22
>ABL1-E352CQISSAMEYLE	834	>ABL1-E352CQISSAMGYLE	318	516
>ABL1-E352CQISSAMEY	148	>ABL1-E352CQISSAMGY	99	49
>ABL1-E352CQISSAMEYLE	148	>ABL1-E352CQISSAMGYLE	176	28
>ABL1-E352CQISSAMEYL	28	>ABL1-E352CQISSAMGYL	58	30
>ABL1-E352CQISSAMEYL	238	>ABL1-E352CQISSAMGYL	282	44
>ABL1-E352CQISSAMEY	128	>ABL1-E352CQISSAMGY	195	67

>ABL1-E352CQISSAMEY	293	>ABL1-E352CQISSAMGY	330	37
>ABL1-E352CQISSAMEY	483	>ABL1-E352CQISSAMGY	1384	901
>ABL1-E352CQISSAMEY	212	>ABL1-E352CQISSAMGY	6013	5801
>ABL1-E352CTQISSAMEYL	442	>ABL1-E352CTQISSAMGYL	449	7
>ABL1-E352CTQISSAMEYL	31	>ABL1-E352CTQISSAMGYL	72	41
>ABL1-E352CTQISSAMEYL	135	>ABL1-E352CTQISSAMGYL	81	54
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>ABL1-E352CTQISSAMEY	186	>ABL1-E352CTQISSAMGY	272	86
>ABL1-E352CTQISSAMEY	792	>ABL1-E352CTQISSAMGY	498	294
>ABL1-E352CTQISSAMEYL	410	>ABL1-E352CTQISSAMGYL	363	47
>ABL1-E352CTQISSAMEY	4308	>ABL1-E352CTQISSAMGY	290	4018
>ABL1-E352CTQISSAMEY	106	>ABL1-E352CTQISSAMGY	189	83
>ABL1-E352CTQISSAMEY	302	>ABL1-E352CTQISSAMGY	311	9
>ABL1-E352CTQISSAMEY	156	>ABL1-E352CTQISSAMGY	367	211
>ABL1-E352CTQISSAMEY	48	>ABL1-E352CTQISSAMGY	47	1
>ABL1-E352CTQISSAMEYL	347	>ABL1-E352CTQISSAMGYL	443	96
>ABL1-E352CTQISSAMEY	164	>ABL1-E352CTQISSAMGY	94	70
>ABL1-E352CTQISSAMEY	3	>ABL1-E352CTQISSAMGY	5	2
>ABL1-E352CTQISSAMEYL	42	>ABL1-E352CTQISSAMGYL	130	88
>ABL1-E352CTQISSAMEYL	61	>ABL1-E352CTQISSAMGYL	79	18
>ABL1-E352CATQISSAMEY	30	>ABL1-E352CATQISSAMGY	40	10
>ABL1-E352CATQISSAMEY	392	>ABL1-E352CATQISSAMGY	1448	1056
>ABL1-E352CATQISSAMEY	630	>ABL1-E352CATQISSAMGY	448	182
>ABL1-E352CATQISSAMEY	59	>ABL1-E352CATQISSAMGY	108	49
>ABL1-E352CATQISSAMEY	136	>ABL1-E352CATQISSAMGY	110	26
>ABL1-E352CATQISSAMEY	68	>ABL1-E352CATQISSAMGY	125	57
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>ABL1-E352CATQISSAMEY	146	>ABL1-E352CATQISSAMGY	155	9
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>ABL1-E352CATQISSAMEY	3	>ABL1-E352CATQISSAMGY	3	0
>ABL1-E352CATQISSAMEY	9	>ABL1-E352CATQISSAMGY	7	2
>ABL1-E352CATQISSAMEY	32	>ABL1-E352CATQISSAMGY	46	14
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>ABL1-E352CATQISSAMEY	285	>ABL1-E352CATQISSAMGY	178	107
>ABL1-E352CMATQISSAM	56	>ABL1-E352CMATQISSAM	92	36
>ABL1-E352CMATQISSAM	140	>ABL1-E352CMATQISSAM	155	15
>ABL1-E352CMATQISSAM	43	>ABL1-E352CMATQISSAM	61	18
>ABL1-E352CMATQISSAM	122	>ABL1-E352CMATQISSAM	230	108
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>ABL1-E352CMATQISSAM	8	>ABL1-E352CMATQISSAM	10	2
>ABL1-E352CMATQISSAM	191	>ABL1-E352CMATQISSAM	487	296



>ABL1-E352C MATQISSAM	73	>ABL1-E352C MATQISSAM	133	60
>ABL1-E352C MATQISSAM	37	>ABL1-E352C MATQISSAM	68	31
>ABL1-E352C MATQISSAM	94	>ABL1-E352C MATQISSAM	2671	2577
>ABL1-E352C MATQISSAM	115	>ABL1-E352C MATQISSAM	95	20
>ABL1-E355A EKKNFIHR	5517	>ABL1-E355A AKKNFIHR	398	5119
>ABL1-E355A EKKNFIHR	464	>ABL1-E355A AKKNFIHR	8327	7863
>ABL1-E355A EKKNFIHR	177	>ABL1-E355A AKKNFIHR	5622	5445
>ABL1-E355A EKKNFIHR	1575	>ABL1-E355A AKKNFIHR	182	1393
>ABL1-E355A EKKNFIHRDL	534	>ABL1-E355A AKKNFIHRDL	63	471
>ABL1-E355A EKKNFIHR	154	>ABL1-E355A AKKNFIHR	818	664
>ABL1-E355A LEKKNFIHR	10906	>ABL1-E355A LAKKNFIHR	214	10692
>ABL1-E355A LEKKNFIHR	387	>ABL1-E355A LAKKNFIHR	12	375
>ABL1-E355A LEKKNFIHR	5149	>ABL1-E355A LAKKNFIHR	176	4973
>ABL1-E355A LEKKNFIHR	5129	>ABL1-E355A LAKKNFIHR	156	4973
>ABL1-E355A LEKKNFIHRDI	1686	>ABL1-E355A LAKKNFIHRD	205	1481
>ABL1-E355A LEKKNFIHRDI	238	>ABL1-E355A LAKKNFIHRD	21326	21088
>ABL1-E355A LEKKNFIHRDI	181	>ABL1-E355A LAKKNFIHRD	36236	36055
>ABL1-E355A LEKKNFIHRDI	290	>ABL1-E355A LAKKNFIHRD	29261	28971
>ABL1-E355A LEKKNFIHR	115	>ABL1-E355A LAKKNFIHR	134	19
>ABL1-E355A TQISSAMEYL	11605	>ABL1-E355A TQISSAMEYL	74	11531
>ABL1-E355A YLEKKNFI	313	>ABL1-E355A YLAKKNFI	21	292
>ABL1-E355A YLEKKNFI	23	>ABL1-E355A YLAKKNFI	4	19
>ABL1-E355A YLEKKNFIHRI	5389	>ABL1-E355A YLAKKNFIHRI	441	4948
>ABL1-E355A YLEKKNFI	306	>ABL1-E355A YLAKKNFI	8	298
>ABL1-E355A YLEKKNFI	590	>ABL1-E355A YLAKKNFI	34	556
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>ABL1-E355A YLEKKNFI	24	>ABL1-E355A YLAKKNFI	9	15
>ABL1-E355A YLEKKNFI	146	>ABL1-E355A YLAKKNFI	9	137
>ABL1-E355A YLEKKNFI	1725	>ABL1-E355A YLAKKNFI	17	1708
>ABL1-E355A YLEKKNFI	19	>ABL1-E355A YLAKKNFI	5	14
>ABL1-E355A YLEKKNFIHRI	1389	>ABL1-E355A YLAKKNFIHRI	352	1037
>ABL1-E355A YLEKKNFIHR	517	>ABL1-E355A YLAKKNFIHR	169	348
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>ABL1-E355A YLEKKNFI	8692	>ABL1-E355A YLAKKNFI	423	8269
>ABL1-E355A YLEKKNFI	789	>ABL1-E355A YLAKKNFI	297	492
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>ABL1-E355A YLEKKNFIHR	68	>ABL1-E355A YLAKKNFIHR	52	16
>ABL1-E355A EYLEKKNFI	554	>ABL1-E355A EYLAKKNFI	42	512
>ABL1-E355A EYLEKKNFI	117	>ABL1-E355A EYLAKKNFI	227	110
>ABL1-E355A EYLEKKNF	213	>ABL1-E355A EYLAKKNF	160	53
>ABL1-E355A EYLEKKNF	27	>ABL1-E355A EYLAKKNF	26	1
>ABL1-E355A EYLEKKNFI	86	>ABL1-E355A EYLAKKNFI	68	18
>ABL1-E355A EYLEKKNFIHF	154	>ABL1-E355A EYLAKKNFIHF	76	78

>ABL1-E355A EYLEKKNFIHF	10	>ABL1-E355A EYLAKKNFIHF	13	3
>ABL1-E355A EYLEKKNFIHF	172	>ABL1-E355A EYLAKKNFIHF	173	1
>ABL1-E355A EYLEKKNFIHF	13	>ABL1-E355A EYLAKKNFIHF	11	2
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>ABL1-E355A MEYLEKKNFI	4	>ABL1-E355A MEYLAKKNFI	3	1
>ABL1-E355A MEYLEKKNF	77	>ABL1-E355A MEYLAKKNF	48	29
>ABL1-E355A MEYLEKKNF	31	>ABL1-E355A MEYLAKKNF	8	23
>ABL1-E355A MEYLEKKNFI	548	>ABL1-E355A MEYLAKKNFI	151	397
>ABL1-E355A MEYLEKKNF	853	>ABL1-E355A MEYLAKKNF	388	465
>ABL1-E355A MEYLEKKNFI	277	>ABL1-E355A MEYLAKKNFI	250	27
>ABL1-E355A MEYLEKKNF	183	>ABL1-E355A MEYLAKKNF	153	30
>ABL1-E355A MEYLEKKNFI	483	>ABL1-E355A MEYLAKKNFI	295	188
>ABL1-E355A MEYLEKKNF	120	>ABL1-E355A MEYLAKKNF	54	66
>ABL1-E355A MEYLEKKNFI	688	>ABL1-E355A MEYLAKKNFI	322	366
>ABL1-E355A MEYLEKKNFI	507	>ABL1-E355A MEYLAKKNFI	223	284
>ABL1-E355A MEYLEKKNF	532	>ABL1-E355A MEYLAKKNF	284	248
>ABL1-E355A MEYLEKKNFI	28	>ABL1-E355A MEYLAKKNFI	27	1
>ABL1-E355A AMEYLEKKNF	277	>ABL1-E355A AMEYLAKKNI	230	47
>ABL1-E355A AMEYLEKK	414	>ABL1-E355A AMEYLAKK	214	200
>ABL1-E355A AMEYLEKKNF	194	>ABL1-E355A AMEYLAKKNI	129	65
>ABL1-E355A SAMEYLEKKN	1042	>ABL1-E355A SAMEYLAKKN	478	564
>ABL1-E355A SAMEYLEK	691	>ABL1-E355A SAMEYLAK	300	391
>ABL1-E355A SAMEYLEKK	3031	>ABL1-E355A SAMEYLAKK	280	2751
>ABL1-E355A SAMEYLEK	9	>ABL1-E355A SAMEYLAK	10	1
>ABL1-E355A SAMEYLEKK	14	>ABL1-E355A SAMEYLAKK	10	4
>ABL1-E355A SAMEYLEK	327	>ABL1-E355A SAMEYLAK	110	217
>ABL1-E355A SAMEYLEKK	4554	>ABL1-E355A SAMEYLAKK	267	4287
>ABL1-E355A SAMEYLEKK	1564	>ABL1-E355A SAMEYLAKK	246	1318
>ABL1-E355A SAMEYLEK	93	>ABL1-E355A SAMEYLAK	128	35
>ABL1-E355A SAMEYLEKK	60	>ABL1-E355A SAMEYLAKK	34	26
>ABL1-E355A SAMEYLEKKN	99	>ABL1-E355A SAMEYLAKKNI	75	24
>ABL1-E355A SAMEYLEKKN	23	>ABL1-E355A SAMEYLAKKNI	12	11
>ABL1-E355A SAMEYLEK	147	>ABL1-E355A SAMEYLAK	150	3
>ABL1-E355A SAMEYLEKK	270	>ABL1-E355A SAMEYLAKK	369	99
>ABL1-E355A SSAMEYLEK	602	>ABL1-E355A SSAMEYLAK	391	211
>ABL1-E355A SSAMEYLEKK	612	>ABL1-E355A SSAMEYLAKK	214	398
>ABL1-E355A SSAMEYLEK	9	>ABL1-E355A SSAMEYLAK	10	1
>ABL1-E355A SSAMEYLEKK	16	>ABL1-E355A SSAMEYLAKK	17	1
>ABL1-E355A SSAMEYLEK	224	>ABL1-E355A SSAMEYLAK	122	102
>ABL1-E355A SSAMEYLEKK	2146	>ABL1-E355A SSAMEYLAKK	372	1774
>ABL1-E355A SSAMEYLEK	222	>ABL1-E355A SSAMEYLAK	343	121
>ABL1-E355A SSAMEYLEKK	35	>ABL1-E355A SSAMEYLAKK	20	15

>ABL1-E355A SSAMEYLEK	81	>ABL1-E355A SSAMEYLAK	79	2
>ABL1-E355A SSAMEYLEKK	121	>ABL1-E355A SSAMEYLAKK	158	37
>ABL1-E355A ISSAMEYLEK	61	>ABL1-E355A ISSAMEYLAK	54	7
>ABL1-E355A ISSAMEYLEKI	685	>ABL1-E355A ISSAMEYLAKI	173	512
>ABL1-E355A ISSAMEYLEK	7	>ABL1-E355A ISSAMEYLAK	9	2
>ABL1-E355A ISSAMEYLEKI	24	>ABL1-E355A ISSAMEYLAKI	17	7
>ABL1-E355A ISSAMEYLEK	354	>ABL1-E355A ISSAMEYLAK	230	124
>ABL1-E355A ISSAMEYLEK	50	>ABL1-E355A ISSAMEYLAK	60	10
>ABL1-E355A ISSAMEYLEKI	80	>ABL1-E355A ISSAMEYLAKI	62	18
>ABL1-E355A ISSAMEYLEK	366	>ABL1-E355A ISSAMEYLAK	433	67
>ABL1-E355A QISSAMEYLE	8738	>ABL1-E355A QISSAMEYLA	125	8613
>ABL1-E355A QISSAMEYLE	380	>ABL1-E355A QISSAMEYLA	280	100
>ABL1-E355A QISSAMEYLE	33	>ABL1-E355A QISSAMEYLA	44	11
>ABL1-E355A QISSAMEYLE	148	>ABL1-E355A QISSAMEYLA	235	87
>ABL1-E355C EKKNFIHR	464	>ABL1-E355C GKKNFIHR	8356	7892
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>ABL1-E355C EKKNFIHRDL	534	>ABL1-E355C GKKNFIHRDL	339	195
>ABL1-E355C EKKNFIHR	154	>ABL1-E355C GKKNFIHR	930	776
>ABL1-E355C LEKKNFIHR	387	>ABL1-E355C LGKKNFIHR	51	336
>ABL1-E355C LEKKNFIHRDI	238	>ABL1-E355C LGKKNFIHRD	23074	22836
>ABL1-E355C LEKKNFIHRDI	181	>ABL1-E355C LGKKNFIHRD	38697	38516
>ABL1-E355C LEKKNFIHRDI	290	>ABL1-E355C LGKKNFIHRD	32400	32110
>ABL1-E355C LEKKNFIHR	115	>ABL1-E355C LGKKNFIHR	84	31
>ABL1-E355C YLEKKNFI	313	>ABL1-E355C YLGKKNFI	83	230
>ABL1-E355C YLEKKNFI	23	>ABL1-E355C YLGKKNFI	16	7
>ABL1-E355C YLEKKNFI	306	>ABL1-E355C YLGKKNFI	68	238
>ABL1-E355C YLEKKNFI	590	>ABL1-E355C YLGKKNFI	376	214
>ABL1-E355C YLEKKNFI	57	>ABL1-E355C YLGKKNFI	8	49
>ABL1-E355C YLEKKNFI	24	>ABL1-E355C YLGKKNFI	8	16
>ABL1-E355C YLEKKNFI	146	>ABL1-E355C YLGKKNFI	14	132
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>ABL1-E355C YLEKKNFI	19	>ABL1-E355C YLGKKNFI	9	10
>ABL1-E355C YLEKKNFIHR	517	>ABL1-E355C YLGKKNFIHR	211	306
>ABL1-E355C YLEKKNFIHR	398	>ABL1-E355C YLGKKNFIHR	188	210
>ABL1-E355C YLEKKNFIHR	68	>ABL1-E355C YLGKKNFIHR	43	25
>ABL1-E355C EYLEKKNFI	554	>ABL1-E355C EYLGKKNFI	235	319
>ABL1-E355C EYLEKKNFI	117	>ABL1-E355C EYLGKKNFI	327	210
>ABL1-E355C EYLEKKNF	213	>ABL1-E355C EYLGKKNF	205	8
>ABL1-E355C EYLEKKNF	27	>ABL1-E355C EYLGKKNF	23	4
>ABL1-E355C EYLEKKNFI	86	>ABL1-E355C EYLGKKNFI	56	30
>ABL1-E355C EYLEKKNFIHF	154	>ABL1-E355C EYLGKKNFIHI	163	9
>ABL1-E355C EYLEKKNFIHF	10	>ABL1-E355C EYLGKKNFIHI	12	2
>ABL1-E355C EYLEKKNFIHF	172	>ABL1-E355C EYLGKKNFIHI	244	72

>ABL1-E355C EYLEKKNFIHF	13	>ABL1-E355C EYLGKKNFIHI	12	1
>ABL1-E355C EYLEKKNFI	798	>ABL1-E355C EYLGKKNFI	316	482
>ABL1-E355C MEYLEKKN	714	>ABL1-E355C MEYLGKKN	35	679
>ABL1-E355C MEYLEKKNF	21	>ABL1-E355C MEYLGKKNF	20	1
>ABL1-E355C MEYLEKKNFI	4	>ABL1-E355C MEYLGKKNFI	4	0
>ABL1-E355C MEYLEKKNF	77	>ABL1-E355C MEYLGKKNF	60	17
>ABL1-E355C MEYLEKKNF	31	>ABL1-E355C MEYLGKKNF	13	18
>ABL1-E355C MEYLEKKNFI	548	>ABL1-E355C MEYLGKKNFI	235	313
>ABL1-E355C MEYLEKKNF	853	>ABL1-E355C MEYLGKKNF	365	488
>ABL1-E355C MEYLEKKNFI	277	>ABL1-E355C MEYLGKKNFI	286	9
>ABL1-E355C MEYLEKKNF	183	>ABL1-E355C MEYLGKKNF	280	97
>ABL1-E355C MEYLEKKNFI	483	>ABL1-E355C MEYLGKKNFI	718	235
>ABL1-E355C MEYLEKKNF	120	>ABL1-E355C MEYLGKKNF	131	11
>ABL1-E355C MEYLEKKNFI	507	>ABL1-E355C MEYLGKKNFI	369	138
>ABL1-E355C MEYLEKKNF	532	>ABL1-E355C MEYLGKKNF	211	321
>ABL1-E355C MEYLEKKNFI	28	>ABL1-E355C MEYLGKKNFI	81	53
>ABL1-E355C AMEYLEKKNF	277	>ABL1-E355C AMEYLGKKN	276	1
>ABL1-E355C AMEYLEKK	414	>ABL1-E355C AMEYLGKK	430	16
>ABL1-E355C AMEYLEKKNF	194	>ABL1-E355C AMEYLGKKN	116	78
>ABL1-E355C SAMEYLEK	691	>ABL1-E355C SAMEYLGK	383	308
>ABL1-E355C SAMEYLEKK	3031	>ABL1-E355C SAMEYLGKK	378	2653
>ABL1-E355C SAMEYLEK	9	>ABL1-E355C SAMEYLGK	12	3
>ABL1-E355C SAMEYLEKK	14	>ABL1-E355C SAMEYLGKK	16	2
>ABL1-E355C SAMEYLEK	327	>ABL1-E355C SAMEYLGK	366	39
>ABL1-E355C SAMEYLEK	93	>ABL1-E355C SAMEYLGK	143	50
>ABL1-E355C SAMEYLEKK	60	>ABL1-E355C SAMEYLGKK	118	58
>ABL1-E355C SAMEYLEKKN	99	>ABL1-E355C SAMEYLGKKF	167	68
>ABL1-E355C SAMEYLEKKN	23	>ABL1-E355C SAMEYLGKKF	15	8
>ABL1-E355C SAMEYLEK	147	>ABL1-E355C SAMEYLGK	197	50
>ABL1-E355C SAMEYLEKK	270	>ABL1-E355C SAMEYLGKK	335	65
>ABL1-E355C SSAMEYLEKK	612	>ABL1-E355C SSAMEYLGKK	331	281
>ABL1-E355C SSAMEYLEK	9	>ABL1-E355C SSAMEYLGK	12	3
>ABL1-E355C SSAMEYLEKK	16	>ABL1-E355C SSAMEYLGKK	28	12
>ABL1-E355C SSAMEYLEK	224	>ABL1-E355C SSAMEYLGK	411	187
>ABL1-E355C SSAMEYLEK	222	>ABL1-E355C SSAMEYLGK	320	98
>ABL1-E355C SSAMEYLEKK	35	>ABL1-E355C SSAMEYLGKK	190	155
>ABL1-E355C SSAMEYLEK	81	>ABL1-E355C SSAMEYLGK	91	10
>ABL1-E355C SSAMEYLEKK	121	>ABL1-E355C SSAMEYLGKK	138	17
>ABL1-E355C ISSAMEYLEK	61	>ABL1-E355C ISSAMEYLGK	48	13
>ABL1-E355C ISSAMEYLEKI	685	>ABL1-E355C ISSAMEYLGK	206	479
>ABL1-E355C ISSAMEYLEK	7	>ABL1-E355C ISSAMEYLGK	10	3
>ABL1-E355C ISSAMEYLEKI	24	>ABL1-E355C ISSAMEYLGK	29	5
>ABL1-E355C ISSAMEYLEK	354	>ABL1-E355C ISSAMEYLGK	555	201

>ABL1-E355C ISSAMEYLEK	50	>ABL1-E355C ISSAMEYLGK	68	18
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>ABL1-E355C ISSAMEYLEK	366	>ABL1-E355C ISSAMEYLGK	501	135
>ABL1-E355C QISSAMEYLE	380	>ABL1-E355C QISSAMEYLG	337	43
>ABL1-E355C QISSAMEYLE	33	>ABL1-E355C QISSAMEYLG	56	23
>ABL1-E355C QISSAMEYLE	148	>ABL1-E355C QISSAMEYLG	219	71
>ABL1-E373C GENHLVKV	375	>ABL1-E373C GGNHLVKV	24190	23815
>ABL1-E373C GENHLVKV	247	>ABL1-E373C GGNHLVKV	33174	32927
>ABL1-E373C GENHLVKVA	86	>ABL1-E373C GGNHLVKVA	30184	30098
>ABL1-E373C GENHLVKVAI	476	>ABL1-E373C GGNHLVKVA	34283	33807
>ABL1-E373C GENHLVKVAI	147	>ABL1-E373C GGNHLVKVA	17884	17737
>ABL1-E373C GENHLVKVAI	79	>ABL1-E373C GGNHLVKVA	26923	26844
>ABL1-E373C GENHLVKV	299	>ABL1-E373C GGNHLVKV	39016	38717
>ABL1-E373C GENHLVKVA	58	>ABL1-E373C GGNHLVKVA	32702	32644
>ABL1-E373C GENHLVKVAI	116	>ABL1-E373C GGNHLVKVA	36264	36148
>ABL1-E373C LVGENHLV	173	>ABL1-E373C LVGGNHLV	242	69
>ABL1-E373C LVGENHLV	361	>ABL1-E373C LVGGNHLV	740	379
>ABL1-E373C LVGENHLVK\	318	>ABL1-E373C LVGGNHLVK\	283	35
>ABL1-E373C LVGENHLV	140	>ABL1-E373C LVGGNHLV	301	161
>ABL1-E373C LVGENHLVK\	494	>ABL1-E373C LVGGNHLVK\	510	16
>ABL1-E373C LVGENHLV	21	>ABL1-E373C LVGGNHLV	41	20
>ABL1-E373C LVGENHLVK\	17	>ABL1-E373C LVGGNHLVK\	42	25
>ABL1-E373C LVGENHLV	93	>ABL1-E373C LVGGNHLV	558	465
>ABL1-E373C LVGENHLVK\	125	>ABL1-E373C LVGGNHLVK\	861	736
>ABL1-E373C LVGENHLV	128	>ABL1-E373C LVGGNHLV	240	112
>ABL1-E373C LVGENHLVK\	187	>ABL1-E373C LVGGNHLVK\	481	294
>ABL1-E373C LVGENHLV	120	>ABL1-E373C LVGGNHLV	197	77
>ABL1-E373C LVGENHLVK\	245	>ABL1-E373C LVGGNHLVK\	531	286
>ABL1-E373C LVGENHLV	5	>ABL1-E373C LVGGNHLV	4	1
>ABL1-E373C LVGENHLVK\	5	>ABL1-E373C LVGGNHLVK\	5	0
>ABL1-E373C LVGENHLVK	517	>ABL1-E373C LVGGNHLVK	470	47
>ABL1-E373C LVGENHLVK	127	>ABL1-E373C LVGGNHLVK	138	11
>ABL1-E373C LVGENHLVK	290	>ABL1-E373C LVGGNHLVK	250	40
>ABL1-E373C LVGENHLV	527	>ABL1-E373C LVGGNHLV	466	61
>ABL1-E373C LVGENHLV	87	>ABL1-E373C LVGGNHLV	418	331
>ABL1-E373C LVGENHLVK\	236	>ABL1-E373C LVGGNHLVK\	1140	904
>ABL1-E373C CLVGENHLV	111	>ABL1-E373C CLVGGNHLV	79	32
>ABL1-E373C CLVGENHLVK	147	>ABL1-E373C CLVGGNHLVI	113	34
>ABL1-E373C CLVGENHL	64	>ABL1-E373C CLVGGNHL	100	36
>ABL1-E373C CLVGENHLV	10	>ABL1-E373C CLVGGNHLV	15	5
>ABL1-E373C CLVGENHLVK	23	>ABL1-E373C CLVGGNHLVI	34	11
>ABL1-E373C CLVGENHL	1112	>ABL1-E373C CLVGGNHL	353	759
>ABL1-E373C CLVGENHLV	58	>ABL1-E373C CLVGGNHLV	23	35

>ABL1-E373CCLVGENHLVK	41	>ABL1-E373CCLVGGNHLVI	23	18
>ABL1-E373CCLVGENHLV	245	>ABL1-E373CCLVGGNHLV	58	187
>ABL1-E373CCLVGENHLVK	147	>ABL1-E373CCLVGGNHLVI	64	83
>ABL1-E373CCLVGENHL	700	>ABL1-E373CCLVGGNHL	307	393
>ABL1-E373CCLVGENHLV	17	>ABL1-E373CCLVGGNHLV	8	9
>ABL1-E373CCLVGENHLVK	12	>ABL1-E373CCLVGGNHLVI	8	4
>ABL1-E373CCLVGENHL	554	>ABL1-E373CCLVGGNHL	354	200
>ABL1-E373CCLVGENHLV	41	>ABL1-E373CCLVGGNHLV	24	17
>ABL1-E373CCLVGENHLVK	43	>ABL1-E373CCLVGGNHLVI	30	13
>ABL1-E373CCLVGENHLV	55	>ABL1-E373CCLVGGNHLV	19	36
>ABL1-E373CCLVGENHLVK	67	>ABL1-E373CCLVGGNHLVI	31	36
>ABL1-E373CCLVGENHLV	20	>ABL1-E373CCLVGGNHLV	12	8
>ABL1-E373CCLVGENHLVK	31	>ABL1-E373CCLVGGNHLVI	19	12
>ABL1-E373CCLVGENHL	29	>ABL1-E373CCLVGGNHL	18	11
>ABL1-E373CCLVGENHLV	3	>ABL1-E373CCLVGGNHLV	2	1
>ABL1-E373CCLVGENHLVK	3	>ABL1-E373CCLVGGNHLVI	2	1
>ABL1-E373CCLVGENHLVK	136	>ABL1-E373CCLVGGNHLVI	53	83
>ABL1-E373CCLVGENHLVK	365	>ABL1-E373CCLVGGNHLVI	183	182
>ABL1-E373CCLVGENHLV	1144	>ABL1-E373CCLVGGNHLV	245	899
>ABL1-E373CNCLVGENHL	489	>ABL1-E373CNCLVGGNHL	155	334
>ABL1-E373CARNCLVGENI	556	>ABL1-E373CARNCLVGGN	341	215
>ABL1-E373CARNCLVGENI	294	>ABL1-E373CARNCLVGGN	181	113
>ABL1-E373CARNCLVGENI	159	>ABL1-E373CARNCLVGGN	106	53
>ABL1-E450AELLEKDYRM	3319	>ABL1-E450AALLEKDYRM	38	3281
>ABL1-E450AELLEKDYRM	3824	>ABL1-E450AALLEKDYRM	349	3475
>ABL1-E450AELLEKDYRM	94	>ABL1-E450AALLEKDYRM	9	85
>ABL1-E450AELLEKDYRM	116	>ABL1-E450AALLEKDYRM	10	106
>ABL1-E450AELLEKDYRM	737	>ABL1-E450AALLEKDYRM	31	706
>ABL1-E450AELLEKDYRM	53	>ABL1-E450AALLEKDYRM	40	13
>ABL1-E450AELLEKDYRM	730	>ABL1-E450AALLEKDYRM	18	712
>ABL1-E450AELLEKDYRM	459	>ABL1-E450AALLEKDYRM	9928	9469
>ABL1-E450AELLEKDYR	1041	>ABL1-E450AALLEKDYR	51	990
>ABL1-E450AELLEKDYRME	675	>ABL1-E450AALLEKDYRME	41	634
>ABL1-E450AELLEKDYR	55	>ABL1-E450AALLEKDYR	1309	1254
>ABL1-E450AELLEKDYRME	24	>ABL1-E450AALLEKDYRME	462	438
>ABL1-E450AELLEKDYR	53	>ABL1-E450AALLEKDYR	2704	2651
>ABL1-E450AELLEKDYRME	51	>ABL1-E450AALLEKDYRME	2314	2263
>ABL1-E450AELLEKDYR	52	>ABL1-E450AALLEKDYR	215	163
>ABL1-E450AELLEKDYRME	168	>ABL1-E450AALLEKDYRME	621	453
>ABL1-E450AYELLEKDY	80	>ABL1-E450AYALLEKDY	30436	30356
>ABL1-E450AYELLEKDYRM	364	>ABL1-E450AYALLEKDYRM	25631	25267
>ABL1-E450AYELLEKDYRM	6069	>ABL1-E450AYALLEKDYRM	432	5637
>ABL1-E450AYELLEKDYR	7876	>ABL1-E450AYALLEKDYR	299	7577

>ABL1-E450AYELLEKDYR	4340	>ABL1-E450AYALLEKDYR	52	4288
>ABL1-E450AYELLEKDY	21150	>ABL1-E450AYALLEKDY	81	21069
>ABL1-E450AYELLEKDYRM	21205	>ABL1-E450AYALLEKDYRM	126	21079
>ABL1-E450AYELLEKDY	63	>ABL1-E450AYALLEKDY	13633	13570
>ABL1-E450AYELLEKDY	8135	>ABL1-E450AYALLEKDY	117	8018
>ABL1-E450AYELLEKDY	381	>ABL1-E450AYALLEKDY	33769	33388
>ABL1-E450AYELLEKDYRM	115	>ABL1-E450AYALLEKDYRM	29504	29389
>ABL1-E450AYELLEKDYR	126	>ABL1-E450AYALLEKDYR	149	23
>ABL1-E450AYPGIDLSQVYI	7590	>ABL1-E450AYPGIDLSQVYI	258	7332
>ABL1-E450AVYELLEKDYR	512	>ABL1-E450AVYALLEKDYR	314	198
>ABL1-E450AVYELLEKDY	483	>ABL1-E450AVYALLEKDY	495	12
>ABL1-E450AVYELLEKDYR	50	>ABL1-E450AVYALLEKDYR	34	16
>ABL1-E450AQVYELLEK	96	>ABL1-E450AQVYALLEK	62	34
>ABL1-E450AQVYELLEK	23	>ABL1-E450AQVYALLEK	18	5
>ABL1-E450AQVYELLEKDY	288	>ABL1-E450AQVYALLEKDY	172	116
>ABL1-E450AQVYELLEKDY	71	>ABL1-E450AQVYALLEKDY	108	37
>ABL1-E450AQVYELLEK	712	>ABL1-E450AQVYALLEK	178	534
>ABL1-E450AQVYELLEKDY	76	>ABL1-E450AQVYALLEKDY	41	35
>ABL1-E450AQVYELLEKDY	246	>ABL1-E450AQVYALLEKDY	416	170
>ABL1-E450AQVYELLEK	49	>ABL1-E450AQVYALLEK	43	6
>ABL1-E450AQVYELLEKDY	12	>ABL1-E450AQVYALLEKDY	12	0
>ABL1-E450AQVYELLEKDY	347	>ABL1-E450AQVYALLEKDY	137	210
>ABL1-E450AQVYELLEKDY	399	>ABL1-E450AQVYALLEKDY	516	117
>ABL1-E450AQVYELLEKDY	65	>ABL1-E450AQVYALLEKDY	40	25
>ABL1-E450ASQVYELLEK	48	>ABL1-E450ASQVYALLEK	32	16
>ABL1-E450ASQVYELLEKDY	291	>ABL1-E450ASQVYALLEKDY	190	101
>ABL1-E450ASQVYELLEKDY	33	>ABL1-E450ASQVYALLEKDY	26	7
>ABL1-E450ALSQVYELL	162	>ABL1-E450ALSQVYALL	8	154
>ABL1-E450ALSQVYELLEK	459	>ABL1-E450ALSQVYALLEK	170	289
>ABL1-E450ALSQVYELLEK	29	>ABL1-E450ALSQVYALLEK	23	6
>ABL1-E450ALSQVYELLEK	791	>ABL1-E450ALSQVYALLEK	183	608
>ABL1-E450ALSQVYELL	411	>ABL1-E450ALSQVYALL	45	366
>ABL1-E450ALSQVYELL	507	>ABL1-E450ALSQVYALL	410	97
>ABL1-E450ALSQVYELL	498	>ABL1-E450ALSQVYALL	139	359
>ABL1-E450ALSQVYELLEK	479	>ABL1-E450ALSQVYALLEK	418	61
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>ABL1-E450DLSQVYEL	123	>ABL1-E450DLSQVYAL	140	17
>ABL1-E450DLSQVYELL	169	>ABL1-E450DLSQVYALL	138	31
>ABL1-E450DLSQVYEL	170	>ABL1-E450DLSQVYAL	178	8
>ABL1-E450DLSQVYEL	232	>ABL1-E450DLSQVYAL	479	247
>ABL1-E450DLSQVYELL	729	>ABL1-E450DLSQVYALL	462	267
>ABL1-E450DLSQVYEL	177	>ABL1-E450DLSQVYAL	195	18
>ABL1-E450DLSQVYEL	71	>ABL1-E450DLSQVYAL	161	90

>ABL1-E450A DLSQVYELL	308	>ABL1-E450A DLSQVYALL	99	209
>ABL1-E450A DLSQVYELLEI	174	>ABL1-E450A DLSQVYALLEI	114	60
>ABL1-E450A IDLSQVYEL	599	>ABL1-E450A IDLSQVYAL	408	191
>ABL1-E450A IDLSQVYEL	93	>ABL1-E450A IDLSQVYAL	101	8
>ABL1-E450A IDLSQVYELL	99	>ABL1-E450A IDLSQVYALL	131	32
>ABL1-E450A GIDLSQVYEL	549	>ABL1-E450A GIDLSQVYAL	436	113
>ABL1-E450A GIDLSQVYELI	375	>ABL1-E450A GIDLSQVYALI	352	23
>ABL1-E450A GIDLSQVYEL	330	>ABL1-E450A GIDLSQVYAL	330	0
>ABL1-E450A GIDLSQVYEL	227	>ABL1-E450A GIDLSQVYAL	138	89
>ABL1-E450A GIDLSQVYEL	230	>ABL1-E450A GIDLSQVYAL	624	394
>ABL1-E450C ELLEKDYRM	3319	>ABL1-E450C GLLLEKDYRM	60	3259
>ABL1-E450C ELLEKDYRM	94	>ABL1-E450C GLLLEKDYRM	14	80
>ABL1-E450C ELLEKDYRM	116	>ABL1-E450C GLLLEKDYRM	7	109
>ABL1-E450C ELLEKDYRM	737	>ABL1-E450C GLLLEKDYRM	29	708
>ABL1-E450C ELLEKDYRM	53	>ABL1-E450C GLLLEKDYRM	135	82
>ABL1-E450C ELLEKDYRM	730	>ABL1-E450C GLLLEKDYRM	65	665
>ABL1-E450C ELLEKDYRM	459	>ABL1-E450C GLLLEKDYRM	18635	18176
>ABL1-E450C ELLEKDYR	1041	>ABL1-E450C GLLLEKDYR	103	938
>ABL1-E450C ELLEKDYRME	675	>ABL1-E450C GLLLEKDYRME	77	598
>ABL1-E450C ELLEKDYR	55	>ABL1-E450C GLLLEKDYR	1822	1767
>ABL1-E450C ELLEKDYRME	24	>ABL1-E450C GLLLEKDYRME	753	729
>ABL1-E450C ELLEKDYR	53	>ABL1-E450C GLLLEKDYR	3218	3165
>ABL1-E450C ELLEKDYRME	51	>ABL1-E450C GLLLEKDYRME	2420	2369
>ABL1-E450C ELLEKDYR	52	>ABL1-E450C GLLLEKDYR	278	226
>ABL1-E450C ELLEKDYRME	168	>ABL1-E450C GLLLEKDYRME	832	664
>ABL1-E450C YELLEKDY	80	>ABL1-E450C YGLLEKDY	38139	38059
>ABL1-E450C YELLEKDYRM	364	>ABL1-E450C YGLLEKDYRM	22554	22190
>ABL1-E450C YELLEKDY	63	>ABL1-E450C YGLLEKDY	17509	17446
>ABL1-E450C YELLEKDY	381	>ABL1-E450C YGLLEKDY	38351	37970
>ABL1-E450C YELLEKDYRM	115	>ABL1-E450C YGLLEKDYRM	33025	32910
>ABL1-E450C YELLEKDYR	126	>ABL1-E450C YGLLEKDYR	100	26
>ABL1-E450C VYELLEKDYR	512	>ABL1-E450C VYGLLEKDYR	383	129
>ABL1-E450C VYELLEKDY	483	>ABL1-E450C VYGLLEKDY	1430	947
>ABL1-E450C VYELLEKDYR	50	>ABL1-E450C VYGLLEKDYR	27	23
>ABL1-E450C QVYELLEK	96	>ABL1-E450C QVYGLLEK	81	15
>ABL1-E450C QVYELLEK	23	>ABL1-E450C QVYGLLEK	23	0
>ABL1-E450C QVYELLEKDY	288	>ABL1-E450C QVYGLLEKDY	288	0
>ABL1-E450C QVYELLEKDY	71	>ABL1-E450C QVYGLLEKDY	57	14
>ABL1-E450C QVYELLEK	712	>ABL1-E450C QVYGLLEK	491	221
>ABL1-E450C QVYELLEKDY	76	>ABL1-E450C QVYGLLEKDY	77	1
>ABL1-E450C QVYELLEKDY	246	>ABL1-E450C QVYGLLEKDY	340	94
>ABL1-E450C QVYELLEK	49	>ABL1-E450C QVYGLLEK	54	5
>ABL1-E450C QVYELLEKDY	12	>ABL1-E450C QVYGLLEKDY	12	0



>ABL1-E450C QVYELLEKDY	347	>ABL1-E450C QVYGLLEKDY	589	242
>ABL1-E450C QVYELLEKDY	399	>ABL1-E450C QVYGLLEKDY	595	196
>ABL1-E450C QVYELLEKDY	65	>ABL1-E450C QVYGLLEKDY	47	18
>ABL1-E450C SQVYELLEK	48	>ABL1-E450C SQVYGLLEK	42	6
>ABL1-E450C SQVYELLEKD'	962	>ABL1-E450C SQVYGLLEKD	488	474
>ABL1-E450C SQVYELLEKD'	712	>ABL1-E450C SQVYGLLEKD	371	341
>ABL1-E450C SQVYELLEKD'	291	>ABL1-E450C SQVYGLLEKD	193	98
>ABL1-E450C SQVYELLEKD'	2069	>ABL1-E450C SQVYGLLEKD	430	1639
>ABL1-E450C SQVYELLEKD'	33	>ABL1-E450C SQVYGLLEKD	34	1
>ABL1-E450C LSQVYELL	162	>ABL1-E450C LSQVYGLL	35	127
>ABL1-E450C LSQVYELLEK	459	>ABL1-E450C LSQVYGLLEK	160	299
>ABL1-E450C LSQVYELLEK	29	>ABL1-E450C LSQVYGLLEK	33	4
>ABL1-E450C LSQVYELLEK	791	>ABL1-E450C LSQVYGLLEK	289	502
>ABL1-E450C LSQVYELL	411	>ABL1-E450C LSQVYGLL	196	215
>ABL1-E450C LSQVYELL	498	>ABL1-E450C LSQVYGLL	1861	1363
>ABL1-E450C LSQVYELLEK	479	>ABL1-E450C LSQVYGLLEK	436	43
>ABL1-E450C LSQVYELL	395	>ABL1-E450C LSQVYGLL	168	227
>ABL1-E450C DLSQVYEL	123	>ABL1-E450C DLSQVYGL	237	114
>ABL1-E450C DLSQVYELL	169	>ABL1-E450C DLSQVYGLL	980	811
>ABL1-E450C DLSQVYEL	170	>ABL1-E450C DLSQVYGL	211	41
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>ABL1-E450C DLSQVYEL	177	>ABL1-E450C DLSQVYGL	139	38
>ABL1-E450C DLSQVYEL	71	>ABL1-E450C DLSQVYGL	133	62
>ABL1-E450C DLSQVYELL	308	>ABL1-E450C DLSQVYGLL	1263	955
>ABL1-E450C DLSQVYELLEI	174	>ABL1-E450C DLSQVYGLLE	218	44
>ABL1-E450C IDLSQVYEL	571	>ABL1-E450C IDLSQVYGL	366	205
>ABL1-E450C IDLSQVYEL	93	>ABL1-E450C IDLSQVYGL	115	22
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>ABL1-E450C GIDLSQVYEL	227	>ABL1-E450C GIDLSQVYGL	135	92
>ABL1-E450C GIDLSQVYEL	230	>ABL1-E450C GIDLSQVYGL	266	36
>ABL1-E450K ELLEKDYRM	3319	>ABL1-E450K KLEKDYRM	22	3297
>ABL1-E450K ELLEKDYRM	3824	>ABL1-E450K KLEKDYRM	322	3502
>ABL1-E450K ELLEKDYRM	94	>ABL1-E450K KLEKDYRM	8	86
>ABL1-E450K ELLEKDYRM	116	>ABL1-E450K KLEKDYRM	7	109
>ABL1-E450K ELLEKDYRM	737	>ABL1-E450K KLEKDYRM	29	708
>ABL1-E450K ELLEKDYRM	53	>ABL1-E450K KLEKDYRM	36	17
>ABL1-E450K ELLEKDYRM	730	>ABL1-E450K KLEKDYRM	74	656
>ABL1-E450K ELLEKDYRM	459	>ABL1-E450K KLEKDYRM	9319	8860
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>ABL1-E450K ELLEKDYR	53	>ABL1-E450K KLEEKDYR	4742	4689
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>ABL1-E450K ELLEKDYRME	168	>ABL1-E450K KLEEKDYRME	24	144
>ABL1-E450K YELLEKDY	80	>ABL1-E450K YKLEEKDY	24958	24878
>ABL1-E450K YELLEKDYRM	364	>ABL1-E450K YKLEEKDYRM	9346	8982
>ABL1-E450K YELLEKDY	1172	>ABL1-E450K YKLEEKDY	23	1149
>ABL1-E450K YELLEKDY	63	>ABL1-E450K YKLEEKDY	11742	11679
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>ABL1-E450K YELLEKDYR	126	>ABL1-E450K YKLEEKDYR	173	47
>ABL1-E450K VYELLEKDYR	1927	>ABL1-E450K VYKLEEKDYR	199	1728
>ABL1-E450K VYELLEKDYR	512	>ABL1-E450K VYKLEEKDYR	186	326
>ABL1-E450K VYELLEKDY	483	>ABL1-E450K VYKLEEKDY	1527	1044
>ABL1-E450K VYELLEKDYR	50	>ABL1-E450K VYKLEEKDYR	43	7
>ABL1-E450K QVYELLEK	96	>ABL1-E450K QVYKLEK	70	26
>ABL1-E450K QVYELLEK	23	>ABL1-E450K QVYKLEK	27	4
>ABL1-E450K QVYELLEKDY	288	>ABL1-E450K QVYKLEKDY	344	56
>ABL1-E450K QVYELLEKDY	71	>ABL1-E450K QVYKLEKDY	125	54
>ABL1-E450K QVYELLEK	712	>ABL1-E450K QVYKLEK	297	415
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>ABL1-E450K QVYELLEK	49	>ABL1-E450K QVYKLEK	72	23
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>ABL1-E450K QVYELLEKDY	347	>ABL1-E450K QVYKLEKDY	142	205
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>ABL1-E450K QVYELLEKDY	65	>ABL1-E450K QVYKLEKDY	39	26
>ABL1-E450K SQVYELLEK	48	>ABL1-E450K SQVYKLEK	48	0
>ABL1-E450K SQVYELLEKD'	291	>ABL1-E450K SQVYKLEKD'	320	29
>ABL1-E450K SQVYELLEKD'	33	>ABL1-E450K SQVYKLEKD'	54	21
>ABL1-E450K LSQVYELL	162	>ABL1-E450K LSQVYKLL	81	81
>ABL1-E450K LSQVYELLEK	459	>ABL1-E450K LSQVYKLEK	173	286
>ABL1-E450K LSQVYELLEK	29	>ABL1-E450K LSQVYKLEK	34	5
>ABL1-E450K LSQVYELLEK	791	>ABL1-E450K LSQVYKLEK	346	445
>ABL1-E450K LSQVYELL	411	>ABL1-E450K LSQVYKLL	235	176
>ABL1-E450K LSQVYELL	498	>ABL1-E450K LSQVYKLL	1732	1234
>ABL1-E450K LSQVYELLEK	479	>ABL1-E450K LSQVYKLEK	392	87
>ABL1-E450K LSQVYELL	395	>ABL1-E450K LSQVYKLL	367	28
>ABL1-E450K DLSQVYEL	123	>ABL1-E450K DLSQVYKL	446	323
>ABL1-E450K DLSQVYELL	169	>ABL1-E450K DLSQVYKLL	1782	1613

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>ABL1-E450K DLSQVYEL	177	>ABL1-E450K DLSQVYKL	379	202
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>ABL1-E450K DLSQVYELL	308	>ABL1-E450K DLSQVYKLL	1133	825
>ABL1-E450K DLSQVYELLEI	174	>ABL1-E450K DLSQVYKLEI	345	171
>ABL1-E450K IDLSQVYELL	1073	>ABL1-E450K IDLSQVYKLL	453	620
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>ABL1-E450K IDLSQVYEL	93	>ABL1-E450K IDLSQVYKL	113	20
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>ABL1-E450K GIDLSQVYEL	227	>ABL1-E450K GIDLSQVYKL	561	334
>ABL1-E450K GIDLSQVYEL	230	>ABL1-E450K GIDLSQVYKL	457	227
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>ABL1-E453C LLEKDYRM	2543	>ABL1-E453C LLDKDYRM	306	2237
>ABL1-E453C LLEKDYRM	408	>ABL1-E453C LLDKDYRM	220	188
>ABL1-E453C LLEKDYRMER	313	>ABL1-E453C LLDKDYRMEF	215	98
>ABL1-E453C ELLEKDYRM	94	>ABL1-E453C ELLDKDYRM	164	70
>ABL1-E453C ELLEKDYRM	116	>ABL1-E453C ELLDKDYRM	178	62
>ABL1-E453C ELLEKDYRM	53	>ABL1-E453C ELLDKDYRM	35	18
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>ABL1-E453C ELLEKDYRM	459	>ABL1-E453C ELLDKDYRM	2540	2081
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>ABL1-E453C ELLEKDYRME	51	>ABL1-E453C ELLDKDYRME	56	5
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>ABL1-E453C ELLEKDYRME	168	>ABL1-E453C ELLDKDYRME	109	59
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>ABL1-E453C YELLEKDY	381	>ABL1-E453C YELLDKDY	302	79
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>ABL1-E453C VYELLEKDY	483	>ABL1-E453C VYELLDKDY	957	474
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>ABL1-E453C QVYELLEK	96	>ABL1-E453C QVYELLDK	134	38
>ABL1-E453C QVYELLEK	23	>ABL1-E453C QVYELLDK	43	20

>ABL1-E453C QVYELLEKDY	288	>ABL1-E453C QVYELLDKDY	291	3
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>ABL1-E453C QVYELLEKDY	581	>ABL1-E453C QVYELLDKDY	494	87
>ABL1-E453C QVYELLEKDY	76	>ABL1-E453C QVYELLDKDY	89	13
>ABL1-E453C QVYELLEKDY	246	>ABL1-E453C QVYELLDKDY	296	50
>ABL1-E453C QVYELLEK	49	>ABL1-E453C QVYELLDK	118	69
>ABL1-E453C QVYELLEKDY	12	>ABL1-E453C QVYELLDKDY	12	0
>ABL1-E453C QVYELLEKDY	347	>ABL1-E453C QVYELLDKDY	432	85
>ABL1-E453C QVYELLEKDY	399	>ABL1-E453C QVYELLDKDY	376	23
>ABL1-E453C QVYELLEKDY	65	>ABL1-E453C QVYELLDKDY	81	16
>ABL1-E453C SQVYELLEK	48	>ABL1-E453C SQVYELLDK	201	153
>ABL1-E453C SQVYELLEKD'	291	>ABL1-E453C SQVYELLDKD	181	110
>ABL1-E453C SQVYELLEKD'	33	>ABL1-E453C SQVYELLDKD	50	17
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>ABL1-E453C LSQVYELLEK	29	>ABL1-E453C LSQVYELLDK	52	23
>ABL1-E453C LSQVYELLEK	479	>ABL1-E453C LSQVYELLDK	497	18
>ABL1-E453C DLSQVYELLEI	174	>ABL1-E453C DLSQVYELLD	468	294
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>ABL1-E453K LEKDYRMER	4097	>ABL1-E453K LKKDYRMER	169	3928
>ABL1-E453K LLEKDYRM	408	>ABL1-E453K LLKKDYRM	500	92
>ABL1-E453K LLEKDYRMER	313	>ABL1-E453K LLKKDYRMEF	36	277
>ABL1-E453K LLEKDYRM	5513	>ABL1-E453K LLKKDYRM	282	5231
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>ABL1-E453K ELLEKDYRM	94	>ABL1-E453K ELLKKDYRM	1826	1732
>ABL1-E453K ELLEKDYRM	116	>ABL1-E453K ELLKKDYRM	1811	1695
>ABL1-E453K ELLEKDYRM	53	>ABL1-E453K ELLKKDYRM	931	878
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>ABL1-E453K ELLEKDYR	1041	>ABL1-E453K ELLKKDYR	442	599
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>ABL1-E453K ELLEKDYR	55	>ABL1-E453K ELLKKDYR	75	20
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>ABL1-E453K ELLEKDYR	53	>ABL1-E453K ELLKKDYR	69	16
>ABL1-E453K ELLEKDYRME	51	>ABL1-E453K ELLKKDYRME	62	11
>ABL1-E453K ELLEKDYRM	697	>ABL1-E453K ELLKKDYRM	173	524
>ABL1-E453K ELLEKDYR	52	>ABL1-E453K ELLKKDYR	34	18
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>ABL1-E453K YELLEKDY	63	>ABL1-E453K YELLKKDY	54	9
>ABL1-E453K YELLEKDY	381	>ABL1-E453K YELLKKDY	405	24
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>ABL1-E453K YELLEKDYR	126	>ABL1-E453K YELLKKDYR	164	38
>ABL1-E453K VYELLEKDY	483	>ABL1-E453K VYELLKKDY	741	258

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>ABL1-E453KQVYELLEK	23	>ABL1-E453KQVYELLKK	23	0
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>ABL1-E453KQVYELLEKDY	71	>ABL1-E453KQVYELLKKDY	133	62
>ABL1-E453KQVYELLEKDY	76	>ABL1-E453KQVYELLKKDY	45	31
>ABL1-E453KQVYELLEKDY	246	>ABL1-E453KQVYELLKKDY	217	29
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>ABL1-E453KQVYELLEKDY	12	>ABL1-E453KQVYELLKKDY	20	8
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>ABL1-E453KSQVYELLEKD'	33	>ABL1-E453KSQVYELLKKD'	45	12
>ABL1-E453KLSQVYELLEK	459	>ABL1-E453KLSQVYELLKK	416	43
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>ABL1-E453KLSQVYELLEK	29	>ABL1-E453KLSQVYELLKK	33	4
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>ABL1-E453KLSQVYELLE	32047	>ABL1-E453KLSQVYELLK	218	31829
>ABL1-E453KLSQVYELLE	28403	>ABL1-E453KLSQVYELLK	327	28076
>ABL1-E453KLSQVYELLEI	174	>ABL1-E453KLSQVYELLI	244	70
>ABL1-E453LLEKDYRMER	437	>ABL1-E453LLEKDYRMER	10	427
>ABL1-E453LLEKDYRMER	1026	>ABL1-E453LLEKDYRMER	41	985
>ABL1-E453LLEKDYRMER	2145	>ABL1-E453LLEKDYRMER	193	1952
>ABL1-E453LIDLSQVYELLE	7672	>ABL1-E453LIDLSQVYELLL	69	7603
>ABL1-E453LLEKDYRM	7101	>ABL1-E453LLEKDYRM	349	6752
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>ABL1-E453LLEKDYRM	2543	>ABL1-E453LLEKDYRM	143	2400
>ABL1-E453LLEKDYRM	11091	>ABL1-E453LLEKDYRM	337	10754
>ABL1-E453LLEKDYRM	13013	>ABL1-E453LLEKDYRM	292	12721
>ABL1-E453LLEKDYRM	408	>ABL1-E453LLEKDYRM	73	335
>ABL1-E453LLEKDYRMER	313	>ABL1-E453LLEKDYRMER	38	275
>ABL1-E453LLEKDYRM	94	>ABL1-E453LLEKDYRM	3715	3621
>ABL1-E453LLEKDYRM	116	>ABL1-E453LLEKDYRM	2786	2670
>ABL1-E453LLEKDYRM	53	>ABL1-E453LLEKDYRM	698	645
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>ABL1-E453LLEKDYR	55	>ABL1-E453LLEKDYR	42	13
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>ABL1-E453LLEKDYR	53	>ABL1-E453LLEKDYR	68	15
>ABL1-E453LLEKDYRME	51	>ABL1-E453LLEKDYRME	77	26
>ABL1-E453LLEKDYRM	697	>ABL1-E453LLEKDYRM	377	320

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>ABL1-E453L YELLEKDY	80	>ABL1-E453L YELLKKDY	62	18
>ABL1-E453L YELLEKDYRM	364	>ABL1-E453L YELLKKDYRM	126	238
>ABL1-E453L YELLEKDY	63	>ABL1-E453L YELLKKDY	16	47
>ABL1-E453L YELLEKDYRM	630	>ABL1-E453L YELLKKDYRM	373	257
>ABL1-E453L YELLEKDY	682	>ABL1-E453L YELLKKDY	347	335
>ABL1-E453L YELLEKDY	381	>ABL1-E453L YELLKKDY	136	245
>ABL1-E453L YELLEKDYRM	115	>ABL1-E453L YELLKKDYRM	70	45
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>ABL1-E453L QVYELLEK	96	>ABL1-E453L QVYELLK	43	53
>ABL1-E453L QVYELLEK	23	>ABL1-E453L QVYELLK	14	9
>ABL1-E453L QVYELLEKDY	288	>ABL1-E453L QVYELLKDY	111	177
>ABL1-E453L QVYELLEKDY	744	>ABL1-E453L QVYELLKDY	254	490
>ABL1-E453L QVYELLEKDY	71	>ABL1-E453L QVYELLKDY	18	53
>ABL1-E453L QVYELLEKDY	581	>ABL1-E453L QVYELLKDY	253	328
>ABL1-E453L QVYELLEK	712	>ABL1-E453L QVYELLK	210	502
>ABL1-E453L QVYELLEKDY	76	>ABL1-E453L QVYELLKDY	39	37
>ABL1-E453L QVYELLEKDY	246	>ABL1-E453L QVYELLKDY	142	104
>ABL1-E453L QVYELLEK	49	>ABL1-E453L QVYELLK	37	12
>ABL1-E453L QVYELLEKDY	12	>ABL1-E453L QVYELLKDY	12	0
>ABL1-E453L QVYELLEKDY	347	>ABL1-E453L QVYELLKDY	71	276
>ABL1-E453L QVYELLEKDY	399	>ABL1-E453L QVYELLKDY	119	280
>ABL1-E453L QVYELLEKDY	65	>ABL1-E453L QVYELLKDY	40	25
>ABL1-E453L SQVYELLE	25350	>ABL1-E453L SQVYELL	447	24903
>ABL1-E453L SQVYELLE	9866	>ABL1-E453L SQVYELL	31	9835
>ABL1-E453L SQVYELLEK	48	>ABL1-E453L SQVYELLK	29	19
>ABL1-E453L SQVYELLEKD`	936	>ABL1-E453L SQVYELLKD`	257	679
>ABL1-E453L SQVYELLEKD`	962	>ABL1-E453L SQVYELLKD`	488	474
>ABL1-E453L SQVYELLEKD`	291	>ABL1-E453L SQVYELLKD`	168	123
>ABL1-E453L SQVYELLE	11233	>ABL1-E453L SQVYELL	221	11012
>ABL1-E453L SQVYELLEKD`	33	>ABL1-E453L SQVYELLKD`	35	2
>ABL1-E453L SQVYELLE	25511	>ABL1-E453L SQVYELL	392	25119
>ABL1-E453L SQVYELLE	17664	>ABL1-E453L SQVYELL	482	17182
>ABL1-E453L LSQVYELLE	13061	>ABL1-E453L LSQVYELL	451	12610
>ABL1-E453L LSQVYELLEK	459	>ABL1-E453L LSQVYELLK	251	208
>ABL1-E453L LSQVYELLEK	29	>ABL1-E453L LSQVYELLK	27	2
>ABL1-E453L LSQVYELLEK	791	>ABL1-E453L LSQVYELLK	437	354
>ABL1-E453L LSQVYELLEK	531	>ABL1-E453L LSQVYELLK	258	273
>ABL1-E453L LSQVYELLE	13463	>ABL1-E453L LSQVYELL	65	13398

>ABL1-E453L LSQVYELLE	16255	>ABL1-E453L LSQVYELL	314	15941
>ABL1-E453L LSQVYELLEK	479	>ABL1-E453L LSQVYELLLK	455	24
>ABL1-E453L DLSQVYELLE	11716	>ABL1-E453L DLSQVYELL	64	11652
>ABL1-E453L DLSQVYELLE	26070	>ABL1-E453L DLSQVYELLL	294	25776
>ABL1-E453L DLSQVYELLEI	174	>ABL1-E453L DLSQVYELLLI	103	71
>ABL1-E459C MERPEGCPEI	184	>ABL1-E459C MGRPEGCPE	9	175
>ABL1-E459C MERPEGCPEI	39	>ABL1-E459C MGRPEGCPE	28473	28434
>ABL1-E459C RMERPEGC	1048	>ABL1-E459C RMGRPEGC	120	928
>ABL1-E459C RMERPEGCPI	208	>ABL1-E459C RMGRPEGCP	64	144
>ABL1-E459C RMERPEGCPI	455	>ABL1-E459C RMGRPEGCP	160	295
>ABL1-E459C RMERPEGCPI	497	>ABL1-E459C RMGRPEGCP	421	76
>ABL1-E459C LEKDYRMER	437	>ABL1-E459C LEKDYRMGR	1136	699
>ABL1-E459C LEKDYRMER	1006	>ABL1-E459C LEKDYRMGR	480	526
>ABL1-E459C LLEKDYRMER	313	>ABL1-E459C LLEKDYRMGR	273	40
>ABL1-E459C ELLEKDYRME	24	>ABL1-E459C ELLEKDYRMC	31	7
>ABL1-E459C ELLEKDYRME	51	>ABL1-E459C ELLEKDYRMC	65	14
>ABL1-E459C ELLEKDYRME	168	>ABL1-E459C ELLEKDYRMC	145	23
>ABL1-E459K ERPEGCPEKV	2091	>ABL1-E459K KRPEGCPEKV	364	1727
>ABL1-E459K MERPEGCPEI	184	>ABL1-E459K MKRPEGCPEI	28	156
>ABL1-E459K MERPEGCPEI	2875	>ABL1-E459K MKRPEGCPEI	121	2754
>ABL1-E459K MERPEGCPEI	1647	>ABL1-E459K MKRPEGCPEI	68	1579
>ABL1-E459K MERPEGCPEI	39	>ABL1-E459K MKRPEGCPEI	15465	15426
>ABL1-E459K RMERPEGCPI	208	>ABL1-E459K RMKRPEGCP	64	144
>ABL1-E459K RMERPEGCPI	455	>ABL1-E459K RMKRPEGCP	362	93
>ABL1-E459K RMERPEGCPI	497	>ABL1-E459K RMKRPEGCP	7	490
>ABL1-E459K RMERPEGCPI	1384	>ABL1-E459K RMKRPEGCP	89	1295
>ABL1-E459K LEKDYRMER	437	>ABL1-E459K LEKDYRMKR	549	112
>ABL1-E459K LEKDYRMER	1006	>ABL1-E459K LEKDYRMKR	435	571
>ABL1-E459K LLEKDYRMER	313	>ABL1-E459K LLEKDYRMKR	298	15
>ABL1-E459K ELLEKDYRME	24	>ABL1-E459K ELLEKDYRMK	35	11
>ABL1-E459K ELLEKDYRME	51	>ABL1-E459K ELLEKDYRMK	69	18
>ABL1-E459K ELLEKDYRME	168	>ABL1-E459K ELLEKDYRMK	107	61
>ABL1-E459C MERPEGCPEI	10686	>ABL1-E459C MQRPEGCPE	155	10531
>ABL1-E459C MERPEGCPEI	7017	>ABL1-E459C MQRPEGCPE	261	6756
>ABL1-E459C MERPEGCPEI	184	>ABL1-E459C MQRPEGCPE	8	176
>ABL1-E459C MERPEGCPE	7722	>ABL1-E459C MQRPEGCPE	275	7447
>ABL1-E459C MERPEGCPEI	2875	>ABL1-E459C MQRPEGCPE	117	2758
>ABL1-E459C MERPEGCPEI	1647	>ABL1-E459C MQRPEGCPE	71	1576
>ABL1-E459C MERPEGCPEI	39	>ABL1-E459C MQRPEGCPE	7665	7626
>ABL1-E459C RMERPEGC	1048	>ABL1-E459C RMQRPEGC	200	848
>ABL1-E459C RMERPEGCPI	208	>ABL1-E459C RMQRPEGCP	99	109
>ABL1-E459C RMERPEGCPI	455	>ABL1-E459C RMQRPEGCP	67	388
>ABL1-E459C RMERPEGCPI	497	>ABL1-E459C RMQRPEGCP	113	384

>ABL1-E459C RMERPEGCP	1384	>ABL1-E459C RMQRPEGCP	307	1077
>ABL1-E459C LEKDYRMER	437	>ABL1-E459C LEKDYRMQR	484	47
>ABL1-E459C LLEKDYRMER	313	>ABL1-E459C LLEKDYRMQI	389	76
>ABL1-E459C ELLEKDYRME	24	>ABL1-E459C ELLEKDYRMC	28	4
>ABL1-E459C ELLEKDYRME	51	>ABL1-E459C ELLEKDYRMC	47	4
>ABL1-E459C ELLEKDYRME	168	>ABL1-E459C ELLEKDYRMC	155	13
>ABL1-F311I·FYIITEFM	84	>ABL1-F311I·IYIITEFM	275	191
>ABL1-F311I·FYIITEFMTY	435	>ABL1-F311I·IYIITEFMTY	998	563
>ABL1-F311I·FYIITEFM	412	>ABL1-F311I·IYIITEFM	3096	2684
>ABL1-F311I·FYIITEFM	251	>ABL1-F311I·IYIITEFM	235	16
>ABL1-F311I·FYIITEFM	835	>ABL1-F311I·IYIITEFM	212	623
>ABL1-F311I·FYIITEFM	22	>ABL1-F311I·IYIITEFM	109	87
>ABL1-F311I·FYIITEFMT	203	>ABL1-F311I·IYIITEFMT	1438	1235
>ABL1-F311I·FYIITEFMTY	32	>ABL1-F311I·IYIITEFMTY	150	118
>ABL1-F311I·FYIITEFMTY	23	>ABL1-F311I·IYIITEFMTY	25	2
>ABL1-F311I·FYIITEFMTY	124	>ABL1-F311I·IYIITEFMTY	63	61
>ABL1-F311I·FYIITEFMTY	114	>ABL1-F311I·IYIITEFMTY	91	23
>ABL1-F311I·FYIITEFMTY	308	>ABL1-F311I·IYIITEFMTY	425	117
>ABL1-F311I·PFYIITEF	48	>ABL1-F311I·PIYIITEF	2314	2266
>ABL1-F311I·PFYIITEF	105	>ABL1-F311I·PIYIITEF	8007	7902
>ABL1-F311I·PFYIITEFMTY	11	>ABL1-F311I·PIYIITEFMTY	31	20
>ABL1-F311I·PFYIITEFMTY	914	>ABL1-F311I·PIYIITEFMTY	444	470
>ABL1-F311I·PFYIITEF	5322	>ABL1-F311I·PIYIITEF	415	4907
>ABL1-F311I·PFYIITEFMTY	339	>ABL1-F311I·PIYIITEFMTY	159	180
>ABL1-F311I·LLGVCTREPP	13033	>ABL1-F311I·LLGVCTREPP	381	12652
>ABL1-F311I·LLGVCTREPP	10626	>ABL1-F311I·LLGVCTREPP	182	10444
>ABL1-F311I·LLGVCTREPP	10590	>ABL1-F311I·LLGVCTREPP	103	10487
>ABL1-F311I·LLGVCTREPP	13334	>ABL1-F311I·LLGVCTREPP	193	13141
>ABL1-F311I·LLGVCTREPP	16605	>ABL1-F311I·LLGVCTREPP	374	16231
>ABL1-F311I·LLGVCTREPP	5368	>ABL1-F311I·LLGVCTREPP	39	5329
>ABL1-F311I·LLGVCTREPP	86	>ABL1-F311I·LLGVCTREPP	3657	3571
>ABL1-F311I·LLGVCTREPP	183	>ABL1-F311I·LLGVCTREPP	4099	3916
>ABL1-F311I·PPFYIITEF	19	>ABL1-F311I·PPIYIITEF	60	41
>ABL1-F311I·PPFYIITEFM	13	>ABL1-F311I·PPIYIITEFM	34	21
>ABL1-F311I·PPFYIITEF	290	>ABL1-F311I·PPIYIITEF	1353	1063
>ABL1-F311I·PPFYIITEF	110	>ABL1-F311I·PPIYIITEF	108	2
>ABL1-F311I·PPFYIITEF	161	>ABL1-F311I·PPIYIITEF	76	85
>ABL1-F311I·PPFYIITEF	114	>ABL1-F311I·PPIYIITEF	124	10
>ABL1-F311I·PPFYIITEF	48	>ABL1-F311I·PPIYIITEF	50	2
>ABL1-F311I·EPPFYIITEF	447	>ABL1-F311I·EPPIYIITEF	770	323
>ABL1-F311I·EPPFYIITEFM	438	>ABL1-F311I·EPPIYIITEFM	1321	883
>ABL1-F311I·EPPFYIITEFM	419	>ABL1-F311I·EPPIYIITEFM	487	68
>ABL1-F311I·EPPFYIITEFM	513	>ABL1-F311I·EPPIYIITEFM	220	293



>ABL1-F311I·EPPFYIITEF	399	>ABL1-F311I·EPPYIITEF	299	100
>ABL1-F311I·REPPFYIITEF	117	>ABL1-F311I·REPPYIITEF	115	2
>ABL1-F311I·REPPFYIITEF	64	>ABL1-F311I·REPPYIITEF	136	72
>ABL1-F311I·REPPFYIITEF	414	>ABL1-F311I·REPPYIITEF	694	280
>ABL1-F311I·REPPFYII	154	>ABL1-F311I·REPPYII	214	60
>ABL1-F311I·REPPFYII	212	>ABL1-F311I·REPPYII	418	206
>ABL1-F311I·REPPFYIIT	399	>ABL1-F311I·REPPYIIT	759	360
>ABL1-F311I·REPPFYIITEF	176	>ABL1-F311I·REPPYIITEF	233	57
>ABL1-F311I·REPPFYII	160	>ABL1-F311I·REPPYII	41	119
>ABL1-F311I·REPPFYIIT	347	>ABL1-F311I·REPPYIIT	563	216
>ABL1-F311I·REPPFYIITEF	72	>ABL1-F311I·REPPYIITEF	98	26
>ABL1-F311I·REPPFYII	371	>ABL1-F311I·REPPYII	624	253
>ABL1-F311I·TREPPFYII	451	>ABL1-F311I·TREPPYII	488	37
>ABL1-F311I·CTREPPFYI	184	>ABL1-F311I·CTREPPYI	560	376
>ABL1-F311I·CTREPPFY	33	>ABL1-F311I·CTREPPYI	142	109
>ABL1-F311I·CTREPPFY	35	>ABL1-F311I·CTREPPYI	84	49
>ABL1-F311I·CTREPPFYI	1600	>ABL1-F311I·CTREPPYI	360	1240
>ABL1-F311I·CTREPPFY	84	>ABL1-F311I·CTREPPYI	583	499
>ABL1-F311I·CTREPPFY	47	>ABL1-F311I·CTREPPYI	177	130
>ABL1-F311I·CTREPPFYI	20	>ABL1-F311I·CTREPPYI	12	8
>ABL1-F311I·CTREPPFYII	67	>ABL1-F311I·CTREPPYII	62	5
>ABL1-F311I·CTREPPFYIIT	363	>ABL1-F311I·CTREPPYIIT	356	7
>ABL1-F311I·CTREPPFY	117	>ABL1-F311I·CTREPPYI	352	235
>ABL1-F311I·CTREPPFYI	118	>ABL1-F311I·CTREPPYI	653	535
>ABL1-F311I·CTREPPFYII	276	>ABL1-F311I·CTREPPYII	623	347
>ABL1-F311I·CTREPPFYI	213	>ABL1-F311I·CTREPPYI	1061	848
>ABL1-F311I·CTREPPFY	375	>ABL1-F311I·CTREPPYI	2443	2068
>ABL1-F311I·CTREPPFY	11	>ABL1-F311I·CTREPPYI	12	1
>ABL1-F311I·CTREPPFYI	131	>ABL1-F311I·CTREPPYI	313	182
>ABL1-F311I·CTREPPFYII	593	>ABL1-F311I·CTREPPYII	384	209
>ABL1-F311I·CTREPPFYI	468	>ABL1-F311I·CTREPPYI	852	384
>ABL1-F311I·CTREPPFYII	193	>ABL1-F311I·CTREPPYII	371	178
>ABL1-F311I·CTREPPFY	492	>ABL1-F311I·CTREPPYI	698	206
>ABL1-F311I·CTREPPFYI	11	>ABL1-F311I·CTREPPYI	19	8
>ABL1-F311I·CTREPPFYII	60	>ABL1-F311I·CTREPPYII	99	39
>ABL1-F311I·VCTREPPFY	296	>ABL1-F311I·VCTREPPYI	737	441
>ABL1-F311I·VCTREPPFY	77	>ABL1-F311I·VCTREPPYI	563	486
>ABL1-F311I·GVCTREPPFY	401	>ABL1-F311I·GVCTREPPYI	700	299
>ABL1-F311I·GVCTREPPFY	229	>ABL1-F311I·GVCTREPPYI	967	738
>ABL1-F311I·LGVCTREPPF	255	>ABL1-F311I·LGVCTREPPI	8610	8355
>ABL1-F311I·LGVCTREPPF	125	>ABL1-F311I·LGVCTREPPI	3360	3235
>ABL1-F311I·LGVCTREPPF	869	>ABL1-F311I·LGVCTREPPI	315	554
>ABL1-F311I·FYIITEFM	84	>ABL1-F311I·LYIITEFM	300	216

>ABL1-F311L FYIITEFMTY	435	>ABL1-F311L LYIITEFMTY	827	392
>ABL1-F311L FYIITEFM	412	>ABL1-F311L LYIITEFM	2336	1924
>ABL1-F311L FYIITEFM	251	>ABL1-F311L LYIITEFM	581	330
>ABL1-F311L FYIITEFM	835	>ABL1-F311L LYIITEFM	496	339
>ABL1-F311L FYIITEFM	22	>ABL1-F311L LYIITEFM	37	15
>ABL1-F311L FYIITEFMT	203	>ABL1-F311L LYIITEFMT	452	249
>ABL1-F311L FYIITEFMTY	32	>ABL1-F311L LYIITEFMTY	55	23
>ABL1-F311L FYIITEFMTY	23	>ABL1-F311L LYIITEFMTY	33	10
>ABL1-F311L FYIITEFMTY	124	>ABL1-F311L LYIITEFMTY	84	40
>ABL1-F311L FYIITEFMTY	114	>ABL1-F311L LYIITEFMTY	244	130
>ABL1-F311L FYIITEFMTY	308	>ABL1-F311L LYIITEFMTY	573	265
>ABL1-F311L FYIITEFM	548	>ABL1-F311L LYIITEFM	405	143
>ABL1-F311L PFYIITEFM	2747	>ABL1-F311L PLYIITEFM	179	2568
>ABL1-F311L PFYIITEFM	16463	>ABL1-F311L PLYIITEFM	111	16352
>ABL1-F311L PFYIITEFMT	21384	>ABL1-F311L PLYIITEFMT	330	21054
>ABL1-F311L PFYIITEFM	19397	>ABL1-F311L PLYIITEFM	270	19127
>ABL1-F311L PFYIITEF	48	>ABL1-F311L PLYIITEF	993	945
>ABL1-F311L PFYIITEF	105	>ABL1-F311L PLYIITEF	5809	5704
>ABL1-F311L PFYIITEFMTY	11	>ABL1-F311L PLYIITEFMTY	23	12
>ABL1-F311L PFYIITEFMTY	914	>ABL1-F311L PLYIITEFMTY	355	559
>ABL1-F311L PFYIITEF	5322	>ABL1-F311L PLYIITEF	340	4982
>ABL1-F311L PFYIITEFMTY	339	>ABL1-F311L PLYIITEFMTY	72	267
>ABL1-F311L PFYIITEF	2515	>ABL1-F311L PLYIITEF	270	2245
>ABL1-F311L PFYIITEFMTY	3424	>ABL1-F311L PLYIITEFMTY	492	2932
>ABL1-F311L LLGVCTREPP	13033	>ABL1-F311L LLGVCTREPP	322	12711
>ABL1-F311L LLGVCTREPP	7300	>ABL1-F311L LLGVCTREPP	200	7100
>ABL1-F311L LLGVCTREPP	10626	>ABL1-F311L LLGVCTREPP	214	10412
>ABL1-F311L LLGVCTREPP	10590	>ABL1-F311L LLGVCTREPP	105	10485
>ABL1-F311L LLGVCTREPP	13334	>ABL1-F311L LLGVCTREPP	135	13199
>ABL1-F311L LLGVCTREPP	16605	>ABL1-F311L LLGVCTREPP	193	16412
>ABL1-F311L LLGVCTREPP	5368	>ABL1-F311L LLGVCTREPP	13	5355
>ABL1-F311L LLGVCTREPP	86	>ABL1-F311L LLGVCTREPP	1727	1641
>ABL1-F311L LLGVCTREPP	183	>ABL1-F311L LLGVCTREPP	3297	3114
>ABL1-F311L PPFYIITEF	19	>ABL1-F311L PPLYIITEF	109	90
>ABL1-F311L PPFYIITEFM	13	>ABL1-F311L PPLYIITEFM	58	45
>ABL1-F311L PPFYIITEF	290	>ABL1-F311L PPLYIITEF	1008	718
>ABL1-F311L PPFYIITEF	110	>ABL1-F311L PPLYIITEF	193	83
>ABL1-F311L PPFYIITEF	161	>ABL1-F311L PPLYIITEF	120	41
>ABL1-F311L PPFYIITEF	114	>ABL1-F311L PPLYIITEF	824	710
>ABL1-F311L PPFYIITEF	48	>ABL1-F311L PPLYIITEF	42	6
>ABL1-F311L EPPFYIITEF	447	>ABL1-F311L EPPLYIITEF	1301	854
>ABL1-F311L EPPFYIITEFM	438	>ABL1-F311L EPPLYIITEFM	725	287
>ABL1-F311L EPPFYIITEFM	419	>ABL1-F311L EPPLYIITEFM	444	25

>ABL1-F311L EPPFYIITEFM	513	>ABL1-F311L EPPLYIITEFM	371	142
>ABL1-F311L EPPFYIITEF	399	>ABL1-F311L EPPLYIITEF	395	4
>ABL1-F311L REPPFYIITEF	117	>ABL1-F311L REPPLYIITEF	119	2
>ABL1-F311L REPPFYIITEF	64	>ABL1-F311L REPPLYIITEF	137	73
>ABL1-F311L REPPFYIITEF	414	>ABL1-F311L REPPLYIITEF	605	191
>ABL1-F311L REPPFYII	154	>ABL1-F311L REPPLYII	334	180
>ABL1-F311L REPPFYII	212	>ABL1-F311L REPPLYII	279	67
>ABL1-F311L REPPFYIIT	399	>ABL1-F311L REPPLYIIT	402	3
>ABL1-F311L REPPFYIITEF	176	>ABL1-F311L REPPLYIITEF	165	11
>ABL1-F311L REPPFYII	160	>ABL1-F311L REPPLYII	61	99
>ABL1-F311L REPPFYIIT	347	>ABL1-F311L REPPLYIIT	572	225
>ABL1-F311L REPPFYIITEF	72	>ABL1-F311L REPPLYIITEF	100	28
>ABL1-F311L REPPFYII	371	>ABL1-F311L REPPLYII	936	565
>ABL1-F311L TREPPFYII	451	>ABL1-F311L TREPPLYII	1082	631
>ABL1-F311L CTREPPFY	923	>ABL1-F311L CTREPPLY	457	466
>ABL1-F311L CTREPPFYI	184	>ABL1-F311L CTREPPLYI	1157	973
>ABL1-F311L CTREPPFY	33	>ABL1-F311L CTREPPLY	309	276
>ABL1-F311L CTREPPFY	35	>ABL1-F311L CTREPPLY	65	30
>ABL1-F311L CTREPPFY	84	>ABL1-F311L CTREPPLY	56	28
>ABL1-F311L CTREPPFY	47	>ABL1-F311L CTREPPLY	122	75
>ABL1-F311L CTREPPFYI	20	>ABL1-F311L CTREPPLYI	13	7
>ABL1-F311L CTREPPFYII	67	>ABL1-F311L CTREPPLYII	65	2
>ABL1-F311L CTREPPFYIIT	363	>ABL1-F311L CTREPPLYIIT	407	44
>ABL1-F311L CTREPPFY	117	>ABL1-F311L CTREPPLY	356	239
>ABL1-F311L CTREPPFYI	118	>ABL1-F311L CTREPPLYI	2358	2240
>ABL1-F311L CTREPPFYII	276	>ABL1-F311L CTREPPLYII	788	512
>ABL1-F311L CTREPPFYI	213	>ABL1-F311L CTREPPLYI	1686	1473
>ABL1-F311L CTREPPFY	375	>ABL1-F311L CTREPPLY	433	58
>ABL1-F311L CTREPPFY	11	>ABL1-F311L CTREPPLY	10	1
>ABL1-F311L CTREPPFYI	131	>ABL1-F311L CTREPPLYI	116	15
>ABL1-F311L CTREPPFYII	593	>ABL1-F311L CTREPPLYII	286	307
>ABL1-F311L CTREPPFYI	468	>ABL1-F311L CTREPPLYI	1101	633
>ABL1-F311L CTREPPFYII	193	>ABL1-F311L CTREPPLYII	549	356
>ABL1-F311L CTREPPFY	492	>ABL1-F311L CTREPPLY	295	197
>ABL1-F311L CTREPPFYI	11	>ABL1-F311L CTREPPLYI	17	6
>ABL1-F311L CTREPPFYII	60	>ABL1-F311L CTREPPLYII	68	8
>ABL1-F311L VCTREPPFY	296	>ABL1-F311L VCTREPPLY	754	458
>ABL1-F311L VCTREPPFY	77	>ABL1-F311L VCTREPPLY	117	40
>ABL1-F311L GVCTREPPFY	401	>ABL1-F311L GVCTREPPLY	1017	616
>ABL1-F311L GVCTREPPFY	229	>ABL1-F311L GVCTREPPLY	1731	1502
>ABL1-F311L LGVCTREPPF	586	>ABL1-F311L LGVCTREPPL	370	216
>ABL1-F311L LGVCTREPPF	255	>ABL1-F311L LGVCTREPPL	5281	5026
>ABL1-F311L LGVCTREPPF	125	>ABL1-F311L LGVCTREPPL	2435	2310

>ABL1-F317L FMTYGNLLD\	219	>ABL1-F317L LMTYGNLLD\	468	249
>ABL1-F317L FMTYGNLL	20	>ABL1-F317L LMTYGNLL	204	184
>ABL1-F317L FMTYGNLLD\	10	>ABL1-F317L LMTYGNLLD\	40	30
>ABL1-F317L FMTYGNLL	3	>ABL1-F317L LMTYGNLL	18	15
>ABL1-F317L FMTYGNLLD\	2	>ABL1-F317L LMTYGNLLD\	10	8
>ABL1-F317L FMTYGNLL	14	>ABL1-F317L LMTYGNLL	126	112
>ABL1-F317L FMTYGNLLD\	12	>ABL1-F317L LMTYGNLLD\	97	85
>ABL1-F317L FMTYGNLL	28	>ABL1-F317L LMTYGNLL	301	273
>ABL1-F317L FMTYGNLLD\	11	>ABL1-F317L LMTYGNLLD\	62	51
>ABL1-F317L FMTYGNLL	34	>ABL1-F317L LMTYGNLL	292	258
>ABL1-F317L FMTYGNLLD\	7	>ABL1-F317L LMTYGNLLD\	29	22
>ABL1-F317L FMTYGNLL	15	>ABL1-F317L LMTYGNLL	184	169
>ABL1-F317L FMTYGNLLD\	6	>ABL1-F317L LMTYGNLLD\	28	22
>ABL1-F317L FMTYGNLL	26	>ABL1-F317L LMTYGNLL	281	255
>ABL1-F317L FMTYGNLLD\	11	>ABL1-F317L LMTYGNLLD\	42	31
>ABL1-F317L FMTYGNLL	327	>ABL1-F317L LMTYGNLL	2373	2046
>ABL1-F317L FMTYGNLLD\	19	>ABL1-F317L LMTYGNLLD\	77	58
>ABL1-F317L FMTYGNLL	5	>ABL1-F317L LMTYGNLL	13	8
>ABL1-F317L FMTYGNLLD\	4	>ABL1-F317L LMTYGNLLD\	10	6
>ABL1-F317L FMTYGNLLD\	247	>ABL1-F317L LMTYGNLLD\	220	27
>ABL1-F317L FMTYGNLLD\	178	>ABL1-F317L LMTYGNLLD\	294	116
>ABL1-F317L FMTYGNLLD\	485	>ABL1-F317L LMTYGNLLD\	237	248
>ABL1-F317L FMTYGNLLD\	10	>ABL1-F317L LMTYGNLLD\	17	7
>ABL1-F317L FMTYGNLLD\	128	>ABL1-F317L LMTYGNLLD\	118	10
>ABL1-F317L FMTYGNLL	406	>ABL1-F317L LMTYGNLL	2648	2242
>ABL1-F317L FMTYGNLLD\	27	>ABL1-F317L LMTYGNLLD\	115	88
>ABL1-F317L FMTYGNLL	128	>ABL1-F317L LMTYGNLL	295	167
>ABL1-F317L FMTYGNLLD\	28	>ABL1-F317L LMTYGNLLD\	65	37
>ABL1-F317L FMTYGNLLD\	450	>ABL1-F317L LMTYGNLLD\	918	468
>ABL1-F317L FMTYGNLL	324	>ABL1-F317L LMTYGNLL	5817	5493
>ABL1-F317L FMTYGNLL	482	>ABL1-F317L LMTYGNLL	1542	1060
>ABL1-F317L FMTYGNLLD\	163	>ABL1-F317L LMTYGNLLD\	100	63
>ABL1-F317L EFMTYGNL	5591	>ABL1-F317L ELMTYGNL	75	5516
>ABL1-F317L EFMTYGNLL	1432	>ABL1-F317L ELMTYGNLL	17	1415
>ABL1-F317L EFMTYGNL	15805	>ABL1-F317L ELMTYGNL	374	15431
>ABL1-F317L EFMTYGNLL	15538	>ABL1-F317L ELMTYGNLL	414	15124
>ABL1-F317L EFMTYGNL	23633	>ABL1-F317L ELMTYGNL	371	23262
>ABL1-F317L EFMTYGNLL	24255	>ABL1-F317L ELMTYGNLL	459	23796
>ABL1-F317L EFMTYGNLL	22500	>ABL1-F317L ELMTYGNLL	435	22065
>ABL1-F317L EFMTYGNL	15908	>ABL1-F317L ELMTYGNL	124	15784
>ABL1-F317L EFMTYGNLL	16155	>ABL1-F317L ELMTYGNLL	153	16002
>ABL1-F317L EFMTYGNL	27400	>ABL1-F317L ELMTYGNL	156	27244
>ABL1-F317L EFMTYGNLL	26497	>ABL1-F317L ELMTYGNLL	128	26369

>ABL1-F317L EFMTYGNLLC	996	>ABL1-F317L ELMTYGNLLC	114	882
>ABL1-F317L EFMTYGNLLC	126	>ABL1-F317L ELMTYGNLLC	50	76
>ABL1-F317L EFMTYGNLLC	240	>ABL1-F317L ELMTYGNLLC	119	121
>ABL1-F317L EFMTYGNLLC	21	>ABL1-F317L ELMTYGNLLC	60	39
>ABL1-F317L EFMTYGNL	5200	>ABL1-F317L ELMTYGNL	271	4929
>ABL1-F317L EFMTYGNLL	4705	>ABL1-F317L ELMTYGNLL	236	4469
>ABL1-F317L EFMTYGNL	3608	>ABL1-F317L ELMTYGNL	104	3504
>ABL1-F317L EFMTYGNLL	5557	>ABL1-F317L ELMTYGNLL	258	5299
>ABL1-F317L EFMTYGNLLC	565	>ABL1-F317L ELMTYGNLLC	118	447
>ABL1-F317L EFMTYGNLLC	1007	>ABL1-F317L ELMTYGNLLC	295	712
>ABL1-F317L EFMTYGNLLC	4307	>ABL1-F317L ELMTYGNLLC	438	3869
>ABL1-F317L EFMTYGNLL	2675	>ABL1-F317L ELMTYGNLL	385	2290
>ABL1-F317L EFMTYGNLLC	319	>ABL1-F317L ELMTYGNLLC	393	74
>ABL1-F317L REPPFYIITEF	117	>ABL1-F317L REPPFYIITEL	1918	1801
>ABL1-F317L REPPFYIITEF	64	>ABL1-F317L REPPFYIITEL	1326	1262
>ABL1-F317L REPPFYIITEF	414	>ABL1-F317L REPPFYIITEL	4308	3894
>ABL1-F317L REPPFYIITEF	811	>ABL1-F317L REPPFYIITEL	62	749
>ABL1-F317L REPPFYIITEF	176	>ABL1-F317L REPPFYIITEL	62	114
>ABL1-F317L REPPFYIITEF	991	>ABL1-F317L REPPFYIITEL	484	507
>ABL1-F317L REPPFYIITEF	72	>ABL1-F317L REPPFYIITEL	32	40
>ABL1-F317L REPPFYIITEF	1407	>ABL1-F317L REPPFYIITEL	443	964
>ABL1-F317L REPPFYIITEF	1780	>ABL1-F317L REPPFYIITEL	416	1364
>ABL1-F317L TEFMTYGNL	491	>ABL1-F317L TELMTYGNL	1783	1292
>ABL1-F317L TEFMTYGNL	36	>ABL1-F317L TELMTYGNL	28	8
>ABL1-F317L TEFMTYGNLL	13	>ABL1-F317L TELMTYGNLL	15	2
>ABL1-F317L TEFMTYGNL	378	>ABL1-F317L TELMTYGNL	841	463
>ABL1-F317L TEFMTYGNLL	396	>ABL1-F317L TELMTYGNLL	834	438
>ABL1-F317L TEFMTYGNL	13	>ABL1-F317L TELMTYGNL	35	22
>ABL1-F317L TEFMTYGNLL	202	>ABL1-F317L TELMTYGNLL	975	773
>ABL1-F317L TEFMTYGNL	103	>ABL1-F317L TELMTYGNL	167	64
>ABL1-F317L TEFMTYGNLL	278	>ABL1-F317L TELMTYGNLL	716	438
>ABL1-F317L TEFMTYGNLL	381	>ABL1-F317L TELMTYGNLL	1192	811
>ABL1-F317L TEFMTYGNL	120	>ABL1-F317L TELMTYGNL	400	280
>ABL1-F317L TEFMTYGNLL	11	>ABL1-F317L TELMTYGNLL	12	1
>ABL1-F317L ITEFMTYGNL	434	>ABL1-F317L ITELMTYGNL	558	124
>ABL1-F317L ITEFMTYGNL	458	>ABL1-F317L ITELMTYGNL	2385	1927
>ABL1-F317L ITEFMTYGNL	54	>ABL1-F317L ITELMTYGNL	51	3
>ABL1-F317L ITEFMTYGNL	175	>ABL1-F317L ITELMTYGNL	158	17
>ABL1-F317L ITEFMTYGNL	324	>ABL1-F317L ITELMTYGNL	232	92
>ABL1-F317L ITEFMTYGNL	31	>ABL1-F317L ITELMTYGNL	23	8
>ABL1-F317L ITEFMTYGNL	257	>ABL1-F317L ITELMTYGNL	267	10
>ABL1-F317L ITEFMTYGNL	31	>ABL1-F317L ITELMTYGNL	66	35
>ABL1-F317L IITEFMTYGNL	144	>ABL1-F317L IITEFMTYGNL	651	507

>ABL1-F317L IITEFMTYGNI	118	>ABL1-F317L IITELMTYGNI	168	50
>ABL1-F317L IITEFMTYGNI	138	>ABL1-F317L IITELMTYGNI	176	38
>ABL1-F317L IITEFMTYGNI	388	>ABL1-F317L IITELMTYGNI	545	157
>ABL1-F317L IITEFMTYGNI	366	>ABL1-F317L IITELMTYGNI	772	406
>ABL1-F317L IITEFMTYGNI	155	>ABL1-F317L IITELMTYGNI	230	75
>ABL1-F317L IITEFMTY	577	>ABL1-F317L IITELMTY	335	242
>ABL1-F317L IITEFMTY	69	>ABL1-F317L IITELMTY	94	25
>ABL1-F317L IITEFMTY	133	>ABL1-F317L IITELMTY	172	39
>ABL1-F317L IITEFMTY	41	>ABL1-F317L IITELMTY	51	10
>ABL1-F317L IITEFMTY	375	>ABL1-F317L IITELMTY	1313	938
>ABL1-F317L IITEFMTY	409	>ABL1-F317L IITELMTY	245	164
>ABL1-F317L IITEFMTY	401	>ABL1-F317L IITELMTY	611	210
>ABL1-F317L IITEFMTY	121	>ABL1-F317L IITELMTY	121	0
>ABL1-F317L YIITEFMT	393	>ABL1-F317L YIITELMT	1072	679
>ABL1-F317L YIITEFMT	62	>ABL1-F317L YIITELMT	324	262
>ABL1-F317L YIITEFMTY	74	>ABL1-F317L YIITELMTY	44	30
>ABL1-F317L YIITEFMTY	44	>ABL1-F317L YIITELMTY	26	18
>ABL1-F317L YIITEFMTY	8	>ABL1-F317L YIITELMTY	3	5
>ABL1-F317L YIITEFMTY	456	>ABL1-F317L YIITELMTY	1649	1193
>ABL1-F317L YIITEFMTY	9	>ABL1-F317L YIITELMTY	12	3
>ABL1-F317L YIITEFMTY	348	>ABL1-F317L YIITELMTY	831	483
>ABL1-F317L YIITEFMTY	16	>ABL1-F317L YIITELMTY	26	10
>ABL1-F317L YIITEFMTY	52	>ABL1-F317L YIITELMTY	103	51
>ABL1-F317L YIITEFMTY	22	>ABL1-F317L YIITELMTY	80	58
>ABL1-F317L YIITEFMTY	433	>ABL1-F317L YIITELMTY	118	315
>ABL1-F317L YIITEFMTY	91	>ABL1-F317L YIITELMTY	157	66
>ABL1-F317L YIITEFMTY	241	>ABL1-F317L YIITELMTY	354	113
>ABL1-F317L YIITEFMTY	51	>ABL1-F317L YIITELMTY	53	2
>ABL1-F317L YIITEFMTY	1415	>ABL1-F317L YIITELMTY	321	1094
>ABL1-F317L FYIITEFM	84	>ABL1-F317L FYIITELM	301	217
>ABL1-F317L FYIITEFMTY	435	>ABL1-F317L FYIITELMTY	402	33
>ABL1-F317L FYIITEFM	412	>ABL1-F317L FYIITELM	892	480
>ABL1-F317L FYIITEFM	251	>ABL1-F317L FYIITELM	212	39
>ABL1-F317L FYIITEFM	22	>ABL1-F317L FYIITELM	45	23
>ABL1-F317L FYIITEFMT	203	>ABL1-F317L FYIITELMT	513	310
>ABL1-F317L FYIITEFMTY	32	>ABL1-F317L FYIITELMTY	56	24
>ABL1-F317L FYIITEFMTY	550	>ABL1-F317L FYIITELMTY	295	255
>ABL1-F317L FYIITEFMTY	23	>ABL1-F317L FYIITELMTY	36	13
>ABL1-F317L FYIITEFMTY	124	>ABL1-F317L FYIITELMTY	143	19
>ABL1-F317L FYIITEFMTY	114	>ABL1-F317L FYIITELMTY	77	37
>ABL1-F317L FYIITEFMTY	308	>ABL1-F317L FYIITELMTY	491	183
>ABL1-F317L PFYIITEF	48	>ABL1-F317L PFYIITEL	661	613
>ABL1-F317L PFYIITEF	105	>ABL1-F317L PFYIITEL	861	756

>ABL1-F317L PFYIITEFMTY	11	>ABL1-F317L PFYIITELMTY	13	2
>ABL1-F317L PFYIITEFMTY	339	>ABL1-F317L PFYIITELMTY	496	157
>ABL1-F317L PPFYIITEF	19	>ABL1-F317L PPFYIITEL	23	4
>ABL1-F317L PPFYIITEFM	13	>ABL1-F317L PPFYIITELM	194	181
>ABL1-F317L PPFYIITEF	290	>ABL1-F317L PPFYIITEL	5047	4757
>ABL1-F317L PPFYIITEF	110	>ABL1-F317L PPFYIITEL	1937	1827
>ABL1-F317L PPFYIITEF	161	>ABL1-F317L PPFYIITEL	691	530
>ABL1-F317L PPFYIITEF	114	>ABL1-F317L PPFYIITEL	1038	924
>ABL1-F317L PPFYIITEF	48	>ABL1-F317L PPFYIITEL	667	619
>ABL1-F317L EPPFYIITEF	447	>ABL1-F317L EPPFYIITEL	901	454
>ABL1-F317L EPPFYIITEFM	438	>ABL1-F317L EPPFYIITELM	3536	3098
>ABL1-F317L EPPFYIITEFM	419	>ABL1-F317L EPPFYIITELM	411	8
>ABL1-F317L EPPFYIITEFM	513	>ABL1-F317L EPPFYIITELM	301	212
>ABL1-F317L EPPFYIITEF	399	>ABL1-F317L EPPFYIITEL	4159	3760
>ABL1-F359A FIHRDLAA	46	>ABL1-F359A AIHRDLAA	618	572
>ABL1-F359A FIHRDLAA	74	>ABL1-F359A AIHRDLAA	1539	1465
>ABL1-F359A FIHRDLAA	379	>ABL1-F359A AIHRDLAA	3064	2685
>ABL1-F359A FIHRDLAA	150	>ABL1-F359A AIHRDLAA	1433	1283
>ABL1-F359A FIHRDLAA	8108	>ABL1-F359A AIHRDLAA	216	7892
>ABL1-F359A FIHRDLAAR	435	>ABL1-F359A AIHRDLAAR	43	392
>ABL1-F359A FIHRDLAAR	66	>ABL1-F359A AIHRDLAAR	1082	1016
>ABL1-F359A NFIHRDLAAR	52	>ABL1-F359A NAIHRDLAAR	200	148
>ABL1-F359A NFIHRDLAAR	26	>ABL1-F359A NAIHRDLAAR	253	227
>ABL1-F359A NFIHRDLAAR	35	>ABL1-F359A NAIHRDLAAR	15	20
>ABL1-F359A NFIHRDLA	10600	>ABL1-F359A NAIHRDLA	425	10175
>ABL1-F359A NFIHRDLAAR	165	>ABL1-F359A NAIHRDLAAR	3058	2893
>ABL1-F359A SAMEYLEKKN	99	>ABL1-F359A SAMEYLEKKN	13061	12962
>ABL1-F359A SAMEYLEKKN	23	>ABL1-F359A SAMEYLEKKN	16684	16661
>ABL1-F359A KNFIHRDL	150	>ABL1-F359A KNAIHRDL	7558	7408
>ABL1-F359A KNFIHRDLAA	23	>ABL1-F359A KNAIHRDLAA	119	96
>ABL1-F359A KNFIHRDLAA	124	>ABL1-F359A KNAIHRDLAA	449	325
>ABL1-F359A KKNFIHRDL	232	>ABL1-F359A KKNAIHRDL	117	115
>ABL1-F359A EKKNFIHR	464	>ABL1-F359A EKKNAIHR	2555	2091
>ABL1-F359A EKKNFIHR	177	>ABL1-F359A EKKNAIHR	347	170
>ABL1-F359A EKKNFIHR	154	>ABL1-F359A EKKNAIHR	1013	859
>ABL1-F359A LEKKNFIHR	387	>ABL1-F359A LEKKNAIHR	4386	3999
>ABL1-F359A LEKKNFIHRDI	238	>ABL1-F359A LEKKNAIHRD	266	28
>ABL1-F359A LEKKNFIHRDI	181	>ABL1-F359A LEKKNAIHRD	379	198
>ABL1-F359A LEKKNFIHRDI	290	>ABL1-F359A LEKKNAIHRD	485	195
>ABL1-F359A LEKKNFIHR	115	>ABL1-F359A LEKKNAIHR	370	255
>ABL1-F359A YLEKKNFI	313	>ABL1-F359A YLEKKNAI	1171	858
>ABL1-F359A YLEKKNFI	23	>ABL1-F359A YLEKKNAI	75	52
>ABL1-F359A YLEKKNFI	306	>ABL1-F359A YLEKKNAI	283	23

>ABL1-F359AYLEKKNFI	57	>ABL1-F359AYLEKKNAI	105	48
>ABL1-F359AYLEKKNFI	24	>ABL1-F359AYLEKKNAI	32	8
>ABL1-F359AYLEKKNFI	146	>ABL1-F359AYLEKKNAI	1596	1450
>ABL1-F359AYLEKKNFI	19	>ABL1-F359AYLEKKNAI	29	10
>ABL1-F359AYLEKKNFI	789	>ABL1-F359AYLEKKNAI	142	647
>ABL1-F359AYLEKKNFIHR	398	>ABL1-F359AYLEKKNAIHR	408	10
>ABL1-F359AYLEKKNFIHR	68	>ABL1-F359AYLEKKNAIHR	127	59
>ABL1-F359AYLEKKNFI	554	>ABL1-F359AYLEKKNAI	226	328
>ABL1-F359AYLEKKNFI	117	>ABL1-F359AYLEKKNAI	1513	1396
>ABL1-F359AYLEKKNF	213	>ABL1-F359AYLEKKNAI	22178	21965
>ABL1-F359AYLEKKNF	27	>ABL1-F359AYLEKKNAI	8993	8966
>ABL1-F359AYLEKKNFI	86	>ABL1-F359AYLEKKNAI	197	111
>ABL1-F359AYLEKKNFIHF	154	>ABL1-F359AYLEKKNAIHF	640	486
>ABL1-F359AYLEKKNFIHF	10	>ABL1-F359AYLEKKNAIHF	23	13
>ABL1-F359AYLEKKNFIHF	172	>ABL1-F359AYLEKKNAIHF	280	108
>ABL1-F359AYLEKKNFIHF	13	>ABL1-F359AYLEKKNAIHF	18	5
>ABL1-F359AMEYLEKKNF	21	>ABL1-F359AMEYLEKKNAI	96	75
>ABL1-F359AMEYLEKKNFI	4	>ABL1-F359AMEYLEKKNAI	5	1
>ABL1-F359AMEYLEKKNF	77	>ABL1-F359AMEYLEKKNAI	11158	11081
>ABL1-F359AMEYLEKKNF	31	>ABL1-F359AMEYLEKKNAI	3258	3227
>ABL1-F359AMEYLEKKNFI	277	>ABL1-F359AMEYLEKKNAI	209	68
>ABL1-F359AMEYLEKKNF	183	>ABL1-F359AMEYLEKKNAI	3192	3009
>ABL1-F359AMEYLEKKNFI	483	>ABL1-F359AMEYLEKKNAI	835	352
>ABL1-F359AMEYLEKKNF	120	>ABL1-F359AMEYLEKKNAI	3406	3286
>ABL1-F359AMEYLEKKNF	8840	>ABL1-F359AMEYLEKKNAI	126	8714
>ABL1-F359AMEYLEKKNFI	507	>ABL1-F359AMEYLEKKNAI	338	169
>ABL1-F359AMEYLEKKNFI	28	>ABL1-F359AMEYLEKKNAI	51	23
>ABL1-F359AMEYLEKKNFI	277	>ABL1-F359AMEYLEKKNAI	867	590
>ABL1-F359AMEYLEKKNFI	3964	>ABL1-F359AMEYLEKKNAI	440	3524
>ABL1-F359AMEYLEKKNFI	194	>ABL1-F359AMEYLEKKNAI	13536	13342
>ABL1-F359CFIHRDLAA	46	>ABL1-F359CFIHRDLAA	1618	1572
>ABL1-F359CFIHRDLAA	74	>ABL1-F359CFIHRDLAA	7669	7595
>ABL1-F359CFIHRDLAA	379	>ABL1-F359CFIHRDLAA	10889	10510
>ABL1-F359CFIHRDLAA	150	>ABL1-F359CFIHRDLAA	8168	8018
>ABL1-F359CFIHRDLAAR	435	>ABL1-F359CFIHRDLAAR	121	314
>ABL1-F359CFIHRDLAAR	66	>ABL1-F359CFIHRDLAAR	323	257
>ABL1-F359CFIHRDLAAR	52	>ABL1-F359CFIHRDLAAR	444	392
>ABL1-F359CFIHRDLAAR	26	>ABL1-F359CFIHRDLAAR	807	781
>ABL1-F359CFIHRDLAAR	35	>ABL1-F359CFIHRDLAAR	2330	2295
>ABL1-F359CFIHRDLAAR	165	>ABL1-F359CFIHRDLAAR	961	796
>ABL1-F359CSAMEYLEKKN	99	>ABL1-F359CSAMEYLEKKN	15678	15579
>ABL1-F359CSAMEYLEKKN	23	>ABL1-F359CSAMEYLEKKN	18197	18174
>ABL1-F359CKNFIHRDL	150	>ABL1-F359CKNFIHRDL	6434	6284



>ABL1-F359C KNFIHRDLAA	23	>ABL1-F359C KNCIHRDLAA	56	33
>ABL1-F359C KNFIHRDLAA	124	>ABL1-F359C KNCIHRDLAA	312	188
>ABL1-F359C KKNFIHRDL	232	>ABL1-F359C KKNCIHRDL	53	179
>ABL1-F359C KKNFIHRDLA	864	>ABL1-F359C KKNCIHRDLA	299	565
>ABL1-F359C EKKNFIHR	464	>ABL1-F359C EKKNCIHR	873	409
>ABL1-F359C EKKNFIHR	177	>ABL1-F359C EKKNCIHR	506	329
>ABL1-F359C EKKNFIHR	154	>ABL1-F359C EKKNCIHR	355	201
>ABL1-F359C LEKKNFIHR	387	>ABL1-F359C LEKKNCIHR	2948	2561
>ABL1-F359C LEKKNFIHRDI	238	>ABL1-F359C LEKKNCIHRD	449	211
>ABL1-F359C LEKKNFIHRDI	181	>ABL1-F359C LEKKNCIHRD	339	158
>ABL1-F359C LEKKNFIHRDI	290	>ABL1-F359C LEKKNCIHRD	460	170
>ABL1-F359C LEKKNFIHR	115	>ABL1-F359C LEKKNCIHR	525	410
>ABL1-F359C YLEKKNFI	313	>ABL1-F359C YLEKKNCI	1920	1607
>ABL1-F359C YLEKKNFI	23	>ABL1-F359C YLEKKNCI	174	151
>ABL1-F359C YLEKKNFI	306	>ABL1-F359C YLEKKNCI	2069	1763
>ABL1-F359C YLEKKNFI	57	>ABL1-F359C YLEKKNCI	431	374
>ABL1-F359C YLEKKNFI	24	>ABL1-F359C YLEKKNCI	81	57
>ABL1-F359C YLEKKNFI	146	>ABL1-F359C YLEKKNCI	601	455
>ABL1-F359C YLEKKNFI	19	>ABL1-F359C YLEKKNCI	46	27
>ABL1-F359C YLEKKNFI	789	>ABL1-F359C YLEKKNCI	173	616
>ABL1-F359C YLEKKNFIHR	398	>ABL1-F359C YLEKKNCIHR	275	123
>ABL1-F359C YLEKKNFIHR	68	>ABL1-F359C YLEKKNCIHR	108	40
>ABL1-F359C EYLEKKNFI	117	>ABL1-F359C EYLEKKNCI	600	483
>ABL1-F359C EYLEKKNF	213	>ABL1-F359C EYLEKKNC	24100	23887
>ABL1-F359C EYLEKKNF	27	>ABL1-F359C EYLEKKNC	9760	9733
>ABL1-F359C EYLEKKNFI	86	>ABL1-F359C EYLEKKNCI	1186	1100
>ABL1-F359C EYLEKKNFIHF	154	>ABL1-F359C EYLEKKNCIHF	555	401
>ABL1-F359C EYLEKKNFIHF	10	>ABL1-F359C EYLEKKNCIHF	15	5
>ABL1-F359C EYLEKKNFIHF	172	>ABL1-F359C EYLEKKNCIHF	252	80
>ABL1-F359C EYLEKKNFIHF	13	>ABL1-F359C EYLEKKNCIHF	22	9
>ABL1-F359C MEYLEKKNF	21	>ABL1-F359C MEYLEKKNC	574	553
>ABL1-F359C MEYLEKKNFI	4	>ABL1-F359C MEYLEKKNCI	4	0
>ABL1-F359C MEYLEKKNF	77	>ABL1-F359C MEYLEKKNC	16025	15948
>ABL1-F359C MEYLEKKNF	31	>ABL1-F359C MEYLEKKNC	5464	5433
>ABL1-F359C MEYLEKKNFI	277	>ABL1-F359C MEYLEKKNCI	852	575
>ABL1-F359C MEYLEKKNF	183	>ABL1-F359C MEYLEKKNC	4440	4257
>ABL1-F359C MEYLEKKNFI	483	>ABL1-F359C MEYLEKKNCI	1941	1458
>ABL1-F359C MEYLEKKNF	120	>ABL1-F359C MEYLEKKNC	5860	5740
>ABL1-F359C MEYLEKKNFI	28	>ABL1-F359C MEYLEKKNCI	44	16
>ABL1-F359C AMEYLEKKNF	277	>ABL1-F359C AMEYLEKKNC	1726	1449
>ABL1-F359C AMEYLEKKNF	194	>ABL1-F359C AMEYLEKKNC	19682	19488
>ABL1-F359I- FIHRDLAA	46	>ABL1-F359I- IHRDLAA	631	585
>ABL1-F359I- FIHRDLAA	74	>ABL1-F359I- IHRDLAA	1248	1174

>ABL1-F359I-FIHRDLAA	379	>ABL1-F359I-IIHRDLAA	2885	2506
>ABL1-F359I-FIHRDLAA	150	>ABL1-F359I-IIHRDLAA	1816	1666
>ABL1-F359I-FIHRDLAAR	435	>ABL1-F359I-IIHRDLAAR	45	390
>ABL1-F359I-FIHRDLAAR	66	>ABL1-F359I-IIHRDLAAR	233	167
>ABL1-F359I-NFIHRDLAAR	52	>ABL1-F359I-NIIHRDLAAR	91	39
>ABL1-F359I-NFIHRDLAAR	26	>ABL1-F359I-NIIHRDLAAR	63	37
>ABL1-F359I-NFIHRDLAAR	35	>ABL1-F359I-NIIHRDLAAR	11	24
>ABL1-F359I-NFIHRDLA	10600	>ABL1-F359I-NIIHRDLA	357	10243
>ABL1-F359I-NFIHRDLAA	2980	>ABL1-F359I-NIIHRDLAA	495	2485
>ABL1-F359I-NFIHRDLAAR	165	>ABL1-F359I-NIIHRDLAAR	513	348
>ABL1-F359I-SAMEYLEKKN	1557	>ABL1-F359I-SAMEYLEKKN	464	1093
>ABL1-F359I-SAMEYLEKKN	7950	>ABL1-F359I-SAMEYLEKKN	269	7681
>ABL1-F359I-SAMEYLEKKN	99	>ABL1-F359I-SAMEYLEKKN	3542	3443
>ABL1-F359I-SAMEYLEKKN	23	>ABL1-F359I-SAMEYLEKKN	1566	1543
>ABL1-F359I-SAMEYLEKKN	18838	>ABL1-F359I-SAMEYLEKKN	155	18683
>ABL1-F359I-KNFIHRDL	150	>ABL1-F359I-KNIIHRDL	934	784
>ABL1-F359I-KNFIHRDLAA	23	>ABL1-F359I-KNIIHRDLAAI	66	43
>ABL1-F359I-KNFIHRDLAA	124	>ABL1-F359I-KNIIHRDLAAI	357	233
>ABL1-F359I-KKNFIHRDL	232	>ABL1-F359I-KKNIIHRDL	327	95
>ABL1-F359I-EKKNFIHR	464	>ABL1-F359I-EKKNIIHR	735	271
>ABL1-F359I-EKKNFIHR	177	>ABL1-F359I-EKKNIIHR	170	7
>ABL1-F359I-EKKNFIHR	154	>ABL1-F359I-EKKNIIHR	472	318
>ABL1-F359I-LEKKNFIHR	387	>ABL1-F359I-LEKKNIIHR	1122	735
>ABL1-F359I-LEKKNFIHRDI	238	>ABL1-F359I-LEKKNIIHRDL	481	243
>ABL1-F359I-LEKKNFIHRDI	181	>ABL1-F359I-LEKKNIIHRDL	233	52
>ABL1-F359I-LEKKNFIHRDI	290	>ABL1-F359I-LEKKNIIHRDL	216	74
>ABL1-F359I-LEKKNFIHR	115	>ABL1-F359I-LEKKNIIHR	288	173
>ABL1-F359I-YLEKKNFI	313	>ABL1-F359I-YLEKKNII	1845	1532
>ABL1-F359I-YLEKKNFI	23	>ABL1-F359I-YLEKKNII	221	198
>ABL1-F359I-YLEKKNFI	306	>ABL1-F359I-YLEKKNII	896	590
>ABL1-F359I-YLEKKNFI	57	>ABL1-F359I-YLEKKNII	589	532
>ABL1-F359I-YLEKKNFI	24	>ABL1-F359I-YLEKKNII	97	73
>ABL1-F359I-YLEKKNFI	146	>ABL1-F359I-YLEKKNII	1483	1337
>ABL1-F359I-YLEKKNFI	19	>ABL1-F359I-YLEKKNII	54	35
>ABL1-F359I-YLEKKNFI	789	>ABL1-F359I-YLEKKNII	462	327
>ABL1-F359I-YLEKKNFIHR	398	>ABL1-F359I-YLEKKNIIHR	440	42
>ABL1-F359I-YLEKKNFIHR	68	>ABL1-F359I-YLEKKNIIHR	89	21
>ABL1-F359I-EYLEKKNFI	117	>ABL1-F359I-EYLEKKNII	1039	922
>ABL1-F359I-EYLEKKNF	213	>ABL1-F359I-EYLEKKNII	1309	1096
>ABL1-F359I-EYLEKKNF	27	>ABL1-F359I-EYLEKKNII	214	187
>ABL1-F359I-EYLEKKNFI	86	>ABL1-F359I-EYLEKKNII	344	258
>ABL1-F359I-EYLEKKNFIHF	154	>ABL1-F359I-EYLEKKNIIHR	312	158
>ABL1-F359I-EYLEKKNFIHF	10	>ABL1-F359I-EYLEKKNIIHR	15	5

>ABL1-F359I- EYLEKKNFIHF	172	>ABL1-F359I- EYLEKKNIIHR	243	71
>ABL1-F359I- EYLEKKNFIHF	13	>ABL1-F359I- EYLEKKNIIHR	17	4
>ABL1-F359I- MEYLEKKNF	21	>ABL1-F359I- MEYLEKKNI	5	16
>ABL1-F359I- MEYLEKKNFI	4	>ABL1-F359I- MEYLEKKNII	5	1
>ABL1-F359I- MEYLEKKNF	77	>ABL1-F359I- MEYLEKKNI	2919	2842
>ABL1-F359I- MEYLEKKNF	31	>ABL1-F359I- MEYLEKKNI	2192	2161
>ABL1-F359I- MEYLEKKNFI	277	>ABL1-F359I- MEYLEKKNII	371	94
>ABL1-F359I- MEYLEKKNF	183	>ABL1-F359I- MEYLEKKNI	817	634
>ABL1-F359I- MEYLEKKNFI	483	>ABL1-F359I- MEYLEKKNII	2500	2017
>ABL1-F359I- MEYLEKKNF	120	>ABL1-F359I- MEYLEKKNI	1265	1145
>ABL1-F359I- MEYLEKKNF	532	>ABL1-F359I- MEYLEKKNI	29	503
>ABL1-F359I- MEYLEKKNFI	28	>ABL1-F359I- MEYLEKKNII	67	39
>ABL1-F359I- AMEYLEKKNF	277	>ABL1-F359I- AMEYLEKKNI	2103	1826
>ABL1-F359I- AMEYLEKKNF	194	>ABL1-F359I- AMEYLEKKNI	5085	4891
>ABL1-F359I- AMEYLEKKNFI	4386	>ABL1-F359I- AMEYLEKKNI	468	3918
>ABL1-F359V FIHRDLAA	46	>ABL1-F359V VIHRDLAA	832	786
>ABL1-F359V FIHRDLAA	74	>ABL1-F359V VIHRDLAA	1803	1729
>ABL1-F359V FIHRDLAA	379	>ABL1-F359V VIHRDLAA	2607	2228
>ABL1-F359V FIHRDLAA	150	>ABL1-F359V VIHRDLAA	1418	1268
>ABL1-F359V FIHRDLAAR	435	>ABL1-F359V VIHRDLAAR	75	360
>ABL1-F359V FIHRDLAAR	66	>ABL1-F359V VIHRDLAAR	822	756
>ABL1-F359V NFIHRDLAAR	52	>ABL1-F359V NVIHRDLAAR	113	61
>ABL1-F359V NFIHRDLAAR	26	>ABL1-F359V NVIHRDLAAR	79	53
>ABL1-F359V NFIHRDLAAR	35	>ABL1-F359V NVIHRDLAAR	8	27
>ABL1-F359V NFIHRDLA	10600	>ABL1-F359V NVIHRDLA	89	10511
>ABL1-F359V NFIHRDLAA	17478	>ABL1-F359V NVIHRDLAA	407	17071
>ABL1-F359V NFIHRDLAAR	165	>ABL1-F359V NVIHRDLAAR	1309	1144
>ABL1-F359V SAMEYLEKKN	16286	>ABL1-F359V SAMEYLEKKN	379	15907
>ABL1-F359V SAMEYLEKKN	9391	>ABL1-F359V SAMEYLEKKN	335	9056
>ABL1-F359V SAMEYLEKKN	16292	>ABL1-F359V SAMEYLEKKN	244	16048
>ABL1-F359V SAMEYLEKKN	1557	>ABL1-F359V SAMEYLEKKN	157	1400
>ABL1-F359V SAMEYLEKKN	15515	>ABL1-F359V SAMEYLEKKN	140	15375
>ABL1-F359V SAMEYLEKKN	30912	>ABL1-F359V SAMEYLEKKN	224	30688
>ABL1-F359V SAMEYLEKKN	19875	>ABL1-F359V SAMEYLEKKN	292	19583
>ABL1-F359V SAMEYLEKKN	7950	>ABL1-F359V SAMEYLEKKN	62	7888
>ABL1-F359V SAMEYLEKKN	99	>ABL1-F359V SAMEYLEKKN	4695	4596
>ABL1-F359V SAMEYLEKKN	23	>ABL1-F359V SAMEYLEKKN	7711	7688
>ABL1-F359V KNFIHRDL	150	>ABL1-F359V KNVIHRDL	1496	1346
>ABL1-F359V KNFIHRDLAA	23	>ABL1-F359V KNVIHRDLAA	113	90
>ABL1-F359V KNFIHRDLAA	124	>ABL1-F359V KNVIHRDLAA	317	193
>ABL1-F359V KKNFIHRDL	232	>ABL1-F359V KKNVIHRDL	176	56
>ABL1-F359V EKKNFIHR	464	>ABL1-F359V EKKNVIHR	809	345
>ABL1-F359V EKKNFIHR	177	>ABL1-F359V EKKNVIHR	187	10

>ABL1-F359V EKKNFIHR	154	>ABL1-F359V EKKNVIHR	1256	1102
>ABL1-F359V LEKKNFIHR	387	>ABL1-F359V LEKKNVIHR	1867	1480
>ABL1-F359V LEKKNFIHRDI	238	>ABL1-F359V LEKKNVIHRD	527	289
>ABL1-F359V LEKKNFIHRDI	181	>ABL1-F359V LEKKNVIHRD	237	56
>ABL1-F359V LEKKNFIHRDI	290	>ABL1-F359V LEKKNVIHRD	211	79
>ABL1-F359V LEKKNFIHR	115	>ABL1-F359V LEKKNVIHR	425	310
>ABL1-F359V YLEKKNFI	313	>ABL1-F359V YLEKKNVI	2080	1767
>ABL1-F359V YLEKKNFI	23	>ABL1-F359V YLEKKNVI	218	195
>ABL1-F359V YLEKKNFI	306	>ABL1-F359V YLEKKNVI	972	666
>ABL1-F359V YLEKKNFI	57	>ABL1-F359V YLEKKNVI	238	181
>ABL1-F359V YLEKKNFI	24	>ABL1-F359V YLEKKNVI	75	51
>ABL1-F359V YLEKKNFI	146	>ABL1-F359V YLEKKNVI	1279	1133
>ABL1-F359V YLEKKNFI	19	>ABL1-F359V YLEKKNVI	38	19
>ABL1-F359V YLEKKNFI	789	>ABL1-F359V YLEKKNVI	288	501
>ABL1-F359V YLEKKNFIHR	398	>ABL1-F359V YLEKKNVIHR	326	72
>ABL1-F359V YLEKKNFIHR	68	>ABL1-F359V YLEKKNVIHR	101	33
>ABL1-F359V EYLEKKNFI	554	>ABL1-F359V EYLEKKNVI	471	83
>ABL1-F359V EYLEKKNFI	117	>ABL1-F359V EYLEKKNVI	1184	1067
>ABL1-F359V EYLEKKNF	213	>ABL1-F359V EYLEKKNV	9876	9663
>ABL1-F359V EYLEKKNF	27	>ABL1-F359V EYLEKKNV	4596	4569
>ABL1-F359V EYLEKKNFI	86	>ABL1-F359V EYLEKKNVI	127	41
>ABL1-F359V EYLEKKNFIHF	154	>ABL1-F359V EYLEKKNVIHF	432	278
>ABL1-F359V EYLEKKNFIHF	10	>ABL1-F359V EYLEKKNVIHF	18	8
>ABL1-F359V EYLEKKNFIHF	172	>ABL1-F359V EYLEKKNVIHF	274	102
>ABL1-F359V EYLEKKNFIHF	13	>ABL1-F359V EYLEKKNVIHF	18	5
>ABL1-F359V MEYLEKKNF	21	>ABL1-F359V MEYLEKKNV	8	13
>ABL1-F359V MEYLEKKNFI	4	>ABL1-F359V MEYLEKKNVI	5	1
>ABL1-F359V MEYLEKKNF	77	>ABL1-F359V MEYLEKKNV	3783	3706
>ABL1-F359V MEYLEKKNF	31	>ABL1-F359V MEYLEKKNV	1504	1473
>ABL1-F359V MEYLEKKNFI	277	>ABL1-F359V MEYLEKKNVI	372	95
>ABL1-F359V MEYLEKKNF	183	>ABL1-F359V MEYLEKKNV	1451	1268
>ABL1-F359V MEYLEKKNFI	483	>ABL1-F359V MEYLEKKNVI	2317	1834
>ABL1-F359V MEYLEKKNF	120	>ABL1-F359V MEYLEKKNV	1610	1490
>ABL1-F359V MEYLEKKNF	532	>ABL1-F359V MEYLEKKNV	82	450
>ABL1-F359V MEYLEKKNFI	28	>ABL1-F359V MEYLEKKNVI	79	51
>ABL1-F359V AMEYLEKKNF	277	>ABL1-F359V AMEYLEKKNV	2168	1891
>ABL1-F359V AMEYLEKKNF	28496	>ABL1-F359V AMEYLEKKNV	46	28450
>ABL1-F359V AMEYLEKKNF	194	>ABL1-F359V AMEYLEKKNV	6251	6057
>ABL1-F382L GENHLVKVAI	1099	>ABL1-F382L GENHLVKVAI	285	814
>ABL1-F382L GENHLVKVAI	1862	>ABL1-F382L GENHLVKVAI	172	1690
>ABL1-F382L GENHLVKVAI	476	>ABL1-F382L GENHLVKVAI	191	285
>ABL1-F382L GENHLVKVAI	147	>ABL1-F382L GENHLVKVAI	733	586
>ABL1-F382L GENHLVKVAI	79	>ABL1-F382L GENHLVKVAI	324	245

>ABL1-F382L GENHLVKVAI	116	>ABL1-F382L GENHLVKVAI	43	73
>ABL1-F382L ADFGLSRL	111	>ABL1-F382L ADLGLSRL	406	295
>ABL1-F382L ADFGLSRLM	106	>ABL1-F382L ADLGLSRLM	612	506
>ABL1-F382L ADFGLSRLM	156	>ABL1-F382L ADLGLSRLM	692	536
>ABL1-F382L VADFGLSRL	120	>ABL1-F382L VADLGLSRL	88	32
>ABL1-F382L VADFGLSRLM	464	>ABL1-F382L VADLGLSRLM	411	53
>ABL1-F382L VADFGLSRL	179	>ABL1-F382L VADLGLSRL	531	352
>ABL1-F382L KVADFGLSRL	46	>ABL1-F382L KVADLGLSRL	107	61
>ABL1-F382L KVADFGLSRL	351	>ABL1-F382L KVADLGLSRL	577	226
>ABL1-F382L KVADFGLSRL	101	>ABL1-F382L KVADLGLSRL	191	90
>ABL1-F382L KVADFGLSRL	307	>ABL1-F382L KVADLGLSRL	429	122
>ABL1-F382L KVADFGLSRL	217	>ABL1-F382L KVADLGLSRL	548	331
>ABL1-F382L KVADFGLSRL	51	>ABL1-F382L KVADLGLSRL	88	37
>ABL1-F382L KVADFGLSR	309	>ABL1-F382L KVADLGLSR	532	223
>ABL1-F382L KVADFGLSR	27	>ABL1-F382L KVADLGLSR	65	38
>ABL1-F382L KVADFGLSR	59	>ABL1-F382L KVADLGLSR	91	32
>ABL1-F382L KVADFGLSR	145	>ABL1-F382L KVADLGLSR	394	249
>ABL1-F382L KVADFGLSRL	67	>ABL1-F382L KVADLGLSRL	78	11
>ABL1-F382L KVADFGLSRL	317	>ABL1-F382L KVADLGLSRL	339	22
>ABL1-F382L KVADFGLSRL	44	>ABL1-F382L KVADLGLSRL	45	1
>ABL1-F382L KVADFGLSR	21	>ABL1-F382L KVADLGLSR	37	16
>ABL1-F382L VKVADFGI	477	>ABL1-F382L VKVADLGI	499	22
>ABL1-F382L VKVADFGLSR	341	>ABL1-F382L VKVADLGLSR	907	566
>ABL1-F382L VKVADFGLSR	345	>ABL1-F382L VKVADLGLSR	616	271
>ABL1-F382L LVKVADFGI	257	>ABL1-F382L LVKVADLGI	302	45
>ABL1-F382L LVKVADFGI	64	>ABL1-F382L LVKVADLGI	205	141
>ABL1-F382L LVKVADFGI	358	>ABL1-F382L LVKVADLGI	929	571
>ABL1-F382L LVKVADFGI	133	>ABL1-F382L LVKVADLGI	316	183
>ABL1-F382L HLVKVADFGI	418	>ABL1-F382L HLVKVADLGI	913	495
>ABL1-F382L HLVKVADF	3476	>ABL1-F382L HLVKVADL	101	3375
>ABL1-F382L HLVKVADFGI	73	>ABL1-F382L HLVKVADLGI	115	42
>ABL1-F382L HLVKVADF	8059	>ABL1-F382L HLVKVADL	219	7840
>ABL1-F382L HLVKVADF	12460	>ABL1-F382L HLVKVADL	335	12125
>ABL1-F382L HLVKVADFGI	71	>ABL1-F382L HLVKVADLGI	246	175
>ABL1-F382L HLVKVADF	14022	>ABL1-F382L HLVKVADL	253	13769
>ABL1-F382L HLVKVADFGI	37	>ABL1-F382L HLVKVADLGI	216	179
>ABL1-F382L HLVKVADF	18897	>ABL1-F382L HLVKVADL	341	18556
>ABL1-F382L HLVKVADFGI	36	>ABL1-F382L HLVKVADLGI	133	97
>ABL1-F382L HLVKVADF	11478	>ABL1-F382L HLVKVADL	47	11431
>ABL1-F382L HLVKVADFGI	31	>ABL1-F382L HLVKVADLGI	71	40
>ABL1-F382L HLVKVADF	416	>ABL1-F382L HLVKVADL	6483	6067
>ABL1-F382L HLVKVADF	257	>ABL1-F382L HLVKVADL	4050	3793
>ABL1-F382L NHLVKVADF	9576	>ABL1-F382L NHLVKVADL	366	9210

>ABL1-F382L NHLVKVADFC	224	>ABL1-F382L NHLVKVADLC	345	121
>ABL1-F486S FAEIHQAF	364	>ABL1-F486S SAEIHQAF	1676	1312
>ABL1-F486S FAEIHQAF	47	>ABL1-F486S SAEIHQAF	129	82
>ABL1-F486S FAEIHQAF	23	>ABL1-F486S SAEIHQAF	211	188
>ABL1-F486S FAEIHQAFETI	50	>ABL1-F486S SAEIHQAFETI	576	526
>ABL1-F486S SFAEIHQA	387	>ABL1-F486S SSAEIHQA	807	420
>ABL1-F486S SFAEIHQAF	202	>ABL1-F486S SSAEIHQAF	11360	11158
>ABL1-F486S SFAEIHQAF	288	>ABL1-F486S SSAEIHQAF	4519	4231
>ABL1-F486S SFAEIHQAF	14	>ABL1-F486S SSAEIHQAF	5331	5317
>ABL1-F486S SFAEIHQAF	3203	>ABL1-F486S SSAEIHQAF	172	3031
>ABL1-F486S SFAEIHQAF	247	>ABL1-F486S SSAEIHQAF	4415	4168
>ABL1-F486S SFAEIHQAF	1063	>ABL1-F486S SSAEIHQAF	62	1001
>ABL1-F486S SFAEIHQA	5762	>ABL1-F486S SSAEIHQA	92	5670
>ABL1-F486S SFAEIHQAF	916	>ABL1-F486S SSAEIHQAF	103	813
>ABL1-F486S SFAEIHQAF	220	>ABL1-F486S SSAEIHQAF	1926	1706
>ABL1-F486S SFAEIHQAF	868	>ABL1-F486S SSAEIHQAF	26	842
>ABL1-F486S SFAEIHQAF	20149	>ABL1-F486S SSAEIHQAF	11	20138
>ABL1-F486S SFAEIHQAF	214	>ABL1-F486S SSAEIHQAF	135	79
>ABL1-F486S SFAEIHQAF	20130	>ABL1-F486S SSAEIHQAF	398	19732
>ABL1-F486S SFAEIHQAF	3379	>ABL1-F486S SSAEIHQAF	86	3293
>ABL1-F486S SFAEIHQAF	282	>ABL1-F486S SSAEIHQAF	380	98
>ABL1-F486S WQWNPSDR	139	>ABL1-F486S WQWNPSDR	944	805
>ABL1-F486S WQWNPSDR	56	>ABL1-F486S WQWNPSDR	6921	6865
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>ABL1-F486S WQWNPSDR	156	>ABL1-F486S WQWNPSDR	10015	9859
>ABL1-F486S WQWNPSDR	285	>ABL1-F486S WQWNPSDR	1750	1465
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>ABL1-F486S PSFAEIHQAF	30	>ABL1-F486S PSSAEIHQAF	293	263
>ABL1-F486S PSFAEIHQAF	91	>ABL1-F486S PSSAEIHQAF	697	606
>ABL1-F486S RPSFAEIHQ	6048	>ABL1-F486S RPSSAEIHQ	233	5815
>ABL1-F486S RPSFAEIHQA	216	>ABL1-F486S RPSSAEIHQA	39	177
>ABL1-F486S RPSFAEIHQA	25	>ABL1-F486S RPSSAEIHQA	21	4
>ABL1-F486S RPSFAEIHQA	110	>ABL1-F486S RPSSAEIHQA	41	69
>ABL1-F486S RPSFAEIHQA	26	>ABL1-F486S RPSSAEIHQA	20	6
>ABL1-F486S RPSFAEIHQA	38	>ABL1-F486S RPSSAEIHQA	19	19
>ABL1-F486S SDRPSFAEI	436	>ABL1-F486S SDRPSSAEI	453	17
>ABL1-F486S SDRPSFAEI	39	>ABL1-F486S SDRPSSAEI	53	14
>ABL1-F486S NPSDRPSF	68	>ABL1-F486S NPSDRPSS	10296	10228
>ABL1-F486S NPSDRPSFA	2586	>ABL1-F486S NPSDRPSSA	142	2444
>ABL1-F486S NPSDRPSFAE	267	>ABL1-F486S NPSDRPSSAE	136	131
>ABL1-F486S NPSDRPSF	61	>ABL1-F486S NPSDRPSS	3618	3557
>ABL1-F486S NPSDRPSFAE	439	>ABL1-F486S NPSDRPSSAE	667	228

>ABL1-F486S NPSDRPSF	151	>ABL1-F486S NPSDRPSS	17218	17067
>ABL1-F486S NPSDRPSFAE	242	>ABL1-F486S NPSDRPSSAE	308	66
>ABL1-F486S WNPSDRPSF	363	>ABL1-F486S WNPSDRPSS	21894	21531
>ABL1-F486S QWNPSDRPS	56	>ABL1-F486S QWNPSDRPS	28139	28083
>ABL1-F486S QWNPSDRPS	81	>ABL1-F486S QWNPSDRPS	25048	24967
>ABL1-F486S QWNPSDRPS	133	>ABL1-F486S QWNPSDRPS	19407	19274
>ABL1-F486S QWNPSDRPS	377	>ABL1-F486S QWNPSDRPS	19688	19311
>ABL1-F486S QWNPSDRPS	72	>ABL1-F486S QWNPSDRPS	225	153
>ABL1-G250I GGQYGEVY	341	>ABL1-G250I EGQYGEVY	1295	954
>ABL1-G250I GGQYGEVYEI	16185	>ABL1-G250I EGQYGEVYEC	349	15836
>ABL1-G250I GGGQYGEVY	235	>ABL1-G250I GEGQYGEVY	190	45
>ABL1-G250I GGGQYGEV	39269	>ABL1-G250I GEGQYGEV	351	38918
>ABL1-G250I GGGQYGEVY	33755	>ABL1-G250I GEGQYGEVY	132	33623
>ABL1-G250I GGGQYGEV	38559	>ABL1-G250I GEGQYGEV	104	38455
>ABL1-G250I GGGQYGEVY	326	>ABL1-G250I GEGQYGEVY	2155	1829
>ABL1-G250I LGGGQYGEV	272	>ABL1-G250I LGEGQYGEV	1986	1714
>ABL1-G250I KLGGGQYGE	212	>ABL1-G250I KLGEGQYGE	154	58
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>ABL1-G250I KLGGGQYGE	7	>ABL1-G250I KLGEGQYGE	6	1
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>ABL1-G250I KLGGGQYGE	2	>ABL1-G250I KLGEGQYGE	2	0
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>ABL1-G250I KLGGGQYGE	87	>ABL1-G250I KLGEGQYGE	84	3
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>ABL1-G250I KLGGGQYGE	385	>ABL1-G250I KLGEGQYGE	1520	1135
>ABL1-G250I HKLGGGQY	132	>ABL1-G250I HKLGEGQY	1229	1097
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>ABL1-G250I TMKHKLGGG	77	>ABL1-G250I TMKHKLGEG	182	105
>ABL1-G251I GQYGEVYEG	170	>ABL1-G251I DQYGEVYEG	1190	1020
>ABL1-G251I GQYGEVYEG	44	>ABL1-G251I DQYGEVYEG	352	308

>ABL1-G251IGQYGEVYEG'	58	>ABL1-G251IDQYGEVYEG'	250	192
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>ABL1-G251IGQYGEVYEG'	21	>ABL1-G251IDQYGEVYEG'	1225	1204
>ABL1-G251IGQYGEVYEG'	13	>ABL1-G251IDQYGEVYEG'	178	165
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>ABL1-G251IGQYGEVYEG'	58	>ABL1-G251IDQYGEVYEG'	448	390
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>ABL1-G251IGGGQYGEVY	326	>ABL1-G251IGGDQYGEVY	286	40
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>ABL1-G251IKLGGGQYGE'	212	>ABL1-G251IKLGGDQYGE'	208	4
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>ABL1-G251IKLGGGQYGE'	128	>ABL1-G251IKLGGDQYGE'	233	105
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>ABL1-G251IKLGGGQYGE'	385	>ABL1-G251IKLGGDQYGE'	356	29
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>ABL1-G251IHKLGGGQY	100	>ABL1-G251IHKLGGDQY	177	77
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>ABL1-G251ITMKHKLGGG	76	>ABL1-G251ITMKHKLGGD	155	79
>ABL1-G251ITMKHKLGGG	32	>ABL1-G251ITMKHKLGGD	92	60
>ABL1-G251ITMKHKLGGG	69	>ABL1-G251ITMKHKLGGD	92	23
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>ABL1-G321IYGNLLDYLR	161	>ABL1-G321IYENLLDYLR	490	329
>ABL1-G321IYGNLLDYL	21603	>ABL1-G321IYENLLDYL	188	21415
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>ABL1-G321FYGNLLDYL	21707	>ABL1-G321FYENLLDYL	26	21681
>ABL1-G321FYGNLLDYL	27404	>ABL1-G321FYENLLDYL	63	27341
>ABL1-G321FYGNLLDYLREI	36411	>ABL1-G321FYENLLDYLREI	431	35980
>ABL1-G321FYGNLLDYL	26364	>ABL1-G321FYENLLDYL	73	26291
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>ABL1-G321FYGNLLDYLRL	54	>ABL1-G321FYENLLDYLRL	83	29
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>ABL1-G321FTYGNLLDYL	431	>ABL1-G321FTYENLLDYL	764	333
>ABL1-G321FTYGNLLDYL	6	>ABL1-G321FTYENLLDYL	13	7
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>ABL1-G321FTYGNLLDYLRL	227	>ABL1-G321FTYENLLDYLRL	541	314
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>ABL1-G321FTYGNLLDYLRL	433	>ABL1-G321FTYENLLDYLRL	758	325
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>ABL1-G321FTYGNLLDYI	220	>ABL1-G321FTYENLLDYL	33	187
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>ABL1-G321FTYGNLLDYI	81	>ABL1-G321FTYENLLDYL	102	21
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>ABL1-G321fMTYGNLLDYI	35	>ABL1-G321fMTYENLLDYL	12	23
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>ABL1-G321fMTYGNLLDY	170	>ABL1-G321fMTYENLLDY	163	7
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>ABL1-G321fMTYGNLLDYI	126	>ABL1-G321fMTYENLLDYL	155	29
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>ABL1-G321fFMTYGNLL	14	>ABL1-G321fFMTYENLL	34	20
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>ABL1-G321fFMTYGNLLD\	11	>ABL1-G321fFMTYENLLDY	15	4
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>ABL1-G321fFMTYGNLLD\	11	>ABL1-G321fFMTYENLLDY	17	6
>ABL1-G321fFMTYGNLL	327	>ABL1-G321fFMTYENLL	641	314
>ABL1-G321fFMTYGNLLD\	19	>ABL1-G321fFMTYENLLDY	29	10
>ABL1-G321fFMTYGNLL	5	>ABL1-G321fFMTYENLL	7	2
>ABL1-G321fFMTYGNLLD\	4	>ABL1-G321fFMTYENLLDY	6	2
>ABL1-G321fFMTYGNLLD\	247	>ABL1-G321fFMTYENLLDY	691	444
>ABL1-G321fFMTYGNLLD\	178	>ABL1-G321fFMTYENLLDY	119	59
>ABL1-G321fFMTYGNLLD\	485	>ABL1-G321fFMTYENLLDY	875	390
>ABL1-G321fFMTYGNLLD\	10	>ABL1-G321fFMTYENLLDY	10	0
>ABL1-G321fFMTYGNLLD\	128	>ABL1-G321fFMTYENLLDY	233	105
>ABL1-G321fFMTYGNLL	406	>ABL1-G321fFMTYENLL	4025	3619

>ABL1-G321fFMTYGNLLD\	27	>ABL1-G321fFMTYENLLDY	82	55
>ABL1-G321fFMTYGNLL	128	>ABL1-G321fFMTYENLL	247	119
>ABL1-G321fFMTYGNLLD\	28	>ABL1-G321fFMTYENLLDY	24	4
>ABL1-G321fFMTYGNLLD\	450	>ABL1-G321fFMTYENLLDY	483	33
>ABL1-G321fFMTYGNLL	324	>ABL1-G321fFMTYENLL	864	540
>ABL1-G321fFMTYGNLL	482	>ABL1-G321fFMTYENLL	5842	5360
>ABL1-G321fFMTYGNLLD\	163	>ABL1-G321fFMTYENLLDY	203	40
>ABL1-G321fEFMTYGNLLC	126	>ABL1-G321fEFMTYENLLC	122	4
>ABL1-G321fEFMTYGNLLC	240	>ABL1-G321fEFMTYENLLC	416	176
>ABL1-G321fEFMTYGNLLC	21	>ABL1-G321fEFMTYENLLC	43	22
>ABL1-G321fEFMTYGNLLC	319	>ABL1-G321fEFMTYENLLC	301	18
>ABL1-G321fTEFMTYGNL	491	>ABL1-G321fTEFMTYENL	1043	552
>ABL1-G321fTEFMTYGNL	36	>ABL1-G321fTEFMTYENL	66	30
>ABL1-G321fTEFMTYGNLI	13	>ABL1-G321fTEFMTYENLL	16	3
>ABL1-G321fTEFMTYGNL	1780	>ABL1-G321fTEFMTYENL	449	1331
>ABL1-G321fTEFMTYGNL	378	>ABL1-G321fTEFMTYENL	230	148
>ABL1-G321fTEFMTYGNLI	396	>ABL1-G321fTEFMTYENLL	461	65
>ABL1-G321fTEFMTYGNL	13	>ABL1-G321fTEFMTYENL	8	5
>ABL1-G321fTEFMTYGNLI	202	>ABL1-G321fTEFMTYENLL	334	132
>ABL1-G321fTEFMTYGNL	103	>ABL1-G321fTEFMTYENL	66	37
>ABL1-G321fTEFMTYGNLI	278	>ABL1-G321fTEFMTYENLL	296	18
>ABL1-G321fTEFMTYGNL	1255	>ABL1-G321fTEFMTYENL	393	862
>ABL1-G321fTEFMTYGNL	799	>ABL1-G321fTEFMTYENL	473	326
>ABL1-G321fTEFMTYGNLI	381	>ABL1-G321fTEFMTYENLL	515	134
>ABL1-G321fTEFMTYGNL	120	>ABL1-G321fTEFMTYENL	81	39
>ABL1-G321fTEFMTYGNLI	11	>ABL1-G321fTEFMTYENLL	12	1
>ABL1-G321fITEFMTYGNL	434	>ABL1-G321fITEFMTYENL	3451	3017
>ABL1-G321fITEFMTYGNL	458	>ABL1-G321fITEFMTYENL	813	355
>ABL1-G321fITEFMTYGNL	54	>ABL1-G321fITEFMTYENL	69	15
>ABL1-G321fITEFMTYGNL	175	>ABL1-G321fITEFMTYENLI	360	185
>ABL1-G321fITEFMTYGNL	324	>ABL1-G321fITEFMTYENL	252	72
>ABL1-G321fITEFMTYGNL	31	>ABL1-G321fITEFMTYENLI	82	51
>ABL1-G321fITEFMTYGNL	257	>ABL1-G321fITEFMTYENL	911	654
>ABL1-G321fITEFMTYGNL	31	>ABL1-G321fITEFMTYENLI	40	9
>ABL1-G321fIITEFMTYGNL	144	>ABL1-G321fIITEFMTYENL	181	37
>ABL1-G321fIITEFMTYGNL	997	>ABL1-G321fIITEFMTYENL	425	572
>ABL1-G321fIITEFMTYGNL	118	>ABL1-G321fIITEFMTYENL	33	85
>ABL1-G321fIITEFMTYGNL	138	>ABL1-G321fIITEFMTYENL	240	102
>ABL1-G321fIITEFMTYGNL	388	>ABL1-G321fIITEFMTYENL	132	256
>ABL1-G321fIITEFMTYGNL	366	>ABL1-G321fIITEFMTYENL	153	213
>ABL1-G321fIITEFMTYGNL	155	>ABL1-G321fIITEFMTYENL	53	102
>ABL1-H396fHAGAKFPIK	76	>ABL1-H396fPAGAKFPIK	4503	4427
>ABL1-H396fHAGAKFPI	459	>ABL1-H396fPAGAKFPI	16699	16240

>ABL1-H396FHAGAKFPI	381	>ABL1-H396F PAGAKFPI	7852	7471
>ABL1-H396FHAGAKFPIKM	306	>ABL1-H396F PAGAKFPIKM	6254	5948
>ABL1-H396FHAGAKFPIKM	77	>ABL1-H396F PAGAKFPIKM	2310	2233
>ABL1-H396FHAGAKFPIKM	32	>ABL1-H396F PAGAKFPIKM	2948	2916
>ABL1-H396FAHAGAKFPI	11868	>ABL1-H396F APAGAKFPI	19	11849
>ABL1-H396FAHAGAKFPI	14495	>ABL1-H396F APAGAKFPI	10	14485
>ABL1-H396FAHAGAKFPI	79	>ABL1-H396F APAGAKFPI	452	373
>ABL1-H396FAHAGAKFPI	21791	>ABL1-H396F APAGAKFPI	398	21393
>ABL1-H396FAHAGAKFPIK	4646	>ABL1-H396F APAGAKFPIK	31	4615
>ABL1-H396FAHAGAKFPI	25968	>ABL1-H396F APAGAKFPI	365	25603
>ABL1-H396FAHAGAKFPI	26286	>ABL1-H396F APAGAKFPI	304	25982
>ABL1-H396FAHAGAKFPIK	6507	>ABL1-H396F APAGAKFPIK	20	6487
>ABL1-H396FAHAGAKFPIK	71	>ABL1-H396F APAGAKFPIK	1852	1781
>ABL1-H396FRLMTGDTYT/	337	>ABL1-H396FRLMTGDTYT/	14034	13697
>ABL1-H396FRLMTGDTYT/	497	>ABL1-H396FRLMTGDTYT/	3391	2894
>ABL1-H396FRLMTGDTYT/	389	>ABL1-H396FRLMTGDTYT/	1891	1502
>ABL1-H396FTAHAGAKFPI	141	>ABL1-H396FTAPAGAKFPI	859	718
>ABL1-H396FTAHAGAKFPI	434	>ABL1-H396FTAPAGAKFPI	12886	12452
>ABL1-H396FTAHAGAKFPI	21	>ABL1-H396FTAPAGAKFPI	3910	3889
>ABL1-H396FTAHAGAKFPI	204	>ABL1-H396FTAPAGAKFPI	887	683
>ABL1-H396FTAHAGAKFPI	890	>ABL1-H396FTAPAGAKFPI	197	693
>ABL1-H396FTAHAGAKFPI	433	>ABL1-H396FTAPAGAKFPI	695	262
>ABL1-H396FTAHAGAKF	416	>ABL1-H396FTAPAGAKF	3943	3527
>ABL1-H396FTAHAGAKF	11	>ABL1-H396FTAPAGAKF	511	500
>ABL1-H396FTAHAGAKF	16359	>ABL1-H396FTAPAGAKF	49	16310
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>ABL1-H396FYTAHAGAKFF	184	>ABL1-H396FYTAPAGAKFF	131	53
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>ABL1-H396FYTAHAGAKFF	134	>ABL1-H396FYTAPAGAKFF	122	12
>ABL1-H396FYTAHAGAKFF	25	>ABL1-H396FYTAPAGAKFF	15	10
>ABL1-H396FYTAHAGAKFF	225	>ABL1-H396FYTAPAGAKFF	89	136
>ABL1-H396FYTAHAGAKFF	583	>ABL1-H396FYTAPAGAKFF	439	144
>ABL1-H396FYTAHAGAKFF	393	>ABL1-H396FYTAPAGAKFF	169	224
>ABL1-H396FYTAHAGAKFF	2407	>ABL1-H396FYTAPAGAKFF	367	2040
>ABL1-H396FYTAHAGAK	347	>ABL1-H396FYTAPAGAK	498	151
>ABL1-H396FYTAHAGAK	166	>ABL1-H396FYTAPAGAK	93	73
>ABL1-H396FYTAHAGAKF	851	>ABL1-H396FYTAPAGAKF	156	695
>ABL1-H396FYTAHAGAKF	263	>ABL1-H396FYTAPAGAKF	264	1
>ABL1-H396FYTAHAGAKF	112	>ABL1-H396FYTAPAGAKF	156	44
>ABL1-H396FYTAHAGAKF	52	>ABL1-H396FYTAPAGAKF	75	23
>ABL1-H396FYTAHAGAKF	253	>ABL1-H396FYTAPAGAKF	165	88
>ABL1-H396FYTAHAGAK	8	>ABL1-H396FYTAPAGAK	10	2
>ABL1-H396FYTAHAGAKFF	6	>ABL1-H396FYTAPAGAKFF	6	0

>ABL1-H396FYTAHAGAKFF	13	>ABL1-H396FYTAPAGAKFF	8	5
>ABL1-H396FYTAHAGAKF	72	>ABL1-H396FYTAPAGAKF	69	3
>ABL1-H396FYTAHAGAKF	238	>ABL1-H396FYTAPAGAKF	258	20
>ABL1-H396FYTAHAGAKF	41	>ABL1-H396FYTAPAGAKF	43	2
>ABL1-H396FYTAHAGAKF	3	>ABL1-H396FYTAPAGAKF	2	1
>ABL1-H396FYTAHAGAKFF	14	>ABL1-H396FYTAPAGAKFF	11	3
>ABL1-H396FYTAHAGAKF	211	>ABL1-H396FYTAPAGAKF	158	53
>ABL1-H396FYTAHAGAKF	567	>ABL1-H396FYTAPAGAKF	126	441
>ABL1-H396FYTAHAGAKF	98	>ABL1-H396FYTAPAGAKF	45	53
>ABL1-H396FYTAHAGAKFF	910	>ABL1-H396FYTAPAGAKFF	421	489
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>ABL1-H396FYTAHAGAKF	8	>ABL1-H396FYTAPAGAKF	6	2
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>ABL1-H396FYTAHAGAKF	59	>ABL1-H396FYTAPAGAKF	51	8
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>ABL1-H396FYTAHAGAKF	9	>ABL1-H396FYTAPAGAKF	9	0
>ABL1-H396FYTAHAGAKF	645	>ABL1-H396FYTAPAGAKF	404	241
>ABL1-H396FYTAHAGAKF	439	>ABL1-H396FYTAPAGAKF	405	34
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>ABL1-H396FYTAHAGAKF	108	>ABL1-H396FYTAPAGAKF	310	202
>ABL1-H396FYTAHAGAKF	20	>ABL1-H396FYTAPAGAKF	29	9
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>ABL1-H396FYTAHAGAKF	37	>ABL1-H396FYTAPAGAKF	30	7
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>ABL1-H396FYTAHAGAKF	31	>ABL1-H396FYTAPAGAKF	41	10
>ABL1-H396FYTAHAGAKF	8	>ABL1-H396FYTAPAGAKF	9	1
>ABL1-H396FYTAHAGAKF	242	>ABL1-H396FYTAPAGAKF	426	184
>ABL1-H396FYTAHAGAKF	1186	>ABL1-H396FYTAPAGAKF	350	836
>ABL1-H396FYTAHAGAKF	586	>ABL1-H396FYTAPAGAKF	266	320
>ABL1-H396FYTAHAGAKF	608	>ABL1-H396FYTAPAGAKF	211	397
>ABL1-H396FYTAHAGAKF	806	>ABL1-H396FYTAPAGAKF	463	343
>ABL1-H396FYTAHAGAKF	588	>ABL1-H396FYTAPAGAKF	296	292
>ABL1-H396FYTAHAGAKF	146	>ABL1-H396FYTAPAGAKF	93	53
>ABL1-H396FYTAHAGAKF	138	>ABL1-H396FYTAPAGAKF	35	103
>ABL1-H396FYTAHAGAKF	98	>ABL1-H396FYTAPAGAKF	38	60
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>ABL1-H396FYTAHAGAKF	19	>ABL1-H396FYTAPAGAKF	9	10
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>ABL1-H396FYTAHAGAKF	31	>ABL1-H396FYTAPAGAKF	17	14
>ABL1-H396FYTAHAGAKF	24	>ABL1-H396FYTAPAGAKF	14	10

>ABL1-H396FLMTGDTYTAI	43	>ABL1-H396FLMTGDTYTAI	56	13
>ABL1-H396FLMTGDTYTAI	77	>ABL1-H396FLMTGDTYTAI	47	30
>ABL1-H396FLMTGDTYTAI	4	>ABL1-H396FLMTGDTYTAI	4	0
>ABL1-H396FHAGAKFPIK	865	>ABL1-H396FHAGAKFPIK	288	577
>ABL1-H396FHAGAKFPIK	793	>ABL1-H396FHAGAKFPIK	108	685
>ABL1-H396FHAGAKFPIK	76	>ABL1-H396FHAGAKFPIK	23	53
>ABL1-H396FHAGAKFPIK	1366	>ABL1-H396FHAGAKFPIK	300	1066
>ABL1-H396FHAGAKFPI	459	>ABL1-H396FHAGAKFPI	10520	10061
>ABL1-H396FHAGAKFPI	381	>ABL1-H396FHAGAKFPI	4945	4564
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>ABL1-H396FHAGAKFPIKM	77	>ABL1-H396FHAGAKFPIKM	47	30
>ABL1-H396FHAGAKFPIKM	32	>ABL1-H396FHAGAKFPIKM	12	20
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>ABL1-H396FAHAGAKFPI	12039	>ABL1-H396FAHAGAKFPI	41	11998
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>ABL1-H396FAHAGAKFPI	79	>ABL1-H396FAHAGAKFPI	181	102
>ABL1-H396FAHAGAKFPIK	71	>ABL1-H396FAHAGAKFPIK	240	169
>ABL1-H396FLMTGDTYT/	337	>ABL1-H396FLMTGDTYT/	128	209
>ABL1-H396FLMTGDTYT/	1016	>ABL1-H396FLMTGDTYT/	12	1004
>ABL1-H396FLMTGDTYT/	497	>ABL1-H396FLMTGDTYT/	8536	8039
>ABL1-H396FLMTGDTYT/	389	>ABL1-H396FLMTGDTYT/	503	114
>ABL1-H396FLMTGDTYT/	21203	>ABL1-H396FLMTGDTYT/	77	21126
>ABL1-H396FTAHAGAKFPI	141	>ABL1-H396FTAHAGAKFPI	1564	1423
>ABL1-H396FTAHAGAKFPI	434	>ABL1-H396FTAHAGAKFPI	38	396
>ABL1-H396FTAHAGAKFPI	21	>ABL1-H396FTAHAGAKFPI	6	15
>ABL1-H396FTAHAGAKFPI	204	>ABL1-H396FTAHAGAKFPI	1261	1057
>ABL1-H396FTAHAGAKFPI	433	>ABL1-H396FTAHAGAKFPI	1532	1099
>ABL1-H396FTAHAGAKF	416	>ABL1-H396FTAHAGAKF	214	202
>ABL1-H396FTAHAGAKF	11	>ABL1-H396FTAHAGAKF	7	4
>ABL1-H396FTAHAGAKFPI	896	>ABL1-H396FTAHAGAKFPI	190	706
>ABL1-H396FTAHAGAKF	1241	>ABL1-H396FTAHAGAKF	474	767
>ABL1-H396FYTAHAGAKFF	184	>ABL1-H396FYTAHAGAKFF	380	196
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>ABL1-H396FYTAHAGAK	347	>ABL1-H396FYTAHAGAK	372	25
>ABL1-H396FYTAHAGAK	166	>ABL1-H396FYTAHAGAK	125	41
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>ABL1-H396FYTAHAGAKF	112	>ABL1-H396FYTAHAGAKF	197	85
>ABL1-H396FYTAHAGAKF	52	>ABL1-H396FYTAHAGAKF	34	18
>ABL1-H396FYTAHAGAKF	253	>ABL1-H396FYTAHAGAKF	876	623

>ABL1-H396FYTAHAGAK	789	>ABL1-H396FYTARAGAK	448	341
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>ABL1-H396FYTAHAGAKFF	13	>ABL1-H396FYTARAGAKFF	13	0
>ABL1-H396FYTAHAGAKF	72	>ABL1-H396FYTARAGAKF	106	34
>ABL1-H396FYTAHAGAKF	238	>ABL1-H396FYTARAGAKF	375	137
>ABL1-H396FYTAHAGAKF	41	>ABL1-H396FYTARAGAKF	45	4
>ABL1-H396FYTAHAGAKF	3	>ABL1-H396FYTARAGAKF	3	0
>ABL1-H396FYTAHAGAKFF	14	>ABL1-H396FYTARAGAKFF	34	20
>ABL1-H396FYTAHAGAKF	211	>ABL1-H396FYTARAGAKF	608	397
>ABL1-H396FYTAHAGAKF	567	>ABL1-H396FYTARAGAKF	210	357
>ABL1-H396FYTAHAGAKF	98	>ABL1-H396FYTARAGAKF	59	39
>ABL1-H396FYTAHAGAKF	24	>ABL1-H396FYTARAGAKF	23	1
>ABL1-H396FYTAHAGAKFF	60	>ABL1-H396FYTARAGAKFF	58	2
>ABL1-H396FYTAHAGAKF	8	>ABL1-H396FYTARAGAKF	8	0
>ABL1-H396FYTAHAGAKFF	437	>ABL1-H396FYTARAGAKFF	435	2
>ABL1-H396FYTAHAGAKF	214	>ABL1-H396FYTARAGAKF	76	138
>ABL1-H396FYTAHAGAKFF	30	>ABL1-H396FYTARAGAKFF	33	3
>ABL1-H396FYTAHAGAKF	59	>ABL1-H396FYTARAGAKF	129	70
>ABL1-H396FYTAHAGAKF	61	>ABL1-H396FYTARAGAKF	71	10
>ABL1-H396FYTAHAGAKF	9	>ABL1-H396FYTARAGAKF	10	1
>ABL1-H396FDYTAHAGAI	439	>ABL1-H396FDYTTARAGAI	381	58
>ABL1-H396FDYTAHAGAI	530	>ABL1-H396FDYTTARAGAI	372	158
>ABL1-H396FDYTAHAGAI	108	>ABL1-H396FDYTTARAGAI	125	17
>ABL1-H396FDYTAHAGAI	20	>ABL1-H396FDYTTARAGAI	30	10
>ABL1-H396FDYTAHAGAI	483	>ABL1-H396FDYTTARAGAI	544	61
>ABL1-H396FDYTAHAGAI	37	>ABL1-H396FDYTTARAGAI	38	1
>ABL1-H396FDYTAHAGAI	19	>ABL1-H396FDYTTARAGAI	13	6
>ABL1-H396FDYTAHAGAI	31	>ABL1-H396FDYTTARAGAI	88	57
>ABL1-H396FDYTAHAGAI	8	>ABL1-H396FDYTTARAGAI	16	8
>ABL1-H396FDYTAHAGAI	242	>ABL1-H396FDYTTARAGAI	358	116
>ABL1-H396FMGTGDTYTAH	3846	>ABL1-H396FMGTGDTYTAR	230	3616
>ABL1-H396FMGTGDTYTAH	1807	>ABL1-H396FMGTGDTYTAR	12	1795
>ABL1-H396FMGTGDTYTAH	17093	>ABL1-H396FMGTGDTYTAR	71	17022
>ABL1-H396FMGTGDTYTAH	2343	>ABL1-H396FMGTGDTYTAR	8	2335
>ABL1-H396FMGTGDTYTAH	146	>ABL1-H396FMGTGDTYTAR	199	53
>ABL1-H396FMGTGDTYTAH	138	>ABL1-H396FMGTGDTYTAR	220	82
>ABL1-H396FMGTGDTYTAH	30890	>ABL1-H396FMGTGDTYTAR	327	30563
>ABL1-H396FLMTGDTYTAI	98	>ABL1-H396FLMTGDTYTAI	107	9
>ABL1-H396FLMTGDTYTAI	20	>ABL1-H396FLMTGDTYTAI	23	3
>ABL1-H396FLMTGDTYTAI	19	>ABL1-H396FLMTGDTYTAI	24	5
>ABL1-H396FLMTGDTYTAI	69	>ABL1-H396FLMTGDTYTAI	355	286
>ABL1-H396FLMTGDTYTAI	31	>ABL1-H396FLMTGDTYTAI	22	9

>ABL1-H396F LMTGDTYTAI	24	>ABL1-H396F LMTGDTYTAI	74	50
>ABL1-H396F LMTGDTYTAI	43	>ABL1-H396F LMTGDTYTAI	133	90
>ABL1-H396F LMTGDTYTAI	77	>ABL1-H396F LMTGDTYTAI	50	27
>ABL1-H396F LMTGDTYTAI	4	>ABL1-H396F LMTGDTYTAI	4	0
>ABL1-H396F LMTGDTYTAI	10406	>ABL1-H396F LMTGDTYTAI	100	10306
>ABL1-H396F LMTGDTYTAI	13198	>ABL1-H396F LMTGDTYTAI	356	12842
>ABL1-H396F LMTGDTYTAI	18895	>ABL1-H396F LMTGDTYTAI	187	18708
>ABL1-H396F LMTGDTYTAI	30124	>ABL1-H396F LMTGDTYTAI	221	29903
>ABL1-I360S-IHRDLAARNC	1835	>ABL1-I360S-SHRDLAARNC	292	1543
>ABL1-I360S-FIHRDLAA	46	>ABL1-I360S-FSHRDLAA	3677	3631
>ABL1-I360S-FIHRDLAA	74	>ABL1-I360S-FSHRDLAA	1613	1539
>ABL1-I360S-FIHRDLAA	379	>ABL1-I360S-FSHRDLAA	11096	10717
>ABL1-I360S-FIHRDLAA	150	>ABL1-I360S-FSHRDLAA	19926	19776
>ABL1-I360S-FIHRDLAAR	435	>ABL1-I360S-FSHRDLAAR	232	203
>ABL1-I360S-FIHRDLAAR	66	>ABL1-I360S-FSHRDLAAR	74	8
>ABL1-I360S-AMEYLEKKNF	277	>ABL1-I360S-AMEYLEKKNF	10142	9865
>ABL1-I360S-NFIHRDLAAR	52	>ABL1-I360S-NFSHRDLAAF	51	1
>ABL1-I360S-NFIHRDLAAR	26	>ABL1-I360S-NFSHRDLAAF	35	9
>ABL1-I360S-NFIHRDLAAR	35	>ABL1-I360S-NFSHRDLAAF	55	20
>ABL1-I360S-NFIHRDLAAR	165	>ABL1-I360S-NFSHRDLAAF	225	60
>ABL1-I360S-KNFIHRDL	150	>ABL1-I360S-KNFSHRDL	209	59
>ABL1-I360S-KNFIHRDLAA	23	>ABL1-I360S-KNFSHRDLAA	18	5
>ABL1-I360S-KNFIHRDL	2188	>ABL1-I360S-KNFSHRDL	477	1711
>ABL1-I360S-KNFIHRDLAA	124	>ABL1-I360S-KNFSHRDLAA	121	3
>ABL1-I360S-KKNFIHRDL	232	>ABL1-I360S-KKNFSHRDL	27	205
>ABL1-I360S-KKNFIHRDLA	864	>ABL1-I360S-KKNFSHRDLA	278	586
>ABL1-I360S-EKKNFIHR	464	>ABL1-I360S-EKKNFSHR	567	103
>ABL1-I360S-EKKNFIHR	177	>ABL1-I360S-EKKNFSHR	160	17
>ABL1-I360S-EKKNFIHRDL	534	>ABL1-I360S-EKKNFSHRDL	242	292
>ABL1-I360S-EKKNFIHR	154	>ABL1-I360S-EKKNFSHR	509	355
>ABL1-I360S-LEKKNFIHR	387	>ABL1-I360S-LEKKNFSHR	360	27
>ABL1-I360S-LEKKNFIHRDI	238	>ABL1-I360S-LEKKNFSHRD	422	184
>ABL1-I360S-LEKKNFIHRDI	181	>ABL1-I360S-LEKKNFSHRD	265	84
>ABL1-I360S-LEKKNFIHRDI	290	>ABL1-I360S-LEKKNFSHRD	333	43
>ABL1-I360S-LEKKNFIHR	115	>ABL1-I360S-LEKKNFSHR	472	357
>ABL1-I360S-YLEKKNFI	313	>ABL1-I360S-YLEKKNFS	12316	12003
>ABL1-I360S-YLEKKNFI	23	>ABL1-I360S-YLEKKNFS	1581	1558
>ABL1-I360S-YLEKKNFI	306	>ABL1-I360S-YLEKKNFS	12188	11882
>ABL1-I360S-YLEKKNFI	57	>ABL1-I360S-YLEKKNFS	6391	6334
>ABL1-I360S-YLEKKNFI	24	>ABL1-I360S-YLEKKNFS	9290	9266
>ABL1-I360S-YLEKKNFI	146	>ABL1-I360S-YLEKKNFS	12350	12204
>ABL1-I360S-YLEKKNFI	19	>ABL1-I360S-YLEKKNFS	1997	1978
>ABL1-I360S-YLEKKNFIHR	398	>ABL1-I360S-YLEKKNFSHR	509	111



>ABL1-I360S-YLEKKNFIHR	68	>ABL1-I360S-YLEKKNFSHR	168	100
>ABL1-I360S-EYLEKKNFI	117	>ABL1-I360S-EYLEKKNFS	16483	16366
>ABL1-I360S-EYLEKKNFI	86	>ABL1-I360S-EYLEKKNFS	8180	8094
>ABL1-I360S-EYLEKKNFIHF	154	>ABL1-I360S-EYLEKKNFSHI	148	6
>ABL1-I360S-EYLEKKNFIHF	10	>ABL1-I360S-EYLEKKNFSHI	10	0
>ABL1-I360S-EYLEKKNFIHF	172	>ABL1-I360S-EYLEKKNFSHI	129	43
>ABL1-I360S-EYLEKKNFIHF	13	>ABL1-I360S-EYLEKKNFSHI	18	5
>ABL1-I360S-MEYLEKKNFI	4	>ABL1-I360S-MEYLEKKNFS	63	59
>ABL1-I360S-MEYLEKKNFI	548	>ABL1-I360S-MEYLEKKNFS	234	314
>ABL1-I360S-MEYLEKKNFI	277	>ABL1-I360S-MEYLEKKNFS	1915	1638
>ABL1-I360S-MEYLEKKNFI	483	>ABL1-I360S-MEYLEKKNFS	5896	5413
>ABL1-I360S-MEYLEKKNFI	28	>ABL1-I360S-MEYLEKKNFS	20243	20215
>ABL1-I418V-IKSDVWAFG\	193	>ABL1-I418V-VKSDVWAFG	167	26
>ABL1-I418V-IKSDVWAFG\	669	>ABL1-I418V-VKSDVWAFG	354	315
>ABL1-I418V-IKSDVWAFG\	492	>ABL1-I418V-VKSDVWAFG	360	132
>ABL1-I418V-IKSDVWAF	6	>ABL1-I418V-VKSDVWAF	9	3
>ABL1-I418V-IKSDVWAFG\	261	>ABL1-I418V-VKSDVWAFG	737	476
>ABL1-I418V-SIKSDVWAFG	182	>ABL1-I418V-SVKSDVWAFG	355	173
>ABL1-I418V-SIKSDVWAFG	167	>ABL1-I418V-SVKSDVWAFG	533	366
>ABL1-I418V-SIKSDVWA	350	>ABL1-I418V-SVKSDVWA	853	503
>ABL1-I418V-SIKSDVWAFG	13	>ABL1-I418V-SVKSDVWAFG	30	17
>ABL1-I418V-SIKSDVWAFG	23	>ABL1-I418V-SVKSDVWAFG	23	0
>ABL1-I418V-SIKSDVWAFG	25	>ABL1-I418V-SVKSDVWAFG	81	56
>ABL1-I418V-SIKSDVWAFG	68	>ABL1-I418V-SVKSDVWAFG	155	87
>ABL1-I418V-SIKSDVWAFG	52	>ABL1-I418V-SVKSDVWAFG	156	104
>ABL1-I418V-SIKSDVWAFG	312	>ABL1-I418V-SVKSDVWAFG	718	406
>ABL1-I418V-SIKSDVWAFG	4	>ABL1-I418V-SVKSDVWAFG	7	3
>ABL1-I418V-SIKSDVWAF	1516	>ABL1-I418V-SVKSDVWAF	361	1155
>ABL1-I418V-SIKSDVWAF	38	>ABL1-I418V-SVKSDVWAF	11	27
>ABL1-I418V-SIKSDVWAFG	688	>ABL1-I418V-SVKSDVWAFG	247	441
>ABL1-I418V-SIKSDVWAFG	444	>ABL1-I418V-SVKSDVWAFG	104	340
>ABL1-I418V-SIKSDVWAFG	93	>ABL1-I418V-SVKSDVWAFG	50	43
>ABL1-I418V-SIKSDVWAF	107	>ABL1-I418V-SVKSDVWAF	120	13
>ABL1-I418V-SIKSDVWAF	69	>ABL1-I418V-SVKSDVWAF	103	34
>ABL1-I418V-PESLAYNKFSI	43	>ABL1-I418V-PESLAYNKFSI	355	312
>ABL1-I418V-PESLAYNKFSI	249	>ABL1-I418V-PESLAYNKFSI	1193	944
>ABL1-I418V-FSIKSDVWAF	196	>ABL1-I418V-FSVKSDVWAF	458	262
>ABL1-I418V-FSIKSDVWAF	25	>ABL1-I418V-FSVKSDVWAF	50	25
>ABL1-I418V-FSIKSDVWAF	352	>ABL1-I418V-FSVKSDVWAF	648	296
>ABL1-I418V-FSIKSDVWA	485	>ABL1-I418V-FSVKSDVWA	976	491
>ABL1-I418V-FSIKSDVWAF	63	>ABL1-I418V-FSVKSDVWAF	113	50
>ABL1-I418V-FSIKSDVWAF	6	>ABL1-I418V-FSVKSDVWAF	7	1
>ABL1-I418V-FSIKSDVW	6	>ABL1-I418V-FSVKSDVW	5	1

>ABL1-I418V FSIKSDVWAF	6	>ABL1-I418V FSVKSDVWA	5	1
>ABL1-I418V FSIKSDVWAF	301	>ABL1-I418V FSVKSDVWA	321	20
>ABL1-I418V FSIKSDVW	208	>ABL1-I418V FSVKSDVW	230	22
>ABL1-I418V FSIKSDVW	76	>ABL1-I418V FSVKSDVW	92	16
>ABL1-I418V FSIKSDVW	10	>ABL1-I418V FSVKSDVW	10	0
>ABL1-I418V FSIKSDVWAF	35	>ABL1-I418V FSVKSDVWA	46	11
>ABL1-I418V FSIKSDVW	166	>ABL1-I418V FSVKSDVW	113	53
>ABL1-I418V FSIKSDVW	34	>ABL1-I418V FSVKSDVW	40	6
>ABL1-I418V FSIKSDVWAF	382	>ABL1-I418V FSVKSDVWA	530	148
>ABL1-I418V FSIKSDVW	179	>ABL1-I418V FSVKSDVW	88	91
>ABL1-I418V KFSIKSDVWA	304	>ABL1-I418V KFSVKSDVW/	219	85
>ABL1-I418V KFSIKSDVWA	346	>ABL1-I418V KFSVKSDVW/	340	6
>ABL1-I418V KFSIKSDVWA	16	>ABL1-I418V KFSVKSDVW/	16	0
>ABL1-I418V KFSIKSDVW	145	>ABL1-I418V KFSVKSDVW	82	63
>ABL1-I418V KFSIKSDV	401	>ABL1-I418V KFSVKSDV	467	66
>ABL1-I418V KFSIKSDVWA	183	>ABL1-I418V KFSVKSDVW/	200	17
>ABL1-I418V NKFSIKSDV	159	>ABL1-I418V NKFSVKSDV	151	8
>ABL1-I418V NKFSIKSDVW	443	>ABL1-I418V NKFSVKSDVV	379	64
>ABL1-I418V AYNKFSIKSD\	431	>ABL1-I418V AYNKFSVKSD	313	118
>ABL1-I418V AYNKFSIK	226	>ABL1-I418V AYNKFSVK	244	18
>ABL1-I418V AYNKFSIK	24	>ABL1-I418V AYNKFSVK	30	6
>ABL1-I418V AYNKFSIK	232	>ABL1-I418V AYNKFSVK	180	52
>ABL1-I418V LAYNKFSI	1792	>ABL1-I418V LAYNKFSV	466	1326
>ABL1-I418V LAYNKFSI	703	>ABL1-I418V LAYNKFSV	109	594
>ABL1-I418V LAYNKFSI	147	>ABL1-I418V LAYNKFSV	23	124
>ABL1-I418V LAYNKFSI	298	>ABL1-I418V LAYNKFSV	20	278
>ABL1-I418V LAYNKFSI	5960	>ABL1-I418V LAYNKFSV	219	5741
>ABL1-I418V LAYNKFSI	2217	>ABL1-I418V LAYNKFSV	12	2205
>ABL1-I418V LAYNKFSIK	62	>ABL1-I418V LAYNKFSVK	58	4
>ABL1-I418V LAYNKFSIK	56	>ABL1-I418V LAYNKFSVK	55	1
>ABL1-I418V LAYNKFSIK	267	>ABL1-I418V LAYNKFSVK	228	39
>ABL1-I418V LAYNKFSIK	107	>ABL1-I418V LAYNKFSVK	109	2
>ABL1-I418V LAYNKFSI	1421	>ABL1-I418V LAYNKFSV	301	1120
>ABL1-I418V LAYNKFSI	1191	>ABL1-I418V LAYNKFSV	172	1019
>ABL1-I418V LAYNKFSI	435	>ABL1-I418V LAYNKFSV	607	172
>ABL1-I418V LAYNKFSI	363	>ABL1-I418V LAYNKFSV	499	136
>ABL1-I418V LAYNKFSI	229	>ABL1-I418V LAYNKFSV	1437	1208
>ABL1-I418V LAYNKFSI	375	>ABL1-I418V LAYNKFSV	863	488
>ABL1-I418V LAYNKFSI	357	>ABL1-I418V LAYNKFSV	3325	2968
>ABL1-I418V LAYNKFSI	1539	>ABL1-I418V LAYNKFSV	235	1304
>ABL1-I418V LAYNKFSI	21	>ABL1-I418V LAYNKFSV	792	771
>ABL1-I418V SLAYNKFSI	71	>ABL1-I418V SLAYNKFSV	18	53
>ABL1-I418V SLAYNKFSI	20	>ABL1-I418V SLAYNKFSV	6	14

>ABL1-I418V SLAYNKFSI	89	>ABL1-I418V SLAYNKFSV	17	72
>ABL1-I418V SLAYNKFSI	382	>ABL1-I418V SLAYNKFSV	32	350
>ABL1-I418V SLAYNKFSI	25	>ABL1-I418V SLAYNKFSV	4	21
>ABL1-I418V SLAYNKFSI	21	>ABL1-I418V SLAYNKFSV	7	14
>ABL1-I418V SLAYNKFSI	27	>ABL1-I418V SLAYNKFSV	7	20
>ABL1-I418V SLAYNKFSI	135	>ABL1-I418V SLAYNKFSV	8	127
>ABL1-I418V SLAYNKFSI	9	>ABL1-I418V SLAYNKFSV	2	7
>ABL1-I418V SLAYNKFSIK	17	>ABL1-I418V SLAYNKFSVK	18	1
>ABL1-I418V SLAYNKFSIK	41	>ABL1-I418V SLAYNKFSVK	45	4
>ABL1-I418V SLAYNKFSI	134	>ABL1-I418V SLAYNKFSV	1597	1463
>ABL1-I418V SLAYNKFSI	196	>ABL1-I418V SLAYNKFSV	49	147
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>ABL1-I418V ESLAYNKFSIK	320	>ABL1-I418V ESLAYNKFSVI	288	32
>ABL1-I418V ESLAYNKFSIK	57	>ABL1-I418V ESLAYNKFSVI	60	3
>ABL1-I418V ESLAYNKFSI	156	>ABL1-I418V ESLAYNKFSV	54	102
>ABL1-I418V ESLAYNKFSI	33	>ABL1-I418V ESLAYNKFSV	9	24
>ABL1-I418V ESLAYNKFSI	281	>ABL1-I418V ESLAYNKFSV	13317	13036
>ABL1-L248V LGGGQYGEV	272	>ABL1-L248V VGGGQYGEV	767	495
>ABL1-L248V KLGGGQYGE'	212	>ABL1-L248V KVGGGQYGE	4530	4318
>ABL1-L248V KLGGGQYGE'	90	>ABL1-L248V KVGGGQYGE	1638	1548
>ABL1-L248V KLGGGQYGE'	56	>ABL1-L248V KVGGGQYGE	457	401
>ABL1-L248V KLGGGQYGE'	3	>ABL1-L248V KVGGGQYGE	63	60
>ABL1-L248V KLGGGQYGE'	16	>ABL1-L248V KVGGGQYGE	756	740
>ABL1-L248V KLGGGQYGE'	7	>ABL1-L248V KVGGGQYGE	122	115
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>ABL1-L248V KLGGGQYGE'	2	>ABL1-L248V KVGGGQYGE	20	18
>ABL1-L248V KLGGGQYGE'	128	>ABL1-L248V KVGGGQYGE	100	28
>ABL1-L248V KLGGGQYGE'	64	>ABL1-L248V KVGGGQYGE	66	2
>ABL1-L248V KLGGGQYGE'	37	>ABL1-L248V KVGGGQYGE	35	2
>ABL1-L248V KLGGGQYGE'	87	>ABL1-L248V KVGGGQYGE	150	63
>ABL1-L248V KLGGGQYGE'	354	>ABL1-L248V KVGGGQYGE	2054	1700
>ABL1-L248V KLGGGQYGE'	1690	>ABL1-L248V KVGGGQYGE	325	1365
>ABL1-L248V KLGGGQYGE'	385	>ABL1-L248V KVGGGQYGE	716	331
>ABL1-L248V ERTDITMKHK	2151	>ABL1-L248V ERTDITMKHK	292	1859
>ABL1-L248V HKLGGGQY	132	>ABL1-L248V HKVGGGQY	212	80
>ABL1-L248V HKLGGGQY	100	>ABL1-L248V HKVGGGQY	140	40
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>ABL1-L248V MKHKLGGGC	221	>ABL1-L248V MKHKVGGGC	128	93
>ABL1-L248V MKHKLGGGC	694	>ABL1-L248V MKHKVGGGC	468	226
>ABL1-L248V MKHKLGGGC	35	>ABL1-L248V MKHKVGGGC	28	7
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>ABL1-L248V TMKHKLGGG	76	>ABL1-L248V TMKHKVGGC	97	21
>ABL1-L248V TMKHKLGGG	32	>ABL1-L248V TMKHKVGGC	36	4

>ABL1-L248V TMKHKLG	69	>ABL1-L248V TMKHKVGGC	55	14
>ABL1-L248V TMKHKLG	77	>ABL1-L248V TMKHKVGGC	65	12
>ABL1-L248V DITMKHKL	5195	>ABL1-L248V DITMKHKV	280	4915
>ABL1-L248V TDITMKHKL	711	>ABL1-L248V TDITMKHKV	133	578
>ABL1-L248V RTDITMKHKL	3198	>ABL1-L248V RTDITMKHKV	237	2961
>ABL1-L248V RTDITMKHKL	4278	>ABL1-L248V RTDITMKHKV	492	3786
>ABL1-L248V RTDITMKHKL	6	>ABL1-L248V RTDITMKHKV	61	55
>ABL1-L248V RTDITMKHKL	453	>ABL1-L248V RTDITMKHKV	2108	1655
>ABL1-L248V RTDITMKHKL	396	>ABL1-L248V RTDITMKHKV	744	348
>ABL1-L273N LKEDTMEVEE	49	>ABL1-L273N MKEDTMEVE	24	25
>ABL1-L273N TLKEDTMEV	75	>ABL1-L273N TMKEDTMEV	72	3
>ABL1-L273N TLKEDTMEV	20	>ABL1-L273N TMKEDTMEV	23	3
>ABL1-L273N TLKEDTMEV	3	>ABL1-L273N TMKEDTMEV	3	0
>ABL1-L273N TLKEDTMEV	141	>ABL1-L273N TMKEDTMEV	79	62
>ABL1-L273N TLKEDTMEV	16	>ABL1-L273N TMKEDTMEV	10	6
>ABL1-L273N TLKEDTMEV	9	>ABL1-L273N TMKEDTMEV	8	1
>ABL1-L273N TLKEDTMEV	24	>ABL1-L273N TMKEDTMEV	25	1
>ABL1-L273N TLKEDTMEV	30	>ABL1-L273N TMKEDTMEV	23	7
>ABL1-L273N TLKEDTMEV	2	>ABL1-L273N TMKEDTMEV	2	0
>ABL1-L273N TLKEDTMEV	362	>ABL1-L273N TMKEDTMEV	606	244
>ABL1-L273N TLKEDTMEV	313	>ABL1-L273N TMKEDTMEV	281	32
>ABL1-L273N KYSLTVAVKTI	18	>ABL1-L273N KYSLTVAVKTI	64	46
>ABL1-L273N KYSLTVAVKTI	126	>ABL1-L273N KYSLTVAVKTI	413	287
>ABL1-L273N KYSLTVAVKTI	14	>ABL1-L273N KYSLTVAVKTI	99	85
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>ABL1-L273N KTLKEDTMEV	176	>ABL1-L273N KTMKEDTME	63	113
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>ABL1-L273N KTLKEDTMEV	135	>ABL1-L273N KTMKEDTME	36	99
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>ABL1-L273N KTLKEDTMEV	98	>ABL1-L273N KTMKEDTME	212	114
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>ABL1-L273N KTLKEDTMEV	331	>ABL1-L273N KTMKEDTME	322	9
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>ABL1-L273N KTLKEDTM	168	>ABL1-L273N KTMKEDTM	80	88
>ABL1-L273N KTLKEDTMEV	342	>ABL1-L273N KTMKEDTME	167	175
>ABL1-L273N KTLKEDTMEV	339	>ABL1-L273N KTMKEDTME	347	8
>ABL1-L273N KTLKEDTM	13	>ABL1-L273N KTMKEDTM	12	1
>ABL1-L273N KTLKEDTMEV	314	>ABL1-L273N KTMKEDTME	235	79
>ABL1-L273N KTLKEDTM	289	>ABL1-L273N KTMKEDTM	191	98
>ABL1-L273N KTLKEDTM	133	>ABL1-L273N KTMKEDTM	51	82
>ABL1-L273N VAVKTLKEDT	545	>ABL1-L273N VAVKTMKED	496	49
>ABL1-L273N VAVKTLKEDT	124	>ABL1-L273N VAVKTMKED	60	64

>ABL1-L273N VAVKTLKEDT	483	>ABL1-L273N VAVKTMKED	438	45
>ABL1-L273N VAVKTLKEDT	526	>ABL1-L273N VAVKTMKED	385	141
>ABL1-L273N TVAVKTLK	108	>ABL1-L273N TVAVKTMK	163	55
>ABL1-L273N TVAVKTLK	26	>ABL1-L273N TVAVKTMK	30	4
>ABL1-L273N TVAVKTLK	14	>ABL1-L273N TVAVKTMK	13	1
>ABL1-L273N LTVAVKTLK	129	>ABL1-L273N LTVAVKTMK	260	131
>ABL1-L273N LTVAVKTLK	30	>ABL1-L273N LTVAVKTMK	51	21
>ABL1-L273N LTVAVKTL	1679	>ABL1-L273N LTVAVKTM	178	1501
>ABL1-L273N LTVAVKTLK	140	>ABL1-L273N LTVAVKTMK	370	230
>ABL1-L273N LTVAVKTLK	9	>ABL1-L273N LTVAVKTMK	12	3
>ABL1-L273N LTVAVKTL	14	>ABL1-L273N LTVAVKTM	10	4
>ABL1-L273N LTVAVKTL	862	>ABL1-L273N LTVAVKTM	250	612
>ABL1-L273N LTVAVKTL	403	>ABL1-L273N LTVAVKTM	95	308
>ABL1-L273N SLTVAVKTL	374	>ABL1-L273N SLTVAVKTM	2513	2139
>ABL1-L273N SLTVAVKTL	121	>ABL1-L273N SLTVAVKTM	1010	889
>ABL1-L273N SLTVAVKTL	232	>ABL1-L273N SLTVAVKTM	2483	2251
>ABL1-L273N SLTVAVKTL	33	>ABL1-L273N SLTVAVKTM	567	534
>ABL1-L273N SLTVAVKTL	7	>ABL1-L273N SLTVAVKTM	195	188
>ABL1-L273N SLTVAVKTLK	78	>ABL1-L273N SLTVAVKTMK	77	1
>ABL1-L273N SLTVAVKTLK	42	>ABL1-L273N SLTVAVKTMK	42	0
>ABL1-L273N SLTVAVKTLK	336	>ABL1-L273N SLTVAVKTMK	528	192
>ABL1-L273N YSLTVAVKTLK	192	>ABL1-L273N YSLTVAVKTM	377	185
>ABL1-L273N YSLTVAVKTLK	30	>ABL1-L273N YSLTVAVKTM	46	16
>ABL1-L273N YSLTVAVKTLK	24	>ABL1-L273N YSLTVAVKTM	31	7
>ABL1-L273N YSLTVAVKTL	97	>ABL1-L273N YSLTVAVKTM	52	45
>ABL1-L273N YSLTVAVKTL	8	>ABL1-L273N YSLTVAVKTM	6	2
>ABL1-L273N YSLTVAVKTL	289	>ABL1-L273N YSLTVAVKTM	1509	1220
>ABL1-L273N YSLTVAVKTL	1440	>ABL1-L273N YSLTVAVKTM	389	1051
>ABL1-L273N YSLTVAVKTL	1152	>ABL1-L273N YSLTVAVKTM	74	1078
>ABL1-L273N YSLTVAVKTLK	527	>ABL1-L273N YSLTVAVKTM	459	68
>ABL1-L298V LVQLLGVCTR	61	>ABL1-L298V VVQLLGVCTF	88	27
>ABL1-L298V LVQLLGVCTR	318	>ABL1-L298V VVQLLGVCTF	847	529
>ABL1-L298V NLVQLLGV	191	>ABL1-L298V NVVQLLGV	2630	2439
>ABL1-L298V NLVQLLGV	58	>ABL1-L298V NVVQLLGV	848	790
>ABL1-L298V NLVQLLGV	15	>ABL1-L298V NVVQLLGV	122	107
>ABL1-L298V NLVQLLGV	22	>ABL1-L298V NVVQLLGV	23	1
>ABL1-L298V NLVQLLGV	8	>ABL1-L298V NVVQLLGV	706	698
>ABL1-L298V NLVQLLGV	20	>ABL1-L298V NVVQLLGV	2026	2006
>ABL1-L298V NLVQLLGV	27	>ABL1-L298V NVVQLLGV	1688	1661
>ABL1-L298V NLVQLLGV	54	>ABL1-L298V NVVQLLGV	2800	2746
>ABL1-L298V NLVQLLGV	4	>ABL1-L298V NVVQLLGV	350	346
>ABL1-L298V NLVQLLGVCT	392	>ABL1-L298V NVVQLLGVCT	351	41
>ABL1-L298V NLVQLLGVCT	165	>ABL1-L298V NVVQLLGVCT	35	130

>ABL1-L298V NLVQLLGV	735	>ABL1-L298V NVVQLLGV	32	703
>ABL1-L298V NLVQLLGV	82	>ABL1-L298V NVVQLLGV	16	66
>ABL1-L298V NLVQLLGVCT	204	>ABL1-L298V NVVQLLGVCT	354	150
>ABL1-L298V AVMKEIKHPN	1561	>ABL1-L298V AVMKEIKHPN	354	1207
>ABL1-L298V AVMKEIKHPN	561	>ABL1-L298V AVMKEIKHPN	415	146
>ABL1-L298V AVMKEIKHPN	1230	>ABL1-L298V AVMKEIKHPN	75	1155
>ABL1-L298V AVMKEIKHPN	524	>ABL1-L298V AVMKEIKHPN	68	456
>ABL1-L298V AVMKEIKHPN	2220	>ABL1-L298V AVMKEIKHPN	140	2080
>ABL1-L298V AVMKEIKHPN	3924	>ABL1-L298V AVMKEIKHPN	179	3745
>ABL1-L298V AVMKEIKHPN	3241	>ABL1-L298V AVMKEIKHPN	239	3002
>ABL1-L298V AVMKEIKHPN	538	>ABL1-L298V AVMKEIKHPN	22	516
>ABL1-L298V AVMKEIKHPN	324	>ABL1-L298V AVMKEIKHPN	2846	2522
>ABL1-L298V AVMKEIKHPN	3091	>ABL1-L298V AVMKEIKHPN	350	2741
>ABL1-L298V HPNLVQLL	200	>ABL1-L298V HPNVVQLL	1168	968
>ABL1-L298V HPNLVQLL	286	>ABL1-L298V HPNVVQLL	310	24
>ABL1-L298V HPNLVQLL	492	>ABL1-L298V HPNVVQLL	488	4
>ABL1-L298V HPNLVQLL	319	>ABL1-L298V HPNVVQLL	232	87
>ABL1-L298V HPNLVQLL	298	>ABL1-L298V HPNVVQLL	242	56
>ABL1-L298V HPNLVQLLGV	29	>ABL1-L298V HPNVVQLLGV	35	6
>ABL1-L298V HPNLVQLL	610	>ABL1-L298V HPNVVQLL	340	270
>ABL1-L298V IKHPNLVQ	521	>ABL1-L298V IKHPNVVQ	245	276
>ABL1-L298V IKHPNLVQ	29	>ABL1-L298V IKHPNVVQ	13	16
>ABL1-L298V IKHPNLVQLL	29	>ABL1-L298V IKHPNVVQLL	19	10
>ABL1-L298V EIKHPNLV	73	>ABL1-L298V EIKHPNVV	135	62
>ABL1-L298V EIKHPNLVQ	912	>ABL1-L298V EIKHPNVVQ	339	573
>ABL1-L298V EIKHPNLV	354	>ABL1-L298V EIKHPNVV	929	575
>ABL1-L298V KEIKHPNL	40	>ABL1-L298V KEIKHPNV	466	426
>ABL1-L298V KEIKHPNLVQ	50	>ABL1-L298V KEIKHPNVQ	65	15
>ABL1-L298V KEIKHPNL	53	>ABL1-L298V KEIKHPNV	139	86
>ABL1-L298V KEIKHPNLV	369	>ABL1-L298V KEIKHPNVV	153	216
>ABL1-L298V KEIKHPNLVQ	53	>ABL1-L298V KEIKHPNVQ	50	3
>ABL1-L298V KEIKHPNL	2803	>ABL1-L298V KEIKHPNV	233	2570
>ABL1-L298V KEIKHPNLV	1032	>ABL1-L298V KEIKHPNVV	305	727
>ABL1-L298V KEIKHPNLV	5	>ABL1-L298V KEIKHPNVV	9	4
>ABL1-L298V KEIKHPNLVQ	5	>ABL1-L298V KEIKHPNVQ	6	1
>ABL1-L298V VMKEIKHPNI	199	>ABL1-L298V VMKEIKHPNI	683	484
>ABL1-L298V VMKEIKHPNI	22	>ABL1-L298V VMKEIKHPNI	109	87
>ABL1-L298V VMKEIKHPNI	999	>ABL1-L298V VMKEIKHPNI	191	808
>ABL1-L298V VMKEIKHPNI	4	>ABL1-L298V VMKEIKHPNI	6	2
>ABL1-L298V VMKEIKHPNI	374	>ABL1-L298V VMKEIKHPNI	975	601
>ABL1-L298V VMKEIKHPNI	44	>ABL1-L298V VMKEIKHPNI	6	38
>ABL1-L298V VMKEIKHPNI	7	>ABL1-L298V VMKEIKHPNI	8	1
>ABL1-L298V VMKEIKHPNI	243	>ABL1-L298V VMKEIKHPNI	37	206

>ABL1-L298V VMKEIKHPN\	22	>ABL1-L298V VMKEIKHPN\	17	5
>ABL1-L298V VMKEIKHPN\	306	>ABL1-L298V VMKEIKHPN\	20	286
>ABL1-L298V VMKEIKHPN\	61	>ABL1-L298V VMKEIKHPN\	85	24
>ABL1-L298V VMKEIKHPN\	593	>ABL1-L298V VMKEIKHPN\	42	551
>ABL1-L298V VMKEIKHPN\	136	>ABL1-L298V VMKEIKHPN\	109	27
>ABL1-L298V VMKEIKHPN\	6	>ABL1-L298V VMKEIKHPN\	2	4
>ABL1-L298V VMKEIKHPN\	4	>ABL1-L298V VMKEIKHPN\	5	1
>ABL1-L364I- LAARNCLV	55	>ABL1-L364I- IAARNCLV	106	51
>ABL1-L364I- LAARNCLV	387	>ABL1-L364I- IAARNCLV	591	204
>ABL1-L364I- DLAARNCLV	198	>ABL1-L364I- DIAARNCLV	2168	1970
>ABL1-L364I- DLAARNCLV	142	>ABL1-L364I- DIAARNCLV	3437	3295
>ABL1-L364I- DLAARNCLV	33	>ABL1-L364I- DIAARNCLV	1122	1089
>ABL1-L364I- DLAARNCLV	85	>ABL1-L364I- DIAARNCLV	2434	2349
>ABL1-L364I- DLAARNCL	404	>ABL1-L364I- DIAARNCL	10856	10452
>ABL1-L364I- DLAARNCLV	12	>ABL1-L364I- DIAARNCLV	130	118
>ABL1-L364I- DLAARNCL	1767	>ABL1-L364I- DIAARNCL	373	1394
>ABL1-L364I- DLAARNCLV	200	>ABL1-L364I- DIAARNCLV	47	153
>ABL1-L364I- DLAARNCLV	355	>ABL1-L364I- DIAARNCLV	103	252
>ABL1-L364I- DLAARNCL	447	>ABL1-L364I- DIAARNCL	1010	563
>ABL1-L364I- LEKKNFIHRDI	1152	>ABL1-L364I- LEKKNFIHRDI	62	1090
>ABL1-L364I- LEKKNFIHRDI	238	>ABL1-L364I- LEKKNFIHRDI	720	482
>ABL1-L364I- LEKKNFIHRDI	181	>ABL1-L364I- LEKKNFIHRDI	403	222
>ABL1-L364I- LEKKNFIHRDI	290	>ABL1-L364I- LEKKNFIHRDI	69	221
>ABL1-L364I- RDLAARNCL	182	>ABL1-L364I- RDIAARNCL	169	13
>ABL1-L364I- RDLAARNCL	760	>ABL1-L364I- RDIAARNCL	414	346
>ABL1-L364I- RDLAARNCLV	89	>ABL1-L364I- RDIAARNCLV	111	22
>ABL1-L364I- HRDLAARNCI	52	>ABL1-L364I- HRDIAARNCL	70	18
>ABL1-L364I- HRDLAARNCI	42	>ABL1-L364I- HRDIAARNCL	59	17
>ABL1-L364I- FIHRDLAA	46	>ABL1-L364I- FIHRDIAA	64	18
>ABL1-L364I- FIHRDLAA	74	>ABL1-L364I- FIHRDIAA	85	11
>ABL1-L364I- FIHRDLAA	379	>ABL1-L364I- FIHRDIAA	182	197
>ABL1-L364I- FIHRDLAA	150	>ABL1-L364I- FIHRDIAA	99	51
>ABL1-L364I- FIHRDLAAR	435	>ABL1-L364I- FIHRDIAAR	340	95
>ABL1-L364I- FIHRDLAAR	657	>ABL1-L364I- FIHRDIAAR	468	189
>ABL1-L364I- FIHRDLAAR	66	>ABL1-L364I- FIHRDIAAR	38	28
>ABL1-L364I- NFIHRDLAAR	52	>ABL1-L364I- NFIHRDIAAR	91	39
>ABL1-L364I- NFIHRDLAAR	26	>ABL1-L364I- NFIHRDIAAR	40	14
>ABL1-L364I- NFIHRDLAAR	35	>ABL1-L364I- NFIHRDIAAR	62	27
>ABL1-L364I- NFIHRDLAAR	165	>ABL1-L364I- NFIHRDIAAR	109	56
>ABL1-L364I- KNFIHRDL	150	>ABL1-L364I- KNFIHRDI	1464	1314
>ABL1-L364I- KNFIHRDLAA	23	>ABL1-L364I- KNFIHRDIAAI	26	3
>ABL1-L364I- KNFIHRDLAA	124	>ABL1-L364I- KNFIHRDIAAI	102	22
>ABL1-L364I- KNFIHRDL	4315	>ABL1-L364I- KNFIHRDI	347	3968

>ABL1-L364I- KKNFIHRDL	232	>ABL1-L364I- KKNFIHRDI	466	234
>ABL1-L370R LVGENHLV	173	>ABL1-L370R RVGENHLV	624	451
>ABL1-L370R LVGENHLV	361	>ABL1-L370R RVGENHLV	483	122
>ABL1-L370R LVGENHLVK\	318	>ABL1-L370R RVGENHLVK\	426	108
>ABL1-L370R LVGENHLV	140	>ABL1-L370R RVGENHLV	144	4
>ABL1-L370R LVGENHLVK\	494	>ABL1-L370R RVGENHLVK\	1050	556
>ABL1-L370R LVGENHLV	21	>ABL1-L370R RVGENHLV	23	2
>ABL1-L370R LVGENHLVK\	17	>ABL1-L370R RVGENHLVK\	18	1
>ABL1-L370R LVGENHLV	93	>ABL1-L370R RVGENHLV	110	17
>ABL1-L370R LVGENHLVK\	125	>ABL1-L370R RVGENHLVK\	134	9
>ABL1-L370R LVGENHLV	128	>ABL1-L370R RVGENHLV	130	2
>ABL1-L370R LVGENHLVK\	187	>ABL1-L370R RVGENHLVK\	181	6
>ABL1-L370R LVGENHLV	120	>ABL1-L370R RVGENHLV	334	214
>ABL1-L370R LVGENHLVK\	245	>ABL1-L370R RVGENHLVK\	738	493
>ABL1-L370R LVGENHLV	5	>ABL1-L370R RVGENHLV	14	9
>ABL1-L370R LVGENHLVK\	5	>ABL1-L370R RVGENHLVK\	20	15
>ABL1-L370R LVGENHLVK	517	>ABL1-L370R RVGENHLVK	101	416
>ABL1-L370R LVGENHLVK	127	>ABL1-L370R RVGENHLVK	46	81
>ABL1-L370R LVGENHLVK	290	>ABL1-L370R RVGENHLVK	11	279
>ABL1-L370R LVGENHLV	87	>ABL1-L370R RVGENHLV	282	195
>ABL1-L370R LVGENHLVK\	236	>ABL1-L370R RVGENHLVK\	605	369
>ABL1-L370R CLVGENHLV	111	>ABL1-L370R CRVGENHLV	19241	19130
>ABL1-L370R CLVGENHLVK	147	>ABL1-L370R CRVGENHLV†	20908	20761
>ABL1-L370R CLVGENHL	64	>ABL1-L370R CRVGENHL	16479	16415
>ABL1-L370R CLVGENHLV	10	>ABL1-L370R CRVGENHLV	7586	7576
>ABL1-L370R CLVGENHLVK	23	>ABL1-L370R CRVGENHLV†	10907	10884
>ABL1-L370R CLVGENHLV	58	>ABL1-L370R CRVGENHLV	16038	15980
>ABL1-L370R CLVGENHLVK	41	>ABL1-L370R CRVGENHLV†	14125	14084
>ABL1-L370R CLVGENHLV	245	>ABL1-L370R CRVGENHLV	8138	7893
>ABL1-L370R CLVGENHLVK	147	>ABL1-L370R CRVGENHLV†	11040	10893
>ABL1-L370R CLVGENHLV	17	>ABL1-L370R CRVGENHLV	17829	17812
>ABL1-L370R CLVGENHLVK	12	>ABL1-L370R CRVGENHLV†	18053	18041
>ABL1-L370R CLVGENHLV	41	>ABL1-L370R CRVGENHLV	18855	18814
>ABL1-L370R CLVGENHLVK	43	>ABL1-L370R CRVGENHLV†	20558	20515
>ABL1-L370R CLVGENHLV	55	>ABL1-L370R CRVGENHLV	21271	21216
>ABL1-L370R CLVGENHLVK	67	>ABL1-L370R CRVGENHLV†	21871	21804
>ABL1-L370R CLVGENHLV	20	>ABL1-L370R CRVGENHLV	19906	19886
>ABL1-L370R CLVGENHLVK	31	>ABL1-L370R CRVGENHLV†	22017	21986
>ABL1-L370R CLVGENHL	29	>ABL1-L370R CRVGENHL	29023	28994
>ABL1-L370R CLVGENHLV	3	>ABL1-L370R CRVGENHLV	10515	10512
>ABL1-L370R CLVGENHLVK	3	>ABL1-L370R CRVGENHLV†	12675	12672
>ABL1-L370R CLVGENHLVK	136	>ABL1-L370R CRVGENHLV†	8363	8227
>ABL1-L370R CLVGENHLVK	365	>ABL1-L370R CRVGENHLV†	10005	9640



>ABL1-L370RCLVGENHLVK	23621	>ABL1-L370RCRVGENHLV	77	23544
>ABL1-L370RCLVGENHL	18247	>ABL1-L370RCRVGENHL	409	17838
>ABL1-L370RNCLVGENHL\	6723	>ABL1-L370NCRVGENHL'	166	6557
>ABL1-L370RNCLVGENHL\	489	>ABL1-L370NCRVGENHL'	9444	8955
>ABL1-L370RARNCLVGENI	294	>ABL1-L370RARNCRVGEN	431	137
>ABL1-L370RARNCLVGENI	159	>ABL1-L370RARNCRVGEN	161	2
>ABL1-L370RLAARNCLV	55	>ABL1-L370RLAARNCRV	61	6
>ABL1-L370RLAARNCLV	387	>ABL1-L370RLAARNCRV	610	223
>ABL1-L370RDLAARNCLV	198	>ABL1-L370RDLAARNCRV	609	411
>ABL1-L370RDLAARNCLV	142	>ABL1-L370RDLAARNCRV	79	63
>ABL1-L370RDLAARNCLV	33	>ABL1-L370RDLAARNCRV	41	8
>ABL1-L370RDLAARNCLV	85	>ABL1-L370RDLAARNCRV	50	35
>ABL1-L370RDLAARNCL	404	>ABL1-L370RDLAARNCR	28533	28129
>ABL1-L370RDLAARNCLV	12	>ABL1-L370RDLAARNCRV	7	5
>ABL1-L370RDLAARNCL	12342	>ABL1-L370RDLAARNCR	42	12300
>ABL1-L370RDLAARNCL	21127	>ABL1-L370RDLAARNCR	31	21096
>ABL1-L370RDLAARNCLV	200	>ABL1-L370RDLAARNCRV	252	52
>ABL1-L370RDLAARNCLV	355	>ABL1-L370RDLAARNCRV	475	120
>ABL1-L370RDLAARNCL	447	>ABL1-L370RDLAARNCR	16269	15822
>ABL1-L370RDLAARNCL	182	>ABL1-L370RDLAARNCR	8976	8794
>ABL1-L370RDLAARNCLV	89	>ABL1-L370RDLAARNCRV	226	137
>ABL1-L370RDLAARNCL	52	>ABL1-L370RDLAARNCR	131	79
>ABL1-L370RDLAARNCL	42	>ABL1-L370RDLAARNCR	10388	10346
>ABL1-L384NLSRLMTGDTY	908	>ABL1-L384NMSRLMTGDT	117	791
>ABL1-L384NLSRLMTGDTY	1798	>ABL1-L384NMSRLMTGDT	280	1518
>ABL1-L384NLSRLMTGDTY	183	>ABL1-L384NMSRLMTGDT	136	47
>ABL1-L384NLSRLMTGDTY	127	>ABL1-L384NMSRLMTGDT	143	16
>ABL1-L384NLSRLMTGDTY	436	>ABL1-L384NMSRLMTGDT	246	190
>ABL1-L384NLSRLMTGDTY	6	>ABL1-L384NMSRLMTGDT	4	2
>ABL1-L384NLSRLMTGDTY	47	>ABL1-L384NMSRLMTGDT	67	20
>ABL1-L384NLSRLMTGDTY	1239	>ABL1-L384NMSRLMTGDT	499	740
>ABL1-L384NLSRLMTGD`	456	>ABL1-L384NGMSRLMTGE	421	35
>ABL1-L384NLSRLMTGD`	266	>ABL1-L384NGMSRLMTGE	64	202
>ABL1-L384NLSRLMTGD`	217	>ABL1-L384NGMSRLMTGE	58	159
>ABL1-L384NLSRLMTGD`	181	>ABL1-L384NGMSRLMTGE	83	98
>ABL1-L384NLSRLMTGD`	605	>ABL1-L384NGMSRLMTGE	413	192
>ABL1-L384NLSRLMTGD`	1592	>ABL1-L384NGMSRLMTGE	198	1394
>ABL1-L384NLSRLMTGD`	82	>ABL1-L384NGMSRLMTGE	134	52
>ABL1-L384NHLVKVADF(	224	>ABL1-L384NHLVKVADF(	1416	1192
>ABL1-L384NFGLSRLMTG	1011	>ABL1-L384NFGMSRLMTG	278	733
>ABL1-L384NADFGLSRL	111	>ABL1-L384NADFGMSRL	90	21
>ABL1-L384NADFGLSRLM	106	>ABL1-L384NADFGMSRLM	90	16
>ABL1-L384NADFGLSRLM	156	>ABL1-L384NADFGMSRLM	194	38

>ABL1-L384N VADFGLSRL	120	>ABL1-L384N VADFGMSRL	35	85
>ABL1-L384N VADFGLSRLM	464	>ABL1-L384N VADFGMSRLM	213	251
>ABL1-L384N VADFGLSRL	179	>ABL1-L384N VADFGMSRL	110	69
>ABL1-L384N KVADFGLSRL	46	>ABL1-L384N KVADFGMSR	72	26
>ABL1-L384N KVADFGLSRL	351	>ABL1-L384N KVADFGMSR	391	40
>ABL1-L384N KVADFGLSRL	101	>ABL1-L384N KVADFGMSR	191	90
>ABL1-L384N KVADFGLSRL	307	>ABL1-L384N KVADFGMSR	967	660
>ABL1-L384N KVADFGLSRL	217	>ABL1-L384N KVADFGMSR	321	104
>ABL1-L384N KVADFGLSRL	51	>ABL1-L384N KVADFGMSR	65	14
>ABL1-L384N KVADFGLSR	309	>ABL1-L384N KVADFGMSR	223	86
>ABL1-L384N KVADFGLSR	27	>ABL1-L384N KVADFGMSR	22	5
>ABL1-L384N KVADFGLSR	853	>ABL1-L384N KVADFGMSR	403	450
>ABL1-L384N KVADFGLSR	59	>ABL1-L384N KVADFGMSR	32	27
>ABL1-L384N KVADFGLSR	145	>ABL1-L384N KVADFGMSR	60	85
>ABL1-L384N KVADFGLSRL	67	>ABL1-L384N KVADFGMSR	59	8
>ABL1-L384N KVADFGLSRL	317	>ABL1-L384N KVADFGMSR	404	87
>ABL1-L384N KVADFGLSRL	44	>ABL1-L384N KVADFGMSR	39	5
>ABL1-L384N KVADFGLSR	21	>ABL1-L384N KVADFGMSR	27	6
>ABL1-L384N VKVADFG	477	>ABL1-L384N VKVADFGM	315	162
>ABL1-L384N VKVADFGLSR	341	>ABL1-L384N VKVADFGMS	194	147
>ABL1-L384N VKVADFGLSR	345	>ABL1-L384N VKVADFGMS	295	50
>ABL1-L384N LVKVADFG	257	>ABL1-L384N LVKVADFGM	162	95
>ABL1-L384N LVKVADFG	64	>ABL1-L384N LVKVADFGM	38	26
>ABL1-L384N LVKVADFG	358	>ABL1-L384N LVKVADFGM	151	207
>ABL1-L384N LVKVADFG	133	>ABL1-L384N LVKVADFGM	69	64
>ABL1-L384N HLVKVADFG	418	>ABL1-L384N HLVKVADFGM	1445	1027
>ABL1-L384N HLVKVADFG	73	>ABL1-L384N HLVKVADFGM	306	233
>ABL1-L384N HLVKVADFG	71	>ABL1-L384N HLVKVADFGM	577	506
>ABL1-L384N HLVKVADFG	37	>ABL1-L384N HLVKVADFGM	408	371
>ABL1-L384N HLVKVADFG	36	>ABL1-L384N HLVKVADFGM	438	402
>ABL1-L384N HLVKVADFG	31	>ABL1-L384N HLVKVADFGM	1119	1088
>ABL1-L387N LMTGDTYT	1252	>ABL1-L387N MMTGDTYT	238	1014
>ABL1-L387N LMTGDTYTA	47	>ABL1-L387N MMTGDTYT/	19	28
>ABL1-L387N LMTGDTYTAI	98	>ABL1-L387N MMTGDTYT/	31	67
>ABL1-L387N LMTGDTYT	164	>ABL1-L387N MMTGDTYT	46	118
>ABL1-L387N LMTGDTYTA	18	>ABL1-L387N MMTGDTYT/	7	11
>ABL1-L387N LMTGDTYTAI	20	>ABL1-L387N MMTGDTYT/	9	11
>ABL1-L387N LMTGDTYT	524	>ABL1-L387N MMTGDTYT	127	397
>ABL1-L387N LMTGDTYTA	38	>ABL1-L387N MMTGDTYT/	13	25
>ABL1-L387N LMTGDTYTAI	19	>ABL1-L387N MMTGDTYT/	8	11
>ABL1-L387N LMTGDTYT	729	>ABL1-L387N MMTGDTYT	252	477
>ABL1-L387N LMTGDTYTA	137	>ABL1-L387N MMTGDTYT/	59	78
>ABL1-L387N LMTGDTYTAI	69	>ABL1-L387N MMTGDTYT/	30	39

>ABL1-L387N LMTGDTYT	148	>ABL1-L387N MMTGDTYT	60	88
>ABL1-L387N LMTGDTYTA	10	>ABL1-L387N MMTGDTYT/	6	4
>ABL1-L387N LMTGDTYTAI	31	>ABL1-L387N MMTGDTYT/	15	16
>ABL1-L387N LMTGDTYTA	6	>ABL1-L387N MMTGDTYT/	5	1
>ABL1-L387N LMTGDTYTAI	24	>ABL1-L387N MMTGDTYT/	16	8
>ABL1-L387N LMTGDTYT	261	>ABL1-L387N MMTGDTYT	165	96
>ABL1-L387N LMTGDTYTA	25	>ABL1-L387N MMTGDTYT/	18	7
>ABL1-L387N LMTGDTYTAI	43	>ABL1-L387N MMTGDTYT/	27	16
>ABL1-L387N LMTGDTYT	806	>ABL1-L387N MMTGDTYT	404	402
>ABL1-L387N LMTGDTYTA	12	>ABL1-L387N MMTGDTYT/	7	5
>ABL1-L387N LMTGDTYTAI	77	>ABL1-L387N MMTGDTYT/	45	32
>ABL1-L387N LMTGDTYT	12	>ABL1-L387N MMTGDTYT	9	3
>ABL1-L387N LMTGDTYTA	3	>ABL1-L387N MMTGDTYT/	3	0
>ABL1-L387N LMTGDTYTAI	4	>ABL1-L387N MMTGDTYT/	4	0
>ABL1-L387N LMTGDTYTA	1557	>ABL1-L387N MMTGDTYT/	326	1231
>ABL1-L387N LMTGDTYTA	5143	>ABL1-L387N MMTGDTYT/	259	4884
>ABL1-L387N LMTGDTYTAI	4830	>ABL1-L387N MMTGDTYT/	232	4598
>ABL1-L387N RLMTGDTYT	144	>ABL1-L387N RMMTGDTYI	125	19
>ABL1-L387N RLMTGDTYT/	16	>ABL1-L387N RMMTGDTYI	15	1
>ABL1-L387N RLMTGDTYT	222	>ABL1-L387N RMMTGDTYI	334	112
>ABL1-L387N RLMTGDTYT/	10	>ABL1-L387N RMMTGDTYI	11	1
>ABL1-L387N RLMTGDTYT	62	>ABL1-L387N RMMTGDTYI	57	5
>ABL1-L387N RLMTGDTYT/	31	>ABL1-L387N RMMTGDTYI	30	1
>ABL1-L387N RLMTGDTYT	134	>ABL1-L387N RMMTGDTYI	96	38
>ABL1-L387N RLMTGDTYT/	82	>ABL1-L387N RMMTGDTYI	61	21
>ABL1-L387N RLMTGDTYT	309	>ABL1-L387N RMMTGDTYI	152	157
>ABL1-L387N RLMTGDTYT/	23	>ABL1-L387N RMMTGDTYI	14	9
>ABL1-L387N RLMTGDTYT	417	>ABL1-L387N RMMTGDTYI	293	124
>ABL1-L387N RLMTGDTYT/	10	>ABL1-L387N RMMTGDTYI	7	3
>ABL1-L387N RLMTGDTYT/	61	>ABL1-L387N RMMTGDTYI	53	8
>ABL1-L387N RLMTGDTYT	486	>ABL1-L387N RMMTGDTYI	418	68
>ABL1-L387N RLMTGDTYT/	23	>ABL1-L387N RMMTGDTYI	19	4
>ABL1-L387N RLMTGDTYT	134	>ABL1-L387N RMMTGDTYI	314	180
>ABL1-L387N RLMTGDTYT/	11	>ABL1-L387N RMMTGDTYI	18	7
>ABL1-L387N RLMTGDTY	578	>ABL1-L387N RMMTGDTY	458	120
>ABL1-L387N RLMTGDTYT/	337	>ABL1-L387N RMMTGDTYI	274	63
>ABL1-L387N RLMTGDTY	329	>ABL1-L387N RMMTGDTY	63	266
>ABL1-L387N RLMTGDTY	63	>ABL1-L387N RMMTGDTY	20	43
>ABL1-L387N RLMTGDTYT/	1016	>ABL1-L387N RMMTGDTYI	292	724
>ABL1-L387N RLMTGDTY	88	>ABL1-L387N RMMTGDTY	60	28
>ABL1-L387N RLMTGDTYT/	123	>ABL1-L387N RMMTGDTYI	94	29
>ABL1-L387N RLMTGDTY	116	>ABL1-L387N RMMTGDTY	134	18
>ABL1-L387N RLMTGDTY	60	>ABL1-L387N RMMTGDTY	42	18

>ABL1-L387N RLMTGDTYT/	947	>ABL1-L387N RMMTGDTYI	257	690
>ABL1-L387N RLMTGDTYT/	497	>ABL1-L387N RMMTGDTYI	128	369
>ABL1-L387N RLMTGDTY	80	>ABL1-L387N RMMTGDTY	62	18
>ABL1-L387N RLMTGDTY	62	>ABL1-L387N RMMTGDTY	7	55
>ABL1-L387N RLMTGDTYT/	3344	>ABL1-L387N RMMTGDTYI	320	3024
>ABL1-L387N RLMTGDTYT/	389	>ABL1-L387N RMMTGDTYI	41	348
>ABL1-L387N RLMTGDTY	74	>ABL1-L387N RMMTGDTY	30	44
>ABL1-L387N RLMTGDTY	602	>ABL1-L387N RMMTGDTY	228	374
>ABL1-L387N RLMTGDTY	2481	>ABL1-L387N RMMTGDTY	156	2325
>ABL1-L387N VKVADFGLSR	345	>ABL1-L387N VKVADFGLSR	209	136
>ABL1-L387N SRLMTGDTY	47	>ABL1-L387N SRMMTGDTY	28	19
>ABL1-L387N SRLMTGDTY	851	>ABL1-L387N SRMMTGDTY	293	558
>ABL1-L387N SRLMTGDTYI	590	>ABL1-L387N SRMMTGDTY	479	111
>ABL1-L387N SRLMTGDTY	386	>ABL1-L387N SRMMTGDTY	300	86
>ABL1-L387N LSRLMTGDTY	183	>ABL1-L387N LSRMMTGDT	195	12
>ABL1-L387N LSRLMTGDTY	127	>ABL1-L387N LSRMMTGDT	61	66
>ABL1-L387N LSRLMTGDTY	436	>ABL1-L387N LSRMMTGDT	149	287
>ABL1-L387N LSRLMTGDTY	6	>ABL1-L387N LSRMMTGDT	5	1
>ABL1-L387N LSRLMTGDTY	47	>ABL1-L387N LSRMMTGDT	90	43
>ABL1-L387N GLSRLMTGD	456	>ABL1-L387N GLSRMMTGE	581	125
>ABL1-L387N GLSRLMTGD	266	>ABL1-L387N GLSRMMTGE	232	34
>ABL1-L387N GLSRLMTGD	217	>ABL1-L387N GLSRMMTGE	216	1
>ABL1-L387N GLSRLMTGD	181	>ABL1-L387N GLSRMMTGE	190	9
>ABL1-L387N GLSRLMTGD	82	>ABL1-L387N GLSRMMTGE	94	12
>ABL1-L387N ADFGLSRL	111	>ABL1-L387N ADFGLSRM	225	114
>ABL1-L387N ADFGLSRLM	106	>ABL1-L387N ADFGLSRMM	65	41
>ABL1-L387N ADFGLSRLM	156	>ABL1-L387N ADFGLSRMM	130	26
>ABL1-L387N VADFGLSRL	120	>ABL1-L387N VADFGLSRM	76	44
>ABL1-L387N VADFGLSRLM	464	>ABL1-L387N VADFGLSRM	293	171
>ABL1-L387N VADFGLSRL	179	>ABL1-L387N VADFGLSRM	25	154
>ABL1-L387N KVADFGLSRL	46	>ABL1-L387N KVADFGLSRM	198	152
>ABL1-L387N KVADFGLSRL	351	>ABL1-L387N KVADFGLSRM	780	429
>ABL1-L387N KVADFGLSRL	101	>ABL1-L387N KVADFGLSRM	509	408
>ABL1-L387N KVADFGLSRL	307	>ABL1-L387N KVADFGLSRM	1104	797
>ABL1-L387N KVADFGLSRL	217	>ABL1-L387N KVADFGLSRM	1561	1344
>ABL1-L387N KVADFGLSRL	51	>ABL1-L387N KVADFGLSRM	1566	1515
>ABL1-L387N KVADFGLSRL	1751	>ABL1-L387N KVADFGLSRM	261	1490
>ABL1-L387N KVADFGLSRL	580	>ABL1-L387N KVADFGLSRM	218	362
>ABL1-L387N KVADFGLSRL	67	>ABL1-L387N KVADFGLSRM	44	23
>ABL1-L387N KVADFGLSRL	317	>ABL1-L387N KVADFGLSRM	179	138
>ABL1-L387N KVADFGLSRL	2476	>ABL1-L387N KVADFGLSRM	120	2356
>ABL1-L387N KVADFGLSRL	44	>ABL1-L387N KVADFGLSRM	37	7
>ABL1-M237 MERTDITM	158	>ABL1-M237 IERTDITM	388	230

>ABL1-M237 MERTDITM	337	>ABL1-M237 IERTDITM	424	87
>ABL1-M237 MERTDITM	88	>ABL1-M237 IERTDITM	153	65
>ABL1-M237 EMERTDITM	258	>ABL1-M237 EIERTDITM	529	271
>ABL1-M237 GVSPNYDKW	2273	>ABL1-M237 GVSPNYDKW	431	1842
>ABL1-M237 WEMERTDIT	164	>ABL1-M237 WEIERTDIT	620	456
>ABL1-M237 WEMERTDIT	135	>ABL1-M237 WEIERTDITM	414	279
>ABL1-M237 WEMERTDIT	1085	>ABL1-M237 WEIERTDITM	346	739
>ABL1-M237 WEMERTDIT	121	>ABL1-M237 WEIERTDITM	331	210
>ABL1-M237 WEMERTDI	186	>ABL1-M237 WEIERTDI	109	77
>ABL1-M237 WEMERTDI	178	>ABL1-M237 WEIERTDI	271	93
>ABL1-M237 WEMERTDIT	237	>ABL1-M237 WEIERTDIT	378	141
>ABL1-M237 WEMERTDIT	331	>ABL1-M237 WEIERTDITM	510	179
>ABL1-M237 WEMERTDI	31	>ABL1-M237 WEIERTDI	26	5
>ABL1-M237 WEMERTDIT	7	>ABL1-M237 WEIERTDIT	12	5
>ABL1-M237 WEMERTDIT	10	>ABL1-M237 WEIERTDITM	10	0
>ABL1-M237 WEMERTDIT	33	>ABL1-M237 WEIERTDITM	107	74
>ABL1-M237 KWEMERTD	369	>ABL1-M237 KWEIERTD	471	102
>ABL1-M237 KWEMERTDI	160	>ABL1-M237 KWEIERTDI	216	56
>ABL1-M237 KWEMERTDI	88	>ABL1-M237 KWEIERTDIT	110	22
>ABL1-M237 YDKWEMERT	123	>ABL1-M237 YDKWEIERTD	109	14
>ABL1-M237 NYDKWEMER	62	>ABL1-M237 NYDKWEIER	93	31
>ABL1-M237 NYDKWEMER	63	>ABL1-M237 NYDKWEIER	56	7
>ABL1-M237 SPNYDKWEN	266	>ABL1-M237 SPNYDKWEI	1715	1449
>ABL1-M237 SPNYDKWEN	88	>ABL1-M237 SPNYDKWEI	3942	3854
>ABL1-M237 SPNYDKWEN	77	>ABL1-M237 SPNYDKWEI	51	26
>ABL1-M237 VSPNYDKWE	37	>ABL1-M237 VSPNYDKWE	78	41
>ABL1-M237 VSPNYDKWE	236	>ABL1-M237 VSPNYDKWE	8883	8647
>ABL1-M244 MKHKLGGGC	221	>ABL1-M244 VKHKLGGGQ	230	9
>ABL1-M244 MKHKLGGGC	35	>ABL1-M244 VKHKLGGGQ	105	70
>ABL1-M244 MKHKLGGGC	330	>ABL1-M244 VKHKLGGGQ	6835	6505
>ABL1-M244 TMKHKLGGG	4241	>ABL1-M244 TVKHKLGGGQ	111	4130
>ABL1-M244 TMKHKLGGG	1982	>ABL1-M244 TVKHKLGGGQ	114	1868
>ABL1-M244 TMKHKLGGG	76	>ABL1-M244 TVKHKLGGGQ	203	127
>ABL1-M244 TMKHKLGGG	32	>ABL1-M244 TVKHKLGGGQ	96	64
>ABL1-M244 TMKHKLGGG	544	>ABL1-M244 TVKHKLGGGQ	437	107
>ABL1-M244 TMKHKLGGG	69	>ABL1-M244 TVKHKLGGGQ	454	385
>ABL1-M244 TMKHKLGGG	77	>ABL1-M244 TVKHKLGGGQ	578	501
>ABL1-M244 TMKHKLGGG	2946	>ABL1-M244 TVKHKLGGGQ	408	2538
>ABL1-M244 KWEMERTDI	88	>ABL1-M244 KWEMERTDI	93	5
>ABL1-M244 RTDITMKHK	161	>ABL1-M244 RTDITVKHK	299	138
>ABL1-M244 RTDITMKHK	156	>ABL1-M244 RTDITVKHK	175	19
>ABL1-M244 RTDITMKH	81	>ABL1-M244 RTDITVKH	101	20
>ABL1-M244 RTDITMKHKL	6	>ABL1-M244 RTDITVKHKL	11	5

>ABL1-M244 RTDITMKHKL	453	>ABL1-M244 RTDITVKHKL	517	64
>ABL1-M244 RTDITMKHKL	396	>ABL1-M244 RTDITVKHKL	876	480
>ABL1-M244 RTDITMKHK	181	>ABL1-M244 RTDITVKHK	376	195
>ABL1-M244 ERTDITMK	356	>ABL1-M244 ERTDITVK	864	508
>ABL1-M244 MERTDITM	158	>ABL1-M244 MERTDITV	114	44
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>ABL1-M244 MERTDITM	88	>ABL1-M244 MERTDITV	497	409
>ABL1-M244 MERTDITM	1401	>ABL1-M244 MERTDITV	104	1297
>ABL1-M244 EMERTDITM	6973	>ABL1-M244 EMERTDITV	164	6809
>ABL1-M244 EMERTDITM	5530	>ABL1-M244 EMERTDITV	50	5480
>ABL1-M244 EMERTDITM	13388	>ABL1-M244 EMERTDITV	229	13159
>ABL1-M244 EMERTDITM	6568	>ABL1-M244 EMERTDITV	25	6543
>ABL1-M244 EMERTDITM	258	>ABL1-M244 EMERTDITV	9292	9034
>ABL1-M244 WEMERTDITM	135	>ABL1-M244 WEMERTDITV	59	76
>ABL1-M244 WEMERTDITM	121	>ABL1-M244 WEMERTDITV	437	316
>ABL1-M244 WEMERTDITM	331	>ABL1-M244 WEMERTDITV	8834	8503
>ABL1-M244 WEMERTDITM	10	>ABL1-M244 WEMERTDITV	8	2
>ABL1-M244 WEMERTDITM	33	>ABL1-M244 WEMERTDITV	52	19
>ABL1-M343 MATQISSAM	56	>ABL1-M343 TATQISSAME	239	183
>ABL1-M343 MATQISSAM	140	>ABL1-M343 TATQISSAME	259	119
>ABL1-M343 MATQISSAM	43	>ABL1-M343 TATQISSAME	125	82
>ABL1-M343 MATQISSA	75	>ABL1-M343 TATQISSA	253	178
>ABL1-M343 MATQISSAM	219	>ABL1-M343 TATQISSAM	816	597
>ABL1-M343 MATQISSAM	122	>ABL1-M343 TATQISSAME	216	94
>ABL1-M343 MATQISSAM	322	>ABL1-M343 TATQISSAM	4157	3835
>ABL1-M343 MATQISSAM	342	>ABL1-M343 TATQISSAM	2866	2524
>ABL1-M343 MATQISSAM	86	>ABL1-M343 TATQISSAME	855	769
>ABL1-M343 MATQISSAM	40	>ABL1-M343 TATQISSAM	431	391
>ABL1-M343 MATQISSAM	9	>ABL1-M343 TATQISSAME	60	51
>ABL1-M343 MATQISSAM	7	>ABL1-M343 TATQISSAM	15	8
>ABL1-M343 MATQISSAM	8	>ABL1-M343 TATQISSAME	21	13
>ABL1-M343 MATQISSAM	491	>ABL1-M343 TATQISSAM	2143	1652
>ABL1-M343 MATQISSAM	191	>ABL1-M343 TATQISSAME	1536	1345
>ABL1-M343 MATQISSA	434	>ABL1-M343 TATQISSA	14360	13926
>ABL1-M343 MATQISSAM	73	>ABL1-M343 TATQISSAME	1283	1210
>ABL1-M343 MATQISSAM	12	>ABL1-M343 TATQISSAM	28	16
>ABL1-M343 MATQISSAM	37	>ABL1-M343 TATQISSAME	86	49
>ABL1-M343 MATQISSAM	94	>ABL1-M343 TATQISSAME	436	342
>ABL1-M343 MATQISSAM	115	>ABL1-M343 TATQISSAME	16463	16348
>ABL1-M343 YMATQISS	428	>ABL1-M343 YTATQISS	13918	13490
>ABL1-M343 YMATQISSA	17	>ABL1-M343 YTATQISSA	1067	1050
>ABL1-M343 YMATQISSAM	234	>ABL1-M343 YTATQISSAM	6529	6295
>ABL1-M343 YMATQISS	111	>ABL1-M343 YTATQISS	5434	5323

>ABL1-M343 YMATQISSA	4	>ABL1-M343 YTATQISSA	78	74
>ABL1-M343 YMATQISSAM	21	>ABL1-M343 YTATQISSAM	363	342
>ABL1-M343 YMATQISS	99	>ABL1-M343 YTATQISS	5594	5495
>ABL1-M343 YMATQISSA	2	>ABL1-M343 YTATQISSA	12	10
>ABL1-M343 YMATQISSAM	44	>ABL1-M343 YTATQISSAM	599	555
>ABL1-M343 YMATQISSA	18	>ABL1-M343 YTATQISSA	74	56
>ABL1-M343 YMATQISSAM	267	>ABL1-M343 YTATQISSAM	574	307
>ABL1-M343 YMATQISS	172	>ABL1-M343 YTATQISS	9824	9652
>ABL1-M343 YMATQISSA	5	>ABL1-M343 YTATQISSA	650	645
>ABL1-M343 YMATQISSAM	11	>ABL1-M343 YTATQISSAM	1408	1397
>ABL1-M343 YMATQISSA	12	>ABL1-M343 YTATQISSA	3421	3409
>ABL1-M343 YMATQISSAM	14	>ABL1-M343 YTATQISSAM	5056	5042
>ABL1-M343 YMATQISSA	12	>ABL1-M343 YTATQISSA	3026	3014
>ABL1-M343 YMATQISSAM	47	>ABL1-M343 YTATQISSAM	9737	9690
>ABL1-M343 YMATQISSA	13	>ABL1-M343 YTATQISSA	8580	8567
>ABL1-M343 YMATQISSAM	18	>ABL1-M343 YTATQISSAM	6410	6392
>ABL1-M343 YMATQISS	50	>ABL1-M343 YTATQISS	19216	19166
>ABL1-M343 YMATQISSA	3	>ABL1-M343 YTATQISSA	371	368
>ABL1-M343 YMATQISSAM	8	>ABL1-M343 YTATQISSAM	5831	5823
>ABL1-M343 YMATQISSAM	2451	>ABL1-M343 YTATQISSAM	148	2303
>ABL1-M343 YMATQISSAM	191	>ABL1-M343 YTATQISSAM	6	185
>ABL1-M343 YMATQISSA	1566	>ABL1-M343 YTATQISSA	25	1541
>ABL1-M343 YMATQISSAM	2780	>ABL1-M343 YTATQISSAM	489	2291
>ABL1-M343 YMATQISSAM	1408	>ABL1-M343 YTATQISSAM	153	1255
>ABL1-M343 YMATQISSA	160	>ABL1-M343 YTATQISSA	2749	2589
>ABL1-M343 YMATQISSAM	26	>ABL1-M343 YTATQISSAM	97	71
>ABL1-M343 YMATQISSAM	33	>ABL1-M343 YTATQISSAM	1072	1039
>ABL1-M343 YMATQISSA	96	>ABL1-M343 YTATQISSA	3024	2928
>ABL1-M343 YMATQISSAM	7	>ABL1-M343 YTATQISSAM	111	104
>ABL1-M343 YMATQISSAM	666	>ABL1-M343 YTATQISSAM	7	659
>ABL1-M343 YMATQISSAM	34	>ABL1-M343 YTATQISSAM	685	651
>ABL1-M343 YMATQISSAM	342	>ABL1-M343 YTATQISSAM	654	312
>ABL1-M343 YMATQISSAM	6545	>ABL1-M343 YTATQISSAM	45	6500
>ABL1-M343 YMATQISSA	11414	>ABL1-M343 YTATQISSA	171	11243
>ABL1-M343 YMATQISSAM	74	>ABL1-M343 YTATQISSAM	16	58
>ABL1-M343 QEVNAVLLY	178	>ABL1-M343 QEVNAVLLY	3006	2828
>ABL1-M343 QEVNAVLLY	152	>ABL1-M343 QEVNAVLLY	3901	3749
>ABL1-M343 QEVNAVLLY	82	>ABL1-M343 QEVNAVLLY	4315	4233
>ABL1-M343 QEVNAVLLY	388	>ABL1-M343 QEVNAVLLY	592	204
>ABL1-M343 QEVNAVLLY	114	>ABL1-M343 QEVNAVLLY	781	667
>ABL1-M343 QEVNAVLLY	2001	>ABL1-M343 QEVNAVLLY	150	1851
>ABL1-M343 QEVNAVLLY	44	>ABL1-M343 QEVNAVLLY	289	245
>ABL1-M343 LYMATQISSA	92	>ABL1-M343 LYTATQISSA	208	116

>ABL1-M343 LYMATQISSA	6	>ABL1-M343 LYTATQISSAN	11	5
>ABL1-M343 LYMATQISSA	466	>ABL1-M343 LYTATQISSA	2432	1966
>ABL1-M343 LYMATQISSA	28	>ABL1-M343 LYTATQISSAN	172	144
>ABL1-M343 LYMATQISSA	477	>ABL1-M343 LYTATQISSA	1957	1480
>ABL1-M343 LYMATQISSA	266	>ABL1-M343 LYTATQISSAN	1672	1406
>ABL1-M343 LYMATQISSA	436	>ABL1-M343 LYTATQISSAN	750	314
>ABL1-M343 LYMATQISSA	340	>ABL1-M343 LYTATQISSAN	5055	4715
>ABL1-M343 LYMATQISSA	424	>ABL1-M343 LYTATQISSAN	581	157
>ABL1-M343 LYMATQISSA	333	>ABL1-M343 LYTATQISSAN	467	134
>ABL1-M343 LLYMATQI	79	>ABL1-M343 LLYTATQI	57	22
>ABL1-M343 LLYMATQISS,	106	>ABL1-M343 LLYTATQISSA	71	35
>ABL1-M343 LLYMATQI	51	>ABL1-M343 LLYTATQI	28	23
>ABL1-M343 LLYMATQISS,	70	>ABL1-M343 LLYTATQISSA	30	40
>ABL1-M343 LLYMATQI	7	>ABL1-M343 LLYTATQI	7	0
>ABL1-M343 LLYMATQIS	588	>ABL1-M343 LLYTATQIS	489	99
>ABL1-M343 LLYMATQISS,	4	>ABL1-M343 LLYTATQISSA	4	0
>ABL1-M343 LLYMATQI	287	>ABL1-M343 LLYTATQI	204	83
>ABL1-M343 LLYMATQISS,	297	>ABL1-M343 LLYTATQISSA	173	124
>ABL1-M343 LLYMATQI	5	>ABL1-M343 LLYTATQI	6	1
>ABL1-M343 LLYMATQISS	306	>ABL1-M343 LLYTATQISS	415	109
>ABL1-M343 LLYMATQISS,	9	>ABL1-M343 LLYTATQISSA	12	3
>ABL1-M343 LLYMATQI	75	>ABL1-M343 LLYTATQI	33	42
>ABL1-M343 LLYMATQISS,	71	>ABL1-M343 LLYTATQISSA	41	30
>ABL1-M343 LLYMATQI	13	>ABL1-M343 LLYTATQI	13	0
>ABL1-M343 LLYMATQISS,	24	>ABL1-M343 LLYTATQISSA	26	2
>ABL1-M343 LLYMATQI	70	>ABL1-M343 LLYTATQI	40	30
>ABL1-M343 LLYMATQISS,	461	>ABL1-M343 LLYTATQISSA	297	164
>ABL1-M343 LLYMATQI	5	>ABL1-M343 LLYTATQI	5	0
>ABL1-M343 LLYMATQIS	222	>ABL1-M343 LLYTATQIS	312	90
>ABL1-M343 LLYMATQISS	91	>ABL1-M343 LLYTATQISS	116	25
>ABL1-M343 LLYMATQISS,	4	>ABL1-M343 LLYTATQISSA	4	0
>ABL1-M343 LLYMATQI	449	>ABL1-M343 LLYTATQI	493	44
>ABL1-M343 LLYMATQISS,	185	>ABL1-M343 LLYTATQISSA	369	184
>ABL1-M343 LLYMATQI	324	>ABL1-M343 LLYTATQI	196	128
>ABL1-M343 LLYMATQISS,	402	>ABL1-M343 LLYTATQISSA	329	73
>ABL1-M343 LLYMATQI	215	>ABL1-M343 LLYTATQI	217	2
>ABL1-M343 VLLYMATQI	170	>ABL1-M343 VLLYTATQI	332	162
>ABL1-M343 VLLYMATQI	104	>ABL1-M343 VLLYTATQI	133	29
>ABL1-M343 VLLYMATQI	52	>ABL1-M343 VLLYTATQI	17	35
>ABL1-M343 VLLYMATQI	178	>ABL1-M343 VLLYTATQI	62	116
>ABL1-M343 VLLYMATQI	44	>ABL1-M343 VLLYTATQI	23	21
>ABL1-M343 VLLYMATQI	57	>ABL1-M343 VLLYTATQI	38	19
>ABL1-M343 VLLYMATQ	155	>ABL1-M343 VLLYTATQ	155	0



>ABL1-M343 VLLYMATQI	17	>ABL1-M343 VLLYTATQI	20	3
>ABL1-M343 VLLYMATQI	47	>ABL1-M343 VLLYTATQI	95	48
>ABL1-M343 VLLYMATQI	1839	>ABL1-M343 VLLYTATQI	390	1449
>ABL1-M343 VVLLYMAT	269	>ABL1-M343 VVLLYTAT	348	79
>ABL1-M343 VVLLYMATQI	750	>ABL1-M343 VVLLYTATQI	499	251
>ABL1-M343 VVLLYMATQI	603	>ABL1-M343 VVLLYTATQI	237	366
>ABL1-M343 VVLLYMATQI	622	>ABL1-M343 VVLLYTATQI	477	145
>ABL1-M343 VVLLYMATQI	261	>ABL1-M343 VVLLYTATQI	480	219
>ABL1-M343 AVVLLYMATC	520	>ABL1-M343 AVVLLYTATQ	462	58
>ABL1-M343 AVVLLYMA	392	>ABL1-M343 AVVLLYTA	318	74
>ABL1-M343 AVVLLYMATC	334	>ABL1-M343 AVVLLYTATQ	406	72
>ABL1-M343 NAVVLLYM	201	>ABL1-M343 NAVVLLYT	22368	22167
>ABL1-M343 NAVVLLYMA	142	>ABL1-M343 NAVVLLYTA	165	23
>ABL1-M343 NAVVLLYMA	668	>ABL1-M343 NAVVLLYTA	437	231
>ABL1-M343 EVNAVVLLYM	22	>ABL1-M343 EVNAVVLLYT	6785	6763
>ABL1-M343 EVNAVVLLYM	440	>ABL1-M343 EVNAVVLLYT	20496	20056
>ABL1-M343 EVNAVVLLYM	193	>ABL1-M343 EVNAVVLLYT	124	69
>ABL1-M343 EVNAVVLLYM	10	>ABL1-M343 EVNAVVLLYT	10	0
>ABL1-M343 EVNAVVLLYM	22	>ABL1-M343 EVNAVVLLYT	362	340
>ABL1-M343 EVNAVVLLYM	50	>ABL1-M343 EVNAVVLLYT	88	38
>ABL1-M351 MEYLEKKNF	21	>ABL1-M351 TEYLEKKNF	26	5
>ABL1-M351 MEYLEKKNFI	4	>ABL1-M351 TEYLEKKNFI	4	0
>ABL1-M351 MEYLEKKNF	77	>ABL1-M351 TEYLEKKNF	775	698
>ABL1-M351 MEYLEKKNF	31	>ABL1-M351 TEYLEKKNF	84	53
>ABL1-M351 MEYLEKKNFI	277	>ABL1-M351 TEYLEKKNFI	374	97
>ABL1-M351 MEYLEKKNF	183	>ABL1-M351 TEYLEKKNF	206	23
>ABL1-M351 MEYLEKKNFI	483	>ABL1-M351 TEYLEKKNFI	1038	555
>ABL1-M351 MEYLEKKNF	120	>ABL1-M351 TEYLEKKNF	445	325
>ABL1-M351 MEYLEKKNFI	28	>ABL1-M351 TEYLEKKNFI	52	24
>ABL1-M351 MEYLEKKNFI	884	>ABL1-M351 TEYLEKKNFI	244	640
>ABL1-M351 AMEYLEKKNF	277	>ABL1-M351 ATEYLEKKNFI	5789	5512
>ABL1-M351 AMEYLEKK	414	>ABL1-M351 ATEYLEKK	175	239
>ABL1-M351 AMEYLEKKNF	194	>ABL1-M351 ATEYLEKKNF	3251	3057
>ABL1-M351 AMEYLEKKNF	4865	>ABL1-M351 ATEYLEKKNF	25	4840
>ABL1-M351 AMEYLEKKNF	4366	>ABL1-M351 ATEYLEKKNF	66	4300
>ABL1-M351 AMEYLEKK	4029	>ABL1-M351 ATEYLEKK	276	3753
>ABL1-M351 AMEYLEKKNF	8485	>ABL1-M351 ATEYLEKKNFI	373	8112
>ABL1-M351 LYMATQISSA	6	>ABL1-M351 LYMATQISSA	97	91
>ABL1-M351 LYMATQISSA	28	>ABL1-M351 LYMATQISSA	603	575
>ABL1-M351 LYMATQISSA	266	>ABL1-M351 LYMATQISSA	10729	10463
>ABL1-M351 LYMATQISSA	436	>ABL1-M351 LYMATQISSA	11413	10977
>ABL1-M351 LYMATQISSA	340	>ABL1-M351 LYMATQISSA	14040	13700
>ABL1-M351 LYMATQISSA	424	>ABL1-M351 LYMATQISSA	13668	13244

>ABL1-M351 LYMATQISSA	333	>ABL1-M351 LYMATQISSA	1385	1052
>ABL1-M351 SAMEYLEK	9	>ABL1-M351 SATEYLEK	40	31
>ABL1-M351 SAMEYLEKK	14	>ABL1-M351 SATEYLEKK	130	116
>ABL1-M351 SAMEYLEK	327	>ABL1-M351 SATEYLEK	1348	1021
>ABL1-M351 SAMEYLEK	93	>ABL1-M351 SATEYLEK	188	95
>ABL1-M351 SAMEYLEKK	60	>ABL1-M351 SATEYLEKK	100	40
>ABL1-M351 SAMEYLEKKNI	99	>ABL1-M351 SATEYLEKKNI	826	727
>ABL1-M351 SAMEYLEKKNI	23	>ABL1-M351 SATEYLEKKNI	112	89
>ABL1-M351 SAMEYLEK	147	>ABL1-M351 SATEYLEK	400	253
>ABL1-M351 SAMEYLEKK	270	>ABL1-M351 SATEYLEKK	798	528
>ABL1-M351 SSAMEYLEK	602	>ABL1-M351 SSATEYLEK	426	176
>ABL1-M351 SSAMEYLEK	9	>ABL1-M351 SSATEYLEK	9	0
>ABL1-M351 SSAMEYLEKK	16	>ABL1-M351 SSATEYLEKK	26	10
>ABL1-M351 SSAMEYLEK	224	>ABL1-M351 SSATEYLEK	261	37
>ABL1-M351 SSAMEYLEK	222	>ABL1-M351 SSATEYLEK	278	56
>ABL1-M351 SSAMEYLEKK	35	>ABL1-M351 SSATEYLEKK	50	15
>ABL1-M351 SSAMEYLEK	81	>ABL1-M351 SSATEYLEK	102	21
>ABL1-M351 SSAMEYLEKK	121	>ABL1-M351 SSATEYLEKK	153	32
>ABL1-M351 ISSAMEYL	102	>ABL1-M351 ISSATEYL	126	24
>ABL1-M351 ISSAMEYLEK	61	>ABL1-M351 ISSATEYLEK	74	13
>ABL1-M351 ISSAMEYLEK	7	>ABL1-M351 ISSATEYLEK	9	2
>ABL1-M351 ISSAMEYLEKI	24	>ABL1-M351 ISSATEYLEKK	33	9
>ABL1-M351 ISSAMEYLEK	354	>ABL1-M351 ISSATEYLEK	191	163
>ABL1-M351 ISSAMEYLEK	50	>ABL1-M351 ISSATEYLEK	86	36
>ABL1-M351 ISSAMEYLEKI	80	>ABL1-M351 ISSATEYLEKK	95	15
>ABL1-M351 ISSAMEYL	24	>ABL1-M351 ISSATEYL	31	7
>ABL1-M351 ISSAMEYL	93	>ABL1-M351 ISSATEYL	42	51
>ABL1-M351 ISSAMEYLEK	366	>ABL1-M351 ISSATEYLEK	435	69
>ABL1-M351 QISSAMEYL	6	>ABL1-M351 QISSATEYL	6	0
>ABL1-M351 QISSAMEYL	398	>ABL1-M351 QISSATEYL	496	98
>ABL1-M351 QISSAMEYL	126	>ABL1-M351 QISSATEYL	286	160
>ABL1-M351 QISSAMEYL	2214	>ABL1-M351 QISSATEYL	124	2090
>ABL1-M351 QISSAMEYLE	380	>ABL1-M351 QISSATEYLEK	336	44
>ABL1-M351 QISSAMEYLE	33	>ABL1-M351 QISSATEYLEK	37	4
>ABL1-M351 QISSAMEY	287	>ABL1-M351 QISSATEY	838	551
>ABL1-M351 QISSAMEYL	166	>ABL1-M351 QISSATEYL	1461	1295
>ABL1-M351 QISSAMEY	65	>ABL1-M351 QISSATEY	135	70
>ABL1-M351 QISSAMEY	148	>ABL1-M351 QISSATEY	194	46
>ABL1-M351 QISSAMEYLE	148	>ABL1-M351 QISSATEYLEK	125	23
>ABL1-M351 QISSAMEYL	28	>ABL1-M351 QISSATEYL	25	3
>ABL1-M351 QISSAMEYL	238	>ABL1-M351 QISSATEYL	228	10
>ABL1-M351 QISSAMEY	128	>ABL1-M351 QISSATEY	544	416
>ABL1-M351 QISSAMEY	293	>ABL1-M351 QISSATEY	215	78

>ABL1-M351 QISSAMEY	483	>ABL1-M351 QISSATEY	192	291
>ABL1-M351 QISSAMEY	212	>ABL1-M351 QISSATEY	147	65
>ABL1-M351 TQISSAMEYL	442	>ABL1-M351 TQISSATEYL	303	139
>ABL1-M351 TQISSAMEYL	31	>ABL1-M351 TQISSATEYL	31	0
>ABL1-M351 TQISSAMEYL	135	>ABL1-M351 TQISSATEYL	125	10
>ABL1-M351 TQISSAMEYL	189	>ABL1-M351 TQISSATEYL	223	34
>ABL1-M351 TQISSAMEY	186	>ABL1-M351 TQISSATEY	1559	1373
>ABL1-M351 TQISSAMEYL	410	>ABL1-M351 TQISSATEYL	1761	1351
>ABL1-M351 TQISSAMEY	106	>ABL1-M351 TQISSATEY	410	304
>ABL1-M351 TQISSAMEY	302	>ABL1-M351 TQISSATEY	409	107
>ABL1-M351 TQISSAMEY	156	>ABL1-M351 TQISSATEY	2549	2393
>ABL1-M351 TQISSAMEY	48	>ABL1-M351 TQISSATEY	44	4
>ABL1-M351 TQISSAMEYL	347	>ABL1-M351 TQISSATEYL	263	84
>ABL1-M351 TQISSAMEY	164	>ABL1-M351 TQISSATEY	141	23
>ABL1-M351 TQISSAMEY	3	>ABL1-M351 TQISSATEY	4	1
>ABL1-M351 TQISSAMEYL	42	>ABL1-M351 TQISSATEYL	33	9
>ABL1-M351 TQISSAMEYL	61	>ABL1-M351 TQISSATEYL	55	6
>ABL1-M351 ATQISSAMEY	30	>ABL1-M351 ATQISSATEY	29	1
>ABL1-M351 ATQISSAMEY	392	>ABL1-M351 ATQISSATEYL	383	9
>ABL1-M351 ATQISSAMEY	59	>ABL1-M351 ATQISSATEY	299	240
>ABL1-M351 ATQISSAMEY	136	>ABL1-M351 ATQISSATEY	206	70
>ABL1-M351 ATQISSAMEY	68	>ABL1-M351 ATQISSATEY	60	8
>ABL1-M351 ATQISSAMEY	263	>ABL1-M351 ATQISSATEY	2308	2045
>ABL1-M351 ATQISSAM	221	>ABL1-M351 ATQISSAT	12657	12436
>ABL1-M351 ATQISSAMEY	146	>ABL1-M351 ATQISSATEY	120	26
>ABL1-M351 ATQISSAMEY	257	>ABL1-M351 ATQISSATEY	279	22
>ABL1-M351 ATQISSAM	6	>ABL1-M351 ATQISSAT	1069	1063
>ABL1-M351 ATQISSAME	594	>ABL1-M351 ATQISSATE	251	343
>ABL1-M351 ATQISSAMEY	3	>ABL1-M351 ATQISSATEY	3	0
>ABL1-M351 ATQISSAMEY	9	>ABL1-M351 ATQISSATEYL	14	5
>ABL1-M351 ATQISSAMEY	32	>ABL1-M351 ATQISSATEYL	35	3
>ABL1-M351 ATQISSAM	368	>ABL1-M351 ATQISSAT	13442	13074
>ABL1-M351 ATQISSAMEY	18	>ABL1-M351 ATQISSATEY	19	1
>ABL1-M351 ATQISSAMEY	200	>ABL1-M351 ATQISSATEYL	389	189
>ABL1-M351 ATQISSAMEY	639	>ABL1-M351 ATQISSATEY	448	191
>ABL1-M351 ATQISSAM	406	>ABL1-M351 ATQISSAT	26747	26341
>ABL1-M351 ATQISSAMEY	285	>ABL1-M351 ATQISSATEYL	195	90
>ABL1-M351 MATQISSAM	56	>ABL1-M351 MATQISSATE	128	72
>ABL1-M351 MATQISSAM	140	>ABL1-M351 MATQISSATE	157	17
>ABL1-M351 MATQISSAM	43	>ABL1-M351 MATQISSATE	50	7
>ABL1-M351 MATQISSAM	219	>ABL1-M351 MATQISSAT	495	276
>ABL1-M351 MATQISSAM	122	>ABL1-M351 MATQISSATE	931	809
>ABL1-M351 MATQISSAM	322	>ABL1-M351 MATQISSAT	12658	12336

>ABL1-M351 MATQISSAM	342	>ABL1-M351 MATQISSAT	11405	11063
>ABL1-M351 MATQISSAM	86	>ABL1-M351 MATQISSATE	100	14
>ABL1-M351 MATQISSAM	40	>ABL1-M351 MATQISSAT	7867	7827
>ABL1-M351 MATQISSAM	9	>ABL1-M351 MATQISSATE	8	1
>ABL1-M351 MATQISSAM	7	>ABL1-M351 MATQISSAT	43	36
>ABL1-M351 MATQISSAM	8	>ABL1-M351 MATQISSATE	8	0
>ABL1-M351 MATQISSAM	491	>ABL1-M351 MATQISSAT	10972	10481
>ABL1-M351 MATQISSAM	191	>ABL1-M351 MATQISSATE	253	62
>ABL1-M351 MATQISSAM	73	>ABL1-M351 MATQISSATE	139	66
>ABL1-M351 MATQISSAM	12	>ABL1-M351 MATQISSAT	1662	1650
>ABL1-M351 MATQISSAM	37	>ABL1-M351 MATQISSATE	19	18
>ABL1-M351 MATQISSAM	94	>ABL1-M351 MATQISSATE	81	13
>ABL1-M351 MATQISSAM	115	>ABL1-M351 MATQISSATE	436	321
>ABL1-M351 YMATQISSAM	234	>ABL1-M351 YMATQISSAT	673	439
>ABL1-M351 YMATQISSAM	21	>ABL1-M351 YMATQISSAT	62	41
>ABL1-M351 YMATQISSAM	44	>ABL1-M351 YMATQISSAT	30	14
>ABL1-M351 YMATQISSAM	267	>ABL1-M351 YMATQISSAT	330	63
>ABL1-M351 YMATQISSAM	11	>ABL1-M351 YMATQISSAT	26	15
>ABL1-M351 YMATQISSAM	14	>ABL1-M351 YMATQISSAT	82	68
>ABL1-M351 YMATQISSAM	47	>ABL1-M351 YMATQISSAT	116	69
>ABL1-M351 YMATQISSAM	18	>ABL1-M351 YMATQISSAT	95	77
>ABL1-M351 YMATQISSAM	8	>ABL1-M351 YMATQISSAT	11	3
>ABL1-M351 YMATQISSAM	875	>ABL1-M351 YMATQISSAT	317	558
>ABL1-M351 YMATQISSAM	191	>ABL1-M351 YMATQISSAT	16287	16096
>ABL1-M351 YMATQISSAM	26	>ABL1-M351 YMATQISSAT	985	959
>ABL1-M351 YMATQISSAM	33	>ABL1-M351 YMATQISSAT	1329	1296
>ABL1-M351 YMATQISSAM	7	>ABL1-M351 YMATQISSAT	421	414
>ABL1-M351 YMATQISSAM	34	>ABL1-M351 YMATQISSAT	3316	3282
>ABL1-M351 YMATQISSAM	342	>ABL1-M351 YMATQISSAT	9406	9064
>ABL1-M351 YMATQISSAM	74	>ABL1-M351 YMATQISSAT	15165	15091
>ABL1-M388 MTGDTYTA	439	>ABL1-M388 LTGDTYTA	1359	920
>ABL1-M388 MTGDTYTA	396	>ABL1-M388 LTGDTYTA	1338	942
>ABL1-M388 MTGDTYTA	300	>ABL1-M388 LTGDTYTA	777	477
>ABL1-M388 MTGDTYTA	47	>ABL1-M388 LTGDTYTA	1771	1724
>ABL1-M388 MTGDTYTAH	146	>ABL1-M388 LTGDTYTAHA	639	493
>ABL1-M388 MTGDTYTA	234	>ABL1-M388 LTGDTYTA	2142	1908
>ABL1-M388 MTGDTYTAH	138	>ABL1-M388 LTGDTYTAHA	1475	1337
>ABL1-M388 LMTGDTYTA	47	>ABL1-M388 LLTGDTYTA	69	22
>ABL1-M388 LMTGDTYTAI	98	>ABL1-M388 LLTGDTYTAH	138	40
>ABL1-M388 LMTGDTYT	164	>ABL1-M388 LLTGDTYT	119	45
>ABL1-M388 LMTGDTYTA	18	>ABL1-M388 LLTGDTYTA	17	1
>ABL1-M388 LMTGDTYTAI	20	>ABL1-M388 LLTGDTYTAH	18	2
>ABL1-M388 LMTGDTYTA	38	>ABL1-M388 LLTGDTYTA	53	15

>ABL1-M388 LMTGDTYTAI	19	>ABL1-M388 LLTGDTYTAH	23	4
>ABL1-M388 LMTGDTYTA	137	>ABL1-M388 LLTGDTYTA	259	122
>ABL1-M388 LMTGDTYTAI	69	>ABL1-M388 LLTGDTYTAH	116	47
>ABL1-M388 LMTGDTYTT	148	>ABL1-M388 LLTGDTYTT	291	143
>ABL1-M388 LMTGDTYTA	10	>ABL1-M388 LLTGDTYTA	16	6
>ABL1-M388 LMTGDTYTAI	31	>ABL1-M388 LLTGDTYTAH	57	26
>ABL1-M388 LMTGDTYTA	6	>ABL1-M388 LLTGDTYTA	8	2
>ABL1-M388 LMTGDTYTAI	24	>ABL1-M388 LLTGDTYTAH	35	11
>ABL1-M388 LMTGDTYTT	261	>ABL1-M388 LLTGDTYTT	316	55
>ABL1-M388 LMTGDTYTA	25	>ABL1-M388 LLTGDTYTA	25	0
>ABL1-M388 LMTGDTYTAI	43	>ABL1-M388 LLTGDTYTAH	43	0
>ABL1-M388 LMTGDTYTA	12	>ABL1-M388 LLTGDTYTA	20	8
>ABL1-M388 LMTGDTYTAI	77	>ABL1-M388 LLTGDTYTAH	120	43
>ABL1-M388 LMTGDTYTT	12	>ABL1-M388 LLTGDTYTT	8	4
>ABL1-M388 LMTGDTYTA	3	>ABL1-M388 LLTGDTYTA	3	0
>ABL1-M388 LMTGDTYTAI	4	>ABL1-M388 LLTGDTYTAH	3	1
>ABL1-M388 KVADFGLSRL	2302	>ABL1-M388 KVADFGLSRL	427	1875
>ABL1-M388 KVADFGLSRL	351	>ABL1-M388 KVADFGLSRL	28	323
>ABL1-M388 KVADFGLSRL	2262	>ABL1-M388 KVADFGLSRL	245	2017
>ABL1-M388 KVADFGLSRL	547	>ABL1-M388 KVADFGLSRL	124	423
>ABL1-M388 KVADFGLSRL	1053	>ABL1-M388 KVADFGLSRL	204	849
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>ABL1-M388 KVADFGLSRL	44	>ABL1-M388 KVADFGLSRL	309	265
>ABL1-M388 RLMTGDTYTT	144	>ABL1-M388 RLLTGDTYTT	653	509
>ABL1-M388 RLMTGDTYTT/	16	>ABL1-M388 RLLTGDTYTTA	36	20
>ABL1-M388 RLMTGDTYTT	222	>ABL1-M388 RLLTGDTYTT	3842	3620
>ABL1-M388 RLMTGDTYTT/	10	>ABL1-M388 RLLTGDTYTTA	30	20
>ABL1-M388 RLMTGDTYTT	62	>ABL1-M388 RLLTGDTYTT	1572	1510
>ABL1-M388 RLMTGDTYTT/	31	>ABL1-M388 RLLTGDTYTTA	100	69
>ABL1-M388 RLMTGDTYTT	134	>ABL1-M388 RLLTGDTYTT	222	88
>ABL1-M388 RLMTGDTYTT/	82	>ABL1-M388 RLLTGDTYTTA	103	21
>ABL1-M388 RLMTGDTYTT	309	>ABL1-M388 RLLTGDTYTT	129	180
>ABL1-M388 RLMTGDTYTT/	23	>ABL1-M388 RLLTGDTYTTA	12	11
>ABL1-M388 RLMTGDTYTT	417	>ABL1-M388 RLLTGDTYTT	632	215
>ABL1-M388 RLMTGDTYTT/	10	>ABL1-M388 RLLTGDTYTTA	13	3
>ABL1-M388 RLMTGDTYTT	674	>ABL1-M388 RLLTGDTYTT	221	453
>ABL1-M388 RLMTGDTYTT/	61	>ABL1-M388 RLLTGDTYTTA	19	42
>ABL1-M388 RLMTGDTYTT	486	>ABL1-M388 RLLTGDTYTT	1481	995
>ABL1-M388 RLMTGDTYTT/	23	>ABL1-M388 RLLTGDTYTTA	52	29
>ABL1-M388 RLMTGDTYTT	134	>ABL1-M388 RLLTGDTYTT	142	8
>ABL1-M388 RLMTGDTYTT/	11	>ABL1-M388 RLLTGDTYTTA	13	2
>ABL1-M388 RLMTGDTYTT/	337	>ABL1-M388 RLLTGDTYTTA	1127	790
>ABL1-M388 RLMTGDTYTT	329	>ABL1-M388 RLLTGDTYTT	215	114

>ABL1-M388 RLMTGDTY	63	>ABL1-M388 RLLTGDTY	108	45
>ABL1-M388 RLMTGDTY	88	>ABL1-M388 RLLTGDTY	186	98
>ABL1-M388 RLMTGDTYT/	123	>ABL1-M388 RLLTGDTYTA	212	89
>ABL1-M388 RLMTGDTY	116	>ABL1-M388 RLLTGDTY	103	13
>ABL1-M388 RLMTGDTY	60	>ABL1-M388 RLLTGDTY	155	95
>ABL1-M388 RLMTGDTYT/	497	>ABL1-M388 RLLTGDTYTA	3761	3264
>ABL1-M388 RLMTGDTY	80	>ABL1-M388 RLLTGDTY	132	52
>ABL1-M388 RLMTGDTY	62	>ABL1-M388 RLLTGDTY	119	57
>ABL1-M388 RLMTGDTYT/	389	>ABL1-M388 RLLTGDTYTA	708	319
>ABL1-M388 RLMTGDTY	74	>ABL1-M388 RLLTGDTY	88	14
>ABL1-M388 SRLMTGDTY	47	>ABL1-M388 SRLLTGDTY	214	167
>ABL1-M388 SRLMTGDTY	386	>ABL1-M388 SRLLTGDTY	683	297
>ABL1-M388 LSRLMTGDTY	183	>ABL1-M388 LSRLLTGDTY	343	160
>ABL1-M388 LSRLMTGDTY	127	>ABL1-M388 LSRLLTGDTY	136	9
>ABL1-M388 LSRLMTGDTY	436	>ABL1-M388 LSRLLTGDTY	481	45
>ABL1-M388 LSRLMTGDTY	6	>ABL1-M388 LSRLLTGDTY	7	1
>ABL1-M388 LSRLMTGDTY	47	>ABL1-M388 LSRLLTGDTY	56	9
>ABL1-M388 GLSRLMTGD`	456	>ABL1-M388 GLSRLLTGDT`	417	39
>ABL1-M388 GLSRLMTGD`	266	>ABL1-M388 GLSRLLTGDT`	281	15
>ABL1-M388 GLSRLMTGD`	217	>ABL1-M388 GLSRLLTGDT`	301	84
>ABL1-M388 GLSRLMTGD`	181	>ABL1-M388 GLSRLLTGDT`	217	36
>ABL1-M388 GLSRLMTGD`	82	>ABL1-M388 GLSRLLTGDT`	111	29
>ABL1-M388 ADFGLSRLM	106	>ABL1-M388 ADFGLSRL	51	55
>ABL1-M388 ADFGLSRLM	156	>ABL1-M388 ADFGLSRL	1121	965
>ABL1-M388 VADFGLSRLM	464	>ABL1-M388 VADFGLSRL	728	264
>ABL1-N374\NHLVKVADF	972	>ABL1-N374\YHLVKVADF	35	937
>ABL1-N374\NHLVKVADF(	224	>ABL1-N374\YHLVKVADFC	68	156
>ABL1-N374\ENHLVKVADFI	14674	>ABL1-N374\EYHLVKVADF	84	14590
>ABL1-N374\ENHLVKVADFI	29864	>ABL1-N374\EYHLVKVADF	472	29392
>ABL1-N374\ENHLVKVADFI	21892	>ABL1-N374\EYHLVKVADF	35	21857
>ABL1-N374\LAARNCLVGE	23553	>ABL1-N374\LAARNCLVGE	184	23369
>ABL1-N374\LAARNCLVGE	29143	>ABL1-N374\LAARNCLVGE	157	28986
>ABL1-N374\LAARNCLVGE	18465	>ABL1-N374\LAARNCLVGE	129	18336
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>ABL1-N374\LAARNCLVGE	12566	>ABL1-N374\LAARNCLVGE	31	12535
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>ABL1-N374\LAARNCLVGE	20998	>ABL1-N374\LAARNCLVGE	479	20519
>ABL1-N374\LAARNCLVGE	33917	>ABL1-N374\LAARNCLVGE	272	33645
>ABL1-N374\GENHLVKVA	1868	>ABL1-N374\GEYHLVKVA	160	1708
>ABL1-N374\GENHLVKVAI	1099	>ABL1-N374\GEYHLVKVAI	148	951
>ABL1-N374\GENHLVKVAI	565	>ABL1-N374\GEYHLVKVAI	93	472
>ABL1-N374\GENHLVKV	375	>ABL1-N374\GEYHLVKV	94	281
>ABL1-N374\GENHLVKV	247	>ABL1-N374\GEYHLVKV	115	132

>ABL1-N374\GENHLVKVA	86	>ABL1-N374\GEYHLVKVA	43	43
>ABL1-N374\GENHLVKVAI	476	>ABL1-N374\GEYHLVKVAE	225	251
>ABL1-N374\GENHLVKVAI	147	>ABL1-N374\GEYHLVKVAE	199	52
>ABL1-N374\GENHLVKVAI	79	>ABL1-N374\GEYHLVKVAE	53	26
>ABL1-N374\GENHLVKV	299	>ABL1-N374\GEYHLVKV	263	36
>ABL1-N374\GENHLVKVA	58	>ABL1-N374\GEYHLVKVA	49	9
>ABL1-N374\GENHLVKV	704	>ABL1-N374\GEYHLVKV	90	614
>ABL1-N374\GENHLVKVA	821	>ABL1-N374\GEYHLVKVA	49	772
>ABL1-N374\GENHLVKVAI	116	>ABL1-N374\GEYHLVKVAE	13	103
>ABL1-N374\LVGENHLV	603	>ABL1-N374\LVGEYHLV	160	443
>ABL1-N374\LVGENHLV	173	>ABL1-N374\LVGEYHLV	69	104
>ABL1-N374\LVGENHLVK\	829	>ABL1-N374\LVGEYHLVKV	450	379
>ABL1-N374\LVGENHLV	361	>ABL1-N374\LVGEYHLV	123	238
>ABL1-N374\LVGENHLVK\	318	>ABL1-N374\LVGEYHLVKV	266	52
>ABL1-N374\LVGENHLV	140	>ABL1-N374\LVGEYHLV	41	99
>ABL1-N374\LVGENHLVK\	494	>ABL1-N374\LVGEYHLVKV	306	188
>ABL1-N374\LVGENHLV	21	>ABL1-N374\LVGEYHLV	13	8
>ABL1-N374\LVGENHLVK\	17	>ABL1-N374\LVGEYHLVKV	18	1
>ABL1-N374\LVGENHLV	93	>ABL1-N374\LVGEYHLV	152	59
>ABL1-N374\LVGENHLVK\	125	>ABL1-N374\LVGEYHLVKV	282	157
>ABL1-N374\LVGENHLV	128	>ABL1-N374\LVGEYHLV	87	41
>ABL1-N374\LVGENHLVK\	187	>ABL1-N374\LVGEYHLVKV	208	21
>ABL1-N374\LVGENHLV	120	>ABL1-N374\LVGEYHLV	130	10
>ABL1-N374\LVGENHLVK\	245	>ABL1-N374\LVGEYHLVKV	355	110
>ABL1-N374\LVGENHLV	5	>ABL1-N374\LVGEYHLV	4	1
>ABL1-N374\LVGENHLVK\	5	>ABL1-N374\LVGEYHLVKV	7	2
>ABL1-N374\LVGENHLVK	517	>ABL1-N374\LVGEYHLVK	354	163
>ABL1-N374\LVGENHLVK	127	>ABL1-N374\LVGEYHLVK	69	58
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>ABL1-N374\CLVGENHLVK	147	>ABL1-N374\CLVGEYHLVK	148	1
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>ABL1-N374\CLVGENHLVK	41	>ABL1-N374\CLVGEYHLVK	30	11
>ABL1-N374\CLVGENHLV	245	>ABL1-N374\CLVGEYHLV	115	130
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>ABL1-N374\CLVGENHL	700	>ABL1-N374\CLVGEYHL	139	561
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>ABL1-N374\CLVGENHLVK	12	>ABL1-N374\CLVGEYHLVK	12	0
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>ABL1-N374\CLVGENHL	1742	>ABL1-N374\CLVGEYHL	434	1308
>ABL1-N374\CLVGENHLV	55	>ABL1-N374\CLVGEYHLV	29	26
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>ABL1-N374\CLVGENHLV	20	>ABL1-N374\CLVGEYHLV	20	0
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>ABL1-N374\CLVGENHLVK	3	>ABL1-N374\CLVGEYHLVK	3	0
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>ABL1-N374\ARNCLVGEN	14991	>ABL1-N374\ARNCLVGEY	285	14706
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>ABL1-N374\ARNCLVGENI	159	>ABL1-N374\ARNCLVGEY†	248	89
>ABL1-N374\AARNCLVGE†	3389	>ABL1-N374\AARNCLVGE\	470	2919
>ABL1-N374\AARNCLVGE†	29051	>ABL1-N374\AARNCLVGE\	249	28802
>ABL1-N374\AARNCLVGE†	18673	>ABL1-N374\AARNCLVGE\	164	18509
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>ABL1-P480L PSDRPSFAEI	9635	>ABL1-P480L LSDRPSFAEI	201	9434
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>ABL1-P480L NPSDRPSFA	23744	>ABL1-P480L NLSDRPSFA	465	23279
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>ABL1-P480L NPSDRPSFAE	14737	>ABL1-P480L NLSDRPSFAE	8	14729
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>ABL1-P480L NPSDRPSFA	22818	>ABL1-P480L NLSDRPSFA	272	22546
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>ABL1-P480L NPSDRPSFA	25826	>ABL1-P480L NLSDRPSFA	347	25479
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>ABL1-P480L NPSDRPSFAE	22945	>ABL1-P480L NLSDRPSFAE	71	22874
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>ABL1-P480L NPSDRPSF	68	>ABL1-P480L NLSDRPSF	18080	18012
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>ABL1-P480L NPSDRPSF	61	>ABL1-P480L NLSDRPSF	3867	3806
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>ABL1-P480L NPSDRPSF	151	>ABL1-P480L NLSDRPSF	28277	28126
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>ABL1-P480L ELMRACWQ\	20778	>ABL1-P480L ELMRACWQ\	67	20711
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>ABL1-P480L ELMRACWQ\	14489	>ABL1-P480L ELMRACWQ\	168	14321
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>ABL1-P480L ELMRACWQ\	8290	>ABL1-P480L ELMRACWQ\	4	8286
>ABL1-P480L ELMRACWQ\	8092	>ABL1-P480L ELMRACWQ\	6	8086
>ABL1-P480L ELMRACWQ\	9956	>ABL1-P480L ELMRACWQ\	69	9887
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>ABL1-P480L ELMRACWQ\	12343	>ABL1-P480L ELMRACWQ\	301	12042
>ABL1-P480L WNPSDRPSF	363	>ABL1-P480L WNLSDRPSF	23	340
>ABL1-P480L QWNPSDRPS	56	>ABL1-P480L QWNLSDRPS	39	17
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>ABL1-P480L WQWNPSDR	139	>ABL1-P480L WQWNLSDR	106	33
>ABL1-P480L WQWNPSDR	56	>ABL1-P480L WQWNLSDR	52	4
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>ABL1-P480L WQWNPSDR	381	>ABL1-P480L WQWNLSDR	291	90
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>ABL1-P480L CWQWNPSD	207	>ABL1-P480L CWQWNLSD	220	13
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>ABL1-P480L ACWQWNPS	750	>ABL1-P480L ACWQWNLSI	367	383

>ABL1-P480L ACWQWNPS	318	>ABL1-P480L ACWQWNLSI	369	51
>ABL1-P480L RACWQWNP	49	>ABL1-P480L RACWQWNL	30	19
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>ABL1-P480L MRACWQWF	17607	>ABL1-P480L MRACWQWF	243	17364
>ABL1-P480L MRACWQWF	4158	>ABL1-P480L MRACWQWF	213	3945
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>ABL1-R047C AARWNSKEN	43	>ABL1-R047C AAGWNSKEN	1335	1292
>ABL1-R047C AARWNSKEN	208	>ABL1-R047C AAGWNSKEN	3033	2825
>ABL1-R047C EAARWNSK	10	>ABL1-R047C EAAGWNSK	9	1
>ABL1-R047C EAARWNSKE	33	>ABL1-R047C EAAGWNSKE	18	15
>ABL1-R047C EAARWNSKE	71	>ABL1-R047C EAAGWNSKE	54	17
>ABL1-R047C SEAARWNS	183	>ABL1-R047C SEAAGWNS	81	102
>ABL1-R047C SEAARWNSK	492	>ABL1-R047C SEAAGWNSK	197	295
>ABL1-R047C SEAARWNSK	698	>ABL1-R047C SEAAGWNSK	397	301
>ABL1-R047C LSEAARWNSI	314	>ABL1-R047C LSEAAGWNSI	372	58
>ABL1-R047C LSEAARWNSI	106	>ABL1-R047C LSEAAGWNSI	301	195
>ABL1-R047C GLSEAARWN	108	>ABL1-R047C GLSEAAGWN	108	0
>ABL1-R047C GLSEAARWN	360	>ABL1-R047C GLSEAAGWN	350	10
>ABL1-R047C GLSEAARW	181	>ABL1-R047C GLSEAAGW	221	40
>ABL1-R047C QGLSEAARW	128	>ABL1-R047C QGLSEAAGW	132	4
>ABL1-R047C QGLSEAARW	378	>ABL1-R047C QGLSEAAGW	843	465
>ABL1-R047C QGLSEAAR	490	>ABL1-R047C QGLSEAAG	36579	36089
>ABL1-R047C EPQGLSEAAR	33	>ABL1-R047C EPQGLSEAAC	57	24
>ABL1-R047C EPQGLSEAAR	25	>ABL1-R047C EPQGLSEAAC	50	25
>ABL1-R166K RYEGRVYHYF	85	>ABL1-R166K KYEGRVYHYF	62	23
>ABL1-R166K RYEGRVYHYF	51	>ABL1-R166K KYEGRVYHYF	62	11
>ABL1-R166K RYEGRVYHY	209	>ABL1-R166K KYEGRVYHY	1035	826
>ABL1-R166K RYEGRVYHYF	214	>ABL1-R166K KYEGRVYHYF	761	547
>ABL1-R166K RYEGRVYHYF	15	>ABL1-R166K KYEGRVYHYF	47	32
>ABL1-R166K RYEGRVYHY	273	>ABL1-R166K KYEGRVYHY	237	36
>ABL1-R166K RYEGRVYHY	205	>ABL1-R166K KYEGRVYHY	108	97
>ABL1-R166K RYEGRVYHYF	7	>ABL1-R166K KYEGRVYHYF	7	0
>ABL1-R166K RYEGRVYHYF	238	>ABL1-R166K KYEGRVYHYF	208	30
>ABL1-R166K RYEGRVYHYF	148	>ABL1-R166K KYEGRVYHYF	195	47
>ABL1-R166K RYEGRVYHY	59	>ABL1-R166K KYEGRVYHY	71	12
>ABL1-R166K RYEGRVYHY	19	>ABL1-R166K KYEGRVYHY	20	1
>ABL1-R166K RYEGRVYHYF	107	>ABL1-R166K KYEGRVYHYF	99	8
>ABL1-R166K RYEGRVYHY	535	>ABL1-R166K KYEGRVYHY	355	180
>ABL1-R166K RYEGRVYHYF	9	>ABL1-R166K KYEGRVYHYF	8	1

>ABL1-R166K LRYEGRVYHY	346	>ABL1-R166K LKYEGRVYHY	176	170
>ABL1-R166K LRYEGRVYHY	336	>ABL1-R166K LKYEGRVYHY	139	197
>ABL1-R166K LRYEGRVYHY	587	>ABL1-R166K LKYEGRVYHY	402	185
>ABL1-R166K LRYEGRVYHY	229	>ABL1-R166K LKYEGRVYHY	123	106
>ABL1-R166K LRYEGRVYHY	1462	>ABL1-R166K LKYEGRVYHY	442	1020
>ABL1-R166K LRYEGRVY	545	>ABL1-R166K LKYEGRVY	446	99
>ABL1-R166K LRYEGRVY	20	>ABL1-R166K LKYEGRVY	4	16
>ABL1-R166K LRYEGRVYH	364	>ABL1-R166K LKYEGRVYH	73	291
>ABL1-R166K LRYEGRVYHY	27	>ABL1-R166K LKYEGRVYHY	4	23
>ABL1-R166K LRYEGRVYHY	606	>ABL1-R166K LKYEGRVYHY	110	496
>ABL1-R166K LRYEGRVY	175	>ABL1-R166K LKYEGRVY	9136	8961
>ABL1-R166K LRYEGRVYH	190	>ABL1-R166K LKYEGRVYH	8641	8451
>ABL1-R166K LRYEGRVYHY	31	>ABL1-R166K LKYEGRVYHY	2811	2780
>ABL1-R166K LRYEGRVYHY	63	>ABL1-R166K LKYEGRVYHY	5041	4978
>ABL1-R166K LRYEGRVYH	416	>ABL1-R166K LKYEGRVYH	6689	6273
>ABL1-R166K LRYEGRVYHY	102	>ABL1-R166K LKYEGRVYHY	140	38
>ABL1-R166K SSPGQRSISLF	1464	>ABL1-R166K SSPGQRSISLK	55	1409
>ABL1-R166K SSPGQRSISLF	11408	>ABL1-R166K SSPGQRSISLK	489	10919
>ABL1-R166K SSPGQRSISLF	370	>ABL1-R166K SSPGQRSISLK	5114	4744
>ABL1-R166K SSPGQRSISLF	121	>ABL1-R166K SSPGQRSISLK	460	339
>ABL1-R166K SLRYEGRV	961	>ABL1-R166K SLKYEGRV	436	525
>ABL1-R166K SLRYEGRV	77	>ABL1-R166K SLKYEGRV	33	44
>ABL1-R166K SLRYEGRV	144	>ABL1-R166K SLKYEGRV	308	164
>ABL1-R166K SLRYEGRV	478	>ABL1-R166K SLKYEGRV	1122	644
>ABL1-R166K SLRYEGRV	12	>ABL1-R166K SLKYEGRV	15	3
>ABL1-R166K SLRYEGRVYH	93	>ABL1-R166K SLKYEGRVYH	160	67
>ABL1-R166K SLRYEGRVY	259	>ABL1-R166K SLKYEGRVY	142	117
>ABL1-R166K SLRYEGRVYH	100	>ABL1-R166K SLKYEGRVYH	61	39
>ABL1-R166K SLRYEGRVYH	92	>ABL1-R166K SLKYEGRVYH	85	7
>ABL1-R166K SLRYEGRVY	52	>ABL1-R166K SLKYEGRVY	52	0
>ABL1-R166K SLRYEGRVYH	42	>ABL1-R166K SLKYEGRVYH	41	1
>ABL1-R166K SLRYEGRVY	50	>ABL1-R166K SLKYEGRVY	74	24
>ABL1-R166K SLRYEGRVYH	192	>ABL1-R166K SLKYEGRVYH	296	104
>ABL1-R166K SLRYEGRVY	84	>ABL1-R166K SLKYEGRVY	162	78
>ABL1-R166K SLRYEGRVYH	159	>ABL1-R166K SLKYEGRVYH	343	184
>ABL1-R166K SLRYEGRVY	330	>ABL1-R166K SLKYEGRVY	823	493
>ABL1-R166K ISLRYEGR	458	>ABL1-R166K ISLKYEGR	958	500
>ABL1-R166K ISLRYEGRV	77	>ABL1-R166K ISLKYEGRV	136	59
>ABL1-R166K ISLRYEGRVY	172	>ABL1-R166K ISLKYEGRVY	146	26
>ABL1-R166K ISLRYEGRVY	91	>ABL1-R166K ISLKYEGRVY	87	4
>ABL1-R166K ISLRYEGR	69	>ABL1-R166K ISLKYEGR	116	47
>ABL1-R166K ISLRYEGR	311	>ABL1-R166K ISLKYEGR	293	18
>ABL1-R166K ISLRYEGRVY	68	>ABL1-R166K ISLKYEGRVY	66	2



>ABL1-R166K ISLRYEGRVY	9	>ABL1-R166K ISLKYEGRVY	7	2
>ABL1-R166K ISLRYEGRVY	168	>ABL1-R166K ISLKYEGRVY	252	84
>ABL1-R166K ISLRYEGRV	691	>ABL1-R166K ISLKYEGRV	459	232
>ABL1-R166K ISLRYEGRVY	486	>ABL1-R166K ISLKYEGRVY	1613	1127
>ABL1-R166K SISLRYEGRV	553	>ABL1-R166K SISLKYEGRV	463	90
>ABL1-R166K SISLRYEGRV	61	>ABL1-R166K SISLKYEGRV	80	19
>ABL1-R166K SISLRYEGR	164	>ABL1-R166K SISLKYEGR	266	102
>ABL1-R166K SISLRYEGR	157	>ABL1-R166K SISLKYEGR	247	90
>ABL1-R166K SISLRYEGRVY	339	>ABL1-R166K SISLKYEGRVY	465	126
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>ABL1-R166K RSISLRYEGR	160	>ABL1-R166K RSISLKYEGR	182	22
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>ABL1-R166K RSISLRYEGR	35	>ABL1-R166K RSISLKYEGR	63	28
>ABL1-R166K RSISLRYEGRV	214	>ABL1-R166K RSISLKYEGRV	194	20
>ABL1-R166K RSISLRYEGRV	342	>ABL1-R166K RSISLKYEGRV	325	17
>ABL1-R166K RSISLRYEGR	184	>ABL1-R166K RSISLKYEGR	187	3
>ABL1-R166K QRSISLRY	406	>ABL1-R166K QRSISLKY	254	152
>ABL1-R166K GQRSISLR	3395	>ABL1-R166K GQRSISLK	141	3254
>ABL1-R166K GQRSISLR	8303	>ABL1-R166K GQRSISLK	412	7891
>ABL1-R166K GQRSISLRY	63	>ABL1-R166K GQRSISLKY	70	7
>ABL1-R166K GQRSISLR	2371	>ABL1-R166K GQRSISLK	22	2349
>ABL1-R166K GQRSISLRY	179	>ABL1-R166K GQRSISLKY	185	6
>ABL1-R166K GQRSISLR	27	>ABL1-R166K GQRSISLK	561	534
>ABL1-R166K GQRSISLRY	280	>ABL1-R166K GQRSISLKY	683	403
>ABL1-R166K GQRSISLRY	45	>ABL1-R166K GQRSISLKY	61	16
>ABL1-R166K GQRSISLRY	411	>ABL1-R166K GQRSISLKY	270	141
>ABL1-R166K GQRSISLRY	23	>ABL1-R166K GQRSISLKY	14	9
>ABL1-R166K GQRSISLRY	104	>ABL1-R166K GQRSISLKY	171	67
>ABL1-R166K SPGQRSISLRY	104	>ABL1-R166K SPGQRSISLKY	187	83
>ABL1-R166K SPGQRSISLRY	72	>ABL1-R166K SPGQRSISLKY	66	6
>ABL1-R166K SPGQRSISLRY	380	>ABL1-R166K SPGQRSISLKY	269	111
>ABL1-R328M RECNRQEVN.	928	>ABL1-R328M MECNRQEVN	196	732
>ABL1-R328M RECNRQEV	211	>ABL1-R328M MECNRQEV	703	492
>ABL1-R328M RECNRQEVN.	182	>ABL1-R328M MECNRQEVN	623	441
>ABL1-R328M RECNRQEV	405	>ABL1-R328M MECNRQEV	914	509
>ABL1-R328M RECNRQEVN.	303	>ABL1-R328M MECNRQEVN	644	341
>ABL1-R328M RECNRQEV	298	>ABL1-R328M MECNRQEV	128	170
>ABL1-R328M RECNRQEVN.	163	>ABL1-R328M MECNRQEVN	61	102
>ABL1-R328M RECNRQEVN.	25	>ABL1-R328M MECNRQEVN	51	26
>ABL1-R328M LRECNRQEV	26694	>ABL1-R328M LMECNRQEV	276	26418
>ABL1-R328M LRECNRQEV	20245	>ABL1-R328M LMECNRQEV	393	19852
>ABL1-R328M LRECNRQEV	20222	>ABL1-R328M LMECNRQEV	19	20203
>ABL1-R328M LRECNRQEV	18442	>ABL1-R328M LMECNRQEV	11	18431

>ABL1-R328M LRECNRQEV	23903	>ABL1-R328M LMECNRQEV	492	23411
>ABL1-R328M LRECNRQEV	14730	>ABL1-R328M LMECNRQEV	3	14727
>ABL1-R328M LRECNRQEV	33715	>ABL1-R328M LMECNRQEV	174	33541
>ABL1-R328M MTYGNLLDYI	15724	>ABL1-R328M MTYGNLLDYI	137	15587
>ABL1-R328M MTYGNLLDYI	19482	>ABL1-R328M MTYGNLLDYI	455	19027
>ABL1-R328M MTYGNLLDYI	6946	>ABL1-R328M MTYGNLLDYI	205	6741
>ABL1-R328M MTYGNLLDYI	16613	>ABL1-R328M MTYGNLLDYI	402	16211
>ABL1-R328M MTYGNLLDYI	14668	>ABL1-R328M MTYGNLLDYI	373	14295
>ABL1-R328M MTYGNLLDYI	265	>ABL1-R328M MTYGNLLDYI	10783	10518
>ABL1-R328M MTYGNLLDYI	21	>ABL1-R328M MTYGNLLDYI	2438	2417
>ABL1-R328M MTYGNLLDYI	14730	>ABL1-R328M MTYGNLLDYI	303	14427
>ABL1-R328M MTYGNLLDYI	14572	>ABL1-R328M MTYGNLLDYI	118	14454
>ABL1-R328M MTYGNLLDYI	720	>ABL1-R328M MTYGNLLDYI	65	655
>ABL1-R328M MTYGNLLDYI	13	>ABL1-R328M MTYGNLLDYI	3491	3478
>ABL1-R328M MTYGNLLDYI	3515	>ABL1-R328M MTYGNLLDYI	260	3255
>ABL1-R328M MTYGNLLDYI	36	>ABL1-R328M MTYGNLLDYI	8190	8154
>ABL1-R328M MTYGNLLDYI	2	>ABL1-R328M MTYGNLLDYI	253	251
>ABL1-R328M MTYGNLLDYI	2371	>ABL1-R328M MTYGNLLDYI	53	2318
>ABL1-R328M MTYGNLLDYI	12705	>ABL1-R328M MTYGNLLDYI	205	12500
>ABL1-R328M MTYGNLLDYI	2684	>ABL1-R328M MTYGNLLDYI	6	2678
>ABL1-R328M MTYGNLLDYI	13709	>ABL1-R328M MTYGNLLDYI	135	13574
>ABL1-R328M MTYGNLLDYI	10214	>ABL1-R328M MTYGNLLDYI	236	9978
>ABL1-R328M MTYGNLLDYI	14791	>ABL1-R328M MTYGNLLDYI	43	14748
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>ABL1-R328M MTYGNLLDYI	3562	>ABL1-R328M MTYGNLLDYI	24	3538
>ABL1-R328M MTYGNLLDYI	450	>ABL1-R328M MTYGNLLDYI	4508	4058
>ABL1-R328M MTYGNLLDYI	37	>ABL1-R328M MTYGNLLDYI	16192	16155
>ABL1-R328M MTYGNLLDYI	33038	>ABL1-R328M MTYGNLLDYI	344	32694
>ABL1-R328M YLRECNRQ	13019	>ABL1-R328M YLMECNRQ	315	12704
>ABL1-R328M YLRECNRQEV	269	>ABL1-R328M YLMECNRQEV	10	259
>ABL1-R328M YLRECNRQ	1652	>ABL1-R328M YLMECNRQ	25	1627
>ABL1-R328M YLRECNRQEV	55	>ABL1-R328M YLMECNRQEV	8	47
>ABL1-R328M YLRECNRQEV	52	>ABL1-R328M YLMECNRQEV	9	43
>ABL1-R328M YLRECNRQEV	1621	>ABL1-R328M YLMECNRQEV	62	1559
>ABL1-R328M YLRECNRQ	4081	>ABL1-R328M YLMECNRQ	325	3756
>ABL1-R328M YLRECNRQEV	4	>ABL1-R328M YLMECNRQEV	2	2
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>ABL1-R328M YLRECNRQEV	9	>ABL1-R328M YLMECNRQEV	2	7
>ABL1-R328M YLRECNRQEV	16	>ABL1-R328M YLMECNRQEV	6	10
>ABL1-R328M YLRECNRQEV	38	>ABL1-R328M YLMECNRQEV	2	36
>ABL1-R328M YLRECNRQ	41	>ABL1-R328M YLMECNRQ	11	30
>ABL1-R328M YLRECNRQEV	2	>ABL1-R328M YLMECNRQEV	1	1
>ABL1-R328M YLRECNRQEV	2222	>ABL1-R328M YLMECNRQEV	114	2108

>ABL1-R328MYLRECNRQEV	1929	>ABL1-R328MYLMECNRQE'	50	1879
>ABL1-R328MYLRECNRQEV	280	>ABL1-R328MYLMECNRQE'	229	51
>ABL1-R328MDYLRECNR	14	>ABL1-R328MDYLMECNR	11	3
>ABL1-R328MDYLRECNR	80	>ABL1-R328MDYLMECNR	58	22
>ABL1-R328MLLDYLREC	619	>ABL1-R328MLLDYLMEC	148	471
>ABL1-R328MLLDYLREC	933	>ABL1-R328MLLDYLMEC	147	786
>ABL1-R328MLLDYLRECNR	161	>ABL1-R328MLLDYLMECNF	201	40
>ABL1-R328MNLDDYLREC	2735	>ABL1-R328MNLDDYLMEC	125	2610
>ABL1-R328MNLDDYLREC	2014	>ABL1-R328MNLDDYLMEC	336	1678
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>ABL1-R328MNLDDYLREC	25	>ABL1-R328MNLDDYLMEC	9	16
>ABL1-R328MNLDDYLREC	210	>ABL1-R328MNLDDYLMEC	19	191
>ABL1-R328MNLDDYLREC	242	>ABL1-R328MNLDDYLMEC	38	204
>ABL1-R328MNLDDYLREC	115	>ABL1-R328MNLDDYLMEC	8	107
>ABL1-R328MNLDDYLRECN	364	>ABL1-R328MNLDDYLMECN	303	61
>ABL1-R328MNLDDYLRECN	78	>ABL1-R328MNLDDYLMECN	63	15
>ABL1-R328MNLDDYLRECN	486	>ABL1-R328MNLDDYLMECN	195	291
>ABL1-R328MNLDDYLRECN	136	>ABL1-R328MNLDDYLMECN	92	44
>ABL1-R328MYGNLLDYLR	127	>ABL1-R328MYGNLLDYLM	19291	19164
>ABL1-R328MYGNLLDYLR	161	>ABL1-R328MYGNLLDYLM	30007	29846
>ABL1-R328MYGNLLDYLR	15695	>ABL1-R328MYGNLLDYLM	155	15540
>ABL1-R328MYGNLLDYLR	54	>ABL1-R328MYGNLLDYLM	26933	26879
>ABL1-R328MTYGNLLDYLR	2379	>ABL1-R328MTYGNLLDYLM	130	2249
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>ABL1-R328MTYGNLLDYLR	480	>ABL1-R328MTYGNLLDYLM	29036	28556
>ABL1-R328MTYGNLLDYLR	433	>ABL1-R328MTYGNLLDYLM	35595	35162
>ABL1-R328MTYGNLLDYLR	17	>ABL1-R328MTYGNLLDYLM	6008	5991
>ABL1-R328MTYGNLLDYLR	6178	>ABL1-R328MTYGNLLDYLM	196	5982
>ABL1-R732\$RSVTLPRDL	17	>ABL1-R732\$SSVTLPRDL	567	550
>ABL1-R732\$WRSVTLPR	5151	>ABL1-R732\$WSSVTLPR	135	5016
>ABL1-R732\$WRSVTLPRDI	26555	>ABL1-R732\$WSSVTLPRDI	233	26322
>ABL1-R732\$WRSVTLPR	110	>ABL1-R732\$WSSVTLPR	13930	13820
>ABL1-R732\$WRSVTLPRDI	38	>ABL1-R732\$WSSVTLPRDI	16808	16770
>ABL1-R732\$WRSVTLPRDI	446	>ABL1-R732\$WSSVTLPRDI	7829	7383
>ABL1-R732\$WRSVTLPRDI	5248	>ABL1-R732\$WSSVTLPRDI	50	5198
>ABL1-R732\$WRSVTLPRDI	112	>ABL1-R732\$WSSVTLPRDI	14030	13918
>ABL1-R732\$WRSVTLPRDI	67	>ABL1-R732\$WSSVTLPRDI	10518	10451
>ABL1-R732\$WRSVTLPR	454	>ABL1-R732\$WSSVTLPR	722	268
>ABL1-R732\$EWRVTLPR	471	>ABL1-R732\$EWSSVTLPR	1499	1028
>ABL1-R732\$EWRVTLPR	85	>ABL1-R732\$EWSSVTLPR	246	161
>ABL1-R732\$EWRVTLPR	613	>ABL1-R732\$EWSSVTLPR	90	523
>ABL1-R732\$EWRVTLPR	15	>ABL1-R732\$EWSSVTLPR	12	3
>ABL1-R732\$EWRVTLPRC	387	>ABL1-R732\$EWSSVTLPRC	303	84

>ABL1-R732S TEWRSVTL	52	>ABL1-R732S TEWSSVTL	63	11
>ABL1-R732S TEWRSVTL	562	>ABL1-R732S TEWSSVTL	240	322
>ABL1-R732S TEWRSVTL	177	>ABL1-R732S TEWSSVTL	98	79
>ABL1-R732S TEWRSVTL	862	>ABL1-R732S TEWSSVTL	205	657
>ABL1-R732S TEWRSVTL	98	>ABL1-R732S TEWSSVTL	40	58
>ABL1-R732S TEWRSVTL	151	>ABL1-R732S TEWSSVTL	133	18
>ABL1-R732S TEWRSVTLPR	501	>ABL1-R732S TEWSSVTLPR	362	139
>ABL1-R732S TEWRSVTL	944	>ABL1-R732S TEWSSVTL	465	479
>ABL1-R732S TEWRSVTLPR	82	>ABL1-R732S TEWSSVTLPR	63	19
>ABL1-R732S DTEWRSVTL	317	>ABL1-R732S DTEWSSVTL	515	198
>ABL1-R732S DTEWRSVTLF	19	>ABL1-R732S DTEWSSVTLF	35	16
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>ABL1-R732S DTEWRSVTL	477	>ABL1-R732S DTEWSSVTL	117	360
>ABL1-R732S DTEWRSVTLF	481	>ABL1-R732S DTEWSSVTLF	656	175
>ABL1-R732S KDTEWRSV	660	>ABL1-R732S KDTEWSSV	229	431
>ABL1-R732S KDTEWRSVTI	1124	>ABL1-R732S KDTEWSSVTI	435	689
>ABL1-R732S AKDTEWRSV	1034	>ABL1-R732S AKDTEWSSV	357	677
>ABL1-R732S AKDTEWRSV	175	>ABL1-R732S AKDTEWSSV	70	105
>ABL1-R732S GAKDTEWRS	1153	>ABL1-R732S GAKDTEWSS	355	798
>ABL1-R732S GAKDTEWRS	673	>ABL1-R732S GAKDTEWSS	159	514
>ABL1-R732S GAKDTEWR	171	>ABL1-R732S GAKDTEWS	21076	20905
>ABL1-R732S GAKDTEWR	359	>ABL1-R732S GAKDTEWS	32477	32118
>ABL1-R732S HGAKDTEWR	140	>ABL1-R732S HGAKDTEWS	27667	27527
>ABL1-R732S HGAKDTEWR	1749	>ABL1-R732S HGAKDTEWS	471	1278
>ABL1-R732S HGAKDTEWR	132	>ABL1-R732S HGAKDTEWS	32057	31925
>ABL1-S417Y SIKSDVWAF	182	>ABL1-S417Y YIKSDVWAF	31	151
>ABL1-S417Y SIKSDVWA	3020	>ABL1-S417Y YIKSDVWA	481	2539
>ABL1-S417Y SIKSDVWAF	167	>ABL1-S417Y YIKSDVWAF	28	139
>ABL1-S417Y SIKSDVWA	350	>ABL1-S417Y YIKSDVWA	45	305
>ABL1-S417Y SIKSDVWAF	13	>ABL1-S417Y YIKSDVWAF	4	9
>ABL1-S417Y SIKSDVWAF	1578	>ABL1-S417Y YIKSDVWAF	134	1444
>ABL1-S417Y SIKSDVWAF	23	>ABL1-S417Y YIKSDVWAF	7	16
>ABL1-S417Y SIKSDVWAF	25	>ABL1-S417Y YIKSDVWAF	5	20
>ABL1-S417Y SIKSDVWAF	68	>ABL1-S417Y YIKSDVWAF	9	59
>ABL1-S417Y SIKSDVWAF	52	>ABL1-S417Y YIKSDVWAF	20	32
>ABL1-S417Y SIKSDVWAF	312	>ABL1-S417Y YIKSDVWAF	6	306
>ABL1-S417Y SIKSDVWA	867	>ABL1-S417Y YIKSDVWA	70	797
>ABL1-S417Y SIKSDVWAF	4	>ABL1-S417Y YIKSDVWAF	2	2
>ABL1-S417Y SIKSDVWAF	1516	>ABL1-S417Y YIKSDVWAF	254	1262
>ABL1-S417Y SIKSDVWAF	38	>ABL1-S417Y YIKSDVWAF	24	14
>ABL1-S417Y SIKSDVWAF	444	>ABL1-S417Y YIKSDVWAF	250	194
>ABL1-S417Y SIKSDVWAF	93	>ABL1-S417Y YIKSDVWAF	34	59

>ABL1-S417Y SIKSDVWAF	652	>ABL1-S417Y YIKSDVWAF	236	416
>ABL1-S417Y SIKSDVWAF	107	>ABL1-S417Y YIKSDVWAF	52	55
>ABL1-S417Y SIKSDVWAF	1804	>ABL1-S417Y YIKSDVWAF	421	1383
>ABL1-S417Y SIKSDVWAF	69	>ABL1-S417Y YIKSDVWAF	12	57
>ABL1-S417Y SIKSDVWAF	3970	>ABL1-S417Y YIKSDVWAF	378	3592
>ABL1-S417Y FSIKSDVW	7438	>ABL1-S417Y FYIKSDVW	64	7374
>ABL1-S417Y FSIKSDVWAF	1744	>ABL1-S417Y FYIKSDVWAF	12	1732
>ABL1-S417Y FSIKSDVW	14085	>ABL1-S417Y FYIKSDVW	443	13642
>ABL1-S417Y FSIKSDVWAF	3155	>ABL1-S417Y FYIKSDVWAF	39	3116
>ABL1-S417Y FSIKSDVW	10437	>ABL1-S417Y FYIKSDVW	9	10428
>ABL1-S417Y FSIKSDVWA	23082	>ABL1-S417Y FYIKSDVWA	462	22620
>ABL1-S417Y FSIKSDVWAF	196	>ABL1-S417Y FYIKSDVWAF	4	192
>ABL1-S417Y FSIKSDVWAF	25	>ABL1-S417Y FYIKSDVWAF	130	105
>ABL1-S417Y FSIKSDVWAF	352	>ABL1-S417Y FYIKSDVWAF	43	309
>ABL1-S417Y FSIKSDVWA	485	>ABL1-S417Y FYIKSDVWA	8284	7799
>ABL1-S417Y FSIKSDVWAF	63	>ABL1-S417Y FYIKSDVWAF	2791	2728
>ABL1-S417Y FSIKSDVWAF	6	>ABL1-S417Y FYIKSDVWAF	37	31
>ABL1-S417Y FSIKSDVW	6	>ABL1-S417Y FYIKSDVW	3166	3160
>ABL1-S417Y FSIKSDVWAF	6	>ABL1-S417Y FYIKSDVWAF	14169	14163
>ABL1-S417Y FSIKSDVWAF	301	>ABL1-S417Y FYIKSDVWAF	3518	3217
>ABL1-S417Y FSIKSDVW	208	>ABL1-S417Y FYIKSDVW	1223	1015
>ABL1-S417Y FSIKSDVW	76	>ABL1-S417Y FYIKSDVW	17045	16969
>ABL1-S417Y FSIKSDVW	10	>ABL1-S417Y FYIKSDVW	1559	1549
>ABL1-S417Y FSIKSDVWAF	35	>ABL1-S417Y FYIKSDVWAF	12624	12589
>ABL1-S417Y FSIKSDVW	166	>ABL1-S417Y FYIKSDVW	15167	15001
>ABL1-S417Y FSIKSDVW	34	>ABL1-S417Y FYIKSDVW	96	62
>ABL1-S417Y FSIKSDVWAF	382	>ABL1-S417Y FYIKSDVWAF	1205	823
>ABL1-S417Y FSIKSDVW	179	>ABL1-S417Y FYIKSDVW	722	543
>ABL1-S417Y APESLAYNKF:	13117	>ABL1-S417Y APESLAYNKF'	282	12835
>ABL1-S417Y APESLAYNKF:	22885	>ABL1-S417Y APESLAYNKF'	494	22391
>ABL1-S417Y APESLAYNKF:	23649	>ABL1-S417Y APESLAYNKF'	80	23569
>ABL1-S417Y APESLAYNKF:	19129	>ABL1-S417Y APESLAYNKF'	469	18660
>ABL1-S417Y KFSIKSDVWA	304	>ABL1-S417Y KFYIKSDVWA	42	262
>ABL1-S417Y KFSIKSDVWA	346	>ABL1-S417Y KFYIKSDVWA	276	70
>ABL1-S417Y KFSIKSDVW	599	>ABL1-S417Y KFYIKSDVW	383	216
>ABL1-S417Y KFSIKSDVWA	16	>ABL1-S417Y KFYIKSDVWA	14	2
>ABL1-S417Y KFSIKSDVWA	878	>ABL1-S417Y KFYIKSDVWA	88	790
>ABL1-S417Y KFSIKSDVWA	1366	>ABL1-S417Y KFYIKSDVWA	307	1059
>ABL1-S417Y KFSIKSDVW	145	>ABL1-S417Y KFYIKSDVW	85	60
>ABL1-S417Y KFSIKSDV	401	>ABL1-S417Y KFYIKSDV	371	30
>ABL1-S417Y KFSIKSDVWA	942	>ABL1-S417Y KFYIKSDVWA	160	782
>ABL1-S417Y KFSIKSDVWA	183	>ABL1-S417Y KFYIKSDVWA	188	5
>ABL1-S417Y NKFSIKSDV	159	>ABL1-S417Y NKFYIKSDV	186	27

>ABL1-S417Y NKFSIKSDVW	443	>ABL1-S417Y NKFYIKSDVW	516	73
>ABL1-S417Y AYNKFSIKSD\	431	>ABL1-S417Y AYNKFYIKSD\	566	135
>ABL1-S417Y AYNKFSIK	226	>ABL1-S417Y AYNKFYIK	88	138
>ABL1-S417Y AYNKFSIK	24	>ABL1-S417Y AYNKFYIK	24	0
>ABL1-S417Y AYNKFSIK	232	>ABL1-S417Y AYNKFYIK	42	190
>ABL1-S417Y AYNKFSIK	616	>ABL1-S417Y AYNKFYIK	209	407
>ABL1-S417Y AYNKFSIK	1255	>ABL1-S417Y AYNKFYIK	156	1099
>ABL1-S417Y LAYNKFSI	147	>ABL1-S417Y LAYNKFYI	51	96
>ABL1-S417Y LAYNKFSI	298	>ABL1-S417Y LAYNKFYI	46	252
>ABL1-S417Y LAYNKFSIK	62	>ABL1-S417Y LAYNKFYIK	121	59
>ABL1-S417Y LAYNKFSIK	56	>ABL1-S417Y LAYNKFYIK	20	36
>ABL1-S417Y LAYNKFSIK	267	>ABL1-S417Y LAYNKFYIK	30	237
>ABL1-S417Y LAYNKFSIK	107	>ABL1-S417Y LAYNKFYIK	65	42
>ABL1-S417Y LAYNKFSI	1421	>ABL1-S417Y LAYNKFYI	381	1040
>ABL1-S417Y LAYNKFSI	1191	>ABL1-S417Y LAYNKFYI	407	784
>ABL1-S417Y LAYNKFSI	435	>ABL1-S417Y LAYNKFYI	1335	900
>ABL1-S417Y LAYNKFSI	363	>ABL1-S417Y LAYNKFYI	895	532
>ABL1-S417Y LAYNKFSI	229	>ABL1-S417Y LAYNKFYI	464	235
>ABL1-S417Y LAYNKFSI	375	>ABL1-S417Y LAYNKFYI	393	18
>ABL1-S417Y LAYNKFSI	357	>ABL1-S417Y LAYNKFYI	224	133
>ABL1-S417Y LAYNKFSI	927	>ABL1-S417Y LAYNKFYI	300	627
>ABL1-S417Y LAYNKFSIK	651	>ABL1-S417Y LAYNKFYIK	181	470
>ABL1-S417Y LAYNKFSI	21	>ABL1-S417Y LAYNKFYI	32	11
>ABL1-S417Y SLAYNKFSI	4376	>ABL1-S417Y SLAYNKFYI	408	3968
>ABL1-S417Y SLAYNKFSI	71	>ABL1-S417Y SLAYNKFYI	28	43
>ABL1-S417Y SLAYNKFSI	20	>ABL1-S417Y SLAYNKFYI	7	13
>ABL1-S417Y SLAYNKFSI	89	>ABL1-S417Y SLAYNKFYI	91	2
>ABL1-S417Y SLAYNKFSI	382	>ABL1-S417Y SLAYNKFYI	165	217
>ABL1-S417Y SLAYNKFSI	25	>ABL1-S417Y SLAYNKFYI	6	19
>ABL1-S417Y SLAYNKFSI	21	>ABL1-S417Y SLAYNKFYI	10	11
>ABL1-S417Y SLAYNKFSI	27	>ABL1-S417Y SLAYNKFYI	11	16
>ABL1-S417Y SLAYNKFSI	135	>ABL1-S417Y SLAYNKFYI	29	106
>ABL1-S417Y SLAYNKFSI	9	>ABL1-S417Y SLAYNKFYI	9	0
>ABL1-S417Y SLAYNKFSIK	17	>ABL1-S417Y SLAYNKFYIK	22	5
>ABL1-S417Y SLAYNKFSIK	41	>ABL1-S417Y SLAYNKFYIK	17	24
>ABL1-S417Y SLAYNKFS	18861	>ABL1-S417Y SLAYNKFY	37	18824
>ABL1-S417Y SLAYNKFS	14729	>ABL1-S417Y SLAYNKFY	26	14703
>ABL1-S417Y SLAYNKFSI	134	>ABL1-S417Y SLAYNKFYI	1939	1805
>ABL1-S417Y SLAYNKFSIK	660	>ABL1-S417Y SLAYNKFYIK	359	301
>ABL1-S417Y SLAYNKFSI	196	>ABL1-S417Y SLAYNKFYI	49	147
>ABL1-S417Y SLAYNKFSI	1018	>ABL1-S417Y SLAYNKFYI	281	737
>ABL1-S417Y SLAYNKFS	23137	>ABL1-S417Y SLAYNKFY	64	23073
>ABL1-S417Y SLAYNKFS	17076	>ABL1-S417Y SLAYNKFY	251	16825

>ABL1-S417Y SLAYNKFS	21475	>ABL1-S417Y SLAYNKFY	145	21330
>ABL1-S417Y SLAYNKFS	32224	>ABL1-S417Y SLAYNKFY	362	31862
>ABL1-S417Y SLAYNKFSIK	1158	>ABL1-S417Y SLAYNKFYIK	425	733
>ABL1-S417Y SLAYNKFSIK	815	>ABL1-S417Y SLAYNKFYIK	240	575
>ABL1-S417Y ESLAYNKFSIK	320	>ABL1-S417Y ESLAYNKFYIK	148	172
>ABL1-S417Y ESLAYNKFS	11886	>ABL1-S417Y ESLAYNKFY	13	11873
>ABL1-S417Y ESLAYNKFS	20348	>ABL1-S417Y ESLAYNKFY	58	20290
>ABL1-S417Y ESLAYNKFSIK	57	>ABL1-S417Y ESLAYNKFYIK	57	0
>ABL1-S417Y ESLAYNKFSI	156	>ABL1-S417Y ESLAYNKFYI	60	96
>ABL1-S417Y ESLAYNKFSI	33	>ABL1-S417Y ESLAYNKFYI	19	14
>ABL1-S417Y ESLAYNKFS	18896	>ABL1-S417Y ESLAYNKFY	425	18471
>ABL1-S417Y ESLAYNKFS	12284	>ABL1-S417Y ESLAYNKFY	16	12268
>ABL1-S417Y ESLAYNKFSIK	738	>ABL1-S417Y ESLAYNKFYIK	346	392
>ABL1-S417Y ESLAYNKFSI	281	>ABL1-S417Y ESLAYNKFYI	826	545
>ABL1-S417Y PESLAYNKFSI	43	>ABL1-S417Y PESLAYNKFYI	32	11
>ABL1-S417Y PESLAYNKFSI	249	>ABL1-S417Y PESLAYNKFYI	321	72
>ABL1-T315I·TEFMTYGNL	491	>ABL1-T315I·IEFMTYGNL	233	258
>ABL1-T315I·TEFMTYGNL	36	>ABL1-T315I·IEFMTYGNL	27	9
>ABL1-T315I·TEFMTYGNLI	13	>ABL1-T315I·IEFMTYGNLI	13	0
>ABL1-T315I·TEFMTYGNL	1780	>ABL1-T315I·IEFMTYGNL	306	1474
>ABL1-T315I·TEFMTYGNLI	1122	>ABL1-T315I·IEFMTYGNLI	168	954
>ABL1-T315I·TEFMTYGNL	378	>ABL1-T315I·IEFMTYGNL	216	162
>ABL1-T315I·TEFMTYGNLI	396	>ABL1-T315I·IEFMTYGNLI	4155	3759
>ABL1-T315I·TEFMTYGNL	13	>ABL1-T315I·IEFMTYGNL	11	2
>ABL1-T315I·TEFMTYGNLI	202	>ABL1-T315I·IEFMTYGNLI	131	71
>ABL1-T315I·TEFMTYGNL	103	>ABL1-T315I·IEFMTYGNL	164	61
>ABL1-T315I·TEFMTYGNLI	278	>ABL1-T315I·IEFMTYGNLI	255	23
>ABL1-T315I·TEFMTYGNLI	381	>ABL1-T315I·IEFMTYGNLI	522	141
>ABL1-T315I·TEFMTYGNL	120	>ABL1-T315I·IEFMTYGNL	42	78
>ABL1-T315I·TEFMTYGNLI	11	>ABL1-T315I·IEFMTYGNLI	14	3
>ABL1-T315I·ITEFMTYGNL	616	>ABL1-T315I·IIEFMTYGNLI	152	464
>ABL1-T315I·ITEFMTYGNL	434	>ABL1-T315I·IIEFMTYGNL	2946	2512
>ABL1-T315I·ITEFMTYGNL	458	>ABL1-T315I·IIEFMTYGNL	2745	2287
>ABL1-T315I·ITEFMTYGNL	54	>ABL1-T315I·IIEFMTYGNL	11105	11051
>ABL1-T315I·ITEFMTYGNL	175	>ABL1-T315I·IIEFMTYGNLI	13180	13005
>ABL1-T315I·ITEFMTYGNL	324	>ABL1-T315I·IIEFMTYGNL	14621	14297
>ABL1-T315I·ITEFMTYGNL	31	>ABL1-T315I·IIEFMTYGNLI	3466	3435
>ABL1-T315I·ITEFMTYGNL	257	>ABL1-T315I·IIEFMTYGNL	11904	11647
>ABL1-T315I·ITEFMTYGNL	31	>ABL1-T315I·IIEFMTYGNLI	1286	1255
>ABL1-T315I·CTREPPFYIIT	363	>ABL1-T315I·CTREPPFYIII	19	344
>ABL1-T315I·CTREPPFYIIT	15171	>ABL1-T315I·CTREPPFYIII	11	15160
>ABL1-T315I·IITEFMTY	4229	>ABL1-T315I·IIIEFMTY	452	3777
>ABL1-T315I·IITEFMTYGNL	144	>ABL1-T315I·IIIEFMTYGNL	33	111

>ABL1-T315I·IITEFMTYGNI	997	>ABL1-T315I·IIIEFMTYGNI	260	737
>ABL1-T315I·IITEFMTYG	869	>ABL1-T315I·IIIEFMTYG	323	546
>ABL1-T315I·IITEFMTYGNI	118	>ABL1-T315I·IIIEFMTYGNI	66	52
>ABL1-T315I·IITEFMTYGNI	138	>ABL1-T315I·IIIEFMTYGNI	27	111
>ABL1-T315I·IITEFMTYG	1618	>ABL1-T315I·IIIEFMTYG	350	1268
>ABL1-T315I·IITEFMTYGNI	388	>ABL1-T315I·IIIEFMTYGNI	92	296
>ABL1-T315I·IITEFMTYGNI	366	>ABL1-T315I·IIIEFMTYGNI	110	256
>ABL1-T315I·IITEFMTYGNI	155	>ABL1-T315I·IIIEFMTYGNI	209	54
>ABL1-T315I·IITEFMTY	1364	>ABL1-T315I·IIIEFMTY	298	1066
>ABL1-T315I·IITEFMTY	633	>ABL1-T315I·IIIEFMTY	215	418
>ABL1-T315I·IITEFMTY	577	>ABL1-T315I·IIIEFMTY	40	537
>ABL1-T315I·IITEFMTYGNI	4492	>ABL1-T315I·IIIEFMTYGNI	249	4243
>ABL1-T315I·IITEFMTY	4865	>ABL1-T315I·IIIEFMTY	333	4532
>ABL1-T315I·IITEFMTY	69	>ABL1-T315I·IIIEFMTY	20	49
>ABL1-T315I·IITEFMTY	133	>ABL1-T315I·IIIEFMTY	132	1
>ABL1-T315I·IITEFMTYGNI	1266	>ABL1-T315I·IIIEFMTYGNI	331	935
>ABL1-T315I·IITEFMTY	41	>ABL1-T315I·IIIEFMTY	42	1
>ABL1-T315I·IITEFMTY	1433	>ABL1-T315I·IIIEFMTY	116	1317
>ABL1-T315I·IITEFMTY	375	>ABL1-T315I·IIIEFMTY	115	260
>ABL1-T315I·IITEFMTY	409	>ABL1-T315I·IIIEFMTY	83	326
>ABL1-T315I·IITEFMTY	401	>ABL1-T315I·IIIEFMTY	277	124
>ABL1-T315I·IITEFMTY	121	>ABL1-T315I·IIIEFMTY	48	73
>ABL1-T315I·YIITEFMT	393	>ABL1-T315I·YIIIEFMT	661	268
>ABL1-T315I·YIITEFMT	62	>ABL1-T315I·YIIIEFMT	115	53
>ABL1-T315I·YIITEFMTYG	520	>ABL1-T315I·YIIIEFMTYG	456	64
>ABL1-T315I·YIITEFMTY	74	>ABL1-T315I·YIIIEFMTY	47	27
>ABL1-T315I·YIITEFMTY	44	>ABL1-T315I·YIIIEFMTY	90	46
>ABL1-T315I·YIITEFMTY	8	>ABL1-T315I·YIIIEFMTY	70	62
>ABL1-T315I·YIITEFMTY	456	>ABL1-T315I·YIIIEFMTY	1899	1443
>ABL1-T315I·YIITEFMTY	9	>ABL1-T315I·YIIIEFMTY	8	1
>ABL1-T315I·YIITEFMTY	348	>ABL1-T315I·YIIIEFMTY	544	196
>ABL1-T315I·YIITEFMTY	16	>ABL1-T315I·YIIIEFMTY	14	2
>ABL1-T315I·YIITEFMTY	52	>ABL1-T315I·YIIIEFMTY	58	6
>ABL1-T315I·YIITEFMTY	22	>ABL1-T315I·YIIIEFMTY	72	50
>ABL1-T315I·YIITEFMTY	433	>ABL1-T315I·YIIIEFMTY	104	329
>ABL1-T315I·YIITEFMTY	91	>ABL1-T315I·YIIIEFMTY	126	35
>ABL1-T315I·YIITEFMTY	241	>ABL1-T315I·YIIIEFMTY	445	204
>ABL1-T315I·YIITEFMTY	51	>ABL1-T315I·YIIIEFMTY	53	2
>ABL1-T315I·FYIITEFM	84	>ABL1-T315I·FYIIIEFM	94	10
>ABL1-T315I·FYIITEFMTY	435	>ABL1-T315I·FYIIIEFMTY	839	404
>ABL1-T315I·FYIITEFM	412	>ABL1-T315I·FYIIIEFM	164	248
>ABL1-T315I·FYIITEFM	251	>ABL1-T315I·FYIIIEFM	219	32
>ABL1-T315I·FYIITEFM	22	>ABL1-T315I·FYIIIEFM	21	1



>ABL1-T315I·FYIITEFMT	203	>ABL1-T315I·FYIIIEFMT	153	50
>ABL1-T315I·FYIITEFMTY	32	>ABL1-T315I·FYIIIEFMTY	30	2
>ABL1-T315I·FYIITEFMTY	550	>ABL1-T315I·FYIIIEFMTY	493	57
>ABL1-T315I·FYIITEFMTY	655	>ABL1-T315I·FYIIIEFMTY	470	185
>ABL1-T315I·FYIITEFM	660	>ABL1-T315I·FYIIIEFM	456	204
>ABL1-T315I·FYIITEFMTY	23	>ABL1-T315I·FYIIIEFMTY	25	2
>ABL1-T315I·FYIITEFMTY	124	>ABL1-T315I·FYIIIEFMTY	103	21
>ABL1-T315I·FYIITEFMTY	114	>ABL1-T315I·FYIIIEFMTY	39	75
>ABL1-T315I·FYIITEFMTY	308	>ABL1-T315I·FYIIIEFMTY	767	459
>ABL1-T315I·PFYIITEF	48	>ABL1-T315I·PFYIIIEF	44	4
>ABL1-T315I·PFYIITEF	105	>ABL1-T315I·PFYIIIEF	71	34
>ABL1-T315I·PFYIITEFMTY	11	>ABL1-T315I·PFYIIIEFMTY	14	3
>ABL1-T315I·PFYIITEFMTY	339	>ABL1-T315I·PFYIIIEFMTY	994	655
>ABL1-T315I·PPFYIITEF	19	>ABL1-T315I·PPFYIIIEF	10	9
>ABL1-T315I·PPFYIITEFM	13	>ABL1-T315I·PPFYIIIEFM	8	5
>ABL1-T315I·PPFYIITEF	290	>ABL1-T315I·PPFYIIIEF	494	204
>ABL1-T315I·PPFYIITEF	110	>ABL1-T315I·PPFYIIIEF	66	44
>ABL1-T315I·PPFYIITEF	161	>ABL1-T315I·PPFYIIIEF	165	4
>ABL1-T315I·PPFYIITEF	114	>ABL1-T315I·PPFYIIIEF	102	12
>ABL1-T315I·PPFYIITEF	48	>ABL1-T315I·PPFYIIIEF	26	22
>ABL1-T315I·EPPFYIITEF	447	>ABL1-T315I·EPPFYIIIEF	285	162
>ABL1-T315I·EPPFYIITEFM	438	>ABL1-T315I·EPPFYIIIEFM	280	158
>ABL1-T315I·EPPFYIITEFM	419	>ABL1-T315I·EPPFYIIIEFM	888	469
>ABL1-T315I·EPPFYIIT	13052	>ABL1-T315I·EPPFYIII	449	12603
>ABL1-T315I·EPPFYIITEFM	513	>ABL1-T315I·EPPFYIIIEFM	231	282
>ABL1-T315I·EPPFYIITEF	399	>ABL1-T315I·EPPFYIIIEF	279	120
>ABL1-T315I·REPPFYIIT	12066	>ABL1-T315I·REPPFYIII	42	12024
>ABL1-T315I·REPPFYIITEF	117	>ABL1-T315I·REPPFYIIIEF	69	48
>ABL1-T315I·REPPFYIITEF	64	>ABL1-T315I·REPPFYIIIEF	91	27
>ABL1-T315I·REPPFYIITEF	414	>ABL1-T315I·REPPFYIIIEF	284	130
>ABL1-T315I·REPPFYIIT	4849	>ABL1-T315I·REPPFYIII	42	4807
>ABL1-T315I·REPPFYIITEF	811	>ABL1-T315I·REPPFYIIIEF	305	506
>ABL1-T315I·REPPFYIIT	399	>ABL1-T315I·REPPFYIII	231	168
>ABL1-T315I·REPPFYIITEF	176	>ABL1-T315I·REPPFYIIIEF	217	41
>ABL1-T315I·REPPFYIITEF	648	>ABL1-T315I·REPPFYIIIEF	416	232
>ABL1-T315I·REPPFYIIT	7053	>ABL1-T315I·REPPFYIII	129	6924
>ABL1-T315I·REPPFYIIT	347	>ABL1-T315I·REPPFYIII	11	336
>ABL1-T315I·REPPFYIITEF	72	>ABL1-T315I·REPPFYIIIEF	61	11
>ABL1-T315I·REPPFYIIT	35212	>ABL1-T315I·REPPFYIII	139	35073
>ABL1-T315I·TREPPFYIIT	7841	>ABL1-T315I·TREPPFYIII	432	7409
>ABL1-T315I·TREPPFYIIT	1763	>ABL1-T315I·TREPPFYIII	473	1290
>ABL1-T315I·TEPFMTYGNL	491	>ABL1-T315I·NEPFMTYGNL	2700	2209
>ABL1-T315I·TEPFMTYGNL	36	>ABL1-T315I·NEPFMTYGNL	23	13

>ABL1-T315MTEFMTYGNNL	13	>ABL1-T315MNEFMTYGNNL	10	3
>ABL1-T315MTEFMTYGN	1016	>ABL1-T315MNEFMTYGN	228	788
>ABL1-T315MTEFMTYGNL	378	>ABL1-T315MNEFMTYGNL	77	301
>ABL1-T315MTEFMTYGNNL	396	>ABL1-T315MNEFMTYGNNL	431	35
>ABL1-T315MTEFMTYGNL	13	>ABL1-T315MNEFMTYGNL	35	22
>ABL1-T315MTEFMTYGNNL	202	>ABL1-T315MNEFMTYGNNL	269	67
>ABL1-T315MTEFMTYGNL	103	>ABL1-T315MNEFMTYGNL	336	233
>ABL1-T315MTEFMTYGNNL	278	>ABL1-T315MNEFMTYGNNL	541	263
>ABL1-T315MTEFMTYGNL	625	>ABL1-T315MNEFMTYGNL	458	167
>ABL1-T315MTEFMTYGNL	799	>ABL1-T315MNEFMTYGNL	415	384
>ABL1-T315MTEFMTYGNNL	381	>ABL1-T315MNEFMTYGNNL	206	175
>ABL1-T315MTEFMTYGNL	120	>ABL1-T315MNEFMTYGNL	229	109
>ABL1-T315MTEFMTYGNNL	11	>ABL1-T315MNEFMTYGNNL	13	2
>ABL1-T315MITEFMTYGNL	434	>ABL1-T315MINEFMTYGNL	5472	5038
>ABL1-T315MITEFMTYGNL	458	>ABL1-T315MINEFMTYGNL	13457	12999
>ABL1-T315MITEFMTYGNL	54	>ABL1-T315MINEFMTYGNL	21383	21329
>ABL1-T315MITEFMTYGNL	175	>ABL1-T315MINEFMTYGNL	21964	21789
>ABL1-T315MITEFMTYGNL	324	>ABL1-T315MINEFMTYGNL	21008	20684
>ABL1-T315MITEFMTYGNL	31	>ABL1-T315MINEFMTYGNL	6370	6339
>ABL1-T315MITEFMTYGNL	257	>ABL1-T315MINEFMTYGNL	20831	20574
>ABL1-T315MITEFMTYGNL	31	>ABL1-T315MINEFMTYGNL	1316	1285
>ABL1-T315MCTREPPFYIIT	363	>ABL1-T315MCTREPPFYIIN	690	327
>ABL1-T315MIITEFMTYGNI	144	>ABL1-T315MIINEFMTYGN	150	6
>ABL1-T315MIITEFMTYG	869	>ABL1-T315MIINEFMTYG	362	507
>ABL1-T315MIITEFMTYGNI	118	>ABL1-T315MIINEFMTYGN	47	71
>ABL1-T315MIITEFMTYGNI	138	>ABL1-T315MIINEFMTYGN	23	115
>ABL1-T315MIITEFMTYGNI	388	>ABL1-T315MIINEFMTYGN	497	109
>ABL1-T315MIITEFMTYGNI	366	>ABL1-T315MIINEFMTYGN	109	257
>ABL1-T315MIITEFMTYGNI	155	>ABL1-T315MIINEFMTYGN	249	94
>ABL1-T315MIITEFMTY	1315	>ABL1-T315MIINEFMTY	274	1041
>ABL1-T315MIITEFMTY	1364	>ABL1-T315MIINEFMTY	319	1045
>ABL1-T315MIITEFMTY	69	>ABL1-T315MIINEFMTY	79	10
>ABL1-T315MIITEFMTY	133	>ABL1-T315MIINEFMTY	63	70
>ABL1-T315MIITEFMTY	41	>ABL1-T315MIINEFMTY	42	1
>ABL1-T315MIITEFMTY	1433	>ABL1-T315MIINEFMTY	141	1292
>ABL1-T315MIITEFMTY	375	>ABL1-T315MIINEFMTY	191	184
>ABL1-T315MIITEFMTY	409	>ABL1-T315MIINEFMTY	335	74
>ABL1-T315MIITEFMTY	401	>ABL1-T315MIINEFMTY	390	11
>ABL1-T315MIITEFMTY	121	>ABL1-T315MIINEFMTY	60	61
>ABL1-T315MYIITEFMT	393	>ABL1-T315MYIINEFMT	358	35
>ABL1-T315MYIITEFMT	62	>ABL1-T315MYIINEFMT	48	14
>ABL1-T315MYIITEFMTY	744	>ABL1-T315MYIINEFMTY	340	404
>ABL1-T315MYIITEFMTYG	520	>ABL1-T315MYIINEFMTYG	439	81

>ABL1-T315N <sup>M</sup> YIITEFMT	1227	>ABL1-T315N <sup>M</sup> YIINEFMT	448	779
>ABL1-T315N <sup>M</sup> YIITEFMT	1028	>ABL1-T315N <sup>M</sup> YIINEFMT	490	538
>ABL1-T315N <sup>M</sup> YIITEFMTY	623	>ABL1-T315N <sup>M</sup> YIINEFMTY	378	245
>ABL1-T315N <sup>M</sup> YIITEFMTY	74	>ABL1-T315N <sup>M</sup> YIINEFMTY	41	33
>ABL1-T315N <sup>M</sup> YIITEFMTY	44	>ABL1-T315N <sup>M</sup> YIINEFMTY	19	25
>ABL1-T315N <sup>M</sup> YIITEFMTY	8	>ABL1-T315N <sup>M</sup> YIINEFMTY	18	10
>ABL1-T315N <sup>M</sup> YIITEFMTY	456	>ABL1-T315N <sup>M</sup> YIINEFMTY	497	41
>ABL1-T315N <sup>M</sup> YIITEFMTY	9	>ABL1-T315N <sup>M</sup> YIINEFMTY	9	0
>ABL1-T315N <sup>M</sup> YIITEFMTY	556	>ABL1-T315N <sup>M</sup> YIINEFMTY	458	98
>ABL1-T315N <sup>M</sup> YIITEFMTY	348	>ABL1-T315N <sup>M</sup> YIINEFMTY	259	89
>ABL1-T315N <sup>M</sup> YIITEFMTY	16	>ABL1-T315N <sup>M</sup> YIINEFMTY	14	2
>ABL1-T315N <sup>M</sup> YIITEFMTY	52	>ABL1-T315N <sup>M</sup> YIINEFMTY	37	15
>ABL1-T315N <sup>M</sup> YIITEFMTY	696	>ABL1-T315N <sup>M</sup> YIINEFMTY	361	335
>ABL1-T315N <sup>M</sup> YIITEFMTY	22	>ABL1-T315N <sup>M</sup> YIINEFMTY	17	5
>ABL1-T315N <sup>M</sup> YIITEFMTY	433	>ABL1-T315N <sup>M</sup> YIINEFMTY	350	83
>ABL1-T315N <sup>M</sup> YIITEFMTY	91	>ABL1-T315N <sup>M</sup> YIINEFMTY	100	9
>ABL1-T315N <sup>M</sup> YIITEFMTY	241	>ABL1-T315N <sup>M</sup> YIINEFMTY	113	128
>ABL1-T315N <sup>M</sup> YIITEFMTY	51	>ABL1-T315N <sup>M</sup> YIINEFMTY	31	20
>ABL1-T315N <sup>M</sup> FYIITEFM	84	>ABL1-T315N <sup>M</sup> FYIINEFM	118	34
>ABL1-T315N <sup>M</sup> FYIITEFMTY	435	>ABL1-T315N <sup>M</sup> FYIINEFMTY	383	52
>ABL1-T315N <sup>M</sup> FYIITEFM	412	>ABL1-T315N <sup>M</sup> FYIINEFM	535	123
>ABL1-T315N <sup>M</sup> FYIITEFM	251	>ABL1-T315N <sup>M</sup> FYIINEFM	258	7
>ABL1-T315N <sup>M</sup> FYIITEFM	22	>ABL1-T315N <sup>M</sup> FYIINEFM	24	2
>ABL1-T315N <sup>M</sup> FYIITEFMT	203	>ABL1-T315N <sup>M</sup> FYIINEFMT	114	89
>ABL1-T315N <sup>M</sup> FYIITEFMTY	32	>ABL1-T315N <sup>M</sup> FYIINEFMTY	21	11
>ABL1-T315N <sup>M</sup> FYIITEFMTY	550	>ABL1-T315N <sup>M</sup> FYIINEFMTY	317	233
>ABL1-T315N <sup>M</sup> FYIITEFMTY	23	>ABL1-T315N <sup>M</sup> FYIINEFMTY	31	8
>ABL1-T315N <sup>M</sup> FYIITEFMTY	124	>ABL1-T315N <sup>M</sup> FYIINEFMTY	176	52
>ABL1-T315N <sup>M</sup> FYIITEFMTY	114	>ABL1-T315N <sup>M</sup> FYIINEFMTY	184	70
>ABL1-T315N <sup>M</sup> FYIITEFMTY	308	>ABL1-T315N <sup>M</sup> FYIINEFMTY	419	111
>ABL1-T315N <sup>M</sup> PFYIITEF	48	>ABL1-T315N <sup>M</sup> PFYIINEF	50	2
>ABL1-T315N <sup>M</sup> PFYIITEF	105	>ABL1-T315N <sup>M</sup> PFYIINEF	90	15
>ABL1-T315N <sup>M</sup> PFYIITEFMTY	11	>ABL1-T315N <sup>M</sup> PFYIINEFMTY	14	3
>ABL1-T315N <sup>M</sup> PFYIITEFMTY	339	>ABL1-T315N <sup>M</sup> PFYIINEFMTY	1027	688
>ABL1-T315N <sup>M</sup> PPFYIITEF	19	>ABL1-T315N <sup>M</sup> PPFYIINEF	42	23
>ABL1-T315N <sup>M</sup> PPFYIITEFM	13	>ABL1-T315N <sup>M</sup> PPFYIINEFM	14	1
>ABL1-T315N <sup>M</sup> PPFYIITEF	290	>ABL1-T315N <sup>M</sup> PPFYIINEF	450	160
>ABL1-T315N <sup>M</sup> PPFYIITEF	110	>ABL1-T315N <sup>M</sup> PPFYIINEF	175	65
>ABL1-T315N <sup>M</sup> PPFYIITEF	161	>ABL1-T315N <sup>M</sup> PPFYIINEF	320	159
>ABL1-T315N <sup>M</sup> PPFYIITEF	114	>ABL1-T315N <sup>M</sup> PPFYIINEF	78	36
>ABL1-T315N <sup>M</sup> PPFYIITEF	48	>ABL1-T315N <sup>M</sup> PPFYIINEF	59	11
>ABL1-T315N <sup>M</sup> EPPFYIITEF	447	>ABL1-T315N <sup>M</sup> EPPFYIINEF	425	22
>ABL1-T315N <sup>M</sup> EPPFYIITEFM	438	>ABL1-T315N <sup>M</sup> EPPFYIINEFM	653	215

>ABL1-T315M EPPFYIITEFM	419	>ABL1-T315M EPPFYIINEFM	875	456
>ABL1-T315M EPPFYIITEF	399	>ABL1-T315M EPPFYIINEF	522	123
>ABL1-T315M REPPFYIITEF	117	>ABL1-T315M REPPFYIINEF	59	58
>ABL1-T315M REPPFYIITEF	64	>ABL1-T315M REPPFYIINEF	88	24
>ABL1-T315M REPPFYIITEF	414	>ABL1-T315M REPPFYIINEF	656	242
>ABL1-T315M REPPFYIIT	399	>ABL1-T315M REPPFYIIN	5553	5154
>ABL1-T315M REPPFYIITEF	176	>ABL1-T315M REPPFYIINEF	208	32
>ABL1-T315M REPPFYIIT	347	>ABL1-T315M REPPFYIIN	3640	3293
>ABL1-T315M REPPFYIITEF	72	>ABL1-T315M REPPFYIINEF	125	53
>ABL1-T389A MTGDTYTA	439	>ABL1-T389A MAGDTYTA	1255	816
>ABL1-T389A MTGDTYTA	396	>ABL1-T389A MAGDTYTA	650	254
>ABL1-T389A MTGDTYTA	300	>ABL1-T389A MAGDTYTA	1197	897
>ABL1-T389A MTGDTYTA	47	>ABL1-T389A MAGDTYTA	487	440
>ABL1-T389A MTGDTYTAH	146	>ABL1-T389A MAGDTYTAH	1343	1197
>ABL1-T389A MTGDTYTA	234	>ABL1-T389A MAGDTYTA	1513	1279
>ABL1-T389A MTGDTYTAH	138	>ABL1-T389A MAGDTYTAH	944	806
>ABL1-T389A MTGDTYTAH	1754	>ABL1-T389A MAGDTYTAH	176	1578
>ABL1-T389A LMTGDTYT	1252	>ABL1-T389A LMAGDTYT	220	1032
>ABL1-T389A LMTGDTYTA	47	>ABL1-T389A LMAGDTYTA	18	29
>ABL1-T389A LMTGDTYTAI	98	>ABL1-T389A LMAGDTYTAI	30	68
>ABL1-T389A LMTGDTYT	164	>ABL1-T389A LMAGDTYT	19	145
>ABL1-T389A LMTGDTYTA	18	>ABL1-T389A LMAGDTYTA	5	13
>ABL1-T389A LMTGDTYTAI	20	>ABL1-T389A LMAGDTYTAI	5	15
>ABL1-T389A LMTGDTYT	524	>ABL1-T389A LMAGDTYT	45	479
>ABL1-T389A LMTGDTYTA	38	>ABL1-T389A LMAGDTYTA	7	31
>ABL1-T389A LMTGDTYTAI	19	>ABL1-T389A LMAGDTYTAI	5	14
>ABL1-T389A LMTGDTYT	729	>ABL1-T389A LMAGDTYT	227	502
>ABL1-T389A LMTGDTYTA	137	>ABL1-T389A LMAGDTYTA	51	86
>ABL1-T389A LMTGDTYTAI	69	>ABL1-T389A LMAGDTYTAI	29	40
>ABL1-T389A LMTGDTYT	148	>ABL1-T389A LMAGDTYT	53	95
>ABL1-T389A LMTGDTYTA	10	>ABL1-T389A LMAGDTYTA	5	5
>ABL1-T389A LMTGDTYTAI	31	>ABL1-T389A LMAGDTYTAI	14	17
>ABL1-T389A LMTGDTYTA	6	>ABL1-T389A LMAGDTYTA	5	1
>ABL1-T389A LMTGDTYTAI	24	>ABL1-T389A LMAGDTYTAI	17	7
>ABL1-T389A LMTGDTYT	261	>ABL1-T389A LMAGDTYT	106	155
>ABL1-T389A LMTGDTYTA	25	>ABL1-T389A LMAGDTYTA	15	10
>ABL1-T389A LMTGDTYTAI	43	>ABL1-T389A LMAGDTYTAI	23	20
>ABL1-T389A LMTGDTYT	806	>ABL1-T389A LMAGDTYT	99	707
>ABL1-T389A LMTGDTYTA	12	>ABL1-T389A LMAGDTYTA	3	9
>ABL1-T389A LMTGDTYTAI	77	>ABL1-T389A LMAGDTYTAI	10	67
>ABL1-T389A LMTGDTYT	12	>ABL1-T389A LMAGDTYT	11	1
>ABL1-T389A LMTGDTYTA	3	>ABL1-T389A LMAGDTYTA	3	0
>ABL1-T389A LMTGDTYTAI	4	>ABL1-T389A LMAGDTYTAI	4	0

>ABL1-T389A LMTGDTYTAI	2888	>ABL1-T389A LMAGDTYTAI	293	2595
>ABL1-T389A LMTGDTYTAI	1695	>ABL1-T389A LMAGDTYTAI	189	1506
>ABL1-T389A RLMTGDTYT	144	>ABL1-T389A RLMAGDTYT	68	76
>ABL1-T389A RLMTGDTYT/	16	>ABL1-T389A RLMAGDTYT/	15	1
>ABL1-T389A RLMTGDTYT	222	>ABL1-T389A RLMAGDTYT	69	153
>ABL1-T389A RLMTGDTYT/	10	>ABL1-T389A RLMAGDTYT/	9	1
>ABL1-T389A RLMTGDTYT	62	>ABL1-T389A RLMAGDTYT	32	30
>ABL1-T389A RLMTGDTYT/	31	>ABL1-T389A RLMAGDTYT/	23	8
>ABL1-T389A RLMTGDTYT	134	>ABL1-T389A RLMAGDTYT	55	79
>ABL1-T389A RLMTGDTYT/	82	>ABL1-T389A RLMAGDTYT/	93	11
>ABL1-T389A RLMTGDTYT	309	>ABL1-T389A RLMAGDTYT	99	210
>ABL1-T389A RLMTGDTYT/	23	>ABL1-T389A RLMAGDTYT/	11	12
>ABL1-T389A RLMTGDTYT	417	>ABL1-T389A RLMAGDTYT	366	51
>ABL1-T389A RLMTGDTYT/	10	>ABL1-T389A RLMAGDTYT/	8	2
>ABL1-T389A RLMTGDTYT	674	>ABL1-T389A RLMAGDTYT	357	317
>ABL1-T389A RLMTGDTYT/	61	>ABL1-T389A RLMAGDTYT/	36	25
>ABL1-T389A RLMTGDTYT	486	>ABL1-T389A RLMAGDTYT	343	143
>ABL1-T389A RLMTGDTYT/	23	>ABL1-T389A RLMAGDTYT/	17	6
>ABL1-T389A RLMTGDTYT	134	>ABL1-T389A RLMAGDTYT	58	76
>ABL1-T389A RLMTGDTYT/	11	>ABL1-T389A RLMAGDTYT/	7	4
>ABL1-T389A RLMTGDTY	578	>ABL1-T389A RLMAGDTY	395	183
>ABL1-T389A RLMTGDTYT/	337	>ABL1-T389A RLMAGDTYT/	244	93
>ABL1-T389A RLMTGDTY	329	>ABL1-T389A RLMAGDTY	304	25
>ABL1-T389A RLMTGDTY	63	>ABL1-T389A RLMAGDTY	75	12
>ABL1-T389A RLMTGDTY	88	>ABL1-T389A RLMAGDTY	69	19
>ABL1-T389A RLMTGDTYT/	123	>ABL1-T389A RLMAGDTYT/	96	27
>ABL1-T389A RLMTGDTY	116	>ABL1-T389A RLMAGDTY	52	64
>ABL1-T389A RLMTGDTY	60	>ABL1-T389A RLMAGDTY	52	8
>ABL1-T389A RLMTGDTYT/	947	>ABL1-T389A RLMAGDTYT/	337	610
>ABL1-T389A RLMTGDTYT/	497	>ABL1-T389A RLMAGDTYT/	168	329
>ABL1-T389A RLMTGDTY	80	>ABL1-T389A RLMAGDTY	37	43
>ABL1-T389A RLMTGDTY	62	>ABL1-T389A RLMAGDTY	68	6
>ABL1-T389A RLMTGDTYT/	389	>ABL1-T389A RLMAGDTYT/	407	18
>ABL1-T389A RLMTGDTY	74	>ABL1-T389A RLMAGDTY	44	30
>ABL1-T389A RLMTGDTY	602	>ABL1-T389A RLMAGDTY	437	165
>ABL1-T389A SRLMTGDTY	47	>ABL1-T389A SRLMAGDTY	119	72
>ABL1-T389A SRLMTGDTY/	590	>ABL1-T389A SRLMAGDTY/	413	177
>ABL1-T389A SRLMTGDTY	386	>ABL1-T389A SRLMAGDTY	836	450
>ABL1-T389A LSRLMTGDTY	183	>ABL1-T389A LSRLMAGDTY	203	20
>ABL1-T389A LSRLMTGDTY	127	>ABL1-T389A LSRLMAGDTY	178	51
>ABL1-T389A LSRLMTGDTY	436	>ABL1-T389A LSRLMAGDTY	664	228
>ABL1-T389A LSRLMTGDTY	6	>ABL1-T389A LSRLMAGDTY	5	1
>ABL1-T389A LSRLMTGDTY	47	>ABL1-T389A LSRLMAGDTY	40	7

>ABL1-T389A GLSRLMTGD`	456	>ABL1-T389A GLSRLMAGD`	1448	992
>ABL1-T389A GLSRLMTGD`	266	>ABL1-T389A GLSRLMAGD`	238	28
>ABL1-T389A GLSRLMTGD`	217	>ABL1-T389A GLSRLMAGD`	131	86
>ABL1-T389A GLSRLMTGD`	181	>ABL1-T389A GLSRLMAGD`	162	19
>ABL1-T389A GLSRLMTGD`	82	>ABL1-T389A GLSRLMAGD`	144	62
>ABL1-T495F TMFQESSI	175	>ABL1-T495F RMFQESSI	91	84
>ABL1-T495F TMFQESSI	52	>ABL1-T495F RMFQESSI	41	11
>ABL1-T495F TMFQESSI	25	>ABL1-T495F RMFQESSI	15	10
>ABL1-T495F TMFQESSI	681	>ABL1-T495F RMFQESSI	241	440
>ABL1-T495F TMFQESSI	12	>ABL1-T495F RMFQESSI	4	8
>ABL1-T495F TMFQESSI	79	>ABL1-T495F RMFQESSI	27	52
>ABL1-T495F TMFQESSI	46	>ABL1-T495F RMFQESSI	25	21
>ABL1-T495F TMFQESSI	620	>ABL1-T495F RMFQESSI	435	185
>ABL1-T495F TMFQESSI	22	>ABL1-T495F RMFQESSI	19	3
>ABL1-T495F TMFQESSI	164	>ABL1-T495F RMFQESSI	14	150
>ABL1-T495F TMFQESSISD	6169	>ABL1-T495F RMFQESSISD	484	5685
>ABL1-T495F TMFQESSI	424	>ABL1-T495F RMFQESSI	86	338
>ABL1-T495F TMFQESSI	66	>ABL1-T495F RMFQESSI	9	57
>ABL1-T495F TMFQESSIS	1414	>ABL1-T495F RMFQESSIS	136	1278
>ABL1-T495F TMFQESSI	5612	>ABL1-T495F RMFQESSI	149	5463
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>ABL1-T495F ETMFQESSI	458	>ABL1-T495F ERMFQESSI	20268	19810
>ABL1-T495F ETMFQESSI	155	>ABL1-T495F ERMFQESSI	22702	22547
>ABL1-T495F ETMFQESSI	469	>ABL1-T495F ERMFQESSI	20997	20528
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>ABL1-T495F ETMFQESSI	10	>ABL1-T495F ERMFQESSI	5591	5581
>ABL1-T495F ETMFQESSI	110	>ABL1-T495F ERMFQESSI	18393	18283
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>ABL1-T495F ETMFQESSI	204	>ABL1-T495F ERMFQESSI	9735	9531
>ABL1-T495F SFAEIHQAFE`	14399	>ABL1-T495F SFAEIHQAFEI	21	14378
>ABL1-T495F SFAEIHQAFE`	27067	>ABL1-T495F SFAEIHQAFEI	156	26911
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>ABL1-T495F FETMFQESSI	8	>ABL1-T495F FERMFQESSI	11	3
>ABL1-T495F FETMFQESSI	1092	>ABL1-T495F FERMFQESSI	200	892
>ABL1-T495F FETMFQESSI	410	>ABL1-T495F FERMFQESSI	782	372
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>ABL1-T495F FETMFQESS	186	>ABL1-T495F FERMFQESS	92	94
>ABL1-T495F FETMFQESSI	155	>ABL1-T495F FERMFQESSI	174	19
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>ABL1-T495F FETMFQESSI	8	>ABL1-T495F FERMFQESSI	5	3
>ABL1-T495F AFETMFQESS	72	>ABL1-T495F AFERMFQESS	133	61

>ABL1-T495FQAFETMFQ	218	>ABL1-T495FQAFERMFQ	307	89
>ABL1-T495FHQAFETMF	93	>ABL1-T495FHQAFERMF	194	101
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>ABL1-T495FEIHQAFETMF	218	>ABL1-T495FEIHQAFERMF	275	57
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>ABL1-T495FAEIHQAFETM	42	>ABL1-T495FAEIHQAFERN	100	58
>ABL1-T495FAEIHQAFETM	210	>ABL1-T495FAEIHQAFERN	148	62
>ABL1-T495FAEIHQAFET	216	>ABL1-T495FAEIHQAFER	195	21
>ABL1-T495FAEIHQAFETM	115	>ABL1-T495FAEIHQAFERN	250	135
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>ABL1-T495FAEIHQAFET	30654	>ABL1-T495FAEIHQAFER	35	30619
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>ABL1-T984TTLPSASSALA	90	>ABL1-T984TTLPSASSALA	90	0
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>ABL1-T984TTLPSASSAL	297	>ABL1-T984TTLPSASSAL	297	0
>ABL1-T984TTLPSASSAL	340	>ABL1-T984TTLPSASSAL	340	0
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>ABL1-T984T TLPSASSAL	24	>ABL1-T984T TLPSASSAL	24	0
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>ABL1-T984T TLPSASSAL	24	>ABL1-T984T TLPSASSAL	24	0
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>ABL1-T984T STLPSASSAL	273	>ABL1-T984T STLPSASSAL	273	0
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>ABL1-T984T STLPSASSAL	114	>ABL1-T984T STLPSASSAL	114	0
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>ABL1-V299L IKHPNLVQLL	29	>ABL1-V299L IKHPNLLQLL	50	21
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>ABL1-V339L VVLLYMATQI	3686	>ABL1-V339L VLLLYMATQI	34	3652
>ABL1-V339L VVLLYMATQI	2198	>ABL1-V339L VLLLYMATQI	33	2165
>ABL1-V339L VVLLYMAT	15702	>ABL1-V339L VLLLYMAT	133	15569
>ABL1-V339L VVLLYMATQ	13902	>ABL1-V339L VLLLYMATQ	81	13821
>ABL1-V339L VVLLYMATQI	2325	>ABL1-V339L VLLLYMATQI	12	2313
>ABL1-V339L VVLLYMATQI	261	>ABL1-V339L VLLLYMATQI	1793	1532
>ABL1-V339L AVVLLYMA	392	>ABL1-V339L AVLLLYMA	264	128
>ABL1-V339L AVVLLYMATC	664	>ABL1-V339L AVLLLYMATC	463	201
>ABL1-V339L AVVLLYMATC	334	>ABL1-V339L AVLLLYMATC	103	231
>ABL1-V339L NAVVLLYM	201	>ABL1-V339L NAVLLYM	244	43
>ABL1-V339L NAVVLLYMA	142	>ABL1-V339L NAVLLYMA	150	8
>ABL1-V339L VNAVLLYM	1371	>ABL1-V339L VNAVLLYM	338	1033
>ABL1-V339L VNAVLLY	46	>ABL1-V339L VNAVLLY	28	18
>ABL1-V339L VNAVLLY	438	>ABL1-V339L VNAVLLY	374	64
>ABL1-V339L VNAVLLY	46	>ABL1-V339L VNAVLLY	31	15
>ABL1-V339L EVNAVLLY	155	>ABL1-V339L EVNAVLLY	119	36
>ABL1-V339L EVNAVLLY	267	>ABL1-V339L EVNAVLLY	327	60
>ABL1-V339L EVNAVLLY	425	>ABL1-V339L EVNAVLLY	178	247
>ABL1-V339L EVNAVLLY	28	>ABL1-V339L EVNAVLLY	21	7
>ABL1-V339L EVNAVLLY	42	>ABL1-V339L EVNAVLLY	21	21
>ABL1-V339L EVNAVLLYM	22	>ABL1-V339L EVNAVLLYM	15	7
>ABL1-V339L EVNAVLLY	459	>ABL1-V339L EVNAVLLY	371	88
>ABL1-V339L EVNAVLLYM	440	>ABL1-V339L EVNAVLLYM	373	67
>ABL1-V339L EVNAVLLY	27	>ABL1-V339L EVNAVLLY	17	10
>ABL1-V339L EVNAVLLY	961	>ABL1-V339L EVNAVLLY	489	472
>ABL1-V339L EVNAVLLY	39	>ABL1-V339L EVNAVLLY	70	31
>ABL1-V339L EVNAVLL	8	>ABL1-V339L EVNAVLL	17	9
>ABL1-V339L EVNAVLLYM	193	>ABL1-V339L EVNAVLLYM	585	392
>ABL1-V339L EVNAVLLYM	10	>ABL1-V339L EVNAVLLYM	11	1
>ABL1-V339L EVNAVLL	57	>ABL1-V339L EVNAVLL	59	2
>ABL1-V339L EVNAVLLYM	22	>ABL1-V339L EVNAVLLYM	21	1
>ABL1-V339L EVNAVLLYM	50	>ABL1-V339L EVNAVLLYM	51	1
>ABL1-V339L EVNAVLLY	7	>ABL1-V339L EVNAVLLY	6	1

>ABL1-V339L EVNAVLLY	470	>ABL1-V339L EVNAVLLY	903	433
>ABL1-V339L EVNAVLLY	152	>ABL1-V339L EVNAVLLY	125	27
>ABL1-V339L QEVNAVVL	11	>ABL1-V339L QEVNAVLL	7	4
>ABL1-V339L QEVNAVLL	157	>ABL1-V339L QEVNAVLLL	100	57
>ABL1-V339L QEVNAVLLY	178	>ABL1-V339L QEVNAVLLLY	162	16
>ABL1-V339L QEVNAVLLY	251	>ABL1-V339L QEVNAVLLLY	59	192
>ABL1-V339L QEVNAVVL	263	>ABL1-V339L QEVNAVLL	615	352
>ABL1-V339L QEVNAVLL	375	>ABL1-V339L QEVNAVLLL	304	71
>ABL1-V339L QEVNAVLLY	152	>ABL1-V339L QEVNAVLLLY	126	26
>ABL1-V339L QEVNAVVL	190	>ABL1-V339L QEVNAVLL	1127	937
>ABL1-V339L QEVNAVVL	13	>ABL1-V339L QEVNAVLL	15	2
>ABL1-V339L QEVNAVLL	14	>ABL1-V339L QEVNAVLLL	18	4
>ABL1-V339L QEVNAVLLY	82	>ABL1-V339L QEVNAVLLLY	106	24
>ABL1-V339L QEVNAVVL	212	>ABL1-V339L QEVNAVLL	345	133
>ABL1-V339L QEVNAVLL	210	>ABL1-V339L QEVNAVLLL	88	122
>ABL1-V339L QEVNAVLLY	388	>ABL1-V339L QEVNAVLLLY	210	178
>ABL1-V339L QEVNAVLLY	96	>ABL1-V339L QEVNAVLLLY	116	20
>ABL1-V339L QEVNAVVL	389	>ABL1-V339L QEVNAVLL	172	217
>ABL1-V339L QEVNAVLL	140	>ABL1-V339L QEVNAVLLL	84	56
>ABL1-V339L QEVNAVLLY	37	>ABL1-V339L QEVNAVLLLY	34	3
>ABL1-V339L QEVNAVLLY	114	>ABL1-V339L QEVNAVLLLY	90	24
>ABL1-V339L QEVNAVVL	164	>ABL1-V339L QEVNAVLL	150	14
>ABL1-V339L QEVNAVLL	11	>ABL1-V339L QEVNAVLLL	16	5
>ABL1-V339L QEVNAVLLY	44	>ABL1-V339L QEVNAVLLLY	49	5
>ABL1-V339L RQEVNAV	173	>ABL1-V339L RQEVNAV	1270	1097
>ABL1-V339L RQEVNAVLI	569	>ABL1-V339L RQEVNAVLLL	413	156
>ABL1-V339L RQEVNAVLI	90	>ABL1-V339L RQEVNAVLLL	62	28
>ABL1-V339L RQEVNAVLI	203	>ABL1-V339L RQEVNAVLLL	335	132
>ABL1-V339L RQEVNAV	781	>ABL1-V339L RQEVNAV	312	469
>ABL1-V339L RQEVNAVVL	115	>ABL1-V339L RQEVNAVLL	565	450
>ABL1-V339L RQEVNAVLI	319	>ABL1-V339L RQEVNAVLLL	609	290
>ABL1-V339L RQEVNAVLI	104	>ABL1-V339L RQEVNAVLLL	207	103
>ABL1-V339L RQEVNAV	1497	>ABL1-V339L RQEVNAV	79	1418
>ABL1-V339L RQEVNAVVL	27	>ABL1-V339L RQEVNAVLL	176	149
>ABL1-V339L RQEVNAVLI	156	>ABL1-V339L RQEVNAVLLL	317	161
>ABL1-V339L RQEVNAV	2089	>ABL1-V339L RQEVNAV	179	1910
>ABL1-V339L RQEVNAVVL	90	>ABL1-V339L RQEVNAVLL	139	49
>ABL1-V339L RQEVNAV	5559	>ABL1-V339L RQEVNAV	333	5226
>ABL1-V339L RQEVNAVVL	197	>ABL1-V339L RQEVNAVLL	160	37
>ABL1-V339L RQEVNAVLI	139	>ABL1-V339L RQEVNAVLLL	226	87
>ABL1-V339L RQEVNAV	862	>ABL1-V339L RQEVNAV	134	728
>ABL1-V339L RQEVNAVVL	258	>ABL1-V339L RQEVNAVLL	157	101
>ABL1-V339L RQEVNAVLI	686	>ABL1-V339L RQEVNAVLLL	158	528

>ABL1-V339L RQEVNAVVL	59	>ABL1-V339L RQEVNAVLL	19	40
>ABL1-V339L RQEVNAVVLI	765	>ABL1-V339L RQEVNAVLLL	229	536
>ABL1-V339L RQEVNAVVLI	197	>ABL1-V339L RQEVNAVLLL	159	38
>ABL1-V339L RQEVNAVVLI	243	>ABL1-V339L RQEVNAVLLL	190	53
>ABL1-V339L NRQEVNAV	200	>ABL1-V339L NRQEVNAVLI	152	48
>ABL1-V339L NRQEVNAV	328	>ABL1-V339L NRQEVNAVLI	312	16
>ABL1-V339L NRQEVNAV	106	>ABL1-V339L NRQEVNAVLI	13	93
>ABL1-V339L NRQEVNAV	11	>ABL1-V339L NRQEVNAVLI	28	17
>ABL1-V339L NRQEVNAV	35	>ABL1-V339L NRQEVNAVLI	48	13
>ABL1-V339L NRQEVNAV	1352	>ABL1-V339L NRQEVNAVLI	200	1152
>ABL1-V339L NRQEVNAV	275	>ABL1-V339L NRQEVNAVLI	216	59
>ABL1-V339L NRQEVNAV	107	>ABL1-V339L NRQEVNAVLI	71	36
>ABL1-V339L NRQEVNAV	1323	>ABL1-V339L NRQEVNAVLI	77	1246
>ABL1-V339L NRQEVNAV	120	>ABL1-V339L NRQEVNAVLI	110	10
>ABL1-V339L NRQEVNAV	20	>ABL1-V339L NRQEVNAVLI	14	6
>ABL1-V371/LVGENHLV	173	>ABL1-V371/LAGENHLV	804	631
>ABL1-V371/LVGENHLV	361	>ABL1-V371/LAGENHLV	2777	2416
>ABL1-V371/LVGENHLVK\	318	>ABL1-V371/LAGENHLVK\	1093	775
>ABL1-V371/LVGENHLV	140	>ABL1-V371/LAGENHLV	843	703
>ABL1-V371/LVGENHLVK\	494	>ABL1-V371/LAGENHLVK\	1313	819
>ABL1-V371/LVGENHLV	21	>ABL1-V371/LAGENHLV	95	74
>ABL1-V371/LVGENHLVK\	17	>ABL1-V371/LAGENHLVK\	78	61
>ABL1-V371/LVGENHLV	93	>ABL1-V371/LAGENHLV	1133	1040
>ABL1-V371/LVGENHLVK\	125	>ABL1-V371/LAGENHLVK\	1651	1526
>ABL1-V371/LVGENHLV	128	>ABL1-V371/LAGENHLV	1319	1191
>ABL1-V371/LVGENHLVK\	187	>ABL1-V371/LAGENHLVK\	2018	1831
>ABL1-V371/LVGENHLV	120	>ABL1-V371/LAGENHLV	1887	1767
>ABL1-V371/LVGENHLVK\	245	>ABL1-V371/LAGENHLVK\	4101	3856
>ABL1-V371/LVGENHLV	5	>ABL1-V371/LAGENHLV	24	19
>ABL1-V371/LVGENHLVK\	5	>ABL1-V371/LAGENHLVK\	41	36
>ABL1-V371/LVGENHLVK	127	>ABL1-V371/LAGENHLVK	836	709
>ABL1-V371/LVGENHLVK	290	>ABL1-V371/LAGENHLVK	1133	843
>ABL1-V371/LVGENHLV	87	>ABL1-V371/LAGENHLV	242	155
>ABL1-V371/LVGENHLVK\	236	>ABL1-V371/LAGENHLVK\	595	359
>ABL1-V371/CLVGENHLV	111	>ABL1-V371/CLAGENHLV	29	82
>ABL1-V371/CLVGENHLVK	147	>ABL1-V371/CLAGENHLVK	42	105
>ABL1-V371/CLVGENHL	64	>ABL1-V371/CLAGENHL	14	50
>ABL1-V371/CLVGENHLV	10	>ABL1-V371/CLAGENHLV	4	6
>ABL1-V371/CLVGENHLVK	23	>ABL1-V371/CLAGENHLVK	6	17
>ABL1-V371/CLVGENHL	1112	>ABL1-V371/CLAGENHL	359	753
>ABL1-V371/CLVGENHLV	58	>ABL1-V371/CLAGENHLV	17	41
>ABL1-V371/CLVGENHLVK	41	>ABL1-V371/CLAGENHLVK	14	27
>ABL1-V371/CLVGENHLV	245	>ABL1-V371/CLAGENHLV	217	28

>ABL1-V371/CLVGENHLVκ	147	>ABL1-V371/CLAGENHLVκ	147	0
>ABL1-V371/CLVGENHLV	17	>ABL1-V371/CLAGENHLV	13	4
>ABL1-V371/CLVGENHLVκ	12	>ABL1-V371/CLAGENHLVκ	11	1
>ABL1-V371/CLVGENHLV	41	>ABL1-V371/CLAGENHLV	40	1
>ABL1-V371/CLVGENHLVκ	43	>ABL1-V371/CLAGENHLVκ	41	2
>ABL1-V371/CLVGENHL	1742	>ABL1-V371/CLAGENHL	379	1363
>ABL1-V371/CLVGENHLV	55	>ABL1-V371/CLAGENHLV	18	37
>ABL1-V371/CLVGENHLVκ	67	>ABL1-V371/CLAGENHLVκ	21	46
>ABL1-V371/CLVGENHL	1704	>ABL1-V371/CLAGENHL	302	1402
>ABL1-V371/CLVGENHLV	20	>ABL1-V371/CLAGENHLV	4	16
>ABL1-V371/CLVGENHLVκ	31	>ABL1-V371/CLAGENHLVκ	5	26
>ABL1-V371/CLVGENHL	29	>ABL1-V371/CLAGENHL	15	14
>ABL1-V371/CLVGENHLV	3	>ABL1-V371/CLAGENHLV	2	1
>ABL1-V371/CLVGENHLVκ	3	>ABL1-V371/CLAGENHLVκ	2	1
>ABL1-V371/CLVGENHLVκ	136	>ABL1-V371/CLAGENHLVκ	125	11
>ABL1-V371/CLVGENHLVκ	365	>ABL1-V371/CLAGENHLVκ	323	42
>ABL1-V371/CLVGENHLV	1144	>ABL1-V371/CLAGENHLV	240	904
>ABL1-V371/NCLVGENHL\	489	>ABL1-V371/NCLAGENHL\	221	268
>ABL1-V371/ARNCLVGENI	294	>ABL1-V371/ARNCLAGENI	301	7
>ABL1-V371/ARNCLVGENI	159	>ABL1-V371/ARNCLAGENI	232	73
>ABL1-V371/AARNCLVG	652	>ABL1-V371/AARNCLAG	408	244
>ABL1-V371/LAARNCLV	55	>ABL1-V371/LAARNCLA	7483	7428
>ABL1-V371/LAARNCLV	387	>ABL1-V371/LAARNCLA	4026	3639
>ABL1-V371/DLAARNCLV	198	>ABL1-V371/DLAARNCLA	2024	1826
>ABL1-V371/DLAARNCLV	142	>ABL1-V371/DLAARNCLA	6330	6188
>ABL1-V371/DLAARNCLV	33	>ABL1-V371/DLAARNCLA	2106	2073
>ABL1-V371/DLAARNCLV	85	>ABL1-V371/DLAARNCLA	4401	4316
>ABL1-V371/DLAARNCLV	12	>ABL1-V371/DLAARNCLA	247	235
>ABL1-V371/DLAARNCLV	200	>ABL1-V371/DLAARNCLA	1959	1759
>ABL1-V371/DLAARNCLV	355	>ABL1-V371/DLAARNCLA	7076	6721
>ABL1-V371/RDLAARNCLV	89	>ABL1-V371/RDLAARNCLA	2391	2302
>ABL1-V379I VADFGLSRL	120	>ABL1-V379I IADFGLSRL	71	49
>ABL1-V379I VADFGLSRLM	464	>ABL1-V379I IADFGLSRLM	280	184
>ABL1-V379I VADFGLSRL	179	>ABL1-V379I IADFGLSRL	98	81
>ABL1-V379I KVADFGLSRL	46	>ABL1-V379I KIADFGLSRL	28	18
>ABL1-V379I KVADFGLSRL	351	>ABL1-V379I KIADFGLSRLM	152	199
>ABL1-V379I KVADFGLSRL	101	>ABL1-V379I KIADFGLSRL	59	42
>ABL1-V379I KVADFGLSRL	307	>ABL1-V379I KIADFGLSRL	279	28
>ABL1-V379I KVADFGLSRL	217	>ABL1-V379I KIADFGLSRL	64	153
>ABL1-V379I KVADFGLSRL	965	>ABL1-V379I KIADFGLSRL	321	644
>ABL1-V379I KVADFGLSRL	51	>ABL1-V379I KIADFGLSRL	17	34
>ABL1-V379I KVADFGLSR	309	>ABL1-V379I KIADFGLSR	274	35
>ABL1-V379I KVADFGLSR	27	>ABL1-V379I KIADFGLSR	56	29

>ABL1-V379I KVADFGLSR	59	>ABL1-V379I KIADFGLSR	87	28
>ABL1-V379I KVADFGLSR	145	>ABL1-V379I KIADFGLSR	326	181
>ABL1-V379I KVADFGLSRL	67	>ABL1-V379I KIADFGLSRL	333	266
>ABL1-V379I KVADFGLSRL	317	>ABL1-V379I KIADFGLSRLM	1255	938
>ABL1-V379I KVADFGLSRL	44	>ABL1-V379I KIADFGLSRLM	167	123
>ABL1-V379I KVADFGLSR	21	>ABL1-V379I KIADFGLSR	14	7
>ABL1-V379I CLVGENHLVK	147	>ABL1-V379I CLVGENHLVK	759	612
>ABL1-V379I CLVGENHLVK	23	>ABL1-V379I CLVGENHLVK	68	45
>ABL1-V379I CLVGENHLVK	41	>ABL1-V379I CLVGENHLVK	176	135
>ABL1-V379I CLVGENHLVK	147	>ABL1-V379I CLVGENHLVK	954	807
>ABL1-V379I CLVGENHLVK	12	>ABL1-V379I CLVGENHLVK	157	145
>ABL1-V379I CLVGENHLVK	43	>ABL1-V379I CLVGENHLVK	431	388
>ABL1-V379I CLVGENHLVK	67	>ABL1-V379I CLVGENHLVK	2024	1957
>ABL1-V379I CLVGENHLVK	31	>ABL1-V379I CLVGENHLVK	1088	1057
>ABL1-V379I CLVGENHLVK	3	>ABL1-V379I CLVGENHLVK	40	37
>ABL1-V379I VKVADFGL	477	>ABL1-V379I VKIADFGL	358	119
>ABL1-V379I VKVADFGLSR	341	>ABL1-V379I VKIADFGLSR	247	94
>ABL1-V379I VKVADFGLSR	345	>ABL1-V379I VKIADFGLSRI	244	101
>ABL1-V379I LVKVADFGLS	257	>ABL1-V379I LVKIADFGLSF	354	97
>ABL1-V379I LVKVADFGLS	64	>ABL1-V379I LVKIADFGLSF	73	9
>ABL1-V379I LVKVADFGLS	358	>ABL1-V379I LVKIADFGLSF	481	123
>ABL1-V379I LVKVADFGLS	133	>ABL1-V379I LVKIADFGLSF	134	1
>ABL1-V379I HLVKVADFGL	418	>ABL1-V379I HLVKIADFGL	343	75
>ABL1-V379I HLVKVADFGL	73	>ABL1-V379I HLVKIADFGL	64	9
>ABL1-V379I HLVKVADFGL	71	>ABL1-V379I HLVKIADFGL	126	55
>ABL1-V379I HLVKVADFGL	37	>ABL1-V379I HLVKIADFGL	41	4
>ABL1-V379I HLVKVADFGL	36	>ABL1-V379I HLVKIADFGL	52	16
>ABL1-V379I HLVKVADFGL	31	>ABL1-V379I HLVKIADFGL	24	7
>ABL1-V379I HLVKVADF	416	>ABL1-V379I HLVKIADF	630	214
>ABL1-V379I HLVKVADF	257	>ABL1-V379I HLVKIADF	293	36
>ABL1-V379I NHLVKVADFG	224	>ABL1-V379I NHLVKIADFG	356	132
>ABL1-V379I GENHLVKV	375	>ABL1-V379I GENHLVKI	175	200
>ABL1-V379I GENHLVKV	247	>ABL1-V379I GENHLVKI	187	60
>ABL1-V379I GENHLVKVA	86	>ABL1-V379I GENHLVKIA	102	16
>ABL1-V379I GENHLVKVAI	476	>ABL1-V379I GENHLVKIAD	485	9
>ABL1-V379I GENHLVKVAI	147	>ABL1-V379I GENHLVKIAD	140	7
>ABL1-V379I GENHLVKVAI	79	>ABL1-V379I GENHLVKIAD	65	14
>ABL1-V379I GENHLVKV	299	>ABL1-V379I GENHLVKI	1275	976
>ABL1-V379I GENHLVKVA	58	>ABL1-V379I GENHLVKIA	142	84
>ABL1-V379I GENHLVKV	704	>ABL1-V379I GENHLVKI	70	634
>ABL1-V379I GENHLVKVAI	116	>ABL1-V379I GENHLVKIAD	106	10
>ABL1-V379I LVGENHLVKI	318	>ABL1-V379I LVGENHLVKI	1220	902
>ABL1-V379I LVGENHLVKI	494	>ABL1-V379I LVGENHLVKI	2296	1802

>ABL1-V379I LVGENHLVK\	17	>ABL1-V379I LVGENHLVKI	228	211
>ABL1-V379I LVGENHLVK\	125	>ABL1-V379I LVGENHLVKI	1356	1231
>ABL1-V379I LVGENHLVK\	187	>ABL1-V379I LVGENHLVKI	4202	4015
>ABL1-V379I LVGENHLVK\	245	>ABL1-V379I LVGENHLVKI	5443	5198
>ABL1-V379I LVGENHLVK\	5	>ABL1-V379I LVGENHLVKI	535	530
>ABL1-V379I LVGENHLVK\	236	>ABL1-V379I LVGENHLVKI	1390	1154
>ABL1-Y253F YGGEVYEGVW	1213	>ABL1-Y253F FGEVYEGVW	268	945
>ABL1-Y253F YGGEVYEGVW	157	>ABL1-Y253F FGEVYEGVW	48	109
>ABL1-Y253F QYGEVYEGV	434	>ABL1-Y253F QFGEVYEGV	453	19
>ABL1-Y253F QYGEVYEGV\	277	>ABL1-Y253F QFGEVYEGV\	2304	2027
>ABL1-Y253F QYGEVYEGV	92	>ABL1-Y253F QFGEVYEGV	3041	2949
>ABL1-Y253F QYGEVYEGV\	17	>ABL1-Y253F QFGEVYEGV\	216	199
>ABL1-Y253F QYGEVYEGV\	450	>ABL1-Y253F QFGEVYEGV\	1039	589
>ABL1-Y253F TMKHKLGGG	76	>ABL1-Y253F TMKHKLGGG	2520	2444
>ABL1-Y253F TMKHKLGGG	32	>ABL1-Y253F TMKHKLGGG	4607	4575
>ABL1-Y253F TMKHKLGGG	69	>ABL1-Y253F TMKHKLGGG	72	3
>ABL1-Y253F TMKHKLGGG	77	>ABL1-Y253F TMKHKLGGG	166	89
>ABL1-Y253F TMKHKLGGG	1620	>ABL1-Y253F TMKHKLGGG	315	1305
>ABL1-Y253F GQYGEVYEG\	170	>ABL1-Y253F GQFGEVYEG\	172	2
>ABL1-Y253F GQYGEVYEG\	44	>ABL1-Y253F GQFGEVYEG\	52	8
>ABL1-Y253F GQYGEVYEG\	58	>ABL1-Y253F GQFGEVYEG\	70	12
>ABL1-Y253F GQYGEVYEG\	109	>ABL1-Y253F GQFGEVYEG\	116	7
>ABL1-Y253F GQYGEVYEG\	6	>ABL1-Y253F GQFGEVYEG\	7	1
>ABL1-Y253F GQYGEVYEG\	21	>ABL1-Y253F GQFGEVYEG\	25	4
>ABL1-Y253F GQYGEVYEG\	13	>ABL1-Y253F GQFGEVYEG\	15	2
>ABL1-Y253F GQYGEVYEG\	66	>ABL1-Y253F GQFGEVYEG\	93	27
>ABL1-Y253F GQYGEVYEG\	58	>ABL1-Y253F GQFGEVYEG\	27	31
>ABL1-Y253F GGQYGEVY	341	>ABL1-Y253F GGQFGEVY	380	39
>ABL1-Y253F GGGQYGEVY	235	>ABL1-Y253F GGGQFGEVY	354	119
>ABL1-Y253F GGGQYGEVY	326	>ABL1-Y253F GGGQFGEVY	170	156
>ABL1-Y253F LGGGQYGEV\	272	>ABL1-Y253F LGGGQFGEV\	182	90
>ABL1-Y253F KLGGGQYGE\	212	>ABL1-Y253F KLGGGQFGE\	80	132
>ABL1-Y253F KLGGGQYGE\	90	>ABL1-Y253F KLGGGQFGE\	75	15
>ABL1-Y253F KLGGGQYGE\	56	>ABL1-Y253F KLGGGQFGE\	33	23
>ABL1-Y253F KLGGGQYGE\	3	>ABL1-Y253F KLGGGQFGE\	3	0
>ABL1-Y253F KLGGGQYGE\	16	>ABL1-Y253F KLGGGQFGE\	12	4
>ABL1-Y253F KLGGGQYGE\	7	>ABL1-Y253F KLGGGQFGE\	7	0
>ABL1-Y253F KLGGGQYGE\	19	>ABL1-Y253F KLGGGQFGE\	17	2
>ABL1-Y253F KLGGGQYGE\	2	>ABL1-Y253F KLGGGQFGE\	2	0
>ABL1-Y253F KLGGGQYGE\	128	>ABL1-Y253F KLGGGQFGE\	143	15
>ABL1-Y253F KLGGGQYGE\	64	>ABL1-Y253F KLGGGQFGE\	62	2
>ABL1-Y253F KLGGGQYGE\	37	>ABL1-Y253F KLGGGQFGE\	29	8
>ABL1-Y253F KLGGGQYGE\	87	>ABL1-Y253F KLGGGQFGE\	97	10



>ABL1-Y253F KLGGGQYGE'	354	>ABL1-Y253F KLGGGQFGE'	280	74
>ABL1-Y253F KLGGGQYGE'	385	>ABL1-Y253F KLGGGQFGE'	424	39
>ABL1-Y253F HKLGGGQY	132	>ABL1-Y253F HKLGGGQF	326	194
>ABL1-Y253F HKLGGGQY	100	>ABL1-Y253F HKLGGGQF	28	72
>ABL1-Y253F KHKLGGGQY	241	>ABL1-Y253F KHKLGGGQF	11159	10918
>ABL1-Y253F MKHKLGGGC	221	>ABL1-Y253F MKHKLGGGC	7728	7507
>ABL1-Y253F MKHKLGGGC	35	>ABL1-Y253F MKHKLGGGC	13	22
>ABL1-Y253F MKHKLGGGC	330	>ABL1-Y253F MKHKLGGGC	220	110
>ABL1-Y253F YGEVYEGVW	157	>ABL1-Y253F HGEVYEGVW	56	101
>ABL1-Y253F QYGEVYEGV	434	>ABL1-Y253F QHGEVYEGV	3595	3161
>ABL1-Y253F QYGEVYEGV'	277	>ABL1-Y253F QHGEVYEGV'	11999	11722
>ABL1-Y253F QYGEVYEGV	92	>ABL1-Y253F QHGEVYEGV	16056	15964
>ABL1-Y253F QYGEVYEGV'	17	>ABL1-Y253F QHGEVYEGV'	9546	9529
>ABL1-Y253F QYGEVYEGV'	2168	>ABL1-Y253F QHGEVYEGV'	232	1936
>ABL1-Y253F QYGEVYEGV'	450	>ABL1-Y253F QHGEVYEGV'	6401	5951
>ABL1-Y253F TMKHKLGGG	76	>ABL1-Y253F TMKHKLGGG	8749	8673
>ABL1-Y253F TMKHKLGGG	32	>ABL1-Y253F TMKHKLGGG	7178	7146
>ABL1-Y253F TMKHKLGGG	69	>ABL1-Y253F TMKHKLGGG	3980	3911
>ABL1-Y253F TMKHKLGGG	77	>ABL1-Y253F TMKHKLGGG	2895	2818
>ABL1-Y253F GQYGEVYEG'	170	>ABL1-Y253F GQHGEVYEG	1673	1503
>ABL1-Y253F GQYGEVYEG'	44	>ABL1-Y253F GQHGEVYEG	331	287
>ABL1-Y253F GQYGEVYEG'	58	>ABL1-Y253F GQHGEVYEG	374	316
>ABL1-Y253F GQYGEVYEG'	109	>ABL1-Y253F GQHGEVYEG	722	613
>ABL1-Y253F GQYGEVYEG'	6	>ABL1-Y253F GQHGEVYEG	27	21
>ABL1-Y253F GQYGEVYEG'	21	>ABL1-Y253F GQHGEVYEG	148	127
>ABL1-Y253F GQYGEVYEG'	13	>ABL1-Y253F GQHGEVYEG	123	110
>ABL1-Y253F GQYGEVYEG'	66	>ABL1-Y253F GQHGEVYEG	377	311
>ABL1-Y253F GQYGEVYEG'	58	>ABL1-Y253F GQHGEVYEG	162	104
>ABL1-Y253F GGQYGEVY	341	>ABL1-Y253F GGQHGEVY	556	215
>ABL1-Y253F GGGQYGEVY	235	>ABL1-Y253F GGGQHGEVY	185	50
>ABL1-Y253F GGGQYGEVY	326	>ABL1-Y253F GGGQHGEVY	1677	1351
>ABL1-Y253F LGGGQYGEV'	272	>ABL1-Y253F LGGGQHGEV	195	77
>ABL1-Y253F KLGGGQYGE'	212	>ABL1-Y253F KLGGGQHGE	409	197
>ABL1-Y253F KLGGGQYGE'	90	>ABL1-Y253F KLGGGQHGE	173	83
>ABL1-Y253F KLGGGQYGE'	56	>ABL1-Y253F KLGGGQHGE	107	51
>ABL1-Y253F KLGGGQYGE'	3	>ABL1-Y253F KLGGGQHGE	3	0
>ABL1-Y253F KLGGGQYGE'	16	>ABL1-Y253F KLGGGQHGE	29	13
>ABL1-Y253F KLGGGQYGE'	7	>ABL1-Y253F KLGGGQHGE	8	1
>ABL1-Y253F KLGGGQYGE'	19	>ABL1-Y253F KLGGGQHGE	37	18
>ABL1-Y253F KLGGGQYGE	2895	>ABL1-Y253F KLGGGQHGE	406	2489
>ABL1-Y253F KLGGGQYGE'	2	>ABL1-Y253F KLGGGQHGE	2	0
>ABL1-Y253F KLGGGQYGE'	128	>ABL1-Y253F KLGGGQHGE	169	41
>ABL1-Y253F KLGGGQYGE'	64	>ABL1-Y253F KLGGGQHGE	78	14

>ABL1-Y253F KLGGGQYGE'	37	>ABL1-Y253F KLGGGQHGE	59	22
>ABL1-Y253F KLGGGQYGE'	87	>ABL1-Y253F KLGGGQHGE	88	1
>ABL1-Y253F KLGGGQYGE'	354	>ABL1-Y253F KLGGGQHGE	224	130
>ABL1-Y253F KLGGGQYGE'	385	>ABL1-Y253F KLGGGQHGE	555	170
>ABL1-Y253F HKLGGGQY	132	>ABL1-Y253F HKLGGGQH	6552	6420
>ABL1-Y253F HKLGGGQY	100	>ABL1-Y253F HKLGGGQH	4511	4411
>ABL1-Y253F KHKLGGGQY	241	>ABL1-Y253F KHKLGGGQH	14121	13880
>ABL1-Y253F MKHKLGGGC	221	>ABL1-Y253F MKHKLGGGC	22249	22028
>ABL1-Y253F MKHKLGGGC	35	>ABL1-Y253F MKHKLGGGC	1672	1637
>ABL1-Y253F MKHKLGGGC	330	>ABL1-Y253F MKHKLGGGC	2407	2077
>ABL1-Y353F YLEKKNFI	313	>ABL1-Y353F HLEKKNFI	7350	7037
>ABL1-Y353F YLEKKNFI	23	>ABL1-Y353F HLEKKNFI	235	212
>ABL1-Y353F YLEKKNFI	306	>ABL1-Y353F HLEKKNFI	4790	4484
>ABL1-Y353F YLEKKNFI	57	>ABL1-Y353F HLEKKNFI	2798	2741
>ABL1-Y353F YLEKKNFI	24	>ABL1-Y353F HLEKKNFI	677	653
>ABL1-Y353F YLEKKNFI	146	>ABL1-Y353F HLEKKNFI	5159	5013
>ABL1-Y353F YLEKKNFI	19	>ABL1-Y353F HLEKKNFI	507	488
>ABL1-Y353F YLEKKNFIHR	517	>ABL1-Y353F HLEKKNFIHR	375	142
>ABL1-Y353F YLEKKNFIHR	398	>ABL1-Y353F HLEKKNFIHR	746	348
>ABL1-Y353F YLEKKNFIHR	68	>ABL1-Y353F HLEKKNFIHR	26	42
>ABL1-Y353F EYLEKKNFI	117	>ABL1-Y353F EHLEKKNFI	39	78
>ABL1-Y353F EYLEKKNF	213	>ABL1-Y353F EHLEKKNF	10924	10711
>ABL1-Y353F EYLEKKNF	27	>ABL1-Y353F EHLEKKNF	12253	12226
>ABL1-Y353F EYLEKKNFI	86	>ABL1-Y353F EHLEKKNFI	20493	20407
>ABL1-Y353F EYLEKKNFIHF	154	>ABL1-Y353F EHLEKKNFIHI	8438	8284
>ABL1-Y353F EYLEKKNFIHF	10	>ABL1-Y353F EHLEKKNFIHI	1018	1008
>ABL1-Y353F EYLEKKNFIHF	172	>ABL1-Y353F EHLEKKNFIHI	1147	975
>ABL1-Y353F EYLEKKNFIHF	13	>ABL1-Y353F EHLEKKNFIHI	126	113
>ABL1-Y353F MATQISSAM	56	>ABL1-Y353F MATQISSAM	9207	9151
>ABL1-Y353F MATQISSAM	140	>ABL1-Y353F MATQISSAM	14952	14812
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>ABL1-Y353F MATQISSAM	86	>ABL1-Y353F MATQISSAM	5009	4923
>ABL1-Y353F MATQISSAM	9	>ABL1-Y353F MATQISSAM	2968	2959
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>ABL1-Y353F MATQISSAM	191	>ABL1-Y353F MATQISSAM	14148	13957
>ABL1-Y353F MATQISSAM	73	>ABL1-Y353F MATQISSAM	6287	6214
>ABL1-Y353F MATQISSAM	37	>ABL1-Y353F MATQISSAM	757	720
>ABL1-Y353F MATQISSAM	94	>ABL1-Y353F MATQISSAM	24315	24221
>ABL1-Y353F MATQISSAM	115	>ABL1-Y353F MATQISSAM	5047	4932
>ABL1-Y353F MEYLEKKNF	21	>ABL1-Y353F MEHLEKKNF	143	122
>ABL1-Y353F MEYLEKKNFI	4	>ABL1-Y353F MEHLEKKNFI	5	1
>ABL1-Y353F MEYLEKKNF	77	>ABL1-Y353F MEHLEKKNF	330	253

>ABL1-Y353F MEYLEKKNF	31	>ABL1-Y353F MEHLEKKNF	102	71
>ABL1-Y353F MEYLEKKNFI	277	>ABL1-Y353F MEHLEKKNFI	705	428
>ABL1-Y353F MEYLEKKNF	183	>ABL1-Y353F MEHLEKKNF	485	302
>ABL1-Y353F MEYLEKKNFI	483	>ABL1-Y353F MEHLEKKNFI	851	368
>ABL1-Y353F MEYLEKKNF	120	>ABL1-Y353F MEHLEKKNF	188	68
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>ABL1-Y353F AMEYLEKKNF	277	>ABL1-Y353F AMEHLEKKNF	373	96
>ABL1-Y353F AMEYLEKK	414	>ABL1-Y353F AMEHLEKK	663	249
>ABL1-Y353F AMEYLEKKNF	194	>ABL1-Y353F AMEHLEKKNF	158	36
>ABL1-Y353F SAMEYLEK	691	>ABL1-Y353F SAMEHLEK	486	205
>ABL1-Y353F SAMEYLEK	9	>ABL1-Y353F SAMEHLEK	12	3
>ABL1-Y353F SAMEYLEKK	14	>ABL1-Y353F SAMEHLEKK	19	5
>ABL1-Y353F SAMEYLEKKN	888	>ABL1-Y353F SAMEHLEKKN	417	471
>ABL1-Y353F SAMEYLEK	327	>ABL1-Y353F SAMEHLEK	248	79
>ABL1-Y353F SAMEYLEK	93	>ABL1-Y353F SAMEHLEK	128	35
>ABL1-Y353F SAMEYLEKK	60	>ABL1-Y353F SAMEHLEKK	131	71
>ABL1-Y353F SAMEYLEKKN	99	>ABL1-Y353F SAMEHLEKKN	129	30
>ABL1-Y353F SAMEYLEKKN	23	>ABL1-Y353F SAMEHLEKKN	30	7
>ABL1-Y353F SAMEYLEK	147	>ABL1-Y353F SAMEHLEK	124	23
>ABL1-Y353F SAMEYLEKK	270	>ABL1-Y353F SAMEHLEKK	181	89
>ABL1-Y353F SSAMEYLEK	9	>ABL1-Y353F SSAMEHLEK	11	2
>ABL1-Y353F SSAMEYLEKK	16	>ABL1-Y353F SSAMEHLEKK	28	12
>ABL1-Y353F SSAMEYLEK	224	>ABL1-Y353F SSAMEHLEK	125	99
>ABL1-Y353F SSAMEYLEK	222	>ABL1-Y353F SSAMEHLEK	119	103
>ABL1-Y353F SSAMEYLEKK	35	>ABL1-Y353F SSAMEHLEKK	61	26
>ABL1-Y353F SSAMEYLEK	81	>ABL1-Y353F SSAMEHLEK	83	2
>ABL1-Y353F SSAMEYLEKK	121	>ABL1-Y353F SSAMEHLEKK	117	4
>ABL1-Y353F ISSAMEYL	102	>ABL1-Y353F ISSAMEHL	651	549
>ABL1-Y353F ISSAMEYLEK	61	>ABL1-Y353F ISSAMEHLEK	77	16
>ABL1-Y353F ISSAMEYLEKI	685	>ABL1-Y353F ISSAMEHLEKI	497	188
>ABL1-Y353F ISSAMEYLEK	7	>ABL1-Y353F ISSAMEHLEK	10	3
>ABL1-Y353F ISSAMEYLEKI	24	>ABL1-Y353F ISSAMEHLEKI	32	8
>ABL1-Y353F ISSAMEYLEK	354	>ABL1-Y353F ISSAMEHLEK	249	105
>ABL1-Y353F ISSAMEYLEK	50	>ABL1-Y353F ISSAMEHLEK	99	49
>ABL1-Y353F ISSAMEYLEKI	80	>ABL1-Y353F ISSAMEHLEKI	100	20
>ABL1-Y353F ISSAMEYL	24	>ABL1-Y353F ISSAMEHL	26	2
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>ABL1-Y353F ISSAMEYLEK	366	>ABL1-Y353F ISSAMEHLEK	370	4
>ABL1-Y353F QISSAMEYL	6	>ABL1-Y353F QISSAMEHL	35	29
>ABL1-Y353F QISSAMEYL	398	>ABL1-Y353F QISSAMEHL	1157	759
>ABL1-Y353F QISSAMEYL	126	>ABL1-Y353F QISSAMEHL	530	404
>ABL1-Y353F QISSAMEYLE	380	>ABL1-Y353F QISSAMEHLE	535	155
>ABL1-Y353F QISSAMEYLE	33	>ABL1-Y353F QISSAMEHLE	54	21

>ABL1-Y353F QISSAMEY	287	>ABL1-Y353F QISSAMEH	11152	10865
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>ABL1-Y353F QISSAMEY	65	>ABL1-Y353F QISSAMEH	9171	9106
>ABL1-Y353F QISSAMEY	148	>ABL1-Y353F QISSAMEH	13900	13752
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>ABL1-Y353F QISSAMEYL	238	>ABL1-Y353F QISSAMEHL	1377	1139
>ABL1-Y353F QISSAMEY	128	>ABL1-Y353F QISSAMEH	16861	16733
>ABL1-Y353F QISSAMEY	293	>ABL1-Y353F QISSAMEH	13284	12991
>ABL1-Y353F QISSAMEY	483	>ABL1-Y353F QISSAMEH	7671	7188
>ABL1-Y353F QISSAMEY	212	>ABL1-Y353F QISSAMEH	30662	30450
>ABL1-Y353F TQISSAMEYL	442	>ABL1-Y353F TQISSAMEHL	1889	1447
>ABL1-Y353F TQISSAMEYL	31	>ABL1-Y353F TQISSAMEHL	185	154
>ABL1-Y353F TQISSAMEYL	135	>ABL1-Y353F TQISSAMEHL	621	486
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>ABL1-Y353F TQISSAMEYL	42	>ABL1-Y353F TQISSAMEHL	46	4
>ABL1-Y353F TQISSAMEYL	61	>ABL1-Y353F TQISSAMEHL	77	16
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>ABL1-Y353F ATQISSAMEY	59	>ABL1-Y353F ATQISSAMEF	3601	3542
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>ABL1-Y353F ATQISSAMEY	9	>ABL1-Y353F ATQISSAMEF	9	0
>ABL1-Y353F ATQISSAMEY	32	>ABL1-Y353F ATQISSAMEF	165	133
>ABL1-Y353F ATQISSAMEY	18	>ABL1-Y353F ATQISSAMEF	797	779
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>ABL1-Y353F ATQISSAMEY	285	>ABL1-Y353F ATQISSAMEF	167	118
>ABL2-A1901TADGKVVV	377	>ABL2-A1901TTDGKVVV	233	144
>ABL2-A1901TADGKVVV	87	>ABL2-A1901TTDGKVVV	26	61
>ABL2-A1901TADGKVVV	504	>ABL2-A1901TTDGKVVV	109	395

>ABL2-A1901TADGKVYV	336	>ABL2-A1901TTDGKVYV	259	77
>ABL2-A1901TADGKVYV	240	>ABL2-A1901TTDGKVYV	31	209
>ABL2-A1901TADGKVYV	105	>ABL2-A1901TTDGKVYV	21	84
>ABL2-A1901RVYHYRINTT,	106	>ABL2-A1901RVYHYRINTT	1183	1077
>ABL2-A1901RVYHYRINTT,	229	>ABL2-A1901RVYHYRINTT	1524	1295
>ABL2-A1901RVYHYRINTT,	42	>ABL2-A1901RVYHYRINTT	768	726
>ABL2-A1901RVYHYRINTT,	142	>ABL2-A1901RVYHYRINTT	173	31
>ABL2-A1901TTADGKVYV	434	>ABL2-A1901TTTDGKVYV	2184	1750
>ABL2-A1901TTADGKVYV	195	>ABL2-A1901TTTDGKVYV	2237	2042
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>ABL2-A1901TTADGKVYV	49	>ABL2-A1901TTTDGKVYV	133	84
>ABL2-A1901TTADGKVYV	37	>ABL2-A1901TTTDGKVYV	102	65
>ABL2-A1901TTADGKVYV	57	>ABL2-A1901TTTDGKVYV	140	83
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>ABL2-A1901TTADGKVY	110	>ABL2-A1901TTTDGKVY	253	143
>ABL2-A1901TTADGKVY	119	>ABL2-A1901TTTDGKVY	265	146
>ABL2-A1901TTADGKVY	292	>ABL2-A1901TTTDGKVY	954	662
>ABL2-A1901TTADGKVYV	6	>ABL2-A1901TTTDGKVYV	7	1
>ABL2-A1901TTADGKVYVT	255	>ABL2-A1901TTTDGKVYVT	616	361
>ABL2-A1901TTADGKVYVT	10	>ABL2-A1901TTTDGKVYVT	28	18
>ABL2-A1901TTADGKVYV	6	>ABL2-A1901TTTDGKVYV	14	8
>ABL2-A1901TTADGKVYVT	118	>ABL2-A1901TTTDGKVYVT	729	611
>ABL2-A1901TTADGKVY	327	>ABL2-A1901TTTDGKVY	3350	3023
>ABL2-A1901TTADGKVY	13	>ABL2-A1901TTTDGKVY	21	8
>ABL2-A1901TTADGKVY	20	>ABL2-A1901TTTDGKVY	13	7
>ABL2-A1901NTTADGKVY\	494	>ABL2-A1901NTTTDGKVY\	767	273
>ABL2-A1901NTTADGKVY	260	>ABL2-A1901NTTTDGKVY	144	116
>ABL2-A1901NTTADGKV	45	>ABL2-A1901NTTTDGKV	83	38
>ABL2-A1901NTTADGKVY\	37	>ABL2-A1901NTTTDGKVY\	79	42
>ABL2-A1901NTTADGKVY\	77	>ABL2-A1901NTTTDGKVY\	166	89
>ABL2-A1901NTTADGKVY	392	>ABL2-A1901NTTTDGKVY	1409	1017
>ABL2-A1901NTTADGKVY	347	>ABL2-A1901NTTTDGKVY	951	604
>ABL2-A1901NTTADGKVY	167	>ABL2-A1901NTTTDGKVY	116	51
>ABL2-A1901RINTTADGKV	642	>ABL2-A1901RINTTTDGKV	396	246
>ABL2-A1901RINTTADGKV	452	>ABL2-A1901RINTTTDGKV	276	176
>ABL2-A1901RINTTADGKV	546	>ABL2-A1901RINTTTDGKV	360	186
>ABL2-A1901RINTTADGK	202	>ABL2-A1901RINTTTDGK	136	66
>ABL2-A1901RINTTADGK	81	>ABL2-A1901RINTTTDGK	40	41
>ABL2-A1901RINTTADGK	192	>ABL2-A1901RINTTTDGK	74	118
>ABL2-A1901RINTTADGKV	148	>ABL2-A1901RINTTTDGKV	127	21

>ABL2-A1901RINTTADGKV	479	>ABL2-A1901RINTTTDGGK	322	157
>ABL2-A1901RINTTADGKV	139	>ABL2-A1901RINTTTDGGK	107	32
>ABL2-A1901RINTTADGKV	238	>ABL2-A1901RINTTTDGGK	199	39
>ABL2-A1901RINTTADGKV	392	>ABL2-A1901RINTTTDGGK	856	464
>ABL2-A1901RINTTADGKV	385	>ABL2-A1901RINTTTDGGK	597	212
>ABL2-A1901YRINTTADGK	426	>ABL2-A1901YRINTTTDGGK	323	103
>ABL2-A1901YRINTTADGK	255	>ABL2-A1901YRINTTTDGGK	255	0
>ABL2-A1901HYRINTTA	10	>ABL2-A1901HYRINTTT	168	158
>ABL2-A1901HYRINTTADG	66	>ABL2-A1901HYRINTTTDGG	244	178
>ABL2-A1901HYRINTTADG	5	>ABL2-A1901HYRINTTTDGG	5	0
>ABL2-A1901HYRINTTADG	355	>ABL2-A1901HYRINTTTDGG	231	124
>ABL2-A1901YHYRINTTA	248	>ABL2-A1901YHYRINTTT	1305	1057
>ABL2-A1901YHYRINTTA	142	>ABL2-A1901YHYRINTTT	163	21
>ABL2-A1901YHYRINTTAD	619	>ABL2-A1901YHYRINTTTD	499	120
>ABL2-A1901VYHYRINTTA	398	>ABL2-A1901VYHYRINTTT	272	126
>ABL2-E63Q- KENLLGAT	397	>ABL2-E63Q- KQNLLGAT	19902	19505
>ABL2-E63Q- KENLLGAT	98	>ABL2-E63Q- KQNLLGAT	7449	7351
>ABL2-E63Q- KENLLGAT	224	>ABL2-E63Q- KQNLLGAT	14529	14305
>ABL2-E63Q- SSKENLLGA	86	>ABL2-E63Q- SSKQNLLGA	177	91
>ABL2-E63Q- WSSKENLL	57	>ABL2-E63Q- WSSKQNLL	18	39
>ABL2-E63Q- WSSKENLLG	680	>ABL2-E63Q- WSSKQNLLG	361	319
>ABL2-E63Q- RWSSKENLL	803	>ABL2-E63Q- RWSSKQNLL	391	412
>ABL2-E63Q- RWSSKENL	111	>ABL2-E63Q- RWSSKQNL	85	26
>ABL2-E63Q- RWSSKENLL	104	>ABL2-E63Q- RWSSKQNLL	74	30
>ABL2-E63Q- RWSSKENL	177	>ABL2-E63Q- RWSSKQNL	202	25
>ABL2-E63Q- RWSSKENLL	111	>ABL2-E63Q- RWSSKQNLL	106	5
>ABL2-E63Q- RWSSKENLLC	159	>ABL2-E63Q- RWSSKQNLLC	152	7
>ABL2-E63Q- IRWSSKENL	43	>ABL2-E63Q- IRWSSKQNL	16	27
>ABL2-E63Q- IRWSSKENLL	117	>ABL2-E63Q- IRWSSKQNLL	67	50
>ABL2-E63Q- IRWSSKENL	145	>ABL2-E63Q- IRWSSKQNL	130	15
>ABL2-E63Q- IRWSSKENLL	66	>ABL2-E63Q- IRWSSKQNLL	58	8
>ABL2-E63Q- IRWSSKEN	389	>ABL2-E63Q- IRWSSKQN	325	64
>ABL2-E63Q- IRWSSKENLL	369	>ABL2-E63Q- IRWSSKQNLL	312	57
>ABL2-E63Q- IRWSSKENLL	215	>ABL2-E63Q- IRWSSKQNLL	256	41
>ABL2-E63Q- IRWSSKENL	153	>ABL2-E63Q- IRWSSKQNL	72	81
>ABL2-E63Q- IRWSSKENLL	229	>ABL2-E63Q- IRWSSKQNLL	215	14
>ABL2-E63Q- AIRWSSKENL	340	>ABL2-E63Q- AIRWSSKQNI	139	201
>ABL2-E63Q- AIRWSSKENL	430	>ABL2-E63Q- AIRWSSKQNI	283	147
>ABL2-E63Q- AIRWSSKE	2856	>ABL2-E63Q- AIRWSSKQ	396	2460
>ABL2-E63Q- AIRWSSKENL	316	>ABL2-E63Q- AIRWSSKQNI	55	261
>ABL2-E63Q- AIRWSSKENL	94	>ABL2-E63Q- AIRWSSKQNI	39	55
>ABL2-E63Q- AIRWSSKENL	472	>ABL2-E63Q- AIRWSSKQNI	183	289
>ABL2-E63Q- EAIRWSSKEN	132	>ABL2-E63Q- EAIRWSSKQNI	176	44

>ABL2-E63Q- EAIRWSSKEN	55	>ABL2-E63Q- EAIRWSSKQ	179	124
>ABL2-E63Q- EAIRWSSKEN	75	>ABL2-E63Q- EAIRWSSKQ	76	1
>ABL2-P451L PGIDLSQV	6823	>ABL2-P451L LGIDLSQV	425	6398
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>ABL2-P451L PGIDLSQVY	1508	>ABL2-P451L LGIDLSQVY	51	1457
>ABL2-P451L PGIDLSQVY	11339	>ABL2-P451L LGIDLSQVY	175	11164
>ABL2-P451L PGIDLSQVY	1810	>ABL2-P451L LGIDLSQVY	63	1747
>ABL2-P451L PGIDLSQVY	9958	>ABL2-P451L LGIDLSQVY	197	9761
>ABL2-P451L PGIDLSQVY	1234	>ABL2-P451L LGIDLSQVY	215	1019
>ABL2-P451L YPGIDLSQV	19364	>ABL2-P451L YLGIDLSQV	30	19334
>ABL2-P451L YPGIDLSQV	19666	>ABL2-P451L YLGIDLSQV	7	19659
>ABL2-P451L YPGIDLSQV	10817	>ABL2-P451L YLGIDLSQV	4	10813
>ABL2-P451L YPGIDLSQV	11330	>ABL2-P451L YLGIDLSQV	23	11307
>ABL2-P451L YPGIDLSQV	3721	>ABL2-P451L YLGIDLSQV	2	3719
>ABL2-P451L YPGIDLSQV	13345	>ABL2-P451L YLGIDLSQV	3	13342
>ABL2-P451L YPGIDLSQV	7510	>ABL2-P451L YLGIDLSQV	5	7505
>ABL2-P451L YPGIDLSQV	15608	>ABL2-P451L YLGIDLSQV	2	15606
>ABL2-P451L YPGIDLSQ	34001	>ABL2-P451L YLGIDLSQ	18	33983
>ABL2-P451L YPGIDLSQV	3404	>ABL2-P451L YLGIDLSQV	1	3403
>ABL2-P451L YPGIDLSQVY	36048	>ABL2-P451L YLGIDLSQVY	257	35791
>ABL2-P451L YPGIDLSQV	1651	>ABL2-P451L YLGIDLSQV	462	1189
>ABL2-P451L YPGIDLSQVY	2884	>ABL2-P451L YLGIDLSQVY	42	2842
>ABL2-P451L YPGIDLSQVY	3214	>ABL2-P451L YLGIDLSQVY	52	3162
>ABL2-P451L YPGIDLSQVY	958	>ABL2-P451L YLGIDLSQVY	76	882
>ABL2-P451L YPGIDLSQVY	26	>ABL2-P451L YLGIDLSQVY	16089	16063
>ABL2-P451L YPGIDLSQVY	90	>ABL2-P451L YLGIDLSQVY	8027	7937
>ABL2-P451L YPGIDLSQVY	6376	>ABL2-P451L YLGIDLSQVY	462	5914
>ABL2-P451L YPGIDLSQVY	74	>ABL2-P451L YLGIDLSQVY	3453	3379
>ABL2-P451L EIATYGMSPY	20002	>ABL2-P451L EIATYGMSPY	201	19801
>ABL2-P451L EIATYGMSPY	22547	>ABL2-P451L EIATYGMSPY	305	22242
>ABL2-P451L EIATYGMSPY	10136	>ABL2-P451L EIATYGMSPY	300	9836
>ABL2-P451L EIATYGMSPY	14680	>ABL2-P451L EIATYGMSPY	163	14517
>ABL2-P451L EIATYGMSPY	7855	>ABL2-P451L EIATYGMSPY	47	7808
>ABL2-P451L EIATYGMSPY	4767	>ABL2-P451L EIATYGMSPY	14	4753
>ABL2-P451L PYPGIDLSQV	275	>ABL2-P451L PYLGIDLSQV	406	131
>ABL2-P451L PYPGIDLSQV	273	>ABL2-P451L PYLGIDLSQV	51	222
>ABL2-P451L SPYPGIDL	7	>ABL2-P451L SPYLGIDL	13	6
>ABL2-P451L SPYPGIDLSQ\	122	>ABL2-P451L SPYLGIDLSQ\	494	372
>ABL2-P451L SPYPGIDLSQ\	224	>ABL2-P451L SPYLGIDLSQ\	397	173
>ABL2-P451L SPYPGIDL	65	>ABL2-P451L SPYLGIDL	95	30
>ABL2-P451L SPYPGIDLSQ\	285	>ABL2-P451L SPYLGIDLSQ\	335	50
>ABL2-P451L SPYPGIDLSQ\	336	>ABL2-P451L SPYLGIDLSQ\	603	267
>ABL2-P451L SPYPGIDLS	986	>ABL2-P451L SPYLGIDLS	488	498

>ABL2-P451L SPYPGIDLSQ\	256	>ABL2-P451L SPYLGIDLSQ\	144	112
>ABL2-P451L MSPYPGIDL	5	>ABL2-P451L MSPYLGIDL	8	3
>ABL2-P451L MSPYPGIDLS	65	>ABL2-P451L MSPYLGIDLS	124	59
>ABL2-P451L GMSPYPGI	75	>ABL2-P451L GMSPYLG I	61	14
>ABL2-P451L GMSPYPGI	42	>ABL2-P451L GMSPYLG I	21	21
>ABL2-P451L GMSPYPGIDL	76	>ABL2-P451L GMSPYLGIDL	78	2
>ABL2-P451L GMSPYPGIDL	467	>ABL2-P451L GMSPYLGIDL	231	236
>ABL2-P451L GMSPYPGI	11	>ABL2-P451L GMSPYLG I	8	3
>ABL2-P451L GMSPYPGIDL	799	>ABL2-P451L GMSPYLGIDL	484	315
>ABL2-P451L GMSPYPGI	178	>ABL2-P451L GMSPYLG I	66	112
>ABL2-P451L GMSPYPGI	8	>ABL2-P451L GMSPYLG I	12	4
>ABL2-P451L GMSPYPGIDL	101	>ABL2-P451L GMSPYLGIDL	125	24
>ABL2-P451L GMSPYPGI	19	>ABL2-P451L GMSPYLG I	16	3
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>ABL2-P451L GMSPYPGI	28	>ABL2-P451L GMSPYLG I	37	9
>ABL2-P451L GMSPYPGIDL	192	>ABL2-P451L GMSPYLGIDL	107	85
>ABL2-P451L GMSPYPGI	133	>ABL2-P451L GMSPYLG I	382	249
>ABL2-P451L GMSPYPGI	17	>ABL2-P451L GMSPYLG I	14	3
>ABL2-P451L GMSPYPGIDL	39	>ABL2-P451L GMSPYLGIDL	21	18
>ABL2-P451L YGMSPYPGI	232	>ABL2-P451L YGMSPYLG I	416	184
>ABL2-P451L YGMSPYPGI	68	>ABL2-P451L YGMSPYLG I	278	210
>ABL2-P451L YGMSPYPGI	197	>ABL2-P451L YGMSPYLG I	250	53
>ABL2-P451L TYGMSPYP	18026	>ABL2-P451L TYGMSPYL	475	17551
>ABL2-P451L TYGMSPYP	10528	>ABL2-P451L TYGMSPYL	361	10167
>ABL2-P451L TYGMSPYP	9975	>ABL2-P451L TYGMSPYL	26	9949
>ABL2-P451L TYGMSPYPGI	59	>ABL2-P451L TYGMSPYLG I	37	22
>ABL2-P451L TYGMSPYPGI	1321	>ABL2-P451L TYGMSPYLG I	319	1002
>ABL2-P451L ATYGMSPYP	2779	>ABL2-P451L ATYGMSPYL	58	2721
>ABL2-P451L ATYGMSPYP(	116	>ABL2-P451L ATYGMSPYLC	180	64
>ABL2-P451L ATYGMSPYP	38194	>ABL2-P451L ATYGMSPYL	234	37960
>ABL2-P451L ATYGMSPYP	20940	>ABL2-P451L ATYGMSPYL	70	20870
>ABL2-P451L ATYGMSPYP	13170	>ABL2-P451L ATYGMSPYL	54	13116
>ABL2-P451L ATYGMSPYP	18283	>ABL2-P451L ATYGMSPYL	421	17862
>ABL2-P451L ATYGMSPYP(	308	>ABL2-P451L ATYGMSPYLC	234	74
>ABL2-P451L ATYGMSPYP	9675	>ABL2-P451L ATYGMSPYL	28	9647
>ABL2-P451L ATYGMSPYP(	78	>ABL2-P451L ATYGMSPYLC	120	42
>ABL2-P451L ATYGMSPYP	6871	>ABL2-P451L ATYGMSPYL	15	6856
>ABL2-P451L ATYGMSPYP(	28	>ABL2-P451L ATYGMSPYLC	46	18
>ABL2-P451L ATYGMSPYP	13642	>ABL2-P451L ATYGMSPYL	25	13617
>ABL2-P451L ATYGMSPYP(	122	>ABL2-P451L ATYGMSPYLC	341	219
>ABL2-P451L ATYGMSPYP	22440	>ABL2-P451L ATYGMSPYL	26	22414
>ABL2-P451L ATYGMSPYP(	313	>ABL2-P451L ATYGMSPYLC	695	382
>ABL2-P451L ATYGMSPYP	20540	>ABL2-P451L ATYGMSPYL	189	20351



>ABL2-P451L ATYGMSPYP	732	>ABL2-P451L ATYGMSPYL	45	687
>ABL2-P451L ATYGMSPYP	136	>ABL2-P451L ATYGMSPYLC	202	66
>ABL2-P451L ATYGMSPYP	5424	>ABL2-P451L ATYGMSPYL	115	5309
>ABL2-P451L ATYGMSPYP	283	>ABL2-P451L ATYGMSPYLC	1328	1045
>ABL2-P451L ATYGMSPYP	77	>ABL2-P451L ATYGMSPYLC	37	40
>ABL2-P451L ATYGMSPYP	10374	>ABL2-P451L ATYGMSPYL	75	10299
>ABL2-P451L ATYGMSPYP	37	>ABL2-P451L ATYGMSPYLC	83	46
>ABL2-P451L ATYGMSPYP	4950	>ABL2-P451L ATYGMSPYL	4	4946
>ABL2-P451L ATYGMSPYP	10	>ABL2-P451L ATYGMSPYLC	8	2
>ABL2-P451L ATYGMSPYP	3330	>ABL2-P451L ATYGMSPYL	15	3315
>ABL2-P451L ATYGMSPYP	196	>ABL2-P451L ATYGMSPYLC	249	53
>ABL2-P451L ATYGMSPYP	6675	>ABL2-P451L ATYGMSPYL	60	6615
>ABL2-P451L ATYGMSPYP	554	>ABL2-P451L ATYGMSPYLC	381	173
>ABL2-P451L ATYGMSPYP	21361	>ABL2-P451L ATYGMSPYL	167	21194
>ABL2-P451L ATYGMSPYP	15	>ABL2-P451L ATYGMSPYLC	19	4
>ABL2-P451L IATYGMSPYP	23112	>ABL2-P451L IATYGMSPYL	412	22700
>ABL2-P451L IATYGMSPYP	16719	>ABL2-P451L IATYGMSPYL	31	16688
>ABL2-P451L IATYGMSPYP	10277	>ABL2-P451L IATYGMSPYL	110	10167
>ABL2-R483I RACWKWSPA	195	>ABL2-R483I IACWKWSPA	4496	4301
>ABL2-R483I RACWKWSPA	21	>ABL2-R483I IACWKWSPA	117	96
>ABL2-R483I RACWKWSPA	1087	>ABL2-R483I IACWKWSPA	133	954
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>ABL2-R483I RACWKWSPA	166	>ABL2-R483I IACWKWSPA	655	489
>ABL2-R483I MRACWKWS	10484	>ABL2-R483I MIACWKWSF	227	10257
>ABL2-R483I MRACWKWS	9829	>ABL2-R483I MIACWKWSF	131	9698
>ABL2-R483I MRACWKWS	8115	>ABL2-R483I MIACWKWSF	271	7844
>ABL2-R483I MRACWKWS	9794	>ABL2-R483I MIACWKWSF	58	9736
>ABL2-R483I MRACWKWS	19063	>ABL2-R483I MIACWKWSF	158	18905
>ABL2-R483I MRACWKWS	14064	>ABL2-R483I MIACWKWSF	185	13879
>ABL2-R483I MRACWKWS	10407	>ABL2-R483I MIACWKWSF	81	10326
>ABL2-R483I LMRACWKW	3126	>ABL2-R483I LMIACWKWS	40	3086
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>ABL2-R483I LMRACWKW	16	>ABL2-R483I LMIACWKWS	7	9
>ABL2-R483I LMRACWKW	635	>ABL2-R483I LMIACWKWS	19	616
>ABL2-R483I LMRACWKW	533	>ABL2-R483I LMIACWKWS	51	482
>ABL2-R483I LMRACWKW	4967	>ABL2-R483I LMIACWKWS	268	4699
>ABL2-R483I LMRACWKW	3855	>ABL2-R483I LMIACWKWS	334	3521
>ABL2-R483I LMRACWKW	104	>ABL2-R483I LMIACWKWS	46	58
>ABL2-R483I LMRACWKW	1702	>ABL2-R483I LMIACWKW	253	1449
>ABL2-R483I LMRACWKW	26	>ABL2-R483I LMIACWKWS	4531	4505
>ABL2-R483I LMRACWKW	185	>ABL2-R483I LMIACWKWS	186	1
>ABL2-R483I LMRACWKW	349	>ABL2-R483I LMIACWKWS	485	136
>ABL2-R483I LMRACWKW	123	>ABL2-R483I LMIACWKW	162	39

>ABL2-R483I·LMRACWKW	5661	>ABL2-R483I·LMIACWKW	464	5197
>ABL2-R483I·LMRACWKW	856	>ABL2-R483I·LMIACWKWS	335	521
>ABL2-R483I·LMRACWKW	55	>ABL2-R483I·LMIACWKW	59	4
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>ABL2-R483I·LMRACWKW	4250	>ABL2-R483I·LMIACWKW	389	3861
>ABL2-R483I·LMRACWKW	178	>ABL2-R483I·LMIACWKW	152	26
>ABL2-R483I·ELMRACWK	244	>ABL2-R483I·ELMIACWK	594	350
>ABL2-R483I·ELMRACWK	29	>ABL2-R483I·ELMIACWK	23	6
>ABL2-R483I·ELMRACWKV	362	>ABL2-R483I·ELMIACWKW	959	597
>ABL2-R483I·ELMRACWKV	412	>ABL2-R483I·ELMIACWKW	1274	862
>ABL2-R483I·YELMRACW	71	>ABL2-R483I·YELMIACW	32	39
>ABL2-R483I·YELMRACWK	126	>ABL2-R483I·YELMIACWK	114	12
>ABL2-R483I·YELMRACWK	67	>ABL2-R483I·YELMIACWK\	77	10
>ABL2-R483I·YELMRACWK	150	>ABL2-R483I·YELMIACWK\	152	2
>ABL2-R483I·YELMRACW	88	>ABL2-R483I·YELMIACW	34	54
>ABL2-R483I·YELMRACW	70	>ABL2-R483I·YELMIACW	58	12
>ABL2-R483I·YELMRACWK	97	>ABL2-R483I·YELMIACWK\	59	38
>ABL2-R483I·YELMRACW	78	>ABL2-R483I·YELMIACW	22	56
>ABL2-R483I·YELMRACWK	306	>ABL2-R483I·YELMIACWK\	111	195
>ABL2-R483I·YELMRACW	571	>ABL2-R483I·YELMIACW	116	455
>ABL2-R483I·YELMRACWK	14	>ABL2-R483I·YELMIACWK\	10	4
>ABL2-R483I·YELMRACW	193	>ABL2-R483I·YELMIACW	45	148
>ABL2-R483I·YELMRACWK	324	>ABL2-R483I·YELMIACWK\	144	180
>ABL2-R483I·VYELMRACW	609	>ABL2-R483I·VYELMIACW	321	288
>ABL2-R483I·VYELMRACW	120	>ABL2-R483I·VYELMIACWI	91	29
>ABL2-R483I·VYELMRACW	1082	>ABL2-R483I·VYELMIACW	470	612
>ABL2-R483I·VYELMRACW	262	>ABL2-R483I·VYELMIACWI	183	79
>ABL2-R483I·VYELMRACW	117	>ABL2-R483I·VYELMIACWI	88	29
>ABL2-R483I·KVYELMRA	179	>ABL2-R483I·KVYELMIA	165	14
>ABL2-R483I·KVYELMRA	31	>ABL2-R483I·KVYELMIA	31	0
>ABL2-R483I·KVYELMRA	28	>ABL2-R483I·KVYELMIA	21	7
>ABL2-R483I·KVYELMRAC	427	>ABL2-R483I·KVYELMIAC	45	382
>ABL2-R483I·KVYELMRA	92	>ABL2-R483I·KVYELMIA	277	185
>ABL2-R483I·KVYELMRAC	406	>ABL2-R483I·KVYELMIAC	83	323
>ABL2-R483I·KVYELMRA	688	>ABL2-R483I·KVYELMIA	444	244
>ABL2-R483I·KVYELMRAC\	31	>ABL2-R483I·KVYELMIACV	30	1
>ABL2-R483I·KVYELMRAC\	20	>ABL2-R483I·KVYELMIACV	15	5
>ABL2-R483I·KVYELMRA	211	>ABL2-R483I·KVYELMIA	101	110
>ABL2-R483I·KVYELMRAC\	12	>ABL2-R483I·KVYELMIACV	11	1
>ABL2-R483I·KVYELMRAC\	55	>ABL2-R483I·KVYELMIACV	44	11
>ABL2-R483I·KVYELMRAC	273	>ABL2-R483I·KVYELMIAC	185	88
>ABL2-R483I·KVYELMRAC\	81	>ABL2-R483I·KVYELMIACV	63	18
>ABL2-R483I·KVYELMRAC\	280	>ABL2-R483I·KVYELMIACV	87	193

>ABL2-R483I·KVEELMRAC\	19	>ABL2-R483I·KVEELMIACV	11	8
>ABL2-R483I·KVEELMRAC\	97	>ABL2-R483I·KVEELMIACV	110	13
>ABL2-R483I·KVEELMRAC\	35	>ABL2-R483I·KVEELMIACV	21	14
>ABL2-R483I·KVEELMRAC\	831	>ABL2-R483I·KVEELMIACV	232	599
>ABL2-R483I·KVEELMRAC\	218	>ABL2-R483I·KVEELMIACV	97	121
>ABL2-R483I·PPKVYELMR/	840	>ABL2-R483I·PPKVYELMIA	444	396
>ABL2-R483I·CPPKVYELMF	170	>ABL2-R483I·CPPKVYELMI.	52	118
>ABL2-T717A TPRLIKKTL	54	>ABL2-T717A APRLIKKTL	22	32
>ABL2-T717A TPRLIKKTLGL	32	>ABL2-T717A APRLIKKTLGL	19	13
>ABL2-T717A TPRLIKKTL	119	>ABL2-T717A APRLIKKTL	154	35
>ABL2-T717A TPRLIKKTLGL	292	>ABL2-T717A APRLIKKTLGL	369	77
>ABL2-T717A FTPRLIKK	361	>ABL2-T717A FAPRLIKK	3137	2776
>ABL2-T717A FTPRLIKK	171	>ABL2-T717A FAPRLIKK	492	321
>ABL2-T717A FTPRLIKKT	229	>ABL2-T717A FAPRLIKKT	4050	3821
>ABL2-T717A FTPRLIKKTL	6	>ABL2-T717A FAPRLIKKTL	47	41
>ABL2-T717A FTPRLIKKTLG	207	>ABL2-T717A FAPRLIKKTLG	2356	2149
>ABL2-T717A FTPRLIKKTL	316	>ABL2-T717A FAPRLIKKTL	13481	13165
>ABL2-T717A FFTPRLIKKTL	1321	>ABL2-T717A FFAPRLIKKTL	172	1149
>ABL2-T717A FFTPRLIKKTL	74	>ABL2-T717A FFAPRLIKKTL	56	18
>ABL2-T717A FFTPRLIK	743	>ABL2-T717A FFAPRLIK	388	355
>ABL2-T717A FFTPRLIKK	771	>ABL2-T717A FFAPRLIKK	396	375
>ABL2-T717A GFFTPRLIK	342	>ABL2-T717A GFFAPRLIK	242	100
>ABL2-T717A GFFTPRLIKK	178	>ABL2-T717A GFFAPRLIKK	140	38
>ABL2-T717A GFFTPRLIK	94	>ABL2-T717A GFFAPRLIK	62	32
>ABL2-T717A GFFTPRLIKK	203	>ABL2-T717A GFFAPRLIKK	146	57
>ABL2-T717A GFFTPRLIK	123	>ABL2-T717A GFFAPRLIK	74	49
>ABL2-T717A GFFTPRLIKK	200	>ABL2-T717A GFFAPRLIKK	131	69
>ABL2-T717A GFFTPRLIK	775	>ABL2-T717A GFFAPRLIK	499	276
>ABL2-T717A GFFTPRLIKK	342	>ABL2-T717A GFFAPRLIKK	203	139
>ABL2-T717A GFFTPRLIKK	1142	>ABL2-T717A GFFAPRLIKK	477	665
>ABL2-T717A TGFFTPRL	452	>ABL2-T717A TGFFAPRL	407	45
>ABL2-T717A TGFFTPRLIKK	492	>ABL2-T717A TGFFAPRLIKK	462	30
>ABL2-T717A TGFFTPRLIKK	69	>ABL2-T717A TGFFAPRLIKK	76	7
>ABL2-T717A TGFFTPRLIK	451	>ABL2-T717A TGFFAPRLIK	419	32
>ABL2-T717A TGFFTPRLIKK	416	>ABL2-T717A TGFFAPRLIKK	406	10
>ABL2-T717A TGFFTPRLI	424	>ABL2-T717A TGFFAPRLI	436	12
>ABL2-T717A ITGFFTPRL	52	>ABL2-T717A ITGFFAPRL	68	16
>ABL2-T717A ITGFFTPRLIK	90	>ABL2-T717A ITGFFAPRLIK	108	18
>ABL2-T717A ITGFFTPR	68	>ABL2-T717A ITGFFAPR	89	21
>ABL2-T717A ITGFFTPRLIK	17	>ABL2-T717A ITGFFAPRLIK	22	5
>ABL2-T717A ITGFFTPRLIK	107	>ABL2-T717A ITGFFAPRLIK	160	53
>ABL2-T717A ITGFFTPR	16	>ABL2-T717A ITGFFAPR	21	5
>ABL2-T717A ITGFFTPRL	343	>ABL2-T717A ITGFFAPRL	1202	859

>ABL2-T717A <sup>A</sup> ITGFFTPRLI	341	>ABL2-T717A <sup>A</sup> ITGFFAPRLI	787	446
>ABL2-T717A <sup>A</sup> ITGFFTPR	75	>ABL2-T717A <sup>A</sup> ITGFFAPR	89	14
>ABL2-T717A <sup>A</sup> ITGFFTPR	26	>ABL2-T717A <sup>A</sup> ITGFFAPR	22	4
>ABL2-T717A <sup>A</sup> ITGFFTPRLIK	173	>ABL2-T717A <sup>A</sup> ITGFFAPRLIK	189	16
>ABL2-T717A <sup>A</sup> ITGFFTPRL	29	>ABL2-T717A <sup>A</sup> ITGFFAPRL	12	17
>ABL2-T717A <sup>A</sup> ITGFFTPRLI	776	>ABL2-T717A <sup>A</sup> ITGFFAPRLI	476	300
>ABL2-T717A <sup>A</sup> ITGFFTPRL	87	>ABL2-T717A <sup>A</sup> ITGFFAPRL	86	1
>ABL2-T717A <sup>A</sup> ITGFFTPRLI	268	>ABL2-T717A <sup>A</sup> ITGFFAPRLI	235	33
>ABL2-T717A <sup>A</sup> ITGFFTPRL	226	>ABL2-T717A <sup>A</sup> ITGFFAPRL	73	153
>ABL2-T717A <sup>A</sup> ITGFFTPRLI	386	>ABL2-T717A <sup>A</sup> ITGFFAPRLI	264	122
>ABL2-T717A <sup>A</sup> ITGFFTPR	225	>ABL2-T717A <sup>A</sup> ITGFFAPR	334	109
>ABL2-T717A <sup>A</sup> ITGFFTPRLIK	479	>ABL2-T717A <sup>A</sup> ITGFFAPRLIK	590	111
>ABL2-T717A <sup>A</sup> ITGFFTPR	41	>ABL2-T717A <sup>A</sup> ITGFFAPR	48	7
>ABL2-T717A <sup>A</sup> ITGFFTPRLI	27	>ABL2-T717A <sup>A</sup> ITGFFAPRLI	36	9
>ABL2-T717A <sup>A</sup> GITGFFTPRL	212	>ABL2-T717A <sup>A</sup> GITGFFAPRL	392	180
>ABL2-T717A <sup>A</sup> GITGFFTPRL	420	>ABL2-T717A <sup>A</sup> GITGFFAPRL	391	29
>ABL2-T717A <sup>A</sup> GITGFFTPRL	422	>ABL2-T717A <sup>A</sup> GITGFFAPRL	581	159
>ABL2-T717A <sup>A</sup> GITGFFTPRL	16	>ABL2-T717A <sup>A</sup> GITGFFAPRL	20	4
>ABL2-T717A <sup>A</sup> GITGFFTPR	134	>ABL2-T717A <sup>A</sup> GITGFFAPR	116	18
>ABL2-T717A <sup>A</sup> GITGFFTPR	32	>ABL2-T717A <sup>A</sup> GITGFFAPR	24	8
>ABL2-T717A <sup>A</sup> GITGFFTPR	308	>ABL2-T717A <sup>A</sup> GITGFFAPR	175	133
>ABL2-T717A <sup>A</sup> GITGFFTPR	101	>ABL2-T717A <sup>A</sup> GITGFFAPR	71	30
>ABL2-T717A <sup>A</sup> GITGFFTPR	43	>ABL2-T717A <sup>A</sup> GITGFFAPR	35	8
>ABL2-T717A <sup>A</sup> SGITGFFTPRL	372	>ABL2-T717A <sup>A</sup> SGITGFFAPRI	453	81
>ABL2-T717A <sup>A</sup> SGITGFFT	2665	>ABL2-T717A <sup>A</sup> SGITGFFA	268	2397
>ABL2-T717A <sup>A</sup> SGITGFFTPR	124	>ABL2-T717A <sup>A</sup> SGITGFFAPR	53	71
>ABL2-T717A <sup>A</sup> SGITGFFTPR	732	>ABL2-T717A <sup>A</sup> SGITGFFAPR	435	297
>ABL2-T717A <sup>A</sup> SGITGFFTPR	261	>ABL2-T717A <sup>A</sup> SGITGFFAPR	347	86
>ABL2-T717A <sup>A</sup> SGITGFFTPR	65	>ABL2-T717A <sup>A</sup> SGITGFFAPR	57	8
>ABL2-T717A <sup>A</sup> WSGITGFFTP	191	>ABL2-T717A <sup>A</sup> WSGITGFFAP	137	54
>ABL2-T717A <sup>A</sup> WSGITGFFTP	398	>ABL2-T717A <sup>A</sup> WSGITGFFAP	309	89
>ABL2-T717A <sup>A</sup> WSGITGFFTP	157	>ABL2-T717A <sup>A</sup> WSGITGFFAP	140	17
>ABL2-T717A <sup>A</sup> GWSGITGFFT	2203	>ABL2-T717A <sup>A</sup> GWSGITGFFA	391	1812
>ABL2-T717A <sup>A</sup> GWSGITGFFT	598	>ABL2-T717A <sup>A</sup> GWSGITGFFA	420	178
>AFF1-Q120 <sup>Δ</sup> HYTRQGFQQ	3615	>AFF1-Q120 <sup>Δ</sup> HYTRQGFQQ	18	3597
>AFF1-Q120 <sup>Δ</sup> HYTRQGFQQ	8336	>AFF1-Q120 <sup>Δ</sup> HYTRQGFQQ	306	8030
>AFF1-Q120 <sup>Δ</sup> HYTRQGFQQ	2204	>AFF1-Q120 <sup>Δ</sup> HYTRQGFQQ	213	1991
>AFF1-Q120 <sup>Δ</sup> QLQELTKT	1589	>AFF1-Q120 <sup>Δ</sup> QLKELTKT	405	1184
>AFF1-Q120 <sup>Δ</sup> GFQQLQEL	53	>AFF1-Q120 <sup>Δ</sup> GFQQLKEL	138	85
>AFF1-Q120 <sup>Δ</sup> RQGFQQLQ	19761	>AFF1-Q120 <sup>Δ</sup> RQGFQQLK	208	19553
>AFF1-Q120 <sup>Δ</sup> RQGFQQLQ	26108	>AFF1-Q120 <sup>Δ</sup> RQGFQQLK	108	26000
>AFF1-Q120 <sup>Δ</sup> RQGFQQLQ	10894	>AFF1-Q120 <sup>Δ</sup> RQGFQQLK	251	10643
>AFF1-Q120 <sup>Δ</sup> RQGFQQLQ	9193	>AFF1-Q120 <sup>Δ</sup> RQGFQQLK	427	8766

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>AFF1-Q120<TRQGFQQLQ	247	>AFF1-Q120<TRQGFQQLKI	214	33
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>AFF1-Q120<YTRQGFQQLI	27842	>AFF1-Q120<YTRQGFQQLI	164	27678
>AFF3-D1117DYFKNSSKA	5012	>AFF3-D1117HYFKNSSKA	425	4587
>AFF3-D1117DYFKNSSK	2273	>AFF3-D1117HYFKNSSK	7	2266
>AFF3-D1117DYFKNSSKA	12924	>AFF3-D1117HYFKNSSKA	103	12821
>AFF3-D1117DYFKNSSKAA	11534	>AFF3-D1117HYFKNSSKAA	62	11472
>AFF3-D1117DYFKNSSK	8917	>AFF3-D1117HYFKNSSK	328	8589
>AFF3-D1117DYFKNSSK	112	>AFF3-D1117HYFKNSSK	424	312
>AFF3-D1117DYFKNSSK	92	>AFF3-D1117HYFKNSSK	116	24
>AFF3-D1117DYFKNSSK	910	>AFF3-D1117HYFKNSSK	55	855
>AFF3-D1117DYFKNSSKAA	5809	>AFF3-D1117HYFKNSSKAA	323	5486
>AFF3-D1117IDYFKNSSKA/	5640	>AFF3-D1117IHYFKNSSKA/	408	5232
>AFF3-D1117LIDYFKNSSK	33	>AFF3-D1117LIHYFKNSSK	20	13
>AFF3-D1117LIDYFKNSSK	120	>AFF3-D1117LIHYFKNSSK	158	38
>AFF3-D1117LIDYFKNSSK	7556	>AFF3-D1117LIHYFKNSSK	18	7538
>AFF3-D1117LIDYFKNSSK	1041	>AFF3-D1117LIHYFKNSSK	444	597
>AFF3-D1117ALIDYFKNS	276	>AFF3-D1117ALIHYFKNS	1458	1182
>AFF3-D1117ALIDYFKNS	399	>AFF3-D1117ALIHYFKNS	1160	761
>AFF3-D1117ALIDYFKNS	377	>AFF3-D1117ALIHYFKNS	7652	7275
>AFF3-D1117ALIDYFKNSS	290	>AFF3-D1117ALIHYFKNSS	5035	4745
>AFF3-D1117ALIDYFKNSSk	265	>AFF3-D1117ALIHYFKNSSk	4518	4253
>AFF3-D1117ALIDYFKNSSk	137	>AFF3-D1117ALIHYFKNSSk	68	69
>AFF3-D1117ALIDYFKNSSk	34	>AFF3-D1117ALIHYFKNSSk	52	18
>AFF3-D1117ALIDYFKNSSk	629	>AFF3-D1117ALIHYFKNSSk	345	284
>AFF3-D1117KALIDYFK	670	>AFF3-D1117KALIHYFK	101	569
>AFF3-D1117KALIDYFK	26	>AFF3-D1117KALIHYFK	13	13
>AFF3-D1117KALIDYFK	21	>AFF3-D1117KALIHYFK	6	15
>AFF3-D1117KALIDYFK	27	>AFF3-D1117KALIHYFK	9	18
>AFF3-D1117KALIDYFK	415	>AFF3-D1117KALIHYFK	187	228
>AFF3-D1117KALIDYFK	190	>AFF3-D1117KALIHYFK	97	93
>AFF3-D1117SKALIDYFK	2077	>AFF3-D1117SKALIHYFK	446	1631
>AFF3-D1117SKALIDYFK	232	>AFF3-D1117SKALIHYFK	126	106
>AFF3-D1117SKALIDYF	74	>AFF3-D1117SKALIHYF	21	53

>AFF3-D1117YSKALIDY	733	>AFF3-D1117YSKALIHY	390	343
>AFF3-D1117YSKALIDYFK	264	>AFF3-D1117YSKALIHYFK	49	215
>AFF3-D1117YSKALIDYFK	22	>AFF3-D1117YSKALIHYFK	16	6
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>AFF3-D1117YSKALIDY	442	>AFF3-D1117YSKALIHY	713	271
>AFF3-D1117YSKALIDY	257	>AFF3-D1117YSKALIHY	49	208
>AFF3-D1117YSKALIDYF	150	>AFF3-D1117YSKALIHYF	116	34
>AFF3-D1117YSKALIDY	235	>AFF3-D1117YSKALIHY	128	107
>AFF3-D1117YSKALIDYFK	26	>AFF3-D1117YSKALIHYFK	6	20
>AFF3-D1117YSKALIDY	715	>AFF3-D1117YSKALIHY	293	422
>AFF3-D1117YSKALIDYFK	155	>AFF3-D1117YSKALIHYFK	38	117
>AFF3-D1117YSKALIDYFK	2075	>AFF3-D1117YSKALIHYFK	425	1650
>AFF3-D1117YSKALIDYFK	5	>AFF3-D1117YSKALIHYFK	6	1
>AFF3-D1117YSKALIDY	456	>AFF3-D1117YSKALIHY	131	325
>AFF3-D1117YSKALIDY	125	>AFF3-D1117YSKALIHY	48	77
>AFF3-D1117YSKALIDYF	87	>AFF3-D1117YSKALIHYF	59	28
>AFF3-D1117YSKALIDY	122	>AFF3-D1117YSKALIHY	62	60
>AFF3-D1117YSKALIDYF	96	>AFF3-D1117YSKALIHYF	26	70
>AFF3-D1117YSKALIDY	13	>AFF3-D1117YSKALIHY	6	7
>AFF3-D1117YSKALIDYF	11	>AFF3-D1117YSKALIHYF	5	6
>AFF3-D1117YSKALIDYF	675	>AFF3-D1117YSKALIHYF	121	554
>AFF3-D1117YSKALIDYF	133	>AFF3-D1117YSKALIHYF	29	104
>AFF3-D1117YSKALIDYF	103	>AFF3-D1117YSKALIHYF	22	81
>AFF3-D1117YSKALIDY	163	>AFF3-D1117YSKALIHY	111	52
>AFF3-D1117YSKALIDYF	27	>AFF3-D1117YSKALIHYF	31	4
>AFF3-D1117KYSKALIDYFK	143	>AFF3-D1117KYSKALIHYFK	74	69
>AFF3-D1117KYSKALIDYF	147	>AFF3-D1117KYSKALIHYF	29	118
>AFF3-D1117KYSKALIDYFK	706	>AFF3-D1117KYSKALIHYFK	476	230
>AFF3-D1117KYSKALIDYF	116	>AFF3-D1117KYSKALIHYF	52	64
>AFF3-D1117KYSKALIDY	336	>AFF3-D1117KYSKALIHY	146	190
>AFF3-D1117KYSKALIDYF	4	>AFF3-D1117KYSKALIHYF	4	0
>AFF3-D1117KYSKALIDYFK	775	>AFF3-D1117KYSKALIHYFK	466	309
>AFF3-D1117KYSKALIDY	386	>AFF3-D1117KYSKALIHY	372	14
>AFF3-D1117KYSKALIDYF	895	>AFF3-D1117KYSKALIHYF	362	533
>AFF3-D1117KYSKALIDY	935	>AFF3-D1117KYSKALIHY	74	861
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>AFF3-D1117KYSKALIDY	148	>AFF3-D1117KYSKALIHY	88	60
>AFF3-D1117KYSKALIDYF	1671	>AFF3-D1117KYSKALIHYF	443	1228
>AFF3-D1117KYSKALIDYFK	45	>AFF3-D1117KYSKALIHYFK	18	27
>AFF3-D1117KYSKALIDY	73	>AFF3-D1117KYSKALIHY	41	32
>AFF3-D1117KYSKALIDYF	699	>AFF3-D1117KYSKALIHYF	396	303
>AFF3-D1117KYSKALIDY	101	>AFF3-D1117KYSKALIHY	97	4
>AFF3-D1117KYSKALIDYFK	19	>AFF3-D1117KYSKALIHYFK	14	5

>AFF3-D1117KYSKALIDYF	820	>AFF3-D1117KYSKALIHYP	386	434
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>AFF3-D1117KYSKALIDYFK	360	>AFF3-D1117KYSKALIHYPK	265	95
>AFF3-D1117VKYSKALIDY	383	>AFF3-D1117VKYSKALIHYP	395	12
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>AFF3-D1117VKYSKALIDY	6	>AFF3-D1117VKYSKALIHYP	4	2
>AFF3-D1117VKYSKALIDYF	4	>AFF3-D1117VKYSKALIHYP	3	1
>AFF3-D1117AVKYSKALID\	185	>AFF3-D1117AVKYSKALIH\	50	135
>AFF3-D1117AVKYSKALID\	130	>AFF3-D1117AVKYSKALIH\	23	107
>AFF3-D1117AVKYSKALID\	150	>AFF3-D1117AVKYSKALIH\	116	34
>AFF3-D1117AVKYSKALID\	278	>AFF3-D1117AVKYSKALIH\	74	204
>AFF3-D1117AVKYSKALID\	694	>AFF3-D1117AVKYSKALIH\	271	423
>AFF3-T220I-TQERPPAMA	445	>AFF3-T220I-IQERPPAMA/	1011	566
>AFF3-T220I-TQERPPAM	1296	>AFF3-T220I-IQERPPAM	161	1135
>AFF3-T220I-TQERPPAM	233	>AFF3-T220I-IQERPPAM	2982	2749
>AFF3-T220I-QTQERPPAM	213	>AFF3-T220I-QIQERPPAM	1702	1489
>AFF3-T220I-QTQERPPAM	155	>AFF3-T220I-QIQERPPAM	2312	2157
>AFF3-T220I-QTQERPPAM	471	>AFF3-T220I-QIQERPPAM	1710	1239
>AFF3-T220I-QTQERPPAM	50	>AFF3-T220I-QIQERPPAM	7706	7656
>AFF3-T220I-QTQERPPAM	138	>AFF3-T220I-QIQERPPAM/	7166	7028
>AFF3-T220I-QVCNVEVGLI	15060	>AFF3-T220I-QVCNVEVGLI	239	14821
>AFF3-T220I-LQTQERPPA	358	>AFF3-T220I-LQIQERPPA	64	294
>AFF3-T220I-LQTQERPPAM	1673	>AFF3-T220I-LQIQERPPAM	269	1404
>AFF3-T220I-LQTQERPPA	2500	>AFF3-T220I-LQIQERPPA	164	2336
>AFF3-T220I-LQTQERPPAM	361	>AFF3-T220I-LQIQERPPAM	50	311
>AFF3-T220I-LQTQERPPA	1552	>AFF3-T220I-LQIQERPPA	329	1223
>AFF3-T220I-LQTQERPPAM	45	>AFF3-T220I-LQIQERPPAM	12	33
>AFF3-T220I-LQTQERPPAM	1024	>AFF3-T220I-LQIQERPPAM	133	891
>AFF3-T220I-GLQTQERPPA/	395	>AFF3-T220I-GLQIQERPPA	766	371
>AFF3-T220I-GLQTQERPPA/	180	>AFF3-T220I-GLQIQERPPA	183	3
>AFF3-T220I-EVGLQTQER	656	>AFF3-T220I-EVGLQIQER	281	375
>AFF3-T220I-EVGLQTQER	54	>AFF3-T220I-EVGLQIQER	71	17
>AFF3-T220I-VEVGLQTQ	336	>AFF3-T220I-VEVGLQIQ	834	498
>AFF3-T220I-NVEVGLQTQ	243	>AFF3-T220I-NVEVGLQIQE	316	73
>AFF3-T220I-CNVEVGLQT	34420	>AFF3-T220I-CNVEVGLQI	198	34222
>AFF3-V670M-VTCEKRRTRG	200	>AFF3-V670M-MTCEKRRTRC	153	47
>AFF3-V670M-VTCEKRRTR	67	>AFF3-V670M-MTCEKRRTR	16	51
>AFF3-V670M-VTCEKRRTR	97	>AFF3-V670M-MTCEKRRTR	22	75
>AFF3-V670M-VTCEKRRTR	713	>AFF3-V670M-MTCEKRRTR	14	699
>AFF3-V670M-VTCEKRRTRG	12962	>AFF3-V670M-MTCEKRRTRC	310	12652
>AFF3-V670M-VTCEKRRTRG	43	>AFF3-V670M-MTCEKRRTRC	29	14
>AFF3-V670M-VTCEKRRTRG	2163	>AFF3-V670M-MTCEKRRTRC	448	1715

>AFF3-V670MSVTCEKRR	1203	>AFF3-V670MSMTCEKRR	397	806
>AFF3-V670MSVTCEKRRTR	78	>AFF3-V670MSMTCEKRRTF	39	39
>AFF3-V670MSVTCEKRR	161	>AFF3-V670MSMTCEKRR	1084	923
>AFF3-V670MSVTCEKRRTR	1376	>AFF3-V670MSMTCEKRRTF	228	1148
>AFF3-V670MSVTCEKRR	895	>AFF3-V670MSMTCEKRR	186	709
>AFF3-V670MSHRKELRSSI	55	>AFF3-V670MSHRKELRSSI	89	34
>AFF3-V670MSHRKELRSSI	1338	>AFF3-V670MSHRKELRSSI	357	981
>AFF3-V670MSHRKELRSSI	2173	>AFF3-V670MSHRKELRSSI	28	2145
>AFF3-V670MSHRKELRSSI	1613	>AFF3-V670MSHRKELRSSI	102	1511
>AFF3-V670MSVTCEKR	2864	>AFF3-V670MSMTCEKR	174	2690
>AFF3-V670MSVTCEKR	441	>AFF3-V670MSMTCEKR	124	317
>AFF3-V670MSVTCEKRR	888	>AFF3-V670MSMTCEKRR	257	631
>AFF3-V670MSVTCEKRRTI	241	>AFF3-V670MSMTCEKRRTI	75	166
>AFF3-V670MSVTCEKR	72	>AFF3-V670MSMTCEKR	56	16
>AFF3-V670MSVTCEKRR	406	>AFF3-V670MSMTCEKRR	269	137
>AFF3-V670MSVTCEKRRTI	272	>AFF3-V670MSMTCEKRRTI	185	87
>AFF3-V670MSVTCEKR	697	>AFF3-V670MSMTCEKR	324	373
>AFF3-V670MSVTCEKRR	935	>AFF3-V670MSMTCEKRR	387	548
>AFF3-V670MSVTCEKRR	524	>AFF3-V670MSMTCEKRR	404	120
>AFF3-V670MRSSVTCEK	262	>AFF3-V670MRSSMTCEK	231	31
>AFF3-V670MRSSVTCEK	23	>AFF3-V670MRSSMTCEK	18	5
>AFF3-V670MRSSVTCEK	20	>AFF3-V670MRSSMTCEK	19	1
>AFF3-V670MRSSVTCEK	228	>AFF3-V670MRSSMTCEK	235	7
>AFF3-V670MRSSVTCEKR	38	>AFF3-V670MRSSMTCEKR	33	5
>AFF3-V670MRSSVTCEKRR	40	>AFF3-V670MRSSMTCEKRF	22	18
>AFF3-V670MRSSVTCEKR	271	>AFF3-V670MRSSMTCEKR	192	79
>AFF3-V670MRSSVTCEK	297	>AFF3-V670MRSSMTCEK	208	89
>AFF3-V670MRSSVTCEKF	165	>AFF3-V670MRSSMTCEK	110	55
>AFF3-V670MRSSVTCEK	426	>AFF3-V670MRSSMTCEK	289	137
>AFF3-V670MRSSVTCEKF	58	>AFF3-V670MRSSMTCEK	61	3
>AFF3-V670MKELRSSVTCEI	382	>AFF3-V670MKELRSSMTCE	211	171
>AFF3-V670MKELRSSVT	182	>AFF3-V670MKELRSSMT	204	22
>AFF3-V670MKELRSSVT	153	>AFF3-V670MKELRSSMT	364	211
>AFF3-V670MKELRSSVTC	405	>AFF3-V670MKELRSSMTC	736	331
>AFF3-V670MKELRSSVTC	387	>AFF3-V670MKELRSSMTC	432	45
>AFF3-V670MRKELRSSV	970	>AFF3-V670MRKELRSSM	218	752
>AFF3-V670MRKELRSSV	631	>AFF3-V670MRKELRSSM	201	430
>AFF3-V670MRKELRSSV	147	>AFF3-V670MRKELRSSM	44	103
>AFF3-V670MRKELRSSVT	202	>AFF3-V670MRKELRSSMT	205	3
>AFF3-V670MRKELRSSV	228	>AFF3-V670MRKELRSSM	155	73
>AFF3-V670MSHRKELRSSV	846	>AFF3-V670MSHRKELRSSM	176	670
>AFF4-G539E GSESGRGR	3681	>AFF4-G539E ESESGRGR	61	3620
>AFF4-G539E IQKGESEGR	411	>AFF4-G539E IQKESEGR	375	36



>AFF4-G539EIQKGESESGR	760	>AFF4-G539EIQKESESGR	272	488
>AFF4-G539EIQKGESESGRG	880	>AFF4-G539EIQKESESGRG	357	523
>AFF4-G539ETIQKGESESGR	462	>AFF4-G539ETIQKESESGR	962	500
>AFF4-G539ETIQKGESESGR	229	>AFF4-G539ETIQKESESGR	496	267
>AFF4-G539EKTIQKGESESG	71	>AFF4-G539EKTIQKESESGF	93	22
>AFF4-G539EKTIQKGESESG	129	>AFF4-G539EKTIQKESESGF	88	41
>AFF4-G539EKTIQKGESES	342	>AFF4-G539EKTIQKESES	1125	783
>AFF4-G539EKTIQKGESESG	431	>AFF4-G539EKTIQKESESGF	830	399
>AFF4-G539EKTIQKGESESG	403	>AFF4-G539EKTIQKESESGF	393	10
>AFF4-S178CRSSSPGKPKQA	406	>AFF4-S178CRSSSPGKPKQA	3696	3290
>AFF4-S178CRSSSPGKPKQA	89	>AFF4-S178CRSSSPGKPKQA	1047	958
>AFF4-S178CRSSSPGKPKQA	99	>AFF4-S178CRSSSPGKPKQA	16428	16329
>AFF4-S178CKSRSSSPGK	49	>AFF4-S178CKSRCSSPGK	58	9
>AFF4-S178CKSRSSSPGK	288	>AFF4-S178CKSRCSSPGK	399	111
>AFF4-S178CKSRSSSPG	5	>AFF4-S178CKSRCSSPG	6	1
>AFF4-S178CKSRSSSPGK	3	>AFF4-S178CKSRCSSPGK	3	0
>AFF4-S178CKSRSSSPGPK	25	>AFF4-S178CKSRCSSPGPK	23	2
>AFF4-S178CKSRSSSPGPK	10	>AFF4-S178CKSRCSSPGPK	9	1
>AFF4-S178CKSRSSSPGK	292	>AFF4-S178CKSRCSSPGK	672	380
>AFF4-S178CKSRSSSPG	209	>AFF4-S178CKSRCSSPG	296	87
>AFF4-S178CKSRSSSPGK	328	>AFF4-S178CKSRCSSPGK	278	50
>AFF4-S178CKSRSSSPGPK	96	>AFF4-S178CKSRCSSPGPK	98	2
>AFF4-S178CKSKRSSSP	340	>AFF4-S178CKSKRCSSP	1011	671
>AFF4-S178CKSKRSSSPG	394	>AFF4-S178CKSKRCSSPG	1264	870
>AFF4-S178CKSKRSSSPGK	294	>AFF4-S178CKSKRCSSPGK	514	220
>AFF4-S178CHSKSRSSSPG	104	>AFF4-S178CHSKSRCSSPG	145	41
>AFF4-S178CHSKSRSSS	54	>AFF4-S178CHSKSRCSS	92	38
>AFF4-S178CHSKSRSSSP	116	>AFF4-S178CHSKSRCSSP	1059	943
>AFF4-S178CHSKSRSSSPG	20	>AFF4-S178CHSKSRCSSPG	92	72
>AFF4-S178CHSKSRSSSPG	3	>AFF4-S178CHSKSRCSSPG	5	2
>AFF4-S178CHSKSRSSSPG	255	>AFF4-S178CHSKSRCSSPG	293	38
>AFF4-S178CHSKSRSSSPG	213	>AFF4-S178CHSKSRCSSPG	227	14
>AFF4-S178CSEHSKRSS	614	>AFF4-S178CSEHSKRCS	279	335
>AFF4-S757TASEKVSNIK	118	>AFF4-S757TATEKVSNIK	69	49
>AFF4-S757TASEKVSNIKGG	857	>AFF4-S757TATEKVSNIKGG	408	449
>AFF4-S757TASEKVSNIK	519	>AFF4-S757TATEKVSNIK	236	283
>AFF4-S757TASEKVSNIKGG	890	>AFF4-S757TATEKVSNIKGG	413	477
>AFF4-S757TASEKVSNIKGG	710	>AFF4-S757TATEKVSNIKGG	342	368
>AFF4-S757TASEKVSNIK	2338	>AFF4-S757TATEKVSNIK	408	1930
>AFF4-S757TASEKVSNIKGG	1037	>AFF4-S757TATEKVSNIKGG	191	846
>AFF4-S757TASEKVSNIK	533	>AFF4-S757TATEKVSNIK	311	222
>AFF4-S757TQASEKVSNIK	444	>AFF4-S757TQATEKVSNIK	1474	1030
>AFF4-S757TQASEKVSNIK	190	>AFF4-S757TQATEKVSNIK	199	9

>AFF4-S757T KQASEKVSNK	297	>AFF4-S757T KQATEKVSNK	326	29
>AFF4-S757T KQASEKVSNK	215	>AFF4-S757T KQATEKVSNK	386	171
>AFF4-S757T AQKQASEKV	653	>AFF4-S757T AQKQATEKV	346	307
>AFF4-S757T AQKQASEKV	341	>AFF4-S757T AQKQATEKV	294	47
>AFF4-S757T AQKQASEK	77	>AFF4-S757T AQKQATEK	166	89
>AFF4-S757T AQKQASEKV	448	>AFF4-S757T AQKQATEKV	1014	566
>AFF4-S757T AQKQASEK	475	>AFF4-S757T AQKQATEK	607	132
>AFF4-S757T AQKQASEKV	429	>AFF4-S757T AQKQATEKV	598	169
>AFF4-S757T EAQKQASEK	52	>AFF4-S757T EAQKQATEK	76	24
>AFF4-S757T EAQKQASEK\	209	>AFF4-S757T EAQKQATEK\	157	52
>AFF4-S757T REAQKQASEI	297	>AFF4-S757T REAQKQATEI	246	51
>AFF4-S757T REAQKQASEI	157	>AFF4-S757T REAQKQATEI	138	19
>AFF4-S757T REAQKQAS	300	>AFF4-S757T REAQKQAT	83	217
>AFF4-S757T REAQKQASEI	255	>AFF4-S757T REAQKQATEI	253	2
>AFF4-S757T REAQKQASEI	11	>AFF4-S757T REAQKQATEI	9	2
>AFF4-S757T HTREAQKQA	18	>AFF4-S757T HTREAQKQA	32	14
>AFF4-S757T HTREAQKQA	87	>AFF4-S757T HTREAQKQA	119	32
>AKAP9-A27:AEKLQEEL	1305	>AKAP9-A27:TEKLQEEL	284	1021
>AKAP9-A27:AEKLQEELL	914	>AKAP9-A27:TEKLQEELL	139	775
>AKAP9-A27:AEKLQEELLV	509	>AKAP9-A27:TEKLQEELLV	87	422
>AKAP9-A27:AEKLQEEL	328	>AKAP9-A27:TEKLQEEL	860	532
>AKAP9-A27:AEKLQEEL	47	>AKAP9-A27:TEKLQEEL	114	67
>AKAP9-A27:AEKLQEELL	155	>AKAP9-A27:TEKLQEELL	442	287
>AKAP9-A27:AEKLQEELLV	231	>AKAP9-A27:TEKLQEELLV	3124	2893
>AKAP9-A27:AEKLQEELL	24	>AKAP9-A27:TEKLQEELL	209	185
>AKAP9-A27:AEKLQEELLV	210	>AKAP9-A27:TEKLQEELLV	1024	814
>AKAP9-A27:KAEKLQEEL	7653	>AKAP9-A27:KTEKLQEEL	256	7397
>AKAP9-A27:KAEKLQEEL	3397	>AKAP9-A27:KTEKLQEEL	259	3138
>AKAP9-A27:KAEKLQEELL	5212	>AKAP9-A27:KTEKLQEELL	463	4749
>AKAP9-A27:KAEKLQEEL	3667	>AKAP9-A27:KTEKLQEEL	180	3487
>AKAP9-A27:KAEKLQEELL\	6188	>AKAP9-A27:KTEKLQEELL\	392	5796
>AKAP9-A27:KEKAEKLQEE	216	>AKAP9-A27:KEKTEKLQEEI	364	148
>AKAP9-A27:KEKAEKLQEE	42	>AKAP9-A27:KEKTEKLQEEI	129	87
>AKAP9-A27:KEKAEKLQEE	127	>AKAP9-A27:KEKTEKLQEEI	72	55
>AKAP9-A27:SYKEKAEKL	59	>AKAP9-A27:SYKEKTEKL	24	35
>AKAP9-A27:SYKEKAEK	21	>AKAP9-A27:SYKEKTEK	39	18
>AKAP9-A27:SYKEKAEK	355	>AKAP9-A27:SYKEKTEK	293	62
>AKAP9-A27:ASYKEKAEK	151	>AKAP9-A27:ASYKEKTEK	135	16
>AKAP9-A27:ASYKEKAEK	33	>AKAP9-A27:ASYKEKTEK	38	5
>AKAP9-A27:ASYKEKAEK	174	>AKAP9-A27:ASYKEKTEK	1177	1003
>AKAP9-A27:ASYKEKAEKL	22	>AKAP9-A27:ASYKEKTEKL	38	16
>AKAP9-A27:ASYKEKAEK	299	>AKAP9-A27:ASYKEKTEK	198	101
>AKAP9-A27:LASYKEKAEK	518	>AKAP9-A27:LASYKEKTEK	281	237

>AKAP9-A27: LASYKEKA EK	235	>AKAP9-A27: LASYKEKTEK	441	206
>AKAP9-A27: LASYKEKA EKI	368	>AKAP9-A27: LASYKEKTEKL	532	164
>AKAP9-A27: ELASYKEKA	276	>AKAP9-A27: ELASYKEKT	3883	3607
>AKAP9-A27: ELASYKEKA EI	21	>AKAP9-A27: ELASYKEKTEK	26	5
>AKAP9-A27: ELASYKEKA	262	>AKAP9-A27: ELASYKEKT	4354	4092
>AKAP9-A27: AELASYKEKA	147	>AKAP9-A27: AELASYKEKT	772	625
>AKAP9-A27: AELASYKEKA I	254	>AKAP9-A27: AELASYKEKTI	622	368
>AKAP9-A27: AELASYKEKA	290	>AKAP9-A27: AELASYKEKT	293	3
>AKAP9-D23: TTDNKVIEEK	977	>AKAP9-D23: TTHNKVIEEK	390	587
>AKAP9-D23: TTDNKVIEEK	48	>AKAP9-D23: TTHNKVIEEK	63	15
>AKAP9-D23: TTDNKVIEEK	10899	>AKAP9-D23: TTHNKVIEEK	81	10818
>AKAP9-D23: TTDNKVIEEK	191	>AKAP9-D23: TTHNKVIEEK	69	122
>AKAP9-D23: TTDNKVIEEK	485	>AKAP9-D23: TTHNKVIEEK	484	1
>AKAP9-D23: ITTDNKVIEEK	78	>AKAP9-D23: ITTHNKVIEEK	130	52
>AKAP9-D23: ITTDNKVIEEK	19	>AKAP9-D23: ITTHNKVIEEK	30	11
>AKAP9-D23: ITTDNKVI	141	>AKAP9-D23: ITTHNKVI	140	1
>AKAP9-D23: ITTDNKVI	692	>AKAP9-D23: ITTHNKVI	322	370
>AKAP9-D23: ITTDNKVIEEK	784	>AKAP9-D23: ITTHNKVIEEK	455	329
>AKAP9-D23: ITTDNKVI	138	>AKAP9-D23: ITTHNKVI	107	31
>AKAP9-D23: KITTDNKV	1033	>AKAP9-D23: KITTHNKV	251	782
>AKAP9-D23: KITTDNKV	395	>AKAP9-D23: KITTHNKV	847	452
>AKAP9-D23: KITTDNKV	72	>AKAP9-D23: KITTHNKV	61	11
>AKAP9-D23: KITTDNKVI	854	>AKAP9-D23: KITTHNKVI	304	550
>AKAP9-D23: LKITTDNK	812	>AKAP9-D23: LKITTHNK	170	642
>AKAP9-D23: LKITTDNKV	195	>AKAP9-D23: LKITTHNKV	41	154
>AKAP9-D23: LKITTDNKVI	35	>AKAP9-D23: LKITTHNKVI	17	18
>AKAP9-D23: QLKITTDNKV	384	>AKAP9-D23: QLKITTHNKV	636	252
>AKAP9-D23: QLKITTDNKV	260	>AKAP9-D23: QLKITTHNKV	141	119
>AKAP9-D23: QLKITTDNKV	27	>AKAP9-D23: QLKITTHNKV	9	18
>AKAP9-D23: QLKITTDNK	2313	>AKAP9-D23: QLKITTHNK	268	2045
>AKAP9-D23: QLKITTDNK	220	>AKAP9-D23: QLKITTHNK	19	201
>AKAP9-D23: QLKITTDNK	5682	>AKAP9-D23: QLKITTHNK	391	5291
>AKAP9-D23: QLKITTDNKV	1596	>AKAP9-D23: QLKITTHNKV	191	1405
>AKAP9-D23: QQLKITTDNK	90	>AKAP9-D23: QQLKITTHNK	68	22
>AKAP9-D23: QQLKITTDNK	866	>AKAP9-D23: QQLKITTHNK	261	605
>AKAP9-D23: QQLKITTDNK	576	>AKAP9-D23: QQLKITTHNK	255	321
>AKAP9-D23: QQLKITTD	10394	>AKAP9-D23: QQLKITTH	428	9966
>AKAP9-D23: QQLKITTDNK	377	>AKAP9-D23: QQLKITTHNK	181	196
>AKAP9-D23: QQLKITTDNK	1307	>AKAP9-D23: QQLKITTHNK	272	1035
>AKAP9-D23: QQQLKITTDN	650	>AKAP9-D23: QQQLKITTHN	216	434
>AKAP9-E26: LLELQKLL	737	>AKAP9-E26: LLDLQKLL	407	330
>AKAP9-E26: LLELQKLL	3702	>AKAP9-E26: LLDLQKLL	266	3436
>AKAP9-E26: LLELQKLL	8844	>AKAP9-E26: LLDLQKLL	369	8475

>AKAP9-E26 <sup>5</sup> LLELQKLL	50	>AKAP9-E26 <sup>5</sup> LLDLQKLL	31	19
>AKAP9-E26 <sup>5</sup> KLELQKLL	22	>AKAP9-E26 <sup>5</sup> KLLDLQKL	20	2
>AKAP9-E26 <sup>5</sup> KLELQKLL	33	>AKAP9-E26 <sup>5</sup> KLLDLQKLL	28	5
>AKAP9-E26 <sup>5</sup> KLELQKLL	36	>AKAP9-E26 <sup>5</sup> KLLDLQKL	27	9
>AKAP9-E26 <sup>5</sup> KLELQKLL	81	>AKAP9-E26 <sup>5</sup> KLLDLQKLL	51	30
>AKAP9-E26 <sup>5</sup> KLELQKLL	175	>AKAP9-E26 <sup>5</sup> KLLDLQKL	159	16
>AKAP9-E26 <sup>5</sup> KLELQKLL	442	>AKAP9-E26 <sup>5</sup> KLLDLQKLL	434	8
>AKAP9-E26 <sup>5</sup> KLELQKLL	45	>AKAP9-E26 <sup>5</sup> KLLDLQKL	46	1
>AKAP9-E26 <sup>5</sup> KLELQKLL	292	>AKAP9-E26 <sup>5</sup> KLLDLQKLL	316	24
>AKAP9-E26 <sup>5</sup> KLELQKLL	3	>AKAP9-E26 <sup>5</sup> KLLDLQKL	4	1
>AKAP9-E26 <sup>5</sup> KLELQKLL	6	>AKAP9-E26 <sup>5</sup> KLLDLQKLL	9	3
>AKAP9-E26 <sup>5</sup> KLELQKLLLEC	304	>AKAP9-E26 <sup>5</sup> KLLDLQKLLLEC	454	150
>AKAP9-E26 <sup>5</sup> KLELQKLL	8	>AKAP9-E26 <sup>5</sup> KLLDLQKL	7	1
>AKAP9-E26 <sup>5</sup> KLELQKLL	27	>AKAP9-E26 <sup>5</sup> KLLDLQKLL	29	2
>AKAP9-E26 <sup>5</sup> KLELQKLL	8	>AKAP9-E26 <sup>5</sup> KLLDLQKL	8	0
>AKAP9-E26 <sup>5</sup> KLELQKLL	14	>AKAP9-E26 <sup>5</sup> KLLDLQKLL	17	3
>AKAP9-E26 <sup>5</sup> KLELQKLL	9	>AKAP9-E26 <sup>5</sup> KLLDLQKL	7	2
>AKAP9-E26 <sup>5</sup> KLELQKLL	37	>AKAP9-E26 <sup>5</sup> KLLDLQKLL	30	7
>AKAP9-E26 <sup>5</sup> KLELQKLL	4	>AKAP9-E26 <sup>5</sup> KLLDLQKL	3	1
>AKAP9-E26 <sup>5</sup> KLELQKLL	11	>AKAP9-E26 <sup>5</sup> KLLDLQKLL	6	5
>AKAP9-E26 <sup>5</sup> KLELQKLL	127	>AKAP9-E26 <sup>5</sup> KLLDLQKL	199	72
>AKAP9-E26 <sup>5</sup> KLELQKLL	218	>AKAP9-E26 <sup>5</sup> KLLDLQKLL	382	164
>AKAP9-E26 <sup>5</sup> KKLELQKL	136	>AKAP9-E26 <sup>5</sup> KKLLDLQKL	147	11
>AKAP9-E26 <sup>5</sup> KKLELQKLL	216	>AKAP9-E26 <sup>5</sup> KKLLDLQKLL	250	34
>AKAP9-E26 <sup>5</sup> KEKKLLEL	141	>AKAP9-E26 <sup>5</sup> KEKKLLDL	233	92
>AKAP9-E26 <sup>5</sup> KEKKLLELQKI	238	>AKAP9-E26 <sup>5</sup> KEKKLLDLQKI	168	70
>AKAP9-E26 <sup>5</sup> KEKKLLEL	17	>AKAP9-E26 <sup>5</sup> KEKKLLDL	33	16
>AKAP9-E26 <sup>5</sup> KEKKLLELQKI	71	>AKAP9-E26 <sup>5</sup> KEKKLLDLQKI	72	1
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>AKAP9-E26 <sup>5</sup> KEKKLLELQKI	8	>AKAP9-E26 <sup>5</sup> KEKKLLDLQKI	9	1
>AKAP9-E26 <sup>5</sup> LEKEKKLLEL	145	>AKAP9-E26 <sup>5</sup> LEKEKKLLDL	278	133
>AKAP9-E26 <sup>5</sup> LEKEKKLLEL	406	>AKAP9-E26 <sup>5</sup> LEKEKKLLDL	689	283
>AKAP9-E26 <sup>5</sup> VLEKEKKLLEL	30	>AKAP9-E26 <sup>5</sup> VLEKEKKLLDL	97	67
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>AKAP9-Q11 QEEKIKELQKI	294	>AKAP9-Q11 QEEKIKELHKI	190	104
>AKAP9-Q11 QEEKIKELQKI	27	>AKAP9-Q11 QEEKIKELHKI	33	6
>AKAP9-R17·RLLKILLEV	9	>AKAP9-R17·KLLKILLEV	8	1
>AKAP9-R17·RLLKILLEVV	44	>AKAP9-R17·KLLKILLEVV	41	3
>AKAP9-R17·RLLKILLEV	19	>AKAP9-R17·KLLKILLEV	13	6
>AKAP9-R17·RLLKILLEVV	97	>AKAP9-R17·KLLKILLEVV	72	25
>AKAP9-R17·RLLKILLEV	19	>AKAP9-R17·KLLKILLEV	20	1
>AKAP9-R17·RLLKILLEVV	36	>AKAP9-R17·KLLKILLEVV	34	2
>AKAP9-R17·RLLKILLEV	8	>AKAP9-R17·KLLKILLEV	5	3
>AKAP9-R17·RLLKILLEVV	76	>AKAP9-R17·KLLKILLEVV	65	11
>AKAP9-R17·RLLKILLEV	2	>AKAP9-R17·KLLKILLEV	2	0
>AKAP9-R17·RLLKILLEVV	2	>AKAP9-R17·KLLKILLEVV	2	0
>AKAP9-R17·RLLKILLEV	4	>AKAP9-R17·KLLKILLEV	4	0
>AKAP9-R17·RLLKILLEVV	4	>AKAP9-R17·KLLKILLEVV	4	0
>AKAP9-R17·RLLKILLEV	5	>AKAP9-R17·KLLKILLEV	5	0
>AKAP9-R17·RLLKILLEVV	6	>AKAP9-R17·KLLKILLEVV	6	0
>AKAP9-R17·RLLKILLEV	3	>AKAP9-R17·KLLKILLEV	3	0
>AKAP9-R17·RLLKILLEVV	4	>AKAP9-R17·KLLKILLEVV	4	0
>AKAP9-R17·RLLKILLEV	2	>AKAP9-R17·KLLKILLEV	2	0
>AKAP9-R17·RLLKILLEVV	5	>AKAP9-R17·KLLKILLEVV	4	1
>AKAP9-R17·RLLKILLEVVK	50	>AKAP9-R17·KLLKILLEVVK	52	2
>AKAP9-R17·RLLKILLEVVK	79	>AKAP9-R17·KLLKILLEVVK	93	14
>AKAP9-R17·RLLKILLEVVK	67	>AKAP9-R17·KLLKILLEVVK	72	5
>AKAP9-R17·RLLKILLEVVK	245	>AKAP9-R17·KLLKILLEVVK	287	42
>AKAP9-R17·RLLKILLEV	234	>AKAP9-R17·KLLKILLEV	213	21

>AKAP9-R17·RLLKILLEVV	270	>AKAP9-R17·KLLKILLEVV	248	22
>AKAP9-R17·RLLKILLEV	498	>AKAP9-R17·KLLKILLEV	698	200
>AKAP9-R17·RLLKILLEVVVK	202	>AKAP9-R17·KLLKILLEVVVK	108	94
>AKAP9-R17·NRLLKILL	215	>AKAP9-R17·NKLLKILL	10195	9980
>AKAP9-R17·NRLLKILLEV	350	>AKAP9-R17·NKLLKILLEV	17469	17119
>AKAP9-R17·NRLLKILL	374	>AKAP9-R17·NKLLKILL	1052	678
>AKAP9-R17·NRLLKILL	329	>AKAP9-R17·NKLLKILL	9139	8810
>AKAP9-R17·NRLLKILL	311	>AKAP9-R17·NKLLKILL	6474	6163
>AKAP9-R17·NRLLKILLEV	300	>AKAP9-R17·NKLLKILLEV	10118	9818
>AKAP9-R17·ERYALQKANF	386	>AKAP9-R17·ERYALQKANF	1494	1108
>AKAP9-R17·ERYALQKANF	546	>AKAP9-R17·ERYALQKANF	323	223
>AKAP9-R17·ERYALQKANF	240	>AKAP9-R17·ERYALQKANF	3860	3620
>AKAP9-R17·KANNRLLK	49	>AKAP9-R17·KANNKLLK	68	19
>AKAP9-R17·KANNRLLK	25	>AKAP9-R17·KANNKLLK	34	9
>AKAP9-R17·KANNRLLK	8	>AKAP9-R17·KANNKLLK	13	5
>AKAP9-R17·KANNRLLKI	214	>AKAP9-R17·KANNKLLKI	419	205
>AKAP9-R17·KANNRLLKILL	492	>AKAP9-R17·KANNKLLKILL	773	281
>AKAP9-R17·KANNRLLK	53	>AKAP9-R17·KANNKLLK	87	34
>AKAP9-R17·KANNRLLKI	354	>AKAP9-R17·KANNKLLKI	432	78
>AKAP9-R17·KANNRLLKI	179	>AKAP9-R17·KANNKLLKI	151	28
>AKAP9-R17·KANNRLLKIL	386	>AKAP9-R17·KANNKLLKIL	319	67
>AKAP9-R17·KANNRLLKI	193	>AKAP9-R17·KANNKLLKI	213	20
>AKAP9-R17·KANNRLLKI	154	>AKAP9-R17·KANNKLLKI	278	124
>AKAP9-R17·QKANNRLL	218	>AKAP9-R17·QKANNKLL	213	5
>AKAP9-R17·QKANNRLLKI	320	>AKAP9-R17·QKANNKLLKI	621	301
>AKAP9-R17·QKANNRLLKI	89	>AKAP9-R17·QKANNKLLKI	142	53
>AKAP9-R17·LQKANNRLLK	322	>AKAP9-R17·LQKANNKLLK	375	53
>AKAP9-R17·LQKANNRLLK	312	>AKAP9-R17·LQKANNKLLK	336	24
>AKAP9-R17·LQKANNRLLK	17	>AKAP9-R17·LQKANNKLLK	34	17
>AKAP9-R17·LQKANNRLL	169	>AKAP9-R17·LQKANNKL	425	256
>AKAP9-R17·LQKANNRLL	296	>AKAP9-R17·LQKANNKLL	443	147
>AKAP9-R17·LQKANNRLL	127	>AKAP9-R17·LQKANNKL	76	51
>AKAP9-R17·LQKANNRLL	98	>AKAP9-R17·LQKANNKLL	61	37
>AKAP9-R17·LQKANNRLLK	172	>AKAP9-R17·LQKANNKLLK	176	4
>AKAP9-R17·ALQKANNRLL	38	>AKAP9-R17·ALQKANNKL	42	4
>AKAP9-R17·ALQKANNRLLI	460	>AKAP9-R17·ALQKANNKLLI	732	272
>AKAP9-R17·ALQKANNRLL	368	>AKAP9-R17·ALQKANNKL	383	15
>AKAP9-R17·ALQKANNRLL	16	>AKAP9-R17·ALQKANNKL	25	9
>AKAP9-R17·ALQKANNRLLI	41	>AKAP9-R17·ALQKANNKLLI	34	7
>AKAP9-R17·ALQKANNRR	6329	>AKAP9-R17·ALQKANNK	286	6043
>AKAP9-R17·ALQKANNRLLI	100	>AKAP9-R17·ALQKANNKLLI	117	17
>AKAP9-R17·ALQKANNRR	4040	>AKAP9-R17·ALQKANNK	175	3865
>AKAP9-R17·ALQKANNRLLI	45	>AKAP9-R17·ALQKANNKLLI	55	10

>AKAP9-R17·ALQKANNR	9645	>AKAP9-R17·ALQKANNK	413	9232
>AKAP9-R17·ALQKANNRLI	71	>AKAP9-R17·ALQKANNKLI	182	111
>AKAP9-R17·ALQKANNR	286	>AKAP9-R17·ALQKANNK	5741	5455
>AKAP9-R17·YALQKANNRI	374	>AKAP9-R17·YALQKANNKI	412	38
>AKAP9-R17·YALQKANNR	83	>AKAP9-R17·YALQKANNK	391	308
>AKAP9-R17·YALQKANNRI	52	>AKAP9-R17·YALQKANNKI	76	24
>AKAP9-R17·YALQKANNRI	72	>AKAP9-R17·YALQKANNKI	49	23
>AKAP9-R17·YALQKANNR	399	>AKAP9-R17·YALQKANNK	6733	6334
>AKAP9-R17·RYALQKANNI	121	>AKAP9-R17·RYALQKANNI	249	128
>AKAP9-R17·RYALQKANNI	365	>AKAP9-R17·RYALQKANNI	398	33
>AKAP9-R17·RYALQKANNI	16	>AKAP9-R17·RYALQKANNI	12	4
>AKAP9-R17·RYALQKANNI	3434	>AKAP9-R17·RYALQKANNI	38	3396
>AKAP9-R17·RYALQKANNI	73	>AKAP9-R17·RYALQKANNI	1467	1394
>AKAP9-R17·RYALQKANNI	17	>AKAP9-R17·RYALQKANNI	160	143
>AKAP9-V27·VRDHLAEAK	2038	>AKAP9-V27·FRDHLAEAK	353	1685
>AKAP9-V27·QVRDHLAEA	59	>AKAP9-V27·QFRDHLAEA	4268	4209
>AKAP9-V27·QVRDHLAEA	462	>AKAP9-V27·QFRDHLAEA	12134	11672
>AKAP9-V27·QVRDHLAEA	22	>AKAP9-V27·QFRDHLAEA	86	64
>AKAP9-V27·QVRDHLAEA	13	>AKAP9-V27·QFRDHLAEA	38	25
>AKAP9-V27·QVRDHLAEA	416	>AKAP9-V27·QFRDHLAEA	1901	1485
>AKAP9-V27·MTSLQKDLSC	159	>AKAP9-V27·MTSLQKDLSC	9985	9826
>AKAP9-V27·MTSLQKDLSC	166	>AKAP9-V27·MTSLQKDLSC	14189	14023
>AKAP9-V27·MTSLQKDLSC	171	>AKAP9-V27·MTSLQKDLSC	32900	32729
>AKAP9-V27·MTSLQKDLSC	15	>AKAP9-V27·MTSLQKDLSC	9401	9386
>AKAP9-V27·MTSLQKDLSC	241	>AKAP9-V27·MTSLQKDLSC	16269	16028
>AKAP9-V27·MTSLQKDLSC	585	>AKAP9-V27·MTSLQKDLSC	8	577
>AKAP9-V27·MTSLQKDLSC	12793	>AKAP9-V27·MTSLQKDLSC	163	12630
>AKAP9-V27·MTSLQKDLSC	138	>AKAP9-V27·MTSLQKDLSC	13	125
>AKAP9-V27·SQVRDHLAE/	2118	>AKAP9-V27·SQFRDHLAE/	433	1685
>AKAP9-V27·SQVRDHLAE/	412	>AKAP9-V27·SQFRDHLAE/	113	299
>AKAP9-V27·SQVRDHLA	105	>AKAP9-V27·SQFRDHLA	55	50
>AKAP9-V27·SQVRDHLAE/	346	>AKAP9-V27·SQFRDHLAE/	230	116
>AKAP9-V27·SQVRDHLAE/	247	>AKAP9-V27·SQFRDHLAE/	32	215
>AKAP9-V27·SQVRDHLAE/	1140	>AKAP9-V27·SQFRDHLAE/	318	822
>AKAP9-V27·SQVRDHLAE/	1048	>AKAP9-V27·SQFRDHLAE/	127	921
>AKAP9-V27·SQVRDHLAE/	572	>AKAP9-V27·SQFRDHLAE/	72	500
>AKAP9-V27·LSQVRDHL	336	>AKAP9-V27·LSQFRDHL	379	43
>AKAP9-V27·DLSQVRDHL/	1240	>AKAP9-V27·DLSQFRDHL/	394	846
>AKAP9-V27·LQKDLSQV	345	>AKAP9-V27·LQKDLSQF	12206	11861
>AKAP9-V27·LQKDLSQV	15	>AKAP9-V27·LQKDLSQF	6945	6930
>AKAP9-V27·LQKDLSQV	44	>AKAP9-V27·LQKDLSQF	1535	1491
>AKAP9-V27·LQKDLSQV	84	>AKAP9-V27·LQKDLSQF	30386	30302
>AKAP9-V27·LQKDLSQVR	81	>AKAP9-V27·LQKDLSQFR	15	66

>AKAP9-V27·LQKDLSQV	203	>AKAP9-V27·LQKDLSQF	29	174
>AKAP9-V27·LQKDLSQV	239	>AKAP9-V27·LQKDLSQF	6	233
>AKAP9-V27·LQKDLSQVR	418	>AKAP9-V27·LQKDLSQFR	939	521
>AKAP9-V27·LQKDLSQVR	596	>AKAP9-V27·LQKDLSQFR	213	383
>AKAP9-V27·SLQKDLSQV	58	>AKAP9-V27·SLQKDLSQF	15823	15765
>AKAP9-V27·SLQKDLSQV	23	>AKAP9-V27·SLQKDLSQF	4223	4200
>AKAP9-V27·SLQKDLSQV	7	>AKAP9-V27·SLQKDLSQF	4910	4903
>AKAP9-V27·SLQKDLSQV	144	>AKAP9-V27·SLQKDLSQF	7023	6879
>AKAP9-V27·SLQKDLSQV	5	>AKAP9-V27·SLQKDLSQF	4290	4285
>AKAP9-V27·SLQKDLSQV	7	>AKAP9-V27·SLQKDLSQF	11536	11529
>AKAP9-V27·SLQKDLSQV	10	>AKAP9-V27·SLQKDLSQF	12751	12741
>AKAP9-V27·SLQKDLSQV	22	>AKAP9-V27·SLQKDLSQF	16176	16154
>AKAP9-V27·SLQKDLSQV	2	>AKAP9-V27·SLQKDLSQF	1567	1565
>AKAP9-V27·SLQKDLSQVR	1250	>AKAP9-V27·SLQKDLSQFR	90	1160
>AKAP9-V27·SLQKDLSQV	6843	>AKAP9-V27·SLQKDLSQF	111	6732
>AKAP9-V27·SLQKDLSQV	6439	>AKAP9-V27·SLQKDLSQF	179	6260
>AKAP9-V27·SLQKDLSQV	8831	>AKAP9-V27·SLQKDLSQF	310	8521
>AKAP9-V27·SLQKDLSQV	1738	>AKAP9-V27·SLQKDLSQF	64	1674
>AKAP9-V27·SLQKDLSQVR	1251	>AKAP9-V27·SLQKDLSQFR	233	1018
>AKAP9-V27·TSLQKDLSQV	8180	>AKAP9-V27·TSLQKDLSQF	322	7858
>AKAP9-V27·TSLQKDLSQV	660	>AKAP9-V27·TSLQKDLSQF	106	554
>AKAP9-V27·TSLQKDLSQV	2158	>AKAP9-V27·TSLQKDLSQF	296	1862
>AKAP9-V27·TSLQKDLSQV	421	>AKAP9-V27·TSLQKDLSQF	71	350
>AKAP9-V27·TSLQKDLSQV	10545	>AKAP9-V27·TSLQKDLSQF	483	10062
>AKAP9-V27·TSLQKDLSQV	480	>AKAP9-V27·TSLQKDLSQF	5	475
>AKAP9-V27·TSLQKDLSQV	15511	>AKAP9-V27·TSLQKDLSQF	229	15282
>AKAP9-V27·TSLQKDLSQV	5237	>AKAP9-V27·TSLQKDLSQF	406	4831
>AKAP9-V27·TSLQKDLSQV	541	>AKAP9-V27·TSLQKDLSQF	192	349
>AKT1-D32Y·DGTFIGYK	156	>AKT1-D32Y·YGTFIGYK	113	43
>AKT1-D32Y·NDGTFIGY	4903	>AKT1-D32Y·NYGTFIGY	245	4658
>AKT1-D32Y·NDGTFIGYKE	18048	>AKT1-D32Y·NYGTFIGYKEI	190	17858
>AKT1-D32Y·NDGTFIGYK	2328	>AKT1-D32Y·NYGTFIGYK	462	1866
>AKT1-D32Y·NDGTFIGY	6777	>AKT1-D32Y·NYGTFIGY	202	6575
>AKT1-D32Y·NDGTFIGYK	1485	>AKT1-D32Y·NYGTFIGYK	22	1463
>AKT1-D32Y·NDGTFIGYKE	1261	>AKT1-D32Y·NYGTFIGYKEI	25	1236
>AKT1-D32Y·WRPRYFLLKN	19707	>AKT1-D32Y·WRPRYFLLKN	281	19426
>AKT1-D32Y·WRPRYFLLKN	8208	>AKT1-D32Y·WRPRYFLLKN	279	7929
>AKT1-D32Y·WRPRYFLLKN	3459	>AKT1-D32Y·WRPRYFLLKN	197	3262
>AKT1-D32Y·KNDGTFIGYK	4018	>AKT1-D32Y·KNYGTFIGYK	251	3767
>AKT1-D32Y·KNDGTFIGY	3917	>AKT1-D32Y·KNYGTFIGY	164	3753
>AKT1-D32Y·KNDGTFIGY	2002	>AKT1-D32Y·KNYGTFIGY	196	1806
>AKT1-D32Y·KNDGTFIGYK	3292	>AKT1-D32Y·KNYGTFIGYK	37	3255
>AKT1-D32Y·KNDGTFIGYK	5383	>AKT1-D32Y·KNYGTFIGYK	487	4896

>AKT1-D32Y-KNDGTFIGY	10925	>AKT1-D32Y-KNYGTFIGY	401	10524
>AKT1-D32Y-KNDGTFIGY	7323	>AKT1-D32Y-KNYGTFIGY	214	7109
>AKT1-D32Y-KNDGTFIGYK	805	>AKT1-D32Y-KNYGTFIGYK	52	753
>AKT1-D32Y-LKNDGTFI	202	>AKT1-D32Y-LKNYGTFI	58	144
>AKT1-D32Y-LKNDGTFIGY	27	>AKT1-D32Y-LKNYGTFIGY	11	16
>AKT1-D32Y-LLKNDGTFI	90	>AKT1-D32Y-LLKNYGTFI	23	67
>AKT1-D32Y-LLKNDGTFI	11	>AKT1-D32Y-LLKNYGTFI	6	5
>AKT1-D32Y-LLKNDGTFI	331	>AKT1-D32Y-LLKNYGTFI	64	267
>AKT1-D32Y-LLKNDGTFI	197	>AKT1-D32Y-LLKNYGTFI	200	3
>AKT1-D32Y-LLKNDGTFI	25	>AKT1-D32Y-LLKNYGTFI	13	12
>AKT1-D32Y-LLKNDGTFIG\`	314	>AKT1-D32Y-LLKNYGTFIG\`	189	125
>AKT1-D32Y-LLKNDGTFIG\`	203	>AKT1-D32Y-LLKNYGTFIG\`	253	50
>AKT1-D32Y-LLKNDGTF	38	>AKT1-D32Y-LLKNYGT	32	6
>AKT1-D32Y-LLKNDGTFIG\`	46	>AKT1-D32Y-LLKNYGTFIG\`	40	6
>AKT1-D32Y-LLKNDGTF	104	>AKT1-D32Y-LLKNYGT	153	49
>AKT1-D32Y-LLKNDGTFIG\`	128	>AKT1-D32Y-LLKNYGTFIG\`	132	4
>AKT1-D32Y-LLKNDGTF	86	>AKT1-D32Y-LLKNYGT	28	58
>AKT1-D32Y-LLKNDGTFI	578	>AKT1-D32Y-LLKNYGTFI	174	404
>AKT1-D32Y-LLKNDGTFIG\`	113	>AKT1-D32Y-LLKNYGTFIG\`	46	67
>AKT1-D32Y-LLKNDGTFIG\`	843	>AKT1-D32Y-LLKNYGTFIG\`	484	359
>AKT1-D32Y-FLLKNDGTFI	311	>AKT1-D32Y-FLLKNYGTFI	389	78
>AKT1-D32Y-FLLKNDGT	511	>AKT1-D32Y-FLLKNYGT	70	441
>AKT1-D32Y-FLLKNDGTFI	22	>AKT1-D32Y-FLLKNYGTFI	19	3
>AKT1-D32Y-FLLKNDGT	403	>AKT1-D32Y-FLLKNYGT	117	286
>AKT1-D32Y-FLLKNDGTFI	37	>AKT1-D32Y-FLLKNYGTFI	20	17
>AKT1-D32Y-FLLKNDGT	1044	>AKT1-D32Y-FLLKNYGT	227	817
>AKT1-D32Y-FLLKNDGTFI	35	>AKT1-D32Y-FLLKNYGTFI	25	10
>AKT1-D32Y-FLLKNDGT	219	>AKT1-D32Y-FLLKNYGT	76	143
>AKT1-D32Y-FLLKNDGTFI	66	>AKT1-D32Y-FLLKNYGTFI	51	15
>AKT1-D32Y-FLLKNDGT	37	>AKT1-D32Y-FLLKNYGT	9	28
>AKT1-D32Y-FLLKNDGTF	298	>AKT1-D32Y-FLLKNYGT	68	230
>AKT1-D32Y-FLLKNDGTFI	4	>AKT1-D32Y-FLLKNYGTFI	2	2
>AKT1-D32Y-FLLKNDGTFIG	479	>AKT1-D32Y-FLLKNYGTFIG	416	63
>AKT1-D32Y-FLLKNDGT	78	>AKT1-D32Y-FLLKNYGT	24	54
>AKT1-D32Y-FLLKNDGTFI	4	>AKT1-D32Y-FLLKNYGTFI	4	0
>AKT1-D32Y-FLLKNDGTFIG	377	>AKT1-D32Y-FLLKNYGTFIG	521	144
>AKT1-D32Y-FLLKNDGT	95	>AKT1-D32Y-FLLKNYGT	51	44
>AKT1-D32Y-FLLKNDGTFI	6	>AKT1-D32Y-FLLKNYGTFI	6	0
>AKT1-D32Y-FLLKNDGT	377	>AKT1-D32Y-FLLKNYGT	75	302
>AKT1-D32Y-FLLKNDGTFI	20	>AKT1-D32Y-FLLKNYGTFI	12	8
>AKT1-D32Y-FLLKNDGT	64	>AKT1-D32Y-FLLKNYGT	16	48
>AKT1-D32Y-FLLKNDGTFI	7	>AKT1-D32Y-FLLKNYGTFI	5	2
>AKT1-D32Y-FLLKNDGTF	816	>AKT1-D32Y-FLLKNYGT	152	664

>AKT1-D32Y- FLLKNDGTF	132	>AKT1-D32Y- FLLKNYGTF	10	122
>AKT1-D32Y- FLLKNDGTFI	1201	>AKT1-D32Y- FLLKNYGTFI	164	1037
>AKT1-D32Y- FLLKNDGTF	194	>AKT1-D32Y- FLLKNYGTF	169	25
>AKT1-D32Y- FLLKNDGTF	18	>AKT1-D32Y- FLLKNYGTF	34	16
>AKT1-D32Y- FLLKNDGTF	101	>AKT1-D32Y- FLLKNYGTF	21	80
>AKT1-D32Y- FLLKNDGTFI	888	>AKT1-D32Y- FLLKNYGTFI	264	624
>AKT1-D32Y- FLLKNDGTF	115	>AKT1-D32Y- FLLKNYGTF	593	478
>AKT1-D32Y- YFLLKNDGTF	56	>AKT1-D32Y- YFLLKNYGTF	34	22
>AKT1-D32Y- YFLLKNDGTF	236	>AKT1-D32Y- YFLLKNYGTF	334	98
>AKT1-D32Y- YFLLKNDGTFI	1246	>AKT1-D32Y- YFLLKNYGTFI	474	772
>AKT1-D32Y- YFLLKNDGTF	8	>AKT1-D32Y- YFLLKNYGTF	6	2
>AKT1-D32Y- YFLLKNDGTFI	86	>AKT1-D32Y- YFLLKNYGTFI	65	21
>AKT1-D32Y- YFLLKNDGTF	274	>AKT1-D32Y- YFLLKNYGTF	416	142
>AKT1-D32Y- RYFLLKNDGT	1776	>AKT1-D32Y- RYFLLKNYGTI	413	1363
>AKT1-D32Y- RYFLLKNDGT	580	>AKT1-D32Y- RYFLLKNYGTI	384	196
>AKT1-D32Y- RYFLLKNDGT	85	>AKT1-D32Y- RYFLLKNYGTI	54	31
>AKT1-D32Y- RYFLLKNDGT	143	>AKT1-D32Y- RYFLLKNYGTI	51	92
>AKT1-D32Y- RYFLLKND	1598	>AKT1-D32Y- RYFLLKNY	160	1438
>AKT1-D32Y- RYFLLKNDGT	5	>AKT1-D32Y- RYFLLKNYGTI	4	1
>AKT1-D32Y- RYFLLKND	24263	>AKT1-D32Y- RYFLLKNY	216	24047
>AKT1-D32Y- RYFLLKND	26245	>AKT1-D32Y- RYFLLKNY	409	25836
>AKT1-D32Y- RYFLLKNDGT	83	>AKT1-D32Y- RYFLLKNYGTI	112	29
>AKT1-D32Y- RYFLLKND	26657	>AKT1-D32Y- RYFLLKNY	134	26523
>AKT1-D32Y- RYFLLKNDGT	486	>AKT1-D32Y- RYFLLKNYGTI	192	294
>AKT1-D32Y- RYFLLKNDGT	538	>AKT1-D32Y- RYFLLKNYGTI	249	289
>AKT1-D32Y- RYFLLKND	35207	>AKT1-D32Y- RYFLLKNY	190	35017
>AKT1-D32Y- RYFLLKNDGT	3757	>AKT1-D32Y- RYFLLKNYGT	374	3383
>AKT1-D32Y- RYFLLKNDG	1438	>AKT1-D32Y- RYFLLKNYG	397	1041
>AKT1-D32Y- RYFLLKNDGT	833	>AKT1-D32Y- RYFLLKNYGTI	329	504
>AKT1-D32Y- RPRYFLLKND	22727	>AKT1-D32Y- RPRYFLLKNY	187	22540
>AKT1-E17K- EYIKTWRPRY	7019	>AKT1-E17K- KYIKTWRPRY	478	6541
>AKT1-E17K- EYIKTWRPRY	68	>AKT1-E17K- KYIKTWRPRY	20	48
>AKT1-E17K- EYIKTWRPRY	52	>AKT1-E17K- KYIKTWRPRY	22	30
>AKT1-E17K- EYIKTWRPRY	28	>AKT1-E17K- KYIKTWRPRY	7	21
>AKT1-E17K- EYIKTWRPRY	12	>AKT1-E17K- KYIKTWRPRY	883	871
>AKT1-E17K- EYIKTWRPRY	48	>AKT1-E17K- KYIKTWRPRY	4234	4186
>AKT1-E17K- EYIKTWRPRY	40	>AKT1-E17K- KYIKTWRPRY	39	1
>AKT1-E17K- EYIKTWRPR	12951	>AKT1-E17K- KYIKTWRPR	39	12912
>AKT1-E17K- EYIKTWRPRY	14322	>AKT1-E17K- KYIKTWRPRY	148	14174
>AKT1-E17K- EYIKTWRPRY	271	>AKT1-E17K- KYIKTWRPRY	86	185
>AKT1-E17K- EYIKTWRPR	324	>AKT1-E17K- KYIKTWRPR	11	313
>AKT1-E17K- EYIKTWRPR	21	>AKT1-E17K- KYIKTWRPR	1088	1067
>AKT1-E17K- EYIKTWRPR	136	>AKT1-E17K- KYIKTWRPR	8466	8330

>AKT1-E17K- EYIKTWRPRY	7463	>AKT1-E17K- KYIKTWRPRY	499	6964
>AKT1-E17K- EYIKTWRPRY	1537	>AKT1-E17K- KYIKTWRPRY	237	1300
>AKT1-E17K- EYIKTWRPR	16	>AKT1-E17K- KYIKTWRPR	9	7
>AKT1-E17K- EYIKTWRPRY	1223	>AKT1-E17K- KYIKTWRPRY	139	1084
>AKT1-E17K- GEYIKTWRPR	325	>AKT1-E17K- GKYIKTWRPF	344	19
>AKT1-E17K- GEYIKTWRPR	431	>AKT1-E17K- GKYIKTWRPF	221	210
>AKT1-E17K- GEYIKTWRPR	752	>AKT1-E17K- GKYIKTWRPF	357	395
>AKT1-E17K- GEYIKTWRPR	4630	>AKT1-E17K- GKYIKTWRPF	141	4489
>AKT1-E17K- GEYIKTWRPR	307	>AKT1-E17K- GKYIKTWRPF	21179	20872
>AKT1-E17K- GEYIKTWRPR	117	>AKT1-E17K- GKYIKTWRPF	19102	18985
>AKT1-E17K- GEYIKTWRPR	473	>AKT1-E17K- GKYIKTWRPF	649	176
>AKT1-E17K- RGEYIKTWRP	7003	>AKT1-E17K- RGKYIKTWRP	156	6847
>AKT1-E17K- RGEYIKTWR	49	>AKT1-E17K- RGKYIKTWR	12	37
>AKT1-E17K- RGEYIKTWRP	54	>AKT1-E17K- RGKYIKTWRP	11	43
>AKT1-E17K- RGEYIKTW	638	>AKT1-E17K- RGKYIKTW	346	292
>AKT1-E17K- RGEYIKTW	399	>AKT1-E17K- RGKYIKTW	69	330
>AKT1-E17K- RGEYIKTWR	217	>AKT1-E17K- RGKYIKTWR	164	53
>AKT1-E17K- RGEYIKTWRP	115	>AKT1-E17K- RGKYIKTWRP	88	27
>AKT1-E17K- KRGEYIKTWR	98	>AKT1-E17K- KRGKYIKTWR	41	57
>AKT1-E17K- KRGEYIKTWR	54	>AKT1-E17K- KRGKYIKTWR	75	21
>AKT1-E17K- KRGEYIKT	163	>AKT1-E17K- KRGKYIKT	92	71
>AKT1-E17K- KRGEYIKTW	549	>AKT1-E17K- KRGKYIKTW	274	275
>AKT1-E17K- KRGEYIKTWR	240	>AKT1-E17K- KRGKYIKTWR	187	53
>AKT1-E17K- KRGEYIKTWR	138	>AKT1-E17K- KRGKYIKTWR	209	71
>AKT1-E17K- KRGEYIKTWR	80	>AKT1-E17K- KRGKYIKTWR	55	25
>AKT1-E17K- HKRGEYIK	69	>AKT1-E17K- HKRGEYIK	27	42
>AKT1-E17K- HKRGEYIKTW	242	>AKT1-E17K- HKRGEYIKTW	361	119
>AKT1-E17K- HKRGEYIKTW	309	>AKT1-E17K- HKRGEYIKTW	364	55
>AKT1-E17K- LHKRGEYIKT	36	>AKT1-E17K- LHKRGEYIKT	71	35
>AKT1-E17K- WLHKRGEYI	95	>AKT1-E17K- WLHKRGEYI	1749	1654
>AKT1-E17K- WLHKRGEYI	97	>AKT1-E17K- WLHKRGEYI	164	67
>AKT1-E17K- WLHKRGEYI	10	>AKT1-E17K- WLHKRGEYI	33	23
>AKT1-E17K- WLHKRGEYI	150	>AKT1-E17K- WLHKRGEYI	805	655
>AKT1-E17K- WLHKRGEYI	160	>AKT1-E17K- WLHKRGEYI	658	498
>AKT1-E17K- WLHKRGEYI	51	>AKT1-E17K- WLHKRGEYI	144	93
>AKT1-E17K- WLHKRGEYIK	312	>AKT1-E17K- WLHKRGEYIK	455	143
>AKT1-E17K- WLHKRGEYIK	763	>AKT1-E17K- WLHKRGEYIK	318	445
>AKT1-E17K- WLHKRGEY	291	>AKT1-E17K- WLHKRGEY	359	68
>AKT1-E17K- WLHKRGEY	506	>AKT1-E17K- WLHKRGEY	492	14
>AKT1-E17K- WLHKRGEY	382	>AKT1-E17K- WLHKRGEY	1327	945
>AKT1-E17K- WLHKRGEYI	408	>AKT1-E17K- WLHKRGEYI	83	325
>AKT1-E17K- WLHKRGEY	117	>AKT1-E17K- WLHKRGEY	434	317
>AKT1-E17K- WLHKRGEY	49	>AKT1-E17K- WLHKRGEY	47	2

>AKT1-E17K- WLHKRGEY	640	>AKT1-E17K- WLHKRGKY	355	285
>AKT1-E17K- WLHKRGEYIK	159	>AKT1-E17K- WLHKRGKYIK	99	60
>AKT1-E17K- GWLHKRGEY	227	>AKT1-E17K- GWLHKRGKY	443	216
>AKT1-E17K- GWLHKRGEY	121	>AKT1-E17K- GWLHKRGKY	140	19
>AKT1-E17K- GWLHKRGEY	79	>AKT1-E17K- GWLHKRGKY	86	7
>AKT1-E17K- GWLHKRGEY	620	>AKT1-E17K- GWLHKRGKY	384	236
>AKT1-E17K- GWLHKRGEY	323	>AKT1-E17K- GWLHKRGKY	717	394
>AKT1-E17K- EGWLHKRGE	295	>AKT1-E17K- EGWLHKRGK	265	30
>AKT1-E17K- KEGWLHKRG	384	>AKT1-E17K- KEGWLHKRG	364	20
>AKT1-E17K- KEGWLHKRG	474	>AKT1-E17K- KEGWLHKRG	723	249
>AKT1-E49K- EAPLNNFSV	7499	>AKT1-E49K- KAPLNNFSV	309	7190
>AKT1-E49K- EAPLNNFSVA	1387	>AKT1-E49K- KAPLNNFSVA	408	979
>AKT1-E49K- EAPLNNFSV	3260	>AKT1-E49K- KAPLNNFSV	73	3187
>AKT1-E49K- EAPLNNFSV	11	>AKT1-E49K- KAPLNNFSV	1373	1362
>AKT1-E49K- EAPLNNFSV	50	>AKT1-E49K- KAPLNNFSV	4619	4569
>AKT1-E49K- EAPLNNFSV	1694	>AKT1-E49K- KAPLNNFSV	170	1524
>AKT1-E49K- REAPLNNFSV	181	>AKT1-E49K- RKAPLNNFSV	7437	7256
>AKT1-E49K- REAPLNNF	55	>AKT1-E49K- RKAPLNNF	4	51
>AKT1-E49K- REAPLNNFSV	2377	>AKT1-E49K- RKAPLNNFSV	65	2312
>AKT1-E49K- REAPLNNFSV	2958	>AKT1-E49K- RKAPLNNFSV	89	2869
>AKT1-E49K- REAPLNNF	178	>AKT1-E49K- RKAPLNNF	19458	19280
>AKT1-E49K- REAPLNNFSV	437	>AKT1-E49K- RKAPLNNFSV	22022	21585
>AKT1-E49K- REAPLNNF	257	>AKT1-E49K- RKAPLNNF	29538	29281
>AKT1-E49K- REAPLNNFSV	67	>AKT1-E49K- RKAPLNNFSV	20280	20213
>AKT1-E49K- REAPLNNFSV	119	>AKT1-E49K- RKAPLNNFSV	26035	25916
>AKT1-E49K- REAPLNNF	231	>AKT1-E49K- RKAPLNNF	21795	21564
>AKT1-E49K- REAPLNNFSV	407	>AKT1-E49K- RKAPLNNFSV	17802	17395
>AKT1-E49K- REAPLNNFSV	17	>AKT1-E49K- RKAPLNNFSV	12550	12533
>AKT1-E49K- REAPLNNFSV	22	>AKT1-E49K- RKAPLNNFSV	10342	10320
>AKT1-E49K- REAPLNNFSV	441	>AKT1-E49K- RKAPLNNFSV	29450	29009
>AKT1-E49K- KERPDVDQ	12925	>AKT1-E49K- KERPDVDQ	159	12766
>AKT1-E49K- QREAPLNNF	340	>AKT1-E49K- QRKAPLNNF	35	305
>AKT1-E49K- QREAPLNNF	481	>AKT1-E49K- QRKAPLNNF	846	365
>AKT1-E49K- DQREAPLNNI	108	>AKT1-E49K- DQRKAPLNN	290	182
>AKT1-E49K- DQREAPLNNI	34	>AKT1-E49K- DQRKAPLNN	23	11
>AKT1-E49K- DVDQREAPL	2001	>AKT1-E49K- DVDQRKAPL	480	1521
>AKT1-E49K- RPQDQDQRE	346	>AKT1-E49K- RPQDQDQRK	451	105
>AKT1-F35L-1 FIGYKERPQD	178	>AKT1-F35L-1 LIGYKERPQD'	1497	1319
>AKT1-F35L-1 FIGYKERPQD	194	>AKT1-F35L-1 LIGYKERPQD'	1240	1046
>AKT1-F35L-1 FIGYKERPQD	412	>AKT1-F35L-1 LIGYKERPQD'	2461	2049
>AKT1-F35L-1 FIGYKERPQD	389	>AKT1-F35L-1 LIGYKERPQD'	2628	2239
>AKT1-F35L-1 FIGYKERPQD	36	>AKT1-F35L-1 LIGYKERPQD'	162	126
>AKT1-F35L-1 TFIGYKER	47	>AKT1-F35L-1 TLIGYKER	168	121



>AKT1-F35L-1TFIGYKER	101	>AKT1-F35L-1TLIGYKER	564	463
>AKT1-F35L-1TFIGYKER	164	>AKT1-F35L-1TLIGYKER	76	88
>AKT1-F35L-1TFIGYKER	147	>AKT1-F35L-1TLIGYKER	581	434
>AKT1-F35L-1RYFLLKNDGT	580	>AKT1-F35L-1RYFLLKNDGT	15	565
>AKT1-F35L-1RYFLLKNDGT	85	>AKT1-F35L-1RYFLLKNDGT	721	636
>AKT1-F35L-1RYFLLKNDGT	143	>AKT1-F35L-1RYFLLKNDGT	539	396
>AKT1-F35L-1RYFLLKNDGT	5	>AKT1-F35L-1RYFLLKNDGT	7	2
>AKT1-F35L-1RYFLLKNDGT	83	>AKT1-F35L-1RYFLLKNDGT	318	235
>AKT1-F35L-1RYFLLKNDGT	486	>AKT1-F35L-1RYFLLKNDGT	4854	4368
>AKT1-F35L-1RYFLLKNDGT	833	>AKT1-F35L-1RYFLLKNDGT	225	608
>AKT1-F35L-1GTFIGYKER	38	>AKT1-F35L-1GTLIGYKER	85	47
>AKT1-F35L-1GTFIGYKER	157	>AKT1-F35L-1GTLIGYKER	2247	2090
>AKT1-F35L-1GTFIGYKER	68	>AKT1-F35L-1GTLIGYKER	107	39
>AKT1-F35L-1DGTFIGYK	156	>AKT1-F35L-1DGTLYGYK	681	525
>AKT1-F35L-1LKNDGTFI	202	>AKT1-F35L-1LKNDGTLI	232	30
>AKT1-F35L-1LKNDGTFIGY	27	>AKT1-F35L-1LKNDGTLYGY	37	10
>AKT1-F35L-1LLKNDGTFI	90	>AKT1-F35L-1LLKNDGTLI	242	152
>AKT1-F35L-1LLKNDGTF	6820	>AKT1-F35L-1LLKNDGTL	74	6746
>AKT1-F35L-1LLKNDGTFI	11	>AKT1-F35L-1LLKNDGTLI	13	2
>AKT1-F35L-1LLKNDGTFI	331	>AKT1-F35L-1LLKNDGTLI	1241	910
>AKT1-F35L-1LLKNDGTF	15206	>AKT1-F35L-1LLKNDGTL	271	14935
>AKT1-F35L-1LLKNDGTFI	197	>AKT1-F35L-1LLKNDGTLI	1047	850
>AKT1-F35L-1LLKNDGTF	9112	>AKT1-F35L-1LLKNDGTL	13	9099
>AKT1-F35L-1LLKNDGTFI	25	>AKT1-F35L-1LLKNDGTLI	31	6
>AKT1-F35L-1LLKNDGTFIG'	314	>AKT1-F35L-1LLKNDGTLYGY'	404	90
>AKT1-F35L-1LLKNDGTFIG'	203	>AKT1-F35L-1LLKNDGTLYGY'	239	36
>AKT1-F35L-1LLKNDGTF	38	>AKT1-F35L-1LLKNDGTL	427	389
>AKT1-F35L-1LLKNDGTFIG'	46	>AKT1-F35L-1LLKNDGTLYGY'	60	14
>AKT1-F35L-1LLKNDGTF	104	>AKT1-F35L-1LLKNDGTL	1905	1801
>AKT1-F35L-1LLKNDGTFIG'	128	>AKT1-F35L-1LLKNDGTLYGY'	133	5
>AKT1-F35L-1LLKNDGTF	86	>AKT1-F35L-1LLKNDGTL	1730	1644
>AKT1-F35L-1LLKNDGTFIG'	113	>AKT1-F35L-1LLKNDGTLYGY'	241	128
>AKT1-F35L-1FLLKNDGTF	2218	>AKT1-F35L-1FLLKNDGTL	276	1942
>AKT1-F35L-1FLLKNDGTFI	311	>AKT1-F35L-1FLLKNDGTLI	1588	1277
>AKT1-F35L-1FLLKNDGTF	12058	>AKT1-F35L-1FLLKNDGTL	131	11927
>AKT1-F35L-1FLLKNDGTFI	22	>AKT1-F35L-1FLLKNDGTLI	46	24
>AKT1-F35L-1FLLKNDGTF	5097	>AKT1-F35L-1FLLKNDGTL	192	4905
>AKT1-F35L-1FLLKNDGTFI	37	>AKT1-F35L-1FLLKNDGTLI	46	9
>AKT1-F35L-1FLLKNDGTF	7786	>AKT1-F35L-1FLLKNDGTL	116	7670
>AKT1-F35L-1FLLKNDGTFI	35	>AKT1-F35L-1FLLKNDGTLI	38	3
>AKT1-F35L-1FLLKNDGTF	1503	>AKT1-F35L-1FLLKNDGTL	194	1309
>AKT1-F35L-1FLLKNDGTFI	66	>AKT1-F35L-1FLLKNDGTLI	89	23
>AKT1-F35L-1FLLKNDGTF	298	>AKT1-F35L-1FLLKNDGTL	6	292

>AKT1-F35L-1 FLLKNDGTFI	4	>AKT1-F35L-i FLLKNDGTLI	6	2
>AKT1-F35L-1 FLLKNDGTFIC	479	>AKT1-F35L-i FLLKNDGTLIC	1230	751
>AKT1-F35L-1 FLLKNDGTF	623	>AKT1-F35L-i FLLKNDGTL	4	619
>AKT1-F35L-1 FLLKNDGTFI	4	>AKT1-F35L-i FLLKNDGTLI	6	2
>AKT1-F35L-1 FLLKNDGTFIC	377	>AKT1-F35L-i FLLKNDGTLIC	1729	1352
>AKT1-F35L-1 FLLKNDGTF	4793	>AKT1-F35L-i FLLKNDGTL	11	4782
>AKT1-F35L-1 FLLKNDGTFI	6	>AKT1-F35L-i FLLKNDGTLI	10	4
>AKT1-F35L-1 FLLKNDGTF	12603	>AKT1-F35L-i FLLKNDGTL	77	12526
>AKT1-F35L-1 FLLKNDGTFI	20	>AKT1-F35L-i FLLKNDGTLI	87	67
>AKT1-F35L-1 FLLKNDGTF	2702	>AKT1-F35L-i FLLKNDGTL	5	2697
>AKT1-F35L-1 FLLKNDGTFI	7	>AKT1-F35L-i FLLKNDGTLI	8	1
>AKT1-F35L-1 FLLKNDGTF	132	>AKT1-F35L-i FLLKNDGTL	2866	2734
>AKT1-F35L-1 FLLKNDGTF	194	>AKT1-F35L-i FLLKNDGTL	4197	4003
>AKT1-F35L-1 FLLKNDGTF	18	>AKT1-F35L-i FLLKNDGTL	172	154
>AKT1-F35L-1 FLLKNDGTF	101	>AKT1-F35L-i FLLKNDGTL	2388	2287
>AKT1-F35L-1 FLLKNDGTF	115	>AKT1-F35L-i FLLKNDGTL	2478	2363
>AKT1-F35L-1 YFLLKNDGTF	56	>AKT1-F35L-i YFLLKNDGTL	1058	1002
>AKT1-F35L-1 YFLLKNDGTF	236	>AKT1-F35L-i YFLLKNDGTL	6082	5846
>AKT1-F35L-1 YFLLKNDGTF	8	>AKT1-F35L-i YFLLKNDGTL	36	28
>AKT1-F35L-1 YFLLKNDGTF	86	>AKT1-F35L-i YFLLKNDGTL	196	110
>AKT1-F35L-1 YFLLKNDGTF	274	>AKT1-F35L-i YFLLKNDGTL	2161	1887
>AKT1-K39N- FIGYKERPQD	178	>AKT1-K39N- FIGYNERPQD	205	27
>AKT1-K39N- FIGYKERPQD	194	>AKT1-K39N- FIGYNERPQD	94	100
>AKT1-K39N- FIGYKERPQD	412	>AKT1-K39N- FIGYNERPQD	138	274
>AKT1-K39N- FIGYKERPQD	389	>AKT1-K39N- FIGYNERPQD	306	83
>AKT1-K39N- FIGYKERPQD	36	>AKT1-K39N- FIGYNERPQD	19	17
>AKT1-K39N- TFIGYKER	47	>AKT1-K39N- TFIGYNER	44	3
>AKT1-K39N- TFIGYKER	101	>AKT1-K39N- TFIGYNER	52	49
>AKT1-K39N- TFIGYKER	164	>AKT1-K39N- TFIGYNER	52	112
>AKT1-K39N- TFIGYKER	147	>AKT1-K39N- TFIGYNER	165	18
>AKT1-K39N- GTFIGYKER	668	>AKT1-K39N- GTFIGYNER	114	554
>AKT1-K39N- GTFIGYKER	38	>AKT1-K39N- GTFIGYNER	19	19
>AKT1-K39N- GTFIGYKER	1577	>AKT1-K39N- GTFIGYNER	463	1114
>AKT1-K39N- GTFIGYKER	157	>AKT1-K39N- GTFIGYNER	41	116
>AKT1-K39N- GTFIGYKER	68	>AKT1-K39N- GTFIGYNER	87	19
>AKT1-K39N- DGTFIGYK	156	>AKT1-K39N- DGTFIGYN	19099	18943
>AKT1-P42T- PQDQVDQREA	4985	>AKT1-P42T- TQDQVDQREA	69	4916
>AKT1-P42T- RPQDQVDQR	24729	>AKT1-P42T- RTQDQVDQR	339	24390
>AKT1-P42T- RPQDQVDQR	4665	>AKT1-P42T- RTQDQVDQR	39	4626
>AKT1-P42T- RPQDQVDQR	7944	>AKT1-P42T- RTQDQVDQR	122	7822
>AKT1-P42T- RPQDQVDQRE	346	>AKT1-P42T- RTQDQVDQRE	24409	24063
>AKT1-P42T- ERPQDQVDQR	2379	>AKT1-P42T- ERTQDQVDQR	474	1905
>AKT1-P42T- KERPQDQVDQ	524	>AKT1-P42T- KERTQDQVDQ	446	78

>AKT1-P42T- FIGYKERPQD'	178	>AKT1-P42T- FIGYKERTQD'	161	17
>AKT1-P42T- FIGYKERPQD'	194	>AKT1-P42T- FIGYKERTQD'	249	55
>AKT1-P42T- FIGYKERPQD'	412	>AKT1-P42T- FIGYKERTQD'	271	141
>AKT1-P42T- FIGYKERPQD'	389	>AKT1-P42T- FIGYKERTQD'	283	106
>AKT1-P42T- FIGYKERPQD'	36	>AKT1-P42T- FIGYKERTQD'	21	15
>ALK-A1168F ALIISKFNHQ	407	>ALK-A1168F PLIISKFNHQ	6979	6572
>ALK-A1168F EALIISKF	42	>ALK-A1168F EPLIISKF	13303	13261
>ALK-A1168F EALIISKF	346	>ALK-A1168F EPLIISKF	64	282
>ALK-A1168F EALIISKF	2980	>ALK-A1168F EPLIISKF	141	2839
>ALK-A1168F EALIISKF	4408	>ALK-A1168F EPLIISKF	45	4363
>ALK-A1168F EQDELDFLMI	85	>ALK-A1168F EQDELDFLMI	7034	6949
>ALK-A1168F MEALIISKF	92	>ALK-A1168F MEPLIISKF	298	206
>ALK-A1168F MEALIISKFN	251	>ALK-A1168F MEPLIISKFN	618	367
>ALK-A1168F MEALIISK	330	>ALK-A1168F MEPLIISK	3536	3206
>ALK-A1168F MEALIISKF	252	>ALK-A1168F MEPLIISKF	1423	1171
>ALK-A1168F MEALIISKF	21	>ALK-A1168F MEPLIISKF	101	80
>ALK-A1168F MEALIISKF	402	>ALK-A1168F MEPLIISKF	2048	1646
>ALK-A1168F MEALIISKF	69	>ALK-A1168F MEPLIISKF	557	488
>ALK-A1168F MEALIISK	414	>ALK-A1168F MEPLIISK	10846	10432
>ALK-A1168F MEALIISKF	360	>ALK-A1168F MEPLIISKF	4223	3863
>ALK-A1168F MEALIISKF	12	>ALK-A1168F MEPLIISKF	26	14
>ALK-A1168F LMEALIISK	109	>ALK-A1168F LMEPLIISK	156	47
>ALK-A1168F LMEALIISK	58	>ALK-A1168F LMEPLIISK	77	19
>ALK-A1168F LMEALIISKF	1497	>ALK-A1168F LMEPLIISKF	415	1082
>ALK-A1168F LMEALIISKF	327	>ALK-A1168F LMEPLIISKF	355	28
>ALK-A1168F LMEALIISKF	151	>ALK-A1168F LMEPLIISKF	156	5
>ALK-A1168F LMEALIISKF	824	>ALK-A1168F LMEPLIISKF	185	639
>ALK-A1168F LMEALIISKF	415	>ALK-A1168F LMEPLIISKF	532	117
>ALK-A1168F FLMEALII	7	>ALK-A1168F FLMEPLII	8	1
>ALK-A1168F FLMEALIIS	21	>ALK-A1168F FLMEPLIIS	36	15
>ALK-A1168F FLMEALIISK	42	>ALK-A1168F FLMEPLIISK	75	33
>ALK-A1168F FLMEALIISKF	50	>ALK-A1168F FLMEPLIISKF	79	29
>ALK-A1168F FLMEALII	3	>ALK-A1168F FLMEPLII	5	2
>ALK-A1168F FLMEALIIS	7	>ALK-A1168F FLMEPLIIS	25	18
>ALK-A1168F FLMEALIISK	60	>ALK-A1168F FLMEPLIISK	95	35
>ALK-A1168F FLMEALIISKF	8	>ALK-A1168F FLMEPLIISKF	17	9
>ALK-A1168F FLMEALII	3	>ALK-A1168F FLMEPLII	3	0
>ALK-A1168F FLMEALIIS	14	>ALK-A1168F FLMEPLIIS	31	17
>ALK-A1168F FLMEALIISK	226	>ALK-A1168F FLMEPLIISK	226	0
>ALK-A1168F FLMEALIISKF	16	>ALK-A1168F FLMEPLIISKF	30	14
>ALK-A1168F FLMEALII	5	>ALK-A1168F FLMEPLII	8	3
>ALK-A1168F FLMEALIIS	13	>ALK-A1168F FLMEPLIIS	25	12
>ALK-A1168F FLMEALIISK	186	>ALK-A1168F FLMEPLIISK	172	14

>ALK-A1168F FLMEALIISKF	22	>ALK-A1168F FLMEPLIISKF	33	11
>ALK-A1168F FLMEALII	4	>ALK-A1168F FLMEPLII	2	2
>ALK-A1168F FLMEALIIS	43	>ALK-A1168F FLMEPLIIS	16	27
>ALK-A1168F FLMEALIISK	46	>ALK-A1168F FLMEPLIISK	24	22
>ALK-A1168F FLMEALIISKF	18	>ALK-A1168F FLMEPLIISKF	11	7
>ALK-A1168F FLMEALII	3	>ALK-A1168F FLMEPLII	3	0
>ALK-A1168F FLMEALIIS	32	>ALK-A1168F FLMEPLIIS	54	22
>ALK-A1168F FLMEALIISK	277	>ALK-A1168F FLMEPLIISK	361	84
>ALK-A1168F FLMEALIISKF	90	>ALK-A1168F FLMEPLIISKF	116	26
>ALK-A1168F FLMEALII	9	>ALK-A1168F FLMEPLII	10	1
>ALK-A1168F FLMEALIIS	269	>ALK-A1168F FLMEPLIIS	753	484
>ALK-A1168F FLMEALII	3	>ALK-A1168F FLMEPLII	4	1
>ALK-A1168F FLMEALIIS	208	>ALK-A1168F FLMEPLIIS	686	478
>ALK-A1168F FLMEALIISKF	81	>ALK-A1168F FLMEPLIISKF	175	94
>ALK-A1168F FLMEALII	3	>ALK-A1168F FLMEPLII	4	1
>ALK-A1168F FLMEALIIS	25	>ALK-A1168F FLMEPLIIS	42	17
>ALK-A1168F FLMEALIISK	12	>ALK-A1168F FLMEPLIISK	13	1
>ALK-A1168F FLMEALIISKF	31	>ALK-A1168F FLMEPLIISKF	42	11
>ALK-A1168F FLMEALIISK	29	>ALK-A1168F FLMEPLIISK	36	7
>ALK-A1168F FLMEALIISK	26	>ALK-A1168F FLMEPLIISK	28	2
>ALK-A1168F FLMEALIISKF	129	>ALK-A1168F FLMEPLIISKF	249	120
>ALK-A1168F FLMEALIISKF	228	>ALK-A1168F FLMEPLIISKF	379	151
>ALK-A1168F FLMEALIISKF	494	>ALK-A1168F FLMEPLIISKF	263	231
>ALK-A1168F FLMEALIISK	149	>ALK-A1168F FLMEPLIISK	118	31
>ALK-A1168F FLMEALII	89	>ALK-A1168F FLMEPLII	88	1
>ALK-A1168F FLMEALIISKF	110	>ALK-A1168F FLMEPLIISKF	164	54
>ALK-A1168F FLMEALIISKF	40	>ALK-A1168F FLMEPLIISKF	26	14
>ALK-A1168F FLMEALIISKF	19	>ALK-A1168F FLMEPLIISKF	17	2
>ALK-A1168F FLMEALIISKF	233	>ALK-A1168F FLMEPLIISKF	177	56
>ALK-A1168F FLMEALIISKF	327	>ALK-A1168F FLMEPLIISKF	850	523
>ALK-A1168F FLMEALIISKF	389	>ALK-A1168F FLMEPLIISKF	231	158
>ALK-A1168F DFLMEALIISK	239	>ALK-A1168F DFLMEPLIISK	170	69
>ALK-A1168F LDFLMEALI	33	>ALK-A1168F LDFLMEPLI	42	9
>ALK-A1168F LDFLMEALII	54	>ALK-A1168F LDFLMEPLII	179	125
>ALK-A1168F LDFLMEAL	99	>ALK-A1168F LDFLMEPL	43	56
>ALK-A1168F LDFLMEALI	860	>ALK-A1168F LDFLMEPLI	142	718
>ALK-A1168F LDFLMEAL	271	>ALK-A1168F LDFLMEPL	133	138
>ALK-A1168F LDFLMEALI	37	>ALK-A1168F LDFLMEPLI	26	11
>ALK-A1168F LDFLMEALII	374	>ALK-A1168F LDFLMEPLII	473	99
>ALK-A1168F LDFLMEALI	37	>ALK-A1168F LDFLMEPLI	61	24
>ALK-A1168F LDFLMEALII	30	>ALK-A1168F LDFLMEPLII	54	24
>ALK-A1168F ELDFLMEAL	193	>ALK-A1168F ELDFLMEPL	177	16
>ALK-A1168F ELDFLMEALI	443	>ALK-A1168F ELDFLMEPLI	902	459

>ALK-A1168F ELDFLMEA	312	>ALK-A1168F ELDFLMEP	14617	14305
>ALK-A1168F ELDFLMEAL	139	>ALK-A1168F ELDFLMEPL	144	5
>ALK-A1168F ELDFLMEALI	472	>ALK-A1168F ELDFLMEPLI	432	40
>ALK-A1168F ELDFLMEAL	1288	>ALK-A1168F ELDFLMEPL	436	852
>ALK-A1168F ELDFLMEALI	1404	>ALK-A1168F ELDFLMEPLI	361	1043
>ALK-A1168F ELDFLMEAL	454	>ALK-A1168F ELDFLMEPL	491	37
>ALK-A1168F ELDFLMEAL	622	>ALK-A1168F ELDFLMEPL	139	483
>ALK-A1168F ELDFLMEA	280	>ALK-A1168F ELDFLMEP	12668	12388
>ALK-A1168F ELDFLMEAL	78	>ALK-A1168F ELDFLMEPL	26	52
>ALK-A1168F ELDFLMEALI	298	>ALK-A1168F ELDFLMEPLI	161	137
>ALK-A1168F ELDFLMEALII	394	>ALK-A1168F ELDFLMEPLII	476	82
>ALK-A1168F DELDFLMEAL	172	>ALK-A1168F DELDFLMEPL	92	80
>ALK-A1168F DELDFLMEAL	7	>ALK-A1168F DELDFLMEPL	9	2
>ALK-A1168F DELDFLMEA	12	>ALK-A1168F DELDFLMEP	53	41
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>ALK-A1168F DELDFLMEAL	613	>ALK-A1168F DELDFLMEPL	352	261
>ALK-A1168F DELDFLMEAL	630	>ALK-A1168F DELDFLMEPL	468	162
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>ALK-A1234TIACGCQYL	265	>ALK-A1234TITCGCQYL	22	243
>ALK-A1234TDIACGCQY	379	>ALK-A1234TDITCGCQY	888	509
>ALK-A1234TDIACGCQY	394	>ALK-A1234TDITCGCQY	828	434
>ALK-A1234TDIACGCQYL	145	>ALK-A1234TDITCGCQYL	681	536
>ALK-A1234TDIACGCQYL	169	>ALK-A1234TDITCGCQYL	1133	964
>ALK-A1234TRDIACGCQY	396	>ALK-A1234TRDITCGCQY	1310	914
>ALK-A1234TRDIACGCQYL	308	>ALK-A1234TRDITCGCQYL	129	179
>ALK-A1234TARDIACGCQY	402	>ALK-A1234TARDITCGCQY	362	40
>ALK-A1234TVARDIACGCC	168	>ALK-A1234TVARDITCGCC	143	25
>ALK-A1234TVARDIACGCC	488	>ALK-A1234TVARDITCGCC	452	36
>ALK-A1234TVARDIACGCC	11	>ALK-A1234TVARDITCGCC	13	2
>ALK-A1234TVARDIACGCC	119	>ALK-A1234TVARDITCGCC	186	67
>ALK-A1234TLLHWARDIA	260	>ALK-A1234TLLHWARDIT	2589	2329
>ALK-A1234TLLHWARDIAC	568	>ALK-A1234TLLHWARDITC	202	366
>ALK-A877S- AAGGGGGW	99	>ALK-A877S- ASGGGGGW	16	83
>ALK-A877S- AAGGGGGW	1388	>ALK-A877S- ASGGGGGW	454	934
>ALK-A877S- VLGLNGNSG/	333	>ALK-A877S- VLGLNGNSG/	7214	6881
>ALK-A877S- VLGLNGNSG/	328	>ALK-A877S- VLGLNGNSG/	12469	12141
>ALK-A877S- VLGLNGNSG/	236	>ALK-A877S- VLGLNGNSG/	11880	11644
>ALK-A877S- GAAGGGGG\	59	>ALK-A877S- GASGGGGGV	59	0
>ALK-A877S- GAAGGGGG\	68	>ALK-A877S- GASGGGGGV	52	16
>ALK-A877S- NSGAAGGGC	222	>ALK-A877S- NSGASGGGG	100	122
>ALK-A877S- GLNGNSGAA	378	>ALK-A877S- GLNGNSGAS	5819	5441

>ALK-A877S- GLNGNSGAA	19	>ALK-A877S- GLNGNSGAS	2026	2007
>ALK-A877S- GLNGNSGAA	63	>ALK-A877S- GLNGNSGAS	2638	2575
>ALK-A877S- GLNGNSGAA	114	>ALK-A877S- GLNGNSGAS	8542	8428
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>ALK-D1091†DYNPNYCFA(	105	>ALK-D1091†NYNPNYCFA(	550	445
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>ALK-D1091†TDYNPNYCF	285	>ALK-D1091†TNYNPNYCF	66	219
>ALK-D1091†MTDYNPNY	9	>ALK-D1091†MTNYPNPNY	81	72
>ALK-D1091†MTDYNPNYC	218	>ALK-D1091†MTNYPNPNYC	1277	1059
>ALK-D1091†MTDYNPNYC	242	>ALK-D1091†MTNYPNPNYC	5552	5310
>ALK-D1091†MTDYNPNYC	1293	>ALK-D1091†MTNYPNPNYC	417	876
>ALK-D1091†MTDYNPNYC	3283	>ALK-D1091†MTNYPNPNYC	260	3023
>ALK-D1091†MTDYNPNY	728	>ALK-D1091†MTNYPNPNY	167	561
>ALK-D1091†MTDYNPNY	3240	>ALK-D1091†MTNYPNPNY	122	3118
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>ALK-D1091†MTDYNPNYC	280	>ALK-D1091†MTNYPNPNYC	376	96
>ALK-D1091†MTDYNPNY	9892	>ALK-D1091†MTNYPNPNY	424	9468
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>ALK-D1091†MTDYNPNYC	228	>ALK-D1091†MTNYPNPNYC	56	172
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>ALK-D1091†MTDYNPNYC	8136	>ALK-D1091†MTNYPNPNYC	492	7644
>ALK-D1091†MTDYNPNY	2244	>ALK-D1091†MTNYPNPNY	119	2125
>ALK-D1091†MTDYNPNYC	649	>ALK-D1091†MTNYPNPNYC	30	619
>ALK-D1091†MTDYNPNY	11	>ALK-D1091†MTNYPNPNY	6	5
>ALK-D1091†MTDYNPNYC	58	>ALK-D1091†MTNYPNPNYC	23	35
>ALK-D1091†MTDYNPNY	472	>ALK-D1091†MTNYPNPNY	203	269
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>ALK-D1091†MTDYNPNYC	616	>ALK-D1091†MTNYPNPNYC	116	500
>ALK-D1091†MTDYNPNYC	114	>ALK-D1091†MTNYPNPNYC	65	49
>ALK-D1091†MTDYNPNY	443	>ALK-D1091†MTNYPNPNY	852	409
>ALK-D1091†IMTDYNPNYC(	18	>ALK-D1091†IMTNYPNPNYC(	34	16
>ALK-D1091†IMTDYNPNYC(	119	>ALK-D1091†IMTNYPNPNYC(	248	129
>ALK-D1091†IMTDYNPNYC(	138	>ALK-D1091†IMTNYPNPNYC(	714	576

>ALK-D1091†IMTDYNPNY	233	>ALK-D1091†IMTNYNPNY	2945	2712
>ALK-D1091†IMTDYNPNY(	22	>ALK-D1091†IMTNYNPNY(	100	78
>ALK-D1091†IMTDYNPNY(	544	>ALK-D1091†IMTNYNPNY(	353	191
>ALK-D1091†IMTDYNPNY	15	>ALK-D1091†IMTNYNPNY	20	5
>ALK-D1091†IMTDYNPNY(	299	>ALK-D1091†IMTNYNPNY(	607	308
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>ALK-D1091†IMTDYNPNY	666	>ALK-D1091†IMTNYNPNY	348	318
>ALK-D1091†IMTDYNPNY	317	>ALK-D1091†IMTNYNPNY	330	13
>ALK-D1091†IMTDYNPNY(	378	>ALK-D1091†IMTNYNPNY(	367	11
>ALK-D1091†IMTDYNPNY	465	>ALK-D1091†IMTNYNPNY	267	198
>ALK-D1091†IMTDYNPNY(	782	>ALK-D1091†IMTNYNPNY(	496	286
>ALK-D1091†IMTDYNPNY	29	>ALK-D1091†IMTNYNPNY	14	15
>ALK-D1091†IMTDYNPNY(	10	>ALK-D1091†IMTNYNPNY(	6	4
>ALK-D1091†IMTDYNPNY	196	>ALK-D1091†IMTNYNPNY	606	410
>ALK-D1091†IMTDYNPNY	476	>ALK-D1091†IMTNYNPNY	795	319
>ALK-D1091†TIMTDYNPN\	472	>ALK-D1091†TIMTNYNPN\	353	119
>ALK-D1091†TIMTDYNPN\	172	>ALK-D1091†TIMTNYNPN\	103	69
>ALK-D1091†TIMTDYNPN\	20	>ALK-D1091†TIMTNYNPN\	29	9
>ALK-D1091†TIMTDYNPN\	532	>ALK-D1091†TIMTNYNPN\	271	261
>ALK-D1091†TIMTDYNPN\	420	>ALK-D1091†TIMTNYNPN\	249	171
>ALK-D1091†TIMTDYNPN\	651	>ALK-D1091†TIMTNYNPN\	381	270
>ALK-D1091†STIMTDYNPN	56	>ALK-D1091†STIMTNYNPN	35	21
>ALK-D1091†STIMTDYNPN	198	>ALK-D1091†STIMTNYNPN	201	3
>ALK-D1091†STIMTDYNPN	6	>ALK-D1091†STIMTNYNPN	6	0
>ALK-D1091†STIMTDYNPN	49	>ALK-D1091†STIMTNYNPN	30	19
>ALK-D1091†STIMTDYNPN	21	>ALK-D1091†STIMTNYNPN	25	4
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>ALK-D1091†STIMTDYNPN	128	>ALK-D1091†STIMTNYNPN	109	19
>ALK-D1091†STIMTDYNPN	248	>ALK-D1091†STIMTNYNPN	176	72
>ALK-D1091†STIMTDYNPN	212	>ALK-D1091†STIMTNYNPN	194	18
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>ALK-D1091†STIMTDYNPN	84	>ALK-D1091†STIMTNYNPN	41	43
>ALK-D1091†TSTIMTDY	1093	>ALK-D1091†TSTIMTNY	432	661
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>ALK-D1091†TSTIMTDY	221	>ALK-D1091†TSTIMTNY	181	40
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>ALK-D1091†TSTIMTDY	76	>ALK-D1091†TSTIMTNY	43	33
>ALK-D1091†RTSTIMTDY	90	>ALK-D1091†RTSTIMTNY	215	125
>ALK-D1091†RTSTIMTDY	346	>ALK-D1091†RTSTIMTNY	99	247
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>ALK-D1091†RTSTIMTDY	461	>ALK-D1091†RTSTIMTNY	573	112
>ALK-D1091†RTSTIMTDY	94	>ALK-D1091†RTSTIMTNY	29	65

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>ALK-D1091†RTSTIMTDY	241	>ALK-D1091†RTSTIMTNY	185	56
>ALK-D1091†RTSTIMTDY	12	>ALK-D1091†RTSTIMTNY	9	3
>ALK-D1091†RTSTIMTDY	352	>ALK-D1091†RTSTIMTNY	232	120
>ALK-D1091†RTSTIMTDY	5	>ALK-D1091†RTSTIMTNY	3	2
>ALK-D1091†RTSTIMTDY	628	>ALK-D1091†RTSTIMTNY	157	471
>ALK-D1091†RTSTIMTDY	5	>ALK-D1091†RTSTIMTNY	3	2
>ALK-D1091†RTSTIMTDY	2284	>ALK-D1091†RTSTIMTNY	385	1899
>ALK-D1091†LRTSTIMTDY	71	>ALK-D1091†LRTSTIMTNY	50	21
>ALK-D1091†LRTSTIMTDY	174	>ALK-D1091†LRTSTIMTNY	111	63
>ALK-D1091†KLRTSTIMTD'	69	>ALK-D1091†KLRTSTIMTN'	43	26
>ALK-D1091†KLRTSTIMTD	88	>ALK-D1091†KLRTSTIMTN	28	60
>ALK-D1091†KLRTSTIMTD'	115	>ALK-D1091†KLRTSTIMTN'	28	87
>ALK-D1091†KLRTSTIMTD'	176	>ALK-D1091†KLRTSTIMTN'	171	5
>ALK-D1091†KLRTSTIMTD'	45	>ALK-D1091†KLRTSTIMTN'	32	13
>ALK-D1091†KLRTSTIMTD'	175	>ALK-D1091†KLRTSTIMTN'	157	18
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>ALK-D1091†KLRTSTIMTD'	124	>ALK-D1091†KLRTSTIMTN'	33	91
>ALK-D1091†KLRTSTIMTD'	370	>ALK-D1091†KLRTSTIMTN'	198	172
>ALK-F1174C FNHQIVRCI	345	>ALK-F1174C CNHQIVRCI	2856	2511
>ALK-F1174C FNHQIVR	329	>ALK-F1174C CNHQIVR	1401	1072
>ALK-F1174C FNHQIVR	308	>ALK-F1174C CNHQIVR	162	146
>ALK-F1174C KFNHQIV	410	>ALK-F1174C KCNHQIV	1641	1231
>ALK-F1174C KFNHQIVR	320	>ALK-F1174C KCNHQIVR	1477	1157
>ALK-F1174C KFNHQIVR	9	>ALK-F1174C KCNHQIVR	157	148
>ALK-F1174C KFNHQIVR	17	>ALK-F1174C KCNHQIVR	52	35
>ALK-F1174C FLMEALIISKF	50	>ALK-F1174C FLMEALIISK	52	2
>ALK-F1174C FLMEALIISKF	8	>ALK-F1174C FLMEALIISK	17	9
>ALK-F1174C FLMEALIISKF	16	>ALK-F1174C FLMEALIISK	11	5
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>ALK-F1174C FLMEALIISKF	90	>ALK-F1174C FLMEALIISK	9	81
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>ALK-F1174C FLMEALIISKF	81	>ALK-F1174C FLMEALIISK	5	76
>ALK-F1174C FLMEALIISKF	31	>ALK-F1174C FLMEALIISK	4	27
>ALK-F1174C FLMEALIISKF	129	>ALK-F1174C FLMEALIISK	18283	18154
>ALK-F1174C FLMEALIISKF	228	>ALK-F1174C FLMEALIISK	9687	9459
>ALK-F1174C FLMEALIISKF	494	>ALK-F1174C FLMEALIISK	27575	27081
>ALK-F1174C FLMEALIISKF	110	>ALK-F1174C FLMEALIISK	14080	13970
>ALK-F1174C FLMEALIISKF	40	>ALK-F1174C FLMEALIISK	9095	9055
>ALK-F1174C FLMEALIISKF	19	>ALK-F1174C FLMEALIISK	8730	8711
>ALK-F1174C FLMEALIISKF	233	>ALK-F1174C FLMEALIISK	23789	23556



>ALK-F1174C FLMEALIISKF	327	>ALK-F1174C FLMEALIISKC	16607	16280
>ALK-F1174C FLMEALIISKF	389	>ALK-F1174C FLMEALIISKC	17990	17601
>ALK-F1174C SKFNHQNI	12	>ALK-F1174C SKCNHQNI	243	231
>ALK-F1174C SKFNHQNIV	17	>ALK-F1174C SKCNHQNIV	414	397
>ALK-F1174C SKFNHQNIVF	61	>ALK-F1174C SKCNHQNIVF	1275	1214
>ALK-F1174C SKFNHQNIVR	370	>ALK-F1174C SKCNHQNIVR	1192	822
>ALK-F1174C ISKFNHQNI	21	>ALK-F1174C ISKCNHQNI	27	6
>ALK-F1174C ISKFNHQNIV	73	>ALK-F1174C ISKCNHQNIV	101	28
>ALK-F1174C ISKFNHQNIVI	91	>ALK-F1174C ISKCNHQNIV	128	37
>ALK-F1174C ISKFNHQNIVI	21	>ALK-F1174C ISKCNHQNIV	28	7
>ALK-F1174C ISKFNHQNIVI	139	>ALK-F1174C ISKCNHQNIV	335	196
>ALK-F1174C ISKFNHQNI	311	>ALK-F1174C ISKCNHQNI	87	224
>ALK-F1174C ISKFNHQNIV	930	>ALK-F1174C ISKCNHQNIV	321	609
>ALK-F1174C ISKFNHQNI	42	>ALK-F1174C ISKCNHQNI	69	27
>ALK-F1174C ISKFNHQNI	854	>ALK-F1174C ISKCNHQNI	472	382
>ALK-F1174C IISKFNHQNIV	35	>ALK-F1174C IISKCNHQNIV	43	8
>ALK-F1174C IISKFNHQNI	359	>ALK-F1174C IISKCNHQNI	919	560
>ALK-F1174C IISKFNHQNIV	68	>ALK-F1174C IISKCNHQNIV	85	17
>ALK-F1174C IISKFNHQNIV	452	>ALK-F1174C IISKCNHQNIV	1606	1154
>ALK-F1174C IISKFNHQNIV	29	>ALK-F1174C IISKCNHQNIV	38	9
>ALK-F1174C LIISKFNHQNI	367	>ALK-F1174C LIISKCNHQNI	951	584
>ALK-F1174C LIISKFNHQNI	355	>ALK-F1174C LIISKCNHQNI	568	213
>ALK-F1174C LIISKFNHQNI	108	>ALK-F1174C LIISKCNHQNI	172	64
>ALK-F1174C LIISKFNHQNI	496	>ALK-F1174C LIISKCNHQNI	1505	1009
>ALK-F1174C ALIISKFNHQ	407	>ALK-F1174C ALIISKCNHQ	522	115
>ALK-F1174C EALIISKF	42	>ALK-F1174C EALIISKC	17589	17547
>ALK-F1174C EALIISKF	346	>ALK-F1174C EALIISKC	18761	18415
>ALK-F1174C MEALIISKF	92	>ALK-F1174C MEALIISKC	3284	3192
>ALK-F1174C MEALIISKFN	251	>ALK-F1174C MEALIISKCN	1047	796
>ALK-F1174C MEALIISKF	252	>ALK-F1174C MEALIISKC	20173	19921
>ALK-F1174C MEALIISKF	21	>ALK-F1174C MEALIISKC	2678	2657
>ALK-F1174C MEALIISKF	402	>ALK-F1174C MEALIISKC	7565	7163
>ALK-F1174C MEALIISKF	69	>ALK-F1174C MEALIISKC	2993	2924
>ALK-F1174C MEALIISKF	1375	>ALK-F1174C MEALIISKC	435	940
>ALK-F1174C MEALIISKF	360	>ALK-F1174C MEALIISKC	20054	19694
>ALK-F1174C MEALIISKF	12	>ALK-F1174C MEALIISKC	37	25
>ALK-F1174C LMEALIISKF	3260	>ALK-F1174C LMEALIISKC	349	2911
>ALK-F1174C LMEALIISKF	3713	>ALK-F1174C LMEALIISKC	78	3635
>ALK-F1174C LMEALIISKF	327	>ALK-F1174C LMEALIISKC	17052	16725
>ALK-F1174C LMEALIISKF	151	>ALK-F1174C LMEALIISKC	14001	13850
>ALK-F1174C LMEALIISKF	415	>ALK-F1174C LMEALIISKC	25522	25107
>ALK-F1174I- FNHQNIVRCI	345	>ALK-F1174I- INHQNIVRCI	812	467
>ALK-F1174I- FNHQNIVR	329	>ALK-F1174I- INHQNIVR	1264	935

>ALK-F1174I-FNHQNI	308	>ALK-F1174I-INHQNI	220	88
>ALK-F1174I-KFNHQNI	2299	>ALK-F1174I-KINHQNI	236	2063
>ALK-F1174I-KFNHQNI	8094	>ALK-F1174I-KINHQNI	43	8051
>ALK-F1174I-KFNHQNI	8882	>ALK-F1174I-KINHQNI	370	8512
>ALK-F1174I-KFNHQNI	10526	>ALK-F1174I-KINHQNI	482	10044
>ALK-F1174I-KFNHQNI	9838	>ALK-F1174I-KINHQNI	169	9669
>ALK-F1174I-KFNHQNI	7132	>ALK-F1174I-KINHQNI	318	6814
>ALK-F1174I-KFNHQNI	410	>ALK-F1174I-KINHQNI	299	111
>ALK-F1174I-KFNHQNI	320	>ALK-F1174I-KINHQNI	231	89
>ALK-F1174I-KFNHQNI	554	>ALK-F1174I-KINHQNI	421	133
>ALK-F1174I-KFNHQNI	9	>ALK-F1174I-KINHQNI	19	10
>ALK-F1174I-KFNHQNI	1302	>ALK-F1174I-KINHQNI	137	1165
>ALK-F1174I-KFNHQNI	17	>ALK-F1174I-KINHQNI	37	20
>ALK-F1174I-FLMEALISKI	50	>ALK-F1174I-FLMEALISKI	7	43
>ALK-F1174I-FLMEALISKI	8	>ALK-F1174I-FLMEALISKI	2	6
>ALK-F1174I-FLMEALISKI	16	>ALK-F1174I-FLMEALISKI	2	14
>ALK-F1174I-FLMEALISKI	22	>ALK-F1174I-FLMEALISKI	5	17
>ALK-F1174I-FLMEALISKI	18	>ALK-F1174I-FLMEALISKI	2	16
>ALK-F1174I-FLMEALISKI	90	>ALK-F1174I-FLMEALISKI	3	87
>ALK-F1174I-FLMEALISKI	757	>ALK-F1174I-FLMEALISKI	6	751
>ALK-F1174I-FLMEALISKI	81	>ALK-F1174I-FLMEALISKI	2	79
>ALK-F1174I-FLMEALISKI	31	>ALK-F1174I-FLMEALISKI	2	29
>ALK-F1174I-FLMEALISKI	129	>ALK-F1174I-FLMEALISKI	3397	3268
>ALK-F1174I-FLMEALISKI	228	>ALK-F1174I-FLMEALISKI	6366	6138
>ALK-F1174I-FLMEALISKI	494	>ALK-F1174I-FLMEALISKI	9228	8734
>ALK-F1174I-FLMEALISKI	8356	>ALK-F1174I-FLMEALISKI	170	8186
>ALK-F1174I-FLMEALISKI	7246	>ALK-F1174I-FLMEALISKI	45	7201
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>ALK-F1174I-FLMEALISKI	40	>ALK-F1174I-FLMEALISKI	1453	1413
>ALK-F1174I-FLMEALISKI	19	>ALK-F1174I-FLMEALISKI	903	884
>ALK-F1174I-FLMEALISKI	233	>ALK-F1174I-FLMEALISKI	9065	8832
>ALK-F1174I-FLMEALISKI	327	>ALK-F1174I-FLMEALISKI	12295	11968
>ALK-F1174I-FLMEALISKI	389	>ALK-F1174I-FLMEALISKI	2916	2527
>ALK-F1174I-SKFNHQNI	12	>ALK-F1174I-SKFNHQNI	56	44
>ALK-F1174I-SKFNHQNI	17	>ALK-F1174I-SKFNHQNI	90	73
>ALK-F1174I-SKFNHQNI	61	>ALK-F1174I-SKFNHQNI	316	255
>ALK-F1174I-SKFNHQNI	370	>ALK-F1174I-SKFNHQNI	1502	1132
>ALK-F1174I-ISKFNHQNI	21	>ALK-F1174I-ISKFNHQNI	32	11
>ALK-F1174I-ISKFNHQNI	73	>ALK-F1174I-ISKFNHQNI	125	52
>ALK-F1174I-ISKFNHQNI	91	>ALK-F1174I-ISKFNHQNI	161	70
>ALK-F1174I-ISKFNHQNI	21	>ALK-F1174I-ISKFNHQNI	25	4
>ALK-F1174I-ISKFNHQNI	139	>ALK-F1174I-ISKFNHQNI	373	234
>ALK-F1174I-ISKFNHQNI	311	>ALK-F1174I-ISKFNHQNI	373	62

>ALK-F1174I-ISKFNHQNI	42	>ALK-F1174I-ISKINHQNI	18	24
>ALK-F1174I-IISKFNHQNIV	35	>ALK-F1174I-IISKINHQNIV	25	10
>ALK-F1174I-IISKFNHQNI	359	>ALK-F1174I-IISKINHQNI	791	432
>ALK-F1174I-IISKFNHQNIV	68	>ALK-F1174I-IISKINHQNIV	62	6
>ALK-F1174I-IISKFNHQNIV	452	>ALK-F1174I-IISKINHQNIV	785	333
>ALK-F1174I-IISKFNHQNIV	777	>ALK-F1174I-IISKINHQNIV	484	293
>ALK-F1174I-IISKFNHQNIV	29	>ALK-F1174I-IISKINHQNIV	33	4
>ALK-F1174I-IISKFNHQNIV	888	>ALK-F1174I-IISKINHQNIV	428	460
>ALK-F1174I-LIISKFNHQNI	367	>ALK-F1174I-LIISKINHQNI	1011	644
>ALK-F1174I-LIISKFNHQNI	355	>ALK-F1174I-LIISKINHQNI	317	38
>ALK-F1174I-LIISKFNHQNI	108	>ALK-F1174I-LIISKINHQNI	91	17
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>ALK-F1174I-LIISKFNHQNI	683	>ALK-F1174I-LIISKINHQNI	342	341
>ALK-F1174I-LIISKFNHQNI	496	>ALK-F1174I-LIISKINHQNI	1428	932
>ALK-F1174I-ALIISKFNHQ	407	>ALK-F1174I-ALIISKINHQ	342	65
>ALK-F1174I-EALIISKF	15539	>ALK-F1174I-EALIISKI	266	15273
>ALK-F1174I-EALIISKF	8385	>ALK-F1174I-EALIISKI	61	8324
>ALK-F1174I-EALIISKF	42	>ALK-F1174I-EALIISKI	2639	2597
>ALK-F1174I-EALIISKF	346	>ALK-F1174I-EALIISKI	11358	11012
>ALK-F1174I-MEALIISKF	92	>ALK-F1174I-MEALIISKI	6	86
>ALK-F1174I-MEALIISKFN	251	>ALK-F1174I-MEALIISKIN	2111	1860
>ALK-F1174I-MEALIISKF	17982	>ALK-F1174I-MEALIISKI	495	17487
>ALK-F1174I-MEALIISKF	252	>ALK-F1174I-MEALIISKI	5834	5582
>ALK-F1174I-MEALIISKF	21	>ALK-F1174I-MEALIISKI	807	786
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>ALK-F1174I-MEALIISKF	402	>ALK-F1174I-MEALIISKI	2040	1638
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>ALK-F1174I-MEALIISKF	1375	>ALK-F1174I-MEALIISKI	241	1134
>ALK-F1174I-MEALIISKF	360	>ALK-F1174I-MEALIISKI	3737	3377
>ALK-F1174I-MEALIISKF	12	>ALK-F1174I-MEALIISKI	3	9
>ALK-F1174I-LMEALIISKF	5225	>ALK-F1174I-LMEALIISKI	100	5125
>ALK-F1174I-LMEALIISKF	6465	>ALK-F1174I-LMEALIISKI	70	6395
>ALK-F1174I-LMEALIISKF	3260	>ALK-F1174I-LMEALIISKI	30	3230
>ALK-F1174I-LMEALIISKF	10181	>ALK-F1174I-LMEALIISKI	207	9974
>ALK-F1174I-LMEALIISKF	3713	>ALK-F1174I-LMEALIISKI	12	3701
>ALK-F1174I-LMEALIISKF	327	>ALK-F1174I-LMEALIISKI	7634	7307
>ALK-F1174I-LMEALIISKF	151	>ALK-F1174I-LMEALIISKI	3014	2863
>ALK-F1174I-LMEALIISKF	415	>ALK-F1174I-LMEALIISKI	9113	8698
>ALK-F1174L FNHQNIVRCI	345	>ALK-F1174L LNHQNIVRCI	680	335
>ALK-F1174L FNHQNIVR	329	>ALK-F1174L LNHQNIVR	1378	1049
>ALK-F1174L FNHQNIVR	308	>ALK-F1174L LNHQNIVR	371	63
>ALK-F1174L KFNHQNIV	13363	>ALK-F1174L KLNHQNIV	144	13219
>ALK-F1174L KFNHQNIV	2299	>ALK-F1174L KLNHQNIV	17	2282

>ALK-F1174L KFNHQIVRC	7625	>ALK-F1174L KLNHQIVRC	191	7434
>ALK-F1174L KFNHQIV	8094	>ALK-F1174L KLNHQIV	7	8087
>ALK-F1174L KFNHQIVRC	13745	>ALK-F1174L KLNHQIVRC	86	13659
>ALK-F1174L KFNHQIV	9201	>ALK-F1174L KLNHQIV	422	8779
>ALK-F1174L KFNHQIV	11359	>ALK-F1174L KLNHQIV	20	11339
>ALK-F1174L KFNHQIVRC	19639	>ALK-F1174L KLNHQIVRC	164	19475
>ALK-F1174L KFNHQIVRC	18268	>ALK-F1174L KLNHQIVRC	124	18144
>ALK-F1174L KFNHQIV	8882	>ALK-F1174L KLNHQIV	9	8873
>ALK-F1174L KFNHQIVRC	18302	>ALK-F1174L KLNHQIVRC	89	18213
>ALK-F1174L KFNHQIV	10526	>ALK-F1174L KLNHQIV	18	10508
>ALK-F1174L KFNHQIVRC	20262	>ALK-F1174L KLNHQIVRC	227	20035
>ALK-F1174L KFNHQIV	19132	>ALK-F1174L KLNHQIV	168	18964
>ALK-F1174L KFNHQIV	9838	>ALK-F1174L KLNHQIV	8	9830
>ALK-F1174L KFNHQIVRC	29621	>ALK-F1174L KLNHQIVRC	164	29457
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>ALK-F1174L KFNHQIV	410	>ALK-F1174L KLNHQIV	911	501
>ALK-F1174L KFNHQIVR	320	>ALK-F1174L KLNHQIVR	739	419
>ALK-F1174L KFNHQIVR	9	>ALK-F1174L KLNHQIVR	20	11
>ALK-F1174L KFNHQIVRC	1302	>ALK-F1174L KLNHQIVRC	120	1182
>ALK-F1174L KFNHQIVR	17	>ALK-F1174L KLNHQIVR	42	25
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>ALK-F1174L FLMEALIISKF	8	>ALK-F1174L FLMEALIISKL	2	6
>ALK-F1174L FLMEALIISKF	16	>ALK-F1174L FLMEALIISKL	2	14
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>ALK-F1174L FLMEALIISKF	18	>ALK-F1174L FLMEALIISKL	2	16
>ALK-F1174L FLMEALIISKF	90	>ALK-F1174L FLMEALIISKL	3	87
>ALK-F1174L FLMEALIISKF	757	>ALK-F1174L FLMEALIISKL	5	752
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>ALK-F1174L FLMEALIISKF	31	>ALK-F1174L FLMEALIISKL	2	29
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>ALK-F1174L FLMEALIISKF	228	>ALK-F1174L FLMEALIISKL	2030	1802
>ALK-F1174L FLMEALIISKF	494	>ALK-F1174L FLMEALIISKL	2965	2471
>ALK-F1174L FLMEALIISKF	8356	>ALK-F1174L FLMEALIISKL	325	8031
>ALK-F1174L FLMEALIISKF	7246	>ALK-F1174L FLMEALIISKL	78	7168
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>ALK-F1174L FLMEALIISKF	40	>ALK-F1174L FLMEALIISKL	661	621
>ALK-F1174L FLMEALIISKF	19	>ALK-F1174L FLMEALIISKL	569	550
>ALK-F1174L FLMEALIISKF	233	>ALK-F1174L FLMEALIISKL	3292	3059
>ALK-F1174L FLMEALIISKF	327	>ALK-F1174L FLMEALIISKL	5202	4875
>ALK-F1174L FLMEALIISKF	7887	>ALK-F1174L FLMEALIISKL	347	7540
>ALK-F1174L FLMEALIISKF	389	>ALK-F1174L FLMEALIISKL	1797	1408
>ALK-F1174L SKFNHQNI	12	>ALK-F1174L SKLNHQNI	50	38
>ALK-F1174L SKFNHQIV	17	>ALK-F1174L SKLNHQIV	83	66

>ALK-F1174L SKFNHQNIVR	61	>ALK-F1174L SKLNHQNIVR	302	241
>ALK-F1174L SKFNHQNIVR	370	>ALK-F1174L SKLNHQNIVR	714	344
>ALK-F1174L ISKFNHQNI	21	>ALK-F1174L ISKLNHQNI	37	16
>ALK-F1174L ISKFNHQNIV	73	>ALK-F1174L ISKLNHQNIV	142	69
>ALK-F1174L ISKFNHQNIVI	91	>ALK-F1174L ISKLNHQNIVI	184	93
>ALK-F1174L ISKFNHQNIVI	21	>ALK-F1174L ISKLNHQNIVI	31	10
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>ALK-F1174L ISKFNHQNI	311	>ALK-F1174L ISKLNHQNI	544	233
>ALK-F1174L ISKFNHQNI	42	>ALK-F1174L ISKLNHQNI	41	1
>ALK-F1174L IISKFNHQNIV	35	>ALK-F1174L IISKLNHQNIV	49	14
>ALK-F1174L IISKFNHQNI	359	>ALK-F1174L IISKLNHQNI	705	346
>ALK-F1174L IISKFNHQNIV	68	>ALK-F1174L IISKLNHQNIV	100	32
>ALK-F1174L IISKFNHQNIV	452	>ALK-F1174L IISKLNHQNIV	924	472
>ALK-F1174L IISKFNHQNIV	29	>ALK-F1174L IISKLNHQNIV	45	16
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>ALK-F1174L LIISKFNHQNI	355	>ALK-F1174L LIISKLNHQNI	299	56
>ALK-F1174L LIISKFNHQNI	108	>ALK-F1174L LIISKLNHQNI	85	23
>ALK-F1174L LIISKFNHQNI	496	>ALK-F1174L LIISKLNHQNI	1576	1080
>ALK-F1174L ALIISKFNHQ	407	>ALK-F1174L ALIISKLNHQ	558	151
>ALK-F1174L EALIISKF	8385	>ALK-F1174L EALIISKL	102	8283
>ALK-F1174L EALIISKF	42	>ALK-F1174L EALIISKL	641	599
>ALK-F1174L EALIISKF	346	>ALK-F1174L EALIISKL	4624	4278
>ALK-F1174L MEALIISKF	92	>ALK-F1174L MEALIISKL	27	65
>ALK-F1174L MEALIISKFN	251	>ALK-F1174L MEALIISKLN	778	527
>ALK-F1174L MEALIISKF	6506	>ALK-F1174L MEALIISKL	397	6109
>ALK-F1174L MEALIISKF	252	>ALK-F1174L MEALIISKL	4277	4025
>ALK-F1174L MEALIISKF	21	>ALK-F1174L MEALIISKL	152	131
>ALK-F1174L MEALIISKF	549	>ALK-F1174L MEALIISKL	35	514
>ALK-F1174L MEALIISKF	866	>ALK-F1174L MEALIISKL	297	569
>ALK-F1174L MEALIISKF	402	>ALK-F1174L MEALIISKL	2287	1885
>ALK-F1174L MEALIISKF	69	>ALK-F1174L MEALIISKL	326	257
>ALK-F1174L MEALIISKF	360	>ALK-F1174L MEALIISKL	1977	1617
>ALK-F1174L MEALIISKF	12	>ALK-F1174L MEALIISKL	5	7
>ALK-F1174L LMEALIISKF	5225	>ALK-F1174L LMEALIISKL	56	5169
>ALK-F1174L LMEALIISKF	6465	>ALK-F1174L LMEALIISKL	108	6357
>ALK-F1174L LMEALIISKF	3260	>ALK-F1174L LMEALIISKL	33	3227
>ALK-F1174L LMEALIISKF	10181	>ALK-F1174L LMEALIISKL	181	10000
>ALK-F1174L LMEALIISKF	19218	>ALK-F1174L LMEALIISKL	425	18793
>ALK-F1174L LMEALIISKF	3713	>ALK-F1174L LMEALIISKL	5	3708
>ALK-F1174L LMEALIISKF	327	>ALK-F1174L LMEALIISKL	4523	4196
>ALK-F1174L LMEALIISKF	151	>ALK-F1174L LMEALIISKL	2142	1991
>ALK-F1174L LMEALIISKF	415	>ALK-F1174L LMEALIISKL	4775	4360
>ALK-F1174S FNHQNIVRCI	345	>ALK-F1174S SNHQNIVRCI	746	401

>ALK-F1174S FNHQIVR	329	>ALK-F1174S SNHQIVR	1021	692
>ALK-F1174S FNHQIVR	308	>ALK-F1174S SNHQIVR	271	37
>ALK-F1174S KFNHQIV	410	>ALK-F1174S KSNHQIV	108	302
>ALK-F1174S KFNHQIVR	320	>ALK-F1174S KSNHQIVR	84	236
>ALK-F1174S KFNHQIVRC	554	>ALK-F1174S KSNHQIVRC	171	383
>ALK-F1174S KFNHQIVR	9	>ALK-F1174S KSNHQIVR	15	6
>ALK-F1174S KFNHQIVRC	1302	>ALK-F1174S KSNHQIVRC	168	1134
>ALK-F1174S KFNHQIVR	17	>ALK-F1174S KSNHQIVR	108	91
>ALK-F1174S KFNHQIVRC	9740	>ALK-F1174S KSNHQIVRC	94	9646
>ALK-F1174S FLMEALIISKF	50	>ALK-F1174S FLMEALIISKS	36	14
>ALK-F1174S FLMEALIISKF	8	>ALK-F1174S FLMEALIISKS	6	2
>ALK-F1174S FLMEALIISKF	16	>ALK-F1174S FLMEALIISKS	8	8
>ALK-F1174S FLMEALIISKF	22	>ALK-F1174S FLMEALIISKS	39	17
>ALK-F1174S FLMEALIISKF	18	>ALK-F1174S FLMEALIISKS	23	5
>ALK-F1174S FLMEALIISKF	90	>ALK-F1174S FLMEALIISKS	87	3
>ALK-F1174S FLMEALIISKF	757	>ALK-F1174S FLMEALIISKS	259	498
>ALK-F1174S FLMEALIISKF	81	>ALK-F1174S FLMEALIISKS	104	23
>ALK-F1174S FLMEALIISKF	31	>ALK-F1174S FLMEALIISKS	17	14
>ALK-F1174S FLMEALIISKF	129	>ALK-F1174S FLMEALIISKS	19519	19390
>ALK-F1174S FLMEALIISKF	228	>ALK-F1174S FLMEALIISKS	15049	14821
>ALK-F1174S FLMEALIISKF	494	>ALK-F1174S FLMEALIISKS	24966	24472
>ALK-F1174S FLMEALIISKF	110	>ALK-F1174S FLMEALIISKS	12379	12269
>ALK-F1174S FLMEALIISKF	40	>ALK-F1174S FLMEALIISKS	8144	8104
>ALK-F1174S FLMEALIISKF	19	>ALK-F1174S FLMEALIISKS	10923	10904
>ALK-F1174S FLMEALIISKF	233	>ALK-F1174S FLMEALIISKS	23511	23278
>ALK-F1174S FLMEALIISKF	327	>ALK-F1174S FLMEALIISKS	13210	12883
>ALK-F1174S FLMEALIISKF	389	>ALK-F1174S FLMEALIISKS	15936	15547
>ALK-F1174S SKFNHQNI	12	>ALK-F1174S SKSNHQNI	82	70
>ALK-F1174S SKFNHQIV	17	>ALK-F1174S SKSNHQIV	161	144
>ALK-F1174S SKFNHQIVR	61	>ALK-F1174S SKSNHQIVR	565	504
>ALK-F1174S SKFNHQIVR	370	>ALK-F1174S SKSNHQIVR	1731	1361
>ALK-F1174S ISKFNHQNI	21	>ALK-F1174S ISKSNHQNI	26	5
>ALK-F1174S ISKFNHQIV	73	>ALK-F1174S ISKSNHQIV	102	29
>ALK-F1174S ISKFNHQNIV	91	>ALK-F1174S ISKSNHQNIV	130	39
>ALK-F1174S ISKFNHQNIV	21	>ALK-F1174S ISKSNHQNIV	20	1
>ALK-F1174S ISKFNHQNIV	139	>ALK-F1174S ISKSNHQNIV	233	94
>ALK-F1174S ISKFNHQNI	311	>ALK-F1174S ISKSNHQNI	76	235
>ALK-F1174S ISKFNHQIV	930	>ALK-F1174S ISKSNHQIV	224	706
>ALK-F1174S ISKFNHQNI	42	>ALK-F1174S ISKSNHQNI	68	26
>ALK-F1174S ISKFNHQNI	854	>ALK-F1174S ISKSNHQNI	326	528
>ALK-F1174S IISKFNHQIV	35	>ALK-F1174S IISKSNHQIV	81	46
>ALK-F1174S IISKFNHQNI	359	>ALK-F1174S IISKSNHQNI	946	587
>ALK-F1174S IISKFNHQIV	68	>ALK-F1174S IISKSNHQIV	77	9

>ALK-F1174S IISKFNHQNIV	452	>ALK-F1174S IISKSNHQNIV	1070	618
>ALK-F1174S IISKFNHQNIV	29	>ALK-F1174S IISKSNHQNIV	33	4
>ALK-F1174S LIISKFNHQNI	367	>ALK-F1174S LIISKSNHQNI	941	574
>ALK-F1174S LIISKFNHQNI	355	>ALK-F1174S LIISKSNHQNI	387	32
>ALK-F1174S LIISKFNHQNI	108	>ALK-F1174S LIISKSNHQNI	136	28
>ALK-F1174S LIISKFNHQNI	496	>ALK-F1174S LIISKSNHQNI	1374	878
>ALK-F1174S ALIISKFNHQ	407	>ALK-F1174S ALIISKSNHQ	698	291
>ALK-F1174S EALIISKF	42	>ALK-F1174S EALIISKS	15921	15879
>ALK-F1174S EALIISKF	346	>ALK-F1174S EALIISKS	15854	15508
>ALK-F1174S MEALIISKF	92	>ALK-F1174S MEALIISKS	3417	3325
>ALK-F1174S MEALIISKFN	251	>ALK-F1174S MEALIISKSN	1245	994
>ALK-F1174S MEALIISKF	252	>ALK-F1174S MEALIISKS	21726	21474
>ALK-F1174S MEALIISKF	21	>ALK-F1174S MEALIISKS	1795	1774
>ALK-F1174S MEALIISKF	402	>ALK-F1174S MEALIISKS	7647	7245
>ALK-F1174S MEALIISKF	69	>ALK-F1174S MEALIISKS	2241	2172
>ALK-F1174S MEALIISKF	1375	>ALK-F1174S MEALIISKS	307	1068
>ALK-F1174S MEALIISKF	360	>ALK-F1174S MEALIISKS	16774	16414
>ALK-F1174S MEALIISKF	12	>ALK-F1174S MEALIISKS	226	214
>ALK-F1174S LMEALIISKF	327	>ALK-F1174S LMEALIISKS	16067	15740
>ALK-F1174S LMEALIISKF	151	>ALK-F1174S LMEALIISKS	18180	18029
>ALK-F1174S LMEALIISKF	415	>ALK-F1174S LMEALIISKS	25205	24790
>ALK-F1174V FNHQNIVRCI	345	>ALK-F1174V VNHQNIVRCI	1468	1123
>ALK-F1174V FNHQNIVR	329	>ALK-F1174V VNHQNIVR	3053	2724
>ALK-F1174V FNHQNIVR	308	>ALK-F1174V VNHQNIVR	483	175
>ALK-F1174V KFNHQNIV	8094	>ALK-F1174V KVNHQNIV	107	7987
>ALK-F1174V KFNHQNIVR	7132	>ALK-F1174V KVNHQNIVR	363	6769
>ALK-F1174V KFNHQNIVR	10350	>ALK-F1174V KVNHQNIVR	271	10079
>ALK-F1174V KFNHQNIV	410	>ALK-F1174V KVNHQNIV	83	327
>ALK-F1174V KFNHQNIVR	320	>ALK-F1174V KVNHQNIVR	65	255
>ALK-F1174V KFNHQNIVRC	554	>ALK-F1174V KVNHQNIVRC	139	415
>ALK-F1174V KFNHQNIVR	9	>ALK-F1174V KVNHQNIVR	15	6
>ALK-F1174V KFNHQNIVRC	1302	>ALK-F1174V KVNHQNIVRC	105	1197
>ALK-F1174V KFNHQNIVR	17	>ALK-F1174V KVNHQNIVR	64	47
>ALK-F1174V FLMEALIISKF	50	>ALK-F1174V FLMEALIISKV	6	44
>ALK-F1174V FLMEALIISKF	8	>ALK-F1174V FLMEALIISKV	2	6
>ALK-F1174V FLMEALIISKF	16	>ALK-F1174V FLMEALIISKV	2	14
>ALK-F1174V FLMEALIISKF	22	>ALK-F1174V FLMEALIISKV	3	19
>ALK-F1174V FLMEALIISKF	18	>ALK-F1174V FLMEALIISKV	1	17
>ALK-F1174V FLMEALIISKF	90	>ALK-F1174V FLMEALIISKV	2	88
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>ALK-F1174V FLMEALIISKF	31	>ALK-F1174V FLMEALIISKV	1	30
>ALK-F1174V FLMEALIISKF	129	>ALK-F1174V FLMEALIISKV	13460	13331

>ALK-F1174V FLMEALIISKF	228	>ALK-F1174V FLMEALIISKV	3503	3275
>ALK-F1174V FLMEALIISKF	494	>ALK-F1174V FLMEALIISKV	11638	11144
>ALK-F1174V FLMEALIISKF	8356	>ALK-F1174V FLMEALIISKV	52	8304
>ALK-F1174V FLMEALIISKF	7246	>ALK-F1174V FLMEALIISKV	12	7234
>ALK-F1174V FLMEALIISKF	110	>ALK-F1174V FLMEALIISKV	4563	4453
>ALK-F1174V FLMEALIISKF	40	>ALK-F1174V FLMEALIISKV	1149	1109
>ALK-F1174V FLMEALIISKF	19	>ALK-F1174V FLMEALIISKV	1179	1160
>ALK-F1174V FLMEALIISKF	233	>ALK-F1174V FLMEALIISKV	15464	15231
>ALK-F1174V FLMEALIISKF	327	>ALK-F1174V FLMEALIISKV	14858	14531
>ALK-F1174V FLMEALIISKF	389	>ALK-F1174V FLMEALIISKV	4195	3806
>ALK-F1174V SKFNHQNI	12	>ALK-F1174V SKVNHQNI	80	68
>ALK-F1174V SKFNHQNIV	17	>ALK-F1174V SKVNHQNIV	134	117
>ALK-F1174V SKFNHQNIVF	61	>ALK-F1174V SKVNHQNIVF	480	419
>ALK-F1174V SKFNHQNIVR	370	>ALK-F1174V SKVNHQNIVR	1242	872
>ALK-F1174V ISKFNHQNI	21	>ALK-F1174V ISKVNHQNI	24	3
>ALK-F1174V ISKFNHQNIV	73	>ALK-F1174V ISKVNHQNIV	90	17
>ALK-F1174V ISKFNHQNIVI	91	>ALK-F1174V ISKVNHQNIVI	112	21
>ALK-F1174V ISKFNHQNIVI	21	>ALK-F1174V ISKVNHQNIVI	22	1
>ALK-F1174V ISKFNHQNIVI	139	>ALK-F1174V ISKVNHQNIVI	380	241
>ALK-F1174V ISKFNHQNI	311	>ALK-F1174V ISKVNHQNI	197	114
>ALK-F1174V ISKFNHQNI	42	>ALK-F1174V ISKVNHQNI	35	7
>ALK-F1174V IISKFNHQNIV	35	>ALK-F1174V IISKVNHQNIV	46	11
>ALK-F1174V IISKFNHQNI	359	>ALK-F1174V IISKVNHQNI	1094	735
>ALK-F1174V IISKFNHQNIV	68	>ALK-F1174V IISKVNHQNIV	79	11
>ALK-F1174V IISKFNHQNIV	452	>ALK-F1174V IISKVNHQNIV	396	56
>ALK-F1174V IISKFNHQNIV	811	>ALK-F1174V IISKVNHQNIV	404	407
>ALK-F1174V IISKFNHQNIV	29	>ALK-F1174V IISKVNHQNIV	42	13
>ALK-F1174V LIISKFNHQNI	367	>ALK-F1174V LIISKVNHQNI	982	615
>ALK-F1174V LIISKFNHQNI	355	>ALK-F1174V LIISKVNHQNI	340	15
>ALK-F1174V LIISKFNHQNI	108	>ALK-F1174V LIISKVNHQNI	85	23
>ALK-F1174V LIISKFNHQNI	496	>ALK-F1174V LIISKVNHQNI	1417	921
>ALK-F1174V ALIISKFNHQ	407	>ALK-F1174V ALIISKVNHQ	454	47
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>ALK-F1174V EALIISKF	42	>ALK-F1174V EALIISKV	8476	8434
>ALK-F1174V EALIISKF	346	>ALK-F1174V EALIISKV	13948	13602
>ALK-F1174V MEALIISKF	92	>ALK-F1174V MEALIISKV	15	77
>ALK-F1174V MEALIISKFN	251	>ALK-F1174V MEALIISKVN	2398	2147
>ALK-F1174V MEALIISKF	6506	>ALK-F1174V MEALIISKV	281	6225
>ALK-F1174V MEALIISKF	17982	>ALK-F1174V MEALIISKV	89	17893
>ALK-F1174V MEALIISKF	252	>ALK-F1174V MEALIISKV	7304	7052
>ALK-F1174V MEALIISKF	21	>ALK-F1174V MEALIISKV	533	512
>ALK-F1174V MEALIISKF	549	>ALK-F1174V MEALIISKV	343	206



>ALK-F1174VMEALIISKF	402	>ALK-F1174VMEALIISKV	3506	3104
>ALK-F1174VMEALIISKF	69	>ALK-F1174VMEALIISKV	691	622
>ALK-F1174VMEALIISKF	1375	>ALK-F1174VMEALIISKV	67	1308
>ALK-F1174VMEALIISKF	360	>ALK-F1174VMEALIISKV	5168	4808
>ALK-F1174VMEALIISKF	12	>ALK-F1174VMEALIISKV	4	8
>ALK-F1174VLMEALIISKF	8275	>ALK-F1174VLMEALIISKV	163	8112
>ALK-F1174VLMEALIISKF	5225	>ALK-F1174VLMEALIISKV	57	5168
>ALK-F1174VLMEALIISKF	6465	>ALK-F1174VLMEALIISKV	26	6439
>ALK-F1174VLMEALIISKF	15521	>ALK-F1174VLMEALIISKV	269	15252
>ALK-F1174VLMEALIISKF	3260	>ALK-F1174VLMEALIISKV	4	3256
>ALK-F1174VLMEALIISKF	10181	>ALK-F1174VLMEALIISKV	16	10165
>ALK-F1174VLMEALIISKF	19218	>ALK-F1174VLMEALIISKV	23	19195
>ALK-F1174VLMEALIISKF	19501	>ALK-F1174VLMEALIISKV	48	19453
>ALK-F1174VLMEALIISKF	3713	>ALK-F1174VLMEALIISKV	2	3711
>ALK-F1174VLMEALIISKF	327	>ALK-F1174VLMEALIISKV	8439	8112
>ALK-F1174VLMEALIISKF	151	>ALK-F1174VLMEALIISKV	3835	3684
>ALK-F1174VLMEALIISKF	415	>ALK-F1174VLMEALIISKV	7481	7066
>ALK-F1245CFIHRDIAA	64	>ALK-F1245CFIHRDIAA	2131	2067
>ALK-F1245CFIHRDIAA	85	>ALK-F1245CFIHRDIAA	8471	8386
>ALK-F1245CFIHRDIAA	182	>ALK-F1245CFIHRDIAA	6995	6813
>ALK-F1245CFIHRDIAA	99	>ALK-F1245CFIHRDIAA	6537	6438
>ALK-F1245CFIHRDIAAR	340	>ALK-F1245CFIHRDIAAR	94	246
>ALK-F1245CFIHRDIAAR	468	>ALK-F1245CFIHRDIAAR	678	210
>ALK-F1245CFIHRDIAAR	38	>ALK-F1245CFIHRDIAAR	174	136
>ALK-F1245CFIHRDIAAR	875	>ALK-F1245CFIHRDIAAR	422	453
>ALK-F1245CFIHRDIAAR	50	>ALK-F1245CFIHRDIAAR	470	420
>ALK-F1245CFIHRDIAAR	85	>ALK-F1245CFIHRDIAAR	2986	2901
>ALK-F1245CFIHRDIAAR	72	>ALK-F1245CFIHRDIAAR	3293	3221
>ALK-F1245CFIHRDIAAR	32	>ALK-F1245CFIHRDIAAR	87	55
>ALK-F1245CNHFIHRDIAA	480	>ALK-F1245CNHFIHRDIAA	3297	2817
>ALK-F1245CEENHFIHRDI	16	>ALK-F1245CEENHFIHRDI	29	13
>ALK-F1245CEENHFIHR	134	>ALK-F1245CEENHFIHR	365	231
>ALK-F1245CEENHFIHRDI	376	>ALK-F1245CEENHFIHRDI	205	171
>ALK-F1245CEENHFIHRDI/	442	>ALK-F1245CEENHFIHRDI/	506	64
>ALK-F1245CEENHFIHRDI	66	>ALK-F1245CEENHFIHRDI	160	94
>ALK-F1245CEENHFIHRD	468	>ALK-F1245CEENHFIHRD	590	122
>ALK-F1245CEENHFIHRDI	157	>ALK-F1245CEENHFIHRDI	1130	973
>ALK-F1245CEENHFIHRD	361	>ALK-F1245CEENHFIHRD	3080	2719
>ALK-F1245CEENHFIHRDI	356	>ALK-F1245CEENHFIHRDI	690	334
>ALK-F1245CEENHFIHRDI/	13	>ALK-F1245CEENHFIHRDI/	31	18
>ALK-F1245CEENHFIHR	88	>ALK-F1245CEENHFIHR	200	112
>ALK-F1245CLEENHFIHRD	63	>ALK-F1245CLEENHFIHRD	52	11
>ALK-F1245CLEENHFIHRD	125	>ALK-F1245CLEENHFIHRD	271	146

>ALK-F1245C LEENHFIHRD	85	>ALK-F1245C LEENHCIHRD	104	19
>ALK-F1245C LEENHFIHR	326	>ALK-F1245C LEENHCIHR	1718	1392
>ALK-F1245C YLEENHFI	26	>ALK-F1245C YLEENHCI	110	84
>ALK-F1245C YLEENHFI	6	>ALK-F1245C YLEENHCI	29	23
>ALK-F1245C YLEENHFI	43	>ALK-F1245C YLEENHCI	384	341
>ALK-F1245C YLEENHFI	26	>ALK-F1245C YLEENHCI	267	241
>ALK-F1245C YLEENHFI	3	>ALK-F1245C YLEENHCI	9	6
>ALK-F1245C YLEENHFI	3	>ALK-F1245C YLEENHCI	5	2
>ALK-F1245C YLEENHFI	14	>ALK-F1245C YLEENHCI	36	22
>ALK-F1245C YLEENHFI	14	>ALK-F1245C YLEENHCI	40	26
>ALK-F1245C YLEENHFI	2	>ALK-F1245C YLEENHCI	4	2
>ALK-F1245C YLEENHFIHRI	165	>ALK-F1245C YLEENHCIHRI	172	7
>ALK-F1245C YLEENHFI	228	>ALK-F1245C YLEENHCI	2118	1890
>ALK-F1245C YLEENHFIHR	667	>ALK-F1245C YLEENHCIHR	463	204
>ALK-F1245C YLEENHFIHR	104	>ALK-F1245C YLEENHCIHR	190	86
>ALK-F1245C QYLEENHFI	420	>ALK-F1245C QYLEENHCI	2191	1771
>ALK-F1245C QYLEENHFI	334	>ALK-F1245C QYLEENHCI	1391	1057
>ALK-F1245C QYLEENHF	36	>ALK-F1245C QYLEENHC	15161	15125
>ALK-F1245C QYLEENHFI	46	>ALK-F1245C QYLEENHCI	61	15
>ALK-F1245C QYLEENHF	291	>ALK-F1245C QYLEENHC	15574	15283
>ALK-F1245C QYLEENHFI	144	>ALK-F1245C QYLEENHCI	273	129
>ALK-F1245C QYLEENHF	5	>ALK-F1245C QYLEENHC	1043	1038
>ALK-F1245C QYLEENHFI	6	>ALK-F1245C QYLEENHCI	40	34
>ALK-F1245C QYLEENHFIH	482	>ALK-F1245C QYLEENHCIH	1387	905
>ALK-F1245C QYLEENHFIH	113	>ALK-F1245C QYLEENHCIH	352	239
>ALK-F1245C QYLEENHFIH	46	>ALK-F1245C QYLEENHCIH	90	44
>ALK-F1245C QYLEENHFIH	11	>ALK-F1245C QYLEENHCIH	15	4
>ALK-F1245C QYLEENHFI	260	>ALK-F1245C QYLEENHCI	1467	1207
>ALK-F1245C CQYLEENHFI	171	>ALK-F1245C CQYLEENHCI	464	293
>ALK-F1245C CQYLEENHFI	268	>ALK-F1245C CQYLEENHCI	1240	972
>ALK-F1245C CQYLEENHF	427	>ALK-F1245C CQYLEENHC	15372	14945
>ALK-F1245C CQYLEENHF	16	>ALK-F1245C CQYLEENHC	6964	6948
>ALK-F1245I- FIHRDIAA	64	>ALK-F1245I- IHRDIAA	870	806
>ALK-F1245I- FIHRDIAA	85	>ALK-F1245I- IHRDIAA	1484	1399
>ALK-F1245I- FIHRDIAA	182	>ALK-F1245I- IHRDIAA	1447	1265
>ALK-F1245I- FIHRDIAA	99	>ALK-F1245I- IHRDIAA	1236	1137
>ALK-F1245I- FIHRDIAAR	340	>ALK-F1245I- IHRDIAAR	37	303
>ALK-F1245I- FIHRDIAAR	468	>ALK-F1245I- IHRDIAAR	411	57
>ALK-F1245I- FIHRDIAAR	38	>ALK-F1245I- IHRDIAAR	133	95
>ALK-F1245I- FIHRDIAAR	875	>ALK-F1245I- IHRDIAAR	482	393
>ALK-F1245I- HFIHRDIAAR	50	>ALK-F1245I- HIIHRDIAAR	89	39
>ALK-F1245I- HFIHRDIAAR	85	>ALK-F1245I- HIIHRDIAAR	230	145
>ALK-F1245I- HFIHRDIAAR	72	>ALK-F1245I- HIIHRDIAAR	21	51

>ALK-F1245I-HFIHRDIAAR	32	>ALK-F1245I-HIIHRDIAAR	68	36
>ALK-F1245I-CGCQYLEENF	16824	>ALK-F1245I-CGCQYLEENF	218	16606
>ALK-F1245I-NHFIHRDIAA	480	>ALK-F1245I-NHIIHRDIAAF	1074	594
>ALK-F1245I-EENHFIHRDI	16	>ALK-F1245I-EENHIIIHRDI	15	1
>ALK-F1245I-EENHFIHR	134	>ALK-F1245I-EENHIIHR	118	16
>ALK-F1245I-EENHFIHRDI	376	>ALK-F1245I-EENHIIIHRDI	487	111
>ALK-F1245I-EENHFIHRDI/	442	>ALK-F1245I-EENHIIIHRDIA	694	252
>ALK-F1245I-EENHFIHRDI	66	>ALK-F1245I-EENHIIIHRDI	167	101
>ALK-F1245I-EENHFIHRD	468	>ALK-F1245I-EENHIIHRD	441	27
>ALK-F1245I-EENHFIHRDI	157	>ALK-F1245I-EENHIIIHRDI	568	411
>ALK-F1245I-EENHFIHRD	361	>ALK-F1245I-EENHIIHRD	942	581
>ALK-F1245I-EENHFIHRDI	356	>ALK-F1245I-EENHIIIHRDI	835	479
>ALK-F1245I-EENHFIHRDI/	13	>ALK-F1245I-EENHIIIHRDIA	19	6
>ALK-F1245I-EENHFIHR	88	>ALK-F1245I-EENHIIHR	256	168
>ALK-F1245I-LEENHFIHRD	63	>ALK-F1245I-LEENHIIIHRDI	66	3
>ALK-F1245I-LEENHFIHRD	125	>ALK-F1245I-LEENHIIIHRDI	254	129
>ALK-F1245I-LEENHFIHRD	85	>ALK-F1245I-LEENHIIIHRDI	68	17
>ALK-F1245I-LEENHFIHR	326	>ALK-F1245I-LEENHIIHR	790	464
>ALK-F1245I-YLEENHFI	26	>ALK-F1245I-YLEENHII	132	106
>ALK-F1245I-YLEENHFI	6	>ALK-F1245I-YLEENHII	35	29
>ALK-F1245I-YLEENHFI	43	>ALK-F1245I-YLEENHII	117	74
>ALK-F1245I-YLEENHFI	26	>ALK-F1245I-YLEENHII	227	201
>ALK-F1245I-YLEENHFI	3	>ALK-F1245I-YLEENHII	11	8
>ALK-F1245I-YLEENHFI	3	>ALK-F1245I-YLEENHII	5	2
>ALK-F1245I-YLEENHFI	14	>ALK-F1245I-YLEENHII	75	61
>ALK-F1245I-YLEENHFI	14	>ALK-F1245I-YLEENHII	128	114
>ALK-F1245I-YLEENHFI	2	>ALK-F1245I-YLEENHII	3	1
>ALK-F1245I-YLEENHFIHRI	165	>ALK-F1245I-YLEENHIIIHRC	258	93
>ALK-F1245I-YLEENHFI	228	>ALK-F1245I-YLEENHII	1596	1368
>ALK-F1245I-YLEENHFIHR	104	>ALK-F1245I-YLEENHIIIHR	149	45
>ALK-F1245I-QYLEENHF	10834	>ALK-F1245I-QYLEENHI	98	10736
>ALK-F1245I-QYLEENHFI	420	>ALK-F1245I-QYLEENHII	1280	860
>ALK-F1245I-QYLEENHFI	334	>ALK-F1245I-QYLEENHII	2466	2132
>ALK-F1245I-QYLEENHF	36	>ALK-F1245I-QYLEENHI	155	119
>ALK-F1245I-QYLEENHFI	46	>ALK-F1245I-QYLEENHII	45	1
>ALK-F1245I-QYLEENHF	291	>ALK-F1245I-QYLEENHI	572	281
>ALK-F1245I-QYLEENHFI	144	>ALK-F1245I-QYLEENHII	274	130
>ALK-F1245I-QYLEENHF	5	>ALK-F1245I-QYLEENHI	10	5
>ALK-F1245I-QYLEENHFI	6	>ALK-F1245I-QYLEENHII	12	6
>ALK-F1245I-QYLEENHFIH	482	>ALK-F1245I-QYLEENHIIIHF	932	450
>ALK-F1245I-QYLEENHFIH	113	>ALK-F1245I-QYLEENHIIIHF	212	99
>ALK-F1245I-QYLEENHFIH	46	>ALK-F1245I-QYLEENHIIIHF	90	44
>ALK-F1245I-QYLEENHFIH	11	>ALK-F1245I-QYLEENHIIIHF	13	2

>ALK-F1245I-QYLEENHFI	260	>ALK-F1245I-QYLEENHII	1415	1155
>ALK-F1245I-CQYLEENHFI	171	>ALK-F1245I-CQYLEENHII	861	690
>ALK-F1245I-CQYLEENHFI	268	>ALK-F1245I-CQYLEENHII	1323	1055
>ALK-F1245I-CQYLEENHF	427	>ALK-F1245I-CQYLEENHI	7907	7480
>ALK-F1245I-CQYLEENHF	16	>ALK-F1245I-CQYLEENHI	552	536
>ALK-F1245I-CQYLEENHFI	667	>ALK-F1245I-CQYLEENHII	383	284
>ALK-F1245I-CQYLEENHF	2401	>ALK-F1245I-CQYLEENHI	483	1918
>ALK-F1245L-FIHRDIAA	64	>ALK-F1245L-LIHRDIAA	745	681
>ALK-F1245L-FIHRDIAA	85	>ALK-F1245L-LIHRDIAA	1431	1346
>ALK-F1245L-FIHRDIAA	182	>ALK-F1245L-LIHRDIAA	1441	1259
>ALK-F1245L-FIHRDIAA	99	>ALK-F1245L-LIHRDIAA	625	526
>ALK-F1245L-FIHRDIAAR	340	>ALK-F1245L-LIHRDIAAR	46	294
>ALK-F1245L-FIHRDIAAR	468	>ALK-F1245L-LIHRDIAAR	735	267
>ALK-F1245L-FIHRDIAAR	38	>ALK-F1245L-LIHRDIAAR	178	140
>ALK-F1245L-HFIHRDIA	16902	>ALK-F1245L-HLIHRDIA	414	16488
>ALK-F1245L-HFIHRDIAA	17235	>ALK-F1245L-HLIHRDIAA	282	16953
>ALK-F1245L-HFIHRDIAA	17960	>ALK-F1245L-HLIHRDIAA	120	17840
>ALK-F1245L-HFIHRDIAA	31472	>ALK-F1245L-HLIHRDIAA	476	30996
>ALK-F1245L-HFIHRDIAAR	50	>ALK-F1245L-HLIHRDIAAR	126	76
>ALK-F1245L-HFIHRDIAAR	85	>ALK-F1245L-HLIHRDIAAR	380	295
>ALK-F1245L-HFIHRDIAAR	72	>ALK-F1245L-HLIHRDIAAR	104	32
>ALK-F1245L-HFIHRDIAAR	32	>ALK-F1245L-HLIHRDIAAR	100	68
>ALK-F1245L-NHFIHRDIAA	480	>ALK-F1245L-NHLIHRDIAA	6008	5528
>ALK-F1245L-EENHFIHRDI	16	>ALK-F1245L-EENHLIHRDI	15	1
>ALK-F1245L-EENHFIHR	134	>ALK-F1245L-EENHLIHR	300	166
>ALK-F1245L-EENHFIHRDI	376	>ALK-F1245L-EENHLIHRDI	366	10
>ALK-F1245L-EENHFIHRDI/	442	>ALK-F1245L-EENHLIHRDI/	472	30
>ALK-F1245L-EENHFIHRDI	66	>ALK-F1245L-EENHLIHRDI	77	11
>ALK-F1245L-EENHFIHRD	468	>ALK-F1245L-EENHLIHRD	495	27
>ALK-F1245L-EENHFIHRDI	157	>ALK-F1245L-EENHLIHRDI	342	185
>ALK-F1245L-EENHFIHRD	361	>ALK-F1245L-EENHLIHRD	1066	705
>ALK-F1245L-EENHFIHRDI	356	>ALK-F1245L-EENHLIHRDI	640	284
>ALK-F1245L-EENHFIHRDI/	13	>ALK-F1245L-EENHLIHRDI/	20	7
>ALK-F1245L-EENHFIHR	88	>ALK-F1245L-EENHLIHR	393	305
>ALK-F1245L-LEENHFIHRD	63	>ALK-F1245L-LEENHLIHRDI	45	18
>ALK-F1245L-LEENHFIHRD	125	>ALK-F1245L-LEENHLIHRDI	233	108
>ALK-F1245L-LEENHFIHRD	85	>ALK-F1245L-LEENHLIHRDI	61	24
>ALK-F1245L-LEENHFIHR	326	>ALK-F1245L-LEENHLIHR	2065	1739
>ALK-F1245L-YLEENHFI	26	>ALK-F1245L-YLEENHLI	49	23
>ALK-F1245L-YLEENHFI	6	>ALK-F1245L-YLEENHLI	14	8
>ALK-F1245L-YLEENHFI	43	>ALK-F1245L-YLEENHLI	57	14
>ALK-F1245L-YLEENHFI	26	>ALK-F1245L-YLEENHLI	97	71
>ALK-F1245L-YLEENHFI	3	>ALK-F1245L-YLEENHLI	6	3

>ALK-F1245L YLEENHFI	3	>ALK-F1245L YLEENHLI	6	3
>ALK-F1245L YLEENHFI	14	>ALK-F1245L YLEENHLI	47	33
>ALK-F1245L YLEENHFI	14	>ALK-F1245L YLEENHLI	101	87
>ALK-F1245L YLEENHFI	2	>ALK-F1245L YLEENHLI	3	1
>ALK-F1245L YLEENHFIHRI	165	>ALK-F1245L YLEENHLIHRI	326	161
>ALK-F1245L YLEENHFI	228	>ALK-F1245L YLEENHLI	708	480
>ALK-F1245L YLEENHFIHR	104	>ALK-F1245L YLEENHLIHR	228	124
>ALK-F1245L QYLEENHF	10834	>ALK-F1245L QYLEENHL	342	10492
>ALK-F1245L QYLEENHFI	420	>ALK-F1245L QYLEENHLI	1742	1322
>ALK-F1245L QYLEENHFI	334	>ALK-F1245L QYLEENHLI	972	638
>ALK-F1245L QYLEENHF	36	>ALK-F1245L QYLEENHL	372	336
>ALK-F1245L QYLEENHFI	46	>ALK-F1245L QYLEENHLI	33	13
>ALK-F1245L QYLEENHF	291	>ALK-F1245L QYLEENHL	1340	1049
>ALK-F1245L QYLEENHFI	144	>ALK-F1245L QYLEENHLI	103	41
>ALK-F1245L QYLEENHF	5	>ALK-F1245L QYLEENHL	9	4
>ALK-F1245L QYLEENHFI	6	>ALK-F1245L QYLEENHLI	10	4
>ALK-F1245L QYLEENHFIH	482	>ALK-F1245L QYLEENHLIH	925	443
>ALK-F1245L QYLEENHFIH	113	>ALK-F1245L QYLEENHLIH	187	74
>ALK-F1245L QYLEENHFIH	46	>ALK-F1245L QYLEENHLIH	79	33
>ALK-F1245L QYLEENHFIH	11	>ALK-F1245L QYLEENHLIH	14	3
>ALK-F1245L QYLEENHFI	260	>ALK-F1245L QYLEENHLI	889	629
>ALK-F1245L CQYLEENHF	818	>ALK-F1245L CQYLEENHL	378	440
>ALK-F1245L CQYLEENHFI	171	>ALK-F1245L CQYLEENHLI	362	191
>ALK-F1245L CQYLEENHFI	268	>ALK-F1245L CQYLEENHLI	436	168
>ALK-F1245L CQYLEENHF	427	>ALK-F1245L CQYLEENHL	5561	5134
>ALK-F1245L CQYLEENHF	16	>ALK-F1245L CQYLEENHL	352	336
>ALK-F1245V FIHRDIAA	64	>ALK-F1245V VIHRDIAA	1154	1090
>ALK-F1245V FIHRDIAA	85	>ALK-F1245V VIHRDIAA	2149	2064
>ALK-F1245V FIHRDIAA	182	>ALK-F1245V VIHRDIAA	1257	1075
>ALK-F1245V FIHRDIAA	99	>ALK-F1245V VIHRDIAA	949	850
>ALK-F1245V FIHRDIAAR	340	>ALK-F1245V VIHRDIAAR	60	280
>ALK-F1245V FIHRDIAAR	468	>ALK-F1245V VIHRDIAAR	972	504
>ALK-F1245V FIHRDIAAR	38	>ALK-F1245V VIHRDIAAR	429	391
>ALK-F1245V HFIHRDIAAR	50	>ALK-F1245V HVIHRDIAAR	106	56
>ALK-F1245V HFIHRDIAAR	85	>ALK-F1245V HVIHRDIAAR	302	217
>ALK-F1245V HFIHRDIAAR	72	>ALK-F1245V HVIHRDIAAR	15	57
>ALK-F1245V HFIHRDIA	14234	>ALK-F1245V HVIHRDIA	261	13973
>ALK-F1245V HFIHRDIAA	11167	>ALK-F1245V HVIHRDIAA	129	11038
>ALK-F1245V HFIHRDIAAR	32	>ALK-F1245V HVIHRDIAAR	163	131
>ALK-F1245V NHFIHRDIAA	480	>ALK-F1245V NHVIHRDIAA	1739	1259
>ALK-F1245V EENHFIHRDI	16	>ALK-F1245V EENHVIHRDI	16	0
>ALK-F1245V EENHFIHR	134	>ALK-F1245V EENHVIHR	133	1
>ALK-F1245V EENHFIHRDI	376	>ALK-F1245V EENHVIHRDI	486	110

>ALK-F1245V EENHFIHRDI/	442	>ALK-F1245V EENHVIHRDI/	988	546
>ALK-F1245V EENHFIHRDI	66	>ALK-F1245V EENHVIHRDI	162	96
>ALK-F1245V EENHFIHRD	468	>ALK-F1245V EENHVIHRD	559	91
>ALK-F1245V EENHFIHRDI	157	>ALK-F1245V EENHVIHRDI	697	540
>ALK-F1245V EENHFIHRD	361	>ALK-F1245V EENHVIHRD	1080	719
>ALK-F1245V EENHFIHRDI	356	>ALK-F1245V EENHVIHRDI	807	451
>ALK-F1245V EENHFIHRDI/	13	>ALK-F1245V EENHVIHRDI/	21	8
>ALK-F1245V EENHFIHR	88	>ALK-F1245V EENHVIHR	718	630
>ALK-F1245V LEENHFIHRD	63	>ALK-F1245V LEENHVIHRD	60	3
>ALK-F1245V LEENHFIHRD	125	>ALK-F1245V LEENHVIHRD	287	162
>ALK-F1245V LEENHFIHRD	85	>ALK-F1245V LEENHVIHRD	66	19
>ALK-F1245V LEENHFIHR	326	>ALK-F1245V LEENHVIHR	1327	1001
>ALK-F1245V YLEENHFI	26	>ALK-F1245V YLEENHVI	141	115
>ALK-F1245V YLEENHFI	6	>ALK-F1245V YLEENHVI	35	29
>ALK-F1245V YLEENHFI	43	>ALK-F1245V YLEENHVI	132	89
>ALK-F1245V YLEENHFI	26	>ALK-F1245V YLEENHVI	191	165
>ALK-F1245V YLEENHFI	3	>ALK-F1245V YLEENHVI	6	3
>ALK-F1245V YLEENHFI	3	>ALK-F1245V YLEENHVI	5	2
>ALK-F1245V YLEENHFI	14	>ALK-F1245V YLEENHVI	62	48
>ALK-F1245V YLEENHFI	14	>ALK-F1245V YLEENHVI	74	60
>ALK-F1245V YLEENHFI	2	>ALK-F1245V YLEENHVI	3	1
>ALK-F1245V YLEENHFIHR	165	>ALK-F1245V YLEENHVIHR	259	94
>ALK-F1245V YLEENHFI	228	>ALK-F1245V YLEENHVI	1504	1276
>ALK-F1245V YLEENHFIHR	104	>ALK-F1245V YLEENHVIHR	179	75
>ALK-F1245V QYLEENHFI	420	>ALK-F1245V QYLEENHVI	321	99
>ALK-F1245V QYLEENHFI	334	>ALK-F1245V QYLEENHVI	2827	2493
>ALK-F1245V QYLEENHF	36	>ALK-F1245V QYLEENHV	2758	2722
>ALK-F1245V QYLEENHFI	46	>ALK-F1245V QYLEENHVI	42	4
>ALK-F1245V QYLEENHF	291	>ALK-F1245V QYLEENHV	4369	4078
>ALK-F1245V QYLEENHFI	144	>ALK-F1245V QYLEENHVI	219	75
>ALK-F1245V QYLEENHF	5	>ALK-F1245V QYLEENHV	161	156
>ALK-F1245V QYLEENHFI	6	>ALK-F1245V QYLEENHVI	8	2
>ALK-F1245V QYLEENHFH	482	>ALK-F1245V QYLEENHVIH	796	314
>ALK-F1245V QYLEENHFH	113	>ALK-F1245V QYLEENHVIH	275	162
>ALK-F1245V QYLEENHFH	46	>ALK-F1245V QYLEENHVIH	124	78
>ALK-F1245V QYLEENHFH	11	>ALK-F1245V QYLEENHVIH	14	3
>ALK-F1245V QYLEENHFI	260	>ALK-F1245V QYLEENHVI	1493	1233
>ALK-F1245V CQYLEENHFI	171	>ALK-F1245V CQYLEENHVI	927	756
>ALK-F1245V CQYLEENHFI	268	>ALK-F1245V CQYLEENHVI	1050	782
>ALK-F1245V CQYLEENHF	4690	>ALK-F1245V CQYLEENHV	264	4426
>ALK-F1245V CQYLEENHF	427	>ALK-F1245V CQYLEENHV	8817	8390
>ALK-F1245V CQYLEENHF	16	>ALK-F1245V CQYLEENHV	629	613
>ALK-F1245V CQYLEENHFI	667	>ALK-F1245V CQYLEENHVI	301	366

>ALK-F1245V CQYLEENHFII	874	>ALK-F1245V CQYLEENHVI	404	470
>ALK-I1171N ISKFNHQNI	21	>ALK-I1171N NSKFNHQNI	308	287
>ALK-I1171N ISKFNHQNIV	73	>ALK-I1171N NSKFNHQNIV	1364	1291
>ALK-I1171N ISKFNHQNIVI	91	>ALK-I1171N NSKFNHQNIV	1866	1775
>ALK-I1171N ISKFNHQNIVI	21	>ALK-I1171N NSKFNHQNIV	97	76
>ALK-I1171N ISKFNHQNIVI	511	>ALK-I1171N NSKFNHQNIV	304	207
>ALK-I1171N ISKFNHQNIVI	139	>ALK-I1171N NSKFNHQNIV	63	76
>ALK-I1171N ISKFNHQNI	311	>ALK-I1171N NSKFNHQNI	4626	4315
>ALK-I1171N ISKFNHQNI	42	>ALK-I1171N NSKFNHQNI	3854	3812
>ALK-I1171N IISKFNHQNIV	35	>ALK-I1171N INSKFNHQNI	3683	3648
>ALK-I1171N IISKFNHQNI	359	>ALK-I1171N INSKFNHQNI	11705	11346
>ALK-I1171N IISKFNHQNIV	68	>ALK-I1171N INSKFNHQNI	14802	14734
>ALK-I1171N IISKFNHQNIV	452	>ALK-I1171N INSKFNHQNI	17910	17458
>ALK-I1171N IISKFNHQNIV	29	>ALK-I1171N INSKFNHQNI	18116	18087
>ALK-I1171N ELDFLMEALII	394	>ALK-I1171N ELDFLMEALII	19309	18915
>ALK-I1171N LIISKFNHQNI	367	>ALK-I1171N LINSKFNHQNI	1859	1492
>ALK-I1171N LIISKFNHQNI	355	>ALK-I1171N LINSKFNHQNI	408	53
>ALK-I1171N LIISKFNHQNI	108	>ALK-I1171N LINSKFNHQNI	105	3
>ALK-I1171N LIISKFNHQNI	496	>ALK-I1171N LINSKFNHQNI	1055	559
>ALK-I1171N ALIISKFNHQ	407	>ALK-I1171N ALINSKFNHQ	224	183
>ALK-I1171N EALIISKF	42	>ALK-I1171N EALINSKF	27	15
>ALK-I1171N EALIISKF	346	>ALK-I1171N EALINSKF	313	33
>ALK-I1171N MEALIISKF	92	>ALK-I1171N MEALINSKF	245	153
>ALK-I1171N MEALIISKFN	251	>ALK-I1171N MEALINSKFN	471	220
>ALK-I1171N MEALIISK	330	>ALK-I1171N MEALINSK	308	22
>ALK-I1171N MEALIISKF	252	>ALK-I1171N MEALINSKF	225	27
>ALK-I1171N MEALIISKF	21	>ALK-I1171N MEALINSKF	33	12
>ALK-I1171N MEALIISKF	549	>ALK-I1171N MEALINSKF	311	238
>ALK-I1171N MEALIISKF	402	>ALK-I1171N MEALINSKF	560	158
>ALK-I1171N MEALIISKF	69	>ALK-I1171N MEALINSKF	92	23
>ALK-I1171N MEALIISK	414	>ALK-I1171N MEALINSK	898	484
>ALK-I1171N MEALIISKF	360	>ALK-I1171N MEALINSKF	180	180
>ALK-I1171N MEALIISKF	12	>ALK-I1171N MEALINSKF	47	35
>ALK-I1171N LMEALIISK	109	>ALK-I1171N LMEALINSK	396	287
>ALK-I1171N LMEALIISK	58	>ALK-I1171N LMEALINSK	299	241
>ALK-I1171N LMEALIISKF	327	>ALK-I1171N LMEALINSKF	351	24
>ALK-I1171N LMEALIISKF	949	>ALK-I1171N LMEALINSKF	431	518
>ALK-I1171N LMEALIISKF	151	>ALK-I1171N LMEALINSKF	143	8
>ALK-I1171N LMEALIISKF	415	>ALK-I1171N LMEALINSKF	386	29
>ALK-I1171N FLMEALII	7	>ALK-I1171N FLMEALIN	1262	1255
>ALK-I1171N FLMEALIIS	21	>ALK-I1171N FLMEALINS	15	6
>ALK-I1171N FLMEALIISK	42	>ALK-I1171N FLMEALINSK	141	99
>ALK-I1171N FLMEALIISKF	50	>ALK-I1171N FLMEALINSKI	83	33

>ALK-I1171N FLMEALII	3	>ALK-I1171N FLMEALIN	142	139
>ALK-I1171N FLMEALIIS	7	>ALK-I1171N FLMEALINS	4	3
>ALK-I1171N FLMEALIISK	60	>ALK-I1171N FLMEALINSK	89	29
>ALK-I1171N FLMEALIISKF	8	>ALK-I1171N FLMEALINSKI	8	0
>ALK-I1171N FLMEALII	3	>ALK-I1171N FLMEALIN	673	670
>ALK-I1171N FLMEALIIS	14	>ALK-I1171N FLMEALINS	9	5
>ALK-I1171N FLMEALIISK	226	>ALK-I1171N FLMEALINSK	228	2
>ALK-I1171N FLMEALIISKF	16	>ALK-I1171N FLMEALINSKI	30	14
>ALK-I1171N FLMEALII	5	>ALK-I1171N FLMEALIN	533	528
>ALK-I1171N FLMEALIIS	13	>ALK-I1171N FLMEALINS	10	3
>ALK-I1171N FLMEALIISK	186	>ALK-I1171N FLMEALINSK	362	176
>ALK-I1171N FLMEALIISKF	22	>ALK-I1171N FLMEALINSKI	26	4
>ALK-I1171N FLMEALII	4	>ALK-I1171N FLMEALIN	588	584
>ALK-I1171N FLMEALIIS	43	>ALK-I1171N FLMEALINS	14	29
>ALK-I1171N FLMEALIISK	46	>ALK-I1171N FLMEALINSK	85	39
>ALK-I1171N FLMEALIISKF	18	>ALK-I1171N FLMEALINSKI	44	26
>ALK-I1171N FLMEALII	3	>ALK-I1171N FLMEALIN	1504	1501
>ALK-I1171N FLMEALIIS	32	>ALK-I1171N FLMEALINS	27	5
>ALK-I1171N FLMEALIISK	277	>ALK-I1171N FLMEALINSK	309	32
>ALK-I1171N FLMEALIISKF	90	>ALK-I1171N FLMEALINSKI	143	53
>ALK-I1171N FLMEALII	9	>ALK-I1171N FLMEALIN	4301	4292
>ALK-I1171N FLMEALIIS	269	>ALK-I1171N FLMEALINS	107	162
>ALK-I1171N FLMEALII	3	>ALK-I1171N FLMEALIN	6690	6687
>ALK-I1171N FLMEALIIS	208	>ALK-I1171N FLMEALINS	58	150
>ALK-I1171N FLMEALIISKF	81	>ALK-I1171N FLMEALINSKI	128	47
>ALK-I1171N FLMEALII	3	>ALK-I1171N FLMEALIN	689	686
>ALK-I1171N FLMEALIIS	25	>ALK-I1171N FLMEALINS	14	11
>ALK-I1171N FLMEALIISK	12	>ALK-I1171N FLMEALINSK	18	6
>ALK-I1171N FLMEALIISKF	31	>ALK-I1171N FLMEALINSKI	71	40
>ALK-I1171N FLMEALIISK	29	>ALK-I1171N FLMEALINSK	71	42
>ALK-I1171N FLMEALIISK	26	>ALK-I1171N FLMEALINSK	58	32
>ALK-I1171N FLMEALIISKF	129	>ALK-I1171N FLMEALINSKI	238	109
>ALK-I1171N FLMEALIISKF	228	>ALK-I1171N FLMEALINSKI	531	303
>ALK-I1171N FLMEALIISKF	494	>ALK-I1171N FLMEALINSKI	1061	567
>ALK-I1171N FLMEALIISK	149	>ALK-I1171N FLMEALINSK	348	199
>ALK-I1171N FLMEALII	89	>ALK-I1171N FLMEALIN	14896	14807
>ALK-I1171N FLMEALIISKF	110	>ALK-I1171N FLMEALINSKI	120	10
>ALK-I1171N FLMEALIISKF	40	>ALK-I1171N FLMEALINSKI	29	11
>ALK-I1171N FLMEALIISKF	19	>ALK-I1171N FLMEALINSKI	18	1
>ALK-I1171N FLMEALIISKF	233	>ALK-I1171N FLMEALINSKI	245	12
>ALK-I1171N FLMEALIISKF	327	>ALK-I1171N FLMEALINSKI	280	47
>ALK-I1171N FLMEALIISKF	389	>ALK-I1171N FLMEALINSKI	349	40
>ALK-I1171N DFLMEALIISK	239	>ALK-I1171N DFLMEALINS	301	62



>ALK-I1171N LDFLMEALII	54	>ALK-I1171N LDFLMEALIN	28014	27960
>ALK-I1171N LDFLMEALII	374	>ALK-I1171N LDFLMEALIN	36199	35825
>ALK-I1171N LDFLMEALII	30	>ALK-I1171N LDFLMEALIN	12055	12025
>ALK-K1062M KHQELQAM	1168	>ALK-K1062M MHQELQAM	63	1105
>ALK-K1062M KHQELQAMC	1911	>ALK-K1062M MHQELQAM	99	1812
>ALK-K1062M RKHQELQA	18113	>ALK-K1062M RMHQELQA	132	17981
>ALK-K1062M RKHQELQAM	20258	>ALK-K1062M RMHQELQAM	213	20045
>ALK-K1062M RKHQELQA	21958	>ALK-K1062M RMHQELQA	42	21916
>ALK-K1062M RKHQELQAM	20743	>ALK-K1062M RMHQELQAM	34	20709
>ALK-K1062M RKHQELQAM	23784	>ALK-K1062M RMHQELQAM	97	23687
>ALK-K1062M RKHQELQAM	23939	>ALK-K1062M RMHQELQAM	393	23546
>ALK-K1062M RKHQELQA	24169	>ALK-K1062M RMHQELQA	497	23672
>ALK-K1062M RKHQELQA	30080	>ALK-K1062M RMHQELQA	38	30042
>ALK-K1062M RKHQELQAM	32818	>ALK-K1062M RMHQELQAM	250	32568
>ALK-K1062M RKHQELQAM	33019	>ALK-K1062M RMHQELQAM	171	32848
>ALK-K1062M RKHQELQA	5402	>ALK-K1062M RMHQELQA	263	5139
>ALK-K1062M RKHQELQAM	4940	>ALK-K1062M RMHQELQAM	285	4655
>ALK-K1062M RKHQELQAM	7110	>ALK-K1062M RMHQELQAM	36	7074
>ALK-K1062M RKHQELQAM	12211	>ALK-K1062M RMHQELQAM	79	12132
>ALK-K1062M RKHQELQAM	6	>ALK-K1062M RMHQELQAM	12	6
>ALK-K1062M RKHQELQAM	14	>ALK-K1062M RMHQELQAM	32	18
>ALK-K1062M RKHQELQAM	14640	>ALK-K1062M RMHQELQAM	207	14433
>ALK-K1062M RKHQELQAM	6691	>ALK-K1062M RMHQELQAM	69	6622
>ALK-K1062M FSGIMIVYRRI	24145	>ALK-K1062M FSGIMIVYRRI	365	23780
>ALK-K1062M FSGIMIVYRRI	21037	>ALK-K1062M FSGIMIVYRRI	134	20903
>ALK-K1062M RRKHQELQAI	21	>ALK-K1062M RRMHQELQA	10	11
>ALK-K1062M RRKHQELQ	1242	>ALK-K1062M RRMHQELQ	109	1133
>ALK-K1062M RRKHQELQA	485	>ALK-K1062M RRMHQELQA	57	428
>ALK-K1062M RRKHQELQAI	24	>ALK-K1062M RRMHQELQA	15	9
>ALK-K1062M RRKHQELQAI	762	>ALK-K1062M RRMHQELQA	76	686
>ALK-K1062M RRKHQELQAI	14417	>ALK-K1062M RRMHQELQA	360	14057
>ALK-K1062M RRKHQELQ	532	>ALK-K1062M RRMHQELQ	153	379
>ALK-K1062M RRKHQELQA	261	>ALK-K1062M RRMHQELQA	157	104
>ALK-K1062M RRKHQELQAI	75	>ALK-K1062M RRMHQELQA	51	24
>ALK-K1062M RRKHQELQAI	379	>ALK-K1062M RRMHQELQA	215	164
>ALK-K1062M RRKHQELQAI	52	>ALK-K1062M RRMHQELQA	37	15
>ALK-K1062M YRRKHQEL	96	>ALK-K1062M YRRMHQEL	97	1
>ALK-K1062M YRRKHQELQ/	169	>ALK-K1062M YRRMHQELQ	122	47
>ALK-K1062M YRRKHQEL	60	>ALK-K1062M YRRMHQEL	45	15
>ALK-K1062M YRRKHQELQ/	22	>ALK-K1062M YRRMHQELQ	20	2
>ALK-K1062M YRRKHQEL	452	>ALK-K1062M YRRMHQEL	487	35
>ALK-K1062M YRRKHQELQ/	705	>ALK-K1062M YRRMHQELQ	436	269
>ALK-K1062M YRRKHQELQ/	153	>ALK-K1062M YRRMHQELQ	176	23

>ALK-K1062M VYRRKHQEL	381	>ALK-K1062M VYRRMHQEL	459	78
>ALK-K1062M VYRRKHQEL	6369	>ALK-K1062M VYRRMHQEL	231	6138
>ALK-K1062M VYRRKHQEL	258	>ALK-K1062M VYRRMHQEL	71	187
>ALK-K1062M VYRRKHQEL	290	>ALK-K1062M VYRRMHQEL	153	137
>ALK-K1062M VYRRKHQEL	24	>ALK-K1062M VYRRMHQEL	19	5
>ALK-K1062M VYRRKHQEL	28	>ALK-K1062M VYRRMHQEL	25	3
>ALK-K1062M VYRRKHQELC	525	>ALK-K1062M VYRRMHQEL	492	33
>ALK-K1062M VYRRKHQELC	29	>ALK-K1062M VYRRMHQEL	27	2
>ALK-K1062M VYRRKHQEL	301	>ALK-K1062M VYRRMHQEL	3014	2713
>ALK-K1062M VYRRKHQEL	491	>ALK-K1062M VYRRMHQEL	352	139
>ALK-K1062M IVYRRKHQEL	277	>ALK-K1062M IVYRRMHQEI	197	80
>ALK-K1062M IVYRRKHQEL	46	>ALK-K1062M IVYRRMHQEI	28	18
>ALK-K1062M IVYRRKHQEL	320	>ALK-K1062M IVYRRMHQEI	82	238
>ALK-K1062M MIVYRRKHQI	208	>ALK-K1062M MIVYRRMHC	191	17
>ALK-K1062M MIVYRRKHQI	395	>ALK-K1062M MIVYRRMHC	182	213
>ALK-K1062M MIVYRRKHQI	433	>ALK-K1062M MIVYRRMHC	159	274
>ALK-K1062M MIVYRRKHQI	267	>ALK-K1062M MIVYRRMHC	72	195
>ALK-K1062M MIVYRRKHQI	33	>ALK-K1062M MIVYRRMHC	71	38
>ALK-K1062M IMIVYRRK	755	>ALK-K1062M IMIVYRRM	7	748
>ALK-K1062M IMIVYRRK	106	>ALK-K1062M IMIVYRRM	19446	19340
>ALK-K1062M IMIVYRRK	101	>ALK-K1062M IMIVYRRM	21801	21700
>ALK-K1062M IMIVYRRK	217	>ALK-K1062M IMIVYRRM	9861	9644
>ALK-K1062M IMIVYRRK	15894	>ALK-K1062M IMIVYRRM	269	15625
>ALK-K1062M IMIVYRRK	2026	>ALK-K1062M IMIVYRRM	83	1943
>ALK-K1062M GIMIVYRRK	128	>ALK-K1062M GIMIVYRRM	19152	19024
>ALK-K1062M GIMIVYRRK	29	>ALK-K1062M GIMIVYRRM	19090	19061
>ALK-L560F-1 LRGNVSLVL	627	>ALK-L560F-1 FRGNVSLVL	348	279
>ALK-L560F-1 LRGNVSLVL	574	>ALK-L560F-1 FRGNVSLVL	212	362
>ALK-L560F-1 LRGNVSLVL	636	>ALK-L560F-1 FRGNVSLVL	35	601
>ALK-L560F-1 LRGNVSLVL	646	>ALK-L560F-1 FRGNVSLVL	221	425
>ALK-L560F-1 LRGNVSLVL	194	>ALK-L560F-1 FRGNVSLVL	290	96
>ALK-L560F-1 VLRGNVSLVL	410	>ALK-L560F-1 VFRGNVSLVL	19145	18735
>ALK-L560F-1 VLRGNVSL	180	>ALK-L560F-1 VFRGNVSL	8848	8668
>ALK-L560F-1 VLRGNVSLV	64	>ALK-L560F-1 VFRGNVSLV	4057	3993
>ALK-L560F-1 VLRGNVSLVL	327	>ALK-L560F-1 VFRGNVSLVL	16194	15867
>ALK-L560F-1 VLRGNVSLVL	65	>ALK-L560F-1 VFRGNVSLVL	4433	4368
>ALK-L560F-1 VLRGNVSL	78	>ALK-L560F-1 VFRGNVSL	15175	15097
>ALK-L560F-1 VLRGNVSLV	4	>ALK-L560F-1 VFRGNVSLV	2575	2571
>ALK-L560F-1 VLRGNVSLVL	325	>ALK-L560F-1 VFRGNVSLVL	19478	19153
>ALK-L560F-1 VLRGNVSLVL	8	>ALK-L560F-1 VFRGNVSLVL	3894	3886
>ALK-L560F-1 VLRGNVSLVL	488	>ALK-L560F-1 VFRGNVSLVL	9222	8734
>ALK-L560F-1 VLRGNVSL	34	>ALK-L560F-1 VFRGNVSL	13855	13821
>ALK-L560F-1 VLRGNVSLV	3	>ALK-L560F-1 VFRGNVSLV	2390	2387

>ALK-L560F-\ VLRGNVSLVL	35	>ALK-L560F-\ VFRGNVSLVL	13209	13174
>ALK-L560F-\ VLRGNVSLVL	6	>ALK-L560F-\ VFRGNVSLVL	3431	3425
>ALK-L560F-\ VLRGNVSL	233	>ALK-L560F-\ VFRGNVSL	22257	22024
>ALK-L560F-\ VLRGNVSLV	20	>ALK-L560F-\ VFRGNVSLV	16651	16631
>ALK-L560F-\ VLRGNVSLVL	336	>ALK-L560F-\ VFRGNVSLVL	22451	22115
>ALK-L560F-\ VLRGNVSLVL	24	>ALK-L560F-\ VFRGNVSLVL	16719	16695
>ALK-L560F-\ VLRGNVSLV	18	>ALK-L560F-\ VFRGNVSLV	11275	11257
>ALK-L560F-\ VLRGNVSLVL	412	>ALK-L560F-\ VFRGNVSLVL	20853	20441
>ALK-L560F-\ VLRGNVSLVL	18	>ALK-L560F-\ VFRGNVSLVL	10893	10875
>ALK-L560F-\ VLRGNVSLV	14	>ALK-L560F-\ VFRGNVSLV	14938	14924
>ALK-L560F-\ VLRGNVSLVL	32	>ALK-L560F-\ VFRGNVSLVL	16246	16214
>ALK-L560F-\ VLRGNVSL	3	>ALK-L560F-\ VFRGNVSL	5221	5218
>ALK-L560F-\ VLRGNVSLV	2	>ALK-L560F-\ VFRGNVSLV	149	147
>ALK-L560F-\ VLRGNVSLVL	5	>ALK-L560F-\ VFRGNVSLVL	9273	9268
>ALK-L560F-\ VLRGNVSLVL	2	>ALK-L560F-\ VFRGNVSLVL	212	210
>ALK-L560F-\ VLRGNVSLV	953	>ALK-L560F-\ VFRGNVSLV	493	460
>ALK-L560F-\ VLRGNVSLVL	638	>ALK-L560F-\ VFRGNVSLVL	312	326
>ALK-L560F-\ VLRGNVSL	299	>ALK-L560F-\ VFRGNVSL	1997	1698
>ALK-L560F-\ VLRGNVSLVL	236	>ALK-L560F-\ VFRGNVSLVL	4883	4647
>ALK-L560F-\ LRMSWLIRG\	428	>ALK-L560F-\ LRMSWLIRG\	38	390
>ALK-L560F-\ LRMSWLIRG\	25	>ALK-L560F-\ LRMSWLIRG\	30	5
>ALK-L560F-\ LRMSWLIRG\	47	>ALK-L560F-\ LRMSWLIRG\	992	945
>ALK-L560F-\ LRMSWLIRG\	1850	>ALK-L560F-\ LRMSWLIRG\	348	1502
>ALK-L560F-\ LRMSWLIRG\	140	>ALK-L560F-\ LRMSWLIRG\	502	362
>ALK-L560F-\ LRMSWLIRG\	32	>ALK-L560F-\ LRMSWLIRG\	98	66
>ALK-L560F-\ GVLRGNVSL	4483	>ALK-L560F-\ GVFRGNVSL	441	4042
>ALK-L560F-\ GVLRGNVSL\	398	>ALK-L560F-\ GVFRGNVSL\	152	246
>ALK-L560F-\ GVLRGNVSL\	114	>ALK-L560F-\ GVFRGNVSL\	48	66
>ALK-L560F-\ GVLRGNVSL	243	>ALK-L560F-\ GVFRGNVSL	227	16
>ALK-L560F-\ GVLRGNVSL\	40	>ALK-L560F-\ GVFRGNVSL\	24	16
>ALK-L560F-\ GVLRGNVSL\	73	>ALK-L560F-\ GVFRGNVSL\	135	62
>ALK-L560F-\ GVLRGNVSL\	30	>ALK-L560F-\ GVFRGNVSL\	29	1
>ALK-L560F-\ GVLRGNVSL\	304	>ALK-L560F-\ GVFRGNVSL\	1931	1627
>ALK-L560F-\ GVLRGNVSL	267	>ALK-L560F-\ GVFRGNVSL	107	160
>ALK-L560F-\ GVLRGNVSL\	12	>ALK-L560F-\ GVFRGNVSL\	9	3
>ALK-L560F-\ GVLRGNVSL	211	>ALK-L560F-\ GVFRGNVSL	54	157
>ALK-L560F-\ GVLRGNVSL\	593	>ALK-L560F-\ GVFRGNVSL\	118	475
>ALK-L560F-\ GVLRGNVSL\	3290	>ALK-L560F-\ GVFRGNVSL\	348	2942
>ALK-L560F-\ GVLRGNVSL\	4233	>ALK-L560F-\ GVFRGNVSL\	494	3739
>ALK-L560F-\ GVLRGNVSL	1281	>ALK-L560F-\ GVFRGNVSL	284	997
>ALK-L560F-\ GVLRGNVSL\	383	>ALK-L560F-\ GVFRGNVSL\	87	296
>ALK-L560F-\ IRGVLRGNVS	738	>ALK-L560F-\ IRGVFRGNVS	422	316
>ALK-L560F-\ IRGVLRGNVS	94	>ALK-L560F-\ IRGVFRGNVS	96	2

>ALK-L560F-\ LIRGVLRGNV	213	>ALK-L560F-\ LIRGVFRGNV	216	3
>ALK-L560F-\ LIRGVLRGNV	36	>ALK-L560F-\ LIRGVFRGNV	33	3
>ALK-L560F-\ LIRGVLRGNV	233	>ALK-L560F-\ LIRGVFRGNV	150	83
>ALK-L560F-\ WLIRGVLRGN	295	>ALK-L560F-\ WLIRGVFRGN	188	107
>ALK-L560F-\ WLIRGVLRGN	103	>ALK-L560F-\ WLIRGVFRGN	51	52
>ALK-L560F-\ WLIRGVLRGN	9	>ALK-L560F-\ WLIRGVFRGN	7	2
>ALK-L560F-\ WLIRGVLRGN	84	>ALK-L560F-\ WLIRGVFRGN	51	33
>ALK-L560F-\ WLIRGVLRG	1778	>ALK-L560F-\ WLIRGVFRG	337	1441
>ALK-L560F-\ WLIRGVLRGN	16	>ALK-L560F-\ WLIRGVFRGN	10	6
>ALK-L560F-\ WLIRGVLRGN	58	>ALK-L560F-\ WLIRGVFRGN	40	18
>ALK-L560F-\ WLIRGVLRGN	36	>ALK-L560F-\ WLIRGVFRGN	35	1
>ALK-L560F-\ WLIRGVLRGN	134	>ALK-L560F-\ WLIRGVFRGN	87	47
>ALK-L560F-\ WLIRGVLRG	787	>ALK-L560F-\ WLIRGVFRG	272	515
>ALK-L560F-\ WLIRGVLRGN	3	>ALK-L560F-\ WLIRGVFRGN	3	0
>ALK-L560F-\ WLIRGVLR	1068	>ALK-L560F-\ WLIRGVFR	213	855
>ALK-L560F-\ WLIRGVLR	1524	>ALK-L560F-\ WLIRGVFR	432	1092
>ALK-L560F-\ WLIRGVLR	173	>ALK-L560F-\ WLIRGVFR	60	113
>ALK-L560F-\ WLIRGVLRGN	353	>ALK-L560F-\ WLIRGVFRGN	135	218
>ALK-L560F-\ WLIRGVLRGN	488	>ALK-L560F-\ WLIRGVFRGN	208	280
>ALK-L560F-\ WLIRGVLR	461	>ALK-L560F-\ WLIRGVFR	282	179
>ALK-L560F-\ SWLIRGVL	3665	>ALK-L560F-\ SWLIRGVF	480	3185
>ALK-L560F-\ SWLIRGVL	133	>ALK-L560F-\ SWLIRGVF	13	120
>ALK-L560F-\ SWLIRGVLR	49	>ALK-L560F-\ SWLIRGVFR	22	27
>ALK-L560F-\ SWLIRGVLR	16	>ALK-L560F-\ SWLIRGVFR	15	1
>ALK-L560F-\ SWLIRGVL	58	>ALK-L560F-\ SWLIRGVF	109	51
>ALK-L560F-\ SWLIRGVLR	359	>ALK-L560F-\ SWLIRGVFR	74	285
>ALK-L560F-\ SWLIRGVLRG	417	>ALK-L560F-\ SWLIRGVFRG	285	132
>ALK-L560F-\ MSWLIRGVLI	471	>ALK-L560F-\ MSWLIRGVFI	209	262
>ALK-L560F-\ MSWLIRGVLI	8	>ALK-L560F-\ MSWLIRGVFI	5	3
>ALK-L560F-\ MSWLIRGVLI	100	>ALK-L560F-\ MSWLIRGVFI	29	71
>ALK-L560F-\ MSWLIRGVLI	16	>ALK-L560F-\ MSWLIRGVFI	10	6
>ALK-L560F-\ MSWLIRGVL	87	>ALK-L560F-\ MSWLIRGVF	11673	11586
>ALK-L560F-\ MSWLIRGVL	2236	>ALK-L560F-\ MSWLIRGVF	131	2105
>ALK-L560F-\ MSWLIRGVL	126	>ALK-L560F-\ MSWLIRGVF	11	115
>ALK-L560F-\ MSWLIRGVL	1330	>ALK-L560F-\ MSWLIRGVF	83	1247
>ALK-L560F-\ MSWLIRGVL	4372	>ALK-L560F-\ MSWLIRGVF	424	3948
>ALK-L560F-\ MSWLIRGVL	4693	>ALK-L560F-\ MSWLIRGVF	163	4530
>ALK-L560F-\ MSWLIRGVL	139	>ALK-L560F-\ MSWLIRGVF	31	108
>ALK-L560F-\ MSWLIRGVL	1976	>ALK-L560F-\ MSWLIRGVF	270	1706
>ALK-L560F-\ MSWLIRGVLI	84	>ALK-L560F-\ MSWLIRGVFI	53	31
>ALK-L560F-\ MSWLIRGVL	108	>ALK-L560F-\ MSWLIRGVF	1742	1634
>ALK-L560F-\ RMSWLIRGV	122	>ALK-L560F-\ RMSWLIRGV	10234	10112
>ALK-L560F-\ RMSWLIRGV	185	>ALK-L560F-\ RMSWLIRGV	8760	8575

>ALK-L560F-\ RMSWLIRGV	47	>ALK-L560F-r RMSWLIRGV	1716	1669
>ALK-L560F-\ RMSWLIRGV	330	>ALK-L560F-r RMSWLIRGV	18724	18394
>ALK-L560F-\ RMSWLIRGV	43	>ALK-L560F-r RMSWLIRGV	14150	14107
>ALK-L560F-\ RMSWLIRGV	74	>ALK-L560F-r RMSWLIRGV	59	15
>ALK-L560F-\ RMSWLIRGV	137	>ALK-L560F-r RMSWLIRGV	69	68
>ALK-L560F-\ RMSWLIRGV	2895	>ALK-L560F-r RMSWLIRGV	210	2685
>ALK-L560F-\ RMSWLIRGV	7	>ALK-L560F-r RMSWLIRGV	6	1
>ALK-L560F-\ RMSWLIRGV	200	>ALK-L560F-r RMSWLIRGV	56	144
>ALK-L560F-\ RMSWLIRGV	828	>ALK-L560F-r RMSWLIRGV	284	544
>ALK-L560F-\ RMSWLIRGV	346	>ALK-L560F-r RMSWLIRGV	162	184
>ALK-L560F-\ RMSWLIRGV	433	>ALK-L560F-r RMSWLIRGV	49	384
>ALK-L560F-\ RMSWLIRGV	1355	>ALK-L560F-r RMSWLIRGV	58	1297
>ALK-L560F-\ RMSWLIRGV	2894	>ALK-L560F-r RMSWLIRGV	402	2492
>ALK-L560F-\ RMSWLIRGV	198	>ALK-L560F-r RMSWLIRGV	3043	2845
>ALK-L560F-\ RMSWLIRGV	3257	>ALK-L560F-r RMSWLIRGV	162	3095
>ALK-L560F-\ RMSWLIRGV	255	>ALK-L560F-r RMSWLIRGV	43	212
>ALK-L560F-\ RMSWLIRGV	26	>ALK-L560F-r RMSWLIRGV	23	3
>ALK-M1166 MEALIISKF	92	>ALK-M1166 REALIISKF	907	815
>ALK-M1166 MEALIISKFN	251	>ALK-M1166 REALIISKFN	921	670
>ALK-M1166 MEALIISK	330	>ALK-M1166 REALIISK	10022	9692
>ALK-M1166 MEALIISKF	252	>ALK-M1166 REALIISKF	200	52
>ALK-M1166 MEALIISKF	21	>ALK-M1166 REALIISKF	183	162
>ALK-M1166 MEALIISKF	549	>ALK-M1166 REALIISKF	142	407
>ALK-M1166 MEALIISKF	866	>ALK-M1166 REALIISKF	242	624
>ALK-M1166 MEALIISKF	402	>ALK-M1166 REALIISKF	1012	610
>ALK-M1166 MEALIISKF	69	>ALK-M1166 REALIISKF	191	122
>ALK-M1166 MEALIISK	414	>ALK-M1166 REALIISK	1195	781
>ALK-M1166 MEALIISKF	360	>ALK-M1166 REALIISKF	235	125
>ALK-M1166 MEALIISKF	12	>ALK-M1166 REALIISKF	8	4
>ALK-M1166 LMEALIISK	109	>ALK-M1166 LREALIISK	19517	19408
>ALK-M1166 LMEALIISK	58	>ALK-M1166 LREALIISK	14667	14609
>ALK-M1166 LMEALIISKF	327	>ALK-M1166 LREALIISKF	18187	17860
>ALK-M1166 LMEALIISKF	151	>ALK-M1166 LREALIISKF	310	159
>ALK-M1166 LMEALIISK	12721	>ALK-M1166 LREALIISK	228	12493
>ALK-M1166 LMEALIISKF	22572	>ALK-M1166 LREALIISKF	105	22467
>ALK-M1166 LMEALIISKF	415	>ALK-M1166 LREALIISKF	2846	2431
>ALK-M1166 LMEALIISK	23860	>ALK-M1166 LREALIISK	214	23646
>ALK-M1166 CSEQDELDFL	27483	>ALK-M1166 CSEQDELDFL	176	27307
>ALK-M1166 FLMEALII	7	>ALK-M1166 FLREALII	127	120
>ALK-M1166 FLMEALIIS	21	>ALK-M1166 FLREALIIS	2883	2862
>ALK-M1166 FLMEALIISK	42	>ALK-M1166 FLREALIISK	1401	1359
>ALK-M1166 FLMEALIISKF	50	>ALK-M1166 FLREALIISKF	6930	6880
>ALK-M1166 FLMEALII	3	>ALK-M1166 FLREALII	48	45

>ALK-M1166 FLMEALIIS	7	>ALK-M1166 FLREALIIS	410	403
>ALK-M1166 FLMEALIISK	60	>ALK-M1166 FLREALIISK	1608	1548
>ALK-M1166 FLMEALIISKF	8	>ALK-M1166 FLREALIISKF	217	209
>ALK-M1166 FLMEALII	3	>ALK-M1166 FLREALII	6	3
>ALK-M1166 FLMEALIIS	14	>ALK-M1166 FLREALIIS	90	76
>ALK-M1166 FLMEALIISK	226	>ALK-M1166 FLREALIISK	1994	1768
>ALK-M1166 FLMEALIISKF	16	>ALK-M1166 FLREALIISKF	102	86
>ALK-M1166 FLMEALII	5	>ALK-M1166 FLREALII	73	68
>ALK-M1166 FLMEALIIS	13	>ALK-M1166 FLREALIIS	752	739
>ALK-M1166 FLMEALIISK	186	>ALK-M1166 FLREALIISK	4812	4626
>ALK-M1166 FLMEALIISKF	22	>ALK-M1166 FLREALIISKF	632	610
>ALK-M1166 FLMEALII	4	>ALK-M1166 FLREALII	25	21
>ALK-M1166 FLMEALIIS	43	>ALK-M1166 FLREALIIS	1331	1288
>ALK-M1166 FLMEALIISK	46	>ALK-M1166 FLREALIISK	978	932
>ALK-M1166 FLMEALIISKF	18	>ALK-M1166 FLREALIISKF	477	459
>ALK-M1166 FLMEALII	3	>ALK-M1166 FLREALII	25	22
>ALK-M1166 FLMEALIIS	32	>ALK-M1166 FLREALIIS	3851	3819
>ALK-M1166 FLMEALIISK	277	>ALK-M1166 FLREALIISK	9802	9525
>ALK-M1166 FLMEALIISKF	90	>ALK-M1166 FLREALIISKF	4946	4856
>ALK-M1166 FLMEALII	9	>ALK-M1166 FLREALII	61	52
>ALK-M1166 FLMEALIIS	269	>ALK-M1166 FLREALIIS	4956	4687
>ALK-M1166 FLMEALII	3	>ALK-M1166 FLREALII	595	592
>ALK-M1166 FLMEALIIS	208	>ALK-M1166 FLREALIIS	18346	18138
>ALK-M1166 FLMEALIISKF	81	>ALK-M1166 FLREALIISKF	10916	10835
>ALK-M1166 FLMEALII	3	>ALK-M1166 FLREALII	6	3
>ALK-M1166 FLMEALIIS	25	>ALK-M1166 FLREALIIS	152	127
>ALK-M1166 FLMEALIISK	12	>ALK-M1166 FLREALIISK	53	41
>ALK-M1166 FLMEALIISKF	31	>ALK-M1166 FLREALIISKF	165	134
>ALK-M1166 FLMEALIISK	29	>ALK-M1166 FLREALIISK	139	110
>ALK-M1166 FLMEALIISK	26	>ALK-M1166 FLREALIISK	419	393
>ALK-M1166 FLMEALIISKF	129	>ALK-M1166 FLREALIISKF	2967	2838
>ALK-M1166 FLMEALIISKF	228	>ALK-M1166 FLREALIISKF	1905	1677
>ALK-M1166 FLMEALIISKF	494	>ALK-M1166 FLREALIISKF	2620	2126
>ALK-M1166 FLMEALIISK	3090	>ALK-M1166 FLREALIISK	35	3055
>ALK-M1166 FLMEALIISK	149	>ALK-M1166 FLREALIISK	1908	1759
>ALK-M1166 FLMEALII	89	>ALK-M1166 FLREALII	4386	4297
>ALK-M1166 FLMEALIISKF	110	>ALK-M1166 FLREALIISKF	118	8
>ALK-M1166 FLMEALIISKF	40	>ALK-M1166 FLREALIISKF	59	19
>ALK-M1166 FLMEALIISKF	19	>ALK-M1166 FLREALIISKF	21	2
>ALK-M1166 FLMEALIISKF	233	>ALK-M1166 FLREALIISKF	130	103
>ALK-M1166 FLMEALIISKF	327	>ALK-M1166 FLREALIISKF	2421	2094
>ALK-M1166 FLMEALIISKF	389	>ALK-M1166 FLREALIISKF	232	157
>ALK-M1166 DFLMEALIISK	239	>ALK-M1166 DFLREALIISK	458	219

>ALK-M1166 LDFLMEALI	33	>ALK-M1166 LDFLREALI	38	5
>ALK-M1166 LDFLMEALII	54	>ALK-M1166 LDFLREALII	60	6
>ALK-M1166 LDFLMEAL	99	>ALK-M1166 LDFLREAL	378	279
>ALK-M1166 LDFLMEAL	271	>ALK-M1166 LDFLREAL	1745	1474
>ALK-M1166 LDFLMEALI	37	>ALK-M1166 LDFLREALI	108	71
>ALK-M1166 LDFLMEALII	374	>ALK-M1166 LDFLREALII	2149	1775
>ALK-M1166 LDFLMEALI	37	>ALK-M1166 LDFLREALI	40	3
>ALK-M1166 LDFLMEALII	30	>ALK-M1166 LDFLREALII	33	3
>ALK-M1166 ELDFLMEAL	193	>ALK-M1166 ELDFLREAL	770	577
>ALK-M1166 ELDFLMEALI	443	>ALK-M1166 ELDFLREALI	1159	716
>ALK-M1166 ELDFLMEA	312	>ALK-M1166 ELDFLREA	1279	967
>ALK-M1166 ELDFLMEAL	139	>ALK-M1166 ELDFLREAL	1411	1272
>ALK-M1166 ELDFLMEALI	472	>ALK-M1166 ELDFLREALI	1507	1035
>ALK-M1166 ELDFLMEAL	454	>ALK-M1166 ELDFLREAL	2973	2519
>ALK-M1166 ELDFLMEA	280	>ALK-M1166 ELDFLREA	2941	2661
>ALK-M1166 ELDFLMEAL	78	>ALK-M1166 ELDFLREAL	912	834
>ALK-M1166 ELDFLMEALI	298	>ALK-M1166 ELDFLREALI	1174	876
>ALK-M1166 ELDFLMEALII	394	>ALK-M1166 ELDFLREALII	1141	747
>ALK-M1166 DELDFLMEAL	172	>ALK-M1166 DELDFLREAL	134	38
>ALK-M1166 DELDFLMEAL	7	>ALK-M1166 DELDFLREALI	7	0
>ALK-M1166 DELDFLME	74	>ALK-M1166 DELDFLRE	239	165
>ALK-M1166 DELDFLMEA	12	>ALK-M1166 DELDFLREA	15	3
>ALK-M1166 DELDFLMEAL	57	>ALK-M1166 DELDFLREALI	113	56
>ALK-M1166 DELDFLMEA	152	>ALK-M1166 DELDFLREA	290	138
>ALK-M1166 DELDFLMEAL	25	>ALK-M1166 DELDFLREALI	72	47
>ALK-M1166 QDELDFLM	379	>ALK-M1166 QDELDFLR	7020	6641
>ALK-M1166 EQDELDFLM	294	>ALK-M1166 EQDELDFLR	16464	16170
>ALK-M1166 EQDELDFLMI	85	>ALK-M1166 EQDELDFLRE	333	248
>ALK-M1166 EQDELDFLM	31558	>ALK-M1166 EQDELDFLR	417	31141
>ALK-M1166 EQDELDFLM	30983	>ALK-M1166 EQDELDFLR	140	30843
>ALK-M1166 EQDELDFLM	33436	>ALK-M1166 EQDELDFLR	398	33038
>ALK-M1166 SEQDELDFLV	380	>ALK-M1166 SEQDELDFLR	11934	11554
>ALK-M1166 SEQDELDFLV	223	>ALK-M1166 SEQDELDFLR	1128	905
>ALK-M1166 SEQDELDFLV	81	>ALK-M1166 SEQDELDFLR	3299	3218
>ALK-M1166 SEQDELDFLV	194	>ALK-M1166 SEQDELDFLR	5377	5183
>ALK-M1166 SEQDELDFLV	250	>ALK-M1166 SEQDELDFLR	577	327
>ALK-M1166 SEQDELDFLV	396	>ALK-M1166 SEQDELDFLR	25337	24941
>ALK-P496L-1 PHTPWQV	7966	>ALK-P496L-1 LHTPWQV	334	7632
>ALK-P496L-1 SPHTPWQV	108	>ALK-P496L-1 SLHTPWQV	31586	31478
>ALK-P496L-1 SPHTPWQV	21675	>ALK-P496L-1 SLHTPWQV	21	21654
>ALK-P496L-1 SPHTPWQV	28651	>ALK-P496L-1 SLHTPWQV	45	28606
>ALK-P496L-1 SPHTPWQV	21415	>ALK-P496L-1 SLHTPWQV	28	21387
>ALK-P496L-1 SPHTPWQV	14748	>ALK-P496L-1 SLHTPWQV	228	14520

>ALK-P496L-1 SPHTPQWQV	2606	>ALK-P496L-1 SLHTPQWQV	2	2604
>ALK-P496L-1 SPHTPQWQV	25762	>ALK-P496L-1 SLHTPQWQV	90	25672
>ALK-P496L-1 SPHTPQWQV	17873	>ALK-P496L-1 SLHTPQWQV	8	17865
>ALK-P496L-1 SPHTPQWQV	8543	>ALK-P496L-1 SLHTPQWQV	5	8538
>ALK-P496L-1 SPHTPQWQV	19749	>ALK-P496L-1 SLHTPQWQV	10	19739
>ALK-P496L-1 SPHTPQWQ	35070	>ALK-P496L-1 SLHTPQWQ	76	34994
>ALK-P496L-1 SPHTPQWQV	4284	>ALK-P496L-1 SLHTPQWQV	2	4282
>ALK-P496L-1 SPHTPQWQV	33829	>ALK-P496L-1 SLHTPQWQV	22	33807
>ALK-P496L-1 SPHTPQWQV	1881	>ALK-P496L-1 SLHTPQWQV	173	1708
>ALK-P496L-1 SPHTPQWQV	683	>ALK-P496L-1 SLHTPQWQV	243	440
>ALK-P496L-1 SPHTPQWQV	8976	>ALK-P496L-1 SLHTPQWQV	121	8855
>ALK-P496L-1 SPHTPQWQV	756	>ALK-P496L-1 SLHTPQWQV	251	505
>ALK-P496L-1 LSPHTPQWQ	846	>ALK-P496L-1 LSLHTPQWQ	99	747
>ALK-P496L-1 LSPHTPQWQ	1303	>ALK-P496L-1 LSLHTPQWQ	120	1183
>ALK-P496L-1 LSPHTPQWQ	238	>ALK-P496L-1 LSLHTPQWQ	852	614
>ALK-P496L-1 LSPHTPQWQ	4930	>ALK-P496L-1 LSLHTPQWQ	156	4774
>ALK-P496L-1 LSPHTPQW	27	>ALK-P496L-1 LSLHTPQW	4	23
>ALK-P496L-1 LSPHTPQWQ	5471	>ALK-P496L-1 LSLHTPQWQ	205	5266
>ALK-P496L-1 LSPHTPQW	3739	>ALK-P496L-1 LSLHTPQW	493	3246
>ALK-P496L-1 LSPHTPQW	121	>ALK-P496L-1 LSLHTPQW	39	82
>ALK-P496L-1 LSPHTPQW	35	>ALK-P496L-1 LSLHTPQW	10	25
>ALK-P496L-1 LSPHTPQWQ	30	>ALK-P496L-1 LSLHTPQWQ	10458	10428
>ALK-P496L-1 LSPHTPQW	1282	>ALK-P496L-1 LSLHTPQW	90	1192
>ALK-P496L-1 TSPHTPQWQ	15	>ALK-P496L-1 TSLHTPQWQ	28	13
>ALK-P496L-1 TSPHTPQWQ	10	>ALK-P496L-1 TSLHTPQWQ	13	3
>ALK-P496L-1 TSPHTPQWQ	9	>ALK-P496L-1 TSLHTPQWQ	15	6
>ALK-P496L-1 TSPHTPQWQ	31	>ALK-P496L-1 TSLHTPQWQ	121	90
>ALK-P496L-1 TSPHTPQWQ	3	>ALK-P496L-1 TSLHTPQWQ	8	5
>ALK-P496L-1 TSPHTPQWQ	11	>ALK-P496L-1 TSLHTPQWQ	26	15
>ALK-P496L-1 TSPHTPQWQ	6	>ALK-P496L-1 TSLHTPQWQ	11	5
>ALK-P496L-1 TSPHTPQWQ	3	>ALK-P496L-1 TSLHTPQWQ	4	1
>ALK-P496L-1 TSPHTPQ	272	>ALK-P496L-1 TSLHTPQ	2526	2254
>ALK-P496L-1 TSPHTPQWQ	88	>ALK-P496L-1 TSLHTPQWQ	736	648
>ALK-P496L-1 TSPHTPQWQ	2	>ALK-P496L-1 TSLHTPQWQ	3	1
>ALK-P496L-1 TSPHTPQWQ	113	>ALK-P496L-1 TSLHTPQWQ	357	244
>ALK-P496L-1 TSPHTPQWQ	38	>ALK-P496L-1 TSLHTPQWQ	75	37
>ALK-P496L-1 TSPHTPQW	78	>ALK-P496L-1 TSLHTPQW	744	666
>ALK-P496L-1 TSPHTPQW	49	>ALK-P496L-1 TSLHTPQW	285	236
>ALK-P496L-1 GTLSPHTPQV	579	>ALK-P496L-1 GTLSLHTPQV	299	280
>ALK-P496L-1 GTLSPHTPQV	4	>ALK-P496L-1 GTLSLHTPQV	6	2
>ALK-P496L-1 GTLSPHTPQV	83	>ALK-P496L-1 GTLSLHTPQV	100	17
>ALK-P496L-1 GTLSPHTPQV	27	>ALK-P496L-1 GTLSLHTPQV	21	6
>ALK-P496L-1 GTLSPHTPQ	225	>ALK-P496L-1 GTLSLHTPQ	187	38



>ALK-P496L-1GTLSPHTPQV	170	>ALK-P496L-1GTLSLHTPQV	154	16
>ALK-P496L-1QGTLSPHTPC	399	>ALK-P496L-1QGTLSLHTPC	456	57
>ALK-P496L-1QGTLSPHTPC	67	>ALK-P496L-1QGTLSLHTPC	110	43
>ALK-P496L-1WTQGTLSL	19988	>ALK-P496L-1WTQGTLSL	426	19562
>ALK-P496L-1WTQGTLSL	28799	>ALK-P496L-1WTQGTLSL	479	28320
>ALK-P496L-1WTQGTLSL	15775	>ALK-P496L-1WTQGTLSL	19	15756
>ALK-P496L-1WTQGTLSL	5646	>ALK-P496L-1WTQGTLSL	102	5544
>ALK-P496L-1WTQGTLSLH	18	>ALK-P496L-1WTQGTLSLH	4	14
>ALK-P496L-1WTQGTLSL	24802	>ALK-P496L-1WTQGTLSL	471	24331
>ALK-P496L-1GWTQGTLSL	14334	>ALK-P496L-1GWTQGTLSL	80	14254
>ALK-P496L-1GWTQGTLSL	1023	>ALK-P496L-1GWTQGTLSL	325	698
>ALK-P542R-PIKSSPCEL	7684	>ALK-P542R-RIKSSPCEL	256	7428
>ALK-P542R-PIKSSPCEL	3254	>ALK-P542R-RIKSSPCEL	424	2830
>ALK-P542R-PIKSSPCEL	2901	>ALK-P542R-RIKSSPCEL	15	2886
>ALK-P542R-PIKSSPCELR	8512	>ALK-P542R-RIKSSPCELR	274	8238
>ALK-P542R-PIKSSPCELRM	5390	>ALK-P542R-RIKSSPCELRM	64	5326
>ALK-P542R-PIKSSPCELR	4559	>ALK-P542R-RIKSSPCELR	74	4485
>ALK-P542R-PIKSSPCELR	1400	>ALK-P542R-RIKSSPCELR	125	1275
>ALK-P542R-PIKSSPCELRM	13170	>ALK-P542R-RIKSSPCELRM	493	12677
>ALK-P542R-PIKSSPCEL	2281	>ALK-P542R-RIKSSPCEL	158	2123
>ALK-P542R-PIKSSPCEL	21270	>ALK-P542R-RIKSSPCEL	216	21054
>ALK-P542R-PIKSSPCELRM	18718	>ALK-P542R-RIKSSPCELRM	136	18582
>ALK-P542R-PIKSSPCELRM	13235	>ALK-P542R-RIKSSPCELRM	393	12842
>ALK-P542R-PIKSSPCELR	1319	>ALK-P542R-RIKSSPCELR	62	1257
>ALK-P542R-PIKSSPCELR	1883	>ALK-P542R-RIKSSPCELR	154	1729
>ALK-P542R-APIKSSPCEL	21	>ALK-P542R-ARIKSSPCEL	9846	9825
>ALK-P542R-APIKSSPC	234	>ALK-P542R-ARIKSSPC	24708	24474
>ALK-P542R-APIKSSPCEL	200	>ALK-P542R-ARIKSSPCEL	31068	30868
>ALK-P542R-APIKSSPCEL	816	>ALK-P542R-ARIKSSPCEL	41	775
>ALK-P542R-APIKSSPCEL	24453	>ALK-P542R-ARIKSSPCEL	53	24400
>ALK-P542R-APIKSSPCEL	417	>ALK-P542R-ARIKSSPCEL	38218	37801
>ALK-P542R-APIKSSPCEL	243	>ALK-P542R-ARIKSSPCEL	104	139
>ALK-P542R-APIKSSPCEL	25439	>ALK-P542R-ARIKSSPCEL	214	25225
>ALK-P542R-ATVTSATFPA	19784	>ALK-P542R-ATVTSATFPA	92	19692
>ALK-P542R-ATVTSATFPA	21103	>ALK-P542R-ATVTSATFPA	36	21067
>ALK-P542R-ATVTSATFPA	29405	>ALK-P542R-ATVTSATFPA	23	29382
>ALK-P542R-ATVTSATFPA	4475	>ALK-P542R-ATVTSATFPA	107	4368
>ALK-P542R-FPAPIKSSPCE	480	>ALK-P542R-FPARIKSSPCE	1315	835
>ALK-P542R-FPAPIKSS	42	>ALK-P542R-FPARIKSS	61	19
>ALK-P542R-FPAPIKSSP	76	>ALK-P542R-FPARIKSSP	94	18
>ALK-P542R-FPAPIKSSPC	98	>ALK-P542R-FPARIKSSPC	537	439
>ALK-P542R-FPAPIKSSPCE	367	>ALK-P542R-FPARIKSSPCE	389	22
>ALK-P542R-ATFPAPIK	69	>ALK-P542R-ATFPARIK	87	18

>ALK-P542R- ATFPAPIK	13	>ALK-P542R- ATFPARIK	17	4
>ALK-P542R- ATFPAPIK	7	>ALK-P542R- ATFPARIK	9	2
>ALK-P542R- ATFPAPIKS	342	>ALK-P542R- ATFPARIKS	113	229
>ALK-P542R- ATFPAPIKSS	675	>ALK-P542R- ATFPARIKSS	290	385
>ALK-P542R- ATFPAPIK	59	>ALK-P542R- ATFPARIK	76	17
>ALK-P542R- ATFPAPIKSS	430	>ALK-P542R- ATFPARIKSS	764	334
>ALK-P542R- ATFPAPIK	51	>ALK-P542R- ATFPARIK	68	17
>ALK-P542R- ATFPAPIKS	460	>ALK-P542R- ATFPARIKS	2163	1703
>ALK-P542R- SATFPAPIK	87	>ALK-P542R- SATFPARIK	386	299
>ALK-P542R- SATFPAPIK	462	>ALK-P542R- SATFPARIK	2120	1658
>ALK-P542R- SATFPAPIK	187	>ALK-P542R- SATFPARIK	512	325
>ALK-P542R- SATFPAPI	67	>ALK-P542R- SATFPARI	258	191
>ALK-P542R- SATFPAPI	216	>ALK-P542R- SATFPARI	2180	1964
>ALK-P542R- SATFPAPI	85	>ALK-P542R- SATFPARI	109	24
>ALK-P542R- TSATFPAPI	487	>ALK-P542R- TSATFPARI	727	240
>ALK-P542R- TSATFPAPIK	481	>ALK-P542R- TSATFPARIK	357	124
>ALK-P542R- TSATFPAP	20782	>ALK-P542R- TSATFPAR	151	20631
>ALK-P542R- TSATFPAPIK	28	>ALK-P542R- TSATFPARIK	75	47
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>ALK-P542R- TSATFPAP	21965	>ALK-P542R- TSATFPAR	58	21907
>ALK-P542R- TSATFPAPI	241	>ALK-P542R- TSATFPARI	1873	1632
>ALK-P542R- TSATFPAP	20017	>ALK-P542R- TSATFPAR	7	20010
>ALK-P542R- TSATFPAPIK	27	>ALK-P542R- TSATFPARIK	74	47
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>ALK-P542R- TSATFPAPI	84	>ALK-P542R- TSATFPARI	693	609
>ALK-P542R- TSATFPAPI	232	>ALK-P542R- TSATFPARI	240	8
>ALK-P542R- TSATFPAPI	971	>ALK-P542R- TSATFPARI	426	545
>ALK-P542R- TSATFPAPI	129	>ALK-P542R- TSATFPARI	329	200
>ALK-P542R- TSATFPAP	12342	>ALK-P542R- TSATFPAR	165	12177
>ALK-P542R- TSATFPAPIK	289	>ALK-P542R- TSATFPARIK	355	66
>ALK-P542R- TSATFPAPI	26	>ALK-P542R- TSATFPARI	30	4
>ALK-P542R- VTSATFPAPI	302	>ALK-P542R- VTSATFPARI	1125	823
>ALK-P542R- VTSATFPAPI	117	>ALK-P542R- VTSATFPARI	437	320
>ALK-P542R- VTSATFPAPI	313	>ALK-P542R- VTSATFPARI	2030	1717
>ALK-P542R- VTSATFPAPIK	108	>ALK-P542R- VTSATFPARIK	158	50
>ALK-P542R- VTSATFPAP	18288	>ALK-P542R- VTSATFPAR	48	18240
>ALK-P542R- VTSATFPAPIK	14	>ALK-P542R- VTSATFPARIK	26	12
>ALK-P542R- VTSATFPAPI	363	>ALK-P542R- VTSATFPARI	1647	1284
>ALK-P542R- VTSATFPAPIK	53	>ALK-P542R- VTSATFPARIK	150	97
>ALK-P542R- VTSATFPAP	19071	>ALK-P542R- VTSATFPAR	23	19048
>ALK-P542R- VTSATFPAPI	207	>ALK-P542R- VTSATFPARI	1159	952
>ALK-P542R- VTSATFPAP	32360	>ALK-P542R- VTSATFPAR	45	32315
>ALK-P542R- VTSATFPAPIK	225	>ALK-P542R- VTSATFPARIK	507	282

>ALK-P542R- VTSATFPAPI	135	>ALK-P542R- VTSATFPARI	251	116
>ALK-P542R- VTSATFPAPI	180	>ALK-P542R- VTSATFPARI	1158	978
>ALK-P542R- VTSATFPAPI	30	>ALK-P542R- VTSATFPARI	32	2
>ALK-P542R- VTSATFPAPI	344	>ALK-P542R- VTSATFPARI	181	163
>ALK-P542R- VTSATFPAPI	41	>ALK-P542R- VTSATFPARI	71	30
>ALK-P542R- VTSATFPAPI	125	>ALK-P542R- VTSATFPARI	116	9
>ALK-P542R- VTSATFPAP	14460	>ALK-P542R- VTSATFPAR	242	14218
>ALK-P542R- VTSATFPAPI	35	>ALK-P542R- VTSATFPARI	36	1
>ALK-P542R- TVTSATFPAP	251	>ALK-P542R- TVTSATFPAR	1072	821
>ALK-P542R- TVTSATFPAP	205	>ALK-P542R- TVTSATFPAR	1043	838
>ALK-P542R- TVTSATFPAP	30172	>ALK-P542R- TVTSATFPAR	66	30106
>ALK-P542R- TVTSATFPAP	33683	>ALK-P542R- TVTSATFPAR	185	33498
>ALK-P542R- TVTSATFPAP	357	>ALK-P542R- TVTSATFPAR	1743	1386
>ALK-P542R- TVTSATFPAP	28875	>ALK-P542R- TVTSATFPAR	15	28860
>ALK-P542R- TVTSATFPAP	6	>ALK-P542R- TVTSATFPAR	10	4
>ALK-P542R- TVTSATFPAP	22	>ALK-P542R- TVTSATFPAR	121	99
>ALK-P542R- TVTSATFPAP	35978	>ALK-P542R- TVTSATFPAR	384	35594
>ALK-R1061C RKHQELQAM	6	>ALK-R1061C QKHQELQAM	16	10
>ALK-R1061C RKHQELQAM	14	>ALK-R1061C QKHQELQAM	59	45
>ALK-R1061C RRKHQELQA	865	>ALK-R1061C RQKHQELQA	75	790
>ALK-R1061C RRKHQELQAI	2242	>ALK-R1061C RQKHQELQA	258	1984
>ALK-R1061C RRKHQELQAI	11164	>ALK-R1061C RQKHQELQA	37	11127
>ALK-R1061C RRKHQELQA	1676	>ALK-R1061C RQKHQELQA	347	1329
>ALK-R1061C RRKHQELQAI	21	>ALK-R1061C RQKHQELQA	6	15
>ALK-R1061C RRKHQELQA	485	>ALK-R1061C RQKHQELQA	6362	5877
>ALK-R1061C RRKHQELQAI	24	>ALK-R1061C RQKHQELQA	1781	1757
>ALK-R1061C RRKHQELQAI	8938	>ALK-R1061C RQKHQELQA	408	8530
>ALK-R1061C RRKHQELQA	261	>ALK-R1061C RQKHQELQA	5416	5155
>ALK-R1061C RRKHQELQAI	75	>ALK-R1061C RQKHQELQA	2258	2183
>ALK-R1061C RRKHQELQAI	379	>ALK-R1061C RQKHQELQA	6008	5629
>ALK-R1061C RRKHQELQAI	52	>ALK-R1061C RQKHQELQA	1261	1209
>ALK-R1061C AFSGIMIVYRI	13	>ALK-R1061C AFSGIMIVYRI	8825	8812
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>ALK-R1061C YRRKHQELQ/	169	>ALK-R1061C YRQKHQELQ/	1218	1049
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>ALK-R1061C YRRKHQELQ/	22	>ALK-R1061C YRQKHQELQ/	108	86
>ALK-R1061C YRRKHQEL	452	>ALK-R1061C YRQKHQEL	126	326
>ALK-R1061C YRRKHQELQ/	153	>ALK-R1061C YRQKHQELQ/	53	100
>ALK-R1061C YRRKHQEL	2306	>ALK-R1061C YRQKHQEL	293	2013
>ALK-R1061C YRRKHQELQ/	1669	>ALK-R1061C YRQKHQELQ/	217	1452

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>ALK-R1275C MARDIYRASY	480	>ALK-R1275C MAQDIYRAS`	2111	1631
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>ALK-R1275C MARDIYRASY	13	>ALK-R1275C MAQDIYRAS`	36	23
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>ALK-R1275C GMARDIYRA	19	>ALK-R1275C GMAQDIYRA	18	1
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>ALK-R1275C GMARDIYRA	13	>ALK-R1275C GMAQDIYRA	8	5
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>ALK-R1275C GMARDIYRA	36	>ALK-R1275C GMAQDIYRA	19	17
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>ALK-R1275C GDFGMARDI	559	>ALK-R1275C GDFGMAQDI	473	86
>ALK-R1275C GDFGMARDI	271	>ALK-R1275C GDFGMAQDI	180	91
>ALK-R1275C IGDFGMARD	177	>ALK-R1275C IGDFGMAQD	177	0
>ALK-R1275C IGDFGMARD	381	>ALK-R1275C IGDFGMAQD	429	48
>ALK-R1275C KIGDFGMARI	2374	>ALK-R1275C KIGDFGMAQ	488	1886
>ALK-R1275C KIGDFGMAR	124	>ALK-R1275C KIGDFGMAQ	14176	14052
>ALK-R1275C KIGDFGMAR	44	>ALK-R1275C KIGDFGMAQ	12560	12516
>ALK-R1275C KIGDFGMARI	137	>ALK-R1275C KIGDFGMAQ	122	15
>ALK-R1275C KIGDFGMAR	15	>ALK-R1275C KIGDFGMAQ	844	829
>ALK-R1275C AKIGDFGMAI	366	>ALK-R1275C AKIGDFGMAI	22419	22053
>ALK-R1275C AKIGDFGMAI	279	>ALK-R1275C AKIGDFGMAI	833	554
>ALK-R401Q- FRVALEYI	15009	>ALK-R401Q- FQVALEYI	29	14980
>ALK-R401Q- FRVALEYI	573	>ALK-R401Q- FQVALEYI	7	566
>ALK-R401Q- FRVALEYI	9514	>ALK-R401Q- FQVALEYI	43	9471
>ALK-R401Q- FRVALEYI	798	>ALK-R401Q- FQVALEYI	3	795
>ALK-R401Q- FRVALEYIS	24854	>ALK-R401Q- FQVALEYIS	355	24499
>ALK-R401Q- FRVALEYISSG	18432	>ALK-R401Q- FQVALEYISSC	130	18302
>ALK-R401Q- FRVALEYI	5148	>ALK-R401Q- FQVALEYI	54	5094
>ALK-R401Q- FRVALEYI	12944	>ALK-R401Q- FQVALEYI	130	12814
>ALK-R401Q- FRVALEYISSG	20059	>ALK-R401Q- FQVALEYISSC	466	19593
>ALK-R401Q- FRVALEYI	652	>ALK-R401Q- FQVALEYI	121	531
>ALK-R401Q- FRVALEYI	160	>ALK-R401Q- FQVALEYI	3419	3259
>ALK-R401Q- FRVALEYI	1061	>ALK-R401Q- FQVALEYI	119	942
>ALK-R401Q- GRIGRPDNP	312	>ALK-R401Q- GRIGRPDNP	3709	3397
>ALK-R401Q- PFRVALEYI	1533	>ALK-R401Q- PFQVALEYI	432	1101
>ALK-R401Q- PFRVALEYI	3022	>ALK-R401Q- PFQVALEYI	354	2668
>ALK-R401Q- PFRVALEY	77	>ALK-R401Q- PFQVALEY	64	13
>ALK-R401Q- NPFRVALEYI	195	>ALK-R401Q- NPFQVALEYI	189	6
>ALK-R401Q- NPFRVALEYI	12	>ALK-R401Q- NPFQVALEYI	15	3
>ALK-R401Q- NPFRVALEY	371	>ALK-R401Q- NPFQVALEY	190	181
>ALK-R401Q- NPFRVALEYI	434	>ALK-R401Q- NPFQVALEYI	292	142
>ALK-R401Q- NPFRVALEY	66	>ALK-R401Q- NPFQVALEY	152	86
>ALK-R401Q- NPFRVALEY	196	>ALK-R401Q- NPFQVALEY	113	83
>ALK-R401Q- NPFRVALEY	11	>ALK-R401Q- NPFQVALEY	8	3
>ALK-R401Q- NPFRVALEYIS	664	>ALK-R401Q- NPFQVALEYIS	182	482
>ALK-R401Q- NPFRVALEY	143	>ALK-R401Q- NPFQVALEY	99	44
>ALK-R401Q- NPFRVALEY	8	>ALK-R401Q- NPFQVALEY	8	0
>ALK-R401Q- NPFRVALEY	108	>ALK-R401Q- NPFQVALEY	128	20

>ALK-R401Q- PDNPFPRVAL	2897	>ALK-R401Q- PDNPFQVAL	425	2472
>ALK-R401Q- RPDNPFPRV	1665	>ALK-R401Q- RPDNPFQV	423	1242
>ALK-R401Q- RPDNPFPRV	377	>ALK-R401Q- RPDNPFQV	263	114
>ALK-R401Q- RPDNPFPRVA	51	>ALK-R401Q- RPDNPFQVA	100	49
>ALK-R401Q- RPDNPFPRVAL	21	>ALK-R401Q- RPDNPFQVA	37	16
>ALK-R401Q- RPDNPFPRVAL	168	>ALK-R401Q- RPDNPFQVA	144	24
>ALK-R401Q- RPDNPFPRVA	145	>ALK-R401Q- RPDNPFQVA	181	36
>ALK-R401Q- RPDNPFPRVAL	203	>ALK-R401Q- RPDNPFQVA	230	27
>ALK-R401Q- GRPDNPFPRV/	28	>ALK-R401Q- GRPDNPFQV.	44	16
>ALK-R401Q- IGRPDNPFPR	310	>ALK-R401Q- IGRPDNPFQ	818	508
>ALK-R401Q- IGRPDNPFPR	441	>ALK-R401Q- IGRPDNPFQ	21993	21552
>ALK-R401Q- RIGRPDNPFPR	25	>ALK-R401Q- RIGRPDNPFPC	21	4
>ALK-R401Q- RIGRPDNPFPR	243	>ALK-R401Q- RIGRPDNPFPC	223	20
>ALK-R401Q- RIGRPDNPFPR	190	>ALK-R401Q- RIGRPDNPFPC	100	90
>ALK-R401Q- RIGRPDNPFPR	504	>ALK-R401Q- RIGRPDNPFPC	240	264
>ALK-R401Q- RIGRPDNPFPR	32	>ALK-R401Q- RIGRPDNPFPC	27	5
>ALK-R401Q- RIGRPDNPFPR	165	>ALK-R401Q- RIGRPDNPFPC	27563	27398
>ALK-R401Q- RIGRPDNPFPR	136	>ALK-R401Q- RIGRPDNPFPC	8175	8039
>ALK-R401Q- RIGRPDNPFPR	54	>ALK-R401Q- RIGRPDNPFPC	8224	8170
>ALK-S225R- SSLESPTNM	138	>ALK-S225R- RSLESPTNM	667	529
>ALK-S225R- SSLESPTNM	496	>ALK-S225R- RSLESPTNM	821	325
>ALK-S225R- SSLESPTNMP	1203	>ALK-S225R- RSLESPTNMF	128	1075
>ALK-S225R- SSLESPTNM	423	>ALK-S225R- RSLESPTNM	4746	4323
>ALK-S225R- SSLESPTNM	99	>ALK-S225R- RSLESPTNM	18	81
>ALK-S225R- SSLESPTN	3742	>ALK-S225R- RSLESPTN	365	3377
>ALK-S225R- SSLESPTNM	6	>ALK-S225R- RSLESPTNM	3	3
>ALK-S225R- SSLESPTNMP	3576	>ALK-S225R- RSLESPTNMF	249	3327
>ALK-S225R- SSLESPTNM	2095	>ALK-S225R- RSLESPTNM	30	2065
>ALK-S225R- SSLESPTNM	173	>ALK-S225R- RSLESPTNM	129	44
>ALK-S225R- SSLESPTNM	826	>ALK-S225R- RSLESPTNM	300	526
>ALK-S225R- HSSLESPTNM	964	>ALK-S225R- HRSLESPTNM	367	597
>ALK-S225R- HSSLESPTNM	13	>ALK-S225R- HRSLESPTNM	22063	22050
>ALK-S225R- HSSLESPTNM	16036	>ALK-S225R- HRSLESPTNM	34	16002
>ALK-S225R- HSSLESPTNM	25	>ALK-S225R- HRSLESPTNM	650	625
>ALK-S225R- LLFQIFGTGH!	14683	>ALK-S225R- LLFQIFGTGHI	214	14469
>ALK-S225R- LLFQIFGTGH!	14350	>ALK-S225R- LLFQIFGTGHI	68	14282
>ALK-S225R- LLFQIFGTGH!	22329	>ALK-S225R- LLFQIFGTGHI	108	22221
>ALK-S225R- LLFQIFGTGH!	17333	>ALK-S225R- LLFQIFGTGHI	66	17267
>ALK-S225R- LLFQIFGTGH!	17102	>ALK-S225R- LLFQIFGTGHI	72	17030
>ALK-S225R- GHSSLESPTN	660	>ALK-S225R- GHRLESPTN	258	402
>ALK-S225R- GHSSLESPTN	1088	>ALK-S225R- GHRLESPTN	362	726
>ALK-S225R- FGTGHSSL	485	>ALK-S225R- FGTGHSSL	3142	2657
>ALK-S225R- QIFGTGHSSL	104	>ALK-S225R- QIFGTGHSSL	447	343

>ALK-S225R- <sup>-</sup> QIFGTGHSSL	64	>ALK-S225R- <sup>-</sup> QIFGTGHRSL	188	124
>ALK-S225R- <sup>-</sup> QIFGTGHSSL	144	>ALK-S225R- <sup>-</sup> QIFGTGHRSL	294	150
>ALK-S225R- <sup>-</sup> QIFGTGHSSL	33	>ALK-S225R- <sup>-</sup> QIFGTGHRSL	210	177
>ALK-S225R- <sup>-</sup> QIFGTGHS	20200	>ALK-S225R- <sup>-</sup> QIFGTGHR	149	20051
>ALK-S225R- <sup>-</sup> QIFGTGHSSL	87	>ALK-S225R- <sup>-</sup> QIFGTGHRSL	77	10
>ALK-S225R- <sup>-</sup> QIFGTGHS	31439	>ALK-S225R- <sup>-</sup> QIFGTGHR	488	30951
>ALK-S225R- <sup>-</sup> QIFGTGHS	14358	>ALK-S225R- <sup>-</sup> QIFGTGHR	34	14324
>ALK-S225R- <sup>-</sup> QIFGTGHSSL	447	>ALK-S225R- <sup>-</sup> QIFGTGHRSL	1074	627
>ALK-S225R- <sup>-</sup> QIFGTGHSSL	444	>ALK-S225R- <sup>-</sup> QIFGTGHRSL	1470	1026
>ALK-S225R- <sup>-</sup> QIFGTGHSSL	364	>ALK-S225R- <sup>-</sup> QIFGTGHRSL	1652	1288
>ALK-S225R- <sup>-</sup> QIFGTGHS	20393	>ALK-S225R- <sup>-</sup> QIFGTGHR	46	20347
>ALK-S225R- <sup>-</sup> FQIFGTGHSS	210	>ALK-S225R- <sup>-</sup> FQIFGTGHRS	695	485
>ALK-S225R- <sup>-</sup> FQIFGTGHSS	35	>ALK-S225R- <sup>-</sup> FQIFGTGHRS	135	100
>ALK-S225R- <sup>-</sup> FQIFGTGHSS	12	>ALK-S225R- <sup>-</sup> FQIFGTGHRS	39	27
>ALK-S225R- <sup>-</sup> FQIFGTGHS	141	>ALK-S225R- <sup>-</sup> FQIFGTGHR	3259	3118
>ALK-S225R- <sup>-</sup> FQIFGTGHSS	5	>ALK-S225R- <sup>-</sup> FQIFGTGHRS	10	5
>ALK-S225R- <sup>-</sup> FQIFGTGHSS	467	>ALK-S225R- <sup>-</sup> FQIFGTGHRS	1383	916
>ALK-S225R- <sup>-</sup> FQIFGTGHS	27939	>ALK-S225R- <sup>-</sup> FQIFGTGHR	400	27539
>ALK-S225R- <sup>-</sup> FQIFGTGHSS	46	>ALK-S225R- <sup>-</sup> FQIFGTGHRS	68	22
>ALK-S225R- <sup>-</sup> FQIFGTGHSS	247	>ALK-S225R- <sup>-</sup> FQIFGTGHRS	574	327
>ALK-S225R- <sup>-</sup> FQIFGTGHSS	21	>ALK-S225R- <sup>-</sup> FQIFGTGHRS	41	20
>ALK-S225R- <sup>-</sup> FQIFGTGHSS	16	>ALK-S225R- <sup>-</sup> FQIFGTGHRS	32	16
>ALK-S225R- <sup>-</sup> FQIFGTGHSS	396	>ALK-S225R- <sup>-</sup> FQIFGTGHRS	642	246
>ALK-S225R- <sup>-</sup> FQIFGTGHSS	226	>ALK-S225R- <sup>-</sup> FQIFGTGHRS	430	204
>ALK-S225R- <sup>-</sup> LFQIFGTGHS	18772	>ALK-S225R- <sup>-</sup> LFQIFGTGHR	57	18715
>ALK-S225R- <sup>-</sup> LFQIFGTGHS	21455	>ALK-S225R- <sup>-</sup> LFQIFGTGHR	279	21176
>ALK-S225R- <sup>-</sup> LFQIFGTGHS	24575	>ALK-S225R- <sup>-</sup> LFQIFGTGHR	485	24090
>ALK-S225R- <sup>-</sup> LFQIFGTGHS	29653	>ALK-S225R- <sup>-</sup> LFQIFGTGHR	183	29470
>ALK-S631I- <sup>-</sup> vSLDCYLTI	23	>ALK-S631I- <sup>-</sup> nIILDCYLTI	22	1
>ALK-S631I- <sup>-</sup> vSLDCYLTI	121	>ALK-S631I- <sup>-</sup> nIILDCYLTI	106	15
>ALK-S631I- <sup>-</sup> vSLDCYLTI	120	>ALK-S631I- <sup>-</sup> nIILDCYLTI	122	2
>ALK-S631I- <sup>-</sup> vSLDCYLTI	300	>ALK-S631I- <sup>-</sup> nIILDCYLTI	141	159
>ALK-S631I- <sup>-</sup> vSLDCYLTI	5	>ALK-S631I- <sup>-</sup> nIILDCYLTI	5	0
>ALK-S631I- <sup>-</sup> vSLDCYLTI	7	>ALK-S631I- <sup>-</sup> nIILDCYLTI	8	1
>ALK-S631I- <sup>-</sup> vSLDCYLTI	14	>ALK-S631I- <sup>-</sup> nIILDCYLTI	39	25
>ALK-S631I- <sup>-</sup> vSLDCYLTI	273	>ALK-S631I- <sup>-</sup> nIILDCYLTI	64	209
>ALK-S631I- <sup>-</sup> vSLDCYLTI	26	>ALK-S631I- <sup>-</sup> nIILDCYLTI	24	2
>ALK-S631I- <sup>-</sup> vISLDCYLTI	90	>ALK-S631I- <sup>-</sup> nIILDCYLTI	153	63
>ALK-S631I- <sup>-</sup> vISLDCYLT	6780	>ALK-S631I- <sup>-</sup> nIILDCYLT	230	6550
>ALK-S631I- <sup>-</sup> vISLDCYLTI	818	>ALK-S631I- <sup>-</sup> nIILDCYLTI	25	793
>ALK-S631I- <sup>-</sup> vISLDCYLTI	4605	>ALK-S631I- <sup>-</sup> nIILDCYLTI	177	4428
>ALK-S631I- <sup>-</sup> vISLDCYLT	4388	>ALK-S631I- <sup>-</sup> nIILDCYLT	214	4174
>ALK-S631I- <sup>-</sup> vISLDCYLTI	219	>ALK-S631I- <sup>-</sup> nIILDCYLTI	14	205

>ALK-S631I-v ISLDCYLTI	2167	>ALK-S631I-n IILDCYLTI	26	2141
>ALK-S631I-v ISLDCYLTI	11277	>ALK-S631I-n IILDCYLTI	93	11184
>ALK-S631I-v ISLDCYLTI	10616	>ALK-S631I-n IILDCYLTI	156	10460
>ALK-S631I-v ISLDCYLTI	13493	>ALK-S631I-n IILDCYLTI	44	13449
>ALK-S631I-v ISLDCYLTI	13806	>ALK-S631I-n IILDCYLTI	23	13783
>ALK-S631I-v ISLDCYLTI	246	>ALK-S631I-n IILDCYLTI	263	17
>ALK-S631I-v ISLDCYLTI	387	>ALK-S631I-n IILDCYLTI	540	153
>ALK-S631I-v ISLDCYLTI	158	>ALK-S631I-n IILDCYLTI	766	608
>ALK-S631I-v ISLDCYLTI	9	>ALK-S631I-n IILDCYLTI	2996	2987
>ALK-S631I-v ISLDCYLTI	71	>ALK-S631I-n IILDCYLTI	3301	3230
>ALK-S631I-v ISLDCYLTI	90	>ALK-S631I-n IILDCYLTI	1362	1272
>ALK-S631I-v ISLDCYLTI	11	>ALK-S631I-n IILDCYLTI	877	866
>ALK-S631I-v AIVAFDNISIS	6117	>ALK-S631I-n AIVAFDNISIS	405	5712
>ALK-S631I-v AIVAFDNISIS	5565	>ALK-S631I-n AIVAFDNISIS	148	5417
>ALK-S631I-v AIVAFDNISIS	7980	>ALK-S631I-n AIVAFDNISIS	318	7662
>ALK-S631I-v SISLDCYL	1100	>ALK-S631I-n SIILDCYL	298	802
>ALK-S631I-v SISLDCYLTI	339	>ALK-S631I-n SIILDCYLTI	177	162
>ALK-S631I-v SISLDCYL	36	>ALK-S631I-n SIILDCYL	103	67
>ALK-S631I-v SISLDCYLTI	140	>ALK-S631I-n SIILDCYLTI	181	41
>ALK-S631I-v SISLDCYLTI	166	>ALK-S631I-n SIILDCYLTI	155	11
>ALK-S631I-v SISLDCYL	690	>ALK-S631I-n SIILDCYL	131	559
>ALK-S631I-v SISLDCYLTI	143	>ALK-S631I-n SIILDCYLTI	69	74
>ALK-S631I-v SISLDCYL	887	>ALK-S631I-n SIILDCYL	460	427
>ALK-S631I-v SISLDCYL	296	>ALK-S631I-n SIILDCYL	358	62
>ALK-S631I-v SISLDCYL	198	>ALK-S631I-n SIILDCYL	211	13
>ALK-S631I-v SISLDCYLTI	875	>ALK-S631I-n SIILDCYLTI	440	435
>ALK-S631I-v ISISLDCYL	332	>ALK-S631I-n ISIILDCYL	466	134
>ALK-S631I-v ISISLDCYLTI	277	>ALK-S631I-n ISIILDCYLTI	404	127
>ALK-S631I-v ISISLDCY	44	>ALK-S631I-n ISIILDCY	227	183
>ALK-S631I-v ISISLDCY	244	>ALK-S631I-n ISIILDCY	306	62
>ALK-S631I-v ISISLDCY	89	>ALK-S631I-n ISIILDCY	139	50
>ALK-S631I-v ISISLDCY	254	>ALK-S631I-n ISIILDCY	728	474
>ALK-S631I-v ISISLDCY	218	>ALK-S631I-n ISIILDCY	1009	791
>ALK-S631I-v ISISLDCYLTI	308	>ALK-S631I-n ISIILDCYLTI	944	636
>ALK-S631I-v ISISLDCY	22	>ALK-S631I-n ISIILDCY	19	3
>ALK-S631I-v ISISLDCYL	14	>ALK-S631I-n ISIILDCYL	6	8
>ALK-S631I-v ISISLDCYLTI	17	>ALK-S631I-n ISIILDCYLTI	9	8
>ALK-S631I-v ISISLDCY	461	>ALK-S631I-n ISIILDCY	762	301
>ALK-S631I-v ISISLDCY	144	>ALK-S631I-n ISIILDCY	280	136
>ALK-S631I-v ISISLDCYL	23	>ALK-S631I-n ISIILDCYL	34	11
>ALK-S631I-v ISISLDCYLTI	23	>ALK-S631I-n ISIILDCYLTI	31	8
>ALK-S631I-v ISISLDCY	213	>ALK-S631I-n ISIILDCY	582	369
>ALK-S631I-v ISISLDCYLTI	230	>ALK-S631I-n ISIILDCYLTI	935	705

>ALK-S631I-v ISISLDCYLTI	34	>ALK-S631I-n ISIILDCYLTI	50	16
>ALK-S631I-v NISISLDCYL	70	>ALK-S631I-n NISIILDCYL	81	11
>ALK-S631I-v NISISLDCYL	474	>ALK-S631I-n NISIILDCYL	498	24
>ALK-S631I-v NISISLDCYL	444	>ALK-S631I-n NISIILDCYL	388	56
>ALK-S631I-v NISISLDCY	1069	>ALK-S631I-n NISIILDCY	486	583
>ALK-S631I-v DNISISLDCY	171	>ALK-S631I-n DNISIILDCY	54	117
>ALK-S631I-v FDNISISL	251	>ALK-S631I-n FDNISIIL	611	360
>ALK-S631I-v FDNISISL	920	>ALK-S631I-n FDNISIIL	497	423
>ALK-S631I-v VAFDNISIS	4172	>ALK-S631I-n VAFDNISII	282	3890
>ALK-S631I-v VAFDNISISL	234	>ALK-S631I-n VAFDNISIIL	742	508
>ALK-S631I-v VAFDNISIS	9006	>ALK-S631I-n VAFDNISII	216	8790
>ALK-S631I-v VAFDNISIS	8933	>ALK-S631I-n VAFDNISII	496	8437
>ALK-S631I-v VAFDNISIS	7003	>ALK-S631I-n VAFDNISII	135	6868
>ALK-S631I-v VAFDNISISL	63	>ALK-S631I-n VAFDNISIIL	302	239
>ALK-S631I-v VAFDNISIS	15666	>ALK-S631I-n VAFDNISII	394	15272
>ALK-S631I-v VAFDNISISL	59	>ALK-S631I-n VAFDNISIIL	241	182
>ALK-S631I-v VAFDNISIS	6618	>ALK-S631I-n VAFDNISII	293	6325
>ALK-S631I-v VAFDNISISL	147	>ALK-S631I-n VAFDNISIIL	298	151
>ALK-S631I-v VAFDNISIS	8769	>ALK-S631I-n VAFDNISII	108	8661
>ALK-S631I-v VAFDNISISL	21	>ALK-S631I-n VAFDNISIIL	79	58
>ALK-S631I-v VAFDNISIS	2883	>ALK-S631I-n VAFDNISII	266	2617
>ALK-S631I-v VAFDNISIS	28475	>ALK-S631I-n VAFDNISII	32	28443
>ALK-S631I-v IVAFDNISISL	60	>ALK-S631I-n IVAFDNISIIL	153	93
>ALK-S631I-v IVAFDNISISL	151	>ALK-S631I-n IVAFDNISIIL	779	628
>ALK-S631I-v IVAFDNISISL	370	>ALK-S631I-n IVAFDNISIIL	1440	1070
>ALK-S631I-v IVAFDNISISL	118	>ALK-S631I-n IVAFDNISIIL	365	247
>ALK-S631I-v IVAFDNISIS	32501	>ALK-S631I-n IVAFDNISII	92	32409
>ALK-V1135E VSGMPNDPS	144	>ALK-V1135E ESGMPNDPS	1910	1766
>ALK-V1135E GAFGEVYEGC	320	>ALK-V1135E GAFGEVYEGC	24882	24562
>ALK-V1135E GAFGEVYEGC	76	>ALK-V1135E GAFGEVYEGC	25748	25672
>ALK-V1135E GAFGEVYEGC	422	>ALK-V1135E GAFGEVYEGC	25055	24633
>ALK-V1135E GAFGEVYEGC	96	>ALK-V1135E GAFGEVYEGC	34765	34669
>ALK-V1135E YEGQVSGM	224	>ALK-V1135E YEGQESGM	1410	1186
>ALK-V1135E YEGQVSGM	82	>ALK-V1135E YEGQESGM	855	773
>ALK-V1135E EVYEGQVSGI	336	>ALK-V1135E EVYEGQESGI	729	393
>ALK-V1135E EVYEGQVSGI	4	>ALK-V1135E EVYEGQESGI	5	1
>ALK-V1135E EVYEGQVSGI	8	>ALK-V1135E EVYEGQESGI	17	9
>ALK-V1135E EVYEGQVSGI	409	>ALK-V1135E EVYEGQESGI	771	362
>ALK-V1135E EVYEGQVSGI	9	>ALK-V1135E EVYEGQESGI	26	17
>ALK-V1135E EVYEGQVSGI	199	>ALK-V1135E EVYEGQESGI	661	462
>ALK-V1135E GEVYEGQV	307	>ALK-V1135E GEVYEGQE	7655	7348
>ALK-V1135E GEVYEGQV	203	>ALK-V1135E GEVYEGQE	7207	7004
>ALK-V1135E GEVYEGQVSC	96	>ALK-V1135E GEVYEGQESC	113	17

>ALK-V1135E GEVYEGQVSC	455	>ALK-V1135E GEVYEGQESC	742	287
>ALK-V1135E GEVYEGQV	373	>ALK-V1135E GEVYEGQE	24418	24045
>ALK-V1135E GEVYEGQVSC	41	>ALK-V1135E GEVYEGQESC	138	97
>ALK-V1135E AFGEVYEGQV	418	>ALK-V1135E AFGEVYEGQE	28469	28051
>ALK-V757M VSVLGIFNL	1915	>ALK-V757M MSVLGIFNL	305	1610
>ALK-V757M VSVLGIFNL	799	>ALK-V757M MSVLGIFNL	151	648
>ALK-V757M VSVLGIFNLEK	776	>ALK-V757M MSVLGIFNLE	334	442
>ALK-V757M VSVLGIFNLEK	23	>ALK-V757M MSVLGIFNLE	15	8
>ALK-V757M VSVLGIFNLEK	1641	>ALK-V757M MSVLGIFNLE	81	1560
>ALK-V757M VSVLGIFNLEK	544	>ALK-V757M MSVLGIFNLE	20	524
>ALK-V757M VSVLGIFNL	3248	>ALK-V757M MSVLGIFNL	26	3222
>ALK-V757M VSVLGIFNL	4443	>ALK-V757M MSVLGIFNL	421	4022
>ALK-V757M VSVLGIFNL	6	>ALK-V757M MSVLGIFNL	6	0
>ALK-V757M VSVLGIFNL	831	>ALK-V757M MSVLGIFNL	142	689
>ALK-V757M VSVLGIFNL	352	>ALK-V757M MSVLGIFNL	476	124
>ALK-V757M VSVLGIFNLEK	540	>ALK-V757M MSVLGIFNLE	488	52
>ALK-V757M GSVVLGIFNL	2178	>ALK-V757M GMSVLGIFNL	169	2009
>ALK-V757M GSVVLGIFNL	242	>ALK-V757M GMSVLGIFNL	34	208
>ALK-V757M GSVVLGIFNL	955	>ALK-V757M GMSVLGIFNL	165	790
>ALK-V757M GSVVLGIFNL	844	>ALK-V757M GMSVLGIFNL	460	384
>ALK-V757M GSVVLGIFNL	3834	>ALK-V757M GMSVLGIFNL	35	3799
>ALK-V757M GSVVLGIFNL	2880	>ALK-V757M GMSVLGIFNL	20	2860
>ALK-V757M GSVVLGIFNL	833	>ALK-V757M GMSVLGIFNL	14	819
>ALK-V757M GSVVLGIFNL	4753	>ALK-V757M GMSVLGIFNL	119	4634
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>ALK-V757M GSVVLGIF	1757	>ALK-V757M GMSVLGIF	138	1619
>ALK-V757M GSVVLGIF	4220	>ALK-V757M GMSVLGIF	179	4041
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>ALK-V757M HGSVVLGIFN	1452	>ALK-V757M HGMSVLGIFN	454	998
>ALK-V757M HGSVVLGIF	127	>ALK-V757M HGMSVLGIF	74	53
>ALK-V757M SHGVSVLGIF	573	>ALK-V757M SHGMSVLGIF	432	141
>ALK-V757M RSHGVSVL	46	>ALK-V757M RSHGMSVL	38	8
>ALK-V757M RSHGVSVLG	51	>ALK-V757M RSHGMSVLG	37	14
>ALK-V757M RSHGVSVLGI	12	>ALK-V757M RSHGMSVLG	11	1
>ALK-V757M RSHGVSVLGI	579	>ALK-V757M RSHGMSVLG	451	128
>ALK-V757M RSHGVSVL	114	>ALK-V757M RSHGMSVL	173	59
>ALK-V757M RSHGVSVLGI	32	>ALK-V757M RSHGMSVLG	29	3
>ALK-V757M RSHGVSVLGI	84	>ALK-V757M RSHGMSVLG	88	4
>ALK-V757M RSHGVSVL	474	>ALK-V757M RSHGMSVL	583	109
>ALK-V757M RSHGVSVLGI	187	>ALK-V757M RSHGMSVLG	177	10
>ALK-V757M RSHGVSVL	312	>ALK-V757M RSHGMSVL	446	134
>ALK-V757M RSHGVSVLGI	105	>ALK-V757M RSHGMSVLG	112	7
>ALK-V757M RSHGVSVL	6	>ALK-V757M RSHGMSVL	4	2

>ALK-V757M RSHGVSVLGI	8	>ALK-V757M RSHGMSVLG	5	3
>ALK-V757M RSHGVSVLGI	6	>ALK-V757M RSHGMSVLG	5	1
>ALK-V757M RSHGVSVLGI	146	>ALK-V757M RSHGMSVLG	296	150
>ALK-V757M RSHGVSVL	176	>ALK-V757M RSHGMSVL	850	674
>ALK-V757M RSHGVSVLGI	58	>ALK-V757M RSHGMSVLG	160	102
>ALK-V757M RSHGVSVLGI	24	>ALK-V757M RSHGMSVLG	47	23
>ALK-V757M RSHGVSVL	33	>ALK-V757M RSHGMSVL	34	1
>ALK-V757M RSHGVSVLGI	1114	>ALK-V757M RSHGMSVLG	423	691
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>ALK-V757M RSHGVSVL	104	>ALK-V757M RSHGMSVL	111	7
>ALK-V757M RSHGVSVLGI	76	>ALK-V757M RSHGMSVLG	71	5
>ALK-V757M MRSHGVS	49	>ALK-V757M MRSHGMSV	66	17
>ALK-V757M MRSHGVS	17	>ALK-V757M MRSHGMSV	35	18
>ALK-V757M MRSHGVS	87	>ALK-V757M MRSHGMSV	119	32
>ALK-V757M MRSHGVS	363	>ALK-V757M MRSHGMSV	454	91
>ALK-V757M MRSHGVS	327	>ALK-V757M MRSHGMSV	408	81
>ALK-V757M MRSHGVS	9	>ALK-V757M MRSHGMSV	11	2
>ALK-V757M MRSHGVS	627	>ALK-V757M MRSHGMSV	230	397
>ALK-V757M MRSHGVS	433	>ALK-V757M MRSHGMSV	589	156
>ALK-V757M MRSHGVS	71	>ALK-V757M MRSHGMSV	148	77
>ALK-V757M MRSHGVS	244	>ALK-V757M MRSHGMSV	488	244
>ALK-V757M MRSHGVS	2209	>ALK-V757M MRSHGMSV	357	1852
>ALK-V757M MRSHGVS	394	>ALK-V757M MRSHGMSV	156	238
>ALK-V757M MRSHGVS	189	>ALK-V757M MRSHGMSV	127	62
>ALK-V757M MMRSHGVS	145	>ALK-V757M MMRSHGMS	163	18
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>ALK-V757M MMRSHGVS	68	>ALK-V757M MMRSHGMS	61	7
>ALK-V757M MMRSHGVS	3	>ALK-V757M MMRSHGMS	2	1
>ALK-V757M MMRSHGVS	45	>ALK-V757M MMRSHGMS	44	1
>ALK-V757M MMRSHGVS	102	>ALK-V757M MMRSHGMS	124	22
>ALK-V757M MMRSHGVS	4	>ALK-V757M MMRSHGMS	5	1
>ALK-V757M MMRSHGVS	38	>ALK-V757M MMRSHGMS	87	49
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>ALK-V757M MMRSHGVS	312	>ALK-V757M MMRSHGMS	487	175
>ALK-V757M MMRSHGVS	83	>ALK-V757M MMRSHGMS	112	29
>ALK-V757M MMRSHGVS	2	>ALK-V757M MMRSHGMS	2	0
>ALK-V757M MMRSHGVS	8	>ALK-V757M MMRSHGMS	10	2
>ALK-V757M MMRSHGVS	199	>ALK-V757M MMRSHGMS	170	29
>ALK-V757M MMRSHGVS	21	>ALK-V757M MMRSHGMS	9	12
>ALK-V757M MMRSHGVS	61	>ALK-V757M MMRSHGMS	40	21
>ALK-V757M MMRSHGVS	89	>ALK-V757M MMRSHGMS	49	40
>ALK-V757M MMRSHGVS	84	>ALK-V757M MMRSHGMS	112	28
>ALK-V757M MMRSHGVS	26	>ALK-V757M MMRSHGMS	17	9

>ALK-V757M MMRSHGVS\	50	>ALK-V757M MMRSHGMS	54	4
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>ALK-V757M MMRSHGVS\	394	>ALK-V757M MMRSHGMS	398	4
>ALK-V757M MMRSHGVS\	228	>ALK-V757M MMRSHGMS	203	25
>ALK-V757M MMRSHGVS\	6	>ALK-V757M MMRSHGMS	6	0
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>ALK-V757M MMRSHGVS\	217	>ALK-V757M MMRSHGMS	136	81
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>ALK-V757M TMMRSHGV\	28	>ALK-V757M TMMRSHGM	13	15
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>ALK-V757M TMMRSHGV\	44	>ALK-V757M TMMRSHGM	19	25
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>ALK-V757M TMMRSHGV	5	>ALK-V757M TMMRSHGM	158	153
>ALK-V757M TMMRSHGV\	14	>ALK-V757M TMMRSHGM	9	5
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>ALK-V757M TMMRSHGV	24	>ALK-V757M TMMRSHGM	479	455
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>ALK-V757M TMMRSHGV	4	>ALK-V757M TMMRSHGM	136	132
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>ALK-V757M TMMRSHGV\	49	>ALK-V757M TMMRSHGM	88	39
>ALK-V757M TMMRSHGV	5	>ALK-V757M TMMRSHGM	117	112
>ALK-V757M TMMRSHGV\	9	>ALK-V757M TMMRSHGM	10	1
>ALK-V757M TMMRSHGV\	64	>ALK-V757M TMMRSHGM	102	38
>ALK-V757M TMMRSHGV	14	>ALK-V757M TMMRSHGM	1833	1819
>ALK-V757M TMMRSHGV\	34	>ALK-V757M TMMRSHGM	31	3
>ALK-V757M TMMRSHGV	5	>ALK-V757M TMMRSHGM	83	78
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>ALK-V757M TMMRSHGV\	129	>ALK-V757M TMMRSHGM	62	67
>ALK-V757M TMMRSHGV\	360	>ALK-V757M TMMRSHGM	577	217
>ALK-V757M TMMRSHGV	1507	>ALK-V757M TMMRSHGM	115	1392
>ALK-V757M TMMRSHGV\	219	>ALK-V757M TMMRSHGM	301	82
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>ALK-V757M TMMRSHGV	978	>ALK-V757M TMMRSHGM	140	838
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>ALK-V757M TMMRSHGV	614	>ALK-V757M TMMRSHGM	121	493
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>ALK-V757M NTMMRSHG	176	>ALK-V757M NTMMRSHG	7419	7243
>ALK-V757M NTMMRSHG	339	>ALK-V757M NTMMRSHG	24557	24218
>ALK-V757M NTMMRSHG	4491	>ALK-V757M NTMMRSHG	114	4377
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>ALK-V757M NTMMRSHG	14	>ALK-V757M NTMMRSHG	10	4
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>ALK-Y1278S YRASYYRK	35	>ALK-Y1278S SRASYYRK	111	76
>ALK-Y1278S IYRASYYRK	2139	>ALK-Y1278S ISRASYYRK	92	2047
>ALK-Y1278S IYRASYYRK	2411	>ALK-Y1278S ISRASYYRK	61	2350
>ALK-Y1278S IYRASYYRK	80	>ALK-Y1278S ISRASYYRK	7393	7313
>ALK-Y1278S IYRASYYR	13	>ALK-Y1278S ISRASYYR	13	0
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>ALK-Y1278S IYRASYYRKG	120	>ALK-Y1278S ISRASYYRKG	120	0
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>ALK-Y1278S IYRASYYR	6	>ALK-Y1278S ISRASYYR	7	1
>ALK-Y1278S IYRASYYRK	27	>ALK-Y1278S ISRASYYRK	27	0
>ALK-Y1278S IYRASYYR	11	>ALK-Y1278S ISRASYYR	46	35
>ALK-Y1278S IYRASYYRK	327	>ALK-Y1278S ISRASYYRK	2802	2475
>ALK-Y1278S IYRASYYR	531	>ALK-Y1278S ISRASYYR	57	474
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>ALK-Y1278S IYRASYYRK	112	>ALK-Y1278S ISRASYYRK	6903	6791
>ALK-Y1278S IGDFGMARD	177	>ALK-Y1278S IGDFGMARD	20484	20307
>ALK-Y1278S IGDFGMARD	381	>ALK-Y1278S IGDFGMARD	21249	20868
>ALK-Y1278S DIYRASYYRK	59	>ALK-Y1278S DISRASYYRK	245	186
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>ALK-Y1278S DIYRASYY	81	>ALK-Y1278S DISRASYY	274	193
>ALK-Y1278S DIYRASYY	365	>ALK-Y1278S DISRASYY	236	129
>ALK-Y1278S DIYRASYYR	32	>ALK-Y1278S DISRASYYR	151	119
>ALK-Y1278S DIYRASYYR	12	>ALK-Y1278S DISRASYYR	18	6
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>ALK-Y1278S DIYRASYY	366	>ALK-Y1278S DISRASYY	2711	2345
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>ALK-Y1278S DIYRASYYR	19	>ALK-Y1278S DISRASYYR	49	30
>ALK-Y1278S RDIYRASYYR	33	>ALK-Y1278S RDISRASYYR	43	10
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>ALK-Y1278S ARDIYRASYY	445	>ALK-Y1278S ARDISRASYY	592	147
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>ALK-Y1278S MARDIYRASYY	185	>ALK-Y1278S MARDISRASYY	933	748
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>ALK-Y1278S MARDIYRASY	13	>ALK-Y1278S MARDISRASY	10	3
>ALK-Y1278S MARDIYRASY	521	>ALK-Y1278S MARDISRASY	317	204
>ALK-Y1278S GMARDIYRA	43	>ALK-Y1278S GMARDISRA	912	869
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>ALK-Y1278S GMARDIYRA	19	>ALK-Y1278S GMARDISRA	9	10
>ALK-Y1278S GMARDIYRA	13	>ALK-Y1278S GMARDISRA	47	34
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>ALK-Y1278S GMARDIYRA	36	>ALK-Y1278S GMARDISRA	110	74
>ALK-Y1278S GMARDIYRA	174	>ALK-Y1278S GMARDISRA	1427	1253
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>ALK-Y1278S GMARDIYR	395	>ALK-Y1278S GMARDISR	2482	2087
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>ALK-Y1278S GMARDIYRA'	12	>ALK-Y1278S GMARDISRA'	14	2
>ALK-Y1278S GMARDIYR	19	>ALK-Y1278S GMARDISR	171	152
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>ALK-Y1278S GMARDIYRA'	56	>ALK-Y1278S GMARDISRA'	46	10
>ALK-Y1278S GMARDIYRA'	445	>ALK-Y1278S GMARDISRA'	174	271
>ALK-Y1278S GMARDIYRA'	83	>ALK-Y1278S GMARDISRA'	45	38
>ALK-Y1278S GMARDIYRA'	366	>ALK-Y1278S GMARDISRA'	708	342
>ALK-Y1278S GMARDIYR	152	>ALK-Y1278S GMARDISR	1987	1835
>ALK-Y1278S FGMARDIYR	340	>ALK-Y1278S FGMARDISR	3876	3536
>ALK-Y1278S FGMARDIYR	68	>ALK-Y1278S FGMARDISR	358	290
>ALK-Y1278S FGMARDIY	165	>ALK-Y1278S FGMARDIS	23832	23667
>ALK-Y1278S FGMARDIY	93	>ALK-Y1278S FGMARDIS	14541	14448
>ALK-Y1278S FGMARDIYR	33	>ALK-Y1278S FGMARDISR	453	420
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>ALK-Y1278S DFGMARDIYI	15	>ALK-Y1278S DFGMARDISF	36	21
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>ALK-Y1278S DFGMARDIYI	60	>ALK-Y1278S DFGMARDISF	393	333
>APC-A1296\ ADSANTLQI	51	>APC-A1296\ VDSANTLQI	240	189
>APC-A1296\ ADSANTLQI	28	>APC-A1296\ VDSANTLQI	42	14
>APC-A1296\ EADSANTL	76	>APC-A1296\ EVDSANTL	26	50
>APC-A1296\ EADSANTLQI	20	>APC-A1296\ EVDSANTLQI	9	11
>APC-A1296\ EADSANTLQI	1175	>APC-A1296\ EVDSANTLQI	364	811
>APC-A1296\ EIGCNQTTQE	7621	>APC-A1296\ EIGCNQTTQE	229	7392
>APC-A1296\ EIGCNQTTQE	8217	>APC-A1296\ EIGCNQTTQE	462	7755
>APC-A1296\ EIGCNQTTQE	11056	>APC-A1296\ EIGCNQTTQE	208	10848
>APC-A1296\ EIGCNQTTQE	10231	>APC-A1296\ EIGCNQTTQE	106	10125
>APC-A1296\ EIGCNQTTQE	1097	>APC-A1296\ EIGCNQTTQE	77	1020
>APC-A1296\ EIGCNQTTQE	874	>APC-A1296\ EIGCNQTTQE	27	847

>APC-A1296\QEADSANTL	61	>APC-A1296\QEVDSANTL	208	147
>APC-A1296\QEADSANTLC	8	>APC-A1296\QEVDSANTLC	14	6
>APC-A1296\QEADSANTL	863	>APC-A1296\QEVDSANTL	410	453
>APC-A1296\QEADSANTL	107	>APC-A1296\QEVDSANTL	116	9
>APC-A1296\QEADSANTL	16	>APC-A1296\QEVDSANTL	12	4
>APC-A1296\QEADSANTLC	140	>APC-A1296\QEVDSANTLC	115	25
>APC-A1296\QEADSANTL	720	>APC-A1296\QEVDSANTL	298	422
>APC-A1296\QEADSANT	246	>APC-A1296\QEVDSANT	439	193
>APC-A1296\QEADSANTL	257	>APC-A1296\QEVDSANTL	153	104
>APC-A1296\QEADSANTLC	11	>APC-A1296\QEVDSANTLC	8	3
>APC-A1296\TQEADSANTL	13	>APC-A1296\TQEVDSANTL	28	15
>APC-A1296\TTQEADSA	326	>APC-A1296\TTQEVDSA	123	203
>APC-A1296\TTQEADSANT	155	>APC-A1296\TTQEVDSANT	82	73
>APC-A1296\TTQEADSANT	38	>APC-A1296\TTQEVDSANT	120	82
>APC-A1296\TTQEADSANT	241	>APC-A1296\TTQEVDSANT	379	138
>APC-A1296\TTQEADSANT	259	>APC-A1296\TTQEVDSANT	130	129
>APC-A1305\AEIKEKIGT	89	>APC-A1305\GEIKEKIGT	1010	921
>APC-A1305\AEIKEKIGT	381	>APC-A1305\GEIKEKIGT	325	56
>APC-A1305\QIAEIKEKI	163	>APC-A1305\QIGEIKEKI	2777	2614
>APC-A1305\QIAEIKEK	86	>APC-A1305\QIGEIKEK	1378	1292
>APC-A1305\QIAEIKEKI	23	>APC-A1305\QIGEIKEKI	931	908
>APC-A1305\QIAEIKEKI	287	>APC-A1305\QIGEIKEKI	1887	1600
>APC-A1305\LQIAEIKEKI	295	>APC-A1305\LQIGEIKEKI	1003	708
>APC-A1305\TLQIAEIKEKI	633	>APC-A1305\TLQIGEIKEKI	435	198
>APC-A1305\TLQIAEIKEKI	251	>APC-A1305\TLQIGEIKEKI	133	118
>APC-A1305\TLQIAEIK	288	>APC-A1305\TLQIGEIK	365	77
>APC-A1305\TLQIAEIKEK	478	>APC-A1305\TLQIGEIKEK	747	269
>APC-A1305\NTLQIAEIK	22	>APC-A1305\NTLQIGEIK	71	49
>APC-A1305\NTLQIAEIKEK	73	>APC-A1305\NTLQIGEIKEK	135	62
>APC-A1305\NTLQIAEI	28	>APC-A1305\NTLQIGEI	85	57
>APC-A1305\NTLQIAEI	15	>APC-A1305\NTLQIGEI	46	31
>APC-A1305\NTLQIAEI	111	>APC-A1305\NTLQIGEI	92	19
>APC-A1305\ANTLQIAEI	624	>APC-A1305\ANTLQIGEI	318	306
>APC-A1305\SANTLQIAEIK	65	>APC-A1305\SANTLQIGEIK	78	13
>APC-A1305\SANTLQIAEIK	180	>APC-A1305\SANTLQIGEIK	337	157
>APC-A1305\DSANTLQIAE	172	>APC-A1305\DSANTLQIGE	443	271
>APC-A1358\AKSPSKSGA	495	>APC-A1358\EKSPSKSGA	2920	2425
>APC-A1358\SSGAKSPSK	281	>APC-A1358\SSGEKSPSK	678	397
>APC-A1358\SSGAKSPSK	42	>APC-A1358\SSGEKSPSK	70	28
>APC-A1358\SSGAKSPSK	33	>APC-A1358\SSGEKSPSK	86	53
>APC-A1358\FSSGAKSPSK	282	>APC-A1358\FSSGEKSPSK	908	626
>APC-A1358\FSSGAKSPSK	31	>APC-A1358\FSSGEKSPSK	68	37
>APC-A1358\FSSGAKSPSK	89	>APC-A1358\FSSGEKSPSK	253	164

>APC-A1358I EFSSGAKSPSI	280	>APC-A1358I EFSSGEKSPSI	342	62
>APC-A1358I AVEFSSGAK	376	>APC-A1358I AVEFSSGEK	619	243
>APC-A1358I AVEFSSGAK	64	>APC-A1358I AVEFSSGEK	64	0
>APC-A1358I AVEFSSGAK	77	>APC-A1358I AVEFSSGEK	133	56
>APC-A1358I KAVEFSSGA	348	>APC-A1358I KAVEFSSGE	20152	19804
>APC-A1358I KAVEFSSGA	53	>APC-A1358I KAVEFSSGE	11754	11701
>APC-A1358I KAVEFSSGAK	275	>APC-A1358I KAVEFSSGEK	300	25
>APC-A1358I KAVEFSSGAK	255	>APC-A1358I KAVEFSSGEK	204	51
>APC-A1358I KAVEFSSGAK	29	>APC-A1358I KAVEFSSGEK	44	15
>APC-A1366I AQTPKSPPEH	410	>APC-A1366I VQTPKSPPEH	259	151
>APC-A1366I AQTPKSPPEH	87	>APC-A1366I VQTPKSPPEH	114	27
>APC-A1366I AQTPKSPPEH	22	>APC-A1366I VQTPKSPPEH	35	13
>APC-A1366I KSGAQTPK	96	>APC-A1366I KSGVQTPK	169	73
>APC-A1366I KSGAQTPK	34	>APC-A1366I KSGVQTPK	46	12
>APC-A1366I KSGAQTPK	20	>APC-A1366I KSGVQTPK	31	11
>APC-A1366I KSGAQTPK	209	>APC-A1366I KSGVQTPK	170	39
>APC-A1366I PSKSGAQTPK	41	>APC-A1366I PSKSGVQTPK	52	11
>APC-A1366I SPSKSGAQ	459	>APC-A1366I SPSKSGVQ	1141	682
>APC-A1366I SPSKSGAQT	251	>APC-A1366I SPSKSGVQT	300	49
>APC-A1366I AKSPSKSGA	495	>APC-A1366I AKSPSKSGV	109	386
>APC-A1470 <sup>-</sup> AAVNAAVQR	417	>APC-A1470 <sup>+</sup> TAVNAAVQR	1716	1299
>APC-A1470 <sup>-</sup> AAVNAAVQR	51	>APC-A1470 <sup>+</sup> TAVNAAVQR	430	379
>APC-A1470 <sup>-</sup> AAVNAAVQR	43	>APC-A1470 <sup>+</sup> TAVNAAVQR	6	37
>APC-A1470 <sup>-</sup> AAVNAAVQR	345	>APC-A1470 <sup>+</sup> TAVNAAVQR	80	265
>APC-A1470 <sup>-</sup> AAVNAAVQR	1469	>APC-A1470 <sup>+</sup> TAVNAAVQR	98	1371
>APC-A1470 <sup>-</sup> QAAVNAAV	910	>APC-A1470 <sup>+</sup> QTAVNAAV	362	548
>APC-A1470 <sup>-</sup> QAAVNAAV	580	>APC-A1470 <sup>+</sup> QTAVNAAV	352	228
>APC-A1470 <sup>-</sup> QAAVNAAVC	28	>APC-A1470 <sup>+</sup> QTAVNAAVQ	11	17
>APC-A1470 <sup>-</sup> QAAVNAAV	24	>APC-A1470 <sup>+</sup> QTAVNAAV	8	16
>APC-A1470 <sup>-</sup> QAAVNAAVC	55	>APC-A1470 <sup>+</sup> QTAVNAAVQ	14	41
>APC-A1470 <sup>-</sup> QAAVNAAV	55	>APC-A1470 <sup>+</sup> QTAVNAAV	13	42
>APC-A1470 <sup>-</sup> QAAVNAAVC	208	>APC-A1470 <sup>+</sup> QTAVNAAVQ	31	177
>APC-A1470 <sup>-</sup> QAAVNAAVC	2954	>APC-A1470 <sup>+</sup> QTAVNAAVQ	202	2752
>APC-A1470 <sup>-</sup> QAAVNAAVC	1766	>APC-A1470 <sup>+</sup> QTAVNAAVQ	261	1505
>APC-A1470 <sup>-</sup> AEKRESGPKC	59	>APC-A1470 <sup>+</sup> AEKRESGPKC	453	394
>APC-A1470 <sup>-</sup> KQAAVNAAV	25	>APC-A1470 <sup>+</sup> KQTAVNAAV	80	55
>APC-A1470 <sup>-</sup> KQAAVNAA	56	>APC-A1470 <sup>+</sup> KQTAVNAA	747	691
>APC-A1470 <sup>-</sup> KQAAVNAAV	8	>APC-A1470 <sup>+</sup> KQTAVNAAV	50	42
>APC-A1470 <sup>-</sup> KQAAVNAA	87	>APC-A1470 <sup>+</sup> KQTAVNAA	620	533
>APC-A1470 <sup>-</sup> KQAAVNAAV	15	>APC-A1470 <sup>+</sup> KQTAVNAAV	79	64
>APC-A1470 <sup>-</sup> KQAAVNAA	11	>APC-A1470 <sup>+</sup> KQTAVNAA	19	8
>APC-A1470 <sup>-</sup> KQAAVNAAV	4	>APC-A1470 <sup>+</sup> KQTAVNAAV	5	1
>APC-A1470 <sup>-</sup> KQAAVNAAV	35	>APC-A1470 <sup>+</sup> KQTAVNAAV	77	42

>APC-A1470`KQAAVNAAV	86	>APC-A1470`KQTAVNAAV	148	62
>APC-A1470`KQAAVNAAV	111	>APC-A1470`KQTAVNAAV	301	190
>APC-A1470`KQAAVNAAV	21	>APC-A1470`KQTAVNAAV	21	0
>APC-A1470`KQAAVNAA	300	>APC-A1470`KQTAVNAA	3055	2755
>APC-A1470`KQAAVNAAV	135	>APC-A1470`KQTAVNAAV	1268	1133
>APC-A1470`KQAAVNAAV	444	>APC-A1470`KQTAVNAAV	3904	3460
>APC-A1470`KQAAVNAA	250	>APC-A1470`KQTAVNAA	606	356
>APC-A1470`KQAAVNAAV	53	>APC-A1470`KQTAVNAAV	135	82
>APC-A1470`KQAAVNAAV	348	>APC-A1470`KQTAVNAAV	847	499
>APC-A1470`KQAAVNAAV	141	>APC-A1470`KQTAVNAAV	872	731
>APC-A1470`KQAAVNAAV	45	>APC-A1470`KQTAVNAAV	55	10
>APC-A1470`GPKQAAVNA	159	>APC-A1470`GPKQTAVNA	177	18
>APC-A1470`SGPKQAAV	280	>APC-A1470`SGPKQTAV	473	193
>APC-A1470`ESGPKQAAV	78	>APC-A1470`ESGPKQTAV	205	127
>APC-A1470`RESGPKQAA	341	>APC-A1470`RESGPKQTA	491	150
>APC-A1470`RESGPKQAA\	223	>APC-A1470`RESGPKQTA\	173	50
>APC-A1470`RESGPKQA	93	>APC-A1470`RESGPKQT	624	531
>APC-A1470`RESGPKQAA	20	>APC-A1470`RESGPKQTA	43	23
>APC-A1470`RESGPKQAA\	341	>APC-A1470`RESGPKQTA\	328	13
>APC-A1470`RESGPKQAA\	138	>APC-A1470`RESGPKQTA\	64	74
>APC-A1470`KRESGPKQA\	621	>APC-A1470`KRESGPKQTA	468	153
>APC-A1475\AAVQRVQV	1854	>APC-A1475\AVVQRVQV	237	1617
>APC-A1475\AAVQRVQV	683	>APC-A1475\AVVQRVQV	106	577
>APC-A1475\AAVQRVQV	1362	>APC-A1475\AVVQRVQV	272	1090
>APC-A1475\AAVQRVQV	70	>APC-A1475\AVVQRVQV	8	62
>APC-A1475\AAVQRVQVL	3678	>APC-A1475\AVVQRVQVL	286	3392
>APC-A1475\AAVQRVQVL	2541	>APC-A1475\AVVQRVQVL	67	2474
>APC-A1475\AAVQRVQVL	36	>APC-A1475\AVVQRVQVL	314	278
>APC-A1475\NAAVQRVQV	30	>APC-A1475\NAVQRVQV	86	56
>APC-A1475\NAAVQRVQV	258	>APC-A1475\NAVQRVQV	383	125
>APC-A1475\AVNAAVQRV	735	>APC-A1475\AVNAVQRV	392	343
>APC-A1475\AVNAAVQRV	81	>APC-A1475\AVNAVQRV	57	24
>APC-A1475\AVNAAVQRV	239	>APC-A1475\AVNAVQRV	179	60
>APC-A1475\AVNAAVQRV	9	>APC-A1475\AVNAVQRV	9	0
>APC-A1475\AVNAAVQRV	62	>APC-A1475\AVNAVQRV	60	2
>APC-A1475\AVNAAVQRV	103	>APC-A1475\AVNAVQRV	112	9
>APC-A1475\AVNAAVQRV	268	>APC-A1475\AVNAVQRV	286	18
>APC-A1475\AVNAAVQRV	25	>APC-A1475\AVNAVQRV	7	18
>APC-A1475\AVNAAVQRV	152	>APC-A1475\AVNAVQRV	63	89
>APC-A1475\AVNAAVQRV	81	>APC-A1475\AVNAVQRV	37	44
>APC-A1475\AVNAAVQRV	244	>APC-A1475\AVNAVQRV	152	92
>APC-A1475\AVNAAVQRV	84	>APC-A1475\AVNAVQRV	144	60
>APC-A1475\AVNAAVQRV	4	>APC-A1475\AVNAVQRV	5	1

>APC-A1475\AVNAAVQRV	9	>APC-A1475\AVNAVVRV	9	0
>APC-A1475\AVNAAVQR	135	>APC-A1475\AVNAVVR	74	61
>APC-A1475\AVNAAVQRV	344	>APC-A1475\AVNAVVRV	841	497
>APC-A1475\AVNAAVQR	36	>APC-A1475\AVNAVVR	17	19
>APC-A1475\AVNAAVQR	86	>APC-A1475\AVNAVVR	57	29
>APC-A1475\AVNAAVQRV	122	>APC-A1475\AVNAVVRV	45	77
>APC-A1475\AVNAAVQRV	127	>APC-A1475\AVNAVVRV	67	60
>APC-A1475\AAVNAAVQR	417	>APC-A1475\AAVNNAVVR	89	328
>APC-A1475\AAVNAAVQR	51	>APC-A1475\AAVNNAVVR	32	19
>APC-A1475\AAVNAAVQR	553	>APC-A1475\AAVNNAVVR	176	377
>APC-A1475\AAVNAAVQR	43	>APC-A1475\AAVNNAVVR	39	4
>APC-A1475\AAVNAAVQR	345	>APC-A1475\AAVNNAVVR	137	208
>APC-A1475\AAVNAAVQR	694	>APC-A1475\AAVNNAVVR	400	294
>APC-A1475\QAAVNAAVC	28	>APC-A1475\QAAVNNAVVC	30	2
>APC-A1475\QAAVNAAV	24	>APC-A1475\QAAVNNAV	46	22
>APC-A1475\QAAVNAAVC	55	>APC-A1475\QAAVNNAVVC	52	3
>APC-A1475\QAAVNAAV	55	>APC-A1475\QAAVNNAV	289	234
>APC-A1475\QAAVNAAVC	208	>APC-A1475\QAAVNNAVVC	292	84
>APC-A1475\KQAAVNAA	695	>APC-A1475\KQAAVNNAV	37	658
>APC-A1475\KQAAVNAAV	25	>APC-A1475\KQAAVNNAV	49	24
>APC-A1475\KQAAVNAA	56	>APC-A1475\KQAAVNNAV	10	46
>APC-A1475\KQAAVNAAV	8	>APC-A1475\KQAAVNNAV	20	12
>APC-A1475\KQAAVNAA	87	>APC-A1475\KQAAVNNAV	13	74
>APC-A1475\KQAAVNAAV	15	>APC-A1475\KQAAVNNAV	41	26
>APC-A1475\KQAAVNAA	11	>APC-A1475\KQAAVNNAV	5	6
>APC-A1475\KQAAVNAAV	4	>APC-A1475\KQAAVNNAV	9	5
>APC-A1475\KQAAVNAA	2882	>APC-A1475\KQAAVNNAV	67	2815
>APC-A1475\KQAAVNAAV	35	>APC-A1475\KQAAVNNAV	77	42
>APC-A1475\KQAAVNAA	4968	>APC-A1475\KQAAVNNAV	150	4818
>APC-A1475\KQAAVNAAV	86	>APC-A1475\KQAAVNNAV	216	130
>APC-A1475\KQAAVNAA	6878	>APC-A1475\KQAAVNNAV	97	6781
>APC-A1475\KQAAVNAAV	111	>APC-A1475\KQAAVNNAV	97	14
>APC-A1475\KQAAVNAAV	21	>APC-A1475\KQAAVNNAV	15	6
>APC-A1475\KQAAVNAA	300	>APC-A1475\KQAAVNNAV	271	29
>APC-A1475\KQAAVNAAV	135	>APC-A1475\KQAAVNNAV	129	6
>APC-A1475\KQAAVNAAV	444	>APC-A1475\KQAAVNNAV	607	163
>APC-A1475\KQAAVNAA	250	>APC-A1475\KQAAVNNAV	46	204
>APC-A1475\KQAAVNAAV	53	>APC-A1475\KQAAVNNAV	94	41
>APC-A1475\KQAAVNAAV	348	>APC-A1475\KQAAVNNAV	299	49
>APC-A1475\KQAAVNAA	8912	>APC-A1475\KQAAVNNAV	434	8478
>APC-A1475\KQAAVNAAV	141	>APC-A1475\KQAAVNNAV	184	43
>APC-A1475\KQAAVNAAV	45	>APC-A1475\KQAAVNNAV	48	3
>APC-A1475\GPKQAAVNA	17353	>APC-A1475\GPKQAAVNA	451	16902

>APC-A1475\GPKQAAVNA	159	>APC-A1475\GPKQAAVNA	474	315
>APC-A1508\ALSLDEPFI	159	>APC-A1508\VLSLDEPFI	229	70
>APC-A1508\ALSLDEPFI	37	>APC-A1508\VLSLDEPFI	74	37
>APC-A1508\ALSLDEPFI	465	>APC-A1508\VLSLDEPFI	654	189
>APC-A1508\ALSLDEPFI	156	>APC-A1508\VLSLDEPFI	112	44
>APC-A1508\ALSLDEPFI	169	>APC-A1508\VLSLDEPFI	188	19
>APC-A1508\ALSLDEPFI	17	>APC-A1508\VLSLDEPFI	14	3
>APC-A1508\ALSLDEPFI	74	>APC-A1508\VLSLDEPFI	24	50
>APC-A1508\ALSLDEPFI	25	>APC-A1508\VLSLDEPFI	28	3
>APC-A1508\ALSLDEPFIQ	386	>APC-A1508\VLSLDEPFIQ	445	59
>APC-A1508\ALSLDEPFIQK	135	>APC-A1508\VLSLDEPFIQK	126	9
>APC-A1508\ALSLDEPFIQK	41	>APC-A1508\VLSLDEPFIQK	69	28
>APC-A1508\ALSLDEPF	164	>APC-A1508\VLSLDEPF	246	82
>APC-A1508\ALSLDEPF	276	>APC-A1508\VLSLDEPF	419	143
>APC-A1508\SALSLEPFI	192	>APC-A1508\SVLSLEPFI	4029	3837
>APC-A1508\SALSLEPFI	462	>APC-A1508\SVLSLEPFI	241	221
>APC-A1508\SALSLEPFI	498	>APC-A1508\SVLSLEPFI	168	330
>APC-A1508\SALSLEPFI	243	>APC-A1508\SVLSLEPFI	120	123
>APC-A1508\SALSLEPFI	1466	>APC-A1508\SVLSLEPFI	293	1173
>APC-A1508\SALSLEPFI	372	>APC-A1508\SVLSLEPFI	47	325
>APC-A1508\SALSLEPF	4489	>APC-A1508\SVLSLEPF	187	4302
>APC-A1508\SALSLEPF	592	>APC-A1508\SVLSLEPF	47	545
>APC-A1508\SALSLEPFI	675	>APC-A1508\SVLSLEPFI	224	451
>APC-A1508\SALSLEPF	171	>APC-A1508\SVLSLEPF	107	64
>APC-A1508\SALSLEPF	133	>APC-A1508\SVLSLEPF	567	434
>APC-A1508\SALSLEPF	80	>APC-A1508\SVLSLEPF	743	663
>APC-A1508\SALSLEPF	35	>APC-A1508\SVLSLEPF	90	55
>APC-A1508\SALSLEPF	626	>APC-A1508\SVLSLEPF	301	325
>APC-A1508\DFGSCSSSLA	4805	>APC-A1508\DFGSCSSSLA	454	4351
>APC-A1508\LSALSLEPFI	267	>APC-A1508\LSVLSLEPFI	754	487
>APC-A1508\LSALSLEPF	1207	>APC-A1508\LSVLSLEPF	275	932
>APC-A1508\LSALSLEPF	77	>APC-A1508\LSVLSLEPF	89	12
>APC-A1508\LSALSLEPF	101	>APC-A1508\LSVLSLEPF	80	21
>APC-A1508\LSALSLEPF	7	>APC-A1508\LSVLSLEPF	4	3
>APC-A1508\LSALSLEPFI	255	>APC-A1508\LSVLSLEPFI	100	155
>APC-A1508\LSALSLEPF	40	>APC-A1508\LSVLSLEPF	56	16
>APC-A1508\LSALSLEPFI	281	>APC-A1508\LSVLSLEPFI	552	271
>APC-A1508\LSALSLEPF	103	>APC-A1508\LSVLSLEPF	225	122
>APC-A1508\LSALSLEPFI	33	>APC-A1508\LSVLSLEPFI	116	83
>APC-A1508\SLSALSLEPF	166	>APC-A1508\SLSVLSLEPF	613	447
>APC-A1508\SLSALSLEPF	91	>APC-A1508\SLSVLSLEPF	175	84
>APC-A1508\SLSALSLEPF	32	>APC-A1508\SLSVLSLEPF	41	9
>APC-A1508\SLSALSLEPF	131	>APC-A1508\SLSVLSLEPF	279	148



>APC-A1508\SLSALSLEDPF	141	>APC-A1508\SLSVLSLEDPF	180	39
>APC-A1508\SLSALSLEDPF	480	>APC-A1508\SLSVLSLEDPF	840	360
>APC-A1508\SSLSALS	210	>APC-A1508\SSLSVLSL	103	107
>APC-A1508\SSLSALS	860	>APC-A1508\SSLSVLSL	349	511
>APC-A1508\SSLSALS	257	>APC-A1508\SSLSVLSL	318	61
>APC-A1508\SSLSALS	10	>APC-A1508\SSLSVLSL	31	21
>APC-A1508\SSLSALS	303	>APC-A1508\SSLSVLSL	136	167
>APC-A1508\SSLSALS	114	>APC-A1508\SSLSVLSL	144	30
>APC-A1508\SSLSALS	813	>APC-A1508\SSLSVLSL	407	406
>APC-A1508\SSLSALS	4	>APC-A1508\SSLSVLSL	5	1
>APC-A1508\SSLSALS	196	>APC-A1508\SSLSVLSL	182	14
>APC-A1508\SSLSALS	266	>APC-A1508\SSLSVLSL	683	417
>APC-A1508\SSLSALS	426	>APC-A1508\SSLSVLSL	482	56
>APC-A1508\CSSLSALS	699	>APC-A1508\CSSLSVLSL	417	282
>APC-A1508\CSSLSALS	245	>APC-A1508\CSSLSVL	424	179
>APC-A1508\CSSLSALS	60	>APC-A1508\CSSLSVLSL	114	54
>APC-A1508\CSSLSALS	334	>APC-A1508\CSSLSVLSL	307	27
>APC-A1508\CSSLSALS	128	>APC-A1508\CSSLSVLSL	151	23
>APC-A1508\CSSLSALS	888	>APC-A1508\CSSLSVL	425	463
>APC-A1508\CSSLSALS	168	>APC-A1508\CSSLSVLSL	245	77
>APC-A1508\CSSLSALS	76	>APC-A1508\CSSLSVL	65	11
>APC-A1508\CSSLSALS	42	>APC-A1508\CSSLSVLSL	44	2
>APC-A1508\SCSSLSALS	406	>APC-A1508\SCSSLSVL	1436	1030
>APC-A1508\SCSSLSALS	46	>APC-A1508\SCSSLSVL	14	32
>APC-A1508\SCSSLSALS	197	>APC-A1508\SCSSLSVLSL	245	48
>APC-A1508\FSCSSLSA	2936	>APC-A1508\FSCSSLSV	354	2582
>APC-A1508\FSCSSLSALS	134	>APC-A1508\FSCSSLSVL	275	141
>APC-A1508\FSCSSLSA	3277	>APC-A1508\FSCSSLSV	489	2788
>APC-A1508\FSCSSLSALS	250	>APC-A1508\FSCSSLSVL	561	311
>APC-A1508\FSCSSLSA	867	>APC-A1508\FSCSSLSV	64	803
>APC-A1508\FSCSSLSALS	228	>APC-A1508\FSCSSLSVL	651	423
>APC-A1508\FSCSSLSALS	306	>APC-A1508\FSCSSLSVL	655	349
>APC-A1508\FSCSSLSA	309	>APC-A1508\FSCSSLSV	271	38
>APC-A1508\FSCSSLSALS	175	>APC-A1508\FSCSSLSVL	165	10
>APC-A1508\FSCSSLSA	291	>APC-A1508\FSCSSLSV	63	228
>APC-A1508\FSCSSLSALS	32	>APC-A1508\FSCSSLSVL	44	12
>APC-A1508\FSCSSLSA	979	>APC-A1508\FSCSSLSV	101	878
>APC-A1508\FSCSSLSALS	10	>APC-A1508\FSCSSLSVL	12	2
>APC-A1508\FSCSSLSALS	72	>APC-A1508\FSCSSLSVL	95	23
>APC-A1508\FSCSSLSALS	266	>APC-A1508\FSCSSLSVL	187	79
>APC-A1508\FSCSSLSALS	728	>APC-A1508\FSCSSLSVL	308	420
>APC-A1508\FSCSSLSA	2933	>APC-A1508\FSCSSLSV	305	2628
>APC-A1508\FSCSSLSALS	43	>APC-A1508\FSCSSLSVL	32	11

>APC-A1508\GFSCSSLSAL	318	>APC-A1508\GFSCSSLSVL	662	344
>APC-A1508\GFSCSSLSAL	362	>APC-A1508\GFSCSSLSVL	107	255
>APC-A465S-AMNELGGL	278	>APC-A465S-SMNELGGL	194	84
>APC-A465S-AMNELGGLQ	145	>APC-A465S-SMNELGGLQ	113	32
>APC-A465S-AMNELGGL	11	>APC-A465S-SMNELGGL	12	1
>APC-A465S-AMNELGGLQ	19	>APC-A465S-SMNELGGLQ	21	2
>APC-A465S-AMNELGGL	7	>APC-A465S-SMNELGGL	8	1
>APC-A465S-AMNELGGLQ	346	>APC-A465S-SMNELGGLQ	213	133
>APC-A465S-AMNELGGLQ	5	>APC-A465S-SMNELGGLQ	6	1
>APC-A465S-AMNELGGL	173	>APC-A465S-SMNELGGL	236	63
>APC-A465S-AMNELGGLQ	78	>APC-A465S-SMNELGGLQ	111	33
>APC-A465S-AMNELGGL	6	>APC-A465S-SMNELGGL	5	1
>APC-A465S-AMNELGGLQ	16	>APC-A465S-SMNELGGLQ	13	3
>APC-A465S-AMNELGGLQ	4	>APC-A465S-SMNELGGLQ	3	1
>APC-A465S-AMNELGGL	20	>APC-A465S-SMNELGGL	19	1
>APC-A465S-AMNELGGLQ	533	>APC-A465S-SMNELGGLQ	404	129
>APC-A465S-AMNELGGLQ	12	>APC-A465S-SMNELGGLQ	12	0
>APC-A465S-AMNELGGL	30	>APC-A465S-SMNELGGL	17	13
>APC-A465S-AMNELGGLQ	47	>APC-A465S-SMNELGGLQ	23	24
>APC-A465S-AMNELGGLQ	26	>APC-A465S-SMNELGGLQ	15	11
>APC-A465S-AMNELGGL	145	>APC-A465S-SMNELGGL	267	122
>APC-A465S-AMNELGGLQ	163	>APC-A465S-SMNELGGLQ	272	109
>APC-A465S-AMNELGGL	8	>APC-A465S-SMNELGGL	11	3
>APC-A465S-AMNELGGLQ	19	>APC-A465S-SMNELGGLQ	26	7
>APC-A465S-AMNELGGLQ	14	>APC-A465S-SMNELGGLQ	17	3
>APC-A465S-AMNELGGLQ	272	>APC-A465S-SMNELGGLQ	340	68
>APC-A465S-AMNELGGLQ	435	>APC-A465S-SMNELGGLQ	511	76
>APC-A465S-AMNELGGLQ	358	>APC-A465S-SMNELGGLQ	889	531
>APC-A465S-HAMNELGGL	168	>APC-A465S-HSMNELGGL	187	19
>APC-A465S-HAMNELGGL	1358	>APC-A465S-HSMNELGGL	295	1063
>APC-A465S-HAMNELGGL	357	>APC-A465S-HSMNELGGL	734	377
>APC-A465S-HAMNELGGL	299	>APC-A465S-HSMNELGGL	42	257
>APC-A465S-KLSFDEEHRH	422	>APC-A465S-KLSFDEEHRH	6119	5697
>APC-A465S-KLSFDEEHRH	418	>APC-A465S-KLSFDEEHRH	11126	10708
>APC-A465S-HRHAMNEL	692	>APC-A465S-HRHSMNEL	345	347
>APC-A465S-HRHAMNEL	226	>APC-A465S-HRHSMNEL	280	54
>APC-A465S-HRHAMNELC	241	>APC-A465S-HRHSMNELG	380	139
>APC-A465S-HRHAMNELC	85	>APC-A465S-HRHSMNELG	93	8
>APC-A465S-HRHAMNEL	39	>APC-A465S-HRHSMNEL	51	12
>APC-A465S-HRHAMNELC	333	>APC-A465S-HRHSMNELG	521	188
>APC-A465S-HRHAMNELC	81	>APC-A465S-HRHSMNELG	117	36
>APC-A465S-EHRHAMNEL	1889	>APC-A465S-EHRHSMNEL	402	1487
>APC-A465S-EEHRHAMNE	127	>APC-A465S-EEHRHSMNE	157	30

>APC-A465S- EEHRHAMN	232	>APC-A465S- EEHRHSMN	374	142
>APC-A465S- DEEHRHAMN	280	>APC-A465S- DEEHRHSMN	276	4
>APC-A465S- DEEHRHAM	41	>APC-A465S- DEEHRHSM	59	18
>APC-A465S- FDEEHRHAM	300	>APC-A465S- FDEEHRHSM	1317	1017
>APC-A465S- LSFDEEHRHA	361	>APC-A465S- LSFDEEHRHS	366	5
>APC-A465S- LSFDEEHRHA	94	>APC-A465S- LSFDEEHRHS	113	19
>APC-A465S- LSFDEEHRHA	19	>APC-A465S- LSFDEEHRHS	15	4
>APC-A465S- LSFDEEHRHA	107	>APC-A465S- LSFDEEHRHS	402	295
>APC-A465S- LSFDEEHRHA	1382	>APC-A465S- LSFDEEHRHS	301	1081
>APC-A465S- LSFDEEHRHA	410	>APC-A465S- LSFDEEHRHS	154	256
>APC-A465S- LSFDEEHRHA	233	>APC-A465S- LSFDEEHRHS	112	121
>APC-A465S- LSFDEEHRHA	808	>APC-A465S- LSFDEEHRHS	327	481
>APC-D1297, DSANTLQI	5456	>APC-D1297, ASANTLQI	285	5171
>APC-D1297, DSANTLQIAE	172	>APC-D1297, ASANTLQIAE	1694	1522
>APC-D1297, DSANTLQI	4260	>APC-D1297, ASANTLQI	49	4211
>APC-D1297, DSANTLQIAE	6285	>APC-D1297, ASANTLQIAE	86	6199
>APC-D1297, DSANTLQI	6807	>APC-D1297, ASANTLQI	319	6488
>APC-D1297, DSANTLQI	315	>APC-D1297, ASANTLQI	26	289
>APC-D1297, DSANTLQIAE	732	>APC-D1297, ASANTLQIAE	43	689
>APC-D1297, ADSANTLQI	20606	>APC-D1297, AASANTLQI	250	20356
>APC-D1297, ADSANTLQI	17790	>APC-D1297, AASANTLQI	127	17663
>APC-D1297, ADSANTLQI	20299	>APC-D1297, AASANTLQI	227	20072
>APC-D1297, ADSANTLQI	51	>APC-D1297, AASANTLQI	5976	5925
>APC-D1297, ADSANTLQI	4098	>APC-D1297, AASANTLQI	296	3802
>APC-D1297, ADSANTLQI	28	>APC-D1297, AASANTLQI	18108	18080
>APC-D1297, EADSANTLQ	2132	>APC-D1297, EAASANTLQ	77	2055
>APC-D1297, EADSANTL	3470	>APC-D1297, EAASANTL	24	3446
>APC-D1297, EADSANTLQI	1683	>APC-D1297, EAASANTLQI	173	1510
>APC-D1297, EADSANTLQI	8316	>APC-D1297, EAASANTLQI	221	8095
>APC-D1297, EADSANTL	76	>APC-D1297, EAASANTL	63	13
>APC-D1297, EADSANTLQI	20	>APC-D1297, EAASANTLQI	16	4
>APC-D1297, EADSANTL	935	>APC-D1297, EAASANTL	278	657
>APC-D1297, EADSANTLQI	671	>APC-D1297, EAASANTLQI	220	451
>APC-D1297, QEADSANTL	61	>APC-D1297, QEAASANTL	59	2
>APC-D1297, QEADSANTLC	8	>APC-D1297, QEAASANTLC	8	0
>APC-D1297, QEADSANTL	107	>APC-D1297, QEAASANTL	41	66
>APC-D1297, QEADSANTL	16	>APC-D1297, QEAASANTL	17	1
>APC-D1297, QEADSANTLC	140	>APC-D1297, QEAASANTLC	165	25
>APC-D1297, QEADSANT	246	>APC-D1297, QEAASANT	105	141
>APC-D1297, QEADSANTL	1157	>APC-D1297, QEAASANTL	344	813
>APC-D1297, QEADSANTLC	1257	>APC-D1297, QEAASANTLC	477	780
>APC-D1297, QEADSANTL	257	>APC-D1297, QEAASANTL	270	13
>APC-D1297, QEADSANTLC	11	>APC-D1297, QEAASANTLC	11	0

>APC-D1297,TQEADSANTI	13	>APC-D1297,TQEAASANTI	11	2
>APC-D1297,TTQEADSA	326	>APC-D1297,TTQEAASA	189	137
>APC-D1297,TTQEADSANT	155	>APC-D1297,TTQEAASANT	166	11
>APC-D1297,TTQEADSA	2881	>APC-D1297,TTQEAASA	379	2502
>APC-D1297,TTQEADSANT	751	>APC-D1297,TTQEAASANT	161	590
>APC-D1297,TTQEADSANT	38	>APC-D1297,TTQEAASANT	19	19
>APC-D1297,TTQEADSANT	241	>APC-D1297,TTQEAASANT	85	156
>APC-D1297,TTQEADSANT	259	>APC-D1297,TTQEAASANT	129	130
>APC-D1297,TTQEADSANT	509	>APC-D1297,TTQEAASANT	414	95
>APC-D1422IDLDPSPGQTM	2551	>APC-D1422IHLPDSPGQTM	431	2120
>APC-D1422IDLDPSPGQT	9910	>APC-D1422IHLPDSPGQT	455	9455
>APC-D1422IDLDPSPGQTM	1549	>APC-D1422IHLPDSPGQTM	141	1408
>APC-D1422IDLDPSPGQ	1631	>APC-D1422IHLPDSPGQ	112	1519
>APC-D1422IDLDPSPGQT	4491	>APC-D1422IHLPDSPGQT	298	4193
>APC-D1422IDLDPSPGQTM	1099	>APC-D1422IHLPDSPGQTM	54	1045
>APC-D1422IDLDPSPGQTM	1508	>APC-D1422IHLPDSPGQTM	235	1273
>APC-D1422ISDLPDSPGQT	3995	>APC-D1422ISHLPDSPGQT	131	3864
>APC-D1422ISDLPDSPGQT	14165	>APC-D1422ISHLPDSPGQT	233	13932
>APC-D1422IISPSDLPDS	1538	>APC-D1422IISPSHLPDS	136	1402
>APC-D1422IISPSDLPDSPC	2131	>APC-D1422IISPSHLPDSPC	498	1633
>APC-D1422IGIISPSDL	1620	>APC-D1422IGIISPSHL	416	1204
>APC-D1422IGIISPSDL	804	>APC-D1422IGIISPSHL	259	545
>APC-D1422IGIISPSDL	1150	>APC-D1422IGIISPSHL	333	817
>APC-D1422IVSGIISPSDL	101	>APC-D1422IVSGIISPSHL	41	60
>APC-D1422IVSGIISPSDL	299	>APC-D1422IVSGIISPSHL	476	177
>APC-D1422IVSGIISPSDL	1682	>APC-D1422IVSGIISPSHL	230	1452
>APC-D1422IMVSGIISPSDI	55	>APC-D1422IMVSGIISPSHI	15	40
>APC-D1422IMVSGIISPSDI	57	>APC-D1422IMVSGIISPSHI	25	32
>APC-D1422IMVSGIISPSDI	1119	>APC-D1422IMVSGIISPSHI	176	943
>APC-D1422IMVSGIISPSDI	1309	>APC-D1422IMVSGIISPSHI	330	979
>APC-D1422IMVSGIISPSDI	69	>APC-D1422IMVSGIISPSHI	33	36
>APC-D1422IMVSGIISPSDI	32	>APC-D1422IMVSGIISPSHI	9	23
>APC-D1422IMVSGIISPSDI	367	>APC-D1422IMVSGIISPSHI	231	136
>APC-D1422IDLDPSPGQT	9910	>APC-D1422INLPDSPGQT	479	9431
>APC-D1422IDLDPSPGQTM	1549	>APC-D1422INLPDSPGQTM	248	1301
>APC-D1422IDLDPSPGQ	1631	>APC-D1422INLPDSPGQ	483	1148
>APC-D1422IDLDPSPGQTM	1099	>APC-D1422INLPDSPGQTM	273	826
>APC-D1422IDLDPSPGQTM	1508	>APC-D1422INLPDSPGQTM	378	1130
>APC-D1422ISDLPDSPGQT	650	>APC-D1422ISNLPDSPGQT	316	334
>APC-D1422IGIISPSDL	1620	>APC-D1422IGIISPSNL	312	1308
>APC-D1422IGIISPSDL	804	>APC-D1422IGIISPSNL	202	602
>APC-D1422ISGIISPSDL	1805	>APC-D1422ISGIISPSNL	482	1323
>APC-D1422IVSGIISPSDL	101	>APC-D1422IVSGIISPSNL	31	70

>APC-D1422 VSGIISPSDL	299	>APC-D1422 VSGIISPSNL	189	110
>APC-D1422 MVSGIISPSDI	55	>APC-D1422 MVSGIISPSNI	12	43
>APC-D1422 MVSGIISPSDI	57	>APC-D1422 MVSGIISPSNI	20	37
>APC-D1422 MVSGIISPSDI	1309	>APC-D1422 MVSGIISPSNI	371	938
>APC-D1422 MVSGIISPSDI	69	>APC-D1422 MVSGIISPSNI	39	30
>APC-D1422 MVSGIISPSDI	32	>APC-D1422 MVSGIISPSNI	9	23
>APC-D1422 MVSGIISPSDI	1129	>APC-D1422 MVSGIISPSNI	313	816
>APC-D1422 MVSGIISPSDI	367	>APC-D1422 MVSGIISPSNI	179	188
>APC-D1425 DSPGQTMPP	191	>APC-D1425 ASPGQTMPP	2510	2319
>APC-D1425 LPDSPGQTM	355	>APC-D1425 LPASPGQTM	538	183
>APC-D1425 LPDSPGQT	3799	>APC-D1425 LPASPGQT	409	3390
>APC-D1425 LPDSPGQTM	36	>APC-D1425 LPASPGQTM	15	21
>APC-D1425 LPDSPGQTM	5313	>APC-D1425 LPASPGQTM	330	4983
>APC-D1425 LPDSPGQTM	37	>APC-D1425 LPASPGQTM	15	22
>APC-D1425 LPDSPGQTM	996	>APC-D1425 LPASPGQTM	269	727
>APC-D1425 LPDSPGQTM	559	>APC-D1425 LPASPGQTM	390	169
>APC-D1425 LPDSPGQT	939	>APC-D1425 LPASPGQT	100	839
>APC-D1425 LPDSPGQTM	1024	>APC-D1425 LPASPGQTM	168	856
>APC-D1425 LPDSPGQTM	248	>APC-D1425 LPASPGQTM	62	186
>APC-D1425 LPDSPGQTM	721	>APC-D1425 LPASPGQTM	72	649
>APC-D1425 DLPDSPGQTM	751	>APC-D1425 DLPASPGQTM	385	366
>APC-D1425 SDLPDSPGQT	650	>APC-D1425 SDLPASPGQT	490	160
>APC-D1425 ISPSDLPDS	1538	>APC-D1425 ISPSDLPAS	484	1054
>APC-D1425 IISPSDLPD	23061	>APC-D1425 IISPSDLPA	494	22567
>APC-D1425 IISPSDLPD	21777	>APC-D1425 IISPSDLPA	279	21498
>APC-D1425 GIISPSDLPD	14385	>APC-D1425 GIISPSDLPA	198	14187
>APC-D1425 GIISPSDLPD	18719	>APC-D1425 GIISPSDLPA	311	18408
>APC-D1425 GIISPSDLPD	19274	>APC-D1425 GIISPSDLPA	474	18800
>APC-D67H-l DLLERLKE	7257	>APC-D67H-r HLLERLKE	60	7197
>APC-D67H-l DLLERLKE	6539	>APC-D67H-r HLLERLKE	97	6442
>APC-D67H-l DLLERLKE	3418	>APC-D67H-r HLLERLKE	91	3327
>APC-D67H-l DLLERLKE	3351	>APC-D67H-r HLLERLKE	149	3202
>APC-D67H-l DLLERLKE	5215	>APC-D67H-r HLLERLKE	117	5098
>APC-D67H-l DLLERLKE	5965	>APC-D67H-r HLLERLKE	408	5557
>APC-D67H-l DLLERLKE	5617	>APC-D67H-r HLLERLKE	117	5500
>APC-D67H-l DLLERLKE	7229	>APC-D67H-r HLLERLKE	385	6844
>APC-D67H-l DLLERLKE	71	>APC-D67H-r HLLERLKE	7	64
>APC-D67H-l DLLERLKE	275	>APC-D67H-r HLLERLKE	25	250
>APC-D67H-l DLLERLKE	501	>APC-D67H-r HLLERLKE	11	490
>APC-D67H-l DLLERLKE	883	>APC-D67H-r HLLERLKE	27	856
>APC-D67H-l DLLERLKE	246	>APC-D67H-r HLLERLKE	31	215
>APC-D67H-l DLLERLKE	212	>APC-D67H-r HLLERLKE	29	183
>APC-D67H-l DLLERLKE	207	>APC-D67H-r HLLERLKE	94	113

>APC-D67H-\ DLLERLKELNI	278	>APC-D67H-r HLLERLKELNI	123	155
>APC-D67H-\ DLLERLKEL	65	>APC-D67H-r HLLERLKEL	5	60
>APC-D67H-\ DLLERLKELNI	147	>APC-D67H-r HLLERLKELNI	10	137
>APC-D67H-\ DLLERLKEL	240	>APC-D67H-r HLLERLKEL	105	135
>APC-D67H-\ DLLERLKELNI	678	>APC-D67H-r HLLERLKELNI	281	397
>APC-D67H-\ DEAMASSGQ	451	>APC-D67H-r DEAMASSGQ	148	303
>APC-D67H-\ QIDLLERLK	15736	>APC-D67H-r QIHLLERLK	366	15370
>APC-D67H-\ GQIDLLERL	141	>APC-D67H-r GQIHLLERL	912	771
>APC-D67H-\ GQIDLLERL	42	>APC-D67H-r GQIHLLERL	117	75
>APC-D67H-\ GQIDLLERL	278	>APC-D67H-r GQIHLLERL	526	248
>APC-D67H-\ GQIDLLERL	11	>APC-D67H-r GQIHLLERL	24	13
>APC-D67H-\ GQIDLLERL	435	>APC-D67H-r GQIHLLERL	3239	2804
>APC-D67H-\ GQIDLLERL	425	>APC-D67H-r GQIHLLERL	1880	1455
>APC-D67H-\ GQIDLLERLK	351	>APC-D67H-r GQIHLLERLK	522	171
>APC-D67H-\ GQIDLLER	356	>APC-D67H-r GQIHLLER	171	185
>APC-D67H-\ GQIDLLERL	391	>APC-D67H-r GQIHLLERL	457	66
>APC-D67H-\ SGQIDLLER	990	>APC-D67H-r SGQIHLLER	368	622
>APC-D67H-\ SSGQIDLLER	279	>APC-D67H-r SSGQIHLLER	265	14
>APC-D67H-\ SSGQIDLLER	649	>APC-D67H-r SSGQIHLLER	223	426
>APC-D67H-\ SSGQIDLLER	255	>APC-D67H-r SSGQIHLLER	415	160
>APC-D67H-\ SSGQIDLLERL	485	>APC-D67H-r SSGQIHLLERL	222	263
>APC-D67H-\ SSGQIDLLER	638	>APC-D67H-r SSGQIHLLER	259	379
>APC-D67H-\ SSGQIDLLER	698	>APC-D67H-r SSGQIHLLER	449	249
>APC-D67H-\ ASSGQIDLL	162	>APC-D67H-r ASSGQIHLL	88	74
>APC-D67H-\ ASSGQIDLLEF	273	>APC-D67H-r ASSGQIHLLLEF	115	158
>APC-D67H-\ ASSGQIDLLEF	716	>APC-D67H-r ASSGQIHLLLEF	111	605
>APC-D67H-\ ASSGQIDL	156	>APC-D67H-r ASSGQIHL	44	112
>APC-D67H-\ ASSGQIDLL	394	>APC-D67H-r ASSGQIHLL	52	342
>APC-D67H-\ ASSGQIDLL	270	>APC-D67H-r ASSGQIHLL	35	235
>APC-D67H-\ ASSGQIDLLEF	155	>APC-D67H-r ASSGQIHLLLEF	91	64
>APC-D67H-\ MASSGQIDLL	98	>APC-D67H-r MASSGQIHLL	76	22
>APC-D67H-\ MASSGQIDLL	2224	>APC-D67H-r MASSGQIHLL	130	2094
>APC-D67H-\ MASSGQIDL	1131	>APC-D67H-r MASSGQIHL	92	1039
>APC-D67H-\ MASSGQIDLL	371	>APC-D67H-r MASSGQIHLL	197	174
>APC-D67H-\ MASSGQIDL	939	>APC-D67H-r MASSGQIHL	267	672
>APC-D67H-\ MASSGQIDLL	1275	>APC-D67H-r MASSGQIHLL	264	1011
>APC-D67H-\ MASSGQID	6292	>APC-D67H-r MASSGQIH	165	6127
>APC-D67H-\ MASSGQIDL	199	>APC-D67H-r MASSGQIHL	506	307
>APC-D67H-\ MASSGQIDLL	1917	>APC-D67H-r MASSGQIHLL	383	1534
>APC-D67H-\ MASSGQIDL	1991	>APC-D67H-r MASSGQIHL	80	1911
>APC-D67H-\ MASSGQIDLL	734	>APC-D67H-r MASSGQIHLL	92	642
>APC-D67H-\ MASSGQIDLL	1476	>APC-D67H-r MASSGQIHLL	348	1128
>APC-D67H-\ AMASSGQIDI	104	>APC-D67H-r AMASSGQIH	52	52

>APC-D67H-\ AMASSGQIDI	77	>APC-D67H-r AMASSGQIHI	36	41
>APC-D67H-\ AMASSGQIDI	4	>APC-D67H-r AMASSGQIHI	4	0
>APC-D67H-\ AMASSGQIDI	628	>APC-D67H-r AMASSGQIHI	386	242
>APC-D67H-\ AMASSGQIDI	14	>APC-D67H-r AMASSGQIHI	9	5
>APC-D67H-\ AMASSGQIDI	200	>APC-D67H-r AMASSGQIHI	108	92
>APC-D67H-\ AMASSGQIDI	119	>APC-D67H-r AMASSGQIHI	28	91
>APC-D67H-\ AMASSGQIDI	24	>APC-D67H-r AMASSGQIHI	12	12
>APC-D67H-\ AMASSGQIDI	207	>APC-D67H-r AMASSGQIHI	39	168
>APC-D67H-\ AMASSGQIDI	75	>APC-D67H-r AMASSGQIHI	25	50
>APC-D67H-\ AMASSGQIDI	32	>APC-D67H-r AMASSGQIHI	13	19
>APC-D67H-\ AMASSGQIDI	22	>APC-D67H-r AMASSGQIHI	14	8
>APC-D67H-\ AMASSGQIDI	307	>APC-D67H-r AMASSGQIHI	91	216
>APC-D67H-\ AMASSGQIDI	97	>APC-D67H-r AMASSGQIHI	29	68
>APC-D67H-\ AMASSGQIDI	6	>APC-D67H-r AMASSGQIHI	4	2
>APC-D67H-\ AMASSGQIDI	7	>APC-D67H-r AMASSGQIHI	3	4
>APC-D67H-\ AMASSGQIDI	800	>APC-D67H-r AMASSGQIHI	130	670
>APC-D67H-\ AMASSGQID	13664	>APC-D67H-r AMASSGQIH	409	13255
>APC-D67H-\ AMASSGQID	1916	>APC-D67H-r AMASSGQIH	41	1875
>APC-D67H-\ AMASSGQIDI	33	>APC-D67H-r AMASSGQIHI	26	7
>APC-D67H-\ AMASSGQIDI	145	>APC-D67H-r AMASSGQIHI	67	78
>APC-D67H-\ AMASSGQIDI	1183	>APC-D67H-r AMASSGQIHI	201	982
>APC-D67H-\ AMASSGQIDI	1846	>APC-D67H-r AMASSGQIHI	464	1382
>APC-D67H-\ EAMASSGQIF	146	>APC-D67H-r EAMASSGQIF	24	122
>APC-D67H-\ EAMASSGQIF	145	>APC-D67H-r EAMASSGQIF	33	112
>APC-D67H-\ EAMASSGQIF	844	>APC-D67H-r EAMASSGQIF	372	472
>APC-D798G DYVFDTNR	3666	>APC-D798G GYVFDTNR	347	3319
>APC-D798G DYVFDTNR	19	>APC-D798G GYVFDTNR	1682	1663
>APC-D798G DYVFDTNR	77	>APC-D798G GYVFDTNR	1227	1150
>APC-D798G DYVFDTNR	111	>APC-D798G GYVFDTNR	141	30
>APC-D798G GDYVFDTNR	4105	>APC-D798G GGYVFDTNR	200	3905
>APC-D798G KQRHKQSLYC	1290	>APC-D798G KQRHKQSLYC	290	1000
>APC-D798G YGDYVFDTNF	2939	>APC-D798G YGGYVFDTNF	421	2518
>APC-D798G LYGDYVFDT	1792	>APC-D798G LYGGYVFDT	438	1354
>APC-D798G LYGDYVFDTM	1174	>APC-D798G LYGGYVFDTM	491	683
>APC-D798G LYGDYVFDTM	64	>APC-D798G LYGGYVFDTM	85	21
>APC-D798G LYGDYVFDTM	160	>APC-D798G LYGGYVFDTM	185	25
>APC-D798G LYGDYVFDTM	33	>APC-D798G LYGGYVFDTM	34	1
>APC-D798G SLYGDYVFDT	81	>APC-D798G SLYGGYVFDT	100	19
>APC-D798G SLYGDYVFDT	39	>APC-D798G SLYGGYVFDT	34	5
>APC-D798G SLYGDYVFDT	117	>APC-D798G SLYGGYVFDT	110	7
>APC-D798G SLYGDYVFDT	365	>APC-D798G SLYGGYVFDT	681	316
>APC-D798G SLYGDYVF	88	>APC-D798G SLYGGYVF	38	50
>APC-D798G SLYGDYVFD	480	>APC-D798G SLYGGYVFD	266	214

>APC-D798G SLYGDYVFDT	14	>APC-D798G SLYGGYVFDT	11	3
>APC-D798G SLYGDYVFDT	251	>APC-D798G SLYGGYVFDT	172	79
>APC-D798G SLYGDYVFDT	448	>APC-D798G SLYGGYVFDT	846	398
>APC-D798G SLYGDYVFDT	14	>APC-D798G SLYGGYVFDT	12	2
>APC-D798G SLYGDYVF	326	>APC-D798G SLYGGYVF	166	160
>APC-D798G SLYGDYVFD	697	>APC-D798G SLYGGYVFD	349	348
>APC-D798G SLYGDYVFDT	6	>APC-D798G SLYGGYVFDT	4	2
>APC-D798G SLYGDYVF	525	>APC-D798G SLYGGYVF	472	53
>APC-D798G SLYGDYVF	330	>APC-D798G SLYGGYVF	167	163
>APC-D798G SLYGDYVF	37	>APC-D798G SLYGGYVF	37	0
>APC-D798G SLYGDYVF	61	>APC-D798G SLYGGYVF	45	16
>APC-D798G SLYGDYVF	46	>APC-D798G SLYGGYVF	19	27
>APC-D798G SLYGDYVF	56	>APC-D798G SLYGGYVF	25	31
>APC-D798G SLYGDYVF	1077	>APC-D798G SLYGGYVF	292	785
>APC-D798G QSLYGDYVF	32	>APC-D798G QSLYGGYVF	48	16
>APC-D798G QSLYGDYV	175	>APC-D798G QSLYGGYV	364	189
>APC-D798G QSLYGDYV	309	>APC-D798G QSLYGGYV	139	170
>APC-D798G QSLYGDYVF	292	>APC-D798G QSLYGGYVF	148	144
>APC-D798G QSLYGDYVF	77	>APC-D798G QSLYGGYVF	19	58
>APC-D798G QSLYGDYVF	7	>APC-D798G QSLYGGYVF	8	1
>APC-D798G QSLYGDYVF	96	>APC-D798G QSLYGGYVF	525	429
>APC-D798G QSLYGDYVF	65	>APC-D798G QSLYGGYVF	305	240
>APC-D798G QSLYGDYVF	151	>APC-D798G QSLYGGYVF	33	118
>APC-D798G KQSLYGDYV	255	>APC-D798G KQSLYGGYV	887	632
>APC-D798G KQSLYGDYV	29	>APC-D798G KQSLYGGYV	144	115
>APC-D798G KQSLYGDYV	164	>APC-D798G KQSLYGGYV	58	106
>APC-D798G KQSLYGDYV	7	>APC-D798G KQSLYGGYV	14	7
>APC-D798G KQSLYGDYV	131	>APC-D798G KQSLYGGYV	202	71
>APC-D798G KQSLYGDYV	216	>APC-D798G KQSLYGGYV	1105	889
>APC-D798G KQSLYGDYV	323	>APC-D798G KQSLYGGYV	1627	1304
>APC-D798G KQSLYGDYVF	131	>APC-D798G KQSLYGGYVF	126	5
>APC-D798G KQSLYGDYVF	396	>APC-D798G KQSLYGGYVF	666	270
>APC-D798G KQSLYGDYVF	417	>APC-D798G KQSLYGGYVF	478	61
>APC-D798G KQSLYGDY	70	>APC-D798G KQSLYGGY	37	33
>APC-D798G KQSLYGDYVF	361	>APC-D798G KQSLYGGYVF	626	265
>APC-D798G KQSLYGDY	168	>APC-D798G KQSLYGGY	87	81
>APC-D798G KQSLYGDYVF	58	>APC-D798G KQSLYGGYVF	48	10
>APC-D798G KQSLYGDY	46	>APC-D798G KQSLYGGY	69	23
>APC-D798G KQSLYGDYV	409	>APC-D798G KQSLYGGYV	621	212
>APC-D798G KQSLYGDYVF	7	>APC-D798G KQSLYGGYVF	5	2
>APC-D798G HKQSLYGDY	346	>APC-D798G HKQSLYGGY	236	110
>APC-D798G HKQSLYGDY	138	>APC-D798G HKQSLYGGY	219	81
>APC-D798G HKQSLYGDY\	15	>APC-D798G HKQSLYGGY\	9	6



>APC-D798G RHKQSLYGD\	210	>APC-D798G RHKQSLYGG\	317	107
>APC-D798G RHKQSLYGD\	139	>APC-D798G RHKQSLYGG\	216	77
>APC-D798G RHKQSLYGD\	203	>APC-D798G RHKQSLYGG\	168	35
>APC-D798G QRHKQSLYGI	373	>APC-D798G QRHKQSLYGI	548	175
>APC-D798G QRHKQSLYGI	292	>APC-D798G QRHKQSLYGI	387	95
>APC-D798G QRHKQSLYGI	1200	>APC-D798G QRHKQSLYGI	253	947
>APC-E1209\ TEHMSSSS	293	>APC-E1209\ TVHMSSSS	38542	38249
>APC-E1209\ TEHMSSSSSEN	272	>APC-E1209\ TVHMSSSSSEN	38718	38446
>APC-E1209\ TEHMSSSS	432	>APC-E1209\ TVHMSSSS	38334	37902
>APC-E1209\ TEHMSSSSSEN	133	>APC-E1209\ TVHMSSSSSEN	37969	37836
>APC-E1209\ KSSSGQSSKT'	7673	>APC-E1209\ KSSSGQSSKT'	495	7178
>APC-E1209\ KSSSGQSSKT'	8160	>APC-E1209\ KSSSGQSSKT'	200	7960
>APC-E1209\ KSSSGQSSKT'	1273	>APC-E1209\ KSSSGQSSKT'	38	1235
>APC-E1209\ KSSSGQSSKT'	1401	>APC-E1209\ KSSSGQSSKT'	81	1320
>APC-E1209\ KTEHMSSS	1765	>APC-E1209\ KTVHMSSS	200	1565
>APC-E1209\ KTEHMSSSS	1344	>APC-E1209\ KTVHMSSSS	153	1191
>APC-E1209\ KTEHMSSSSE	1160	>APC-E1209\ KTVHMSSSSE	147	1013
>APC-E1209\ KTEHMSSSSE	1980	>APC-E1209\ KTVHMSSSSE	238	1742
>APC-E1209\ KTEHMSSSS	140	>APC-E1209\ KTVHMSSSS	93	47
>APC-E1209\ KTEHMSSSSE	240	>APC-E1209\ KTVHMSSSSE	170	70
>APC-E1209\ SSKTEHMSS	71	>APC-E1209\ SSKTVHMSS	30	41
>APC-E1209\ SSKTEHMSSS	337	>APC-E1209\ SSKTVHMSSS	162	175
>APC-E1209\ SSKTEHMSSS	192	>APC-E1209\ SSKTVHMSSS	100	92
>APC-E1209\ SSKTEHMSSS	985	>APC-E1209\ SSKTVHMSSS	323	662
>APC-E1209\ QSSKTEHM	1412	>APC-E1209\ QSSKTVHM	479	933
>APC-E1209\ QSSKTEHM	334	>APC-E1209\ QSSKTVHM	81	253
>APC-E1209\ QSSKTEHM	408	>APC-E1209\ QSSKTVHM	418	10
>APC-E1209\ QSSKTEHM	209	>APC-E1209\ QSSKTVHM	68	141
>APC-E1209\ GQSSKTEHM	95	>APC-E1209\ GQSSKTVHM	82	13
>APC-E1209\ GQSSKTEHM	499	>APC-E1209\ GQSSKTVHM	98	401
>APC-E1209\ SGQSSKTEHM	478	>APC-E1209\ SGQSSKTVHM	216	262
>APC-E1209\ SSGQSSKTEH	300	>APC-E1209\ SSGQSSKTVH	290	10
>APC-E1209\ SSGQSSKTE	3801	>APC-E1209\ SSGQSSKTV	271	3530
>APC-E1209\ SSGQSSKTEH	109	>APC-E1209\ SSGQSSKTVH	52	57
>APC-E1209\ SSGQSSKTEH	405	>APC-E1209\ SSGQSSKTVH	471	66
>APC-E1209\ SSSGQSSKTE	2743	>APC-E1209\ SSSGQSSKTV	131	2612
>APC-E1209\ SSSGQSSKTE	1805	>APC-E1209\ SSSGQSSKTV	81	1724
>APC-E1209\ SSSGQSSKTEI	229	>APC-E1209\ SSSGQSSKTV	84	145
>APC-E1284† AEDEIGCNQT	341	>APC-E1284† AKDEIGCNQT	31749	31408
>APC-E1284† AEDEIGCNQT	482	>APC-E1284† AKDEIGCNQT	19829	19347
>APC-E1284† AEDEIGCNQT	358	>APC-E1284† AKDEIGCNQT	31250	30892
>APC-E1284† CSSLSSLSSAE	20658	>APC-E1284† CSSLSSLSSAK	211	20447
>APC-E1284† CSSLSSLSSAE	21849	>APC-E1284† CSSLSSLSSAK	29	21820

>APC-E1284†CSSLSSLSSAE	15312	>APC-E1284†CSSLSSLSSAK	227	15085
>APC-E1284†CSSLSSLSSAE	20069	>APC-E1284†CSSLSSLSSAK	254	19815
>APC-E1284†LSSAEDEI	316	>APC-E1284†LSSAKDEI	836	520
>APC-E1284†LSSAEDEI	129	>APC-E1284†LSSAKDEI	121	8
>APC-E1284†SLSSAEDEI	336	>APC-E1284†SLSSAKDEI	1191	855
>APC-E1284†SLSSAEDEI	15	>APC-E1284†SLSSAKDEI	41	26
>APC-E1284†SLSSAEDEI	265	>APC-E1284†SLSSAKDEI	277	12
>APC-E1284†SLSSAEDEI	88	>APC-E1284†SLSSAKDEI	108	20
>APC-E1284†SLSSAEDEIGC	454	>APC-E1284†SLSSAKDEIGC	801	347
>APC-E1284†SLSSAEDEI	303	>APC-E1284†SLSSAKDEI	699	396
>APC-E1284†SLSSAEDEI	22	>APC-E1284†SLSSAKDEI	37	15
>APC-E1284†SLSSAEDEI	43	>APC-E1284†SLSSAKDEI	42	1
>APC-E1284†SLSSAEDEIGC	89	>APC-E1284†SLSSAKDEIGC	135	46
>APC-E1284†SSLSSAEDEI	234	>APC-E1284†SSLSSAKDEI	242	8
>APC-E1284†SSLSSAEDEI	466	>APC-E1284†SSLSSAKDEI	342	124
>APC-E1284†LSSLSSAE	21247	>APC-E1284†LSSLSSAK	232	21015
>APC-E1284†LSSLSSAE	23649	>APC-E1284†LSSLSSAK	43	23606
>APC-E1284†LSSLSSAE	14944	>APC-E1284†LSSLSSAK	169	14775
>APC-E1284†LSSLSSAE	19520	>APC-E1284†LSSLSSAK	197	19323
>APC-E1284†LSSLSSAEDEI	232	>APC-E1284†LSSLSSAKDEI	269	37
>APC-E1284†LSSLSSAEDEI	116	>APC-E1284†LSSLSSAKDEI	82	34
>APC-E1284†SLSSLSSAE	16460	>APC-E1284†SLSSLSSAK	41	16419
>APC-E1284†SLSSLSSAE	19963	>APC-E1284†SLSSLSSAK	25	19938
>APC-E1284†SLSSLSSAE	20692	>APC-E1284†SLSSLSSAK	306	20386
>APC-E1284†SSLSSLSSAE	17735	>APC-E1284†SSLSSLSSAK	41	17694
>APC-E1284†SSLSSLSSAE	24811	>APC-E1284†SSLSSLSSAK	10	24801
>APC-E1284†SSLSSLSSAE	10777	>APC-E1284†SSLSSLSSAK	22	10755
>APC-E1284†SSLSSLSSAE	23411	>APC-E1284†SSLSSLSSAK	113	23298
>APC-E1284†SSLSSLSSAE	5641	>APC-E1284†SSLSSLSSAK	119	5522
>APC-E1306†EIKEKIGTRSA	1820	>APC-E1306†KIKEKIGTRSA	52	1768
>APC-E1306†EIKEKIGTR	15583	>APC-E1306†KIKEKIGTR	166	15417
>APC-E1306†EIKEKIGTRSA	10326	>APC-E1306†KIKEKIGTRSA	17	10309
>APC-E1306†EIKEKIGTR	1251	>APC-E1306†KIKEKIGTR	17	1234
>APC-E1306†EIKEKIGTR	31	>APC-E1306†KIKEKIGTR	1928	1897
>APC-E1306†EIKEKIGTR	35	>APC-E1306†KIKEKIGTR	3019	2984
>APC-E1306†EIKEKIGTR	1069	>APC-E1306†KIKEKIGTR	119	950
>APC-E1306†AEIKEKIGT	89	>APC-E1306†AKIKEKIGT	22039	21950
>APC-E1306†AEIKEKIGT	381	>APC-E1306†AKIKEKIGT	31369	30988
>APC-E1306†IAEIKEKIGTR	1652	>APC-E1306†IAKIKEKIGTR	99	1553
>APC-E1306†IAEIKEKIGTR	2549	>APC-E1306†IAKIKEKIGTR	350	2199
>APC-E1306†QIAEIKEKI	163	>APC-E1306†QIAKIKEKI	704	541
>APC-E1306†QIAEIKEK	86	>APC-E1306†QIAKIKEK	119	33
>APC-E1306†QIAEIKEKI	23	>APC-E1306†QIAKIKEKI	59	36

>APC-E1306†QIAEIKEKI	287	>APC-E1306†QIAKIKEKI	3444	3157
>APC-E1306†LQIAEIKEKI	295	>APC-E1306†LQIAKIKEKI	465	170
>APC-E1306†TLQIAEIKEKI	251	>APC-E1306†TLQIAKIKEKI	388	137
>APC-E1306†TLQIAEIKEK	1144	>APC-E1306†TLQIAKIKEK	405	739
>APC-E1306†TLQIAEIK	288	>APC-E1306†TLQIAKIK	555	267
>APC-E1306†TLQIAEIKEK	478	>APC-E1306†TLQIAKIKEK	524	46
>APC-E1306†NTLQIAEIK	22	>APC-E1306†NTLQIAKIK	126	104
>APC-E1306†NTLQIAEIKEK	73	>APC-E1306†NTLQIAKIKEK	141	68
>APC-E1306†NTLQIAEI	28	>APC-E1306†NTLQIAKI	131	103
>APC-E1306†NTLQIAEI	15	>APC-E1306†NTLQIAKI	29	14
>APC-E1306†NTLQIAEI	111	>APC-E1306†NTLQIAKI	66	45
>APC-E1306†SANTLQIAE	21465	>APC-E1306†SANTLQIAK	272	21193
>APC-E1306†SANTLQIAE	19408	>APC-E1306†SANTLQIAK	22	19386
>APC-E1306†SANTLQIAEIK	65	>APC-E1306†SANTLQIAKIK	134	69
>APC-E1306†SANTLQIAE	13294	>APC-E1306†SANTLQIAK	60	13234
>APC-E1306†SANTLQIAEIK	1082	>APC-E1306†SANTLQIAKIK	459	623
>APC-E1306†SANTLQIAE	23829	>APC-E1306†SANTLQIAK	359	23470
>APC-E1306†SANTLQIAEIK	180	>APC-E1306†SANTLQIAKIK	561	381
>APC-E1306†DSANTLQIAE	33854	>APC-E1306†DSANTLQIAK	220	33634
>APC-E1306†DSANTLQIAE	24673	>APC-E1306†DSANTLQIAK	53	24620
>APC-E1306†DSANTLQIAE	172	>APC-E1306†DSANTLQIAK	479	307
>APC-E1306†DSANTLQIAE	732	>APC-E1306†DSANTLQIAK	404	328
>APC-E1309†EKIGTRSA	4164	>APC-E1309†KKIGTRSA	361	3803
>APC-E1309†KEKIGTRSA	2418	>APC-E1309†KKKIGTRSA	402	2016
>APC-E1309†KEKIGTRSA	87	>APC-E1309†KKKIGTRSA	28933	28846
>APC-E1309†KEKIGTRSA	67	>APC-E1309†KKKIGTRSA	20895	20828
>APC-E1309†IKEKIGTRSA	4782	>APC-E1309†IKKKIGTRSA	318	4464
>APC-E1309†EIKEKIGTR	31	>APC-E1309†EIKKKIGTR	53	22
>APC-E1309†EIKEKIGTR	35	>APC-E1309†EIKKKIGTR	50	15
>APC-E1309†EIKEKIGTRSA	600	>APC-E1309†EIKKKIGTRSA	219	381
>APC-E1309†AEIKEKIGT	89	>APC-E1309†AEIKKKIGT	101	12
>APC-E1309†AEIKEKIGT	381	>APC-E1309†AEIKKKIGT	772	391
>APC-E1309†QIAEIKEKI	163	>APC-E1309†QIAEIKKKI	2799	2636
>APC-E1309†QIAEIKEK	86	>APC-E1309†QIAEIKKK	158	72
>APC-E1309†QIAEIKEKI	23	>APC-E1309†QIAEIKKKI	416	393
>APC-E1309†QIAEIKEKI	287	>APC-E1309†QIAEIKKKI	1742	1455
>APC-E1309†LQIAEIKE	28029	>APC-E1309†LQIAEIKK	298	27731
>APC-E1309†LQIAEIKEKI	295	>APC-E1309†LQIAEIKKKI	236	59
>APC-E1309†TLQIAEIKEKI	251	>APC-E1309†TLQIAEIKKKI	646	395
>APC-E1309†TLQIAEIKE	25563	>APC-E1309†TLQIAEIKK	107	25456
>APC-E1309†TLQIAEIKEK	478	>APC-E1309†TLQIAEIKKK	601	123
>APC-E1309†NTLQIAEIKE	31208	>APC-E1309†NTLQIAEIKK	58	31150
>APC-E1309†NTLQIAEIKE	25164	>APC-E1309†NTLQIAEIKK	52	25112

>APC-E1309†NTLQIAEIKEK	73	>APC-E1309†NTLQIAEIKKK	93	20
>APC-E1317(AEDPVSEV	16442	>APC-E1317(AQDPVSEV	121	16321
>APC-E1317(AEDPVSEVPA	15239	>APC-E1317(AQDPVSEVP/	80	15159
>APC-E1317(AEDPVSEV	8110	>APC-E1317(AQDPVSEV	192	7918
>APC-E1317(AEDPVSEVPA	9825	>APC-E1317(AQDPVSEVP/	326	9499
>APC-E1317(AEDPVSEV	12879	>APC-E1317(AQDPVSEV	321	12558
>APC-E1317(AEDPVSEV	923	>APC-E1317(AQDPVSEV	7	916
>APC-E1317(AEDPVSEVPA	287	>APC-E1317(AQDPVSEVP/	6	281
>APC-E1317(AEDPVSEV	754	>APC-E1317(AQDPVSEV	17	737
>APC-E1317(AEDPVSEVPA	565	>APC-E1317(AQDPVSEVP/	15	550
>APC-E1317(AEDPVSEV	11629	>APC-E1317(AQDPVSEV	152	11477
>APC-E1317(AEDPVSEVPA	8715	>APC-E1317(AQDPVSEVP/	72	8643
>APC-E1317(AEDPVSEV	1417	>APC-E1317(AQDPVSEV	33	1384
>APC-E1317(AEDPVSEVPA	1002	>APC-E1317(AQDPVSEVP/	28	974
>APC-E1317(AEDPVSEV	3980	>APC-E1317(AQDPVSEV	251	3729
>APC-E1317(AEDPVSEVPA	5698	>APC-E1317(AQDPVSEVP/	477	5221
>APC-E1317(AEDPVSEVPA	3297	>APC-E1317(AQDPVSEVP/	265	3032
>APC-E1317(AEDPVSEV	380	>APC-E1317(AQDPVSEV	8095	7715
>APC-E1317(AEDPVSEVPA	84	>APC-E1317(AQDPVSEVP/	3843	3759
>APC-E1317(AEDPVSEV	242	>APC-E1317(AQDPVSEV	15807	15565
>APC-E1317(AEDPVSEVPA	36	>APC-E1317(AQDPVSEVP/	1618	1582
>APC-E1317(AEDPVSEVPA	92	>APC-E1317(AQDPVSEVP/	9811	9719
>APC-E1317(AEDPVSEV	438	>APC-E1317(AQDPVSEV	6127	5689
>APC-E1317(AEDPVSEVPA	50	>APC-E1317(AQDPVSEVP/	9756	9706
>APC-E1317(SAEDPVSEV	1441	>APC-E1317(SAQDPVSEV	195	1246
>APC-E1317(SAEDPVSEV	586	>APC-E1317(SAQDPVSEV	296	290
>APC-E1317(SAEDPVSEV	135	>APC-E1317(SAQDPVSEV	24	111
>APC-E1317(SAEDPVSEV	26	>APC-E1317(SAQDPVSEV	10	16
>APC-E1317(SAEDPVSEV	155	>APC-E1317(SAQDPVSEV	59	96
>APC-E1317(SAEDPVSEV	215	>APC-E1317(SAQDPVSEV	102	113
>APC-E1317(RSAEDPVSEV	150	>APC-E1317(RSAQDPVSEV	885	735
>APC-E1317(RSAEDPVSEV	115	>APC-E1317(RSAQDPVSEV	247	132
>APC-E1317(RSAEDPVSEV	419	>APC-E1317(RSAQDPVSEV	430	11
>APC-E1317(RSAEDPVSEV	73	>APC-E1317(RSAQDPVSEV	63	10
>APC-E1317(RSAEDPVSEV	415	>APC-E1317(RSAQDPVSEV	659	244
>APC-E1317(GTRSAEDPV	344	>APC-E1317(GTRSAQDPV	67	277
>APC-E1317(GTRSAEDPVS	1058	>APC-E1317(GTRSAQDPV!	308	750
>APC-E1317(GTRSAEDPV	611	>APC-E1317(GTRSAQDPV	416	195
>APC-E1317(KIGTRSAEDP'	376	>APC-E1317(KIGTRSAQDP	258	118
>APC-E1317(KIGTRSAEDP'	335	>APC-E1317(KIGTRSAQDP	178	157
>APC-E1317(KIGTRSAEDP'	306	>APC-E1317(KIGTRSAQDP	253	53
>APC-E1317(KIGTRSAEDP'	189	>APC-E1317(KIGTRSAQDP	160	29
>APC-E1317(KIGTRSAEDP'	224	>APC-E1317(KIGTRSAQDP	204	20

>APC-E1317(KIGTRSAEDP'	146	>APC-E1317(KIGTRSAQDP	136	10
>APC-E1317(KIGTRSAEDP'	144	>APC-E1317(KIGTRSAQDP	104	40
>APC-E1353\EFSSGAKSPSI	280	>APC-E1353\VFSSGAKSPSI	5174	4894
>APC-E1353\VEFSSGAK	4593	>APC-E1353\VVFSSGAK	38	4555
>APC-E1353\VEFSSGAK	7875	>APC-E1353\VVFSSGAK	15	7860
>APC-E1353\VEFSSGAK	10748	>APC-E1353\VVFSSGAK	84	10664
>APC-E1353\VEFSSGAK	6105	>APC-E1353\VVFSSGAK	46	6059
>APC-E1353\AVEFSSGA	3271	>APC-E1353\AVVFSSGA	170	3101
>APC-E1353\AVEFSSGA	4863	>APC-E1353\AVVFSSGA	395	4468
>APC-E1353\AVEFSSGAK	376	>APC-E1353\AVVFSSGAK	112	264
>APC-E1353\AVEFSSGAK	64	>APC-E1353\AVVFSSGAK	29	35
>APC-E1353\AVEFSSGAK	77	>APC-E1353\AVVFSSGAK	27	50
>APC-E1353\AVEFSSGAK	864	>APC-E1353\AVVFSSGAK	231	633
>APC-E1353\AVEFSSGAK	847	>APC-E1353\AVVFSSGAK	418	429
>APC-E1353\KAVEFSSGA	348	>APC-E1353\KAVVFSSGA	2170	1822
>APC-E1353\KAVEFSSGA	53	>APC-E1353\KAVVFSSGA	560	507
>APC-E1353\KAVEFSSGAK	275	>APC-E1353\KAVVFSSGAK	117	158
>APC-E1353\KAVEFSSGAK	255	>APC-E1353\KAVVFSSGAK	198	57
>APC-E1353\KAVEFSSGAK	29	>APC-E1353\KAVVFSSGAK	19	10
>APC-E1353\ARHKAVEF	11	>APC-E1353\ARHKAVVF	8	3
>APC-E1353\ARHKAVEF	140	>APC-E1353\ARHKAVVF	110	30
>APC-E1353\SARHKAVE	3166	>APC-E1353\SARHKAVV	63	3103
>APC-E1353\SARHKAVEFS	336	>APC-E1353\SARHKAVVFS	55	281
>APC-E1353\SARHKAVEFS	491	>APC-E1353\SARHKAVVFS	209	282
>APC-E1353\SARHKAVEF	1152	>APC-E1353\SARHKAVVF	366	786
>APC-E1353\SARHKAVE	6457	>APC-E1353\SARHKAVV	316	6141
>APC-E1353\SARHKAVEF	1069	>APC-E1353\SARHKAVVF	379	690
>APC-E1353\SARHKAVEF	532	>APC-E1353\SARHKAVVF	145	387
>APC-E1353\SARHKAVEF	41	>APC-E1353\SARHKAVVF	32	9
>APC-E1353\SARHKAVEF	5	>APC-E1353\SARHKAVVF	5	0
>APC-E1353\SARHKAVEF	701	>APC-E1353\SARHKAVVF	278	423
>APC-E1353\ESARHKAVEF	44	>APC-E1353\ESARHKAVVF	42	2
>APC-E1353\ESARHKAVE	21602	>APC-E1353\ESARHKAVV	34	21568
>APC-E1353\ESARHKAVE	20574	>APC-E1353\ESARHKAVV	322	20252
>APC-E1353\ESARHKAVEF	278	>APC-E1353\ESARHKAVVF	213	65
>APC-E1353\ESARHKAVEF	60	>APC-E1353\ESARHKAVVF	82	22
>APC-E1353\SESARHKAVE	22744	>APC-E1353\SESARHKAVV	217	22527
>APC-E1353\SESARHKAVE	1177	>APC-E1353\SESARHKAVV	368	809
>APC-E1353\SESARHKAVE	97	>APC-E1353\SESARHKAVV	85	12
>APC-E1353\SESARHKAVE	252	>APC-E1353\SESARHKAVV	215	37
>APC-E1353\SESARHKAVE	116	>APC-E1353\SESARHKAVV	305	189
>APC-E1353\SESARHKAVE	183	>APC-E1353\SESARHKAVV	298	115
>APC-E1353\SESARHKAVE	1235	>APC-E1353\SESARHKAVV	233	1002

>APC-E1374†EHYVQETPL	684	>APC-E1374†KH YVQETPL	166	518
>APC-E1374†EHYVQETPL	878	>APC-E1374†KH YVQETPL	69	809
>APC-E1374†EHYVQETPLM	1609	>APC-E1374†KH YVQETPLM	179	1430
>APC-E1374†EHYVQETPLM	62	>APC-E1374†KH YVQETPLM	6	56
>APC-E1374†EHYVQETP	494	>APC-E1374†KH YVQETP	1110	616
>APC-E1374†EHYVQETPL	84	>APC-E1374†KH YVQETPL	171	87
>APC-E1374†EHYVQETPLM	217	>APC-E1374†KH YVQETPLM	454	237
>APC-E1374†EHYVQETPL	105	>APC-E1374†KH YVQETPL	400	295
>APC-E1374†PEHYVQETPL	8071	>APC-E1374†PKH YVQETPL	284	7787
>APC-E1374†PEHYVQETPL	210	>APC-E1374†PKH YVQETPL	25330	25120
>APC-E1374†PEHYVQETPL	228	>APC-E1374†PKH YVQETPL	24512	24284
>APC-E1374†KSPPEHYV	436	>APC-E1374†KSPPKHYV	640	204
>APC-E1374†KSPPEHYV	40	>APC-E1374†KSPPKHYV	11	29
>APC-E1374†KSPPEHYVQ	23	>APC-E1374†KSPPKHYVQ	85	62
>APC-E1374†KSPPEHYVQE	235	>APC-E1374†KSPPKHYVQE	590	355
>APC-E1374†PKSPPEHY	190	>APC-E1374†KSPPKHY	139	51
>APC-E1374†TPKSPPEHYV	100	>APC-E1374†TPKSPPKHYV	116	16
>APC-E1374†TPKSPPEHYV	137	>APC-E1374†TPKSPPKHYV	88	49
>APC-E1374†QTPKSPPEHY	274	>APC-E1374†QTPKSPPKHY	427	153
>APC-E1374†QTPKSPPEHY	238	>APC-E1374†QTPKSPPKHY	297	59
>APC-E1374†QTPKSPPE	27650	>APC-E1374†QTPKSPPK	213	27437
>APC-E1374†QTPKSPPEHY	32	>APC-E1374†QTPKSPPKHY	54	22
>APC-E1374†QTPKSPPEHY	125	>APC-E1374†QTPKSPPKHY	130	5
>APC-E1374†QTPKSPPEHY	337	>APC-E1374†QTPKSPPKHY	380	43
>APC-E1374†QTPKSPPE	14269	>APC-E1374†QTPKSPPK	127	14142
>APC-E1374†QTPKSPPE	23782	>APC-E1374†QTPKSPPK	467	23315
>APC-E1374†QTPKSPPEHY	25	>APC-E1374†QTPKSPPKHY	30	5
>APC-E1374†QTPKSPPEHY	75	>APC-E1374†QTPKSPPKHY	41	34
>APC-E1374†QTPKSPPEHY	293	>APC-E1374†QTPKSPPKHY	122	171
>APC-E1374†QTPKSPPEHY	9	>APC-E1374†QTPKSPPKHY	7	2
>APC-E1374†QTPKSPPEHY	106	>APC-E1374†QTPKSPPKHY	113	7
>APC-E1374†AQTPKSPPE	26232	>APC-E1374†AQTPKSPPK	117	26115
>APC-E1374†AQTPKSPPE	12839	>APC-E1374†AQTPKSPPK	39	12800
>APC-E1374†AQTPKSPPEH	410	>APC-E1374†AQTPKSPPK†	568	158
>APC-E1374†AQTPKSPPEH	87	>APC-E1374†AQTPKSPPK†	154	67
>APC-E1374†AQTPKSPPEH	22	>APC-E1374†AQTPKSPPK†	16	6
>APC-E1374†GAQTPKSPPE	33877	>APC-E1374†GAQTPKSPPK	343	33534
>APC-E1374†GAQTPKSPPE	15278	>APC-E1374†GAQTPKSPPK	398	14880
>APC-E1464[ESGPKQAAV	78	>APC-E1464[DSGPKQAAV	707	629
>APC-E1464[RESGPKQAA	341	>APC-E1464[RDSGPKQAA	21742	21401
>APC-E1464[RESGPKQAA\	223	>APC-E1464[RDSGPKQAA'	21132	20909
>APC-E1464[RESGPKQA	93	>APC-E1464[RDSGPKQA	18157	18064
>APC-E1464[RESGPKQAA	20	>APC-E1464[RDSGPKQAA	3430	3410

>APC-E1464[ RESGPKQAA\	341	>APC-E1464[ RDSGPKQAA'	6871	6530
>APC-E1464[ RESGPKQAA\	138	>APC-E1464[ RDSGPKQAA'	9044	8906
>APC-E1464[ AEKRESGPK	351	>APC-E1464[ AEKRDSGPK	711	360
>APC-E1464[ AEKRESGPKC	59	>APC-E1464[ AEKRDSGPKC	48	11
>APC-E1464† ESGPKQAAV	78	>APC-E1464† KSGPKQAAV	10337	10259
>APC-E1464† ESGPKQAAV	6219	>APC-E1464† KSGPKQAAV	198	6021
>APC-E1464† RESGPKQAA	11722	>APC-E1464† RKSGPKQAA	481	11241
>APC-E1464† RESGPKQAA\	3687	>APC-E1464† RKSGPKQAA\	119	3568
>APC-E1464† RESGPKQAA	341	>APC-E1464† RKSGPKQAA	22696	22355
>APC-E1464† RESGPKQAA\	223	>APC-E1464† RKSGPKQAA\	27029	26806
>APC-E1464† RESGPKQA	93	>APC-E1464† RKSGPKQA	25958	25865
>APC-E1464† RESGPKQAA	20	>APC-E1464† RKSGPKQAA	9082	9062
>APC-E1464† RESGPKQAA\	341	>APC-E1464† RKSGPKQAA\	17291	16950
>APC-E1464† RESGPKQAA\	138	>APC-E1464† RKSGPKQAA\	22201	22063
>APC-E1464† KNKAPTAEK†	8436	>APC-E1464† KNKAPTAEK†	28	8408
>APC-E1464† KRESGPKQA/	2074	>APC-E1464† KRKSGPKQA/	212	1862
>APC-E1464† KRESGPKQA/	621	>APC-E1464† KRKSGPKQA/	442	179
>APC-E1464† EKRESGPKQA/	529	>APC-E1464† EKRSKSGPKQA/	351	178
>APC-E1464† AEKRESGPK	351	>APC-E1464† AEKRKSGPK	94	257
>APC-E1464† AEKRESGPKC	59	>APC-E1464† AEKRKSGPKC	62	3
>APC-E771G- ETFDNIDNL	508	>APC-E771G- GTFDNIDNL	32	476
>APC-E771G- ETFDNIDNL	3248	>APC-E771G- GTFDNIDNL	420	2828
>APC-E771G- ETFDNIDNL	309	>APC-E771G- GTFDNIDNL	38	271
>APC-E771G- ETFDNIDNL	3896	>APC-E771G- GTFDNIDNL	105	3791
>APC-E771G- ETFDNIDNL	4308	>APC-E771G- GTFDNIDNL	302	4006
>APC-E771G- ETFDNIDNL	3888	>APC-E771G- GTFDNIDNL	406	3482
>APC-E771G- ETFDNIDNL	356	>APC-E771G- GTFDNIDNL	13347	12991
>APC-E771G- ETFDNIDNL	81	>APC-E771G- GTFDNIDNL	10817	10736
>APC-E771G- ETFDNIDNL	30	>APC-E771G- GTFDNIDNL	3154	3124
>APC-E771G- ETFDNIDNL	341	>APC-E771G- GTFDNIDNL	13869	13528
>APC-E771G- ETFDNIDN	444	>APC-E771G- GTFDNIDN	10382	9938
>APC-E771G- ETFDNIDNL	465	>APC-E771G- GTFDNIDNL	7864	7399
>APC-E771G- ETFDNIDNL	5	>APC-E771G- GTFDNIDNL	270	265
>APC-E771G- ETFDNIDNL	11	>APC-E771G- GTFDNIDNL	4109	4098
>APC-E771G- ETFDNIDNL	117	>APC-E771G- GTFDNIDNL	39	78
>APC-E771G- ETFDNIDNL	6091	>APC-E771G- GTFDNIDNL	465	5626
>APC-E771G- SETFDNIDNL	311	>APC-E771G- SGTFDNIDNL	35742	35431
>APC-E771G- LSETFDNI	43	>APC-E771G- LSGTFDNI	47	4
>APC-E771G- HLSETFDNI	254	>APC-E771G- HLSGTFDNI	1430	1176
>APC-E771G- HLSETFDNI	6	>APC-E771G- HLSGTFDNI	8	2
>APC-E771G- HLSETFDNI	19	>APC-E771G- HLSGTFDNI	57	38
>APC-E771G- HLSETFDNI	56	>APC-E771G- HLSGTFDNI	354	298
>APC-E771G- HLSETFDNI	29	>APC-E771G- HLSGTFDNI	109	80

>APC-E771G-HLSETFDNI	10	>APC-E771G-HLSGTFDNI	103	93
>APC-E771G-HLSETFDNI	43	>APC-E771G-HLSGTFDNI	120	77
>APC-E771G-HLSETFDNI	80	>APC-E771G-HLSGTFDNI	235	155
>APC-E771G-HLSETFDNI	34	>APC-E771G-HLSGTFDNI	30	4
>APC-E771G-HLSETFDNI	348	>APC-E771G-HLSGTFDNI	2179	1831
>APC-E771G-AQHLSETFDN	303	>APC-E771G-AQHLSGTFDNI	246	57
>APC-E771G-AQHLSETF	56	>APC-E771G-AQHLSGTF	41	15
>APC-E771G-AQHLSETF	1095	>APC-E771G-AQHLSGTF	271	824
>APC-E771G-AQHLSETF	4	>APC-E771G-AQHLSGTF	6	2
>APC-E771G-AQHLSETFDN	110	>APC-E771G-AQHLSGTFDNI	79	31
>APC-E771G-DAQHLSETF	158	>APC-E771G-DAQHLSGTF	136	22
>APC-E771G-AELDAQHLSE	62	>APC-E771G-AELDAQHLSC	150	88
>APC-E771G-AELDAQHLSE	1325	>APC-E771G-AELDAQHLSC	420	905
>APC-E771G-AELDAQHLSE	39	>APC-E771G-AELDAQHLSC	48	9
>APC-E771G-AELDAQHLSE	37	>APC-E771G-AELDAQHLSC	35	2
>APC-E911G-ELHCVTDERM	2440	>APC-E911G-GLHCVTDERM	181	2259
>APC-E911G-ELHCVTDERM	1470	>APC-E911G-GLHCVTDERM	251	1219
>APC-E911G-ELHCVTDERM	4639	>APC-E911G-GLHCVTDERM	367	4272
>APC-E911G-ELHCVTDER	178	>APC-E911G-GLHCVTDER	7461	7283
>APC-E911G-ELHCVTDER	7	>APC-E911G-GLHCVTDER	364	357
>APC-E911G-TELHCVTDER	617	>APC-E911G-TGLHCVTDER	484	133
>APC-E911G-TTELHCVTDE	611	>APC-E911G-TTGLHCVTDE	403	208
>APC-E911G-TTELHCVTDE	12	>APC-E911G-TTGLHCVTDE	19	7
>APC-E911G-STTELHCV	457	>APC-E911G-STTGLHCV	643	186
>APC-E911G-STTELHCV	134	>APC-E911G-STTGLHCV	300	166
>APC-E911G-STTELHCV	68	>APC-E911G-STTGLHCV	150	82
>APC-E911G-STTELHCV	283	>APC-E911G-STTGLHCV	1550	1267
>APC-E911G-STTELHCV	26	>APC-E911G-STTGLHCV	39	13
>APC-E911G-STTELHCV	33	>APC-E911G-STTGLHCV	22	11
>APC-E911G-STTELHCV	24	>APC-E911G-STTGLHCV	21	3
>APC-E911G-STTELHCV	44	>APC-E911G-STTGLHCV	203	159
>APC-E911G-SSGSTTEL	408	>APC-E911G-SSGTTGL	256	152
>APC-E911G-SSGSTTELH	319	>APC-E911G-SSGTTGLH	220	99
>APC-E911G-SSGSTTEL	462	>APC-E911G-SSGTTGL	423	39
>APC-E911G-RSSGSTTEL	74	>APC-E911G-RSSGTTGL	91	17
>APC-E911G-RSSGSTTEL	193	>APC-E911G-RSSGTTGL	535	342
>APC-E911G-RSSGSTTE	406	>APC-E911G-RSSGTTG	545	139
>APC-E911G-RSSGSTTEL	3	>APC-E911G-RSSGTTGL	3	0
>APC-E911G-RSSGSTTELH	235	>APC-E911G-RSSGTTGLH	166	69
>APC-E911G-RSSGSTTELH	920	>APC-E911G-RSSGTTGLH	469	451
>APC-E911G-RSSGSTTEL	40	>APC-E911G-RSSGTTGL	71	31
>APC-E911G-RSSGSTTELH	336	>APC-E911G-RSSGTTGLH	1350	1014
>APC-E911G-RSSGSTTELH	333	>APC-E911G-RSSGTTGLH	577	244



>APC-E911G-RSSGSTTEL	131	>APC-E911G-RSSGSTTGL	363	232
>APC-E911G-RSSGSTTELH	837	>APC-E911G-RSSGSTTGLH	246	591
>APC-E911G-RSSGSTTEL	345	>APC-E911G-RSSGSTTGL	314	31
>APC-E911G-DRSSGSTTEL	465	>APC-E911G-DRSSGSTTGL	776	311
>APC-F1197SFSKSSSGQSSI	675	>APC-F1197SSKSSSGQSSI	202	473
>APC-F1197SFSKSSSGQSSI	1101	>APC-F1197SSKSSSGQSSI	80	1021
>APC-F1197SFSKSSSGQS	8307	>APC-F1197SSKSSSGQS	455	7852
>APC-F1197SFSKSSSGQSS	6546	>APC-F1197SSKSSSGQSS	254	6292
>APC-F1197SFSKSSSGQSSI	56	>APC-F1197SSKSSSGQSSI	5	51
>APC-F1197SFSKSSSGQSSI	78	>APC-F1197SSKSSSGQSSI	270	192
>APC-F1197SFSKSSSGQSSI	472	>APC-F1197SSKSSSGQSSI	1775	1303
>APC-F1197SFSKSSSGQSSI	608	>APC-F1197SSKSSSGQSSI	455	153
>APC-F1197SFSKSSSGQ	5448	>APC-F1197SSKSSSGQ	452	4996
>APC-F1197SIPSSQKQSFSS	25	>APC-F1197SIPSSQKQSFSS	28019	27994
>APC-F1197SIPSSQKQSFSS	44	>APC-F1197SIPSSQKQSFSS	10429	10385
>APC-F1197SIPSSQKQSFSS	115	>APC-F1197SIPSSQKQSFSS	16611	16496
>APC-F1197SIPSSQKQSFSS	26	>APC-F1197SIPSSQKQSFSS	989	963
>APC-F1197SIPSSQKQSFSS	24	>APC-F1197SIPSSQKQSFSS	4934	4910
>APC-F1197SIPSSQKQSFSS	16	>APC-F1197SIPSSQKQSFSS	2277	2261
>APC-F1197SIPSSQKQSFSS	76	>APC-F1197SIPSSQKQSFSS	15494	15418
>APC-F1197SFSKSSSGQ	428	>APC-F1197SFSKSSSGQ	2527	2099
>APC-F1197SFSKSSSG	157	>APC-F1197SFSKSSSG	899	742
>APC-F1197SFSKSSSGQ	265	>APC-F1197SFSKSSSGQ	1337	1072
>APC-F1197SQSFSSKSS	380	>APC-F1197SQSFSSKSS	353	27
>APC-F1197SQSFSSKSSS	579	>APC-F1197SQSFSSKSSS	443	136
>APC-F1197SQSFSSKSSSC	406	>APC-F1197SQSFSSKSSSC	599	193
>APC-F1197KQSFSSK	48	>APC-F1197KQSFSSK	52	4
>APC-F1197KQSFSSK	12	>APC-F1197KQSFSSK	25	13
>APC-F1197KQSFSSK	39	>APC-F1197KQSFSSK	36	3
>APC-F1197KQSFSSK	58	>APC-F1197KQSFSSK	544	486
>APC-F1197KQSFSSK	132	>APC-F1197KQSFSSK	70	62
>APC-F1197KQSFSSKSS	189	>APC-F1197KQSFSSKSS	201	12
>APC-F1197KQSFSSKSSS	292	>APC-F1197KQSFSSKSSS	261	31
>APC-F1197KQKQSFSS	1826	>APC-F1197KQKQSFSS	479	1347
>APC-F1197KQKQSFSSK	277	>APC-F1197KQKQSFSSK	53	224
>APC-F1197KQKQSFSSKS	567	>APC-F1197KQKQSFSSKS	333	234
>APC-F1197SQKQSFSSK	648	>APC-F1197SQKQSFSSK	447	201
>APC-F1197SQKQSFSSK	28	>APC-F1197SQKQSFSSK	99	71
>APC-F1197SQKQSFSSK	17	>APC-F1197SQKQSFSSK	22	5
>APC-F1197SQKQSFSSK	449	>APC-F1197SQKQSFSSK	1483	1034
>APC-F1197SQKQSFSS	22	>APC-F1197SQKQSFSS	816	794
>APC-F1197SQKQSFSS	1036	>APC-F1197SQKQSFSS	169	867
>APC-F1197SQKQSFSS	109	>APC-F1197SQKQSFSS	13119	13010

>APC-F1197S SQKQSF SF	3	>APC-F1197S SQKQSF SS	1424	1421
>APC-F1197S SQKQSF SFS	541	>APC-F1197S SQKQSF SSS	148	393
>APC-F1197S SQKQSF SFSK	143	>APC-F1197S SQKQSF SSSK	46	97
>APC-F1197S SQKQSF SFSK	444	>APC-F1197S SQKQSF SSSK	2271	1827
>APC-F1197S SSQKQSF SFSI	325	>APC-F1197S SSQKQSF SSSI	377	52
>APC-F1197S SSQKQSF SFSI	7	>APC-F1197S SSQKQSF SSSI	11	4
>APC-F1197S SSQKQSF SFSI	20	>APC-F1197S SSQKQSF SSSI	23	3
>APC-F1197S SSQKQSF SFSI	204	>APC-F1197S SSQKQSF SSSI	953	749
>APC-F1197S SSQKQSF SF	114	>APC-F1197S SSQKQSF SS	14412	14298
>APC-F1197S SSQKQSF SFSI	361	>APC-F1197S SSQKQSF SSSI	506	145
>APC-F1197S SSQKQSF SF	67	>APC-F1197S SSQKQSF SS	12673	12606
>APC-F1197S SSQKQSF SF	88	>APC-F1197S SSQKQSF SS	17042	16954
>APC-F1197S SSQKQSF SF	7	>APC-F1197S SSQKQSF SS	11927	11920
>APC-F1197S SSQKQSF SF	232	>APC-F1197S SSQKQSF SS	20848	20616
>APC-F1197S SSQKQSF SF	108	>APC-F1197S SSQKQSF SS	7853	7745
>APC-F1197S SSQKQSF SF	413	>APC-F1197S SSQKQSF SS	25372	24959
>APC-F1197S SSQKQSF SFSI	86	>APC-F1197S SSQKQSF SSSI	230	144
>APC-F1197S PSSQKQSF SF	166	>APC-F1197S PSSQKQSF SS	20587	20421
>APC-F1197S PSSQKQSF SF	144	>APC-F1197S PSSQKQSF SS	15004	14860
>APC-F1354L FSSGAKSPSK	282	>APC-F1354L LSSGAKSPSK	202	80
>APC-F1354L FSSGAKSPSK	31	>APC-F1354L LSSGAKSPSK	27	4
>APC-F1354L FSSGAKSPSK	1035	>APC-F1354L LSSGAKSPSK	49	986
>APC-F1354L FSSGAKSPSK	89	>APC-F1354L LSSGAKSPSK	485	396
>APC-F1354L EFSSGAKSPSI	11258	>APC-F1354L ELSSGAKSPSI	440	10818
>APC-F1354L EFSSGAKSPSI	280	>APC-F1354L ELSSGAKSPSI	140	140
>APC-F1354L SESARHKAVE	1346	>APC-F1354L SESARHKAVE	309	1037
>APC-F1354L SESARHKAVE	97	>APC-F1354L SESARHKAVE	3153	3056
>APC-F1354L SESARHKAVE	252	>APC-F1354L SESARHKAVE	2756	2504
>APC-F1354L SESARHKAVE	872	>APC-F1354L SESARHKAVE	69	803
>APC-F1354L SESARHKAVE	751	>APC-F1354L SESARHKAVE	232	519
>APC-F1354L SESARHKAVE	116	>APC-F1354L SESARHKAVE	485	369
>APC-F1354L SESARHKAVE	183	>APC-F1354L SESARHKAVE	1356	1173
>APC-F1354L SESARHKAVE	884	>APC-F1354L SESARHKAVE	390	494
>APC-F1354L AVEFSSGAK	376	>APC-F1354L AVELSSGAK	897	521
>APC-F1354L AVEFSSGAK	64	>APC-F1354L AVELSSGAK	136	72
>APC-F1354L AVEFSSGAK	77	>APC-F1354L AVELSSGAK	178	101
>APC-F1354L KAVEFSSGA	348	>APC-F1354L KAVELSSGA	507	159
>APC-F1354L KAVEFSSGA	53	>APC-F1354L KAVELSSGA	103	50
>APC-F1354L KAVEFSSGAK	275	>APC-F1354L KAVELSSGAK	675	400
>APC-F1354L KAVEFSSGAK	255	>APC-F1354L KAVELSSGAK	608	353
>APC-F1354L KAVEFSSGAK	29	>APC-F1354L KAVELSSGAK	60	31
>APC-F1354L ARHKAVEF	11	>APC-F1354L ARHKAVEL	170	159
>APC-F1354L ARHKAVEF	140	>APC-F1354L ARHKAVEL	113	27

>APC-F1354L ARHKAVEF	7681	>APC-F1354L ARHKAVEL	411	7270
>APC-F1354L ARHKAVEF	1887	>APC-F1354L ARHKAVEL	366	1521
>APC-F1354L SARHKAVEF	1898	>APC-F1354L SARHKAVEL	122	1776
>APC-F1354L SARHKAVEFS	336	>APC-F1354L SARHKAVELS	1134	798
>APC-F1354L SARHKAVEFS	491	>APC-F1354L SARHKAVELS	317	174
>APC-F1354L SARHKAVEF	1152	>APC-F1354L SARHKAVEL	184	968
>APC-F1354L SARHKAVEF	1069	>APC-F1354L SARHKAVEL	248	821
>APC-F1354L SARHKAVEF	41	>APC-F1354L SARHKAVEL	781	740
>APC-F1354L SARHKAVEF	5	>APC-F1354L SARHKAVEL	15	10
>APC-F1354L ESARHKAVEF	44	>APC-F1354L ESARHKAVEL	456	412
>APC-F1354L ESARHKAVEF	278	>APC-F1354L ESARHKAVEL	5229	4951
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>APC-F1491L FATESTPDGF	143	>APC-F1491L LATESTPDGF	338	195
>APC-F1491L FATESTPDGF	26	>APC-F1491L LATESTPDGF	25	1
>APC-F1491L FATESTPDGF	188	>APC-F1491L LATESTPDGF	102	86
>APC-F1491L HFATESTPDG	13770	>APC-F1491L HLATESTPDG	396	13374
>APC-F1491L HFATESTPDG	96	>APC-F1491L HLATESTPDG	9317	9221
>APC-F1491L HFATESTPDG	5087	>APC-F1491L HLATESTPDG	435	4652
>APC-F1491L HFATESTPDG	850	>APC-F1491L HLATESTPDG	200	650
>APC-F1491L HFATESTPDG	1885	>APC-F1491L HLATESTPDG	164	1721
>APC-F1491L HFATESTPDG	387	>APC-F1491L HLATESTPDG	457	70
>APC-F1491L VLPDADTLLH	10465	>APC-F1491L VLPDADTLLH	83	10382
>APC-F1491L VLPDADTLLH	3098	>APC-F1491L VLPDADTLLH	37	3061
>APC-F1491L VLPDADTLLH	4289	>APC-F1491L VLPDADTLLH	50	4239
>APC-F1491L VLPDADTLLH	339	>APC-F1491L VLPDADTLLH	32	307
>APC-F1491L VLPDADTLLH	1907	>APC-F1491L VLPDADTLLH	24	1883
>APC-F1491L VLPDADTLLH	9414	>APC-F1491L VLPDADTLLH	35	9379
>APC-F1491L VLPDADTLLH	4936	>APC-F1491L VLPDADTLLH	12	4924
>APC-F1491L VLPDADTLLH	13169	>APC-F1491L VLPDADTLLH	107	13062
>APC-F1491L VLPDADTLLH	489	>APC-F1491L VLPDADTLLH	3	486
>APC-F1491L VLPDADTLLH	150	>APC-F1491L VLPDADTLLH	3789	3639
>APC-F1491L VLPDADTLLH	108	>APC-F1491L VLPDADTLLH	51	57
>APC-F1491L LLHFATEST	310	>APC-F1491L LLHLATEST	714	404
>APC-F1491L LLHFATEST	170	>APC-F1491L LLHLATEST	689	519
>APC-F1491L LLHFATEST	177	>APC-F1491L LLHLATEST	243	66
>APC-F1491L TLLHFATEST	278	>APC-F1491L TLLHLATEST	532	254
>APC-F1491L TLLHFATEST	321	>APC-F1491L TLLHLATEST	725	404
>APC-F1491L TLLHFATEST	100	>APC-F1491L TLLHLATEST	192	92
>APC-F1491L TLLHFATEST	460	>APC-F1491L TLLHLATEST	1097	637
>APC-F1491L DTLLHFAT	332	>APC-F1491L DTLLHLAT	1323	991
>APC-F1491L ADTLLHFAT	194	>APC-F1491L ADTLLHLAT	287	93
>APC-F1491L DADTLLHFA	238	>APC-F1491L DADTLLHLA	679	441
>APC-F1491L PDADTLLHF	9100	>APC-F1491L PDADTLLHL	443	8657

>APC-F1491L LPDADTLLHF	32	>APC-F1491L LPDADTLLHL	154	122
>APC-F1491L LPDADTLLHF	58	>APC-F1491L LPDADTLLHL	175	117
>APC-F1491L LPDADTLLHF	64	>APC-F1491L LPDADTLLHL	25	39
>APC-F1491L LPDADTLLHF	32	>APC-F1491L LPDADTLLHL	381	349
>APC-G1120IGINQNVSQSI	152	>APC-G1120IEINQNVSQSL	1246	1094
>APC-G1120IGINQNVSQSI	54	>APC-G1120IEINQNVSQSL	740	686
>APC-G1120IGINQNVSQSI	13892	>APC-G1120IEINQNVSQSL	150	13742
>APC-G1120IHGINQNVSQ	2361	>APC-G1120HEINQNVSQ	346	2015
>APC-G1120IHGINQNVSQ	23915	>APC-G1120HEINQNVSQ	285	23630
>APC-G1120IHGINQNVSQ	1244	>APC-G1120HEINQNVSQ	49	1195
>APC-G1120IHGINQNVSQ	18815	>APC-G1120HEINQNVSQ	8	18807
>APC-G1120IHGINQNV	39094	>APC-G1120HEINQNV	311	38783
>APC-G1120IHGINQNVSQ	37949	>APC-G1120HEINQNVSQ	482	37467
>APC-G1120IHGINQNVSQ	24699	>APC-G1120HEINQNVSQ	20	24679
>APC-G1120IHGINQNVSQ	38902	>APC-G1120HEINQNVSQ	309	38593
>APC-G1120IHGINQNVSQ	23531	>APC-G1120HEINQNVSQ	12	23519
>APC-G1120ISNHGINQNV	536	>APC-G1120ISNHEINQNV	455	81
>APC-G1120IRVGSNHGI	250	>APC-G1120IRVGSNHEI	115	135
>APC-G1120INRVGSNHGI	171	>APC-G1120INRVGSNHEI	99	72
>APC-G1120IETNRVGSNH	307	>APC-G1120IETNRVGSNHI	1775	1468
>APC-G1120IETNRVGSNH	9	>APC-G1120IETNRVGSNHI	9	0
>APC-G1120IETNRVGSNH	17	>APC-G1120IETNRVGSNHI	26	9
>APC-G1312IGTRSAEDPV	344	>APC-G1312IETRSAEDPV	5087	4743
>APC-G1312IGTRSAEDPV	9349	>APC-G1312IETRSAEDPV	32	9317
>APC-G1312IGTRSAEDPV	11679	>APC-G1312IETRSAEDPV	247	11432
>APC-G1312IGTRSAEDPV	13847	>APC-G1312IETRSAEDPV	68	13779
>APC-G1312IKIGTRSAEDP	376	>APC-G1312KIIETRSAEDP	826	450
>APC-G1312IKIGTRSAEDP	335	>APC-G1312KIIETRSAEDP	1181	846
>APC-G1312IKIGTRSAEDP	306	>APC-G1312KIIETRSAEDP	412	106
>APC-G1312IKIGTRSAEDP	189	>APC-G1312KIIETRSAEDP	1844	1655
>APC-G1312IKIGTRSAEDP	224	>APC-G1312KIIETRSAEDP	1125	901
>APC-G1312IKIGTRSAEDP	146	>APC-G1312KIIETRSAEDP	2565	2419
>APC-G1312IKIGTRSAEDP	144	>APC-G1312KIIETRSAEDP	354	210
>APC-G1312IKEKIGTRSA	87	>APC-G1312IKEKIIETRSA	274	187
>APC-G1312IKEKIGTRSA	67	>APC-G1312IKEKIIETRSA	162	95
>APC-G1312EIKEKIGTR	31	>APC-G1312EIKEKIIETR	34	3
>APC-G1312EIKEKIGTR	35	>APC-G1312EIKEKIIETR	18	17
>APC-G1312EIKEKIGTRSA	600	>APC-G1312EIKEKIIETRSA	456	144
>APC-G1312AEIKEKIGT	769	>APC-G1312AEIKEKIIET	286	483
>APC-G1312AEIKEKIGT	89	>APC-G1312AEIKEKIIET	69	20
>APC-G1312AEIKEKIGTRS	503	>APC-G1312AEIKEKIIETRS	465	38
>APC-G1312AEIKEKIGT	381	>APC-G1312AEIKEKIIET	354	27
>APC-G1339,GSSLSESAR	433	>APC-G1339,ASSLSSESAR	146	287

>APC-G1339,GSSLSESAR	232	>APC-G1339,ASSLSSESAR	82	150
>APC-G1339,GSSLSESAR	294	>APC-G1339,ASSLSSESAR	100	194
>APC-G1339,GSSLSESARF	1049	>APC-G1339,ASSLSSESARF	230	819
>APC-G1339,GSSLSESARF	496	>APC-G1339,ASSLSSESARF	1315	819
>APC-G1339,QGSSLSESAI	532	>APC-G1339,QASSLSSESAI	18	514
>APC-G1339,HPRTKSSRLQ	809	>APC-G1339,HPRTKSSRLQ	15	794
>APC-G1339,HPRTKSSRLQ	908	>APC-G1339,HPRTKSSRLQ	207	701
>APC-G1339,HPRTKSSRLQ	7450	>APC-G1339,HPRTKSSRLQ	287	7163
>APC-G1339,LQGSSLSES/	1541	>APC-G1339,LQASSLSSES/	93	1448
>APC-G1339,LQGSSLSES/	641	>APC-G1339,LQASSLSSES/	56	585
>APC-G1339,LQGSSLSES/	165	>APC-G1339,LQASSLSSES/	26	139
>APC-G1339,LQGSSLSS	865	>APC-G1339,LQASSLSS	465	400
>APC-G1339,LQGSSLSE	970	>APC-G1339,LQASSLSE	463	507
>APC-G1339,LQGSSLSES/	107	>APC-G1339,LQASSLSSES/	73	34
>APC-G1339,LQGSSLSS	1680	>APC-G1339,LQASSLSS	293	1387
>APC-G1339,LQGSSLSE	1844	>APC-G1339,LQASSLSE	443	1401
>APC-G1339,LQGSSLSES	1286	>APC-G1339,LQASSLSSES	223	1063
>APC-G1339,LQGSSLSES/	269	>APC-G1339,LQASSLSSES/	41	228
>APC-G1339,RLQGSSLSS	1029	>APC-G1339,RLQASSLSS	436	593
>APC-G1339,SRLQGSSL	146	>APC-G1339,SRLQASSL	181	35
>APC-G1339,SRLQGSSL	224	>APC-G1339,SRLQASSL	120	104
>APC-G1339,SRLQGSSL	45	>APC-G1339,SRLQASSL	37	8
>APC-G1339,SSRLQGSS	185	>APC-G1339,SSRLQASS	85	100
>APC-G1339,SSRLQGSSL	28	>APC-G1339,SSRLQASSL	27	1
>APC-G1339,SSRLQGSSLS	105	>APC-G1339,SSRLQASSLS	69	36
>APC-G1339,SSRLQGSSLS	34	>APC-G1339,SSRLQASSLS	30	4
>APC-G1339,SSRLQGSSL	141	>APC-G1339,SSRLQASSL	458	317
>APC-G1339,SSRLQGSSL	395	>APC-G1339,SSRLQASSL	888	493
>APC-G1339,SSRLQGSSL	6	>APC-G1339,SSRLQASSL	5	1
>APC-G1339,SSRLQGSSL	18	>APC-G1339,SSRLQASSL	15	3
>APC-G1339,SSRLQGSSL	468	>APC-G1339,SSRLQASSL	544	76
>APC-G1339,KSSRLQGSSL	390	>APC-G1339,KSSRLQASSL	247	143
>APC-G1339,KSSRLQGSSL	1029	>APC-G1339,KSSRLQASSL	256	773
>APC-G1339,KSSRLQGSSL	366	>APC-G1339,KSSRLQASSL	325	41
>APC-G1339,KSSRLQGSSL	23	>APC-G1339,KSSRLQASSL	10	13
>APC-G1339,KSSRLQGSSL	93	>APC-G1339,KSSRLQASSL	41	52
>APC-G1339,KSSRLQGSSL	108	>APC-G1339,KSSRLQASSL	120	12
>APC-G1339,KSSRLQGSSL	343	>APC-G1339,KSSRLQASSLS	433	90
>APC-G1339,KSSRLQGSSL	181	>APC-G1339,KSSRLQASSL	640	459
>APC-G1339,TKSSRLQGSSI	52	>APC-G1339,TKSSRLQASSI	49	3
>APC-G1339,TKSSRLQGSSI	375	>APC-G1339,TKSSRLQASSI	103	272
>APC-G1339,RTKSSRLQG	7	>APC-G1339,RTKSSRLQA	4	3
>APC-G1339,RTKSSRLQGS	18	>APC-G1339,RTKSSRLQAS	10	8

>APC-G1339,RTKSSRLQGS	11	>APC-G1339,RTKSSRLQAS!	7	4
>APC-G1339,RTKSSRLQG	711	>APC-G1339,RTKSSRLQA	213	498
>APC-G1357 GAKSPSKS	9312	>APC-G1357 RAKSPSKS	410	8902
>APC-G1357 GAKSPSKSG	7026	>APC-G1357 RAKSPSKSG	147	6879
>APC-G1357 GAKSPSKSGA	2462	>APC-G1357 RAKSPSKSGA	36	2426
>APC-G1357 GAKSPSKSGA	5999	>APC-G1357 RAKSPSKSGA	154	5845
>APC-G1357 SGAKSPSK	24386	>APC-G1357 SRAKSPSK	343	24043
>APC-G1357 ARHKAVEFSS	4228	>APC-G1357 ARHKAVEFSS	475	3753
>APC-G1357 ARHKAVEFSS	5163	>APC-G1357 ARHKAVEFSS	137	5026
>APC-G1357 SSGAKSPSK	281	>APC-G1357 SSRAKSPSK	110	171
>APC-G1357 SSGAKSPSK	42	>APC-G1357 SSRAKSPSK	231	189
>APC-G1357 SSGAKSPS	9273	>APC-G1357 SSRAKSPS	30	9243
>APC-G1357 SSGAKSPSK	33	>APC-G1357 SSRAKSPSK	3	30
>APC-G1357 SSGAKSPSKS	10944	>APC-G1357 SSRAKSPSKS	54	10890
>APC-G1357 SSGAKSPSKS	9495	>APC-G1357 SSRAKSPSKS	32	9463
>APC-G1357 FSSGAKSPSK	282	>APC-G1357 FSSRAKSPSK	488	206
>APC-G1357 FSSGAKSPSK	31	>APC-G1357 FSSRAKSPSK	54	23
>APC-G1357 FSSGAKSPSK	1035	>APC-G1357 FSSRAKSPSK	346	689
>APC-G1357 FSSGAKSPSK	89	>APC-G1357 FSSRAKSPSK	510	421
>APC-G1357 EFSSGAKSPSI	280	>APC-G1357 EFSSRAKSPSK	279	1
>APC-G1357 AVEFSSGAK	376	>APC-G1357 AVEFSSRAK	837	461
>APC-G1357 AVEFSSGAK	64	>APC-G1357 AVEFSSRAK	114	50
>APC-G1357 AVEFSSGAK	77	>APC-G1357 AVEFSSRAK	57	20
>APC-G1357 KAVEFSSGA	348	>APC-G1357 KAVEFSSRA	1122	774
>APC-G1357 KAVEFSSGA	53	>APC-G1357 KAVEFSSRA	303	250
>APC-G1357 KAVEFSSGAK	275	>APC-G1357 KAVEFSSRAK	233	42
>APC-G1357 KAVEFSSGAK	255	>APC-G1357 KAVEFSSRAK	227	28
>APC-G1357 KAVEFSSGAK	29	>APC-G1357 KAVEFSSRAK	24	5
>APC-G1357 KAVEFSSG	19092	>APC-G1357 KAVEFSSR	32	19060
>APC-G1357 KAVEFSSG	36592	>APC-G1357 KAVEFSSR	93	36499
>APC-G1357 KAVEFSSG	32478	>APC-G1357 KAVEFSSR	82	32396
>APC-G1357 HKAVEFSSG	2098	>APC-G1357 HKAVEFSSR	141	1957
>APC-G1357 HKAVEFSSGA	670	>APC-G1357 HKAVEFSSRA	269	401
>APC-G1357 RHKAVEFSSG	30375	>APC-G1357 RHKAVEFSSR	247	30128
>APC-G1365 KSGAQTPK	96	>APC-G1365 KSDAQTPK	167	71
>APC-G1365 KSGAQTPK	34	>APC-G1365 KSDAQTPK	34	0
>APC-G1365 KSGAQTPK	20	>APC-G1365 KSDAQTPK	142	122
>APC-G1365 KSGAQTPK	209	>APC-G1365 KSDAQTPK	971	762
>APC-G1365 PSKSGAQTPK	41	>APC-G1365 PSKSDAQTPK	141	100
>APC-G1365 SPSKSGAQ	459	>APC-G1365 SPSKSDAQ	3407	2948
>APC-G1365 SPSKSGAQT	251	>APC-G1365 SPSKSDAQT	3768	3517
>APC-G1365 AKSPSKSGA	495	>APC-G1365 AKSPSKSDA	360	135
>APC-G1416 GIISPSDL	4551	>APC-G1416 DIISPSDL	103	4448

>APC-G1416 SGIISPSDL	24935	>APC-G1416 SDIISPSDL	485	24450
>APC-G1416 VSGIISPSDL	101	>APC-G1416 VSDIISPSDL	47	54
>APC-G1416 VSGIISPSDL	299	>APC-G1416 VSDIISPSDL	584	285
>APC-G1416 MVSGIISPS	144	>APC-G1416 MVSDIISPS	66	78
>APC-G1416 MVSGIISPSDI	55	>APC-G1416 MVSDIISPSDI	35	20
>APC-G1416 MVSGIISPS	225	>APC-G1416 MVSDIISPS	72	153
>APC-G1416 MVSGIISPSDI	57	>APC-G1416 MVSDIISPSDI	27	30
>APC-G1416 MVSGIISPS	853	>APC-G1416 MVSDIISPS	190	663
>APC-G1416 MVSGIISPSDI	1119	>APC-G1416 MVSDIISPSDI	479	640
>APC-G1416 MVSGIISPSDI	69	>APC-G1416 MVSDIISPSDI	35	34
>APC-G1416 MVSGIISPS	7	>APC-G1416 MVSDIISPS	7	0
>APC-G1416 MVSGIISPSDI	32	>APC-G1416 MVSDIISPSDI	25	7
>APC-G1416 MVSGIISPSDI	367	>APC-G1416 MVSDIISPSDI	435	68
>APC-G1416 GMVSGIISPS	414	>APC-G1416 GMVSDIISPS	507	93
>APC-G1416 GMVSGIISPS	440	>APC-G1416 GMVSDIISPS	590	150
>APC-G1416 SGMVSGII	145	>APC-G1416 SGMVSDII	204	59
>APC-G1416 CSGMVSGI	21	>APC-G1416 CSGMVSDI	32	11
>APC-G1416 CSGMVSGII	13	>APC-G1416 CSGMVSDII	23	10
>APC-G1416 EPCSGMVSG	1282	>APC-G1416 EPCSGMVSDI	65	1217
>APC-G1416 SEPCSGMVSG	55	>APC-G1416 SEPCSGMVSDI	54	1
>APC-G1416 SEPCSGMVSG	34	>APC-G1416 SEPCSGMVSDI	37	3
>APC-G1466 GPKQAAVNA	159	>APC-G1466 EPKQAAVNA	748	589
>APC-G1466 GPKQAAVNA	2021	>APC-G1466 EPKQAAVNA	316	1705
>APC-G1466 SGPKQAAV	280	>APC-G1466 SEPKQAAV	9723	9443
>APC-G1466 SGPKQAAV	38205	>APC-G1466 SEPKQAAV	163	38042
>APC-G1466 SGPKQAAVNA	18789	>APC-G1466 SEPKQAAVNA	145	18644
>APC-G1466 ESGPKQAAV	78	>APC-G1466 ESEPKQAAV	171	93
>APC-G1466 RESGPKQAA	341	>APC-G1466 RESEPKQAA	1033	692
>APC-G1466 RESGPKQAA	223	>APC-G1466 RESEPKQAAV	259	36
>APC-G1466 RESGPKQA	93	>APC-G1466 RESEPKQA	159	66
>APC-G1466 RESGPKQAA	20	>APC-G1466 RESEPKQAA	31	11
>APC-G1466 RESGPKQAA	341	>APC-G1466 RESEPKQAAV	246	95
>APC-G1466 RESGPKQAA	138	>APC-G1466 RESEPKQAAV	106	32
>APC-G1466 AEKRESGPK	351	>APC-G1466 AEKRESEPK	2027	1676
>APC-G1466 AEKRESGPKC	59	>APC-G1466 AEKRESEPKQ	66	7
>APC-G1466 GPKQAAVNA	4415	>APC-G1466 RPKQAAVNA	106	4309
>APC-G1466 GPKQAAVNA	159	>APC-G1466 RPKQAAVNA	19	140
>APC-G1466 GPKQAAVNA	2021	>APC-G1466 RPKQAAVNA	172	1849
>APC-G1466 SGPKQAAV	280	>APC-G1466 SRPKQAAV	14985	14705
>APC-G1466 KAPTAEKRES	35414	>APC-G1466 KAPTAEKRES	487	34927
>APC-G1466 ESGPKQAAV	78	>APC-G1466 ESRPKQAAV	313	235
>APC-G1466 ESGPKQAAV	6219	>APC-G1466 ESRPKQAAV	227	5992
>APC-G1466 RESGPKQAA	341	>APC-G1466 RESRPKQAA	2275	1934

>APC-G1466I RESGPKQAA\	223	>APC-G1466I RESRPKQAA\	267	44
>APC-G1466I RESGPKQA	93	>APC-G1466I RESRPKQA	171	78
>APC-G1466I RESGPKQAA	20	>APC-G1466I RESRPKQAA	32	12
>APC-G1466I RESGPKQAA\	341	>APC-G1466I RESRPKQAA\	284	57
>APC-G1466I RESGPKQAA\	138	>APC-G1466I RESRPKQAA\	109	29
>APC-G1466I KRESGPKQ	519	>APC-G1466I KRESRPKQ	130	389
>APC-G1466I AEKRESGPK	351	>APC-G1466I AEKRESRPK	245	106
>APC-G1466I AEKRESGPKC	59	>APC-G1466I AEKRESRPKQ	68	9
>APC-G1466I TAEKRESG	35414	>APC-G1466I TAEKRESR	75	35339
>APC-G1466I PTAEKRESG	38339	>APC-G1466I PTAEKRESR	280	38059
>APC-G1499I GFSCSSSL	1003	>APC-G1499I RFSCSSSL	498	505
>APC-G1499I GFSCSSLSAL	318	>APC-G1499I RFSCSSLSAL	174	144
>APC-G1499I GFSCSSSL	1245	>APC-G1499I RFSCSSSL	88	1157
>APC-G1499I GFSCSSLSAL	1138	>APC-G1499I RFSCSSLSAL	95	1043
>APC-G1499I GFSCSSLSA	3710	>APC-G1499I RFSCSSLSA	60	3650
>APC-G1499I GFSCSSLSAL	4062	>APC-G1499I RFSCSSLSAL	402	3660
>APC-G1499I GFSCSSLSAL	362	>APC-G1499I RFSCSSLSAL	267	95
>APC-G1499I GFSCSSSL	3048	>APC-G1499I RFSCSSSL	324	2724
>APC-G1499I GFSCSSLSAL	2409	>APC-G1499I RFSCSSLSAL	267	2142
>APC-G1499I DGFSCSSSL	1711	>APC-G1499I DRFSCSSSL	94	1617
>APC-G1499I DGFSCSSSL	4416	>APC-G1499I DRFSCSSSL	53	4363
>APC-G1499I DGFSCSSSL	132	>APC-G1499I DRFSCSSSL	789	657
>APC-G1499I DGFSCSSSL	33641	>APC-G1499I DRFSCSSSL	364	33277
>APC-G1499I TPDGFSCSSSI	58	>APC-G1499I TPDRFSCSSSI	66	8
>APC-G1499I TPDGFSCSSSI	254	>APC-G1499I TPDRFSCSSSI	485	231
>APC-G1499I TPDGFSCSSSI	17	>APC-G1499I TPDRFSCSSSI	48	31
>APC-G1499I TPDGFSCSSSI	338	>APC-G1499I TPDRFSCSSSI	686	348
>APC-G1499I STPDGFSC	39	>APC-G1499I STPDRFSC	2441	2402
>APC-G1499I STPDGFSCS	95	>APC-G1499I STPDRFSCS	109	14
>APC-G1499I STPDGFSCSS	125	>APC-G1499I STPDRFSCSS	180	55
>APC-G1499I STPDGFSCSS!	137	>APC-G1499I STPDRFSCSS!	159	22
>APC-G1499I TESTPDGF	388	>APC-G1499I TESTPDRF	634	246
>APC-G1499I ATESTPDG	42018	>APC-G1499I ATESTPDR	364	41654
>APC-G1499I ATESTPDGF	19	>APC-G1499I ATESTPDRF	15	4
>APC-G1499I ATESTPDGF	112	>APC-G1499I ATESTPDRF	24	88
>APC-G1499I ATESTPDG	11850	>APC-G1499I ATESTPDR	177	11673
>APC-G1499I FATESTPDG	27826	>APC-G1499I FATESTPDR	14	27812
>APC-G1499I FATESTPDGF	143	>APC-G1499I FATESTPDRF	199	56
>APC-G1499I FATESTPDGF	26	>APC-G1499I FATESTPDRF	23	3
>APC-G1499I FATESTPDGF	188	>APC-G1499I FATESTPDRF	103	85
>APC-G1499I HFATESTPDG	1282	>APC-G1499I HFATESTPDR	278	1004
>APC-G1499I HFATESTPDG	96	>APC-G1499I HFATESTPDR	90	6
>APC-G1499I HFATESTPDG	35864	>APC-G1499I HFATESTPDR	122	35742



>APC-G1499IHFATESTPDG	387	>APC-G1499IHFATESTPDR	598	211
>APC-G1499IHFATESTPDG	30674	>APC-G1499IHFATESTPDR	36	30638
>APC-G1534IIMPPVQENDI	34763	>APC-G1534IIMPPVQENDI	204	34559
>APC-G53V-vGSIEDEAM	219	>APC-G53V-rVSIEDEAM	44	175
>APC-G53V-vGSIEDEAM	245	>APC-G53V-rVSIEDEAM	51	194
>APC-G53V-vGSIEDEAM	1382	>APC-G53V-rVSIEDEAM	275	1107
>APC-G53V-vQGSIEDEAM	246	>APC-G53V-rQVSIEDEAM	86	160
>APC-G53V-vNMKEVLKQLI	14420	>APC-G53V-rNMKEVLKQLI	232	14188
>APC-G53V-vNMKEVLKQLI	5953	>APC-G53V-rNMKEVLKQLI	9	5944
>APC-G53V-vNMKEVLKQLI	13790	>APC-G53V-rNMKEVLKQLI	23	13767
>APC-G53V-vNMKEVLKQLI	19852	>APC-G53V-rNMKEVLKQLI	98	19754
>APC-G53V-vNMKEVLKQLI	23911	>APC-G53V-rNMKEVLKQLI	192	23719
>APC-G53V-vNMKEVLKQLI	23353	>APC-G53V-rNMKEVLKQLI	143	23210
>APC-G53V-vNMKEVLKQLI	24608	>APC-G53V-rNMKEVLKQLI	8	24600
>APC-G53V-vLQGSIEDEA	732	>APC-G53V-rLQVSIEDEA	195	537
>APC-G53V-vLQGSIEDEAM	768	>APC-G53V-rLQVSIEDEAM	419	349
>APC-G53V-vLQGSIEDEA	2803	>APC-G53V-rLQVSIEDEA	187	2616
>APC-G53V-vLQGSIEDEAM	2223	>APC-G53V-rLQVSIEDEAM	155	2068
>APC-G53V-vLQGSIEDEAM	151	>APC-G53V-rLQVSIEDEAM	131	20
>APC-G53V-vLQGSIEDEAM	408	>APC-G53V-rLQVSIEDEAM	54	354
>APC-G53V-vQLQGSIEDEA	63	>APC-G53V-rQLQVSIEDEA	450	387
>APC-G53V-vQLQGSIEDEA	398	>APC-G53V-rQLQVSIEDEA	622	224
>APC-G53V-vKQLQGSIEDE	31	>APC-G53V-rKQLQVSIEDE	30	1
>APC-G53V-vLKQLQGSI	1008	>APC-G53V-rLKQLQVSI	202	806
>APC-G53V-vVLKQLQGSI	1405	>APC-G53V-rVLKQLQVSI	330	1075
>APC-G53V-vVLKQLQGSI	70	>APC-G53V-rVLKQLQVSI	133	63
>APC-G53V-vVLKQLQGSI	952	>APC-G53V-rVLKQLQVSI	290	662
>APC-G53V-vVLKQLQGSI	127	>APC-G53V-rVLKQLQVSI	13	114
>APC-G53V-vVLKQLQGSI	9053	>APC-G53V-rVLKQLQVSI	426	8627
>APC-G53V-vEVLKQLQG	24383	>APC-G53V-rEVLKQLQV	437	23946
>APC-G53V-vEVLKQLQG	25016	>APC-G53V-rEVLKQLQV	267	24749
>APC-G53V-vEVLKQLQG	35097	>APC-G53V-rEVLKQLQV	187	34910
>APC-G53V-vEVLKQLQGSI	426	>APC-G53V-rEVLKQLQVSI	751	325
>APC-G53V-vEVLKQLQGSI	257	>APC-G53V-rEVLKQLQVSI	556	299
>APC-G53V-vEVLKQLQGSI	5158	>APC-G53V-rEVLKQLQVSI	480	4678
>APC-G53V-vEVLKQLQG	19660	>APC-G53V-rEVLKQLQV	191	19469
>APC-G53V-vEVLKQLQG	9674	>APC-G53V-rEVLKQLQV	6	9668
>APC-G53V-vEVLKQLQGSI	26	>APC-G53V-rEVLKQLQVSI	23	3
>APC-G53V-vKEVLKQLQGS	32	>APC-G53V-rKEVLKQLQVS	58	26
>APC-G53V-vKEVLKQLQGS	347	>APC-G53V-rKEVLKQLQVS	197	150
>APC-G53V-vKEVLKQLQG	6530	>APC-G53V-rKEVLKQLQV	98	6432
>APC-G53V-vKEVLKQLQGS	76	>APC-G53V-rKEVLKQLQVS	33	43
>APC-G53V-vKEVLKQLQG	5399	>APC-G53V-rKEVLKQLQV	30	5369

>APC-G53V-v KEVLKQLQGS	12	>APC-G53V-r KEVLKQLQVS	10	2
>APC-G817C·GNMTVLSPYI	227	>APC-G817C·CNMTVLSPYL	510	283
>APC-G817C·GNMTVLSPY	534	>APC-G817C·CNMTVLSPY	463	71
>APC-G817C·GNMTVLSPY	296	>APC-G817C·CNMTVLSPY	934	638
>APC-G817C·GNMTVLSPY	761	>APC-G817C·CNMTVLSPY	374	387
>APC-G817C·GNMTVLSPY	26	>APC-G817C·CNMTVLSPY	564	538
>APC-G817C·TGNMTVLSP\	3960	>APC-G817C·TCNMTVLSP\	434	3526
>APC-G817C·TGNMTVLSP\	325	>APC-G817C·TCNMTVLSP\	157	168
>APC-G817C·TGNMTVLSP\	3220	>APC-G817C·TCNMTVLSP\	422	2798
>APC-G817C·TGNMTVLSP\	173	>APC-G817C·TCNMTVLSP\	2646	2473
>APC-G817C·NTGNMTVLS	129	>APC-G817C·NTCNMTVLSI	233	104
>APC-G817C·NTGNMTVLS	1590	>APC-G817C·NTCNMTVLSI	372	1218
>APC-G817C·NTGNMTVLS	343	>APC-G817C·NTCNMTVLSI	90	253
>APC-G817C·NTGNMTVLS	107	>APC-G817C·NTCNMTVLSI	38	69
>APC-G817C·NTGNMTVLS	60	>APC-G817C·NTCNMTVLSI	36	24
>APC-G817C·NTGNMTVLS	170	>APC-G817C·NTCNMTVLSI	190	20
>APC-G817C·NTGNMTVLS	432	>APC-G817C·NTCNMTVLSI	310	122
>APC-G817C·NTGNMTVLS	596	>APC-G817C·NTCNMTVLSI	146	450
>APC-G817C·NTGNMTVL	733	>APC-G817C·NTCNMTVL	317	416
>APC-G817C·NTGNMTVLS	69	>APC-G817C·NTCNMTVLSI	134	65
>APC-G817C·NTGNMTVLS	303	>APC-G817C·NTCNMTVLSI	192	111
>APC-G817C·NTGNMTVLS	745	>APC-G817C·NTCNMTVLSI	95	650
>APC-G817C·NTGNMTVLS	1005	>APC-G817C·NTCNMTVLSI	496	509
>APC-G817C·NTGNMTVLS	95	>APC-G817C·NTCNMTVLSI	48	47
>APC-G817C·FNTGNMTVL	298	>APC-G817C·FNTCNMTVL	19	279
>APC-G817C·FNTGNMTV	277	>APC-G817C·FNTCNMTV	3883	3606
>APC-G817C·FNTGNMTV	317	>APC-G817C·FNTCNMTV	131	186
>APC-G817C·FNTGNMTVL	423	>APC-G817C·FNTCNMTVL	2023	1600
>APC-G817C·NFNTGNMTV	495	>APC-G817C·NFNTCNMTV	2913	2418
>APC-G817C·NFNTGNMTV	218	>APC-G817C·NFNTCNMTV	858	640
>APC-G817C·DNFNTGNMT	1138	>APC-G817C·DNFNTCNMT	372	766
>APC-G817C·SDNFNTGNV	197	>APC-G817C·SDNFNTCNM	216	19
>APC-G817C·RSDNFNTGN	17	>APC-G817C·RSDNFNTCNI	17	0
>APC-G817C·RSDNFNTGN	1141	>APC-G817C·RSDNFNTCNI	297	844
>APC-G817C·RSDNFNTGN	27	>APC-G817C·RSDNFNTCNI	42	15
>APC-H1375'HYVQETPL	198	>APC-H1375'YYVQETPL	126	72
>APC-H1375'HYVQETPL	1056	>APC-H1375'YYVQETPL	257	799
>APC-H1375'HYVQETPLM	787	>APC-H1375'YYVQETPLM	187	600
>APC-H1375'HYVQETPLMI	41	>APC-H1375'YYVQETPLMI	12	29
>APC-H1375'HYVQETPL	1861	>APC-H1375'YYVQETPL	470	1391
>APC-H1375'HYVQETPLM	1356	>APC-H1375'YYVQETPLM	232	1124
>APC-H1375'HYVQETPLMI	53	>APC-H1375'YYVQETPLMI	26	27
>APC-H1375'HYVQETPL	45	>APC-H1375'YYVQETPL	16	29

>APC-H1375'HYVQETPLM	61	>APC-H1375'YYVQETPLM	17	44
>APC-H1375'HYVQETPLMI	4	>APC-H1375'YYVQETPLMF	3	1
>APC-H1375'HYVQETPLMI	834	>APC-H1375'YYVQETPLMF	221	613
>APC-H1375'HYVQETPLM	303	>APC-H1375'YYVQETPLM	139	164
>APC-H1375'HYVQETPLM	2869	>APC-H1375'YYVQETPLM	353	2516
>APC-H1375'HYVQETPLMI	77	>APC-H1375'YYVQETPLMF	39	38
>APC-H1375'HYVQETPLMI	754	>APC-H1375'YYVQETPLMF	187	567
>APC-H1375'HYVQETPL	464	>APC-H1375'YYVQETPL	379	85
>APC-H1375'EHYVQETPL	684	>APC-H1375'EYYVQETPL	491	193
>APC-H1375'EHYVQETPL	6836	>APC-H1375'EYYVQETPL	149	6687
>APC-H1375'EHYVQETPLM	3170	>APC-H1375'EYYVQETPLM	94	3076
>APC-H1375'EHYVQETPLM	4755	>APC-H1375'EYYVQETPLM	206	4549
>APC-H1375'EHYVQETPLM	8207	>APC-H1375'EYYVQETPLM	21	8186
>APC-H1375'EHYVQETPLM	62	>APC-H1375'EYYVQETPLM	477	415
>APC-H1375'EHYVQETP	494	>APC-H1375'EYYVQETP	9436	8942
>APC-H1375'EHYVQETPL	84	>APC-H1375'EYYVQETPL	2575	2491
>APC-H1375'EHYVQETPLM	217	>APC-H1375'EYYVQETPLM	4125	3908
>APC-H1375'EHYVQETPL	105	>APC-H1375'EYYVQETPL	6023	5918
>APC-H1375'GAQTPKSPPE	18489	>APC-H1375'GAQTPKSPPE	324	18165
>APC-H1375'GAQTPKSPPE	17286	>APC-H1375'GAQTPKSPPE	276	17010
>APC-H1375'GAQTPKSPPE	4464	>APC-H1375'GAQTPKSPPE	298	4166
>APC-H1375'PEHYVQETPL	2231	>APC-H1375'PEYYVQETPL	328	1903
>APC-H1375'PEHYVQETPL	895	>APC-H1375'PEYYVQETPL	72	823
>APC-H1375'PEHYVQETPL	210	>APC-H1375'PEYYVQETPL	97	113
>APC-H1375'PEHYVQETPL	228	>APC-H1375'PEYYVQETPL	87	141
>APC-H1375'KSPPEHYV	436	>APC-H1375'KSPPEYYV	334	102
>APC-H1375'KSPPEHYV	514	>APC-H1375'KSPPEYYV	471	43
>APC-H1375'KSPPEHYV	40	>APC-H1375'KSPPEYYV	57	17
>APC-H1375'KSPPEHYVQ	23	>APC-H1375'KSPPEYYVQ	35	12
>APC-H1375'KSPPEHYVQE	235	>APC-H1375'KSPPEYYVQE	247	12
>APC-H1375'PKSPPEHY	190	>APC-H1375'PKSPPEYY	190	0
>APC-H1375'TPKSPPEHYV	100	>APC-H1375'TPKSPPEYYV	90	10
>APC-H1375'TPKSPPEHYV	137	>APC-H1375'TPKSPPEYYV	55	82
>APC-H1375'TPKSPPEH	2858	>APC-H1375'TPKSPPEY	100	2758
>APC-H1375'TPKSPPEHYV	818	>APC-H1375'TPKSPPEYYV	92	726
>APC-H1375'QTPKSPPEHY	274	>APC-H1375'QTPKSPPEYY	260	14
>APC-H1375'QTPKSPPEHY	238	>APC-H1375'QTPKSPPEYY	209	29
>APC-H1375'QTPKSPPEH	8547	>APC-H1375'QTPKSPPEY	84	8463
>APC-H1375'QTPKSPPEHY	32	>APC-H1375'QTPKSPPEYY	37	5
>APC-H1375'QTPKSPPEH	9358	>APC-H1375'QTPKSPPEY	272	9086
>APC-H1375'QTPKSPPEHY	125	>APC-H1375'QTPKSPPEYY	128	3
>APC-H1375'QTPKSPPEHY	337	>APC-H1375'QTPKSPPEYY	106	231
>APC-H1375'QTPKSPPEHY	751	>APC-H1375'QTPKSPPEYY	366	385

>APC-H1375' QTPKSPPEHY	25	>APC-H1375' QTPKSPPEYY'	22	3
>APC-H1375' QTPKSPPEHY	75	>APC-H1375' QTPKSPPEYY'	152	77
>APC-H1375' QTPKSPPEH	10004	>APC-H1375' QTPKSPPEY	89	9915
>APC-H1375' QTPKSPPEHY	293	>APC-H1375' QTPKSPPEYY	229	64
>APC-H1375' QTPKSPPEHY	835	>APC-H1375' QTPKSPPEYY	109	726
>APC-H1375' QTPKSPPEHY	9	>APC-H1375' QTPKSPPEYY'	8	1
>APC-H1375' QTPKSPPEHY	106	>APC-H1375' QTPKSPPEYY	42	64
>APC-H1375' AQTPKSPPEH	410	>APC-H1375' AQTPKSPPEY	198	212
>APC-H1375' AQTPKSPPEH	6257	>APC-H1375' AQTPKSPPEY	175	6082
>APC-H1375' AQTPKSPPEH	87	>APC-H1375' AQTPKSPPEY	203	116
>APC-H1375' AQTPKSPPEH	1009	>APC-H1375' AQTPKSPPEY	14	995
>APC-H1375' AQTPKSPPEH	22	>APC-H1375' AQTPKSPPEY	21	1
>APC-H1490' HFATESTPDG	1282	>APC-H1490' YFATESTPDG	363	919
>APC-H1490' HFATESTPDG	1846	>APC-H1490' YFATESTPDG	461	1385
>APC-H1490' HFATESTPDG	96	>APC-H1490' YFATESTPDG	24	72
>APC-H1490' HFATESTPDG	850	>APC-H1490' YFATESTPDG	372	478
>APC-H1490' HFATESTPDG	387	>APC-H1490' YFATESTPDG	202	185
>APC-H1490' LHFATESTP	11418	>APC-H1490' LYFATESTP	190	11228
>APC-H1490' QVLPDADTLL	10909	>APC-H1490' QVLPDADTLL	240	10669
>APC-H1490' QVLPDADTLL	507	>APC-H1490' QVLPDADTLL	11	496
>APC-H1490' QVLPDADTLL	17828	>APC-H1490' QVLPDADTLL	384	17444
>APC-H1490' QVLPDADTLL	2118	>APC-H1490' QVLPDADTLL	19	2099
>APC-H1490' QVLPDADTLL	16772	>APC-H1490' QVLPDADTLL	205	16567
>APC-H1490' QVLPDADTLL	4357	>APC-H1490' QVLPDADTLL	197	4160
>APC-H1490' QVLPDADTLL	5362	>APC-H1490' QVLPDADTLL	344	5018
>APC-H1490' LLHFATES	1560	>APC-H1490' LLYFATES	284	1276
>APC-H1490' LLHFATEST	310	>APC-H1490' LLYFATEST	77	233
>APC-H1490' LLHFATES	1121	>APC-H1490' LLYFATES	151	970
>APC-H1490' LLHFATEST	170	>APC-H1490' LLYFATEST	28	142
>APC-H1490' LLHFATES	3067	>APC-H1490' LLYFATES	315	2752
>APC-H1490' LLHFATEST	637	>APC-H1490' LLYFATEST	51	586
>APC-H1490' LLHFATEST	6011	>APC-H1490' LLYFATEST	410	5601
>APC-H1490' LLHFATEST	5105	>APC-H1490' LLYFATEST	376	4729
>APC-H1490' LLHFATES	1211	>APC-H1490' LLYFATES	245	966
>APC-H1490' LLHFATEST	177	>APC-H1490' LLYFATEST	45	132
>APC-H1490' TLLHFATEST	278	>APC-H1490' TLLYFATEST	158	120
>APC-H1490' TLLHFATEST	321	>APC-H1490' TLLYFATEST	125	196
>APC-H1490' TLLHFATEST	100	>APC-H1490' TLLYFATEST	62	38
>APC-H1490' TLLHFATEST	924	>APC-H1490' TLLYFATEST	486	438
>APC-H1490' TLLHFATEST	460	>APC-H1490' TLLYFATEST	1009	549
>APC-H1490' DTLLHFAT	332	>APC-H1490' DTLLYFAT	161	171
>APC-H1490' DTLLHFATES	670	>APC-H1490' DTLLYFATEST	362	308
>APC-H1490' ADTLLHFAT	194	>APC-H1490' ADTLLYFAT	195	1

>APC-H1490' ADTLLHFAT	530	>APC-H1490' ADTLLYFAT	473	57
>APC-H1490' ADTLLHFA	1147	>APC-H1490' ADTLLYFA	374	773
>APC-H1490' DADTLLHFA	238	>APC-H1490' DADTLLYFA	596	358
>APC-H1490' PDADTLLH	9753	>APC-H1490' PDADTLLY	114	9639
>APC-H1490' LPDADTLLHF	756	>APC-H1490' LPDADTLLYF	91	665
>APC-H1490' LPDADTLLH	18518	>APC-H1490' LPDADTLLY	151	18367
>APC-H1490' LPDADTLLH	10847	>APC-H1490' LPDADTLLY	305	10542
>APC-H1490' LPDADTLLH	9770	>APC-H1490' LPDADTLLY	46	9724
>APC-H1490' LPDADTLLH	162	>APC-H1490' LPDADTLLY	12	150
>APC-H1490' LPDADTLLHF	32	>APC-H1490' LPDADTLLYF	55	23
>APC-H1490' LPDADTLLH	1573	>APC-H1490' LPDADTLLY	14	1559
>APC-H1490' LPDADTLLHF	58	>APC-H1490' LPDADTLLYF	88	30
>APC-H1490' LPDADTLLHF	64	>APC-H1490' LPDADTLLYF	48	16
>APC-H1490' LPDADTLLH	7173	>APC-H1490' LPDADTLLY	59	7114
>APC-H1490' LPDADTLLHF	32	>APC-H1490' LPDADTLLYF	42	10
>APC-H1490' VLPDADTLLH	14703	>APC-H1490' VLPDADTLLY	79	14624
>APC-H1490' VLPDADTLLH	339	>APC-H1490' VLPDADTLLY	197	142
>APC-H1490' VLPDADTLLH	1907	>APC-H1490' VLPDADTLLY	267	1640
>APC-H1490' VLPDADTLLH	489	>APC-H1490' VLPDADTLLY	214	275
>APC-H1490' VLPDADTLLH	19172	>APC-H1490' VLPDADTLLY	134	19038
>APC-H1490' VLPDADTLLH	25484	>APC-H1490' VLPDADTLLY	383	25101
>APC-H1490' VLPDADTLLH	7020	>APC-H1490' VLPDADTLLY	70	6950
>APC-H1490' VLPDADTLLH	150	>APC-H1490' VLPDADTLLY	425	275
>APC-H1490' VLPDADTLLH	108	>APC-H1490' VLPDADTLLY	22	86
>APC-H464Q HAMNELGGL	168	>APC-H464Q QAMNELGGL	1534	1366
>APC-H464Q HAMNELGGL	357	>APC-H464Q QAMNELGGL	520	163
>APC-H464Q HAMNELGGL	299	>APC-H464Q QAMNELGGL	1044	745
>APC-H464Q RHAMNELGC	13296	>APC-H464Q RQAMNELGC	395	12901
>APC-H464Q RHAMNELGC	21444	>APC-H464Q RQAMNELGC	442	21002
>APC-H464Q RHAMNELGC	2670	>APC-H464Q RQAMNELGC	255	2415
>APC-H464Q RHAMNELGC	9644	>APC-H464Q RQAMNELGC	245	9399
>APC-H464Q HRHAMNEL	226	>APC-H464Q HRQAMNEL	196	30
>APC-H464Q HRHAMNELC	241	>APC-H464Q HRQAMNELC	201	40
>APC-H464Q HRHAMNELC	85	>APC-H464Q HRQAMNELC	76	9
>APC-H464Q HRHAMNEL	39	>APC-H464Q HRQAMNEL	73	34
>APC-H464Q HRHAMNELC	333	>APC-H464Q HRQAMNELC	707	374
>APC-H464Q HRHAMNEL	819	>APC-H464Q HRQAMNEL	279	540
>APC-H464Q HRHAMNELC	1136	>APC-H464Q HRQAMNELC	308	828
>APC-H464Q HRHAMNELC	881	>APC-H464Q HRQAMNELC	233	648
>APC-H464Q HRHAMNEL	995	>APC-H464Q HRQAMNEL	398	597
>APC-H464Q HRHAMNELC	81	>APC-H464Q HRQAMNELC	22	59
>APC-H464Q EEHRHAMNE	127	>APC-H464Q EEHRQAMNE	77	50
>APC-H464Q EEHRHAMN	232	>APC-H464Q EEHRQAMN	602	370

>APC-H464Q DEEHRHAMM	280	>APC-H464Q DEEHRQAMM	184	96
>APC-H464Q DEEHRHAM	41	>APC-H464Q DEEHRQAM	150	109
>APC-H464Q FDEEHRHAM	300	>APC-H464Q FDEEHRQAM	1987	1687
>APC-H464Q LSFDEEHRHA	600	>APC-H464Q LSFDEEHRQA	342	258
>APC-H464Q LSFDEEHRHA	361	>APC-H464Q LSFDEEHRQA	291	70
>APC-H464Q LSFDEEHRHA	94	>APC-H464Q LSFDEEHRQA	52	42
>APC-H464Q LSFDEEHRHA	19	>APC-H464Q LSFDEEHRQA	19	0
>APC-H464Q LSFDEEHRHA	107	>APC-H464Q LSFDEEHRQA	113	6
>APC-H464Q LSFDEEHRHA	410	>APC-H464Q LSFDEEHRQA	1582	1172
>APC-H464Q LSFDEEHRHA	233	>APC-H464Q LSFDEEHRQA	211	22
>APC-H464Q KLSFDEEHRH	422	>APC-H464Q KLSFDEEHRQ	364	58
>APC-H464Q KLSFDEEHRH	418	>APC-H464Q KLSFDEEHRQ	352	66
>APC-H464Q KLSFDEEHRH	11647	>APC-H464Q KLSFDEEHRQ	378	11269
>APC-H464Q KLSFDEEHRH	647	>APC-H464Q KLSFDEEHRQ	310	337
>APC-I1254F INQETIQTY	502	>APC-I1254F FNQETIQTY	251	251
>APC-I1254F INQETIQTY	603	>APC-I1254F FNQETIQTY	96	507
>APC-I1254F INQETIQTY	356	>APC-I1254F FNQETIQTY	264	92
>APC-I1254F INQETIQTY	231	>APC-I1254F FNQETIQTY	186	45
>APC-I1254F SINQETIQTY	202	>APC-I1254F SFNQETIQTY	4743	4541
>APC-I1254F SINQETIQTY	2546	>APC-I1254F SFNQETIQTY	360	2186
>APC-I1254F SINQETIQTY	193	>APC-I1254F SFNQETIQTY	432	239
>APC-I1254F SINQETIQTY	94	>APC-I1254F SFNQETIQTY	787	693
>APC-I1254F SINQETIQTY	62	>APC-I1254F SFNQETIQTY	292	230
>APC-I1254F QKAATCKVSS	482	>APC-I1254F QKAATCKVSS	13991	13509
>APC-I1254F QKAATCKVSS	347	>APC-I1254F QKAATCKVSS	10823	10476
>APC-I1254F QKAATCKVSS	24	>APC-I1254F QKAATCKVSS	3	21
>APC-I1254F SSINQETI	312	>APC-I1254F SSFNQETI	1058	746
>APC-I1254F SSINQETIQTY	1347	>APC-I1254F SSFNQETIQT'	301	1046
>APC-I1254F SSINQETIQTY	26	>APC-I1254F SSFNQETIQT'	2229	2203
>APC-I1254F SSINQETIQTY	710	>APC-I1254F SSFNQETIQT'	470	240
>APC-I1254F SSINQETIQTY	138	>APC-I1254F SSFNQETIQT'	69	69
>APC-I1254F SSINQETI	159	>APC-I1254F SSFNQETI	26	133
>APC-I1254F SSINQETIQTY	1611	>APC-I1254F SSFNQETIQT'	184	1427
>APC-I1254F SSINQETIQTY	119	>APC-I1254F SSFNQETIQT'	93	26
>APC-I1254F SSINQETI	2283	>APC-I1254F SSFNQETI	499	1784
>APC-I1254F SSINQETIQTY	69	>APC-I1254F SSFNQETIQT'	14	55
>APC-I1254F SSINQETI	331	>APC-I1254F SSFNQETI	120	211
>APC-I1254F SSINQETIQTY	7	>APC-I1254F SSFNQETIQT'	5	2
>APC-I1254F SSINQETIQTY	385	>APC-I1254F SSFNQETIQT'	259	126
>APC-I1254F SSINQETIQTY	1166	>APC-I1254F SSFNQETIQT'	327	839
>APC-I1254F SSINQETIQTY	34	>APC-I1254F SSFNQETIQT'	7	27
>APC-I1254F SSINQETIQTY	470	>APC-I1254F SSFNQETIQT'	497	27
>APC-I1254F SSINQETI	48	>APC-I1254F SSFNQETI	14	34

>APC-I1254F VSSINQETI	44	>APC-I1254F VSSFNQETI	186	142
>APC-I1254F VSSINQETI	1971	>APC-I1254F VSSFNQETI	278	1693
>APC-I1254F VSSINQETI	119	>APC-I1254F VSSFNQETI	326	207
>APC-I1254F VSSINQETI	90	>APC-I1254F VSSFNQETI	120	30
>APC-I1254F VSSINQETI	82	>APC-I1254F VSSFNQETI	135	53
>APC-I1254F KVSSINQETI	278	>APC-I1254F KVSSFNQETI	98	180
>APC-I1254F KVSSINQETI	13	>APC-I1254F KVSSFNQETI	12	1
>APC-I1254F KVSSINQETI	229	>APC-I1254F KVSSFNQETI	200	29
>APC-I1254F CKVSSINQET	1093	>APC-I1254F CKVSSFNQET	487	606
>APC-I1254F CKVSSINQETI	76	>APC-I1254F CKVSSFNQET	55	21
>APC-I1254F ATCKVSSI	3085	>APC-I1254F ATCKVSSF	80	3005
>APC-I1254F ATCKVSSI	135	>APC-I1254F ATCKVSSF	88	47
>APC-I1254F ATCKVSSI	3681	>APC-I1254F ATCKVSSF	62	3619
>APC-I1254F ATCKVSSI	2696	>APC-I1254F ATCKVSSF	108	2588
>APC-I1254F ATCKVSSI	118	>APC-I1254F ATCKVSSF	6	112
>APC-I1254F ATCKVSSI	2356	>APC-I1254F ATCKVSSF	260	2096
>APC-I1254F ATCKVSSIN	230	>APC-I1254F ATCKVSSFN	293	63
>APC-I1254F ATCKVSSI	17	>APC-I1254F ATCKVSSF	2809	2792
>APC-I1254F AATCKVSSI	361	>APC-I1254F AATCKVSSF	14289	13928
>APC-I1254F AATCKVSSI	1223	>APC-I1254F AATCKVSSF	30	1193
>APC-I1254F AATCKVSSI	399	>APC-I1254F AATCKVSSF	16	383
>APC-I1254F AATCKVSSI	1434	>APC-I1254F AATCKVSSF	129	1305
>APC-I1254F AATCKVSSI	243	>APC-I1254F AATCKVSSF	21406	21163
>APC-I1254F KAATCKVSSI	9060	>APC-I1254F KAATCKVSSF	299	8761
>APC-I1254F KAATCKVSSI	464	>APC-I1254F KAATCKVSSF	12	452
>APC-I1254F KAATCKVSSI	386	>APC-I1254F KAATCKVSSF	24	362
>APC-I1254F KAATCKVSSI	5753	>APC-I1254F KAATCKVSSF	340	5413
>APC-I1254F KAATCKVSSI	256	>APC-I1254F KAATCKVSSF	40	216
>APC-I1254F KAATCKVSSI	117	>APC-I1254F KAATCKVSSF	26308	26191
>APC-I1259T IQTYCVEDTPI	106	>APC-I1259T TQTYCVEDTP	222	116
>APC-I1259T IQTYCVEDTPI	47	>APC-I1259T TQTYCVEDTP	365	318
>APC-I1259T CKVSSINQETI	76	>APC-I1259T CKVSSINQET	1759	1683
>APC-I1259T ETIQTYCV	29	>APC-I1259T ETTQTYCV	873	844
>APC-I1259T ETIQTYCVED	233	>APC-I1259T ETTQTYCVED	3575	3342
>APC-I1259T ETIQTYCV	222	>APC-I1259T ETTQTYCV	1869	1647
>APC-I1259T ETIQTYCV	6	>APC-I1259T ETTQTYCV	10	4
>APC-I1259T ETIQTYCV	7	>APC-I1259T ETTQTYCV	21	14
>APC-I1259T QETIQTYCV	25	>APC-I1259T QETTQTYCV	18	7
>APC-I1259T QETIQTYCV	60	>APC-I1259T QETTQTYCV	61	1
>APC-I1259T QETIQTYCV	64	>APC-I1259T QETTQTYCV	29	35
>APC-I1259T NQETIQTY	522	>APC-I1259T NQETTQTY	223	299
>APC-I1259T NQETIQTY	584	>APC-I1259T NQETTQTY	287	297
>APC-I1259T NQETIQTYCV	748	>APC-I1259T NQETTQTYC\	304	444

>APC-I1259T INQETIQTY	502	>APC-I1259T INQETTQTY	403	99
>APC-I1259T INQETIQTY	603	>APC-I1259T INQETTQTY	286	317
>APC-I1259T INQETIQTY	356	>APC-I1259T INQETTQTY	287	69
>APC-I1259T INQETIQTY	231	>APC-I1259T INQETTQTY	222	9
>APC-I1259T SINQETIQTY	648	>APC-I1259T SINQETTQTY	484	164
>APC-I1259T SINQETIQTY	202	>APC-I1259T SINQETTQTY	462	260
>APC-I1259T SINQETIQTY	1096	>APC-I1259T SINQETTQTY	428	668
>APC-I1259T SINQETIQTY	193	>APC-I1259T SINQETTQTY	75	118
>APC-I1259T SINQETIQTY	94	>APC-I1259T SINQETTQTY	70	24
>APC-I1259T SINQETIQTY	638	>APC-I1259T SINQETTQTY	373	265
>APC-I1259T SINQETIQTY	62	>APC-I1259T SINQETTQTY	63	1
>APC-I1259T SSINQETI	312	>APC-I1259T SSINQETT	10954	10642
>APC-I1259T SSINQETIQTY	555	>APC-I1259T SSINQETTQT	466	89
>APC-I1259T SSINQETIQTY	26	>APC-I1259T SSINQETTQT	35	9
>APC-I1259T SSINQETIQTY	1203	>APC-I1259T SSINQETTQT	397	806
>APC-I1259T SSINQETIQTY	710	>APC-I1259T SSINQETTQT	397	313
>APC-I1259T SSINQETIQTY	138	>APC-I1259T SSINQETTQT	122	16
>APC-I1259T SSINQETI	159	>APC-I1259T SSINQETT	9340	9181
>APC-I1259T SSINQETIQTY	1611	>APC-I1259T SSINQETTQT	430	1181
>APC-I1259T SSINQETIQTY	119	>APC-I1259T SSINQETTQT	93	26
>APC-I1259T SSINQETIQTY	69	>APC-I1259T SSINQETTQT	62	7
>APC-I1259T SSINQETI	331	>APC-I1259T SSINQETT	10581	10250
>APC-I1259T SSINQETIQTY	7	>APC-I1259T SSINQETTQT	5	2
>APC-I1259T SSINQETIQTY	385	>APC-I1259T SSINQETTQT	160	225
>APC-I1259T SSINQETIQTY	34	>APC-I1259T SSINQETTQT	36	2
>APC-I1259T SSINQETIQTY	470	>APC-I1259T SSINQETTQT	312	158
>APC-I1259T SSINQETI	48	>APC-I1259T SSINQETT	27013	26965
>APC-I1259T VSSINQETI	44	>APC-I1259T VSSINQETT	9224	9180
>APC-I1259T VSSINQETI	119	>APC-I1259T VSSINQETT	6064	5945
>APC-I1259T VSSINQETI	90	>APC-I1259T VSSINQETT	12330	12240
>APC-I1259T VSSINQETI	82	>APC-I1259T VSSINQETT	31741	31659
>APC-I1259T KVSSINQETI	278	>APC-I1259T KVSSINQETT	2469	2191
>APC-I1259T KVSSINQETI	13	>APC-I1259T KVSSINQETT	915	902
>APC-I1259T KVSSINQETI	229	>APC-I1259T KVSSINQETT	13676	13447
>APC-I1307K IKEKIGTR	2261	>APC-I1307K KKEKIGTR	463	1798
>APC-I1307K EIKEKIGTR	31	>APC-I1307K EKKEKIGTR	1025	994
>APC-I1307K EIKEKIGTR	35	>APC-I1307K EKKEKIGTR	1715	1680
>APC-I1307K DSANTLQIAE	16120	>APC-I1307K DSANTLQIAE	21	16099
>APC-I1307K DSANTLQIAE	172	>APC-I1307K DSANTLQIAE	20546	20374
>APC-I1307K AEIKEKIGT	89	>APC-I1307K AEKKEKIGT	149	60
>APC-I1307K AEIKEKIGT	381	>APC-I1307K AEKKEKIGT	1030	649
>APC-I1307K QIAEIKEKI	163	>APC-I1307K QIAEKKEKI	2105	1942
>APC-I1307K QIAEIKEK	86	>APC-I1307K QIAEKKEK	549	463



>APC-I1307K QIAEIKEKI	23	>APC-I1307K QIAEKKEKI	379	356
>APC-I1307K QIAEIKEKI	287	>APC-I1307K QIAEKKEKI	3012	2725
>APC-I1307K LQIAEIKEKI	295	>APC-I1307K LQIAEKKEKI	580	285
>APC-I1307K TLQIAEIKEKI	251	>APC-I1307K TLQIAEKKEKI	600	349
>APC-I1307K TLQIAEIK	288	>APC-I1307K TLQIAEKK	390	102
>APC-I1307K TLQIAEIKEK	478	>APC-I1307K TLQIAEKKEK	1043	565
>APC-I1307K NTLQIAEI	29471	>APC-I1307K NTLQIAEK	192	29279
>APC-I1307K NTLQIAEI	15005	>APC-I1307K NTLQIAEK	21	14984
>APC-I1307K NTLQIAEIK	22	>APC-I1307K NTLQIAEKK	17	5
>APC-I1307K NTLQIAEIKEK	73	>APC-I1307K NTLQIAEKKEI	113	40
>APC-I1307K NTLQIAEI	28	>APC-I1307K NTLQIAEK	17477	17449
>APC-I1307K NTLQIAEI	15	>APC-I1307K NTLQIAEK	5025	5010
>APC-I1307K NTLQIAEI	111	>APC-I1307K NTLQIAEK	37712	37601
>APC-I1307K SANTLQIAEI	34897	>APC-I1307K SANTLQIAEK	101	34796
>APC-I1307K SANTLQIAEIK	65	>APC-I1307K SANTLQIAEKI	53	12
>APC-I1307K SANTLQIAEI	2860	>APC-I1307K SANTLQIAEK	110	2750
>APC-I1307K SANTLQIAEI	31311	>APC-I1307K SANTLQIAEK	190	31121
>APC-I1307K SANTLQIAEIK	180	>APC-I1307K SANTLQIAEKI	154	26
>APC-I66L-wi QIDLLERL	1900	>APC-I66L-m QLDLLERL	344	1556
>APC-I66L-wi QIDLLERL	4626	>APC-I66L-m QLDLLERL	292	4334
>APC-I66L-wi QIDLLERL	8168	>APC-I66L-m QLDLLERL	213	7955
>APC-I66L-wi EDEAMASSG	363	>APC-I66L-m EDEAMASSG	5947	5584
>APC-I66L-wi EDEAMASSG	48	>APC-I66L-m EDEAMASSG	438	390
>APC-I66L-wi GQIDLLERL	141	>APC-I66L-m GQLDLLERL	108	33
>APC-I66L-wi GQIDLLERL	42	>APC-I66L-m GQLDLLERL	142	100
>APC-I66L-wi GQIDLLERL	278	>APC-I66L-m GQLDLLERL	2033	1755
>APC-I66L-wi GQIDLLERL	11	>APC-I66L-m GQLDLLERL	14	3
>APC-I66L-wi GQIDLLERL	435	>APC-I66L-m GQLDLLERL	95	340
>APC-I66L-wi GQIDLLERL	425	>APC-I66L-m GQLDLLERL	193	232
>APC-I66L-wi GQIDLLERLK	351	>APC-I66L-m GQLDLLERLK	544	193
>APC-I66L-wi GQIDLLER	356	>APC-I66L-m GQLDLLER	222	134
>APC-I66L-wi GQIDLLERL	391	>APC-I66L-m GQLDLLERL	539	148
>APC-I66L-wi SSGQIDLLER	279	>APC-I66L-m SSGQLDLLER	259	20
>APC-I66L-wi SSGQIDLLER	255	>APC-I66L-m SSGQLDLLER	253	2
>APC-I66L-wi SSGQIDLLERI	485	>APC-I66L-m SSGQLDLLERI	543	58
>APC-I66L-wi SSGQIDLLER	638	>APC-I66L-m SSGQLDLLER	400	238
>APC-I66L-wi ASSGQIDLL	162	>APC-I66L-m ASSGQLDLL	150	12
>APC-I66L-wi ASSGQIDLLEF	273	>APC-I66L-m ASSGQLDLLE	320	47
>APC-I66L-wi ASSGQIDL	156	>APC-I66L-m ASSGQLDL	78	78
>APC-I66L-wi ASSGQIDLL	394	>APC-I66L-m ASSGQLDLL	482	88
>APC-I66L-wi ASSGQIDLL	270	>APC-I66L-m ASSGQLDLL	595	325
>APC-I66L-wi ASSGQIDLLEF	155	>APC-I66L-m ASSGQLDLLE	213	58
>APC-I66L-wi MASSGQIDL	98	>APC-I66L-m MASSGQLDLI	80	18

>APC-I66L-wi MASSGQIDL	371	>APC-I66L-m MASSGQLDL	450	79
>APC-I66L-wi MASSGQIDL	939	>APC-I66L-m MASSGQLDL	263	676
>APC-I66L-wi MASSGQIDL	199	>APC-I66L-m MASSGQLDL	341	142
>APC-I66L-wi MASSGQIDL	1991	>APC-I66L-m MASSGQLDL	425	1566
>APC-I66L-wi MASSGQIDL	734	>APC-I66L-m MASSGQLDL	484	250
>APC-I66L-wi AMASSGQI	483	>APC-I66L-m AMASSGQL	382	101
>APC-I66L-wi AMASSGQIDI	104	>APC-I66L-m AMASSGQLD	79	25
>APC-I66L-wi AMASSGQI	30	>APC-I66L-m AMASSGQL	10	20
>APC-I66L-wi AMASSGQIDI	77	>APC-I66L-m AMASSGQLD	61	16
>APC-I66L-wi AMASSGQIDI	4	>APC-I66L-m AMASSGQLD	3	1
>APC-I66L-wi AMASSGQI	10	>APC-I66L-m AMASSGQL	14	4
>APC-I66L-wi AMASSGQIDI	628	>APC-I66L-m AMASSGQLD	322	306
>APC-I66L-wi AMASSGQIDI	14	>APC-I66L-m AMASSGQLD	12	2
>APC-I66L-wi AMASSGQIDI	200	>APC-I66L-m AMASSGQLD	119	81
>APC-I66L-wi AMASSGQI	23	>APC-I66L-m AMASSGQL	26	3
>APC-I66L-wi AMASSGQIDI	119	>APC-I66L-m AMASSGQLD	146	27
>APC-I66L-wi AMASSGQIDI	24	>APC-I66L-m AMASSGQLD	28	4
>APC-I66L-wi AMASSGQI	293	>APC-I66L-m AMASSGQL	284	9
>APC-I66L-wi AMASSGQIDI	207	>APC-I66L-m AMASSGQLD	405	198
>APC-I66L-wi AMASSGQIDI	75	>APC-I66L-m AMASSGQLD	72	3
>APC-I66L-wi AMASSGQI	51	>APC-I66L-m AMASSGQL	37	14
>APC-I66L-wi AMASSGQIDI	32	>APC-I66L-m AMASSGQLD	36	4
>APC-I66L-wi AMASSGQIDI	22	>APC-I66L-m AMASSGQLD	23	1
>APC-I66L-wi AMASSGQI	160	>APC-I66L-m AMASSGQL	100	60
>APC-I66L-wi AMASSGQIDI	307	>APC-I66L-m AMASSGQLD	443	136
>APC-I66L-wi AMASSGQIDI	97	>APC-I66L-m AMASSGQLD	114	17
>APC-I66L-wi AMASSGQI	16	>APC-I66L-m AMASSGQL	6	10
>APC-I66L-wi AMASSGQIDI	6	>APC-I66L-m AMASSGQLD	6	0
>APC-I66L-wi AMASSGQIDI	7	>APC-I66L-m AMASSGQLD	7	0
>APC-I66L-wi AMASSGQI	478	>APC-I66L-m AMASSGQL	188	290
>APC-I66L-wi AMASSGQIDI	800	>APC-I66L-m AMASSGQLD	442	358
>APC-I66L-wi AMASSGQI	164	>APC-I66L-m AMASSGQL	104	60
>APC-I66L-wi AMASSGQIDI	33	>APC-I66L-m AMASSGQLD	31	2
>APC-I66L-wi AMASSGQIDI	145	>APC-I66L-m AMASSGQLD	201	56
>APC-I66L-wi AMASSGQI	435	>APC-I66L-m AMASSGQL	6353	5918
>APC-I66L-wi EAMASSGQI	22	>APC-I66L-m EAMASSGQL	32	10
>APC-I66L-wi EAMASSGQIL	146	>APC-I66L-m EAMASSGQL	359	213
>APC-I66L-wi EAMASSGQI	17	>APC-I66L-m EAMASSGQL	24	7
>APC-I66L-wi EAMASSGQIL	145	>APC-I66L-m EAMASSGQL	199	54
>APC-I66L-wi EAMASSGQI	272	>APC-I66L-m EAMASSGQL	44	228
>APC-I66L-wi EAMASSGQIL	844	>APC-I66L-m EAMASSGQL	419	425
>APC-I66L-wi EAMASSGQI	214	>APC-I66L-m EAMASSGQL	4504	4290
>APC-I66L-wi DEAMASSGQ	7	>APC-I66L-m DEAMASSGQ	33	26

>APC-I66L-wi DEAMASSGQ	451	>APC-I66L-m DEAMASSGQ	872	421
>APC-I66L-wi DEAMASSGQ	586	>APC-I66L-m DEAMASSGQ	376	210
>APC-I66L-wi DEAMASSGQ	264	>APC-I66L-m DEAMASSGQ	1966	1702
>APC-I880T-\ ISTTAAQIAK	175	>APC-I880T-r TSTTAAQIAK	394	219
>APC-I880T-\ ISTTAAQIAK	35	>APC-I880T-r TSTTAAQIAK	24	11
>APC-I880T-\ ISTTAAQIAK	89	>APC-I880T-r TSTTAAQIAK	189	100
>APC-I880T-\ ISTTAAQIAK	253	>APC-I880T-r TSTTAAQIAK	63	190
>APC-I880T-\ ISTTAAQI	4552	>APC-I880T-r TSTTAAQI	307	4245
>APC-I880T-\ ISTTAAQIAKV	799	>APC-I880T-r TSTTAAQIAK'	54	745
>APC-I880T-\ ISTTAAQI	19	>APC-I880T-r TSTTAAQI	152	133
>APC-I880T-\ ISTTAAQIAKV	235	>APC-I880T-r TSTTAAQIAK'	1528	1293
>APC-I880T-\ ISTTAAQI	125	>APC-I880T-r TSTTAAQI	1215	1090
>APC-I880T-\ ISTTAAQI	404	>APC-I880T-r TSTTAAQI	674	270
>APC-I880T-\ ISTTAAQIAKV	197	>APC-I880T-r TSTTAAQIAK'	320	123
>APC-I880T-\ ISTTAAQI	1517	>APC-I880T-r TSTTAAQI	487	1030
>APC-I880T-\ ISTTAAQI	42	>APC-I880T-r TSTTAAQI	60	18
>APC-I880T-\ QISTTAAQIAI	154	>APC-I880T-r QTSTTAAQIA	210	56
>APC-I880T-\ QISTTAAQIAI	74	>APC-I880T-r QTSTTAAQIA	34	40
>APC-I880T-\ QISTTAAQIAI	165	>APC-I880T-r QTSTTAAQIA	29	136
>APC-I880T-\ QISTTAAQI	1241	>APC-I880T-r QTSTTAAQI	398	843
>APC-I880T-\ QISTTAAQIAI	134	>APC-I880T-r QTSTTAAQIA	20	114
>APC-I880T-\ QISTTAAQI	736	>APC-I880T-r QTSTTAAQI	62	674
>APC-I880T-\ QISTTAAQI	588	>APC-I880T-r QTSTTAAQI	125	463
>APC-I880T-\ QISTTAAQI	4809	>APC-I880T-r QTSTTAAQI	16	4793
>APC-I880T-\ QISTTAAQI	18230	>APC-I880T-r QTSTTAAQI	277	17953
>APC-I880T-\ QISTTAAQI	4232	>APC-I880T-r QTSTTAAQI	135	4097
>APC-I880T-\ QISTTAAQIAI	5709	>APC-I880T-r QTSTTAAQIA	362	5347
>APC-I880T-\ QISTTAAQI	3556	>APC-I880T-r QTSTTAAQI	39	3517
>APC-I880T-\ LQISTTAAQI	503	>APC-I880T-r LQTSTTAAQI	223	280
>APC-I880T-\ LQISTTAA	320	>APC-I880T-r LQTSTTAA	1215	895
>APC-I880T-\ LQISTTAAQI	324	>APC-I880T-r LQTSTTAAQI	1139	815
>APC-I880T-\ LQISTTAA	43	>APC-I880T-r LQTSTTAA	341	298
>APC-I880T-\ LQISTTAAQI	249	>APC-I880T-r LQTSTTAAQI	981	732
>APC-I880T-\ LQISTTAAQIA	308	>APC-I880T-r LQTSTTAAQI	1727	1419
>APC-I880T-\ LQISTTAA	11	>APC-I880T-r LQTSTTAA	48	37
>APC-I880T-\ LQISTTAAQI	252	>APC-I880T-r LQTSTTAAQI	1625	1373
>APC-I880T-\ LQISTTAAQIA	64	>APC-I880T-r LQTSTTAAQI	380	316
>APC-I880T-\ LQISTTAA	74	>APC-I880T-r LQTSTTAA	891	817
>APC-I880T-\ LQISTTAAQ	90	>APC-I880T-r LQTSTTAAQ	1031	941
>APC-I880T-\ LQISTTAAQI	125	>APC-I880T-r LQTSTTAAQI	1592	1467
>APC-I880T-\ LQISTTAAQIA	238	>APC-I880T-r LQTSTTAAQI	2559	2321
>APC-I880T-\ LQISTTAA	27	>APC-I880T-r LQTSTTAA	92	65
>APC-I880T-\ LQISTTAAQ	63	>APC-I880T-r LQTSTTAAQ	275	212

>APC-I880T-\ LQISTTAAQI	19	>APC-I880T-r LQTSTTAAQI	66	47
>APC-I880T-\ LQISTTAAQI/	34	>APC-I880T-r LQTSTTAAQI/	165	131
>APC-I880T-\ LQISTTAAQI	204	>APC-I880T-r LQTSTTAAQI	1511	1307
>APC-I880T-\ GLQISTTA	404	>APC-I880T-r GLQTSSTA	501	97
>APC-I880T-\ GLQISTTAA	210	>APC-I880T-r GLQTSSTAA	156	54
>APC-I880T-\ GLQISTTAAQ	275	>APC-I880T-r GLQTSSTAAC	184	91
>APC-I880T-\ GLQISTTA	77	>APC-I880T-r GLQTSSTA	41	36
>APC-I880T-\ GLQISTTAA	29	>APC-I880T-r GLQTSSTAA	14	15
>APC-I880T-\ GLQISTTAAQ	74	>APC-I880T-r GLQTSSTAAC	43	31
>APC-I880T-\ GLQISTTA	374	>APC-I880T-r GLQTSSTA	565	191
>APC-I880T-\ GLQISTTAAQ	108	>APC-I880T-r GLQTSSTAAC	143	35
>APC-I880T-\ GLQISTTA	118	>APC-I880T-r GLQTSSTA	46	72
>APC-I880T-\ GLQISTTAA	159	>APC-I880T-r GLQTSSTAA	52	107
>APC-I880T-\ GLQISTTAAQ	44	>APC-I880T-r GLQTSSTAAC	18	26
>APC-I880T-\ GLQISTTA	334	>APC-I880T-r GLQTSSTA	451	117
>APC-I880T-\ GLQISTTAAQ	315	>APC-I880T-r GLQTSSTAAC	429	114
>APC-I880T-\ GLQISTTAAQ	1066	>APC-I880T-r GLQTSSTAAC	435	631
>APC-I880T-\ GLQISTTA	27	>APC-I880T-r GLQTSSTA	24	3
>APC-I880T-\ GLQISTTAA	51	>APC-I880T-r GLQTSSTAA	49	2
>APC-I880T-\ GLQISTTAAQ	24	>APC-I880T-r GLQTSSTAAC	22	2
>APC-I880T-\ KRGLQISTTA	315	>APC-I880T-r KRGLQSTTA	465	150
>APC-I880T-\ KRGLQIST	353	>APC-I880T-r KRGLQST	216	137
>APC-I880T-\ KRGLQISTTA	277	>APC-I880T-r KRGLQSTTA	311	34
>APC-I880T-\ KRGLQISTTA	361	>APC-I880T-r KRGLQSTTA	520	159
>APC-I880T-\ SSKRGLQI	32	>APC-I880T-r SSKRGLQT	952	920
>APC-I880T-\ SSKRGLQIS	377	>APC-I880T-r SSKRGLQTS	238	139
>APC-I880T-\ SSKRGLQIST	289	>APC-I880T-r SSKRGLQST	1229	940
>APC-I880T-\ SSKRGLQI	238	>APC-I880T-r SSKRGLQT	7423	7185
>APC-I880T-\ SSKRGLQI	70	>APC-I880T-r SSKRGLQT	29794	29724
>APC-I880T-\ TSSKRGLQI	156	>APC-I880T-r TSSKRGLQT	7224	7068
>APC-I880T-\ TSSKRGLQI	63	>APC-I880T-r TSSKRGLQT	32796	32733
>APC-I880T-\ GTSSKRGLQI	314	>APC-I880T-r GTSSKRGLQT	7900	7586
>APC-I880T-\ GTSSKRGLQI	201	>APC-I880T-r GTSSKRGLQT	1775	1574
>APC-I880T-\ GTSSKRGLQI	388	>APC-I880T-r GTSSKRGLQT	31573	31185
>APC-K1308E KEKIGTRSA	87	>APC-K1308E EEKIGTRSA	687	600
>APC-K1308E KEKIGTRSA	67	>APC-K1308E EEKIGTRSA	25	42
>APC-K1308E IKEKIGTRSA	10570	>APC-K1308E IEEKIGTRSA	125	10445
>APC-K1308E SANTLQIAEIK	65	>APC-K1308E SANTLQIAEIE	23517	23452
>APC-K1308E SANTLQIAEIK	180	>APC-K1308E SANTLQIAEIE	16421	16241
>APC-K1308E EIKEKIGTR	31	>APC-K1308E EIEEKIGTR	171	140
>APC-K1308E EIKEKIGTR	35	>APC-K1308E EIEEKIGTR	47	12
>APC-K1308E AEIKEKIGT	89	>APC-K1308E AEIEEKIGT	56	33
>APC-K1308E AEIKEKIGTRS	503	>APC-K1308E AEIEEKIGTRS	351	152

>APC-K1308EAEIKEKIGT	381	>APC-K1308EAEIEEKIGT	201	180
>APC-K1308EQIAEIKEKI	163	>APC-K1308EQIAEIEEKI	58	105
>APC-K1308EQIAEIKEK	571	>APC-K1308EQIAEIEEK	301	270
>APC-K1308EQIAEIKEKI	808	>APC-K1308EQIAEIEEKI	431	377
>APC-K1308EQIAEIKEK	86	>APC-K1308EQIAEIEEK	30	56
>APC-K1308EQIAEIKEKI	23	>APC-K1308EQIAEIEEKI	33	10
>APC-K1308EQIAEIKEKI	287	>APC-K1308EQIAEIEEKI	1374	1087
>APC-K1308ELQIAEIKEKI	822	>APC-K1308ELQIAEIEEKI	229	593
>APC-K1308ELQIAEIKEK	1446	>APC-K1308ELQIAEIEEK	459	987
>APC-K1308ELQIAEIKEKI	295	>APC-K1308ELQIAEIEEKI	292	3
>APC-K1308ETLQIAEIKEKI	251	>APC-K1308ETLQIAEIEEKI	207	44
>APC-K1308ETLQIAEIK	288	>APC-K1308ETLQIAEIE	26331	26043
>APC-K1308ETLQIAEIKEK	478	>APC-K1308ETLQIAEIEEK	214	264
>APC-K1308ENTLQIAEIKEK	882	>APC-K1308ENTLQIAEIEEK	429	453
>APC-K1308ENTLQIAEIK	22	>APC-K1308ENTLQIAEIE	5872	5850
>APC-K1308ENTLQIAEIKEK	73	>APC-K1308ENTLQIAEIEEK	24	49
>APC-K1454EKNKAPTAEK	8	>APC-K1454ENKAPTAEK	5130	5122
>APC-K1454EKNKAPTAEKR	321	>APC-K1454ENKAPTAEKR	2245	1924
>APC-K1454EQTAQTKREVI	157	>APC-K1454EQTAQTKREVI	24924	24767
>APC-K1454EQTAQTKREVI	33	>APC-K1454EQTAQTKREVI	7805	7772
>APC-K1454EQTAQTKREVI	216	>APC-K1454EQTAQTKREVI	9642	9426
>APC-K1454EVPKNKAPTA	469	>APC-K1454EVPENKAPTA	8913	8444
>APC-K1454EVPKNKAPTA	433	>APC-K1454EVPENKAPTA	752	319
>APC-K1454EVPKNKAPT	301	>APC-K1454EVPENKAPT	87	214
>APC-K1454EVPKNKAPTA	1338	>APC-K1454EVPENKAPTA	378	960
>APC-K1454EVPKNKAPTA	2056	>APC-K1454EVPENKAPTA	294	1762
>APC-K1454EVPKNKAPT	484	>APC-K1454EVPENKAPT	515	31
>APC-K1454EVPKNKA	326	>APC-K1454EVPENKA	247	79
>APC-K1454EVPKNKAPT	80	>APC-K1454EVPENKAPT	72	8
>APC-K1454EQTKREVPK	247	>APC-K1454EQTKREVPE	26021	25774
>APC-K1454EQTKREVPKR	1025	>APC-K1454EQTKREVPER	424	601
>APC-K1454EQTKREVPK	6	>APC-K1454EQTKREVPE	4123	4117
>APC-K1454EQTKREVPKR	10	>APC-K1454EQTKREVPER	29	19
>APC-K1454EQTKREVPKR	233	>APC-K1454EQTKREVPER	341	108
>APC-K1454EQTKREVPK	266	>APC-K1454EQTKREVPE	21122	20856
>APC-K1454EAQTKREVPK	181	>APC-K1454EAQTKREVPE	27265	27084
>APC-K1454EAQTKREVPKR	697	>APC-K1454EAQTKREVPER	374	323
>APC-L1129SSLCQEDDY	2378	>APC-L1129SSCQEDDY	338	2040
>APC-L1129SSLCQEDDY	239	>APC-L1129SSCQEDDY	150	89
>APC-L1129SSLCQEDDY	472	>APC-L1129SSCQEDDY	4217	3745
>APC-L1129SSLCQEDDY	13662	>APC-L1129SSCQEDDY	324	13338
>APC-L1129SQSLCQEDDY	487	>APC-L1129SQSSCQEDDY	310	177
>APC-L1129SQSLCQEDDY	688	>APC-L1129SQSSCQEDDY	253	435

>APC-L1129S SQSLCQEDDY	368	>APC-L1129S SQSSCQEDDY	77	291
>APC-L1129S VSQSLCQEDI	75	>APC-L1129S VSQSSCQEDI	71	4
>APC-L1129S VSQSLCQEDI	1309	>APC-L1129S VSQSSCQEDI	496	813
>APC-L1129S VSQSLCQEDI	385	>APC-L1129S VSQSSCQEDI	97	288
>APC-L1129S VSQSLCQEDI	159	>APC-L1129S VSQSSCQEDI	244	85
>APC-L1129S NQNVSQL	459	>APC-L1129S NQNVQSS	7750	7291
>APC-L1129S NQNVSQL	80	>APC-L1129S NQNVQSS	3847	3767
>APC-L1129S NQNVSQL	74	>APC-L1129S NQNVQSS	19141	19067
>APC-L1129S GINQNVQSI	152	>APC-L1129S GINQNVQSS	10364	10212
>APC-L1129S GINQNVQSI	54	>APC-L1129S GINQNVQSS	15356	15302
>APC-L1393F SLDSFESRSI	416	>APC-L1393F SPDSFESRSI	27130	26714
>APC-L1393F SLDSFESRSI	39	>APC-L1393F SPDSFESRSI	14477	14438
>APC-L1393F SLDSFESRSI	46	>APC-L1393F SPDSFESRSI	15504	15458
>APC-L1393F SLDSFESRSI	13	>APC-L1393F SPDSFESRSI	18783	18770
>APC-L1393F SLDSFESRSIA	195	>APC-L1393F SPDSFESRSIA	26321	26126
>APC-L1393F SLDSFESRSI	110	>APC-L1393F SPDSFESRSI	23339	23229
>APC-L1393F SLDSFESRSI	55	>APC-L1393F SPDSFESRSI	23961	23906
>APC-L1393F SLDSFESRSIA	105	>APC-L1393F SPDSFESRSIA	24701	24596
>APC-L1393F SLDSFESRSI	92	>APC-L1393F SPDSFESRSI	34079	33987
>APC-L1393F SLDSFESRSIA	49	>APC-L1393F SPDSFESRSIA	32230	32181
>APC-L1393F SLDSFESR	436	>APC-L1393F SPDSFESR	2477	2041
>APC-L1393F SLDSFESRSI	30929	>APC-L1393F SPDSFESRSI	336	30593
>APC-L1393F MFSRCTSVSS	80	>APC-L1393F MFSRCTSVSS	13657	13577
>APC-L1393F MFSRCTSVSS	65	>APC-L1393F MFSRCTSVSS	9878	9813
>APC-L1393F MFSRCTSVSS	444	>APC-L1393F MFSRCTSVSS	15544	15100
>APC-L1393F MFSRCTSVSS	251	>APC-L1393F MFSRCTSVSS	967	716
>APC-L1393F SSLDSFESR	64	>APC-L1393F SSPDSFESR	1219	1155
>APC-L1393F SSLDSFESR	44	>APC-L1393F SSPDSFESR	710	666
>APC-L1393F SSLDSFESRSI	309	>APC-L1393F SSPDSFESRSI	1053	744
>APC-L1393F SSLDSFESR	56	>APC-L1393F SSPDSFESR	70	14
>APC-L1393F SSLDSFESRSI	77	>APC-L1393F SSPDSFESRSI	3047	2970
>APC-L1393F SSLDSFESR	20288	>APC-L1393F SSPDSFESR	255	20033
>APC-L1393F SSLDSFESRS	21621	>APC-L1393F SSPDSFESRS	413	21208
>APC-L1393F SSLDSFESRSI	3558	>APC-L1393F SSPDSFESRSI	10	3548
>APC-L1393F SSLDSFESR	59	>APC-L1393F SSPDSFESR	195	136
>APC-L1393F SSLDSFESRSI	16	>APC-L1393F SSPDSFESRSI	27	11
>APC-L1393F VSSLDSFESR	208	>APC-L1393F VSSPDSFESR	240	32
>APC-L1393F VSSLDSFESR	106	>APC-L1393F VSSPDSFESR	178	72
>APC-L1393F VSSLDSFESR	228	>APC-L1393F VSSPDSFESR	156	72
>APC-L1393F VSSLDSFESR	706	>APC-L1393F VSSPDSFESR	334	372
>APC-L1393F SVSSLDSFESF	83	>APC-L1393F SVSSPDSFESF	79	4
>APC-L1393F SVSSLDSF	215	>APC-L1393F SVSSPDSF	311	96
>APC-L1393F SVSSLDSFESF	66	>APC-L1393F SVSSPDSFESF	118	52

>APC-L1393F SVSSLDSFESF	8	>APC-L1393F SVSSPDSFESF	13	5
>APC-L1393F SVSSLDSF	158	>APC-L1393F SVSSPDSF	310	152
>APC-L1393F SVSSLDSF	704	>APC-L1393F SVSSPDSF	439	265
>APC-L1393F SVSSLDSF	468	>APC-L1393F SVSSPDSF	588	120
>APC-L1393F TSVSSLDSF	6	>APC-L1393F TSVSSPDSF	44	38
>APC-L1393F TSVSSLDSF	273	>APC-L1393F TSVSSPDSF	840	567
>APC-L1393F TSVSSLDSF	61	>APC-L1393F TSVSSPDSF	30	31
>APC-L1393F TSVSSLDSF	7	>APC-L1393F TSVSSPDSF	8	1
>APC-L1393F TSVSSLDSF	136	>APC-L1393F TSVSSPDSF	78	58
>APC-L1393F TSVSSLDSF	53	>APC-L1393F TSVSSPDSF	128	75
>APC-L1393F CTSVSSLDSF	199	>APC-L1393F CTSVSSPDSF	167	32
>APC-L1393F CTSVSSLDSF	13	>APC-L1393F CTSVSSPDSF	14	1
>APC-L1393F CTSVSSLDSF	107	>APC-L1393F CTSVSSPDSF	103	4
>APC-L1393F CTSVSSLDSF	53	>APC-L1393F CTSVSSPDSF	33	20
>APC-L1393F RCTSVSSLDSF	518	>APC-L1393F RCTSVSSPDSI	257	261
>APC-L1393F RCTSVSSLDSF	187	>APC-L1393F RCTSVSSPDSI	100	87
>APC-L1393F RCTSVSSLDSF	21	>APC-L1393F RCTSVSSPDSI	38	17
>APC-L1393F SRCTSVSSL	304	>APC-L1393F SRCTSVSSP	24400	24096
>APC-L1393F SRCTSVSSL	39	>APC-L1393F SRCTSVSSP	1239	1200
>APC-L1393F SRCTSVSSL	34	>APC-L1393F SRCTSVSSP	10455	10421
>APC-L1393F SRCTSVSSL	43	>APC-L1393F SRCTSVSSP	12726	12683
>APC-L1393F FSRCTSVSSL	338	>APC-L1393F FSRCTSVSSP	2882	2544
>APC-L1393F FSRCTSVSSL	99	>APC-L1393F FSRCTSVSSP	2441	2342
>APC-L1393F FSRCTSVSSL	8	>APC-L1393F FSRCTSVSSP	207	199
>APC-L1393F FSRCTSVSSL	5	>APC-L1393F FSRCTSVSSP	5274	5269
>APC-L1393F FSRCTSVSSLE	324	>APC-L1393F FSRCTSVSSPI	2341	2017
>APC-L1393F FSRCTSVSSL	45	>APC-L1393F FSRCTSVSSP	14139	14094
>APC-L1482F LPDADTLL	505	>APC-L1482F FPDADTLL	365	140
>APC-L1482F LPDADTLL	227	>APC-L1482F FPDADTLL	71	156
>APC-L1482F LPDADTLLH	162	>APC-L1482F FPDADTLLH	69	93
>APC-L1482F LPDADTLLHF	32	>APC-L1482F FPDADTLLHF	10	22
>APC-L1482F LPDADTLL	1223	>APC-L1482F FPDADTLL	58	1165
>APC-L1482F LPDADTLL	60	>APC-L1482F FPDADTLL	39	21
>APC-L1482F LPDADTLLHF	58	>APC-L1482F FPDADTLLHF	24	34
>APC-L1482F LPDADTLLHF	64	>APC-L1482F FPDADTLLHF	17	47
>APC-L1482F LPDADTLL	583	>APC-L1482F FPDADTLL	151	432
>APC-L1482F LPDADTLLHF	32	>APC-L1482F FPDADTLLHF	16	16
>APC-L1482F VLPDADTL	442	>APC-L1482F VFPDADTL	21282	20840
>APC-L1482F VLPDADTLL	120	>APC-L1482F VFPDADTLL	20001	19881
>APC-L1482F VLPDADTL	59	>APC-L1482F VFPDADTL	4570	4511
>APC-L1482F VLPDADTLL	13	>APC-L1482F VFPDADTLL	2406	2393
>APC-L1482F VLPDADTL	150	>APC-L1482F VFPDADTL	20087	19937
>APC-L1482F VLPDADTLL	54	>APC-L1482F VFPDADTLL	19239	19185

>APC-L1482F VLPDADTL	152	>APC-L1482F VFPDADTL	10992	10840
>APC-L1482F VLPDADTLL	93	>APC-L1482F VFPDADTLL	10968	10875
>APC-L1482F VLPDADTLLH	339	>APC-L1482F VFPDADTLLH	14327	13988
>APC-L1482F VLPDADTL	19	>APC-L1482F VFPDADTL	10818	10799
>APC-L1482F VLPDADTLL	95	>APC-L1482F VFPDADTLL	16513	16418
>APC-L1482F VLPDADTL	30	>APC-L1482F VFPDADTL	17204	17174
>APC-L1482F VLPDADTLL	247	>APC-L1482F VFPDADTLL	22575	22328
>APC-L1482F VLPDADTL	25	>APC-L1482F VFPDADTL	10476	10451
>APC-L1482F VLPDADTLL	23	>APC-L1482F VFPDADTLL	11992	11969
>APC-L1482F VLPDADTL	81	>APC-L1482F VFPDADTL	18570	18489
>APC-L1482F VLPDADTLL	419	>APC-L1482F VFPDADTLL	21485	21066
>APC-L1482F VLPDADTL	5	>APC-L1482F VFPDADTL	6821	6816
>APC-L1482F VLPDADTLL	4	>APC-L1482F VFPDADTLL	5707	5703
>APC-L1482F VLPDADTLLH	489	>APC-L1482F VFPDADTLLH	30604	30115
>APC-L1482F VLPDADTLLH	617	>APC-L1482F VFPDADTLLH	44	573
>APC-L1482F VLPDADTLLH	3777	>APC-L1482F VFPDADTLLH	310	3467
>APC-L1482F VLPDADTL	11947	>APC-L1482F VFPDADTL	140	11807
>APC-L1482F VLPDADTLLH	2590	>APC-L1482F VFPDADTLLH	20	2570
>APC-L1482F VLPDADTLLH	150	>APC-L1482F VFPDADTLLH	3634	3484
>APC-L1482F VLPDADTLL	29	>APC-L1482F VFPDADTLL	166	137
>APC-L1482F VLPDADTLLH	108	>APC-L1482F VFPDADTLLH	554	446
>APC-L1482F VNAAVQRVC	3894	>APC-L1482F VNAAVQRVC	270	3624
>APC-L1482F QVLPDADTL	2579	>APC-L1482F QVFPDADTL	351	2228
>APC-L1482F QVLPDADTLL	287	>APC-L1482F QVFPDADTLL	106	181
>APC-L1482F QVLPDADTL	243	>APC-L1482F QVFPDADTL	181	62
>APC-L1482F QVLPDADTLL	463	>APC-L1482F QVFPDADTLL	795	332
>APC-L1482F QVLPDADTLL	507	>APC-L1482F QVFPDADTLL	235	272
>APC-L1482F QVLPDADTL	448	>APC-L1482F QVFPDADTL	76	372
>APC-L1482F QVLPDADTL	3021	>APC-L1482F QVFPDADTL	79	2942
>APC-L1482F QVLPDADTL	425	>APC-L1482F QVFPDADTL	769	344
>APC-L1482F QVLPDADTL	1468	>APC-L1482F QVFPDADTL	436	1032
>APC-L1482F QVLPDADTL	2072	>APC-L1482F QVFPDADTL	473	1599
>APC-L1482F VQVLPDADTI	163	>APC-L1482F VQVFPDADTI	166	3
>APC-L1482F VQVLPDADTI	468	>APC-L1482F VQVFPDADTI	324	144
>APC-L1482F RVQVLPDAD`	62	>APC-L1482F RVQVFPDAD`	41	21
>APC-L1482F AVQRVQVL	1051	>APC-L1482F AVQRVQVF	272	779
>APC-L1482F AVQRVQVL	3021	>APC-L1482F AVQRVQVF	148	2873
>APC-L1482F AVQRVQVL	5164	>APC-L1482F AVQRVQVF	422	4742
>APC-L1482F AVQRVQVL	2343	>APC-L1482F AVQRVQVF	340	2003
>APC-L1482F AAVQRVQVL	2541	>APC-L1482F AAVQRVQVF	293	2248
>APC-L1482F AAVQRVQVL	1739	>APC-L1482F AAVQRVQVF	66	1673
>APC-L1482F AAVQRVQVL	759	>APC-L1482F AAVQRVQVF	31	728
>APC-L1482F AAVQRVQVL	36	>APC-L1482F AAVQRVQVF	5	31



>APC-L1482F NAAVQRVQV	6484	>APC-L1482F NAAVQRVQV	348	6136
>APC-L1488F LLHFATEST	5504	>APC-L1488F FLHFATEST	390	5114
>APC-L1488F LLHFATES	1560	>APC-L1488F FLHFATES	74	1486
>APC-L1488F LLHFATEST	310	>APC-L1488F FLHFATEST	17	293
>APC-L1488F LLHFATES	1121	>APC-L1488F FLHFATES	80	1041
>APC-L1488F LLHFATEST	170	>APC-L1488F FLHFATEST	13	157
>APC-L1488F LLHFATES	3067	>APC-L1488F FLHFATES	438	2629
>APC-L1488F LLHFATEST	637	>APC-L1488F FLHFATEST	65	572
>APC-L1488F LLHFATES	1211	>APC-L1488F FLHFATES	181	1030
>APC-L1488F LLHFATEST	177	>APC-L1488F FLHFATEST	28	149
>APC-L1488F TLLHFATEST	278	>APC-L1488F TFLHFATEST	16976	16698
>APC-L1488F TLLHFATEST	321	>APC-L1488F TFLHFATEST	14697	14376
>APC-L1488F TLLHFATEST	100	>APC-L1488F TFLHFATEST	11144	11044
>APC-L1488F TLLHFATEST	460	>APC-L1488F TFLHFATEST	23476	23016
>APC-L1488F RVQVLPDAD`	2889	>APC-L1488F RVQVLPDAD`	195	2694
>APC-L1488F RVQVLPDAD`	62	>APC-L1488F RVQVLPDAD`	22	40
>APC-L1488F RVQVLPDAD`	830	>APC-L1488F RVQVLPDAD`	188	642
>APC-L1488F RVQVLPDAD`	3892	>APC-L1488F RVQVLPDAD`	184	3708
>APC-L1488F RVQVLPDAD`	1011	>APC-L1488F RVQVLPDAD`	175	836
>APC-L1488F DTLLHFATE	9727	>APC-L1488F DTFLHFATE	492	9235
>APC-L1488F DTLLHFAT	5499	>APC-L1488F DTFLHFAT	284	5215
>APC-L1488F DTLLHFATES`	3356	>APC-L1488F DTFLHFATES`	161	3195
>APC-L1488F DTLLHFAT	332	>APC-L1488F DTFLHFAT	624	292
>APC-L1488F ADTLLHFAT	194	>APC-L1488F ADTFLHFAT	223	29
>APC-L1488F ADTLLHFA	607	>APC-L1488F ADTFLHFA	398	209
>APC-L1488F ADTLLHFAT	530	>APC-L1488F ADTFLHFAT	457	73
>APC-L1488F DADTLLHFA	238	>APC-L1488F DADTFLHFA	60	178
>APC-L1488F LPDADTLL	689	>APC-L1488F LPDADTFL	38	651
>APC-L1488F LPDADTLLHF	756	>APC-L1488F LPDADTFLHF	167	589
>APC-L1488F LPDADTLL	227	>APC-L1488F LPDADTFL	250	23
>APC-L1488F LPDADTLLH	162	>APC-L1488F LPDADTFLH	109	53
>APC-L1488F LPDADTLLHF	32	>APC-L1488F LPDADTFLHF	37	5
>APC-L1488F LPDADTLL	60	>APC-L1488F LPDADTFL	96	36
>APC-L1488F LPDADTLLHF	58	>APC-L1488F LPDADTFLHF	49	9
>APC-L1488F LPDADTLLHF.	64	>APC-L1488F LPDADTFLHF.	35	29
>APC-L1488F LPDADTLLHF	32	>APC-L1488F LPDADTFLHF	17	15
>APC-L1488F VLPDADTL	442	>APC-L1488F VLPDADTF	17175	16733
>APC-L1488F VLPDADTLL	120	>APC-L1488F VLPDADTFL	63	57
>APC-L1488F VLPDADTL	59	>APC-L1488F VLPDADTF	5087	5028
>APC-L1488F VLPDADTLL	13	>APC-L1488F VLPDADTFL	8	5
>APC-L1488F VLPDADTL	150	>APC-L1488F VLPDADTF	9228	9078
>APC-L1488F VLPDADTLL	54	>APC-L1488F VLPDADTFL	38	16
>APC-L1488F VLPDADTL	152	>APC-L1488F VLPDADTF	1164	1012

>APC-L1488F VLPDADTLL	93	>APC-L1488F VLPDADTFL	24	69
>APC-L1488F VLPDADTLLH	339	>APC-L1488F VLPDADTFLH	222	117
>APC-L1488F VLPDADTL	19	>APC-L1488F VLPDADTF	2101	2082
>APC-L1488F VLPDADTLL	95	>APC-L1488F VLPDADTFL	25	70
>APC-L1488F VLPDADTL	30	>APC-L1488F VLPDADTF	8850	8820
>APC-L1488F VLPDADTLL	247	>APC-L1488F VLPDADTFL	45	202
>APC-L1488F VLPDADTL	25	>APC-L1488F VLPDADTF	7632	7607
>APC-L1488F VLPDADTLL	23	>APC-L1488F VLPDADTFL	8	15
>APC-L1488F VLPDADTL	81	>APC-L1488F VLPDADTF	11417	11336
>APC-L1488F VLPDADTLL	419	>APC-L1488F VLPDADTFL	38	381
>APC-L1488F VLPDADTL	5	>APC-L1488F VLPDADTF	1198	1193
>APC-L1488F VLPDADTLL	4	>APC-L1488F VLPDADTFL	4	0
>APC-L1488F VLPDADTLLH	489	>APC-L1488F VLPDADTFLH	564	75
>APC-L1488F VLPDADTLLH	617	>APC-L1488F VLPDADTFLH	358	259
>APC-L1488F VLPDADTLLH	150	>APC-L1488F VLPDADTFLH	96	54
>APC-L1488F VLPDADTLL	29	>APC-L1488F VLPDADTFL	54	25
>APC-L1488F VLPDADTLLH	108	>APC-L1488F VLPDADTFLH	61	47
>APC-L1488F QVLPDADTLL	287	>APC-L1488F QVLPDADTFL	210	77
>APC-L1488F QVLPDADTL	243	>APC-L1488F QVLPDADTF	1256	1013
>APC-L1488F QVLPDADTLL	463	>APC-L1488F QVLPDADTFL	312	151
>APC-L1488F QVLPDADTL	3063	>APC-L1488F QVLPDADTF	185	2878
>APC-L1488F QVLPDADTL	1053	>APC-L1488F QVLPDADTF	160	893
>APC-L1488F QVLPDADTL	448	>APC-L1488F QVLPDADTF	83	365
>APC-L1488F QVLPDADTL	425	>APC-L1488F QVLPDADTF	11242	10817
>APC-L1488F QVLPDADTLL	897	>APC-L1488F QVLPDADTFL	391	506
>APC-L1488F QVLPDADTL	1468	>APC-L1488F QVLPDADTF	71	1397
>APC-L1488F QVLPDADTL	1710	>APC-L1488F QVLPDADTF	83	1627
>APC-L1488F QVLPDADTL	2072	>APC-L1488F QVLPDADTF	292	1780
>APC-L1488F VQVLPDADTI	163	>APC-L1488F VQVLPDADTI	62	101
>APC-L1488F VQVLPDADTI	3987	>APC-L1488F VQVLPDADTI	260	3727
>APC-L1488F VQVLPDADTI	688	>APC-L1488F VQVLPDADTI	26	662
>APC-L1488F VQVLPDADTI	468	>APC-L1488F VQVLPDADTI	1946	1478
>APC-L409V- LLEQIRAYC	25	>APC-L409V- VLEQIRAYC	38	13
>APC-L409V- LLEQIRAYCET	35	>APC-L409V- VLEQIRAYCET	49	14
>APC-L409V- LLEQIRAY	212	>APC-L409V- VLEQIRAY	97	115
>APC-L409V- LLEQIRAY	358	>APC-L409V- VLEQIRAY	1117	759
>APC-L409V- LLEQIRAY	367	>APC-L409V- VLEQIRAY	355	12
>APC-L409V- LLEQIRAY	394	>APC-L409V- VLEQIRAY	741	347
>APC-L409V- HLEQIRA	124	>APC-L409V- HVLEQIRA	3449	3325
>APC-L409V- HLEQIRA	340	>APC-L409V- HVLEQIRA	7278	6938
>APC-L409V- HLEQIRA	394	>APC-L409V- HVLEQIRA	4731	4337
>APC-L409V- HLEQIRA	296	>APC-L409V- HVLEQIRA	704	408
>APC-L409V- HLEQIRA	13	>APC-L409V- HVLEQIRA	920	907

>APC-L409V- HLLEQIRAYC	15	>APC-L409V- HVLEQIRAYC	849	834
>APC-L409V- HLLEQIRA	35	>APC-L409V- HVLEQIRA	4362	4327
>APC-L409V- HLLEQIRAYC	69	>APC-L409V- HVLEQIRAYC	4438	4369
>APC-L409V- HLLEQIRA	36	>APC-L409V- HVLEQIRA	3533	3497
>APC-L409V- HLLEQIRA	210	>APC-L409V- HVLEQIRA	5840	5630
>APC-L409V- HLLEQIRAYC	223	>APC-L409V- HVLEQIRAYC	5537	5314
>APC-L409V- HLLEQIRA	10	>APC-L409V- HVLEQIRA	1514	1504
>APC-L409V- HLLEQIRAYC	24	>APC-L409V- HVLEQIRAYC	4511	4487
>APC-L409V- HLLEQIRAY	299	>APC-L409V- HVLEQIRAY	47	252
>APC-L409V- HLLEQIRAY	460	>APC-L409V- HVLEQIRAY	32	428
>APC-L409V- HLLEQIRAY	138	>APC-L409V- HVLEQIRAY	8	130
>APC-L409V- HLLEQIRAY	246	>APC-L409V- HVLEQIRAY	40	206
>APC-L409V- HLLEQIRAY	413	>APC-L409V- HVLEQIRAY	325	88
>APC-L409V- HLLEQIRA	3553	>APC-L409V- HVLEQIRA	477	3076
>APC-L409V- HLLEQIRA	2058	>APC-L409V- HVLEQIRA	352	1706
>APC-L409V- HLLEQIRAY	222	>APC-L409V- HVLEQIRAY	628	406
>APC-L409V- HLLEQIRAY	34	>APC-L409V- HVLEQIRAY	164	130
>APC-L409V- HLLEQIRAY	231	>APC-L409V- HVLEQIRAY	1475	1244
>APC-L409V- HLLEQIRAY	610	>APC-L409V- HVLEQIRAY	111	499
>APC-L409V- HLLEQIRAY	94	>APC-L409V- HVLEQIRAY	25	69
>APC-L409V- HLLEQIRAY	25	>APC-L409V- HVLEQIRAY	15	10
>APC-L409V- RGRREIRVLH	24	>APC-L409V- RGRREIRVLH'	17	7
>APC-L409V- LHLLEQIRAY	215	>APC-L409V- LHVLEQIRAY	380	165
>APC-L409V- VLHLLEQI	344	>APC-L409V- VLHVLEQI	289	55
>APC-L409V- VLHLLEQI	259	>APC-L409V- VLHVLEQI	250	9
>APC-L409V- VLHLLEQI	31	>APC-L409V- VLHVLEQI	22	9
>APC-L409V- VLHLLEQIRA	550	>APC-L409V- VLHVLEQIRA	425	125
>APC-L409V- VLHLLEQI	246	>APC-L409V- VLHVLEQI	149	97
>APC-L409V- VLHLLEQI	32	>APC-L409V- VLHVLEQI	21	11
>APC-L409V- VLHLLEQIRA	59	>APC-L409V- VLHVLEQIRA	40	19
>APC-L409V- VLHLLEQIRA\	461	>APC-L409V- VLHVLEQIRA'	204	257
>APC-L409V- VLHLLEQIRA\	357	>APC-L409V- VLHVLEQIRA'	228	129
>APC-L409V- VLHLLEQIRA\	333	>APC-L409V- VLHVLEQIRA'	159	174
>APC-L409V- VLHLLEQIRA\	608	>APC-L409V- VLHVLEQIRA'	290	318
>APC-L409V- RVLHLLEQI	36	>APC-L409V- RVLHVLEQI	25	11
>APC-L409V- RVLHLLEQIR/	419	>APC-L409V- RVLHVLEQIR/	320	99
>APC-L409V- RVLHLLEQI	154	>APC-L409V- RVLHVLEQI	38	116
>APC-L409V- RVLHLLEQIR/	237	>APC-L409V- RVLHVLEQIR/	227	10
>APC-L409V- RVLHLLEQIR	51	>APC-L409V- RVLHVLEQIR	52	1
>APC-L409V- RVLHLLEQI	21	>APC-L409V- RVLHVLEQI	18	3
>APC-L409V- RVLHLLEQI	169	>APC-L409V- RVLHVLEQI	75	94
>APC-L409V- RVLHLLEQI	471	>APC-L409V- RVLHVLEQI	443	28
>APC-L409V- RVLHLLEQIR	213	>APC-L409V- RVLHVLEQIR	486	273

>APC-L409V- RVLHLLLEQI	141	>APC-L409V- RVLHVLEQI	79	62
>APC-L409V- IRVLHLLEQI	329	>APC-L409V- IRVLHVLEQI	354	25
>APC-L409V- EIRVLHLL	1069	>APC-L409V- EIRVLHVL	325	744
>APC-L409V- REIRVLHLL	35	>APC-L409V- REIRVLHVL	142	107
>APC-L409V- REIRVLHL	1664	>APC-L409V- REIRVLHV	256	1408
>APC-L409V- REIRVLHLL	449	>APC-L409V- REIRVLHVL	1453	1004
>APC-L409V- REIRVLHLL	545	>APC-L409V- REIRVLHVL	197	348
>APC-L409V- REIRVLHLL	2948	>APC-L409V- REIRVLHVL	396	2552
>APC-L409V- REIRVLHL	12	>APC-L409V- REIRVLHV	57	45
>APC-L409V- REIRVLHLL	5	>APC-L409V- REIRVLHVL	5	0
>APC-L409V- REIRVLHL	88	>APC-L409V- REIRVLHV	250	162
>APC-L409V- REIRVLHLL	66	>APC-L409V- REIRVLHVL	47	19
>APC-L409V- REIRVLHL	212	>APC-L409V- REIRVLHV	437	225
>APC-L409V- REIRVLHLL	96	>APC-L409V- REIRVLHVL	220	124
>APC-L409V- REIRVLHL	2267	>APC-L409V- REIRVLHV	219	2048
>APC-L409V- REIRVLHLL	997	>APC-L409V- REIRVLHVL	395	602
>APC-L409V- REIRVLHL	118	>APC-L409V- REIRVLHV	70	48
>APC-L409V- REIRVLHLL	3	>APC-L409V- REIRVLHVL	5	2
>APC-L409V- REIRVLHLLLEC	287	>APC-L409V- REIRVLHVLEC	438	151
>APC-L409V- REIRVLHL	32	>APC-L409V- REIRVLHV	196	164
>APC-L409V- REIRVLHLL	163	>APC-L409V- REIRVLHVL	273	110
>APC-L409V- REIRVLHL	484	>APC-L409V- REIRVLHV	3139	2655
>APC-L409V- REIRVLHLL	56	>APC-L409V- REIRVLHVL	217	161
>APC-L409V- RREIRVLHL	114	>APC-L409V- RREIRVLHV	275	161
>APC-L409V- RREIRVLHLL	13	>APC-L409V- RREIRVLHVL	15	2
>APC-L409V- RREIRVLHLL	1980	>APC-L409V- RREIRVLHVL	349	1631
>APC-L409V- RREIRVLHL	24	>APC-L409V- RREIRVLHV	54	30
>APC-L409V- RREIRVLHLL	12	>APC-L409V- RREIRVLHVL	14	2
>APC-L409V- RREIRVLHLLLE	92	>APC-L409V- RREIRVLHVLE	146	54
>APC-L409V- RREIRVLHL	3	>APC-L409V- RREIRVLHV	11	8
>APC-L409V- RREIRVLHLL	11	>APC-L409V- RREIRVLHVL	12	1
>APC-L409V- RREIRVLHLLLE	161	>APC-L409V- RREIRVLHVLE	278	117
>APC-L409V- GRREIRVLHL	22	>APC-L409V- GRREIRVLHV	134	112
>APC-L409V- GRREIRVLHLI	59	>APC-L409V- GRREIRVLHV	96	37
>APC-L409V- GRREIRVLHL	60	>APC-L409V- GRREIRVLHV	378	318
>APC-L409V- GRREIRVLHLI	35	>APC-L409V- GRREIRVLHV	47	12
>APC-L409V- GRREIRVLHL	30	>APC-L409V- GRREIRVLHV	110	80
>APC-L409V- GRREIRVLHLI	6	>APC-L409V- GRREIRVLHV	11	5
>APC-L662V- LQTLLQHL	111	>APC-L662V- VQTLLQHL	151	40
>APC-L662V- LQTLLQHCLK	138	>APC-L662V- VQTLLQHCLK	55	83
>APC-L662V- LQTLLQHCLK	413	>APC-L662V- VQTLLQHCLK	818	405
>APC-L662V- CLQTLLQHL	247	>APC-L662V- CVQTLLQHL	3011	2764
>APC-L662V- CLQTLLQHKL	87	>APC-L662V- CVQTLLQHKL	4588	4501

>APC-L662V- CLQTLQHL	30	>APC-L662V- CVQTLQHL	5606	5576
>APC-L662V- CLQTLQHLK	208	>APC-L662V- CVQTLQHLK	426	218
>APC-L662V- CLQTLQHLK	389	>APC-L662V- CVQTLQHLK	141	248
>APC-L662V- HRQILRENNC	211	>APC-L662V- HRQILRENNC	484	273
>APC-L662V- HRQILRENNC	359	>APC-L662V- HRQILRENNC	3691	3332
>APC-L662V- HRQILRENNC	220	>APC-L662V- HRQILRENNC	1137	917
>APC-L662V- HRQILRENNC	30	>APC-L662V- HRQILRENNC	256	226
>APC-L662V- ENNCLQTL	468	>APC-L662V- ENNCVQTL	133	335
>APC-L662V- RENNCQTL	410	>APC-L662V- RENNCVQTL	161	249
>APC-L662V- RENNCQTL	7	>APC-L662V- RENNCVQTL	9	2
>APC-L662V- RENNCQTL	37	>APC-L662V- RENNCVQTL	59	22
>APC-L662V- RENNCQTL	18	>APC-L662V- RENNCVQTL	17	1
>APC-L662V- RENNCQTL	75	>APC-L662V- RENNCVQTL	62	13
>APC-L662V- RENNCQTL	460	>APC-L662V- RENNCVQTL	455	5
>APC-L662V- RENNCQTL	534	>APC-L662V- RENNCVQTL	410	124
>APC-L662V- RENNCQTL	217	>APC-L662V- RENNCVQTL	300	83
>APC-L662V- RENNCQTL	261	>APC-L662V- RENNCVQTL	193	68
>APC-L662V- RENNCQTL	608	>APC-L662V- RENNCVQTL	451	157
>APC-L662V- RENNCQTL	314	>APC-L662V- RENNCVQTL	328	14
>APC-L662V- RENNCQTL	19	>APC-L662V- RENNCVQTL	22	3
>APC-L662V- RENNCQTL	62	>APC-L662V- RENNCVQTL	63	1
>APC-L662V- RENNCQTL	586	>APC-L662V- RENNCVQTL	396	190
>APC-L662V- LRENNCQTL	451	>APC-L662V- LRENNCVQTL	462	11
>APC-L662V- LRENNCQTL	220	>APC-L662V- LRENNCVQTL	356	136
>APC-L662V- LRENNCQTL	59	>APC-L662V- LRENNCVQTL	93	34
>APC-L662V- ILRENNCL	104	>APC-L662V- ILRENNCV	93	11
>APC-L662V- ILRENNCQTL	141	>APC-L662V- ILRENNCVQTL	197	56
>APC-L662V- ILRENNCL	574	>APC-L662V- ILRENNCV	42	532
>APC-L662V- ILRENNCQTL	41	>APC-L662V- ILRENNCVQTL	46	5
>APC-L662V- ILRENNCL	216	>APC-L662V- ILRENNCV	22	194
>APC-L662V- ILRENNCQTL	16	>APC-L662V- ILRENNCVQTL	12	4
>APC-L662V- ILRENNCL	164	>APC-L662V- ILRENNCV	24	140
>APC-L662V- ILRENNCQTL	19	>APC-L662V- ILRENNCVQTL	19	0
>APC-L662V- ILRENNCL	1163	>APC-L662V- ILRENNCV	52	1111
>APC-L662V- ILRENNCQTL	287	>APC-L662V- ILRENNCVQTL	216	71
>APC-L662V- ILRENNCL	1287	>APC-L662V- ILRENNCV	55	1232
>APC-L662V- ILRENNCQTL	181	>APC-L662V- ILRENNCVQTL	123	58
>APC-L662V- ILRENNCL	20	>APC-L662V- ILRENNCV	4	16
>APC-L662V- ILRENNCLQ	55	>APC-L662V- ILRENNCVQ	94	39
>APC-L662V- ILRENNCQTL	51	>APC-L662V- ILRENNCVQTL	40	11
>APC-L662V- ILRENNCQTL	3	>APC-L662V- ILRENNCVQTL	3	0
>APC-L662V- ILRENNCQTL	793	>APC-L662V- ILRENNCVQTL	348	445
>APC-L662V- ILRENNCL	495	>APC-L662V- ILRENNCV	1138	643

>APC-L662V- ILRENNCLQTI	224	>APC-L662V- ILRENNCVQT	124	100
>APC-L662V- ILRENNCLQTI	451	>APC-L662V- ILRENNCVQT	351	100
>APC-L662V- RQILRENNCL	2286	>APC-L662V- RQILRENNCV	481	1805
>APC-L662V- RQILRENNCL	56	>APC-L662V- RQILRENNCV	153	97
>APC-L662V- RQILRENNCL	198	>APC-L662V- RQILRENNCV	2283	2085
>APC-L852M LERERGIGL	247	>APC-L852M MERERGIGL	175	72
>APC-L852M LERERGIGL	296	>APC-L852M MERERGIGL	152	144
>APC-L852M LERERGIGL	253	>APC-L852M MERERGIGL	158	95
>APC-L852M LERERGIGL	62	>APC-L852M MERERGIGL	34	28
>APC-L852M SLERERGIGL	744	>APC-L852M SMERERGIGL	497	247
>APC-L852M SLERERGI	378	>APC-L852M SMERERGI	742	364
>APC-L852M SLERERGIGL	35	>APC-L852M SMERERGIGL	63	28
>APC-L852M RSLERERGI	416	>APC-L852M RSMERERGI	182	234
>APC-L852M RSLERERGIGI	812	>APC-L852M RSMERERGIC	321	491
>APC-L852M RSLERERGI	23	>APC-L852M RSMERERGI	19	4
>APC-L852M RSLERERGIGI	6	>APC-L852M RSMERERGIC	5	1
>APC-L852M RSLERERGI	66	>APC-L852M RSMERERGI	53	13
>APC-L852M RSLERERGIGI	600	>APC-L852M RSMERERGIC	371	229
>APC-L852M RSEKDRSLER	305	>APC-L852M RSEKDRSMEF	159	146
>APC-L852M RSEKDRSL	76	>APC-L852M RSEKDRSM	59	17
>APC-L852M RSEKDRSL	147	>APC-L852M RSEKDRSM	43	104
>APC-L852M RSEKDRSL	318	>APC-L852M RSEKDRSM	693	375
>APC-L852M SSRSEKDRSL	442	>APC-L852M SSRSEKDRSM	450	8
>APC-L852M SSRSEKDRSL	109	>APC-L852M SSRSEKDRSM	87	22
>APC-L852M SSRSEKDRSL	1505	>APC-L852M SSRSEKDRSM	137	1368
>APC-L852M SSRSEKDRSLE	440	>APC-L852M SSRSEKDRSM	360	80
>APC-M1431 MPPSRSKTP	249	>APC-M1431 RPPSRSKTP	302	53
>APC-M1431 MPPSRSKTPF	1108	>APC-M1431 RPPSRSKTPP	308	800
>APC-M1431 MPPSRSKTPF	205	>APC-M1431 RPPSRSKTPPI	10102	9897
>APC-M1431 TMPPSRSK	185	>APC-M1431 TRPPSRSK	20832	20647
>APC-M1431 TMPPSRSK	330	>APC-M1431 TRPPSRSK	22346	22016
>APC-M1431 QTMPPSRSK	103	>APC-M1431 QTRPPSRSK	230	127
>APC-M1431 QTMPPSRSK	26	>APC-M1431 QTRPPSRSK	2323	2297
>APC-M1431 QTMPPSRS	10019	>APC-M1431 QTRPPSRS	417	9602
>APC-M1431 QTMPPSRSK	33	>APC-M1431 QTRPPSRSK	4	29
>APC-M1431 QTMPPSRSK	8617	>APC-M1431 QTRPPSRSKT	245	8372
>APC-M1431 QTMPPSRSK	8858	>APC-M1431 QTRPPSRSKT	340	8518
>APC-M1431 QTMPPSRSK	296	>APC-M1431 QTRPPSRSK	3166	2870
>APC-M1431 QTMPPSRS	258	>APC-M1431 QTRPPSRS	13419	13161
>APC-M1431 QTMPPSRSK	392	>APC-M1431 QTRPPSRSKT	210	182
>APC-M1431 QTMPPSRSK	240	>APC-M1431 QTRPPSRSK	1959	1719
>APC-M1431 GQTMPPSRS	284	>APC-M1431 GQTRPPSRSK	1372	1088
>APC-M1431 DSPGQTMPP	191	>APC-M1431 DSPGQTRPPS	524	333

>APC-M1431 LPDSPGQTM	355	>APC-M1431 LPDSPGQTR	39919	39564
>APC-M1431 LPDSPGQTM	36	>APC-M1431 LPDSPGQTR	11955	11919
>APC-M1431 LPDSPGQTM	37	>APC-M1431 LPDSPGQTR	6962	6925
>APC-M1431 LPDSPGQTM	248	>APC-M1431 LPDSPGQTR	17175	16927
>APC-M1431 DLPDSPGQTF	35500	>APC-M1431 DLPDSPGQTF	246	35254
>APC-N813S- NFNTGNMTV	495	>APC-N813S- SFNTGNMTV	58	437
>APC-N813S- NFNTGNMTV	218	>APC-N813S- SFNTGNMTV	30	188
>APC-N813S- NFNTGNMTV	4614	>APC-N813S- SFNTGNMTV	421	4193
>APC-N813S- DNFNTGNM	793	>APC-N813S- DNFNTGNM	148	645
>APC-N813S- DNFNTGNM1	1138	>APC-N813S- DNFNTGNM1	91	1047
>APC-N813S- DNFNTGNM1	2723	>APC-N813S- DNFNTGNM1	117	2606
>APC-N813S- DNFNTGNM1	23478	>APC-N813S- DNFNTGNM1	405	23073
>APC-N813S- DNFNTGNM1	2400	>APC-N813S- DNFNTGNM1	134	2266
>APC-N813S- SDNFNTGNV	197	>APC-N813S- SDSNFNTGNV	192	5
>APC-N813S- RSDNFNTGN	17	>APC-N813S- RSDNFNTGN	14	3
>APC-N813S- RSDNFNTGN	27	>APC-N813S- RSDNFNTGN	27	0
>APC-N813S- RHDDNRSDN	724	>APC-N813S- RHDDNRSDN	480	244
>APC-N813S- NRHDDNRSD	376	>APC-N813S- NRHDDNRSD	234	142
>APC-N942D NSNRTCSMP'	112	>APC-N942D DSNRTCSMP'	1072	960
>APC-N942D NSNRTCSMP'	73	>APC-N942D DSNRTCSMP'	383	310
>APC-N942D NSNRTCSMP'	254	>APC-N942D DSNRTCSMP'	764	510
>APC-N942D NSNRTCSMP'	250	>APC-N942D DSNRTCSMP'	264	14
>APC-N942D ENSNRTCSM	292	>APC-N942D EDSNRTCSM	1459	1167
>APC-N942D SENSNRTC	191	>APC-N942D SEDSNRTC	162	29
>APC-N942D SENSNRTCSM	104	>APC-N942D SEDSNRTCSM	340	236
>APC-N942D SENSNRTCS	436	>APC-N942D SEDSNRTCS	3797	3361
>APC-N942D KSENSNRTCS	12	>APC-N942D KSEDSNRTCS	9	3
>APC-N942D KSENSNRTCS	148	>APC-N942D KSEDSNRTCS	266	118
>APC-N942D TKSENSNR	480	>APC-N942D TKSEDSNR	915	435
>APC-N942D FTKSENSNR	222	>APC-N942D FTKSEDSNR	515	293
>APC-N942D FTKSENSNR	145	>APC-N942D FTKSEDSNR	248	103
>APC-N942D FTKSENSNR	7	>APC-N942D FTKSEDSNR	9	2
>APC-N942D NFTKSENSNR	402	>APC-N942D NFTKSEDSNR	1002	600
>APC-N942D NFTKSENSNR	264	>APC-N942D NFTKSEDSNR	461	197
>APC-N942D NFTKSENSNR	144	>APC-N942D NFTKSEDSNR	184	40
>APC-N942D NFTKSENSNR	232	>APC-N942D NFTKSEDSNR	396	164
>APC-N942D YNFTKSENSN	49	>APC-N942D YNFTKSEDSN	74	25
>APC-N942D YNFTKSENSN	257	>APC-N942D YNFTKSEDSN	350	93
>APC-P1319L PVSEVPAV	4864	>APC-P1319L LVSEVPAV	53	4811
>APC-P1319L PVSEVPAV	2064	>APC-P1319L LVSEVPAV	36	2028
>APC-P1319L PVSEVPAV	985	>APC-P1319L LVSEVPAV	10	975
>APC-P1319L PVSEVPAV	1158	>APC-P1319L LVSEVPAV	13	1145
>APC-P1319L PVSEVPAV	111	>APC-P1319L LVSEVPAV	7	104

>APC-P1319I PVSEVPAV	3457	>APC-P1319I LVSEVPAV	81	3376
>APC-P1319I PVSEVPAV	309	>APC-P1319I LVSEVPAV	29	280
>APC-P1319I PVSEVPAV	289	>APC-P1319I LVSEVPAV	22	267
>APC-P1319I PVSEVPAV	190	>APC-P1319I LVSEVPAV	5	185
>APC-P1319I PVSEVPAV	1516	>APC-P1319I LVSEVPAV	97	1419
>APC-P1319I PVSEVPAV	509	>APC-P1319I LVSEVPAV	50	459
>APC-P1319I DPVSEVPAV	21359	>APC-P1319I DLVSEVPAV	298	21061
>APC-P1319I DPVSEVPAV	20975	>APC-P1319I DLVSEVPAV	17	20958
>APC-P1319I DPVSEVPAV	23882	>APC-P1319I DLVSEVPAV	128	23754
>APC-P1319I DPVSEVPAV	22149	>APC-P1319I DLVSEVPAV	25	22124
>APC-P1319I DPVSEVPAV	21306	>APC-P1319I DLVSEVPAV	18	21288
>APC-P1319I DPVSEVPAV	26711	>APC-P1319I DLVSEVPAV	12	26699
>APC-P1319I DPVSEVPAV	1597	>APC-P1319I DLVSEVPAV	402	1195
>APC-P1319I DPVSEVPAV	187	>APC-P1319I DLVSEVPAV	61	126
>APC-P1319I DPVSEVPA	320	>APC-P1319I DLVSEVPA	13351	13031
>APC-P1319I DPVSEVPAV	313	>APC-P1319I DLVSEVPAV	14220	13907
>APC-P1319I DPVSEVPA	196	>APC-P1319I DLVSEVPA	27841	27645
>APC-P1319I EDPVSEVPAV	1124	>APC-P1319I EDLVSEVPAV	107	1017
>APC-P1319I AEDPVSEV	4971	>APC-P1319I AEDLVSEV	338	4633
>APC-P1319I AEDPVSEVPA	287	>APC-P1319I AEDLVSEVPA	977	690
>APC-P1319I AEDPVSEV	380	>APC-P1319I AEDLVSEV	367	13
>APC-P1319I AEDPVSEVPA	84	>APC-P1319I AEDLVSEVPA	102	18
>APC-P1319I AEDPVSEV	931	>APC-P1319I AEDLVSEV	453	478
>APC-P1319I AEDPVSEVPA	600	>APC-P1319I AEDLVSEVPA	345	255
>APC-P1319I AEDPVSEVPA	523	>APC-P1319I AEDLVSEVPA	453	70
>APC-P1319I AEDPVSEVPA	648	>APC-P1319I AEDLVSEVPA	450	198
>APC-P1319I AEDPVSEV	242	>APC-P1319I AEDLVSEV	217	25
>APC-P1319I AEDPVSEVPA	36	>APC-P1319I AEDLVSEVPA	27	9
>APC-P1319I AEDPVSEVPA	92	>APC-P1319I AEDLVSEVPA	95	3
>APC-P1319I AEDPVSEV	438	>APC-P1319I AEDLVSEV	219	219
>APC-P1319I AEDPVSEVPA	50	>APC-P1319I AEDLVSEVPA	18	32
>APC-P1319I SAEDPVSEV	586	>APC-P1319I SAEDLVSEV	265	321
>APC-P1319I SAEDPVSEV	135	>APC-P1319I SAEDLVSEV	266	131
>APC-P1319I SAEDPVSEV	26	>APC-P1319I SAEDLVSEV	25	1
>APC-P1319I SAEDPVSEV	155	>APC-P1319I SAEDLVSEV	283	128
>APC-P1319I SAEDPVSEV	215	>APC-P1319I SAEDLVSEV	567	352
>APC-P1319I RSAEDPVSEV	150	>APC-P1319I RSAEDLVSEV	200	50
>APC-P1319I RSAEDPVSEV	115	>APC-P1319I RSAEDLVSEV	160	45
>APC-P1319I RSAEDPVSEV	419	>APC-P1319I RSAEDLVSEV	737	318
>APC-P1319I RSAEDPVSEV	73	>APC-P1319I RSAEDLVSEV	72	1
>APC-P1319I RSAEDPVSEV	415	>APC-P1319I RSAEDLVSEV	541	126
>APC-P1319I GTRSAEDPV	344	>APC-P1319I GTRSAEDLV	793	449
>APC-P1319I GTRSAEDP	21974	>APC-P1319I GTRSAEDL	151	21823



>APC-P1319L GTRSAEDPV	611	>APC-P1319L GTRSAEDLV	36	575
>APC-P1319L KIGTRSAEDP'	376	>APC-P1319L KIGTRSAEDL\	285	91
>APC-P1319L KIGTRSAEDP'	335	>APC-P1319L KIGTRSAEDL\	589	254
>APC-P1319L KIGTRSAEDP'	306	>APC-P1319L KIGTRSAEDL\	718	412
>APC-P1319L KIGTRSAEDP'	189	>APC-P1319L KIGTRSAEDL\	387	198
>APC-P1319L KIGTRSAEDP'	224	>APC-P1319L KIGTRSAEDL\	771	547
>APC-P1319L KIGTRSAEDP'	146	>APC-P1319L KIGTRSAEDL\	186	40
>APC-P1319L KIGTRSAEDP'	144	>APC-P1319L KIGTRSAEDL\	112	32
>APC-P1319\ PVSEVPAV	4864	>APC-P1319\ TVSEVPAV	127	4737
>APC-P1319\ PVSEVPAV	2064	>APC-P1319\ TVSEVPAV	117	1947
>APC-P1319\ PVSEVPAV	985	>APC-P1319\ TVSEVPAV	20	965
>APC-P1319\ PVSEVPAV	1158	>APC-P1319\ TVSEVPAV	27	1131
>APC-P1319\ PVSEVPAV	111	>APC-P1319\ TVSEVPAV	22	89
>APC-P1319\ PVSEVPAV	3457	>APC-P1319\ TVSEVPAV	295	3162
>APC-P1319\ PVSEVPAV	309	>APC-P1319\ TVSEVPAV	61	248
>APC-P1319\ PVSEVPAV	289	>APC-P1319\ TVSEVPAV	83	206
>APC-P1319\ PVSEVPAV	190	>APC-P1319\ TVSEVPAV	22	168
>APC-P1319\ PVSEVPAV	1516	>APC-P1319\ TVSEVPAV	18	1498
>APC-P1319\ PVSEVPAVS	16141	>APC-P1319\ TVSEVPAVS	273	15868
>APC-P1319\ PVSEVPAV	509	>APC-P1319\ TVSEVPAV	12	497
>APC-P1319\ DPVSEVPAV	16709	>APC-P1319\ DTVSEVPAV	204	16505
>APC-P1319\ DPVSEVPAV	1597	>APC-P1319\ DTVSEVPAV	13	1584
>APC-P1319\ DPVSEVPAVS	15243	>APC-P1319\ DTVSEVPAVS	357	14886
>APC-P1319\ DPVSEVPAVS	9582	>APC-P1319\ DTVSEVPAVS	149	9433
>APC-P1319\ DPVSEVPA	14860	>APC-P1319\ DTVSEVPA	123	14737
>APC-P1319\ DPVSEVPAV	13851	>APC-P1319\ DTVSEVPAV	192	13659
>APC-P1319\ DPVSEVPAV	187	>APC-P1319\ DTVSEVPAV	8	179
>APC-P1319\ DPVSEVPA	320	>APC-P1319\ DTVSEVPA	13348	13028
>APC-P1319\ DPVSEVPAV	313	>APC-P1319\ DTVSEVPAV	14245	13932
>APC-P1319\ DPVSEVPA	196	>APC-P1319\ DTVSEVPA	29348	29152
>APC-P1319\ EDPVSEVPAV	1124	>APC-P1319\ EDTVSEVPAV	133	991
>APC-P1319\ AEDPVSEVPA	287	>APC-P1319\ AEDTVSEVPA	873	586
>APC-P1319\ AEDPVSEV	380	>APC-P1319\ AEDTVSEV	239	141
>APC-P1319\ AEDPVSEVPA	84	>APC-P1319\ AEDTVSEVPA	65	19
>APC-P1319\ AEDPVSEV	242	>APC-P1319\ AEDTVSEV	199	43
>APC-P1319\ AEDPVSEVPA	36	>APC-P1319\ AEDTVSEVPA	41	5
>APC-P1319\ AEDPVSEVPA	92	>APC-P1319\ AEDTVSEVPA	83	9
>APC-P1319\ AEDPVSEV	438	>APC-P1319\ AEDTVSEV	720	282
>APC-P1319\ AEDPVSEVPA	50	>APC-P1319\ AEDTVSEVPA	14	36
>APC-P1319\ SAEDPVSEV	586	>APC-P1319\ SAEDTVSEV	311	275
>APC-P1319\ SAEDPVSEV	135	>APC-P1319\ SAEDTVSEV	198	63
>APC-P1319\ SAEDPVSEV	26	>APC-P1319\ SAEDTVSEV	16	10
>APC-P1319\ SAEDPVSEV	155	>APC-P1319\ SAEDTVSEV	997	842

>APC-P13191SAEDPVSEV	215	>APC-P13191SAEDTVSEV	492	277
>APC-P13191RSAEDPVSEV	150	>APC-P13191RSAEDTVSEV	255	105
>APC-P13191RSAEDPVSEV	115	>APC-P13191RSAEDTVSEV	72	43
>APC-P13191RSAEDPVSEV	419	>APC-P13191RSAEDTVSEV	323	96
>APC-P13191RSAEDPVSEV	73	>APC-P13191RSAEDTVSEV	65	8
>APC-P13191RSAEDPVSEV	415	>APC-P13191RSAEDTVSEV	524	109
>APC-P13191GTRSAEDPV	344	>APC-P13191GTRSAEDTV	913	569
>APC-P13191GTRSAEDPV	611	>APC-P13191GTRSAEDTV	40	571
>APC-P13191KIGTRSAEDP'	376	>APC-P13191KIGTRSAEDT'	779	403
>APC-P13191KIGTRSAEDP'	335	>APC-P13191KIGTRSAEDT'	528	193
>APC-P13191KIGTRSAEDP'	306	>APC-P13191KIGTRSAEDT'	580	274
>APC-P13191KIGTRSAEDP'	189	>APC-P13191KIGTRSAEDT'	135	54
>APC-P13191KIGTRSAEDP'	224	>APC-P13191KIGTRSAEDT'	149	75
>APC-P13191KIGTRSAEDP'	146	>APC-P13191KIGTRSAEDT'	104	42
>APC-P13191KIGTRSAEDP'	144	>APC-P13191KIGTRSAEDT'	66	78
>APC-P1361LPSKSGAQTPK	3312	>APC-P1361LSKSGAQTPK	328	2984
>APC-P1361LPSKSGAQTPK	1769	>APC-P1361LSKSGAQTPK	212	1557
>APC-P1361LPSKSGAQTPK	41	>APC-P1361LSKSGAQTPK	9	32
>APC-P1361LSPSKSGAQT	22694	>APC-P1361LSLSKSGAQT	277	22417
>APC-P1361LSPSKSGAQT	35880	>APC-P1361LSLSKSGAQT	103	35777
>APC-P1361LSPSKSGAQTP	12305	>APC-P1361LSLSKSGAQTP	46	12259
>APC-P1361LSPSKSGAQTP	6174	>APC-P1361LSLSKSGAQTP	36	6138
>APC-P1361LSPSKSGAQTP	13634	>APC-P1361LSLSKSGAQTP	341	13293
>APC-P1361LSPSKSGAQ	459	>APC-P1361LSLSKSGAQ	22359	21900
>APC-P1361LSPSKSGAQT	251	>APC-P1361LSLSKSGAQT	22991	22740
>APC-P1361LKSPSKSGA	5013	>APC-P1361KSLSKSGA	298	4715
>APC-P1361LKSPSKSGAQT	3804	>APC-P1361KSLSKSGAQT	173	3631
>APC-P1361LAKSPSKSGA	495	>APC-P1361AKSLSKSGA	1326	831
>APC-P1361LSGAKSPSK	831	>APC-P1361LSGAKSLSK	376	455
>APC-P1361LSSGAKSPSK	281	>APC-P1361LSSGAKSLSK	108	173
>APC-P1361LSSGAKSPSK	42	>APC-P1361LSSGAKSLSK	20	22
>APC-P1361LSSGAKSPSK	33	>APC-P1361LSSGAKSLSK	49	16
>APC-P1361LFSSGAKSP	18809	>APC-P1361LFSSGAKSL	422	18387
>APC-P1361LFSSGAKSPSK	282	>APC-P1361LFSSGAKSLSK	46	236
>APC-P1361LFSSGAKSPSK	31	>APC-P1361LFSSGAKSLSK	14	17
>APC-P1361LFSSGAKSPSK	89	>APC-P1361LFSSGAKSLSK	61	28
>APC-P1361LFSSGAKSP	16537	>APC-P1361LFSSGAKSL	25	16512
>APC-P1361LFSSGAKSP	5328	>APC-P1361LFSSGAKSL	91	5237
>APC-P1361LFSSGAKSPS	3432	>APC-P1361LFSSGAKSLS	287	3145
>APC-P1361LFSSGAKSP	25231	>APC-P1361LFSSGAKSL	444	24787
>APC-P1361LEFSSGAKSPSI	280	>APC-P1361LEFSSGAKSLSK	373	93
>APC-P1361LEFSSGAKSP	5151	>APC-P1361LEFSSGAKSL	114	5037
>APC-P1361LEFSSGAKSP	1703	>APC-P1361LEFSSGAKSL	32	1671

>APC-P1361L VEFSSGAKSP	5700	>APC-P1361L VEFSSGAKSL	331	5369
>APC-P1361L VEFSSGAKSP	3531	>APC-P1361L VEFSSGAKSL	381	3150
>APC-P1361L VEFSSGAKSP	12329	>APC-P1361L VEFSSGAKSL	21	12308
>APC-P1369F PKSPPEHY	190	>APC-P1369F HKSPPEHY	17	173
>APC-P1369F PKSPPEHYV	2847	>APC-P1369F HKSPPEHYV	439	2408
>APC-P1369F TPKSPPEHYV	100	>APC-P1369F THKSPPEHYV	27719	27619
>APC-P1369F TPKSPPEHYV	137	>APC-P1369F THKSPPEHYV	20425	20288
>APC-P1369F TPKSPPEHY	2947	>APC-P1369F THKSPPEHY	308	2639
>APC-P1369F QTPKSPPEHY	274	>APC-P1369F QTHKSPPEHY	701	427
>APC-P1369F QTPKSPPEHY	238	>APC-P1369F QTHKSPPEHY	109	129
>APC-P1369F QTPKSPPEHY	500	>APC-P1369F QTHKSPPEHY	409	91
>APC-P1369F QTPKSPPEHY	32	>APC-P1369F QTHKSPPEHY	20	12
>APC-P1369F QTPKSPPEHY	125	>APC-P1369F QTHKSPPEHY	74	51
>APC-P1369F QTPKSPPEHY	337	>APC-P1369F QTHKSPPEHY	618	281
>APC-P1369F QTPKSPPEHY	7856	>APC-P1369F QTHKSPPEHY	99	7757
>APC-P1369F QTPKSPPEHY	25	>APC-P1369F QTHKSPPEHY	27	2
>APC-P1369F QTPKSPPEHY	75	>APC-P1369F QTHKSPPEHY	58	17
>APC-P1369F QTPKSPPEHY	1008	>APC-P1369F QTHKSPPEHY	108	900
>APC-P1369F QTPKSPPEHY	2894	>APC-P1369F QTHKSPPEHY	400	2494
>APC-P1369F QTPKSPPEHY	2071	>APC-P1369F QTHKSPPEHY	222	1849
>APC-P1369F QTPKSPPEHY	293	>APC-P1369F QTHKSPPEHY	13	280
>APC-P1369F QTPKSPPEHY	9	>APC-P1369F QTHKSPPEHY	1965	1956
>APC-P1369F QTPKSPPEHY	106	>APC-P1369F QTHKSPPEHY	82	24
>APC-P1369F AQTPKSPPEH	410	>APC-P1369F AQTHKSPPEH	379	31
>APC-P1369F AQTPKSPPEH	87	>APC-P1369F AQTHKSPPEH	97	10
>APC-P1369F AQTPKSPPEH	22	>APC-P1369F AQTHKSPPEH	18	4
>APC-P1369F KSGAQTPK	96	>APC-P1369F KSGAQTHK	98	2
>APC-P1369F KSGAQTPK	34	>APC-P1369F KSGAQTHK	99	65
>APC-P1369F KSGAQTPK	20	>APC-P1369F KSGAQTHK	35	15
>APC-P1369F KSGAQTPK	209	>APC-P1369F KSGAQTHK	171	38
>APC-P1369F PSKSGAQTPK	41	>APC-P1369F PSKSGAQTHK	72	31
>APC-P1373S PEHYVQETPL	2231	>APC-P1373S SEHYVQETPL	203	2028
>APC-P1373S PEHYVQETPL	895	>APC-P1373S SEHYVQETPL	59	836
>APC-P1373S PEHYVQETPL	2576	>APC-P1373S SEHYVQETPL	448	2128
>APC-P1373S PEHYVQETPL	1305	>APC-P1373S SEHYVQETPL	150	1155
>APC-P1373S PEHYVQET	3419	>APC-P1373S SEHYVQET	144	3275
>APC-P1373S PEHYVQETPL	210	>APC-P1373S SEHYVQETPL	63	147
>APC-P1373S PEHYVQETPL	4182	>APC-P1373S SEHYVQETPL	189	3993
>APC-P1373S PEHYVQETPL	3459	>APC-P1373S SEHYVQETPL	367	3092
>APC-P1373S PEHYVQET	900	>APC-P1373S SEHYVQET	24	876
>APC-P1373S PEHYVQETPL	9699	>APC-P1373S SEHYVQETPL	386	9313
>APC-P1373S PEHYVQETPL	9914	>APC-P1373S SEHYVQETPL	366	9548
>APC-P1373S PEHYVQETPL	5236	>APC-P1373S SEHYVQETPL	499	4737

>APC-P1373 $\epsilon$ PEHYVQETPL	228	>APC-P1373 $\epsilon$ SEHYVQETPL	24	204
>APC-P1373 $\epsilon$ KSPPEHYV	436	>APC-P1373 $\epsilon$ KSPSEHYV	785	349
>APC-P1373 $\epsilon$ KSPPEHYV	40	>APC-P1373 $\epsilon$ KSPSEHYV	291	251
>APC-P1373 $\epsilon$ KSPPEHYVQ	23	>APC-P1373 $\epsilon$ KSPSEHYVQ	32	9
>APC-P1373 $\epsilon$ KSPPEHYVQE	235	>APC-P1373 $\epsilon$ KSPSEHYVQE	302	67
>APC-P1373 $\epsilon$ PKSPPEHY	190	>APC-P1373 $\epsilon$ PKSPSEHY	100	90
>APC-P1373 $\epsilon$ TPKSPPEHYV	100	>APC-P1373 $\epsilon$ TPKSPSEHYV	61	39
>APC-P1373 $\epsilon$ TPKSPPEHYV	137	>APC-P1373 $\epsilon$ TPKSPSEHYV	133	4
>APC-P1373 $\epsilon$ QTPKSPPEHY	274	>APC-P1373 $\epsilon$ QTPKSPSEHY	369	95
>APC-P1373 $\epsilon$ QTPKSPPEHY	238	>APC-P1373 $\epsilon$ QTPKSPSEHY	435	197
>APC-P1373 $\epsilon$ QTPKSPPEHY	32	>APC-P1373 $\epsilon$ QTPKSPSEHY	43	11
>APC-P1373 $\epsilon$ QTPKSPPEHY	125	>APC-P1373 $\epsilon$ QTPKSPSEHY	130	5
>APC-P1373 $\epsilon$ QTPKSPPEHY	337	>APC-P1373 $\epsilon$ QTPKSPSEHY	432	95
>APC-P1373 $\epsilon$ QTPKSPPEHY	25	>APC-P1373 $\epsilon$ QTPKSPSEHY	15	10
>APC-P1373 $\epsilon$ QTPKSPPEHY	75	>APC-P1373 $\epsilon$ QTPKSPSEHY	229	154
>APC-P1373 $\epsilon$ QTPKSPPEHY	293	>APC-P1373 $\epsilon$ QTPKSPSEHY	156	137
>APC-P1373 $\epsilon$ QTPKSPPEHY	835	>APC-P1373 $\epsilon$ QTPKSPSEHY	478	357
>APC-P1373 $\epsilon$ QTPKSPPEHY	9	>APC-P1373 $\epsilon$ QTPKSPSEHY	11	2
>APC-P1373 $\epsilon$ QTPKSPPEHY	106	>APC-P1373 $\epsilon$ QTPKSPSEHY	135	29
>APC-P1373 $\epsilon$ QTPKSPPEHY	410	>APC-P1373 $\epsilon$ QTPKSPSEHY	258	152
>APC-P1373 $\epsilon$ AQTPKSPPEH	87	>APC-P1373 $\epsilon$ AQTPKSPSEH	48	39
>APC-P1373 $\epsilon$ AQTPKSPPEH	22	>APC-P1373 $\epsilon$ AQTPKSPSEH	21	1
>APC-P1373 $\eta$ PEHYVQETPL	2231	>APC-P1373 $\eta$ TEHYVQETPL	257	1974
>APC-P1373 $\eta$ PEHYVQETPL	895	>APC-P1373 $\eta$ TEHYVQETPL	63	832
>APC-P1373 $\eta$ PEHYVQETPL	1305	>APC-P1373 $\eta$ TEHYVQETPL	158	1147
>APC-P1373 $\eta$ PEHYVQET	3419	>APC-P1373 $\eta$ TEHYVQET	151	3268
>APC-P1373 $\eta$ PEHYVQETPL	210	>APC-P1373 $\eta$ TEHYVQETPL	73	137
>APC-P1373 $\eta$ PEHYVQETPL	4182	>APC-P1373 $\eta$ TEHYVQETPL	187	3995
>APC-P1373 $\eta$ PEHYVQET	900	>APC-P1373 $\eta$ TEHYVQET	58	842
>APC-P1373 $\eta$ PEHYVQETPL	5236	>APC-P1373 $\eta$ TEHYVQETPL	429	4807
>APC-P1373 $\eta$ PEHYVQETPL	228	>APC-P1373 $\eta$ TEHYVQETPL	38	190
>APC-P1373 $\eta$ KSPPEHYV	436	>APC-P1373 $\eta$ KSPTEHYV	1015	579
>APC-P1373 $\eta$ KSPPEHYV	40	>APC-P1373 $\eta$ KSPTEHYV	180	140
>APC-P1373 $\eta$ KSPPEHYVQ	23	>APC-P1373 $\eta$ KSPTEHYVQ	67	44
>APC-P1373 $\eta$ KSPPEHYVQE	235	>APC-P1373 $\eta$ KSPTEHYVQE	566	331
>APC-P1373 $\eta$ PKSPPEHY	190	>APC-P1373 $\eta$ PKSPTEHY	162	28
>APC-P1373 $\eta$ TPKSPPEHYV	100	>APC-P1373 $\eta$ TPKSPTEHYV	84	16
>APC-P1373 $\eta$ TPKSPPEHYV	137	>APC-P1373 $\eta$ TPKSPTEHYV	92	45
>APC-P1373 $\eta$ QTPKSPPEHY	274	>APC-P1373 $\eta$ QTPKSPTEHY	269	5
>APC-P1373 $\eta$ QTPKSPPEHY	238	>APC-P1373 $\eta$ QTPKSPTEHY	399	161
>APC-P1373 $\eta$ QTPKSPPEHY	32	>APC-P1373 $\eta$ QTPKSPTEHY	40	8
>APC-P1373 $\eta$ QTPKSPPEHY	125	>APC-P1373 $\eta$ QTPKSPTEHY	68	57
>APC-P1373 $\eta$ QTPKSPPEHY	337	>APC-P1373 $\eta$ QTPKSPTEHY	278	59

>APC-P13731QTPKSPPEHY	25	>APC-P13731QTPKSPTEHY	16	9
>APC-P13731QTPKSPPEHY	75	>APC-P13731QTPKSPTEHY	184	109
>APC-P13731QTPKSPPEHY	293	>APC-P13731QTPKSPTEHY	246	47
>APC-P13731QTPKSPPEHY	835	>APC-P13731QTPKSPTEHY	449	386
>APC-P13731QTPKSPPEHY	9	>APC-P13731QTPKSPTEHY	12	3
>APC-P13731QTPKSPPEHY	106	>APC-P13731QTPKSPTEHY	204	98
>APC-P13731AQTPKSPPEH	410	>APC-P13731AQTPKSPTEH	268	142
>APC-P13731AQTPKSPPEH	87	>APC-P13731AQTPKSPTEH	58	29
>APC-P13731AQTPKSPPEH	22	>APC-P13731AQTPKSPTEH	27	5
>APC-P1420LSPSDLPDSP	34877	>APC-P1420LSLSDLPDSP	301	34576
>APC-P1420LSPSDLPDSPG	26441	>APC-P1420LSLSDLPDSPG	488	25953
>APC-P1420LSPSDLPDSPG	33563	>APC-P1420LSLSDLPDSPG	379	33184
>APC-P1420LSPSDLPDSPG	23544	>APC-P1420LSLSDLPDSPG	201	23343
>APC-P1420LSPSDLPDS	36113	>APC-P1420LSLSDLPDS	499	35614
>APC-P1420LSPSDLPDSPG	32063	>APC-P1420LSLSDLPDSPG	33	32030
>APC-P1420LCSGMVSGIISI	17499	>APC-P1420LCSGMVSGIISI	88	17411
>APC-P1420LGIISPSDL	1620	>APC-P1420LGIISLSDL	237	1383
>APC-P1420LGIISPSDL	804	>APC-P1420LGIISLSDL	237	567
>APC-P1420LVSGIISPSDL	101	>APC-P1420LVSGIISLSDL	69	32
>APC-P1420LVSGIISPSDL	299	>APC-P1420LVSGIISLSDL	1033	734
>APC-P1420LMVSGIISP	20858	>APC-P1420LMVSGIISL	79	20779
>APC-P1420LMVSGIISP	1552	>APC-P1420LMVSGIISL	10	1542
>APC-P1420LMVSGIISPS	144	>APC-P1420LMVSGIISLS	110	34
>APC-P1420LMVSGIISPSDI	55	>APC-P1420LMVSGIISLSDI	23	32
>APC-P1420LMVSGIISP	8179	>APC-P1420LMVSGIISL	43	8136
>APC-P1420LMVSGIISPS	225	>APC-P1420LMVSGIISLS	558	333
>APC-P1420LMVSGIISPSDI	57	>APC-P1420LMVSGIISLSDI	33	24
>APC-P1420LMVSGIISP	6137	>APC-P1420LMVSGIISL	33	6104
>APC-P1420LMVSGIISPSDI	1119	>APC-P1420LMVSGIISLSDI	346	773
>APC-P1420LMVSGIISP	16906	>APC-P1420LMVSGIISL	113	16793
>APC-P1420LMVSGIISP	23227	>APC-P1420LMVSGIISL	252	22975
>APC-P1420LMVSGIISP	14639	>APC-P1420LMVSGIISL	9	14630
>APC-P1420LMVSGIISPSDI	69	>APC-P1420LMVSGIISLSDI	33	36
>APC-P1420LMVSGIISP	11136	>APC-P1420LMVSGIISL	291	10845
>APC-P1420LMVSGIISPS	1004	>APC-P1420LMVSGIISLS	304	700
>APC-P1420LMVSGIISP	1489	>APC-P1420LMVSGIISL	8	1481
>APC-P1420LMVSGIISPS	7	>APC-P1420LMVSGIISLS	13	6
>APC-P1420LMVSGIISPSDI	32	>APC-P1420LMVSGIISLSDI	27	5
>APC-P1420LMVSGIISP	9974	>APC-P1420LMVSGIISL	419	9555
>APC-P1420LMVSGIISPS	4553	>APC-P1420LMVSGIISLS	463	4090
>APC-P1420LMVSGIISPSDI	367	>APC-P1420LMVSGIISLSDI	165	202
>APC-P1420LGMVSGIISP	17904	>APC-P1420LGMVSGIISL	22	17882
>APC-P1420LGMVSGIISP	4419	>APC-P1420LGMVSGIISL	17	4402

>APC-P1420L GMVSGIISPS	414	>APC-P1420L GMVSGIISLS	421	7
>APC-P1420L GMVSGIISP	3877	>APC-P1420L GMVSGIISL	11	3866
>APC-P1420L GMVSGIISP	5891	>APC-P1420L GMVSGIISL	27	5864
>APC-P1420L GMVSGIISP	2456	>APC-P1420L GMVSGIISL	4	2452
>APC-P1420L GMVSGIISPS	440	>APC-P1420L GMVSGIISLS	826	386
>APC-P1420L GMVSGIISP	5857	>APC-P1420L GMVSGIISL	7	5850
>APC-P1420L GMVSGIISP	9038	>APC-P1420L GMVSGIISL	12	9026
>APC-P1420L GMVSGIISP	21125	>APC-P1420L GMVSGIISL	144	20981
>APC-P1420L GMVSGIISP	5782	>APC-P1420L GMVSGIISL	3	5779
>APC-P1420L GMVSGIISP	5370	>APC-P1420L GMVSGIISL	240	5130
>APC-P1420L GMVSGIISP	3933	>APC-P1420L GMVSGIISL	165	3768
>APC-P1420L GMVSGIISP	20338	>APC-P1420L GMVSGIISL	159	20179
>APC-P1420L GMVSGIISP	19066	>APC-P1420L GMVSGIISL	305	18761
>APC-P1420L SGMVSGIISP	21603	>APC-P1420L SGMVSGIISL	423	21180
>APC-P1432F MPPSRSKTP	249	>APC-P1432F MHPSRSKTP	2629	2380
>APC-P1432F MPPSRSKTPF	205	>APC-P1432F MHPSRSKTPF	19679	19474
>APC-P1432F TMPPSRSK	185	>APC-P1432F TMHPSRSK	58	127
>APC-P1432F TMPPSRSK	330	>APC-P1432F TMHPSRSK	59	271
>APC-P1432F TMPPSRSK	3692	>APC-P1432F TMHPSRSK	18	3674
>APC-P1432F QTMPPSRSK	103	>APC-P1432F QTMHPSRSK	85	18
>APC-P1432F QTMPPSRSK	26	>APC-P1432F QTMHPSRSK	43	17
>APC-P1432F QTMPPSRSK	33	>APC-P1432F QTMHPSRSK	39	6
>APC-P1432F QTMPPSRSK	296	>APC-P1432F QTMHPSRSK	330	34
>APC-P1432F QTMPPSRS	258	>APC-P1432F QTMHPSRS	452	194
>APC-P1432F QTMPPSRSK	392	>APC-P1432F QTMHPSRSK	1172	780
>APC-P1432F QTMPPSRSK	240	>APC-P1432F QTMHPSRSK	251	11
>APC-P1432F GQTMPPSRS	510	>APC-P1432F GQTMHPSRS	264	246
>APC-P1432F GQTMPPSRS	284	>APC-P1432F GQTMHPSRS	277	7
>APC-P1432F GQTMPPSR	819	>APC-P1432F GQTMHPSR	168	651
>APC-P1432F DSPGQTMPP	893	>APC-P1432F DSPGQTMHF	457	436
>APC-P1432F DSPGQTMPP	191	>APC-P1432F DSPGQTMHF	110	81
>APC-P1432F LPDSPGQTM	4282	>APC-P1432F LPDSPGQTM	279	4003
>APC-P1439L PPPPPQTA	3174	>APC-P1439L LPPPPQTA	33	3141
>APC-P1439L TPPPPPQTA	23859	>APC-P1439L TLPPPPQTA	181	23678
>APC-P1439L TPPPPPQTA	24665	>APC-P1439L TLPPPPQTA	34	24631
>APC-P1439L TPPPPPQTA	25926	>APC-P1439L TLPPPPQTA	349	25577
>APC-P1439L TPPPPPQT	34913	>APC-P1439L TLPPPPQT	129	34784
>APC-P1439L TPPPPPQTA	30691	>APC-P1439L TLPPPPQTA	19	30672
>APC-P1439L TPPPPPQTAC	35907	>APC-P1439L TLPPPPPQTAC	455	35452
>APC-P1439L TPPPPPQTAC	34433	>APC-P1439L TLPPPPPQTAC	74	34359
>APC-P1439L QTMPPSRSK	4466	>APC-P1439L QTMPPSRSK	45	4421
>APC-P1439L QTMPPSRSK	12487	>APC-P1439L QTMPPSRSK	135	12352
>APC-P1439L QTMPPSRSK	8204	>APC-P1439L QTMPPSRSK	302	7902

>APC-P1439L QTMPPSRSK	8935	>APC-P1439L QTMPPSRSK	438	8497
>APC-P1439L QTMPPSRSK	4284	>APC-P1439L QTMPPSRSK	5	4279
>APC-P1439L QTMPPSRSK	5172	>APC-P1439L QTMPPSRSK	62	5110
>APC-P1439L QTMPPSRSK	10771	>APC-P1439L QTMPPSRSK	58	10713
>APC-P1439L KTPPPPPQTA	879	>APC-P1439L KTLPPPPQTA	82	797
>APC-P1439L KTPPPPPQ	2013	>APC-P1439L KTLPPPPQ	86	1927
>APC-P1439L KTPPPPPQT	5123	>APC-P1439L KTLPPPPQT	400	4723
>APC-P1439L KTPPPPPQTA	656	>APC-P1439L KTLPPPPQTA	27	629
>APC-P1439L KTPPPPPQ	5797	>APC-P1439L KTLPPPPQ	157	5640
>APC-P1439L KTPPPPPQT	2213	>APC-P1439L KTLPPPPQT	43	2170
>APC-P1439L KTPPPPPQTA	3039	>APC-P1439L KTLPPPPQTA	61	2978
>APC-P1439L KTPPPPPQTA	5785	>APC-P1439L KTLPPPPQTA	187	5598
>APC-P1439L KTPPPPPQT	180	>APC-P1439L KTLPPPPQT	17576	17396
>APC-P1439L KTPPPPPQTA	107	>APC-P1439L KTLPPPPQTA	15721	15614
>APC-P1439L KTPPPPPQTA	131	>APC-P1439L KTLPPPPQTA	18602	18471
>APC-P1439L RSKTTPPPP	32	>APC-P1439L RSKTLPPP	28	4
>APC-P1439L RSKTTPPPP	22	>APC-P1439L RSKTLPPP	17	5
>APC-P1439L RSKTTPPPPPQ	9	>APC-P1439L RSKTLPPPPQ	9	0
>APC-P1439L RSKTTPPPPPQ	45	>APC-P1439L RSKTLPPPPQ	39	6
>APC-P1439L PSRSKTTPPP	480	>APC-P1439L PSRSKTLPP	866	386
>APC-P1439L PSRSKTTPPP	387	>APC-P1439L PSRSKTLPPP	498	111
>APC-P1439L MPPSRSKTP	249	>APC-P1439L MPPSRSKTL	87	162
>APC-P1439L MPPSRSKTP	38705	>APC-P1439L MPPSRSKTL	65	38640
>APC-P1439L MPPSRSKTP	19693	>APC-P1439L MPPSRSKTL	46	19647
>APC-P1439L MPPSRSKTP	2240	>APC-P1439L MPPSRSKTL	28	2212
>APC-P1439L MPPSRSKTPF	205	>APC-P1439L MPPSRSKTLP	800	595
>APC-P1439L TMPPSRSKTP	1067	>APC-P1439L TMPPSRSKTL	272	795
>APC-P1439L TMPPSRSKTP	17660	>APC-P1439L TMPPSRSKTL	28	17632
>APC-P1439L TMPPSRSKTP	18683	>APC-P1439L TMPPSRSKTL	167	18516
>APC-P1453L VPKNKAPTAE	16950	>APC-P1453L VSKNKAPTAE	241	16709
>APC-P1453L VPKNKAPTA	15820	>APC-P1453L VSKNKAPTA	148	15672
>APC-P1453L VPKNKAPTAE	10205	>APC-P1453L VSKNKAPTAE	14	10191
>APC-P1453L VPKNKAPTAE	11197	>APC-P1453L VSKNKAPTAE	464	10733
>APC-P1453L VPKNKAPTA	469	>APC-P1453L VSKNKAPTA	5512	5043
>APC-P1453L VPKNKAPTA	433	>APC-P1453L VSKNKAPTA	31277	30844
>APC-P1453L EVPKNKAPT	301	>APC-P1453L EVSKNKAPT	279	22
>APC-P1453L REVPKNKAPT	484	>APC-P1453L REVSKNKAPT	366	118
>APC-P1453L REVPKNKA	326	>APC-P1453L REVSKNKA	197	129
>APC-P1453L REVPKNKAPT	80	>APC-P1453L REVSKNKAPT	56	24
>APC-P1453L QTKREVPK	247	>APC-P1453L QTKREVSK	449	202
>APC-P1453L QTKREVPK	6	>APC-P1453L QTKREVSK	9	3
>APC-P1453L QTKREVPKNK	10	>APC-P1453L QTKREVSKNK	10	0
>APC-P1453L QTKREVPKNK	233	>APC-P1453L QTKREVSKNK	255	22

>APC-P1453QTKREVPK	266	>APC-P1453QTKREVSK	179	87
>APC-P1453AQTKREVPK	181	>APC-P1453AQTKREVSK	423	242
>APC-P1453QTAQTKREVI	157	>APC-P1453QTAQTKREV	287	130
>APC-P1453QTAQTKREVI	33	>APC-P1453QTAQTKREV	30	3
>APC-P1453QTAQTKREVI	216	>APC-P1453QTAQTKREV	283	67
>APC-P1609PSQLPVYK	173	>APC-P1609LSQLPVYK	17	156
>APC-P1609PSQLPVYK	2861	>APC-P1609LSQLPVYK	417	2444
>APC-P1609PSQLPVYK	5397	>APC-P1609LSQLPVYK	280	5117
>APC-P1609PSQLPVYKL	4900	>APC-P1609LSQLPVYKL	32	4868
>APC-P1609PSQLPVYKLL	9354	>APC-P1609LSQLPVYKLL	135	9219
>APC-P1609PSQLPVYKL	2048	>APC-P1609LSQLPVYKL	141	1907
>APC-P1609PSQLPVYKLL	1548	>APC-P1609LSQLPVYKLL	108	1440
>APC-P1609PSQLPVYKLL	4157	>APC-P1609LSQLPVYKLL	128	4029
>APC-P1609PSQLPVYKL	12118	>APC-P1609LSQLPVYKL	498	11620
>APC-P1609PSQLPVYKLL	6628	>APC-P1609LSQLPVYKLL	408	6220
>APC-P1609KPSQLPVYKL	22862	>APC-P1609KLSQLPVYKL	105	22757
>APC-P1609KPSQLPVYKLI	23166	>APC-P1609KLSQLPVYKLI	214	22952
>APC-P1609KPSQLPVYKL	7827	>APC-P1609KLSQLPVYKL	13	7814
>APC-P1609KPSQLPVYKLI	20508	>APC-P1609KLSQLPVYKLI	13	20495
>APC-P1609KPSQLPVYKL	21329	>APC-P1609KLSQLPVYKL	129	21200
>APC-P1609KPSQLPVYKLI	22425	>APC-P1609KLSQLPVYKLI	57	22368
>APC-P1609KPSQLPVYKL	18781	>APC-P1609KLSQLPVYKL	7	18774
>APC-P1609KPSQLPVYKLI	23752	>APC-P1609KLSQLPVYKLI	34	23718
>APC-P1609KPSQLPVYKL	22828	>APC-P1609KLSQLPVYKL	23	22805
>APC-P1609KPSQLPVYKLI	25253	>APC-P1609KLSQLPVYKLI	377	24876
>APC-P1609KPSQLPVYKL	21442	>APC-P1609KLSQLPVYKL	20	21422
>APC-P1609KPSQLPVYKLI	23372	>APC-P1609KLSQLPVYKLI	76	23296
>APC-P1609KPSQLPVYKL	23401	>APC-P1609KLSQLPVYKL	28	23373
>APC-P1609KPSQLPVYKL	30175	>APC-P1609KLSQLPVYKL	10	30165
>APC-P1609KPSQLPVYKLI	32587	>APC-P1609KLSQLPVYKLI	22	32565
>APC-P1609KPSQLPVY	19132	>APC-P1609KLSQLPVY	314	18818
>APC-P1609KPSQLPVYK	4485	>APC-P1609KLSQLPVYK	31	4454
>APC-P1609KPSQLPVYK	2929	>APC-P1609KLSQLPVYK	29	2900
>APC-P1609KPSQLPVY	4776	>APC-P1609KLSQLPVY	241	4535
>APC-P1609KPSQLPVYK	10446	>APC-P1609KLSQLPVYK	67	10379
>APC-P1609KPSQLPVY	232	>APC-P1609KLSQLPVY	20	212
>APC-P1609KPSQLPVYK	7789	>APC-P1609KLSQLPVYK	168	7621
>APC-P1609KPSQLPVYKL	5852	>APC-P1609KLSQLPVYKL	35	5817
>APC-P1609KPSQLPVY	3943	>APC-P1609KLSQLPVY	65	3878
>APC-P1609KPSQLPVYKL	213	>APC-P1609KLSQLPVYKL	28630	28417
>APC-P1609KPSQLPVYKLI	289	>APC-P1609KLSQLPVYKLI	22168	21879
>APC-P1609KPSQLPVY	7277	>APC-P1609KLSQLPVY	94	7183
>APC-P1609KPSQLPVY	1880	>APC-P1609KLSQLPVY	263	1617



>APC-P1609I KPSQLPVY	30	>APC-P1609I KLSQLPVY	4674	4644
>APC-P1609I KPSQLPVY	211	>APC-P1609I KLSQLPVY	29867	29656
>APC-P1609I KPSQLPVY	49	>APC-P1609I KLSQLPVY	3399	3350
>APC-P1609I KPSQLPVYK	55	>APC-P1609I KLSQLPVYK	20	35
>APC-P1609I SKLPPPVARK	2549	>APC-P1609I SKLPPPVARK	83	2466
>APC-P1609I RKPSQLPVYK	1970	>APC-P1609I RKLSQLPVYK	86	1884
>APC-P1609I RKPSQLPVY	276	>APC-P1609I RKLSQLPVY	105	171
>APC-P1609I RKPSQLPV	95	>APC-P1609I RKLSQLPV	11	84
>APC-P1609I RKPSQLPVY	15	>APC-P1609I RKLSQLPVY	3	12
>APC-P1609I RKPSQLPVYK	662	>APC-P1609I RKLSQLPVYK	103	559
>APC-P1609I RKPSQLPVYK	157	>APC-P1609I RKLSQLPVYK	15	142
>APC-P1609I RKPSQLPVYK	3726	>APC-P1609I RKLSQLPVYK	406	3320
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>APC-P1609I RKPSQLPVYK	718	>APC-P1609I RKLSQLPVYK	266	452
>APC-P1609I RKPSQLPVYK	452	>APC-P1609I RKLSQLPVYK	229	223
>APC-P1609I ARKPSQLPV	320	>APC-P1609I ARKLSQLPV	859	539
>APC-P1609I ARKPSQLPVY	25	>APC-P1609I ARKLSQLPVY	48	23
>APC-P1609I ARKPSQLPV	97	>APC-P1609I ARKLSQLPV	261	164
>APC-P1609I ARKPSQLPVY	24	>APC-P1609I ARKLSQLPVY	60	36
>APC-P1609I ARKPSQLPV	585	>APC-P1609I ARKLSQLPV	398	187
>APC-P1609I ARKPSQLPVY	86	>APC-P1609I ARKLSQLPVY	45	41
>APC-P1609I ARKPSQLPVY	256	>APC-P1609I ARKLSQLPVY	202	54
>APC-P1609I ARKPSQLPVY	350	>APC-P1609I ARKLSQLPVY	599	249
>APC-P1609I VARKPSQL	2353	>APC-P1609I VARKLSQL	457	1896
>APC-P1609I VARKPSQLPV	38	>APC-P1609I VARKLSQLPV	38	0
>APC-P1609I VARKPSQLPV	331	>APC-P1609I VARKLSQLPV	287	44
>APC-P1609I VARKPSQLPV	250	>APC-P1609I VARKLSQLPV	169	81
>APC-P1609I VARKPSQL	281	>APC-P1609I VARKLSQL	556	275
>APC-P1609I VARKPSQLPV	106	>APC-P1609I VARKLSQLPV	99	7
>APC-P1609I VARKPSQLPV	324	>APC-P1609I VARKLSQLPV	713	389
>APC-P1609I VARKPSQLPV	75	>APC-P1609I VARKLSQLPV	126	51
>APC-P1609I VARKPSQL	13	>APC-P1609I VARKLSQL	20	7
>APC-P1609I VARKPSQLPV	323	>APC-P1609I VARKLSQLPV	642	319
>APC-P1609I VARKPSQLPV	8	>APC-P1609I VARKLSQLPV	11	3
>APC-P1609I VARKPSQLPV	629	>APC-P1609I VARKLSQLPV	363	266
>APC-P1609I VARKPSQLPV	38	>APC-P1609I VARKLSQLPV	38	0
>APC-P1609I PVARKPSQLP	524	>APC-P1609I PVARKLSQLP	495	29
>APC-P1609I PVARKPSQL	4972	>APC-P1609I PVARKLSQL	309	4663
>APC-P1609I PPVARKPSQL	94	>APC-P1609I PPVARKLSQL	138	44
>APC-P1609I PPPVARKPSC	86	>APC-P1609I PPPVARKLSQ	77	9
>APC-P1609I LPPPVAR KP	23259	>APC-P1609I LPPPVAR KL	490	22769
>APC-P1609I LPPPVAR KP	16082	>APC-P1609I LPPPVAR KL	55	16027
>APC-P1609I KLPPPVAR KP	6529	>APC-P1609I KLPPPVAR KL	19	6510

>APC-P1609I KLPPPVARKP	23399	>APC-P1609I KLPPPVARKL	460	22939
>APC-P1609I KLPPPVARKP	16831	>APC-P1609I KLPPPVARKL	143	16688
>APC-P1609I KLPPPVARKP	12065	>APC-P1609I KLPPPVARKL	24	12041
>APC-P1609I KLPPPVARKP	4922	>APC-P1609I KLPPPVARKL	19	4903
>APC-P2540I PINRSGTWK	713	>APC-P2540I SINRSGTWK	62	651
>APC-P2540I PINRSGTWK	2183	>APC-P2540I SINRSGTWK	25	2158
>APC-P2540I PINRSGTWKF	10189	>APC-P2540I SINRSGTWKF	404	9785
>APC-P2540I PINRSGTWK	4698	>APC-P2540I SINRSGTWK	371	4327
>APC-P2540I PINRSGTWKF	815	>APC-P2540I SINRSGTWKF	39	776
>APC-P2540I PINRSGTWKF	2033	>APC-P2540I SINRSGTWKF	201	1832
>APC-P2540I PINRSGTWK	8393	>APC-P2540I SINRSGTWK	354	8039
>APC-P2540I PINRSGTWKF	9326	>APC-P2540I SINRSGTWKF	225	9101
>APC-P2540I PINRSGTW	4983	>APC-P2540I SINRSGTW	127	4856
>APC-P2540I PINRSGTWKF	670	>APC-P2540I SINRSGTWKF	79	591
>APC-P2540I PINRSGTWKF	1053	>APC-P2540I SINRSGTWKF	447	606
>APC-P2540I LPINRSGTWK	859	>APC-P2540I LSINRSGTWK	31	828
>APC-P2540I LPINRSGTWK	2247	>APC-P2540I LSINRSGTWK	15	2232
>APC-P2540I LPINRSGTWK	2335	>APC-P2540I LSINRSGTWK	262	2073
>APC-P2540I LPINRSGTWK	3794	>APC-P2540I LSINRSGTWK	50	3744
>APC-P2540I LPINRSGTWK	2406	>APC-P2540I LSINRSGTWK	393	2013
>APC-P2540I LPINRSGTWK	975	>APC-P2540I LSINRSGTWK	25	950
>APC-P2540I LPINRSGTWK	1000	>APC-P2540I LSINRSGTWK	47	953
>APC-P2540I LPINRSGTW	292	>APC-P2540I LSINRSGTW	22062	21770
>APC-P2540I LPINRSGTW	1718	>APC-P2540I LSINRSGTW	5	1713
>APC-P2540I LPINRSGTW	213	>APC-P2540I LSINRSGTW	9426	9213
>APC-P2540I LPINRSGTW	17	>APC-P2540I LSINRSGTW	998	981
>APC-P2540I LPINRSGT	349	>APC-P2540I LSINRSGT	27204	26855
>APC-P2540I LPINRSGTWK	393	>APC-P2540I LSINRSGTWK	26235	25842
>APC-P2540I LPINRSGTW	9402	>APC-P2540I LSINRSGTW	59	9343
>APC-P2540I LPINRSGTW	8731	>APC-P2540I LSINRSGTW	15	8716
>APC-P2540I LPINRSGTW	5257	>APC-P2540I LSINRSGTW	205	5052
>APC-P2540I LPINRSGTW	5	>APC-P2540I LSINRSGTW	275	270
>APC-P2540I LPINRSGTW	35	>APC-P2540I LSINRSGTW	61	26
>APC-P2540I LPINRSGTWK	9205	>APC-P2540I LSINRSGTWK	451	8754
>APC-P2540I RSHSESPSRLI	187	>APC-P2540I RSHSESPSRLI	55	132
>APC-P2540I RLPINRSGT	614	>APC-P2540I RLSINRSGT	428	186
>APC-P2540I RLPINRSGTW	91	>APC-P2540I RLSINRSGTW	38	53
>APC-P2540I RLPINRSGTW	2269	>APC-P2540I RLSINRSGTW	178	2091
>APC-P2540I RLPINRSGTW	1677	>APC-P2540I RLSINRSGTW	194	1483
>APC-P2540I RLPINRSGTW	1563	>APC-P2540I RLSINRSGTW	294	1269
>APC-P2540I RLPINRSGTW	1241	>APC-P2540I RLSINRSGTW	38	1203
>APC-P2540I RLPINRSGTW	2452	>APC-P2540I RLSINRSGTW	427	2025
>APC-P2540I RLPINRSGTW	6882	>APC-P2540I RLSINRSGTW	110	6772

>APC-P2540€ RLPINRSGTW	239	>APC-P2540€ RLSINRSGTW	289	50
>APC-P2540€ SRLPINRSGTV	240	>APC-P2540€ SRLSINRSGTV	493	253
>APC-P2540€ PSRLPINR	1218	>APC-P2540€ PSRLSINR	401	817
>APC-P2540€ ESPSRPLI	265	>APC-P2540€ ESPSRLSI	263	2
>APC-P2540€ ESPSRPLINR	1154	>APC-P2540€ ESPSRLSINR	496	658
>APC-P2540€ ESPSRPLINR	29	>APC-P2540€ ESPSRLSINR	18	11
>APC-P2540€ ESPSRPLI	168	>APC-P2540€ ESPSRLSI	320	152
>APC-P2540€ ESPSRPLI	665	>APC-P2540€ ESPSRLSI	255	410
>APC-P2540€ SESPSRLPI	21	>APC-P2540€ SESPSRLSI	11	10
>APC-P2540€ SESPSRLPI	105	>APC-P2540€ SESPSRLSI	182	77
>APC-P2540€ SESPSRLPI	92	>APC-P2540€ SESPSRLSI	131	39
>APC-P2540€ SESPSRLPI	222	>APC-P2540€ SESPSRLSI	410	188
>APC-P2540€ SESPSRLPI	57	>APC-P2540€ SESPSRLSI	76	19
>APC-P2540€ SESPSRLPINR	427	>APC-P2540€ SESPSRLSINR	678	251
>APC-P2540€ HSESPSRPLI	144	>APC-P2540€ HSESPSRLSI	203	59
>APC-P2540€ HSESPSRPLI	53	>APC-P2540€ HSESPSRLSI	42	11
>APC-P2540€ SHSESPSRPLI	676	>APC-P2540€ SHSESPSRLSI	423	253
>APC-P2540€ SHSESPSRPLI	389	>APC-P2540€ SHSESPSRLSI	403	14
>APC-P2540€ SHSESPSRPLI	89	>APC-P2540€ SHSESPSRLSI	129	40
>APC-P865S- PATENPGTSS	11051	>APC-P865S- SATENPGTSS	202	10849
>APC-P865S- PATENPGTSS	4333	>APC-P865S- SATENPGTSS	143	4190
>APC-P865S- HPATENPG	168	>APC-P865S- HSATENPG	10044	9876
>APC-P865S- HPATENPGT	459	>APC-P865S- HSATENPGT	12613	12154
>APC-P865S- HPATENPGT€	379	>APC-P865S- HSATENPGT€	13152	12773
>APC-P865S- GLGNYHPA	310	>APC-P865S- GLGNYHSA	728	418
>APC-P865S- GLGNYHPA	171	>APC-P865S- GLGNYHSA	171	0
>APC-P865S- GLGNYHPA	89	>APC-P865S- GLGNYHSA	83	6
>APC-P865S- GLGNYHPA	19	>APC-P865S- GLGNYHSA	22	3
>APC-P865S- GLGNYHPAT	77	>APC-P865S- GLGNYHSAT	166	89
>APC-P865S- GLGNYHPA	31	>APC-P865S- GLGNYHSA	35	4
>APC-P865S- GLGNYHPA	35	>APC-P865S- GLGNYHSA	67	32
>APC-P865S- GLGNYHPA	9	>APC-P865S- GLGNYHSA	6	3
>APC-P865S- GLGNYHPAT	116	>APC-P865S- GLGNYHSAT	272	156
>APC-P865S- IGLGNYHPA	331	>APC-P865S- IGLGNYHSA	3792	3461
>APC-Q1367  QTPKSPPEHY	274	>APC-Q1367  HTPKSPPEHY	221	53
>APC-Q1367  QTPKSPPEHY	238	>APC-Q1367  HTPKSPPEHY	124	114
>APC-Q1367  QTPKSPPEHY	1219	>APC-Q1367  HTPKSPPEHY	287	932
>APC-Q1367  QTPKSPPEHY	500	>APC-Q1367  HTPKSPPEHY	173	327
>APC-Q1367  QTPKSPPEHY	32	>APC-Q1367  HTPKSPPEHY	39	7
>APC-Q1367  QTPKSPPEHY	125	>APC-Q1367  HTPKSPPEHY	77	48
>APC-Q1367  QTPKSPPEHY	337	>APC-Q1367  HTPKSPPEHY	171	166
>APC-Q1367  QTPKSPPEHY	25	>APC-Q1367  HTPKSPPEHY	16	9
>APC-Q1367  QTPKSPPEHY	75	>APC-Q1367  HTPKSPPEHY	48	27

>APC-Q1367 QTPKSPPEHY	1008	>APC-Q1367 HTPKSPPEHY	399	609
>APC-Q1367 QTPKSPPEHY	293	>APC-Q1367 HTPKSPPEHY	120	173
>APC-Q1367 QTPKSPPEHY	9	>APC-Q1367 HTPKSPPEHY	14	5
>APC-Q1367 QTPKSPPEHY	106	>APC-Q1367 HTPKSPPEHY	194	88
>APC-Q1367 AQTPKSPPEH	410	>APC-Q1367 AHTPKSPPEH	1438	1028
>APC-Q1367 AQTPKSPPEH	87	>APC-Q1367 AHTPKSPPEH	12717	12630
>APC-Q1367 AQTPKSPPEH	22	>APC-Q1367 AHTPKSPPEH	435	413
>APC-Q1367 KSGAQTPK	96	>APC-Q1367 KSGAHTPK	75	21
>APC-Q1367 KSGAQTPK	34	>APC-Q1367 KSGAHTPK	25	9
>APC-Q1367 KSGAQTPK	20	>APC-Q1367 KSGAHTPK	14	6
>APC-Q1367 KSGAQTPK	209	>APC-Q1367 KSGAHTPK	70	139
>APC-Q1367 PSKSGAQTPK	41	>APC-Q1367 PSKSGAHTPK	27	14
>APC-Q1367 SPSKSGAQ	459	>APC-Q1367 SPSKSGAH	359	100
>APC-Q1367 SPSKSGAQT	251	>APC-Q1367 SPSKSGAHT	501	250
>APC-Q1367 SPSKSGAQ	2126	>APC-Q1367 SPSKSGAH	273	1853
>APC-Q1367 AKSPSKSGAC	1338	>APC-Q1367 AKSPSKSGAH	380	958
>APC-Q1429 QTMPPSRSK	103	>APC-Q1429 RTMPPSRSK	34	69
>APC-Q1429 QTMPPSRSK	26	>APC-Q1429 RTMPPSRSK	13	13
>APC-Q1429 QTMPPSRSK	33	>APC-Q1429 RTMPPSRSK	5	28
>APC-Q1429 QTMPPSRSK	3755	>APC-Q1429 RTMPPSRSK	177	3578
>APC-Q1429 QTMPPSRSK	4466	>APC-Q1429 RTMPPSRSKT	455	4011
>APC-Q1429 QTMPPSRSK	296	>APC-Q1429 RTMPPSRSK	1777	1481
>APC-Q1429 QTMPPSRS	258	>APC-Q1429 RTMPPSRS	5842	5584
>APC-Q1429 QTMPPSRS	1206	>APC-Q1429 RTMPPSRS	50	1156
>APC-Q1429 QTMPPSRSK	4721	>APC-Q1429 RTMPPSRSK	205	4516
>APC-Q1429 QTMPPSRSK	392	>APC-Q1429 RTMPPSRSKT	18	374
>APC-Q1429 QTMPPSRSK	4284	>APC-Q1429 RTMPPSRSKT	289	3995
>APC-Q1429 QTMPPSRSK	240	>APC-Q1429 RTMPPSRSK	572	332
>APC-Q1429 GQTMPPSRS	284	>APC-Q1429 GRTMPPSRS	7651	7367
>APC-Q1429 PGQTMPPSR	7983	>APC-Q1429 PGRTMPPSR	44	7939
>APC-Q1429 DSPGQTMPP	893	>APC-Q1429 DSPGRTMPP	335	558
>APC-Q1429 DSPGQTMPP	191	>APC-Q1429 DSPGRTMPP	167	24
>APC-Q1429 LPDSPGQTM	355	>APC-Q1429 LPDSPGRTM	3555	3200
>APC-Q1429 LPDSPGQTM	36	>APC-Q1429 LPDSPGRTM	19	17
>APC-Q1429 LPDSPGQTM	37	>APC-Q1429 LPDSPGRTM	52	15
>APC-Q1429 LPDSPGQTM	248	>APC-Q1429 LPDSPGRTM	324	76
>APC-Q1429 LPDSPGQTM	721	>APC-Q1429 LPDSPGRTM	383	338
>APC-Q1477 QRVQVLPDA	954	>APC-Q1477 HRVQVLPDA	498	456
>APC-Q1477 AVQRVQVL	632	>APC-Q1477 AVHRVQVL	439	193
>APC-Q1477 AVQRVQVL	4238	>APC-Q1477 AVHRVQVL	96	4142
>APC-Q1477 AVQRVQVLP	2188	>APC-Q1477 AVHRVQVLP	52	2136
>APC-Q1477 AAVQRVQVL	810	>APC-Q1477 AAVHRVQVL	395	415
>APC-Q1477 AAVQRVQV	683	>APC-Q1477 AAVHRVQV	429	254

>APC-Q1477 AAVQRVQV	70	>APC-Q1477 AAVHRVQV	231	161
>APC-Q1477 AAVQRVQVL	759	>APC-Q1477 AAVHRVQVL	192	567
>APC-Q1477 AAVQRVQVL	36	>APC-Q1477 AAVHRVQVL	38	2
>APC-Q1477 NAAVQRVQV	30	>APC-Q1477 NAAVHRVQV	24	6
>APC-Q1477 NAAVQRVQV	258	>APC-Q1477 NAAVHRVQV	120	138
>APC-Q1477 AVNAAVQRV	735	>APC-Q1477 AVNAAVHRV	126	609
>APC-Q1477 AVNAAVQRV	81	>APC-Q1477 AVNAAVHRV	21	60
>APC-Q1477 AVNAAVQRV	239	>APC-Q1477 AVNAAVHRV	125	114
>APC-Q1477 AVNAAVQRV	9	>APC-Q1477 AVNAAVHRV	6	3
>APC-Q1477 AVNAAVQRV	62	>APC-Q1477 AVNAAVHRV	33	29
>APC-Q1477 AVNAAVQRV	103	>APC-Q1477 AVNAAVHRV	33	70
>APC-Q1477 AVNAAVQRV	268	>APC-Q1477 AVNAAVHRV	149	119
>APC-Q1477 AVNAAVQRV	25	>APC-Q1477 AVNAAVHRV	14	11
>APC-Q1477 AVNAAVQRV	152	>APC-Q1477 AVNAAVHRV	103	49
>APC-Q1477 AVNAAVQRV	2005	>APC-Q1477 AVNAAVHRV	360	1645
>APC-Q1477 AVNAAVQRV	81	>APC-Q1477 AVNAAVHRV	40	41
>APC-Q1477 AVNAAVQRV	244	>APC-Q1477 AVNAAVHRV	240	4
>APC-Q1477 AVNAAVQRV	84	>APC-Q1477 AVNAAVHRV	20	64
>APC-Q1477 AVNAAVQRV	518	>APC-Q1477 AVNAAVHRV	348	170
>APC-Q1477 AVNAAVQRV	4	>APC-Q1477 AVNAAVHRV	3	1
>APC-Q1477 AVNAAVQRV	9	>APC-Q1477 AVNAAVHRV	8	1
>APC-Q1477 AVNAAVQR	135	>APC-Q1477 AVNAAVHR	175	40
>APC-Q1477 AVNAAVQRV	344	>APC-Q1477 AVNAAVHRV	377	33
>APC-Q1477 AVNAAVQR	36	>APC-Q1477 AVNAAVHR	18	18
>APC-Q1477 AVNAAVQR	86	>APC-Q1477 AVNAAVHR	88	2
>APC-Q1477 AVNAAVQRV	122	>APC-Q1477 AVNAAVHRV	20	102
>APC-Q1477 AVNAAVQRV	127	>APC-Q1477 AVNAAVHRV	68	59
>APC-Q1477 AVNAAVQRV	860	>APC-Q1477 AVNAAVHRV	101	759
>APC-Q1477 AVNAAVQRV	627	>APC-Q1477 AVNAAVHRV	259	368
>APC-Q1477 AAVNAAVQR	417	>APC-Q1477 AAVNAAVHR	228	189
>APC-Q1477 AAVNAAVQR	51	>APC-Q1477 AAVNAAVHR	31	20
>APC-Q1477 AAVNAAVQR	553	>APC-Q1477 AAVNAAVHR	184	369
>APC-Q1477 AAVNAAVQR	43	>APC-Q1477 AAVNAAVHR	61	18
>APC-Q1477 AAVNAAVQR	345	>APC-Q1477 AAVNAAVHR	178	167
>APC-Q1477 AAVNAAVQR	1469	>APC-Q1477 AAVNAAVHR	409	1060
>APC-Q1477 QAAVNAAVC	934	>APC-Q1477 QAAVNAAVH	316	618
>APC-Q1477 QAAVNAAVC	28	>APC-Q1477 QAAVNAAVH	33	5
>APC-Q1477 QAAVNAAVC	55	>APC-Q1477 QAAVNAAVH	20	35
>APC-Q1477 QAAVNAAVC	208	>APC-Q1477 QAAVNAAVH	49	159
>APC-Q1477 KQAAVNAAV	21	>APC-Q1477 KQAAVNAAV	15	6
>APC-Q1477 KQAAVNAAV	444	>APC-Q1477 KQAAVNAAV	207	237
>APC-Q1477 KQAAVNAAV	1548	>APC-Q1477 KQAAVNAAV	262	1286
>APC-Q1477 KQAAVNAAV	348	>APC-Q1477 KQAAVNAAV	219	129

>APC-Q1477 KQAAVNAAV	45	>APC-Q1477 KQAAVNAAV	24	21
>APC-R1171 RHVDQPIDY	501	>APC-R1171 HHVDQPIDY	274	227
>APC-R1171 RHVDQPIDY	179	>APC-R1171 HHVDQPIDY	620	441
>APC-R1171 RHVDQPIDYS	3408	>APC-R1171 HHVDQPIDYS	396	3012
>APC-R1171 RHVDQPIDYS	77	>APC-R1171 HHVDQPIDYS	12	65
>APC-R1171 KRHVDQPI	231	>APC-R1171 KHHVDQPI	731	500
>APC-R1171 KRHVDQPIDY	77	>APC-R1171 KHHVDQPIDY	149	72
>APC-R1171 KRHVDQPI	240	>APC-R1171 KHHVDQPI	17819	17579
>APC-R1171 KRHVDQPIDY	26	>APC-R1171 KHHVDQPIDY	2217	2191
>APC-R1171 KRHVDQPI	29	>APC-R1171 KHHVDQPI	3312	3283
>APC-R1171 KRHVDQPIDY	495	>APC-R1171 KHHVDQPIDY	23864	23369
>APC-R1171 KRHVDQPI	486	>APC-R1171 KHHVDQPI	13728	13242
>APC-R1171 NYSIKYNEEK	224	>APC-R1171 NYSIKYNEEK	26274	26050
>APC-R1171 NYSIKYNEEK	441	>APC-R1171 NYSIKYNEEK	23136	22695
>APC-R1171 NYSIKYNEEK	141	>APC-R1171 NYSIKYNEEK	26153	26012
>APC-R1171 EKRHVDQPI	155	>APC-R1171 EKHHVDQPI	268	113
>APC-R1171 EKRHVDQPIC	40	>APC-R1171 EKHHVDQPIC	63	23
>APC-R1171 EEKRHVDQPI	58	>APC-R1171 EEKHHVDQPI	65	7
>APC-R1171 EEKRHVDQPI	722	>APC-R1171 EEKHHVDQPI	460	262
>APC-R1171 EEKRHVDQPI	92	>APC-R1171 EEKHHVDQPI	194	102
>APC-R1171 NEEKRHVDQ	43	>APC-R1171 NEEKHHVDQ	93	50
>APC-R1171 NEEKRHVDQ	1198	>APC-R1171 NEEKHHVDQ	475	723
>APC-R1171 NEEKRHVDQ	678	>APC-R1171 NEEKHHVDQ	307	371
>APC-R1171 NEEKRHVDQ	399	>APC-R1171 NEEKHHVDQ	212	187
>APC-R1171 KYNEEKRHV	9121	>APC-R1171 KYNEEKHHV	215	8906
>APC-R1171 IKYNEEK	268	>APC-R1171 IKYNEEKH	190	78
>APC-R1171 IKYNEEK	255	>APC-R1171 IKYNEEKHH	78	177
>APC-R1171 IKYNEEK	45	>APC-R1171 IKYNEEKHHV	31	14
>APC-R1171 SIKYNEEK	910	>APC-R1171 SIKYNEEKHH	53	857
>APC-R1171 SIKYNEEK	269	>APC-R1171 SIKYNEEKH	16672	16403
>APC-R1171 SIKYNEEK	57	>APC-R1171 SIKYNEEKH	13999	13942
>APC-R1171 YSIKYNEEK	387	>APC-R1171 YSIKYNEEKH	19569	19182
>APC-R1171 YSIKYNEEK	12	>APC-R1171 YSIKYNEEKH	6601	6589
>APC-R1314 RSAEDPVSEV	150	>APC-R1314 KSAEDPVSEV	140	10
>APC-R1314 RSAEDPVSEV	115	>APC-R1314 KSAEDPVSEV	648	533
>APC-R1314 RSAEDPVSEV	419	>APC-R1314 KSAEDPVSEV	675	256
>APC-R1314 RSAEDPVSEV	73	>APC-R1314 KSAEDPVSEV	169	96
>APC-R1314 RSAEDPVSEV	415	>APC-R1314 KSAEDPVSEV	1574	1159
>APC-R1314 TRSAEDPVSE	1568	>APC-R1314 TKSAEDPVSE	473	1095
>APC-R1314 GTRSAEDPV	344	>APC-R1314 GTKSAEDPV	1763	1419
>APC-R1314 KIGTRSAEDP	376	>APC-R1314 KIGTKSAEDP	360	16
>APC-R1314 KIGTRSAEDP	335	>APC-R1314 KIGTKSAEDP	343	8
>APC-R1314 KIGTRSAEDP	306	>APC-R1314 KIGTKSAEDP	520	214

>APC-R1314†KIGTRSAEDP\	189	>APC-R1314†KIGTKSAEDP\	156	33
>APC-R1314†KIGTRSAEDP\	224	>APC-R1314†KIGTKSAEDP\	183	41
>APC-R1314†KIGTRSAEDP\	146	>APC-R1314†KIGTKSAEDP\	136	10
>APC-R1314†KIGTRSAEDP\	144	>APC-R1314†KIGTKSAEDP\	170	26
>APC-R1314†KEKIGTRSA	87	>APC-R1314†KEKIGTKSA	124	37
>APC-R1314†KEKIGTRSA	67	>APC-R1314†KEKIGTKSA	77	10
>APC-R1314†KEKIGTRSA	577	>APC-R1314†KEKIGTKSA	381	196
>APC-R1314†EIKEKIGTR	31	>APC-R1314†EIKEKIGTK	697	666
>APC-R1314†EIKEKIGTR	35	>APC-R1314†EIKEKIGTK	127	92
>APC-R1314†EIKEKIGTRSA	600	>APC-R1314†EIKEKIGTKSA	486	114
>APC-R1314†AEIKEKIGTR	625	>APC-R1314†AEIKEKIGTK	480	145
>APC-R141S- RSLLLADL	292	>APC-R141S- SSLLADL	99	193
>APC-R141S- RSLLLADLDK	132	>APC-R141S- SSLLADLDK	322	190
>APC-R141S- RSLLLADLDK	23	>APC-R141S- SSLLADLDK	14	9
>APC-R141S- RSLLLADLDK	74	>APC-R141S- SSLLADLDK	953	879
>APC-R141S- RSLLLADL	211	>APC-R141S- SSLLADL	2456	2245
>APC-R141S- RSLLLADL	6	>APC-R141S- SSLLADL	64	58
>APC-R141S- RSLLLADLDK	1175	>APC-R141S- SSLLADLDK	255	920
>APC-R141S- ERSLLADLD†	6185	>APC-R141S- ESSLLADLD†	90	6095
>APC-R141S- KERSLLLA	410	>APC-R141S- KESSLLA	12179	11769
>APC-R141S- KERSLLLA	57	>APC-R141S- KESSLLA	124	67
>APC-R141S- KERSLLAD	363	>APC-R141S- KESSLLAD	939	576
>APC-R141S- KERSLLADL	215	>APC-R141S- KESSLLADL	135	80
>APC-R141S- KERSLLLA	94	>APC-R141S- KESSLLA	37	57
>APC-R141S- KERSLLAD	378	>APC-R141S- KESSLLAD	684	306
>APC-R141S- KERSLLADL	60	>APC-R141S- KESSLLADL	52	8
>APC-R141S- KERSLLADL†	272	>APC-R141S- KESSLLADL†	651	379
>APC-R141S- LEKERSLL	235	>APC-R141S- LEKESLL	41	194
>APC-R141S- LEKERSLLL	31	>APC-R141S- LEKESLLL	38	7
>APC-R141S- LEKERSLL	592	>APC-R141S- LEKESLL	167	425
>APC-R141S- LEKERSLLL	401	>APC-R141S- LEKESLLL	71	330
>APC-R141S- LEKERSLL	238	>APC-R141S- LEKESLL	154	84
>APC-R141S- LEKERSLLL	170	>APC-R141S- LEKESLLL	69	101
>APC-R141S- LEKERSLLL	29	>APC-R141S- LEKESLLL	28	1
>APC-R141S- ELEKERSL	1059	>APC-R141S- ELEKESL	237	822
>APC-R141S- ELEKERSLL	357	>APC-R141S- ELEKESLL	325	32
>APC-R141S- ELEKERSLLL	303	>APC-R141S- ELEKESLLL	261	42
>APC-R141S- EELEKERSL	198	>APC-R141S- EELEKESL	211	13
>APC-R141S- EELEKERSLL	75	>APC-R141S- EELEKESLL	66	9
>APC-R141S- EELEKERSLLL	59	>APC-R141S- EELEKESLLL	63	4
>APC-R141S- EELEKERSLLL	492	>APC-R141S- EELEKESLLL	221	271
>APC-R141S- EELEKERSL	472	>APC-R141S- EELEKESL	301	171
>APC-R141S- EELEKERSLLL	487	>APC-R141S- EELEKESLLL	297	190

>APC-R141S- EEELEKERSLLL	320	>APC-R141S- EEELEKESLLL	246	74
>APC-R141S- EEELEKERSLL	220	>APC-R141S- EEELEKESLL	248	28
>APC-R141S- EEELEKERSLLL	720	>APC-R141S- EEELEKESLLL	481	239
>APC-R141S- LEELEKERSL	206	>APC-R141S- LEELEKESL	168	38
>APC-R141S- LEELEKERSLL	85	>APC-R141S- LEELEKESLL	53	32
>APC-R141S- LEELEKERSL	918	>APC-R141S- LEELEKESL	464	454
>APC-R141S- LEELEKERSLL	234	>APC-R141S- LEELEKESLL	159	75
>APC-R141S- LEELEKERSL	571	>APC-R141S- LEELEKESL	451	120
>APC-R141S- LEELEKERSLL	253	>APC-R141S- LEELEKESLL	237	16
>APC-R141S- YLEELEKERSL	742	>APC-R141S- YLEELEKESL	222	520
>APC-R141S- YLEELEKERSL	63	>APC-R141S- YLEELEKESL	18	45
>APC-R141S- YLEELEKERSL	846	>APC-R141S- YLEELEKESL	165	681
>APC-R141S- YLEELEKERSL	19	>APC-R141S- YLEELEKESL	11	8
>APC-R141S- YLEELEKERSL	36	>APC-R141S- YLEELEKESL	15	21
>APC-R141S- YLEELEKERSL	227	>APC-R141S- YLEELEKESL	61	166
>APC-R141S- YLEELEKERSL	1737	>APC-R141S- YLEELEKESL	464	1273
>APC-R141S- YLEELEKERSL	4	>APC-R141S- YLEELEKESL	2	2
>APC-R141S- GYLEELEKER	459	>APC-R141S- GYLEELEKES	31334	30875
>APC-R1463\$RESGPKQAA	341	>APC-R1463\$ESGPKQAA	2537	2196
>APC-R1463\$RESGPKQAA\	223	>APC-R1463\$ESGPKQAA\	489	266
>APC-R1463\$RESGPKQA	93	>APC-R1463\$ESGPKQA	57	36
>APC-R1463\$RESGPKQAA	20	>APC-R1463\$ESGPKQAA	14	6
>APC-R1463\$RESGPKQAA\	341	>APC-R1463\$ESGPKQAA\	169	172
>APC-R1463\$RESGPKQAA\	138	>APC-R1463\$ESGPKQAA\	732	594
>APC-R1463\$KRESGPKQA/	27376	>APC-R1463\$KESGPKQA/	426	26950
>APC-R1463\$AEKRESGPK	351	>APC-R1463\$AEKSESGPK	1085	734
>APC-R1463\$AEKRESGPKC	59	>APC-R1463\$AEKSESGPKQ	64	5
>APC-R1463\$KAPTAEKR	272	>APC-R1463\$KAPTAEKS	29754	29482
>APC-R1463\$NKAPTAEKR	280	>APC-R1463\$NKAPTAEKS	29299	29019
>APC-R1463\$KNKAPTAEK/	321	>APC-R1463\$KNKAPTAEKS	25080	24759
>APC-R380P- RARASAAL	5	>APC-R380P- PARASAAL	324	319
>APC-R380P- RARASAALH	18	>APC-R380P- PARASAALH	3555	3537
>APC-R380P- RARASAALHN	20	>APC-R380P- PARASAALHN	3326	3306
>APC-R380P- RARASAALHN	4	>APC-R380P- PARASAALHN	122	118
>APC-R380P- RARASAAL	9	>APC-R380P- PARASAAL	331	322
>APC-R380P- RARASAALHN	151	>APC-R380P- PARASAALHN	11314	11163
>APC-R380P- RARASAAL	191	>APC-R380P- PARASAAL	9263	9072
>APC-R380P- RARASAAL	64	>APC-R380P- PARASAAL	2649	2585
>APC-R380P- RARASAALHN	347	>APC-R380P- PARASAALHN	8472	8125
>APC-R380P- RARASAAL	3	>APC-R380P- PARASAAL	726	723
>APC-R380P- RARASAALH	14	>APC-R380P- PARASAALH	5929	5915
>APC-R380P- RARASAALHN	361	>APC-R380P- PARASAALHN	14648	14287
>APC-R380P- RARASAALHN	6	>APC-R380P- PARASAALHN	2713	2707



>APC-R380P- RARASAAL	339	>APC-R380P- PARASAAL	10207	9868
>APC-R380P- RARASAALH	215	>APC-R380P- PARASAALH	13255	13040
>APC-R380P- RARASAALHN	132	>APC-R380P- PARASAALHN	7924	7792
>APC-R380P- ARARASAAL	27187	>APC-R380P- APARASAAL	28	27159
>APC-R380P- ARARASAA	16363	>APC-R380P- APARASAA	20	16343
>APC-R380P- ARARASAAL	2382	>APC-R380P- APARASAAL	11	2371
>APC-R380P- ARARASAAL	92	>APC-R380P- APARASAAL	2357	2265
>APC-R380P- ARARASAAL	143	>APC-R380P- APARASAAL	23679	23536
>APC-R380P- ARARASAAL	14369	>APC-R380P- APARASAAL	83	14286
>APC-R380P- ARARASAAL	24	>APC-R380P- APARASAAL	36	12
>APC-R380P- ARARASAA	28393	>APC-R380P- APARASAA	244	28149
>APC-R380P- ARARASAA	21944	>APC-R380P- APARASAA	352	21592
>APC-R380P- ARARASAAL	854	>APC-R380P- APARASAAL	14	840
>APC-R380P- ARARASAAL	63	>APC-R380P- APARASAAL	25979	25916
>APC-R380P- LGNSRGSKEA	237	>APC-R380P- LGNSRGSKEA	23715	23478
>APC-R380P- EARARASA	4037	>APC-R380P- EAPARASA	105	3932
>APC-R380P- EARARASAA	8694	>APC-R380P- EAPARASAA	322	8372
>APC-R380P- EARARASAAL	1634	>APC-R380P- EAPARASAAL	212	1422
>APC-R380P- EARARASA	249	>APC-R380P- EAPARASA	4676	4427
>APC-R380P- EARARASAA	71	>APC-R380P- EAPARASAA	1979	1908
>APC-R380P- EARARASAAL	67	>APC-R380P- EAPARASAAL	4387	4320
>APC-R380P- EARARASAAL	15286	>APC-R380P- EAPARASAAL	101	15185
>APC-R380P- KEARARASAA	240	>APC-R380P- KEAPARASAA	358	118
>APC-R380P- KEARARASAA	937	>APC-R380P- KEAPARASAA	337	600
>APC-R380P- KEARARASAA	17	>APC-R380P- KEAPARASAA	15	2
>APC-R380P- KEARARASAA	300	>APC-R380P- KEAPARASAA	388	88
>APC-R380P- KEARARASA	47	>APC-R380P- KEAPARASA	75	28
>APC-R380P- KEARARASAA	120	>APC-R380P- KEAPARASAA	109	11
>APC-R380P- KEARARASAA	55	>APC-R380P- KEAPARASAA	84	29
>APC-R380P- GSKEARARA	76	>APC-R380P- GSKEAPARA	206	130
>APC-R380P- GSKEARARAS	23	>APC-R380P- GSKEAPARAS	40	17
>APC-R380P- GSKEARAR	142	>APC-R380P- GSKEAPAR	187	45
>APC-R380P- RGSKEARAR	526	>APC-R380P- RGSKEAPAR	288	238
>APC-R380P- NSRGSKEAR	386	>APC-R380P- NSRGSKEAP	23765	23379
>APC-R380P- NSRGSKEAR	263	>APC-R380P- NSRGSKEAP	37186	36923
>APC-R380P- NSRGSKEAR	323	>APC-R380P- NSRGSKEAP	39743	39420
>APC-R380P- NSRGSKEARA	928	>APC-R380P- NSRGSKEAPA	408	520
>APC-S1081I- STDDKHLKF	64	>APC-S1081I- ITDDKHLKF	95	31
>APC-S1081I- STDDKHLK	20	>APC-S1081I- ITDDKHLK	36	16
>APC-S1081I- STDDKHLK	300	>APC-S1081I- ITDDKHLK	256	44
>APC-S1081I- STDDKHLKF	5	>APC-S1081I- ITDDKHLKF	3	2
>APC-S1081I- STDDKHLKF	148	>APC-S1081I- ITDDKHLKF	109	39
>APC-S1081I- STDDKHLK	144	>APC-S1081I- ITDDKHLK	496	352

>APC-S1081  ESTDDKHL	452	>APC-S1081  EITDDKHL	395	57
>APC-S1081  ESTDDKHLKF	285	>APC-S1081  EITDDKHLKF	250	35
>APC-S1081  ESTDDKHLK	13	>APC-S1081  EITDDKHLK	14	1
>APC-S1081  ESTDDKHLKF	61	>APC-S1081  EITDDKHLKF	7451	7390
>APC-S1081  QSTTYPVYTE	4626	>APC-S1081  QSTTYPVYTE	133	4493
>APC-S1081  QSTTYPVYTE	32299	>APC-S1081  QSTTYPVYTE	137	32162
>APC-S1081  TESTDDKHLK	253	>APC-S1081  TEITDDKHLK	127	126
>APC-S1081  TESTDDKHL	465	>APC-S1081  TEITDDKHL	232	233
>APC-S1081  TESTDDKHLK	549	>APC-S1081  TEITDDKHLK	149	400
>APC-S1081  YTESTDDKHL	326	>APC-S1081  YTEITDDKHL	459	133
>APC-S1081  YTESTDDK	33	>APC-S1081  YTEITDDK	42	9
>APC-S1081  YTESTDDKHL	12	>APC-S1081  YTEITDDKHL	19	7
>APC-S1081  YTESTDDKHL	169	>APC-S1081  YTEITDDKHL	51	118
>APC-S1081  YTESTDDKH	115	>APC-S1081  YTEITDDKH	735	620
>APC-S1081  VYTESTDDKH	71	>APC-S1081  VYTEITDDKH	47	24
>APC-S1081  YPVYTEST	78	>APC-S1081  YPVYTEIT	101	23
>APC-S1081  YPVYTESTD	289	>APC-S1081  YPVYTEITD	176	113
>APC-S1081  YPVYTEST	358	>APC-S1081  YPVYTEIT	232	126
>APC-S1081  YPVYTESTD	693	>APC-S1081  YPVYTEITD	413	280
>APC-S1081  YPVYTESTDD	349	>APC-S1081  YPVYTEITDD	151	198
>APC-S1081  TYPVYTES	15943	>APC-S1081  TYPVYTEI	109	15834
>APC-S1081  TYPVYTES	7032	>APC-S1081  TYPVYTEI	71	6961
>APC-S1081  TYPVYTES	569	>APC-S1081  TYPVYTEI	5	564
>APC-S1081  TYPVYTEST	349	>APC-S1081  TYPVYTEIT	841	492
>APC-S1081  TYPVYTES	5271	>APC-S1081  TYPVYTEI	255	5016
>APC-S1081  TYPVYTES	26350	>APC-S1081  TYPVYTEI	151	26199
>APC-S1081  TYPVYTES	9569	>APC-S1081  TYPVYTEI	220	9349
>APC-S1081  TYPVYTES	5849	>APC-S1081  TYPVYTEI	69	5780
>APC-S1081  TYPVYTEST	499	>APC-S1081  TYPVYTEIT	1732	1233
>APC-S1081  TYPVYTES	4750	>APC-S1081  TYPVYTEI	116	4634
>APC-S1081  TYPVYTES	8995	>APC-S1081  TYPVYTEI	107	8888
>APC-S1081  TYPVYTES	17765	>APC-S1081  TYPVYTEI	338	17427
>APC-S1081  TYPVYTES	448	>APC-S1081  TYPVYTEI	1172	724
>APC-S1081  TYPVYTES	27	>APC-S1081  TYPVYTEI	5	22
>APC-S1081  TYPVYTEST	175	>APC-S1081  TYPVYTEIT	521	346
>APC-S1081  TYPVYTES	3784	>APC-S1081  TYPVYTEI	19	3765
>APC-S1081  TYPVYTEST	375	>APC-S1081  TYPVYTEIT	1375	1000
>APC-S1081  TYPVYTES	4766	>APC-S1081  TYPVYTEI	74	4692
>APC-S1081  TYPVYTES	14924	>APC-S1081  TYPVYTEI	121	14803
>APC-S1081  TYPVYTES	1081	>APC-S1081  TYPVYTEI	66	1015
>APC-S1081  TYPVYTES	12625	>APC-S1081  TYPVYTEI	8	12617
>APC-S1081  STTYPVYTES	8808	>APC-S1081  STTYPVYTEI	132	8676
>APC-S1081  STTYPVYTES	6056	>APC-S1081  STTYPVYTEI	40	6016

>APC-S1081I-STTYPVYTES	149	>APC-S1081I-STTYPVYTEIT	506	357
>APC-S1081I-STTYPVYTES	12363	>APC-S1081I-STTYPVYTEI	269	12094
>APC-S1081I-STTYPVYTES	10663	>APC-S1081I-STTYPVYTEI	259	10404
>APC-S1081I-STTYPVYTES	2614	>APC-S1081I-STTYPVYTEI	129	2485
>APC-S1081I-STTYPVYTES	1224	>APC-S1081I-STTYPVYTEI	76	1148
>APC-S1081I-STTYPVYTES	33834	>APC-S1081I-STTYPVYTEI	148	33686
>APC-S117L-I-SFPRRGFV	400	>APC-S117L-I-LFPRRGFV	873	473
>APC-S117L-I-GSFPRRGFV	13454	>APC-S117L-I-GLFPRRGFV	172	13282
>APC-S117L-I-GSFPRRGFV	4382	>APC-S117L-I-GLFPRRGFV	19	4363
>APC-S117L-I-GSFPRRGFV	4320	>APC-S117L-I-GLFPRRGFV	9	4311
>APC-S117L-I-GSFPRRGFV	2509	>APC-S117L-I-GLFPRRGFV	173	2336
>APC-S117L-I-GSFPRRGFV	6957	>APC-S117L-I-GLFPRRGFV	9	6948
>APC-S117L-I-GSFPRRGFV	19229	>APC-S117L-I-GLFPRRGFV	70	19159
>APC-S117L-I-GSFPRRGFV	9012	>APC-S117L-I-GLFPRRGFV	9	9003
>APC-S117L-I-GSFPRRGFV	8704	>APC-S117L-I-GLFPRRGFV	5	8699
>APC-S117L-I-GSFPRRGFV	222	>APC-S117L-I-GLFPRRGFV	1516	1294
>APC-S117L-I-GSFPRRGF	541	>APC-S117L-I-GLFPRRGF	187	354
>APC-S117L-I-GSFPRRGF	6962	>APC-S117L-I-GLFPRRGF	235	6727
>APC-S117L-I-GSFPRRGF	121	>APC-S117L-I-GLFPRRGF	161	40
>APC-S117L-I-GSFPRRGF	6	>APC-S117L-I-GLFPRRGF	395	389
>APC-S117L-I-GSFPRRGF	464	>APC-S117L-I-GLFPRRGF	11465	11001
>APC-S117L-I-GSFPRRGFV	136	>APC-S117L-I-GLFPRRGFV	3486	3350
>APC-S117L-I-GSFPRRGFV	295	>APC-S117L-I-GLFPRRGFV	12662	12367
>APC-S117L-I-PMGSFPRRG	49	>APC-S117L-I-PMGLFPRRG	156	107
>APC-S117L-I-PMGSFPRRG	206	>APC-S117L-I-PMGLFPRRG	486	280
>APC-S117L-I-PMGSFPRRG	58	>APC-S117L-I-PMGLFPRRG	161	103
>APC-S117L-I-PMGSFPRRG	402	>APC-S117L-I-PMGLFPRRG	1827	1425
>APC-S117L-I-PMGSFPRR	101	>APC-S117L-I-PMGLFPRR	78	23
>APC-S117L-I-VPMGSFPRR	306	>APC-S117L-I-VPMGLFPRR	570	264
>APC-S117L-I-VPMGSFPR	937	>APC-S117L-I-VPMGLFPR	486	451
>APC-S117L-I-VPMGSFPRR	29	>APC-S117L-I-VPMGLFPRR	60	31
>APC-S117L-I-VPMGSFPRR	217	>APC-S117L-I-VPMGLFPRR	178	39
>APC-S117L-I-VPMGSFPR	676	>APC-S117L-I-VPMGLFPR	303	373
>APC-S117L-I-VPMGSFPR	321	>APC-S117L-I-VPMGLFPR	231	90
>APC-S117L-I-VPMGSFPRR	1131	>APC-S117L-I-VPMGLFPRR	353	778
>APC-S117L-I-SPVPMGSF	126	>APC-S117L-I-SPVPMGLF	406	280
>APC-S117L-I-SPVPMGSFPF	371	>APC-S117L-I-SPVPMGLFPF	217	154
>APC-S117L-I-SPVPMGSFPF	215	>APC-S117L-I-SPVPMGLFPF	359	144
>APC-S117L-I-SPVPMGSF	21	>APC-S117L-I-SPVPMGLF	130	109
>APC-S117L-I-SPVPMGSF	45	>APC-S117L-I-SPVPMGLF	136	91
>APC-S117L-I-SPVPMGSF	58	>APC-S117L-I-SPVPMGLF	303	245
>APC-S117L-I-SPVPMGSF	415	>APC-S117L-I-SPVPMGLF	410	5
>APC-S117L-I-SPVPMGSFPF	452	>APC-S117L-I-SPVPMGLFPF	307	145

>APC-S117L- <sup>-</sup> SPVPMGSFPF	1257	>APC-S117L- <sub>-</sub> SPVPMGLFPF	482	775
>APC-S117L- <sup>-</sup> CSPVPMGSF	579	>APC-S117L- <sub>-</sub> CSPVPMGLF	360	219
>APC-S117L- <sup>-</sup> CSPVPMGSF	163	>APC-S117L- <sub>-</sub> CSPVPMGLF	516	353
>APC-S117L- <sup>-</sup> CSPVPMGSFF	201	>APC-S117L- <sub>-</sub> CSPVPMGLFF	130	71
>APC-S117L- <sup>-</sup> CSPVPMGSF	261	>APC-S117L- <sub>-</sub> CSPVPMGLF	533	272
>APC-S117L- <sup>-</sup> CSPVPMGS	3582	>APC-S117L- <sub>-</sub> CSPVPMGL	7	3575
>APC-S117L- <sup>-</sup> CSPVPMGSF	13	>APC-S117L- <sub>-</sub> CSPVPMGLF	3	10
>APC-S117L- <sup>-</sup> CSPVPMGSFF	426	>APC-S117L- <sub>-</sub> CSPVPMGLFF	172	254
>APC-S117L- <sup>-</sup> CSPVPMGS	24977	>APC-S117L- <sub>-</sub> CSPVPMGL	492	24485
>APC-S117L- <sup>-</sup> ECSPVPMGS	1508	>APC-S117L- <sub>-</sub> ECSPVPMGL	50	1458
>APC-S117L- <sup>-</sup> GECSVPMG	374	>APC-S117L- <sub>-</sub> GECSVPMG	269	105
>APC-S117L- <sup>-</sup> GECSVPMG	3341	>APC-S117L- <sub>-</sub> GECSVPMG	300	3041
>APC-S117L- <sup>-</sup> GECSVPMG	356	>APC-S117L- <sub>-</sub> GECSVPMG	454	98
>APC-S117L- <sup>-</sup> GECSVPMG	482	>APC-S117L- <sub>-</sub> GECSVPMG	338	144
>APC-S117L- <sup>-</sup> GECSVPMG	944	>APC-S117L- <sub>-</sub> GECSVPMG	446	498
>APC-S117L- <sup>-</sup> GECSVPMG	5248	>APC-S117L- <sub>-</sub> GECSVPMG	25	5223
>APC-S117L- <sup>-</sup> GECSVPMG	59	>APC-S117L- <sub>-</sub> GECSVPMG	48	11
>APC-S1202C SGQSSKTEHM	478	>APC-S1202C CGQSSKTEHM	4049	3571
>APC-S1202C SSGQSSKTEH	300	>APC-S1202C SCGQSSKTEH	9582	9282
>APC-S1202C SSGQSSKTEH	109	>APC-S1202C SCGQSSKTEH	16313	16204
>APC-S1202C SSGQSSKTEH	405	>APC-S1202C SCGQSSKTEH	8039	7634
>APC-S1202C KQSF <sup>-</sup> FSKSSC	292	>APC-S1202C KQSF <sup>-</sup> FSKSSC	236	56
>APC-S1202C SSSGQSSK	191	>APC-S1202C SSCGQSSK	487	296
>APC-S1202C SSSGQSSK	21	>APC-S1202C SSCGQSSK	21	0
>APC-S1202C SSSGQSSK	81	>APC-S1202C SSCGQSSK	112	31
>APC-S1202C SSSGQSSK	264	>APC-S1202C SSCGQSSK	471	207
>APC-S1202C SSSGQSSKTEI	229	>APC-S1202C SSCGQSSKTE	536	307
>APC-S1202C SSSGQSSK	387	>APC-S1202C SSCGQSSK	764	377
>APC-S1202C KSSSGQSSK	52	>APC-S1202C KSSCGQSSK	57	5
>APC-S1202C KSSSGQSSK	43	>APC-S1202C KSSCGQSSK	60	17
>APC-S1202C KSSSGQSSK	11	>APC-S1202C KSSCGQSSK	11	0
>APC-S1202C KSSSGQSSK	402	>APC-S1202C KSSCGQSSK	659	257
>APC-S1202C KSSSGQSSK	305	>APC-S1202C KSSCGQSSK	572	267
>APC-S1202C SKSSSGQSS	76	>APC-S1202C SKSSCGQSS	334	258
>APC-S1202C SKSSSGQSSK	53	>APC-S1202C SKSSCGQSSK	104	51
>APC-S1202C FSKSSSGQSSI	56	>APC-S1202C FSKSSCGQSSI	172	116
>APC-S1202C FSKSSSGQSSI	78	>APC-S1202C FSKSSCGQSSI	77	1
>APC-S1202C FSKSSSGQSSI	472	>APC-S1202C FSKSSCGQSSI	586	114
>APC-S1202C FFSKSSSGQ	428	>APC-S1202C FFSKSSCGQ	742	314
>APC-S1202C FFSKSSSG	157	>APC-S1202C FFSKSSCG	950	793
>APC-S1202C FFSKSSSGQ	265	>APC-S1202C FFSKSSCGQ	287	22
>APC-S1202C SFSFSKSSS	1405	>APC-S1202C SFSFSKSSC	357	1048
>APC-S1202C QSF <sup>-</sup> FSKSSC	406	>APC-S1202C QSF <sup>-</sup> FSKSSC	1601	1195

>APC-S1278F SSLSSAEDEI	234	>APC-S1278F PSLSSAEDEI	4507	4273
>APC-S1278F SSLSSAEDEI	466	>APC-S1278F PSLSSAEDEI	10230	9764
>APC-S1278F LSSLSSAEDEI	232	>APC-S1278F LPSLSSAEDEI	17037	16805
>APC-S1278F LSSLSSAE	12508	>APC-S1278F LPSLSSAE	210	12298
>APC-S1278F LSSLSSAEDEI	7176	>APC-S1278F LPSLSSAEDEI	153	7023
>APC-S1278F LSSLSSAEDEI	14614	>APC-S1278F LPSLSSAEDEI	136	14478
>APC-S1278F LSSLSSAEDEI	10710	>APC-S1278F LPSLSSAEDEI	136	10574
>APC-S1278F LSSLSSAEDEI	116	>APC-S1278F LPSLSSAEDEI	4277	4161
>APC-S1278F SLSSLSSA	171	>APC-S1278F SLPSLSSA	474	303
>APC-S1278F SLSSLSSA	9	>APC-S1278F SLPSLSSA	71	62
>APC-S1278F SLSSLSSA	6	>APC-S1278F SLPSLSSA	11	5
>APC-S1278F SLSSLSSA	644	>APC-S1278F SLPSLSSA	468	176
>APC-S1278F SLSSLSSA	74	>APC-S1278F SLPSLSSA	65	9
>APC-S1278F SLSSLSSA	249	>APC-S1278F SLPSLSSA	751	502
>APC-S1278F SLSSLSSA	39	>APC-S1278F SLPSLSSA	51	12
>APC-S1278F SLSSLSSA	7	>APC-S1278F SLPSLSSA	10	3
>APC-S1278F SSLSSLSSA	812	>APC-S1278F SSLPSLSSA	252	560
>APC-S1278F SSLSSLSSA	505	>APC-S1278F SSLPSLSSA	245	260
>APC-S1278F SSLSSLSSA	1410	>APC-S1278F SSLPSLSSA	173	1237
>APC-S1278F SSLSSLSSA	65	>APC-S1278F SSLPSLSSA	145	80
>APC-S1278F SSLSSLSSA	2214	>APC-S1278F SSLPSLSSA	491	1723
>APC-S1278F RCSSLSSLS	78	>APC-S1278F RCSSLPSLS	208	130
>APC-S1278F RCSSLSSLSSA	168	>APC-S1278F RCSSLPSLSSA	322	154
>APC-S1278F SRCSSLSSL	295	>APC-S1278F SRCSSLPSL	10684	10389
>APC-S1278F SRCSSLSSL	68	>APC-S1278F SRCSSLPSL	196	128
>APC-S1278F SRCSSLSSL	94	>APC-S1278F SRCSSLPSL	127	33
>APC-S1278F SRCSSLSSL	82	>APC-S1278F SRCSSLPSL	106	24
>APC-S1278F FSRCSSLSS	448	>APC-S1278F FSRCSSLPS	223	225
>APC-S1278F FSRCSSLSSL	318	>APC-S1278F FSRCSSLPSL	91	227
>APC-S1278F FSRCSSLSSL	88	>APC-S1278F FSRCSSLPSL	131	43
>APC-S1278F FSRCSSLSS	326	>APC-S1278F FSRCSSLPS	341	15
>APC-S1278F FSRCSSLSSL	9	>APC-S1278F FSRCSSLPSL	13	4
>APC-S1278F FSRCSSLSS	315	>APC-S1278F FSRCSSLPS	231	84
>APC-S1278F FSRCSSLSSL	3	>APC-S1278F FSRCSSLPSL	4	1
>APC-S1278F FSRCSSLSSL	198	>APC-S1278F FSRCSSLPSL	609	411
>APC-S1278F FSRCSSLSSLS	77	>APC-S1278F FSRCSSLPSLS	138	61
>APC-S1278F FSRCSSLSSL	40	>APC-S1278F FSRCSSLPSL	96	56
>APC-S1278F CFRCSSLSSL	66	>APC-S1278F CFRCSSLPSL	66	0
>APC-S130G-STGYLEEL	488	>APC-S130G-GTGYLEEL	899	411
>APC-S130G-STGYLEELEK	259	>APC-S130G-GTGYLEELEK	500	241
>APC-S130G-STGYLEELEK	19	>APC-S130G-GTGYLEELEK	51	32
>APC-S130G-STGYLEELEK	149	>APC-S130G-GTGYLEELEK	1339	1190
>APC-S130G-STGYLEEL	443	>APC-S130G-GTGYLEEL	9871	9428

>APC-S130G-STGYLEELEK	378	>APC-S130G-GTGYLEELEK	570	192
>APC-S130G-ESTGYLEEL	23	>APC-S130G-EGTGYLEEL	8954	8931
>APC-S130G-ESTGYLEELEK	34	>APC-S130G-EGTGYLEELEI	956	922
>APC-S130G-ESTGYLEEL	44	>APC-S130G-EGTGYLEEL	1063	1019
>APC-S130G-RESTGYLEEL	111	>APC-S130G-REGTGYLEEL	233	122
>APC-S130G-RESTGYLEEL	44	>APC-S130G-REGTGYLEEL	57	13
>APC-S130G-SRESTGYLEEL	283	>APC-S130G-SREGTGYLEEL	281	2
>APC-S130G-SRESTGYLEEL	366	>APC-S130G-SREGTGYLEEL	623	257
>APC-S130G-SRESTGYLEEL	165	>APC-S130G-SREGTGYLEEL	262	97
>APC-S130G-GSRESTGYL	33	>APC-S130G-GSREGTGYL	80	47
>APC-S130G-GSRESTGY	430	>APC-S130G-GSREGTGY	314	116
>APC-S130G-GSRESTGY	109	>APC-S130G-GSREGTGY	146	37
>APC-S130G-GSRESTGY	4	>APC-S130G-GSREGTGY	6	2
>APC-S130G-GSRESTGYL	21	>APC-S130G-GSREGTGYL	45	24
>APC-S130G-GSRESTGYL	239	>APC-S130G-GSREGTGYL	213	26
>APC-S130G-FVNGSRESTG	70	>APC-S130G-FVNGSREGTC	97	27
>APC-S130G-FVNGSRESTG	363	>APC-S130G-FVNGSREGTC	341	22
>APC-S130G-FVNGSRESTG	85	>APC-S130G-FVNGSREGTC	85	0
>APC-S130G-FVNGSREST	495	>APC-S130G-FVNGSREGT	327	168
>APC-S130G-FVNGSRESTG	74	>APC-S130G-FVNGSREGTC	100	26
>APC-S130G-FVNGSRESTG	147	>APC-S130G-FVNGSREGTC	117	30
>APC-S130G-FVNGSRESTG	200	>APC-S130G-FVNGSREGTC	263	63
>APC-S130G-FVNGSRESTG	99	>APC-S130G-FVNGSREGTC	176	77
>APC-S130G-FVNGSRESTG	445	>APC-S130G-FVNGSREGTC	477	32
>APC-S1315L SAEDPVSEV	586	>APC-S1315L LAEDPVSEV	452	134
>APC-S1315L SAEDPVSEV	135	>APC-S1315L LAEDPVSEV	169	34
>APC-S1315L SAEDPVSEV	26	>APC-S1315L LAEDPVSEV	12	14
>APC-S1315L SAEDPVSEV	155	>APC-S1315L LAEDPVSEV	459	304
>APC-S1315L SAEDPVSEV	215	>APC-S1315L LAEDPVSEV	854	639
>APC-S1315L RSAEDPVSEV	5010	>APC-S1315L RLAEDPVSEV	36	4974
>APC-S1315L RSAEDPVSEV	1055	>APC-S1315L RLAEDPVSEV	13	1042
>APC-S1315L RSAEDPVSEV	1012	>APC-S1315L RLAEDPVSEV	13	999
>APC-S1315L RSAEDPVSEV	1820	>APC-S1315L RLAEDPVSEV	163	1657
>APC-S1315L RSAEDPVSEV	150	>APC-S1315L RLAEDPVSEV	1	149
>APC-S1315L RSAEDPVSEV	6141	>APC-S1315L RLAEDPVSEV	3	6138
>APC-S1315L RSAEDPVSEV	1524	>APC-S1315L RLAEDPVSEV	4	1520
>APC-S1315L RSAEDPVSEV	10838	>APC-S1315L RLAEDPVSEV	2	10836
>APC-S1315L RSAEDPVSEV	1965	>APC-S1315L RLAEDPVSEV	2	1963
>APC-S1315L RSAEDPVSEV	115	>APC-S1315L RLAEDPVSEV	472	357
>APC-S1315L RSAEDPVSEV	992	>APC-S1315L RLAEDPVSEV	439	553
>APC-S1315L RSAEDPVSEV	419	>APC-S1315L RLAEDPVSEV	589	170
>APC-S1315L RSAEDPVSEV	73	>APC-S1315L RLAEDPVSEV	10694	10621
>APC-S1315L RSAEDPVSEV	415	>APC-S1315L RLAEDPVSEV	5240	4825

>APC-S1315L AEIKEKIGTRS	13017	>APC-S1315L AEIKEKIGTRL	56	12961
>APC-S1315L AEIKEKIGTRS	1943	>APC-S1315L AEIKEKIGTRL	146	1797
>APC-S1315L AEIKEKIGTRS	1312	>APC-S1315L AEIKEKIGTRL	197	1115
>APC-S1315L AEIKEKIGTRS	1698	>APC-S1315L AEIKEKIGTRL	15	1683
>APC-S1315L GTRSAEDPV	344	>APC-S1315L GTRLAEDPV	443	99
>APC-S1315L KIGTRSAEDP\	376	>APC-S1315L KIGTRLAEDP\	337	39
>APC-S1315L KIGTRSAEDP\	335	>APC-S1315L KIGTRLAEDP\	217	118
>APC-S1315L KIGTRSAEDP\	306	>APC-S1315L KIGTRLAEDP\	126	180
>APC-S1315L KIGTRSAEDP\	189	>APC-S1315L KIGTRLAEDP\	176	13
>APC-S1315L KIGTRSAEDP\	224	>APC-S1315L KIGTRLAEDP\	177	47
>APC-S1315L KIGTRSAEDP\	146	>APC-S1315L KIGTRLAEDP\	158	12
>APC-S1315L KIGTRSAEDP\	144	>APC-S1315L KIGTRLAEDP\	132	12
>APC-S1315L KEKIGTRS	3220	>APC-S1315L KEKIGTRL	88	3132
>APC-S1315L KEKIGTRS	21070	>APC-S1315L KEKIGTRL	322	20748
>APC-S1315L KEKIGTRS	1822	>APC-S1315L KEKIGTRL	86	1736
>APC-S1315L KEKIGTRSA	87	>APC-S1315L KEKIGTRLA	314	227
>APC-S1315L KEKIGTRSA	67	>APC-S1315L KEKIGTRLA	114	47
>APC-S1315L KEKIGTRSA	577	>APC-S1315L KEKIGTRLA	356	221
>APC-S1321\SEVPAVSQHF	1253	>APC-S1321\NEVPAVSQHI	498	755
>APC-S1321\SEVPAVSQ	1213	>APC-S1321\NEVPAVSQ	104	1109
>APC-S1321\SEVPAVSQH	1498	>APC-S1321\NEVPAVSQH	121	1377
>APC-S1321\SEVPAVSQHF	500	>APC-S1321\NEVPAVSQHI	50	450
>APC-S1321\SEVPAVSQHF	425	>APC-S1321\NEVPAVSQHI	556	131
>APC-S1321\VSEVPAVSQF	457	>APC-S1321\VNEVPAVSQI	23589	23132
>APC-S1321\PVSEVPAV	111	>APC-S1321\PVNEVPAV	51	60
>APC-S1321\PVSEVPAV	309	>APC-S1321\PVNEVPAV	264	45
>APC-S1321\PVSEVPAV	289	>APC-S1321\PVNEVPAV	319	30
>APC-S1321\PVSEVPAV	190	>APC-S1321\PVNEVPAV	222	32
>APC-S1321\PVSEVPAV	509	>APC-S1321\PVNEVPAV	284	225
>APC-S1321\DPVSEVPAV	187	>APC-S1321\DPVNEVPAV	286	99
>APC-S1321\DPVSEVPA	320	>APC-S1321\DPVNEVPA	468	148
>APC-S1321\DPVSEVPAV	313	>APC-S1321\DPVNEVPAV	540	227
>APC-S1321\DPVSEVPA	196	>APC-S1321\DPVNEVPA	167	29
>APC-S1321\AEDPVSEVPA	287	>APC-S1321\AEDPVNEVP/	386	99
>APC-S1321\AEDPVSEV	380	>APC-S1321\AEDPVNEV	377	3
>APC-S1321\AEDPVSEVPA	84	>APC-S1321\AEDPVNEVP/	75	9
>APC-S1321\AEDPVSEVPA	523	>APC-S1321\AEDPVNEVP/	424	99
>APC-S1321\AEDPVSEV	242	>APC-S1321\AEDPVNEV	210	32
>APC-S1321\AEDPVSEVPA	36	>APC-S1321\AEDPVNEVP/	51	15
>APC-S1321\AEDPVSEVPA	92	>APC-S1321\AEDPVNEVP/	93	1
>APC-S1321\AEDPVSEV	438	>APC-S1321\AEDPVNEV	153	285
>APC-S1321\AEDPVSEVPA	50	>APC-S1321\AEDPVNEVP/	74	24
>APC-S1321\SAEDPVSEV	135	>APC-S1321\SAEDPVNEV	313	178

>APC-S1321FSAEDPVSEV	26	>APC-S1321FSAEDPVNEV	68	42
>APC-S1321FSAEDPVSEV	155	>APC-S1321FSAEDPVNEV	109	46
>APC-S1321FSAEDPVSEV	215	>APC-S1321FSAEDPVNEV	196	19
>APC-S1321FRSAEDPVSEV	150	>APC-S1321FRSAEDPVNEV	295	145
>APC-S1321FRSAEDPVSEV	115	>APC-S1321FRSAEDPVNEV	162	47
>APC-S1321FRSAEDPVSEV	419	>APC-S1321FRSAEDPVNEV	697	278
>APC-S1321FRSAEDPVSEV	73	>APC-S1321FRSAEDPVNEV	392	319
>APC-S1321FRSAEDPVSEV	415	>APC-S1321FRSAEDPVNEV	618	203
>APC-S1321FSEVPAVSQHF	2509	>APC-S1321FREVPASQHF	341	2168
>APC-S1321FSEVPAVSQHF	425	>APC-S1321FREVPASQHF	79	346
>APC-S1321FVSEVPAVSQF	457	>APC-S1321FVREVPASQF	26543	26086
>APC-S1321FPVSEVPAV	111	>APC-S1321FPVREVPAV	584	473
>APC-S1321FPVSEVPAV	309	>APC-S1321FPVREVPAV	4530	4221
>APC-S1321FPVSEVPAV	289	>APC-S1321FPVREVPAV	9175	8886
>APC-S1321FPVSEVPAV	190	>APC-S1321FPVREVPAV	563	373
>APC-S1321FPVSEVPAV	12772	>APC-S1321FPVREVPAV	308	12464
>APC-S1321FDPVSEVPAV	187	>APC-S1321FDPVREVPAV	472	285
>APC-S1321FDPVSEVPA	320	>APC-S1321FDPVREVPA	1048	728
>APC-S1321FDPVSEVPAV	313	>APC-S1321FDPVREVPAV	1012	699
>APC-S1321FDPVSEVPA	196	>APC-S1321FDPVREVPA	237	41
>APC-S1321FAEDPVSEVPA	287	>APC-S1321FAEDPVREVPA	778	491
>APC-S1321FAEDPVSEV	380	>APC-S1321FAEDPVREV	679	299
>APC-S1321FAEDPVSEVPA	84	>APC-S1321FAEDPVREVPA	123	39
>APC-S1321FAEDPVSEVPA	523	>APC-S1321FAEDPVREVPA	456	67
>APC-S1321FAEDPVSEV	242	>APC-S1321FAEDPVREV	234	8
>APC-S1321FAEDPVSEVPA	36	>APC-S1321FAEDPVREVPA	28	8
>APC-S1321FAEDPVSEVPA	92	>APC-S1321FAEDPVREVPA	102	10
>APC-S1321FAEDPVSEV	438	>APC-S1321FAEDPVREV	168	270
>APC-S1321FAEDPVSEVPA	50	>APC-S1321FAEDPVREVPA	52	2
>APC-S1321FSAEDPVSEV	135	>APC-S1321FSAEDPVREV	336	201
>APC-S1321FSAEDPVSEV	26	>APC-S1321FSAEDPVREV	367	341
>APC-S1321FSAEDPVSEV	155	>APC-S1321FSAEDPVREV	1739	1584
>APC-S1321FSAEDPVSEV	215	>APC-S1321FSAEDPVREV	1275	1060
>APC-S1321FRSAEDPVSEV	150	>APC-S1321FRSAEDPVREV	296	146
>APC-S1321FRSAEDPVS	19240	>APC-S1321FRSAEDPVR	242	18998
>APC-S1321FRSAEDPVS	35119	>APC-S1321FRSAEDPVR	468	34651
>APC-S1321FRSAEDPVSEV	115	>APC-S1321FRSAEDPVREV	357	242
>APC-S1321FRSAEDPVSEV	419	>APC-S1321FRSAEDPVREV	1487	1068
>APC-S1321FRSAEDPVSEV	73	>APC-S1321FRSAEDPVREV	173	100
>APC-S1321FRSAEDPVSEV	415	>APC-S1321FRSAEDPVREV	1015	600
>APC-S1321FGTRSAEDPVS	1058	>APC-S1321FGTRSAEDPVF	441	617
>APC-S1341FSLSESARHK/	56	>APC-S1341FRLSSESARHK/	87	31
>APC-S1341FSLSESARHK/	68	>APC-S1341FRLSSESARHK/	65	3



>APC-S1341F SLSESARHK/	404	>APC-S1341F RLSESARHK/	486	82
>APC-S1341F SLSESARHK/	112	>APC-S1341F RLSESARHK/	555	443
>APC-S1341F SLSESARHK/	7	>APC-S1341F RLSESARHK/	17	10
>APC-S1341F SLSESAR	1937	>APC-S1341F RLSESAR	283	1654
>APC-S1341F SLSESARHK	88	>APC-S1341F RLSESARHK	48	40
>APC-S1341F SLSESARHK	50	>APC-S1341F RLSESARHK	120	70
>APC-S1341F SLSESARHK	1160	>APC-S1341F RLSESARHK	75	1085
>APC-S1341F SLSESAR	450	>APC-S1341F RLSESAR	44	406
>APC-S1341F SLSESAR	129	>APC-S1341F RLSESAR	982	853
>APC-S1341F SLSESARHK	129	>APC-S1341F RLSESARHK	71	58
>APC-S1341F SLSESAR	1731	>APC-S1341F RLSESAR	291	1440
>APC-S1341F SSLSESARHK/	473	>APC-S1341F SRLSESARHI	19917	19444
>APC-S1341F SSLSESAR	239	>APC-S1341F SRLSESAR	24111	23872
>APC-S1341F SSLSESARHK/	38	>APC-S1341F SRLSESARHI	15221	15183
>APC-S1341F SSLSESARHK/	55	>APC-S1341F SRLSESARHI	4963	4908
>APC-S1341F SSLSESAR	77	>APC-S1341F SRLSESAR	9348	9271
>APC-S1341F SSLSESAR	69	>APC-S1341F SRLSESAR	5497	5428
>APC-S1341F SSLSESAR	382	>APC-S1341F SRLSESAR	121	261
>APC-S1341F SSLSESARH	294	>APC-S1341F SRLSESARH	24955	24661
>APC-S1341F SSLSESARHK/	19904	>APC-S1341F SRLSESARHI	183	19721
>APC-S1341F SSLSESAR	448	>APC-S1341F SRLSESAR	13066	12618
>APC-S1341F SSLSESARHK/	124	>APC-S1341F SRLSESARHI	5416	5292
>APC-S1341F RTKSSRLQGS	11	>APC-S1341F RTKSSRLQGS	7	4
>APC-S1341F RTKSSRLQGS	4487	>APC-S1341F RTKSSRLQGS	8	4479
>APC-S1341F RTKSSRLQGS	30437	>APC-S1341F RTKSSRLQGS	154	30283
>APC-S1341F GSSLSESAR	433	>APC-S1341F GSRLSESAR	4796	4363
>APC-S1341F GSSLSESA	9967	>APC-S1341F GSRLSESA	123	9844
>APC-S1341F GSSLSESAR	232	>APC-S1341F GSRLSESAR	225	7
>APC-S1341F GSSLSESAR	294	>APC-S1341F GSRLSESAR	2465	2171
>APC-S1341F GSSLSESARI	1049	>APC-S1341F GSRLSESARI	158	891
>APC-S1341F GSSLSESARI	496	>APC-S1341F GSRLSESARI	146	350
>APC-S1341F LQGSLSSES/	165	>APC-S1341F LQGSRLSES/	181	16
>APC-S1341F LQGSLSSES/	107	>APC-S1341F LQGSRLSES/	182	75
>APC-S1341F LQGSLSSES/	269	>APC-S1341F LQGSRLSES/	1020	751
>APC-S1341F SRLQGSSL	146	>APC-S1341F SRLQGSRL	896	750
>APC-S1341F SRLQGSSL	224	>APC-S1341F SRLQGSRL	239	15
>APC-S1341F SRLQGSSL	45	>APC-S1341F SRLQGSRL	278	233
>APC-S1341F SSRLQGSS	185	>APC-S1341F SSRLQGSR	61	124
>APC-S1341F SSRLQGSSL	28	>APC-S1341F SSRLQGSRL	106	78
>APC-S1341F SSRLQGSSLS	105	>APC-S1341F SSRLQGSRLS	134	29
>APC-S1341F SSRLQGSSLS/	34	>APC-S1341F SSRLQGSRLS/	41	7
>APC-S1341F SSRLQGSS	19847	>APC-S1341F SSRLQGSR	129	19718
>APC-S1341F SSRLQGSSL	141	>APC-S1341F SSRLQGSRL	1899	1758

>APC-S1341FSSRLQGSSL	395	>APC-S1341FSSRLQGSRL	3489	3094
>APC-S1341FSSRLQGSSL	6	>APC-S1341FSSRLQGSRL	5	1
>APC-S1341FSSRLQGSSL	18	>APC-S1341FSSRLQGSRL	14	4
>APC-S1341FSSRLQGSSL	468	>APC-S1341FSSRLQGSRL	1150	682
>APC-S1341FKSSRLQGSSL	390	>APC-S1341FKSSRLQGSRL	1132	742
>APC-S1341FKSSRLQGSS	14975	>APC-S1341FKSSRLQGSR	32	14943
>APC-S1341FKSSRLQGSSL	366	>APC-S1341FKSSRLQGSRL	1918	1552
>APC-S1341FKSSRLQGSSL	23	>APC-S1341FKSSRLQGSRL	19	4
>APC-S1341FKSSRLQGSSL	93	>APC-S1341FKSSRLQGSRL	109	16
>APC-S1341FKSSRLQGSSL	108	>APC-S1341FKSSRLQGSRL	271	163
>APC-S1341FKSSRLQGSSL	343	>APC-S1341FKSSRLQGSRL	2839	2496
>APC-S1341FKSSRLQGSSL	181	>APC-S1341FKSSRLQGSRL	422	241
>APC-S1341FTKSSRLQGSS	52	>APC-S1341FTKSSRLQGSR	373	321
>APC-S1341FTKSSRLQGSS	375	>APC-S1341FTKSSRLQGSR	1895	1520
>APC-S1346FSARHKAVEFS	336	>APC-S1346F PARHKAVEFS	4210	3874
>APC-S1346FSARHKAVEFS	491	>APC-S1346F PARHKAVEFS	5381	4890
>APC-S1346FSARHKAVEF	41	>APC-S1346F PARHKAVEF	227	186
>APC-S1346FSARHKAVEF	5	>APC-S1346F PARHKAVEF	221	216
>APC-S1346FESARHKAVEF	44	>APC-S1346FEPARHKAVEF	1526	1482
>APC-S1346FESARHKAV	67	>APC-S1346FEPARHKAV	3204	3137
>APC-S1346FESARHKAV	261	>APC-S1346FEPARHKAV	373	112
>APC-S1346FESARHKAV	22019	>APC-S1346FEPARHKAV	89	21930
>APC-S1346FESARHKAV	1616	>APC-S1346FEPARHKAV	124	1492
>APC-S1346FESARHKAVEF	278	>APC-S1346FEPARHKAVEF	2091	1813
>APC-S1346FESARHKAVEF	60	>APC-S1346FEPARHKAVEF	22065	22005
>APC-S1346FESARHKAVEF	2984	>APC-S1346FEPARHKAVEF	29	2955
>APC-S1346FESARHKAVEF	10139	>APC-S1346FEPARHKAVEF	61	10078
>APC-S1346FESARHKAV	177	>APC-S1346FSEPARHKAV	151	26
>APC-S1346FESARHKAVE	97	>APC-S1346FSEPARHKAVE	823	726
>APC-S1346FESARHKAVE	252	>APC-S1346FSEPARHKAVE	2248	1996
>APC-S1346FESARHKAV	447	>APC-S1346FSEPARHKAV	1939	1492
>APC-S1346FESARHKAVE	116	>APC-S1346FSEPARHKAVE	699	583
>APC-S1346FESARHKAVE	183	>APC-S1346FSEPARHKAVE	1414	1231
>APC-S1346FESARHKA	20	>APC-S1346FSEPARHKA	920	900
>APC-S1346FESARHKAV	27	>APC-S1346FSEPARHKAV	1897	1870
>APC-S1346FSSESARHK	324	>APC-S1346FSSEPARHK	378	54
>APC-S1346FSSESARHK	305	>APC-S1346FSSEPARHK	237	68
>APC-S1346FSSESARHK	550	>APC-S1346FSSEPARHK	492	58
>APC-S1346FLSSESARHK	481	>APC-S1346FLSSEPARHK	532	51
>APC-S1346FLSSESARHK	318	>APC-S1346FLSSEPARHK	1390	1072
>APC-S1346FLSSESARH	168	>APC-S1346FLSSEPARH	588	420
>APC-S1346FLSSESARHKA	204	>APC-S1346FLSSEPARHKA	440	236
>APC-S1346FLSSESARHKA	56	>APC-S1346FLSSEPARHKA	72	16

>APC-S1346F SLSSESARHK/	68	>APC-S1346F SLSSEPARHK/	62	6
>APC-S1346F SLSSESARHK/	404	>APC-S1346F SLSSEPARHK/	244	160
>APC-S1346F SLSSESARHK/	112	>APC-S1346F SLSSEPARHK/	125	13
>APC-S1346F SLSSESARHK/	7	>APC-S1346F SLSSEPARHK/	8	1
>APC-S1346F SLSSESARHK	88	>APC-S1346F SLSSEPARHK	96	8
>APC-S1346F SLSSESARHK	50	>APC-S1346F SLSSEPARHK	61	11
>APC-S1346F SLSSESAR	450	>APC-S1346F SLSSEPAR	672	222
>APC-S1346F SLSSESAR	129	>APC-S1346F SLSSEPAR	290	161
>APC-S1346F SLSSESARHK	129	>APC-S1346F SLSSEPARHK	99	30
>APC-S1346F SSSLSESARHK/	473	>APC-S1346F SSSLSEPARHK/	599	126
>APC-S1346F SSSLSESAR	239	>APC-S1346F SSSLSEPAR	274	35
>APC-S1346F SSSLSESARHK/	38	>APC-S1346F SSSLSEPARHK/	47	9
>APC-S1346F SSSLSESARHK/	55	>APC-S1346F SSSLSEPARHK/	53	2
>APC-S1346F SSSLSESAR	77	>APC-S1346F SSSLSEPAR	108	31
>APC-S1346F SSSLSESAR	69	>APC-S1346F SSSLSEPAR	173	104
>APC-S1346F SSSLSESAR	382	>APC-S1346F SSSLSEPAR	902	520
>APC-S1346F SSSLSESARH	294	>APC-S1346F SSSLSEPARH	563	269
>APC-S1346F SSSLSESAR	448	>APC-S1346F SSSLSEPAR	204	244
>APC-S1346F SSSLSESARHK/	124	>APC-S1346F SSSLSEPARHK/	143	19
>APC-S1346F GSSLSESAR	433	>APC-S1346F GSSLSEPAR	513	80
>APC-S1346F GSSLSESAR	232	>APC-S1346F GSSLSEPAR	537	305
>APC-S1346F GSSLSESAR	294	>APC-S1346F GSSLSEPAR	804	510
>APC-S1346F GSSLSESARH	496	>APC-S1346F GSSLSEPARH	1035	539
>APC-S1346F LQGSSLSES/	641	>APC-S1346F LQGSSLSEPA/	458	183
>APC-S1346F LQGSSLSES/	165	>APC-S1346F LQGSSLSEPA/	115	50
>APC-S1346F LQGSSLSES/	107	>APC-S1346F LQGSSLSEPA/	83	24
>APC-S1346F LQGSSLSES/	269	>APC-S1346F LQGSSLSEPA/	245	24
>APC-S1355F SSGAKSPSK	281	>APC-S1355F PSGAKSPSK	5857	5576
>APC-S1355F SSGAKSPSK	42	>APC-S1355F PSGAKSPSK	4399	4357
>APC-S1355F SSGAKSPSK	33	>APC-S1355F PSGAKSPSK	607	574
>APC-S1355F FSSGAKSPSK	282	>APC-S1355F FPSGAKSPSK	5323	5041
>APC-S1355F FSSGAKSPSK	31	>APC-S1355F FPSGAKSPSK	3668	3637
>APC-S1355F FSSGAKSPSK	89	>APC-S1355F FPSGAKSPSK	1978	1889
>APC-S1355F FSSGAKSPS	23086	>APC-S1355F FPSGAKSPS	307	22779
>APC-S1355F FSSGAKSPS	5745	>APC-S1355F FPSGAKSPS	58	5687
>APC-S1355F FSSGAKSP	21692	>APC-S1355F FPSGAKSP	441	21251
>APC-S1355F FSSGAKSPS	14095	>APC-S1355F FPSGAKSPS	38	14057
>APC-S1355F FSSGAKSPSK/	23351	>APC-S1355F FPSGAKSPSK/	364	22987
>APC-S1355F EFSSGAKSPSI	280	>APC-S1355F EFPSGAKSPSI	1467	1187
>APC-S1355F AVEFSSGAK	376	>APC-S1355F AVEFPSGAK	455	79
>APC-S1355F AVEFSSGAK	64	>APC-S1355F AVEFPSGAK	93	29
>APC-S1355F AVEFSSGAK	77	>APC-S1355F AVEFPSGAK	319	242
>APC-S1355F KAVEFSSGA	348	>APC-S1355F KAVEFPSGA	314	34

>APC-S1355F KAVEFSSGA	53	>APC-S1355F KAVEFPSGA	333	280
>APC-S1355F KAVEFSSGAK	275	>APC-S1355F KAVEFPSGAK	306	31
>APC-S1355F KAVEFSSGAK	255	>APC-S1355F KAVEFPSGAK	368	113
>APC-S1355F KAVEFSSGAK	29	>APC-S1355F KAVEFPSGAK	65	36
>APC-S1355F SARHKAVEFS	336	>APC-S1355F SARHKAVEFP	998	662
>APC-S1355F SARHKAVEFS	491	>APC-S1355F SARHKAVEFP	264	227
>APC-S1360F SPSKSGAQ	459	>APC-S1360F FPSKSGAQ	353	106
>APC-S1360F SPSKSGAQ	251	>APC-S1360F FPSKSGAQ	227	24
>APC-S1360F SPSKSGAQ	2126	>APC-S1360F FPSKSGAQ	142	1984
>APC-S1360F SPSKSGAQTP	4050	>APC-S1360F FPSKSGAQTP	327	3723
>APC-S1360F SPSKSGAQ	11823	>APC-S1360F FPSKSGAQ	472	11351
>APC-S1360F SPSKSGAQ	9331	>APC-S1360F FPSKSGAQ	72	9259
>APC-S1360F SPSKSGAQTP	8907	>APC-S1360F FPSKSGAQTP	322	8585
>APC-S1360F KAVEFSSGAK	9988	>APC-S1360F KAVEFSSGAK	23	9965
>APC-S1360F KAVEFSSGAK	1669	>APC-S1360F KAVEFSSGAK	3	1666
>APC-S1360F KAVEFSSGAK	16050	>APC-S1360F KAVEFSSGAK	430	15620
>APC-S1360F KAVEFSSGAK	9461	>APC-S1360F KAVEFSSGAK	79	9382
>APC-S1360F KAVEFSSGAK	14783	>APC-S1360F KAVEFSSGAK	20	14763
>APC-S1360F KAVEFSSGAK	13359	>APC-S1360F KAVEFSSGAK	163	13196
>APC-S1360F AKSPSKSG	1880	>APC-S1360F AKFPSKSG	307	1573
>APC-S1360F AKSPSKSGA	495	>APC-S1360F AKFPSKSGA	55	440
>APC-S1360F AKSPSKSGAC	1338	>APC-S1360F AKFPSKSGAC	227	1111
>APC-S1360F AKSPSKSGAC	1452	>APC-S1360F AKFPSKSGAC	172	1280
>APC-S1360F SGAKSPSK	831	>APC-S1360F SGAKFPSK	255	576
>APC-S1360F SGAKSPSK	997	>APC-S1360F SGAKFPSK	244	753
>APC-S1360F SSGAKSPSK	281	>APC-S1360F SSGAKFPSK	238	43
>APC-S1360F SSGAKSPSK	42	>APC-S1360F SSGAKFPSK	17	25
>APC-S1360F SSGAKSPSK	33	>APC-S1360F SSGAKFPSK	58	25
>APC-S1360F SSGAKSPSK	1300	>APC-S1360F SSGAKFPSK	159	1141
>APC-S1360F FSSGAKSPSK	282	>APC-S1360F FSSGAKFPSK	145	137
>APC-S1360F FSSGAKSPSK	31	>APC-S1360F FSSGAKFPSK	20	11
>APC-S1360F FSSGAKSPSK	89	>APC-S1360F FSSGAKFPSK	101	12
>APC-S1360F EFSSGAKS	20130	>APC-S1360F EFSSGAKF	233	19897
>APC-S1360F EFSSGAKSPSI	280	>APC-S1360F EFSSGAKFPSI	167	113
>APC-S1360F VEFSSGAKS	19126	>APC-S1360F VEFSSGAKF	313	18813
>APC-S1360F VEFSSGAKS	21649	>APC-S1360F VEFSSGAKF	382	21267
>APC-S1360F VEFSSGAKS	3999	>APC-S1360F VEFSSGAKF	5	3994
>APC-S1360F VEFSSGAKS	4969	>APC-S1360F VEFSSGAKF	40	4929
>APC-S1360F VEFSSGAKSP:	973	>APC-S1360F VEFSSGAKFP:	402	571
>APC-S1360F VEFSSGAKS	9088	>APC-S1360F VEFSSGAKF	119	8969
>APC-S1360F VEFSSGAKS	2406	>APC-S1360F VEFSSGAKF	53	2353
>APC-S1360F VEFSSGAKS	14088	>APC-S1360F VEFSSGAKF	253	13835
>APC-S1360F VEFSSGAKS	3086	>APC-S1360F VEFSSGAKF	115	2971

>APC-S1360F AVEFSSGAKS	13862	>APC-S1360F AVEFSSGAKF	42	13820
>APC-S1360F AVEFSSGAKS	25830	>APC-S1360F AVEFSSGAKF	334	25496
>APC-S1362F SKSGAQTPK	1687	>APC-S1362F FKSGAQTPK	311	1376
>APC-S1362F PSKSGAQTPK	41	>APC-S1362F PFKSGAQTPK	129	88
>APC-S1362F VEFSSGAKSP	11652	>APC-S1362F VEFSSGAKSP	73	11579
>APC-S1362F VEFSSGAKSP	16431	>APC-S1362F VEFSSGAKSP	190	16241
>APC-S1362F VEFSSGAKSP	2153	>APC-S1362F VEFSSGAKSP	4	2149
>APC-S1362F VEFSSGAKSP	973	>APC-S1362F VEFSSGAKSP	12	961
>APC-S1362F VEFSSGAKSP	5998	>APC-S1362F VEFSSGAKSP	61	5937
>APC-S1362F VEFSSGAKSP	935	>APC-S1362F VEFSSGAKSP	210	725
>APC-S1362F VEFSSGAKSP	3413	>APC-S1362F VEFSSGAKSP	65	3348
>APC-S1362F VEFSSGAKSP	13391	>APC-S1362F VEFSSGAKSP	208	13183
>APC-S1362F VEFSSGAKSP	3775	>APC-S1362F VEFSSGAKSP	135	3640
>APC-S1362F SPSKSGAQ	459	>APC-S1362F SPFKSGAQ	1603	1144
>APC-S1362F SPSKSGAQ	251	>APC-S1362F SPFKSGAQ	674	423
>APC-S1362F AKSPSKSGA	495	>APC-S1362F AKSPFKSGA	802	307
>APC-S1362F SGAKSPSK	831	>APC-S1362F SGAKSPFK	111	720
>APC-S1362F SGAKSPSK	942	>APC-S1362F SGAKSPFK	282	660
>APC-S1362F SGAKSPSK	997	>APC-S1362F SGAKSPFK	414	583
>APC-S1362F SSGAKSPSK	281	>APC-S1362F SSGAKSPFK	94	187
>APC-S1362F SSGAKSPSK	42	>APC-S1362F SSGAKSPFK	14	28
>APC-S1362F SSGAKSPSK	33	>APC-S1362F SSGAKSPFK	12	21
>APC-S1362F SSGAKSPS	14233	>APC-S1362F SSGAKSPF	83	14150
>APC-S1362F SSGAKSPS	23093	>APC-S1362F SSGAKSPF	307	22786
>APC-S1362F SSGAKSPS	10486	>APC-S1362F SSGAKSPF	22	10464
>APC-S1362F FSSGAKSPSK	282	>APC-S1362F FSSGAKSPFK	83	199
>APC-S1362F FSSGAKSPSK	31	>APC-S1362F FSSGAKSPFK	14	17
>APC-S1362F FSSGAKSPSK	1035	>APC-S1362F FSSGAKSPFK	366	669
>APC-S1362F FSSGAKSPSK	89	>APC-S1362F FSSGAKSPFK	14	75
>APC-S1362F FSSGAKSPS	10740	>APC-S1362F FSSGAKSPF	50	10690
>APC-S1362F FSSGAKSPS	22911	>APC-S1362F FSSGAKSPF	424	22487
>APC-S1362F FSSGAKSPS	13819	>APC-S1362F FSSGAKSPF	24	13795
>APC-S1362F FSSGAKSPS	10333	>APC-S1362F FSSGAKSPF	6	10327
>APC-S1362F FSSGAKSPS	5745	>APC-S1362F FSSGAKSPF	51	5694
>APC-S1362F FSSGAKSPS	3432	>APC-S1362F FSSGAKSPF	18	3414
>APC-S1362F EFSSGAKSPS	32959	>APC-S1362F EFSSGAKSPF	381	32578
>APC-S1362F EFSSGAKSPS	280	>APC-S1362F EFSSGAKSPF	72	208
>APC-S1362F EFSSGAKSPS	23272	>APC-S1362F EFSSGAKSPF	480	22792
>APC-S1364F KSGAQTPK	96	>APC-S1364F KRGAQTPK	13985	13889
>APC-S1364F KSGAQTPK	34	>APC-S1364F KRGAQTPK	14326	14292
>APC-S1364F KSGAQTPK	20	>APC-S1364F KRGAQTPK	1574	1554
>APC-S1364F KSGAQTPK	209	>APC-S1364F KRGAQTPK	14581	14372
>APC-S1364F KSGAQTPK	17092	>APC-S1364F KRGAQTPK	245	16847

>APC-S1364F KSGAQTPK	9826	>APC-S1364F KRGAQTPK	51	9775
>APC-S1364F FSSGAKSPSKI	14866	>APC-S1364F FSSGAKSPSKI	16	14850
>APC-S1364F SKSGAQTPK	5766	>APC-S1364F SKRGAQTPK	25	5741
>APC-S1364F PSKSGAQTPK	41	>APC-S1364F PSKRGAQTPK	20	21
>APC-S1364F SPSKSGAQ	459	>APC-S1364F SPSKRGAQ	166	293
>APC-S1364F SPSKSGAQT	251	>APC-S1364F SPSKRGAQT	130	121
>APC-S1364F AKSPSKSGA	495	>APC-S1364F AKSPSKRGA	1737	1242
>APC-S1364F GAKSPSKS	20264	>APC-S1364F GAKSPSKR	99	20165
>APC-S1364F SSGAKSPSKS	25153	>APC-S1364F SSGAKSPSKR	258	24895
>APC-S1364F SSGAKSPSKS	34588	>APC-S1364F SSGAKSPSKR	312	34276
>APC-S1389F SVSSLDSF	5199	>APC-S1389F FVSSLDSF	292	4907
>APC-S1389F SVSSLDSF	2291	>APC-S1389F FVSSLDSF	169	2122
>APC-S1389F SVSSLDSFESF	83	>APC-S1389F FVSSLDSFESF	1137	1054
>APC-S1389F SVSSLDSF	2076	>APC-S1389F FVSSLDSF	379	1697
>APC-S1389F SVSSLDSF	215	>APC-S1389F FVSSLDSF	344	129
>APC-S1389F SVSSLDSFESF	66	>APC-S1389F FVSSLDSFESF	581	515
>APC-S1389F SVSSLDSFESF	750	>APC-S1389F FVSSLDSFESF	326	424
>APC-S1389F SVSSLDSFESF	8	>APC-S1389F FVSSLDSFESF	5	3
>APC-S1389F SVSSLDSF	158	>APC-S1389F FVSSLDSF	99	59
>APC-S1389F SVSSLDSF	704	>APC-S1389F FVSSLDSF	165	539
>APC-S1389F SVSSLDSF	468	>APC-S1389F FVSSLDSF	64	404
>APC-S1389F TSVSSLDSF	1195	>APC-S1389F TFVSSLDSF	33	1162
>APC-S1389F TSVSSLDSF	7249	>APC-S1389F TFVSSLDSF	29	7220
>APC-S1389F TSVSSLDSF	6	>APC-S1389F TFVSSLDSF	48	42
>APC-S1389F TSVSSLDSF	273	>APC-S1389F TFVSSLDSF	2794	2521
>APC-S1389F TSVSSLDSF	61	>APC-S1389F TFVSSLDSF	859	798
>APC-S1389F TSVSSLDSF	7	>APC-S1389F TFVSSLDSF	17124	17117
>APC-S1389F TSVSSLDSF	136	>APC-S1389F TFVSSLDSF	13387	13251
>APC-S1389F TSVSSLDSF	53	>APC-S1389F TFVSSLDSF	1768	1715
>APC-S1389F TSVSSLDSF	8784	>APC-S1389F TFVSSLDSF	324	8460
>APC-S1389F TSVSSLDSF	27947	>APC-S1389F TFVSSLDSF	340	27607
>APC-S1389F ETPLMFSRCT	3665	>APC-S1389F ETPLMFSRCT	107	3558
>APC-S1389F ETPLMFSRCT	9457	>APC-S1389F ETPLMFSRCT	75	9382
>APC-S1389F ETPLMFSRCT	10319	>APC-S1389F ETPLMFSRCT	177	10142
>APC-S1389F ETPLMFSRCT	491	>APC-S1389F ETPLMFSRCT	4240	3749
>APC-S1389F ETPLMFSRCT	21128	>APC-S1389F ETPLMFSRCT	422	20706
>APC-S1389F ETPLMFSRCT	1247	>APC-S1389F ETPLMFSRCT	26	1221
>APC-S1389F CTSVSSLDSF	672	>APC-S1389F CTFVSSLDSF	276	396
>APC-S1389F CTSVSSLDSF	6087	>APC-S1389F CTFVSSLDSF	480	5607
>APC-S1389F CTSVSSLDSF	798	>APC-S1389F CTFVSSLDSF	273	525
>APC-S1389F CTSVSSLDSF	199	>APC-S1389F CTFVSSLDSF	21	178
>APC-S1389F CTSVSSLDSF	13	>APC-S1389F CTFVSSLDSF	5	8
>APC-S1389F CTSVSSLDSF	107	>APC-S1389F CTFVSSLDSF	89	18

>APC-S1389F CTSVSSLDSF	53	>APC-S1389F CTFVSSLDSF	147	94
>APC-S1389F RCTSVSSLDSF	518	>APC-S1389F RCTFVSSLDSF	296	222
>APC-S1389F RCTSVSSLDSF	187	>APC-S1389F RCTFVSSLDSF	618	431
>APC-S1389F RCTSVSSLDSF	21	>APC-S1389F RCTFVSSLDSF	35	14
>APC-S1389F SRCTSVSSL	304	>APC-S1389F SRCTFVSSL	2887	2583
>APC-S1389F SRCTSVSSL	39	>APC-S1389F SRCTFVSSL	96	57
>APC-S1389F SRCTSVSSL	34	>APC-S1389F SRCTFVSSL	50	16
>APC-S1389F SRCTSVSSL	723	>APC-S1389F SRCTFVSSL	175	548
>APC-S1389F SRCTSVSSL	43	>APC-S1389F SRCTFVSSL	12	31
>APC-S1389F FSRCTSVSSL	338	>APC-S1389F FSRCTFVSSL	513	175
>APC-S1389F FSRCTSVSSL	99	>APC-S1389F FSRCTFVSSL	145	46
>APC-S1389F FSRCTSVSS	258	>APC-S1389F FSRCTFVSS	128	130
>APC-S1389F FSRCTSVSSL	8	>APC-S1389F FSRCTFVSSL	7	1
>APC-S1389F FSRCTSVSSL	5	>APC-S1389F FSRCTFVSSL	10	5
>APC-S1389F FSRCTSVSSLE	324	>APC-S1389F FSRCTFVSSLE	318	6
>APC-S1389F FSRCTSVSSL	45	>APC-S1389F FSRCTFVSSL	69	24
>APC-S1389F MFSRCTSV	92	>APC-S1389F MFSRCTFV	24	68
>APC-S1389F MFSRCTSVSS	80	>APC-S1389F MFSRCTFVSS	34	46
>APC-S1389F MFSRCTSV	194	>APC-S1389F MFSRCTFV	205	11
>APC-S1389F MFSRCTSVSS	65	>APC-S1389F MFSRCTFVSS	37	28
>APC-S1389F MFSRCTSV	1451	>APC-S1389F MFSRCTFV	482	969
>APC-S1389F MFSRCTSVSS	444	>APC-S1389F MFSRCTFVSS	885	441
>APC-S1389F MFSRCTSV	200	>APC-S1389F MFSRCTFV	96	104
>APC-S1389F MFSRCTSVSS	251	>APC-S1389F MFSRCTFVSS	206	45
>APC-S1389F LMFSRCTSV	118	>APC-S1389F LMFSRCTFV	243	125
>APC-S1389F LMFSRCTSV	10	>APC-S1389F LMFSRCTFV	8	2
>APC-S1389F LMFSRCTSV	3	>APC-S1389F LMFSRCTFV	2	1
>APC-S1389F LMFSRCTSVS	437	>APC-S1389F LMFSRCTFVS	273	164
>APC-S1389F LMFSRCTSV	3	>APC-S1389F LMFSRCTFV	3	0
>APC-S1389F LMFSRCTSVS	294	>APC-S1389F LMFSRCTFVS	263	31
>APC-S1389F LMFSRCTSV	12	>APC-S1389F LMFSRCTFV	7	5
>APC-S1389F LMFSRCTS	446	>APC-S1389F LMFSRCTF	355	91
>APC-S1389F LMFSRCTSV	3	>APC-S1389F LMFSRCTFV	2	1
>APC-S1389F LMFSRCTSVS	436	>APC-S1389F LMFSRCTFVS	374	62
>APC-S1389F LMFSRCTSV	16	>APC-S1389F LMFSRCTFV	13	3
>APC-S1389F LMFSRCTSV	7	>APC-S1389F LMFSRCTFV	5	2
>APC-S1389F LMFSRCTSV	14	>APC-S1389F LMFSRCTFV	5	9
>APC-S1389F LMFSRCTS	188	>APC-S1389F LMFSRCTF	358	170
>APC-S1389F LMFSRCTSV	2	>APC-S1389F LMFSRCTFV	2	0
>APC-S1389F LMFSRCTSVS	761	>APC-S1389F LMFSRCTFVS	377	384
>APC-S1389F LMFSRCTSVS	439	>APC-S1389F LMFSRCTFVS	358	81
>APC-S1389F LMFSRCTS	28068	>APC-S1389F LMFSRCTF	388	27680
>APC-S1389F LMFSRCTS	20743	>APC-S1389F LMFSRCTF	414	20329

>APC-S1389F LMFSRCTSV	3150	>APC-S1389F LMFSRCTFV	439	2711
>APC-S1389F LMFSRCTS	8677	>APC-S1389F LMFSRCTF	82	8595
>APC-S1389F LMFSRCTS	2721	>APC-S1389F LMFSRCTF	192	2529
>APC-S1389F LMFSRCTSV	57	>APC-S1389F LMFSRCTFV	439	382
>APC-S1389F LMFSRCTS	1003	>APC-S1389F LMFSRCTF	22	981
>APC-S1389F LMFSRCTSV	75	>APC-S1389F LMFSRCTFV	360	285
>APC-S1389F LMFSRCTSVS	350	>APC-S1389F LMFSRCTFVS	1041	691
>APC-S1389F LMFSRCTSVS	284	>APC-S1389F LMFSRCTFVS	417	133
>APC-S1389F LMFSRCTS	14424	>APC-S1389F LMFSRCTF	132	14292
>APC-S1389F LMFSRCTS	275	>APC-S1389F LMFSRCTF	2	273
>APC-S1389F LMFSRCTSV	10	>APC-S1389F LMFSRCTFV	26	16
>APC-S1389F LMFSRCTSVS	113	>APC-S1389F LMFSRCTFVS	351	238
>APC-S1389F LMFSRCTSVS	63	>APC-S1389F LMFSRCTFVS	63	0
>APC-S1389F LMFSRCTS	18542	>APC-S1389F LMFSRCTF	55	18487
>APC-S1389F PLMFSRCTSV	370	>APC-S1389F PLMFSRCTFV	170	200
>APC-S1389F PLMFSRCTSV	586	>APC-S1389F PLMFSRCTFV	403	183
>APC-S1389F PLMFSRCTSV	98	>APC-S1389F PLMFSRCTFV	174	76
>APC-S1389F PLMFSRCTSV	190	>APC-S1389F PLMFSRCTFV	112	78
>APC-S1389F PLMFSRCTSV	245	>APC-S1389F PLMFSRCTFV	63	182
>APC-S1389F PLMFSRCTSV	20	>APC-S1389F PLMFSRCTFV	11	9
>APC-S1389F PLMFSRCTSV	9	>APC-S1389F PLMFSRCTFV	12	3
>APC-S1389F PLMFSRCTS	21671	>APC-S1389F PLMFSRCTF	381	21290
>APC-S1389F PLMFSRCTS	17165	>APC-S1389F PLMFSRCTF	473	16692
>APC-S1389F PLMFSRCTS	15807	>APC-S1389F PLMFSRCTF	64	15743
>APC-S1389F TPLMFSRCTS	1376	>APC-S1389F TPLMFSRCTF	351	1025
>APC-S1389F TPLMFSRCTS	632	>APC-S1389F TPLMFSRCTF	392	240
>APC-S1389F TPLMFSRCTS	5275	>APC-S1389F TPLMFSRCTF	152	5123
>APC-S1389F TPLMFSRCTS	275	>APC-S1389F TPLMFSRCTF	3621	3346
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>APC-S1389F TPLMFSRCTS	19729	>APC-S1389F TPLMFSRCTF	219	19510
>APC-S1389F TPLMFSRCTS	14465	>APC-S1389F TPLMFSRCTF	258	14207
>APC-S1389F TPLMFSRCTS	11032	>APC-S1389F TPLMFSRCTF	448	10584
>APC-S1389F TPLMFSRCTS	23477	>APC-S1389F TPLMFSRCTF	410	23067
>APC-S1389F TPLMFSRCTS	8430	>APC-S1389F TPLMFSRCTF	26	8404
>APC-S1395C(SFESRSIASSV	383	>APC-S1395C(CFESRSIASSV	2306	1923
>APC-S1395C(DSFESRSI	308	>APC-S1395C(DCFESRSI	2189	1881
>APC-S1395C(DSFESRSI	102	>APC-S1395C(DCFESRSI	2086	1984
>APC-S1395C(SLDSFESRSI	416	>APC-S1395C(SLDCFESRSI	347	69
>APC-S1395C(SLDSFESRSI	39	>APC-S1395C(SLDCFESRSI	96	57
>APC-S1395C(SLDSFESRSI	46	>APC-S1395C(SLDCFESRSI	103	57
>APC-S1395C(SLDSFESRSI	13	>APC-S1395C(SLDCFESRSI	12	1
>APC-S1395C(SLDSFESRSIA	195	>APC-S1395C(SLDCFESRSIA	185	10
>APC-S1395C(SLDSFESRSI	110	>APC-S1395C(SLDCFESRSI	28	82



>APC-S1395(SLDSFESRSIA	1152	>APC-S1395(SLDCFESRSIA	250	902
>APC-S1395(SLDSFESRSI	55	>APC-S1395(SLDCFESRSI	98	43
>APC-S1395(SLDSFESRSIA	105	>APC-S1395(SLDCFESRSIA	228	123
>APC-S1395(SLDSFESRSI	92	>APC-S1395(SLDCFESRSI	376	284
>APC-S1395(SLDSFESRSIA	49	>APC-S1395(SLDCFESRSIA	198	149
>APC-S1395(SLDSFESR	436	>APC-S1395(SLDCFESR	649	213
>APC-S1395(SSLDSFESRSI	636	>APC-S1395(SSLDCFESRSI	481	155
>APC-S1395(SSLDSFESR	64	>APC-S1395(SSLDCFESR	117	53
>APC-S1395(SSLDSFESR	44	>APC-S1395(SSLDCFESR	33	11
>APC-S1395(SSLDSFESRSI	309	>APC-S1395(SSLDCFESRSI	354	45
>APC-S1395(SSLDSFESR	774	>APC-S1395(SSLDCFESR	393	381
>APC-S1395(SSLDSFESR	56	>APC-S1395(SSLDCFESR	126	70
>APC-S1395(SSLDSFESRSI	77	>APC-S1395(SSLDCFESRSI	327	250
>APC-S1395(SSLDSFESRSI	666	>APC-S1395(SSLDCFESRSI	383	283
>APC-S1395(SSLDSFESR	59	>APC-S1395(SSLDCFESR	61	2
>APC-S1395(SSLDSFESR	613	>APC-S1395(SSLDCFESR	91	522
>APC-S1395(SSLDSFESRSI	16	>APC-S1395(SSLDCFESRSI	14	2
>APC-S1395(VSSLDSFESR	208	>APC-S1395(VSSLDCFESR	399	191
>APC-S1395(VSSLDSFESR	106	>APC-S1395(VSSLDCFESR	96	10
>APC-S1395(VSSLDSFESR	228	>APC-S1395(VSSLDCFESR	943	715
>APC-S1395(SVSSLDSFESF	83	>APC-S1395(SVSSLDCFESF	111	28
>APC-S1395(SVSSLDSF	215	>APC-S1395(SVSSLDCF	300	85
>APC-S1395(SVSSLDSFESF	66	>APC-S1395(SVSSLDCFESF	58	8
>APC-S1395(SVSSLDSFESF	8	>APC-S1395(SVSSLDCFESF	11	3
>APC-S1395(SVSSLDSF	158	>APC-S1395(SVSSLDCF	681	523
>APC-S1395(SVSSLDSF	468	>APC-S1395(SVSSLDCF	911	443
>APC-S1395(SVSSLDSFESF	1013	>APC-S1395(SVSSLDCFESF	218	795
>APC-S1395(TSVSSLDSF	6	>APC-S1395(TSVSSLDCF	5	1
>APC-S1395(TSVSSLDSF	273	>APC-S1395(TSVSSLDCF	1902	1629
>APC-S1395(TSVSSLDSF	61	>APC-S1395(TSVSSLDCF	166	105
>APC-S1395(TSVSSLDSF	7	>APC-S1395(TSVSSLDCF	62	55
>APC-S1395(TSVSSLDSF	136	>APC-S1395(TSVSSLDCF	877	741
>APC-S1395(TSVSSLDSF	53	>APC-S1395(TSVSSLDCF	249	196
>APC-S1395(CTSVSSLDSF	726	>APC-S1395(CTSVSSLDCF	292	434
>APC-S1395(CTSVSSLDSF	199	>APC-S1395(CTSVSSLDCF	484	285
>APC-S1395(CTSVSSLDSF	13	>APC-S1395(CTSVSSLDCF	68	55
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>APC-S1395(CTSVSSLDSF	53	>APC-S1395(CTSVSSLDCF	159	106
>APC-S1395(RCTSVSSLDSF	187	>APC-S1395(RCTSVSSLDCI	347	160
>APC-S1395(RCTSVSSLDSF	21	>APC-S1395(RCTSVSSLDCI	63	42
>APC-S1398^ESRSIASSV	97	>APC-S1398^ENRSIASSV	1291	1194
>APC-S1398^ESRSIASSV	16	>APC-S1398^ENRSIASSV	262	246
>APC-S1398^FESRSIASSV	19	>APC-S1398^FENRSIASSV	14	5

>APC-S1398M FESRSIASSV	261	>APC-S1398M FENRSIASSV	336	75
>APC-S1398M FESRSIASSV	243	>APC-S1398M FENRSIASSV	262	19
>APC-S1398M FESRSIASSV	162	>APC-S1398M FENRSIASSV	177	15
>APC-S1398M FESRSIASSV	9	>APC-S1398M FENRSIASSV	12	3
>APC-S1398M SFESRSIASSV	383	>APC-S1398M SFENRSIASSV	787	404
>APC-S1398M DSFESRSI	308	>APC-S1398M DSFENRSI	329	21
>APC-S1398M DSFESRSI	102	>APC-S1398M DSFENRSI	146	44
>APC-S1398M SLDSFESRSI	416	>APC-S1398M SLDSFENRSI	368	48
>APC-S1398M SLDSFESRSI	39	>APC-S1398M SLDSFENRSI	37	2
>APC-S1398M SLDSFESRSI	46	>APC-S1398M SLDSFENRSI	71	25
>APC-S1398M SLDSFESRSI	13	>APC-S1398M SLDSFENRSI	20	7
>APC-S1398M SLDSFESRSIA	195	>APC-S1398M SLDSFENRSIA	196	1
>APC-S1398M SLDSFESRSI	110	>APC-S1398M SLDSFENRSI	205	95
>APC-S1398M SLDSFESRSI	55	>APC-S1398M SLDSFENRSI	102	47
>APC-S1398M SLDSFESRSIA	105	>APC-S1398M SLDSFENRSIA	130	25
>APC-S1398M SLDSFESRSI	92	>APC-S1398M SLDSFENRSI	153	61
>APC-S1398M SLDSFESRSIA	49	>APC-S1398M SLDSFENRSIA	63	14
>APC-S1398M SLDSFESR	436	>APC-S1398M SLDSFENR	473	37
>APC-S1398M SSLDSFESR	64	>APC-S1398M SSLDSFENR	48	16
>APC-S1398M SSLDSFESR	44	>APC-S1398M SSLDSFENR	27	17
>APC-S1398M SSLDSFESRSI	309	>APC-S1398M SSLDSFENRSI	483	174
>APC-S1398M SSLDSFESR	56	>APC-S1398M SSLDSFENR	59	3
>APC-S1398M SSLDSFESRSI	77	>APC-S1398M SSLDSFENRSI	133	56
>APC-S1398M SSLDSFESR	59	>APC-S1398M SSLDSFENR	48	11
>APC-S1398M SSLDSFESR	613	>APC-S1398M SSLDSFENR	281	332
>APC-S1398M SSLDSFESRSI	16	>APC-S1398M SSLDSFENRSI	19	3
>APC-S1398M VSSLDSFESR	208	>APC-S1398M VSSLDSFENR	196	12
>APC-S1398M VSSLDSFESR	106	>APC-S1398M VSSLDSFENR	65	41
>APC-S1398M VSSLDSFESR	228	>APC-S1398M VSSLDSFENR	142	86
>APC-S1398M VSSLDSFESR	706	>APC-S1398M VSSLDSFENR	448	258
>APC-S1398M SVSSLDSFESF	83	>APC-S1398M SVSSLDSFENI	65	18
>APC-S1398M SVSSLDSFESF	66	>APC-S1398M SVSSLDSFENI	40	26
>APC-S1398M SVSSLDSFESF	8	>APC-S1398M SVSSLDSFENI	8	0
>APC-S1398M SVSSLDSFESF	636	>APC-S1398M SVSSLDSFENI	469	167
>APC-S1398T ERSIASSV	97	>APC-S1398T ETRSIASSV	16	81
>APC-S1398T ERSIASSV	582	>APC-S1398T ETRSIASSV	30	552
>APC-S1398T ERSIASSV	16	>APC-S1398T ETRSIASSV	8	8
>APC-S1398T FESRSIASSV	19	>APC-S1398T FETRSIASSV	14	5
>APC-S1398T FESRSIASSV	261	>APC-S1398T FETRSIASSV	192	69
>APC-S1398T FESRSIASSV	243	>APC-S1398T FETRSIASSV	607	364
>APC-S1398T FESRSIASSV	162	>APC-S1398T FETRSIASSV	202	40
>APC-S1398T FESRSIASSV	9	>APC-S1398T FETRSIASSV	24	15
>APC-S1398T SFESRSIASSV	383	>APC-S1398T SFETRSIASSV	333	50

>APC-S1398TDSFESRSI	308	>APC-S1398TDSFETRSI	368	60
>APC-S1398TDSFESRSI	102	>APC-S1398TDSFETRSI	95	7
>APC-S1398TSLDSFESRSI	416	>APC-S1398TSLDSFETRSI	334	82
>APC-S1398TSLDSFESRSI	39	>APC-S1398TSLDSFETRSI	31	8
>APC-S1398TSLDSFESRSI	46	>APC-S1398TSLDSFETRSI	29	17
>APC-S1398TSLDSFESRSI	13	>APC-S1398TSLDSFETRSI	14	1
>APC-S1398TSLDSFESRSIA	195	>APC-S1398TSLDSFETRSIA	177	18
>APC-S1398TSLDSFESRSI	110	>APC-S1398TSLDSFETRSI	123	13
>APC-S1398TSLDSFESRSI	55	>APC-S1398TSLDSFETRSI	50	5
>APC-S1398TSLDSFESRSIA	105	>APC-S1398TSLDSFETRSIA	74	31
>APC-S1398TSLDSFESRSI	92	>APC-S1398TSLDSFETRSI	67	25
>APC-S1398TSLDSFESRSIA	49	>APC-S1398TSLDSFETRSIA	49	0
>APC-S1398TSLDSFESRSI	945	>APC-S1398TSLDSFETRSI	392	553
>APC-S1398TSLDSFESR	436	>APC-S1398TSLDSFETR	386	50
>APC-S1398TSSLDSFESR	64	>APC-S1398TSSLDSFETR	108	44
>APC-S1398TSSLDSFESR	44	>APC-S1398TSSLDSFETR	31	13
>APC-S1398TSSLDSFESRSI	309	>APC-S1398TSSLDSFETRSI	158	151
>APC-S1398TSSLDSFESR	56	>APC-S1398TSSLDSFETR	39	17
>APC-S1398TSSLDSFESRSI	77	>APC-S1398TSSLDSFETRSI	96	19
>APC-S1398TSSLDSFESR	59	>APC-S1398TSSLDSFETR	51	8
>APC-S1398TSSLDSFESR	613	>APC-S1398TSSLDSFETR	427	186
>APC-S1398TSSLDSFESRSI	16	>APC-S1398TSSLDSFETRSI	14	2
>APC-S1398TVSSLDSFESR	208	>APC-S1398TVSSLDSFETR	176	32
>APC-S1398TVSSLDSFESR	106	>APC-S1398TVSSLDSFETR	92	14
>APC-S1398TVSSLDSFESR	228	>APC-S1398TVSSLDSFETR	97	131
>APC-S1398TVSSLDSFESR	83	>APC-S1398TVSSLDSFETF	107	24
>APC-S1398TVSSLDSFESR	66	>APC-S1398TVSSLDSFETF	49	17
>APC-S1398TVSSLDSFESR	8	>APC-S1398TVSSLDSFETF	8	0
>APC-S1434I·PSRSKTPPP	480	>APC-S1434I·PIRSKTPPP	1273	793
>APC-S1434I·PSRSKTPPPP	387	>APC-S1434I·PIRSKTPPPP	1002	615
>APC-S1434I·PDSPGQTMP	18466	>APC-S1434I·PDSPGQTMP	129	18337
>APC-S1434I·MPPSRSKTP	249	>APC-S1434I·MPPIRSKTP	510	261
>APC-S1434I·MPPSRSKT	907	>APC-S1434I·MPPIRSKT	413	494
>APC-S1434I·MPPSRSKTPF	205	>APC-S1434I·MPPIRSKTPP	118	87
>APC-S1434I·TMPPSRSK	185	>APC-S1434I·TMPPIRSK	239	54
>APC-S1434I·TMPPSRSK	330	>APC-S1434I·TMPPIRSK	277	53
>APC-S1434I·QTMPPSRSK	103	>APC-S1434I·QTMPPIRSK	116	13
>APC-S1434I·QTMPPSRSK	26	>APC-S1434I·QTMPPIRSK	19	7
>APC-S1434I·QTMPPSRSK	33	>APC-S1434I·QTMPPIRSK	74	41
>APC-S1434I·QTMPPSRSK	296	>APC-S1434I·QTMPPIRSK	198	98
>APC-S1434I·QTMPPSRRS	258	>APC-S1434I·QTMPPIRS	248	10
>APC-S1434I·QTMPPSRSK	392	>APC-S1434I·QTMPPIRSKT	1195	803
>APC-S1434I·QTMPPSRSK	240	>APC-S1434I·QTMPPIRSK	130	110

>APC-S1434I·GQTMPPSR	284	>APC-S1434I·GQTMPPIRS	360	76
>APC-S1434I·SPGQTMPPS	12955	>APC-S1434I·SPGQTMPP	373	12582
>APC-S1434I·SPGQTMPPS	4475	>APC-S1434I·SPGQTMPP	48	4427
>APC-S1434I·DSPGQTMPP	191	>APC-S1434I·DSPGQTMPP	307	116
>APC-S1434I·DSPGQTMPP	11497	>APC-S1434I·DSPGQTMPP	434	11063
>APC-S1465F·SGPKQAAV	280	>APC-S1465F·RGPKQAAV	1059	779
>APC-S1465F·ESGPKQAAV	78	>APC-S1465F·ERGPQAAV	8471	8393
>APC-S1465F·RESGPKQAA	341	>APC-S1465F·RERGPQAA	3401	3060
>APC-S1465F·RESGPKQAA	981	>APC-S1465F·RERGPQAA	435	546
>APC-S1465F·RESGPKQAA\	223	>APC-S1465F·RERGPQAA\	337	114
>APC-S1465F·RESGPKQA	93	>APC-S1465F·RERGPQA	222	129
>APC-S1465F·RESGPKQAA	20	>APC-S1465F·RERGPQAA	30	10
>APC-S1465F·RESGPKQAA\	341	>APC-S1465F·RERGPQAA\	752	411
>APC-S1465F·RESGPKQAA\	138	>APC-S1465F·RERGPQAA\	154	16
>APC-S1465F·KRESGPKQ	519	>APC-S1465F·KRERGPQ	130	389
>APC-S1465F·KRESGPKQA/	1730	>APC-S1465F·KRERGPQA/	449	1281
>APC-S1465F·KRESGPKQA/	621	>APC-S1465F·KRERGPQA/	341	280
>APC-S1465F·AEKRESGPK	351	>APC-S1465F·AEKRERGP	281	70
>APC-S1465F·AEKRESGPKC	59	>APC-S1465F·AEKRERGP	68	9
>APC-S1465F·KAPTAEKRES	30582	>APC-S1465F·KAPTAEKRE	289	30293
>APC-S1495C·STPDGFSC	39	>APC-S1495C·GTPDGFSC	90	51
>APC-S1495C·STPDGFSCS	95	>APC-S1495C·GTPDGFSCS	343	248
>APC-S1495C·STPDGFSCSS	125	>APC-S1495C·GTPDGFSCSS	484	359
>APC-S1495C·STPDGFSCSS\	137	>APC-S1495C·GTPDGFSCSS\	564	427
>APC-S1495C·TESTPDGF	388	>APC-S1495C·TEGTPDGF	978	590
>APC-S1495C·ATESTPDGF	1010	>APC-S1495C·ATEGTPDGF	267	743
>APC-S1495C·ATESTPDGF	19	>APC-S1495C·ATEGTPDGF	13	6
>APC-S1495C·ATESTPDGF	112	>APC-S1495C·ATEGTPDGF	276	164
>APC-S1495C·FATESTPDGF	143	>APC-S1495C·FATEGTPDGF	623	480
>APC-S1495C·FATESTPDGF	26	>APC-S1495C·FATEGTPDGF	43	17
>APC-S1495C·FATESTPDGF	188	>APC-S1495C·FATEGTPDGF	322	134
>APC-S1495C·HFATESTPDG	96	>APC-S1495C·HFATEGTPD	125	29
>APC-S1495C·HFATESTPDG	387	>APC-S1495C·HFATEGTPD	640	253
>APC-S1495C·LLHFATEST	310	>APC-S1495C·LLHFATEG	406	96
>APC-S1495C·LLHFATEST	170	>APC-S1495C·LLHFATEG	210	40
>APC-S1495C·LLHFATEST	637	>APC-S1495C·LLHFATEG	489	148
>APC-S1495C·LLHFATEST	177	>APC-S1495C·LLHFATEG	227	50
>APC-S1495C·TLLHFATEST	278	>APC-S1495C·TLLHFATEG	309	31
>APC-S1495C·TLLHFATEST	321	>APC-S1495C·TLLHFATEG	470	149
>APC-S1495C·TLLHFATEST	100	>APC-S1495C·TLLHFATEG	129	29
>APC-S1495C·TLLHFATEST	460	>APC-S1495C·TLLHFATEG	377	83
>APC-S1495C·DTLLHFATES	670	>APC-S1495C·DTLLHFATEG	344	326
>APC-S1599L·SKLPPPVA	297	>APC-S1599L·LKLPPPVA	132	165

>APC-S1599L SKLPPPVAR	67	>APC-S1599L LKLPPPVAR	34	33
>APC-S1599L SKLPPPVARK	691	>APC-S1599L LKLPPPVARK	323	368
>APC-S1599L ASKLPPP	15692	>APC-S1599L ALKLPPP	383	15309
>APC-S1599L ASKLPPP	4660	>APC-S1599L ALKLPPP	10	4650
>APC-S1599L ASKLPPP	12840	>APC-S1599L ALKLPPP	18	12822
>APC-S1599L ASKLPPP	19917	>APC-S1599L ALKLPPP	85	19832
>APC-S1599L ASKLPPP	18108	>APC-S1599L ALKLPPP	78	18030
>APC-S1599L ASKLPPP	15336	>APC-S1599L ALKLPPP	7	15329
>APC-S1599L ASKLPPPVA	33459	>APC-S1599L ALKLPPPVA	140	33319
>APC-S1599L ASKLPPPVAR	478	>APC-S1599L ALKLPPPVAR	82	396
>APC-S1599L ASKLPPPVAR	468	>APC-S1599L ALKLPPPVAR	1649	1181
>APC-S1599L ASKLPPPVAR	181	>APC-S1599L ALKLPPPVAR	459	278
>APC-S1599L ASKLPPP	23	>APC-S1599L ALKLPPP	146	123
>APC-S1599L ASKLPPPVA	29	>APC-S1599L ALKLPPPVA	245	216
>APC-S1599L ASKLPPPVAR	205	>APC-S1599L ALKLPPPVAR	1675	1470
>APC-S1599L ASKLPPPVAR	7	>APC-S1599L ALKLPPPVAR	21	14
>APC-S1599L ASKLPPPVAR	107	>APC-S1599L ALKLPPPVAR	176	69
>APC-S1599L ASKLPPPVAR	8157	>APC-S1599L ALKLPPPVAR	497	7660
>APC-S1599L RKAKKPAQT/	753	>APC-S1599L RKAKKPAQT/	16	737
>APC-S1599L RKAKKPAQT/	13784	>APC-S1599L RKAKKPAQT/	183	13601
>APC-S1599L TASKLPPP	1913	>APC-S1599L TALKLPPP	352	1561
>APC-S1599L TASKLPPP	2278	>APC-S1599L TALKLPPP	196	2082
>APC-S1599L TASKLPPP	1460	>APC-S1599L TALKLPPP	137	1323
>APC-S1599L TASKLPPPVA	258	>APC-S1599L TALKLPPPVA	95	163
>APC-S1599L TASKLPPPVA	858	>APC-S1599L TALKLPPPVA	382	476
>APC-S1599L TASKLPPPVA	41	>APC-S1599L TALKLPPPVA	166	125
>APC-S1599L TASKLPPP	121	>APC-S1599L TALKLPPP	849	728
>APC-S1599L TASKLPPP	25	>APC-S1599L TALKLPPP	7	18
>APC-S1599L TASKLPPPVA	799	>APC-S1599L TALKLPPPVA	272	527
>APC-S1599L QTASKLPPP	412	>APC-S1599L QTALKLPPP	1050	638
>APC-S1599L QTASKLPPP	233	>APC-S1599L QTALKLPPP	380	147
>APC-S1599L QTASKLPPP	217	>APC-S1599L QTALKLPPP	128	89
>APC-S1599L QTASKLPPP	425	>APC-S1599L QTALKLPPP	1742	1317
>APC-S1599L QTASKLPPP	6	>APC-S1599L QTALKLPPP	9	3
>APC-S1599L QTASKLPPP	370	>APC-S1599L QTALKLPPP	178	192
>APC-S1599L AQTASKLPPP	353	>APC-S1599L AQTALKLPPP	237	116
>APC-S1599L AQTASKLPPP	254	>APC-S1599L AQTALKLPPP	294	40
>APC-S1599L AQTASKLPPP	18	>APC-S1599L AQTALKLPPP	14	4
>APC-S1599L AQTASKLPPP	398	>APC-S1599L AQTALKLPPP	324	74
>APC-S1599L AQTASKLPPP	166	>APC-S1599L AQTALKLPPP	108	58
>APC-S1599L AQTASKLPPP	94	>APC-S1599L AQTALKLPPP	353	259
>APC-S1599L KPAQTASKL	17	>APC-S1599L KPAQTALKL	19	2
>APC-S1599L KPAQTASKLP	378	>APC-S1599L KPAQTALKLP	748	370

>APC-S1599L KPAQTASKL	163	>APC-S1599L KPAQTALKL	3884	3721
>APC-S1599L KKPAQTAS	3295	>APC-S1599L KKPAQTAL	76	3219
>APC-S1599L KKPAQTASKL	164	>APC-S1599L KKPAQTALKL	388	224
>APC-S1599L AKKPAQTASK	24	>APC-S1599L AKKPAQTALK	28	4
>APC-S1599L AKKPAQTAS	568	>APC-S1599L AKKPAQTAL	15	553
>APC-S1599L AKKPAQTASK	211	>APC-S1599L AKKPAQTALK	792	581
>APC-S1599L AKKPAQTASK	34	>APC-S1599L AKKPAQTALK	54	20
>APC-S1599L KAKKPAQTAS	199	>APC-S1599L KAKKPAQTAL	125	74
>APC-S1599L KAKKPAQTAS	988	>APC-S1599L KAKKPAQTAL	402	586
>APC-S1599L KAKKPAQTAS	323	>APC-S1599L KAKKPAQTAL	68	255
>APC-S1599L KAKKPAQTAS	4	>APC-S1599L KAKKPAQTAL	4	0
>APC-S1599L KAKKPAQTAS	163	>APC-S1599L KAKKPAQTAL	85	78
>APC-S1599L KAKKPAQTAS	5654	>APC-S1599L KAKKPAQTAL	160	5494
>APC-S1599L KAKKPAQTAS	12928	>APC-S1599L KAKKPAQTAL	50	12878
>APC-S1842L SPHHYTPI	19	>APC-S1842L LPHHYTPI	22	3
>APC-S1842L SPHHYTPI	225	>APC-S1842L LPHHYTPI	249	24
>APC-S1842L SPHHYTPI	1170	>APC-S1842L LPHHYTPI	202	968
>APC-S1842L SPHHYTPI	3278	>APC-S1842L LPHHYTPI	189	3089
>APC-S1842L SPHHYTPI	2093	>APC-S1842L LPHHYTPI	167	1926
>APC-S1842L SPHHYTPI	1493	>APC-S1842L LPHHYTPI	38	1455
>APC-S1842L SPHHYPIEG	176	>APC-S1842L LPHHYPIEG	56	120
>APC-S1842L SPHHYTPI	2444	>APC-S1842L LPHHYTPI	284	2160
>APC-S1842L DSPHHYTPI	12068	>APC-S1842L DLPHHYTPI	177	11891
>APC-S1842L DSPHHYTPI	95	>APC-S1842L DLPHHYTPI	330	235
>APC-S1842L FDSPHHYTPI	353	>APC-S1842L FDLPHHYTPI	203	150
>APC-S1842L FDSPHHYTPI	83	>APC-S1842L FDLPHHYTPI	50	33
>APC-S1842L AFDSPHHY	101	>APC-S1842L AFDLPHHY	119	18
>APC-S1842L AFDSPHHY	204	>APC-S1842L AFDLPHHY	657	453
>APC-S1842L AFDSPHHY	345	>APC-S1842L AFDLPHHY	534	189
>APC-S1842L AFDSPHHY	137	>APC-S1842L AFDLPHHY	234	97
>APC-S1842L FAFDSPHHY	563	>APC-S1842L FAFDLPHHY	452	111
>APC-S1842L FAFDSPHHYT	648	>APC-S1842L FAFDLPHHYT	312	336
>APC-S1842L FAFDSPHHYT	98	>APC-S1842L FAFDLPHHYT	85	13
>APC-S1842L FAFDSPHHYT	162	>APC-S1842L FAFDLPHHYT	134	28
>APC-S1842L FAFDSPHHYT	200	>APC-S1842L FAFDLPHHYT	129	71
>APC-S1842L FAFDSPHHYT	34	>APC-S1842L FAFDLPHHYT	39	5
>APC-S1842L FAFDSPHHYT	138	>APC-S1842L FAFDLPHHYT	274	136
>APC-S1842L FAFDSPHHY	14	>APC-S1842L FAFDLPHHY	9	5
>APC-S1842L FAFDSPHHY	135	>APC-S1842L FAFDLPHHY	104	31
>APC-S1842L FAFDSPHHY	30	>APC-S1842L FAFDLPHHY	43	13
>APC-S1842L FAFDSPHHYT	69	>APC-S1842L FAFDLPHHYT	57	12
>APC-S1842L FAFDSPHHYT	120	>APC-S1842L FAFDLPHHYT	125	5
>APC-S1842L FAFDSPHHY	391	>APC-S1842L FAFDLPHHY	50	341

>APC-S1842L FAFDSPHHY	58	>APC-S1842L FAFDLPHHY	87	29
>APC-S1842L FAFDSPHHY	198	>APC-S1842L FAFDLPHHY	1026	828
>APC-S1842L FAFDSPHHY	13	>APC-S1842L FAFDLPHHY	48	35
>APC-S1842L FAFDSPHHY	5	>APC-S1842L FAFDLPHHY	11	6
>APC-S1842L FAFDSPHHY	25	>APC-S1842L FAFDLPHHY	24	1
>APC-S1842L FAFDSPHHY	82	>APC-S1842L FAFDLPHHY	77	5
>APC-S1842L FAFDSPHHY	192	>APC-S1842L FAFDLPHHY	177	15
>APC-S1842L FAFDSPHHY	271	>APC-S1842L FAFDLPHHY	372	101
>APC-S1842L FAFDSPHHY	30	>APC-S1842L FAFDLPHHY	35	5
>APC-S1842L FAFDSPHHY	690	>APC-S1842L FAFDLPHHY	364	326
>APC-S1842L SFAF DSPHHY	173	>APC-S1842L SFAF DLPHHY	371	198
>APC-S1842L SFAF DSPHHY	758	>APC-S1842L SFAF DLPHHY	173	585
>APC-S1842L SFAF DSPH	1960	>APC-S1842L SFAF DLPH	447	1513
>APC-S1842L SFAF DSPHHY	63	>APC-S1842L SFAF DLPHHY	102	39
>APC-S1842L SFAF DSPHHY	227	>APC-S1842L SFAF DLPHHY	197	30
>APC-S1842L SFAF DSPHHY	48	>APC-S1842L SFAF DLPHHY	34	14
>APC-S1842L GSFAF DSPH	840	>APC-S1842L GSFAF DLPHH	354	486
>APC-S1842L GSFAF DSPH	799	>APC-S1842L GSFAF DLPH	171	628
>APC-S1842L GSFAF DSPH	93	>APC-S1842L GSFAF DLPHH	63	30
>APC-S1842L GSFAF DSPH	26	>APC-S1842L GSFAF DLPHH	13	13
>APC-S1842L GSFAF DSPH	23	>APC-S1842L GSFAF DLPHH	34	11
>APC-S1842L GSFAF DSPH	1151	>APC-S1842L GSFAF DLPHH	243	908
>APC-S1842L GSFAF DSPH	68	>APC-S1842L GSFAF DLPHH	80	12
>APC-S1842L GSFAF DSPH	45	>APC-S1842L GSFAF DLPHH	116	71
>APC-S1842L GSFAF DSPH	470	>APC-S1842L GSFAF DLPH	437	33
>APC-S1842L GSFAF DSPH	5	>APC-S1842L GSFAF DLPHH	6	1
>APC-S1842L GSFAF DSPH	112	>APC-S1842L GSFAF DLPHH	113	1
>APC-S1842L GSFAF DSPH	87	>APC-S1842L GSFAF DLPHH	51	36
>APC-S1842L GSFAF DSPH	45	>APC-S1842L GSFAF DLPH	1325	1280
>APC-S1842L GSFAF DSPH	22	>APC-S1842L GSFAF DLPHH	41	19
>APC-S1842L GSFAF DSPH	381	>APC-S1842L GSFAF DLPHH	313	68
>APC-S1842L GSFAF DSPH	2243	>APC-S1842L GSFAF DLPH	420	1823
>APC-S1842L GSFAF DSPH	700	>APC-S1842L GSFAF DLPHH	323	377
>APC-S1842L GSFAF DSPH	306	>APC-S1842L GSFAF DLPHH	193	113
>APC-S1842L RVRGSFAFDS	19	>APC-S1842L RVRGSFAFDL	8	11
>APC-S1842L RVRGSFAFDS	32	>APC-S1842L RVRGSFAFDL	38	6
>APC-S1842L RVRGSFAFDS	6209	>APC-S1842L RVRGSFAFDL	28	6181
>APC-S2570L SSSSILSA	11359	>APC-S2570L SLSSILSA	47	11312
>APC-S2570L SSSSILSA	1571	>APC-S2570L SLSSILSA	7	1564
>APC-S2570L SSSSILSAS	8802	>APC-S2570L SLSSILSAS	19	8783
>APC-S2570L SSSSILSASS	13070	>APC-S2570L SLSSILSASS	424	12646
>APC-S2570L SSSSILSA	2357	>APC-S2570L SLSSILSA	6	2351
>APC-S2570L SSSSILSAS	11152	>APC-S2570L SLSSILSAS	33	11119

>APC-S2570L SSSSILSA	3466	>APC-S2570L SLSSILSA	368	3098
>APC-S2570L SSSSILSA	15403	>APC-S2570L SLSSILSA	32	15371
>APC-S2570L SSSSILSA	22663	>APC-S2570L SLSSILSA	290	22373
>APC-S2570L SSSSILSA	18845	>APC-S2570L SLSSILSA	28	18817
>APC-S2570L SSSSILSA	22502	>APC-S2570L SLSSILSA	5	22497
>APC-S2570L SSSSILSAS	109	>APC-S2570L SLSSILSAS	2187	2078
>APC-S2570L SSSSILSASSE	143	>APC-S2570L SLSSILSASSE	2247	2104
>APC-S2570L RVSTWRRRTG:	1041	>APC-S2570L RVSTWRRRTG:	239	802
>APC-S2570L RVSTWRRRTG:	6664	>APC-S2570L RVSTWRRRTG:	257	6407
>APC-S2570L RVSTWRRRTG:	8670	>APC-S2570L RVSTWRRRTG:	49	8621
>APC-S2570L RTGSSSSI	161	>APC-S2570L RTGSLSSI	496	335
>APC-S2570L RTGSSSSILSA	74	>APC-S2570L RTGSLSSILSA	164	90
>APC-S2570L RTGSSSSI	64	>APC-S2570L RTGSLSSI	44	20
>APC-S2570L RTGSSSSIL	820	>APC-S2570L RTGSLSSIL	165	655
>APC-S2570L RTGSSSSI	476	>APC-S2570L RTGSLSSI	1693	1217
>APC-S2570L RTGSSSSIL	164	>APC-S2570L RTGSLSSIL	1025	861
>APC-S2570L RTGSSSSI	11	>APC-S2570L RTGSLSSI	37	26
>APC-S2570L RTGSSSSIL	5	>APC-S2570L RTGSLSSIL	17	12
>APC-S2570L RTGSSSSILSA	466	>APC-S2570L RTGSLSSILSA	1543	1077
>APC-S2570L RTGSSSSI	350	>APC-S2570L RTGSLSSI	402	52
>APC-S2570L RTGSSSSIL	48	>APC-S2570L RTGSLSSIL	82	34
>APC-S2570L RTGSSSSI	86	>APC-S2570L RTGSLSSI	163	77
>APC-S2570L RTGSSSSIL	5	>APC-S2570L RTGSLSSIL	4	1
>APC-S2570L RTGSSSSILS	360	>APC-S2570L RTGSLSSILS	330	30
>APC-S2570L RTGSSSSI	7	>APC-S2570L RTGSLSSI	7	0
>APC-S2570L RTGSSSSIL	32	>APC-S2570L RTGSLSSIL	48	16
>APC-S2570L RRTGSSSSI	69	>APC-S2570L RRTGSLSSI	171	102
>APC-S2570L RRTGSSSSIL	44	>APC-S2570L RRTGSLSSIL	121	77
>APC-S2570L RRTGSSSS	415	>APC-S2570L RRTGSLSS	228	187
>APC-S2570L RRTGSSSSI	68	>APC-S2570L RRTGSLSSI	50	18
>APC-S2570L RRTGSSSSIL	16	>APC-S2570L RRTGSLSSIL	13	3
>APC-S2570L RRTGSSSSILS	244	>APC-S2570L RRTGSLSSILS	206	38
>APC-S2570L RRTGSSSSIL	136	>APC-S2570L RRTGSLSSIL	350	214
>APC-S2570L RRTGSSSSI	241	>APC-S2570L RRTGSLSSI	157	84
>APC-S2570L RRTGSSSSIL	53	>APC-S2570L RRTGSLSSIL	60	7
>APC-S2570L RRTGSSSSILS	465	>APC-S2570L RRTGSLSSILS	365	100
>APC-S2570L RRTGSSSSI	350	>APC-S2570L RRTGSLSSI	125	225
>APC-S2570L RRTGSSSSIL	47	>APC-S2570L RRTGSLSSIL	30	17
>APC-S2570L RRTGSSSSI	151	>APC-S2570L RRTGSLSSI	243	92
>APC-S2570L WRRRTGSSSSI	23	>APC-S2570L WRRRTGSLSSI	44	21
>APC-S2570L WRRRTGSSSSI	18	>APC-S2570L WRRRTGSLSSI	35	17
>APC-S2570L WRRRTGSSSSI	171	>APC-S2570L WRRRTGSLSSI	95	76
>APC-S2570L WRRRTGSSSSI	57	>APC-S2570L WRRRTGSLSSI	61	4



>APC-S2570L WRRTGSSSSI	49	>APC-S2570L WRRTGSLSSI	115	66
>APC-S2570L WRRTGSSSSI	253	>APC-S2570L WRRTGSLSSI	164	89
>APC-S2570L WRRTGSSSSI	271	>APC-S2570L WRRTGSLSSI	131	140
>APC-S2570L WRRTGSSSSI	231	>APC-S2570L WRRTGSLSSI	124	107
>APC-S2570L WRRTGSSSSI	34	>APC-S2570L WRRTGSLSSI	19	15
>APC-S2570L TWRRTGSSSI	338	>APC-S2570L TWRRTGSLSI	389	51
>APC-S2570L TWRRTGSSSI	75	>APC-S2570L TWRRTGSLSI	121	46
>APC-S2570L TWRRTGSS	866	>APC-S2570L TWRRTGSL	212	654
>APC-S2570L TWRRTGSSSI	275	>APC-S2570L TWRRTGSLSI	206	69
>APC-S2570L STWRRTGSS	5821	>APC-S2570L STWRRTGSL	95	5726
>APC-S2570L STWRRTGSS	12529	>APC-S2570L STWRRTGSL	354	12175
>APC-S2570L STWRRTGSS	17707	>APC-S2570L STWRRTGSL	308	17399
>APC-S2570L STWRRTGSS	8808	>APC-S2570L STWRRTGSL	385	8423
>APC-S2570L STWRRTGSS	9853	>APC-S2570L STWRRTGSL	33	9820
>APC-S2570L STWRRTGSS	5317	>APC-S2570L STWRRTGSL	258	5059
>APC-S2570L STWRRTGSS	5355	>APC-S2570L STWRRTGSL	19	5336
>APC-S2570L VSTWRRTGSI	9605	>APC-S2570L VSTWRRTGSI	62	9543
>APC-S2570L VSTWRRTGSI	1378	>APC-S2570L VSTWRRTGSI	47	1331
>APC-S2570L VSTWRRTGSI	26850	>APC-S2570L VSTWRRTGSI	150	26700
>APC-S2631FSSGATNGAES	68	>APC-S2631FSSGATNGAES	1079	1011
>APC-S2631FSSGATNGAES	986	>APC-S2631FSSGATNGAES	294	692
>APC-S2631FSPTNSTSQTV	28861	>APC-S2631FSPTNSTSQTV	33	28828
>APC-S2631FSPTNSTSQTV	8028	>APC-S2631FSPTNSTSQTV	63	7965
>APC-S2631FSPTNSTSQTV	20761	>APC-S2631FSPTNSTSQTV	130	20631
>APC-S2631FSPTNSTSQTV	2181	>APC-S2631FSPTNSTSQTV	33	2148
>APC-S2631FSPTNSTSQTV	22630	>APC-S2631FSPTNSTSQTV	463	22167
>APC-S2631FSPTNSTSQTV	10058	>APC-S2631FSPTNSTSQTV	109	9949
>APC-S2631FSPTNSTSQTV	10653	>APC-S2631FSPTNSTSQTV	45	10608
>APC-S2631FSPTNSTSQTV	24653	>APC-S2631FSPTNSTSQTV	389	24264
>APC-S2631FTVSSGATNG/	1120	>APC-S2631FTVFSGATNG/	407	713
>APC-S2631FTVSSGATNG/	493	>APC-S2631FTVFSGATNG/	156	337
>APC-S2631FTVSSGATNG/	500	>APC-S2631FTVFSGATNG/	195	305
>APC-S2631FTVSSGATNG/	892	>APC-S2631FTVFSGATNG/	115	777
>APC-S2631FQTVSSGATNK	50	>APC-S2631FQTVFSGATNK	25	25
>APC-S2631FQTVSSGATNK	365	>APC-S2631FQTVFSGATNK	460	95
>APC-S2631FQTVSSGATN	714	>APC-S2631FQTVFSGATN	418	296
>APC-S2631FSQTVSSGA	236	>APC-S2631FSQTVFSGA	67	169
>APC-S2631FTSQTVSSGA	370	>APC-S2631FTSQTVFSGA	152	218
>APC-S2631FSTSQTVSSGA	223	>APC-S2631FSTSQTVFSGA	127	96
>APC-S2631FSTSQTVSSGA	734	>APC-S2631FSTSQTVFSGA	210	524
>APC-S2631FSTSQTVSSGA	231	>APC-S2631FSTSQTVFSGA	72	159
>APC-S2631FSTSQTVSSG	233	>APC-S2631FSTSQTVFSG	2774	2541
>APC-S2631FSTSQTVSSGA	334	>APC-S2631FSTSQTVFSGA	1297	963

>APC-S2631FNSTSQTVSSG	273	>APC-S2631FNSTSQTVFSG	142	131
>APC-S2631FNSTSQTVS	18725	>APC-S2631FNSTSQTVF	140	18585
>APC-S2631FNSTSQTVS	22874	>APC-S2631FNSTSQTVF	161	22713
>APC-S2631FNSTSQTVS	5302	>APC-S2631FNSTSQTVF	66	5236
>APC-S2631FTNSTSQTVS	18934	>APC-S2631FTNSTSQTVF	81	18853
>APC-S2631FPTNSTSQTVS	16746	>APC-S2631FPTNSTSQTVF	123	16623
>APC-S2631FPTNSTSQTVS	22413	>APC-S2631FPTNSTSQTVF	255	22158
>APC-S2631FPTNSTSQTVS	21893	>APC-S2631FPTNSTSQTVF	252	21641
>APC-S906Y-SSGSTTEL	12101	>APC-S906Y-SYGSTTEL	8	12093
>APC-S906Y-SSGSTTEL	14228	>APC-S906Y-SYGSTTEL	9	14219
>APC-S906Y-SSGSTTEL	408	>APC-S906Y-SYGSTTEL	25926	25518
>APC-S906Y-SSGSTTE LH	319	>APC-S906Y-SYGSTTE LH	7017	6698
>APC-S906Y-SSGSTTEL	12459	>APC-S906Y-SYGSTTEL	395	12064
>APC-S906Y-SSGSTTE LH	8226	>APC-S906Y-SYGSTTE LH	214	8012
>APC-S906Y-SSGSTTEL	462	>APC-S906Y-SYGSTTEL	13687	13225
>APC-S906Y-AIHTSQEDRS	26647	>APC-S906Y-AIHTSQEDRS	341	26306
>APC-S906Y-AIHTSQEDRS	26418	>APC-S906Y-AIHTSQEDRS	174	26244
>APC-S906Y-AIHTSQEDRS	17401	>APC-S906Y-AIHTSQEDRS	253	17148
>APC-S906Y-AIHTSQEDRS	18545	>APC-S906Y-AIHTSQEDRS	418	18127
>APC-S906Y-RSSGSTTEL	562	>APC-S906Y-RSYGSTTEL	353	209
>APC-S906Y-RSSGSTTE	1945	>APC-S906Y-RSYGSTTE	325	1620
>APC-S906Y-RSSGSTTEL	74	>APC-S906Y-RSYGSTTEL	14	60
>APC-S906Y-RSSGSTTEL	1024	>APC-S906Y-RSYGSTTEL	382	642
>APC-S906Y-RSSGSTTEL	193	>APC-S906Y-RSYGSTTEL	29	164
>APC-S906Y-RSSGSTTE	406	>APC-S906Y-RSYGSTTE	37	369
>APC-S906Y-RSSGSTTEL	3	>APC-S906Y-RSYGSTTEL	2	1
>APC-S906Y-RSSGSTTE LH	235	>APC-S906Y-RSYGSTTE LH	24	211
>APC-S906Y-RSSGSTTE LH	920	>APC-S906Y-RSYGSTTE LH	77	843
>APC-S906Y-RSSGSTTEL	3664	>APC-S906Y-RSYGSTTEL	317	3347
>APC-S906Y-RSSGSTTEL	1297	>APC-S906Y-RSYGSTTEL	341	956
>APC-S906Y-RSSGSTTEL	40	>APC-S906Y-RSYGSTTEL	26	14
>APC-S906Y-RSSGSTTE LH	336	>APC-S906Y-RSYGSTTE LH	166	170
>APC-S906Y-RSSGSTTE LH	333	>APC-S906Y-RSYGSTTE LH	182	151
>APC-S906Y-RSSGSTTEL	131	>APC-S906Y-RSYGSTTEL	68	63
>APC-S906Y-RSSGSTTEL	345	>APC-S906Y-RSYGSTTEL	50	295
>APC-S906Y-DRSSGSTTEL	465	>APC-S906Y-DRSYGSTTEL	1289	824
>APC-S906Y-QEDRSSGTT	720	>APC-S906Y-QEDRSYGTT	371	349
>APC-S906Y-TSQEDRSS	24452	>APC-S906Y-TSQEDRSY	96	24356
>APC-S906Y-TSQEDRSS	22463	>APC-S906Y-TSQEDRSY	151	22312
>APC-S906Y-HTSQEDRSS	18214	>APC-S906Y-HTSQEDRSY	45	18169
>APC-S906Y-HTSQEDRSS	20198	>APC-S906Y-HTSQEDRSY	234	19964
>APC-S906Y-HTSQEDRSS	28160	>APC-S906Y-HTSQEDRSY	222	27938
>APC-S906Y-HTSQEDRSS	25245	>APC-S906Y-HTSQEDRSY	402	24843

>APC-S906Y- HTSQEDRSS	20583	>APC-S906Y- HTSQEDRSY	75	20508
>APC-S906Y- HTSQEDRSS	17691	>APC-S906Y- HTSQEDRSY	271	17420
>APC-S906Y- HTSQEDRSS	10618	>APC-S906Y- HTSQEDRSY	17	10601
>APC-S906Y- HTSQEDRSS	12781	>APC-S906Y- HTSQEDRSY	136	12645
>APC-S906Y- HTSQEDRSS	16668	>APC-S906Y- HTSQEDRSY	298	16370
>APC-S906Y- HTSQEDRSS	16530	>APC-S906Y- HTSQEDRSY	436	16094
>APC-S906Y- HTSQEDRSS	27883	>APC-S906Y- HTSQEDRSY	144	27739
>APC-S906Y- IHTSQEDRSS	16152	>APC-S906Y- IHTSQEDRSY	489	15663
>APC-S966R- SVSSSDGYGK	220	>APC-S966R- RVSSSDGYGK	103	117
>APC-S966R- SVSSSDGY	329	>APC-S966R- RVSSSDGY	556	227
>APC-S966R- SVSSSDGYGK	11	>APC-S966R- RVSSSDGYGK	16	5
>APC-S966R- SVSSSDGYGK	228	>APC-S966R- RVSSSDGYGK	406	178
>APC-S966R- SVSSSDGY	150	>APC-S966R- RVSSSDGY	880	730
>APC-S966R- SVSSSDGY	214	>APC-S966R- RVSSSDGY	588	374
>APC-S966R- SVSSSDGYGK	865	>APC-S966R- RVSSSDGYGK	66	799
>APC-S966R- SVSSSDGY	31	>APC-S966R- RVSSSDGY	26	5
>APC-S966R- SVSSSDGYGK	160	>APC-S966R- RVSSSDGYGK	25	135
>APC-S966R- SVSSSDGYGK	19	>APC-S966R- RVSSSDGYGK	58	39
>APC-S966R- SVSSSDGYGK	34	>APC-S966R- RVSSSDGYGK	167	133
>APC-S966R- SVSSSDGY	593	>APC-S966R- RVSSSDGY	197	396
>APC-S966R- SVSSSDGY	171	>APC-S966R- RVSSSDGY	96	75
>APC-S966R- SVSSSDGY	276	>APC-S966R- RVSSSDGY	1434	1158
>APC-S966R- SVSSSDGY	430	>APC-S966R- RVSSSDGY	27	403
>APC-S966R- SVSSSDGY	223	>APC-S966R- RVSSSDGY	415	192
>APC-S966R- SVSSSDGYGK	495	>APC-S966R- RVSSSDGYGK	2549	2054
>APC-S966R- SVSSSDGYGK	2867	>APC-S966R- RVSSSDGYGK	476	2391
>APC-S966R- NSVSSSDGYC	354	>APC-S966R- NRVSSSDGYC	22963	22609
>APC-S966R- NSVSSSDGY	72	>APC-S966R- NRVSSSDGY	7342	7270
>APC-S966R- NSVSSSDGY	344	>APC-S966R- NRVSSSDGY	3605	3261
>APC-S966R- NSVSSSDGYC	47	>APC-S966R- NRVSSSDGYC	4033	3986
>APC-S966R- NSVSSSDGY	347	>APC-S966R- NRVSSSDGY	12368	12021
>APC-S966R- NSVSSSDGY	921	>APC-S966R- NRVSSSDGY	390	531
>APC-S966R- NSVSSSDGY	21	>APC-S966R- NRVSSSDGY	20563	20542
>APC-S966R- NSVSSSDGY	186	>APC-S966R- NRVSSSDGY	4871	4685
>APC-S966R- NSVSSSDGY	477	>APC-S966R- NRVSSSDGY	12316	11839
>APC-S966R- YKRSSNDSL N	85	>APC-S966R- YKRSSNDSL N	23	62
>APC-S966R- LNSVSSSDGY	436	>APC-S966R- LNRVSSSDGY	222	214
>APC-S966R- LNSVSSSDGY	1122	>APC-S966R- LNRVSSSDGY	326	796
>APC-S966R- LNSVSSSDGY	910	>APC-S966R- LNRVSSSDGY	351	559
>APC-S966R- SLNSVSSS	109	>APC-S966R- SLNRVSSS	303	194
>APC-S966R- SLNSVSSSDG	439	>APC-S966R- SLNRVSSSDG	1176	737
>APC-S966R- SLNSVSSSDG	24	>APC-S966R- SLNRVSSSDG	74	50
>APC-S966R- SLNSVSSSDG	87	>APC-S966R- SLNRVSSSDG	73	14

>APC-S966R- SLNSVSSSDG	47	>APC-S966R- SLNRVSSSDG	64	17
>APC-S966R- SLNSVSSSDG	43	>APC-S966R- SLNRVSSSDG	68	25
>APC-S966R- SLNSVSSSDG	458	>APC-S966R- SLNRVSSSDG	679	221
>APC-S966R- SLNSVSSSDG	231	>APC-S966R- SLNRVSSSDG	516	285
>APC-S966R- SSNDLNSV	132	>APC-S966R- SSNDLNRV	409	277
>APC-S966R- SSNDLNSV	85	>APC-S966R- SSNDLNRV	300	215
>APC-S966R- SSNDLNSV	95	>APC-S966R- SSNDLNRV	507	412
>APC-S966R- SSNDLNS	13605	>APC-S966R- SSNDLNR	65	13540
>APC-S966R- SSNDLNS	17029	>APC-S966R- SSNDLNR	72	16957
>APC-S966R- SSNDLNS	27562	>APC-S966R- SSNDLNR	104	27458
>APC-S966R- SSNDLNSV	57	>APC-S966R- SSNDLNRV	92	35
>APC-S966R- SSNDLNSV	254	>APC-S966R- SSNDLNRV	662	408
>APC-S966R- SSNDLNS	8794	>APC-S966R- SSNDLNR	261	8533
>APC-S966R- RSSNDLNSV	482	>APC-S966R- RSSNDLNRV	1463	981
>APC-S966R- RSSNDLNSV	369	>APC-S966R- RSSNDLNRV	1590	1221
>APC-S966R- RSSNDLNS	16299	>APC-S966R- RSSNDLNR	451	15848
>APC-S966R- RSSNDLNS	15088	>APC-S966R- RSSNDLNR	171	14917
>APC-S966R- RSSNDLNSV	354	>APC-S966R- RSSNDLNRV	983	629
>APC-S966R- RSSNDLNS	18980	>APC-S966R- RSSNDLNR	120	18860
>APC-S966R- RSSNDLNSV	256	>APC-S966R- RSSNDLNRV	391	135
>APC-S966R- RSSNDLNSV	211	>APC-S966R- RSSNDLNRV	1146	935
>APC-S966R- RSSNDLNSV	252	>APC-S966R- RSSNDLNRV	201	51
>APC-S966R- RSSNDLNSV	98	>APC-S966R- RSSNDLNRV	210	112
>APC-S966R- RSSNDLNSV	281	>APC-S966R- RSSNDLNRV	2592	2311
>APC-S966R- RSSNDLNS	8977	>APC-S966R- RSSNDLNR	282	8695
>APC-S966R- RSSNDLNS	34774	>APC-S966R- RSSNDLNR	348	34426
>APC-S966R- KRSSNDLNS	207	>APC-S966R- KRSSNDLNR	818	611
>APC-S966R- KRSSNDLNS	7034	>APC-S966R- KRSSNDLNR	405	6629
>APC-S966R- KRSSNDLNS	22042	>APC-S966R- KRSSNDLNR	150	21892
>APC-T1301\$TLQIAEIKEKI	633	>APC-T1301\$SLQIAEIKEKI	118	515
>APC-T1301\$TLQIAEIKEKI	1483	>APC-T1301\$SLQIAEIKEKI	171	1312
>APC-T1301\$TLQIAEIKEKI	251	>APC-T1301\$SLQIAEIKEKI	55	196
>APC-T1301\$TLQIAEIK	288	>APC-T1301\$SLQIAEIK	157	131
>APC-T1301\$TLQIAEIKEK	478	>APC-T1301\$SLQIAEIKEK	205	273
>APC-T1301\$NTLQIAEIK	22	>APC-T1301\$NSLQIAEIK	94	72
>APC-T1301\$NTLQIAEIKEK	73	>APC-T1301\$NSLQIAEIKEK	317	244
>APC-T1301\$NTLQIAEI	28	>APC-T1301\$NSLQIAEI	361	333
>APC-T1301\$NTLQIAEI	15	>APC-T1301\$NSLQIAEI	229	214
>APC-T1301\$NTLQIAEI	569	>APC-T1301\$NSLQIAEI	429	140
>APC-T1301\$NTLQIAEI	111	>APC-T1301\$NSLQIAEI	148	37
>APC-T1301\$SANTLQIAEI	735	>APC-T1301\$SANSLQIAEI	477	258
>APC-T1301\$SANTLQIAEIK	65	>APC-T1301\$SANSLQIAEIK	66	1
>APC-T1301\$SANTLQIAEIK	180	>APC-T1301\$SANSLQIAEIK	108	72

>APC-T1301\$DSANTLQIAE	172	>APC-T1301\$DSANSLQIAE	126	46
>APC-T1301\$DSANTLQI	315	>APC-T1301\$DSANSLQI	365	50
>APC-T1301\$ADSANTLQI	51	>APC-T1301\$ADSANSLQI	140	89
>APC-T1301\$ADSANTLQI	28	>APC-T1301\$ADSANSLQI	36	8
>APC-T1301\$EADSANTL	76	>APC-T1301\$EADSANSL	68	8
>APC-T1301\$EADSANTLQI	20	>APC-T1301\$EADSANSLQI	24	4
>APC-T1301\$QEADSANTL	61	>APC-T1301\$QEADSANSL	37	24
>APC-T1301\$QEADSANTLC	8	>APC-T1301\$QEADSANSLC	9	1
>APC-T1301\$QEADSANTL	107	>APC-T1301\$QEADSANSL	123	16
>APC-T1301\$QEADSANTL	16	>APC-T1301\$QEADSANSL	24	8
>APC-T1301\$QEADSANTLC	140	>APC-T1301\$QEADSANSLC	160	20
>APC-T1301\$QEADSANT	246	>APC-T1301\$QEADSANS	1098	852
>APC-T1301\$QEADSANTL	257	>APC-T1301\$QEADSANSL	227	30
>APC-T1301\$QEADSANTLC	11	>APC-T1301\$QEADSANSLC	14	3
>APC-T1301\$TQEADSANTI	13	>APC-T1301\$TQEADSANSI	14	1
>APC-T1301\$TTQEADSANTI	155	>APC-T1301\$TTQEADSANSI	91	64
>APC-T1301\$TTQEADSANTI	38	>APC-T1301\$TTQEADSANSI	68	30
>APC-T1301\$TTQEADSANTI	241	>APC-T1301\$TTQEADSANSI	300	59
>APC-T1301\$TTQEADSANTI	259	>APC-T1301\$TTQEADSANSI	547	288
>APC-T1301\$TTQEADSANTI	509	>APC-T1301\$TTQEADSANSI	482	27
>APC-T1313/ TRSAEDPVSE	1568	>APC-T1313/ ARSAEDPVSE	481	1087
>APC-T1313/ GTRSAEDPV	344	>APC-T1313/ GARSADPV	1857	1513
>APC-T1313/ QIAEIKEKIGT	1261	>APC-T1313/ QIAEIKEKIGA	138	1123
>APC-T1313/ KIGTRSAEDP'	844	>APC-T1313/ KIGARSAEDP'	485	359
>APC-T1313/ KIGTRSAEDP'	376	>APC-T1313/ KIGARSAEDP'	149	227
>APC-T1313/ KIGTRSAEDP'	335	>APC-T1313/ KIGARSAEDP'	203	132
>APC-T1313/ KIGTRSAEDP'	306	>APC-T1313/ KIGARSAEDP'	144	162
>APC-T1313/ KIGTRSAEDP'	189	>APC-T1313/ KIGARSAEDP'	79	110
>APC-T1313/ KIGTRSAEDP'	224	>APC-T1313/ KIGARSAEDP'	180	44
>APC-T1313/ KIGTRSAEDP'	146	>APC-T1313/ KIGARSAEDP'	72	74
>APC-T1313/ KIGTRSAEDP'	144	>APC-T1313/ KIGARSAEDP'	81	63
>APC-T1313/ KEKIGTRSA	87	>APC-T1313/ KEKIGARSA	189	102
>APC-T1313/ KEKIGTRSA	67	>APC-T1313/ KEKIGARSA	59	8
>APC-T1313/ EIKEKIGTR	31	>APC-T1313/ EIKEKIGAR	29	2
>APC-T1313/ EIKEKIGTR	35	>APC-T1313/ EIKEKIGAR	64	29
>APC-T1313/ AEIKEKIGT	89	>APC-T1313/ AEIKEKIGA	17	72
>APC-T1313/ AEIKEKIGTRS	503	>APC-T1313/ AEIKEKIGARS	417	86
>APC-T1313/ AEIKEKIGT	381	>APC-T1313/ AEIKEKIGA	570	189
>APC-T1368I TPKSPPEHYV	100	>APC-T1368I IPKSPPEHYV	56	44
>APC-T1368I TPKSPPEHYV	137	>APC-T1368I IPKSPPEHYV	510	373
>APC-T1368I TPKSPPEHY	2947	>APC-T1368I IPKSPPEHY	425	2522
>APC-T1368I QTPKSPPEHY	274	>APC-T1368I QIPKSPPEHY	4177	3903
>APC-T1368I QTPKSPPEHY	1215	>APC-T1368I QIPKSPPEHY	489	726

>APC-T1368I QTPKSPPEHY	238	>APC-T1368I QIPKSPPEHY	58	180
>APC-T1368I QTPKSPPEHY	1219	>APC-T1368I QIPKSPPEHY	157	1062
>APC-T1368I QTPKSPPEHY	500	>APC-T1368I QIPKSPPEHY	25	475
>APC-T1368I QTPKSPPEHY	32	>APC-T1368I QIPKSPPEHY	204	172
>APC-T1368I QTPKSPPEHY	125	>APC-T1368I QIPKSPPEHY	1760	1635
>APC-T1368I QTPKSPPEHY	337	>APC-T1368I QIPKSPPEHY	965	628
>APC-T1368I QTPKSPPEHY	25	>APC-T1368I QIPKSPPEHY	97	72
>APC-T1368I QTPKSPPEHY	75	>APC-T1368I QIPKSPPEHY	300	225
>APC-T1368I QTPKSPPEHY	293	>APC-T1368I QIPKSPPEHY	15363	15070
>APC-T1368I QTPKSPPEHY	9	>APC-T1368I QIPKSPPEHY	1198	1189
>APC-T1368I QTPKSPPEHY	106	>APC-T1368I QIPKSPPEHY	2709	2603
>APC-T1368I AKSPSKSGAC	1452	>APC-T1368I AKSPSKSGAC	53	1399
>APC-T1368I AQTPKSPPEH	4582	>APC-T1368I AQIPKSPPEH'	329	4253
>APC-T1368I AQTPKSPPEH	1500	>APC-T1368I AQIPKSPPEH'	346	1154
>APC-T1368I AQTPKSPPEH	410	>APC-T1368I AQIPKSPPEH'	334	76
>APC-T1368I AQTPKSPPEH	87	>APC-T1368I AQIPKSPPEH'	30	57
>APC-T1368I AQTPKSPPEH	1009	>APC-T1368I AQIPKSPPEH	224	785
>APC-T1368I AQTPKSPPEH	22	>APC-T1368I AQIPKSPPEH'	8	14
>APC-T1368I KSGAQTPK	96	>APC-T1368I KSGAQIPK	88	8
>APC-T1368I KSGAQTPK	34	>APC-T1368I KSGAQIPK	21	13
>APC-T1368I KSGAQTPK	20	>APC-T1368I KSGAQIPK	9	11
>APC-T1368I KSGAQTPK	209	>APC-T1368I KSGAQIPK	228	19
>APC-T1368I PSKSGAQTPK	41	>APC-T1368I PSKSGAQIPK	16	25
>APC-T1368I SPSKSGAQT	18815	>APC-T1368I SPSKSGAQI	286	18529
>APC-T1368I SPSKSGAQT	251	>APC-T1368I SPSKSGAQI	37	214
>APC-T1368I KSPSKSGAQT	3804	>APC-T1368I KSPSKSGAQI	174	3630
>APC-T1368I KSPSKSGAQT	1814	>APC-T1368I KSPSKSGAQI	22	1792
>APC-T1368I KSPSKSGAQT	19427	>APC-T1368I KSPSKSGAQI	49	19378
>APC-T1537I ETESEQPK	24	>APC-T1537I EKESEQPK	6471	6447
>APC-V1323I VPAVSQHPR	1078	>APC-V1323I IPAVSQHPR	354	724
>APC-V1323I EVPAVSQHPR	369	>APC-V1323I EIPAVSQHPR	319	50
>APC-V1323I EVPAVSQHPR	279	>APC-V1323I EIPAVSQHPR	227	52
>APC-V1323I EVPAVSQHPR	6	>APC-V1323I EIPAVSQHPR	8	2
>APC-V1323I EVPAVSQHPR	254	>APC-V1323I EIPAVSQHPR	99	155
>APC-V1323I SEVPAVSQHF	425	>APC-V1323I SEIPAVSQHP	516	91
>APC-V1323I VSEVPAVSQH	457	>APC-V1323I VSEIPAVSQH	231	226
>APC-V1323I PVSEVPAV	111	>APC-V1323I PVSEIPAV	191	80
>APC-V1323I PVSEVPAV	309	>APC-V1323I PVSEIPAV	569	260
>APC-V1323I PVSEVPAV	289	>APC-V1323I PVSEIPAV	183	106
>APC-V1323I PVSEVPAV	190	>APC-V1323I PVSEIPAV	107	83
>APC-V1323I PVSEVPAV	509	>APC-V1323I PVSEIPAV	401	108
>APC-V1323I DPVSEVPAV	187	>APC-V1323I DPVSEIPAV	169	18
>APC-V1323I DPVSEVPA	320	>APC-V1323I DPVSEIPA	279	41

>APC-V1323I DPVSEVPAV	313	>APC-V1323I DPVSEIPAV	530	217
>APC-V1323I DPVSEVPA	196	>APC-V1323I DPVSEIPA	208	12
>APC-V1323I AEDPVSEVPA	287	>APC-V1323I AEDPVSEIPA\	204	83
>APC-V1323I AEDPVSEV	380	>APC-V1323I AEDPVSEI	157	223
>APC-V1323I AEDPVSEVPA	84	>APC-V1323I AEDPVSEIPA\	63	21
>APC-V1323I AEDPVSEV	242	>APC-V1323I AEDPVSEI	957	715
>APC-V1323I AEDPVSEVPA	36	>APC-V1323I AEDPVSEIPA	40	4
>APC-V1323I AEDPVSEVPA	92	>APC-V1323I AEDPVSEIPA\	92	0
>APC-V1323I AEDPVSEV	438	>APC-V1323I AEDPVSEI	55	383
>APC-V1323I AEDPVSEVPA	50	>APC-V1323I AEDPVSEIPA\	49	1
>APC-V1323I SAEDPVSEV	135	>APC-V1323I SAEDPVSEI	1818	1683
>APC-V1323I SAEDPVSEV	26	>APC-V1323I SAEDPVSEI	3075	3049
>APC-V1323I SAEDPVSEV	155	>APC-V1323I SAEDPVSEI	957	802
>APC-V1323I SAEDPVSEV	215	>APC-V1323I SAEDPVSEI	1644	1429
>APC-V1323I SAEDPVSEV	10893	>APC-V1323I SAEDPVSEI	141	10752
>APC-V1323I RSAEDPVSEV	150	>APC-V1323I RSAEDPVSEI	2022	1872
>APC-V1323I RSAEDPVSEV	2350	>APC-V1323I RSAEDPVSEI	197	2153
>APC-V1323I RSAEDPVSEV	115	>APC-V1323I RSAEDPVSEI	449	334
>APC-V1323I RSAEDPVSEV	419	>APC-V1323I RSAEDPVSEI	279	140
>APC-V1323I RSAEDPVSEV	73	>APC-V1323I RSAEDPVSEI	15	58
>APC-V1323I RSAEDPVSEV	2973	>APC-V1323I RSAEDPVSEI	58	2915
>APC-V1323I RSAEDPVSEV	415	>APC-V1323I RSAEDPVSEI	509	94
>APC-V1323I RSAEDPVSEV	2161	>APC-V1323I RSAEDPVSEI	54	2107
>APC-V1326/ VSQHPRTK	159	>APC-V1326/ ASQHPRTK	110	49
>APC-V1326/ VSQHPRTK	1078	>APC-V1326/ ASQHPRTK	93	985
>APC-V1326/ VSQHPRTKSS	65	>APC-V1326/ ASQHPRTKSS	45	20
>APC-V1326/ VSQHPRTK	2028	>APC-V1326/ ASQHPRTK	320	1708
>APC-V1326/ AVSQHPRTK	232	>APC-V1326/ AASQHPRTK	1572	1340
>APC-V1326/ AVSQHPRTK	127	>APC-V1326/ AASQHPRTK	568	441
>APC-V1326/ AVSQHPRTK	136	>APC-V1326/ AASQHPRTK	543	407
>APC-V1326/ AVSQHPRTK	126	>APC-V1326/ AASQHPRTK	125	1
>APC-V1326/ AEDPVSEVPA	287	>APC-V1326/ AEDPVSEVPA	2474	2187
>APC-V1326/ AEDPVSEVPA	84	>APC-V1326/ AEDPVSEVPA	3015	2931
>APC-V1326/ AEDPVSEVPA	92	>APC-V1326/ AEDPVSEVPA	27	65
>APC-V1326/ AEDPVSEVPA	50	>APC-V1326/ AEDPVSEVPA	1726	1676
>APC-V1326/ VPAVSQHPR	1629	>APC-V1326/ VPAASQHPR	335	1294
>APC-V1326/ EVPAVSQHPI	369	>APC-V1326/ EVPAASQHPI	551	182
>APC-V1326/ EVPAVSQHPI	279	>APC-V1326/ EVPAASQHPI	726	447
>APC-V1326/ EVPAVSQHPI	6	>APC-V1326/ EVPAASQHPI	9	3
>APC-V1326/ EVPAVSQHPI	254	>APC-V1326/ EVPAASQHPI	147	107
>APC-V1326/ SEVPAVSQHF	425	>APC-V1326/ SEVPAASQHF	370	55
>APC-V1326/ VSEVPAVSQHF	457	>APC-V1326/ VSEVPAASQHF	241	216
>APC-V1326/ PVSEVPAV	111	>APC-V1326/ PVSEVPAA	4236	4125

>APC-V1326/PVSEVPAV	309	>APC-V1326/PVSEVPAA	10158	9849
>APC-V1326/PVSEVPAV	289	>APC-V1326/PVSEVPAA	8464	8175
>APC-V1326/PVSEVPAV	190	>APC-V1326/PVSEVPAA	10974	10784
>APC-V1326/DPVSEVPAV	187	>APC-V1326/DPVSEVPAA	5294	5107
>APC-V1326/DPVSEVPAV	313	>APC-V1326/DPVSEVPAA	146	167
>APC-V1326/DPVSEVPAV	1204	>APC-V1326/DPVSEVPAA	215	989
>APC-V1326/VSQHPRTK	159	>APC-V1326/MSQHPRTK	89	70
>APC-V1326/VSQHPRTK	1078	>APC-V1326/MSQHPRTK	56	1022
>APC-V1326/VSQHPRTK	2613	>APC-V1326/MSQHPRTK	451	2162
>APC-V1326/VSQHPRTKSS	65	>APC-V1326/MSQHPRTKS!	21	44
>APC-V1326/VSQHPRTKSS	882	>APC-V1326/MSQHPRTKS!	166	716
>APC-V1326/VSQHPRTK	8295	>APC-V1326/MSQHPRTK	471	7824
>APC-V1326/VSQHPRTKSS	1773	>APC-V1326/MSQHPRTKS!	52	1721
>APC-V1326/AVSQHPRT	14643	>APC-V1326/AMSQHPRT	411	14232
>APC-V1326/AVSQHPRT	8670	>APC-V1326/AMSQHPRT	138	8532
>APC-V1326/AVSQHPRTK	232	>APC-V1326/AMSQHPRTK	91	141
>APC-V1326/AVSQHPRTK	127	>APC-V1326/AMSQHPRTK	146	19
>APC-V1326/AVSQHPRTK	136	>APC-V1326/AMSQHPRTK	734	598
>APC-V1326/AVSQHPRTK	126	>APC-V1326/AMSQHPRTK	241	115
>APC-V1326/AEDPVSEVPA	287	>APC-V1326/AEDPVSEVPA	6076	5789
>APC-V1326/AEDPVSEVPA	84	>APC-V1326/AEDPVSEVPA	72	12
>APC-V1326/AEDPVSEVPA	523	>APC-V1326/AEDPVSEVPA	374	149
>APC-V1326/AEDPVSEVPA	92	>APC-V1326/AEDPVSEVPA	1144	1052
>APC-V1326/AEDPVSEVPA	50	>APC-V1326/AEDPVSEVPA	162	112
>APC-V1326/PAVSQHPR	883	>APC-V1326/PAMSQHPR	227	656
>APC-V1326/EVPAVSQH	754	>APC-V1326/EVPAMSQH	379	375
>APC-V1326/EVPAVSQHPI	369	>APC-V1326/EVPAMSQHP	238	131
>APC-V1326/EVPAVSQHPI	279	>APC-V1326/EVPAMSQHP	330	51
>APC-V1326/EVPAVSQHPI	6	>APC-V1326/EVPAMSQHP	7	1
>APC-V1326/EVPAVSQHPI	254	>APC-V1326/EVPAMSQHP	139	115
>APC-V1326/SEVPAVSQHF	425	>APC-V1326/SEVPAMSQH	396	29
>APC-V1326/VSEVPAVSQHF	457	>APC-V1326/VSEVPAMSQ	301	156
>APC-V1326/PVSEVPAV	111	>APC-V1326/PVSEVPAM	6049	5938
>APC-V1326/PVSEVPAV	309	>APC-V1326/PVSEVPAM	14972	14663
>APC-V1326/PVSEVPAV	289	>APC-V1326/PVSEVPAM	8933	8644
>APC-V1326/PVSEVPAV	190	>APC-V1326/PVSEVPAM	17923	17733
>APC-V1326/DPVSEVPAV	1597	>APC-V1326/DPVSEVPAM	27	1570
>APC-V1326/DPVSEVPAV	187	>APC-V1326/DPVSEVPAM	2654	2467
>APC-V1326/DPVSEVPAV	313	>APC-V1326/DPVSEVPAM	11	302
>APC-V1326/DPVSEVPAV	2795	>APC-V1326/DPVSEVPAM	488	2307
>APC-V1352/VEFSSGAKSP!	973	>APC-V1352/IEFSSGAKSPS	368	605
>APC-V1352/AVEFSSGAK	376	>APC-V1352/AIEFSSGAK	338	38
>APC-V1352/AVEFSSGAK	64	>APC-V1352/AIEFSSGAK	107	43



>APC-V1352 AVEFSSGAK	77	>APC-V1352 AIEFSSGAK	257	180
>APC-V1352 LSSESARHKA'	550	>APC-V1352 LSSESARHKA	318	232
>APC-V1352 LSSESARHKA'	204	>APC-V1352 LSSESARHKA	36	168
>APC-V1352 LSSESARHKA'	2690	>APC-V1352 LSSESARHKA	36	2654
>APC-V1352 KAVEFSSGA	348	>APC-V1352 KAIEFSSGA	147	201
>APC-V1352 KAVEFSSGA	53	>APC-V1352 KAIEFSSGA	33	20
>APC-V1352 KAVEFSSGAK	275	>APC-V1352 KAIEFSSGAK	142	133
>APC-V1352 KAVEFSSGAK	255	>APC-V1352 KAIEFSSGAK	90	165
>APC-V1352 KAVEFSSGAK	29	>APC-V1352 KAIEFSSGAK	19	10
>APC-V1352 ARHKAVEF	11	>APC-V1352 ARHKAIEF	18	7
>APC-V1352 ARHKAVEF	140	>APC-V1352 ARHKAIEF	130	10
>APC-V1352 SARHKAVEFS	336	>APC-V1352 SARHKAIEFS	236	100
>APC-V1352 SARHKAVEFS	491	>APC-V1352 SARHKAIEFS	331	160
>APC-V1352 SARHKAVEF	41	>APC-V1352 SARHKAIEF	79	38
>APC-V1352 SARHKAVEF	5	>APC-V1352 SARHKAIEF	5	0
>APC-V1352 ESARHKAVEF	44	>APC-V1352 ESARHKAIEF	35	9
>APC-V1352 ESARHKAV	67	>APC-V1352 ESARHKAI	360	293
>APC-V1352 ESARHKAVEF	505	>APC-V1352 ESARHKAIEFS	445	60
>APC-V1352 ESARHKAV	261	>APC-V1352 ESARHKAI	1540	1279
>APC-V1352 ESARHKAVEF	278	>APC-V1352 ESARHKAIEF	506	228
>APC-V1352 ESARHKAVEF	60	>APC-V1352 ESARHKAIEF	77	17
>APC-V1352 ESARHKAV	12471	>APC-V1352 ESARHKAI	346	12125
>APC-V1352 SESARHKAV	177	>APC-V1352 SESARHKAI	22	155
>APC-V1352 SESARHKAV	547	>APC-V1352 SESARHKAI	359	188
>APC-V1352 SESARHKAVE	97	>APC-V1352 SESARHKAIEF	170	73
>APC-V1352 SESARHKAVE	252	>APC-V1352 SESARHKAIEF	202	50
>APC-V1352 SESARHKAV	447	>APC-V1352 SESARHKAI	345	102
>APC-V1352 SESARHKAV	546	>APC-V1352 SESARHKAI	328	218
>APC-V1352 SESARHKAVE	116	>APC-V1352 SESARHKAIEF	111	5
>APC-V1352 SESARHKAVE	183	>APC-V1352 SESARHKAIEF	153	30
>APC-V1352 SESARHKAV	27	>APC-V1352 SESARHKAI	83	56
>APC-V1352 SESARHKAV	1335	>APC-V1352 SESARHKAI	245	1090
>APC-V1414 VSGIISPSDL	101	>APC-V1414 ISGIISPSDL	55	46
>APC-V1414 VSGIISPSDL	299	>APC-V1414 ISGIISPSDL	662	363
>APC-V1414 MVSGIISPS	144	>APC-V1414 MISGIISPS	48	96
>APC-V1414 MVSGIISPSDI	55	>APC-V1414 MISGIISPSDL	24	31
>APC-V1414 MVSGIISPS	225	>APC-V1414 MISGIISPS	88	137
>APC-V1414 MVSGIISPSDI	57	>APC-V1414 MISGIISPSDL	25	32
>APC-V1414 MVSGIISPSDI	1309	>APC-V1414 MISGIISPSDL	442	867
>APC-V1414 MVSGIISPSDI	69	>APC-V1414 MISGIISPSDL	24	45
>APC-V1414 MVSGIISPS	7	>APC-V1414 MISGIISPS	15	8
>APC-V1414 MVSGIISPSDI	32	>APC-V1414 MISGIISPSDL	93	61
>APC-V1414 MVSGIISPSDI	367	>APC-V1414 MISGIISPSDL	1366	999

>APC-V1414I SVQSEPCSGM	374	>APC-V1414I SVQSEPCSGM	2529	2155
>APC-V1414I SVQSEPCSGM	240	>APC-V1414I SVQSEPCSGM	2562	2322
>APC-V1414I SVQSEPCSGM	123	>APC-V1414I SVQSEPCSGM	6805	6682
>APC-V1414I SVQSEPCSGM	7549	>APC-V1414I SVQSEPCSGM	184	7365
>APC-V1414I GMVSGIISPS	414	>APC-V1414I GMISGIISPS	201	213
>APC-V1414I GMVSGIISPS	813	>APC-V1414I GMISGIISPS	415	398
>APC-V1414I GMVSGIISPS	440	>APC-V1414I GMISGIISPS	287	153
>APC-V1414I SGMVSGII	145	>APC-V1414I SGMISGII	147	2
>APC-V1414I CSGMVSGI	21	>APC-V1414I CSGMISGI	19	2
>APC-V1414I CSGMVSGII	13	>APC-V1414I CSGMISGII	13	0
>APC-V1414I SEPCSGMV	25	>APC-V1414I SEPCSGMI	13	12
>APC-V1414I SEPCSGMVSC	55	>APC-V1414I SEPCSGMISG	64	9
>APC-V1414I SEPCSGMVSC	34	>APC-V1414I SEPCSGMISG	33	1
>APC-V1414I QSEPCSGMV	3068	>APC-V1414I QSEPCSGMI	460	2608
>APC-V1414I QSEPCSGMV	254	>APC-V1414I QSEPCSGMI	179	75
>APC-V1414I QSEPCSGMV	656	>APC-V1414I QSEPCSGMI	18	638
>APC-V1414I VQSEPCSGM	124	>APC-V1414I VQSEPCSGM	1478	1354
>APC-V1472I AVNAAVQRV	735	>APC-V1472I AINAAVQRV	341	394
>APC-V1472I AVNAAVQRV	81	>APC-V1472I AINAAVQRV	31	50
>APC-V1472I AVNAAVQRV	239	>APC-V1472I AINAAVQRV	91	148
>APC-V1472I AVNAAVQRV	9	>APC-V1472I AINAAVQRV	5	4
>APC-V1472I AVNAAVQRV	62	>APC-V1472I AINAAVQRV	28	34
>APC-V1472I AVNAAVQRV	103	>APC-V1472I AINAAVQRV	128	25
>APC-V1472I AVNAAVQRV	268	>APC-V1472I AINAAVQRV	302	34
>APC-V1472I AVNAAVQRV	25	>APC-V1472I AINAAVQRV	10	15
>APC-V1472I AVNAAVQRV	152	>APC-V1472I AINAAVQRV	55	97
>APC-V1472I AVNAAVQRV	81	>APC-V1472I AINAAVQRV	30	51
>APC-V1472I AVNAAVQRV	244	>APC-V1472I AINAAVQRV	92	152
>APC-V1472I AVNAAVQRV	84	>APC-V1472I AINAAVQRV	34	50
>APC-V1472I AVNAAVQRV	518	>APC-V1472I AINAAVQRV	257	261
>APC-V1472I AVNAAVQRV	4	>APC-V1472I AINAAVQRV	3	1
>APC-V1472I AVNAAVQRV	9	>APC-V1472I AINAAVQRV	5	4
>APC-V1472I AVNAAVQR	135	>APC-V1472I AINAAVQR	295	160
>APC-V1472I AVNAAVQRV	344	>APC-V1472I AINAAVQRV	1075	731
>APC-V1472I AVNAAVQR	36	>APC-V1472I AINAAVQR	62	26
>APC-V1472I AVNAAVQR	86	>APC-V1472I AINAAVQR	190	104
>APC-V1472I AVNAAVQRV	122	>APC-V1472I AINAAVQRV	597	475
>APC-V1472I AVNAAVQRV	127	>APC-V1472I AINAAVQRV	565	438
>APC-V1472I KRESGPKQA/	621	>APC-V1472I KRESGPKQA/	376	245
>APC-V1472I AAVNAAVQR	417	>APC-V1472I AAINAAVQR\	264	153
>APC-V1472I AAVNAAVQR	51	>APC-V1472I AAINAAVQR\	44	7
>APC-V1472I AAVNAAVQR	553	>APC-V1472I AAINAAVQR	314	239
>APC-V1472I AAVNAAVQR	43	>APC-V1472I AAINAAVQR	30	13

>APC-V1472I AAVNAAVQR	345	>APC-V1472I AAINAAVQR\	305	40
>APC-V1472I QAAVNAAVC	28	>APC-V1472I QAAINAAVQ	21	7
>APC-V1472I QAAVNAAV	24	>APC-V1472I QAAINAAV	23	1
>APC-V1472I QAAVNAAVC	55	>APC-V1472I QAAINAAVQ	57	2
>APC-V1472I QAAVNAAV	55	>APC-V1472I QAAINAAV	47	8
>APC-V1472I QAAVNAAVC	208	>APC-V1472I QAAINAAVQ	197	11
>APC-V1472I KQAAVNAA	695	>APC-V1472I KQAAINAA	489	206
>APC-V1472I KQAAVNAAV	25	>APC-V1472I KQAAINAAV	19	6
>APC-V1472I KQAAVNAA	56	>APC-V1472I KQAAINAA	29	27
>APC-V1472I KQAAVNAAV	8	>APC-V1472I KQAAINAAV	4	4
>APC-V1472I KQAAVNAA	87	>APC-V1472I KQAAINAA	77	10
>APC-V1472I KQAAVNAAV	15	>APC-V1472I KQAAINAAV	12	3
>APC-V1472I KQAAVNAA	11	>APC-V1472I KQAAINAA	11	0
>APC-V1472I KQAAVNAAV	4	>APC-V1472I KQAAINAAV	5	1
>APC-V1472I KQAAVNAAV	35	>APC-V1472I KQAAINAAV	89	54
>APC-V1472I KQAAVNAAV	86	>APC-V1472I KQAAINAAV	80	6
>APC-V1472I KQAAVNAAV	111	>APC-V1472I KQAAINAAV	313	202
>APC-V1472I KQAAVNAAV	1378	>APC-V1472I KQAAINAAV	462	916
>APC-V1472I KQAAVNAAV	21	>APC-V1472I KQAAINAAV(	19	2
>APC-V1472I KQAAVNAAV	555	>APC-V1472I KQAAINAAV	246	309
>APC-V1472I KQAAVNAA	300	>APC-V1472I KQAAINAA	435	135
>APC-V1472I KQAAVNAAV	135	>APC-V1472I KQAAINAAV	179	44
>APC-V1472I KQAAVNAAV	444	>APC-V1472I KQAAINAAV(	589	145
>APC-V1472I KQAAVNAA	250	>APC-V1472I KQAAINAA	284	34
>APC-V1472I KQAAVNAAV	53	>APC-V1472I KQAAINAAV	57	4
>APC-V1472I KQAAVNAAV	348	>APC-V1472I KQAAINAAV(	363	15
>APC-V1472I KQAAVNAAV	141	>APC-V1472I KQAAINAAV	207	66
>APC-V1472I KQAAVNAAV	45	>APC-V1472I KQAAINAAV(	29	16
>APC-V1472I GPKQAAVNA	159	>APC-V1472I GPKQAAINA/	187	28
>APC-V1472I SGPKQAAV	280	>APC-V1472I SGPKQAAI	79	201
>APC-V1472I ESGPKQAAV	78	>APC-V1472I ESGPKQAAI	407	329
>APC-V1472I ESGPKQAAV	11417	>APC-V1472I ESGPKQAAI	205	11212
>APC-V1472I RESGPKQAA\	223	>APC-V1472I RESGPKQAAI	166	57
>APC-V1472I RESGPKQAA\	341	>APC-V1472I RESGPKQAAI	613	272
>APC-V1472I RESGPKQAA\	138	>APC-V1472I RESGPKQAAI	21	117
>APC-V890I-I VMEEVSAI	377	>APC-V890I-I IMEEVSAI	229	148
>APC-V890I-I VMEEVSAI	80	>APC-V890I-I IMEEVSAI	37	43
>APC-V890I-I VMEEVSAI	40	>APC-V890I-I IMEEVSAI	30	10
>APC-V890I-I VMEEVSAI	220	>APC-V890I-I IMEEVSAI	144	76
>APC-V890I-I VMEEVSAI	7	>APC-V890I-I IMEEVSAI	8	1
>APC-V890I-I VMEEVSAIHT	312	>APC-V890I-I IMEEVSAIHT	382	70
>APC-V890I-I VMEEVSAIHT	169	>APC-V890I-I IMEEVSAIHT(	207	38
>APC-V890I-I VMEEVSAI	13	>APC-V890I-I IMEEVSAI	17	4

>APC-V890I-1 VMEEVSAI	192	>APC-V890I-1 IMEEVSAI	370	178
>APC-V890I-1 VMEEVSAI	444	>APC-V890I-1 IMEEVSAI	463	19
>APC-V890I-1 VMEEVSAI	22	>APC-V890I-1 IMEEVSAI	29	7
>APC-V890I-1 VMEEVSAIHT	421	>APC-V890I-1 IMEEVSAIHT	613	192
>APC-V890I-1 VMEEVSAIHT	254	>APC-V890I-1 IMEEVSAIHT	353	99
>APC-V890I-1 KVMEEVSA	97	>APC-V890I-1 KIMEEVSA	58	39
>APC-V890I-1 KVMEEVSAI	34	>APC-V890I-1 KIMEEVSAI	22	12
>APC-V890I-1 KVMEEVSA	167	>APC-V890I-1 KIMEEVSA	67	100
>APC-V890I-1 KVMEEVSAI	24	>APC-V890I-1 KIMEEVSAI	12	12
>APC-V890I-1 KVMEEVSA	103	>APC-V890I-1 KIMEEVSA	49	54
>APC-V890I-1 KVMEEVSAI	6	>APC-V890I-1 KIMEEVSAI	4	2
>APC-V890I-1 KVMEEVSAIH	944	>APC-V890I-1 KIMEEVSAIH	482	462
>APC-V890I-1 KVMEEVSA	19	>APC-V890I-1 KIMEEVSA	21	2
>APC-V890I-1 KVMEEVSAI	10	>APC-V890I-1 KIMEEVSAI	10	0
>APC-V890I-1 KVMEEVSAIH	100	>APC-V890I-1 KIMEEVSAIH	102	2
>APC-V890I-1 KVMEEVSA	554	>APC-V890I-1 KIMEEVSA	153	401
>APC-V890I-1 KVMEEVSAI	32	>APC-V890I-1 KIMEEVSAI	11	21
>APC-V890I-1 KVMEEVSA	576	>APC-V890I-1 KIMEEVSA	266	310
>APC-V890I-1 KVMEEVSAI	23	>APC-V890I-1 KIMEEVSAI	14	9
>APC-V890I-1 KVMEEVSAI	1434	>APC-V890I-1 KIMEEVSAI	490	944
>APC-V890I-1 KVMEEVSAI	82	>APC-V890I-1 KIMEEVSAI	30	52
>APC-V890I-1 KVMEEVSA	1339	>APC-V890I-1 KIMEEVSA	334	1005
>APC-V890I-1 KVMEEVSAI	1477	>APC-V890I-1 KIMEEVSAI	410	1067
>APC-V890I-1 KVMEEVSAI	14	>APC-V890I-1 KIMEEVSAI	17	3
>APC-V890I-1 KVMEEVSAI	717	>APC-V890I-1 KIMEEVSAI	426	291
>APC-V890I-1 KVMEEVSAI	410	>APC-V890I-1 KIMEEVSAI	1530	1120
>APC-V890I-1 KVMEEVSAI	238	>APC-V890I-1 KIMEEVSAI	1211	973
>APC-V890I-1 ISTTAAQIAKV	235	>APC-V890I-1 ISTTAAQIAKI	34	201
>APC-V890I-1 ISTTAAQIAKV	8421	>APC-V890I-1 ISTTAAQIAKI	334	8087
>APC-V890I-1 ISTTAAQIAKV	197	>APC-V890I-1 ISTTAAQIAKI	104	93
>APC-V890I-1 ISTTAAQIAKV	4382	>APC-V890I-1 ISTTAAQIAKI	67	4315
>APC-V890I-1 AKVMEEVSA	183	>APC-V890I-1 AKIMEEVSA	133	50
>APC-V890I-1 AKVMEEVSAI	18	>APC-V890I-1 AKIMEEVSAI	14	4
>APC-V890I-1 AKVMEEVSAI	417	>APC-V890I-1 AKIMEEVSAIH	282	135
>APC-V890I-1 AKVMEEVSAI	820	>APC-V890I-1 AKIMEEVSAI	198	622
>APC-V890I-1 QIAKVMEEV	432	>APC-V890I-1 QIAKIMEEV	353	79
>APC-V890I-1 QIAKVMEEV	12	>APC-V890I-1 QIAKIMEEV	6	6
>APC-V890I-1 QIAKVMEEV	539	>APC-V890I-1 QIAKIMEEV	233	306
>APC-V890I-1 QIAKVMEEV	73	>APC-V890I-1 QIAKIMEEV	54	19
>APC-V890I-1 QIAKVMEEV	28	>APC-V890I-1 QIAKIMEEV	32	4
>APC-V890I-1 QIAKVMEEV	91	>APC-V890I-1 QIAKIMEEV	303	212
>APC-V890I-1 QIAKVMEEV	186	>APC-V890I-1 QIAKIMEEV	430	244
>APC-V890I-1 QIAKVMEEV	110	>APC-V890I-1 QIAKIMEEV	66	44

>APC-V890I-I QIAKVMEEV	7	>APC-V890I-I QIAKIMEEV	6	1
>APC-V890I-I QIAKVMEEVS	215	>APC-V890I-I QIAKIMEEVS	156	59
>APC-V890I-I QIAKVMEEV	46	>APC-V890I-I QIAKIMEEV	31	15
>APC-V890I-I AQIAKVMEEV	266	>APC-V890I-I AQIAKIMEEV	224	42
>APC-V890I-I AQIAKVMEEV	75	>APC-V890I-I AQIAKIMEEV	69	6
>APC-V890I-I AQIAKVMEEV	191	>APC-V890I-I AQIAKIMEEV	175	16
>APC-V890I-I AQIAKVMEEV	58	>APC-V890I-I AQIAKIMEEV	69	11
>APC-V890I-I AQIAKVMEEV	268	>APC-V890I-I AQIAKIMEEV	232	36
>APC-V890I-I AQIAKVMEEV	294	>APC-V890I-I AQIAKIMEEV	389	95
>APC-V890I-I AQIAKVMEEV	449	>APC-V890I-I AQIAKIMEEV	292	157
>APC-V890I-I AQIAKVMEEV	163	>APC-V890I-I AQIAKIMEEV	188	25
>APC-V890I-I AAQIAKVM	253	>APC-V890I-I AAQIAKIM	512	259
>APC-V890I-I TAAQIAKV	395	>APC-V890I-I TAAQIAKI	16049	15654
>APC-V890I-I TAAQIAKV	13	>APC-V890I-I TAAQIAKI	37	24
>APC-V890I-I TAAQIAKV	63	>APC-V890I-I TAAQIAKI	551	488
>APC-V890I-I TAAQIAKVM	193	>APC-V890I-I TAAQIAKIM	300	107
>APC-V890I-I TAAQIAKVM	162	>APC-V890I-I TAAQIAKIM	181	19
>APC-V890I-I TAAQIAKV	6004	>APC-V890I-I TAAQIAKI	97	5907
>APC-V890I-I TTAAQIAKV	51	>APC-V890I-I TTAAQIAKI	271	220
>APC-V890I-I TTAAQIAKV	24	>APC-V890I-I TTAAQIAKI	215	191
>APC-V890I-I TTAAQIAKV	211	>APC-V890I-I TTAAQIAKI	2014	1803
>APC-V890I-I TTAAQIAKV	219	>APC-V890I-I TTAAQIAKI	2880	2661
>APC-V890I-I TTAAQIAKV	60	>APC-V890I-I TTAAQIAKI	9949	9889
>APC-V890I-I TTAAQIAKV	820	>APC-V890I-I TTAAQIAKI	477	343
>APC-V890I-I TTAAQIAKVM	45	>APC-V890I-I TTAAQIAKIM	64	19
>APC-V890I-I TTAAQIAKV	4	>APC-V890I-I TTAAQIAKI	6	2
>APC-V890I-I TTAAQIAKV	11	>APC-V890I-I TTAAQIAKI	71	60
>APC-V890I-I TTAAQIAKV	369	>APC-V890I-I TTAAQIAKI	56	313
>APC-V890I-I TTAAQIAKVM	20	>APC-V890I-I TTAAQIAKIM	36	16
>APC-V890I-I TTAAQIAKV	262	>APC-V890I-I TTAAQIAKI	118	144
>APC-V890I-I TTAAQIAKVM	146	>APC-V890I-I TTAAQIAKIM	86	60
>APC-V890I-I TTAAQIAKVM	30	>APC-V890I-I TTAAQIAKIM	27	3
>APC-V890I-I TTAAQIAKV	4236	>APC-V890I-I TTAAQIAKI	49	4187
>APC-V890I-I STTAAQIAKV	128	>APC-V890I-I STTAAQIAKI	525	397
>APC-V890I-I STTAAQIAKV	212	>APC-V890I-I STTAAQIAKI	2733	2521
>APC-V890I-I STTAAQIAKV	98	>APC-V890I-I STTAAQIAKI	3486	3388
>APC-V890I-I STTAAQIAKV	46	>APC-V890I-I STTAAQIAKI	6091	6045
>APC-V890I-I STTAAQIAKV	266	>APC-V890I-I STTAAQIAKIM	412	146
>APC-V890I-I STTAAQIAKV	22	>APC-V890I-I STTAAQIAKI	41	19
>APC-V890I-I STTAAQIAKV	50	>APC-V890I-I STTAAQIAKI	505	455
>APC-V890I-I STTAAQIAKV	536	>APC-V890I-I STTAAQIAKI	114	422
>APC-V890I-I STTAAQIAKV	39	>APC-V890I-I STTAAQIAKIM	70	31
>APC-V890I-I STTAAQIAKV	111	>APC-V890I-I STTAAQIAKI	59	52

>APC-V890I-I STTAAQIAKV	55	>APC-V890I-I STTAAQIAKIM	36	19
>APC-V890I-I STTAAQIAKV	81	>APC-V890I-I STTAAQIAKI	94	13
>APC-V890I-I STTAAQIAKV	20	>APC-V890I-I STTAAQIAKIM	20	0
>APC-V890I-I STTAAQIAKV	2050	>APC-V890I-I STTAAQIAKI	72	1978
>APC-W593L LWNLSAHC	34472	>APC-W593L LLNLSAHC	68	34404
>APC-W593L LWNLSAHCT	35620	>APC-W593L LLNLSAHCT	128	35492
>APC-W593L STLKSVLSALV	21387	>APC-W593L STLKSVLSALL	381	21006
>APC-W593L STLKSVLSALV	5788	>APC-W593L STLKSVLSALL	222	5566
>APC-W593L STLKSVLSALV	443	>APC-W593L STLKSVLSALL	712	269
>APC-W593L STLKSVLSALV	12809	>APC-W593L STLKSVLSALL	75	12734
>APC-W593L STLKSVLSALV	4	>APC-W593L STLKSVLSALL	8	4
>APC-W593L STLKSVLSALV	45	>APC-W593L STLKSVLSALL	6837	6792
>APC-W593L STLKSVLSALV	13	>APC-W593L STLKSVLSALL	2482	2469
>APC-W593L STLKSVLSALV	838	>APC-W593L STLKSVLSALL	67	771
>APC-W593L STLKSVLSALV	34	>APC-W593L STLKSVLSALL	21	13
>APC-W593L STLKSVLSALV	344	>APC-W593L STLKSVLSALL	19500	19156
>APC-W593L STLKSVLSALV	29798	>APC-W593L STLKSVLSALL	160	29638
>APC-W593L ALWNLSAHC	12	>APC-W593L ALLNLSAHC	25	13
>APC-W593L ALWNLSAHC	59	>APC-W593L ALLNLSAHCT	176	117
>APC-W593L ALWNLSAHC	33	>APC-W593L ALLNLSAHC	33	0
>APC-W593L ALWNLSAHC	199	>APC-W593L ALLNLSAHCT	211	12
>APC-W593L ALWNLSAHC	35	>APC-W593L ALLNLSAHC	82	47
>APC-W593L ALWNLSAHC	33	>APC-W593L ALLNLSAHCT	78	45
>APC-W593L ALWNLSAHC	353	>APC-W593L ALLNLSAHC	539	186
>APC-W593L ALWNLSAHC	165	>APC-W593L ALLNLSAHCT	283	118
>APC-W593L ALWNLSAHC	15	>APC-W593L ALLNLSAHC	27	12
>APC-W593L ALWNLSAHC	26	>APC-W593L ALLNLSAHCT	50	24
>APC-W593L SALWNLSA	786	>APC-W593L SALLNLSA	412	374
>APC-W593L SALWNLSA	240	>APC-W593L SALLNLSA	987	747
>APC-W593L SALWNLSA	208	>APC-W593L SALLNLSA	2880	2672
>APC-W593L SALWNLSAH	381	>APC-W593L SALLNLSAH	1732	1351
>APC-W593L VLSALWNL	26	>APC-W593L VLSALLNL	39	13
>APC-W593L VLSALWNLSA	159	>APC-W593L VLSALLNLSA	145	14
>APC-W593L VLSALWNL	4	>APC-W593L VLSALLNL	6	2
>APC-W593L VLSALWNLS	147	>APC-W593L VLSALLNLS	35	112
>APC-W593L VLSALWNLSA	75	>APC-W593L VLSALLNLSA	42	33
>APC-W593L VLSALWNL	23	>APC-W593L VLSALLNL	16	7
>APC-W593L VLSALWNLS	2435	>APC-W593L VLSALLNLS	287	2148
>APC-W593L VLSALWNLSA	102	>APC-W593L VLSALLNLSA	65	37
>APC-W593L VLSALWNL	45	>APC-W593L VLSALLNL	177	132
>APC-W593L VLSALWNLSA	571	>APC-W593L VLSALLNLSA	368	203
>APC-W593L VLSALWNL	10	>APC-W593L VLSALLNL	28	18
>APC-W593L VLSALWNLSA	84	>APC-W593L VLSALLNLSA	159	75

>APC-W593L VLSALWNL	34	>APC-W593L VLSALLNL	68	34
>APC-W593L VLSALWNL	13	>APC-W593L VLSALLNL	30	17
>APC-W593L VLSALWNLSA	115	>APC-W593L VLSALLNLSA	188	73
>APC-W593L VLSALWNL	20	>APC-W593L VLSALLNL	33	13
>APC-W593L VLSALWNL	4	>APC-W593L VLSALLNL	4	0
>APC-W593L VLSALWNLSA	15	>APC-W593L VLSALLNLSA	15	0
>APC-W593L SVLSALWNL	2653	>APC-W593L SVLSALLNL	367	2286
>APC-W593L SVLSALWNL	19	>APC-W593L SVLSALLNL	103	84
>APC-W593L SVLSALWNLS	142	>APC-W593L SVLSALLNLSA	498	356
>APC-W593L SVLSALWNL	37	>APC-W593L SVLSALLNL	484	447
>APC-W593L SVLSALWNL	5	>APC-W593L SVLSALLNL	32	27
>APC-W593L SVLSALWNLS	33	>APC-W593L SVLSALLNLSA	74	41
>APC-W593L SVLSALWNL	20	>APC-W593L SVLSALLNL	497	477
>APC-W593L SVLSALWNLS	293	>APC-W593L SVLSALLNLSA	1762	1469
>APC-W593L SVLSALWNL	32	>APC-W593L SVLSALLNL	1848	1816
>APC-W593L SVLSALWNL	11	>APC-W593L SVLSALLNL	97	86
>APC-W593L SVLSALWNLS	195	>APC-W593L SVLSALLNLSA	862	667
>APC-W593L SVLSALWNL	24	>APC-W593L SVLSALLNL	2116	2092
>APC-W593L SVLSALWNL	13	>APC-W593L SVLSALLNL	320	307
>APC-W593L SVLSALWNLS	359	>APC-W593L SVLSALLNLSA	2379	2020
>APC-W593L SVLSALWNL	275	>APC-W593L SVLSALLNL	2878	2603
>APC-W593L SVLSALWNL	68	>APC-W593L SVLSALLNL	175	107
>APC-W593L SVLSALWNL	2294	>APC-W593L SVLSALLNL	486	1808
>APC-W593L SVLSALWNLS	290	>APC-W593L SVLSALLNLSA	142	148
>APC-W593L SVLSALWNL	321	>APC-W593L SVLSALLNL	4079	3758
>APC-W593L SVLSALWNL	7	>APC-W593L SVLSALLNL	35	28
>APC-W593L SVLSALWNLS	44	>APC-W593L SVLSALLNLSA	210	166
>APC-W593L KSVLSALWNL	262	>APC-W593L KSVLSALLNL	588	326
>APC-W593L KSVLSALW	3	>APC-W593L KSVLSALL	3	0
>APC-W593L KSVLSALWN	53	>APC-W593L KSVLSALLN	242	189
>APC-W593L KSVLSALWNL	4	>APC-W593L KSVLSALLNL	3	1
>APC-W593L KSVLSALW	34	>APC-W593L KSVLSALL	1138	1104
>APC-W593L KSVLSALW	8	>APC-W593L KSVLSALL	38	30
>APC-W593L KSVLSALWNL	41	>APC-W593L KSVLSALLNL	48	7
>APC-W593L KSVLSALW	7967	>APC-W593L KSVLSALL	45	7922
>APC-W593L KSVLSALWNL	174	>APC-W593L KSVLSALLNL	262	88
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>APC-W593L KSVLSALWNL	374	>APC-W593L KSVLSALLNL	226	148
>APC-W593L KSVLSALW	428	>APC-W593L KSVLSALL	25803	25375
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>APC-W593L LKSVLSALWN	119	>APC-W593L LKSVLSALLNL	74	45
>APC-W593L LKSVLSALW	133	>APC-W593L LKSVLSALL	19464	19331
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>APC-W593L TLKSVLSALW	11035	>APC-W593L TLKSVLSALL	26	11009
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>APC-W593L TLKSVLSALW	19011	>APC-W593L TLKSVLSALL	33	18978
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>APC-Y1027C GELDTPINYSI	256	>APC-Y1027C GELDTPINCSI	487	231
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>APC-Y1102F SPYRSRGA	127	>APC-Y1102F SPHRSRGA	146	19
>APC-Y1102F VSPYRSRGA	175	>APC-Y1102F VSPHRSRGA	198	23
>APC-Y1102F VSPYRSRGA	451	>APC-Y1102F VSPHRSRGA	590	139
>APC-Y1102F CVSPYRSR	143	>APC-Y1102F CVSPHRSR	174	31
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>APC-Y1102F QQECVSPYR	203	>APC-Y1102F QQECVSPHR	848	645
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>APC-Y1102F GQQECVSPY	29	>APC-Y1102F GQQECVSPH	237	208
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>APC-Y1102F FGQQECVSPY	425	>APC-Y1102F FGQQECVSPH	1219	794
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>APC-Y1102F FGQQECVSPY	331	>APC-Y1102F FGQQECVSPH	10686	10355
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>ARID1A-A14 QQLPPAQPQ	3687	>ARID1A-A14 QQLPPAQPQ	88	3599
>ARID1A-A14 QQLPPAQPQ	5649	>ARID1A-A14 QQLPPAQPQ	274	5375
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>ARID1A-A14 QPASQQQAA	465	>ARID1A-A14 QPVSQQQAA	3072	2607
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>ARID1A-A14 QPASQQQAA	294	>ARID1A-A14 QPVSQQQAA	528	234
>ARID1A-A14 PPAQPQPA	872	>ARID1A-A14 PPAQPQPV	388	484
>ARID1A-A14 LPPAQPQPA	2976	>ARID1A-A14 LPPAQPQPV	170	2806
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>ARID1A-A14 QLPPAQPQP,	613	>ARID1A-A14 QLPPAQPQP'	11	602

>ARID1A-A14QLPPAQQP,	3699	>ARID1A-A14QLPPAQQP'	112	3587
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>ARID1A-G4:QGHGYPGQF	577	>ARID1A-G4:QEHGYPGQP	471	106
>ARID1A-G4:QGHGYPGQF	175	>ARID1A-G4:QEHGYPGQP	188	13
>ARID1A-G4:QGHGYPGQF	1722	>ARID1A-G4:QEHGYPGQP	344	1378
>ARID1A-G4:QGHGYPGQF	20996	>ARID1A-G4:QEHGYPGQP	159	20837
>ARID1A-G4:QGHGYPGQF	25298	>ARID1A-G4:QEHGYPGQP	139	25159
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>ARID1A-G4:QGHGYPGQF	39985	>ARID1A-G4:QEHGYPGQP	416	39569
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>ARID1A-G4:QQGHGYPGC	59	>ARID1A-G4:QQEHGYPGC	50	9
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>ARID1A-G4:GPQQGHGY	480	>ARID1A-G4:GPQQEHGY	798	318
>ARID1A-G4:GPQQGHGY	305	>ARID1A-G4:GPQQEHGY	3572	3267
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>ARID1A-G4:SGPQQGHGY	173	>ARID1A-G4:SGPQQEHGY	139	34
>ARID1A-G4:SGPQQGHGY	462	>ARID1A-G4:SGPQQEHGY	3460	2998
>ARID1A-G4:PPSGPQQGH	483	>ARID1A-G4:PPSGPQQEH	290	193
>ARID1A-K11KIQPPSPA	246	>ARID1A-K11TIQPPSPA	7666	7420
>ARID1A-K11KIQPPSPA	12459	>ARID1A-K11TIQPPSPA	432	12027
>ARID1A-K11AAADSKKSQF	159	>ARID1A-K11AAADSKKSQF	26636	26477
>ARID1A-K11AAADSKKSQF	149	>ARID1A-K11AAADSKKSQF	12439	12290
>ARID1A-K11QPKIQPPSPA	555	>ARID1A-K11QPTIQPPSPA	483	72
>ARID1A-K11SQPKIQPPSP,	375	>ARID1A-K11SQPTIQPPSP,	294	81
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>ARID1A-K11KKSQPKIQPP	1101	>ARID1A-K11KKSQPTIQPP	377	724
>ARID1A-K11SKKSQPKI	160	>ARID1A-K11SKKSQPTI	51	109
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>ARID1A-L20LHWAVCPSA	264	>ARID1A-L20PHWAVCPSA	12260	11996
>ARID1A-L20LLHWAVCPSA	151	>ARID1A-L20LPHWAVCPSA	24726	24575
>ARID1A-L20LLHWAVCPSA	254	>ARID1A-L20LPHWAVCPSA	25527	25273
>ARID1A-L20LLHWAVCPS	229	>ARID1A-L20LPHWAVCPS	21732	21503
>ARID1A-L20LLHWAVCPSA	114	>ARID1A-L20LPHWAVCPSA	20750	20636
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>ARID1A-L20LLHWAVCPS	48	>ARID1A-L20LPHWAVCPS	22528	22480
>ARID1A-L20LLHWAVCPSA	8	>ARID1A-L20LPHWAVCPSA	15296	15288

>ARID1A-L20 LLHWAVCPS/	26	>ARID1A-L20 LPHWAVCPS,	22865	22839
>ARID1A-L20 LLHWAVCPS/	314	>ARID1A-L20 LPHWAVCPS,	22863	22549
>ARID1A-L20 LLHWAVCPS	49	>ARID1A-L20 LPHWAVCPS	34813	34764
>ARID1A-L20 LLHWAVCPS/	4	>ARID1A-L20 LPHWAVCPS,	21957	21953
>ARID1A-L20 LLHWAVCPS	11775	>ARID1A-L20 LPHWAVCPS	63	11712
>ARID1A-L20 LLHWAVCPS/	15203	>ARID1A-L20 LPHWAVCPS,	146	15057
>ARID1A-L20 LLHWAVCP	27737	>ARID1A-L20 LPHWAVCP	353	27384
>ARID1A-L20 LLHWAVCPS	14323	>ARID1A-L20 LPHWAVCPS	20	14303
>ARID1A-L20 LLHWAVCPS/	29710	>ARID1A-L20 LPHWAVCPS,	186	29524
>ARID1A-L20 LLHWAVCPS/	26722	>ARID1A-L20 LPHWAVCPS,	80	26642
>ARID1A-L20 GLLHWAVCP	33	>ARID1A-L20 GLPHWAVCP	272	239
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>ARID1A-L20 GLLHWAVC	36	>ARID1A-L20 GLPHWAVC	273	237
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>ARID1A-L20 VLDGLLHWA	61	>ARID1A-L20 VLDGLPHWA	99	38
>ARID1A-L20 VLDGLLHWA	5	>ARID1A-L20 VLDGLPHWA	5	0
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>ARID1A-L20 VLDGLLHWA	29	>ARID1A-L20 VLDGLPHWA	21	8
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>ARID1A-L20 VLDGLLHWA	10	>ARID1A-L20 VLDGLPHWA	11	1

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>ARID1A-L20 VLDGLLHWA	16	>ARID1A-L20 VLDGLPHWA	26	10
>ARID1A-L20 VLDGLLHWA`	2	>ARID1A-L20 VLDGLPHWA	3	1
>ARID1A-L20 VLDGLLHWA`	427	>ARID1A-L20 VLDGLPHWA	452	25
>ARID1A-L20 VLDGLLHWA	2	>ARID1A-L20 VLDGLPHWA	4	2
>ARID1A-L20 VLDGLLHWA`	2	>ARID1A-L20 VLDGLPHWA	2	0
>ARID1A-L20 VLDGLLHWA`	34	>ARID1A-L20 VLDGLPHWA	32	2
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>ARID1A-L20 PVLDGLLHW,	48	>ARID1A-L20 PVLDGLPHW	48	0
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>ARID1A-L20 LPVLDGLL	269	>ARID1A-L20 LPVLDGLP	25371	25102
>ARID1A-L20 LPVLDGLL	267	>ARID1A-L20 LPVLDGLP	6993	6726
>ARID1A-L20 LPVLDGLLH	265	>ARID1A-L20 LPVLDGLPH	34	231
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>ARID1A-L20 LPVLDGLLHM	10	>ARID1A-L20 LPVLDGLPHV	12	2
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>ARID1A-N2(NISGQLDLSP`	1034	>ARID1A-N2(DISGQLDLSP`	190	844
>ARID1A-N2(NISGQLDLSP`	485	>ARID1A-N2(DISGQLDLSP`	88	397
>ARID1A-N2(NISGQLDLSP`	37	>ARID1A-N2(DISGQLDLSP`	9	28
>ARID1A-N2(NISGQLDLSP`	159	>ARID1A-N2(DISGQLDLSP`	349	190
>ARID1A-N2(NISGQLDLSP`	421	>ARID1A-N2(DISGQLDLSP`	614	193
>ARID1A-N2(NISGQLDLSP`	434	>ARID1A-N2(DISGQLDLSP`	3664	3230
>ARID1A-N2(NISGQLDLSP`	431	>ARID1A-N2(DISGQLDLSP`	1523	1092
>ARID1A-N2(NISGQLDLSP`	222	>ARID1A-N2(DISGQLDLSP`	260	38
>ARID1A-N2(ANISGQLDL	170	>ARID1A-N2(ADISGQLDL	600	430
>ARID1A-N2(LANISGQL	46	>ARID1A-N2(LADISGQL	91	45
>ARID1A-N2(LANISGQLDL	124	>ARID1A-N2(LADISGQLDL	227	103
>ARID1A-N2(TLANISGQL	683	>ARID1A-N2(TLADISGQL	123	560
>ARID1A-N2(TLANISGQLD	570	>ARID1A-N2(TLADISGQLD	163	407
>ARID1A-N2(TLANISGQ	465	>ARID1A-N2(TLADISGQ	99	366
>ARID1A-N2(TLANISGQL	8	>ARID1A-N2(TLADISGQL	4	4
>ARID1A-N2(TLANISGQLD	36	>ARID1A-N2(TLADISGQLD	15	21
>ARID1A-N2(TLANISGQL	17	>ARID1A-N2(TLADISGQL	8	9

>ARID1A-N2(TLANISGQLD	73	>ARID1A-N2(TLADISGQLD	33	40
>ARID1A-N2(TLANISGQL	93	>ARID1A-N2(TLADISGQL	34	59
>ARID1A-N2(TLANISGQLD	626	>ARID1A-N2(TLADISGQLD	247	379
>ARID1A-N2(TLANISGQL	893	>ARID1A-N2(TLADISGQL	288	605
>ARID1A-N2(TLANISGQL	89	>ARID1A-N2(TLADISGQL	50	39
>ARID1A-N2(TLANISGQLD	84	>ARID1A-N2(TLADISGQLD	52	32
>ARID1A-N2(TLANISGQL	71	>ARID1A-N2(TLADISGQL	17	54
>ARID1A-N2(TLANISGQLD	363	>ARID1A-N2(TLADISGQLD	87	276
>ARID1A-N2(TLANISGQ	218	>ARID1A-N2(TLADISGQ	40	178
>ARID1A-N2(TLANISGQL	16	>ARID1A-N2(TLADISGQL	5	11
>ARID1A-N2(TLANISGQLD	15	>ARID1A-N2(TLADISGQLD	5	10
>ARID1A-N2(TLANISGQL	102	>ARID1A-N2(TLADISGQL	31	71
>ARID1A-N2(TLANISGQL	874	>ARID1A-N2(TLADISGQL	169	705
>ARID1A-N2(VTLANISGQL	127	>ARID1A-N2(VTLADISGQL	184	57
>ARID1A-N2(VTLANISGQL	359	>ARID1A-N2(VTLADISGQL	423	64
>ARID1A-N2(VTLANISGQL	7	>ARID1A-N2(VTLADISGQL	9	2
>ARID1A-N2(VTLANISGQL	79	>ARID1A-N2(VTLADISGQL	143	64
>ARID1A-N2(TLVTLANI	462	>ARID1A-N2(TLVTLADI	1693	1231
>ARID1A-N2(TLVTLANI	68	>ARID1A-N2(TLVTLADI	307	239
>ARID1A-N2(TLVTLANI	30	>ARID1A-N2(TLVTLADI	87	57
>ARID1A-N2(TLVTLANI	434	>ARID1A-N2(TLVTLADI	811	377
>ARID1A-N2(TLVTLANI	232	>ARID1A-N2(TLVTLADI	841	609
>ARID1A-N2(TLVTLANI	179	>ARID1A-N2(TLVTLADI	501	322
>ARID1A-N2(TLVTLANI	104	>ARID1A-N2(TLVTLADI	220	116
>ARID1A-N2(NTLVTLANI	278	>ARID1A-N2(NTLVTLADI	1737	1459
>ARID1A-N2(NTLVTLANI	12	>ARID1A-N2(NTLVTLADI	79	67
>ARID1A-N2(NTLVTLANI	245	>ARID1A-N2(NTLVTLADI	1109	864
>ARID1A-N2(NTLVTLANI	71	>ARID1A-N2(NTLVTLADI	168	97
>ARID1A-N2(RENTLVTLAN	17	>ARID1A-N2(RENTLVTLAD	16	1
>ARID1A-N2(RENTLVTLAN	76	>ARID1A-N2(RENTLVTLAD	97	21
>ARID1A-N2(RENTLVTLAN	173	>ARID1A-N2(RENTLVTLAD	293	120
>ARID1A-N2(RENTLVTLAN	4	>ARID1A-N2(RENTLVTLAD	4	0
>ARID1A-P1€PPPPPPSEL	434	>ARID1A-P1€SPPPPPPSEL	85	349
>ARID1A-P1€PPPPPPSEL	3103	>ARID1A-P1€SPPPPPPSEL	100	3003
>ARID1A-P1€PPPPPPSEL	4903	>ARID1A-P1€SPPPPPPSEL	401	4502
>ARID1A-P1€NPPPPPPSEL	3817	>ARID1A-P1€NSPPPPPPSEL	40	3777
>ARID1A-P1€SLGNPPPPPP	196	>ARID1A-P1€SLGNSPPPPPP	402	206
>ARID1A-R1C RKMWVDRI	316	>ARID1A-R1C RKMWVDRI	168	148
>ARID1A-R1C RKMWVDRI	171	>ARID1A-R1C RKMWVDRI	174	3
>ARID1A-R1C RKMWVDRI	52	>ARID1A-R1C RKMWVDRI	86	34
>ARID1A-R1C RKMWVDRI	255	>ARID1A-R1C RKMWVDRI	521	266
>ARID1A-R1C RKMWVDRI	4	>ARID1A-R1C RKMWVDRI	5	1
>ARID1A-R1C RKMWVDRI	307	>ARID1A-R1C RKMWVDRI	1601	1294

>ARID1A-R1C RKMWVDRYL	262	>ARID1A-R1C KKMWVDRYL	1503	1241
>ARID1A-R1C RKMWVDRYL	488	>ARID1A-R1C KKMWVDRYL	2276	1788
>ARID1A-R1C RKMWVDRYL	263	>ARID1A-R1C KKMWVDRYL	735	472
>ARID1A-R1C RKMWVDRYL	415	>ARID1A-R1C KKMWVDRYL	999	584
>ARID1A-R1C RKMWVDRYL	314	>ARID1A-R1C KKMWVDRYL	1833	1519
>ARID1A-R1C RKMWVDRYL	242	>ARID1A-R1C KKMWVDRYL	1161	919
>ARID1A-R1C ERKMWVDR\	895	>ARID1A-R1C EKKMWVDR\	376	519
>ARID1A-R1C ERKMWVDR\	65	>ARID1A-R1C EKKMWVDR\	7036	6971
>ARID1A-R1C ERKMWVDR\	232	>ARID1A-R1C EKKMWVDR\	8563	8331
>ARID1A-R1C KLYELGGPEI	415	>ARID1A-R1C KLYELGGPEI	162	253
>ARID1A-R1C KLYELGGPEI	1371	>ARID1A-R1C KLYELGGPEI	340	1031
>ARID1A-R1C KLYELGGPEI	91	>ARID1A-R1C KLYELGGPEI	30	61
>ARID1A-R1C KLYELGGPEI	1874	>ARID1A-R1C KLYELGGPEI	80	1794
>ARID1A-R1C KLYELGGPEI	6950	>ARID1A-R1C KLYELGGPEI	139	6811
>ARID1A-R1C KLYELGGPEI	38	>ARID1A-R1C KLYELGGPEI	529	491
>ARID1A-R1C KLYELGGPEI	115	>ARID1A-R1C KLYELGGPEI	3748	3633
>ARID1A-R1C EPERKMWVC	136	>ARID1A-R1C EPEKKMWVC	114	22
>ARID1A-R1C EPERKMWVC	350	>ARID1A-R1C EPEKKMWVC	184	166
>ARID1A-R1C EPERKMWVC	226	>ARID1A-R1C EPEKKMWVC	265	39
>ARID1A-R1C GEPERKMW\	82	>ARID1A-R1C GEPEKKMW\	227	145
>ARID1A-R1C GEPERKMW	271	>ARID1A-R1C GEPEKKMW	345	74
>ARID1A-R1C GEPERKMW	535	>ARID1A-R1C GEPEKKMW	472	63
>ARID1A-R1C GEPERKMW\	411	>ARID1A-R1C GEPEKKMW\	1176	765
>ARID1A-R1C ELGGEPER	322	>ARID1A-R1C ELGGEPEK	1339	1017
>ARID1A-R1C YELGGEPERK	124	>ARID1A-R1C YELGGEPEKK	152	28
>ARID1A-R1C YELGGEPERK	106	>ARID1A-R1C YELGGEPEKK	142	36
>ARID1A-R1C YELGGEPERK	404	>ARID1A-R1C YELGGEPEKK	502	98
>ARID1A-R1C YELGGEPERK	126	>ARID1A-R1C YELGGEPEKK	95	31
>ARID1A-S19SNTIRSLSF	484	>ARID1A-S19PNTIRSLSF	3703	3219
>ARID1A-S19VSNTIRSL	31866	>ARID1A-S19VPNTIRSL	383	31483
>ARID1A-S19VSNTIRSLSF	26999	>ARID1A-S19VPNTIRSLSF	80	26919
>ARID1A-S19VSNTIRSLSFV	23003	>ARID1A-S19VPNTIRSLSFV	57	22946
>ARID1A-S19VSNTIRSLSFV	466	>ARID1A-S19VPNTIRSLSFV	7527	7061
>ARID1A-S19VSNTIRSLSF	378	>ARID1A-S19VPNTIRSLSF	13336	12958
>ARID1A-S19VSNTIRSLSFV	113	>ARID1A-S19VPNTIRSLSFV	3496	3383
>ARID1A-S19VSNTIRSL	15226	>ARID1A-S19VPNTIRSL	24	15202
>ARID1A-S19VSNTIRSLSF	24122	>ARID1A-S19VPNTIRSLSF	244	23878
>ARID1A-S19VSNTIRSLSFV	26219	>ARID1A-S19VPNTIRSLSFV	377	25842
>ARID1A-S19VSNTIRSLSF	209	>ARID1A-S19VPNTIRSLSF	9016	8807
>ARID1A-S19VSNTIRSLSF	29	>ARID1A-S19VPNTIRSLSF	278	249
>ARID1A-S19VSNTIRSL	181	>ARID1A-S19VPNTIRSL	22323	22142
>ARID1A-S19VSNTIRSLSF	10	>ARID1A-S19VPNTIRSLSF	7316	7306
>ARID1A-S19VSNTIRSLSF	18482	>ARID1A-S19VPNTIRSLSF	488	17994

>ARID1A-S19 VSNTIRSLSF	40	>ARID1A-S19 VPNTIRSLSF	17312	17272
>ARID1A-S19 VSNTIRSL	254	>ARID1A-S19 VPNTIRSL	5747	5493
>ARID1A-S19 VSNTIRSLSF	66	>ARID1A-S19 VPNTIRSLSF	9001	8935
>ARID1A-S19 VSNTIRSLSFV	45	>ARID1A-S19 VPNTIRSLSFV	1635	1590
>ARID1A-S19 VSNTIRSLSF	11564	>ARID1A-S19 VPNTIRSLSF	263	11301
>ARID1A-S19 VSNTIRSLSF	16221	>ARID1A-S19 VPNTIRSLSF	146	16075
>ARID1A-S19 CVSNTIRSLSF	563	>ARID1A-S19 CVPNTIRSLSF	83	480
>ARID1A-S19 CVSNTIRSLSF	221	>ARID1A-S19 CVPNTIRSLSF	1463	1242
>ARID1A-S19 CVSNTIRSLSF	237	>ARID1A-S19 CVPNTIRSLSF	1264	1027
>ARID1A-S19 CVSNTIRSL	10679	>ARID1A-S19 CVPNTIRSL	78	10601
>ARID1A-S19 CVSNTIRSLSF	14571	>ARID1A-S19 CVPNTIRSLSF	317	14254
>ARID1A-S19 VCVSNTIR	486	>ARID1A-S19 VCVPNTIR	447	39
>ARID1A-S19 CVCVSNTIR	289	>ARID1A-S19 CVCVPNTIR	297	8
>ARID1A-S19 CVCVSNTIR	68	>ARID1A-S19 CVCVPNTIR	154	86
>ARID1A-S19 CVCVSNTI	73	>ARID1A-S19 CVCVPNTI	65	8
>ARID1A-S19 CVCVSNTIRSI	660	>ARID1A-S19 CVCVPNTIRSI	483	177
>ARID1A-S19 RCVCVSNTIR	312	>ARID1A-S19 RCVCVPNTIR	1364	1052
>ARID1A-S19 RCVCVSNTI	35	>ARID1A-S19 RCVCVPNTI	37	2
>ARID1A-S19 RCVCVSNTI	208	>ARID1A-S19 RCVCVPNTI	474	266
>ARID1A-S19 RCVCVSNTIR	115	>ARID1A-S19 RCVCVPNTIR	109	6
>ARID1A-S19 RCVCVSNTI	438	>ARID1A-S19 RCVCVPNTI	563	125
>ARID1A-S19 KRCVCVSNTI	398	>ARID1A-S19 KRCVCVPNTI	586	188
>ARID1A-S19 KRCVCVSNTI	122	>ARID1A-S19 KRCVCVPNTI	36	86
>ARID1A-S19 KRCVCVSNTI	163	>ARID1A-S19 KRCVCVPNTI	103	60
>ARID1A-S19 KRCVCVSNTI	282	>ARID1A-S19 KRCVCVPNTI	135	147
>ARID1A-S19 KRCVCVSNTII	123	>ARID1A-S19 KRCVCVPNTII	120	3
>ARID1A-S19 AKRCVCVS	487	>ARID1A-S19 AKRCVCVP	466	21
>ARID1A-S19 AKRCVCVSN	441	>ARID1A-S19 AKRCVCVSN	502	61
>ARID1A-S19 AKRCVCVSN	258	>ARID1A-S19 AKRCVCVSN	521	263
>ARID1A-S19 AKRCVCVSN	17	>ARID1A-S19 AKRCVCVSN	18	1
>ARID1A-Y13 YSVPYSTG	325	>ARID1A-Y13 HSPYYSTG	816	491
>ARID1A-Y13 YSVPYSTGQ	63	>ARID1A-Y13 HSPYYSTGQ	144	81
>ARID1A-Y13 YSVPYSTGQC	337	>ARID1A-Y13 HSPYYSTGQC	866	529
>ARID1A-Y13 YSVPYSTGQC	125	>ARID1A-Y13 HSPYYSTGQC	291	166
>ARID1A-Y13 MYSVPYST	402	>ARID1A-Y13 MHSPYST	12364	11962
>ARID1A-Y13 EMYSVPYS	32	>ARID1A-Y13 EMHSPYS	373	341
>ARID1A-Y13 EMYSVPYST	10	>ARID1A-Y13 EMHSPYST	81	71
>ARID1A-Y13 EMYSVPYSTC	387	>ARID1A-Y13 EMHSPYSTC	3182	2795
>ARID1A-Y13 EMYSVPYSTC	240	>ARID1A-Y13 EMHSPYSTC	2512	2272
>ARID1A-Y13 EMYSVPYST	288	>ARID1A-Y13 EMHSPYST	4563	4275
>ARID1A-Y13 EMYSVPYSTC	398	>ARID1A-Y13 EMHSPYSTC	2224	1826
>ARID1A-Y13 EMYSVPYST	409	>ARID1A-Y13 EMHSPYST	5776	5367
>ARID1A-Y13 GEMYSVPY	79	>ARID1A-Y13 GEMHSPY	79	0

>ARID1A-Y13 GEMYSVPY	45	>ARID1A-Y13 GEMHSVPY	53	8
>ARID1A-Y13 GEMYSVPY	151	>ARID1A-Y13 GEMHSVPY	331	180
>ARID1A-Y13 GEMYSVPYS	313	>ARID1A-Y13 GEMHSVPYS	285	28
>ARID1A-Y13 GEMYSVPYST	120	>ARID1A-Y13 GEMHSVPYS	250	130
>ARID1A-Y13 GEMYSVPY	125	>ARID1A-Y13 GEMHSVPY	122	3
>ARID1A-Y13 GEMYSVPY	54	>ARID1A-Y13 GEMHSVPY	48	6
>ARID1A-Y13 GEMYSVPYS	410	>ARID1A-Y13 GEMHSVPYS	327	83
>ARID1A-Y13 GEMYSVPY	190	>ARID1A-Y13 GEMHSVPY	465	275
>ARID1A-Y13 GEMYSVPYS	55	>ARID1A-Y13 GEMHSVPYS	119	64
>ARID1A-Y13 GEMYSVPYST	335	>ARID1A-Y13 GEMHSVPYS	990	655
>ARID1A-Y13 GEMYSVPYST	401	>ARID1A-Y13 GEMHSVPYS	739	338
>ARID1A-Y13 GEMYSVPY	363	>ARID1A-Y13 GEMHSVPY	3000	2637
>ARID1A-Y13 GEMYSVPYS	33	>ARID1A-Y13 GEMHSVPYS	52	19
>ARID1A-Y13 GEMYSVPYST	74	>ARID1A-Y13 GEMHSVPYS	258	184
>ARID1A-Y13 GEMYSVPYST	174	>ARID1A-Y13 GEMHSVPYS	205	31
>ARID1A-Y13 EGEMYSVPY	34	>ARID1A-Y13 EGEMHSVPY	38	4
>ARID1A-Y13 HEGEMYSV	209	>ARID1A-Y13 HEGEMHSV	94	115
>ARID1A-Y13 HEGEMYSVP	191	>ARID1A-Y13 HEGEMHSVP	141	50
>ARID1A-Y13 HEGEMYSV	273	>ARID1A-Y13 HEGEMHSV	222	51
>ARID1A-Y13 HEGEMYSVP	625	>ARID1A-Y13 HEGEMHSVP	483	142
>ARID1A-Y13 HEGEMYSV	366	>ARID1A-Y13 HEGEMHSV	348	18
>ARID1A-Y13 HEGEMYSV	40	>ARID1A-Y13 HEGEMHSV	61	21
>ARID1A-Y13 HEGEMYSVP	628	>ARID1A-Y13 HEGEMHSVP	480	148
>ARID1A-Y13 HEGEMYSVP	437	>ARID1A-Y13 HEGEMHSVP	371	66
>ARID1A-Y13 HEGEMYSVP	169	>ARID1A-Y13 HEGEMHSVP	352	183
>ARID1A-Y13 HEGEMYSV	79	>ARID1A-Y13 HEGEMHSV	91	12
>ARID1A-Y13 HEGEMYSVP	314	>ARID1A-Y13 HEGEMHSVP	375	61
>ARID1A-Y13 RHEGEMYSV	585	>ARID1A-Y13 RHEGEMHSV	398	187
>ARID1A-Y13 RHEGEMYSV	120	>ARID1A-Y13 RHEGEMHSV	258	138
>ARID1A-Y13 KRHEGEMY	66	>ARID1A-Y13 KRHEGEMH	2174	2108
>ARID1A-Y13 AKRHEGEMY	6	>ARID1A-Y13 AKRHEGEMH	133	127
>ARID1A-Y13 AKRHEGEMY	30	>ARID1A-Y13 AKRHEGEMH	35	5
>ARNT-P607: PPVTIVQPSA	8322	>ARNT-P607: SPVTIVQPSA	335	7987
>ARNT-P607: PPVTIVQPSA	2979	>ARNT-P607: SPVTIVQPSA	362	2617
>ARNT-P607: PPVTIVQPSA	1494	>ARNT-P607: SPVTIVQPSA	30	1464
>ARNT-P607: APPVTIVQPS	447	>ARNT-P607: ASPVTIVQPS	30010	29563
>ARNT-P607: APPVTIVQ	5068	>ARNT-P607: ASPVTIVQ	147	4921
>ARNT-P607: APPVTIVQP	13873	>ARNT-P607: ASPVTIVQP	344	13529
>ARNT-P607: APPVTIVQPS	14563	>ARNT-P607: ASPVTIVQPS	308	14255
>ARNT-P607: APPVTIVQPS	13009	>ARNT-P607: ASPVTIVQPS	446	12563
>ARNT-P607: AENFRNSGLA	1671	>ARNT-P607: AENFRNSGLA	433	1238
>ARNT-P607: AENFRNSGLA	704	>ARNT-P607: AENFRNSGLA	98	606
>ARNT-P607: LAPPVTIV	1957	>ARNT-P607: LASPVTIV	334	1623



>ARNT-P607!LAPPVTIV	538	>ARNT-P607!LASPVTIV	165	373
>ARNT-P607!LAPPVTIV	344	>ARNT-P607!LASPVTIV	309	35
>ARNT-P607!LAPPVTIV	129	>ARNT-P607!LASPVTIV	74	55
>ARNT-P607!LAPPVTIV	159	>ARNT-P607!LASPVTIV	164	5
>ARNT-P607!LAPPVTIV	174	>ARNT-P607!LASPVTIV	18255	18081
>ARNT-P607!LAPPVTIVQ	125	>ARNT-P607!LASPVTIVQ	12484	12359
>ARNT-P607!LAPPVTIVQP	472	>ARNT-P607!LASPVTIVQP	18493	18021
>ARNT-P607!LAPPVTIVQP!	430	>ARNT-P607!LASPVTIVQP!	18679	18249
>ARNT-P607!GLAPPVTI	96	>ARNT-P607!GLASPVTI	91	5
>ARNT-P607!GLAPPVTIV	41	>ARNT-P607!GLASPVTIV	32	9
>ARNT-P607!GLAPPVTI	43	>ARNT-P607!GLASPVTI	32	11
>ARNT-P607!GLAPPVTIV	9	>ARNT-P607!GLASPVTIV	8	1
>ARNT-P607!GLAPPVTI	12	>ARNT-P607!GLASPVTI	11	1
>ARNT-P607!GLAPPVTIV	3	>ARNT-P607!GLASPVTIV	3	0
>ARNT-P607!GLAPPVTI	463	>ARNT-P607!GLASPVTI	1231	768
>ARNT-P607!GLAPPVTIV	51	>ARNT-P607!GLASPVTIV	152	101
>ARNT-P607!GLAPPVTI	6	>ARNT-P607!GLASPVTI	7	1
>ARNT-P607!GLAPPVTIV	4	>ARNT-P607!GLASPVTIV	4	0
>ARNT-P607!GLAPPVTI	14	>ARNT-P607!GLASPVTI	18	4
>ARNT-P607!GLAPPVTIV	7	>ARNT-P607!GLASPVTIV	10	3
>ARNT-P607!GLAPPVTI	12	>ARNT-P607!GLASPVTI	15	3
>ARNT-P607!GLAPPVTIV	5	>ARNT-P607!GLASPVTIV	6	1
>ARNT-P607!GLAPPVTI	105	>ARNT-P607!GLASPVTI	113	8
>ARNT-P607!GLAPPVTIV	10	>ARNT-P607!GLASPVTIV	10	0
>ARNT-P607!GLAPPVTI	7	>ARNT-P607!GLASPVTI	11	4
>ARNT-P607!GLAPPVTIV	2	>ARNT-P607!GLASPVTIV	2	0
>ARNT-P607!GLAPPVTIVQ	104	>ARNT-P607!GLASPVTIVQ	283	179
>ARNT-P607!GLAPPVTI	306	>ARNT-P607!GLASPVTI	202	104
>ARNT-P607!SGLAPPVTI	5404	>ARNT-P607!SGLASPVTI	227	5177
>ARNT-P607!SGLAPPVTI	132	>ARNT-P607!SGLASPVTI	281	149
>ARNT-P607!NSGLAPPV	1903	>ARNT-P607!NSGLASPV	367	1536
>ARNT-P607!NSGLAPPV	136	>ARNT-P607!NSGLASPV	296	160
>ARNT-P607!NSGLAPPVTI	206	>ARNT-P607!NSGLASPVTI	145	61
>ARNT-P607!RNSGLAPPVT	82	>ARNT-P607!RNSGLASPVT	113	31
>ARNT-P607!RNSGLAPPVT	231	>ARNT-P607!RNSGLASPVT	197	34
>ARNT-P607!FRNSGLAPPV	499	>ARNT-P607!FRNSGLASPV	610	111
>ARNT-P607!FRNSGLAPPV	242	>ARNT-P607!FRNSGLASPV	129	113
>ARNT-P607!FRNSGLAPPV	56	>ARNT-P607!FRNSGLASPV	52	4
>ARNT-P607!NFRNSGLAPP	318	>ARNT-P607!NFRNSGLASP	903	585
>ASXL1-E110EATNPLVMQ	232	>ASXL1-E110DATNPLVMQ	1302	1070
>ASXL1-E110EATNPLVMQ	54	>ASXL1-E110DATNPLVMQ	508	454
>ASXL1-E110EATNPLVMQ	83	>ASXL1-E110DATNPLVMQ	466	383
>ASXL1-E110EATNPLVMQ	255	>ASXL1-E110DATNPLVMQ	1330	1075

>ASXL1-E110 EATNPLVM	206	>ASXL1-E110 DATNPLVM	491	285
>ASXL1-E110 VEATNPLV	171	>ASXL1-E110 VDATNPLV	8926	8755
>ASXL1-E110 VEATNPLVM	197	>ASXL1-E110 VDATNPLVM	6381	6184
>ASXL1-E110 VEATNPLVM	448	>ASXL1-E110 VDATNPLVM	21821	21373
>ASXL1-E110 VEATNPLVM	179	>ASXL1-E110 VDATNPLVM	19218	19039
>ASXL1-E110 VEATNPLVM	188	>ASXL1-E110 VDATNPLVM	8238	8050
>ASXL1-E110 VEATNPLVM	19	>ASXL1-E110 VDATNPLVM	792	773
>ASXL1-E110 VEATNPLV	6104	>ASXL1-E110 VDATNPLV	119	5985
>ASXL1-E110 SVEATNPLV	1430	>ASXL1-E110 SVDATNPLV	53	1377
>ASXL1-E110 SVEATNPL	578	>ASXL1-E110 SVDATNPL	267	311
>ASXL1-E110 SVEATNPL	861	>ASXL1-E110 SVDATNPL	97	764
>ASXL1-E110 SVEATNPLV	211	>ASXL1-E110 SVDATNPLV	23	188
>ASXL1-E110 SVEATNPLV	951	>ASXL1-E110 SVDATNPLV	37	914
>ASXL1-E110 SVEATNPL	11370	>ASXL1-E110 SVDATNPL	479	10891
>ASXL1-E110 SVEATNPLV	377	>ASXL1-E110 SVDATNPLV	12	365
>ASXL1-E110 SVEATNPLV	48	>ASXL1-E110 SVDATNPLV	38	10
>ASXL1-E110 SVEATNPL	1166	>ASXL1-E110 SVDATNPL	52	1114
>ASXL1-E110 SVEATNPLV	91	>ASXL1-E110 SVDATNPLV	8	83
>ASXL1-E110 SVEATNPL	574	>ASXL1-E110 SVDATNPL	249	325
>ASXL1-E110 SVEATNPLVM	118	>ASXL1-E110 SVDATNPLVM	208	90
>ASXL1-E110 SSVEATNPL	465	>ASXL1-E110 SSVDATNPL	6328	5863
>ASXL1-E110 SSVEATNPLV	204	>ASXL1-E110 SSVDATNPLV	1297	1093
>ASXL1-E110 SSVEATNPL	255	>ASXL1-E110 SSVDATNPL	229	26
>ASXL1-E110 SSVEATNPL	204	>ASXL1-E110 SSVDATNPL	175	29
>ASXL1-E110 SSVEATNPL	141	>ASXL1-E110 SSVDATNPL	177	36
>ASXL1-E110 SSVEATNPLV	239	>ASXL1-E110 SSVDATNPLV	206	33
>ASXL1-E110 SSVEATNPL	103	>ASXL1-E110 SSVDATNPL	142	39
>ASXL1-E110 SSVEATNPLV	69	>ASXL1-E110 SSVDATNPLV	89	20
>ASXL1-E110 SSVEATNPL	451	>ASXL1-E110 SSVDATNPL	2046	1595
>ASXL1-E110 SSVEATNPL	22	>ASXL1-E110 SSVDATNPL	18	4
>ASXL1-E110 SSVEATNPLV	69	>ASXL1-E110 SSVDATNPLV	83	14
>ASXL1-E110 SSVEATNPL	72	>ASXL1-E110 SSVDATNPL	147	75
>ASXL1-E110 SSVEATNPLV	21	>ASXL1-E110 SSVDATNPLV	32	11
>ASXL1-E110 SSVEATNPLV	449	>ASXL1-E110 SSVDATNPLV	341	108
>ASXL1-E110 SSVEATNPLV	487	>ASXL1-E110 SSVDATNPLV	644	157
>ASXL1-E110 SSVEATNPL	42	>ASXL1-E110 SSVDATNPL	25	17
>ASXL1-E110 SSVEATNPLV	18	>ASXL1-E110 SSVDATNPLV	12	6
>ASXL1-E110 SSVEATNPLV	449	>ASXL1-E110 SSVDATNPLV	612	163
>ASXL1-E110 SSVEATNPL	164	>ASXL1-E110 SSVDATNPL	299	135
>ASXL1-E110 SSVEATNPL	102	>ASXL1-E110 SSVDATNPL	80	22
>ASXL1-E110 SSVEATNPLV	154	>ASXL1-E110 SSVDATNPLV	131	23
>ASXL1-E110 SSVEATNPLV	496	>ASXL1-E110 SSVDATNPLV	431	65
>ASXL1-E110 SSVEATNPLV	296	>ASXL1-E110 SSVDATNPLV	117	179

>ASXL1-E110 GSSVEATNPL	202	>ASXL1-E110 GSSVDATNPL	294	92
>ASXL1-E110 GSSVEATNPL	433	>ASXL1-E110 GSSVDATNPL	479	46
>ASXL1-E110 MPGSSVEA	218	>ASXL1-E110 MPGSSVDA	644	426
>ASXL1-E110 MPGSSVEAT	79	>ASXL1-E110 MPGSSVDAT	40	39
>ASXL1-E110 MPGSSVEA	55	>ASXL1-E110 MPGSSVDA	95	40
>ASXL1-E110 MPGSSVEAT	953	>ASXL1-E110 MPGSSVDAT	166	787
>ASXL1-E110 SMPGSSVEA	222	>ASXL1-E110 SMPGSSVDA	3101	2879
>ASXL1-E110 SMPGSSVEA	94	>ASXL1-E110 SMPGSSVDA	1430	1336
>ASXL1-E110 SMPGSSVEAT	446	>ASXL1-E110 SMPGSSVDA	736	290
>ASXL1-E110 SMPGSSVEA	57	>ASXL1-E110 SMPGSSVDA	245	188
>ASXL1-E110 SMPGSSVEAT	267	>ASXL1-E110 SMPGSSVDA	390	123
>ASXL1-E110 SMPGSSVEA	360	>ASXL1-E110 SMPGSSVDA	2040	1680
>ASXL1-E110 SMPGSSVEA	23	>ASXL1-E110 SMPGSSVDA	276	253
>ASXL1-E110 SMPGSSVEAT	77	>ASXL1-E110 SMPGSSVDA	184	107
>ASXL1-E110 SMPGSSVEA	428	>ASXL1-E110 SMPGSSVDA	2371	1943
>ASXL1-E110 SMPGSSVEA	17	>ASXL1-E110 SMPGSSVDA	58	41
>ASXL1-E110 SMPGSSVEA	6	>ASXL1-E110 SMPGSSVDA	18	12
>ASXL1-E110 SMPGSSVEAT	108	>ASXL1-E110 SMPGSSVDA	338	230
>ASXL1-E110 LSMPGSSVEA	362	>ASXL1-E110 LSMPGSSVD/	864	502
>ASXL1-E110 LSMPGSSVE	461	>ASXL1-E110 LSMPGSSVD	1374	913
>ASXL1-E110 LSMPGSSVEA	189	>ASXL1-E110 LSMPGSSVD/	645	456
>ASXL1-E110 LSMPGSSVEA	360	>ASXL1-E110 LSMPGSSVD/	663	303
>ASXL1-E110 LSMPGSSVE	145	>ASXL1-E110 LSMPGSSVD	460	315
>ASXL1-E110 CLSMPGSSVE	456	>ASXL1-E110 CLSMPGSSVI	2438	1982
>ASXL1-E110 CLSMPGSSVE	211	>ASXL1-E110 CLSMPGSSVI	566	355
>ASXL1-E110 CLSMPGSSVE	80	>ASXL1-E110 CLSMPGSSVI	298	218
>ASXL1-G137GGPLKANA	376	>ASXL1-G137GDPLKANA	15092	14716
>ASXL1-G137FVGGPLKA	911	>ASXL1-G137FVGDPLKA	418	493
>ASXL1-G137FVGGPLKAN/	441	>ASXL1-G137FVGDPLKAN/	443	2
>ASXL1-G137FVGGPLKA	1175	>ASXL1-G137FVGDPLKA	370	805
>ASXL1-G137FVGGPLKAN/	467	>ASXL1-G137FVGDPLKAN/	362	105
>ASXL1-G137FVGGPLKA	423	>ASXL1-G137FVGDPLKA	257	166
>ASXL1-G137FVGGPLKAN/	638	>ASXL1-G137FVGDPLKAN/	346	292
>ASXL1-G137FVGGPLKA	215	>ASXL1-G137FVGDPLKA	112	103
>ASXL1-G137FVGGPLKAN/	176	>ASXL1-G137FVGDPLKAN/	78	98
>ASXL1-G137KTFVGGPL	233	>ASXL1-G137KTFVGDPL	3491	3258
>ASXL1-G137KTFVGGPL	1357	>ASXL1-G137KTFVGDPL	480	877
>ASXL1-G137KTFVGGPLKA	291	>ASXL1-G137KTFVGDPLKA	600	309
>ASXL1-G137KTFVGGPL	332	>ASXL1-G137KTFVGDPL	154	178
>ASXL1-G137KTFVGGPLK	37	>ASXL1-G137KTFVGDPLK	59	22
>ASXL1-G137KTFVGGPLK	17	>ASXL1-G137KTFVGDPLK	28	11
>ASXL1-G137KTFVGGPL	48	>ASXL1-G137KTFVGDPL	269	221
>ASXL1-G137KTFVGGPLK	4	>ASXL1-G137KTFVGDPLK	5	1

>ASXL1-G137KTFVGGPLKA	23	>ASXL1-G137KTFVGDPLKA	64	41
>ASXL1-G137KTFVGGPLK	38	>ASXL1-G137KTFVGDPLK	57	19
>ASXL1-G137KTFVGGPL	57	>ASXL1-G137KTFVGDPL	20	37
>ASXL1-G137KTFVGGPLK	276	>ASXL1-G137KTFVGDPLK	127	149
>ASXL1-G137KTFVGGPL	468	>ASXL1-G137KTFVGDPL	708	240
>ASXL1-G137KTFVGGPL	4	>ASXL1-G137KTFVGDPL	5	1
>ASXL1-G137KTFVGGPLKA	67	>ASXL1-G137KTFVGDPLKA	193	126
>ASXL1-G137KTFVGGPL	1217	>ASXL1-G137KTFVGDPL	402	815
>ASXL1-G137KTFVGGPLK	492	>ASXL1-G137KTFVGDPLK	2189	1697
>ASXL1-G137KTFVGGPLKA	409	>ASXL1-G137KTFVGDPLKA	676	267
>ASXL1-G137KTFVGGPLK	225	>ASXL1-G137KTFVGDPLK	271	46
>ASXL1-G137KTFVGGPL	31	>ASXL1-G137KTFVGDPL	49	18
>ASXL1-G137NEKTFVGGPL	120	>ASXL1-G137NEKTFVGDPL	119	1
>ASXL1-G137NEKTFVGGPL	458	>ASXL1-G137NEKTFVGDPL	543	85
>ASXL1-G137NEKTFVGGPL	444	>ASXL1-G137NEKTFVGDPL	571	127
>ASXL1-L139LVGHLEGMP	357	>ASXL1-L139VVGHLEGMP	936	579
>ASXL1-L139LVGHLEGMP	359	>ASXL1-L139VVGHLEGMP	529	170
>ASXL1-L139LVGHLEGMP	97	>ASXL1-L139VVGHLEGMP	119	22
>ASXL1-L139LVGHLEGMP	114	>ASXL1-L139VVGHLEGMP	94	20
>ASXL1-L139LVGHLEGMP	60	>ASXL1-L139VVGHLEGMP	46	14
>ASXL1-L139LVGHLEGMP	49	>ASXL1-L139VVGHLEGMP	68	19
>ASXL1-L139LVGHLEGMP	310	>ASXL1-L139VVGHLEGMP	657	347
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>ASXL1-L139ELVGHLEGM	341	>ASXL1-L139EVVGHLEGM	5874	5533
>ASXL1-L139ELVGHLEGM	328	>ASXL1-L139EVVGHLEGM	12117	11789
>ASXL1-L139ELVGHLEGM	474	>ASXL1-L139EVVGHLEGM	19133	18659
>ASXL1-L139ELVGHLEGM	1080	>ASXL1-L139EVVGHLEGM	96	984
>ASXL1-L139ELVGHLEGM	1835	>ASXL1-L139EVVGHLEGM	366	1469
>ASXL1-L139ELVGHLEGM	13	>ASXL1-L139EVVGHLEGM	5	8
>ASXL1-L139ELVGHLEGM	77	>ASXL1-L139EVVGHLEGM	14	63
>ASXL1-L139ELVGHLEGM	2	>ASXL1-L139EVVGHLEGM	1	1
>ASXL1-L139ELVGHLEGM	5912	>ASXL1-L139EVVGHLEGM	416	5496
>ASXL1-L139ELVGHLEGM	16	>ASXL1-L139EVVGHLEGM	3	13
>ASXL1-L139ELVGHLEGM	172	>ASXL1-L139EVVGHLEGM	29	143
>ASXL1-L139ELVGHLEGM	1328	>ASXL1-L139EVVGHLEGM	205	1123
>ASXL1-L139ELVGHLEGM	2656	>ASXL1-L139EVVGHLEGM	71	2585
>ASXL1-L139ELVGHLEGM	241	>ASXL1-L139EVVGHLEGM	37	204
>ASXL1-L139ELVGHLEGM	174	>ASXL1-L139EVVGHLEGM	468	294
>ASXL1-L139ELVGHLEGM	440	>ASXL1-L139EVVGHLEGM	2457	2017
>ASXL1-L139ELVGHLEGM	308	>ASXL1-L139EVVGHLEGM	1582	1274
>ASXL1-L139ELVGHLEGM	622	>ASXL1-L139EVVGHLEGM	145	477
>ASXL1-L139RKATGHSPLE	7	>ASXL1-L139RKATGHSPLE	12	5
>ASXL1-L139RKATGHSPLE	296	>ASXL1-L139RKATGHSPLE	3289	2993

>ASXL1-L139 RKATGHSPLE	363	>ASXL1-L139 RKATGHSPLE	6816	6453
>ASXL1-L139 RKATGHSPLE	133	>ASXL1-L139 RKATGHSPLE	616	483
>ASXL1-L139 RKATGHSPLE	156	>ASXL1-L139 RKATGHSPLE	1654	1498
>ASXL1-L139 LELVGHLE	113	>ASXL1-L139 LEVVGHLE	143	30
>ASXL1-L139 LELVGHLEGM	378	>ASXL1-L139 LEVVGHLEGM	1300	922
>ASXL1-L139 SPLELVGHL	111	>ASXL1-L139 SPLEVVGHL	59	52
>ASXL1-L139 SPLELVGHL	393	>ASXL1-L139 SPLEVVGHL	351	42
>ASXL1-L139 SPLELVGHL	335	>ASXL1-L139 SPLEVVGHL	373	38
>ASXL1-L139 SPLELVGHL	593	>ASXL1-L139 SPLEVVGHL	452	141
>ASXL1-L139 HSPLELVGHL	31	>ASXL1-L139 HSPLEVVGHL	30	1
>ASXL1-L139 HSPLELVGHL	316	>ASXL1-L139 HSPLEVVGHL	314	2
>ASXL1-L139 TGHSPLELV	135	>ASXL1-L139 TGHSPLEV	591	456
>ASXL1-L139 ATGHSPLELV	399	>ASXL1-L139 ATGHSPLEV	665	266
>ASXL1-L139 ATGHSPLEL	3189	>ASXL1-L139 ATGHSPLEV	183	3006
>ASXL1-L139 ATGHSPLELV	184	>ASXL1-L139 ATGHSPLEV	193	9
>ASXL1-L139 ATGHSPLEL	10	>ASXL1-L139 ATGHSPLEV	285	275
>ASXL1-L139 KATGHSPLEL	1285	>ASXL1-L139 KATGHSPLEV	211	1074
>ASXL1-L139 KATGHSPLEL'	76	>ASXL1-L139 KATGHSPLEV	210	134
>ASXL1-L139 KATGHSPLEL	5357	>ASXL1-L139 KATGHSPLEV	464	4893
>ASXL1-L139 KATGHSPLEL'	464	>ASXL1-L139 KATGHSPLEV	505	41
>ASXL1-L139 KATGHSPLEL	3661	>ASXL1-L139 KATGHSPLEV	153	3508
>ASXL1-L139 KATGHSPLEL'	169	>ASXL1-L139 KATGHSPLEV	265	96
>ASXL1-L139 KATGHSPLEL	19	>ASXL1-L139 KATGHSPLEV	522	503
>ASXL1-L139 KATGHSPLEL	97	>ASXL1-L139 KATGHSPLEV	1929	1832
>ASXL1-L139 KATGHSPLEL'	296	>ASXL1-L139 KATGHSPLEV	1102	806
>ASXL1-N811ADNGPILSLV	186	>ASXL1-N811ADDGPILSLV	223	37
>ASXL1-N811VPADNGPI	26	>ASXL1-N811VPADDGPI	46	20
>ASXL1-N811VPADNGPIL	39	>ASXL1-N811VPADDGPIL	61	22
>ASXL1-N811VPADNGPILS	24	>ASXL1-N811VPADDGPILS	29	5
>ASXL1-N811VPADNGPI	776	>ASXL1-N811VPADDGPI	384	392
>ASXL1-N811VPADNGPIL	625	>ASXL1-N811VPADDGPIL	384	241
>ASXL1-N811VPADNGPILS	464	>ASXL1-N811VPADDGPILS	334	130
>ASXL1-N811VPADNGPI	462	>ASXL1-N811VPADDGPI	609	147
>ASXL1-N811VPADNGPIL	1281	>ASXL1-N811VPADDGPIL	463	818
>ASXL1-N811VPADNGPILS	971	>ASXL1-N811VPADDGPILS	470	501
>ASXL1-N811TVPADNGPI	16	>ASXL1-N811TVPADDGPI	18	2
>ASXL1-N811TVPADNGPIL	97	>ASXL1-N811TVPADDGPIL	294	197
>ASXL1-N811GPTVPADNG	280	>ASXL1-N811GPTVPADDG	561	281
>ASXL1-P132PMPLPAEIPP'	2703	>ASXL1-P132RMPLPAEIPP	114	2589
>ASXL1-P132PMPLPAEIPP'	4050	>ASXL1-P132RMPLPAEIPP	373	3677
>ASXL1-P132PMPLPAEI	4064	>ASXL1-P132RMPLPAEI	136	3928
>ASXL1-P132PMPLPAEIPP'	1171	>ASXL1-P132RMPLPAEIPP	24	1147
>ASXL1-P132PMPLPAEIPP'	1023	>ASXL1-P132RMPLPAEIPP	22	1001

>ASXL1-P132 PMPLPAEI	477	>ASXL1-P132 RMPLPAEI	19	458
>ASXL1-P132 PMPLPAEIPP	36	>ASXL1-P132 RMPLPAEIPP	4	32
>ASXL1-P132 PMPLPAEI	6167	>ASXL1-P132 RMPLPAEI	323	5844
>ASXL1-P132 PMPLPAEIPP	822	>ASXL1-P132 RMPLPAEIPP	25	797
>ASXL1-P132 PMPLPAEI	3146	>ASXL1-P132 RMPLPAEI	390	2756
>ASXL1-P132 PMPLPAEIPP	66	>ASXL1-P132 RMPLPAEIPP	13	53
>ASXL1-P132 PMPLPAEIPP	169	>ASXL1-P132 RMPLPAEIPP	38	131
>ASXL1-P132 PMPLPAEI	1710	>ASXL1-P132 RMPLPAEI	222	1488
>ASXL1-P132 PMPLPAEIPP	30	>ASXL1-P132 RMPLPAEIPP	10	20
>ASXL1-P132 PMPLPAEI	6235	>ASXL1-P132 RMPLPAEI	103	6132
>ASXL1-P132 PMPLPAEIPP	2550	>ASXL1-P132 RMPLPAEIPP	183	2367
>ASXL1-P132 DPMPLPAEI	452	>ASXL1-P132 DRMPLPAEI	11949	11497
>ASXL1-P132 DPMPLPAEI	37034	>ASXL1-P132 DRMPLPAEI	340	36694
>ASXL1-P132 ATLQRPRPAC	22815	>ASXL1-P132 ATLQRPRPAC	193	22622
>ASXL1-P132 ATLQRPRPAC	4191	>ASXL1-P132 ATLQRPRPAC	74	4117
>ASXL1-P132 ADPMPLPAEI	737	>ASXL1-P132 ADRMPLPAEI	134	603
>ASXL1-P132 ADPMPLPAEI	554	>ASXL1-P132 ADRMPLPAEI	221	333
>ASXL1-P132 RPADPMPL	11	>ASXL1-P132 RPADRMPL	8	3
>ASXL1-P132 RPADPMPLP,	144	>ASXL1-P132 RPADRMPLP,	165	21
>ASXL1-P132 RPADPMPLP,	263	>ASXL1-P132 RPADRMPLP,	201	62
>ASXL1-P132 RPADPMPL	497	>ASXL1-P132 RPADRMPL	1082	585
>ASXL1-P132 RPADPMPL	158	>ASXL1-P132 RPADRMPL	184	26
>ASXL1-P132 RPADPMPLP,	404	>ASXL1-P132 RPADRMPLP,	608	204
>ASXL1-P132 RPRPADPM	7	>ASXL1-P132 RPRPADRM	11	4
>ASXL1-P132 RPRPADPMP	20	>ASXL1-P132 RPRPADRMP	12	8
>ASXL1-P132 RPRPADPM	47	>ASXL1-P132 RPRPADRM	495	448
>ASXL1-P132 QRPRPADPM	562	>ASXL1-P132 QRPRPADRM	388	174
>ASXL1-P132 QRPRPADPM	378	>ASXL1-P132 QRPRPADRM	275	103
>ASXL1-P132 LQRPRPADP	22228	>ASXL1-P132 LQRPRPADR	97	22131
>ASXL1-P132 LQRPRPADP	58	>ASXL1-P132 LQRPRPADR	189	131
>ASXL1-P132 LQRPRPADP	1962	>ASXL1-P132 LQRPRPADR	470	1492
>ASXL1-P132 LQRPRPADP	15	>ASXL1-P132 LQRPRPADR	108	93
>ASXL1-P132 TLQRPRPADF	34855	>ASXL1-P132 TLQRPRPADF	178	34677
>ASXL1-P132 TLQRPRPADF	454	>ASXL1-P132 TLQRPRPADF	2085	1631
>ATIC-L384F- GLHLSQKR	576	>ATIC-L384F- GFHLSQKR	145	431
>ATIC-L384F- DENEVRTLFG	75	>ATIC-L384F- DENEVRTLFG	337	262
>ATIC-L384F- DENEVRTLFG	12	>ATIC-L384F- DENEVRTLFG	4	8
>ATIC-L384F- DENEVRTLFG	274	>ATIC-L384F- DENEVRTLFG	2174	1900
>ATIC-L384F- DENEVRTLFG	739	>ATIC-L384F- DENEVRTLFG	114	625
>ATIC-L384F- FGLHLSQK	4172	>ATIC-L384F- FGFHLSQK	204	3968
>ATIC-L384F- FGLHLSQKR	3143	>ATIC-L384F- FGFHLSQKR	186	2957
>ATIC-L384F- FGLHLSQKR	442	>ATIC-L384F- FGFHLSQKR	184	258
>ATIC-L384F- LFGHLSQKR	176	>ATIC-L384F- LFGHLSQKR	90	86

>ATIC-L384F-LFGLHLSQKR	1436	>ATIC-L384F-LFGFHLSQKR	346	1090
>ATIC-L384F-LFGLHLSQKR	226	>ATIC-L384F-LFGFHLSQKR	283	57
>ATIC-L384F-TLFGHLHS	164	>ATIC-L384F-TLFGFHLS	109	55
>ATIC-L384F-TLFGHLHSQ	817	>ATIC-L384F-TLFGFHLSQ	378	439
>ATIC-L384F-TLFGHLHS	422	>ATIC-L384F-TLFGFHLS	272	150
>ATIC-L384F-TLFGHLHSQ	1004	>ATIC-L384F-TLFGFHLSQ	353	651
>ATIC-L384F-TLFGHLHS	150	>ATIC-L384F-TLFGFHLS	107	43
>ATIC-L384F-TLFGHLHSQ	46	>ATIC-L384F-TLFGFHLSQ	21	25
>ATIC-L384F-TLFGHLHSQK	574	>ATIC-L384F-TLFGFHLSQK	300	274
>ATIC-L384F-TLFGHLHSQK	22	>ATIC-L384F-TLFGFHLSQK	17	5
>ATIC-L384F-TLFGHLHSQK	225	>ATIC-L384F-TLFGFHLSQK	168	57
>ATIC-L384F-TLFGHLHSQK	61	>ATIC-L384F-TLFGFHLSQK	37	24
>ATIC-L384F-TLFGHLHSQK	525	>ATIC-L384F-TLFGFHLSQK	246	279
>ATIC-L384F-TLFGHLHSQ	537	>ATIC-L384F-TLFGFHLSQ	468	69
>ATIC-L384F-TLFGHLHSQK	816	>ATIC-L384F-TLFGFHLSQK	378	438
>ATIC-L384F-TLFGHLHSQK	58	>ATIC-L384F-TLFGFHLSQK	47	11
>ATIC-L384F-TLFGHLHSQ	538	>ATIC-L384F-TLFGFHLSQ	347	191
>ATIC-L384F-TLFGHLHSQK	175	>ATIC-L384F-TLFGFHLSQK	132	43
>ATIC-L384F-TLFGHLHSQK	61	>ATIC-L384F-TLFGFHLSQK	47	14
>ATIC-L384F-TLFGHLHSQK	30	>ATIC-L384F-TLFGFHLSQK	18	12
>ATIC-L384F-TLFGHLHSQK	1580	>ATIC-L384F-TLFGFHLSQK	423	1157
>ATIC-L384F-TLFGHLHSQK	53	>ATIC-L384F-TLFGFHLSQK	39	14
>ATIC-L384F-RTLFGHL	158	>ATIC-L384F-RTLFGFHL	34	124
>ATIC-L384F-RTLFGHL	509	>ATIC-L384F-RTLFGFHL	237	272
>ATIC-L384F-RTLFGHLHSQ	46	>ATIC-L384F-RTLFGFHLSQ	38	8
>ATIC-L384F-RTLFGHLHSQ	12	>ATIC-L384F-RTLFGFHLSQ	10	2
>ATIC-L384F-RTLFGHL	54	>ATIC-L384F-RTLFGFHL	66	12
>ATIC-L384F-RTLFGHLHS	330	>ATIC-L384F-RTLFGFHLS	246	84
>ATIC-L384F-RTLFGHLHSQ	91	>ATIC-L384F-RTLFGFHLSQ	61	30
>ATIC-L384F-RTLFGHLHSQ	7	>ATIC-L384F-RTLFGFHLSQ	6	1
>ATIC-L384F-RTLFGHL	1555	>ATIC-L384F-RTLFGFHL	174	1381
>ATIC-L384F-RTLFGHLHSQ	27	>ATIC-L384F-RTLFGFHLSQ	19	8
>ATIC-L384F-RTLFGHL	91	>ATIC-L384F-RTLFGFHL	56	35
>ATIC-L384F-RTLFGHLHSQ	330	>ATIC-L384F-RTLFGFHLSQ	254	76
>ATIC-L384F-RTLFGHLHSQ	414	>ATIC-L384F-RTLFGFHLSQ	232	182
>ATIC-L384F-RTLFGHL	941	>ATIC-L384F-RTLFGFHL	237	704
>ATIC-L384F-RTLFGHL	3	>ATIC-L384F-RTLFGFHL	4	1
>ATIC-L384F-RTLFGHLHSQ	135	>ATIC-L384F-RTLFGFHLSQ	227	92
>ATIC-L384F-RTLFGHL	163	>ATIC-L384F-RTLFGFHL	127	36
>ATIC-L384F-RTLFGHL	1568	>ATIC-L384F-RTLFGFHL	463	1105
>ATIC-L384F-RTLFGHL	119	>ATIC-L384F-RTLFGFHL	180	61
>ATIC-L384F-RTLFGHLHS	436	>ATIC-L384F-RTLFGFHLS	302	134
>ATIC-L384F-RTLFGHLHSQ	272	>ATIC-L384F-RTLFGFHLSQ	189	83

>ATIC-L384F-RTLFGHLHS	3010	>ATIC-L384F-RTLFGFHLS	416	2594
>ATIC-L384F-RTLFGHLHSQ	186	>ATIC-L384F-RTLFGFHLSQ	105	81
>ATIC-L384F-RTLFGHLHL	100	>ATIC-L384F-RTLFGFHHL	69	31
>ATIC-L384F-VRTLFGHLHL	94	>ATIC-L384F-VRTLFGFHHL	69	25
>ATIC-L384F-VRTLFGHLHL	238	>ATIC-L384F-VRTLFGFHHL	676	438
>ATIC-L384F-VRTLFGHLHL	25	>ATIC-L384F-VRTLFGFHHL	99	74
>ATIC-L384F-EVRTLFGF	1978	>ATIC-L384F-EVRTLFGF	164	1814
>ATIC-L384F-EVRTLFGF	104	>ATIC-L384F-EVRTLFGF	15	89
>ATIC-L384F-EVRTLFGFH	1790	>ATIC-L384F-EVRTLFGFH	98	1692
>ATIC-L384F-EVRTLFGHL	341	>ATIC-L384F-EVRTLFGFHHL	174	167
>ATIC-L384F-EVRTLFGF	73	>ATIC-L384F-EVRTLFGF	44	29
>ATIC-L384F-EVRTLFGFH	393	>ATIC-L384F-EVRTLFGFH	145	248
>ATIC-L384F-EVRTLFGHL	193	>ATIC-L384F-EVRTLFGFHHL	308	115
>ATIC-L384F-EVRTLFGF	228	>ATIC-L384F-EVRTLFGF	13127	12899
>ATIC-L384F-EVRTLFGHL	1289	>ATIC-L384F-EVRTLFGFHHL	317	972
>ATIC-L384F-EVRTLFGF	274	>ATIC-L384F-EVRTLFGF	11655	11381
>ATIC-L384F-NEVRTLFGF	55	>ATIC-L384F-NEVRTLFGF	208	153
>ATIC-L384F-NEVRTLFGFH	207	>ATIC-L384F-NEVRTLFGFH	162	45
>ATIC-L384F-NEVRTLFGF	35	>ATIC-L384F-NEVRTLFGF	8	27
>ATIC-L384F-NEVRTLFGFH	79	>ATIC-L384F-NEVRTLFGFH	53	26
>ATIC-L384F-NEVRTLFGF	38	>ATIC-L384F-NEVRTLFGF	374	336
>ATIC-L384F-NEVRTLFGFH	113	>ATIC-L384F-NEVRTLFGFH	64	49
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>ATIC-L384F-NEVRTLFGF	139	>ATIC-L384F-NEVRTLFGF	28	111
>ATIC-L384F-NEVRTLFGFH	156	>ATIC-L384F-NEVRTLFGFH	138	18
>ATIC-L384F-NEVRTLFGF	30	>ATIC-L384F-NEVRTLFGF	122	92
>ATIC-L384F-NEVRTLFGFH	146	>ATIC-L384F-NEVRTLFGFH	53	93
>ATIC-S34F-vASGGTAKALF	95	>ATIC-S34F-rAFGGTAKALF	47	48
>ATIC-S34F-vASGGTAKALF	2508	>ATIC-S34F-rAFGGTAKALF	240	2268
>ATIC-S34F-vASGGTAKALF	153	>ATIC-S34F-rAFGGTAKALF	516	363
>ATIC-S34F-vASGGTAKAL	30	>ATIC-S34F-rAFGGTAKAL	25091	25061
>ATIC-S34F-vASGGTAKALF	2018	>ATIC-S34F-rAFGGTAKALF	94	1924
>ATIC-S34F-vASGGTAKALF	5469	>ATIC-S34F-rAFGGTAKALF	229	5240
>ATIC-S34F-vLTALGLNLVA	12835	>ATIC-S34F-rLTALGLNLVA	55	12780
>ATIC-S34F-vLTALGLNLVA	14603	>ATIC-S34F-rLTALGLNLVA	185	14418
>ATIC-S34F-vLTALGLNLVA	20809	>ATIC-S34F-rLTALGLNLVA	189	20620
>ATIC-S34F-vLTALGLNLVA	10258	>ATIC-S34F-rLTALGLNLVA	8	10250
>ATIC-S34F-vLTALGLNLVA	13444	>ATIC-S34F-rLTALGLNLVA	423	13021
>ATIC-S34F-vLTALGLNLVA	21283	>ATIC-S34F-rLTALGLNLVA	435	20848
>ATIC-S34F-vLTALGLNLVA	7025	>ATIC-S34F-rLTALGLNLVA	205	6820
>ATIC-S34F-vLTALGLNLVA	7691	>ATIC-S34F-rLTALGLNLVA	92	7599
>ATIC-S34F-vVASGGTAKA	1405	>ATIC-S34F-rVAFGGTAKA	490	915
>ATIC-S34F-vVASGGTAK	737	>ATIC-S34F-rVAFGGTAK	150	587



>ATIC-S34F-v VASGGTAK	250	>ATIC-S34F-r VAFGGTAK	44	206
>ATIC-S34F-v VASGGTAKAI	186	>ATIC-S34F-r VAFGGTAKAI	29	157
>ATIC-S34F-v VASGGTAKAI	574	>ATIC-S34F-r VAFGGTAKAI	119	455
>ATIC-S34F-v VASGGTAK	939	>ATIC-S34F-r VAFGGTAK	127	812
>ATIC-S34F-v VASGGTAKAI	54	>ATIC-S34F-r VAFGGTAKAI	13	41
>ATIC-S34F-v VASGGTAKAI	3112	>ATIC-S34F-r VAFGGTAKAI	427	2685
>ATIC-S34F-v VASGGTAKAI	40	>ATIC-S34F-r VAFGGTAKAI	13	27
>ATIC-S34F-v LVASGGTAKA	370	>ATIC-S34F-r LVAFGGTAKA	493	123
>ATIC-S34F-v LVASGGTA	130	>ATIC-S34F-r LVAFGGTA	150	20
>ATIC-S34F-v LVASGGTAKA	344	>ATIC-S34F-r LVAFGGTAKA	892	548
>ATIC-S34F-v LVASGGTAKA	390	>ATIC-S34F-r LVAFGGTAKA	418	28
>ATIC-S34F-v LVASGGTAKA	270	>ATIC-S34F-r LVAFGGTAKA	798	528
>ATIC-S34F-v LVASGGTAK	143	>ATIC-S34F-r LVAFGGTAK	147	4
>ATIC-S34F-v LVASGGTAK	128	>ATIC-S34F-r LVAFGGTAK	94	34
>ATIC-S34F-v LVASGGTAK	143	>ATIC-S34F-r LVAFGGTAK	89	54
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>ATIC-S34F-v LVASGGTAKA	479	>ATIC-S34F-r LVAFGGTAKA	838	359
>ATIC-S34F-v NLVASGGTAI	325	>ATIC-S34F-r NLVAFGGTAI	148	177
>ATIC-S34F-v NLVASGGT	604	>ATIC-S34F-r NLVAFGGT	469	135
>ATIC-S34F-v NLVASGGTA	57	>ATIC-S34F-r NLVAFGGTA	53	4
>ATIC-S34F-v NLVASGGTAI	35	>ATIC-S34F-r NLVAFGGTAI	32	3
>ATIC-S34F-v NLVASGGTA	1404	>ATIC-S34F-r NLVAFGGTA	299	1105
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>ATIC-S34F-v NLVASGGTAI	180	>ATIC-S34F-r NLVAFGGTAI	162	18
>ATIC-S34F-v NLVASGGTAI	139	>ATIC-S34F-r NLVAFGGTAI	62	77
>ATIC-S34F-v NLVASGGTAI	490	>ATIC-S34F-r NLVAFGGTAI	272	218
>ATIC-S34F-v NLVASGGTAI	177	>ATIC-S34F-r NLVAFGGTAI	76	101
>ATIC-S34F-v GLNLVASGGI	1130	>ATIC-S34F-r GLNLVAFGGI	472	658
>ATIC-S34F-v GLNLVASGGI	37	>ATIC-S34F-r GLNLVAFGGI	55	18
>ATIC-S34F-v GLNLVASGGI	269	>ATIC-S34F-r GLNLVAFGGI	93	176
>ATIC-S34F-v GLNLVASGGI	507	>ATIC-S34F-r GLNLVAFGGI	245	262
>ATIC-S34F-v GLNLVASGGI	359	>ATIC-S34F-r GLNLVAFGGI	175	184
>ATIC-S34F-v GLNLVASGGI	377	>ATIC-S34F-r GLNLVAFGGI	249	128
>ATIC-S34F-v LGLNLVAS	18836	>ATIC-S34F-r LGLNLVAF	441	18395
>ATIC-S34F-v LGLNLVAS	18793	>ATIC-S34F-r LGLNLVAF	64	18729
>ATIC-S34F-v LGLNLVAS	12125	>ATIC-S34F-r LGLNLVAF	272	11853
>ATIC-S34F-v ALGLNLVAS	14122	>ATIC-S34F-r ALGLNLVAF	106	14016
>ATIC-S34F-v ALGLNLVAS	14045	>ATIC-S34F-r ALGLNLVAF	193	13852
>ATIC-S34F-v ALGLNLVAS	21893	>ATIC-S34F-r ALGLNLVAF	145	21748
>ATIC-S34F-v TALGLNLVAS	18166	>ATIC-S34F-r TALGLNLVAF	250	17916
>ATIC-S34F-v TALGLNLVAS	25378	>ATIC-S34F-r TALGLNLVAF	211	25167
>ATIC-S34F-v TALGLNLVAS	16805	>ATIC-S34F-r TALGLNLVAF	59	16746
>ATM-A1309AQQRETATK	153	>ATM-A1309TQQRETATK	184	31

>ATM-A1309 AQQRETATK\	496	>ATM-A1309 TQQRETATK\	798	302
>ATM-A1309 AQQRETATK\	48	>ATM-A1309 TQQRETATK\	62	14
>ATM-A1309 AQQRETATK\	427	>ATM-A1309 TQQRETATK\	253	174
>ATM-A1309 AQQRETATK\	297	>ATM-A1309 TQQRETATK\	1318	1021
>ATM-A1309 AQQRETATK\	12	>ATM-A1309 TQQRETATK\	60	48
>ATM-A1309 MAQQRETAT	164	>ATM-A1309 MTQQRETAT	116	48
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>ATM-A1309 MAQQRETAT	431	>ATM-A1309 MTQQRETAT	67	364
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>ATM-A1309 MAQQRETAT	166	>ATM-A1309 MTQQRETAT	58	108
>ATM-A1309 MAQQRETAT	1860	>ATM-A1309 MTQQRETAT	204	1656
>ATM-A1309 MAQQRETAT	2621	>ATM-A1309 MTQQRETAT	255	2366
>ATM-A1309 MAQQRETAT	4427	>ATM-A1309 MTQQRETAT	257	4170
>ATM-A1309 GMAQQRET/	357	>ATM-A1309 GMTQQRETA	2668	2311
>ATM-A1309 GMAQQRET/	301	>ATM-A1309 GMTQQRETA	697	396
>ATM-A1309 GMAQQRET/	50	>ATM-A1309 GMTQQRETA	53	3
>ATM-A1309 GMAQQRET/	226	>ATM-A1309 GMTQQRETA	677	451
>ATM-A1309 GMAQQRET/	217	>ATM-A1309 GMTQQRETA	460	243
>ATM-A1309 DSGMAQQR	620	>ATM-A1309 DSGMTQQR	385	235
>ATM-A1309 DSGMAQQR	155	>ATM-A1309 DSGMTQQR	130	25
>ATM-A1309 GTRDSGMA	54	>ATM-A1309 GTRDSGMT	1299	1245
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>ATM-A1309 GTRDSGMAC	198	>ATM-A1309 GTRDSGMTC	606	408
>ATM-A1309 GTRDSGMAC	125	>ATM-A1309 GTRDSGMTC	75	50
>ATM-A1309 GTRDSGMAC	146	>ATM-A1309 GTRDSGMTC	91	55
>ATM-A1309 GTRDSGMAC	500	>ATM-A1309 GTRDSGMTC	393	107
>ATM-A1309 GTRDSGMAC	1366	>ATM-A1309 GTRDSGMTC	279	1087
>ATM-A1309 GTRDSGMAC	166	>ATM-A1309 GTRDSGMTC	251	85
>ATM-A1309 GTRDSGMAC	393	>ATM-A1309 GTRDSGMTC	64	329
>ATM-A1309 GTRDSGMAC	484	>ATM-A1309 GTRDSGMTC	606	122
>ATM-A1742 ATKTGHSF	177	>ATM-A1742 PTKTGHSF	731	554
>ATM-A1742 ATKTGHSF	328	>ATM-A1742 PTKTGHSF	5984	5656
>ATM-A1742 ATKTGHSFW	154	>ATM-A1742 PTKTGHSFW	3955	3801
>ATM-A1742 ATKTGHSFW\	15	>ATM-A1742 PTKTGHSFW\	376	361
>ATM-A1742 ATKTGHSF	84	>ATM-A1742 PTKTGHSF	3142	3058
>ATM-A1742 ATKTGHSF	35	>ATM-A1742 PTKTGHSF	643	608
>ATM-A1742 ATKTGHSF	4	>ATM-A1742 PTKTGHSF	276	272
>ATM-A1742 ATKTGHSFW	10	>ATM-A1742 PTKTGHSFW	280	270
>ATM-A1742 ATKTGHSFW\	99	>ATM-A1742 PTKTGHSFW\	9244	9145
>ATM-A1742 ATKTGHSFW	87	>ATM-A1742 PTKTGHSFW	462	375
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>ATM-A1742 ATKTGHSF	149	>ATM-A1742 PTKTGHSF	1740	1591
>ATM-A1742 ATKTGHSF	292	>ATM-A1742 PTKTGHSF	2217	1925

>ATM-A1742 ATKTGHSFW	9	>ATM-A1742 PTKTGHSFW	413	404
>ATM-A1742 ATKTGHSFWI	287	>ATM-A1742 PTKTGHSFWI	2641	2354
>ATM-A1742 LATKTGHSF	22712	>ATM-A1742 LPTKTGHSF	40	22672
>ATM-A1742 LATKTGHSF	1753	>ATM-A1742 LPTKTGHSF	16	1737
>ATM-A1742 LATKTGHSF	324	>ATM-A1742 LPTKTGHSF	7799	7475
>ATM-A1742 LATKTGHSF	21	>ATM-A1742 LPTKTGHSF	92	71
>ATM-A1742 LATKTGHSF	15	>ATM-A1742 LPTKTGHSF	9241	9226
>ATM-A1742 LATKTGHSFM	28	>ATM-A1742 LPTKTGHSFM	5219	5191
>ATM-A1742 LATKTGHSF	167	>ATM-A1742 LPTKTGHSF	39	128
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>ATM-A1742 LATKTGHSFM	8456	>ATM-A1742 LPTKTGHSFM	134	8322
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>ATM-A1742 LATKTGHSFM	52	>ATM-A1742 LPTKTGHSFM	4187	4135
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>ATM-A1742 LATKTGHSFM	15	>ATM-A1742 LPTKTGHSFM	2795	2780
>ATM-A1742 LATKTGHSF	205	>ATM-A1742 LPTKTGHSF	2762	2557
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>ATM-A1742 LATKTGHSF	5443	>ATM-A1742 LPTKTGHSF	61	5382
>ATM-A1742 LATKTGHSFM	183	>ATM-A1742 LPTKTGHSFM	9	174
>ATM-A1742 LATKTGHSFM	138	>ATM-A1742 LPTKTGHSFM	105	33
>ATM-A1742 ILATKTGHSF	73	>ATM-A1742 ILPTKTGHSF	444	371
>ATM-A1742 ILATKTGHSF	209	>ATM-A1742 ILPTKTGHSF	591	382
>ATM-A1742 ILATKTGHSF	40	>ATM-A1742 ILPTKTGHSF	214	174
>ATM-A1742 ILATKTGHSFV	490	>ATM-A1742 ILPTKTGHSFV	3619	3129
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>ATM-A1742 NILATKTGHSI	250	>ATM-A1742 NILPTKTGHSI	284	34
>ATM-A1742 CLKNILAT	346	>ATM-A1742 CLKNILPT	294	52
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>ATM-A1742 VTCLKNILATK	242	>ATM-A1742 VTCLKNILPTK	441	199
>ATM-A1945 AQSCAAHFT/	47	>ATM-A1945 TQSCAAHFT/	125	78
>ATM-A1945 AQSCAAHFT/	74	>ATM-A1945 TQSCAAHFT/	159	85
>ATM-A1945 AQSCAAHF	246	>ATM-A1945 TQSCAAHF	506	260
>ATM-A1945 AQSCAAHFT	100	>ATM-A1945 TQSCAAHFT	201	101
>ATM-A1945 AQSCAAHFT/	9	>ATM-A1945 TQSCAAHFT/	15	6

>ATM-A1945 AQSCAAHF	32	>ATM-A1945 TQSCAAHF	44	12
>ATM-A1945 AQSCAAHFT/	457	>ATM-A1945 TQSCAAHFT/	1463	1006
>ATM-A1945 AQSCAAHFT/	88	>ATM-A1945 TQSCAAHFT/	189	101
>ATM-A1945 AQSCAAHF	5	>ATM-A1945 TQSCAAHF	12	7
>ATM-A1945 AQSCAAHFT/	355	>ATM-A1945 TQSCAAHFT/	2203	1848
>ATM-A1945 AQSCAAHFT/	11	>ATM-A1945 TQSCAAHFT/	35	24
>ATM-A1945 AQSCAAHFT/	46	>ATM-A1945 TQSCAAHFT/	20	26
>ATM-A1945 AQSCAAHFT/	108	>ATM-A1945 TQSCAAHFT/	478	370
>ATM-A1945 VAQSCAAHF	213	>ATM-A1945 VTQSCAAHF	123	90
>ATM-A1945 VAQSCAAHF	11871	>ATM-A1945 VTQSCAAHF	339	11532
>ATM-A1945 VAQSCAAHF	144	>ATM-A1945 VTQSCAAHF	111	33
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>ATM-A1945 VAQSCAAHF	12	>ATM-A1945 VTQSCAAHF	4	8
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>ATM-A1945 VAQSCAAHF	102	>ATM-A1945 VTQSCAAHF	78	24
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>ATM-A1945 KVAQSCAAH	122	>ATM-A1945 KVTQSCAAH	249	127
>ATM-A1945 KVAQSCAAH	12	>ATM-A1945 KVTQSCAAH	17	5
>ATM-A1945 KVAQSCAAH	25	>ATM-A1945 KVTQSCAAH	41	16
>ATM-A1945 AKVAQSCA	413	>ATM-A1945 AKVTQSCA	295	118
>ATM-A1945 AKVAQSCAA	131	>ATM-A1945 AKVTQSCAA	110	21
>ATM-A1945 AKVAQSCAAI	120	>ATM-A1945 AKVTQSCAAI	100	20
>ATM-A1945 AKVAQSCAAI	5	>ATM-A1945 AKVTQSCAAI	4	1
>ATM-A1945 VAKVAQSCA/	187	>ATM-A1945 VAKVTQSCA/	207	20
>ATM-A1945 EVAKVAQS	90	>ATM-A1945 EVAKVTQS	101	11
>ATM-A1945 EVAKVAQSC	641	>ATM-A1945 EVAKVTQSC	210	431
>ATM-A1945 EVAKVAQSC/	462	>ATM-A1945 EVAKVTQSC/	196	266
>ATM-A1945 EVAKVAQSC/	18	>ATM-A1945 EVAKVTQSC/	15	3
>ATM-A1945 EVAKVAQSC/	77	>ATM-A1945 EVAKVTQSC/	72	5
>ATM-A1945 LEVAKVAQ	459	>ATM-A1945 LEVAKVTQ	607	148
>ATM-A1945 LEVAKVAQSC	520	>ATM-A1945 LEVAKVTQSC	330	190
>ATM-A1945 LEVAKVAQSC	195	>ATM-A1945 LEVAKVTQSC	203	8
>ATM-A1945 YLEVAKVAQS	663	>ATM-A1945 YLEVAKVTQS	491	172
>ATM-A1945 YLEVAKVA	47	>ATM-A1945 YLEVAKVT	436	389
>ATM-A1945 YLEVAKVAQ	228	>ATM-A1945 YLEVAKVTQ	67	161

>ATM-A1945 YLEVAKVAQS	318	>ATM-A1945 YLEVAKVTQS	354	36
>ATM-A1945 YLEVAKVAQS	27	>ATM-A1945 YLEVAKVTQS	18	9
>ATM-A2274 AIFQIKQYNS\	652	>ATM-A2274 TIFQIKQYNS\	449	203
>ATM-A2274 AIFQIKQYNS\	208	>ATM-A2274 TIFQIKQYNS\	533	325
>ATM-A2274 AIFQIKQYNS\	17	>ATM-A2274 TIFQIKQYNS\	33	16
>ATM-A2274 AIFQIKQYNS\	28	>ATM-A2274 TIFQIKQYNS\	57	29
>ATM-A2274 AIFQIKQYNS\	55	>ATM-A2274 TIFQIKQYNS\	147	92
>ATM-A2274 AIFQIKQYNS\	10	>ATM-A2274 TIFQIKQYNS\	34	24
>ATM-A2274 AIFQIKQYNS\	28	>ATM-A2274 TIFQIKQYNS\	82	54
>ATM-A2274 AIFQIKQYNS\	4	>ATM-A2274 TIFQIKQYNS\	9	5
>ATM-A2274 AIFQIKQY	204	>ATM-A2274 TIFQIKQY	100	104
>ATM-A2274 AIFQIKQY	333	>ATM-A2274 TIFQIKQY	536	203
>ATM-A2274 AIFQIKQY	3255	>ATM-A2274 TIFQIKQY	235	3020
>ATM-A2274 AIFQIKQYNS\	148	>ATM-A2274 TIFQIKQYNS\	13	135
>ATM-A2274 AIFQIKQYNS\	696	>ATM-A2274 TIFQIKQYNS\	40	656
>ATM-A2274 AIFQIKQY	255	>ATM-A2274 TIFQIKQY	600	345
>ATM-A2274 AIFQIKQY	854	>ATM-A2274 TIFQIKQY	438	416
>ATM-A2274 AIFQIKQY	105	>ATM-A2274 TIFQIKQY	510	405
>ATM-A2274 AIFQIKQY	218	>ATM-A2274 TIFQIKQY	935	717
>ATM-A2274 RAIFQIKQY	211	>ATM-A2274 RTIFQIKQY	7	204
>ATM-A2274 RAIFQIKQY	985	>ATM-A2274 RTIFQIKQY	135	850
>ATM-A2274 RAIFQIKQY	7650	>ATM-A2274 RTIFQIKQY	199	7451
>ATM-A2274 RAIFQIKQY	2825	>ATM-A2274 RTIFQIKQY	246	2579
>ATM-A2274 RAIFQIKQY	336	>ATM-A2274 RTIFQIKQY	247	89
>ATM-A2274 RAIFQIKQY	374	>ATM-A2274 RTIFQIKQY	565	191
>ATM-A2274 RAIFQIKQY	4	>ATM-A2274 RTIFQIKQY	3	1
>ATM-A2274 RAIFQIKQY	249	>ATM-A2274 RTIFQIKQY	147	102
>ATM-A2274 RAIFQIKQY	626	>ATM-A2274 RTIFQIKQY	448	178
>ATM-A2274 RAIFQIKQY	1074	>ATM-A2274 RTIFQIKQY	58	1016
>ATM-A2274 ERAIFQIKQY	200	>ATM-A2274 ERTIFQIKQY	155	45
>ATM-A2274 PERAIFQIKQ\	365	>ATM-A2274 PERTIFQIKQY	376	11
>ATM-A2274 PERAIFQI	108	>ATM-A2274 PERTIFQI	127	19
>ATM-A2274 LPERAIFQI	5	>ATM-A2274 LPERTIFQI	42	37
>ATM-A2274 LPERAIFQI	138	>ATM-A2274 LPERTIFQI	150	12
>ATM-A2274 LPERAIFQI	74	>ATM-A2274 LPERTIFQI	46	28
>ATM-A2274 LPERAIFQI	245	>ATM-A2274 LPERTIFQI	261	16
>ATM-A2274 LPERAIFQI	128	>ATM-A2274 LPERTIFQI	90	38
>ATM-A2274 QLPERAIFQI	235	>ATM-A2274 QLPERTIFQI	188	47
>ATM-A2274 QLPERAIFQI	14	>ATM-A2274 QLPERTIFQI	9	5
>ATM-A2274 QLPERAIFQI	128	>ATM-A2274 QLPERTIFQI	60	68
>ATM-A2274 QLPERAIFQI	57	>ATM-A2274 QLPERTIFQI	39	18
>ATM-A2274 QLPERAIFQI	96	>ATM-A2274 QLPERTIFQI	52	44
>ATM-A2274 QLPERAIFQ	746	>ATM-A2274 QLPERTIFQ	449	297

>ATM-A2274QLPERAIFQI	14	>ATM-A2274QLPERTIFQI	10	4
>ATM-A2274QLPERAIFQI	654	>ATM-A2274QLPERTIFQI	290	364
>ATM-A2274QLPERAIFQI	291	>ATM-A2274QLPERTIFQI	326	35
>ATM-A2274TQLPERAIFQI	326	>ATM-A2274TQLPERTIFQI	342	16
>ATM-A2274TQLPERAI	264	>ATM-A2274TQLPERTI	364	100
>ATM-A2274TQLPERAIFQI	31	>ATM-A2274TQLPERTIFQI	34	3
>ATM-A2274TQLPERAIF	311	>ATM-A2274TQLPERTIF	439	128
>ATM-A2274TQLPERAI	241	>ATM-A2274TQLPERTI	346	105
>ATM-A2274TQLPERAIF	7	>ATM-A2274TQLPERTIF	5	2
>ATM-A2274TQLPERAIFQI	682	>ATM-A2274TQLPERTIFQI	405	277
>ATM-A2274NTQLPERAIF	313	>ATM-A2274NTQLPERTIF	458	145
>ATM-A2274NTQLPERAIF	80	>ATM-A2274NTQLPERTIF	72	8
>ATM-A2274NTQLPERAI	790	>ATM-A2274NTQLPERTI	340	450
>ATM-A2274KNTQLPERAI	595	>ATM-A2274KNTQLPERTII	382	213
>ATM-A2274KNTQLPERAI	611	>ATM-A2274KNTQLPERTII	317	294
>ATM-A2274FKNTQLPERA	54	>ATM-A2274FKNTQLPERT	99	45
>ATM-A2420RAKEEVGLL	320	>ATM-A2420RPKEEVGLL	15602	15282
>ATM-A2420RAKEEVGLLR	171	>ATM-A2420RPKEEVGLLR	14477	14306
>ATM-A2420RAKEEVGLLR	127	>ATM-A2420RPKEEVGLLR	1108	981
>ATM-A2420RAKEEVGLLR	367	>ATM-A2420RPKEEVGLLR	7832	7465
>ATM-A2420RAKEEVGL	12290	>ATM-A2420RPKEEVGL	192	12098
>ATM-A2420RAKEEVGLL	15470	>ATM-A2420RPKEEVGLL	319	15151
>ATM-A2420RAKEEVGL	35	>ATM-A2420RPKEEVGL	14907	14872
>ATM-A2420RAKEEVGLL	81	>ATM-A2420RPKEEVGLL	15296	15215
>ATM-A2420RAKEEVGLLR	526	>ATM-A2420RPKEEVGLLR	390	136
>ATM-A2420KRAKEEVGL	492	>ATM-A2420KRPKEEVGL	1719	1227
>ATM-A2420KRAKEEVGL	278	>ATM-A2420KRPKEEVGL	2361	2083
>ATM-A2420KRAKEEVGLL	73	>ATM-A2420KRPKEEVGLL	305	232
>ATM-A2420KRAKEEVGLL	176	>ATM-A2420KRPKEEVGLL	1448	1272
>ATM-A2420KRAKEEVGL	151	>ATM-A2420KRPKEEVGL	318	167
>ATM-A2420KRAKEEVGLL	153	>ATM-A2420KRPKEEVGLL	119	34
>ATM-A2420KRAKEEVGLL	460	>ATM-A2420KRPKEEVGLL	1018	558
>ATM-A2420KRAKEEVGL	308	>ATM-A2420KRPKEEVGL	585	277
>ATM-A2420KRAKEEVGLL	140	>ATM-A2420KRPKEEVGLL	179	39
>ATM-A2420KRAKEEVGLL	79	>ATM-A2420KRPKEEVGLL	79	0
>ATM-A2420LKRAKEEV	248	>ATM-A2420LKRPEEV	244	4
>ATM-A2420LKRAKEEVGL	84	>ATM-A2420LKRPEEVGL	90	6
>ATM-A2420LKRAKEEVGL	521	>ATM-A2420LKRPEEVGL	469	52
>ATM-A2420LLKRAKEEV	231	>ATM-A2420LLKRPKEEV	1250	1019
>ATM-A2420LLKRAKEEVG	252	>ATM-A2420LLKRPKEEVG	759	507
>ATM-A2420LLKRAKEEV	110	>ATM-A2420LLKRPKEEV	415	305
>ATM-A2420LLKRAKEEV	88	>ATM-A2420LLKRPKEEV	29	59
>ATM-A2420LLKRAKEEV	370	>ATM-A2420LLKRPKEEV	1208	838

>ATM-A2420 LLKRAKEEV	4	>ATM-A2420 LLKRPKEEV	5	1
>ATM-A2420 LLKRAKEEVG	14	>ATM-A2420 LLKRPKEEVG	16	2
>ATM-A2420 ALLKRAKEEV	459	>ATM-A2420 ALLKRPKEEV	323	136
>ATM-A2420 ALLKRAKEEV	180	>ATM-A2420 ALLKRPKEEV	161	19
>ATM-A2420 ALLKRAKEEV	4	>ATM-A2420 ALLKRPKEEV	3	1
>ATM-A2420 ALLKRAKEEV	25	>ATM-A2420 ALLKRPKEEV	25	0
>ATM-A2420 ALLKRAKEEV	9	>ATM-A2420 ALLKRPKEEV	9	0
>ATM-A2420 ALLKRAKEEV	26	>ATM-A2420 ALLKRPKEEV	27	1
>ATM-A2420 ALLKRAKEEV	3	>ATM-A2420 ALLKRPKEEV	4	1
>ATM-A2420 QALLKRAK	821	>ATM-A2420 QALLKRPK	277	544
>ATM-A2420 QALLKRAKEE	832	>ATM-A2420 QALLKRPKEE	498	334
>ATM-A2420 KQALLKRAK	1105	>ATM-A2420 KQALLKRPK	329	776
>ATM-A2420 KQALLKRAK	384	>ATM-A2420 KQALLKRPK	153	231
>ATM-A2420 KQALLKRAK	867	>ATM-A2420 KQALLKRPK	331	536
>ATM-A2622 ALCDAYII	84	>ATM-A2622 VLCDAYII	109	25
>ATM-A2622 ALCDAYIIL	71	>ATM-A2622 VLCDAYIIL	94	23
>ATM-A2622 ALCDAYIILA	68	>ATM-A2622 VLCDAYIILA	78	10
>ATM-A2622 ALCDAYII	39	>ATM-A2622 VLCDAYII	75	36
>ATM-A2622 ALCDAYIIL	27	>ATM-A2622 VLCDAYIIL	52	25
>ATM-A2622 ALCDAYIILA	29	>ATM-A2622 VLCDAYIILA	54	25
>ATM-A2622 ALCDAYII	65	>ATM-A2622 VLCDAYII	104	39
>ATM-A2622 ALCDAYIIL	93	>ATM-A2622 VLCDAYIIL	177	84
>ATM-A2622 ALCDAYIILA	80	>ATM-A2622 VLCDAYIILA	161	81
>ATM-A2622 ALCDAYII	227	>ATM-A2622 VLCDAYII	298	71
>ATM-A2622 ALCDAYIIL	135	>ATM-A2622 VLCDAYIIL	214	79
>ATM-A2622 ALCDAYIILA	229	>ATM-A2622 VLCDAYIILA	312	83
>ATM-A2622 ALCDAYII	23	>ATM-A2622 VLCDAYII	19	4
>ATM-A2622 ALCDAYIIL	30	>ATM-A2622 VLCDAYIIL	24	6
>ATM-A2622 ALCDAYIILA	17	>ATM-A2622 VLCDAYIILA	14	3
>ATM-A2622 ALCDAYII	67	>ATM-A2622 VLCDAYII	58	9
>ATM-A2622 ALCDAYIIL	170	>ATM-A2622 VLCDAYIIL	169	1
>ATM-A2622 ALCDAYII	118	>ATM-A2622 VLCDAYII	107	11
>ATM-A2622 ALCDAYIIL	51	>ATM-A2622 VLCDAYIIL	49	2
>ATM-A2622 ALCDAYIILA	100	>ATM-A2622 VLCDAYIILA	93	7
>ATM-A2622 ALCDAYII	381	>ATM-A2622 VLCDAYII	106	275
>ATM-A2622 ALCDAYIIL	447	>ATM-A2622 VLCDAYIIL	125	322
>ATM-A2622 ALCDAYIILA	1186	>ATM-A2622 VLCDAYIILA	412	774
>ATM-A2622 ALCDAYII	9	>ATM-A2622 VLCDAYII	10	1
>ATM-A2622 ALCDAYIIL	3	>ATM-A2622 VLCDAYIIL	4	1
>ATM-A2622 ALCDAYIILA	5	>ATM-A2622 VLCDAYIILA	5	0
>ATM-A2622 EALCDAYI	3302	>ATM-A2622 EVLCDAYI	491	2811
>ATM-A2622 EALCDAYI	5950	>ATM-A2622 EVLCDAYI	389	5561
>ATM-A2622 EALCDAYIIL	5001	>ATM-A2622 EVLCDAYIIL	190	4811

>ATM-A2622 EALCDAYI	41	>ATM-A2622 EVLCDAYI	13	28
>ATM-A2622 EALCDAYII	330	>ATM-A2622 EVLCDAYII	61	269
>ATM-A2622 EALCDAYIILA	326	>ATM-A2622 EVLCDAYIILA	59	267
>ATM-A2622 EALCDAYI	21	>ATM-A2622 EVLCDAYI	10	11
>ATM-A2622 EALCDAYII	35	>ATM-A2622 EVLCDAYII	15	20
>ATM-A2622 EALCDAYIIL	43	>ATM-A2622 EVLCDAYIIL	18	25
>ATM-A2622 EALCDAYIILA	55	>ATM-A2622 EVLCDAYIILA	21	34
>ATM-A2622 RRPQMVRVS	1094	>ATM-A2622 RRPQMVRVS	384	710
>ATM-A2622 RRPQMVRVS	254	>ATM-A2622 RRPQMVRVS	75	179
>ATM-A2622 RRPQMVRVS	230	>ATM-A2622 RRPQMVRVS	37	193
>ATM-A2622 VEALCDAYI	23	>ATM-A2622 VEVLCDAYI	71	48
>ATM-A2622 VEALCDAYII	24	>ATM-A2622 VEVLCDAYII	62	38
>ATM-A2622 VEALCDAYIIL	482	>ATM-A2622 VEVLCDAYIIL	1564	1082
>ATM-A2622 VEALCDAY	60	>ATM-A2622 VEVLCDAY	30	30
>ATM-A2622 VEALCDAYIIL	334	>ATM-A2622 VEVLCDAYIIL	159	175
>ATM-A2622 VEALCDAYI	538	>ATM-A2622 VEVLCDAYI	353	185
>ATM-A2622 VEALCDAYIIL	24	>ATM-A2622 VEVLCDAYIIL	20	4
>ATM-A2622 VEALCDAYII	171	>ATM-A2622 VEVLCDAYII	167	4
>ATM-A2622 VEALCDAYIIL	494	>ATM-A2622 VEVLCDAYIIL	196	298
>ATM-A2622 VEALCDAY	379	>ATM-A2622 VEVLCDAY	185	194
>ATM-A2622 VEALCDAYI	35	>ATM-A2622 VEVLCDAYI	26	9
>ATM-A2622 VEALCDAYII	38	>ATM-A2622 VEVLCDAYII	36	2
>ATM-A2622 VEALCDAYIIL	91	>ATM-A2622 VEVLCDAYIIL	65	26
>ATM-A2622 SVEALCDAYI	401	>ATM-A2622 SVEVLCDAYI	830	429
>ATM-A2622 SVEALCDAYI	466	>ATM-A2622 SVEVLCDAYI	548	82
>ATM-A2622 SVEALCDAY	189	>ATM-A2622 SVEVLCDAY	195	6
>ATM-A2622 SVEALCDAYI	288	>ATM-A2622 SVEVLCDAYI	1947	1659
>ATM-A2622 SVEALCDAY	144	>ATM-A2622 SVEVLCDAY	267	123
>ATM-A2622 SVEALCDAY	201	>ATM-A2622 SVEVLCDAY	222	21
>ATM-A2622 SVEALCDAY	259	>ATM-A2622 SVEVLCDAY	683	424
>ATM-A2622 SVEALCDAY	453	>ATM-A2622 SVEVLCDAY	461	8
>ATM-A2622 RSVEALCDAY	171	>ATM-A2622 RSVEVLCDAY	145	26
>ATM-A2622 RSVEALCDAY	51	>ATM-A2622 RSVEVLCDAY	101	50
>ATM-A2622 RSVEALCDAY	349	>ATM-A2622 RSVEVLCDAY	857	508
>ATM-A2622 RSVEALCDAY	48	>ATM-A2622 RSVEVLCDAY	45	3
>ATM-A2622 RSVEALCDAY	86	>ATM-A2622 RSVEVLCDAY	121	35
>ATM-A2622 RSVEALCDAY	157	>ATM-A2622 RSVEVLCDAY	253	96
>ATM-A2622 RSVEALCDAY	6	>ATM-A2622 RSVEVLCDAY	10	4
>ATM-A2622 RSVEALCDAY	13	>ATM-A2622 RSVEVLCDAY	24	11
>ATM-A2622 RSVEALCDAY	122	>ATM-A2622 RSVEVLCDAY	63	59
>ATM-A2622 RSVEALCDAY	26	>ATM-A2622 RSVEVLCDAY	18	8
>ATM-A2622 RSVEALCDAY	245	>ATM-A2622 RSVEVLCDAY	283	38
>ATM-A2622 RSVEALCDAY	30	>ATM-A2622 RSVEVLCDAY	34	4



>ATM-A2622 VRSVEALCDA	278	>ATM-A2622 VRSVEVLCDA	229	49
>ATM-A2622 MVRVSVEAL	487	>ATM-A2622 MVRVSVEVL	1405	918
>ATM-A2622 MVRVSVEAL	449	>ATM-A2622 MVRVSVEVL	1286	837
>ATM-A2622 MVRVSVEAL	82	>ATM-A2622 MVRVSVEVL	142	60
>ATM-A2622 MVRVSVEALC	496	>ATM-A2622 MVRVSVEVLC	891	395
>ATM-A2622 MVRVSVEALCI	18	>ATM-A2622 MVRVSVEVLCI	28	10
>ATM-A2622 MVRVSVEAL	283	>ATM-A2622 MVRVSVEVL	675	392
>ATM-A2622 MVRVSVEAL	75	>ATM-A2622 MVRVSVEVL	262	187
>ATM-A2622 QMVRVSVEA	2575	>ATM-A2622 QMVRVSVEV	216	2359
>ATM-A2622 QMVRVSVEA	274	>ATM-A2622 QMVRVSVEV	30	244
>ATM-A2622 QMVRVSVEAL	30	>ATM-A2622 QMVRVSVEVL	131	101
>ATM-A2622 QMVRVSVEA	157	>ATM-A2622 QMVRVSVEV	21	136
>ATM-A2622 QMVRVSVEAL	83	>ATM-A2622 QMVRVSVEVL	273	190
>ATM-A2622 QMVRVSVEA	325	>ATM-A2622 QMVRVSVEV	28	297
>ATM-A2622 QMVRVSVEAL	151	>ATM-A2622 QMVRVSVEVL	1013	862
>ATM-A2622 QMVRVSVEA	327	>ATM-A2622 QMVRVSVEV	7	320
>ATM-A2622 QMVRVSVEAL	36	>ATM-A2622 QMVRVSVEVL	90	54
>ATM-A2622 QMVRVSVEA	1180	>ATM-A2622 QMVRVSVEV	16	1164
>ATM-A2622 QMVRVSVEAL	116	>ATM-A2622 QMVRVSVEVL	290	174
>ATM-A2622 QMVRVSVEA	2281	>ATM-A2622 QMVRVSVEV	36	2245
>ATM-A2622 QMVRVSVEA	5971	>ATM-A2622 QMVRVSVEV	71	5900
>ATM-A2622 QMVRVSVEA	106	>ATM-A2622 QMVRVSVEV	4	102
>ATM-A2622 QMVRVSVEAL	69	>ATM-A2622 QMVRVSVEVL	80	11
>ATM-A2622 QMVRVSVEAL	227	>ATM-A2622 QMVRVSVEVL	435	208
>ATM-A2622 QMVRVSVEA	4220	>ATM-A2622 QMVRVSVEV	460	3760
>ATM-A2622 QMVRVSVEAL	161	>ATM-A2622 QMVRVSVEVL	158	3
>ATM-A2622 QMVRVSVEA	504	>ATM-A2622 QMVRVSVEV	107	397
>ATM-A2622 QMVRVSVEAL	21	>ATM-A2622 QMVRVSVEVL	31	10
>ATM-A2622 QMVRVSVEAL	459	>ATM-A2622 QMVRVSVEVL	661	202
>ATM-A2622 PQMVRVSVEA	1627	>ATM-A2622 PQMVRVSVEV	152	1475
>ATM-A2622 PQMVRVSVEA	1688	>ATM-A2622 PQMVRVSVEV	499	1189
>ATM-A2622 PQMVRVSVEA	100	>ATM-A2622 PQMVRVSVEV	179	79
>ATM-A2622 RPQMVRVSVE	100	>ATM-A2622 RPQMVRVSVE	25	75
>ATM-A2622 RPQMVRVSVE	10	>ATM-A2622 RPQMVRVSVE	17	7
>ATM-A2622 RPQMVRVSVE	50	>ATM-A2622 RPQMVRVSVE	126	76
>ATM-A2622 RPQMVRVSVE	161	>ATM-A2622 RPQMVRVSVE	501	340
>ATM-A3006 AERVLMRLQI	284	>ATM-A3006 PERVLMRLQI	5112	4828
>ATM-A3006 AERVLMRL	47	>ATM-A3006 PERVLMRL	1962	1915
>ATM-A3006 AERVLMRL	398	>ATM-A3006 PERVLMRL	20301	19903
>ATM-A3006 VAERVLMR	387	>ATM-A3006 VPERVLMR	5591	5204
>ATM-A3006 VAERVLMRL	21839	>ATM-A3006 VPERVLMRL	492	21347
>ATM-A3006 KVAERVLMRI	117	>ATM-A3006 KVPERVLMRI	415	298
>ATM-A3006 KVAERVLMRI	490	>ATM-A3006 KVPERVLMRI	1184	694

>ATM-A3006 KVAERVLM	271	>ATM-A3006 KVPERVLM	837	566
>ATM-A3006 KVAERVLMRI	423	>ATM-A3006 KVPERVLMRI	424	1
>ATM-A3006 KVAERVLMRI	140	>ATM-A3006 KVPERVLMRI	223	83
>ATM-A3006 KVAERVLMRI	375	>ATM-A3006 KVPERVLMRI	1226	851
>ATM-A3006 KVAERVLMRI	109	>ATM-A3006 KVPERVLMRI	319	210
>ATM-A3006 KVAERVLMR	96	>ATM-A3006 KVPERVLMR	562	466
>ATM-A3006 KVAERVLMR	63	>ATM-A3006 KVPERVLMR	543	480
>ATM-A3006 KVAERVLMR	55	>ATM-A3006 KVPERVLMR	254	199
>ATM-A3006 KVAERVLMRI	249	>ATM-A3006 KVPERVLMRI	274	25
>ATM-A3006 KVAERVLMR	156	>ATM-A3006 KVPERVLMR	1577	1421
>ATM-A3006 KVAERVLMRI	256	>ATM-A3006 KVPERVLMRI	3763	3507
>ATM-A3006 KVAERVLMRI	342	>ATM-A3006 KVPERVLMRI	14216	13874
>ATM-A3006 KVAERVLM	4768	>ATM-A3006 KVPERVLM	75	4693
>ATM-A3006 KVAERVLMRI	9830	>ATM-A3006 KVPERVLMRI	131	9699
>ATM-A3006 KVAERVLMR	101	>ATM-A3006 KVPERVLMR	98	3
>ATM-A3006 FDKVAERV	338	>ATM-A3006 FDKVPERV	1123	785
>ATM-A3006 SFDKVAERV	593	>ATM-A3006 SFDKVPERV	211	382
>ATM-A3006 SFDKVAER	276	>ATM-A3006 SFDKVPER	539	263
>ATM-A3006 QSFDKVAERV	422	>ATM-A3006 QSFDKVPERV	512	90
>ATM-A3006 QSFDKVAERV	487	>ATM-A3006 QSFDKVPERV	278	209
>ATM-A3006 QSFDKVAER	535	>ATM-A3006 QSFDKVPER	410	125
>ATM-A3006 QSFDKVAER	24	>ATM-A3006 QSFDKVPER	71	47
>ATM-A3006 QSFDKVAER	179	>ATM-A3006 QSFDKVPER	1123	944
>ATM-A3006 QSFDKVAER	8	>ATM-A3006 QSFDKVPER	16	8
>ATM-A3006 QSFDKVAERV	135	>ATM-A3006 QSFDKVPERV	1547	1412
>ATM-A3006 QSFDKVAERV	421	>ATM-A3006 QSFDKVPERV	486	65
>ATM-A3006 QSFDKVAERV	163	>ATM-A3006 QSFDKVPERV	395	232
>ATM-A3006 QSFDKVAERV	18	>ATM-A3006 QSFDKVPERV	18	0
>ATM-A3006 QSFDKVAER	295	>ATM-A3006 QSFDKVPER	143	152
>ATM-A3006 DQSFDKVAEF	407	>ATM-A3006 DQSFDKVPEF	1806	1399
>ATM-A3006 DQSFDKVAEF	216	>ATM-A3006 DQSFDKVPEF	1073	857
>ATM-A3006 AERVLMRLQI	284	>ATM-A3006 VERVLMRLQI	2439	2155
>ATM-A3006 AERVLMRL	47	>ATM-A3006 VERVLMRL	196	149
>ATM-A3006 AERVLMRL	398	>ATM-A3006 VERVLMRL	8981	8583
>ATM-A3006 VAERVLMR	841	>ATM-A3006 VVERVLMR	432	409
>ATM-A3006 VAERVLMR	387	>ATM-A3006 VVERVLMR	302	85
>ATM-A3006 SDIDQSFDKV	2211	>ATM-A3006 SDIDQSFDKV	76	2135
>ATM-A3006 KVAERVLMRI	117	>ATM-A3006 KVVERVLMRI	286	169
>ATM-A3006 KVAERVLMRI	490	>ATM-A3006 KVVERVLMRI	558	68
>ATM-A3006 KVAERVLM	271	>ATM-A3006 KVVERVLM	200	71
>ATM-A3006 KVAERVLMRI	423	>ATM-A3006 KVVERVLMRI	203	220
>ATM-A3006 KVAERVLMRI	140	>ATM-A3006 KVVERVLMRI	188	48
>ATM-A3006 KVAERVLMRI	375	>ATM-A3006 KVVERVLMRI	1587	1212

>ATM-A3006 KVAERVLMRI	109	>ATM-A3006 KVVERVLMRI	259	150
>ATM-A3006 KVAERVLMR	96	>ATM-A3006 KVVERVLMR	279	183
>ATM-A3006 KVAERVLMR	63	>ATM-A3006 KVVERVLMR	106	43
>ATM-A3006 KVAERVLMR	55	>ATM-A3006 KVVERVLMR	55	0
>ATM-A3006 KVAERVLMRI	249	>ATM-A3006 KVVERVLMRI	322	73
>ATM-A3006 KVAERVLMR	156	>ATM-A3006 KVVERVLMR	304	148
>ATM-A3006 KVAERVLM	761	>ATM-A3006 KVVERVLM	249	512
>ATM-A3006 KVAERVLMRI	256	>ATM-A3006 KVVERVLMRI	92	164
>ATM-A3006 KVAERVLMRI	342	>ATM-A3006 KVVERVLMRI	617	275
>ATM-A3006 KVAERVLMR	101	>ATM-A3006 KVVERVLMR	86	15
>ATM-A3006 FDKVAERV	338	>ATM-A3006 FDKVVERV	682	344
>ATM-A3006 SFDKVAERV	593	>ATM-A3006 SFDKVVERV	134	459
>ATM-A3006 SFDKVAERV	622	>ATM-A3006 SFDKVVERV	130	492
>ATM-A3006 SFDKVAER	276	>ATM-A3006 SFDKVVER	223	53
>ATM-A3006 SFDKVAER	893	>ATM-A3006 SFDKVVER	387	506
>ATM-A3006 QSFDKVAER\	422	>ATM-A3006 QSFDKVVER\	574	152
>ATM-A3006 QSFDKVAER\	487	>ATM-A3006 QSFDKVVER\	238	249
>ATM-A3006 QSFDKVAER	535	>ATM-A3006 QSFDKVVER	320	215
>ATM-A3006 QSFDKVAER	24	>ATM-A3006 QSFDKVVER	33	9
>ATM-A3006 QSFDKVAER\	1064	>ATM-A3006 QSFDKVVER\	392	672
>ATM-A3006 QSFDKVAER	179	>ATM-A3006 QSFDKVVER	315	136
>ATM-A3006 QSFDKVAER	8	>ATM-A3006 QSFDKVVER	8	0
>ATM-A3006 QSFDKVAER\	135	>ATM-A3006 QSFDKVVER\	171	36
>ATM-A3006 QSFDKVAER\	421	>ATM-A3006 QSFDKVVER\	597	176
>ATM-A3006 QSFDKVAER\	163	>ATM-A3006 QSFDKVVER\	302	139
>ATM-A3006 QSFDKVAER\	18	>ATM-A3006 QSFDKVVER\	34	16
>ATM-A3006 QSFDKVAER	295	>ATM-A3006 QSFDKVVER	114	181
>ATM-A3006 QSFDKVAER	516	>ATM-A3006 QSFDKVVER	228	288
>ATM-A3006 DQSFDKVAEF	407	>ATM-A3006 DQSFDKVVEF	553	146
>ATM-A3006 DQSFDKVAEF	216	>ATM-A3006 DQSFDKVVEF	296	80
>ATM-A3006 IDQSFDKVA	10290	>ATM-A3006 IDQSFDKVV	439	9851
>ATM-A350T ADICHQVF	201	>ATM-A350T TDICHQVF	814	613
>ATM-A350T MADICHQVF	9981	>ATM-A350T MTDICHQVF	393	9588
>ATM-A350T MADICHQV	1049	>ATM-A350T MTDICHQV	372	677
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>ATM-A350T MADICHQV	213	>ATM-A350T MTDICHQV	135	78
>ATM-A350T MADICHQV	149	>ATM-A350T MTDICHQV	46	103
>ATM-A350T MADICHQV	885	>ATM-A350T MTDICHQV	190	695
>ATM-A350T MADICHQV	49	>ATM-A350T MTDICHQV	39	10
>ATM-A350T MADICHQV	298	>ATM-A350T MTDICHQV	40	258
>ATM-A350T MADICHQV	67	>ATM-A350T MTDICHQV	16	51
>ATM-A350T MADICHQVF	373	>ATM-A350T MTDICHQVF	517	144
>ATM-A350T MADICHQV	2595	>ATM-A350T MTDICHQV	362	2233

>ATM-A350T MADICHQVF	19	>ATM-A350T MTDICHQVF	4	15
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>ATM-A350T MADICHQVF	783	>ATM-A350T MTDICHQVF	455	328
>ATM-A350T MADICHQVF	214	>ATM-A350T MTDICHQVF	168	46
>ATM-A350T MADICHQVF	3519	>ATM-A350T MTDICHQVF	385	3134
>ATM-A350T MADICHQVF	523	>ATM-A350T MTDICHQVF	28	495
>ATM-A350T AVKENLIELM	68	>ATM-A350T AVKENLIELM	1694	1626
>ATM-A350T LMADICHQV	8	>ATM-A350T LMTDICHQV	11	3
>ATM-A350T LMADICHQ	55	>ATM-A350T LMTDICHQ	461	406
>ATM-A350T LMADICHQV	2	>ATM-A350T LMTDICHQV	3	1
>ATM-A350T LMADICHQV	68	>ATM-A350T LMTDICHQV	556	488
>ATM-A350T LMADICHQV	2	>ATM-A350T LMTDICHQV	5	3
>ATM-A350T LMADICHQV	6	>ATM-A350T LMTDICHQV	9	3
>ATM-A350T LMADICHQ	401	>ATM-A350T LMTDICHQ	995	594
>ATM-A350T LMADICHQV	2	>ATM-A350T LMTDICHQV	2	0
>ATM-A350T LMADICHQV	4	>ATM-A350T LMTDICHQV	5	1
>ATM-A350T LMADICHQ	213	>ATM-A350T LMTDICHQ	523	310
>ATM-A350T LMADICHQV	5	>ATM-A350T LMTDICHQV	5	0
>ATM-A350T LMADICHQV	2	>ATM-A350T LMTDICHQV	2	0
>ATM-A350T LMADICHQ	7	>ATM-A350T LMTDICHQ	8	1
>ATM-A350T LMADICHQV	1	>ATM-A350T LMTDICHQV	1	0
>ATM-A350T LMADICHQV	185	>ATM-A350T LMTDICHQV	216	31
>ATM-A350T LMADICHQV	492	>ATM-A350T LMTDICHQV	587	95
>ATM-A350T LMADICHQV	62	>ATM-A350T LMTDICHQV	346	284
>ATM-A350T LMADICHQV	29	>ATM-A350T LMTDICHQV	170	141
>ATM-A350T LMADICHQV	27	>ATM-A350T LMTDICHQV	70	43
>ATM-A350T LMADICHQV	10	>ATM-A350T LMTDICHQV	20	10
>ATM-A350T LMADICHQV	235	>ATM-A350T LMTDICHQV	520	285
>ATM-A350T ELMADICHQ	51	>ATM-A350T ELMTDICHQ	72	21
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>ATM-A350T ELMADICHQ	28	>ATM-A350T ELMTDICHQ	39	11
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>ATM-A350T ELMADICHQ	4	>ATM-A350T ELMTDICHQ	7	3
>ATM-A350T ELMADICHQ	11	>ATM-A350T ELMTDICHQ	12	1
>ATM-A350T ELMADICHQ	9	>ATM-A350T ELMTDICHQ	13	4
>ATM-A350T ELMADICHQ	2	>ATM-A350T ELMTDICHQ	2	0
>ATM-A350T ELMADICHQ	141	>ATM-A350T ELMTDICHQ	325	184
>ATM-A350T ELMADICHQ	2	>ATM-A350T ELMTDICHQ	2	0
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>ATM-A350T ELMADICHQ	26	>ATM-A350T ELMTDICHQ	45	19
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>ATM-A350T ELMADICHQ	66	>ATM-A350T ELMTDICHQ	113	47
>ATM-A350T ELMADICHQ	372	>ATM-A350T ELMTDICHQ	1097	725

>ATM-A350T ELMADICHQ\	69	>ATM-A350T ELMTDICHQ\	58	11
>ATM-A350T IELMADIC	319	>ATM-A350T IELMTDIC	1276	957
>ATM-A350T IELMADICHQ	23	>ATM-A350T IELMTDICHQ	22	1
>ATM-A350T IELMADICH	346	>ATM-A350T IELMTDICH	667	321
>ATM-A350T IELMADICHQ	148	>ATM-A350T IELMTDICHQ	231	83
>ATM-A350T IELMADICHQ	234	>ATM-A350T IELMTDICHQ	326	92
>ATM-A350T IELMADICHQ	256	>ATM-A350T IELMTDICHQ	292	36
>ATM-A350T IELMADICHQ	20	>ATM-A350T IELMTDICHQ	29	9
>ATM-A350T NLIELMADI	71	>ATM-A350T NLIELMTDI	142	71
>ATM-A350T NLIELMADI	43	>ATM-A350T NLIELMTDI	43	0
>ATM-A350T NLIELMADI	9	>ATM-A350T NLIELMTDI	8	1
>ATM-A350T NLIELMADI	59	>ATM-A350T NLIELMTDI	68	9
>ATM-A350T NLIELMADI	96	>ATM-A350T NLIELMTDI	271	175
>ATM-A350T NLIELMADI	31	>ATM-A350T NLIELMTDI	126	95
>ATM-A350T NLIELMADI	547	>ATM-A350T NLIELMTDI	449	98
>ATM-A350T NLIELMADI	159	>ATM-A350T NLIELMTDI	243	84
>ATM-A350T NLIELMADI	227	>ATM-A350T NLIELMTDI	500	273
>ATM-A350T NLIELMADI	141	>ATM-A350T NLIELMTDI	381	240
>ATM-A350T KENLIELMAD	22	>ATM-A350T KENLIELMTD	24	2
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>ATM-A350T KENLIELMA	48	>ATM-A350T KENLIELMT	52	4
>ATM-A350T KENLIELMAD	127	>ATM-A350T KENLIELMTD	48	79
>ATM-A350T KENLIELMA	62	>ATM-A350T KENLIELMT	434	372
>ATM-A350T KENLIELMAD	13	>ATM-A350T KENLIELMTD	12	1
>ATM-C2349 CLENPAVI	834	>ATM-C2349 WLENPAVI	52	782
>ATM-C2349 CLENPAVI	506	>ATM-C2349 WLENPAVI	87	419
>ATM-C2349 CLENPAVI	525	>ATM-C2349 WLENPAVI	46	479
>ATM-C2349 CLENPAVIMC	4184	>ATM-C2349 WLENPAVIM	417	3767
>ATM-C2349 CLENPAVIMC	1194	>ATM-C2349 WLENPAVIM	65	1129
>ATM-C2349 CLENPAVIM	4514	>ATM-C2349 WLENPAVIM	365	4149
>ATM-C2349 CLENPAVIM	3365	>ATM-C2349 WLENPAVIM	121	3244
>ATM-C2349 TCLENPAVI	313	>ATM-C2349 TWLENPAVI	8334	8021
>ATM-C2349 TCLENPAV	123	>ATM-C2349 TWLENPAV	570	447
>ATM-C2349 TCLENPAVI	7845	>ATM-C2349 TWLENPAVI	76	7769
>ATM-C2349 TCLENPAVI	10013	>ATM-C2349 TWLENPAVI	211	9802
>ATM-C2349 TCLENPAVI	19493	>ATM-C2349 TWLENPAVI	253	19240
>ATM-C2349 TCLENPAV	24	>ATM-C2349 TWLENPAV	508	484
>ATM-C2349 TCLENPAV	32903	>ATM-C2349 TWLENPAV	83	32820
>ATM-C2349 TCLENPAVI	36829	>ATM-C2349 TWLENPAVI	172	36657
>ATM-C2349 TCLENPAVIM	38371	>ATM-C2349 TWLENPAVIM	444	37927
>ATM-C2349 RVCGNWLAE	565	>ATM-C2349 RVCGNWLAE	30	535
>ATM-C2349 RVCGNWLAE	11995	>ATM-C2349 RVCGNWLAE	26	11969
>ATM-C2349 RVCGNWLAE	21291	>ATM-C2349 RVCGNWLAE	134	21157

>ATM-C2349 RVCGNWLAE	17017	>ATM-C2349 RVCGNWLAE	19	16998
>ATM-C2349 ETCLENPAV	340	>ATM-C2349 ETWLENPAV	1574	1234
>ATM-C2349 ETCLENPAVI	304	>ATM-C2349 ETWLENPAVI	1201	897
>ATM-C2349 ETCLENPAVII	24	>ATM-C2349 ETWLENPAVI	103	79
>ATM-C2349 ETCLENPAVII	212	>ATM-C2349 ETWLENPAVI	430	218
>ATM-C2349 ETCLENPAVI	4136	>ATM-C2349 ETWLENPAVI	460	3676
>ATM-C2349 ETCLENPA	227	>ATM-C2349 ETWLENPA	83	144
>ATM-C2349 ETCLENPAV	606	>ATM-C2349 ETWLENPAV	158	448
>ATM-C2349 ETCLENPA	3160	>ATM-C2349 ETWLENPA	51	3109
>ATM-C2349 ETCLENPAV	35	>ATM-C2349 ETWLENPAV	4	31
>ATM-C2349 ETCLENPAVI	950	>ATM-C2349 ETWLENPAVI	18	932
>ATM-C2349 ETCLENPAVII	2031	>ATM-C2349 ETWLENPAVI	43	1988
>ATM-C2349 ETCLENPAVI	1708	>ATM-C2349 ETWLENPAVI	420	1288
>ATM-C2349 ETCLENPAVII	444	>ATM-C2349 ETWLENPAVI	92	352
>ATM-C2349 ETCLENPAVII	3657	>ATM-C2349 ETWLENPAVI	440	3217
>ATM-C2349 ETCLENPAVI	51	>ATM-C2349 ETWLENPAVI	33	18
>ATM-C2349 AETCLENPAV	271	>ATM-C2349 AETWLENPA'	239	32
>ATM-C2349 AETCLENPAV	352	>ATM-C2349 AETWLENPA'	637	285
>ATM-C2349 AETCLENPAV	79	>ATM-C2349 AETWLENPA'	28	51
>ATM-C2349 AETCLENPA	90	>ATM-C2349 AETWLENPA	87	3
>ATM-C2349 AETCLENPAV	748	>ATM-C2349 AETWLENPA'	162	586
>ATM-C2349 AETCLENPAV	499	>ATM-C2349 AETWLENPA'	267	232
>ATM-C2349 AETCLENPAV	285	>ATM-C2349 AETWLENPA'	170	115
>ATM-C2349 AETCLENPAV	808	>ATM-C2349 AETWLENPA'	439	369
>ATM-C2349 AETCLENPA	12	>ATM-C2349 AETWLENPA	6	6
>ATM-C2349 AETCLENPAV	392	>ATM-C2349 AETWLENPA'	114	278
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>ATM-C2349 AETCLENPAV	42	>ATM-C2349 AETWLENPA'	62	20
>ATM-C2349 AETCLENPAV	15	>ATM-C2349 AETWLENPA'	12	3
>ATM-C2349 LAETCLENPA'	574	>ATM-C2349 LAETWLENP/	311	263
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>ATM-C2349 WLAETCLENF	64	>ATM-C2349 WLAETWLEN	54	10
>ATM-C2349 WLAETCLE	1073	>ATM-C2349 WLAETWLE	390	683
>ATM-C2349 WLAETCLENF	11	>ATM-C2349 WLAETWLEN	13	2
>ATM-C2349 WLAETCLENF	10	>ATM-C2349 WLAETWLEN	11	1
>ATM-C2349 WLAETCLENF	26	>ATM-C2349 WLAETWLEN	18	8
>ATM-C2349 WLAETCLENF	35	>ATM-C2349 WLAETWLEN	14	21
>ATM-C2349 WLAETCLENF	82	>ATM-C2349 WLAETWLEN	83	1
>ATM-C2349 WLAETCLENF	27	>ATM-C2349 WLAETWLEN	16	11
>ATM-C2349 WLAETCLENF	97	>ATM-C2349 WLAETWLEN	88	9
>ATM-C2349 WLAETCLE	888	>ATM-C2349 WLAETWLE	393	495
>ATM-C2349 WLAETCLENF	16	>ATM-C2349 WLAETWLEN	11	5
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>ATM-C2349 NWLAETCL	979	>ATM-C2349 NWLAETWL	110	869
>ATM-C2349 NWLAETCLE	1051	>ATM-C2349 NWLAETWLE	462	589
>ATM-C2349 NWLAETCL	304	>ATM-C2349 NWLAETWL	214	90
>ATM-C2349 NWLAETCLE	1199	>ATM-C2349 NWLAETWLE	362	837
>ATM-C2349 NWLAETCLEP	1110	>ATM-C2349 NWLAETWLE	382	728
>ATM-C2349 CGNWAETC	30904	>ATM-C2349 CGNWAETM	353	30551
>ATM-C2349 CGNWAETC	18329	>ATM-C2349 CGNWAETM	19	18310
>ATM-C2349 CGNWAETC	35680	>ATM-C2349 CGNWAETM	313	35367
>ATM-C540Y CCLTLALTTSI	1535	>ATM-C540Y YCLTLALTTSI	304	1231
>ATM-C540Y CCLTLALTTSI	9349	>ATM-C540Y YCLTLALTTSI	428	8921
>ATM-C540Y CCLTLALTTSI	4704	>ATM-C540Y YCLTLALTTSI	271	4433
>ATM-C540Y CCLTLALTTSI	151	>ATM-C540Y YCLTLALTTSI	867	716
>ATM-C540Y VCCLTLAL	27726	>ATM-C540Y VYCLTLAL	221	27505
>ATM-C540Y VCCLTLAL	20904	>ATM-C540Y VYCLTLAL	34	20870
>ATM-C540Y VCCLTLAL	5968	>ATM-C540Y VYCLTLAL	239	5729
>ATM-C540Y SACRPSCPAV	27760	>ATM-C540Y SACRPSCPAV	415	27345
>ATM-C540Y SACRPSCPAV	15321	>ATM-C540Y SACRPSCPAV	114	15207
>ATM-C540Y SACRPSCPAV	10409	>ATM-C540Y SACRPSCPAV	311	10098
>ATM-C540Y SACRPSCPAV	17676	>ATM-C540Y SACRPSCPAV	89	17587
>ATM-C540Y SACRPSCPAV	17555	>ATM-C540Y SACRPSCPAV	264	17291
>ATM-C540Y SACRPSCPAV	19623	>ATM-C540Y SACRPSCPAV	223	19400
>ATM-C540Y AVCCLTAL	8038	>ATM-C540Y AVYCLTLAL	154	7884
>ATM-C540Y AVCCLTAL	3554	>ATM-C540Y AVYCLTLA	280	3274
>ATM-C540Y AVCCLTAL	1568	>ATM-C540Y AVYCLTLAL	112	1456
>ATM-C540Y AVCCLTAL	1728	>ATM-C540Y AVYCLTLA	208	1520
>ATM-C540Y AVCCLTAL	749	>ATM-C540Y AVYCLTLAL	126	623
>ATM-C540Y AVCCLTALT	2000	>ATM-C540Y AVYCLTLALT	432	1568
>ATM-C540Y AVCCLTAL	404	>ATM-C540Y AVYCLTLA	24	380
>ATM-C540Y AVCCLTAL	996	>ATM-C540Y AVYCLTLAL	68	928
>ATM-C540Y AVCCLTALT	714	>ATM-C540Y AVYCLTLALT	165	549
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>ATM-C540Y AVCCLTAL	220	>ATM-C540Y AVYCLTLAL	46	174
>ATM-C540Y AVCCLTALT	1355	>ATM-C540Y AVYCLTLALT	496	859
>ATM-C540Y AVCCLTAL	1434	>ATM-C540Y AVYCLTLAL	86	1348
>ATM-C540Y AVCCLTAL	5999	>ATM-C540Y AVYCLTLAL	254	5745
>ATM-C540Y AVCCLTAL	65	>ATM-C540Y AVYCLTLAL	15	50
>ATM-C540Y AVCCLTALT	1854	>ATM-C540Y AVYCLTLALT	227	1627
>ATM-C540Y AVCCLTAL	5654	>ATM-C540Y AVYCLTLAL	204	5450
>ATM-C540Y AVCCLTAL	4605	>ATM-C540Y AVYCLTLAL	175	4430
>ATM-C540Y AVCCLTAL	700	>ATM-C540Y AVYCLTLAL	203	497
>ATM-C540Y AVCCLTAL	2683	>ATM-C540Y AVYCLTLAL	272	2411
>ATM-C540Y AVCCLTAL	3219	>ATM-C540Y AVYCLTLAL	301	2918
>ATM-C540Y AVCCLTAL	2542	>ATM-C540Y AVYCLTLAL	460	2082

>ATM-C540Y CPAVCCLTL	59	>ATM-C540Y CPAVYCLTL	83	24
>ATM-C540Y CPAVCCLTLA	19	>ATM-C540Y CPAVYCLTLA	21	2
>ATM-C540Y CPAVCCLTL	78	>ATM-C540Y CPAVYCLTL	126	48
>ATM-C540Y CPAVCCLTLA	26	>ATM-C540Y CPAVYCLTLA	32	6
>ATM-C540Y CPAVCCLTLA	302	>ATM-C540Y CPAVYCLTLA	176	126
>ATM-C540Y CPAVCCLTL	128	>ATM-C540Y CPAVYCLTL	334	206
>ATM-C540Y CPAVCCLTLA	151	>ATM-C540Y CPAVYCLTLA	306	155
>ATM-C540Y CPAVCCLT	56	>ATM-C540Y CPAVYCLT	89	33
>ATM-C540Y CPAVCCLTLA	210	>ATM-C540Y CPAVYCLTLA	81	129
>ATM-C540Y CPAVCCLTL	2706	>ATM-C540Y CPAVYCLTL	169	2537
>ATM-C540Y CPAVCCLTLA	987	>ATM-C540Y CPAVYCLTLA	158	829
>ATM-C540Y CPAVCCLTLA	344	>ATM-C540Y CPAVYCLTLA	308	36
>ATM-C540Y SCPAVCCLTL	239	>ATM-C540Y SCPAVYCLTL	100	139
>ATM-C540Y PSCPAVCCLT	479	>ATM-C540Y PSCPAVYCLT	497	18
>ATM-C540Y RPSCPAVCC	136	>ATM-C540Y RPSCPAVYCL	64	72
>ATM-C540Y RPSCPAVC	14583	>ATM-C540Y RPSCPAVY	271	14312
>ATM-C540Y RPSCPAVC	4867	>ATM-C540Y RPSCPAVY	22	4845
>ATM-C540Y RPSCPAVC	31147	>ATM-C540Y RPSCPAVY	196	30951
>ATM-C540Y CRPSCPAVC	5274	>ATM-C540Y CRPSCPAVY	319	4955
>ATM-C540Y CRPSCPAVC	30815	>ATM-C540Y CRPSCPAVY	390	30425
>ATM-C540Y CRPSCPAVC	7253	>ATM-C540Y CRPSCPAVY	377	6876
>ATM-C540Y CRPSCPAVCC	280	>ATM-C540Y CRPSCPAVYC	242	38
>ATM-C540Y ACRPSCPAVC	2282	>ATM-C540Y ACRPSCPAVY	209	2073
>ATM-C540Y ACRPSCPAVC	6209	>ATM-C540Y ACRPSCPAVY	104	6105
>ATM-C540Y ACRPSCPAVC	19342	>ATM-C540Y ACRPSCPAVY	136	19206
>ATM-C540Y ACRPSCPAVC	28955	>ATM-C540Y ACRPSCPAVY	450	28505
>ATM-D1208DFMASHLDY	888	>ATM-D1208HFMASHLDY	166	722
>ATM-D1208DFMASHLDY	3060	>ATM-D1208HFMASHLDY	129	2931
>ATM-D1208DFMASHLDY	1162	>ATM-D1208HFMASHLDY	22	1140
>ATM-D1208DFMASHLDY	13	>ATM-D1208HFMASHLDY	7	6
>ATM-D1208DFMASHLDY	673	>ATM-D1208HFMASHLDY	342	331
>ATM-D1208DFMASHLDY	288	>ATM-D1208HFMASHLDY	12	276
>ATM-D1208DFMASHLDY	7235	>ATM-D1208HFMASHLDY	303	6932
>ATM-D1208DFMASHLDY	240	>ATM-D1208HFMASHLDY	49	191
>ATM-D1208DFMASHLDY	1521	>ATM-D1208HFMASHLDY	318	1203
>ATM-D1208DFMASHLDY	624	>ATM-D1208HFMASHLDY	118	506
>ATM-D1208DFMASHLDY	340	>ATM-D1208HFMASHLDY	147	193
>ATM-D1208EDFMASHLD'	438	>ATM-D1208EHFMASHLD'	920	482
>ATM-D1208EDFMASHLD'	669	>ATM-D1208EHFMASHLD'	329	340
>ATM-D1208EDFMASHLD'	1788	>ATM-D1208EHFMASHLD'	105	1683
>ATM-D1208EDFMASHL	13989	>ATM-D1208EHFMASHL	418	13571
>ATM-D1208EDFMASHLD'	11436	>ATM-D1208EHFMASHLD'	182	11254
>ATM-D1208EDFMASHL	7156	>ATM-D1208EHFMASHL	97	7059



>ATM-D1208 EDFMASHLD'	11187	>ATM-D1208 EHFMAHSHLD'	359	10828
>ATM-D1208 EDFMASHLD'	480	>ATM-D1208 EHFMAHSHLD'	16919	16439
>ATM-D1208 LEDFMASHL	540	>ATM-D1208 LEHFMAHSHL	196	344
>ATM-D1208 LEDFMASHLL	633	>ATM-D1208 LEHFMAHSHLL	153	480
>ATM-D1208 LEDFMASHLL	402	>ATM-D1208 LEHFMAHSHLL	325	77
>ATM-D1208 LEDFMASHLL	5746	>ATM-D1208 LEHFMAHSHLL	385	5361
>ATM-D1208 LEDFMASHLL	5336	>ATM-D1208 LEHFMAHSHLL	359	4977
>ATM-D1208 LEDFMASH	1178	>ATM-D1208 LEHFMAHSH	306	872
>ATM-D1208 LEDFMASHLL	112	>ATM-D1208 LEHFMAHSHLL	36	76
>ATM-D1208 LEDFMASHL	37	>ATM-D1208 LEHFMAHSHL	36	1
>ATM-D1208 LEDFMASHL	2391	>ATM-D1208 LEHFMAHSHL	283	2108
>ATM-D1208 LEDFMASHLL	521	>ATM-D1208 LEHFMAHSHLL	167	354
>ATM-D1208 LEDFMASHL	236	>ATM-D1208 LEHFMAHSHL	30	206
>ATM-D1208 RLEDFMASHI	45	>ATM-D1208 RLEHFMAHSHI	257	212
>ATM-D1208 RLEDFMASHI	254	>ATM-D1208 RLEHFMAHSHI	595	341
>ATM-D1208 RLEDFMASHI	82	>ATM-D1208 RLEHFMAHSHI	406	324
>ATM-D1208 RLEDFMASHI	56	>ATM-D1208 RLEHFMAHSHI	201	145
>ATM-D1208 RLEDFMASHI	7	>ATM-D1208 RLEHFMAHSHI	39	32
>ATM-D1208 RRLEDFMAS	463	>ATM-D1208 RRLEHFMAH	236	227
>ATM-D1208 RRLEDFMAS	244	>ATM-D1208 RRLEHFMAH	145	99
>ATM-D1208 RRLEDFMAS	45	>ATM-D1208 RRLEHFMAH	39	6
>ATM-D1208 RRLEDFMA	77	>ATM-D1208 RRLEHFMA	56	21
>ATM-D1208 RRLEDFMAS	157	>ATM-D1208 RRLEHFMAH	95	62
>ATM-D1208 RRLEDFMAS	99	>ATM-D1208 RRLEHFMAH	109	10
>ATM-D1208 RRLEDFMAS	21	>ATM-D1208 RRLEHFMAH	16	5
>ATM-D1208 RRLEDFMAS	501	>ATM-D1208 RRLEHFMAH	397	104
>ATM-D1208 RRLEDFMA	146	>ATM-D1208 RRLEHFMA	213	67
>ATM-D1208 RRLEDFMAS	404	>ATM-D1208 RRLEHFMAH	249	155
>ATM-D1208 RRLEDFMAS	250	>ATM-D1208 RRLEHFMAH	254	4
>ATM-D1208 RRLEDFMAS	31	>ATM-D1208 RRLEHFMAH	26	5
>ATM-D1208 RRLEDFMAS	581	>ATM-D1208 RRLEHFMAH	140	441
>ATM-D1208 RRLEDFMAS	182	>ATM-D1208 RRLEHFMAH	267	85
>ATM-D1208 RRLEDFMAS	6	>ATM-D1208 RRLEHFMAH	4	2
>ATM-D1208 YRRLEDFM	1078	>ATM-D1208 YRRLEHFMAH	408	670
>ATM-D1208 YRRLEDFM	610	>ATM-D1208 YRRLEHFMAH	194	416
>ATM-D1208 GYRRLEDF	168	>ATM-D1208 GYRRLEHFMAH	56	112
>ATM-D1208 GYRRLEDF	14	>ATM-D1208 GYRRLEHFMAH	9	5
>ATM-D1208 GYRRLEDFM	683	>ATM-D1208 GYRRLEHFMAH	344	339
>ATM-D1208 GYRRLEDFM	913	>ATM-D1208 GYRRLEHFMAH	61	852
>ATM-D1208 GYRRLEDFM,	527	>ATM-D1208 GYRRLEHFMAH,	54	473
>ATM-D1208 GYRRLEDFM,	735	>ATM-D1208 GYRRLEHFMAH,	189	546
>ATM-D1208 FGYRRLEDF	310	>ATM-D1208 FGYRRLEHFMAH	183	127
>ATM-D1208 FGYRRLEDF	994	>ATM-D1208 FGYRRLEHFMAH	234	760

>ATM-D1208 FGYRRLEDFM	591	>ATM-D1208 FGYRRLEHFM	438	153
>ATM-D1208 FGYRRLEDF	1186	>ATM-D1208 FGYRRLEHF	497	689
>ATM-D1208 FGYRRLEDF	1956	>ATM-D1208 FGYRRLEHF	163	1793
>ATM-D1208 FGYRRLEDF	241	>ATM-D1208 FGYRRLEHF	125	116
>ATM-D1208 TFGYRRLEDF	91	>ATM-D1208 TFGYRRLEHF	46	45
>ATM-D1208 ETFGYRRLED	428	>ATM-D1208 ETFGYRRLEH	775	347
>ATM-D1208 ETFGYRRLED	95	>ATM-D1208 ETFGYRRLEH	51	44
>ATM-D1208 ETFGYRRLED	35	>ATM-D1208 ETFGYRRLEH	11	24
>ATM-D1208 ETFGYRRLED	83	>ATM-D1208 ETFGYRRLEH	118	35
>ATM-D1208 ETFGYRRLED	111	>ATM-D1208 ETFGYRRLEH	246	135
>ATM-D1208 ETFGYRRLED	441	>ATM-D1208 ETFGYRRLEH	235	206
>ATM-D1208 ETFGYRRLED	54	>ATM-D1208 ETFGYRRLEH	21	33
>ATM-D1208 ETFGYRRLED	231	>ATM-D1208 ETFGYRRLEH	138	93
>ATM-D126E DTVKDSSNGA	370	>ATM-D126E ETVKDSSNGA	81	289
>ATM-D126E DTVKDSSNGA	2907	>ATM-D126E ETVKDSSNGA	470	2437
>ATM-D126E DTVKDSSNGA	84	>ATM-D126E ETVKDSSNGA	16	68
>ATM-D126E DTVKDSSNGA	1385	>ATM-D126E ETVKDSSNGA	409	976
>ATM-D126E DTVKDSSNGA	1075	>ATM-D126E ETVKDSSNGA	176	899
>ATM-D126E DTVKDSSNGA	108	>ATM-D126E ETVKDSSNGA	20	88
>ATM-D126E DTVKDSSNGA	414	>ATM-D126E ETVKDSSNGA	63	351
>ATM-D126E DTVKDSSNGA	204	>ATM-D126E ETVKDSSNGA	34	170
>ATM-D126E DTVKDSSNGA	738	>ATM-D126E ETVKDSSNGA	231	507
>ATM-D126E MDTVKDSSN	14219	>ATM-D126E METVKDSSN	67	14152
>ATM-D126E LLNYIMDT	3501	>ATM-D126E LLNYIMET	431	3070
>ATM-D126E LLNYIMDTV	35	>ATM-D126E LLNYIMETV	26	9
>ATM-D126E LLNYIMDT	400	>ATM-D126E LLNYIMET	56	344
>ATM-D126E LLNYIMDTV	5	>ATM-D126E LLNYIMETV	5	0
>ATM-D126E LLNYIMDT	137	>ATM-D126E LLNYIMET	52	85
>ATM-D126E LLNYIMDTV	7	>ATM-D126E LLNYIMETV	7	0
>ATM-D126E LLNYIMDTV	77	>ATM-D126E LLNYIMETV	61	16
>ATM-D126E LLNYIMDT	2747	>ATM-D126E LLNYIMET	397	2350
>ATM-D126E LLNYIMDTV	6	>ATM-D126E LLNYIMETV	4	2
>ATM-D126E LLNYIMDTV	5	>ATM-D126E LLNYIMETV	6	1
>ATM-D126E LLNYIMDTV	18	>ATM-D126E LLNYIMETV	18	0
>ATM-D126E LLNYIMDTV	14	>ATM-D126E LLNYIMETV	9	5
>ATM-D126E LLNYIMDT	443	>ATM-D126E LLNYIMET	91	352
>ATM-D126E LLNYIMDTV	4	>ATM-D126E LLNYIMETV	3	1
>ATM-D126E LLNYIMDTVK	92	>ATM-D126E LLNYIMETVK	71	21
>ATM-D126E LLNYIMDTVK	178	>ATM-D126E LLNYIMETVK	189	11
>ATM-D126E LLNYIMDTV	848	>ATM-D126E LLNYIMETV	431	417
>ATM-D126E LLNYIMDTV	117	>ATM-D126E LLNYIMETV	58	59
>ATM-D126E ELLNYIMDTV	53	>ATM-D126E ELLNYIMETV	35	18
>ATM-D126E ELLNYIMDTV	55	>ATM-D126E ELLNYIMETV	39	16

>ATM-D126E ELLNYIMDTV	45	>ATM-D126E ELLNYIMETV	36	9
>ATM-D126E ELLNYIMDTV	123	>ATM-D126E ELLNYIMETV	128	5
>ATM-D126E ELLNYIMDT	606	>ATM-D126E ELLNYIMET	28	578
>ATM-D126E ELLNYIMDTV	3	>ATM-D126E ELLNYIMETV	2	1
>ATM-D126E ELLNYIMDTV	7	>ATM-D126E ELLNYIMETV	6	1
>ATM-D126E ELLNYIMDTV	9	>ATM-D126E ELLNYIMETV	8	1
>ATM-D126E ELLNYIMDT	1316	>ATM-D126E ELLNYIMET	270	1046
>ATM-D126E ELLNYIMDTV	4	>ATM-D126E ELLNYIMETV	3	1
>ATM-D126E ELLNYIMDT	284	>ATM-D126E ELLNYIMET	53	231
>ATM-D126E ELLNYIMDTV	5	>ATM-D126E ELLNYIMETV	3	2
>ATM-D126E ELLNYIMDTV	193	>ATM-D126E ELLNYIMETV	174	19
>ATM-D126E ELLNYIMDTV	99	>ATM-D126E ELLNYIMETV	164	65
>ATM-D126E ELLNYIMDT	2947	>ATM-D126E ELLNYIMET	339	2608
>ATM-D126E ELLNYIMDTV	8	>ATM-D126E ELLNYIMETV	6	2
>ATM-D126E QELLNYIMDT	21	>ATM-D126E QELLNYIMET	29	8
>ATM-D126E QELLNYIMDT	813	>ATM-D126E QELLNYIMET	451	362
>ATM-D126E QELLNYIMDT	122	>ATM-D126E QELLNYIMET	96	26
>ATM-D126E QELLNYIMDT	458	>ATM-D126E QELLNYIMET	275	183
>ATM-D126E QELLNYIMDT	267	>ATM-D126E QELLNYIMET	296	29
>ATM-D126E QELLNYIMDT	893	>ATM-D126E QELLNYIMET	466	427
>ATM-D126E QELLNYIMDT	85	>ATM-D126E QELLNYIMET	84	1
>ATM-D126E QELLNYIMDT	247	>ATM-D126E QELLNYIMET	276	29
>ATM-D126E QELLNYIMDT	24	>ATM-D126E QELLNYIMET	20	4
>ATM-D1682 DFSTIAIQHSK	9041	>ATM-D1682 HFSTIAIQHSK	68	8973
>ATM-D1682 DFSTIAIQHSK	7228	>ATM-D1682 HFSTIAIQHSK	293	6935
>ATM-D1682 DFSTIAIQHSK	206	>ATM-D1682 HFSTIAIQHSK	770	564
>ATM-D1682 DFSTIAIQHSK	73	>ATM-D1682 HFSTIAIQHSK	83	10
>ATM-D1682 DFSTIAIQHSK	3616	>ATM-D1682 HFSTIAIQHSK	148	3468
>ATM-D1682 IDFSTIAI	455	>ATM-D1682 IHFSTIAI	16	439
>ATM-D1682 IDFSTIAIQ	3993	>ATM-D1682 IHFSTIAIQ	469	3524
>ATM-D1682 IDFSTIAIQH	4373	>ATM-D1682 IHFSTIAIQH	412	3961
>ATM-D1682 IDFSTIAI	9363	>ATM-D1682 IHFSTIAI	107	9256
>ATM-D1682 IDFSTIAI	340	>ATM-D1682 IHFSTIAI	6278	5938
>ATM-D1682 IDFSTIAI	25035	>ATM-D1682 IHFSTIAI	262	24773
>ATM-D1682 IDFSTIAI	59	>ATM-D1682 IHFSTIAI	9244	9185
>ATM-D1682 PIDFSTIAI	16074	>ATM-D1682 PIHFSTIAI	337	15737
>ATM-D1682 GPIDFSTI	123	>ATM-D1682 GPIHFSTI	167	44
>ATM-D1682 GPIDFSTIA	153	>ATM-D1682 GPIHFSTIA	137	16
>ATM-D1682 GPIDFSTIAI	371	>ATM-D1682 GPIHFSTIAI	498	127
>ATM-D1682 GPIDFSTI	723	>ATM-D1682 GPIHFSTI	422	301
>ATM-D1682 VGPIDFSTI	446	>ATM-D1682 VGPIHFSTI	248	198
>ATM-D1682 VGPIDFSTIAI	182	>ATM-D1682 VGPIHFSTIAI	129	53
>ATM-D1682 VGPIDFSTI	3573	>ATM-D1682 VGPIHFSTI	201	3372

>ATM-D1682VGPIDFSTI	111	>ATM-D1682VGPIHFSTI	14	97
>ATM-D1682VGPIDFSTIAI	159	>ATM-D1682VGPIHFSTIAI	38	121
>ATM-D1682VGPIDFSTI	539	>ATM-D1682VGPIHFSTI	499	40
>ATM-D1682EVGPIDFS	205	>ATM-D1682EVGPIHFS	107	98
>ATM-D1682EVGPIDFST	113	>ATM-D1682EVGPIHFST	126	13
>ATM-D1682EVGPIDFSTI	404	>ATM-D1682EVGPIHFSTI	309	95
>ATM-D1682EVGPIDFSTIA	75	>ATM-D1682EVGPIHFSTIA	82	7
>ATM-D1682EVGPIDFST	3307	>ATM-D1682EVGPIHFST	352	2955
>ATM-D1682EVGPIDFSTI	166	>ATM-D1682EVGPIHFSTI	37	129
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>ATM-D1682GEVGPIDFSTI	19	>ATM-D1682GEVGPPIHFSTI	18	1
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>ATM-D1682GEVGPIDF	470	>ATM-D1682GEVGPPIHF	345	125
>ATM-D1682GEVGPIDF	78	>ATM-D1682GEVGPPIHF	94	16
>ATM-D1682GEVGPIDFSTI	635	>ATM-D1682GEVGPPIHFSTI	450	185
>ATM-D1682GEVGPIDFS	776	>ATM-D1682GEVGPPIHFS	179	597
>ATM-D1682GEVGPIDFSTI	514	>ATM-D1682GEVGPPIHFSTI	280	234
>ATM-D1682GEVGPIDFSTI	6	>ATM-D1682GEVGPPIHFSTI	6	0
>ATM-D1682CLGEVGPIDF:	634	>ATM-D1682CLGEVGPPIHF:	200	434
>ATM-D1682DFSTIAIQH	4842	>ATM-D1682YFSTIAIQH	157	4685
>ATM-D1682DFSTIAIQHSK	206	>ATM-D1682YFSTIAIQHSK	1577	1371
>ATM-D1682DFSTIAIQHSK	73	>ATM-D1682YFSTIAIQHSK	52	21
>ATM-D1682IDFSTIAI	3598	>ATM-D1682IYFSTIAI	401	3197
>ATM-D1682IDFSTIAI	14260	>ATM-D1682IYFSTIAI	16	14244
>ATM-D1682IDFSTIAI	14073	>ATM-D1682IYFSTIAI	52	14021
>ATM-D1682IDFSTIAI	23564	>ATM-D1682IYFSTIAI	230	23334
>ATM-D1682IDFSTIAI	24506	>ATM-D1682IYFSTIAI	13	24493
>ATM-D1682IDFSTIAI	12845	>ATM-D1682IYFSTIAI	359	12486
>ATM-D1682IDFSTIAI	3835	>ATM-D1682IYFSTIAI	148	3687
>ATM-D1682IDFSTIAI	455	>ATM-D1682IYFSTIAI	202	253
>ATM-D1682IDFSTIAI	340	>ATM-D1682IYFSTIAI	12996	12656
>ATM-D1682IDFSTIAI	32436	>ATM-D1682IYFSTIAI	295	32141
>ATM-D1682IDFSTIAI	59	>ATM-D1682IYFSTIAI	13959	13900
>ATM-D1682GSCLGEVGP	28598	>ATM-D1682GSCLGEVGP	128	28470
>ATM-D1682GSCLGEVGP	24654	>ATM-D1682GSCLGEVGP	68	24586
>ATM-D1682GSCLGEVGP	22427	>ATM-D1682GSCLGEVGP	106	22321
>ATM-D1682PIDFSTIAI	1585	>ATM-D1682PIYFSTIAI	110	1475
>ATM-D1682GPIDFSTI	123	>ATM-D1682GPIYFSTI	133	10
>ATM-D1682GPIDFSTIA	153	>ATM-D1682GPIYFSTIA	104	49
>ATM-D1682GPIDFSTI	899	>ATM-D1682GPIYFSTI	166	733
>ATM-D1682GPIDFSTIAI	371	>ATM-D1682GPIYFSTIAI	468	97

>ATM-D1682VGPIDFSTI	446	>ATM-D1682VGPIYFSTI	262	184
>ATM-D1682VGPIDFSTIAI	182	>ATM-D1682VGPIYFSTIAI	133	49
>ATM-D1682VGPIDFSTI	3573	>ATM-D1682VGPIYFSTI	92	3481
>ATM-D1682VGPIDFSTI	111	>ATM-D1682VGPIYFSTI	12	99
>ATM-D1682VGPIDFSTIAI	159	>ATM-D1682VGPIYFSTIAI	32	127
>ATM-D1682EVGPIDFS	205	>ATM-D1682EVGPIYFS	47	158
>ATM-D1682EVGPIDFST	113	>ATM-D1682EVGPIYFST	56	57
>ATM-D1682EVGPIDFSTI	404	>ATM-D1682EVGPIYFSTI	153	251
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>ATM-D1682EVGPIDFSTI	166	>ATM-D1682EVGPIYFSTI	24	142
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>ATM-D1682CLGEVGPIDF	4300	>ATM-D1682CLGEVGPIYF	235	4065
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>ATM-D1853DTNESWRNL	152	>ATM-D1853NTNESWRNL	634	482
>ATM-D1853DTNESWRNL	342	>ATM-D1853NTNESWRNL	1265	923
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>ATM-D1853LLQDTNES	172	>ATM-D1853LLQNTNES	1151	979
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>ATM-D1853DTNESWRNL	342	>ATM-D1853VTNESWRNL	3368	3026
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>ATM-D1853DTNESWRNL	1052	>ATM-D1853VTNESWRNL	11	1041
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>ATM-D1853QDTNESWRN	16570	>ATM-D1853QVTNESWRN	230	16340
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>ATM-D1853LQDTNESW	1118	>ATM-D1853LQVTNESW	342	776
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>ATM-D1853 LLQDTNESW	483	>ATM-D1853 LLQVTNESW	741	258
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>ATM-D1853 ILLQDTNESW	348	>ATM-D1853 ILLQVTNESW	380	32
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>ATM-D1853 LIHDILLQD	20263	>ATM-D1853 LIHDILLQV	29	20234
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>ATM-D1853 LIHDILLQD	13790	>ATM-D1853 LIHDILLQV	4	13786
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>ATM-D1853 YLIHDILLQD	2960	>ATM-D1853 YLIHDILLQV	11	2949
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>ATM-D1853 YLIHDILLQD	2441	>ATM-D1853 YLIHDILLQV	22	2419
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>ATM-D1853 YLIHDILLQDT	392	>ATM-D1853 YLIHDILLQVT	356	36
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>ATM-D2708IIDCVGSDGK	171	>ATM-D2708IIDCVGSNGK	127	44
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>ATM-D2708KIIDCVGSDGI	63	>ATM-D2708KIIDCVGSNGI	51	12
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>ATM-D2708KIIDCVGSDGI	489	>ATM-D2708KIIDCVGSNGI	355	134
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>ATM-D2725RQDAVMQQ	17	>ATM-D2725RQGAVMQQ	37	20
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>ATM-D2725DAVMQQVFC	249	>ATM-D2725VAVMQQVFC	2846	2597
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>ATM-E1991 LSEKSKEETGI	228	>ATM-E1991 LSDKSKEETGI	389	161
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>ATM-E1991 TISSLSEK	174	>ATM-E1991 TISSLSDK	252	78
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>ATM-E1991 TISSLSEK	23	>ATM-E1991 TISSLSDK	56	33
>ATM-E1991 TISSLSEKSK	113	>ATM-E1991 TISSLSDKSK	75	38
>ATM-E1991 TTISSLSEK	202	>ATM-E1991 TTISSLSDK	326	124
>ATM-E1991 TTISSLSEK	9	>ATM-E1991 TTISSLSDK	12	3
>ATM-E1991 TTISSLSEKSK	22	>ATM-E1991 TTISSLSDKSK	29	7
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>ATM-E1991 TTISSLSEK	410	>ATM-E1991 TTISSLSDK	1704	1294
>ATM-E1991 TTISSLSEK	422	>ATM-E1991 TTISSLSDK	3551	3129
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>ATM-E1991 TTISSLSEKSK	9	>ATM-E1991 TTISSLSDKSK	9	0
>ATM-E1991 TTISSLSEK	261	>ATM-E1991 TTISSLSDK	266	5
>ATM-E1991 TTISSLSEKSK	472	>ATM-E1991 TTISSLSDKSK	527	55
>ATM-E1991 STTISSLSEK	83	>ATM-E1991 STTISSLSDK	156	73
>ATM-E1991 STTISSLSEK	10	>ATM-E1991 STTISSLSDK	15	5
>ATM-E1991 STTISSLSEK	50	>ATM-E1991 STTISSLSDK	175	125
>ATM-E1991 STTISSLSEK	31	>ATM-E1991 STTISSLSDK	71	40
>ATM-E1991 STTISSLSEK	112	>ATM-E1991 STTISSLSDK	117	5
>ATM-E1991 QSTTISSLSEK	75	>ATM-E1991 QSTTISSLSDK	263	188
>ATM-E1991 QSTTISSLSEK	28	>ATM-E1991 QSTTISSLSDK	81	53

>ATM-E2164 ESVYSLYPT	62	>ATM-E2164 KSVYSLYPT	7568	7506
>ATM-E2164 ESVYSLYPTL	13	>ATM-E2164 KSVYSLYPTL	650	637
>ATM-E2164 ESVYSLYPTL	15334	>ATM-E2164 KSVYSLYPTL	198	15136
>ATM-E2164 ESVYSLYPTL	3372	>ATM-E2164 KSVYSLYPTL	59	3313
>ATM-E2164 ESVYSLYPT	41	>ATM-E2164 KSVYSLYPT	6691	6650
>ATM-E2164 ESVYSLYPTL	215	>ATM-E2164 KSVYSLYPTL	4493	4278
>ATM-E2164 ESVYSLYPTL	122	>ATM-E2164 KSVYSLYPTL	5987	5865
>ATM-E2164 ESVYSLYPTL	1106	>ATM-E2164 KSVYSLYPTL	82	1024
>ATM-E2164 ESVYSLYPT	5336	>ATM-E2164 KSVYSLYPT	126	5210
>ATM-E2164 ESVYSLYPTL	24	>ATM-E2164 KSVYSLYPTL	4	20
>ATM-E2164 ESVYSLYPTL	7643	>ATM-E2164 KSVYSLYPTL	32	7611
>ATM-E2164 ESVYSLYPTL	996	>ATM-E2164 KSVYSLYPTL	142	854
>ATM-E2164 LESVYSLYPTL	195	>ATM-E2164 LKSVYSLYPTL	9329	9134
>ATM-E2164 LESVYSLY	394	>ATM-E2164 LKSVYSLY	402	8
>ATM-E2164 LESVYSLY	334	>ATM-E2164 LKSVYSLY	7	327
>ATM-E2164 LESVYSLYPTL	616	>ATM-E2164 LKSVYSLYPTL	21	595
>ATM-E2164 LESVYSLY	43	>ATM-E2164 LKSVYSLY	9218	9175
>ATM-E2164 LESVYSLYPTL	70	>ATM-E2164 LKSVYSLYPTL	15141	15071
>ATM-E2164 LESVYSLYPTL	1371	>ATM-E2164 LKSVYSLYPTL	480	891
>ATM-E2164 LESVYSLYPTL	13	>ATM-E2164 LKSVYSLYPTL	14523	14510
>ATM-E2164 LESVYSLYPT	338	>ATM-E2164 LKSVYSLYPT	29163	28825
>ATM-E2164 LESVYSLYPTL	76	>ATM-E2164 LKSVYSLYPTL	22884	22808
>ATM-E2164 LESVYSLY	276	>ATM-E2164 LKSVYSLY	15341	15065
>ATM-E2164 LESVYSLY	174	>ATM-E2164 LKSVYSLY	21651	21477
>ATM-E2164 LESVYSLYPTL	46	>ATM-E2164 LKSVYSLYPTL	11938	11892
>ATM-E2164 EVEEMCKRSL	4447	>ATM-E2164 EVEEMCKRSL	15	4432
>ATM-E2164 SLESVYSLY	196	>ATM-E2164 SLKSVYSLY	10390	10194
>ATM-E2164 SLESVYSL	126	>ATM-E2164 SLKSVYSL	178	52
>ATM-E2164 SLESVYSL	10	>ATM-E2164 SLKSVYSL	11	1
>ATM-E2164 SLESVYSLYPT	157	>ATM-E2164 SLKSVYSLYPT	176	19
>ATM-E2164 SLESVYSL	219	>ATM-E2164 SLKSVYSL	9	210
>ATM-E2164 SLESVYSLYPT	913	>ATM-E2164 SLKSVYSLYPT	28	885
>ATM-E2164 SLESVYSL	18	>ATM-E2164 SLKSVYSL	34	16
>ATM-E2164 SLESVYSL	48	>ATM-E2164 SLKSVYSL	94	46
>ATM-E2164 SLESVYSL	69	>ATM-E2164 SLKSVYSL	158	89
>ATM-E2164 SLESVYSL	5	>ATM-E2164 SLKSVYSL	6	1
>ATM-E2164 SLESVYSLY	794	>ATM-E2164 SLKSVYSLY	147	647
>ATM-E2164 SLESVYSLY	73	>ATM-E2164 SLKSVYSLY	52	21
>ATM-E2164 SLESVYSLY	67	>ATM-E2164 SLKSVYSLY	33	34
>ATM-E2164 SLESVYSLY	65	>ATM-E2164 SLKSVYSLY	48	17
>ATM-E2164 SLESVYSL	1864	>ATM-E2164 SLKSVYSL	56	1808
>ATM-E2164 SLESVYSL	7247	>ATM-E2164 SLKSVYSL	385	6862
>ATM-E2164 SLESVYSLY	1711	>ATM-E2164 SLKSVYSLY	79	1632

>ATM-E2164 SLESVYSLY	215	>ATM-E2164 SLKSVYSLY	104	111
>ATM-E2164 SLESVYSL	5236	>ATM-E2164 SLKSVYSL	459	4777
>ATM-E2164 SLESVYSLY	2562	>ATM-E2164 SLKSVYSLY	144	2418
>ATM-E2164 SLESVYSLY	6	>ATM-E2164 SLKSVYSLY	5	1
>ATM-E2164 SLESVYSLY	153	>ATM-E2164 SLKSVYSLY	320	167
>ATM-E2164 RSLESVYSLY	113	>ATM-E2164 RSLKSVYSLY	217	104
>ATM-E2164 RSLESVYSL	194	>ATM-E2164 RSLKSVYSL	2262	2068
>ATM-E2164 RSLESVYSL	86	>ATM-E2164 RSLKSVYSL	880	794
>ATM-E2164 RSLESVYSL	146	>ATM-E2164 RSLKSVYSL	2584	2438
>ATM-E2164 RSLESVYSLY	253	>ATM-E2164 RSLKSVYSLY	162	91
>ATM-E2164 RSLESVYSLY	156	>ATM-E2164 RSLKSVYSLY	188	32
>ATM-E2164 RSLESVYSLY	279	>ATM-E2164 RSLKSVYSLY	231	48
>ATM-E2164 RSLESVYS	454	>ATM-E2164 RSLKSVYS	183	271
>ATM-E2164 RSLESVYSL	177	>ATM-E2164 RSLKSVYSL	76	101
>ATM-E2164 RSLESVYSLY	230	>ATM-E2164 RSLKSVYSLY	114	116
>ATM-E2164 RSLESVYSLYP	407	>ATM-E2164 RSLKSVYSLYP	212	195
>ATM-E2164 RSLESVYSLY	8	>ATM-E2164 RSLKSVYSLY	7	1
>ATM-E2164 RSLESVYSL	13	>ATM-E2164 RSLKSVYSL	18	5
>ATM-E2164 RSLESVYSLY	131	>ATM-E2164 RSLKSVYSLY	52	79
>ATM-E2164 RSLESVYSLY	206	>ATM-E2164 RSLKSVYSLY	185	21
>ATM-E2164 RSLESVYSL	22	>ATM-E2164 RSLKSVYSL	15	7
>ATM-E2164 RSLESVYSLY	15	>ATM-E2164 RSLKSVYSLY	10	5
>ATM-E2164 RSLESVYS	437	>ATM-E2164 RSLKSVYS	724	287
>ATM-E2164 RSLESVYSL	3	>ATM-E2164 RSLKSVYSL	3	0
>ATM-E2164 RSLESVYSLY	3	>ATM-E2164 RSLKSVYSLY	3	0
>ATM-E2164 RSLESVYSL	426	>ATM-E2164 RSLKSVYSL	1293	867
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>ATM-E2164 RSLESVYSLY	90	>ATM-E2164 RSLKSVYSLY	86	4
>ATM-E2164 RSLESVYSL	24	>ATM-E2164 RSLKSVYSL	30	6
>ATM-E2164 RSLESVYSLY	15	>ATM-E2164 RSLKSVYSLY	17	2
>ATM-E2164 RSLESVYSL	344	>ATM-E2164 RSLKSVYSL	578	234
>ATM-E2164 RSLESVYSL	1375	>ATM-E2164 RSLKSVYSL	294	1081
>ATM-E2164 RSLESVYSLY	29	>ATM-E2164 RSLKSVYSLY	36	7
>ATM-E2164 RSLESVYSL	95	>ATM-E2164 RSLKSVYSL	123	28
>ATM-E2164 KRSLESVY	302	>ATM-E2164 KRSLKSVY	378	76
>ATM-E2164 KRSLESVYSLY	296	>ATM-E2164 KRSLKSVYSLY	360	64
>ATM-E2164 KRSLESVY	83	>ATM-E2164 KRSLKSVY	166	83
>ATM-E2164 KRSLESVYSL	147	>ATM-E2164 KRSLKSVYSL	256	109
>ATM-E2164 KRSLESVYSLY	91	>ATM-E2164 KRSLKSVYSLY	168	77
>ATM-E2164 KRSLESVYSL	59	>ATM-E2164 KRSLKSVYSL	56	3
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>ATM-E2164 KRSLESVYSL	189	>ATM-E2164 KRSLKSVYSL	130	59
>ATM-E2164 KRSLESVYSLY	471	>ATM-E2164 KRSLKSVYSLY	315	156
>ATM-E2164 KRSLESVYSL	194	>ATM-E2164 KRSLKSVYSL	149	45
>ATM-E2164 KRSLESVYSLY	635	>ATM-E2164 KRSLKSVYSLY	387	248
>ATM-E2164 CKRSLESV	101	>ATM-E2164 CKRSLKSV	79	22
>ATM-E2164 CKRSLESVY	6	>ATM-E2164 CKRSLKSVY	7	1
>ATM-E2164 CKRSLESVYSL	16	>ATM-E2164 CKRSLKSVYSL	19	3
>ATM-E2164 CKRSLESVY	101	>ATM-E2164 CKRSLKSVY	51	50
>ATM-E2164 MCKRSLESV	822	>ATM-E2164 MCKRSLKSV	111	711
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>ATM-E2164 MCKRSLESV	1098	>ATM-E2164 MCKRSLKSV	200	898
>ATM-E2164 MCKRSLESVY	164	>ATM-E2164 MCKRSLKSVY	139	25
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>ATM-E2164 EMCKRSLESV	18	>ATM-E2164 EMCKRSLKSV	30	12
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>ATM-E2423 EEVGLLREHK	38	>ATM-E2423 EGVGLLREHK	11406	11368
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>ATM-E2423 EEVGLLREHK	398	>ATM-E2423 EGVGLLREHK	23286	22888
>ATM-E2423 EEVGLLREH	367	>ATM-E2423 EGVGLLREH	38309	37942
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>ATM-E2423 EEVGLLREHK	259	>ATM-E2423 EGVGLLREHK	39128	38869
>ATM-E2423 EEVGLLREHK	149	>ATM-E2423 EGVGLLREHK	33136	32987
>ATM-E2423 KEEVGLLR	219	>ATM-E2423 KEGVGLLR	600	381
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>ATM-E2423 RAKEEVGLL	889	>ATM-E2423 RAKEGVGLL	368	521
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>ATM-E2423 RAKEEVGL	35	>ATM-E2423 RAKEGVGL	14	21
>ATM-E2423 RAKEEVGLL	81	>ATM-E2423 RAKEGVGLL	29	52
>ATM-E2423 KRAKEEVGL	492	>ATM-E2423 KRAKEGVGL	176	316
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>ATM-E2423 KRAKEEVGLL	73	>ATM-E2423 KRAKEGVGLL	48	25
>ATM-E2423 KRAKEEVGLL	176	>ATM-E2423 KRAKEGVGLL	112	64
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>ATM-E2423 LKRAKEEV	248	>ATM-E2423 LKRAKEGV	903	655
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>ATM-E2423 EVGLLREHKI	9821	>ATM-E2423 KVGLLREHKI	299	9522
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>ATM-E2423 EEVGLLREH	451	>ATM-E2423 EKVGLLREH	23681	23230
>ATM-E2423 EEVGLLREHK	398	>ATM-E2423 EKVGLLREHK	21066	20668
>ATM-E2423 EEVGLLREH	367	>ATM-E2423 EKVGLLREH	25302	24935
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>ATM-E2423 EEVGLLREHK	149	>ATM-E2423 EKVGLLREHK	21785	21636
>ATM-E2423 KEEVGLLR	219	>ATM-E2423 KEKVGLL	109	110
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>ATM-E2423 KEEVGLLR	5618	>ATM-E2423 KEKVGLL	499	5119
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>ATM-E2423 RAKEEVGL	971	>ATM-E2423 RAKEKVGL	322	649
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>ATM-E2423 RAKEEVGLLR	171	>ATM-E2423 RAKEKVGLLR	65	106
>ATM-E2423 RAKEEVGLLR	127	>ATM-E2423 RAKEKVGLLR	41	86
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>ATM-E2423 RAKEEVGL	35	>ATM-E2423 RAKEKVGL	30	5
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>ATM-E2423 KRAKEEVGL	492	>ATM-E2423 KRAKEKVGL	699	207
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>ATM-E2423 KRAKEEVGLL	73	>ATM-E2423 KRAKEKVGLL	68	5
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>ATM-E2423 KRAKEEVGLL	140	>ATM-E2423 KRAKEKVGLL	108	32
>ATM-E2423 KRAKEEVGLL	79	>ATM-E2423 KRAKEKVGLL	59	20
>ATM-E2423 LKRAKEEV	248	>ATM-E2423 LKRAKEKV	462	214
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>ATM-E2423 ALLKRAKEEV	459	>ATM-E2423 ALLKRAKEKV	617	158
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>ATM-E2423 ALLKRAKEEV	25	>ATM-E2423 ALLKRAKEKV	54	29
>ATM-E2423 ALLKRAKEEV	9	>ATM-E2423 ALLKRAKEKV	10	1

>ATM-E2423 ALLKRAKEEV	26	>ATM-E2423 ALLKRAKEKV	38	12
>ATM-E2423 ALLKRAKEEV	3	>ATM-E2423 ALLKRAKEKV	4	1
>ATM-E2423 ALLKRAKEE	20655	>ATM-E2423 ALLKRAKEK	113	20542
>ATM-E848C EVEDQSSMN	401	>ATM-E848C QVEDQSSMN	2938	2537
>ATM-E848C EVEDQSSM	88	>ATM-E848C QVEDQSSM	4202	4114
>ATM-E848C EVEDQSSMN	55	>ATM-E848C QVEDQSSMN	2414	2359
>ATM-E848C EVEDQSSM	193	>ATM-E848C QVEDQSSM	3333	3140
>ATM-E848C EVEDQSSMN	134	>ATM-E848C QVEDQSSMN	1647	1513
>ATM-E848C EVEDQSSMN	135	>ATM-E848C QVEDQSSMN	1451	1316
>ATM-E848C EVEDQSSM	491	>ATM-E848C QVEDQSSM	738	247
>ATM-E848C EVEDQSSMN	431	>ATM-E848C QVEDQSSMN	97	334
>ATM-E848C MEVEDQSSV	17661	>ATM-E848C MQVEDQSSN	405	17256
>ATM-E848C MEVEDQSSV	4289	>ATM-E848C MQVEDQSSN	52	4237
>ATM-E848C MEVEDQSSV	9194	>ATM-E848C MQVEDQSSN	111	9083
>ATM-E848C MEVEDQSS	10942	>ATM-E848C MQVEDQSS	265	10677
>ATM-E848C MEVEDQSSV	3257	>ATM-E848C MQVEDQSSN	30	3227
>ATM-E848C MEVEDQSSV	1702	>ATM-E848C MQVEDQSSN	24	1678
>ATM-E848C MEVEDQSSV	2112	>ATM-E848C MQVEDQSSN	61	2051
>ATM-E848C MEVEDQSSV	8766	>ATM-E848C MQVEDQSSN	478	8288
>ATM-E848C MEVEDQSSV	273	>ATM-E848C MQVEDQSSN	6	267
>ATM-E848C MEVEDQSSV	365	>ATM-E848C MQVEDQSSN	10	355
>ATM-E848C MEVEDQSSV	49	>ATM-E848C MQVEDQSSN	5455	5406
>ATM-E848C MEVEDQSSV	157	>ATM-E848C MQVEDQSSN	10509	10352
>ATM-E848C MEVEDQSSV	457	>ATM-E848C MQVEDQSSN	148	309
>ATM-E848C MEVEDQSSV	658	>ATM-E848C MQVEDQSSN	53	605
>ATM-E848C MEVEDQSSV	298	>ATM-E848C MQVEDQSSN	32	266
>ATM-E848C MEVEDQSSV	94	>ATM-E848C MQVEDQSSN	7566	7472
>ATM-E848C MEVEDQSSV	15	>ATM-E848C MQVEDQSSN	1139	1124
>ATM-E848C MEVEDQSSV	150	>ATM-E848C MQVEDQSSN	13647	13497
>ATM-E848C MEVEDQSSV	117	>ATM-E848C MQVEDQSSN	10234	10117
>ATM-E848C MEVEDQSSV	484	>ATM-E848C MQVEDQSSN	13862	13378
>ATM-E848C MEVEDQSSV	442	>ATM-E848C MQVEDQSSN	18235	17793
>ATM-E848C MEVEDQSSV	194	>ATM-E848C MQVEDQSSN	10898	10704
>ATM-E848C MEVEDQSSV	3130	>ATM-E848C MQVEDQSSN	155	2975
>ATM-E848C MEVEDQSSV	81	>ATM-E848C MQVEDQSSN	11170	11089
>ATM-E848C MEVEDQSSV	28	>ATM-E848C MQVEDQSSN	4989	4961
>ATM-E848C LMEVEDQSSI	1927	>ATM-E848C LMQVEDQSS	341	1586
>ATM-E848C LMEVEDQSSI	424	>ATM-E848C LMQVEDQSS	168	256
>ATM-E848C LMEVEDQSSI	522	>ATM-E848C LMQVEDQSS	56	466
>ATM-E848C LMEVEDQSSI	932	>ATM-E848C LMQVEDQSS	115	817
>ATM-E848C LMEVEDQSSI	276	>ATM-E848C LMQVEDQSS	93	183
>ATM-E848C NLMEVEDQS	141	>ATM-E848C NLMQVEDQS	1021	880
>ATM-E848C NLMEVEDQS	34	>ATM-E848C NLMQVEDQS	95	61



>ATM-E848C NLMEVEDQS	133	>ATM-E848C NLMQVEDQS	533	400
>ATM-E848C NLMEVEDQS	418	>ATM-E848C NLMQVEDQS	2415	1997
>ATM-E848C NLMEVEDQS	60	>ATM-E848C NLMQVEDQS	324	264
>ATM-E848C NLMEVEDQS	40	>ATM-E848C NLMQVEDQS	444	404
>ATM-E848C NLMEVEDQS	21	>ATM-E848C NLMQVEDQS	87	66
>ATM-E848C NLMEVEDQS	268	>ATM-E848C NLMQVEDQS	624	356
>ATM-E848C NLMEVEDQS	417	>ATM-E848C NLMQVEDQS	455	38
>ATM-E848C DTNGNLMEV	456	>ATM-E848C DTNGNLMQ\	436	20
>ATM-E848C DTNGNLMEV	12	>ATM-E848C DTNGNLMQ\	21	9
>ATM-E848C DTNGNLMEV	16	>ATM-E848C DTNGNLMQ\	12	4
>ATM-F1463 FVLRDVIYTLI	393	>ATM-F1463 LVLRDVIYTLI	3028	2635
>ATM-F1463 FVLRDVIYT	178	>ATM-F1463 LVLRDVIYT	2495	2317
>ATM-F1463 FVLRDVIYTL	33	>ATM-F1463 LVLRDVIYTL	134	101
>ATM-F1463 FVLRDVIYTLI	53	>ATM-F1463 LVLRDVIYTLI	699	646
>ATM-F1463 FVLRDVIYTL	29	>ATM-F1463 LVLRDVIYTL	78	49
>ATM-F1463 FVLRDVIYTLI	98	>ATM-F1463 LVLRDVIYTLI	1083	985
>ATM-F1463 FVLRDVIYTL	127	>ATM-F1463 LVLRDVIYTL	388	261
>ATM-F1463 FVLRDVIYTLI	74	>ATM-F1463 LVLRDVIYTLI	705	631
>ATM-F1463 FVLRDVIYT	28	>ATM-F1463 LVLRDVIYT	371	343
>ATM-F1463 FVLRDVIYTL	24	>ATM-F1463 LVLRDVIYTL	54	30
>ATM-F1463 FVLRDVIYTLI	10	>ATM-F1463 LVLRDVIYTLI	79	69
>ATM-F1463 FVLRDVIYT	57	>ATM-F1463 LVLRDVIYT	496	439
>ATM-F1463 FVLRDVIYTL	4	>ATM-F1463 LVLRDVIYTL	14	10
>ATM-F1463 FVLRDVIYTLI	52	>ATM-F1463 LVLRDVIYTLI	387	335
>ATM-F1463 FVLRDVIYTL	6	>ATM-F1463 LVLRDVIYTL	29	23
>ATM-F1463 FVLRDVIYTLI	311	>ATM-F1463 LVLRDVIYTLI	2734	2423
>ATM-F1463 FVLRDVIYTL	14	>ATM-F1463 LVLRDVIYTL	94	80
>ATM-F1463 FVLRDVIYTLI	103	>ATM-F1463 LVLRDVIYTLI	1240	1137
>ATM-F1463 FVLRDVIYTL	9	>ATM-F1463 LVLRDVIYTL	36	27
>ATM-F1463 FVLRDVIYTLI	419	>ATM-F1463 LVLRDVIYTLI	1657	1238
>ATM-F1463 FVLRDVIYTL	7	>ATM-F1463 LVLRDVIYTL	22	15
>ATM-F1463 FVLRDVIYTLI	101	>ATM-F1463 LVLRDVIYTLI	681	580
>ATM-F1463 FVLRDVIYTL	451	>ATM-F1463 LVLRDVIYTL	1347	896
>ATM-F1463 FVLRDVIY	88	>ATM-F1463 LVLRDVIY	270	182
>ATM-F1463 FVLRDVIYTL	299	>ATM-F1463 LVLRDVIYTL	887	588
>ATM-F1463 FVLRDVIY	52	>ATM-F1463 LVLRDVIY	221	169
>ATM-F1463 FVLRDVIYTL	431	>ATM-F1463 LVLRDVIYTL	261	170
>ATM-F1463 FVLRDVIYTLI	159	>ATM-F1463 LVLRDVIYTLI	1259	1100
>ATM-F1463 FVLRDVIYTL	45	>ATM-F1463 LVLRDVIYTL	450	405
>ATM-F1463 FVLRDVIYTLI	49	>ATM-F1463 LVLRDVIYTLI	678	629
>ATM-F1463 FVLRDVIY	379	>ATM-F1463 LVLRDVIY	823	444
>ATM-F1463 FVLRDVIY	344	>ATM-F1463 LVLRDVIY	2140	1796
>ATM-F1463 FVLRDVIY	306	>ATM-F1463 LVLRDVIY	651	345

>ATM-F1463 FVLRDVIY	70	>ATM-F1463 LVLRDVIY	167	97
>ATM-F1463 FVLRDVIYTLI	422	>ATM-F1463 LVLRDVIYTLI	323	99
>ATM-F1463 AFVLRDVIYTL	9750	>ATM-F1463 ALVLRDVIYTL	180	9570
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>ATM-F1463 AFVLRDVIY	16931	>ATM-F1463 ALVLRDVIY	434	16497
>ATM-F1463 AFVLRDVIYTL	11844	>ATM-F1463 ALVLRDVIYTL	209	11635
>ATM-F1463 AFVLRDVIYTL	3805	>ATM-F1463 ALVLRDVIYTL	497	3308
>ATM-F1463 AFVLRDVIYTL	5817	>ATM-F1463 ALVLRDVIYTL	51	5766
>ATM-F1463 AFVLRDVIYTL	9317	>ATM-F1463 ALVLRDVIYTL	29	9288
>ATM-F1463 AFVLRDVIYTL	10592	>ATM-F1463 ALVLRDVIYTL	78	10514
>ATM-F1463 AFVLRDVIYTL	19250	>ATM-F1463 ALVLRDVIYTL	344	18906
>ATM-F1463 AFVLRDVI	30845	>ATM-F1463 ALVLRDVI	238	30607
>ATM-F1463 AFVLRDVIY	29439	>ATM-F1463 ALVLRDVIY	246	29193
>ATM-F1463 AFVLRDVIYTL	9125	>ATM-F1463 ALVLRDVIYTL	9	9116
>ATM-F1463 AFVLRDVIYTL	489	>ATM-F1463 ALVLRDVIYTL	15280	14791
>ATM-F1463 AFVLRDVIY	230	>ATM-F1463 ALVLRDVIY	873	643
>ATM-F1463 AFVLRDVIYTL	2656	>ATM-F1463 ALVLRDVIYTL	149	2507
>ATM-F1463 AFVLRDVIYTL	480	>ATM-F1463 ALVLRDVIYTL	2300	1820
>ATM-F1463 IKSGLGGAW/	11	>ATM-F1463 IKSGLGGAW/	186	175
>ATM-F1463 IKSGLGGAW/	1763	>ATM-F1463 IKSGLGGAW/	93	1670
>ATM-F1463 WAFVLRDVI	206	>ATM-F1463 WALVLRDVI	74	132
>ATM-F1463 WAFVLRDVIY	397	>ATM-F1463 WALVLRDVIY	1447	1050
>ATM-F1463 WAFVLRDV	208	>ATM-F1463 WALVLRDV	3627	3419
>ATM-F1463 WAFVLRDVI	153	>ATM-F1463 WALVLRDVI	3336	3183
>ATM-F1463 WAFVLRDVIY	488	>ATM-F1463 WALVLRDVIY	3119	2631
>ATM-F1463 WAFVLRDVIY	78	>ATM-F1463 WALVLRDVIY	376	298
>ATM-F1463 WAFVLRDVIY	93	>ATM-F1463 WALVLRDVIY	239	146
>ATM-F1463 WAFVLRDVI	304	>ATM-F1463 WALVLRDVI	773	469
>ATM-F1463 WAFVLRDVIY	239	>ATM-F1463 WALVLRDVIY	336	97
>ATM-F1463 WAFVLRDVI	490	>ATM-F1463 WALVLRDVI	1744	1254
>ATM-F1463 WAFVLRDVI	200	>ATM-F1463 WALVLRDVI	615	415
>ATM-F1463 AWAFVLRDV	443	>ATM-F1463 AWALVLRDV	513	70
>ATM-F1463 AWAFVLRDV	235	>ATM-F1463 AWALVLRDV	568	333
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>ATM-F1463 AWAFVLRDV	387	>ATM-F1463 AWALVLRDV	454	67
>ATM-F1463 GAWAFVLRD	193	>ATM-F1463 GAWALVLRD	412	219
>ATM-F1463 GAWAFVLRD	123	>ATM-F1463 GAWALVLRD	276	153
>ATM-F1463 GAWAFVLRD	407	>ATM-F1463 GAWALVLRD	345	62
>ATM-F1463 GAWAFVLR	185	>ATM-F1463 GAWALVLR	613	428
>ATM-F1463 GAWAFVLR	18	>ATM-F1463 GAWALVLR	24	6
>ATM-F1463 GAWAFVLR	338	>ATM-F1463 GAWALVLR	627	289
>ATM-F1463 GAWAFVLR	171	>ATM-F1463 GAWALVLR	413	242
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>ATM-F1463 GAWAFVLR	82	>ATM-F1463 GAWALVLR	247	165
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>ATM-F1463 GGAWAFVLR	336	>ATM-F1463 GGAWALVLR	1053	717
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>ATM-F1463 GGAWAFVLR	194	>ATM-F1463 GGAWALVLR	1177	983
>ATM-F1463 LGGAWAFVL	99	>ATM-F1463 LGGAWALVL	184	85
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>ATM-F1463 GLGGAWAFV	27	>ATM-F1463 GLGGAWALV	42	15
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>ATM-F1463 GLGGAWAFV	23	>ATM-F1463 GLGGAWALV	26	3
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>ATM-F1463 GLGGAWAFV	38	>ATM-F1463 GLGGAWALV	100	62
>ATM-F1463 GLGGAWAF	542	>ATM-F1463 GLGGAWAL	8	534
>ATM-F1463 GLGGAWAFV	3	>ATM-F1463 GLGGAWALV	5	2
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>ATM-F1463 GLGGAWAF	2043	>ATM-F1463 GLGGAWAL	13	2030
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>ATM-F1463 GLGGAWAFV	16	>ATM-F1463 GLGGAWALV	78	62
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>ATM-F1463 GLGGAWAFV	4	>ATM-F1463 GLGGAWALV	5	1
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>ATM-F1463 GLGGAWAFV	3	>ATM-F1463 GLGGAWALV	8	5
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>ATM-F1463 GLGGAWAFV	3	>ATM-F1463 GLGGAWALV	3	0
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>ATM-F1463 GLGGAWAFV	265	>ATM-F1463 GLGGAWALV	727	462
>ATM-F1463 SGLGGAWAF	666	>ATM-F1463 SGLGGAWAL	88	578
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>ATM-F1463 SGLGGAWAF	251	>ATM-F1463 SGLGGAWAL	3668	3417
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>ATM-F1463 KSGLGGAWA	138	>ATM-F1463 KSGLGGAWA	526	388
>ATM-F1463 KSGLGGAWA	313	>ATM-F1463 KSGLGGAWA	6414	6101
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>ATM-F1463 KSGLGGAWA	70	>ATM-F1463 KSGLGGAWA	1180	1110
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>ATM-F1463 FVLRDVIYTLI	393	>ATM-F1463 SVLRDVIYTLI	943	550
>ATM-F1463 FVLRDVIYTL	178	>ATM-F1463 SVLRDVIYTL	2213	2035
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>ATM-F1463 FVLRDVIYTLI	98	>ATM-F1463 SVLRDVIYTLI	1613	1515
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>ATM-F1463 FVLRDVIYTLI	74	>ATM-F1463 SVLRDVIYTLI	867	793
>ATM-F1463 FVLRDVIYTL	28	>ATM-F1463 SVLRDVIYTL	497	469
>ATM-F1463 FVLRDVIYTL	24	>ATM-F1463 SVLRDVIYTL	50	26
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>ATM-F1463 FVLRDVIYTLI	52	>ATM-F1463 SVLRDVIYTLI	322	270
>ATM-F1463 FVLRDVIYTL	6	>ATM-F1463 SVLRDVIYTL	28	22
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>ATM-F1463 FVLRDVIYTL	14	>ATM-F1463 SVLRDVIYTL	31	17
>ATM-F1463 FVLRDVIYTLI	103	>ATM-F1463 SVLRDVIYTLI	371	268
>ATM-F1463 FVLRDVIYTL	9	>ATM-F1463 SVLRDVIYTL	159	150
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>ATM-F1463 FVLRDVIYTL	7	>ATM-F1463 SVLRDVIYTL	47	40
>ATM-F1463 FVLRDVIYTLI	101	>ATM-F1463 SVLRDVIYTLI	999	898
>ATM-F1463 FVLRDVIYTL	451	>ATM-F1463 SVLRDVIYTL	2240	1789
>ATM-F1463 FVLRDVIY	88	>ATM-F1463 SVLRDVIY	70	18
>ATM-F1463 FVLRDVIYTL	299	>ATM-F1463 SVLRDVIYTL	149	150
>ATM-F1463 FVLRDVIY	52	>ATM-F1463 SVLRDVIY	305	253
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>ATM-F1463 FVLRDVIYTLI	159	>ATM-F1463 SVLRDVIYTLI	506	347
>ATM-F1463 FVLRDVIYTL	45	>ATM-F1463 SVLRDVIYTL	116	71
>ATM-F1463 FVLRDVIYTLI	49	>ATM-F1463 SVLRDVIYTLI	161	112
>ATM-F1463 FVLRDVIY	379	>ATM-F1463 SVLRDVIY	137	242
>ATM-F1463 FVLRDVIY	344	>ATM-F1463 SVLRDVIY	1172	828

>ATM-F1463 FVLRDVIY	306	>ATM-F1463 SVLRDVIY	1573	1267
>ATM-F1463 FVLRDVIY	70	>ATM-F1463 SVLRDVIY	858	788
>ATM-F1463 FVLRDVIYTLI	422	>ATM-F1463 SVLRDVIYTLI	266	156
>ATM-F1463 AFVLRDVIYTL	489	>ATM-F1463 ASVLRDVIYTL	17893	17404
>ATM-F1463 AFVLRDVIY	230	>ATM-F1463 ASVLRDVIY	2546	2316
>ATM-F1463 AFVLRDVIYTL	2656	>ATM-F1463 ASVLRDVIYTL	235	2421
>ATM-F1463 AFVLRDVIY	21363	>ATM-F1463 ASVLRDVIY	6	21357
>ATM-F1463 AFVLRDVIYTL	22116	>ATM-F1463 ASVLRDVIYTL	16	22100
>ATM-F1463 AFVLRDVIYTL	480	>ATM-F1463 ASVLRDVIYTL	6832	6352
>ATM-F1463 AFVLRDVI	16430	>ATM-F1463 ASVLRDVI	207	16223
>ATM-F1463 IKSGLGGAW/	11	>ATM-F1463 IKSGLGGAW/	6715	6704
>ATM-F1463 WAFVLRDVI	206	>ATM-F1463 WASVLRDVI	2870	2664
>ATM-F1463 WAFVLRDVIY	397	>ATM-F1463 WASVLRDVIY	831	434
>ATM-F1463 WAFVLRDV	208	>ATM-F1463 WASVLRDV	896	688
>ATM-F1463 WAFVLRDVI	153	>ATM-F1463 WASVLRDVI	737	584
>ATM-F1463 WAFVLRDVIY	488	>ATM-F1463 WASVLRDVIY	1253	765
>ATM-F1463 WAFVLRDVIY	78	>ATM-F1463 WASVLRDVIY	835	757
>ATM-F1463 WAFVLRDVIY	93	>ATM-F1463 WASVLRDVIY	516	423
>ATM-F1463 WAFVLRDVI	304	>ATM-F1463 WASVLRDVI	942	638
>ATM-F1463 WAFVLRDVIY	239	>ATM-F1463 WASVLRDVIY	77	162
>ATM-F1463 WAFVLRDVI	490	>ATM-F1463 WASVLRDVI	4148	3658
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>ATM-F1463 AWAFVLRDV	235	>ATM-F1463 AWASVLRDV	378	143
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>ATM-F1463 GAWAFVLRD	193	>ATM-F1463 GAWASVLRD	490	297
>ATM-F1463 GAWAFVLRD	123	>ATM-F1463 GAWASVLRD	252	129
>ATM-F1463 GAWAFVLRD	407	>ATM-F1463 GAWASVLRD	426	19
>ATM-F1463 GAWAFVLR	185	>ATM-F1463 GAWASVLR	512	327
>ATM-F1463 GAWAFVLR	18	>ATM-F1463 GAWASVLR	36	18
>ATM-F1463 GAWAFVLR	338	>ATM-F1463 GAWASVLR	1133	795
>ATM-F1463 GAWAFVLR	171	>ATM-F1463 GAWASVLR	274	103
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>ATM-F1463 GAWAFVLR	82	>ATM-F1463 GAWASVLR	353	271
>ATM-F1463 GAWAFVLRD	129	>ATM-F1463 GAWASVLRD	156	27
>ATM-F1463 GGAWAFVLR	336	>ATM-F1463 GGAWASVLR	2216	1880
>ATM-F1463 GGAWAFVLR	212	>ATM-F1463 GGAWASVLR	311	99
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>ATM-F1463 LGGAWAFVL	4215	>ATM-F1463 LGGAWASVL	263	3952
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>ATM-F1463 GLGGAWAFV	330	>ATM-F1463 GLGGAWASV	2245	1915
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>ATM-F1463 GLGGAWAFV	58	>ATM-F1463 GLGGAWASV	100	42
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>ATM-F1463 GLGGAWAFV	38	>ATM-F1463 GLGGAWASV	81	43
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>ATM-F1463 GLGGAWAFV	6	>ATM-F1463 GLGGAWASV	8	2
>ATM-F1463 GLGGAWAFV	16	>ATM-F1463 GLGGAWASV	49	33
>ATM-F1463 GLGGAWAFV	4	>ATM-F1463 GLGGAWASV	5	1
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>ATM-F1463 GLGGAWAF	775	>ATM-F1463 GLGGAWAS	401	374
>ATM-F1463 GLGGAWAFV	3	>ATM-F1463 GLGGAWASV	2	1
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>ATM-F1463 GLGGAWAF	233	>ATM-F1463 GLGGAWAS	17486	17253
>ATM-F1463 GLGGAWAF	403	>ATM-F1463 GLGGAWAS	22871	22468
>ATM-F1463 GLGGAWAFV	265	>ATM-F1463 GLGGAWASV	655	390
>ATM-F1463 SGLGGAWAF	71	>ATM-F1463 SGLGGAWAS	139	68
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>ATM-F1463 SGLGGAWAF	214	>ATM-F1463 SGLGGAWAS	171	43
>ATM-F1463 SGLGGAWAF	348	>ATM-F1463 SGLGGAWAS	631	283
>ATM-F1463 SGLGGAWAF	466	>ATM-F1463 SGLGGAWAS	24065	23599
>ATM-F1463 SGLGGAWAF	251	>ATM-F1463 SGLGGAWAS	14674	14423
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>ATM-F1463 KSLGGAWA	478	>ATM-F1463 KSLGGAWA	1083	605
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>ATM-F1463 KSLGGAWA	138	>ATM-F1463 KSLGGAWA	12530	12392
>ATM-F1463 KSLGGAWA	313	>ATM-F1463 KSLGGAWA	24522	24209
>ATM-F1463 KSLGGAWA	13	>ATM-F1463 KSLGGAWA	6920	6907
>ATM-F1463 KSLGGAWA	430	>ATM-F1463 KSLGGAWA	213	217
>ATM-F1463 KSLGGAWA	70	>ATM-F1463 KSLGGAWA	17014	16944
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>ATM-F2732 FQMCNTLL	72	>ATM-F2732 LQMCNTLL	518	446
>ATM-F2732 FQMCNTLL	11	>ATM-F2732 LQMCNTLL	51	40
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>ATM-F2732 FQMCNTLL	12	>ATM-F2732 LQMCNTLL	88	76
>ATM-F2732 FQMCNTLL	3	>ATM-F2732 LQMCNTLL	10	7
>ATM-F2732 FQMCNTLLQ	78	>ATM-F2732 LQMCNTLLQ	997	919
>ATM-F2732 FQMCNTLLQ	363	>ATM-F2732 LQMCNTLLQ	2022	1659

>ATM-F2732 FQMCNTLL	266	>ATM-F2732 LQMCNTLL	2002	1736
>ATM-F2732 FQMCNTLL	27	>ATM-F2732 LQMCNTLL	188	161
>ATM-F2732 FQMCNTLLQ	319	>ATM-F2732 LQMCNTLLQ	263	56
>ATM-F2732 FQMCNTLLQ	83	>ATM-F2732 LQMCNTLLQ	67	16
>ATM-F2732 FQMCNTLLQ	72	>ATM-F2732 LQMCNTLLQ	44	28
>ATM-F2732 FQMCNTLLQ	205	>ATM-F2732 LQMCNTLLQ	511	306
>ATM-F2732 FQMCNTLLQ	74	>ATM-F2732 LQMCNTLLQ	408	334
>ATM-F2732 FQMCNTLL	176	>ATM-F2732 LQMCNTLL	136	40
>ATM-F2732 FQMCNTLL	11	>ATM-F2732 LQMCNTLL	14	3
>ATM-F2732 FQMCNTLLQ	307	>ATM-F2732 LQMCNTLLQ	560	253
>ATM-F2732 FQMCNTLLQ	59	>ATM-F2732 LQMCNTLLQ	123	64
>ATM-F2732 FQMCNTLL	14	>ATM-F2732 LQMCNTLL	186	172
>ATM-F2732 FQMCNTLL	281	>ATM-F2732 LQMCNTLL	413	132
>ATM-F2732 FQMCNTLLQ	163	>ATM-F2732 LQMCNTLLQ	204	41
>ATM-F2732 VFQMCNTL	369	>ATM-F2732 VLQMCNTL	3943	3574
>ATM-F2732 VFQMCNTL	19617	>ATM-F2732 VLQMCNTL	222	19395
>ATM-F2732 VFQMCNTLL	17453	>ATM-F2732 VLQMCNTLL	71	17382
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>ATM-F2732 VFQMCNTLL	3114	>ATM-F2732 VLQMCNTLL	22	3092
>ATM-F2732 VFQMCNTL	17103	>ATM-F2732 VLQMCNTL	386	16717
>ATM-F2732 VFQMCNTLL	17617	>ATM-F2732 VLQMCNTLL	162	17455
>ATM-F2732 VFQMCNTL	21439	>ATM-F2732 VLQMCNTL	257	21182
>ATM-F2732 VFQMCNTL	18846	>ATM-F2732 VLQMCNTL	58	18788
>ATM-F2732 VFQMCNTLL	23183	>ATM-F2732 VLQMCNTLL	275	22908
>ATM-F2732 VFQMCNTL	20070	>ATM-F2732 VLQMCNTL	246	19824
>ATM-F2732 VFQMCNTL	14844	>ATM-F2732 VLQMCNTL	7	14837
>ATM-F2732 VFQMCNTLL	16132	>ATM-F2732 VLQMCNTLL	11	16121
>ATM-F2732 VFQMCNTLLQ	32595	>ATM-F2732 VLQMCNTLLQ	392	32203
>ATM-F2732 VFQMCNTL	117	>ATM-F2732 VLQMCNTL	2576	2459
>ATM-F2732 VFQMCNTLL	214	>ATM-F2732 VLQMCNTLL	4781	4567
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>ATM-F2732 VFQMCNTLLQ	41	>ATM-F2732 VLQMCNTLLQ	153	112
>ATM-F2732 VFQMCNTLLQ	183	>ATM-F2732 VLQMCNTLLQ	829	646
>ATM-F2732 VFQMCNTLLQ	133	>ATM-F2732 VLQMCNTLLQ	560	427
>ATM-F2732 VFQMCNTL	456	>ATM-F2732 VLQMCNTL	16588	16132
>ATM-F2732 LRQDAVMQC	39	>ATM-F2732 LRQDAVMQC	496	457
>ATM-F2732 LRQDAVMQC	334	>ATM-F2732 LRQDAVMQC	278	56
>ATM-F2732 LRQDAVMQC	6318	>ATM-F2732 LRQDAVMQC	365	5953
>ATM-F2732 LRQDAVMQC	1384	>ATM-F2732 LRQDAVMQC	421	963
>ATM-F2732 LRQDAVMQC	127	>ATM-F2732 LRQDAVMQC	39	88
>ATM-F2732 QVFQMCNTL	99	>ATM-F2732 QVLQMCNTL	570	471
>ATM-F2732 QVFQMCNTL	281	>ATM-F2732 QVLQMCNTL	290	9
>ATM-F2732 QVFQMCNTL	454	>ATM-F2732 QVLQMCNTL	2866	2412

>ATM-F2732 QVFQMCNTL	321	>ATM-F2732 QVLQMCNTL	770	449
>ATM-F2732 QVFQMCNTL	865	>ATM-F2732 QVLQMCNTL	497	368
>ATM-F2732 QVFQMCNTL	277	>ATM-F2732 QVLQMCNTL	294	17
>ATM-F2732 QVFQMCNTL	39	>ATM-F2732 QVLQMCNTL	132	93
>ATM-F2732 QVFQMCNTL	177	>ATM-F2732 QVLQMCNTL	965	788
>ATM-F2732 QVFQMCNTL	363	>ATM-F2732 QVLQMCNTL	8100	7737
>ATM-F2732 QVFQMCNTL	187	>ATM-F2732 QVLQMCNTL	4048	3861
>ATM-F2732 QVFQMCNTL	44	>ATM-F2732 QVLQMCNTL	228	184
>ATM-F2732 QVFQMCNTL	351	>ATM-F2732 QVLQMCNTL	521	170
>ATM-F2732 QQVFQMCN'	317	>ATM-F2732 QQVLQMCN'	675	358
>ATM-F2732 QQVFQMCN'	136	>ATM-F2732 QQVLQMCN'	143	7
>ATM-F2732 QQVFQMCN'	202	>ATM-F2732 QQVLQMCN'	370	168
>ATM-F2732 QQVFQMCN'	263	>ATM-F2732 QQVLQMCN'	450	187
>ATM-F2732 MQQVFQMC	408	>ATM-F2732 MQQVLQMC	607	199
>ATM-F2732 MQQVFQMC	126	>ATM-F2732 MQQVLQMC	176	50
>ATM-F2732 MQQVFQMC	462	>ATM-F2732 MQQVLQMC	351	111
>ATM-F2732 MQQVFQMC	41	>ATM-F2732 MQQVLQMC	87	46
>ATM-F2732 MQQVFQMC	102	>ATM-F2732 MQQVLQMC	108	6
>ATM-F2732 MQQVFQMC	395	>ATM-F2732 MQQVLQMC	399	4
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>ATM-F2732 VMQQVFQM	15	>ATM-F2732 VMQQVLQM	27	12
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>ATM-F2732 VMQQVFQM	203	>ATM-F2732 VMQQVLQM	172	31
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>ATM-F2732 VMQQVFQM	166	>ATM-F2732 VMQQVLQM	438	272
>ATM-F2732 VMQQVFQM	71	>ATM-F2732 VMQQVLQM	254	183
>ATM-F2732 VMQQVFQM	25	>ATM-F2732 VMQQVLQM	42	17
>ATM-F2732 VMQQVFQM	97	>ATM-F2732 VMQQVLQM	68	29
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>ATM-F2732 AVMQQVFQI	242	>ATM-F2732 AVMQQVLQI	1871	1629
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>ATM-F2732 AVMQQVFQI	125	>ATM-F2732 AVMQQVLQI	1454	1329
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>ATM-F2732 AVMQQVFQI	15	>ATM-F2732 AVMQQVLQI	19	4
>ATM-F2732 AVMQQVFQI	489	>ATM-F2732 AVMQQVLQI	713	224
>ATM-F2732 AVMQQVFQI	402	>ATM-F2732 AVMQQVLQI	2546	2144
>ATM-F2732 AVMQQVFQI	430	>ATM-F2732 AVMQQVLQI	181	249
>ATM-F2732 AVMQQVFQI	35	>ATM-F2732 AVMQQVLQI	25	10
>ATM-F2732 DAVMQQVFC	249	>ATM-F2732 DAVMQQVLC	521	272
>ATM-F2732 DAVMQQVF	178	>ATM-F2732 DAVMQQVL	2871	2693
>ATM-F2732 RQDAVMQQ	103	>ATM-F2732 RQDAVMQQ	1285	1182



>ATM-F2732 RQDAVMQQ	30	>ATM-F2732 RQDAVMQQ	497	467
>ATM-F2732 RQDAVMQQ	995	>ATM-F2732 RQDAVMQQ	499	496
>ATM-F2732 RQDAVMQQ	1324	>ATM-F2732 RQDAVMQQ	47	1277
>ATM-F2732 RQDAVMQQ	1992	>ATM-F2732 RQDAVMQQ	149	1843
>ATM-F2732 RQDAVMQQ	2597	>ATM-F2732 RQDAVMQQ	357	2240
>ATM-F2732 RQDAVMQQ	1291	>ATM-F2732 RQDAVMQQ	261	1030
>ATM-F570S FSLKESIMK	1095	>ATM-F570S SSLKESIMK	260	835
>ATM-F570S FSLKESIMK	87	>ATM-F570S SSLKESIMK	14	73
>ATM-F570S FSLKESIMK	2003	>ATM-F570S SSLKESIMK	31	1972
>ATM-F570S FSLKESIMK	409	>ATM-F570S SSLKESIMK	1295	886
>ATM-F570S FSLKESIM	124	>ATM-F570S SSLKESIM	531	407
>ATM-F570S FSLKESIM	69	>ATM-F570S SSLKESIM	69	0
>ATM-F570S FSLKESIMKW	6	>ATM-F570S SSLKESIMKW	8	2
>ATM-F570S FSLKESIMKW	35	>ATM-F570S SSLKESIMKW	27	8
>ATM-F570S FSLKESIMKW	50	>ATM-F570S SSLKESIMKW	48	2
>ATM-F570S FSLKESIMKW	11	>ATM-F570S SSLKESIMKW	17	6
>ATM-F570S FSLKESIM	250	>ATM-F570S SSLKESIM	2173	1923
>ATM-F570S FSLKESIMKW	159	>ATM-F570S SSLKESIMKW	122	37
>ATM-F570S FSLKESIMKW	24	>ATM-F570S SSLKESIMKW	444	420
>ATM-F570S FSLKESIMK	1606	>ATM-F570S SSLKESIMK	132	1474
>ATM-F570S FSLKESIMKW	452	>ATM-F570S SSLKESIMKW	391	61
>ATM-F570S SFSLKESI	340	>ATM-F570S SSSLKESI	12147	11807
>ATM-F570S SFSLKESIMK	254	>ATM-F570S SSSLKESIMK	81	173
>ATM-F570S SFSLKESIMK	48	>ATM-F570S SSSLKESIMK	8	40
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>ATM-F570S SFSLKESIMK	1117	>ATM-F570S SSSLKESIMK	356	761
>ATM-F570S SFSLKESIMK	533	>ATM-F570S SSSLKESIMK	152	381
>ATM-F570S SFSLKESIM	26090	>ATM-F570S SSSLKESIM	135	25955
>ATM-F570S SFSLKESIMKV	6947	>ATM-F570S SSSLKESIMKV	8	6939
>ATM-F570S SFSLKESIMKV	18886	>ATM-F570S SSSLKESIMKV	100	18786
>ATM-F570S SFSLKESIMKV	3018	>ATM-F570S SSSLKESIMKV	33	2985
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>ATM-F570S SFSLKESIMK	14886	>ATM-F570S SSSLKESIMK	251	14635
>ATM-F570S SFSLKESI	7576	>ATM-F570S SSSLKESI	76	7500
>ATM-F570S EQNMCEVNF	161	>ATM-F570S EQNMCEVNF	14072	13911
>ATM-F570S EQNMCEVNF	16	>ATM-F570S EQNMCEVNF	7116	7100
>ATM-F570S RSFSLKESIMK	55	>ATM-F570S RSSSLKESIMK	130	75
>ATM-F570S RSFSLKESIMK	9	>ATM-F570S RSSSLKESIMK	21	12
>ATM-F570S RSFSLKESIMK	14	>ATM-F570S RSSSLKESIMK	38	24
>ATM-F570S RSFSLKESIMK	67	>ATM-F570S RSSSLKESIMK	420	353
>ATM-F570S RSFSLKESI	14	>ATM-F570S RSSSLKESI	92	78
>ATM-F570S RSFSLKESIMK	133	>ATM-F570S RSSSLKESIMK	825	692
>ATM-F570S RSFSLKESI	144	>ATM-F570S RSSSLKESI	932	788

>ATM-F570S·RSFSLKESIM	32	>ATM-F570S·RSSSLKESIM	262	230
>ATM-F570S·RSFSLKESI	42	>ATM-F570S·RSSSLKESI	401	359
>ATM-F570S·RSFSLKESIM	8	>ATM-F570S·RSSSLKESIM	24	16
>ATM-F570S·RSFSLKESIM	292	>ATM-F570S·RSSSLKESIM	1810	1518
>ATM-F570S·RSFSLKESI	46	>ATM-F570S·RSSSLKESI	48	2
>ATM-F570S·RSFSLKESIM	80	>ATM-F570S·RSSSLKESIM	81	1
>ATM-F570S·RSFSLKESI	16	>ATM-F570S·RSSSLKESI	70	54
>ATM-F570S·RSFSLKESIM	34	>ATM-F570S·RSSSLKESIM	20	14
>ATM-F570S·RSFSLKESIMk	331	>ATM-F570S·RSSSLKESIMk	1554	1223
>ATM-F570S·RSFSLKESIMk	208	>ATM-F570S·RSSSLKESIMk	625	417
>ATM-F570S·RSFSLKESI	8	>ATM-F570S·RSSSLKESI	20	12
>ATM-F570S·NRSFSLKESIM	1099	>ATM-F570S·NRSSSLKESIM	440	659
>ATM-F570S·VNRSFSLK	39	>ATM-F570S·VNRSSSLK	28	11
>ATM-F570S·EVNRSFSLK	84	>ATM-F570S·EVNRSSSLK	98	14
>ATM-F570S·EVNRSFSLK	31	>ATM-F570S·EVNRSSSLK	71	40
>ATM-F570S·EVNRSFSLK	4	>ATM-F570S·EVNRSSSLK	5	1
>ATM-F570S·EVNRSFSL	19	>ATM-F570S·EVNRSSSL	47	28
>ATM-F570S·EVNRSFSL	46	>ATM-F570S·EVNRSSSL	229	183
>ATM-F570S·CEVNRSFSL	401	>ATM-F570S·CEVNRSSSL	1464	1063
>ATM-F570S·CEVNRSFSL	49	>ATM-F570S·CEVNRSSSL	322	273
>ATM-F570S·CEVNRSFSL	116	>ATM-F570S·CEVNRSSSL	206	90
>ATM-F570S·CEVNRSFSL	464	>ATM-F570S·CEVNRSSSL	423	41
>ATM-F570S·CEVNRSFSL	32	>ATM-F570S·CEVNRSSSL	54	22
>ATM-F570S·NMCEVNRSF	118	>ATM-F570S·NMCEVNRSS	766	648
>ATM-F570S·NMCEVNRSF	33	>ATM-F570S·NMCEVNRSS	65	32
>ATM-F570S·NMCEVNRSF	118	>ATM-F570S·NMCEVNRSS	58	60
>ATM-F570S·NMCEVNRSF	117	>ATM-F570S·NMCEVNRSS	823	706
>ATM-F570S·NMCEVNRSF	11	>ATM-F570S·NMCEVNRSS	21	10
>ATM-F570S·NMCEVNRSF	76	>ATM-F570S·NMCEVNRSS	286	210
>ATM-F570S·NMCEVNRSF	249	>ATM-F570S·NMCEVNRSS	1147	898
>ATM-F570S·NMCEVNRSF	137	>ATM-F570S·NMCEVNRSS	968	831
>ATM-F570S·NMCEVNRSF	58	>ATM-F570S·NMCEVNRSS	107	49
>ATM-F570S·NMCEVNRSF	107	>ATM-F570S·NMCEVNRSS	12585	12478
>ATM-F570S·NMCEVNRSF	1031	>ATM-F570S·NMCEVNRSS	498	533
>ATM-F570S·NMCEVNRSF	161	>ATM-F570S·NMCEVNRSS	16384	16223
>ATM-F570S·NMCEVNRSF	131	>ATM-F570S·NMCEVNRSS	19418	19287
>ATM-F570S·NMCEVNRSF	69	>ATM-F570S·NMCEVNRSS	101	32
>ATM-F570S·QNMCEVNRSE	74	>ATM-F570S·QNMCEVNRSE	15151	15077
>ATM-F858L·LFNDYPDSSV	8538	>ATM-F858L·LLNDYPDSSV	41	8497
>ATM-F858L·LFNDYPDSS	10066	>ATM-F858L·LLNDYPDSS	77	9989
>ATM-F858L·LFNDYPDSSV	1249	>ATM-F858L·LLNDYPDSSV	12	1237
>ATM-F858L·LFNDYPDSSV	15478	>ATM-F858L·LLNDYPDSSV	367	15111
>ATM-F858L·LFNDYPDSS	18232	>ATM-F858L·LLNDYPDSS	188	18044

>ATM-F858L·LFNDYPDSSV	2753	>ATM-F858L·LLNDYPDSSV	16	2737
>ATM-F858L·LFNDYPDSSV	19036	>ATM-F858L·LLNDYPDSSV	267	18769
>ATM-F858L·LFNDYPDSSV	5548	>ATM-F858L·LLNDYPDSSV	297	5251
>ATM-F858L·LFNDYPDSS	19149	>ATM-F858L·LLNDYPDSS	106	19043
>ATM-F858L·LFNDYPDSSV	440	>ATM-F858L·LLNDYPDSSV	2	438
>ATM-F858L·LFNDYPDSSV	21683	>ATM-F858L·LLNDYPDSSV	450	21233
>ATM-F858L·LFNDYPDSSV	6251	>ATM-F858L·LLNDYPDSSV	4	6247
>ATM-F858L·LFNDYPDSSV	5200	>ATM-F858L·LLNDYPDSSV	10	5190
>ATM-F858L·LFNDYPDSSV	6565	>ATM-F858L·LLNDYPDSSV	6	6559
>ATM-F858L·LFNDYPDSS	28509	>ATM-F858L·LLNDYPDSS	202	28307
>ATM-F858L·LFNDYPDSS	30531	>ATM-F858L·LLNDYPDSS	264	30267
>ATM-F858L·LFNDYPDSSV	134	>ATM-F858L·LLNDYPDSSV	2	132
>ATM-F858L·LFNDYPDSSV	28759	>ATM-F858L·LLNDYPDSSV	228	28531
>ATM-F858L·EVEDQSSMN	401	>ATM-F858L·EVEDQSSMN	2093	1692
>ATM-F858L·EVEDQSSMN	55	>ATM-F858L·EVEDQSSMN	587	532
>ATM-F858L·EVEDQSSMN	134	>ATM-F858L·EVEDQSSMN	1105	971
>ATM-F858L·EVEDQSSMN	13843	>ATM-F858L·EVEDQSSMN	158	13685
>ATM-F858L·EVEDQSSMN	12485	>ATM-F858L·EVEDQSSMN	353	12132
>ATM-F858L·EVEDQSSMN	431	>ATM-F858L·EVEDQSSMN	2717	2286
>ATM-F858L·NLFNDYPDSS	53	>ATM-F858L·NLLNDYPDSS	112	59
>ATM-F858L·NLFNDYPDSS	27	>ATM-F858L·NLLNDYPDSS	289	262
>ATM-F858L·NLFNDYPDSS	13	>ATM-F858L·NLLNDYPDSS	63	50
>ATM-F858L·NLFNDYPDSS	85	>ATM-F858L·NLLNDYPDSS	75	10
>ATM-F858L·NLFNDYPDSS	5	>ATM-F858L·NLLNDYPDSS	7	2
>ATM-F858L·NLFNDYPDSS	9	>ATM-F858L·NLLNDYPDSS	7	2
>ATM-F858L·NLFNDYPDSS	9	>ATM-F858L·NLLNDYPDSS	10	1
>ATM-F858L·NLFNDYPDSS	26	>ATM-F858L·NLLNDYPDSS	8	18
>ATM-F858L·NLFNDYPDSS	5	>ATM-F858L·NLLNDYPDSS	5	0
>ATM-F858L·NLFNDYPDSS	179	>ATM-F858L·NLLNDYPDSS	1592	1413
>ATM-F858L·NLFNDYPDSS	250	>ATM-F858L·NLLNDYPDSS	136	114
>ATM-F858L·SMNLFNDY	42	>ATM-F858L·SMNLLNDY	55	13
>ATM-F858L·SMNLFNDY	24	>ATM-F858L·SMNLLNDY	29	5
>ATM-F858L·SMNLFNDY	89	>ATM-F858L·SMNLLNDY	105	16
>ATM-F858L·SMNLFNDY	152	>ATM-F858L·SMNLLNDY	168	16
>ATM-F858L·SMNLFNDY	232	>ATM-F858L·SMNLLNDY	535	303
>ATM-F858L·SMNLFNDY	113	>ATM-F858L·SMNLLNDY	409	296
>ATM-F858L·SSMNLFNDY	344	>ATM-F858L·SSMNLLNDY	580	236
>ATM-F858L·SSMNLFNDY	34	>ATM-F858L·SSMNLLNDY	116	82
>ATM-F858L·SSMNLFNDY	881	>ATM-F858L·SSMNLLNDY	386	495
>ATM-F858L·SSMNLFNDY	397	>ATM-F858L·SSMNLLNDY	39	358
>ATM-F858L·SSMNLFNDY	175	>ATM-F858L·SSMNLLNDY	816	641
>ATM-F858L·SSMNLFNDY	136	>ATM-F858L·SSMNLLNDY	302	166
>ATM-F858L·SSMNLFNDY	38	>ATM-F858L·SSMNLLNDY	34	4

>ATM-F858L·SSMNLFN DY	170	>ATM-F858L·SSMNL LN DY	308	138
>ATM-F858L·SSMNL FN DY	108	>ATM-F858L·SSMNL LN DY	271	163
>ATM-F858L·SSMNL FN DY	67	>ATM-F858L·SSMNL LN DY	242	175
>ATM-F858L·SSMNL FN DY	540	>ATM-F858L·SSMNL LN DY	172	368
>ATM-F858L·SSMNL FN DY	12	>ATM-F858L·SSMNL LN DY	14	2
>ATM-F858L·SSMNL FN DY	121	>ATM-F858L·SSMNL LN DY	880	759
>ATM-F858L·QSSMNL FN D	59	>ATM-F858L·QSSMNL LN D	54	5
>ATM-F858L·QSSMNL FN D	917	>ATM-F858L·QSSMNL LN D	374	543
>ATM-F858L·QSSMNL FN D	104	>ATM-F858L·QSSMNL LN D	108	4
>ATM-F858L·QSSMNL FN D	376	>ATM-F858L·QSSMNL LN D	557	181
>ATM-F858L·QSSMNL FN D	200	>ATM-F858L·QSSMNL LN D	100	100
>ATM-F858L·QSSMNL FN D	129	>ATM-F858L·QSSMNL LN D	70	59
>ATM-F858L·DQSSMNL FN	198	>ATM-F858L·DQSSMNL LN	218	20
>ATM-F858L·DQSSMNL F	143	>ATM-F858L·DQSSMNL L	2450	2307
>ATM-F858L·DQSSMNL FN	308	>ATM-F858L·DQSSMNL LN	551	243
>ATM-F858L·EDQSSMNL F	7599	>ATM-F858L·EDQSSMNL L	351	7248
>ATM-F858L·VEDQSSMNL	811	>ATM-F858L·VEDQSSMNL	210	601
>ATM-F858L·VEDQSSMNL	1545	>ATM-F858L·VEDQSSMNL	417	1128
>ATM-F858L·VEDQSSMNL	436	>ATM-F858L·VEDQSSMNL	3548	3112
>ATM-F858L·VEDQSSMNL	153	>ATM-F858L·VEDQSSMNL	54	99
>ATM-G138F GADCSNILLK	705	>ATM-G138F RADCSNILLK	177	528
>ATM-G138F GADCSNILLK	92	>ATM-G138F RADCSNILLK	51	41
>ATM-G138F GADCSNILLK	7292	>ATM-G138F RADCSNILLK	236	7056
>ATM-G138F GADCSNIL	5593	>ATM-G138F RADCSNIL	378	5215
>ATM-G138F GADCSNILL	2844	>ATM-G138F RADCSNILL	135	2709
>ATM-G138F GADCSNIL	6685	>ATM-G138F RADCSNIL	180	6505
>ATM-G138F YGADCSNI	292	>ATM-G138F YRADCSNI	2347	2055
>ATM-G138F YGADCSNIL	43	>ATM-G138F YRADCSNIL	400	357
>ATM-G138F YGADCSNILLI	495	>ATM-G138F YRADCSNILLI	1647	1152
>ATM-G138F YGADCSNI	4799	>ATM-G138F YRADCSNI	237	4562
>ATM-G138F YGADCSNIL	3088	>ATM-G138F YRADCSNIL	171	2917
>ATM-G138F YGADCSNILL	4938	>ATM-G138F YRADCSNILL	213	4725
>ATM-G138F YGADCSNILL	23284	>ATM-G138F YRADCSNILL	49	23235
>ATM-G138F YGADCSNILLI	18589	>ATM-G138F YRADCSNILLI	123	18466
>ATM-G138F YGADCSNIL	320	>ATM-G138F YRADCSNIL	9	311
>ATM-G138F YGADCSNILL	872	>ATM-G138F YRADCSNILL	14	858
>ATM-G138F YGADCSNIL	473	>ATM-G138F YRADCSNIL	11898	11425
>ATM-G138F YGADCSNILL	231	>ATM-G138F YRADCSNILL	7511	7280
>ATM-G138F YGADCSNIL	197	>ATM-G138F YRADCSNIL	1158	961
>ATM-G138F YGADCSNIL	30945	>ATM-G138F YRADCSNIL	173	30772
>ATM-G138F YGADCSNILL	29407	>ATM-G138F YRADCSNILL	388	29019
>ATM-G138F YGADCSNILLI	30452	>ATM-G138F YRADCSNILLI	255	30197
>ATM-G138F YGADCSNI	423	>ATM-G138F YRADCSNI	1931	1508

>ATM-G138FIYGADCSNI	10	>ATM-G138FIYRADCSNI	7	3
>ATM-G138FIYGADCSNIL	653	>ATM-G138FIYRADCSNIL	452	201
>ATM-G138FIYGADCSNI	143	>ATM-G138FIYRADCSNI	186	43
>ATM-G138FIYGADCSNILL	348	>ATM-G138FIYRADCSNILL	497	149
>ATM-G138FIYGADCSNI	326	>ATM-G138FIYRADCSNI	669	343
>ATM-G138FIYGADCSNILL	309	>ATM-G138FIYRADCSNILL	610	301
>ATM-G138FIYGADCSNI	61	>ATM-G138FIYRADCSNI	338	277
>ATM-G138FIYGADCSNIL	67	>ATM-G138FIYRADCSNIL	373	306
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>ATM-G138FIYGADCSNI	15760	>ATM-G138FIYRADCSNI	377	15383
>ATM-G138FIYGADCSNIL	15345	>ATM-G138FIYRADCSNIL	329	15016
>ATM-G138FIYGADCSNILL	10930	>ATM-G138FIYRADCSNILL	103	10827
>ATM-G138FAIYGADCSNII	308	>ATM-G138FAIYRADCSNII	171	137
>ATM-G138FAIYGADCSNI	157	>ATM-G138FAIYRADCSNI	461	304
>ATM-G138FAIYGADCSNII	65	>ATM-G138FAIYRADCSNII	220	155
>ATM-G138FAIYGADCSNI	52	>ATM-G138FAIYRADCSNI	75	23
>ATM-G138FAIYGADCSNII	228	>ATM-G138FAIYRADCSNII	396	168
>ATM-G138FAIYGADCSNII	275	>ATM-G138FAIYRADCSNII	673	398
>ATM-G138FAIYGADCSNI	152	>ATM-G138FAIYRADCSNI	430	278
>ATM-G138FAIYGADCSNII	399	>ATM-G138FAIYRADCSNII	973	574
>ATM-G138FAIYGADCSNI	180	>ATM-G138FAIYRADCSNI	502	322
>ATM-G138FAIYGADCSNII	178	>ATM-G138FAIYRADCSNII	497	319
>ATM-G138FAIYGADCSNI	46	>ATM-G138FAIYRADCSNI	175	129
>ATM-G138FAIYGADCSNII	24	>ATM-G138FAIYRADCSNII	73	49
>ATM-G138FAIYGADCSNI	471	>ATM-G138FAIYRADCSNI	901	430
>ATM-G138FAIYGADCSNII	436	>ATM-G138FAIYRADCSNII	964	528
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>ATM-G138FSSNGAIYG	16985	>ATM-G138FSSNGAIYR	32	16953
>ATM-G138FSSNGAIYG	15902	>ATM-G138FSSNGAIYR	21	15881
>ATM-G138FSSNGAIYG	27153	>ATM-G138FSSNGAIYR	23	27130
>ATM-G138FSSNGAIYGA	69	>ATM-G138FSSNGAIYRA	132	63
>ATM-G138FSSNGAIYG	19326	>ATM-G138FSSNGAIYR	437	18889
>ATM-G138FSSNGAIYG	33720	>ATM-G138FSSNGAIYR	263	33457
>ATM-G138FDSSNGAIYG	28766	>ATM-G138FDSSNGAIYR	60	28706
>ATM-G138FDSSNGAIYG	19380	>ATM-G138FDSSNGAIYR	8	19372
>ATM-G138FKDSSNGAIYG	29473	>ATM-G138FKDSSNGAIYR	229	29244
>ATM-G138FKDSSNGAIYG	28419	>ATM-G138FKDSSNGAIYR	151	28268
>ATM-G2023GGKMLQPI	2620	>ATM-G2023RGKMLQPI	34	2586
>ATM-G2023GGKMLQPITF	5698	>ATM-G2023RGKMLQPITF	102	5596
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>ATM-G2023GGKMLQPITF	2595	>ATM-G2023RGKMLQPITF	154	2441
>ATM-G2023GGGKMLQPI	22781	>ATM-G2023GRGKMLQPI	459	22322
>ATM-G2023GGGKMLQPI	28966	>ATM-G2023GRGKMLQPI	236	28730

>ATM-G2023 LYGCGGGKM	141	>ATM-G2023 LYGCGRGKM	147	6
>ATM-G2023 LYGCGGGKM	12	>ATM-G2023 LYGCGRGKM	14	2
>ATM-G2023 SLYGCGGGK	414	>ATM-G2023 SLYGCGRGKM	556	142
>ATM-G2023 SLYGCGGGK	76	>ATM-G2023 SLYGCGRGKM	86	10
>ATM-G2023 SLYGCGGGK	114	>ATM-G2023 SLYGCGRGKM	130	16
>ATM-G2023 SLYGCGGGK	139	>ATM-G2023 SLYGCGRGKM	154	15
>ATM-G2023 SLYGCGGGK	45	>ATM-G2023 SLYGCGRGKM	68	23
>ATM-G2023 SLYGCGGGK	41	>ATM-G2023 SLYGCGRGKM	123	82
>ATM-G2023 SLYGCGGGK	6	>ATM-G2023 SLYGCGRGKM	7	1
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>ATM-G2023 SLYGCGGGK	151	>ATM-G2023 SLYGCGRGKM	430	279
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>ATM-G2023 SLYGCGGGK	76	>ATM-G2023 SLYGCGRGKM	75	1
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>ATM-G2023 SLYGCGGGK	193	>ATM-G2023 SLYGCGRGKM	323	130
>ATM-G2023 SLYGCGGGK	122	>ATM-G2023 SLYGCGRGKM	159	37
>ATM-G2023 DSLYGCGGGI	399	>ATM-G2023 DSLYGCGRGK	315	84
>ATM-G2023 DSLYGCGG	25149	>ATM-G2023 DSLYGCGR	61	25088
>ATM-G2023 DSLYGCGG	35580	>ATM-G2023 DSLYGCGR	93	35487
>ATM-G2023 DSLYGCGGGI	377	>ATM-G2023 DSLYGCGRGK	401	24
>ATM-G2063 GIIQALQNL	92	>ATM-G2063 EIIQALQNL	1701	1609
>ATM-G2063 GIIQALQNLG	337	>ATM-G2063 EIIQALQNLGI	3400	3063
>ATM-G2063 GIIQALQNL	153	>ATM-G2063 EIIQALQNL	3455	3302
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>ATM-G2063 GIIQALQNLG	198	>ATM-G2063 EIIQALQNLGI	1875	1677
>ATM-G2063 GIIQALQNL	99	>ATM-G2063 EIIQALQNL	1201	1102
>ATM-G2063 GIIQALQNLG	314	>ATM-G2063 EIIQALQNLGI	2671	2357
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>ATM-G2063 GIIQALQNLG	11666	>ATM-G2063 EIIQALQNLGI	170	11496
>ATM-G2063 GIIQALQNL	263	>ATM-G2063 EIIQALQNL	3	260
>ATM-G2063 GIIQALQNLG	2353	>ATM-G2063 EIIQALQNLGI	17	2336
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>ATM-G2063 GIIQALQNL	10261	>ATM-G2063 EIIQALQNL	37	10224
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>ATM-G2063 AGIIQALQNL	16195	>ATM-G2063 AEIIQALQNL	15	16180
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>ATM-G2063 RQAGIIQAL	279	>ATM-G2063 RQAEIIQAL	63	216
>ATM-G2063 RQAGIIQA	343	>ATM-G2063 RQAEIIQA	245	98
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>ATM-G2063 RQAGIIQA	155	>ATM-G2063 RQAEIIQA	87	68
>ATM-G2063 RQAGIIQAL	55	>ATM-G2063 RQAEIIQAL	21	34
>ATM-G2063 RQAGIIQA	23	>ATM-G2063 RQAEIIQA	14	9
>ATM-G2063 RQAGIIQAL	6	>ATM-G2063 RQAEIIQAL	5	1
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>ATM-G2063 RQAGIIQAL	338	>ATM-G2063 RQAEIIQAL	321	17
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>ATM-G2063 TRQAGIIQAL	60	>ATM-G2063 TRQAEIIQAL	69	9
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>ATM-G2063 STRQAGII	18	>ATM-G2063 STRQAEII	85	67
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>ATM-G2063 IPSSTRQAGII	223	>ATM-G2063 IPSSTRQAEII	170	53
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>ATM-G2063 IPSSTRQAGI	559	>ATM-G2063 IPSSTRQAEI	494	65
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>ATM-G2695 LAGGVNLPK	89	>ATM-G2695 LAGAVNLPK	51	38
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>ATM-G2925 MGITGVEGV\	248	>ATM-G2925 MGITGVEVVI	209	39
>ATM-G2925 GMGITGVEG'	342	>ATM-G2925 GMGITGVEV'	653	311
>ATM-G2925 GMGITGVEG	15182	>ATM-G2925 GMGITGVEV	258	14924
>ATM-G2925 GMGITGVEG'	114	>ATM-G2925 GMGITGVEV'	205	91
>ATM-G2925 GMGITGVEG	18454	>ATM-G2925 GMGITGVEV	180	18274
>ATM-G2925 GMGITGVEG'	45	>ATM-G2925 GMGITGVEV'	101	56
>ATM-G2925 GMGITGVEG	4674	>ATM-G2925 GMGITGVEV	4	4670
>ATM-G2925 GMGITGVEG'	3	>ATM-G2925 GMGITGVEV'	4	1
>ATM-G2925 GMGITGVEG	9806	>ATM-G2925 GMGITGVEV	7	9799
>ATM-G2925 GMGITGVEG'	5	>ATM-G2925 GMGITGVEV'	6	1
>ATM-G2925 GMGITGVEG	7505	>ATM-G2925 GMGITGVEV	6	7499
>ATM-G2925 GMGITGVEG'	6	>ATM-G2925 GMGITGVEV'	8	2
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>ATM-G2925 GMGITGVEG'	18	>ATM-G2925 GMGITGVEV'	39	21
>ATM-G2925 GMGITGVEG	16456	>ATM-G2925 GMGITGVEV	5	16451
>ATM-G2925 GMGITGVEG'	4	>ATM-G2925 GMGITGVEV'	6	2
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>ATM-G2925 GMGITGVEG'	539	>ATM-G2925 GMGITGVEV'	95	444
>ATM-G2925 DGMGITGVE\	32	>ATM-G2925 DGMGITGVE'	95	63
>ATM-G3051 FPGWKAWV	462	>ATM-G3051 FPVWKAWV	128	334
>ATM-G3051 FPGWKAWV	305	>ATM-G3051 FPVWKAWV	146	159
>ATM-G3051 FPGWKAWV	966	>ATM-G3051 FPVWKAWV	274	692
>ATM-G3051 FPGWKAWV	63	>ATM-G3051 FPVWKAWV	11	52
>ATM-G3051 LFPGWKAW\	208	>ATM-G3051 LFPVWKAW\	1432	1224
>ATM-G3051 LFPGWKAW\	14	>ATM-G3051 LFPVWKAW\	96	82
>ATM-G3051 LFPGWKAW	80	>ATM-G3051 LFPVWKAW	157	77

>ATM-G3051RLFPGWKA	70	>ATM-G3051RLFPVWKA	36	34
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>ATM-G3051RLFPGWKA	114	>ATM-G3051RLFPVWKA	31	83
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>ATM-G3051RLFPGWKAW	2	>ATM-G3051RLFPVWKAW	3	1
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>ATM-G3051SRLFPGWKA\	763	>ATM-G3051SRLFVWKA\	420	343
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>ATM-G3051NLSRLFPG	5611	>ATM-G3051NLSRLFPV	8	5603
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>ATM-G3051NLSRLFPG	5340	>ATM-G3051NLSRLFPV	11	5329
>ATM-G3051NLSRLFPGWf	619	>ATM-G3051NLSRLFPVWf	461	158
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>ATM-G3051NLSRLFPG	16536	>ATM-G3051NLSRLFPV	12	16524
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>ATM-G3051NLSRLFPGWf	322	>ATM-G3051NLSRLFPVWf	63	259
>ATM-G3051NLSRLFPGWf	1182	>ATM-G3051NLSRLFPVWf	370	812
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>ATM-H138C HFPSHVIKATf	7	>ATM-H138C YFPSHVIKATf	4	3
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>ATM-H138C HFPSHVIK	188	>ATM-H138C YFPSHVIK	662	474
>ATM-H138C PHFPSHVI	16935	>ATM-H138C PYFPSHVI	301	16634
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>ATM-H138C PHFPSHVIK	10954	>ATM-H138C PYFPSHVIK	488	10466
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>ATM-H138C PHFPSHVI	14965	>ATM-H138C PYFPSHVI	24	14941
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>ATM-H138C PHFPSHVIK	6095	>ATM-H138C PYFPSHVIK	109	5986
>ATM-H138C PPHFPSHVI	457	>ATM-H138C PPHYFPSHVI	642	185

>ATM-H138C PPHFPSHV	4935	>ATM-H138C PPYFPSHV	431	4504
>ATM-H138C PPHFPSHVI	1033	>ATM-H138C PPYFPSHVI	86	947
>ATM-H138C PPHFPSHVIK/	1559	>ATM-H138C PPYFPSHVIK/	350	1209
>ATM-H138C NPPHFPSHVI	475	>ATM-H138C NPPYFPSHVI	376	99
>ATM-H138C NPPHFPSHV	703	>ATM-H138C NPPYFPSHV	479	224
>ATM-H138C PNPPHFPSHV	559	>ATM-H138C PNPPYFPSHV	438	121
>ATM-H138C APNPPHFPSH	155	>ATM-H138C APNPPYFPSH	292	137
>ATM-H138C APNPPHFPS	1211	>ATM-H138C APNPPYFPS	273	938
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>ATM-H138C DPAPNPPH	154	>ATM-H138C DPAPNPPY	17	137
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>ATM-H2872 RHVQNILI	16123	>ATM-H2872 RQVQNILI	24	16099
>ATM-H2872 RHVQNILI	1448	>ATM-H2872 RQVQNILI	108	1340
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>ATM-H2872 GDRHVQNI	274	>ATM-H2872 GDRQVQNI	71	203
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>ATM-H2872 GDRHVQNILI	121	>ATM-H2872 GDRQVQNILI	194	73
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>ATM-H2872 GLGDRHVQN	49	>ATM-H2872 GLGDRQVQN	38	11
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>ATM-H2872 ILGLGDRHV	41	>ATM-H2872 ILGLGDRQV	55	14
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>ATM-H2872 ILGLGDRHV	15	>ATM-H2872 ILGLGDRQV	10	5
>ATM-H2872 YILGLGDRHV	71	>ATM-H2872 YILGLGDRQV	107	36
>ATM-H2872 YILGLGDRHV	152	>ATM-H2872 YILGLGDRQV	172	20
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>ATM-H2872 YILGLGDRHV	49	>ATM-H2872 YILGLGDRQV	52	3
>ATM-H2872 YILGLGDRHV	6	>ATM-H2872 YILGLGDRQV	4	2
>ATM-H2872 YILGLGDRHV	32	>ATM-H2872 YILGLGDRQV	88	56



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>ATM-H2872YILGLGDRHV	51	>ATM-H2872YILGLGDRQV	18	33
>ATM-H2872YILGLGDRHV	5	>ATM-H2872YILGLGDRQV	4	1
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>ATM-H996CHVVKNLGQSI	462	>ATM-H996CQVVKNLGQS	1417	955
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>ATM-H996CVLHVVKNL	453	>ATM-H996CVLQVVKNL	520	67
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>ATM-H996CNHVLHVVKNL	274	>ATM-H996CNHVLQVVKN	345	71
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>ATM-H996CILNHVLHV	22	>ATM-H996CILNHVLQV	26	4
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>ATM-H996CILNHVLHVVK	153	>ATM-H996CILNHVLQVVK	243	90
>ATM-H996CILNHVLHV	43	>ATM-H996CILNHVLQV	46	3
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>ATM-H996C TILNHVLHV	69	>ATM-H996C TILNHVLQV	291	222
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>ATM-H996C KTILNHVLH	348	>ATM-H996C KTILNHVLQ	2002	1654
>ATM-H996C KTILNHVLHV	487	>ATM-H996C KTILNHVLQV	157	330
>ATM-H996C KTILNHVLHV'	255	>ATM-H996C KTILNHVLQV'	336	81
>ATM-H996C KTILNHVLHV'	231	>ATM-H996C KTILNHVLQV'	682	451
>ATM-H996C KTILNHVLHV	859	>ATM-H996C KTILNHVLQV	462	397
>ATM-H996C KTILNHVLH	176	>ATM-H996C KTILNHVLQ	1731	1555
>ATM-H996C KTILNHVLHV	38	>ATM-H996C KTILNHVLQV	16	22
>ATM-H996C KTILNHVLHV'	108	>ATM-H996C KTILNHVLQV'	99	9
>ATM-H996C KTILNHVLHV	465	>ATM-H996C KTILNHVLQV	174	291
>ATM-I1407! ILSKSPDSYQ	552	>ATM-I1407! SLSKSPDSYQ	488	64

>ATM-I1407!ILSKSPDSYQK	71	>ATM-I1407!SLSKSPDSYQI	105	34
>ATM-I1407!ILSKSPDSYQK	62	>ATM-I1407!SLSKSPDSYQI	24	38
>ATM-I1407!ILSKSPDSY	87	>ATM-I1407!SLSKSPDSY	113	26
>ATM-I1407!ILSKSPDSY	449	>ATM-I1407!SLSKSPDSY	219	230
>ATM-I1407!ILSKSPDSY	146	>ATM-I1407!SLSKSPDSY	124	22
>ATM-I1407!ILSKSPDSY	187	>ATM-I1407!SLSKSPDSY	95	92
>ATM-I1407!ILSKSPDSY	48	>ATM-I1407!SLSKSPDSY	180	132
>ATM-I1407!EILSKSPDSY	2253	>ATM-I1407!ESLSKSPDSY	336	1917
>ATM-I1407!EILSKSPDSY	33	>ATM-I1407!ESLSKSPDSY	34	1
>ATM-I1407!EILSKSPDSY	114	>ATM-I1407!ESLSKSPDSY	96	18
>ATM-I1407!EILSKSPDSY	4216	>ATM-I1407!ESLSKSPDSY	35	4181
>ATM-I1407!HKTKLKSILEI	320	>ATM-I1407!HKTKLKSILES	4964	4644
>ATM-I1407!LEILSKSP	417	>ATM-I1407!LESLSKSP	516	99
>ATM-I1407!LEILSKSPDSY	378	>ATM-I1407!LESLSKSPDSY	685	307
>ATM-I1407!LEILSKSPDSY	226	>ATM-I1407!LESLSKSPDSY	429	203
>ATM-I1407!LEILSKSPDSY	41	>ATM-I1407!LESLSKSPDSY	70	29
>ATM-I1407!LEILSKSPDSY	314	>ATM-I1407!LESLSKSPDSY	418	104
>ATM-I1407!LEILSKSPDSY	239	>ATM-I1407!LESLSKSPDSY	929	690
>ATM-I1407!SILEILSK	106	>ATM-I1407!SILESLSK	84	22
>ATM-I1407!SILEILSK	11	>ATM-I1407!SILESLSK	11	0
>ATM-I1407!SILEILSK	137	>ATM-I1407!SILESLSK	53	84
>ATM-I1407!SILEILSK	470	>ATM-I1407!SILESLSK	963	493
>ATM-I1407!KSILEILSK	173	>ATM-I1407!KSILESLSK	156	17
>ATM-I1407!KSILEILSK	13	>ATM-I1407!KSILESLSK	16	3
>ATM-I1407!KSILEILSK	21	>ATM-I1407!KSILESLSK	12	9
>ATM-I1407!KSILEILSK	372	>ATM-I1407!KSILESLSK	786	414
>ATM-I1407!LKSILEIL	329	>ATM-I1407!LKSILES	154	175
>ATM-I1407!KLKSILEI	92	>ATM-I1407!KLKSILES	8503	8411
>ATM-I1407!KLKSILEIL	378	>ATM-I1407!KLKSILESL	112	266
>ATM-I1407!KLKSILEI	31	>ATM-I1407!KLKSILES	945	914
>ATM-I1407!KLKSILEIL	12	>ATM-I1407!KLKSILESL	5	7
>ATM-I1407!KLKSILEI	8	>ATM-I1407!KLKSILES	687	679
>ATM-I1407!KLKSILEIL	14	>ATM-I1407!KLKSILESL	6	8
>ATM-I1407!KLKSILEIL	871	>ATM-I1407!KLKSILESL	158	713
>ATM-I1407!KLKSILEI	78	>ATM-I1407!KLKSILES	7785	7707
>ATM-I1407!KLKSILEIL	642	>ATM-I1407!KLKSILESL	76	566
>ATM-I1407!KLKSILEI	207	>ATM-I1407!KLKSILES	16448	16241
>ATM-I1407!KLKSILEIL	280	>ATM-I1407!KLKSILESL	128	152
>ATM-I1407!KLKSILEI	33	>ATM-I1407!KLKSILES	4546	4513
>ATM-I1407!KLKSILEIL	62	>ATM-I1407!KLKSILESL	11	51
>ATM-I1407!KLKSILEILSK	52	>ATM-I1407!KLKSILESLSK	48	4
>ATM-I1407!KLKSILEILSK	215	>ATM-I1407!KLKSILESLSK	237	22
>ATM-I1407!KLKSILEI	70	>ATM-I1407!KLKSILES	724	654

>ATM-I1407!KLKSILEILSK	8	>ATM-I1407!KLKSILELSK	7	1
>ATM-I1407!KLKSILEILSK	138	>ATM-I1407!KLKSILELSK	209	71
>ATM-I1407!KLKSILEI	176	>ATM-I1407!KLKSILES	14230	14054
>ATM-I1407!KLKSILEIL	300	>ATM-I1407!KLKSILESL	51	249
>ATM-I1407!TKLKSILEI	46	>ATM-I1407!TKLKSILES	1657	1611
>ATM-I1407!TKLKSILEIL	75	>ATM-I1407!TKLKSILESL	48	27
>ATM-I1407!TKLKSILEIL	365	>ATM-I1407!TKLKSILESL	375	10
>ATM-I1407!KTKLKSILEI	5	>ATM-I1407!KTKLKSILES	14	9
>ATM-I1407!KTKLKSILEIL	54	>ATM-I1407!KTKLKSILESL	31	23
>ATM-I1407!KTKLKSILEI	249	>ATM-I1407!KTKLKSILES	16895	16646
>ATM-I1407!KTKLKSILEIL	418	>ATM-I1407!KTKLKSILESL	118	300
>ATM-I1407!KTKLKSILEI	15	>ATM-I1407!KTKLKSILES	1326	1311
>ATM-I1407!KTKLKSILEIL	42	>ATM-I1407!KTKLKSILESL	20	22
>ATM-I1407!KTKLKSILEI	251	>ATM-I1407!KTKLKSILES	5823	5572
>ATM-I1407!KTKLKSILEIL	130	>ATM-I1407!KTKLKSILESL	193	63
>ATM-I1407!ILSKSPDSYQK	71	>ATM-I1407!ILSKSPDSYQI	116	45
>ATM-I1407!ILSKSPDSYQK	62	>ATM-I1407!ILSKSPDSYQI	35	27
>ATM-I1407!ILSKSPDSY	87	>ATM-I1407!ILSKSPDSY	207	120
>ATM-I1407!ILSKSPDSYQK	585	>ATM-I1407!ILSKSPDSYQI	215	370
>ATM-I1407!ILSKSPDSY	449	>ATM-I1407!ILSKSPDSY	595	146
>ATM-I1407!ILSKSPDSY	146	>ATM-I1407!ILSKSPDSY	270	124
>ATM-I1407!ILSKSPDSY	187	>ATM-I1407!ILSKSPDSY	148	39
>ATM-I1407!ILSKSPDSY	48	>ATM-I1407!ILSKSPDSY	433	385
>ATM-I1407!EILSKSPDSY	2253	>ATM-I1407!EILSKSPDSY	196	2057
>ATM-I1407!EILSKSPDSY	637	>ATM-I1407!EILSKSPDSY	110	527
>ATM-I1407!EILSKSPDSY	1813	>ATM-I1407!EILSKSPDSY	457	1356
>ATM-I1407!EILSKSPDSY	33	>ATM-I1407!EILSKSPDSY	7	26
>ATM-I1407!EILSKSPDSYQ	2024	>ATM-I1407!EILSKSPDSYC	339	1685
>ATM-I1407!EILSKSPDSY	114	>ATM-I1407!EILSKSPDSY	12	102
>ATM-I1407!EILSKSPDSYQ	2060	>ATM-I1407!EILSKSPDSYC	332	1728
>ATM-I1407!EILSKSPDSY	4216	>ATM-I1407!EILSKSPDSY	26	4190
>ATM-I1407!EILSKSPDSY	8610	>ATM-I1407!EILSKSPDSY	429	8181
>ATM-I1407!HKTCLKSILEI	320	>ATM-I1407!HKTCLKSILET	5155	4835
>ATM-I1407!LEILSKSP	417	>ATM-I1407!LEILSKSP	493	76
>ATM-I1407!LEILSKSPDSY	842	>ATM-I1407!LEILSKSPDSY	427	415
>ATM-I1407!LEILSKSPDSY	378	>ATM-I1407!LEILSKSPDSY	3978	3600
>ATM-I1407!LEILSKSPDSY	226	>ATM-I1407!LEILSKSPDSY	868	642
>ATM-I1407!LEILSKSPDSY	41	>ATM-I1407!LEILSKSPDSY	118	77
>ATM-I1407!LEILSKSPDSY	314	>ATM-I1407!LEILSKSPDSY	370	56
>ATM-I1407!LEILSKSPDSY	239	>ATM-I1407!LEILSKSPDSY	732	493
>ATM-I1407!SILEILSK	106	>ATM-I1407!SILELSK	118	12
>ATM-I1407!SILEILSK	11	>ATM-I1407!SILELSK	12	1
>ATM-I1407!SILEILSK	137	>ATM-I1407!SILELSK	51	86

>ATM-I1407I SILEILSK	470	>ATM-I1407I SILELSK	931	461
>ATM-I1407I KSILEILSK	173	>ATM-I1407I KSILELSK	152	21
>ATM-I1407I KSILEILSK	13	>ATM-I1407I KSILELSK	12	1
>ATM-I1407I KSILEILSK	21	>ATM-I1407I KSILELSK	15	6
>ATM-I1407I KSILEILSK	372	>ATM-I1407I KSILELSK	461	89
>ATM-I1407I LKSILEIL	329	>ATM-I1407I LKSILEL	227	102
>ATM-I1407I KLKSILEI	92	>ATM-I1407I KLKSILET	2029	1937
>ATM-I1407I KLKSILEIL	378	>ATM-I1407I KLKSILEL	172	206
>ATM-I1407I KLKSILEI	31	>ATM-I1407I KLKSILET	388	357
>ATM-I1407I KLKSILEIL	12	>ATM-I1407I KLKSILEL	10	2
>ATM-I1407I KLKSILEI	8	>ATM-I1407I KLKSILET	82	74
>ATM-I1407I KLKSILEIL	14	>ATM-I1407I KLKSILEL	10	4
>ATM-I1407I KLKSILEIL	871	>ATM-I1407I KLKSILEL	290	581
>ATM-I1407I KLKSILEI	78	>ATM-I1407I KLKSILET	2471	2393
>ATM-I1407I KLKSILEIL	642	>ATM-I1407I KLKSILEL	46	596
>ATM-I1407I KLKSILEI	207	>ATM-I1407I KLKSILET	9459	9252
>ATM-I1407I KLKSILEIL	280	>ATM-I1407I KLKSILEL	46	234
>ATM-I1407I KLKSILEI	33	>ATM-I1407I KLKSILET	396	363
>ATM-I1407I KLKSILEIL	62	>ATM-I1407I KLKSILEL	10	52
>ATM-I1407I KLKSILEILSK	52	>ATM-I1407I KLKSILELSK	50	2
>ATM-I1407I KLKSILEILSK	215	>ATM-I1407I KLKSILELSK	204	11
>ATM-I1407I KLKSILEI	70	>ATM-I1407I KLKSILET	1394	1324
>ATM-I1407I KLKSILEILSK	8	>ATM-I1407I KLKSILELSK	7	1
>ATM-I1407I KLKSILEILSK	138	>ATM-I1407I KLKSILELSK	145	7
>ATM-I1407I KLKSILEI	176	>ATM-I1407I KLKSILET	11156	10980
>ATM-I1407I KLKSILEIL	300	>ATM-I1407I KLKSILEL	24	276
>ATM-I1407I KLKSILEIL	537	>ATM-I1407I KLKSILEL	336	201
>ATM-I1407I TKLKSILEI	46	>ATM-I1407I TKLKSILET	1414	1368
>ATM-I1407I TKLKSILEIL	75	>ATM-I1407I TKLKSILEL	63	12
>ATM-I1407I TKLKSILEIL	365	>ATM-I1407I TKLKSILEL	331	34
>ATM-I1407I KTKLKSILEI	5	>ATM-I1407I KTKLKSILET	26	21
>ATM-I1407I KTKLKSILEIL	54	>ATM-I1407I KTKLKSILEL	40	14
>ATM-I1407I KTKLKSILEI	249	>ATM-I1407I KTKLKSILET	13610	13361
>ATM-I1407I KTKLKSILEIL	418	>ATM-I1407I KTKLKSILEL	63	355
>ATM-I1407I KTKLKSILEI	15	>ATM-I1407I KTKLKSILET	564	549
>ATM-I1407I KTKLKSILEIL	42	>ATM-I1407I KTKLKSILEL	11	31
>ATM-I1407I KTKLKSILEI	251	>ATM-I1407I KTKLKSILET	2976	2725
>ATM-I1407I KTKLKSILEIL	130	>ATM-I1407I KTKLKSILEL	101	29
>ATM-I1469I IYTLIHYI	73	>ATM-I1469I MYTLIHYI	172	99
>ATM-I1469I IYTLIHYI	1090	>ATM-I1469I MYTLIHYI	246	844
>ATM-I1469I IYTLIHYI	79	>ATM-I1469I MYTLIHYI	48	31
>ATM-I1469I IYTLIHYI	63	>ATM-I1469I MYTLIHYI	166	103
>ATM-I1469I IYTLIHYI	20	>ATM-I1469I MYTLIHYI	8	12

>ATM-I1469I IYTLIHYNQR	27	>ATM-I1469I MYTLIHYNQ	10	17
>ATM-I1469I IYTLIHYNQR	21	>ATM-I1469I MYTLIHYNQ	13	8
>ATM-I1469I IYTLIHYNQR	122	>ATM-I1469I MYTLIHYNQ	16	106
>ATM-I1469I IYTLIHYI	6359	>ATM-I1469I MYTLIHYI	152	6207
>ATM-I1469I IYTLIHYNQR	36	>ATM-I1469I MYTLIHYNQ	26	10
>ATM-I1469I IYTLIHYI	366	>ATM-I1469I MYTLIHYI	53	313
>ATM-I1469I VIYTLIHYI	3086	>ATM-I1469I VMYTLIHYI	115	2971
>ATM-I1469I VIYTLIHYI	206	>ATM-I1469I VMYTLIHYI	70	136
>ATM-I1469I VIYTLIHYINQ	993	>ATM-I1469I VMYTLIHYINI	391	602
>ATM-I1469I VIYTLIHYI	416	>ATM-I1469I VMYTLIHYI	167	249
>ATM-I1469I VIYTLIHYI	21	>ATM-I1469I VMYTLIHYI	8	13
>ATM-I1469I VIYTLIHYI	41	>ATM-I1469I VMYTLIHYI	8	33
>ATM-I1469I VIYTLIHYI	13	>ATM-I1469I VMYTLIHYI	5	8
>ATM-I1469I VIYTLIHYI	44	>ATM-I1469I VMYTLIHYI	36	8
>ATM-I1469I VIYTLIHY	5359	>ATM-I1469I VMYTLIHY	191	5168
>ATM-I1469I VIYTLIHYI	3	>ATM-I1469I VMYTLIHYI	1	2
>ATM-I1469I VIYTLIHYIN	6312	>ATM-I1469I VMYTLIHYIN	382	5930
>ATM-I1469I VIYTLIHYINQ	2206	>ATM-I1469I VMYTLIHYINI	98	2108
>ATM-I1469I VIYTLIHYI	46	>ATM-I1469I VMYTLIHYI	4	42
>ATM-I1469I VIYTLIHYI	14	>ATM-I1469I VMYTLIHYI	5	9
>ATM-I1469I VIYTLIHYINQ	6471	>ATM-I1469I VMYTLIHYINI	321	6150
>ATM-I1469I VIYTLIHYI	35	>ATM-I1469I VMYTLIHYI	3	32
>ATM-I1469I VIYTLIHYI	8	>ATM-I1469I VMYTLIHYI	2	6
>ATM-I1469I VIYTLIHYINQ	1821	>ATM-I1469I VMYTLIHYINI	55	1766
>ATM-I1469I VIYTLIHY	84	>ATM-I1469I VMYTLIHY	48	36
>ATM-I1469I VIYTLIHY	208	>ATM-I1469I VMYTLIHY	246	38
>ATM-I1469I VIYTLIHY	49	>ATM-I1469I VMYTLIHY	356	307
>ATM-I1469I VIYTLIHY	30	>ATM-I1469I VMYTLIHY	10	20
>ATM-I1469I VIYTLIHY	64	>ATM-I1469I VMYTLIHY	19	45
>ATM-I1469I VIYTLIHYI	1180	>ATM-I1469I VMYTLIHYI	320	860
>ATM-I1469I VIYTLIHYI	897	>ATM-I1469I VMYTLIHYI	446	451
>ATM-I1469I VIYTLIHYI	134	>ATM-I1469I VMYTLIHYI	1585	1451
>ATM-I1469I VIYTLIHYI	129	>ATM-I1469I VMYTLIHYI	320	191
>ATM-I1469I VIYTLIHY	50	>ATM-I1469I VMYTLIHY	27	23
>ATM-I1469I VIYTLIHY	153	>ATM-I1469I VMYTLIHY	42	111
>ATM-I1469I VIYTLIHY	1600	>ATM-I1469I VMYTLIHY	208	1392
>ATM-I1469I VIYTLIHY	330	>ATM-I1469I VMYTLIHY	8	322
>ATM-I1469I VIYTLIHYI	2006	>ATM-I1469I VMYTLIHYI	102	1904
>ATM-I1469I VIYTLIHY	186	>ATM-I1469I VMYTLIHY	95	91
>ATM-I1469I VIYTLIHY	1041	>ATM-I1469I VMYTLIHY	347	694
>ATM-I1469I VIYTLIHYI	328	>ATM-I1469I VMYTLIHYI	110	218
>ATM-I1469I GAWAFVLRD	8689	>ATM-I1469I GAWAFVLRD	226	8463
>ATM-I1469I GAWAFVLRD	2105	>ATM-I1469I GAWAFVLRD	276	1829

>ATM-I1469I GAWAFVLRD	129	>ATM-I1469I GAWAFVLRD	3501	3372
>ATM-I1469I DVIYTLIHYI	1151	>ATM-I1469I DVMYTLIHYI	253	898
>ATM-I1469I DVIYTLIHYI	661	>ATM-I1469I DVMYTLIHYI	219	442
>ATM-I1469I DVIYTLIHYI	363	>ATM-I1469I DVMYTLIHYI	134	229
>ATM-I1469I DVIYTLIHYI	263	>ATM-I1469I DVMYTLIHYI	156	107
>ATM-I1469I DVIYTLIHYI	7097	>ATM-I1469I DVMYTLIHYI	237	6860
>ATM-I1469I DVIYTLIHY	156	>ATM-I1469I DVMYTLIHY	303	147
>ATM-I1469I DVIYTLIHY	14	>ATM-I1469I DVMYTLIHY	24	10
>ATM-I1469I DVIYTLIH	141	>ATM-I1469I DVMYTLIH	1124	983
>ATM-I1469I DVIYTLIHY	2	>ATM-I1469I DVMYTLIHY	3	1
>ATM-I1469I DVIYTLIHYI	12	>ATM-I1469I DVMYTLIHYI	75	63
>ATM-I1469I DVIYTLIHY	64	>ATM-I1469I DVMYTLIHY	268	204
>ATM-I1469I DVIYTLIHY	43	>ATM-I1469I DVMYTLIHY	112	69
>ATM-I1469I DVIYTLIHY	204	>ATM-I1469I DVMYTLIHY	208	4
>ATM-I1469I DVIYTLIHYI	62	>ATM-I1469I DVMYTLIHYI	51	11
>ATM-I1469I DVIYTLIHYI	18	>ATM-I1469I DVMYTLIHYI	10	8
>ATM-I1469I RDVIYTLIHYI	271	>ATM-I1469I RDVMYTLIHY	154	117
>ATM-I1469I RDVIYTLIHY	344	>ATM-I1469I RDVMYTLIHY	293	51
>ATM-I1469I RDVIYTLIHY	270	>ATM-I1469I RDVMYTLIHY	248	22
>ATM-I1469I RDVIYTLI	472	>ATM-I1469I RDVMYTLI	257	215
>ATM-I1469I RDVIYTLIHYI	329	>ATM-I1469I RDVMYTLIHY	227	102
>ATM-I1469I RDVIYTLI	117	>ATM-I1469I RDVMYTLI	277	160
>ATM-I1469I RDVIYTLIHYI	45	>ATM-I1469I RDVMYTLIHY	47	2
>ATM-I1469I RDVIYTLI	29	>ATM-I1469I RDVMYTLI	28	1
>ATM-I1469I RDVIYTLIHYI	34	>ATM-I1469I RDVMYTLIHY	38	4
>ATM-I1469I LRDVIYTL	223	>ATM-I1469I LRDVMYTL	221	2
>ATM-I1469I LRDVIYTLI	361	>ATM-I1469I LRDVMYTLI	184	177
>ATM-I1469I VLRDVIYTL	38	>ATM-I1469I VLRDVMYTL	52	14
>ATM-I1469I VLRDVIYTL	29	>ATM-I1469I VLRDVMYTL	26	3
>ATM-I1469I VLRDVIYTLI	126	>ATM-I1469I VLRDVMYTLI	148	22
>ATM-I1469I VLRDVIYTL	145	>ATM-I1469I VLRDVMYTL	65	80
>ATM-I1469I VLRDVIYTL	16	>ATM-I1469I VLRDVMYTL	19	3
>ATM-I1469I VLRDVIYTLI	229	>ATM-I1469I VLRDVMYTLI	256	27
>ATM-I1469I VLRDVIYTL	294	>ATM-I1469I VLRDVMYTL	294	0
>ATM-I1469I VLRDVIYTL	22	>ATM-I1469I VLRDVMYTL	53	31
>ATM-I1469I VLRDVIYTL	2	>ATM-I1469I VLRDVMYTL	4	2
>ATM-I1469I VLRDVIYTLI	18	>ATM-I1469I VLRDVMYTLI	40	22
>ATM-I1469I VLRDVIYTL	4	>ATM-I1469I VLRDVMYTL	7	3
>ATM-I1469I VLRDVIYTLI	188	>ATM-I1469I VLRDVMYTLI	326	138
>ATM-I1469I VLRDVIYTL	481	>ATM-I1469I VLRDVMYTL	972	491
>ATM-I1469I VLRDVIYTL	12	>ATM-I1469I VLRDVMYTL	30	18
>ATM-I1469I VLRDVIYTLI	97	>ATM-I1469I VLRDVMYTLI	209	112
>ATM-I1469I VLRDVIYTL	9	>ATM-I1469I VLRDVMYTL	103	94

>ATM-I1469I VLRDVIYT	12	>ATM-I1469I VLRDVMYT	15	3
>ATM-I1469I VLRDVIYTL	2	>ATM-I1469I VLRDVMYTL	3	1
>ATM-I1469I VLRDVIYTLI	6	>ATM-I1469I VLRDVMYTLI	8	2
>ATM-I1469I VLRDVIYTL	444	>ATM-I1469I VLRDVMYTL	581	137
>ATM-I1469I FVLRDVIYTLI	393	>ATM-I1469I FVLRDVMYTL	170	223
>ATM-I1469I FVLRDVIYT	178	>ATM-I1469I FVLRDVMYT	202	24
>ATM-I1469I FVLRDVIYTL	33	>ATM-I1469I FVLRDVMYTL	38	5
>ATM-I1469I FVLRDVIYTLI	53	>ATM-I1469I FVLRDVMYTL	56	3
>ATM-I1469I FVLRDVIYTL	29	>ATM-I1469I FVLRDVMYTL	28	1
>ATM-I1469I FVLRDVIYTLI	98	>ATM-I1469I FVLRDVMYTL	146	48
>ATM-I1469I FVLRDVIYTL	127	>ATM-I1469I FVLRDVMYTL	156	29
>ATM-I1469I FVLRDVIYTLI	74	>ATM-I1469I FVLRDVMYTL	50	24
>ATM-I1469I FVLRDVIYT	28	>ATM-I1469I FVLRDVMYT	31	3
>ATM-I1469I FVLRDVIYTL	24	>ATM-I1469I FVLRDVMYTL	28	4
>ATM-I1469I FVLRDVIYTLI	10	>ATM-I1469I FVLRDVMYTL	10	0
>ATM-I1469I FVLRDVIYT	57	>ATM-I1469I FVLRDVMYT	89	32
>ATM-I1469I FVLRDVIYTL	4	>ATM-I1469I FVLRDVMYTL	6	2
>ATM-I1469I FVLRDVIYTLI	52	>ATM-I1469I FVLRDVMYTL	79	27
>ATM-I1469I FVLRDVIYTL	6	>ATM-I1469I FVLRDVMYTL	7	1
>ATM-I1469I FVLRDVIYTLI	311	>ATM-I1469I FVLRDVMYTL	356	45
>ATM-I1469I FVLRDVIYTL	14	>ATM-I1469I FVLRDVMYTL	23	9
>ATM-I1469I FVLRDVIYTLI	103	>ATM-I1469I FVLRDVMYTL	137	34
>ATM-I1469I FVLRDVIYTL	9	>ATM-I1469I FVLRDVMYTL	25	16
>ATM-I1469I FVLRDVIYTLI	419	>ATM-I1469I FVLRDVMYTL	497	78
>ATM-I1469I FVLRDVIYT	587	>ATM-I1469I FVLRDVMYT	312	275
>ATM-I1469I FVLRDVIYTL	7	>ATM-I1469I FVLRDVMYTL	10	3
>ATM-I1469I FVLRDVIYTLI	101	>ATM-I1469I FVLRDVMYTL	76	25
>ATM-I1469I FVLRDVIYTL	451	>ATM-I1469I FVLRDVMYTL	322	129
>ATM-I1469I FVLRDVIY	88	>ATM-I1469I FVLRDVMY	93	5
>ATM-I1469I FVLRDVIYTL	299	>ATM-I1469I FVLRDVMYTL	147	152
>ATM-I1469I FVLRDVIY	52	>ATM-I1469I FVLRDVMY	19	33
>ATM-I1469I FVLRDVIYTL	431	>ATM-I1469I FVLRDVMYTL	568	137
>ATM-I1469I FVLRDVIYTL	512	>ATM-I1469I FVLRDVMYTL	379	133
>ATM-I1469I FVLRDVIYTLI	159	>ATM-I1469I FVLRDVMYTL	196	37
>ATM-I1469I FVLRDVIYTL	45	>ATM-I1469I FVLRDVMYTL	31	14
>ATM-I1469I FVLRDVIYTLI	49	>ATM-I1469I FVLRDVMYTL	66	17
>ATM-I1469I FVLRDVIY	379	>ATM-I1469I FVLRDVMY	255	124
>ATM-I1469I FVLRDVIY	344	>ATM-I1469I FVLRDVMY	344	0
>ATM-I1469I FVLRDVIY	306	>ATM-I1469I FVLRDVMY	371	65
>ATM-I1469I FVLRDVIY	70	>ATM-I1469I FVLRDVMY	106	36
>ATM-I1469I FVLRDVIYTL	507	>ATM-I1469I FVLRDVMYTL	458	49
>ATM-I1469I FVLRDVIYTLI	422	>ATM-I1469I FVLRDVMYTL	643	221
>ATM-I1469I AFVLRDVIYTL	489	>ATM-I1469I AFVLRDVMY	480	9



>ATM-I1469I AFVLRDVIY	230	>ATM-I1469I AFVLRDVMY	52	178
>ATM-I1469I AFVLRDVIYTL	480	>ATM-I1469I AFVLRDVMY	516	36
>ATM-I1469I WAFVLRDVI	206	>ATM-I1469I WAFVLRDVM	56	150
>ATM-I1469I WAFVLRDVIY	397	>ATM-I1469I WAFVLRDVM	330	67
>ATM-I1469I WAFVLRDVIY	594	>ATM-I1469I WAFVLRDVM	325	269
>ATM-I1469I WAFVLRDVIY	929	>ATM-I1469I WAFVLRDVM	386	543
>ATM-I1469I WAFVLRDVI	153	>ATM-I1469I WAFVLRDVM	2183	2030
>ATM-I1469I WAFVLRDVIY	488	>ATM-I1469I WAFVLRDVM	400	88
>ATM-I1469I WAFVLRDVIY	78	>ATM-I1469I WAFVLRDVM	118	40
>ATM-I1469I WAFVLRDVIY	93	>ATM-I1469I WAFVLRDVM	45	48
>ATM-I1469I WAFVLRDVI	1668	>ATM-I1469I WAFVLRDVM	31	1637
>ATM-I1469I WAFVLRDVI	304	>ATM-I1469I WAFVLRDVM	37	267
>ATM-I1469I WAFVLRDVIY	239	>ATM-I1469I WAFVLRDVM	175	64
>ATM-I1469I WAFVLRDVI	490	>ATM-I1469I WAFVLRDVM	6439	5949
>ATM-I1469I WAFVLRDVI	200	>ATM-I1469I WAFVLRDVM	3831	3631
>ATM-I1469I AWAFVLRDV	443	>ATM-I1469I AWAFVLRDV	3619	3176
>ATM-I1469I AWAFVLRDV	235	>ATM-I1469I AWAFVLRDV	84	151
>ATM-I1469I AWAFVLRDV	125	>ATM-I1469I AWAFVLRDV	122	3
>ATM-I1681\IDFSTIAI	455	>ATM-I1681\IDFSTIAI	1118	663
>ATM-I1681\IDFSTIAI	340	>ATM-I1681\IDFSTIAI	328	12
>ATM-I1681\IDFSTIAI	59	>ATM-I1681\IDFSTIAI	55	4
>ATM-I1681\GPIDFSTI	123	>ATM-I1681\GPVDFSTI	132	9
>ATM-I1681\GPIDFSTIA	153	>ATM-I1681\GPVDFSTIA	168	15
>ATM-I1681\GPIDFSTIAI	371	>ATM-I1681\GPVDFSTIAI	416	45
>ATM-I1681\VGPIIDFSTI	446	>ATM-I1681\VGPIIDFSTI	555	109
>ATM-I1681\VGPIIDFSTIAI	182	>ATM-I1681\VGPIIDFSTIAI	212	30
>ATM-I1681\VGPIIDFSTI	111	>ATM-I1681\VGPIIDFSTI	250	139
>ATM-I1681\VGPIIDFSTIAI	159	>ATM-I1681\VGPIIDFSTIAI	309	150
>ATM-I1681\EVGPIIDFS	205	>ATM-I1681\EVGPIIDFS	358	153
>ATM-I1681\EVGPIIDFST	113	>ATM-I1681\EVGPIIDFST	214	101
>ATM-I1681\EVGPIIDFSTI	404	>ATM-I1681\EVGPIIDFSTI	632	228
>ATM-I1681\EVGPIIDFSTIA	75	>ATM-I1681\EVGPIIDFSTIA	108	33
>ATM-I1681\EVGPIIDFSTI	166	>ATM-I1681\EVGPIIDFSTI	214	48
>ATM-I1681\GEVGPIDF	61	>ATM-I1681\GEVGPVDF	90	29
>ATM-I1681\GEVGPIDFSTI	19	>ATM-I1681\GEVGPVDFSTI	21	2
>ATM-I1681\GEVGPIDFST	275	>ATM-I1681\GEVGPVDFSTI	244	31
>ATM-I1681\GEVGPIDFSTI	251	>ATM-I1681\GEVGPVDFSTI	266	15
>ATM-I1681\GEVGPIDF	470	>ATM-I1681\GEVGPVDF	509	39
>ATM-I1681\GEVGPIDF	78	>ATM-I1681\GEVGPVDF	101	23
>ATM-I1681\GEVGPIDFSTI	6	>ATM-I1681\GEVGPVDFSTI	6	0
>ATM-I1681\CLGEVGPI	859	>ATM-I1681\CLGEVGPV	264	595
>ATM-I1681\CLGEVGPI	613	>ATM-I1681\CLGEVGPV	163	450
>ATM-I1681\CLGEVGPI	95	>ATM-I1681\CLGEVGPV	21	74

>ATM-I1681\CLGEVGPI	2164	>ATM-I1681\CLGEVGPV	393	1771
>ATM-I1681\CLGEVGPI	19	>ATM-I1681\CLGEVGPV	4	15
>ATM-I1681\CLGEVGPI	73	>ATM-I1681\CLGEVGPV	12	61
>ATM-I1681\CLGEVGPI	218	>ATM-I1681\CLGEVGPV	20	198
>ATM-I1681\CLGEVGPI	406	>ATM-I1681\CLGEVGPV	17	389
>ATM-I1681\CLGEVGPI	316	>ATM-I1681\CLGEVGPV	6	310
>ATM-I1681\SCLGEVGPI	2132	>ATM-I1681\SCLGEVGPV	165	1967
>ATM-I1681\SCLGEVGPI	6152	>ATM-I1681\SCLGEVGPV	474	5678
>ATM-I1681\SCLGEVGPI	2956	>ATM-I1681\SCLGEVGPV	467	2489
>ATM-I1681\GSCLGEVGPI	250	>ATM-I1681\GSCLGEVGPV	12823	12573
>ATM-I2076\ILSVYKGL	305	>ATM-I2076\SLSVYKGL	248	57
>ATM-I2076\ILSVYKGL	18	>ATM-I2076\SLSVYKGL	12	6
>ATM-I2076\ILSVYKGL	43	>ATM-I2076\SLSVYKGL	40	3
>ATM-I2076\ILSVYKGL	387	>ATM-I2076\SLSVYKGL	544	157
>ATM-I2076\ILSVYKGL	52	>ATM-I2076\SLSVYKGL	43	9
>ATM-I2076\ILSVYKGL	227	>ATM-I2076\SLSVYKGL	140	87
>ATM-I2076\ILSVYKGL	1020	>ATM-I2076\SLSVYKGL	148	872
>ATM-I2076\ILSVYKGL	89	>ATM-I2076\SLSVYKGL	636	547
>ATM-I2076\ILSVYKGL	8	>ATM-I2076\SLSVYKGL	8	0
>ATM-I2076\ILSVYKGLDY	40	>ATM-I2076\SLSVYKGLDY	45	5
>ATM-I2076\ILSVYKGLDY	199	>ATM-I2076\SLSVYKGLDY	250	51
>ATM-I2076\ILSVYKGLDY	51	>ATM-I2076\SLSVYKGLDY	32	19
>ATM-I2076\ILSVYKGLDY	373	>ATM-I2076\SLSVYKGLDY	304	69
>ATM-I2076\ILSVYKGLDY	658	>ATM-I2076\SLSVYKGLDY	335	323
>ATM-I2076\ILSVYKGLDY	244	>ATM-I2076\SLSVYKGLDY	873	629
>ATM-I2076\ILSVYKGLDY	742	>ATM-I2076\SLSVYKGLDY	323	419
>ATM-I2076\HILSVYKGL	322	>ATM-I2076\HLSVYKGL	3105	2783
>ATM-I2076\HILSVYKGL	344	>ATM-I2076\HLSVYKGL	5955	5611
>ATM-I2076\HILSVYKGL	194	>ATM-I2076\HLSVYKGL	9072	8878
>ATM-I2076\HILSVYK	54	>ATM-I2076\HLSVYK	82	28
>ATM-I2076\HILSVYK	17	>ATM-I2076\HLSVYK	12	5
>ATM-I2076\HILSVYK	25	>ATM-I2076\HLSVYK	14	11
>ATM-I2076\HILSVYK	78	>ATM-I2076\HLSVYK	44	34
>ATM-I2076\HILSVYK	329	>ATM-I2076\HLSVYK	476	147
>ATM-I2076\HILSVYK	36	>ATM-I2076\HLSVYK	31	5
>ATM-I2076\HILSVYKGL	191	>ATM-I2076\HLSVYKGL	457	266
>ATM-I2076\HILSVYKGL	4682	>ATM-I2076\HLSVYKGL	27	4655
>ATM-I2076\HILSVYK	4314	>ATM-I2076\HLSVYK	330	3984
>ATM-I2076\HILSVYK	118	>ATM-I2076\HLSVYK	901	783
>ATM-I2076\QALQNLGLCF	52	>ATM-I2076\QALQNLGLCF	10367	10315
>ATM-I2076\QALQNLGLCF	278	>ATM-I2076\QALQNLGLCF	11613	11335
>ATM-I2076\QALQNLGLCF	425	>ATM-I2076\QALQNLGLCF	34203	33778
>ATM-I2076\CHILSVYL	236	>ATM-I2076\CHLSVYL	520	284

>ATM-I2076:LCHILSVYL	981	>ATM-I2076:LCHSLSVYL	301	680
>ATM-I2076:LCHILSVYLK	82	>ATM-I2076:LCHSLSVYLK	69	13
>ATM-I2076:LCHILSVY	640	>ATM-I2076:LCHSLSVY	431	209
>ATM-I2076:LCHILSVY	1583	>ATM-I2076:LCHSLSVY	301	1282
>ATM-I2076:GLCHILSV	32	>ATM-I2076:GLCHSLSV	68	36
>ATM-I2076:GLCHILSVYL	114	>ATM-I2076:GLCHSLSVYL	95	19
>ATM-I2076:GLCHILSV	21	>ATM-I2076:GLCHSLSV	37	16
>ATM-I2076:GLCHILSVYL	63	>ATM-I2076:GLCHSLSVYL	51	12
>ATM-I2076:GLCHILSV	8	>ATM-I2076:GLCHSLSV	8	0
>ATM-I2076:GLCHILSVYL	164	>ATM-I2076:GLCHSLSVYL	139	25
>ATM-I2076:GLCHILSV	62	>ATM-I2076:GLCHSLSV	99	37
>ATM-I2076:GLCHILSV	4	>ATM-I2076:GLCHSLSV	7	3
>ATM-I2076:GLCHILSVYL	13	>ATM-I2076:GLCHSLSVYL	15	2
>ATM-I2076:GLCHILSV	22	>ATM-I2076:GLCHSLSV	24	2
>ATM-I2076:GLCHILSVYL	51	>ATM-I2076:GLCHSLSVYL	39	12
>ATM-I2076:GLCHILSV	15	>ATM-I2076:GLCHSLSV	19	4
>ATM-I2076:GLCHILSVYL	56	>ATM-I2076:GLCHSLSVYL	64	8
>ATM-I2076:GLCHILSV	226	>ATM-I2076:GLCHSLSV	519	293
>ATM-I2076:GLCHILSV	3	>ATM-I2076:GLCHSLSV	3	0
>ATM-I2076:GLCHILSVYL	13	>ATM-I2076:GLCHSLSVYL	13	0
>ATM-I2076:GLCHILSVYLK	71	>ATM-I2076:GLCHSLSVYLI	60	11
>ATM-I2076:GLCHILSVYLK	21	>ATM-I2076:GLCHSLSVYLI	19	2
>ATM-I2076:GLCHILSVY	76	>ATM-I2076:GLCHSLSVY	272	196
>ATM-I2076:GLCHILSVY	33	>ATM-I2076:GLCHSLSVY	60	27
>ATM-I2076:GLCHILSVY	255	>ATM-I2076:GLCHSLSVY	2288	2033
>ATM-I2076:GLCHILSVY	74	>ATM-I2076:GLCHSLSVY	40	34
>ATM-I2076:GLCHILSVY	694	>ATM-I2076:GLCHSLSVY	145	549
>ATM-I2076:GLCHILSVY	661	>ATM-I2076:GLCHSLSVY	159	502
>ATM-I2076:GLCHILSVY	16	>ATM-I2076:GLCHSLSVY	29	13
>ATM-I2076:GLCHILSVY	559	>ATM-I2076:GLCHSLSVY	451	108
>ATM-I2076:LGLCHILSV	101	>ATM-I2076:LGLCHSLSV	368	267
>ATM-I2076:LGLCHILSV	265	>ATM-I2076:LGLCHSLSV	1384	1119
>ATM-I2076:LGLCHILSV	372	>ATM-I2076:LGLCHSLSV	296	76
>ATM-I2076:LGLCHILSVY	169	>ATM-I2076:LGLCHSLSVY	88	81
>ATM-I2076:LGLCHILSVY	305	>ATM-I2076:LGLCHSLSVY	127	178
>ATM-I2076:LGLCHILSVY	823	>ATM-I2076:LGLCHSLSVY	231	592
>ATM-I2076:NLGLCHILSV	40	>ATM-I2076:NLGLCHSLSV	82	42
>ATM-I2076:NLGLCHIL	365	>ATM-I2076:NLGLCHSL	136	229
>ATM-I2076:NLGLCHILSV	44	>ATM-I2076:NLGLCHSLSV	45	1
>ATM-I2076:NLGLCHILSV	32	>ATM-I2076:NLGLCHSLSV	48	16
>ATM-I2076:NLGLCHILSV	230	>ATM-I2076:NLGLCHSLSV	578	348
>ATM-I2076:NLGLCHILSV	36	>ATM-I2076:NLGLCHSLSV	85	49
>ATM-I2076:NLGLCHIL	501	>ATM-I2076:NLGLCHSL	299	202

>ATM-I2076\$NLGLCHILSV	34	>ATM-I2076\$NLGLCHSLSV	43	9
>ATM-I2076\$NLGLCHILSV	86	>ATM-I2076\$NLGLCHSLSV	144	58
>ATM-I2076\$NLGLCHIL	520	>ATM-I2076\$NLGLCHSL	139	381
>ATM-I2076\$NLGLCHILSV	28	>ATM-I2076\$NLGLCHSLSV	33	5
>ATM-I2076\$NLGLCHIL	142	>ATM-I2076\$NLGLCHSL	42	100
>ATM-I2076\$NLGLCHILSV	9	>ATM-I2076\$NLGLCHSLSV	12	3
>ATM-I2076\$NLGLCHILSV\	262	>ATM-I2076\$NLGLCHSLSV	459	197
>ATM-I2076\$NLGLCHILSV\	379	>ATM-I2076\$NLGLCHSLSV	288	91
>ATM-I2076\$NLGLCHILSV\	203	>ATM-I2076\$NLGLCHSLSV	451	248
>ATM-I2076\$NLGLCHILSV\	519	>ATM-I2076\$NLGLCHSLSV	282	237
>ATM-I2076\$NLGLCHILSV\	1258	>ATM-I2076\$NLGLCHSLSV	465	793
>ATM-I2076\$LQNLGLCHI	274	>ATM-I2076\$LQNLGLCHS	26902	26628
>ATM-I2076\$LQNLGLCHIL	1176	>ATM-I2076\$LQNLGLCHSL	304	872
>ATM-I2076\$LQNLGLCHI	217	>ATM-I2076\$LQNLGLCHS	7270	7053
>ATM-I2076\$LQNLGLCHI	28	>ATM-I2076\$LQNLGLCHS	1186	1158
>ATM-I2076\$LQNLGLCHI	123	>ATM-I2076\$LQNLGLCHS	1152	1029
>ATM-I2076\$LQNLGLCHIL	468	>ATM-I2076\$LQNLGLCHSL	123	345
>ATM-I2076\$LQNLGLCHIL	470	>ATM-I2076\$LQNLGLCHSL	271	199
>ATM-I2076\$ALQNLGLCHI	253	>ATM-I2076\$ALQNLGLCH\$	89	164
>ATM-I2076\$ALQNLGLCHI	153	>ATM-I2076\$ALQNLGLCH\$	6221	6068
>ATM-I2076\$ALQNLGLCHI	85	>ATM-I2076\$ALQNLGLCH\$	41	44
>ATM-I2076\$ALQNLGLCHI	57	>ATM-I2076\$ALQNLGLCH\$	4167	4110
>ATM-I2076\$ALQNLGLCHI	623	>ATM-I2076\$ALQNLGLCH\$	218	405
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>ATM-I2076\$ALQNLGLCHI	179	>ATM-I2076\$ALQNLGLCH\$	34	145
>ATM-I2076\$ALQNLGLCHI	20	>ATM-I2076\$ALQNLGLCH\$	4870	4850
>ATM-I2076\$ALQNLGLCHI	44	>ATM-I2076\$ALQNLGLCH\$	24	20
>ATM-I2076\$ALQNLGLCHI	31	>ATM-I2076\$ALQNLGLCH\$	4196	4165
>ATM-I2076\$ALQNLGLCHI	112	>ATM-I2076\$ALQNLGLCH\$	62	50
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>ATM-I2076\$ALQNLGLCHI	11	>ATM-I2076\$ALQNLGLCH\$	877	866
>ATM-I2076\$ALQNLGLCHI	6	>ATM-I2076\$ALQNLGLCH\$	4	2
>ATM-I2076\$ALQNLGLCHI	1229	>ATM-I2076\$ALQNLGLCH\$	338	891
>ATM-I2356fIMQTYLEKA	64	>ATM-I2356fFMQTYLEKA	12	52
>ATM-I2356fIMQTYLEKAV	856	>ATM-I2356fFMQTYLEKA\	112	744
>ATM-I2356fIMQTYLEKA	41	>ATM-I2356fFMQTYLEKA	5	36
>ATM-I2356fIMQTYLEKAV	197	>ATM-I2356fFMQTYLEKA\	33	164
>ATM-I2356fIMQTYLEKA	43	>ATM-I2356fFMQTYLEKA	5	38
>ATM-I2356fIMQTYLEKAV	132	>ATM-I2356fFMQTYLEKA\	33	99
>ATM-I2356fIMQTYLEKA	285	>ATM-I2356fFMQTYLEKA	22	263
>ATM-I2356fIMQTYLEKAV	1233	>ATM-I2356fFMQTYLEKA\	115	1118
>ATM-I2356fIMQTYLEKA	42	>ATM-I2356fFMQTYLEKA	7	35
>ATM-I2356fIMQTYLEKAV	8	>ATM-I2356fFMQTYLEKA\	3	5

>ATM-I2356FIMQTYLEKA	236	>ATM-I2356FFMQTYLEKA	14	222
>ATM-I2356FIMQTYLEKAV	14	>ATM-I2356FFMQTYLEKA\	3	11
>ATM-I2356FIMQTYLEKA	2719	>ATM-I2356FFMQTYLEKA	186	2533
>ATM-I2356FIMQTYLEKAV	216	>ATM-I2356FFMQTYLEKA\	28	188
>ATM-I2356FIMQTYLEKA	319	>ATM-I2356FFMQTYLEKA	46	273
>ATM-I2356FIMQTYLEKAV	57	>ATM-I2356FFMQTYLEKA\	19	38
>ATM-I2356FIMQTYLEK	5235	>ATM-I2356FFMQTYLEK	340	4895
>ATM-I2356FIMQTYLEKA	35	>ATM-I2356FFMQTYLEKA	6	29
>ATM-I2356FIMQTYLEKAV	6	>ATM-I2356FFMQTYLEKA\	2	4
>ATM-I2356FIMQTYLEK	133	>ATM-I2356FFMQTYLEK	747	614
>ATM-I2356FIMQTYLEK	19	>ATM-I2356FFMQTYLEK	45	26
>ATM-I2356FIMQTYLEK	314	>ATM-I2356FFMQTYLEK	1973	1659
>ATM-I2356FIMQTYLEKAV	170	>ATM-I2356FFMQTYLEKA\	135	35
>ATM-I2356FVIMQTYLEKA	291	>ATM-I2356FVFMQTYLEK/	5232	4941
>ATM-I2356FVIMQTYLEKA	434	>ATM-I2356FVFMQTYLEK/	2923	2489
>ATM-I2356FVIMQTYLEKA	158	>ATM-I2356FVFMQTYLEK/	6531	6373
>ATM-I2356FVIMQTYLEKA	93	>ATM-I2356FVFMQTYLEK/	7026	6933
>ATM-I2356FVIMQTYLEKA	277	>ATM-I2356FVFMQTYLEK/	9200	8923
>ATM-I2356FVIMQTYLEKA	162	>ATM-I2356FVFMQTYLEK/	4165	4003
>ATM-I2356FVIMQTYLEKA	407	>ATM-I2356FVFMQTYLEK/	11528	11121
>ATM-I2356FVIMQTYLEKA	33	>ATM-I2356FVFMQTYLEK/	2216	2183
>ATM-I2356FVIMQTYLEKA	371	>ATM-I2356FVFMQTYLEK/	9898	9527
>ATM-I2356FVIMQTYLEKA	337	>ATM-I2356FVFMQTYLEK/	6045	5708
>ATM-I2356FVIMQTYLEKA	116	>ATM-I2356FVFMQTYLEK/	8760	8644
>ATM-I2356FVIMQTYLEKA	352	>ATM-I2356FVFMQTYLEK/	15719	15367
>ATM-I2356FVIMQTYLEKA	26	>ATM-I2356FVFMQTYLEK/	2259	2233
>ATM-I2356FVIMQTYLEK	69	>ATM-I2356FVFMQTYLEK	1790	1721
>ATM-I2356FVIMQTYLEK	13	>ATM-I2356FVFMQTYLEK	80	67
>ATM-I2356FVIMQTYLEK	7128	>ATM-I2356FVFMQTYLEK	163	6965
>ATM-I2356FVIMQTYLEK	293	>ATM-I2356FVFMQTYLEK	393	100
>ATM-I2356FVIMQTYLEKA	20632	>ATM-I2356FVFMQTYLEK/	449	20183
>ATM-I2356FAETCLENPAV	271	>ATM-I2356FAETCLENPAV	11278	11007
>ATM-I2356FAETCLENPAV	4208	>ATM-I2356FAETCLENPAV	141	4067
>ATM-I2356FAETCLENPAV	79	>ATM-I2356FAETCLENPAV	233	154
>ATM-I2356FAETCLENPAV	499	>ATM-I2356FAETCLENPAV	608	109
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>ATM-I2356FAETCLENPAV	84	>ATM-I2356FAETCLENPAV	579	495
>ATM-I2356FAETCLENPAV	15	>ATM-I2356FAETCLENPAV	263	248
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>ATM-I2356FVIMQTYL	391	>ATM-I2356FVFMQTYL	128	263
>ATM-I2356FVIMQTYL	66	>ATM-I2356FVFMQTYL	24	42
>ATM-I2356FVIMQTYLEK	831	>ATM-I2356FVFMQTYLEK	216	615

>ATM-I2356f AVIMQTYL	260	>ATM-I2356f AVFMQTYL	198	62
>ATM-I2356f AVIMQTYLEK	507	>ATM-I2356f AVFMQTYLEf	393	114
>ATM-I2356f AVIMQTYL	62	>ATM-I2356f AVFMQTYL	82	20
>ATM-I2356f AVIMQTYLEK	237	>ATM-I2356f AVFMQTYLEf	261	24
>ATM-I2356f AVIMQTYL	992	>ATM-I2356f AVFMQTYL	109	883
>ATM-I2356f AVIMQTYL	2790	>ATM-I2356f AVFMQTYL	260	2530
>ATM-I2356f AVIMQTYL	141	>ATM-I2356f AVFMQTYL	40	101
>ATM-I2356f AVIMQTYLEK	22	>ATM-I2356f AVFMQTYLEf	17	5
>ATM-I2356f AVIMQTYLEK	5	>ATM-I2356f AVFMQTYLEf	5	0
>ATM-I2356f AVIMQTYL	85	>ATM-I2356f AVFMQTYL	7743	7658
>ATM-I2356f AVIMQTYL	2571	>ATM-I2356f AVFMQTYL	422	2149
>ATM-I2356f AVIMQTYLEK	22	>ATM-I2356f AVFMQTYLEf	8	14
>ATM-I2356f AVIMQTYL	1747	>ATM-I2356f AVFMQTYL	204	1543
>ATM-I2356f AVIMQTYLEK	117	>ATM-I2356f AVFMQTYLEf	79	38
>ATM-I2356f AVIMQTYL	415	>ATM-I2356f AVFMQTYL	185	230
>ATM-I2356f AVIMQTYL	1061	>ATM-I2356f AVFMQTYL	442	619
>ATM-I2356f AVIMQTYLEK	163	>ATM-I2356f AVFMQTYLEf	84	79
>ATM-I2356f PAVIMQTY	413	>ATM-I2356f PAVFMQTY	645	232
>ATM-I2356f PAVIMQTY	525	>ATM-I2356f PAVFMQTY	390	135
>ATM-I2356f NPAVIMQTYI	91	>ATM-I2356f NPAVFMQTY	179	88
>ATM-I2356f NPAVIMQTY	1394	>ATM-I2356f NPAVFMQTY	353	1041
>ATM-I2356f NPAVIMQTY	377	>ATM-I2356f NPAVFMQTY	227	150
>ATM-I2356f NPAVIMQTY	14	>ATM-I2356f NPAVFMQTY	14	0
>ATM-I2356f NPAVIMQTY	155	>ATM-I2356f NPAVFMQTY	136	19
>ATM-I2356f NPAVIMQTY	5	>ATM-I2356f NPAVFMQTY	5	0
>ATM-I2356f NPAVIMQTY	309	>ATM-I2356f NPAVFMQTY	156	153
>ATM-I2356f ENPAVIMQTY	1510	>ATM-I2356f ENPAVFMQTY	446	1064
>ATM-I2356f ENPAVIMQTY	79	>ATM-I2356f ENPAVFMQTY	50	29
>ATM-I2356f LENPAVIM	277	>ATM-I2356f LENPAVFM	215	62
>ATM-I2356f LENPAVIMQTY	124	>ATM-I2356f LENPAVFMQTY	106	18
>ATM-I2356f LENPAVIMQTY	163	>ATM-I2356f LENPAVFMQTY	128	35
>ATM-I2356f LENPAVIM	135	>ATM-I2356f LENPAVFM	147	12
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>ATM-I2356f LENPAVIMQTY	10	>ATM-I2356f LENPAVFMQTY	9	1
>ATM-I2356f LENPAVIM	176	>ATM-I2356f LENPAVFM	205	29
>ATM-I2356f LENPAVIMQTY	713	>ATM-I2356f LENPAVFMQTY	344	369
>ATM-I2356f LENPAVIMQTY	176	>ATM-I2356f LENPAVFMQTY	180	4
>ATM-I2356f LENPAVIM	770	>ATM-I2356f LENPAVFM	338	432
>ATM-I2356f LENPAVIMQTY	98	>ATM-I2356f LENPAVFMQTY	91	7
>ATM-I2356f LENPAVIM	146	>ATM-I2356f LENPAVFM	64	82
>ATM-I2356f LENPAVIMQTY	532	>ATM-I2356f LENPAVFMQTY	498	34
>ATM-I2356f TCLENPAVI	313	>ATM-I2356f TCLENPAVF	10600	10287
>ATM-I2356f TCLENPAVIM	1666	>ATM-I2356f TCLENPAVFN	254	1412

>ATM-I2356fETCLENPAVI	304	>ATM-I2356fETCLENPAVF	13	291
>ATM-I2356fETCLENPAVII	24	>ATM-I2356fETCLENPAVF	8	16
>ATM-I2356fETCLENPAVI	3638	>ATM-I2356fETCLENPAVF	330	3308
>ATM-I2356fETCLENPAVII	212	>ATM-I2356fETCLENPAVF	71	141
>ATM-I2356fETCLENPAVII	2031	>ATM-I2356fETCLENPAVF	332	1699
>ATM-I2356fETCLENPAVI	1708	>ATM-I2356fETCLENPAVF	27	1681
>ATM-I2356fETCLENPAVII	444	>ATM-I2356fETCLENPAVF	249	195
>ATM-I2356fETCLENPAVI	2852	>ATM-I2356fETCLENPAVF	121	2731
>ATM-I2356fETCLENPAVI	51	>ATM-I2356fETCLENPAVF	18415	18364
>ATM-I2888fHIDLGVAF	8224	>ATM-I2888fHTDLGVAF	165	8059
>ATM-I2888fHIDLGVAF	979	>ATM-I2888fHTDLGVAF	304	675
>ATM-I2888fHIDLGVAF	3382	>ATM-I2888fHTDLGVAF	12	3370
>ATM-I2888fHIDLGVAF	323	>ATM-I2888fHTDLGVAF	390	67
>ATM-I2888fHIDLGVAF	2689	>ATM-I2888fHTDLGVAF	102	2587
>ATM-I2888fVHIDLGVAF	14	>ATM-I2888fVHTDLGVAF	41	27
>ATM-I2888fVHIDLGVAF	325	>ATM-I2888fVHTDLGVAF	2614	2289
>ATM-I2888fLVHIDLGV	189	>ATM-I2888fLVHTDLGV	104	85
>ATM-I2888fLVHIDLGVA	927	>ATM-I2888fLVHTDLGVA	452	475
>ATM-I2888fLVHIDLGV	127	>ATM-I2888fLVHTDLGV	116	11
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>ATM-I2888fLVHIDLGVAF	105	>ATM-I2888fLVHTDLGVAF	99	6
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>ATM-I2888fLVHIDLGVAF	356	>ATM-I2888fLVHTDLGVAF	1081	725
>ATM-I2888fELVHIDLGV	380	>ATM-I2888fELVHTDLGV	1479	1099
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>ATM-I2888fELVHIDLGV	284	>ATM-I2888fELVHTDLGV	487	203
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>ATM-I2888fELVHIDLGV	153	>ATM-I2888fELVHTDLGV	89	64
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>ATM-I2888fELVHIDLGV	229	>ATM-I2888fELVHTDLGV	391	162
>ATM-I2888fELVHIDLGV	14	>ATM-I2888fELVHTDLGV	14	0
>ATM-I2888fELVHIDLGVA	254	>ATM-I2888fELVHTDLGVA	653	399
>ATM-I2888fELVHIDLGVA	239	>ATM-I2888fELVHTDLGVA	220	19
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>ATM-I2888fELVHIDLGV	207	>ATM-I2888fELVHTDLGV	244	37
>ATM-I2888fELVHIDLGVA	231	>ATM-I2888fELVHTDLGVA	130	101
>ATM-I2888fELVHIDLGVA	641	>ATM-I2888fELVHTDLGVA	292	349
>ATM-I2888fELVHIDLGVA	121	>ATM-I2888fELVHTDLGVA	54	67
>ATM-I2888fELVHIDLGVA	115	>ATM-I2888fELVHTDLGVA	140	25

>ATM-I28881AELVHIDLGV	635	>ATM-I28881AELVHTDLGV	382	253
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>ATM-I28881AELVHIDL	37	>ATM-I28881AELVHTDL	40	3
>ATM-I28881AELVHIDLGV	174	>ATM-I28881AELVHTDLGV	236	62
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>ATM-I28881AELVHIDL	889	>ATM-I28881AELVHTDL	458	431
>ATM-I28881AELVHIDLG	154	>ATM-I28881AELVHTDLG	156	2
>ATM-I28881AELVHIDLGV	12	>ATM-I28881AELVHTDLGV	12	0
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>ATM-I28881QSAELVHI	42	>ATM-I28881QSAELVHT	1651	1609
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>ATM-I28881QSAELVHI	367	>ATM-I28881QSAELVHT	16012	15645
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>ATM-I28881EQSAELVHI	246	>ATM-I28881EQSAELVHT	2972	2726
>ATM-I28881EQSAELVHID	459	>ATM-I28881EQSAELVHTC	1145	686
>ATM-I28881NEQSAELVHI	74	>ATM-I28881NEQSAELVHT	14562	14488
>ATM-I28881NEQSAELVHI	524	>ATM-I28881NEQSAELVHT	220	304
>ATM-I28881NEQSAELVHI	16	>ATM-I28881NEQSAELVHT	3043	3027
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>ATM-I352T- ICHQVFNEDT	427	>ATM-I352T- TCHQVFNED`	629	202
>ATM-I352T- KENLIELMAD	22	>ATM-I352T- KENLIELMAD	7820	7798
>ATM-I352T- KENLIELMAD	380	>ATM-I352T- KENLIELMAD	13402	13022
>ATM-I352T- KENLIELMAD	127	>ATM-I352T- KENLIELMAD	273	146
>ATM-I352T- KENLIELMAD	1340	>ATM-I352T- KENLIELMAD	458	882
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>ATM-I352T- ADICHQVF	201	>ATM-I352T- ADTCHQVF	680	479
>ATM-I352T- MADICHQV	213	>ATM-I352T- MADTCHQV	213	0
>ATM-I352T- MADICHQV	149	>ATM-I352T- MADTCHQV	204	55
>ATM-I352T- MADICHQV	49	>ATM-I352T- MADTCHQV	48	1
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>ATM-I352T- MADICHQVF	19	>ATM-I352T- MADTCHQVF	72	53
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>ATM-I352T- MADICHQVF	214	>ATM-I352T- MADTCHQVF	146	68
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>ATM-I352T- LMADICHQV	8	>ATM-I352T- LMADTCHQV	10	2
>ATM-I352T- LMADICHQ	55	>ATM-I352T- LMADTCHQ	240	185
>ATM-I352T- LMADICHQV	2	>ATM-I352T- LMADTCHQV	3	1
>ATM-I352T- LMADICHQV	68	>ATM-I352T- LMADTCHQV	333	265
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>ATM-I352T- LMADICHQV	6	>ATM-I352T- LMADTCHQV	7	1
>ATM-I352T- LMADICHQ	401	>ATM-I352T- LMADTCHQ	702	301
>ATM-I352T- LMADICHQV	2	>ATM-I352T- LMADTCHQV	2	0
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>ATM-I352T- LMADICHQ	213	>ATM-I352T- LMADTCHQ	261	48
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>ATM-I352T- LMADICHQ	7	>ATM-I352T- LMADTCHQ	8	1
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>ATM-I352T- LMADICHQV	29	>ATM-I352T- LMADTCHQV	32	3
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>ATM-I352T- LMADICHQV	27	>ATM-I352T- LMADTCHQV	22	5
>ATM-I352T- LMADICHQV	596	>ATM-I352T- LMADTCHQV	276	320
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>ATM-I352T- ELMADICHQ\	51	>ATM-I352T- ELMADTCHQ	70	19
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>ATM-I352T- ELMADICHQ\	28	>ATM-I352T- ELMADTCHQ	30	2
>ATM-I352T- ELMADICHQ\	192	>ATM-I352T- ELMADTCHQ	227	35
>ATM-I352T- ELMADICHQ\	4	>ATM-I352T- ELMADTCHQ	6	2
>ATM-I352T- ELMADICHQ\	11	>ATM-I352T- ELMADTCHQ	10	1
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>ATM-I352T- ELMADICHQ\	2	>ATM-I352T- ELMADTCHQ	2	0
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>ATM-I352T- ELMADICHQ\	2	>ATM-I352T- ELMADTCHQ	2	0
>ATM-I352T- ELMADICHQ\	112	>ATM-I352T- ELMADTCHQ	122	10
>ATM-I352T- ELMADICHQ\	26	>ATM-I352T- ELMADTCHQ	32	6
>ATM-I352T- ELMADICHQ\	6	>ATM-I352T- ELMADTCHQ	5	1
>ATM-I352T- ELMADICHQ\	66	>ATM-I352T- ELMADTCHQ	62	4
>ATM-I352T- ELMADICHQ\	372	>ATM-I352T- ELMADTCHQ	247	125
>ATM-I352T- ELMADICHQ\	69	>ATM-I352T- ELMADTCHQ	48	21
>ATM-I352T- IELMADIC	319	>ATM-I352T- IELMADTC	478	159
>ATM-I352T- IELMADICHQ	23	>ATM-I352T- IELMADTCHC	22	1
>ATM-I352T- IELMADICH	346	>ATM-I352T- IELMADTCH	587	241

>ATM-I352T- IELMADICHQ	148	>ATM-I352T- IELMADTCHC	190	42
>ATM-I352T- IELMADICHQ	234	>ATM-I352T- IELMADTCHC	439	205
>ATM-I352T- IELMADICHQ	256	>ATM-I352T- IELMADTCHC	299	43
>ATM-I352T- IELMADICHQ	20	>ATM-I352T- IELMADTCHC	23	3
>ATM-I352T- NLIELMADI	71	>ATM-I352T- NLIELMADT	1527	1456
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>ATM-I352T- NLIELMADI	59	>ATM-I352T- NLIELMADT	830	771
>ATM-I352T- NLIELMADI	96	>ATM-I352T- NLIELMADT	2868	2772
>ATM-I352T- NLIELMADIC	2343	>ATM-I352T- NLIELMADTC	472	1871
>ATM-I352T- NLIELMADI	31	>ATM-I352T- NLIELMADT	2036	2005
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>ATM-K1454 KSGLGGAWA	478	>ATM-K1454 NSGLGGAWA	1857	1379
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>ATM-K1454 KSGLGGAWA	13	>ATM-K1454 NSGLGGAWA	276	263
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>ATM-K1454 IKSGLGGAWA	11	>ATM-K1454 INSGLGGAWA	662	651
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>ATM-K1994 SKEETGIS	26664	>ATM-K1994 SEEETGIS	251	26413
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>ATM-K1994 TTISSLSEKSK	9	>ATM-K1994 TTISSLSEKSE	2212	2203
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>ATM-K1994 KSKEETGI	218	>ATM-K1994 KSEEETGI	9872	9654
>ATM-K1994 KSKEETGIS	495	>ATM-K1994 KSEEETGIS	13000	12505
>ATM-K1994 KSKEETGISL	22	>ATM-K1994 KSEEETGISL	3518	3496
>ATM-K1994 KSKEETGISLC	198	>ATM-K1994 KSEEETGISLC	9346	9148
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>ATM-K1994 KSKEETGI	191	>ATM-K1994 KSEEETGI	110	81
>ATM-K1994 EKSKEETGISL	189	>ATM-K1994 EKSEEETGISL	306	117
>ATM-K1994 EKSKEETGISL	728	>ATM-K1994 EKSEEETGISL	325	403
>ATM-K1994 SEKSKEETGI	267	>ATM-K1994 SEKSEEETGI	366	99
>ATM-K1994 SEKSKEET	437	>ATM-K1994 SEKSEEET	344	93

>ATM-K1994 SEKSKEETGI	52	>ATM-K1994 SEKSEETGI	37	15
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>ATM-K1994 SLSEKSKEET	1249	>ATM-K1994 SLSEKSEET	391	858
>ATM-K1994 SLSEKSKEET	405	>ATM-K1994 SLSEKSEET	209	196
>ATM-K1994 SLSEKSKEET	844	>ATM-K1994 SLSEKSEET	259	585
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>ATM-K1994 SSLSEKSK	59	>ATM-K1994 SSLSEKSE	25593	25534
>ATM-K1994 SSLSEKSK	335	>ATM-K1994 SSLSEKSE	15593	15258
>ATM-K1994 SSLSEKSK	237	>ATM-K1994 SSLSEKSE	8358	8121
>ATM-K1994 ISSLSEKSK	358	>ATM-K1994 ISSLSEKSE	26867	26509
>ATM-K1994 TISSLSEKSK	482	>ATM-K1994 TISSLSEKSE	28310	27828
>ATM-K1994 TISSLSEKSK	62	>ATM-K1994 TISSLSEKSE	32619	32557
>ATM-K1994 TISSLSEKSK	113	>ATM-K1994 TISSLSEKSE	27849	27736
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>ATM-K2717 VKGRDDLROD	30883	>ATM-K2717 VMGRDDLROD	66	30817
>ATM-K2717 LVKGRDDLROD	166	>ATM-K2717 LVMGRDDLROD	323	157
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>ATM-K2717 QLVKGRDDLROD	451	>ATM-K2717 QLVVMGRDDLROD	234	217
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>ATM-K2717 ERRQLVKGRDI	562	>ATM-K2717 ERRQLVMGRDI	374	188
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>ATM-K2717 KERRQLVK	11	>ATM-K2717 KERRQLVM	648	637
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>ATM-K3018 LKGVEEGTVL	346	>ATM-K3018 LNGVEEGTVL	7965	7619
>ATM-K3018 RVLMLRQEKI	132	>ATM-K3018 RVLMLRQEKI	17328	17196

>ATM-K3018 RVLMLRQEKI	60	>ATM-K3018 RVLMLRQEKI	20113	20053
>ATM-K3018 RVLMLRQEKI	10	>ATM-K3018 RVLMLRQEKI	3090	3080
>ATM-K3018 RVLMLRQEKI	130	>ATM-K3018 RVLMLRQEKI	8601	8471
>ATM-K3018 KLKGVVEEGLV	1177	>ATM-K3018 KLNGVVEEGLV	404	773
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>ATM-K3018 KLKGVVEEGLV	1145	>ATM-K3018 KLNGVVEEGLV	114	1031
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>ATM-K3018 QEKLVVEEGLV	195	>ATM-K3018 QEKLVVEEGLV	49	146
>ATM-K3018 LQEKLVVEEGLV	517	>ATM-K3018 LQEKLVVEEGLV	82	435
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>ATM-K3018 RLQEKLVVEEGLV	88	>ATM-K3018 RLQEKLVVEEGLV	12	76
>ATM-K3018 RLQEKLVVEEGLV	3	>ATM-K3018 RLQEKLVVEEGLV	2	1
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>ATM-K3018 LMRLQEKLK	9	>ATM-K3018 LMRLQEKLK	7	2
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>ATM-K3018 VLMRLQEKLK	129	>ATM-K3018 VLMRLQEKLK	25542	25413
>ATM-K3018 VLMRLQEKLK	314	>ATM-K3018 VLMRLQEKLK	35487	35173
>ATM-L1322 LKSENLLGKQ	208	>ATM-L1322 IKSENLLGKQI	134	74
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>ATM-L1322 MLKSENLL	30	>ATM-L1322 MIKSENLL	307	277
>ATM-L1322 MLKSENLL	12	>ATM-L1322 MIKSENLL	980	968
>ATM-L1322 MLKSENLLGK	42	>ATM-L1322 MIKSENLLGK	56	14
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>ATM-L1322 MLKSENLL	367	>ATM-L1322 MIKSENLL	991	624
>ATM-L1322 RETATKVYDM	413	>ATM-L1322 RETATKVYDM	21	392
>ATM-L1322 RETATKVYDM	5	>ATM-L1322 RETATKVYDM	10	5
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>ATM-L1322 RETATKVYDM	79	>ATM-L1322 RETATKVYDM	14	65
>ATM-L1322 DMLKSEN	352	>ATM-L1322 DMIKSEN	3116	2764
>ATM-L1322 DMLKSEN	266	>ATM-L1322 DMIKSEN	4929	4663
>ATM-L1322 DMLKSENLLC	1092	>ATM-L1322 DMIKSENLLG	149	943
>ATM-L1322 YDMLKSEN	151	>ATM-L1322 YDMIKSEN	227	76
>ATM-L1322 YDMLKSENLL	424	>ATM-L1322 YDMIKSENLL	417	7
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>ATM-L1322 VYDMLKSENI	368	>ATM-L1322 VYDMIKSEN	360	8
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>ATM-L1322 ATKVVYDMLK	21	>ATM-L1322 ATKVVYDMLK	49	28
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>ATM-L1322 ATKVVYDMLK	134	>ATM-L1322 ATKVVYDMLK	158	24
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>ATM-L1322 ETATKVYDMI	106	>ATM-L1322 ETATKVYDMI	312	206
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>ATM-L1322 MLKSENLL	8	>ATM-L1322 MPKSENLL	20880	20872
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>ATM-L1322 MLKSENLL	18253	>ATM-L1322 MPKSENLL	402	17851
>ATM-L1322 MLKSENLL	367	>ATM-L1322 MPKSENLL	392	25
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>ATM-L1322 RETATKVYDM	413	>ATM-L1322 RETATKVYDM	16276	15863
>ATM-L1322 RETATKVYDM	5	>ATM-L1322 RETATKVYDM	270	265
>ATM-L1322 RETATKVYDM	81	>ATM-L1322 RETATKVYDM	3763	3682
>ATM-L1322 RETATKVYDM	79	>ATM-L1322 RETATKVYDM	3556	3477
>ATM-L1322 DMLKSEN	352	>ATM-L1322 DMPKSEN	3824	3472
>ATM-L1322 DMLKSEN	266	>ATM-L1322 DMPKSEN	6029	5763
>ATM-L1322 YDMLKSEN	151	>ATM-L1322 YDMPKSEN	829	678
>ATM-L1322 YDMLKSENLL	424	>ATM-L1322 YDMPKSENLL	465	41
>ATM-L1322 VYDMLKSENI	371	>ATM-L1322 VYDMPKSENI	481	110
>ATM-L1322 VYDMLKSENI	368	>ATM-L1322 VYDMPKSENI	639	271
>ATM-L1322 KVVYDMLKSEI	123	>ATM-L1322 KVVYDMPKSEI	274	151
>ATM-L1322 KVVYDMLKSEI	197	>ATM-L1322 KVVYDMPKSEI	331	134
>ATM-L1322 KVVYDMLKSEI	68	>ATM-L1322 KVVYDMPKSEI	113	45
>ATM-L1322 KVVYDMLKSEI	74	>ATM-L1322 KVVYDMPKSEI	112	38
>ATM-L1322 KVVYDMLKSEI	82	>ATM-L1322 KVVYDMPKSEI	328	246
>ATM-L1322 KVVYDMLKSEI	139	>ATM-L1322 KVVYDMPKSEI	99	40
>ATM-L1322 KVVYDMLKSEI	77	>ATM-L1322 KVVYDMPKSEI	116	39
>ATM-L1322 KVVYDMLKSEI	32	>ATM-L1322 KVVYDMPKSEI	25	7
>ATM-L1322 KVVYDMLKSEI	22	>ATM-L1322 KVVYDMPKSEI	19	3
>ATM-L1322 ATKVYDMLK	340	>ATM-L1322 ATKVYDMPK	832	492
>ATM-L1322 ATKVYDMLK	21	>ATM-L1322 ATKVYDMPK	26	5
>ATM-L1322 ATKVYDML	395	>ATM-L1322 ATKVYDMP	3363	2968

>ATM-L1322 ATKVYDMLK	4	>ATM-L1322 ATKVYDMPK	4	0
>ATM-L1322 ATKVYDMLK	496	>ATM-L1322 ATKVYDMPK	292	204
>ATM-L1322 ATKVYDMLK	69	>ATM-L1322 ATKVYDMPK	44	25
>ATM-L1322 ATKVYDMLK	133	>ATM-L1322 ATKVYDMPK	432	299
>ATM-L1322 ATKVYDML	128	>ATM-L1322 ATKVYDMP	22542	22414
>ATM-L1322 ATKVYDMLK	134	>ATM-L1322 ATKVYDMPK	156	22
>ATM-L1322 TATKVYDMLI	44	>ATM-L1322 TATKVYDMP	60	16
>ATM-L1322 TATKVYDMLI	25	>ATM-L1322 TATKVYDMP	34	9
>ATM-L1322 TATKVYDML	149	>ATM-L1322 TATKVYDMP	15163	15014
>ATM-L1322 ETATKVYDMI	106	>ATM-L1322 ETATKVYDMI	103	3
>ATM-L1322 ETATKVYDMI	22	>ATM-L1322 ETATKVYDMI	4873	4851
>ATM-L1322 ETATKVYDMI	3	>ATM-L1322 ETATKVYDMI	3	0
>ATM-L1322 ETATKVYDMI	70	>ATM-L1322 ETATKVYDMI	18300	18230
>ATM-L1322 ETATKVYDMI	83	>ATM-L1322 ETATKVYDMI	7625	7542
>ATM-L1322 ETATKVYDMI	436	>ATM-L1322 ETATKVYDMI	437	1
>ATM-L1472 LIHYINQR	49	>ATM-L1472 FIHYINQR	349	300
>ATM-L1472 LIHYINQR	329	>ATM-L1472 FIHYINQR	189	140
>ATM-L1472 LIHYINQR	21	>ATM-L1472 FIHYINQR	7	14
>ATM-L1472 LIHYINQR	372	>ATM-L1472 FIHYINQR	315	57
>ATM-L1472 TLIHYINQR	57	>ATM-L1472 TFIHYINQR	20	37
>ATM-L1472 TLIHYINQR	147	>ATM-L1472 TFIHYINQR	40	107
>ATM-L1472 TLIHYINQR	17	>ATM-L1472 TFIHYINQR	32	15
>ATM-L1472 TLIHYINQR	494	>ATM-L1472 TFIHYINQR	125	369
>ATM-L1472 AFVLRDVIYTL	874	>ATM-L1472 AFVLRDVIYTF	71	803
>ATM-L1472 AFVLRDVIYTL	1955	>ATM-L1472 AFVLRDVIYTF	274	1681
>ATM-L1472 AFVLRDVIYTL	489	>ATM-L1472 AFVLRDVIYTF	43	446
>ATM-L1472 AFVLRDVIYTL	480	>ATM-L1472 AFVLRDVIYTF	802	322
>ATM-L1472 YTLIHYINQR	101	>ATM-L1472 YTFIHYINQR	81	20
>ATM-L1472 YTLIHYINQR	509	>ATM-L1472 YTFIHYINQR	343	166
>ATM-L1472 YTLIHYINQ	7076	>ATM-L1472 YTFIHYINQ	221	6855
>ATM-L1472 YTLIHYINQR	16	>ATM-L1472 YTFIHYINQR	5	11
>ATM-L1472 YTLIHYINQ	353	>ATM-L1472 YTFIHYINQ	147	206
>ATM-L1472 YTLIHYINQR	121	>ATM-L1472 YTFIHYINQR	75	46
>ATM-L1472 YTLIHYINQR	351	>ATM-L1472 YTFIHYINQR	189	162
>ATM-L1472 IYTLIHYI	73	>ATM-L1472 IYTFIHYI	162	89
>ATM-L1472 IYTLIHYI	79	>ATM-L1472 IYTFIHYI	40	39
>ATM-L1472 IYTLIHYI	63	>ATM-L1472 IYTFIHYI	48	15
>ATM-L1472 IYTLIHYI	20	>ATM-L1472 IYTFIHYI	16	4
>ATM-L1472 IYTLIHYINQR	27	>ATM-L1472 IYTFIHYINQR	19	8
>ATM-L1472 IYTLIHYINQR	21	>ATM-L1472 IYTFIHYINQR	21	0
>ATM-L1472 IYTLIHYINQR	122	>ATM-L1472 IYTFIHYINQR	47	75
>ATM-L1472 IYTLIHYINQR	36	>ATM-L1472 IYTFIHYINQR	36	0
>ATM-L1472 IYTLIHYI	366	>ATM-L1472 IYTFIHYI	206	160



>ATM-L1472 VIYTLIH Y	1554	>ATM-L1472 VIYTFIHY	43	1511
>ATM-L1472 VIYTLIH YI	206	>ATM-L1472 VIYTFIHYI	38	168
>ATM-L1472 VIYTLIH YINQ	993	>ATM-L1472 VIYTFIHYINQ	284	709
>ATM-L1472 VIYTLIH YI	416	>ATM-L1472 VIYTFIHYI	324	92
>ATM-L1472 VIYTLIH YI	21	>ATM-L1472 VIYTFIHYI	16	5
>ATM-L1472 VIYTLIH YI	41	>ATM-L1472 VIYTFIHYI	20	21
>ATM-L1472 VIYTLIH YI	13	>ATM-L1472 VIYTFIHYI	11	2
>ATM-L1472 VIYTLIH YI	44	>ATM-L1472 VIYTFIHYI	40	4
>ATM-L1472 VIYTLIH YI	3	>ATM-L1472 VIYTFIHYI	2	1
>ATM-L1472 VIYTLIH YI	46	>ATM-L1472 VIYTFIHYI	35	11
>ATM-L1472 VIYTLIH YI	14	>ATM-L1472 VIYTFIHYI	16	2
>ATM-L1472 VIYTLIH YI	35	>ATM-L1472 VIYTFIHYI	17	18
>ATM-L1472 VIYTLIH YI	8	>ATM-L1472 VIYTFIHYI	6	2
>ATM-L1472 VIYTLIH Y	84	>ATM-L1472 VIYTFIHY	63	21
>ATM-L1472 VIYTLIH Y	208	>ATM-L1472 VIYTFIHY	76	132
>ATM-L1472 VIYTLIH Y	49	>ATM-L1472 VIYTFIHY	96	47
>ATM-L1472 VIYTLIH Y	30	>ATM-L1472 VIYTFIHY	25	5
>ATM-L1472 VIYTLIH Y	64	>ATM-L1472 VIYTFIHY	54	10
>ATM-L1472 VIYTLIH YI	134	>ATM-L1472 VIYTFIHYI	99	35
>ATM-L1472 VIYTLIH YI	129	>ATM-L1472 VIYTFIHYI	39	90
>ATM-L1472 VIYTLIH Y	50	>ATM-L1472 VIYTFIHY	42	8
>ATM-L1472 VIYTLIH Y	153	>ATM-L1472 VIYTFIHY	136	17
>ATM-L1472 VIYTLIH Y	330	>ATM-L1472 VIYTFIHY	85	245
>ATM-L1472 VIYTLIH Y	186	>ATM-L1472 VIYTFIHY	277	91
>ATM-L1472 VIYTLIH YI	328	>ATM-L1472 VIYTFIHYI	401	73
>ATM-L1472 DVIYTLIH YI	363	>ATM-L1472 DVIYTFIHYI	345	18
>ATM-L1472 DVIYTLIH YI	263	>ATM-L1472 DVIYTFIHYI	211	52
>ATM-L1472 DVIYTLIH Y	156	>ATM-L1472 DVIYTFIHY	293	137
>ATM-L1472 DVIYTLIH Y	14	>ATM-L1472 DVIYTFIHY	23	9
>ATM-L1472 DVIYTLIH	141	>ATM-L1472 DVIYTFIH	263	122
>ATM-L1472 DVIYTLIH Y	2	>ATM-L1472 DVIYTFIHY	3	1
>ATM-L1472 DVIYTLIH YI	12	>ATM-L1472 DVIYTFIHYI	27	15
>ATM-L1472 DVIYTLIH Y	64	>ATM-L1472 DVIYTFIHY	18	46
>ATM-L1472 DVIYTLIH Y	43	>ATM-L1472 DVIYTFIHY	29	14
>ATM-L1472 DVIYTLIH	1768	>ATM-L1472 DVIYTFIH	362	1406
>ATM-L1472 DVIYTLIH Y	204	>ATM-L1472 DVIYTFIHY	96	108
>ATM-L1472 DVIYTLIH YI	62	>ATM-L1472 DVIYTFIHYI	29	33
>ATM-L1472 DVIYTLIH YI	18	>ATM-L1472 DVIYTFIHYI	12	6
>ATM-L1472 DVIYTLIH Y	586	>ATM-L1472 DVIYTFIHY	383	203
>ATM-L1472 RDVIYTLIH YI	271	>ATM-L1472 RDVIYTFIHYI	228	43
>ATM-L1472 RDVIYTLIH Y	344	>ATM-L1472 RDVIYTFIHY	343	1
>ATM-L1472 RDVIYTLIH Y	270	>ATM-L1472 RDVIYTFIHY	353	83
>ATM-L1472 RDVIYTLI	472	>ATM-L1472 RDVIYTFI	275	197

>ATM-L1472 RDVIYTLIHYI	329	>ATM-L1472 RDVIYTFIHYI	329	0
>ATM-L1472 RDVIYTLI	117	>ATM-L1472 RDVIYTFI	84	33
>ATM-L1472 RDVIYTLIHYI	45	>ATM-L1472 RDVIYTFIHYI	30	15
>ATM-L1472 RDVIYTLI	29	>ATM-L1472 RDVIYTFI	33	4
>ATM-L1472 RDVIYTLIHYI	34	>ATM-L1472 RDVIYTFIHYI	31	3
>ATM-L1472 LRDVIYTLI	793	>ATM-L1472 LRDVIYTFI	245	548
>ATM-L1472 LRDVIYTL	2406	>ATM-L1472 LRDVIYTF	338	2068
>ATM-L1472 LRDVIYTL	223	>ATM-L1472 LRDVIYTF	3630	3407
>ATM-L1472 LRDVIYTLI	361	>ATM-L1472 LRDVIYTFI	636	275
>ATM-L1472 VLRDVIYTL	38	>ATM-L1472 VLRDVIYTF	4667	4629
>ATM-L1472 VLRDVIYTLI	1040	>ATM-L1472 VLRDVIYTFI	374	666
>ATM-L1472 VLRDVIYTL	29	>ATM-L1472 VLRDVIYTF	897	868
>ATM-L1472 VLRDVIYTLI	126	>ATM-L1472 VLRDVIYTFI	92	34
>ATM-L1472 VLRDVIYTL	16	>ATM-L1472 VLRDVIYTF	1947	1931
>ATM-L1472 VLRDVIYTLI	229	>ATM-L1472 VLRDVIYTFI	196	33
>ATM-L1472 VLRDVIYTL	294	>ATM-L1472 VLRDVIYTF	3537	3243
>ATM-L1472 VLRDVIYTL	2	>ATM-L1472 VLRDVIYTF	31	29
>ATM-L1472 VLRDVIYTLI	18	>ATM-L1472 VLRDVIYTFI	9	9
>ATM-L1472 VLRDVIYTL	4	>ATM-L1472 VLRDVIYTF	1013	1009
>ATM-L1472 VLRDVIYTLI	188	>ATM-L1472 VLRDVIYTFI	61	127
>ATM-L1472 VLRDVIYTL	12	>ATM-L1472 VLRDVIYTF	6784	6772
>ATM-L1472 VLRDVIYTLI	97	>ATM-L1472 VLRDVIYTFI	30	67
>ATM-L1472 VLRDVIYTL	9	>ATM-L1472 VLRDVIYTF	6950	6941
>ATM-L1472 VLRDVIYTLI	509	>ATM-L1472 VLRDVIYTFI	118	391
>ATM-L1472 VLRDVIYTL	2	>ATM-L1472 VLRDVIYTF	115	113
>ATM-L1472 VLRDVIYTLI	6	>ATM-L1472 VLRDVIYTFI	6	0
>ATM-L1472 VLRDVIYTL	1846	>ATM-L1472 VLRDVIYTF	65	1781
>ATM-L1472 VLRDVIYTLI	1032	>ATM-L1472 VLRDVIYTFI	299	733
>ATM-L1472 VLRDVIYTL	444	>ATM-L1472 VLRDVIYTF	84	360
>ATM-L1472 VLRDVIYTL	747	>ATM-L1472 VLRDVIYTF	63	684
>ATM-L1472 VLRDVIYTL	1541	>ATM-L1472 VLRDVIYTF	67	1474
>ATM-L1472 VLRDVIYTL	2573	>ATM-L1472 VLRDVIYTF	186	2387
>ATM-L1472 VLRDVIYTL	1602	>ATM-L1472 VLRDVIYTF	259	1343
>ATM-L1472 FVLRDVIYTLI	393	>ATM-L1472 FVLRDVIYTFI	108	285
>ATM-L1472 FVLRDVIYTL	33	>ATM-L1472 FVLRDVIYTF	638	605
>ATM-L1472 FVLRDVIYTLI	53	>ATM-L1472 FVLRDVIYTFI	36	17
>ATM-L1472 FVLRDVIYTL	29	>ATM-L1472 FVLRDVIYTF	1464	1435
>ATM-L1472 FVLRDVIYTLI	98	>ATM-L1472 FVLRDVIYTFI	52	46
>ATM-L1472 FVLRDVIYTL	127	>ATM-L1472 FVLRDVIYTF	4648	4521
>ATM-L1472 FVLRDVIYTLI	74	>ATM-L1472 FVLRDVIYTFI	65	9
>ATM-L1472 FVLRDVIYTL	24	>ATM-L1472 FVLRDVIYTF	388	364
>ATM-L1472 FVLRDVIYTLI	10	>ATM-L1472 FVLRDVIYTFI	6	4
>ATM-L1472 FVLRDVIYTL	4	>ATM-L1472 FVLRDVIYTF	166	162

>ATM-L1472 FVLRDVIYTLI	52	>ATM-L1472 FVLRDVIYTFI	18	34
>ATM-L1472 FVLRDVIYTL	6	>ATM-L1472 FVLRDVIYTF	1419	1413
>ATM-L1472 FVLRDVIYTLI	311	>ATM-L1472 FVLRDVIYTFI	88	223
>ATM-L1472 FVLRDVIYTL	14	>ATM-L1472 FVLRDVIYTF	6622	6608
>ATM-L1472 FVLRDVIYTLI	103	>ATM-L1472 FVLRDVIYTFI	30	73
>ATM-L1472 FVLRDVIYTL	9	>ATM-L1472 FVLRDVIYTF	4577	4568
>ATM-L1472 FVLRDVIYTLI	419	>ATM-L1472 FVLRDVIYTFI	55	364
>ATM-L1472 FVLRDVIYTL	7	>ATM-L1472 FVLRDVIYTF	4089	4082
>ATM-L1472 FVLRDVIYTLI	101	>ATM-L1472 FVLRDVIYTFI	81	20
>ATM-L1472 FVLRDVIYTL	451	>ATM-L1472 FVLRDVIYTF	22	429
>ATM-L1472 FVLRDVIYTL	299	>ATM-L1472 FVLRDVIYTF	32	267
>ATM-L1472 FVLRDVIYTL	431	>ATM-L1472 FVLRDVIYTF	119	312
>ATM-L1472 FVLRDVIYTLI	159	>ATM-L1472 FVLRDVIYTFI	79	80
>ATM-L1472 FVLRDVIYTL	45	>ATM-L1472 FVLRDVIYTF	4383	4338
>ATM-L1472 FVLRDVIYTLI	49	>ATM-L1472 FVLRDVIYTFI	23	26
>ATM-L1472 FVLRDVIYTL	6875	>ATM-L1472 FVLRDVIYTF	462	6413
>ATM-L1472 FVLRDVIYTL	1695	>ATM-L1472 FVLRDVIYTF	55	1640
>ATM-L1472 FVLRDVIYTL	4168	>ATM-L1472 FVLRDVIYTF	387	3781
>ATM-L1472 FVLRDVIYTL	2580	>ATM-L1472 FVLRDVIYTF	135	2445
>ATM-L1472 FVLRDVIYTL	2662	>ATM-L1472 FVLRDVIYTF	307	2355
>ATM-L1472 FVLRDVIYTL	3174	>ATM-L1472 FVLRDVIYTF	424	2750
>ATM-L1472 FVLRDVIYTLI	422	>ATM-L1472 FVLRDVIYTFI	285	137
>ATM-L1910 LAVVDYMRR	2384	>ATM-L1910 HAVVDYMRR	254	2130
>ATM-L1910 LAVVDYMR	151	>ATM-L1910 HAVVDYMR	59	92
>ATM-L1910 LAVVDYMRR	385	>ATM-L1910 HAVVDYMRR	103	282
>ATM-L1910 LAVVDYMR	508	>ATM-L1910 HAVVDYMR	89	419
>ATM-L1910 LAVVDYMRR	1337	>ATM-L1910 HAVVDYMRR	196	1141
>ATM-L1910 LAVVDYMR	34	>ATM-L1910 HAVVDYMR	15	19
>ATM-L1910 LAVVDYMRR	94	>ATM-L1910 HAVVDYMRR	31	63
>ATM-L1910 LAVVDYMRR	404	>ATM-L1910 HAVVDYMRR	136	268
>ATM-L1910 LAVVDYMR	1890	>ATM-L1910 HAVVDYMR	257	1633
>ATM-L1910 LAVVDYMRR	2846	>ATM-L1910 HAVVDYMRR	435	2411
>ATM-L1910 MLAVVDYM	50	>ATM-L1910 MHAVVDYM	21249	21199
>ATM-L1910 MLAVVDYM	6	>ATM-L1910 MHAVVDYM	1623	1617
>ATM-L1910 MLAVVDYMF	282	>ATM-L1910 MHAVVDYMF	21215	20933
>ATM-L1910 MLAVVDYM	120	>ATM-L1910 MHAVVDYM	19642	19522
>ATM-L1910 MLAVVDYM	246	>ATM-L1910 MHAVVDYM	16123	15877
>ATM-L1910 MLAVVDYM	18	>ATM-L1910 MHAVVDYM	17113	17095
>ATM-L1910 MLAVVDYM	165	>ATM-L1910 MHAVVDYM	22069	21904
>ATM-L1910 MLAVVDYM	41	>ATM-L1910 MHAVVDYM	22172	22131
>ATM-L1910 MLAVVDYM	43	>ATM-L1910 MHAVVDYM	20885	20842
>ATM-L1910 MLAVVDYM	50	>ATM-L1910 MHAVVDYM	34816	34766
>ATM-L1910 MLAVVDYMF	460	>ATM-L1910 MHAVVDYMF	35955	35495

>ATM-L1910 MLAVVDYMF	23	>ATM-L1910 MHAVVDYMF	581	558
>ATM-L1910 MLAVVDYMF	163	>ATM-L1910 MHAVVDYMF	1601	1438
>ATM-L1910 MLAVVDYMF	38	>ATM-L1910 MHAVVDYMF	2525	2487
>ATM-L1910 MLAVVDYMF	3	>ATM-L1910 MHAVVDYMF	19	16
>ATM-L1910 MLAVVDYMF	13	>ATM-L1910 MHAVVDYMF	850	837
>ATM-L1910 MLAVVDYMF	159	>ATM-L1910 MHAVVDYMF	6537	6378
>ATM-L1910 MLAVVDYMF	11227	>ATM-L1910 MHAVVDYMF	110	11117
>ATM-L1910 MLAVVDYMF	253	>ATM-L1910 MHAVVDYMF	553	300
>ATM-L1910 MLAVVDYMF	328	>ATM-L1910 MHAVVDYMF	865	537
>ATM-L1910 CLDKKSQRTM	110	>ATM-L1910 CLDKKSQRTM	26883	26773
>ATM-L1910 TMLAVVDYMF	1298	>ATM-L1910 TMHAVVDYMF	480	818
>ATM-L1910 TMLAVVDYMF	31	>ATM-L1910 TMHAVVDYMF	165	134
>ATM-L1910 TMLAVVDYMF	73	>ATM-L1910 TMHAVVDYMF	39	34
>ATM-L1910 TMLAVVDYMF	462	>ATM-L1910 TMHAVVDYMF	110	352
>ATM-L1910 TMLAVVDYMF	117	>ATM-L1910 TMHAVVDYMF	1608	1491
>ATM-L1910 TMLAVVDYMF	3	>ATM-L1910 TMHAVVDYMF	7	4
>ATM-L1910 TMLAVVDYMF	60	>ATM-L1910 TMHAVVDYMF	331	271
>ATM-L1910 TMLAVVDYMF	25	>ATM-L1910 TMHAVVDYMF	148	123
>ATM-L1910 TMLAVVDYMF	10	>ATM-L1910 TMHAVVDYMF	442	432
>ATM-L1910 TMLAVVDYMF	434	>ATM-L1910 TMHAVVDYMF	354	80
>ATM-L1910 TMLAVVDYMF	92	>ATM-L1910 TMHAVVDYMF	413	321
>ATM-L1910 TMLAVVDYMF	75	>ATM-L1910 TMHAVVDYMF	151	76
>ATM-L1910 TMLAVVDYMF	383	>ATM-L1910 TMHAVVDYMF	458	75
>ATM-L1910 TMLAVVDY	32	>ATM-L1910 TMHAVVDY	57	25
>ATM-L1910 TMLAVVDY	233	>ATM-L1910 TMHAVVDY	192	41
>ATM-L1910 TMLAVVDYMF	37	>ATM-L1910 TMHAVVDYMF	74	37
>ATM-L1910 TMLAVVDYMF	23	>ATM-L1910 TMHAVVDYMF	21	2
>ATM-L1910 TMLAVVDYMF	218	>ATM-L1910 TMHAVVDYMF	329	111
>ATM-L1910 TMLAVVDYMF	113	>ATM-L1910 TMHAVVDYMF	245	132
>ATM-L1910 TMLAVVDYMF	9	>ATM-L1910 TMHAVVDYMF	9	0
>ATM-L1910 TMLAVVDYMF	70	>ATM-L1910 TMHAVVDYMF	30	40
>ATM-L1910 TMLAVVDYMF	182	>ATM-L1910 TMHAVVDYMF	4953	4771
>ATM-L1910 TMLAVVDY	109	>ATM-L1910 TMHAVVDY	136	27
>ATM-L1910 TMLAVVDY	166	>ATM-L1910 TMHAVVDY	83	83
>ATM-L1910 TMLAVVDYMF	959	>ATM-L1910 TMHAVVDYMF	260	699
>ATM-L1910 TMLAVVDY	125	>ATM-L1910 TMHAVVDY	113	12
>ATM-L1910 TMLAVVDY	50	>ATM-L1910 TMHAVVDY	59	9
>ATM-L1910 TMLAVVDYMF	438	>ATM-L1910 TMHAVVDYMF	1870	1432
>ATM-L1910 TMLAVVDYMF	323	>ATM-L1910 TMHAVVDYMF	288	35
>ATM-L1910 TMLAVVDYMF	65	>ATM-L1910 TMHAVVDYMF	82	17
>ATM-L1910 TMLAVVDYMF	98	>ATM-L1910 TMHAVVDYMF	133	35
>ATM-L1910 RTMLAVVDYMF	331	>ATM-L1910 RTMHAVVDYMF	529	198
>ATM-L1910 RTMLAVVDYMF	162	>ATM-L1910 RTMHAVVDYMF	326	164

>ATM-L1910 RTMLAVVDYI	310	>ATM-L1910 RTMHAVVDY	554	244
>ATM-L1910 RTMLAVVDY	671	>ATM-L1910 RTMHAVVDY	243	428
>ATM-L1910 RTMLAVVDY	79	>ATM-L1910 RTMHAVVDY	92	13
>ATM-L1910 RTMLAVVDYI	24	>ATM-L1910 RTMHAVVDY	25	1
>ATM-L1910 RTMLAVVDY	107	>ATM-L1910 RTMHAVVDY	53	54
>ATM-L1910 RTMLAVVDYI	53	>ATM-L1910 RTMHAVVDY	38	15
>ATM-L1910 RTMLAVVDY	574	>ATM-L1910 RTMHAVVDY	301	273
>ATM-L1910 RTMLAVVDY	726	>ATM-L1910 RTMHAVVDY	305	421
>ATM-L1910 RTMLAVVDYI	282	>ATM-L1910 RTMHAVVDY	146	136
>ATM-L1910 RTMLAVVDYI	864	>ATM-L1910 RTMHAVVDY	481	383
>ATM-L1910 RTMLAVVDY	636	>ATM-L1910 RTMHAVVDY	143	493
>ATM-L1910 RTMLAVVDYI	10	>ATM-L1910 RTMHAVVDY	10	0
>ATM-L1910 RTMLAVVDY	22	>ATM-L1910 RTMHAVVDY	15	7
>ATM-L1910 RTMLAVVDYI	177	>ATM-L1910 RTMHAVVDY	114	63
>ATM-L1910 RTMLAVVDYI	654	>ATM-L1910 RTMHAVVDY	389	265
>ATM-L1910 RTMLAVVDYI	272	>ATM-L1910 RTMHAVVDY	305	33
>ATM-L1910 RTMLAVVDYI	14	>ATM-L1910 RTMHAVVDY	12	2
>ATM-L1910 RTMLAVVDYI	156	>ATM-L1910 RTMHAVVDY	68	88
>ATM-L1910 RTMLAVVDY	309	>ATM-L1910 RTMHAVVDY	77	232
>ATM-L1910 RTMLAVVDY	133	>ATM-L1910 RTMHAVVDY	64	69
>ATM-L1910 RTMLAVVDYI	585	>ATM-L1910 RTMHAVVDY	227	358
>ATM-L1910 RTMLAVVDY	84	>ATM-L1910 RTMHAVVDY	17	67
>ATM-L1910 RTMLAVVDYI	978	>ATM-L1910 RTMHAVVDY	188	790
>ATM-L1910 RTMLAVVDY	3	>ATM-L1910 RTMHAVVDY	3	0
>ATM-L1910 RTMLAVVDYI	6	>ATM-L1910 RTMHAVVDY	5	1
>ATM-L1910 RTMLAVVDY	269	>ATM-L1910 RTMHAVVDY	158	111
>ATM-L1910 RTMLAVVDYI	236	>ATM-L1910 RTMHAVVDY	172	64
>ATM-L1910 RTMLAVVDY	205	>ATM-L1910 RTMHAVVDY	54	151
>ATM-L1910 RTMLAVVDYI	33	>ATM-L1910 RTMHAVVDY	21	12
>ATM-L1910 RTMLAVVDYI	234	>ATM-L1910 RTMHAVVDY	419	185
>ATM-L1910 RTMLAVVDY	251	>ATM-L1910 RTMHAVVDY	135	116
>ATM-L1910 RTMLAVVDYI	19	>ATM-L1910 RTMHAVVDY	29	10
>ATM-L1910 RTMLAVVDYI	576	>ATM-L1910 RTMHAVVDY	335	241
>ATM-L1910 RTMLAVVDYI	95	>ATM-L1910 RTMHAVVDY	114	19
>ATM-L1910 QRTMLAVVD	206	>ATM-L1910 QRTMHAVVI	107	99
>ATM-L1910 QRTMLAVV	320	>ATM-L1910 QRTMHAVV	900	580
>ATM-L1910 QRTMLAVVD	118	>ATM-L1910 QRTMHAVVI	281	163
>ATM-L1910 QRTMLAVVD	128	>ATM-L1910 QRTMHAVVI	242	114
>ATM-L1910 SQRTMLAV	45	>ATM-L1910 SQRTMHAV	89	44
>ATM-L1910 SQRTMLAVV	30	>ATM-L1910 SQRTMHAVV	354	324
>ATM-L1910 SQRTMLAV	27	>ATM-L1910 SQRTMHAV	81	54
>ATM-L1910 SQRTMLAVV	70	>ATM-L1910 SQRTMHAVV	1833	1763
>ATM-L1910 SQRTMLAV	109	>ATM-L1910 SQRTMHAV	96	13

>ATM-L1910 SQRTMLAVV	175	>ATM-L1910 SQRTMHAVV	36	139
>ATM-L1910 SQRTMLAV	337	>ATM-L1910 SQRTMHAV	459	122
>ATM-L1910 SQRTMLAVV	206	>ATM-L1910 SQRTMHAVV	146	60
>ATM-L1910 SQRTMLAVV	55	>ATM-L1910 SQRTMHAVV	49	6
>ATM-L1910 SQRTMLAVV	522	>ATM-L1910 SQRTMHAVV	324	198
>ATM-L1910 SQRTMLAV	59	>ATM-L1910 SQRTMHAV	59	0
>ATM-L1910 SQRTMLAVV	172	>ATM-L1910 SQRTMHAVV	75	97
>ATM-L1910 SQRTMLAVV	9	>ATM-L1910 SQRTMHAVV	6	3
>ATM-L1910 KSQRTMLA	21	>ATM-L1910 KSQRTMHA	23	2
>ATM-L1910 KSQRTMLAV	29	>ATM-L1910 KSQRTMHAV	65	36
>ATM-L1910 KSQRTMLAV'	86	>ATM-L1910 KSQRTMHAV	53	33
>ATM-L1910 KSQRTMLAV	488	>ATM-L1910 KSQRTMHAV	667	179
>ATM-L1910 KSQRTMLAV	462	>ATM-L1910 KSQRTMHAV	803	341
>ATM-L1910 KSQRTMLAV	91	>ATM-L1910 KSQRTMHAV	256	165
>ATM-L1910 KSQRTMLAV'	226	>ATM-L1910 KSQRTMHAV	301	75
>ATM-L1910 KSQRTMLAV'	220	>ATM-L1910 KSQRTMHAV	448	228
>ATM-L1910 KKSQRTML	44	>ATM-L1910 KKSQRTMH	467	423
>ATM-L1910 KKSQRTMLA	880	>ATM-L1910 KKSQRTMHA	418	462
>ATM-L1910 KKSQRTMLA'	45	>ATM-L1910 KKSQRTMHA	57	12
>ATM-L1910 KKSQRTMLA'	149	>ATM-L1910 KKSQRTMHA	88	61
>ATM-L1910 KKSQRTML	467	>ATM-L1910 KKSQRTMH	5969	5502
>ATM-L1939' LEVAKVAQ	459	>ATM-L1939' VEVAKVAQ	1505	1046
>ATM-L1939' LEVAKVAQSC	195	>ATM-L1939' VEVAKVAQSC	151	44
>ATM-L1939' YLEVAKVA	47	>ATM-L1939' YVEVAKVA	7580	7533
>ATM-L1939' YLEVAKVAQ	228	>ATM-L1939' YVEVAKVAQ	16464	16236
>ATM-L1939' YLEVAKVAQS	318	>ATM-L1939' YVEVAKVAQSC	17605	17287
>ATM-L1939' YLEVAKVAQS	27	>ATM-L1939' YVEVAKVAQSC	7000	6973
>ATM-L1939' NDAFWLDLN	1156	>ATM-L1939' NDAFWLDLN	134	1022
>ATM-L1939' NYLEVAKV	407	>ATM-L1939' NYVEVAKV	2409	2002
>ATM-L1939' NYLEVAKV	151	>ATM-L1939' NYVEVAKV	1090	939
>ATM-L1939' DLNYLEVAKV	216	>ATM-L1939' DLNYVEVAKV	334	118
>ATM-L1939' DLNYLEVAKV	256	>ATM-L1939' DLNYVEVAKV	97	159
>ATM-L1939' DLNYLEVAKV	154	>ATM-L1939' DLNYVEVAKV	82	72
>ATM-L1939' DLNYLEVAKV	84	>ATM-L1939' DLNYVEVAKV	64	20
>ATM-L1939' DLNYLEVAKV	56	>ATM-L1939' DLNYVEVAKV	51	5
>ATM-L1939' DLNYLEVAK	262	>ATM-L1939' DLNYVEVAK	135	127
>ATM-L1939' DLNYLEVAK	151	>ATM-L1939' DLNYVEVAK	37	114
>ATM-L1939' LDLNYLEV	815	>ATM-L1939' LDLNYVEV	290	525
>ATM-L1939' LDLNYLEVAK'	195	>ATM-L1939' LDLNYVEVAK	217	22
>ATM-L1939' LDLNYLEV	72	>ATM-L1939' LDLNYVEV	81	9
>ATM-L1939' LDLNYLEVAK'	72	>ATM-L1939' LDLNYVEVAK	62	10
>ATM-L1939' WLDLNYLEV	41	>ATM-L1939' WLDLNYVEV	41	0
>ATM-L1939' WLDLNYLEV/	445	>ATM-L1939' WLDLNYVEV/	1201	756

>ATM-L1939' WLDLNYLEV	102	>ATM-L1939' WLDLNYVEV	35	67
>ATM-L1939' WLDLNYLEV/	237	>ATM-L1939' WLDLNYVEV,	458	221
>ATM-L1939' WLDLNYLEV	204	>ATM-L1939' WLDLNYVEV	218	14
>ATM-L1939' WLDLNYLEV/	382	>ATM-L1939' WLDLNYVEV,	788	406
>ATM-L1939' WLDLNYLEV	49	>ATM-L1939' WLDLNYVEV	41	8
>ATM-L1939' WLDLNYLEV	3	>ATM-L1939' WLDLNYVEV	3	0
>ATM-L1939' WLDLNYLEV/	37	>ATM-L1939' WLDLNYVEV,	26	11
>ATM-L1939' WLDLNYLEV	6	>ATM-L1939' WLDLNYVEV	5	1
>ATM-L1939' WLDLNYLEV/	100	>ATM-L1939' WLDLNYVEV,	85	15
>ATM-L1939' WLDLNYLEV	7	>ATM-L1939' WLDLNYVEV	6	1
>ATM-L1939' WLDLNYLEV/	195	>ATM-L1939' WLDLNYVEV,	129	66
>ATM-L1939' WLDLNYLEV	4	>ATM-L1939' WLDLNYVEV	3	1
>ATM-L1939' WLDLNYLEV/	144	>ATM-L1939' WLDLNYVEV,	72	72
>ATM-L1939' WLDLNYLEV	3	>ATM-L1939' WLDLNYVEV	2	1
>ATM-L1939' WLDLNYLEV/	50	>ATM-L1939' WLDLNYVEV,	45	5
>ATM-L1939' WLDLNYLEV	189	>ATM-L1939' WLDLNYVEV	156	33
>ATM-L1939' FWLDLNYL	367	>ATM-L1939' FWLDLNYV	75	292
>ATM-L1939' FWLDLNYL	22	>ATM-L1939' FWLDLNYV	18	4
>ATM-L1939' FWLDLNYLEV	365	>ATM-L1939' FWLDLNYVE\	535	170
>ATM-L1939' FWLDLNYL	26	>ATM-L1939' FWLDLNYV	10	16
>ATM-L1939' FWLDLNYLEV	117	>ATM-L1939' FWLDLNYVE\	196	79
>ATM-L1939' FWLDLNYLEV	124	>ATM-L1939' FWLDLNYVE\	262	138
>ATM-L1939' FWLDLNYL	336	>ATM-L1939' FWLDLNYV	22	314
>ATM-L1939' FWLDLNYLEV	59	>ATM-L1939' FWLDLNYVE\	47	12
>ATM-L1939' FWLDLNYL	1468	>ATM-L1939' FWLDLNYV	144	1324
>ATM-L1939' FWLDLNYLEV	719	>ATM-L1939' FWLDLNYVE\	411	308
>ATM-L1939' FWLDLNYL	1331	>ATM-L1939' FWLDLNYV	63	1268
>ATM-L1939' FWLDLNYLEV	109	>ATM-L1939' FWLDLNYVE\	92	17
>ATM-L1939' FWLDLNYL	2148	>ATM-L1939' FWLDLNYV	92	2056
>ATM-L1939' FWLDLNYLEV	108	>ATM-L1939' FWLDLNYVE\	79	29
>ATM-L1939' FWLDLNYL	16	>ATM-L1939' FWLDLNYV	428	412
>ATM-L1939' FWLDLNYLEV	147	>ATM-L1939' FWLDLNYVE\	112	35
>ATM-L1939' FWLDLNYL	3696	>ATM-L1939' FWLDLNYV	372	3324
>ATM-L1939' FWLDLNYLE	371	>ATM-L1939' FWLDLNYVE	584	213
>ATM-L1939' FWLDLNYL	43	>ATM-L1939' FWLDLNYV	54	11
>ATM-L1939' FWLDLNYLE	241	>ATM-L1939' FWLDLNYVE	306	65
>ATM-L1939' FWLDLNYLEV	182	>ATM-L1939' FWLDLNYVE\	297	115
>ATM-L1939' FWLDLNYLEV	111	>ATM-L1939' FWLDLNYVE\	117	6
>ATM-L1939' AFWLDLNYL	379	>ATM-L1939' AFWLDLNYV	259	120
>ATM-L1939' AFWLDLNYL	2106	>ATM-L1939' AFWLDLNYV	343	1763
>ATM-L1939' AFWLDLNYL	3341	>ATM-L1939' AFWLDLNYV	254	3087
>ATM-L1939' AFWLDLNYLE	574	>ATM-L1939' AFWLDLNYVI	463	111
>ATM-L1939' AFWLDLNYL	3614	>ATM-L1939' AFWLDLNYV	174	3440

>ATM-L1939' AFWLDLNYLE	364	>ATM-L1939' AFWLDLNYVI	299	65
>ATM-L1939' AFWLDLNYL	7663	>ATM-L1939' AFWLDLNYV	353	7310
>ATM-L1939' AFWLDLNYLE	303	>ATM-L1939' AFWLDLNYVI	209	94
>ATM-L1939' AFWLDLNYL	173	>ATM-L1939' AFWLDLNYV	3745	3572
>ATM-L1939' AFWLDLNYLE	486	>ATM-L1939' AFWLDLNYVI	955	469
>ATM-L1939' DAFWLDLNYI	1268	>ATM-L1939' DAFWLDLNY'	350	918
>ATM-L1939' DAFWLDLNYI	1354	>ATM-L1939' DAFWLDLNY'	298	1056
>ATM-L1939' DAFWLDLNYI	1542	>ATM-L1939' DAFWLDLNY'	318	1224
>ATM-L1939' DAFWLDLNYI	479	>ATM-L1939' DAFWLDLNY'	1440	961
>ATM-L1939' DAFWLDLNYI	558	>ATM-L1939' DAFWLDLNY'	104	454
>ATM-L1939' DAFWLDLNYI	197	>ATM-L1939' DAFWLDLNY'	20	177
>ATM-L2004 LLEIYRS	452	>ATM-L2004 RLEIYRS	608	156
>ATM-L2004 LLEIYRSI	43	>ATM-L2004 RLEIYRSI	55	12
>ATM-L2004 LLEIYRS	394	>ATM-L2004 RLEIYRS	902	508
>ATM-L2004 LLEIYRSI	155	>ATM-L2004 RLEIYRSI	150	5
>ATM-L2004 LLEIYRSI	28	>ATM-L2004 RLEIYRSI	20	8
>ATM-L2004 LLEIYRSI	75	>ATM-L2004 RLEIYRSI	61	14
>ATM-L2004 LLEIYRS	28	>ATM-L2004 RLEIYRS	29	1
>ATM-L2004 LLEIYRSI	3	>ATM-L2004 RLEIYRSI	3	0
>ATM-L2004 LLEIYRSI	9	>ATM-L2004 RLEIYRSI	11	2
>ATM-L2004 LLEIYRSI	23	>ATM-L2004 RLEIYRSI	32	9
>ATM-L2004 LLEIYRSI	9	>ATM-L2004 RLEIYRSI	22	13
>ATM-L2004 LLEIYRS	97	>ATM-L2004 RLEIYRS	685	588
>ATM-L2004 LLEIYRSI	8	>ATM-L2004 RLEIYRSI	27	19
>ATM-L2004 LLEIYRSI	6707	>ATM-L2004 RLEIYRSI	371	6336
>ATM-L2004 LLEIYRSI	508	>ATM-L2004 RLEIYRSI	11	497
>ATM-L2004 LLEIYRSI	710	>ATM-L2004 RLEIYRSI	356	354
>ATM-L2004 LLEIYRSI	926	>ATM-L2004 RLEIYRSI	272	654
>ATM-L2004 DLLLEIYRSI	486	>ATM-L2004 DRLEIYRSI	19660	19174
>ATM-L2004 DLLLEIYRSI	315	>ATM-L2004 DRLEIYRSI	27624	27309
>ATM-L2004 DLLLEIYRSI	368	>ATM-L2004 DRLEIYRSI	23038	22670
>ATM-L2004 DLLLEIYR	15	>ATM-L2004 DRLEIYR	446	431
>ATM-L2004 DLLLEIYR	136	>ATM-L2004 DRLEIYR	3288	3152
>ATM-L2004 DLLLEIYR	52	>ATM-L2004 DRLEIYR	194	142
>ATM-L2004 KEETGISLQDI	25	>ATM-L2004 KEETGISLQDI	14418	14393
>ATM-L2004 KEETGISLQDI	20	>ATM-L2004 KEETGISLQDI	1637	1617
>ATM-L2004 QDLLLEIYRSI	81	>ATM-L2004 QDRLEIYRSI	304	223
>ATM-L2004 QDLLLEIYR	80	>ATM-L2004 QDRLEIYR	427	347
>ATM-L2004 QDLLLEIYRSI	182	>ATM-L2004 QDRLEIYRSI	729	547
>ATM-L2004 LQDLLLEIY	117	>ATM-L2004 LQDRLEIY	141	24
>ATM-L2004 LQDLLLEI	39	>ATM-L2004 LQDRLEI	23	16
>ATM-L2004 LQDLLLEIYR	287	>ATM-L2004 LQDRLEIYR	469	182
>ATM-L2004 LQDLLLEIY	906	>ATM-L2004 LQDRLEIY	406	500



>ATM-L2004 LQDLLLLLEIYR	461	>ATM-L2004 LQDRLLLEIYR	673	212
>ATM-L2004 SLQDLLLLLEIY	223	>ATM-L2004 SLQDRLLLEIY	148	75
>ATM-L2004 SLQDLLLLLEI	11	>ATM-L2004 SLQDRLLLEI	14	3
>ATM-L2004 SLQDLLLLLEI	15	>ATM-L2004 SLQDRLLLEI	29	14
>ATM-L2004 SLQDLLLLLEI	16	>ATM-L2004 SLQDRLLLEI	12	4
>ATM-L2004 SLQDLLLLLEI	55	>ATM-L2004 SLQDRLLLEI	53	2
>ATM-L2004 SLQDLLLLLEI	5	>ATM-L2004 SLQDRLLLEI	7	2
>ATM-L2004 SLQDLLLLLEI	8	>ATM-L2004 SLQDRLLLEI	10	2
>ATM-L2004 SLQDLLLLLEI	11	>ATM-L2004 SLQDRLLLEI	21	10
>ATM-L2004 SLQDLLLLLEI	151	>ATM-L2004 SLQDRLLLEI	681	530
>ATM-L2004 SLQDLLLLLEI	3	>ATM-L2004 SLQDRLLLEI	3	0
>ATM-L2004 SLQDLLLLLEIYR	91	>ATM-L2004 SLQDRLLLEIYR	103	12
>ATM-L2004 SLQDLLLLLEIY	543	>ATM-L2004 SLQDRLLLEIY	468	75
>ATM-L2004 SLQDLLLLLEIYR	39	>ATM-L2004 SLQDRLLLEIYR	34	5
>ATM-L2004 SLQDLLLLLEIYR	305	>ATM-L2004 SLQDRLLLEIYR	192	113
>ATM-L2004 SLQDLLLLLEIYR	427	>ATM-L2004 SLQDRLLLEIYR	513	86
>ATM-L2004 SLQDLLLLLEIY	41	>ATM-L2004 SLQDRLLLEIY	50	9
>ATM-L2004 SLQDLLLLLEIY	121	>ATM-L2004 SLQDRLLLEIY	129	8
>ATM-L2004 SLQDLLLLLEIY	450	>ATM-L2004 SLQDRLLLEIY	250	200
>ATM-L2004 SLQDLLLLLEIY	185	>ATM-L2004 SLQDRLLLEIY	139	46
>ATM-L2004 SLQDLLLLLEIYR	57	>ATM-L2004 SLQDRLLLEIYR	84	27
>ATM-L2004 ISLQDLLLL	452	>ATM-L2004 ISLQDRLL	327	125
>ATM-L2004 ISLQDLLLLLEI	174	>ATM-L2004 ISLQDRLLLEI	414	240
>ATM-L2004 ISLQDLLLLLEIY	227	>ATM-L2004 ISLQDRLLLEIY	833	606
>ATM-L2004 ISLQDLLLLLEIY	174	>ATM-L2004 ISLQDRLLLEIY	255	81
>ATM-L2004 ISLQDLLLLLEIY	113	>ATM-L2004 ISLQDRLLLEIY	95	18
>ATM-L2004 ISLQDLLLLLEIY	445	>ATM-L2004 ISLQDRLLLEIY	771	326
>ATM-L2004 ISLQDLLLLLEIY	275	>ATM-L2004 ISLQDRLLLEIY	169	106
>ATM-L2004 ISLQDLLLL	15	>ATM-L2004 ISLQDRLL	41	26
>ATM-L2004 ISLQDLLLLLEI	26	>ATM-L2004 ISLQDRLLLEI	42	16
>ATM-L2004 ISLQDLLLLLEIY	10	>ATM-L2004 ISLQDRLLLEIY	15	5
>ATM-L2004 ISLQDLLLLLEIY	296	>ATM-L2004 ISLQDRLLLEIY	206	90
>ATM-L2004 ISLQDLLLL	215	>ATM-L2004 ISLQDRLL	3745	3530
>ATM-L2004 ISLQDLLLLLEI	105	>ATM-L2004 ISLQDRLLLEI	295	190
>ATM-L2004 ISLQDLLLLLEIY	59	>ATM-L2004 ISLQDRLLLEIY	70	11
>ATM-L2004 ISLQDLLLLLEIY	13	>ATM-L2004 ISLQDRLLLEIY	15	2
>ATM-L2004 ISLQDLLLLLEI	96	>ATM-L2004 ISLQDRLLLEI	246	150
>ATM-L2004 GISLQDLL	158	>ATM-L2004 GISLQDRLL	585	427
>ATM-L2004 TGISLQDL	36198	>ATM-L2004 TGISLQDR	494	35704
>ATM-L2004 ETGISLQDL	326	>ATM-L2004 ETGISLQDR	8563	8237
>ATM-L2004 ETGISLQDLL	754	>ATM-L2004 ETGISLQDRLL	279	475
>ATM-L2004 ETGISLQDL	25135	>ATM-L2004 ETGISLQDR	35	25100
>ATM-L2004 ETGISLQDLLL	355	>ATM-L2004 ETGISLQDRLLI	973	618

>ATM-L2004 EETGISLQDLL	113	>ATM-L2004 EETGISLQDRI	945	832
>ATM-L2004 EETGISLQDLL	29	>ATM-L2004 EETGISLQDRI	78	49
>ATM-L2004 EETGISLQDLL	308	>ATM-L2004 EETGISLQDRI	452	144
>ATM-L2004 EETGISLQDLL	160	>ATM-L2004 EETGISLQDRI	301	141
>ATM-L2417 LKRAKEEV	248	>ATM-L2417 PKRAKEEV	4435	4187
>ATM-L2417 LKRAKEEVGL	84	>ATM-L2417 PKRAKEEVGL	1988	1904
>ATM-L2417 LLKRAKEEV	25221	>ATM-L2417 LPKRAKEEV	39	25182
>ATM-L2417 LLKRAKEEVG	26967	>ATM-L2417 LPKRAKEEVG	141	26826
>ATM-L2417 LLKRAKEEV	231	>ATM-L2417 LPKRAKEEV	32692	32461
>ATM-L2417 LLKRAKEEVG	252	>ATM-L2417 LPKRAKEEVG	34116	33864
>ATM-L2417 LLKRAKEEV	110	>ATM-L2417 LPKRAKEEV	21572	21462
>ATM-L2417 LLKRAKEEV	88	>ATM-L2417 LPKRAKEEV	25095	25007
>ATM-L2417 LLKRAKEEV	370	>ATM-L2417 LPKRAKEEV	25182	24812
>ATM-L2417 LLKRAKEEV	4	>ATM-L2417 LPKRAKEEV	20174	20170
>ATM-L2417 LLKRAKEEVG	14	>ATM-L2417 LPKRAKEEVG	30896	30882
>ATM-L2417 LLKRAKEEVG	19479	>ATM-L2417 LPKRAKEEVG	454	19025
>ATM-L2417 SSEFENKQAL	487	>ATM-L2417 SSEFENKQAL	22136	21649
>ATM-L2417 SSEFENKQAL	392	>ATM-L2417 SSEFENKQAL	13113	12721
>ATM-L2417 ALLKRAKEEV	459	>ATM-L2417 ALPKRAKEEV	1162	703
>ATM-L2417 ALLKRAKEEV	180	>ATM-L2417 ALPKRAKEEV	595	415
>ATM-L2417 ALLKRAKEEV	4	>ATM-L2417 ALPKRAKEEV	18	14
>ATM-L2417 ALLKRAKEEV	25	>ATM-L2417 ALPKRAKEEV	456	431
>ATM-L2417 ALLKRAKEEV	9	>ATM-L2417 ALPKRAKEEV	25	16
>ATM-L2417 ALLKRAKEEV	26	>ATM-L2417 ALPKRAKEEV	1226	1200
>ATM-L2417 ALLKRAKEEV	3	>ATM-L2417 ALPKRAKEEV	6	3
>ATM-L2417 QALLKRAK	821	>ATM-L2417 QALPKRAK	385	436
>ATM-L2417 QALLKRAKEE	821	>ATM-L2417 QALPKRAKEE	234	587
>ATM-L2417 QALLKRAKEE	832	>ATM-L2417 QALPKRAKEE	313	519
>ATM-L2417 KQALLKRAK	384	>ATM-L2417 KQALPKRAK	1167	783
>ATM-L2417 ENKQALLKR	421	>ATM-L2417 ENKQALPKR	345	76
>ATM-L2417 FENKQALL	14	>ATM-L2417 FENKQALP	348	334
>ATM-L2417 FENKQALL	109	>ATM-L2417 FENKQALP	11026	10917
>ATM-L2417 FENKQALL	156	>ATM-L2417 FENKQALP	7576	7420
>ATM-L2417 FENKQALL	210	>ATM-L2417 FENKQALP	9433	9223
>ATM-L2417 EFENKQALLK	190	>ATM-L2417 EFENKQALPK	210	20
>ATM-L2417 EFENKQALLK	291	>ATM-L2417 EFENKQALPK	252	39
>ATM-L2417 EFENKQALLK	234	>ATM-L2417 EFENKQALPK	564	330
>ATM-L2417 SEFENKQALL	25	>ATM-L2417 SEFENKQALP	4060	4035
>ATM-L2417 SEFENKQALL	1778	>ATM-L2417 SEFENKQALP	318	1460
>ATM-L2417 SEFENKQALL	137	>ATM-L2417 SEFENKQALP	3518	3381
>ATM-L2417 SEFENKQALL	210	>ATM-L2417 SEFENKQALP	2315	2105
>ATM-L2417 SEFENKQALL	1793	>ATM-L2417 SEFENKQALP	472	1321
>ATM-L2417 SEFENKQALL	131	>ATM-L2417 SEFENKQALP	4621	4490

>ATM-L2417 SEFENKQALL	116	>ATM-L2417 SEFENKQALP	2989	2873
>ATM-L2417 SEFENKQALL	489	>ATM-L2417 SEFENKQALP	486	3
>ATM-L2417 SEFENKQALL	217	>ATM-L2417 SEFENKQALP	26139	25922
>ATM-L2427 LREHKIQTNR	496	>ATM-L2427 RREHKIQTNR	28	468
>ATM-L2427 LREHKIQT	2161	>ATM-L2427 RREHKIQT	29	2132
>ATM-L2427 LREHKIQTN	7999	>ATM-L2427 RREHKIQTN	141	7858
>ATM-L2427 LREHKIQTNR	11311	>ATM-L2427 RREHKIQTNR	248	11063
>ATM-L2427 LREHKIQTNR	6661	>ATM-L2427 RREHKIQTNR	199	6462
>ATM-L2427 LREHKIQTNR	2473	>ATM-L2427 RREHKIQTNR	125	2348
>ATM-L2427 LREHKIQTNR	3896	>ATM-L2427 RREHKIQTNR	350	3546
>ATM-L2427 LREHKIQTNR	2492	>ATM-L2427 RREHKIQTNR	390	2102
>ATM-L2427 LLREHKIQT	45	>ATM-L2427 LRREHKIQT	32530	32485
>ATM-L2427 LLREHKIQTNI	330	>ATM-L2427 LRREHKIQTN	21615	21285
>ATM-L2427 LLREHKIQTNI	27	>ATM-L2427 LRREHKIQTN	5197	5170
>ATM-L2427 LLREHKIQTNI	186	>ATM-L2427 LRREHKIQTN	5839	5653
>ATM-L2427 GLLREHKI	22	>ATM-L2427 GLRREHKI	1200	1178
>ATM-L2427 GLLREHKI	38	>ATM-L2427 GLRREHKI	1817	1779
>ATM-L2427 GLLREHKI	39	>ATM-L2427 GLRREHKI	2916	2877
>ATM-L2427 GLLREHKI	22	>ATM-L2427 GLRREHKI	65	43
>ATM-L2427 GLLREHKIQT	282	>ATM-L2427 GLRREHKIQT	1121	839
>ATM-L2427 EVGLLREHK	49	>ATM-L2427 EVGLRREHK	100	51
>ATM-L2427 EEVGLLREHK	38	>ATM-L2427 EEVGLRREHK	58	20
>ATM-L2427 EEVGLLREH	451	>ATM-L2427 EEVGLRREH	651	200
>ATM-L2427 EEVGLLREHK	398	>ATM-L2427 EEVGLRREHK	530	132
>ATM-L2427 EEVGLLREH	367	>ATM-L2427 EEVGLRREH	1002	635
>ATM-L2427 EEVGLLREHK	420	>ATM-L2427 EEVGLRREHK	639	219
>ATM-L2427 EEVGLLREHK	259	>ATM-L2427 EEVGLRREHK	294	35
>ATM-L2427 EEVGLLREHK	149	>ATM-L2427 EEVGLRREHK	399	250
>ATM-L2427 KEEVGLLR	219	>ATM-L2427 KEEVGLRR	2499	2280
>ATM-L2427 RAKEEVGLL	320	>ATM-L2427 RAKEEVGLR	542	222
>ATM-L2427 RAKEEVGLLR	171	>ATM-L2427 RAKEEVGLRR	453	282
>ATM-L2427 RAKEEVGLL	15584	>ATM-L2427 RAKEEVGLR	55	15529
>ATM-L2427 RAKEEVGLLR	127	>ATM-L2427 RAKEEVGLRR	171	44
>ATM-L2427 RAKEEVGLLR	367	>ATM-L2427 RAKEEVGLRR	2101	1734
>ATM-L2427 RAKEEVGLL	81	>ATM-L2427 RAKEEVGLR	14645	14564
>ATM-L2427 KRAKEEVGLL	73	>ATM-L2427 KRAKEEVGLR	188	115
>ATM-L2427 KRAKEEVGLL	176	>ATM-L2427 KRAKEEVGLR	232	56
>ATM-L2427 KRAKEEVGLL	153	>ATM-L2427 KRAKEEVGLR	1144	991
>ATM-L2427 KRAKEEVGLL	460	>ATM-L2427 KRAKEEVGLR	880	420
>ATM-L2427 KRAKEEVGLL	140	>ATM-L2427 KRAKEEVGLR	1071	931
>ATM-L2427 KRAKEEVGLL	28750	>ATM-L2427 KRAKEEVGLR	138	28612
>ATM-L2427 KRAKEEVGLL	79	>ATM-L2427 KRAKEEVGLR	99	20
>ATM-L2445 LELDELALRAI	139	>ATM-L2445 PELDELALRAI	1710	1571

>ATM-L2445 LELEDELAL	81	>ATM-L2445 PELEDELAL	1514	1433
>ATM-L2445 LELEDELALRAI	28	>ATM-L2445 PELEDELALRAI	427	399
>ATM-L2445 LELEDELAL	35	>ATM-L2445 PELEDELAL	443	408
>ATM-L2445 LELEDELALRAI	52	>ATM-L2445 PELEDELALRAI	787	735
>ATM-L2445 LELEDELAL	89	>ATM-L2445 PELEDELAL	2118	2029
>ATM-L2445 LELEDELALRAI	108	>ATM-L2445 PELEDELALRAI	2570	2462
>ATM-L2445 LELEDELALRAI	24	>ATM-L2445 PELEDELALRAI	247	223
>ATM-L2445 ELELEDELALR	302	>ATM-L2445 EPELEDELALR	2724	2422
>ATM-L2445 ELELEDELAL	8056	>ATM-L2445 EPELEDELAL	44	8012
>ATM-L2445 ELELEDELAL	33148	>ATM-L2445 EPELEDELAL	250	32898
>ATM-L2445 NRYTVKQRI	209	>ATM-L2445 NRYTVKQRI	5109	4900
>ATM-L2445 NRYTVKQRI	125	>ATM-L2445 NRYTVKQRI	18567	18442
>ATM-L2445 NRYTVKQRI	419	>ATM-L2445 NRYTVKQRI	158	261
>ATM-L2445 NRYTVKQRI	60	>ATM-L2445 NRYTVKQRI	2334	2274
>ATM-L2445 NRYTVKQRI	25	>ATM-L2445 NRYTVKQRI	5937	5912
>ATM-L2445 RELEDEL	9	>ATM-L2445 REPEDEL	126	117
>ATM-L2445 RELEDEL	18	>ATM-L2445 REPEDEL	129	111
>ATM-L2445 RELEDELA	70	>ATM-L2445 REPEDELA	1158	1088
>ATM-L2445 RELEDELAL	162	>ATM-L2445 REPEDELAL	172	10
>ATM-L2445 RELEDEL	385	>ATM-L2445 REPEDEL	4988	4603
>ATM-L2445 RELEDELA	132	>ATM-L2445 REPEDELA	5247	5115
>ATM-L2445 RELEDELAL	188	>ATM-L2445 REPEDELAL	467	279
>ATM-L2445 RELEDEL	77	>ATM-L2445 REPEDEL	2295	2218
>ATM-L2445 RELEDELA	41	>ATM-L2445 REPEDELA	412	371
>ATM-L2445 RELEDELAL	29	>ATM-L2445 REPEDELAL	418	389
>ATM-L2445 RELEDELALF	117	>ATM-L2445 REPEDELALF	810	693
>ATM-L2445 RELEDELALF	98	>ATM-L2445 REPEDELALF	185	87
>ATM-L2445 QRELEDELA	653	>ATM-L2445 QREPEDELA	387	266
>ATM-L2445 QRELEDEL	380	>ATM-L2445 QREPEDEL	323	57
>ATM-L2445 QRELEDELA	223	>ATM-L2445 QREPEDELA	188	35
>ATM-L2445 VQRELEDEL	406	>ATM-L2445 VQREPEDEL	188	218
>ATM-L2445 KVQRELELDE	475	>ATM-L2445 KVQREPELDE	1752	1277
>ATM-L2445 VKVQRELEL	272	>ATM-L2445 VKVQREPEL	395	123
>ATM-L2445 YTVKVQRELE	511	>ATM-L2445 YTVKVQREPE	339	172
>ATM-L2445 YTVKVQRELE	592	>ATM-L2445 YTVKVQREPE	338	254
>ATM-L2445 YTVKVQREL	276	>ATM-L2445 YTVKVQREP	20788	20512
>ATM-L2445 YTVKVQRELE	615	>ATM-L2445 YTVKVQREPE	166	449
>ATM-L2445 YTVKVQREL	113	>ATM-L2445 YTVKVQREP	10954	10841
>ATM-L2445 YTVKVQRELE	409	>ATM-L2445 YTVKVQREPE	629	220
>ATM-L2445 YTVKVQREL	75	>ATM-L2445 YTVKVQREP	21239	21164
>ATM-L2445 YTVKVQRELE	22	>ATM-L2445 YTVKVQREPE	28	6
>ATM-L2445 YTVKVQREL	81	>ATM-L2445 YTVKVQREP	4690	4609
>ATM-L2445 YTVKVQRELE	118	>ATM-L2445 YTVKVQREPE	151	33

>ATM-L2445 YTVKVQREL	172	>ATM-L2445 YTVKVQREP	18408	18236
>ATM-L2445 RYTVKVQREL	300	>ATM-L2445 RYTVKVQREF	26608	26308
>ATM-L2445 RYTVKVQREL	10	>ATM-L2445 RYTVKVQREF	1453	1443
>ATM-L2722 LRQDAVMQ	394	>ATM-L2722 RRQDAVMQ	2612	2218
>ATM-L2722 LRQDAVMQ	39	>ATM-L2722 RRQDAVMQ	14	25
>ATM-L2722 LRQDAVMQ	3292	>ATM-L2722 RRQDAVMQ	463	2829
>ATM-L2722 LRQDAVMQ	1627	>ATM-L2722 RRQDAVMQ	53	1574
>ATM-L2722 LRQDAVMQ	334	>ATM-L2722 RRQDAVMQ	58	276
>ATM-L2722 LRQDAVMQ	7458	>ATM-L2722 RRQDAVMQ	69	7389
>ATM-L2722 LRQDAVMQ	12714	>ATM-L2722 RRQDAVMQ	324	12390
>ATM-L2722 LRQDAVMQ	3285	>ATM-L2722 RRQDAVMQ	54	3231
>ATM-L2722 LRQDAVMQ	1384	>ATM-L2722 RRQDAVMQ	49	1335
>ATM-L2722 LRQDAVMQ	448	>ATM-L2722 RRQDAVMQ	35	413
>ATM-L2722 LRQDAVMQ	127	>ATM-L2722 RRQDAVMQ	19	108
>ATM-L2722 DLRQDAVM	471	>ATM-L2722 DRRQDAVM	26919	26448
>ATM-L2722 DLRQDAVM	14	>ATM-L2722 DRRQDAVM	24075	24061
>ATM-L2722 RRQLVKGRDI	194	>ATM-L2722 RRQLVKGRDI	290	96
>ATM-L2722 RRQLVKGRDI	20	>ATM-L2722 RRQLVKGRDI	119	99
>ATM-L2722 RRQLVKGRDI	14	>ATM-L2722 RRQLVKGRDI	208	194
>ATM-L2722 DDLRQDAV	373	>ATM-L2722 DRRRQDAV	1451	1078
>ATM-L2722 RDDLRQDAV	83	>ATM-L2722 RDDRRQDAV	186	103
>ATM-L2722 KGRDDLRRQD	254	>ATM-L2722 KGRDDRRQD	106	148
>ATM-L2722 KGRDDLRRQD	694	>ATM-L2722 KGRDDRRQD	301	393
>ATM-L2722 LVKGRDDL	166	>ATM-L2722 LVKGRDDR	333	167
>ATM-L2722 LVKGRDDL	265	>ATM-L2722 LVKGRDDR	722	457
>ATM-L2722 LVKGRDDL	34498	>ATM-L2722 LVKGRDDR	261	34237
>ATM-L2722 LVKGRDDL	59	>ATM-L2722 LVKGRDDR	158	99
>ATM-L2722 QLVKGRDDL	451	>ATM-L2722 QLVKGRDDR	28796	28345
>ATM-L2722 RQLVKGRDD	19375	>ATM-L2722 RQLVKGRDD	249	19126
>ATM-L2722 RQLVKGRDD	39	>ATM-L2722 RQLVKGRDD	60	21
>ATM-L2722 RQLVKGRDD	122	>ATM-L2722 RQLVKGRDD	1089	967
>ATM-L2722 RQLVKGRDD	374	>ATM-L2722 RQLVKGRDD	17153	16779
>ATM-L2722 RQLVKGRDD	303	>ATM-L2722 RQLVKGRDD	560	257
>ATM-L2890' EQSAELVHID	459	>ATM-L2890' EQSAELVHID'	5529	5070
>ATM-L2890' HIDLGVA	323	>ATM-L2890' HIDVGVAF	366	43
>ATM-L2890' VHIDLGVA	1085	>ATM-L2890' VHIDVGVAF	420	665
>ATM-L2890' VHIDLGVA	14	>ATM-L2890' VHIDVGVAF	12	2
>ATM-L2890' VHIDLGVA	325	>ATM-L2890' VHIDVGVAF	286	39
>ATM-L2890' LVHIDLGV	189	>ATM-L2890' LVHIDVGV	202	13
>ATM-L2890' LVHIDLGV	127	>ATM-L2890' LVHIDVGV	205	78
>ATM-L2890' LVHIDLGV	154	>ATM-L2890' LVHIDVGV	90	64
>ATM-L2890' LVHIDLGV	20	>ATM-L2890' LVHIDVGV	17	3
>ATM-L2890' LVHIDLGV	535	>ATM-L2890' LVHIDVGV	159	376

>ATM-L2890' LVHIDLGVAF	105	>ATM-L2890' LVHIDVGVAF	76	29
>ATM-L2890' LVHIDLGVAF	261	>ATM-L2890' LVHIDVGVAF	186	75
>ATM-L2890' LVHIDLGVAF	356	>ATM-L2890' LVHIDVGVAF	421	65
>ATM-L2890' ELVHIDLGV	380	>ATM-L2890' ELVHIDVGV	138	242
>ATM-L2890' ELVHIDLGV	417	>ATM-L2890' ELVHIDVGV	519	102
>ATM-L2890' ELVHIDLGV	284	>ATM-L2890' ELVHIDVGV	273	11
>ATM-L2890' ELVHIDLGV	93	>ATM-L2890' ELVHIDVGV	60	33
>ATM-L2890' ELVHIDLGV	153	>ATM-L2890' ELVHIDVGV	67	86
>ATM-L2890' ELVHIDLGV	53	>ATM-L2890' ELVHIDVGV	36	17
>ATM-L2890' ELVHIDLGV	229	>ATM-L2890' ELVHIDVGV	109	120
>ATM-L2890' ELVHIDLGV	14	>ATM-L2890' ELVHIDVGV	11	3
>ATM-L2890' ELVHIDLGVA	254	>ATM-L2890' ELVHIDVGV	218	36
>ATM-L2890' ELVHIDLGVA	239	>ATM-L2890' ELVHIDVGV	213	26
>ATM-L2890' ELVHIDLGVA	383	>ATM-L2890' ELVHIDVGV	268	115
>ATM-L2890' ELVHIDLGV	39	>ATM-L2890' ELVHIDVGV	13	26
>ATM-L2890' ELVHIDLGV	207	>ATM-L2890' ELVHIDVGV	172	35
>ATM-L2890' ELVHIDLGVA	231	>ATM-L2890' ELVHIDVGV	268	37
>ATM-L2890' ELVHIDLGVA	121	>ATM-L2890' ELVHIDVGV	108	13
>ATM-L2890' ELVHIDLGVA	115	>ATM-L2890' ELVHIDVGV	121	6
>ATM-L2890' AELVHIDL	22	>ATM-L2890' AELVHIDV	191	169
>ATM-L2890' AELVHIDL	37	>ATM-L2890' AELVHIDV	105	68
>ATM-L2890' AELVHIDLGV	174	>ATM-L2890' AELVHIDVGV	172	2
>ATM-L2890' AELVHIDL	154	>ATM-L2890' AELVHIDV	338	184
>ATM-L2890' AELVHIDLGV	329	>ATM-L2890' AELVHIDVGV	390	61
>ATM-L2890' AELVHIDL	151	>ATM-L2890' AELVHIDV	19	132
>ATM-L2890' AELVHIDLG	457	>ATM-L2890' AELVHIDVG	141	316
>ATM-L2890' AELVHIDLGV	265	>ATM-L2890' AELVHIDVGV	233	32
>ATM-L2890' AELVHIDLGV	10	>ATM-L2890' AELVHIDVGV	9	1
>ATM-L2890' AELVHIDL	889	>ATM-L2890' AELVHIDV	307	582
>ATM-L2890' AELVHIDLG	154	>ATM-L2890' AELVHIDVG	410	256
>ATM-L2890' AELVHIDLGV	12	>ATM-L2890' AELVHIDVGV	10	2
>ATM-L2890' AELVHIDLGV	94	>ATM-L2890' AELVHIDVGV	140	46
>ATM-L2890' QSAELVHIDL	539	>ATM-L2890' QSAELVHIDV	67	472
>ATM-L2890' QSAELVHIDL	1336	>ATM-L2890' QSAELVHIDV	166	1170
>ATM-L2890' QSAELVHIDL	358	>ATM-L2890' QSAELVHIDV	8596	8238
>ATM-L2890' QSAELVHIDL	332	>ATM-L2890' QSAELVHIDV	2267	1935
>ATM-L3017' LKGVVEEGTVL	346	>ATM-L3017' PKGVVEEGTVL	3619	3273
>ATM-L3017' KLKGVVEEGTV	97	>ATM-L3017' KPKGVEEGTV	20747	20650
>ATM-L3017' KLKGVVEEGTV	125	>ATM-L3017' KPKGVEEGTV	29286	29161
>ATM-L3017' KLKGVVEEGTV	57	>ATM-L3017' KPKGVEEGTV	16020	15963
>ATM-L3017' KLKGVVEEGTV	147	>ATM-L3017' KPKGVEEGTV	22099	21952
>ATM-L3017' KLKGVVEEGTV	28	>ATM-L3017' KPKGVEEGTV	18956	18928
>ATM-L3017' KLKGVVEEGTV	262	>ATM-L3017' KPKGVEEGTV	26897	26635

>ATM-L3017 KLKGVVEEGTV	118	>ATM-L3017 KPKGVVEEGTV	23526	23408
>ATM-L3017 KLKGVVEEGTV	95	>ATM-L3017 KPKGVVEEGTV	22720	22625
>ATM-L3017 KLKGVVEEGTV	6	>ATM-L3017 KPKGVVEEGTV	25953	25947
>ATM-L3017 KLKGVVEEGTV	27	>ATM-L3017 KPKGVVEEGTV	31901	31874
>ATM-L3017 KLKGVVEEGTV	27843	>ATM-L3017 KPKGVVEEGTV	212	27631
>ATM-L3017 KLKGVVEEGTV	7435	>ATM-L3017 KPKGVVEEGTV	76	7359
>ATM-L3017 QEKLKGV	195	>ATM-L3017 QEKPKGV	3592	3397
>ATM-L3017 RLQEKLKGV	100	>ATM-L3017 RLQEKPKGV	441	341
>ATM-L3017 RLQEKLKGV	106	>ATM-L3017 RLQEKPKGV	729	623
>ATM-L3017 RLQEKLKGV	5	>ATM-L3017 RLQEKPKGV	9	4
>ATM-L3017 RLQEKLKGV	88	>ATM-L3017 RLQEKPKGV	3794	3706
>ATM-L3017 RLQEKLKGV	3	>ATM-L3017 RLQEKPKGV	3	0
>ATM-L3017 RLQEKLKGV	3	>ATM-L3017 RLQEKPKGV	6	3
>ATM-L3017 RLQEKLKGV	20	>ATM-L3017 RLQEKPKGV	29	9
>ATM-L3017 RLQEKLKGV	14	>ATM-L3017 RLQEKPKGV	28	14
>ATM-L3017 RLQEKLKGV	2	>ATM-L3017 RLQEKPKGV	7	5
>ATM-L3017 MRLQEKLK	157	>ATM-L3017 MRLQEKP	171	14
>ATM-L3017 MRLQEKLKGV	757	>ATM-L3017 MRLQEKPKGV	273	484
>ATM-L3017 LMRLQEKLKGV	70	>ATM-L3017 LMRLQEKPKGV	80	10
>ATM-L3017 LMRLQEKLKGV	115	>ATM-L3017 LMRLQEKPKGV	101	14
>ATM-L3017 LMRLQEKLKGV	338	>ATM-L3017 LMRLQEKPKGV	445	107
>ATM-L3017 LMRLQEKL	65	>ATM-L3017 LMRLQEKP	28054	27989
>ATM-L3017 LMRLQEKLKGV	9	>ATM-L3017 LMRLQEKPKGV	15	6
>ATM-L3017 LMRLQEKLK	26	>ATM-L3017 LMRLQEKP	13	13
>ATM-L3017 VLMRLQEKL	124	>ATM-L3017 VLMRLQEKP	21613	21489
>ATM-L3017 VLMRLQEKL	11	>ATM-L3017 VLMRLQEKP	2353	2342
>ATM-L3017 VLMRLQEKL	291	>ATM-L3017 VLMRLQEKP	17404	17113
>ATM-L3017 VLMRLQEKL	18	>ATM-L3017 VLMRLQEKP	9224	9206
>ATM-L3017 VLMRLQEKL	63	>ATM-L3017 VLMRLQEKP	18598	18535
>ATM-L3017 VLMRLQEKL	67	>ATM-L3017 VLMRLQEKP	17948	17881
>ATM-L3017 VLMRLQEKL	8	>ATM-L3017 VLMRLQEKP	18421	18413
>ATM-L3017 VLMRLQEKL	6	>ATM-L3017 VLMRLQEKP	11808	11802
>ATM-L3017 VLMRLQEKLK	129	>ATM-L3017 VLMRLQEKP	164	35
>ATM-L3017 VLMRLQEKLK	314	>ATM-L3017 VLMRLQEKP	445	131
>ATM-L3017 RVLMLQEKL	132	>ATM-L3017 RVLMLQEKP	212	80
>ATM-L3017 RVLMLQEKL	60	>ATM-L3017 RVLMLQEKP	55	5
>ATM-L3017 RVLMLQEKL	10	>ATM-L3017 RVLMLQEKP	7	3
>ATM-L3017 RVLMLQEKL	130	>ATM-L3017 RVLMLQEKP	91	39
>ATM-L3017 RVLMLQEKL	177	>ATM-L3017 RVLMLQEKP	7489	7312
>ATM-L3017 RVLMLQEKL	205	>ATM-L3017 RVLMLQEKP	20861	20656
>ATM-M104(MALVNCLKTL	406	>ATM-M104(MALVNCLKTL	386	20
>ATM-M104(MALVNCLKTL	41	>ATM-M104(MALVNCLKTL	27	14
>ATM-M104(MALVNCLKTL	555	>ATM-M104(MALVNCLKTL	241	314

>ATM-M104I MALVNCLKTI	380	>ATM-M104I VALVNCLKTL	2052	1672
>ATM-M104I MALVNCLK	485	>ATM-M104I VALVNCLK	1191	706
>ATM-M104I MALVNCLK	48	>ATM-M104I VALVNCLK	80	32
>ATM-M104I MALVNCLK	35	>ATM-M104I VALVNCLK	617	582
>ATM-M104I MALVNCLK	419	>ATM-M104I VALVNCLK	2257	1838
>ATM-M104I MALVNCLK	38	>ATM-M104I VALVNCLK	841	803
>ATM-M104I MALVNCLKTI	331	>ATM-M104I VALVNCLKTL	1023	692
>ATM-M104I MALVNCLKTI	20	>ATM-M104I VALVNCLKTL	42	22
>ATM-M104I MALVNCLKTI	218	>ATM-M104I VALVNCLKTL	513	295
>ATM-M104I RMALVNCL	147	>ATM-M104I RVALVNCL	4100	3953
>ATM-M104I RMALVNCLK	222	>ATM-M104I RVALVNCLKT	4154	3932
>ATM-M104I RMALVNCL	10	>ATM-M104I RVALVNCL	200	190
>ATM-M104I RMALVNCLK	44	>ATM-M104I RVALVNCLKT	707	663
>ATM-M104I RMALVNCL	97	>ATM-M104I RVALVNCL	2066	1969
>ATM-M104I RMALVNCLK	39	>ATM-M104I RVALVNCLKT	892	853
>ATM-M104I RMALVNCL	403	>ATM-M104I RVALVNCL	656	253
>ATM-M104I RMALVNCLK	394	>ATM-M104I RVALVNCLKT	436	42
>ATM-M104I RMALVNCL	60	>ATM-M104I RVALVNCL	6694	6634
>ATM-M104I RMALVNCLK	26	>ATM-M104I RVALVNCLKT	3632	3606
>ATM-M104I RMALVNCL	86	>ATM-M104I RVALVNCL	9669	9583
>ATM-M104I RMALVNCLK	68	>ATM-M104I RVALVNCLKT	7228	7160
>ATM-M104I RMALVNCL	31	>ATM-M104I RVALVNCL	3153	3122
>ATM-M104I RMALVNCLK	75	>ATM-M104I RVALVNCLKT	5075	5000
>ATM-M104I RMALVNCL	75	>ATM-M104I RVALVNCL	7417	7342
>ATM-M104I RMALVNCLK	113	>ATM-M104I RVALVNCLKT	6644	6531
>ATM-M104I RMALVNCL	107	>ATM-M104I RVALVNCL	8822	8715
>ATM-M104I RMALVNCLK	36	>ATM-M104I RVALVNCLKT	4710	4674
>ATM-M104I RMALVNCLK	36	>ATM-M104I RVALVNCLK	61	25
>ATM-M104I RMALVNCLK	18	>ATM-M104I RVALVNCLK	22	4
>ATM-M104I RMALVNCLK	46	>ATM-M104I RVALVNCLK	14	32
>ATM-M104I RMALVNCLK	65	>ATM-M104I RVALVNCLK	147	82
>ATM-M104I RMALVNCL	426	>ATM-M104I RVALVNCL	721	295
>ATM-M104I RMALVNCLK	74	>ATM-M104I RVALVNCLKT	112	38
>ATM-M104I RMALVNCLK	317	>ATM-M104I RVALVNCLK	31	286
>ATM-M104I RMALVNCL	235	>ATM-M104I RVALVNCL	5827	5592
>ATM-M104I RMALVNCLK	239	>ATM-M104I RVALVNCLKT	4115	3876
>ATM-M104I RMALVNCLK	796	>ATM-M104I RVALVNCLKT	378	418
>ATM-M104I RMALVNCL	517	>ATM-M104I RVALVNCL	130	387
>ATM-M104I RMALVNCLK	3450	>ATM-M104I RVALVNCLKT	393	3057
>ATM-M104I RMALVNCLK	244	>ATM-M104I RVALVNCLK	1705	1461
>ATM-M104I KERKYIFSVRN	244	>ATM-M104I KERKYIFSVRV	940	696
>ATM-M104I KERKYIFSVRN	44	>ATM-M104I KERKYIFSVRV	60	16
>ATM-M104I KERKYIFSVRN	1392	>ATM-M104I KERKYIFSVRV	108	1284



>ATM-M104IKERKYIFSVRM	12	>ATM-M104IKERKYIFSVRV	6	6
>ATM-M104IVRMALVNCL	225	>ATM-M104IVRVALVNCL	489	264
>ATM-M104IVRMALVNCL	81	>ATM-M104IVRVALVNCL	518	437
>ATM-M104IVRMALVNCL	208	>ATM-M104IVRVALVNCLK	377	169
>ATM-M104IVRMALVNCL	31	>ATM-M104IVRVALVNCL	103	72
>ATM-M104IVRMALVNCL	289	>ATM-M104IVRVALVNCL	820	531
>ATM-M104IVRMALVNCL	17	>ATM-M104IVRVALVNCL	53	36
>ATM-M104ISVRMALVNC	129	>ATM-M104ISVRVALVNCL	159	30
>ATM-M104ISVRMALVNC	71	>ATM-M104ISVRVALVNCL	94	23
>ATM-M104ISVRMALVN	237	>ATM-M104ISVRVALVN	287	50
>ATM-M104ISVRMALVNC	128	>ATM-M104ISVRVALVNC	150	22
>ATM-M104ISVRMALVNC	32	>ATM-M104ISVRVALVNCL	33	1
>ATM-M104ISVRMALVNC	3	>ATM-M104ISVRVALVNCL	3	0
>ATM-M104ISVRMALVNC	286	>ATM-M104ISVRVALVNCL	303	17
>ATM-M104ISVRMALVNC	129	>ATM-M104ISVRVALVNCL	168	39
>ATM-M104IFSVRMALVNC	444	>ATM-M104IFSVRVALVNC	3506	3062
>ATM-M104IFSVRMALV	269	>ATM-M104IFSVRVALV	387	118
>ATM-M104IFSVRMALV	171	>ATM-M104IFSVRVALV	123	48
>ATM-M104IFSVRMALVNC	525	>ATM-M104IFSVRVALVNC	372	153
>ATM-M104IFSVRMALV	226	>ATM-M104IFSVRVALV	201	25
>ATM-M104IFSVRMALV	35	>ATM-M104IFSVRVALV	21	14
>ATM-M104IFSVRMALV	1903	>ATM-M104IFSVRVALV	391	1512
>ATM-M104IFSVRMALV	44	>ATM-M104IFSVRVALV	27	17
>ATM-M104IFSVRMALV	284	>ATM-M104IFSVRVALV	256	28
>ATM-M104IFSVRMALVNC	540	>ATM-M104IFSVRVALVNC	469	71
>ATM-M104IFSVRMALV	383	>ATM-M104IFSVRVALV	1223	840
>ATM-M104IFSVRMALVNC	328	>ATM-M104IFSVRVALVNC	751	423
>ATM-M104IFSVRMALVNC	227	>ATM-M104IFSVRVALVNC	174	53
>ATM-M104IFSVRMALVNC	1047	>ATM-M104IFSVRVALVNC	471	576
>ATM-M104IFSVRMALV	379	>ATM-M104IFSVRVALV	492	113
>ATM-M104IFSVRMALV	342	>ATM-M104IFSVRVALV	263	79
>ATM-M104IYIFSVRMA	121	>ATM-M104IYIFSVRVA	294	173
>ATM-M104IYIFSVRMAL	32	>ATM-M104IYIFSVRVAL	34	2
>ATM-M104IYIFSVRMALV	33	>ATM-M104IYIFSVRVALV	35	2
>ATM-M104IYIFSVRMA	189	>ATM-M104IYIFSVRVA	330	141
>ATM-M104IYIFSVRMAL	15	>ATM-M104IYIFSVRVAL	11	4
>ATM-M104IYIFSVRMALV	16	>ATM-M104IYIFSVRVALV	18	2
>ATM-M104IYIFSVRMA	26	>ATM-M104IYIFSVRVA	47	21
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>ATM-M104IYIFSVRMALV	11	>ATM-M104IYIFSVRVALV	11	0
>ATM-M104IYIFSVRMA	161	>ATM-M104IYIFSVRVA	233	72
>ATM-M104IYIFSVRMAL	34	>ATM-M104IYIFSVRVAL	36	2
>ATM-M104IYIFSVRMALV	45	>ATM-M104IYIFSVRVALV	48	3

>ATM-M104(YIFSVRMA	18	>ATM-M104(YIFSVRVA	32	14
>ATM-M104(YIFSVRMAL	11	>ATM-M104(YIFSVRVAL	9	2
>ATM-M104(YIFSVRMALV	3	>ATM-M104(YIFSVRVALV	2	1
>ATM-M104(YIFSVRMALV	43	>ATM-M104(YIFSVRVALV	35	8
>ATM-M104(YIFSVRMA	153	>ATM-M104(YIFSVRVA	285	132
>ATM-M104(YIFSVRMAL	67	>ATM-M104(YIFSVRVAL	53	14
>ATM-M104(YIFSVRMALV	9	>ATM-M104(YIFSVRVALV	7	2
>ATM-M104(YIFSVRMALV	84	>ATM-M104(YIFSVRVALV	35	49
>ATM-M104(YIFSVRMA	80	>ATM-M104(YIFSVRVA	123	43
>ATM-M104(YIFSVRMAL	7	>ATM-M104(YIFSVRVAL	8	1
>ATM-M104(YIFSVRMALV	2	>ATM-M104(YIFSVRVALV	2	0
>ATM-M104(YIFSVRMAL	115	>ATM-M104(YIFSVRVAL	40	75
>ATM-M104(YIFSVRMA	228	>ATM-M104(YIFSVRVA	354	126
>ATM-M104(YIFSVRMAL	13	>ATM-M104(YIFSVRVAL	19	6
>ATM-M104(YIFSVRMALV	27	>ATM-M104(YIFSVRVALV	33	6
>ATM-M104(YIFSVRMAL	115	>ATM-M104(YIFSVRVAL	218	103
>ATM-M104(YIFSVRMALV	15	>ATM-M104(YIFSVRVALV	24	9
>ATM-M104(YIFSVRMAL	271	>ATM-M104(YIFSVRVAL	658	387
>ATM-M104(YIFSVRMAL	276	>ATM-M104(YIFSVRVAL	271	5
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>ATM-M104(YIFSVRMAL	115	>ATM-M104(YIFSVRVAL	354	239
>ATM-M104(YIFSVRMAL	87	>ATM-M104(YIFSVRVAL	46	41
>ATM-M104(KYIFSVRM	174	>ATM-M104(KYIFSVRV	185	11
>ATM-M104(KYIFSVRMAL	7	>ATM-M104(KYIFSVRVAL	7	0
>ATM-M104(KYIFSVRMAL'	405	>ATM-M104(KYIFSVRVALV	442	37
>ATM-M104(KYIFSVRM	269	>ATM-M104(KYIFSVRV	287	18
>ATM-M104(KYIFSVRMAL'	399	>ATM-M104(KYIFSVRVALV	398	1
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>ATM-M104(KYIFSVRMAL'	274	>ATM-M104(KYIFSVRVALV	193	81
>ATM-M104(KYIFSVRM	129	>ATM-M104(KYIFSVRV	320	191
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>ATM-M104(KYIFSVRM	779	>ATM-M104(KYIFSVRV	478	301
>ATM-M104(KYIFSVRMA	260	>ATM-M104(KYIFSVRVA	217	43
>ATM-M104(KYIFSVRMAL	127	>ATM-M104(KYIFSVRVAL	333	206
>ATM-M104(KYIFSVRMAL'	142	>ATM-M104(KYIFSVRVALV	145	3
>ATM-M104(KYIFSVRMAL	233	>ATM-M104(KYIFSVRVAL	108	125
>ATM-M104(KYIFSVRMAL'	396	>ATM-M104(KYIFSVRVALV	475	79
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>ATM-M104(KYIFSVRMA	230	>ATM-M104(KYIFSVRVA	249	19
>ATM-M104(KYIFSVRMAL	332	>ATM-M104(KYIFSVRVAL	362	30
>ATM-M104(KYIFSVRMAL'	273	>ATM-M104(KYIFSVRVALV	252	21
>ATM-M104(RKYIFSVRM	73	>ATM-M104(RKYIFSVRV	299	226

>ATM-M104IRKYIFSVRMA	359	>ATM-M104IRKYIFSVRVAL	373	14
>ATM-M104IRKYIFSVRM	10399	>ATM-M104IRKYIFSVRV	232	10167
>ATM-M104IRKYIFSVRMA	426	>ATM-M104IRKYIFSVRVAL	197	229
>ATM-M104IRKYIFSVRM	5	>ATM-M104IRKYIFSVRV	14	9
>ATM-M104IRKYIFSVRMA	29	>ATM-M104IRKYIFSVRVA	21	8
>ATM-M104IRKYIFSVRMA	4	>ATM-M104IRKYIFSVRVAL	4	0
>ATM-M104IRKYIFSVRM	157	>ATM-M104IRKYIFSVRV	920	763
>ATM-M104IRKYIFSVRMA	348	>ATM-M104IRKYIFSVRVAL	234	114
>ATM-M104IRKYIFSVRMA	122	>ATM-M104IRKYIFSVRVAL	102	20
>ATM-M104IRKYIFSVRM	463	>ATM-M104IRKYIFSVRV	1683	1220
>ATM-M104IRKYIFSVRMA	44	>ATM-M104IRKYIFSVRVAL	42	2
>ATM-M104IRKYIFSVRM	1667	>ATM-M104IRKYIFSVRV	484	1183
>ATM-M104IRKYIFSVRM	272	>ATM-M104IRKYIFSVRV	247	25
>ATM-M104IRKYIFSVRMA	58	>ATM-M104IRKYIFSVRVAL	60	2
>ATM-M104IRKYIFSVRMA	83	>ATM-M104IRKYIFSVRVAL	61	22
>ATM-M191IMRRQKRPS	255	>ATM-M191IIRRQKRPS	3422	3167
>ATM-M191IYMRRQKRPS	540	>ATM-M191IYIRRQKRPS	374	166
>ATM-M191IYMRRQKRPS:	243	>ATM-M191IYIRRQKRPS	171	72
>ATM-M191IYMRRQKRPS	430	>ATM-M191IYIRRQKRPS	1135	705
>ATM-M191IYMRRQKRPS:	68	>ATM-M191IYIRRQKRPS:	137	69
>ATM-M191IQRTMLAVVD	5566	>ATM-M191IQRTMLAVVD	265	5301
>ATM-M191IQRTMLAVVD	128	>ATM-M191IQRTMLAVVD	257	129
>ATM-M191IQRTMLAVVD	848	>ATM-M191IQRTMLAVVD	488	360
>ATM-M191IDYMRRQKR	327	>ATM-M191IDYIRRQKR	797	470
>ATM-M191IDYMRRQKR	10	>ATM-M191IDYIRRQKR	14	4
>ATM-M191IDYMRRQKR	155	>ATM-M191IDYIRRQKR	221	66
>ATM-M191IVVDYMRRQK	141	>ATM-M191IVVDYIRRQK	176	35
>ATM-M191IVVDYMRRQK	137	>ATM-M191IVVDYIRRQKR	134	3
>ATM-M191IAVVDYMRR	71	>ATM-M191IAVVDYIRRQK	73	2
>ATM-M191IAVVDYMRR	108	>ATM-M191IAVVDYIRR	166	58
>ATM-M191IAVVDYMRR	89	>ATM-M191IAVVDYIRRQK	81	8
>ATM-M191IAVVDYMRR	73	>ATM-M191IAVVDYIRRQ	587	514
>ATM-M191IAVVDYMRR	153	>ATM-M191IAVVDYIRRQK	173	20
>ATM-M191IAVVDYMRR	65	>ATM-M191IAVVDYIRR	73	8
>ATM-M191IAVVDYMRR	392	>ATM-M191IAVVDYIRRQK	272	120
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>ATM-M191IAVVDYMRR	66	>ATM-M191IAVVDYIRR	80	14
>ATM-M191IAVVDYMRR	557	>ATM-M191IAVVDYIRRQK	411	146
>ATM-M191IAVVDYMRR	139	>ATM-M191IAVVDYIRRQK	131	8
>ATM-M191IAVVDYMRR	211	>ATM-M191IAVVDYIRR	384	173
>ATM-M191IAVVDYMRR	308	>ATM-M191IAVVDYIRRQK	567	259
>ATM-M191ILAVVDYMR	151	>ATM-M191ILAVVDYIR	202	51
>ATM-M191ILAVVDYMR	385	>ATM-M191ILAVVDYIRR	426	41

>ATM-M191 LAVVDYMR	34	>ATM-M191 LAVVDYIR	86	52
>ATM-M191 LAVVDYMRR	94	>ATM-M191 LAVVDYIRR	164	70
>ATM-M191 LAVVDYMRR	404	>ATM-M191 LAVVDYIRRQ	367	37
>ATM-M191 MLAVVDYM	50	>ATM-M191 MLAVVDYI	21	29
>ATM-M191 MLAVVDYM	6	>ATM-M191 MLAVVDYI	3	3
>ATM-M191 MLAVVDYMF	282	>ATM-M191 MLAVVDYIRF	278	4
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>ATM-M191 MLAVVDYM	246	>ATM-M191 MLAVVDYI	56	190
>ATM-M191 MLAVVDYM	18	>ATM-M191 MLAVVDYI	5	13
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>ATM-M191 MLAVVDYM	41	>ATM-M191 MLAVVDYI	11	30
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>ATM-M191 MLAVVDYMF	460	>ATM-M191 MLAVVDYIRF	227	233
>ATM-M191 MLAVVDYMF	23	>ATM-M191 MLAVVDYIR	24	1
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>ATM-M191 MLAVVDYMF	38	>ATM-M191 MLAVVDYIR	103	65
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>ATM-M191 MLAVVDYMF	13	>ATM-M191 MLAVVDYIRF	12	1
>ATM-M191 MLAVVDYM	159	>ATM-M191 MLAVVDYI	19	140
>ATM-M191 MLAVVDYMF	253	>ATM-M191 MLAVVDYIR	183	70
>ATM-M191 MLAVVDYMF	328	>ATM-M191 MLAVVDYIRF	306	22
>ATM-M191 TMLAVVDYN	2291	>ATM-M191 TMLAVVDYI	376	1915
>ATM-M191 TMLAVVDYN	31	>ATM-M191 TMLAVVDYI	14	17
>ATM-M191 TMLAVVDYN	73	>ATM-M191 TMLAVVDYI	21	52
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>ATM-M191 TMLAVVDYN	117	>ATM-M191 TMLAVVDYI	28	89
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>ATM-M191 TMLAVVDYN	25	>ATM-M191 TMLAVVDYI	10	15
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>ATM-M191 TMLAVVDYN	75	>ATM-M191 TMLAVVDYIR	107	32
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>ATM-M191 TMLAVVDYN	37	>ATM-M191 TMLAVVDYIR	64	27
>ATM-M191 TMLAVVDYN	23	>ATM-M191 TMLAVVDYIR	23	0
>ATM-M191 TMLAVVDYN	218	>ATM-M191 TMLAVVDYIR	375	157
>ATM-M191 TMLAVVDYN	113	>ATM-M191 TMLAVVDYIR	156	43
>ATM-M191 TMLAVVDYN	9	>ATM-M191 TMLAVVDYIR	17	8
>ATM-M191 TMLAVVDYN	70	>ATM-M191 TMLAVVDYIR	94	24
>ATM-M191 TMLAVVDYN	2469	>ATM-M191 TMLAVVDYI	218	2251

>ATM-M191ITMLAVVDYM	182	>ATM-M191ITMLAVVDYI	84	98
>ATM-M191ITMLAVVDYM	438	>ATM-M191ITMLAVVDYI	579	141
>ATM-M191ITMLAVVDYM	323	>ATM-M191ITMLAVVDYIR	450	127
>ATM-M191ITMLAVVDYM	65	>ATM-M191ITMLAVVDYIR	54	11
>ATM-M191ITMLAVVDYM	98	>ATM-M191ITMLAVVDYIR	93	5
>ATM-M191IRTMLAVVDYI	331	>ATM-M191IRTMLAVVDYI	117	214
>ATM-M191IRTMLAVVDYI	162	>ATM-M191IRTMLAVVDYI	90	72
>ATM-M191IRTMLAVVDYI	732	>ATM-M191IRTMLAVVDYI	138	594
>ATM-M191IRTMLAVVDYI	310	>ATM-M191IRTMLAVVDYI	109	201
>ATM-M191IRTMLAVVDYI	1771	>ATM-M191IRTMLAVVDYI	252	1519
>ATM-M191IRTMLAVVDYI	24	>ATM-M191IRTMLAVVDYI	37	13
>ATM-M191IRTMLAVVDYI	4478	>ATM-M191IRTMLAVVDYI	463	4015
>ATM-M191IRTMLAVVDYI	53	>ATM-M191IRTMLAVVDYI	2068	2015
>ATM-M191IRTMLAVVDYI	282	>ATM-M191IRTMLAVVDYI	104	178
>ATM-M191IRTMLAVVDYI	10	>ATM-M191IRTMLAVVDYI	11	1
>ATM-M191IRTMLAVVDYI	177	>ATM-M191IRTMLAVVDYI	26	151
>ATM-M191IRTMLAVVDYI	272	>ATM-M191IRTMLAVVDYI	695	423
>ATM-M191IRTMLAVVDYI	14	>ATM-M191IRTMLAVVDYI	29	15
>ATM-M191IRTMLAVVDYI	156	>ATM-M191IRTMLAVVDYI	27	129
>ATM-M191IRTMLAVVDYI	6	>ATM-M191IRTMLAVVDYI	19	13
>ATM-M191IRTMLAVVDYI	236	>ATM-M191IRTMLAVVDYI	1132	896
>ATM-M191IRTMLAVVDYI	33	>ATM-M191IRTMLAVVDYI	39	6
>ATM-M191IRTMLAVVDYI	234	>ATM-M191IRTMLAVVDYI	452	218
>ATM-M191IRTMLAVVDYI	19	>ATM-M191IRTMLAVVDYI	151	132
>ATM-M191IRTMLAVVDYI	95	>ATM-M191IRTMLAVVDYI	81	14
>ATM-M1L-vMSLVLNDLL	483	>ATM-M1L-nLSLVLNDLL	1056	573
>ATM-M1L-vMSLVLNDL	150	>ATM-M1L-nLSLVLNDL	365	215
>ATM-M1L-vMSLVLNDLL	191	>ATM-M1L-nLSLVLNDLL	471	280
>ATM-M1L-vMSLVLNDLLI	118	>ATM-M1L-nLSLVLNDLLI	253	135
>ATM-M1L-vMSLVLNDLL	246	>ATM-M1L-nLSLVLNDLL	493	247
>ATM-M1L-vMSLVLNDLLI	50	>ATM-M1L-nLSLVLNDLLI	101	51
>ATM-M1L-vMSLVLNDL	464	>ATM-M1L-nLSLVLNDL	744	280
>ATM-M1L-vMSLVLNDLL	74	>ATM-M1L-nLSLVLNDLL	80	6
>ATM-M1L-vMSLVLNDLLI	76	>ATM-M1L-nLSLVLNDLLI	48	28
>ATM-M261IMVRSVEAL	487	>ATM-M261IVRSVEAL	1859	1372
>ATM-M261IMVRSVEAL	449	>ATM-M261IVRSVEAL	1560	1111
>ATM-M261IMVRSVEAL	82	>ATM-M261IVRSVEAL	663	581
>ATM-M261IMVRSVEALC	496	>ATM-M261IVRSVEALC	2429	1933
>ATM-M261IMVRSVEALCI	18	>ATM-M261IVRSVEALCD	96	78
>ATM-M261IMVRSVEAL	283	>ATM-M261IVRSVEAL	7229	6946
>ATM-M261IMVRSVEAL	75	>ATM-M261IVRSVEAL	201	126
>ATM-M261IQMVRSVEA	274	>ATM-M261IQIVRSVEA	3536	3262
>ATM-M261IQMVRSVEAL	30	>ATM-M261IQIVRSVEAL	420	390

>ATM-M261 QMVRSVEA	157	>ATM-M261 QIVRSVEA	1945	1788
>ATM-M261 QMVRSVEAL	83	>ATM-M261 QIVRSVEAL	1244	1161
>ATM-M261 QMVRSVEA	325	>ATM-M261 QIVRSVEA	937	612
>ATM-M261 QMVRSVEAL	151	>ATM-M261 QIVRSVEAL	473	322
>ATM-M261 QMVRSVEA	327	>ATM-M261 QIVRSVEA	7844	7517
>ATM-M261 QMVRSVEAL	36	>ATM-M261 QIVRSVEAL	1846	1810
>ATM-M261 QMVRSVEAL	116	>ATM-M261 QIVRSVEAL	7855	7739
>ATM-M261 QMVRSVEA	106	>ATM-M261 QIVRSVEA	4740	4634
>ATM-M261 QMVRSVEAL	69	>ATM-M261 QIVRSVEAL	2222	2153
>ATM-M261 QMVRSVEAL	227	>ATM-M261 QIVRSVEAL	41	186
>ATM-M261 QMVRSVEAL	3019	>ATM-M261 QIVRSVEAL	395	2624
>ATM-M261 QMVRSVEAL	161	>ATM-M261 QIVRSVEAL	1986	1825
>ATM-M261 QMVRSVEAL	21	>ATM-M261 QIVRSVEAL	747	726
>ATM-M261 QMVRSVEAL	459	>ATM-M261 QIVRSVEAL	4850	4391
>ATM-M261 PQMVRSVEA	100	>ATM-M261 PQIVRSVEAL	188	88
>ATM-M261 RPQMVRVS	12	>ATM-M261 RPQIVRSV	18	6
>ATM-M261 RPQMVRVSVE	189	>ATM-M261 RPQIVRSVE	494	305
>ATM-M261 RPQMVRVSVE	100	>ATM-M261 RPQIVRSVEA	204	104
>ATM-M261 RPQMVRVSVE	10	>ATM-M261 RPQIVRSVEA	11	1
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>ATM-M261 RPQMVRVSVE	161	>ATM-M261 RPQIVRSVEA	180	19
>ATM-M261 RRPQMVRVS	243	>ATM-M261 RRPQIVRSV	197	46
>ATM-M261 RRPQMVRVS	104	>ATM-M261 RRPQIVRSV	124	20
>ATM-M261 RRPQMVRVS	202	>ATM-M261 RRPQIVRSVE	208	6
>ATM-M261 RRPQMVRVS	254	>ATM-M261 RRPQIVRSVE	289	35
>ATM-M261 RRPQMVRVS	29	>ATM-M261 RRPQIVRSV	39	10
>ATM-M261 RRPQMVRVS	230	>ATM-M261 RRPQIVRSVE	292	62
>ATM-M261 SRRPQMVRVS'	605	>ATM-M261 SRRPQIVRSV	485	120
>ATM-M261 SRRPQMVRVS'	697	>ATM-M261 SRRPQIVRSV	486	211
>ATM-M261 RSRRPQMVR	206	>ATM-M261 RSRRPQIVR	330	124
>ATM-M261 RSRRPQMVR	5	>ATM-M261 RSRRPQIV	4	1
>ATM-M261 RSRRPQMVR	5	>ATM-M261 RSRRPQIVR	5	0
>ATM-M261 RSRRPQMVR	9	>ATM-M261 RSRRPQIVRS	9	0
>ATM-M261 RSRRPQMVR	4	>ATM-M261 RSRRPQIVRS'	4	0
>ATM-M261 RSRRPQMVR	17	>ATM-M261 RSRRPQIVR	16	1
>ATM-M261 RSRRPQMVR	259	>ATM-M261 RSRRPQIVRS'	407	148
>ATM-M261 RSRRPQMVR	198	>ATM-M261 RSRRPQIV	176	22
>ATM-M261 RSRRPQMVR	221	>ATM-M261 RSRRPQIVR	654	433
>ATM-M261 RSRRPQMVR	113	>ATM-M261 RSRRPQIVRS'	152	39
>ATM-M261 RSRRPQMVR	55	>ATM-M261 RSRRPQIV	148	93
>ATM-M261 RSRRPQMVR	434	>ATM-M261 RSRRPQIVRS	810	376
>ATM-M261 RSRRPQMVR	51	>ATM-M261 RSRRPQIVRS'	70	19
>ATM-M261 RSRRPQMVR	420	>ATM-M261 RSRRPQIV	382	38

>ATM-M261 RSRRPQMVR	149	>ATM-M261 RSRRPQIVRS'	184	35
>ATM-M261 IRSRRPQM	379	>ATM-M261 IRSRRPQI	785	406
>ATM-M261 IRSRRPQMV	382	>ATM-M261 IRSRRPQIV	299	83
>ATM-M261 IRSRRPQM	229	>ATM-M261 IRSRRPQI	505	276
>ATM-M261 IRSRRPQMVF	507	>ATM-M261 IRSRRPQIVR	331	176
>ATM-M261 IRSRRPQM	346	>ATM-M261 IRSRRPQI	233	113
>ATM-M261 IRSRRPQMV	248	>ATM-M261 IRSRRPQIV	453	205
>ATM-M261 IRSRRPQMVF	376	>ATM-M261 IRSRRPQIVR	509	133
>ATM-M261 TIRSRRPQM	401	>ATM-M261 TIRSRRPQI	1436	1035
>ATM-M261 TIRSRRPQMV	67	>ATM-M261 TIRSRRPQIV	123	56
>ATM-M261 TIRSRRPQM	30	>ATM-M261 TIRSRRPQI	14	16
>ATM-M261 TIRSRRPQMV	65	>ATM-M261 TIRSRRPQIV	50	15
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>ATM-M261 TIRSRRPQMV	36	>ATM-M261 TIRSRRPQIVR	36	0
>ATM-M261 TIRSRRPQMV	94	>ATM-M261 TIRSRRPQIVR	129	35
>ATM-M261 TIRSRRPQMV	139	>ATM-M261 TIRSRRPQIVR	162	23
>ATM-M261 TIRSRRPQM	49	>ATM-M261 TIRSRRPQI	55	6
>ATM-M261 CTIRSRRPQM	35	>ATM-M261 CTIRSRRPQI	2174	2139
>ATM-M261 CTIRSRRPQM	4493	>ATM-M261 CTIRSRRPQI	441	4052
>ATM-M261 CTIRSRRPQM	117	>ATM-M261 CTIRSRRPQIV	332	215
>ATM-M261 CTIRSRRPQM	76	>ATM-M261 CTIRSRRPQI	599	523
>ATM-M261 CTIRSRRPQM	122	>ATM-M261 CTIRSRRPQI	4655	4533
>ATM-N1739 NILATKTGHSI	798	>ATM-N1739 TILATKTGHSF	486	312
>ATM-N1739 NILATKTGHSI	145	>ATM-N1739 TILATKTGHSF	205	60
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>ATM-N1739 KNILATKT	24279	>ATM-N1739 KTILATKT	362	23917
>ATM-N1739 KNILATKTGH	22586	>ATM-N1739 KTILATKTGH	71	22515
>ATM-N1739 CLKNILAT	346	>ATM-N1739 CLKTILAT	437	91
>ATM-N1739 CLKNILATK	151	>ATM-N1739 CLKTILATK	162	11
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>ATM-N1739 CLKNILATK	478	>ATM-N1739 CLKTILATK	492	14
>ATM-N1739 VTCLKNILATK	573	>ATM-N1739 VTCLKTILATK	343	230
>ATM-N1739 VTCLKNILATK	30	>ATM-N1739 VTCLKTILATK	24	6
>ATM-N1739 VTCLKNILATK	298	>ATM-N1739 VTCLKTILATK	261	37
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>ATM-N1739 VTCLKNIL	325	>ATM-N1739 VTCLKTIL	97	228
>ATM-N1739 AVTCLKNIL	439	>ATM-N1739 AVTCLKTIL	194	245
>ATM-N1739 AAVTCLKNI	882	>ATM-N1739 AAVTCLKTI	280	602
>ATM-N1739 AAVTCLKNI	1087	>ATM-N1739 AAVTCLKTI	415	672
>ATM-N1739 SAAVTCLKNII	598	>ATM-N1739 SAAVTCLKTIL	348	250
>ATM-N1739 SAAVTCLKNI	914	>ATM-N1739 SAAVTCLKTI	477	437

>ATM-N1739RSAAVTCLKN	145	>ATM-N1739RSAAVTCLKT	34	111
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>ATM-N1739RSAAVTCLKN	59	>ATM-N1739RSAAVTCLKT	31	28
>ATM-N1739RSAAVTCLKN	1389	>ATM-N1739RSAAVTCLKT	259	1130
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>ATM-N1801NHDIWIKTL	236	>ATM-N1801YHDIWIKTL	193	43
>ATM-N1801NHDIWIKTL	49	>ATM-N1801YHDIWIKTL	24	25
>ATM-N1801ENHDIWIKTL	25616	>ATM-N1801EYHDIWIKTL	87	25529
>ATM-N1801ENHDIWIK	12387	>ATM-N1801EYHDIWIK	235	12152
>ATM-N1801ENHDIWIK	232	>ATM-N1801EYHDIWIK	134	98
>ATM-N1801ENHDIWIK	2796	>ATM-N1801EYHDIWIK	63	2733
>ATM-N1801ENHDIWIKTL	20760	>ATM-N1801EYHDIWIKTL	365	20395
>ATM-N1801DINLWIPLSEF	18188	>ATM-N1801DINLWIPLSEY	266	17922
>ATM-N1801DINLWIPLSEF	23291	>ATM-N1801DINLWIPLSEY	38	23253
>ATM-N1801DINLWIPLSEF	23894	>ATM-N1801DINLWIPLSEY	327	23567
>ATM-N1801DINLWIPLSEF	25202	>ATM-N1801DINLWIPLSEY	252	24950
>ATM-N1801SENHDIWI	40	>ATM-N1801SEYHDIWI	22	18
>ATM-N1801SENHDIWIKT	198	>ATM-N1801SEYHDIWIKTI	44	154
>ATM-N1801SENHDIWIKT	1656	>ATM-N1801SEYHDIWIKTI	394	1262
>ATM-N1801SENHDIWI	177	>ATM-N1801SEYHDIWI	55	122
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>ATM-N1801SENHDIWIKT	918	>ATM-N1801SEYHDIWIKT	479	439
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>ATM-N1801SENHDIWIKT	305	>ATM-N1801SEYHDIWIKT	156	149
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>ATM-N1801SENHDIWIKT	240	>ATM-N1801SEYHDIWIKTI	174	66
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>ATM-N1801SENHDIWI	2054	>ATM-N1801SEYHDIWI	386	1668
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>ATM-N1801LSENHDIWIK	339	>ATM-N1801LSEYHDIWIK	335	4
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>ATM-N1801LSENHDIW	321	>ATM-N1801LSEYHDIW	300	21
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>ATM-N1801PLSENHDI	1388	>ATM-N1801PLSEYHDI	432	956
>ATM-N1801PLSENHDI	522	>ATM-N1801PLSEYHDI	269	253
>ATM-N1801PLSENHDIWI	221	>ATM-N1801PLSEYHDIWI	177	44
>ATM-N1801PLSENHDI	105	>ATM-N1801PLSEYHDI	77	28



>ATM-N1801PLSENHDIWI	135	>ATM-N1801PLSEYHDIWI	174	39
>ATM-N1801IPLSENHDI	13	>ATM-N1801IPLSEYHDI	9	4
>ATM-N1801IPLSENHDIW	50	>ATM-N1801IPLSEYHDIWI	43	7
>ATM-N1801IPLSENHDI	293	>ATM-N1801IPLSEYHDI	126	167
>ATM-N1801IPLSENHDIW	193	>ATM-N1801IPLSEYHDIWI	123	70
>ATM-N1801IPLSENHDI	68	>ATM-N1801IPLSEYHDI	66	2
>ATM-N1801IPLSENHDIW	131	>ATM-N1801IPLSEYHDIW	149	18
>ATM-N1801IPLSENHDIW	82	>ATM-N1801IPLSEYHDIWI	85	3
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>ATM-N1801IPLSENHDIW	5	>ATM-N1801IPLSEYHDIW	4	1
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>ATM-N1801IPLSENHDIW	145	>ATM-N1801IPLSEYHDIW	106	39
>ATM-N1801LWIPLSENHD	67	>ATM-N1801LWIPLSEYHD	54	13
>ATM-N1801LWIPLSENHD	334	>ATM-N1801LWIPLSEYHD	152	182
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>ATM-N1801LWIPLSEN	23543	>ATM-N1801LWIPLSEY	123	23420
>ATM-N1801LWIPLSEN	555	>ATM-N1801LWIPLSEY	270	285
>ATM-N1801LWIPLSENH	709	>ATM-N1801LWIPLSEYH	132	577
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>ATM-N1801NLWIPLSEN	19664	>ATM-N1801NLWIPLSEY	39	19625
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>ATM-N1801NLWIPLSEN	11870	>ATM-N1801NLWIPLSEY	42	11828
>ATM-N1801NLWIPLSEN	17680	>ATM-N1801NLWIPLSEY	458	17222
>ATM-N1801NLWIPLSEN	22810	>ATM-N1801NLWIPLSEY	426	22384
>ATM-N1801INLWIPLSEN	28641	>ATM-N1801INLWIPLSEY	301	28340
>ATM-N750kNSLMQCAGE	12610	>ATM-N750kKSLMQCAGE	364	12246
>ATM-N750kNSLMQCAGE	7023	>ATM-N750kKSLMQCAGE	63	6960
>ATM-N750kNSLMQCAGE	3881	>ATM-N750kKSLMQCAGE	306	3575
>ATM-N750kNSLMQCAGE	2656	>ATM-N750kKSLMQCAGE	22	2634
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>ATM-N750kNSLMQCAGE	125	>ATM-N750kKSLMQCAGE	27	98
>ATM-N750kAYKSELFQKA	3970	>ATM-N750kAYKSELFQKA	9	3961
>ATM-N750kAYKSELFQKA	13879	>ATM-N750kAYKSELFQKA	312	13567
>ATM-N750kKANSLMQCA	1860	>ATM-N750kKAKSLMQCA	61	1799
>ATM-N750kKANSLMQCA	3546	>ATM-N750kKAKSLMQCA	164	3382
>ATM-N750kQKANSLMQC	375	>ATM-N750kQKAKSLMQC	518	143
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>ATM-N750kFQKANSLMQ	166	>ATM-N750kFQKAKSLMQ	146	20
>ATM-N750kFQKANSLM	164	>ATM-N750kFQKAKSLM	465	301
>ATM-N750kFQKANSLMQ	143	>ATM-N750kFQKAKSLMQ	229	86
>ATM-N750kFQKANSLM	47	>ATM-N750kFQKAKSLM	69	22
>ATM-N750kFQKANSLMQ	233	>ATM-N750kFQKAKSLMQ	407	174

>ATM-N750k FQKANSMLMQ	228	>ATM-N750k FQKAKSLMQ	327	99
>ATM-N750k FQKANSMLM	69	>ATM-N750k FQKAKSLM	226	157
>ATM-N750k FQKANSML	14	>ATM-N750k FQKAKSLM	45	31
>ATM-N750k FQKANSMLMQ	173	>ATM-N750k FQKAKSLMQ	442	269
>ATM-N750k LFQKANSL	52	>ATM-N750k LFQKAKSL	122	70
>ATM-N750k LFQKANSMLM	52	>ATM-N750k LFQKAKSLM	63	11
>ATM-N750k ELFQKANSL	144	>ATM-N750k ELFQKAKSL	1615	1471
>ATM-N750k ELFQKANSMLM	347	>ATM-N750k ELFQKAKSLM	1079	732
>ATM-N750k ELFQKANSL	172	>ATM-N750k ELFQKAKSL	304	132
>ATM-N750k ELFQKANSL	35	>ATM-N750k ELFQKAKSL	69	34
>ATM-N750k ELFQKANSL	89	>ATM-N750k ELFQKAKSL	907	818
>ATM-N750k ELFQKANSMLM	94	>ATM-N750k ELFQKAKSLM	354	260
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>ATM-N750k ELFQKANSL	54	>ATM-N750k ELFQKAKSL	41	13
>ATM-N750k SELFQKAN	318	>ATM-N750k SELFQKAK	221	97
>ATM-N750k SELFQKANSL	42	>ATM-N750k SELFQKAKSL	27	15
>ATM-N750k SELFQKANSLI	58	>ATM-N750k SELFQKAKSLI	31	27
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>ATM-N750k KSELFQKANS	52	>ATM-N750k KSELFQKAKSI	24	28
>ATM-N750k KSELFQKANS	635	>ATM-N750k KSELFQKAKSI	491	144
>ATM-N750k YKSELFQKAN	1195	>ATM-N750k YKSELFQKAK	126	1069
>ATM-P1054 PYSKWAIL	325	>ATM-P1054 RYSKWAIL	68	257
>ATM-P1054 PYSKWAILNV	979	>ATM-P1054 RYSKWAILNV	149	830
>ATM-P1054 PYSKWAIL	223	>ATM-P1054 RYSKWAIL	11	212
>ATM-P1054 PYSKWAILNV	1114	>ATM-P1054 RYSKWAILNV	29	1085
>ATM-P1054 PYSKWAILNV	442	>ATM-P1054 RYSKWAILNV	15	427
>ATM-P1054 PYSKWAILNV	10976	>ATM-P1054 RYSKWAILNV	218	10758
>ATM-P1054 PYSKWAILNV	11525	>ATM-P1054 RYSKWAILNV	216	11309
>ATM-P1054 PYSKWAILNV	708	>ATM-P1054 RYSKWAILNV	121	587
>ATM-P1054 PYSKWAIL	2593	>ATM-P1054 RYSKWAIL	241	2352
>ATM-P1054 PYSKWAILNV	724	>ATM-P1054 RYSKWAILNV	66	658
>ATM-P1054 PYSKWAILNV	2537	>ATM-P1054 RYSKWAILNV	215	2322
>ATM-P1054 DPYSKWAILN	356	>ATM-P1054 DRYSKWAILN	28238	27882
>ATM-P1054 DPYSKWAILN	218	>ATM-P1054 DRYSKWAILN	8700	8482
>ATM-P1054 DPYSKWAIL	319	>ATM-P1054 DRYSKWAIL	2921	2602

>ATM-P1054 DPYSKWAILN	253	>ATM-P1054 DRYSKWAILN	21535	21282
>ATM-P1054 DPYSKWAI	462	>ATM-P1054 DRYSKWAI	28150	27688
>ATM-P1054 DPYSKWAIL	25610	>ATM-P1054 DRYSKWAIL	347	25263
>ATM-P1054 DPYSKWAIL	35029	>ATM-P1054 DRYSKWAIL	367	34662
>ATM-P1054 NCLKTLLEAD	35454	>ATM-P1054 NCLKTLLEAD	460	34994
>ATM-P1054 ADPYSKWAI	93	>ATM-P1054 ADRYSKWAI	52	41
>ATM-P1054 EADPYSKWA	32	>ATM-P1054 EADRYSKWA	58	26
>ATM-P1054 EADPYSKW	106	>ATM-P1054 EADRYSKW	1446	1340
>ATM-P1054 EADPYSKW	487	>ATM-P1054 EADRYSKW	597	110
>ATM-P1054 EADPYSKW	308	>ATM-P1054 EADRYSKW	396	88
>ATM-P1054 EADPYSKW	227	>ATM-P1054 EADRYSKW	189	38
>ATM-P1054 LEADPYSKW/	1584	>ATM-P1054 LEADRYSKW/	226	1358
>ATM-P1054 LEADPYSKW/	122	>ATM-P1054 LEADRYSKW/	19	103
>ATM-P1054 LEADPYSKW/	208	>ATM-P1054 LEADRYSKW/	212	4
>ATM-P1054 LEADPYSKW/	38	>ATM-P1054 LEADRYSKW/	78	40
>ATM-P1054 LEADPYSKW	83	>ATM-P1054 LEADRYSKW	104	21
>ATM-P1054 LEADPYSKW	181	>ATM-P1054 LEADRYSKW	154	27
>ATM-P1054 LEADPYSKW	315	>ATM-P1054 LEADRYSKW	288	27
>ATM-P1054 LEADPYSKW/	33	>ATM-P1054 LEADRYSKW/	28	5
>ATM-P1054 LEADPYSKW	58	>ATM-P1054 LEADRYSKW	56	2
>ATM-P1054 LLEADPYSKW	284	>ATM-P1054 LLEADRYSKW	517	233
>ATM-P1054 LLEADPYSKW	28	>ATM-P1054 LLEADRYSKW	31	3
>ATM-P1054 LLEADPYSKW	771	>ATM-P1054 LLEADRYSKW	470	301
>ATM-P1054 LLEADPYSKW	185	>ATM-P1054 LLEADRYSKW	151	34
>ATM-P1054 TLLEADPYS	159	>ATM-P1054 TLLEADRY	6036	5877
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>ATM-P1054 TLLEADPYS	74	>ATM-P1054 TLLEADRY	3156	3082
>ATM-P1054 TLLEADPYSK	247	>ATM-P1054 TLLEADRYSK	273	26
>ATM-P1054 TLLEADPYSK	33	>ATM-P1054 TLLEADRYSK	55	22
>ATM-P1054 TLLEADPY	129	>ATM-P1054 TLLEADRY	195	66
>ATM-P1054 TLLEADPY	321	>ATM-P1054 TLLEADRY	1902	1581
>ATM-P1054 TLLEADPY	71	>ATM-P1054 TLLEADRY	178	107
>ATM-P1054 TLLEADPYSK\	240	>ATM-P1054 TLLEADRYSK\	330	90
>ATM-P1054 TLLEADPY	89	>ATM-P1054 TLLEADRY	1217	1128
>ATM-P1054 KTLLEADPYS\	461	>ATM-P1054 KTLLEADRY\	450	11
>ATM-P1054 KTLLEADPYS\	23	>ATM-P1054 KTLLEADRY\	26	3
>ATM-P1054 KTLLEADPY	388	>ATM-P1054 KTLLEADRY	504	116
>ATM-P1054 KTLLEADPYS\	27	>ATM-P1054 KTLLEADRY\	28	1
>ATM-P1054 KTLLEADPY	504	>ATM-P1054 KTLLEADRY	256	248
>ATM-P1054 KTLLEADP	22033	>ATM-P1054 KTLLEADR	138	21895
>ATM-P1054 KTLLEADPYS\	618	>ATM-P1054 KTLLEADRY\	289	329
>ATM-P1054 KTLLEADPY	87	>ATM-P1054 KTLLEADRY	595	508
>ATM-P1054 KTLLEADPYS\	356	>ATM-P1054 KTLLEADRY\	759	403

>ATM-P1054 KTLLEADPY	458	>ATM-P1054 KTLLEADRY	271	187
>ATM-P1054 KTLLEADPY	6	>ATM-P1054 KTLLEADRY	5	1
>ATM-P1054 KTLLEADPY	518	>ATM-P1054 KTLLEADRY	313	205
>ATM-P1054 KTLLEADPY	764	>ATM-P1054 KTLLEADRY	321	443
>ATM-P1054 KTLLEADPY	273	>ATM-P1054 KTLLEADRY	34	239
>ATM-P1054 KTLLEADPYSI	351	>ATM-P1054 KTLLEADRYSI	627	276
>ATM-P1054 KTLLEADP	33131	>ATM-P1054 KTLLEADR	133	32998
>ATM-P1054 LKTLLEADPY	201	>ATM-P1054 LKTLLEADRY	1263	1062
>ATM-P1054 CLKTLLEADP\	636	>ATM-P1054 CLKTLLEADR\	406	230
>ATM-P1054 CLKTLLEADP	34728	>ATM-P1054 CLKTLLEADR	235	34493
>ATM-P1054 CLKTLLEADP\	299	>ATM-P1054 CLKTLLEADR\	1640	1341
>ATM-P1054 CLKTLLEADP\	403	>ATM-P1054 CLKTLLEADR\	126	277
>ATM-P2699 LPKIIDCV	131	>ATM-P2699 LRKIIDCV	26101	25970
>ATM-P2699 LPKIIDCVG	319	>ATM-P2699 LRKIIDCVG	29597	29278
>ATM-P2699 EFRLAGGVNL	20914	>ATM-P2699 EFRLAGGVNL	30	20884
>ATM-P2699 EFRLAGGVNL	37265	>ATM-P2699 EFRLAGGVNL	354	36911
>ATM-P2699 NLPKIIDCV	425	>ATM-P2699 NLRKIIDCV	3574	3149
>ATM-P2699 NLPKIIDCV	23	>ATM-P2699 NLRKIIDCV	94	71
>ATM-P2699 NLPKIIDCV	145	>ATM-P2699 NLRKIIDCV	154	9
>ATM-P2699 NLPKIIDCV	252	>ATM-P2699 NLRKIIDCV	3157	2905
>ATM-P2699 NLPKIIDCV	32	>ATM-P2699 NLRKIIDCV	192	160
>ATM-P2699 NLPKIIDCV	42	>ATM-P2699 NLRKIIDCV	200	158
>ATM-P2699 NLPKIIDCV	18	>ATM-P2699 NLRKIIDCV	125	107
>ATM-P2699 NLPKIIDCV	16	>ATM-P2699 NLRKIIDCV	271	255
>ATM-P2699 NLPKIIDCV	31	>ATM-P2699 NLRKIIDCV	45	14
>ATM-P2699 NLPKIIDCV	84	>ATM-P2699 NLRKIIDCV	2677	2593
>ATM-P2699 LAGGVNLPK	89	>ATM-P2699 LAGGVNLRK	305	216
>ATM-P2699 LAGGVNLP	31837	>ATM-P2699 LAGGVNLR	93	31744
>ATM-P2699 LAGGVNLPKI	247	>ATM-P2699 LAGGVNLRKI	267	20
>ATM-P2699 RLAGGVNLP†	50	>ATM-P2699 RLAGGVNLR†	567	517
>ATM-P2699 RLAGGVNLP	375	>ATM-P2699 RLAGGVNLR	1533	1158
>ATM-P2699 RLAGGVNLP†	21	>ATM-P2699 RLAGGVNLR†	44	23
>ATM-P2699 RLAGGVNLP†	7	>ATM-P2699 RLAGGVNLR†	8	1
>ATM-P2699 RLAGGVNLP†	52	>ATM-P2699 RLAGGVNLR†	481	429
>ATM-P2699 RLAGGVNLP†	7	>ATM-P2699 RLAGGVNLR†	15	8
>ATM-P2699 RLAGGVNLP†	58	>ATM-P2699 RLAGGVNLR†	224	166
>ATM-P2699 RLAGGVNLP†	12	>ATM-P2699 RLAGGVNLR†	88	76
>ATM-P2699 RLAGGVNLP†	14	>ATM-P2699 RLAGGVNLR†	146	132
>ATM-P2699 RLAGGVNLP†	5	>ATM-P2699 RLAGGVNLR†	18	13
>ATM-P2699 RLAGGVNLP	15226	>ATM-P2699 RLAGGVNLR	129	15097
>ATM-P2699 RLAGGVNLP†	12	>ATM-P2699 RLAGGVNLR†	16	4
>ATM-P2699 RLAGGVNLP†	26	>ATM-P2699 RLAGGVNLR†	43	17
>ATM-P2699 RLAGGVNLP†	48	>ATM-P2699 RLAGGVNLR†	261	213

>ATM-P2699 RLAGGVNLP	20877	>ATM-P2699 RLAGGVNLR	61	20816
>ATM-P2699 RLAGGVNLP†	142	>ATM-P2699 RLAGGVNLR†	117	25
>ATM-P2699 RLAGGVNLP	38247	>ATM-P2699 RLAGGVNLR	483	37764
>ATM-P2699 RLAGGVNLP†	290	>ATM-P2699 RLAGGVNLR†	745	455
>ATM-P2699 RLAGGVNLP†	131	>ATM-P2699 RLAGGVNLR†	199	68
>ATM-P2699 RLAGGVNLP	35133	>ATM-P2699 RLAGGVNLR	243	34890
>ATM-P2699 FRLAGGVNLF	8699	>ATM-P2699 FRLAGGVNLF	154	8545
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>ATM-P2842 PAIWFEKRL	198	>ATM-P2842 RAIWFEKRL	116	82
>ATM-P2842 PAIWFEKRLA	289	>ATM-P2842 RAIWFEKRLA	241	48
>ATM-P2842 PAIWFEKRLA	1009	>ATM-P2842 RAIWFEKRLA	127	882
>ATM-P2842 PAIWFEKR	2671	>ATM-P2842 RAIWFEKR	15	2656
>ATM-P2842 PAIWFEKR	309	>ATM-P2842 RAIWFEKR	56	253
>ATM-P2842 PAIWFEKRLA	9404	>ATM-P2842 RAIWFEKRLA	364	9040
>ATM-P2842 PAIWFEKRLA	2905	>ATM-P2842 RAIWFEKRLA	120	2785
>ATM-P2842 PAIWFEKRL	7411	>ATM-P2842 RAIWFEKRL	13	7398
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>ATM-P2842 PAIWFEKRLA	17068	>ATM-P2842 RAIWFEKRLA	107	16961
>ATM-P2842 PAIWFEKR	359	>ATM-P2842 RAIWFEKR	51	308
>ATM-P2842 DPAIWFEKR	361	>ATM-P2842 DRAIWFEKR	1857	1496
>ATM-P2842 DPAIWFEK	390	>ATM-P2842 DRAIWFEK	1357	967
>ATM-P2842 DPAIWFEKR	386	>ATM-P2842 DRAIWFEKR	1220	834
>ATM-P2842 DPAIWFEKRL	205	>ATM-P2842 DRAIWFEKRL	27128	26923
>ATM-P2842 RYFCMEKFLD	1179	>ATM-P2842 RYFCMEKFLD	494	685
>ATM-P2842 RYFCMEKFLD	14623	>ATM-P2842 RYFCMEKFLD	27	14596
>ATM-P2842 RYFCMEKFLD	34961	>ATM-P2842 RYFCMEKFLD	492	34469
>ATM-P2842 RYFCMEKFLD	4125	>ATM-P2842 RYFCMEKFLD	10	4115
>ATM-P2842 LDPAIWFEK	13751	>ATM-P2842 LDRAIWFEK	197	13554
>ATM-P2842 FLDPAIWF	301	>ATM-P2842 FLDRAIWF	810	509
>ATM-P2842 FLDPAIWF	168	>ATM-P2842 FLDRAIWFE	729	561
>ATM-P2842 FLDPAIWF	132	>ATM-P2842 FLDRAIWF	306	174
>ATM-P2842 FLDPAIWF	30	>ATM-P2842 FLDRAIWFE	172	142
>ATM-P2842 FLDPAIWF	66	>ATM-P2842 FLDRAIWF	260	194
>ATM-P2842 FLDPAIWF	63	>ATM-P2842 FLDRAIWFE	418	355
>ATM-P2842 FLDPAIWF	28	>ATM-P2842 FLDRAIWF	67	39
>ATM-P2842 FLDPAIWF	17	>ATM-P2842 FLDRAIWFE	37	20
>ATM-P2842 FLDPAIWFEK	27	>ATM-P2842 FLDRAIWFEK	55	28
>ATM-P2842 FLDPAIWFEK	198	>ATM-P2842 FLDRAIWFEK	365	167
>ATM-P2842 FLDPAIWFE	129	>ATM-P2842 FLDRAIWFE	194	65
>ATM-P2842 FLDPAIWF	365	>ATM-P2842 FLDRAIWF	1063	698
>ATM-P2842 FLDPAIWFE	30	>ATM-P2842 FLDRAIWFE	100	70
>ATM-P2842 FLDPAIWFEK	54	>ATM-P2842 FLDRAIWFEK	160	106

>ATM-P2842 FLDPAIWF	44	>ATM-P2842 FLDRAIWF	102	58
>ATM-P2842 FLDPAIWFE	11	>ATM-P2842 FLDRAIWFE	40	29
>ATM-P2842 FLDPAIWFEK	14	>ATM-P2842 FLDRAIWFEK	34	20
>ATM-P2842 FLDPAIWFEK	133	>ATM-P2842 FLDRAIWFEK	395	262
>ATM-P2842 FLDPAIWFEK	161	>ATM-P2842 FLDRAIWFEK	233	72
>ATM-P2842 FLDPAIWFEK	55	>ATM-P2842 FLDRAIWFEK	100	45
>ATM-P2842 FLDPAIWFEK	146	>ATM-P2842 FLDRAIWFEK	500	354
>ATM-P2842 FLDPAIWFEK	300	>ATM-P2842 FLDRAIWFEK	324	24
>ATM-P2842 KFLDPAIWFE	97	>ATM-P2842 KFLDRAIWFE	122	25
>ATM-P2842 KFLDPAIWF	926	>ATM-P2842 KFLDRAIWF	365	561
>ATM-P2842 KFLDPAIWF	18	>ATM-P2842 KFLDRAIWF	18	0
>ATM-P2842 KFLDPAIWFE	23	>ATM-P2842 KFLDRAIWFE	14	9
>ATM-P2842 KFLDPAIWFE	39	>ATM-P2842 KFLDRAIWFE	20	19
>ATM-P2842 KFLDPAIW	62	>ATM-P2842 KFLDRAIW	130	68
>ATM-P2842 KFLDPAIWF	459	>ATM-P2842 KFLDRAIWF	1502	1043
>ATM-P2842 KFLDPAIWFE	539	>ATM-P2842 KFLDRAIWFE	377	162
>ATM-P2842 KFLDPAIWFE	40	>ATM-P2842 KFLDRAIWFE	29	11
>ATM-P2842 EKFLDPAI	336	>ATM-P2842 EKFLDRAI	498	162
>ATM-P2842 EKFLDPAIWF	32	>ATM-P2842 EKFLDRAIWF	48	16
>ATM-P2842 EKFLDPAIW	468	>ATM-P2842 EKFLDRAIW	421	47
>ATM-P2842 MEKFLDPAI	254	>ATM-P2842 MEKFLDRAI	122	132
>ATM-P2842 MEKFLDPAI	378	>ATM-P2842 MEKFLDRAI	462	84
>ATM-P2842 MEKFLDPAIM	38	>ATM-P2842 MEKFLDRAIV	38	0
>ATM-P2842 MEKFLDPAI	83	>ATM-P2842 MEKFLDRAI	183	100
>ATM-P2842 MEKFLDPAIM	271	>ATM-P2842 MEKFLDRAIV	542	271
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>ATM-P2842 MEKFLDPAI	54	>ATM-P2842 MEKFLDRAI	107	53
>ATM-P2842 MEKFLDPAIM	28	>ATM-P2842 MEKFLDRAIV	36	8
>ATM-P2842 MEKFLDPAIM	340	>ATM-P2842 MEKFLDRAIV	408	68
>ATM-P2842 MEKFLDPAIM	115	>ATM-P2842 MEKFLDRAIV	144	29
>ATM-P2842 MEKFLDPAIM	60	>ATM-P2842 MEKFLDRAIV	58	2
>ATM-P2842 MEKFLDPA	14	>ATM-P2842 MEKFLDRA	33	19
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>ATM-P2842 MEKFLDPAIM	377	>ATM-P2842 MEKFLDRAIV	697	320
>ATM-P2842 MEKFLDPAI	16	>ATM-P2842 MEKFLDRAI	135	119
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>ATM-P2842 CMEKFLDPA	261	>ATM-P2842 CMEKFLDRA	696	435
>ATM-P2842 CMEKFLDPAI	475	>ATM-P2842 CMEKFLDRAI	2241	1766
>ATM-P2842 CMEKFLDPAI	62	>ATM-P2842 CMEKFLDRAI	63	1
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>ATM-P2842 FCMEKFLDPA	206	>ATM-P2842 FCMEKFLDR	1621	1415
>ATM-P2842 FCMEKFLDPA	195	>ATM-P2842 FCMEKFLDR	678	483
>ATM-P2842 FCMEKFLDPA	350	>ATM-P2842 FCMEKFLDR	712	362

>ATM-P2842 FCMEKFLDPA	409	>ATM-P2842 FCMEKFLDRA	1246	837
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>ATM-P2842 FCMEKFLDPA	265	>ATM-P2842 FCMEKFLDRA	213	52
>ATM-P2842 FCMEKFLDP	33394	>ATM-P2842 FCMEKFLDR	164	33230
>ATM-P2842 YFCMEKFLDP	26267	>ATM-P2842 YFCMEKFLDR	52	26215
>ATM-P2842 YFCMEKFLDP	18346	>ATM-P2842 YFCMEKFLDR	52	18294
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>ATM-P604S PHLVLEKIL	10542	>ATM-P604S SHLVLEKIL	374	10168
>ATM-P604S FPHLVLEKILV	4155	>ATM-P604S FSHLVLEKILV	390	3765
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>ATM-P604S FPHLVLEK	1887	>ATM-P604S FSHLVLEK	90	1797
>ATM-P604S FPHLVLEKI	5241	>ATM-P604S FSHLVLEKI	170	5071
>ATM-P604S FPHLVLEKILV	2929	>ATM-P604S FSHLVLEKILV	154	2775
>ATM-P604S FPHLVLEKIL	171	>ATM-P604S FSHLVLEKIL	21450	21279
>ATM-P604S FPHLVLEKIL	86	>ATM-P604S FSHLVLEKIL	19832	19746
>ATM-P604S FPHLVLEKI	202	>ATM-P604S FSHLVLEKI	16883	16681
>ATM-P604S FPHLVLEKILV	463	>ATM-P604S FSHLVLEKILV	17815	17352
>ATM-P604S FPHLVLEKI	88	>ATM-P604S FSHLVLEKI	12761	12673
>ATM-P604S FPHLVLEKIL	358	>ATM-P604S FSHLVLEKIL	14904	14546
>ATM-P604S FPHLVLEKILV	344	>ATM-P604S FSHLVLEKILV	22756	22412
>ATM-P604S FPHLVLEK	422	>ATM-P604S FSHLVLEK	23402	22980
>ATM-P604S FPHLVLEKI	106	>ATM-P604S FSHLVLEKI	22507	22401
>ATM-P604S FPHLVLEKIL	185	>ATM-P604S FSHLVLEKIL	20879	20694
>ATM-P604S FPHLVLEKILV	12	>ATM-P604S FSHLVLEKILV	5236	5224
>ATM-P604S FPHLVLEKI	2459	>ATM-P604S FSHLVLEKI	45	2414
>ATM-P604S EVPPILHSNFF	600	>ATM-P604S EVPPILHSNFS	31	569
>ATM-P604S NFPHLVLEKI	48	>ATM-P604S NFSHLVLEKI	294	246
>ATM-P604S NFPHLVLEKIL	239	>ATM-P604S NFSHLVLEKIL	1237	998
>ATM-P604S SNFPHLV	217	>ATM-P604S SNFSHLV	62	155
>ATM-P604S SNFPHLVLEK	634	>ATM-P604S SNFSHLVLEK	452	182
>ATM-P604S SNFPHLVLEK	451	>ATM-P604S SNFSHLVLEK	789	338
>ATM-P604S SNFPHLV	713	>ATM-P604S SNFSHLV	335	378
>ATM-P604S SNFPHLV	752	>ATM-P604S SNFSHLV	388	364
>ATM-P604S SNFPHLVLEKI	574	>ATM-P604S SNFSHLVLEKI	264	310
>ATM-P604S SNFPHLVLEK	97	>ATM-P604S SNFSHLVLEK	125	28
>ATM-P604S SNFPHLV	337	>ATM-P604S SNFSHLV	1009	672
>ATM-P604S SNFPHLVLEKI	31	>ATM-P604S SNFSHLVLEKI	91	60
>ATM-P604S HSNFPHLVLE	72	>ATM-P604S HSNFSHLVLE	67	5
>ATM-P604S HSNFPHLVLE	18	>ATM-P604S HSNFSHLVLE	14	4
>ATM-P604S HSNFPHLV	329	>ATM-P604S HSNFSHLV	97	232
>ATM-P604S HSNFPHLV	234	>ATM-P604S HSNFSHLV	60	174

>ATM-P604S HSNFPHLVLE	11	>ATM-P604S HSNFSHLVLE	8	3
>ATM-P604S HSNFPHLVLE	427	>ATM-P604S HSNFSHLVLE	304	123
>ATM-P604S HSNFPHLVLE	135	>ATM-P604S HSNFSHLVLE	62	73
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>ATM-P604S HSNFPHLV	108	>ATM-P604S HSNFSHLV	166	58
>ATM-P604S HSNFPHLVL	951	>ATM-P604S HSNFSHLVL	292	659
>ATM-P604S HSNFPHLVL	16	>ATM-P604S HSNFSHLVL	6	10
>ATM-P604S HSNFPHLVL	1007	>ATM-P604S HSNFSHLVL	247	760
>ATM-P604S HSNFPHLVL	254	>ATM-P604S HSNFSHLVL	499	245
>ATM-P604S LHSNFPHL	776	>ATM-P604S LHSNFSHL	487	289
>ATM-P604S LHSNFPHLV	810	>ATM-P604S LHSNFSHLV	242	568
>ATM-P604S LHSNFPHL	273	>ATM-P604S LHSNFSHL	140	133
>ATM-P604S LHSNFPHLVL	157	>ATM-P604S LHSNFSHLVL	109	48
>ATM-P604S LHSNFPHLVL	45	>ATM-P604S LHSNFSHLVL	28	17
>ATM-P604S LHSNFPHLV	855	>ATM-P604S LHSNFSHLV	456	399
>ATM-P604S ILHSNFPHL	90	>ATM-P604S ILHSNFSHL	122	32
>ATM-P604S ILHSNFPHL	186	>ATM-P604S ILHSNFSHL	1544	1358
>ATM-P604S ILHSNFPHL	63	>ATM-P604S ILHSNFSHL	418	355
>ATM-P604S ILHSNFPHLV	57	>ATM-P604S ILHSNFSHLV	101	44
>ATM-P604S ILHSNFPHLVL	474	>ATM-P604S ILHSNFSHLVL	775	301
>ATM-P604S ILHSNFPHL	42	>ATM-P604S ILHSNFSHL	21	21
>ATM-P604S ILHSNFPHLV	16	>ATM-P604S ILHSNFSHLV	18	2
>ATM-P604S ILHSNFPHLVL	233	>ATM-P604S ILHSNFSHLVL	124	109
>ATM-P604S ILHSNFPHL	45	>ATM-P604S ILHSNFSHL	12	33
>ATM-P604S ILHSNFPHLV	12	>ATM-P604S ILHSNFSHLV	17	5
>ATM-P604S ILHSNFPHLVL	200	>ATM-P604S ILHSNFSHLVL	82	118
>ATM-P604S ILHSNFPHL	30	>ATM-P604S ILHSNFSHL	158	128
>ATM-P604S ILHSNFPHLV	327	>ATM-P604S ILHSNFSHLV	309	18
>ATM-P604S ILHSNFPHL	8	>ATM-P604S ILHSNFSHL	12	4
>ATM-P604S ILHSNFPHLV	2	>ATM-P604S ILHSNFSHLV	2	0
>ATM-P604S ILHSNFPHLVL	14	>ATM-P604S ILHSNFSHLVL	22	8
>ATM-P604S ILHSNFPHL	24	>ATM-P604S ILHSNFSHL	21	3
>ATM-P604S ILHSNFPHLV	5	>ATM-P604S ILHSNFSHLV	4	1
>ATM-P604S ILHSNFPHLVL	171	>ATM-P604S ILHSNFSHLVL	155	16
>ATM-P604S ILHSNFPHL	21	>ATM-P604S ILHSNFSHL	180	159
>ATM-P604S ILHSNFPHLV	7	>ATM-P604S ILHSNFSHLV	10	3
>ATM-P604S ILHSNFPHLVL	358	>ATM-P604S ILHSNFSHLVL	652	294
>ATM-P604S ILHSNFPHL	142	>ATM-P604S ILHSNFSHL	890	748
>ATM-P604S ILHSNFPHLV	7	>ATM-P604S ILHSNFSHLV	9	2
>ATM-P604S ILHSNFPHL	4	>ATM-P604S ILHSNFSHL	4	0
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>ATM-P604S ILHSNFPHLVL	9	>ATM-P604S ILHSNFSHLVL	7	2
>ATM-P604S ILHSNFPHL	366	>ATM-P604S ILHSNFSHL	150	216



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>ATM-P604S ILHSNFPHLVL	282	>ATM-P604S ILHSNFSHLVL	175	107
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>ATM-P604S PILHSNFPHL\	80	>ATM-P604S PILHSNFSHL\	119	39
>ATM-P604S PILHSNFPHL\	118	>ATM-P604S PILHSNFSHL\	110	8
>ATM-P604S PILHSNFPHL\	175	>ATM-P604S PILHSNFSHL\	127	48
>ATM-P604S PILHSNFPHL\	71	>ATM-P604S PILHSNFSHL\	48	23
>ATM-P604S PILHSNFPHL\	172	>ATM-P604S PILHSNFSHL\	143	29
>ATM-P604S PPILHSNFPHI	177	>ATM-P604S PPILHSNFSHI	427	250
>ATM-Q112&QEGMREMS\	1408	>ATM-Q112&REGMREMS\	197	1211
>ATM-Q112&QEGMREMS\	34	>ATM-Q112&REGMREMS\	44	10
>ATM-Q112&TAFENAYLKA	15031	>ATM-Q112&TAFENAYLKA	61	14970
>ATM-Q112&TAFENAYLKA	21296	>ATM-Q112&TAFENAYLKA	252	21044
>ATM-Q112&TAFENAYLKA	951	>ATM-Q112&TAFENAYLKA	7	944
>ATM-Q112&TAFENAYLKA	16855	>ATM-Q112&TAFENAYLKA	326	16529
>ATM-Q112&KAQEGMREN	6271	>ATM-Q112&KAREGMREN	20	6251
>ATM-Q112&KAQEGMREN	11599	>ATM-Q112&KAREGMREN	294	11305
>ATM-Q112&KAQEGMREN	9155	>ATM-Q112&KAREGMREN	87	9068
>ATM-Q112&KAQEGMREN	1175	>ATM-Q112&KAREGMREN	33	1142
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>ATM-Q112&KAQEGMREN	2253	>ATM-Q112&KAREGMREN	447	1806
>ATM-Q112&LKAQEGMRE	57	>ATM-Q112&LKAREGMREI	35	22
>ATM-Q112&YLKAQEGM	99	>ATM-Q112&YLKAREGM	246	147
>ATM-Q112&YLKAQEGMR	402	>ATM-Q112&YLKAREGMRI	537	135
>ATM-Q112&YLKAQEGM	119	>ATM-Q112&YLKAREGM	162	43
>ATM-Q112&YLKAQEGMR	96	>ATM-Q112&YLKAREGMRI	77	19
>ATM-Q112&YLKAQEGM	471	>ATM-Q112&YLKAREGM	1240	769
>ATM-Q112&YLKAQEGM	31	>ATM-Q112&YLKAREGM	44	13
>ATM-Q112&YLKAQEGMR	95	>ATM-Q112&YLKAREGMRI	109	14
>ATM-Q112&YLKAQEGMR	931	>ATM-Q112&YLKAREGMRI	333	598
>ATM-Q112&YLKAQEGMR	836	>ATM-Q112&YLKAREGMRI	154	682
>ATM-Q112&YLKAQEGMR	379	>ATM-Q112&YLKAREGMRI	264	115
>ATM-Q112&YLKAQEGM	1734	>ATM-Q112&YLKAREGM	157	1577
>ATM-Q112&YLKAQEGMR	1313	>ATM-Q112&YLKAREGMRI	189	1124
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>ATM-Q112&YLKAQEGM	188	>ATM-Q112&YLKAREGM	210	22
>ATM-Q112&YLKAQEGMR	136	>ATM-Q112&YLKAREGMRI	133	3

>ATM-Q112&AYLKAQEGM	375	>ATM-Q112&AYLKAREGM	145	230
>ATM-Q112&AYLKAQEG	444	>ATM-Q112&AYLKAREG	789	345
>ATM-Q112&AYLKAQEGM	43	>ATM-Q112&AYLKAREGM	51	8
>ATM-Q112&AYLKAQEGM	414	>ATM-Q112&AYLKAREGMI	551	137
>ATM-Q112&AYLKAQEGM	977	>ATM-Q112&AYLKAREGMI	275	702
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>ATM-Q112&NAYLKAQEGI	258	>ATM-Q112&NAYLKAREGM	175	83
>ATM-Q112&NAYLKAQEGI	47	>ATM-Q112&NAYLKAREGM	58	11
>ATM-Q112&ENAYLKAQ	8714	>ATM-Q112&ENAYLKAR	38	8676
>ATM-Q112&FENAYLKAQ	316	>ATM-Q112&FENAYLKAR	686	370
>ATM-Q112&AFENAYLKAC	24438	>ATM-Q112&AFENAYLKAR	234	24204
>ATM-Q2442QRELELDEL	380	>ATM-Q2442PRELELDEL	3812	3432
>ATM-Q2442QRELELDELA	223	>ATM-Q2442PRELELDELAL	2248	2025
>ATM-Q2442VQRELELDEL	406	>ATM-Q2442VPRELELDEL	11423	11017
>ATM-Q2442KVQRELELDE	475	>ATM-Q2442KVPRELELDEI	174	301
>ATM-Q2442VKVQRELEL	272	>ATM-Q2442VKVPRELEL	155	117
>ATM-Q2442YTVKVQREL	515	>ATM-Q2442YTVKVPREL	141	374
>ATM-Q2442YTVKVQRELE	592	>ATM-Q2442YTVKVPRELEI	302	290
>ATM-Q2442YTVKVQREL	276	>ATM-Q2442YTVKVPREL	488	212
>ATM-Q2442YTVKVQREL	113	>ATM-Q2442YTVKVPREL	193	80
>ATM-Q2442YTVKVQRELE	409	>ATM-Q2442YTVKVPRELEI	417	8
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>ATM-Q2442YTVKVQRELE	22	>ATM-Q2442YTVKVPRELEI	17	5
>ATM-Q2442YTVKVQREL	81	>ATM-Q2442YTVKVPREL	103	22
>ATM-Q2442YTVKVQRELE	118	>ATM-Q2442YTVKVPRELEI	131	13
>ATM-Q2442YTVKVQREL	172	>ATM-Q2442YTVKVPREL	9628	9456
>ATM-Q2442RYTVKVQREL	300	>ATM-Q2442RYTVKVPREL	1401	1101
>ATM-Q2442RYTVKVQREL	10	>ATM-Q2442RYTVKVPREL	13	3
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>ATM-Q2442RYTVKVQR	28	>ATM-Q2442RYTVKVPR	17	11
>ATM-Q2442NRYTVKVQR	258	>ATM-Q2442NRYTVKVPR	432	174
>ATM-Q2442NRYTVKVQR	196	>ATM-Q2442NRYTVKVPR	117	79
>ATM-Q2442NRYTVKVQRI	209	>ATM-Q2442NRYTVKVPRE	235	26
>ATM-Q2442NRYTVKVQRI	125	>ATM-Q2442NRYTVKVPRE	62	63
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>ATM-Q2442NRYTVKVQRI	397	>ATM-Q2442NRYTVKVPRE	160	237
>ATM-Q2442NRYTVKVQRI	419	>ATM-Q2442NRYTVKVPRE	687	268
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>ATM-Q2442NRYTVKVQRI	25	>ATM-Q2442NRYTVKVPRE	19	6
>ATM-Q2442NRYTVKVQR	321	>ATM-Q2442NRYTVKVPR	60	261
>ATM-Q2442TNRYTVKVQF	1040	>ATM-Q2442TNRYTVKVPR	492	548
>ATM-Q2442TNRYTVKVQF	1285	>ATM-Q2442TNRYTVKVPR	384	901

>ATM-Q2442 QTNRYTVKVF	297	>ATM-Q2442 QTNRYTVKVF	168	129
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>ATM-Q2442 QTNRYTVKVF	473	>ATM-Q2442 QTNRYTVKVF	173	300
>ATM-Q2442 QTNRYTVKVF	12	>ATM-Q2442 QTNRYTVKVF	15	3
>ATM-Q2442 QTNRYTVKVF	734	>ATM-Q2442 QTNRYTVKVF	166	568
>ATM-Q747F QKANSMLMQC	375	>ATM-Q747F HKANSMLMQC	338	37
>ATM-Q747F FQKANSML	389	>ATM-Q747F FHKANSML	16108	15719
>ATM-Q747F FQKANSMLQ	166	>ATM-Q747F FHKANSMLQ	12919	12753
>ATM-Q747F FQKANSML	164	>ATM-Q747F FHKANSML	22853	22689
>ATM-Q747F FQKANSMLQ	143	>ATM-Q747F FHKANSMLQ	22848	22705
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>ATM-Q747F FQKANSMLQ	233	>ATM-Q747F FHKANSMLQ	21960	21727
>ATM-Q747F FQKANSMLQ	228	>ATM-Q747F FHKANSMLQ	20320	20092
>ATM-Q747F FQKANSML	69	>ATM-Q747F FHKANSML	2391	2322
>ATM-Q747F FQKANSML	14	>ATM-Q747F FHKANSML	235	221
>ATM-Q747F FQKANSMLQ	173	>ATM-Q747F FHKANSMLQ	2926	2753
>ATM-Q747F LFQKANSL	52	>ATM-Q747F LFHKANSL	66	14
>ATM-Q747F LFQKANSML	8157	>ATM-Q747F LFHKANSML	495	7662
>ATM-Q747F LFQKANSML	52	>ATM-Q747F LFHKANSML	72	20
>ATM-Q747F ELFQKANSL	144	>ATM-Q747F ELFHKANSL	110	34
>ATM-Q747F ELFQKANSML	347	>ATM-Q747F ELFHKANSML	833	486
>ATM-Q747F ELFQKANSL	172	>ATM-Q747F ELFHKANSL	339	167
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>ATM-Q747F ELFQKANSL	35	>ATM-Q747F ELFHKANSL	93	58
>ATM-Q747F ELFQKANSL	89	>ATM-Q747F ELFHKANSL	815	726
>ATM-Q747F ELFQKANSML	94	>ATM-Q747F ELFHKANSML	588	494
>ATM-Q747F ELFQKANSL	365	>ATM-Q747F ELFHKANSL	282	83
>ATM-Q747F ELFQKANSL	599	>ATM-Q747F ELFHKANSL	175	424
>ATM-Q747F ELFQKANSL	54	>ATM-Q747F ELFHKANSL	79	25
>ATM-Q747F SELFQKAN	318	>ATM-Q747F SELFHKAN	301	17
>ATM-Q747F SELFQKANSL	42	>ATM-Q747F SELFHKANSL	67	25
>ATM-Q747F SELFQKANSLI	58	>ATM-Q747F SELFHKANSLI	88	30
>ATM-Q747F SELFQKANSL	260	>ATM-Q747F SELFHKANSL	274	14
>ATM-Q747F SELFQKANSLI	745	>ATM-Q747F SELFHKANSLI	485	260
>ATM-Q747F SELFQKANSL	336	>ATM-Q747F SELFHKANSL	388	52
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>ATM-Q747F SELFQKANSL	374	>ATM-Q747F SELFHKANSL	432	58
>ATM-Q747F SELFQKANSLI	318	>ATM-Q747F SELFHKANSLI	395	77
>ATM-Q747F SELFQKANSL	108	>ATM-Q747F SELFHKANSL	45	63
>ATM-Q747F SELFQKANSLI	244	>ATM-Q747F SELFHKANSLI	109	135
>ATM-Q747F KSELFQKANS	433	>ATM-Q747F KSELFHKANS	314	119
>ATM-Q747F KSELFQKANS	52	>ATM-Q747F KSELFHKANS	31	21
>ATM-Q747F KSELFQKANS	701	>ATM-Q747F KSELFHKANS	459	242

>ATM-Q747F YKSELFQKA	283	>ATM-Q747F YKSELFHKA	760	477
>ATM-Q747F AYKSELFQK	457	>ATM-Q747F AYKSELFHK	750	293
>ATM-Q747F AYKSELFQ	309	>ATM-Q747F AYKSELFH	1064	755
>ATM-Q747F AYKSELFQK	10	>ATM-Q747F AYKSELFHK	7	3
>ATM-Q747F AYKSELFQKA	176	>ATM-Q747F AYKSELFHKA	163	13
>ATM-Q747F AYKSELFQK	60	>ATM-Q747F AYKSELFHK	30	30
>ATM-Q747F AYKSELFQK	295	>ATM-Q747F AYKSELFHK	291	4
>ATM-Q747F EAYKSELFQK	173	>ATM-Q747F EAYKSELFHK	123	50
>ATM-Q747F EAYKSELFQ	107	>ATM-Q747F EAYKSELFH	184	77
>ATM-Q747F EAYKSELFQK	18	>ATM-Q747F EAYKSELFHK	21	3
>ATM-Q747F EAYKSELFQK	1166	>ATM-Q747F EAYKSELFHK	357	809
>ATM-Q747F EAYKSELFQK	560	>ATM-Q747F EAYKSELFHK	172	388
>ATM-Q747F EEAYKSELFQI	195	>ATM-Q747F EEAYKSELFHI	261	66
>ATM-R1086 RMLAAESINR	1095	>ATM-R1086 LMLAAESINR	445	650
>ATM-R1086 RMLAAESI	56	>ATM-R1086 LMLAAESI	43	13
>ATM-R1086 RMLAAESINR	54	>ATM-R1086 LMLAAESINR	43	11
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>ATM-R1086 RMLAAESI	16	>ATM-R1086 LMLAAESI	15	1
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>ATM-R1086 RMLAAESINR	16	>ATM-R1086 LMLAAESINR	17	1
>ATM-R1086 RMLAAESI	21	>ATM-R1086 LMLAAESI	8	13
>ATM-R1086 RMLAAESINR	30	>ATM-R1086 LMLAAESINR	10	20
>ATM-R1086 RMLAAESI	47	>ATM-R1086 LMLAAESI	11	36
>ATM-R1086 RMLAAESINR	10	>ATM-R1086 LMLAAESINR	4	6
>ATM-R1086 RMLAAESINR	101	>ATM-R1086 LMLAAESINR	385	284
>ATM-R1086 RMLAAESINR	106	>ATM-R1086 LMLAAESINR	203	97
>ATM-R1086 RMLAAESINR	464	>ATM-R1086 LMLAAESINR	6378	5914
>ATM-R1086 RMLAAESINR	22	>ATM-R1086 LMLAAESINR	88	66
>ATM-R1086 RMLAAESI	22	>ATM-R1086 LMLAAESI	611	589
>ATM-R1086 RMLAAESINR	440	>ATM-R1086 LMLAAESINR	10608	10168
>ATM-R1086 RMLAAESINR	222	>ATM-R1086 LMLAAESINR	82	140
>ATM-R1086 RMLAAESI	42	>ATM-R1086 LMLAAESI	69	27
>ATM-R1086 RMLAAESINR	183	>ATM-R1086 LMLAAESINR	480	297
>ATM-R1086 RMLAAESINR	49	>ATM-R1086 LMLAAESINR	95	46
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>ATM-R1086 RMLAAESI	297	>ATM-R1086 LMLAAESI	3764	3467
>ATM-R1086 RMLAAESINR	178	>ATM-R1086 LMLAAESINR	1737	1559
>ATM-R1086 RMLAAESI	294	>ATM-R1086 LMLAAESI	2103	1809
>ATM-R1086 RMLAAESINR	123	>ATM-R1086 LMLAAESINR	1374	1251
>ATM-R1086 RMLAAESINR	24	>ATM-R1086 LMLAAESINR	124	100
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>ATM-R1086 VRMLAAESI	246	>ATM-R1086 VLMLAAESI	1585	1339
>ATM-R1086 VRMLAAESI	22641	>ATM-R1086 VLMLAAESI	116	22525
>ATM-R1086 VRMLAAESI	14013	>ATM-R1086 VLMLAAESI	37	13976
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>ATM-R1086 VRMLAAESI	115	>ATM-R1086 VLMLAAESI	19018	18903
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>ATM-R1086 QFLADNHHQ	7564	>ATM-R1086 QFLADNHHQ	94	7470
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>ATM-R1086 QFLADNHHQ	476	>ATM-R1086 QFLADNHHQ	29040	28564
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>ATM-R1086 QVRMLAAES	126	>ATM-R1086 QVLMLAAESI	5990	5864
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>ATM-R1086 HQVRMLAAE	133	>ATM-R1086 HQVLMMLAAE	110	23
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>ATM-R1086 HQVRMLAAE	31	>ATM-R1086 HQVLMMLAAE	30	1
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>ATM-R1086 HQVRMLAAE	548	>ATM-R1086 HQVLMMLAAE	432	116
>ATM-R1086 HQVRMLAAE	323	>ATM-R1086 HQVLMMLAAE	200	123
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>ATM-R1086 LADNHHQVR	406	>ATM-R1086 LADNHHQVL	19453	19047
>ATM-R1086 LADNHHQVR	1309	>ATM-R1086 LADNHHQVL	475	834
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>ATM-R2263 RTFKNTQLPE	216	>ATM-R2263 STFKNTQLPE	1335	1119
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>ATM-R2263 RTFKNTQL	114	>ATM-R2263 STFKNTQL	1712	1598
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>ATM-R2263 RTFKNTQLPE	201	>ATM-R2263 STFKNTQLPE	2153	1952
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>ATM-R2263 RTFKNTQLPE	137	>ATM-R2263 STFKNTQLPE	1369	1232
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>ATM-R2263 RTFKNTQLPE	406	>ATM-R2263 STFKNTQLPE	4994	4588
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>ATM-R2263 KHLVELSILAR	180	>ATM-R2263 KHLVELSILAS	25671	25491
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>ATM-R2263 ILARTFKNT	589	>ATM-R2263 ILASTFKNT	479	110
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>ATM-R2263 ELSILARTFK	39	>ATM-R2263 ELSILASTFK	26	13
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>ATM-R2263 VELSILARTF	239	>ATM-R2263 VELSILASTF	185	54
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>ATM-R2263 LVELSILARTF	57	>ATM-R2263 LVELSILASTF	28	29
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>ATM-R2263 LVELSILARTF	372	>ATM-R2263 LVELSILASTF	45	327
>ATM-R2263 HVELSILART	849	>ATM-R2263 HVELSILAST	448	401
>ATM-R2263 HVELSILART	113	>ATM-R2263 HVELSILAST	67	46
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>ATM-R23Q- RKKEVEKFKR	183	>ATM-R23Q- QKKEVEKFKR	1118	935
>ATM-R23Q- RKKEVEKF	6	>ATM-R23Q- QKKEVEKF	22	16
>ATM-R23Q- RKKEVEKFKR	116	>ATM-R23Q- QKKEVEKFKR	670	554
>ATM-R23Q- ERKKEVEKFKI	1352	>ATM-R23Q- EQKKEVEKFK	409	943
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>ATM-R23Q- ERKKEVEKF	310	>ATM-R23Q- EQKKEVEKF	43	267
>ATM-R23Q- RQLEHDRATE	3651	>ATM-R23Q- RQLEHDRATE	490	3161
>ATM-R23Q- RQLEHDRATE	20	>ATM-R23Q- RQLEHDRATE	9857	9837
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>ATM-R23Q- RQLEHDRATE	483	>ATM-R23Q- RQLEHDRATE	5176	4693
>ATM-R23Q- RQLEHDRATE	137	>ATM-R23Q- RQLEHDRATE	14146	14009
>ATM-R23Q- TERKKEVEKF	293	>ATM-R23Q- TEQKKEVEKF	254	39
>ATM-R23Q- ATERKKEVEK	343	>ATM-R23Q- ATEQKKEVEK	192	151



>ATM-R23Q- ATERKKEVEK	55	>ATM-R23Q- ATEQKKEVEK	19	36
>ATM-R23Q- ATERKKEVEK	225	>ATM-R23Q- ATEQKKEVEK	184	41
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>ATM-R23Q- RATERKKEVE	330	>ATM-R23Q- RATEQKKEVE	333	3
>ATM-R23Q- HDRATERK	465	>ATM-R23Q- HDRATEQK	356	109
>ATM-R23Q- HDRATERKK	249	>ATM-R23Q- HDRATEQKK	196	53
>ATM-R23Q- HDRATERKKE	517	>ATM-R23Q- HDRATEQKKI	353	164
>ATM-R2443 RELELDEL	886	>ATM-R2443 QELELDEL	256	630
>ATM-R2443 RELELDEL	9	>ATM-R2443 QELELDEL	44	35
>ATM-R2443 RELELDEL	18	>ATM-R2443 QELELDEL	80	62
>ATM-R2443 RELELDELA	70	>ATM-R2443 QELELDELA	540	470
>ATM-R2443 RELELDELAL	162	>ATM-R2443 QELELDELAL	294	132
>ATM-R2443 RELELDEL	385	>ATM-R2443 QELELDEL	386	1
>ATM-R2443 RELELDELAL	509	>ATM-R2443 QELELDELAL	238	271
>ATM-R2443 RELELDELA	132	>ATM-R2443 QELELDELA	122	10
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>ATM-R2443 RELELDEL	77	>ATM-R2443 QELELDEL	227	150
>ATM-R2443 RELELDELA	41	>ATM-R2443 QELELDELA	340	299
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>ATM-R2443 RELELDELALF	117	>ATM-R2443 QELELDELALF	1097	980
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>ATM-R2443 QRELELDEL	22792	>ATM-R2443 QQELELDEL	493	22299
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>ATM-R2443 QRELELDELA	223	>ATM-R2443 QQELELDELA	7048	6825
>ATM-R2443 QTNRYTVKVC	297	>ATM-R2443 QTNRYTVKVC	17000	16703
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>ATM-R2443 QTNRYTVKVC	12	>ATM-R2443 QTNRYTVKVC	1888	1876
>ATM-R2443 VQRELELDEL	1518	>ATM-R2443 VQQELELDEL	327	1191
>ATM-R2443 VQRELELDEL	406	>ATM-R2443 VQQELELDEL	1827	1421
>ATM-R2443 KVQRELELDE	605	>ATM-R2443 KVQQELELDE	371	234
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>ATM-R2443 VKVQRELEL	272	>ATM-R2443 VKVQQELEL	229	43
>ATM-R2443 YTVKVQREL	636	>ATM-R2443 YTVKVQQEL	92	544
>ATM-R2443 YTVKVQRELE	704	>ATM-R2443 YTVKVQQELE	325	379
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>ATM-R2443 YTVKVQREL	113	>ATM-R2443 YTVKVQQEL	54	59
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>ATM-R2443 NRYTVKVQR	258	>ATM-R2443 NRYTVKVQQ	16318	16060
>ATM-R2443 NRYTVKVQRI	746	>ATM-R2443 NRYTVKVQQ	446	300
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>ATM-R2453 RALKEDRKRF	117	>ATM-R2453 PALKEDRKRF	3368	3251
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>ATM-R2453 RALKEDRKRF	93	>ATM-R2453 PALKEDRKRF	19257	19164
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>ATM-R2453 LRALKEDRKR	23730	>ATM-R2453 LPALKEDRKR	343	23387
>ATM-R2453 LRALKEDRKR	21993	>ATM-R2453 LPALKEDRKR	143	21850
>ATM-R2453 LRALKEDRKR	30586	>ATM-R2453 LPALKEDRKR	456	30130
>ATM-R2453 LRALKEDRKR	23979	>ATM-R2453 LPALKEDRKR	330	23649
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>ATM-R2453 RELELDELALF	98	>ATM-R2453 RELELDELALF	31213	31115
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>ATM-R2453 ALRALKEDR	243	>ATM-R2453 ALPALKEDR	4353	4110
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>ATM-R2453 DELALRAL	452	>ATM-R2453 DELALPAL	320	132
>ATM-R2453 ELDELALRAL	1635	>ATM-R2453 ELDELALPAL	217	1418
>ATM-R2453 ELDELALRAL	398	>ATM-R2453 ELDELALPAL	211	187
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>ATM-R2713 RRQLVKGR	108	>ATM-R2713 RKQLVKGR	3861	3753
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>ATM-R2832 DVCQNFQPV	16	>ATM-R2832 DVCQNFQPV	17985	17969
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>ATM-R2832 PVFRYFCMEK	57	>ATM-R2832 PVFCYFCMEK	30	27
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>ATM-R2832 CQNFQPVFR'	302	>ATM-R2832 CQNFQPVFC'	139	163
>ATM-R2832 CQNFQPVFR'	133	>ATM-R2832 CQNFQPVFC'	51	82
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>ATM-R2832 VCQNFQPVFI	217	>ATM-R2832 VCQNFQPVFI	35718	35501
>ATM-R2912 RDIVDGMGI	120	>ATM-R2912 KDIVDGMGI	241	121
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>ATM-R2912 LTRDIVDGMCI	416	>ATM-R2912 LTKDIVDGMCI	199	217
>ATM-R2912 LTRDIVDGM	1143	>ATM-R2912 LTKDIVDGM	412	731
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>ATM-R2912 FRLTRDIVG	396	>ATM-R2912 FRLTKDIVG	712	316
>ATM-R2912 VPFRLTRDI	373	>ATM-R2912 VPFRLTKDI	185	188
>ATM-R2912 VPFRLTRDI	88	>ATM-R2912 VPFRLTKDI	21	67
>ATM-R2912 VPFRLTRDIV	278	>ATM-R2912 VPFRLTKDIV	327	49
>ATM-R2912 VPFRLTRDIV	520	>ATM-R2912 VPFRLTKDIV	452	68
>ATM-R2912 TVPFRLTR	5498	>ATM-R2912 TVPFRLTK	330	5168
>ATM-R2912 TVPFRLTR	928	>ATM-R2912 TVPFRLTK	62	866
>ATM-R2912 TVPFRLTR	262	>ATM-R2912 TVPFRLTK	4679	4417
>ATM-R2912 TVPFRLTR	276	>ATM-R2912 TVPFRLTK	6591	6315
>ATM-R2912 TVPFRLTR	53	>ATM-R2912 TVPFRLTK	117	64
>ATM-R2912 TVPFRLTRDI	40	>ATM-R2912 TVPFRLTKDIV	78	38
>ATM-R2912 TVPFRLTR	480	>ATM-R2912 TVPFRLTK	7150	6670
>ATM-R2912 ETVPFRLTR	1140	>ATM-R2912 ETVPFRLTK	71	1069
>ATM-R2912 ETVPFRLTR	289	>ATM-R2912 ETVPFRLTK	4505	4216
>ATM-R2912 ETVPFRLTR	27	>ATM-R2912 ETVPFRLTK	600	573
>ATM-R2912 ETVPFRLTR	2	>ATM-R2912 ETVPFRLTK	4	2
>ATM-R2912 ETVPFRLTRDI	38	>ATM-R2912 ETVPFRLTKDI	50	12
>ATM-R2912 ETVPFRLTRDI	170	>ATM-R2912 ETVPFRLTKDI	199	29
>ATM-R2912 ETVPFRLTR	557	>ATM-R2912 ETVPFRLTK	425	132
>ATM-R2912 ETVPFRLTR	69	>ATM-R2912 ETVPFRLTK	1651	1582
>ATM-R2912 ETVPFRLTRDI	258	>ATM-R2912 ETVPFRLTKDI	247	11
>ATM-R3008 RVLMLRQEK	101	>ATM-R3008 CVLMRLQEK	806	705
>ATM-R3008 RVLMLRQEKI	132	>ATM-R3008 CVLMRLQEKI	976	844
>ATM-R3008 RVLMLRQEK	43	>ATM-R3008 CVLMRLQEK	128	85
>ATM-R3008 RVLMLRQEKI	60	>ATM-R3008 CVLMRLQEKI	162	102
>ATM-R3008 RVLMLRQEK	7	>ATM-R3008 CVLMRLQEK	147	140
>ATM-R3008 RVLMLRQEKI	10	>ATM-R3008 CVLMRLQEKI	380	370
>ATM-R3008 RVLMLRQEK	32	>ATM-R3008 CVLMRLQEK	1026	994



>ATM-R3008 RVLMLRQEKI	130	>ATM-R3008 CVLMLRQEKI	2178	2048
>ATM-R3008 RVLMLRQEKI	177	>ATM-R3008 CVLMLRQEKI	12072	11895
>ATM-R3008 RVLMLRQEKI	205	>ATM-R3008 CVLMLRQEKI	9889	9684
>ATM-R3008 ERVLMRLQE	286	>ATM-R3008 ECVLMRLQE	31506	31220
>ATM-R3008 AERVLMRLQ	284	>ATM-R3008 AECVLMRLQ	10290	10006
>ATM-R3008 AERVLMRL	621	>ATM-R3008 AECVLMRL	46	575
>ATM-R3008 AERVLMRL	47	>ATM-R3008 AECVLMRL	246	199
>ATM-R3008 AERVLMRL	608	>ATM-R3008 AECVLMRL	272	336
>ATM-R3008 AERVLMRL	398	>ATM-R3008 AECVLMRL	295	103
>ATM-R3008 AERVLMRLQ	619	>ATM-R3008 AECVLMRLQ	426	193
>ATM-R3008 VAERVLMR	387	>ATM-R3008 VAECVLMR	305	82
>ATM-R3008 KVAERVLM	1107	>ATM-R3008 KVAECVLM	183	924
>ATM-R3008 KVAERVLMR	1409	>ATM-R3008 KVAECVLMR	427	982
>ATM-R3008 KVAERVLM	714	>ATM-R3008 KVAECVLM	136	578
>ATM-R3008 KVAERVLMR	117	>ATM-R3008 KVAECVLMR	32	85
>ATM-R3008 KVAERVLMR	490	>ATM-R3008 KVAECVLMR	282	208
>ATM-R3008 KVAERVLM	271	>ATM-R3008 KVAECVLM	93	178
>ATM-R3008 KVAERVLMR	423	>ATM-R3008 KVAECVLMR	158	265
>ATM-R3008 KVAERVLMR	140	>ATM-R3008 KVAECVLMR	138	2
>ATM-R3008 KVAERVLMR	375	>ATM-R3008 KVAECVLMR	317	58
>ATM-R3008 KVAERVLMR	109	>ATM-R3008 KVAECVLMR	118	9
>ATM-R3008 KVAERVLMR	96	>ATM-R3008 KVAECVLMR	160	64
>ATM-R3008 KVAERVLMR	63	>ATM-R3008 KVAECVLMR	80	17
>ATM-R3008 KVAERVLMR	55	>ATM-R3008 KVAECVLMR	60	5
>ATM-R3008 KVAERVLMR	249	>ATM-R3008 KVAECVLMR	443	194
>ATM-R3008 KVAERVLMR	156	>ATM-R3008 KVAECVLMR	154	2
>ATM-R3008 KVAERVLMR	256	>ATM-R3008 KVAECVLMR	400	144
>ATM-R3008 KVAERVLM	592	>ATM-R3008 KVAECVLM	369	223
>ATM-R3008 KVAERVLMR	342	>ATM-R3008 KVAECVLMR	209	133
>ATM-R3008 KVAERVLMR	101	>ATM-R3008 KVAECVLMR	33	68
>ATM-R3008 FDKVAERV	2564	>ATM-R3008 FDKVAECV	437	2127
>ATM-R3008 FDKVAERV	338	>ATM-R3008 FDKVAECV	347	9
>ATM-R3008 SFDKVAERV	622	>ATM-R3008 SFDKVAECV	207	415
>ATM-R3008 SFDKVAER	276	>ATM-R3008 SFDKVAEC	23983	23707
>ATM-R3008 QSFDKVAER\	422	>ATM-R3008 QSFDKVAEC\	284	138
>ATM-R3008 QSFDKVAER\	487	>ATM-R3008 QSFDKVAEC\	1383	896
>ATM-R3008 QSFDKVAER	24	>ATM-R3008 QSFDKVAEC	18529	18505
>ATM-R3008 QSFDKVAER	179	>ATM-R3008 QSFDKVAEC	32711	32532
>ATM-R3008 QSFDKVAER	8	>ATM-R3008 QSFDKVAEC	18808	18800
>ATM-R3008 QSFDKVAER\	135	>ATM-R3008 QSFDKVAEC\	128	7
>ATM-R3008 QSFDKVAER\	421	>ATM-R3008 QSFDKVAEC\	1192	771
>ATM-R3008 QSFDKVAER\	163	>ATM-R3008 QSFDKVAEC\	1459	1296
>ATM-R3008 QSFDKVAER\	18	>ATM-R3008 QSFDKVAEC\	10	8

>ATM-R3008 QSFDKVAER	295	>ATM-R3008 QSFDKVAEC	21416	21121
>ATM-R3008 DQSFDKVAEF	407	>ATM-R3008 DQSFDKVAEC	34355	33948
>ATM-R3008 DQSFDKVAEF	216	>ATM-R3008 DQSFDKVAEC	38586	38370
>ATM-R3008 RVLMRLQEK	101	>ATM-R3008 HVLMRLQEK	212	111
>ATM-R3008 RVLMRLQEKI	132	>ATM-R3008 HVLMRLQEKI	290	158
>ATM-R3008 RVLMRLQEK	43	>ATM-R3008 HVLMRLQEK	166	123
>ATM-R3008 RVLMRLQEKI	60	>ATM-R3008 HVLMRLQEKI	231	171
>ATM-R3008 RVLMRLQEK	7	>ATM-R3008 HVLMRLQEK	12	5
>ATM-R3008 RVLMRLQEKI	10	>ATM-R3008 HVLMRLQEKI	21	11
>ATM-R3008 RVLMRLQEK	32	>ATM-R3008 HVLMRLQEK	136	104
>ATM-R3008 RVLMRLQEKI	130	>ATM-R3008 HVLMRLQEKI	501	371
>ATM-R3008 RVLMRLQEKI	177	>ATM-R3008 HVLMRLQEKI	2217	2040
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>ATM-R3008 RVLMRLQEKI	5614	>ATM-R3008 HVLMRLQEKI	467	5147
>ATM-R3008 RVLMRLQEKI	205	>ATM-R3008 HVLMRLQEKI	1901	1696
>ATM-R3008 ERVLMRLQEI	286	>ATM-R3008 EHVLMRLQEI	16348	16062
>ATM-R3008 AERVLMRLQI	284	>ATM-R3008 AEHVLMRLQ	2642	2358
>ATM-R3008 AERVLMRL	621	>ATM-R3008 AEHVLMRL	31	590
>ATM-R3008 AERVLMRL	47	>ATM-R3008 AEHVLMRL	42	5
>ATM-R3008 AERVLMRLQ	694	>ATM-R3008 AEHVLMRLQ	411	283
>ATM-R3008 AERVLMRL	608	>ATM-R3008 AEHVLMRL	258	350
>ATM-R3008 AERVLMRL	398	>ATM-R3008 AEHVLMRL	84	314
>ATM-R3008 AERVLMRLQ	919	>ATM-R3008 AEHVLMRLQ	183	736
>ATM-R3008 AERVLMRLQI	609	>ATM-R3008 AEHVLMRLQ	308	301
>ATM-R3008 AERVLMRLQI	619	>ATM-R3008 AEHVLMRLQ	118	501
>ATM-R3008 AERVLMRL	731	>ATM-R3008 AEHVLMRL	451	280
>ATM-R3008 VAERVLMR	387	>ATM-R3008 VAEHVLMR	480	93
>ATM-R3008 KVAERVLM	714	>ATM-R3008 KVAEHVLM	221	493
>ATM-R3008 KVAERVLMRI	117	>ATM-R3008 KVAEHVLMR	75	42
>ATM-R3008 KVAERVLMRI	490	>ATM-R3008 KVAEHVLMR	318	172
>ATM-R3008 KVAERVLM	271	>ATM-R3008 KVAEHVLM	152	119
>ATM-R3008 KVAERVLMRI	423	>ATM-R3008 KVAEHVLMR	254	169
>ATM-R3008 KVAERVLMRI	140	>ATM-R3008 KVAEHVLMR	81	59
>ATM-R3008 KVAERVLMRI	375	>ATM-R3008 KVAEHVLMR	411	36
>ATM-R3008 KVAERVLMRI	109	>ATM-R3008 KVAEHVLMR	135	26
>ATM-R3008 KVAERVLMR	96	>ATM-R3008 KVAEHVLMR	84	12
>ATM-R3008 KVAERVLMR	63	>ATM-R3008 KVAEHVLMR	81	18
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>ATM-R3008 KVAERVLMR	55	>ATM-R3008 KVAEHVLMR	44	11
>ATM-R3008 KVAERVLMRI	249	>ATM-R3008 KVAEHVLMR	192	57
>ATM-R3008 KVAERVLMR	156	>ATM-R3008 KVAEHVLMR	135	21
>ATM-R3008 KVAERVLMRI	256	>ATM-R3008 KVAEHVLMR	252	4
>ATM-R3008 KVAERVLM	592	>ATM-R3008 KVAEHVLM	239	353

>ATM-R3008 KVAERVLMRI	342	>ATM-R3008 KVAEHLMR	184	158
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>ATM-R3008 KVAERVLMR	101	>ATM-R3008 KVAEHLMR	86	15
>ATM-R3008 DKVAERVL	1571	>ATM-R3008 DKVAEHL	227	1344
>ATM-R3008 FDKVAERV	338	>ATM-R3008 FDKVAEHV	316	22
>ATM-R3008 SFDKVAERV	622	>ATM-R3008 SFDKVAEHV	122	500
>ATM-R3008 SFDKVAER	276	>ATM-R3008 SFDKVAEH	16286	16010
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>ATM-R3008 QSFDKVAER\	487	>ATM-R3008 QSFDKVAEH\	627	140
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>ATM-R3008 QSFDKVAER\	135	>ATM-R3008 QSFDKVAEH\	103	32
>ATM-R3008 QSFDKVAER\	1511	>ATM-R3008 QSFDKVAEH\	259	1252
>ATM-R3008 QSFDKVAER\	421	>ATM-R3008 QSFDKVAEH\	270	151
>ATM-R3008 QSFDKVAER	1873	>ATM-R3008 QSFDKVAEH	56	1817
>ATM-R3008 QSFDKVAER\	163	>ATM-R3008 QSFDKVAEH\	347	184
>ATM-R3008 QSFDKVAER\	18	>ATM-R3008 QSFDKVAEH\	13	5
>ATM-R3008 QSFDKVAER	295	>ATM-R3008 QSFDKVAEH	2220	1925
>ATM-R3008 DQSFDKVAEF	407	>ATM-R3008 DQSFDKVAEF	21726	21319
>ATM-R3008 DQSFDKVAEF	216	>ATM-R3008 DQSFDKVAEF	22275	22059
>ATM-R337C FRNIAVKENLI	168	>ATM-R337C FCNIAVKENLI	1078	910
>ATM-R337C FRNIAVKENL	224	>ATM-R337C FCNIAVKENL	31230	31006
>ATM-R337C FRNIAVKENLI	416	>ATM-R337C FCNIAVKENLI	23469	23053
>ATM-R337C FRNIAVKENL	478	>ATM-R337C FCNIAVKENL	33150	32672
>ATM-R337C GSRGKYSSGF	39	>ATM-R337C GSRGKYSSGF	551	512
>ATM-R337C GSRGKYSSGF	33	>ATM-R337C GSRGKYSSGF	20567	20534
>ATM-R337C GFRNIAVK	13	>ATM-R337C GFCNIAVK	3347	3334
>ATM-R337C GFRNIAVK	292	>ATM-R337C GFCNIAVK	700	408
>ATM-R337C SGFRNIAV	779	>ATM-R337C SGFCNIAV	354	425
>ATM-R337C SGFRNIAV	356	>ATM-R337C SGFCNIAV	209	147
>ATM-R337C SGFRNIAVK	169	>ATM-R337C SGFCNIAVK	186	17
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>ATM-R337C SGFRNIAV	784	>ATM-R337C SGFCNIAV	131	653
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>ATM-R337C SSGFRNIAVK	118	>ATM-R337C SSGFCNIAVK	134	16
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>ATM-R337C SSGFRNIAVK	649	>ATM-R337C SSGFCNIAVK	278	371
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>ATM-R337C YSSGFRNIAV	269	>ATM-R337C YSSGFCNIAV	67	202
>ATM-R337C YSSGFRNI	1413	>ATM-R337C YSSGFCNI	300	1113
>ATM-R337C YSSGFRNIA	2044	>ATM-R337C YSSGFCNIA	471	1573

>ATM-R337C YSSGFRNIAV	180	>ATM-R337C YSSGFCNIAV	139	41
>ATM-R337C YSSGFRNIAV	329	>ATM-R337C YSSGFCNIAV	194	135
>ATM-R337C YSSGFRNIAV	77	>ATM-R337C YSSGFCNIAV	40	37
>ATM-R337C YSSGFRNIAVI	61	>ATM-R337C YSSGFCNIAVI	77	16
>ATM-R337C YSSGFRNIAVI	381	>ATM-R337C YSSGFCNIAVI	1320	939
>ATM-R337C YSSGFRNIAVI	20	>ATM-R337C YSSGFCNIAVI	20	0
>ATM-R337C YSSGFRNI	316	>ATM-R337C YSSGFCNI	203	113
>ATM-R337C YSSGFRNIAV	26	>ATM-R337C YSSGFCNIAV	19	7
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>ATM-R337C YSSGFRNI	273	>ATM-R337C YSSGFCNI	99	174
>ATM-R337C YSSGFRNIAV	515	>ATM-R337C YSSGFCNIAV	288	227
>ATM-R337C YSSGFRNI	100	>ATM-R337C YSSGFCNI	170	70
>ATM-R337C YSSGFRNIA	558	>ATM-R337C YSSGFCNIA	279	279
>ATM-R337C YSSGFRNIAV	91	>ATM-R337C YSSGFCNIAV	55	36
>ATM-R337C YSSGFRNI	64	>ATM-R337C YSSGFCNI	81	17
>ATM-R337C KYSSGFRNI	13	>ATM-R337C KYSSGFCNI	10	3
>ATM-R337C KYSSGFRNIA\	94	>ATM-R337C KYSSGFCNIA\	146	52
>ATM-R337C KYSSGFRNI	73	>ATM-R337C KYSSGFCNI	118	45
>ATM-R337C KYSSGFRNI	115	>ATM-R337C KYSSGFCNI	100	15
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>ATM-R337C KYSSGFRNIA\	331	>ATM-R337C KYSSGFCNIA\	302	29
>ATM-R337C KYSSGFRNI	322	>ATM-R337C KYSSGFCNI	124	198
>ATM-R337C KYSSGFRNIA	153	>ATM-R337C KYSSGFCNIA	393	240
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>ATM-R337C KYSSGFRNI	409	>ATM-R337C KYSSGFCNI	405	4
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>ATM-R337C GKYSSGFR	356	>ATM-R337C GKYSSGFC	1921	1565
>ATM-R337C GKYSSGFRNI	15	>ATM-R337C GKYSSGFCNI	13	2
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>ATM-R337C RGKYSSGFRN	34	>ATM-R337C RGKYSSGFCN	22	12
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>ATM-R337C RGKYSSGFRN	478	>ATM-R337C RGKYSSGFCN	796	318
>ATM-R337C SRGKYSSGFR	304	>ATM-R337C SRGKYSSGFC	4503	4199
>ATM-R337F RNIAVKENL	10864	>ATM-R337F HNIHAVKENL	368	10496
>ATM-R337F FRNIAVKENLI	168	>ATM-R337F FHNIHAVKENL	111	57
>ATM-R337F FRNIAVKENL	224	>ATM-R337F FHNIHAVKENL	15023	14799
>ATM-R337F FRNIAVKENLI	416	>ATM-R337F FHNIHAVKENL	20042	19626
>ATM-R337F FRNIAVKENL	478	>ATM-R337F FHNIHAVKENL	26083	25605
>ATM-R337F GSRGKYSSGF	39	>ATM-R337F GSRGKYSSGF	360	321

>ATM-R337F GSRGKYSSGF	33	>ATM-R337F GSRGKYSSGF	6336	6303
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>ATM-R337F GFRNIAVKEN	2864	>ATM-R337F GFHNIHAVKEN	420	2444
>ATM-R337F GFRNIAVK	13	>ATM-R337F GFHNIHAVK	99	86
>ATM-R337F GFRNIAVK	292	>ATM-R337F GFHNIHAVK	529	237
>ATM-R337F SGFRNIAV	779	>ATM-R337F SGFHNIHAV	423	356
>ATM-R337F SGFRNIAV	356	>ATM-R337F SGFHNIHAV	365	9
>ATM-R337F SGFRNIAVK	169	>ATM-R337F SGFHNIHAVK	253	84
>ATM-R337F SGFRNIAVK	104	>ATM-R337F SGFHNIHAVK	208	104
>ATM-R337F SGFRNIAV	784	>ATM-R337F SGFHNIHAV	277	507
>ATM-R337F SGFRNIAVK	658	>ATM-R337F SGFHNIHAVK	327	331
>ATM-R337F SSGFRNIAVK	118	>ATM-R337F SSGFHNIHAVK	115	3
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>ATM-R337F YSSGFRNIAV	180	>ATM-R337F YSSGFHNIHAV	123	57
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>ATM-R337F YSSGFRNIAV	77	>ATM-R337F YSSGFHNIHAV	82	5
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>ATM-R337F YSSGFRNIAVI	20	>ATM-R337F YSSGFHNIHAV	19	1
>ATM-R337F YSSGFRNI	316	>ATM-R337F YSSGFHNI	59	257
>ATM-R337F YSSGFRNIAV	26	>ATM-R337F YSSGFHNIHAV	27	1
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>ATM-R337F YSSGFRNIAV	459	>ATM-R337F YSSGFHNIHAV	140	319
>ATM-R337F YSSGFRNIAV	783	>ATM-R337F YSSGFHNIHAV	481	302
>ATM-R337F YSSGFRNI	273	>ATM-R337F YSSGFHNI	93	180
>ATM-R337F YSSGFRNI	5706	>ATM-R337F YSSGFHNI	446	5260
>ATM-R337F YSSGFRNIA	2646	>ATM-R337F YSSGFHNIHAV	407	2239
>ATM-R337F YSSGFRNIAV	515	>ATM-R337F YSSGFHNIHAV	126	389
>ATM-R337F YSSGFRNI	100	>ATM-R337F YSSGFHNI	157	57
>ATM-R337F YSSGFRNIA	558	>ATM-R337F YSSGFHNIHAV	286	272
>ATM-R337F YSSGFRNIAV	91	>ATM-R337F YSSGFHNIHAV	68	23
>ATM-R337F YSSGFRNI	64	>ATM-R337F YSSGFHNI	69	5
>ATM-R337F KYSSGFRNI	13	>ATM-R337F KYSSGFHNI	10	3
>ATM-R337F KYSSGFRNIA\	94	>ATM-R337F KYSSGFHNIHAV	196	102
>ATM-R337F KYSSGFRNIA\	1337	>ATM-R337F KYSSGFHNIHAV	478	859
>ATM-R337F KYSSGFRNI	73	>ATM-R337F KYSSGFHNI	13	60
>ATM-R337F KYSSGFRNI	115	>ATM-R337F KYSSGFHNI	39	76

>ATM-R337F KYSSGFRNI	10	>ATM-R337F KYSSGFHNI	5	5
>ATM-R337F KYSSGFRNIA\	331	>ATM-R337F KYSSGFHNIA'	156	175
>ATM-R337F KYSSGFRNI	322	>ATM-R337F KYSSGFHNI	257	65
>ATM-R337F KYSSGFRNIA	153	>ATM-R337F KYSSGFHNIA	118	35
>ATM-R337F KYSSGFRNIA\	157	>ATM-R337F KYSSGFHNIA'	159	2
>ATM-R337F KYSSGFRNI	3815	>ATM-R337F KYSSGFHNI	385	3430
>ATM-R337F KYSSGFRNI	409	>ATM-R337F KYSSGFHNI	202	207
>ATM-R337F KYSSGFRNIA	4067	>ATM-R337F KYSSGFHNIA	454	3613
>ATM-R337F KYSSGFRNIA\	470	>ATM-R337F KYSSGFHNIA'	392	78
>ATM-R337F KYSSGFRNI	227	>ATM-R337F KYSSGFHNI	105	122
>ATM-R337F KYSSGFRNIA	714	>ATM-R337F KYSSGFHNIA	442	272
>ATM-R337F KYSSGFRNIA\	99	>ATM-R337F KYSSGFHNIA'	90	9
>ATM-R337F GKYSSGFR	356	>ATM-R337F GKYSSGFH	283	73
>ATM-R337F GKYSSGFRNI	15	>ATM-R337F GKYSSGFHNI	12	3
>ATM-R337F GKYSSGFRNI\	129	>ATM-R337F GKYSSGFHNIA'	81	48
>ATM-R337F RGKYSSGFR	21	>ATM-R337F RGKYSSGFH	200	179
>ATM-R337F RGKYSSGFRNI	34	>ATM-R337F RGKYSSGFHNI	31	3
>ATM-R337F RGKYSSGFR	18	>ATM-R337F RGKYSSGFH	5709	5691
>ATM-R337F RGKYSSGFR	344	>ATM-R337F RGKYSSGFH	31375	31031
>ATM-R337F RGKYSSGFRNI	478	>ATM-R337F RGKYSSGFHNI	597	119
>ATM-R337F SRGKYSSGFR	304	>ATM-R337F SRGKYSSGFH	2083	1779
>ATM-R337S FRNIAVKENLI	168	>ATM-R337S FSNIAVKENLI	383	215
>ATM-R337S FRNIAVKENL	25413	>ATM-R337S FSNIAVKENL	140	25273
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>ATM-R337S FRNIAVKENLI	416	>ATM-R337S FSNIAVKENLI	19515	19099
>ATM-R337S FRNIAVKENL	478	>ATM-R337S FSNIAVKENL	27066	26588
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>ATM-R337S GSRGKYSSGF	39	>ATM-R337S GSRGKYSSGF	102	63
>ATM-R337S GSRGKYSSGF	33	>ATM-R337S GSRGKYSSGF	16173	16140
>ATM-R337S GFRNIAVK	13	>ATM-R337S GFSNIAVK	3177	3164
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>ATM-R337S SGFRNIAV	356	>ATM-R337S SGFSNIAV	215	141
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>ATM-R337S SGFRNIAVK	104	>ATM-R337S SGFSNIAVK	337	233
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>ATM-R337S SGFRNIAV	784	>ATM-R337S SGFSNIAV	344	440
>ATM-R337S SGFRNIAVK	658	>ATM-R337S SGFSNIAVK	481	177
>ATM-R337S SSGFRNIAVK	118	>ATM-R337S SSGFSNIAVK	257	139
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>ATM-R337S SSGFRNIAVK	587	>ATM-R337S SSGFSNIAVK	488	99
>ATM-R337S YSSGFRNI	1026	>ATM-R337S YSSGFSNI	457	569

>ATM-R337S YSSGFRNIAV	269	>ATM-R337S YSSGFSNIAV	150	119
>ATM-R337S YSSGFRNI	1413	>ATM-R337S YSSGFSNI	177	1236
>ATM-R337S YSSGFRNIA	2044	>ATM-R337S YSSGFSNIA	213	1831
>ATM-R337S YSSGFRNIAV	180	>ATM-R337S YSSGFSNIAV	95	85
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>ATM-R337S YSSGFRNIAV	77	>ATM-R337S YSSGFSNIAV	57	20
>ATM-R337S YSSGFRNIAV	835	>ATM-R337S YSSGFSNIAV	281	554
>ATM-R337S YSSGFRNIAV\	61	>ATM-R337S YSSGFSNIAV\	53	8
>ATM-R337S YSSGFRNIAV\	381	>ATM-R337S YSSGFSNIAV\	511	130
>ATM-R337S YSSGFRNIAV\	20	>ATM-R337S YSSGFSNIAV\	21	1
>ATM-R337S YSSGFRNI	316	>ATM-R337S YSSGFSNI	87	229
>ATM-R337S YSSGFRNIAV	26	>ATM-R337S YSSGFSNIAV	18	8
>ATM-R337S YSSGFRNIAV	459	>ATM-R337S YSSGFSNIAV	126	333
>ATM-R337S YSSGFRNI	1045	>ATM-R337S YSSGFSNI	368	677
>ATM-R337S YSSGFRNIAV	783	>ATM-R337S YSSGFSNIAV	322	461
>ATM-R337S YSSGFRNI	273	>ATM-R337S YSSGFSNI	43	230
>ATM-R337S YSSGFRNIAV	515	>ATM-R337S YSSGFSNIAV	167	348
>ATM-R337S YSSGFRNI	100	>ATM-R337S YSSGFSNI	171	71
>ATM-R337S YSSGFRNIA	558	>ATM-R337S YSSGFSNIA	364	194
>ATM-R337S YSSGFRNIAV	91	>ATM-R337S YSSGFSNIAV	64	27
>ATM-R337S YSSGFRNI	64	>ATM-R337S YSSGFSNI	29	35
>ATM-R337S YSSGFRNIAV	3754	>ATM-R337S YSSGFSNIAV	423	3331
>ATM-R337S KYSSGFRNI	13	>ATM-R337S KYSSGFSNI	3	10
>ATM-R337S KYSSGFRNIA\	94	>ATM-R337S KYSSGFSNIA\	32	62
>ATM-R337S KYSSGFRNI	73	>ATM-R337S KYSSGFSNI	34	39
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>ATM-R337S KYSSGFRNI	322	>ATM-R337S KYSSGFSNI	326	4
>ATM-R337S KYSSGFRNIA	153	>ATM-R337S KYSSGFSNIA	169	16
>ATM-R337S KYSSGFRNIA\	157	>ATM-R337S KYSSGFSNIA\	147	10
>ATM-R337S KYSSGFRNI	409	>ATM-R337S KYSSGFSNI	417	8
>ATM-R337S KYSSGFRNIA\	470	>ATM-R337S KYSSGFSNIA\	531	61
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>ATM-R337S GKYSSGFRN	2343	>ATM-R337S GKYSSGFSN	385	1958
>ATM-R337S GKYSSGFRNI	15	>ATM-R337S GKYSSGFSNI	6	9
>ATM-R337S GKYSSGFRNI\	129	>ATM-R337S GKYSSGFSNI\	66	63
>ATM-R337S RGKYSSGFR	21	>ATM-R337S RGKYSSGFS	47	26
>ATM-R337S RGKYSSGFRN	34	>ATM-R337S RGKYSSGFSN	35	1
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>ATM-R337S RGKYSSGFR	344	>ATM-R337S RGKYSSGFS	33297	32953
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>ATM-R337S SRGKYSSGFR	304	>ATM-R337S SRGKYSSGFS	7011	6707
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>ATM-R717V RCSRLLVGV	5144	>ATM-R717V WCSRLLVGV	300	4844
>ATM-R717V VRCSRLLVGV	23400	>ATM-R717V VWCSRLLVGV	289	23111
>ATM-R717V VRCSRLLVGV	384	>ATM-R717V VWCSRLLVGV	12194	11810
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>ATM-R717V VRCSRLLV	32487	>ATM-R717V VWCSRLLV	230	32257
>ATM-R717V VRCSRLLVGV	34417	>ATM-R717V VWCSRLLVGV	184	34233
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>ATM-R717V SEITNSETLVR	2008	>ATM-R717V SEITNSETLVV	22	1986
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>ATM-R717V LVRCRLLV	12659	>ATM-R717V LVWCSRLLV	70	12589
>ATM-R717V LVRCRLLVGV	6821	>ATM-R717V LVWCSRLLVGV	41	6780
>ATM-R717V LVRCRLLV	420	>ATM-R717V LVWCSRLLV	581	161
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>ATM-R717V LVRCRLLV	1922	>ATM-R717V LVWCSRLLV	97	1825
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>ATM-R717V LVRCRLLV	6244	>ATM-R717V LVWCSRLLV	148	6096
>ATM-R717V LVRCRLLVGV	1135	>ATM-R717V LVWCSRLLVGV	18	1117
>ATM-R717V LVRCRLLVGV	1924	>ATM-R717V LVWCSRLLVGV	65	1859
>ATM-R717V LVRCRLLV	14988	>ATM-R717V LVWCSRLLV	384	14604
>ATM-R717V LVRCRLLVGV	6901	>ATM-R717V LVWCSRLLVGV	57	6844
>ATM-R717V LVRCRLLVGV	10050	>ATM-R717V LVWCSRLLVGV	89	9961
>ATM-R717V LVRCRLLV	245	>ATM-R717V LVWCSRLLV	28	217
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>ATM-R717V LVRCRLL	24	>ATM-R717V LVWCSRLL	5295	5271
>ATM-R717V LVRCRLLV	7	>ATM-R717V LVWCSRLLV	1032	1025
>ATM-R717V LVRCRLLVGV	51	>ATM-R717V LVWCSRLLVGV	7028	6977
>ATM-R717V LVRCRLLVGV	27	>ATM-R717V LVWCSRLLVGV	4653	4626
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>ATM-R717V LVRCRLLV	5452	>ATM-R717V LVWCSRLLV	101	5351
>ATM-R717V LVRCRLLVGV	1743	>ATM-R717V LVWCSRLLVGV	27	1716
>ATM-R717V LVRCRLL	116	>ATM-R717V LVWCSRLL	2352	2236
>ATM-R717V LVRCRLLV	399	>ATM-R717V LVWCSRLLV	1619	1220
>ATM-R717V TLVRCRLL	1867	>ATM-R717V TLVWCSRLL	274	1593
>ATM-R717V TLVRCRLLV	212	>ATM-R717V TLVWCSRLLV	65	147
>ATM-R717V TLVRCRLL	121	>ATM-R717V TLVWCSRLL	60	61
>ATM-R717V TLVRCRLL	156	>ATM-R717V TLVWCSRLL	68	88



>ATM-R717V TLVRCRLLV	56	>ATM-R717V TLVWCSRLLV	33	23
>ATM-R717V TLVRCRSL	183	>ATM-R717V TLVWCSRSL	76	107
>ATM-R717V TLVRCRLL	419	>ATM-R717V TLVWCSRLL	165	254
>ATM-R717V TLVRCRLLV	34	>ATM-R717V TLVWCSRLLV	43	9
>ATM-R717V TLVRCRLLV	317	>ATM-R717V TLVWCSRLLV	151	166
>ATM-R717V TLVRCRSL	945	>ATM-R717V TLVWCSRSL	76	869
>ATM-R717V TLVRCRLL	2381	>ATM-R717V TLVWCSRLL	321	2060
>ATM-R717V TLVRCRLLV	206	>ATM-R717V TLVWCSRLLV	38	168
>ATM-R717V TLVRCRLLV	249	>ATM-R717V TLVWCSRLLV	290	41
>ATM-R717V TLVRCRSL	2640	>ATM-R717V TLVWCSRSL	437	2203
>ATM-R717V TLVRCRLLV	202	>ATM-R717V TLVWCSRLLV	61	141
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>ATM-R717V ETLVRCRSL	1350	>ATM-R717V ETLVWCSRSL	147	1203
>ATM-R717V ETLVRCRSL	216	>ATM-R717V ETLVWCSRSL	182	34
>ATM-R717V ETLVRCRSL	10	>ATM-R717V ETLVWCSRSL	8	2
>ATM-R717V ETLVRCRSL	6	>ATM-R717V ETLVWCSRSL	6	0
>ATM-R717V ETLVRCRSL	1053	>ATM-R717V ETLVWCSRSL	170	883
>ATM-R717V ETLVRCRSLV	69	>ATM-R717V ETLVWCSRSLV	24	45
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>ATM-R717V ETLVRCRSL	34	>ATM-R717V ETLVWCSRSL	42	8
>ATM-R717V ETLVRCRSL	206	>ATM-R717V ETLVWCSRSL	203	3
>ATM-R717V ETLVRCRSL	56	>ATM-R717V ETLVWCSRSL	19	37
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>ATM-R717V ETLVRCRSL	1941	>ATM-R717V ETLVWCSRSL	423	1518
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>ATM-R717V NSETLVRCRSL	374	>ATM-R717V NSETLVWCSRSL	781	407
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>ATM-R717V NSETLVRCSR	435	>ATM-R717V NSETLVWCSF	342	93
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>ATM-R717V TNSETLVRCSI	85	>ATM-R717V TNSETLVWCS	91	6
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>ATM-R717V ITNSETLVR	124	>ATM-R717V ITNSETLVW	21404	21280
>ATM-R717V ITNSETLVR	167	>ATM-R717V ITNSETLVW	19639	19472
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>ATM-R717V EITNSETLVR	22904	>ATM-R717V EITNSETLVW	444	22460
>ATM-R717V EITNSETLVR	414	>ATM-R717V EITNSETLVW	33628	33214
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>ATM-S1179 SVKENGLEPH	2683	>ATM-S1179 FVKENGLEPH	124	2559
>ATM-S1179 SVKENGLEPH	585	>ATM-S1179 FVKENGLEPH	39	546
>ATM-S1179 SVKENGLEPH	145	>ATM-S1179 FVKENGLEPH	4495	4350
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>ATM-S1179 ALCKSVKENG	83	>ATM-S1179 ALCKFKVENG	53	30
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>ATM-S1179 ALCKSVKENG	119	>ATM-S1179 ALCKFKVENG	56	63
>ATM-S1179 ALCKSVKENG	20	>ATM-S1179 ALCKFKVENG	16	4
>ATM-S1179 FALCKSVK	1502	>ATM-S1179 FALCKFVK	274	1228
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>ATM-S1179 ALFALCKSV	12	>ATM-S1179 ALFALCKFV	5	7
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>ATM-S1179 ALFALCKSV	11	>ATM-S1179 ALFALCKFV	7	4
>ATM-S1179 ALFALCKSV	71	>ATM-S1179 ALFALCKFV	29	42
>ATM-S1179 ALFALCKS	246	>ATM-S1179 ALFALCKF	495	249
>ATM-S1179 ALFALCKSV	2	>ATM-S1179 ALFALCKFV	3	1
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>ATM-S1179 ALFALCKSVK	76	>ATM-S1179 ALFALCKFVK	32	44
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>ATM-S1179 ALFALCKS	8376	>ATM-S1179 ALFALCKF	58	8318
>ATM-S1179 ALFALCKSV	308	>ATM-S1179 ALFALCKFV	3742	3434
>ATM-S1179 ALFALCKS	12652	>ATM-S1179 ALFALCKF	76	12576
>ATM-S1179 ALFALCKS	24144	>ATM-S1179 ALFALCKF	450	23694
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>ATM-S1179 ALFALCKSV	178	>ATM-S1179 ALFALCKFV	629	451
>ATM-S1179 ALFALCKS	21400	>ATM-S1179 ALFALCKF	184	21216
>ATM-S1179 ALFALCKSVK	451	>ATM-S1179 ALFALCKFVK	123	328
>ATM-S1179 QALFALCKSV	422	>ATM-S1179 QALFALCKFV	118	304
>ATM-S1179 QALFALCKSV	490	>ATM-S1179 QALFALCKFV	388	102
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>ATM-S1905 SQRTMLAV	337	>ATM-S1905 LQRTMLAV	158	179
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>ATM-S1905 HFFRCCLDKK	18372	>ATM-S1905 HFFRCCLDKK	397	17975
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>ATM-S1905 KKSQRTMLA\	45	>ATM-S1905 KKLQRTMLA\	28	17
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>ATM-S1905 RCCLDKKSQR	128	>ATM-S1905 RCCLDKKLQR	112	16
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>ATM-S207C SKFLDFFSKAI	140	>ATM-S207C CKFLDFFSKAI	644	504
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>ATM-S207C QTDGLNSKF	279	>ATM-S207C QTDGLNCKF	145	134
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>ATM-S2375 SSDELNRNGKM	50	>ATM-S2375 ISDELNRNGKM	148	98
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>ATM-S2375 ESSDELNRNGK	176	>ATM-S2375 EISDELNRNGKI	169	7
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>ATM-S2375 NYDGESSDEL	94	>ATM-S2375 NYDGEISDEL	44	50
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>ATM-S2375 VAGNYDGES	37113	>ATM-S2375 VAGNYDGEI	490	36623
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>ATM-S2394 SDTQYQRI	65	>ATM-S2394 LDTQYQRI	92	27
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>ATM-S2394 FSDTQYQRI	20257	>ATM-S2394 FLDTQYQRI	4	20253
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>ATM-S2394 RFSDTQYQRI	55	>ATM-S2394 RFLDTQYQRI	17	38
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>ATM-S2394 LARFSDTQY	944	>ATM-S2394 LARFLDTQY	343	601
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>ATM-S2394 SLARFSDTQY	101	>ATM-S2394 SLARFLDTQY	79	22
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>ATM-S2408 SEFENKQA	1897	>ATM-S2408 LEFENKQA	376	1521
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>ATM-S2408 SEFENKQA	205	>ATM-S2408 LEFENKQA	226	21
>ATM-S2408 SEFENKQAL	28	>ATM-S2408 LEFENKQAL	34	6
>ATM-S2408 SEFENKQALL	210	>ATM-S2408 LEFENKQALL	353	143
>ATM-S2408 SEFENKQAL	370	>ATM-S2408 LEFENKQAL	685	315
>ATM-S2408 SEFENKQALL	131	>ATM-S2408 LEFENKQALL	1461	1330
>ATM-S2408 SEFENKQAL	156	>ATM-S2408 LEFENKQAL	380	224
>ATM-S2408 SEFENKQALL	116	>ATM-S2408 LEFENKQALL	1811	1695
>ATM-S2408 SEFENKQA	167	>ATM-S2408 LEFENKQA	2323	2156
>ATM-S2408 SEFENKQALL	489	>ATM-S2408 LEFENKQALL	6506	6017
>ATM-S2408 SEFENKQAL	49	>ATM-S2408 LEFENKQAL	46	3
>ATM-S2408 SEFENKQALL	217	>ATM-S2408 LEFENKQALL	254	37
>ATM-S2408 SSEFENKQAL	9458	>ATM-S2408 SLEFENKQALL	55	9403
>ATM-S2408 SSEFENKQAL	29226	>ATM-S2408 SLEFENKQAL	52	29174
>ATM-S2408 SSEFENKQAL	28977	>ATM-S2408 SLEFENKQALL	48	28929
>ATM-S2408 SSEFENKQAL	487	>ATM-S2408 SLEFENKQALL	17143	16656
>ATM-S2408 SSEFENKQAL	392	>ATM-S2408 SLEFENKQALL	6917	6525
>ATM-S2408 YQRIENYMKS	8944	>ATM-S2408 YQRIENYMKS	369	8575
>ATM-S2408 YQRIENYMKS	11454	>ATM-S2408 YQRIENYMKS	494	10960
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>ATM-S2408 YQRIENYMKS	483	>ATM-S2408 YQRIENYMKS	12	471
>ATM-S2408 KSSEFENKQA	1081	>ATM-S2408 KSLEFENKQA	114	967
>ATM-S2408 KSSEFENK	267	>ATM-S2408 KSLEFENK	332	65
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>ATM-S2408 KSSEFENKQA	352	>ATM-S2408 KSLEFENKQA	83	269
>ATM-S2408 KSSEFENKQA	393	>ATM-S2408 KSLEFENKQA	206	187
>ATM-S2408 KSSEFENKQA	54	>ATM-S2408 KSLEFENKQA	29	25
>ATM-S2408 KSSEFENK	244	>ATM-S2408 KSLEFENK	183	61
>ATM-S2408 MKSSEFENK	150	>ATM-S2408 MKSLEFENK	1419	1269
>ATM-S2408 MKSSEFENKC	275	>ATM-S2408 MKSLEFENKC	1790	1515
>ATM-S2408 YMKSSSEFENK	166	>ATM-S2408 YMKSLSEFENK	234	68
>ATM-S2408 YMKSSSEFENK	504	>ATM-S2408 YMKSLSEFENK	369	135
>ATM-S2408 YMKSSSEFENK	271	>ATM-S2408 YMKSLSEFENK	294	23
>ATM-S2408 YMKSSSEFENK	188	>ATM-S2408 YMKSLSEFENK	101	87
>ATM-S2408 YMKSSSEFENK	119	>ATM-S2408 YMKSLSEFENK	504	385
>ATM-S2408 NYMKSSSEF	31	>ATM-S2408 NYMKSLSEF	24	7
>ATM-S2408 NYMKSSSEFEN	172	>ATM-S2408 NYMKSLSEFEN	131	41
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>ATM-S2408 NYMKSSSEF	5	>ATM-S2408 NYMKSLSEF	4	1
>ATM-S2408 NYMKSSSEFEN	350	>ATM-S2408 NYMKSLSEFEN	455	105
>ATM-S2408 NYMKSSSEF	265	>ATM-S2408 NYMKSLSEF	543	278
>ATM-S2408 NYMKSSSEFEN	316	>ATM-S2408 NYMKSLSEFEN	361	45
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>ATM-S2408 ENYMKSSSEF	180	>ATM-S2408 ENYMKSLSEF	351	171
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>ATM-S2408 IENYMKSSSEF	113	>ATM-S2408 IENYMKSLSEF	112	1
>ATM-S2408 IENYMKSSSEF	411	>ATM-S2408 IENYMKSLSEF	642	231
>ATM-S2408 IENYMKSSSEF	38	>ATM-S2408 IENYMKSLSEF	81	43
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>ATM-S2408 IENYMKSS	18172	>ATM-S2408 IENYMKSL	88	18084
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>ATM-S2408 IENYMKSSSEF	106	>ATM-S2408 IENYMKSLSEF	77	29
>ATM-S2408 RIENYMKSSSE	476	>ATM-S2408 RIENYMKSLSE	163	313
>ATM-S2408 RIENYMKSSSE	374	>ATM-S2408 RIENYMKSLSE	610	236
>ATM-S2408 RIENYMKSSSE	81	>ATM-S2408 RIENYMKSLSE	61	20
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>ATM-S2408 QRIENYMKSS	8250	>ATM-S2408 QRIENYMKSL	425	7825
>ATM-S2408 QRIENYMKSS	2287	>ATM-S2408 QRIENYMKSL	114	2173
>ATM-S2859 SSIVGYIL	212	>ATM-S2859 FSIVGYIL	124	88
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>ATM-S2859 SSIVGYILGL	740	>ATM-S2859 FSIVGYILGL	197	543
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>ATM-S2859 SSIVGYILGL	501	>ATM-S2859 FSIVGYILGL	122	379
>ATM-S2859 SSIVGYIL	1180	>ATM-S2859 FSIVGYIL	295	885
>ATM-S2859 SSIVGYIL	72	>ATM-S2859 FSIVGYIL	60	12
>ATM-S2859 SSIVGYILGL	10	>ATM-S2859 FSIVGYILGL	11	1
>ATM-S2859 SSIVGYIL	1033	>ATM-S2859 FSIVGYIL	118	915
>ATM-S2859 SSIVGYILGL	2700	>ATM-S2859 FSIVGYILGL	392	2308
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>ATM-S2859 SSIVGYILGL	2098	>ATM-S2859 FSIVGYILGL	339	1759
>ATM-S2859 SSIVGYIL	26	>ATM-S2859 FSIVGYIL	7	19
>ATM-S2859 SSIVGYILGL	253	>ATM-S2859 FSIVGYILGL	470	217
>ATM-S2859 SSIVGYIL	345	>ATM-S2859 FSIVGYIL	554	209
>ATM-S2859 SSIVGYILGL	1013	>ATM-S2859 FSIVGYILGL	455	558
>ATM-S2859 TSSIVGYI	16115	>ATM-S2859 TFSIVGYI	207	15908
>ATM-S2859 TSSIVGYI	41	>ATM-S2859 TFSIVGYI	2898	2857
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>ATM-S2859 TSSIVGYILGL	45	>ATM-S2859 TFSIVGYILGL	23247	23202
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>ATM-S2859 TSSIVGYILGL	181	>ATM-S2859 TFSIVGYILGL	11562	11381
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>ATM-S2859 TSSIVGYI	61	>ATM-S2859 TFSIVGYI	10567	10506
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>ATM-S2859 RLAYTRSVAT	2115	>ATM-S2859 RLAYTRSVAT	19	2096
>ATM-S2859 RLAYTRSVAT	2666	>ATM-S2859 RLAYTRSVAT	29	2637
>ATM-S2859 RLAYTRSVAT	24173	>ATM-S2859 RLAYTRSVAT	493	23680
>ATM-S2859 RLAYTRSVAT	2086	>ATM-S2859 RLAYTRSVAT	4	2082
>ATM-S2859 RLAYTRSVAT	13573	>ATM-S2859 RLAYTRSVAT	29	13544
>ATM-S2859 RLAYTRSVAT	19438	>ATM-S2859 RLAYTRSVAT	129	19309
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>ATM-S2859 ATSSIVGYI	2242	>ATM-S2859 ATFSIVGYI	197	2045
>ATM-S2859 ATSSIVGYI	23	>ATM-S2859 ATFSIVGYI	36	13
>ATM-S2859 ATSSIVGYIL	158	>ATM-S2859 ATFSIVGYIL	84	74
>ATM-S2859 ATSSIVGYI	35	>ATM-S2859 ATFSIVGYI	28	7
>ATM-S2859 ATSSIVGYI	981	>ATM-S2859 ATFSIVGYI	183	798
>ATM-S2859 ATSSIVGYIL	928	>ATM-S2859 ATFSIVGYIL	326	602
>ATM-S2859 ATSSIVGYI	248	>ATM-S2859 ATFSIVGYI	17	231

>ATM-S2859 ATSSIVGYIL	2250	>ATM-S2859 ATFSIVGYIL	152	2098
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>ATM-S2859 ATSSIVGY	102	>ATM-S2859 ATFSIVGY	33	69
>ATM-S2859 ATSSIVGY	671	>ATM-S2859 ATFSIVGY	145	526
>ATM-S2859 ATSSIVGY	35	>ATM-S2859 ATFSIVGY	55	20
>ATM-S2859 ATSSIVGY	3349	>ATM-S2859 ATFSIVGY	328	3021
>ATM-S2859 ATSSIVGY	127	>ATM-S2859 ATFSIVGY	39	88
>ATM-S2859 ATSSIVGYI	700	>ATM-S2859 ATFSIVGYI	112	588
>ATM-S2859 ATSSIVGY	25	>ATM-S2859 ATFSIVGY	21	4
>ATM-S2859 ATSSIVGY	1222	>ATM-S2859 ATFSIVGY	48	1174
>ATM-S2859 ATSSIVGYI	1349	>ATM-S2859 ATFSIVGYI	94	1255
>ATM-S2859 ATSSIVGYIL	381	>ATM-S2859 ATFSIVGYIL	29	352
>ATM-S2859 ATSSIVGY	617	>ATM-S2859 ATFSIVGY	69	548
>ATM-S2859 ATSSIVGYI	12	>ATM-S2859 ATFSIVGYI	8	4
>ATM-S2859 ATSSIVGYIL	154	>ATM-S2859 ATFSIVGYIL	89	65
>ATM-S2859 ATSSIVGYI	778	>ATM-S2859 ATFSIVGYI	136	642
>ATM-S2859 ATSSIVGY	411	>ATM-S2859 ATFSIVGY	214	197
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>ATM-S2859 ATSSIVGY	570	>ATM-S2859 ATFSIVGY	63	507
>ATM-S2859 ATSSIVGYIL	2266	>ATM-S2859 ATFSIVGYIL	336	1930
>ATM-S2859 ATSSIVGY	7	>ATM-S2859 ATFSIVGY	4	3
>ATM-S2859 ATSSIVGYI	717	>ATM-S2859 ATFSIVGYI	110	607
>ATM-S2859 ATSSIVGYIL	218	>ATM-S2859 ATFSIVGYIL	31	187
>ATM-S2859 ATSSIVGYI	142	>ATM-S2859 ATFSIVGYI	244	102
>ATM-S2859 ATSSIVGYIL	25	>ATM-S2859 ATFSIVGYIL	48	23
>ATM-S2859 ATSSIVGY	191	>ATM-S2859 ATFSIVGY	602	411
>ATM-S2859 ATSSIVGYI	59	>ATM-S2859 ATFSIVGYI	14	45
>ATM-S2859 ATSSIVGYIL	138	>ATM-S2859 ATFSIVGYIL	646	508
>ATM-S2859 ATSSIVGY	643	>ATM-S2859 ATFSIVGY	227	416
>ATM-S2859 ATSSIVGYI	1500	>ATM-S2859 ATFSIVGYI	460	1040
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>ATM-S2859 VATSSIVGY	206	>ATM-S2859 VATFSIVGY	353	147
>ATM-S2859 VATSSIVGYI	158	>ATM-S2859 VATFSIVGYI	98	60
>ATM-S2859 VATSSIVGY	167	>ATM-S2859 VATFSIVGY	977	810
>ATM-S2859 VATSSIVGY	10	>ATM-S2859 VATFSIVGY	12	2
>ATM-S2859 VATSSIVGY	178	>ATM-S2859 VATFSIVGY	267	89
>ATM-S2859 VATSSIVGYI	200	>ATM-S2859 VATFSIVGYI	605	405
>ATM-S2859 VATSSIVGYIL	36	>ATM-S2859 VATFSIVGYIL	102	66
>ATM-S2859 SVATSSIVGY	215	>ATM-S2859 SVATFSIVGY	553	338
>ATM-S2859 SVATSSIV	1026	>ATM-S2859 SVATFSIV	345	681
>ATM-S2859 SVATSSIVGYI	865	>ATM-S2859 SVATFSIVGYI	338	527
>ATM-S2859 SVATSSIV	170	>ATM-S2859 SVATFSIV	58	112
>ATM-S2859 SVATSSIVGYI	104	>ATM-S2859 SVATFSIVGYI	36	68

>ATM-S2859 SVATSSIV	27	>ATM-S2859 SVATFSIV	21	6
>ATM-S2859 SVATSSIVGYI	60	>ATM-S2859 SVATFSIVGYI	56	4
>ATM-S2859 SVATSSIV	124	>ATM-S2859 SVATFSIV	31	93
>ATM-S2859 SVATSSIVGYI	247	>ATM-S2859 SVATFSIVGYI	179	68
>ATM-S2859 SVATSSIV	738	>ATM-S2859 SVATFSIV	308	430
>ATM-S2859 SVATSSIVGYI	463	>ATM-S2859 SVATFSIVGYI	191	272
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>ATM-S2859 SVATSSIVGY	22	>ATM-S2859 SVATFSIVGY	29	7
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>ATM-S2859 SVATSSIVGY	268	>ATM-S2859 SVATFSIVGY	109	159
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>ATM-S2859 SVATSSIVGYI	11	>ATM-S2859 SVATFSIVGYI	9	2
>ATM-S2859 SVATSSIV	163	>ATM-S2859 SVATFSIV	55	108
>ATM-S2859 SVATSSIVGYI	130	>ATM-S2859 SVATFSIVGYI	49	81
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>ATM-S2859 RSVATSSI	1333	>ATM-S2859 RSVATFSI	90	1243
>ATM-S2859 RSVATSSIV	924	>ATM-S2859 RSVATFSIV	97	827
>ATM-S2859 RSVATSSIVG\	646	>ATM-S2859 RSVATFSIVG\	348	298
>ATM-S2859 RSVATSSIVG\	176	>ATM-S2859 RSVATFSIVG\	101	75
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>ATM-S2859 RSVATSSI	75	>ATM-S2859 RSVATFSI	78	3
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>ATM-S2859 RSVATSSIVG\	102	>ATM-S2859 RSVATFSIVG\	112	10
>ATM-S2859 RSVATSSI	58	>ATM-S2859 RSVATFSI	33	25
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>ATM-S2859 RSVATSSIVG\	52	>ATM-S2859 RSVATFSIVG\	55	3
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>ATM-S2859 RSVATSSIVG\	13	>ATM-S2859 RSVATFSIVG\	14	1
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>ATM-S2859 RSVATSSIV	12	>ATM-S2859 RSVATFSIV	69	57
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>ATM-S2859 RSVATSSIVG\	2	>ATM-S2859 RSVATFSIVG\	3	1
>ATM-S2859 RSVATSSIVG\	240	>ATM-S2859 RSVATFSIVG\	290	50

>ATM-S2859 RSVATSSI	24	>ATM-S2859 RSVATFSI	16	8
>ATM-S2859 RSVATSSIV	392	>ATM-S2859 RSVATFSIV	678	286
>ATM-S2859 RSVATSSIVG\	22	>ATM-S2859 RSVATFSIVG\	30	8
>ATM-S2859 RSVATSSIV	778	>ATM-S2859 RSVATFSIV	187	591
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>ATM-S2859 RSVATSSIVG\	52	>ATM-S2859 RSVATFSIVG\	58	6
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>ATM-S2859 TRSVATSSI	422	>ATM-S2859 TRSVATFSI	1267	845
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>ATM-S2859 TRSVATSSIV	196	>ATM-S2859 TRSVATFSIV	233	37
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>ATM-S2859 YTRSVATSSIV	23	>ATM-S2859 YTRSVATFSIV	20	3
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>ATM-S2859 YTRSVATSSI	1263	>ATM-S2859 YTRSVATFSI	413	850
>ATM-S2859 YTRSVATSSIV	291	>ATM-S2859 YTRSVATFSIV	239	52
>ATM-S2859 YTRSVATSSIV	108	>ATM-S2859 YTRSVATFSIV	102	6
>ATM-S2859 YTRSVATS	9672	>ATM-S2859 YTRSVATF	241	9431
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>ATM-S2859 YTRSVATS	476	>ATM-S2859 YTRSVATF	1326	850
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>ATM-S2859 YTRSVATSSIV	94	>ATM-S2859 YTRSVATFSIV	105	11
>ATM-S2859 YTRSVATS	18456	>ATM-S2859 YTRSVATF	352	18104
>ATM-S2859 YTRSVATSSI	702	>ATM-S2859 YTRSVATFSI	289	413
>ATM-S2859 YTRSVATSSI	173	>ATM-S2859 YTRSVATFSI	90	83
>ATM-S2859 YTRSVATSSIV	469	>ATM-S2859 YTRSVATFSIV	292	177
>ATM-S2859 YTRSVATSSI	653	>ATM-S2859 YTRSVATFSI	117	536
>ATM-S2859 YTRSVATSSIV	420	>ATM-S2859 YTRSVATFSIV	303	117
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>ATM-S2859 YTRSVATSSI	487	>ATM-S2859 YTRSVATFSI	1387	900
>ATM-S2859 YTRSVATS	4717	>ATM-S2859 YTRSVATF	10	4707
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>ATM-S2859 YTRSVATSSIV	116	>ATM-S2859 YTRSVATFSIV	110	6
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>ATM-S2859 YTRSVATSSI	13	>ATM-S2859 YTRSVATFSI	16	3
>ATM-S2859 YTRSVATSSIV	77	>ATM-S2859 YTRSVATFSIV	228	151
>ATM-S2859 YTRSVATS	14585	>ATM-S2859 YTRSVATF	400	14185
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>ATM-S2859 YTRSVATSSI	255	>ATM-S2859 YTRSVATFSI	96	159
>ATM-S2859 YTRSVATSSIV	278	>ATM-S2859 YTRSVATFSIV	136	142
>ATM-S2859 YTRSVATS	7031	>ATM-S2859 YTRSVATF	38	6993
>ATM-S2859 YTRSVATSS	14	>ATM-S2859 YTRSVATFS	13	1
>ATM-S2859 YTRSVATSSI	43	>ATM-S2859 YTRSVATFSI	47	4
>ATM-S2859 YTRSVATSSIV	2	>ATM-S2859 YTRSVATFSIV	2	0
>ATM-S2859 YTRSVATSSI	32	>ATM-S2859 YTRSVATFSI	112	80
>ATM-S2859 AYTRSVATSSI	3	>ATM-S2859 AYTRSVATFSI	12	9
>ATM-S2859 AYTRSVATS	24465	>ATM-S2859 AYTRSVATF	110	24355
>ATM-S2859 AYTRSVATS	10116	>ATM-S2859 AYTRSVATF	56	10060
>ATM-S2859 AYTRSVATSSI	396	>ATM-S2859 AYTRSVATFSI	160	236
>ATM-S2859 AYTRSVATS	3407	>ATM-S2859 AYTRSVATF	5	3402
>ATM-S2859 AYTRSVATSSI	13	>ATM-S2859 AYTRSVATFSI	8	5
>ATM-S2859 AYTRSVATSSI	323	>ATM-S2859 AYTRSVATFSI	247	76
>ATM-S2859 AYTRSVATS	18784	>ATM-S2859 AYTRSVATF	102	18682
>ATM-S2859 AYTRSVATS	22341	>ATM-S2859 AYTRSVATF	283	22058
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>ATM-S707P SEITNSETLV	331	>ATM-S707P PEITNSETLV	10717	10386
>ATM-S707P SEITNSETL	404	>ATM-S707P PEITNSETL	3953	3549
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>ATM-S707P SEITNSETLVR	386	>ATM-S707P PEITNSETLVR	955	569
>ATM-S707P SSEITNSETL	23646	>ATM-S707P SPEITNSETL	190	23456
>ATM-S707P SSEITNSETL	42	>ATM-S707P SPEITNSETL	18682	18640
>ATM-S707P SSEITNSETL	183	>ATM-S707P SPEITNSETL	16768	16585
>ATM-S707P SSEITNSETLV	143	>ATM-S707P SPEITNSETLV	3713	3570
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>ATM-S707P YSSEITNSETL	21	>ATM-S707P YSPEITNSETL	140	119
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>ATM-S707P YSSEITNSETL	241	>ATM-S707P YSPEITNSETL	218	23
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>ATM-S707P YSSEITNSETL	292	>ATM-S707P YSPEITNSETL	457	165
>ATM-S707P LLNNYSSEI	33	>ATM-S707P LLNNYSPEI	13	20
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>ATM-S707P LLNNYSSEIT	501	>ATM-S707P LLNNYSPEIT	497	4
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>ATM-S707P LLNNYSSEIT	548	>ATM-S707P LLNNYSPEIT	283	265
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>ATM-S707P LLNNYSSEI	40	>ATM-S707P LLNNYSPEI	11	29
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>ATM-S707P LLNNYSSEI	150	>ATM-S707P LLNNYSPEI	404	254
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>ATM-S707P QLLNNYSSEI	46	>ATM-S707P QLLNNYSPEI	102	56
>ATM-S707P QLLNNYSSEI	48	>ATM-S707P QLLNNYSPEI	167	119
>ATM-S707P QLLNNYSSEI	454	>ATM-S707P QLLNNYSPEI	248	206
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>ATM-S707P QLLNNYSSEI	34	>ATM-S707P QLLNNYSPEI	22	12
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>ATM-S707P QLLNNYSSEI	332	>ATM-S707P QLLNNYSPEI	79	253
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>ATM-S978P SNVCSLYRR	397	>ATM-S978P SNVCPLYRR	655	258
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>ATM-T1743 ATKTGHSFW	867	>ATM-T1743 AIKTGHSFWE	101	766
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>ATM-T1743 LATKTGHSFW	138	>ATM-T1743 LAIKTGHSFW	150	12
>ATM-T1743 ILATKTGHSF	73	>ATM-T1743 ILAIKTGHSF	78	5
>ATM-T1743 ILATKTGHSF	209	>ATM-T1743 ILAIKTGHSF	236	27
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>ATM-T1743 CLKNILATK	52	>ATM-T1743 CLKNILAIK	80	28
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>ATM-T1743 VTCLKNILATK	30	>ATM-T1743 VTCLKNILAIK	30	0
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>ATM-T1953 TALLYAEIYA	372	>ATM-T1953 RALLYAEIYA	316	56
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>ATM-T1953 TALLYAEIY	197	>ATM-T1953 RALLYAEIY	700	503
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>ATM-T1953 FTALLYAEI	209	>ATM-T1953 FRALLYAEI	93	116
>ATM-T1953 FTALLYAEIY	31	>ATM-T1953 FRALLYAEIY	5431	5400
>ATM-T1953 FTALLYAEI	171	>ATM-T1953 FRALLYAEI	15024	14853
>ATM-T1953 FTALLYAEIYA	288	>ATM-T1953 FRALLYAEIYA	16232	15944
>ATM-T1953 FTALLYAEI	10	>ATM-T1953 FRALLYAEI	470	460
>ATM-T1953 FTALLYAEIYA	35	>ATM-T1953 FRALLYAEIYA	2216	2181
>ATM-T1953 FTALLYAEI	31	>ATM-T1953 FRALLYAEI	5666	5635
>ATM-T1953 FTALLYAEIYA	261	>ATM-T1953 FRALLYAEIYA	9756	9495
>ATM-T1953 FTALLYAEI	90	>ATM-T1953 FRALLYAEI	3297	3207
>ATM-T1953 FTALLYAEIYA	113	>ATM-T1953 FRALLYAEIYA	6002	5889
>ATM-T1953 FTALLYAEIY	453	>ATM-T1953 FRALLYAEIY	20303	19850
>ATM-T1953 FTALLYAEIY	87	>ATM-T1953 FRALLYAEIY	19803	19716
>ATM-T1953 FTALLYAEIY	129	>ATM-T1953 FRALLYAEIY	1034	905
>ATM-T1953 FTALLYAEIY	382	>ATM-T1953 FRALLYAEIY	6244	5862
>ATM-T1953 FTALLYAEIY	75	>ATM-T1953 FRALLYAEIY	7911	7836
>ATM-T1953 FTALLYAEI	5	>ATM-T1953 FRALLYAEI	1651	1646
>ATM-T1953 FTALLYAEIYA	10	>ATM-T1953 FRALLYAEIYA	4618	4608
>ATM-T1953 FTALLYAEI	32	>ATM-T1953 FRALLYAEI	13461	13429
>ATM-T1953 FTALLYAEIYA	265	>ATM-T1953 FRALLYAEIYA	17131	16866
>ATM-T1953 FTALLYAEIY	442	>ATM-T1953 FRALLYAEIY	5574	5132

>ATM-T1953 FTALLYAEIY	584	>ATM-T1953 FRALLYAEIY	121	463
>ATM-T1953 FTALLYAEI	147	>ATM-T1953 FRALLYAEI	26737	26590
>ATM-T1953 FTALLYAEIY	15	>ATM-T1953 FRALLYAEIY	25802	25787
>ATM-T1953 FTALLYAEI	18924	>ATM-T1953 FRALLYAEI	87	18837
>ATM-T1953 FTALLYAEIY	21218	>ATM-T1953 FRALLYAEIY	75	21143
>ATM-T1953 FTALLYAEI	12887	>ATM-T1953 FRALLYAEI	392	12495
>ATM-T1953 FTALLYAEI	440	>ATM-T1953 FRALLYAEI	21306	20866
>ATM-T1953 FTALLYAEIY	151	>ATM-T1953 FRALLYAEIY	20539	20388
>ATM-T1953 FTALLYAEI	94	>ATM-T1953 FRALLYAEI	30705	30611
>ATM-T1953 FTALLYAEI	352	>ATM-T1953 FRALLYAEI	15141	14789
>ATM-T1953 FTALLYAEIY	23	>ATM-T1953 FRALLYAEIY	2339	2316
>ATM-T1953 FTALLYAEI	22093	>ATM-T1953 FRALLYAEI	443	21650
>ATM-T1953 FTALLYAEI	29818	>ATM-T1953 FRALLYAEI	190	29628
>ATM-T1953 FTALLYAEI	32	>ATM-T1953 FRALLYAEI	4980	4948
>ATM-T1953 KVAQSCAAHI	422	>ATM-T1953 KVAQSCAAHI	16538	16116
>ATM-T1953 KVAQSCAAHI	14715	>ATM-T1953 KVAQSCAAHI	246	14469
>ATM-T1953 KVAQSCAAHI	16624	>ATM-T1953 KVAQSCAAHI	112	16512
>ATM-T1953 KVAQSCAAHI	13414	>ATM-T1953 KVAQSCAAHI	23	13391
>ATM-T1953 KVAQSCAAHI	10240	>ATM-T1953 KVAQSCAAHI	14	10226
>ATM-T1953 KVAQSCAAHI	17482	>ATM-T1953 KVAQSCAAHI	31	17451
>ATM-T1953 HFTALLYAEI	37	>ATM-T1953 HFRALLYAEI	130	93
>ATM-T1953 HFTALLYAEIY	35	>ATM-T1953 HFRALLYAEIY	58	23
>ATM-T1953 HFTALLYA	973	>ATM-T1953 HFRALLYA	6	967
>ATM-T1953 HFTALLYAEI	3147	>ATM-T1953 HFRALLYAEI	9	3138
>ATM-T1953 HFTALLYAEIY	12738	>ATM-T1953 HFRALLYAEIY	348	12390
>ATM-T1953 HFTALLYAEIY	64	>ATM-T1953 HFRALLYAEIY	183	119
>ATM-T1953 HFTALLYAEIY	601	>ATM-T1953 HFRALLYAEIY	268	333
>ATM-T1953 HFTALLYAEIY	459	>ATM-T1953 HFRALLYAEIY	1601	1142
>ATM-T1953 HFTALLYAEIY	62	>ATM-T1953 HFRALLYAEIY	114	52
>ATM-T1953 HFTALLYA	445	>ATM-T1953 HFRALLYA	797	352
>ATM-T1953 AHFTALLYAEI	420	>ATM-T1953 AHFRALLYAE	406	14
>ATM-T1953 AHFTALLY	22	>ATM-T1953 AHFRALLY	39	17
>ATM-T1953 AHFTALLY	394	>ATM-T1953 AHFRALLY	810	416
>ATM-T1953 AHFTALLY	71	>ATM-T1953 AHFRALLY	49	22
>ATM-T1953 AHFTALLY	31	>ATM-T1953 AHFRALLY	37	6
>ATM-T1953 AHFTALLYAEI	157	>ATM-T1953 AHFRALLYAE	185	28
>ATM-T1953 AHFTALLYAEI	254	>ATM-T1953 AHFRALLYAE	879	625
>ATM-T1953 AHFTALLY	311	>ATM-T1953 AHFRALLY	540	229
>ATM-T1953 AAHFTALLY	1390	>ATM-T1953 AAHFRALLY	437	953
>ATM-T1953 AAHFTALLY	178	>ATM-T1953 AAHFRALLY	228	50
>ATM-T1953 AAHFTALLY	14	>ATM-T1953 AAHFRALLY	21	7
>ATM-T1953 AAHFTALL	92	>ATM-T1953 AAHFRALL	107	15
>ATM-T1953 AAHFTALLY	95	>ATM-T1953 AAHFRALLY	165	70

>ATM-T1953 AAHFTALLYA	12	>ATM-T1953 AAHFRALLYA	15	3
>ATM-T1953 AAHFTALLY	295	>ATM-T1953 AAHFRALLY	782	487
>ATM-T1953 AAHFTALLY	12	>ATM-T1953 AAHFRALLY	10	2
>ATM-T1953 AAHFTALLY	351	>ATM-T1953 AAHFRALLY	1438	1087
>ATM-T1953 AAHFTALL	86	>ATM-T1953 AAHFRALL	184	98
>ATM-T1953 AAHFTALLY	7	>ATM-T1953 AAHFRALLY	9	2
>ATM-T1953 AAHFTALLY	126	>ATM-T1953 AAHFRALLY	365	239
>ATM-T1953 AAHFTALLY	339	>ATM-T1953 AAHFRALLY	417	78
>ATM-T1953 CAAHFTALL	97	>ATM-T1953 CAAHFRALL	71	26
>ATM-T1953 CAAHFTAL	247	>ATM-T1953 CAAHFRAL	2208	1961
>ATM-T1953 CAAHFTALL	59	>ATM-T1953 CAAHFRALL	484	425
>ATM-T1953 CAAHFTALLY	84	>ATM-T1953 CAAHFRALLY	170	86
>ATM-T1953 CAAHFTALLY	307	>ATM-T1953 CAAHFRALLY	612	305
>ATM-T1953 CAAHFTAL	96	>ATM-T1953 CAAHFRAL	361	265
>ATM-T1953 CAAHFTALL	20	>ATM-T1953 CAAHFRALL	26	6
>ATM-T1953 CAAHFTALLY	82	>ATM-T1953 CAAHFRALLY	111	29
>ATM-T1953 CAAHFTALLY	14	>ATM-T1953 CAAHFRALLY	49	35
>ATM-T1953 CAAHFTAL	416	>ATM-T1953 CAAHFRAL	960	544
>ATM-T1953 CAAHFTALLY	419	>ATM-T1953 CAAHFRALLY	609	190
>ATM-T1953 CAAHFTALLY	80	>ATM-T1953 CAAHFRALLY	186	106
>ATM-T1953 CAAHFTAL	184	>ATM-T1953 CAAHFRAL	842	658
>ATM-T1953 CAAHFTALL	439	>ATM-T1953 CAAHFRALL	2588	2149
>ATM-T1953 CAAHFTALLY	56	>ATM-T1953 CAAHFRALLY	262	206
>ATM-T1953 CAAHFTALL	39	>ATM-T1953 CAAHFRALL	129	90
>ATM-T1953 CAAHFTAL	100	>ATM-T1953 CAAHFRAL	167	67
>ATM-T1953 CAAHFTALL	39	>ATM-T1953 CAAHFRALL	88	49
>ATM-T1953 SCAAHFTAL	78	>ATM-T1953 SCAAHFRAL	1095	1017
>ATM-T1953 SCAAHFTALL	23	>ATM-T1953 SCAAHFRALL	34	11
>ATM-T1953 SCAAHFTALL	15	>ATM-T1953 SCAAHFRALL	20	5
>ATM-T1953 SCAAHFTAL	53	>ATM-T1953 SCAAHFRAL	58	5
>ATM-T1953 SCAAHFTALL	458	>ATM-T1953 SCAAHFRALL	912	454
>ATM-T1953 SCAAHFTALL	111	>ATM-T1953 SCAAHFRALL	260	149
>ATM-T1953 SCAAHFTALL	466	>ATM-T1953 SCAAHFRALL	701	235
>ATM-T1953 QSCAAHFT	20050	>ATM-T1953 QSCAAHFR	147	19903
>ATM-T1953 QSCAAHFT	17131	>ATM-T1953 QSCAAHFR	23	17108
>ATM-T1953 QSCAAHFT	29337	>ATM-T1953 QSCAAHFR	279	29058
>ATM-T1953 QSCAAHFT	12535	>ATM-T1953 QSCAAHFR	9	12526
>ATM-T1953 QSCAAHFTAL	367	>ATM-T1953 QSCAAHFRAI	469	102
>ATM-T1953 QSCAAHFTAL	451	>ATM-T1953 QSCAAHFRAI	1024	573
>ATM-T1953 QSCAAHFTAL	68	>ATM-T1953 QSCAAHFRAI	129	61
>ATM-T1953 QSCAAHFTAL	30	>ATM-T1953 QSCAAHFRAI	63	33
>ATM-T1953 QSCAAHFTAL	393	>ATM-T1953 QSCAAHFRAI	566	173
>ATM-T1953 QSCAAHFTAL	53	>ATM-T1953 QSCAAHFRAI	104	51

>ATM-T1953 QSCAAHFT	29821	>ATM-T1953 QSCAAHFR	108	29713
>ATM-T1953 QSCAAHFTAL	55	>ATM-T1953 QSCAAHFRAI	81	26
>ATM-T1953 QSCAAHFTAL	264	>ATM-T1953 QSCAAHFRAI	517	253
>ATM-T1953 AQSCAAHFT/	47	>ATM-T1953 AQSCAAHFR/	235	188
>ATM-T1953 AQSCAAHFT/	74	>ATM-T1953 AQSCAAHFR/	273	199
>ATM-T1953 AQSCAAHFT	100	>ATM-T1953 AQSCAAHFR	6935	6835
>ATM-T1953 AQSCAAHFT/	9	>ATM-T1953 AQSCAAHFR/	34	25
>ATM-T1953 AQSCAAHFT	19625	>ATM-T1953 AQSCAAHFR	206	19419
>ATM-T1953 AQSCAAHFT	19784	>ATM-T1953 AQSCAAHFR	49	19735
>ATM-T1953 AQSCAAHFT	35986	>ATM-T1953 AQSCAAHFR	382	35604
>ATM-T1953 AQSCAAHFT/	457	>ATM-T1953 AQSCAAHFR/	1282	825
>ATM-T1953 AQSCAAHFT/	88	>ATM-T1953 AQSCAAHFR/	118	30
>ATM-T1953 AQSCAAHFT/	355	>ATM-T1953 AQSCAAHFR/	1949	1594
>ATM-T1953 AQSCAAHFT/	11	>ATM-T1953 AQSCAAHFR/	15	4
>ATM-T1953 AQSCAAHFT/	46	>ATM-T1953 AQSCAAHFR/	92	46
>ATM-T1953 AQSCAAHFT/	108	>ATM-T1953 AQSCAAHFR/	257	149
>ATM-T1953 AQSCAAHFT	31870	>ATM-T1953 AQSCAAHFR	276	31594
>ATM-T1953 VAQSCAAHF	15100	>ATM-T1953 VAQSCAAHFI	31	15069
>ATM-T1953 VAQSCAAHF	19969	>ATM-T1953 VAQSCAAHFI	77	19892
>ATM-T1953 VAQSCAAHF	33632	>ATM-T1953 VAQSCAAHFI	103	33529
>ATM-T1953 VAQSCAAHF	34383	>ATM-T1953 VAQSCAAHFI	386	33997
>ATM-T2396 TQYQRIENYM	330	>ATM-T2396 SQYQRIENYM	172	158
>ATM-T2396 TQYQRIENYM	320	>ATM-T2396 SQYQRIENYM	292	28
>ATM-T2396 TQYQRIENYM	29	>ATM-T2396 SQYQRIENYM	19	10
>ATM-T2396 TQYQRIENYM	369	>ATM-T2396 SQYQRIENYM	1122	753
>ATM-T2396 TQYQRIENY	57	>ATM-T2396 SQYQRIENY	39	18
>ATM-T2396 TQYQRIENYM	272	>ATM-T2396 SQYQRIENYM	118	154
>ATM-T2396 TQYQRIENY	115	>ATM-T2396 SQYQRIENY	82	33
>ATM-T2396 TQYQRIENY	22	>ATM-T2396 SQYQRIENY	9	13
>ATM-T2396 TQYQRIENYM	105	>ATM-T2396 SQYQRIENYM	35	70
>ATM-T2396 TQYQRIENYM	1321	>ATM-T2396 SQYQRIENYM	433	888
>ATM-T2396 TQYQRIENYM	620	>ATM-T2396 SQYQRIENYM	488	132
>ATM-T2396 DTQYQRIENY	131	>ATM-T2396 DSQYQRIENY	260	129
>ATM-T2396 DTQYQRIENY	439	>ATM-T2396 DSQYQRIENY	9505	9066
>ATM-T2396 DTQYQRIENY	21	>ATM-T2396 DSQYQRIENY	143	122
>ATM-T2396 DTQYQRIENY	68	>ATM-T2396 DSQYQRIENY	620	552
>ATM-T2396 DTQYQRIENY	215	>ATM-T2396 DSQYQRIENY	215	0
>ATM-T2396 DTQYQRIENY	79	>ATM-T2396 DSQYQRIENY	155	76
>ATM-T2396 SDTQYQRI	65	>ATM-T2396 SDSQYQRI	103	38
>ATM-T2396 FSDTQYQR	156	>ATM-T2396 FSQYQRI	108	48
>ATM-T2396 FSDTQYQRI	195	>ATM-T2396 FSDSQYQRI	106	89
>ATM-T2396 RFSQYQRI	55	>ATM-T2396 RFSQYQRI	64	9
>ATM-T2396 RFSQYQRI	6	>ATM-T2396 RFSQYQRI	7	1

>ATM-T2396 RFSDTQYQ	373	>ATM-T2396 RFSDSQYQ	867	494
>ATM-T2396 RFSDTQYQR	14	>ATM-T2396 RFSDSQYQR	16	2
>ATM-T2396 ARFSDTQY	814	>ATM-T2396 ARFSDSQY	338	476
>ATM-T2396 ARFSDTQY	11	>ATM-T2396 ARFSDSQY	9	2
>ATM-T2396 ARFSDTQYQ	539	>ATM-T2396 ARFSDSQYQ	394	145
>ATM-T2396 ARFSDTQYQF	414	>ATM-T2396 ARFSDSQYQF	295	119
>ATM-T2396 ARFSDTQYQF	60	>ATM-T2396 ARFSDSQYQF	45	15
>ATM-T2396 ARFSDTQY	112	>ATM-T2396 ARFSDSQY	135	23
>ATM-T2396 ARFSDTQYQF	58	>ATM-T2396 ARFSDSQYQF	86	28
>ATM-T2396 ARFSDTQYQF	90	>ATM-T2396 ARFSDSQYQF	82	8
>ATM-T2396 ARFSDTQYQF	454	>ATM-T2396 ARFSDSQYQF	771	317
>ATM-T2396 LARFSDTQYC	570	>ATM-T2396 LARFSDSQYC	350	220
>ATM-T2396 LARFSDTQYC	608	>ATM-T2396 LARFSDSQYC	474	134
>ATM-T2396 LARFSDTQY	1934	>ATM-T2396 LARFSDSQY	406	1528
>ATM-T2396 LARFSDTQYC	29	>ATM-T2396 LARFSDSQYC	35	6
>ATM-T2396 LARFSDTQYC	147	>ATM-T2396 LARFSDSQYC	149	2
>ATM-T2396 LARFSDTQYC	78	>ATM-T2396 LARFSDSQYC	66	12
>ATM-T2396 LARFSDTQY	84	>ATM-T2396 LARFSDSQY	74	10
>ATM-T2396 LARFSDTQY	1445	>ATM-T2396 LARFSDSQY	463	982
>ATM-T2396 LARFSDTQY	162	>ATM-T2396 LARFSDSQY	120	42
>ATM-T2396 LARFSDTQY	4	>ATM-T2396 LARFSDSQY	3	1
>ATM-T2396 LARFSDTQY	38	>ATM-T2396 LARFSDSQY	40	2
>ATM-T2396 LARFSDTQY	42	>ATM-T2396 LARFSDSQY	10	32
>ATM-T2396 SLARFSDT	498	>ATM-T2396 SLARFSDS	1349	851
>ATM-T2396 SLARFSDTQ	391	>ATM-T2396 SLARFSDSQ	140	251
>ATM-T2396 SLARFSDTQY	101	>ATM-T2396 SLARFSDSQY	110	9
>ATM-T2396 SLARFSDT	305	>ATM-T2396 SLARFSDS	2034	1729
>ATM-T2396 SLARFSDTQY	449	>ATM-T2396 SLARFSDSQY	519	70
>ATM-T2396 SLARFSDTQY	316	>ATM-T2396 SLARFSDSQY	373	57
>ATM-T2396 SLARFSDT	162	>ATM-T2396 SLARFSDS	2049	1887
>ATM-T2396 SLARFSDTQ	278	>ATM-T2396 SLARFSDSQ	320	42
>ATM-T2396 SLARFSDTQY	43	>ATM-T2396 SLARFSDSQY	55	12
>ATM-T2396 SLARFSDTQY	148	>ATM-T2396 SLARFSDSQY	209	61
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>ATM-T2396 SLARFSDTQY	122	>ATM-T2396 SLARFSDSQY	95	27
>ATM-T2396 SLARFSDTQY	93	>ATM-T2396 SLARFSDSQY	77	16
>ATM-T2396 SLARFSDTQY	54	>ATM-T2396 SLARFSDSQY	33	21
>ATM-T2396 SLARFSDTQY	475	>ATM-T2396 SLARFSDSQY	358	117
>ATM-T2396 SLARFSDTQY	154	>ATM-T2396 SLARFSDSQY	139	15
>ATM-T2396 SLARFSDTQY	283	>ATM-T2396 SLARFSDSQY	308	25
>ATM-T2396 LSLARFSDTQ'	144	>ATM-T2396 LSLARFSDSQ'	118	26
>ATM-T2396 LSLARFSDTQ'	638	>ATM-T2396 LSLARFSDSQ'	220	418
>ATM-T2396 LSLARFSDTQ'	123	>ATM-T2396 LSLARFSDSQ'	107	16

>ATM-T2396 LSLARFSDTQ'	74	>ATM-T2396 LSLARFSDSQ'	62	12
>ATM-T2396 LSLARFSDTQ'	4	>ATM-T2396 LSLARFSDSQ'	4	0
>ATM-T2396 LSLARFSDTQ'	125	>ATM-T2396 LSLARFSDSQ'	166	41
>ATM-T2396 LSLARFSDTQ'	16	>ATM-T2396 LSLARFSDSQ'	7	9
>ATM-T2396 FLSLARFSDT	156	>ATM-T2396 FLSLARFSDS	1249	1093
>ATM-T2396 FLSLARFSDTQ	84	>ATM-T2396 FLSLARFSDSC	42	42
>ATM-T2396 FLSLARFSDT	81	>ATM-T2396 FLSLARFSDS	1260	1179
>ATM-T2396 FLSLARFSDT	44	>ATM-T2396 FLSLARFSDS	633	589
>ATM-T2396 FLSLARFSDTQ	66	>ATM-T2396 FLSLARFSDSC	75	9
>ATM-T2438 TVKVQREL	1091	>ATM-T2438 KVKVQREL	19	1072
>ATM-T2438 TVKVQRELEL	1104	>ATM-T2438 KVKVQRELEL	23	1081
>ATM-T2438 YTVKVQREL	276	>ATM-T2438 YKVKVQREL	22604	22328
>ATM-T2438 YTVKVQREL	113	>ATM-T2438 YKVKVQREL	14374	14261
>ATM-T2438 YTVKVQRELE	409	>ATM-T2438 YKVKVQRELE	16930	16521
>ATM-T2438 YTVKVQREL	2171	>ATM-T2438 YKVKVQREL	46	2125
>ATM-T2438 YTVKVQRELE	1933	>ATM-T2438 YKVKVQRELE	39	1894
>ATM-T2438 YTVKVQREL	75	>ATM-T2438 YKVKVQREL	25475	25400
>ATM-T2438 YTVKVQRELE	22	>ATM-T2438 YKVKVQRELE	20578	20556
>ATM-T2438 YTVKVQRELE	6313	>ATM-T2438 YKVKVQRELE	259	6054
>ATM-T2438 YTVKVQREL	81	>ATM-T2438 YKVKVQREL	8201	8120
>ATM-T2438 YTVKVQRELE	118	>ATM-T2438 YKVKVQRELE	10113	9995
>ATM-T2438 YTVKVQREL	172	>ATM-T2438 YKVKVQREL	876	704
>ATM-T2438 REHKIQTNRY	10228	>ATM-T2438 REHKIQTNRY	96	10132
>ATM-T2438 REHKIQTNRY	63	>ATM-T2438 REHKIQTNRY	884	821
>ATM-T2438 REHKIQTNRY	84	>ATM-T2438 REHKIQTNRY	1498	1414
>ATM-T2438 REHKIQTNRY	471	>ATM-T2438 REHKIQTNRY	2923	2452
>ATM-T2438 RYTVKVQREL	300	>ATM-T2438 RYKVKVQREL	687	387
>ATM-T2438 RYTVKVQREL	10	>ATM-T2438 RYKVKVQREL	13	3
>ATM-T2438 RYTVKVQR	3891	>ATM-T2438 RYKVKVQR	44	3847
>ATM-T2438 RYTVKVQREL	2635	>ATM-T2438 RYKVKVQREL	24	2611
>ATM-T2438 RYTVKVQR	10	>ATM-T2438 RYKVKVQR	5	5
>ATM-T2438 RYTVKVQR	826	>ATM-T2438 RYKVKVQR	341	485
>ATM-T2438 RYTVKVQR	28	>ATM-T2438 RYKVKVQR	31	3
>ATM-T2438 NRYTVKVQR	258	>ATM-T2438 NRYKVKVQR	307	49
>ATM-T2438 NRYTVKVQR	196	>ATM-T2438 NRYKVKVQR	153	43
>ATM-T2438 NRYTVKVQRI	209	>ATM-T2438 NRYKVKVQRI	160	49
>ATM-T2438 NRYTVKVQRI	125	>ATM-T2438 NRYKVKVQRI	228	103
>ATM-T2438 NRYTVKVQ	523	>ATM-T2438 NRYKVKVQ	366	157
>ATM-T2438 NRYTVKVQR	523	>ATM-T2438 NRYKVKVQR	342	181
>ATM-T2438 NRYTVKVQRI	397	>ATM-T2438 NRYKVKVQRI	285	112
>ATM-T2438 NRYTVKVQRI	419	>ATM-T2438 NRYKVKVQRI	305	114
>ATM-T2438 NRYTVKVQRI	60	>ATM-T2438 NRYKVKVQRI	63	3
>ATM-T2438 NRYTVKVQRI	25	>ATM-T2438 NRYKVKVQRI	28	3



>ATM-T2438 NRYTVKVKQR	321	>ATM-T2438 NRYKVKVQR	318	3
>ATM-T2438 QTNRYTVK	181	>ATM-T2438 QTNRYKVK	812	631
>ATM-T2438 QTNRYTVK	32	>ATM-T2438 QTNRYKVK	94	62
>ATM-T2438 QTNRYTVKVK	297	>ATM-T2438 QTNRYKVKVK	673	376
>ATM-T2438 QTNRYTVK	72	>ATM-T2438 QTNRYKVK	88	16
>ATM-T2438 QTNRYTVK	153	>ATM-T2438 QTNRYKVK	337	184
>ATM-T2438 QTNRYTVKVK	12	>ATM-T2438 QTNRYKVKVK	11	1
>ATM-T2438 QTNRYTVKV	239	>ATM-T2438 QTNRYKVKV	2090	1851
>ATM-T2438 QTNRYTVKVK	473	>ATM-T2438 QTNRYKVKVK	455	18
>ATM-T2438 QTNRYTVK	75	>ATM-T2438 QTNRYKVK	334	259
>ATM-T2438 QTNRYTVKVK	12	>ATM-T2438 QTNRYKVKVK	19	7
>ATM-T2438 QTNRYTVKV	15	>ATM-T2438 QTNRYKVKV	56	41
>ATM-T2438 QTNRYTVKV	23	>ATM-T2438 QTNRYKVKV	134	111
>ATM-T2438 QTNRYTVK	476	>ATM-T2438 QTNRYKVK	557	81
>ATM-T2438 IQTNRYTV	318	>ATM-T2438 IQTNRYKV	1209	891
>ATM-T2438 IQTNRYTV	17	>ATM-T2438 IQTNRYKV	160	143
>ATM-T2438 IQTNRYTV	340	>ATM-T2438 IQTNRYKV	1105	765
>ATM-T2438 IQTNRYTV	464	>ATM-T2438 IQTNRYKV	3278	2814
>ATM-T2438 IQTNRYTV	299	>ATM-T2438 IQTNRYKV	1155	856
>ATM-T2438 IQTNRYTVKV	441	>ATM-T2438 IQTNRYKVKV	1476	1035
>ATM-T2438 IQTNRYTVK	401	>ATM-T2438 IQTNRYKVK	2460	2059
>ATM-T2438 IQTNRYTVK	429	>ATM-T2438 IQTNRYKVK	2084	1655
>ATM-T2438 IQTNRYTVK	335	>ATM-T2438 IQTNRYKVK	1424	1089
>ATM-T2438 IQTNRYTV	106	>ATM-T2438 IQTNRYKV	341	235
>ATM-T2438 IQTNRYTVK	193	>ATM-T2438 IQTNRYKVK	446	253
>ATM-T2438 IQTNRYTVKV	91	>ATM-T2438 IQTNRYKVKV	195	104
>ATM-T2438 KIQTNRYSV	400	>ATM-T2438 KIQTNRYSV	1266	866
>ATM-T2438 KIQTNRYSVK	399	>ATM-T2438 KIQTNRYSVK	1937	1538
>ATM-T2438 KIQTNRYSV	111	>ATM-T2438 KIQTNRYSV	399	288
>ATM-T2438 KIQTNRYSVK	138	>ATM-T2438 KIQTNRYSVK	310	172
>ATM-T2438 KIQTNRYSV	18	>ATM-T2438 KIQTNRYSV	150	132
>ATM-T2438 KIQTNRYSVK	98	>ATM-T2438 KIQTNRYSVK	421	323
>ATM-T2438 KIQTNRYSV	17	>ATM-T2438 KIQTNRYSV	34	17
>ATM-T2438 KIQTNRYSVK	18	>ATM-T2438 KIQTNRYSVK	32	14
>ATM-T2438 KIQTNRYS	20835	>ATM-T2438 KIQTNRYS	116	20719
>ATM-T2438 KIQTNRYSVK	55	>ATM-T2438 KIQTNRYSVK	132	77
>ATM-T2438 KIQTNRYS	20726	>ATM-T2438 KIQTNRYS	34	20692
>ATM-T2438 KIQTNRYSVK	96	>ATM-T2438 KIQTNRYSVK	335	239
>ATM-T2438 KIQTNRYS	3505	>ATM-T2438 KIQTNRYS	11	3494
>ATM-T2438 KIQTNRYSV	464	>ATM-T2438 KIQTNRYSV	1194	730
>ATM-T2438 KIQTNRYSVK	29	>ATM-T2438 KIQTNRYSVK	24	5
>ATM-T2438 KIQTNRYS	9672	>ATM-T2438 KIQTNRYS	56	9616
>ATM-T2438 KIQTNRYSVK	338	>ATM-T2438 KIQTNRYSVK	474	136

>ATM-T2438 KIQTNRYTV	69	>ATM-T2438 KIQTNRYKV	578	509
>ATM-T2438 KIQTNRYTVK	217	>ATM-T2438 KIQTNRYKVK	1103	886
>ATM-T2438 KIQTNRYT	9606	>ATM-T2438 KIQTNRYK	217	9389
>ATM-T2438 HKIQTNRYTV	87	>ATM-T2438 HKIQTNRYKV	257	170
>ATM-T2438 HKIQTNRYTV	260	>ATM-T2438 HKIQTNRYKV	356	96
>ATM-T2438 HKIQTNRYTV	146	>ATM-T2438 HKIQTNRYKV	1532	1386
>ATM-T2666 VVPTMEIKV	1047	>ATM-T2666 VVPAMEIKV	414	633
>ATM-T2666 VVPTMEIKV	50	>ATM-T2666 VVPAMEIKV	25	25
>ATM-T2666 VVPTMEIK	284	>ATM-T2666 VVPAMEIK	198	86
>ATM-T2666 VVVPTMEI	350	>ATM-T2666 VVVPAMEI	502	152
>ATM-T2666 VVVPTMEI	46	>ATM-T2666 VVVPAMEI	40	6
>ATM-T2666 VVVPTMEIKV	335	>ATM-T2666 VVVPAMEIKV	668	333
>ATM-T2666 VVVPTMEIKV	268	>ATM-T2666 VVVPAMEIKV	386	118
>ATM-T2666 VVVPTMEIKV	374	>ATM-T2666 VVVPAMEIKV	352	22
>ATM-T2666 VVVPTMEIKV	17	>ATM-T2666 VVVPAMEIKV	16	1
>ATM-T2666 VVVPTMEIK	46	>ATM-T2666 VVVPAMEIK	62	16
>ATM-T2666 VVVPTMEIK	330	>ATM-T2666 VVVPAMEIK	357	27
>ATM-T2666 VVVPTMEI	88	>ATM-T2666 VVVPAMEI	67	21
>ATM-T2666 VVVPTMEI	442	>ATM-T2666 VVVPAMEI	343	99
>ATM-T2666 DVVVPTMEIK	43	>ATM-T2666 DVVVPAMEIK	41	2
>ATM-T2666 DVVVPTMEI	10	>ATM-T2666 DVVVPAMEI	22	12
>ATM-T2666 DVVVPTMEIK	47	>ATM-T2666 DVVVPAMEIK	58	11
>ATM-T2666 DVVVPTMEI	23	>ATM-T2666 DVVVPAMEI	31	8
>ATM-T2666 DVVVPTMEIK	71	>ATM-T2666 DVVVPAMEIK	67	4
>ATM-T2666 EDVVVPTME	130	>ATM-T2666 EDVVPAME	91	39
>ATM-T2666 LEDVVVPTMI	34	>ATM-T2666 LEDVVPAM	38	4
>ATM-T2666 LEDVVVPTM	145	>ATM-T2666 LEDVVPAM	104	41
>ATM-T2666 LEDVVVPTM	137	>ATM-T2666 LEDVVPAM	109	28
>ATM-T2666 LEDVVVPTMI	112	>ATM-T2666 LEDVVPAM	80	32
>ATM-T2666 LEDVVVPTM	85	>ATM-T2666 LEDVVPAM	60	25
>ATM-T2666 LEDVVVPTMI	16	>ATM-T2666 LEDVVPAM	28	12
>ATM-T2666 NLEDVVVPT	2176	>ATM-T2666 NLEDVVVPA	236	1940
>ATM-T2666 NLEDVVVPT	275	>ATM-T2666 NLEDVVVPA	37	238
>ATM-T2666 NLEDVVVPT	767	>ATM-T2666 NLEDVVVPA	54	713
>ATM-T2666 NLEDVVVPT	1571	>ATM-T2666 NLEDVVVPA	213	1358
>ATM-T2666 NLEDVVVPT	401	>ATM-T2666 NLEDVVVPA	49	352
>ATM-T2666 NLEDVVVPTM	99	>ATM-T2666 NLEDVVVPA	135	36
>ATM-T2666 NLEDVVVPT	1708	>ATM-T2666 NLEDVVVPA	96	1612
>ATM-T2666 NLEDVVVPTM	235	>ATM-T2666 NLEDVVVPA	402	167
>ATM-T2666 NLEDVVVPT	457	>ATM-T2666 NLEDVVVPA	37	420
>ATM-T2666 NLEDVVVPTM	141	>ATM-T2666 NLEDVVVPA	418	277
>ATM-T2666 NLEDVVVPT	3703	>ATM-T2666 NLEDVVVPA	492	3211
>ATM-T2947 TIVEVLLYDPL	523	>ATM-T2947 SIVEVLLYDPL	465	58

>ATM-T2947 TIVEVLLYDPL	392	>ATM-T2947 SIVEVLLYDPL	158	234
>ATM-T2947 TIVEVLLYDPL	66	>ATM-T2947 SIVEVLLYDPL	31	35
>ATM-T2947 TIVEVLLYDPL	141	>ATM-T2947 SIVEVLLYDPL	85	56
>ATM-T2947 TIVEVLLYDPL	24	>ATM-T2947 SIVEVLLYDPL	14	10
>ATM-T2947 TIVEVLLYDPL	156	>ATM-T2947 SIVEVLLYDPL	38	118
>ATM-T2947 TIVEVLLYDPL	1077	>ATM-T2947 SIVEVLLYDPL	302	775
>ATM-T2947 TIVEVLLYDPL	623	>ATM-T2947 SIVEVLLYDPL	84	539
>ATM-T2947 TIVEVLLYDPL	1183	>ATM-T2947 SIVEVLLYDPL	316	867
>ATM-T2947 TIVEVLLY	239	>ATM-T2947 SIVEVLLY	134	105
>ATM-T2947 TIVEVLLY	44	>ATM-T2947 SIVEVLLY	61	17
>ATM-T2947 TIVEVLLY	41	>ATM-T2947 SIVEVLLY	44	3
>ATM-T2947 TIVEVLLYDPL	175	>ATM-T2947 SIVEVLLYDPL	195	20
>ATM-T2947 TIVEVLLY	17	>ATM-T2947 SIVEVLLY	16	1
>ATM-T2947 TIVEVLLY	897	>ATM-T2947 SIVEVLLY	494	403
>ATM-T2947 TIVEVLLYDPL	26	>ATM-T2947 SIVEVLLYDPL	70	44
>ATM-T2947 TIVEVLLYDPL	64	>ATM-T2947 SIVEVLLYDPL	96	32
>ATM-T2947 TIVEVLLY	20	>ATM-T2947 SIVEVLLY	9	11
>ATM-T2947 TIVEVLLY	1103	>ATM-T2947 SIVEVLLY	448	655
>ATM-T2947 LTIVEVLLY	51	>ATM-T2947 LSIVEVLLY	72	21
>ATM-T2947 LTIVEVLLY	239	>ATM-T2947 LSIVEVLLY	918	679
>ATM-T2947 LTIVEVLLY	277	>ATM-T2947 LSIVEVLLY	4969	4692
>ATM-T2947 LTIVEVLLY	52	>ATM-T2947 LSIVEVLLY	412	360
>ATM-T2947 LTIVEVLLY	8	>ATM-T2947 LSIVEVLLY	16	8
>ATM-T2947 LTIVEVLLY	373	>ATM-T2947 LSIVEVLLY	391	18
>ATM-T2947 LTIVEVLLY	10	>ATM-T2947 LSIVEVLLY	49	39
>ATM-T2947 LTIVEVLLY	170	>ATM-T2947 LSIVEVLLY	136	34
>ATM-T2947 LTIVEVLLY	827	>ATM-T2947 LSIVEVLLY	271	556
>ATM-T2947 LTIVEVLL	35	>ATM-T2947 LSIVEVLL	52	17
>ATM-T2947 LTIVEVLLY	4	>ATM-T2947 LSIVEVLLY	4	0
>ATM-T2947 LTIVEVLLY	810	>ATM-T2947 LSIVEVLLY	385	425
>ATM-T2947 LTIVEVLL	346	>ATM-T2947 LSIVEVLL	174	172
>ATM-T2947 LTIVEVLLY	28	>ATM-T2947 LSIVEVLLY	22	6
>ATM-T2947 LTIVEVLL	282	>ATM-T2947 LSIVEVLL	847	565
>ATM-T2947 LTIVEVLLY	73	>ATM-T2947 LSIVEVLLY	213	140
>ATM-T2947 LTIVEVLLY	482	>ATM-T2947 LSIVEVLLY	812	330
>ATM-T2947 LLTIVEVLLY	525	>ATM-T2947 LLSIVEVLLY	183	342
>ATM-T2947 LLTIVEVL	887	>ATM-T2947 LLSIVEVL	444	443
>ATM-T2947 LLTIVEVLL	531	>ATM-T2947 LLSIVEVLL	238	293
>ATM-T2947 LLTIVEVL	90	>ATM-T2947 LLSIVEVL	20	70
>ATM-T2947 LLTIVEVLL	57	>ATM-T2947 LLSIVEVLL	12	45
>ATM-T2947 LLTIVEVL	742	>ATM-T2947 LLSIVEVL	207	535
>ATM-T2947 LLTIVEVL	28	>ATM-T2947 LLSIVEVL	23	5
>ATM-T2947 LLTIVEVLL	60	>ATM-T2947 LLSIVEVLL	44	16

>ATM-T2947 LLTIVEVL	348	>ATM-T2947 LLSIVEVL	253	95
>ATM-T2947 LLTIVEVL	41	>ATM-T2947 LLSIVEVL	52	11
>ATM-T2947 LLTIVEVLL	25	>ATM-T2947 LLSIVEVLL	31	6
>ATM-T2947 LLTIVEVL	597	>ATM-T2947 LLSIVEVL	198	399
>ATM-T2947 LLTIVEVL	6	>ATM-T2947 LLSIVEVL	7	1
>ATM-T2947 LLTIVEVLL	7	>ATM-T2947 LLSIVEVLL	7	0
>ATM-T2947 LLTIVEVLLY	160	>ATM-T2947 LLSIVEVLLY	70	90
>ATM-T2947 LLTIVEVLLY	568	>ATM-T2947 LLSIVEVLLY	196	372
>ATM-T2947 LLTIVEVLLY	29	>ATM-T2947 LLSIVEVLLY	35	6
>ATM-T2947 LLTIVEVLLY	2126	>ATM-T2947 LLSIVEVLLY	300	1826
>ATM-T2947 LLTIVEVLLY	131	>ATM-T2947 LLSIVEVLLY	103	28
>ATM-T2947 TLLTIVEV	9	>ATM-T2947 TLLSIVEV	9	0
>ATM-T2947 TLLTIVEVL	58	>ATM-T2947 TLLSIVEVL	41	17
>ATM-T2947 TLLTIVEVLL	107	>ATM-T2947 TLLSIVEVLL	80	27
>ATM-T2947 TLLTIVEV	15	>ATM-T2947 TLLSIVEV	9	6
>ATM-T2947 TLLTIVEVL	50	>ATM-T2947 TLLSIVEVL	27	23
>ATM-T2947 TLLTIVEVLL	36	>ATM-T2947 TLLSIVEVLL	19	17
>ATM-T2947 TLLTIVEV	25	>ATM-T2947 TLLSIVEV	15	10
>ATM-T2947 TLLTIVEVL	342	>ATM-T2947 TLLSIVEVL	184	158
>ATM-T2947 TLLTIVEVLL	317	>ATM-T2947 TLLSIVEVLL	191	126
>ATM-T2947 TLLTIVEV	22	>ATM-T2947 TLLSIVEV	16	6
>ATM-T2947 TLLTIVEVL	352	>ATM-T2947 TLLSIVEVL	267	85
>ATM-T2947 TLLTIVEVLL	488	>ATM-T2947 TLLSIVEVLL	486	2
>ATM-T2947 TLLTIVEV	2	>ATM-T2947 TLLSIVEV	2	0
>ATM-T2947 TLLTIVEVL	10	>ATM-T2947 TLLSIVEVL	5	5
>ATM-T2947 TLLTIVEVLL	20	>ATM-T2947 TLLSIVEVLL	10	10
>ATM-T2947 TLLTIVEV	5	>ATM-T2947 TLLSIVEV	4	1
>ATM-T2947 TLLTIVEVL	32	>ATM-T2947 TLLSIVEVL	26	6
>ATM-T2947 TLLTIVEVLL	90	>ATM-T2947 TLLSIVEVLL	75	15
>ATM-T2947 TLLTIVEV	5	>ATM-T2947 TLLSIVEV	4	1
>ATM-T2947 TLLTIVEVL	33	>ATM-T2947 TLLSIVEVL	18	15
>ATM-T2947 TLLTIVEVLL	22	>ATM-T2947 TLLSIVEVLL	14	8
>ATM-T2947 TLLTIVEV	2	>ATM-T2947 TLLSIVEV	2	0
>ATM-T2947 TLLTIVEVL	6	>ATM-T2947 TLLSIVEVL	5	1
>ATM-T2947 TLLTIVEVLL	52	>ATM-T2947 TLLSIVEVLL	30	22
>ATM-T2947 TLLTIVEV	2	>ATM-T2947 TLLSIVEV	2	0
>ATM-T2947 TLLTIVEVL	18	>ATM-T2947 TLLSIVEVL	11	7
>ATM-T2947 TLLTIVEVLL	16	>ATM-T2947 TLLSIVEVLL	11	5
>ATM-T2947 TLLTIVEVLLY	462	>ATM-T2947 TLLSIVEVLLY	430	32
>ATM-T2947 TLLTIVEVLLY	473	>ATM-T2947 TLLSIVEVLLY	383	90
>ATM-T2947 TLLTIVEVLLY	16	>ATM-T2947 TLLSIVEVLLY	13	3
>ATM-T2947 TLLTIVEVLLY	494	>ATM-T2947 TLLSIVEVLLY	259	235
>ATM-T2947 TLLTIVEVL	242	>ATM-T2947 TLLSIVEVL	198	44

>ATM-T2947 TLLTIVEV	128	>ATM-T2947 TLLSIVEV	96	32
>ATM-T2947 TLLTIVEV	45	>ATM-T2947 TLLSIVEV	28	17
>ATM-T2947 TLLTIVEVLLY	9	>ATM-T2947 TLLSIVEVLLY	8	1
>ATM-T2947 TLLTIVEVL	511	>ATM-T2947 TLLSIVEVL	422	89
>ATM-T2947 TLLTIVEVLLY	963	>ATM-T2947 TLLSIVEVLLY	374	589
>ATM-T2947 ETLLTIVEV	135	>ATM-T2947 ETLLSIVEV	286	151
>ATM-T2947 ETLLTIVEV	204	>ATM-T2947 ETLLSIVEV	479	275
>ATM-T2947 ETLLTIVEV	437	>ATM-T2947 ETLLSIVEV	745	308
>ATM-T2947 ETLLTIVEVL	35	>ATM-T2947 ETLLSIVEVL	30	5
>ATM-T2947 ETLLTIVEV	10	>ATM-T2947 ETLLSIVEV	7	3
>ATM-T2947 ETLLTIVEVL	573	>ATM-T2947 ETLLSIVEVL	386	187
>ATM-T2947 ETLLTIVEVLL	91	>ATM-T2947 ETLLSIVEVLL	54	37
>ATM-T2947 ETLLTIVEV	4	>ATM-T2947 ETLLSIVEV	5	1
>ATM-T2947 ETLLTIVEVL	44	>ATM-T2947 ETLLSIVEVL	49	5
>ATM-T2947 ETLLTIVEVLL	54	>ATM-T2947 ETLLSIVEVLL	65	11
>ATM-T2947 ETLLTIVEV	1241	>ATM-T2947 ETLLSIVEV	467	774
>ATM-T2947 ETLLTIVEVL	237	>ATM-T2947 ETLLSIVEVL	103	134
>ATM-T2947 ETLLTIVEVLL	265	>ATM-T2947 ETLLSIVEVLL	123	142
>ATM-T2947 QETLLTIV	28	>ATM-T2947 QETLLSIV	27	1
>ATM-T2947 QETLLTIVEV	30	>ATM-T2947 QETLLSIVEV	42	12
>ATM-T2947 QETLLTIVEVL	72	>ATM-T2947 QETLLSIVEVL	117	45
>ATM-T2947 QETLLTIV	455	>ATM-T2947 QETLLSIV	500	45
>ATM-T2947 QETLLTIVEV	1218	>ATM-T2947 QETLLSIVEV	498	720
>ATM-T2947 QETLLTIVEVL	28	>ATM-T2947 QETLLSIVEVL	26	2
>ATM-T2947 QETLLTIV	358	>ATM-T2947 QETLLSIV	421	63
>ATM-T2947 QETLLTIVEV	176	>ATM-T2947 QETLLSIVEV	132	44
>ATM-T2947 QETLLTIVEVL	173	>ATM-T2947 QETLLSIVEVL	166	7
>ATM-T2947 QETLLTIVEV	641	>ATM-T2947 QETLLSIVEV	277	364
>ATM-T2947 QETLLTIVEV	487	>ATM-T2947 QETLLSIVEV	294	193
>ATM-T2947 QETLLTIV	267	>ATM-T2947 QETLLSIV	309	42
>ATM-T2947 QETLLTIVEV	401	>ATM-T2947 QETLLSIVEV	268	133
>ATM-T2947 QETLLTIV	233	>ATM-T2947 QETLLSIV	467	234
>ATM-T2947 QETLLTIVEV	268	>ATM-T2947 QETLLSIVEV	430	162
>ATM-T2947 QETLLTIVEVL	39	>ATM-T2947 QETLLSIVEVL	61	22
>ATM-T2947 SQETLLTIV	361	>ATM-T2947 SQETLLSIV	283	78
>ATM-T2947 SQETLLTI	91	>ATM-T2947 SQETLLSI	73	18
>ATM-T2947 SQETLLTIV	28	>ATM-T2947 SQETLLSIV	48	20
>ATM-T2947 SQETLLTIVEV	18	>ATM-T2947 SQETLLSIVEV	20	2
>ATM-T2947 NSQETLLTI	49	>ATM-T2947 NSQETLLSI	60	11
>ATM-T2947 MRNSQETLLT	185	>ATM-T2947 MRNSQETLLS	155	30
>ATM-T2947 MRNSQETLLT	324	>ATM-T2947 MRNSQETLLS	284	40
>ATM-V1941 VAKVAQSCA	187	>ATM-V1941 LAKVAQSCA	74	113
>ATM-V1941 EVAKVAQSCA	11472	>ATM-V1941 ELAKVAQSCA	437	11035

>ATM-V1941 EVAKVAQSC/	15270	>ATM-V1941 ELAKVAQSCA	492	14778
>ATM-V1941 EVAKVAQSC/	13025	>ATM-V1941 ELAKVAQSCA	305	12720
>ATM-V1941 EVAKVAQSC/	16570	>ATM-V1941 ELAKVAQSCA	187	16383
>ATM-V1941 EVAKVAQS	90	>ATM-V1941 ELAKVAQS	2319	2229
>ATM-V1941 EVAKVAQSC/	462	>ATM-V1941 ELAKVAQSCA	2474	2012
>ATM-V1941 EVAKVAQSC/	18	>ATM-V1941 ELAKVAQSCA	237	219
>ATM-V1941 EVAKVAQSC/	77	>ATM-V1941 ELAKVAQSCA	501	424
>ATM-V1941 AFWLDLNYLE	364	>ATM-V1941 AFWLDLNYLE	4627	4263
>ATM-V1941 AFWLDLNYLE	303	>ATM-V1941 AFWLDLNYLE	7527	7224
>ATM-V1941 AFWLDLNYLE	1553	>ATM-V1941 AFWLDLNYLE	58	1495
>ATM-V1941 AFWLDLNYLE	486	>ATM-V1941 AFWLDLNYLE	335	151
>ATM-V1941 LEVAKVAQ	459	>ATM-V1941 LELAKVAQ	397	62
>ATM-V1941 LEVAKVAQSC	520	>ATM-V1941 LELAKVAQSC	249	271
>ATM-V1941 LEVAKVAQSC	195	>ATM-V1941 LELAKVAQSC	149	46
>ATM-V1941 YLEVAKVA	47	>ATM-V1941 YLELAKVA	65	18
>ATM-V1941 YLEVAKVAQ	228	>ATM-V1941 YLELAKVAQ	368	140
>ATM-V1941 YLEVAKVAQS	318	>ATM-V1941 YLELAKVAQS	461	143
>ATM-V1941 YLEVAKVAQS	27	>ATM-V1941 YLELAKVAQS	41	14
>ATM-V1941 NYLEVAKV	407	>ATM-V1941 NYLELAKV	1124	717
>ATM-V1941 NYLEVAKV	151	>ATM-V1941 NYLELAKV	192	41
>ATM-V1941 DLNYLEVAKV	216	>ATM-V1941 DLNYLELAKV	112	104
>ATM-V1941 DLNYLEVAKV	256	>ATM-V1941 DLNYLELAKV	399	143
>ATM-V1941 DLNYLEVAKV	154	>ATM-V1941 DLNYLELAKV	235	81
>ATM-V1941 DLNYLEVAKV	84	>ATM-V1941 DLNYLELAKV	150	66
>ATM-V1941 DLNYLEVAKV	56	>ATM-V1941 DLNYLELAKV	73	17
>ATM-V1941 DLNYLEVAK	262	>ATM-V1941 DLNYLELAK	752	490
>ATM-V1941 DLNYLEVAK	151	>ATM-V1941 DLNYLELAK	478	327
>ATM-V1941 LDLNYLEV	678	>ATM-V1941 LDLNYLEL	217	461
>ATM-V1941 LDLNYLEVAK	195	>ATM-V1941 LDLNYLELAK	146	49
>ATM-V1941 LDLNYLEV	72	>ATM-V1941 LDLNYLEL	364	292
>ATM-V1941 LDLNYLEVAK	72	>ATM-V1941 LDLNYLELAK	78	6
>ATM-V1941 WLDLNYLEV	41	>ATM-V1941 WLDLNYLEL	136	95
>ATM-V1941 WLDLNYLEV/	445	>ATM-V1941 WLDLNYLELA	263	182
>ATM-V1941 WLDLNYLEV	102	>ATM-V1941 WLDLNYLEL	167	65
>ATM-V1941 WLDLNYLEV/	237	>ATM-V1941 WLDLNYLELA	93	144
>ATM-V1941 WLDLNYLEV	204	>ATM-V1941 WLDLNYLEL	1321	1117
>ATM-V1941 WLDLNYLEV/	382	>ATM-V1941 WLDLNYLELA	242	140
>ATM-V1941 WLDLNYLEV	49	>ATM-V1941 WLDLNYLEL	466	417
>ATM-V1941 WLDLNYLEV	3	>ATM-V1941 WLDLNYLEL	14	11
>ATM-V1941 WLDLNYLEV/	37	>ATM-V1941 WLDLNYLELA	36	1
>ATM-V1941 WLDLNYLEV	6	>ATM-V1941 WLDLNYLEL	28	22
>ATM-V1941 WLDLNYLEV/	100	>ATM-V1941 WLDLNYLELA	153	53
>ATM-V1941 WLDLNYLEV	7	>ATM-V1941 WLDLNYLEL	34	27

>ATM-V1941 WLDLNYLEV/	195	>ATM-V1941 WLDLNYLELA	153	42
>ATM-V1941 WLDLNYLEV	4	>ATM-V1941 WLDLNYLEL	27	23
>ATM-V1941 WLDLNYLEV/	144	>ATM-V1941 WLDLNYLELA	187	43
>ATM-V1941 WLDLNYLEV	3	>ATM-V1941 WLDLNYLEL	8	5
>ATM-V1941 WLDLNYLEV/	50	>ATM-V1941 WLDLNYLELA	32	18
>ATM-V1941 WLDLNYLEV	189	>ATM-V1941 WLDLNYLEL	1139	950
>ATM-V1941 FWLDLNYLEV	365	>ATM-V1941 FWLDLNYLEL	87	278
>ATM-V1941 FWLDLNYLEV	117	>ATM-V1941 FWLDLNYLEL	407	290
>ATM-V1941 FWLDLNYLEV	124	>ATM-V1941 FWLDLNYLEL	46	78
>ATM-V1941 FWLDLNYLEV	59	>ATM-V1941 FWLDLNYLEL	896	837
>ATM-V1941 FWLDLNYLEV	109	>ATM-V1941 FWLDLNYLEL	2265	2156
>ATM-V1941 FWLDLNYLEV	108	>ATM-V1941 FWLDLNYLEL	2390	2282
>ATM-V1941 FWLDLNYLEV	1329	>ATM-V1941 FWLDLNYLEL	89	1240
>ATM-V1941 FWLDLNYLEV	147	>ATM-V1941 FWLDLNYLEL	10	137
>ATM-V1941 FWLDLNYLEV	182	>ATM-V1941 FWLDLNYLEL	139	43
>ATM-V1941 FWLDLNYLEV	111	>ATM-V1941 FWLDLNYLEL	96	15
>ATM-V2424 EVGLLREHK	49	>ATM-V2424 EGGLLREHK	2857	2808
>ATM-V2424 EEVGLLREHK	38	>ATM-V2424 EEGLLREHK	42	4
>ATM-V2424 EEVGLLREH	451	>ATM-V2424 EEGLLREH	2891	2440
>ATM-V2424 EEVGLLREHK	398	>ATM-V2424 EEGLLREHK	2576	2178
>ATM-V2424 EEVGLLREH	367	>ATM-V2424 EEGLLREH	948	581
>ATM-V2424 EEVGLLREHK	420	>ATM-V2424 EEGLLREHK	1121	701
>ATM-V2424 EEVGLLREHK	259	>ATM-V2424 EEGLLREHK	197	62
>ATM-V2424 EEVGLLREHK	149	>ATM-V2424 EEGLLREHK	898	749
>ATM-V2424 KEEVGLLR	219	>ATM-V2424 KEEGLLR	756	537
>ATM-V2424 KEEVGLLR	586	>ATM-V2424 KEEGLLR	288	298
>ATM-V2424 RAKEEVGLL	320	>ATM-V2424 RAKEEGLL	500	180
>ATM-V2424 RAKEEVGLLR	171	>ATM-V2424 RAKEEGLLR	200	29
>ATM-V2424 RAKEEVGLLR	127	>ATM-V2424 RAKEEGLLR	308	181
>ATM-V2424 RAKEEVGLLR	367	>ATM-V2424 RAKEEGLLR	1394	1027
>ATM-V2424 RAKEEVGL	35	>ATM-V2424 RAKEEGGL	63	28
>ATM-V2424 RAKEEVGL	81	>ATM-V2424 RAKEEGGL	134	53
>ATM-V2424 KRAKEEVGL	492	>ATM-V2424 KRAKEEGGL	2721	2229
>ATM-V2424 KRAKEEVGL	278	>ATM-V2424 KRAKEEGGL	561	283
>ATM-V2424 KRAKEEVGLL	73	>ATM-V2424 KRAKEEGGL	65	8
>ATM-V2424 KRAKEEVGLL	176	>ATM-V2424 KRAKEEGGL	247	71
>ATM-V2424 KRAKEEVGL	151	>ATM-V2424 KRAKEEGGL	348	197
>ATM-V2424 KRAKEEVGLL	153	>ATM-V2424 KRAKEEGGL	149	4
>ATM-V2424 KRAKEEVGLL	460	>ATM-V2424 KRAKEEGGL	668	208
>ATM-V2424 KRAKEEVGL	308	>ATM-V2424 KRAKEEGGL	573	265
>ATM-V2424 KRAKEEVGLL	140	>ATM-V2424 KRAKEEGGL	132	8
>ATM-V2424 KRAKEEVGLL	79	>ATM-V2424 KRAKEEGGL	161	82
>ATM-V2424 LKRAKEEV	248	>ATM-V2424 LKRAKEEG	9271	9023

>ATM-V2424 LKRAKEEVGL	84	>ATM-V2424 LKRAKEEGGL	920	836
>ATM-V2424 LLKRAKEEV	231	>ATM-V2424 LLKRAKEEG	18824	18593
>ATM-V2424 LLKRAKEEVG	252	>ATM-V2424 LLKRAKEEGG	758	506
>ATM-V2424 LLKRAKEEV	110	>ATM-V2424 LLKRAKEEG	20663	20553
>ATM-V2424 LLKRAKEEV	88	>ATM-V2424 LLKRAKEEG	22882	22794
>ATM-V2424 LLKRAKEEV	370	>ATM-V2424 LLKRAKEEG	25332	24962
>ATM-V2424 LLKRAKEEV	4	>ATM-V2424 LLKRAKEEG	11951	11947
>ATM-V2424 LLKRAKEEVG	14	>ATM-V2424 LLKRAKEEGG	42	28
>ATM-V2424 ALLKRAKEEV	459	>ATM-V2424 ALLKRAKEEG	20270	19811
>ATM-V2424 ALLKRAKEEV	180	>ATM-V2424 ALLKRAKEEG	19862	19682
>ATM-V2424 ALLKRAKEEV	4	>ATM-V2424 ALLKRAKEEG	7242	7238
>ATM-V2424 ALLKRAKEEV	25	>ATM-V2424 ALLKRAKEEG	18748	18723
>ATM-V2424 ALLKRAKEEV	9	>ATM-V2424 ALLKRAKEEG	12998	12989
>ATM-V2424 ALLKRAKEEV	26	>ATM-V2424 ALLKRAKEEG	22979	22953
>ATM-V2424 ALLKRAKEEV	3	>ATM-V2424 ALLKRAKEEG	10634	10631
>ATM-V245A AVNFRIRV	99	>ATM-V245A AANFRIRV	813	714
>ATM-V245A AVNFRIRVCE	204	>ATM-V245A AANFRIRVCE	1915	1711
>ATM-V245A AVNFRIRV	203	>ATM-V245A AANFRIRV	1047	844
>ATM-V245A AVNFRIRV	34	>ATM-V245A AANFRIRV	486	452
>ATM-V245A AVNFRIRVCE	262	>ATM-V245A AANFRIRVCE	3718	3456
>ATM-V245A AVNFRIRV	274	>ATM-V245A AANFRIRV	1383	1109
>ATM-V245A AVNFRIRVCE	1813	>ATM-V245A AANFRIRVCE	183	1630
>ATM-V245A ALTIFLKTAV	99	>ATM-V245A ALTIFLKTAA	1189	1090
>ATM-V245A ALTIFLKTAV	50	>ATM-V245A ALTIFLKTAA	308	258
>ATM-V245A ALTIFLKTAV	19	>ATM-V245A ALTIFLKTAA	94	75
>ATM-V245A ALTIFLKTAV	138	>ATM-V245A ALTIFLKTAA	1525	1387
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>ATM-V245A ALTIFLKTAV	18	>ATM-V245A ALTIFLKTAA	1771	1753
>ATM-V245A ALTIFLKTAV	14	>ATM-V245A ALTIFLKTAA	551	537
>ATM-V245A ALTIFLKTAV	138	>ATM-V245A ALTIFLKTAA	10632	10494
>ATM-V245A ALTIFLKTAV	2	>ATM-V245A ALTIFLKTAA	17	15
>ATM-V245A LAVNFRIRV	83	>ATM-V245A LAANFRIRV	249	166
>ATM-V245A LAVNFRIRV	96	>ATM-V245A LAANFRIRV	42	54
>ATM-V245A LAVNFRIR	122	>ATM-V245A LAANFRIR	116	6
>ATM-V245A LAVNFRIR	91	>ATM-V245A LAANFRIR	50	41
>ATM-V245A LAVNFRIRV	144	>ATM-V245A LAANFRIRV	49	95
>ATM-V245A LAVNFRIRV	788	>ATM-V245A LAANFRIRV	484	304
>ATM-V245A TLAVNFRI	214	>ATM-V245A TLAANFRI	67	147
>ATM-V245A TLAVNFIRV	266	>ATM-V245A TLAANFRIRV	123	143
>ATM-V245A TLAVNFRI	40	>ATM-V245A TLAANFRI	14	26
>ATM-V245A TLAVNFIRV	129	>ATM-V245A TLAANFRIRV	48	81
>ATM-V245A TLAVNFRI	105	>ATM-V245A TLAANFRI	26	79
>ATM-V245A TLAVNFIRV	131	>ATM-V245A TLAANFRIRV	55	76



>ATM-V245A TLAVNFRI	476	>ATM-V245A TLAANFRI	148	328
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>ATM-V245A TLAVNFRI	83	>ATM-V245A TLAANFRI	32	51
>ATM-V245A TLAVNFRI	41	>ATM-V245A TLAANFRI	13	28
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>ATM-V245A TLAVNFRI	190	>ATM-V245A TLAANFRI	104	86
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>ATM-V245A TLAVNFRI	152	>ATM-V245A TLAANFRI	75	77
>ATM-V245A TLAVNFRI	90	>ATM-V245A TLAANFRI	49	41
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>ATM-V245A TLAVNFRI	4	>ATM-V245A TLAANFRI	3	1
>ATM-V245A TLAVNFRI	323	>ATM-V245A TLAANFRI	326	3
>ATM-V245A TLAVNFRI	196	>ATM-V245A TLAANFRI	122	74
>ATM-V245A TLAVNFRI	133	>ATM-V245A TLAANFRI	42	91
>ATM-V245A TLAVNFRI	332	>ATM-V245A TLAANFRI	54	278
>ATM-V245A TLAVNFRI	662	>ATM-V245A TLAANFRI	317	345
>ATM-V245A TLAVNFRI	409	>ATM-V245A TLAANFRI	204	205
>ATM-V245A TLAVNFRI	819	>ATM-V245A TLAANFRI	246	573
>ATM-V245A KTLAVNFRI	55	>ATM-V245A KTLAANFRI	77	22
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>ATM-V245A KTLAVNFRI	34	>ATM-V245A KTLAANFRI	38	4
>ATM-V245A KTLAVNFRI	62	>ATM-V245A KTLAANFRI	71	9
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>ATM-V245A KTLAVNFRI	15	>ATM-V245A KTLAANFRI	36	21
>ATM-V245A KTLAVNFRI	229	>ATM-V245A KTLAANFRI	720	491
>ATM-V245A KTLAVNFRI	63	>ATM-V245A KTLAANFRI	94	31
>ATM-V245A KTLAVNFRI	262	>ATM-V245A KTLAANFRI	225	37
>ATM-V245A KTLAVNFRI	201	>ATM-V245A KTLAANFRI	306	105
>ATM-V245A KTLAVNFRI	321	>ATM-V245A KTLAANFRI	259	62
>ATM-V245A KTLAVNFRI	19	>ATM-V245A KTLAANFRI	33	14
>ATM-V245A KTLAVNFRI	574	>ATM-V245A KTLAANFRI	332	242
>ATM-V245A KTLAVNFRI	33	>ATM-V245A KTLAANFRI	20	13
>ATM-V245A KTLAVNFRI	47	>ATM-V245A KTLAANFRI	17	30
>ATM-V245A KTLAVNFRI	163	>ATM-V245A KTLAANFRI	59	104
>ATM-V245A KTLAVNFRI	30	>ATM-V245A KTLAANFRI	15	15
>ATM-V245A KTLAVNFRI	6	>ATM-V245A KTLAANFRI	8	2
>ATM-V245A KTLAVNFRI	17	>ATM-V245A KTLAANFRI	21	4
>ATM-V245A KTLAVNFRI	488	>ATM-V245A KTLAANFRI	1015	527
>ATM-V245A KTLAVNFRI	6	>ATM-V245A KTLAANFRI	11	5
>ATM-V245A KTLAVNFRI	78	>ATM-V245A KTLAANFRI	161	83
>ATM-V245A KTLAVNFRI	237	>ATM-V245A KTLAANFRI	952	715
>ATM-V245A KTLAVNFRI	26	>ATM-V245A KTLAANFRI	45	19

>ATM-V245AKTLAVNFRI	305	>ATM-V245AKTLAANFRI	1090	785
>ATM-V245AKTLAVNFRI\	175	>ATM-V245AKTLAANFRI\	380	205
>ATM-V245AKTLAVNFRI	100	>ATM-V245AKTLAANFRI	68	32
>ATM-V245AKTLAVNFRI\	57	>ATM-V245AKTLAANFRI\	46	11
>ATM-V245AKTLAVNFRI	13	>ATM-V245AKTLAANFRI	6	7
>ATM-V245AKTLAVNFRI\	167	>ATM-V245AKTLAANFRI\	57	110
>ATM-V245AKTLAVNFRI	507	>ATM-V245AKTLAANFRI	461	46
>ATM-V245AKTLAVNFRI	11	>ATM-V245AKTLAANFRI	15	4
>ATM-V245AKTLAVNFRI	123	>ATM-V245AKTLAANFRI	321	198
>ATM-V245AKTLAVNFRI\	222	>ATM-V245AKTLAANFRI\	447	225
>ATM-V245AKTLAVNFRI	418	>ATM-V245AKTLAANFRI	374	44
>ATM-V245AKTLAVNFR	29	>ATM-V245AKTLAANFR	23	6
>ATM-V245AKTLAVNFRI	56	>ATM-V245AKTLAANFRI	41	15
>ATM-V245AKTLAVNFRI	29	>ATM-V245AKTLAANFRI	29	0
>ATM-V245AKTLAVNFR	518	>ATM-V245AKTLAANFR	458	60
>ATM-V245AKTLAVNF	11	>ATM-V245AKTLAANF	19	8
>ATM-V245AKTLAVNFRI	53	>ATM-V245AKTLAANFRI	51	2
>ATM-V245AKTLAVNF	448	>ATM-V245AKTLAANF	308	140
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>ATM-V245AKTLAVNF	1343	>ATM-V245AKTLAANF	277	1066
>ATM-V245AKTLAVNFRI	8	>ATM-V245AKTLAANFRI	7	1
>ATM-V245AKTLAVNFRI	251	>ATM-V245AKTLAANFRI	245	6
>ATM-V245AKTLAVNFRI	35	>ATM-V245AKTLAANFRI	51	16
>ATM-V245AKTLAVNFRI	43	>ATM-V245AKTLAANFRI	38	5
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>ATM-V245AKTLAVNFRI	530	>ATM-V245AKTLAANFRI	316	214
>ATM-V245AKTLAVNFRI	6	>ATM-V245AKTLAANFRI	6	0
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>ATM-V245AKTLAVNF	226	>ATM-V245AKTLAANF	229	3
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>ATM-V245AKTLAVNFR	13	>ATM-V245AKTLAANFR	17	4
>ATM-V245AKTLAVNFR	27	>ATM-V245AKTLAANFR	30	3
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>ATM-V245A IFLKTLAVNFR	36	>ATM-V245A IFLKTLAANFR	32	4
>ATM-V245A TIFLKTAV	381	>ATM-V245A TIFLKTAA	2203	1822
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>ATM-V245A TIFLKTAV	177	>ATM-V245A TIFLKTAA	3518	3341
>ATM-V245A TIFLKTAV	176	>ATM-V245A TIFLKTAA	1843	1667
>ATM-V245A TIFLKTAV	45	>ATM-V245A TIFLKTAA	277	232
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>ATM-V245A TIFLKTAV	108	>ATM-V245A TIFLKTAA	4625	4517
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>ATM-V245A TIFLKTAV	75	>ATM-V245A TIFLKTAA	7248	7173
>ATM-V245A TIFLKTAV	256	>ATM-V245A TIFLKTAA	1934	1678
>ATM-V245A TIFLKTAVNF	32	>ATM-V245A TIFLKTLAANF	84	52
>ATM-V245A TIFLKTAV	45	>ATM-V245A TIFLKTAA	746	701
>ATM-V245A TIFLKTAV	134	>ATM-V245A TIFLKTAA	4857	4723
>ATM-V245A TIFLKTAVNF	274	>ATM-V245A TIFLKTLAANF	507	233
>ATM-V245A TIFLKTAVNF	248	>ATM-V245A TIFLKTLAANF	121	127
>ATM-V245A LTIFLKTAV	163	>ATM-V245A LTIFLKTAA	727	564
>ATM-V245A LTIFLKTAV	72	>ATM-V245A LTIFLKTAA	233	161
>ATM-V245A LTIFLKTAV	61	>ATM-V245A LTIFLKTAA	263	202
>ATM-V245A LTIFLKTAV	152	>ATM-V245A LTIFLKTAA	3858	3706
>ATM-V245A LTIFLKTAV	475	>ATM-V245A LTIFLKTAA	4168	3693
>ATM-V245A LTIFLKTAV	172	>ATM-V245A LTIFLKTAA	1391	1219
>ATM-V410A VPWLQIATQI	250	>ATM-V410A APWLQIATQI	308	58
>ATM-V410A VPWLQIATQI	617	>ATM-V410A APWLQIATQI	373	244
>ATM-V410A VPWLQIATQI	974	>ATM-V410A APWLQIATQI	437	537
>ATM-V410A VPWLQIAT	67	>ATM-V410A APWLQIAT	164	97
>ATM-V410A VPWLQIATQ	292	>ATM-V410A APWLQIATQ	917	625
>ATM-V410A VPWLQIATQI	94	>ATM-V410A APWLQIATQI	418	324
>ATM-V410A VPWLQIATQI	217	>ATM-V410A APWLQIATQI	378	161
>ATM-V410A VPWLQIAT	62	>ATM-V410A APWLQIAT	353	291
>ATM-V410A VPWLQIATQI	290	>ATM-V410A APWLQIATQI	1785	1495
>ATM-V410A LVPWLQIATC	67	>ATM-V410A LAPWLQIATC	1416	1349
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>ATM-V410A LVPWLQIATC	47	>ATM-V410A LAPWLQIATC	10	37
>ATM-V410A LQKSQNDFDI	409	>ATM-V410A LQKSQNDFDI	3623	3214
>ATM-V410A LQKSQNDFDI	153	>ATM-V410A LQKSQNDFDI	1575	1422
>ATM-V410A LQKSQNDFDI	80	>ATM-V410A LQKSQNDFDI	521	441
>ATM-V410A DLVPWLQIA	1064	>ATM-V410A DLAPWLQIA	331	733
>ATM-V410A DLVPWLQI	117	>ATM-V410A DLAPWLQI	88	29
>ATM-V410A DLVPWLQI	393	>ATM-V410A DLAPWLQI	87	306
>ATM-V410A DLVPWLQIA	963	>ATM-V410A DLAPWLQIA	197	766
>ATM-V410A DLVPWLQI	683	>ATM-V410A DLAPWLQI	95	588

>ATM-V410A DLVPWLQIA	1535	>ATM-V410A DLAPWLQIA	234	1301
>ATM-V410A DLVPWLQI	68	>ATM-V410A DLAPWLQI	34	34
>ATM-V410A DLVPWLQIA	45	>ATM-V410A DLAPWLQIA	19	26
>ATM-V410A DLVPWLQIAT	1061	>ATM-V410A DLAPWLQIAT	479	582
>ATM-V410A DLVPWLQIAT	311	>ATM-V410A DLAPWLQIAT	131	180
>ATM-V410A DLVPWLQI	178	>ATM-V410A DLAPWLQI	93	85
>ATM-V410A FDLVPWLQI	52	>ATM-V410A FDLAPWLQI	61	9
>ATM-V410A FDLVPWLQI	78	>ATM-V410A FDLAPWLQI	96	18
>ATM-V410A DFDLVPWLQ	260	>ATM-V410A DFDLAPWLQ	355	95
>ATM-V410A NDFDLVPWLQ	209	>ATM-V410A NDFDLAPWLQ	172	37
>ATM-V410A NDFDLVPW	424	>ATM-V410A NDFDLAPW	564	140
>ATM-V410A NDFDLVPW	444	>ATM-V410A NDFDLAPW	496	52
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>ATM-V410A NDFDLVPWL	293	>ATM-V410A NDFDLAPWL	205	88
>ATM-V410A SQNDFDLV	91	>ATM-V410A SQNDFDLA	1859	1768
>ATM-V410A SQNDFDLVP	102	>ATM-V410A SQNDFDLAP	175	73
>ATM-V410A SQNDFDLV	44	>ATM-V410A SQNDFDLA	513	469
>ATM-V410A SQNDFDLVP	95	>ATM-V410A SQNDFDLAP	132	37
>ATM-V410A SQNDFDLV	49	>ATM-V410A SQNDFDLA	575	526
>ATM-V410A SQNDFDLVP	341	>ATM-V410A SQNDFDLAP	786	445
>ATM-V410A SQNDFDLV	7	>ATM-V410A SQNDFDLA	23	16
>ATM-V410A SQNDFDLVP	20	>ATM-V410A SQNDFDLAP	18	2
>ATM-V410A SQNDFDLV	74	>ATM-V410A SQNDFDLA	2526	2452
>ATM-V410A SQNDFDLVP	144	>ATM-V410A SQNDFDLAP	257	113
>ATM-V410A SQNDFDLV	218	>ATM-V410A SQNDFDLA	6383	6165
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>ATM-V410A SQNDFDLVP	221	>ATM-V410A SQNDFDLAP	454	233
>ATM-V410A SQNDFDLV	316	>ATM-V410A SQNDFDLA	14534	14218
>ATM-V410A SQNDFDLVP	441	>ATM-V410A SQNDFDLAP	1174	733
>ATM-V410A SQNDFDLVP	149	>ATM-V410A SQNDFDLAP	121	28
>ATM-V410A SQNDFDLVP	361	>ATM-V410A SQNDFDLAP	577	216
>ATM-V410A SQNDFDLVP	399	>ATM-V410A SQNDFDLAP	385	14
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>ATM-V410A KSQNDFDLV	232	>ATM-V410A KSQNDFDLA	1807	1575
>ATM-V410A KSQNDFDLVF	56	>ATM-V410A KSQNDFDLAF	150	94
>ATM-V410A KSQNDFDLVF	67	>ATM-V410A KSQNDFDLAF	49	18
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>ATM-V410A KSQNDFDLVF	18	>ATM-V410A KSQNDFDLAF	15	3
>ATM-V410A KSQNDFDLVF	832	>ATM-V410A KSQNDFDLAF	181	651
>ATM-Y1475 YINQRPSCI	53	>ATM-Y1475 CINQRPSCI	1616	1563
>ATM-Y1475 YINQRPSCI	184	>ATM-Y1475 CINQRPSCI	9911	9727
>ATM-Y1475 YINQRPSC	234	>ATM-Y1475 CINQRPSC	12342	12108
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>ATM-Y1475 YINQRPSCIM	156	>ATM-Y1475 CINQRPSCIM	1732	1576
>ATM-Y1475 HYINQRPSCI	53	>ATM-Y1475 HCINQRPSCI	21535	21482
>ATM-Y1475 HYINQRPSCI	80	>ATM-Y1475 HCINQRPSCI	22359	22279
>ATM-Y1475 HYINQRPSCII	211	>ATM-Y1475 HCINQRPSCII	24051	23840
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>ATM-Y1475 IHYINQRPSCI	118	>ATM-Y1475 IHCINQRPSCI	1021	903
>ATM-Y1475 IHYINQRPSCI	234	>ATM-Y1475 IHCINQRPSCI	2497	2263
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>ATM-Y1475 YTLIHYINQR	121	>ATM-Y1475 YTLIHCINQR	156	35
>ATM-Y1475 YTLIHYINQR	351	>ATM-Y1475 YTLIHCINQR	303	48
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>ATM-Y1475 IYTLIHYINQR	27	>ATM-Y1475 IYTLIHCINQR	46	19
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>ATM-Y1475 VIYTLIHY	1554	>ATM-Y1475 VIYTLIHC	224	1330
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>ATM-Y1475 VIYTLIHYI	35	>ATM-Y1475 VIYTLIHCI	354	319

>ATM-Y1475 VIYTLIHYI	8	>ATM-Y1475 VIYTLIHCI	41	33
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>ATM-Y1475 VIYTLIH Y	208	>ATM-Y1475 VIYTLIHC	23881	23673
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>ATM-Y1475 VIYTLIH YI	134	>ATM-Y1475 VIYTLIHCI	1921	1787
>ATM-Y1475 VIYTLIH YI	129	>ATM-Y1475 VIYTLIHCI	3553	3424
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>ATM-Y1475 VIYTLIH Y	330	>ATM-Y1475 VIYTLIHC	11077	10747
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>ATM-Y1475 DVIYTLIH YI	363	>ATM-Y1475 DVIYTLIHCI	1907	1544
>ATM-Y1475 DVIYTLIH YI	263	>ATM-Y1475 DVIYTLIHCI	1265	1002
>ATM-Y1475 DVIYTLIH Y	156	>ATM-Y1475 DVIYTLIHC	17863	17707
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>ATM-Y1475 RDVIYTLIH Y	270	>ATM-Y1475 RDVIYTLIHC	26217	25947
>ATM-Y1475 RDVIYTLIH YI	329	>ATM-Y1475 RDVIYTLIHCI	263	66
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>ATM-Y1961 AEIYADKK S	487	>ATM-Y1961 AEICADKKS	434	53
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>ATM-Y1961 YAEIYADKK	124	>ATM-Y1961 YAEICADKK	253	129
>ATM-Y1961 YAEIYADKKS I	139	>ATM-Y1961 YAEICADKKS I	266	127

>ATM-Y1961 YAEIYADKKS	232	>ATM-Y1961 YAEICADKKS	205	27
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>ATM-Y1961 LLYAEIYAD	166	>ATM-Y1961 LLYAEICAD	239	73
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>ATM-Y1961 LLYAEIYA	93	>ATM-Y1961 LLYAEICA	590	497
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>ATM-Y1961 ALLYAEIY	182	>ATM-Y1961 ALLYAEIC	23746	23564
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>ATM-Y1961 TALLYAEIY	197	>ATM-Y1961 TALLYAEIC	18180	17983
>ATM-Y1961 TALLYAEIY	296	>ATM-Y1961 TALLYAEIC	24356	24060
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>ATM-Y1961 FTALLYAEIYA	288	>ATM-Y1961 FTALLYAEICA	1597	1309
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>ATM-Y2019 LYGCGGGKM	141	>ATM-Y2019 LSGCGGGKM	22362	22221
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>ATM-Y2019 YRSIGEPDSL	179	>ATM-Y2019 YRSIGEPDSL	21563	21384
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>ATM-Y2019 SLYGCGGGK	122	>ATM-Y2019 SLSGCGGGK	95	27
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>ATM-Y2019 DSLYGCGGGI	377	>ATM-Y2019 DSLSGCGGGI	228	149
>ATM-Y2019 GEPDSLYGC	117	>ATM-Y2019 GEPDSLSGC	170	53
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>ATM-Y2019 SIGEPDSLYGC	278	>ATM-Y2019 SIGEPDSLSGC	710	432
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>ATM-Y2954 LYDPLFDW	389	>ATM-Y2954 LCDPLFDW	20688	20299
>ATM-Y2954 LYDPLFDW	18	>ATM-Y2954 LCDPLFDW	19197	19179
>ATM-Y2954 LYDPLFDWTM	33	>ATM-Y2954 LCDPLFDWTM	19207	19174
>ATM-Y2954 LYDPLFDW	819	>ATM-Y2954 LCDPLFDW	389	430
>ATM-Y2954 LYDPLFDWTM	443	>ATM-Y2954 LCDPLFDWTM	14882	14439
>ATM-Y2954 TLLTIVEVLLY	5988	>ATM-Y2954 TLLTIVEVLLC	215	5773
>ATM-Y2954 TLLTIVEVLLY	6836	>ATM-Y2954 TLLTIVEVLLC	333	6503
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>ATM-Y2954 TLLTIVEVLLY	473	>ATM-Y2954 TLLTIVEVLLC	24485	24012
>ATM-Y2954 TLLTIVEVLLY	16	>ATM-Y2954 TLLTIVEVLLC	14577	14561
>ATM-Y2954 TLLTIVEVLLY	494	>ATM-Y2954 TLLTIVEVLLC	31498	31004
>ATM-Y2954 TLLTIVEVLLY	9	>ATM-Y2954 TLLTIVEVLLC	21082	21073
>ATM-Y2954 LLYDPLFDWT	17	>ATM-Y2954 LLC DPLFDWT	65	48
>ATM-Y2954 LLYDPLFDWT	72	>ATM-Y2954 LLC DPLFDWT	459	387
>ATM-Y2954 LLYDPLFDWT	54	>ATM-Y2954 LLC DPLFDWT	156	102
>ATM-Y2954 LLYDPLFDWT	94	>ATM-Y2954 LLC DPLFDWT	472	378
>ATM-Y2954 LLYDPLFDWT	61	>ATM-Y2954 LLC DPLFDWT	1020	959

>ATM-Y2954 LLYDPLFDWT	80	>ATM-Y2954 LLCDPFLFDWT	192	112
>ATM-Y2954 LLYDPLFDWT	25	>ATM-Y2954 LLCDPFLFDWT	95	70
>ATM-Y2954 LLYDPLFD	141	>ATM-Y2954 LLCDPFLFD	1870	1729
>ATM-Y2954 LLYDPLFDW	292	>ATM-Y2954 LLCDPFLFDW	4168	3876
>ATM-Y2954 LLYDPLFDWT	8	>ATM-Y2954 LLCDPFLFDWT	74	66
>ATM-Y2954 LLYDPLFDWT	2	>ATM-Y2954 LLCDPFLFDWT	7	5
>ATM-Y2954 LLYDPLFDWT	443	>ATM-Y2954 LLCDPFLFDWT	6013	5570
>ATM-Y2954 LLYDPLFDWT	5	>ATM-Y2954 LLCDPFLFDWT	67	62
>ATM-Y2954 LLYDPLFDWT	64	>ATM-Y2954 LLCDPFLFDWT	2347	2283
>ATM-Y2954 LLYDPLFDWT	9	>ATM-Y2954 LLCDPFLFDWT	201	192
>ATM-Y2954 LLYDPLFDWT	18	>ATM-Y2954 LLCDPFLFDWT	117	99
>ATM-Y2954 LLYDPLFD	347	>ATM-Y2954 LLCDPFLFD	3295	2948
>ATM-Y2954 LLYDPLFDW	135	>ATM-Y2954 LLCDPFLFDW	1333	1198
>ATM-Y2954 LLYDPLFDWT	6	>ATM-Y2954 LLCDPFLFDWT	20	14
>ATM-Y2954 LLYDPLFDWT	3	>ATM-Y2954 LLCDPFLFDWT	5	2
>ATM-Y2954 LLYDPLFDWT	336	>ATM-Y2954 LLCDPFLFDWT	5631	5295
>ATM-Y2954 LLYDPLFDWT	297	>ATM-Y2954 LLCDPFLFDWT	844	547
>ATM-Y2954 LLYDPLFDWT	351	>ATM-Y2954 LLCDPFLFDWT	4054	3703
>ATM-Y2954 LLYDPLFDWT	377	>ATM-Y2954 LLCDPFLFDWT	4458	4081
>ATM-Y2954 LLYDPLFDW	27	>ATM-Y2954 LLCDPFLFDW	304	277
>ATM-Y2954 LLYDPLFDWT	200	>ATM-Y2954 LLCDPFLFDWT	2047	1847
>ATM-Y2954 LLYDPLFDWT	316	>ATM-Y2954 LLCDPFLFDWT	1349	1033
>ATM-Y2954 LLYDPLFDW	158	>ATM-Y2954 LLCDPFLFDW	2048	1890
>ATM-Y2954 LLYDPLFDW	385	>ATM-Y2954 LLCDPFLFDW	3415	3030
>ATM-Y2954 LLYDPLFDW	326	>ATM-Y2954 LLCDPFLFDW	1854	1528
>ATM-Y2954 VLLYDPLFDW	327	>ATM-Y2954 VLLCDPLFDW	61	266
>ATM-Y2954 VLLYDPLFDW	711	>ATM-Y2954 VLLCDPLFDW	449	262
>ATM-Y2954 VLLYDPLFDW	521	>ATM-Y2954 VLLCDPLFDW	499	22
>ATM-Y2954 VLLYDPLF	329	>ATM-Y2954 VLLCDPLF	158	171
>ATM-Y2954 VLLYDPLF	179	>ATM-Y2954 VLLCDPLF	379	200
>ATM-Y2954 VLLYDPLF	92	>ATM-Y2954 VLLCDPLF	114	22
>ATM-Y2954 VLLYDPLFDW	371	>ATM-Y2954 VLLCDPLFDW	679	308
>ATM-Y2954 EVLLYDPL	163	>ATM-Y2954 EVLLCDPL	406	243
>ATM-Y2954 EVLLYDPLF	65	>ATM-Y2954 EVLLCDPLF	149	84
>ATM-Y2954 EVLLYDPL	93	>ATM-Y2954 EVLLCDPL	105	12
>ATM-Y2954 EVLLYDPL	22	>ATM-Y2954 EVLLCDPL	144	122
>ATM-Y2954 EVLLYDPLF	315	>ATM-Y2954 EVLLCDPLF	266	49
>ATM-Y2954 VEVLLYDPL	71	>ATM-Y2954 VEVLLCDPL	51	20
>ATM-Y2954 VEVLLYDPL	108	>ATM-Y2954 VEVLLCDPL	287	179
>ATM-Y2954 VEVLLYDPL	21	>ATM-Y2954 VEVLLCDPL	41	20
>ATM-Y2954 VEVLLYDPL	24	>ATM-Y2954 VEVLLCDPL	30	6
>ATM-Y2954 VEVLLYDPLF	298	>ATM-Y2954 VEVLLCDPLF	151	147
>ATM-Y2954 VEVLLYDPLF	104	>ATM-Y2954 VEVLLCDPLF	96	8

>ATM-Y2954 VEVLLYDPL	18	>ATM-Y2954 VEVLLCDPL	18	0
>ATM-Y2954 VEVLLYDPLF	213	>ATM-Y2954 VEVLLCDPLF	2644	2431
>ATM-Y2954 IVEVLLYDPLF	312	>ATM-Y2954 IVEVLLCDPLF	292	20
>ATM-Y2954 TIVEVLLYDPL	392	>ATM-Y2954 TIVEVLLCDPL	514	122
>ATM-Y2954 TIVEVLLYDPL	66	>ATM-Y2954 TIVEVLLCDPL	109	43
>ATM-Y2954 TIVEVLLYDPL	141	>ATM-Y2954 TIVEVLLCDPL	301	160
>ATM-Y2954 TIVEVLLYDPL	24	>ATM-Y2954 TIVEVLLCDPL	35	11
>ATM-Y2954 TIVEVLLYDPL	156	>ATM-Y2954 TIVEVLLCDPL	530	374
>ATM-Y2954 TIVEVLLY	239	>ATM-Y2954 TIVEVLLC	23902	23663
>ATM-Y2954 TIVEVLLY	44	>ATM-Y2954 TIVEVLLC	9870	9826
>ATM-Y2954 TIVEVLLY	41	>ATM-Y2954 TIVEVLLC	19890	19849
>ATM-Y2954 TIVEVLLYDPL	175	>ATM-Y2954 TIVEVLLCDPL	360	185
>ATM-Y2954 TIVEVLLY	17	>ATM-Y2954 TIVEVLLC	16292	16275
>ATM-Y2954 TIVEVLLYDPL	26	>ATM-Y2954 TIVEVLLCDPL	58	32
>ATM-Y2954 TIVEVLLYDPL	64	>ATM-Y2954 TIVEVLLCDPL	220	156
>ATM-Y2954 TIVEVLLY	20	>ATM-Y2954 TIVEVLLC	22894	22874
>ATM-Y2954 LTIVEVLLY	51	>ATM-Y2954 LTIVEVLLC	15984	15933
>ATM-Y2954 LTIVEVLLY	239	>ATM-Y2954 LTIVEVLLC	24700	24461
>ATM-Y2954 LTIVEVLLY	277	>ATM-Y2954 LTIVEVLLC	17969	17692
>ATM-Y2954 LTIVEVLLY	52	>ATM-Y2954 LTIVEVLLC	24682	24630
>ATM-Y2954 LTIVEVLLY	8	>ATM-Y2954 LTIVEVLLC	12725	12717
>ATM-Y2954 LTIVEVLLY	373	>ATM-Y2954 LTIVEVLLC	29983	29610
>ATM-Y2954 LTIVEVLLY	10	>ATM-Y2954 LTIVEVLLC	21462	21452
>ATM-Y2954 LTIVEVLLY	170	>ATM-Y2954 LTIVEVLLC	16942	16772
>ATM-Y2954 LTIVEVLLY	4	>ATM-Y2954 LTIVEVLLC	4520	4516
>ATM-Y2954 LTIVEVLLY	28	>ATM-Y2954 LTIVEVLLC	1358	1330
>ATM-Y2954 LTIVEVLLY	73	>ATM-Y2954 LTIVEVLLC	12440	12367
>ATM-Y2954 LTIVEVLLY	482	>ATM-Y2954 LTIVEVLLC	39535	39053
>ATM-Y2954 LLTIVEVLLY	3004	>ATM-Y2954 LLTIVEVLLC	52	2952
>ATM-Y2954 LLTIVEVLLY	160	>ATM-Y2954 LLTIVEVLLC	27828	27668
>ATM-Y2954 LLTIVEVLLY	29	>ATM-Y2954 LLTIVEVLLC	23435	23406
>ATM-Y2954 LLTIVEVLLY	131	>ATM-Y2954 LLTIVEVLLC	19882	19751
>ATM-Y332C YSSGFRNIAV	269	>ATM-Y332C CSSGFRNIAV	4411	4142
>ATM-Y332C YSSGFRNIAV	180	>ATM-Y332C CSSGFRNIAV	2188	2008
>ATM-Y332C YSSGFRNIAV	329	>ATM-Y332C CSSGFRNIAV	3578	3249
>ATM-Y332C YSSGFRNIAV	77	>ATM-Y332C CSSGFRNIAV	1417	1340
>ATM-Y332C YSSGFRNIAV	61	>ATM-Y332C CSSGFRNIAV	50	11
>ATM-Y332C YSSGFRNIAV	381	>ATM-Y332C CSSGFRNIAV	315	66
>ATM-Y332C YSSGFRNIAV	20	>ATM-Y332C CSSGFRNIAV	103	83
>ATM-Y332C YSSGFRNI	316	>ATM-Y332C CSSGFRNI	1132	816
>ATM-Y332C YSSGFRNIAV	26	>ATM-Y332C CSSGFRNIAV	81	55
>ATM-Y332C YSSGFRNIAV	459	>ATM-Y332C CSSGFRNIAV	8393	7934
>ATM-Y332C YSSGFRNI	273	>ATM-Y332C CSSGFRNI	6692	6419

>ATM-Y332C YSSGFRNI	100	>ATM-Y332C CSSGFRNI	1379	1279
>ATM-Y332C YSSGFRNIAV	91	>ATM-Y332C CSSGFRNIAV	878	787
>ATM-Y332C YSSGFRNI	64	>ATM-Y332C CSSGFRNI	19	45
>ATM-Y332C KYSSGFRNI	13	>ATM-Y332C KCSSGFRNI	17133	17120
>ATM-Y332C KYSSGFRNIA\	94	>ATM-Y332C KCSSGFRNIA\	24083	23989
>ATM-Y332C KYSSGFRNI	73	>ATM-Y332C KCSSGFRNI	15881	15808
>ATM-Y332C KYSSGFRNI	115	>ATM-Y332C KCSSGFRNI	15348	15233
>ATM-Y332C KYSSGFRNI	10	>ATM-Y332C KCSSGFRNI	15992	15982
>ATM-Y332C KYSSGFRNIA\	331	>ATM-Y332C KCSSGFRNIA\	23139	22808
>ATM-Y332C KYSSGFRNI	322	>ATM-Y332C KCSSGFRNI	3371	3049
>ATM-Y332C KYSSGFRNIA	153	>ATM-Y332C KCSSGFRNIA	2060	1907
>ATM-Y332C KYSSGFRNIA\	157	>ATM-Y332C KCSSGFRNIA\	1934	1777
>ATM-Y332C KYSSGFRNI	409	>ATM-Y332C KCSSGFRNI	11501	11092
>ATM-Y332C KYSSGFRNIA\	470	>ATM-Y332C KCSSGFRNIA\	12747	12277
>ATM-Y332C KYSSGFRNI	227	>ATM-Y332C KCSSGFRNI	20217	19990
>ATM-Y332C KYSSGFRNIA\	99	>ATM-Y332C KCSSGFRNIA\	20239	20140
>ATM-Y332C EISHIGSRGKY	289	>ATM-Y332C EISHIGSRGKC	18484	18195
>ATM-Y332C EISHIGSRGKY	49	>ATM-Y332C EISHIGSRGKC	12472	12423
>ATM-Y332C EISHIGSRGKY	208	>ATM-Y332C EISHIGSRGKC	30723	30515
>ATM-Y332C EISHIGSRGKY	64	>ATM-Y332C EISHIGSRGKC	25707	25643
>ATM-Y332C EISHIGSRGKY	268	>ATM-Y332C EISHIGSRGKC	22255	21987
>ATM-Y332C GK YSSGFR	356	>ATM-Y332C GKCSSGFR	3507	3151
>ATM-Y332C GK YSSGFRNI	15	>ATM-Y332C GKCSSGFRNI	220	205
>ATM-Y332C GK YSSGFRNI,	129	>ATM-Y332C GKCSSGFRNI,	1368	1239
>ATM-Y332C RGKYSSGFR	21	>ATM-Y332C RGKCSSGFR	25	4
>ATM-Y332C RGKYSSGFRN	34	>ATM-Y332C RGKCSSGFRN	39	5
>ATM-Y332C RGKYSSGFR	18	>ATM-Y332C RGKCSSGFR	25	7
>ATM-Y332C RGKYSSGF	76	>ATM-Y332C RGKCSSGF	86	10
>ATM-Y332C RGKYSSGF	55	>ATM-Y332C RGKCSSGF	67	12
>ATM-Y332C RGKYSSGF	37	>ATM-Y332C RGKCSSGF	47	10
>ATM-Y332C RGKYSSGFR	344	>ATM-Y332C RGKCSSGFR	120	224
>ATM-Y332C RGKYSSGFRN	478	>ATM-Y332C RGKCSSGFRN	571	93
>ATM-Y332C SRGKYSSGFR	550	>ATM-Y332C SRGKCSSGFR	424	126
>ATM-Y332C SRGKYSSGF	49	>ATM-Y332C SRGKCSSGF	87	38
>ATM-Y332C SRGKYSSGFR	304	>ATM-Y332C SRGKCSSGFR	193	111
>ATM-Y332C SRGKYSSGF	180	>ATM-Y332C SRGKCSSGF	274	94
>ATM-Y332C SRGKYSSGFR	549	>ATM-Y332C SRGKCSSGFR	222	327
>ATM-Y332C GSRGKYSSG	373	>ATM-Y332C GSRGKCSSG	2336	1963
>ATM-Y332C GSRGKYSSGF	39	>ATM-Y332C GSRGKCSSGF	120	81
>ATM-Y332C GSRGKYSSGF	33	>ATM-Y332C GSRGKCSSGF	72	39
>ATM-Y332C GSRGKYSSGF	171	>ATM-Y332C GSRGKCSSGF	174	3
>ATM-Y332C GSRGKYSSGF	187	>ATM-Y332C GSRGKCSSGF	350	163
>ATM-Y332C GSRGKYSSGF	4	>ATM-Y332C GSRGKCSSGF	4	0

>ATM-Y332C GSRGKYSSG	709	>ATM-Y332C GSRGKCSSG	348	361
>ATM-Y332C GSRGKYSSGF	67	>ATM-Y332C GSRGKCSSGF	48	19
>ATM-Y332C IGSRGKYSSGI	363	>ATM-Y332C IGSRGKCSSGI	388	25
>ATM-Y332C IGSRGKYSSGI	124	>ATM-Y332C IGSRGKCSSGI	128	4
>ATM-Y332C HIGSRGKY	453	>ATM-Y332C HIGSRGKC	25471	25018
>ATM-Y332C HIGSRGKY	161	>ATM-Y332C HIGSRGKC	26350	26189
>ATM-Y332C HIGSRGKY	331	>ATM-Y332C HIGSRGKC	27059	26728
>ATM-Y332C HIGSRGKY	493	>ATM-Y332C HIGSRGKC	28266	27773
>ATM-Y332C HIGSRGKY	349	>ATM-Y332C HIGSRGKC	39050	38701
>ATM-Y332C SHIGSRGKY	153	>ATM-Y332C SHIGSRGKC	27946	27793
>ATM-Y332C SHIGSRGKY	40	>ATM-Y332C SHIGSRGKC	17219	17179
>ATM-Y332C ISHIGSRGKY	3	>ATM-Y332C ISHIGSRGKC	2733	2730
>ATM-Y332C ISHIGSRGKY	58	>ATM-Y332C ISHIGSRGKC	15468	15410
>BAP1-C91W CATHALLSV	712	>BAP1-C91W WATHALLSV	179	533
>BAP1-C91W CATHALLSV	125	>BAP1-C91W WATHALLSV	20	105
>BAP1-C91W CATHALLSVLI	2960	>BAP1-C91W WATHALLSVI	375	2585
>BAP1-C91W CATHALLSV	2986	>BAP1-C91W WATHALLSV	138	2848
>BAP1-C91W CATHALLSV	488	>BAP1-C91W WATHALLSV	128	360
>BAP1-C91W CATHALLSVLI	950	>BAP1-C91W WATHALLSVI	286	664
>BAP1-C91W CATHALLSV	4459	>BAP1-C91W WATHALLSV	270	4189
>BAP1-C91W CATHALLSVL	1638	>BAP1-C91W WATHALLSVI	253	1385
>BAP1-C91W CATHALLSVLI	2623	>BAP1-C91W WATHALLSVI	475	2148
>BAP1-C91W CATHALLSVLI	2997	>BAP1-C91W WATHALLSVI	348	2649
>BAP1-C91W CATHALLSVLI	201	>BAP1-C91W WATHALLSVI	396	195
>BAP1-C91W CATHALLSVLI	8740	>BAP1-C91W WATHALLSVI	481	8259
>BAP1-C91W CATHALLSVL	148	>BAP1-C91W WATHALLSVI	205	57
>BAP1-C91W CATHALLSVLI	392	>BAP1-C91W WATHALLSVI	4335	3943
>BAP1-C91W SCATHALLSV	262	>BAP1-C91W SWATHALLSV	1362	1100
>BAP1-C91W SCATHALL	14492	>BAP1-C91W SWATHALL	451	14041
>BAP1-C91W SCATHALLSVI	19842	>BAP1-C91W SWATHALLSV	332	19510
>BAP1-C91W SCATHALLSVI	219	>BAP1-C91W SWATHALLSV	2118	1899
>BAP1-C91W SCATHALL	31624	>BAP1-C91W SWATHALL	115	31509
>BAP1-C91W SCATHALLSV	21440	>BAP1-C91W SWATHALLSV	76	21364
>BAP1-C91W SCATHALLSVI	33461	>BAP1-C91W SWATHALLSV	104	33357
>BAP1-C91W FFAHQLIPNSI	10640	>BAP1-C91W FFAHQLIPNSI	94	10546
>BAP1-C91W NSCATHALLS	1182	>BAP1-C91W NSWATHALLS	284	898
>BAP1-C91W NSCATHAL	940	>BAP1-C91W NSWATHAL	289	651
>BAP1-C91W NSCATHALL	1570	>BAP1-C91W NSWATHALL	407	1163
>BAP1-C91W NSCATHALLS	423	>BAP1-C91W NSWATHALLS	118	305
>BAP1-C91W NSCATHAL	3098	>BAP1-C91W NSWATHAL	62	3036
>BAP1-C91W NSCATHALL	6340	>BAP1-C91W NSWATHALL	145	6195
>BAP1-C91W NSCATHALLS	982	>BAP1-C91W NSWATHALLS	20	962
>BAP1-C91W NSCATHAL	704	>BAP1-C91W NSWATHAL	144	560

>BAP1-C91W NSCATHALL	281	>BAP1-C91W NSWATHALL	62	219
>BAP1-C91W NSCATHAL	3681	>BAP1-C91W NSWATHAL	438	3243
>BAP1-C91W NSCATHAL	67	>BAP1-C91W NSWATHAL	115	48
>BAP1-C91W NSCATHALL	398	>BAP1-C91W NSWATHALL	688	290
>BAP1-C91W NSCATHALL	187	>BAP1-C91W NSWATHALL	86	101
>BAP1-C91W NSCATHALL	1037	>BAP1-C91W NSWATHALL	322	715
>BAP1-C91W IPNSCATHAL	10	>BAP1-C91W IPNSWATHAI	67	57
>BAP1-C91W IPNSCATHALI	54	>BAP1-C91W IPNSWATHAI	462	408
>BAP1-C91W IPNSCATHAL	897	>BAP1-C91W IPNSWATHAI	334	563
>BAP1-C91W IPNSCATHALI	45	>BAP1-C91W IPNSWATHAI	84	39
>BAP1-C91W IPNSCATH	56	>BAP1-C91W IPNSWATH	45	11
>BAP1-C91W IPNSCATHALI	363	>BAP1-C91W IPNSWATHAI	424	61
>BAP1-C91W IPNSCATHAL	126	>BAP1-C91W IPNSWATHAI	51	75
>BAP1-C91W IPNSCATHALI	1149	>BAP1-C91W IPNSWATHAI	435	714
>BAP1-C91W IPNSCATHALI	85	>BAP1-C91W IPNSWATHAI	106	21
>BAP1-C91W IPNSCATHA	19	>BAP1-C91W IPNSWATHA	35	16
>BAP1-C91W IPNSCATHAL	335	>BAP1-C91W IPNSWATHAI	151	184
>BAP1-C91W IPNSCATHAL	159	>BAP1-C91W IPNSWATHAI	99	60
>BAP1-C91W IPNSCATHALI	484	>BAP1-C91W IPNSWATHAI	279	205
>BAP1-C91W LIPNSCATHAI	151	>BAP1-C91W LIPNSWATHA	208	57
>BAP1-C91W LIPNSCATHAI	173	>BAP1-C91W LIPNSWATHA	210	37
>BAP1-C91W LIPNSCAT	4410	>BAP1-C91W LIPNSWAT	341	4069
>BAP1-C91W LIPNSCATHAI	133	>BAP1-C91W LIPNSWATHA	59	74
>BAP1-C91W LIPNSCATHAI	421	>BAP1-C91W LIPNSWATHA	134	287
>BAP1-C91W LIPNSCATHA	591	>BAP1-C91W LIPNSWATHA	293	298
>BAP1-C91W LIPNSCATHAI	35	>BAP1-C91W LIPNSWATHA	26	9
>BAP1-C91W LIPNSCATHAI	43	>BAP1-C91W LIPNSWATHA	53	10
>BAP1-C91W QLIPNSCAT	6779	>BAP1-C91W QLIPNSWAT	481	6298
>BAP1-C91W QLIPNSCATH	1421	>BAP1-C91W QLIPNSWATH	369	1052
>BAP1-C91W QLIPNSCA	461	>BAP1-C91W QLIPNSWA	96	365
>BAP1-C91W QLIPNSCAT	1562	>BAP1-C91W QLIPNSWAT	173	1389
>BAP1-C91W QLIPNSCATH	151	>BAP1-C91W QLIPNSWATH	105	46
>BAP1-C91W QLIPNSCA	308	>BAP1-C91W QLIPNSWA	45	263
>BAP1-C91W QLIPNSCATH	42	>BAP1-C91W QLIPNSWATH	27	15
>BAP1-C91W QLIPNSCA	1470	>BAP1-C91W QLIPNSWA	283	1187
>BAP1-C91W QLIPNSCAT	760	>BAP1-C91W QLIPNSWAT	63	697
>BAP1-C91W QLIPNSCATH	117	>BAP1-C91W QLIPNSWATH	42	75
>BAP1-C91W QLIPNSCA	912	>BAP1-C91W QLIPNSWA	215	697
>BAP1-C91W QLIPNSCAT	452	>BAP1-C91W QLIPNSWAT	79	373
>BAP1-C91W QLIPNSCATH	613	>BAP1-C91W QLIPNSWATH	116	497
>BAP1-C91W QLIPNSCA	260	>BAP1-C91W QLIPNSWA	322	62
>BAP1-C91W QLIPNSCAT	234	>BAP1-C91W QLIPNSWAT	20	214
>BAP1-C91W QLIPNSCATH	125	>BAP1-C91W QLIPNSWATH	50	75

>BAP1-C91W QLIPNSCATH	1053	>BAP1-C91W QLIPNSWATH	280	773
>BAP1-C91W QLIPNSCA	88	>BAP1-C91W QLIPNSWA	18	70
>BAP1-C91W QLIPNSCAT	96	>BAP1-C91W QLIPNSWAT	23	73
>BAP1-C91W QLIPNSCATH	30	>BAP1-C91W QLIPNSWATH	12	18
>BAP1-C91W HQLIPNSCAT	952	>BAP1-C91W HQLIPNSWA	420	532
>BAP1-C91W HQLIPNSC	2080	>BAP1-C91W HQLIPNSW	175	1905
>BAP1-C91W HQLIPNSCAT	312	>BAP1-C91W HQLIPNSWA	360	48
>BAP1-C91W FAHQLIPNSC	21801	>BAP1-C91W FAHQLIPNSW	30	21771
>BAP1-C91W FAHQLIPNSC	22930	>BAP1-C91W FAHQLIPNSW	148	22782
>BAP1-C91W FAHQLIPNSC	18736	>BAP1-C91W FAHQLIPNSW	26	18710
>BAP1-C91W FAHQLIPNSC	20795	>BAP1-C91W FAHQLIPNSW	72	20723
>BAP1-D672\DEFICTFI	70	>BAP1-D672\GEFICTFI	169	99
>BAP1-D672\DEFICTFISM	95	>BAP1-D672\GEFICTFISM	222	127
>BAP1-D672\DEFICTFISML	38	>BAP1-D672\GEFICTFISML	69	31
>BAP1-D672\DEFICTFISM	1877	>BAP1-D672\GEFICTFISM	418	1459
>BAP1-D672\DEFICTFI	42	>BAP1-D672\GEFICTFI	7600	7558
>BAP1-D672\DEFICTFIS	29	>BAP1-D672\GEFICTFIS	6381	6352
>BAP1-D672\DEFICTFISM	150	>BAP1-D672\GEFICTFISM	1622	1472
>BAP1-D672\DEFICTFISML	9	>BAP1-D672\GEFICTFISML	1309	1300
>BAP1-D672\DEFICTFI	1341	>BAP1-D672\GEFICTFI	39	1302
>BAP1-D672\DEFICTFISML	245	>BAP1-D672\GEFICTFISML	10	235
>BAP1-D672\DEFICTFI	520	>BAP1-D672\GEFICTFI	19	501
>BAP1-D672\DEFICTFIS	2018	>BAP1-D672\GEFICTFIS	60	1958
>BAP1-D672\DEFICTFISM	254	>BAP1-D672\GEFICTFISM	112	142
>BAP1-D672\DEFICTFISML	157	>BAP1-D672\GEFICTFISML	10	147
>BAP1-D672\DEFICTFISML	1110	>BAP1-D672\GEFICTFISML	379	731
>BAP1-D672\DEFICTFI	276	>BAP1-D672\GEFICTFI	131	145
>BAP1-D672\DEFICTFIS	883	>BAP1-D672\GEFICTFIS	402	481
>BAP1-D672\DEFICTFISML	145	>BAP1-D672\GEFICTFISML	75	70
>BAP1-D672\DEFICTFISML	6532	>BAP1-D672\GEFICTFISML	282	6250
>BAP1-D672\DEFICTFI	376	>BAP1-D672\GEFICTFI	13	363
>BAP1-D672\DEFICTFIS	2015	>BAP1-D672\GEFICTFIS	50	1965
>BAP1-D672\DEFICTFISM	1162	>BAP1-D672\GEFICTFISM	88	1074
>BAP1-D672\DEFICTFISML	52	>BAP1-D672\GEFICTFISML	3	49
>BAP1-D672\YDEFICTFI	44	>BAP1-D672\YGEFICTFI	299	255
>BAP1-D672\YDEFICTF	2500	>BAP1-D672\YGEFICTF	429	2071
>BAP1-D672\YDEFICTFISM	2869	>BAP1-D672\YGEFICTFISM	499	2370
>BAP1-D672\YDEFICTFI	457	>BAP1-D672\YGEFICTFI	181	276
>BAP1-D672\YDEFICTFISM	180	>BAP1-D672\YGEFICTFISM	65	115
>BAP1-D672\YDEFICTFI	494	>BAP1-D672\YGEFICTFI	21281	20787
>BAP1-D672\NYDEFICTFI	207	>BAP1-D672\NYGEFICTFI	105	102
>BAP1-D672\NYDEFICTFI	190	>BAP1-D672\NYGEFICTFI	158	32
>BAP1-D672\NYDEFICTF	661	>BAP1-D672\NYGEFICTF	120	541

>BAP1-D672(NYDEFICTF	615	>BAP1-D672(NYGEFICTF	164	451
>BAP1-D672(NYDEFICTF	11	>BAP1-D672(NYGEFICTF	6	5
>BAP1-D672(NYDEFICTFI	163	>BAP1-D672(NYGEFICTFI	28	135
>BAP1-D672(HNYDEFICTFI	64	>BAP1-D672(HNYGEFICTFI	81	17
>BAP1-D672(HNYDEFICTF	409	>BAP1-D672(HNYGEFICTF	565	156
>BAP1-D672(HNYDEFICTF	42	>BAP1-D672(HNYGEFICTF	88	46
>BAP1-D672(HNYDEFICTFI	126	>BAP1-D672(HNYGEFICTFI	138	12
>BAP1-D672(THNYDEFICTI	102	>BAP1-D672(THNYGEFICTI	101	1
>BAP1-D672(RTHNYDEFI	435	>BAP1-D672(RTHNYGEFI	138	297
>BAP1-D672(RTHNYDEF	81	>BAP1-D672(RTHNYGEF	79	2
>BAP1-D672(RTHNYDEF	1654	>BAP1-D672(RTHNYGEF	321	1333
>BAP1-D672(RTHNYDEFI	33	>BAP1-D672(RTHNYGEFI	15	18
>BAP1-D672(RTHNYDEFIC	531	>BAP1-D672(RTHNYGEFIC	339	192
>BAP1-D672(RTHNYDEF	36	>BAP1-D672(RTHNYGEF	137	101
>BAP1-D672(RTHNYDEFI	142	>BAP1-D672(RTHNYGEFI	185	43
>BAP1-D672(RTHNYDEFI	376	>BAP1-D672(RTHNYGEFI	1604	1228
>BAP1-D672(RTHNYDEF	229	>BAP1-D672(RTHNYGEF	112	117
>BAP1-D672(RTHNYDEF	49	>BAP1-D672(RTHNYGEF	38	11
>BAP1-D672(RTHNYDEF	5	>BAP1-D672(RTHNYGEF	4	1
>BAP1-D672(RTHNYDEFI	49	>BAP1-D672(RTHNYGEFI	28	21
>BAP1-D672(RTHNYDEF	499	>BAP1-D672(RTHNYGEF	703	204
>BAP1-D672(RTHNYDEF	135	>BAP1-D672(RTHNYGEF	440	305
>BAP1-D672(RTHNYDEFI	1854	>BAP1-D672(RTHNYGEFI	481	1373
>BAP1-D672(RTHNYDEF	193	>BAP1-D672(RTHNYGEF	76	117
>BAP1-D672(RTHNYDEFI	321	>BAP1-D672(RTHNYGEFI	76	245
>BAP1-D672(RTHNYDEFI	13	>BAP1-D672(RTHNYGEFI	9	4
>BAP1-D672(RRTHNYDEF	12	>BAP1-D672(RRTHNYGEF	17	5
>BAP1-D672(RRTHNYDEFI	459	>BAP1-D672(RRTHNYGEFI	259	200
>BAP1-D672(RRTHNYDEF	196	>BAP1-D672(RRTHNYGEF	90	106
>BAP1-D672(RRTHNYDEFI	26	>BAP1-D672(RRTHNYGEFI	23	3
>BAP1-D672(RRTHNYDE	199	>BAP1-D672(RRTHNYGE	520	321
>BAP1-D672(RRTHNYDEF	96	>BAP1-D672(RRTHNYGEF	86	10
>BAP1-D672(RRTHNYDEFI	103	>BAP1-D672(RRTHNYGEFI	113	10
>BAP1-D672(RRTHNYDEFI	266	>BAP1-D672(RRTHNYGEFI	216	50
>BAP1-D672(RRTHNYDEF	88	>BAP1-D672(RRTHNYGEF	46	42
>BAP1-D672(RRTHNYDEFI	56	>BAP1-D672(RRTHNYGEFI	51	5
>BAP1-D672(RRTHNYDEF	272	>BAP1-D672(RRTHNYGEF	301	29
>BAP1-D672(QRRTHNYDEI	20	>BAP1-D672(QRRTHNYGEI	26	6
>BAP1-D672(QRRTHNYDEI	729	>BAP1-D672(QRRTHNYGEI	429	300
>BAP1-D672(QRRTHNYDEI	498	>BAP1-D672(QRRTHNYGEI	156	342
>BAP1-D672(QRRTHNYDEI	483	>BAP1-D672(QRRTHNYGEI	316	167
>BAP1-D672(QRRTHNYDEI	2738	>BAP1-D672(QRRTHNYGEI	425	2313
>BAP1-D672(QRRTHNYDEI	1034	>BAP1-D672(QRRTHNYGEI	474	560



>BAP1-D672(DQRRTHNYD	27	>BAP1-D672(DQRRTHNYG	34	7
>BAP1-G128IGYAIGNAPEL	587	>BAP1-G128IRYAIGNAPEL	367	220
>BAP1-G128IGYAIGNAPEL	1536	>BAP1-G128IRYAIGNAPEL	330	1206
>BAP1-G128IGYAIGNAPEL	1793	>BAP1-G128IRYAIGNAPEL	369	1424
>BAP1-G128IGYAIGNAPEL	34	>BAP1-G128IRYAIGNAPEL	8	26
>BAP1-G128IKGYAIGNAPE	1328	>BAP1-G128IKRYAIGNAPE	42	1286
>BAP1-G128IKGYAIGNAPE	213	>BAP1-G128IKRYAIGNAPE	13207	12994
>BAP1-G128IKGYAIGNA	23926	>BAP1-G128IKRYAIGNA	126	23800
>BAP1-G128IKGYAIGNAPE	21114	>BAP1-G128IKRYAIGNAPE	44	21070
>BAP1-G128IKGYAIGNAPE	7877	>BAP1-G128IKRYAIGNAPE	130	7747
>BAP1-G128IKGYAIGNA	28812	>BAP1-G128IKRYAIGNA	296	28516
>BAP1-G128IKGYAIGNAP	26762	>BAP1-G128IKRYAIGNAP	414	26348
>BAP1-G128IKGYAIGNAPE	2978	>BAP1-G128IKRYAIGNAPE	20	2958
>BAP1-G128IKGYAIGNAPE	8261	>BAP1-G128IKRYAIGNAPE	10	8251
>BAP1-G128IFTKGFSPESK	22898	>BAP1-G128IFTKGFSPESK	238	22660
>BAP1-G128IFTKGFSPESK	27123	>BAP1-G128IFTKGFSPESK	181	26942
>BAP1-G128IFTKGFSPESK	19830	>BAP1-G128IFTKGFSPESK	11	19819
>BAP1-G128IPESKGYAI	300	>BAP1-G128IPESKRYAI	3956	3656
>BAP1-G128IPESKGYAI	428	>BAP1-G128IPESKRYAI	2225	1797
>BAP1-G128IPESKGYAI	218	>BAP1-G128IPESKRYAI	1412	1194
>BAP1-G128IPESKGYAI	1172	>BAP1-G128IPESKRYAI	236	936
>BAP1-G128IPESKGYAI	24	>BAP1-G128IPESKRYAI	16	8
>BAP1-G128IPESKGYAI	477	>BAP1-G128IPESKRYAI	55	422
>BAP1-G128IPESKGYAI	330	>BAP1-G128IPESKRYAI	342	12
>BAP1-G128IFSPESKGYAI	207	>BAP1-G128IFSPESKRYAI	502	295
>BAP1-G128IFSPESKGYA	280	>BAP1-G128IFSPESKRYA	1752	1472
>BAP1-G128IFSPESKGYAI	135	>BAP1-G128IFSPESKRYAI	120	15
>BAP1-G128IFSPESKGY	42	>BAP1-G128IFSPESKRY	36	6
>BAP1-G128IFSPESKGY	382	>BAP1-G128IFSPESKRY	91	291
>BAP1-G128IFSPESKGYA	753	>BAP1-G128IFSPESKRYA	313	440
>BAP1-G128IFSPESKGYAI	15	>BAP1-G128IFSPESKRYAI	15	0
>BAP1-G128IFSPESKGYAIC	242	>BAP1-G128IFSPESKRYAIC	189	53
>BAP1-G128IFSPESKGYAI	76	>BAP1-G128IFSPESKRYAI	195	119
>BAP1-G128IGFSPESKGYA	537	>BAP1-G128IGFSPESKRYA	474	63
>BAP1-G128IGFSPESKGY	116	>BAP1-G128IGFSPESKRY	83	33
>BAP1-G128IGFSPESKGY	1206	>BAP1-G128IGFSPESKRY	301	905
>BAP1-G128IKGFSPESKGY	605	>BAP1-G128IKGFSPESKRY	369	236
>BAP1-G128IKGFSPESKG	22020	>BAP1-G128IKGFSPESKR	95	21925
>BAP1-G128IKGFSPESKGY	181	>BAP1-G128IKGFSPESKRY	269	88
>BAP1-G128IKGFSPESKGY	34	>BAP1-G128IKGFSPESKRY	30	4
>BAP1-G128IKGFSPESKG	33696	>BAP1-G128IKGFSPESKR	136	33560
>BAP1-G128ITKGFSPESKG	221	>BAP1-G128ITKGFSPESKR	308	87
>BAP1-H169(HFVSYVPI	187	>BAP1-H169(QFVSYVPI	401	214

>BAP1-H169(HFVSYVPI	258	>BAP1-H169(QFVSYVPI	721	463
>BAP1-H169(HFVSYVPITGI	25	>BAP1-H169(QFVSYVPITGI	103	78
>BAP1-H169(HFVSYVPITGI	64	>BAP1-H169(QFVSYVPITGI	493	429
>BAP1-H169(HFVSYVPITGI	77	>BAP1-H169(QFVSYVPITGI	222	145
>BAP1-H169(HFVSYVPITGI	36	>BAP1-H169(QFVSYVPITGI	99	63
>BAP1-H169(HFVSYVPI	347	>BAP1-H169(QFVSYVPI	285	62
>BAP1-H169(FHFVSYVPI	561	>BAP1-H169(FQFVSYVPI	29	532
>BAP1-H169(FHFVSYVPI	157	>BAP1-H169(FQFVSYVPI	204	47
>BAP1-H169(FHFVSYVPI	324	>BAP1-H169(FQFVSYVPI	154	170
>BAP1-H169(FHFVSYVPI	13143	>BAP1-H169(FQFVSYVPI	21	13122
>BAP1-H169(FHFVSYVPI	1131	>BAP1-H169(FQFVSYVPI	19	1112
>BAP1-H169(FHFVSYVPI	7668	>BAP1-H169(FQFVSYVPI	18	7650
>BAP1-H169(FHFVSYVPI	1364	>BAP1-H169(FQFVSYVPI	6	1358
>BAP1-H169(FHFVSYVPIT	9406	>BAP1-H169(FQFVSYVPIT	193	9213
>BAP1-H169(FHFVSYVPI	6220	>BAP1-H169(FQFVSYVPI	87	6133
>BAP1-H169(FHFVSYVPI	9199	>BAP1-H169(FQFVSYVPI	101	9098
>BAP1-H169(FHFVSYVPI	10472	>BAP1-H169(FQFVSYVPI	246	10226
>BAP1-H169(FHFVSYVPI	3177	>BAP1-H169(FQFVSYVPI	351	2826
>BAP1-H169(FHFVSYVPI	14412	>BAP1-H169(FQFVSYVPI	53	14359
>BAP1-H169(FHFVSYVPI	8646	>BAP1-H169(FQFVSYVPI	363	8283
>BAP1-H169(FHFVSYVP	755	>BAP1-H169(FQFVSYVP	48	707
>BAP1-H169(FHFVSYVPI	5	>BAP1-H169(FQFVSYVPI	2	3
>BAP1-H169(FHFVSYVPIT	418	>BAP1-H169(FQFVSYVPIT	25	393
>BAP1-H169(FHFVSYVPITC	1583	>BAP1-H169(FQFVSYVPITC	117	1466
>BAP1-H169(FHFVSYVPI	336	>BAP1-H169(FQFVSYVPI	4847	4511
>BAP1-H169(FHFVSYVPI	7195	>BAP1-H169(FQFVSYVPI	332	6863
>BAP1-H169(FHFVSYVPI	20	>BAP1-H169(FQFVSYVPI	26	6
>BAP1-H169(FHFVSYVPIT	458	>BAP1-H169(FQFVSYVPIT	905	447
>BAP1-H169(FHFVSYVPI	7522	>BAP1-H169(FQFVSYVPI	316	7206
>BAP1-H169(FHFVSYVPI	4886	>BAP1-H169(FQFVSYVPI	492	4394
>BAP1-H169(FHFVSYVPI	3063	>BAP1-H169(FQFVSYVPI	130	2933
>BAP1-H169(FHFVSYVPI	1237	>BAP1-H169(FQFVSYVPI	397	840
>BAP1-H169(FHFVSYVPI	138	>BAP1-H169(FQFVSYVPI	2450	2312
>BAP1-H169(FHFVSYVPI	1329	>BAP1-H169(FQFVSYVPI	241	1088
>BAP1-H169(AFHFVSYV	202	>BAP1-H169(AFQFVSYV	310	108
>BAP1-H169(AFHFVSYV	132	>BAP1-H169(AFQFVSYV	353	221
>BAP1-H169(AFHFVSYVP	180	>BAP1-H169(AFQFVSYVP	114	66
>BAP1-H169(AFHFVSYV	99	>BAP1-H169(AFQFVSYV	3752	3653
>BAP1-H169(AFHFVSYVP	27	>BAP1-H169(AFQFVSYVP	1028	1001
>BAP1-H169(AFHFVSYVP	380	>BAP1-H169(AFQFVSYVP	360	20
>BAP1-H169(EAFHFVSYV	126	>BAP1-H169(EAFQFVSYV	203	77
>BAP1-H169(EAFHFVSYVP	86	>BAP1-H169(EAFQFVSYVP	99	13
>BAP1-H169(EAFHFVSYV	331	>BAP1-H169(EAFQFVSYV	516	185

>BAP1-H169(EAFHFVSYV	222	>BAP1-H169(EAFQFVSYV	633	411
>BAP1-H169(EAFHFVSYV	223	>BAP1-H169(EAFQFVSYV	365	142
>BAP1-H169(EAFHFVSYV	23	>BAP1-H169(EAFQFVSYV	13	10
>BAP1-H169(EAFHFVSYV	587	>BAP1-H169(EAFQFVSYV	351	236
>BAP1-H169(EAFHFVSYV	865	>BAP1-H169(EAFQFVSYV	234	631
>BAP1-H169(EAFHFVSY	105	>BAP1-H169(EAFQFVSY	98	7
>BAP1-H169(EAFHFVSY	91	>BAP1-H169(EAFQFVSY	110	19
>BAP1-H169(EAFHFVSY	381	>BAP1-H169(EAFQFVSY	317	64
>BAP1-H169(EAFHFVSY	450	>BAP1-H169(EAFQFVSY	84	366
>BAP1-H169(EAFHFVSY	27	>BAP1-H169(EAFQFVSY	23	4
>BAP1-H169(EAFHFVSYV	275	>BAP1-H169(EAFQFVSYV	237	38
>BAP1-H169(EAFHFVSYV	6	>BAP1-H169(EAFQFVSYV	6	0
>BAP1-H169(EAFHFVSYVP	6	>BAP1-H169(EAFQFVSYVP	7	1
>BAP1-H169(EAFHFVSYV	5	>BAP1-H169(EAFQFVSYV	4	1
>BAP1-H169(EAFHFVSYVP	13	>BAP1-H169(EAFQFVSYVP	10	3
>BAP1-H169(EAFHFVSY	163	>BAP1-H169(EAFQFVSY	170	7
>BAP1-H169(EAFHFVSY	14	>BAP1-H169(EAFQFVSY	31	17
>BAP1-H169(EAFHFVSYV	154	>BAP1-H169(EAFQFVSYV	633	479
>BAP1-H169(EAFHFVSYVP	52	>BAP1-H169(EAFQFVSYVP	154	102
>BAP1-H169(EAFHFVSY	47	>BAP1-H169(EAFQFVSY	45	2
>BAP1-H169(EAFHFVSY	26	>BAP1-H169(EAFQFVSY	22	4
>BAP1-H169(EAFHFVSYVP	82	>BAP1-H169(EAFQFVSYVP	77	5
>BAP1-H169(MEAFHFVSY\	50	>BAP1-H169(MEAFQFVSY\	28	22
>BAP1-H169(MEAFHFVSY	60	>BAP1-H169(MEAFQFVSY	100	40
>BAP1-H169(MEAFHFVSY\	359	>BAP1-H169(MEAFQFVSY\	638	279
>BAP1-H169(MEAFHFVSY	57	>BAP1-H169(MEAFQFVSY	88	31
>BAP1-H169(MEAFHFVSY	29	>BAP1-H169(MEAFQFVSY	42	13
>BAP1-H169(MEAFHFVS	495	>BAP1-H169(MEAFQFVS	1278	783
>BAP1-H169(MEAFHFVSY	7	>BAP1-H169(MEAFQFVSY	9	2
>BAP1-H169(MEAFHFVSY	217	>BAP1-H169(MEAFQFVSY	232	15
>BAP1-H169(MEAFHFVSY\	135	>BAP1-H169(MEAFQFVSY\	119	16
>BAP1-H169(MEAFHFVSY\	170	>BAP1-H169(MEAFQFVSY\	143	27
>BAP1-H169(MEAFHFVSY	50	>BAP1-H169(MEAFQFVSY	84	34
>BAP1-H169(MEAFHFVSY\	186	>BAP1-H169(MEAFQFVSY\	158	28
>BAP1-H169(MEAFHFVS	12	>BAP1-H169(MEAFQFVS	26	14
>BAP1-H169(MEAFHFVSY	68	>BAP1-H169(MEAFQFVSY	151	83
>BAP1-H169(MEAFHFVSY\	156	>BAP1-H169(MEAFQFVSY\	204	48
>BAP1-H169(MEAFHFVSY\	134	>BAP1-H169(MEAFQFVSY\	298	164
>BAP1-H169(MEAFHFVSY	467	>BAP1-H169(MEAFQFVSY	993	526
>BAP1-H169(MEAFHFVSY\	25	>BAP1-H169(MEAFQFVSY\	49	24
>BAP1-H169(TMEAFHFVS\	533	>BAP1-H169(TMEAFQFVS\	242	291
>BAP1-H169(TMEAFHFV	47	>BAP1-H169(TMEAFQFV	73	26
>BAP1-H169(TMEAFHFVS\	47	>BAP1-H169(TMEAFQFVS\	34	13

>BAP1-H169(TMEAFHFV	7	>BAP1-H169(TMEAFQFV	10	3
>BAP1-H169(TMEAFHFVS)	8	>BAP1-H169(TMEAFQFVS)	7	1
>BAP1-H169(TMEAFHFV	60	>BAP1-H169(TMEAFQFV	81	21
>BAP1-H169(TMEAFHFVS)	22	>BAP1-H169(TMEAFQFVS)	23	1
>BAP1-H169(TMEAFHFV	29	>BAP1-H169(TMEAFQFV	39	10
>BAP1-H169(TMEAFHFVS)	74	>BAP1-H169(TMEAFQFVS)	75	1
>BAP1-H169(TMEAFHFV	7	>BAP1-H169(TMEAFQFV	10	3
>BAP1-H169(TMEAFHFVS)	3	>BAP1-H169(TMEAFQFVS)	3	0
>BAP1-H169(TMEAFHFV	12	>BAP1-H169(TMEAFQFV	18	6
>BAP1-H169(TMEAFHFVS)	12	>BAP1-H169(TMEAFQFVS)	9	3
>BAP1-H169(TMEAFHFV	21	>BAP1-H169(TMEAFQFV	24	3
>BAP1-H169(TMEAFHFVS)	28	>BAP1-H169(TMEAFQFVS)	23	5
>BAP1-H169(TMEAFHFV	46	>BAP1-H169(TMEAFQFV	72	26
>BAP1-H169(TMEAFHFVS)	33	>BAP1-H169(TMEAFQFVS)	13	20
>BAP1-H169(TMEAFHFV	3	>BAP1-H169(TMEAFQFV	3	0
>BAP1-H169(TMEAFHFVS)	3	>BAP1-H169(TMEAFQFVS)	2	1
>BAP1-H169(TMEAFHFVS)	184	>BAP1-H169(TMEAFQFVS)	123	61
>BAP1-H169(TMEAFHFVS)	99	>BAP1-H169(TMEAFQFVS)	80	19
>BAP1-H169(TMEAFHFV	232	>BAP1-H169(TMEAFQFV	493	261
>BAP1-H169(TMEAFHFVS)	254	>BAP1-H169(TMEAFQFVS)	265	11
>BAP1-H169(TMEAFHFV	57	>BAP1-H169(TMEAFQFV	278	221
>BAP1-H169(TMEAFHFVS)	104	>BAP1-H169(TMEAFQFVS)	134	30
>BAP1-H169(TMEAFHFVS)	229	>BAP1-H169(TMEAFQFVS)	186	43
>BAP1-H169(TMEAFHFVS)	108	>BAP1-H169(TMEAFQFVS)	179	71
>BAP1-H169(TMEAFHFVS)	96	>BAP1-H169(TMEAFQFVS)	123	27
>BAP1-H169(TMEAFHFVS)	134	>BAP1-H169(TMEAFQFVS)	223	89
>BAP1-H169(RTMEAFHFV!	437	>BAP1-H169(RTMEAFQFV!	701	264
>BAP1-H169(RTMEAFHFV	9	>BAP1-H169(RTMEAFQFV	15	6
>BAP1-H169(RTMEAFHFV	6	>BAP1-H169(RTMEAFQFV	12	6
>BAP1-H169(RTMEAFHFV	8	>BAP1-H169(RTMEAFQFV	12	4
>BAP1-H169(RTMEAFHF	26	>BAP1-H169(RTMEAFQF	61	35
>BAP1-H169(RTMEAFHFV	2	>BAP1-H169(RTMEAFQFV	3	1
>BAP1-H169(RTMEAFHFV!	144	>BAP1-H169(RTMEAFQFV!	288	144
>BAP1-H169(RTMEAFHFV	4	>BAP1-H169(RTMEAFQFV	6	2
>BAP1-H169(RTMEAFHFV	5	>BAP1-H169(RTMEAFQFV	15	10
>BAP1-H169(RTMEAFHFV	10	>BAP1-H169(RTMEAFQFV	16	6
>BAP1-H169(RTMEAFHFV	5	>BAP1-H169(RTMEAFQFV	18	13
>BAP1-H169(RTMEAFHFV	14	>BAP1-H169(RTMEAFQFV	42	28
>BAP1-H169(RTMEAFHFV!	71	>BAP1-H169(RTMEAFQFV!	97	26
>BAP1-H169(RTMEAFHFV	257	>BAP1-H169(RTMEAFQFV	2170	1913
>BAP1-H169(RTMEAFHFV!	10	>BAP1-H169(RTMEAFQFV!	15	5
>BAP1-H169(RTMEAFHF	128	>BAP1-H169(RTMEAFQF	262	134
>BAP1-H169(RTMEAFHF	183	>BAP1-H169(RTMEAFQF	184	1

>BAP1-H169(RTMEAFHF	16	>BAP1-H169(RTMEAFQF	14	2
>BAP1-H169(RTMEAFHFV!	63	>BAP1-H169(RTMEAFQFV!	106	43
>BAP1-H169(RTMEAFHF	88	>BAP1-H169(RTMEAFQF	283	195
>BAP1-H169(RTMEAFHFV!	19	>BAP1-H169(RTMEAFQFV!	33	14
>BAP1-H169(RTMEAFHFV!	46	>BAP1-H169(RTMEAFQFV!	40	6
>BAP1-H169(RTMEAFHFV!	64	>BAP1-H169(RTMEAFQFV!	128	64
>BAP1-H169(RTMEAFHFV	11	>BAP1-H169(RTMEAFQFV	11	0
>BAP1-H169(RTMEAFHFV!	144	>BAP1-H169(RTMEAFQFV!	292	148
>BAP1-H169(RTMEAFHFV!	53	>BAP1-H169(RTMEAFQFV!	46	7
>BAP1-H169(RTMEAFHFV!	43	>BAP1-H169(RTMEAFQFV!	67	24
>BAP1-H169(RTMEAFHFV	110	>BAP1-H169(RTMEAFQFV	317	207
>BAP1-H169(RTMEAFHFV!	388	>BAP1-H169(RTMEAFQFV!	726	338
>BAP1-H169(RTMEAFHF	12	>BAP1-H169(RTMEAFQF	8	4
>BAP1-H169(RTMEAFHFV!	18	>BAP1-H169(RTMEAFQFV!	20	2
>BAP1-H169(RTMEAFHFV!	410	>BAP1-H169(RTMEAFQFV!	790	380
>BAP1-H169(RTMEAFHFV	5	>BAP1-H169(RTMEAFQFV	13	8
>BAP1-H169(RTMEAFHFV	3	>BAP1-H169(RTMEAFQFV	6	3
>BAP1-H169(RTMEAFHFV!	52	>BAP1-H169(RTMEAFQFV!	45	7
>BAP1-H169(RTMEAFHF	51	>BAP1-H169(RTMEAFQF	100	49
>BAP1-H169(RTMEAFHFV!	36	>BAP1-H169(RTMEAFQFV!	37	1
>BAP1-H169(RTMEAFHF	25	>BAP1-H169(RTMEAFQF	34	9
>BAP1-H169(RTMEAFHFV	1167	>BAP1-H169(RTMEAFQFV	406	761
>BAP1-H169(RTMEAFHFV!	18	>BAP1-H169(RTMEAFQFV!	16	2
>BAP1-H169(RTMEAFHF	3	>BAP1-H169(RTMEAFQF	2	1
>BAP1-H169(RTMEAFHFV	107	>BAP1-H169(RTMEAFQFV	89	18
>BAP1-H169(RTMEAFHFV!	3	>BAP1-H169(RTMEAFQFV!	3	0
>BAP1-H169(RTMEAFHF	48	>BAP1-H169(RTMEAFQF	46	2
>BAP1-H169(RTMEAFHFV!	129	>BAP1-H169(RTMEAFQFV!	98	31
>BAP1-H169(RTMEAFHF	10	>BAP1-H169(RTMEAFQF	10	0
>BAP1-H169(RTMEAFHFV	477	>BAP1-H169(RTMEAFQFV	2523	2046
>BAP1-H169(RTMEAFHFV!	33	>BAP1-H169(RTMEAFQFV!	45	12
>BAP1-H169(RTMEAFHF	259	>BAP1-H169(RTMEAFQF	282	23
>BAP1-H169(RTMEAFHFV	19	>BAP1-H169(RTMEAFQFV	85	66
>BAP1-H169(RTMEAFHF	165	>BAP1-H169(RTMEAFQF	225	60
>BAP1-H169(RTMEAFHFV	413	>BAP1-H169(RTMEAFQFV	325	88
>BAP1-H169(RTMEAFHFV!	27	>BAP1-H169(RTMEAFQFV!	24	3
>BAP1-H169(RTMEAFHFV!	93	>BAP1-H169(RTMEAFQFV!	136	43
>BAP1-H169(RTMEAFHFV!	245	>BAP1-H169(RTMEAFQFV!	641	396
>BAP1-H169(RTMEAFHFV	329	>BAP1-H169(RTMEAFQFV	190	139
>BAP1-H169(VRTMEAFHF	110	>BAP1-H169(VRTMEAFQF	182	72
>BAP1-H169(VRTMEAFHF	302	>BAP1-H169(VRTMEAFQF	394	92
>BAP1-H169(VRTMEAFHF!	354	>BAP1-H169(VRTMEAFQF!	248	106
>BAP1-H169(AVRTMEAFH	474	>BAP1-H169(AVRTMEAFQ	1123	649

>BAP1-H169(AVRTMEAFH	110	>BAP1-H169(AVRTMEAFQ	157	47
>BAP1-H169(AVRTMEAFH	111	>BAP1-H169(AVRTMEAFQ	190	79
>BAP1-H169(AVRTMEAFH	14	>BAP1-H169(AVRTMEAFQ	24	10
>BAP1-H169(AVRTMEAFH	306	>BAP1-H169(AVRTMEAFQ	751	445
>BAP1-H169(AVRTMEAFH	81	>BAP1-H169(AVRTMEAFQ	28	53
>BAP1-H169(AVRTMEAFH	234	>BAP1-H169(AVRTMEAFQ	504	270
>BAP1-H169(AVRTMEAFH	6	>BAP1-H169(AVRTMEAFQ	6	0
>BAP1-H169(AVRTMEAFH	278	>BAP1-H169(AVRTMEAFQ	921	643
>BAP1-H169(AVRTMEAFH	335	>BAP1-H169(AVRTMEAFQ	540	205
>BAP1-H169(AVRTMEAFH	40	>BAP1-H169(AVRTMEAFQ	17	23
>BAP1-H169(AVRTMEAFH	1048	>BAP1-H169(AVRTMEAFQ	385	663
>BAP1-H169(SAVRTMEAFI	111	>BAP1-H169(SAVRTMEAFQ	239	128
>BAP1-H169(SAVRTMEAFI	295	>BAP1-H169(SAVRTMEAFQ	989	694
>BAP1-H169(SAVRTMEAFI	119	>BAP1-H169(SAVRTMEAFQ	182	63
>BAP1-H169(SAVRTMEAFI	16	>BAP1-H169(SAVRTMEAFQ	9	7
>BAP1-H169(SAVRTMEAFI	61	>BAP1-H169(SAVRTMEAFQ	63	2
>BAP1-H169(SAVRTMEAFI	847	>BAP1-H169(SAVRTMEAFQ	258	589
>BAP1-R227(CFNLMAVVP	16	>BAP1-R227(CFNLMAVVP	233	217
>BAP1-R227(CFNLMAVVP	81	>BAP1-R227(CFNLMAVVP	271	190
>BAP1-R227(IRFNLMV	2881	>BAP1-R227(ICFNLMV	385	2496
>BAP1-R227(IRFNLMV	1234	>BAP1-R227(ICFNLMV	67	1167
>BAP1-R227(IRFNLMVV	2494	>BAP1-R227(ICFNLMVV	162	2332
>BAP1-R227(IRFNLMV	3717	>BAP1-R227(ICFNLMV	396	3321
>BAP1-R227(IRFNLMV	5349	>BAP1-R227(ICFNLMV	409	4940
>BAP1-R227(IRFNLMVV	5312	>BAP1-R227(ICFNLMVV	468	4844
>BAP1-R227(IRFNLMV	46	>BAP1-R227(ICFNLMV	629	583
>BAP1-R227(IRFNLMVV	110	>BAP1-R227(ICFNLMVV	1415	1305
>BAP1-R227(IRFNLMV	108	>BAP1-R227(ICFNLMV	25045	24937
>BAP1-R227(IRFNLMVV	86	>BAP1-R227(ICFNLMVV	24295	24209
>BAP1-R227(IRFNLMVVF	478	>BAP1-R227(ICFNLMVVF	27186	26708
>BAP1-R227(IRFNLMVV	592	>BAP1-R227(ICFNLMVV	63	529
>BAP1-R227(IRFNLMVV	157	>BAP1-R227(ICFNLMVV	33150	32993
>BAP1-R227(ATAGEPYHDI	476	>BAP1-R227(ATAGEPYHDI	22978	22502
>BAP1-R227(ATAGEPYHDI	382	>BAP1-R227(ATAGEPYHDI	23945	23563
>BAP1-R227(ATAGEPYHDI	38	>BAP1-R227(ATAGEPYHDI	34039	34001
>BAP1-R227(ATAGEPYHDI	104	>BAP1-R227(ATAGEPYHDI	8371	8267
>BAP1-R227(DIRFNLMV	593	>BAP1-R227(DICFNLMV	76	517
>BAP1-R227(DIRFNLMV\	1646	>BAP1-R227(DICFNLMV\	409	1237
>BAP1-R227(DIRFNLMV	438	>BAP1-R227(DICFNLMV	185	253
>BAP1-R227(HDIRFNLM\	1666	>BAP1-R227(HDICFNLM\	466	1200
>BAP1-R227(HDIRFNLM	479	>BAP1-R227(HDICFNLM	830	351
>BAP1-R227(HDIRFNLMA	226	>BAP1-R227(HDICFNLMA	693	467
>BAP1-R227(HDIRFNLMA\	311	>BAP1-R227(HDICFNLMA\	822	511

>BAP1-R227(HDIRFNLMA\	329	>BAP1-R227(HDICFNLMA\	326	3
>BAP1-R227(HDIRFNLMA\	184	>BAP1-R227(HDICFNLMA\	168	16
>BAP1-R227(HDIRFNLMA\	119	>BAP1-R227(HDICFNLMA\	113	6
>BAP1-R227(YHDIRFNLM	492	>BAP1-R227(YHDICFNLM	1462	970
>BAP1-R227(YHDIRFNL	56	>BAP1-R227(YHDICFNL	62	6
>BAP1-R227(YHDIRFNLM	163	>BAP1-R227(YHDICFNLM	74	89
>BAP1-R227(YHDIRFNLM/	127	>BAP1-R227(YHDICFNLM/	84	43
>BAP1-R227(PYHDIRFNL	135	>BAP1-R227(PYHDICFNL	61	74
>BAP1-R227(PYHDIRFNL	65	>BAP1-R227(PYHDICFNL	62	3
>BAP1-R227(PYHDIRFNLM	282	>BAP1-R227(PYHDICFNLM	130	152
>BAP1-R227(EPYHDIRFNL	315	>BAP1-R227(EPYHDICFNL	348	33
>BAP1-R227(EPYHDIRFNL	160	>BAP1-R227(EPYHDICFNL	106	54
>BAP1-R227(EPYHDIRF	15	>BAP1-R227(EPYHDICF	12	3
>BAP1-R227(EPYHDIRFNLI	72	>BAP1-R227(EPYHDICFNLI	32	40
>BAP1-R227(EPYHDIRFNLI	447	>BAP1-R227(EPYHDICFNLI	485	38
>BAP1-R227(EPYHDIRF	51	>BAP1-R227(EPYHDICF	45	6
>BAP1-R227(EPYHDIRFNLI	176	>BAP1-R227(EPYHDICFNLI	54	122
>BAP1-R227(EPYHDIRF	17	>BAP1-R227(EPYHDICF	13	4
>BAP1-R227(EPYHDIRFNL	134	>BAP1-R227(EPYHDICFNL	122	12
>BAP1-R227(EPYHDIRFNLI	319	>BAP1-R227(EPYHDICFNLI	228	91
>BAP1-R227(GEPYHDIRFN	128	>BAP1-R227(GEPYHDICFN	133	5
>BAP1-R227(GEPYHDIRFN	359	>BAP1-R227(GEPYHDICFN	337	22
>BAP1-R227(GEPYHDIRF	207	>BAP1-R227(GEPYHDICF	276	69
>BAP1-R227(GEPYHDIRFN	29	>BAP1-R227(GEPYHDICFN	29	0
>BAP1-R227(TAGEPYHDIR	668	>BAP1-R227(TAGEPYHDIC	387	281
>BAP1-S172FSYVPITGRL	4	>BAP1-S172FRYVPITGRL	17	13
>BAP1-S172FSYVPITGRL	256	>BAP1-S172FRYVPITGRL	69	187
>BAP1-S172FSYVPITGRLF	12	>BAP1-S172FRYVPITGRLF	8	4
>BAP1-S172FSYVPITGRL	577	>BAP1-S172FRYVPITGRL	201	376
>BAP1-S172FSYVPITGRLF	41	>BAP1-S172FRYVPITGRLF	32	9
>BAP1-S172FSYVPITGRL	10	>BAP1-S172FRYVPITGRL	6	4
>BAP1-S172FSYVPITGRLF	8	>BAP1-S172FRYVPITGRLF	6	2
>BAP1-S172FSYVPITGRLF	218	>BAP1-S172FRYVPITGRLF	302	84
>BAP1-S172FSYVPITGR	70	>BAP1-S172FRYVPITGR	18	52
>BAP1-S172FSYVPITGR	377	>BAP1-S172FRYVPITGR	1090	713
>BAP1-S172FSYVPITGR	245	>BAP1-S172FRYVPITGR	1393	1148
>BAP1-S172FSYVPITGR	25	>BAP1-S172FRYVPITGR	13	12
>BAP1-S172FSYVPITGRLF	370	>BAP1-S172FRYVPITGRLF	861	491
>BAP1-S172FSYVPITGRL	185	>BAP1-S172FRYVPITGRL	178	7
>BAP1-S172FSYVPITGRLE	203	>BAP1-S172FRYVPITGRLE	189	14
>BAP1-S172FVSYPITGRLF	89	>BAP1-S172FVRYVPITGRLF	1681	1592
>BAP1-S172FVSYPITGR	353	>BAP1-S172FVRYVPITGR	16159	15806
>BAP1-S172FVSYPITGR	250	>BAP1-S172FVRYVPITGR	22372	22122

>BAP1-S172FVSYVPITGRL	395	>BAP1-S172FVRYVPITGRL	7576	7181
>BAP1-S172FVSYVPITGR	34	>BAP1-S172FVRYVPITGR	9517	9483
>BAP1-S172FVSYVPITGR	141	>BAP1-S172FVRYVPITGR	5475	5334
>BAP1-S172FVSYVPITGRLF	18	>BAP1-S172FVRYVPITGRLF	11	7
>BAP1-S172FVSYVPITGRL	6	>BAP1-S172FVRYVPITGRL	17179	17173
>BAP1-S172FVSYVPITGRLF	3	>BAP1-S172FVRYVPITGRLF	10685	10682
>BAP1-S172FVSYVPITGR	20616	>BAP1-S172FVRYVPITGR	104	20512
>BAP1-S172FVSYVPITGRL	16307	>BAP1-S172FVRYVPITGRL	34	16273
>BAP1-S172FVSYVPITGRLF	16149	>BAP1-S172FVRYVPITGRLF	164	15985
>BAP1-S172FVSYVPITGRLF	275	>BAP1-S172FVRYVPITGRLF	23205	22930
>BAP1-S172FVSYVPITGRLF	184	>BAP1-S172FVRYVPITGRLF	20805	20621
>BAP1-S172FVSYVPITGRLF	154	>BAP1-S172FVRYVPITGRLF	18512	18358
>BAP1-S172FVSYVPITGRL	224	>BAP1-S172FVRYVPITGRL	16327	16103
>BAP1-S172FVSYVPITGRLF	14	>BAP1-S172FVRYVPITGRLF	1006	992
>BAP1-S172FVSYVPITGRL	19838	>BAP1-S172FVRYVPITGRL	220	19618
>BAP1-S172FVSYVPITGRLF	14698	>BAP1-S172FVRYVPITGRLF	215	14483
>BAP1-S172FVSYVPITGRL	9578	>BAP1-S172FVRYVPITGRL	48	9530
>BAP1-S172FVSYVPITGRLF	18624	>BAP1-S172FVRYVPITGRLF	30	18594
>BAP1-S172FVSYVPITGRL	402	>BAP1-S172FVRYVPITGRI	5067	4665
>BAP1-S172FVSYVPITGRI	20	>BAP1-S172FVRYVPITGRI	949	929
>BAP1-S172FVSYVPITGRI	65	>BAP1-S172FVRYVPITGRI	216	151
>BAP1-S172FVSYVPITGRI	327	>BAP1-S172FVRYVPITGRI	2299	1972
>BAP1-S172FVSYVPITGR	361	>BAP1-S172FVRYVPITGR	3575	3214
>BAP1-S172FVSYVPITGR	535	>BAP1-S172FVRYVPITGR	442	93
>BAP1-S172FVSYVPITGR	7	>BAP1-S172FVRYVPITGR	32	25
>BAP1-S172FVSYVPITGRI	12	>BAP1-S172FVRYVPITGRI	329	317
>BAP1-S172FVSYVPITGRI	7101	>BAP1-S172FVRYVPITGRI	300	6801
>BAP1-S172FVSYVPITGRI	469	>BAP1-S172FVRYVPITGRI	161	308
>BAP1-S172FHFVSYVPI	187	>BAP1-S172FHFVRYVPI	350	163
>BAP1-S172FHFVSYVPI	258	>BAP1-S172FHFVRYVPI	322	64
>BAP1-S172FHFVSYVPITGI	25	>BAP1-S172FHFVRYVPITGI	25	0
>BAP1-S172FHFVSYVPITGI	64	>BAP1-S172FHFVRYVPITGI	71	7
>BAP1-S172FHFVSYVPITGI	77	>BAP1-S172FHFVRYVPITGI	134	57
>BAP1-S172FHFVSYVPITGI	36	>BAP1-S172FHFVRYVPITGI	51	15
>BAP1-S172FHFVSYVPI	347	>BAP1-S172FHFVRYVPI	681	334
>BAP1-S172FHFVSYVPI	157	>BAP1-S172FHFVRYVPI	38	119
>BAP1-S172FHFVSYVPI	324	>BAP1-S172FHFVRYVPI	185	139
>BAP1-S172FHFVSYVPI	5	>BAP1-S172FHFVRYVPI	13	8
>BAP1-S172FHFVSYVPIT	418	>BAP1-S172FHFVRYVPIT	1472	1054
>BAP1-S172FHFVSYVPI	336	>BAP1-S172FHFVRYVPI	277	59
>BAP1-S172FHFVSYVPI	20	>BAP1-S172FHFVRYVPI	29	9
>BAP1-S172FHFVSYVPIT	458	>BAP1-S172FHFVRYVPIT	1124	666
>BAP1-S172FHFVSYVPI	138	>BAP1-S172FHFVRYVPI	914	776



>BAP1-S172F AFHFVSYV	202	>BAP1-S172F AFHFVRYV	1266	1064
>BAP1-S172F AFHFVSYV	132	>BAP1-S172F AFHFVRYV	557	425
>BAP1-S172F AFHFVSYVPI	180	>BAP1-S172F AFHFVRYVPI	239	59
>BAP1-S172F AFHFVSYV	99	>BAP1-S172F AFHFVRYV	93	6
>BAP1-S172F AFHFVSYVPI	27	>BAP1-S172F AFHFVRYVPI	27	0
>BAP1-S172F AFHFVSYVPI	380	>BAP1-S172F AFHFVRYVPI	610	230
>BAP1-S172F AFHFVSYV	603	>BAP1-S172F AFHFVRYV	385	218
>BAP1-S172F EAFHFVSYV	126	>BAP1-S172F EAFHFVRYV	307	181
>BAP1-S172F EAFHFVSYVPI	86	>BAP1-S172F EAFHFVRYVPI	67	19
>BAP1-S172F EAFHFVSYV	331	>BAP1-S172F EAFHFVRYV	1474	1143
>BAP1-S172F EAFHFVSYV	222	>BAP1-S172F EAFHFVRYV	1582	1360
>BAP1-S172F EAFHFVSYV	223	>BAP1-S172F EAFHFVRYV	2166	1943
>BAP1-S172F EAFHFVSYV	23	>BAP1-S172F EAFHFVRYV	60	37
>BAP1-S172F EAFHFVSY	105	>BAP1-S172F EAFHFVRY	1161	1056
>BAP1-S172F EAFHFVSY	91	>BAP1-S172F EAFHFVRY	198	107
>BAP1-S172F EAFHFVSY	381	>BAP1-S172F EAFHFVRY	454	73
>BAP1-S172F EAFHFVSY	450	>BAP1-S172F EAFHFVRY	1537	1087
>BAP1-S172F EAFHFVSYVPI	646	>BAP1-S172F EAFHFVRYVPI	454	192
>BAP1-S172F EAFHFVSY	27	>BAP1-S172F EAFHFVRY	47	20
>BAP1-S172F EAFHFVSYV	275	>BAP1-S172F EAFHFVRYV	1955	1680
>BAP1-S172F EAFHFVSYV	6	>BAP1-S172F EAFHFVRYV	7	1
>BAP1-S172F EAFHFVSYVPI	6	>BAP1-S172F EAFHFVRYVPI	7	1
>BAP1-S172F EAFHFVSYV	5	>BAP1-S172F EAFHFVRYV	12	7
>BAP1-S172F EAFHFVSYVPI	13	>BAP1-S172F EAFHFVRYVPI	27	14
>BAP1-S172F EAFHFVSY	163	>BAP1-S172F EAFHFVRY	777	614
>BAP1-S172F EAFHFVSY	14	>BAP1-S172F EAFHFVRY	86	72
>BAP1-S172F EAFHFVSYV	154	>BAP1-S172F EAFHFVRYV	776	622
>BAP1-S172F EAFHFVSYVPI	52	>BAP1-S172F EAFHFVRYVPI	160	108
>BAP1-S172F EAFHFVSY	47	>BAP1-S172F EAFHFVRY	40	7
>BAP1-S172F EAFHFVSY	26	>BAP1-S172F EAFHFVRY	57	31
>BAP1-S172F EAFHFVSYVPI	82	>BAP1-S172F EAFHFVRYVPI	131	49
>BAP1-S172F MEAFHFVSY\	50	>BAP1-S172F MEAFHFVRY\	56	6
>BAP1-S172F MEAFHFVSY	60	>BAP1-S172F MEAFHFVRY	53	7
>BAP1-S172F MEAFHFVS	19735	>BAP1-S172F MEAFHFVR	146	19589
>BAP1-S172F MEAFHFVS	18019	>BAP1-S172F MEAFHFVR	29	17990
>BAP1-S172F MEAFHFVSY\	359	>BAP1-S172F MEAFHFVRY\	1247	888
>BAP1-S172F MEAFHFVSY	57	>BAP1-S172F MEAFHFVRY	199	142
>BAP1-S172F MEAFHFVSY	29	>BAP1-S172F MEAFHFVRY	241	212
>BAP1-S172F MEAFHFVS	495	>BAP1-S172F MEAFHFVR	404	91
>BAP1-S172F MEAFHFVSY	7	>BAP1-S172F MEAFHFVRY	26	19
>BAP1-S172F MEAFHFVSY	217	>BAP1-S172F MEAFHFVRY	868	651
>BAP1-S172F MEAFHFVSY\	135	>BAP1-S172F MEAFHFVRY\	162	27
>BAP1-S172F MEAFHFVSY\	170	>BAP1-S172F MEAFHFVRY\	118	52

>BAP1-S172FMEAFHFVSY	50	>BAP1-S172FMEAFHFVRY	61	11
>BAP1-S172FMEAFHFVSY\	186	>BAP1-S172FMEAFHFVRY\	265	79
>BAP1-S172FMEAFHFVSV	12	>BAP1-S172FMEAFHFVR	77	65
>BAP1-S172FMEAFHFVSY	68	>BAP1-S172FMEAFHFVRY	100	32
>BAP1-S172FMEAFHFVSY\	156	>BAP1-S172FMEAFHFVRY\	160	4
>BAP1-S172FMEAFHFVSY\	134	>BAP1-S172FMEAFHFVRY\	177	43
>BAP1-S172FMEAFHFVSY	467	>BAP1-S172FMEAFHFVRY	475	8
>BAP1-S172FMEAFHFVSY\	25	>BAP1-S172FMEAFHFVRY\	30	5
>BAP1-S172FMEAFHFVSV	26788	>BAP1-S172FMEAFHFVR	138	26650
>BAP1-S172FTMEAFHFVSV\	533	>BAP1-S172FTMEAFHFVR\	453	80
>BAP1-S172FTMEAFHFVSV\	47	>BAP1-S172FTMEAFHFVR\	135	88
>BAP1-S172FTMEAFHFVSV\	8	>BAP1-S172FTMEAFHFVR\	27	19
>BAP1-S172FTMEAFHFVSV\	22	>BAP1-S172FTMEAFHFVR\	67	45
>BAP1-S172FTMEAFHFVSV\	74	>BAP1-S172FTMEAFHFVR\	271	197
>BAP1-S172FTMEAFHFVSV\	3	>BAP1-S172FTMEAFHFVR\	5	2
>BAP1-S172FTMEAFHFVSV\	12	>BAP1-S172FTMEAFHFVR\	34	22
>BAP1-S172FTMEAFHFVSV\	28	>BAP1-S172FTMEAFHFVR\	87	59
>BAP1-S172FTMEAFHFVSV\	33	>BAP1-S172FTMEAFHFVR\	152	119
>BAP1-S172FTMEAFHFVSV\	3	>BAP1-S172FTMEAFHFVR\	5	2
>BAP1-S172FTMEAFHFVSV	13764	>BAP1-S172FTMEAFHFVR	137	13627
>BAP1-S172FTMEAFHFVSV\	184	>BAP1-S172FTMEAFHFVR\	148	36
>BAP1-S172FTMEAFHFVSV\	99	>BAP1-S172FTMEAFHFVR\	156	57
>BAP1-S172FTMEAFHFVSV	6012	>BAP1-S172FTMEAFHFVR	7	6005
>BAP1-S172FTMEAFHFVSV	21717	>BAP1-S172FTMEAFHFVR	81	21636
>BAP1-S172FTMEAFHFVSV	15835	>BAP1-S172FTMEAFHFVR	18	15817
>BAP1-S172FTMEAFHFVSV\	254	>BAP1-S172FTMEAFHFVR\	813	559
>BAP1-S172FTMEAFHFVSV\	104	>BAP1-S172FTMEAFHFVR\	324	220
>BAP1-S172FTMEAFHFVSV\	229	>BAP1-S172FTMEAFHFVR\	155	74
>BAP1-S172FTMEAFHFVSV\	108	>BAP1-S172FTMEAFHFVR\	326	218
>BAP1-S172FTMEAFHFVSV\	96	>BAP1-S172FTMEAFHFVR\	196	100
>BAP1-S172FTMEAFHFVSV\	134	>BAP1-S172FTMEAFHFVR\	724	590
>BAP1-S172FTMEAFHFVSV	18454	>BAP1-S172FTMEAFHFVR	33	18421
>BAP1-S172FRTMEAFHFV!	437	>BAP1-S172FRTMEAFHFVI	199	238
>BAP1-S172FRTMEAFHFV!	144	>BAP1-S172FRTMEAFHFVI	675	531
>BAP1-S172FRTMEAFHFV!	13652	>BAP1-S172FRTMEAFHFVI	250	13402
>BAP1-S172FRTMEAFHFV!	71	>BAP1-S172FRTMEAFHFVI	76	5
>BAP1-S172FRTMEAFHFV!	16882	>BAP1-S172FRTMEAFHFVI	15	16867
>BAP1-S172FRTMEAFHFV!	10	>BAP1-S172FRTMEAFHFVI	13	3
>BAP1-S172FRTMEAFHFV!	63	>BAP1-S172FRTMEAFHFVI	547	484
>BAP1-S172FRTMEAFHFV!	19	>BAP1-S172FRTMEAFHFVI	16	3
>BAP1-S172FRTMEAFHFV!	46	>BAP1-S172FRTMEAFHFVI	150	104
>BAP1-S172FRTMEAFHFV!	64	>BAP1-S172FRTMEAFHFVI	58	6
>BAP1-S172FRTMEAFHFV!	144	>BAP1-S172FRTMEAFHFVI	53	91

>BAP1-S172FRTMEAFHFV!	53	>BAP1-S172FRTMEAFHFVI	157	104
>BAP1-S172FRTMEAFHFV!	43	>BAP1-S172FRTMEAFHFVI	69	26
>BAP1-S172FRTMEAFHFV!	2275	>BAP1-S172FRTMEAFHFVI	4	2271
>BAP1-S172FRTMEAFHFV!	388	>BAP1-S172FRTMEAFHFVI	303	85
>BAP1-S172FRTMEAFHFV!	18	>BAP1-S172FRTMEAFHFVI	50	32
>BAP1-S172FRTMEAFHFV!	21682	>BAP1-S172FRTMEAFHFVI	235	21447
>BAP1-S172FRTMEAFHFV!	24816	>BAP1-S172FRTMEAFHFVI	19	24797
>BAP1-S172FRTMEAFHFV!	410	>BAP1-S172FRTMEAFHFVI	604	194
>BAP1-S172FRTMEAFHFV!	52	>BAP1-S172FRTMEAFHFVI	38	14
>BAP1-S172FRTMEAFHFV!	36	>BAP1-S172FRTMEAFHFVI	63	27
>BAP1-S172FRTMEAFHFV!	18	>BAP1-S172FRTMEAFHFVI	90	72
>BAP1-S172FRTMEAFHFV!	3	>BAP1-S172FRTMEAFHFVI	3	0
>BAP1-S172FRTMEAFHFV!	129	>BAP1-S172FRTMEAFHFVI	134	5
>BAP1-S172FRTMEAFHFV!	33	>BAP1-S172FRTMEAFHFVI	41	8
>BAP1-S172FRTMEAFHFV!	27	>BAP1-S172FRTMEAFHFVI	21	6
>BAP1-S172FRTMEAFHFV!	93	>BAP1-S172FRTMEAFHFVI	386	293
>BAP1-S172FRTMEAFHFV!	1759	>BAP1-S172FRTMEAFHFVI	148	1611
>BAP1-S172FRTMEAFHFV!	245	>BAP1-S172FRTMEAFHFVI	200	45
>BAP1-S172FRTMEAFHFV!	14263	>BAP1-S172FRTMEAFHFVI	45	14218
>BCAR3-P40 PPKPCKVPF	518	>BCAR3-P40 SPKPCKVPF	101	417
>BCAR3-P40 PPKPCKVPFL	43	>BCAR3-P40 SPKPCKVPFL	16	27
>BCAR3-P40 PPKPCKVPF	419	>BCAR3-P40 SPKPCKVPF	23	396
>BCAR3-P40 PPKPCKVPF	1035	>BCAR3-P40 SPKPCKVPF	249	786
>BCAR3-P40 PPKPCKVPF	685	>BCAR3-P40 SPKPCKVPF	86	599
>BCAR3-P40 PPPKPKVPF	245	>BCAR3-P40 PSPKPKVPF	570	325
>BCAR3-P40 PPPKPKVPF	332	>BCAR3-P40 PSPKPKVPF	818	486
>BCAR3-P40 PPPKPKVPF	43	>BCAR3-P40 PSPKPKVPF	13590	13547
>BCAR3-P40 PPPKPKV	3403	>BCAR3-P40 PSPKPKV	84	3319
>BCAR3-P40 PPPKPKVPF	7806	>BCAR3-P40 PSPKPKVPF	117	7689
>BCAR3-P40 PPPKPKVPF	751	>BCAR3-P40 PSPKPKVPF	13	738
>BCAR3-P40 KPPPKPCKVP	143	>BCAR3-P40 KPSPKPKVP	37	106
>BCAR3-P40 KPPPKPCKVP	1096	>BCAR3-P40 KPSPKPKVP	223	873
>BCAR3-P40 KPPPKPCKVP	836	>BCAR3-P40 KPSPKPKVP	124	712
>BCAR3-P40 KPPPKPCKVP	7954	>BCAR3-P40 KPSPKPKVP	483	7471
>BCAR3-P40 QLCPKPPPK	237	>BCAR3-P40 QLCPKPSPK	134	103
>BCAR3-P40 QLCPKPPPK	137	>BCAR3-P40 QLCPKPSPK	118	19
>BCAR3-P40 QLCPKPPPK	199	>BCAR3-P40 QLCPKPSPK	1018	819
>BCAR3-P40 SQLCPKPPPK	196	>BCAR3-P40 SQLCPKPSPK	50	146
>BCAR3-P40 SQLCPKPPPK	51	>BCAR3-P40 SQLCPKPSPK	47	4
>BCAR3-P40 SQLCPKPPPK	103	>BCAR3-P40 SQLCPKPSPK	325	222
>BCAR3-P40 SQLCPKPPPK	397	>BCAR3-P40 SQLCPKPSPK	226	171
>BCAR3-Q19 QHFKINRTVL	146	>BCAR3-Q19 EHFKINRTVLF	16	130
>BCAR3-Q19 QHFKINRTVL	127	>BCAR3-Q19 EHFKINRTVL	559	432

>BCAR3-Q19 QHFKINRTV	295	>BCAR3-Q19 EHFkinrtv	180	115
>BCAR3-Q19 QHFKINRTVL	139	>BCAR3-Q19 EHFkinrtvl	94	45
>BCAR3-Q19 QHFKINRTVL	49	>BCAR3-Q19 EHFkinrtvl	40	9
>BCAR3-Q19 QHFKINRTVL	44	>BCAR3-Q19 EHFkinrtvl	57	13
>BCAR3-Q19 AQHFKINRTV	376	>BCAR3-Q19 AEHFkinrtv	9342	8966
>BCAR3-Q19 AQHFKINR	28	>BCAR3-Q19 AEHFkinr	1958	1930
>BCAR3-Q19 AQHFKINRTV	324	>BCAR3-Q19 AEHFkinrtv	10552	10228
>BCAR3-Q19 AQHFKINRTV	381	>BCAR3-Q19 AEHFkinrtv	8084	7703
>BCAR3-Q19 AQHFKINRTV	74	>BCAR3-Q19 AEHFkinrtv	2510	2436
>BCAR3-Q19 AQHFKINRTV	2334	>BCAR3-Q19 AEHFkinrtv	57	2277
>BCAR3-Q19 AQHFKINRT	14630	>BCAR3-Q19 AEHFkinrt	334	14296
>BCAR3-Q19 AQHFKINRTV	21643	>BCAR3-Q19 AEHFkinrtv	128	21515
>BCAR3-Q19 AQHFKINRTV	2285	>BCAR3-Q19 AEHFkinrtv	27	2258
>BCAR3-Q19 AQHFKINRTV	3240	>BCAR3-Q19 AEHFkinrtv	42	3198
>BCAR3-Q19 AQHFKINRTV	15602	>BCAR3-Q19 AEHFkinrtv	221	15381
>BCAR3-Q19 AQHFKINRT	3989	>BCAR3-Q19 AEHFkinrt	44	3945
>BCAR3-Q19 AQHFKINRTV	6100	>BCAR3-Q19 AEHFkinrtv	104	5996
>BCAR3-Q19 AQHFKINRTV	11293	>BCAR3-Q19 AEHFkinrtv	152	11141
>BCAR3-Q19 AQHFKINRT	18400	>BCAR3-Q19 AEHFkinrt	465	17935
>BCAR3-Q19 AQHFKINRTV	13221	>BCAR3-Q19 AEHFkinrtv	108	13113
>BCAR3-Q19 AQHFKINRTV	3421	>BCAR3-Q19 AEHFkinrtv	34	3387
>BCAR3-Q19 LAQHFKINR	25	>BCAR3-Q19 LAEHfkInR	125	100
>BCAR3-Q19 LAQHFKINR	310	>BCAR3-Q19 LAEHfkInR	1151	841
>BCAR3-Q19 LAQHFKINR	320	>BCAR3-Q19 LAEHfkInR	291	29
>BCAR3-Q19 LAQHFKINR	376	>BCAR3-Q19 LAEHfkInR	362	14
>BCAR3-Q19 NLAQHFKI	567	>BCAR3-Q19 NLAEHFKI	89	478
>BCAR3-Q19 NLAQHFKI	28	>BCAR3-Q19 NLAEHFKI	11	17
>BCAR3-Q19 NLAQHFKINR	574	>BCAR3-Q19 NLAEHFKINR	192	382
>BCAR3-Q19 NLAQHFKI	50	>BCAR3-Q19 NLAEHFKI	18	32
>BCAR3-Q19 NLAQHFKINR	294	>BCAR3-Q19 NLAEHFKINR	58	236
>BCAR3-Q19 NLAQHFKI	390	>BCAR3-Q19 NLAEHFKI	60	330
>BCAR3-Q19 NLAQHFKI	102	>BCAR3-Q19 NLAEHFKI	26	76
>BCAR3-Q19 NLAQHFKI	498	>BCAR3-Q19 NLAEHFKI	59	439
>BCAR3-Q19 NLAQHFKI	356	>BCAR3-Q19 NLAEHFKI	107	249
>BCAR3-Q19 NLAQHFKI	497	>BCAR3-Q19 NLAEHFKI	74	423
>BCAR3-Q19 NLAQHFKI	67	>BCAR3-Q19 NLAEHFKI	33	34
>BCAR3-Q19 NLAQHFKINR	98	>BCAR3-Q19 NLAEHFKINR	139	41
>BCAR3-Q19 NLAQHFKINR	487	>BCAR3-Q19 NLAEHFKINR	380	107
>BCAR3-Q19 NLAQHFKINR	50	>BCAR3-Q19 NLAEHFKINR	32	18
>BCAR3-Q19 NLAQHFKI	912	>BCAR3-Q19 NLAEHFKI	313	599
>BCAR3-Q19 NLAQHFKI	318	>BCAR3-Q19 NLAEHFKI	83	235
>BCAR3-Q19 NLAQHFKINR	53	>BCAR3-Q19 NLAEHFKINR	93	40
>BCAR3-Q19 KNLAQHFK	231	>BCAR3-Q19 KNLAEHFK	369	138

>BCAR3-Q19 KNLAQHFK	14	>BCAR3-Q19 KNLAEHFK	50	36
>BCAR3-Q19 KNLAQHFK	176	>BCAR3-Q19 KNLAEHFK	965	789
>BCAR3-Q19 KNLAQHFKIN	22	>BCAR3-Q19 KNLAEHFKIN	50	28
>BCAR3-Q19 KNLAQHFK	170	>BCAR3-Q19 KNLAEHFK	188	18
>BCAR3-Q19 KNLAQHFKIN	25	>BCAR3-Q19 KNLAEHFKIN	24	1
>BCAR3-Q19 KNLAQHFKI	604	>BCAR3-Q19 KNLAEHFKI	457	147
>BCAR3-Q19 WKNLAQHF	9	>BCAR3-Q19 WKNLAEHF	15	6
>BCAR3-Q19 QWKNLAQHI	331	>BCAR3-Q19 QWKNLAEHF	369	38
>BCAR3-Q19 QWKNLAQHI	28	>BCAR3-Q19 QWKNLAEHF	31	3
>BCAR3-Q19 QWKNLAQHI	308	>BCAR3-Q19 QWKNLAEHF	359	51
>BCAR3-Q19 QWKNLAQHI	31	>BCAR3-Q19 QWKNLAEHF	152	121
>BCAR3-Q19 QWKNLAQHI	52	>BCAR3-Q19 QWKNLAEHF	64	12
>BCAR3-Q19 CQWKNLAQF	438	>BCAR3-Q19 CQWKNLAEH	1073	635
>BCAR3-Q19 CQWKNLAQF	112	>BCAR3-Q19 CQWKNLAEH	131	19
>BCAR3-Q19 CQWKNLAQF	448	>BCAR3-Q19 CQWKNLAEH	484	36
>BCAR3-Q19 CQWKNLAQF	99	>BCAR3-Q19 CQWKNLAEH	180	81
>BCAR3-Q19 CQWKNLAQF	102	>BCAR3-Q19 CQWKNLAEH	105	3
>BCAR3-Q19 CQWKNLAQF	771	>BCAR3-Q19 CQWKNLAEH	387	384
>BCAR3-Q19 CQWKNLAQF	4	>BCAR3-Q19 CQWKNLAEH	6	2
>BCAR3-Q19 CQWKNLAQF	175	>BCAR3-Q19 CQWKNLAEH	216	41
>BCAR3-Q19 LTCQWKNLA	249	>BCAR3-Q19 LTCQWKNLA	438	189
>BCL11A-A1 $\xi$ AQNTHGLRI	426	>BCL11A-A1 $\xi$ TQNTHGLRI	928	502
>BCL11A-A1 $\xi$ AQNTHGLRIY	140	>BCL11A-A1 $\xi$ TQNTHGLRIY	378	238
>BCL11A-A1 $\xi$ AQNTHGLR	27	>BCL11A-A1 $\xi$ TQNTHGLR	35	8
>BCL11A-A1 $\xi$ AQNTHGLRIY	60	>BCL11A-A1 $\xi$ TQNTHGLRIY	99	39
>BCL11A-A1 $\xi$ AQNTHGLRIY	394	>BCL11A-A1 $\xi$ TQNTHGLRIY	221	173
>BCL11A-A1 $\xi$ AQNTHGLRI	99	>BCL11A-A1 $\xi$ TQNTHGLRI	539	440
>BCL11A-A1 $\xi$ AQNTHGLRIY	10	>BCL11A-A1 $\xi$ TQNTHGLRIY	50	40
>BCL11A-A1 $\xi$ AQNTHGLRIY	66	>BCL11A-A1 $\xi$ TQNTHGLRIY	311	245
>BCL11A-A1 $\xi$ AQNTHGLRIY	902	>BCL11A-A1 $\xi$ TQNTHGLRIY	231	671
>BCL11A-A1 $\xi$ HAQNTHGLR	7522	>BCL11A-A1 $\xi$ HTQNTHGLR	264	7258
>BCL11A-A1 $\xi$ HAQNTHGLR	2370	>BCL11A-A1 $\xi$ HTQNTHGLR	56	2314
>BCL11A-A1 $\xi$ HAQNTHGLR	4208	>BCL11A-A1 $\xi$ HTQNTHGLR	131	4077
>BCL11A-A1 $\xi$ HAQNTHGLR	2151	>BCL11A-A1 $\xi$ HTQNTHGLR	378	1773
>BCL11A-A1 $\xi$ HAQNTHGLR	1722	>BCL11A-A1 $\xi$ HTQNTHGLR	262	1460
>BCL11A-A1 $\xi$ HAQNTHGLR	1042	>BCL11A-A1 $\xi$ HTQNTHGLR	189	853
>BCL11A-A1 $\xi$ HAQNTHGLR	170	>BCL11A-A1 $\xi$ HTQNTHGLR	50	120
>BCL11A-A1 $\xi$ HAQNTHGLR	22	>BCL11A-A1 $\xi$ HTQNTHGLR	10	12
>BCL11A-A1 $\xi$ HAQNTHGLR	91	>BCL11A-A1 $\xi$ HTQNTHGLR	40	51
>BCL11A-A1 $\xi$ HAQNTHGLR	39	>BCL11A-A1 $\xi$ HTQNTHGLR	13	26
>BCL11A-A1 $\xi$ HAQNTHGL	2144	>BCL11A-A1 $\xi$ HTQNTHGL	266	1878
>BCL11A-A1 $\xi$ HAQNTHGL	799	>BCL11A-A1 $\xi$ HTQNTHGL	165	634
>BCL11A-A1 $\xi$ HAQNTHGLR	2790	>BCL11A-A1 $\xi$ HTQNTHGLR	343	2447

>BCL11A-A1£HAQNTHGLR	405	>BCL11A-A1£HTQNTHGLR	402	3
>BCL11A-A1£HAQNTHGL	406	>BCL11A-A1£HTQNTHGL	28	378
>BCL11A-A1£HAQNTHGLR	930	>BCL11A-A1£HTQNTHGLR	58	872
>BCL11A-A1£HAQNTHGLR	209	>BCL11A-A1£HTQNTHGLR	21	188
>BCL11A-A1£HAQNTHGLR	267	>BCL11A-A1£HTQNTHGLR	5007	4740
>BCL11A-A1£HAQNTHGLR	224	>BCL11A-A1£HTQNTHGLR	12	212
>BCL11A-A1£HAQNTHGLR	234	>BCL11A-A1£HTQNTHGLR	60	174
>BCL11A-A1£FTSAWFLLQF	166	>BCL11A-A1£FTSAWFLLQF	1215	1049
>BCL11A-A1£FTSAWFLLQF	36	>BCL11A-A1£FTSAWFLLQF	290	254
>BCL11A-A1£FTSAWFLLQF	43	>BCL11A-A1£FTSAWFLLQF	580	537
>BCL11A-A1£FTSAWFLLQF	15	>BCL11A-A1£FTSAWFLLQF	84	69
>BCL11A-A1£FTSAWFLLQF	320	>BCL11A-A1£FTSAWFLLQF	1777	1457
>BCL11A-A1£FTSAWFLLQF	375	>BCL11A-A1£FTSAWFLLQF	2898	2523
>BCL11A-A1£FTSAWFLLQF	18	>BCL11A-A1£FTSAWFLLQF	280	262
>BCL11A-A1£FTSAWFLLQF	137	>BCL11A-A1£FTSAWFLLQF	814	677
>BCL11A-A1£QHAQNTHGL	35	>BCL11A-A1£QHTQNTHGL	160	125
>BCL11A-A1£QHAQNTHGL	265	>BCL11A-A1£QHTQNTHGL	346	81
>BCL11A-A1£LQHAQNTHG	38	>BCL11A-A1£LQHTQNTHG	51	13
>BCL11A-A1£LQHAQNTH	441	>BCL11A-A1£LQHTQNTH	1355	914
>BCL11A-A1£LQHAQNTHG	189	>BCL11A-A1£LQHTQNTHG	613	424
>BCL11A-A1£LQHAQNTHG	141	>BCL11A-A1£LQHTQNTHG	378	237
>BCL11A-A1£LQHAQNTH	267	>BCL11A-A1£LQHTQNTH	191	76
>BCL11A-A1£LQHAQNTHG	75	>BCL11A-A1£LQHTQNTHG	70	5
>BCL11A-A1£LQHAQNTHG	296	>BCL11A-A1£LQHTQNTHG	517	221
>BCL11A-A1£LQHAQNTHG	467	>BCL11A-A1£LQHTQNTHG	452	15
>BCL11A-A1£LLQHAQNTH	175	>BCL11A-A1£LLQHTQNTH	226	51
>BCL11A-A1£LLQHAQNTH	16	>BCL11A-A1£LLQHTQNTH	28	12
>BCL11A-A1£LLQHAQNTH	85	>BCL11A-A1£LLQHTQNTH	101	16
>BCL11A-A1£LLQHAQNTH	36	>BCL11A-A1£LLQHTQNTH	23	13
>BCL11A-A1£LLQHAQNTH	6	>BCL11A-A1£LLQHTQNTH	5	1
>BCL11A-A1£LLQHAQNTH	137	>BCL11A-A1£LLQHTQNTH	125	12
>BCL11A-A1£LLQHAQNTH	26	>BCL11A-A1£LLQHTQNTH	30	4
>BCL11A-A1£LLQHAQNT	200	>BCL11A-A1£LLQHTQNT	142	58
>BCL11A-A1£LLQHAQNTH	3	>BCL11A-A1£LLQHTQNTH	3	0
>BCL11A-A1£FLLQHAQNT	387	>BCL11A-A1£FLLQHTQNT	97	290
>BCL11A-A1£FLLQHAQNT	286	>BCL11A-A1£FLLQHTQNT	55	231
>BCL11A-A1£FLLQHAQNT	108	>BCL11A-A1£FLLQHTQNT	29	79
>BCL11A-A1£FLLQHAQNT	211	>BCL11A-A1£FLLQHTQNT	148	63
>BCL11A-A1£FLLQHAQNT	199	>BCL11A-A1£FLLQHTQNT	301	102
>BCL11A-A1£FLLQHAQNT	21	>BCL11A-A1£FLLQHTQNT	15	6
>BCL11A-A1£FLLQHAQNT	530	>BCL11A-A1£FLLQHTQNT	476	54
>BCL11A-A1£FLLQHAQNT	298	>BCL11A-A1£FLLQHTQNT	127	171
>BCL11A-A1£FLLQHAQNT	96	>BCL11A-A1£FLLQHTQNT	51	45

>BCL11A-A1:FLLQHAQNT	431	>BCL11A-A1:FLLQHTQNT	100	331
>BCL11A-A1:FLLQHAQN	313	>BCL11A-A1:FLLQHTQN	313	0
>BCL11A-A1:FLLQHAQNT	9	>BCL11A-A1:FLLQHTQNT	6	3
>BCL11A-A1:AWFLLQHA	210	>BCL11A-A1:AWFLLQHT	452	242
>BCL11A-A1:AWFLLQHAQ	112	>BCL11A-A1:AWFLLQHTQ	183	71
>BCL11A-A1:TSAWFLLQH	535	>BCL11A-A1:TSAWFLLQH	418	117
>BCL11A-A1:TSAWFLLQH	123	>BCL11A-A1:TSAWFLLQH	376	253
>BCL11A-G5:GFGLSLEAAR	422	>BCL11A-G5:SFGLSLEAAR	91	331
>BCL11A-G5:GFGLSLEAAR	1873	>BCL11A-G5:SFGLSLEAAR	246	1627
>BCL11A-G5:GFGLSLEAAR	2098	>BCL11A-G5:SFGLSLEAAR	422	1676
>BCL11A-G5:GFGLSLEAAR	1397	>BCL11A-G5:SFGLSLEAAR	194	1203
>BCL11A-G5:YGFGLSLEA	3576	>BCL11A-G5:YSFGLSLEA	323	3253
>BCL11A-G5:YGFGLSLEA	616	>BCL11A-G5:YSFGLSLEA	229	387
>BCL11A-G5:YGFGLSLEAA	2613	>BCL11A-G5:YSFGLSLEAA	309	2304
>BCL11A-G5:YGFGLSLEAA	1961	>BCL11A-G5:YSFGLSLEAA	230	1731
>BCL11A-G5:YGFGLSLEA	507	>BCL11A-G5:YSFGLSLEA	173	334
>BCL11A-G5:YGFGLSLEAA	681	>BCL11A-G5:YSFGLSLEAA	110	571
>BCL11A-G5:YGFGLSLEAA	9998	>BCL11A-G5:YSFGLSLEAAF	379	9619
>BCL11A-G5:YGFGLSLEAA	690	>BCL11A-G5:YSFGLSLEAAF	51	639
>BCL11A-G5:YGFGLSLEAA	2116	>BCL11A-G5:YSFGLSLEAAF	62	2054
>BCL11A-G5:YGFGLSLEAA	61	>BCL11A-G5:YSFGLSLEAAF	4	57
>BCL11A-G5:YGFGLSLEA	3378	>BCL11A-G5:YSFGLSLEA	170	3208
>BCL11A-G5:YGFGLSLEAA	8926	>BCL11A-G5:YSFGLSLEAA	176	8750
>BCL11A-G5:YGFGLSLEA	14425	>BCL11A-G5:YSFGLSLEA	201	14224
>BCL11A-G5:YGFGLSLEA	3819	>BCL11A-G5:YSFGLSLEA	309	3510
>BCL11A-G5:YGFGLSLEAA	122	>BCL11A-G5:YSFGLSLEAAF	252	130
>BCL11A-G5:DYGFGLSL	359	>BCL11A-G5:DYSFGLSL	460	101
>BCL11A-G5:DYGFGLSL	448	>BCL11A-G5:DYSFGLSL	344	104
>BCL11A-G5:VDYGFGLSL	365	>BCL11A-G5:VDYSFGLSL	238	127
>BCL11A-G5:VDYGFGLSL	1641	>BCL11A-G5:VDYSFGLSL	230	1411
>BCL11A-G5:VDYGFGLSL	158	>BCL11A-G5:VDYSFGLSL	185	27
>BCL11A-G5:RVDYGFGLSL	491	>BCL11A-G5:RVDYSFGLSL	658	167
>BCL11A-G5:RVDYGFGL	37	>BCL11A-G5:RVDYSFGL	40	3
>BCL11A-G5:RVDYGFGLSL	321	>BCL11A-G5:RVDYSFGLSL	236	85
>BCL11A-G5:RVDYGFGL	758	>BCL11A-G5:RVDYSFGL	449	309
>BCL11A-G5:RVDYGFGLSL	222	>BCL11A-G5:RVDYSFGLSL	295	73
>BCL11A-G5:RVDYGFGL	670	>BCL11A-G5:RVDYSFGL	285	385
>BCL11A-G5:RVDYGFGLSL	612	>BCL11A-G5:RVDYSFGLSL	361	251
>BCL11A-G5:ERVDYGFGL	134	>BCL11A-G5:ERVDYSFGL	43	91
>BCL11A-G5:ERVDYGFGLS	65	>BCL11A-G5:ERVDYSFGLS	42	23
>BCL11A-G5:SERVDYGF	542	>BCL11A-G5:SERVDYSF	381	161
>BCL11A-G5:SERVDYGF	1811	>BCL11A-G5:SERVDYSF	498	1313
>BCL11A-G5:SERVDYGF	578	>BCL11A-G5:SERVDYSF	73	505

>BCL11A-G5:SERVDYGF	180	>BCL11A-G5:SERVDYSF	60	120
>BCL11A-G5:SERVDYGF	646	>BCL11A-G5:SERVDYSF	181	465
>BCL11A-G5:SERVDYGFGL	118	>BCL11A-G5:SERVDYSFGL	76	42
>BCL11A-G5:SERVDYGF	602	>BCL11A-G5:SERVDYSF	420	182
>BCL11A-G5:SERVDYGF	383	>BCL11A-G5:SERVDYSF	338	45
>BCL11A-G5:SERVDYGFGL	102	>BCL11A-G5:SERVDYSFGL	138	36
>BCL11A-G5:ESERVDYGF	711	>BCL11A-G5:ESERVDYSF	287	424
>BCL11A-G5:ESERVDYGF	1282	>BCL11A-G5:ESERVDYSF	456	826
>BCL11A-G5:TESERVDYGF	829	>BCL11A-G5:TESERVDYSF	488	341
>BCL11A-G5:TESERVDYGF	712	>BCL11A-G5:TESERVDYSF	329	383
>BCL11A-G5:TESERVDYGF	675	>BCL11A-G5:TESERVDYSF	311	364
>BCL11A-G5:TESERVDYGF	193	>BCL11A-G5:TESERVDYSF	272	79
>BCL11A-G5:LTESERVDYGF	45	>BCL11A-G5:LTESERVDYSF	59	14
>BCL11A-G5:LTESERVDYGF	1187	>BCL11A-G5:LTESERVDYSF	489	698
>BCL11A-G5:LTESERVDYGF	311	>BCL11A-G5:LTESERVDYSF	121	190
>BCL11A-H1:HAQNTHGL	8405	>BCL11A-H1:YAQNTHGL	375	8030
>BCL11A-H1:HAQNTHGL	4939	>BCL11A-H1:YAQNTHGL	158	4781
>BCL11A-H1:HAQNTHGLR	2151	>BCL11A-H1:YAQNTHGLR	330	1821
>BCL11A-H1:HAQNTHGLR	170	>BCL11A-H1:YAQNTHGLR	288	118
>BCL11A-H1:HAQNTHGLR	22	>BCL11A-H1:YAQNTHGLR	91	69
>BCL11A-H1:HAQNTHGLR	91	>BCL11A-H1:YAQNTHGLR	186	95
>BCL11A-H1:HAQNTHGLR	39	>BCL11A-H1:YAQNTHGLR	22	17
>BCL11A-H1:HAQNTHGL	799	>BCL11A-H1:YAQNTHGL	413	386
>BCL11A-H1:HAQNTHGLR	701	>BCL11A-H1:YAQNTHGLR	180	521
>BCL11A-H1:HAQNTHGLR	405	>BCL11A-H1:YAQNTHGLR	157	248
>BCL11A-H1:HAQNTHGLR	1045	>BCL11A-H1:YAQNTHGLR	217	828
>BCL11A-H1:HAQNTHGL	406	>BCL11A-H1:YAQNTHGL	151	255
>BCL11A-H1:HAQNTHGLR	930	>BCL11A-H1:YAQNTHGLR	373	557
>BCL11A-H1:HAQNTHGLR	209	>BCL11A-H1:YAQNTHGLR	68	141
>BCL11A-H1:HAQNTHGLR	267	>BCL11A-H1:YAQNTHGLR	114	153
>BCL11A-H1:HAQNTHGLR	224	>BCL11A-H1:YAQNTHGLR	31	193
>BCL11A-H1:HAQNTHGLR	234	>BCL11A-H1:YAQNTHGLR	110	124
>BCL11A-H1:QHAQNTHGL	14933	>BCL11A-H1:QYAQNTHGL	148	14785
>BCL11A-H1:QHAQNTHGL	16687	>BCL11A-H1:QYAQNTHGL	272	16415
>BCL11A-H1:QHAQNTHGL	18017	>BCL11A-H1:QYAQNTHGL	428	17589
>BCL11A-H1:QHAQNTHGL	12624	>BCL11A-H1:QYAQNTHGL	353	12271
>BCL11A-H1:QHAQNTHGL	7614	>BCL11A-H1:QYAQNTHGL	184	7430
>BCL11A-H1:QHAQNTHGL	7918	>BCL11A-H1:QYAQNTHGL	7	7911
>BCL11A-H1:QHAQNTHGL	12390	>BCL11A-H1:QYAQNTHGL	17	12373
>BCL11A-H1:QHAQNTHGL	35	>BCL11A-H1:QYAQNTHGL	1745	1710
>BCL11A-H1:QHAQNTHGL	265	>BCL11A-H1:QYAQNTHGL	21	244
>BCL11A-H1:PFTSAWFLC	870	>BCL11A-H1:PFTSAWFLC	9	861
>BCL11A-H1:PFTSAWFLC	7749	>BCL11A-H1:PFTSAWFLC	97	7652



>BCL11A-H1{LQHAQNTHG	732	>BCL11A-H1{LQYAQNTHG	92	640
>BCL11A-H1{LQHAQNTHG	912	>BCL11A-H1{LQYAQNTHG	136	776
>BCL11A-H1{LQHAQNTHG	1077	>BCL11A-H1{LQYAQNTHG	129	948
>BCL11A-H1{LQHAQNTHG	1166	>BCL11A-H1{LQYAQNTHG	177	989
>BCL11A-H1{LQHAQNTHG	1850	>BCL11A-H1{LQYAQNTHG	361	1489
>BCL11A-H1{LQHAQNTHG	38	>BCL11A-H1{LQYAQNTHG	20	18
>BCL11A-H1{LQHAQNTH	441	>BCL11A-H1{LQYAQNTH	174	267
>BCL11A-H1{LQHAQNTHG	189	>BCL11A-H1{LQYAQNTHG	100	89
>BCL11A-H1{LQHAQNTHG	141	>BCL11A-H1{LQYAQNTHG	75	66
>BCL11A-H1{LQHAQNTHG	1436	>BCL11A-H1{LQYAQNTHG	475	961
>BCL11A-H1{LQHAQNTH	267	>BCL11A-H1{LQYAQNTH	54	213
>BCL11A-H1{LQHAQNTHG	75	>BCL11A-H1{LQYAQNTHG	19	56
>BCL11A-H1{LQHAQNTHG	1870	>BCL11A-H1{LQYAQNTHG	436	1434
>BCL11A-H1{LQHAQNTHG	296	>BCL11A-H1{LQYAQNTHG	149	147
>BCL11A-H1{LQHAQNTHG	1415	>BCL11A-H1{LQYAQNTHG	335	1080
>BCL11A-H1{LQHAQNTHG	467	>BCL11A-H1{LQYAQNTHG	192	275
>BCL11A-H1{LLQHAQNTH	175	>BCL11A-H1{LLQYAQNTH	144	31
>BCL11A-H1{LLQHAQNTH	16	>BCL11A-H1{LLQYAQNTH	14	2
>BCL11A-H1{LLQHAQNTH	85	>BCL11A-H1{LLQYAQNTH	160	75
>BCL11A-H1{LLQHAQNTH	36	>BCL11A-H1{LLQYAQNTH	83	47
>BCL11A-H1{LLQHAQNTH	6	>BCL11A-H1{LLQYAQNTH	8	2
>BCL11A-H1{LLQHAQNTH	137	>BCL11A-H1{LLQYAQNTH	275	138
>BCL11A-H1{LLQHAQNTH	26	>BCL11A-H1{LLQYAQNTH	29	3
>BCL11A-H1{LLQHAQNT	200	>BCL11A-H1{LLQYAQNT	411	211
>BCL11A-H1{LLQHAQNTH	3	>BCL11A-H1{LLQYAQNTH	5	2
>BCL11A-H1{FLLQHAQNT	387	>BCL11A-H1{FLLQYAQNT	70	317
>BCL11A-H1{FLLQHAQNT	286	>BCL11A-H1{FLLQYAQNT	100	186
>BCL11A-H1{FLLQHAQNT	870	>BCL11A-H1{FLLQYAQNT	422	448
>BCL11A-H1{FLLQHAQNT	108	>BCL11A-H1{FLLQYAQNT	185	77
>BCL11A-H1{FLLQHAQNT	211	>BCL11A-H1{FLLQYAQNT	91	120
>BCL11A-H1{FLLQHAQN	199	>BCL11A-H1{FLLQYAQN	100	99
>BCL11A-H1{FLLQHAQNT	21	>BCL11A-H1{FLLQYAQNT	9	12
>BCL11A-H1{FLLQHAQNT	530	>BCL11A-H1{FLLQYAQNT	265	265
>BCL11A-H1{FLLQHAQNT	298	>BCL11A-H1{FLLQYAQNT	147	151
>BCL11A-H1{FLLQHAQNT	96	>BCL11A-H1{FLLQYAQNT	44	52
>BCL11A-H1{FLLQHAQNT	431	>BCL11A-H1{FLLQYAQNT	155	276
>BCL11A-H1{FLLQHAQN	313	>BCL11A-H1{FLLQYAQN	174	139
>BCL11A-H1{FLLQHAQNT	9	>BCL11A-H1{FLLQYAQNT	5	4
>BCL11A-H1{FLLQHAQNT	752	>BCL11A-H1{FLLQYAQNT	414	338
>BCL11A-H1{AWFLLQHAQ	844	>BCL11A-H1{AWFLLQYAQ	429	415
>BCL11A-H1{AWFLLQHA	210	>BCL11A-H1{AWFLLQYA	71	139
>BCL11A-H1{AWFLLQHAQ	112	>BCL11A-H1{AWFLLQYAQ	155	43
>BCL11A-H1{AWFLLQHAQ	539	>BCL11A-H1{AWFLLQYAQ	472	67

>BCL11A-H1{SAWFLLQHA	2549	>BCL11A-H1{SAWFLLQYA	420	2129
>BCL11A-H1{SAWFLLQHA	1950	>BCL11A-H1{SAWFLLQYA	169	1781
>BCL11A-H1{SAWFLLQH	4270	>BCL11A-H1{SAWFLLQY	474	3796
>BCL11A-H1{SAWFLLQH	1303	>BCL11A-H1{SAWFLLQY	15	1288
>BCL11A-H1{SAWFLLQH	14148	>BCL11A-H1{SAWFLLQY	191	13957
>BCL11A-H1{SAWFLLQHA	1924	>BCL11A-H1{SAWFLLQYA	451	1473
>BCL11A-H1{SAWFLLQHA	1493	>BCL11A-H1{SAWFLLQYA	341	1152
>BCL11A-H1{SAWFLLQH	13300	>BCL11A-H1{SAWFLLQY	43	13257
>BCL11A-H1{SAWFLLQH	2193	>BCL11A-H1{SAWFLLQY	14	2179
>BCL11A-H1{SAWFLLQH	2143	>BCL11A-H1{SAWFLLQY	71	2072
>BCL11A-H1{TSAWFLLQH	13743	>BCL11A-H1{TSAWFLLQY	29	13714
>BCL11A-H1{TSAWFLLQH	231	>BCL11A-H1{TSAWFLLQY	26	205
>BCL11A-H1{TSAWFLLQH	15316	>BCL11A-H1{TSAWFLLQY	403	14913
>BCL11A-H1{TSAWFLLQH	7904	>BCL11A-H1{TSAWFLLQY	53	7851
>BCL11A-H1{TSAWFLLQH	2313	>BCL11A-H1{TSAWFLLQY	13	2300
>BCL11A-H1{TSAWFLLQH	10524	>BCL11A-H1{TSAWFLLQY	65	10459
>BCL11A-H1{TSAWFLLQH	1761	>BCL11A-H1{TSAWFLLQY	237	1524
>BCL11A-H1{TSAWFLLQH/	123	>BCL11A-H1{TSAWFLLQY/	43	80
>BCL11A-H1{TSAWFLLQH/	579	>BCL11A-H1{TSAWFLLQY/	179	400
>BCL11A-H1{TSAWFLLQH	12005	>BCL11A-H1{TSAWFLLQY	88	11917
>BCL11A-H1{TSAWFLLQH	887	>BCL11A-H1{TSAWFLLQY	6	881
>BCL11A-H1{TSAWFLLQH	8606	>BCL11A-H1{TSAWFLLQY	371	8235
>BCL11A-H1{TSAWFLLQH	2519	>BCL11A-H1{TSAWFLLQY	29	2490
>BCL11A-H1{TSAWFLLQH	809	>BCL11A-H1{TSAWFLLQY	43	766
>BCL11A-H1{TSAWFLLQH	12272	>BCL11A-H1{TSAWFLLQY	132	12140
>BCL11A-H1{FTSAWFLLQH	3068	>BCL11A-H1{FTSAWFLLQY	16	3052
>BCL11A-H1{FTSAWFLLQH	166	>BCL11A-H1{FTSAWFLLQY	40	126
>BCL11A-H1{FTSAWFLLQH	36	>BCL11A-H1{FTSAWFLLQY	10	26
>BCL11A-H1{FTSAWFLLQH	43	>BCL11A-H1{FTSAWFLLQY	22	21
>BCL11A-H1{FTSAWFLLQH	15	>BCL11A-H1{FTSAWFLLQY	10	5
>BCL11A-H1{FTSAWFLLQH	320	>BCL11A-H1{FTSAWFLLQY	45	275
>BCL11A-H1{FTSAWFLLQH	687	>BCL11A-H1{FTSAWFLLQY	310	377
>BCL11A-H1{FTSAWFLLQH	375	>BCL11A-H1{FTSAWFLLQY	175	200
>BCL11A-H1{FTSAWFLLQH	2952	>BCL11A-H1{FTSAWFLLQY	129	2823
>BCL11A-H1{FTSAWFLLQH	1972	>BCL11A-H1{FTSAWFLLQY	40	1932
>BCL11A-H1{FTSAWFLLQH	9410	>BCL11A-H1{FTSAWFLLQY	180	9230
>BCL11A-H1{FTSAWFLLQH	5864	>BCL11A-H1{FTSAWFLLQY	191	5673
>BCL11A-H1{FTSAWFLLQH	10090	>BCL11A-H1{FTSAWFLLQY	111	9979
>BCL11A-H1{FTSAWFLLQH	5801	>BCL11A-H1{FTSAWFLLQY	25	5776
>BCL11A-H1{FTSAWFLLQH	16220	>BCL11A-H1{FTSAWFLLQY	95	16125
>BCL11A-H1{FTSAWFLLQH	973	>BCL11A-H1{FTSAWFLLQY	76	897
>BCL11A-H1{FTSAWFLLQH	18	>BCL11A-H1{FTSAWFLLQY	10	8
>BCL11A-H1{FTSAWFLLQH	137	>BCL11A-H1{FTSAWFLLQY	42	95

>BCL11A-H1{FTSAWFLLQF	2756	>BCL11A-H1{FTSAWFLLQY	8	2748
>BCL11A-H1{FTSAWFLLQF	4455	>BCL11A-H1{FTSAWFLLQY	97	4358
>BCL11A-H1{FTSAWFLLQF	8623	>BCL11A-H1{FTSAWFLLQY	293	8330
>BCL11A-H1{FTSAWFLLQF	697	>BCL11A-H1{FTSAWFLLQY	5	692
>BCL11A-H1{FTSAWFLLQF	2535	>BCL11A-H1{FTSAWFLLQY	23	2512
>BCL11A-H1{FTSAWFLLQF	926	>BCL11A-H1{FTSAWFLLQY	22	904
>BCL11A-P3C PMAMEPPA	6873	>BCL11A-P3C SMAMEPPA	64	6809
>BCL11A-P3C PMAMEPPAN	12429	>BCL11A-P3C SMAMEPPAN	224	12205
>BCL11A-P3C PMAMEPPA	4238	>BCL11A-P3C SMAMEPPA	116	4122
>BCL11A-P3C PMAMEPPAN	8155	>BCL11A-P3C SMAMEPPAN	351	7804
>BCL11A-P3C PMAMEPPA	2011	>BCL11A-P3C SMAMEPPA	28	1983
>BCL11A-P3C PMAMEPPAN	7783	>BCL11A-P3C SMAMEPPAN	206	7577
>BCL11A-P3C PMAMEPPA	10071	>BCL11A-P3C SMAMEPPA	292	9779
>BCL11A-P3C PMAMEPPA	1204	>BCL11A-P3C SMAMEPPA	44	1160
>BCL11A-P3C PMAMEPPAN	966	>BCL11A-P3C SMAMEPPAN	48	918
>BCL11A-P3C PMAMEPPA	7271	>BCL11A-P3C SMAMEPPA	372	6899
>BCL11A-P3C PMAMEPPA	553	>BCL11A-P3C SMAMEPPA	14	539
>BCL11A-P3C PMAMEPPAN	3503	>BCL11A-P3C SMAMEPPAN	99	3404
>BCL11A-P3C PMAMEPPAN	2525	>BCL11A-P3C SMAMEPPAN	452	2073
>BCL11A-P3C PMAMEPPA	421	>BCL11A-P3C SMAMEPPA	27	394
>BCL11A-P3C PMAMEPPAN	2977	>BCL11A-P3C SMAMEPPAN	203	2774
>BCL11A-P3C PMAMEPPAN	1076	>BCL11A-P3C SMAMEPPAN	350	726
>BCL11A-P3C PMAMEPPAN	4470	>BCL11A-P3C SMAMEPPAN	132	4338
>BCL11A-P3C PMAMEPPAN	3929	>BCL11A-P3C SMAMEPPAN	137	3792
>BCL11A-P3C PMAMEPPAN	512	>BCL11A-P3C SMAMEPPAN	39	473
>BCL11A-P3C PMAMEPPAN	44	>BCL11A-P3C SMAMEPPAN	8	36
>BCL11A-P3C PMAMEPPAN	2408	>BCL11A-P3C SMAMEPPAN	273	2135
>BCL11A-P3C NPMAMEPPA	106	>BCL11A-P3C NSMAMEPPA	22689	22583
>BCL11A-P3C NPMAMEPPA	7852	>BCL11A-P3C NSMAMEPPA	445	7407
>BCL11A-P3C NPMAMEPPA	173	>BCL11A-P3C NSMAMEPPA	21415	21242
>BCL11A-P3C NPMAMEPPA	219	>BCL11A-P3C NSMAMEPPA	27464	27245
>BCL11A-P3C NPMAMEPPA	23466	>BCL11A-P3C NSMAMEPPA	322	23144
>BCL11A-P3C NPMAMEPPA	92	>BCL11A-P3C NSMAMEPPA	5638	5546
>BCL11A-P3C NPMAMEPPA	144	>BCL11A-P3C NSMAMEPPA	28767	28623
>BCL11A-P3C NPMAMEPPA	24	>BCL11A-P3C NSMAMEPPA	268	244
>BCL11A-P3C NPMAMEPPA	11	>BCL11A-P3C NSMAMEPPA	3088	3077
>BCL11A-P3C NPMAMEPPA	12381	>BCL11A-P3C NSMAMEPPA	144	12237
>BCL11A-P3C RLNPNAMEF	252	>BCL11A-P3C RLNSNAMEF	203	49
>BCL11A-P3C RLNPNAMEF	287	>BCL11A-P3C RLNSNAMEF	243	44
>BCL11A-P3C RLNPNAMEF	19	>BCL11A-P3C RLNSNAMEF	19	0
>BCL11A-P3C RLNPNAMEF	265	>BCL11A-P3C RLNSNAMEF	682	417
>BCL11A-P3C RLNPNAMEF	82	>BCL11A-P3C RLNSNAMEF	98	16
>BCL11A-P3C RLNPNAMEF	329	>BCL11A-P3C RLNSNAMEF	453	124

>BCL11A-P3C RLNP MAMEF	55	>BCL11A-P3C RLNSMAMEF	75	20
>BCL11A-P3C RLNP MAMEF	14	>BCL11A-P3C RLNSMAMEF	25	11
>BCL11A-P3C RLNP MAMEF	121	>BCL11A-P3C RLNSMAMEF	205	84
>BCL11A-P3C LRLNP MAM	24	>BCL11A-P3C LRLNSMAM	14	10
>BCL11A-P3C LRLNP MAM	113	>BCL11A-P3C LRLNSMAM	97	16
>BCL11A-P3C LRLNP MAM	446	>BCL11A-P3C LRLNSMAM	232	214
>BCL11A-P3C VLRLNPMA	537	>BCL11A-P3C VLRLNSMA	191	346
>BCL11A-P3C VLRLNPMA	79	>BCL11A-P3C VLRLNSMA	99	20
>BCL11A-P3C VLRLNPMA	337	>BCL11A-P3C VLRLNSMA	568	231
>BCL11A-P3C VLRLNPMAV	335	>BCL11A-P3C VLRLNSMAM	145	190
>BCL11A-P3C VLRLNPMAV	773	>BCL11A-P3C VLRLNSMAM	168	605
>BCL11A-P3C VLRLNPMAV	528	>BCL11A-P3C VLRLNSMAM	237	291
>BCL11A-P3C VLRLNPMAV	897	>BCL11A-P3C VLRLNSMAM	100	797
>BCL11A-P3C VLRLNPMAV	1435	>BCL11A-P3C VLRLNSMAM	419	1016
>BCL11A-P3C VLRLNPMAV	94	>BCL11A-P3C VLRLNSMAM	84	10
>BCL11A-P3C RVLRLNP M	194	>BCL11A-P3C RVLRLNSM	422	228
>BCL11A-P3C RVLRLNPMA	321	>BCL11A-P3C RVLRLNSMA	1300	979
>BCL11A-P3C RVLRLNP M	326	>BCL11A-P3C RVLRLNSM	494	168
>BCL11A-P3C RVLRLNP M	27	>BCL11A-P3C RVLRLNSM	59	32
>BCL11A-P3C RVLRLNPMA	14	>BCL11A-P3C RVLRLNSMA	45	31
>BCL11A-P3C RVLRLNPMAI	22	>BCL11A-P3C RVLRLNSMAI	26	4
>BCL11A-P3C RVLRLNP M	149	>BCL11A-P3C RVLRLNSM	158	9
>BCL11A-P3C RVLRLNPMAI	80	>BCL11A-P3C RVLRLNSMAI	83	3
>BCL11A-P3C RVLRLNP M	546	>BCL11A-P3C RVLRLNSM	426	120
>BCL11A-P3C RVLRLNPMAI	1637	>BCL11A-P3C RVLRLNSMAI	452	1185
>BCL11A-P3C RVLRLNPMAI	286	>BCL11A-P3C RVLRLNSMAI	191	95
>BCL11A-P3C RVLRLNP M	492	>BCL11A-P3C RVLRLNSM	495	3
>BCL11A-P3C RVLRLNPMAI	413	>BCL11A-P3C RVLRLNSMAI	184	229
>BCL11A-P3C RVLRLNPMAI	387	>BCL11A-P3C RVLRLNSMAI	617	230
>BCL11A-P3C RVLRLNP M	668	>BCL11A-P3C RVLRLNSM	228	440
>BCL11A-P3C RVLRLNPMA	4130	>BCL11A-P3C RVLRLNSMA	126	4004
>BCL11A-P3C RVLRLNPMAI	59	>BCL11A-P3C RVLRLNSMAI	73	14
>BCL11A-P3C FDRVRLNP M	381	>BCL11A-P3C FDRVRLNSM	516	135
>BCL11A-R74 RSDTCEYCGK	191	>BCL11A-R74 CSDTCEYCGK	1244	1053
>BCL11A-R74 RSDTCEYCGK	102	>BCL11A-R74 CSDTCEYCGK	312	210
>BCL11A-R74 RSDTCEYCGK	394	>BCL11A-R74 CSDTCEYCGK	2588	2194
>BCL11A-R74 RRSDTCEYCG	2422	>BCL11A-R74 RCSDTCEYCG	350	2072
>BCL11A-R74 RRSDTCEY	41	>BCL11A-R74 RCSDTCEY	885	844
>BCL11A-R74 RRSDTCEYCG	251	>BCL11A-R74 RCSDTCEYCG	23263	23012
>BCL11A-R74 RRSDTCEYCG	482	>BCL11A-R74 RCSDTCEYCG	26395	25913
>BCL11A-R74 GRRSDTCEY	69	>BCL11A-R74 GRCSDTCEY	311	242
>BCL11A-R74 KEGRRSDTCE	440	>BCL11A-R74 KEGRCSDTCE	607	167
>BCL11A-R74 KEGRRSDTCE	590	>BCL11A-R74 KEGRCSDTCE	497	93

>BCL11A-R74KEGRRSDTCE	850	>BCL11A-R74KEGRCSDTCE	306	544
>BCL11A-S14SAHGALIPT	2053	>BCL11A-S14FAHGALIPT	134	1919
>BCL11A-S14SAHGALIPT	448	>BCL11A-S14FAHGALIPT	7758	7310
>BCL11A-S14SAHGALIPT	4568	>BCL11A-S14FAHGALIPT	430	4138
>BCL11A-S14SAHGALIPT	17368	>BCL11A-S14FAHGALIPT	106	17262
>BCL11A-S14RSAHGALI	2435	>BCL11A-S14RFAHGALI	164	2271
>BCL11A-S14RSAHGALI	13622	>BCL11A-S14RFAHGALI	163	13459
>BCL11A-S14RSAHGALI	373	>BCL11A-S14RFAHGALI	1324	951
>BCL11A-S14RSAHGALI	8	>BCL11A-S14RFAHGALI	18919	18911
>BCL11A-S14RSAHGALIPT	168	>BCL11A-S14RFAHGALIPT	26566	26398
>BCL11A-S14RSAHGALI	31	>BCL11A-S14RFAHGALI	4981	4950
>BCL11A-S14RSAHGALI	76	>BCL11A-S14RFAHGALI	22397	22321
>BCL11A-S14RSAHGALI	25	>BCL11A-S14RFAHGALI	2764	2739
>BCL11A-S14RSAHGALI	8	>BCL11A-S14RFAHGALI	822	814
>BCL11A-S14LHWRLSSPF	6098	>BCL11A-S14LHWRLSSPF	20	6078
>BCL11A-S14LHWRLSSPF	15581	>BCL11A-S14LHWRLSSPF	270	15311
>BCL11A-S14PRSAHGALI	1720	>BCL11A-S14PRFAHGALI	366	1354
>BCL11A-S14SPRSAHGAL	19	>BCL11A-S14SPRFAHGAL	421	402
>BCL11A-S14SPRSAHGA	27	>BCL11A-S14SPRFAHGA	44	17
>BCL11A-S14SPRSAHGAL	6	>BCL11A-S14SPRFAHGAL	5	1
>BCL11A-S14SPRSAHGALI	15	>BCL11A-S14SPRFAHGALI	19	4
>BCL11A-S14SPRSAHGAL	295	>BCL11A-S14SPRFAHGAL	307	12
>BCL11A-S14SPRSAHGAL	424	>BCL11A-S14SPRFAHGAL	704	280
>BCL11A-S14SPRSAHGALI	159	>BCL11A-S14SPRFAHGALI	315	156
>BCL11A-S14SSPRSAHGAL	733	>BCL11A-S14SSPRFAHGAL	313	420
>BCL11A-S14SSPRSAHGAL	3470	>BCL11A-S14SSPRFAHGAL	339	3131
>BCL11A-S14SSPRSAHGA	1614	>BCL11A-S14SSPRFAHGA	494	1120
>BCL11A-S14SSPRSAHGAL	443	>BCL11A-S14SSPRFAHGAL	175	268
>BCL11A-S14SSPRSAHGA	446	>BCL11A-S14SSPRFAHGA	122	324
>BCL11A-S14SSPRSAHGAL	7	>BCL11A-S14SSPRFAHGAL	5	2
>BCL11A-S14SSPRSAHGAL	3	>BCL11A-S14SSPRFAHGAL	2	1
>BCL11A-S14SSPRSAHGAL	436	>BCL11A-S14SSPRFAHGAL	246	190
>BCL11A-S14SSPRSAHGAL	51	>BCL11A-S14SSPRFAHGAL	39	12
>BCL11A-S14LSSPRSAHGA	345	>BCL11A-S14LSSPRFAHGA	418	73
>BCL11A-S14LSSPRSAH	485	>BCL11A-S14LSSPRFAH	1279	794
>BCL11A-S14LSSPRSAHGA	14	>BCL11A-S14LSSPRFAHGA	24	10
>BCL11A-S14LSSPRSAHGA	280	>BCL11A-S14LSSPRFAHGA	182	98
>BCL11A-S14LSSPRSAHGA	429	>BCL11A-S14LSSPRFAHGA	439	10
>BCL11A-S14LSSPRSAHGA	72	>BCL11A-S14LSSPRFAHGA	75	3
>BCL11A-S14GLSSPRSA	892	>BCL11A-S14GLSSPRFA	215	677
>BCL11A-S14GLSSPRSAHG	263	>BCL11A-S14GLSSPRFAHG	99	164
>BCL11A-S14GLSSPRSA	67	>BCL11A-S14GLSSPRFA	94	27
>BCL11A-S14GLSSPRSAHG	66	>BCL11A-S14GLSSPRFAHG	90	24

>BCL11A-S14GLSSPRSA	571	>BCL11A-S14GLSSPRFA	221	350
>BCL11A-S14GLSSPRSAHG	245	>BCL11A-S14GLSSPRFAHG	84	161
>BCL11A-S14GLSSPRSAHG	279	>BCL11A-S14GLSSPRFAHG	154	125
>BCL11A-S14GLSSPRSA	2153	>BCL11A-S14GLSSPRFA	331	1822
>BCL11A-S14GLSSPRSAHG	306	>BCL11A-S14GLSSPRFAHG	137	169
>BCL11A-S14GLSSPRSA	106	>BCL11A-S14GLSSPRFA	109	3
>BCL11A-S14GLSSPRSAHG	14	>BCL11A-S14GLSSPRFAHG	10	4
>BCL11A-S14GLSSPRSAH	309	>BCL11A-S14GLSSPRFAH	5210	4901
>BCL11A-S14RGLSSPRSA	643	>BCL11A-S14RGLSSPRFA	151	492
>BCL11A-S14RGLSSPRS	17040	>BCL11A-S14RGLSSPRF	56	16984
>BCL11A-S14RGLSSPRS	12202	>BCL11A-S14RGLSSPRF	11	12191
>BCL11A-S14RGLSSPRS	20603	>BCL11A-S14RGLSSPRF	295	20308
>BCL11A-S14WRGLSSPRS	18287	>BCL11A-S14WRGLSSPRF	259	18028
>BCL11A-S14WRGLSSPRS/	324	>BCL11A-S14WRGLSSPRF/	142	182
>BCL11A-S14WRGLSSPRS/	1067	>BCL11A-S14WRGLSSPRF/	438	629
>BCL11A-S14WRGLSSPRS/	1057	>BCL11A-S14WRGLSSPRF/	408	649
>BCL11A-S14HWRGLSSPR!	34439	>BCL11A-S14HWRGLSSPRI	154	34285
>BCL11A-S14HWRGLSSPR!	31301	>BCL11A-S14HWRGLSSPRI	306	30995
>BCL11A-S14HWRGLSSPR!	16887	>BCL11A-S14HWRGLSSPRI	88	16799
>BCL11A-S14HWRGLSSPR!	179	>BCL11A-S14HWRGLSSPRI	576	397
>BCL11A-S14HWRGLSSPR!	21	>BCL11A-S14HWRGLSSPRI	11	10
>BCL11A-S14HWRGLSSPR!	206	>BCL11A-S14HWRGLSSPRI	63	143
>BCL11A-S39SNLVVHRR	254	>BCL11A-S39NNLVVHRR	1558	1304
>BCL11A-S39SNLVVHRR	877	>BCL11A-S39NNLVVHRR	424	453
>BCL11A-S39QSNLVVHR	25	>BCL11A-S39QNNLVVHR	685	660
>BCL11A-S39QSNLVVHRR	31	>BCL11A-S39QNNLVVHRR	989	958
>BCL11A-S39QSNLVVHR	408	>BCL11A-S39QNNLVVHR	6953	6545
>BCL11A-S39QSNLVVHR	53	>BCL11A-S39QNNLVVHR	437	384
>BCL11A-S39QSNLVVHRR	26	>BCL11A-S39QNNLVVHRR	227	201
>BCL11A-S39QSNLVVHR	620	>BCL11A-S39QNNLVVHR	449	171
>BCL11A-S39FQSNLVVHR	145	>BCL11A-S39FQNNLVVHR	36	109
>BCL11A-S39FQSNLVVHRF	47	>BCL11A-S39FQNNLVVHR	77	30
>BCL11A-S39FQSNLVVHR	271	>BCL11A-S39FQNNLVVHR	476	205
>BCL11A-S39FQSNLVVHRF	158	>BCL11A-S39FQNNLVVHR	760	602
>BCL11A-S39FQSNLVVH	234	>BCL11A-S39FQNNLVVH	209	25
>BCL11A-S39FQSNLVVH	110	>BCL11A-S39FQNNLVVH	116	6
>BCL11A-S39FQSNLVVHR	128	>BCL11A-S39FQNNLVVHR	124	4
>BCL11A-S39FQSNLVVHR	583	>BCL11A-S39FQNNLVVHR	437	146
>BCL11A-S39FQSNLVVHR	182	>BCL11A-S39FQNNLVVHR	219	37
>BCL11A-S39KFQSNLVVHF	9	>BCL11A-S39KFQNNLVVH	8	1
>BCL11A-S39KFQSNLVVHF	7	>BCL11A-S39KFQNNLVVH	7	0
>BCL11A-S39KFQSNLVVHF	104	>BCL11A-S39KFQNNLVVH	111	7
>BCL11A-S39KFQSNLVVHF	14	>BCL11A-S39KFQNNLVVH	16	2

>BCL11A-S39 KFKFQSNL	22	>BCL11A-S39 KFKFQSNL	25	3
>BCL11A-S39 KFKFQSNLV	284	>BCL11A-S39 KFKFQSNLV	498	214
>BCL11A-S39 KFKFQSNLVV	159	>BCL11A-S39 KFKFQSNLVV	228	69
>BCL11A-S39 KFKFQSNLVVH	165	>BCL11A-S39 KFKFQSNLVVH	308	143
>BCL11A-S39 KFKFQSNLVVHf	519	>BCL11A-S39 KFKFQSNLVVHf	409	110
>BCL11A-S39 KFKFQSNLVVHf	612	>BCL11A-S39 KFKFQSNLVVHf	298	314
>BCL11A-S39 KFKFQSNLVVHf	410	>BCL11A-S39 KFKFQSNLVVHf	438	28
>BCL11A-S39 KFKFQSNLVVHf	94	>BCL11A-S39 KFKFQSNLVVHf	108	14
>BCL11A-S39 KFKFQSNLVVHf	11	>BCL11A-S39 KFKFQSNLVVHf	20	9
>BCL11A-S39 KFKFQSNLVVHf	4	>BCL11A-S39 KFKFQSNLVVHf	7	3
>BCL11A-S39 KFKFQSNLVVHf	9	>BCL11A-S39 KFKFQSNLVVHf	13	4
>BCL11A-S39 KFKFQSNLVVHf	14	>BCL11A-S39 KFKFQSNLVVHf	22	8
>BCL11A-S39 KFKFQSNLVVHf	234	>BCL11A-S39 KFKFQSNLVVHf	373	139
>BCL11A-S39 KFKFQSNLVVHf	34	>BCL11A-S39 KFKFQSNLVVHf	42	8
>BCL11A-S39 KFKFQSNLVVHf	90	>BCL11A-S39 KFKFQSNLVVHf	67	23
>BCL11A-S39 KFKFQSNLVVHf	194	>BCL11A-S39 KFKFQSNLVVHf	391	197
>BCL11A-S39 KFKFQSNLVVHf	377	>BCL11A-S39 KFKFQSNLVVHf	636	259
>BCL11A-S39 KFKFQSNLVVHf	24	>BCL11A-S39 KFKFQSNLVVHf	21	3
>BCL11A-S39 KFKFQSNLVVHf	242	>BCL11A-S39 KFKFQSNLVVHf	270	28
>BCL11A-S39 KFKFQSNLVVHf	49	>BCL11A-S39 KFKFQSNLVVHf	26	23
>BCL11A-S39 KFKFQSNLVVHf	216	>BCL11A-S39 KFKFQSNLVVHf	200	16
>BCL11A-S39 KFKFQSNLVVHf	311	>BCL11A-S39 KFKFQSNLVVHf	274	37
>BCL11A-S39 KFKFQSNLVVHf	84	>BCL11A-S39 KFKFQSNLVVHf	131	47
>BCL11A-S39 KFKFQSNLVVHf	489	>BCL11A-S39 KFKFQSNLVVHf	854	365
>BCL11A-S39 KFKFQSNLVVHf	277	>BCL11A-S39 KFKFQSNLVVHf	293	16
>BCL11A-S39 KFKFQSNLVVHf	198	>BCL11A-S39 KFKFQSNLVVHf	222	24
>BCL11A-S39 KFKFQSNLVVHf	63	>BCL11A-S39 KFKFQSNLVVHf	114	51
>BCL11A-S39 KFKFQSNLVVHf	41	>BCL11A-S39 KFKFQSNLVVHf	41	0
>BCL11A-S39 KFKFQSNLVVHf	122	>BCL11A-S39 KFKFQSNLVVHf	247	125
>BCL11A-S39 KFKFQSNLVVHf	124	>BCL11A-S39 KFKFQSNLVVHf	156	32
>BCL11A-S39 KFKFQSNLVVHf	28	>BCL11A-S39 KFKFQSNLVVHf	22	6
>BCL11A-S39 KFKFQSNLVVHf	12	>BCL11A-S39 KFKFQSNLVVHf	13	1
>BCL11A-S39 KFKFQSNLVVHf	18	>BCL11A-S39 KFKFQSNLVVHf	18	0
>BCL11A-S39 KFKFQSNLVVHf	298	>BCL11A-S39 KFKFQSNLVVHf	502	204
>BCL11A-S39 KFKFQSNLVVHf	305	>BCL11A-S39 KFKFQSNLVVHf	857	552
>BCL11A-S39 KFKFQSNLVVHf	14	>BCL11A-S39 KFKFQSNLVVHf	8	6
>BCL11A-S39 KFKFQSNLVVHf	62	>BCL11A-S39 KFKFQSNLVVHf	51	11
>BCL11A-S39 KFKFQSNLVVHf	44	>BCL11A-S39 KFKFQSNLVVHf	27	17
>BCL11A-S39 KFKFQSNLVVHf	454	>BCL11A-S39 KFKFQSNLVVHf	316	138
>BCL11A-S39 KFKFQSNLVVHf	525	>BCL11A-S39 KFKFQSNLVVHf	391	134
>BCL11A-S39 KFKFQSNLVVHf	409	>BCL11A-S39 KFKFQSNLVVHf	369	40
>BCL11A-S39 KFKFQSNLVVHf	243	>BCL11A-S39 KFKFQSNLVVHf	295	52
>BCL11A-S39 KFKFQSNLVVHf	60	>BCL11A-S39 KFKFQSNLVVHf	150	90

>BCL11A-S39 KTFKFQSNLV	98	>BCL11A-S39 KTFKFQNNLV	192	94
>BCL11A-S39 KTFKFQSNL	5	>BCL11A-S39 KTFKFQNNL	17	12
>BCL11A-S39 KTFKFQSNLV	193	>BCL11A-S39 KTFKFQNNLV	798	605
>BCL11A-S39 KTFKFQSNLV	32	>BCL11A-S39 KTFKFQNNLV	99	67
>BCL11A-S39 KTFKFQSNL	171	>BCL11A-S39 KTFKFQNNL	182	11
>BCL11A-S39 KTFKFQSNL	91	>BCL11A-S39 KTFKFQNNL	164	73
>BCL11A-S39 KTFKFQSNLV	464	>BCL11A-S39 KTFKFQNNLV	755	291
>BCL11A-S39 KTFKFQSNL	490	>BCL11A-S39 KTFKFQNNL	303	187
>BCL11A-S39 KTFKFQSNL	5	>BCL11A-S39 KTFKFQNNL	27	22
>BCL11A-S39 KTFKFQSNLV	227	>BCL11A-S39 KTFKFQNNLV	643	416
>BCL11A-S39 KTFKFQSNLV	15	>BCL11A-S39 KTFKFQNNLV	41	26
>BCL11A-S39 KTFKFQSNL	25	>BCL11A-S39 KTFKFQNNL	76	51
>BCL11A-S39 KTFKFQSNLV	128	>BCL11A-S39 KTFKFQNNLV	221	93
>BCL11A-S55 SMQHFSEAF	406	>BCL11A-S55 FMQHFSEAF	922	516
>BCL11A-S55 SMQHFSEAFI	459	>BCL11A-S55 FMQHFSEAFI	714	255
>BCL11A-S55 SMQHFSEA	121	>BCL11A-S55 FMQHFSEA	17	104
>BCL11A-S55 SMQHFSEA	68	>BCL11A-S55 FMQHFSEA	6	62
>BCL11A-S55 SMQHFSEAF	850	>BCL11A-S55 FMQHFSEAF	40	810
>BCL11A-S55 SMQHFSEAFI	2391	>BCL11A-S55 FMQHFSEAFI	127	2264
>BCL11A-S55 SMQHFSEA	28	>BCL11A-S55 FMQHFSEA	5	23
>BCL11A-S55 SMQHFSEA	665	>BCL11A-S55 FMQHFSEA	37	628
>BCL11A-S55 SMQHFSEAF	2713	>BCL11A-S55 FMQHFSEAF	228	2485
>BCL11A-S55 SMQHFSEA	42	>BCL11A-S55 FMQHFSEA	8	34
>BCL11A-S55 SMQHFSEAF	1034	>BCL11A-S55 FMQHFSEAF	117	917
>BCL11A-S55 SMQHFSEAFI	2272	>BCL11A-S55 FMQHFSEAFI	409	1863
>BCL11A-S55 SMQHFSEA	99	>BCL11A-S55 FMQHFSEA	10	89
>BCL11A-S55 SMQHFSEAF	4234	>BCL11A-S55 FMQHFSEAF	417	3817
>BCL11A-S55 SMQHFSEAFI	2889	>BCL11A-S55 FMQHFSEAFI	287	2602
>BCL11A-S55 SMQHFSEA	219	>BCL11A-S55 FMQHFSEA	83	136
>BCL11A-S55 SMQHFSEA	6569	>BCL11A-S55 FMQHFSEA	397	6172
>BCL11A-S55 SMQHFSEA	28	>BCL11A-S55 FMQHFSEA	6	22
>BCL11A-S55 SMQHFSEAFI	993	>BCL11A-S55 FMQHFSEAFI	63	930
>BCL11A-S55 SMQHFSEAF	459	>BCL11A-S55 FMQHFSEAF	133	326
>BCL11A-S55 SMQHFSEAF	1099	>BCL11A-S55 FMQHFSEAF	198	901
>BCL11A-S55 SMQHFSEAFI	378	>BCL11A-S55 FMQHFSEAFI	624	246
>BCL11A-S55 SMQHFSEAF	16	>BCL11A-S55 FMQHFSEAF	74	58
>BCL11A-S55 SMQHFSEAFI	1507	>BCL11A-S55 FMQHFSEAFI	357	1150
>BCL11A-S55 SMQHFSEA	568	>BCL11A-S55 FMQHFSEA	326	242
>BCL11A-S55 SMQHFSEAF	21	>BCL11A-S55 FMQHFSEAF	20	1
>BCL11A-S55 SMQHFSEAF	24	>BCL11A-S55 FMQHFSEAF	12	12
>BCL11A-S55 SMQHFSEA	588	>BCL11A-S55 FMQHFSEA	176	412
>BCL11A-S55 SMQHFSEAF	6	>BCL11A-S55 FMQHFSEAF	4	2
>BCL11A-S55 SMQHFSEAFI	1268	>BCL11A-S55 FMQHFSEAFI	382	886



>BCL11A-S55 SMQHFSEAF	518	>BCL11A-S55 FMQHFSEAF	64	454
>BCL11A-S55 SSMQHFSEA	260	>BCL11A-S55 SFMQHFSEA	1460	1200
>BCL11A-S55 SSMQHFSEAI	168	>BCL11A-S55 SFMQHFSEAI	5583	5415
>BCL11A-S55 SSMQHFSEAI	5544	>BCL11A-S55 SFMQHFSEAI	227	5317
>BCL11A-S55 SSMQHFSEAI	3814	>BCL11A-S55 SFMQHFSEAI	242	3572
>BCL11A-S55 SSMQHFSEAI	571	>BCL11A-S55 SFMQHFSEAI	5	566
>BCL11A-S55 SSMQHFSEAI	42	>BCL11A-S55 SFMQHFSEAI	1007	965
>BCL11A-S55 SSMQHFSEAI	992	>BCL11A-S55 SFMQHFSEAI	209	783
>BCL11A-S55 SSMQHFSEAI	47	>BCL11A-S55 SFMQHFSEAI	372	325
>BCL11A-S55 SSMQHFSEA	165	>BCL11A-S55 SFMQHFSEA	167	2
>BCL11A-S55 SSMQHFSEAI	25	>BCL11A-S55 SFMQHFSEAI	70	45
>BCL11A-S55 SSMQHFSEAI	846	>BCL11A-S55 SFMQHFSEAI	106	740
>BCL11A-S55 SSMQHFSEAI	8	>BCL11A-S55 SFMQHFSEAI	127	119
>BCL11A-S55 SSMQHFSEAI	8	>BCL11A-S55 SFMQHFSEAI	20142	20134
>BCL11A-S55 SSMQHFSEAI	268	>BCL11A-S55 SFMQHFSEAI	15929	15661
>BCL11A-S55 SSMQHFSEAI	108	>BCL11A-S55 SFMQHFSEAI	7893	7785
>BCL11A-S55 SSMQHFSEAI	275	>BCL11A-S55 SFMQHFSEAI	5562	5287
>BCL11A-S55 SSMQHFSE	314	>BCL11A-S55 SFMQHFSE	4646	4332
>BCL11A-S55 SSMQHFSEA	249	>BCL11A-S55 SFMQHFSEA	5198	4949
>BCL11A-S55 SSMQHFSEAI	399	>BCL11A-S55 SFMQHFSEAI	5915	5516
>BCL11A-S55 SSMQHFSEAI	293	>BCL11A-S55 SFMQHFSEAI	2844	2551
>BCL11A-S55 LSSMQHFSE/	3389	>BCL11A-S55 LSFMQHFSE/	207	3182
>BCL11A-S55 LSSMQHFSE/	618	>BCL11A-S55 LSFMQHFSE/	50	568
>BCL11A-S55 LSSMQHFSE/	43	>BCL11A-S55 LSFMQHFSE/	28	15
>BCL11A-S55 LSSMQHFSE/	2541	>BCL11A-S55 LSFMQHFSE/	331	2210
>BCL11A-S55 LSSMQHFSE/	15	>BCL11A-S55 LSFMQHFSE/	4	11
>BCL11A-S55 LSSMQHFSE/	6	>BCL11A-S55 LSFMQHFSE/	4	2
>BCL11A-S55 LSSMQHFSE/	128	>BCL11A-S55 LSFMQHFSE/	88	40
>BCL11A-S55 LSSMQHFSE/	1424	>BCL11A-S55 LSFMQHFSE/	261	1163
>BCL11A-S55 LSSMQHFSE/	67	>BCL11A-S55 LSFMQHFSE/	67	0
>BCL11A-S55 LSSMQHFSE/	119	>BCL11A-S55 LSFMQHFSE/	32	87
>BCL11A-S55 LSSMQHFSE/	1194	>BCL11A-S55 LSFMQHFSE/	288	906
>BCL11A-S55 VLSSMQHFSE	187	>BCL11A-S55 VLFSMQHFSE	331	144
>BCL11A-S55 VLSSMQHFS	64	>BCL11A-S55 VLFSMQHFS	154	90
>BCL11A-S55 VLSSMQHFSE	13	>BCL11A-S55 VLFSMQHFSE	18	5
>BCL11A-S55 VLSSMQHFSE	10	>BCL11A-S55 VLFSMQHFSE	13	3
>BCL11A-S55 VLSSMQHFSE	86	>BCL11A-S55 VLFSMQHFSE	165	79
>BCL11A-S55 VLSSMQHFSE	399	>BCL11A-S55 VLFSMQHFSE	544	145
>BCL11A-S55 VLSSMQHFSE	119	>BCL11A-S55 VLFSMQHFSE	254	135
>BCL11A-S55 VLSSMQHFSE	210	>BCL11A-S55 VLFSMQHFSE	287	77
>BCL11A-S55 VLSSMQHFS	49	>BCL11A-S55 VLFSMQHFS	218	169
>BCL11A-S55 VLSSMQHFSE	4	>BCL11A-S55 VLFSMQHFSE	7	3
>BCL11A-S55 VLSSMQHF	75	>BCL11A-S55 VLFSMQHF	115	40

>BCL11A-S55 VLSSMQHF	63	>BCL11A-S55 VLFSMQHF	214	151
>BCL11A-S55 MVLSSMQHF	555	>BCL11A-S55 MVLSFMQHF	24	531
>BCL11A-S55 MVLSSMQHF	158	>BCL11A-S55 MVLSFMQHF	117	41
>BCL11A-S55 MVLSSMQH	343	>BCL11A-S55 MVLSFMQH	151	192
>BCL11A-S55 MVLSSMQHF	85	>BCL11A-S55 MVLSFMQHF	151	66
>BCL11A-S55 MVLSSMQHF	114	>BCL11A-S55 MVLSFMQHF	66	48
>BCL11A-S55 MVLSSMQHF	6	>BCL11A-S55 MVLSFMQHF	8	2
>BCL11A-S55 MVLSSMQHF	639	>BCL11A-S55 MVLSFMQHF	222	417
>BCL11A-S55 MVLSSMQHF	3994	>BCL11A-S55 MVLSFMQHF	482	3512
>BCL11A-S55 MVLSSMQHF	62	>BCL11A-S55 MVLSFMQHF	154	92
>BCL11A-S55 MVLSSMQHF	9	>BCL11A-S55 MVLSFMQHF	18	9
>BCL11A-S55 MVLSSMQHF	6	>BCL11A-S55 MVLSFMQHF	19	13
>BCL11A-S55 MVLSSMQHF	441	>BCL11A-S55 MVLSFMQHF	447	6
>BCL11A-S55 MVLSSMQHF	115	>BCL11A-S55 MVLSFMQHF	159	44
>BCL11A-S55 MVLSSMQHF	133	>BCL11A-S55 MVLSFMQHF	71	62
>BCL11A-S55 GMVLSSMQH	1197	>BCL11A-S55 GMVLSFMQH	384	813
>BCL11A-S55 GMVLSSMQH	36	>BCL11A-S55 GMVLSFMQH	41	5
>BCL11A-S55 GMVLSSMQH	14	>BCL11A-S55 GMVLSFMQH	16	2
>BCL11A-S55 GMVLSSMQH	45	>BCL11A-S55 GMVLSFMQH	185	140
>BCL11A-S55 QGMVLSSMC	219	>BCL11A-S55 QGMVLSFMC	421	202
>BCL11A-S55 QGMVLSSMC	170	>BCL11A-S55 QGMVLSFMC	328	158
>BCL11A-S55 QGMVLSSMC	178	>BCL11A-S55 QGMVLSFMC	362	184
>BCL11A-S55 MQGMVLSSM	1198	>BCL11A-S55 MQGMVLSFM	118	1080
>BCL11A-S55 MQGMVLSSM	995	>BCL11A-S55 MQGMVLSFM	351	644
>BCL11A-S55 MQGMVLSSM	99	>BCL11A-S55 MQGMVLSFM	61	38
>BCL11A-S55 MQGMVLSS	2287	>BCL11A-S55 MQGMVLSF	26	2261
>BCL11A-S55 MQGMVLSSM	35	>BCL11A-S55 MQGMVLSFM	88	53
>BCL11A-S55 MQGMVLSS	4856	>BCL11A-S55 MQGMVLSF	5	4851
>BCL11A-S55 MQGMVLSSM	33	>BCL11A-S55 MQGMVLSFM	138	105
>BCL11A-S55 VMQGMVLSI	717	>BCL11A-S55 VMQGMVLSI	340	377
>BCL11A-S55 VMQGMVLSI	247	>BCL11A-S55 VMQGMVLSI	174	73
>BCL11A-S55 VMQGMVLSI	214	>BCL11A-S55 VMQGMVLSI	360	146
>BCL11A-S55 VMQGMVLSI	31	>BCL11A-S55 VMQGMVLSI	21	10
>BCL11A-S55 VMQGMVLSI	263	>BCL11A-S55 VMQGMVLSI	184	79
>BCL11A-S55 VMQGMVLSI	741	>BCL11A-S55 VMQGMVLSI	160	581
>BCL11A-S55 VMQGMVLSI	98	>BCL11A-S55 VMQGMVLSI	41	57
>BCL11A-S55 VMQGMVLSI	222	>BCL11A-S55 VMQGMVLSI	510	288
>BCL11A-S55 VMQGMVLSI	16	>BCL11A-S55 VMQGMVLSI	17	1
>BCL11A-S55 VMQGMVLSI	110	>BCL11A-S55 VMQGMVLSI	56	54
>BCL11A-S55 VMQGMVLSI	30119	>BCL11A-S55 VMQGMVLSI	268	29851
>BCL11A-S55 VMQGMVLSI	27271	>BCL11A-S55 VMQGMVLSI	496	26775
>BCL11A-S55 VMQGMVLSI	21499	>BCL11A-S55 VMQGMVLSI	173	21326
>BCL11A-S55 VMQGMVLSI	11321	>BCL11A-S55 VMQGMVLSI	209	11112

>BCL11A-S55 VMQGMVLSI	4052	>BCL11A-S55 VMQGMVLSI	28	4024
>BCL11A-S55 VMQGMVLSI	2876	>BCL11A-S55 VMQGMVLSI	27	2849
>BCL11A-S55 VMQGMVLSI	48	>BCL11A-S55 VMQGMVLSI	129	81
>BCL11A-S55 VMQGMVLSI	22517	>BCL11A-S55 VMQGMVLSI	325	22192
>BCL11A-S55 VMQGMVLSI	13625	>BCL11A-S55 VMQGMVLSI	36	13589
>BCL11A-S55 VMQGMVLSI	364	>BCL11A-S55 VMQGMVLSI	1251	887
>BCL11A-S55 VMQGMVLSI	17524	>BCL11A-S55 VMQGMVLSI	92	17432
>BCL11A-S55 VMQGMVLSI	20957	>BCL11A-S55 VMQGMVLSI	163	20794
>BCL11A-S55 VMQGMVLSI	109	>BCL11A-S55 VMQGMVLSI	91	18
>BCL11A-S55 DVMQGMVL	2925	>BCL11A-S55 DVMQGMVL	54	2871
>BCL11A-S55 DVMQGMVL	66	>BCL11A-S55 DVMQGMVL	946	880
>BCL11A-S55 DVMQGMVL	14380	>BCL11A-S55 DVMQGMVL	368	14012
>BCL11A-S55 DVMQGMVL	13	>BCL11A-S55 DVMQGMVL	11	2
>BCL11A-S55 DVMQGMVL	2529	>BCL11A-S55 DVMQGMVL	7	2522
>BCL11A-S55 DVMQGMVL	4	>BCL11A-S55 DVMQGMVL	3	1
>BCL11A-S55 DVMQGMVL	11660	>BCL11A-S55 DVMQGMVL	118	11542
>BCL11A-S55 DVMQGMVL	33	>BCL11A-S55 DVMQGMVL	39	6
>BCL11A-S55 DVMQGMVL	14816	>BCL11A-S55 DVMQGMVL	199	14617
>BCL11A-S55 DVMQGMVL	387	>BCL11A-S55 DVMQGMVL	145	242
>BCL11A-S55 DVMQGMVL	87	>BCL11A-S55 DVMQGMVL	58	29
>BCL11A-S55 DVMQGMVL	480	>BCL11A-S55 DVMQGMVL	2203	1723
>BCL11A-S55 DVMQGMVL	249	>BCL11A-S55 DVMQGMVL	213	36
>BCL11B-P4C PFLSTPPL	1957	>BCL11B-P4C SFLSTPPL	326	1631
>BCL11B-P4C PFLSTPPLPPM	4177	>BCL11B-P4C SFLSTPPLPPM	470	3707
>BCL11B-P4C PFLSTPPL	1344	>BCL11B-P4C SFLSTPPL	112	1232
>BCL11B-P4C PFLSTPPLP	3557	>BCL11B-P4C SFLSTPPLP	336	3221
>BCL11B-P4C PFLSTPPLPPM	1431	>BCL11B-P4C SFLSTPPLPPM	114	1317
>BCL11B-P4C SPFLSTPPL	11275	>BCL11B-P4C SSFLSTPPL	409	10866
>BCL11B-P4C SPFLSTPPL	1901	>BCL11B-P4C SSFLSTPPL	56	1845
>BCL11B-P4C SPFLSTPPL	41	>BCL11B-P4C SSFLSTPPL	18950	18909
>BCL11B-P4C SPFLSTPPL	14116	>BCL11B-P4C SSFLSTPPL	54	14062
>BCL11B-P4C SPFLSTPPL	12544	>BCL11B-P4C SSFLSTPPL	123	12421
>BCL11B-P4C SPFLSTPPL	301	>BCL11B-P4C SSFLSTPPL	188	113
>BCL11B-P4C SPFLSTPPL	20	>BCL11B-P4C SSFLSTPPL	7586	7566
>BCL11B-P4C SPFLSTPPL	13153	>BCL11B-P4C SSFLSTPPL	459	12694
>BCL11B-P4C SPFLSTPPL	1008	>BCL11B-P4C SSFLSTPPL	53	955
>BCL11B-P4C SPFLSTPPL	8021	>BCL11B-P4C SSFLSTPPL	5	8016
>BCL11B-P4C SPFLSTPPL	47	>BCL11B-P4C SSFLSTPPL	2628	2581
>BCL11B-P4C SPFLSTPPL	34	>BCL11B-P4C SSFLSTPPL	405	371
>BCL11B-P4C SPFLSTPPL	6367	>BCL11B-P4C SSFLSTPPL	158	6209
>BCL11B-P4C SPFLSTPPL	3109	>BCL11B-P4C SSFLSTPPL	77	3032
>BCL11B-P4C KSPFLSTPPL	503	>BCL11B-P4C KSSFLSTPPL	56	447
>BCL11B-P4C KSPFLSTPPL	38	>BCL11B-P4C KSSFLSTPPL	31	7

>BCL11B-P4C KSPFLSTPPL	1982	>BCL11B-P4C KSSFLSTPPL	255	1727
>BCL11B-P4C KSPFLSTPPL	62	>BCL11B-P4C KSSFLSTPPL	5	57
>BCL11B-P4C KSPFLSTPPL	10268	>BCL11B-P4C KSSFLSTPPL	113	10155
>BCL11B-P4C KSPFLSTPPL	6	>BCL11B-P4C KSSFLSTPPL	487	481
>BCL11B-P4C KSPFLSTPPLP	442	>BCL11B-P4C KSSFLSTPPLP	19027	18585
>BCL11B-P4C KSPFLSTPPL	922	>BCL11B-P4C KSSFLSTPPL	152	770
>BCL11B-P4C KSPFLSTPPL	241	>BCL11B-P4C KSSFLSTPPL	190	51
>BCL11B-P4C PKSPFLSTPPL	154	>BCL11B-P4C PKSSFLSTPPL	80	74
>BCL11B-P4C SPKSPFLST	260	>BCL11B-P4C SPKSSFLST	459	199
>BCL11B-P4C PSPKSPFL	21	>BCL11B-P4C PSPKSSFL	17	4
>BCL11B-P4C PSPKSPFLS	881	>BCL11B-P4C PSPKSSFLS	189	692
>BCL11B-P4C QPSPKSPFL	189	>BCL11B-P4C QPSPKSSFL	1970	1781
>BCL11B-P4C QPSPKSPF	88	>BCL11B-P4C QPSPKSSF	87	1
>BCL11B-P4C QPSPKSPFL	1002	>BCL11B-P4C QPSPKSSFL	223	779
>BCL11B-P4C QPSPKSPF	472	>BCL11B-P4C QPSPKSSF	437	35
>BCL11B-P4C QPSPKSPF	36	>BCL11B-P4C QPSPKSSF	78	42
>BCL11B-P4C QPSPKSPF	66	>BCL11B-P4C QPSPKSSF	72	6
>BCL11B-P4C FQPSPKSPFL	125	>BCL11B-P4C FQPSPKSSFL	66	59
>BCL11B-P4C FQPSPKSPFL	847	>BCL11B-P4C FQPSPKSSFL	310	537
>BCL11B-P4C FQPSPKSPF	251	>BCL11B-P4C FQPSPKSSF	430	179
>BCL11B-P4C FQPSPKSPFL	89	>BCL11B-P4C FQPSPKSSFL	163	74
>BCL11B-P4C FQPSPKSPFLS	659	>BCL11B-P4C FQPSPKSSFLS	344	315
>BCL11B-P4C FQPSPKSPFL	236	>BCL11B-P4C FQPSPKSSFL	400	164
>BCL11B-P4C FQPSPKSPFL	466	>BCL11B-P4C FQPSPKSSFL	1935	1469
>BCL11B-P4C FQPSPKSPF	45	>BCL11B-P4C FQPSPKSSF	57	12
>BCL11B-P4C FQPSPKSPF	18	>BCL11B-P4C FQPSPKSSF	28	10
>BCL11B-P4C FQPSPKSPF	3	>BCL11B-P4C FQPSPKSSF	3	0
>BCL11B-P4C FQPSPKSPFL	153	>BCL11B-P4C FQPSPKSSFL	74	79
>BCL11B-P4C FQPSPKSPFL	438	>BCL11B-P4C FQPSPKSSFL	469	31
>BCL11B-P4C PFQPSPKSPF	579	>BCL11B-P4C PFQPSPKSSF	224	355
>BCL11B-P4C NPFQPSPKSP	518	>BCL11B-P4C NPFQPSPKSS	73	445
>BCL11B-P4C NPFQPSPKSP	37	>BCL11B-P4C NPFQPSPKSS	53	16
>BCL11B-P4C NPFQPSPKSP	69	>BCL11B-P4C NPFQPSPKSS	120	51
>BCL11B-P4C NPFQPSPKSP	79	>BCL11B-P4C NPFQPSPKSS	93	14
>BCL11B-P4C NPFQPSPKSP	18	>BCL11B-P4C NPFQPSPKSS	34	16
>BCL11B-P4C NPFQPSPKSP	978	>BCL11B-P4C NPFQPSPKSS	397	581
>BCL11B-P4C NPFQPSPKSP	561	>BCL11B-P4C NPFQPSPKSS	142	419
>BCL11B-P4C NPFQPSPKSP	25	>BCL11B-P4C NPFQPSPKSS	39	14
>BCL11B-P6€ PLGDILVFI	317	>BCL11B-P6€ HLGDILVFI	16	301
>BCL11B-P6€ PLGDILVFI	27	>BCL11B-P6€ HLGDILVFI	4	23
>BCL11B-P6€ PLGDILVFI	686	>BCL11B-P6€ HLGDILVFI	22	664
>BCL11B-P6€ PLGDILVFI	863	>BCL11B-P6€ HLGDILVFI	23	840
>BCL11B-P6€ PLGDILVFI	21	>BCL11B-P6€ HLGDILVFI	7	14

>BCL11B-P6€ PLGDILVFI	106	>BCL11B-P6€ HLGDILVFI	5	101
>BCL11B-P6€ PLGDILVFI	35	>BCL11B-P6€ HLGDILVFI	11	24
>BCL11B-P6€ PLGDILVFI	9	>BCL11B-P6€ HLGDILVFI	4	5
>BCL11B-P6€ PLGDILVFI	26	>BCL11B-P6€ HLGDILVFI	4	22
>BCL11B-P6€ PLGDILVFI	8796	>BCL11B-P6€ HLGDILVFI	111	8685
>BCL11B-P6€ PLGDILVFI	4152	>BCL11B-P6€ HLGDILVFI	244	3908
>BCL11B-P6€ PLGDILVF	2679	>BCL11B-P6€ HLGDILVF	102	2577
>BCL11B-P6€ FPLGDILVFI	792	>BCL11B-P6€ FHLGDILVFI	187	605
>BCL11B-P6€ FPLGDILVFI	67	>BCL11B-P6€ FHLGDILVFI	27330	27263
>BCL11B-P6€ FPLGDILV	474	>BCL11B-P6€ FHLGDILV	449	25
>BCL11B-P6€ FPLGDILVFI	141	>BCL11B-P6€ FHLGDILVFI	171	30
>BCL11B-P6€ FPLGDILV	695	>BCL11B-P6€ FHLGDILV	368	327
>BCL11B-P6€ FPLGDILV	1096	>BCL11B-P6€ FHLGDILV	360	736
>BCL11B-P6€ FPLGDILV	1171	>BCL11B-P6€ FHLGDILV	320	851
>BCL11B-P6€ FPLGDILVF	1092	>BCL11B-P6€ FHLGDILVF	47	1045
>BCL11B-P6€ FPLGDILV	348	>BCL11B-P6€ FHLGDILV	12698	12350
>BCL11B-P6€ FPLGDILVFI	267	>BCL11B-P6€ FHLGDILVFI	12081	11814
>BCL11B-P6€ FPLGDILVF	219	>BCL11B-P6€ FHLGDILVF	24322	24103
>BCL11B-P6€ FPLGDILVF	335	>BCL11B-P6€ FHLGDILVF	35	300
>BCL11B-P6€ FPLGDILVF	9	>BCL11B-P6€ FHLGDILVF	1808	1799
>BCL11B-P6€ FPLGDILVFI	436	>BCL11B-P6€ FHLGDILVFI	34983	34547
>BCL11B-P6€ FPLGDILV	993	>BCL11B-P6€ FHLGDILV	115	878
>BCL11B-P6€ FPLGDILVF	216	>BCL11B-P6€ FHLGDILVF	35	181
>BCL11B-P6€ FPLGDILVFI	994	>BCL11B-P6€ FHLGDILVFI	141	853
>BCL11B-P6€ FPLGDILV	243	>BCL11B-P6€ FHLGDILV	11899	11656
>BCL11B-P6€ FPLGDILV	74	>BCL11B-P6€ FHLGDILV	13198	13124
>BCL11B-P6€ FPLGDILVF	12	>BCL11B-P6€ FHLGDILVF	2016	2004
>BCL11B-P6€ FPLGDILVFI	58	>BCL11B-P6€ FHLGDILVFI	11319	11261
>BCL11B-P6€ FPLGDILV	11	>BCL11B-P6€ FHLGDILV	3857	3846
>BCL11B-P6€ FPLGDILVFI	116	>BCL11B-P6€ FHLGDILVFI	14860	14744
>BCL11B-P6€ FPLGDILVFIE	148	>BCL11B-P6€ FHLGDILVFIE	13344	13196
>BCL11B-P6€ FPLGDILV	112	>BCL11B-P6€ FHLGDILV	19398	19286
>BCL11B-P6€ FPLGDILVF	5	>BCL11B-P6€ FHLGDILVF	1010	1005
>BCL11B-P6€ FPLGDILVFI	41	>BCL11B-P6€ FHLGDILVFI	14472	14431
>BCL11B-P6€ FPLGDILVF	4212	>BCL11B-P6€ FHLGDILVF	170	4042
>BCL11B-P6€ LTCGQCQMM	9887	>BCL11B-P6€ LTCGQCQMM	414	9473
>BCL11B-P6€ NFPLGDILVF	216	>BCL11B-P6€ NFHLGDILVF	1026	810
>BCL11B-P6€ NFPLGDILVF	367	>BCL11B-P6€ NFHLGDILVF	6255	5888
>BCL11B-P6€ NFPLGDIL	389	>BCL11B-P6€ NFHLGDIL	1275	886
>BCL11B-P6€ NFPLGDILVF	14	>BCL11B-P6€ NFHLGDILVF	34	20
>BCL11B-P6€ NFPLGDILVFI	84	>BCL11B-P6€ NFHLGDILVFI	317	233
>BCL11B-P6€ MNFPLGDILV	328	>BCL11B-P6€ MNFHLGDILV	523	195
>BCL11B-P6€ MNFPLGDILV	358	>BCL11B-P6€ MNFHLGDILV	815	457

>BCL11B-P6€ MNFPLGDILV	297	>BCL11B-P6€ MNFHLGDILV	840	543
>BCL11B-P6€ MNFPLGDILV	117	>BCL11B-P6€ MNFHLGDILV	114	3
>BCL11B-P6€ MNFPLGDILV	18	>BCL11B-P6€ MNFHLGDILV	13	5
>BCL11B-P6€ MNFPLGDILV	224	>BCL11B-P6€ MNFHLGDILV	282	58
>BCL11B-P6€ MNFPLGDIL	252	>BCL11B-P6€ MNFHLGDIL	313	61
>BCL11B-P6€ MNFPLGDILV	120	>BCL11B-P6€ MNFHLGDILV	147	27
>BCL11B-P6€ MNFPLGDILV	250	>BCL11B-P6€ MNFHLGDILV	540	290
>BCL11B-P6€ MNFPLGDI	60	>BCL11B-P6€ MNFHLGDI	250	190
>BCL11B-P6€ QMNFPPLGDII	451	>BCL11B-P6€ QMNFPPLGDI	233	218
>BCL11B-P6€ QMNFPPLGDII	131	>BCL11B-P6€ QMNFPPLGDI	43	88
>BCL11B-P6€ QMNFPPLGDI	66	>BCL11B-P6€ QMNFPPLGDI	12	54
>BCL11B-P6€ QMNFPPLGDII	26	>BCL11B-P6€ QMNFPPLGDI	11	15
>BCL11B-P6€ QMNFPPLGDII	340	>BCL11B-P6€ QMNFPPLGDI	200	140
>BCL11B-P6€ QMNFPPLGDII	19	>BCL11B-P6€ QMNFPPLGDI	29	10
>BCL11B-P6€ QMNFPPLGDII	90	>BCL11B-P6€ QMNFPPLGDI	71	19
>BCL11B-P6€ QMNFPPLGDII	96	>BCL11B-P6€ QMNFPPLGDI	129	33
>BCL11B-P6€ QMNFPPLGDII	126	>BCL11B-P6€ QMNFPPLGDI	187	61
>BCL11B-P6€ QMNFPPLGDII	22	>BCL11B-P6€ QMNFPPLGDI	22	0
>BCL11B-P6€ QMNFPPLGDII	396	>BCL11B-P6€ QMNFPPLGDI	1140	744
>BCL11B-P6€ CQMNFPPLGD	180	>BCL11B-P6€ CQMNFPPLGCE	304	124
>BCL11B-P6€ CQMNFPPLGD	74	>BCL11B-P6€ CQMNFPPLGCE	132	58
>BCL11B-P6€ CQMNFPPLGD	404	>BCL11B-P6€ CQMNFPPLGCE	593	189
>BCL11B-P6€ CQMNFPPLGD	260	>BCL11B-P6€ CQMNFPPLGCE	222	38
>BCL11B-P6€ CQMNFPPLGD	300	>BCL11B-P6€ CQMNFPPLGCE	308	8
>BCL11B-P6€ CQMNFPPLGD	57	>BCL11B-P6€ CQMNFPPLGCE	54	3
>BCL11B-P6€ CQMNFPPLGD	138	>BCL11B-P6€ CQMNFPPLGCE	184	46
>BCL11B-P6€ CQMNFPPLGD	492	>BCL11B-P6€ CQMNFPPLGCE	444	48
>BCL11B-P6€ GQCQMNFPPL	47	>BCL11B-P6€ GQCQMNFPPLHI	110	63
>BCL11B-P6€ GQCQMNFPPL	226	>BCL11B-P6€ GQCQMNFPPLHI	392	166
>BCL11B-P6€ GQCQMNFPPL	82	>BCL11B-P6€ GQCQMNFPPLHI	1539	1457
>BCL11B-P6€ GQCQMNFPPL	270	>BCL11B-P6€ GQCQMNFPPLHI	821	551
>BCL11B-P6€ GQCQMNFPPL	424	>BCL11B-P6€ GQCQMNFPPLHI	306	118
>BCL2-A85T- ALSPVPPV	11	>BCL2-A85T- TLSPVPPV	14	3
>BCL2-A85T- ALSPVPPVV	22	>BCL2-A85T- TLSPVPPVV	34	12
>BCL2-A85T- ALSPVPPVVH	47	>BCL2-A85T- TLSPVPPVVH	93	46
>BCL2-A85T- ALSPVPPV	7	>BCL2-A85T- TLSPVPPV	11	4
>BCL2-A85T- ALSPVPPVV	20	>BCL2-A85T- TLSPVPPVV	43	23
>BCL2-A85T- ALSPVPPVVH	10	>BCL2-A85T- TLSPVPPVVH	18	8
>BCL2-A85T- ALSPVPPV	3	>BCL2-A85T- TLSPVPPV	4	1
>BCL2-A85T- ALSPVPPVV	5	>BCL2-A85T- TLSPVPPVV	8	3
>BCL2-A85T- ALSPVPPVVH	19	>BCL2-A85T- TLSPVPPVVH	38	19
>BCL2-A85T- ALSPVPPV	14	>BCL2-A85T- TLSPVPPV	28	14
>BCL2-A85T- ALSPVPPVV	88	>BCL2-A85T- TLSPVPPVV	250	162

>BCL2-A85T- ALSPVPPVVH	110	>BCL2-A85T- TLSPVPPVVH	288	178
>BCL2-A85T- ALSPVPPV	2	>BCL2-A85T- TLSPVPPV	3	1
>BCL2-A85T- ALSPVPPVV	2	>BCL2-A85T- TLSPVPPVV	3	1
>BCL2-A85T- ALSPVPPVVH	6	>BCL2-A85T- TLSPVPPVVH	16	10
>BCL2-A85T- ALSPVPPV	5	>BCL2-A85T- TLSPVPPV	9	4
>BCL2-A85T- ALSPVPPVV	8	>BCL2-A85T- TLSPVPPVV	20	12
>BCL2-A85T- ALSPVPPVVH	25	>BCL2-A85T- TLSPVPPVVH	70	45
>BCL2-A85T- ALSPVPPV	4	>BCL2-A85T- TLSPVPPV	5	1
>BCL2-A85T- ALSPVPPVV	4	>BCL2-A85T- TLSPVPPVV	5	1
>BCL2-A85T- ALSPVPPVVH	8	>BCL2-A85T- TLSPVPPVVH	15	7
>BCL2-A85T- ALSPVPPV	4	>BCL2-A85T- TLSPVPPV	5	1
>BCL2-A85T- ALSPVPPVV	4	>BCL2-A85T- TLSPVPPVV	5	1
>BCL2-A85T- ALSPVPPVVH	42	>BCL2-A85T- TLSPVPPVVH	71	29
>BCL2-A85T- ALSPVPPV	2	>BCL2-A85T- TLSPVPPV	2	0
>BCL2-A85T- ALSPVPPVV	3	>BCL2-A85T- TLSPVPPVV	5	2
>BCL2-A85T- ALSPVPPVVH	3	>BCL2-A85T- TLSPVPPVVH	6	3
>BCL2-A85T- ALSPVPPV	1489	>BCL2-A85T- TLSPVPPV	88	1401
>BCL2-A85T- ALSPVPPVVH	3982	>BCL2-A85T- TLSPVPPVVH	249	3733
>BCL2-A85T- ALSPVPPV	549	>BCL2-A85T- TLSPVPPV	45	504
>BCL2-A85T- PALSPVPPV	133	>BCL2-A85T- PTLSPVPPV	35	98
>BCL2-A85T- PALSPVPPVV	273	>BCL2-A85T- PTLSPVPPVV	66	207
>BCL2-A85T- PALSPVPPV	577	>BCL2-A85T- PTLSPVPPV	112	465
>BCL2-A85T- PALSPVPPVV	1014	>BCL2-A85T- PTLSPVPPVV	206	808
>BCL2-A85T- PALSPVPPV	737	>BCL2-A85T- PTLSPVPPV	419	318
>BCL2-A85T- PALSPVPPV	13	>BCL2-A85T- PTLSPVPPV	6	7
>BCL2-A85T- PALSPVPPVV	299	>BCL2-A85T- PTLSPVPPVV	54	245
>BCL2-A85T- GPALSPVPPV	438	>BCL2-A85T- GPTLSPVPPV	2373	1935
>BCL2-A85T- GPALSPVPPV	463	>BCL2-A85T- GPTLSPVPPV	595	132
>BCL2-A85T- AGPALSPVP	404	>BCL2-A85T- AGPTLSPVP	348	56
>BCL2-A85T- AGPALSPVP	178	>BCL2-A85T- AGPTLSPVP	257	79
>BCL2-A85T- AAGPALSPV	60	>BCL2-A85T- AAGPTLSPV	73	13
>BCL2-A85T- AAGPALSPV	43	>BCL2-A85T- AAGPTLSPV	46	3
>BCL2-A85T- AAGPALSPV	412	>BCL2-A85T- AAGPTLSPV	183	229
>BCL2-A85T- AAGPALSPV	41	>BCL2-A85T- AAGPTLSPV	42	1
>BCL2-A85T- AAAGPALSPV	183	>BCL2-A85T- AAAGPTLSPV	160	23
>BCL2-A85T- AAAGPALSPV	67	>BCL2-A85T- AAAGPTLSPV	46	21
>BCL2-A85T- AAAGPALSPV	132	>BCL2-A85T- AAAGPTLSPV	100	32
>BCL2-A85T- AAAGPALSPV	170	>BCL2-A85T- AAAGPTLSPV	107	63
>BCL2-A85T- AAAGPALSPV	712	>BCL2-A85T- AAAGPTLSPV	493	219
>BCL2-A85T- AAAGPALSPV	28	>BCL2-A85T- AAAGPTLSPV	20	8
>BCL2-A85T- AAAGPALSPV	194	>BCL2-A85T- AAAGPTLSPV	95	99
>BCL2-A85T- AAAGPALSPV	99	>BCL2-A85T- AAAGPTLSPV	90	9
>BCL2-A85T- GAAAGPALSF	128	>BCL2-A85T- GAAAGPTLSF	165	37

>BCL2-A85T- GAAAGPALSF	13	>BCL2-A85T- GAAAGPTLSF	13	0
>BCL2-A85T- GAAAGPALSF	88	>BCL2-A85T- GAAAGPTLSF	96	8
>BCL2-A85T- GAAAGPALSF	367	>BCL2-A85T- GAAAGPTLSF	394	27
>BCL2-A85T- GAAAGPALSF	428	>BCL2-A85T- GAAAGPTLSF	383	45
>BCL2-A85T- GAAAGPALSF	122	>BCL2-A85T- GAAAGPTLSF	139	17
>BCL2-A85T- GAAAGPALSF	163	>BCL2-A85T- GAAAGPTLSF	342	179
>BCL2-A85T- GAAAGPAL	486	>BCL2-A85T- GAAAGPTL	159	327
>BCL2-A85T- APGAAAGPA	6	>BCL2-A85T- APGAAAGPTI	6	0
>BCL2-A85T- APGAAAGPA	36	>BCL2-A85T- APGAAAGPT	76	40
>BCL2-A85T- APGAAAGPA	80	>BCL2-A85T- APGAAAGPTI	119	39
>BCL2-A85T- AAPGAAAGP	612	>BCL2-A85T- AAPGAAAGP	478	134
>BCL2-A85T- AAPGAAAGP	1083	>BCL2-A85T- AAPGAAAGP	356	727
>BCL2-A85T- AAPGAAAGP	8	>BCL2-A85T- AAPGAAAGP	7	1
>BCL3-P420A PPAFLPFAGV	898	>BCL3-P420A APAFLPFAGV	233	665
>BCL3-P420A PPAFLPFAGV	1864	>BCL3-P420A APAFLPFAGV	135	1729
>BCL3-P420A PPAFLPFAGV	325	>BCL3-P420A APAFLPFAGV	26	299
>BCL3-P420A PPAFLPFAGV	3939	>BCL3-P420A APAFLPFAGV	153	3786
>BCL3-P420A PPAFLPFA	643	>BCL3-P420A APAFLPFA	361	282
>BCL3-P420A PPAFLPFAGV	3085	>BCL3-P420A APAFLPFAGV	429	2656
>BCL3-P420A SPPAFLPFAG	6415	>BCL3-P420A SAPAFLPFAG	233	6182
>BCL3-P420A SPPAFLPF	46	>BCL3-P420A SAPAFLPF	17157	17111
>BCL3-P420A SPPAFLPFAG	15202	>BCL3-P420A SAPAFLPFAG	487	14715
>BCL3-P420A SPPAFLPFAG	11281	>BCL3-P420A SAPAFLPFAG	192	11089
>BCL3-P420A SPPAFLPFA	3925	>BCL3-P420A SAPAFLPFA	31	3894
>BCL3-P420A SPPAFLPFAG	1484	>BCL3-P420A SAPAFLPFAG	14	1470
>BCL3-P420A SPPAFLPFAG	3990	>BCL3-P420A SAPAFLPFAG	74	3916
>BCL3-P420A SPPAFLPFAG	7993	>BCL3-P420A SAPAFLPFAG	399	7594
>BCL3-P420A SPPAFLPFAG	8634	>BCL3-P420A SAPAFLPFAG	92	8542
>BCL3-P420A SPPAFLPFAG	481	>BCL3-P420A SAPAFLPFAG	22	459
>BCL3-P420A SPPAFLPFAG	176	>BCL3-P420A SAPAFLPFAG	30	146
>BCL3-P420A SPPAFLPF	201	>BCL3-P420A SAPAFLPF	13049	12848
>BCL3-P420A SPPAFLPF	8648	>BCL3-P420A SAPAFLPF	332	8316
>BCL3-P420A SPPAFLPF	909	>BCL3-P420A SAPAFLPF	172	737
>BCL3-P420A SPPAFLPF	77	>BCL3-P420A SAPAFLPF	419	342
>BCL3-P420A SPPAFLPFA	205	>BCL3-P420A SAPAFLPFA	16169	15964
>BCL3-P420A SPPAFLPF	435	>BCL3-P420A SAPAFLPF	328	107
>BCL3-P420A SPPAFLPFA	239	>BCL3-P420A SAPAFLPFA	16	223
>BCL3-P420A SPPAFLPFAG	4741	>BCL3-P420A SAPAFLPFAG	393	4348
>BCL3-P420A SPPAFLPFAG	30	>BCL3-P420A SAPAFLPFAG	5	25
>BCL3-P420A PPNFFLPSPSF	3681	>BCL3-P420A PPNFFLPSPSF	405	3276
>BCL3-P420A PSPPAFLPF	1338	>BCL3-P420A PSAPAFLPF	177	1161
>BCL3-P420A PSPPAFLPF	275	>BCL3-P420A PSAPAFLPF	63	212
>BCL3-P420A PSPPAFLPF	1264	>BCL3-P420A PSAPAFLPF	40	1224



>BCL3-P420A PSPPAFLP	25	>BCL3-P420A PSAPAFLP	2711	2686
>BCL3-P420A PSPPAFLPF	3	>BCL3-P420A PSAPAFLPF	84	81
>BCL3-P420A PSPPAFLPFA	25	>BCL3-P420A PSAPAFLPFA	1999	1974
>BCL3-P420A SPSPPAFL	123	>BCL3-P420A SPSAPAFL	22	101
>BCL3-P420A SPSPPAFLPF	204	>BCL3-P420A SPSAPAFLPF	75	129
>BCL3-P420A SPSPPAFL	68	>BCL3-P420A SPSAPAFL	87	19
>BCL3-P420A SPSPPAFLPF	118	>BCL3-P420A SPSAPAFLPF	53	65
>BCL3-P420A SPSPPAFLPF	216	>BCL3-P420A SPSAPAFLPF	208	8
>BCL3-P420A SPSPPAFLPF	204	>BCL3-P420A SPSAPAFLPF	289	85
>BCL3-P420A SPSPPAFL	654	>BCL3-P420A SPSAPAFL	220	434
>BCL3-P420A SPSPPAFLPF	404	>BCL3-P420A SPSAPAFLPF	534	130
>BCL3-P420A SPSPPAFLPF/	353	>BCL3-P420A SPSAPAFLPF/	211	142
>BCL3-P420A SPSPPAFLPF	59	>BCL3-P420A SPSAPAFLPF	44	15
>BCL3-P420A SPSPPAFLPF	225	>BCL3-P420A SPSAPAFLPF	255	30
>BCL3-P420A SPSPPAFLPF	277	>BCL3-P420A SPSAPAFLPF	497	220
>BCL3-P420A PSPSPPAF	229	>BCL3-P420A PSPSAPAF	322	93
>BCL3-P420A PSPSPPAFL	22665	>BCL3-P420A PSPSAPAFL	373	22292
>BCL3-P420A PSPSPPAFLPF	329	>BCL3-P420A PSPSAPAFLPF	368	39
>BCL3-P420A PSPSPPAF	104	>BCL3-P420A PSPSAPAF	105	1
>BCL3-P420A PSPSPPAFL	4	>BCL3-P420A PSPSAPAFL	4	0
>BCL3-P420A PSPSPPAFLP	184	>BCL3-P420A PSPSAPAFLP	232	48
>BCL3-P420A PSPSPPAFLPF	6	>BCL3-P420A PSPSAPAFLPF	7	1
>BCL3-P420A LPSPPAF	31	>BCL3-P420A LPSPSAPAF	24	7
>BCL3-P420A LPSPPAFL	42	>BCL3-P420A LPSPSAPAFL	12	30
>BCL3-P420A LPSPPA	286	>BCL3-P420A LPSPSAPA	102	184
>BCL3-P420A LPSPPAF	87	>BCL3-P420A LPSPSAPAF	44	43
>BCL3-P420A LPSPPAF	25	>BCL3-P420A LPSPSAPAF	32	7
>BCL3-P420A LPSPPAF	1378	>BCL3-P420A LPSPSAPAF	332	1046
>BCL3-P420A LPSPPA	105	>BCL3-P420A LPSPSAPA	83	22
>BCL3-P420A LPSPPAF	10	>BCL3-P420A LPSPSAPAF	9	1
>BCL3-P420A LPSPPAF	59	>BCL3-P420A LPSPSAPAF	80	21
>BCL3-P420A LPSPPA	12	>BCL3-P420A LPSPSAPA	14	2
>BCL3-P420A LPSPPAF	741	>BCL3-P420A LPSPSAPAF	30	711
>BCL3-P420A LPSPPAF	408	>BCL3-P420A LPSPSAPAF	47	361
>BCL3-P420A FLPSPPAF	443	>BCL3-P420A FLPSPSAPAF	363	80
>BCL3-P420A FLPSPPA	16	>BCL3-P420A FLPSPSAPA	24	8
>BCL3-P420A FLPSPPAFL	14	>BCL3-P420A FLPSPSAPAFL	14	0
>BCL3-P420A FLPSPPA	62	>BCL3-P420A FLPSPSAPA	18	44
>BCL3-P420A FLPSPPAFL	5	>BCL3-P420A FLPSPSAPAFL	3	2
>BCL3-P420A FLPSPPA	10	>BCL3-P420A FLPSPSAPA	5	5
>BCL3-P420A FLPSPPAFL	8	>BCL3-P420A FLPSPSAPAFL	5	3
>BCL3-P420A FLPSPPA	13	>BCL3-P420A FLPSPSAPA	22	9
>BCL3-P420A FLPSPPAFL	29	>BCL3-P420A FLPSPSAPAFL	24	5

>BCL3-P420A FLPSPSPPA	5	>BCL3-P420A FLPSPSAPA	5	0
>BCL3-P420A FLPSPSPPAF	66	>BCL3-P420A FLPSPSAPAF	125	59
>BCL3-P420A FLPSPSPPAFL	2	>BCL3-P420A FLPSPSAPAFL	2	0
>BCL3-P420A FLPSPSPPA	67	>BCL3-P420A FLPSPSAPA	26	41
>BCL3-P420A FLPSPSPPAFL	8	>BCL3-P420A FLPSPSAPAFL	6	2
>BCL3-P420A FLPSPSPPA	11	>BCL3-P420A FLPSPSAPA	26	15
>BCL3-P420A FLPSPSPPAFL	7	>BCL3-P420A FLPSPSAPAFL	8	1
>BCL3-P420A FLPSPSPPA	216	>BCL3-P420A FLPSPSAPA	197	19
>BCL3-P420A FLPSPSPPAFL	7	>BCL3-P420A FLPSPSAPAFL	7	0
>BCL3-P420A FLPSPSPPA	6	>BCL3-P420A FLPSPSAPA	4	2
>BCL3-P420A FLPSPSPPAF	314	>BCL3-P420A FLPSPSAPAF	306	8
>BCL3-P420A FLPSPSPPAFL	4	>BCL3-P420A FLPSPSAPAFL	3	1
>BCL3-P420A FLPSPSPPAF	571	>BCL3-P420A FLPSPSAPAF	337	234
>BCL3-P420A FLPSPSPPA	1076	>BCL3-P420A FLPSPSAPA	50	1026
>BCL3-P420A FLPSPSPPAFL	206	>BCL3-P420A FLPSPSAPAFL	102	104
>BCL3-P420A FLPSPSPPA	376	>BCL3-P420A FLPSPSAPA	874	498
>BCL3-P420A FLPSPSPPAF	96	>BCL3-P420A FLPSPSAPAF	62	34
>BCL3-P420A FLPSPSPPAF	47	>BCL3-P420A FLPSPSAPAF	32	15
>BCL3-P420A FLPSPSPPAF	13	>BCL3-P420A FLPSPSAPAF	15	2
>BCL3-P420A FLPSPSPPAF	73	>BCL3-P420A FLPSPSAPAF	23	50
>BCL3-P420A FLPSPSPPAFL	6	>BCL3-P420A FLPSPSAPAFL	5	1
>BCL3-P420A FFLPSPSPPA	299	>BCL3-P420A FFLPSPSAPA	572	273
>BCL3-P420A FFLPSPSPPAF	20	>BCL3-P420A FFLPSPSAPAF	32	12
>BCL3-P420A FFLPSPSPPAF	8	>BCL3-P420A FFLPSPSAPAF	6	2
>BCL3-P420A FFLPSPSPPAF	44	>BCL3-P420A FFLPSPSAPAF	48	4
>BCL3-P420A FFLPSPSPPAF	80	>BCL3-P420A FFLPSPSAPAF	70	10
>BCL3-P420A FFLPSPSPPAF	16	>BCL3-P420A FFLPSPSAPAF	18	2
>BCL3-P420A FFLPSPSPPAF	39	>BCL3-P420A FFLPSPSAPAF	32	7
>BCL3-P420A FFLPSPSP	1257	>BCL3-P420A FFLPSPSA	346	911
>BCL3-P420A FFLPSPSPPA	130	>BCL3-P420A FFLPSPSAPA	386	256
>BCL3-P420A FFLPSPSPPAF	378	>BCL3-P420A FFLPSPSAPAF	365	13
>BCL3-R145V RLVNLFQQ	137	>BCL3-R145V WLVNLFQQ	39	98
>BCL3-R145V RLVNLFQQG	50	>BCL3-R145V WLVNLFQQG	3523	3473
>BCL3-R145V RLVNLFQQG	108	>BCL3-R145V WLVNLFQQG	339	231
>BCL3-R145V HRLVNLFQQ	392	>BCL3-R145V HWLVNLFQC	17734	17342
>BCL3-R145V HRLVNLFQQ	171	>BCL3-R145V HWLVNLFQC	12746	12575
>BCL3-R145V HRLVNLFQ	10162	>BCL3-R145V HWLVNLFQ	135	10027
>BCL3-R145V HRLVNLFQ	27135	>BCL3-R145V HWLVNLFQ	117	27018
>BCL3-R145V VVQGNLPAV	167	>BCL3-R145V VVQGNLPAV	21943	21776
>BCL3-R145V VVQGNLPAV	23215	>BCL3-R145V VVQGNLPAV	139	23076
>BCL3-R145V VVQGNLPAV	22045	>BCL3-R145V VVQGNLPAV	65	21980
>BCL3-R145V VHRLVNLF	3080	>BCL3-R145V VHWLVNLF	353	2727
>BCL3-R145V VHRLVNLF	134	>BCL3-R145V VHWLVNLF	94	40

>BCL3-R145VAVHRLVNL	150	>BCL3-R145VAVHWLVNL	438	288
>BCL3-R145VAVHRLVNL	856	>BCL3-R145VAVHWLVNL	462	394
>BCL3-R145VAVHRLVNL	718	>BCL3-R145VAVHWLVNL	353	365
>BCL3-R145VAVHRLVNL	1713	>BCL3-R145VAVHWLVNL	484	1229
>BCL3-R145VAVHRLVNL	2074	>BCL3-R145VAVHWLVNL	156	1918
>BCL3-R145VAVHRLVNL	448	>BCL3-R145VAVHWLVNL	56	392
>BCL3-R145VAVHRLVNLF	90	>BCL3-R145VAVHWLVNLF	178	88
>BCL3-R145VAVHRLVNL	73	>BCL3-R145VAVHWLVNL	557	484
>BCL3-R145VAVHRLVNLF	44	>BCL3-R145VAVHWLVNLF	221	177
>BCL3-R145VAVHRLVNLF	357	>BCL3-R145VAVHWLVNLF	1684	1327
>BCL3-R145VAVHRLVNL	533	>BCL3-R145VAVHWLVNL	163	370
>BCL3-R145VAVHRLVNLF	334	>BCL3-R145VAVHWLVNLF	94	240
>BCL3-R145VAVHRLVNLF	497	>BCL3-R145VAVHWLVNLF	2224	1727
>BCL3-R145VAVHRLVNLF	140	>BCL3-R145VAVHWLVNLF	131	9
>BCL3-R145V LPAVHRLV	47	>BCL3-R145V LPAVHWLV	361	314
>BCL3-R145V LPAVHRLVNL	240	>BCL3-R145V LPAVHWLVN	543	303
>BCL3-R145V LPAVHRLVNL	86	>BCL3-R145V LPAVHWLVN	140	54
>BCL3-R145V LPAVHRLVNL	28	>BCL3-R145V LPAVHWLVN	16	12
>BCL3-R145V LPAVHRLV	321	>BCL3-R145V LPAVHWLV	164	157
>BCL3-R145V LPAVHRLVNL	842	>BCL3-R145V LPAVHWLVN	362	480
>BCL3-R145V LPAVHRLV	2474	>BCL3-R145V LPAVHWLV	368	2106
>BCL3-R145V LPAVHRLVNL	65	>BCL3-R145V LPAVHWLVN	42	23
>BCL3-R145V LPAVHRLV	33	>BCL3-R145V LPAVHWLV	20	13
>BCL3-R145V LPAVHRLVN	1257	>BCL3-R145V LPAVHWLVN	475	782
>BCL3-R145V LPAVHRLVNL	76	>BCL3-R145V LPAVHWLVN	58	18
>BCL3-R145V LPAVHRLVNL	179	>BCL3-R145V LPAVHWLVN	57	122
>BCL3-R145V LPAVHRLVNL	30	>BCL3-R145V LPAVHWLVN	21	9
>BCL3-R145V NLPVHRL	817	>BCL3-R145V NLPVHWL	175	642
>BCL3-R145V NLPVHRLV	3241	>BCL3-R145V NLPVHWLV	26	3215
>BCL3-R145V NLPVHRLVN	1276	>BCL3-R145V NLPVHWLV	133	1143
>BCL3-R145V NLPVHRL	63	>BCL3-R145V NLPVHWL	17	46
>BCL3-R145V NLPVHRLV	216	>BCL3-R145V NLPVHWLV	7	209
>BCL3-R145V NLPVHRLVN	79	>BCL3-R145V NLPVHWLV	21	58
>BCL3-R145V NLPVHRL	181	>BCL3-R145V NLPVHWL	74	107
>BCL3-R145V NLPVHRLV	49	>BCL3-R145V NLPVHWLV	19	30
>BCL3-R145V NLPVHRLVN	172	>BCL3-R145V NLPVHWLV	103	69
>BCL3-R145V NLPVHRL	1759	>BCL3-R145V NLPVHWL	279	1480
>BCL3-R145V NLPVHRLV	2699	>BCL3-R145V NLPVHWLV	12	2687
>BCL3-R145V NLPVHRLVN	1265	>BCL3-R145V NLPVHWLV	166	1099
>BCL3-R145V NLPVHRL	36	>BCL3-R145V NLPVHWL	17	19
>BCL3-R145V NLPVHRLV	17	>BCL3-R145V NLPVHWLV	3	14
>BCL3-R145V NLPVHRLVN	171	>BCL3-R145V NLPVHWLV	21	150
>BCL3-R145V NLPVHRL	715	>BCL3-R145V NLPVHWL	315	400

>BCL3-R145VNLPAVHRLV	1790	>BCL3-R145VNLPAVHWLV	17	1773
>BCL3-R145VNLPAVHRLV	1267	>BCL3-R145VNLPAVHWLV	135	1132
>BCL3-R145VNLPAVHRL	300	>BCL3-R145VNLPAVHWL	52	248
>BCL3-R145VNLPAVHRLV	212	>BCL3-R145VNLPAVHWLV	6	206
>BCL3-R145VNLPAVHRLV	756	>BCL3-R145VNLPAVHWLV	53	703
>BCL3-R145VNLPAVHRL	378	>BCL3-R145VNLPAVHWL	187	191
>BCL3-R145VNLPAVHRLV	2874	>BCL3-R145VNLPAVHWLV	19	2855
>BCL3-R145VNLPAVHRLV	3058	>BCL3-R145VNLPAVHWLV	272	2786
>BCL3-R145VNLPAVHRL	24	>BCL3-R145VNLPAVHWL	9	15
>BCL3-R145VNLPAVHRLV	33	>BCL3-R145VNLPAVHWLV	3	30
>BCL3-R145VNLPAVHRLV	135	>BCL3-R145VNLPAVHWLV	15	120
>BCL3-R145VNLPAVHRL	391	>BCL3-R145VNLPAVHWL	285	106
>BCL3-R145VNLPAVHRLV	162	>BCL3-R145VNLPAVHWLV	16	146
>BCL3-R145VNLPAVHRLV	815	>BCL3-R145VNLPAVHWLV	154	661
>BCL3-R145VNLPAVHRLV	6149	>BCL3-R145VNLPAVHWLV	166	5983
>BCL3-R145VNLPAVHRLV	402	>BCL3-R145VNLPAVHWLV	69	333
>BCL3-R145VNLPAVHRLV	579	>BCL3-R145VNLPAVHWLV	204	375
>BCL3-R145VGNLPAVHRL	5848	>BCL3-R145VGNLPAVHWL	393	5455
>BCL3-R145VGNLPAVHRL	3542	>BCL3-R145VGNLPAVHWL	464	3078
>BCL3-R145VGNLPAVHRL	4718	>BCL3-R145VGNLPAVHWL	299	4419
>BCL3-R145VQGNLPAVHR	272	>BCL3-R145VQGNLPAVHM	33949	33677
>BCL3-R145VQGNLPAVH	1053	>BCL3-R145VQGNLPAVH	402	651
>BCL3-R145VQGNLPAVH	379	>BCL3-R145VQGNLPAVH	297	82
>BCL3-R145VQGNLPAVH	230	>BCL3-R145VQGNLPAVH	32523	32293
>BCL6-G159SGREVVENNL	477	>BCL6-G159SGREVVENNL	90	387
>BCL6-G159SGREVVENNL	221	>BCL6-G159SGREVVENNL	264	43
>BCL6-G159SGREVVENNL	52	>BCL6-G159SGREVVENNL	108	56
>BCL6-G159SGREVVENNL	28	>BCL6-G159SGREVVENNL	60	32
>BCL6-G159SGREVVEN	3042	>BCL6-G159SGREVVEN	270	2772
>BCL6-G159SGREVVENNL	486	>BCL6-G159SGREVVENNL	25	461
>BCL6-G159SGREVVENNL	1828	>BCL6-G159SGREVVENNL	125	1703
>BCL6-G159SGREVVENNL	4000	>BCL6-G159SGREVVENNL	462	3538
>BCL6-G159SGREVVENNL	2764	>BCL6-G159SGREVVENNL	17	2747
>BCL6-G159SGREVVENNL	7248	>BCL6-G159SGREVVENNL	451	6797
>BCL6-G159SYRGREVVEN	686	>BCL6-G159SYRGREVVEN	152	534
>BCL6-G159SYRGREVVEN	757	>BCL6-G159SYRGREVVEN	310	447
>BCL6-G159SYRGREVVEN	2929	>BCL6-G159SYRGREVVEN	213	2716
>BCL6-G159SYRGREVV	117	>BCL6-G159SYRGREVV	76	41
>BCL6-G159SMAYRGREV	289	>BCL6-G159SMAYRSREV	230	59
>BCL6-G159SMAYRGREV	431	>BCL6-G159SMAYRSREV	476	45
>BCL6-G159SMAYRGREV	83	>BCL6-G159SMAYRSREV	111	28
>BCL6-G159SMAYRGREVV	340	>BCL6-G159SMAYRSREVV	494	154
>BCL6-G159SMAYRGREV	60	>BCL6-G159SMAYRSREV	69	9

>BCL6-G159S MAYRGREVV	50	>BCL6-G159S MAYRSREVV	72	22
>BCL6-G159S MAYRGREV	68	>BCL6-G159S MAYRSREV	28	40
>BCL6-G159S MAYRGREVV	17	>BCL6-G159S MAYRSREVV	15	2
>BCL6-G159S MAYRGREV	301	>BCL6-G159S MAYRSREV	203	98
>BCL6-G159S MAYRGREVV	464	>BCL6-G159S MAYRSREVV	665	201
>BCL6-G159S MAYRGREV	418	>BCL6-G159S MAYRSREV	165	253
>BCL6-G159S MAYRGREVV	272	>BCL6-G159S MAYRSREVV	47	225
>BCL6-G159S IMAYRGREV	397	>BCL6-G159S IMAYRSREV	89	308
>BCL6-G159S IMAYRGREV	35	>BCL6-G159S IMAYRSREV	13	22
>BCL6-G159S IMAYRGREVV	141	>BCL6-G159S IMAYRSREVV	93	48
>BCL6-G159S IMAYRGREV	11	>BCL6-G159S IMAYRSREV	6	5
>BCL6-G159S IMAYRGREVV	113	>BCL6-G159S IMAYRSREVV	109	4
>BCL6-G159S IMAYRGREV	595	>BCL6-G159S IMAYRSREV	267	328
>BCL6-G159S IMAYRGREV	16	>BCL6-G159S IMAYRSREV	15	1
>BCL6-G159S IMAYRGREVV	29	>BCL6-G159S IMAYRSREVV	35	6
>BCL6-G159S IMAYRGREV	140	>BCL6-G159S IMAYRSREV	60	80
>BCL6-G159S IMAYRGREVV	156	>BCL6-G159S IMAYRSREVV	113	43
>BCL6-G159S IMAYRGREV	92	>BCL6-G159S IMAYRSREV	54	38
>BCL6-G159S IMAYRGREVV	80	>BCL6-G159S IMAYRSREVV	78	2
>BCL6-G159S IMAYRGREV	451	>BCL6-G159S IMAYRSREV	78	373
>BCL6-G159S IMAYRGREVV	157	>BCL6-G159S IMAYRSREVV	69	88
>BCL6-G159S IMAYRGREV	13	>BCL6-G159S IMAYRSREV	9	4
>BCL6-G159S IMAYRGREVV	12	>BCL6-G159S IMAYRSREVV	11	1
>BCL6-G159S IMAYRGREV	512	>BCL6-G159S IMAYRSREV	381	131
>BCL6-G159S IMAYRGREVV	114	>BCL6-G159S IMAYRSREVV	134	20
>BCL6-G159S IMAYRGREV	101	>BCL6-G159S IMAYRSREV	66	35
>BCL6-G159S IMAYRGREVV	347	>BCL6-G159S IMAYRSREVV	169	178
>BCL6-G159S DIMAYRGREV	706	>BCL6-G159S DIMAYRSREV	403	303
>BCL6-G159S DIMAYRGR	33	>BCL6-G159S DIMAYRSR	19	14
>BCL6-G159S DIMAYRGR	28	>BCL6-G159S DIMAYRSR	24	4
>BCL6-G159S DIMAYRGREVV	262	>BCL6-G159S DIMAYRSREVV	336	74
>BCL6-G159S DIMAYRGREV	23	>BCL6-G159S DIMAYRSREV	20	3
>BCL6-G159S DIMAYRGREVV	134	>BCL6-G159S DIMAYRSREVV	66	68
>BCL6-G159S DIMAYRGREV	101	>BCL6-G159S DIMAYRSREV	104	3
>BCL6-G159S MPQDIMAYR	363	>BCL6-G159S MPQDIMAYR	327	36
>BCL6-G159S MPQDIMAYR	47	>BCL6-G159S MPQDIMAYR	29	18
>BCL6-S359F ASGSPPAK	451	>BCL6-S359F AFGSPPAK	4515	4064
>BCL6-S359F ASGSPPAK	52	>BCL6-S359F AFGSPPAK	1977	1925
>BCL6-S359F ASGSPPAK	213	>BCL6-S359F AFGSPPAK	710	497
>BCL6-S359F ASGSPPAK	281	>BCL6-S359F AFGSPPAK	3328	3047
>BCL6-S359F SSKNACILQA	447	>BCL6-S359F SSKNACILQA	1317	870
>BCL6-S359F SSKNACILQA	11458	>BCL6-S359F SSKNACILQA	61	11397
>BCL6-S359F SSKNACILQA	9714	>BCL6-S359F SSKNACILQA	22	9692

>BCL6-S359F SSKNACILQA	20618	>BCL6-S359F SSKNACILQA	33	20585
>BCL6-S359F SSKNACILQA	5167	>BCL6-S359F SSKNACILQA	30	5137
>BCL6-S359F QASGSPPAK	1455	>BCL6-S359F QAFGSPPAK	268	1187
>BCL6-S359F QASGSPPAK	240	>BCL6-S359F QAFGSPPAK	52	188
>BCL6-S359F QASGSPPAK	190	>BCL6-S359F QAFGSPPAK	32	158
>BCL6-S359F QASGSPPAK	518	>BCL6-S359F QAFGSPPAK	61	457
>BCL6-S359F QASGSPPA	2237	>BCL6-S359F QAFGSPPA	462	1775
>BCL6-S359F QASGSPPA	1872	>BCL6-S359F QAFGSPPA	341	1531
>BCL6-S359F QASGSPPAK	729	>BCL6-S359F QAFGSPPAK	186	543
>BCL6-S359F LQASGSPPA	223	>BCL6-S359F LQAFGSPPA	531	308
>BCL6-S359F LQASGSPPA	318	>BCL6-S359F LQAFGSPPA	571	253
>BCL6-S359F LQASGSPPA	78	>BCL6-S359F LQAFGSPPA	94	16
>BCL6-S359F LQASGSPPA	11	>BCL6-S359F LQAFGSPPA	12	1
>BCL6-S359F LQASGSPPAK	957	>BCL6-S359F LQAFGSPPAK	277	680
>BCL6-S359F LQASGSPPAK	266	>BCL6-S359F LQAFGSPPAK	176	90
>BCL6-S359F LQASGSPP	288	>BCL6-S359F LQAFGSPP	393	105
>BCL6-S359F LQASGSPPA	61	>BCL6-S359F LQAFGSPPA	67	6
>BCL6-S359F LQASGSPP	296	>BCL6-S359F LQAFGSPP	1035	739
>BCL6-S359F LQASGSPPA	122	>BCL6-S359F LQAFGSPPA	727	605
>BCL6-S359F LQASGSPPAK	107	>BCL6-S359F LQAFGSPPAK	336	229
>BCL6-S359F ILQASGSPPA	1628	>BCL6-S359F ILQAFGSPPA	418	1210
>BCL6-S359F ILQASGSPPA	350	>BCL6-S359F ILQAFGSPPA	134	216
>BCL6-S359F ILQASGSPPA	184	>BCL6-S359F ILQAFGSPPA	67	117
>BCL6-S359F ILQASGSPPA	1111	>BCL6-S359F ILQAFGSPPA	397	714
>BCL6-S359F ILQASGSPPA	77	>BCL6-S359F ILQAFGSPPA	32	45
>BCL6-S359F ILQASGSPPA	103	>BCL6-S359F ILQAFGSPPA	94	9
>BCL6-S359F ILQASGSPPA	216	>BCL6-S359F ILQAFGSPPA	215	1
>BCL6-S359F ILQASGSPPA	15	>BCL6-S359F ILQAFGSPPA	14	1
>BCL6-S359F ILQASGSPPAI	61	>BCL6-S359F ILQAFGSPPAI	67	6
>BCL6-S359F ILQASGSPPAI	63	>BCL6-S359F ILQAFGSPPAI	43	20
>BCL6-S359F ILQASGSPPAI	413	>BCL6-S359F ILQAFGSPPAI	470	57
>BCL6-S359F ILQASGSPPA	200	>BCL6-S359F ILQAFGSPPA	327	127
>BCL6-S359F CILQASGSPPA	315	>BCL6-S359F CILQAFGSPPA	105	210
>BCL6-S359F NACILQAS	9613	>BCL6-S359F NACILQAF	144	9469
>BCL6-S359F KNACILQAS	20625	>BCL6-S359F KNACILQAF	323	20302
>BCL6-S359F KNACILQAS	15681	>BCL6-S359F KNACILQAF	33	15648
>BCL6-S359F SKNACILQAS	1829	>BCL6-S359F SKNACILQAF	4	1825
>BCL6-Y293F PYFFPCDKASK	225	>BCL6-Y293F PFFPCDKASK	736	511
>BCL6-Y293F PAAPSARNAF	995	>BCL6-Y293F PAAPSARNAF	225	770
>BCL6-Y293F PAAPSARNAF	96	>BCL6-Y293F PAAPSARNAF	65	31
>BCL6-Y293F PAAPSARNAF	195	>BCL6-Y293F PAAPSARNAF	461	266
>BCL6-Y293F APYFFPCDKA	258	>BCL6-Y293F APFFPCDKA	696	438
>BCL6-Y293F NAPYFFPCDK	317	>BCL6-Y293F NAPFFPCDK	328	11

>BCL6-Y293F NAPYFPCDKA	142	>BCL6-Y293F NAPFFPCDKA	136	6
>BCL6-Y293F SARNAPYF	114	>BCL6-Y293F SARNAPFF	69	45
>BCL6-Y293F SARNAPYFP	70	>BCL6-Y293F SARNAPFFP	40	30
>BCL6-Y293F SARNAPYFPC	147	>BCL6-Y293F SARNAPFFPC	174	27
>BCL6-Y293F SARNAPYF	321	>BCL6-Y293F SARNAPFF	506	185
>BCL6-Y293F SARNAPYF	36	>BCL6-Y293F SARNAPFF	47	11
>BCL6-Y293F SARNAPYF	15	>BCL6-Y293F SARNAPFF	20	5
>BCL6-Y293F PSARNAPY	198	>BCL6-Y293F PSARNAPF	14469	14271
>BCL6-Y293F PSARNAPY	276	>BCL6-Y293F PSARNAPF	1003	727
>BCL6-Y293F PSARNAPYF	430	>BCL6-Y293F PSARNAPFF	214	216
>BCL6-Y293F PSARNAPY	254	>BCL6-Y293F PSARNAPF	14267	14013
>BCL6-Y293F PSARNAPY	1567	>BCL6-Y293F PSARNAPF	359	1208
>BCL6-Y293F PSARNAPY	608	>BCL6-Y293F PSARNAPF	374	234
>BCL6-Y293F PSARNAPYF	439	>BCL6-Y293F PSARNAPFF	818	379
>BCL6-Y293F APSARNAPYF	20	>BCL6-Y293F APSARNAPFF	23	3
>BCL6-Y293F APSARNAPY	81	>BCL6-Y293F APSARNAPF	9	72
>BCL6-Y293F APSARNAPY	454	>BCL6-Y293F APSARNAPF	1364	910
>BCL6-Y293F APSARNAPY	1077	>BCL6-Y293F APSARNAPF	182	895
>BCL6-Y293F APSARNAPYF	499	>BCL6-Y293F APSARNAPFF	623	124
>BCL6-Y293F APSARNAPY	32	>BCL6-Y293F APSARNAPF	81	49
>BCL6-Y293F APSARNAPY	19	>BCL6-Y293F APSARNAPF	37	18
>BCL6-Y293F APSARNAPYF	610	>BCL6-Y293F APSARNAPFF	382	228
>BCL6-Y293F APSARNAPY	1777	>BCL6-Y293F APSARNAPF	449	1328
>BCL6-Y293F AAPSARNAP\	42	>BCL6-Y293F AAPSARNAPf	62	20
>BCL6-Y293F AAPSARNAP\	233	>BCL6-Y293F AAPSARNAPf	6705	6472
>BCL6-Y293F AAPSARNAP\	235	>BCL6-Y293F AAPSARNAPf	275	40
>BCL6-Y293F AAPSARNAP\	442	>BCL6-Y293F AAPSARNAPf	94	348
>BCL6-Y293F AAPSARNAP\	205	>BCL6-Y293F AAPSARNAPf	278	73
>BCL6-Y293F AAPSARNAP\	698	>BCL6-Y293F AAPSARNAPf	14	684
>BCL6-Y293F AAPSARNAP\	7	>BCL6-Y293F AAPSARNAPf	8	1
>BCL9-L587V GLSGVSWPD	116	>BCL9-L587V GVSGVSWPD	1098	982
>BCL9-L587V GLSGVSWP	465	>BCL9-L587V GVSGVSWP	9746	9281
>BCL9-L587V GLSGVSWPD	373	>BCL9-L587V GVSGVSWPD	6553	6180
>BCL9-L587V GLSGVSWPD	13	>BCL9-L587V GVSGVSWPD	344	331
>BCL9-L587V GLSGVSWPD	10	>BCL9-L587V GVSGVSWPD	214	204
>BCL9-L587V GLSGVSWPD	390	>BCL9-L587V GVSGVSWPD	637	247
>BCL9-L587V GLSGVSWPD	4	>BCL9-L587V GVSGVSWPD	99	95
>BCL9-L587V GLSGVSWPD	9	>BCL9-L587V GVSGVSWPD	430	421
>BCL9-L587V GLSGVSWPD	6	>BCL9-L587V GVSGVSWPD	54	48
>BCL9-L587V GLSGVSWPD	16	>BCL9-L587V GVSGVSWPD	885	869
>BCL9-L587V GLSGVSWPD	3	>BCL9-L587V GVSGVSWPD	42	39
>BCL9-L587V NVPNPASRPC	3323	>BCL9-L587V NVPNPASRPC	204	3119
>BCL9-L587V NVPNPASRPC	167	>BCL9-L587V NVPNPASRPC	26	141

>BCL9-L587V NVPNPASRPK	699	>BCL9-L587V NVPNPASRPK	53	646
>BCL9-L587V RPGLSGVSW	38	>BCL9-L587V RPGVSGVSW	44	6
>BCL9-L587V RPGLSGVSW	265	>BCL9-L587V RPGVSGVSW	211	54
>BCL9-L587V RPGLSGVSW	127	>BCL9-L587V RPGVSGVSW	70	57
>BCL9-L587V ASRPGLSGV	157	>BCL9-L587V ASRPGVSGV	142	15
>BCL9-L587V ASRPGLSG	39	>BCL9-L587V ASRPGVSG	59	20
>BCL9-L587V ASRPGLSGV	22	>BCL9-L587V ASRPGVSGV	24	2
>BCL9-L587V ASRPGLSGVS	96	>BCL9-L587V ASRPGVSGVS	99	3
>BCL9-L587V ASRPGLSGVS	587	>BCL9-L587V ASRPGVSGVS	349	238
>BCL9-L587V ASRPGLSGVS	297	>BCL9-L587V ASRPGVSGVS	164	133
>BCL9-L587V ASRPGLSGV	13	>BCL9-L587V ASRPGVSGV	8	5
>BCL9-L587V ASRPGLSGVS	3	>BCL9-L587V ASRPGVSGVS	2	1
>BCL9-L587V ASRPGLSGVS	45	>BCL9-L587V ASRPGVSGVS	41	4
>BCL9-L587V ASRPGLSGVS	153	>BCL9-L587V ASRPGVSGVS	77	76
>BCL9-L587V ASRPGLSGV	54	>BCL9-L587V ASRPGVSGV	97	43
>BCL9-L587V ASRPGLSGVS	139	>BCL9-L587V ASRPGVSGVS	181	42
>BCL9-L587V NPASRPGL	1418	>BCL9-L587V NPASRPGV	235	1183
>BCL9-L587V NPASRPGLSC	351	>BCL9-L587V NPASRPGVSC	452	101
>BCL9-L587V NPASRPGL	28	>BCL9-L587V NPASRPGV	90	62
>BCL9-L587V NPASRPGLSC	87	>BCL9-L587V NPASRPGVSC	77	10
>BCL9-L587V NPASRPGL	297	>BCL9-L587V NPASRPGV	4678	4381
>BCL9-L587V VPNPASRPGL	31	>BCL9-L587V VPNPASRPGL	113	82
>BCL9-L587V VPNPASRPGL	198	>BCL9-L587V VPNPASRPGL	318	120
>BCR-A138T- ASGERDDR	4483	>BCR-A138T- TSGERDDR	322	4161
>BCR-A138T- AASGERDDR	1062	>BCR-A138T- ATSGERDDR	222	840
>BCR-A138T- AAASGERDDI	406	>BCR-A138T- AATSGERDDI	1150	744
>BCR-A138T- GAAASGER	138	>BCR-A138T- GAATSGER	160	22
>BCR-A138T- GAAASGERDI	309	>BCR-A138T- GAATSGERDI	350	41
>BCR-A138T- RPGAAASGEF	667	>BCR-A138T- RPGAATSGEF	391	276
>BCR-A138T- RRPGAAASGI	258	>BCR-A138T- RRPGAATSGE	270	12
>BCR-A138T- TARRPGAAA	56	>BCR-A138T- TARRPGAAT	1731	1675
>BCR-A138T- TARRPGAAA	494	>BCR-A138T- TARRPGAATS	1618	1124
>BCR-A138T- TARRPGAAA	121	>BCR-A138T- TARRPGAAT	732	611
>BCR-A426E- ADGSFGTPPC	10327	>BCR-A426E- EDGSFGTPPC	485	9842
>BCR-A426E- HGDADGSF	521	>BCR-A426E- HGDEDGSF	439	82
>BCR-A426E- FHGDADGSF	407	>BCR-A426E- FHGDEDGSF	200	207
>BCR-A426E- AFHGADADGS	31	>BCR-A426E- AFHGDEDGSI	42	11
>BCR-A426E- GAFHGADADG	88	>BCR-A426E- GAFHGDEDG	142	54
>BCR-A426E- GAFHGADADG	253	>BCR-A426E- GAFHGDEDG	315	62
>BCR-A426E- GAFHGADADG	12	>BCR-A426E- GAFHGDEDG	26	14
>BCR-A426E- GAFHGADADG	144	>BCR-A426E- GAFHGDEDG	271	127
>BCR-A426E- GAFHGADADG	155	>BCR-A426E- GAFHGDEDG	222	67
>BCR-A426E- GEGAFHGDA	442	>BCR-A426E- GEGAFHGDE	7307	6865



>BCR-A426E- GEGAFHGDA	19	>BCR-A426E- GEGAFHGDE	2078	2059
>BCR-D451N HQDGLPYI	207	>BCR-D451N HQNGLPYI	571	364
>BCR-D451N HQDGLPYI	995	>BCR-D451N HQNGLPYI	307	688
>BCR-D451N HQDGLPYI	5389	>BCR-D451N HQNGLPYI	348	5041
>BCR-D451N HQDGLPYI	27	>BCR-D451N HQNGLPYI	56	29
>BCR-D451N HQDGLPYI	140	>BCR-D451N HQNGLPYI	265	125
>BCR-D451N RHQDGLPY	424	>BCR-D451N RHQNGLPY	598	174
>BCR-D451N RHQDGLPY	433	>BCR-D451N RHQNGLPY	370	63
>BCR-D451N RHQDGLPY	453	>BCR-D451N RHQNGLPY	295	158
>BCR-D451N RHQDGLPY	152	>BCR-D451N RHQNGLPY	51	101
>BCR-D451N RHQDGLPYI	998	>BCR-D451N RHQNGLPYI	481	517
>BCR-D451N RRHQDGLPYI	1095	>BCR-D451N RRHQNGLPYI	263	832
>BCR-D451N RRHQDGLPY	152	>BCR-D451N RRHQNGLPY	127	25
>BCR-D451N RRHQDGLPY	608	>BCR-D451N RRHQNGLPY	458	150
>BCR-D451N RRHQDGLPY	8	>BCR-D451N RRHQNGLPY	6	2
>BCR-D451N RRHQDGLPYI	214	>BCR-D451N RRHQNGLPYI	150	64
>BCR-D451N RRHQDGLPY	73	>BCR-D451N RRHQNGLPY	49	24
>BCR-D451N RRHQDGLPYI	19	>BCR-D451N RRHQNGLPYI	17	2
>BCR-D451N RRHQDGLP	294	>BCR-D451N RRHQNGLP	188	106
>BCR-D451N RRHQDGLPY	139	>BCR-D451N RRHQNGLPY	136	3
>BCR-D451N RRHQDGLPYI	24	>BCR-D451N RRHQNGLPYI	21	3
>BCR-D451N RRHQDGLPY	450	>BCR-D451N RRHQNGLPY	291	159
>BCR-D451N RRHQDGLPYI	22	>BCR-D451N RRHQNGLPYI	21	1
>BCR-D451N QRRHQDGLP	899	>BCR-D451N QRRHQNGLP	381	518
>BCR-D451N QRRHQDGL	1357	>BCR-D451N QRRHQNGL	457	900
>BCR-D451N QRRHQDGLP	55	>BCR-D451N QRRHQNGLP	30	25
>BCR-D451N QRRHQDGLP	84	>BCR-D451N QRRHQNGLP	46	38
>BCR-D451N QRRHQDGLP	733	>BCR-D451N QRRHQNGLP	418	315
>BCR-D451N EQRRHQDGL	243	>BCR-D451N EQRRHQNGL	314	71
>BCR-D451N EQRRHQDGL	382	>BCR-D451N EQRRHQNGL	179	203
>BCR-D451N EQRRHQDGL	59	>BCR-D451N EQRRHQNGL	52	7
>BCR-D451N EQRRHQDGL	171	>BCR-D451N EQRRHQNGL	130	41
>BCR-D451N EQRRHQDGL	20	>BCR-D451N EQRRHQNGL	11	9
>BCR-D451N AEEQRRHQD	52	>BCR-D451N AEEQRRHQN	99	47
>BCR-D451N AEEQRRHQD	572	>BCR-D451N AEEQRRHQN	445	127
>BCR-D451N AEEQRRHQD	199	>BCR-D451N AEEQRRHQN	181	18
>BCR-D451N AEEQRRHQD	47	>BCR-D451N AEEQRRHQN	52	5
>BCR-S400P- SEATIVGV	171	>BCR-S400P- PEATIVGV	5048	4877
>BCR-S400P- SEATIVGV	265	>BCR-S400P- PEATIVGV	2434	2169
>BCR-S400P- SEATIVGV	46	>BCR-S400P- PEATIVGV	2492	2446
>BCR-S400P- SEATIVGVRK	165	>BCR-S400P- PEATIVGVRK	7225	7060
>BCR-S400P- SEATIVGV	165	>BCR-S400P- PEATIVGV	2105	1940
>BCR-S400P- SEATIVGVRK	189	>BCR-S400P- PEATIVGVRK	2182	1993

>BCR-S400P- VSEATIVGVR	114	>BCR-S400P- VPEATIVGVR	15304	15190
>BCR-S400P- VVSEATIV	200	>BCR-S400P- VVPEATIV	1701	1501
>BCR-S400P- VVSEATIVGV	283	>BCR-S400P- VVPEATIVGV	979	696
>BCR-S400P- VVSEATIV	32	>BCR-S400P- VVPEATIV	99	67
>BCR-S400P- VVSEATIVGV	83	>BCR-S400P- VVPEATIVGV	238	155
>BCR-S400P- VVSEATIV	56	>BCR-S400P- VVPEATIV	66	10
>BCR-S400P- VVSEATIVGV	118	>BCR-S400P- VVPEATIVGV	110	8
>BCR-S400P- VVSEATIV	253	>BCR-S400P- VVPEATIV	213	40
>BCR-S400P- VVSEATIVGV	11	>BCR-S400P- VVPEATIVGV	10	1
>BCR-S400P- VVSEATIV	452	>BCR-S400P- VVPEATIV	1150	698
>BCR-S400P- VVSEATIVGV	37	>BCR-S400P- VVPEATIVGV	101	64
>BCR-S400P- VVSEATIV	118	>BCR-S400P- VVPEATIV	157	39
>BCR-S400P- VVSEATIVGV	16	>BCR-S400P- VVPEATIVGV	18	2
>BCR-S400P- VVSEATIV	132	>BCR-S400P- VVPEATIV	743	611
>BCR-S400P- VVSEATIVGV	7	>BCR-S400P- VVPEATIVGV	27	20
>BCR-S400P- VVSEATIV	11	>BCR-S400P- VVPEATIV	19	8
>BCR-S400P- VVSEATIVGV	4	>BCR-S400P- VVPEATIVGV	5	1
>BCR-S400P- VVSEATIVGV	80	>BCR-S400P- VVPEATIVGV	466	386
>BCR-S400P- VVSEATIV	332	>BCR-S400P- VVPEATIV	326	6
>BCR-S400P- VVSEATIVGV	98	>BCR-S400P- VVPEATIVGV	101	3
>BCR-S400P- VVSEATIVGV	64	>BCR-S400P- VVPEATIVGV	276	212
>BCR-S400P- VVSEATIV	7402	>BCR-S400P- VVPEATIV	24	7378
>BCR-S400P- VVSEATIVGV	11529	>BCR-S400P- VVPEATIVGV	97	11432
>BCR-S400P- VVVSEATIVG'	433	>BCR-S400P- VVVPEATIVG	431	2
>BCR-S400P- VVVSEATIV	123	>BCR-S400P- VVVPEATIV	136	13
>BCR-S400P- VVVSEATIVG'	62	>BCR-S400P- VVVPEATIVG	66	4
>BCR-S400P- VVVSEATI	394	>BCR-S400P- VVVPEATI	164	230
>BCR-S400P- VVVSEATIV	162	>BCR-S400P- VVVPEATIV	82	80
>BCR-S400P- VVVSEATIVG'	20	>BCR-S400P- VVVPEATIVG	13	7
>BCR-S400P- VVVSEATIVG'	73	>BCR-S400P- VVVPEATIVG	63	10
>BCR-S400P- VVVSEATIVG'	455	>BCR-S400P- VVVPEATIVG	333	122
>BCR-S400P- VVVSEATIVG'	192	>BCR-S400P- VVVPEATIVG	149	43
>BCR-S400P- VVVSEATIVG'	414	>BCR-S400P- VVVPEATIVG	540	126
>BCR-S400P- VVVSEATIV	74	>BCR-S400P- VVVPEATIV	28	46
>BCR-S400P- VVVSEATIVG'	11	>BCR-S400P- VVVPEATIVG	7	4
>BCR-S400P- VVVSEATIVG'	232	>BCR-S400P- VVVPEATIVG	143	89
>BCR-S400P- VVVSEATIVG'	375	>BCR-S400P- VVVPEATIVG	445	70
>BCR-S400P- VVVSEATI	1151	>BCR-S400P- VVVPEATI	221	930
>BCR-S400P- CPVVVSEATI	496	>BCR-S400P- CPVVVPEATI	410	86
>BCR-S400P- CPVVVSEAT	184	>BCR-S400P- CPVVVPEAT	718	534
>BCR-S400P- CPVVVSEATI\	228	>BCR-S400P- CPVVVPEATI\	255	27
>BCR-S400P- CPVVVSEATI\	421	>BCR-S400P- CPVVVPEATI\	469	48
>BCR-S400P- CPVVVSEA	20	>BCR-S400P- CPVVVPEA	16	4

>BCR-S400P- CPVVVSEAT	153	>BCR-S400P- CPVVVPEAT	201	48
>BCR-S400P- CPVVVSEATI	63	>BCR-S400P- CPVVVPEATI	73	10
>BCR-S400P- RHRHCPVVV	408	>BCR-S400P- RHRHCPVVVI	371	37
>BIRC3-G297 FCCDGLRCV	494	>BIRC3-G297 FCCDDGLRCV	345	149
>BIRC3-G297 CFCCDGLR	403	>BIRC3-G297 CFCCDDGLR	238	165
>BIRC3-G297 CFCCDGLR	198	>BIRC3-G297 CFCCDDGLR	94	104
>BIRC3-G297 KCFCCDGLF	260	>BIRC3-G297 KCFCCDDGLF	554	294
>BIRC3-G297 KCFCCDGLF	23	>BIRC3-G297 KCFCCDDGLF	18	5
>BIRC3-S248 SNLSMQTHA	117	>BIRC3-S248 CNLSMQTHA	272	155
>BIRC3-S248 VSNLSMQTH	41	>BIRC3-S248 VCNLSMQTH	11257	11216
>BIRC3-S248 QLQDTSRYTV	5542	>BIRC3-S248 QLQDTSRYTV	378	5164
>BIRC3-S248 TVSNLSMQTI	41	>BIRC3-S248 TVCNLSMQTI	238	197
>BIRC3-S248 YTVSNLSM	279	>BIRC3-S248 YTVCNLSM	218	61
>BIRC3-S248 YTVSNLSM	136	>BIRC3-S248 YTVCNLSM	114	22
>BIRC3-S248 YTVSNLSMQ	147	>BIRC3-S248 YTVCNLSMQ	137	10
>BIRC3-S248 YTVSNLSM	156	>BIRC3-S248 YTVCNLSM	209	53
>BIRC3-S248 YTVSNLSMQ	226	>BIRC3-S248 YTVCNLSMQ	398	172
>BIRC3-S248 YTVSNLSMQ	109	>BIRC3-S248 YTVCNLSMQ	174	65
>BIRC3-S248 YTVSNLSM	24	>BIRC3-S248 YTVCNLSM	66	42
>BIRC3-S248 YTVSNLSM	6	>BIRC3-S248 YTVCNLSM	11	5
>BIRC3-S248 YTVSNLSMQ	12	>BIRC3-S248 YTVCNLSMQ	34	22
>BIRC3-S248 YTVSNLSMQ	8	>BIRC3-S248 YTVCNLSMQ	17	9
>BIRC3-S248 YTVSNLSM	108	>BIRC3-S248 YTVCNLSM	75	33
>BIRC3-S248 YTVSNLSMQ	143	>BIRC3-S248 YTVCNLSMQ	236	93
>BIRC3-S248 YTVSNLSM	1245	>BIRC3-S248 YTVCNLSM	487	758
>BIRC3-S248 YTVSNLSMQ	320	>BIRC3-S248 YTVCNLSMQ	503	183
>BIRC3-S248 YTVSNLSM	97	>BIRC3-S248 YTVCNLSM	98	1
>BIRC3-S248 YTVSNLSMQ	507	>BIRC3-S248 YTVCNLSMQ	351	156
>BIRC3-S248 YTVSNLSM	132	>BIRC3-S248 YTVCNLSM	145	13
>BIRC3-S248 YTVSNLSM	76	>BIRC3-S248 YTVCNLSM	134	58
>BIRC3-S248 YTVSNLSM	4	>BIRC3-S248 YTVCNLSM	5	1
>BIRC3-S248 YTVSNLSMQ	387	>BIRC3-S248 YTVCNLSMQ	460	73
>BIRC3-S248 YTVSNLSMQ	29	>BIRC3-S248 YTVCNLSMQ	32	3
>BIRC3-S248 YTVSNLSM	247	>BIRC3-S248 YTVCNLSM	164	83
>BIRC3-S248 YTVSNLSM	442	>BIRC3-S248 YTVCNLSM	1633	1191
>BIRC3-S248 YTVSNLSM	224	>BIRC3-S248 YTVCNLSM	957	733
>BIRC3-S248 YTVSNLSM	29	>BIRC3-S248 YTVCNLSM	46	17
>BIRC3-S248 YTVSNLSMQ	13	>BIRC3-S248 YTVCNLSMQ	19	6
>BIRC3-S248 YTVSNLSMQ	17	>BIRC3-S248 YTVCNLSMQ	25	8
>BIRC3-S248 RYTVSNLSM	67	>BIRC3-S248 RYTVCNLSM	1115	1048
>BIRC3-S248 RYTVSNLSM	107	>BIRC3-S248 RYTVCNLSM	98	9
>BIRC3-S248 RYTVSNLSM	336	>BIRC3-S248 RYTVCNLSM	327	9
>BIRC3-S248 RYTVSNLSM	100	>BIRC3-S248 RYTVCNLSM	759	659

>BIRC3-S248 RYTVSNLSM	193	>BIRC3-S248 RYTVCNLSM	568	375
>BIRC3-S248 SRYTVSNL	246	>BIRC3-S248 SRYTVCNL	175	71
>BIRC3-S248 SRYTVSNL	60	>BIRC3-S248 SRYTVCNL	150	90
>BIRC3-S248 SRYTVSNLSM	23	>BIRC3-S248 SRYTVCNLSM	46	23
>BIRC3-S248 SRYTVSNL	132	>BIRC3-S248 SRYTVCNL	281	149
>BIRC3-S248 SRYTVSNLSM	61	>BIRC3-S248 SRYTVCNLSM	76	15
>BIRC3-S248 SRYTVSNL	95	>BIRC3-S248 SRYTVCNL	339	244
>BIRC3-S248 SRYTVSNLSM	53	>BIRC3-S248 SRYTVCNLSM	157	104
>BIRC3-S248 SRYTVSNLSM	559	>BIRC3-S248 SRYTVCNLSM	425	134
>BIRC3-S248 SRYTVSNL	191	>BIRC3-S248 SRYTVCNL	223	32
>BIRC3-S248 SRYTVSNLSM	324	>BIRC3-S248 SRYTVCNLSM	285	39
>BIRC3-S248 SRYTVSNL	359	>BIRC3-S248 SRYTVCNL	902	543
>BIRC3-S248 SRYTVSNLS	631	>BIRC3-S248 SRYTVCNLS	415	216
>BIRC3-S248 SRYTVSNLSM	414	>BIRC3-S248 SRYTVCNLSM	467	53
>BIRC3-S248 SRYTVSNLSM	505	>BIRC3-S248 SRYTVCNLSM	452	53
>BIRC3-S248 TSRYTVSNL	49	>BIRC3-S248 TSRYTVCNL	24	25
>BIRC3-S248 TSRYTVSNLS	139	>BIRC3-S248 TSRYTVCNLS	314	175
>BIRC3-S248 TSRYTVSNLSI	19	>BIRC3-S248 TSRYTVCNLSI	26	7
>BIRC3-S248 TSRYTVSNLSI	165	>BIRC3-S248 TSRYTVCNLSI	208	43
>BIRC3-S248 TSRYTVSNL	91	>BIRC3-S248 TSRYTVCNL	273	182
>BIRC3-S248 TSRYTVSNLSI	49	>BIRC3-S248 TSRYTVCNLSI	85	36
>BIRC3-S248 TSRYTVSNL	6	>BIRC3-S248 TSRYTVCNL	7	1
>BIRC3-S248 TSRYTVSNLSI	5	>BIRC3-S248 TSRYTVCNLSI	7	2
>BIRC3-S248 TSRYTVSNL	19	>BIRC3-S248 TSRYTVCNL	1423	1404
>BIRC3-S248 TSRYTVSNLSI	15	>BIRC3-S248 TSRYTVCNLSI	38	23
>BIRC3-S248 DTSRYTVSNL	143	>BIRC3-S248 DTSRYTVCNL	651	508
>BIRC3-S248 DTSRYTVSNL	91	>BIRC3-S248 DTSRYTVCNL	91	0
>BIRC3-S248 DTSRYTVSNL	261	>BIRC3-S248 DTSRYTVCNL	263	2
>BIRC3-T536 TEDVSDLPV	171	>BIRC3-T536 REDVSDLPV	22	149
>BIRC3-T536 TEDVSDLPV	476	>BIRC3-T536 REDVSDLPV	150	326
>BIRC3-T536 TEDVSDLPV	1141	>BIRC3-T536 REDVSDLPV	105	1036
>BIRC3-T536 FVQQDIKIYIP	26180	>BIRC3-T536 FVQQDIKIYIP	376	25804
>BIRC3-T536 FVQQDIKIYIP	27731	>BIRC3-T536 FVQQDIKIYIP	163	27568
>BIRC3-T536 FVQQDIKIYIP	32380	>BIRC3-T536 FVQQDIKIYIP	202	32178
>BIRC3-T536 IPTEDVSDL	477	>BIRC3-T536 IPREDVSDL	32	445
>BIRC3-T536 IPTEDVSDLP	232	>BIRC3-T536 IPREDVSDLP	21	211
>BIRC3-T536 IPTEDVSDL	249	>BIRC3-T536 IPREDVSDL	1344	1095
>BIRC3-T536 IPTEDVSDLP	172	>BIRC3-T536 IPREDVSDLP	783	611
>BIRC3-T536 IPTEDVSDL	270	>BIRC3-T536 IPREDVSDL	2147	1877
>BIRC3-T536 IPTEDVSDLP	369	>BIRC3-T536 IPREDVSDLP	3750	3381
>BIRC3-T536 IPTEDVSDLP	315	>BIRC3-T536 IPREDVSDLP	363	48
>BIRC3-T536 IPTEDVSDL	277	>BIRC3-T536 IPREDVSDL	1732	1455
>BIRC3-T536 YIPTEDVSDL	311	>BIRC3-T536 YIPREDVSDL	819	508

>BIRC3-T536 YIPTEDVSDL	492	>BIRC3-T536 YIPREDVSDL	620	128
>BIRC3-T536 YIPTEDVSDL	57	>BIRC3-T536 YIPREDVSDL	40	17
>BIRC3-T536 KYIPTEDV	58	>BIRC3-T536 KYIPREDV	69	11
>BIRC3-T536 KYIPTEDVSDI	5	>BIRC3-T536 KYIPREDVSDI	7	2
>BIRC3-T536 KYIPTEDVSDI	198	>BIRC3-T536 KYIPREDVSDI	423	225
>BIRC3-T536 KYIPTEDVSDI	400	>BIRC3-T536 KYIPREDVSDI	347	53
>BIRC3-T536 KYIPTEDV	165	>BIRC3-T536 KYIPREDV	394	229
>BIRC3-T536 KYIPTEDVSDI	12	>BIRC3-T536 KYIPREDVSDI	15	3
>BIRC3-T536 KYIPTEDV	188	>BIRC3-T536 KYIPREDV	230	42
>BIRC3-T536 KYIPTEDVS	457	>BIRC3-T536 KYIPREDVS	1488	1031
>BIRC3-T536 KYIPTEDVSDI	186	>BIRC3-T536 KYIPREDVSDI	362	176
>BIRC3-T536 IKYIPTEDV	36	>BIRC3-T536 IKYIPREDV	53	17
>BIRC3-T536 QDIKYIPTED\	233	>BIRC3-T536 QDIKYIPRED\	418	185
>BIRC3-T536 QDIKYIPT	31619	>BIRC3-T536 QDIKYIPR	284	31335
>BIRC3-T536 QDIKYIPTED\	132	>BIRC3-T536 QDIKYIPRED\	417	285
>BIRC3-T536 QQDIKYIPT	21772	>BIRC3-T536 QQDIKYIPR	302	21470
>BIRC3-T536 QQDIKYIPT	32509	>BIRC3-T536 QQDIKYIPR	178	32331
>BIRC3-T536 VQQDIKYIPT	21575	>BIRC3-T536 VQQDIKYIPR	60	21515
>BIRC3-T536 VQQDIKYIPT	23449	>BIRC3-T536 VQQDIKYIPR	213	23236
>BIRC3-T536 VQQDIKYIPT	29553	>BIRC3-T536 VQQDIKYIPR	110	29443
>BLM-I1279\ ISVLQKYSEW	5	>BLM-I1279\ VSVLQKYSEW	6	1
>BLM-I1279\ ISVLQKYSEW	43	>BLM-I1279\ VSVLQKYSEW	65	22
>BLM-I1279\ ISVLQKYSEW	14	>BLM-I1279\ VSVLQKYSEW	17	3
>BLM-I1279\ ISVLQKYSEW	435	>BLM-I1279\ VSVLQKYSEW	865	430
>BLM-I1279\ ISVLQKYSEW	393	>BLM-I1279\ VSVLQKYSEW	1862	1469
>BLM-I1279\ VISVLQKY	300	>BLM-I1279\ VSVLQKY	158	142
>BLM-I1279\ VISVLQKY	87	>BLM-I1279\ VSVLQKY	70	17
>BLM-I1279\ VISVLQKY	653	>BLM-I1279\ VSVLQKY	265	388
>BLM-I1279\ VISVLQKY	1584	>BLM-I1279\ VSVLQKY	448	1136
>BLM-I1279\ VISVLQKYSEV	597	>BLM-I1279\ VSVLQKYSE	153	444
>BLM-I1279\ VISVLQKYSEV	39	>BLM-I1279\ VSVLQKYSE	27	12
>BLM-I1279\ EVISVLQK	92	>BLM-I1279\ EVSVLQK	241	149
>BLM-I1279\ EVISVLQKY	30	>BLM-I1279\ EVSVLQKY	42	12
>BLM-I1279\ EVISVLQKY	6	>BLM-I1279\ EVSVLQKY	7	1
>BLM-I1279\ EVISVLQK	231	>BLM-I1279\ EVSVLQK	530	299
>BLM-I1279\ EVISVLQKY	2	>BLM-I1279\ EVSVLQKY	2	0
>BLM-I1279\ EVISVLQKYS	154	>BLM-I1279\ EVSVLQKYS	356	202
>BLM-I1279\ EVISVLQKYSE	213	>BLM-I1279\ EVSVLQKYS	438	225
>BLM-I1279\ EVISVLQKY	72	>BLM-I1279\ EVSVLQKY	168	96
>BLM-I1279\ EVISVLQKY	242	>BLM-I1279\ EVSVLQKY	535	293
>BLM-I1279\ EVISVLQK	4	>BLM-I1279\ EVSVLQK	5	1
>BLM-I1279\ EVISVLQKY	52	>BLM-I1279\ EVSVLQKY	85	33
>BLM-I1279\ EVISVLQKY	781	>BLM-I1279\ EVSVLQKY	478	303

>BLM-I1279\AEVISVLQKY	501	>BLM-I1279\AEVSVLQKY	281	220
>BLM-I1279\AEVISVLQKY	148	>BLM-I1279\AEVSVLQKY	164	16
>BLM-I1279\AEVISVLQ	318	>BLM-I1279\AEVSVLQ	344	26
>BLM-I1279\AEVISVLQKY	62	>BLM-I1279\AEVSVLQKY	53	9
>BLM-I1279\AEVISVLQKY	354	>BLM-I1279\AEVSVLQKY	376	22
>BLM-I1279\AEVISVLQ	531	>BLM-I1279\AEVSVLQ	492	39
>BLM-I1279\AEVISVLQKY	170	>BLM-I1279\AEVSVLQKY	150	20
>BLM-I1279\AEVISVLQKY	324	>BLM-I1279\AEVSVLQKY	328	4
>BLM-I1279\GAEVISVLQK	368	>BLM-I1279\GAEVSVLQK	336	32
>BLM-I1279\GAEVISVLQK	213	>BLM-I1279\GAEVSVLQK	243	30
>BLM-I1279\YGAEVISV	262	>BLM-I1279\YGAEVSV	366	104
>BLM-I1279\YGAEVISV	84	>BLM-I1279\YGAEVSV	54	30
>BLM-I1279\YGAEVISVL	180	>BLM-I1279\YGAEVSVL	189	9
>BLM-I1279\YGAEVISV	387	>BLM-I1279\YGAEVSV	306	81
>BLM-I1279\YGAEVISV	24	>BLM-I1279\YGAEVSV	29	5
>BLM-I1279\YGAEVISVL	342	>BLM-I1279\YGAEVSVL	665	323
>BLM-I1279\YGAEVISV	25	>BLM-I1279\YGAEVSV	31	6
>BLM-I1279\YGAEVISVL	206	>BLM-I1279\YGAEVSVL	288	82
>BLM-I1279\YGAEVISV	36	>BLM-I1279\YGAEVSV	39	3
>BLM-I1279\YGAEVISV	41	>BLM-I1279\YGAEVSV	44	3
>BLM-I1279\YGAEVISVLQ	171	>BLM-I1279\YGAEVSVLC	180	9
>BLM-I1279\YGAEVISV	111	>BLM-I1279\YGAEVSV	87	24
>BLM-I1279\YGAEVISVL	465	>BLM-I1279\YGAEVSVL	612	147
>BLM-I1279\YGAEVISV	293	>BLM-I1279\YGAEVSV	362	69
>BLM-I1279\YGAEVISVL	186	>BLM-I1279\YGAEVSVL	113	73
>BLM-I1279\YGAEVISVL	143	>BLM-I1279\YGAEVSVL	137	6
>BLM-I1279\YGAEVISVL	569	>BLM-I1279\YGAEVSVL	395	174
>BLM-I1279\KYGAEISVL	67	>BLM-I1279\KYGAEVSVL	39	28
>BLM-I1279\KYGAEISV	119	>BLM-I1279\KYGAEVSV	52	67
>BLM-I1279\KYGAEISVL	7	>BLM-I1279\KYGAEVSVL	6	1
>BLM-I1279\KYGAEISVLC	103	>BLM-I1279\KYGAEVSVL	139	36
>BLM-I1279\EKYGAEISV	262	>BLM-I1279\EKYGAEVSV	139	123
>BLM-I1279\EKYGAEISVI	113	>BLM-I1279\EKYGAEVSV	92	21
>BLM-I1279\EKYGAEISVI	36	>BLM-I1279\EKYGAEVSV	27	9
>BLM-I1279\LEKYGAEVI	41	>BLM-I1279\LEKYGAEVV	251	210
>BLM-I1279\LEKYGAEISV	257	>BLM-I1279\LEKYGAEVVS	255	2
>BLM-I1279\LEKYGAEVI	33	>BLM-I1279\LEKYGAEVV	64	31
>BLM-I1279\LEKYGAEISV	181	>BLM-I1279\LEKYGAEVVS	194	13
>BLM-I1279\LEKYGAEISV	446	>BLM-I1279\LEKYGAEVVS	569	123
>BLM-I1279\LEKYGAEVI	20	>BLM-I1279\LEKYGAEVV	50	30
>BLM-I1279\LEKYGAEISV	24	>BLM-I1279\LEKYGAEVVS	22	2
>BLM-I1279\KLEKYGAEVI	1747	>BLM-I1279\KLEKYGAEVV	468	1279
>BLM-I1279\KLEKYGAEVI	276	>BLM-I1279\KLEKYGAEVV	20	256

>BLM-I1279\KLEKYGAEVI	279	>BLM-I1279\KLEKYGAEVV	27	252
>BLM-I1279\KLEKYGAEVI	2650	>BLM-I1279\KLEKYGAEVV	104	2546
>BLM-I1279\KLEKYGAEVI	340	>BLM-I1279\KLEKYGAEVV	12	328
>BLM-I1279\KLEKYGAEVI	470	>BLM-I1279\KLEKYGAEVV	3330	2860
>BLM-R85S-v RVKDFFKNA	335	>BLM-R85S-r SVKDFFKNA	387	52
>BLM-R85S-v RVKDFFKNAF	102	>BLM-R85S-r SVKDFFKNAP	110	8
>BLM-R85S-v RVKDFFKN	460	>BLM-R85S-r SVKDFFKN	3993	3533
>BLM-R85S-v RVKDFFKNA	7	>BLM-R85S-r SVKDFFKNA	48	41
>BLM-R85S-v RVKDFFKNAF	114	>BLM-R85S-r SVKDFFKNAP	1826	1712
>BLM-R85S-v RVKDFFKNAF	5	>BLM-R85S-r SVKDFFKNAP	13	8
>BLM-R85S-v RVKDFFKNAF	3655	>BLM-R85S-r SVKDFFKNAP	286	3369
>BLM-R85S-v QRVKDFFK	13664	>BLM-R85S-r QSVKDFFK	29	13635
>BLM-R85S-v QRVKDFFK	3232	>BLM-R85S-r QSVKDFFK	32	3200
>BLM-R85S-v QRVKDFFK	162	>BLM-R85S-r QSVKDFFK	18329	18167
>BLM-R85S-v QRVKDFFK	2421	>BLM-R85S-r QSVKDFFK	132	2289
>BLM-R85S-v EPLPNTTNQC	498	>BLM-R85S-r EPLPNTTNQC	34005	33507
>BLM-R85S-v QQRVKDFFK	1369	>BLM-R85S-r QQSVKDFFK	56	1313
>BLM-R85S-v QQRVKDFFK	16	>BLM-R85S-r QQSVKDFFK	3378	3362
>BLM-R85S-v QQRVKDFFK	74	>BLM-R85S-r QQSVKDFFK	246	172
>BLM-R85S-v QQRVKDF	279	>BLM-R85S-r QQSVKDF	557	278
>BLM-R85S-v QQRVKDF	48	>BLM-R85S-r QQSVKDF	133	85
>BLM-R85S-v NQQRVKDF	440	>BLM-R85S-r NQQSVKDF	1189	749
>BLM-R85S-v NQQRVKDF	543	>BLM-R85S-r NQQSVKDFI	152	391
>BLM-R85S-v NQQRVKDF	2036	>BLM-R85S-r NQQSVKDFI	348	1688
>BLM-R85S-v NQQRVKDF	886	>BLM-R85S-r NQQSVKDF	485	401
>BLM-R85S-v NQQRVKDF	129	>BLM-R85S-r NQQSVKDF	55	74
>BLM-R85S-v NQQRVKDF	717	>BLM-R85S-r NQQSVKDF	423	294
>BLM-R85S-v TTNQQRVK	691	>BLM-R85S-r TTNQQSVK	256	435
>BLM-R85S-v TTNQQRVK	68	>BLM-R85S-r TTNQQSVK	30	38
>BLM-R85S-v TTNQQRVKD	203	>BLM-R85S-r TTNQQSVKD	207	4
>BLM-R85S-v TTNQQRVK	305	>BLM-R85S-r TTNQQSVK	330	25
>BLM-R85S-v TTNQQRVK	112	>BLM-R85S-r TTNQQSVK	40	72
>BLM-R85S-v TTNQQRVKD	1026	>BLM-R85S-r TTNQQSVKD	470	556
>BLM-R85S-v TTNQQRVKD	29	>BLM-R85S-r TTNQQSVKD	11	18
>BLM-R85S-v TTNQQRVKD	252	>BLM-R85S-r TTNQQSVKD	97	155
>BLM-R85S-v TTNQQRVKD	185	>BLM-R85S-r TTNQQSVKD	116	69
>BLM-R85S-v NTTNQQRVK	1292	>BLM-R85S-r NTTNQQSVK	477	815
>BLM-R85S-v NTTNQQRVK	262	>BLM-R85S-r NTTNQQSVK	35	227
>BLM-R85S-v NTTNQQRV	50	>BLM-R85S-r NTTNQQSV	36	14
>BLM-R85S-v NTTNQQRV	581	>BLM-R85S-r NTTNQQSV	181	400
>BLM-R85S-v NTTNQQRVK	453	>BLM-R85S-r NTTNQQSVK	183	270
>BLM-R85S-v LPNTTNQQR'	575	>BLM-R85S-r LPNTTNQQS\	315	260
>BLM-R85S-v LPNTTNQQR'	2699	>BLM-R85S-r LPNTTNQQS\	287	2412

>BLM-R85S-v PLPNTTNQQI	39	>BLM-R85S-r PLPNTTNQQI	32	7
>BLM-R85S-v PLPNTTNQQI	1051	>BLM-R85S-r PLPNTTNQQI	446	605
>BLM-R85S-v PLPNTTNQQI	63	>BLM-R85S-r PLPNTTNQQI	43	20
>BLM-R85S-v PLPNTTNQQI	73	>BLM-R85S-r PLPNTTNQQI	42	31
>BLM-R85S-v PLPNTTNQQI	6	>BLM-R85S-r PLPNTTNQQI	5	1
>BLM-T830M TATANPRV	3394	>BLM-T830M MATANPRV	378	3016
>BLM-T830M TATANPRV	497	>BLM-T830M MATANPRV	53	444
>BLM-T830M TATANPRVQI	163	>BLM-T830M MATANPRVC	193	30
>BLM-T830M TATANPRVQI	1919	>BLM-T830M MATANPRVC	117	1802
>BLM-T830M TATANPRVQI	110	>BLM-T830M MATANPRVC	51	59
>BLM-T830M TATANPRV	161	>BLM-T830M MATANPRV	47	114
>BLM-T830M TATANPRV	285	>BLM-T830M MATANPRV	182	103
>BLM-T830M LTATANPRV	556	>BLM-T830M LMATANPRV	13	543
>BLM-T830M LTATANPRV	400	>BLM-T830M LMATANPRV	11	389
>BLM-T830M LTATANPRV	815	>BLM-T830M LMATANPRV	9	806
>BLM-T830M LTATANPRV	358	>BLM-T830M LMATANPRV	25	333
>BLM-T830M LTATANPRV	582	>BLM-T830M LMATANPRV	5	577
>BLM-T830M LTATANPRV	6824	>BLM-T830M LMATANPRV	22	6802
>BLM-T830M LTATANPRV	342	>BLM-T830M LMATANPRV	6	336
>BLM-T830M LTATANPRV	1758	>BLM-T830M LMATANPRV	3	1755
>BLM-T830M LTATANPRV	58	>BLM-T830M LMATANPRV	2	56
>BLM-T830M LTATANPRVC	161	>BLM-T830M LMATANPRV	55	106
>BLM-T830M LTATANPRVC	47	>BLM-T830M LMATANPRV	99	52
>BLM-T830M LTATANPRVC	95	>BLM-T830M LMATANPRV	712	617
>BLM-T830M LTATANPR	132	>BLM-T830M LMATANPR	72	60
>BLM-T830M LTATANPR	7	>BLM-T830M LMATANPR	64	57
>BLM-T830M LTATANPRVC	14	>BLM-T830M LMATANPRV	193	179
>BLM-T830M LTATANPRV	54	>BLM-T830M LMATANPRV	2215	2161
>BLM-T830M LTATANPRV	26	>BLM-T830M LMATANPRV	295	269
>BLM-T830M LTATANPR	8159	>BLM-T830M LMATANPR	424	7735
>BLM-T830M LTATANPRV	215	>BLM-T830M LMATANPRV	13111	12896
>BLM-T830M LTATANPR	645	>BLM-T830M LMATANPR	88	557
>BLM-T830M KFPSVPVMAI	7130	>BLM-T830M KFPSVPVMAI	491	6639
>BLM-T830M KFPSVPVMAI	4498	>BLM-T830M KFPSVPVMAI	388	4110
>BLM-T830M KFPSVPVMAI	3801	>BLM-T830M KFPSVPVMAI	29	3772
>BLM-T830M KFPSVPVMAI	1131	>BLM-T830M KFPSVPVMAI	311	820
>BLM-T830M ALTATANPRV	293	>BLM-T830M ALMATANPR	16	277
>BLM-T830M ALTATANPR	2878	>BLM-T830M ALMATANPR	280	2598
>BLM-T830M ALTATANPRV	127	>BLM-T830M ALMATANPR	19	108
>BLM-T830M ALTATANPRV	160	>BLM-T830M ALMATANPR	23	137
>BLM-T830M ALTATANPRV	553	>BLM-T830M ALMATANPR	79	474
>BLM-T830M ALTATANPRV	6	>BLM-T830M ALMATANPR	3	3
>BLM-T830M ALTATANPRV	23	>BLM-T830M ALMATANPR	5	18



>BLM-T830M ALTATANPRV	7	>BLM-T830M ALMATANPR	7	0
>BLM-T830M ALTATANPRV	18	>BLM-T830M ALMATANPR	2	16
>BLM-T830M ALTATANPRV	2	>BLM-T830M ALMATANPR	2	0
>BLM-T830M ALTATANPR	3001	>BLM-T830M ALMATANPR	302	2699
>BLM-T830M ALTATANPR	1809	>BLM-T830M ALMATANPR	85	1724
>BLM-T830M ALTATANPR	272	>BLM-T830M ALMATANPR	77	195
>BLM-T830M ALTATANPRV	1814	>BLM-T830M ALMATANPR	190	1624
>BLM-T830M ALTATANPR	753	>BLM-T830M ALMATANPR	353	400
>BLM-T830M MALTATANP	143	>BLM-T830M MALMATANP	202	59
>BLM-T830M MALTATANP	52	>BLM-T830M MALMATANP	41	11
>BLM-T830M MALTATANP	120	>BLM-T830M MALMATANP	80	40
>BLM-T830M MALTATANP	319	>BLM-T830M MALMATANP	223	96
>BLM-T830M MALTATANP	101	>BLM-T830M MALMATANP	126	25
>BLM-T830M MALTATANP	39	>BLM-T830M MALMATANP	33	6
>BLM-T830M MALTATANP	902	>BLM-T830M MALMATANP	378	524
>BLM-T830M MALTATANP	417	>BLM-T830M MALMATANP	374	43
>BLM-T830M MALTATANP	283	>BLM-T830M MALMATANP	250	33
>BLM-T830M MALTATANP	42	>BLM-T830M MALMATANP	35	7
>BLM-T830M MALTATANP	662	>BLM-T830M MALMATANP	246	416
>BLM-T830M MALTATANP	22	>BLM-T830M MALMATANP	16	6
>BLM-T830M MALTATANP	82	>BLM-T830M MALMATANP	157	75
>BLM-T830M MALTATANP	9	>BLM-T830M MALMATANP	11	2
>BLM-T830M MALTATANP	1068	>BLM-T830M MALMATANP	427	641
>BLM-T830M MALTATANP	82	>BLM-T830M MALMATANP	121	39
>BLM-T830M VMALTATA	520	>BLM-T830M VMALMATA	358	162
>BLM-T830M VMALTATA	156	>BLM-T830M VMALMATA	108	48
>BLM-T830M VMALTATA	17	>BLM-T830M VMALMATA	13	4
>BLM-T830M VMALTATA	54	>BLM-T830M VMALMATA	120	66
>BLM-T830M VMALTATA	115	>BLM-T830M VMALMATA	232	117
>BLM-T830M VMALTATA	62	>BLM-T830M VMALMATA	111	49
>BLM-T830M VMALTATA	57	>BLM-T830M VMALMATA	193	136
>BLM-T830M VMALTATA	18	>BLM-T830M VMALMATA	19	1
>BLM-T830M VMALTATAN	104	>BLM-T830M VMALMATAN	79	25
>BLM-T830M VMALTATAN	184	>BLM-T830M VMALMATAN	157	27
>BLM-T830M VMALTATAN	146	>BLM-T830M VMALMATAN	151	5
>BLM-T830M VPVMALTAT	136	>BLM-T830M VPVMALMAT	242	106
>BLM-T830M VPVMALTA	354	>BLM-T830M VPVMALMA	1838	1484
>BLM-T830M VPVMALTAT	97	>BLM-T830M VPVMALMAT	199	102
>BLM-T830M VPVMALTAT,	507	>BLM-T830M VPVMALMAT	492	15
>BLM-T830M VPVMALTA	62	>BLM-T830M VPVMALMA	94	32
>BLM-T830M VPVMALTAT	206	>BLM-T830M VPVMALMAT	179	27
>BLM-T830M VPVMALTAT,	17	>BLM-T830M VPVMALMAT	15	2
>BLM-T830M SVPVMALTA	980	>BLM-T830M SVPVMALMA	376	604

>BLM-T830M SVPVMALTA	467	>BLM-T830M SVPVMALMA	434	33
>BLM-T830M SVPVMALT	10320	>BLM-T830M SVPVMALM	20	10300
>BLM-T830M PSVPVMALT	12647	>BLM-T830M PSVPVMALM	69	12578
>BLM-T830M PSVPVMALT	12380	>BLM-T830M PSVPVMALM	206	12174
>BLM-T830M PSVPVMALT	6090	>BLM-T830M PSVPVMALM	84	6006
>BLM-T830M PSVPVMALT	12432	>BLM-T830M PSVPVMALM	351	12081
>BLM-T830M FPSVPVMALT	3851	>BLM-T830M FPSVPVMALM	125	3726
>BLM-T830M FPSVPVMALT	1266	>BLM-T830M FPSVPVMALM	32	1234
>BLM-T830M FPSVPVMALT	119	>BLM-T830M FPSVPVMALM	545	426
>BLM-T830M FPSVPVMALT	9064	>BLM-T830M FPSVPVMALM	223	8841
>BLM-T830M FPSVPVMALT	1799	>BLM-T830M FPSVPVMALM	154	1645
>BLM-T830M FPSVPVMALT	473	>BLM-T830M FPSVPVMALM	721	248
>BLM-T830M FPSVPVMALT	47	>BLM-T830M FPSVPVMALM	121	74
>BLM-T830M FPSVPVMALT	7	>BLM-T830M FPSVPVMALM	8	1
>BLM-T830M FPSVPVMALT	3918	>BLM-T830M FPSVPVMALM	182	3736
>BMPR1A-F5 FLKCYCSG	369	>BMPR1A-F5 YLKCYCSG	1153	784
>BMPR1A-F5 FLKCYCSG	243	>BMPR1A-F5 YLKCYCSG	397	154
>BMPR1A-F5 FLKCYCSGHC	480	>BMPR1A-F5 YLKCYCSGHC	431	49
>BMPR1A-F5 FLKCYCSG	135	>BMPR1A-F5 YLKCYCSG	143	8
>BMPR1A-F5 FLKCYCSG	631	>BMPR1A-F5 YLKCYCSG	381	250
>BMPR1A-F5 FLKCYCSGH	1330	>BMPR1A-F5 YLKCYCSGH	411	919
>BMPR1A-F5 VTLAPEDTLP	10165	>BMPR1A-F5 VTLAPEDTLP	118	10047
>BMPR1A-F5 VTLAPEDTLP	253	>BMPR1A-F5 VTLAPEDTLP	82	171
>BMPR1A-F5 VTLAPEDTLP	632	>BMPR1A-F5 VTLAPEDTLP	54	578
>BMPR1A-F5 VTLAPEDTLP	1197	>BMPR1A-F5 VTLAPEDTLP	46	1151
>BMPR1A-F5 VTLAPEDTLP	12041	>BMPR1A-F5 VTLAPEDTLP	318	11723
>BMPR1A-F5 VTLAPEDTLP	49	>BMPR1A-F5 VTLAPEDTLP	723	674
>BMPR1A-F5 VTLAPEDTLP	2938	>BMPR1A-F5 VTLAPEDTLP	39	2899
>BMPR1A-F5 VTLAPEDTLP	486	>BMPR1A-F5 VTLAPEDTLP	388	98
>BMPR1A-F5 VTLAPEDTLP	61	>BMPR1A-F5 VTLAPEDTLP	315	254
>BMPR1A-F5 VTLAPEDTLP	4	>BMPR1A-F5 VTLAPEDTLP	5	1
>BMPR1A-F5 VTLAPEDTLP	373	>BMPR1A-F5 VTLAPEDTLP	190	183
>BMPR1A-F5 VTLAPEDTLP	96	>BMPR1A-F5 VTLAPEDTLP	421	325
>BMPR1A-F5 VTLAPEDTLP	247	>BMPR1A-F5 VTLAPEDTLP	175	72
>BMPR1A-F5 LPFLKCYCSG	345	>BMPR1A-F5 LPYLKCYCSG	231	114
>BMPR1A-F5 LPFLKCYC	475	>BMPR1A-F5 LPYLKCYC	293	182
>BMPR1A-F5 LPFLKCYCS	177	>BMPR1A-F5 LPYLKCYCS	98	79
>BMPR1A-F5 TLPFLKCYC	417	>BMPR1A-F5 TLPYLKCYC	1301	884
>BMPR1A-F5 TLPFLKCYC	405	>BMPR1A-F5 TLPYLKCYC	1023	618
>BMPR1A-F5 DTLPFLKCY	167	>BMPR1A-F5 DTLPYLKCY	181	14
>BMPR1A-F5 DTLPFLKCY	7	>BMPR1A-F5 DTLPYLKCY	6	1
>BMPR1A-F5 DTLPFLKCY	144	>BMPR1A-F5 DTLPYLKCY	163	19
>BMPR1A-F5 DTLPFLKCY	419	>BMPR1A-F5 DTLPYLKCY	355	64

>BMPR1A-F5 DTLPFLKCY	205	>BMPR1A-F5 DTLPYLKCY	100	105
>BMPR1A-F5 APEDTLPFL	70	>BMPR1A-F5 APEDTLPYL	50	20
>BMPR1A-F5 APEDTLPF	72	>BMPR1A-F5 APEDTLPY	1352	1280
>BMPR1A-F5 APEDTLPF	37	>BMPR1A-F5 APEDTLPY	19	18
>BMPR1A-F5 APEDTLPF	487	>BMPR1A-F5 APEDTLPY	329	158
>BMPR1A-F5 APEDTLPF	232	>BMPR1A-F5 APEDTLPY	59	173
>BMPR1A-F5 APEDTLPF	58	>BMPR1A-F5 APEDTLPY	207	149
>BMPR1A-F5 LAPEDTLPFL	439	>BMPR1A-F5 LAPEDTLPYL	186	253
>BMPR1A-F5 LAPEDTLPFL	279	>BMPR1A-F5 LAPEDTLPYL	135	144
>BMPR1A-F5 LAPEDTLPFL	71	>BMPR1A-F5 LAPEDTLPYL	52	19
>BMPR1A-F5 LAPEDTLPFL	622	>BMPR1A-F5 LAPEDTLPYL	215	407
>BMPR1A-F5 LAPEDTLPFL	448	>BMPR1A-F5 LAPEDTLPYL	264	184
>BMPR1A-F5 LAPEDTLPFL	279	>BMPR1A-F5 LAPEDTLPYL	437	158
>BMPR1A-F5 LAPEDTLPF	8525	>BMPR1A-F5 LAPEDTLPY	185	8340
>BMPR1A-F5 LAPEDTLPFL	481	>BMPR1A-F5 LAPEDTLPYL	641	160
>BMPR1A-F5 LAPEDTLPF	173	>BMPR1A-F5 LAPEDTLPY	138	35
>BMPR1A-F5 LAPEDTLPF	283	>BMPR1A-F5 LAPEDTLPY	1031	748
>BMPR1A-F5 LAPEDTLPF	17	>BMPR1A-F5 LAPEDTLPY	12	5
>BMPR1A-F5 LAPEDTLPF	35	>BMPR1A-F5 LAPEDTLPY	2761	2726
>BMPR1A-F5 LAPEDTLPFL	6	>BMPR1A-F5 LAPEDTLPYL	5	1
>BMPR1A-F5 TLAPEDTLPFL	34	>BMPR1A-F5 TLAPEDTLPYL	27	7
>BMPR1A-F5 TLAPEDTLPFL	4	>BMPR1A-F5 TLAPEDTLPYL	4	0
>BMPR1A-F5 TLAPEDTLPFL	24	>BMPR1A-F5 TLAPEDTLPYL	22	2
>BMPR1A-F5 TLAPEDTLPFL	31	>BMPR1A-F5 TLAPEDTLPYL	32	1
>BMPR1A-F5 TLAPEDTLPFL	59	>BMPR1A-F5 TLAPEDTLPYL	30	29
>BMPR1A-F5 TLAPEDTLPFL	65	>BMPR1A-F5 TLAPEDTLPYL	41	24
>BMPR1A-F5 TLAPEDTLPFL	12	>BMPR1A-F5 TLAPEDTLPYL	13	1
>BMPR1A-F5 TLAPEDTLPFL	34	>BMPR1A-F5 TLAPEDTLPYL	23	11
>BMPR1A-F5 TLAPEDTLPFL	6	>BMPR1A-F5 TLAPEDTLPYL	5	1
>BMPR1A-F5 TLAPEDTLPF	1847	>BMPR1A-F5 TLAPEDTLPY	198	1649
>BMPR1A-F5 TLAPEDTLPFL	689	>BMPR1A-F5 TLAPEDTLPYL	479	210
>BMPR1A-F5 TLAPEDTLPF	5207	>BMPR1A-F5 TLAPEDTLPY	44	5163
>BMPR1A-F5 TLAPEDTLPF	74	>BMPR1A-F5 TLAPEDTLPY	66	8
>BMPR1A-F5 TLAPEDTLPF	192	>BMPR1A-F5 TLAPEDTLPY	92	100
>BMPR1A-F5 TLAPEDTLPF	179	>BMPR1A-F5 TLAPEDTLPY	810	631
>BMPR1A-R4RWNSDECLR	53	>BMPR1A-R4QWNSDECLR	1155	1102
>BMPR1A-R4RWNSDECLR	18	>BMPR1A-R4QWNSDECLR	33	15
>BMPR1A-R4RWNSDECL	383	>BMPR1A-R4QWNSDECL	612	229
>BMPR1A-R4RWNSDECLR	186	>BMPR1A-R4QWNSDECLR	319	133
>BMPR1A-R4NRWNSDECL	713	>BMPR1A-R4NQWNSDECL	154	559
>BMPR1A-R4NRWNSDECL	395	>BMPR1A-R4NQWNSDECL	8183	7788
>BMPR1A-R4NRWNSDEC	148	>BMPR1A-R4NQWNSDEC	1820	1672
>BMPR1A-R4NRWNSDECL	90	>BMPR1A-R4NQWNSDECL	1002	912

>BMPR1A-R4NRWNSDECL	309	>BMPR1A-R4NQWNSDECL	118	191
>BMPR1A-R4RPIVSNRW	468	>BMPR1A-R4RPIVSNQW	271	197
>BMPR1A-R4RPIVSNRW	515	>BMPR1A-R4RPIVSNQW	373	142
>BMPR1A-R4RPIVSNRW	173	>BMPR1A-R4RPIVSNQW	159	14
>BMPR1A-R4RPIVSNRW	491	>BMPR1A-R4RPIVSNQW	134	357
>BMPR1A-R4RPIVSNRW	25	>BMPR1A-R4RPIVSNQW	17	8
>BMPR1A-R4RPIVSNRW	466	>BMPR1A-R4RPIVSNQW	636	170
>BMPR1A-R4LRPIVSNRW	166	>BMPR1A-R4LRPIVSNQW	423	257
>BMPR1A-R4RLRPIVSNR	8135	>BMPR1A-R4RLRPIVSNQ	326	7809
>BMPR1A-R4RLRPIVSNR	62	>BMPR1A-R4RLRPIVSNQ	7300	7238
>BMPR1A-R4RLRPIVSNR	21	>BMPR1A-R4RLRPIVSNQ	55	34
>BMPR1A-R4RLRPIVSNRW	333	>BMPR1A-R4RLRPIVSNQW	279	54
>BMPR1A-R4RLRPIVSNR	10	>BMPR1A-R4RLRPIVSNQ	2176	2166
>BMPR1A-R4RLRPIVSNRW	606	>BMPR1A-R4RLRPIVSNQW	317	289
>BMPR1A-R4RLRPIVSNRW	10	>BMPR1A-R4RLRPIVSNQW	9	1
>BMPR1A-R4RLRPIVSNRW	61	>BMPR1A-R4RLRPIVSNQW	62	1
>BMPR1A-R4RLRPIVSNRW	136	>BMPR1A-R4RLRPIVSNQW	62	74
>BMPR1A-R4RLRPIVSNR	150	>BMPR1A-R4RLRPIVSNQ	15151	15001
>BMPR1A-R4KRLRPIVSNR	58	>BMPR1A-R4KRLRPIVSNQ	14763	14705
>BMPR1A-R4KRLRPIVSNR	252	>BMPR1A-R4KRLRPIVSNQ	1079	827
>BMPR1A-R4KRLRPIVSNR\	604	>BMPR1A-R4KRLRPIVSNQ'	376	228
>BMPR1A-R4KRLRPIVSNR	31	>BMPR1A-R4KRLRPIVSNQ	174	143
>BMPR1A-R4KRLRPIVSNR	152	>BMPR1A-R4KRLRPIVSNQ	205	53
>BMPR1A-R4KRLRPIVSNR\	265	>BMPR1A-R4KRLRPIVSNQ'	312	47
>BMPR1A-R4KRLRPIVSNR	159	>BMPR1A-R4KRLRPIVSNQ	599	440
>BMPR1A-R4KRLRPIVSNR	117	>BMPR1A-R4KRLRPIVSNQ	9800	9683
>BMPR1A-T5TLAKMVESQI	336	>BMPR1A-T5MLAKMVESC	49	287
>BMPR1A-T5TLAKMVES	567	>BMPR1A-T5MLAKMVES	36	531
>BMPR1A-T5TLAKMVESQ	476	>BMPR1A-T5MLAKMVESC	34	442
>BMPR1A-T5TLAKMVESQI	25	>BMPR1A-T5MLAKMVESC	5	20
>BMPR1A-T5TLAKMVES	1801	>BMPR1A-T5MLAKMVES	215	1586
>BMPR1A-T5TLAKMVESQI	14	>BMPR1A-T5MLAKMVESC	5	9
>BMPR1A-T5TLAKMVESQI	771	>BMPR1A-T5MLAKMVESC	98	673
>BMPR1A-T5TLAKMVESQI	74	>BMPR1A-T5MLAKMVESC	11	63
>BMPR1A-T5TLAKMVESQI	126	>BMPR1A-T5MLAKMVESC	25	101
>BMPR1A-T5TLAKMVESQI	14	>BMPR1A-T5MLAKMVESC	8	6
>BMPR1A-T5TLAKMVESQI	29	>BMPR1A-T5MLAKMVESC	6	23
>BMPR1A-T5TLAKMVES	3598	>BMPR1A-T5MLAKMVES	216	3382
>BMPR1A-T5TLAKMVESQ	423	>BMPR1A-T5MLAKMVESC	27	396
>BMPR1A-T5TLAKMVESQI	4	>BMPR1A-T5MLAKMVESC	2	2
>BMPR1A-T5TLAKMVESQI	679	>BMPR1A-T5MLAKMVESC	295	384
>BMPR1A-T5KTLAKMVES	13941	>BMPR1A-T5KMLAKMVES	426	13515
>BMPR1A-T5KTLAKMVES	5280	>BMPR1A-T5KMLAKMVES	477	4803

>BMPR1A-T5 KTLAKMVES	13978	>BMPR1A-T5 KMLAKMVES	239	13739
>BMPR1A-T5 KTLAKMVESC	13630	>BMPR1A-T5 KMLAKMVES	314	13316
>BMPR1A-T5 KTLAKMVESC	277	>BMPR1A-T5 KMLAKMVES	444	167
>BMPR1A-T5 KTLAKMVES	207	>BMPR1A-T5 KMLAKMVES	13088	12881
>BMPR1A-T5 KTLAKMVESC	427	>BMPR1A-T5 KMLAKMVES	14403	13976
>BMPR1A-T5 SRLTALRIKKT	864	>BMPR1A-T5 SRLTALRIKKN	38	826
>BMPR1A-T5 SRLTALRIKKT	7104	>BMPR1A-T5 SRLTALRIKKN	307	6797
>BMPR1A-T5 KKTLAKMV	1035	>BMPR1A-T5 KKMLAKMV	103	932
>BMPR1A-T5 IKKTLAKMV	557	>BMPR1A-T5 IKKMLAKMV	339	218
>BMPR1A-T5 IKKTLAKM	42	>BMPR1A-T5 IKKMLAKM	58	16
>BMPR1A-T5 IKKTLAKMV	109	>BMPR1A-T5 IKKMLAKMV	116	7
>BMPR1A-T5 RIKKTLAKMV	567	>BMPR1A-T5 RIKKMLAKM\	414	153
>BMPR1A-T5 RIKKTLAK	57	>BMPR1A-T5 RIKKMLAK	52	5
>BMPR1A-T5 RIKKTLAK	112	>BMPR1A-T5 RIKKMLAK	77	35
>BMPR1A-T5 RIKKTLAK	3	>BMPR1A-T5 RIKKMLAK	4	1
>BMPR1A-T5 RIKKTLAKM	17	>BMPR1A-T5 RIKKMLAKM	34	17
>BMPR1A-T5 RIKKTLAKMV	34	>BMPR1A-T5 RIKKMLAKM\	56	22
>BMPR1A-T5 RIKKTLAKMV	316	>BMPR1A-T5 RIKKMLAKM\	609	293
>BMPR1A-T5 RIKKTLAK	63	>BMPR1A-T5 RIKKMLAK	44	19
>BMPR1A-T5 RIKKTLAKM	202	>BMPR1A-T5 RIKKMLAKM	350	148
>BMPR1A-T5 RIKKTLAKM	159	>BMPR1A-T5 RIKKMLAKM	158	1
>BMPR1A-T5 LRIKKTAKM	382	>BMPR1A-T5 LRIKKMLAKN	637	255
>BMPR1A-T5 LRIKKTAK	128	>BMPR1A-T5 LRIKKMLAK	112	16
>BMPR1A-T5 LRIKKTAKM	114	>BMPR1A-T5 LRIKKMLAKN	187	73
>BMPR1A-T5 LRIKKTAKM\	311	>BMPR1A-T5 LRIKKMLAKN	279	32
>BMPR1A-T5 LRIKKTAKM	305	>BMPR1A-T5 LRIKKMLAKN	310	5
>BMPR1A-T5 ALRIKKTLA	381	>BMPR1A-T5 ALRIKKMLA	608	227
>BMPR1A-T5 ALRIKKTTL	23	>BMPR1A-T5 ALRIKKML	43	20
>BMPR1A-T5 ALRIKKTLA	84	>BMPR1A-T5 ALRIKKMLA	68	16
>BMPR1A-T5 ALRIKKTAKM	284	>BMPR1A-T5 ALRIKKMLAK	229	55
>BMPR1A-T5 ALRIKKTAK	26	>BMPR1A-T5 ALRIKKMLAK	22	4
>BMPR1A-T5 ALRIKKTAK	197	>BMPR1A-T5 ALRIKKMLAK	139	58
>BMPR1A-T5 ALRIKKTLA	392	>BMPR1A-T5 ALRIKKMLA	25	367
>BMPR1A-T5 ALRIKKTAK	7	>BMPR1A-T5 ALRIKKMLAK	5	2
>BMPR1A-T5 ALRIKKTAKM	307	>BMPR1A-T5 ALRIKKMLAK	176	131
>BMPR1A-T5 ALRIKKTTL	48	>BMPR1A-T5 ALRIKKML	119	71
>BMPR1A-T5 ALRIKKTLA	815	>BMPR1A-T5 ALRIKKMLA	440	375
>BMPR1A-T5 ALRIKKTAKM	346	>BMPR1A-T5 ALRIKKMLAK	227	119
>BMPR1A-T5 TALRIKKTAK	85	>BMPR1A-T5 TALRIKKMLA	68	17
>BMPR1A-T5 TALRIKKTAK	227	>BMPR1A-T5 TALRIKKMLA	330	103
>BMPR1A-T5 LTALRIKKT	3603	>BMPR1A-T5 LTALRIKKM	13	3590
>BMPR1A-T5 LTALRIKKTTL	24	>BMPR1A-T5 LTALRIKKML	52	28
>BMPR1A-T5 LTALRIKKTTL	529	>BMPR1A-T5 LTALRIKKML	307	222

>BMPR1A-T5 LTALRIKKT	12183	>BMPR1A-T5 LTALRIKKM	147	12036
>BMPR1A-T5 LTALRIKKT	45	>BMPR1A-T5 LTALRIKKML	35	10
>BMPR1A-T5 RTALRIKKT	468	>BMPR1A-T5 RTALRIKKM	359	109
>BMPR1A-T5 RTALRIKKT	321	>BMPR1A-T5 RTALRIKKM	419	98
>BMPR1A-T5 RTALRIKKT	481	>BMPR1A-T5 RTALRIKKM	655	174
>BMPR1A-T5 RTALRIKKT	17	>BMPR1A-T5 RTALRIKKM	35	18
>BMPR1A-T5 RTALRIKKT	120	>BMPR1A-T5 RTALRIKKM	903	783
>BMPR1A-T5 RTALRIKKT	13631	>BMPR1A-T5 RTALRIKKM	124	13507
>BMPR1A-T5 RTALRIKKT	655	>BMPR1A-T5 RTALRIKKM	425	230
>BRAF-A598 ATVKSRWSG	2758	>BRAF-A598 TTVKSRWSG	365	2393
>BRAF-A598 ATVKSRWSG	451	>BRAF-A598 TTVKSRWSG	589	138
>BRAF-A598 LATVKSRW	36	>BRAF-A598 LTTVKSRW	7	29
>BRAF-A598 LATVKSRW	86	>BRAF-A598 LTTVKSRW	2399	2313
>BRAF-A598 LATVKSRW	73	>BRAF-A598 LTTVKSRW	59	14
>BRAF-A598 LATVKSRW	22	>BRAF-A598 LTTVKSRW	21	1
>BRAF-A598 LATVKSRW	172	>BRAF-A598 LTTVKSRW	866	694
>BRAF-A598 LATVKSRW	130	>BRAF-A598 LTTVKSRW	1650	1520
>BRAF-A598 LTVKIGDFGL	229	>BRAF-A598 LTVKIGDFGL	1977	1748
>BRAF-A598 LTVKIGDFGL	380	>BRAF-A598 LTVKIGDFGL	328	52
>BRAF-A598 GLATVKSRW	242	>BRAF-A598 GLTTVKSRW	229	13
>BRAF-A598 FGLATVKSRM	98	>BRAF-A598 FGLTTVKSRM	161	63
>BRAF-A598 FGLATVKSRM	499	>BRAF-A598 FGLTTVKSRM	816	317
>BRAF-A598 FGLATVKSRM	45	>BRAF-A598 FGLTTVKSRM	98	53
>BRAF-A598 FGLATVKSRM	215	>BRAF-A598 FGLTTVKSRM	216	1
>BRAF-A598 DFGLATVKSR	205	>BRAF-A598 DFGLTTVKSR	219	14
>BRAF-A598 DFGLATVKSR	246	>BRAF-A598 DFGLTTVKSR	192	54
>BRAF-A598 GDFGLATV	393	>BRAF-A598 GDFGLTTV	119	274
>BRAF-A598 GDFGLATV	227	>BRAF-A598 GDFGLTTV	348	121
>BRAF-A598 IGDFGLATV	253	>BRAF-A598 IGDFGLTTV	305	52
>BRAF-A598 KIGDFGLATV	53	>BRAF-A598 KIGDFGLTTV	62	9
>BRAF-A598 KIGDFGLATV	34	>BRAF-A598 KIGDFGLTTV	39	5
>BRAF-A598 KIGDFGLATV	12	>BRAF-A598 KIGDFGLTTV	14	2
>BRAF-A598 KIGDFGLATV	59	>BRAF-A598 KIGDFGLTTV	60	1
>BRAF-A598 KIGDFGLATV	4	>BRAF-A598 KIGDFGLTTV	6	2
>BRAF-A598 KIGDFGLATV	15	>BRAF-A598 KIGDFGLTTV	27	12
>BRAF-A598 KIGDFGLATV	16	>BRAF-A598 KIGDFGLTTV	15	1
>BRAF-A598 KIGDFGLATV	30	>BRAF-A598 KIGDFGLTTV	68	38
>BRAF-A598 KIGDFGLATV	4	>BRAF-A598 KIGDFGLTTV	4	0
>BRAF-A598 KIGDFGLATV	129	>BRAF-A598 KIGDFGLTTVI	108	21
>BRAF-A598 KIGDFGLATV	57	>BRAF-A598 KIGDFGLTTVI	40	17
>BRAF-A598 KIGDFGLATV	563	>BRAF-A598 KIGDFGLTTVI	347	216
>BRAF-A598 KIGDFGLATV	509	>BRAF-A598 KIGDFGLTTV	315	194
>BRAF-A598 KIGDFGLATV	132	>BRAF-A598 KIGDFGLTTVI	83	49

>BRAFA598VKIGDFGLAT	144	>BRAFA598VKIGDFGLTT	166	22
>BRAFA598\ATVKSRWSG	451	>BRAFA598\VTVKSRWSG	287	164
>BRAFA598\LATVKSRW	36	>BRAFA598\LTVVKSRW	161	125
>BRAFA598\LATVKSRW	86	>BRAFA598\LTVVKSRW	862	776
>BRAFA598\LATVKSRW	73	>BRAFA598\LTVVKSRW	603	530
>BRAFA598\LATVKSRW	22	>BRAFA598\LTVVKSRW	64	42
>BRAFA598\LATVKSRW	172	>BRAFA598\LTVVKSRW	1347	1175
>BRAFA598\LATVKSRW	130	>BRAFA598\LTVVKSRW	1723	1593
>BRAFA598\LTVKIGDFGL	1495	>BRAFA598\LTVKIGDFGL	243	1252
>BRAFA598\LTVKIGDFGL	2158	>BRAFA598\LTVKIGDFGL	358	1800
>BRAFA598\LTVKIGDFGL	986	>BRAFA598\LTVKIGDFGL	91	895
>BRAFA598\LTVKIGDFGL	229	>BRAFA598\LTVKIGDFGL	34	195
>BRAFA598\LTVKIGDFGL	4855	>BRAFA598\LTVKIGDFGL	247	4608
>BRAFA598\LTVKIGDFGL	3240	>BRAFA598\LTVKIGDFGL	332	2908
>BRAFA598\LTVKIGDFGL	380	>BRAFA598\LTVKIGDFGL	52	328
>BRAFA598\GLATVKSRW	242	>BRAFA598\GLVTVKSRW	275	33
>BRAFA598\FGLATVKSRM	98	>BRAFA598\FGLVTVKSRM	102	4
>BRAFA598\FGLATVKSRM	499	>BRAFA598\FGLVTVKSRM	649	150
>BRAFA598\FGLATVKSRM	45	>BRAFA598\FGLVTVKSRM	70	25
>BRAFA598\FGLATVKSRM	215	>BRAFA598\FGLVTVKSRM	172	43
>BRAFA598\DFGLATVK	1319	>BRAFA598\DFGLVTVK	341	978
>BRAFA598\DFGLATVKSR	205	>BRAFA598\DFGLVTVKSR	81	124
>BRAFA598\DFGLATVKSR	246	>BRAFA598\DFGLVTVKSR	374	128
>BRAFA598\GDFGLATV	393	>BRAFA598\GDFGLVTV	181	212
>BRAFA598\GDFGLATV	594	>BRAFA598\GDFGLVTV	305	289
>BRAFA598\GDFGLATV	227	>BRAFA598\GDFGLVTV	360	133
>BRAFA598\IGDFGLATV	253	>BRAFA598\IGDFGLVTV	385	132
>BRAFA598\KIGDFGLA	2562	>BRAFA598\KIGDFGLV	271	2291
>BRAFA598\KIGDFGLATV	53	>BRAFA598\KIGDFGLVTV	57	4
>BRAFA598\KIGDFGLA	1135	>BRAFA598\KIGDFGLV	124	1011
>BRAFA598\KIGDFGLATV	34	>BRAFA598\KIGDFGLVTV	54	20
>BRAFA598\KIGDFGLA	701	>BRAFA598\KIGDFGLV	65	636
>BRAFA598\KIGDFGLATV	12	>BRAFA598\KIGDFGLVTV	21	9
>BRAFA598\KIGDFGLA	554	>BRAFA598\KIGDFGLV	50	504
>BRAFA598\KIGDFGLATV	59	>BRAFA598\KIGDFGLVTV	59	0
>BRAFA598\KIGDFGLA	900	>BRAFA598\KIGDFGLV	21	879
>BRAFA598\KIGDFGLATV	4	>BRAFA598\KIGDFGLVTV	5	1
>BRAFA598\KIGDFGLA	7285	>BRAFA598\KIGDFGLV	268	7017
>BRAFA598\KIGDFGLATV	15	>BRAFA598\KIGDFGLVTV	20	5
>BRAFA598\KIGDFGLA	4116	>BRAFA598\KIGDFGLV	67	4049
>BRAFA598\KIGDFGLATV	16	>BRAFA598\KIGDFGLVTV	14	2
>BRAFA598\KIGDFGLATV	30	>BRAFA598\KIGDFGLVTV	47	17
>BRAFA598\KIGDFGLA	1379	>BRAFA598\KIGDFGLV	14	1365

>BRAFA598\KIGDFGLATV	4	>BRAFA598\KIGDFGLVTV	4	0
>BRAFA598\KIGDFGLATV	129	>BRAFA598\KIGDFGLVTV	128	1
>BRAFA598\KIGDFGLATV	57	>BRAFA598\KIGDFGLVTV	47	10
>BRAFA598\KIGDFGLATV	509	>BRAFA598\KIGDFGLVTV	195	314
>BRAFA598\KIGDFGLATV	132	>BRAFA598\KIGDFGLVTV	120	12
>BRAFA598\VKIGDFGLAT	144	>BRAFA598\VKIGDFGLVTV	182	38
>BRAFA598\VKIGDFGLAT	835	>BRAFA598\VKIGDFGLVTV	458	377
>BRAFA598\TVKIGDFGLA	1266	>BRAFA598\TVKIGDFGLV	180	1086
>BRAFA598\TVKIGDFGLA	1654	>BRAFA598\TVKIGDFGLV	224	1430
>BRAFD587\DLTVKIGDFG	14353	>BRAFD587\ALTVKIGDFG	497	13856
>BRAFD587\DLTVKIGDFG	4602	>BRAFD587\ALTVKIGDFG	76	4526
>BRAFD587\DLTVKIGDFG	9274	>BRAFD587\ALTVKIGDFG	434	8840
>BRAFD587\DLTVKIGDFG	8154	>BRAFD587\ALTVKIGDFG	310	7844
>BRAFD587\DLTVKIGDFG	3196	>BRAFD587\ALTVKIGDFG	111	3085
>BRAFD587\DLTVKIGDFG	2678	>BRAFD587\ALTVKIGDFG	104	2574
>BRAFD587\DLTVKIGDFG	765	>BRAFD587\ALTVKIGDFG	42	723
>BRAFD587\DLTVKIGDFG	1666	>BRAFD587\ALTVKIGDFG	472	1194
>BRAFD587\DLTVKIGDFG	205	>BRAFD587\ALTVKIGDFG	6	199
>BRAFD587\HEDLTVKI	12	>BRAFD587\HEALTVKI	11	1
>BRAFD587\HEDLTVKIGD	858	>BRAFD587\HEALTVKIGD	138	720
>BRAFD587\HEDLTVKIGD	812	>BRAFD587\HEALTVKIGD	285	527
>BRAFD587\HEDLTVKI	114	>BRAFD587\HEALTVKI	80	34
>BRAFD587\HEDLTVKIGD	1094	>BRAFD587\HEALTVKIGD	405	689
>BRAFD587\HEDLTVKI	157	>BRAFD587\HEALTVKI	53	104
>BRAFD587\HEDLTVKIGD	888	>BRAFD587\HEALTVKIGD	114	774
>BRAFD587\FLHEDLTV	9	>BRAFD587\FLHEALTV	9	0
>BRAFD587\FLHEDLTVKI	66	>BRAFD587\FLHEALTVKI	78	12
>BRAFD587\FLHEDLTV	6	>BRAFD587\FLHEALTV	5	1
>BRAFD587\FLHEDLTVK	539	>BRAFD587\FLHEALTVK	292	247
>BRAFD587\FLHEDLTVKI	14	>BRAFD587\FLHEALTVKI	16	2
>BRAFD587\FLHEDLTV	3	>BRAFD587\FLHEALTV	3	0
>BRAFD587\FLHEDLTVK	332	>BRAFD587\FLHEALTVK	216	116
>BRAFD587\FLHEDLTVKI	24	>BRAFD587\FLHEALTVKI	22	2
>BRAFD587\FLHEDLTVKIC	334	>BRAFD587\FLHEALTVKIC	262	72
>BRAFD587\FLHEDLTV	7	>BRAFD587\FLHEALTV	6	1
>BRAFD587\FLHEDLTVKI	101	>BRAFD587\FLHEALTVKI	146	45
>BRAFD587\FLHEDLTV	1	>BRAFD587\FLHEALTV	1	0
>BRAFD587\FLHEDLTVK	368	>BRAFD587\FLHEALTVK	390	22
>BRAFD587\FLHEDLTVKI	2	>BRAFD587\FLHEALTVKI	2	0
>BRAFD587\FLHEDLTV	3	>BRAFD587\FLHEALTV	3	0
>BRAFD587\FLHEDLTVKI	4	>BRAFD587\FLHEALTVKI	5	1
>BRAFD587\FLHEDLTV	4	>BRAFD587\FLHEALTV	4	0
>BRAFD587\FLHEDLTVKI	7	>BRAFD587\FLHEALTVKI	7	0



>BRAFD587,FLHEDLTV	6	>BRAFD587,FLHEALTV	3	3
>BRAFD587,FLHEDLTVKI	13	>BRAFD587,FLHEALTVKI	15	2
>BRAFD587,FLHEDLTV	1	>BRAFD587,FLHEALTV	1	0
>BRAFD587,FLHEDLTVK	39	>BRAFD587,FLHEALTVK	36	3
>BRAFD587,FLHEDLTVKI	2	>BRAFD587,FLHEALTVKI	2	0
>BRAFD587,FLHEDLTVK	836	>BRAFD587,FLHEALTVK	253	583
>BRAFD587,FLHEDLTVK	957	>BRAFD587,FLHEALTVK	456	501
>BRAFD587,FLHEDLTV	561	>BRAFD587,FLHEALTV	145	416
>BRAFD587,FLHEDLTVKI	414	>BRAFD587,FLHEALTVKI	1994	1580
>BRAFD587,IFLHEDLTVK	1802	>BRAFD587,IFLHEALTVK	360	1442
>BRAFD587,IFLHEDLTVKI	68	>BRAFD587,IFLHEALTVKI	84	16
>BRAFD587,IFLHEDLTVKI	604	>BRAFD587,IFLHEALTVKI	372	232
>BRAFD587,IFLHEDLTVKI	91	>BRAFD587,IFLHEALTVKI	61	30
>BRAFD587,NIFLHEDLTV	106	>BRAFD587,NIFLHEALTV	209	103
>BRAFD587,NIFLHEDL	629	>BRAFD587,NIFLHEAL	127	502
>BRAFD587,NIFLHEDLTV	125	>BRAFD587,NIFLHEALTV	193	68
>BRAFD587,NIFLHEDLTV	99	>BRAFD587,NIFLHEALTV	64	35
>BRAFD587,NIFLHEDLTV	155	>BRAFD587,NIFLHEALTV	228	73
>BRAFD587,NIFLHEDLTV	353	>BRAFD587,NIFLHEALTV	154	199
>BRAFD587,NIFLHEDLTV	756	>BRAFD587,NIFLHEALTV	497	259
>BRAFD587,NIFLHEDLTV	473	>BRAFD587,NIFLHEALTV	521	48
>BRAFD587,NIFLHEDLTV	225	>BRAFD587,NIFLHEALTV	94	131
>BRAFD587,NIFLHEDLTVK	1040	>BRAFD587,NIFLHEALTVK	322	718
>BRAFD587,NIFLHEDLTVK	333	>BRAFD587,NIFLHEALTVK	212	121
>BRAFD587,NIFLHEDLTVK	61	>BRAFD587,NIFLHEALTVK	41	20
>BRAFD587,NIFLHEDL	1424	>BRAFD587,NIFLHEAL	242	1182
>BRAFD587,NIFLHEDLTV	1441	>BRAFD587,NIFLHEALTV	177	1264
>BRAFD587,NNIFLHEDL	3736	>BRAFD587,NNIFLHEAL	425	3311
>BRAFD587,KSNNIFLHED	3941	>BRAFD587,KSNNIFLHEA	96	3845
>BRAFD587,KSNNIFLHEDI	30	>BRAFD587,KSNNIFLHEAI	16	14
>BRAFD587,KSNNIFLHEDI	981	>BRAFD587,KSNNIFLHEAI	355	626
>BRAFD587,KSNNIFLHEDI	370	>BRAFD587,KSNNIFLHEAI	123	247
>BRAFD587,KSNNIFLHEDI	298	>BRAFD587,KSNNIFLHEAI	117	181
>BRAFD587,KSNNIFLHEDI	617	>BRAFD587,KSNNIFLHEAI	230	387
>BRAFD587IDLTVKIGDFG	765	>BRAFD587IELTVKIGDFGI	391	374
>BRAFD587IDLTVKIGDFG	205	>BRAFD587IELTVKIGDFGI	53	152
>BRAFD587IEDLTVKIG	8848	>BRAFD587IEELTVKIG	293	8555
>BRAFD587IEDLTVKIGDF	6281	>BRAFD587IEELTVKIGDF	396	5885
>BRAFD587IEDLTVKIGDF	9642	>BRAFD587IEELTVKIGDF	443	9199
>BRAFD587IEDLTVKIGDF	13879	>BRAFD587IEELTVKIGDF	369	13510
>BRAFD587IEDLTVKIGDF	14664	>BRAFD587IEELTVKIGDF	489	14175
>BRAFD587IHEDLTVKI	12	>BRAFD587IHEELTVKI	13	1
>BRAFD587IHEDLTVKIGD	858	>BRAFD587IHEELTVKIGDI	336	522

>BRAFD587IHEDLTVKI	114	>BRAFD587IHEELTVKI	74	40
>BRAFD587IHEDLTVKI	157	>BRAFD587IHEELTVKI	129	28
>BRAFD587IHEDLTVKIGD	888	>BRAFD587IHEELTVKIGDI	463	425
>BRAFD587IFLHEDLTV	9	>BRAFD587IFLHEELTV	9	0
>BRAFD587IFLHEDLTVKI	66	>BRAFD587IFLHEELTVKI	53	13
>BRAFD587IFLHEDLTV	6	>BRAFD587IFLHEELTV	6	0
>BRAFD587IFLHEDLTVK	539	>BRAFD587IFLHEELTVK	374	165
>BRAFD587IFLHEDLTVKI	14	>BRAFD587IFLHEELTVKI	17	3
>BRAFD587IFLHEDLTV	3	>BRAFD587IFLHEELTV	3	0
>BRAFD587IFLHEDLTVK	332	>BRAFD587IFLHEELTVK	465	133
>BRAFD587IFLHEDLTVKI	24	>BRAFD587IFLHEELTVKI	23	1
>BRAFD587IFLHEDLTVKIG	334	>BRAFD587IFLHEELTVKIG	397	63
>BRAFD587IFLHEDLTV	7	>BRAFD587IFLHEELTV	9	2
>BRAFD587IFLHEDLTVKI	101	>BRAFD587IFLHEELTVKI	127	26
>BRAFD587IFLHEDLTV	1	>BRAFD587IFLHEELTV	1	0
>BRAFD587IFLHEDLTVK	368	>BRAFD587IFLHEELTVK	461	93
>BRAFD587IFLHEDLTVKI	2	>BRAFD587IFLHEELTVKI	2	0
>BRAFD587IFLHEDLTV	3	>BRAFD587IFLHEELTV	3	0
>BRAFD587IFLHEDLTVKI	4	>BRAFD587IFLHEELTVKI	4	0
>BRAFD587IFLHEDLTV	4	>BRAFD587IFLHEELTV	4	0
>BRAFD587IFLHEDLTVKI	7	>BRAFD587IFLHEELTVKI	7	0
>BRAFD587IFLHEDLTV	6	>BRAFD587IFLHEELTV	6	0
>BRAFD587IFLHEDLTVKI	13	>BRAFD587IFLHEELTVKI	22	9
>BRAFD587IFLHEDLTV	1	>BRAFD587IFLHEELTV	1	0
>BRAFD587IFLHEDLTVK	39	>BRAFD587IFLHEELTVK	56	17
>BRAFD587IFLHEDLTVKI	2	>BRAFD587IFLHEELTVKI	2	0
>BRAFD587IFLHEDLTVKI	414	>BRAFD587IFLHEELTVKI	215	199
>BRAFD587IIFLHEDLTVKI	68	>BRAFD587IIFLHEELTVKI	94	26
>BRAFD587IIFLHEDLTVKI	91	>BRAFD587IIFLHEELTVKI	73	18
>BRAFD587INIFLHEDLTV	106	>BRAFD587INIFLHEELTV	135	29
>BRAFD587INIFLHEDL	629	>BRAFD587INIFLHEEL	95	534
>BRAFD587INIFLHEDLTV	125	>BRAFD587INIFLHEELTV	142	17
>BRAFD587INIFLHEDLTV	99	>BRAFD587INIFLHEELTV	110	11
>BRAFD587INIFLHEDLTV	155	>BRAFD587INIFLHEELTV	269	114
>BRAFD587INIFLHEDLTV	353	>BRAFD587INIFLHEELTV	218	135
>BRAFD587INIFLHEDLTV	473	>BRAFD587INIFLHEELTV	525	52
>BRAFD587INIFLHEDLTV	225	>BRAFD587INIFLHEELTV	135	90
>BRAFD587INIFLHEDLTVK	333	>BRAFD587INIFLHEELTVK	321	12
>BRAFD587INIFLHEDLTVK	61	>BRAFD587INIFLHEELTVK	60	1
>BRAFD587INIFLHEDL	1424	>BRAFD587INIFLHEEL	175	1249
>BRAFD587INNIFLHEDL	3736	>BRAFD587INNIFLHEEL	253	3483
>BRAFD587IKSNNIFLHEDL	30	>BRAFD587IKSNNIFLHEEL	28	2
>BRAFD587IKSNNIFLHEDL	370	>BRAFD587IKSNNIFLHEEL	98	272

>BRAFD587IKSNNIFLHEDI	298	>BRAFD587IKSNNIFLHEEI	56	242
>BRAFD587IKSNNIFLHEDI	617	>BRAFD587IKSNNIFLHEEI	180	437
>BRAFD587IDLTVKIGDFG	4602	>BRAFD587INLTVKIGDFG	224	4378
>BRAFD587IDLTVKIGDFG	2678	>BRAFD587INLTVKIGDFG	221	2457
>BRAFD587IDLTVKIGDFG	765	>BRAFD587INLTVKIGDFG	293	472
>BRAFD587IDLTVKIGDFG	205	>BRAFD587INLTVKIGDFG	48	157
>BRAFD587IHEDLTVKI	12	>BRAFD587IHENLTVKI	12	0
>BRAFD587IHEDLTVKIGD	858	>BRAFD587IHENLTVKIGD	315	543
>BRAFD587IHEDLTVKIGD	812	>BRAFD587IHENLTVKIGD	351	461
>BRAFD587IHEDLTVKI	114	>BRAFD587IHENLTVKI	242	128
>BRAFD587IHEDLTVKI	1404	>BRAFD587IHENLTVKI	276	1128
>BRAFD587IHEDLTVKIGD	2416	>BRAFD587IHENLTVKIGD	463	1953
>BRAFD587IHEDLTVKIGD	1543	>BRAFD587IHENLTVKIGD	365	1178
>BRAFD587IHEDLTVKIGD	1094	>BRAFD587IHENLTVKIGD	326	768
>BRAFD587IHEDLTVKI	157	>BRAFD587IHENLTVKI	67	90
>BRAFD587IHEDLTVKIGD	888	>BRAFD587IHENLTVKIGD	348	540
>BRAFD587IFLHEDLTV	9	>BRAFD587IFLHENLTV	9	0
>BRAFD587IFLHEDLTVKI	66	>BRAFD587IFLHENLTVKI	76	10
>BRAFD587IFLHEDLTV	6	>BRAFD587IFLHENLTV	5	1
>BRAFD587IFLHEDLTVKI	14	>BRAFD587IFLHENLTVKI	21	7
>BRAFD587IFLHEDLTV	3	>BRAFD587IFLHENLTV	3	0
>BRAFD587IFLHEDLTVK	332	>BRAFD587IFLHENLTVK	342	10
>BRAFD587IFLHEDLTVKI	24	>BRAFD587IFLHENLTVKI	20	4
>BRAFD587IFLHEDLTVKIC	334	>BRAFD587IFLHENLTVKIC	340	6
>BRAFD587IFLHEDLTV	7	>BRAFD587IFLHENLTV	7	0
>BRAFD587IFLHEDLTVKI	101	>BRAFD587IFLHENLTVKI	172	71
>BRAFD587IFLHEDLTV	1	>BRAFD587IFLHENLTV	1	0
>BRAFD587IFLHEDLTVK	368	>BRAFD587IFLHENLTVK	151	217
>BRAFD587IFLHEDLTVKI	2	>BRAFD587IFLHENLTVKI	2	0
>BRAFD587IFLHEDLTVKIC	706	>BRAFD587IFLHENLTVKIC	385	321
>BRAFD587IFLHEDLTV	3	>BRAFD587IFLHENLTV	2	1
>BRAFD587IFLHEDLTVKI	4	>BRAFD587IFLHENLTVKI	4	0
>BRAFD587IFLHEDLTV	4	>BRAFD587IFLHENLTV	4	0
>BRAFD587IFLHEDLTVKI	7	>BRAFD587IFLHENLTVKI	8	1
>BRAFD587IFLHEDLTV	6	>BRAFD587IFLHENLTV	4	2
>BRAFD587IFLHEDLTVKI	13	>BRAFD587IFLHENLTVKI	14	1
>BRAFD587IFLHEDLTV	1	>BRAFD587IFLHENLTV	1	0
>BRAFD587IFLHEDLTVK	39	>BRAFD587IFLHENLTVK	23	16
>BRAFD587IFLHEDLTVKI	2	>BRAFD587IFLHENLTVKI	2	0
>BRAFD587IFLHEDLTVK	836	>BRAFD587IFLHENLTVK	278	558
>BRAFD587IFLHEDLTV	561	>BRAFD587IFLHENLTV	218	343
>BRAFD587IFLHEDLTVKI	414	>BRAFD587IFLHENLTVKI	1254	840
>BRAFD587IFLHEDLTVK	1802	>BRAFD587IFLHENLTVK	464	1338

>BRAFD587IIFLHEDLTVKI	68	>BRAFD587IIFLHENLTVKI	57	11
>BRAFD587IIFLHEDLTVKI	604	>BRAFD587IIFLHENLTVKI	340	264
>BRAFD587IIFLHEDLTVKI	91	>BRAFD587IIFLHENLTVKI	74	17
>BRAFD587INIFLHEDLTV	106	>BRAFD587INIFLHENLTV	95	11
>BRAFD587INIFLHEDL	629	>BRAFD587INIFLHENL	138	491
>BRAFD587INIFLHEDLTV	125	>BRAFD587INIFLHENLTV	150	25
>BRAFD587INIFLHEDLTV	99	>BRAFD587INIFLHENLTV	63	36
>BRAFD587INIFLHEDLTV	155	>BRAFD587INIFLHENLTV	146	9
>BRAFD587INIFLHEDLTV	353	>BRAFD587INIFLHENLTV	284	69
>BRAFD587INIFLHEDLTV	473	>BRAFD587INIFLHENLTV	785	312
>BRAFD587INIFLHEDLTV	225	>BRAFD587INIFLHENLTV	171	54
>BRAFD587INIFLHEDLTV†	1040	>BRAFD587INIFLHENLTV†	428	612
>BRAFD587INIFLHEDLTV†	333	>BRAFD587INIFLHENLTV†	245	88
>BRAFD587INIFLHEDLTV†	61	>BRAFD587INIFLHENLTV†	48	13
>BRAFD587INIFLHEDL	1424	>BRAFD587INIFLHENL	266	1158
>BRAFD587INIFLHEDLTV	1441	>BRAFD587INIFLHENLTV	324	1117
>BRAFD587INNIFLHEDL	3736	>BRAFD587INNIFLHENL	466	3270
>BRAFD587INNIFLHEDLT	764	>BRAFD587INNIFLHENLT	432	332
>BRAFD587IKSNNIFLHEDI	30	>BRAFD587IKSNNIFLHEN	27	3
>BRAFD587IKSNNIFLHEDI	370	>BRAFD587IKSNNIFLHEN	91	279
>BRAFD587IKSNNIFLHEDI	298	>BRAFD587IKSNNIFLHEN	77	221
>BRAFD587IKSNNIFLHEDI	617	>BRAFD587IKSNNIFLHEN	293	324
>BRAFD594IDFGLATVKSR	205	>BRAFD594IEFGLATVKSR	612	407
>BRAFD594IDFGLATVKSR	246	>BRAFD594IEFGLATVKSR	68	178
>BRAFD594IGDFGLATV	2255	>BRAFD594IGEFGLATV	331	1924
>BRAFD594IGDFGLATV	8235	>BRAFD594IGEFGLATV	11	8224
>BRAFD594IGDFGLATV	393	>BRAFD594IGEFGLATV	86	307
>BRAFD594IGDFGLATVK	3037	>BRAFD594IGEFGLATVK	427	2610
>BRAFD594IGDFGLATV	13269	>BRAFD594IGEFGLATV	194	13075
>BRAFD594IGDFGLATVKS	17812	>BRAFD594IGEFGLATVKS	343	17469
>BRAFD594IGDFGLATV	21425	>BRAFD594IGEFGLATV	158	21267
>BRAFD594IGDFGLATV	594	>BRAFD594IGEFGLATV	128	466
>BRAFD594IGDFGLATV	227	>BRAFD594IGEFGLATV	10457	10230
>BRAFD594IIGDFGLATV	253	>BRAFD594IIGEFGLATV	1339	1086
>BRAFD594IKIGDFGLATV	53	>BRAFD594IKIGEFGLATV	64	11
>BRAFD594IKIGDFGLATV	34	>BRAFD594IKIGEFGLATV	44	10
>BRAFD594IKIGDFGLATV	12	>BRAFD594IKIGEFGLATV	12	0
>BRAFD594IKIGDFGLATV	59	>BRAFD594IKIGEFGLATV	66	7
>BRAFD594IKIGDFGLATV	4	>BRAFD594IKIGEFGLATV	4	0
>BRAFD594IKIGDFGLATV	15	>BRAFD594IKIGEFGLATV	13	2
>BRAFD594IKIGDFGLATV	16	>BRAFD594IKIGEFGLATV	14	2
>BRAFD594IKIGDFGLATV	30	>BRAFD594IKIGEFGLATV	30	0
>BRAFD594IKIGDFGLATV	4	>BRAFD594IKIGEFGLATV	5	1

>BRAFD594IKIGDFGLATV	129	>BRAFD594IKIGEFGLATVI	91	38
>BRAFD594IKIGDFGLATV	57	>BRAFD594IKIGEFGLATVI	76	19
>BRAFD594IKIGDFGLATV	509	>BRAFD594IKIGEFGLATV	365	144
>BRAFD594IKIGDFGLATV	814	>BRAFD594IKIGEFGLATV	460	354
>BRAFD594IKIGDFGLATV	132	>BRAFD594IKIGEFGLATVI	239	107
>BRAFD594IVKIGDFGLAT	144	>BRAFD594IVKIGEFGLAT	180	36
>BRAFD594ILTVKIGDFGL	354	>BRAFD594ILTVKIGEFGL	696	342
>BRAFD594ILTVKIGDF	154	>BRAFD594ILTVKIGEF	113	41
>BRAFD594ILTVKIGDFGL	229	>BRAFD594ILTVKIGEFGL	235	6
>BRAFD594ILTVKIGDF	899	>BRAFD594ILTVKIGEF	259	640
>BRAFD594ILTVKIGDF	636	>BRAFD594ILTVKIGEF	404	232
>BRAFD594ILTVKIGDF	13	>BRAFD594ILTVKIGEF	6	7
>BRAFD594ILTVKIGDFGL	24	>BRAFD594ILTVKIGEFGL	21	3
>BRAFD594ILTVKIGDF	2073	>BRAFD594ILTVKIGEF	443	1630
>BRAFD594ILTVKIGDFGL	424	>BRAFD594ILTVKIGEFGL	464	40
>BRAFD594ILTVKIGDF	118	>BRAFD594ILTVKIGEF	83	35
>BRAFD594ILTVKIGDFGL	380	>BRAFD594ILTVKIGEFGL	383	3
>BRAFD594ILTVKIGDFG	205	>BRAFD594ILTVKIGEFGI	139	66
>BRAFD594IHEDLTVKIGD	858	>BRAFD594IHEDLTVKIGEI	470	388
>BRAFD594IHEDLTVKIGD	812	>BRAFD594IHEDLTVKIGEI	267	545
>BRAFD594IDFGLATVKSR	205	>BRAFD594IDFGLATVKSR	5286	5081
>BRAFD594IDFGLATVKSR	246	>BRAFD594IDFGLATVKSR	308	62
>BRAFD594IGDFGLATV	2255	>BRAFD594IGDFGLATV	385	1870
>BRAFD594IGDFGLATV	2088	>BRAFD594IGDFGLATV	332	1756
>BRAFD594IGDFGLATV	3633	>BRAFD594IGDFGLATV	340	3293
>BRAFD594IGDFGLATV	393	>BRAFD594IGDFGLATV	31016	30623
>BRAFD594IGDFGLATV	227	>BRAFD594IGDFGLATV	18828	18601
>BRAFD594IGDFGLATV	253	>BRAFD594IGDFGLATV	1499	1246
>BRAFD594IKIGDFGLATV	53	>BRAFD594IKIGGFGLATV	82	29
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>BRAFD594(LTVKIGDFGL/	229	>BRAFD594(LTVKIGGFGL/	209	20
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>BRAFD594(LTVKIGDF	118	>BRAFD594(LTVKIGGF	141	23
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>BRAFD594(LTVKIGDFGL/	380	>BRAFD594(LTVKIGGFGL/	212	168
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>BRAFD594ILTVKIGDFGL/	380	>BRAFD594ILTVKIGKFGL/	444	64
>BRAFD594ILTVKIGDFG	205	>BRAFD594ILTVKIGKFGI	167	38
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>BRAFD594ITVKIGDFGL	653	>BRAFD594ITVKIGNFGL	399	254
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>BRAFD594ILTVKIGDFGL	949	>BRAFD594ILTVKIGNFGL	258	691
>BRAFD594ILTVKIGDFGL/	380	>BRAFD594ILTVKIGNFGL/	352	28
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>BRAFD594GDFGLATVKS	22655	>BRAFD594GVFGLATVKS	262	22393
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>BRAFD594LTVKIGDF	2073	>BRAFD594LTVKIGVF	249	1824
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>BRAFD594LTVKIGDF	118	>BRAFD594LTVKIGVF	27	91
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>BRAFD594HEDLTVKIGD	15816	>BRAFD594HEDLTVKIGV	66	15750
>BRAFD594HEDLTVKIGD	812	>BRAFD594HEDLTVKIGV	223	589
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>BRAFE611[HQFEQLSGSI	157	>BRAFE611[HQFDQLSGSI	256	99
>BRAFE611[HQFEQLSGSI	70	>BRAFE611[HQFDQLSGSI	94	24
>BRAFE611[HQFEQLSGSI	8	>BRAFE611[HQFDQLSGSI	10	2
>BRAFE611[HQFEQLSGSI	195	>BRAFE611[HQFDQLSGSI	342	147
>BRAFE611[HQFEQLSGSI	16	>BRAFE611[HQFDQLSGSI	23	7
>BRAFE611[HQFEQLSGSI	388	>BRAFE611[HQFDQLSGSI	355	33
>BRAFE611[HQFEQLSGSI	485	>BRAFE611[HQFDQLSGSI	735	250
>BRAFE611[HQFEQLSGSI	111	>BRAFE611[HQFDQLSGSI	147	36
>BRAFE611[GSHQFEQL	406	>BRAFE611[GSHQFDQL	1274	868
>BRAFE611[GSHQFEQL	240	>BRAFE611[GSHQFDQL	367	127
>BRAFE611[RWSGSHQFE	328	>BRAFE611[RWSGSHQFD	555	227
>BRAFE611[RWSGSHQFE	14	>BRAFE611[RWSGSHQFD	13	1
>BRAFE611[RWSGSHQFE	57	>BRAFE611[RWSGSHQFD	84	27
>BRAFE611[RWSGSHQFE	116	>BRAFE611[RWSGSHQFD	88	28
>BRAFE611[SRWSGSHQF	327	>BRAFE611[SRWSGSHQF	783	456

>BRAFF-E611ISRWSGSHQF	698	>BRAFF-E611ISRWSGSHQF	466	232
>BRAFF-F468CFGTVYKWKW	51	>BRAFF-F468CFGTVYKWKW	57	6
>BRAFF-F468CSFGTVYKGV	365	>BRAFF-F468CSFGTVYKGV	18736	18371
>BRAFF-F468CTVGQRIGSGS	183	>BRAFF-F468CTVGQRIGSGS	18292	18109
>BRAFF-F468CGSFGTVYK	62	>BRAFF-F468CGSFGTVYK	410	348
>BRAFF-F468CGSFGTVYKKG	119	>BRAFF-F468CGSFGTVYKKG	287	168
>BRAFF-F468CGSFGTVYK	6	>BRAFF-F468CGSFGTVYK	10	4
>BRAFF-F468CGSFGTVYKKG	39	>BRAFF-F468CGSFGTVYKKG	62	23
>BRAFF-F468CGSFGTVYK	37	>BRAFF-F468CGSFGTVYK	257	220
>BRAFF-F468CGSFGTVYKKG	338	>BRAFF-F468CGSFGTVYKKG	1821	1483
>BRAFF-F468CGSFGTVYK	89	>BRAFF-F468CGSFGTVYK	402	313
>BRAFF-F468CGSFGTVYK	25	>BRAFF-F468CGSFGTVYK	478	453
>BRAFF-F468CGSFGTVYKKG	9	>BRAFF-F468CGSFGTVYKKG	15	6
>BRAFF-F468CGSFGTVYKKG	40	>BRAFF-F468CGSFGTVYKKG	324	284
>BRAFF-F468CGSFGTVYKKG	29	>BRAFF-F468CGSFGTVYKKG	151	122
>BRAFF-F468CGSFGTVYKKG	90	>BRAFF-F468CGSFGTVYKKG	1129	1039
>BRAFF-F468CGSFGTVYKKG	103	>BRAFF-F468CGSFGTVYKKG	1532	1429
>BRAFF-F468CGSFGTVYK	74	>BRAFF-F468CGSFGTVYK	216	142
>BRAFF-F468CGSFGTVYKKG	141	>BRAFF-F468CGSFGTVYKKG	790	649
>BRAFF-F468CSGSFGTVYK	41	>BRAFF-F468CSGSFGTVYK	99	58
>BRAFF-F468CSGSFGTVYK	331	>BRAFF-F468CSGSFGTVYK	517	186
>BRAFF-F468CSGSFGTVY	89	>BRAFF-F468CSGSFGTVY	352	263
>BRAFF-F468CSGSFGTVYK	290	>BRAFF-F468CSGSFGTVYK	808	518
>BRAFF-F468CSGSFGTVY	226	>BRAFF-F468CSGSFGTVY	174	52
>BRAFF-F468CSGSFGTVY	519	>BRAFF-F468CSGSFGTVY	228	291
>BRAFF-F468CSGSFGTVYK	438	>BRAFF-F468CSGSFGTVYK	441	3
>BRAFF-F468CSGSFGTVYK	46	>BRAFF-F468CSGSFGTVYK	58	12
>BRAFF-F468CSGSFGTVYK	25	>BRAFF-F468CSGSFGTVYK	46	21
>BRAFF-F468CSGSFGTVY	172	>BRAFF-F468CSGSFGTVY	76	96
>BRAFF-F468CSGSFGTVYK	212	>BRAFF-F468CSGSFGTVYK	273	61
>BRAFF-F468CSGSFGTVY	86	>BRAFF-F468CSGSFGTVY	99	13
>BRAFF-F468CSGSFGTVY	197	>BRAFF-F468CSGSFGTVY	428	231
>BRAFF-F468CSGSFGTVY	154	>BRAFF-F468CSGSFGTVY	208	54
>BRAFF-F468CSGSFGTVY	4	>BRAFF-F468CSGSFGTVY	4	0
>BRAFF-F468CSGSFGTVYK	241	>BRAFF-F468CSGSFGTVYK	404	163
>BRAFF-F468CIGSGSFGTVYI	304	>BRAFF-F468CIGSGSFGTVYI	554	250
>BRAFF-F468CIGSGSFGTVYI	214	>BRAFF-F468CIGSGSFGTVYI	496	282
>BRAFF-F468CIGSGSFGTVY	96	>BRAFF-F468CIGSGSFGTVY	401	305
>BRAFF-F468CIGSGSFGTVY	370	>BRAFF-F468CIGSGSFGTVY	421	51
>BRAFF-F468CIGSGSFGTVY	146	>BRAFF-F468CIGSGSFGTVY	198	52
>BRAFF-F468CIGSGSFGTVY	554	>BRAFF-F468CIGSGSFGTVY	494	60
>BRAFF-F468CIGSGSFGTVY	611	>BRAFF-F468CIGSGSFGTVY	346	265
>BRAFF-F468CRIGSGSFGTV	163	>BRAFF-F468CRIGSGSFGTV	436	273

>BRAFF468CRIGSGSFGTV	31	>BRAFF468CRIGSGSCGTV	67	36
>BRAFF468CRIGSGSFGTV	19	>BRAFF468CRIGSGSCGTV	51	32
>BRAFF468CRIGSGSFGTV	163	>BRAFF468CRIGSGSCGTV	546	383
>BRAFF468CRIGSGSFGTV	69	>BRAFF468CRIGSGSCGTV	149	80
>BRAFF468CRIGSGSFGTV	256	>BRAFF468CRIGSGSCGTV	420	164
>BRAFF468CRIGSGSFGTV	14	>BRAFF468CRIGSGSCGTV	20	6
>BRAFF468CRIGSGSFGTV'	468	>BRAFF468CRIGSGSCGTV	787	319
>BRAFF468CRIGSGSFGTV'	215	>BRAFF468CRIGSGSCGTV	854	639
>BRAFF468CRIGSGSFGTV'	61	>BRAFF468CRIGSGSCGTV	88	27
>BRAFF468CRIGSGSFGTV	327	>BRAFF468CRIGSGSCGTV	569	242
>BRAFF468CRIGSGSFGTV'	30	>BRAFF468CRIGSGSCGTV	96	66
>BRAFF468CRIGSGSFGTV'	50	>BRAFF468CRIGSGSCGTV	44	6
>BRAFF468CRIGSGSFGTV'	451	>BRAFF468CRIGSGSCGTV	454	3
>BRAFF468CRIGSGSFGTV'	451	>BRAFF468CRIGSGSCGTV	596	145
>BRAFF468CRIGSGSFGTV'	77	>BRAFF468CRIGSGSCGTV	106	29
>BRAFF468CQRIGSGSF	52	>BRAFF468CQRIGSGSC	5911	5859
>BRAFF468CQRIGSGSF	235	>BRAFF468CQRIGSGSC	6434	6199
>BRAFF468CGQRIGSGSF	30	>BRAFF468CGQRIGSGSC	4290	4260
>BRAFF468CGQRIGSGSF	56	>BRAFF468CGQRIGSGSC	10582	10526
>BRAFF468CGQRIGSGSF	22	>BRAFF468CGQRIGSGSC	14969	14947
>BRAFF468CVGQRIGSGSF	498	>BRAFF468CVGQRIGSGSC	20854	20356
>BRAFF468CVGQRIGSGSF	74	>BRAFF468CVGQRIGSGSC	17683	17609
>BRAFF468SFGTVYKKGW	51	>BRAFF468S SGTVYKKGW	1785	1734
>BRAFF468S SFGTVYKKGK	2990	>BRAFF468S SSGTVYKKGK	69	2921
>BRAFF468S SFGTVYKKGK	365	>BRAFF468S SSGTVYKKGK	16095	15730
>BRAFF468S SFGTVYKKGK	17184	>BRAFF468S SSGTVYKKGK	349	16835
>BRAFF468S SFGTVYKKGK	19313	>BRAFF468S SSGTVYKKGK	308	19005
>BRAFF468S SFGTVYKKGK	8115	>BRAFF468S SSGTVYKKGK	123	7992
>BRAFF468S TVGQRIGSGS	183	>BRAFF468S TVGQRIGSGS	17259	17076
>BRAFF468S GSFDTVYK	62	>BRAFF468S GSSDTVYK	174	112
>BRAFF468S GSFDTVYKKGK	119	>BRAFF468S GSSDTVYKKGK	227	108
>BRAFF468S GSFDTVYK	6	>BRAFF468S GSSDTVYK	9	3
>BRAFF468S GSFDTVYKKGK	39	>BRAFF468S GSSDTVYKKGK	34	5
>BRAFF468S GSFDTVYK	37	>BRAFF468S GSSDTVYK	200	163
>BRAFF468S GSFDTVYKKGK	338	>BRAFF468S GSSDTVYKKGK	1771	1433
>BRAFF468S GSFDTVYK	89	>BRAFF468S GSSDTVYK	785	696
>BRAFF468S GSFDTVYK	25	>BRAFF468S GSSDTVYK	258	233
>BRAFF468S GSFDTVYKKGK	9	>BRAFF468S GSSDTVYKKGK	14	5
>BRAFF468S GSFDTVYKKGK	40	>BRAFF468S GSSDTVYKKGK	88	48
>BRAFF468S GSFDTVYKKGK	29	>BRAFF468S GSSDTVYKKGK	35	6
>BRAFF468S GSFDTVYKKGK	90	>BRAFF468S GSSDTVYKKGK	444	354
>BRAFF468S GSFDTVYKKGK	103	>BRAFF468S GSSDTVYKKGK	282	179
>BRAFF468S GSFDTVYK	74	>BRAFF468S GSSDTVYK	137	63

>BRAFF468SGSFGTVYK GK	141	>BRAFF468SGSSGTVYK GK	400	259
>BRAFF468SGSFGTVYK	41	>BRAFF468SGSSGTVYK	68	27
>BRAFF468SGSFGTVYK	331	>BRAFF468SGSSGTVYK	529	198
>BRAFF468SGSFGTVY	89	>BRAFF468SGSSGTVY	81	8
>BRAFF468SGSFGTVYK	290	>BRAFF468SGSSGTVYK	445	155
>BRAFF468SGSFGTVY	226	>BRAFF468SGSSGTVY	150	76
>BRAFF468SGSFGTVY	963	>BRAFF468SGSSGTVY	470	493
>BRAFF468SGSFGTVY	519	>BRAFF468SGSSGTVY	390	129
>BRAFF468SGSFGTVYK	438	>BRAFF468SGSSGTVYK	489	51
>BRAFF468SGSFGTVYK	46	>BRAFF468SGSGSSGTVYK	101	55
>BRAFF468SGSFGTVYK	25	>BRAFF468SGSGSSGTVYK	38	13
>BRAFF468SGSFGTVY	172	>BRAFF468SGSGSSGTVY	244	72
>BRAFF468SGSFGTVYK	212	>BRAFF468SGSGSSGTVYK	562	350
>BRAFF468SGSFGTVY	86	>BRAFF468SGSGSSGTVY	55	31
>BRAFF468SGSFGTVY	197	>BRAFF468SGSGSSGTVY	160	37
>BRAFF468SGSFGTVY	154	>BRAFF468SGSGSSGTVY	19	135
>BRAFF468SGSFGTVY	4	>BRAFF468SGSGSSGTVY	6	2
>BRAFF468SGSFGTVYK	241	>BRAFF468SGSGSSGTVYK	349	108
>BRAFF468IGSGSFGTVYI	304	>BRAFF468IGSGSSGTVYI	335	31
>BRAFF468IGSGSFGTVYI	214	>BRAFF468IGSGSSGTVYI	379	165
>BRAFF468IGSGSFGTVY	96	>BRAFF468IGSGSSGTVY	244	148
>BRAFF468IGSGSFGTVY	370	>BRAFF468IGSGSSGTVY	270	100
>BRAFF468IGSGSFGTVY	146	>BRAFF468IGSGSSGTVY	110	36
>BRAFF468IGSGSFGTVY	675	>BRAFF468IGSGSSGTVY	348	327
>BRAFF468IGSGSFGTVY	554	>BRAFF468IGSGSSGTVY	87	467
>BRAFF468IGSGSFGTVY	611	>BRAFF468IGSGSSGTVY	471	140
>BRAFF468RIGSGSFGTV	163	>BRAFF468RIGSGSSGTV	289	126
>BRAFF468RIGSGSFGTV	31	>BRAFF468RIGSGSSGTV	66	35
>BRAFF468RIGSGSFGTV	19	>BRAFF468RIGSGSSGTV	31	12
>BRAFF468RIGSGSFGTV	163	>BRAFF468RIGSGSSGTV	251	88
>BRAFF468RIGSGSFGTV	69	>BRAFF468RIGSGSSGTV	104	35
>BRAFF468RIGSGSFGTV	256	>BRAFF468RIGSGSSGTV	402	146
>BRAFF468RIGSGSFGTV	14	>BRAFF468RIGSGSSGTV	19	5
>BRAFF468RIGSGSFGTV'	468	>BRAFF468RIGSGSSGTV'	471	3
>BRAFF468RIGSGSFGTV'	215	>BRAFF468RIGSGSSGTV'	637	422
>BRAFF468RIGSGSFGTV'	61	>BRAFF468RIGSGSSGTV'	75	14
>BRAFF468RIGSGSFGTV	327	>BRAFF468RIGSGSSGTV	1236	909
>BRAFF468RIGSGSFGTV'	30	>BRAFF468RIGSGSSGTV'	68	38
>BRAFF468RIGSGSFGTV'	50	>BRAFF468RIGSGSSGTV'	41	9
>BRAFF468RIGSGSFGTV'	726	>BRAFF468RIGSGSSGTV'	411	315
>BRAFF468RIGSGSFGTV'	451	>BRAFF468RIGSGSSGTV'	275	176
>BRAFF468RIGSGSFGTV'	451	>BRAFF468RIGSGSSGTV'	202	249
>BRAFF468RIGSGSFGTV'	77	>BRAFF468RIGSGSSGTV'	32	45

>BRAFF468SQRIGSGSF	52	>BRAFF468SQRIGSGSS	7376	7324
>BRAFF468SQRIGSGSF	235	>BRAFF468SQRIGSGSS	2761	2526
>BRAFF468SGQRIGSGSF	30	>BRAFF468SGQRIGSGSS	2293	2263
>BRAFF468SGQRIGSGSFG	1025	>BRAFF468SGQRIGSGSSG	275	750
>BRAFF468SGQRIGSGSF	56	>BRAFF468SGQRIGSGSS	9660	9604
>BRAFF468SGQRIGSGSF	22	>BRAFF468SGQRIGSGSS	14292	14270
>BRAFF468SVGQRIGSGSF	498	>BRAFF468SVGQRIGSGSS	20208	19710
>BRAFF468SVGQRIGSGSF	74	>BRAFF468SVGQRIGSGSS	17024	16950
>BRAFF583FVLHEDLTV	9	>BRAFF583FVLHEDLTV	9	0
>BRAFF583FVLHEDLTVKI	66	>BRAFF583FVLHEDLTVKI	66	0
>BRAFF583FVLHEDLTV	6	>BRAFF583FVLHEDLTV	6	0
>BRAFF583FVLHEDLTVKI	14	>BRAFF583FVLHEDLTVKI	14	0
>BRAFF583FVLHEDLTV	3	>BRAFF583FVLHEDLTV	3	0
>BRAFF583FVLHEDLTVKI	24	>BRAFF583FVLHEDLTVKI	24	0
>BRAFF583FVLHEDLTVKIC	334	>BRAFF583FVLHEDLTVKIC	334	0
>BRAFF583FVLHEDLTV	7	>BRAFF583FVLHEDLTV	7	0
>BRAFF583FVLHEDLTVKI	101	>BRAFF583FVLHEDLTVKI	101	0
>BRAFF583FVLHEDLTV	1	>BRAFF583FVLHEDLTV	1	0
>BRAFF583FVLHEDLTVKI	2	>BRAFF583FVLHEDLTVKI	2	0
>BRAFF583FVLHEDLTV	3	>BRAFF583FVLHEDLTV	3	0
>BRAFF583FVLHEDLTVKI	4	>BRAFF583FVLHEDLTVKI	4	0
>BRAFF583FVLHEDLTV	4	>BRAFF583FVLHEDLTV	4	0
>BRAFF583FVLHEDLTVKI	7	>BRAFF583FVLHEDLTVKI	7	0
>BRAFF583FVLHEDLTV	6	>BRAFF583FVLHEDLTV	6	0
>BRAFF583FVLHEDLTVKI	13	>BRAFF583FVLHEDLTVKI	13	0
>BRAFF583FVLHEDLTV	1	>BRAFF583FVLHEDLTV	1	0
>BRAFF583FVLHEDLTVKI	2	>BRAFF583FVLHEDLTVKI	2	0
>BRAFF583FVLHEDLTVKI	414	>BRAFF583FVLHEDLTVKI	414	0
>BRAFF583FVLHEDLTVKI	68	>BRAFF583FVLHEDLTVKI	68	0
>BRAFF583FVLHEDLTVKI	91	>BRAFF583FVLHEDLTVKI	91	0
>BRAFF583FIHRDLKSNIF	16	>BRAFF583FIHRDLKSNIF	16	0
>BRAFF583FIHRDLKSNIF	133	>BRAFF583FIHRDLKSNIF	133	0
>BRAFF583FNIFLHEDLTV	106	>BRAFF583FNIFLHEDLTV	106	0
>BRAFF583FNIFLHEDLTV	125	>BRAFF583FNIFLHEDLTV	125	0
>BRAFF583FNIFLHEDLTV	99	>BRAFF583FNIFLHEDLTV	99	0
>BRAFF583FNIFLHEDLTV	155	>BRAFF583FNIFLHEDLTV	155	0
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>BRAFF583FNIFLHEDLTV	473	>BRAFF583FNIFLHEDLTV	473	0
>BRAFF583FNIFLHEDLTV	225	>BRAFF583FNIFLHEDLTV	225	0
>BRAFF583FNIFLHEDLTV	333	>BRAFF583FNIFLHEDLTV	333	0
>BRAFF583FNIFLHEDLTV	61	>BRAFF583FNIFLHEDLTV	61	0
>BRAFF583FKSNNIFLH	330	>BRAFF583FKSNNIFLH	330	0
>BRAFF583FKSNNIFLH	129	>BRAFF583FKSNNIFLH	129	0

>BRAFF583FKSNNIFLH	68	>BRAFF583FKSNNIFLH	68	0
>BRAFF583FKSNNIFLHEDI	30	>BRAFF583FKSNNIFLHEDI	30	0
>BRAFF583FKSNNIFLHEDI	370	>BRAFF583FKSNNIFLHEDI	370	0
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>BRAFF583FHRDLKSNNIF	86	>BRAFF583FHRDLKSNNIF	86	0
>BRAFF583FHRDLKSNNIF	129	>BRAFF583FHRDLKSNNIF	129	0
>BRAFF583FHRDLKSNNIF	210	>BRAFF583FHRDLKSNNIF	210	0
>BRAFF595L FGLATVKSRW	98	>BRAFF595L LGLATVKSRW	97	1
>BRAFF595L FGLATVKSRW	499	>BRAFF595L LGLATVKSRW	141	358
>BRAFF595L FGLATVKSRW	45	>BRAFF595L LGLATVKSRW	34	11
>BRAFF595L FGLATVKSRW	215	>BRAFF595L LGLATVKSRW	642	427
>BRAFF595L DFGLATVKSR	205	>BRAFF595L DLGLATVKSR	1093	888
>BRAFF595L DFGLATVKSR	246	>BRAFF595L DLGLATVKSR	1090	844
>BRAFF595L HEDLTVKIGD	858	>BRAFF595L HEDLTVKIGD	214	644
>BRAFF595L HEDLTVKIGD	1487	>BRAFF595L HEDLTVKIGD	118	1369
>BRAFF595L HEDLTVKIGD	888	>BRAFF595L HEDLTVKIGD	182	706
>BRAFF595L GDFGLATV	393	>BRAFF595L GDLGLATV	1559	1166
>BRAFF595L GDFGLATV	594	>BRAFF595L GDLGLATV	206	388
>BRAFF595L GDFGLATV	227	>BRAFF595L GDLGLATV	128	99
>BRAFF595L IGDFGLATV	253	>BRAFF595L IGDGLATV	267	14
>BRAFF595L KIGDFGLATV	53	>BRAFF595L KIGDLGLATV	88	35
>BRAFF595L KIGDFGLATV	34	>BRAFF595L KIGDLGLATV	78	44
>BRAFF595L KIGDFGLATV	12	>BRAFF595L KIGDLGLATV	18	6
>BRAFF595L KIGDFGLATV	59	>BRAFF595L KIGDLGLATV	74	15
>BRAFF595L KIGDFGLATV	4	>BRAFF595L KIGDLGLATV	7	3
>BRAFF595L KIGDFGLATV	15	>BRAFF595L KIGDLGLATV	18	3
>BRAFF595L KIGDFGLATV	16	>BRAFF595L KIGDLGLATV	15	1
>BRAFF595L KIGDFGLATV	30	>BRAFF595L KIGDLGLATV	48	18
>BRAFF595L KIGDFGLATV	4	>BRAFF595L KIGDLGLATV	4	0
>BRAFF595L KIGDFGLATV	129	>BRAFF595L KIGDLGLATV	173	44
>BRAFF595L KIGDFGLATV	57	>BRAFF595L KIGDLGLATV	98	41
>BRAFF595L KIGDFGLATV	132	>BRAFF595L KIGDLGLATV	304	172
>BRAFF595L VKIGDFGLAT	144	>BRAFF595L VKIGDLGLAT	187	43
>BRAFF595L LTVKIGDFGL	354	>BRAFF595L LTVKIGDLGL	500	146
>BRAFF595L LTVKIGDF	154	>BRAFF595L LTVKIGDL	1404	1250
>BRAFF595L LTVKIGDFGL	229	>BRAFF595L LTVKIGDLGL	482	253
>BRAFF595L LTVKIGDF	13	>BRAFF595L LTVKIGDL	146	133
>BRAFF595L LTVKIGDFGL	24	>BRAFF595L LTVKIGDLGL	24	0
>BRAFF595L LTVKIGDFGL	424	>BRAFF595L LTVKIGDLGL	763	339



>BRAFF595L LTVKIGDF	118	>BRAFF595L LTVKIGDL	624	506
>BRAFF595L LTVKIGDFGL	380	>BRAFF595L LTVKIGDLGL	407	27
>BRAFF595L DLTVKIGDFG	205	>BRAFF595L DLTVKIGDLG	475	270
>BRAFF595S FGLATVKSRM	98	>BRAFF595S SGLATVKSRM	275	177
>BRAFF595S FGLATVKSRM	499	>BRAFF595S SGLATVKSRM	430	69
>BRAFF595S FGLATVKSRM	45	>BRAFF595S SGLATVKSRM	220	175
>BRAFF595S FGLATVKSRM	215	>BRAFF595S SGLATVKSRM	2757	2542
>BRAFF595S FGLATVKSR	756	>BRAFF595S SGLATVKSR	476	280
>BRAFF595S DFGLATVKSR	205	>BRAFF595S DSGLATVKSR	2117	1912
>BRAFF595S DFGLATVKSR	246	>BRAFF595S DSGLATVKSR	3813	3567
>BRAFF595S GDFGLATV	393	>BRAFF595S GDSGLATV	5422	5029
>BRAFF595S GDFGLATV	227	>BRAFF595S GDSGLATV	251	24
>BRAFF595S IGDFGLATV	253	>BRAFF595S IGDSGLATV	163	90
>BRAFF595S IGDFGLATV	816	>BRAFF595S IGDSGLATV	413	403
>BRAFF595S KIGDFGLATV	53	>BRAFF595S KIGDSGLATV	154	101
>BRAFF595S KIGDFGLATV	34	>BRAFF595S KIGDSGLATV	76	42
>BRAFF595S KIGDFGLATV	12	>BRAFF595S KIGDSGLATV	22	10
>BRAFF595S KIGDFGLATV	59	>BRAFF595S KIGDSGLATV	124	65
>BRAFF595S KIGDFGLATV	4	>BRAFF595S KIGDSGLATV	7	3
>BRAFF595S KIGDFGLATV	15	>BRAFF595S KIGDSGLATV	14	1
>BRAFF595S KIGDFGLATV	16	>BRAFF595S KIGDSGLATV	16	0
>BRAFF595S KIGDFGLATV	30	>BRAFF595S KIGDSGLATV	37	7
>BRAFF595S KIGDFGLATV	4	>BRAFF595S KIGDSGLATV	3	1
>BRAFF595S KIGDFGLATV	129	>BRAFF595S KIGDSGLATV	113	16
>BRAFF595S KIGDFGLATV	57	>BRAFF595S KIGDSGLATV	86	29
>BRAFF595S KIGDFGLATV	132	>BRAFF595S KIGDSGLATV	630	498
>BRAFF595S VKIGDFGLAT	144	>BRAFF595S VKIGDSGLAT	352	208
>BRAFF595S LTVKIGDFGL	354	>BRAFF595S LTVKIGDSGL	1234	880
>BRAFF595S LTVKIGDF	154	>BRAFF595S LTVKIGDS	21384	21230
>BRAFF595S LTVKIGDFGL	229	>BRAFF595S LTVKIGDSGL	411	182
>BRAFF595S LTVKIGDF	13	>BRAFF595S LTVKIGDS	15642	15629
>BRAFF595S LTVKIGDFGL	24	>BRAFF595S LTVKIGDSGL	19	5
>BRAFF595S LTVKIGDFGL	424	>BRAFF595S LTVKIGDSGL	1120	696
>BRAFF595S LTVKIGDF	118	>BRAFF595S LTVKIGDS	12543	12425
>BRAFF595S LTVKIGDFGL	380	>BRAFF595S LTVKIGDSGL	434	54
>BRAFF595S DLTVKIGDFG	205	>BRAFF595S DLTVKIGDSG	383	178
>BRAFF610S FEQLSGSI	4	>BRAFF610S SEQLSGSI	4	0
>BRAFF610S FEQLSGSIL	177	>BRAFF610S SEQLSGSIL	352	175
>BRAFF610S FEQLSGSILW	377	>BRAFF610S SEQLSGSILW	714	337
>BRAFF610S FEQLSGSILW	129	>BRAFF610S SEQLSGSILW	249	120
>BRAFF610S FEQLSGSIL	436	>BRAFF610S SEQLSGSIL	3102	2666
>BRAFF610S FEQLSGSI	277	>BRAFF610S SEQLSGSI	737	460
>BRAFF610S FEQLSGSIL	34	>BRAFF610S SEQLSGSIL	95	61

>BRAFF610SFEQLSGSILW	243	>BRAFF610SSEQLSGSILW	682	439
>BRAFF610SFEQLSGSI	176	>BRAFF610SSEQLSGSI	380	204
>BRAFF610SFEQLSGSIL	71	>BRAFF610SSEQLSGSIL	157	86
>BRAFF610SFEQLSGSILW	385	>BRAFF610SSEQLSGSILW	680	295
>BRAFF610SFEQLSGSILW	72	>BRAFF610SSEQLSGSILW	13	59
>BRAFF610SFEQLSGSILW	1030	>BRAFF610SSEQLSGSILW	439	591
>BRAFF610SFEQLSGSILW	288	>BRAFF610SSEQLSGSILW	39	249
>BRAFF610SFEQLSGSILW	1115	>BRAFF610SSEQLSGSILW	423	692
>BRAFF610SFEQLSGSI	3870	>BRAFF610SSEQLSGSI	320	3550
>BRAFF610SFEQLSGSILW	2532	>BRAFF610SSEQLSGSILW	219	2313
>BRAFF610SFEQLSGSI	36	>BRAFF610SSEQLSGSI	184	148
>BRAFF610SFEQLSGSIL	81	>BRAFF610SSEQLSGSIL	224	143
>BRAFF610SFEQLSGSILW	217	>BRAFF610SSEQLSGSILW	1481	1264
>BRAFF610SFEQLSGSILW	311	>BRAFF610SSEQLSGSILW	5228	4917
>BRAFF610SQFEQLSGSI	496	>BRAFF610SQSEQLSGSI	9700	9204
>BRAFF610SQFEQLSGSIL	26033	>BRAFF610SQSEQLSGSIL	134	25899
>BRAFF610SQFEQLSGSIL\	9792	>BRAFF610SQSEQLSGSIL\	14	9778
>BRAFF610SQFEQLSGSIL\	9379	>BRAFF610SQSEQLSGSIL\	152	9227
>BRAFF610SQFEQLSGSIL\	8790	>BRAFF610SQSEQLSGSIL\	482	8308
>BRAFF610SQFEQLSGSI	7615	>BRAFF610SQSEQLSGSI	41	7574
>BRAFF610SQFEQLSGSIL	6122	>BRAFF610SQSEQLSGSIL	33	6089
>BRAFF610SVKSRWWSGSH	9	>BRAFF610SVKSRWWSGSH	7532	7523
>BRAFF610SHQFEQLSGSI	34	>BRAFF610SHQSEQLSGSI	149	115
>BRAFF610SHQFEQLSGSI	256	>BRAFF610SHQSEQLSGSI	429	173
>BRAFF610SHQFEQLSGSI	308	>BRAFF610SHQSEQLSGSI	838	530
>BRAFF610SHQFEQLSGSI	196	>BRAFF610SHQSEQLSGSI	308	112
>BRAFF610SHQFEQLSGS	121	>BRAFF610SHQSEQLSGS	572	451
>BRAFF610SHQFEQLSGSI	89	>BRAFF610SHQSEQLSGSI	311	222
>BRAFF610SHQFEQLSGSI	412	>BRAFF610SHQSEQLSGSI	4583	4171
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>BRAFF610SHQFEQLSGSI	442	>BRAFF610SHQSEQLSGSI	5770	5328
>BRAFF610SHQFEQLSGSI	185	>BRAFF610SHQSEQLSGSI	503	318
>BRAFF610SHQFEQLSGSI	183	>BRAFF610SHQSEQLSGSI	519	336
>BRAFF610SHQFEQLSGSI	157	>BRAFF610SHQSEQLSGSI	912	755
>BRAFF610SHQFEQLSGSI	70	>BRAFF610SHQSEQLSGSI	573	503
>BRAFF610SHQFEQLSGSI	8	>BRAFF610SHQSEQLSGSI	54	46
>BRAFF610SHQFEQLSGSI	195	>BRAFF610SHQSEQLSGSI	509	314
>BRAFF610SHQFEQLSGSI	16	>BRAFF610SHQSEQLSGSI	24	8
>BRAFF610SHQFEQLSGSI	388	>BRAFF610SHQSEQLSGSI	1419	1031
>BRAFF610SHQFEQLSGSI	485	>BRAFF610SHQSEQLSGSI	5961	5476
>BRAFF610SHQFEQLSGSI	111	>BRAFF610SHQSEQLSGSI	358	247
>BRAFF610SHQFEQLSGS	1354	>BRAFF610SHQSEQLSGS	395	959
>BRAFF610SGSHQFEQL	406	>BRAFF610SGSHQSEQL	21277	20871

>BRAFF610SGSHQFEQL	240	>BRAFF610SGSHQSEQL	37	203
>BRAFF610SWGSHQFEC	796	>BRAFF610SWGSHQSEQ	303	493
>BRAFF610SWGSHQFEC	865	>BRAFF610SWGSHQSEQ	218	647
>BRAFF610RWSGSHQF	60	>BRAFF610RWSGSHQS	25107	25047
>BRAFF610RWSGSHQF	78	>BRAFF610RWSGSHQS	12654	12576
>BRAFF610RWSGSHQFE	328	>BRAFF610RWSGSHQSE	614	286
>BRAFF610RWSGSHQF	6	>BRAFF610RWSGSHQS	3501	3495
>BRAFF610RWSGSHQFE	14	>BRAFF610RWSGSHQSE	24	10
>BRAFF610RWSGSHQF	144	>BRAFF610RWSGSHQS	463	319
>BRAFF610RWSGSHQFE	57	>BRAFF610RWSGSHQSE	268	211
>BRAFF610RWSGSHQFE	116	>BRAFF610RWSGSHQSE	195	79
>BRAFF610SRWSGSHQF	8	>BRAFF610SRWSGSHQS	3921	3913
>BRAFF610SRWSGSHQF	37	>BRAFF610SRWSGSHQS	156	119
>BRAFF610SRWSGSHQF	327	>BRAFF610SRWSGSHQS	609	282
>BRAFF610SRWSGSHQF	1515	>BRAFF610SRWSGSHQS	438	1077
>BRAFF610SRWSGSHQF	698	>BRAFF610SRWSGSHQS	455	243
>BRAFF610SRWSGSHQF	147	>BRAFF610SRWSGSHQS	3002	2855
>BRAFF610KSRWSGSHQ	44	>BRAFF610KSRWSGSHQ	19	25
>BRAFF610KSRWSGSHQ	23	>BRAFF610KSRWSGSHQ	48	25
>BRAFF610KSRWSGSHQ	93	>BRAFF610KSRWSGSHQ	14041	13948
>BRAFF610KSRWSGSHQ	14	>BRAFF610KSRWSGSHQ	7503	7489
>BRAFF610KSRWSGSHQ	2	>BRAFF610KSRWSGSHQ	88	86
>BRAFF610KSRWSGSHQ	186	>BRAFF610KSRWSGSHQ	125	61
>BRAFF610KSRWSGSHQ	73	>BRAFF610KSRWSGSHQ	8038	7965
>BRAFF610KSRWSGSHQ	24	>BRAFF610KSRWSGSHQ	13516	13492
>BRAFF610KSRWSGSHQ	72	>BRAFF610KSRWSGSHQ	11891	11819
>BRAFG421'KSPGPQRER	822	>BRAFG421'KSPVPQRER	371	451
>BRAFG421'LQKSPGPQR	62	>BRAFG421'LQKSPVPQR	37	25
>BRAFG421'LQKSPGPQRE	80	>BRAFG421'LQKSPVPQRE	54	26
>BRAFG421'LQKSPGPQ	368	>BRAFG421'LQKSPVPQ	269	99
>BRAFG421'LQKSPGPQ	921	>BRAFG421'LQKSPVPQ	215	706
>BRAFG421'LQKSPGPQR	200	>BRAFG421'LQKSPVPQR	236	36
>BRAFG421'LQKSPGPQRE	286	>BRAFG421'LQKSPVPQRE	253	33
>BRAFG421'ALQKSPGPQF	438	>BRAFG421'ALQKSPVPQF	155	283
>BRAFG421'KALQKSPG	19579	>BRAFG421'KALQKSPV	172	19407
>BRAFG421'KALQKSPG	25155	>BRAFG421'KALQKSPV	168	24987
>BRAFG421'KALQKSPG	24423	>BRAFG421'KALQKSPV	394	24029
>BRAFG421'KALQKSPG	2885	>BRAFG421'KALQKSPV	476	2409
>BRAFG421'KALQKSPGPC	64	>BRAFG421'KALQKSPVPC	46	18
>BRAFG421'KALQKSPG	7203	>BRAFG421'KALQKSPV	299	6904
>BRAFG421'KALQKSPGPC	158	>BRAFG421'KALQKSPVPC	108	50
>BRAFG421'VKALQKSPG	12222	>BRAFG421'VKALQKSPV	389	11833
>BRAFG421'NVKALQKSPC	24091	>BRAFG421'NVKALQKSPV	365	23726

>BRAFG421'NVKALQKSPC	31233	>BRAFG421'NVKALQKSP\	288	30945
>BRAFG464IGSGSFGTVYK	46	>BRAFG464IESGSFGTVYK	178	132
>BRAFG464IGSGSFGTVYK	25	>BRAFG464IESGSFGTVYK	98	73
>BRAFG464IGSGSFGTVY	14994	>BRAFG464IESGSFGTVY	362	14632
>BRAFG464IGSGSFGTVY	16077	>BRAFG464IESGSFGTVY	392	15685
>BRAFG464IGSGSFGTVY	172	>BRAFG464IESGSFGTVY	636	464
>BRAFG464IGSGSFGTVYK	212	>BRAFG464IESGSFGTVYK	21	191
>BRAFG464IGSGSFGTV	17323	>BRAFG464IESGSFGTV	211	17112
>BRAFG464IGSGSFGTV	10225	>BRAFG464IESGSFGTV	84	10141
>BRAFG464IGSGSFGTVY	86	>BRAFG464IESGSFGTVY	244	158
>BRAFG464IGSGSFGTVY	197	>BRAFG464IESGSFGTVY	257	60
>BRAFG464IGSGSFGTVY	154	>BRAFG464IESGSFGTVY	565	411
>BRAFG464IGSGSFGTVY	4	>BRAFG464IESGSFGTVY	28	24
>BRAFG464IGSGSFGTVYK	241	>BRAFG464IESGSFGTVYK	1103	862
>BRAFG464IGSGSFGTV	24255	>BRAFG464IESGSFGTV	283	23972
>BRAFG464IGSGSFGTVYI	304	>BRAFG464IESGSFGTVYk	2681	2377
>BRAFG464IGSGSFGTVYI	214	>BRAFG464IESGSFGTVYk	3272	3058
>BRAFG464IGSGSFGTVY	96	>BRAFG464IESGSFGTVY	165	69
>BRAFG464IGSGSFGTVY	370	>BRAFG464IESGSFGTVY	579	209
>BRAFG464IGSGSFGTVY	146	>BRAFG464IESGSFGTVY	125	21
>BRAFG464IGSGSFGTVY	653	>BRAFG464IESGSFGTVY	123	530
>BRAFG464IGSGSFGTVY	31753	>BRAFG464IESGSFGTVY	236	31517
>BRAFG464IGSGSFGTV	20067	>BRAFG464IESGSFGTV	14	20053
>BRAFG464IGSGSFGTVY	33266	>BRAFG464IESGSFGTVY	428	32838
>BRAFG464IGSGSFGT	39684	>BRAFG464IESGSFGT	285	39399
>BRAFG464IGSGSFGTV	40456	>BRAFG464IESGSFGTV	179	40277
>BRAFG464IGSGSFGTV	32069	>BRAFG464IESGSFGTV	88	31981
>BRAFG464RIGSGSFGTV	163	>BRAFG464RIESGSFGTV	489	326
>BRAFG464RIGSGSFGTV	31	>BRAFG464RIESGSFGTV	73	42
>BRAFG464RIGSGSFGTV	19	>BRAFG464RIESGSFGTV	165	146
>BRAFG464RIGSGSFGTV	163	>BRAFG464RIESGSFGTV	812	649
>BRAFG464RIGSGSFGTV	69	>BRAFG464RIESGSFGTV	955	886
>BRAFG464RIGSGSFGTV	256	>BRAFG464RIESGSFGTV	3026	2770
>BRAFG464RIGSGSFGTV	14	>BRAFG464RIESGSFGTV	32	18
>BRAFG464RIGSGSFGTV'	468	>BRAFG464RIESGSFGTV\	2537	2069
>BRAFG464RIGSGSFGTV'	215	>BRAFG464RIESGSFGTV\	724	509
>BRAFG464RIGSGSFGTV'	61	>BRAFG464RIESGSFGTV\	81	20
>BRAFG464RIGSGSFGTV	327	>BRAFG464RIESGSFGTV	529	202
>BRAFG464RIGSGSFGTV'	30	>BRAFG464RIESGSFGTV\	205	175
>BRAFG464RIGSGSFGTV'	50	>BRAFG464RIESGSFGTV\	154	104
>BRAFG464RIGSGSFGTV'	451	>BRAFG464RIESGSFGTV\	996	545
>BRAFG464RIGSGSFGTV'	451	>BRAFG464RIESGSFGTV\	177	274
>BRAFG464RIGSGSFGTV'	77	>BRAFG464RIESGSFGTV\	35	42

>BRAFG464IRIGSGSFGTV	933	>BRAFG464IRIESGSFGTV	331	602
>BRAFG464IQRIGSGSF	52	>BRAFG464IQRIESGSF	22	30
>BRAFG464IQRIGSGSFGT	804	>BRAFG464IQRIESGSFGT	356	448
>BRAFG464IQRIGSGSF	235	>BRAFG464IQRIESGSF	382	147
>BRAFG464IGQRIGSGSF	30	>BRAFG464IGQRIESGSF	38	8
>BRAFG464IGQRIGSGSF	56	>BRAFG464IGQRIESGSF	628	572
>BRAFG464IGQRIGSGSF	22	>BRAFG464IGQRIESGSF	27	5
>BRAFG464IVGQRIGSGSF	498	>BRAFG464IVGQRIESGSF	1898	1400
>BRAFG464IVGQRIGSGSF	74	>BRAFG464IVGQRIESGSF	101	27
>BRAFG464ITVGQRIGSGS	183	>BRAFG464ITVGQRIESGS	222	39
>BRAFG464IGSGSFGTVYK	46	>BRAFG464IRSGSFGTVYK	19	27
>BRAFG464IGSGSFGTVYK	25	>BRAFG464IRSGSFGTVYK	17	8
>BRAFG464IGSGSFGTVYK	1110	>BRAFG464IRSGSFGTVYK	23	1087
>BRAFG464IGSGSFGTVY	172	>BRAFG464IRSGSFGTVY	73	99
>BRAFG464IGSGSFGTVYK	2531	>BRAFG464IRSGSFGTVYK	198	2333
>BRAFG464IGSGSFGTVYK	212	>BRAFG464IRSGSFGTVYK	143	69
>BRAFG464IGSGSFGTVY	5454	>BRAFG464IRSGSFGTVY	143	5311
>BRAFG464IGSGSFGTVY	86	>BRAFG464IRSGSFGTVY	45	41
>BRAFG464IGSGSFGTVY	197	>BRAFG464IRSGSFGTVY	14	183
>BRAFG464IGSGSFGTVY	154	>BRAFG464IRSGSFGTVY	8	146
>BRAFG464IGSGSFGTVY	8433	>BRAFG464IRSGSFGTVY	308	8125
>BRAFG464IGSGSFGTVY	8316	>BRAFG464IRSGSFGTVY	94	8222
>BRAFG464IGSGSFGTV	6073	>BRAFG464IRSGSFGTV	177	5896
>BRAFG464IGSGSFGTVY	4	>BRAFG464IRSGSFGTVY	4	0
>BRAFG464IGSGSFGTVYK	1953	>BRAFG464IRSGSFGTVYK	265	1688
>BRAFG464IGSGSFGTVYK	241	>BRAFG464IRSGSFGTVYK	584	343
>BRAFG464IGSGSFGTVYK	5213	>BRAFG464IRSGSFGTVYK	255	4958
>BRAFG464IGSGSFGTV	2168	>BRAFG464IRSGSFGTV	214	1954
>BRAFG464IGSGSFGTVYI	304	>BRAFG464IRSGSFGTVYI	10774	10470
>BRAFG464IGSGSFGTVYI	214	>BRAFG464IRSGSFGTVYI	4962	4748
>BRAFG464IGSGSFGTVY	96	>BRAFG464IRSGSFGTVY	153	57
>BRAFG464IGSGSFGTVY	370	>BRAFG464IRSGSFGTVY	836	466
>BRAFG464IGSGSFGTVY	146	>BRAFG464IRSGSFGTVY	2514	2368
>BRAFG464IGSGSFGTVY	653	>BRAFG464IRSGSFGTVY	35	618
>BRAFG464IGSGSFGTVY	27560	>BRAFG464IRSGSFGTVY	119	27441
>BRAFG464IGSGSFGTVYI	24710	>BRAFG464IRSGSFGTVYI	383	24327
>BRAFG464IRIGSGSFGTV	163	>BRAFG464IRIRSGSFGTV	454	291
>BRAFG464IRIGSGSFGTV	31	>BRAFG464IRIRSGSFGTV	37	6
>BRAFG464IRIGSGSFGTV	19	>BRAFG464IRIRSGSFGTV	154	135
>BRAFG464IRIGSGSFGTV	163	>BRAFG464IRIRSGSFGTV	1906	1743
>BRAFG464IRIGSGSFGTV	69	>BRAFG464IRIRSGSFGTV	978	909
>BRAFG464IRIGSGSFGTV	256	>BRAFG464IRIRSGSFGTV	3471	3215
>BRAFG464IRIGSGSFGTV	14	>BRAFG464IRIRSGSFGTV	25	11

>BRAFG464IRIGSGSFGTV'	468	>BRAFG464IRIRSGSFGTV'	168	300
>BRAFG464IRIGSGSFGTV'	215	>BRAFG464IRIRSGSFGTV'	410	195
>BRAFG464IRIGSGSFG	5377	>BRAFG464IRIRSGSFG	11	5366
>BRAFG464IRIGSGSFGT	11982	>BRAFG464IRIRSGSFGT	44	11938
>BRAFG464IRIGSGSFGTV	3415	>BRAFG464IRIRSGSFGTV	6	3409
>BRAFG464IRIGSGSFGTV'	9259	>BRAFG464IRIRSGSFGTV'	29	9230
>BRAFG464IRIGSGSFGTV'	61	>BRAFG464IRIRSGSFGTV'	72	11
>BRAFG464IRIGSGSFGTV	327	>BRAFG464IRIRSGSFGTV	439	112
>BRAFG464IRIGSGSFGTV'	30	>BRAFG464IRIRSGSFGTV'	149	119
>BRAFG464IRIGSGSFGTV'	50	>BRAFG464IRIRSGSFGTV'	38	12
>BRAFG464IRIGSGSFGTV'	726	>BRAFG464IRIRSGSFGTV'	189	537
>BRAFG464IRIGSGSFGTV'	451	>BRAFG464IRIRSGSFGTV'	41	410
>BRAFG464IRIGSGSFGTV'	451	>BRAFG464IRIRSGSFGTV'	14	437
>BRAFG464IRIGSGSFGTV'	77	>BRAFG464IRIRSGSFGTV'	13	64
>BRAFG464IRIGSGSF	52	>BRAFG464IRIRSGSF	19	33
>BRAFG464IRIGSGSFGT	804	>BRAFG464IRIRSGSFGT'	260	544
>BRAFG464IRIGSGSF	235	>BRAFG464IRIRSGSF	203	32
>BRAFG464IRIGSGSFGT	521	>BRAFG464IRIRSGSFGT'	495	26
>BRAFG464IRIGSGSFGT	1501	>BRAFG464IRIRSGSFGT'	473	1028
>BRAFG464IGRIGSGSF	30	>BRAFG464IGRIRSGSF	34	4
>BRAFG464IGRIGSGSF	56	>BRAFG464IGRIRSGSF	216	160
>BRAFG464IGRIGSGSF	22	>BRAFG464IGRIRSGSF	35	13
>BRAFG464IVGQRIGSGSF	498	>BRAFG464IVGQRIRSGSF	1178	680
>BRAFG464IVGQRIGSGSF	74	>BRAFG464IVGQRIRSGSF	107	33
>BRAFG464ITVGQRIGSGS	183	>BRAFG464ITVGQRIRSGS	266	83
>BRAFG464ITVGQRIG	23336	>BRAFG464ITVGQRIR	247	23089
>BRAFG464ITVGQRIG	30799	>BRAFG464ITVGQRIR	62	30737
>BRAFG464'GSGSFGTV	8452	>BRAFG464'VSGSFGTV	247	8205
>BRAFG464'GSGSFGTVYK	46	>BRAFG464'VSGSFGTVYK	42	4
>BRAFG464'GSGSFGTVYK	25	>BRAFG464'VSGSFGTVYK	23	2
>BRAFG464'GSGSFGTVY	172	>BRAFG464'VSGSFGTVY	63	109
>BRAFG464'GSGSFGTVYK	212	>BRAFG464'VSGSFGTVYK	132	80
>BRAFG464'GSGSFGTVY	5454	>BRAFG464'VSGSFGTVY	408	5046
>BRAFG464'GSGSFGTVY	86	>BRAFG464'VSGSFGTVY	70	16
>BRAFG464'GSGSFGTVY	197	>BRAFG464'VSGSFGTVY	40	157
>BRAFG464'GSGSFGTVY	154	>BRAFG464'VSGSFGTVY	25	129
>BRAFG464'GSGSFGTVY	4	>BRAFG464'VSGSFGTVY	6	2
>BRAFG464'GSGSFGTVYK	241	>BRAFG464'VSGSFGTVYK	860	619
>BRAFG464'IGSGSFGTV	4459	>BRAFG464'IVSGSFGTV	238	4221
>BRAFG464'IGSGSFGTV	4618	>BRAFG464'IVSGSFGTV	24	4594
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>BRAFG464'IGSGSFGTV	1515	>BRAFG464'IVSGSFGTV	30	1485
>BRAFG464'IGSGSFGTV	6241	>BRAFG464'IVSGSFGTV	141	6100

>BRAFG464IGSGSFGTV	4709	>BRAFG464IVSGSFGTV	9	4700
>BRAFG464IGSGSFGTVYI	304	>BRAFG464IVSGSFGTVYI	36	268
>BRAFG464IGSGSFGTVY	24788	>BRAFG464IVSGSFGTVY	378	24410
>BRAFG464IGSGSFGTVYI	214	>BRAFG464IVSGSFGTVYI	10	204
>BRAFG464IGSGSFGTVY	96	>BRAFG464IVSGSFGTVY	42	54
>BRAFG464IGSGSFGTVYI	1229	>BRAFG464IVSGSFGTVYI	56	1173
>BRAFG464IGSGSFGTVY	370	>BRAFG464IVSGSFGTVY	146	224
>BRAFG464IGSGSFGTVYI	4088	>BRAFG464IVSGSFGTVYI	323	3765
>BRAFG464IGSGSFGTVYI	762	>BRAFG464IVSGSFGTVYI	18	744
>BRAFG464IGSGSFGTV	5167	>BRAFG464IVSGSFGTV	56	5111
>BRAFG464IGSGSFGTVY	146	>BRAFG464IVSGSFGTVY	62	84
>BRAFG464IGSGSFGTVY	675	>BRAFG464IVSGSFGTVY	246	429
>BRAFG464IGSGSFGTVY	653	>BRAFG464IVSGSFGTVY	354	299
>BRAFG464IGSGSFGTVY	554	>BRAFG464IVSGSFGTVY	98	456
>BRAFG464IGSGSFGTV	1320	>BRAFG464IVSGSFGTV	395	925
>BRAFG464IGSGSFGTVY	1246	>BRAFG464IVSGSFGTVY	211	1035
>BRAFG464RIGSGSFGTV	163	>BRAFG464RIVSGSFGTV	133	30
>BRAFG464RIGSGSFGTV	31	>BRAFG464RIVSGSFGTV	19	12
>BRAFG464RIGSGSFGT	1267	>BRAFG464RIVSGSFGT	66	1201
>BRAFG464RIGSGSFGTV	617	>BRAFG464RIVSGSFGTV	135	482
>BRAFG464RIGSGSFGTV	19	>BRAFG464RIVSGSFGTV	20	1
>BRAFG464RIGSGSFGTV	163	>BRAFG464RIVSGSFGTV	183	20
>BRAFG464RIGSGSFGTV	69	>BRAFG464RIVSGSFGTV	117	48
>BRAFG464RIGSGSFGTV	256	>BRAFG464RIVSGSFGTV	696	440
>BRAFG464RIGSGSFGTV	14	>BRAFG464RIVSGSFGTV	13	1
>BRAFG464RIGSGSFGTV'	468	>BRAFG464RIVSGSFGTV'	543	75
>BRAFG464RIGSGSFGTV'	6717	>BRAFG464RIVSGSFGTV'	469	6248
>BRAFG464RIGSGSFGTV'	215	>BRAFG464RIVSGSFGTV'	146	69
>BRAFG464RIGSGSFGTV'	61	>BRAFG464RIVSGSFGTV'	66	5
>BRAFG464RIGSGSFGTV	327	>BRAFG464RIVSGSFGTV	53	274
>BRAFG464RIGSGSFGTV	1260	>BRAFG464RIVSGSFGTV	431	829
>BRAFG464RIGSGSFGTV'	30	>BRAFG464RIVSGSFGTV'	76	46
>BRAFG464RIGSGSFGTV'	50	>BRAFG464RIVSGSFGTV'	46	4
>BRAFG464RIGSGSFGTV'	726	>BRAFG464RIVSGSFGTV'	397	329
>BRAFG464RIGSGSFGTV'	451	>BRAFG464RIVSGSFGTV'	93	358
>BRAFG464RIGSGSFGTV'	451	>BRAFG464RIVSGSFGTV'	20	431
>BRAFG464RIGSGSFGTV'	2389	>BRAFG464RIVSGSFGTV'	477	1912
>BRAFG464RIGSGSFGTV'	77	>BRAFG464RIVSGSFGTV'	27	50
>BRAFG464RIGSGSFGTV'	2149	>BRAFG464RIVSGSFGTV'	196	1953
>BRAFG464QRIGSGSF	52	>BRAFG464QRIVSGSF	22	30
>BRAFG464QRIGSGSFGT	804	>BRAFG464QRIVSGSFGT	331	473
>BRAFG464QRIGSGSF	235	>BRAFG464QRIVSGSF	277	42
>BRAFG464QRIGSGSFGT	1501	>BRAFG464QRIVSGSFGT	477	1024

>BRAFG464'GQRIGSGSF	30	>BRAFG464'GQRIVSGSF	34	4
>BRAFG464'GQRIGSGSF	56	>BRAFG464'GQRIVSGSF	290	234
>BRAFG464'GQRIGSGSF	22	>BRAFG464'GQRIVSGSF	41	19
>BRAFG464'VGQRIGSGSF	498	>BRAFG464'VGQRIVSGSF	610	112
>BRAFG464'VGQRIGSGSF	74	>BRAFG464'VGQRIVSGSF	87	13
>BRAFG464'TVGQRIGSGS	183	>BRAFG464'TVGQRIVSGS	190	7
>BRAFG466,GSFGTVYK	62	>BRAFG466,ASFGTVYK	49	13
>BRAFG466,GSFGTVYK GK	119	>BRAFG466,ASFGTVYK GK	52	67
>BRAFG466,GSFGTVYK	6	>BRAFG466,ASFGTVYK	6	0
>BRAFG466,GSFGTVYK GK	39	>BRAFG466,ASFGTVYK GK	17	22
>BRAFG466,GSFGTVYK	37	>BRAFG466,ASFGTVYK	9	28
>BRAFG466,GSFGTVYK GK	338	>BRAFG466,ASFGTVYK GK	34	304
>BRAFG466,GSFGTVYK	89	>BRAFG466,ASFGTVYK	51	38
>BRAFG466,GSFGTVYK GK	1501	>BRAFG466,ASFGTVYK GK	483	1018
>BRAFG466,GSFGTVYK G	1560	>BRAFG466,ASFGTVYK G	397	1163
>BRAFG466,GSFGTVYK GK	1206	>BRAFG466,ASFGTVYK GK	441	765
>BRAFG466,GSFGTVYK	25	>BRAFG466,ASFGTVYK	23	2
>BRAFG466,GSFGTVYK GK	645	>BRAFG466,ASFGTVYK GK	243	402
>BRAFG466,GSFGTVYK GK	9	>BRAFG466,ASFGTVYK GK	5	4
>BRAFG466,GSFGTVYK GK	40	>BRAFG466,ASFGTVYK GK	42	2
>BRAFG466,GSFGTVYK GK	29	>BRAFG466,ASFGTVYK GK	23	6
>BRAFG466,GSFGTVYK GK	90	>BRAFG466,ASFGTVYK GK	249	159
>BRAFG466,GSFGTVYK GK	103	>BRAFG466,ASFGTVYK GK	107	4
>BRAFG466,GSFGTVYK	74	>BRAFG466,ASFGTVYK	57	17
>BRAFG466,GSFGTVYK GK	141	>BRAFG466,ASFGTVYK GK	89	52
>BRAFG466,SGSFGTVYK	540	>BRAFG466,SASFGTVYK	97	443
>BRAFG466,SGSFGTVYK	41	>BRAFG466,SASFGTVYK	11	30
>BRAFG466,SGSFGTVYK G	638	>BRAFG466,SASFGTVYK G	59	579
>BRAFG466,SGSFGTVY	910	>BRAFG466,SASFGTVY	241	669
>BRAFG466,SGSFGTVYK	331	>BRAFG466,SASFGTVYK	40	291
>BRAFG466,SGSFGTVYK G	2582	>BRAFG466,SASFGTVYK G	467	2115
>BRAFG466,SGSFGTVY	89	>BRAFG466,SASFGTVY	81	8
>BRAFG466,SGSFGTVYK	2906	>BRAFG466,SASFGTVYK	344	2562
>BRAFG466,SGSFGTVYK	290	>BRAFG466,SASFGTVYK	12	278
>BRAFG466,SGSFGTVYK G	2574	>BRAFG466,SASFGTVYK G	101	2473
>BRAFG466,SGSFGTVY	226	>BRAFG466,SASFGTVY	116	110
>BRAFG466,SGSFGTVY	2849	>BRAFG466,SASFGTVY	476	2373
>BRAFG466,SGSFGTVY	2005	>BRAFG466,SASFGTVY	79	1926
>BRAFG466,SGSFGTVY	519	>BRAFG466,SASFGTVY	58	461
>BRAFG466,SGSFGTVYK	438	>BRAFG466,SASFGTVYK	182	256
>BRAFG466,SGSFGTVY	1669	>BRAFG466,GSASFGTVY	432	1237
>BRAFG466,SGSFGTVYK	46	>BRAFG466,GSASFGTVYK	30	16
>BRAFG466,SGSFGTVYK	25	>BRAFG466,GSASFGTVYK	11	14



>BRAFG466, GSGSFGTVY	584	>BRAFG466, GSASFGTVY	160	424
>BRAFG466, GSGSFGTVY	172	>BRAFG466, GSASFGTVY	51	121
>BRAFG466, GSGSFGTVYK	212	>BRAFG466, GSASFGTVYK	18	194
>BRAFG466, GSGSFGTVY	86	>BRAFG466, GSASFGTVY	62	24
>BRAFG466, GSGSFGTVY	197	>BRAFG466, GSASFGTVY	40	157
>BRAFG466, GSGSFGTVY	154	>BRAFG466, GSASFGTVY	18	136
>BRAFG466, GSGSFGTVY	4	>BRAFG466, GSASFGTVY	3	1
>BRAFG466, GSGSFGTVYK	241	>BRAFG466, GSASFGTVYK	104	137
>BRAFG466, IGSFSFGTVYI	304	>BRAFG466, IGSFSFGTVYI	187	117
>BRAFG466, IGSFSFGTVYI	214	>BRAFG466, IGSFSFGTVYI	130	84
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>BRAFG466, IGSFSFGTVY	370	>BRAFG466, IGSFSFGTVY	592	222
>BRAFG466, IGSFSFGTVY	146	>BRAFG466, IGSFSFGTVY	112	34
>BRAFG466, IGSFSFGTVY	653	>BRAFG466, IGSFSFGTVY	188	465
>BRAFG466, IGSFSFGTVY	554	>BRAFG466, IGSFSFGTVY	451	103
>BRAFG466, IGSFSFGTVY	1246	>BRAFG466, IGSFSFGTVY	319	927
>BRAFG466, RIGSFSFGTV	163	>BRAFG466, RIGSFSFGTV	214	51
>BRAFG466, RIGSFSFGTV	31	>BRAFG466, RIGSFSFGTV	32	1
>BRAFG466, RIGSFSFGTV	19	>BRAFG466, RIGSFSFGTV	28	9
>BRAFG466, RIGSFSFGTV	163	>BRAFG466, RIGSFSFGTV	168	5
>BRAFG466, RIGSFSFGTV	69	>BRAFG466, RIGSFSFGTV	84	15
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>BRAFG466, RIGSFSFGTV	14	>BRAFG466, RIGSFSFGTV	26	12
>BRAFG466, RIGSFSFGTV'	468	>BRAFG466, RIGSFSFGTV'	514	46
>BRAFG466, RIGSFSFGTV'	215	>BRAFG466, RIGSFSFGTV'	398	183
>BRAFG466, RIGSFSFGTV'	61	>BRAFG466, RIGSFSFGTV'	89	28
>BRAFG466, RIGSFSFGTV	327	>BRAFG466, RIGSFSFGTV	214	113
>BRAFG466, RIGSFSFGTV'	30	>BRAFG466, RIGSFSFGTV'	46	16
>BRAFG466, RIGSFSFGTV'	50	>BRAFG466, RIGSFSFGTV'	48	2
>BRAFG466, RIGSFSFGTV'	451	>BRAFG466, RIGSFSFGTV'	389	62
>BRAFG466, RIGSFSFGTV'	451	>BRAFG466, RIGSFSFGTV'	574	123
>BRAFG466, RIGSFSFGTV'	77	>BRAFG466, RIGSFSFGTV'	110	33
>BRAFG466, RIGSFSFGTV'	2149	>BRAFG466, RIGSFSFGTV'	472	1677
>BRAFG466, QRIGSGSF	52	>BRAFG466, QRIGSGSF	23	29
>BRAFG466, QRIGSGSF	235	>BRAFG466, QRIGSGSF	170	65
>BRAFG466, QRIGSGSFGT	521	>BRAFG466, QRIGSGSFGT	453	68
>BRAFG466, QRIGSGSF	2708	>BRAFG466, QRIGSGSF	467	2241
>BRAFG466, GQRIGSGSF	30	>BRAFG466, GQRIGSGSF	29	1
>BRAFG466, GQRIGSGSF	56	>BRAFG466, GQRIGSGSF	72	16
>BRAFG466, GQRIGSGSF	22	>BRAFG466, GQRIGSGSF	6	16
>BRAFG466, GQRIGSGSF	1109	>BRAFG466, GQRIGSGSF	141	968
>BRAFG466, VGQRIGSGSF	498	>BRAFG466, VGQRIGSGSF	230	268
>BRAFG466, VGQRIGSGSF	74	>BRAFG466, VGQRIGSGSF	119	45

>BRAFG466TVGQRIGSGS	503	>BRAFG466TVGQRIGSAS	390	113
>BRAFG466TVGQRIGSGS	183	>BRAFG466TVGQRIGSAS	119	64
>BRAFG466GSFGTVYK	62	>BRAFG466ESFGTVYK	337	275
>BRAFG466GSFGTVYK GK	119	>BRAFG466ESFGTVYK GK	662	543
>BRAFG466GSFGTVYK	6	>BRAFG466ESFGTVYK	25	19
>BRAFG466GSFGTVYK GK	39	>BRAFG466ESFGTVYK GK	165	126
>BRAFG466GSFGTVYK	37	>BRAFG466ESFGTVYK	1644	1607
>BRAFG466GSFGTVYK GK	338	>BRAFG466ESFGTVYK GK	6246	5908
>BRAFG466GSFGTVYK	89	>BRAFG466ESFGTVYK	1117	1028
>BRAFG466GSFGTVYK	9970	>BRAFG466ESFGTVYK	432	9538
>BRAFG466GSFGTVYK	25	>BRAFG466ESFGTVYK	2	23
>BRAFG466GSFGTVYK GK	645	>BRAFG466ESFGTVYK GK	31	614
>BRAFG466GSFGTVYK GK	9	>BRAFG466ESFGTVYK GK	15	6
>BRAFG466GSFGTVYK GK	40	>BRAFG466ESFGTVYK GK	73	33
>BRAFG466GSFGTVYK GK	29	>BRAFG466ESFGTVYK GK	69	40
>BRAFG466GSFGTVYK GK	90	>BRAFG466ESFGTVYK GK	1804	1714
>BRAFG466GSFGTVYK GK	103	>BRAFG466ESFGTVYK GK	160	57
>BRAFG466GSFGTVYK	74	>BRAFG466ESFGTVYK	195	121
>BRAFG466GSFGTVYK GK	141	>BRAFG466ESFGTVYK GK	573	432
>BRAFG466GSFGTVYK	1983	>BRAFG466ESFGTVYK	410	1573
>BRAFG466SGSFGTVY	35822	>BRAFG466SESFGTVY	96	35726
>BRAFG466SGSFGTVYK	41	>BRAFG466SESFGTVYK	591	550
>BRAFG466SGSFGTVYK	331	>BRAFG466SESFGTVYK	6174	5843
>BRAFG466SGSFGTVY	89	>BRAFG466SESFGTVY	696	607
>BRAFG466SGSFGTVYK	290	>BRAFG466SESFGTVYK	679	389
>BRAFG466SGSFGTVY	226	>BRAFG466SESFGTVY	184	42
>BRAFG466SGSFGTVY	11933	>BRAFG466SESFGTVY	45	11888
>BRAFG466SGSFGTVY	36672	>BRAFG466SESFGTVY	346	36326
>BRAFG466SGSFGTVYK	438	>BRAFG466SESFGTVYK	1136	698
>BRAFG466SGSFGTVY	1669	>BRAFG466GSESFGTVY	94	1575
>BRAFG466SGSFGTVYK	46	>BRAFG466GSESFGTVYK	104	58
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>BRAFG466SGSFGTVY	172	>BRAFG466GSESFGTVY	182	10
>BRAFG466SGSFGTVYK	212	>BRAFG466GSESFGTVYK	380	168
>BRAFG466SGSFGTVY	86	>BRAFG466GSESFGTVY	654	568
>BRAFG466SGSFGTVY	197	>BRAFG466GSESFGTVY	560	363
>BRAFG466SGSFGTVY	154	>BRAFG466GSESFGTVY	66	88
>BRAFG466SGSFGTVY	4	>BRAFG466GSESFGTVY	3	1
>BRAFG466SGSFGTVYK	241	>BRAFG466GSESFGTVYK	245	4
>BRAFG466IGSGSFGTV	1515	>BRAFG466IGSESFGTV	467	1048
>BRAFG466IGSGSFGTVYI	304	>BRAFG466IGSESFGTVYK	345	41
>BRAFG466IGSGSFGTVYI	214	>BRAFG466IGSESFGTVYK	235	21
>BRAFG466IGSGSFGTVY	96	>BRAFG466IGSESFGTVY	136	40

>BRAFG466IGSGSFGTVY	370	>BRAFG466IGSESFQTVY	994	624
>BRAFG466IGSGSFGTVY	146	>BRAFG466IGSESFQTVY	141	5
>BRAFG466IGSGSFGTVY	653	>BRAFG466IGSESFQTVY	274	379
>BRAFG466IGSGSFGTVY	554	>BRAFG466IGSESFQTVY	441	113
>BRAFG466IGSGSFGTVY	1246	>BRAFG466IGSESFQTVY	281	965
>BRAFG466IRIGSGSFGTV	163	>BRAFG466IRIGSESFQTV	263	100
>BRAFG466IRIGSGSFGTV	31	>BRAFG466IRIGSESFQTV	35	4
>BRAFG466IRIGSGSFGTV	617	>BRAFG466IRIGSESFQTV	476	141
>BRAFG466IRIGSGSFGTV	19	>BRAFG466IRIGSESFQTV	25	6
>BRAFG466IRIGSGSFGTV	163	>BRAFG466IRIGSESFQTV	123	40
>BRAFG466IRIGSGSFGTV	69	>BRAFG466IRIGSESFQTV	111	42
>BRAFG466IRIGSGSFGTV	256	>BRAFG466IRIGSESFQTV	362	106
>BRAFG466IRIGSGSFGTV	14	>BRAFG466IRIGSESFQTV	27	13
>BRAFG466IRIGSGSFGTV'	468	>BRAFG466IRIGSESFQTV\	1080	612
>BRAFG466IRIGSGSFGTV'	215	>BRAFG466IRIGSESFQTV\	483	268
>BRAFG466IRIGSGSFGTV'	61	>BRAFG466IRIGSESFQTV\	97	36
>BRAFG466IRIGSGSFGTV	327	>BRAFG466IRIGSESFQTV	716	389
>BRAFG466IRIGSGSFGTV'	30	>BRAFG466IRIGSESFQTV\	35	5
>BRAFG466IRIGSGSFGTV'	50	>BRAFG466IRIGSESFQTV\	62	12
>BRAFG466IRIGSGSFGTV'	451	>BRAFG466IRIGSESFQTV\	423	28
>BRAFG466IRIGSGSFGTV'	451	>BRAFG466IRIGSESFQTV\	906	455
>BRAFG466IRIGSGSFGTV'	77	>BRAFG466IRIGSESFQTV\	195	118
>BRAFG466IQRIGSGSF	52	>BRAFG466IQRIGSESF	36	16
>BRAFG466IQRIGSGSF	235	>BRAFG466IQRIGSESF	428	193
>BRAFG466IQRIGSGSF	30	>BRAFG466IQRIGSESF	29	1
>BRAFG466IQRIGSGSF	56	>BRAFG466IQRIGSESF	125	69
>BRAFG466IQRIGSGSF	22	>BRAFG466IQRIGSESF	8	14
>BRAFG466IVGQRIGSGSF	498	>BRAFG466IVGQRIGSESF	399	99
>BRAFG466IVGQRIGSGSF	74	>BRAFG466IVGQRIGSESF	215	141
>BRAFG466ITVGQRIGSGS	183	>BRAFG466ITVGQRIGSES	152	31
>BRAFG466IGSFGTVYK	62	>BRAFG466IRSFQTVYK	32	30
>BRAFG466IGSFGTVYKKG	119	>BRAFG466IRSFQTVYKKG	39	80
>BRAFG466IGSFGTVYK	6	>BRAFG466IRSFQTVYK	6	0
>BRAFG466IGSFGTVYKKG	39	>BRAFG466IRSFQTVYKKG	26	13
>BRAFG466IGSFGTVYK	37	>BRAFG466IRSFQTVYK	5	32
>BRAFG466IGSFGTVYKKG	338	>BRAFG466IRSFQTVYKKG	8	330
>BRAFG466IGSFGTVYK	89	>BRAFG466IRSFQTVYK	13	76
>BRAFG466IGSFGTVYKKG	1501	>BRAFG466IRSFQTVYKKG	133	1368
>BRAFG466IGSFGTVYK	5939	>BRAFG466IRSFQTVYK	334	5605
>BRAFG466IGSFGTVYKG	1560	>BRAFG466IRSFQTVYKG	74	1486
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>BRAFG466IGSFGTVYK	25	>BRAFG466IRSFQTVYK	31	6
>BRAFG466IGSFGTVYKKG	645	>BRAFG466IRSFQTVYKKG	346	299

>BRAFG466IGSFGTVYKGG	6058	>BRAFG466IRSFSGTVYKGG	267	5791
>BRAFG466IGSFGTVYKGGK	9	>BRAFG466IRSFSGTVYKGGK	4	5
>BRAFG466IGSFGTVYKGGK	40	>BRAFG466IRSFSGTVYKGGK	28	12
>BRAFG466IGSFGTVYKGGK	29	>BRAFG466IRSFSGTVYKGGK	9	20
>BRAFG466IGSFGTVYKGGK	90	>BRAFG466IRSFSGTVYKGGK	69	21
>BRAFG466IGSFGTVYKGGK	103	>BRAFG466IRSFSGTVYKGGK	15	88
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>BRAFG466IGSFGTVYKGGK	141	>BRAFG466IRSFSGTVYKGGK	340	199
>BRAFG466IGSFGTVYK	1983	>BRAFG466IRSFSGTVYK	67	1916
>BRAFG466IGSFGTVYKGGK	10136	>BRAFG466IRSFSGTVYKGGK	490	9646
>BRAFG466IGSFGTVYK	41	>BRAFG466IRSFSGTVYK	1033	992
>BRAFG466IGSFGTVYK	331	>BRAFG466IRSFSGTVYK	2111	1780
>BRAFG466IGSFGTVY	89	>BRAFG466IRSFSGTVY	330	241
>BRAFG466IGSFGTVYK	290	>BRAFG466IRSFSGTVYK	1077	787
>BRAFG466IGSFGTVY	226	>BRAFG466IRSFSGTVY	4416	4190
>BRAFG466IGSFGTVY	2849	>BRAFG466IRSFSGTVY	108	2741
>BRAFG466IGSFGTVYK	29272	>BRAFG466IRSFSGTVYK	312	28960
>BRAFG466IGSFGTVYKGG	25758	>BRAFG466IRSFSGTVYKGG	339	25419
>BRAFG466IGSFGTVYK	438	>BRAFG466IRSFSGTVYK	1658	1220
>BRAFG466IQITVGQRIGS	38827	>BRAFG466IQITVGQRIGS	300	38527
>BRAFG466IGSGSFGTVYK	46	>BRAFG466IGSGSFGTVYK	32	14
>BRAFG466IGSGSFGTVYK	25	>BRAFG466IGSGSFGTVYK	30	5
>BRAFG466IGSGSFGTV	12360	>BRAFG466IGSGSFGTV	135	12225
>BRAFG466IGSGSFGTVYK	1110	>BRAFG466IGSGSFGTVYK	5	1105
>BRAFG466IGSGSFGTVY	172	>BRAFG466IGSGSFGTVY	176	4
>BRAFG466IGSGSFGTVYK	212	>BRAFG466IGSGSFGTVYK	203	9
>BRAFG466IGSGSFGTVY	86	>BRAFG466IGSGSFGTVY	49	37
>BRAFG466IGSGSFGTVY	197	>BRAFG466IGSGSFGTVY	20	177
>BRAFG466IGSGSFGTVY	154	>BRAFG466IGSGSFGTVY	8	146
>BRAFG466IGSGSFGTVY	4	>BRAFG466IGSGSFGTVY	2	2
>BRAFG466IGSGSFGTVYK	241	>BRAFG466IGSGSFGTVYK	277	36
>BRAFG466IGSGSFGTVYI	304	>BRAFG466IGSGSFGTVYI	235	69
>BRAFG466IGSGSFGTVYI	214	>BRAFG466IGSGSFGTVYI	188	26
>BRAFG466IGSGSFGTVY	96	>BRAFG466IGSGSFGTVY	154	58
>BRAFG466IGSGSFGTVYI	1229	>BRAFG466IGSGSFGTVYI	426	803
>BRAFG466IGSGSFGTVY	370	>BRAFG466IGSGSFGTVY	485	115
>BRAFG466IGSGSFGTVY	146	>BRAFG466IGSGSFGTVY	162	16
>BRAFG466IGSGSFGTVY	653	>BRAFG466IGSGSFGTVY	175	478
>BRAFG466IGSGSFGTVY	611	>BRAFG466IGSGSFGTVY	406	205
>BRAFG466IGSGSFGTVY	1246	>BRAFG466IGSGSFGTVY	294	952
>BRAFG466IRIGSGSFGTV	163	>BRAFG466IRIGSGSFGTV	591	428
>BRAFG466IRIGSGSFGTV	31	>BRAFG466IRIGSGSFGTV	50	19
>BRAFG466IRIGSGSFGTV	19	>BRAFG466IRIGSGSFGTV	40	21

>BRAFG466IRIGSGSFGTV	163	>BRAFG466IRIGSRSFGTV	256	93
>BRAFG466IRIGSGSFGTV	69	>BRAFG466IRIGSRSFGTV	194	125
>BRAFG466IRIGSGSFGTV	256	>BRAFG466IRIGSRSFGTV	811	555
>BRAFG466IRIGSGSFGTV	14	>BRAFG466IRIGSRSFGTV	32	18
>BRAFG466IRIGSGSFGTV'	468	>BRAFG466IRIGSRSFGTV\	274	194
>BRAFG466IRIGSGSFGTV'	215	>BRAFG466IRIGSRSFGTV\	491	276
>BRAFG466IRIGSGSFGTV'	61	>BRAFG466IRIGSRSFGTV\	136	75
>BRAFG466IRIGSGSFGTV	327	>BRAFG466IRIGSRSFGTV	754	427
>BRAFG466IRIGSGSFGTV'	30	>BRAFG466IRIGSRSFGTV\	34	4
>BRAFG466IRIGSGSFGTV'	50	>BRAFG466IRIGSRSFGTV\	57	7
>BRAFG466IRIGSGSFGTV'	451	>BRAFG466IRIGSRSFGTV\	502	51
>BRAFG466IRIGSGSFGTV'	451	>BRAFG466IRIGSRSFGTV\	549	98
>BRAFG466IRIGSGSFGTV'	77	>BRAFG466IRIGSRSFGTV\	131	54
>BRAFG466IQRIGSGSF	52	>BRAFG466IQRIGSRSF	25	27
>BRAFG466IQRIGSGSF	235	>BRAFG466IQRIGSRSF	167	68
>BRAFG466IQRIGSGSFGT	521	>BRAFG466IQRIGSRSFGT'	390	131
>BRAFG466IQRIGSGSF	30	>BRAFG466IQRIGSRSF	34	4
>BRAFG466IQRIGSGSF	56	>BRAFG466IQRIGSRSF	94	38
>BRAFG466IQRIGSGSF	22	>BRAFG466IQRIGSRSF	6	16
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>BRAFG466IVGQRIGSGSF	74	>BRAFG466IVGQRIGSRSF	269	195
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>BRAFG466ITVGQRIGSG	35239	>BRAFG466ITVGQRIGSR	220	35019
>BRAFG466ITVGQRIGSGS	183	>BRAFG466ITVGQRIGSRS	235	52
>BRAFG466IITVGQRIGSG	32234	>BRAFG466IITVGQRIGSR	427	31807
>BRAFG466IITVGQRIGSG	37767	>BRAFG466IITVGQRIGSR	467	37300
>BRAFG466IITVGQRIGSG:	1366	>BRAFG466IITVGQRIGSR:	423	943
>BRAFG466'GSFGTVYK	62	>BRAFG466'VSFGTVYK	47	15
>BRAFG466'GSFGTVYKKGK	119	>BRAFG466'VSFGTVYKKGK	134	15
>BRAFG466'GSFGTVYK	6	>BRAFG466'VSFGTVYK	6	0
>BRAFG466'GSFGTVYKKGK	39	>BRAFG466'VSFGTVYKKGK	39	0
>BRAFG466'GSFGTVYK	37	>BRAFG466'VSFGTVYK	49	12
>BRAFG466'GSFGTVYKKGK	338	>BRAFG466'VSFGTVYKKGK	376	38
>BRAFG466'GSFGTVYK	89	>BRAFG466'VSFGTVYK	75	14
>BRAFG466'GSFGTVYK	25	>BRAFG466'VSFGTVYK	14	11
>BRAFG466'GSFGTVYKKGK	645	>BRAFG466'VSFGTVYKKGK	480	165
>BRAFG466'GSFGTVYKKGK	9	>BRAFG466'VSFGTVYKKGK	6	3
>BRAFG466'GSFGTVYKKGK	40	>BRAFG466'VSFGTVYKKGK	33	7
>BRAFG466'GSFGTVYKKGK	29	>BRAFG466'VSFGTVYKKGK	13	16
>BRAFG466'GSFGTVYKKGK	90	>BRAFG466'VSFGTVYKKGK	147	57
>BRAFG466'GSFGTVYKKGK	103	>BRAFG466'VSFGTVYKKGK	31	72
>BRAFG466'GSFGTVYK	74	>BRAFG466'VSFGTVYK	173	99
>BRAFG466'GSFGTVYKKGK	141	>BRAFG466'VSFGTVYKKGK	515	374

>BRAFG466SGSFGTVYK	540	>BRAFG466SVSFGTVYK	39	501
>BRAFG466SGSFGTVYKG	4658	>BRAFG466SVSFGTVYKG	190	4468
>BRAFG466SGSFGTVY	9268	>BRAFG466SVSFGTVY	152	9116
>BRAFG466SGSFGTVYK	41	>BRAFG466SVSFGTVYK	7	34
>BRAFG466SGSFGTVYKG	638	>BRAFG466SVSFGTVYKG	18	620
>BRAFG466SGSFGTVY	26603	>BRAFG466SVSFGTVY	469	26134
>BRAFG466SGSFGTVY	910	>BRAFG466SVSFGTVY	35	875
>BRAFG466SGSFGTVYK	331	>BRAFG466SVSFGTVYK	15	316
>BRAFG466SGSFGTVYKG	2582	>BRAFG466SVSFGTVYKG	128	2454
>BRAFG466SGSFGTVY	89	>BRAFG466SVSFGTVY	44	45
>BRAFG466SGSFGTVYK	2906	>BRAFG466SVSFGTVYK	108	2798
>BRAFG466SGSFGTVYK	290	>BRAFG466SVSFGTVYK	9	281
>BRAFG466SGSFGTVYKG	2574	>BRAFG466SVSFGTVYKG	56	2518
>BRAFG466SGSFGTVY	2875	>BRAFG466SVSFGTVY	71	2804
>BRAFG466SGSFGTVY	226	>BRAFG466SVSFGTVY	84	142
>BRAFG466SGSFGTVY	963	>BRAFG466SVSFGTVY	352	611
>BRAFG466SGSFGTVY	519	>BRAFG466SVSFGTVY	205	314
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>BRAFG466GSGSFGTVYK	46	>BRAFG466GSVSFGTVYK	35	11
>BRAFG466GSGSFGTVYK	25	>BRAFG466GSVSFGTVYK	14	11
>BRAFG466GSGSFGTVY	584	>BRAFG466GSVSFGTVY	336	248
>BRAFG466GSGSFGTVY	172	>BRAFG466GSVSFGTVY	180	8
>BRAFG466GSGSFGTVYK	212	>BRAFG466GSVSFGTVYK	29	183
>BRAFG466GSGSFGTVY	86	>BRAFG466GSVSFGTVY	74	12
>BRAFG466GSGSFGTVY	197	>BRAFG466GSVSFGTVY	38	159
>BRAFG466GSGSFGTVY	154	>BRAFG466GSVSFGTVY	12	142
>BRAFG466GSGSFGTVY	4	>BRAFG466GSVSFGTVY	3	1
>BRAFG466GSGSFGTVYK	241	>BRAFG466GSVSFGTVYK	138	103
>BRAFG466IGSGSFGTVYI	304	>BRAFG466IGSVSFGTVYI	423	119
>BRAFG466IGSGSFGTVYI	214	>BRAFG466IGSVSFGTVYI	210	4
>BRAFG466IGSGSFGTVY	96	>BRAFG466IGSVSFGTVY	120	24
>BRAFG466IGSGSFGTVY	370	>BRAFG466IGSVSFGTVY	597	227
>BRAFG466IGSGSFGTVY	146	>BRAFG466IGSVSFGTVY	197	51
>BRAFG466IGSGSFGTVY	653	>BRAFG466IGSVSFGTVY	264	389
>BRAFG466IGSGSFGTVY	611	>BRAFG466IGSVSFGTVY	444	167
>BRAFG466RIGSGSFGTV	163	>BRAFG466RIGSVSFGTV	273	110
>BRAFG466RIGSGSFGTV	31	>BRAFG466RIGSVSFGTV	34	3
>BRAFG466RIGSGSFGTV	617	>BRAFG466RIGSVSFGTV	457	160
>BRAFG466RIGSGSFGTV	19	>BRAFG466RIGSVSFGTV	16	3
>BRAFG466RIGSGSFGTV	163	>BRAFG466RIGSVSFGTV	158	5
>BRAFG466RIGSGSFGTV	69	>BRAFG466RIGSVSFGTV	72	3

>BRAFG466'RIGSGSFGTV	256	>BRAFG466'RIGSVSFGTV	348	92
>BRAFG466'RIGSGSFGTV	14	>BRAFG466'RIGSVSFGTV	40	26
>BRAFG466'RIGSGSFGTV'	468	>BRAFG466'RIGSVSFGTV'	312	156
>BRAFG466'RIGSGSFGTV'	215	>BRAFG466'RIGSVSFGTV'	387	172
>BRAFG466'RIGSGSFGTV'	61	>BRAFG466'RIGSVSFGTV'	82	21
>BRAFG466'RIGSGSFGTV'	1181	>BRAFG466'RIGSVSFGTV'	478	703
>BRAFG466'RIGSGSFGTV	327	>BRAFG466'RIGSVSFGTV	311	16
>BRAFG466'RIGSGSFGTV'	30	>BRAFG466'RIGSVSFGTV'	30	0
>BRAFG466'RIGSGSFGTV'	50	>BRAFG466'RIGSVSFGTV'	55	5
>BRAFG466'RIGSGSFGTV'	451	>BRAFG466'RIGSVSFGTV'	515	64
>BRAFG466'RIGSGSFGTV'	451	>BRAFG466'RIGSVSFGTV'	1765	1314
>BRAFG466'RIGSGSFGTV'	77	>BRAFG466'RIGSVSFGTV'	60	17
>BRAFG466'QRIGSGSF	52	>BRAFG466'QRIGSVSF	14	38
>BRAFG466'QRIGSGSF	235	>BRAFG466'QRIGSVSF	135	100
>BRAFG466'QRIGSGSFGT	521	>BRAFG466'QRIGSVSFGT	458	63
>BRAFG466'QRIGSGSF	2708	>BRAFG466'QRIGSVSF	469	2239
>BRAFG466'GQRIGSGSF	30	>BRAFG466'GQRIGSVSF	30	0
>BRAFG466'GQRIGSGSF	56	>BRAFG466'GQRIGSVSF	128	72
>BRAFG466'GQRIGSGSF	22	>BRAFG466'GQRIGSVSF	3	19
>BRAFG466'GQRIGSGSF	1109	>BRAFG466'GQRIGSVSF	467	642
>BRAFG466'VGQRIGSGSF	498	>BRAFG466'VGQRIGSVSF	306	192
>BRAFG466'VGQRIGSGSF	2129	>BRAFG466'VGQRIGSVSF	361	1768
>BRAFG466'VGQRIGSGSF	74	>BRAFG466'VGQRIGSVSF	90	16
>BRAFG466'TVGQRIGSG	22689	>BRAFG466'TVGQRIGSV	253	22436
>BRAFG466'TVGQRIGSG	33727	>BRAFG466'TVGQRIGSV	99	33628
>BRAFG466'TVGQRIGSG	21371	>BRAFG466'TVGQRIGSV	380	20991
>BRAFG466'TVGQRIGSGS	183	>BRAFG466'TVGQRIGSVS	159	24
>BRAFG466'ITVGQRIGSG	18050	>BRAFG466'ITVGQRIGSV	94	17956
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>BRAFG466'ITVGQRIGSG	26010	>BRAFG466'ITVGQRIGSV	345	25665
>BRAFG466'ITVGQRIGSG	34708	>BRAFG466'ITVGQRIGSV	115	34593
>BRAFG466'ITVGQRIGSG	28345	>BRAFG466'ITVGQRIGSV	215	28130
>BRAFG466'ITVGQRIGSG	4734	>BRAFG466'ITVGQRIGSV	134	4600
>BRAFG466'ITVGQRIGSG	17304	>BRAFG466'ITVGQRIGSV	474	16830
>BRAFG466'ITVGQRIGSG:	1366	>BRAFG466'ITVGQRIGSV:	353	1013
>BRAFG469,GTVYK GKW	13	>BRAFG469,ATVYK GKW	6	7
>BRAFG469,GTVYK GKWH	1221	>BRAFG469,ATVYK GKWH	186	1035
>BRAFG469,GTVYK GKW	199	>BRAFG469,ATVYK GKW	232	33
>BRAFG469,GTVYK GKW	766	>BRAFG469,ATVYK GKW	432	334
>BRAFG469,GTVYK GKWH	177	>BRAFG469,ATVYK GKWH	524	347
>BRAFG469,FGTVYK GK	2796	>BRAFG469,FATVYK GK	120	2676
>BRAFG469,FGTVYK GKW	2909	>BRAFG469,FATVYK GKW	138	2771
>BRAFG469,FGTVYK GKW	2492	>BRAFG469,FATVYK GKW	67	2425

>BRAFG469,FGTVYKGGK	820	>BRAFG469,FATVYKGGK	37	783
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>BRAFG469,FGTVYKGGK	51	>BRAFG469,FATVYKGGK	16	35
>BRAFG469,SFGTVYKGGK	365	>BRAFG469,SFATVYKGGK	445	80
>BRAFG469,GSFGTVYK	62	>BRAFG469,GSFATVYK	50	12
>BRAFG469,GSFGTVYKGGK	119	>BRAFG469,GSFATVYKGGK	118	1
>BRAFG469,GSFGTVYK	6	>BRAFG469,GSFATVYK	5	1
>BRAFG469,GSFGTVYKGGK	39	>BRAFG469,GSFATVYKGGK	31	8
>BRAFG469,GSFGTVYK	37	>BRAFG469,GSFATVYK	17	20
>BRAFG469,GSFGTVYKGGK	338	>BRAFG469,GSFATVYKGGK	139	199
>BRAFG469,GSFGTVYK	89	>BRAFG469,GSFATVYK	50	39
>BRAFG469,GSFGTVYK	25	>BRAFG469,GSFATVYK	21	4
>BRAFG469,GSFGTVYKGGK	9	>BRAFG469,GSFATVYKGGK	7	2
>BRAFG469,GSFGTVYKGGK	40	>BRAFG469,GSFATVYKGGK	43	3
>BRAFG469,GSFGTVYKGGK	29	>BRAFG469,GSFATVYKGGK	21	8
>BRAFG469,GSFGTVYKGGK	90	>BRAFG469,GSFATVYKGGK	136	46
>BRAFG469,GSFGTVYKGGK	103	>BRAFG469,GSFATVYKGGK	169	66
>BRAFG469,GSFGTVYK	74	>BRAFG469,GSFATVYK	71	3
>BRAFG469,GSFGTVYKGGK	141	>BRAFG469,GSFATVYKGGK	131	10
>BRAFG469,SGSFGTVYK	41	>BRAFG469,SGSFATVYK	25	16
>BRAFG469,SGSFGTVYKGGK	638	>BRAFG469,SGSFATVYKGGK	473	165
>BRAFG469,SGSFGTVYK	331	>BRAFG469,SGSFATVYK	96	235
>BRAFG469,SGSFGTVY	89	>BRAFG469,SGSFATVY	119	30
>BRAFG469,SGSFGTVYK	290	>BRAFG469,SGSFATVYK	126	164
>BRAFG469,SGSFGTVY	226	>BRAFG469,SGSFATVY	302	76
>BRAFG469,SGSFGTVY	519	>BRAFG469,SGSFATVY	359	160
>BRAFG469,SGSFGTVYK	438	>BRAFG469,SGSFATVYK	486	48
>BRAFG469,SGSGFATVYK	46	>BRAFG469,SGSGFATVYK	45	1
>BRAFG469,SGSGFATVYK	25	>BRAFG469,SGSGFATVYK	19	6
>BRAFG469,SGSGFATVY	584	>BRAFG469,SGSGFATVY	470	114
>BRAFG469,SGSGFATVY	172	>BRAFG469,SGSGFATVY	162	10
>BRAFG469,SGSGFATVYK	212	>BRAFG469,SGSGFATVYK	116	96
>BRAFG469,SGSGFATVY	86	>BRAFG469,SGSGFATVY	174	88
>BRAFG469,SGSGFATVY	197	>BRAFG469,SGSGFATVY	340	143
>BRAFG469,SGSGFATVY	154	>BRAFG469,SGSGFATVY	56	98
>BRAFG469,SGSGFATVY	4	>BRAFG469,SGSGFATVY	4	0
>BRAFG469,SGSGFATVYK	241	>BRAFG469,SGSGFATVYK	220	21
>BRAFG469,IGSGFATV	1515	>BRAFG469,IGSGFATV	209	1306
>BRAFG469,IGSGFATV	4709	>BRAFG469,IGSGFATV	363	4346
>BRAFG469,IGSGFATVYI	304	>BRAFG469,IGSGFATVYI	290	14
>BRAFG469,IGSGFATVYI	214	>BRAFG469,IGSGFATVYI	132	82
>BRAFG469,IGSGFATVY	96	>BRAFG469,IGSGFATVY	73	23
>BRAFG469,IGSGFATVY	370	>BRAFG469,IGSGFATVY	433	63



>BRAFG469IGSGSFGTVYI	762	>BRAFG469IGSGSFATVYI	442	320
>BRAFG469IGSGSFGTVY	146	>BRAFG469IGSGSFATVY	177	31
>BRAFG469IGSGSFGTVY	554	>BRAFG469IGSGSFATVY	177	377
>BRAFG469RIGSGSFGTV	749	>BRAFG469RIGSGSFATV	219	530
>BRAFG469RIGSGSFGTV	163	>BRAFG469RIGSGSFATV	61	102
>BRAFG469RIGSGSFGTV	31	>BRAFG469RIGSGSFATV	24	7
>BRAFG469RIGSGSFGTV	617	>BRAFG469RIGSGSFATV	252	365
>BRAFG469RIGSGSFGTV	19	>BRAFG469RIGSGSFATV	9	10
>BRAFG469RIGSGSFGTV	163	>BRAFG469RIGSGSFATV	29	134
>BRAFG469RIGSGSFGTV	69	>BRAFG469RIGSGSFATV	25	44
>BRAFG469RIGSGSFGTV	256	>BRAFG469RIGSGSFATV	26	230
>BRAFG469RIGSGSFGTV	14	>BRAFG469RIGSGSFATV	5	9
>BRAFG469RIGSGSFGTV'	468	>BRAFG469RIGSGSFATV'	341	127
>BRAFG469RIGSGSFGTV'	215	>BRAFG469RIGSGSFATV'	176	39
>BRAFG469RIGSGSFGTV'	61	>BRAFG469RIGSGSFATV'	54	7
>BRAFG469RIGSGSFGTV	1589	>BRAFG469RIGSGSFATV	367	1222
>BRAFG469RIGSGSFGTV'	1181	>BRAFG469RIGSGSFATV'	400	781
>BRAFG469RIGSGSFGTV	327	>BRAFG469RIGSGSFATV	198	129
>BRAFG469RIGSGSFGTV'	30	>BRAFG469RIGSGSFATV'	26	4
>BRAFG469RIGSGSFGTV'	50	>BRAFG469RIGSGSFATV'	55	5
>BRAFG469RIGSGSFGTV'	451	>BRAFG469RIGSGSFATV'	471	20
>BRAFG469RIGSGSFGTV'	451	>BRAFG469RIGSGSFATV'	358	93
>BRAFG469RIGSGSFGTV'	77	>BRAFG469RIGSGSFATV'	70	7
>BRAFG469QRIGSGSFGT	804	>BRAFG469QRIGSGSFAT	327	477
>BRAFG469QRIGSGSFGT	521	>BRAFG469QRIGSGSFAT	442	79
>BRAFG469QRIGSGSFGT	1877	>BRAFG469QRIGSGSFAT	479	1398
>BRAFG469GQRIGSGSFG	1973	>BRAFG469GQRIGSGSFA	183	1790
>BRAFG469IGTVYK GKW	15142	>BRAFG469IGTVYK GKW	192	14950
>BRAFG469IGTVYK GKWH	11850	>BRAFG469IGTVYK GKWH	43	11807
>BRAFG469IGTVYK GKW	17232	>BRAFG469IGTVYK GKW	493	16739
>BRAFG469IGTVYK GKW	13	>BRAFG469IGTVYK GKW	23	10
>BRAFG469IGTVYK GKW	199	>BRAFG469IGTVYK GKW	689	490
>BRAFG469IGTVYK GKWH	177	>BRAFG469IGTVYK GKWH	3318	3141
>BRAFG469IFGTVYK GKW	26158	>BRAFG469IFGTVYK GKW	283	25875
>BRAFG469IFGTVYK GKW	32818	>BRAFG469IFGTVYK GKW	326	32492
>BRAFG469IFGTVYK GKW	51	>BRAFG469IFGTVYK GKW	55	4
>BRAFG469ISFGTVYK GKV	365	>BRAFG469ISFGTVYK GKV	1673	1308
>BRAFG469IGSFGTVYK	62	>BRAFG469IGSFETVYK	73	11
>BRAFG469IGSFGTVYK GK	119	>BRAFG469IGSFETVYK GK	463	344
>BRAFG469IGSFGTVYK	6	>BRAFG469IGSFETVYK	6	0
>BRAFG469IGSFGTVYK GK	39	>BRAFG469IGSFETVYK GK	58	19
>BRAFG469IGSFGTVYK	37	>BRAFG469IGSFETVYK	51	14
>BRAFG469IGSFGTVYK GK	338	>BRAFG469IGSFETVYK GK	380	42

>BRAFG469IGSFGTVYK	89	>BRAFG469IGSFETVYK	111	22
>BRAFG469IGSFGTVYK	25	>BRAFG469IGSFETVYK	25	0
>BRAFG469IGSFGTVYKKGK	9	>BRAFG469IGSFETVYKKGK	8	1
>BRAFG469IGSFGTVYKKGK	40	>BRAFG469IGSFETVYKKGK	51	11
>BRAFG469IGSFGTVYKKGK	29	>BRAFG469IGSFETVYKKGK	30	1
>BRAFG469IGSFGTVYKKGK	90	>BRAFG469IGSFETVYKKGK	270	180
>BRAFG469IGSFGTVYKKGK	103	>BRAFG469IGSFETVYKKGK	257	154
>BRAFG469IGSFGTVYK	74	>BRAFG469IGSFETVYK	61	13
>BRAFG469IGSFGTVYKKGK	141	>BRAFG469IGSFETVYKKGK	107	34
>BRAFG469IGSGSFGTVYK	41	>BRAFG469IGSGSFETVYK	40	1
>BRAFG469IGSGSFGTVYK	331	>BRAFG469IGSGSFETVYK	954	623
>BRAFG469IGSGSFGTVY	89	>BRAFG469IGSGSFETVY	134	45
>BRAFG469IGSGSFGTVYK	290	>BRAFG469IGSGSFETVYK	313	23
>BRAFG469IGSGSFGTVY	226	>BRAFG469IGSGSFETVY	866	640
>BRAFG469IGSGSFGTVYK	438	>BRAFG469IGSGSFETVYK	399	39
>BRAFG469IGSGSFGTVYK	46	>BRAFG469IGSGSFETVYK	100	54
>BRAFG469IGSGSFGTVYK	25	>BRAFG469IGSGSFETVYK	21	4
>BRAFG469IGSGSFGTVY	172	>BRAFG469IGSGSFETVY	140	32
>BRAFG469IGSGSFGTVYK	212	>BRAFG469IGSGSFETVYK	105	107
>BRAFG469IGSGSFGTVY	86	>BRAFG469IGSGSFETVY	532	446
>BRAFG469IGSGSFGTVY	197	>BRAFG469IGSGSFETVY	749	552
>BRAFG469IGSGSFGTVY	154	>BRAFG469IGSGSFETVY	516	362
>BRAFG469IGSGSFGTVY	4	>BRAFG469IGSGSFETVY	10	6
>BRAFG469IGSGSFGTVYK	241	>BRAFG469IGSGSFETVYK	253	12
>BRAFG469IGSGSFGTV	1515	>BRAFG469IGSGSFETV	360	1155
>BRAFG469IGSGSFGTVYI	304	>BRAFG469IGSGSFETVYI	892	588
>BRAFG469IGSGSFGTVYI	214	>BRAFG469IGSGSFETVYI	208	6
>BRAFG469IGSGSFGTVY	96	>BRAFG469IGSGSFETVY	131	35
>BRAFG469IGSGSFGTVY	370	>BRAFG469IGSGSFETVY	729	359
>BRAFG469IGSGSFGTVY	146	>BRAFG469IGSGSFETVY	344	198
>BRAFG469IRIGSGSFGTV	749	>BRAFG469IRIGSGSFETV	308	441
>BRAFG469IRIGSGSFGTV	163	>BRAFG469IRIGSGSFETV	58	105
>BRAFG469IRIGSGSFGTV	31	>BRAFG469IRIGSGSFETV	53	22
>BRAFG469IRIGSGSFGTV	617	>BRAFG469IRIGSGSFETV	316	301
>BRAFG469IRIGSGSFGTV	19	>BRAFG469IRIGSGSFETV	10	9
>BRAFG469IRIGSGSFGTV	163	>BRAFG469IRIGSGSFETV	78	85
>BRAFG469IRIGSGSFGTV	69	>BRAFG469IRIGSGSFETV	28	41
>BRAFG469IRIGSGSFGTV	256	>BRAFG469IRIGSGSFETV	44	212
>BRAFG469IRIGSGSFGTV	14	>BRAFG469IRIGSGSFETV	7	7
>BRAFG469IRIGSGSFGTV'	468	>BRAFG469IRIGSGSFETV\	831	363
>BRAFG469IRIGSGSFGTV'	215	>BRAFG469IRIGSGSFETV\	341	126
>BRAFG469IRIGSGSFGTV'	61	>BRAFG469IRIGSGSFETV\	52	9
>BRAFG469IRIGSGSFGTV	1589	>BRAFG469IRIGSGSFETV	327	1262

>BRAFG469IRIGSGSFGTV	327	>BRAFG469IRIGSGSFETV	557	230
>BRAFG469IRIGSGSFGTV'	30	>BRAFG469IRIGSGSFETV\	44	14
>BRAFG469IRIGSGSFGTV'	50	>BRAFG469IRIGSGSFETV\	80	30
>BRAFG469IRIGSGSFGTV'	451	>BRAFG469IRIGSGSFETV\	695	244
>BRAFG469IRIGSGSFGTV'	451	>BRAFG469IRIGSGSFETV\	816	365
>BRAFG469IRIGSGSFGTV'	77	>BRAFG469IRIGSGSFETV\	134	57
>BRAFG469IQRIGSGSFGT	804	>BRAFG469IQRIGSGSFET'	411	393
>BRAFG469IGTVYK GKW	13	>BRAFG469IRTVYK GKW	6	7
>BRAFG469IGTVYK GKWH	1221	>BRAFG469IRTVYK GKWH	20	1201
>BRAFG469IGTVYK GKW	199	>BRAFG469IRTVYK GKW	47	152
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>BRAFG469IGTVYK GKWH	177	>BRAFG469IRTVYK GKWH	134	43
>BRAFG469IFGTVYK GK	20998	>BRAFG469IFRTVYK GK	38	20960
>BRAFG469IFGTVYK GKW	51	>BRAFG469IFRTVYK GKW	8	43
>BRAFG469IVGQRIGSGSF	23423	>BRAFG469IVGQRIGSGSF	319	23104
>BRAFG469ISFGTVYK GKV	365	>BRAFG469ISFRTVYK GKV	1630	1265
>BRAFG469ISFGTVYK GK	4323	>BRAFG469ISFRTVYK GK	7	4316
>BRAFG469ISFGTVYK	62	>BRAFG469ISFRTVYK	52	10
>BRAFG469ISFGTVYK GK	119	>BRAFG469ISFRTVYK GK	223	104
>BRAFG469ISFGTVYK	6	>BRAFG469ISFRTVYK	6	0
>BRAFG469ISFGTVYK GK	39	>BRAFG469ISFRTVYK GK	67	28
>BRAFG469ISFGTVYK	37	>BRAFG469ISFRTVYK	14	23
>BRAFG469ISFGTVYK GK	338	>BRAFG469ISFRTVYK GK	90	248
>BRAFG469ISFGTVYK	89	>BRAFG469ISFRTVYK	34	55
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>BRAFG469ISFGTVYK GK	141	>BRAFG469ISFRTVYK GK	116	25
>BRAFG469ISGSFGTVYK	540	>BRAFG469ISGSFRTVYK	214	326
>BRAFG469ISGSFGTVYK	41	>BRAFG469ISGSFRTVYK	27	14
>BRAFG469ISGSFGTVYK G	638	>BRAFG469ISGSFRTVYK G	480	158
>BRAFG469ISGSFGTVYK	331	>BRAFG469ISGSFRTVYK	172	159
>BRAFG469ISGSFGTVY	89	>BRAFG469ISGSFRTVY	149	60
>BRAFG469ISGSFGTVYK	290	>BRAFG469ISGSFRTVYK	332	42
>BRAFG469ISGSFGTVY	226	>BRAFG469ISGSFRTVY	487	261
>BRAFG469ISGSFGTVYK	438	>BRAFG469ISGSFRTVYK	289	149
>BRAFG469ISGSFGTVYK	46	>BRAFG469ISGSFRTVYK	40	6
>BRAFG469ISGSFGTVYK	25	>BRAFG469ISGSFRTVYK	20	5
>BRAFG469ISGSFGTVY	172	>BRAFG469ISGSFRTVY	82	90

>BRAFG469IGSGSFGTVYK	212	>BRAFG469IGSGSFRTVYK	138	74
>BRAFG469IGSGSFGTVY	86	>BRAFG469IGSGSFRTVY	190	104
>BRAFG469IGSGSFGTVY	197	>BRAFG469IGSGSFRTVY	381	184
>BRAFG469IGSGSFGTVY	154	>BRAFG469IGSGSFRTVY	774	620
>BRAFG469IGSGSFGTVY	4	>BRAFG469IGSGSFRTVY	7	3
>BRAFG469IGSGSFGTVYK	241	>BRAFG469IGSGSFRTVYK	240	1
>BRAFG469IGSGSFGTVYI	304	>BRAFG469IGSGSFRTVYI	298	6
>BRAFG469IGSGSFGTVYI	214	>BRAFG469IGSGSFRTVYI	208	6
>BRAFG469IGSGSFGTVY	96	>BRAFG469IGSGSFRTVY	107	11
>BRAFG469IGSGSFGTVY	370	>BRAFG469IGSGSFRTVY	685	315
>BRAFG469IGSGSFGTVY	146	>BRAFG469IGSGSFRTVY	250	104
>BRAFG469IRIGSGSFGTV	163	>BRAFG469IRIGSGSFRTV	229	66
>BRAFG469IRIGSGSFGTV	31	>BRAFG469IRIGSGSFRTV	55	24
>BRAFG469IRIGSGSFGTV	19	>BRAFG469IRIGSGSFRTV	21	2
>BRAFG469IRIGSGSFGTV	163	>BRAFG469IRIGSGSFRTV	243	80
>BRAFG469IRIGSGSFGTV	69	>BRAFG469IRIGSGSFRTV	109	40
>BRAFG469IRIGSGSFGTV	256	>BRAFG469IRIGSGSFRTV	314	58
>BRAFG469IRIGSGSFGTV	14	>BRAFG469IRIGSGSFRTV	18	4
>BRAFG469IRIGSGSFG	18085	>BRAFG469IRIGSGSFR	185	17900
>BRAFG469IRIGSGSFGTV'	468	>BRAFG469IRIGSGSFRTV'	333	135
>BRAFG469IRIGSGSFG	24239	>BRAFG469IRIGSGSFR	230	24009
>BRAFG469IRIGSGSFGTV'	215	>BRAFG469IRIGSGSFRTV'	302	87
>BRAFG469IRIGSGSFGTV'	61	>BRAFG469IRIGSGSFRTV'	39	22
>BRAFG469IRIGSGSFG	14405	>BRAFG469IRIGSGSFR	15	14390
>BRAFG469IRIGSGSFG	40706	>BRAFG469IRIGSGSFR	490	40216
>BRAFG469IRIGSGSFGTV	327	>BRAFG469IRIGSGSFRTV	1677	1350
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>BRAFG469IRIGSGSFGTV'	50	>BRAFG469IRIGSGSFRTV'	63	13
>BRAFG469IRIGSGSFGTV'	451	>BRAFG469IRIGSGSFRTV'	634	183
>BRAFG469IRIGSGSFGTV'	451	>BRAFG469IRIGSGSFRTV'	843	392
>BRAFG469IRIGSGSFGTV'	77	>BRAFG469IRIGSGSFRTV'	88	11
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>BRAFG469IRIGSGSFGT	804	>BRAFG469IRIGSGSFRT	385	419
>BRAFG469IRIGSGSFG	7915	>BRAFG469IRIGSGSFR	348	7567
>BRAFG469IRIGSGSFGT	521	>BRAFG469IRIGSGSFRT	428	93
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>BRAFG469!GTVYK GKW	199	>BRAFG469!STVYK GKW	160	39
>BRAFG469!GTVYK GKW	766	>BRAFG469!STVYK GKW	460	306
>BRAFG469!GTVYK GKWH	177	>BRAFG469!STVYK GKWH	188	11
>BRAFG469!FGTVYK GK	2796	>BRAFG469!FSTVYK GK	159	2637
>BRAFG469!FGTVYK GKW	2909	>BRAFG469!FSTVYK GKW	18	2891
>BRAFG469!FGTVYK GKW	5581	>BRAFG469!FSTVYK GKW	322	5259

>BRAFG469!FGTVYKGKW	820	>BRAFG469!FSTVYKGKW	22	798
>BRAFG469!FGTVYKGKW	51	>BRAFG469!FSTVYKGKW	24	27
>BRAFG469!SFGTVYKGKV	365	>BRAFG469!SFSTVYKGKM	435	70
>BRAFG469!GSFGTVYK	62	>BRAFG469!GSFSTVYK	52	10
>BRAFG469!GSFGTVYKGK	119	>BRAFG469!GSFSTVYKGK	130	11
>BRAFG469!GSFGTVYK	6	>BRAFG469!GSFSTVYK	6	0
>BRAFG469!GSFGTVYKGK	39	>BRAFG469!GSFSTVYKGK	28	11
>BRAFG469!GSFGTVYK	37	>BRAFG469!GSFSTVYK	26	11
>BRAFG469!GSFGTVYKGK	338	>BRAFG469!GSFSTVYKGK	244	94
>BRAFG469!GSFGTVYK	89	>BRAFG469!GSFSTVYK	34	55
>BRAFG469!GSFGTVYK	25	>BRAFG469!GSFSTVYK	15	10
>BRAFG469!GSFGTVYKGK	9	>BRAFG469!GSFSTVYKGK	8	1
>BRAFG469!GSFGTVYKGK	40	>BRAFG469!GSFSTVYKGK	55	15
>BRAFG469!GSFGTVYKGK	29	>BRAFG469!GSFSTVYKGK	30	1
>BRAFG469!GSFGTVYKGK	90	>BRAFG469!GSFSTVYKGK	38	52
>BRAFG469!GSFGTVYKGK	103	>BRAFG469!GSFSTVYKGK	267	164
>BRAFG469!GSFGTVYK	74	>BRAFG469!GSFSTVYK	54	20
>BRAFG469!GSFGTVYKGK	141	>BRAFG469!GSFSTVYKGK	91	50
>BRAFG469!SGSFGTVYK	540	>BRAFG469!SGSFSTVYK	284	256
>BRAFG469!SGSFGTVYK	41	>BRAFG469!SGSFSTVYK	18	23
>BRAFG469!SGSFGTVYKG	638	>BRAFG469!SGSFSTVYKG	336	302
>BRAFG469!SGSFGTVYK	331	>BRAFG469!SGSFSTVYK	129	202
>BRAFG469!SGSFGTVY	89	>BRAFG469!SGSFSTVY	124	35
>BRAFG469!SGSFGTVYK	290	>BRAFG469!SGSFSTVYK	102	188
>BRAFG469!SGSFGTVY	226	>BRAFG469!SGSFSTVY	165	61
>BRAFG469!SGSFGTVY	519	>BRAFG469!SGSFSTVY	359	160
>BRAFG469!SGSFGTVYK	438	>BRAFG469!SGSFSTVYK	282	156
>BRAFG469!GSGSFGTVYK	46	>BRAFG469!GSGSFSTVYK	36	10
>BRAFG469!GSGSFGTVYK	25	>BRAFG469!GSGSFSTVYK	15	10
>BRAFG469!GSGSFGTVYK	1110	>BRAFG469!GSGSFSTVYK	489	621
>BRAFG469!GSGSFGTVY	172	>BRAFG469!GSGSFSTVY	125	47
>BRAFG469!GSGSFGTVYK	212	>BRAFG469!GSGSFSTVYK	72	140
>BRAFG469!GSGSFGTVY	86	>BRAFG469!GSGSFSTVY	59	27
>BRAFG469!GSGSFGTVY	197	>BRAFG469!GSGSFSTVY	212	15
>BRAFG469!GSGSFGTVY	154	>BRAFG469!GSGSFSTVY	65	89
>BRAFG469!GSGSFGTVY	4	>BRAFG469!GSGSFSTVY	5	1
>BRAFG469!GSGSFGTVYK	241	>BRAFG469!GSGSFSTVYK	173	68
>BRAFG469!IGSGSFGTV	1515	>BRAFG469!IGSGSFSTV	446	1069
>BRAFG469!IGSGSFGTVYI	304	>BRAFG469!IGSGSFSTVYK	207	97
>BRAFG469!IGSGSFGTVYI	214	>BRAFG469!IGSGSFSTVYK	105	109
>BRAFG469!IGSGSFGTVY	96	>BRAFG469!IGSGSFSTVY	83	13
>BRAFG469!IGSGSFGTVY	370	>BRAFG469!IGSGSFSTVY	435	65
>BRAFG469!IGSGSFGTVYI	762	>BRAFG469!IGSGSFSTVYK	409	353

>BRAFG469!IGSGSFGTVY	146	>BRAFG469!IGSGSFSTVY	104	42
>BRAFG469!IGSGSFGTVY	653	>BRAFG469!IGSGSFSTVY	329	324
>BRAFG469!IGSGSFGTVY	554	>BRAFG469!IGSGSFSTVY	229	325
>BRAFG469!IGSGSFGTV	1320	>BRAFG469!IGSGSFSTV	92	1228
>BRAFG469!IGSGSFGTVY	611	>BRAFG469!IGSGSFSTVY	215	396
>BRAFG469!RIGSGSFGTV	749	>BRAFG469!RIGSGSFSTV	341	408
>BRAFG469!RIGSGSFGTV	163	>BRAFG469!RIGSGSFSTV	55	108
>BRAFG469!RIGSGSFGTV	31	>BRAFG469!RIGSGSFSTV	22	9
>BRAFG469!RIGSGSFGTV	617	>BRAFG469!RIGSGSFSTV	250	367
>BRAFG469!RIGSGSFGTV	19	>BRAFG469!RIGSGSFSTV	12	7
>BRAFG469!RIGSGSFGTV	163	>BRAFG469!RIGSGSFSTV	57	106
>BRAFG469!RIGSGSFGTV	69	>BRAFG469!RIGSGSFSTV	29	40
>BRAFG469!RIGSGSFGTV	256	>BRAFG469!RIGSGSFSTV	67	189
>BRAFG469!RIGSGSFGTV	14	>BRAFG469!RIGSGSFSTV	5	9
>BRAFG469!RIGSGSFGTV'	468	>BRAFG469!RIGSGSFSTV\	250	218
>BRAFG469!RIGSGSFGTV'	215	>BRAFG469!RIGSGSFSTV\	207	8
>BRAFG469!RIGSGSFGTV'	61	>BRAFG469!RIGSGSFSTV\	46	15
>BRAFG469!RIGSGSFGTV'	1181	>BRAFG469!RIGSGSFSTV\	354	827
>BRAFG469!RIGSGSFGTV	327	>BRAFG469!RIGSGSFSTV	307	20
>BRAFG469!RIGSGSFGTV'	30	>BRAFG469!RIGSGSFSTV\	25	5
>BRAFG469!RIGSGSFGTV'	50	>BRAFG469!RIGSGSFSTV\	40	10
>BRAFG469!RIGSGSFGTV'	451	>BRAFG469!RIGSGSFSTV\	363	88
>BRAFG469!RIGSGSFGTV'	451	>BRAFG469!RIGSGSFSTV\	307	144
>BRAFG469!RIGSGSFGTV'	77	>BRAFG469!RIGSGSFSTV\	67	10
>BRAFG469!QRIGSGSFGT	804	>BRAFG469!QRIGSGSFST\	171	633
>BRAFG469!GTVYK GKW	13	>BRAFG469!VTVYK GKW	8	5
>BRAFG469!GTVYK GKWH	1221	>BRAFG469!VTVYK GKWH	195	1026
>BRAFG469!GTVYK GKW	199	>BRAFG469!VTVYK GKW	88	111
>BRAFG469!GTVYK GKW	766	>BRAFG469!VTVYK GKW	85	681
>BRAFG469!GTVYK GKWH	177	>BRAFG469!VTVYK GKWH	312	135
>BRAFG469!FGTVYK GK	2796	>BRAFG469!FVTVYK GK	69	2727
>BRAFG469!FGTVYK GKW	820	>BRAFG469!FVTVYK GKW	199	621
>BRAFG469!FGTVYK GKW	51	>BRAFG469!FVTVYK GKW	85	34
>BRAFG469!SFGTVYK GKV	365	>BRAFG469!SFVTVYK GKV	681	316
>BRAFG469!GSFGTVYK	62	>BRAFG469!GSFVTVYK	76	14
>BRAFG469!GSFGTVYK GK	119	>BRAFG469!GSFVTVYK GK	315	196
>BRAFG469!GSFGTVYK	6	>BRAFG469!GSFVTVYK	6	0
>BRAFG469!GSFGTVYK GK	39	>BRAFG469!GSFVTVYK GK	50	11
>BRAFG469!GSFGTVYK	37	>BRAFG469!GSFVTVYK	27	10
>BRAFG469!GSFGTVYK GK	338	>BRAFG469!GSFVTVYK GK	207	131
>BRAFG469!GSFGTVYK	89	>BRAFG469!GSFVTVYK	41	48
>BRAFG469!GSFGTVYK	25	>BRAFG469!GSFVTVYK	25	0
>BRAFG469!GSFGTVYK GK	9	>BRAFG469!GSFVTVYK GK	7	2

>BRAFG469'GSFGTVYK GK	40	>BRAFG469'GSFVTYK GK	46	6
>BRAFG469'GSFGTVYK GK	29	>BRAFG469'GSFVTYK GK	26	3
>BRAFG469'GSFGTVYK GK	90	>BRAFG469'GSFVTYK GK	134	44
>BRAFG469'GSFGTVYK GK	103	>BRAFG469'GSFVTYK GK	188	85
>BRAFG469'GSFGTVYK	74	>BRAFG469'GSFVTYK	61	13
>BRAFG469'GSFGTVYK GK	141	>BRAFG469'GSFVTYK GK	101	40
>BRAFG469'GSFGTVYK	540	>BRAFG469'GSFVTYK	263	277
>BRAFG469'GSFGTVYK	41	>BRAFG469'GSFVTYK	16	25
>BRAFG469'GSFGTVYK G	638	>BRAFG469'GSFVTYK G	277	361
>BRAFG469'GSFGTVYK	331	>BRAFG469'GSFVTYK	393	62
>BRAFG469'GSFGTVY	89	>BRAFG469'GSFVTY	119	30
>BRAFG469'GSFGTVYK	290	>BRAFG469'GSFVTYK	47	243
>BRAFG469'GSFGTVY	226	>BRAFG469'GSFVTY	297	71
>BRAFG469'GSFGTVYK	438	>BRAFG469'GSFVTYK	474	36
>BRAFG469'GSFGTVYK	46	>BRAFG469'GSFVTYK	39	7
>BRAFG469'GSFGTVYK	25	>BRAFG469'GSFVTYK	13	12
>BRAFG469'GSFGTVY	172	>BRAFG469'GSFVTY	202	30
>BRAFG469'GSFGTVYK	212	>BRAFG469'GSFVTYK	63	149
>BRAFG469'GSFGTVY	86	>BRAFG469'GSFVTY	83	3
>BRAFG469'GSFGTVY	197	>BRAFG469'GSFVTY	208	11
>BRAFG469'GSFGTVY	154	>BRAFG469'GSFVTY	89	65
>BRAFG469'GSFGTVY	4	>BRAFG469'GSFVTY	7	3
>BRAFG469'GSFGTVYK	241	>BRAFG469'GSFVTYK	170	71
>BRAFG469'IGSGSFGTV	1515	>BRAFG469'IGSGSFTV	273	1242
>BRAFG469'IGSGSFGTVI	304	>BRAFG469'IGSGSFTVYI	222	82
>BRAFG469'IGSGSFGTVYI	214	>BRAFG469'IGSGSFTVYI	86	128
>BRAFG469'IGSGSFGTVY	96	>BRAFG469'IGSGSFTVY	121	25
>BRAFG469'IGSGSFGTVY	370	>BRAFG469'IGSGSFTVY	518	148
>BRAFG469'IGSGSFGTVYI	762	>BRAFG469'IGSGSFTVYI	325	437
>BRAFG469'IGSGSFGTVY	146	>BRAFG469'IGSGSFTVY	137	9
>BRAFG469'IGSGSFGTVY	653	>BRAFG469'IGSGSFTVY	317	336
>BRAFG469'IGSGSFGTVY	554	>BRAFG469'IGSGSFTVY	392	162
>BRAFG469'RIGSGSFGTV	749	>BRAFG469'RIGSGSFTV	244	505
>BRAFG469'RIGSGSFG	18927	>BRAFG469'RIGSGSFV	206	18721
>BRAFG469'RIGSGSFGTV	163	>BRAFG469'RIGSGSFTV	94	69
>BRAFG469'RIGSGSFG	16932	>BRAFG469'RIGSGSFV	44	16888
>BRAFG469'RIGSGSFGTV	31	>BRAFG469'RIGSGSFTV	44	13
>BRAFG469'RIGSGSFG	19800	>BRAFG469'RIGSGSFV	61	19739
>BRAFG469'RIGSGSFGTV	617	>BRAFG469'RIGSGSFTV	218	399
>BRAFG469'RIGSGSFG	16764	>BRAFG469'RIGSGSFV	14	16750
>BRAFG469'RIGSGSFGTV	19	>BRAFG469'RIGSGSFTV	11	8
>BRAFG469'RIGSGSFG	20517	>BRAFG469'RIGSGSFV	152	20365
>BRAFG469'RIGSGSFGTV	163	>BRAFG469'RIGSGSFTV	45	118

>BRAFG469RIGSGSFG	19736	>BRAFG469RIGSGSFV	20	19716
>BRAFG469RIGSGSFGTV	69	>BRAFG469RIGSGSFVTV	19	50
>BRAFG469RIGSGSFG	23689	>BRAFG469RIGSGSFV	102	23587
>BRAFG469RIGSGSFGTV	256	>BRAFG469RIGSGSFVTV	54	202
>BRAFG469RIGSGSFG	28118	>BRAFG469RIGSGSFV	14	28104
>BRAFG469RIGSGSFGTV	14	>BRAFG469RIGSGSFVTV	6	8
>BRAFG469RIGSGSFGTV'	468	>BRAFG469RIGSGSFVTV'	353	115
>BRAFG469RIGSGSFGTV'	215	>BRAFG469RIGSGSFVTV'	292	77
>BRAFG469RIGSGSFGTV'	61	>BRAFG469RIGSGSFVTV'	62	1
>BRAFG469RIGSGSFGTV	1589	>BRAFG469RIGSGSFVTV	147	1442
>BRAFG469RIGSGSFGTV'	1181	>BRAFG469RIGSGSFVTV'	423	758
>BRAFG469RIGSGSFGTV	327	>BRAFG469RIGSGSFVTV	398	71
>BRAFG469RIGSGSFGTV'	30	>BRAFG469RIGSGSFVTV'	31	1
>BRAFG469RIGSGSFGTV'	50	>BRAFG469RIGSGSFVTV'	45	5
>BRAFG469RIGSGSFGTV'	451	>BRAFG469RIGSGSFVTV'	386	65
>BRAFG469RIGSGSFGTV'	451	>BRAFG469RIGSGSFVTV'	464	13
>BRAFG469RIGSGSFGTV'	77	>BRAFG469RIGSGSFVTV'	89	12
>BRAFG469QRIGSGSFG	9025	>BRAFG469QRIGSGSFV	396	8629
>BRAFG469QRIGSGSFGT	804	>BRAFG469QRIGSGSFVT	194	610
>BRAFG469QRIGSGSFGT	521	>BRAFG469QRIGSGSFVT	364	157
>BRAFG469QRIGSGSFGT	1877	>BRAFG469QRIGSGSFVT	380	1497
>BRAFG469GQRIGSGSFG	1973	>BRAFG469GQRIGSGSFV	337	1636
>BRAFG593IGDFGLATVKS	4813	>BRAFG593IDDFGLATVKS	374	4439
>BRAFG593IGDFGLATV	393	>BRAFG593IDDFGLATV	11944	11551
>BRAFG593IGDFGLATV	227	>BRAFG593IDDFGLATV	753	526
>BRAFG593IGDFGLATV	253	>BRAFG593IDDFGLATV	1970	1717
>BRAFG593FLHEDLTVKIC	334	>BRAFG593FLHEDLTVKIC	2355	2021
>BRAFG593KIGDFGLATV	53	>BRAFG593KIDDFGLATV	40	13
>BRAFG593KIGDFGLATV	34	>BRAFG593KIDDFGLATV	44	10
>BRAFG593KIGDFGLATV	12	>BRAFG593KIDDFGLATV	15	3
>BRAFG593KIGDFGLA	554	>BRAFG593KIDDFGLA	72	482
>BRAFG593KIGDFGLAT	2273	>BRAFG593KIDDFGLAT	264	2009
>BRAFG593KIGDFGLATV	59	>BRAFG593KIDDFGLATV	42	17
>BRAFG593KIGDFGLA	900	>BRAFG593KIDDFGLA	307	593
>BRAFG593KIGDFGLAT	1206	>BRAFG593KIDDFGLAT	367	839
>BRAFG593KIGDFGLATV	4	>BRAFG593KIDDFGLATV	3	1
>BRAFG593KIGDFGLATV	15	>BRAFG593KIDDFGLATV	8	7
>BRAFG593KIGDFGLATV	16	>BRAFG593KIDDFGLATV	9	7
>BRAFG593KIGDFGLATV	30	>BRAFG593KIDDFGLATV	20	10
>BRAFG593KIGDFGLATV	4	>BRAFG593KIDDFGLATV	4	0
>BRAFG593KIGDFGLATV	129	>BRAFG593KIDDFGLATV	221	92
>BRAFG593KIGDFGLATV	57	>BRAFG593KIDDFGLATV	59	2
>BRAFG593KIGDFGLATV	814	>BRAFG593KIDDFGLATV	167	647



>BRAF-G593IKIGDFGLATV	132	>BRAF-G593IKIDDFGLATV	846	714
>BRAF-G593IVKIGDFGLAT	144	>BRAF-G593IVKIDDFGLAT	72	72
>BRAF-G593IVKIGDFGLAT	785	>BRAF-G593IVKIDDFGLAT	352	433
>BRAF-G593IVKIGDFGLAT	835	>BRAF-G593IVKIDDFGLAT	459	376
>BRAF-G593LTVKIGDFGL	354	>BRAF-G593LTVKIDDFGL	274	80
>BRAF-G593LTVKIGDF	154	>BRAF-G593LTVKIDDF	129	25
>BRAF-G593LTVKIGDFGL	229	>BRAF-G593LTVKIDDFGL	116	113
>BRAF-G593LTVKIGDF	13	>BRAF-G593LTVKIDDF	24	11
>BRAF-G593LTVKIGDFGL	24	>BRAF-G593LTVKIDDFGL	42	18
>BRAF-G593LTVKIGDFGL	424	>BRAF-G593LTVKIDDFGL	1052	628
>BRAF-G593LTVKIGDF	118	>BRAF-G593LTVKIDDF	320	202
>BRAF-G593LTVKIGDFGL	380	>BRAF-G593LTVKIDDFGL	732	352
>BRAF-G593DLTVKIGDFG	205	>BRAF-G593DLTVKIDDFG	232	27
>BRAF-G596IGLATVKSR	9740	>BRAF-G596DLATVKSR	135	9605
>BRAF-G596IGLATVKSR	658	>BRAF-G596DLATVKSR	41	617
>BRAF-G596IGLATVKSRW	242	>BRAF-G596DLATVKSRW	7596	7354
>BRAF-G596FGLATVKSRM	98	>BRAF-G596FDLATVKSRM	2752	2654
>BRAF-G596FGLATVKSRM	499	>BRAF-G596FDLATVKSRM	10675	10176
>BRAF-G596FGLATVKSRM	45	>BRAF-G596FDLATVKSRM	5503	5458
>BRAF-G596FGLATVKSRM	215	>BRAF-G596FDLATVKSRM	292	77
>BRAF-G596DFGLATVKSR	205	>BRAF-G596DFDLATVKSR	299	94
>BRAF-G596DFGLATVKSR	246	>BRAF-G596DFDLATVKSR	1520	1274
>BRAF-G596GDFGLATV	393	>BRAF-G596IGDFDLATV	506	113
>BRAF-G596GDFGLATV	594	>BRAF-G596IGDFDLATV	303	291
>BRAF-G596GDFGLATV	227	>BRAF-G596IGDFDLATV	106	121
>BRAF-G596IGDFGLATV	253	>BRAF-G596IGDFDLATV	412	159
>BRAF-G596IKIGDFGLATV	53	>BRAF-G596IKIGDFDLATV	37	16
>BRAF-G596IKIGDFGLA	1135	>BRAF-G596IKIGDFDLA	419	716
>BRAF-G596IKIGDFGLATV	34	>BRAF-G596IKIGDFDLATV	35	1
>BRAF-G596IKIGDFGLATV	12	>BRAF-G596IKIGDFDLATV	20	8
>BRAF-G596IKIGDFGLA	554	>BRAF-G596IKIGDFDLA	243	311
>BRAF-G596IKIGDFGLATV	59	>BRAF-G596IKIGDFDLATV	53	6
>BRAF-G596IKIGDFGLATV	4	>BRAF-G596IKIGDFDLATV	7	3
>BRAF-G596IKIGDFGLATV	15	>BRAF-G596IKIGDFDLATV	14	1
>BRAF-G596IKIGDFGLATV	16	>BRAF-G596IKIGDFDLATV	20	4
>BRAF-G596IKIGDFGLATV	30	>BRAF-G596IKIGDFDLATV	42	12
>BRAF-G596IKIGDFGLATV	4	>BRAF-G596IKIGDFDLATV	4	0
>BRAF-G596IKIGDFGLATV	129	>BRAF-G596IKIGDFDLATV	263	134
>BRAF-G596IKIGDFGLATV	57	>BRAF-G596IKIGDFDLATV	74	17
>BRAF-G596IKIGDFGLATV	509	>BRAF-G596IKIGDFDLATV	491	18
>BRAF-G596IKIGDFGLATV	132	>BRAF-G596IKIGDFDLATV	89	43
>BRAF-G596IVKIGDFGLAT	144	>BRAF-G596IVKIGDFDLAT	111	33
>BRAF-G596LTVKIGDFGL	354	>BRAF-G596LTVKIGDFDL	1897	1543

>BRAFG596ILTVKIGDFGL/	986	>BRAFG596ILTVKIGDFDL/	408	578
>BRAFG596ILTVKIGDFGL/	229	>BRAFG596ILTVKIGDFDL/	194	35
>BRAFG596ILTVKIGDFGL	24	>BRAFG596ILTVKIGDFDL	82	58
>BRAFG596ILTVKIGDFGL	424	>BRAFG596ILTVKIGDFDL	745	321
>BRAFG596ILTVKIGDFGL/	380	>BRAFG596ILTVKIGDFDL/	611	231
>BRAFG596DLTVKIGDFG	205	>BRAFG596DLTVKIGDFD	506	301
>BRAFG596GLATVKSR	2178	>BRAFG596RLATVKSR	255	1923
>BRAFG596GLATVKSR	697	>BRAFG596RLATVKSR	49	648
>BRAFG596GLATVKSRW	3071	>BRAFG596RLATVKSRW	251	2820
>BRAFG596GLATVKSRW	1001	>BRAFG596RLATVKSRW	22	979
>BRAFG596GLATVKSRW	242	>BRAFG596RLATVKSRW	180	62
>BRAFG596GLATVKSR	4920	>BRAFG596RLATVKSR	134	4786
>BRAFG596FGLATVKSR	3076	>BRAFG596FRLATVKSR	128	2948
>BRAFG596FGLATVKSRM	7821	>BRAFG596FRLATVKSRM	353	7468
>BRAFG596FGLATVKSRM	98	>BRAFG596FRLATVKSRM	3590	3492
>BRAFG596FGLATVKS	23135	>BRAFG596FRLATVKS	358	22777
>BRAFG596FGLATVKSR	18828	>BRAFG596FRLATVKSR	44	18784
>BRAFG596FGLATVKSRM	499	>BRAFG596FRLATVKSRM	14283	13784
>BRAFG596FGLATVKSRM	45	>BRAFG596FRLATVKSRM	6677	6632
>BRAFG596FGLATVKSRM	215	>BRAFG596FRLATVKSRM	367	152
>BRAFG596FGLATVKSRM	5878	>BRAFG596FRLATVKSRM	157	5721
>BRAFG596EDLTVKIGDFI	37657	>BRAFG596EDLTVKIGDFI	192	37465
>BRAFG596DFGLATVKSR	1561	>BRAFG596DFRLATVKSR	303	1258
>BRAFG596DFGLATVK	1319	>BRAFG596DFRLATVK	141	1178
>BRAFG596DFGLATVKSR	205	>BRAFG596DFRLATVKSR	80	125
>BRAFG596DFGLATVKSR	246	>BRAFG596DFRLATVKSR	675	429
>BRAFG596GDFGLATV	393	>BRAFG596IGDFRLATV	578	185
>BRAFG596GDFGLATV	594	>BRAFG596IGDFRLATV	346	248
>BRAFG596GDFGLATV	227	>BRAFG596IGDFRLATV	156	71
>BRAFG596IGDFGLATV	253	>BRAFG596IGDFRLATV	451	198
>BRAFG596KIGDFGLATV	53	>BRAFG596KIGDFRLATV	57	4
>BRAFG596KIGDFGLATV	34	>BRAFG596KIGDFRLATV	52	18
>BRAFG596KIGDFGLATV	12	>BRAFG596KIGDFRLATV	19	7
>BRAFG596KIGDFGLATV	59	>BRAFG596KIGDFRLATV	64	5
>BRAFG596KIGDFGLATV	4	>BRAFG596KIGDFRLATV	11	7
>BRAFG596KIGDFGLATV	15	>BRAFG596KIGDFRLATV	50	35
>BRAFG596KIGDFGLATV	16	>BRAFG596KIGDFRLATV	54	38
>BRAFG596KIGDFGLATV	30	>BRAFG596KIGDFRLATV	144	114
>BRAFG596KIGDFGLATV	4	>BRAFG596KIGDFRLATV	4	0
>BRAFG596KIGDFGLATV	129	>BRAFG596KIGDFRLATVI	99	30
>BRAFG596KIGDFGLATV	57	>BRAFG596KIGDFRLATVI	49	8
>BRAFG596KIGDFGLATV	563	>BRAFG596KIGDFRLATVI	210	353
>BRAFG596KIGDFGLATV	509	>BRAFG596KIGDFRLATV	381	128

>BRAFG596IKIGDFGLATV	132	>BRAFG596IKIGDFRLATVI	115	17
>BRAFG596IVKIGDFGLAT	144	>BRAFG596IVKIGDFRLATV	228	84
>BRAFG596ITVKIGDFG	18497	>BRAFG596ITVKIGDFR	27	18470
>BRAFG596ITVKIGDFG	29815	>BRAFG596ITVKIGDFR	76	29739
>BRAFG596ITVKIGDFG	23246	>BRAFG596ITVKIGDFR	10	23236
>BRAFG596LTVKIGDFGL	354	>BRAFG596LTVKIGDFRL	1351	997
>BRAFG596LTVKIGDFG	21440	>BRAFG596LTVKIGDFR	66	21374
>BRAFG596LTVKIGDFG	35330	>BRAFG596LTVKIGDFR	436	34894
>BRAFG596LTVKIGDFG	12412	>BRAFG596LTVKIGDFR	4	12408
>BRAFG596LTVKIGDFGL	229	>BRAFG596LTVKIGDFRL	636	407
>BRAFG596LTVKIGDFGL	24	>BRAFG596LTVKIGDFRL	22	2
>BRAFG596LTVKIGDFGL	424	>BRAFG596LTVKIGDFRL	366	58
>BRAFG596LTVKIGDFGL	380	>BRAFG596LTVKIGDFRL	649	269
>BRAFG596DLTVKIGDFG	205	>BRAFG596DLTVKIGDFR	183	22
>BRAFG596DLTVKIGDFG	23048	>BRAFG596DLTVKIGDFR	83	22965
>BRAFG596DLTVKIGDFG	34308	>BRAFG596DLTVKIGDFR	79	34229
>BRAFG596GLATVKSR	697	>BRAFG596GLATVKSR	377	320
>BRAFG596GLATVKSR	658	>BRAFG596GLATVKSR	105	553
>BRAFG596GLATVKSRW	242	>BRAFG596GLATVKSRW	252	10
>BRAFG596FGLATVKSR	3171	>BRAFG596FSLATVKSR	199	2972
>BRAFG596FGLATVKSR	3076	>BRAFG596FSLATVKSR	281	2795
>BRAFG596FGLATVKSRW	98	>BRAFG596FSLATVKSRW	5	93
>BRAFG596FGLATVKSRW	499	>BRAFG596FSLATVKSRW	46	453
>BRAFG596FGLATVKSRW	45	>BRAFG596FSLATVKSRW	10	35
>BRAFG596FGLATVKSRW	215	>BRAFG596FSLATVKSRW	94	121
>BRAFG596DFGLATVKSR	1561	>BRAFG596DFSLATVKSR	312	1249
>BRAFG596DFGLATVKSR	205	>BRAFG596DFSLATVKSR	81	124
>BRAFG596DFGLATVK	2741	>BRAFG596DFSLATVK	457	2284
>BRAFG596DFGLATVKSR	246	>BRAFG596DFSLATVKSR	469	223
>BRAFG596GDFGLATV	393	>BRAFG596GDFSLATV	562	169
>BRAFG596GDFGLATV	594	>BRAFG596GDFSLATV	266	328
>BRAFG596GDFGLATV	227	>BRAFG596GDFSLATV	95	132
>BRAFG596IGDFGLATV	253	>BRAFG596IGDFSLATV	438	185
>BRAFG596KIGDFGLATV	53	>BRAFG596KIGDFSLATV	38	15
>BRAFG596KIGDFGLA	1135	>BRAFG596KIGDFSLA	281	854
>BRAFG596KIGDFGLATV	34	>BRAFG596KIGDFSLATV	26	8
>BRAFG596KIGDFGLA	701	>BRAFG596KIGDFSLA	250	451
>BRAFG596KIGDFGLATV	12	>BRAFG596KIGDFSLATV	12	0
>BRAFG596KIGDFGLA	554	>BRAFG596KIGDFSLA	165	389
>BRAFG596KIGDFGLATV	59	>BRAFG596KIGDFSLATV	49	10
>BRAFG596KIGDFGLATV	4	>BRAFG596KIGDFSLATV	5	1
>BRAFG596KIGDFGLATV	15	>BRAFG596KIGDFSLATV	10	5
>BRAFG596KIGDFGLATV	16	>BRAFG596KIGDFSLATV	17	1

>BRAFG596!KIGDFGLATV	30	>BRAFG596!KIGDFSLATV	14	16
>BRAFG596!KIGDFGLA	1379	>BRAFG596!KIGDFSLA	345	1034
>BRAFG596!KIGDFGLATV	4	>BRAFG596!KIGDFSLATV	4	0
>BRAFG596!KIGDFGLATV	129	>BRAFG596!KIGDFSLATV†	93	36
>BRAFG596!KIGDFGLATV	57	>BRAFG596!KIGDFSLATV†	46	11
>BRAFG596!KIGDFGLATV	563	>BRAFG596!KIGDFSLATV†	268	295
>BRAFG596!KIGDFGLATV	509	>BRAFG596!KIGDFSLATV	256	253
>BRAFG596!KIGDFGLATV	814	>BRAFG596!KIGDFSLATV	444	370
>BRAFG596!KIGDFGLATV	132	>BRAFG596!KIGDFSLATV†	98	34
>BRAFG596!VKIGDFGLAT	144	>BRAFG596!VKIGDFSLAT\	116	28
>BRAFG596!VKIGDFGL	1129	>BRAFG596!VKIGDFSL	176	953
>BRAFG596!VKIGDFGLAT	835	>BRAFG596!VKIGDFSLAT\	201	634
>BRAFG596!LTVKIGDFGL	537	>BRAFG596!LTVKIGDFSL	299	238
>BRAFG596!LTVKIGDFGL	354	>BRAFG596!LTVKIGDFSL	382	28
>BRAFG596!LTVKIGDFGL/	986	>BRAFG596!LTVKIGDFSLA	445	541
>BRAFG596!LTVKIGDFGL/	229	>BRAFG596!LTVKIGDFSLA	183	46
>BRAFG596!LTVKIGDFGL	24	>BRAFG596!LTVKIGDFSL	27	3
>BRAFG596!LTVKIGDFGL	424	>BRAFG596!LTVKIGDFSL	188	236
>BRAFG596!LTVKIGDFGL	949	>BRAFG596!LTVKIGDFSL	364	585
>BRAFG596!LTVKIGDFGL/	380	>BRAFG596!LTVKIGDFSLA	87	293
>BRAFG596!DLTVKIGDFG	205	>BRAFG596!DLTVKIGDFSI	167	38
>BRAFG606!GSHQFEQL	406	>BRAFG606!ESHQFEQL	864	458
>BRAFG606!GSHQFEQL	19262	>BRAFG606!ESHQFEQL	466	18796
>BRAFG606!GSHQFEQL	240	>BRAFG606!ESHQFEQL	579	339
>BRAFG606!SGSHQFEQL	23777	>BRAFG606!SESHQFEQL	123	23654
>BRAFG606!SGSHQFEQL	21952	>BRAFG606!SESHQFEQL	86	21866
>BRAFG606!SGSHQFEQL	38791	>BRAFG606!SESHQFEQL	142	38649
>BRAFG606!SGSHQFEQL	26917	>BRAFG606!SESHQFEQL	38	26879
>BRAFG606!WSGSHQFEQ	796	>BRAFG606!WSESHQFEQ	375	421
>BRAFG606!RWSGSHQF	60	>BRAFG606!RWSESHQF	57	3
>BRAFG606!RWSGSHQF	78	>BRAFG606!RWSESHQF	81	3
>BRAFG606!RWSGSHQFE	328	>BRAFG606!RWSESHQFE†	402	74
>BRAFG606!RWSGSHQF	6	>BRAFG606!RWSESHQF	6	0
>BRAFG606!RWSGSHQFE	14	>BRAFG606!RWSESHQFE†	18	4
>BRAFG606!RWSGSHQF	664	>BRAFG606!RWSESHQF	287	377
>BRAFG606!RWSGSHQF	144	>BRAFG606!RWSESHQF	139	5
>BRAFG606!RWSGSHQFE	57	>BRAFG606!RWSESHQFE	60	3
>BRAFG606!RWSGSHQFE	116	>BRAFG606!RWSESHQFE†	98	18
>BRAFG606!SRWSGSHQF	8	>BRAFG606!SRWSESHQF	9	1
>BRAFG606!SRWSGSHQF	37	>BRAFG606!SRWSESHQF	61	24
>BRAFG606!SRWSGSHQF	327	>BRAFG606!SRWSESHQFI	537	210
>BRAFG606!SRWSGSHQF	147	>BRAFG606!SRWSESHQF	655	508
>BRAFG606!KSRWSGSH	55	>BRAFG606!KSRWSESH	330	275

>BRAFG606IKSRWSGSHQ	24	>BRAFG606IKSRWSESHQ	56	32
>BRAFG606IKSRWSGSHQ	44	>BRAFG606IKSRWSESHQ	117	73
>BRAFG606IKSRWSGSHQ	23	>BRAFG606IKSRWSESHQ	39	16
>BRAFG606IKSRWSGSHQ	93	>BRAFG606IKSRWSESHQ	319	226
>BRAFG606IKSRWSGSHQ	14	>BRAFG606IKSRWSESHQ	21	7
>BRAFG606IKSRWSGSH	31	>BRAFG606IKSRWSESH	56	25
>BRAFG606IKSRWSGSHQ	51	>BRAFG606IKSRWSESHQ	169	118
>BRAFG606IKSRWSGSHQ	2	>BRAFG606IKSRWSESHQ	3	1
>BRAFG606IKSRWSGSHQ	186	>BRAFG606IKSRWSESHQ	309	123
>BRAFG606IKSRWSGSHQ	73	>BRAFG606IKSRWSESHQ	56	17
>BRAFG606IKSRWSGSHQ	24	>BRAFG606IKSRWSESHQ	20	4
>BRAFG606IKSRWSGSH	333	>BRAFG606IKSRWSESH	1074	741
>BRAFG606IKSRWSGSHQ	193	>BRAFG606IKSRWSESHQ	790	597
>BRAFG606IKSRWSGSHQ	72	>BRAFG606IKSRWSESHQ	86	14
>BRAFG606IKSRWSGSH	1530	>BRAFG606IKSRWSESH	323	1207
>BRAFG606IKSRWSGSH	9	>BRAFG606IKSRWSESH	6	3
>BRAFG606IATVKSRWSG	451	>BRAFG606IATVKSRWSE	551	100
>BRAFG606IGSHQFEQL	406	>BRAFG606ILSHQFEQL	45	361
>BRAFG606IGSHQFEQL	240	>BRAFG606ILSHQFEQL	60	180
>BRAFG606IGSHQFEQL	1171	>BRAFG606ILSHQFEQL	191	980
>BRAFG606ISGSHQFEQL	22071	>BRAFG606ISLSHQFEQL	284	21787
>BRAFG606ISGSHQFEQ	19940	>BRAFG606ISLSHQFEQ	282	19658
>BRAFG606ISGSHQFEQL	2843	>BRAFG606ISLSHQFEQL	6	2837
>BRAFG606ISGSHQFEQL	17348	>BRAFG606ISLSHQFEQL	51	17297
>BRAFG606ISGSHQFEQL	8085	>BRAFG606ISLSHQFEQL	231	7854
>BRAFG606ISGSHQFEQL	20462	>BRAFG606ISLSHQFEQL	59	20403
>BRAFG606ISGSHQFEQL	24638	>BRAFG606ISLSHQFEQL	237	24401
>BRAFG606ISGSHQFEQL	17910	>BRAFG606ISLSHQFEQL	46	17864
>BRAFG606ISGSHQFEQ	32914	>BRAFG606ISLSHQFEQ	103	32811
>BRAFG606ISGSHQFEQL	24038	>BRAFG606ISLSHQFEQL	6	24032
>BRAFG606IGLATVKSRW	18216	>BRAFG606IGLATVKSRW	133	18083
>BRAFG606IGLATVKSRW	2495	>BRAFG606IGLATVKSRW	10	2485
>BRAFG606IGLATVKSRW	8648	>BRAFG606IGLATVKSRW	58	8590
>BRAFG606IGLATVKSRW	13402	>BRAFG606IGLATVKSRW	359	13043
>BRAFG606IGLATVKSRW	6064	>BRAFG606IGLATVKSRW	36	6028
>BRAFG606IGLATVKSRW	8228	>BRAFG606IGLATVKSRW	51	8177
>BRAFG606IGLATVKSRW	5897	>BRAFG606IGLATVKSRW	20	5877
>BRAFG606IGLATVKSRW	22497	>BRAFG606IGLATVKSRW	437	22060
>BRAFG606IGLATVKSRW	3476	>BRAFG606IGLATVKSRW	4	3472
>BRAFG606IWSGSHQFEQ	2715	>BRAFG606IWSLSHQFEQ	363	2352
>BRAFG606IWSGSHQFEQ	3081	>BRAFG606IWSLSHQFEQ	313	2768
>BRAFG606IWSGSHQFEQ	796	>BRAFG606IWSLSHQFEQ	71	725
>BRAFG606IWSGSHQF	60	>BRAFG606IWSLSHQF	109	49

>BRAFG606IRWSGSHQF	78	>BRAFG606IRWSLSHQF	79	1
>BRAFG606IRWSGSHQFE	328	>BRAFG606IRWSLSHQFE	388	60
>BRAFG606IRWSGSHQF	6	>BRAFG606IRWSLSHQF	10	4
>BRAFG606IRWSGSHQFE	14	>BRAFG606IRWSLSHQFE	32	18
>BRAFG606IRWSGSHQF	144	>BRAFG606IRWSLSHQF	135	9
>BRAFG606IRWSGSHQFE	57	>BRAFG606IRWSLSHQFE	75	18
>BRAFG606IRWSGSHQFE	116	>BRAFG606IRWSLSHQFE	110	6
>BRAFG606ISRWSGSHQF	8	>BRAFG606ISRWSLSHQF	13	5
>BRAFG606ISRWSGSHQ	528	>BRAFG606ISRWSLSHQ	259	269
>BRAFG606ISRWSGSHQF	37	>BRAFG606ISRWSLSHQF	22	15
>BRAFG606ISRWSGSHQF	538	>BRAFG606ISRWSLSHQFE	200	338
>BRAFG606ISRWSGSHQF	327	>BRAFG606ISRWSLSHQFE	167	160
>BRAFG606ISRWSGSHQF	503	>BRAFG606ISRWSLSHQF	243	260
>BRAFG606ISRWSGSHQF	147	>BRAFG606ISRWSLSHQF	81	66
>BRAFG606IKRWSGSH	55	>BRAFG606IKRWSLSH	25	30
>BRAFG606IKRWSGSHQ	24	>BRAFG606IKRWSLSHQ	15	9
>BRAFG606IKRWSGSHQ	44	>BRAFG606IKRWSLSHQI	38	6
>BRAFG606IKRWSGSHQ	23	>BRAFG606IKRWSLSHQI	17	6
>BRAFG606IKRWSGSHQ	518	>BRAFG606IKRWSLSHQI	269	249
>BRAFG606IKRWSGSHQ	93	>BRAFG606IKRWSLSHQI	136	43
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>BRAFG606IKRWSGSH	31	>BRAFG606IKRWSLSH	14	17
>BRAFG606IKRWSGSHQ	51	>BRAFG606IKRWSLSHQ	59	8
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>BRAFG606IKRWSGSHQ	186	>BRAFG606IKRWSLSHQI	214	28
>BRAFG606IKRWSGSHQ	73	>BRAFG606IKRWSLSHQI	58	15
>BRAFG606IKRWSGSHQ	24	>BRAFG606IKRWSLSHQI	18	6
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>BRAFG606IKRWSGSHQ	193	>BRAFG606IKRWSLSHQ	256	63
>BRAFG606IKRWSGSHQ	72	>BRAFG606IKRWSLSHQI	81	9
>BRAFG606IVKSRWSGSH	1530	>BRAFG606IVKSRWSLSH	162	1368
>BRAFG606IVKSRWSGSH	9	>BRAFG606IVKSRWSLSHC	7	2
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>BRAFG606ITVKSRSWGS	1526	>BRAFG606ITVKSRSWSLS	453	1073
>BRAFG606ITVKSRSWG	1738	>BRAFG606ITVKSRSWSL	58	1680
>BRAFG606IATVKSRSWG	15233	>BRAFG606IATVKSRSWSL	198	15035
>BRAFG606IATVKSRSWG	20259	>BRAFG606IATVKSRSWSL	499	19760
>BRAFG606IATVKSRSWG	12363	>BRAFG606IATVKSRSWSL	409	11954
>BRAFG606IATVKSRSWG	6351	>BRAFG606IATVKSRSWSL	8	6343
>BRAFG606IATVKSRSWG:	660	>BRAFG606IATVKSRSWSLS	210	450
>BRAFG606IATVKSRSWG	9109	>BRAFG606IATVKSRSWSL	99	9010
>BRAFG606IATVKSRSWG:	451	>BRAFG606IATVKSRSWSLS	627	176
>BRAFG606LATVKSRSWSC	16271	>BRAFG606LATVKSRSWSL	218	16053

>BRAFG606IGSHQFEQL	406	>BRAFG606IRSHQFEQL	41	365
>BRAFG606IGSHQFEQL	8401	>BRAFG606IRSHQFEQL	488	7913
>BRAFG606IGSHQFEQLSC	6226	>BRAFG606IRSHQFEQLSC	187	6039
>BRAFG606IGSHQFEQL	5602	>BRAFG606IRSHQFEQL	274	5328
>BRAFG606IGSHQFEQL	240	>BRAFG606IRSHQFEQL	10	230
>BRAFG606IGSHQFEQL	7447	>BRAFG606IRSHQFEQL	402	7045
>BRAFG606IGSHQFEQL	11790	>BRAFG606IRSHQFEQL	345	11445
>BRAFG606IGSHQFEQL	10517	>BRAFG606IRSHQFEQL	388	10129
>BRAFG606IGSHQFEQL	22002	>BRAFG606IRSHQFEQL	428	21574
>BRAFG606IGSHQFEQL	1171	>BRAFG606IRSHQFEQL	90	1081
>BRAFG606ISGSHQFEQL	10482	>BRAFG606ISRSHQFEQL	402	10080
>BRAFG606ISGSHQFEQL	26934	>BRAFG606ISRSHQFEQL	254	26680
>BRAFG606IGLATVKSRW!	20349	>BRAFG606IGLATVKSRW!	87	20262
>BRAFG606IGLATVKSRW!	39318	>BRAFG606IGLATVKSRW!	213	39105
>BRAFG606IWSGSHQFEQ	3081	>BRAFG606IWSRSHQFEQ	226	2855
>BRAFG606IWSGSHQFEQ	796	>BRAFG606IWSRSHQFEQ	39	757
>BRAFG606IWSGSHQFEQ	865	>BRAFG606IWSRSHQFEQ	270	595
>BRAFG606IWSGSHQF	60	>BRAFG606IWSRSHQF	53	7
>BRAFG606IWSGSHQF	78	>BRAFG606IWSRSHQF	47	31
>BRAFG606IWSGSHQFE	328	>BRAFG606IWSRSHQFE	207	121
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>BRAFG606IWSGSHQFE	116	>BRAFG606IWSRSHQFE	117	1
>BRAFG606ISRWSGSHQF	8	>BRAFG606ISRWSRSHQF	11	3
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>BRAFG606ISRWSGSHQF	538	>BRAFG606ISRWSRSHQF	298	240
>BRAFG606ISRWSGSHQF	327	>BRAFG606ISRWSRSHQF	228	99
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>BRAFG606ISRWSGSHQF	147	>BRAFG606ISRWSRSHQF	81	66
>BRAFG606IKSRWSGSH	55	>BRAFG606IKSRWSRSH	26	29
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>BRAFG606IKSRWSGSHQ	44	>BRAFG606IKSRWSRSHQ	20	24
>BRAFG606IKSRWSGSHQ	23	>BRAFG606IKSRWSRSHQ	10	13
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>BRAFG606IKSRWSGSH	31	>BRAFG606IKSRWSRSH	48	17
>BRAFG606IKSRWSGSHQ	51	>BRAFG606IKSRWSRSHQ	205	154
>BRAFG606IKSRWSGSHQ	2	>BRAFG606IKSRWSRSHQ	2	0

>BRAFG606IKSRWSGSHQ	186	>BRAFG606IKSRWSRSHQ	413	227
>BRAFG606IKSRWSGSHQ	73	>BRAFG606IKSRWSRSHQ	59	14
>BRAFG606IKSRWSGSHQ	24	>BRAFG606IKSRWSRSHQ	27	3
>BRAFG606IKSRWSGSH	333	>BRAFG606IKSRWSRSH	252	81
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>BRAFG606IKSRWSGSHQ	72	>BRAFG606IKSRWSRSHQ	89	17
>BRAFG606IVKSRWSGSH	1530	>BRAFG606IVKSRWSRSH	337	1193
>BRAFG606IVKSRWSGSH	9	>BRAFG606IVKSRWSRSH	7	2
>BRAFG606ITVKSRWSG	1158	>BRAFG606ITVKSRWSR	403	755
>BRAFG606ITVKSRWSG	13668	>BRAFG606ITVKSRWSR	11	13657
>BRAFG606ITVKSRWSG	16588	>BRAFG606ITVKSRWSR	19	16569
>BRAFG606ITVKSRWSG	26621	>BRAFG606ITVKSRWSR	20	26601
>BRAFG606IATVKSRWSG	18818	>BRAFG606IATVKSRWSR	78	18740
>BRAFG606IATVKSRWSG	17806	>BRAFG606IATVKSRWSR	18	17788
>BRAFG606IATVKSRWSG	35033	>BRAFG606IATVKSRWSR	227	34806
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>BRAFG606IATVKSRWSG	451	>BRAFG606IATVKSRWSR	810	359
>BRAFG606IATVKSRWSG	8540	>BRAFG606IATVKSRWSR	185	8355
>BRAFG606LATVKSRWSC	19510	>BRAFG606LATVKSRWSF	41	19469
>BRAFG606LATVKSRWSC	37052	>BRAFG606LATVKSRWSF	181	36871
>BRAFG615IGSILWMAPE	412	>BRAFG615IRSILWMAPE	192	220
>BRAFG615IGSILWMAPE	2008	>BRAFG615IRSILWMAPE	80	1928
>BRAFG615IGSILWMAPE	1723	>BRAFG615IRSILWMAPE	402	1321
>BRAFG615IGSILWMAPE	770	>BRAFG615IRSILWMAPE	212	558
>BRAFG615IGSILWMAPE	4123	>BRAFG615IRSILWMAPE	74	4049
>BRAFG615IGSILWMAPE	295	>BRAFG615IRSILWMAPE	11	284
>BRAFG615IGSILWMAPE	336	>BRAFG615IRSILWMAPE	14	322
>BRAFG615IGSILWMAPE	2195	>BRAFG615IRSILWMAPE	38	2157
>BRAFG615IGSILWMAPE	1137	>BRAFG615IRSILWMAPE	137	1000
>BRAFG615IGSILWMAPE	257	>BRAFG615IRSILWMAPE	26	231
>BRAFG615ISGSILWMAPI	28911	>BRAFG615ISRSILWMAPE	468	28443
>BRAFG615ISGSILWMAPI	27382	>BRAFG615ISRSILWMAPE	133	27249
>BRAFG615ISGSHQFEQLS	17545	>BRAFG615ISGSHQFEQLS	493	17052
>BRAFG615ISGSILWMA	395	>BRAFG615ILRSILWMA	1891	1496
>BRAFG615ISGSILWM	13902	>BRAFG615ILRSILWM	135	13767
>BRAFG615ISGSILWMA	14615	>BRAFG615ILRSILWMA	119	14496
>BRAFG615ISGSILWMAF	15257	>BRAFG615ILRSILWMAF	329	14928
>BRAFG615ISGSILWM	140	>BRAFG615ILRSILWM	11	129
>BRAFG615ISGSILWM	630	>BRAFG615ILRSILWM	431	199
>BRAFG615ISGSILWMA	4765	>BRAFG615ILRSILWMA	377	4388
>BRAFG615IQLSGSILWM	71	>BRAFG615IQLRSILWM	220	149
>BRAFG615IQLSGSILWM	51	>BRAFG615IQLRSILWM	212	161
>BRAFG615IQLSGSILWM	31	>BRAFG615IQLRSILWM	78	47



>BRAF-G615IQLSGSILWM	231	>BRAF-G615IQLRSILWM	554	323
>BRAF-G615IQLSGSILWM/	89	>BRAF-G615IQLRSILWM/	144	55
>BRAF-G615IQLSGSILWM/	156	>BRAF-G615IQLRSILWM/	508	352
>BRAF-G615IQLSGSILWM	335	>BRAF-G615IQLRSILWM	964	629
>BRAF-G615IQLSGSILWM/	27	>BRAF-G615IQLRSILWM/	73	46
>BRAF-G615IQLSGSILWM/	413	>BRAF-G615IQLRSILWM/	411	2
>BRAF-G615IQLSGSILWM/	82	>BRAF-G615IQLRSILWM/	227	145
>BRAF-G615IQLSGSILWM/	102	>BRAF-G615IQLRSILWM/	550	448
>BRAF-G615IQLSGSILWM	17	>BRAF-G615IQLRSILWM	100	83
>BRAF-G615IQLSGSILWM/	5	>BRAF-G615IQLRSILWM/	11	6
>BRAF-G615IQLSGSILW	207	>BRAF-G615IQLRSILW	143	64
>BRAF-G615IQLSGSILWN	53	>BRAF-G615IQLRSILWN	89	36
>BRAF-G615IQLSGSILWN	307	>BRAF-G615IQLRSILWN	686	379
>BRAF-G615IQLSGSILWN	355	>BRAF-G615IQLRSILWN	438	83
>BRAF-G615IQLSGSILWN	399	>BRAF-G615IQLRSILWN	1162	763
>BRAF-G615IQLSGSIL	51	>BRAF-G615IQLRSIL	77	26
>BRAF-G615IQLSGSILWN	277	>BRAF-G615IQLRSILWN	267	10
>BRAF-G615IQLSGSIL	28	>BRAF-G615IQLRSIL	43	15
>BRAF-G615IQLSGSILW	460	>BRAF-G615IQLRSILW	631	171
>BRAF-G615IQLSGSILW	245	>BRAF-G615IQLRSILW	405	160
>BRAF-G615IFEQLSGSI	4	>BRAF-G615IFEQLRSI	4	0
>BRAF-G615IFEQLSGSIL	177	>BRAF-G615IFEQLRSIL	41	136
>BRAF-G615IFEQLSGSILW	377	>BRAF-G615IFEQLRSILW	110	267
>BRAF-G615IFEQLSGSILW	129	>BRAF-G615IFEQLRSILWI	47	82
>BRAF-G615IFEQLSGSIL	436	>BRAF-G615IFEQLRSIL	290	146
>BRAF-G615IFEQLSGSI	277	>BRAF-G615IFEQLRSI	656	379
>BRAF-G615IFEQLSGSIL	34	>BRAF-G615IFEQLRSIL	74	40
>BRAF-G615IFEQLSGSILW	243	>BRAF-G615IFEQLRSILWI	475	232
>BRAF-G615IFEQLSGSI	176	>BRAF-G615IFEQLRSI	104	72
>BRAF-G615IFEQLSGSIL	71	>BRAF-G615IFEQLRSIL	57	14
>BRAF-G615IFEQLSGSILW	1002	>BRAF-G615IFEQLRSILW	482	520
>BRAF-G615IFEQLSGSILW	385	>BRAF-G615IFEQLRSILWI	350	35
>BRAF-G615IFEQLSGSILW	72	>BRAF-G615IFEQLRSILW	70	2
>BRAF-G615IFEQLSGSILW	288	>BRAF-G615IFEQLRSILW	216	72
>BRAF-G615IFEQLSGSI	36	>BRAF-G615IFEQLRSI	23	13
>BRAF-G615IFEQLSGSIL	81	>BRAF-G615IFEQLRSIL	37	44
>BRAF-G615IFEQLSGSILW	217	>BRAF-G615IFEQLRSILW	770	553
>BRAF-G615IFEQLSGSILW	508	>BRAF-G615IFEQLRSILWI	309	199
>BRAF-G615IFEQLSGSILW	311	>BRAF-G615IFEQLRSILW	404	93
>BRAF-G615IQFEQLSGSI	496	>BRAF-G615IQFEQLRSI	2218	1722
>BRAF-G615IQFEQLSGSIL	509	>BRAF-G615IQFEQLRSIL	426	83
>BRAF-G615IQFEQLSGSI	34	>BRAF-G615IQFEQLRSI	40	6
>BRAF-G615IQFEQLSGSI	256	>BRAF-G615IQFEQLRSII	372	116

>BRAF-G615I HQFEQLSGSI	308	>BRAF-G615I HQFEQLSRSI	552	244
>BRAF-G615I HQFEQLSGSI	196	>BRAF-G615I HQFEQLSRSII	380	184
>BRAF-G615I HQFEQLSGS	121	>BRAF-G615I HQFEQLSRS	637	516
>BRAF-G615I HQFEQLSGSI	89	>BRAF-G615I HQFEQLSRSII	157	68
>BRAF-G615I HQFEQLSGSI	412	>BRAF-G615I HQFEQLSRSI	500	88
>BRAF-G615I HQFEQLSGSI	432	>BRAF-G615I HQFEQLSRSII	1324	892
>BRAF-G615I HQFEQLSG	19147	>BRAF-G615I HQFEQLSR	50	19097
>BRAF-G615I HQFEQLSGSI	442	>BRAF-G615I HQFEQLSRSI	144	298
>BRAF-G615I HQFEQLSG	35201	>BRAF-G615I HQFEQLSR	400	34801
>BRAF-G615I HQFEQLSG	38990	>BRAF-G615I HQFEQLSR	287	38703
>BRAF-G615I HQFEQLSGSI	185	>BRAF-G615I HQFEQLSRSI	232	47
>BRAF-G615I HQFEQLSGSI	183	>BRAF-G615I HQFEQLSRSII	325	142
>BRAF-G615I HQFEQLSGSI	157	>BRAF-G615I HQFEQLSRSII	451	294
>BRAF-G615I HQFEQLSG	2303	>BRAF-G615I HQFEQLSR	104	2199
>BRAF-G615I HQFEQLSGSI	70	>BRAF-G615I HQFEQLSRSI	25	45
>BRAF-G615I HQFEQLSGSI	8	>BRAF-G615I HQFEQLSRSII	10	2
>BRAF-G615I HQFEQLSG	8218	>BRAF-G615I HQFEQLSR	384	7834
>BRAF-G615I HQFEQLSGSI	195	>BRAF-G615I HQFEQLSRSI	219	24
>BRAF-G615I HQFEQLSGSI	16	>BRAF-G615I HQFEQLSRSII	15	1
>BRAF-G615I HQFEQLSGSI	388	>BRAF-G615I HQFEQLSRSII	793	405
>BRAF-G615I HQFEQLSGSI	485	>BRAF-G615I HQFEQLSRSII	448	37
>BRAF-G615I HQFEQLSGSI	111	>BRAF-G615I HQFEQLSRSII	145	34
>BRAF-G615I HQFEQLSGSI	616	>BRAF-G615I HQFEQLSRSII	406	210
>BRAF-G615I HQFEQLSGSI	585	>BRAF-G615I HQFEQLSRSII	374	211
>BRAF-G615I HQFEQLSG	28281	>BRAF-G615I HQFEQLSR	53	28228
>BRAF-H608I HQFEQLSGSI	34	>BRAF-H608I LQFEQLSGSI	37	3
>BRAF-H608I HQFEQLSGSI	583	>BRAF-H608I LQFEQLSGSI	249	334
>BRAF-H608I HQFEQLSGSI	256	>BRAF-H608I LQFEQLSGSIL	133	123
>BRAF-H608I HQFEQLSGSI	308	>BRAF-H608I LQFEQLSGSI	108	200
>BRAF-H608I HQFEQLSGSI	196	>BRAF-H608I LQFEQLSGSIL	76	120
>BRAF-H608I HQFEQLSG	1128	>BRAF-H608I LQFEQLSG	448	680
>BRAF-H608I HQFEQLSGS	121	>BRAF-H608I LQFEQLSGS	54	67
>BRAF-H608I HQFEQLSGSI	1020	>BRAF-H608I LQFEQLSGSI	221	799
>BRAF-H608I HQFEQLSGSI	89	>BRAF-H608I LQFEQLSGSIL	40	49
>BRAF-H608I HQFEQLSGSI	412	>BRAF-H608I LQFEQLSGSI	95	317
>BRAF-H608I HQFEQLSGSI	1477	>BRAF-H608I LQFEQLSGSIL	433	1044
>BRAF-H608I HQFEQLSGSI	502	>BRAF-H608I LQFEQLSGSI	454	48
>BRAF-H608I HQFEQLSGSI	432	>BRAF-H608I LQFEQLSGSIL	386	46
>BRAF-H608I HQFEQLSGSI	442	>BRAF-H608I LQFEQLSGSI	2089	1647
>BRAF-H608I HQFEQLSG	625	>BRAF-H608I LQFEQLSG	221	404
>BRAF-H608I HQFEQLSGSI	185	>BRAF-H608I LQFEQLSGSI	84	101
>BRAF-H608I HQFEQLSGSI	183	>BRAF-H608I LQFEQLSGSIL	80	103
>BRAF-H608I HQFEQLSGSI	157	>BRAF-H608I LQFEQLSGSIL	517	360

>BRAH-H608IHQFEQLSGSI	70	>BRAH-H608ILQFEQLSGSI	38	32
>BRAH-H608IHQFEQLSGSI	8	>BRAH-H608ILQFEQLSGSIL	6	2
>BRAH-H608IHQFEQLSGSI	195	>BRAH-H608ILQFEQLSGSI	3165	2970
>BRAH-H608IHQFEQLSGSI	16	>BRAH-H608ILQFEQLSGSIL	141	125
>BRAH-H608IHQFEQLSGSI	388	>BRAH-H608ILQFEQLSGSIL	1210	822
>BRAH-H608IHQFEQLSGSI	485	>BRAH-H608ILQFEQLSGSIL	1975	1490
>BRAH-H608IHQFEQLSGSI	111	>BRAH-H608ILQFEQLSGSIL	145	34
>BRAH-H608ISHQFEQLSGS	25649	>BRAH-H608ISLQFEQLSGS	316	25333
>BRAH-H608ISHQFEQLSGS	19437	>BRAH-H608ISLQFEQLSGS	121	19316
>BRAH-H608ISHQFEQLSGS	24921	>BRAH-H608ISLQFEQLSGS	153	24768
>BRAH-H608ISHQFEQLSGS	23132	>BRAH-H608ISLQFEQLSGS	188	22944
>BRAH-H608ISHQFEQLSGS	34286	>BRAH-H608ISLQFEQLSGS	123	34163
>BRAH-H608IATVKSRWSG:	1265	>BRAH-H608IATVKSRWSG:	201	1064
>BRAH-H608IATVKSRWSG:	660	>BRAH-H608IATVKSRWSG:	10	650
>BRAH-H608IATVKSRWSG:	17062	>BRAH-H608IATVKSRWSG:	353	16709
>BRAH-H608IATVKSRWSG:	451	>BRAH-H608IATVKSRWSG:	218	233
>BRAH-H608IATVKSRWSG:	38074	>BRAH-H608IATVKSRWSG:	475	37599
>BRAH-H608IGSHQFEQL	406	>BRAH-H608IGSLQFEQL	101	305
>BRAH-H608IGSHQFEQL	240	>BRAH-H608IGSLQFEQL	124	116
>BRAH-H608IRWSGSHQF	60	>BRAH-H608IRWSGSLQF	117	57
>BRAH-H608IRWSGSHQF	78	>BRAH-H608IRWSGSLQF	93	15
>BRAH-H608IRWSGSHQFE	328	>BRAH-H608IRWSGSLQFE	436	108
>BRAH-H608IRWSGSHQF	6	>BRAH-H608IRWSGSLQF	6	0
>BRAH-H608IRWSGSHQFE	14	>BRAH-H608IRWSGSLQFE	14	0
>BRAH-H608IRWSGSHQF	144	>BRAH-H608IRWSGSLQF	196	52
>BRAH-H608IRWSGSHQFE	57	>BRAH-H608IRWSGSLQFE	49	8
>BRAH-H608IRWSGSHQFE	116	>BRAH-H608IRWSGSLQFE	98	18
>BRAH-H608ISRWSGSHQF	993	>BRAH-H608ISRWSGSLQF	357	636
>BRAH-H608ISRWSGSHQF	8	>BRAH-H608ISRWSGSLQF	6	2
>BRAH-H608ISRWSGSHQ	528	>BRAH-H608ISRWSGSLQ	413	115
>BRAH-H608ISRWSGSHQF	37	>BRAH-H608ISRWSGSLQF	33	4
>BRAH-H608ISRWSGSHQF	327	>BRAH-H608ISRWSGSLQFE	266	61
>BRAH-H608ISRWSGSHQF	538	>BRAH-H608ISRWSGSLQFE	423	115
>BRAH-H608ISRWSGSHQF	503	>BRAH-H608ISRWSGSLQF	127	376
>BRAH-H608ISRWSGSHQF	147	>BRAH-H608ISRWSGSLQF	71	76
>BRAH-H608IKSRWSGSH	55	>BRAH-H608IKSRWSGSL	8	47
>BRAH-H608IKSRWSGSHQ	24	>BRAH-H608IKSRWSGSLQ	25	1
>BRAH-H608IKSRWSGSHQ	44	>BRAH-H608IKSRWSGSLQI	30	14
>BRAH-H608IKSRWSGSHQ	23	>BRAH-H608IKSRWSGSLQI	37	14
>BRAH-H608IKSRWSGSHQ	518	>BRAH-H608IKSRWSGSLQI	367	151
>BRAH-H608IKSRWSGSH	10135	>BRAH-H608IKSRWSGSL	121	10014
>BRAH-H608IKSRWSGSHQ	93	>BRAH-H608IKSRWSGSLQI	84	9
>BRAH-H608IKSRWSGSH	2478	>BRAH-H608IKSRWSGSL	412	2066

>BRAF-H608IKSRWSGSHQ	14	>BRAF-H608IKSRWSGSLQI	12	2
>BRAF-H608IKSRWSGSH	31	>BRAF-H608IKSRWSGSL	3	28
>BRAF-H608IKSRWSGSHQ	51	>BRAF-H608IKSRWSGSLQ	84	33
>BRAF-H608IKSRWSGSHQ	2	>BRAF-H608IKSRWSGSLQI	2	0
>BRAF-H608IKSRWSGSHQ	186	>BRAF-H608IKSRWSGSLQI	237	51
>BRAF-H608IKSRWSGSHQ	73	>BRAF-H608IKSRWSGSLQI	123	50
>BRAF-H608IKSRWSGSHQ	24	>BRAF-H608IKSRWSGSLQI	26	2
>BRAF-H608IKSRWSGSH	333	>BRAF-H608IKSRWSGSL	45	288
>BRAF-H608IKSRWSGSHQ	193	>BRAF-H608IKSRWSGSLQ	23	170
>BRAF-H608IKSRWSGSHQ	72	>BRAF-H608IKSRWSGSLQI	24	48
>BRAF-H608IKSRWSGSH	31239	>BRAF-H608IKSRWSGSL	103	31136
>BRAF-H608IVKSRWSGSH	1530	>BRAF-H608IVKSRWSGSL	168	1362
>BRAF-H608IVKSRWSGSH	9	>BRAF-H608IVKSRWSGSLC	7	2
>BRAF-H608ITVKSRSWGSII	2741	>BRAF-H608ITVKSRSWGSII	203	2538
>BRAF-H608IHQFEQLSGSI	34	>BRAF-H608IRQFEQLSGSI	140	106
>BRAF-H608IHQFEQLSGSI	583	>BRAF-H608IRQFEQLSGSI	434	149
>BRAF-H608IHQFEQLSGSI	256	>BRAF-H608IRQFEQLSGSII	349	93
>BRAF-H608IHQFEQLSGSI	308	>BRAF-H608IRQFEQLSGSI	143	165
>BRAF-H608IHQFEQLSGSI	196	>BRAF-H608IRQFEQLSGSII	96	100
>BRAF-H608IHQFEQLSG	1128	>BRAF-H608IRQFEQLSG	415	713
>BRAF-H608IHQFEQLSGS	121	>BRAF-H608IRQFEQLSGS	41	80
>BRAF-H608IHQFEQLSGSI	1020	>BRAF-H608IRQFEQLSGSI	430	590
>BRAF-H608IHQFEQLSGSI	89	>BRAF-H608IRQFEQLSGSII	31	58
>BRAF-H608IHQFEQLSGSI	412	>BRAF-H608IRQFEQLSGSI	88	324
>BRAF-H608IHQFEQLSGSI	1477	>BRAF-H608IRQFEQLSGSII	405	1072
>BRAF-H608IHQFEQLSGSI	502	>BRAF-H608IRQFEQLSGSI	430	72
>BRAF-H608IHQFEQLSGSI	432	>BRAF-H608IRQFEQLSGSII	375	57
>BRAF-H608IHQFEQLSGSI	442	>BRAF-H608IRQFEQLSGSI	56	386
>BRAF-H608IHQFEQLSG	625	>BRAF-H608IRQFEQLSG	207	418
>BRAF-H608IHQFEQLSGSI	185	>BRAF-H608IRQFEQLSGSI	77	108
>BRAF-H608IHQFEQLSGSI	183	>BRAF-H608IRQFEQLSGSII	72	111
>BRAF-H608IHQFEQLSGSI	157	>BRAF-H608IRQFEQLSGSII	1247	1090
>BRAF-H608IHQFEQLSGSI	70	>BRAF-H608IRQFEQLSGSI	17	53
>BRAF-H608IHQFEQLSGSI	8	>BRAF-H608IRQFEQLSGSII	3	5
>BRAF-H608IHQFEQLSGSI	805	>BRAF-H608IRQFEQLSGSI	285	520
>BRAF-H608IHQFEQLSGSI	1276	>BRAF-H608IRQFEQLSGSII	153	1123
>BRAF-H608IHQFEQLSGSI	195	>BRAF-H608IRQFEQLSGSI	2392	2197
>BRAF-H608IHQFEQLSGSI	16	>BRAF-H608IRQFEQLSGSII	121	105
>BRAF-H608IHQFEQLSGSI	388	>BRAF-H608IRQFEQLSGSII	140	248
>BRAF-H608IHQFEQLSGSI	485	>BRAF-H608IRQFEQLSGSII	431	54
>BRAF-H608IHQFEQLSGSI	1167	>BRAF-H608IRQFEQLSGSI	138	1029
>BRAF-H608IHQFEQLSGSI	111	>BRAF-H608IRQFEQLSGSII	44	67
>BRAF-H608IHQFEQLSGSI	616	>BRAF-H608IRQFEQLSGSII	383	233

>BRAH-H608IHQFEQLSGSI	9181	>BRAH-H608IRQFEQLSGSII	353	8828
>BRAH-H608IHQFEQLSGSI	585	>BRAH-H608IRQFEQLSGSII	48	537
>BRAH-H608ISHQFEQLSGS	21311	>BRAH-H608ISRQFEQLSGS	211	21100
>BRAH-H608IATVKSRWSG:	3708	>BRAH-H608IATVKSRWSG:	297	3411
>BRAH-H608IATVKSRWSG:	8966	>BRAH-H608IATVKSRWSG:	73	8893
>BRAH-H608IATVKSRWSG:	13719	>BRAH-H608IATVKSRWSG:	58	13661
>BRAH-H608IATVKSRWSG:	451	>BRAH-H608IATVKSRWSG:	4773	4322
>BRAH-H608IATVKSRWSG:	1202	>BRAH-H608IATVKSRWSG:	214	988
>BRAH-H608IGSHQFEQL	406	>BRAH-H608IGSRQFEQL	714	308
>BRAH-H608IGSHQFEQL	240	>BRAH-H608IGSRQFEQL	56	184
>BRAH-H608IWSGSHQFEQ	865	>BRAH-H608IWSGSRQFEQ	459	406
>BRAH-H608IRWSGSHQF	60	>BRAH-H608IRWSGSRQF	390	330
>BRAH-H608IRWSGSHQF	78	>BRAH-H608IRWSGSRQF	297	219
>BRAH-H608IRWSGSHQFE	328	>BRAH-H608IRWSGSRQFEI	674	346
>BRAH-H608IRWSGSHQF	6	>BRAH-H608IRWSGSRQF	9	3
>BRAH-H608IRWSGSHQFE	14	>BRAH-H608IRWSGSRQFEI	17	3
>BRAH-H608IRWSGSHQF	144	>BRAH-H608IRWSGSRQF	203	59
>BRAH-H608IRWSGSHQFE	57	>BRAH-H608IRWSGSRQFE	52	5
>BRAH-H608IRWSGSHQFE	116	>BRAH-H608IRWSGSRQFEI	101	15
>BRAH-H608ISRWSGSHQF	8	>BRAH-H608ISRWSGSRQF	12	4
>BRAH-H608ISRWSGSHQF	37	>BRAH-H608ISRWSGSRQF	59	22
>BRAH-H608ISRWSGSHQF	327	>BRAH-H608ISRWSGSRQFI	361	34
>BRAH-H608ISRWSGSHQ	725	>BRAH-H608ISRWSGSRQ	499	226
>BRAH-H608ISRWSGSHQF	538	>BRAH-H608ISRWSGSRQFI	466	72
>BRAH-H608ISRWSGSHQF	503	>BRAH-H608ISRWSGSRQF	407	96
>BRAH-H608ISRWSGSHQF	147	>BRAH-H608ISRWSGSRQF	124	23
>BRAH-H608IKSRWSGSH	1471	>BRAH-H608IKSRWSGSR	490	981
>BRAH-H608IKSRWSGSH	55	>BRAH-H608IKSRWSGSR	10	45
>BRAH-H608IKSRWSGSHQ	24	>BRAH-H608IKSRWSGSRQ	64	40
>BRAH-H608IKSRWSGSHQ	44	>BRAH-H608IKSRWSGSRQ	60	16
>BRAH-H608IKSRWSGSHQ	23	>BRAH-H608IKSRWSGSRQ	31	8
>BRAH-H608IKSRWSGSH	3085	>BRAH-H608IKSRWSGSR	17	3068
>BRAH-H608IKSRWSGSHQ	93	>BRAH-H608IKSRWSGSRQ	140	47
>BRAH-H608IKSRWSGSHQ	14	>BRAH-H608IKSRWSGSRQ	18	4
>BRAH-H608IKSRWSGSH	31	>BRAH-H608IKSRWSGSR	430	399
>BRAH-H608IKSRWSGSHQ	51	>BRAH-H608IKSRWSGSRQ	26	25
>BRAH-H608IKSRWSGSHQ	2	>BRAH-H608IKSRWSGSRQ	2	0
>BRAH-H608IKSRWSGSHQ	186	>BRAH-H608IKSRWSGSRQ	324	138
>BRAH-H608IKSRWSGSHQ	73	>BRAH-H608IKSRWSGSRQ	97	24
>BRAH-H608IKSRWSGSHQ	24	>BRAH-H608IKSRWSGSRQ	182	158
>BRAH-H608IKSRWSGSH	333	>BRAH-H608IKSRWSGSR	1097	764
>BRAH-H608IKSRWSGSHQ	193	>BRAH-H608IKSRWSGSRQ	38	155
>BRAH-H608IKSRWSGSHQ	72	>BRAH-H608IKSRWSGSRQ	42	30

>BRAFF-H608IVKSRWSGSH	9	>BRAFF-H608IVKSRWSGSR	9	0
>BRAFF-H608ITVKSRRWSGSI	2741	>BRAFF-H608ITVKSRRWSGSI	329	2412
>BRAFF-H608ITVKSRRWSGSI	13706	>BRAFF-H608ITVKSRRWSGSI	139	13567
>BRAFF-H608ITVKSRRWSGSI	16327	>BRAFF-H608ITVKSRRWSGSI	475	15852
>BRAFF-H608ITVKSRRWSGSI	23751	>BRAFF-H608ITVKSRRWSGSI	337	23414
>BRAFF-I326TSSPSAPASDSI	317	>BRAFF-I326TSSPSAPASDS	7029	6712
>BRAFF-I326TSSPSAPASDSI	8	>BRAFF-I326TSSPSAPASDS	574	566
>BRAFF-I326TSSPSAPASDSI	23	>BRAFF-I326TSSPSAPASDS	13764	13741
>BRAFF-I326TDSIGPQIL	77	>BRAFF-I326TDSTGPQIL	1644	1567
>BRAFF-I326TSDSIGPQI	360	>BRAFF-I326TSDSTGPQI	416	56
>BRAFF-I326TASDSIGPQI	493	>BRAFF-I326TASDSTGPQI	88	405
>BRAFF-I326TASDSIGPQIL	301	>BRAFF-I326TASDSTGPQIL	142	159
>BRAFF-I326TASDSIGPQI	49	>BRAFF-I326TASDSTGPQI	44	5
>BRAFF-I326TAPASDSIGPQ	314	>BRAFF-I326TAPASDSTGPC	394	80
>BRAFF-I326TAPASDSIGPQ	105	>BRAFF-I326TAPASDSTGPC	76	29
>BRAFF-I326TSAPASDSI	319	>BRAFF-I326TSAPASDST	7631	7312
>BRAFF-I326TSAPASDSI	107	>BRAFF-I326TSAPASDST	30547	30440
>BRAFF-I326TSPASASDSI	54	>BRAFF-I326TSPASASDST	28531	28477
>BRAFF-I326TSPSAPASDSI	118	>BRAFF-I326TSPSAPASDST	14427	14309
>BRAFF-I326TSPSAPASDSI	232	>BRAFF-I326TSPSAPASDST	3079	2847
>BRAFF-I463SIGSGSFGTVYI	304	>BRAFF-I463SIGSGSFGTVY	612	308
>BRAFF-I463SIGSGSFGTVYI	214	>BRAFF-I463SIGSGSFGTVY	70	144
>BRAFF-I463SIGSGSFGTVY	96	>BRAFF-I463SIGSGSFGTVY	133	37
>BRAFF-I463SIGSGSFGTVY	370	>BRAFF-I463SIGSGSFGTVY	551	181
>BRAFF-I463SIGSGSFGTVY	146	>BRAFF-I463SIGSGSFGTVY	129	17
>BRAFF-I463SIGSGSFGTVY	675	>BRAFF-I463SIGSGSFGTVY	377	298
>BRAFF-I463SIGSGSFGTVY	611	>BRAFF-I463SIGSGSFGTVY	105	506
>BRAFF-I463SIGSGSFGTVYI	1138	>BRAFF-I463SIGSGSFGTVY	348	790
>BRAFF-I463RIGSGSFGTV	163	>BRAFF-I463RSGSGSFGTV	2361	2198
>BRAFF-I463RIGSGSFGTV	31	>BRAFF-I463RSGSGSFGTV	1003	972
>BRAFF-I463RIGSGSFGTV	19	>BRAFF-I463RSGSGSFGTV	1997	1978
>BRAFF-I463RIGSGSFGTV	163	>BRAFF-I463RSGSGSFGTV	8548	8385
>BRAFF-I463RIGSGSFGTV	69	>BRAFF-I463RSGSGSFGTV	4882	4813
>BRAFF-I463RIGSGSFGTV	256	>BRAFF-I463RSGSGSFGTV	13162	12906
>BRAFF-I463RIGSGSFGTV	14	>BRAFF-I463RSGSGSFGTV	8741	8727
>BRAFF-I463RIGSGSFGTV'	468	>BRAFF-I463RSGSGSFGTV	1492	1024
>BRAFF-I463RIGSGSFGTV'	215	>BRAFF-I463RSGSGSFGTV	548	333
>BRAFF-I463RIGSGSFGTV'	61	>BRAFF-I463RSGSGSFGTV	34	27
>BRAFF-I463RIGSGSFGTV	327	>BRAFF-I463RSGSGSFGTV	279	48
>BRAFF-I463RIGSGSFGTV'	30	>BRAFF-I463RSGSGSFGTV	92	62
>BRAFF-I463RIGSGSFGTV'	50	>BRAFF-I463RSGSGSFGTV	44	6
>BRAFF-I463RIGSGSFGTV'	451	>BRAFF-I463RSGSGSFGTV	57	394
>BRAFF-I463RIGSGSFGTV	13356	>BRAFF-I463RSGSGSFGTV	225	13131

>BRAFI463S RIGSGSFGTV'	451	>BRAFI463S RSGSGSFGTV	5	446
>BRAFI463S RIGSGSFGTV'	2389	>BRAFI463S RSGSGSFGTV	54	2335
>BRAFI463S RIGSGSFGTV	5474	>BRAFI463S RSGSGSFGTV	278	5196
>BRAFI463S RIGSGSFGTV'	77	>BRAFI463S RSGSGSFGTV	9	68
>BRAFI463S QRIGSGSF	52	>BRAFI463S QRSRSGSF	78	26
>BRAFI463S QRIGSGSF	235	>BRAFI463S QRSRSGSF	587	352
>BRAFI463S GQRIGSGSF	30	>BRAFI463S GQRSRSGSF	22	8
>BRAFI463S GQRIGSGSF	56	>BRAFI463S GQRSRSGSF	29	27
>BRAFI463S GQRIGSGSF	22	>BRAFI463S GQRSRSGSF	6	16
>BRAFI463S GQRIGSGSF	1085	>BRAFI463S GQRSRSGSF	224	861
>BRAFI463S VGQRIGSGSF	498	>BRAFI463S VGQRSRSGSGSI	188	310
>BRAFI463S VGQRIGSGSF	1466	>BRAFI463S VGQRSRSGSGSI	427	1039
>BRAFI463S VGQRIGSGSF	74	>BRAFI463S VGQRSRSGSGSI	69	5
>BRAFI463S TVGQRIGSGS	183	>BRAFI463S TVGQRSRSGSG!	100	83
>BRAFI463S GQITVGQRI	414	>BRAFI463S GQITVGQRS	11062	10648
>BRAFI582M IFLHEDLTV	932	>BRAFI582M MFLHEDLTV	499	433
>BRAFI582M IFLHEDLTVKI	68	>BRAFI582M MFLHEDLTVK	47	21
>BRAFI582M IFLHEDLTVKI	91	>BRAFI582M MFLHEDLTVK	21	70
>BRAFI582M NIFLHEDLTV	106	>BRAFI582M NMFLHEDLT	18	88
>BRAFI582M NIFLHEDL	629	>BRAFI582M NMFLHEDL	75	554
>BRAFI582M NIFLHEDLTV	125	>BRAFI582M NMFLHEDLT	26	99
>BRAFI582M NIFLHEDLTV	99	>BRAFI582M NMFLHEDLT	28	71
>BRAFI582M NIFLHEDLTV	155	>BRAFI582M NMFLHEDLT	93	62
>BRAFI582M NIFLHEDL	6684	>BRAFI582M NMFLHEDL	241	6443
>BRAFI582M NIFLHEDLTV	353	>BRAFI582M NMFLHEDLT	11	342
>BRAFI582M NIFLHEDLTV	756	>BRAFI582M NMFLHEDLT	14	742
>BRAFI582M NIFLHEDLTV	473	>BRAFI582M NMFLHEDLT	18	455
>BRAFI582M NIFLHEDLTV	5875	>BRAFI582M NMFLHEDLT	198	5677
>BRAFI582M NIFLHEDL	7653	>BRAFI582M NMFLHEDL	319	7334
>BRAFI582M NIFLHEDLTV	225	>BRAFI582M NMFLHEDLT	24	201
>BRAFI582M NIFLHEDLTV	1040	>BRAFI582M NMFLHEDLT	312	728
>BRAFI582M NIFLHEDLTV	333	>BRAFI582M NMFLHEDLT	252	81
>BRAFI582M NIFLHEDLTV	61	>BRAFI582M NMFLHEDLT	180	119
>BRAFI582M IHRDLKSNNI	409	>BRAFI582M IHRDLKSNNI	5322	4913
>BRAFI582M NNIFLHEDLT	764	>BRAFI582M NNMFLHEDL	456	308
>BRAFI582M KSNNIFLH	330	>BRAFI582M KSNNMFLH	362	32
>BRAFI582M KSNNIFLH	129	>BRAFI582M KSNNMFLH	97	32
>BRAFI582M KSNNIFLH	68	>BRAFI582M KSNNMFLH	77	9
>BRAFI582M KSNNIFLHEDI	30	>BRAFI582M KSNNMFLHEI	46	16
>BRAFI582M KSNNIFLHEDI	370	>BRAFI582M KSNNMFLHEI	173	197
>BRAFI582M KSNNIFLH	342	>BRAFI582M KSNNMFLH	451	109
>BRAFI582M KSNNIFLHEDI	298	>BRAFI582M KSNNMFLHEI	339	41
>BRAFI582M LKSNNIFL	52	>BRAFI582M LKSNNMFL	37	15

>BRAFI582MDLKSNNIFL	567	>BRAFI582MDLKSNNMFL	368	199
>BRAFI582MDLKSNNIF	328	>BRAFI582MDLKSNNMF	325	3
>BRAFI582MDLKSNNIF	419	>BRAFI582MDLKSNNMF	484	65
>BRAFI582MRDLKSNNIF	31	>BRAFI582MRDLKSNNMF	41	10
>BRAFI582MRDLKSNNIF	605	>BRAFI582MRDLKSNNMF	497	108
>BRAFI582MRDLKSNNI	2319	>BRAFI582MRDLKSNNM	379	1940
>BRAFI582MRDLKSNNIF	215	>BRAFI582MRDLKSNNMF	101	114
>BRAFI582MRDLKSNNI	41	>BRAFI582MRDLKSNNM	699	658
>BRAFI582MRDLKSNNIFL	716	>BRAFI582MRDLKSNNMF	149	567
>BRAFI582MRDLKSNNI	89	>BRAFI582MRDLKSNNM	3074	2985
>BRAFI582MRDLKSNNIFL	519	>BRAFI582MRDLKSNNMF	327	192
>BRAFI582MRDLKSNNIF	86	>BRAFI582MRDLKSNNM	106	20
>BRAFI582MRDLKSNNIF	129	>BRAFI582MRDLKSNNM	154	25
>BRAFI582MRDLKSNNIF	210	>BRAFI582MRDLKSNNM	292	82
>BRAFI582MRDLKSNNI	1179	>BRAFI582MRDLKSNNM	424	755
>BRAFI582MRDLKSNNIF	16	>BRAFI582MRDLKSNNM	19	3
>BRAFI582MRDLKSNNIF	133	>BRAFI582MRDLKSNNM	79	54
>BRAFI592MIGDFGLATV	253	>BRAFI592MIGDFGLATV	67	186
>BRAFI592MIGDFGLATV	816	>BRAFI592MIGDFGLATV	344	472
>BRAFI592MKIGDFGLA	2562	>BRAFI592MKIGDFGLA	194	2368
>BRAFI592MKIGDFGLATV	53	>BRAFI592MKIGDFGLATV	12	41
>BRAFI592MKIGDFGLA	1135	>BRAFI592MKIGDFGLA	96	1039
>BRAFI592MKIGDFGLATV	34	>BRAFI592MKIGDFGLATV	9	25
>BRAFI592MKIGDFGLA	701	>BRAFI592MKIGDFGLA	44	657
>BRAFI592MKIGDFGLATV	12	>BRAFI592MKIGDFGLATV	6	6
>BRAFI592MKIGDFGLA	554	>BRAFI592MKIGDFGLA	176	378
>BRAFI592MKIGDFGLATV	59	>BRAFI592MKIGDFGLATV	39	20
>BRAFI592MKIGDFGLA	900	>BRAFI592MKIGDFGLA	24	876
>BRAFI592MKIGDFGLAT	1206	>BRAFI592MKIGDFGLAT	26	1180
>BRAFI592MKIGDFGLATV	4	>BRAFI592MKIGDFGLATV	2	2
>BRAFI592MKIGDFGLA	7285	>BRAFI592MKIGDFGLA	148	7137
>BRAFI592MKIGDFGLAT	10920	>BRAFI592MKIGDFGLAT	371	10549
>BRAFI592MKIGDFGLATV	15	>BRAFI592MKIGDFGLATV	2	13
>BRAFI592MKIGDFGLA	4116	>BRAFI592MKIGDFGLA	110	4006
>BRAFI592MKIGDFGLATV	16	>BRAFI592MKIGDFGLATV	5	11
>BRAFI592MKIGDFGLATV	30	>BRAFI592MKIGDFGLATV	3	27
>BRAFI592MKIGDFGLA	1379	>BRAFI592MKIGDFGLA	42	1337
>BRAFI592MKIGDFGLAT	5602	>BRAFI592MKIGDFGLAT	203	5399
>BRAFI592MKIGDFGLATV	4	>BRAFI592MKIGDFGLATV	2	2
>BRAFI592MKIGDFGLATV	129	>BRAFI592MKIGDFGLATV	57	72
>BRAFI592MKIGDFGLATV	57	>BRAFI592MKIGDFGLATV	54	3
>BRAFI592MKIGDFGLATV	1971	>BRAFI592MKIGDFGLATV	306	1665
>BRAFI592MKIGDFGLATV	509	>BRAFI592MKIGDFGLATV	225	284



>BRAFI592M KIGDFGLATV	132	>BRAFI592M KMGDFGLAT	77	55
>BRAFI592M IFLHEDLTVKI	68	>BRAFI592M IFLHEDLTVKM	1227	1159
>BRAFI592M IFLHEDLTVKI	91	>BRAFI592M IFLHEDLTVKM	1165	1074
>BRAFI592M VKIGDFGLAT	144	>BRAFI592M VKMGDFGLA	77	67
>BRAFI592M VKIGDFGLAT	785	>BRAFI592M VKMGDFGLA	435	350
>BRAFI592M VKIGDFGLAT	835	>BRAFI592M VKMGDFGLA	459	376
>BRAFI592M LTVKIGDFGL	354	>BRAFI592M LTVKMGDFG	458	104
>BRAFI592M LTVKIGDF	154	>BRAFI592M LTVKMGDF	79	75
>BRAFI592M LTVKIGDFGL	229	>BRAFI592M LTVKMGDFG	802	573
>BRAFI592M LTVKIGDF	13	>BRAFI592M LTVKMGDF	7	6
>BRAFI592M LTVKIGDFGL	24	>BRAFI592M LTVKMGDFG	12	12
>BRAFI592M LTVKIGDFGL	424	>BRAFI592M LTVKMGDFG	431	7
>BRAFI592M LTVKIGDF	118	>BRAFI592M LTVKMGDF	146	28
>BRAFI592M LTVKIGDFGL	949	>BRAFI592M LTVKMGDFG	364	585
>BRAFI592M LTVKIGDFGL	380	>BRAFI592M LTVKMGDFG	462	82
>BRAFI592M DLTVKIGDFG	205	>BRAFI592M DLTVKMGDF	384	179
>BRAFI592M HEDLTVKI	12	>BRAFI592M HEDLTVKM	45	33
>BRAFI592M HEDLTVKI	114	>BRAFI592M HEDLTVKM	172	58
>BRAFI592M HEDLTVKI	157	>BRAFI592M HEDLTVKM	1990	1833
>BRAFI592M FLHEDLTVKI	66	>BRAFI592M FLHEDLTVKM	140	74
>BRAFI592M FLHEDLTVKI	14	>BRAFI592M FLHEDLTVKM	23	9
>BRAFI592M FLHEDLTVKI	24	>BRAFI592M FLHEDLTVKM	113	89
>BRAFI592M FLHEDLTVKIC	334	>BRAFI592M FLHEDLTVKM	277	57
>BRAFI592M FLHEDLTVKI	101	>BRAFI592M FLHEDLTVKM	338	237
>BRAFI592M FLHEDLTVKI	2	>BRAFI592M FLHEDLTVKM	5	3
>BRAFI592M FLHEDLTVKIC	706	>BRAFI592M FLHEDLTVKM	145	561
>BRAFI592M FLHEDLTVKI	4	>BRAFI592M FLHEDLTVKM	11	7
>BRAFI592M FLHEDLTVKI	7	>BRAFI592M FLHEDLTVKM	23	16
>BRAFI592M FLHEDLTVKI	13	>BRAFI592M FLHEDLTVKM	48	35
>BRAFI592M FLHEDLTVKI	2	>BRAFI592M FLHEDLTVKM	3	1
>BRAFI592M FLHEDLTVKI	12508	>BRAFI592M FLHEDLTVKM	421	12087
>BRAFI592M FLHEDLTVKI	414	>BRAFI592M FLHEDLTVKM	2910	2496
>BRAFI592V IGDFGLATV	253	>BRAFI592V VGDFGLATV	331	78
>BRAFI592V KIGDFGLATV	53	>BRAFI592V KVGDFGLATV	121	68
>BRAFI592V KIGDFGLATV	34	>BRAFI592V KVGDFGLATV	57	23
>BRAFI592V KIGDFGLATV	12	>BRAFI592V KVGDFGLATV	17	5
>BRAFI592V KIGDFGLA	554	>BRAFI592V KVGDFGLA	481	73
>BRAFI592V KIGDFGLATV	59	>BRAFI592V KVGDFGLATV	62	3
>BRAFI592V KIGDFGLATV	4	>BRAFI592V KVGDFGLATV	9	5
>BRAFI592V KIGDFGLATV	15	>BRAFI592V KVGDFGLATV	25	10
>BRAFI592V KIGDFGLATV	16	>BRAFI592V KVGDFGLATV	35	19
>BRAFI592V KIGDFGLATV	30	>BRAFI592V KVGDFGLATV	75	45
>BRAFI592V KIGDFGLATV	4	>BRAFI592V KVGDFGLATV	6	2

>BRAFI592VKIGDFGLATV	129	>BRAFI592VKVGDFGLATV	149	20
>BRAFI592VKIGDFGLATV	57	>BRAFI592VKVGDFGLATV	36	21
>BRAFI592VKIGDFGLATV	563	>BRAFI592VKVGDFGLATV	178	385
>BRAFI592VKIGDFGLATV	509	>BRAFI592VKVGDFGLATV	410	99
>BRAFI592VKIGDFGLATV	814	>BRAFI592VKVGDFGLATV	421	393
>BRAFI592VKIGDFGLATV	132	>BRAFI592VKVGDFGLATV	332	200
>BRAFI592VIFLHEDLTVKI	68	>BRAFI592VIFLHEDLTVKV	1374	1306
>BRAFI592VIFLHEDLTVKI	91	>BRAFI592VIFLHEDLTVKV	2858	2767
>BRAFI592VKIGDFGLATV	144	>BRAFI592VKVGDFGLATV	225	81
>BRAFI592LTVKIGDFGL	354	>BRAFI592LTVKVGDFGL	512	158
>BRAFI592LTVKIGDF	154	>BRAFI592LTVKVGDF	165	11
>BRAFI592LTVKIGDFGL	229	>BRAFI592LTVKVGDFGL	345	116
>BRAFI592LTVKIGDF	13	>BRAFI592LTVKVGDF	14	1
>BRAFI592LTVKIGDFGL	24	>BRAFI592LTVKVGDFGL	35	11
>BRAFI592LTVKIGDFGL	424	>BRAFI592LTVKVGDFGL	490	66
>BRAFI592LTVKIGDF	118	>BRAFI592LTVKVGDF	169	51
>BRAFI592LTVKIGDFGL	380	>BRAFI592LTVKVGDFGL	425	45
>BRAFI592DLTVKIGDFG	205	>BRAFI592DLTVKVGDFG	295	90
>BRAFI592HEDLTVKI	12	>BRAFI592HEDLTVKV	28	16
>BRAFI592HEDLTVKI	114	>BRAFI592HEDLTVKV	251	137
>BRAFI592HEDLTVKI	157	>BRAFI592HEDLTVKV	1480	1323
>BRAFI592FLHEDLTVKI	66	>BRAFI592FLHEDLTVKV	25	41
>BRAFI592FLHEDLTVKI	14	>BRAFI592FLHEDLTVKV	10	4
>BRAFI592FLHEDLTVKI	24	>BRAFI592FLHEDLTVKV	12	12
>BRAFI592FLHEDLTVKIC	334	>BRAFI592FLHEDLTVKV	386	52
>BRAFI592FLHEDLTVKI	101	>BRAFI592FLHEDLTVKV	43	58
>BRAFI592FLHEDLTVKI	2	>BRAFI592FLHEDLTVKV	1	1
>BRAFI592FLHEDLTVKIC	706	>BRAFI592FLHEDLTVKV	300	406
>BRAFI592FLHEDLTVKI	4	>BRAFI592FLHEDLTVKV	3	1
>BRAFI592FLHEDLTVKI	7	>BRAFI592FLHEDLTVKV	4	3
>BRAFI592FLHEDLTVKI	13	>BRAFI592FLHEDLTVKV	3	10
>BRAFI592FLHEDLTVKI	2	>BRAFI592FLHEDLTVKV	1	1
>BRAFI592FLHEDLTVKI	937	>BRAFI592FLHEDLTVKV	215	722
>BRAFI592FLHEDLTVKI	414	>BRAFI592FLHEDLTVKV	1651	1237
>BRAFI617TILWMAPEV	9	>BRAFI617TTLWMAPEV	10	1
>BRAFI617TILWMAPEVI	60	>BRAFI617TTLWMAPEVI	121	61
>BRAFI617TILWMAPEVIR	80	>BRAFI617TTLWMAPEVIR	149	69
>BRAFI617TILWMAPEV	51	>BRAFI617TTLWMAPEV	92	41
>BRAFI617TILWMAPEV	32	>BRAFI617TTLWMAPEV	58	26
>BRAFI617TILWMAPEVI	456	>BRAFI617TTLWMAPEVI	910	454
>BRAFI617TILWMAPEV	54	>BRAFI617TTLWMAPEV	97	43
>BRAFI617TILWMAPEV	2	>BRAFI617TTLWMAPEV	2	0
>BRAFI617TILWMAPEVI	5	>BRAFI617TTLWMAPEVI	10	5

>BRAFI617T ILWMAPEVIR	9	>BRAFI617T TLWMAPEVII	29	20
>BRAFI617T ILWMAPEV	9	>BRAFI617T TLWMAPEV	15	6
>BRAFI617T ILWMAPEVI	88	>BRAFI617T TLWMAPEVI	171	83
>BRAFI617T ILWMAPEV	4	>BRAFI617T TLWMAPEV	4	0
>BRAFI617T ILWMAPEVI	19	>BRAFI617T TLWMAPEVI	42	23
>BRAFI617T ILWMAPEVIR	81	>BRAFI617T TLWMAPEVII	198	117
>BRAFI617T ILWMAPEV	2	>BRAFI617T TLWMAPEV	3	1
>BRAFI617T ILWMAPEVI	12	>BRAFI617T TLWMAPEVI	39	27
>BRAFI617T ILWMAPEVIR	34	>BRAFI617T TLWMAPEVII	131	97
>BRAFI617T ILWMAPEV	3	>BRAFI617T TLWMAPEV	4	1
>BRAFI617T ILWMAPEVI	47	>BRAFI617T TLWMAPEVI	82	35
>BRAFI617T ILWMAPEVIR	30	>BRAFI617T TLWMAPEVII	66	36
>BRAFI617T ILWMAPEVI	231	>BRAFI617T TLWMAPEVI	263	32
>BRAFI617T ILWMAPEVIR	1509	>BRAFI617T TLWMAPEVII	436	1073
>BRAFI617T ILWMAPEV	377	>BRAFI617T TLWMAPEV	41	336
>BRAFI617T ILWMAPEVI	241	>BRAFI617T TLWMAPEVI	1678	1437
>BRAFI617T ILWMAPEVIR	266	>BRAFI617T TLWMAPEVII	1728	1462
>BRAFI617T ILWMAPEVIR	86	>BRAFI617T TLWMAPEVII	127	41
>BRAFI617T SILWMAPEV	20	>BRAFI617T STLWMAPEV	66	46
>BRAFI617T SILWMAPEVI	368	>BRAFI617T STLWMAPEV	1133	765
>BRAFI617T SILWMAPEV	176	>BRAFI617T STLWMAPEV	1308	1132
>BRAFI617T SILWMAPEVI	378	>BRAFI617T STLWMAPEV	837	459
>BRAFI617T SILWMAPEV	10	>BRAFI617T STLWMAPEV	16	6
>BRAFI617T SILWMAPEVI	367	>BRAFI617T STLWMAPEV	427	60
>BRAFI617T SILWMAPEV	3	>BRAFI617T STLWMAPEV	7	4
>BRAFI617T SILWMAPEVI	28	>BRAFI617T STLWMAPEV	112	84
>BRAFI617T SILWMAPEV	155	>BRAFI617T STLWMAPEV	529	374
>BRAFI617T SILWMAPEV	5	>BRAFI617T STLWMAPEV	7	2
>BRAFI617T SILWMAPEVI	67	>BRAFI617T STLWMAPEV	350	283
>BRAFI617T SILWMAPEV	15	>BRAFI617T STLWMAPEV	425	410
>BRAFI617T SILWMAPEV	3	>BRAFI617T STLWMAPEV	9	6
>BRAFI617T SILWMAPEVI	314	>BRAFI617T STLWMAPEV	6554	6240
>BRAFI617T SILWMAPEVI	157	>BRAFI617T STLWMAPEV	52	105
>BRAFI617T SILWMAPEVI	167	>BRAFI617T STLWMAPEV	52	115
>BRAFI617T SILWMAPEVI	52	>BRAFI617T STLWMAPEV	22	30
>BRAFI617T SILWMAPEVI	90	>BRAFI617T STLWMAPEV	20	70
>BRAFI617T SILWMAPEV	5	>BRAFI617T STLWMAPEV	3	2
>BRAFI617T SILWMAPEVI	175	>BRAFI617T STLWMAPEV	51	124
>BRAFI617T SILWMAPEV	7798	>BRAFI617T STLWMAPEV	119	7679
>BRAFI617T SILWMAPEVI	8889	>BRAFI617T STLWMAPEV	116	8773
>BRAFI617T SILWMAPEV	8478	>BRAFI617T STLWMAPEV	237	8241
>BRAFI617T SILWMAPEVI	2407	>BRAFI617T STLWMAPEV	59	2348
>BRAFI617T SILWMAPEVI	5184	>BRAFI617T STLWMAPEV	274	4910

>BRAF-I617T SILWMAPEVI	84	>BRAF-I617T STLWMAPEV	268	184
>BRAF-I617T SILWMAPEVI	6993	>BRAF-I617T STLWMAPEV	116	6877
>BRAF-I617T GSILWMAPE'	412	>BRAF-I617T GSTLWMAPE	2578	2166
>BRAF-I617T GSILWMAPE'	295	>BRAF-I617T GSTLWMAPE	1134	839
>BRAF-I617T GSILWMAPE'	336	>BRAF-I617T GSTLWMAPE	1060	724
>BRAF-I617T GSILWMAPE'	1137	>BRAF-I617T GSTLWMAPE	476	661
>BRAF-I617T GSILWMAPE'	755	>BRAF-I617T GSTLWMAPE	472	283
>BRAF-I617T GSILWMAPE'	257	>BRAF-I617T GSTLWMAPE	207	50
>BRAF-I617T LSGSILWMA	395	>BRAF-I617T LSGSTLWMA	3118	2723
>BRAF-I617T LSGSILWM	140	>BRAF-I617T LSGSTLWM	69	71
>BRAF-I617T LSGSILWM	614	>BRAF-I617T LSGSTLWM	311	303
>BRAF-I617T LSGSILWM	630	>BRAF-I617T LSGSTLWM	403	227
>BRAF-I617T QLSGSILWM,	71	>BRAF-I617T QLSGSTLWM	86	15
>BRAF-I617T QLSGSILWM	51	>BRAF-I617T QLSGSTLWM	49	2
>BRAF-I617T QLSGSILWM,	31	>BRAF-I617T QLSGSTLWM	37	6
>BRAF-I617T QLSGSILWM	231	>BRAF-I617T QLSGSTLWM	425	194
>BRAF-I617T QLSGSILWM,	89	>BRAF-I617T QLSGSTLWM	81	8
>BRAF-I617T QLSGSILWM,	156	>BRAF-I617T QLSGSTLWM	131	25
>BRAF-I617T QLSGSILWM	335	>BRAF-I617T QLSGSTLWM	1442	1107
>BRAF-I617T QLSGSILWM,	27	>BRAF-I617T QLSGSTLWM	58	31
>BRAF-I617T QLSGSILWM,	413	>BRAF-I617T QLSGSTLWM	374	39
>BRAF-I617T QLSGSILWM,	82	>BRAF-I617T QLSGSTLWM	111	29
>BRAF-I617T QLSGSILWM,	102	>BRAF-I617T QLSGSTLWM	129	27
>BRAF-I617T QLSGSILWM	17	>BRAF-I617T QLSGSTLWM	39	22
>BRAF-I617T QLSGSILWM,	5	>BRAF-I617T QLSGSTLWM	6	1
>BRAF-I617T QLSGSILW	583	>BRAF-I617T QLSGSTLW	464	119
>BRAF-I617T QLSGSILW	207	>BRAF-I617T QLSGSTLW	185	22
>BRAF-I617T EQLSGSIL	1227	>BRAF-I617T EQLSGSTL	441	786
>BRAF-I617T EQLSGSILWN	53	>BRAF-I617T EQLSGSTLWN	49	4
>BRAF-I617T EQLSGSILWN	307	>BRAF-I617T EQLSGSTLWN	677	370
>BRAF-I617T EQLSGSILWN	355	>BRAF-I617T EQLSGSTLWN	230	125
>BRAF-I617T EQLSGSILWN	399	>BRAF-I617T EQLSGSTLWN	502	103
>BRAF-I617T EQLSGSIL	51	>BRAF-I617T EQLSGSTL	28	23
>BRAF-I617T EQLSGSILWN	277	>BRAF-I617T EQLSGSTLWN	214	63
>BRAF-I617T EQLSGSIL	28	>BRAF-I617T EQLSGSTL	32	4
>BRAF-I617T EQLSGSILW	460	>BRAF-I617T EQLSGSTLW	944	484
>BRAF-I617T EQLSGSILW	245	>BRAF-I617T EQLSGSTLW	535	290
>BRAF-I617T FEQLSGSI	4	>BRAF-I617T FEQLSGST	36	32
>BRAF-I617T FEQLSGSIL	177	>BRAF-I617T FEQLSGSTL	171	6
>BRAF-I617T FEQLSGSILW	377	>BRAF-I617T FEQLSGSTLW	249	128
>BRAF-I617T FEQLSGSILW	129	>BRAF-I617T FEQLSGSTLW	66	63
>BRAF-I617T FEQLSGSIL	566	>BRAF-I617T FEQLSGSTL	385	181
>BRAF-I617T FEQLSGSIL	1076	>BRAF-I617T FEQLSGSTL	369	707

>BRAF-I617T FEQLSGSIL	436	>BRAF-I617T FEQLSGSTL	365	71
>BRAF-I617T FEQLSGSI	277	>BRAF-I617T FEQLSGST	10371	10094
>BRAF-I617T FEQLSGSIL	34	>BRAF-I617T FEQLSGSTL	32	2
>BRAF-I617T FEQLSGSILW	243	>BRAF-I617T FEQLSGSTLW	225	18
>BRAF-I617T FEQLSGSI	176	>BRAF-I617T FEQLSGST	416	240
>BRAF-I617T FEQLSGSIL	71	>BRAF-I617T FEQLSGSTL	81	10
>BRAF-I617T FEQLSGSILW	385	>BRAF-I617T FEQLSGSTLW	505	120
>BRAF-I617T FEQLSGSILW	72	>BRAF-I617T FEQLSGSTLW	54	18
>BRAF-I617T FEQLSGSILW	288	>BRAF-I617T FEQLSGSTLW	233	55
>BRAF-I617T FEQLSGSI	36	>BRAF-I617T FEQLSGST	16723	16687
>BRAF-I617T FEQLSGSIL	81	>BRAF-I617T FEQLSGSTL	107	26
>BRAF-I617T FEQLSGSILW	217	>BRAF-I617T FEQLSGSTLW	193	24
>BRAF-I617T FEQLSGSILW	311	>BRAF-I617T FEQLSGSTLW	468	157
>BRAF-I617T QFEQLSGSI	496	>BRAF-I617T QFEQLSGST	21717	21221
>BRAF-I617T QFEQLSGSIL	6401	>BRAF-I617T QFEQLSGSTL	303	6098
>BRAF-I617T QFEQLSGSIL	509	>BRAF-I617T QFEQLSGSTL	467	42
>BRAF-I617T HQFEQLSGSI	34	>BRAF-I617T HQFEQLSGST	12117	12083
>BRAF-I617T HQFEQLSGSI	256	>BRAF-I617T HQFEQLSGST	147	109
>BRAF-I617T HQFEQLSGSI	308	>BRAF-I617T HQFEQLSGST	1344	1036
>BRAF-I617T HQFEQLSGSI	196	>BRAF-I617T HQFEQLSGST	104	92
>BRAF-I617T HQFEQLSGSI	89	>BRAF-I617T HQFEQLSGST	24	65
>BRAF-I617T HQFEQLSGSI	412	>BRAF-I617T HQFEQLSGST	5567	5155
>BRAF-I617T HQFEQLSGSI	1477	>BRAF-I617T HQFEQLSGST	252	1225
>BRAF-I617T HQFEQLSGSI	432	>BRAF-I617T HQFEQLSGST	99	333
>BRAF-I617T HQFEQLSGSI	442	>BRAF-I617T HQFEQLSGST	16539	16097
>BRAF-I617T HQFEQLSGSI	185	>BRAF-I617T HQFEQLSGST	2071	1886
>BRAF-I617T HQFEQLSGSI	183	>BRAF-I617T HQFEQLSGST	94	89
>BRAF-I617T HQFEQLSGSI	157	>BRAF-I617T HQFEQLSGST	129	28
>BRAF-I617T HQFEQLSGSI	70	>BRAF-I617T HQFEQLSGST	2429	2359
>BRAF-I617T HQFEQLSGSI	8	>BRAF-I617T HQFEQLSGST	7	1
>BRAF-I617T HQFEQLSGSI	195	>BRAF-I617T HQFEQLSGST	5953	5758
>BRAF-I617T HQFEQLSGSI	16	>BRAF-I617T HQFEQLSGST	14	2
>BRAF-I617T HQFEQLSGSI	388	>BRAF-I617T HQFEQLSGST	328	60
>BRAF-I617T HQFEQLSGSI	485	>BRAF-I617T HQFEQLSGST	563	78
>BRAF-I617T HQFEQLSGSI	111	>BRAF-I617T HQFEQLSGST	112	1
>BRAF-I617T HQFEQLSGSI	585	>BRAF-I617T HQFEQLSGST	494	91
>BRAF-K439C SSSSEDRNRN	103	>BRAF-K439C SSSSEDRNRN	24149	24046
>BRAF-K439C SSSSEDRNRN	436	>BRAF-K439C SSSSEDRNRN	7865	7429
>BRAF-K439C RMKTLGRR	285	>BRAF-K439C RMQTLGRR	7224	6939
>BRAF-K439C RMKTLGRR	7	>BRAF-K439C RMQTLGRR	11	4
>BRAF-K439C RMKTLGRR	72	>BRAF-K439C RMQTLGRR	96	24
>BRAF-K439C NRMKTLGR	108	>BRAF-K439C NRMQTLGR	117	9
>BRAF-K439C NRMKTLGRR	104	>BRAF-K439C NRMQTLGRR	128	24

>BRAFF-K439(NRMKTLGR	355	>BRAFF-K439(NRMQTLGR	305	50
>BRAFF-K439(RNRMKTLG	656	>BRAFF-K439(RNRMQTLG	330	326
>BRAFF-K439(RNRMKTLGR	70	>BRAFF-K439(RNRMQTLGR	37	33
>BRAFF-K439(RNRMKTLGR	146	>BRAFF-K439(RNRMQTLGR	120	26
>BRAFF-K439(RNRMKTLGR	254	>BRAFF-K439(RNRMQTLGR	437	183
>BRAFF-K439(RNRMKTLGR	331	>BRAFF-K439(RNRMQTLGR	522	191
>BRAFF-K439(RNRMKTLGR	139	>BRAFF-K439(RNRMQTLGR	114	25
>BRAFF-K439(EDRNRMKTL	259	>BRAFF-K439(EDRNRMQTL	274	15
>BRAFF-K439(SEDNRNMK	305	>BRAFF-K439(SEDNRNMQ	272	33
>BRAFF-K439(SEDNRNMKT	206	>BRAFF-K439(SEDNRNMQT	698	492
>BRAFF-K439(SEDNRNMKT	196	>BRAFF-K439(SEDNRNMQT	137	59
>BRAFF-K439(SEDNRNMKT	192	>BRAFF-K439(SEDNRNMQT	57	135
>BRAFF-K439(SSEDNRNMK	478	>BRAFF-K439(SSEDNRNMQ	26668	26190
>BRAFF-K439(SSEDNRNMK'	36	>BRAFF-K439(SSEDNRNMQ	39	3
>BRAFF-K439(SSEDNRNMK'	311	>BRAFF-K439(SSEDNRNMQ	271	40
>BRAFF-K439(SSSEDNRNMI	38	>BRAFF-K439(SSSEDNRNMI	30717	30679
>BRAFF-K439(SSSEDNRNRN	103	>BRAFF-K439(SSSEDNRNRN	25393	25290
>BRAFF-K439(SSSEDNRNRN	436	>BRAFF-K439(SSSEDNRNRN	13616	13180
>BRAFF-K439(RMKTLGRR	285	>BRAFF-K439(RMTTLGRR	7840	7555
>BRAFF-K439(RMKTLGRR	7	>BRAFF-K439(RMTTLGRR	15	8
>BRAFF-K439(RMKTLGRR	72	>BRAFF-K439(RMTTLGRR	70	2
>BRAFF-K439(NRMKTLGR	108	>BRAFF-K439(NRM TTLGR	126	18
>BRAFF-K439(NRMKTLGRR	104	>BRAFF-K439(NRM TTLGRR	155	51
>BRAFF-K439(NRMKTLGR	355	>BRAFF-K439(NRM TTLGR	359	4
>BRAFF-K439(RNRMKTLG	656	>BRAFF-K439(RNRM TTLG	204	452
>BRAFF-K439(RNRMKTLGR	70	>BRAFF-K439(RNRM TTLGR	25	45
>BRAFF-K439(RNRMKTLGR	146	>BRAFF-K439(RNRM TTLGR	69	77
>BRAFF-K439(RNRMKTLGR	254	>BRAFF-K439(RNRM TTLGR	414	160
>BRAFF-K439(RNRMKTLGR	331	>BRAFF-K439(RNRM TTLGR	397	66
>BRAFF-K439(RNRMKTLGR	139	>BRAFF-K439(RNRM TTLGR	115	24
>BRAFF-K439(DRNRMKTL	1739	>BRAFF-K439(DRNRM TTL	331	1408
>BRAFF-K439(EDRNRMKTL	259	>BRAFF-K439(EDRNRM TTL	400	141
>BRAFF-K439(SEDNRNMK	305	>BRAFF-K439(SEDNRNMT	165	140
>BRAFF-K439(SEDNRNMKT	206	>BRAFF-K439(SEDNRNMTT	705	499
>BRAFF-K439(SEDNRNMKT	196	>BRAFF-K439(SEDNRNMTT	101	95
>BRAFF-K439(SEDNRNMKT	1196	>BRAFF-K439(SEDNRNMTT	474	722
>BRAFF-K439(SEDNRNMKT	1273	>BRAFF-K439(SEDNRNMTT	432	841
>BRAFF-K439(SEDNRNMKT	192	>BRAFF-K439(SEDNRNMTT	174	18
>BRAFF-K439(SSEDNRNMK	478	>BRAFF-K439(SSEDNRNMT	27591	27113
>BRAFF-K439(SSEDNRNMK'	36	>BRAFF-K439(SSEDNRNMT	34	2
>BRAFF-K439(SSEDNRNMK'	311	>BRAFF-K439(SSEDNRNMT	99	212
>BRAFF-K439(SSEDNRNMK'	567	>BRAFF-K439(SSEDNRNMT	471	96
>BRAFF-K439(SSSEDNRNMI	38	>BRAFF-K439(SSSEDNRNMI	33153	33115

>BRAFF-K475IKWHGDVAVI	981	>BRAFF-K475IMWHGDVAV	385	596
>BRAFF-K475IKWHGDVAVI	59	>BRAFF-K475IMWHGDVAV	26	33
>BRAFF-K475IKWHGDVAVI	41	>BRAFF-K475IMWHGDVAV	171	130
>BRAFF-K475IKWHGDVAVI	38	>BRAFF-K475IMWHGDVAV	158	120
>BRAFF-K475IKWHGDVAV	65	>BRAFF-K475IMWHGDVAV	83	18
>BRAFF-K475IKWHGDVAVI	124	>BRAFF-K475IMWHGDVAV	156	32
>BRAFF-K475IGKWHGDVA	22743	>BRAFF-K475IGMWHGDVA	296	22447
>BRAFF-K475IGKWHGDVA\	15489	>BRAFF-K475IGMWHGDVA	13	15476
>BRAFF-K475IGKWHGDVA\	22525	>BRAFF-K475IGMWHGDVA	125	22400
>BRAFF-K475IGKWHGDVA\	18100	>BRAFF-K475IGMWHGDVA	71	18029
>BRAFF-K475IGKWHGDVA\	17965	>BRAFF-K475IGMWHGDVA	57	17908
>BRAFF-K475IGKWHGDVA\	4673	>BRAFF-K475IGMWHGDVA	21	4652
>BRAFF-K475IGKWHGDVA	20156	>BRAFF-K475IGMWHGDVA	27	20129
>BRAFF-K475IGKWHGDVA\	3298	>BRAFF-K475IGMWHGDVA	2	3296
>BRAFF-K475IGKWHGDVA\	17991	>BRAFF-K475IGMWHGDVA	28	17963
>BRAFF-K475IGKWHGDVA	16773	>BRAFF-K475IGMWHGDVA	33	16740
>BRAFF-K475IGKWHGDVA\	2648	>BRAFF-K475IGMWHGDVA	2	2646
>BRAFF-K475IGKWHGDVA\	18714	>BRAFF-K475IGMWHGDVA	41	18673
>BRAFF-K475IGKWHGDVA	16377	>BRAFF-K475IGMWHGDVA	25	16352
>BRAFF-K475IGKWHGDVA\	1333	>BRAFF-K475IGMWHGDVA	4	1329
>BRAFF-K475IGKWHGDVA\	14822	>BRAFF-K475IGMWHGDVA	27	14795
>BRAFF-K475IGKWHGDVA\	17336	>BRAFF-K475IGMWHGDVA	19	17317
>BRAFF-K475IGKWHGDVA	33316	>BRAFF-K475IGMWHGDVA	122	33194
>BRAFF-K475IGKWHGDVA\	8460	>BRAFF-K475IGMWHGDVA	3	8457
>BRAFF-K475IGKWHGDVA\	33633	>BRAFF-K475IGMWHGDVA	113	33520
>BRAFF-K475IGKWHGDVA\	14460	>BRAFF-K475IGMWHGDVA	416	14044
>BRAFF-K475IGKWHGDVA\	48	>BRAFF-K475IGMWHGDVA	132	84
>BRAFF-K475IGKWHGDVA\	45	>BRAFF-K475IGMWHGDVA	116	71
>BRAFF-K475IGKWHGDVA\	611	>BRAFF-K475IGMWHGDVA	264	347
>BRAFF-K475IGKWHGDVA\	858	>BRAFF-K475IGMWHGDVA	371	487
>BRAFF-K475IKGKWHGDV/	4734	>BRAFF-K475IKGMWHGDV	215	4519
>BRAFF-K475IKGKWHGDV/	51	>BRAFF-K475IKGMWHGDV	947	896
>BRAFF-K475IYKGMWHGD\	236	>BRAFF-K475IYKGMWHGD	245	9
>BRAFF-K475ITVYKGMWHG	418	>BRAFF-K475ITVYKGMWHG	78	340
>BRAFF-K475ITVYKGMWHG	901	>BRAFF-K475ITVYKGMWHG	323	578
>BRAFF-K475ITVYKGMWHG	239	>BRAFF-K475ITVYKGMWHG	159	80
>BRAFF-K475ITVYKGMWHG	266	>BRAFF-K475ITVYKGMWHG	212	54
>BRAFF-K475ITVYKGMWHG	62	>BRAFF-K475ITVYKGMWHG	50	12
>BRAFF-K475ITVYKGMWH	2254	>BRAFF-K475ITVYKGMWH	278	1976
>BRAFF-K475ITVYKGMWHG	109	>BRAFF-K475ITVYKGMWHG	54	55
>BRAFF-K475ITVYKGMWHG	40	>BRAFF-K475ITVYKGMWHG	23	17
>BRAFF-K475IGTVYKGMW	13	>BRAFF-K475IGTVYKGMW	18	5
>BRAFF-K475IGTVYKGMW	199	>BRAFF-K475IGTVYKGMW	251	52

>BRAFF-K475I GTVYK GKWH	177	>BRAFF-K475I GTVYK GMWI	83	94
>BRAFF-K475I FGTVYK GKW	51	>BRAFF-K475I FGTVYK GMW	62	11
>BRAFF-K475I SFGTVYK GKV	365	>BRAFF-K475I SFGTVYK GM'	200	165
>BRAFF-K475I GSFGTVYK GK	119	>BRAFF-K475I GSFGTVYK GM	25881	25762
>BRAFF-K475I GSFGTVYK GK	39	>BRAFF-K475I GSFGTVYK GM	33541	33502
>BRAFF-K475I GSFGTVYK GK	338	>BRAFF-K475I GSFGTVYK GM	8116	7778
>BRAFF-K475I GSFGTVYK GK	11786	>BRAFF-K475I GSFGTVYK GM	23	11763
>BRAFF-K475I GSFGTVYK GK	9	>BRAFF-K475I GSFGTVYK GM	11	2
>BRAFF-K475I GSFGTVYK GK	40	>BRAFF-K475I GSFGTVYK GM	43	3
>BRAFF-K475I GSFGTVYK GK	29	>BRAFF-K475I GSFGTVYK GM	38	9
>BRAFF-K475I GSFGTVYK GK	25966	>BRAFF-K475I GSFGTVYK GM	327	25639
>BRAFF-K475I GSFGTVYK GK	90	>BRAFF-K475I GSFGTVYK GM	31	59
>BRAFF-K475I GSFGTVYK GK	103	>BRAFF-K475I GSFGTVYK GM	114	11
>BRAFF-K475I GSFGTVYK GK	141	>BRAFF-K475I GSFGTVYK GM	2738	2597
>BRAFF-K591F KIGDFGLATV	53	>BRAFF-K591F RIGDFGLATV	61	8
>BRAFF-K591F KIGDFGLATV	34	>BRAFF-K591F RIGDFGLATV	46	12
>BRAFF-K591F KIGDFGLATV	12	>BRAFF-K591F RIGDFGLATV	13	1
>BRAFF-K591F KIGDFGLATV	59	>BRAFF-K591F RIGDFGLATV	74	15
>BRAFF-K591F KIGDFGLATV	4	>BRAFF-K591F RIGDFGLATV	4	0
>BRAFF-K591F KIGDFGLATV	15	>BRAFF-K591F RIGDFGLATV	23	8
>BRAFF-K591F KIGDFGLATV	16	>BRAFF-K591F RIGDFGLATV	25	9
>BRAFF-K591F KIGDFGLATV	30	>BRAFF-K591F RIGDFGLATV	45	15
>BRAFF-K591F KIGDFGLATV	4	>BRAFF-K591F RIGDFGLATV	4	0
>BRAFF-K591F KIGDFGLATV	129	>BRAFF-K591F RIGDFGLATV	126	3
>BRAFF-K591F KIGDFGLATV	57	>BRAFF-K591F RIGDFGLATV	48	9
>BRAFF-K591F KIGDFGLATV	132	>BRAFF-K591F RIGDFGLATV	192	60
>BRAFF-K591F VKIGDFGLAT	144	>BRAFF-K591F VRIGDFGLAT	856	712
>BRAFF-K591F VKIGDFGL	10441	>BRAFF-K591F VRIGDFGL	240	10201
>BRAFF-K591F NIFLHEDLTVI	333	>BRAFF-K591F NIFLHEDLTVI	6326	5993
>BRAFF-K591F NIFLHEDLTVI	4207	>BRAFF-K591F NIFLHEDLTVI	188	4019
>BRAFF-K591F NIFLHEDLTVI	61	>BRAFF-K591F NIFLHEDLTVI	25	36
>BRAFF-K591F NIFLHEDLTVI	5028	>BRAFF-K591F NIFLHEDLTVI	210	4818
>BRAFF-K591F TVKIGDFGLA	1518	>BRAFF-K591F TVRIGDFGLA	246	1272
>BRAFF-K591F TVKIGDFGL	1338	>BRAFF-K591F TVRIGDFGL	133	1205
>BRAFF-K591F LTVKIGDFGL	354	>BRAFF-K591F LTVRIGDFGL	300	54
>BRAFF-K591F LTVKIGDF	154	>BRAFF-K591F LTVRIGDF	96	58
>BRAFF-K591F LTVKIGDFGL	229	>BRAFF-K591F LTVRIGDFGL	218	11
>BRAFF-K591F LTVKIGDF	13	>BRAFF-K591F LTVRIGDF	16	3
>BRAFF-K591F LTVKIGDFGL	24	>BRAFF-K591F LTVRIGDFGL	32	8
>BRAFF-K591F LTVKIGDFGL	424	>BRAFF-K591F LTVRIGDFGL	709	285
>BRAFF-K591F LTVKIGDF	118	>BRAFF-K591F LTVRIGDF	342	224
>BRAFF-K591F LTVKIGDFGL	949	>BRAFF-K591F LTVRIGDFGL	285	664
>BRAFF-K591F LTVKIGDFGL	380	>BRAFF-K591F LTVRIGDFGL	516	136



>BRAFK591FLTLVKIGDFG	205	>BRAFK591FLTLVTRIGDFG	178	27
>BRAFK591FHEDLTVKI	12	>BRAFK591FHEDLTVRI	10	2
>BRAFK591FHEDLTVKI	114	>BRAFK591FHEDLTVRI	157	43
>BRAFK591FHEDLTVKI	157	>BRAFK591FHEDLTVRI	144	13
>BRAFK591FLHEDLTVKI	66	>BRAFK591FLHEDLTVRI	54	12
>BRAFK591FLHEDLTVKI	14	>BRAFK591FLHEDLTVRI	15	1
>BRAFK591FLHEDLTVK	332	>BRAFK591FLHEDLTVR	807	475
>BRAFK591FLHEDLTVKI	24	>BRAFK591FLHEDLTVRI	31	7
>BRAFK591FLHEDLTVKIC	334	>BRAFK591FLHEDLTVRIC	275	59
>BRAFK591FLHEDLTVKI	101	>BRAFK591FLHEDLTVRI	112	11
>BRAFK591FLHEDLTVK	368	>BRAFK591FLHEDLTVR	951	583
>BRAFK591FLHEDLTVKI	2	>BRAFK591FLHEDLTVRI	2	0
>BRAFK591FLHEDLTVKI	4	>BRAFK591FLHEDLTVRI	4	0
>BRAFK591FLHEDLTVKI	7	>BRAFK591FLHEDLTVRI	8	1
>BRAFK591FLHEDLTVKI	13	>BRAFK591FLHEDLTVRI	14	1
>BRAFK591FLHEDLTVK	39	>BRAFK591FLHEDLTVR	259	220
>BRAFK591FLHEDLTVKI	2	>BRAFK591FLHEDLTVRI	2	0
>BRAFK591FLHEDLTVK	957	>BRAFK591FLHEDLTVR	290	667
>BRAFK591FLHEDLTVKI	414	>BRAFK591FLHEDLTVRI	729	315
>BRAFK591IFLHEDLTVKI	68	>BRAFK591IFLHEDLTVRI	59	9
>BRAFK591IFLHEDLTVKI	91	>BRAFK591IFLHEDLTVRI	161	70
>BRAFK591IFLHEDLTVK	993	>BRAFK591IFLHEDLTVR	69	924
>BRAFK601EKSRWSGSHQ	8600	>BRAFK601EKSRWSGSHQ	124	8476
>BRAFK601EKSRWSGSH	55	>BRAFK601EKSRWSGSH	12480	12425
>BRAFK601EKSRWSGSHQ	24	>BRAFK601EKSRWSGSHQ	6800	6776
>BRAFK601EKSRWSGSHQ	44	>BRAFK601EKSRWSGSHQ	12466	12422
>BRAFK601EKSRWSGSHQ	23	>BRAFK601EKSRWSGSHQ	7049	7026
>BRAFK601EKSRWSGSHQ	93	>BRAFK601EKSRWSGSHQ	429	336
>BRAFK601EKSRWSGSHQ	14	>BRAFK601EKSRWSGSHQ	127	113
>BRAFK601EKSRWSGSH	31	>BRAFK601EKSRWSGSH	896	865
>BRAFK601EKSRWSGSHQ	51	>BRAFK601EKSRWSGSHQ	1263	1212
>BRAFK601EKSRWSGSHQ	2	>BRAFK601EKSRWSGSHQ	3	1
>BRAFK601EKSRWSGSHQ	186	>BRAFK601EKSRWSGSHQ	2668	2482
>BRAFK601EKSRWSGSHQ	73	>BRAFK601EKSRWSGSHQ	3429	3356
>BRAFK601EKSRWSGSHQ	24	>BRAFK601EKSRWSGSHQ	5105	5081
>BRAFK601EKSRWSGSH	333	>BRAFK601EKSRWSGSH	1467	1134
>BRAFK601EKSRWSGSHQ	193	>BRAFK601EKSRWSGSHQ	2032	1839
>BRAFK601EKSRWSGSHQ	72	>BRAFK601EKSRWSGSHQ	568	496
>BRAFK601EKSRWSGSH	15179	>BRAFK601EKSRWSGSH	459	14720
>BRAFK601EKSRWSGSH	4512	>BRAFK601EKSRWSGSH	450	4062
>BRAFK601EKSRWSGSH	9	>BRAFK601EKSRWSGSH	263	254
>BRAFK601EKSRWSGSH	13311	>BRAFK601EKSRWSGSH	147	13164
>BRAFK601EKSRWSGSH	16862	>BRAFK601EKSRWSGSH	432	16430

>BRAFF-K601E VKSRWSGSH	22553	>BRAFF-K601E VESRWSGSH	265	22288
>BRAFF-K601E KIGDFGLATV	129	>BRAFF-K601E KIGDFGLATV	18256	18127
>BRAFF-K601E KIGDFGLATV	57	>BRAFF-K601E KIGDFGLATV	22152	22095
>BRAFF-K601E KIGDFGLATV	132	>BRAFF-K601E KIGDFGLATV	11462	11330
>BRAFF-K601E ATVKSRWSG:	660	>BRAFF-K601E ATVESRWSG:	303	357
>BRAFF-K601E ATVKSRWSG:	451	>BRAFF-K601E ATVESRWSG:	1467	1016
>BRAFF-K601E LATVKSRW	36	>BRAFF-K601E LATVESRW	34	2
>BRAFF-K601E LATVKSRW	86	>BRAFF-K601E LATVESRW	38	48
>BRAFF-K601E LATVKSRW	73	>BRAFF-K601E LATVESRW	60	13
>BRAFF-K601E LATVKSRW	22	>BRAFF-K601E LATVESRW	17	5
>BRAFF-K601E LATVKSRW	172	>BRAFF-K601E LATVESRW	108	64
>BRAFF-K601E LATVKSRW	130	>BRAFF-K601E LATVESRW	38	92
>BRAFF-K601E GLATVKSR	658	>BRAFF-K601E GLATVESR	230	428
>BRAFF-K601E GLATVKSRW	242	>BRAFF-K601E GLATVESRW	445	203
>BRAFF-K601E FGLATVKSRM	98	>BRAFF-K601E FGLATVESRM	110	12
>BRAFF-K601E FGLATVKSRM	499	>BRAFF-K601E FGLATVESRM	402	97
>BRAFF-K601E FGLATVKSRM	45	>BRAFF-K601E FGLATVESRM	22	23
>BRAFF-K601E FGLATVKSRM	215	>BRAFF-K601E FGLATVESRM	128	87
>BRAFF-K601E DFGLATVKSR	205	>BRAFF-K601E DFGLATVESR	115	90
>BRAFF-K601E DFGLATVKSR	246	>BRAFF-K601E DFGLATVESR	453	207
>BRAFF-K601I KSRWSGSH	55	>BRAFF-K601I ISRWSGSH	1638	1583
>BRAFF-K601I KSRWSGSHQ	24	>BRAFF-K601I ISRWSGSHQ	444	420
>BRAFF-K601I KSRWSGSHQ	44	>BRAFF-K601I ISRWSGSHQF	1464	1420
>BRAFF-K601I KSRWSGSHQ	23	>BRAFF-K601I ISRWSGSHQF	374	351
>BRAFF-K601I KSRWSGSHQ	93	>BRAFF-K601I ISRWSGSHQF	87	6
>BRAFF-K601I KSRWSGSHQ	14	>BRAFF-K601I ISRWSGSHQF	13	1
>BRAFF-K601I KSRWSGSH	31	>BRAFF-K601I ISRWSGSH	46	15
>BRAFF-K601I KSRWSGSHQ	51	>BRAFF-K601I ISRWSGSHQ	88	37
>BRAFF-K601I KSRWSGSHQ	2	>BRAFF-K601I ISRWSGSHQF	2	0
>BRAFF-K601I KSRWSGSHQ	186	>BRAFF-K601I ISRWSGSHQF	244	58
>BRAFF-K601I KSRWSGSHQ	73	>BRAFF-K601I ISRWSGSHQF	103	30
>BRAFF-K601I KSRWSGSHQ	24	>BRAFF-K601I ISRWSGSHQF	82	58
>BRAFF-K601I KSRWSGSH	333	>BRAFF-K601I ISRWSGSH	407	74
>BRAFF-K601I KSRWSGSHQ	193	>BRAFF-K601I ISRWSGSHQ	115	78
>BRAFF-K601I KSRWSGSHQ	72	>BRAFF-K601I ISRWSGSHQF	114	42
>BRAFF-K601I VKSRWSGSH	4512	>BRAFF-K601I VISRWSGSHC	132	4380
>BRAFF-K601I VKSRWSGSH	9	>BRAFF-K601I VISRWSGSHC	537	528
>BRAFF-K601I VKSRWSGSH	9834	>BRAFF-K601I VISRWSGSHC	330	9504
>BRAFF-K601I VKSRWSGSH	10111	>BRAFF-K601I VISRWSGSHC	168	9943
>BRAFF-K601I VKSRWSGSH	1427	>BRAFF-K601I VISRWSGSHC	297	1130
>BRAFF-K601I KIGDFGLATV	17775	>BRAFF-K601I KIGDFGLATV	184	17591
>BRAFF-K601I KIGDFGLATV	129	>BRAFF-K601I KIGDFGLATV	19335	19206
>BRAFF-K601I KIGDFGLATV	57	>BRAFF-K601I KIGDFGLATV	21765	21708

>BRAFF-K601I KIGDFGLATV	5785	>BRAFF-K601I KIGDFGLATV	54	5731
>BRAFF-K601I KIGDFGLATV	132	>BRAFF-K601I KIGDFGLATV	15762	15630
>BRAFF-K601I TVKSRWSGSI	10656	>BRAFF-K601I TVISRWSGSH	360	10296
>BRAFF-K601I TVKSRWSGSI	11638	>BRAFF-K601I TVISRWSGSH	346	11292
>BRAFF-K601I ATVKSRWSG:	660	>BRAFF-K601I ATVISRWSGS	181	479
>BRAFF-K601I ATVKSRWSG:	451	>BRAFF-K601I ATVISRWSGS	877	426
>BRAFF-K601I LATVKSRW	36	>BRAFF-K601I LATVISRW	30	6
>BRAFF-K601I LATVKSRW	86	>BRAFF-K601I LATVISRW	48	38
>BRAFF-K601I LATVKSRW	73	>BRAFF-K601I LATVISRW	56	17
>BRAFF-K601I LATVKSRW	22	>BRAFF-K601I LATVISRW	14	8
>BRAFF-K601I LATVKSRW	172	>BRAFF-K601I LATVISRW	37	135
>BRAFF-K601I LATVKSRW	130	>BRAFF-K601I LATVISRW	42	88
>BRAFF-K601I GLATVKSR	2178	>BRAFF-K601I GLATVISR	395	1783
>BRAFF-K601I GLATVKSR	697	>BRAFF-K601I GLATVISR	388	309
>BRAFF-K601I GLATVKSR	658	>BRAFF-K601I GLATVISR	184	474
>BRAFF-K601I GLATVKSRW	1001	>BRAFF-K601I GLATVISRW	325	676
>BRAFF-K601I GLATVKSRW	242	>BRAFF-K601I GLATVISRW	333	91
>BRAFF-K601I FGLATVKSRM	98	>BRAFF-K601I FGLATVISRW	60	38
>BRAFF-K601I FGLATVKSRM	499	>BRAFF-K601I FGLATVISRW	530	31
>BRAFF-K601I FGLATVKSRM	45	>BRAFF-K601I FGLATVISRW	20	25
>BRAFF-K601I FGLATVKSRM	215	>BRAFF-K601I FGLATVISRW	54	161
>BRAFF-K601I FGLATVKSR	756	>BRAFF-K601I FGLATVISR	422	334
>BRAFF-K601I DFGLATVKSR	205	>BRAFF-K601I DFGLATVISR	55	150
>BRAFF-K601I DFGLATVKSR	246	>BRAFF-K601I DFGLATVISR	130	116
>BRAFF-K601I GDFGLATVK	3037	>BRAFF-K601I GDFGLATVI	82	2955
>BRAFF-K601I GDFGLATVK	3033	>BRAFF-K601I GDFGLATVI	172	2861
>BRAFF-K601I GDFGLATVK	19256	>BRAFF-K601I GDFGLATVI	105	19151
>BRAFF-K601I GDFGLATVK	19717	>BRAFF-K601I GDFGLATVI	73	19644
>BRAFF-K601I KSRWSGSH	55	>BRAFF-K601I KSRWSGSH	55	0
>BRAFF-K601I KSRWSGSHQ	44	>BRAFF-K601I KSRWSGSHQ	44	0
>BRAFF-K601I KSRWSGSHQ	23	>BRAFF-K601I KSRWSGSHQ	23	0
>BRAFF-K601I KSRWSGSHQ	93	>BRAFF-K601I KSRWSGSHQ	93	0
>BRAFF-K601I KSRWSGSHQ	14	>BRAFF-K601I KSRWSGSHQ	14	0
>BRAFF-K601I KSRWSGSH	31	>BRAFF-K601I KSRWSGSH	31	0
>BRAFF-K601I KSRWSGSHQ	2	>BRAFF-K601I KSRWSGSHQ	2	0
>BRAFF-K601I KSRWSGSHQ	186	>BRAFF-K601I KSRWSGSHQ	186	0
>BRAFF-K601I KSRWSGSHQ	73	>BRAFF-K601I KSRWSGSHQ	73	0
>BRAFF-K601I KSRWSGSHQ	24	>BRAFF-K601I KSRWSGSHQ	24	0
>BRAFF-K601I KSRWSGSH	333	>BRAFF-K601I KSRWSGSH	333	0
>BRAFF-K601I KSRWSGSHQ	72	>BRAFF-K601I KSRWSGSHQ	72	0
>BRAFF-K601I VKSRWSGSH	9	>BRAFF-K601I VKSRWSGSH	9	0
>BRAFF-K601I KIGDFGLATV	129	>BRAFF-K601I KIGDFGLATV	129	0
>BRAFF-K601I KIGDFGLATV	57	>BRAFF-K601I KIGDFGLATV	57	0

>BRAFF-K601F KIGDFGLATV	132	>BRAFF-K601F KIGDFGLATV	132	0
>BRAFF-K601F ATVKSRWSG!	451	>BRAFF-K601F ATVKSRWSG!	451	0
>BRAFF-K601F LATVKSRW	36	>BRAFF-K601F LATVKSRW	36	0
>BRAFF-K601F LATVKSRW	86	>BRAFF-K601F LATVKSRW	86	0
>BRAFF-K601F LATVKSRW	73	>BRAFF-K601F LATVKSRW	73	0
>BRAFF-K601F LATVKSRW	22	>BRAFF-K601F LATVKSRW	22	0
>BRAFF-K601F LATVKSRW	172	>BRAFF-K601F LATVKSRW	172	0
>BRAFF-K601F LATVKSRW	130	>BRAFF-K601F LATVKSRW	130	0
>BRAFF-K601F FGLATVKSRM	98	>BRAFF-K601F FGLATVKSRM	98	0
>BRAFF-K601F FGLATVKSRM	499	>BRAFF-K601F FGLATVKSRM	499	0
>BRAFF-K601F FGLATVKSRM	45	>BRAFF-K601F FGLATVKSRM	45	0
>BRAFF-K601F FGLATVKSRM	215	>BRAFF-K601F FGLATVKSRM	215	0
>BRAFF-K601F DFGLATVKSR	205	>BRAFF-K601F DFGLATVKSR	205	0
>BRAFF-K601F DFGLATVKSR	246	>BRAFF-K601F DFGLATVKSR	246	0
>BRAFF-K601L KSRWSGSH	55	>BRAFF-K601L LSRWSGSH	1713	1658
>BRAFF-K601L KSRWSGSHQ	24	>BRAFF-K601L LSRWSGSHQ	437	413
>BRAFF-K601L KSRWSGSHQ	44	>BRAFF-K601L LSRWSGSHQ	1463	1419
>BRAFF-K601L KSRWSGSHQ	23	>BRAFF-K601L LSRWSGSHQ	388	365
>BRAFF-K601L KSRWSGSHQ	93	>BRAFF-K601L LSRWSGSHQ	50	43
>BRAFF-K601L KSRWSGSHQ	14	>BRAFF-K601L LSRWSGSHQ	16	2
>BRAFF-K601L KSRWSGSH	31	>BRAFF-K601L LSRWSGSH	99	68
>BRAFF-K601L KSRWSGSHQ	51	>BRAFF-K601L LSRWSGSHQ	162	111
>BRAFF-K601L KSRWSGSHQ	2	>BRAFF-K601L LSRWSGSHQ	2	0
>BRAFF-K601L KSRWSGSHQ	186	>BRAFF-K601L LSRWSGSHQ	447	261
>BRAFF-K601L KSRWSGSHQ	73	>BRAFF-K601L LSRWSGSHQ	206	133
>BRAFF-K601L KSRWSGSHQ	24	>BRAFF-K601L LSRWSGSHQ	99	75
>BRAFF-K601L KSRWSGSH	333	>BRAFF-K601L LSRWSGSH	291	42
>BRAFF-K601L KSRWSGSHQ	193	>BRAFF-K601L LSRWSGSHQ	160	33
>BRAFF-K601L KSRWSGSHQ	72	>BRAFF-K601L LSRWSGSHQ	33	39
>BRAFF-K601L VKSRWSGSH	26226	>BRAFF-K601L VLSRWSGSH	476	25750
>BRAFF-K601L VKSRWSGSH	33180	>BRAFF-K601L VLSRWSGSH	71	33109
>BRAFF-K601L VKSRWSGSH	33609	>BRAFF-K601L VLSRWSGSH	117	33492
>BRAFF-K601L VKSRWSGSH	2486	>BRAFF-K601L VLSRWSGSH	373	2113
>BRAFF-K601L VKSRWSGSH	4512	>BRAFF-K601L VLSRWSGSH	73	4439
>BRAFF-K601L VKSRWSGSH	9011	>BRAFF-K601L VLSRWSGSH	416	8595
>BRAFF-K601L VKSRWSGSH	9	>BRAFF-K601L VLSRWSGSH	144	135
>BRAFF-K601L VKSRWSGSH	1427	>BRAFF-K601L VLSRWSGSH	451	976
>BRAFF-K601L KIGDFGLATV	23086	>BRAFF-K601L KIGDFGLATV	298	22788
>BRAFF-K601L KIGDFGLATV	17775	>BRAFF-K601L KIGDFGLATV	215	17560
>BRAFF-K601L KIGDFGLATV	20029	>BRAFF-K601L KIGDFGLATV	169	19860
>BRAFF-K601L KIGDFGLATV	129	>BRAFF-K601L KIGDFGLATV	18518	18389
>BRAFF-K601L KIGDFGLATV	57	>BRAFF-K601L KIGDFGLATV	20909	20852
>BRAFF-K601L KIGDFGLATV	5785	>BRAFF-K601L KIGDFGLATV	133	5652

>BRAFF-K601L KIGDFGLATV	132	>BRAFF-K601L KIGDFGLATV	10109	9977
>BRAFF-K601L ATVKSRWSG:	660	>BRAFF-K601L ATVLSRWSG:	433	227
>BRAFF-K601L ATVKSRWSG:	451	>BRAFF-K601L ATVLSRWSG:	831	380
>BRAFF-K601L LATVKSRW	36	>BRAFF-K601L LATVLSRW	28	8
>BRAFF-K601L LATVKSRW	86	>BRAFF-K601L LATVLSRW	52	34
>BRAFF-K601L LATVKSRW	73	>BRAFF-K601L LATVLSRW	59	14
>BRAFF-K601L LATVKSRW	22	>BRAFF-K601L LATVLSRW	15	7
>BRAFF-K601L LATVKSRW	172	>BRAFF-K601L LATVLSRW	62	110
>BRAFF-K601L LATVKSRW	130	>BRAFF-K601L LATVLSRW	63	67
>BRAFF-K601L GLATVKSR	2178	>BRAFF-K601L GLATVLSR	370	1808
>BRAFF-K601L GLATVKSR	658	>BRAFF-K601L GLATVLSR	349	309
>BRAFF-K601L GLATVKSRW	1001	>BRAFF-K601L GLATVLSRW	444	557
>BRAFF-K601L GLATVKSRW	242	>BRAFF-K601L GLATVLSRW	162	80
>BRAFF-K601L FGLATVKSRM	98	>BRAFF-K601L FGLATVLSRM	47	51
>BRAFF-K601L FGLATVKSRM	499	>BRAFF-K601L FGLATVLSRM	515	16
>BRAFF-K601L FGLATVKSRM	45	>BRAFF-K601L FGLATVLSRM	19	26
>BRAFF-K601L FGLATVKSRM	215	>BRAFF-K601L FGLATVLSRM	91	124
>BRAFF-K601L FGLATVKSR	756	>BRAFF-K601L FGLATVLSR	338	418
>BRAFF-K601L DFGLATVKSR	205	>BRAFF-K601L DFGLATVLSR	61	144
>BRAFF-K601L DFGLATVKSR	246	>BRAFF-K601L DFGLATVLSR	101	145
>BRAFF-K601L GDFGLATVK	3037	>BRAFF-K601L GDFGLATVL	41	2996
>BRAFF-K601L GDFGLATVK	3033	>BRAFF-K601L GDFGLATVL	80	2953
>BRAFF-K601L KSRWSGSH	55	>BRAFF-K601L NSRWSGSH	8108	8053
>BRAFF-K601L KSRWSGSHQ	24	>BRAFF-K601L NSRWSGSHC	3329	3305
>BRAFF-K601L KSRWSGSHQ	44	>BRAFF-K601L NSRWSGSHC	8206	8162
>BRAFF-K601L KSRWSGSHQ	23	>BRAFF-K601L NSRWSGSHC	3345	3322
>BRAFF-K601L KSRWSGSHQ	93	>BRAFF-K601L NSRWSGSHC	265	172
>BRAFF-K601L KSRWSGSHQ	14	>BRAFF-K601L NSRWSGSHC	124	110
>BRAFF-K601L KSRWSGSH	31	>BRAFF-K601L NSRWSGSH	1938	1907
>BRAFF-K601L KSRWSGSHQ	51	>BRAFF-K601L NSRWSGSHC	2547	2496
>BRAFF-K601L KSRWSGSHQ	2	>BRAFF-K601L NSRWSGSHC	4	2
>BRAFF-K601L KSRWSGSHQ	186	>BRAFF-K601L NSRWSGSHC	5124	4938
>BRAFF-K601L KSRWSGSHQ	73	>BRAFF-K601L NSRWSGSHC	2783	2710
>BRAFF-K601L KSRWSGSHQ	24	>BRAFF-K601L NSRWSGSHC	4599	4575
>BRAFF-K601L KSRWSGSH	333	>BRAFF-K601L NSRWSGSH	971	638
>BRAFF-K601L KSRWSGSHQ	193	>BRAFF-K601L NSRWSGSHC	1553	1360
>BRAFF-K601L KSRWSGSHQ	72	>BRAFF-K601L NSRWSGSHC	305	233
>BRAFF-K601L VKSRWSGSH	9	>BRAFF-K601L VNSRWSGSH	642	633
>BRAFF-K601L VKSRWSGSH	1427	>BRAFF-K601L VNSRWSGSH	368	1059
>BRAFF-K601L KIGDFGLATV	129	>BRAFF-K601L KIGDFGLATV	18054	17925
>BRAFF-K601L KIGDFGLATV	57	>BRAFF-K601L KIGDFGLATV	20470	20413
>BRAFF-K601L KIGDFGLATV	132	>BRAFF-K601L KIGDFGLATV	7806	7674
>BRAFF-K601L ATVKSRWSG:	451	>BRAFF-K601L ATVNSRWSG	326	125

>BRAFF-K601^LATVKSRW	36	>BRAFF-K601^LATVNSRW	22	14
>BRAFF-K601^LATVKSRW	86	>BRAFF-K601^LATVNSRW	58	28
>BRAFF-K601^LATVKSRW	73	>BRAFF-K601^LATVNSRW	70	3
>BRAFF-K601^LATVKSRW	22	>BRAFF-K601^LATVNSRW	16	6
>BRAFF-K601^LATVKSRW	172	>BRAFF-K601^LATVNSRW	72	100
>BRAFF-K601^LATVKSRW	130	>BRAFF-K601^LATVNSRW	64	66
>BRAFF-K601^GLATVKSR	658	>BRAFF-K601^GLATVNSR	203	455
>BRAFF-K601^GLATVKSRW	242	>BRAFF-K601^GLATVNSRW	162	80
>BRAFF-K601^FGLATVKSRW	98	>BRAFF-K601^FGLATVNSRV	116	18
>BRAFF-K601^FGLATVKSRW	499	>BRAFF-K601^FGLATVNSRV	674	175
>BRAFF-K601^FGLATVKSRW	45	>BRAFF-K601^FGLATVNSRV	25	20
>BRAFF-K601^FGLATVKSRW	215	>BRAFF-K601^FGLATVNSRV	111	104
>BRAFF-K601^DFGLATVKSR	205	>BRAFF-K601^DFGLATVNSF	134	71
>BRAFF-K601^DFGLATVKSR	246	>BRAFF-K601^DFGLATVNSF	300	54
>BRAFF-K601^KSRWSGSH	55	>BRAFF-K601^QSRWSGSH	2471	2416
>BRAFF-K601^KSRWSGSHQ	24	>BRAFF-K601^QSRWSGSHC	661	637
>BRAFF-K601^KSRWSGSHQ	44	>BRAFF-K601^QSRWSGSHC	2119	2075
>BRAFF-K601^KSRWSGSHQ	23	>BRAFF-K601^QSRWSGSHC	570	547
>BRAFF-K601^KSRWSGSHQ	93	>BRAFF-K601^QSRWSGSHC	148	55
>BRAFF-K601^KSRWSGSHQ	14	>BRAFF-K601^QSRWSGSHC	34	20
>BRAFF-K601^KSRWSGSH	31	>BRAFF-K601^QSRWSGSH	226	195
>BRAFF-K601^KSRWSGSHQ	51	>BRAFF-K601^QSRWSGSHC	328	277
>BRAFF-K601^KSRWSGSHQ	2	>BRAFF-K601^QSRWSGSHC	2	0
>BRAFF-K601^KSRWSGSHQ	186	>BRAFF-K601^QSRWSGSHC	935	749
>BRAFF-K601^KSRWSGSHQ	73	>BRAFF-K601^QSRWSGSHC	1487	1414
>BRAFF-K601^KSRWSGSHQ	24	>BRAFF-K601^QSRWSGSHC	674	650
>BRAFF-K601^KSRWSGSH	333	>BRAFF-K601^QSRWSGSH	583	250
>BRAFF-K601^KSRWSGSHQ	193	>BRAFF-K601^QSRWSGSHC	507	314
>BRAFF-K601^KSRWSGSHQ	72	>BRAFF-K601^QSRWSGSHC	82	10
>BRAFF-K601^VKSRRWSGSH	2486	>BRAFF-K601^VQSRWSGSH	475	2011
>BRAFF-K601^VKSRRWSGSH	18095	>BRAFF-K601^VQSRWSGSH	282	17813
>BRAFF-K601^VKSRRWSGSH	19908	>BRAFF-K601^VQSRWSGSH	463	19445
>BRAFF-K601^VKSRRWSGSH	4512	>BRAFF-K601^VQSRWSGSH	46	4466
>BRAFF-K601^VKSRRWSGSH	9	>BRAFF-K601^VQSRWSGSH	10	1
>BRAFF-K601^KIGDFGLATV	129	>BRAFF-K601^KIGDFGLATV	17151	17022
>BRAFF-K601^KIGDFGLATV	57	>BRAFF-K601^KIGDFGLATV	20710	20653
>BRAFF-K601^KIGDFGLATV	132	>BRAFF-K601^KIGDFGLATV	1319	1187
>BRAFF-K601^ATVKSRWSG:	660	>BRAFF-K601^ATVQSRWSG	254	406
>BRAFF-K601^ATVKSRWSG:	451	>BRAFF-K601^ATVQSRWSG	483	32
>BRAFF-K601^LATVKSRW	36	>BRAFF-K601^LATVQSRW	26	10
>BRAFF-K601^LATVKSRW	86	>BRAFF-K601^LATVQSRW	43	43
>BRAFF-K601^LATVKSRW	73	>BRAFF-K601^LATVQSRW	55	18
>BRAFF-K601^LATVKSRW	22	>BRAFF-K601^LATVQSRW	15	7

>BRAFK601(LATVKSRW	172	>BRAFK601(LATVQSRW	104	68
>BRAFK601(LATVKSRW	130	>BRAFK601(LATVQSRW	61	69
>BRAFK601(GLATVKSR	658	>BRAFK601(GLATVQSR	412	246
>BRAFK601(GLATVKSRW	1001	>BRAFK601(GLATVQSRW	80	921
>BRAFK601(GLATVKSRW	242	>BRAFK601(GLATVQSRW	286	44
>BRAFK601(FGLATVKSRW	98	>BRAFK601(FGLATVQSRV	67	31
>BRAFK601(FGLATVKSRW	499	>BRAFK601(FGLATVQSRV	372	127
>BRAFK601(FGLATVKSRW	45	>BRAFK601(FGLATVQSRV	15	30
>BRAFK601(FGLATVKSRW	215	>BRAFK601(FGLATVQSRV	162	53
>BRAFK601(DFGLATVKSR	205	>BRAFK601(DFGLATVQSF	175	30
>BRAFK601(DFGLATVKSR	246	>BRAFK601(DFGLATVQSF	334	88
>BRAFL485FLNVTAPTPQC	5499	>BRAFL485FNVTAPTPQC	236	5263
>BRAFL485FMLNVTAPT	124	>BRAFL485MFNVTAPT	6380	6256
>BRAFL485FMLNVTAPT	36	>BRAFL485MFNVTAPT	12690	12654
>BRAFL485FMLNVTAPT	185	>BRAFL485MFNVTAPT	20244	20059
>BRAFL485FMLNVTAPT	57	>BRAFL485MFNVTAPT	28141	28084
>BRAFL485FMLNVTAPTPC	216	>BRAFL485MFNVTAPTPC	30504	30288
>BRAFL485FMLNVTAPTPC	36	>BRAFL485MFNVTAPTPC	23879	23843
>BRAFL485FKWHGDVAVF	6882	>BRAFL485FKWHGDVAVF	483	6399
>BRAFL485FKWHGDVAVF	1886	>BRAFL485FKWHGDVAVF	233	1653
>BRAFL485FKWHGDVAVF	59	>BRAFL485FKWHGDVAVF	9	50
>BRAFL485FKWHGDVAVF	124	>BRAFL485FKWHGDVAVF	168	44
>BRAFL485FKMLNVTAPT	30	>BRAFL485FKMFNVTAPT	21	9
>BRAFL485FKMLNVTAPT	360	>BRAFL485FKMFNVTAPT	36	324
>BRAFL485FKMLNVTAPTI	2383	>BRAFL485FKMFNVTAPTI	232	2151
>BRAFL485FKMLNVTAPT	47	>BRAFL485FKMFNVTAPT	10	37
>BRAFL485FKMLNVTAPTI	2154	>BRAFL485FKMFNVTAPTI	248	1906
>BRAFL485FKMLNVTAPT	25	>BRAFL485FKMFNVTAPT	39	14
>BRAFL485FKMLNVTAP	321	>BRAFL485FKMFNVTAP	170	151
>BRAFL485FKMLNVTAPT	6	>BRAFL485FKMFNVTAPT	5	1
>BRAFL485FKMLNVTAPTI	225	>BRAFL485FKMFNVTAPTI	127	98
>BRAFL485FKMLNVTAPTI	92	>BRAFL485FKMFNVTAPTI	53	39
>BRAFL485FKMLNVTAPT	12	>BRAFL485FKMFNVTAPT	18	6
>BRAFL485FKMLNVTAPTI	488	>BRAFL485FKMFNVTAPTI	704	216
>BRAFL485FKMLNVTAPT	25	>BRAFL485FKMFNVTAPT	25	0
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>BRAFL485FKMLNVTAPT	80	>BRAFL485FKMFNVTAPT	748	668
>BRAFL485FKMLNVTAPT	271	>BRAFL485FKMFNVTAPT	99	172
>BRAFL485FKMLNVTAPTI	1005	>BRAFL485FKMFNVTAPTI	425	580
>BRAFL485FKMLNVTAP	150	>BRAFL485FKMFNVTAP	35	115
>BRAFL485FKMLNVTAPT	30	>BRAFL485FKMFNVTAPT	10	20
>BRAFL485FKMLNVTAPTI	122	>BRAFL485FKMFNVTAPTI	36	86
>BRAFL485FKMLNVTAPTI	109	>BRAFL485FKMFNVTAPTI	28	81

>BRAFL485FKMLNVTAPT	3550	>BRAFL485FKMFNVTAPT	391	3159
>BRAFL485FKMLNVTAPTI	2374	>BRAFL485FKMFNVTAPTI	300	2074
>BRAFL485FKMLNVTAP	537	>BRAFL485FKMFNVTAP	144	393
>BRAFL485FKMLNVTAPT	957	>BRAFL485FKMFNVTAPT	233	724
>BRAFL485FKMLNVTAPTI	941	>BRAFL485FKMFNVTAPTI	269	672
>BRAFL485FKMLNVTAPTI	359	>BRAFL485FKMFNVTAPTI	85	274
>BRAFL485FKMLNVTAPTI	977	>BRAFL485FKMFNVTAPTI	461	516
>BRAFL485FKMLNVTATA	279	>BRAFL485FKMFNVTATA	142	137
>BRAFL485FKMLNVTAP	466	>BRAFL485FKMFNVTAP	261	205
>BRAFL485FVKMLNVTATA	23	>BRAFL485FVKMFNVTATA	11	12
>BRAFL485FVKMLNVTATA	126	>BRAFL485FVKMFNVTATA	67	59
>BRAFL485FVAVKMLNV	317	>BRAFL485FVAVKMFNV	67	250
>BRAFL485FVAVKMLNV	880	>BRAFL485FVAVKMFNV	452	428
>BRAFL485FVAVKMLNV	2342	>BRAFL485FVAVKMFNV	326	2016
>BRAFL485FDVAVKMLNV	41	>BRAFL485FDVAVKMFNV	10	31
>BRAFL485FDVAVKMLNV	145	>BRAFL485FDVAVKMFNV	50	95
>BRAFL485FDVAVKMLNV	55	>BRAFL485FDVAVKMFNV	11	44
>BRAFL485FGDVAVKMLN	246	>BRAFL485FGDVAVKMFN	136	110
>BRAFL485FVHGDVAVKI	5466	>BRAFL485FVHGDVAVKI	400	5066
>BRAFL485FVHGDVAVKI	395	>BRAFL485FVHGDVAVKI	5352	4957
>BRAFL584FLHEDLTVKI	3135	>BRAFL584FFHEDLTVKI	205	2930
>BRAFL584FLHEDLTV	9	>BRAFL584FFHEDLTV	1068	1059
>BRAFL584FLHEDLTVKI	66	>BRAFL584FFHEDLTVKI	9619	9553
>BRAFL584FLHEDLTV	6	>BRAFL584FFHEDLTV	208	202
>BRAFL584FLHEDLTVKI	14	>BRAFL584FFHEDLTVKI	2409	2395
>BRAFL584FLHEDLTV	3	>BRAFL584FFHEDLTV	823	820
>BRAFL584FLHEDLTVK	332	>BRAFL584FFHEDLTVK	19971	19639
>BRAFL584FLHEDLTVKI	24	>BRAFL584FFHEDLTVKI	4911	4887
>BRAFL584FLHEDLTVKIC	334	>BRAFL584FFHEDLTVKIC	20945	20611
>BRAFL584FLHEDLTV	7	>BRAFL584FFHEDLTV	179	172
>BRAFL584FLHEDLTVKI	101	>BRAFL584FFHEDLTVKI	4110	4009
>BRAFL584FLHEDLTV	1	>BRAFL584FFHEDLTV	61	60
>BRAFL584FLHEDLTVK	368	>BRAFL584FFHEDLTVK	21682	21314
>BRAFL584FLHEDLTVKI	2	>BRAFL584FFHEDLTVKI	881	879
>BRAFL584FLHEDLTV	3	>BRAFL584FFHEDLTV	397	394
>BRAFL584FLHEDLTVKI	4	>BRAFL584FFHEDLTVKI	5260	5256
>BRAFL584FLHEDLTV	4	>BRAFL584FFHEDLTV	215	211
>BRAFL584FLHEDLTVKI	7	>BRAFL584FFHEDLTVKI	4179	4172
>BRAFL584FLHEDLTV	6	>BRAFL584FFHEDLTV	4725	4719
>BRAFL584FLHEDLTVKI	13	>BRAFL584FFHEDLTVKI	13162	13149
>BRAFL584FLHEDLTV	1	>BRAFL584FFHEDLTV	23	22
>BRAFL584FLHEDLTVK	39	>BRAFL584FFHEDLTVK	22257	22218
>BRAFL584FLHEDLTVKI	2	>BRAFL584FFHEDLTVKI	2228	2226



>BRAFL584FLHEDLTVKI	8095	>BRAFL584FFHEDLTVKI	35	8060
>BRAFL584FLHEDLTVKI	414	>BRAFL584FFHEDLTVKI	1834	1420
>BRAFL584HRDLKSNIF	129	>BRAFL584HRDLKSNIF	2968	2839
>BRAFL584HRDLKSNIF	210	>BRAFL584HRDLKSNIF	627	417
>BRAFL584IFLHEDLTVKI	68	>BRAFL584IFFHEDLTVKI	70	2
>BRAFL584IFLHEDLTVKI	91	>BRAFL584IFFHEDLTVKI	136	45
>BRAFL584IFLHEDLTVKI	1969	>BRAFL584IFFHEDLTVKI	402	1567
>BRAFL584IFLHEDLTVK	993	>BRAFL584IFFHEDLTVK	386	607
>BRAFL584NIFLHEDLTV	106	>BRAFL584NIFFHEDLTV	127	21
>BRAFL584NIFLHEDL	629	>BRAFL584NIFFHEDL	313	316
>BRAFL584NIFLHEDLTV	125	>BRAFL584NIFFHEDLTV	143	18
>BRAFL584NIFLHEDLTV	99	>BRAFL584NIFFHEDLTV	142	43
>BRAFL584NIFLHEDLTV	155	>BRAFL584NIFFHEDLTV	222	67
>BRAFL584NIFLHEDLTV	353	>BRAFL584NIFFHEDLTV	145	208
>BRAFL584NIFLHEDLTV	756	>BRAFL584NIFFHEDLTV	475	281
>BRAFL584NIFLHEDLTV	473	>BRAFL584NIFFHEDLTV	408	65
>BRAFL584NIFLHEDLTV	225	>BRAFL584NIFFHEDLTV	206	19
>BRAFL584NIFLHEDLTVI	333	>BRAFL584NIFFHEDLTVI	199	134
>BRAFL584NIFLHEDLTVI	61	>BRAFL584NIFFHEDLTVI	22	39
>BRAFL584NIFLHEDL	1424	>BRAFL584NIFFHEDL	356	1068
>BRAFL584KSNIFLH	330	>BRAFL584KSNIFFH	246	84
>BRAFL584KSNIFLH	129	>BRAFL584KSNIFFH	61	68
>BRAFL584KSNIFLH	1025	>BRAFL584KSNIFFH	455	570
>BRAFL584KSNIFLH	68	>BRAFL584KSNIFFH	27	41
>BRAFL584KSNIFLHE	962	>BRAFL584KSNIFFHE	63	899
>BRAFL584KSNIFLHEDI	30	>BRAFL584KSNIFFHEDI	23	7
>BRAFL584KSNIFLHEDI	370	>BRAFL584KSNIFFHEDI	371	1
>BRAFL584KSNIFLH	342	>BRAFL584KSNIFFH	347	5
>BRAFL584KSNIFLHEDI	298	>BRAFL584KSNIFFHEDI	280	18
>BRAFL584LKSNNIFL	52	>BRAFL584LKSNNIFF	5	47
>BRAFL584RDLKSNIFL	2447	>BRAFL584RDLKSNIFF	85	2362
>BRAFL588FLTVKIGDFGL	354	>BRAFL588FTVKIGDFGL	13152	12798
>BRAFL588FLTVKIGDF	154	>BRAFL588FTVKIGDF	139	15
>BRAFL588FLTVKIGDFGL	229	>BRAFL588FTVKIGDFGL	4166	3937
>BRAFL588FLTVKIGDF	13	>BRAFL588FTVKIGDF	2596	2583
>BRAFL588FLTVKIGDFGL	24	>BRAFL588FTVKIGDFGL	2146	2122
>BRAFL588FLTVKIGDFGL	424	>BRAFL588FTVKIGDFGL	5036	4612
>BRAFL588FLTVKIGDF	118	>BRAFL588FTVKIGDF	1295	1177
>BRAFL588FLTVKIGDFGL	380	>BRAFL588FTVKIGDFGL	10458	10078
>BRAFL588FLDTVKIGDFG	205	>BRAFL588FDPTVKIGDFG	36255	36050
>BRAFL588FKSNIFLHEDI	30	>BRAFL588FKSNIFLHEDI	2510	2480
>BRAFL588FKSNIFLHEDI	370	>BRAFL588FKSNIFLHEDI	23546	23176
>BRAFL588FKSNIFLHEDI	298	>BRAFL588FKSNIFLHEDI	15308	15010

>BRAF-L588F HEDLTVKI	12	>BRAF-L588F HEDPTVKI	309	297
>BRAF-L588F HEDLTVKI	114	>BRAF-L588F HEDPTVKI	125	11
>BRAF-L588F HEDLTVKI	157	>BRAF-L588F HEDPTVKI	286	129
>BRAF-L588F FLHEDLTV	9	>BRAF-L588F FLHEDPTV	8	1
>BRAF-L588F FLHEDLTVKI	66	>BRAF-L588F FLHEDPTVKI	84	18
>BRAF-L588F FLHEDLTV	6	>BRAF-L588F FLHEDPTV	6	0
>BRAF-L588F FLHEDLTVKI	14	>BRAF-L588F FLHEDPTVKI	13	1
>BRAF-L588F FLHEDLTV	3	>BRAF-L588F FLHEDPTV	3	0
>BRAF-L588F FLHEDLTVK	332	>BRAF-L588F FLHEDPTVK	1176	844
>BRAF-L588F FLHEDLTVKI	24	>BRAF-L588F FLHEDPTVKI	27	3
>BRAF-L588F FLHEDLTVKIC	334	>BRAF-L588F FLHEDPTVKIC	502	168
>BRAF-L588F FLHEDLTV	7	>BRAF-L588F FLHEDPTV	10	3
>BRAF-L588F FLHEDLTVKI	101	>BRAF-L588F FLHEDPTVKI	228	127
>BRAF-L588F FLHEDLTV	1	>BRAF-L588F FLHEDPTV	1	0
>BRAF-L588F FLHEDLTVK	368	>BRAF-L588F FLHEDPTVK	382	14
>BRAF-L588F FLHEDLTVKI	2	>BRAF-L588F FLHEDPTVKI	2	0
>BRAF-L588F FLHEDLTV	3	>BRAF-L588F FLHEDPTV	3	0
>BRAF-L588F FLHEDLTVKI	4	>BRAF-L588F FLHEDPTVKI	5	1
>BRAF-L588F FLHEDLTV	4	>BRAF-L588F FLHEDPTV	4	0
>BRAF-L588F FLHEDLTVKI	7	>BRAF-L588F FLHEDPTVKI	8	1
>BRAF-L588F FLHEDLTV	6	>BRAF-L588F FLHEDPTV	4	2
>BRAF-L588F FLHEDLTVKI	13	>BRAF-L588F FLHEDPTVKI	17	4
>BRAF-L588F FLHEDLTV	1	>BRAF-L588F FLHEDPTV	1	0
>BRAF-L588F FLHEDLTVK	39	>BRAF-L588F FLHEDPTVK	137	98
>BRAF-L588F FLHEDLTVKI	2	>BRAF-L588F FLHEDPTVKI	3	1
>BRAF-L588F FLHEDLTV	561	>BRAF-L588F FLHEDPTV	394	167
>BRAF-L588F FLHEDLTVKI	414	>BRAF-L588F FLHEDPTVKI	1340	926
>BRAF-L588F IFLHEDLTV	2082	>BRAF-L588F IFLHEDPTV	455	1627
>BRAF-L588F IFLHEDLTVKI	68	>BRAF-L588F IFLHEDPTVKI	109	41
>BRAF-L588F IFLHEDLTVKI	91	>BRAF-L588F IFLHEDPTVKI	148	57
>BRAF-L588F NIFLHEDLTV	106	>BRAF-L588F NIFLHEDPTV	154	48
>BRAF-L588F NIFLHEDLTV	125	>BRAF-L588F NIFLHEDPTV	279	154
>BRAF-L588F NIFLHEDLTV	99	>BRAF-L588F NIFLHEDPTV	270	171
>BRAF-L588F NIFLHEDLTV	155	>BRAF-L588F NIFLHEDPTV	186	31
>BRAF-L588F NIFLHEDLTV	353	>BRAF-L588F NIFLHEDPTV	181	172
>BRAF-L588F NIFLHEDLTV	756	>BRAF-L588F NIFLHEDPTV	420	336
>BRAF-L588F NIFLHEDLTV	473	>BRAF-L588F NIFLHEDPTV	168	305
>BRAF-L588F NIFLHEDLTV	225	>BRAF-L588F NIFLHEDPTV	131	94
>BRAF-L588F NIFLHEDLTVI	333	>BRAF-L588F NIFLHEDPTVI	330	3
>BRAF-L588F NIFLHEDLTVI	61	>BRAF-L588F NIFLHEDPTVI	85	24
>BRAF-L588F NIFLHEDLTV	1441	>BRAF-L588F NIFLHEDPTV	434	1007
>BRAF-L588F LTVKIGDFGL	354	>BRAF-L588F RTVKIGDFGL	654	300
>BRAF-L588F LTVKIGDF	154	>BRAF-L588F RTVKIGDF	150	4

>BRAFL588FLTVKIGDF	5637	>BRAFL588FRTVKIGDF	168	5469
>BRAFL588FLTVKIGDFGL	8042	>BRAFL588FRTVKIGDFGL	320	7722
>BRAFL588FLTVKIGDFGL/	229	>BRAFL588FRTVKIGDFGL	1181	952
>BRAFL588FLTVKIGDF	636	>BRAFL588FRTVKIGDF	375	261
>BRAFL588FLTVKIGDF	13	>BRAFL588FRTVKIGDF	5	8
>BRAFL588FLTVKIGDFGL	24	>BRAFL588FRTVKIGDFGL	6	18
>BRAFL588FLTVKIGDF	1948	>BRAFL588FRTVKIGDF	432	1516
>BRAFL588FLTVKIGDF	2073	>BRAFL588FRTVKIGDF	473	1600
>BRAFL588FLTVKIGDFGL	1718	>BRAFL588FRTVKIGDFGL	390	1328
>BRAFL588FLTVKIGDFGL	424	>BRAFL588FRTVKIGDFGL	650	226
>BRAFL588FLTVKIGDF	118	>BRAFL588FRTVKIGDF	21	97
>BRAFL588FLTVKIGDFGL/	380	>BRAFL588FRTVKIGDFGL	264	116
>BRAFL588FLTVKIGDFG	205	>BRAFL588FRTVKIGDFG	34318	34113
>BRAFL588FKSNNIFLHEDI	17074	>BRAFL588FKSNNIFLHEDI	354	16720
>BRAFL588FKSNNIFLHEDI	3632	>BRAFL588FKSNNIFLHEDI	11	3621
>BRAFL588FKSNNIFLHEDI	30	>BRAFL588FKSNNIFLHEDI	1927	1897
>BRAFL588FKSNNIFLHEDI	35542	>BRAFL588FKSNNIFLHEDI	473	35069
>BRAFL588FKSNNIFLHEDI	370	>BRAFL588FKSNNIFLHEDI	18018	17648
>BRAFL588FKSNNIFLHEDI	298	>BRAFL588FKSNNIFLHEDI	16356	16058
>BRAFL588FKSNNIFLHEDI	28492	>BRAFL588FKSNNIFLHEDI	288	28204
>BRAFL588FHEDLTVKI	12	>BRAFL588FHEDRTVKI	92	80
>BRAFL588FHEDLTVKI	114	>BRAFL588FHEDRTVKI	155	41
>BRAFL588FHEDLTVKI	157	>BRAFL588FHEDRTVKI	788	631
>BRAFL588FLHEDLTV	9	>BRAFL588FLHEDRTV	29	20
>BRAFL588FLHEDLTVKI	66	>BRAFL588FLHEDRTVKI	186	120
>BRAFL588FLHEDLTV	6	>BRAFL588FLHEDRTV	15	9
>BRAFL588FLHEDLTVKI	14	>BRAFL588FLHEDRTVKI	28	14
>BRAFL588FLHEDLTV	3	>BRAFL588FLHEDRTV	4	1
>BRAFL588FLHEDLTVK	332	>BRAFL588FLHEDRTVK	5892	5560
>BRAFL588FLHEDLTVKI	24	>BRAFL588FLHEDRTVKI	41	17
>BRAFL588FLHEDLTVKIC	334	>BRAFL588FLHEDRTVKIC	1553	1219
>BRAFL588FLHEDLTV	7	>BRAFL588FLHEDRTV	33	26
>BRAFL588FLHEDLTVKI	101	>BRAFL588FLHEDRTVKI	302	201
>BRAFL588FLHEDLTV	1	>BRAFL588FLHEDRTV	2	1
>BRAFL588FLHEDLTVK	368	>BRAFL588FLHEDRTVK	4383	4015
>BRAFL588FLHEDLTVKI	2	>BRAFL588FLHEDRTVKI	5	3
>BRAFL588FLHEDLTV	3	>BRAFL588FLHEDRTV	5	2
>BRAFL588FLHEDLTVKI	4	>BRAFL588FLHEDRTVKI	14	10
>BRAFL588FLHEDLTV	4	>BRAFL588FLHEDRTV	7	3
>BRAFL588FLHEDLTVKI	7	>BRAFL588FLHEDRTVKI	19	12
>BRAFL588FLHEDLTV	6	>BRAFL588FLHEDRTV	34	28
>BRAFL588FLHEDLTVKI	13	>BRAFL588FLHEDRTVKI	126	113
>BRAFL588FLHEDLTV	1	>BRAFL588FLHEDRTV	2	1

>BRAFL588FVLHEDLTVK	39	>BRAFL588FVLHEDRTVK	104	65
>BRAFL588FVLHEDLTVKI	2	>BRAFL588FVLHEDRTVKI	2	0
>BRAFL588FVLHEDLTVK	957	>BRAFL588FVLHEDRTVK	394	563
>BRAFL588FVLHEDLTVKI	414	>BRAFL588FVLHEDRTVKI	471	57
>BRAFL588FVFLHEDLTVKI	68	>BRAFL588FVFLHEDRTVKI	130	62
>BRAFL588FVFLHEDLTVKI	91	>BRAFL588FVFLHEDRTVKI	203	112
>BRAFL588FNIFLHEDLTV	106	>BRAFL588FNIFLHEDRTV	1151	1045
>BRAFL588FNIFLHEDLTV	125	>BRAFL588FNIFLHEDRTV	497	372
>BRAFL588FNIFLHEDLTV	99	>BRAFL588FNIFLHEDRTV	243	144
>BRAFL588FNIFLHEDLTV	155	>BRAFL588FNIFLHEDRTV	962	807
>BRAFL588FNIFLHEDLTV	353	>BRAFL588FNIFLHEDRTV	612	259
>BRAFL588FNIFLHEDLTV	473	>BRAFL588FNIFLHEDRTV	2549	2076
>BRAFL588FNIFLHEDLTV	225	>BRAFL588FNIFLHEDRTV	905	680
>BRAFL588FNIFLHEDLTVI	333	>BRAFL588FNIFLHEDRTVI	438	105
>BRAFL588FNIFLHEDL	20865	>BRAFL588FNIFLHEDR	197	20668
>BRAFL588FNIFLHEDL	17075	>BRAFL588FNIFLHEDR	21	17054
>BRAFL588FNIFLHEDLTVI	61	>BRAFL588FNIFLHEDRTVI	53	8
>BRAFL588FNIFLHEDL	33330	>BRAFL588FNIFLHEDR	179	33151
>BRAFL588FNNIFLHEDL	25832	>BRAFL588FNNIFLHEDR	95	25737
>BRAFL597CLATVKSRW	36	>BRAFL597CQATVKSRW	91	55
>BRAFL597CLATVKSRW	86	>BRAFL597CQATVKSRW	784	698
>BRAFL597CLATVKSRW	73	>BRAFL597CQATVKSRW	295	222
>BRAFL597CLATVKSRW	22	>BRAFL597CQATVKSRW	87	65
>BRAFL597CLATVKSRW	172	>BRAFL597CQATVKSRW	976	804
>BRAFL597CLATVKSRW	130	>BRAFL597CQATVKSRW	3254	3124
>BRAFL597CGLATVKSRW	242	>BRAFL597CGQATVKSRW	1556	1314
>BRAFL597CDLTVKIGDFG	205	>BRAFL597CDLTVKIGDFG	7776	7571
>BRAFL597CFGLATVKSRM	98	>BRAFL597CFGQATVKSRM	386	288
>BRAFL597CFGLATVKSRM	499	>BRAFL597CFGQATVKSRM	1440	941
>BRAFL597CFGLATVKSRM	45	>BRAFL597CFGQATVKSRM	108	63
>BRAFL597CFGLATVKSRM	215	>BRAFL597CFGQATVKSRM	774	559
>BRAFL597CDFGLATVKSR	205	>BRAFL597CDFGQATVKSR	672	467
>BRAFL597CDFGLATVKSR	246	>BRAFL597CDFGQATVKSR	135	111
>BRAFL597CGDFGLATV	393	>BRAFL597CGDFGQATV	1047	654
>BRAFL597CGDFGLATV	227	>BRAFL597CGDFGQATV	131	96
>BRAFL597CIGDFGLATV	253	>BRAFL597CIGDFGQATV	3138	2885
>BRAFL597CKIGDFGLATV	53	>BRAFL597CKIGDFGQATV	473	420
>BRAFL597CKIGDFGLATV	34	>BRAFL597CKIGDFGQATV	114	80
>BRAFL597CKIGDFGLATV	12	>BRAFL597CKIGDFGQATV	67	55
>BRAFL597CKIGDFGLATV	59	>BRAFL597CKIGDFGQATV	648	589
>BRAFL597CKIGDFGLA	900	>BRAFL597CKIGDFGQA	490	410
>BRAFL597CKIGDFGLATV	4	>BRAFL597CKIGDFGQATV	6	2
>BRAFL597CKIGDFGLATV	15	>BRAFL597CKIGDFGQATV	21	6

>BRAFL597CKIGDFGLATV	16	>BRAFL597CKIGDFGQATV	20	4
>BRAFL597CKIGDFGLATV	30	>BRAFL597CKIGDFGQATV	31	1
>BRAFL597CKIGDFGLATV	4	>BRAFL597CKIGDFGQATV	4	0
>BRAFL597CKIGDFGLATV	129	>BRAFL597CKIGDFGQATV	212	83
>BRAFL597CKIGDFGLATV	57	>BRAFL597CKIGDFGQATV	115	58
>BRAFL597CKIGDFGLATV	132	>BRAFL597CKIGDFGQATV	233	101
>BRAFL597CVKIGDFGLAT	144	>BRAFL597CVKIGDFGQAT	711	567
>BRAFL597CLTVKIGDFGL	354	>BRAFL597CLTVKIGDFGQ	18181	17827
>BRAFL597CLTVKIGDFGL	229	>BRAFL597CLTVKIGDFGQ	419	190
>BRAFL597CLTVKIGDFGL	24	>BRAFL597CLTVKIGDFGQ	4136	4112
>BRAFL597CLTVKIGDFGL	424	>BRAFL597CLTVKIGDFGQ	13261	12837
>BRAFL597CLTVKIGDFGL	380	>BRAFL597CLTVKIGDFGQ	694	314
>BRAFL597FLATVKSRW	36	>BRAFL597FRATVKSRW	15	21
>BRAFL597FLATVKSRW	86	>BRAFL597FRATVKSRW	2345	2259
>BRAFL597FLATVKSRW	73	>BRAFL597FRATVKSRW	46	27
>BRAFL597FLATVKSRW	22	>BRAFL597FRATVKSRW	12	10
>BRAFL597FLATVKSRW	172	>BRAFL597FRATVKSRW	2114	1942
>BRAFL597FLATVKSRW	130	>BRAFL597FRATVKSRW	163	33
>BRAFL597FGLATVKSR	19569	>BRAFL597FGRATVKSR	253	19316
>BRAFL597FGLATVKSRW	242	>BRAFL597FGRATVKSRW	809	567
>BRAFL597FDLTVKIGDFG	205	>BRAFL597FDLTVKIGDFG	24944	24739
>BRAFL597FDLTVKIGDFG	11254	>BRAFL597FDLTVKIGDFG	32	11222
>BRAFL597FDLTVKIGDFG	27571	>BRAFL597FDLTVKIGDFG	108	27463
>BRAFL597FGLATVKSRM	98	>BRAFL597FGRATVKSRV	68	30
>BRAFL597FGLATVKSRM	499	>BRAFL597FGRATVKSRV	346	153
>BRAFL597FGLATVKSRM	45	>BRAFL597FGRATVKSRV	864	819
>BRAFL597FGLATVKSRM	215	>BRAFL597FGRATVKSRV	2161	1946
>BRAFL597FDFGLATVKSR	205	>BRAFL597DFGRATVKSF	287	82
>BRAFL597FDFGLATVKSR	246	>BRAFL597DFGRATVKSF	364	118
>BRAFL597FGDFGLATV	393	>BRAFL597FGDFGRATV	1820	1427
>BRAFL597FGDFGLATV	227	>BRAFL597FGDFGRATV	371	144
>BRAFL597FIGDFGLATV	253	>BRAFL597FIGDFGRATV	4547	4294
>BRAFL597FKIGDFGLATV	53	>BRAFL597FKIGDFGRATV	410	357
>BRAFL597FKIGDFGLATV	34	>BRAFL597FKIGDFGRATV	108	74
>BRAFL597FKIGDFGLATV	12	>BRAFL597FKIGDFGRATV	39	27
>BRAFL597FKIGDFGLATV	59	>BRAFL597FKIGDFGRATV	404	345
>BRAFL597FKIGDFGLATV	4	>BRAFL597FKIGDFGRATV	16	12
>BRAFL597FKIGDFGLATV	15	>BRAFL597FKIGDFGRATV	96	81
>BRAFL597FKIGDFGLATV	16	>BRAFL597FKIGDFGRATV	101	85
>BRAFL597FKIGDFGLATV	30	>BRAFL597FKIGDFGRATV	438	408
>BRAFL597FKIGDFGLATV	4	>BRAFL597FKIGDFGRATV	8	4
>BRAFL597FKIGDFGLATV	129	>BRAFL597FKIGDFGRATV	160	31
>BRAFL597FKIGDFGLATV	57	>BRAFL597FKIGDFGRATV	125	68

>BRAFL597FKIGDFGLATV	132	>BRAFL597FKIGDFGRATV	303	171
>BRAFL597FVKIGDFGLAT	144	>BRAFL597FVKIGDFGRAT	1033	889
>BRAFL597FTVKIGDFGL	11402	>BRAFL597FTVKIGDFGR	32	11370
>BRAFL597FTVKIGDFGL	18873	>BRAFL597FTVKIGDFGR	87	18786
>BRAFL597FTVKIGDFGL	16025	>BRAFL597FTVKIGDFGR	15	16010
>BRAFL597FLTVKIGDFGL	354	>BRAFL597FLTVKIGDFGR	14641	14287
>BRAFL597FLTVKIGDFGL	14341	>BRAFL597FLTVKIGDFGR	123	14218
>BRAFL597FLTVKIGDFGL	22003	>BRAFL597FLTVKIGDFGR	28	21975
>BRAFL597FLTVKIGDFGL	229	>BRAFL597FLTVKIGDFGR	329	100
>BRAFL597FLTVKIGDFGL	24	>BRAFL597FLTVKIGDFGR	7349	7325
>BRAFL597FLTVKIGDFGL	424	>BRAFL597FLTVKIGDFGR	18827	18403
>BRAFL597FLTVKIGDFGL	380	>BRAFL597FLTVKIGDFGR	650	270
>BRAFL597SLATVKSRW	36	>BRAFL597SSATVKSRW	77	41
>BRAFL597SLATVKSRW	86	>BRAFL597SSATVKSRW	972	886
>BRAFL597SLATVKSRW	73	>BRAFL597SSATVKSRW	157	84
>BRAFL597SLATVKSRW	22	>BRAFL597SSATVKSRW	94	72
>BRAFL597SLATVKSRW	172	>BRAFL597SSATVKSRW	1100	928
>BRAFL597SLATVKSRW	130	>BRAFL597SSATVKSRW	4561	4431
>BRAFL597SLATVKSR	697	>BRAFL597SGSATVKSR	445	252
>BRAFL597SLATVKSR	658	>BRAFL597SGSATVKSR	159	499
>BRAFL597SLATVKSRW	4492	>BRAFL597SGSATVKSRW	41	4451
>BRAFL597SLATVKSRW	3071	>BRAFL597SGSATVKSRW	102	2969
>BRAFL597SLATVKSRW	1001	>BRAFL597SGSATVKSRW	18	983
>BRAFL597SLATVKSRW	242	>BRAFL597SGSATVKSRW	10	232
>BRAFL597SLTVKIGDFG	205	>BRAFL597SLTVKIGDFG	18337	18132
>BRAFL597SLFGLATVKSRW	98	>BRAFL597SLFGSATVKSRW	232	134
>BRAFL597SLFGLATVKSRW	499	>BRAFL597SLFGSATVKSRW	908	409
>BRAFL597SLFGLATVKSRW	45	>BRAFL597SLFGSATVKSRW	43	2
>BRAFL597SLFGLATVKSRW	215	>BRAFL597SLFGSATVKSRW	457	242
>BRAFL597SLDFGLATVKSR	205	>BRAFL597SLDFGSATVKSR	346	141
>BRAFL597SLDFGLATVKSR	246	>BRAFL597SLDFGSATVKSR	238	8
>BRAFL597SLGDFGLATV	393	>BRAFL597SLGDFGSATV	957	564
>BRAFL597SLGDFGLATV	227	>BRAFL597SLGDFGSATV	145	82
>BRAFL597SLIGDFGLATV	253	>BRAFL597SLIGDFGSATV	1132	879
>BRAFL597SLKIGDFGLATV	53	>BRAFL597SLKIGDFGSATV	208	155
>BRAFL597SLKIGDFGLATV	34	>BRAFL597SLKIGDFGSATV	66	32
>BRAFL597SLKIGDFGLA	701	>BRAFL597SLKIGDFGSA	377	324
>BRAFL597SLKIGDFGLATV	12	>BRAFL597SLKIGDFGSA	23	11
>BRAFL597SLKIGDFGLA	554	>BRAFL597SLKIGDFGSA	370	184
>BRAFL597SLKIGDFGLATV	59	>BRAFL597SLKIGDFGSA	185	126
>BRAFL597SLKIGDFGLATV	4	>BRAFL597SLKIGDFGSA	5	1
>BRAFL597SLKIGDFGLATV	15	>BRAFL597SLKIGDFGSA	15	0
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>BRAFL597SKIGDFGLATV	57	>BRAFL597SKIGDFGSATV	61	4
>BRAFL597SKIGDFGLATV	509	>BRAFL597SKIGDFGSATV	441	68
>BRAFL597SKIGDFGLATV	132	>BRAFL597SKIGDFGSATV	334	202
>BRAFL597SVKIGDFGLAT	144	>BRAFL597SVKIGDFGSAT	322	178
>BRAFL597SVKIGDFGLAT	835	>BRAFL597SVKIGDFGSAT	417	418
>BRAFL597SLTVKIGDFGL	354	>BRAFL597SLTVKIGDFGS	9923	9569
>BRAFL597SLTVKIGDFGL	229	>BRAFL597SLTVKIGDFGS	295	66
>BRAFL597SLTVKIGDFGL	24	>BRAFL597SLTVKIGDFGS	5350	5326
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>BRAFL597LATVKSRW	86	>BRAFL597LATVKSRW	379	293
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>BRAFL597LATVKSRW	130	>BRAFL597LATVKSRW	624	494
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>BRAFL597GLATVKSR	658	>BRAFL597GLATVKSR	97	561
>BRAFL597GLATVKSRW	1001	>BRAFL597GLATVKSRW	182	819
>BRAFL597GLATVKSRW	242	>BRAFL597GLATVKSRW	36	206
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>BRAFL597DLTVKIGDFG	205	>BRAFL597DLTVKIGDFG	17	188
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>BRAFL597DFGLATVKSR	205	>BRAFL597DFGLATVKSR	430	225
>BRAFL597DFGLATVKSR	246	>BRAFL597DFGLATVKSR	466	220
>BRAFL597GDFGLATV	393	>BRAFL597GDFGVATV	935	542
>BRAFL597GDFGLATV	227	>BRAFL597GDFGVATV	230	3
>BRAFL597IGDFGLATV	253	>BRAFL597IGDFGVATV	694	441
>BRAFL597IGDFGLATV	816	>BRAFL597IGDFGVATV	464	352
>BRAFL597KIGDFGLATV	53	>BRAFL597KIGDFGVATV	128	75
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>BRAFL597KIGDFGLATV	59	>BRAFL597KIGDFGVATV	156	97
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>BRAFL618SLWMAPEVIR	1656	>BRAFL618SLWMAPEVIR	467	1189
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>BRAFL618SILWMAPEVI	456	>BRAFL618SILWMAPEVI	17757	17301
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>BRAFL618SILWMAPEVI	5	>BRAFL618SILWMAPEVI	4000	3995
>BRAFL618SILWMAPEVIR	9	>BRAFL618SILWMAPEVIR	8005	7996
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>BRAFL618SILWMAPEVI	88	>BRAFL618SISWMAPEVI	22726	22638
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>BRAFL618SILWMAPEVI	19	>BRAFL618SISWMAPEVI	17460	17441
>BRAFL618SILWMAPEVIR	81	>BRAFL618SISWMAPEVIR	19838	19757
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>BRAFL618SILWMAPEVIR	34	>BRAFL618SISWMAPEVIR	20749	20715
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>BRAFL618SILWMAPEVIR	30	>BRAFL618SISWMAPEVIR	31489	31459
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>BRAFL618SILWMAPEVI	241	>BRAFL618SISWMAPEVI	171	70
>BRAFL618SILWMAPEVIR	266	>BRAFL618SISWMAPEVIR	192	74
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>BRAFL618SILWMAPEVI	11418	>BRAFL618SISWMAPEVI	46	11372
>BRAFL618SILWMAPEVIR	784	>BRAFL618SISWMAPEVIR	5	779
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>BRAFL618SILWMAPEVIR	86	>BRAFL618SISWMAPEVIR	227	141
>BRAFL618SILWMAPEVI	903	>BRAFL618SISWMAPEVI	16	887
>BRAFL618SILWMAPEVIR	13314	>BRAFL618SISWMAPEVIR	493	12821
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>BRAFL618SHQFEQLSGSI	89	>BRAFL618SHQFEQLSGSI	1157	1068
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>BRAFL618SHQFEQLSGSI	16	>BRAFL618SHQFEQLSGSI	7441	7425
>BRAFL618SHQFEQLSGSI	388	>BRAFL618SHQFEQLSGSI	17102	16714
>BRAFL618SHQFEQLSGSI	485	>BRAFL618SHQFEQLSGSI	7281	6796
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>BRAFL618SILWMAPEVI	368	>BRAFL618SISWMAPEVI	1931	1563
>BRAFL618SILWMAPEV	943	>BRAFL618SISWMAPEV	179	764
>BRAFL618SILWMAPEV	176	>BRAFL618SISWMAPEV	38	138
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>BRAFL618SILWMAPEVI	28	>BRAFL618SISWMAPEVI	286	258
>BRAFL618SILWMAPEV	155	>BRAFL618SISWMAPEV	871	716
>BRAFL618SILWMAPEV	5	>BRAFL618SISWMAPEV	8	3
>BRAFL618SILWMAPEVI	67	>BRAFL618SISWMAPEVI	448	381
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>BRAFL618SILWMAPEVI	314	>BRAFL618SISWMAPEVI	475	161
>BRAFL618SILWMAPEVI	157	>BRAFL618SISWMAPEVI	144	13
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>BRAFL618SILWMAPEVI	52	>BRAFL618SISWMAPEVI	176	124
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>BRAFL618SILWMAPEVI	175	>BRAFL618SISWMAPEVI	1630	1455
>BRAFL618SILWMAPEVI	2407	>BRAFL618SISWMAPEVI	367	2040
>BRAFL618SILWMAPEVI	84	>BRAFL618SISWMAPEVI	165	81
>BRAFL618SGSILWMAPE'	412	>BRAFL618SGSISWMAPE'	619	207
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>BRAFL618SGSILWMAPE'	770	>BRAFL618SGSISWMAPE'	287	483
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>BRAFL618SGSILWMAPE'	336	>BRAFL618SGSISWMAPE'	436	100
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>BRAFL618SGSILWMAPE'	257	>BRAFL618SGSISWMAPE'	77	180
>BRAFL618LSGSILWMA	395	>BRAFL618LSGSISWMA	711	316
>BRAFL618LSGSILWM	140	>BRAFL618LSGSISWM	105	35
>BRAFL618LSGSILWM	849	>BRAFL618LSGSISWM	464	385
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>BRAFL618QLSGSILWM	51	>BRAFL618QLSGSISWM	22	29
>BRAFL618QLSGSILWM,	31	>BRAFL618QLSGSISWM,	59	28
>BRAFL618QLSGSILWM	231	>BRAFL618QLSGSISWM	66	165
>BRAFL618QLSGSILWM,	89	>BRAFL618QLSGSISWM,	218	129
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>BRAFL618QLSGSILWM,	27	>BRAFL618QLSGSISWM,	36	9
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>BRAFL618QLSGSILWM,	5	>BRAFL618QLSGSISWM,	5	0
>BRAFL618QLSGSILWM	804	>BRAFL618QLSGSISWM	232	572
>BRAFL618QLSGSILW	583	>BRAFL618QLSGSISW	369	214

>BRAFL618S QLSGSILW	207	>BRAFL618S QLSGSISW	340	133
>BRAFL618S QLSGSILWM	2296	>BRAFL618S QLSGSISWM	105	2191
>BRAFL618S EQLSGSILWN	53	>BRAFL618S EQLSGSISWN	79	26
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>BRAFL618S EQLSGSILWN	355	>BRAFL618S EQLSGSISWN	256	99
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>BRAFL618S EQLSGSIL	51	>BRAFL618S EQLSGSIS	2786	2735
>BRAFL618S EQLSGSILW	1483	>BRAFL618S EQLSGSISW	183	1300
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>BRAFL618S EQLSGSIL	28	>BRAFL618S EQLSGSIS	12991	12963
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>BRAFL618S EQLSGSILW	245	>BRAFL618S EQLSGSISW	215	30
>BRAFL618S FEQLSGSIL	177	>BRAFL618S FEQLSGSIS	9701	9524
>BRAFL618S FEQLSGSILW	377	>BRAFL618S FEQLSGSISW	646	269
>BRAFL618S FEQLSGSILW	129	>BRAFL618S FEQLSGSISW	102	27
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>BRAFL618S FEQLSGSILW	72	>BRAFL618S FEQLSGSISW	88	16
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>BRAFL618V LWMAPEVI	499	>BRAFL618V WWMAPEVI	726	227
>BRAFL618V LWMAPEVI	71	>BRAFL618V WWMAPEVI	39	32
>BRAFL618V LWMAPEVIRI	841	>BRAFL618V WWMAPEVII	478	363
>BRAFL618V LWMAPEVIR	45	>BRAFL618V WWMAPEVII	22	23
>BRAFL618V LWMAPEVI	172	>BRAFL618V WWMAPEVI	541	369
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>BRAFL618V ILWMAPEVI	456	>BRAFL618V IWWMAPEVI	22496	22040
>BRAFL618V ILWMAPEV	54	>BRAFL618V IWWMAPEV	1110	1056
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>BRAFL618VHQFEQLSGSI	183	>BRAFL618VHQFEQLSGSI'	287	104
>BRAFL618VHQFEQLSGSI	157	>BRAFL618VHQFEQLSGSI'	180	23
>BRAFL618VHQFEQLSGSI	8	>BRAFL618VHQFEQLSGSI'	27	19
>BRAFL618VHQFEQLSGSI	4700	>BRAFL618VHQFEQLSGSI'	209	4491
>BRAFL618VHQFEQLSGSI	16	>BRAFL618VHQFEQLSGSI'	2026	2010
>BRAFL618VHQFEQLSGSI	388	>BRAFL618VHQFEQLSGSI'	12540	12152
>BRAFL618VHQFEQLSGSI	485	>BRAFL618VHQFEQLSGSI'	9355	8870
>BRAFL618VHQFEQLSGSI	111	>BRAFL618VHQFEQLSGSI'	5382	5271
>BRAFL618VHQFEQLSGSI	9050	>BRAFL618VHQFEQLSGSI'	29	9021
>BRAFL618VSILWMAPEV	20	>BRAFL618VSIWWMAPEV	10	10
>BRAFL618VSILWMAPEVI	368	>BRAFL618VSIWWMAPEV	920	552
>BRAFL618VSILWMAPEV	176	>BRAFL618VSIWWMAPEV	214	38
>BRAFL618VSILWMAPEVI	378	>BRAFL618VSIWWMAPEV	405	27
>BRAFL618VSILWMAPEV	10	>BRAFL618VSIWWMAPEV	18	8
>BRAFL618VSILWMAPEVI	367	>BRAFL618VSIWWMAPEV	937	570
>BRAFL618VSILWMAPEV	3	>BRAFL618VSIWWMAPEV	2	1

>BRAFL618VSILWMAPEVI	28	>BRAFL618VSIWWMAPEV	12	16
>BRAFL618VSILWMAPEV	155	>BRAFL618VSIWWMAPEV	165	10
>BRAFL618VSILWMAPEV	5	>BRAFL618VSIWWMAPEV	4	1
>BRAFL618VSILWMAPEVI	67	>BRAFL618VSIWWMAPEV	32	35
>BRAFL618VSILWMAPEV	15	>BRAFL618VSIWWMAPEV	11	4
>BRAFL618VSILWMAPEVI	1105	>BRAFL618VSIWWMAPEV	485	620
>BRAFL618VSILWMAPEV	3	>BRAFL618VSIWWMAPEV	2	1
>BRAFL618VSILWMAPEVI	314	>BRAFL618VSIWWMAPEV	108	206
>BRAFL618VSILWMAPEVI	157	>BRAFL618VSIWWMAPEV	181	24
>BRAFL618VSILWMAPEVI	167	>BRAFL618VSIWWMAPEV	41	126
>BRAFL618VSILWMAPEVI	52	>BRAFL618VSIWWMAPEV	28	24
>BRAFL618VSILWMAPEVI	90	>BRAFL618VSIWWMAPEV	77	13
>BRAFL618VSILWMAPEV	5	>BRAFL618VSIWWMAPEV	5	0
>BRAFL618VSILWMAPEVI	175	>BRAFL618VSIWWMAPEV	137	38
>BRAFL618VSILWMAPEVI	84	>BRAFL618VSIWWMAPEV	39	45
>BRAFL618VGSILWMAPEV	412	>BRAFL618VGSIWWMAPI	444	32
>BRAFL618VGSILWMAPEV	1669	>BRAFL618VGSIWWMAPI	128	1541
>BRAFL618VGSILWMAPEV	2812	>BRAFL618VGSIWWMAPI	414	2398
>BRAFL618VGSILWMAPEV	3900	>BRAFL618VGSIWWMAPI	400	3500
>BRAFL618VGSILWMAPEV	770	>BRAFL618VGSIWWMAPI	109	661
>BRAFL618VGSILWMAPEV	295	>BRAFL618VGSIWWMAPI	187	108
>BRAFL618VGSILWMAPEV	336	>BRAFL618VGSIWWMAPI	229	107
>BRAFL618VGSILWMAPEV	755	>BRAFL618VGSIWWMAPI	480	275
>BRAFL618VGSILWMAPEV	257	>BRAFL618VGSIWWMAPI	75	182
>BRAFL618VSGSILWMAPI	765	>BRAFL618VSGSIWWMAPI	282	483
>BRAFL618VLSGSILWMA	395	>BRAFL618VLSGSIWWMAPI	2666	2271
>BRAFL618VLSGSILWM	140	>BRAFL618VLSGSIWWM	259	119
>BRAFL618VLSGSILWM	614	>BRAFL618VLSGSIWWM	420	194
>BRAFL618VQLSGSILWM	512	>BRAFL618VQLSGSIWWN	47	465
>BRAFL618VQLSGSILWM,	71	>BRAFL618VQLSGSIWWN	306	235
>BRAFL618VQLSGSILWM	51	>BRAFL618VQLSGSIWWN	6	45
>BRAFL618VQLSGSILWM,	31	>BRAFL618VQLSGSIWWN	78	47
>BRAFL618VQLSGSILWM	231	>BRAFL618VQLSGSIWWN	171	60
>BRAFL618VQLSGSILWM,	89	>BRAFL618VQLSGSIWWN	300	211
>BRAFL618VQLSGSILWM	1383	>BRAFL618VQLSGSIWWN	80	1303
>BRAFL618VQLSGSILWM,	156	>BRAFL618VQLSGSIWWN	815	659
>BRAFL618VQLSGSILWM	335	>BRAFL618VQLSGSIWWN	22	313
>BRAFL618VQLSGSILWM,	27	>BRAFL618VQLSGSIWWN	14	13
>BRAFL618VQLSGSILWM	8097	>BRAFL618VQLSGSIWWN	376	7721
>BRAFL618VQLSGSILWM,	413	>BRAFL618VQLSGSIWWN	446	33
>BRAFL618VQLSGSILWM	1968	>BRAFL618VQLSGSIWWN	140	1828
>BRAFL618VQLSGSILWM,	82	>BRAFL618VQLSGSIWWN	36	46
>BRAFL618VQLSGSILWM	840	>BRAFL618VQLSGSIWWN	29	811

>BRAFL618VQLSGSILWM	102	>BRAFL618VQLSGSIWWN	61	41
>BRAFL618VQLSGSILWM	17	>BRAFL618VQLSGSIWWN	4	13
>BRAFL618VQLSGSILWM	5	>BRAFL618VQLSGSIWWN	5	0
>BRAFL618VQLSGSILWM	804	>BRAFL618VQLSGSIWWN	386	418
>BRAFL618VQLSGSILW	583	>BRAFL618VQLSGSIWW	427	156
>BRAFL618VQLSGSILW	207	>BRAFL618VQLSGSIWW	806	599
>BRAFL618VEQLSGSILWN	1002	>BRAFL618VEQLSGSIWW	472	530
>BRAFL618VEQLSGSILWN	53	>BRAFL618VEQLSGSIWW	54	1
>BRAFL618VEQLSGSILWN	307	>BRAFL618VEQLSGSIWW	121	186
>BRAFL618VEQLSGSILWN	355	>BRAFL618VEQLSGSIWW	291	64
>BRAFL618VEQLSGSILWN	399	>BRAFL618VEQLSGSIWW	616	217
>BRAFL618VEQLSGSIL	51	>BRAFL618VEQLSGSIW	251	200
>BRAFL618VEQLSGSILWN	277	>BRAFL618VEQLSGSIWW	469	192
>BRAFL618VEQLSGSIL	28	>BRAFL618VEQLSGSIW	6303	6275
>BRAFL618VEQLSGSILWN	562	>BRAFL618VEQLSGSIWW	348	214
>BRAFL618VEQLSGSILW	460	>BRAFL618VEQLSGSIWW	326	134
>BRAFL618VEQLSGSILWN	872	>BRAFL618VEQLSGSIWW	381	491
>BRAFL618VEQLSGSILW	245	>BRAFL618VEQLSGSIWW	708	463
>BRAFL618VEQLSGSIL	177	>BRAFL618VEQLSGSIW	781	604
>BRAFL618VEQLSGSILW	377	>BRAFL618VEQLSGSIWW	601	224
>BRAFL618VEQLSGSILW	129	>BRAFL618VEQLSGSIWW	225	96
>BRAFL618VEQLSGSILW	567	>BRAFL618VEQLSGSIWW	180	387
>BRAFL618VEQLSGSIL	436	>BRAFL618VEQLSGSIW	17299	16863
>BRAFL618VEQLSGSIL	34	>BRAFL618VEQLSGSIW	8623	8589
>BRAFL618VEQLSGSILW	243	>BRAFL618VEQLSGSIWW	220	23
>BRAFL618VEQLSGSIL	71	>BRAFL618VEQLSGSIW	2103	2032
>BRAFL618VEQLSGSILW	385	>BRAFL618VEQLSGSIWW	348	37
>BRAFL618VEQLSGSIL	4062	>BRAFL618VEQLSGSIW	124	3938
>BRAFL618VEQLSGSILW	72	>BRAFL618VEQLSGSIWW	101	29
>BRAFL618VEQLSGSIL	4017	>BRAFL618VEQLSGSIW	151	3866
>BRAFL618VEQLSGSILW	288	>BRAFL618VEQLSGSIWW	322	34
>BRAFL618VEQLSGSIL	81	>BRAFL618VEQLSGSIW	731	650
>BRAFL618VEQLSGSILW	217	>BRAFL618VEQLSGSIWW	177	40
>BRAFL618VEQLSGSILW	508	>BRAFL618VEQLSGSIWW	300	208
>BRAFL618VEQLSGSILW	311	>BRAFL618VEQLSGSIWW	769	458
>BRAFN581IIFLHEDL	5602	>BRAFN581IIFLHEDL	46	5556
>BRAFN581IIFLHEDLTV	106	>BRAFN581IIFLHEDLTV	50	56
>BRAFN581IIFLHEDL	629	>BRAFN581IIFLHEDL	330	299
>BRAFN581IIFLHEDLTV	125	>BRAFN581IIFLHEDLTV	70	55
>BRAFN581IIFLHEDLTV	99	>BRAFN581IIFLHEDLTV	69	30
>BRAFN581IIFLHEDLTV	155	>BRAFN581IIFLHEDLTV	93	62
>BRAFN581IIFLHEDLTV	353	>BRAFN581IIFLHEDLTV	42	311
>BRAFN581IIFLHEDLTV	756	>BRAFN581IIFLHEDLTV	451	305

>BRAFN581NIFLHEDLTV	473	>BRAFN581IIFLHEDLTV	99	374
>BRAFN581NIFLHEDLTV	225	>BRAFN581IIFLHEDLTV	37	188
>BRAFN581NIFLHEDLTVI	1040	>BRAFN581IIFLHEDLTVK	104	936
>BRAFN581NIFLHEDLTVI	333	>BRAFN581IIFLHEDLTVK	67	266
>BRAFN581NIFLHEDLTVI	61	>BRAFN581IIFLHEDLTVK	121	60
>BRAFN581NNIFLHEDLTV	12233	>BRAFN581NIIFLHEDLTV	290	11943
>BRAFN581NNIFLHEDLTV	12297	>BRAFN581NIIFLHEDLTV	230	12067
>BRAFN581NNIFLHEDLTV	3736	>BRAFN581NIIFLHEDLTV	206	3530
>BRAFN581NNIFLHEDLTV	764	>BRAFN581NIIFLHEDLTV	61	703
>BRAFN581NNIFLHEDLTV	8430	>BRAFN581NIIFLHEDLTV	317	8113
>BRAFN581SIIHRDLKSNNI	20168	>BRAFN581SIIHRDLKSNNI	373	19795
>BRAFN581KSNNIIFLH	330	>BRAFN581KSNNIIFLH	586	256
>BRAFN581KSNNIIFLH	129	>BRAFN581KSNNIIFLH	245	116
>BRAFN581KSNNIIFLH	68	>BRAFN581KSNNIIFLH	63	5
>BRAFN581KSNNIIFLHEDI	30	>BRAFN581KSNNIIFLHEDL	141	111
>BRAFN581KSNNIIFLHEDI	370	>BRAFN581KSNNIIFLHEDL	100	270
>BRAFN581KSNNIIFLH	342	>BRAFN581KSNNIIFLH	298	44
>BRAFN581KSNNIIFLHEDI	298	>BRAFN581KSNNIIFLHEDL	271	27
>BRAFN581LKSNNIIFL	2317	>BRAFN581LKSNNIIFL	440	1877
>BRAFN581LKSNNIIFL	52	>BRAFN581LKSNNIIFL	81	29
>BRAFN581DLKSNNIIFL	567	>BRAFN581DLKSNNIIFL	100	467
>BRAFN581DLKSNNIIF	328	>BRAFN581DLKSNNIIF	720	392
>BRAFN581DLKSNNIIF	419	>BRAFN581DLKSNNIIF	418	1
>BRAFN581RDLKSNNIIF	31	>BRAFN581RDLKSNNIIF	29	2
>BRAFN581RDLKSNNIIF	215	>BRAFN581RDLKSNNIIF	807	592
>BRAFN581RDLKSNNII	41	>BRAFN581RDLKSNNII	20	21
>BRAFN581RDLKSNNIIFL	716	>BRAFN581RDLKSNNIIFL	236	480
>BRAFN581RDLKSNNII	89	>BRAFN581RDLKSNNII	58	31
>BRAFN581RDLKSNNIIFL	519	>BRAFN581RDLKSNNIIFL	411	108
>BRAFN581HRDLKSNNIIF	86	>BRAFN581HRDLKSNNIIF	54	32
>BRAFN581HRDLKSNNIIF	129	>BRAFN581HRDLKSNNIIFL	108	21
>BRAFN581HRDLKSNNIIF	210	>BRAFN581HRDLKSNNIIFL	120	90
>BRAFN581IHRDLKSNNIIF	16	>BRAFN581IHRDLKSNNIIF	15	1
>BRAFN581IHRDLKSNNIIF	133	>BRAFN581IHRDLKSNNIIF	272	139
>BRAFN581IIHRDLKSNNII	409	>BRAFN581IIHRDLKSNNII	719	310
>BRAFN581NIFLHEDL	5602	>BRAFN581SIFLHEDL	197	5405
>BRAFN581NIFLHEDLTV	106	>BRAFN581SIFLHEDLTV	48	58
>BRAFN581NIFLHEDL	629	>BRAFN581SIFLHEDL	267	362
>BRAFN581NIFLHEDLTV	125	>BRAFN581SIFLHEDLTV	55	70
>BRAFN581NIFLHEDLTV	99	>BRAFN581SIFLHEDLTV	50	49
>BRAFN581NIFLHEDLTV	155	>BRAFN581SIFLHEDLTV	73	82
>BRAFN581NIFLHEDLTV	353	>BRAFN581SIFLHEDLTV	38	315
>BRAFN581NIFLHEDLTV	756	>BRAFN581SIFLHEDLTV	272	484

>BRAFN581!NIFLHEDLTV	473	>BRAFN581!SIFLHEDLTV	24	449
>BRAFN581!NIFLHEDLTV	225	>BRAFN581!SIFLHEDLTV	28	197
>BRAFN581!NIFLHEDLTVK	1040	>BRAFN581!SIFLHEDLTVK	169	871
>BRAFN581!NIFLHEDLTVK	333	>BRAFN581!SIFLHEDLTVK	23	310
>BRAFN581!NIFLHEDL	4498	>BRAFN581!SIFLHEDL	445	4053
>BRAFN581!NIFLHEDLTVK	61	>BRAFN581!SIFLHEDLTVK	116	55
>BRAFN581!NNIFLHEDL	3736	>BRAFN581!NSIFLHEDL	296	3440
>BRAFN581!NNIFLHEDLV	764	>BRAFN581!NSIFLHEDLV	69	695
>BRAFN581!KSNNIFLH	330	>BRAFN581!KSNSIFLH	269	61
>BRAFN581!KSNNIFLH	129	>BRAFN581!KSNSIFLH	117	12
>BRAFN581!KSNNIFLH	68	>BRAFN581!KSNSIFLH	57	11
>BRAFN581!KSNNIFLHEDL	30	>BRAFN581!KSNSIFLHEDL	55	25
>BRAFN581!KSNNIFLHEDLV	370	>BRAFN581!KSNSIFLHEDLV	320	50
>BRAFN581!KSNNIFLH	342	>BRAFN581!KSNSIFLH	152	190
>BRAFN581!KSNNIFLHEDL	298	>BRAFN581!KSNSIFLHEDL	155	143
>BRAFN581!KSNNIFLHEDLV	617	>BRAFN581!KSNSIFLHEDLV	432	185
>BRAFN581!LKSNNIFL	52	>BRAFN581!LKSNSIFL	22	30
>BRAFN581!LKSNNIFLH	1161	>BRAFN581!LKSNSIFLH	358	803
>BRAFN581!DLKSNNIFL	567	>BRAFN581!DLKSNSIFL	375	192
>BRAFN581!DLKSNNIF	328	>BRAFN581!DLKSNSIF	158	170
>BRAFN581!DLKSNNIF	419	>BRAFN581!DLKSNSIF	243	176
>BRAFN581!RDLKSNNIF	31	>BRAFN581!RDLKSNSIF	14	17
>BRAFN581!RDLKSNNI	1077	>BRAFN581!RDLKSNSI	414	663
>BRAFN581!RDLKSNNIF	215	>BRAFN581!RDLKSNSIF	15	200
>BRAFN581!RDLKSNNI	41	>BRAFN581!RDLKSNSI	26	15
>BRAFN581!RDLKSNNI	89	>BRAFN581!RDLKSNSI	92	3
>BRAFN581!RDLKSNNIFL	519	>BRAFN581!RDLKSNSIFL	405	114
>BRAFN581!HRDLKSNNIF	86	>BRAFN581!HRDLKSNSIF	63	23
>BRAFN581!HRDLKSNNIF	129	>BRAFN581!HRDLKSNSIFL	76	53
>BRAFN581!HRDLKSNNIF	210	>BRAFN581!HRDLKSNSIFL	236	26
>BRAFN581!IHRDLKSNNIF	16	>BRAFN581!IHRDLKSNSIF	11	5
>BRAFN581!IHRDLKSNNIF	133	>BRAFN581!IHRDLKSNSIF	29	104
>BRAFN581!IIHRDLKSNNI	409	>BRAFN581!IIHRDLKSNSI	243	166
>BRAFN581!IIHRDLKSNNI	712	>BRAFN581!IIHRDLKSNSI	485	227
>BRAFN581'NIFLHEDLTV	106	>BRAFN581'YIFLHEDLTV	13	93
>BRAFN581'NIFLHEDL	629	>BRAFN581'YIFLHEDL	65	564
>BRAFN581'NIFLHEDLTV	125	>BRAFN581'YIFLHEDLTV	24	101
>BRAFN581'NIFLHEDLTV	99	>BRAFN581'YIFLHEDLTV	23	76
>BRAFN581'NIFLHEDL	6101	>BRAFN581'YIFLHEDL	365	5736
>BRAFN581'NIFLHEDLTV	155	>BRAFN581'YIFLHEDLTV	32	123
>BRAFN581'NIFLHEDL	6684	>BRAFN581'YIFLHEDL	146	6538
>BRAFN581'NIFLHEDLTV	353	>BRAFN581'YIFLHEDLTV	7	346
>BRAFN581'NIFLHEDLTV	756	>BRAFN581'YIFLHEDLTV	28	728



>BRAFN581'NIFLHEDLTV	473	>BRAFN581'YIFLHEDLTV	12	461
>BRAFN581'NIFLHEDLTV	5875	>BRAFN581'YIFLHEDLTV	238	5637
>BRAFN581'NIFLHEDL	7653	>BRAFN581'YIFLHEDL	76	7577
>BRAFN581'NIFLHEDLTV	225	>BRAFN581'YIFLHEDLTV	7	218
>BRAFN581'NIFLHEDLTVK	1040	>BRAFN581'YIFLHEDLTVK	362	678
>BRAFN581'NIFLHEDLTVK	333	>BRAFN581'YIFLHEDLTVK	103	230
>BRAFN581'NIFLHEDLTVK	61	>BRAFN581'YIFLHEDLTVK	29	32
>BRAFN581'NNIFLHEDL	25713	>BRAFN581'NYIFLHEDL	226	25487
>BRAFN581'NNIFLHEDL	18182	>BRAFN581'NYIFLHEDL	72	18110
>BRAFN581'NNIFLHEDLTV	24412	>BRAFN581'NYIFLHEDLTV	330	24082
>BRAFN581'NNIFLHEDL	25446	>BRAFN581'NYIFLHEDL	391	25055
>BRAFN581'NNIFLHEDL	24410	>BRAFN581'NYIFLHEDL	33	24377
>BRAFN581'NNIFLHEDLTV	24993	>BRAFN581'NYIFLHEDLTV	410	24583
>BRAFN581'NNIFLHEDL	7175	>BRAFN581'NYIFLHEDL	246	6929
>BRAFN581'NNIFLHEDLTV	10154	>BRAFN581'NYIFLHEDLTV	274	9880
>BRAFN581'SIIHRDLKSNN	24773	>BRAFN581'SIIHRDLKSNNY	89	24684
>BRAFN581'SIIHRDLKSNN	17978	>BRAFN581'SIIHRDLKSNNY	67	17911
>BRAFN581'SIIHRDLKSNN	25111	>BRAFN581'SIIHRDLKSNNY	179	24932
>BRAFN581'SIIHRDLKSNN	23773	>BRAFN581'SIIHRDLKSNNY	74	23699
>BRAFN581'SIIHRDLKSNN	18193	>BRAFN581'SIIHRDLKSNNY	294	17899
>BRAFN581'SIIHRDLKSNN	23406	>BRAFN581'SIIHRDLKSNNY	461	22945
>BRAFN581'SIIHRDLKSNN	18830	>BRAFN581'SIIHRDLKSNNY	466	18364
>BRAFN581'SNNIFLHEDLTV	8995	>BRAFN581'SNYIFLHEDLTV	318	8677
>BRAFN581'KSNNIFLH	330	>BRAFN581'KSNYIFLH	454	124
>BRAFN581'KSNNIFLH	129	>BRAFN581'KSNYIFLH	161	32
>BRAFN581'KSNNIFLH	68	>BRAFN581'KSNYIFLH	53	15
>BRAFN581'KSNNIFLHEDLTV	30	>BRAFN581'KSNYIFLHEDLTV	23	7
>BRAFN581'KSNNIFLHEDLTV	370	>BRAFN581'KSNYIFLHEDLTV	265	105
>BRAFN581'KSNNIFLH	342	>BRAFN581'KSNYIFLH	254	88
>BRAFN581'KSNNIFLHEDLTV	298	>BRAFN581'KSNYIFLHEDLTV	230	68
>BRAFN581'LKSNNIFL	52	>BRAFN581'LKSNYIFL	33	19
>BRAFN581'DLKSNNIFL	567	>BRAFN581'DLKSNNYIFL	297	270
>BRAFN581'DLKSNNIF	328	>BRAFN581'DLKSNNYIF	710	382
>BRAFN581'DLKSNNIF	419	>BRAFN581'DLKSNNYIF	342	77
>BRAFN581'RDLSNNIF	31	>BRAFN581'RDLSNNYIF	39	8
>BRAFN581'RDLSNNIF	605	>BRAFN581'RDLSNNYIF	247	358
>BRAFN581'RDLSNNIF	215	>BRAFN581'RDLSNNYIF	763	548
>BRAFN581'RDLSNNI	41	>BRAFN581'RDLSNNYI	21	20
>BRAFN581'RDLSNNI	89	>BRAFN581'RDLSNNYI	74	15
>BRAFN581'RDLSNNIFL	519	>BRAFN581'RDLSNNYIFL	248	271
>BRAFN581'HRDLKSNNIF	86	>BRAFN581'HRDLKSNNYIF	50	36
>BRAFN581'HRDLKSNNIF	129	>BRAFN581'HRDLKSNNYIFI	155	26
>BRAFN581'HRDLKSNNIF	210	>BRAFN581'HRDLKSNNYIFI	133	77

>BRAFN581'IHRDLKSNN	16279	>BRAFN581'IHRDLKSNY	88	16191
>BRAFN581'IHRDLKSNNIF	16	>BRAFN581'IHRDLKSNIYIF	15	1
>BRAFN581'IHRDLKSNN	6725	>BRAFN581'IHRDLKSNY	61	6664
>BRAFN581'IHRDLKSNNIF	133	>BRAFN581'IHRDLKSNIYIF	265	132
>BRAFN581'IIHRDLKSNNI	409	>BRAFN581'IIHRDLKSNIYI	222	187
>BRAFN581'IIHRDLKSNNI	3362	>BRAFN581'IIHRDLKSNIYI	413	2949
>BRAFN581'IIHRDLKSNN	27542	>BRAFN581'IIHRDLKSNY	253	27289
>BRAFN581'IIHRDLKSNNI	712	>BRAFN581'IIHRDLKSNIYI	248	464
>BRAFP4531IPDGQITV	350	>BRAFP4531ITDGQITV	36353	36003
>BRAFP4531IPDGQITV	9359	>BRAFP4531ITDGQITV	88	9271
>BRAFP4531IPDGQITV	2637	>BRAFP4531ITDGQITV	15	2622
>BRAFP4531IPDGQITV	9809	>BRAFP4531ITDGQITV	66	9743
>BRAFP4531IPDGQITV	7048	>BRAFP4531ITDGQITV	33	7015
>BRAFP4531IPDGQITVVGQ	8489	>BRAFP4531ITDGQITVVGQ	248	8241
>BRAFP4531IPDGQITV	5369	>BRAFP4531ITDGQITV	496	4873
>BRAFP4531IPDGQITV	24718	>BRAFP4531ITDGQITV	285	24433
>BRAFP4531EIPDGQITV	491	>BRAFP4531EITDGQITV	387	104
>BRAFP4531EIPDGQITV	72	>BRAFP4531EITDGQITV	124	52
>BRAFP4531EIPDGQITV	74	>BRAFP4531EITDGQITV	39	35
>BRAFP4531EIPDGQITV	141	>BRAFP4531EITDGQITV	76	65
>BRAFP4531EIPDGQITV	6	>BRAFP4531EITDGQITV	4	2
>BRAFP4531EIPDGQITV	22	>BRAFP4531EITDGQITV	22	0
>BRAFP4531EIPDGQITV	37	>BRAFP4531EITDGQITV	14	23
>BRAFP4531WEIPDGQI	297	>BRAFP4531WEITDGQI	84	213
>BRAFP4531WEIPDGQI	65	>BRAFP4531WEITDGQI	38	27
>BRAFP4531WEIPDGQI	21	>BRAFP4531WEITDGQI	24	3
>BRAFP4531WEIPDGQIT	632	>BRAFP4531WEITDGQIT	97	535
>BRAFP4531WEIPDGQITV	18	>BRAFP4531WEITDGQITV	13	5
>BRAFP4531DDWEIPDGQ	962	>BRAFP4531DDWEITDGQ	134	828
>BRAFP4531DDWEIPDGQ	363	>BRAFP4531DDWEITDGQ	143	220
>BRAFP4531SDDWEIPDGQ	287	>BRAFP4531SDDWEITDGQ	245	42
>BRAFP4531SDDWEIPDGQ	213	>BRAFP4531SDDWEITDGQ	112	101
>BRAFQ201'IQDGEKKPIG'	5757	>BRAFQ201'IIHDGEKKPIG'	346	5411
>BRAFQ201'IPECCAVYRIC	3601	>BRAFQ201'IPECCAVYRIH	443	3158
>BRAFQ201'RIQDGEKK	151	>BRAFQ201'RIHDGEKK	262	111
>BRAFQ201'RIQDGEKK	1763	>BRAFQ201'RIHDGEKK	43	1720
>BRAFQ201'RIQDGEKKPI	3728	>BRAFQ201'RIHDGEKKPI	129	3599
>BRAFQ201'YRIQDGEKKP	238	>BRAFQ201'YRIHDGEKKP	82	156
>BRAFQ201'YRIQDGEK	140	>BRAFQ201'YRIHDGEK	155	15
>BRAFQ201'YRIQDGEKK	90	>BRAFQ201'YRIHDGEKK	96	6
>BRAFQ201'YRIQDGEKKP	124	>BRAFQ201'YRIHDGEKKP	160	36
>BRAFQ201'YRIQDGEKKP	465	>BRAFQ201'YRIHDGEKKP	728	263
>BRAFQ201'VYRIQDGEK	27	>BRAFQ201'VYRIHDGEK	34	7

>BRAFF-Q201 VYRIQDGEKK	200	>BRAFF-Q201 VYRIHDGEKK	190	10
>BRAFF-Q201 AVYRIQDGEK	240	>BRAFF-Q201 AVYRIHDGEK	155	85
>BRAFF-Q201 AVYRIQDGEK	122	>BRAFF-Q201 AVYRIHDGEK	108	14
>BRAFF-Q201 AVYRIQDGEK	135	>BRAFF-Q201 AVYRIHDGEK	150	15
>BRAFF-Q201 AVYRIQDGEK	46	>BRAFF-Q201 AVYRIHDGEK	40	6
>BRAFF-Q201 AVYRIQDGEK	127	>BRAFF-Q201 AVYRIHDGEK	73	54
>BRAFF-Q201 AVYRIQDGEK	862	>BRAFF-Q201 AVYRIHDGEK	375	487
>BRAFF-Q201 AVYRIQDGEK	204	>BRAFF-Q201 AVYRIHDGEK	155	49
>BRAFF-Q201 CAVYRIQDGE	212	>BRAFF-Q201 CAVYRIHDGE	112	100
>BRAFF-Q609 QFEQLSGSI	496	>BRAFF-Q609 RFEQLSGSI	844	348
>BRAFF-Q609 QFEQLSGSI	1368	>BRAFF-Q609 RFEQLSGSI	114	1254
>BRAFF-Q609 QFEQLSGSIL	3216	>BRAFF-Q609 RFEQLSGSIL	425	2791
>BRAFF-Q609 QFEQLSGSILV	1798	>BRAFF-Q609 RFEQLSGSILV	202	1596
>BRAFF-Q609 QFEQLSGSI	796	>BRAFF-Q609 RFEQLSGSI	338	458
>BRAFF-Q609 QFEQLSGSIL	509	>BRAFF-Q609 RFEQLSGSIL	259	250
>BRAFF-Q609 HQFEQLSGSI	34	>BRAFF-Q609 HRFEQLSGSI	92	58
>BRAFF-Q609 HQFEQLSGSI	256	>BRAFF-Q609 HRFEQLSGSIL	7844	7588
>BRAFF-Q609 HQFEQLSGSI	308	>BRAFF-Q609 HRFEQLSGSI	9315	9007
>BRAFF-Q609 HQFEQLSGSI	196	>BRAFF-Q609 HRFEQLSGSIL	14841	14645
>BRAFF-Q609 HQFEQLSGS	121	>BRAFF-Q609 HRFEQLSGS	19633	19512
>BRAFF-Q609 HQFEQLSGSI	89	>BRAFF-Q609 HRFEQLSGSIL	12481	12392
>BRAFF-Q609 HQFEQLSGSI	412	>BRAFF-Q609 HRFEQLSGSI	11179	10767
>BRAFF-Q609 HQFEQLSGSI	432	>BRAFF-Q609 HRFEQLSGSIL	16822	16390
>BRAFF-Q609 HQFEQLSGSI	442	>BRAFF-Q609 HRFEQLSGSI	8115	7673
>BRAFF-Q609 HQFEQLSGSI	185	>BRAFF-Q609 HRFEQLSGSI	19627	19442
>BRAFF-Q609 HQFEQLSGSI	183	>BRAFF-Q609 HRFEQLSGSIL	19132	18949
>BRAFF-Q609 HQFEQLSGSI	157	>BRAFF-Q609 HRFEQLSGSIL	4978	4821
>BRAFF-Q609 HQFEQLSGSI	70	>BRAFF-Q609 HRFEQLSGSI	469	399
>BRAFF-Q609 HQFEQLSGSI	8	>BRAFF-Q609 HRFEQLSGSIL	51	43
>BRAFF-Q609 HQFEQLSGS	3825	>BRAFF-Q609 HRFEQLSGS	130	3695
>BRAFF-Q609 HQFEQLSGSI	805	>BRAFF-Q609 HRFEQLSGSI	20	785
>BRAFF-Q609 HQFEQLSGSI	1276	>BRAFF-Q609 HRFEQLSGSIL	42	1234
>BRAFF-Q609 HQFEQLSGSI	195	>BRAFF-Q609 HRFEQLSGSI	234	39
>BRAFF-Q609 HQFEQLSGSI	16	>BRAFF-Q609 HRFEQLSGSIL	18	2
>BRAFF-Q609 HQFEQLSGSI	388	>BRAFF-Q609 HRFEQLSGSIL	14212	13824
>BRAFF-Q609 HQFEQLSGSI	485	>BRAFF-Q609 HRFEQLSGSIL	5771	5286
>BRAFF-Q609 HQFEQLSGSI	111	>BRAFF-Q609 HRFEQLSGSIL	4041	3930
>BRAFF-Q609 HQFEQLSG	5150	>BRAFF-Q609 HRFEQLSG	354	4796
>BRAFF-Q609 HQFEQLSGSI	10500	>BRAFF-Q609 HRFEQLSGSI	322	10178
>BRAFF-Q609 HQFEQLSGSI	585	>BRAFF-Q609 HRFEQLSGSIL	34	551
>BRAFF-Q609 TVKSRWSGSI	1021	>BRAFF-Q609 TVKSRWSGSI	459	562
>BRAFF-Q609 TVKSRWSGSI	4458	>BRAFF-Q609 TVKSRWSGSI	12	4446
>BRAFF-Q609 TVKSRWSGSI	9636	>BRAFF-Q609 TVKSRWSGSI	46	9590

>BRAf-Q609 TVKSRWSGS	3503	>BRAf-Q609 TVKSRWSGS	26	3477
>BRAf-Q609 GSHQFEQL	406	>BRAf-Q609 GSHRFEQL	213	193
>BRAf-Q609 GSHQFEQL	240	>BRAf-Q609 GSHRFEQL	899	659
>BRAf-Q609 SGSHQFEQL	5458	>BRAf-Q609 SGSHRFEQL	270	5188
>BRAf-Q609 RWSGSHQF	60	>BRAf-Q609 RWSGSHRF	83	23
>BRAf-Q609 RWSGSHQF	78	>BRAf-Q609 RWSGSHRF	100	22
>BRAf-Q609 RWSGSHQFE	328	>BRAf-Q609 RWSGSHRFE	362	34
>BRAf-Q609 RWSGSHQF	6	>BRAf-Q609 RWSGSHRF	9	3
>BRAf-Q609 RWSGSHQFE	14	>BRAf-Q609 RWSGSHRFE	23	9
>BRAf-Q609 RWSGSHQF	144	>BRAf-Q609 RWSGSHRF	151	7
>BRAf-Q609 RWSGSHQFE	57	>BRAf-Q609 RWSGSHRFE	57	0
>BRAf-Q609 RWSGSHQFE	116	>BRAf-Q609 RWSGSHRFE	109	7
>BRAf-Q609 SRWSGSHQ	1045	>BRAf-Q609 SRWSGSHR	401	644
>BRAf-Q609 SRWSGSHQF	8	>BRAf-Q609 SRWSGSHRF	17	9
>BRAf-Q609 SRWSGSHQ	528	>BRAf-Q609 SRWSGSHR	51	477
>BRAf-Q609 SRWSGSHQF	37	>BRAf-Q609 SRWSGSHRF	40	3
>BRAf-Q609 SRWSGSHQF	327	>BRAf-Q609 SRWSGSHRF	317	10
>BRAf-Q609 SRWSGSHQF	538	>BRAf-Q609 SRWSGSHRF	412	126
>BRAf-Q609 SRWSGSHQF	503	>BRAf-Q609 SRWSGSHRF	379	124
>BRAf-Q609 SRWSGSHQF	147	>BRAf-Q609 SRWSGSHRF	80	67
>BRAf-Q609 SRWSGSHQ	22380	>BRAf-Q609 SRWSGSHR	311	22069
>BRAf-Q609 KSRWSGSHQ	14310	>BRAf-Q609 KSRWSGSHR	319	13991
>BRAf-Q609 KSRWSGSHQ	24	>BRAf-Q609 KSRWSGSHR	10	14
>BRAf-Q609 KSRWSGSHQ	44	>BRAf-Q609 KSRWSGSHR	61	17
>BRAf-Q609 KSRWSGSHQ	23	>BRAf-Q609 KSRWSGSHR	26	3
>BRAf-Q609 KSRWSGSHQ	2874	>BRAf-Q609 KSRWSGSHR	9	2865
>BRAf-Q609 KSRWSGSHQ	93	>BRAf-Q609 KSRWSGSHR	127	34
>BRAf-Q609 KSRWSGSHQ	14	>BRAf-Q609 KSRWSGSHR	23	9
>BRAf-Q609 KSRWSGSHQ	51	>BRAf-Q609 KSRWSGSHR	139	88
>BRAf-Q609 KSRWSGSHQ	2	>BRAf-Q609 KSRWSGSHR	2	0
>BRAf-Q609 KSRWSGSHQ	186	>BRAf-Q609 KSRWSGSHR	279	93
>BRAf-Q609 KSRWSGSHQ	73	>BRAf-Q609 KSRWSGSHR	85	12
>BRAf-Q609 KSRWSGSHQ	24	>BRAf-Q609 KSRWSGSHR	35	11
>BRAf-Q609 KSRWSGSHQ	193	>BRAf-Q609 KSRWSGSHR	465	272
>BRAf-Q609 KSRWSGSHQ	72	>BRAf-Q609 KSRWSGSHR	100	28
>BRAf-Q609 VKSRWSGSH	23062	>BRAf-Q609 VKSRWSGSH	451	22611
>BRAf-Q609 VKSRWSGSH	1640	>BRAf-Q609 VKSRWSGSH	415	1225
>BRAf-Q609 VKSRWSGSH	9	>BRAf-Q609 VKSRWSGSH	14	5
>BRAf-Q612 QLSGSILWM	71	>BRAf-Q612 ELSGSILWM	268	197
>BRAf-Q612 QLSGSILWM	51	>BRAf-Q612 ELSGSILWM	365	314
>BRAf-Q612 QLSGSILWM	31	>BRAf-Q612 ELSGSILWM	89	58
>BRAf-Q612 QLSGSILWM	231	>BRAf-Q612 ELSGSILWM	2206	1975
>BRAf-Q612 QLSGSILWM	89	>BRAf-Q612 ELSGSILWM	201	112

>BRAFF-Q612 QLSGSILWM/	156	>BRAFF-Q612 ELSGSILWMA	406	250
>BRAFF-Q612 QLSGSILWM	335	>BRAFF-Q612 ELSGSILWM	546	211
>BRAFF-Q612 QLSGSILWM/	27	>BRAFF-Q612 ELSGSILWMA	47	20
>BRAFF-Q612 QLSGSILWM/	413	>BRAFF-Q612 ELSGSILWMA	1265	852
>BRAFF-Q612 QLSGSILWM/	82	>BRAFF-Q612 ELSGSILWMA	86	4
>BRAFF-Q612 QLSGSILWM	840	>BRAFF-Q612 ELSGSILWM	419	421
>BRAFF-Q612 QLSGSILWM/	102	>BRAFF-Q612 ELSGSILWMA	63	39
>BRAFF-Q612 QLSGSILWM	17	>BRAFF-Q612 ELSGSILWM	42	25
>BRAFF-Q612 QLSGSILWM/	5	>BRAFF-Q612 ELSGSILWMA	8	3
>BRAFF-Q612 QLSGSILWM	10215	>BRAFF-Q612 ELSGSILWM	287	9928
>BRAFF-Q612 QLSGSILWM	804	>BRAFF-Q612 ELSGSILWM	94	710
>BRAFF-Q612 QLSGSILWM/	2214	>BRAFF-Q612 ELSGSILWMA	426	1788
>BRAFF-Q612 QLSGSILWM/	2297	>BRAFF-Q612 ELSGSILWMA	334	1963
>BRAFF-Q612 QLSGSILW	207	>BRAFF-Q612 ELSGSILW	1702	1495
>BRAFF-Q612 EQLSGSIL	2807	>BRAFF-Q612 EELSGSIL	13	2794
>BRAFF-Q612 EQLSGSILWM	12549	>BRAFF-Q612 EELSGSILWM	413	12136
>BRAFF-Q612 EQLSGSILWM	53	>BRAFF-Q612 EELSGSILWM	6449	6396
>BRAFF-Q612 EQLSGSILWM	307	>BRAFF-Q612 EELSGSILWM	1538	1231
>BRAFF-Q612 EQLSGSILWM	355	>BRAFF-Q612 EELSGSILWM	762	407
>BRAFF-Q612 EQLSGSILWM	399	>BRAFF-Q612 EELSGSILWM	1678	1279
>BRAFF-Q612 EQLSGSIL	51	>BRAFF-Q612 EELSGSIL	2425	2374
>BRAFF-Q612 EQLSGSILWM	277	>BRAFF-Q612 EELSGSILWM	5660	5383
>BRAFF-Q612 EQLSGSIL	28	>BRAFF-Q612 EELSGSIL	261	233
>BRAFF-Q612 EQLSGSIL	3045	>BRAFF-Q612 EELSGSIL	39	3006
>BRAFF-Q612 EQLSGSIL	16452	>BRAFF-Q612 EELSGSIL	299	16153
>BRAFF-Q612 EQLSGSILWM	15394	>BRAFF-Q612 EELSGSILWM	394	15000
>BRAFF-Q612 EQLSGSILW	4441	>BRAFF-Q612 EELSGSILW	65	4376
>BRAFF-Q612 EQLSGSIL	14204	>BRAFF-Q612 EELSGSIL	251	13953
>BRAFF-Q612 EQLSGSILW	460	>BRAFF-Q612 EELSGSILW	13	447
>BRAFF-Q612 EQLSGSILWM	14167	>BRAFF-Q612 EELSGSILWM	371	13796
>BRAFF-Q612 EQLSGSILWM	872	>BRAFF-Q612 EELSGSILWM	7	865
>BRAFF-Q612 EQLSGSILWM	19610	>BRAFF-Q612 EELSGSILWM	183	19427
>BRAFF-Q612 EQLSGSILW	245	>BRAFF-Q612 EELSGSILW	192	53
>BRAFF-Q612 SRWSGSHQF	327	>BRAFF-Q612 SRWSGSHQF	927	600
>BRAFF-Q612 SRWSGSHQF	538	>BRAFF-Q612 SRWSGSHQF	381	157
>BRAFF-Q612 FEQLSGSI	4	>BRAFF-Q612 FEELSGSI	4	0
>BRAFF-Q612 FEQLSGSIL	177	>BRAFF-Q612 FEELSGSIL	119	58
>BRAFF-Q612 FEQLSGSILW	377	>BRAFF-Q612 FEELSGSILW	267	110
>BRAFF-Q612 FEQLSGSILW	129	>BRAFF-Q612 FEELSGSILW	93	36
>BRAFF-Q612 FEQLSGSIL	436	>BRAFF-Q612 FEELSGSIL	222	214
>BRAFF-Q612 FEQLSGSI	277	>BRAFF-Q612 FEELSGSI	63	214
>BRAFF-Q612 FEQLSGSIL	34	>BRAFF-Q612 FEELSGSIL	13	21
>BRAFF-Q612 FEQLSGSILW	243	>BRAFF-Q612 FEELSGSILW	63	180

>BRAFF-Q612 FEQLSGSI	176	>BRAFF-Q612 FEELSGSI	640	464
>BRAFF-Q612 FEQLSGSIL	71	>BRAFF-Q612 FEELSGSIL	277	206
>BRAFF-Q612 FEQLSGSILW	385	>BRAFF-Q612 FEELSGSILW	1617	1232
>BRAFF-Q612 FEQLSGSILW	72	>BRAFF-Q612 FEELSGSILW	105	33
>BRAFF-Q612 FEQLSGSILW	288	>BRAFF-Q612 FEELSGSILW	433	145
>BRAFF-Q612 FEQLSGSI	36	>BRAFF-Q612 FEELSGSI	64	28
>BRAFF-Q612 FEQLSGSIL	81	>BRAFF-Q612 FEELSGSIL	149	68
>BRAFF-Q612 FEQLSGSILW	217	>BRAFF-Q612 FEELSGSILW	327	110
>BRAFF-Q612 FEQLSGSILW	311	>BRAFF-Q612 FEELSGSILW	111	200
>BRAFF-Q612 QFEQLSGSI	496	>BRAFF-Q612 QFEELSGSI	1165	669
>BRAFF-Q612 HQFEQLSGSI	34	>BRAFF-Q612 HQFEELSGSI	70	36
>BRAFF-Q612 HQFEQLSGSI	583	>BRAFF-Q612 HQFEELSGSI	277	306
>BRAFF-Q612 HQFEQLSGSI	256	>BRAFF-Q612 HQFEELSGSIL	235	21
>BRAFF-Q612 HQFEQLSGSI	308	>BRAFF-Q612 HQFEELSGSI	242	66
>BRAFF-Q612 HQFEQLSGSI	196	>BRAFF-Q612 HQFEELSGSIL	211	15
>BRAFF-Q612 HQFEQLSGS	121	>BRAFF-Q612 HQFEELSGS	113	8
>BRAFF-Q612 HQFEQLSGSI	89	>BRAFF-Q612 HQFEELSGSIL	83	6
>BRAFF-Q612 HQFEQLSGSI	412	>BRAFF-Q612 HQFEELSGSI	323	89
>BRAFF-Q612 HQFEQLSGSI	502	>BRAFF-Q612 HQFEELSGSI	373	129
>BRAFF-Q612 HQFEQLSGSI	432	>BRAFF-Q612 HQFEELSGSIL	453	21
>BRAFF-Q612 HQFEQLSGSI	442	>BRAFF-Q612 HQFEELSGSI	565	123
>BRAFF-Q612 HQFEQLSGSI	185	>BRAFF-Q612 HQFEELSGSI	259	74
>BRAFF-Q612 HQFEQLSGSI	183	>BRAFF-Q612 HQFEELSGSIL	234	51
>BRAFF-Q612 HQFEQLSGSI	157	>BRAFF-Q612 HQFEELSGSIL	283	126
>BRAFF-Q612 HQFEQLSGSI	70	>BRAFF-Q612 HQFEELSGSI	66	4
>BRAFF-Q612 HQFEQLSGSI	8	>BRAFF-Q612 HQFEELSGSIL	8	0
>BRAFF-Q612 HQFEQLSGSI	195	>BRAFF-Q612 HQFEELSGSI	166	29
>BRAFF-Q612 HQFEQLSGSI	16	>BRAFF-Q612 HQFEELSGSIL	15	1
>BRAFF-Q612 HQFEQLSGSI	388	>BRAFF-Q612 HQFEELSGSIL	387	1
>BRAFF-Q612 HQFEQLSGSI	485	>BRAFF-Q612 HQFEELSGSIL	774	289
>BRAFF-Q612 HQFEQLSGSI	111	>BRAFF-Q612 HQFEELSGSIL	162	51
>BRAFF-Q612 GSHQFEQL	406	>BRAFF-Q612 GSHQFEEL	1458	1052
>BRAFF-Q612 GSHQFEQL	240	>BRAFF-Q612 GSHQFEEL	662	422
>BRAFF-Q612 RWSGSHQFE	328	>BRAFF-Q612 RWSGSHQFE	455	127
>BRAFF-Q612 RWSGSHQFE	14	>BRAFF-Q612 RWSGSHQFE	11	3
>BRAFF-Q612 RWSGSHQFE	116	>BRAFF-Q612 RWSGSHQFE	99	17
>BRAFF-Q636 QSDVYAFGIV	1417	>BRAFF-Q636 ESDVYAFGIV	157	1260
>BRAFF-Q636 QSDVYAFGI	74	>BRAFF-Q636 ESDVYAFGI	12	62
>BRAFF-Q636 QSDVYAFGIV	277	>BRAFF-Q636 ESDVYAFGIV	42	235
>BRAFF-Q636 QSDVYAFGIV	2211	>BRAFF-Q636 ESDVYAFGIV	345	1866
>BRAFF-Q636 QSDVYAFGI	48	>BRAFF-Q636 ESDVYAFGI	214	166
>BRAFF-Q636 QSDVYAFGIV	77	>BRAFF-Q636 ESDVYAFGIV	309	232
>BRAFF-Q636 QSDVYAFGIV	392	>BRAFF-Q636 ESDVYAFGIV	326	66

>BRAFF-Q636 QSDVYAFGI	242	>BRAFF-Q636 ESDVYAFGI	790	548
>BRAFF-Q636 FQSDVYAF	21928	>BRAFF-Q636 FESDVYAF	277	21651
>BRAFF-Q636 FQSDVYAFGI	177	>BRAFF-Q636 FESDVYAFGI	8	169
>BRAFF-Q636 FQSDVYAFGI	1148	>BRAFF-Q636 FESDVYAFGI\	29	1119
>BRAFF-Q636 FQSDVYAFGI	131	>BRAFF-Q636 FESDVYAFGI	6362	6231
>BRAFF-Q636 FQSDVYAFGI	52	>BRAFF-Q636 FESDVYAFGI\	7737	7685
>BRAFF-Q636 FQSDVYAF	61	>BRAFF-Q636 FESDVYAF	3375	3314
>BRAFF-Q636 FQSDVYAFG	69	>BRAFF-Q636 FESDVYAFG	2740	2671
>BRAFF-Q636 FQSDVYAFGI	18	>BRAFF-Q636 FESDVYAFGI	803	785
>BRAFF-Q636 FQSDVYAFGI	11	>BRAFF-Q636 FESDVYAFGI\	420	409
>BRAFF-Q636 FQSDVYAFGI	183	>BRAFF-Q636 FESDVYAFGI	7729	7546
>BRAFF-Q636 FQSDVYAFGI	5	>BRAFF-Q636 FESDVYAFGI\	348	343
>BRAFF-Q636 FQSDVYAF	8	>BRAFF-Q636 FESDVYAF	949	941
>BRAFF-Q636 FQSDVYAFG	32	>BRAFF-Q636 FESDVYAFG	4349	4317
>BRAFF-Q636 FQSDVYAFGI	44	>BRAFF-Q636 FESDVYAFGI	893	849
>BRAFF-Q636 FQSDVYAFGI	4	>BRAFF-Q636 FESDVYAFGI\	103	99
>BRAFF-Q636 FQSDVYAFGI	21	>BRAFF-Q636 FESDVYAFGI	765	744
>BRAFF-Q636 FQSDVYAFGI	65	>BRAFF-Q636 FESDVYAFGI\	1377	1312
>BRAFF-Q636 FQSDVYAFGI	27	>BRAFF-Q636 FESDVYAFGI	4261	4234
>BRAFF-Q636 FQSDVYAFGI	77	>BRAFF-Q636 FESDVYAFGI\	6061	5984
>BRAFF-Q636 FQSDVYAFGI	95	>BRAFF-Q636 FESDVYAFGI	3212	3117
>BRAFF-Q636 FQSDVYAFGI	82	>BRAFF-Q636 FESDVYAFGI\	1706	1624
>BRAFF-Q636 FQSDVYAFGI	141	>BRAFF-Q636 FESDVYAFGI	7829	7688
>BRAFF-Q636 FQSDVYAFGI	98	>BRAFF-Q636 FESDVYAFGI\	1147	1049
>BRAFF-Q636 FQSDVYAFGI	373	>BRAFF-Q636 FESDVYAFGI	3531	3158
>BRAFF-Q636 FQSDVYAFGI	384	>BRAFF-Q636 FESDVYAFGI\	1150	766
>BRAFF-Q636 FQSDVYAF	35	>BRAFF-Q636 FESDVYAF	215	180
>BRAFF-Q636 FQSDVYAF	285	>BRAFF-Q636 FESDVYAF	4206	3921
>BRAFF-Q636 FQSDVYAF	3	>BRAFF-Q636 FESDVYAF	35	32
>BRAFF-Q636 FQSDVYAFGI	249	>BRAFF-Q636 FESDVYAFGI	5171	4922
>BRAFF-Q636 FQSDVYAFGI	271	>BRAFF-Q636 FESDVYAFGI\	5671	5400
>BRAFF-Q636 FQSDVYAF	199	>BRAFF-Q636 FESDVYAF	8	191
>BRAFF-Q636 FQSDVYAF	128	>BRAFF-Q636 FESDVYAF	273	145
>BRAFF-Q636 FQSDVYAF	54	>BRAFF-Q636 FESDVYAF	744	690
>BRAFF-Q636 FQSDVYAFGI	115	>BRAFF-Q636 FESDVYAFGI	1603	1488
>BRAFF-Q636 FQSDVYAFGI	403	>BRAFF-Q636 FESDVYAFGI\	4346	3943
>BRAFF-Q636 FQSDVYAF	2692	>BRAFF-Q636 FESDVYAF	30	2662
>BRAFF-Q636 FQSDVYAFGI	1823	>BRAFF-Q636 FESDVYAFGI\	17	1806
>BRAFF-Q636 FQSDVYAF	6923	>BRAFF-Q636 FESDVYAF	165	6758
>BRAFF-Q636 FQSDVYAFGI	17942	>BRAFF-Q636 FESDVYAFGI	87	17855
>BRAFF-Q636 FQSDVYAF	9633	>BRAFF-Q636 FESDVYAF	147	9486
>BRAFF-Q636 FQSDVYAF	8344	>BRAFF-Q636 FESDVYAF	152	8192
>BRAFF-Q636 FQSDVYAFGI	262	>BRAFF-Q636 FESDVYAFGI	5	257

>BRAFF-Q636 FQSDVYAFGI	2826	>BRAFF-Q636 FESDVYAFGI	15	2811
>BRAFF-Q636 RMQDKNPYS	226	>BRAFF-Q636 RMQDKNPYS	7641	7415
>BRAFF-Q636 SFQSDVYAF	55	>BRAFF-Q636 SFESDVYAF	270	215
>BRAFF-Q636 SFQSDVYAF	8	>BRAFF-Q636 SFESDVYAF	31	23
>BRAFF-Q636 SFQSDVYAFG	94	>BRAFF-Q636 SFESDVYAFG	993	899
>BRAFF-Q636 SFQSDVYAF	396	>BRAFF-Q636 SFESDVYAF	460	64
>BRAFF-Q636 SFQSDVYA	448	>BRAFF-Q636 SFESDVYA	765	317
>BRAFF-Q636 YSFQSDVYAF	1169	>BRAFF-Q636 YSFESDVYAF	448	721
>BRAFF-Q636 YSFQSDVY	175	>BRAFF-Q636 YSFESDVY	107	68
>BRAFF-Q636 YSFQSDVYA	2158	>BRAFF-Q636 YSFESDVYA	181	1977
>BRAFF-Q636 YSFQSDVYA	1164	>BRAFF-Q636 YSFESDVYA	302	862
>BRAFF-Q636 YSFQSDVYA	309	>BRAFF-Q636 YSFESDVYA	35	274
>BRAFF-Q636 YSFQSDVYA	1139	>BRAFF-Q636 YSFESDVYA	173	966
>BRAFF-Q636 YSFQSDVYAF	188	>BRAFF-Q636 YSFESDVYAF	225	37
>BRAFF-Q636 YSFQSDVYAF	382	>BRAFF-Q636 YSFESDVYAF	414	32
>BRAFF-Q636 YSFQSDVYAF	253	>BRAFF-Q636 YSFESDVYAF	499	246
>BRAFF-Q636 YSFQSDVY	588	>BRAFF-Q636 YSFESDVY	462	126
>BRAFF-Q636 YSFQSDVYAF	337	>BRAFF-Q636 YSFESDVYAF	293	44
>BRAFF-Q636 YSFQSDVY	81	>BRAFF-Q636 YSFESDVY	101	20
>BRAFF-Q636 YSFQSDVYAF	65	>BRAFF-Q636 YSFESDVYAF	83	18
>BRAFF-Q636 YSFQSDVY	138	>BRAFF-Q636 YSFESDVY	209	71
>BRAFF-Q636 YSFQSDVYAF	55	>BRAFF-Q636 YSFESDVYAF	51	4
>BRAFF-Q636 YSFQSDVY	145	>BRAFF-Q636 YSFESDVY	130	15
>BRAFF-Q636 YSFQSDVYA	84	>BRAFF-Q636 YSFESDVYA	24	60
>BRAFF-Q636 YSFQSDVY	31	>BRAFF-Q636 YSFESDVY	37	6
>BRAFF-Q636 YSFQSDVYAF	24	>BRAFF-Q636 YSFESDVYAF	28	4
>BRAFF-Q636 YSFQSDVY	78	>BRAFF-Q636 YSFESDVY	95	17
>BRAFF-Q636 YSFQSDVYAF	271	>BRAFF-Q636 YSFESDVYAF	247	24
>BRAFF-Q636 YSFQSDVY	10	>BRAFF-Q636 YSFESDVY	13	3
>BRAFF-Q636 YSFQSDVYA	321	>BRAFF-Q636 YSFESDVYA	340	19
>BRAFF-Q636 YSFQSDVYAF	2	>BRAFF-Q636 YSFESDVYAF	3	1
>BRAFF-Q636 YSFQSDVY	3	>BRAFF-Q636 YSFESDVY	4	1
>BRAFF-Q636 YSFQSDVYA	295	>BRAFF-Q636 YSFESDVYA	355	60
>BRAFF-Q636 YSFQSDVYAF	4	>BRAFF-Q636 YSFESDVYAF	4	0
>BRAFF-Q636 YSFQSDVY	16	>BRAFF-Q636 YSFESDVY	15	1
>BRAFF-Q636 YSFQSDVY	311	>BRAFF-Q636 YSFESDVY	222	89
>BRAFF-Q636 YSFQSDVYAF	116	>BRAFF-Q636 YSFESDVYAF	86	30
>BRAFF-Q636 YSFQSDVYAF	308	>BRAFF-Q636 YSFESDVYAF	335	27
>BRAFF-Q636 YSFQSDVY	89	>BRAFF-Q636 YSFESDVY	110	21
>BRAFF-Q636 YSFQSDVYAF	33	>BRAFF-Q636 YSFESDVYAF	37	4
>BRAFF-Q636 YSFQSDVYAF	349	>BRAFF-Q636 YSFESDVYAF	304	45
>BRAFF-Q636 YSFQSDVY	47	>BRAFF-Q636 YSFESDVY	152	105
>BRAFF-Q636 YSFQSDVYAF	585	>BRAFF-Q636 YSFESDVYAF	337	248



>BRAFF-Q636 YSFQSDVY	137	>BRAFF-Q636 YSFESDVY	110	27
>BRAFF-Q636 YSFQSDVYAF	64	>BRAFF-Q636 YSFESDVYAF	43	21
>BRAFF-Q636 PYSFQSDVYA	267	>BRAFF-Q636 PYSFESDVYA	146	121
>BRAFF-Q636 PYSFQSDVYA	400	>BRAFF-Q636 PYSFESDVYA	306	94
>BRAFF-Q636 PYSFQSDVYA	25	>BRAFF-Q636 PYSFESDVYA	28	3
>BRAFF-Q636 PYSFQSDVY	409	>BRAFF-Q636 PYSFESDVY	804	395
>BRAFF-Q636 PYSFQSDVY	380	>BRAFF-Q636 PYSFESDVY	390	10
>BRAFF-Q636 PYSFQSDVY	646	>BRAFF-Q636 PYSFESDVY	465	181
>BRAFF-Q636 NPYSFQSDV	44	>BRAFF-Q636 NPYSFESDV	138	94
>BRAFF-Q636 NPYSFQSDVY	148	>BRAFF-Q636 NPYSFESDVY	240	92
>BRAFF-Q636 NPYSFQSDVY	228	>BRAFF-Q636 NPYSFESDVY	255	27
>BRAFF-Q636 NPYSFQSDVY	97	>BRAFF-Q636 NPYSFESDVY	77	20
>BRAFF-Q636 NPYSFQSDVY	10	>BRAFF-Q636 NPYSFESDVY	23	13
>BRAFF-Q636 NPYSFQSDVY	110	>BRAFF-Q636 NPYSFESDVY	104	6
>BRAFF-Q636 MQDKNPYSF	854	>BRAFF-Q636 MQDKNPYSF	444	410
>BRAFF-R443 RRDSSDDWE	71	>BRAFF-R443 TRDSSDDWE	4244	4173
>BRAFF-R443 RRDSSDDWE	319	>BRAFF-R443 TRDSSDDWE	12182	11863
>BRAFF-R443 RRDSSDDWE	229	>BRAFF-R443 TRDSSDDWE	6467	6238
>BRAFF-R443 RRDSSDDW	44	>BRAFF-R443 TRDSSDDW	1804	1760
>BRAFF-R443 GRRDSSDDW	11574	>BRAFF-R443 GTRDSSDDW	403	11171
>BRAFF-R443 GRRDSSDDW	8015	>BRAFF-R443 GTRDSSDDW	9	8006
>BRAFF-R443 GRRDSSDDW	24166	>BRAFF-R443 GTRDSSDDW	87	24079
>BRAFF-R443 GRRDSSDDW	20242	>BRAFF-R443 GTRDSSDDW	148	20094
>BRAFF-R443 GRRDSSDDW	16306	>BRAFF-R443 GTRDSSDDW	294	16012
>BRAFF-R443 GRRDSSDDW	104	>BRAFF-R443 GTRDSSDDW	5952	5848
>BRAFF-R443 GRRDSSDDW	12261	>BRAFF-R443 GTRDSSDDW	497	11764
>BRAFF-R443 LGRDSSDDV	318	>BRAFF-R443 LGTRDSSDDV	947	629
>BRAFF-R443 LGRDSSDDV	5746	>BRAFF-R443 LGTRDSSDDV	345	5401
>BRAFF-R443 RMKTLGRR	285	>BRAFF-R443 RMKTLGTR	161	124
>BRAFF-R443 RMKTLGRR	7	>BRAFF-R443 RMKTLGTR	6	1
>BRAFF-R443 RMKTLGRR	72	>BRAFF-R443 RMKTLGTR	70	2
>BRAFF-R443 NRMKTLGR	108	>BRAFF-R443 NRMKTLGT	1434	1326
>BRAFF-R443 NRMKTLGRR	104	>BRAFF-R443 NRMKTLGTR	113	9
>BRAFF-R443 NRMKTLGR	355	>BRAFF-R443 NRMKTLGT	33248	32893
>BRAFF-R443 RNRMKTGR	70	>BRAFF-R443 RNRMKTGT	490	420
>BRAFF-R443 RNRMKTGR	146	>BRAFF-R443 RNRMKTGT	63	83
>BRAFF-R443 RNRMKTGR	254	>BRAFF-R443 RNRMKTGT	22091	21837
>BRAFF-R443 RNRMKTGR	331	>BRAFF-R443 RNRMKTGT	335	4
>BRAFF-R443 RNRMKTGR	139	>BRAFF-R443 RNRMKTGT	27705	27566
>BRAFF-R444 (RDSSDDWEI	31	>BRAFF-R444 (QDSSDDWEI	40	9
>BRAFF-R444 (RRDSSDDWE	16597	>BRAFF-R444 (RQDSSDDWE	359	16238
>BRAFF-R444 (RRDSSDDWE	71	>BRAFF-R444 (RQDSSDDWE	5704	5633
>BRAFF-R444 (RRDSSDDWE	1246	>BRAFF-R444 (RQDSSDDWE	231	1015

>BRAFR444(RRDSDDWE	319	>BRAFR444(RQDSSDDWE	8047	7728
>BRAFR444(RRDSDDWE	229	>BRAFR444(RQDSSDDWE	6643	6414
>BRAFR444(RRDSDDW	44	>BRAFR444(RQDSSDDW	232	188
>BRAFR444(GRRDSSDDW	104	>BRAFR444(GRQDSSDDW	207	103
>BRAFR444(LGRRDSSDD\	318	>BRAFR444(LGRQDSSDD\	494	176
>BRAFR444(RMKT LGRR	285	>BRAFR444(RMKT LGRRQ	746	461
>BRAFR444(RMKT LGRR	7	>BRAFR444(RMKT LGRRQ	2849	2842
>BRAFR444(RMKT LGRR	72	>BRAFR444(RMKT LGRRQ	13355	13283
>BRAFR444(NRMKT LGRR	104	>BRAFR444(NRMKT LGRRQ	1753	1649
>BRAFR444(RNRMKT LGRR	146	>BRAFR444(RNRMKT LGRR	439	293
>BRAFR444(RNRMKT LGRR	331	>BRAFR444(RNRMKT LGRR	25035	24704
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>BRAFR444\RRDSSDDWE	319	>BRAFR444\RDSSDDWI	9243	8924
>BRAFR444\RRDSSDDWE	229	>BRAFR444\RDSSDDWI	9743	9514
>BRAFR444\RRDSSDDW	44	>BRAFR444\RDSSDDW	2549	2505
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>BRAFR444\RRDSSDDWE	26356	>BRAFR444\RDSSDDWI	351	26005
>BRAFR444\GRRDSSDDW	2728	>BRAFR444\GRDSSDDV	137	2591
>BRAFR444\GRRDSSDDW	104	>BRAFR444\GRDSSDDV	40	64
>BRAFR444\LGRRDSSDD\	318	>BRAFR444\LRDSSDD	1098	780
>BRAFR444\RMKT LGRR	285	>BRAFR444\RMKT LGRRW	5164	4879
>BRAFR444\RMKT LGRR	7	>BRAFR444\RMKT LGRRW	6980	6973
>BRAFR444\RMKT LGRR	22869	>BRAFR444\RMKT LGRRW	119	22750
>BRAFR444\RMKT LGRR	23888	>BRAFR444\RMKT LGRRW	125	23763
>BRAFR444\RMKT LGRR	22792	>BRAFR444\RMKT LGRRW	156	22636
>BRAFR444\RMKT LGRR	72	>BRAFR444\RMKT LGRRW	29220	29148
>BRAFR444\NRMKT LGRR	104	>BRAFR444\NRMKT LGRRW	1257	1153
>BRAFR444\RNRMKT LGRR	146	>BRAFR444\RNRMKT LGRR	3250	3104
>BRAFR444\RNRMKT LGRR	331	>BRAFR444\RNRMKT LGRR	30363	30032
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>BRAFR462IRIGSGSFGTV	749	>BRAFR462IIGSGSFGTV	438	311
>BRAFR462IRIGSGSFGTV	163	>BRAFR462IIGSGSFGTV	112	51
>BRAFR462IRIGSGSFGTV	31	>BRAFR462IIGSGSFGTV	25	6
>BRAFR462IRIGSGSFGTV	617	>BRAFR462IIGSGSFGTV	426	191
>BRAFR462IRIGSGSFGTV	19	>BRAFR462IIGSGSFGTV	19	0
>BRAFR462IRIGSGSFGTV	163	>BRAFR462IIGSGSFGTV	200	37
>BRAFR462IRIGSGSFGTV	69	>BRAFR462IIGSGSFGTV	84	15
>BRAFR462IRIGSGSFGTV	256	>BRAFR462IIGSGSFGTV	101	155
>BRAFR462IRIGSGSFGTV	14	>BRAFR462IIGSGSFGTV	7	7
>BRAFR462IRIGSGSFGTV'	468	>BRAFR462IIGSGSFGTVY	1554	1086
>BRAFR462IRIGSGSFGTV'	215	>BRAFR462IIGSGSFGTVY	67	148

>BRAFR462IRIGSGSFGTV'	61	>BRAFR462IIGSGSFGTVY	51	10
>BRAFR462IRIGSGSFGTV	327	>BRAFR462IIGSGSFGTV	456	129
>BRAFR462IRIGSGSFGTV'	30	>BRAFR462IIGSGSFGTVY	95	65
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>BRAFR462IRIGSGSFGTV'	726	>BRAFR462IIGSGSFGTVY	251	475
>BRAFR462IRIGSGSFGTV'	451	>BRAFR462IIGSGSFGTVY	557	106
>BRAFR462IRIGSGSFGTV'	451	>BRAFR462IIGSGSFGTVY	1771	1320
>BRAFR462IRIGSGSFGTV'	77	>BRAFR462IIGSGSFGTVY	83	6
>BRAFR462IQRIGSGSFGT	10333	>BRAFR462IQRIGSGSFGT	36	10297
>BRAFR462IQRIGSGSFGT	6033	>BRAFR462IQRIGSGSFGT	49	5984
>BRAFR462IQRIGSGSFGT	14733	>BRAFR462IQRIGSGSFGT	164	14569
>BRAFR462IQRIGSGSFGT	13618	>BRAFR462IQRIGSGSFGT	22	13596
>BRAFR462IQRIGSGSF	17666	>BRAFR462IQRIGSGSF	385	17281
>BRAFR462IQRIGSGSF	5253	>BRAFR462IQRIGSGSF	29	5224
>BRAFR462IQRIGSGSFGT	6883	>BRAFR462IQRIGSGSFGT	52	6831
>BRAFR462IQRIGSGSFGT	15733	>BRAFR462IQRIGSGSFGT	215	15518
>BRAFR462IQRIGSGSF	5599	>BRAFR462IQRIGSGSF	67	5532
>BRAFR462IQRIGSGSF	1234	>BRAFR462IQRIGSGSF	122	1112
>BRAFR462IQRIGSGSF	52	>BRAFR462IQRIGSGSF	414	362
>BRAFR462IQRIGSGSF	14133	>BRAFR462IQRIGSGSF	165	13968
>BRAFR462IQRIGSGSF	235	>BRAFR462IQRIGSGSF	19767	19532
>BRAFR462IPDGQITVGQ	37027	>BRAFR462IPDGQITVGQ	473	36554
>BRAFR462IPDGQITVGQ	15505	>BRAFR462IPDGQITVGQ	324	15181
>BRAFR462IQRIGSGSFG	4736	>BRAFR462IQRIGSGSFG	157	4579
>BRAFR462IQRIGSGSF	30	>BRAFR462IQRIGSGSF	31	1
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>BRAFR462IVGQRIGSGSF	74	>BRAFR462IVGQRIGSGSF	54	20
>BRAFR462ITVGQRIGSGS	503	>BRAFR462ITVGQRIGSGS	337	166
>BRAFR462ITVGQRIGSGS	183	>BRAFR462ITVGQRIGSGS	224	41
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>BRAFR462IGQITVGQR	35532	>BRAFR462IGQITVGQR	68	35464
>BRAFR462IPDGQITVGQI	26652	>BRAFR462IPDGQITVGQI	189	26463
>BRAFR682(RSNCPKAMK	77	>BRAFR682(RSNCPKAMK	785	708
>BRAFR682(RSNCPKAMK	43	>BRAFR682(RSNCPKAMK	182	139
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>BRAFR682(RSNCPKAM	59	>BRAFR682(QSNCPKAM	383	324
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>BRAFR682(RSNCPKAMK	6	>BRAFR682(QSNCPKAMK	60	54
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>BRAFR682(VRSNCPKAM	3048	>BRAFR682(VQSNCPKAM	248	2800
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>BRAFR682(VRSNCPKAM	14380	>BRAFR682(VQSNCPKAM	441	13939
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>BRAFR682(KVRSNCPK	63	>BRAFR682(KVQSNCPK	188	125
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>BRAFR682(KVRSNCPK	288	>BRAFR682(KVQSNCPK	33	255
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>BRAFR682(KVRSNCPKA	3	>BRAFR682(KVQSNCPKA	26	23
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>BRAFR682(KVRSNCPKA	193	>BRAFR682(KVQSNCPKA	1127	934
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>BRAFR682(KVRSNCPKA	178	>BRAFR682(KVQSNCPKA	139	39
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>BRAFR682(DLSKVRSNCP	68	>BRAFR682(DLSKVQSNCF	81	13
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>BRAFR682(YLSPDLSKVR	237	>BRAFR682(YLSPDLSKVQ	179	58
>BRAFR682(YLSPDLSKVR	441	>BRAFR682(YLSPDLSKVQ	319	122

>BRAF-R682(YLSPDLSKVR	874	>BRAF-R682(YLSPDLSKVQ	16	858
>BRAF-R682(YLSPDLSKVR	21	>BRAF-R682(YLSPDLSKVQ	17	4
>BRAF-S467L SFGTVYKGV	365	>BRAF-S467L LFGTVYKGV	274	91
>BRAF-S467L SFGTVYKGV	3885	>BRAF-S467L LFGTVYKGV	313	3572
>BRAF-S467L GSFQTVYK	9789	>BRAF-S467L GLFQTVYK	274	9515
>BRAF-S467L GSFQTVYK	19747	>BRAF-S467L GLFQTVYK	111	19636
>BRAF-S467L GSFQTVYK	16223	>BRAF-S467L GLFQTVYK	62	16161
>BRAF-S467L GSFQTVYK	23133	>BRAF-S467L GLFQTVYK	430	22703
>BRAF-S467L GSFQTVYK	33885	>BRAF-S467L GLFQTVYK	89	33796
>BRAF-S467L GSFQTVYK	62	>BRAF-S467L GLFQTVYK	32	30
>BRAF-S467L GSFQTVYK	119	>BRAF-S467L GLFQTVYK	42	77
>BRAF-S467L GSFQTVYK	6	>BRAF-S467L GLFQTVYK	10	4
>BRAF-S467L GSFQTVYK	39	>BRAF-S467L GLFQTVYK	129	90
>BRAF-S467L GSFQTVYK	37	>BRAF-S467L GLFQTVYK	273	236
>BRAF-S467L GSFQTVYK	338	>BRAF-S467L GLFQTVYK	2140	1802
>BRAF-S467L GSFQTVYK	89	>BRAF-S467L GLFQTVYK	211	122
>BRAF-S467L GSFQTVYK	25	>BRAF-S467L GLFQTVYK	117	92
>BRAF-S467L GSFQTVYK	9	>BRAF-S467L GLFQTVYK	360	351
>BRAF-S467L GSFQTVYK	40	>BRAF-S467L GLFQTVYK	641	601
>BRAF-S467L GSFQTVYK	29	>BRAF-S467L GLFQTVYK	778	749
>BRAF-S467L GSFQTVYK	90	>BRAF-S467L GLFQTVYK	2150	2060
>BRAF-S467L GSFQTVYK	103	>BRAF-S467L GLFQTVYK	445	342
>BRAF-S467L GSFQTVYK	74	>BRAF-S467L GLFQTVYK	751	677
>BRAF-S467L GSFQTVYK	141	>BRAF-S467L GLFQTVYK	1812	1671
>BRAF-S467L GSFQTVYK	1983	>BRAF-S467L GLFQTVYK	459	1524
>BRAF-S467L ITVGQRIGSG	9965	>BRAF-S467L ITVGQRIGSG	420	9545
>BRAF-S467L ITVGQRIGSG	13718	>BRAF-S467L ITVGQRIGSG	422	13296
>BRAF-S467L ITVGQRIGSG	4138	>BRAF-S467L ITVGQRIGSG	394	3744
>BRAF-S467L ITVGQRIGSG	1871	>BRAF-S467L ITVGQRIGSG	6	1865
>BRAF-S467L ITVGQRIGSG	1366	>BRAF-S467L ITVGQRIGSG	94	1272
>BRAF-S467L SGSFQTVYK	41	>BRAF-S467L SGLFQTVYK	36	5
>BRAF-S467L SGSFQTVYK	331	>BRAF-S467L SGLFQTVYK	112	219
>BRAF-S467L SGSFQTVY	89	>BRAF-S467L SGLFQTVY	239	150
>BRAF-S467L SGSFQTVYK	290	>BRAF-S467L SGLFQTVYK	1196	906
>BRAF-S467L SGSFQTVY	226	>BRAF-S467L SGLFQTVY	581	355
>BRAF-S467L SGSFQTVY	963	>BRAF-S467L SGLFQTVY	480	483
>BRAF-S467L SGSFQTVYK	438	>BRAF-S467L SGLFQTVYK	280	158
>BRAF-S467L GSGSFQTVYK	46	>BRAF-S467L GSGLFQTVYK	61	15
>BRAF-S467L GSGSFQTVYK	25	>BRAF-S467L GSGLFQTVYK	29	4
>BRAF-S467L GSGSFQTVY	172	>BRAF-S467L GSGLFQTVY	989	817
>BRAF-S467L GSGSFQTVYK	212	>BRAF-S467L GSGLFQTVYK	412	200
>BRAF-S467L GSGSFQTVY	86	>BRAF-S467L GSGLFQTVY	267	181
>BRAF-S467L GSGSFQTVY	197	>BRAF-S467L GSGLFQTVY	1725	1528

>BRAFS467L GSGSFGTVY	154	>BRAFS467L GSGLFGTVY	109	45
>BRAFS467L GSGSFGTVY	4	>BRAFS467L GSGLFGTVY	12	8
>BRAFS467L GSGSFGTVYK	241	>BRAFS467L GSGLFGTVYK	368	127
>BRAFS467L IGSGSFGTVYI	304	>BRAFS467L IGSGLFGTVYI	486	182
>BRAFS467L IGSGSFGTVYI	214	>BRAFS467L IGSGLFGTVYI	215	1
>BRAFS467L IGSGSFGTVY	96	>BRAFS467L IGSGLFGTVY	151	55
>BRAFS467L IGSGSFGTVY	370	>BRAFS467L IGSGLFGTVY	780	410
>BRAFS467L IGSGSFGTVY	146	>BRAFS467L IGSGLFGTVY	256	110
>BRAFS467L RIGSGSFGTV	749	>BRAFS467L RIGSGLFGTV	350	399
>BRAFS467L RIGSGSFGTV	163	>BRAFS467L RIGSGLFGTV	128	35
>BRAFS467L RIGSGSFGTV	31	>BRAFS467L RIGSGLFGTV	34	3
>BRAFS467L RIGSGSFGT	1267	>BRAFS467L RIGSGLFGT	239	1028
>BRAFS467L RIGSGSFGTV	617	>BRAFS467L RIGSGLFGTV	211	406
>BRAFS467L RIGSGSFGTV	19	>BRAFS467L RIGSGLFGTV	13	6
>BRAFS467L RIGSGSFGTV	163	>BRAFS467L RIGSGLFGTV	145	18
>BRAFS467L RIGSGSFGTV	69	>BRAFS467L RIGSGLFGTV	55	14
>BRAFS467L RIGSGSFGTV	256	>BRAFS467L RIGSGLFGTV	256	0
>BRAFS467L RIGSGSFGTV	14	>BRAFS467L RIGSGLFGTV	14	0
>BRAFS467L RIGSGSFGTV'	468	>BRAFS467L RIGSGLFGTV'	787	319
>BRAFS467L RIGSGSFGTV'	215	>BRAFS467L RIGSGLFGTV'	233	18
>BRAFS467L RIGSGSFGTV'	61	>BRAFS467L RIGSGLFGTV'	76	15
>BRAFS467L RIGSGSFGTV	327	>BRAFS467L RIGSGLFGTV	495	168
>BRAFS467L RIGSGSFGTV'	30	>BRAFS467L RIGSGLFGTV'	37	7
>BRAFS467L RIGSGSFGTV'	50	>BRAFS467L RIGSGLFGTV'	77	27
>BRAFS467L RIGSGSFGTV'	451	>BRAFS467L RIGSGLFGTV'	862	411
>BRAFS467L RIGSGSFGTV'	451	>BRAFS467L RIGSGLFGTV'	769	318
>BRAFS467L RIGSGSFGTV'	77	>BRAFS467L RIGSGLFGTV'	109	32
>BRAFS467L QRIGSGSF	52	>BRAFS467L QRIGSGLF	168	116
>BRAFS467L QRIGSGSF	235	>BRAFS467L QRIGSGLF	174	61
>BRAFS467L QRIGSGSFGT	521	>BRAFS467L QRIGSGLFGT	269	252
>BRAFS467L GQRIGSGS	6830	>BRAFS467L GQRIGSGL	299	6531
>BRAFS467L GQRIGSGSF	30	>BRAFS467L GQRIGSGLF	59	29
>BRAFS467L GQRIGSGSF	56	>BRAFS467L GQRIGSGLF	125	69
>BRAFS467L GQRIGSGS	10495	>BRAFS467L GQRIGSGL	484	10011
>BRAFS467L GQRIGSGSF	22	>BRAFS467L GQRIGSGLF	227	205
>BRAFS467L GQRIGSGSF	1085	>BRAFS467L GQRIGSGLF	440	645
>BRAFS467L VGQRIGSGSF	498	>BRAFS467L VGQRIGSGLF	3228	2730
>BRAFS467L VGQRIGSGS	8470	>BRAFS467L VGQRIGSGL	491	7979
>BRAFS467L VGQRIGSGSF	74	>BRAFS467L VGQRIGSGLF	84	10
>BRAFS467L TVGQRIGSGS	183	>BRAFS467L TVGQRIGSGL	1313	1130
>BRAFS602S SRWSGSHQF	327	>BRAFS602S SRWSGSHQF	327	0
>BRAFS602S KSRWSGSH	55	>BRAFS602S KSRWSGSH	55	0
>BRAFS602S KSRWSGSHQ	44	>BRAFS602S KSRWSGSHQ	44	0

>BRAFS602SKSRWSGSHQ	23	>BRAFS602SKSRWSGSHQ	23	0
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>BRAFS602SKSRWSGSHQ	14	>BRAFS602SKSRWSGSHQ	14	0
>BRAFS602SKSRWSGSH	31	>BRAFS602SKSRWSGSH	31	0
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>BRAFS602SKSRWSGSH	333	>BRAFS602SKSRWSGSH	333	0
>BRAFS602SKSRWSGSHQ	72	>BRAFS602SKSRWSGSHQ	72	0
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>BRAFS602FGLATVKSRW	499	>BRAFS602FGLATVKSRW	499	0
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>BRAFS602FGLATVKSRW	215	>BRAFS602FGLATVKSRW	215	0
>BRAFS602DFGLATVKSR	205	>BRAFS602DFGLATVKSR	205	0
>BRAFS602DFGLATVKSR	246	>BRAFS602DFGLATVKSR	246	0
>BRAFS602YSRWSGSHQF	1471	>BRAFS602YRWSGSHQF	165	1306
>BRAFS602YSRWSGSHQF	993	>BRAFS602YRWSGSHQF	125	868
>BRAFS602YSRWSGSHQF	640	>BRAFS602YRWSGSHQF	144	496
>BRAFS602YSRWSGSHQ	1045	>BRAFS602YRWSGSHQ	319	726
>BRAFS602YSRWSGSHQF	8	>BRAFS602YRWSGSHQF	3	5
>BRAFS602YSRWSGSHQ	528	>BRAFS602YRWSGSHQ	192	336
>BRAFS602YSRWSGSHQF	37	>BRAFS602YRWSGSHQF	26	11
>BRAFS602YSRWSGSHQF	327	>BRAFS602YRWSGSHQF	131	196
>BRAFS602YSRWSGSHQF	4147	>BRAFS602YRWSGSHQF	384	3763
>BRAFS602YSRWSGSHQF	792	>BRAFS602YRWSGSHQF	104	688
>BRAFS602YSRWSGSHQ	725	>BRAFS602YRWSGSHQ	383	342
>BRAFS602YSRWSGSHQF	698	>BRAFS602YRWSGSHQF	467	231
>BRAFS602YSRWSGSHQF	538	>BRAFS602YRWSGSHQF	288	250
>BRAFS602YSRWSGSHQF	888	>BRAFS602YRWSGSHQF	389	499
>BRAFS602YSRWSGSHQF	147	>BRAFS602YRWSGSHQF	357	210
>BRAFS602YKSRWSGSHQ	12248	>BRAFS602YKSRWSGSHQ	201	12047
>BRAFS602YKSRWSGSHQ	18082	>BRAFS602YKSRWSGSHQ	165	17917
>BRAFS602YKSRWSGSHQ	7726	>BRAFS602YKSRWSGSHQ	6	7720
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>BRAFS602YKSRWSGSHQ	24	>BRAFS602YKYRWSGSHQ	25	1
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>BRAFS602YKSRWSGSHQ	23	>BRAFS602YKYRWSGSHQ	23	0
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>BRAFS602YKSRWSGSHQ	51	>BRAFS602YKYRWSGSHQ	19518	19467
>BRAFS602YKSRWSGSHQ	2	>BRAFS602YKYRWSGSHQ	424	422
>BRAFS602YKSRWSGSHQ	186	>BRAFS602YKYRWSGSHQ	21453	21267
>BRAFS602YKSRWSGSHQ	73	>BRAFS602YKYRWSGSHQ	17378	17305
>BRAFS602YKSRWSGSHQ	24	>BRAFS602YKYRWSGSHQ	10505	10481
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>BRAFS602YKSRWSGSH	22798	>BRAFS602YKYRWSGSH	154	22644
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>BRAFS602YKSRWSGSHQ	17395	>BRAFS602YKYRWSGSHQ	76	17319
>BRAFS602YIGDFGLATVK	22353	>BRAFS602YIGDFGLATVK	302	22051
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>BRAFS602YATVKSRWSG	451	>BRAFS602YATVKYRWSG	427	24
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>BRAFS602YLATVKSRW	86	>BRAFS602YLATVKYRW	52	34
>BRAFS602YLATVKSRW	73	>BRAFS602YLATVKYRW	53	20
>BRAFS602YLATVKSRW	22	>BRAFS602YLATVKYRW	18	4
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>BRAFS602YGLATVKSR	697	>BRAFS602YGLATVKYR	62	635
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>BRAFS602YGLATVKSRW	1001	>BRAFS602YGLATVKYRW	421	580
>BRAFS602YGLATVKSRW	242	>BRAFS602YGLATVKYRW	6216	5974
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>BRAFS602YFGLATVK	23909	>BRAFS602YFGLATVKY	285	23624
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>BRAFS602YFGLATVK	23737	>BRAFS602YFGLATVKY	336	23401
>BRAFS602YFGLATVKSRM	98	>BRAFS602YFGLATVKYRM	164	66
>BRAFS602YFGLATVK	15999	>BRAFS602YFGLATVKY	185	15814
>BRAFS602YFGLATVKSRM	499	>BRAFS602YFGLATVKYRM	196	303
>BRAFS602YFGLATVKSRM	45	>BRAFS602YFGLATVKYRM	27	18
>BRAFS602YFGLATVKSRM	215	>BRAFS602YFGLATVKYRM	213	2



>BRAFS602YFGLATVKSR	756	>BRAFS602YFGLATVKYR	63	693
>BRAFS602YDFGLATVKS	22409	>BRAFS602YDFGLATVKY	184	22225
>BRAFS602YDFGLATVKSR	1561	>BRAFS602YDFGLATVKYR	338	1223
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>BRAFS602YDFGLATVKSR	2715	>BRAFS602YDFGLATVKYR	495	2220
>BRAFS602YDFGLATVKSR	246	>BRAFS602YDFGLATVKYR	30	216
>BRAFS602YGDFGLATVKS	30587	>BRAFS602YGDFGLATVKY	426	30161
>BRAFS605FSGSHQFEQL	2843	>BRAFS605FSGSHQFEQL	110	2733
>BRAFS605FWSGSHQFEQ	4735	>BRAFS605FWSGSHQFEQ	14	4721
>BRAFS605FGLATVKSRM	21555	>BRAFS605FGLATVKSRM	325	21230
>BRAFS605FGLATVKSRM	23857	>BRAFS605FGLATVKSRM	150	23707
>BRAFS605FRWSGSHQF	60	>BRAFS605FRWFGSHQF	19	41
>BRAFS605FRWSGSHQFE	1167	>BRAFS605FRWFGSHQFE	152	1015
>BRAFS605FRWSGSHQF	78	>BRAFS605FRWFGSHQF	87	9
>BRAFS605FRWSGSHQFE	328	>BRAFS605FRWFGSHQFE	358	30
>BRAFS605FRWSGSHQF	6	>BRAFS605FRWFGSHQF	5	1
>BRAFS605FRWSGSHQFE	14	>BRAFS605FRWFGSHQFE	9	5
>BRAFS605FRWSGSHQF	3885	>BRAFS605FRWFGSHQF	327	3558
>BRAFS605FRWSGSHQF	664	>BRAFS605FRWFGSHQF	75	589
>BRAFS605FRWSGSHQFE	2543	>BRAFS605FRWFGSHQFE	297	2246
>BRAFS605FRWSGSHQFE	613	>BRAFS605FRWFGSHQFE	146	467
>BRAFS605FRWSGSHQF	144	>BRAFS605FRWFGSHQF	56	88
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>BRAFS605FRWSGSHQFE	116	>BRAFS605FRWFGSHQFE	51	65
>BRAFS605FSRWGSHQF	8	>BRAFS605FSRWFGSHQF	35	27
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>BRAFS605FSRWGSHQF	327	>BRAFS605FSRWFGSHQF	563	236
>BRAFS605FSRWGSHQF	698	>BRAFS605FSRWFGSHQF	439	259
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>BRAFS605FKSRWSGSH	31	>BRAFS605FKSRWFGSH	149	118
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>BRAFS605FKSRWSGSHQ	186	>BRAFS605FKSRWFGSHQ	565	379
>BRAFS605FKSRWSGSHQ	73	>BRAFS605FKSRWFGSHQ	58	15

>BRAFS605FKSRWSGSHQ	24	>BRAFS605FKSRWFGSHQ	28	4
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>BRAFS605FKSRWSGSHQ	193	>BRAFS605FKSRWFGSHQ	117	76
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>BRAFS605FTVKSRWSG	1158	>BRAFS605FTVKSRWFG	368	790
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>BRAFS605FLATVKSRWS	14852	>BRAFS605FLATVKSRWF	22	14830
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>BRAFS605CRWSGSHQFE	14	>BRAFS605CRWGGSHQFE	13	1
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>BRAFS605CSRWSGSHQF	640	>BRAFS605CSRWGGSHQF	416	224
>BRAFS605CSRWSGSHQF	8	>BRAFS605CSRWGGSHQF	74	66
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>BRAFS605CSRWSGSHQF	327	>BRAFS605CSRWGGSHQF	269	58
>BRAFS605CSRWSGSHQF	538	>BRAFS605CSRWGGSHQF	424	114
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>BRAFS605CKSRWSGSHQ	24	>BRAFS605CKSRWGGSHC	49	25
>BRAFS605CKSRWSGSHQ	44	>BRAFS605CKSRWGGSHC	84	40
>BRAFS605CKSRWSGSHQ	23	>BRAFS605CKSRWGGSHC	38	15
>BRAFS605CKSRWSGSHQ	518	>BRAFS605CKSRWGGSHC	346	172
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>BRAFS605CKSRWSGSH	31	>BRAFS605CKSRWGGSH	58	27
>BRAFS605CKSRWSGSHQ	51	>BRAFS605CKSRWGGSHC	119	68
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>BRAFS605CKSRWSGSHQ	186	>BRAFS605CKSRWGGSHC	333	147
>BRAFS605CKSRWSGSHQ	73	>BRAFS605CKSRWGGSHC	139	66

>BRAFF-S605C KSRWSGSHQ	24	>BRAFF-S605C KSRWGGSHC	33	9
>BRAFF-S605C KSRWSGSH	333	>BRAFF-S605C KSRWGGSH	343	10
>BRAFF-S605C KSRWSGSHQ	193	>BRAFF-S605C KSRWGGSHC	194	1
>BRAFF-S605C KSRWSGSHQ	72	>BRAFF-S605C KSRWGGSHC	89	17
>BRAFF-S605C VKSRWSGSH	9	>BRAFF-S605C VKSRWGGSH	12	3
>BRAFF-S605C ATVKSRWSG:	451	>BRAFF-S605C ATVKSRWGG	457	6
>BRAFF-S605M RWSGSHQF	60	>BRAFF-S605M RWNGSHQF	64	4
>BRAFF-S605M RWSGSHQF	78	>BRAFF-S605M RWNGSHQF	150	72
>BRAFF-S605M RWSGSHQFE	328	>BRAFF-S605M RWNGSHQFE	688	360
>BRAFF-S605M RWSGSHQF	6	>BRAFF-S605M RWNGSHQF	9	3
>BRAFF-S605M RWSGSHQFE	14	>BRAFF-S605M RWNGSHQFE	33	19
>BRAFF-S605M RWSGSHQF	144	>BRAFF-S605M RWNGSHQF	280	136
>BRAFF-S605M RWSGSHQFE	57	>BRAFF-S605M RWNGSHQFE	100	43
>BRAFF-S605M RWSGSHQFE	116	>BRAFF-S605M RWNGSHQFE	212	96
>BRAFF-S605M SRWSGSHQF	8	>BRAFF-S605M SRWNGSHQF	10	2
>BRAFF-S605M SRWSGSHQ	528	>BRAFF-S605M SRWNGSHQ	475	53
>BRAFF-S605M SRWSGSHQF	37	>BRAFF-S605M SRWNGSHQF	38	1
>BRAFF-S605M SRWSGSHQF	538	>BRAFF-S605M SRWNGSHQF	489	49
>BRAFF-S605M SRWSGSHQF	327	>BRAFF-S605M SRWNGSHQF	300	27
>BRAFF-S605M SRWSGSHQF	538	>BRAFF-S605M SRWNGSHQF	474	64
>BRAFF-S605M SRWSGSHQF	147	>BRAFF-S605M SRWNGSHQF	87	60
>BRAFF-S605M KSRWSGSH	55	>BRAFF-S605M KSRWNGSH	93	38
>BRAFF-S605M KSRWSGSHQ	24	>BRAFF-S605M KSRWNGSHC	36	12
>BRAFF-S605M KSRWSGSHQ	44	>BRAFF-S605M KSRWNGSHC	60	16
>BRAFF-S605M KSRWSGSHQ	23	>BRAFF-S605M KSRWNGSHC	31	8
>BRAFF-S605M KSRWSGSHQ	518	>BRAFF-S605M KSRWNGSHC	268	250
>BRAFF-S605M KSRWSGSHQ	93	>BRAFF-S605M KSRWNGSHC	149	56
>BRAFF-S605M KSRWSGSHQ	14	>BRAFF-S605M KSRWNGSHC	24	10
>BRAFF-S605M KSRWSGSH	31	>BRAFF-S605M KSRWNGSH	102	71
>BRAFF-S605M KSRWSGSHQ	51	>BRAFF-S605M KSRWNGSHC	190	139
>BRAFF-S605M KSRWSGSHQ	2	>BRAFF-S605M KSRWNGSHC	2	0
>BRAFF-S605M KSRWSGSHQ	186	>BRAFF-S605M KSRWNGSHC	446	260
>BRAFF-S605M KSRWSGSHQ	73	>BRAFF-S605M KSRWNGSHC	99	26
>BRAFF-S605M KSRWSGSHQ	24	>BRAFF-S605M KSRWNGSHC	34	10
>BRAFF-S605M KSRWSGSH	333	>BRAFF-S605M KSRWNGSH	1006	673
>BRAFF-S605M KSRWSGSHQ	193	>BRAFF-S605M KSRWNGSHC	768	575
>BRAFF-S605M KSRWSGSHQ	72	>BRAFF-S605M KSRWNGSHC	70	2
>BRAFF-S605M VKSRWSGSH	9	>BRAFF-S605M VKSRWNGSH	12	3
>BRAFF-S605M ATVKSRWSG:	451	>BRAFF-S605M ATVKSRWNG	562	111
>BRAFF-S605F WSGSHQFEC	22059	>BRAFF-S605F WRGSHQFEC	115	21944
>BRAFF-S605F WSGSHQFEC	23582	>BRAFF-S605F WRGSHQFEC	323	23259
>BRAFF-S605F RWSGSHQF	60	>BRAFF-S605F RWRGSHQF	42	18
>BRAFF-S605F RWSGSHQF	78	>BRAFF-S605F RWRGSHQF	133	55

>BRAFF-S605F RWSGSHQFE	328	>BRAFF-S605F RWRGSHQFE	622	294
>BRAFF-S605F RWSGSHQF	6	>BRAFF-S605F RWRGSHQF	10	4
>BRAFF-S605F RWSGSHQFE	14	>BRAFF-S605F RWRGSHQFE	45	31
>BRAFF-S605F RWSGSHQF	10095	>BRAFF-S605F RWRGSHQF	218	9877
>BRAFF-S605F RWSGSHQFE	4529	>BRAFF-S605F RWRGSHQFE	34	4495
>BRAFF-S605F RWSGSHQFE	4497	>BRAFF-S605F RWRGSHQFE	51	4446
>BRAFF-S605F RWSGSHQFE	4100	>BRAFF-S605F RWRGSHQFE	75	4025
>BRAFF-S605F RWSGSHQF	664	>BRAFF-S605F RWRGSHQF	252	412
>BRAFF-S605F RWSGSHQF	144	>BRAFF-S605F RWRGSHQF	192	48
>BRAFF-S605F RWSGSHQFE	57	>BRAFF-S605F RWRGSHQFE	70	13
>BRAFF-S605F RWSGSHQFE	116	>BRAFF-S605F RWRGSHQFE	154	38
>BRAFF-S605F SRWSGSHQF	8	>BRAFF-S605F SRWRGSHQF	12	4
>BRAFF-S605F SRWSGSHQ	528	>BRAFF-S605F SRWRGSHQ	382	146
>BRAFF-S605F SRWSGSHQF	37	>BRAFF-S605F SRWRGSHQF	38	1
>BRAFF-S605F SRWSGSHQF	327	>BRAFF-S605F SRWRGSHQF	273	54
>BRAFF-S605F SRWSGSHQF	538	>BRAFF-S605F SRWRGSHQF	432	106
>BRAFF-S605F SRWSGSHQF	503	>BRAFF-S605F SRWRGSHQF	251	252
>BRAFF-S605F SRWSGSHQF	1409	>BRAFF-S605F SRWRGSHQF	434	975
>BRAFF-S605F SRWSGSHQF	147	>BRAFF-S605F SRWRGSHQF	70	77
>BRAFF-S605F KSRWSGSH	55	>BRAFF-S605F KSRWRGSH	59	4
>BRAFF-S605F KSRWSGSHQ	24	>BRAFF-S605F KSRWRGSHQ	28	4
>BRAFF-S605F KSRWSGSHQ	44	>BRAFF-S605F KSRWRGSHQ	46	2
>BRAFF-S605F KSRWSGSHQ	23	>BRAFF-S605F KSRWRGSHQ	26	3
>BRAFF-S605F KSRWSGSHQ	518	>BRAFF-S605F KSRWRGSHQ	351	167
>BRAFF-S605F KSRWSGSHQ	93	>BRAFF-S605F KSRWRGSHQ	172	79
>BRAFF-S605F KSRWSGSHQ	14	>BRAFF-S605F KSRWRGSHQ	37	23
>BRAFF-S605F KSRWSGSH	31	>BRAFF-S605F KSRWRGSH	137	106
>BRAFF-S605F KSRWSGSHQ	51	>BRAFF-S605F KSRWRGSHQ	189	138
>BRAFF-S605F KSRWSGSHQ	2	>BRAFF-S605F KSRWRGSHQ	2	0
>BRAFF-S605F KSRWSGSHQ	186	>BRAFF-S605F KSRWRGSHQ	433	247
>BRAFF-S605F KSRWSGSHQ	73	>BRAFF-S605F KSRWRGSHQ	98	25
>BRAFF-S605F KSRWSGSHQ	24	>BRAFF-S605F KSRWRGSHQ	59	35
>BRAFF-S605F KSRWSGSH	333	>BRAFF-S605F KSRWRGSH	925	592
>BRAFF-S605F KSRWSGSHQ	193	>BRAFF-S605F KSRWRGSHQ	409	216
>BRAFF-S605F KSRWSGSHQ	72	>BRAFF-S605F KSRWRGSHQ	63	9
>BRAFF-S605F VKSRWSGSH	9	>BRAFF-S605F VKSRWRGSH	13	4
>BRAFF-S605F ATVKSRRWS	17386	>BRAFF-S605F ATVKSRRWR	54	17332
>BRAFF-S605F ATVKSRRWS	24811	>BRAFF-S605F ATVKSRRWR	59	24752
>BRAFF-S605F ATVKSRRWSG:	451	>BRAFF-S605F ATVKSRRWRG	585	134
>BRAFF-S605F ATVKSRRWS	2567	>BRAFF-S605F ATVKSRRWR	113	2454
>BRAFF-S605F LATVKSRRWS	21110	>BRAFF-S605F LATVKSRRWR	380	20730
>BRAFF-S605F LATVKSRRWS	34467	>BRAFF-S605F LATVKSRRWR	334	34133
>BRAFF-S605F GLATVKSRRW:	27328	>BRAFF-S605F GLATVKSRRWI	182	27146

>BRAFF-S607F GSHQFEQL	406	>BRAFF-S607F GPHQFEQL	6982	6576
>BRAFF-S607F GSHQFEQL	240	>BRAFF-S607F GPHQFEQL	24006	23766
>BRAFF-S607F SGSHQFEQL	20244	>BRAFF-S607F SGPHQFEQL	227	20017
>BRAFF-S607F WSGSHQFEC	796	>BRAFF-S607F WSGPHQFEC	190	606
>BRAFF-S607F RWSGSHQF	60	>BRAFF-S607F RWSGPHQF	111	51
>BRAFF-S607F RWSGSHQF	78	>BRAFF-S607F RWSGPHQF	89	11
>BRAFF-S607F RWSGSHQFE	328	>BRAFF-S607F RWSGPHQFE	461	133
>BRAFF-S607F RWSGSHQF	6	>BRAFF-S607F RWSGPHQF	6	0
>BRAFF-S607F RWSGSHQFE	14	>BRAFF-S607F RWSGPHQFE	15	1
>BRAFF-S607F RWSGSHQF	144	>BRAFF-S607F RWSGPHQF	168	24
>BRAFF-S607F RWSGSHQFE	57	>BRAFF-S607F RWSGPHQFE	122	65
>BRAFF-S607F RWSGSHQFE	116	>BRAFF-S607F RWSGPHQFE	188	72
>BRAFF-S607F SRWSGSHQF	8	>BRAFF-S607F SRWSGPHQF	12	4
>BRAFF-S607F SRWSGSHQF	37	>BRAFF-S607F SRWSGPHQF	30	7
>BRAFF-S607F SRWSGSHQF	538	>BRAFF-S607F SRWSGPHQF	478	60
>BRAFF-S607F SRWSGSHQF	327	>BRAFF-S607F SRWSGPHQF	346	19
>BRAFF-S607F SRWSGSHQF	503	>BRAFF-S607F SRWSGPHQF	309	194
>BRAFF-S607F SRWSGSHQF	147	>BRAFF-S607F SRWSGPHQF	49	98
>BRAFF-S607F KSRWSGSH	55	>BRAFF-S607F KSRWSGPH	26	29
>BRAFF-S607F KSRWSGSHQ	24	>BRAFF-S607F KSRWSGPHQ	9	15
>BRAFF-S607F KSRWSGSHQ	44	>BRAFF-S607F KSRWSGPHQ	41	3
>BRAFF-S607F KSRWSGSHQ	23	>BRAFF-S607F KSRWSGPHQ	19	4
>BRAFF-S607F KSRWSGSHQ	518	>BRAFF-S607F KSRWSGPHQ	498	20
>BRAFF-S607F KSRWSGSHQ	93	>BRAFF-S607F KSRWSGPHQ	342	249
>BRAFF-S607F KSRWSGSHQ	14	>BRAFF-S607F KSRWSGPHQ	18	4
>BRAFF-S607F KSRWSGSH	31	>BRAFF-S607F KSRWSGPH	22	9
>BRAFF-S607F KSRWSGSHQ	51	>BRAFF-S607F KSRWSGPHQ	78	27
>BRAFF-S607F KSRWSGSHQ	2	>BRAFF-S607F KSRWSGPHQ	2	0
>BRAFF-S607F KSRWSGSHQ	186	>BRAFF-S607F KSRWSGPHQ	320	134
>BRAFF-S607F KSRWSGSHQ	73	>BRAFF-S607F KSRWSGPHQ	69	4
>BRAFF-S607F KSRWSGSHQ	24	>BRAFF-S607F KSRWSGPHQ	20	4
>BRAFF-S607F KSRWSGSH	333	>BRAFF-S607F KSRWSGPH	861	528
>BRAFF-S607F KSRWSGSHQ	193	>BRAFF-S607F KSRWSGPHQ	5356	5163
>BRAFF-S607F KSRWSGSHQ	72	>BRAFF-S607F KSRWSGPHQ	61	11
>BRAFF-S607F VKSRWSGSH	9	>BRAFF-S607F VKSRWSGPH	9	0
>BRAFF-S607F TVKSRWSGSI	1021	>BRAFF-S607F TVKSRWSGPI	442	579
>BRAFF-S607F ATVKSRWSG	451	>BRAFF-S607F ATVKSRWSG	1656	1205
>BRAFF-S614F LSGSILWM	29578	>BRAFF-S614F LPGSILWM	93	29485
>BRAFF-S614F LSGSILWMA	395	>BRAFF-S614F LPGSILWMA	11559	11164
>BRAFF-S614F LSGSILWM	23175	>BRAFF-S614F LPGSILWM	388	22787
>BRAFF-S614F LSGSILWM	140	>BRAFF-S614F LPGSILWM	21017	20877
>BRAFF-S614F LSGSILWM	9034	>BRAFF-S614F LPGSILWM	146	8888
>BRAFF-S614F LSGSILWM	14314	>BRAFF-S614F LPGSILWM	127	14187

>BRAFS614FLSGSILWMA	13347	>BRAFS614FLPGSILWMA	19	13328
>BRAFS614FQLSGSILWM,	71	>BRAFS614FQLPGSILWM,	173	102
>BRAFS614FQLSGSILWM	51	>BRAFS614FQLPGSILWM	460	409
>BRAFS614FQLSGSILWM,	31	>BRAFS614FQLPGSILWM,	83	52
>BRAFS614FQLSGSILWM	231	>BRAFS614FQLPGSILWM	805	574
>BRAFS614FQLSGSILWM,	89	>BRAFS614FQLPGSILWM,	233	144
>BRAFS614FQLSGSILWM,	156	>BRAFS614FQLPGSILWM,	137	19
>BRAFS614FQLSGSILWM	335	>BRAFS614FQLPGSILWM	281	54
>BRAFS614FQLSGSILWM,	27	>BRAFS614FQLPGSILWM,	25	2
>BRAFS614FQLSGSILWM,	413	>BRAFS614FQLPGSILWM,	1133	720
>BRAFS614FQLSGSILWM,	82	>BRAFS614FQLPGSILWM,	86	4
>BRAFS614FQLSGSILWM,	102	>BRAFS614FQLPGSILWM,	599	497
>BRAFS614FQLSGSILWM	17	>BRAFS614FQLPGSILWM	31	14
>BRAFS614FQLSGSILWM,	5	>BRAFS614FQLPGSILWM,	7	2
>BRAFS614FQLSGSILWM	804	>BRAFS614FQLPGSILWM	445	359
>BRAFS614FQLSGSILW	207	>BRAFS614FQLPGSILW	7082	6875
>BRAFS614FQLSGSILWM	1941	>BRAFS614FQLPGSILWM	9	1932
>BRAFS614FEQLSGSILWN	53	>BRAFS614FEQLPGSILWN	31	22
>BRAFS614FEQLSGSILWN	307	>BRAFS614FEQLPGSILWN	704	397
>BRAFS614FEQLSGSILWN	355	>BRAFS614FEQLPGSILWN	824	469
>BRAFS614FEQLSGSILWN	399	>BRAFS614FEQLPGSILWN	433	34
>BRAFS614FEQLSGSIL	51	>BRAFS614FEQLPGSIL	106	55
>BRAFS614FEQLSGSILWN	277	>BRAFS614FEQLPGSILWN	507	230
>BRAFS614FEQLSGSILW	2383	>BRAFS614FEQLPGSILW	497	1886
>BRAFS614FEQLSGSIL	28	>BRAFS614FEQLPGSIL	49	21
>BRAFS614FEQLSGSILW	460	>BRAFS614FEQLPGSILW	661	201
>BRAFS614FEQLSGSILW	245	>BRAFS614FEQLPGSILW	407	162
>BRAFS614FEQLSGSI	4	>BRAFS614FEQLPGSI	5	1
>BRAFS614FEQLSGSIL	177	>BRAFS614FEQLPGSIL	2594	2417
>BRAFS614FEQLSGSILW	377	>BRAFS614FEQLPGSILW	2200	1823
>BRAFS614FEQLSGSILW	129	>BRAFS614FEQLPGSILW	808	679
>BRAFS614FEQLSGSIL	436	>BRAFS614FEQLPGSIL	1327	891
>BRAFS614FEQLSGSI	277	>BRAFS614FEQLPGSI	562	285
>BRAFS614FEQLSGSIL	34	>BRAFS614FEQLPGSIL	65	31
>BRAFS614FEQLSGSILW	243	>BRAFS614FEQLPGSILW	359	116
>BRAFS614FEQLSGSI	176	>BRAFS614FEQLPGSI	498	322
>BRAFS614FEQLSGSIL	71	>BRAFS614FEQLPGSIL	342	271
>BRAFS614FEQLSGSILW	385	>BRAFS614FEQLPGSILW	994	609
>BRAFS614FEQLSGSILW	72	>BRAFS614FEQLPGSILW	69	3
>BRAFS614FEQLSGSILW	288	>BRAFS614FEQLPGSILW	322	34
>BRAFS614FEQLSGSI	36	>BRAFS614FEQLPGSI	62	26
>BRAFS614FEQLSGSIL	81	>BRAFS614FEQLPGSIL	118	37
>BRAFS614FEQLSGSILW	217	>BRAFS614FEQLPGSILW	367	150

>BRAFS614F FEQLSGSILW	311	>BRAFS614F FEQLPGSILW	545	234
>BRAFS614F QFEQLSGSI	496	>BRAFS614F QFEQLPGSI	1048	552
>BRAFS614F QFEQLSGSIL	509	>BRAFS614F QFEQLPGSIL	208	301
>BRAFS614F HQFEQLSGSI	34	>BRAFS614F HQFEQLPGSI	103	69
>BRAFS614F HQFEQLSGSI	256	>BRAFS614F HQFEQLPGSI	423	167
>BRAFS614F HQFEQLSGSI	308	>BRAFS614F HQFEQLPGSI	158	150
>BRAFS614F HQFEQLSGSI	196	>BRAFS614F HQFEQLPGSI	498	302
>BRAFS614F HQFEQLSGS	121	>BRAFS614F HQFEQLPGS	60	61
>BRAFS614F HQFEQLSGSI	89	>BRAFS614F HQFEQLPGSI	77	12
>BRAFS614F HQFEQLSGSI	412	>BRAFS614F HQFEQLPGSI	215	197
>BRAFS614F HQFEQLSGSI	432	>BRAFS614F HQFEQLPGSI	484	52
>BRAFS614F HQFEQLSGSI	442	>BRAFS614F HQFEQLPGSI	396	46
>BRAFS614F HQFEQLSG	625	>BRAFS614F HQFEQLPG	439	186
>BRAFS614F HQFEQLSGSI	185	>BRAFS614F HQFEQLPGSI	655	470
>BRAFS614F HQFEQLSGSI	183	>BRAFS614F HQFEQLPGSI	312	129
>BRAFS614F HQFEQLSGSI	157	>BRAFS614F HQFEQLPGSI	286	129
>BRAFS614F HQFEQLSGSI	70	>BRAFS614F HQFEQLPGSI	113	43
>BRAFS614F HQFEQLSGSI	8	>BRAFS614F HQFEQLPGSI	13	5
>BRAFS614F HQFEQLSGSI	805	>BRAFS614F HQFEQLPGSI	221	584
>BRAFS614F HQFEQLSGSI	195	>BRAFS614F HQFEQLPGSI	221	26
>BRAFS614F HQFEQLSGSI	16	>BRAFS614F HQFEQLPGSI	21	5
>BRAFS614F HQFEQLSGSI	388	>BRAFS614F HQFEQLPGSI	389	1
>BRAFS614F HQFEQLSGSI	485	>BRAFS614F HQFEQLPGSI	631	146
>BRAFS614F HQFEQLSGSI	111	>BRAFS614F HQFEQLPGSI	98	13
>BRAFS614S LSGSILWM	140	>BRAFS614S LSGSILWM	140	0
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>BRAFS614S EQLSGSILWM	53	>BRAFS614S EQLSGSILWM	53	0
>BRAFS614S EQLSGSILWM	399	>BRAFS614S EQLSGSILWM	399	0
>BRAFS614S EQLSGSIL	51	>BRAFS614S EQLSGSIL	51	0
>BRAFS614S EQLSGSIL	28	>BRAFS614S EQLSGSIL	28	0
>BRAFS614S FEQLSGSI	4	>BRAFS614S FEQLSGSI	4	0
>BRAFS614S FEQLSGSILW	129	>BRAFS614S FEQLSGSILW	129	0
>BRAFS614S FEQLSGSI	277	>BRAFS614S FEQLSGSI	277	0
>BRAFS614S FEQLSGSILW	243	>BRAFS614S FEQLSGSILW	243	0
>BRAFS614S FEQLSGSI	176	>BRAFS614S FEQLSGSI	176	0
>BRAFS614S FEQLSGSILW	385	>BRAFS614S FEQLSGSILW	385	0
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>BRAFS614S HQFEQLSGSI	256	>BRAFS614S HQFEQLSGSI	256	0
>BRAFS614S HQFEQLSGSI	196	>BRAFS614S HQFEQLSGSI	196	0
>BRAFS614S HQFEQLSGSI	89	>BRAFS614S HQFEQLSGSI	89	0
>BRAFS614S HQFEQLSGSI	432	>BRAFS614S HQFEQLSGSI	432	0
>BRAFS614S HQFEQLSGSI	183	>BRAFS614S HQFEQLSGSI	183	0
>BRAFS614S HQFEQLSGSI	157	>BRAFS614S HQFEQLSGSI	157	0

>BRAFS614SHQFEQLSGSI	8	>BRAFS614SHQFEQLSGSI	8	0
>BRAFS614SHQFEQLSGSI	16	>BRAFS614SHQFEQLSGSI	16	0
>BRAFS614SHQFEQLSGSI	388	>BRAFS614SHQFEQLSGSI	388	0
>BRAFS614SHQFEQLSGSI	485	>BRAFS614SHQFEQLSGSI	485	0
>BRAFS614SHQFEQLSGSI	111	>BRAFS614SHQFEQLSGSI	111	0
>BRAFS616FSILWMAPEV	20	>BRAFS616FILWMAPEV	7	13
>BRAFS616FSILWMAPEVI	368	>BRAFS616FILWMAPEVI	55	313
>BRAFS616FSILWMAPEV	943	>BRAFS616FILWMAPEV	35	908
>BRAFS616FSILWMAPEVI	856	>BRAFS616FILWMAPEVI	190	666
>BRAFS616FSILWMAPEV	176	>BRAFS616FILWMAPEV	17	159
>BRAFS616FSILWMAPEVI	378	>BRAFS616FILWMAPEVI	134	244
>BRAFS616FSILWMAPEV	10	>BRAFS616FILWMAPEV	3	7
>BRAFS616FSILWMAPEVI	367	>BRAFS616FILWMAPEVI	71	296
>BRAFS616FSILWMAPEV	3	>BRAFS616FILWMAPEV	2	1
>BRAFS616FSILWMAPEVI	28	>BRAFS616FILWMAPEVI	6	22
>BRAFS616FSILWMAPEV	155	>BRAFS616FILWMAPEV	20	135
>BRAFS616FSILWMAPEVI	2725	>BRAFS616FILWMAPEVI	276	2449
>BRAFS616FSILWMAPEV	5	>BRAFS616FILWMAPEV	4	1
>BRAFS616FSILWMAPEVI	67	>BRAFS616FILWMAPEVI	28	39
>BRAFS616FSILWMAPEV	15	>BRAFS616FILWMAPEV	2	13
>BRAFS616FSILWMAPEVI	1105	>BRAFS616FILWMAPEVI	30	1075
>BRAFS616FSILWMAPEV	3	>BRAFS616FILWMAPEV	2	1
>BRAFS616FSILWMAPEVI	314	>BRAFS616FILWMAPEVI	32	282
>BRAFS616FSILWMAPEVI	157	>BRAFS616FILWMAPEVI	2290	2133
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>BRAFS616FSILWMAPEVI	52	>BRAFS616FILWMAPEVI	491	439
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>BRAFS616FSILWMAPEVI	175	>BRAFS616FILWMAPEVI	63	112
>BRAFS616FSILWMAPEVI	84	>BRAFS616FILWMAPEVI	134	50
>BRAFS616FGSILWMAPE'	412	>BRAFS616FGFILWMAPE'	2050	1638
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>BRAFS616FGSILWMAPE'	8442	>BRAFS616FGFILWMAPE'	177	8265
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>BRAFS616FGSILWMAPI	1623	>BRAFS616SGFILWMAPI	285	1338
>BRAFS616FGSILWMAPI	3362	>BRAFS616SGFILWMAPI	379	2983
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>BRAFS616FLSGSILWM	140	>BRAFS616FLSGFILWM	123	17
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>BRAFS616FLSGSILWM/	71	>BRAFS616FLSGFILWM/	40	31
>BRAFS616FLSGSILWM	51	>BRAFS616FLSGFILWM	31	20
>BRAFS616FLSGSILWM/	31	>BRAFS616FLSGFILWM/	20	11
>BRAFS616FLSGSILWM	231	>BRAFS616FLSGFILWM	218	13
>BRAFS616FLSGSILWM/	89	>BRAFS616FLSGFILWM/	60	29
>BRAFS616FLSGSILWM/	156	>BRAFS616FLSGFILWM/	97	59
>BRAFS616FLSGSILWM	335	>BRAFS616FLSGFILWM	78	257
>BRAFS616FLSGSILWM/	27	>BRAFS616FLSGFILWM/	14	13
>BRAFS616FLSGSILWM/	413	>BRAFS616FLSGFILWM/	396	17
>BRAFS616FLSGSILWM/	82	>BRAFS616FLSGFILWM/	82	0
>BRAFS616FLSGSILWM/	102	>BRAFS616FLSGFILWM/	93	9
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>BRAFS616FFEQLSGSILW	508	>BRAFS616FFEQLSGFILW	251	257
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>BRAFS616FSILWMAPEV	10	>BRAFS616FPILWMAPEV	632	622
>BRAFS616FSILWMAPEVI	367	>BRAFS616FPILWMAPEVI	12893	12526
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>BRAFS616F GSILWMAPE'	336	>BRAFS616F GPILWMAPE'	22336	22000
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>BRAFS616F QLSGSILWM,	156	>BRAFS616F QLSGPILWM,	171	15
>BRAFS616F QLSGSILWM	335	>BRAFS616F QLSGPILWM	127	208
>BRAFS616F QLSGSILWM,	27	>BRAFS616F QLSGPILWM,	15	12
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>BRAFS616F QLSGSILWM,	82	>BRAFS616F QLSGPILWM,	97	15
>BRAFS616F QLSGSILWM,	102	>BRAFS616F QLSGPILWM,	135	33
>BRAFS616F QLSGSILWM	17	>BRAFS616F QLSGPILWM	31	14

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>BRAFS616FQLSGSILW	207	>BRAFS616FQLSGPILW	355	148
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>BRAFT310IETALTSGSS	288	>BRAFT310IEIALTSGSS	2200	1912
>BRAFT310IETALTSGSSPS	53	>BRAFT310IEIALTSGSSPS	420	367
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>BRAFT310IAETALTSGS	1098	>BRAFT310IAEIALTSGS	384	714
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>BRAFT310IAETALTSGSS	207	>BRAFT310IAEIALTSGSS	88	119
>BRAFT310IAETALTSGS	337	>BRAFT310IAEIALTSGS	70	267
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>BRAFT310ISLAETALT	253	>BRAFT310ISLAEIALT	95	158
>BRAFT310ISLAETALT	55	>BRAFT310ISLAEIALT	12	43
>BRAFT310ISLAETALTS	2136	>BRAFT310ISLAEIALTS	224	1912
>BRAFT310ISLAETALTSG	289	>BRAFT310ISLAEIALTSGS	56	233
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>BRAFT310ISLAETALT	686	>BRAFT310ISLAEIALT	314	372
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>BRAFT310ISLAETALTS	212	>BRAFT310ISLAEIALTS	229	17
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>BRAFT310ISLAETALTS	204	>BRAFT310ISLAEIALTS	231	27
>BRAFT310ISLAETALTSG	370	>BRAFT310ISLAEIALTSGS	407	37
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>BRAFT310ISLAETALTS	157	>BRAFT310ISLAEIALTS	144	13
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>BRAFF-T310I EASLAETAL	85	>BRAFF-T310I EASLAEIAL	54	31
>BRAFF-T310I EEASLAET	9661	>BRAFF-T310I EEASLAEI	479	9182
>BRAFF-T310I EEASLAETAL	358	>BRAFF-T310I EEASLAEIAL	539	181
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>BRAFF-T310I EEASLAET	10982	>BRAFF-T310I EEASLAEI	302	10680
>BRAFF-T310I EEASLAETAL	160	>BRAFF-T310I EEASLAEIAL	232	72
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>BRAFF-T310I QEEASLAETA	823	>BRAFF-T310I QEEASLAEIAL	350	473
>BRAFF-T310I QEEASLAET	9197	>BRAFF-T310I QEEASLAEI	76	9121
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>BRAFF-T310I QEEASLAETA	435	>BRAFF-T310I QEEASLAEIA	1098	663
>BRAFF-T310I QEEASLAET	73	>BRAFF-T310I QEEASLAEI	192	119
>BRAFF-T310I QEEASLAETA	20	>BRAFF-T310I QEEASLAEIA	40	20
>BRAFF-T310I QEEASLAETA	539	>BRAFF-T310I QEEASLAEIAL	306	233
>BRAFF-T310I QEEASLAET	1458	>BRAFF-T310I QEEASLAEI	15	1443
>BRAFF-T310I QEEASLAETA	337	>BRAFF-T310I QEEASLAEIAL	324	13
>BRAFF-T440F RMKTLGRR	554	>BRAFF-T440F RMKPLGRR	491	63
>BRAFF-T440F RMKTLGRR	285	>BRAFF-T440F RMKPLGRR	263	22
>BRAFF-T440F RMKTLGRRD	689	>BRAFF-T440F RMKPLGRRD	479	210
>BRAFF-T440F RMKTLGRR	7	>BRAFF-T440F RMKPLGRR	8	1
>BRAFF-T440F RMKTLGRR	72	>BRAFF-T440F RMKPLGRR	101	29
>BRAFF-T440F NRMKTLGR	108	>BRAFF-T440F NRMKPLGR	190	82
>BRAFF-T440F NRMKTLGRR	104	>BRAFF-T440F NRMKPLGRR	313	209
>BRAFF-T440F NRMKTLGR	355	>BRAFF-T440F NRMKPLGR	607	252
>BRAFF-T440F RNRMKTLG	656	>BRAFF-T440F RNRMKPLG	155	501
>BRAFF-T440F RNRMKTLGR	70	>BRAFF-T440F RNRMKPLGR	111	41
>BRAFF-T440F RNRMKTLGR	146	>BRAFF-T440F RNRMKPLGR	330	184
>BRAFF-T440F RNRMKTLGR	254	>BRAFF-T440F RNRMKPLGR	765	511
>BRAFF-T440F RNRMKTLGR	331	>BRAFF-T440F RNRMKPLGR	1390	1059
>BRAFF-T440F RNRMKTLGR	139	>BRAFF-T440F RNRMKPLGR	228	89
>BRAFF-T440F EDNRMKTL	259	>BRAFF-T440F EDNRMKPL	196	63
>BRAFF-T440F SEDNRMKT	206	>BRAFF-T440F SEDNRMKP	150	56

>BRAFF-T440F SEDRNRMKT	196	>BRAFF-T440F SEDRNRMKP	203	7
>BRAFF-T440F SEDRNRMKT	192	>BRAFF-T440F SEDRNRMKP	229	37
>BRAFF-T440F SSEDNRNMK'	36	>BRAFF-T440F SSEDNRNMK	51	15
>BRAFF-T440F SSEDNRNMK'	311	>BRAFF-T440F SSEDNRNMK	2023	1712
>BRAFF-T529/ TQWCEGSSL	213	>BRAFF-T529/ AQWCEGSSL	87	126
>BRAFF-T529/ TQWCEGSSL	1812	>BRAFF-T529/ AQWCEGSSL	477	1335
>BRAFF-T529/ TQWCEGSSL	871	>BRAFF-T529/ AQWCEGSSL	267	604
>BRAFF-T529/ TQWCEGSSL'	481	>BRAFF-T529/ AQWCEGSSL'	436	45
>BRAFF-T529/ TQWCEGSSL'	59	>BRAFF-T529/ AQWCEGSSL'	48	11
>BRAFF-T529/ TQWCEGSSL	293	>BRAFF-T529/ AQWCEGSSL	117	176
>BRAFF-T529/ TQWCEGSSL'	74	>BRAFF-T529/ AQWCEGSSL'	53	21
>BRAFF-T529/ TQWCEGSSL'	53	>BRAFF-T529/ AQWCEGSSL'	85	32
>BRAFF-T529/ TQWCEGSSL	8	>BRAFF-T529/ AQWCEGSSL	3	5
>BRAFF-T529/ TQWCEGSSL'	8	>BRAFF-T529/ AQWCEGSSL'	5	3
>BRAFF-T529/ TQWCEGSSL'	87	>BRAFF-T529/ AQWCEGSSL'	31	56
>BRAFF-T529/ TQWCEGSSL	308	>BRAFF-T529/ AQWCEGSSL	1230	922
>BRAFF-T529/ TQWCEGSSL	563	>BRAFF-T529/ AQWCEGSSL	415	148
>BRAFF-T529/ VTQWCEGSS	187	>BRAFF-T529/ VAQWCEGSS	6970	6783
>BRAFF-T529/ VTQWCEGSS	268	>BRAFF-T529/ VAQWCEGSS	2361	2093
>BRAFF-T529/ VTQWCEGSS	53	>BRAFF-T529/ VAQWCEGSS	300	247
>BRAFF-T529/ VTQWCEGSS	8	>BRAFF-T529/ VAQWCEGSS	14	6
>BRAFF-T529/ VTQWCEGSS	307	>BRAFF-T529/ VAQWCEGSS	2585	2278
>BRAFF-T529/ VTQWCEGSS	37	>BRAFF-T529/ VAQWCEGSS	441	404
>BRAFF-T529/ VTQWCEGSS	12	>BRAFF-T529/ VAQWCEGSS	105	93
>BRAFF-T529/ VTQWCEGSS	1578	>BRAFF-T529/ VAQWCEGSS	92	1486
>BRAFF-T529/ VTQWCEGSS	79	>BRAFF-T529/ VAQWCEGSS	4695	4616
>BRAFF-T529/ VTQWCEGSS	4	>BRAFF-T529/ VAQWCEGSS	22	18
>BRAFF-T529/ VTQWCEGSS	274	>BRAFF-T529/ VAQWCEGSS	784	510
>BRAFF-T529/ VTQWCEGSS	60	>BRAFF-T529/ VAQWCEGSS	250	190
>BRAFF-T529/ IVTQWCEGS'	1579	>BRAFF-T529/ IVAQWCEGS'	139	1440
>BRAFF-T529/ IVTQWCEGS'	1609	>BRAFF-T529/ IVAQWCEGS'	227	1382
>BRAFF-T529/ IVTQWCEGS'	515	>BRAFF-T529/ IVAQWCEGS'	203	312
>BRAFF-T529/ IVTQWCEGS'	148	>BRAFF-T529/ IVAQWCEGS'	132	16
>BRAFF-T529/ IVTQWCEGS'	74	>BRAFF-T529/ IVAQWCEGS'	73	1
>BRAFF-T529/ QLAIVTQWC	398	>BRAFF-T529/ QLAIVAQWC	722	324
>BRAFF-T529/ QLAIVTQWC	119	>BRAFF-T529/ QLAIVAQWC	246	127
>BRAFF-T529/ QLAIVTQW	690	>BRAFF-T529/ QLAIVAQW	352	338
>BRAFF-T529/ QLAIVTQW	83	>BRAFF-T529/ QLAIVAQW	72	11
>BRAFF-T529/ PQLAIVTQW	662	>BRAFF-T529/ PQLAIVAQW	340	322
>BRAFF-T529/ KPQLAIVTQW	488	>BRAFF-T529/ KPQLAIVAQV	657	169
>BRAFF-T529/ KPQLAIVTQW	16	>BRAFF-T529/ KPQLAIVAQV	14	2
>BRAFF-T529/ STKPQLAIVT	355	>BRAFF-T529/ STKPQLAIVA	17	338
>BRAFF-T529/ STKPQLAIVTC	88	>BRAFF-T529/ STKPQLAIVAI	88	0

>BRAFF-T589I TVKIGDFGL	1338	>BRAFF-T589I IVKIGDFGL	148	1190
>BRAFF-T589I LTVKIGDFGL	537	>BRAFF-T589I LIVKIGDFGL	263	274
>BRAFF-T589I LTVKIGDFGL/	2158	>BRAFF-T589I LIVKIGDFGLA	484	1674
>BRAFF-T589I LTVKIGDFGL	354	>BRAFF-T589I LIVKIGDFGL	320	34
>BRAFF-T589I LTVKIGDFGL/	986	>BRAFF-T589I LIVKIGDFGLA	338	648
>BRAFF-T589I LTVKIGDFGL	6154	>BRAFF-T589I LIVKIGDFGL	214	5940
>BRAFF-T589I LTVKIGDF	154	>BRAFF-T589I LIVKIGDF	1229	1075
>BRAFF-T589I LTVKIGDFGL/	229	>BRAFF-T589I LIVKIGDFGLA	1510	1281
>BRAFF-T589I LTVKIGDF	13	>BRAFF-T589I LIVKIGDF	3964	3951
>BRAFF-T589I LTVKIGDFGL	24	>BRAFF-T589I LIVKIGDFGL	4116	4092
>BRAFF-T589I LTVKIGDFGL	424	>BRAFF-T589I LIVKIGDFGL	15480	15056
>BRAFF-T589I LTVKIGDF	118	>BRAFF-T589I LIVKIGDF	3210	3092
>BRAFF-T589I LTVKIGDFGL/	380	>BRAFF-T589I LIVKIGDFGLA	8842	8462
>BRAFF-T589I SNNIFLHEDLI	19260	>BRAFF-T589I SNNIFLHEDLI	218	19042
>BRAFF-T589I DLTVKIGDFG	205	>BRAFF-T589I DLIVKIGDFGL	260	55
>BRAFF-T589I DLTVKIGDF	6031	>BRAFF-T589I DLIVKIGDF	300	5731
>BRAFF-T589I HEDLTVKI	12	>BRAFF-T589I HEDLIVKI	15	3
>BRAFF-T589I HEDLTVKI	114	>BRAFF-T589I HEDLIVKI	99	15
>BRAFF-T589I HEDLTVKI	157	>BRAFF-T589I HEDLIVKI	33	124
>BRAFF-T589I HEDLTVKIGD	888	>BRAFF-T589I HEDLIVKIGDF	445	443
>BRAFF-T589I FLHEDLTV	9	>BRAFF-T589I FLHEDLIV	12	3
>BRAFF-T589I FLHEDLTVKI	66	>BRAFF-T589I FLHEDLIVKI	39	27
>BRAFF-T589I FLHEDLTV	6	>BRAFF-T589I FLHEDLIV	7	1
>BRAFF-T589I FLHEDLTVKI	14	>BRAFF-T589I FLHEDLIVKI	15	1
>BRAFF-T589I FLHEDLTV	3	>BRAFF-T589I FLHEDLIV	3	0
>BRAFF-T589I FLHEDLTVK	332	>BRAFF-T589I FLHEDLIVK	1987	1655
>BRAFF-T589I FLHEDLTVKI	24	>BRAFF-T589I FLHEDLIVKI	24	0
>BRAFF-T589I FLHEDLTVKIG	334	>BRAFF-T589I FLHEDLIVKIG	496	162
>BRAFF-T589I FLHEDLTV	7	>BRAFF-T589I FLHEDLIV	8	1
>BRAFF-T589I FLHEDLTVKI	101	>BRAFF-T589I FLHEDLIVKI	72	29
>BRAFF-T589I FLHEDLTV	1	>BRAFF-T589I FLHEDLIV	2	1
>BRAFF-T589I FLHEDLTVK	368	>BRAFF-T589I FLHEDLIVK	165	203
>BRAFF-T589I FLHEDLTVKI	2	>BRAFF-T589I FLHEDLIVKI	2	0
>BRAFF-T589I FLHEDLTV	3	>BRAFF-T589I FLHEDLIV	3	0
>BRAFF-T589I FLHEDLTVKI	4	>BRAFF-T589I FLHEDLIVKI	4	0
>BRAFF-T589I FLHEDLTV	4	>BRAFF-T589I FLHEDLIV	5	1
>BRAFF-T589I FLHEDLTVKI	7	>BRAFF-T589I FLHEDLIVKI	6	1
>BRAFF-T589I FLHEDLTV	6	>BRAFF-T589I FLHEDLIV	12	6
>BRAFF-T589I FLHEDLTVKI	13	>BRAFF-T589I FLHEDLIVKI	11	2
>BRAFF-T589I FLHEDLTV	1	>BRAFF-T589I FLHEDLIV	2	1
>BRAFF-T589I FLHEDLTVK	39	>BRAFF-T589I FLHEDLIVK	51	12
>BRAFF-T589I FLHEDLTVKI	2	>BRAFF-T589I FLHEDLIVKI	2	0
>BRAFF-T589I FLHEDLTVKI	414	>BRAFF-T589I FLHEDLIVKI	259	155



>BRAFF-T589I IFLHEDLT	16706	>BRAFF-T589I IFLHEDLI	171	16535
>BRAFF-T589I IFLHEDLTVKI	68	>BRAFF-T589I IFLHEDLIVKI	84	16
>BRAFF-T589I IFLHEDLT	11990	>BRAFF-T589I IFLHEDLI	404	11586
>BRAFF-T589I IFLHEDLTVKI	91	>BRAFF-T589I IFLHEDLIVKI	120	29
>BRAFF-T589I NIFLHEDLTV	106	>BRAFF-T589I NIFLHEDLIV	384	278
>BRAFF-T589I NIFLHEDLT	5462	>BRAFF-T589I NIFLHEDLI	397	5065
>BRAFF-T589I NIFLHEDLTV	125	>BRAFF-T589I NIFLHEDLIV	339	214
>BRAFF-T589I NIFLHEDLTV	99	>BRAFF-T589I NIFLHEDLIV	285	186
>BRAFF-T589I NIFLHEDLTV	155	>BRAFF-T589I NIFLHEDLIV	351	196
>BRAFF-T589I NIFLHEDLTV	353	>BRAFF-T589I NIFLHEDLIV	2313	1960
>BRAFF-T589I NIFLHEDLTV	473	>BRAFF-T589I NIFLHEDLIV	1658	1185
>BRAFF-T589I NIFLHEDLTV	225	>BRAFF-T589I NIFLHEDLIV	741	516
>BRAFF-T589I NIFLHEDLTVI	333	>BRAFF-T589I NIFLHEDLIVK	146	187
>BRAFF-T589I NIFLHEDLTVI	61	>BRAFF-T589I NIFLHEDLIVK	58	3
>BRAFF-T599I ATVKSRRWSG	451	>BRAFF-T599I AIVKSRRWSGS	9695	9244
>BRAFF-T599I TVKIGDFGLA	5285	>BRAFF-T599I TVKIGDFGLA	479	4806
>BRAFF-T599I LATVKSRRW	36	>BRAFF-T599I LAIVKSRRW	9	27
>BRAFF-T599I LATVKSRRW	86	>BRAFF-T599I LAIVKSRRW	64	22
>BRAFF-T599I LATVKSRRW	73	>BRAFF-T599I LAIVKSRRW	48	25
>BRAFF-T599I LATVKSRRW	22	>BRAFF-T599I LAIVKSRRW	16	6
>BRAFF-T599I LATVKSRRW	172	>BRAFF-T599I LAIVKSRRW	95	77
>BRAFF-T599I LATVKSRRW	130	>BRAFF-T599I LAIVKSRRW	497	367
>BRAFF-T599I GLATVKSRR	697	>BRAFF-T599I GLAIVKSRR	476	221
>BRAFF-T599I GLATVKSRRW	242	>BRAFF-T599I GLAIVKSRRW	473	231
>BRAFF-T599I FGLATVKSRRM	98	>BRAFF-T599I FGLAIVKSRRW	236	138
>BRAFF-T599I FGLATVKSRRM	499	>BRAFF-T599I FGLAIVKSRRW	478	21
>BRAFF-T599I FGLATVKSRRM	45	>BRAFF-T599I FGLAIVKSRRW	66	21
>BRAFF-T599I FGLATVKSRRM	215	>BRAFF-T599I FGLAIVKSRRW	174	41
>BRAFF-T599I FGLATVKSRR	756	>BRAFF-T599I FGLAIVKSRR	453	303
>BRAFF-T599I DFGLATVKSRR	205	>BRAFF-T599I DFGLAIVKSRR	89	116
>BRAFF-T599I DFGLATVKSRR	246	>BRAFF-T599I DFGLAIVKSRR	243	3
>BRAFF-T599I GDFGLATV	393	>BRAFF-T599I GDFGLAIV	459	66
>BRAFF-T599I GDFGLATV	227	>BRAFF-T599I GDFGLAIV	259	32
>BRAFF-T599I IGDFGLATV	253	>BRAFF-T599I IGDFGLAIV	1850	1597
>BRAFF-T599I KIGDFGLAT	6866	>BRAFF-T599I KIGDFGLAIV	451	6415
>BRAFF-T599I KIGDFGLATV	53	>BRAFF-T599I KIGDFGLAIV	163	110
>BRAFF-T599I KIGDFGLATV	34	>BRAFF-T599I KIGDFGLAIV	96	62
>BRAFF-T599I KIGDFGLATV	12	>BRAFF-T599I KIGDFGLAIV	24	12
>BRAFF-T599I KIGDFGLAT	2273	>BRAFF-T599I KIGDFGLAIV	123	2150
>BRAFF-T599I KIGDFGLATV	59	>BRAFF-T599I KIGDFGLAIV	118	59
>BRAFF-T599I KIGDFGLAT	1206	>BRAFF-T599I KIGDFGLAIV	44	1162
>BRAFF-T599I KIGDFGLATV	4	>BRAFF-T599I KIGDFGLAIV	16	12
>BRAFF-T599I KIGDFGLATV	15	>BRAFF-T599I KIGDFGLAIV	37	22

>BRAFF-T599I KIGDFGLATV	16	>BRAFF-T599I KIGDFGLAIV	37	21
>BRAFF-T599I KIGDFGLATV	30	>BRAFF-T599I KIGDFGLAIV	96	66
>BRAFF-T599I KIGDFGLATV	4	>BRAFF-T599I KIGDFGLAIV	7	3
>BRAFF-T599I KIGDFGLATV	129	>BRAFF-T599I KIGDFGLAIVk	112	17
>BRAFF-T599I KIGDFGLATV	57	>BRAFF-T599I KIGDFGLAIVk	30	27
>BRAFF-T599I KIGDFGLATV	563	>BRAFF-T599I KIGDFGLAIVk	107	456
>BRAFF-T599I KIGDFGLAT	4470	>BRAFF-T599I KIGDFGLAI	39	4431
>BRAFF-T599I KIGDFGLATV	132	>BRAFF-T599I KIGDFGLAIVk	68	64
>BRAFF-T599I VKIGDFGLAT	144	>BRAFF-T599I VKIGDFGLAI	642	498
>BRAFF-T599I VKIGDFGLAT	2739	>BRAFF-T599I VKIGDFGLAI	142	2597
>BRAFF-T599IATVKSRWSG:	451	>BRAFF-T599IATVKSRWSG:	451	0
>BRAFF-T599I LATVKSRW	36	>BRAFF-T599I LATVKSRW	36	0
>BRAFF-T599I LATVKSRW	86	>BRAFF-T599I LATVKSRW	86	0
>BRAFF-T599I LATVKSRW	73	>BRAFF-T599I LATVKSRW	73	0
>BRAFF-T599I LATVKSRW	22	>BRAFF-T599I LATVKSRW	22	0
>BRAFF-T599I LATVKSRW	172	>BRAFF-T599I LATVKSRW	172	0
>BRAFF-T599I LATVKSRW	130	>BRAFF-T599I LATVKSRW	130	0
>BRAFF-T599I FGLATVKSRW	98	>BRAFF-T599I FGLATVKSRW	98	0
>BRAFF-T599I FGLATVKSRW	499	>BRAFF-T599I FGLATVKSRW	499	0
>BRAFF-T599I FGLATVKSRW	45	>BRAFF-T599I FGLATVKSRW	45	0
>BRAFF-T599I FGLATVKSRW	215	>BRAFF-T599I FGLATVKSRW	215	0
>BRAFF-T599I DFGLATVKSR	205	>BRAFF-T599I DFGLATVKSR	205	0
>BRAFF-T599I DFGLATVKSR	246	>BRAFF-T599I DFGLATVKSR	246	0
>BRAFF-T599I GDFGLATV	393	>BRAFF-T599I GDFGLATV	393	0
>BRAFF-T599I GDFGLATV	227	>BRAFF-T599I GDFGLATV	227	0
>BRAFF-T599I KIGDFGLATV	53	>BRAFF-T599I KIGDFGLATV	53	0
>BRAFF-T599I KIGDFGLATV	34	>BRAFF-T599I KIGDFGLATV	34	0
>BRAFF-T599I KIGDFGLATV	12	>BRAFF-T599I KIGDFGLATV	12	0
>BRAFF-T599I KIGDFGLATV	59	>BRAFF-T599I KIGDFGLATV	59	0
>BRAFF-T599I KIGDFGLATV	4	>BRAFF-T599I KIGDFGLATV	4	0
>BRAFF-T599I KIGDFGLATV	15	>BRAFF-T599I KIGDFGLATV	15	0
>BRAFF-T599I KIGDFGLATV	16	>BRAFF-T599I KIGDFGLATV	16	0
>BRAFF-T599I KIGDFGLATV	30	>BRAFF-T599I KIGDFGLATV	30	0
>BRAFF-T599I KIGDFGLATV	4	>BRAFF-T599I KIGDFGLATV	4	0
>BRAFF-T599I KIGDFGLATV	129	>BRAFF-T599I KIGDFGLATV	129	0
>BRAFF-T599I KIGDFGLATV	57	>BRAFF-T599I KIGDFGLATV	57	0
>BRAFF-T599I KIGDFGLATV	132	>BRAFF-T599I KIGDFGLATV	132	0
>BRAFF-T599I VKIGDFGLAT	144	>BRAFF-T599I VKIGDFGLAT	144	0
>BRAFF-V459I VGQRIGSGSF	498	>BRAFF-V459I LGQRIGSGSF	164	334
>BRAFF-V459I VGQRIGSGSF	74	>BRAFF-V459I LGQRIGSGSF	36	38
>BRAFF-V459I TVGQRIGSGS	183	>BRAFF-V459I TLGQRIGSGS	74	109
>BRAFF-V459I TVGQRIGSGS	1442	>BRAFF-V459I TLGQRIGSGS	208	1234
>BRAFF-V459I GQITVGQRI	414	>BRAFF-V459I GQITLGQRI	860	446

>BRAFF-V459I GQITVGQR	422	>BRAFF-V459I GQITLGQR	366	56
>BRAFF-V459I GQITVGQRI	513	>BRAFF-V459I GQITLGQRI	413	100
>BRAFF-V459I IPDGQITV	350	>BRAFF-V459I IPDGQITL	65	285
>BRAFF-V459I IPDGQITV	1997	>BRAFF-V459I IPDGQITL	264	1733
>BRAFF-V459I IPDGQITV	2172	>BRAFF-V459I IPDGQITL	243	1929
>BRAFF-V459I IPDGQITV	5793	>BRAFF-V459I IPDGQITL	497	5296
>BRAFF-V459I IPDGQITV	553	>BRAFF-V459I IPDGQITL	171	382
>BRAFF-V459I EIPDGQITV	491	>BRAFF-V459I EIPDGQITL	3962	3471
>BRAFF-V459I EIPDGQITV	72	>BRAFF-V459I EIPDGQITL	1170	1098
>BRAFF-V459I EIPDGQITV	74	>BRAFF-V459I EIPDGQITL	1785	1711
>BRAFF-V459I EIPDGQITV	141	>BRAFF-V459I EIPDGQITL	2624	2483
>BRAFF-V459I EIPDGQITV	6	>BRAFF-V459I EIPDGQITL	73	67
>BRAFF-V459I EIPDGQITV	1140	>BRAFF-V459I EIPDGQITL	359	781
>BRAFF-V459I EIPDGQITV	22	>BRAFF-V459I EIPDGQITL	117	95
>BRAFF-V459I EIPDGQITV	37	>BRAFF-V459I EIPDGQITL	681	644
>BRAFF-V459I WEIPDGQITV	1067	>BRAFF-V459I WEIPDGQITL	79	988
>BRAFF-V459I WEIPDGQITV	1311	>BRAFF-V459I WEIPDGQITL	340	971
>BRAFF-V459I WEIPDGQITV	611	>BRAFF-V459I WEIPDGQITL	287	324
>BRAFF-V459I WEIPDGQITV	18	>BRAFF-V459I WEIPDGQITL	15	3
>BRAFF-V471F VYK GKWHGC	2071	>BRAFF-V471F FYK GKWHGC	325	1746
>BRAFF-V471F VYK GKWHGC	2379	>BRAFF-V471F FYK GKWHGC	498	1881
>BRAFF-V471F TVYK GKWHG	418	>BRAFF-V471F TFYK GKWHG	10991	10573
>BRAFF-V471F TVYK GKWHG	239	>BRAFF-V471F TFYK GKWHG	2893	2654
>BRAFF-V471F TVYK GKWHG	266	>BRAFF-V471F TFYK GKWHG	2343	2077
>BRAFF-V471F TVYK GKWHG	62	>BRAFF-V471F TFYK GKWHG	1799	1737
>BRAFF-V471F TVYK GKWHG	109	>BRAFF-V471F TFYK GKWHG	12082	11973
>BRAFF-V471F TVYK GKWHG	40	>BRAFF-V471F TFYK GKWHG	5065	5025
>BRAFF-V471F QRIGSGSFGT	804	>BRAFF-V471F QRIGSGSFGT	39	765
>BRAFF-V471F QRIGSGSFGT	521	>BRAFF-V471F QRIGSGSFGT	196	325
>BRAFF-V471F QRIGSGSFGT	1501	>BRAFF-V471F QRIGSGSFGT	416	1085
>BRAFF-V471F GTVYK GKW	13	>BRAFF-V471F GTFYK GKW	15	2
>BRAFF-V471F GTVYK GKW	199	>BRAFF-V471F GTFYK GKW	78	121
>BRAFF-V471F GTVYK GKW	766	>BRAFF-V471F GTFYK GKW	483	283
>BRAFF-V471F GTVYK GKWH	177	>BRAFF-V471F GTFYK GKWH	37	140
>BRAFF-V471F FGTVYK GKW	51	>BRAFF-V471F FGTFYK GKW	89	38
>BRAFF-V471F SFGTVYK GKV	365	>BRAFF-V471F SFGTFYK GKV	431	66
>BRAFF-V471F SFGTVYK GK	1179	>BRAFF-V471F SFGTFYK GK	92	1087
>BRAFF-V471F GSFGTVYK	62	>BRAFF-V471F GSFGTFYK	47	15
>BRAFF-V471F GSFGTVYK GK	119	>BRAFF-V471F GSFGTFYK GK	139	20
>BRAFF-V471F GSFGTVYK	6	>BRAFF-V471F GSFGTFYK	5	1
>BRAFF-V471F GSFGTVYK GK	39	>BRAFF-V471F GSFGTFYK GK	44	5
>BRAFF-V471F GSFGTVYK	37	>BRAFF-V471F GSFGTFYK	32	5
>BRAFF-V471F GSFGTVYK GK	338	>BRAFF-V471F GSFGTFYK GK	196	142

>BRAFF-V471F GSFSGTVYK	89	>BRAFF-V471F GSFSGTFYK	23	66
>BRAFF-V471F GSFSGTVYK	25	>BRAFF-V471F GSFSGTFYK	17	8
>BRAFF-V471F GSFSGTVYKGG	9	>BRAFF-V471F GSFSGTFYKGG	12	3
>BRAFF-V471F GSFSGTVYKGG	40	>BRAFF-V471F GSFSGTFYKGG	47	7
>BRAFF-V471F GSFSGTVYKGG	29	>BRAFF-V471F GSFSGTFYKGG	40	11
>BRAFF-V471F GSFSGTVYKGG	90	>BRAFF-V471F GSFSGTFYKGG	49	41
>BRAFF-V471F GSFSGTVYKGG	103	>BRAFF-V471F GSFSGTFYKGG	70	33
>BRAFF-V471F GSFSGTVYK	74	>BRAFF-V471F GSFSGTFYK	52	22
>BRAFF-V471F GSFSGTVYKGG	141	>BRAFF-V471F GSFSGTFYKGG	71	70
>BRAFF-V471F GSGFSGTVYK	540	>BRAFF-V471F GSGFSGTFYK	293	247
>BRAFF-V471F GSGFSGTVYK	41	>BRAFF-V471F GSGFSGTFYK	14	27
>BRAFF-V471F GSGFSGTVYKGG	638	>BRAFF-V471F GSGFSGTFYKGG	318	320
>BRAFF-V471F GSGFSGTVY	910	>BRAFF-V471F GSGFSGTFY	132	778
>BRAFF-V471F GSGFSGTVYK	331	>BRAFF-V471F GSGFSGTFYK	288	43
>BRAFF-V471F GSGFSGTVY	89	>BRAFF-V471F GSGFSGTFY	36	53
>BRAFF-V471F GSGFSGTVYK	2906	>BRAFF-V471F GSGFSGTFYK	475	2431
>BRAFF-V471F GSGFSGTVYK	290	>BRAFF-V471F GSGFSGTFYK	136	154
>BRAFF-V471F GSGFSGTVY	2875	>BRAFF-V471F GSGFSGTFY	399	2476
>BRAFF-V471F GSGFSGTVY	226	>BRAFF-V471F GSGFSGTFY	919	693
>BRAFF-V471F GSGFSGTVYK	438	>BRAFF-V471F GSGFSGTFYK	202	236
>BRAFF-V471F GSGSFGTVYK	46	>BRAFF-V471F GSGSFGTFYK	54	8
>BRAFF-V471F GSGSFGTVY	4344	>BRAFF-V471F GSGSFGTFY	427	3917
>BRAFF-V471F GSGSFGTVYK	25	>BRAFF-V471F GSGSFGTFYK	17	8
>BRAFF-V471F GSGSFGTVY	584	>BRAFF-V471F GSGSFGTFY	77	507
>BRAFF-V471F GSGSFGTVY	172	>BRAFF-V471F GSGSFGTFY	72	100
>BRAFF-V471F GSGSFGTVYK	212	>BRAFF-V471F GSGSFGTFYK	156	56
>BRAFF-V471F GSGSFGTV	10604	>BRAFF-V471F GSGSFGTF	259	10345
>BRAFF-V471F GSGSFGTVY	86	>BRAFF-V471F GSGSFGTFY	434	348
>BRAFF-V471F GSGSFGTV	8202	>BRAFF-V471F GSGSFGTF	417	7785
>BRAFF-V471F GSGSFGTVY	197	>BRAFF-V471F GSGSFGTFY	480	283
>BRAFF-V471F GSGSFGTV	13346	>BRAFF-V471F GSGSFGTF	60	13286
>BRAFF-V471F GSGSFGTVY	154	>BRAFF-V471F GSGSFGTFY	218	64
>BRAFF-V471F GSGSFGTV	6073	>BRAFF-V471F GSGSFGTF	315	5758
>BRAFF-V471F GSGSFGTVY	4	>BRAFF-V471F GSGSFGTFY	5	1
>BRAFF-V471F GSGSFGTVYK	1953	>BRAFF-V471F GSGSFGTFYK	498	1455
>BRAFF-V471F GSGSFGTVYK	241	>BRAFF-V471F GSGSFGTFYK	159	82
>BRAFF-V471F IGSGSFGTVYI	304	>BRAFF-V471F IGSGSFGTFYI	221	83
>BRAFF-V471F IGSGSFGTVYI	214	>BRAFF-V471F IGSGSFGTFYI	84	130
>BRAFF-V471F IGSGSFGTVY	96	>BRAFF-V471F IGSGSFGTFY	37	59
>BRAFF-V471F IGSGSFGTVY	370	>BRAFF-V471F IGSGSFGTFY	87	283
>BRAFF-V471F IGSGSFGTVYI	762	>BRAFF-V471F IGSGSFGTFYI	443	319
>BRAFF-V471F IGSGSFGTV	11441	>BRAFF-V471F IGSGSFGTF	290	11151
>BRAFF-V471F IGSGSFGTVY	146	>BRAFF-V471F IGSGSFGTFY	474	328

>BRAFF-V471F IGSGSFGTV	14509	>BRAFF-V471F IGSGSFGTF	291	14218
>BRAFF-V471F IGSGSFGTV	1320	>BRAFF-V471F IGSGSFGTF	67	1253
>BRAFF-V471F IGSGSFGTVY	611	>BRAFF-V471F IGSGSFGTFY	243	368
>BRAFF-V471F RIGSGSFGTV	163	>BRAFF-V471F RIGSGSFGTF	13254	13091
>BRAFF-V471F RIGSGSFGTV	31	>BRAFF-V471F RIGSGSFGTF	12565	12534
>BRAFF-V471F RIGSGSFGTV	19	>BRAFF-V471F RIGSGSFGTF	11185	11166
>BRAFF-V471F RIGSGSFGTV	163	>BRAFF-V471F RIGSGSFGTF	17115	16952
>BRAFF-V471F RIGSGSFGTV	69	>BRAFF-V471F RIGSGSFGTF	19996	19927
>BRAFF-V471F RIGSGSFGTV	256	>BRAFF-V471F RIGSGSFGTF	19683	19427
>BRAFF-V471F RIGSGSFGTV	14	>BRAFF-V471F RIGSGSFGTF	22219	22205
>BRAFF-V471F RIGSGSFGTV'	468	>BRAFF-V471F RIGSGSFGTF\	110	358
>BRAFF-V471F RIGSGSFGTV'	1581	>BRAFF-V471F RIGSGSFGTF\	231	1350
>BRAFF-V471F RIGSGSFGTV	15056	>BRAFF-V471F RIGSGSFGTF	220	14836
>BRAFF-V471F RIGSGSFGTV'	215	>BRAFF-V471F RIGSGSFGTF\	46	169
>BRAFF-V471F RIGSGSFGTV'	61	>BRAFF-V471F RIGSGSFGTF\	31	30
>BRAFF-V471F RIGSGSFGTV	1589	>BRAFF-V471F RIGSGSFGTF	106	1483
>BRAFF-V471F RIGSGSFGTV	327	>BRAFF-V471F RIGSGSFGTF	26726	26399
>BRAFF-V471F RIGSGSFGTV'	30	>BRAFF-V471F RIGSGSFGTF\	8	22
>BRAFF-V471F RIGSGSFGTV	2196	>BRAFF-V471F RIGSGSFGTF	45	2151
>BRAFF-V471F RIGSGSFGTV'	50	>BRAFF-V471F RIGSGSFGTF\	92	42
>BRAFF-V471F RIGSGSFGTV	9676	>BRAFF-V471F RIGSGSFGTF	473	9203
>BRAFF-V471F RIGSGSFGTV'	451	>BRAFF-V471F RIGSGSFGTF\	810	359
>BRAFF-V471F RIGSGSFGTV	13356	>BRAFF-V471F RIGSGSFGTF	215	13141
>BRAFF-V471F RIGSGSFGTV'	451	>BRAFF-V471F RIGSGSFGTF\	566	115
>BRAFF-V471F RIGSGSFGTV	5474	>BRAFF-V471F RIGSGSFGTF	276	5198
>BRAFF-V471F RIGSGSFGTV'	77	>BRAFF-V471F RIGSGSFGTF\	102	25
>BRAFF-V590I VKIGDFGLAT	144	>BRAFF-V590I IKIGDFGLATV	122	22
>BRAFF-V590I VKIGDFGL	1129	>BRAFF-V590I IKIGDFGL	485	644
>BRAFF-V590I VKIGDFGLAT	835	>BRAFF-V590I IKIGDFGLATV	366	469
>BRAFF-V590I LTVKIGDFGL	537	>BRAFF-V590I LTIKIGDFGL	274	263
>BRAFF-V590I LTVKIGDFGL	354	>BRAFF-V590I LTIKIGDFGL	219	135
>BRAFF-V590I LTVKIGDF	154	>BRAFF-V590I LTIKIGDF	66	88
>BRAFF-V590I LTVKIGDFGL/	229	>BRAFF-V590I LTIKIGDFGLA	135	94
>BRAFF-V590I LTVKIGDF	899	>BRAFF-V590I LTIKIGDF	384	515
>BRAFF-V590I LTVKIGDF	13	>BRAFF-V590I LTIKIGDF	14	1
>BRAFF-V590I LTVKIGDFGL	24	>BRAFF-V590I LTIKIGDFGL	25	1
>BRAFF-V590I LTVKIGDFGL	424	>BRAFF-V590I LTIKIGDFGL	842	418
>BRAFF-V590I LTVKIGDF	118	>BRAFF-V590I LTIKIGDF	176	58
>BRAFF-V590I LTVKIGDFGL/	380	>BRAFF-V590I LTIKIGDFGLA	589	209
>BRAFF-V590I DLTVKIGDFG	205	>BRAFF-V590I DLTIKIGDFGL	149	56
>BRAFF-V590I HEDLTVKI	12	>BRAFF-V590I HEDLTIKI	12	0
>BRAFF-V590I HEDLTVKI	114	>BRAFF-V590I HEDLTIKI	90	24
>BRAFF-V590I HEDLTVKI	157	>BRAFF-V590I HEDLTIKI	422	265

>BRAFF-V590I FLHEDLTV	9	>BRAFF-V590I FLHEDLTI	16	7
>BRAFF-V590I FLHEDLTVKI	66	>BRAFF-V590I FLHEDLTIKI	35	31
>BRAFF-V590I FLHEDLTV	6	>BRAFF-V590I FLHEDLTI	16	10
>BRAFF-V590I FLHEDLTVKI	14	>BRAFF-V590I FLHEDLTIKI	11	3
>BRAFF-V590I FLHEDLTV	3	>BRAFF-V590I FLHEDLTI	6	3
>BRAFF-V590I FLHEDLTVK	332	>BRAFF-V590I FLHEDLTIK	258	74
>BRAFF-V590I FLHEDLTVKI	24	>BRAFF-V590I FLHEDLTIKI	22	2
>BRAFF-V590I FLHEDLTVKIC	334	>BRAFF-V590I FLHEDLTIKIG	356	22
>BRAFF-V590I FLHEDLTV	7	>BRAFF-V590I FLHEDLTI	29	22
>BRAFF-V590I FLHEDLTVKI	101	>BRAFF-V590I FLHEDLTIKI	68	33
>BRAFF-V590I FLHEDLTV	1	>BRAFF-V590I FLHEDLTI	3	2
>BRAFF-V590I FLHEDLTVK	368	>BRAFF-V590I FLHEDLTIK	1279	911
>BRAFF-V590I FLHEDLTVKI	2	>BRAFF-V590I FLHEDLTIKI	2	0
>BRAFF-V590I FLHEDLTV	3	>BRAFF-V590I FLHEDLTI	4	1
>BRAFF-V590I FLHEDLTVKI	4	>BRAFF-V590I FLHEDLTIKI	4	0
>BRAFF-V590I FLHEDLTV	4	>BRAFF-V590I FLHEDLTI	8	4
>BRAFF-V590I FLHEDLTVKI	7	>BRAFF-V590I FLHEDLTIKI	7	0
>BRAFF-V590I FLHEDLTV	6	>BRAFF-V590I FLHEDLTI	53	47
>BRAFF-V590I FLHEDLTVKI	13	>BRAFF-V590I FLHEDLTIKI	16	3
>BRAFF-V590I FLHEDLTV	1	>BRAFF-V590I FLHEDLTI	3	2
>BRAFF-V590I FLHEDLTVK	39	>BRAFF-V590I FLHEDLTIK	63	24
>BRAFF-V590I FLHEDLTVKI	2	>BRAFF-V590I FLHEDLTIKI	2	0
>BRAFF-V590I FLHEDLTVKI	414	>BRAFF-V590I FLHEDLTIKI	420	6
>BRAFF-V590I IFLHEDLTV	932	>BRAFF-V590I IFLHEDLTI	57	875
>BRAFF-V590I IFLHEDLTVKI	68	>BRAFF-V590I IFLHEDLTIKI	115	47
>BRAFF-V590I IFLHEDLTV	3123	>BRAFF-V590I IFLHEDLTI	241	2882
>BRAFF-V590I IFLHEDLTV	3970	>BRAFF-V590I IFLHEDLTI	126	3844
>BRAFF-V590I IFLHEDLTVKI	91	>BRAFF-V590I IFLHEDLTIKI	132	41
>BRAFF-V590I NIFLHEDLTV	106	>BRAFF-V590I NIFLHEDLTI	532	426
>BRAFF-V590I NIFLHEDLTV	125	>BRAFF-V590I NIFLHEDLTI	226	101
>BRAFF-V590I NIFLHEDLTV	99	>BRAFF-V590I NIFLHEDLTI	347	248
>BRAFF-V590I NIFLHEDLTV	155	>BRAFF-V590I NIFLHEDLTI	601	446
>BRAFF-V590I NIFLHEDLTV	353	>BRAFF-V590I NIFLHEDLTI	4047	3694
>BRAFF-V590I NIFLHEDLTV	473	>BRAFF-V590I NIFLHEDLTI	8844	8371
>BRAFF-V590I NIFLHEDLTV	225	>BRAFF-V590I NIFLHEDLTI	13777	13552
>BRAFF-V590I NIFLHEDLTVK	333	>BRAFF-V590I NIFLHEDLTIK	344	11
>BRAFF-V590I NIFLHEDLTVKI	61	>BRAFF-V590I NIFLHEDLTIKI	63	2
>BRAFF-V600/VKSRWVSGSH	9	>BRAFF-V600/VKSRWVSGSH	7	2
>BRAFF-V600/VKIGDFGLAT	144	>BRAFF-V600/VKIGDFGLAT	1498	1354
>BRAFF-V600/ATVKSRWVSG	451	>BRAFF-V600/ATAKSRWVSG	376	75
>BRAFF-V600/LATVKSRW	36	>BRAFF-V600/LATAKSRW	26	10
>BRAFF-V600/LATVKSRW	86	>BRAFF-V600/LATAKSRW	106	20
>BRAFF-V600/LATVKSRW	73	>BRAFF-V600/LATAKSRW	66	7

>BRAFF-V600/LATVKSRW	22	>BRAFF-V600/LATAKSRW	19	3
>BRAFF-V600/LATVKSRW	172	>BRAFF-V600/LATAKSRW	263	91
>BRAFF-V600/LATVKSRW	130	>BRAFF-V600/LATAKSRW	115	15
>BRAFF-V600/GLATVKSRW	242	>BRAFF-V600/GLATAKSRW	804	562
>BRAFF-V600/FGLATVKSRW	98	>BRAFF-V600/FGLATAKSRW	60	38
>BRAFF-V600/FGLATVKSRW	499	>BRAFF-V600/FGLATAKSRW	421	78
>BRAFF-V600/FGLATVKSRW	45	>BRAFF-V600/FGLATAKSRW	92	47
>BRAFF-V600/FGLATVKSRW	215	>BRAFF-V600/FGLATAKSRW	419	204
>BRAFF-V600/DFGLATVKSR	205	>BRAFF-V600/DFGLATAKSR	183	22
>BRAFF-V600/DFGLATVKSR	246	>BRAFF-V600/DFGLATAKSR	368	122
>BRAFF-V600/GDFGLATV	393	>BRAFF-V600/GDFGLATA	492	99
>BRAFF-V600/GDFGLATV	227	>BRAFF-V600/GDFGLATA	7198	6971
>BRAFF-V600/IGDFGLATV	253	>BRAFF-V600/IGDFGLATA	2371	2118
>BRAFF-V600/KIGDFGLATV	53	>BRAFF-V600/KIGDFGLATA	605	552
>BRAFF-V600/KIGDFGLATV	34	>BRAFF-V600/KIGDFGLATA	182	148
>BRAFF-V600/KIGDFGLATV	12	>BRAFF-V600/KIGDFGLATA	43	31
>BRAFF-V600/KIGDFGLATV	59	>BRAFF-V600/KIGDFGLATA	239	180
>BRAFF-V600/KIGDFGLATV	4	>BRAFF-V600/KIGDFGLATA	97	93
>BRAFF-V600/KIGDFGLATV	15	>BRAFF-V600/KIGDFGLATA	425	410
>BRAFF-V600/KIGDFGLATV	16	>BRAFF-V600/KIGDFGLATA	952	936
>BRAFF-V600/KIGDFGLATV	30	>BRAFF-V600/KIGDFGLATA	2737	2707
>BRAFF-V600/KIGDFGLATV	4	>BRAFF-V600/KIGDFGLATA	141	137
>BRAFF-V600/KIGDFGLATV	129	>BRAFF-V600/KIGDFGLATA	108	21
>BRAFF-V600/KIGDFGLATV	57	>BRAFF-V600/KIGDFGLATA	43	14
>BRAFF-V600/KIGDFGLATV	563	>BRAFF-V600/KIGDFGLATA	362	201
>BRAFF-V600/KIGDFGLATV	132	>BRAFF-V600/KIGDFGLATA	131	1
>BRAFF-V600I VKSRWSGSH	9	>BRAFF-V600I DKSRWSGSH	157	148
>BRAFF-V600I VKIGDFGLAT	144	>BRAFF-V600I VKIGDFGLAT	25183	25039
>BRAFF-V600I ATVKSRWSG:	451	>BRAFF-V600I ATDKSRWSG	1227	776
>BRAFF-V600I LATVKSRW	36	>BRAFF-V600I LATDKSRW	36	0
>BRAFF-V600I LATVKSRW	86	>BRAFF-V600I LATDKSRW	75	11
>BRAFF-V600I LATVKSRW	73	>BRAFF-V600I LATDKSRW	123	50
>BRAFF-V600I LATVKSRW	22	>BRAFF-V600I LATDKSRW	36	14
>BRAFF-V600I LATVKSRW	172	>BRAFF-V600I LATDKSRW	138	34
>BRAFF-V600I LATVKSRW	130	>BRAFF-V600I LATDKSRW	99	31
>BRAFF-V600I GLATVKSRW	242	>BRAFF-V600I GLATDKSRW	1283	1041
>BRAFF-V600I FGLATVKSRW	98	>BRAFF-V600I FGLATDKSRW	155	57
>BRAFF-V600I FGLATVKSRW	499	>BRAFF-V600I FGLATDKSRW	627	128
>BRAFF-V600I FGLATVKSRW	45	>BRAFF-V600I FGLATDKSRW	114	69
>BRAFF-V600I FGLATVKSRW	215	>BRAFF-V600I FGLATDKSRW	276	61
>BRAFF-V600I DFGLATVKSR	205	>BRAFF-V600I DFGLATDKSR	351	146
>BRAFF-V600I DFGLATVKSR	246	>BRAFF-V600I DFGLATDKSR	605	359
>BRAFF-V600I GDFGLATV	393	>BRAFF-V600I GDFGLATD	11663	11270

>BRAFF-V600I GDFGLATV	227	>BRAFF-V600I GDFGLATD	26627	26400
>BRAFF-V600I IGDFGLATV	253	>BRAFF-V600I IGDFGLATD	23484	23231
>BRAFF-V600I KIGDFGLATV	53	>BRAFF-V600I KIGDFGLATD	19419	19366
>BRAFF-V600I KIGDFGLATV	34	>BRAFF-V600I KIGDFGLATD	12462	12428
>BRAFF-V600I KIGDFGLATV	12	>BRAFF-V600I KIGDFGLATD	9150	9138
>BRAFF-V600I KIGDFGLATV	59	>BRAFF-V600I KIGDFGLATD	15907	15848
>BRAFF-V600I KIGDFGLATV	4	>BRAFF-V600I KIGDFGLATD	14276	14272
>BRAFF-V600I KIGDFGLATV	15	>BRAFF-V600I KIGDFGLATD	17111	17096
>BRAFF-V600I KIGDFGLATV	16	>BRAFF-V600I KIGDFGLATD	22591	22575
>BRAFF-V600I KIGDFGLATV	30	>BRAFF-V600I KIGDFGLATD	24560	24530
>BRAFF-V600I KIGDFGLATV	4	>BRAFF-V600I KIGDFGLATD	22665	22661
>BRAFF-V600I KIGDFGLATV	129	>BRAFF-V600I KIGDFGLATD	193	64
>BRAFF-V600I KIGDFGLATV	57	>BRAFF-V600I KIGDFGLATD	106	49
>BRAFF-V600I KIGDFGLATV	132	>BRAFF-V600I KIGDFGLATD	268	136
>BRAFF-V600I VKSRWVSGSHI	9	>BRAFF-V600I EKSRWVSGSHI	38	29
>BRAFF-V600I VKIGDFGLAT	144	>BRAFF-V600I VKIGDFGLAT	21389	21245
>BRAFF-V600I ATVKSRWVSGI	451	>BRAFF-V600I ATEKSRWVSGI	565	114
>BRAFF-V600I LATVKSRW	36	>BRAFF-V600I LATEKSRW	21	15
>BRAFF-V600I LATVKSRW	86	>BRAFF-V600I LATEKSRW	61	25
>BRAFF-V600I LATVKSRW	73	>BRAFF-V600I LATEKSRW	83	10
>BRAFF-V600I LATVKSRW	22	>BRAFF-V600I LATEKSRW	29	7
>BRAFF-V600I LATVKSRW	172	>BRAFF-V600I LATEKSRW	147	25
>BRAFF-V600I LATVKSRW	130	>BRAFF-V600I LATEKSRW	141	11
>BRAFF-V600I GLATVKSRW	242	>BRAFF-V600I GLATEKSRW	1920	1678
>BRAFF-V600I FGLATVKSRM	98	>BRAFF-V600I FGLATEKSRM	143	45
>BRAFF-V600I FGLATVKSRM	499	>BRAFF-V600I FGLATEKSRM	566	67
>BRAFF-V600I FGLATVKSRM	45	>BRAFF-V600I FGLATEKSRM	138	93
>BRAFF-V600I FGLATVKSRM	215	>BRAFF-V600I FGLATEKSRM	527	312
>BRAFF-V600I DFGLATVKSR	205	>BRAFF-V600I DFGLATEKSR	311	106
>BRAFF-V600I DFGLATVKSR	246	>BRAFF-V600I DFGLATEKSR	688	442
>BRAFF-V600I GDFGLATV	393	>BRAFF-V600I GDFGLATE	9605	9212
>BRAFF-V600I GDFGLATV	227	>BRAFF-V600I GDFGLATE	26274	26047
>BRAFF-V600I IGDFGLATV	253	>BRAFF-V600I IGDFGLATE	20693	20440
>BRAFF-V600I KIGDFGLATV	53	>BRAFF-V600I KIGDFGLATE	16104	16051
>BRAFF-V600I KIGDFGLATV	34	>BRAFF-V600I KIGDFGLATE	10966	10932
>BRAFF-V600I KIGDFGLATV	12	>BRAFF-V600I KIGDFGLATE	8846	8834
>BRAFF-V600I KIGDFGLATV	59	>BRAFF-V600I KIGDFGLATE	15614	15555
>BRAFF-V600I KIGDFGLATV	4	>BRAFF-V600I KIGDFGLATE	15090	15086
>BRAFF-V600I KIGDFGLATV	15	>BRAFF-V600I KIGDFGLATE	15489	15474
>BRAFF-V600I KIGDFGLATV	16	>BRAFF-V600I KIGDFGLATE	22163	22147
>BRAFF-V600I KIGDFGLATV	30	>BRAFF-V600I KIGDFGLATE	23611	23581
>BRAFF-V600I KIGDFGLATV	4	>BRAFF-V600I KIGDFGLATE	17166	17162
>BRAFF-V600I KIGDFGLATV	129	>BRAFF-V600I KIGDFGLATEI	137	8



>BRAFF-V600f KIGDFGLATV	57	>BRAFF-V600f KIGDFGLATEI	40	17
>BRAFF-V600f KIGDFGLATV	132	>BRAFF-V600f KIGDFGLATEI	220	88
>BRAFF-V600f VKSRWSGSH	9	>BRAFF-V600f GKSRWSGSH	25	16
>BRAFF-V600f VKIGDFGLAT	144	>BRAFF-V600f VKIGDFGLATI	16261	16117
>BRAFF-V600f ATVKSRWSG:	451	>BRAFF-V600f ATGKSRWSG	1481	1030
>BRAFF-V600f LATVKSRW	36	>BRAFF-V600f LATGKSRW	34	2
>BRAFF-V600f LATVKSRW	86	>BRAFF-V600f LATGKSRW	97	11
>BRAFF-V600f LATVKSRW	73	>BRAFF-V600f LATGKSRW	70	3
>BRAFF-V600f LATVKSRW	22	>BRAFF-V600f LATGKSRW	27	5
>BRAFF-V600f LATVKSRW	172	>BRAFF-V600f LATGKSRW	216	44
>BRAFF-V600f LATVKSRW	130	>BRAFF-V600f LATGKSRW	73	57
>BRAFF-V600f GLATVKSRW	242	>BRAFF-V600f GLATGKSRW	475	233
>BRAFF-V600f FGLATVKSRV	98	>BRAFF-V600f FGLATGKSRV	71	27
>BRAFF-V600f FGLATVKSRV	499	>BRAFF-V600f FGLATGKSRV	879	380
>BRAFF-V600f FGLATVKSRV	45	>BRAFF-V600f FGLATGKSRV	167	122
>BRAFF-V600f FGLATVKSRV	215	>BRAFF-V600f FGLATGKSRV	591	376
>BRAFF-V600f DFGLATVKSR	205	>BRAFF-V600f DFGLATGKSR	183	22
>BRAFF-V600f DFGLATVKSR	246	>BRAFF-V600f DFGLATGKSR	779	533
>BRAFF-V600f GDFGLATV	393	>BRAFF-V600f GDFGLATG	15285	14892
>BRAFF-V600f GDFGLATV	227	>BRAFF-V600f GDFGLATG	27434	27207
>BRAFF-V600f IGDFGLATV	253	>BRAFF-V600f IGDFGLATG	16468	16215
>BRAFF-V600f KIGDFGLATV	53	>BRAFF-V600f KIGDFGLATG	12035	11982
>BRAFF-V600f KIGDFGLATV	34	>BRAFF-V600f KIGDFGLATG	7385	7351
>BRAFF-V600f KIGDFGLATV	12	>BRAFF-V600f KIGDFGLATG	6102	6090
>BRAFF-V600f KIGDFGLATV	59	>BRAFF-V600f KIGDFGLATG	11560	11501
>BRAFF-V600f KIGDFGLATV	4	>BRAFF-V600f KIGDFGLATG	5539	5535
>BRAFF-V600f KIGDFGLATV	15	>BRAFF-V600f KIGDFGLATG	10034	10019
>BRAFF-V600f KIGDFGLATV	16	>BRAFF-V600f KIGDFGLATG	18547	18531
>BRAFF-V600f KIGDFGLATV	30	>BRAFF-V600f KIGDFGLATG	21611	21581
>BRAFF-V600f KIGDFGLATV	4	>BRAFF-V600f KIGDFGLATG	16083	16079
>BRAFF-V600f KIGDFGLATV	129	>BRAFF-V600f KIGDFGLATG	125	4
>BRAFF-V600f KIGDFGLATV	57	>BRAFF-V600f KIGDFGLATG	57	0
>BRAFF-V600f KIGDFGLATV	132	>BRAFF-V600f KIGDFGLATG	112	20
>BRAFF-V600f VKSRWSGSH	9	>BRAFF-V600f KKSRSWSGSH	6	3
>BRAFF-V600f VKIGDFGLAT	144	>BRAFF-V600f VKIGDFGLAT	22343	22199
>BRAFF-V600f ATVKSRWS	7850	>BRAFF-V600f ATKKSRSWS	165	7685
>BRAFF-V600f ATVKSRWSG	3991	>BRAFF-V600f ATKKSRSWSG	41	3950
>BRAFF-V600f ATVKSRWSG:	5329	>BRAFF-V600f ATKKSRSWSG:	74	5255
>BRAFF-V600f ATVKSRWSG:	7709	>BRAFF-V600f ATKKSRSWSG:	175	7534
>BRAFF-V600f ATVKSRWSG:	451	>BRAFF-V600f ATKKSRSWSG:	370	81
>BRAFF-V600f LATVKSRW	36	>BRAFF-V600f LATKKSRSW	40	4
>BRAFF-V600f LATVKSRW	86	>BRAFF-V600f LATKKSRSW	107	21
>BRAFF-V600f LATVKSRW	73	>BRAFF-V600f LATKKSRSW	86	13

>BRAFF-V600I LATVKSRW	22	>BRAFF-V600I LATKKSrw	40	18
>BRAFF-V600I LATVKSRW	172	>BRAFF-V600I LATKKSrw	237	65
>BRAFF-V600I LATVKSRW	130	>BRAFF-V600I LATKKSrw	180	50
>BRAFF-V600I GLATVKSRW	242	>BRAFF-V600I GLATKKSrw	1703	1461
>BRAFF-V600I FGLATVKSRW	98	>BRAFF-V600I FGLATKKSrw	146	48
>BRAFF-V600I FGLATVKSRW	499	>BRAFF-V600I FGLATKKSrw	941	442
>BRAFF-V600I FGLATVKSRW	45	>BRAFF-V600I FGLATKKSrw	268	223
>BRAFF-V600I FGLATVKSRW	215	>BRAFF-V600I FGLATKKSrw	918	703
>BRAFF-V600I DFGLATVKSR	205	>BRAFF-V600I DFGLATKKSr	129	76
>BRAFF-V600I DFGLATVKSR	246	>BRAFF-V600I DFGLATKKSr	407	161
>BRAFF-V600I GDFGLATV	393	>BRAFF-V600I GDFGLATK	8401	8008
>BRAFF-V600I GDFGLATV	227	>BRAFF-V600I GDFGLATK	22932	22705
>BRAFF-V600I IGDFGLATV	253	>BRAFF-V600I IGDFGLATK	22462	22209
>BRAFF-V600I KIGDFGLATV	53	>BRAFF-V600I KIGDFGLATK	15809	15756
>BRAFF-V600I KIGDFGLATV	34	>BRAFF-V600I KIGDFGLATK	9883	9849
>BRAFF-V600I KIGDFGLATV	12	>BRAFF-V600I KIGDFGLATK	6095	6083
>BRAFF-V600I KIGDFGLATV	59	>BRAFF-V600I KIGDFGLATK	13371	13312
>BRAFF-V600I KIGDFGLATV	4	>BRAFF-V600I KIGDFGLATK	10165	10161
>BRAFF-V600I KIGDFGLATV	15	>BRAFF-V600I KIGDFGLATK	16818	16803
>BRAFF-V600I KIGDFGLATV	16	>BRAFF-V600I KIGDFGLATK	19745	19729
>BRAFF-V600I KIGDFGLATV	30	>BRAFF-V600I KIGDFGLATK	22668	22638
>BRAFF-V600I KIGDFGLATV	4	>BRAFF-V600I KIGDFGLATK	9544	9540
>BRAFF-V600I KIGDFGLATV	11190	>BRAFF-V600I KIGDFGLATK	20	11170
>BRAFF-V600I KIGDFGLATV	129	>BRAFF-V600I KIGDFGLATK	88	41
>BRAFF-V600I KIGDFGLATV	34840	>BRAFF-V600I KIGDFGLATK	120	34720
>BRAFF-V600I KIGDFGLATV	57	>BRAFF-V600I KIGDFGLATK	45	12
>BRAFF-V600I KIGDFGLATV	2808	>BRAFF-V600I KIGDFGLATK	58	2750
>BRAFF-V600I KIGDFGLATV	8105	>BRAFF-V600I KIGDFGLATK	281	7824
>BRAFF-V600I KIGDFGLATV	25426	>BRAFF-V600I KIGDFGLATK	143	25283
>BRAFF-V600I KIGDFGLATV	20071	>BRAFF-V600I KIGDFGLATK	216	19855
>BRAFF-V600I KIGDFGLATV	132	>BRAFF-V600I KIGDFGLATK	126	6
>BRAFF-V600I VKSRWWSGSH	9	>BRAFF-V600I LKSRWWSGSH	7	2
>BRAFF-V600I TVKSRWSG	1738	>BRAFF-V600I TLKSRWSG	269	1469
>BRAFF-V600I VKIGDFGLAT	144	>BRAFF-V600I VKIGDFGLAT	1054	910
>BRAFF-V600I VKIGDFGLAT	835	>BRAFF-V600I VKIGDFGLAT	393	442
>BRAFF-V600I ATVKSRWSG:	451	>BRAFF-V600I ATLKSRWSG:	343	108
>BRAFF-V600I LATVKSRW	36	>BRAFF-V600I LATLKSRW	39	3
>BRAFF-V600I LATVKSRW	86	>BRAFF-V600I LATLKSRW	108	22
>BRAFF-V600I LATVKSRW	73	>BRAFF-V600I LATLKSRW	113	40
>BRAFF-V600I LATVKSRW	22	>BRAFF-V600I LATLKSRW	40	18
>BRAFF-V600I LATVKSRW	172	>BRAFF-V600I LATLKSRW	370	198
>BRAFF-V600I LATVKSRW	130	>BRAFF-V600I LATLKSRW	243	113
>BRAFF-V600I GLATVKSRW	242	>BRAFF-V600I GLATLKSRW	222	20

>BRAFF-V600I FGLATVKSRW	98	>BRAFF-V600I FGLATLKSRW	96	2
>BRAFF-V600I FGLATVKSRW	499	>BRAFF-V600I FGLATLKSRW	647	148
>BRAFF-V600I FGLATVKSRW	45	>BRAFF-V600I FGLATLKSRW	84	39
>BRAFF-V600I FGLATVKSRW	215	>BRAFF-V600I FGLATLKSRW	396	181
>BRAFF-V600I DFGLATVKSR	205	>BRAFF-V600I DFGLATLKSR	107	98
>BRAFF-V600I DFGLATVKSR	246	>BRAFF-V600I DFGLATLKSR	295	49
>BRAFF-V600I GDFGLATV	393	>BRAFF-V600I GDFGLATL	122	271
>BRAFF-V600I GDFGLATV	227	>BRAFF-V600I GDFGLATL	1275	1048
>BRAFF-V600I IGDFGLATV	253	>BRAFF-V600I IGDFGLATL	1522	1269
>BRAFF-V600I KIGDFGLATV	53	>BRAFF-V600I KIGDFGLATL	231	178
>BRAFF-V600I KIGDFGLATV	34	>BRAFF-V600I KIGDFGLATL	34	0
>BRAFF-V600I KIGDFGLATV	12	>BRAFF-V600I KIGDFGLATL	35	23
>BRAFF-V600I KIGDFGLATV	59	>BRAFF-V600I KIGDFGLATL	209	150
>BRAFF-V600I KIGDFGLATV	4	>BRAFF-V600I KIGDFGLATL	29	25
>BRAFF-V600I KIGDFGLATV	15	>BRAFF-V600I KIGDFGLATL	90	75
>BRAFF-V600I KIGDFGLATV	16	>BRAFF-V600I KIGDFGLATL	236	220
>BRAFF-V600I KIGDFGLATV	30	>BRAFF-V600I KIGDFGLATL	507	477
>BRAFF-V600I KIGDFGLATV	4	>BRAFF-V600I KIGDFGLATL	26	22
>BRAFF-V600I KIGDFGLATV	129	>BRAFF-V600I KIGDFGLATLI	71	58
>BRAFF-V600I KIGDFGLATV	57	>BRAFF-V600I KIGDFGLATLI	26	31
>BRAFF-V600I KIGDFGLATV	563	>BRAFF-V600I KIGDFGLATLI	314	249
>BRAFF-V600I KIGDFGLATV	509	>BRAFF-V600I KIGDFGLATL	72	437
>BRAFF-V600I KIGDFGLATV	132	>BRAFF-V600I KIGDFGLATLI	108	24
>BRAFF-V600I VKSRWSGSH	9	>BRAFF-V600I MKSRWSGSH	5	4
>BRAFF-V600I TVKSRWSG	1738	>BRAFF-V600I TMKSRWSG	281	1457
>BRAFF-V600I VKIGDFGLAT	144	>BRAFF-V600I VKIGDFGLAT	3659	3515
>BRAFF-V600I VKIGDFGLAT	835	>BRAFF-V600I VKIGDFGLAT	216	619
>BRAFF-V600I ATVKSRWSG:	3708	>BRAFF-V600I ATMKSRWSC	207	3501
>BRAFF-V600I ATVKSRWSG:	451	>BRAFF-V600I ATMKSRWSC	279	172
>BRAFF-V600I LATVKSRW	36	>BRAFF-V600I LATMKSRW	29	7
>BRAFF-V600I LATVKSRW	86	>BRAFF-V600I LATMKSRW	82	4
>BRAFF-V600I LATVKSRW	73	>BRAFF-V600I LATMKSRW	118	45
>BRAFF-V600I LATVKSRW	22	>BRAFF-V600I LATMKSRW	30	8
>BRAFF-V600I LATVKSRW	172	>BRAFF-V600I LATMKSRW	138	34
>BRAFF-V600I LATVKSRW	130	>BRAFF-V600I LATMKSRW	142	12
>BRAFF-V600I GLATVKSRW	242	>BRAFF-V600I GLATMKSRW	292	50
>BRAFF-V600I FGLATVKSRW	98	>BRAFF-V600I FGLATMKSR\	59	39
>BRAFF-V600I FGLATVKSRW	499	>BRAFF-V600I FGLATMKSR\	740	241
>BRAFF-V600I FGLATVKSRW	45	>BRAFF-V600I FGLATMKSR\	115	70
>BRAFF-V600I FGLATVKSRW	215	>BRAFF-V600I FGLATMKSR\	343	128
>BRAFF-V600I DFGLATVKSR	205	>BRAFF-V600I DFGLATMKSI	201	4
>BRAFF-V600I DFGLATVKSR	246	>BRAFF-V600I DFGLATMKSI	286	40
>BRAFF-V600I GDFGLATV	393	>BRAFF-V600I GDFGLATM	298	95

>BRAFF-V600f GDFGLATV	227	>BRAFF-V600f GDFGLATM	3304	3077
>BRAFF-V600f IGDFGLATV	253	>BRAFF-V600f IGDFGLATM	4213	3960
>BRAFF-V600f IGDFGLATV	4384	>BRAFF-V600f IGDFGLATM	210	4174
>BRAFF-V600f KIGDFGLATV	53	>BRAFF-V600f KIGDFGLATM	912	859
>BRAFF-V600f KIGDFGLATV	34	>BRAFF-V600f KIGDFGLATM	142	108
>BRAFF-V600f KIGDFGLATV	12	>BRAFF-V600f KIGDFGLATM	139	127
>BRAFF-V600f KIGDFGLATV	59	>BRAFF-V600f KIGDFGLATM	734	675
>BRAFF-V600f KIGDFGLATV	4	>BRAFF-V600f KIGDFGLATM	212	208
>BRAFF-V600f KIGDFGLATV	15	>BRAFF-V600f KIGDFGLATM	901	886
>BRAFF-V600f KIGDFGLATV	16	>BRAFF-V600f KIGDFGLATM	3485	3469
>BRAFF-V600f KIGDFGLATV	30	>BRAFF-V600f KIGDFGLATM	2668	2638
>BRAFF-V600f KIGDFGLATV	4	>BRAFF-V600f KIGDFGLATM	818	814
>BRAFF-V600f KIGDFGLATV	129	>BRAFF-V600f KIGDFGLATM	100	29
>BRAFF-V600f KIGDFGLATV	57	>BRAFF-V600f KIGDFGLATM	35	22
>BRAFF-V600f KIGDFGLATV	509	>BRAFF-V600f KIGDFGLATM	354	155
>BRAFF-V600f KIGDFGLATV	5712	>BRAFF-V600f KIGDFGLATM	449	5263
>BRAFF-V600f KIGDFGLATV	8804	>BRAFF-V600f KIGDFGLATM	330	8474
>BRAFF-V600f KIGDFGLATV	132	>BRAFF-V600f KIGDFGLATM	185	53
>BRAFF-V600f VKSRWSGSH	1530	>BRAFF-V600f RKSRWSGSH	360	1170
>BRAFF-V600f VKSRWSGSH	1640	>BRAFF-V600f RKSRWSGSH	419	1221
>BRAFF-V600f VKSRWSGSH	9	>BRAFF-V600f RKSRWSGSH	4	5
>BRAFF-V600f VKIGDFGLAT	144	>BRAFF-V600f VKIGDFGLAT	24240	24096
>BRAFF-V600f ATVKSRWS	7850	>BRAFF-V600f ATRKSRWS	28	7822
>BRAFF-V600f ATVKSRWSG	3991	>BRAFF-V600f ATRKSRWSG	11	3980
>BRAFF-V600f ATVKSRWSG:	5329	>BRAFF-V600f ATRKSRWSG:	17	5312
>BRAFF-V600f ATVKSRWSG:	7709	>BRAFF-V600f ATRKSRWSG:	30	7679
>BRAFF-V600f ATVKSRWSG:	660	>BRAFF-V600f ATRKSRWSG:	362	298
>BRAFF-V600f ATVKSRWSG:	451	>BRAFF-V600f ATRKSRWSG:	119	332
>BRAFF-V600f LATVKSRW	36	>BRAFF-V600f LATRCSRW	59	23
>BRAFF-V600f LATVKSRW	86	>BRAFF-V600f LATRCSRW	186	100
>BRAFF-V600f LATVKSRW	73	>BRAFF-V600f LATRCSRW	69	4
>BRAFF-V600f LATVKSRW	22	>BRAFF-V600f LATRCSRW	23	1
>BRAFF-V600f LATVKSRW	172	>BRAFF-V600f LATRCSRW	204	32
>BRAFF-V600f LATVKSRW	130	>BRAFF-V600f LATRCSRW	182	52
>BRAFF-V600f GLATVKSR	697	>BRAFF-V600f GLATRCSR	312	385
>BRAFF-V600f GLATVKSRW	242	>BRAFF-V600f GLATRCSRW	998	756
>BRAFF-V600f FGLATVKSRM	98	>BRAFF-V600f FGLATRCSRW	147	49
>BRAFF-V600f FGLATVKSRM	499	>BRAFF-V600f FGLATRCSRW	710	211
>BRAFF-V600f FGLATVKSRM	45	>BRAFF-V600f FGLATRCSRW	232	187
>BRAFF-V600f FGLATVKSRM	215	>BRAFF-V600f FGLATRCSRW	725	510
>BRAFF-V600f DFGLATVKSR	1561	>BRAFF-V600f DFGLATRCSR	385	1176
>BRAFF-V600f DFGLATVKSR	205	>BRAFF-V600f DFGLATRCSR	105	100
>BRAFF-V600f DFGLATVKSR	246	>BRAFF-V600f DFGLATRCSR	454	208

>BRAFF-V600f GDFGLATV	393	>BRAFF-V600f GDFGLATR	9525	9132
>BRAFF-V600f GDFGLATV	227	>BRAFF-V600f GDFGLATR	26666	26439
>BRAFF-V600f IGDFGLATV	253	>BRAFF-V600f IGDFGLATR	23385	23132
>BRAFF-V600f KIGDFGLATV	53	>BRAFF-V600f KIGDFGLATR	14392	14339
>BRAFF-V600f KIGDFGLATV	34	>BRAFF-V600f KIGDFGLATR	7593	7559
>BRAFF-V600f KIGDFGLATV	12	>BRAFF-V600f KIGDFGLATR	4858	4846
>BRAFF-V600f KIGDFGLATV	59	>BRAFF-V600f KIGDFGLATR	11203	11144
>BRAFF-V600f KIGDFGLATV	4	>BRAFF-V600f KIGDFGLATR	14134	14130
>BRAFF-V600f KIGDFGLATV	15	>BRAFF-V600f KIGDFGLATR	18393	18378
>BRAFF-V600f KIGDFGLATV	16	>BRAFF-V600f KIGDFGLATR	22093	22077
>BRAFF-V600f KIGDFGLATV	30	>BRAFF-V600f KIGDFGLATR	23799	23769
>BRAFF-V600f KIGDFGLATV	4	>BRAFF-V600f KIGDFGLATR	15446	15442
>BRAFF-V600f KIGDFGLATV	11190	>BRAFF-V600f KIGDFGLATR	240	10950
>BRAFF-V600f KIGDFGLATV	129	>BRAFF-V600f KIGDFGLATR	88	41
>BRAFF-V600f KIGDFGLATV	57	>BRAFF-V600f KIGDFGLATR	48	9
>BRAFF-V600f KIGDFGLATV	8105	>BRAFF-V600f KIGDFGLATR	18	8087
>BRAFF-V600f KIGDFGLATV	25426	>BRAFF-V600f KIGDFGLATR	75	25351
>BRAFF-V600f KIGDFGLATV	20071	>BRAFF-V600f KIGDFGLATR	31	20040
>BRAFF-V600f KIGDFGLATV	132	>BRAFF-V600f KIGDFGLATR	122	10
>BRAFF-W604 RWSGSHQF	60	>BRAFF-W604 RSGSGSHQF	3879	3819
>BRAFF-W604 RWSGSHQF	78	>BRAFF-W604 RSGSGSHQF	4389	4311
>BRAFF-W604 RWSGSHQFE	328	>BRAFF-W604 RSGSGSHQFEC	15181	14853
>BRAFF-W604 RWSGSHQF	6	>BRAFF-W604 RSGSGSHQF	4422	4416
>BRAFF-W604 RWSGSHQFE	14	>BRAFF-W604 RSGSGSHQFEC	10330	10316
>BRAFF-W604 RWSGSHQF	3681	>BRAFF-W604 RSGSGSHQF	366	3315
>BRAFF-W604 RWSGSHQF	4120	>BRAFF-W604 RSGSGSHQF	16	4104
>BRAFF-W604 RWSGSHQF	2273	>BRAFF-W604 RSGSGSHQF	61	2212
>BRAFF-W604 RWSGSHQF	144	>BRAFF-W604 RSGSGSHQF	27613	27469
>BRAFF-W604 RWSGSHQFE	57	>BRAFF-W604 RSGSGSHQFE	20493	20436
>BRAFF-W604 RWSGSHQFE	116	>BRAFF-W604 RSGSGSHQFEC	19462	19346
>BRAFF-W604 SRWSGSHQF	8	>BRAFF-W604 SRGSGSHQF	215	207
>BRAFF-W604 SRWSGSHQF	37	>BRAFF-W604 SRGSGSHQF	1449	1412
>BRAFF-W604 SRWSGSHQF	327	>BRAFF-W604 SRGSGSHQFE	8929	8602
>BRAFF-W604 SRWSGSHQF	147	>BRAFF-W604 SRGSGSHQF	2334	2187
>BRAFF-W604 KSRWSGSH	55	>BRAFF-W604 KSRGSGSH	34	21
>BRAFF-W604 KSRWSGSHQ	24	>BRAFF-W604 KSRGSGSHQ	16	8
>BRAFF-W604 KSRWSGSHQ	44	>BRAFF-W604 KSRGSGSHQf	28	16
>BRAFF-W604 KSRWSGSHQ	23	>BRAFF-W604 KSRGSGSHQf	18	5
>BRAFF-W604 KSRWSGSHQ	93	>BRAFF-W604 KSRGSGSHQf	67	26
>BRAFF-W604 KSRWSGSHQ	14	>BRAFF-W604 KSRGSGSHQf	14	0
>BRAFF-W604 KSRWSGSH	31	>BRAFF-W604 KSRGSGSH	22	9
>BRAFF-W604 KSRWSGSHQ	51	>BRAFF-W604 KSRGSGSHQ	48	3
>BRAFF-W604 KSRWSGSHQ	2	>BRAFF-W604 KSRGSGSHQf	2	0

>BRAFW604KSRWSGSHQ	186	>BRAFW604KSRGSGSHQF	205	19
>BRAFW604KSRWSGSHQ	73	>BRAFW604KSRGSGSHQF	45	28
>BRAFW604KSRWSGSHQ	24	>BRAFW604KSRGSGSHQF	31	7
>BRAFW604KSRWSGSH	333	>BRAFW604KSRGSGSH	2741	2408
>BRAFW604KSRWSGSHQ	193	>BRAFW604KSRGSGSHQ	181	12
>BRAFW604KSRWSGSHQ	72	>BRAFW604KSRGSGSHQF	144	72
>BRAFW604VKSRSWSGSH	9	>BRAFW604VKSRSWSGSHC	8	1
>BRAFW604ATVKSRWSGSH	451	>BRAFW604ATVKSRGSGSH	286	165
>BRAFW604LATVKSRW	36	>BRAFW604LATVKSRG	15849	15813
>BRAFW604LATVKSRW	86	>BRAFW604LATVKSRG	31903	31817
>BRAFW604LATVKSRW	73	>BRAFW604LATVKSRG	23886	23813
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>BRAFW604LATVKSRW	172	>BRAFW604LATVKSRG	30173	30001
>BRAFW604LATVKSRW	130	>BRAFW604LATVKSRG	30398	30268
>BRAFW604GLATVKSRW	242	>BRAFW604GLATVKSRG	6926	6684
>BRAFW604FGLATVKSRW	98	>BRAFW604FGLATVKSRG	24110	24012
>BRAFW604FGLATVKSRW	499	>BRAFW604FGLATVKSRG	25329	24830
>BRAFW604FGLATVKSRW	45	>BRAFW604FGLATVKSRG	21699	21654
>BRAFW604FGLATVKSRW	215	>BRAFW604FGLATVKSRG	30413	30198
>BRAFW604WSGSHQFEC	9196	>BRAFW604SSGSHQFEQ	318	8878
>BRAFW604RWSGSHQF	60	>BRAFW604RSSGSHQF	2021	1961
>BRAFW604RWSGSHQF	78	>BRAFW604RSSGSHQF	1349	1271
>BRAFW604RWSGSHQFE	328	>BRAFW604RSSGSHQFEQ	6627	6299
>BRAFW604RWSGSHQF	6	>BRAFW604RSSGSHQF	684	678
>BRAFW604RWSGSHQFE	14	>BRAFW604RSSGSHQFEQ	4271	4257
>BRAFW604RWSGSHQF	3885	>BRAFW604RSSGSHQF	107	3778
>BRAFW604RWSGSHQF	3681	>BRAFW604RSSGSHQF	101	3580
>BRAFW604RWSGSHQF	664	>BRAFW604RSSGSHQF	32	632
>BRAFW604RWSGSHQF	4120	>BRAFW604RSSGSHQF	2	4118
>BRAFW604RWSGSHQFE	25526	>BRAFW604RSSGSHQFEQ	431	25095
>BRAFW604RWSGSHQFE	16741	>BRAFW604RSSGSHQFEQ	6	16735
>BRAFW604RWSGSHQF	17187	>BRAFW604RSSGSHQF	52	17135
>BRAFW604RWSGSHQFE	22309	>BRAFW604RSSGSHQFEQ	292	22017
>BRAFW604RWSGSHQF	2273	>BRAFW604RSSGSHQF	10	2263
>BRAFW604RWSGSHQFE	17105	>BRAFW604RSSGSHQFEQ	48	17057
>BRAFW604RWSGSHQFE	13329	>BRAFW604RSSGSHQFEQ	293	13036
>BRAFW604RWSGSHQF	5945	>BRAFW604RSSGSHQF	18	5927
>BRAFW604RWSGSHQFE	7577	>BRAFW604RSSGSHQFEQ	138	7439
>BRAFW604RWSGSHQF	144	>BRAFW604RSSGSHQF	28762	28618
>BRAFW604RWSGSHQFE	57	>BRAFW604RSSGSHQFE	21777	21720
>BRAFW604RWSGSHQFE	116	>BRAFW604RSSGSHQFEQ	20962	20846
>BRAFW604RWSGSHQFE	18322	>BRAFW604RSSGSHQFEQ	253	18069
>BRAFW604SRWSGSHQF	8	>BRAFW604SRSSGSHQF	33	25

>BRAFW604SRWSGSHQF	37	>BRAFW604SRSSGSHQF	621	584
>BRAFW604SRWSGSHQF	327	>BRAFW604SRSSGSHQFE	5317	4990
>BRAFW604SRWSGSHQF	792	>BRAFW604SRSSGSHQF	302	490
>BRAFW604SRWSGSHQF	147	>BRAFW604SRSSGSHQF	1180	1033
>BRAFW604KSRWSGSH	55	>BRAFW604KSRSSGSH	23	32
>BRAFW604KSRWSGSHQ	24	>BRAFW604KSRSSGSHQ	13	11
>BRAFW604KSRWSGSHQ	44	>BRAFW604KSRSSGSHQF	22	22
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>BRAFW604KSRWSGSHQ	14	>BRAFW604KSRSSGSHQF	5	9
>BRAFW604KSRWSGSH	31	>BRAFW604KSRSSGSH	31	0
>BRAFW604KSRWSGSHQ	51	>BRAFW604KSRSSGSHQ	98	47
>BRAFW604KSRWSGSHQ	2	>BRAFW604KSRSSGSHQF	2	0
>BRAFW604KSRWSGSHQ	186	>BRAFW604KSRSSGSHQF	305	119
>BRAFW604KSRWSGSHQ	73	>BRAFW604KSRSSGSHQF	57	16
>BRAFW604KSRWSGSHQ	24	>BRAFW604KSRSSGSHQF	32	8
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>BRAFW604KSRWSGSHQ	193	>BRAFW604KSRSSGSHQ	70	123
>BRAFW604KSRWSGSHQ	72	>BRAFW604KSRSSGSHQF	123	51
>BRAFW604VKSRWSGSH	1530	>BRAFW604VKSRSSGSH	374	1156
>BRAFW604VKSRWSGSH	1640	>BRAFW604VKSRSSGSHC	498	1142
>BRAFW604VKSRWSGSH	9	>BRAFW604VKSRSSGSHC	5	4
>BRAFW604ATVKSRWSG	660	>BRAFW604ATVKSRSSGS	203	457
>BRAFW604ATVKSRWSG	451	>BRAFW604ATVKSRSSGS	140	311
>BRAFW604LATVKSRW	36	>BRAFW604LATVKRS	13258	13222
>BRAFW604LATVKSRW	86	>BRAFW604LATVKRS	31801	31715
>BRAFW604LATVKSRW	73	>BRAFW604LATVKRS	23714	23641
>BRAFW604LATVKSRW	22	>BRAFW604LATVKRS	21755	21733
>BRAFW604LATVKSRW	172	>BRAFW604LATVKRS	31655	31483
>BRAFW604LATVKSRW	130	>BRAFW604LATVKRS	30408	30278
>BRAFW604GLATVKSRW	242	>BRAFW604GLATVKRS	3850	3608
>BRAFW604FGLATVKSRM	98	>BRAFW604FGLATVKRS	23085	22987
>BRAFW604FGLATVKSRM	499	>BRAFW604FGLATVKRS	25142	24643
>BRAFW604FGLATVKSRM	45	>BRAFW604FGLATVKRS	22239	22194
>BRAFW604FGLATVKSRM	215	>BRAFW604FGLATVKRS	31209	30994
>BRAFW619WMAPEVIRM	79	>BRAFW619RMAPEVIRM	110	31
>BRAFW619WMAPEVIRM	22	>BRAFW619RMAPEVIRM	51	29
>BRAFW619WMAPEVIRM	61	>BRAFW619RMAPEVIRM	81	20
>BRAFW619WMAPEVIRM	139	>BRAFW619RMAPEVIRM	361	222
>BRAFW619WMAPEVIRM	18	>BRAFW619RMAPEVIRM	25	7
>BRAFW619WMAPEVIRM	325	>BRAFW619RMAPEVIRM	386	61
>BRAFW619WMAPEVIRM	98	>BRAFW619RMAPEVIRM	189	91

>BRAFW619WMAPEVIRM	23	>BRAFW619RMAPEVIRM	117	94
>BRAFW619WMAPEVIRM	10	>BRAFW619RMAPEVIRM	32	22
>BRAFW619WMAPEVIRM	117	>BRAFW619RMAPEVIRM	715	598
>BRAFW619WMAPEVIR	2776	>BRAFW619RMAPEVIR	24	2752
>BRAFW619WMAPEVIR	199	>BRAFW619RMAPEVIR	1086	887
>BRAFW619WMAPEVIRM	163	>BRAFW619RMAPEVIRM	107	56
>BRAFW619WMAPEVIR	637	>BRAFW619RMAPEVIR	341	296
>BRAFW619WMAPEVIRM	128	>BRAFW619RMAPEVIRM	90	38
>BRAFW619WMAPEVIRM	481	>BRAFW619RMAPEVIRM	53	428
>BRAFW619WMAPEVIRM	219	>BRAFW619RMAPEVIRM	4185	3966
>BRAFW619WMAPEVIRM	2670	>BRAFW619RMAPEVIRM	83	2587
>BRAFW619WMAPEVIR	104	>BRAFW619RMAPEVIR	51	53
>BRAFW619LWMAPEVI	499	>BRAFW619LRMAPEVI	16073	15574
>BRAFW619LWMAPEVI	71	>BRAFW619LRMAPEVI	19760	19689
>BRAFW619LWMAPEVI	4323	>BRAFW619LRMAPEVI	158	4165
>BRAFW619LWMAPEVIRI	4101	>BRAFW619LRMAPEVIRM	153	3948
>BRAFW619LWMAPEVI	17626	>BRAFW619LRMAPEVI	208	17418
>BRAFW619LWMAPEVIR	16992	>BRAFW619LRMAPEVIR	377	16615
>BRAFW619LWMAPEVIRI	15522	>BRAFW619LRMAPEVIRM	188	15334
>BRAFW619LWMAPEVI	18552	>BRAFW619LRMAPEVI	486	18066
>BRAFW619LWMAPEVIRI	17003	>BRAFW619LRMAPEVIRM	454	16549
>BRAFW619LWMAPEVIR	45	>BRAFW619LRMAPEVIR	1184	1139
>BRAFW619LWMAPEVI	172	>BRAFW619LRMAPEVI	33274	33102
>BRAFW619LWMAPEVIRI	438	>BRAFW619LRMAPEVIRM	35720	35282
>BRAFW619QFEQLSGSILV	17519	>BRAFW619QFEQLSGSILF	75	17444
>BRAFW619ILWMAPEV	9	>BRAFW619ILRMAPEV	480	471
>BRAFW619ILWMAPEVI	60	>BRAFW619ILRMAPEVI	7999	7939
>BRAFW619ILWMAPEVIR	80	>BRAFW619ILRMAPEVIRI	7480	7400
>BRAFW619ILWMAPEV	51	>BRAFW619ILRMAPEV	371	320
>BRAFW619ILWMAPEV	32	>BRAFW619ILRMAPEV	18	14
>BRAFW619ILWMAPEVI	456	>BRAFW619ILRMAPEVI	216	240
>BRAFW619ILWMAPEV	54	>BRAFW619ILRMAPEV	762	708
>BRAFW619ILWMAPEV	2	>BRAFW619ILRMAPEV	12	10
>BRAFW619ILWMAPEVI	5	>BRAFW619ILRMAPEVI	221	216
>BRAFW619ILWMAPEVIR	9	>BRAFW619ILRMAPEVIRI	889	880
>BRAFW619ILWMAPEV	9	>BRAFW619ILRMAPEV	225	216
>BRAFW619ILWMAPEVI	88	>BRAFW619ILRMAPEVI	4771	4683
>BRAFW619ILWMAPEV	4	>BRAFW619ILRMAPEV	24	20
>BRAFW619ILWMAPEVI	19	>BRAFW619ILRMAPEVI	5498	5479
>BRAFW619ILWMAPEVIR	81	>BRAFW619ILRMAPEVIRI	9150	9069
>BRAFW619ILWMAPEV	2	>BRAFW619ILRMAPEV	100	98
>BRAFW619ILWMAPEVI	12	>BRAFW619ILRMAPEVI	5676	5664
>BRAFW619ILWMAPEVIR	34	>BRAFW619ILRMAPEVIRI	9491	9457



>BRAFW619ILWMAPEV	3	>BRAFW619ILRMAPEV	4	1
>BRAFW619ILWMAPEVI	47	>BRAFW619ILRMAPEVI	170	123
>BRAFW619ILWMAPEVIR	30	>BRAFW619ILRMAPEVIRI	187	157
>BRAFW619ILWMAPEV	11243	>BRAFW619ILRMAPEV	199	11044
>BRAFW619ILWMAPEVI	231	>BRAFW619ILRMAPEVI	5584	5353
>BRAFW619ILWMAPEV	377	>BRAFW619ILRMAPEV	7320	6943
>BRAFW619ILWMAPEVIR	1492	>BRAFW619ILRMAPEVIRI	371	1121
>BRAFW619ILWMAPEVI	241	>BRAFW619ILRMAPEVI	271	30
>BRAFW619ILWMAPEVIR	266	>BRAFW619ILRMAPEVIRI	406	140
>BRAFW619ILWMAPEVIR	86	>BRAFW619ILRMAPEVIR	924	838
>BRAFW619SILWMAPEV	20	>BRAFW619SILRMAPEV	76	56
>BRAFW619SILWMAPEVI	368	>BRAFW619SILRMAPEVI	1360	992
>BRAFW619SILWMAPEV	176	>BRAFW619SILRMAPEV	510	334
>BRAFW619SILWMAPEVI	378	>BRAFW619SILRMAPEVI	318	60
>BRAFW619SILWMAPEV	10	>BRAFW619SILRMAPEV	19	9
>BRAFW619SILWMAPEVI	367	>BRAFW619SILRMAPEVI	930	563
>BRAFW619SILWMAPEV	3	>BRAFW619SILRMAPEV	13	10
>BRAFW619SILWMAPEVI	28	>BRAFW619SILRMAPEVI	175	147
>BRAFW619SILWMAPEV	155	>BRAFW619SILRMAPEV	152	3
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>BRAFW619SILWMAPEVI	67	>BRAFW619SILRMAPEVI	340	273
>BRAFW619SILWMAPEV	15	>BRAFW619SILRMAPEV	80	65
>BRAFW619SILWMAPEV	3	>BRAFW619SILRMAPEV	5	2
>BRAFW619SILWMAPEVI	314	>BRAFW619SILRMAPEVI	932	618
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>BRAFW619SILWMAPEVI	167	>BRAFW619SILRMAPEVIF	176	9
>BRAFW619SILWMAPEVI	52	>BRAFW619SILRMAPEVI	144	92
>BRAFW619SILWMAPEVI	90	>BRAFW619SILRMAPEVIF	281	191
>BRAFW619SILWMAPEV	5	>BRAFW619SILRMAPEV	17	12
>BRAFW619SILWMAPEVI	175	>BRAFW619SILRMAPEVI	1171	996
>BRAFW619SILWMAPEVI	84	>BRAFW619SILRMAPEVIF	273	189
>BRAFW619GSILWMAPEV	412	>BRAFW619GSILRMAPEV	3557	3145
>BRAFW619GSILWMAPEV	295	>BRAFW619GSILRMAPEV	294	1
>BRAFW619GSILWMAPEV	336	>BRAFW619GSILRMAPEV	294	42
>BRAFW619GSILWMAPEV	257	>BRAFW619GSILRMAPEV	268	11
>BRAFW619LSGSILWMA	395	>BRAFW619LSGSILRMA	4367	3972
>BRAFW619LSGSILWM	140	>BRAFW619LSGSILRM	115	25
>BRAFW619LSGSILWM	630	>BRAFW619LSGSILRM	140	490
>BRAFW619QLSGSILWM,	71	>BRAFW619QLSGSILRMA	1777	1706
>BRAFW619QLSGSILWM	51	>BRAFW619QLSGSILRM	127	76
>BRAFW619QLSGSILWM,	31	>BRAFW619QLSGSILRMA	146	115
>BRAFW619QLSGSILWM	231	>BRAFW619QLSGSILRM	671	440
>BRAFW619QLSGSILWM,	89	>BRAFW619QLSGSILRMA	89	0

>BRAFW619QLSGSILWM,	156	>BRAFW619QLSGSILRMA	1992	1836
>BRAFW619QLSGSILWM	335	>BRAFW619QLSGSILRM	371	36
>BRAFW619QLSGSILWM,	27	>BRAFW619QLSGSILRMA	317	290
>BRAFW619QLSGSILWM,	413	>BRAFW619QLSGSILRMA	7844	7431
>BRAFW619QLSGSILWM,	82	>BRAFW619QLSGSILRMA	2421	2339
>BRAFW619QLSGSILWM,	102	>BRAFW619QLSGSILRMA	2901	2799
>BRAFW619QLSGSILWM	17	>BRAFW619QLSGSILRM	22	5
>BRAFW619QLSGSILWM,	5	>BRAFW619QLSGSILRMA	62	57
>BRAFW619QLSGSILW	17633	>BRAFW619QLSGSILR	311	17322
>BRAFW619QLSGSILW	27284	>BRAFW619QLSGSILR	100	27184
>BRAFW619QLSGSILW	207	>BRAFW619QLSGSILR	22237	22030
>BRAFW619QLSGSILW	30426	>BRAFW619QLSGSILR	171	30255
>BRAFW619EQLSGSILWN	53	>BRAFW619EQLSGSILRM	935	882
>BRAFW619EQLSGSILWN	307	>BRAFW619EQLSGSILRM	976	669
>BRAFW619EQLSGSILWN	355	>BRAFW619EQLSGSILRM	1199	844
>BRAFW619EQLSGSILW	34102	>BRAFW619EQLSGSILR	480	33622
>BRAFW619EQLSGSILW	33622	>BRAFW619EQLSGSILR	236	33386
>BRAFW619EQLSGSILWN	399	>BRAFW619EQLSGSILRM	2326	1927
>BRAFW619EQLSGSILWN	277	>BRAFW619EQLSGSILRM	221	56
>BRAFW619EQLSGSILWN	562	>BRAFW619EQLSGSILRM	316	246
>BRAFW619EQLSGSILW	460	>BRAFW619EQLSGSILR	23756	23296
>BRAFW619EQLSGSILW	245	>BRAFW619EQLSGSILR	33263	33018
>BRAFW619EQLSGSILW	33750	>BRAFW619EQLSGSILR	229	33521
>BRAFW619FEQLSGSILW	377	>BRAFW619FEQLSGSILR	12508	12131
>BRAFW619FEQLSGSILW	129	>BRAFW619FEQLSGSILRM	573	444
>BRAFW619FEQLSGSILW	243	>BRAFW619FEQLSGSILRM	642	399
>BRAFW619FEQLSGSILW	385	>BRAFW619FEQLSGSILRM	218	167
>BRAFW619FEQLSGSILW	72	>BRAFW619FEQLSGSILR	19193	19121
>BRAFW619FEQLSGSILW	288	>BRAFW619FEQLSGSILR	25562	25274
>BRAFW619FEQLSGSILW	217	>BRAFW619FEQLSGSILR	9994	9777
>BRAFW619FEQLSGSILW	508	>BRAFW619FEQLSGSILRM	113	395
>BRAFW619FEQLSGSILW	311	>BRAFW619FEQLSGSILR	33503	33192
>BRAFW472SYKKGKWHGD\	236	>BRAFW472SYKKGKWHGD\	1133	897
>BRAFW472SRIGSGSFGTV'	468	>BRAFW472SRIGSGSFGTV'	17810	17342
>BRAFW472SRIGSGSFGTV'	215	>BRAFW472SRIGSGSFGTV'	21839	21624
>BRAFW472SRIGSGSFGTV'	61	>BRAFW472SRIGSGSFGTV'	14347	14286
>BRAFW472SRIGSGSFGTV'	30	>BRAFW472SRIGSGSFGTV'	22334	22304
>BRAFW472SRIGSGSFGTV'	50	>BRAFW472SRIGSGSFGTV'	7101	7051
>BRAFW472SRIGSGSFGTV'	451	>BRAFW472SRIGSGSFGTV'	14972	14521
>BRAFW472SRIGSGSFGTV'	451	>BRAFW472SRIGSGSFGTV'	22220	21769
>BRAFW472SRIGSGSFGTV'	77	>BRAFW472SRIGSGSFGTV'	9875	9798
>BRAFW472STVYKKGKWHG	418	>BRAFW472STVYKKGKWHG	1779	1361
>BRAFW472STVYKKGKWHG	239	>BRAFW472STVYKKGKWHG	3640	3401

>BRAFF-Y472S TVYK GKWHG	266	>BRAFF-Y472S TVSKGKWHG	1902	1636
>BRAFF-Y472S TVYK GKWHG	62	>BRAFF-Y472S TVSKGKWHG	223	161
>BRAFF-Y472S TVYK GKWHG	109	>BRAFF-Y472S TVSKGKWHG	126	17
>BRAFF-Y472S TVYK GKWHG	40	>BRAFF-Y472S TVSKGKWHG	422	382
>BRAFF-Y472S GTVYK GKW	13	>BRAFF-Y472S GTVSKGKW	7	6
>BRAFF-Y472S GTVYK GKW	199	>BRAFF-Y472S GTVSKGKW	173	26
>BRAFF-Y472S GTVYK GKWH	177	>BRAFF-Y472S GTVSKGKWH	101	76
>BRAFF-Y472S FGTVYK GKW	51	>BRAFF-Y472S FGTVSKGKW	124	73
>BRAFF-Y472S SFGTVYK GKV	365	>BRAFF-Y472S SFGTVSKGKV	1217	852
>BRAFF-Y472S GSF GTVYK	62	>BRAFF-Y472S GSF GTVSK	86	24
>BRAFF-Y472S GSF GTVYK GK	119	>BRAFF-Y472S GSF GTVSK GK	135	16
>BRAFF-Y472S GSF GTVYK	6	>BRAFF-Y472S GSF GTVSK	9	3
>BRAFF-Y472S GSF GTVYK GK	39	>BRAFF-Y472S GSF GTVSK GK	63	24
>BRAFF-Y472S GSF GTVYK	37	>BRAFF-Y472S GSF GTVSK	64	27
>BRAFF-Y472S GSF GTVYK GK	338	>BRAFF-Y472S GSF GTVSK GK	333	5
>BRAFF-Y472S GSF GTVYK	89	>BRAFF-Y472S GSF GTVSK	1353	1264
>BRAFF-Y472S GSF GTVYK	25	>BRAFF-Y472S GSF GTVSK	80	55
>BRAFF-Y472S GSF GTVYK GK	645	>BRAFF-Y472S GSF GTVSK GK	498	147
>BRAFF-Y472S GSF GTVYK GK	9	>BRAFF-Y472S GSF GTVSK GK	6	3
>BRAFF-Y472S GSF GTVYK GK	40	>BRAFF-Y472S GSF GTVSK GK	39	1
>BRAFF-Y472S GSF GTVYK GK	29	>BRAFF-Y472S GSF GTVSK GK	28	1
>BRAFF-Y472S GSF GTVYK G	4946	>BRAFF-Y472S GSF GTVSK G	156	4790
>BRAFF-Y472S GSF GTVYK GK	90	>BRAFF-Y472S GSF GTVSK GK	36	54
>BRAFF-Y472S GSF GTVYK GK	103	>BRAFF-Y472S GSF GTVSK GK	143	40
>BRAFF-Y472S GSF GTVYK	74	>BRAFF-Y472S GSF GTVSK	109	35
>BRAFF-Y472S GSF GTVYK GK	141	>BRAFF-Y472S GSF GTVSK GK	294	153
>BRAFF-Y472S SGSF GTVYK	41	>BRAFF-Y472S SGSF GTVSK	195	154
>BRAFF-Y472S SGSF GTVYK	331	>BRAFF-Y472S SGSF GTVSK	791	460
>BRAFF-Y472S SGSF GTVY	89	>BRAFF-Y472S SGSF GTVS	23060	22971
>BRAFF-Y472S SGSF GTVYK	290	>BRAFF-Y472S SGSF GTVSK	1204	914
>BRAFF-Y472S SGSF GTVY	226	>BRAFF-Y472S SGSF GTVS	18546	18320
>BRAFF-Y472S SGSF GTVYK	438	>BRAFF-Y472S SGSF GTVSK	761	323
>BRAFF-Y472S SGSF GTVYK	46	>BRAFF-Y472S SGSF GTVSK	115	69
>BRAFF-Y472S SGSF GTVYK	25	>BRAFF-Y472S SGSF GTVSK	66	41
>BRAFF-Y472S SGSF GTVY	172	>BRAFF-Y472S SGSF GTVS	23556	23384
>BRAFF-Y472S SGSF GTVYK	212	>BRAFF-Y472S SGSF GTVSK	1886	1674
>BRAFF-Y472S SGSF GTVY	86	>BRAFF-Y472S SGSF GTVS	13786	13700
>BRAFF-Y472S SGSF GTVY	197	>BRAFF-Y472S SGSF GTVS	14568	14371
>BRAFF-Y472S SGSF GTVY	154	>BRAFF-Y472S SGSF GTVS	23735	23581
>BRAFF-Y472S SGSF GTVY	4	>BRAFF-Y472S SGSF GTVS	674	670
>BRAFF-Y472S SGSF GTVYK	241	>BRAFF-Y472S SGSF GTVSK	367	126
>BRAFF-Y472S IGSGSF GTVYI	304	>BRAFF-Y472S IGSGSF GTVSI	886	582
>BRAFF-Y472S IGSGSF GTVYI	214	>BRAFF-Y472S IGSGSF GTVSI	1115	901

>BRAF-Y472S IGSFSFGTVY	96	>BRAF-Y472S IGSFSFGTVS	25020	24924
>BRAF-Y472S IGSFSFGTVY	370	>BRAF-Y472S IGSFSFGTVS	29550	29180
>BRAF-Y472S IGSFSFGTVY	146	>BRAF-Y472S IGSFSFGTVS	16883	16737
>BRCA1-C47I CMLKLLNQ	6316	>BRCA1-C47I WMLKLLNQ	456	5860
>BRCA1-C47I CMLKLLNQK	149	>BRCA1-C47I WMLKLLNQK	951	802
>BRCA1-C47I CMLKLLNQKI	177	>BRCA1-C47I WMLKLLNQK	232	55
>BRCA1-C47I CMLKLLNQK	86	>BRCA1-C47I WMLKLLNQK	909	823
>BRCA1-C47I CMLKLLNQKI	215	>BRCA1-C47I WMLKLLNQK	448	233
>BRCA1-C47I CMLKLLNQKI	2465	>BRCA1-C47I WMLKLLNQK	215	2250
>BRCA1-C47I FCMLKLLNQK	13713	>BRCA1-C47I FWMLKLLNQ	410	13303
>BRCA1-C47I FCMLKLLNQK	11071	>BRCA1-C47I FWMLKLLNQ	222	10849
>BRCA1-C47I KFCMLKLLNC	65	>BRCA1-C47I KFWMLKLLN	101	36
>BRCA1-C47I KFCMLKLLNC	49	>BRCA1-C47I KFWMLKLLN	17	32
>BRCA1-C47I KFCMLKLLN	2846	>BRCA1-C47I KFWMLKLLN	225	2621
>BRCA1-C47I KFCMLKLLNC	489	>BRCA1-C47I KFWMLKLLN	94	395
>BRCA1-C47I KFCMLKLLNC	166	>BRCA1-C47I KFWMLKLLN	39	127
>BRCA1-C47I KFCMLKLL	189	>BRCA1-C47I KFWMLKLL	52	137
>BRCA1-C47I KFCMLKLLN	1061	>BRCA1-C47I KFWMLKLLN	412	649
>BRCA1-C47I KFCMLKLLNC	1253	>BRCA1-C47I KFWMLKLLN	441	812
>BRCA1-C47I CKFCMLKL	48	>BRCA1-C47I CKFWMLKL	276	228
>BRCA1-C47I CKFCMLKLL	96	>BRCA1-C47I CKFWMLKLL	769	673
>BRCA1-C47I CKFCMLKLL	1666	>BRCA1-C47I CKFWMLKLL	187	1479
>BRCA1-C47I FCKFCMLK	1227	>BRCA1-C47I FCKFWMLK	355	872
>BRCA1-C47I IFCKFCML	115	>BRCA1-C47I IFCKFWML	354	239
>BRCA1-C47I IFCKFCMLK	380	>BRCA1-C47I IFCKFWMLK	313	67
>BRCA1-C47I IFCKFCMLK	70	>BRCA1-C47I IFCKFWMLK	55	15
>BRCA1-C47I IFCKFCML	1128	>BRCA1-C47I IFCKFWML	251	877
>BRCA1-C47I IFCKFCML	1241	>BRCA1-C47I IFCKFWML	182	1059
>BRCA1-C47I IFCKFCMLKLI	987	>BRCA1-C47I IFCKFWMLKL	464	523
>BRCA1-C47I IFCKFCML	173	>BRCA1-C47I IFCKFWML	51	122
>BRCA1-C47I IFCKFCMLKL	300	>BRCA1-C47I IFCKFWMLKL	264	36
>BRCA1-C47I IFCKFCMLK	332	>BRCA1-C47I IFCKFWMLK	24	308
>BRCA1-C47I IFCKFCMLK	394	>BRCA1-C47I IFCKFWMLK	78	316
>BRCA1-C47I IFCKFCMLK	151	>BRCA1-C47I IFCKFWMLK	125	26
>BRCA1-C47I IFCKFCMLK	195	>BRCA1-C47I IFCKFWMLK	516	321
>BRCA1-C47I IFCKFCMLK	1689	>BRCA1-C47I IFCKFWMLK	422	1267
>BRCA1-C47I IFCKFCMLK	69	>BRCA1-C47I IFCKFWMLK	40	29
>BRCA1-C47I IFCKFCMLKL	327	>BRCA1-C47I IFCKFWMLKL	134	193
>BRCA1-C47I IFCKFCMLKLI	483	>BRCA1-C47I IFCKFWMLKL	543	60
>BRCA1-C47I HIFCKFCML	154	>BRCA1-C47I HIFCKFWML	990	836
>BRCA1-C47I HIFCKFCML	574	>BRCA1-C47I HIFCKFWML	34	540
>BRCA1-C47I HIFCKFCMLK	455	>BRCA1-C47I HIFCKFWMLK	131	324
>BRCA1-C47I HIFCKFCM	1415	>BRCA1-C47I HIFCKFWM	427	988

>BRCA1-C47\HIFCKFCML	158	>BRCA1-C47\HIFCKFWML	22	136
>BRCA1-C47\HIFCKFCMLK	172	>BRCA1-C47\HIFCKFWMLI	94	78
>BRCA1-C47\HIFCKFCML	330	>BRCA1-C47\HIFCKFWML	191	139
>BRCA1-C47\HIFCKFCMLK	341	>BRCA1-C47\HIFCKFWMLI	261	80
>BRCA1-C47\HIFCKFCM	1248	>BRCA1-C47\HIFCKFWM	339	909
>BRCA1-C47\HIFCKFCML	134	>BRCA1-C47\HIFCKFWML	11	123
>BRCA1-C47\HIFCKFCMLK	350	>BRCA1-C47\HIFCKFWMLI	132	218
>BRCA1-C47\HIFCKFCML	86	>BRCA1-C47\HIFCKFWML	16	70
>BRCA1-C47\HIFCKFCMLK	652	>BRCA1-C47\HIFCKFWMLI	109	543
>BRCA1-C47\HIFCKFCML	610	>BRCA1-C47\HIFCKFWML	73	537
>BRCA1-C47\HIFCKFCML	937	>BRCA1-C47\HIFCKFWML	257	680
>BRCA1-C47\HIFCKFCML	490	>BRCA1-C47\HIFCKFWML	102	388
>BRCA1-C47\HIFCKFCMLK	1212	>BRCA1-C47\HIFCKFWMLI	334	878
>BRCA1-C47\HIFCKFCMLK	22	>BRCA1-C47\HIFCKFWMLI	36	14
>BRCA1-C47\HIFCKFCMLK	19	>BRCA1-C47\HIFCKFWMLI	23	4
>BRCA1-C47\HIFCKFCM	945	>BRCA1-C47\HIFCKFWM	451	494
>BRCA1-C47\HIFCKFCMLK	12	>BRCA1-C47\HIFCKFWMLI	10	2
>BRCA1-C47\HIFCKFCMLK	181	>BRCA1-C47\HIFCKFWMLI	132	49
>BRCA1-C47\HIFCKFCMLK	586	>BRCA1-C47\HIFCKFWMLI	311	275
>BRCA1-C47\HIFCKFCMLK	16	>BRCA1-C47\HIFCKFWMLI	16	0
>BRCA1-C47\HIFCKFCM	697	>BRCA1-C47\HIFCKFWM	271	426
>BRCA1-C47\HIFCKFCML	59	>BRCA1-C47\HIFCKFWML	14	45
>BRCA1-C47\HIFCKFCMLK	76	>BRCA1-C47\HIFCKFWMLI	49	27
>BRCA1-C47\HIFCKFCM	2257	>BRCA1-C47\HIFCKFWM	480	1777
>BRCA1-C47\HIFCKFCML	201	>BRCA1-C47\HIFCKFWML	34	167
>BRCA1-C47\HIFCKFCMLK	598	>BRCA1-C47\HIFCKFWMLI	101	497
>BRCA1-C47\HIFCKFCML	30	>BRCA1-C47\HIFCKFWML	27	3
>BRCA1-C47\HIFCKFCMLK	376	>BRCA1-C47\HIFCKFWMLI	358	18
>BRCA1-C47\HIFCKFCMLK	339	>BRCA1-C47\HIFCKFWMLI	459	120
>BRCA1-C47\HIFCKFCMLK	782	>BRCA1-C47\HIFCKFWMLI	285	497
>BRCA1-C47\HIFCKFCMLK	29	>BRCA1-C47\HIFCKFWMLI	20	9
>BRCA1-C47\DHIFCKFCML	207	>BRCA1-C47\DHIFCKFWM	231	24
>BRCA1-C47\CDHIFCKFC	6312	>BRCA1-C47\CDHIFCKFW	404	5908
>BRCA1-C47\CDHIFCKFCM	575	>BRCA1-C47\CDHIFCKFWI	269	306
>BRCA1-C47\CDHIFCKFCM	233	>BRCA1-C47\CDHIFCKFWI	108	125
>BRCA1-C47\KCDHIFCKFCI	2390	>BRCA1-C47\KCDHIFCKFW	397	1993
>BRCA1-G10\GPKLNAML	572	>BRCA1-G10\WPKLNAML	167	405
>BRCA1-G10\GPKLNAML	3146	>BRCA1-G10\WPKLNAML	382	2764
>BRCA1-G10\GPKLNAMLR	2096	>BRCA1-G10\WPKLNAMLF	395	1701
>BRCA1-G10\RGPKLNAML	343	>BRCA1-G10\RWPKLNAML	16686	16343
>BRCA1-G10\RGPKLNAML	11384	>BRCA1-G10\RWPKLNAML	140	11244
>BRCA1-G10\RGPKLNAMLI	12425	>BRCA1-G10\RWPKLNAML	175	12250
>BRCA1-G10\RGPKLNAM	17100	>BRCA1-G10\RWPKLNAM	80	17020

>BRCA1-G10' RGPKNAML	11635	>BRCA1-G10' RWPKNAML	8	11627
>BRCA1-G10' RGPKNAML	11986	>BRCA1-G10' RWPKNAML	12	11974
>BRCA1-G10' RGPKNAML	418	>BRCA1-G10' RWPKNAML	74	344
>BRCA1-G10' RGPKNAML	21	>BRCA1-G10' RWPKNAML	65	44
>BRCA1-G10' RGPKNAML	47	>BRCA1-G10' RWPKNAML	185	138
>BRCA1-G10' RGPKNAML	39	>BRCA1-G10' RWPKNAML	10	29
>BRCA1-G10' RGPKNAM	31834	>BRCA1-G10' RWPKNAM	67	31767
>BRCA1-G10' RGPKNAML	33929	>BRCA1-G10' RWPKNAML	165	33764
>BRCA1-G10' RGPKNAML	34952	>BRCA1-G10' RWPKNAML	246	34706
>BRCA1-G10' NRGPKLNAM	6045	>BRCA1-G10' NRWPKLNAM	319	5726
>BRCA1-G10' NRGPKLNAM	1614	>BRCA1-G10' NRWPKLNAM	150	1464
>BRCA1-G10' NRGPKLNAM	5694	>BRCA1-G10' NRWPKLNAM	171	5523
>BRCA1-G10' NRGPKLNA	3890	>BRCA1-G10' NRWPKLNA	136	3754
>BRCA1-G10' NRGPKLNAM	2392	>BRCA1-G10' NRWPKLNAM	300	2092
>BRCA1-G10' NRGPKLNAM	2582	>BRCA1-G10' NRWPKLNAM	87	2495
>BRCA1-G10' NRGPKLNAM	668	>BRCA1-G10' NRWPKLNAM	180	488
>BRCA1-G10' NRGPKLNAM	5762	>BRCA1-G10' NRWPKLNAM	292	5470
>BRCA1-G10' NRGPKLNAM	897	>BRCA1-G10' NRWPKLNAM	122	775
>BRCA1-G10' RNRGPKLNA	62	>BRCA1-G10' RNRWPKLNA	111	49
>BRCA1-G10' RNRGPKLNAI	145	>BRCA1-G10' RNRWPKLNA	248	103
>BRCA1-G10' RNRGPKLNAI	177	>BRCA1-G10' RNRWPKLNA	299	122
>BRCA1-G10' RNRGPKLNAI	190	>BRCA1-G10' RNRWPKLNA	202	12
>BRCA1-G10' RNRGPKLNAI	449	>BRCA1-G10' RNRWPKLNA	193	256
>BRCA1-G10' RNRGPKLNAI	2363	>BRCA1-G10' RNRWPKLNA	488	1875
>BRCA1-G10' GRNRGPKL	282	>BRCA1-G10' GRNRWPKL	105	177
>BRCA1-G10' GRNRGPKLN,	736	>BRCA1-G10' GRNRWPKLN	202	534
>BRCA1-G10' GRNRGPKLN,	439	>BRCA1-G10' GRNRWPKLN	182	257
>BRCA1-G10' GRNRGPKL	342	>BRCA1-G10' GRNRWPKL	1003	661
>BRCA1-G10' GRNRGPKLN,	228	>BRCA1-G10' GRNRWPKLN	232	4
>BRCA1-G10' LGRNRGPK	10	>BRCA1-G10' LGRNRWPK	8	2
>BRCA1-G10' LGRNRGPKL	942	>BRCA1-G10' LGRNRWPKL	123	819
>BRCA1-G10' LGRNRGPKL	354	>BRCA1-G10' LGRNRWPKL	150	204
>BRCA1-G10' LGRNRGPKL	1042	>BRCA1-G10' LGRNRWPKL	376	666
>BRCA1-G10' ELGRNRGPKL	1596	>BRCA1-G10' ELGRNRWPK	491	1105
>BRCA1-G10' ELGRNRGPKL	1702	>BRCA1-G10' ELGRNRWPK	489	1213
>BRCA1-G10' ELGRNRGPKL	115	>BRCA1-G10' ELGRNRWPK	31	84
>BRCA1-G10' ELGRNRGPK	954	>BRCA1-G10' ELGRNRWPK	407	547
>BRCA1-G10' AELGRNRGPI	53	>BRCA1-G10' AELGRNRWP	49	4
>BRCA1-G10' AELGRNRGPI	139	>BRCA1-G10' AELGRNRWP	106	33
>BRCA1-G10' AELGRNRG	9535	>BRCA1-G10' AELGRNRW	152	9383
>BRCA1-G10' AELGRNRG	5345	>BRCA1-G10' AELGRNRW	32	5313
>BRCA1-G10' AELGRNRGPI	249	>BRCA1-G10' AELGRNRWP	145	104
>BRCA1-G10' AELGRNRGPI	554	>BRCA1-G10' AELGRNRWP	221	333

>BRCA1-G10: AELGRNRGPI	37	>BRCA1-G10: AELGRNRWP	30	7
>BRCA1-G77: GTQESISLLEV	233	>BRCA1-G77: CTQESISLLEV	551	318
>BRCA1-G77: GTQESISLL	447	>BRCA1-G77: CTQESISLL	944	497
>BRCA1-G77: GTQESISLL	361	>BRCA1-G77: CTQESISLL	689	328
>BRCA1-G77: GTQESISLLEV	107	>BRCA1-G77: CTQESISLLEV	240	133
>BRCA1-G77: GTQESISLLEV	97	>BRCA1-G77: CTQESISLLEV	209	112
>BRCA1-G77: GTQESISLLEV	49	>BRCA1-G77: CTQESISLLEV	221	172
>BRCA1-G77: GTQESISLLEV	82	>BRCA1-G77: CTQESISLLEV	875	793
>BRCA1-G77: GTQESISLLEV	174	>BRCA1-G77: CTQESISLLEV	2951	2777
>BRCA1-G77: GTQESISLLEV	47	>BRCA1-G77: CTQESISLLEV	307	260
>BRCA1-G77: GTQESISLL	8562	>BRCA1-G77: CTQESISLL	320	8242
>BRCA1-G77: GTQESISLLEV	3734	>BRCA1-G77: CTQESISLLEV	184	3550
>BRCA1-G77: GTQESISL	31	>BRCA1-G77: CTQESISL	89	58
>BRCA1-G77: GTQESISLL	18	>BRCA1-G77: CTQESISLL	47	29
>BRCA1-G77: GTQESISLLEV	311	>BRCA1-G77: CTQESISLLEV	928	617
>BRCA1-G77: GTQESISLL	59	>BRCA1-G77: CTQESISLL	32	27
>BRCA1-G77: GTQESISLL	15	>BRCA1-G77: CTQESISLL	173	158
>BRCA1-G77: GTQESISL	551	>BRCA1-G77: CTQESISL	46	505
>BRCA1-G77: GTQESISLL	617	>BRCA1-G77: CTQESISLL	34	583
>BRCA1-G77: YGTQESISLL	190	>BRCA1-G77: YCTQESISLL	793	603
>BRCA1-G77: DYGQTQESI	202	>BRCA1-G77: DYCTQESI	22	180
>BRCA1-G77: DYGQTQESISLL	823	>BRCA1-G77: DYCTQESISLL	87	736
>BRCA1-G77: TDYGTQESI	176	>BRCA1-G77: TDYCTQESI	129	47
>BRCA1-G77: TDYGTQESISI	445	>BRCA1-G77: TDYCTQESISL	1342	897
>BRCA1-G77: TDYGTQESISI	439	>BRCA1-G77: TDYCTQESISL	1026	587
>BRCA1-G77: TDYGTQESI	1023	>BRCA1-G77: TDYCTQESI	339	684
>BRCA1-G77: TDYGTQESI	29	>BRCA1-G77: TDYCTQESI	25	4
>BRCA1-G77: GTDYGQTQESI	190	>BRCA1-G77: GTDYCTQESI	294	104
>BRCA1-G77: SLVPGTDYGT	357	>BRCA1-G77: SLVPGTDYCT	742	385
>BRCA1-G77: SLVPGTDYG	412	>BRCA1-G77: SLVPGTDYC	649	237
>BRCA1-G77: SLVPGTDYGT	107	>BRCA1-G77: SLVPGTDYCT	208	101
>BRCA1-G77: SLVPGTDYG	1774	>BRCA1-G77: SLVPGTDYC	233	1541
>BRCA1-G77: SLVPGTDYGT	255	>BRCA1-G77: SLVPGTDYCT	576	321
>BRCA1-G77: SLVPGTDYG	914	>BRCA1-G77: SLVPGTDYC	31	883
>BRCA1-G77: SLVPGTDYGT	130	>BRCA1-G77: SLVPGTDYCT	659	529
>BRCA1-G77: SLVPGTDYG	5872	>BRCA1-G77: SLVPGTDYC	194	5678
>BRCA1-G77: SLVPGTDYGT	289	>BRCA1-G77: SLVPGTDYCT	744	455
>BRCA1-G77: SLVPGTDYG	1704	>BRCA1-G77: SLVPGTDYC	150	1554
>BRCA1-G77: SLVPGTDYGT	143	>BRCA1-G77: SLVPGTDYCT	165	22
>BRCA1-G77: SLVPGTDYGT	2088	>BRCA1-G77: SLVPGTDYCT	363	1725
>BRCA1-G77: SLVPGTDYG	2729	>BRCA1-G77: SLVPGTDYC	17	2712
>BRCA1-G77: SLVPGTDYGT	33	>BRCA1-G77: SLVPGTDYCT	120	87
>BRCA1-G77: SLVPGTDYGT	141	>BRCA1-G77: SLVPGTDYCT	17	124

>BRCA1-L30F LIKEPVST	1101	>BRCA1-L30F FIKEPVST	82	1019
>BRCA1-L30F LIKEPVSTKC	1992	>BRCA1-L30F FIKEPVSTKC	419	1573
>BRCA1-L30F LIKEPVSTK	169	>BRCA1-L30F FIKEPVSTK	517	348
>BRCA1-L30F LIKEPVSTK	50	>BRCA1-L30F FIKEPVSTK	1461	1411
>BRCA1-L30F LIKEPVSTK	521	>BRCA1-L30F FIKEPVSTK	106	415
>BRCA1-L30F ELIKEPVSTK	448	>BRCA1-L30F EFIKEPVSTK	4528	4080
>BRCA1-L30F ELIKEPVSTK	271	>BRCA1-L30F EFIKEPVSTK	164	107
>BRCA1-L30F KILECPICLEL	15	>BRCA1-L30F KILECPICLEF	2000	1985
>BRCA1-L30F KILECPICLEL	210	>BRCA1-L30F KILECPICLEF	6202	5992
>BRCA1-L30F KILECPICLEL	24	>BRCA1-L30F KILECPICLEF	186	162
>BRCA1-L30F KILECPICLEL	42	>BRCA1-L30F KILECPICLEF	3130	3088
>BRCA1-L30F KILECPICLEL	154	>BRCA1-L30F KILECPICLEF	12774	12620
>BRCA1-L30F KILECPICLEL	59	>BRCA1-L30F KILECPICLEF	11036	10977
>BRCA1-L30F KILECPICLEL	84	>BRCA1-L30F KILECPICLEF	13636	13552
>BRCA1-L30F KILECPICLEL	103	>BRCA1-L30F KILECPICLEF	17277	17174
>BRCA1-L30F KILECPICLEL	5592	>BRCA1-L30F KILECPICLEF	328	5264
>BRCA1-L30F KILECPICLEL	178	>BRCA1-L30F KILECPICLEF	38	140
>BRCA1-L30F KILECPICLEL	1735	>BRCA1-L30F KILECPICLEF	92	1643
>BRCA1-L30F KILECPICLEL	1476	>BRCA1-L30F KILECPICLEF	132	1344
>BRCA1-L30F KILECPICLEL	2959	>BRCA1-L30F KILECPICLEF	128	2831
>BRCA1-L30F LELIKEPV	957	>BRCA1-L30F LEFIKEPV	418	539
>BRCA1-L30F LELIKEPV	556	>BRCA1-L30F LEFIKEPV	182	374
>BRCA1-L30F LELIKEPV	217	>BRCA1-L30F LEFIKEPV	104	113
>BRCA1-L30F LELIKEPV	101	>BRCA1-L30F LEFIKEPV	210	109
>BRCA1-L30F CLELIKEPV	459	>BRCA1-L30F CLEFIKEPV	199	260
>BRCA1-L30F CLELIKEPV	923	>BRCA1-L30F CLEFIKEPV	309	614
>BRCA1-L30F CLELIKEPV	61	>BRCA1-L30F CLEFIKEPV	44	17
>BRCA1-L30F CLELIKEPV	2161	>BRCA1-L30F CLEFIKEPV	468	1693
>BRCA1-L30F ICLELIKEPV	1036	>BRCA1-L30F ICLEFIKEPV	494	542
>BRCA1-L30F ICLELIKEPV	59	>BRCA1-L30F ICLEFIKEPV	29	30
>BRCA1-L30F ICLELIKEPV	711	>BRCA1-L30F ICLEFIKEPV	286	425
>BRCA1-L30F CPICLELI	2788	>BRCA1-L30F CPICLEFI	243	2545
>BRCA1-L30F CPICLELI	362	>BRCA1-L30F CPICLEFI	705	343
>BRCA1-L30F CPICLELI	57	>BRCA1-L30F CPICLEFI	83	26
>BRCA1-L30F CPICLELI	232	>BRCA1-L30F CPICLEFI	480	248
>BRCA1-L30F CPICLELIK	2447	>BRCA1-L30F CPICLEFIK	426	2021
>BRCA1-L30F ECPILELI	353	>BRCA1-L30F ECPILEFI	126	227
>BRCA1-L30F LECPILEL	69	>BRCA1-L30F LECPILEF	229	160
>BRCA1-L30F LECPILELI	8	>BRCA1-L30F LECPILEFI	6	2
>BRCA1-L30F LECPILEL	7214	>BRCA1-L30F LECPILEF	386	6828
>BRCA1-L30F LECPILEL	4023	>BRCA1-L30F LECPILEF	261	3762
>BRCA1-L30F LECPILEL	111	>BRCA1-L30F LECPILEF	15	96
>BRCA1-L30F LECPILEL	51	>BRCA1-L30F LECPILEF	382	331



>BRCA1-L30FLECPICLEL	189	>BRCA1-L30FLECPICLEF	522	333
>BRCA1-L30FLECPICLEL	948	>BRCA1-L30FLECPICLEF	130	818
>BRCA1-L30FLECPICLELI	99	>BRCA1-L30FLECPICLEFI	58	41
>BRCA1-L30FILECPICLEL	281	>BRCA1-L30FILECPICLEF	6985	6704
>BRCA1-L30FILECPICLELI	515	>BRCA1-L30FILECPICLEFI	273	242
>BRCA1-L30FILECPICLEL	211	>BRCA1-L30FILECPICLEF	14197	13986
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>BRCA1-L30FILECPICLEL	347	>BRCA1-L30FILECPICLEF	15218	14871
>BRCA1-L30FILECPICLELI	714	>BRCA1-L30FILECPICLEFI	311	403
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>BRCA1-L30FILECPICLEL	248	>BRCA1-L30FILECPICLEF	11654	11406
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>BRCA1-L75εLQTERSVES	599	>BRCA1-L75εFQTERSVES	43	556
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>BRCA1-L75εVLQTERSV	496	>BRCA1-L75εVFQTERSV	17789	17293
>BRCA1-L75εVLQTERSV	156	>BRCA1-L75εVFQTERSV	14729	14573
>BRCA1-L75εVLQTERSV	30	>BRCA1-L75εVFQTERSV	12722	12692
>BRCA1-L75εVLQTERSV	48	>BRCA1-L75εVFQTERSV	17666	17618
>BRCA1-L75εVLQTERSV	172	>BRCA1-L75εVFQTERSV	18500	18328
>BRCA1-L75εVLQTERSV	268	>BRCA1-L75εVFQTERSV	19664	19396
>BRCA1-L75εVLQTERSV	4	>BRCA1-L75εVFQTERSV	5507	5503
>BRCA1-L75εKDLMLSGER\	177	>BRCA1-L75εKDLMLSGER\	377	200
>BRCA1-L75εRVLQTERSV	82	>BRCA1-L75εRVFQTERSV	47	35
>BRCA1-L75εRVLQTERSV	498	>BRCA1-L75εRVFQTERSV	502	4
>BRCA1-L75εRVLQTERSV	307	>BRCA1-L75εRVFQTERSV	126	181
>BRCA1-L75εRVLQTERSV	557	>BRCA1-L75εRVFQTERSV	267	290
>BRCA1-L75εRVLQTERSV	551	>BRCA1-L75εRVFQTERSV	118	433
>BRCA1-L75εERVLQTER	641	>BRCA1-L75εERVFQTER	142	499
>BRCA1-L75εGERVLQTERS	674	>BRCA1-L75εGERVFQTERS	489	185
>BRCA1-L75εGERVLQTERS	58	>BRCA1-L75εGERVFQTERS	57	1
>BRCA1-L75εGERVLQTERS	370	>BRCA1-L75εGERVFQTERS	154	216
>BRCA1-L75εGERVLQTER	711	>BRCA1-L75εGERVFQTER	491	220
>BRCA1-L75εGERVLQTERS	31	>BRCA1-L75εGERVFQTERS	29	2
>BRCA1-L75εLSGERVLQTE	245	>BRCA1-L75εLSGERVFQTE	76	169
>BRCA1-L75εLSGERVLQTE	557	>BRCA1-L75εLSGERVFQTE	222	335
>BRCA1-L75εMLSGERVLQ	659	>BRCA1-L75εMLSGERVFQ	336	323
>BRCA1-L75εMLSGERVL	17	>BRCA1-L75εMLSGERVF	1231	1214
>BRCA1-L75εMLSGERVLQ	169	>BRCA1-L75εMLSGERVFQ	70	99
>BRCA1-L75εMLSGERVLQ	264	>BRCA1-L75εMLSGERVFQ	173	91

>BRCA1-L75εMLSGERVL	193	>BRCA1-L75εMLSGERVF	9409	9216
>BRCA1-L75εMLSGERVLO`	157	>BRCA1-L75εMLSGERVFO`	422	265
>BRCA1-L75εMLSGERVL	119	>BRCA1-L75εMLSGERVF	6780	6661
>BRCA1-L75εMLSGERVLO`	414	>BRCA1-L75εMLSGERVFO`	124	290
>BRCA1-L75εMLSGERVLO`	1485	>BRCA1-L75εMLSGERVFO`	377	1108
>BRCA1-L75εMLSGERVLO`	2167	>BRCA1-L75εMLSGERVFO`	349	1818
>BRCA1-L75εMLSGERVL	5	>BRCA1-L75εMLSGERVF	2526	2521
>BRCA1-L75εMLSGERVLO	26	>BRCA1-L75εMLSGERVFO	21	5
>BRCA1-L75εMLSGERVLO`	9	>BRCA1-L75εMLSGERVFO`	6	3
>BRCA1-L75εMLSGERVL	2907	>BRCA1-L75εMLSGERVF	127	2780
>BRCA1-L75εMLSGERVL	2901	>BRCA1-L75εMLSGERVF	133	2768
>BRCA1-L75εMLSGERVL	5159	>BRCA1-L75εMLSGERVF	443	4716
>BRCA1-L75εLMLSGERVLC	731	>BRCA1-L75εLMLSGERVFC	239	492
>BRCA1-L75εLMLSGERVLC	1528	>BRCA1-L75εLMLSGERVFC	384	1144
>BRCA1-L75εLMLSGERVL	16	>BRCA1-L75εLMLSGERVF	1836	1820
>BRCA1-L75εLMLSGERVLC	47	>BRCA1-L75εLMLSGERVFC	22	25
>BRCA1-L75εLMLSGERVL	105	>BRCA1-L75εLMLSGERVF	13746	13641
>BRCA1-L75εLMLSGERVL	114	>BRCA1-L75εLMLSGERVF	12465	12351
>BRCA1-L75εLMLSGERVLC	252	>BRCA1-L75εLMLSGERVFC	93	159
>BRCA1-L75εLMLSGERVL	205	>BRCA1-L75εLMLSGERVF	12258	12053
>BRCA1-L75εLMLSGERVLC	381	>BRCA1-L75εLMLSGERVFC	73	308
>BRCA1-L75εLMLSGERVL	19	>BRCA1-L75εLMLSGERVF	11300	11281
>BRCA1-L75εLMLSGERVLC	224	>BRCA1-L75εLMLSGERVFC	180	44
>BRCA1-L75εLMLSGERVLC	56	>BRCA1-L75εLMLSGERVFC	32	24
>BRCA1-L75εLMLSGERVL	5519	>BRCA1-L75εLMLSGERVF	340	5179
>BRCA1-L75εLMLSGERVL	903	>BRCA1-L75εLMLSGERVF	60	843
>BRCA1-L75εLMLSGERVL	1580	>BRCA1-L75εLMLSGERVF	120	1460
>BRCA1-L75εLMLSGERVL	54	>BRCA1-L75εLMLSGERVF	4	50
>BRCA1-L75εDLMLSGERVI	4417	>BRCA1-L75εDLMLSGERVI	345	4072
>BRCA1-S114MGSSHASQV	442	>BRCA1-S114MGSGHASQ\	338	104
>BRCA1-S114MGSSHASQV	2434	>BRCA1-S114MGSGHASQ\	459	1975
>BRCA1-S114MGSSHASQV	421	>BRCA1-S114MGSGHASQ\	1139	718
>BRCA1-S114PMGSSHASQ	24	>BRCA1-S114PMGSGHASC	16	8
>BRCA1-S114PMGSSHASQ	93	>BRCA1-S114PMGSGHASC	57	36
>BRCA1-S114PMGSSHASQ	41	>BRCA1-S114PMGSGHASC	32	9
>BRCA1-S114PMGSSHASQ	8	>BRCA1-S114PMGSGHASC	5	3
>BRCA1-S114QPMGSSHAS	99	>BRCA1-S114QPMGSGHAS	191	92
>BRCA1-S114QPMGSSHAS	945	>BRCA1-S114QPMGSGHAS	413	532
>BRCA1-S114QPMGSSHAS	533	>BRCA1-S114QPMGSGHAS	222	311
>BRCA1-S114QPMGSSHAS	38	>BRCA1-S114QPMGSGHAS	29	9
>BRCA1-S114QPMGSSHAS	100	>BRCA1-S114QPMGSGHAS	353	253
>BRCA1-S114QPMGSSHAS	259	>BRCA1-S114QPMGSGHAS	465	206
>BRCA1-S114QPMGSSHA	217	>BRCA1-S114QPMGSGHA	181	36

>BRCA1-S114QPMGSSHAS	660	>BRCA1-S114QPMGSGHAS	445	215
>BRCA1-S114QPMGSSHAS	513	>BRCA1-S114QPMGSGHAS	353	160
>BRCA1-S114LEQPMGSSH	435	>BRCA1-S114LEQPMGSGH	417	18
>BRCA1-S114LEQPMGSSH	393	>BRCA1-S114LEQPMGSGH	389	4
>BRCA1-S114SPEHLKDEVS	392	>BRCA1-S114TPEHLKDEVS	2180	1788
>BRCA1-S114SPEHLKDEVS	399	>BRCA1-S114TPEHLKDEVS	184	215
>BRCA1-S114NSPEHLKDEV	797	>BRCA1-S114NTPEHLKDEV	93	704
>BRCA1-S114NSPEHLKDEV	3330	>BRCA1-S114NTPEHLKDEV	254	3076
>BRCA1-S114ENNSPEHLK	109	>BRCA1-S114ENNTPEHLK	195	86
>BRCA1-S114KENNSPEHL	385	>BRCA1-S114KENNTPEHL	712	327
>BRCA1-S114KENNSPEHL	58	>BRCA1-S114KENNTPEHL	68	10
>BRCA1-S114KENNSPEHL	233	>BRCA1-S114KENNTPEHL	311	78
>BRCA1-S114KENNSPEHL	120	>BRCA1-S114KENNTPEHL	191	71
>BRCA1-S114KKENNSPEHL	219	>BRCA1-S114KKENNTPEHL	315	96
>BRCA1-S114AKKENNSPEH	241	>BRCA1-S114AKKENNTPEH	279	38
>BRCA1-S114AKKENNSPEH	30	>BRCA1-S114AKKENNTPEH	37	7
>BRCA2-D30:DECYNLLA	164	>BRCA2-D30:EECYNLLA	58	106
>BRCA2-D30:DECYNLLAI	53	>BRCA2-D30:EECYNLLAI	39	14
>BRCA2-D30:DECYNLLA	338	>BRCA2-D30:EECYNLLA	8582	8244
>BRCA2-D30:DECYNLLAI	16	>BRCA2-D30:EECYNLLAI	753	737
>BRCA2-D30:DECYNLLAIKF	5	>BRCA2-D30:EECYNLLAIKF	53	48
>BRCA2-D30:DECYNLLAI	313	>BRCA2-D30:EECYNLLAI	58	255
>BRCA2-D30:DECYNLLAIKF	1632	>BRCA2-D30:EECYNLLAIKF	337	1295
>BRCA2-D30:DECYNLLAI	3450	>BRCA2-D30:EECYNLLAI	497	2953
>BRCA2-D30:DECYNLLAIKF	194	>BRCA2-D30:EECYNLLAIKF	60	134
>BRCA2-D30:DECYNLLA	1393	>BRCA2-D30:EECYNLLA	24	1369
>BRCA2-D30:DECYNLLAI	7123	>BRCA2-D30:EECYNLLAI	139	6984
>BRCA2-D30:DECYNLLAI	824	>BRCA2-D30:EECYNLLAI	218	606
>BRCA2-D30:SDECYNLL	590	>BRCA2-D30:SEECYNLL	14	576
>BRCA2-D30:SDECYNLLAI	1124	>BRCA2-D30:SEECYNLLAI	48	1076
>BRCA2-D30:SDECYNLL	13814	>BRCA2-D30:SEECYNLL	32	13782
>BRCA2-D30:SDECYNLLAI	8891	>BRCA2-D30:SEECYNLLAI	348	8543
>BRCA2-D30:SDECYNLLA	5208	>BRCA2-D30:SEECYNLLA	20	5188
>BRCA2-D30:SDECYNLLAI	854	>BRCA2-D30:SEECYNLLAI	21	833
>BRCA2-D30:SDECYNLL	414	>BRCA2-D30:SEECYNLL	13313	12899
>BRCA2-D30:SDECYNLLAI	63	>BRCA2-D30:SEECYNLLAI	3248	3185
>BRCA2-D30:LSDECYNLL	386	>BRCA2-D30:LSEECYNLL	841	455
>BRCA2-D30:LSDECYNLL	238	>BRCA2-D30:LSEECYNLL	557	319
>BRCA2-D30:LSDECYNL	345	>BRCA2-D30:LSEECYNL	446	101
>BRCA2-D30:LSDECYNLL	51	>BRCA2-D30:LSEECYNLL	32	19
>BRCA2-D30:LSDECYNLL	513	>BRCA2-D30:LSEECYNLL	193	320
>BRCA2-D30:LSDECYNLLAI	60	>BRCA2-D30:LSEECYNLLAI	43	17
>BRCA2-D30:YLSEECYNL	7	>BRCA2-D30:YLSEECYNL	7	0

>BRCA2-D30:YLSDECYNLL	15	>BRCA2-D30:YLSEECYNLL	18	3
>BRCA2-D30:YLSDECYNLL/	9	>BRCA2-D30:YLSEECYNLLA	9	0
>BRCA2-D30:YLSDECYN	170	>BRCA2-D30:YLSEECYN	213	43
>BRCA2-D30:YLSDECYNL	2	>BRCA2-D30:YLSEECYNL	2	0
>BRCA2-D30:YLSDECYNLL	7	>BRCA2-D30:YLSEECYNLL	9	2
>BRCA2-D30:YLSDECYNLL/	4	>BRCA2-D30:YLSEECYNLLA	4	0
>BRCA2-D30:YLSDECYNL	5	>BRCA2-D30:YLSEECYNL	6	1
>BRCA2-D30:YLSDECYNLL	29	>BRCA2-D30:YLSEECYNLL	33	4
>BRCA2-D30:YLSDECYNLL/	5	>BRCA2-D30:YLSEECYNLLA	5	0
>BRCA2-D30:YLSDECYNL	30	>BRCA2-D30:YLSEECYNL	27	3
>BRCA2-D30:YLSDECYNLL	69	>BRCA2-D30:YLSEECYNLL	83	14
>BRCA2-D30:YLSDECYNLL/	27	>BRCA2-D30:YLSEECYNLLA	28	1
>BRCA2-D30:YLSDECYN	239	>BRCA2-D30:YLSEECYN	169	70
>BRCA2-D30:YLSDECYNL	6	>BRCA2-D30:YLSEECYNL	5	1
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>BRCA2-D30:YLSDECYNLL/	15	>BRCA2-D30:YLSEECYNLLA	11	4
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>BRCA2-D30:YLSDECYNL	8	>BRCA2-D30:YLSEECYNL	7	1
>BRCA2-D30:YLSDECYNLL	11	>BRCA2-D30:YLSEECYNLL	9	2
>BRCA2-D30:YLSDECYNLL/	23	>BRCA2-D30:YLSEECYNLLA	19	4
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>BRCA2-D30:YLSDECYNLL	6	>BRCA2-D30:YLSEECYNLL	7	1
>BRCA2-D30:YLSDECYNLL/	23	>BRCA2-D30:YLSEECYNLLA	31	8
>BRCA2-D30:YLSDECYN	46	>BRCA2-D30:YLSEECYN	130	84
>BRCA2-D30:YLSDECYNL	2	>BRCA2-D30:YLSEECYNL	2	0
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>BRCA2-D30:YLSDECYNLL/	3	>BRCA2-D30:YLSEECYNLLA	3	0
>BRCA2-D30:YLSDECYNLL	498	>BRCA2-D30:YLSEECYNLL	629	131
>BRCA2-D30:VYLSDECYNLI	309	>BRCA2-D30:VYLSEECYNLI	168	141
>BRCA2-D30:VYLSDECYNL	92	>BRCA2-D30:VYLSEECYNL	184	92
>BRCA2-D30:VYLSDECYNLI	146	>BRCA2-D30:VYLSEECYNLI	95	51
>BRCA2-D30:VYLSDECYNL	234	>BRCA2-D30:VYLSEECYNL	348	114
>BRCA2-D30:VYLSDECYNLI	179	>BRCA2-D30:VYLSEECYNLI	119	60
>BRCA2-D30:VYLSDECYNL	16	>BRCA2-D30:VYLSEECYNL	10	6
>BRCA2-D30:VYLSDECYNLI	13	>BRCA2-D30:VYLSEECYNLI	10	3
>BRCA2-D30:VYLSDECY	163	>BRCA2-D30:VYLSEECY	325	162
>BRCA2-D30:VYLSDECY	243	>BRCA2-D30:VYLSEECY	365	122
>BRCA2-D30:FVYLSDECYN	542	>BRCA2-D30:FVYLSEECYNI	353	189
>BRCA2-D30:FVYLSDECYN	79	>BRCA2-D30:FVYLSEECYNI	80	1
>BRCA2-D30:FVYLSDECYN	17	>BRCA2-D30:FVYLSEECYNI	19	2
>BRCA2-D30:FVYLSDECYN	141	>BRCA2-D30:FVYLSEECYNI	161	20

>BRCA2-D30!FVYLSDECYN	44	>BRCA2-D30!FVYLSEECYNI	57	13
>BRCA2-D30!FVYLSDECYN	234	>BRCA2-D30!FVYLSEECYNI	181	53
>BRCA2-D30!FVYLSDECYN	268	>BRCA2-D30!FVYLSEECYNI	331	63
>BRCA2-D30!FVYLSDECYN	241	>BRCA2-D30!FVYLSEECYNI	234	7
>BRCA2-D30!FVYLSDECYN	521	>BRCA2-D30!FVYLSEECYNI	450	71
>BRCA2-D30!FVYLSDECYN	100	>BRCA2-D30!FVYLSEECYNI	88	12
>BRCA2-D30!FVYLSDECY	120	>BRCA2-D30!FVYLSEECY	124	4
>BRCA2-D30!FVYLSDECY	33	>BRCA2-D30!FVYLSEECY	81	48
>BRCA2-D30!FVYLSDECY	200	>BRCA2-D30!FVYLSEECY	218	18
>BRCA2-D30!FVYLSDECYN	71	>BRCA2-D30!FVYLSEECYNI	145	74
>BRCA2-D30!FVYLSDECY	130	>BRCA2-D30!FVYLSEECY	438	308
>BRCA2-D30!FVYLSDECY	95	>BRCA2-D30!FVYLSEECY	332	237
>BRCA2-D30!FVYLSDECY	421	>BRCA2-D30!FVYLSEECY	226	195
>BRCA2-D30!FVYLSDECY	177	>BRCA2-D30!FVYLSEECY	505	328
>BRCA2-D30!FVYLSDECYN	465	>BRCA2-D30!FVYLSEECYNI	760	295
>BRCA2-D30!FVYLSDECY	35	>BRCA2-D30!FVYLSEECY	92	57
>BRCA2-D30!PFVYLSDECY	254	>BRCA2-D30!PFVYLSEECY	395	141
>BRCA2-D30!APFVYLSDEC	288	>BRCA2-D30!APFVYLSEEC	181	107
>BRCA2-D30!APFVYLSDEC	85	>BRCA2-D30!APFVYLSEEC	90	5
>BRCA2-D30!APFVYLSDEC	369	>BRCA2-D30!APFVYLSEEC	486	117
>BRCA2-D30!APFVYLSDEC	179	>BRCA2-D30!APFVYLSEEC	177	2
>BRCA2-D30!APFVYLSDEC	187	>BRCA2-D30!APFVYLSEEC	287	100
>BRCA2-D30!GLAPFVYLS	1038	>BRCA2-D30!GLAPFVYLSEI	160	878
>BRCA2-E11!EVPENQMTI	142	>BRCA2-E11!DVPENQMTI	570	428
>BRCA2-E11!EVPENQMTIL	168	>BRCA2-E11!DVPENQMTII	672	504
>BRCA2-E11!EVPENQMTIL	64	>BRCA2-E11!DVPENQMTII	387	323
>BRCA2-E11!EVPENQMTIL	12	>BRCA2-E11!DVPENQMTII	47	35
>BRCA2-E11!EVPENQMTI	17	>BRCA2-E11!DVPENQMTI	63	46
>BRCA2-E11!EVPENQMTI	58	>BRCA2-E11!DVPENQMTI	470	412
>BRCA2-E11!FEVPENQMT	123	>BRCA2-E11!FDVPENQMT	3326	3203
>BRCA2-E11!FEVPENQMT	166	>BRCA2-E11!FDVPENQMT	2461	2295
>BRCA2-E11!FEVPENQMT	32	>BRCA2-E11!FDVPENQMT	12263	12231
>BRCA2-E11!FEVPENQMT	149	>BRCA2-E11!FDVPENQMT	19798	19649
>BRCA2-E11!FEVPENQMT	103	>BRCA2-E11!FDVPENQMT	1377	1274
>BRCA2-E11!FEVPENQM	387	>BRCA2-E11!FDVPENQM	2849	2462
>BRCA2-E11!FEVPENQMT	8	>BRCA2-E11!FDVPENQMT	240	232
>BRCA2-E11!FEVPENQMT	74	>BRCA2-E11!FDVPENQMT	3073	2999
>BRCA2-E11!FEVPENQMT	1292	>BRCA2-E11!FDVPENQMT	39	1253
>BRCA2-E11!FEVPENQMT	10628	>BRCA2-E11!FDVPENQMT	454	10174
>BRCA2-E11!STFEVPENQM	180	>BRCA2-E11!STFDVPENQM	274	94
>BRCA2-E11!STFEVPENQM	238	>BRCA2-E11!STFDVPENQM	364	126
>BRCA2-E11!STFEVPENQM	269	>BRCA2-E11!STFDVPENQM	1025	756
>BRCA2-E11!STFEVPENQM	273	>BRCA2-E11!STFDVPENQM	368	95

>BRCA2-E114STFEVPENQ	205	>BRCA2-E114STFDVPENQ	201	4
>BRCA2-E114STFEVPENQM	427	>BRCA2-E114STFDVPENQM	359	68
>BRCA2-E114STFEVPENQN	110	>BRCA2-E114STFDVPENQN	175	65
>BRCA2-E114STFEVPENQNM	31	>BRCA2-E114STFDVPENQNM	24	7
>BRCA2-E114STFEVPENQNM	39	>BRCA2-E114STFDVPENQNM	36	3
>BRCA2-E114STFEVPENQNM	615	>BRCA2-E114STFDVPENQNM	240	375
>BRCA2-E114KSTFEVPENQ	23	>BRCA2-E114KSTFDVPENC	32	9
>BRCA2-E114KSTFEVPENQ	99	>BRCA2-E114KSTFDVPENC	108	9
>BRCA2-E114KSTFEVPENQ	90	>BRCA2-E114KSTFDVPENC	68	22
>BRCA2-E114LQKSTFEV	246	>BRCA2-E114LQKSTFDV	2236	1990
>BRCA2-E114LQKSTFEV	36	>BRCA2-E114LQKSTFDV	119	83
>BRCA2-E114LQKSTFEV	11	>BRCA2-E114LQKSTFDV	89	78
>BRCA2-E114LQKSTFEV	350	>BRCA2-E114LQKSTFDV	1961	1611
>BRCA2-E114LQKSTFEV	190	>BRCA2-E114LQKSTFDV	566	376
>BRCA2-E114LQKSTFEVP	192	>BRCA2-E114LQKSTFDVP	502	310
>BRCA2-E114LQKSTFEVPE	635	>BRCA2-E114LQKSTFDVPE	489	146
>BRCA2-E114LQKSTFEV	26	>BRCA2-E114LQKSTFDV	57	31
>BRCA2-E114LQKSTFEVP	164	>BRCA2-E114LQKSTFDVP	508	344
>BRCA2-E114LQKSTFEVPE	311	>BRCA2-E114LQKSTFDVPE	770	459
>BRCA2-E114ILQKSTFEV	10	>BRCA2-E114ILQKSTFDV	31	21
>BRCA2-E114ILQKSTFEV	7	>BRCA2-E114ILQKSTFDV	31	24
>BRCA2-E114ILQKSTFEV	14	>BRCA2-E114ILQKSTFDV	34	20
>BRCA2-E114ILQKSTFEV	19	>BRCA2-E114ILQKSTFDV	117	98
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>BRCA2-E114ILQKSTFEV	3	>BRCA2-E114ILQKSTFDV	5	2
>BRCA2-E114ILQKSTFEV	7	>BRCA2-E114ILQKSTFDV	12	5
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>BRCA2-E114ILQKSTFEV	2	>BRCA2-E114ILQKSTFDV	2	0
>BRCA2-E114YILQKSTFEV	18	>BRCA2-E114YILQKSTFDV	39	21
>BRCA2-E114YILQKSTFEV	56	>BRCA2-E114YILQKSTFDV	127	71
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>BRCA2-E114YILQKSTFEV	5	>BRCA2-E114YILQKSTFDV	6	1
>BRCA2-E114YILQKSTFEV	2	>BRCA2-E114YILQKSTFDV	4	2
>BRCA2-E114YILQKSTFEV	2	>BRCA2-E114YILQKSTFDV	2	0
>BRCA2-E114YILQKSTFEV	9	>BRCA2-E114YILQKSTFDV	26	17
>BRCA2-E114SYILQKSTFEV	47	>BRCA2-E114SYILQKSTFDV	74	27
>BRCA2-E114SYILQKSTFEV	61	>BRCA2-E114SYILQKSTFDV	220	159
>BRCA2-E114SYILQKSTFEV	417	>BRCA2-E114SYILQKSTFDV	714	297
>BRCA2-E187EVDPMDSW	1156	>BRCA2-E187KVDPMDSW	78	1078
>BRCA2-E187EVDPMDSW	4130	>BRCA2-E187KVDPMDSW	131	3999

>BRCA2-E18;EVDPMDSW	1033	>BRCA2-E18;KVDPDMSW	14	1019
>BRCA2-E18;AEVDPMDSV	6042	>BRCA2-E18;AKVDPMDSV	127	5915
>BRCA2-E18;AEVDPMDSV	42	>BRCA2-E18;AKVDPMDSV	2800	2758
>BRCA2-E18;AEVDPMDSV	26	>BRCA2-E18;AKVDPMDSV	2493	2467
>BRCA2-E18;AEVDPMDSV	199	>BRCA2-E18;AKVDPMDSV	23440	23241
>BRCA2-E18;AEVDPMDSV	219	>BRCA2-E18;AKVDPMDSV	27389	27170
>BRCA2-E18;AEVDPMDSV	436	>BRCA2-E18;AKVDPMDSV	530	94
>BRCA2-E18;GAEVDPMDS	420	>BRCA2-E18;GAKVDPMDS	232	188
>BRCA2-E18;GAEVDPMDS	558	>BRCA2-E18;GAKVDPMDS	100	458
>BRCA2-E18;GAEVDPMDS	1216	>BRCA2-E18;GAKVDPMDS	439	777
>BRCA2-E18;GAEVDPMDS	410	>BRCA2-E18;GAKVDPMDS	2965	2555
>BRCA2-E18;LGAEVDPDM	447	>BRCA2-E18;LGAKVDPDM	1131	684
>BRCA2-E18;LGAEVDPDM	261	>BRCA2-E18;LGAKVDPDM	971	710
>BRCA2-E18;LGAEVDPDM	313	>BRCA2-E18;LGAKVDPDM	275	38
>BRCA2-E18;LGAEVDPDM	19	>BRCA2-E18;LGAKVDPDM	22	3
>BRCA2-E18;LGAEVDPDM	225	>BRCA2-E18;LGAKVDPDM	352	127
>BRCA2-E18;LGAEVDPDM	131	>BRCA2-E18;LGAKVDPDM	135	4
>BRCA2-E18;SLGAEVDPDM	394	>BRCA2-E18;SLGAKVDPDM	583	189
>BRCA2-E18;SLGAEVDPDM	79	>BRCA2-E18;SLGAKVDPDM	116	37
>BRCA2-E18;SLGAEVDPDM	288	>BRCA2-E18;SLGAKVDPDM	415	127
>BRCA2-E18;ESLGAEVDPC	111	>BRCA2-E18;ESLGAEVDPC	196	85
>BRCA2-E18;SESLGAEV	12	>BRCA2-E18;SESLGAKV	9	3
>BRCA2-E18;SESLGAEV	314	>BRCA2-E18;SESLGAKV	576	262
>BRCA2-E18;SESLGAEV	58	>BRCA2-E18;SESLGAKV	136	78
>BRCA2-E18;SESLGAEV	434	>BRCA2-E18;SESLGAKV	1567	1133
>BRCA2-E18;ISESLGAEV	132	>BRCA2-E18;ISESLGAKV	85	47
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>BRCA2-E18;HISESLGAEV	146	>BRCA2-E18;HISESLGAKV	245	99
>BRCA2-E18;HISESLGAEV	244	>BRCA2-E18;HISESLGAKV	589	345
>BRCA2-E18;HISESLGAEV	34	>BRCA2-E18;HISESLGAKV	72	38
>BRCA2-E18;HISESLGAEV	88	>BRCA2-E18;HISESLGAKV	211	123
>BRCA2-E18;HISESLGAEV	105	>BRCA2-E18;HISESLGAKV	184	79
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>BRCA2-E18;HISESLGAEV	7	>BRCA2-E18;HISESLGAKV	11	4
>BRCA2-E18;HISESLGAE	19912	>BRCA2-E18;HISESLGAK	70	19842
>BRCA2-E18;HISESLGAE	26012	>BRCA2-E18;HISESLGAK	227	25785
>BRCA2-E18;HISESLGAE	14856	>BRCA2-E18;HISESLGAK	106	14750
>BRCA2-E18;HISESLGAE	17703	>BRCA2-E18;HISESLGAK	124	17579
>BRCA2-E18;HISESLGAEV	135	>BRCA2-E18;HISESLGAKV	299	164
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>BRCA2-E18;KHISESLGAEV	282	>BRCA2-E18;KHISESLGAKV	670	388
>BRCA2-E20(I)EDSTKQVFSK	439	>BRCA2-E20(I)QDSTKQVFSK	380	59
>BRCA2-E20(I)EDSTKQV	258	>BRCA2-E20(I)QDSTKQV	17893	17635

>BRCA2-E20(IEDSTKQV	14608	>BRCA2-E20(IQDSTKQV	245	14363
>BRCA2-E20(IEDSTKQV	6049	>BRCA2-E20(IQDSTKQV	169	5880
>BRCA2-E20(IEDSTKQVFS	11044	>BRCA2-E20(IQDSTKQVFS	259	10785
>BRCA2-E20(IEDSTKQVF	8058	>BRCA2-E20(IQDSTKQVF	235	7823
>BRCA2-E20(IEDSTKQVF	328	>BRCA2-E20(IQDSTKQVF	16	312
>BRCA2-E20(IEDSTKQVF	94	>BRCA2-E20(IQDSTKQVF	5330	5236
>BRCA2-E20(IEDSTKQVF	253	>BRCA2-E20(IQDSTKQVF	8250	7997
>BRCA2-E20(EIEDSTKQV	5762	>BRCA2-E20(EIQDSTKQV	302	5460
>BRCA2-E20(EIEDSTKQV	52	>BRCA2-E20(EIQDSTKQV	19	33
>BRCA2-E20(EIEDSTKQVF	2876	>BRCA2-E20(EIQDSTKQVF	373	2503
>BRCA2-E20(EIEDSTKQV	1204	>BRCA2-E20(EIQDSTKQV	346	858
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>BRCA2-E20(SEIEDSTKQV	51	>BRCA2-E20(SEIQDSTKQV	46	5
>BRCA2-E20(SEIEDSTKQVF	278	>BRCA2-E20(SEIQDSTKQV	179	99
>BRCA2-E20(SEIEDSTKQVF	87	>BRCA2-E20(SEIQDSTKQV	86	1
>BRCA2-E20(SEIEDSTKQVF	42	>BRCA2-E20(SEIQDSTKQV	126	84
>BRCA2-E20(SEIEDSTKQVF	179	>BRCA2-E20(SEIQDSTKQV	272	93
>BRCA2-E20(SEIEDSTKQV	358	>BRCA2-E20(SEIQDSTKQV	231	127
>BRCA2-E20(SEIEDSTKQVF	209	>BRCA2-E20(SEIQDSTKQV	159	50
>BRCA2-E20(SEIEDSTKQVF	80	>BRCA2-E20(SEIQDSTKQV	74	6
>BRCA2-E20(SEIEDSTKQV	55	>BRCA2-E20(SEIQDSTKQV	96	41
>BRCA2-E20(SEIEDSTKQVF	341	>BRCA2-E20(SEIQDSTKQV	416	75
>BRCA2-E20(FSEIEDSTK	169	>BRCA2-E20(FSEIQDSTK	192	23
>BRCA2-E20(FSEIEDSTKQ\	506	>BRCA2-E20(FSEIQDSTKQ\	324	182
>BRCA2-E20(QVFSEIEDSTK	858	>BRCA2-E20(QVFSEIQDSTK	432	426
>BRCA2-E20(QVFSEIEDSTK	110	>BRCA2-E20(QVFSEIQDSTK	100	10
>BRCA2-E20(QVFSEIEDSTK	1607	>BRCA2-E20(QVFSEIQDSTK	454	1153
>BRCA2-E20(QVFSEIEDSTK	15	>BRCA2-E20(QVFSEIQDSTK	19	4
>BRCA2-H24 HFHRVEQCVI	196	>BRCA2-H24 NFHRVEQCVI	409	213
>BRCA2-H24 HFHRVEQCVI	292	>BRCA2-H24 NFHRVEQCVI	148	144
>BRCA2-H24 HFHRVEQCVI	72	>BRCA2-H24 NFHRVEQCVI	232	160
>BRCA2-H24 SHFHRVEQC\	1679	>BRCA2-H24 SNFHRVEQC\	416	1263
>BRCA2-H24 SHFHRVEQC\	448	>BRCA2-H24 SNFHRVEQC\	2249	1801
>BRCA2-H24 SHFHRVEQC\	298	>BRCA2-H24 SNFHRVEQC\	331	33
>BRCA2-H24 KSHFHRVE	391	>BRCA2-H24 KSNFHRVE	3487	3096
>BRCA2-H24 KSHFHRVEQ	28	>BRCA2-H24 KSNFHRVEQ	375	347
>BRCA2-H24 KSHFHRVEQ(	39	>BRCA2-H24 KSNFHRVEQ(	469	430
>BRCA2-H24 TKSHFHRV	476	>BRCA2-H24 TKNFHRV	751	275
>BRCA2-H24 KTKSHFHRV	28	>BRCA2-H24 KTKSNFHRV	146	118
>BRCA2-H24 KTKSHFHRV	189	>BRCA2-H24 KTKSNFHRV	411	222
>BRCA2-H24 KTKSHFHRV	809	>BRCA2-H24 KTKSNFHRV	492	317
>BRCA2-H24 KTKSHFHRV	214	>BRCA2-H24 KTKSNFHRV	100	114
>BRCA2-H24 KTKSHFHR	363	>BRCA2-H24 KTKSNFHR	922	559



>BRCA2-H24 KTKSHFHR	299	>BRCA2-H24 KTKSNFHR	425	126
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>BRCA2-H24 KTKSHFHRV	9	>BRCA2-H24 KTKSNFHRV	9	0
>BRCA2-H24 KTKSHFHRVE	137	>BRCA2-H24 KTKSNFHRVE	152	15
>BRCA2-H24 KTKSHFHRVE	22	>BRCA2-H24 KTKSNFHRVE	21	1
>BRCA2-H24 KTKSHFHRV	1090	>BRCA2-H24 KTKSNFHRV	361	729
>BRCA2-H24 KTKSHFHR	4	>BRCA2-H24 KTKSNFHR	5	1
>BRCA2-H24 KTKSHFHRV	69	>BRCA2-H24 KTKSNFHRV	151	82
>BRCA2-H24 KTKSHFHRVE	140	>BRCA2-H24 KTKSNFHRVE	267	127
>BRCA2-H24 KTKSHFHR	151	>BRCA2-H24 KTKSNFHR	354	203
>BRCA2-H24 KTKSHFHR	83	>BRCA2-H24 KTKSNFHR	62	21
>BRCA2-H24 KTKSHFHRV	330	>BRCA2-H24 KTKSNFHRV	4752	4422
>BRCA2-H24 KTKSHFHRV	111	>BRCA2-H24 KTKSNFHRV	286	175
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>BRCA2-H24 KTKSHFHR	126	>BRCA2-H24 KTKSNFHR	217	91
>BRCA2-H24 KTKSHFHRV	433	>BRCA2-H24 KTKSNFHRV	832	399
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>BRCA2-H24 FKTKSHFHRV	112	>BRCA2-H24 FKTKSNFHRV	121	9
>BRCA2-H24 FKTKSHFHR	90	>BRCA2-H24 FKTKSNFHR	95	5
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>BRCA2-H24 FKTKSHFHRV	105	>BRCA2-H24 FKTKSNFHRV	127	22
>BRCA2-H24 FKTKSHFHR	438	>BRCA2-H24 FKTKSNFHR	496	58
>BRCA2-H24 PFKTKSHFHR	37	>BRCA2-H24 PFKTKSNFHR	88	51
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>BRCA2-H24 PFKTKSHFHR	42	>BRCA2-H24 PFKTKSNFHR	73	31
>BRCA2-H24 PPFKTKSHF	19	>BRCA2-H24 PPFKTKSNF	6	13
>BRCA2-H24 PPFKTKSHF	231	>BRCA2-H24 PPFKTKSNF	186	45
>BRCA2-H24 PPFKTKSHF	608	>BRCA2-H24 PPFKTKSNF	289	319
>BRCA2-H24 PPFKTKSHFH	182	>BRCA2-H24 PPFKTKSNFH	206	24
>BRCA2-H24 VPPFKTKSHF	158	>BRCA2-H24 VPPFKTKSNF	125	33
>BRCA2-H24 VPPFKTKSHF	447	>BRCA2-H24 VPPFKTKSNF	155	292
>BRCA2-H24 VPPFKTKSHF	72	>BRCA2-H24 VPPFKTKSNF	103	31
>BRCA2-H24 FVPPFKTKSH	100	>BRCA2-H24 FVPPFKTKSN	125	25
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>BRCA2-H24 FVPPFKTKSH	123	>BRCA2-H24 FVPPFKTKSN	116	7
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>BRCA2-I101 IKLSEHNI	23	>BRCA2-I101 SKLSEHNI	65	42
>BRCA2-I101 IKLSEHNIK	103	>BRCA2-I101 SKLSEHNIK	265	162
>BRCA2-I101 IKLSEHNIKK	274	>BRCA2-I101 SKLSEHNIKK	797	523
>BRCA2-I101 EIKLSEHNIKK	54	>BRCA2-I101 ESKLSEHNIKK	59	5
>BRCA2-I101 GSFRTASNKE	191	>BRCA2-I101 GSFRTASNKE	5822	5631
>BRCA2-I101 GSFRTASNKE	57	>BRCA2-I101 GSFRTASNKE	6170	6113
>BRCA2-I101 GSFRTASNKE	67	>BRCA2-I101 GSFRTASNKE	791	724

>BRCA2-I101 GSFRTASNKE	32	>BRCA2-I101 GSFRTASNKE	23263	23231
>BRCA2-I101 KEIKLSEHNI	81	>BRCA2-I101 KESKLSEHNI	53	28
>BRCA2-I101 KEIKLSEHNI	86	>BRCA2-I101 KESKLSEHNI	104	18
>BRCA2-I101 KEIKLSEHNI	8	>BRCA2-I101 KESKLSEHNI	16	8
>BRCA2-I101 ASNKEIKL	187	>BRCA2-I101 ASNKESKL	81	106
>BRCA2-I101 TASNKEIK	303	>BRCA2-I101 TASNKESK	241	62
>BRCA2-I101 TASNKEIK	129	>BRCA2-I101 TASNKESK	72	57
>BRCA2-I101 RTASNKEIK	655	>BRCA2-I101 RTASNKESK	321	334
>BRCA2-I101 RTASNKEIK	88	>BRCA2-I101 RTASNKESK	58	30
>BRCA2-I101 RTASNKEIK	324	>BRCA2-I101 RTASNKESK	158	166
>BRCA2-I101 RTASNKEIK	250	>BRCA2-I101 RTASNKESK	198	52
>BRCA2-I101 RTASNKEI	131	>BRCA2-I101 RTASNKES	14554	14423
>BRCA2-I101 RTASNKEIKL	431	>BRCA2-I101 RTASNKESKL	846	415
>BRCA2-I101 RTASNKEIK	85	>BRCA2-I101 RTASNKESK	58	27
>BRCA2-I101 RTASNKEI	27	>BRCA2-I101 RTASNKES	2880	2853
>BRCA2-I101 RTASNKEIKL	14	>BRCA2-I101 RTASNKESKL	8	6
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>BRCA2-I101 RTASNKEIK	389	>BRCA2-I101 RTASNKESK	440	51
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>BRCA2-I101 FRTASNKEIKL	328	>BRCA2-I101 FRTASNKESK	207	121
>BRCA2-I101 FRTASNKEI	384	>BRCA2-I101 FRTASNKES	3590	3206
>BRCA2-I101 FRTASNKEIKL	136	>BRCA2-I101 FRTASNKESK	172	36
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>BRCA2-I101 SFRTASNKEI	17	>BRCA2-I101 SFRTASNKES	181	164
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>BRCA2-I310 IKFWIDLNED	184	>BRCA2-I310 MKFWIDLNEI	135	49
>BRCA2-I310 IKFWIDLNED	2634	>BRCA2-I310 MKFWIDLNEI	148	2486
>BRCA2-I310 AIKFWIDL	3521	>BRCA2-I310 AMKFWIDL	450	3071
>BRCA2-I310 AIKFWIDL	776	>BRCA2-I310 AMKFWIDL	79	697
>BRCA2-I310 AIKFWIDL	4508	>BRCA2-I310 AMKFWIDL	166	4342
>BRCA2-I310 AIKFWIDL	569	>BRCA2-I310 AMKFWIDL	22	547
>BRCA2-I310 LSDECYNLLAI	611	>BRCA2-I310 LSDECYNLLAI	274	337
>BRCA2-I310 LSDECYNLLAI	710	>BRCA2-I310 LSDECYNLLAI	92	618
>BRCA2-I310 LSDECYNLLAI	8558	>BRCA2-I310 LSDECYNLLAI	285	8273
>BRCA2-I310 LSDECYNLLAI	60	>BRCA2-I310 LSDECYNLLAI	2071	2011
>BRCA2-I310 LAIKFWIDL	40	>BRCA2-I310 LAMKFWIDL	39	1
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>BRCA2-I310 LLAIKFWI	49	>BRCA2-I310 LLAMKFWI	40	9
>BRCA2-I310 LLAIKFWI	10	>BRCA2-I310 LLAMKFWI	13	3
>BRCA2-I310 LLAIKFWIDL	148	>BRCA2-I310 LLAMKFWIDI	117	31
>BRCA2-I310 LLAIKFWI	24	>BRCA2-I310 LLAMKFWI	17	7

>BRCA2-I310 LLAIKFWIDL	461	>BRCA2-I310 LLAMKFWIDI	411	50
>BRCA2-I310 LLAIKFWI	97	>BRCA2-I310 LLAMKFWI	83	14
>BRCA2-I310 LLAIKFWI	13	>BRCA2-I310 LLAMKFWI	15	2
>BRCA2-I310 LLAIKFWIDL	73	>BRCA2-I310 LLAMKFWIDI	70	3
>BRCA2-I310 LLAIKFWI	199	>BRCA2-I310 LLAMKFWI	154	45
>BRCA2-I310 LLAIKFWIDL	389	>BRCA2-I310 LLAMKFWIDI	282	107
>BRCA2-I310 LLAIKFWI	19	>BRCA2-I310 LLAMKFWI	21	2
>BRCA2-I310 LLAIKFWIDL	34	>BRCA2-I310 LLAMKFWIDI	36	2
>BRCA2-I310 LLAIKFWI	92	>BRCA2-I310 LLAMKFWI	63	29
>BRCA2-I310 LLAIKFWIDL	638	>BRCA2-I310 LLAMKFWIDI	393	245
>BRCA2-I310 LLAIKFWI	4	>BRCA2-I310 LLAMKFWI	4	0
>BRCA2-I310 LLAIKFWIDL	7	>BRCA2-I310 LLAMKFWIDI	6	1
>BRCA2-I310 LLAIKFWIDL	387	>BRCA2-I310 LLAMKFWIDI	478	91
>BRCA2-I310 NLLAIKFWI	30	>BRCA2-I310 NLLAMKFWI	39	9
>BRCA2-I310 NLLAIKFWIDI	136	>BRCA2-I310 NLLAMKFWII	193	57
>BRCA2-I310 NLLAIKFWI	47	>BRCA2-I310 NLLAMKFWI	185	138
>BRCA2-I310 NLLAIKFWIDI	200	>BRCA2-I310 NLLAMKFWII	443	243
>BRCA2-I310 NLLAIKFWI	76	>BRCA2-I310 NLLAMKFWI	118	42
>BRCA2-I310 NLLAIKFWIDI	321	>BRCA2-I310 NLLAMKFWII	502	181
>BRCA2-I310 NLLAIKFWI	10	>BRCA2-I310 NLLAMKFWI	23	13
>BRCA2-I310 NLLAIKFWIDI	61	>BRCA2-I310 NLLAMKFWII	126	65
>BRCA2-I310 NLLAIKFWI	58	>BRCA2-I310 NLLAMKFWI	90	32
>BRCA2-I310 NLLAIKFWIDI	297	>BRCA2-I310 NLLAMKFWII	404	107
>BRCA2-I310 NLLAIKFWI	26	>BRCA2-I310 NLLAMKFWI	39	13
>BRCA2-I310 NLLAIKFWIDI	52	>BRCA2-I310 NLLAMKFWII	76	24
>BRCA2-I310 NLLAIKFWI	19	>BRCA2-I310 NLLAMKFWI	54	35
>BRCA2-I310 NLLAIKFWIDI	142	>BRCA2-I310 NLLAMKFWII	327	185
>BRCA2-I310 NLLAIKFWI	28	>BRCA2-I310 NLLAMKFWI	23	5
>BRCA2-I310 NLLAIKFWIDI	51	>BRCA2-I310 NLLAMKFWII	46	5
>BRCA2-I310 NLLAIKFWI	470	>BRCA2-I310 NLLAMKFWI	3363	2893
>BRCA2-I310 NLLAIKFWI	70	>BRCA2-I310 NLLAMKFWI	176	106
>BRCA2-I310 YNLLAIKFW	292	>BRCA2-I310 YNLLAMKFW	211	81
>BRCA2-I310 YNLLAIKFWI	81	>BRCA2-I310 YNLLAMKFW	81	0
>BRCA2-I310 YNLLAIKFWI	442	>BRCA2-I310 YNLLAMKFW	472	30
>BRCA2-I310 YNLLAIKF	211	>BRCA2-I310 YNLLAMKF	133	78
>BRCA2-I310 YNLLAIKFW	1199	>BRCA2-I310 YNLLAMKFW	461	738
>BRCA2-I310 CYNLLAIKFW	152	>BRCA2-I310 CYNLLAMKFW	67	85
>BRCA2-I310 CYNLLAIKF	1028	>BRCA2-I310 CYNLLAMKF	351	677
>BRCA2-I310 CYNLLAIKFW	297	>BRCA2-I310 CYNLLAMKFW	247	50
>BRCA2-I310 CYNLLAIKF	683	>BRCA2-I310 CYNLLAMKF	369	314
>BRCA2-I310 CYNLLAIKFW	468	>BRCA2-I310 CYNLLAMKFW	296	172
>BRCA2-I310 CYNLLAIKFW	537	>BRCA2-I310 CYNLLAMKFW	475	62
>BRCA2-I310 CYNLLAIKF	8	>BRCA2-I310 CYNLLAMKF	6	2

>BRCA2-I310 CYNLLAIKFW	17	>BRCA2-I310 CYNLLAMKFL	15	2
>BRCA2-I310 CYNLLAIKFW	14	>BRCA2-I310 CYNLLAMKFL	12	2
>BRCA2-I310 ECYNLLAI	3461	>BRCA2-I310 ECYNLLAM	52	3409
>BRCA2-I310 ECYNLLAIKF	410	>BRCA2-I310 ECYNLLAMKF	586	176
>BRCA2-I310 ECYNLLAIKFL	1221	>BRCA2-I310 ECYNLLAMKF	490	731
>BRCA2-I310 ECYNLLAI	6479	>BRCA2-I310 ECYNLLAM	239	6240
>BRCA2-I310 ECYNLLAIK	338	>BRCA2-I310 ECYNLLAMK	113	225
>BRCA2-I310 ECYNLLAI	152	>BRCA2-I310 ECYNLLAM	425	273
>BRCA2-I310 DECYNLLAI	53	>BRCA2-I310 DECYNLLAM	841	788
>BRCA2-I310 DECYNLLAI	16	>BRCA2-I310 DECYNLLAM	6	10
>BRCA2-I310 DECYNLLAIKF	5	>BRCA2-I310 DECYNLLAMI	5	0
>BRCA2-I310 DECYNLLAI	313	>BRCA2-I310 DECYNLLAM	593	280
>BRCA2-I310 DECYNLLAIKF	194	>BRCA2-I310 DECYNLLAMI	224	30
>BRCA2-I310 SDECYNLLAI	63	>BRCA2-I310 SDECYNLLAM	1756	1693
>BRCA2-K16: KVHENVEKET	339	>BRCA2-K16: EVHENVEKET	3284	2945
>BRCA2-K16: KVHENVEK	163	>BRCA2-K16: EVHENVEK	5875	5712
>BRCA2-K16: KVHENVEK	59	>BRCA2-K16: EVHENVEK	1101	1042
>BRCA2-K16: KVHENVEK	6	>BRCA2-K16: EVHENVEK	2939	2933
>BRCA2-K16: KVHENVEKET	269	>BRCA2-K16: EVHENVEKET	15434	15165
>BRCA2-K16: KVHENVEK	399	>BRCA2-K16: EVHENVEK	13542	13143
>BRCA2-K16: KVHENVEK	663	>BRCA2-K16: EVHENVEK	7	656
>BRCA2-K16: KVHENVEKET	9085	>BRCA2-K16: EVHENVEKET	83	9002
>BRCA2-K16: VKVHENVEK	263	>BRCA2-K16: VEVHENVEK	5492	5229
>BRCA2-K16: KTSKSIFLKVK	75	>BRCA2-K16: KTSKSIFLKVE	16548	16473
>BRCA2-K16: KTSKSIFLKVK	21	>BRCA2-K16: KTSKSIFLKVE	12767	12746
>BRCA2-K16: KTSKSIFLKVK	10	>BRCA2-K16: KTSKSIFLKVE	5187	5177
>BRCA2-K16: KTSKSIFLKVK	125	>BRCA2-K16: KTSKSIFLKVE	5537	5412
>BRCA2-K16: KTSKSIFLKVK	214	>BRCA2-K16: KTSKSIFLKVE	6524	6310
>BRCA2-K16: KVKVHENV	482	>BRCA2-K16: KVEVHENV	5538	5056
>BRCA2-K16: KVKVHENV	316	>BRCA2-K16: KVEVHENV	997	681
>BRCA2-K16: KVKVHENV	195	>BRCA2-K16: KVEVHENV	266	71
>BRCA2-K16: KVKVHENV	36	>BRCA2-K16: KVEVHENV	5038	5002
>BRCA2-K16: KVKVHENV	4	>BRCA2-K16: KVEVHENV	147	143
>BRCA2-K16: LKVKVHENV	5674	>BRCA2-K16: LKVEVHENV	483	5191
>BRCA2-K16: LKVKVHENV	196	>BRCA2-K16: LKVEVHENV	290	94
>BRCA2-K16: LKVKVHENV	340	>BRCA2-K16: LKVEVHENV	496	156
>BRCA2-K16: FLKVKVHENV	226	>BRCA2-K16: FLKVEVHENV	65	161
>BRCA2-K16: FLKVKVHENV	45	>BRCA2-K16: FLKVEVHENV	25	20
>BRCA2-K16: FLKVKVHENV	22	>BRCA2-K16: FLKVEVHENV	20	2
>BRCA2-K16: FLKVKVHENV	483	>BRCA2-K16: FLKVEVHENV	230	253
>BRCA2-K16: FLKVKVHENV	6	>BRCA2-K16: FLKVEVHENV	6	0
>BRCA2-K16: FLKVKVHENV	20	>BRCA2-K16: FLKVEVHENV	15	5
>BRCA2-K16: FLKVKVHENV	28	>BRCA2-K16: FLKVEVHENV	22	6

>BRCA2-K16: FLKVKVHENV	60	>BRCA2-K16: FLKVEVHENV	37	23
>BRCA2-K16: FLKVKVHENV	2	>BRCA2-K16: FLKVEVHENV	2	0
>BRCA2-K16: IFLKVKVHENV	506	>BRCA2-K16: IFLKVEVHENV	321	185
>BRCA2-K16: IFLKVKVHENV	804	>BRCA2-K16: IFLKVEVHENV	388	416
>BRCA2-K16: SIFLKVKV	414	>BRCA2-K16: SIFLKVEV	66	348
>BRCA2-K16: SIFLKVKV	220	>BRCA2-K16: SIFLKVEV	55	165
>BRCA2-K16: SIFLKVKV	136	>BRCA2-K16: SIFLKVEV	74	62
>BRCA2-K16: SIFLKVKV	422	>BRCA2-K16: SIFLKVEV	134	288
>BRCA2-K16: SIFLKVKV	24	>BRCA2-K16: SIFLKVEV	10	14
>BRCA2-K16: SIFLKVKV	1061	>BRCA2-K16: SIFLKVEV	380	681
>BRCA2-K16: SIFLKVKV	23	>BRCA2-K16: SIFLKVEV	13	10
>BRCA2-K16: SIFLKVKV	14	>BRCA2-K16: SIFLKVEV	9	5
>BRCA2-K16: SIFLKVKV	159	>BRCA2-K16: SIFLKVEV	40	119
>BRCA2-K16: SIFLKVKV	1053	>BRCA2-K16: SIFLKVEV	492	561
>BRCA2-K16: KSIFLKVK	34	>BRCA2-K16: KSIFLKVE	23742	23708
>BRCA2-K16: KSIFLKVK	36	>BRCA2-K16: KSIFLKVE	11785	11749
>BRCA2-K16: KSIFLKVK	165	>BRCA2-K16: KSIFLKVE	8164	7999
>BRCA2-K16: KSIFLKVKV	291	>BRCA2-K16: KSIFLKVEV	346	55
>BRCA2-K16: KSIFLKVKV	1214	>BRCA2-K16: KSIFLKVEV	344	870
>BRCA2-K16: KSIFLKVK	493	>BRCA2-K16: KSIFLKVE	16170	15677
>BRCA2-K16: SKSIFLKVKV	842	>BRCA2-K16: SKSIFLKVEV	395	447
>BRCA2-K16: TSKSIFLKVK	121	>BRCA2-K16: TSKSIFLKVE	33783	33662
>BRCA2-K16: TSKSIFLKVK	23	>BRCA2-K16: TSKSIFLKVE	9650	9627
>BRCA2-K16: TSKSIFLKVKV	214	>BRCA2-K16: TSKSIFLKVEV	80	134
>BRCA2-P92(PIFKNSTMV	8045	>BRCA2-P92(SIFKNSTMV	79	7966
>BRCA2-P92(PIFKNSTMV	1386	>BRCA2-P92(SIFKNSTMV	37	1349
>BRCA2-P92(PIFKNSTMVL	2372	>BRCA2-P92(SIFKNSTMVL	124	2248
>BRCA2-P92(PIFKNSTMV	1371	>BRCA2-P92(SIFKNSTMV	19	1352
>BRCA2-P92(PIFKNSTMVL	1733	>BRCA2-P92(SIFKNSTMVL	55	1678
>BRCA2-P92(PIFKNSTMV	5846	>BRCA2-P92(SIFKNSTMV	56	5790
>BRCA2-P92(PIFKNSTM	7189	>BRCA2-P92(SIFKNSTM	479	6710
>BRCA2-P92(PIFKNSTMV	125	>BRCA2-P92(SIFKNSTMV	7	118
>BRCA2-P92(PIFKNSTMVL	2593	>BRCA2-P92(SIFKNSTMVL	106	2487
>BRCA2-P92(PIFKNSTMV	6462	>BRCA2-P92(SIFKNSTMV	133	6329
>BRCA2-P92(PIFKNSTMV	196	>BRCA2-P92(SIFKNSTMV	9	187
>BRCA2-P92(PIFKNSTMVL	5362	>BRCA2-P92(SIFKNSTMVL	111	5251
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>BRCA2-P92(PIFKNSTMVL	1649	>BRCA2-P92(SIFKNSTMVL	62	1587
>BRCA2-P92(PIFKNSTMVL	2187	>BRCA2-P92(SIFKNSTMVL	99	2088
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>BRCA2-P92(PIFKNSTMVL	3380	>BRCA2-P92(SIFKNSTMVL	176	3204
>BRCA2-P92(PIFKNSTMVL	44	>BRCA2-P92(SIFKNSTMVL	20	24
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>BRCA2-P92(PIFKNSTM	4106	>BRCA2-P92(SIFKNSTM	352	3754
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>BRCA2-P92(PIFKNSTMVL	5375	>BRCA2-P92(SIFKNSTMVL	116	5259
>BRCA2-P92(PIFKNSTMV	3405	>BRCA2-P92(SIFKNSTMV	52	3353
>BRCA2-P92(PIFKNSTMV	1172	>BRCA2-P92(SIFKNSTMV	28	1144
>BRCA2-P92(PIFKNSTMVL	559	>BRCA2-P92(SIFKNSTMVL	19	540
>BRCA2-P92(PIFKNSTM	6350	>BRCA2-P92(SIFKNSTM	168	6182
>BRCA2-P92(PIFKNSTMVL	8177	>BRCA2-P92(SIFKNSTMVL	304	7873
>BRCA2-P92(PIFKNSTMVL	3205	>BRCA2-P92(SIFKNSTMVL	128	3077
>BRCA2-P92(PIFKNSTM	4454	>BRCA2-P92(SIFKNSTM	355	4099
>BRCA2-P92(PIFKNSTMVL	1725	>BRCA2-P92(SIFKNSTMVL	161	1564
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>BRCA2-P92(PIFKNSTMVL	823	>BRCA2-P92(SIFKNSTMVL	149	674
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>BRCA2-P92(PIFKNSTMVL	9127	>BRCA2-P92(SIFKNSTMVL	322	8805
>BRCA2-P92(PIFKNSTMVL	2767	>BRCA2-P92(SIFKNSTMVL	34	2733
>BRCA2-P92(PIFKNSTMVL	3961	>BRCA2-P92(SIFKNSTMVL	378	3583
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>BRCA2-P92(EPIFKNSTM	191	>BRCA2-P92(ESIFKNSTM	11	180
>BRCA2-P92(EPIFKNSTMV	2756	>BRCA2-P92(ESIFKNSTMV	75	2681
>BRCA2-P92(EPIFKNSTM	2319	>BRCA2-P92(ESIFKNSTM	80	2239
>BRCA2-P92(EPIFKNSTMV	7284	>BRCA2-P92(ESIFKNSTMV	117	7167
>BRCA2-P92(EPIFKNSTMV	1794	>BRCA2-P92(ESIFKNSTMV	37	1757
>BRCA2-P92(EPIFKNSTMV	149	>BRCA2-P92(ESIFKNSTMV	70	79
>BRCA2-P92(EPIFKNSTM	480	>BRCA2-P92(ESIFKNSTM	22414	21934
>BRCA2-P92(EPIFKNSTMV	204	>BRCA2-P92(ESIFKNSTMV	22355	22151
>BRCA2-P92(EPIFKNSTM	270	>BRCA2-P92(ESIFKNSTM	3708	3438
>BRCA2-P92(EPIFKNSTMV	240	>BRCA2-P92(ESIFKNSTMV	2757	2517
>BRCA2-P92(EPIFKNSTM	16574	>BRCA2-P92(ESIFKNSTM	14	16560
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>BRCA2-P92(EPIFKNSTM	29	>BRCA2-P92(ESIFKNSTM	1748	1719
>BRCA2-P92(EPIFKNSTMV	243	>BRCA2-P92(ESIFKNSTMV	6880	6637
>BRCA2-P92(EPIFKNSTMV	183	>BRCA2-P92(ESIFKNSTMV	2246	2063
>BRCA2-P92(EPIFKNSTM	436	>BRCA2-P92(ESIFKNSTM	20779	20343
>BRCA2-P92(EPIFKNSTM	1454	>BRCA2-P92(ESIFKNSTM	30	1424
>BRCA2-P92(HETDLTCVNE	993	>BRCA2-P92(HETDLTCVNE	248	745
>BRCA2-P92(NEPIFKNST	490	>BRCA2-P92(NESIFKNST	532	42
>BRCA2-P92(NEPIFKNSTM	172	>BRCA2-P92(NESIFKNSTM	196	24
>BRCA2-P92(NEPIFKNSTM	21	>BRCA2-P92(NESIFKNSTM	20	1
>BRCA2-P92(NEPIFKNSTM	3808	>BRCA2-P92(NESIFKNSTM	450	3358
>BRCA2-P92(NEPIFKNSTM	646	>BRCA2-P92(NESIFKNSTM	270	376
>BRCA2-P92(NEPIFKNSTM	448	>BRCA2-P92(NESIFKNSTM	211	237

>BRCA2-P92(NEPIFKNST	8660	>BRCA2-P92(NESIFKNST	276	8384
>BRCA2-P92(NEPIFKNSTM	8050	>BRCA2-P92(NESIFKNSTM	233	7817
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>BRCA2-P92(VNEPIFKNSTI	80	>BRCA2-P92(VNESIFKNSTI	43	37
>BRCA2-P92(CVNEPIFK	73	>BRCA2-P92(CVNESIFK	63	10
>BRCA2-P92(CVNEPIFK	11	>BRCA2-P92(CVNESIFK	10	1
>BRCA2-P92(CVNEPIFK	119	>BRCA2-P92(CVNESIFK	44	75
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>BRCA2-P92(CVNEPIFK	55	>BRCA2-P92(CVNESIFK	31	24
>BRCA2-P92(LTCVNEPIFK	139	>BRCA2-P92(LTCVNESIFK	74	65
>BRCA2-P92(LTCVNEPIFK	12	>BRCA2-P92(LTCVNESIFK	11	1
>BRCA2-P92(LTCVNEPIFK	41	>BRCA2-P92(LTCVNESIFK	53	12
>BRCA2-P92(LTCVNEPIFK	48	>BRCA2-P92(LTCVNESIFK	28	20
>BRCA2-P92(LTCVNEPIF	443	>BRCA2-P92(LTCVNESIF	169	274
>BRCA2-P92(LTCVNEPI	358	>BRCA2-P92(LTCVNESI	416	58
>BRCA2-P92(LTCVNEPIF	14	>BRCA2-P92(LTCVNESIF	10	4
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>BRCA2-P92(LTCVNEPIF	551	>BRCA2-P92(LTCVNESIF	15	536
>BRCA2-P92(LTCVNEPIFK	420	>BRCA2-P92(LTCVNESIFK	595	175
>BRCA2-P92(LTCVNEPI	41	>BRCA2-P92(LTCVNESI	29	12
>BRCA2-P92(DLTCVNEPIF	221	>BRCA2-P92(DLTCVNESIFK	223	2
>BRCA2-P92(DLTCVNEPIF	48	>BRCA2-P92(DLTCVNESIFK	32	16
>BRCA2-P92(DLTCVNEPI	27	>BRCA2-P92(DLTCVNESI	110	83
>BRCA2-P92(TDLTCVNEPI	230	>BRCA2-P92(TDLTCVNESI	150	80
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>BRCA2-P92(TDLTCVNEPI	95	>BRCA2-P92(TDLTCVNESI	100	5
>BRCA2-P92(ETDLTCVNEP	58	>BRCA2-P92(ETDLTCVNES	172	114
>BRCA2-P92(ETDLTCVNEP	14	>BRCA2-P92(ETDLTCVNES	30	16
>BRCA2-R18IRPTFFEIFKTR	83	>BRCA2-R18IRPTFFEIFKTH	18353	18270
>BRCA2-R18IKTRCNKAD	138	>BRCA2-R18IKTHCNKAD	993	855
>BRCA2-R18IKTRCNKADL	10	>BRCA2-R18IKTHCNKADL	60	50
>BRCA2-R18IKTRCNKADLC	47	>BRCA2-R18IKTHCNKADLC	402	355
>BRCA2-R18IKTRCNKADLC	46	>BRCA2-R18IKTHCNKADLC	417	371
>BRCA2-R18IKTRCNKADL	11	>BRCA2-R18IKTHCNKADL	31	20
>BRCA2-R18IFKTRCNKADL	129	>BRCA2-R18IFKTHCNKADL	69	60
>BRCA2-R18IFKTRCNK	19	>BRCA2-R18IFKTHCNK	20	1
>BRCA2-R18IFKTRCNK	75	>BRCA2-R18IFKTHCNK	84	9
>BRCA2-R18IFKTRCNK	272	>BRCA2-R18IFKTHCNK	700	428
>BRCA2-R18EIFKTRCNK	286	>BRCA2-R18EIFKTHCNK	395	109
>BRCA2-R18EIFKTRCNK	195	>BRCA2-R18EIFKTHCNK	179	16
>BRCA2-R18EIFKTRCNK	383	>BRCA2-R18EIFKTHCNK	434	51
>BRCA2-R18EIFKTRCNK	5	>BRCA2-R18EIFKTHCNK	4	1
>BRCA2-R18EIFKTRCNK	198	>BRCA2-R18EIFKTHCNK	123	75

>BRCA2-R18IFEIFKTRCNK/	677	>BRCA2-R18IFEIFKTHCNK/	337	340
>BRCA2-R18IFEIFKTRCNK/	445	>BRCA2-R18IFEIFKTHCNK/	303	142
>BRCA2-R18IFFEIFKTR	330	>BRCA2-R18IFFEIFKTH	13301	12971
>BRCA2-R18IFFEIFKTR	269	>BRCA2-R18IFFEIFKTH	22573	22304
>BRCA2-R18IFFEIFKTR	357	>BRCA2-R18IFFEIFKTH	23233	22876
>BRCA2-R18IFFEIFKTRCNK	462	>BRCA2-R18IFFEIFKTHCNK	496	34
>BRCA2-R18IFFEIFKTR	54	>BRCA2-R18IFFEIFKTH	23731	23677
>BRCA2-R18ITFFEIFKTR	17	>BRCA2-R18ITFFEIFKTH	2474	2457
>BRCA2-R18ITFFEIFKTR	14	>BRCA2-R18ITFFEIFKTH	4622	4608
>BRCA2-R18ITFFEIFKTR	18	>BRCA2-R18ITFFEIFKTH	4261	4243
>BRCA2-R18ITFFEIFKTR	20	>BRCA2-R18ITFFEIFKTH	3278	3258
>BRCA2-R18IPTFFEIFKTR	322	>BRCA2-R18IPTFFEIFKTH	17819	17497
>BRCA2-R18IPTFFEIFKTR	82	>BRCA2-R18IPTFFEIFKTH	15010	14928
>BRCA2-R18IPTFFEIFKTR	286	>BRCA2-R18IPTFFEIFKTH	1507	1221
>BRCA2-R18IPTFFEIFKTR	192	>BRCA2-R18IPTFFEIFKTH	25578	25386
>BRCA2-R26`RDDTAAKTL	525	>BRCA2-R26`SDDTAAKTL	425	100
>BRCA2-R26`RDDTAAKTLV	109	>BRCA2-R26`SDDTAAKTLV	88	21
>BRCA2-R26`RDDTAAKTLV	488	>BRCA2-R26`SDDTAAKTLV	409	79
>BRCA2-R26`ERDDTAAK	6167	>BRCA2-R26`ESDDTAAK	88	6079
>BRCA2-R26`ERDDTAAKTL	13819	>BRCA2-R26`ESDDTAAKTL	282	13537
>BRCA2-R26`ERDDTAAKTL	13006	>BRCA2-R26`ESDDTAAKTL	242	12764
>BRCA2-R26`ERDDTAAKTL	3781	>BRCA2-R26`ESDDTAAKTL	18	3763
>BRCA2-R26`ERDDTAAKTL	24960	>BRCA2-R26`ESDDTAAKTL	42	24918
>BRCA2-R26`ERDDTAAKTL	66	>BRCA2-R26`ESDDTAAKTL	1524	1458
>BRCA2-R26`RRSAIKKIMEI	85	>BRCA2-R26`RRSAIKKIMEI	563	478
>BRCA2-R26`RRSAIKKIMEI	230	>BRCA2-R26`RRSAIKKIMEI	272	42
>BRCA2-R26`RRSAIKKIMEI	323	>BRCA2-R26`RRSAIKKIMEI	871	548
>BRCA2-R26`RRSAIKKIMEI	130	>BRCA2-R26`RRSAIKKIMEI	28527	28397
>BRCA2-R26`MERDDTAAK	259	>BRCA2-R26`MESDDTAAK	161	98
>BRCA2-R26`MERDDTAAK	311	>BRCA2-R26`MESDDTAAK	12963	12652
>BRCA2-R26`MERDDTAAK	494	>BRCA2-R26`MESDDTAAK	1336	842
>BRCA2-R26`MERDDTAAK	85	>BRCA2-R26`MESDDTAAK	103	18
>BRCA2-R26`MERDDTAAK	2971	>BRCA2-R26`MESDDTAAK	186	2785
>BRCA2-R26`MERDDTAAK	134	>BRCA2-R26`MESDDTAAK	13	121
>BRCA2-R26`MERDDTAAK	552	>BRCA2-R26`MESDDTAAK	259	293
>BRCA2-R26`MERDDTAA	30	>BRCA2-R26`MESDDTAA	17	13
>BRCA2-R26`MERDDTAAK	50	>BRCA2-R26`MESDDTAAK	74	24
>BRCA2-R26`IMERDDTA	270	>BRCA2-R26`IMESDDTA	246	24
>BRCA2-R26`IMERDDTAA	310	>BRCA2-R26`IMESDDTAA	299	11
>BRCA2-R26`KIMERDDTA	426	>BRCA2-R26`KIMESDDTA	335	91
>BRCA2-R26`KIMERDDTA/	1024	>BRCA2-R26`KIMESDDTA/	372	652
>BRCA2-R26`KIMERDDTA	671	>BRCA2-R26`KIMESDDTA	370	301
>BRCA2-R26`KIMERDDTA/	328	>BRCA2-R26`KIMESDDTA/	125	203



>BRCA2-R26:KIMERDDTA	421	>BRCA2-R26:KIMESDDTA	311	110
>BRCA2-R26:KIMERDDTA/	412	>BRCA2-R26:KIMESDDTA/	220	192
>BRCA2-R26:KIMERDDTA	81	>BRCA2-R26:KIMESDDTA	43	38
>BRCA2-R26:KIMERDDTA/	449	>BRCA2-R26:KIMESDDTA/	180	269
>BRCA2-R26:KIMERDDTA	837	>BRCA2-R26:KIMESDDTA	467	370
>BRCA2-R26:KIMERDDTA	183	>BRCA2-R26:KIMESDDTA	98	85
>BRCA2-R26:KIMERDDTA/	488	>BRCA2-R26:KIMESDDTA/	301	187
>BRCA2-R26:KIMERDDTA/	92	>BRCA2-R26:KIMESDDTA/	101	9
>BRCA2-R26:KIMERDDTA/	31	>BRCA2-R26:KIMESDDTA/	21	10
>BRCA2-R26:KIMERDDTA/	67	>BRCA2-R26:KIMESDDTA/	58	9
>BRCA2-R26:KIMERDDTA/	324	>BRCA2-R26:KIMESDDTA/	553	229
>BRCA2-R26:KKIMERDDTA	260	>BRCA2-R26:KKIMESDDTA	191	69
>BRCA2-R26:AIKKIMER	457	>BRCA2-R26:AIKKIMES	1127	670
>BRCA2-R26:AIKKIMER	18	>BRCA2-R26:AIKKIMES	12925	12907
>BRCA2-R26:AIKKIMER	299	>BRCA2-R26:AIKKIMES	32810	32511
>BRCA2-R26:SAIKKIMER	298	>BRCA2-R26:SAIKKIMES	20272	19974
>BRCA2-R26:SAIKKIMER	48	>BRCA2-R26:SAIKKIMES	18332	18284
>BRCA2-R26:SAIKKIMER	21	>BRCA2-R26:SAIKKIMES	12553	12532
>BRCA2-R26:SAIKKIMER	368	>BRCA2-R26:SAIKKIMES	7185	6817
>BRCA2-R26:RSAIKKIMER	315	>BRCA2-R26:RSAIKKIMES	29584	29269
>BRCA2-R26:RSAIKKIMER	18	>BRCA2-R26:RSAIKKIMES	14048	14030
>BRCA2-R26:RSAIKKIMER	337	>BRCA2-R26:RSAIKKIMES	30978	30641
>BRCA2-R26:RSAIKKIMER	360	>BRCA2-R26:RSAIKKIMES	11412	11052
>BRCA2-R26:RSAIKKIMER	334	>BRCA2-R26:RSAIKKIMES	34187	33853
>BRCA2-R27:RWYTKLGF	205	>BRCA2-R27:HWYTKLGF	372	167
>BRCA2-R27:RWYTKLGFF	243	>BRCA2-R27:HWYTKLGFF	411	168
>BRCA2-R27:RWYTKLGF	330	>BRCA2-R27:HWYTKLGF	1436	1106
>BRCA2-R27:RWYTKLGFF	131	>BRCA2-R27:HWYTKLGFF	521	390
>BRCA2-R27:RWYTKLGF	19	>BRCA2-R27:HWYTKLGF	44	25
>BRCA2-R27:RWYTKLGFF	14	>BRCA2-R27:HWYTKLGFF	27	13
>BRCA2-R27:RWYTKLGF	315	>BRCA2-R27:HWYTKLGF	953	638
>BRCA2-R27:RWYTKLGF	70	>BRCA2-R27:HWYTKLGF	156	86
>BRCA2-R27:RWYTKLGFF	18	>BRCA2-R27:HWYTKLGFF	32	14
>BRCA2-R27:RWYTKLGFFF	442	>BRCA2-R27:HWYTKLGFFF	1977	1535
>BRCA2-R27:RWYTKLGFFF	184	>BRCA2-R27:HWYTKLGFFF	400	216
>BRCA2-R27:ARWYTKLGF	1766	>BRCA2-R27:AHWYTKLGF	481	1285
>BRCA2-R27:ARWYTKLGF	10	>BRCA2-R27:AHWYTKLGF	17	7
>BRCA2-R27:ARWYTKLGF	53	>BRCA2-R27:AHWYTKLGF	70	17
>BRCA2-R27:ARWYTKLGF	22	>BRCA2-R27:AHWYTKLGF	10189	10167
>BRCA2-R27:ARWYTKLGF	33	>BRCA2-R27:AHWYTKLGF	1652	1619
>BRCA2-R27:ARWYTKLGF	176	>BRCA2-R27:AHWYTKLGF	20087	19911
>BRCA2-R27:ARWYTKLG	304	>BRCA2-R27:AHWYTKLG	7285	6981
>BRCA2-R27:ARWYTKLGF	334	>BRCA2-R27:AHWYTKLGF	9491	9157

>BRCA2-R27:ARWYTKLG	455	>BRCA2-R27:AHWYTKLG	16465	16010
>BRCA2-R27:ARWYTKLGF	53	>BRCA2-R27:AHWYTKLGF	3578	3525
>BRCA2-R27:ARWYTKLGF	333	>BRCA2-R27:AHWYTKLGF	19360	19027
>BRCA2-R27:ARWYTKLGF	9	>BRCA2-R27:AHWYTKLGF	4354	4345
>BRCA2-R27:ARWYTKLGF	229	>BRCA2-R27:AHWYTKLGF	20578	20349
>BRCA2-R27:KISANSTRPAI	226	>BRCA2-R27:KISANSTRPAI	605	379
>BRCA2-R27:KISANSTRPAI	264	>BRCA2-R27:KISANSTRPAI	2036	1772
>BRCA2-R27:KISANSTRPAI	18	>BRCA2-R27:KISANSTRPAI	4642	4624
>BRCA2-R27:KISANSTRPAI	38	>BRCA2-R27:KISANSTRPAI	18116	18078
>BRCA2-R27:PARWYTKLGI	464	>BRCA2-R27:PAHWYTKLGI	1375	911
>BRCA2-R27:RPARWYTKL	15	>BRCA2-R27:RPAHWYTKL	14	1
>BRCA2-R27:RPARWYTKL	20	>BRCA2-R27:RPAHWYTKL	19	1
>BRCA2-R27:RPARWYTKL	181	>BRCA2-R27:RPAHWYTKL	99	82
>BRCA2-R27:RPARWYTKL	246	>BRCA2-R27:RPAHWYTKL	92	154
>BRCA2-R27:RPARWYTKL	770	>BRCA2-R27:RPAHWYTKL	327	443
>BRCA2-R27:RPARWYTKL	784	>BRCA2-R27:RPAHWYTKL	455	329
>BRCA2-R27:TRPARWYTK	399	>BRCA2-R27:TRPAHWYTK	649	250
>BRCA2-R27:TRPARWYTKI	112	>BRCA2-R27:TRPAHWYTKI	188	76
>BRCA2-R27:TRPARWYTKI	302	>BRCA2-R27:TRPAHWYTKI	775	473
>BRCA2-R27:TRPARWYTKI	170	>BRCA2-R27:TRPAHWYTKI	532	362
>BRCA2-R27:STRPARWYTI	52	>BRCA2-R27:STRPAHWYTI	77	25
>BRCA2-R27:STRPARWYTI	11	>BRCA2-R27:STRPAHWYTI	15	4
>BRCA2-R27:STRPARWY	69	>BRCA2-R27:STRPAHWY	26	43
>BRCA2-R27:STRPARWY	387	>BRCA2-R27:STRPAHWY	265	122
>BRCA2-R27:STRPARWY	645	>BRCA2-R27:STRPAHWY	86	559
>BRCA2-R27:STRPARWY	25	>BRCA2-R27:STRPAHWY	21	4
>BRCA2-R27:STRPARWYT	10	>BRCA2-R27:STRPAHWYT	9	1
>BRCA2-R27:STRPARWYTI	3	>BRCA2-R27:STRPAHWYTI	3	0
>BRCA2-R27:STRPARWYTI	14	>BRCA2-R27:STRPAHWYTI	15	1
>BRCA2-R27:STRPARWY	171	>BRCA2-R27:STRPAHWY	45	126
>BRCA2-R27:STRPARWYTI	172	>BRCA2-R27:STRPAHWYTI	455	283
>BRCA2-R27:STRPARWYTI	91	>BRCA2-R27:STRPAHWYTI	109	18
>BRCA2-R27:STRPARWY	2008	>BRCA2-R27:STRPAHWY	324	1684
>BRCA2-R27:STRPARWY	4	>BRCA2-R27:STRPAHWY	3	1
>BRCA2-R27:STRPARWYT	2125	>BRCA2-R27:STRPAHWYT	392	1733
>BRCA2-R27:STRPARWYTI	9	>BRCA2-R27:STRPAHWYTI	5	4
>BRCA2-R27:STRPARWY	147	>BRCA2-R27:STRPAHWY	112	35
>BRCA2-R27:STRPARWYT	2030	>BRCA2-R27:STRPAHWYT	433	1597
>BRCA2-R27:STRPARWYTI	271	>BRCA2-R27:STRPAHWYTI	129	142
>BRCA2-R27:STRPARWYTI	30	>BRCA2-R27:STRPAHWYTI	21	9
>BRCA2-R27:STRPARWY	805	>BRCA2-R27:STRPAHWY	246	559
>BRCA2-R27:STRPARWYTI	140	>BRCA2-R27:STRPAHWYTI	81	59
>BRCA2-R27:STRPARWYTI	177	>BRCA2-R27:STRPAHWYTI	153	24

>BRCA2-R27:NSTRPARWY	622	>BRCA2-R27:NSTRPAHWY	241	381
>BRCA2-R27:NSTRPARWY	171	>BRCA2-R27:NSTRPAHWY	69	102
>BRCA2-R27:NSTRPARWY	4030	>BRCA2-R27:NSTRPAHWY	353	3677
>BRCA2-R27:NSTRPARWY	172	>BRCA2-R27:NSTRPAHWY	76	96
>BRCA2-R27:NSTRPARWY	728	>BRCA2-R27:NSTRPAHWY	475	253
>BRCA2-R27:NSTRPARW	52	>BRCA2-R27:NSTRPAHW	65	13
>BRCA2-R27:NSTRPARWY	202	>BRCA2-R27:NSTRPAHWY	72	130
>BRCA2-R27:NSTRPARW	86	>BRCA2-R27:NSTRPAHW	78	8
>BRCA2-R27:NSTRPARW	58	>BRCA2-R27:NSTRPAHW	21	37
>BRCA2-R27:NSTRPARWY	58	>BRCA2-R27:NSTRPAHWY	52	6
>BRCA2-R27:NSTRPARWY	3753	>BRCA2-R27:NSTRPAHWY	384	3369
>BRCA2-R27:SANSTRPARV	125	>BRCA2-R27:SANSTRPAHV	22	103
>BRCA2-R27:SANSTRPAR	16	>BRCA2-R27:SANSTRPAH	4251	4235
>BRCA2-R27:SANSTRPAR	35	>BRCA2-R27:SANSTRPAH	11301	11266
>BRCA2-R27:SANSTRPARV	38	>BRCA2-R27:SANSTRPAHV	63	25
>BRCA2-R27:SANSTRPARV	139	>BRCA2-R27:SANSTRPAHV	91	48
>BRCA2-R27:SANSTRPARV	110	>BRCA2-R27:SANSTRPAHV	103	7
>BRCA2-R27:SANSTRPARV	22	>BRCA2-R27:SANSTRPAHV	17	5
>BRCA2-R27:SANSTRPARV	80	>BRCA2-R27:SANSTRPAHV	75	5
>BRCA2-R27:ISANSTRPAR	137	>BRCA2-R27:ISANSTRPAH	14243	14106
>BRCA2-R27:ISANSTRPAR	103	>BRCA2-R27:ISANSTRPAH	19103	19000
>BRCA2-R27:ISANSTRPAR	491	>BRCA2-R27:ISANSTRPAH	461	30
>BRCA2-R27:ISANSTRPAR'	4	>BRCA2-R27:ISANSTRPAH'	4	0
>BRCA2-R27:ISANSTRPAR'	37	>BRCA2-R27:ISANSTRPAH'	38	1
>BRCA2-R27:ISANSTRPAR'	11	>BRCA2-R27:ISANSTRPAH'	10	1
>BRCA2-R27:ISANSTRPAR'	482	>BRCA2-R27:ISANSTRPAH'	2091	1609
>BRCA2-R27:ISANSTRPAR'	275	>BRCA2-R27:ISANSTRPAH'	324	49
>BRCA2-R28:FRNEREEEEK	372	>BRCA2-R28:FCNEREEEEK	24850	24478
>BRCA2-R28:EKTSSGLYIFR	39	>BRCA2-R28:EKTSSGLYIFC	33163	33124
>BRCA2-R28:EKTSSGLYIFR	459	>BRCA2-R28:EKTSSGLYIFC	36430	35971
>BRCA2-R28:IFRNEREEEEK	186	>BRCA2-R28:IFCNEREEEEK	8783	8597
>BRCA2-R28:YIFRNEREEEEK	212	>BRCA2-R28:YIFCNEREEEEK	234	22
>BRCA2-R28:YIFRNEREEEEK	19	>BRCA2-R28:YIFCNEREEEEK	15	4
>BRCA2-R28:LYIFRNER	37	>BRCA2-R28:LYIFCNER	118	81
>BRCA2-R28:LYIFRNER	31	>BRCA2-R28:LYIFCNER	56	25
>BRCA2-R28:LYIFRNER	183	>BRCA2-R28:LYIFCNER	177	6
>BRCA2-R28:LYIFRNER	93	>BRCA2-R28:LYIFCNER	60	33
>BRCA2-R28:GLYIFRNER	443	>BRCA2-R28:GLYIFCNER	664	221
>BRCA2-R28:GLYIFRNER	19	>BRCA2-R28:GLYIFCNER	95	76
>BRCA2-R28:GLYIFRNER	225	>BRCA2-R28:GLYIFCNER	239	14
>BRCA2-R28:GLYIFRNER	370	>BRCA2-R28:GLYIFCNER	791	421
>BRCA2-R28:SGLYIFRNER	66	>BRCA2-R28:SGLYIFCNER	164	98
>BRCA2-R28:SGLYIFRNER	358	>BRCA2-R28:SGLYIFCNER	271	87

>BRCA2-R28:SSGLYIFR	35	>BRCA2-R28:SSGLYIFC	19733	19698
>BRCA2-R28:SSGLYIFRNER	257	>BRCA2-R28:SSGLYIFCNER	290	33
>BRCA2-R28:SSGLYIFR	17	>BRCA2-R28:SSGLYIFC	16976	16959
>BRCA2-R28:SSGLYIFRNER	35	>BRCA2-R28:SSGLYIFCNER	96	61
>BRCA2-R28:SSGLYIFR	336	>BRCA2-R28:SSGLYIFC	36735	36399
>BRCA2-R28:SSGLYIFR	68	>BRCA2-R28:SSGLYIFC	36964	36896
>BRCA2-R28:SSGLYIFRNER	95	>BRCA2-R28:SSGLYIFCNER	111	16
>BRCA2-R28:SSGLYIFR	232	>BRCA2-R28:SSGLYIFC	12824	12592
>BRCA2-R28:SSGLYIFRNER	493	>BRCA2-R28:SSGLYIFCNER	302	191
>BRCA2-R28:SSGLYIFR	186	>BRCA2-R28:SSGLYIFC	35358	35172
>BRCA2-R28:TSSGLYIFR	15	>BRCA2-R28:TSSGLYIFC	15079	15064
>BRCA2-R28:TSSGLYIFR	15	>BRCA2-R28:TSSGLYIFC	17797	17782
>BRCA2-R28:TSSGLYIFR	45	>BRCA2-R28:TSSGLYIFC	30321	30276
>BRCA2-R28:TSSGLYIFR	5	>BRCA2-R28:TSSGLYIFC	22230	22225
>BRCA2-R28:TSSGLYIFR	364	>BRCA2-R28:TSSGLYIFC	18430	18066
>BRCA2-R28:TSSGLYIFR	151	>BRCA2-R28:TSSGLYIFC	35885	35734
>BRCA2-R28:KTSSGLYIFR	71	>BRCA2-R28:KTSSGLYIFC	9885	9814
>BRCA2-R28:KTSSGLYIFR	14	>BRCA2-R28:KTSSGLYIFC	22253	22239
>BRCA2-R28:KTSSGLYIFR	60	>BRCA2-R28:KTSSGLYIFC	782	722
>BRCA2-R28:KTSSGLYIFR	7	>BRCA2-R28:KTSSGLYIFC	8909	8902
>BRCA2-R28:KTSSGLYIFR	282	>BRCA2-R28:KTSSGLYIFC	24049	23767
>BRCA2-R28:KTSSGLYIFR	17	>BRCA2-R28:KTSSGLYIFC	27613	27596
>BRCA2-R28:KTSSGLYIFR	3887	>BRCA2-R28:KTSSGLYIFC	445	3442
>BRCA2-R28:KTSSGLYIFR	243	>BRCA2-R28:KTSSGLYIFC	32632	32389
>BRCA2-R28:KTSSGLYIFR	251	>BRCA2-R28:KTSSGLYIFC	14751	14500
>BRCA2-R28:KTSSGLYIFR	51	>BRCA2-R28:KTSSGLYIFC	30309	30258
>BRCA2-T13:TDLLFTDQH	61	>BRCA2-T13:MDLLFTDQH	61	0
>BRCA2-T13:TDLLFTDQH	292	>BRCA2-T13:MDLLFTDQH	89	203
>BRCA2-T13:TDLLFTDQH	224	>BRCA2-T13:MDLLFTDQH	1124	900
>BRCA2-T13:TDLLFTDQH	23	>BRCA2-T13:MDLLFTDQH	29	6
>BRCA2-T13:DETDLLFT	371	>BRCA2-T13:DEMDLLFT	99	272
>BRCA2-T13:DETDLLFTD	19	>BRCA2-T13:DEMDLLFTD	9	10
>BRCA2-T13:DETDLLFTDQ	132	>BRCA2-T13:DEMDLLFTDQ	42	90
>BRCA2-T13:HKDETDLLF	444	>BRCA2-T13:HKDEM DLLF	1416	972
>BRCA2-T13:HKDETDLL	86	>BRCA2-T13:HKDEM DLL	203	117
>BRCA2-T13:IHKDETDLLF	180	>BRCA2-T13:IHKDEM DLLF	372	192
>BRCA2-T13:DTVCIHKDET	5854	>BRCA2-T13:DTVCIHKDEN	19	5835
>BRCA2-T33:STGEKQFISV	223	>BRCA2-T33:SRGEKQFISV	8299	8076
>BRCA2-T33:STGEKQFISV	167	>BRCA2-T33:SRGEKQFISV	4847	4680
>BRCA2-T33:STGEKQFI	359	>BRCA2-T33:SRGEKQFI	12900	12541
>BRCA2-T33:STGEKQFISV	33	>BRCA2-T33:SRGEKQFISV	4139	4106
>BRCA2-T33:STGEKQFISV	175	>BRCA2-T33:SRGEKQFISV	8569	8394
>BRCA2-T33:STGEKQFISV	43	>BRCA2-T33:SRGEKQFISV	4984	4941

>BRCA2-T33!STGEKQFISV	68	>BRCA2-T33!SRGEKQFISV	3862	3794
>BRCA2-T33!STGEKQFISV	99	>BRCA2-T33!SRGEKQFISV	17910	17811
>BRCA2-T33!STGEKQFISV	38	>BRCA2-T33!SRGEKQFISV	13716	13678
>BRCA2-T33!STGEKQFISV	271	>BRCA2-T33!SRGEKQFISV	21798	21527
>BRCA2-T33!STGEKQFI	52	>BRCA2-T33!SRGEKQFI	4939	4887
>BRCA2-T33!GSTGEKQFI	9796	>BRCA2-T33!GSRGEKQFI	104	9692
>BRCA2-T33!GSTGEKQFIS'	8506	>BRCA2-T33!GSRGEKQFIS'	89	8417
>BRCA2-T33!GSTGEKQF	23	>BRCA2-T33!GSRGEKQF	8	15
>BRCA2-T33!LSGSTGEK	421	>BRCA2-T33!LSGSRGEK	672	251
>BRCA2-T33!LSGSTGEKQF	144	>BRCA2-T33!LSGSRGEKQF	419	275
>BRCA2-T33!LSGSTGEKQF	17	>BRCA2-T33!LSGSRGEKQF	20	3
>BRCA2-T33!LSGSTGEKQF	283	>BRCA2-T33!LSGSRGEKQF	1224	941
>BRCA2-T33!LSGSTGEKQF	243	>BRCA2-T33!LSGSRGEKQF	143	100
>BRCA2-T33!LSGSTGEKQF	31	>BRCA2-T33!LSGSRGEKQF	35	4
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>BRCA2-V19;FSTASGKSVQ	161	>BRCA2-V19;FSTASGKSVQ	771	610
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>BRCA2-V19;ASGKSVQV	1804	>BRCA2-V19;ASGKSVQI	251	1553
>BRCA2-V19;ASGKSVQV	5446	>BRCA2-V19;ASGKSVQI	76	5370
>BRCA2-V19;TASGKSVQV	138	>BRCA2-V19;TASGKSVQI	11907	11769
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>BRCA2-V19;STASGKSVQV	3279	>BRCA2-V19;STASGKSVQI	389	2890
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>BRCA2-V35!EKYSFVSEV	651	>BRCA2-V35!EKYSFLSEV	470	181
>BRCA2-V35!EKYSFVSEV	189	>BRCA2-V35!EKYSFLSEV	356	167
>BRCA2-V35!EKYSFVSEV	271	>BRCA2-V35!EKYSFLSEV	219	52
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>BRCA2-V35!KEKYSFVS	337	>BRCA2-V35!KEKYSFVS	115	222
>BRCA2-V35!KEKYSFVSEV	198	>BRCA2-V35!KEKYSFLSEV	148	50
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>BRCA2-V35!KEKYSFVS	394	>BRCA2-V35!KEKYSFVS	741	347
>BRCA2-V35!KEKYSFVSE	894	>BRCA2-V35!KEKYSFVSE	454	440
>BRCA2-V35!KEKYSFVSEV	107	>BRCA2-V35!KEKYSFLSEV	103	4
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>BRCA2-V35!KEKYSFVSEV	416	>BRCA2-V35!KEKYSFLSEV	531	115
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>BRCA2-V35!QVKEKYSFV	17	>BRCA2-V35!QVKEKYSFV	169	152
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>BRCA2-V35!QVKEKYSFV	43	>BRCA2-V35!QVKEKYSFV	69	26
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>BRD3-A161`RKAAGAQS	464	>BRD3-A161`RKPATGAQS	262	202
>BRD3-A161`KGRKPAAG	203	>BRD3-A161`KGRKPATG	280	77
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>BRD3-A161`KGRKPAAGA	331	>BRD3-A161`KGRKPATGA	345	14
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>BRD3-T36N`KTNQLQYMC	196	>BRD3-T36N`KNNQLQYMC	5354	5158
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>BRD3-T36N`KTNQLQYMC	261	>BRD3-T36N`KNNQLQYMC	10068	9807
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>BRD3-T36N`KTNQLQYMC	346	>BRD3-T36N`KNNQLQYMC	14798	14452
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>BRD3-T36N`KTNQLQYM	154	>BRD3-T36N`KNNQLQYM	13811	13657
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>BRD3-T36N`GRKTNQLQY	412	>BRD3-T36N`GRKNNQLQY	288	124
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>BRD4-C125`CIQDFNTMF	12319	>BRD4-C125`YIQDFNTMF	434	11885
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>BRD4-C125' ECIQDFNTMF	6504	>BRD4-C125' EYIQDFNTMF	57	6447
>BRD4-C125' ECIQDFNTM	22830	>BRD4-C125' EYIQDFNTM	65	22765
>BRD4-C125' ECIQDFNTMF	8626	>BRD4-C125' EYIQDFNTMF	11	8615
>BRD4-C125' ECIQDFNTM	351	>BRD4-C125' EYIQDFNTM	50	301
>BRD4-C125' ECIQDFNTMF	760	>BRD4-C125' EYIQDFNTMF	92	668
>BRD4-C125' ECIQDFNTMF	2344	>BRD4-C125' EYIQDFNTMF	319	2025
>BRD4-C125' ECIQDFNTM	4	>BRD4-C125' EYIQDFNTM	4	0
>BRD4-C125' ECIQDFNTMF	20	>BRD4-C125' EYIQDFNTMF	22	2
>BRD4-C125' ECIQDFNTM	4	>BRD4-C125' EYIQDFNTM	4	0
>BRD4-C125' ECIQDFNTMF	188	>BRD4-C125' EYIQDFNTMF	211	23
>BRD4-C125' ECIQDFNTMF	3162	>BRD4-C125' EYIQDFNTMF	184	2978
>BRD4-C125' ECIQDFNTM	6625	>BRD4-C125' EYIQDFNTM	202	6423
>BRD4-C125' QECIQDFNTM	1204	>BRD4-C125' QEYIQDFNTM	96	1108
>BRD4-C125' QECIQDFNTM	2998	>BRD4-C125' QEYIQDFNTM	248	2750
>BRD4-C125' QECIQDFNTM	977	>BRD4-C125' QEYIQDFNTM	86	891
>BRD4-C125' QECIQDFNTM	113	>BRD4-C125' QEYIQDFNTM	48	65
>BRD4-C125' QECIQDFNTM	820	>BRD4-C125' QEYIQDFNTM	391	429
>BRD4-C125' QECIQDFNTM	1020	>BRD4-C125' QEYIQDFNTM	272	748
>BRD4-C125' QECIQDFNTM	1270	>BRD4-C125' QEYIQDFNTM	149	1121
>BRD4-C125' QECIQDFNTM	758	>BRD4-C125' QEYIQDFNTM	247	511
>BRD4-C125' QECIQDFNTM	1287	>BRD4-C125' QEYIQDFNTM	383	904
>BRD4-C125' QECIQDFNTM	1164	>BRD4-C125' QEYIQDFNTM	173	991
>BRD4-C125' QECIQDFNTM	191	>BRD4-C125' QEYIQDFNTM	123	68
>BRD4-C125' QECIQDFNT	796	>BRD4-C125' QEYIQDFNT	442	354
>BRD4-C125' QECIQDFNTM	1505	>BRD4-C125' QEYIQDFNTM	150	1355
>BRD4-C125' AQECIQDFNT	430	>BRD4-C125' AQEYIQDFNT	692	262
>BRD4-C125' AQECIQDF	67	>BRD4-C125' AQEYIQDF	58	9
>BRD4-C125' NAQECIQDF	489	>BRD4-C125' NAQEYIQDF	647	158

>BRD4-C125'WNAQECIQD	329	>BRD4-C125'WNAQEYIQD	193	136
>BRD4-C125'YWNAQECI	1916	>BRD4-C125'YWNAQEYI	294	1622
>BRD4-C125'YWNAQECIQ	415	>BRD4-C125'YWNAQEYIQ	235	180
>BRD4-C125'YWNAQECI	1407	>BRD4-C125'YWNAQEYI	82	1325
>BRD4-C125'YWNAQECIQ	21	>BRD4-C125'YWNAQEYIQ	15	6
>BRD4-C125'YWNAQECIQ	380	>BRD4-C125'YWNAQEYIQ	334	46
>BRD4-C125'YWNAQECI	1016	>BRD4-C125'YWNAQEYI	320	696
>BRD4-C125'YYWNAQECI	243	>BRD4-C125'YYWNAQEYI	34	209
>BRD4-C125'YYWNAQECI	1269	>BRD4-C125'YYWNAQEYI	34	1235
>BRD4-C125'YYWNAQECI	378	>BRD4-C125'YYWNAQEYI	100	278
>BRD4-C125'YYWNAQECI	2086	>BRD4-C125'YYWNAQEYI	308	1778
>BRD4-C125'YYWNAQEC	4898	>BRD4-C125'YYWNAQEY	382	4516
>BRD4-C125'YYWNAQECI	31	>BRD4-C125'YYWNAQEYI	24	7
>BRD4-C125'YYWNAQECI	94	>BRD4-C125'YYWNAQEYI	103	9
>BRD4-C125'YYWNAQEC	118	>BRD4-C125'YYWNAQEY	29	89
>BRD4-C125'YYWNAQECI	14	>BRD4-C125'YYWNAQEYI	4	10
>BRD4-C125'YYWNAQECIK	1019	>BRD4-C125'YYWNAQEYIK	300	719
>BRD4-C125'YYWNAQEC	10419	>BRD4-C125'YYWNAQEY	9	10410
>BRD4-C125'YYWNAQEC	17721	>BRD4-C125'YYWNAQEY	238	17483
>BRD4-C125'YYWNAQEC	25249	>BRD4-C125'YYWNAQEY	112	25137
>BRD4-C125'YYWNAQEC	23275	>BRD4-C125'YYWNAQEY	230	23045
>BRD4-C125'YYWNAQEC	10493	>BRD4-C125'YYWNAQEY	121	10372
>BRD4-C125'YYWNAQEC	14282	>BRD4-C125'YYWNAQEY	82	14200
>BRD4-C125'YYWNAQECIK	1093	>BRD4-C125'YYWNAQEYIK	404	689
>BRD4-C125'NYYWNAQEC	229	>BRD4-C125'NYYWNAQEY	35	194
>BRD4-C125'NYYWNAQEC	314	>BRD4-C125'NYYWNAQEY	338	24
>BRD4-C125'NYYWNAQEC	676	>BRD4-C125'NYYWNAQEY	147	529
>BRD4-C125'NYYWNAQEC	59	>BRD4-C125'NYYWNAQEY	8	51
>BRD4-C125'NYYWNAQEC	18146	>BRD4-C125'NYYWNAQEY	34	18112
>BRD4-C125'NYYWNAQEC	28147	>BRD4-C125'NYYWNAQEY	420	27727
>BRD4-C125'NYYWNAQEC	16546	>BRD4-C125'NYYWNAQEY	375	16171
>BRD4-C125'NYYWNAQEC	36911	>BRD4-C125'NYYWNAQEY	288	36623
>BRD4-C125'NYYWNAQEC	911	>BRD4-C125'NYYWNAQEY	411	500
>BRD4-C125'NYYWNAQEC	385	>BRD4-C125'NYYWNAQEY	1593	1208
>BRD4-C125'NYYWNAQEC	162	>BRD4-C125'NYYWNAQEY	44	118
>BRD4-C125'NNYYWNAQI	106	>BRD4-C125'NNYYWNAQI	151	45
>BRD4-C125'NNYYWNAQI	30219	>BRD4-C125'NNYYWNAQI	131	30088
>BRD4-C125'NNYYWNAQI	966	>BRD4-C125'NNYYWNAQI	105	861
>BRD4-C125'NNYYWNAQI	27695	>BRD4-C125'NNYYWNAQI	460	27235
>BRD4-C125'NNYYWNAQI	20444	>BRD4-C125'NNYYWNAQI	470	19974
>BRD4-C125'NNYYWNAQI	672	>BRD4-C125'NNYYWNAQI	446	226
>BRD4_ENST CIQDFNTM	6697	>BRD4_ENST YIQDFNTM	167	6530
>BRD4_ENST CIQDFNTMFT	5330	>BRD4_ENST YIQDFNTMFT	188	5142

>BRD4_ENST CIQDFNTM	3116	>BRD4_ENST YIQDFNTM	163	2953
>BRD4_ENST CIQDFNTMF1	1147	>BRD4_ENST YIQDFNTMF1	98	1049
>BRD4_ENST CIQDFNTMF1	1177	>BRD4_ENST YIQDFNTMF1	92	1085
>BRD4_ENST CIQDFNTM	4359	>BRD4_ENST YIQDFNTM	65	4294
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>BRD4_ENST CIQDFNTM	8489	>BRD4_ENST YIQDFNTM	222	8267
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>BRD4_ENST CIQDFNTMF1	7313	>BRD4_ENST YIQDFNTMF1	75	7238
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>BRD4_ENST CIQDFNTMF	1915	>BRD4_ENST YIQDFNTMF	85	1830
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>BRD4_ENST CIQDFNTMF	485	>BRD4_ENST YIQDFNTMF	51	434
>BRD4_ENST CIQDFNTM	3805	>BRD4_ENST YIQDFNTM	347	3458
>BRD4_ENST CIQDFNTM	3571	>BRD4_ENST YIQDFNTM	418	3153
>BRD4_ENST CIQDFNTMF	466	>BRD4_ENST YIQDFNTMF	19	447
>BRD4_ENST ECIQDFNTM	28347	>BRD4_ENST EYIQDFNTM	184	28163
>BRD4_ENST ECIQDFNTMF	3120	>BRD4_ENST EYIQDFNTMF	35	3085
>BRD4_ENST ECIQDFNTM	21191	>BRD4_ENST EYIQDFNTM	305	20886
>BRD4_ENST ECIQDFNTMF	6504	>BRD4_ENST EYIQDFNTMF	57	6447
>BRD4_ENST ECIQDFNTM	22830	>BRD4_ENST EYIQDFNTM	65	22765
>BRD4_ENST ECIQDFNTMF	8626	>BRD4_ENST EYIQDFNTMF	11	8615
>BRD4_ENST ECIQDFNTM	351	>BRD4_ENST EYIQDFNTM	50	301
>BRD4_ENST ECIQDFNTMF	760	>BRD4_ENST EYIQDFNTMF	92	668
>BRD4_ENST ECIQDFNTMF	2344	>BRD4_ENST EYIQDFNTMF	319	2025
>BRD4_ENST ECIQDFNTM	4	>BRD4_ENST EYIQDFNTM	4	0
>BRD4_ENST ECIQDFNTMF	20	>BRD4_ENST EYIQDFNTMF	22	2
>BRD4_ENST ECIQDFNTM	4	>BRD4_ENST EYIQDFNTM	4	0
>BRD4_ENST ECIQDFNTMF	188	>BRD4_ENST EYIQDFNTMF	211	23
>BRD4_ENST ECIQDFNTMF	3162	>BRD4_ENST EYIQDFNTMF	184	2978
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>BRD4_ENST QECIQDFNTM	1204	>BRD4_ENST QEYIQDFNTM	96	1108
>BRD4_ENST QECIQDFNTM	2998	>BRD4_ENST QEYIQDFNTM	248	2750
>BRD4_ENST QECIQDFNTM	977	>BRD4_ENST QEYIQDFNTM	86	891
>BRD4_ENST QECIQDFNTM	113	>BRD4_ENST QEYIQDFNTM	48	65
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>BRD4_ENST QECIQDFNTM	1270	>BRD4_ENST QEYIQDFNTM	149	1121
>BRD4_ENST QECIQDFNTM	758	>BRD4_ENST QEYIQDFNTM	247	511
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>BRD4_ENST QECIQDFNTM	1164	>BRD4_ENST QEYIQDFNTM	173	991

>BRD4_ENST QECIQDFNTM	191	>BRD4_ENST QEYIQDFNTM	123	68
>BRD4_ENST QECIQDFNT	796	>BRD4_ENST QEYIQDFNT	442	354
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>BRD4_ENST AQECIQDFNT	430	>BRD4_ENST AQEYIQDFNT	692	262
>BRD4_ENST AQECIQDF	67	>BRD4_ENST AQEYIQDF	58	9
>BRD4_ENST NAQECIQDF	489	>BRD4_ENST NAQEYIQDF	647	158
>BRD4_ENST WNAQECIQD	329	>BRD4_ENST WNAQEYIQD	193	136
>BRD4_ENST YWNAQECI	1916	>BRD4_ENST YWNAQEYI	294	1622
>BRD4_ENST YWNAQECIQ	415	>BRD4_ENST YWNAQEYIQ	235	180
>BRD4_ENST YWNAQECI	1407	>BRD4_ENST YWNAQEYI	82	1325
>BRD4_ENST YWNAQECIQ	21	>BRD4_ENST YWNAQEYIQ	15	6
>BRD4_ENST YWNAQECIQ	380	>BRD4_ENST YWNAQEYIQ	334	46
>BRD4_ENST YWNAQECI	1016	>BRD4_ENST YWNAQEYI	320	696
>BRD4_ENST YYWNAQECI	243	>BRD4_ENST YYWNAQEYI	34	209
>BRD4_ENST YYWNAQECI	1269	>BRD4_ENST YYWNAQEYI	34	1235
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>BRD4_ENST YYWNAQECI	2086	>BRD4_ENST YYWNAQEYI	308	1778
>BRD4_ENST YYWNAQEC	4898	>BRD4_ENST YYWNAQEY	382	4516
>BRD4_ENST YYWNAQECI	31	>BRD4_ENST YYWNAQEYI	24	7
>BRD4_ENST YYWNAQECI	94	>BRD4_ENST YYWNAQEYI	103	9
>BRD4_ENST YYWNAQEC	118	>BRD4_ENST YYWNAQEY	29	89
>BRD4_ENST YYWNAQECI	14	>BRD4_ENST YYWNAQEYI	4	10
>BRD4_ENST YYWNAQECIK	1019	>BRD4_ENST YYWNAQEYIK	300	719
>BRD4_ENST YYWNAQEC	10419	>BRD4_ENST YYWNAQEY	9	10410
>BRD4_ENST YYWNAQEC	17721	>BRD4_ENST YYWNAQEY	238	17483
>BRD4_ENST YYWNAQEC	25249	>BRD4_ENST YYWNAQEY	112	25137
>BRD4_ENST YYWNAQEC	23275	>BRD4_ENST YYWNAQEY	230	23045
>BRD4_ENST YYWNAQEC	10493	>BRD4_ENST YYWNAQEY	121	10372
>BRD4_ENST YYWNAQEC	14282	>BRD4_ENST YYWNAQEY	82	14200
>BRD4_ENST YYWNAQECIK	1093	>BRD4_ENST YYWNAQEYIK	404	689
>BRD4_ENST NYYWNAQEC	229	>BRD4_ENST NYYWNAQEY	35	194
>BRD4_ENST NYYWNAQEC	314	>BRD4_ENST NYYWNAQEY	338	24
>BRD4_ENST NYYWNAQEC	676	>BRD4_ENST NYYWNAQEY	147	529
>BRD4_ENST NYYWNAQEC	59	>BRD4_ENST NYYWNAQEY	8	51
>BRD4_ENST NYYWNAQEC	18146	>BRD4_ENST NYYWNAQEY	34	18112
>BRD4_ENST NYYWNAQEC	28147	>BRD4_ENST NYYWNAQEY	420	27727
>BRD4_ENST NYYWNAQEC	16546	>BRD4_ENST NYYWNAQEY	375	16171
>BRD4_ENST NYYWNAQEC	36911	>BRD4_ENST NYYWNAQEY	288	36623
>BRD4_ENST NYYWNAQEC	911	>BRD4_ENST NYYWNAQEY	411	500
>BRD4_ENST NYYWNAQEC	385	>BRD4_ENST NYYWNAQEY	1593	1208
>BRD4_ENST NYYWNAQEC	162	>BRD4_ENST NYYWNAQEY	44	118
>BRD4_ENST NNYYWNAQI	106	>BRD4_ENST NNYYWNAQI	151	45
>BRD4_ENST NNYYWNAQI	30219	>BRD4_ENST NNYYWNAQI	131	30088

>BRD4_ENST NNYWNAQI	966	>BRD4_ENST NNYWNAQI	105	861
>BRD4_ENST NNYWNAQI	27695	>BRD4_ENST NNYWNAQI	460	27235
>BRD4_ENST NNYWNAQI	20444	>BRD4_ENST NNYWNAQI	470	19974
>BRD4_ENST NNYWNAQI	672	>BRD4_ENST NNYWNAQI	446	226
>BRIP1-T650 TIGSGPKGR	600	>BRIP1-T650 IIGSGPKGR	398	202
>BRIP1-T650 GTIGSGPK	463	>BRIP1-T650 GIIGSGPK	324	139
>BRIP1-T650 GTIGSGPK	15	>BRIP1-T650 GIIGSGPK	29	14
>BRIP1-T650 GTIGSGPK	179	>BRIP1-T650 GIIGSGPK	1039	860
>BRIP1-T650 GTIGSGPK	284	>BRIP1-T650 GIIGSGPK	1581	1297
>BRIP1-T650 GTIGSGPKGR	427	>BRIP1-T650 GIIGSGPKGR	1454	1027
>BRIP1-T650 GTIGSGPK	241	>BRIP1-T650 GIIGSGPK	4892	4651
>BRIP1-T650 GTIGSGPKGR	438	>BRIP1-T650 GIIGSGPKGR	7477	7039
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>BRIP1-T650 IIKNSQVWVC	4800	>BRIP1-T650 IIKNSQVWVC	343	4457
>BRIP1-T650 WVTIGSGPI	254	>BRIP1-T650 WVGIIIGSGPK	293	39
>BRIP1-T650 VWVTIGSGI	453	>BRIP1-T650 VWVGIIGSGF	332	121
>BRIP1-T650 VWVTIGS	417	>BRIP1-T650 VWVGIIGS	352	65
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>BRIP1-T650 VWVTIGSGI	240	>BRIP1-T650 VWVGIIGSGF	262	22
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>BRIP1-T650 SQVWVGTI	30	>BRIP1-T650 SQVWVGII	51	21
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>BRIP1-T650 KNSQVWVGT	35101	>BRIP1-T650 KNSQVWVGI	373	34728
>BRIP1-T650 IKNSQVWVG	1935	>BRIP1-T650 IKNSQVWVG	76	1859
>BRIP1-T650 IKNSQVWVG	85	>BRIP1-T650 IKNSQVWVG	98	13
>BUB1B-R93 RTVQILEGQK	190	>BUB1B-R93 WTVQILEGQI	1065	875
>BUB1B-R93 RTVQILEGQ	600	>BUB1B-R93 WTVQILEGQ	354	246
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>BUB1B-R93 RTVQILEGQK	5102	>BUB1B-R93 WTVQILEGQI	356	4746
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>BUB1B-R93 RTVQILEGQK	384	>BUB1B-R93 WTVQILEGQI	5776	5392
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>BUB1B-R93 RTVQILEGQK	17	>BUB1B-R93 WTVQILEGQI	102	85
>BUB1B-R93 FRTVQILEGQ	45	>BUB1B-R93 FWTVQILEGC	12566	12521
>BUB1B-R93 QLDVFTLSGF	310	>BUB1B-R93 QLDVFTLSGF	34337	34027
>BUB1B-R93 QLDVFTLSGF	252	>BUB1B-R93 QLDVFTLSGF	22033	21781
>BUB1B-R93 SGFRTVQIL	497	>BUB1B-R93 SGFRTVQIL	2478	1981

>BUB1B-R93 SGFRTVQIL	534	>BUB1B-R93 SGFWTVQIL	496	38
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>BUB1B-R93 LSGFRTVQI	323	>BUB1B-R93 LSGFWTVQI	172	151
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>BUB1B-R93 LSGFRTVQIL	364	>BUB1B-R93 LSGFWTVQIL	326	38
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>BUB1B-R93 TLSGFRTVQI	574	>BUB1B-R93 TLSGFWTVQI	198	376
>BUB1B-R93 TLSGFRTVQIL	1259	>BUB1B-R93 TLSGFWTVQI	289	970
>BUB1B-R93 TLSGFRTV	27	>BUB1B-R93 TLSGFWTV	5	22
>BUB1B-R93 TLSGFRTVQI	62	>BUB1B-R93 TLSGFWTVQI	43	19
>BUB1B-R93 TLSGFRTVQIL	21	>BUB1B-R93 TLSGFWTVQI	14	7
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>BUB1B-R93 TLSGFRTVQI	47	>BUB1B-R93 TLSGFWTVQI	50	3
>BUB1B-R93 TLSGFRTVQIL	98	>BUB1B-R93 TLSGFWTVQI	50	48
>BUB1B-R93 TLSGFRTV	357	>BUB1B-R93 TLSGFWTV	17	340
>BUB1B-R93 TLSGFRTVQI	1028	>BUB1B-R93 TLSGFWTVQI	441	587
>BUB1B-R93 TLSGFRTV	11	>BUB1B-R93 TLSGFWTV	2	9
>BUB1B-R93 TLSGFRTVQI	160	>BUB1B-R93 TLSGFWTVQI	17	143
>BUB1B-R93 TLSGFRTVQIL	334	>BUB1B-R93 TLSGFWTVQI	64	270
>BUB1B-R93 TLSGFRTV	114	>BUB1B-R93 TLSGFWTV	12	102
>BUB1B-R93 TLSGFRTVQI	1965	>BUB1B-R93 TLSGFWTVQI	486	1479
>BUB1B-R93 TLSGFRTV	28	>BUB1B-R93 TLSGFWTV	5	23
>BUB1B-R93 TLSGFRTVQI	453	>BUB1B-R93 TLSGFWTVQI	45	408
>BUB1B-R93 TLSGFRTVQIL	404	>BUB1B-R93 TLSGFWTVQI	62	342
>BUB1B-R93 TLSGFRTV	49	>BUB1B-R93 TLSGFWTV	4	45
>BUB1B-R93 TLSGFRTVQI	433	>BUB1B-R93 TLSGFWTVQI	40	393
>BUB1B-R93 TLSGFRTVQIL	616	>BUB1B-R93 TLSGFWTVQI	130	486
>BUB1B-R93 TLSGFRTV	2	>BUB1B-R93 TLSGFWTV	2	0
>BUB1B-R93 TLSGFRTVQ	281	>BUB1B-R93 TLSGFWTVQ	332	51
>BUB1B-R93 TLSGFRTVQI	9	>BUB1B-R93 TLSGFWTVQI	7	2
>BUB1B-R93 TLSGFRTVQIL	5	>BUB1B-R93 TLSGFWTVQI	5	0
>BUB1B-R93 TLSGFRTVQI	97	>BUB1B-R93 TLSGFWTVQI	171	74
>BUB1B-R93 TLSGFRTV	269	>BUB1B-R93 TLSGFWTV	53	216
>BUB1B-R93 TLSGFRTV	1206	>BUB1B-R93 TLSGFWTV	97	1109
>BUB1B-R93 TLSGFRTVQI	1619	>BUB1B-R93 TLSGFWTVQI	437	1182
>BUB1B-R93 TLSGFRTVQIL	453	>BUB1B-R93 TLSGFWTVQI	309	144
>BUB1B-R93 FTLSGFRT	1623	>BUB1B-R93 FTLSGFWT	287	1336
>BUB1B-R93 FTLSGFRTV	69	>BUB1B-R93 FTLSGFWTV	7	62
>BUB1B-R93 FTLSGFRTVQ	177	>BUB1B-R93 FTLSGFWTVQ	27	150
>BUB1B-R93 FTLSGFRTV	438	>BUB1B-R93 FTLSGFWTV	13	425

>BUB1B-R93 FTLSGFRTVQ	325	>BUB1B-R93 FTLSGFWTV	76	249
>BUB1B-R93 FTLSGFRTV	63	>BUB1B-R93 FTLSGFWTV	24	39
>BUB1B-R93 FTLSGFRTVQ	343	>BUB1B-R93 FTLSGFWTV	220	123
>BUB1B-R93 FTLSGFRT	116	>BUB1B-R93 FTLSGFWT	22	94
>BUB1B-R93 FTLSGFRTV	4	>BUB1B-R93 FTLSGFWTV	2	2
>BUB1B-R93 FTLSGFRTVQ	21	>BUB1B-R93 FTLSGFWTV	10	11
>BUB1B-R93 FTLSGFRT	634	>BUB1B-R93 FTLSGFWT	252	382
>BUB1B-R93 FTLSGFRTV	5	>BUB1B-R93 FTLSGFWTV	1	4
>BUB1B-R93 FTLSGFRTVQ	40	>BUB1B-R93 FTLSGFWTV	7	33
>BUB1B-R93 FTLSGFRTV	61	>BUB1B-R93 FTLSGFWTV	3	58
>BUB1B-R93 FTLSGFRTVQ	984	>BUB1B-R93 FTLSGFWTV	84	900
>BUB1B-R93 FTLSGFRTV	25	>BUB1B-R93 FTLSGFWTV	4	21
>BUB1B-R93 FTLSGFRTVQ	294	>BUB1B-R93 FTLSGFWTV	26	268
>BUB1B-R93 FTLSGFRTV	415	>BUB1B-R93 FTLSGFWTV	3	412
>BUB1B-R93 FTLSGFRTVQ	999	>BUB1B-R93 FTLSGFWTV	54	945
>BUB1B-R93 FTLSGFRTV	16	>BUB1B-R93 FTLSGFWTV	2	14
>BUB1B-R93 FTLSGFRTVQ	737	>BUB1B-R93 FTLSGFWTV	57	680
>BUB1B-R93 FTLSGFRTVQ	2471	>BUB1B-R93 FTLSGFWTV	244	2227
>BUB1B-R93 FTLSGFRTV	7660	>BUB1B-R93 FTLSGFWTV	405	7255
>BUB1B-R93 FTLSGFRTVQ	324	>BUB1B-R93 FTLSGFWTV	80	244
>BUB1B-R93 FTLSGFRTVQ	211	>BUB1B-R93 FTLSGFWTV	128	83
>BUB1B-R93 FTLSGFRTV	85	>BUB1B-R93 FTLSGFWTV	9	76
>BUB1B-R93 FTLSGFRTVQ	117	>BUB1B-R93 FTLSGFWTV	25	92
>BUB1B-R93 FTLSGFRT	315	>BUB1B-R93 FTLSGFWT	142	173
>BUB1B-R93 FTLSGFRTV	13	>BUB1B-R93 FTLSGFWTV	3	10
>BUB1B-R93 FTLSGFRTVQ	16	>BUB1B-R93 FTLSGFWTV	5	11
>BUB1B-R93 FTLSGFRTV	586	>BUB1B-R93 FTLSGFWTV	474	112
>BUB1B-R93 FTLSGFRTV	500	>BUB1B-R93 FTLSGFWTV	474	26
>BUB1B-R93 FTLSGFRTVQ	58	>BUB1B-R93 FTLSGFWTV	62	4
>BUB1B-R93 FTLSGFRTVQ	2832	>BUB1B-R93 FTLSGFWTV	356	2476
>BUB1B-R93 FTLSGFRTV	955	>BUB1B-R93 FTLSGFWTV	282	673
>BUB1B-R93 FTLSGFRTV	35	>BUB1B-R93 FTLSGFWTV	118	83
>BUB1B-R93 FTLSGFRTVQ	119	>BUB1B-R93 FTLSGFWTV	132	13
>BUB1B-R93 FTLSGFRTV	494	>BUB1B-R93 FTLSGFWTV	655	161
>BUB1B-R93 FTLSGFRTVQ	14	>BUB1B-R93 FTLSGFWTV	13	1
>BUB1B-R93 VFTLSGFRTV	6491	>BUB1B-R93 VFTLSGFWTV	448	6043
>BUB1B-R93 VFTLSGFRTV	2199	>BUB1B-R93 VFTLSGFWTV	89	2110
>BUB1B-R93 VFTLSGFR	47	>BUB1B-R93 VFTLSGFW	17226	17179
>BUB1B-R93 VFTLSGFR	54	>BUB1B-R93 VFTLSGFW	26147	26093
>BUB1B-R93 VFTLSGFR	332	>BUB1B-R93 VFTLSGFW	34357	34025
>BUB1B-R93 VFTLSGFR	210	>BUB1B-R93 VFTLSGFW	30178	29968
>BUB1B-R93 VFTLSGFRTV	4075	>BUB1B-R93 VFTLSGFWTV	369	3706
>BUB1B-R93 DVFTLSGFRT	2447	>BUB1B-R93 DVFTLSGFW	120	2327



>BUB1B-R93 DVFTLSGFRT	1631	>BUB1B-R93 DVFTLSGFWT	123	1508
>BUB1B-R93 DVFTLSGFRT	2083	>BUB1B-R93 DVFTLSGFWT	120	1963
>BUB1B-R93 DVFTLSGFRT	2797	>BUB1B-R93 DVFTLSGFWT	124	2673
>BUB1B-R93 DVFTLSGFR	216	>BUB1B-R93 DVFTLSGFW	20885	20669
>BUB1B-R93 DVFTLSGFR	9	>BUB1B-R93 DVFTLSGFW	7400	7391
>BUB1B-R93 DVFTLSGFR	2	>BUB1B-R93 DVFTLSGFW	1601	1599
>BUB1B-R93 DVFTLSGFRT	14	>BUB1B-R93 DVFTLSGFWT	6	8
>BUB1B-R93 DVFTLSGFRT	37	>BUB1B-R93 DVFTLSGFWT	8	29
>BUB1B-R93 DVFTLSGFR	157	>BUB1B-R93 DVFTLSGFW	29698	29541
>BUB1B-R93 LDVFTLSGFR	21129	>BUB1B-R93 LDVFTLSGFW	179	20950
>C15orf55-P: RPPAPEAPKE	206	>C15orf55-P: RSPAPEAPKE	24601	24395
>C15orf55-P: RPPAPEAPK	14827	>C15orf55-P: RSPAPEAPK	440	14387
>C15orf55-P: RPPAPEAPK	14039	>C15orf55-P: RSPAPEAPK	92	13947
>C15orf55-P: RPPAPEAPK	14187	>C15orf55-P: RSPAPEAPK	69	14118
>C15orf55-P: RPPAPEAPKE	17949	>C15orf55-P: RSPAPEAPKE	455	17494
>C15orf55-P: RPPAPEAPKE	380	>C15orf55-P: RSPAPEAPKE	22237	21857
>C15orf55-P: RPPAPEAPKE	22501	>C15orf55-P: RSPAPEAPKE	248	22253
>C15orf55-P: RPPAPEAPKE	3086	>C15orf55-P: RSPAPEAPKE	38	3048
>C15orf55-P: RPPAPEAPKE	1647	>C15orf55-P: RSPAPEAPKE	39	1608
>C15orf55-P: AQRPPAPEA	461	>C15orf55-P: AQRSPAPEA	1265	804
>C15orf55-P: AQRPPAPEAF	529	>C15orf55-P: AQRSPAPEAF	457	72
>C15orf55-P: AQRPPAPEA	46	>C15orf55-P: AQRSPAPEA	88	42
>C15orf55-P: AQRPPAPEAF	6	>C15orf55-P: AQRSPAPEAF	7	1
>C15orf55-P: AQRPPAPEA	181	>C15orf55-P: AQRSPAPEA	87	94
>C15orf55-P: AQRPPAPEAF	487	>C15orf55-P: AQRSPAPEAF	245	242
>C15orf55-P: AQRPPAPEAF	136	>C15orf55-P: AQRSPAPEAF	86	50
>C15orf55-P: KAQRPPAPEA	293	>C15orf55-P: KAQRSPAPEA	125	168
>C15orf55-P: RKAQRPPA	316	>C15orf55-P: RKAQRSPA	161	155
>C15orf55-P: RKAQRPPAPE	341	>C15orf55-P: RKAQRSPAPE	273	68
>C15orf55-P: RKAQRPPA	284	>C15orf55-P: RKAQRSPA	584	300
>C15orf55-P: QRKAQRPPA	268	>C15orf55-P: QRKAQRSPA	1320	1052
>C15orf55-P: RQRKAQRP	454	>C15orf55-P: RQRKAQRS	145	309
>C15orf55-P: RQRKAQRPP	40	>C15orf55-P: RQRKAQRSP	75	35
>C15orf55-P: RQRKAQRPP,	4	>C15orf55-P: RQRKAQRSP,	5	1
>C15orf55-P: RQRKAQRPP,	51	>C15orf55-P: RQRKAQRSP,	41	10
>C15orf55-P: RQRKAQRPP,	109	>C15orf55-P: RQRKAQRSP,	89	20
>C15orf55-P: RQRKAQRPP	269	>C15orf55-P: RQRKAQRSP	280	11
>C15orf55-P: RQRKAQRPP,	53	>C15orf55-P: RQRKAQRSP,	29	24
>C15orf55-P: RQRKAQRPP,	188	>C15orf55-P: RQRKAQRSP,	168	20
>C15orf55-P: RRQRKAQRP	827	>C15orf55-P: RRQRKAQRS	354	473
>C15orf55-P: RRQRKAQRP	141	>C15orf55-P: RRQRKAQRSI	121	20
>C15orf55-P: RRQRKAQRP	239	>C15orf55-P: RRQRKAQRS	145	94
>C15orf55-P: RRQRKAQRP	98	>C15orf55-P: RRQRKAQRSI	97	1

>C15orf55-P: RRQRKAQRP	93	>C15orf55-P: RRQRKAQRSI	95	2
>C15orf55-P: RRQRKAQRP	522	>C15orf55-P: RRQRKAQRSI	477	45
>C15orf55-P: RRQRKAQRP	348	>C15orf55-P: RRQRKAQRSI	291	57
>C15orf55-P: RRRQRKAQR	307	>C15orf55-P: RRRQRKAQR	111	196
>C15orf55-P: RRRQRKAQR	97	>C15orf55-P: RRRQRKAQR	45	52
>C15orf55-P: RRRQRKAQR	236	>C15orf55-P: RRRQRKAQR	302	66
>C15orf55-P: RRRQRKAQR	181	>C15orf55-P: RRRQRKAQR	46	135
>C15orf55-P: PGVWLSSEM	1290	>C15orf55-P: TGVWLSSEM	114	1176
>C15orf55-P: PGVWLSSEM	2238	>C15orf55-P: TGVWLSSEM	56	2182
>C15orf55-P: SPGVWLSSEM	13849	>C15orf55-P: STGVWLSSEM	200	13649
>C15orf55-P: SPGVWLSSEM	5498	>C15orf55-P: STGVWLSSEM	350	5148
>C15orf55-P: SPGVWLSSEM	188	>C15orf55-P: STGVWLSSEM	22399	22211
>C15orf55-P: SPGVWLSSEM	12441	>C15orf55-P: STGVWLSSEM	79	12362
>C15orf55-P: SPGVWLSSEM	1864	>C15orf55-P: STGVWLSSEM	20	1844
>C15orf55-P: LSPGVWLSSE	338	>C15orf55-P: LSTGVWLSSE	19	319
>C15orf55-P: LSPGVWLSSE	1135	>C15orf55-P: LSTGVWLSSE	227	908
>C15orf55-P: LSPGVWLSSE	7234	>C15orf55-P: LSTGVWLSSE	95	7139
>C15orf55-P: LSPGVWLSSE	7	>C15orf55-P: LSTGVWLSSE	329	322
>C15orf55-P: LSPGVWLSSE	82	>C15orf55-P: LSTGVWLSSE	9	73
>C15orf55-P: CLSPGVWL	234	>C15orf55-P: CLSTGVWL	274	40
>C15orf55-P: CLSPGVWL	24	>C15orf55-P: CLSTGVWL	28	4
>C15orf55-P: CLSPGVWLS	217	>C15orf55-P: CLSTGVWLS	539	322
>C15orf55-P: CLSPGVWL	75	>C15orf55-P: CLSTGVWL	100	25
>C15orf55-P: CLSPGVWL	467	>C15orf55-P: CLSTGVWL	1162	695
>C15orf55-P: CLSPGVWL	66	>C15orf55-P: CLSTGVWL	169	103
>C15orf55-P: CLSPGVWL	289	>C15orf55-P: CLSTGVWL	405	116
>C15orf55-P: CLSPGVWL	147	>C15orf55-P: CLSTGVWL	250	103
>C15orf55-P: CLSPGVWL	100	>C15orf55-P: CLSTGVWL	155	55
>C15orf55-P: CLSPGVWL	6	>C15orf55-P: CLSTGVWL	10	4
>C15orf55-P: CLSPGVWLS	61	>C15orf55-P: CLSTGVWLS	591	530
>C15orf55-P: VCLSPGVWL	219	>C15orf55-P: VCLSTGVWL	244	25
>C15orf55-P: DVCLSPGVW	448	>C15orf55-P: DVCLSTGVW	407	41
>C15orf55-P: DVCLSPGV	615	>C15orf55-P: DVCLSTGV	85	530
>C15orf55-P: DVCLSPGV	208	>C15orf55-P: DVCLSTGV	361	153
>C15orf55-P: DDVCLSPGV	436	>C15orf55-P: DDVCLSTGV	2309	1873
>C15orf55-P: GERDDVCLSF	360	>C15orf55-P: GERDDVCLST	299	61
>CARD11-A4: DFGDASPR	42	>CARD11-A4: DFGDDSPR	49	7
>CARD11-A4: DFGDASPR	222	>CARD11-A4: DFGDDSPR	344	122
>CARD11-A4: ISQDFGDASP	392	>CARD11-A4: ISQDFGDDSP	920	528
>CARD11-A4: ISQDFGDASP	154	>CARD11-A4: ISQDFGDDSP	221	67
>CARD11-A4: ISQDFGDASP	138	>CARD11-A4: ISQDFGDDSP	189	51
>CARD11-C7: CIRGERQSV	35	>CARD11-C7: GIRGERQSV	10	25
>CARD11-C7: CIRGERQSV	2360	>CARD11-C7: GIRGERQSV	393	1967

>CARD11-C7: CIRGERQSV	284	>CARD11-C7: GIRGERQSV	243	41
>CARD11-C7: CIRGERQSV	123	>CARD11-C7: GIRGERQSV	112	11
>CARD11-C7: CIRGERQSV	709	>CARD11-C7: GIRGERQSV	356	353
>CARD11-C7: EGCIRGER	416	>CARD11-C7: EGGIRGER	1319	903
>CARD11-C7: LLEGIRGER	168	>CARD11-C7: LLEGGIRGER	87	81
>CARD11-C7: LLEGIRGER	78	>CARD11-C7: LLEGGIRGER	311	233
>CARD11-C7: LLEGCIRG	383	>CARD11-C7: LLEGGIRG	85	298
>CARD11-C7: LLEGCIRG	372	>CARD11-C7: LLEGGIRG	444	72
>CARD11-C7: LLEGCIRGER	276	>CARD11-C7: LLEGGIRGEF	285	9
>CARD11-C7: LLEGCIRGER	203	>CARD11-C7: LLEGGIRGEF	389	186
>CARD11-C7: LLLLEGCI	116	>CARD11-C7: LLLLEGGI	37	79
>CARD11-C7: LLLLEGCI	172	>CARD11-C7: LLLLEGGI	137	35
>CARD11-C7: LLLLEGCI	81	>CARD11-C7: LLLLEGGI	149	68
>CARD11-C7: LLLLEGCI	356	>CARD11-C7: LLLLEGGI	488	132
>CARD11-C7: LLLLEGCI	178	>CARD11-C7: LLLLEGGI	93	85
>CARD11-C7: LLLLEGCI	445	>CARD11-C7: LLLLEGGI	1620	1175
>CARD11-C7: QLLLLEGCI	191	>CARD11-C7: QLLLLEGGI	1048	857
>CARD11-C7: QLLLLEGCI	220	>CARD11-C7: QLLLLEGGI	466	246
>CARD11-C7: HQLLLEGGI	85	>CARD11-C7: HQLLLEGGI	128	43
>CARD11-C7: HQLLLEGGI	252	>CARD11-C7: HQLLLEGGI	2049	1797
>CARD11-C7: HQLLLEGGI	139	>CARD11-C7: HQLLLEGGI	290	151
>CARD11-C7: HQLLLEGGI	341	>CARD11-C7: HQLLLEGGI	668	327
>CARD11-C7: HQLLLEGGI	71	>CARD11-C7: HQLLLEGGI	185	114
>CARD11-N1 YNDELVKV	17544	>CARD11-N1 YSDELVKV	364	17180
>CARD11-N1 YNDELVKV	4603	>CARD11-N1 YSDELVKV	200	4403
>CARD11-N1 YNDELVKV	1766	>CARD11-N1 YSDELVKV	100	1666
>CARD11-N1 YNDELVKV	193	>CARD11-N1 YSDELVKV	34	159
>CARD11-N1 YNDELVKV	542	>CARD11-N1 YSDELVKV	113	429
>CARD11-N1 YNDELVKV	1171	>CARD11-N1 YSDELVKV	57	1114
>CARD11-N1 SYNDELVKV	704	>CARD11-N1 SYSDELVKV	353	351
>CARD11-N1 SYNDELVKV	47	>CARD11-N1 SYSDELVKV	33	14
>CARD11-N1 SYNDELVK	454	>CARD11-N1 SYSDELVK	536	82
>CARD11-N1 SYNDELVKV	766	>CARD11-N1 SYSDELVKV	198	568
>CARD11-N1 SYNDELVKVK	578	>CARD11-N1 SYSDELVKVK	464	114
>CARD11-N1 SYNDELVKV	94	>CARD11-N1 SYSDELVKV	95	1
>CARD11-N1 DSYNDELVK	124	>CARD11-N1 DSYSDELVK	83	41
>CARD11-N1 DSYNDELVKV	144	>CARD11-N1 DSYSDELVKV	101	43
>CARD11-N1 DSYNDELV	278	>CARD11-N1 DSYSDELV	225	53
>CARD11-N1 DSYNDELVKV	380	>CARD11-N1 DSYSDELVKV	351	29
>CARD11-N1 DSYNDELVKV	685	>CARD11-N1 DSYSDELVKV	480	205
>CARD11-N1 RDSYNDELV	142	>CARD11-N1 RDSYSDELV	103	39
>CARD11-N1 RDSYNDELVK	443	>CARD11-N1 RDSYSDELVK	342	101
>CARD11-N1 ERDSYNDEL	145	>CARD11-N1 ERDSYSDEL	98	47

>CARD11-N1 EERDSYNDEL	1099	>CARD11-N1 EERDSYSDEL	482	617
>CARD11-N1 EERDSYNDEL	481	>CARD11-N1 EERDSYSDEL\	443	38
>CARD11-N1 EERDSYNDEL	489	>CARD11-N1 EERDSYSDEL	365	124
>CARD11-N1 EERDSYNDEL	243	>CARD11-N1 EERDSYSDEL\	187	56
>CARD11-N1 EERDSYNDEL	366	>CARD11-N1 EERDSYSDEL\	286	80
>CARD11-N1 KEERDSYNDE	884	>CARD11-N1 KEERDSYSDE	327	557
>CARD11-N1 KEERDSYNDE	19	>CARD11-N1 KEERDSYSDE	20	1
>CARD11-N1 KEERDSYNDE	316	>CARD11-N1 KEERDSYSDE	281	35
>CARD11-N1 KEERDSYNDE	430	>CARD11-N1 KEERDSYSDE	272	158
>CARS-G626\ LGVRFEDHEC	1057	>CARS-G626\ LVVRFEDHEC	328	729
>CARS-G626\ LGVRFEDHEC	29845	>CARS-G626\ LVVRFEDHEC	458	29387
>CARS-G626\ ALRDNILPELC	21049	>CARS-G626\ ALRDNILPELV	128	20921
>CARS-G626\ ALRDNILPELC	3653	>CARS-G626\ ALRDNILPELV	37	3616
>CARS-G626\ ALRDNILPELC	4979	>CARS-G626\ ALRDNILPELV	6	4973
>CARS-G626\ ALRDNILPELC	21965	>CARS-G626\ ALRDNILPELV	233	21732
>CARS-G626\ ALRDNILPELC	4299	>CARS-G626\ ALRDNILPELV	4	4295
>CARS-G626\ ALRDNILPELC	17791	>CARS-G626\ ALRDNILPELV	23	17768
>CARS-G626\ ALRDNILPELC	15786	>CARS-G626\ ALRDNILPELV	19	15767
>CARS-G626\ ALRDNILPELC	23720	>CARS-G626\ ALRDNILPELV	72	23648
>CARS-G626\ ALRDNILPELC	1898	>CARS-G626\ ALRDNILPELV	2	1896
>CARS-G626\ ALRDNILPELC	1389	>CARS-G626\ ALRDNILPELV	284	1105
>CARS-G626\ LPELVVRF	55	>CARS-G626\ LPELVVRF	52	3
>CARS-G626\ LPELVVRF	94	>CARS-G626\ LPELVVRF	65	29
>CARS-G626\ LPELVVRF	1707	>CARS-G626\ LPELVVRF	403	1304
>CARS-G626\ LPELVVRF	38	>CARS-G626\ LPELVVRF	21	17
>CARS-G626\ ILPELVVRF	423	>CARS-G626\ ILPELVVRF	89	334
>CARS-G626\ ILPELVVRF	729	>CARS-G626\ ILPELVVRF	164	565
>CARS-G626\ ILPELVVRF	187	>CARS-G626\ ILPELVVRF	61	126
>CARS-G626\ ILPELVVR	764	>CARS-G626\ ILPELVVR	178	586
>CARS-G626\ NILPELVV	413	>CARS-G626\ NILPELVV	928	515
>CARS-G626\ NILPELVV	42	>CARS-G626\ NILPELVV	94	52
>CARS-G626\ NILPELVV	45	>CARS-G626\ NILPELVV	84	39
>CARS-G626\ NILPELVV	232	>CARS-G626\ NILPELVV	257	25
>CARS-G626\ NILPELVV	106	>CARS-G626\ NILPELVV	146	40
>CARS-G626\ NILPELVV	101	>CARS-G626\ NILPELVV	155	54
>CARS-G626\ NILPELVV	40	>CARS-G626\ NILPELVV	55	15
>CARS-G626\ NILPELVVR	856	>CARS-G626\ NILPELVVR	362	494
>CARS-G626\ NILPELVV	25	>CARS-G626\ NILPELVV	140	115
>CARS-G626\ NILPELVVR	461	>CARS-G626\ NILPELVVR	132	329
>CARS-G626\ RDNILPELV	18046	>CARS-G626\ RDNILPELV	424	17622
>CARS-G626\ RDNILPELV	19558	>CARS-G626\ RDNILPELV	58	19500
>CARS-G626\ RDNILPELVV	192	>CARS-G626\ RDNILPELVV	118	74
>CARS-V268I VYFDTAKF	26	>CARS-V268I LYFDTAKF	32	6

>CARS-V268I VYFDTAKF	266	>CARS-V268I LYFDTAKF	329	63
>CARS-V268I VYFDTAKF	9	>CARS-V268I LYFDTAKF	6	3
>CARS-V268I VYFDTAKF	498	>CARS-V268I LYFDTAKF	348	150
>CARS-V268I VYFDTAKFA	1161	>CARS-V268I LYFDTAKFA	460	701
>CARS-V268I VYFDTAKF	177	>CARS-V268I LYFDTAKF	108	69
>CARS-V268I VYFDTAKFA	84	>CARS-V268I LYFDTAKFA	68	16
>CARS-V268I SVYFDTAKFA	1181	>CARS-V268I SLYFDTAKFA	95	1086
>CARS-V268I SVYFDTAKF	5028	>CARS-V268I SLYFDTAKF	407	4621
>CARS-V268I SVYFDTAKFA	831	>CARS-V268I SLYFDTAKFA	118	713
>CARS-V268I SVYFDTAKF	11692	>CARS-V268I SLYFDTAKF	366	11326
>CARS-V268I SVYFDTAKFA	847	>CARS-V268I SLYFDTAKFA	11	836
>CARS-V268I SVYFDTAKFA	8557	>CARS-V268I SLYFDTAKFA	209	8348
>CARS-V268I SVYFDTAKFA	4681	>CARS-V268I SLYFDTAKFA	72	4609
>CARS-V268I SVYFDTAKFA	1110	>CARS-V268I SLYFDTAKFA	17	1093
>CARS-V268I SVYFDTAKFA	9511	>CARS-V268I SLYFDTAKFA	422	9089
>CARS-V268I SVYFDTAKFA	2343	>CARS-V268I SLYFDTAKFA	16	2327
>CARS-V268I SVYFDTAK	57	>CARS-V268I SLYFDTAK	35	22
>CARS-V268I SVYFDTAK	11	>CARS-V268I SLYFDTAK	23	12
>CARS-V268I SVYFDTAKF	20	>CARS-V268I SLYFDTAKF	1060	1040
>CARS-V268I SVYFDTAKF	316	>CARS-V268I SLYFDTAKF	364	48
>CARS-V268I SVYFDTAK	300	>CARS-V268I SLYFDTAK	2492	2192
>CARS-V268I SVYFDTAKF	34	>CARS-V268I SLYFDTAKF	32	2
>CARS-V268I SVYFDTAK	14	>CARS-V268I SLYFDTAK	104	90
>CARS-V268I SVYFDTAKFA	137	>CARS-V268I SLYFDTAKFA	908	771
>CARS-V268I SVYFDTAKF	372	>CARS-V268I SLYFDTAKF	125	247
>CARS-V268I SVYFDTAKF	669	>CARS-V268I SLYFDTAKF	91	578
>CARS-V268I SVYFDTAKF	562	>CARS-V268I SLYFDTAKF	88	474
>CARS-V268I SVYFDTAKF	48	>CARS-V268I SLYFDTAKF	288	240
>CARS-V268I SVYFDTAKF	408	>CARS-V268I SLYFDTAKF	1984	1576
>CARS-V268I SVYFDTAKF	154	>CARS-V268I SLYFDTAKF	986	832
>CARS-V268I SVYFDTAK	376	>CARS-V268I SLYFDTAK	2445	2069
>CARS-V268I GSVYFDTAK	106	>CARS-V268I GSLYFDTAK	41	65
>CARS-V268I GSVYFDTAKF	410	>CARS-V268I GSLYFDTAKF	116	294
>CARS-V268I GSVYFDTAK	183	>CARS-V268I GSLYFDTAK	842	659
>CARS-V268I GSVYFDTAKF	175	>CARS-V268I GSLYFDTAKF	115	60
>CARS-V268I GSVYFDTAKF	7	>CARS-V268I GSLYFDTAKF	8	1
>CARS-V268I GSVYFDTAKF	36	>CARS-V268I GSLYFDTAKF	37	1
>CARS-V268I GSVYFDTAK	270	>CARS-V268I GSLYFDTAK	154	116
>CARS-V268I VSNGSVYF	152	>CARS-V268I VSNGSLYF	162	10
>CARS-V268I VSNGSVYF	45	>CARS-V268I VSNGSLYF	87	42
>CARS-V268I VSNGSVYF	4	>CARS-V268I VSNGSLYF	4	0
>CARS-V268I VSNGSVYF	221	>CARS-V268I VSNGSLYF	213	8
>CARS-V268I VSNGSVYF	16	>CARS-V268I VSNGSLYF	14	2

>CARS-V268I YVSNNGSVY	595	>CARS-V268I YVSNNGSLY	106	489
>CARS-V268I YVSNNGSVYF	66	>CARS-V268I YVSNNGSLYF	87	21
>CARS-V268I YVSNNGSVYFD	437	>CARS-V268I YVSNNGSLYFD	572	135
>CARS-V268I YVSNNGSVYF	79	>CARS-V268I YVSNNGSLYF	101	22
>CARS-V268I YVSNNGSVY	316	>CARS-V268I YVSNNGSLY	528	212
>CARS-V268I YVSNNGSVY	115	>CARS-V268I YVSNNGSLY	58	57
>CARS-V268I YVSNNGSVYF	303	>CARS-V268I YVSNNGSLYF	133	170
>CARS-V268I YVSNNGSVY	169	>CARS-V268I YVSNNGSLY	442	273
>CARS-V268I YVSNNGSVY	18	>CARS-V268I YVSNNGSLY	7	11
>CARS-V268I YVSNNGSVYF	68	>CARS-V268I YVSNNGSLYF	13	55
>CARS-V268I YVSNNGSVY	61	>CARS-V268I YVSNNGSLY	62	1
>CARS-V268I YVSNNGSVY	472	>CARS-V268I YVSNNGSLY	201	271
>CARS-V268I YVSNNGSVY	97	>CARS-V268I YVSNNGSLY	12	85
>CARS-V268I YVSNNGSVYF	10267	>CARS-V268I YVSNNGSLYF	452	9815
>CARS-V268I YVSNNGSVY	42	>CARS-V268I YVSNNGSLY	77	35
>CARS-V268I YVSNNGSVYF	45	>CARS-V268I YVSNNGSLYF	32	13
>CARS-V268I YVSNNGSVY	29	>CARS-V268I YVSNNGSLY	42	13
>CARS-V268I YVSNNGSVYF	121	>CARS-V268I YVSNNGSLYF	105	16
>CARS-V268I YVSNNGSVY	137	>CARS-V268I YVSNNGSLY	462	325
>CARS-V268I YVSNNGSVYF	33	>CARS-V268I YVSNNGSLYF	56	23
>CARS-V268I YVSNNGSVY	61	>CARS-V268I YVSNNGSLY	71	10
>CARS-V268I YVSNNGSVYF	33	>CARS-V268I YVSNNGSLYF	15	18
>CARS-V268I YVSNNGSVY	22	>CARS-V268I YVSNNGSLY	45	23
>CARS-V268I YVSNNGSVYF	70	>CARS-V268I YVSNNGSLYF	63	7
>CARS-V268I YVSNNGSVYF	959	>CARS-V268I YVSNNGSLYF	119	840
>CARS-V268I YVSNNGSVY	206	>CARS-V268I YVSNNGSLY	208	2
>CARS-V268I YVSNNGSVYF	33	>CARS-V268I YVSNNGSLYF	20	13
>CARS-V268I YVSNNGSVY	74	>CARS-V268I YVSNNGSLY	564	490
>CARS-V268I YVSNNGSVY	995	>CARS-V268I YVSNNGSLY	289	706
>CARS-V268I GYVSNNGSV	67	>CARS-V268I GYVSNNGSL	18	49
>CARS-V268I GYVSNNGSVYF	53	>CARS-V268I GYVSNNGSLYF	35	18
>CARS-V268I GYVSNNGSVYF	91	>CARS-V268I GYVSNNGSLYF	66	25
>CARS-V268I GYVSNNGSV	1295	>CARS-V268I GYVSNNGSL	54	1241
>CARS-V268I GYVSNNGSVYF	7	>CARS-V268I GYVSNNGSLYF	7	0
>CARS-V268I GYVSNNGSVY	53	>CARS-V268I GYVSNNGSLY	14	39
>CARS-V268I GYVSNNGSVYF	61	>CARS-V268I GYVSNNGSLYF	35	26
>CARS-V268I GYVSNNGSVY	74	>CARS-V268I GYVSNNGSLY	85	11
>CARS-V268I GYVSNNGSVY	353	>CARS-V268I GYVSNNGSLY	620	267
>CARS-V268I GYVSNNGSVYF	353	>CARS-V268I GYVSNNGSLYF	631	278
>CARS-V268I GYVSNNGSVY	39	>CARS-V268I GYVSNNGSLY	28	11
>CARS-V268I GYVSNNGSVY	410	>CARS-V268I GYVSNNGSLY	177	233
>CARS-V268I YGYVSNNGSVY	181	>CARS-V268I YGYVSNNGSLY	113	68
>CARS-V268I YGYVSNNGSVY	2300	>CARS-V268I YGYVSNNGSLY	437	1863

>CARS-V268I YGYVSN <del>GSV</del>	187	>CARS-V268I YGYVSN <del>GS</del> LY	65	122
>CARS-V268I YGYVSN <del>GSV</del>	56	>CARS-V268I YGYVSN <del>GS</del> LY	156	100
>CARS-V268I YGYVSN <del>GSV</del>	92	>CARS-V268I YGYVSN <del>GS</del> LY	71	21
>CARS-V268I YGYVSN <del>GS</del> V	777	>CARS-V268I YGYVSN <del>GS</del> L	444	333
>CARS-V268I YGYVSN <del>GSV</del>	16	>CARS-V268I YGYVSN <del>GS</del> LY	24	8
>CARS-V268I YGYVSN <del>GSV</del>	71	>CARS-V268I YGYVSN <del>GS</del> LY	60	11
>CARS-V268I YGYVSN <del>GSV</del>	40	>CARS-V268I YGYVSN <del>GS</del> LY	93	53
>CARS-V268I YGYVSN <del>GSV</del>	21	>CARS-V268I YGYVSN <del>GS</del> LY	28	7
>CARS-V268I YGYVSN <del>GS</del> V	4280	>CARS-V268I YGYVSN <del>GS</del> L	109	4171
>CARS-V268I YGYVSN <del>GSV</del>	13	>CARS-V268I YGYVSN <del>GS</del> LY	17	4
>CARS-V268I YGYVSN <del>GSV</del>	11	>CARS-V268I YGYVSN <del>GS</del> LY	8	3
>CARS-V268I YGYVSN <del>GSV</del>	250	>CARS-V268I YGYVSN <del>GS</del> LY	231	19
>CARS-V268I YGYVSN <del>GSV</del>	388	>CARS-V268I YGYVSN <del>GS</del> LY	3817	3429
>CARS-V268I YGYVSN <del>GSV</del>	995	>CARS-V268I YGYVSN <del>GS</del> LY	299	696
>CARS-V268I YGYVSN <del>GSV</del>	73	>CARS-V268I YGYVSN <del>GS</del> LY	57	16
>CARS-V268I YGYVSN <del>GSV</del>	144	>CARS-V268I YGYVSN <del>GS</del> LY	95	49
>CARS-V268I YGYVSN <del>GSV</del>	250	>CARS-V268I YGYVSN <del>GS</del> LY	1871	1621
>CARS-V268I GYGYVSN <del>GS</del>	360	>CARS-V268I GYGYVSN <del>GS</del> L	84	276
>CARS-V268I GYGYVSN <del>GS</del>	1019	>CARS-V268I GYGYVSN <del>GS</del> L	33	986
>CARS-V268I GYGYVSN <del>GS</del>	88	>CARS-V268I GYGYVSN <del>GS</del> L	24	64
>CARS-V268I GYGYVSN <del>GS</del>	69	>CARS-V268I GYGYVSN <del>GS</del> L	76	7
>CARS-V268I GYGYVSN <del>GS</del>	2308	>CARS-V268I GYGYVSN <del>GS</del> L	448	1860
>CARS-V268I GYGYVSN <del>GS</del>	200	>CARS-V268I GYGYVSN <del>GS</del> L	144	56
>CARS-V268I GYGYVSN <del>GS</del>	331	>CARS-V268I GYGYVSN <del>GS</del> L	167	164
>CBFA2T3-A <sup>!</sup> AKRQASEDAI	33	>CBFA2T3-A <sup>!</sup> VKRQASEDAI	54	21
>CBFA2T3-A <sup>!</sup> EAKRQASEDAI	4940	>CBFA2T3-A <sup>!</sup> EVKRQASEDAI	141	4799
>CBFA2T3-A <sup>!</sup> RAKMERALAI	11	>CBFA2T3-A <sup>!</sup> RAKMERALAI	15	4
>CBFA2T3-A <sup>!</sup> AEAKRQAS	60	>CBFA2T3-A <sup>!</sup> AEVKRQAS	107	47
>CBFA2T3-A <sup>!</sup> AEAKRQASEI	17	>CBFA2T3-A <sup>!</sup> AEVKRQASEI	24	7
>CBFA2T3-A <sup>!</sup> AEAKRQASEI	369	>CBFA2T3-A <sup>!</sup> AEVKRQASEI	290	79
>CBFA2T3-A <sup>!</sup> ALAEAKRQA	631	>CBFA2T3-A <sup>!</sup> ALAEVKRQA	342	289
>CBFA2T3-A <sup>!</sup> ALAEAKRQA	81	>CBFA2T3-A <sup>!</sup> ALAEVKRQA	66	15
>CBFA2T3-A <sup>!</sup> ALAEAKRQA	98	>CBFA2T3-A <sup>!</sup> ALAEVKRQA	18	80
>CBFA2T3-A <sup>!</sup> ALAEAKRQA	137	>CBFA2T3-A <sup>!</sup> ALAEVKRQA	66	71
>CBFA2T3-A <sup>!</sup> ALAEAKRQ	130	>CBFA2T3-A <sup>!</sup> ALAEVKRQ	98	32
>CBFA2T3-A <sup>!</sup> ALAEAKRQA	13	>CBFA2T3-A <sup>!</sup> ALAEVKRQA	15	2
>CBFA2T3-A <sup>!</sup> RALAEAKR	57	>CBFA2T3-A <sup>!</sup> RALAEVKR	43	14
>CBFA2T3-A <sup>!</sup> RALAEAKR	110	>CBFA2T3-A <sup>!</sup> RALAEVKR	82	28
>CBFA2T3-A <sup>!</sup> ERALAEAKR	340	>CBFA2T3-A <sup>!</sup> ERALAEVKR	301	39
>CBFA2T3-A <sup>!</sup> MERALAEA	4791	>CBFA2T3-A <sup>!</sup> MERALAEV	393	4398
>CBFA2T3-A <sup>!</sup> MERALAEA	780	>CBFA2T3-A <sup>!</sup> MERALAEV	310	470
>CBFA2T3-A <sup>!</sup> MERALAEA	134	>CBFA2T3-A <sup>!</sup> MERALAEV	113	21
>CBFA2T3-A <sup>!</sup> MERALAEA	14	>CBFA2T3-A <sup>!</sup> MERALAEV	43	29

>CBFA2T3-A <sup>!</sup> MERALAEAK	470	>CBFA2T3-A <sup>!</sup> MERALAEVK	752	282
>CBFA2T3-A <sup>!</sup> MERALAEA	5738	>CBFA2T3-A <sup>!</sup> MERALAEV	201	5537
>CBFA2T3-A <sup>!</sup> KMERALAEA	370	>CBFA2T3-A <sup>!</sup> KMERALAEV	33	337
>CBFA2T3-A <sup>!</sup> KMERALAEA	130	>CBFA2T3-A <sup>!</sup> KMERALAEV	17	113
>CBFA2T3-A <sup>!</sup> KMERALAEA	86	>CBFA2T3-A <sup>!</sup> KMERALAEV	14	72
>CBFA2T3-A <sup>!</sup> KMERALAEA	198	>CBFA2T3-A <sup>!</sup> KMERALAEV	13	185
>CBFA2T3-A <sup>!</sup> KMERALAEA	228	>CBFA2T3-A <sup>!</sup> KMERALAEV	6	222
>CBFA2T3-A <sup>!</sup> KMERALAEA	129	>CBFA2T3-A <sup>!</sup> KMERALAEV	5	124
>CBFA2T3-A <sup>!</sup> KMERALAEA	1115	>CBFA2T3-A <sup>!</sup> KMERALAEV	24	1091
>CBFA2T3-A <sup>!</sup> KMERALAEA	5629	>CBFA2T3-A <sup>!</sup> KMERALAEV	39	5590
>CBFA2T3-A <sup>!</sup> KMERALAEA	40	>CBFA2T3-A <sup>!</sup> KMERALAEV	3	37
>CBFA2T3-A <sup>!</sup> KMERALAEAI	423	>CBFA2T3-A <sup>!</sup> KMERALAEVI	583	160
>CBFA2T3-A <sup>!</sup> KMERALAEAI	300	>CBFA2T3-A <sup>!</sup> KMERALAEVI	414	114
>CBFA2T3-A <sup>!</sup> KMERALAEAI	17	>CBFA2T3-A <sup>!</sup> KMERALAEVI	20	3
>CBFA2T3-A <sup>!</sup> KMERALAEAI	281	>CBFA2T3-A <sup>!</sup> KMERALAEVI	744	463
>CBFA2T3-A <sup>!</sup> KMERALAEAI	135	>CBFA2T3-A <sup>!</sup> KMERALAEVI	82	53
>CBFA2T3-A <sup>!</sup> AKMERALAE/	379	>CBFA2T3-A <sup>!</sup> AKMERALAE\	69	310
>CBFA2T3-A <sup>!</sup> AKMERALAE/	296	>CBFA2T3-A <sup>!</sup> AKMERALAE\	470	174
>CBFA2T3-E <sup>!</sup> ELITTERA	13206	>CBFA2T3-E <sup>!</sup> KLITTERA	316	12890
>CBFA2T3-E <sup>!</sup> ELITTERA	2756	>CBFA2T3-E <sup>!</sup> KLITTERA	197	2559
>CBFA2T3-E <sup>!</sup> ELITTERAKM	1936	>CBFA2T3-E <sup>!</sup> KLITTERAKM	234	1702
>CBFA2T3-E <sup>!</sup> ELITTERA	3883	>CBFA2T3-E <sup>!</sup> KLITTERA	107	3776
>CBFA2T3-E <sup>!</sup> ELITTERA	1811	>CBFA2T3-E <sup>!</sup> KLITTERA	114	1697
>CBFA2T3-E <sup>!</sup> ELITTERA	5810	>CBFA2T3-E <sup>!</sup> KLITTERA	205	5605
>CBFA2T3-E <sup>!</sup> ELITTERA	533	>CBFA2T3-E <sup>!</sup> KLITTERA	92	441
>CBFA2T3-E <sup>!</sup> ELITTERAK	9131	>CBFA2T3-E <sup>!</sup> KLITTERAK	169	8962
>CBFA2T3-E <sup>!</sup> ELITTERAKM	42	>CBFA2T3-E <sup>!</sup> KLITTERAKM	3804	3762
>CBFA2T3-E <sup>!</sup> ELITTERAK	15476	>CBFA2T3-E <sup>!</sup> KLITTERAK	149	15327
>CBFA2T3-E <sup>!</sup> ELITTERAK	168	>CBFA2T3-E <sup>!</sup> KLITTERAK	12885	12717
>CBFA2T3-E <sup>!</sup> ELITTERAKM	4047	>CBFA2T3-E <sup>!</sup> KLITTERAKM	468	3579
>CBFA2T3-E <sup>!</sup> HELITTERAKM	99	>CBFA2T3-E <sup>!</sup> HKLITTERAKM	8229	8130
>CBFA2T3-E <sup>!</sup> HELITTER	10456	>CBFA2T3-E <sup>!</sup> HKLITTER	426	10030
>CBFA2T3-E <sup>!</sup> HELITTERAKM	4762	>CBFA2T3-E <sup>!</sup> HKLITTERAKM	91	4671
>CBFA2T3-E <sup>!</sup> HELITTERAKM	346	>CBFA2T3-E <sup>!</sup> HKLITTERAKM	19378	19032
>CBFA2T3-E <sup>!</sup> HELITTERAKM	449	>CBFA2T3-E <sup>!</sup> HKLITTERAKM	20667	20218
>CBFA2T3-E <sup>!</sup> HELITTERA	94	>CBFA2T3-E <sup>!</sup> HKLITTERA	27095	27001
>CBFA2T3-E <sup>!</sup> HELITTERA	147	>CBFA2T3-E <sup>!</sup> HKLITTERA	22440	22293
>CBFA2T3-E <sup>!</sup> HELITTERAKM	23	>CBFA2T3-E <sup>!</sup> HKLITTERAKM	10800	10777
>CBFA2T3-E <sup>!</sup> HELITTER	121	>CBFA2T3-E <sup>!</sup> HKLITTER	163	42
>CBFA2T3-E <sup>!</sup> AVSDAERKA†	24075	>CBFA2T3-E <sup>!</sup> AVSDAERKA†	74	24001
>CBFA2T3-E <sup>!</sup> AVSDAERKA†	12480	>CBFA2T3-E <sup>!</sup> AVSDAERKA†	66	12414
>CBFA2T3-E <sup>!</sup> KAHELITT	1043	>CBFA2T3-E <sup>!</sup> KAHKLITT	477	566
>CBFA2T3-E <sup>!</sup> KAHELITTER	889	>CBFA2T3-E <sup>!</sup> KAHKLITTER	476	413



>CBFA2T3-E5 KAHELITTERA	426	>CBFA2T3-E5 KAHKLITTERA	216	210
>CBFA2T3-E5 KAHELITTER	93	>CBFA2T3-E5 KAHKLITTER	36	57
>CBFA2T3-E5 KAHELITTER	215	>CBFA2T3-E5 KAHKLITTER	387	172
>CBFA2T3-E5 KAHELITTER	100	>CBFA2T3-E5 KAHKLITTER	71	29
>CBFA2T3-E5 RKAHELITTEF	114	>CBFA2T3-E5 RKAHKLITTEF	223	109
>CBFA2T3-E5 RKAHELITTEF	336	>CBFA2T3-E5 RKAHKLITTEF	407	71
>CBFA2T3-E5 AERKAHEL	108	>CBFA2T3-E5 AERKAHKL	76	32
>CBFA2T3-E5 AERKAHELI	102	>CBFA2T3-E5 AERKAHKLI	23	79
>CBFA2T3-E5 AERKAHEL	112	>CBFA2T3-E5 AERKAHKL	206	94
>CBFA2T3-E5 AERKAHELI	171	>CBFA2T3-E5 AERKAHKLI	1415	1244
>CBFA2T3-E5 AERKAHEL	32	>CBFA2T3-E5 AERKAHKL	93	61
>CBFA2T3-E5 AERKAHELI	109	>CBFA2T3-E5 AERKAHKLI	146	37
>CBFA2T3-E5 AERKAHELIT	125	>CBFA2T3-E5 AERKAHKLIT	144	19
>CBFA2T3-E5 AERKAHEL	233	>CBFA2T3-E5 AERKAHKL	610	377
>CBFA2T3-E5 AERKAHELI	162	>CBFA2T3-E5 AERKAHKLI	306	144
>CBFA2T3-E5 AERKAHELIT	300	>CBFA2T3-E5 AERKAHKLIT	343	43
>CBFA2T3-E5 AERKAHELIT	44	>CBFA2T3-E5 AERKAHKLIT	52	8
>CBFA2T3-E5 AERKAHEL	79	>CBFA2T3-E5 AERKAHKL	252	173
>CBFA2T3-E5 AERKAHELI	10	>CBFA2T3-E5 AERKAHKLI	19	9
>CBFA2T3-E5 AERKAHELIT	121	>CBFA2T3-E5 AERKAHKLIT	206	85
>CBFA2T3-E5 DAERKAHE	24325	>CBFA2T3-E5 DAERKAHK	451	23874
>CBFA2T3-E5 SDAERKAHEL	81	>CBFA2T3-E5 SDAERKAHKL	38	43
>CBFA2T3-E5 SDAERKAHEL	57	>CBFA2T3-E5 SDAERKAHKL	114	57
>CBFA2T3-E5 VSDAERKAHE	121	>CBFA2T3-E5 VSDAERKAHK	104	17
>CBFA2T3-R5 DRDPLHPEHL	7500	>CBFA2T3-R5 DHDPLHPEHI	460	7040
>CBFA2T3-R5 KENGSDRDPI	247	>CBFA2T3-R5 KENGSDHDPI	232	15
>CBFA2T3-R5 KENGSDRDPI	438	>CBFA2T3-R5 KENGSDHDPI	978	540
>CBFA2T3-R5 TKENGSDRDI	267	>CBFA2T3-R5 TKENGSDHDI	275	8
>CBFA2T3-R5 RTKENGSDR	155	>CBFA2T3-R5 RTKENGSDH	1363	1208
>CBFA2T3-R5 RTKENGSDR	52	>CBFA2T3-R5 RTKENGSDH	6559	6507
>CBFA2T3-R5 RTKENGSDR	4267	>CBFA2T3-R5 RTKENGSDH	202	4065
>CBFA2T3-R5 RTKENGSDR	5815	>CBFA2T3-R5 RTKENGSDH	403	5412
>CBFB-P100A PMILNGVCV	1379	>CBFB-P100A AMILNGVCV	19	1360
>CBFB-P100A PMILNGVCVI	2458	>CBFB-P100A AMILNGVCVI	488	1970
>CBFB-P100A PMILNGVCV	8014	>CBFB-P100A AMILNGVCV	145	7869
>CBFB-P100A PMILNGVCV	2427	>CBFB-P100A AMILNGVCV	110	2317
>CBFB-P100A PMILNGVCVI	3497	>CBFB-P100A AMILNGVCVI	315	3182
>CBFB-P100A PMILNGVCV	2905	>CBFB-P100A AMILNGVCV	118	2787
>CBFB-P100A PMILNGVCVI	1046	>CBFB-P100A AMILNGVCVI	66	980
>CBFB-P100A PMILNGVCV	4614	>CBFB-P100A AMILNGVCV	123	4491
>CBFB-P100A PMILNGVCV	174	>CBFB-P100A AMILNGVCV	10	164
>CBFB-P100A PMILNGVCVI	266	>CBFB-P100A AMILNGVCVI	19	247
>CBFB-P100A PMILNGVCV	118	>CBFB-P100A AMILNGVCV	4	114

>CBFB-P100/ PMILNGVCVI	535	>CBFB-P100/ AMILNGVCVI	16	519
>CBFB-P100/ PMILNGVCV	117	>CBFB-P100/ AMILNGVCV	12	105
>CBFB-P100/ PMILNGVCVI	1234	>CBFB-P100/ AMILNGVCVI	92	1142
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>CBFB-P100/ PMILNGVCVI	1881	>CBFB-P100/ AMILNGVCVI	414	1467
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>CBFB-P100/ PMILNGVCVI	688	>CBFB-P100/ AMILNGVCVI	33	655
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>CBFB-P100/ PMILNGVCVI	3643	>CBFB-P100/ AMILNGVCVI	349	3294
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>CBFB-P100/ APMILNGV	7363	>CBFB-P100/ AAMILNGV	172	7191
>CBFB-P100/ APMILNGV	2972	>CBFB-P100/ AAMILNGV	44	2928
>CBFB-P100/ APMILNGVC\	4281	>CBFB-P100/ AAMILNGVC\	253	4028
>CBFB-P100/ APMILNGV	18010	>CBFB-P100/ AAMILNGV	446	17564
>CBFB-P100/ APMILNGV	5214	>CBFB-P100/ AAMILNGV	148	5066
>CBFB-P100/ APMILNGVC\	7989	>CBFB-P100/ AAMILNGVC\	340	7649
>CBFB-P100/ APMILNGV	899	>CBFB-P100/ AAMILNGV	270	629
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>CBFB-P100/ APMILNGVC\	75	>CBFB-P100/ AAMILNGVC\	8967	8892
>CBFB-P100/ APMILNGVC\	57	>CBFB-P100/ AAMILNGVC\	9419	9362
>CBFB-P100/ APMILNGVC\	15011	>CBFB-P100/ AAMILNGVC\	224	14787
>CBFB-P100/ APMILNGVC\	163	>CBFB-P100/ AAMILNGVC\	2645	2482
>CBFB-P100/ APMILNGVC\	198	>CBFB-P100/ AAMILNGVC\	12190	11992
>CBFB-P100/ APMILNGVC\	1947	>CBFB-P100/ AAMILNGVC\	202	1745
>CBFB-P100/ REAGKVYLKA	3246	>CBFB-P100/ REAGKVYLKA	181	3065
>CBFB-P100/ REAGKVYLKA	1451	>CBFB-P100/ REAGKVYLKA	11	1440
>CBFB-P100/ KAPMILNGV	2921	>CBFB-P100/ KAAMILNGV	479	2442
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>CBFB-P100/ KAPMILNGVC\	2689	>CBFB-P100/ KAAMILNGVC\	306	2383
>CBFB-P100/ KAPMILNGV	171	>CBFB-P100/ KAAMILNGV	32	139
>CBFB-P100/ KAPMILNGV	32	>CBFB-P100/ KAAMILNGV	15	17
>CBFB-P100/ KAPMILNGVC\	538	>CBFB-P100/ KAAMILNGVC\	219	319
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>CBFB-P100/ KAPMILNGV	434	>CBFB-P100/ KAAMILNGV	97	337
>CBFB-P100/ KAPMILNGV	27	>CBFB-P100/ KAAMILNGV	4584	4557
>CBFB-P100/ KAPMILNGVC\	485	>CBFB-P100/ KAAMILNGVC\	15212	14727
>CBFB-P100/ KAPMILNGVC\	132	>CBFB-P100/ KAAMILNGVC\	8388	8256
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>CBFB-P100/LKAPMILNGV	524	>CBFB-P100/LKAAMILNGV	498	26
>CBFB-P100/YLKAPMIL	180	>CBFB-P100/YLKAAMIL	169	11
>CBFB-P100/YLKAPMILNG	29	>CBFB-P100/YLKAAMILNG	20	9
>CBFB-P100/YLKAPMIL	45	>CBFB-P100/YLKAAMIL	18	27
>CBFB-P100/YLKAPMILNG	6	>CBFB-P100/YLKAAMILNG	3	3
>CBFB-P100/YLKAPMIL	6	>CBFB-P100/YLKAAMIL	5	1
>CBFB-P100/YLKAPMILNG	2	>CBFB-P100/YLKAAMILNG	2	0
>CBFB-P100/YLKAPMIL	1310	>CBFB-P100/YLKAAMIL	310	1000
>CBFB-P100/YLKAPMILNG	13	>CBFB-P100/YLKAAMILNG	8	5
>CBFB-P100/YLKAPMIL	70	>CBFB-P100/YLKAAMIL	223	153
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>CBFB-P100/YLKAPMIL	52	>CBFB-P100/YLKAAMIL	44	8
>CBFB-P100/YLKAPMILNG	5	>CBFB-P100/YLKAAMILNG	5	0
>CBFB-P100/YLKAPMIL	475	>CBFB-P100/YLKAAMIL	279	196
>CBFB-P100/YLKAPMILNG	18	>CBFB-P100/YLKAAMILNG	13	5
>CBFB-P100/YLKAPMILNG	31	>CBFB-P100/YLKAAMILNG	18	13
>CBFB-P100/YLKAPMIL	5	>CBFB-P100/YLKAAMIL	4	1
>CBFB-P100/YLKAPMILNG	2	>CBFB-P100/YLKAAMILNG	2	0
>CBFB-P100/YLKAPMILNG	377	>CBFB-P100/YLKAAMILNG	560	183
>CBFB-P100/YLKAPMILNG	252	>CBFB-P100/YLKAAMILNG	383	131
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>CBFB-P100/YLKAPMIL	801	>CBFB-P100/YLKAAMIL	340	461
>CBFB-P100/YLKAPMIL	346	>CBFB-P100/YLKAAMIL	560	214
>CBFB-P100/YLKAPMIL	156	>CBFB-P100/YLKAAMIL	187	31
>CBFB-P100/VYLKAPMI	1257	>CBFB-P100/VYLKAAMI	423	834
>CBFB-P100/VYLKAPMI	703	>CBFB-P100/VYLKAAMI	194	509
>CBFB-P100/VYLKAPMI	67	>CBFB-P100/VYLKAAMI	97	30
>CBFB-P100/VYLKAPMIL	39	>CBFB-P100/VYLKAAMIL	132	93
>CBFB-P100/VYLKAPMI	71	>CBFB-P100/VYLKAAMI	92	21
>CBFB-P100/VYLKAPMIL	94	>CBFB-P100/VYLKAAMIL	208	114
>CBFB-P100/VYLKAPMI	6	>CBFB-P100/VYLKAAMI	6	0
>CBFB-P100/VYLKAPMIL	6	>CBFB-P100/VYLKAAMIL	5	1
>CBFB-P100/KVYLKAPM	304	>CBFB-P100/KVYLKAAM	897	593
>CBFB-P100/KVYLKAPMI	142	>CBFB-P100/KVYLKAAMI	161	19
>CBFB-P100/KVYLKAPMIL	239	>CBFB-P100/KVYLKAAMIL	326	87
>CBFB-P100/KVYLKAPMI	687	>CBFB-P100/KVYLKAAMI	125	562
>CBFB-P100/KVYLKAPMIL	230	>CBFB-P100/KVYLKAAMIL	679	449
>CBFB-P100/KVYLKAPMI	228	>CBFB-P100/KVYLKAAMI	480	252
>CBFB-P100/KVYLKAPM	158	>CBFB-P100/KVYLKAAM	506	348
>CBFB-P100/KVYLKAPMI	105	>CBFB-P100/KVYLKAAMI	231	126
>CBFB-P100/KVYLKAPMIL	101	>CBFB-P100/KVYLKAAMIL	173	72
>CBFB-P100/KVYLKAPM	237	>CBFB-P100/KVYLKAAM	177	60
>CBFB-P100/KVYLKAPMI	66	>CBFB-P100/KVYLKAAMI	35	31

>CBFB-P100/ KVVYLKAPMIL	82	>CBFB-P100/ KVVYLKAAMIL	67	15
>CBFB-P100/ KVVYLKAPM	16	>CBFB-P100/ KVVYLKAAM	23	7
>CBFB-P100/ KVVYLKAPMI	56	>CBFB-P100/ KVVYLKAAMI	25	31
>CBFB-P100/ KVVYLKAPMIL	100	>CBFB-P100/ KVVYLKAAMIL	43	57
>CBFB-P100/ KVVYLKAPMIL	190	>CBFB-P100/ KVVYLKAAMIL	852	662
>CBFB-P100/ KVVYLKAPMI	146	>CBFB-P100/ KVVYLKAAMI	114	32
>CBFB-P100/ GKVVYLKAPM	139	>CBFB-P100/ GKVVYLKAAM	124	15
>CBFB-P100/ GKVVYLKAPMI	116	>CBFB-P100/ GKVVYLKAAM	138	22
>CBFB-P100/ GKVVYLKAPMI	337	>CBFB-P100/ GKVVYLKAAM	406	69
>CBFB-P100/ EAGKVVYLKAP	281	>CBFB-P100/ EAGKVVYLKAA	799	518
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>CBL-A848T- ASAATASPQL	2395	>CBL-A848T- TSAATASPQL	172	2223
>CBL-A848T- ASAATASPQL	483	>CBL-A848T- TSAATASPQL	1842	1359
>CBL-A848T- ASAATASPQL	5	>CBL-A848T- TSAATASPQL	10	5
>CBL-A848T- ASAATASPQL	552	>CBL-A848T- TSAATASPQL	165	387
>CBL-A848T- ASAATASPQL	397	>CBL-A848T- TSAATASPQL	314	83
>CBL-A848T- ASAATASPQL	66	>CBL-A848T- TSAATASPQL	53	13
>CBL-A848T- ASAATASPQL	345	>CBL-A848T- TSAATASPQL	485	140
>CBL-A848T- AASAATASPC	325	>CBL-A848T- ATSAATASPC	110	215
>CBL-A848T- AASAATASPC	854	>CBL-A848T- ATSAATASPC	121	733
>CBL-A848T- AASAATASPC	2137	>CBL-A848T- ATSAATASPC	434	1703
>CBL-A848T- AASAATASPC	28	>CBL-A848T- ATSAATASPC	6	22
>CBL-A848T- AASAATASPC	330	>CBL-A848T- ATSAATASPC	26	304
>CBL-A848T- AASAATASPC	1472	>CBL-A848T- ATSAATASPC	247	1225
>CBL-A848T- GPAASAAT	185	>CBL-A848T- GPATSAAT	307	122
>CBL-A848T- GPAASAATA	193	>CBL-A848T- GPATSAATA	387	194
>CBL-A848T- GPAASAATA	383	>CBL-A848T- GPATSAATA	651	268
>CBL-A848T- CQQGSGPAA	417	>CBL-A848T- CQQGSGPAT	2622	2205
>CBL-C381R- CKICAENDK	2419	>CBL-C381R- RKICAENDK	265	2154
>CBL-C381R- CKICAENDKD	735	>CBL-C381R- RKICAENDKD	53	682
>CBL-C381R- QLCKICAEND	8818	>CBL-C381R- QLRKICAEND	96	8722
>CBL-C381R- FQLCKICA	131	>CBL-C381R- FQLRKICA	541	410
>CBL-C381R- FQLCKICA	17	>CBL-C381R- FQLRKICA	29	12
>CBL-C381R- FQLCKICAE	300	>CBL-C381R- FQLRKICAE	615	315
>CBL-C381R- FQLCKICA	490	>CBL-C381R- FQLRKICA	754	264
>CBL-C381R- FQLCKICA	190	>CBL-C381R- FQLRKICA	971	781
>CBL-C381R- FQLCKICA	487	>CBL-C381R- FQLRKICA	851	364
>CBL-C381R- STFQLCKI	444	>CBL-C381R- STFQLRKI	724	280
>CBL-C381R- STFQLCKI	318	>CBL-C381R- STFQLRKI	1508	1190
>CBL-C381R- STFQLCKI	41	>CBL-C381R- STFQLRKI	43	2
>CBL-C381R- STFQLCKI	144	>CBL-C381R- STFQLRKI	229	85
>CBL-C381R- STFQLCKICA	306	>CBL-C381R- STFQLRKICA	459	153
>CBL-C381R- STFQLCKI	330	>CBL-C381R- STFQLRKI	1043	713

>CBL-C381R- STFQLCKI	31	>CBL-C381R- STFQLRKI	70	39
>CBL-C381R- STFQLCKIC	195	>CBL-C381R- STFQLRKIC	479	284
>CBL-C381R- STFQLCKI	14	>CBL-C381R- STFQLRKI	12	2
>CBL-C381R- GSTFQLCK	35	>CBL-C381R- GSTFQLRK	42	7
>CBL-C381R- GSTFQLCKI	434	>CBL-C381R- GSTFQLRKI	1360	926
>CBL-C381R- GSTFQLCK	195	>CBL-C381R- GSTFQLRK	161	34
>CBL-C381R- GSTFQLCKI	759	>CBL-C381R- GSTFQLRKI	305	454
>CBL-C381R- MGSTFQLCK	732	>CBL-C381R- MGSTFQLRK	258	474
>CBL-C381R- MGSTFQLCK	78	>CBL-C381R- MGSTFQLRK	79	1
>CBL-C381R- MGSTFQLCK	839	>CBL-C381R- MGSTFQLRK	442	397
>CBL-C381R- MGSTFQLC	22464	>CBL-C381R- MGSTFQLR	110	22354
>CBL-C381R- MGSTFQLC	36413	>CBL-C381R- MGSTFQLR	48	36365
>CBL-C381R- MGSTFQLCK	283	>CBL-C381R- MGSTFQLRK	489	206
>CBL-C381R- MGSTFQLC	30278	>CBL-C381R- MGSTFQLR	104	30174
>CBL-C381R- EMGSTFQLCI	89	>CBL-C381R- EMGSTFQLRI	364	275
>CBL-C381R- EMGSTFQLCI	493	>CBL-C381R- EMGSTFQLRI	2449	1956
>CBL-C381R- EMGSTFQLCI	245	>CBL-C381R- EMGSTFQLRI	2302	2057
>CBL-C381R- EMGSTFQLCI	166	>CBL-C381R- EMGSTFQLRI	1117	951
>CBL-C381R- EMGSTFQLCI	174	>CBL-C381R- EMGSTFQLRI	1936	1762
>CBL-C381R- EMGSTFQLCI	354	>CBL-C381R- EMGSTFQLRI	379	25
>CBL-C381R- EMGSTFQLCI	412	>CBL-C381R- EMGSTFQLRI	409	3
>CBL-C381R- EMGSTFQLC	21254	>CBL-C381R- EMGSTFQLR	127	21127
>CBL-C381R- EMGSTFQLC	30227	>CBL-C381R- EMGSTFQLR	73	30154
>CBL-C381R- EMGSTFQLC	33169	>CBL-C381R- EMGSTFQLR	33	33136
>CBL-C381R- EMGSTFQLCI	360	>CBL-C381R- EMGSTFQLRI	1294	934
>CBL-C381R- EMGSTFQLC	32552	>CBL-C381R- EMGSTFQLR	58	32494
>CBL-C381R- CEMGSTFQLCI	29812	>CBL-C381R- CEMGSTFQLRI	300	29512
>CBL-C381R- CEMGSTFQLCI	140	>CBL-C381R- CEMGSTFQLRI	390	250
>CBL-C381R- CEMGSTFQLCI	35865	>CBL-C381R- CEMGSTFQLRI	126	35739
>CBL-C381Y- CKICAENDK	2419	>CBL-C381Y- YKICAENDK	364	2055
>CBL-C381Y- CKICAENDKD	735	>CBL-C381Y- YKICAENDKD	61	674
>CBL-C381Y- LCKICAENDK	2586	>CBL-C381Y- LYKICAENDK	300	2286
>CBL-C381Y- YCEMGSTFQI	19701	>CBL-C381Y- YCEMGSTFQI	118	19583
>CBL-C381Y- YCEMGSTFQI	23399	>CBL-C381Y- YCEMGSTFQI	231	23168
>CBL-C381Y- YCEMGSTFQI	25229	>CBL-C381Y- YCEMGSTFQI	200	25029
>CBL-C381Y- YCEMGSTFQI	5599	>CBL-C381Y- YCEMGSTFQI	18	5581
>CBL-C381Y- QLCKICAEND	1673	>CBL-C381Y- QLYKICAEND	86	1587
>CBL-C381Y- QLCKICAEND	1091	>CBL-C381Y- QLYKICAEND	247	844
>CBL-C381Y- FQLCKICA	131	>CBL-C381Y- FQLYKICA	148	17
>CBL-C381Y- FQLCKICA	17	>CBL-C381Y- FQLYKICA	22	5
>CBL-C381Y- FQLCKICAE	300	>CBL-C381Y- FQLYKICAE	566	266
>CBL-C381Y- FQLCKICA	490	>CBL-C381Y- FQLYKICA	1242	752
>CBL-C381Y- FQLCKICA	190	>CBL-C381Y- FQLYKICA	919	729

>CBL-C381Y- FQLCKICA	487	>CBL-C381Y- FQLYKICA	433	54
>CBL-C381Y- STFQLCKI	444	>CBL-C381Y- STFQLYKI	406	38
>CBL-C381Y- STFQLCKI	1386	>CBL-C381Y- STFQLYKI	366	1020
>CBL-C381Y- STFQLCKI	318	>CBL-C381Y- STFQLYKI	138	180
>CBL-C381Y- STFQLCKI	41	>CBL-C381Y- STFQLYKI	19	22
>CBL-C381Y- STFQLCKI	144	>CBL-C381Y- STFQLYKI	26	118
>CBL-C381Y- STFQLCKICA	306	>CBL-C381Y- STFQLYKICA	164	142
>CBL-C381Y- STFQLCKI	330	>CBL-C381Y- STFQLYKI	131	199
>CBL-C381Y- STFQLCKI	31	>CBL-C381Y- STFQLYKI	45	14
>CBL-C381Y- STFQLCKIC	195	>CBL-C381Y- STFQLYKIC	461	266
>CBL-C381Y- STFQLCKI	947	>CBL-C381Y- STFQLYKI	315	632
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>CBL-C381Y- GSTFQLCK	1541	>CBL-C381Y- GSTFQLYK	276	1265
>CBL-C381Y- GSTFQLCK	35	>CBL-C381Y- GSTFQLYK	10	25
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>CBL-C381Y- GSTFQLCK	1184	>CBL-C381Y- GSTFQLYK	373	811
>CBL-C381Y- GSTFQLCKI	434	>CBL-C381Y- GSTFQLYKI	1129	695
>CBL-C381Y- GSTFQLCK	195	>CBL-C381Y- GSTFQLYK	130	65
>CBL-C381Y- GSTFQLCKI	759	>CBL-C381Y- GSTFQLYKI	444	315
>CBL-C381Y- MGSTFQLCK	732	>CBL-C381Y- MGSTFQLYK	92	640
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>CBL-C381Y- MGSTFQLC	21169	>CBL-C381Y- MGSTFQLY	55	21114
>CBL-C381Y- MGSTFQLCK	839	>CBL-C381Y- MGSTFQLYK	51	788
>CBL-C381Y- MGSTFQLC	27320	>CBL-C381Y- MGSTFQLY	103	27217
>CBL-C381Y- MGSTFQLCK	283	>CBL-C381Y- MGSTFQLYK	81	202
>CBL-C381Y- MGSTFQLC	14152	>CBL-C381Y- MGSTFQLY	108	14044
>CBL-C381Y- MGSTFQLCK	1349	>CBL-C381Y- MGSTFQLYK	114	1235
>CBL-C381Y- EMGSTFQLCI	89	>CBL-C381Y- EMGSTFQLYK	72	17
>CBL-C381Y- EMGSTFQLCI	493	>CBL-C381Y- EMGSTFQLYK	145	348
>CBL-C381Y- EMGSTFQLCI	245	>CBL-C381Y- EMGSTFQLYK	330	85
>CBL-C381Y- EMGSTFQLCI	166	>CBL-C381Y- EMGSTFQLYK	83	83
>CBL-C381Y- EMGSTFQLCI	174	>CBL-C381Y- EMGSTFQLYK	464	290
>CBL-C381Y- EMGSTFQLCI	354	>CBL-C381Y- EMGSTFQLYK	79	275
>CBL-C381Y- EMGSTFQLCI	412	>CBL-C381Y- EMGSTFQLYK	78	334
>CBL-C381Y- EMGSTFQLC	30672	>CBL-C381Y- EMGSTFQLY	298	30374
>CBL-C381Y- EMGSTFQLC	18794	>CBL-C381Y- EMGSTFQLY	25	18769
>CBL-C381Y- EMGSTFQLC	25953	>CBL-C381Y- EMGSTFQLY	238	25715
>CBL-C381Y- EMGSTFQLCI	1526	>CBL-C381Y- EMGSTFQLYK	130	1396
>CBL-C381Y- EMGSTFQLCI	360	>CBL-C381Y- EMGSTFQLYK	222	138
>CBL-C381Y- EMGSTFQLC	25955	>CBL-C381Y- EMGSTFQLY	109	25846
>CBL-C381Y- EMGSTFQLC	16015	>CBL-C381Y- EMGSTFQLY	99	15916
>CBL-C381Y- EMGSTFQLC	29322	>CBL-C381Y- EMGSTFQLY	482	28840
>CBL-C381Y- EMGSTFQLC	10221	>CBL-C381Y- EMGSTFQLY	104	10117

>CBL-C381Y- EMGSTFQLCI	1183	>CBL-C381Y- EMGSTFQLYH	100	1083
>CBL-C381Y- CEMGSTFQLC	1548	>CBL-C381Y- CEMGSTFQLY	320	1228
>CBL-C381Y- CEMGSTFQLC	26288	>CBL-C381Y- CEMGSTFQLY	142	26146
>CBL-C381Y- CEMGSTFQLC	17198	>CBL-C381Y- CEMGSTFQLY	482	16716
>CBL-C381Y- CEMGSTFQLC	13147	>CBL-C381Y- CEMGSTFQLY	139	13008
>CBL-C381Y- CEMGSTFQLC	14654	>CBL-C381Y- CEMGSTFQLY	148	14506
>CBL-C381Y- CEMGSTFQLC	140	>CBL-C381Y- CEMGSTFQLY	249	109
>CBL-C381Y- CEMGSTFQLC	5461	>CBL-C381Y- CEMGSTFQLY	465	4996
>CBL-C384R- MGSTFQLCKI	41544	>CBL-C384R- MGSTFQLCKI	226	41318
>CBL-C384R- MGSTFQLCKI	31863	>CBL-C384R- MGSTFQLCKI	174	31689
>CBL-C384R- KICAENDK	915	>CBL-C384R- KIRAENDK	324	591
>CBL-C384R- KICAENDK	232	>CBL-C384R- KIRAENDK	4038	3806
>CBL-C384R- KICAENDKDV	227	>CBL-C384R- KIRAENDKDV	4052	3825
>CBL-C384R- KICAENDK	499	>CBL-C384R- KIRAENDK	5	494
>CBL-C384R- KICAENDKDV	9150	>CBL-C384R- KIRAENDKDV	204	8946
>CBL-C384R- KICAENDKDV	1771	>CBL-C384R- KIRAENDKDV	10	1761
>CBL-C384R- FQLCKICA	131	>CBL-C384R- FQLCKIRA	195	64
>CBL-C384R- FQLCKICA	17	>CBL-C384R- FQLCKIRA	19	2
>CBL-C384R- FQLCKICAE	300	>CBL-C384R- FQLCKIRAE	1816	1516
>CBL-C384R- FQLCKICA	490	>CBL-C384R- FQLCKIRA	262	228
>CBL-C384R- FQLCKICA	190	>CBL-C384R- FQLCKIRA	559	369
>CBL-C384R- FQLCKICA	487	>CBL-C384R- FQLCKIRA	1303	816
>CBL-C384R- TFQLCKIC	20809	>CBL-C384R- TFQLCKIR	100	20709
>CBL-C384R- TFQLCKIC	34593	>CBL-C384R- TFQLCKIR	296	34297
>CBL-C384R- TFQLCKIC	34645	>CBL-C384R- TFQLCKIR	81	34564
>CBL-C384R- STFQLCKIC	21211	>CBL-C384R- STFQLCKIR	143	21068
>CBL-C384R- STFQLCKIC	24426	>CBL-C384R- STFQLCKIR	18	24408
>CBL-C384R- STFQLCKICA	306	>CBL-C384R- STFQLCKIRA	286	20
>CBL-C384R- STFQLCKIC	195	>CBL-C384R- STFQLCKIR	125	70
>CBL-C384R- STFQLCKIC	6948	>CBL-C384R- STFQLCKIR	75	6873
>CBL-C384R- STFQLCKIC	33971	>CBL-C384R- STFQLCKIR	115	33856
>CBL-C384Y- ICAENDKDVK	18594	>CBL-C384Y- IYAENDKDVK	164	18430
>CBL-C384Y- ICAENDKDVK	18159	>CBL-C384Y- IYAENDKDVK	361	17798
>CBL-C384Y- ICAENDKDVK	23592	>CBL-C384Y- IYAENDKDVK	66	23526
>CBL-C384Y- MGSTFQLCKI	31239	>CBL-C384Y- MGSTFQLCKI	178	31061
>CBL-C384Y- MGSTFQLCKI	17203	>CBL-C384Y- MGSTFQLCKI	120	17083
>CBL-C384Y- MGSTFQLCKI	18282	>CBL-C384Y- MGSTFQLCKI	220	18062
>CBL-C384Y- KICAENDKDV	1782	>CBL-C384Y- KIYAENDKDV	310	1472
>CBL-C384Y- KICAENDKDV	1280	>CBL-C384Y- KIYAENDKDV	101	1179
>CBL-C384Y- KICAENDKDV	4431	>CBL-C384Y- KIYAENDKDV	111	4320
>CBL-C384Y- KICAENDKDV	591	>CBL-C384Y- KIYAENDKDV	63	528
>CBL-C384Y- KICAENDK	915	>CBL-C384Y- KIYAENDK	52	863
>CBL-C384Y- KICAENDKDV	2488	>CBL-C384Y- KIYAENDKDV	90	2398

>CBL-C384Y- KICAENDK	232	>CBL-C384Y- KIYAENDK	65	167
>CBL-C384Y- KICAENDKDV	227	>CBL-C384Y- KIYAENDKDV	69	158
>CBL-C384Y- KICAENDK	499	>CBL-C384Y- KIYAENDK	172	327
>CBL-C384Y- KICAENDKDV	1419	>CBL-C384Y- KIYAENDKDV	475	944
>CBL-C384Y- FQLCKICA	131	>CBL-C384Y- FQLCKIYA	30	101
>CBL-C384Y- FQLCKICA	2166	>CBL-C384Y- FQLCKIYA	252	1914
>CBL-C384Y- FQLCKICA	1099	>CBL-C384Y- FQLCKIYA	222	877
>CBL-C384Y- FQLCKICA	17	>CBL-C384Y- FQLCKIYA	5	12
>CBL-C384Y- FQLCKICAE	300	>CBL-C384Y- FQLCKIYAE	197	103
>CBL-C384Y- FQLCKICA	490	>CBL-C384Y- FQLCKIYA	35	455
>CBL-C384Y- FQLCKICA	190	>CBL-C384Y- FQLCKIYA	41	149
>CBL-C384Y- FQLCKICA	948	>CBL-C384Y- FQLCKIYA	382	566
>CBL-C384Y- FQLCKICA	487	>CBL-C384Y- FQLCKIYA	434	53
>CBL-C384Y- TFQLCKIC	24182	>CBL-C384Y- TFQLCKIY	389	23793
>CBL-C384Y- STFQLCKICA	2371	>CBL-C384Y- STFQLCKIYA	287	2084
>CBL-C384Y- STFQLCKICA	2941	>CBL-C384Y- STFQLCKIYA	471	2470
>CBL-C384Y- STFQLCKICA	2174	>CBL-C384Y- STFQLCKIYA	387	1787
>CBL-C384Y- STFQLCKICA	775	>CBL-C384Y- STFQLCKIYA	174	601
>CBL-C384Y- STFQLCKIC	22297	>CBL-C384Y- STFQLCKIY	102	22195
>CBL-C384Y- STFQLCKIC	25229	>CBL-C384Y- STFQLCKIY	88	25141
>CBL-C384Y- STFQLCKIC	24426	>CBL-C384Y- STFQLCKIY	329	24097
>CBL-C384Y- STFQLCKICA	306	>CBL-C384Y- STFQLCKIYA	65	241
>CBL-C384Y- STFQLCKIC	19055	>CBL-C384Y- STFQLCKIY	265	18790
>CBL-C384Y- STFQLCKIC	10151	>CBL-C384Y- STFQLCKIY	183	9968
>CBL-C384Y- STFQLCKIC	12131	>CBL-C384Y- STFQLCKIY	8	12123
>CBL-C384Y- STFQLCKIC	195	>CBL-C384Y- STFQLCKIY	2	193
>CBL-C384Y- STFQLCKICA	2593	>CBL-C384Y- STFQLCKIYA	469	2124
>CBL-C384Y- STFQLCKIC	6948	>CBL-C384Y- STFQLCKIY	379	6569
>CBL-C384Y- STFQLCKICAE	1617	>CBL-C384Y- STFQLCKIYAE	496	1121
>CBL-C384Y- GSTFQLCKIC	19113	>CBL-C384Y- GSTFQLCKIY	89	19024
>CBL-C384Y- GSTFQLCKIC	19362	>CBL-C384Y- GSTFQLCKIY	81	19281
>CBL-C396G- IEPGCHLM	36	>CBL-C396G- IEPGGHLM	74	38
>CBL-C396G- IEPGCHLM	544	>CBL-C396G- IEPGGHLM	382	162
>CBL-C396G- KIEPCGHLM	184	>CBL-C396G- KIEPGGHLM	327	143
>CBL-C396G- VKIEPCGHL	436	>CBL-C396G- VKIEPGGHL	241	195
>CBL-C396G- VKIEPCGHLM	127	>CBL-C396G- VKIEPGGHLM	89	38
>CBL-C396R- IEPGCHLM	36	>CBL-C396R- IEPRGHLM	55	19
>CBL-C396R- IEPGCHLM	544	>CBL-C396R- IEPRGHLM	158	386
>CBL-C396R- KIEPCGHLM	184	>CBL-C396R- KIEPRGHLM	686	502
>CBL-C396R- VKIEPCGHL	436	>CBL-C396R- VKIEPRGHL	560	124
>CBL-C396R- VKIEPCGHLM	127	>CBL-C396R- VKIEPRGHLM	140	13
>CBL-C396R- KDVKIEPC	31269	>CBL-C396R- KDVKIEPR	107	31162
>CBL-C396Y- PCGHLMCTS(	25067	>CBL-C396Y- PYGHLMCTS(	432	24635



>CBL-C396Y-IEPCGHLM	36	>CBL-C396Y-IEPYGHLM	17	19
>CBL-C396Y-IEPCGHLM	544	>CBL-C396Y-IEPYGHLM	106	438
>CBL-C396Y-KIEPCGHLM	184	>CBL-C396Y-KIEPYGHLM	372	188
>CBL-C396Y-VKIEPCGHL	436	>CBL-C396Y-VKIEPYGHL	246	190
>CBL-C396Y-VKIEPCGHLM	127	>CBL-C396Y-VKIEPYGHLM	65	62
>CBL-C401S-CTSCLTSW	2524	>CBL-C401S-STSCLTSW	201	2323
>CBL-C401S-CTSCLTSWQ	644	>CBL-C401S-STSCLTSWQ	280	364
>CBL-C401S-CTSCLTSW	27	>CBL-C401S-STSCLTSW	13	14
>CBL-C401S-CTSCLTSW	196	>CBL-C401S-STSCLTSW	159	37
>CBL-C401S-CTSCLTSW	20	>CBL-C401S-STSCLTSW	33	13
>CBL-C401S-CTSCLTSWQ	202	>CBL-C401S-STSCLTSWQ	16	186
>CBL-C401S-MCTSCLTSW	931	>CBL-C401S-MSTSCLTSW	6	925
>CBL-C401S-MCTSCLTSW	176	>CBL-C401S-MSTSCLTSW	60	116
>CBL-C401S-MCTSCLTSW	2801	>CBL-C401S-MSTSCLTSW	44	2757
>CBL-C401S-MCTSCLTSW	259	>CBL-C401S-MSTSCLTSW	9	250
>CBL-C401S-MCTSCLTSW	110	>CBL-C401S-MSTSCLTSW	18	92
>CBL-C401S-MCTSCLTSW	520	>CBL-C401S-MSTSCLTSW	332	188
>CBL-C401S-MCTSCLTSW	238	>CBL-C401S-MSTSCLTSW	25	213
>CBL-C401S-LMCTSCLT	2109	>CBL-C401S-LMSTSCLT	291	1818
>CBL-C401S-LMCTSCLT	1461	>CBL-C401S-LMSTSCLT	242	1219
>CBL-C401S-LMCTSCLT	230	>CBL-C401S-LMSTSCLT	92	138
>CBL-C401S-LMCTSCLTSM	432	>CBL-C401S-LMSTSCLTSM	166	266
>CBL-C401S-LMCTSCLTSM	128	>CBL-C401S-LMSTSCLTSM	120	8
>CBL-C401S-LMCTSCLTSM	167	>CBL-C401S-LMSTSCLTSM	55	112
>CBL-C401S-LMCTSCLTSM	82	>CBL-C401S-LMSTSCLTSM	75	7
>CBL-C401S-LMCTSCLTSM	1440	>CBL-C401S-LMSTSCLTSM	375	1065
>CBL-C401S-LMCTSCLTSM	61	>CBL-C401S-LMSTSCLTSM	19	42
>CBL-C401S-LMCTSCLTSM	135	>CBL-C401S-LMSTSCLTSM	134	1
>CBL-C401S-HLMCTSCL	36	>CBL-C401S-HLMSTSCLT	43	7
>CBL-C401S-HLMCTSCLT	450	>CBL-C401S-HLMSTSCLT	411	39
>CBL-C401S-HLMCTSCL	8	>CBL-C401S-HLMSTSCLT	7	1
>CBL-C401S-HLMCTSCLT	160	>CBL-C401S-HLMSTSCLT	82	78
>CBL-C401S-HLMCTSCLTS	1133	>CBL-C401S-HLMSTSCLT	465	668
>CBL-C401S-HLMCTSCL	38	>CBL-C401S-HLMSTSCLT	36	2
>CBL-C401S-HLMCTSCLT	176	>CBL-C401S-HLMSTSCLT	186	10
>CBL-C401S-HLMCTSCLTS	860	>CBL-C401S-HLMSTSCLT	371	489
>CBL-C401S-HLMCTSCL	413	>CBL-C401S-HLMSTSCLT	695	282
>CBL-C401S-HLMCTSCL	81	>CBL-C401S-HLMSTSCLT	73	8
>CBL-C401S-HLMCTSCLT	338	>CBL-C401S-HLMSTSCLT	377	39
>CBL-C401S-HLMCTSCL	5	>CBL-C401S-HLMSTSCLT	8	3
>CBL-C401S-HLMCTSCLT	64	>CBL-C401S-HLMSTSCLT	336	272
>CBL-C401S-HLMCTSCL	122	>CBL-C401S-HLMSTSCLT	58	64
>CBL-C401S-HLMCTSCL	8	>CBL-C401S-HLMSTSCLT	5	3

>CBL-C401S-1 HLMCTSCLT	550	>CBL-C401S-1 HLMSTSCLT	256	294
>CBL-C401S-1 HLMCTSCL	32	>CBL-C401S-1 HLMSTSCL	10	22
>CBL-C401S-1 HLMCTSCLT	460	>CBL-C401S-1 HLMSTSCLT	54	406
>CBL-C401S-1 HLMCTSCLTS	123	>CBL-C401S-1 HLMSTSCLTS	127	4
>CBL-C401S-1 HLMCTSCL	130	>CBL-C401S-1 HLMSTSCL	216	86
>CBL-C401S-1 HLMCTSCL	501	>CBL-C401S-1 HLMSTSCL	430	71
>CBL-C401S-1 HLMCTSCLTS	228	>CBL-C401S-1 HLMSTSCLTS	234	6
>CBL-C401S-1 HLMCTSCL	966	>CBL-C401S-1 HLMSTSCL	432	534
>CBL-C401S-1 HLMCTSCL	153	>CBL-C401S-1 HLMSTSCL	92	61
>CBL-C401S-1 HLMCTSCLTS	267	>CBL-C401S-1 HLMSTSCLTS	247	20
>CBL-C401S-1 HLMCTSCLTS	129	>CBL-C401S-1 HLMSTSCLTS	65	64
>CBL-C401S-1 HLMCTSCL	75	>CBL-C401S-1 HLMSTSCL	24	51
>CBL-C401S-1 HLMCTSCLTS	640	>CBL-C401S-1 HLMSTSCLTS	262	378
>CBL-C401S-1 HLMCTSCLTS	85	>CBL-C401S-1 HLMSTSCLTS	43	42
>CBL-C401S-1 GHLMCTSCL	876	>CBL-C401S-1 GHLMSTSCL	375	501
>CBL-C401S-1 GHLMCTSCL	134	>CBL-C401S-1 GHLMSTSCL	125	9
>CBL-C404R- CLTSWQES	1911	>CBL-C404R- RLTSWQES	396	1515
>CBL-C404R- CLTSWQESEC	584	>CBL-C404R- RLTSWQESEC	116	468
>CBL-C404R- EPCGHLMCT!	36746	>CBL-C404R- EPCGHLMCT!	269	36477
>CBL-C404R- EPCGHLMCT!	40302	>CBL-C404R- EPCGHLMCT!	249	40053
>CBL-C404R- TSCLTSWQES	11765	>CBL-C404R- TSRLTSWQES	188	11577
>CBL-C404R- CTSCLTSW	27	>CBL-C404R- CTSRLTSW	24	3
>CBL-C404R- CTSCLTSW	196	>CBL-C404R- CTSRLTSW	69	127
>CBL-C404R- CTSCLTSW	20	>CBL-C404R- CTSRLTSW	15	5
>CBL-C404R- CTSCLTSWQ	202	>CBL-C404R- CTSRLTSWQ	370	168
>CBL-C404R- MCTSCLTSW	931	>CBL-C404R- MCTSRLTSW	396	535
>CBL-C404R- MCTSCLTSW	176	>CBL-C404R- MCTSRLTSW	1364	1188
>CBL-C404R- MCTSCLTSW	259	>CBL-C404R- MCTSRLTSW	632	373
>CBL-C404R- MCTSCLTSW	110	>CBL-C404R- MCTSRLTSW	482	372
>CBL-C404R- MCTSCLTSW	238	>CBL-C404R- MCTSRLTSW	1623	1385
>CBL-C404R- LMCTSCLT	230	>CBL-C404R- LMCTSRLT	2226	1996
>CBL-C404R- LMCTSCLTSW	432	>CBL-C404R- LMCTSRLTSW	292	140
>CBL-C404R- LMCTSCLTSW	128	>CBL-C404R- LMCTSRLTSW	170	42
>CBL-C404R- LMCTSCLTSW	167	>CBL-C404R- LMCTSRLTSW	171	4
>CBL-C404R- LMCTSCLTSW	82	>CBL-C404R- LMCTSRLTSW	66	16
>CBL-C404R- LMCTSCLTSW	61	>CBL-C404R- LMCTSRLTSW	77	16
>CBL-C404R- LMCTSCLTSW	135	>CBL-C404R- LMCTSRLTSW	185	50
>CBL-C404R- HLMCTSCL	36	>CBL-C404R- HLMCTSRL	56	20
>CBL-C404R- HLMCTSCLT	450	>CBL-C404R- HLMCTSRLT	4640	4190
>CBL-C404R- HLMCTSCL	8	>CBL-C404R- HLMCTSRL	10	2
>CBL-C404R- HLMCTSCLT	160	>CBL-C404R- HLMCTSRLT	1010	850
>CBL-C404R- HLMCTSCL	38	>CBL-C404R- HLMCTSRL	16	22
>CBL-C404R- HLMCTSCLT	176	>CBL-C404R- HLMCTSRLT	336	160

>CBL-C404R- HLMCTSCL	413	>CBL-C404R- HLMCTSRL	709	296
>CBL-C404R- HLMCTSCL	81	>CBL-C404R- HLMCTSRL	34	47
>CBL-C404R- HLMCTSCLT	338	>CBL-C404R- HLMCTSRLT	2239	1901
>CBL-C404R- HLMCTSCL	5	>CBL-C404R- HLMCTSRL	7	2
>CBL-C404R- HLMCTSCLT	64	>CBL-C404R- HLMCTSRLT	761	697
>CBL-C404R- HLMCTSCL	122	>CBL-C404R- HLMCTSRL	408	286
>CBL-C404R- HLMCTSCL	8	>CBL-C404R- HLMCTSRL	19	11
>CBL-C404R- HLMCTSCL	32	>CBL-C404R- HLMCTSRL	17	15
>CBL-C404R- HLMCTSCLT	460	>CBL-C404R- HLMCTSRLT	8322	7862
>CBL-C404R- HLMCTSCLTS	123	>CBL-C404R- HLMCTSRLTS	98	25
>CBL-C404R- HLMCTSCL	823	>CBL-C404R- HLMCTSRL	462	361
>CBL-C404R- HLMCTSCL	130	>CBL-C404R- HLMCTSRL	391	261
>CBL-C404R- HLMCTSCLTS	228	>CBL-C404R- HLMCTSRLTS	378	150
>CBL-C404R- HLMCTSCL	153	>CBL-C404R- HLMCTSRL	462	309
>CBL-C404R- HLMCTSCLTS	267	>CBL-C404R- HLMCTSRLTS	442	175
>CBL-C404R- HLMCTSCLTS	129	>CBL-C404R- HLMCTSRLTS	115	14
>CBL-C404R- HLMCTSCL	75	>CBL-C404R- HLMCTSRL	386	311
>CBL-C404R- HLMCTSCLTS	85	>CBL-C404R- HLMCTSRLTS	323	238
>CBL-C404R- GHLMCTSCL	134	>CBL-C404R- GHLMCTSRL	840	706
>CBL-C404S-1 CLTSWQES	1911	>CBL-C404S-1 SLTSWQES	114	1797
>CBL-C404S-1 CLTSWQESEC	584	>CBL-C404S-1 SLTSWQESEC	38	546
>CBL-C404S-1 CTSCLTSWQ	644	>CBL-C404S-1 CTSSLTSWQ	358	286
>CBL-C404S-1 CTSCLTSW	27	>CBL-C404S-1 CTSSLTSW	14	13
>CBL-C404S-1 CTSCLTSW	196	>CBL-C404S-1 CTSSLTSW	90	106
>CBL-C404S-1 CTSCLTSW	20	>CBL-C404S-1 CTSSLTSW	14	6
>CBL-C404S-1 CTSCLTSWQ	202	>CBL-C404S-1 CTSSLTSWQ	106	96
>CBL-C404S-1 MCTSCLTSW	931	>CBL-C404S-1 MCTSSLTSW	121	810
>CBL-C404S-1 MCTSCLTSW	176	>CBL-C404S-1 MCTSSLTSW	584	408
>CBL-C404S-1 MCTSCLTSW	259	>CBL-C404S-1 MCTSSLTSW	147	112
>CBL-C404S-1 MCTSCLTSW	110	>CBL-C404S-1 MCTSSLTSW	250	140
>CBL-C404S-1 MCTSCLTSW	238	>CBL-C404S-1 MCTSSLTSW	228	10
>CBL-C404S-1 LMCTSCLT	1461	>CBL-C404S-1 LMCTSSLT	485	976
>CBL-C404S-1 LMCTSCLT	230	>CBL-C404S-1 LMCTSSLT	436	206
>CBL-C404S-1 LMCTSCLTSM	432	>CBL-C404S-1 LMCTSSLTSM	257	175
>CBL-C404S-1 LMCTSCLTSM	128	>CBL-C404S-1 LMCTSSLTSM	74	54
>CBL-C404S-1 LMCTSCLTSM	167	>CBL-C404S-1 LMCTSSLTSM	78	89
>CBL-C404S-1 LMCTSCLTSM	82	>CBL-C404S-1 LMCTSSLTSM	21	61
>CBL-C404S-1 LMCTSCLTSM	61	>CBL-C404S-1 LMCTSSLTSM	34	27
>CBL-C404S-1 LMCTSCLTSM	135	>CBL-C404S-1 LMCTSSLTSM	157	22
>CBL-C404S-1 HLMCTSCL	36	>CBL-C404S-1 HLMCTSSL	26	10
>CBL-C404S-1 HLMCTSCLT	450	>CBL-C404S-1 HLMCTSSLT	960	510
>CBL-C404S-1 HLMCTSCL	8	>CBL-C404S-1 HLMCTSSL	6	2
>CBL-C404S-1 HLMCTSCLT	160	>CBL-C404S-1 HLMCTSSLT	105	55

>CBL-C404S-1 HLMCTSCL	38	>CBL-C404S-1 HLMCTSSL	7	31
>CBL-C404S-1 HLMCTSCLT	176	>CBL-C404S-1 HLMCTSSLT	36	140
>CBL-C404S-1 HLMCTSCL	413	>CBL-C404S-1 HLMCTSSL	133	280
>CBL-C404S-1 HLMCTSCL	81	>CBL-C404S-1 HLMCTSSL	26	55
>CBL-C404S-1 HLMCTSCLT	338	>CBL-C404S-1 HLMCTSSLT	973	635
>CBL-C404S-1 HLMCTSCL	5	>CBL-C404S-1 HLMCTSSL	4	1
>CBL-C404S-1 HLMCTSCLT	64	>CBL-C404S-1 HLMCTSSLT	108	44
>CBL-C404S-1 HLMCTSCLTS	742	>CBL-C404S-1 HLMCTSSLTS	363	379
>CBL-C404S-1 HLMCTSCL	122	>CBL-C404S-1 HLMCTSSL	187	65
>CBL-C404S-1 HLMCTSCL	8	>CBL-C404S-1 HLMCTSSL	9	1
>CBL-C404S-1 HLMCTSCL	32	>CBL-C404S-1 HLMCTSSL	10	22
>CBL-C404S-1 HLMCTSCLT	460	>CBL-C404S-1 HLMCTSSLT	1458	998
>CBL-C404S-1 HLMCTSCL	1811	>CBL-C404S-1 HLMCTSSL	188	1623
>CBL-C404S-1 HLMCTSCLTS	123	>CBL-C404S-1 HLMCTSSLTS	142	19
>CBL-C404S-1 HLMCTSCL	823	>CBL-C404S-1 HLMCTSSL	340	483
>CBL-C404S-1 HLMCTSCL	1659	>CBL-C404S-1 HLMCTSSL	322	1337
>CBL-C404S-1 HLMCTSCL	130	>CBL-C404S-1 HLMCTSSL	96	34
>CBL-C404S-1 HLMCTSCL	501	>CBL-C404S-1 HLMCTSSL	134	367
>CBL-C404S-1 HLMCTSCLTS	228	>CBL-C404S-1 HLMCTSSLTS	182	46
>CBL-C404S-1 HLMCTSCL	966	>CBL-C404S-1 HLMCTSSL	295	671
>CBL-C404S-1 HLMCTSCLTS	1462	>CBL-C404S-1 HLMCTSSLTS	447	1015
>CBL-C404S-1 HLMCTSCL	153	>CBL-C404S-1 HLMCTSSL	52	101
>CBL-C404S-1 HLMCTSCLTS	267	>CBL-C404S-1 HLMCTSSLTS	143	124
>CBL-C404S-1 HLMCTSCLTS	129	>CBL-C404S-1 HLMCTSSLTS	58	71
>CBL-C404S-1 HLMCTSCL	75	>CBL-C404S-1 HLMCTSSL	50	25
>CBL-C404S-1 HLMCTSCLTS	85	>CBL-C404S-1 HLMCTSSLTS	88	3
>CBL-C404S-1 GHLMCTSCL	876	>CBL-C404S-1 GHLMCTSSL	281	595
>CBL-C404S-1 GHLMCTSCL	134	>CBL-C404S-1 GHLMCTSSL	83	51
>CBL-C404Y-1 CLTSWQES	7391	>CBL-C404Y-1 YLTSWQES	410	6981
>CBL-C404Y-1 CLTSWQESEC	5449	>CBL-C404Y-1 YLTSWQESEC	272	5177
>CBL-C404Y-1 CLTSWQES	5437	>CBL-C404Y-1 YLTSWQES	88	5349
>CBL-C404Y-1 CLTSWQESEC	9995	>CBL-C404Y-1 YLTSWQESEC	341	9654
>CBL-C404Y-1 CLTSWQESEC	6767	>CBL-C404Y-1 YLTSWQESEC	141	6626
>CBL-C404Y-1 CLTSWQES	12471	>CBL-C404Y-1 YLTSWQES	300	12171
>CBL-C404Y-1 CLTSWQESEC	10919	>CBL-C404Y-1 YLTSWQESEC	204	10715
>CBL-C404Y-1 CLTSWQES	1911	>CBL-C404Y-1 YLTSWQES	13	1898
>CBL-C404Y-1 CLTSWQESE	8835	>CBL-C404Y-1 YLTSWQESE	52	8783
>CBL-C404Y-1 CLTSWQESEC	8522	>CBL-C404Y-1 YLTSWQESEC	50	8472
>CBL-C404Y-1 CLTSWQESEC	584	>CBL-C404Y-1 YLTSWQESEC	7	577
>CBL-C404Y-1 SCLTSWQES	31940	>CBL-C404Y-1 SYLTSWQES	422	31518
>CBL-C404Y-1 EPCGHLMCT!	20893	>CBL-C404Y-1 EPCGHLMCT!	114	20779
>CBL-C404Y-1 EPCGHLMCT!	5531	>CBL-C404Y-1 EPCGHLMCT!	25	5506
>CBL-C404Y-1 CTSCLTSWQ	644	>CBL-C404Y-1 CTSYLTSWQ	268	376

>CBL-C404Y- CTSCLT SW	27	>CBL-C404Y- CTSYLTSW	17	10
>CBL-C404Y- CTSCLT SW	196	>CBL-C404Y- CTSYLTSW	102	94
>CBL-C404Y- CTSCLT SW	20	>CBL-C404Y- CTSYLTSW	15	5
>CBL-C404Y- CTSCLT SWQ	202	>CBL-C404Y- CTSYLTSWQ	173	29
>CBL-C404Y- MCTSCLT SW	931	>CBL-C404Y- MCTSYLTSW	454	477
>CBL-C404Y- MCTSCLT SW	176	>CBL-C404Y- MCTSYLTSW	605	429
>CBL-C404Y- MCTSCLT SW	259	>CBL-C404Y- MCTSYLTSW	205	54
>CBL-C404Y- MCTSCLT SW	110	>CBL-C404Y- MCTSYLTSW	225	115
>CBL-C404Y- MCTSCLT SW	520	>CBL-C404Y- MCTSYLTSW	452	68
>CBL-C404Y- MCTSCLT SW	238	>CBL-C404Y- MCTSYLTSW	75	163
>CBL-C404Y- LMCTSCLT	2109	>CBL-C404Y- LMCTS YLT	490	1619
>CBL-C404Y- LMCTSCLT	906	>CBL-C404Y- LMCTS YLT	445	461
>CBL-C404Y- LMCTSCLT	230	>CBL-C404Y- LMCTS YLT	410	180
>CBL-C404Y- LMCTSCLT SW	432	>CBL-C404Y- LMCTS YLT SW	349	83
>CBL-C404Y- LMCTSCLT SW	128	>CBL-C404Y- LMCTS YLT SW	123	5
>CBL-C404Y- LMCTSCLT SW	167	>CBL-C404Y- LMCTS YLT SW	89	78
>CBL-C404Y- LMCTSCLT SW	82	>CBL-C404Y- LMCTS YLT SW	53	29
>CBL-C404Y- LMCTSCLT SW	61	>CBL-C404Y- LMCTS YLT SW	39	22
>CBL-C404Y- LMCTSCLT SW	135	>CBL-C404Y- LMCTS YLT SW	115	20
>CBL-C404Y- HLMCTSCL	36	>CBL-C404Y- HLMCTS YL	11	25
>CBL-C404Y- HLMCTSCLT	450	>CBL-C404Y- HLMCTS YLT	42	408
>CBL-C404Y- HLMCTSCL	8	>CBL-C404Y- HLMCTS YL	3	5
>CBL-C404Y- HLMCTSCLT	160	>CBL-C404Y- HLMCTS YLT	20	140
>CBL-C404Y- HLMCTSCL	38	>CBL-C404Y- HLMCTS YL	8	30
>CBL-C404Y- HLMCTSCLT	176	>CBL-C404Y- HLMCTS YLT	139	37
>CBL-C404Y- HLMCTSCL	413	>CBL-C404Y- HLMCTS YL	52	361
>CBL-C404Y- HLMCTSCL	81	>CBL-C404Y- HLMCTS YL	6	75
>CBL-C404Y- HLMCTSCLT	338	>CBL-C404Y- HLMCTS YLT	237	101
>CBL-C404Y- HLMCTSCL	5	>CBL-C404Y- HLMCTS YL	3	2
>CBL-C404Y- HLMCTSCLT	64	>CBL-C404Y- HLMCTS YLT	19	45
>CBL-C404Y- HLMCTSCLTS	742	>CBL-C404Y- HLMCTS YLTS	290	452
>CBL-C404Y- HLMCTSCL	122	>CBL-C404Y- HLMCTS YL	56	66
>CBL-C404Y- HLMCTSCL	8	>CBL-C404Y- HLMCTS YL	3	5
>CBL-C404Y- HLMCTSCLT	550	>CBL-C404Y- HLMCTS YLT	204	346
>CBL-C404Y- HLMCTSCL	32	>CBL-C404Y- HLMCTS YL	9	23
>CBL-C404Y- HLMCTSCLT	460	>CBL-C404Y- HLMCTS YLT	1638	1178
>CBL-C404Y- HLMCTSCLTS	123	>CBL-C404Y- HLMCTS YLTS	51	72
>CBL-C404Y- HLMCTSCL	823	>CBL-C404Y- HLMCTS YL	70	753
>CBL-C404Y- HLMCTSCL	1659	>CBL-C404Y- HLMCTS YL	102	1557
>CBL-C404Y- HLMCTSCL	130	>CBL-C404Y- HLMCTS YL	411	281
>CBL-C404Y- HLMCTSCL	501	>CBL-C404Y- HLMCTS YL	413	88
>CBL-C404Y- HLMCTSCLTS	228	>CBL-C404Y- HLMCTS YLTS	258	30
>CBL-C404Y- HLMCTSCL	153	>CBL-C404Y- HLMCTS YL	156	3

>CBL-C404Y- HLMCTSCLTS	267	>CBL-C404Y- HLMCTSCLTS	238	29
>CBL-C404Y- HLMCTSCLTS	129	>CBL-C404Y- HLMCTSCLTS	113	16
>CBL-C404Y- HLMCTSCL	75	>CBL-C404Y- HLMCTSCL	282	207
>CBL-C404Y- HLMCTSCLTS	85	>CBL-C404Y- HLMCTSCLTS	71	14
>CBL-C404Y- GHLMCTSC	11075	>CBL-C404Y- GHLMCTSC	110	10965
>CBL-C404Y- GHLMCTSCL	134	>CBL-C404Y- GHLMCTSCL	998	864
>CBL-C416Y- CPFCRCEI	442	>CBL-C416Y- YPFCRCEI	68	374
>CBL-C416Y- CPFCRCEI	3240	>CBL-C416Y- YPFCRCEI	184	3056
>CBL-C416Y- CPFCRCEI	1039	>CBL-C416Y- YPFCRCEI	178	861
>CBL-C416Y- CPFCRCEI	2002	>CBL-C416Y- YPFCRCEI	218	1784
>CBL-C416Y- CPFCRCEI	509	>CBL-C416Y- YPFCRCEI	327	182
>CBL-C416Y- CPFCRCEI	417	>CBL-C416Y- YPFCRCEI	384	33
>CBL-C416Y- CPFCRCEIKG	4716	>CBL-C416Y- YPFCRCEIKG	458	4258
>CBL-C416Y- CPFCRCEI	267	>CBL-C416Y- YPFCRCEI	1259	992
>CBL-C416Y- GCPFCRCEI	22084	>CBL-C416Y- GYPFCRCEI	401	21683
>CBL-C416Y- GCPFCRCEI	16537	>CBL-C416Y- GYPFCRCEI	15	16522
>CBL-C416Y- TSWQESEGO	33228	>CBL-C416Y- TSWQESEGO	466	32762
>CBL-C416Y- TSWQESEGO	25995	>CBL-C416Y- TSWQESEGO	177	25818
>CBL-C416Y- TSWQESEGO	27158	>CBL-C416Y- TSWQESEGO	162	26996
>CBL-C416Y- TSWQESEGO	20298	>CBL-C416Y- TSWQESEGO	490	19808
>CBL-C416Y- TSWQESEGO	14202	>CBL-C416Y- TSWQESEGO	325	13877
>CBL-C416Y- TSWQESEGO	8175	>CBL-C416Y- TSWQESEGO	9	8166
>CBL-C416Y- TSWQESEGO	17301	>CBL-C416Y- TSWQESEGO	144	17157
>CBL-C416Y- TSWQESEGO	17853	>CBL-C416Y- TSWQESEGO	425	17428
>CBL-C416Y- QGCPFCRC	8844	>CBL-C416Y- QGYPCRC	229	8615
>CBL-C416Y- QGCPFCRCEI	3031	>CBL-C416Y- QGYPCRC	232	2799
>CBL-C416Y- GQGCPFCR	173	>CBL-C416Y- GQGYPCRC	103	70
>CBL-C416Y- EGQGCPFCR	508	>CBL-C416Y- EGQGYPCRC	256	252
>CBL-C416Y- EGQGCPFCR	239	>CBL-C416Y- EGQGYPCRC	1128	889
>CBL-C416Y- SEGQGCPF	150	>CBL-C416Y- SEGQGYPC	259	109
>CBL-C416Y- SEGQGCPF	290	>CBL-C416Y- SEGQGYPC	40	250
>CBL-C416Y- SEGQGCPF	201	>CBL-C416Y- SEGQGYPC	131	70
>CBL-C416Y- SEGQGCPF	313	>CBL-C416Y- SEGQGYPC	132	181
>CBL-C416Y- SEGQGCPF	1276	>CBL-C416Y- SEGQGYPC	275	1001
>CBL-C416Y- SEGQGCPFC	62	>CBL-C416Y- SEGQGYPC	35	27
>CBL-C416Y- SEGQGCPFC	296	>CBL-C416Y- SEGQGYPC	217	79
>CBL-C416Y- ESEGQGCPF	2129	>CBL-C416Y- ESEGQGYPC	460	1669
>CBL-C416Y- ESEGQGCPFC	522	>CBL-C416Y- ESEGQGYPC	356	166
>CBL-C416Y- ESEGQGCPFC	59	>CBL-C416Y- ESEGQGYPC	40	19
>CBL-C416Y- ESEGQGCPF	32	>CBL-C416Y- ESEGQGYPC	49	17
>CBL-C416Y- ESEGQGCPF	616	>CBL-C416Y- ESEGQGYPC	144	472
>CBL-C416Y- QESEGQGC	170	>CBL-C416Y- QESEGQGY	218	48
>CBL-C416Y- QESEGQGCPI	374	>CBL-C416Y- QESEGQGYPI	618	244

>CBL-C416Y-QESEGQGCPI	271	>CBL-C416Y-QESEGQGYPI	386	115
>CBL-C416Y-QESEGQGC	8828	>CBL-C416Y-QESEGQGY	64	8764
>CBL-C416Y-QESEGQGCPI	2198	>CBL-C416Y-QESEGQGYPI	228	1970
>CBL-C416Y-QESEGQGC	6683	>CBL-C416Y-QESEGQGY	378	6305
>CBL-C416Y-QESEGQGCPI	3573	>CBL-C416Y-QESEGQGYPI	398	3175
>CBL-C416Y-QESEGQGC	10509	>CBL-C416Y-QESEGQGY	291	10218
>CBL-C416Y-QESEGQGCPI	187	>CBL-C416Y-QESEGQGYPI	150	37
>CBL-C416Y-WQESEGQGC	18114	>CBL-C416Y-WQESEGQGY	165	17949
>CBL-C416Y-WQESEGQGC	61	>CBL-C416Y-WQESEGQGY	83	22
>CBL-C416Y-WQESEGQGC	14868	>CBL-C416Y-WQESEGQGY	60	14808
>CBL-C416Y-WQESEGQGC	93	>CBL-C416Y-WQESEGQGY	93	0
>CBL-C416Y-WQESEGQGC	9222	>CBL-C416Y-WQESEGQGY	93	9129
>CBL-C416Y-WQESEGQGC	12	>CBL-C416Y-WQESEGQGY	13	1
>CBL-C416Y-WQESEGQGC	2466	>CBL-C416Y-WQESEGQGY	447	2019
>CBL-C416Y-WQESEGQGC	517	>CBL-C416Y-WQESEGQGY	208	309
>CBL-C416Y-WQESEGQGC	1051	>CBL-C416Y-WQESEGQGY	343	708
>CBL-C416Y-SWQESEGQGC	32708	>CBL-C416Y-SWQESEGQGC	474	32234
>CBL-C416Y-SWQESEGQGC	27770	>CBL-C416Y-SWQESEGQGC	218	27552
>CBL-C416Y-SWQESEGQGC	26232	>CBL-C416Y-SWQESEGQGC	376	25856
>CBL-C416Y-SWQESEGQGC	585	>CBL-C416Y-SWQESEGQGC	205	380
>CBL-C419R-CRCEIKGTEPI	4240	>CBL-C419R-RRCEIKGTEPI	262	3978
>CBL-C419R-CRCEIKGT	8425	>CBL-C419R-RRCEIKGT	157	8268
>CBL-C419R-CRCEIKGTEPI	12775	>CBL-C419R-RRCEIKGTEPI	164	12611
>CBL-C419R-CRCEIKGT	1844	>CBL-C419R-RRCEIKGT	477	1367
>CBL-C419R-CRCEIKGTEPI	1829	>CBL-C419R-RRCEIKGTEPI	97	1732
>CBL-C419R-CRCEIKGTEPI	393	>CBL-C419R-RRCEIKGTEPI	490	97
>CBL-C419R-QESEGQGCPI	187	>CBL-C419R-QESEGQGCPI	1566	1379
>CBL-C419R-PFCRCEIK	12314	>CBL-C419R-PFRRCEIK	346	11968
>CBL-C419R-CPFCRCEI	442	>CBL-C419R-CPFRRCEI	437	5
>CBL-C419R-CPFCRCEI	1039	>CBL-C419R-CPFRRCEI	419	620
>CBL-C419R-CPFCRCEI	417	>CBL-C419R-CPFRRCEI	760	343
>CBL-C419R-CPFCRCEI	267	>CBL-C419R-CPFRRCEI	316	49
>CBL-C419R-GQGCPFCR	173	>CBL-C419R-GQGCPFRR	166	7
>CBL-C419R-EGQGCPFC	40826	>CBL-C419R-EGQGCPFR	260	40566
>CBL-C419R-EGQGCPFC	35503	>CBL-C419R-EGQGCPFR	303	35200
>CBL-C419R-EGQGCPFCR	239	>CBL-C419R-EGQGCPFRR	136	103
>CBL-C419R-SEGQGCPCF	62	>CBL-C419R-SEGQGCPCFR	534	472
>CBL-C419R-SEGQGCPCFF	296	>CBL-C419R-SEGQGCPCFRF	135	161
>CBL-C419R-SEGQGCPCFF	689	>CBL-C419R-SEGQGCPCFRF	421	268
>CBL-C419R-ESEGQGCPCF	38417	>CBL-C419R-ESEGQGCPCFF	323	38094
>CBL-C419R-ESEGQGCPCF	59	>CBL-C419R-ESEGQGCPCFF	58	1
>CBL-E366K-EQYELYCEM	229	>CBL-E366K-KQYELYCEM	49	180
>CBL-E366K-EQYELYCEM	9781	>CBL-E366K-KQYELYCEM	82	9699

>CBL-E366K- EQYELYCEM	5061	>CBL-E366K- KQYELYCEM	394	4667
>CBL-E366K- EQYELYCEM	355	>CBL-E366K- KQYELYCEM	10	345
>CBL-E366K- EQYELYCEM	4196	>CBL-E366K- KQYELYCEM	137	4059
>CBL-E366K- EQYELYCEM	639	>CBL-E366K- KQYELYCEM	46	593
>CBL-E366K- EQYELYCEM	3405	>CBL-E366K- KQYELYCEM	168	3237
>CBL-E366K- EQYELYCEM	300	>CBL-E366K- KQYELYCEM	10731	10431
>CBL-E366K- EQYELYCEM	122	>CBL-E366K- KQYELYCEM	47	75
>CBL-E366K- EQYELYCEM	70	>CBL-E366K- KQYELYCEM	9	61
>CBL-E366K- EQYELYCEM	1819	>CBL-E366K- KQYELYCEM	250	1569
>CBL-E366K- QEQYELYCEM	119	>CBL-E366K- KQYELYCEM	8888	8769
>CBL-E366K- QEQYELYCEM	2988	>CBL-E366K- KQYELYCEM	91	2897
>CBL-E366K- QEQYELYCEM	257	>CBL-E366K- KQYELYCEM	27213	26956
>CBL-E366K- QEQYELYCEM	280	>CBL-E366K- KQYELYCEM	12513	12233
>CBL-E366K- QEQYELYCEM	249	>CBL-E366K- KQYELYCEM	17057	16808
>CBL-E366K- QEQYELYC	487	>CBL-E366K- KQYELYC	29594	29107
>CBL-E366K- QEQYELYCEM	295	>CBL-E366K- KQYELYCEM	15317	15022
>CBL-E366K- TQEQYELY	1191	>CBL-E366K- KQYELY	75	1116
>CBL-E366K- TQEQYELYCE	2351	>CBL-E366K- KQYELYCE	87	2264
>CBL-E366K- TQEQYELY	1514	>CBL-E366K- KQYELY	89	1425
>CBL-E366K- TQEQYELYCE	1901	>CBL-E366K- KQYELYCE	172	1729
>CBL-E366K- VTQEQYELY	37	>CBL-E366K- KQYELY	73	36
>CBL-E366K- VTQEQYEL	478	>CBL-E366K- KQYELY	3915	3437
>CBL-E366K- VTQEQYELY	452	>CBL-E366K- KQYELY	636	184
>CBL-E366K- VTQEQYELY	57	>CBL-E366K- KQYELY	117	60
>CBL-E366K- VTQEQYELY	363	>CBL-E366K- KQYELY	367	4
>CBL-E366K- VTQEQYELY	132	>CBL-E366K- KQYELY	41	91
>CBL-E366K- VTQEQYEL	77	>CBL-E366K- KQYELY	130	53
>CBL-E366K- VTQEQYELY	28	>CBL-E366K- KQYELY	72	44
>CBL-E366K- VTQEQYELY	63	>CBL-E366K- KQYELY	18	45
>CBL-E366K- KVTQEQYEL	155	>CBL-E366K- KQYELY	331	176
>CBL-E366K- KVTQEQYEL	230	>CBL-E366K- KQYELY	170	60
>CBL-E366K- KVTQEQYELY	17	>CBL-E366K- KQYELY	14	3
>CBL-E366K- KVTQEQYEL	315	>CBL-E366K- KQYELY	844	529
>CBL-E366K- KVTQEQYELY	94	>CBL-E366K- KQYELY	154	60
>CBL-E366K- IKVTQEQY	13	>CBL-E366K- KQYELY	9	4
>CBL-E366K- IKVTQEQYEL	36	>CBL-E366K- KQYELY	57	21
>CBL-E366K- IKVTQEQYEL	13	>CBL-E366K- KQYELY	13	0
>CBL-E366K- HIKVTQEQY	1320	>CBL-E366K- KQYELY	186	1134
>CBL-E366K- HIKVTQEQYE	424	>CBL-E366K- KQYELY	146	278
>CBL-E366K- HIKVTQEQYE	1556	>CBL-E366K- KQYELY	360	1196
>CBL-E366K- HIKVTQEQY	303	>CBL-E366K- KQYELY	818	515
>CBL-E366K- HIKVTQEQY	509	>CBL-E366K- KQYELY	377	132
>CBL-E366K- HIKVTQEQY	1105	>CBL-E366K- KQYELY	329	776



>CBL-E366K-l HIKVTQEYQ	198	>CBL-E366K-l HIKVTQKQY	219	21
>CBL-F418L-l WQESEGQGC	1574	>CBL-F418L-r WQESEGQGC	347	1227
>CBL-F418L-l WQESEGQGC	61	>CBL-F418L-r WQESEGQGC	586	525
>CBL-F418L-l WQESEGQGC	93	>CBL-F418L-r WQESEGQGC	1193	1100
>CBL-F418L-l WQESEGQGC	12	>CBL-F418L-r WQESEGQGC	194	182
>CBL-F418L-l WQESEGQGC	1051	>CBL-F418L-r WQESEGQGC	43	1008
>CBL-F418L-l CPFCRCEI	442	>CBL-F418L-r CPLCRCEI	1627	1185
>CBL-F418L-l CPFCRCEI	509	>CBL-F418L-r CPLCRCEI	483	26
>CBL-F418L-l CPFCRCEI	645	>CBL-F418L-r CPLCRCEI	489	156
>CBL-F418L-l CPFCRCEI	417	>CBL-F418L-r CPLCRCEI	585	168
>CBL-F418L-l CPFCRCEI	267	>CBL-F418L-r CPLCRCEI	1093	826
>CBL-F418L-l GQGCPFCR	173	>CBL-F418L-r GQGCPCLR	1782	1609
>CBL-F418L-l EGQGCPCFR	239	>CBL-F418L-r EGQGCPLCR	197	42
>CBL-F418L-l SEGQGCPCF	1314	>CBL-F418L-r SEGQGCPL	246	1068
>CBL-F418L-l SEGQGCPCF	150	>CBL-F418L-r SEGQGCPL	3262	3112
>CBL-F418L-l SEGQGCPCF	290	>CBL-F418L-r SEGQGCPL	3451	3161
>CBL-F418L-l SEGQGCPCF	1547	>CBL-F418L-r SEGQGCPL	263	1284
>CBL-F418L-l SEGQGCPCF	201	>CBL-F418L-r SEGQGCPL	62	139
>CBL-F418L-l SEGQGCPCF	313	>CBL-F418L-r SEGQGCPL	2047	1734
>CBL-F418L-l SEGQGCPCFC	62	>CBL-F418L-r SEGQGCPLC	163	101
>CBL-F418L-l SEGQGCPCFC	296	>CBL-F418L-r SEGQGCPLCF	773	477
>CBL-F418L-l ESEGQGCPCFC	59	>CBL-F418L-r ESEGQGCPLC	209	150
>CBL-F418L-l ESEGQGCPCF	32	>CBL-F418L-r ESEGQGCPL	266	234
>CBL-F418L-l QESEGQGCPC	1419	>CBL-F418L-r QESEGQGCPC	435	984
>CBL-F418L-l QESEGQGCPC	374	>CBL-F418L-r QESEGQGCPC	5258	4884
>CBL-F418L-l QESEGQGCPC	271	>CBL-F418L-r QESEGQGCPC	3337	3066
>CBL-F418L-l QESEGQGCPC	187	>CBL-F418L-r QESEGQGCPC	417	230
>CBL-F418S-l WQESEGQGC	61	>CBL-F418S-r WQESEGQGC	7868	7807
>CBL-F418S-l WQESEGQGC	93	>CBL-F418S-r WQESEGQGC	10720	10627
>CBL-F418S-l WQESEGQGC	12	>CBL-F418S-r WQESEGQGC	5046	5034
>CBL-F418S-l CPFCRCEI	442	>CBL-F418S-r CPSCRCEI	8428	7986
>CBL-F418S-l CPFCRCEI	645	>CBL-F418S-r CPSCRCEI	393	252
>CBL-F418S-l CPFCRCEI	417	>CBL-F418S-r CPSCRCEI	2275	1858
>CBL-F418S-l CPFCRCEI	267	>CBL-F418S-r CPSCRCEI	1624	1357
>CBL-F418S-l GQGCPFCR	173	>CBL-F418S-r GQGCPSCR	1450	1277
>CBL-F418S-l EGQGCPCFR	239	>CBL-F418S-r EGQGCPCSCR	2052	1813
>CBL-F418S-l SEGQGCPCF	150	>CBL-F418S-r SEGQGCPCS	15480	15330
>CBL-F418S-l SEGQGCPCF	290	>CBL-F418S-r SEGQGCPCS	13712	13422
>CBL-F418S-l SEGQGCPCF	201	>CBL-F418S-r SEGQGCPCS	1209	1008
>CBL-F418S-l SEGQGCPCF	313	>CBL-F418S-r SEGQGCPCS	9026	8713
>CBL-F418S-l SEGQGCPCF	1276	>CBL-F418S-r SEGQGCPCS	390	886
>CBL-F418S-l SEGQGCPCFC	62	>CBL-F418S-r SEGQGCPCSC	72	10
>CBL-F418S-l SEGQGCPCFC	296	>CBL-F418S-r SEGQGCPCSCF	703	407

>CBL-F418S-\ESEGQGCPC	59	>CBL-F418S-†ESEGQGCPC	85	26
>CBL-F418S-\ESEGQGCPC	32	>CBL-F418S-†ESEGQGCPC	17569	17537
>CBL-F418S-\QESEGQGCPC	374	>CBL-F418S-†QESEGQGCPC	17352	16978
>CBL-F418S-\QESEGQGCPC	271	>CBL-F418S-†QESEGQGCPC	20772	20501
>CBL-F418S-\QESEGQGCPC	187	>CBL-F418S-†QESEGQGCPC	222	35
>CBL-G375P-GSTFQLCK	35	>CBL-G375P-PSTFQLCK	1344	1309
>CBL-G375P-GSTFQLCKI	434	>CBL-G375P-PSTFQLCKI	9208	8774
>CBL-G375P-GSTFQLCK	195	>CBL-G375P-PSTFQLCK	2940	2745
>CBL-G375P-MGSTFQLCK	78	>CBL-G375P-MPSTFQLCK	1216	1138
>CBL-G375P-MGSTFQLCK	283	>CBL-G375P-MPSTFQLCK	280	3
>CBL-G375P-MGSTFQLCKI	23142	>CBL-G375P-MPSTFQLCKI	418	22724
>CBL-G375P-MGSTFQLCKI	24960	>CBL-G375P-MPSTFQLCKI	48	24912
>CBL-G375P-EMGSTFQL	283	>CBL-G375P-EMPSTFQL	267	16
>CBL-G375P-EMGSTFQL	40	>CBL-G375P-EMPSTFQL	59	19
>CBL-G375P-EMGSTFQLCI	89	>CBL-G375P-EMPSTFQLCK	129	40
>CBL-G375P-EMGSTFQL	211	>CBL-G375P-EMPSTFQL	1068	857
>CBL-G375P-EMGSTFQLCI	493	>CBL-G375P-EMPSTFQLCK	2058	1565
>CBL-G375P-EMGSTFQL	75	>CBL-G375P-EMPSTFQL	115	40
>CBL-G375P-EMGSTFQLCI	245	>CBL-G375P-EMPSTFQLCK	408	163
>CBL-G375P-EMGSTFQL	13	>CBL-G375P-EMPSTFQL	48	35
>CBL-G375P-EMGSTFQLCI	166	>CBL-G375P-EMPSTFQLCK	769	603
>CBL-G375P-EMGSTFQL	18	>CBL-G375P-EMPSTFQL	22	4
>CBL-G375P-EMGSTFQLCI	174	>CBL-G375P-EMPSTFQLCK	195	21
>CBL-G375P-EMGSTFQLCI	354	>CBL-G375P-EMPSTFQLCK	507	153
>CBL-G375P-EMGSTFQLCI	412	>CBL-G375P-EMPSTFQLCK	186	226
>CBL-G375P-EMGSTFQLCI	1526	>CBL-G375P-EMPSTFQLCK	294	1232
>CBL-G375P-EMGSTFQL	85	>CBL-G375P-EMPSTFQL	271	186
>CBL-G375P-EMGSTFQLCI	360	>CBL-G375P-EMPSTFQLCK	1135	775
>CBL-G375P-EMGSTFQLC	26108	>CBL-G375P-EMPSTFQLC	370	25738
>CBL-G375P-CEMGSTFQL	357	>CBL-G375P-CEMPSTFQL	116	241
>CBL-G375P-CEMGSTFQL	195	>CBL-G375P-CEMPSTFQL	368	173
>CBL-G375P-CEMGSTFQL	137	>CBL-G375P-CEMPSTFQL	292	155
>CBL-G375P-CEMGSTFQL	21	>CBL-G375P-CEMPSTFQL	94	73
>CBL-G375P-CEMGSTFQL	61	>CBL-G375P-CEMPSTFQL	127	66
>CBL-G375P-CEMGSTFQL	256	>CBL-G375P-CEMPSTFQL	202	54
>CBL-G375P-CEMGSTFQL	163	>CBL-G375P-CEMPSTFQL	265	102
>CBL-G375P-CEMGSTFQ	316	>CBL-G375P-CEMPSTFQ	789	473
>CBL-G375P-CEMGSTFQL	109	>CBL-G375P-CEMPSTFQL	330	221
>CBL-G375P-CEMGSTFQLC	140	>CBL-G375P-CEMPSTFQLC	340	200
>CBL-G375P-CEMGSTFQL	12	>CBL-G375P-CEMPSTFQL	9	3
>CBL-G375P-YCEMGSTF	304	>CBL-G375P-YCEMPSTF	549	245
>CBL-G375P-LYCEMGSTF	29	>CBL-G375P-LYCEMPSTF	36	7
>CBL-G375P-LYCEMGSTFC	46	>CBL-G375P-LYCEMPSTFC	44	2

>CBL-G375P- LYCEMGSTF	119	>CBL-G375P- LYCEMPSTF	31	88
>CBL-G375P- LYCEMGSTFC	404	>CBL-G375P- LYCEMPSTFC	142	262
>CBL-G375P- LYCEMGSTF	94	>CBL-G375P- LYCEMPSTF	35	59
>CBL-G375P- LYCEMGSTFC	343	>CBL-G375P- LYCEMPSTFC	180	163
>CBL-G375P- LYCEMGSTF	6	>CBL-G375P- LYCEMPSTF	7	1
>CBL-G375P- LYCEMGSTFC	7	>CBL-G375P- LYCEMPSTFC	8	1
>CBL-G375P- LYCEMGSTF	359	>CBL-G375P- LYCEMPSTF	538	179
>CBL-G375P- LYCEMGSTF	124	>CBL-G375P- LYCEMPSTF	499	375
>CBL-G375P- ELYCEMGST	2018	>CBL-G375P- ELYCEMPST	433	1585
>CBL-G375P- ELYCEMGSTF	202	>CBL-G375P- ELYCEMPSTF	309	107
>CBL-G375P- ELYCEMGSTF	71	>CBL-G375P- ELYCEMPSTF	51	20
>CBL-G375P- ELYCEMGSTF	414	>CBL-G375P- ELYCEMPSTF	550	136
>CBL-G375P- ELYCEMGSTF	734	>CBL-G375P- ELYCEMPSTF	187	547
>CBL-G375P- ELYCEMGST	1704	>CBL-G375P- ELYCEMPST	226	1478
>CBL-G375P- ELYCEMGSTF	87	>CBL-G375P- ELYCEMPSTF	155	68
>CBL-G375P- ELYCEMGSTF	104	>CBL-G375P- ELYCEMPSTF	313	209
>CBL-G375P- ELYCEMGSTF	45	>CBL-G375P- ELYCEMPSTF	28	17
>CBL-G375P- ELYCEMGSTF	342	>CBL-G375P- ELYCEMPSTF	279	63
>CBL-G375P- YELYCEMGST	471	>CBL-G375P- YELYCEMPST	492	21
>CBL-G375P- YELYCEMGST	920	>CBL-G375P- YELYCEMPST	362	558
>CBL-G375P- YELYCEMGST	7	>CBL-G375P- YELYCEMPST	6	1
>CBL-G375P- YELYCEMGST	2115	>CBL-G375P- YELYCEMPST	411	1704
>CBL-G375P- YELYCEMGST	8	>CBL-G375P- YELYCEMPST	9	1
>CBL-G375P- YELYCEMGST	504	>CBL-G375P- YELYCEMPST	357	147
>CBL-G375P- YELYCEMGST	49	>CBL-G375P- YELYCEMPST	84	35
>CBL-G375P- YELYCEMGST	1752	>CBL-G375P- YELYCEMPST	280	1472
>CBL-G375P- YELYCEMGST	158	>CBL-G375P- YELYCEMPST	122	36
>CBL-G375P- YELYCEMGST	139	>CBL-G375P- YELYCEMPST	145	6
>CBL-G375P- YELYCEMGST	112	>CBL-G375P- YELYCEMPST	138	26
>CBL-G375P- YELYCEMGST	59	>CBL-G375P- YELYCEMPST	103	44
>CBL-G375P- YELYCEMGST	120	>CBL-G375P- YELYCEMPST	92	28
>CBL-G375P- YELYCEMGST	22	>CBL-G375P- YELYCEMPST	18	4
>CBL-G375S- GSTFQLCK	35	>CBL-G375S- SSTFQLCK	18	17
>CBL-G375S- GSTFQLCK	1311	>CBL-G375S- SSTFQLCK	221	1090
>CBL-G375S- GSTFQLCK	1184	>CBL-G375S- SSTFQLCK	153	1031
>CBL-G375S- GSTFQLCKI	434	>CBL-G375S- SSTFQLCKI	227	207
>CBL-G375S- GSTFQLCK	195	>CBL-G375S- SSTFQLCK	138	57
>CBL-G375S- GSTFQLCKI	759	>CBL-G375S- SSTFQLCKI	166	593
>CBL-G375S- MGSTFQLCK	732	>CBL-G375S- MSSTFQLCK	66	666
>CBL-G375S- MGSTFQLCK	78	>CBL-G375S- MSSTFQLCK	10	68
>CBL-G375S- MGSTFQLCK	839	>CBL-G375S- MSSTFQLCK	33	806
>CBL-G375S- MGSTFQLCK	283	>CBL-G375S- MSSTFQLCK	16	267
>CBL-G375S- MGSTFQLCKI	7599	>CBL-G375S- MSSTFQLCKI	133	7466

>CBL-G375S- MGSTFQLCKI	12248	>CBL-G375S- MSSTFQLCKI	112	12136
>CBL-G375S- MGSTFQLCKI	2858	>CBL-G375S- MSSTFQLCKI	61	2797
>CBL-G375S- MGSTFQLCKI	3254	>CBL-G375S- MSSTFQLCKI	180	3074
>CBL-G375S- MGSTFQLCK	1386	>CBL-G375S- MSSTFQLCK	173	1213
>CBL-G375S- MGSTFQLCKI	2151	>CBL-G375S- MSSTFQLCKI	35	2116
>CBL-G375S- QEQYELYCEN	934	>CBL-G375S- QEQYELYCEN	280	654
>CBL-G375S- EMGSTFQL	283	>CBL-G375S- EMSSTFQL	31	252
>CBL-G375S- EMGSTFQLCI	2986	>CBL-G375S- EMSSTFQLCK	404	2582
>CBL-G375S- EMGSTFQL	40	>CBL-G375S- EMSSTFQL	67	27
>CBL-G375S- EMGSTFQLCI	89	>CBL-G375S- EMSSTFQLCK	147	58
>CBL-G375S- EMGSTFQL	211	>CBL-G375S- EMSSTFQL	339	128
>CBL-G375S- EMGSTFQLCI	493	>CBL-G375S- EMSSTFQLCK	767	274
>CBL-G375S- EMGSTFQL	75	>CBL-G375S- EMSSTFQL	98	23
>CBL-G375S- EMGSTFQLCI	245	>CBL-G375S- EMSSTFQLCK	305	60
>CBL-G375S- EMGSTFQL	13	>CBL-G375S- EMSSTFQL	12	1
>CBL-G375S- EMGSTFQLCI	166	>CBL-G375S- EMSSTFQLCK	140	26
>CBL-G375S- EMGSTFQL	18	>CBL-G375S- EMSSTFQL	12	6
>CBL-G375S- EMGSTFQLCI	174	>CBL-G375S- EMSSTFQLCK	106	68
>CBL-G375S- EMGSTFQLCI	354	>CBL-G375S- EMSSTFQLCK	133	221
>CBL-G375S- EMGSTFQLCI	412	>CBL-G375S- EMSSTFQLCK	61	351
>CBL-G375S- EMGSTFQLCI	1526	>CBL-G375S- EMSSTFQLCK	192	1334
>CBL-G375S- EMGSTFQL	85	>CBL-G375S- EMSSTFQL	69	16
>CBL-G375S- EMGSTFQLCI	360	>CBL-G375S- EMSSTFQLCK	302	58
>CBL-G375S- EMGSTFQL	1901	>CBL-G375S- EMSSTFQL	413	1488
>CBL-G375S- EMGSTFQL	3976	>CBL-G375S- EMSSTFQL	243	3733
>CBL-G375S- CEMGSTFQL	357	>CBL-G375S- CEMSSTFQL	219	138
>CBL-G375S- CEMGSTFQL	195	>CBL-G375S- CEMSSTFQL	493	298
>CBL-G375S- CEMGSTFQL	137	>CBL-G375S- CEMSSTFQL	146	9
>CBL-G375S- CEMGSTFQL	21	>CBL-G375S- CEMSSTFQL	47	26
>CBL-G375S- CEMGSTFQL	61	>CBL-G375S- CEMSSTFQL	95	34
>CBL-G375S- CEMGSTFQ	1176	>CBL-G375S- CEMSSTFQ	380	796
>CBL-G375S- CEMGSTFQL	256	>CBL-G375S- CEMSSTFQL	104	152
>CBL-G375S- CEMGSTFQLC	667	>CBL-G375S- CEMSSTFQLC	283	384
>CBL-G375S- CEMGSTFQL	163	>CBL-G375S- CEMSSTFQL	157	6
>CBL-G375S- CEMGSTFQ	316	>CBL-G375S- CEMSSTFQ	504	188
>CBL-G375S- CEMGSTFQL	109	>CBL-G375S- CEMSSTFQL	209	100
>CBL-G375S- CEMGSTFQLC	140	>CBL-G375S- CEMSSTFQLC	246	106
>CBL-G375S- CEMGSTFQL	12	>CBL-G375S- CEMSSTFQL	6	6
>CBL-G375S- YCEMGSTF	949	>CBL-G375S- YCEMSSTF	436	513
>CBL-G375S- YCEMGSTF	1052	>CBL-G375S- YCEMSSTF	488	564
>CBL-G375S- YCEMGSTF	304	>CBL-G375S- YCEMSSTF	221	83
>CBL-G375S- LYCEMGSTF	29	>CBL-G375S- LYCEMSSTF	20	9
>CBL-G375S- LYCEMGSTFC	46	>CBL-G375S- LYCEMSSTFQ	36	10

>CBL-G375S- LYCEMGSTF	119	>CBL-G375S- LYCEMSSTF	68	51
>CBL-G375S- LYCEMGSTFC	404	>CBL-G375S- LYCEMSSTFQ	253	151
>CBL-G375S- LYCEMGSTF	94	>CBL-G375S- LYCEMSSTF	50	44
>CBL-G375S- LYCEMGSTFC	343	>CBL-G375S- LYCEMSSTFQ	234	109
>CBL-G375S- LYCEMGSTF	6	>CBL-G375S- LYCEMSSTF	5	1
>CBL-G375S- LYCEMGSTFC	7	>CBL-G375S- LYCEMSSTFQ	7	0
>CBL-G375S- LYCEMGSTF	359	>CBL-G375S- LYCEMSSTF	422	63
>CBL-G375S- LYCEMGSTF	124	>CBL-G375S- LYCEMSSTF	163	39
>CBL-G375S- ELYCEMGST	714	>CBL-G375S- ELYCEMSST	252	462
>CBL-G375S- ELYCEMGSTF	202	>CBL-G375S- ELYCEMSSTF	275	73
>CBL-G375S- ELYCEMGSTF	71	>CBL-G375S- ELYCEMSSTF	70	1
>CBL-G375S- ELYCEMGSTF	414	>CBL-G375S- ELYCEMSSTF	572	158
>CBL-G375S- ELYCEMGSTF	734	>CBL-G375S- ELYCEMSSTF	194	540
>CBL-G375S- ELYCEMGSTF	623	>CBL-G375S- ELYCEMSSTF	318	305
>CBL-G375S- ELYCEMGSTF	87	>CBL-G375S- ELYCEMSSTF	59	28
>CBL-G375S- ELYCEMGSTF	104	>CBL-G375S- ELYCEMSSTF	98	6
>CBL-G375S- ELYCEMGSTF	45	>CBL-G375S- ELYCEMSSTF	20	25
>CBL-G375S- ELYCEMGSTF	342	>CBL-G375S- ELYCEMSSTF	132	210
>CBL-G375S- YELYCEMGST	471	>CBL-G375S- YELYCEMSST	192	279
>CBL-G375S- YELYCEMGST	514	>CBL-G375S- YELYCEMSST	335	179
>CBL-G375S- YELYCEMGST	7	>CBL-G375S- YELYCEMSST	6	1
>CBL-G375S- YELYCEMGST	8	>CBL-G375S- YELYCEMSST	7	1
>CBL-G375S- YELYCEMGST	504	>CBL-G375S- YELYCEMSST	250	254
>CBL-G375S- YELYCEMGST	49	>CBL-G375S- YELYCEMSST	60	11
>CBL-G375S- YELYCEMGST	1752	>CBL-G375S- YELYCEMSST	414	1338
>CBL-G375S- YELYCEMGST	158	>CBL-G375S- YELYCEMSST	127	31
>CBL-G375S- YELYCEMGST	139	>CBL-G375S- YELYCEMSST	131	8
>CBL-G375S- YELYCEMGST	112	>CBL-G375S- YELYCEMSST	124	12
>CBL-G375S- YELYCEMGST	59	>CBL-G375S- YELYCEMSST	51	8
>CBL-G375S- YELYCEMGST	120	>CBL-G375S- YELYCEMSST	81	39
>CBL-G375S- YELYCEMGST	22	>CBL-G375S- YELYCEMSST	16	6
>CBL-G415V- QGCPFCRCEI	6440	>CBL-G415V- QVCPFCRCEI	186	6254
>CBL-G415V- QGCPFCRCEI	7142	>CBL-G415V- QVCPFCRCEI	182	6960
>CBL-G415V- QGCPFCRCEI	1123	>CBL-G415V- QVCPFCRCEI	114	1009
>CBL-G415V- LTSWQESEGC	25702	>CBL-G415V- LTSWQESEGC	269	25433
>CBL-G415V- LTSWQESEGC	34973	>CBL-G415V- LTSWQESEGC	58	34915
>CBL-G415V- LTSWQESEGC	6526	>CBL-G415V- LTSWQESEGC	389	6137
>CBL-G415V- GQGCPFCRCI	1019	>CBL-G415V- GQVCPFCRCI	88	931
>CBL-G415V- GQGCPFCR	173	>CBL-G415V- GQVCPFCR	98	75
>CBL-G415V- GQGCPFCRCI	852	>CBL-G415V- GQVCPFCRCI	159	693
>CBL-G415V- EGQGCPFCR	239	>CBL-G415V- EGQVCPFCR	783	544
>CBL-G415V- SEGQGCPF	150	>CBL-G415V- SEGQVCPF	194	44
>CBL-G415V- SEGQGCPF	290	>CBL-G415V- SEGQVCPF	220	70

>CBL-G415V- SEGQGCPF	201	>CBL-G415V- SEGQVCPF	200	1
>CBL-G415V- SEGQGCPF	313	>CBL-G415V- SEGQVCPF	174	139
>CBL-G415V- SEGQGCPFC	62	>CBL-G415V- SEGQVCPFC	88	26
>CBL-G415V- SEGQGCPFCF	296	>CBL-G415V- SEGQVCPFCF	385	89
>CBL-G415V- ESEGQGCPF	2129	>CBL-G415V- ESEGQVCPF	147	1982
>CBL-G415V- ESEGQGCPFC	522	>CBL-G415V- ESEGQVCPFC	319	203
>CBL-G415V- ESEGQGCPFC	59	>CBL-G415V- ESEGQVCPFC	34	25
>CBL-G415V- ESEGQGCPF	32	>CBL-G415V- ESEGQVCPF	32	0
>CBL-G415V- QESEGQGC	170	>CBL-G415V- QESEGQVC	55	115
>CBL-G415V- QESEGQGCP	374	>CBL-G415V- QESEGQVCP	328	46
>CBL-G415V- QESEGQGCP	271	>CBL-G415V- QESEGQVCP	132	139
>CBL-G415V- QESEGQGC	727	>CBL-G415V- QESEGQVC	251	476
>CBL-G415V- QESEGQGCP	187	>CBL-G415V- QESEGQVCP	125	62
>CBL-G415V- WQESEGQGC	61	>CBL-G415V- WQESEGQVC	49	12
>CBL-G415V- WQESEGQGC	93	>CBL-G415V- WQESEGQVC	208	115
>CBL-G415V- WQESEGQGC	12	>CBL-G415V- WQESEGQVC	11	1
>CBL-G415V- WQESEGQGC	517	>CBL-G415V- WQESEGQVC	475	42
>CBL-G415V- WQESEGQGC	1051	>CBL-G415V- WQESEGQVC	441	610
>CBL-G415V- SWQESEGQC	746	>CBL-G415V- SWQESEGQV	281	465
>CBL-G415V- TSWQESEGG	30425	>CBL-G415V- TSWQESEGG	484	29941
>CBL-G415V- TSWQESEGG	16784	>CBL-G415V- TSWQESEGG	235	16549
>CBL-H398Y- HLMCTSCL	36	>CBL-H398Y- YLMCTSCL	8	28
>CBL-H398Y- HLMCTSCLT	450	>CBL-H398Y- YLMCTSCLT	16	434
>CBL-H398Y- HLMCTSCLTS	690	>CBL-H398Y- YLMCTSCLTS	71	619
>CBL-H398Y- HLMCTSCL	8	>CBL-H398Y- YLMCTSCL	3	5
>CBL-H398Y- HLMCTSCLT	160	>CBL-H398Y- YLMCTSCLT	17	143
>CBL-H398Y- HLMCTSCLTS	1133	>CBL-H398Y- YLMCTSCLTS	142	991
>CBL-H398Y- HLMCTSCLTS	1173	>CBL-H398Y- YLMCTSCLTS'	157	1016
>CBL-H398Y- HLMCTSCL	38	>CBL-H398Y- YLMCTSCL	5	33
>CBL-H398Y- HLMCTSCLT	176	>CBL-H398Y- YLMCTSCLT	11	165
>CBL-H398Y- HLMCTSCLTS	860	>CBL-H398Y- YLMCTSCLTS	106	754
>CBL-H398Y- HLMCTSCLTS	2888	>CBL-H398Y- YLMCTSCLTS'	219	2669
>CBL-H398Y- HLMCTSCL	413	>CBL-H398Y- YLMCTSCL	20	393
>CBL-H398Y- HLMCTSCLT	1100	>CBL-H398Y- YLMCTSCLT	48	1052
>CBL-H398Y- HLMCTSCLTS	3658	>CBL-H398Y- YLMCTSCLTS	200	3458
>CBL-H398Y- HLMCTSCL	81	>CBL-H398Y- YLMCTSCL	4	77
>CBL-H398Y- HLMCTSCLT	338	>CBL-H398Y- YLMCTSCLT	9	329
>CBL-H398Y- HLMCTSCLTS	3073	>CBL-H398Y- YLMCTSCLTS	99	2974
>CBL-H398Y- HLMCTSCL	5	>CBL-H398Y- YLMCTSCL	3	2
>CBL-H398Y- HLMCTSCLT	64	>CBL-H398Y- YLMCTSCLT	8	56
>CBL-H398Y- HLMCTSCLTS	742	>CBL-H398Y- YLMCTSCLTS	76	666
>CBL-H398Y- HLMCTSCLTS	3846	>CBL-H398Y- YLMCTSCLTS'	445	3401
>CBL-H398Y- HLMCTSCL	122	>CBL-H398Y- YLMCTSCL	11	111

>CBL-H398Y- HLMCTSCLT	1152	>CBL-H398Y- YLMCTSCLT	62	1090
>CBL-H398Y- HLMCTSCL	8	>CBL-H398Y- YLMCTSCL	2	6
>CBL-H398Y- HLMCTSCLT	550	>CBL-H398Y- YLMCTSCLT	12	538
>CBL-H398Y- HLMCTSCL	32	>CBL-H398Y- YLMCTSCL	3	29
>CBL-H398Y- HLMCTSCLT	460	>CBL-H398Y- YLMCTSCLT	8	452
>CBL-H398Y- HLMCTSCLTS	5424	>CBL-H398Y- YLMCTSCLTS	145	5279
>CBL-H398Y- HLMCTSCLTS	123	>CBL-H398Y- YLMCTSCLTS'	367	244
>CBL-H398Y- HLMCTSCL	130	>CBL-H398Y- YLMCTSCL	45	85
>CBL-H398Y- HLMCTSCL	501	>CBL-H398Y- YLMCTSCL	136	365
>CBL-H398Y- HLMCTSCLTS	228	>CBL-H398Y- YLMCTSCLTS'	85	143
>CBL-H398Y- HLMCTSCL	966	>CBL-H398Y- YLMCTSCL	380	586
>CBL-H398Y- HLMCTSCL	153	>CBL-H398Y- YLMCTSCL	44	109
>CBL-H398Y- HLMCTSCLTS	267	>CBL-H398Y- YLMCTSCLTS'	64	203
>CBL-H398Y- HLMCTSCLTS	129	>CBL-H398Y- YLMCTSCLTS'	40	89
>CBL-H398Y- HLMCTSCL	75	>CBL-H398Y- YLMCTSCL	64	11
>CBL-H398Y- HLMCTSCLTS	85	>CBL-H398Y- YLMCTSCLTS'	68	17
>CBL-H398Y- HLMCTSCLTS	3254	>CBL-H398Y- YLMCTSCLTS'	439	2815
>CBL-H398Y- GHLMCTSCL	17073	>CBL-H398Y- GYLMCTSCL	276	16797
>CBL-H398Y- GHLMCTSCL	12763	>CBL-H398Y- GYLMCTSCL	117	12646
>CBL-H398Y- GHLMCTSCL	17879	>CBL-H398Y- GYLMCTSCL	78	17801
>CBL-H398Y- GHLMCTSCL	134	>CBL-H398Y- GYLMCTSCL	7439	7305
>CBL-H398Y- IEPCGHLM	36	>CBL-H398Y- IEPCGYLM	81	45
>CBL-H398Y- KIEPCGHL	2127	>CBL-H398Y- KIEPCGYL	449	1678
>CBL-H398Y- KIEPCGHLM	184	>CBL-H398Y- KIEPCGYLM	177	7
>CBL-H398Y- VKIEPCGH	1830	>CBL-H398Y- VKIEPCGY	31	1799
>CBL-H398Y- VKIEPCGHL	436	>CBL-H398Y- VKIEPCGYL	424	12
>CBL-H398Y- VKIEPCGHLM	127	>CBL-H398Y- VKIEPCGYLM	104	23
>CBL-H94Y-ᵐ HLRRTILSR	6395	>CBL-H94Y-ᵐ YLRTILSR	262	6133
>CBL-H94Y-ᵐ HLRRTILSR	153	>CBL-H94Y-ᵐ YLRTILSR	753	600
>CBL-H94Y-ᵐ HLRRTILSR	151	>CBL-H94Y-ᵐ YLRTILSR	627	476
>CBL-H94Y-ᵐ HLRRTILSR	389	>CBL-H94Y-ᵐ YLRTILSR	385	4
>CBL-H94Y-ᵐ HLRRTILSR	153	>CBL-H94Y-ᵐ YLRTILSR	62	91
>CBL-H94Y-ᵐ HLRRTILSR	180	>CBL-H94Y-ᵐ YLRTILSR	24	156
>CBL-H94Y-ᵐ HLRRTILSR	42	>CBL-H94Y-ᵐ YLRTILSR	1015	973
>CBL-H94Y-ᵐ HLRRTILSR	278	>CBL-H94Y-ᵐ YLRTILSR	4247	3969
>CBL-H94Y-ᵐ HLRRTILSR	246	>CBL-H94Y-ᵐ YLRTILSR	3782	3536
>CBL-H94Y-ᵐ HLRRTILSR	64	>CBL-H94Y-ᵐ YLRTILSR	108	44
>CBL-H94Y-ᵐ HLRRTILSR	34	>CBL-H94Y-ᵐ YLRTILSR	161	127
>CBL-H94Y-ᵐ HLRRTILSR	42	>CBL-H94Y-ᵐ YLRTILSR	83	41
>CBL-H94Y-ᵐ HLRRTILSR	398	>CBL-H94Y-ᵐ YLRTILSR	293	105
>CBL-H94Y-ᵐ HLRRTILSR	44	>CBL-H94Y-ᵐ YLRTILSR	24	20
>CBL-H94Y-ᵐ HLRRTILSR	211	>CBL-H94Y-ᵐ YLRTILSR	90	121
>CBL-H94Y-ᵐ HLRRTILSR	137	>CBL-H94Y-ᵐ YLRTILSR	60	77

>CBL-H94Y-m HLRRTILSR	433	>CBL-H94Y-n YLRRTILSR	74	359
>CBL-H94Y-m HLRRTILSR	303	>CBL-H94Y-n YLRRTILSR	108	195
>CBL-H94Y-m HLRRTILSR	13	>CBL-H94Y-n YLRRTILSR	4	9
>CBL-H94Y-m HLRRTILSR	135	>CBL-H94Y-n YLRRTILSR	210	75
>CBL-H94Y-m HLRRTILSR	83	>CBL-H94Y-n YLRRTILSR	337	254
>CBL-H94Y-m QHLRTILSR	22998	>CBL-H94Y-n QYLRTILSR	408	22590
>CBL-H94Y-m QHLRTILSR	18560	>CBL-H94Y-n QYLRTILSR	162	18398
>CBL-H94Y-m QHLRTILSR	4344	>CBL-H94Y-n QYLRTILSR	220	4124
>CBL-H94Y-m QHLRTILSR	1758	>CBL-H94Y-n QYLRTILSR	58	1700
>CBL-H94Y-m QHLRTILSR	822	>CBL-H94Y-n QYLRTILSR	32	790
>CBL-H94Y-m QHLRTILSR	7058	>CBL-H94Y-n QYLRTILSR	131	6927
>CBL-H94Y-m QHLRTILSR	15843	>CBL-H94Y-n QYLRTILSR	227	15616
>CBL-H94Y-m QHLRTILSR	543	>CBL-H94Y-n QYLRTILSR	65	478
>CBL-H94Y-m QHLRTILSR	154	>CBL-H94Y-n QYLRTILSR	1569	1415
>CBL-H94Y-m QHLRTILSR	424	>CBL-H94Y-n QYLRTILSR	25	399
>CBL-H94Y-m ILDLLPDTYQF	15678	>CBL-H94Y-n ILDLLPDTYQY	77	15601
>CBL-H94Y-m ILDLLPDTYQF	5392	>CBL-H94Y-n ILDLLPDTYQY	128	5264
>CBL-H94Y-m ILDLLPDTYQF	16166	>CBL-H94Y-n ILDLLPDTYQY	497	15669
>CBL-H94Y-m ILDLLPDTYQF	14435	>CBL-H94Y-n ILDLLPDTYQY	109	14326
>CBL-H94Y-m ILDLLPDTYQF	19923	>CBL-H94Y-n ILDLLPDTYQY	328	19595
>CBL-H94Y-m YQHLRTIL	3017	>CBL-H94Y-n YQYLRTIL	332	2685
>CBL-H94Y-m YQHLRTIL	1469	>CBL-H94Y-n YQYLRTIL	268	1201
>CBL-H94Y-m YQHLRTIL	595	>CBL-H94Y-n YQYLRTIL	89	506
>CBL-H94Y-m YQHLRTIL	132	>CBL-H94Y-n YQYLRTIL	18	114
>CBL-H94Y-m YQHLRTILS	2280	>CBL-H94Y-n YQYLRTILS	222	2058
>CBL-H94Y-m YQHLRTILSR	2097	>CBL-H94Y-n YQYLRTILSR	388	1709
>CBL-H94Y-m YQHLRTILSR	2564	>CBL-H94Y-n YQYLRTILSR	349	2215
>CBL-H94Y-m YQHLRTILSR	160	>CBL-H94Y-n YQYLRTILSR	37	123
>CBL-H94Y-m YQHLRTILSR	366	>CBL-H94Y-n YQYLRTILSR	53	313
>CBL-H94Y-m YQHLRTILSR	543	>CBL-H94Y-n YQYLRTILSR	142	401
>CBL-H94Y-m YQHLRTILSR	2212	>CBL-H94Y-n YQYLRTILSR	330	1882
>CBL-H94Y-m YQHLRTILSR	164	>CBL-H94Y-n YQYLRTILSR	120	44
>CBL-H94Y-m YQHLRTILSR	367	>CBL-H94Y-n YQYLRTILSR	585	218
>CBL-H94Y-m YQHLRTILSR	666	>CBL-H94Y-n YQYLRTILSR	275	391
>CBL-H94Y-m YQHLRTILSR	71	>CBL-H94Y-n YQYLRTILSR	51	20
>CBL-H94Y-m YQHLRTILSR	111	>CBL-H94Y-n YQYLRTILSR	48	63
>CBL-H94Y-m YQHLRTILSR	33	>CBL-H94Y-n YQYLRTILSR	11	22
>CBL-H94Y-m YQHLRTILSR	199	>CBL-H94Y-n YQYLRTILSR	49	150
>CBL-H94Y-m YQHLRTILSR	21	>CBL-H94Y-n YQYLRTILSR	8	13
>CBL-H94Y-m YQHLRTILSR	1875	>CBL-H94Y-n YQYLRTILSR	240	1635
>CBL-H94Y-m YQHLRTILSR	33	>CBL-H94Y-n YQYLRTILSR	20	13
>CBL-H94Y-m YQHLRTILSR	301	>CBL-H94Y-n YQYLRTILSR	93	208
>CBL-H94Y-m YQHLRTILSR	602	>CBL-H94Y-n YQYLRTILSR	177	425



>CBL-H94Y-m YQHLRTILSR	143	>CBL-H94Y-n YQYLRTILSR	81	62
>CBL-H94Y-m TYQHLRTI	8	>CBL-H94Y-n TYQYLRTI	6	2
>CBL-H94Y-m TYQHLRTIL	8	>CBL-H94Y-n TYQYLRTIL	5	3
>CBL-H94Y-m TYQHLRTI	76	>CBL-H94Y-n TYQYLRTI	60	16
>CBL-H94Y-m TYQHLRTIL	417	>CBL-H94Y-n TYQYLRTIL	366	51
>CBL-H94Y-m TYQHLRTI	102	>CBL-H94Y-n TYQYLRTI	113	11
>CBL-H94Y-m TYQHLRTI	14	>CBL-H94Y-n TYQYLRTI	17	3
>CBL-H94Y-m TYQHLRTIL	42	>CBL-H94Y-n TYQYLRTIL	70	28
>CBL-H94Y-m TYQHLRTILSF	40	>CBL-H94Y-n TYQYLRTILSR	31	9
>CBL-H94Y-m TYQHLRTILSF	56	>CBL-H94Y-n TYQYLRTILSR	41	15
>CBL-H94Y-m TYQHLRTILSF	1033	>CBL-H94Y-n TYQYLRTILSR	433	600
>CBL-H94Y-m TYQHLRTILSF	53	>CBL-H94Y-n TYQYLRTILSR	71	18
>CBL-H94Y-m TYQHLRTIL	1012	>CBL-H94Y-n TYQYLRTIL	461	551
>CBL-H94Y-m DTYQHLRTI	694	>CBL-H94Y-n DTYQYLRTI	134	560
>CBL-H94Y-m DTYQHLRTI	211	>CBL-H94Y-n DTYQYLRTI	364	153
>CBL-H94Y-m DTYQHLRTI	37	>CBL-H94Y-n DTYQYLRTI	133	96
>CBL-H94Y-m DTYQHLRTIL	107	>CBL-H94Y-n DTYQYLRTIL	187	80
>CBL-H94Y-m DTYQHLRTI	876	>CBL-H94Y-n DTYQYLRTI	212	664
>CBL-H94Y-m DTYQHLRTIL	957	>CBL-H94Y-n DTYQYLRTIL	391	566
>CBL-H94Y-m DTYQHLRTI	298	>CBL-H94Y-n DTYQYLRTI	383	85
>CBL-H94Y-m DTYQHLRTIL	1393	>CBL-H94Y-n DTYQYLRTIL	488	905
>CBL-H94Y-m DTYQHLRTI	107	>CBL-H94Y-n DTYQYLRTI	51	56
>CBL-H94Y-m DTYQHLRTIL	513	>CBL-H94Y-n DTYQYLRTIL	275	238
>CBL-H94Y-m DTYQHLRTI	300	>CBL-H94Y-n DTYQYLRTI	162	138
>CBL-H94Y-m DTYQHLRTIL	509	>CBL-H94Y-n DTYQYLRTIL	378	131
>CBL-H94Y-m DTYQHLRTI	77	>CBL-H94Y-n DTYQYLRTI	82	5
>CBL-H94Y-m DTYQHLRTIL	202	>CBL-H94Y-n DTYQYLRTIL	339	137
>CBL-H94Y-m PDYQHLRTI	200	>CBL-H94Y-n PDYQYLRTI	88	112
>CBL-H94Y-m LPDYQHL	141	>CBL-H94Y-n LPDYQYL	27	114
>CBL-H94Y-m LPDYQHLRT	280	>CBL-H94Y-n LPDYQYLRT	323	43
>CBL-H94Y-m LPDYQHL	234	>CBL-H94Y-n LPDYQYL	129	105
>CBL-H94Y-m LPDYQHLRT	88	>CBL-H94Y-n LPDYQYLRT	57	31
>CBL-H94Y-m LLPDYQHL	248	>CBL-H94Y-n LLPDYQYL	33	215
>CBL-H94Y-m LLPDYQHL	23	>CBL-H94Y-n LLPDYQYL	7	16
>CBL-H94Y-m LLPDYQHL	30	>CBL-H94Y-n LLPDYQYL	14	16
>CBL-H94Y-m LLPDYQHRLR	1033	>CBL-H94Y-n LLPDYQYLR	438	595
>CBL-H94Y-m LLPDYQHL	53	>CBL-H94Y-n LLPDYQYL	27	26
>CBL-H94Y-m LLPDYQHL	8	>CBL-H94Y-n LLPDYQYL	2	6
>CBL-H94Y-m LLPDYQHRLR	258	>CBL-H94Y-n LLPDYQYLR	175	83
>CBL-H94Y-m LLPDYQHL	20	>CBL-H94Y-n LLPDYQYL	8	12
>CBL-H94Y-m LLPDYQHL	11	>CBL-H94Y-n LLPDYQYL	8	3
>CBL-H94Y-m LLPDYQHL	64	>CBL-H94Y-n LLPDYQYL	5	59
>CBL-H94Y-m LLPDYQH	1433	>CBL-H94Y-n LLPDYQY	96	1337

>CBL-H94Y-m LLPDTYQHL	2	>CBL-H94Y-n LLPDTYQYL	2	0
>CBL-H94Y-m LLPDTYQHLR	198	>CBL-H94Y-n LLPDTYQYLR	653	455
>CBL-H94Y-m LLPDTYQHLR	15	>CBL-H94Y-n LLPDTYQYLR	13	2
>CBL-H94Y-m LLPDTYQH	5911	>CBL-H94Y-n LLPDTYQY	41	5870
>CBL-H94Y-m LLPDTYQHLR	191	>CBL-H94Y-n LLPDTYQYLR	122	69
>CBL-H94Y-m LLPDTYQHLR	675	>CBL-H94Y-n LLPDTYQYLR	400	275
>CBL-H94Y-m LLPDTYQHLR	267	>CBL-H94Y-n LLPDTYQYLR	81	186
>CBL-H94Y-m LLPDTYQH	11530	>CBL-H94Y-n LLPDTYQY	194	11336
>CBL-H94Y-m LLPDTYQHL	37	>CBL-H94Y-n LLPDTYQYL	7	30
>CBL-H94Y-m LLPDTYQHLR	340	>CBL-H94Y-n LLPDTYQYLR	219	121
>CBL-H94Y-m LLPDTYQHLR	240	>CBL-H94Y-n LLPDTYQYLR	113	127
>CBL-H94Y-m DLLPDTYQHL	1416	>CBL-H94Y-n DLLPDTYQYL	162	1254
>CBL-H94Y-m DLLPDTYQHL	688	>CBL-H94Y-n DLLPDTYQYL	115	573
>CBL-H94Y-m DLLPDTYQHL	1831	>CBL-H94Y-n DLLPDTYQYL	411	1420
>CBL-H94Y-m DLLPDTYQHL	106	>CBL-H94Y-n DLLPDTYQYL	17	89
>CBL-H94Y-m DLLPDTYQHL	109	>CBL-H94Y-n DLLPDTYQYL	36	73
>CBL-H94Y-m DLLPDTYQHL	36	>CBL-H94Y-n DLLPDTYQYL	25	11
>CBL-H94Y-m DLLPDTYQHL	31	>CBL-H94Y-n DLLPDTYQYL	6	25
>CBL-H94Y-m DLLPDTYQHL	21	>CBL-H94Y-n DLLPDTYQYL	13	8
>CBL-H94Y-m DLLPDTYQH	13164	>CBL-H94Y-n DLLPDTYQY	337	12827
>CBL-H94Y-m DLLPDTYQH	1979	>CBL-H94Y-n DLLPDTYQY	15	1964
>CBL-H94Y-m DLLPDTYQH	19771	>CBL-H94Y-n DLLPDTYQY	376	19395
>CBL-H94Y-m DLLPDTYQHL	641	>CBL-H94Y-n DLLPDTYQYL	374	267
>CBL-H94Y-m DLLPDTYQHL	31	>CBL-H94Y-n DLLPDTYQYL	20	11
>CBL-H94Y-m DLLPDTYQHL	113	>CBL-H94Y-n DLLPDTYQYL	118	5
>CBL-H94Y-m DLLPDTYQHL	252	>CBL-H94Y-n DLLPDTYQYL	70	182
>CBL-H94Y-m DLLPDTYQH	6491	>CBL-H94Y-n DLLPDTYQY	454	6037
>CBL-H94Y-m DLLPDTYQHL	161	>CBL-H94Y-n DLLPDTYQYL	92	69
>CBL-H94Y-m LDLLPDTYQH	26172	>CBL-H94Y-n LDLLPDTYQY	395	25777
>CBL-K287R- KPGSYIFRL	377	>CBL-K287R- RPGSYIFRL	97	280
>CBL-K287R- KPGSYIFR	115	>CBL-K287R- RPGSYIFR	102	13
>CBL-K287R- KPGSYIFRL	224	>CBL-K287R- RPGSYIFRL	81	143
>CBL-K287R- KPGSYIFR	42	>CBL-K287R- RPGSYIFR	71	29
>CBL-K287R- HKPGSYIF	21	>CBL-K287R- HRPGSYIF	270	249
>CBL-K287R- HKPGSYIFRL	6475	>CBL-K287R- HRPGSYIFRL	70	6405
>CBL-K287R- HKPGSYIFRL	916	>CBL-K287R- HRPGSYIFRL	300	616
>CBL-K287R- HKPGSYIFRL	13439	>CBL-K287R- HRPGSYIFRL	447	12992
>CBL-K287R- HKPGSYIFR	84	>CBL-K287R- HRPGSYIFR	65	19
>CBL-K287R- IHKPGSYIFR	242	>CBL-K287R- IHRPGSYIFR	204	38
>CBL-K287R- IHKPGSYI	357	>CBL-K287R- IHRPGSYI	172	185
>CBL-K287R- IHKPGSYIF	9	>CBL-K287R- IHRPGSYIF	5	4
>CBL-K287R- IHKPGSYIFRL	929	>CBL-K287R- IHRPGSYIFRL	466	463
>CBL-K287R- IHKPGSYIF	1419	>CBL-K287R- IHRPGSYIF	439	980

>CBL-K287R- IHKPGSYIF	435	>CBL-K287R- IHRPGSYIF	156	279
>CBL-K287R- IHKPGSYIFR	237	>CBL-K287R- IHRPGSYIFR	370	133
>CBL-K287R- FIHKPGSYI	299	>CBL-K287R- FIHRPGSYI	524	225
>CBL-K287R- FIHKPGSYI	33	>CBL-K287R- FIHRPGSYI	32	1
>CBL-K287R- FIHKPGSYI	305	>CBL-K287R- FIHRPGSYI	364	59
>CBL-K287R- FIHKPGSYI	9	>CBL-K287R- FIHRPGSYI	7	2
>CBL-K287R- FIHKPGSYI	454	>CBL-K287R- FIHRPGSYI	788	334
>CBL-K287R- FIHKPGSYI	211	>CBL-K287R- FIHRPGSYI	93	118
>CBL-K287R- FIHKPGSYIFR	492	>CBL-K287R- FIHRPGSYIFR	310	182
>CBL-K287R- FIHKPGSY	243	>CBL-K287R- FIHRPGSY	552	309
>CBL-K287R- FIHKPGSY	379	>CBL-K287R- FIHRPGSY	231	148
>CBL-K287R- FIHKPGSY	266	>CBL-K287R- FIHRPGSY	353	87
>CBL-K287R- FIHKPGSY	73	>CBL-K287R- FIHRPGSY	64	9
>CBL-K287R- FIHKPGSY	411	>CBL-K287R- FIHRPGSY	582	171
>CBL-K287R- FIHKPGSYIFR	129	>CBL-K287R- FIHRPGSYIFR	84	45
>CBL-K287R- FIHKPGSYIFR	159	>CBL-K287R- FIHRPGSYIFR	131	28
>CBL-K287R- FIHKPGSYIFR	13	>CBL-K287R- FIHRPGSYIFR	13	0
>CBL-K287R- FIHKPGSYI	210	>CBL-K287R- FIHRPGSYI	199	11
>CBL-K287R- FIHKPGSY	429	>CBL-K287R- FIHRPGSY	637	208
>CBL-K287R- FIHKPGSY	101	>CBL-K287R- FIHRPGSY	106	5
>CBL-K287R- FIHKPGSYIF	89	>CBL-K287R- FIHRPGSYIF	104	15
>CBL-K287R- FIHKPGSY	34	>CBL-K287R- FIHRPGSY	33	1
>CBL-K287R- FIHKPGSYI	437	>CBL-K287R- FIHRPGSYI	588	151
>CBL-K287R- FIHKPGSYIF	38	>CBL-K287R- FIHRPGSYIF	45	7
>CBL-K287R- FIHKPGSY	252	>CBL-K287R- FIHRPGSY	227	25
>CBL-K287R- FIHKPGSYIF	20	>CBL-K287R- FIHRPGSYIF	19	1
>CBL-K287R- FIHKPGSYI	321	>CBL-K287R- FIHRPGSYI	396	75
>CBL-K287R- FIHKPGSYIFR	118	>CBL-K287R- FIHRPGSYIFR	249	131
>CBL-K287R- FIHKPGSYI	446	>CBL-K287R- FIHRPGSYI	407	39
>CBL-K287R- KFIHKPGSYI	1105	>CBL-K287R- KFIHRPGSYI	338	767
>CBL-K287R- KFIHKPGSYIF	31	>CBL-K287R- KFIHRPGSYIF	32	1
>CBL-K287R- KFIHKPGSYIF	93	>CBL-K287R- KFIHRPGSYIF	68	25
>CBL-K287R- KFIHKPGSYIF	35	>CBL-K287R- KFIHRPGSYIF	33	2
>CBL-K287R- KFIHKPGSY	30	>CBL-K287R- KFIHRPGSY	29	1
>CBL-K287R- KFIHKPGSYIF	295	>CBL-K287R- KFIHRPGSYIF	285	10
>CBL-K287R- KFIHKPGSYI	593	>CBL-K287R- KFIHRPGSYI	318	275
>CBL-K287R- KFIHKPGSY	45	>CBL-K287R- KFIHRPGSY	62	17
>CBL-K287R- KFIHKPGSYIF	292	>CBL-K287R- KFIHRPGSYIF	250	42
>CBL-K287R- KFIHKPGSY	69	>CBL-K287R- KFIHRPGSY	53	16
>CBL-K287R- KFIHKPGSYIF	551	>CBL-K287R- KFIHRPGSYIF	361	190
>CBL-K287R- KFIHKPGSYI	118	>CBL-K287R- KFIHRPGSYI	167	49
>CBL-K287R- QKFIHKPGSY	114	>CBL-K287R- QKFIHRPGSY	119	5
>CBL-K287R- QKFIHKPGSY	16	>CBL-K287R- QKFIHRPGSY	10	6

>CBL-K287R-QKFIHKPGSY	30	>CBL-K287R-QKFIHRPGSY	19	11
>CBL-K287R-LQKFIHKPGS'	81	>CBL-K287R-LQKFIHRPGS'	72	9
>CBL-K287R-LQKFIHKPG	345	>CBL-K287R-LQKFIHRPG	235	110
>CBL-K287R-LQKFIHKPGS'	46	>CBL-K287R-LQKFIHRPGS'	42	4
>CBL-K287R-LQKFIHKPGS'	557	>CBL-K287R-LQKFIHRPGS'	423	134
>CBL-K287R-LQKFIHKPGS'	26	>CBL-K287R-LQKFIHRPGS'	25	1
>CBL-K287R-RLQKFIHK	40	>CBL-K287R-RLQKFIHR	276	236
>CBL-K287R-RLQKFIHK	25	>CBL-K287R-RLQKFIHR	683	658
>CBL-K287R-RLQKFIHK	23	>CBL-K287R-RLQKFIHR	2342	2319
>CBL-K287R-RLQKFIHK	32	>CBL-K287R-RLQKFIHR	8	24
>CBL-K287R-RLQKFIHK	82	>CBL-K287R-RLQKFIHR	19	63
>CBL-K287R-ARLQKFIHK	40	>CBL-K287R-ARLQKFIHR	59	19
>CBL-K287R-ARLQKFIHK	67	>CBL-K287R-ARLQKFIHR	341	274
>CBL-K287R-ARLQKFIHK	359	>CBL-K287R-ARLQKFIHR	647	288
>CBL-K287R-ARLQKFIHK	2880	>CBL-K287R-ARLQKFIHR	106	2774
>CBL-K287R-KARLQKFIHK	140	>CBL-K287R-KARLQKFIHR	2216	2076
>CBL-K287R-KARLQKFIHK	270	>CBL-K287R-KARLQKFIHR	3212	2942
>CBL-K287R-KARLQKFIHK	3	>CBL-K287R-KARLQKFIHR	9	6
>CBL-K287R-KARLQKFIHK	184	>CBL-K287R-KARLQKFIHR	184	0
>CBL-K287R-KARLQKFIHK	123	>CBL-K287R-KARLQKFIHR	10	113
>CBL-K287R-KARLQKFIHK	943	>CBL-K287R-KARLQKFIHR	49	894
>CBL-K382E-KICAENDK	232	>CBL-K382E-EICAENDK	3782	3550
>CBL-K382E-KICAENDKDV	227	>CBL-K382E-EICAENDKDV	3725	3498
>CBL-K382E-KICAENDK	499	>CBL-K382E-EICAENDK	15662	15163
>CBL-K382E-KICAENDK	7238	>CBL-K382E-EICAENDK	66	7172
>CBL-K382E-KICAENDKDV	7017	>CBL-K382E-EICAENDKDV	68	6949
>CBL-K382E-CKICAENDKD	25086	>CBL-K382E-CEICAENDKD	332	24754
>CBL-K382E-CEMGSTFQLC	140	>CBL-K382E-CEMGSTFQLC	192	52
>CBL-K382E-FQLCKICA	131	>CBL-K382E-FQLCEICA	80	51
>CBL-K382E-FQLCKICA	17	>CBL-K382E-FQLCEICA	12	5
>CBL-K382E-FQLCKICAE	300	>CBL-K382E-FQLCEICAE	171	129
>CBL-K382E-FQLCKICA	490	>CBL-K382E-FQLCEICA	492	2
>CBL-K382E-FQLCKICA	190	>CBL-K382E-FQLCEICA	125	65
>CBL-K382E-FQLCKICA	487	>CBL-K382E-FQLCEICA	257	230
>CBL-K382E-STFQLCKI	444	>CBL-K382E-STFQLCEI	545	101
>CBL-K382E-STFQLCKI	1386	>CBL-K382E-STFQLCEI	323	1063
>CBL-K382E-STFQLCKI	1461	>CBL-K382E-STFQLCEI	263	1198
>CBL-K382E-STFQLCKI	318	>CBL-K382E-STFQLCEI	106	212
>CBL-K382E-STFQLCKI	682	>CBL-K382E-STFQLCEI	277	405
>CBL-K382E-STFQLCKI	41	>CBL-K382E-STFQLCEI	31	10
>CBL-K382E-STFQLCKI	144	>CBL-K382E-STFQLCEI	32	112
>CBL-K382E-STFQLCKICA	306	>CBL-K382E-STFQLCEICA	131	175
>CBL-K382E-STFQLCKI	330	>CBL-K382E-STFQLCEI	154	176

>CBL-K382E-1 STFQLCKI	31	>CBL-K382E-1 STFQLCEI	46	15
>CBL-K382E-1 STFQLCKIC	195	>CBL-K382E-1 STFQLCEIC	114	81
>CBL-K382E-1 STFQLCKI	14	>CBL-K382E-1 STFQLCEI	17	3
>CBL-K382E-1 GSTFQLCK	35	>CBL-K382E-1 GSTFQLCE	21440	21405
>CBL-K382E-1 GSTFQLCKI	434	>CBL-K382E-1 GSTFQLCEI	594	160
>CBL-K382E-1 GSTFQLCK	195	>CBL-K382E-1 GSTFQLCE	7680	7485
>CBL-K382E-1 MGSTFQLCK	78	>CBL-K382E-1 MGSTFQLCE	21086	21008
>CBL-K382E-1 MGSTFQLCK	283	>CBL-K382E-1 MGSTFQLCE	22539	22256
>CBL-K382E-1 EMGSTFQLCI	89	>CBL-K382E-1 EMGSTFQLCI	41	48
>CBL-K382E-1 EMGSTFQLCI	493	>CBL-K382E-1 EMGSTFQLCI	217	276
>CBL-K382E-1 EMGSTFQLCI	245	>CBL-K382E-1 EMGSTFQLCI	132	113
>CBL-K382E-1 EMGSTFQLCI	166	>CBL-K382E-1 EMGSTFQLCI	110	56
>CBL-K382E-1 EMGSTFQLCI	174	>CBL-K382E-1 EMGSTFQLCI	76	98
>CBL-K382E-1 EMGSTFQLCI	354	>CBL-K382E-1 EMGSTFQLCI	26096	25742
>CBL-K382E-1 EMGSTFQLCI	412	>CBL-K382E-1 EMGSTFQLCI	34616	34204
>CBL-K382E-1 EMGSTFQLCI	360	>CBL-K382E-1 EMGSTFQLCI	220	140
>CBL-L380P-1 LYCEMGSTFC	46	>CBL-L380P-1 LYCEMGSTFC	14763	14717
>CBL-L380P-1 LYCEMGSTFC	404	>CBL-L380P-1 LYCEMGSTFC	19357	18953
>CBL-L380P-1 LYCEMGSTFC	343	>CBL-L380P-1 LYCEMGSTFC	8442	8099
>CBL-L380P-1 LYCEMGSTFC	7	>CBL-L380P-1 LYCEMGSTFC	1523	1516
>CBL-L380P-1 FQLCKICA	131	>CBL-L380P-1 FQPCKICA	1439	1308
>CBL-L380P-1 FQLCKICA	17	>CBL-L380P-1 FQPCKICA	77	60
>CBL-L380P-1 FQLCKICAE	300	>CBL-L380P-1 FQPCKICAE	1519	1219
>CBL-L380P-1 FQLCKICA	490	>CBL-L380P-1 FQPCKICA	2280	1790
>CBL-L380P-1 FQLCKICA	190	>CBL-L380P-1 FQPCKICA	2877	2687
>CBL-L380P-1 FQLCKICA	487	>CBL-L380P-1 FQPCKICA	3459	2972
>CBL-L380P-1 STFQLCKI	444	>CBL-L380P-1 STFQPCKI	1384	940
>CBL-L380P-1 STFQLCKI	318	>CBL-L380P-1 STFQPCKI	208	110
>CBL-L380P-1 STFQLCKI	41	>CBL-L380P-1 STFQPCKI	45	4
>CBL-L380P-1 STFQLCKI	144	>CBL-L380P-1 STFQPCKI	109	35
>CBL-L380P-1 STFQLCKICA	306	>CBL-L380P-1 STFQPCKICA	203	103
>CBL-L380P-1 STFQLCKI	330	>CBL-L380P-1 STFQPCKI	218	112
>CBL-L380P-1 STFQLCKI	31	>CBL-L380P-1 STFQPCKI	21	10
>CBL-L380P-1 STFQLCKIC	195	>CBL-L380P-1 STFQPCKIC	220	25
>CBL-L380P-1 STFQLCKI	14	>CBL-L380P-1 STFQPCKI	12	2
>CBL-L380P-1 GSTFQLCK	35	>CBL-L380P-1 GSTFQPCK	53	18
>CBL-L380P-1 GSTFQLCKI	434	>CBL-L380P-1 GSTFQPCKI	542	108
>CBL-L380P-1 GSTFQLCK	195	>CBL-L380P-1 GSTFQPCK	221	26
>CBL-L380P-1 MGSTFQLCK	78	>CBL-L380P-1 MGSTFQPCK	194	116
>CBL-L380P-1 MGSTFQLCK	283	>CBL-L380P-1 MGSTFQPCK	187	96
>CBL-L380P-1 EMGSTFQL	283	>CBL-L380P-1 EMGSTFQP	17389	17106
>CBL-L380P-1 EMGSTFQL	40	>CBL-L380P-1 EMGSTFQP	13179	13139
>CBL-L380P-1 EMGSTFQLCI	89	>CBL-L380P-1 EMGSTFQPCI	73	16

>CBL-L380P-1 EMGSTFQL	211	>CBL-L380P-1 EMGSTFQP	18982	18771
>CBL-L380P-1 EMGSTFQLCI	493	>CBL-L380P-1 EMGSTFQPCI	581	88
>CBL-L380P-1 EMGSTFQL	75	>CBL-L380P-1 EMGSTFQP	17354	17279
>CBL-L380P-1 EMGSTFQLCI	245	>CBL-L380P-1 EMGSTFQPCI	284	39
>CBL-L380P-1 EMGSTFQL	13	>CBL-L380P-1 EMGSTFQP	16438	16425
>CBL-L380P-1 EMGSTFQLCI	166	>CBL-L380P-1 EMGSTFQPCI	205	39
>CBL-L380P-1 EMGSTFQL	18	>CBL-L380P-1 EMGSTFQP	20177	20159
>CBL-L380P-1 EMGSTFQLCI	174	>CBL-L380P-1 EMGSTFQPCI	365	191
>CBL-L380P-1 EMGSTFQLCI	354	>CBL-L380P-1 EMGSTFQPCI	2007	1653
>CBL-L380P-1 EMGSTFQLCI	412	>CBL-L380P-1 EMGSTFQPCI	1428	1016
>CBL-L380P-1 EMGSTFQL	85	>CBL-L380P-1 EMGSTFQP	10976	10891
>CBL-L380P-1 EMGSTFQLCI	360	>CBL-L380P-1 EMGSTFQPCI	342	18
>CBL-L380P-1 CEMGSTFQL	357	>CBL-L380P-1 CEMGSTFQP	17392	17035
>CBL-L380P-1 CEMGSTFQL	195	>CBL-L380P-1 CEMGSTFQP	6082	5887
>CBL-L380P-1 CEMGSTFQL	137	>CBL-L380P-1 CEMGSTFQP	19606	19469
>CBL-L380P-1 CEMGSTFQL	21	>CBL-L380P-1 CEMGSTFQP	3055	3034
>CBL-L380P-1 CEMGSTFQL	61	>CBL-L380P-1 CEMGSTFQP	2082	2021
>CBL-L380P-1 CEMGSTFQL	256	>CBL-L380P-1 CEMGSTFQP	3105	2849
>CBL-L380P-1 CEMGSTFQL	163	>CBL-L380P-1 CEMGSTFQP	4125	3962
>CBL-L380P-1 CEMGSTFQL	109	>CBL-L380P-1 CEMGSTFQP	732	623
>CBL-L380P-1 CEMGSTFQLCI	140	>CBL-L380P-1 CEMGSTFQPCI	90	50
>CBL-L380P-1 CEMGSTFQL	12	>CBL-L380P-1 CEMGSTFQP	373	361
>CBL-N454D- EGAPSPNY	434	>CBL-N454D- EGAPSPDY	418	16
>CBL-N454D- AEGAPSPNY	65	>CBL-N454D- AEGAPSPDY	67	2
>CBL-N454D- AEGAPSPNY	194	>CBL-N454D- AEGAPSPDY	176	18
>CBL-N454D- AEGAPSPN	300	>CBL-N454D- AEGAPSPD	684	384
>CBL-N454D- AEGAPSPNY	181	>CBL-N454D- AEGAPSPDY	158	23
>CBL-N454D- GAEGAPSPN	104	>CBL-N454D- GAEGAPSPD	502	398
>CBL-N454D- QGAEGAPSPI	159	>CBL-N454D- QGAEGAPSPI	154	5
>CBL-N454D- QGAEGAPSPI	476	>CBL-N454D- QGAEGAPSPI	1914	1438
>CBL-N454D- QGAEGAPSPI	290	>CBL-N454D- QGAEGAPSPI	292	2
>CBL-P417A- CPFRCRCEI	442	>CBL-P417A- CAFRCRCEI	25923	25481
>CBL-P417A- CPFRCRCEIK	14629	>CBL-P417A- CAFRCRCEIK	300	14329
>CBL-P417A- CPFRCRCEIK	1862	>CBL-P417A- CAFRCRCEIK	61	1801
>CBL-P417A- CPFRCRCEI	6252	>CBL-P417A- CAFRCRCEI	175	6077
>CBL-P417A- CPFRCRCEI	417	>CBL-P417A- CAFRCRCEI	14128	13711
>CBL-P417A- CPFRCRCEI	267	>CBL-P417A- CAFRCRCEI	36	231
>CBL-P417A- SWQESEGQC	585	>CBL-P417A- SWQESEGQC	299	286
>CBL-P417A- GQGCPFCR	173	>CBL-P417A- GQGCAFCR	222	49
>CBL-P417A- EGQGCPFCR	508	>CBL-P417A- EGQGCAFCR	187	321
>CBL-P417A- EGQGCPFCR	239	>CBL-P417A- EGQGCAFCR	281	42
>CBL-P417A- SEGQGCPF	150	>CBL-P417A- SEGQGCAF	178	28
>CBL-P417A- SEGQGCPF	290	>CBL-P417A- SEGQGCAF	281	9

>CBL-P417A- SEGQGCPF	201	>CBL-P417A- SEGQGCAF	474	273
>CBL-P417A- SEGQGCPF	1079	>CBL-P417A- SEGQGCAF	468	611
>CBL-P417A- SEGQGCPF	313	>CBL-P417A- SEGQGCAF	236	77
>CBL-P417A- SEGQGCPFC	62	>CBL-P417A- SEGQGCAFC	90	28
>CBL-P417A- SEGQGCPFCF	296	>CBL-P417A- SEGQGCAFCF	325	29
>CBL-P417A- ESEGQGCPFC	59	>CBL-P417A- ESEGQGCAFC	40	19
>CBL-P417A- ESEGQGCPF	32	>CBL-P417A- ESEGQGCAF	77	45
>CBL-P417A- QESEGQGCP	374	>CBL-P417A- QESEGQGCA	566	192
>CBL-P417A- QESEGQGCP	271	>CBL-P417A- QESEGQGCA	253	18
>CBL-P417A- QESEGQGCP	3655	>CBL-P417A- QESEGQGCA	22	3633
>CBL-P417A- QESEGQGCP	187	>CBL-P417A- QESEGQGCA	254	67
>CBL-P417A- WQESEGQGC	61	>CBL-P417A- WQESEGQGC	75	14
>CBL-P417A- WQESEGQGC	93	>CBL-P417A- WQESEGQGC	97	4
>CBL-P417A- WQESEGQGC	12	>CBL-P417A- WQESEGQGC	11	1
>CBL-P417A- WQESEGQGC	517	>CBL-P417A- WQESEGQGC	460	57
>CBL-P417L-1 CPFCRCEI	442	>CBL-P417L-1 CLFCRCEI	31049	30607
>CBL-P417L-1 CPFCRCEI	22640	>CBL-P417L-1 CLFCRCEI	95	22545
>CBL-P417L-1 CPFCRCEI	25953	>CBL-P417L-1 CLFCRCEI	126	25827
>CBL-P417L-1 CPFCRCEI	18791	>CBL-P417L-1 CLFCRCEI	143	18648
>CBL-P417L-1 CPFCRCEI	25268	>CBL-P417L-1 CLFCRCEI	51	25217
>CBL-P417L-1 CPFCRCEI	22429	>CBL-P417L-1 CLFCRCEI	158	22271
>CBL-P417L-1 CPFCRCEI	35734	>CBL-P417L-1 CLFCRCEI	97	35637
>CBL-P417L-1 CPFCRCEIK	14994	>CBL-P417L-1 CLFCRCEIK	225	14769
>CBL-P417L-1 CPFCRCEIK	14629	>CBL-P417L-1 CLFCRCEIK	386	14243
>CBL-P417L-1 CPFCRCEIK	1862	>CBL-P417L-1 CLFCRCEIK	269	1593
>CBL-P417L-1 CPFCRCEI	417	>CBL-P417L-1 CLFCRCEI	29099	28682
>CBL-P417L-1 CPFCRCEI	267	>CBL-P417L-1 CLFCRCEI	452	185
>CBL-P417L-1 SWQESEGQGC	585	>CBL-P417L-1 SWQESEGQGC	188	397
>CBL-P417L-1 GQGCPFCR	173	>CBL-P417L-1 GQGCLFCR	69	104
>CBL-P417L-1 EGQGCPFCR	508	>CBL-P417L-1 EGQGCLFCR	318	190
>CBL-P417L-1 EGQGCPFCR	239	>CBL-P417L-1 EGQGCLFCR	573	334
>CBL-P417L-1 SEGQGCPF	1314	>CBL-P417L-1 SEGQGCLF	83	1231
>CBL-P417L-1 SEGQGCPF	150	>CBL-P417L-1 SEGQGCLF	1121	971
>CBL-P417L-1 SEGQGCPF	290	>CBL-P417L-1 SEGQGCLF	1468	1178
>CBL-P417L-1 SEGQGCPF	201	>CBL-P417L-1 SEGQGCLF	828	627
>CBL-P417L-1 SEGQGCPF	313	>CBL-P417L-1 SEGQGCLF	163	150
>CBL-P417L-1 SEGQGCPFC	62	>CBL-P417L-1 SEGQGCLFC	92	30
>CBL-P417L-1 SEGQGCPFCF	296	>CBL-P417L-1 SEGQGCLFCR	322	26
>CBL-P417L-1 ESEGQGCPFC	522	>CBL-P417L-1 ESEGQGCLFC	351	171
>CBL-P417L-1 ESEGQGCPFC	59	>CBL-P417L-1 ESEGQGCLFC	41	18
>CBL-P417L-1 ESEGQGCPF	32	>CBL-P417L-1 ESEGQGCLF	85	53
>CBL-P417L-1 QESEGQGCP	20111	>CBL-P417L-1 QESEGQGCL	464	19647
>CBL-P417L-1 QESEGQGCP	374	>CBL-P417L-1 QESEGQGCLF	3270	2896

>CBL-P417L-1 QESEGQGCPI	271	>CBL-P417L-1 QESEGQGCPI	1035	764
>CBL-P417L-1 QESEGQGCP	10099	>CBL-P417L-1 QESEGQGCL	90	10009
>CBL-P417L-1 QESEGQGCPI	187	>CBL-P417L-1 QESEGQGCPI	281	94
>CBL-P417L-1 QESEGQGCP	11143	>CBL-P417L-1 QESEGQGCL	238	10905
>CBL-P417L-1 WQESEGQGC	61	>CBL-P417L-1 WQESEGQGC	214	153
>CBL-P417L-1 WQESEGQGC	93	>CBL-P417L-1 WQESEGQGC	292	199
>CBL-P417L-1 WQESEGQGC	12	>CBL-P417L-1 WQESEGQGC	39	27
>CBL-P417L-1 WQESEGQGC	19746	>CBL-P417L-1 WQESEGQGC	106	19640
>CBL-P417S-1 CPFRCRCEI	442	>CBL-P417S-1 CSFRCRCEI	24605	24163
>CBL-P417S-1 CPFRCRCEIK	14629	>CBL-P417S-1 CSFRCRCEIK	87	14542
>CBL-P417S-1 CPFRCRCEIK	1862	>CBL-P417S-1 CSFRCRCEIK	70	1792
>CBL-P417S-1 CPFRCRCEI	6252	>CBL-P417S-1 CSFRCRCEI	220	6032
>CBL-P417S-1 CPFRCRCEI	417	>CBL-P417S-1 CSFRCRCEI	27464	27047
>CBL-P417S-1 CPFRCRCEIK	5169	>CBL-P417S-1 CSFRCRCEIK	243	4926
>CBL-P417S-1 CPFRCRCEI	267	>CBL-P417S-1 CSFRCRCEI	13	254
>CBL-P417S-1 GQGCPFCR	173	>CBL-P417S-1 GQGCSFCR	111	62
>CBL-P417S-1 GQGCPFCR	852	>CBL-P417S-1 GQGCSFCR	473	379
>CBL-P417S-1 EGQGCPCFR	508	>CBL-P417S-1 EGQGCPCFR	218	290
>CBL-P417S-1 EGQGCPCFR	239	>CBL-P417S-1 EGQGCPCFR	293	54
>CBL-P417S-1 SEGQGCPCF	150	>CBL-P417S-1 SEGQGCPCF	183	33
>CBL-P417S-1 SEGQGCPCF	290	>CBL-P417S-1 SEGQGCPCF	485	195
>CBL-P417S-1 SEGQGCPCF	201	>CBL-P417S-1 SEGQGCPCF	393	192
>CBL-P417S-1 SEGQGCPCF	313	>CBL-P417S-1 SEGQGCPCF	249	64
>CBL-P417S-1 SEGQGCPCFC	62	>CBL-P417S-1 SEGQGCPCFC	182	120
>CBL-P417S-1 SEGQGCPCFC	296	>CBL-P417S-1 SEGQGCPCFC	326	30
>CBL-P417S-1 ESEGQGCPCF	59	>CBL-P417S-1 ESEGQGCPCF	40	19
>CBL-P417S-1 ESEGQGCPCF	32	>CBL-P417S-1 ESEGQGCPCF	32	0
>CBL-P417S-1 QESEGQGCPI	374	>CBL-P417S-1 QESEGQGCPI	595	221
>CBL-P417S-1 QESEGQGCPI	271	>CBL-P417S-1 QESEGQGCPI	286	15
>CBL-P417S-1 QESEGQGCP	3655	>CBL-P417S-1 QESEGQGCS	385	3270
>CBL-P417S-1 QESEGQGCPI	187	>CBL-P417S-1 QESEGQGCPI	400	213
>CBL-P417S-1 WQESEGQGC	61	>CBL-P417S-1 WQESEGQGC	73	12
>CBL-P417S-1 WQESEGQGC	93	>CBL-P417S-1 WQESEGQGC	154	61
>CBL-P417S-1 WQESEGQGC	12	>CBL-P417S-1 WQESEGQGC	13	1
>CBL-P428L-1 PIVVDPFDPR	2445	>CBL-P428L-1 LIVVDPFDPR	134	2311
>CBL-P428L-1 PIVVDPFDPR	816	>CBL-P428L-1 LIVVDPFDPR	391	425
>CBL-P428L-1 EPIVVDPF	110	>CBL-P428L-1 ELIVVDPF	32	78
>CBL-P428L-1 EPIVVDPFDPI	407	>CBL-P428L-1 ELIVVDPFDPI	38	369
>CBL-P428L-1 EPIVVDPFDPI	59	>CBL-P428L-1 ELIVVDPFDPI	11	48
>CBL-P428L-1 EPIVVDPF	13580	>CBL-P428L-1 ELIVVDPF	206	13374
>CBL-P428L-1 EPIVVDPF	11	>CBL-P428L-1 ELIVVDPF	422	411
>CBL-P428L-1 EPIVVDPF	152	>CBL-P428L-1 ELIVVDPF	27037	26885
>CBL-P428L-1 EPIVVDPF	93	>CBL-P428L-1 ELIVVDPF	5265	5172



>CBL-P428L-1 EPIVVDPF	39	>CBL-P428L-1 ELIVVDPF	17323	17284
>CBL-P428L-1 TEPIVVDPF	166	>CBL-P428L-1 TELIVVDPF	52	114
>CBL-P428L-1 TEPIVVDPF	234	>CBL-P428L-1 TELIVVDPF	15	219
>CBL-P428L-1 TEPIVVDPF	6266	>CBL-P428L-1 TELIVVDPF	340	5926
>CBL-P428L-1 TEPIVVDPF	864	>CBL-P428L-1 TELIVVDPF	56	808
>CBL-P428L-1 TEPIVVDPF	2294	>CBL-P428L-1 TELIVVDPF	272	2022
>CBL-P428L-1 TEPIVVDPF	1974	>CBL-P428L-1 TELIVVDPF	137	1837
>CBL-P428L-1 TEPIVVDPF	262	>CBL-P428L-1 TELIVVDPF	50	212
>CBL-P428L-1 GTEPIVVDPF	184	>CBL-P428L-1 GTELIVVDPF	184	0
>CBL-P428L-1 GTEPIVVDPF	22	>CBL-P428L-1 GTELIVVDPF	103	81
>CBL-P428L-1 KGTEPIVDP	807	>CBL-P428L-1 KGTELIVDP	337	470
>CBL-P428L-1 IKGTEPIV	252	>CBL-P428L-1 IKGTELIV	551	299
>CBL-P428L-1 EIKGTEPIV	597	>CBL-P428L-1 EIKGTELIV	377	220
>CBL-P428L-1 EIKGTEPIV	218	>CBL-P428L-1 EIKGTELIV	804	586
>CBL-P428L-1 EIKGTEPIV	416	>CBL-P428L-1 EIKGTELIV	403	13
>CBL-P428L-1 EIKGTEPI	310	>CBL-P428L-1 EIKGTELI	805	495
>CBL-P428L-1 CEIKGTEPI	124	>CBL-P428L-1 CEIKGTELI	31	93
>CBL-P428L-1 CEIKGTEP	7841	>CBL-P428L-1 CEIKGTEL	472	7369
>CBL-P428L-1 CEIKGTEP	6385	>CBL-P428L-1 CEIKGTEL	52	6333
>CBL-P428L-1 CEIKGTEPI	32	>CBL-P428L-1 CEIKGTELI	51	19
>CBL-P428L-1 CEIKGTEPIV	190	>CBL-P428L-1 CEIKGTELIV	134	56
>CBL-P428L-1 CEIKGTEP	3798	>CBL-P428L-1 CEIKGTEL	101	3697
>CBL-P428L-1 CEIKGTEPI	147	>CBL-P428L-1 CEIKGTELI	697	550
>CBL-P428L-1 CEIKGTEPIV	385	>CBL-P428L-1 CEIKGTELIV	291	94
>CBL-P428L-1 CEIKGTEPI	328	>CBL-P428L-1 CEIKGTELI	1526	1198
>CBL-P428L-1 CEIKGTEPIV	141	>CBL-P428L-1 CEIKGTELIV	132	9
>CBL-P428L-1 CEIKGTEP	16508	>CBL-P428L-1 CEIKGTEL	496	16012
>CBL-P428L-1 CEIKGTEPI	5	>CBL-P428L-1 CEIKGTELI	4	1
>CBL-P428L-1 CEIKGTEPIV	16	>CBL-P428L-1 CEIKGTELIV	9	7
>CBL-P428L-1 CRCEIKGTEP	14420	>CBL-P428L-1 CRCEIKGTEL	199	14221
>CBL-P428L-1 CRCEIKGTEP	14907	>CBL-P428L-1 CRCEIKGTEL	324	14583
>CBL-P428L-1 CRCEIKGTEPI	393	>CBL-P428L-1 CRCEIKGTELI	350	43
>CBL-Q249E- QPWSSLLR	2759	>CBL-Q249E- EPWSSLLR	351	2408
>CBL-Q249E- QPWSSLLR	2225	>CBL-Q249E- EPWSSLLR	198	2027
>CBL-Q249E- QPWSSLLRN\	12	>CBL-Q249E- EPWSSLLRN\	10	2
>CBL-Q249E- QPWSSLLR	108	>CBL-Q249E- EPWSSLLR	119	11
>CBL-Q249E- FQPWSSLL	7330	>CBL-Q249E- FEPWSSLL	30	7300
>CBL-Q249E- FQPWSSLLRN	10581	>CBL-Q249E- FEPWSSLLRN	421	10160
>CBL-Q249E- FQPWSSLL	122	>CBL-Q249E- FEPWSSLL	17832	17710
>CBL-Q249E- FQPWSSLL	60	>CBL-Q249E- FEPWSSLL	4572	4512
>CBL-Q249E- FQPWSSLL	53	>CBL-Q249E- FEPWSSLL	7412	7359
>CBL-Q249E- FQPWSSLL	6	>CBL-Q249E- FEPWSSLL	1183	1177
>CBL-Q249E- FQPWSSLL	170	>CBL-Q249E- FEPWSSLL	5295	5125

>CBL-Q249E- FQPWSSLLR	479	>CBL-Q249E- FEPWSSLLR	963	484
>CBL-Q249E- FQPWSSLL	320	>CBL-Q249E- FEPWSSLL	7181	6861
>CBL-Q249E- FQPWSSLL	79	>CBL-Q249E- FEPWSSLL	880	801
>CBL-Q249E- FQPWSSLL	4659	>CBL-Q249E- FEPWSSLL	152	4507
>CBL-Q249E- FQPWSSLLRN	8526	>CBL-Q249E- FEPWSSLLRN	216	8310
>CBL-Q249E- FQPWSSLLRN	8031	>CBL-Q249E- FEPWSSLLRN	285	7746
>CBL-Q249E- FQPWSSLL	149	>CBL-Q249E- FEPWSSLL	3198	3049
>CBL-Q249E- FQPWSSLL	103	>CBL-Q249E- FEPWSSLL	1522	1419
>CBL-Q249E- FQPWSSLLR	82	>CBL-Q249E- FEPWSSLLR	177	95
>CBL-Q249E- FEFDIFTRLFQ	366	>CBL-Q249E- FEFDIFTRLFE	1100	734
>CBL-Q249E- FEFDIFTRLFQ	119	>CBL-Q249E- FEFDIFTRLFE	491	372
>CBL-Q249E- FEFDIFTRLFQ	173	>CBL-Q249E- FEFDIFTRLFE	255	82
>CBL-Q249E- FEFDIFTRLFQ	332	>CBL-Q249E- FEFDIFTRLFE	905	573
>CBL-Q249E- FEFDIFTRLFQ	495	>CBL-Q249E- FEFDIFTRLFE	543	48
>CBL-Q249E- LFQPWSSL	343	>CBL-Q249E- LFEPWSSL	1687	1344
>CBL-Q249E- LFQPWSSLL	95	>CBL-Q249E- LFEPWSSLL	450	355
>CBL-Q249E- LFQPWSSLL	150	>CBL-Q249E- LFEPWSSLL	611	461
>CBL-Q249E- LFQPWSSL	47	>CBL-Q249E- LFEPWSSL	501	454
>CBL-Q249E- LFQPWSSLL	37	>CBL-Q249E- LFEPWSSLL	391	354
>CBL-Q249E- LFQPWSSLLR	13	>CBL-Q249E- LFEPWSSLLR	69	56
>CBL-Q249E- LFQPWSSLLR	44	>CBL-Q249E- LFEPWSSLLR	102	58
>CBL-Q249E- LFQPWSSLLR	158	>CBL-Q249E- LFEPWSSLLR	301	143
>CBL-Q249E- LFQPWSSLL	96	>CBL-Q249E- LFEPWSSLL	110	14
>CBL-Q249E- LFQPWSSLLR	79	>CBL-Q249E- LFEPWSSLLR	105	26
>CBL-Q249E- LFQPWSSLLR	183	>CBL-Q249E- LFEPWSSLLR	164	19
>CBL-Q249E- LFQPWSSL	158	>CBL-Q249E- LFEPWSSL	257	99
>CBL-Q249E- LFQPWSSLL	101	>CBL-Q249E- LFEPWSSLL	161	60
>CBL-Q249E- RLFQPWSS	1462	>CBL-Q249E- RLFEPWSS	297	1165
>CBL-Q249E- RLFQPWSSL	85	>CBL-Q249E- RLFEPWSSL	19	66
>CBL-Q249E- RLFQPWSSLL	168	>CBL-Q249E- RLFEPWSSLL	86	82
>CBL-Q249E- RLFQPWSSL	62	>CBL-Q249E- RLFEPWSSL	17	45
>CBL-Q249E- RLFQPWSSLL	22	>CBL-Q249E- RLFEPWSSLL	13	9
>CBL-Q249E- RLFQPWSSL	30	>CBL-Q249E- RLFEPWSSL	8	22
>CBL-Q249E- RLFQPWSSLL	36	>CBL-Q249E- RLFEPWSSLL	30	6
>CBL-Q249E- RLFQPWSS	1187	>CBL-Q249E- RLFEPWSS	197	990
>CBL-Q249E- RLFQPWSSL	134	>CBL-Q249E- RLFEPWSSL	16	118
>CBL-Q249E- RLFQPWSSLL	622	>CBL-Q249E- RLFEPWSSLL	277	345
>CBL-Q249E- RLFQPWSS	32	>CBL-Q249E- RLFEPWSS	9	23
>CBL-Q249E- RLFQPWSSL	3	>CBL-Q249E- RLFEPWSSL	2	1
>CBL-Q249E- RLFQPWSSLL	3	>CBL-Q249E- RLFEPWSSLL	2	1
>CBL-Q249E- RLFQPWSSL	156	>CBL-Q249E- RLFEPWSSL	13	143
>CBL-Q249E- RLFQPWSSLL	75	>CBL-Q249E- RLFEPWSSLL	12	63
>CBL-Q249E- RLFQPWSS	1025	>CBL-Q249E- RLFEPWSS	416	609

>CBL-Q249E- RLFQPWSSL	27	>CBL-Q249E- RLFEPWSSL	10	17
>CBL-Q249E- RLFQPWSSLL	18	>CBL-Q249E- RLFEPWSSLL	8	10
>CBL-Q249E- RLFQPWSSL	700	>CBL-Q249E- RLFEPWSSL	84	616
>CBL-Q249E- RLFQPWSSLL	331	>CBL-Q249E- RLFEPWSSLL	52	279
>CBL-Q249E- RLFQPWSS	240	>CBL-Q249E- RLFEPWSS	123	117
>CBL-Q249E- RLFQPWSSL	9	>CBL-Q249E- RLFEPWSSL	6	3
>CBL-Q249E- RLFQPWSSLL	7	>CBL-Q249E- RLFEPWSSLL	5	2
>CBL-Q249E- RLFQPWSSLL	33	>CBL-Q249E- RLFEPWSSLLI	30	3
>CBL-Q249E- RLFQPWSSLL	77	>CBL-Q249E- RLFEPWSSLLI	50	27
>CBL-Q249E- RLFQPWSSL	927	>CBL-Q249E- RLFEPWSSL	477	450
>CBL-Q249E- RLFQPWSSLL	730	>CBL-Q249E- RLFEPWSSLLI	427	303
>CBL-Q249E- RLFQPWSSLL	21	>CBL-Q249E- RLFEPWSSLLI	16	5
>CBL-Q249E- RLFQPWSSL	157	>CBL-Q249E- RLFEPWSSL	135	22
>CBL-Q249E- RLFQPWSSLL	159	>CBL-Q249E- RLFEPWSSLL	140	19
>CBL-Q249E- RLFQPWSSLL	259	>CBL-Q249E- RLFEPWSSLLI	181	78
>CBL-Q249E- RLFQPWSSL	119	>CBL-Q249E- RLFEPWSSL	305	186
>CBL-Q249E- RLFQPWSSL	72	>CBL-Q249E- RLFEPWSSL	101	29
>CBL-Q249E- RLFQPWSSLL	166	>CBL-Q249E- RLFEPWSSLL	244	78
>CBL-Q249E- RLFQPWSSL	101	>CBL-Q249E- RLFEPWSSL	88	13
>CBL-Q249E- RLFQPWSSLL	504	>CBL-Q249E- RLFEPWSSLL	450	54
>CBL-Q249E- RLFQPWSSL	25	>CBL-Q249E- RLFEPWSSL	18	7
>CBL-Q249E- RLFQPWSSLL	71	>CBL-Q249E- RLFEPWSSLL	62	9
>CBL-Q249E- RLFQPWSSL	29	>CBL-Q249E- RLFEPWSSL	29	0
>CBL-Q249E- RLFQPWSSLL	48	>CBL-Q249E- RLFEPWSSLL	49	1
>CBL-Q249E- RLFQPWSSL	606	>CBL-Q249E- RLFEPWSSL	256	350
>CBL-Q249E- RLFQPWSSLL	542	>CBL-Q249E- RLFEPWSSLL	272	270
>CBL-Q249E- RLFQPWSSL	16	>CBL-Q249E- RLFEPWSSL	59	43
>CBL-Q249E- RLFQPWSSL	338	>CBL-Q249E- RLFEPWSSL	859	521
>CBL-Q249E- RLFQPWSSLL	26	>CBL-Q249E- RLFEPWSSLLI	37	11
>CBL-Q249E- RLFQPWSSL	234	>CBL-Q249E- RLFEPWSSL	291	57
>CBL-Q249E- TRLFQPWSSL	145	>CBL-Q249E- TRLFEPWSSL	251	106
>CBL-Q249E- TRLFQPWSSL	276	>CBL-Q249E- TRLFEPWSSL	492	216
>CBL-Q249E- TRLFQPWSSL	65	>CBL-Q249E- TRLFEPWSSL	57	8
>CBL-Q249E- TRLFQPWSSL	61	>CBL-Q249E- TRLFEPWSSL	56	5
>CBL-Q249E- TRLFQPWSSL	266	>CBL-Q249E- TRLFEPWSSL	468	202
>CBL-Q249E- TRLFQPWSSL	469	>CBL-Q249E- TRLFEPWSSL	839	370
>CBL-Q249E- TRLFQPWSSL	56	>CBL-Q249E- TRLFEPWSSL	86	30
>CBL-Q249E- FTRLFQPWSS	313	>CBL-Q249E- FTRLFEPWSS	594	281
>CBL-Q249E- FTRLFQPWSS	391	>CBL-Q249E- FTRLFEPWSS	520	129
>CBL-Q249E- FTRLFQPWSS	368	>CBL-Q249E- FTRLFEPWSS	425	57
>CBL-Q249E- FTRLFQPW	5	>CBL-Q249E- FTRLFEPW	7	2
>CBL-Q249E- FTRLFQPWSS	8	>CBL-Q249E- FTRLFEPWSS	10	2
>CBL-Q249E- FTRLFQPW	45	>CBL-Q249E- FTRLFEPW	49	4

>CBL-Q249E- FTRLFQPW	170	>CBL-Q249E- FTRLFEPW	195	25
>CBL-Q249E- FTRLFQPWSS	387	>CBL-Q249E- FTRLFEPWSS	613	226
>CBL-Q249E- FTRLFQPWSS	324	>CBL-Q249E- FTRLFEPWSS	285	39
>CBL-Q249E- FTRLFQPWSS	11	>CBL-Q249E- FTRLFEPWSS	14	3
>CBL-Q249E- FTRLFQPW	754	>CBL-Q249E- FTRLFEPW	407	347
>CBL-Q249E- FTRLFQPWSS	134	>CBL-Q249E- FTRLFEPWSS	252	118
>CBL-Q249E- IFTRLFQPW	474	>CBL-Q249E- IFTRLFEPW	511	37
>CBL-Q249E- IFTRLFQPW	164	>CBL-Q249E- IFTRLFEPW	252	88
>CBL-Q249E- IFTRLFQPW	360	>CBL-Q249E- IFTRLFEPW	437	77
>CBL-Q249E- IFTRLFQPW	331	>CBL-Q249E- IFTRLFEPW	203	128
>CBL-Q249E- DIFTRLFQ	287	>CBL-Q249E- DIFTRLFE	1567	1280
>CBL-Q249E- FDIFTRLFQPW	358	>CBL-Q249E- FDIFTRLFEPV	212	146
>CBL-R420G- CRCEIKGTEPI	393	>CBL-R420G- CGCEIKGTEPI	72	321
>CBL-R420G- ESEGQGPCFC	59	>CBL-R420G- ESEGQGPCFC	32331	32272
>CBL-R420G- CPFCRCEI	442	>CBL-R420G- CPFCGCEI	374	68
>CBL-R420G- CPFCRCEI	509	>CBL-R420G- CPFCGCEI	348	161
>CBL-R420G- CPFCRCEI	645	>CBL-R420G- CPFCGCEI	307	338
>CBL-R420G- CPFCRCEI	417	>CBL-R420G- CPFCGCEI	269	148
>CBL-R420G- CPFCRCEI	267	>CBL-R420G- CPFCGCEI	191	76
>CBL-R420G- GQGCPFCRCI	1019	>CBL-R420G- GQGCPFCGCI	492	527
>CBL-R420G- GQGCPFCRCI	1497	>CBL-R420G- GQGCPFCGCI	477	1020
>CBL-R420G- GQGCPFCR	173	>CBL-R420G- GQGCPFCG	20469	20296
>CBL-R420G- EGQGCPFCR	239	>CBL-R420G- EGQGCPFCG	35545	35306
>CBL-R420G- SEGQGPCFCF	1116	>CBL-R420G- SEGQGPCFCC	313	803
>CBL-R420G- SEGQGPCFCF	296	>CBL-R420G- SEGQGPCFCC	277	19
>CBL-R420L-1 CRCEIKGTEPI	18188	>CBL-R420L-1 CLCEIKGTEPI	230	17958
>CBL-R420L-1 CRCEIKGTEPI	18453	>CBL-R420L-1 CLCEIKGTEPI	161	18292
>CBL-R420L-1 CRCEIKGTEPI	22648	>CBL-R420L-1 CLCEIKGTEPI	49	22599
>CBL-R420L-1 CRCEIKGTEPI	34341	>CBL-R420L-1 CLCEIKGTEPI	292	34049
>CBL-R420L-1 CRCEIKGTEPI	393	>CBL-R420L-1 CLCEIKGTEPI	338	55
>CBL-R420L-1 ESEGQGPCFC	59	>CBL-R420L-1 ESEGQGPCFC	25447	25388
>CBL-R420L-1 CPFCRCEI	442	>CBL-R420L-1 CPFCLCEI	651	209
>CBL-R420L-1 CPFCRCEI	509	>CBL-R420L-1 CPFCLCEI	218	291
>CBL-R420L-1 CPFCRCEI	645	>CBL-R420L-1 CPFCLCEI	264	381
>CBL-R420L-1 CPFCRCEI	417	>CBL-R420L-1 CPFCLCEI	186	231
>CBL-R420L-1 CPFCRCEI	267	>CBL-R420L-1 CPFCLCEI	302	35
>CBL-R420L-1 GQGCPFCRCI	1019	>CBL-R420L-1 GQGCPFCLCE	145	874
>CBL-R420L-1 GQGCPFCR	18816	>CBL-R420L-1 GQGCPFCL	338	18478
>CBL-R420L-1 GQGCPFCRCI	1497	>CBL-R420L-1 GQGCPFCLCE	317	1180
>CBL-R420L-1 GQGCPFCR	173	>CBL-R420L-1 GQGCPFCL	16192	16019
>CBL-R420L-1 EGQGCPFCR	239	>CBL-R420L-1 EGQGCPFCL	32562	32323
>CBL-R420L-1 SEGQGPCFCF	15353	>CBL-R420L-1 SEGQGPCFCL	388	14965
>CBL-R420L-1 SEGQGPCFCF	3721	>CBL-R420L-1 SEGQGPCFCL	421	3300

>CBL-R420L-1 SEGQGCPFCF	296	>CBL-R420L-1 SEGQGCPFCF	409	113
>CBL-R420P- CRCEIKGTEPI	393	>CBL-R420P- CPCEIKGTEPI	163	230
>CBL-R420P- ESEGQGCPFC	59	>CBL-R420P- ESEGQGCPFC	30971	30912
>CBL-R420P- CPFRCRCEI	442	>CBL-R420P- CPFRCRCEI	882	440
>CBL-R420P- CPFRCRCEI	509	>CBL-R420P- CPFRCRCEI	176	333
>CBL-R420P- CPFRCRCEI	645	>CBL-R420P- CPFRCRCEI	403	242
>CBL-R420P- CPFRCRCEI	417	>CBL-R420P- CPFRCRCEI	219	198
>CBL-R420P- CPFRCRCEI	267	>CBL-R420P- CPFRCRCEI	159	108
>CBL-R420P- GQGCPFCRCI	1497	>CBL-R420P- GQGCPFCRCI	385	1112
>CBL-R420P- GQGCPFCR	173	>CBL-R420P- GQGCPFCR	21165	20992
>CBL-R420P- GQGCPFCRCI	852	>CBL-R420P- GQGCPFCRCI	499	353
>CBL-R420P- EGQGCPFCR	239	>CBL-R420P- EGQGCPFCR	35336	35097
>CBL-R420P- SEGQGCPFCF	296	>CBL-R420P- SEGQGCPFCF	156	140
>CBL-R420Q- CRCEIKGTEPI	17099	>CBL-R420Q- CQCEIKGTEPI	209	16890
>CBL-R420Q- CRCEIKGTEPI	393	>CBL-R420Q- CQCEIKGTEPI	236	157
>CBL-R420Q- ESEGQGCPFC	59	>CBL-R420Q- ESEGQGCPFC	10259	10200
>CBL-R420Q- CPFRCRCEI	442	>CBL-R420Q- CPFRCRCEI	522	80
>CBL-R420Q- CPFRCRCEI	509	>CBL-R420Q- CPFRCRCEI	218	291
>CBL-R420Q- CPFRCRCEI	645	>CBL-R420Q- CPFRCRCEI	264	381
>CBL-R420Q- CPFRCRCEI	417	>CBL-R420Q- CPFRCRCEI	461	44
>CBL-R420Q- CPFRCRCEI	267	>CBL-R420Q- CPFRCRCEI	318	51
>CBL-R420Q- GQGCPFCR	173	>CBL-R420Q- GQGCPFCR	16238	16065
>CBL-R420Q- EGQGCPFCR	239	>CBL-R420Q- EGQGCPFCR	22714	22475
>CBL-R420Q- SEGQGCPFCF	296	>CBL-R420Q- SEGQGCPFCF	579	283
>CBL-R499L-1 RLDLLPQRV	138	>CBL-R499L-1 LLDLLPQRV	102	36
>CBL-R499L-1 RLDLLPQRVC	249	>CBL-R499L-1 LLDLLPQRVC	181	68
>CBL-R499L-1 RLDLLPQRV	490	>CBL-R499L-1 LLDLLPQRV	331	159
>CBL-R499L-1 RLDLLPQRVC	468	>CBL-R499L-1 LLDLLPQRVC	264	204
>CBL-R499L-1 RLDLLPQRV	367	>CBL-R499L-1 LLDLLPQRV	423	56
>CBL-R499L-1 RLDLLPQRV	3	>CBL-R499L-1 LLDLLPQRV	3	0
>CBL-R499L-1 RLDLLPQRVC	19	>CBL-R499L-1 LLDLLPQRVC	19	0
>CBL-R499L-1 RLDLLPQRV	20	>CBL-R499L-1 LLDLLPQRV	17	3
>CBL-R499L-1 RLDLLPQRVC	34	>CBL-R499L-1 LLDLLPQRVC	28	6
>CBL-R499L-1 RLDLLPQRV	8	>CBL-R499L-1 LLDLLPQRV	8	0
>CBL-R499L-1 RLDLLPQRVC	10	>CBL-R499L-1 LLDLLPQRVC	9	1
>CBL-R499L-1 RLDLLPQRV	18	>CBL-R499L-1 LLDLLPQRV	8	10
>CBL-R499L-1 RLDLLPQRVC	56	>CBL-R499L-1 LLDLLPQRVC	25	31
>CBL-R499L-1 RLDLLPQRV	9	>CBL-R499L-1 LLDLLPQRV	4	5
>CBL-R499L-1 RLDLLPQRVC	15	>CBL-R499L-1 LLDLLPQRVC	8	7
>CBL-R499L-1 RLDLLPQR	252	>CBL-R499L-1 LLDLLPQR	1977	1725
>CBL-R499L-1 RLDLLPQR	364	>CBL-R499L-1 LLDLLPQR	3343	2979
>CBL-R499L-1 PRLDLLPQRV	21622	>CBL-R499L-1 PLLDLLPQRV	412	21210
>CBL-R499L-1 PRLDLLPQRV	6988	>CBL-R499L-1 PLLDLLPQRV	3	6985

>CBL-R499L-1 PRLDLLPQRV	20641	>CBL-R499L-1 PLLDLLPQRV	80	20561
>CBL-R499L-1 PRLDLLPQRV	10215	>CBL-R499L-1 PLLDLLPQRV	7	10208
>CBL-R499L-1 PRLDLLPQRV	14273	>CBL-R499L-1 PLLDLLPQRV	4	14269
>CBL-R499L-1 PRLDLLPQRV	8487	>CBL-R499L-1 PLLDLLPQRV	3	8484
>CBL-R499L-1 PQASLPPVPP	1381	>CBL-R499L-1 PQASLPPVPP	176	1205
>CBL-R499L-1 VPPRLDLL	322	>CBL-R499L-1 VPPLDLL	1568	1246
>CBL-R499L-1 VPPRLDLL	227	>CBL-R499L-1 VPPLDLL	1293	1066
>CBL-R499L-1 VPPRLDLL	214	>CBL-R499L-1 VPPLDLL	167	47
>CBL-R499L-1 PVPPRLDLL	148	>CBL-R499L-1 PVPPLLDLL	36	112
>CBL-R499L-1 PPVPPRLDL	43	>CBL-R499L-1 PPVPPLDL	167	124
>CBL-R499L-1 PPVPPRLDL	134	>CBL-R499L-1 PPVPPLDL	1520	1386
>CBL-R499L-1 LPPVPPRL	454	>CBL-R499L-1 LPPVPPLL	442	12
>CBL-R499L-1 LPPVPPRLDL	214	>CBL-R499L-1 LPPVPPLDL	183	31
>CBL-R499L-1 LPPVPPRLDL	194	>CBL-R499L-1 LPPVPPLDL	424	230
>CBL-R499L-1 LPPVPPRL	610	>CBL-R499L-1 LPPVPPLL	319	291
>CBL-R499L-1 LPPVPPRLDI	345	>CBL-R499L-1 LPPVPPLLDL	244	101
>CBL-R499L-1 LPPVPPRL	68	>CBL-R499L-1 LPPVPPLL	11	57
>CBL-R499L-1 LPPVPPRLDL	562	>CBL-R499L-1 LPPVPPLDL	178	384
>CBL-R499L-1 LPPVPPRLDI	32	>CBL-R499L-1 LPPVPPLLDL	19	13
>CBL-R499L-1 SLPPVPPR	18780	>CBL-R499L-1 SLPPVPPL	28	18752
>CBL-R499L-1 SLPPVPPRL	58	>CBL-R499L-1 SLPPVPPLL	30	28
>CBL-R499L-1 SLPPVPPRLDI	960	>CBL-R499L-1 SLPPVPPLDL	210	750
>CBL-R499L-1 SLPPVPPR	15121	>CBL-R499L-1 SLPPVPPL	44	15077
>CBL-R499L-1 SLPPVPPRL	130	>CBL-R499L-1 SLPPVPPLL	37	93
>CBL-R499L-1 SLPPVPPRLDI	1063	>CBL-R499L-1 SLPPVPPLLDL	284	779
>CBL-R499L-1 SLPPVPPR	13063	>CBL-R499L-1 SLPPVPPL	25	13038
>CBL-R499L-1 SLPPVPPRL	104	>CBL-R499L-1 SLPPVPPLL	49	55
>CBL-R499L-1 SLPPVPPRLDI	720	>CBL-R499L-1 SLPPVPPLLDL	127	593
>CBL-R499L-1 SLPPVPPR	16344	>CBL-R499L-1 SLPPVPPL	70	16274
>CBL-R499L-1 SLPPVPPRL	1053	>CBL-R499L-1 SLPPVPPLL	287	766
>CBL-R499L-1 SLPPVPPRLDI	2889	>CBL-R499L-1 SLPPVPPLLDL	464	2425
>CBL-R499L-1 SLPPVPPR	2830	>CBL-R499L-1 SLPPVPPL	4	2826
>CBL-R499L-1 SLPPVPPRL	4	>CBL-R499L-1 SLPPVPPLL	4	0
>CBL-R499L-1 SLPPVPPRLDI	95	>CBL-R499L-1 SLPPVPPLLDL	20	75
>CBL-R499L-1 SLPPVPPR	23086	>CBL-R499L-1 SLPPVPPL	51	23035
>CBL-R499L-1 SLPPVPPRL	289	>CBL-R499L-1 SLPPVPPLL	233	56
>CBL-R499L-1 SLPPVPPR	4512	>CBL-R499L-1 SLPPVPPL	7	4505
>CBL-R499L-1 SLPPVPPRL	7	>CBL-R499L-1 SLPPVPPLL	6	1
>CBL-R499L-1 SLPPVPPRLDI	63	>CBL-R499L-1 SLPPVPPLLDL	20	43
>CBL-R499L-1 SLPPVPPR	24501	>CBL-R499L-1 SLPPVPPL	248	24253
>CBL-R499L-1 SLPPVPPRL	167	>CBL-R499L-1 SLPPVPPLL	354	187
>CBL-R499L-1 SLPPVPPR	2540	>CBL-R499L-1 SLPPVPPL	5	2535
>CBL-R499L-1 SLPPVPPRL	6	>CBL-R499L-1 SLPPVPPLL	8	2

>CBL-R499L-1SLPPVPPRLDI	12	>CBL-R499L-1SLPPVPPLLDI	8	4
>CBL-R499L-1SLPPVPPRL	77	>CBL-R499L-1SLPPVPPLL	8	69
>CBL-R499L-1SLPPVPPRLDI	144	>CBL-R499L-1SLPPVPPLLDI	43	101
>CBL-R499L-1SLPPVPPR	260	>CBL-R499L-1SLPPVPPPL	32452	32192
>CBL-R499L-1ASLPPVPPR	21710	>CBL-R499L-1ASLPPVPPPL	264	21446
>CBL-R499L-1ASLPPVPPR	40	>CBL-R499L-1ASLPPVPPPL	13907	13867
>CBL-R499L-1ASLPPVPPR	12794	>CBL-R499L-1ASLPPVPPPL	263	12531
>CBL-R499L-1ASLPPVPPR	304	>CBL-R499L-1ASLPPVPPPL	188	116
>CBL-R499L-1ASLPPVPPRL	895	>CBL-R499L-1ASLPPVPPLL	357	538
>CBL-R499L-1ASLPPVPPR	39	>CBL-R499L-1ASLPPVPPPL	11077	11038
>CBL-R499L-1ASLPPVPPR	13484	>CBL-R499L-1ASLPPVPPPL	204	13280
>CBL-R499L-1ASLPPVPPR	625	>CBL-R499L-1ASLPPVPPPL	96	529
>CBL-R499L-1ASLPPVPPR	709	>CBL-R499L-1ASLPPVPPPL	5	704
>CBL-R499L-1ASLPPVPPRL	7	>CBL-R499L-1ASLPPVPPLL	14	7
>CBL-R499L-1ASLPPVPPRL	952	>CBL-R499L-1ASLPPVPPLL	496	456
>CBL-R499L-1ASLPPVPPR	17911	>CBL-R499L-1ASLPPVPPPL	243	17668
>CBL-R499L-1ASLPPVPPRL	912	>CBL-R499L-1ASLPPVPPLL	152	760
>CBL-R499L-1ASLPPVPPR	122	>CBL-R499L-1ASLPPVPPPL	2124	2002
>CBL-R499L-1ASLPPVPPR	32100	>CBL-R499L-1ASLPPVPPPL	189	31911
>CBL-R499L-1QASLPPVPPR	53	>CBL-R499L-1QASLPPVPPPL	32171	32118
>CBL-R499L-1QASLPPVPPR	16981	>CBL-R499L-1QASLPPVPPPL	285	16696
>CBL-R499L-1QASLPPVPPR	16836	>CBL-R499L-1QASLPPVPPPL	193	16643
>CBL-R499L-1QASLPPVPPR	407	>CBL-R499L-1QASLPPVPPPL	1459	1052
>CBL-R830K- RRINSERK	1575	>CBL-R830K- RKINSERK	247	1328
>CBL-R830K- RRINSERKA	1021	>CBL-R830K- RKINSERKA	138	883
>CBL-R830K- RRINSERKAG	1674	>CBL-R830K- RKINSERKAG	466	1208
>CBL-R830K- RRINSERK	50	>CBL-R830K- RKINSERK	1760	1710
>CBL-R830K- RRINSERKA	232	>CBL-R830K- RKINSERKA	8657	8425
>CBL-R830K- RRINSERKAG	322	>CBL-R830K- RKINSERKAG	14659	14337
>CBL-R830K- RRINSERKAG	288	>CBL-R830K- RKINSERKAG	6996	6708
>CBL-R830K- RRINSERK	253	>CBL-R830K- RKINSERK	5020	4767
>CBL-R830K- RRINSERKAG	494	>CBL-R830K- RKINSERKAG	10321	9827
>CBL-R830K- FRRINSER	462	>CBL-R830K- FPRKINSER	522	60
>CBL-R830K- FRRINSER	423	>CBL-R830K- FPRKINSER	387	36
>CBL-R830K- FRRINSE	376	>CBL-R830K- FPRKINSE	503	127
>CBL-R830K- FRRINSERK/	71	>CBL-R830K- FPRKINSERK/	78	7
>CBL-R830K- FRRINSE	178	>CBL-R830K- FPRKINSE	210	32
>CBL-R830K- FRRINSERK/	12	>CBL-R830K- FPRKINSERK/	12	0
>CBL-R830K- KPFP RRINSEF	69	>CBL-R830K- KPFP RRINSEF	92	23
>CBL-R830K- KPFP RRINSEF	59	>CBL-R830K- KPFP RRINSEF	50	9
>CBL-R830K- RPPKPFPRRI	1077	>CBL-R830K- RPPKPFPRKI	128	949
>CBL-R830K- RPPKPFPRRI	292	>CBL-R830K- RPPKPFPRKI	249	43
>CBL-R830K- RPPKPFPRR	87	>CBL-R830K- RPPKPFPRK	1709	1622

>CBL-S376F-1 STFQLCKI	444	>CBL-S376F-1 FTFQLCKI	1052	608
>CBL-S376F-1 STFQLCKI	3486	>CBL-S376F-1 FTFQLCKI	263	3223
>CBL-S376F-1 STFQLCKICA	2371	>CBL-S376F-1 FTFQLCKICA	488	1883
>CBL-S376F-1 STFQLCKI	1386	>CBL-S376F-1 FTFQLCKI	76	1310
>CBL-S376F-1 STFQLCKI	2321	>CBL-S376F-1 FTFQLCKI	208	2113
>CBL-S376F-1 STFQLCKI	1461	>CBL-S376F-1 FTFQLCKI	86	1375
>CBL-S376F-1 STFQLCKICA	775	>CBL-S376F-1 FTFQLCKICA	178	597
>CBL-S376F-1 STFQLCKI	318	>CBL-S376F-1 FTFQLCKI	50	268
>CBL-S376F-1 STFQLCKI	682	>CBL-S376F-1 FTFQLCKI	274	408
>CBL-S376F-1 STFQLCKI	41	>CBL-S376F-1 FTFQLCKI	354	313
>CBL-S376F-1 STFQLCKI	144	>CBL-S376F-1 FTFQLCKI	49	95
>CBL-S376F-1 STFQLCKICA	306	>CBL-S376F-1 FTFQLCKICA	270	36
>CBL-S376F-1 STFQLCKI	330	>CBL-S376F-1 FTFQLCKI	111	219
>CBL-S376F-1 STFQLCKI	31	>CBL-S376F-1 FTFQLCKI	34	3
>CBL-S376F-1 STFQLCKIC	195	>CBL-S376F-1 FTFQLCKIC	300	105
>CBL-S376F-1 STFQLCKI	14	>CBL-S376F-1 FTFQLCKI	13	1
>CBL-S376F-1 GSTFQLCK	35	>CBL-S376F-1 GFTFQLCK	863	828
>CBL-S376F-1 GSTFQLCKI	434	>CBL-S376F-1 GFTFQLCKI	27248	26814
>CBL-S376F-1 GSTFQLCK	195	>CBL-S376F-1 GFTFQLCK	2053	1858
>CBL-S376F-1 EQYELYCEMC	12779	>CBL-S376F-1 EQYELYCEMC	102	12677
>CBL-S376F-1 EQYELYCEMC	4744	>CBL-S376F-1 EQYELYCEMC	10	4734
>CBL-S376F-1 MGSTFQLC	7250	>CBL-S376F-1 MGFTFQLC	53	7197
>CBL-S376F-1 MGSTFQLCK	732	>CBL-S376F-1 MGFTFQLCK	145	587
>CBL-S376F-1 MGSTFQLCK	78	>CBL-S376F-1 MGFTFQLCK	26	52
>CBL-S376F-1 MGSTFQLCK	839	>CBL-S376F-1 MGFTFQLCK	134	705
>CBL-S376F-1 MGSTFQLCK	283	>CBL-S376F-1 MGFTFQLCK	46	237
>CBL-S376F-1 MGSTFQLCK	1386	>CBL-S376F-1 MGFTFQLCK	430	956
>CBL-S376F-1 MGSTFQLCK	1349	>CBL-S376F-1 MGFTFQLCK	347	1002
>CBL-S376F-1 EMGSTFQL	283	>CBL-S376F-1 EMGFTFQL	421	138
>CBL-S376F-1 EMGSTFQL	40	>CBL-S376F-1 EMGFTFQL	57	17
>CBL-S376F-1 EMGSTFQLCI	89	>CBL-S376F-1 EMGFTFQLCI	158	69
>CBL-S376F-1 EMGSTFQL	211	>CBL-S376F-1 EMGFTFQL	287	76
>CBL-S376F-1 EMGSTFQLCI	493	>CBL-S376F-1 EMGFTFQLCI	617	124
>CBL-S376F-1 EMGSTFQL	75	>CBL-S376F-1 EMGFTFQL	148	73
>CBL-S376F-1 EMGSTFQLCI	245	>CBL-S376F-1 EMGFTFQLCI	590	345
>CBL-S376F-1 EMGSTFQL	13	>CBL-S376F-1 EMGFTFQL	19	6
>CBL-S376F-1 EMGSTFQLCI	166	>CBL-S376F-1 EMGFTFQLCI	244	78
>CBL-S376F-1 EMGSTFQL	18	>CBL-S376F-1 EMGFTFQL	46	28
>CBL-S376F-1 EMGSTFQLCI	174	>CBL-S376F-1 EMGFTFQLCI	601	427
>CBL-S376F-1 EMGSTFQLCI	354	>CBL-S376F-1 EMGFTFQLCI	132	222
>CBL-S376F-1 EMGSTFQLCI	412	>CBL-S376F-1 EMGFTFQLCI	226	186
>CBL-S376F-1 EMGSTFQL	85	>CBL-S376F-1 EMGFTFQL	84	1
>CBL-S376F-1 EMGSTFQLCI	360	>CBL-S376F-1 EMGFTFQLCI	500	140



>CBL-S376F-\ CEMGSTFQL	357	>CBL-S376F-† CEMGFTFQL	203	154
>CBL-S376F-\ CEMGSTFQL	1482	>CBL-S376F-† CEMGFTFQL	352	1130
>CBL-S376F-\ CEMGSTFQ	1619	>CBL-S376F-† CEMGFTFQ	373	1246
>CBL-S376F-\ CEMGSTFQL	195	>CBL-S376F-† CEMGFTFQL	36	159
>CBL-S376F-\ CEMGSTFQL	137	>CBL-S376F-† CEMGFTFQL	174	37
>CBL-S376F-\ CEMGSTFQL	21	>CBL-S376F-† CEMGFTFQL	18	3
>CBL-S376F-\ CEMGSTFQL	61	>CBL-S376F-† CEMGFTFQL	25	36
>CBL-S376F-\ CEMGSTFQL	256	>CBL-S376F-† CEMGFTFQL	324	68
>CBL-S376F-\ CEMGSTFQ	672	>CBL-S376F-† CEMGFTFQ	385	287
>CBL-S376F-\ CEMGSTFQL	163	>CBL-S376F-† CEMGFTFQL	115	48
>CBL-S376F-\ CEMGSTFQ	316	>CBL-S376F-† CEMGFTFQ	105	211
>CBL-S376F-\ CEMGSTFQL	109	>CBL-S376F-† CEMGFTFQL	46	63
>CBL-S376F-\ CEMGSTFQL	140	>CBL-S376F-† CEMGFTFQL	79	61
>CBL-S376F-\ CEMGSTFQL	12	>CBL-S376F-† CEMGFTFQL	9	3
>CBL-S376F-\ YCEMGSTF	304	>CBL-S376F-† YCEMGFTF	362	58
>CBL-S376F-\ LYCEMGSTF	29	>CBL-S376F-† LYCEMGFTF	1356	1327
>CBL-S376F-\ LYCEMGSTFC	46	>CBL-S376F-† LYCEMGFTFC	306	260
>CBL-S376F-\ LYCEMGSTF	119	>CBL-S376F-† LYCEMGFTF	45	74
>CBL-S376F-\ LYCEMGSTFC	404	>CBL-S376F-† LYCEMGFTFC	321	83
>CBL-S376F-\ LYCEMGSTF	94	>CBL-S376F-† LYCEMGFTF	34	60
>CBL-S376F-\ LYCEMGSTFC	343	>CBL-S376F-† LYCEMGFTFC	197	146
>CBL-S376F-\ LYCEMGSTF	6	>CBL-S376F-† LYCEMGFTF	5	1
>CBL-S376F-\ LYCEMGSTFC	7	>CBL-S376F-† LYCEMGFTFC	6	1
>CBL-S376F-\ LYCEMGSTF	359	>CBL-S376F-† LYCEMGFTF	1185	826
>CBL-S376F-\ LYCEMGSTF	124	>CBL-S376F-† LYCEMGFTF	3171	3047
>CBL-S376F-\ ELYCEMGSTF	202	>CBL-S376F-† ELYCEMGFTF	261	59
>CBL-S376F-\ ELYCEMG	15636	>CBL-S376F-† ELYCEMGF	262	15374
>CBL-S376F-\ ELYCEMGSTF	71	>CBL-S376F-† ELYCEMGFTF	144	73
>CBL-S376F-\ ELYCEMGSTF	414	>CBL-S376F-† ELYCEMGFTF	889	475
>CBL-S376F-\ ELYCEMGSTF	734	>CBL-S376F-† ELYCEMGFTF	260	474
>CBL-S376F-\ ELYCEMGSTF	623	>CBL-S376F-† ELYCEMGFTF	361	262
>CBL-S376F-\ ELYCEMGSTF	87	>CBL-S376F-† ELYCEMGFTF	195	108
>CBL-S376F-\ ELYCEMGSTF	104	>CBL-S376F-† ELYCEMGFTF	320	216
>CBL-S376F-\ ELYCEMG	16222	>CBL-S376F-† ELYCEMGF	155	16067
>CBL-S376F-\ ELYCEMGSTF	45	>CBL-S376F-† ELYCEMGFTF	113	68
>CBL-S376F-\ ELYCEMGSTF	342	>CBL-S376F-† ELYCEMGFTF	445	103
>CBL-S376F-\ YELYCEMGST	1405	>CBL-S376F-† YELYCEMGFT	261	1144
>CBL-S376F-\ YELYCEMGST	471	>CBL-S376F-† YELYCEMGFT	588	117
>CBL-S376F-\ YELYCEMGST	920	>CBL-S376F-† YELYCEMGFT	326	594
>CBL-S376F-\ YELYCEMG	10940	>CBL-S376F-† YELYCEMGF	13	10927
>CBL-S376F-\ YELYCEMGST	7	>CBL-S376F-† YELYCEMGFT	12	5
>CBL-S376F-\ YELYCEMG	2115	>CBL-S376F-† YELYCEMGF	23	2092
>CBL-S376F-\ YELYCEMGST	8	>CBL-S376F-† YELYCEMGFT	6	2

>CBL-S376F-1 YELYCEMGST	504	>CBL-S376F-1 YELYCEMGFT	366	138
>CBL-S376F-1 YELYCEMG	6513	>CBL-S376F-1 YELYCEMGF	49	6464
>CBL-S376F-1 YELYCEMGST	49	>CBL-S376F-1 YELYCEMGFT	24	25
>CBL-S376F-1 YELYCEMG	1752	>CBL-S376F-1 YELYCEMGF	203	1549
>CBL-S376F-1 YELYCEMGST	158	>CBL-S376F-1 YELYCEMGFT	200	42
>CBL-S376F-1 YELYCEMGST	139	>CBL-S376F-1 YELYCEMGFT	88	51
>CBL-S376F-1 YELYCEMG	7208	>CBL-S376F-1 YELYCEMGF	167	7041
>CBL-S376F-1 YELYCEMGST	112	>CBL-S376F-1 YELYCEMGFT	68	44
>CBL-S376F-1 YELYCEMGST	59	>CBL-S376F-1 YELYCEMGFT	545	486
>CBL-S376F-1 YELYCEMG	1127	>CBL-S376F-1 YELYCEMGF	33	1094
>CBL-S376F-1 YELYCEMGST	120	>CBL-S376F-1 YELYCEMGFT	87	33
>CBL-S376F-1 YELYCEMGST	22	>CBL-S376F-1 YELYCEMGFT	20	2
>CBL-S376F-1 QEYLYCEMG!	30673	>CBL-S376F-1 QEYLYCEMGI	165	30508
>CBL-S376F-1 QEYLYCEMG!	28286	>CBL-S376F-1 QEYLYCEMGI	165	28121
>CBL-S376F-1 QEYLYCEMG!	12074	>CBL-S376F-1 QEYLYCEMGI	21	12053
>CBL-S376F-1 QEYLYCEMG!	17635	>CBL-S376F-1 QEYLYCEMGI	178	17457
>CBL-S80N-1 SPPYILDLL	632	>CBL-S80N-1 NPPYILDLL	446	186
>CBL-S80N-1 SPPYILD	32	>CBL-S80N-1 NPPYILD	365	333
>CBL-S80N-1 SPPYILDLL	21	>CBL-S80N-1 NPPYILDLL	380	359
>CBL-S80N-1 NSPPYILDLL	310	>CBL-S80N-1 NNPPYILDLL	3501	3191
>CBL-S80N-1 NSPPYILD	5	>CBL-S80N-1 NNPPYILD	741	736
>CBL-S80N-1 NSPPYILDLL	4	>CBL-S80N-1 NNPPYILDLL	181	177
>CBL-S80N-1 LKNSPPYI	31	>CBL-S80N-1 LKNNPPYI	49	18
>CBL-S80N-1 LKNSPPYIL	11	>CBL-S80N-1 LKNNPPYIL	14	3
>CBL-S80N-1 LKNSPPYILD	18	>CBL-S80N-1 LKNNPPYILD	23	5
>CBL-S80N-1 LKNSPPYIL	363	>CBL-S80N-1 LKNNPPYIL	931	568
>CBL-S80N-1 LKNSPPYIL	715	>CBL-S80N-1 LKNNPPYIL	423	292
>CBL-S80N-1 ALKNSPPYI	216	>CBL-S80N-1 ALKNNPPYI	315	99
>CBL-S80N-1 ALKNSPPYI	394	>CBL-S80N-1 ALKNNPPYI	630	236
>CBL-S80N-1 ALKNSPPYIL	25	>CBL-S80N-1 ALKNNPPYIL	38	13
>CBL-S80N-1 ALKNSPPYI	12	>CBL-S80N-1 ALKNNPPYI	18	6
>CBL-S80N-1 ALKNSPPYIL	127	>CBL-S80N-1 ALKNNPPYIL	135	8
>CBL-S80N-1 ALKNSPPYI	13	>CBL-S80N-1 ALKNNPPYI	7	6
>CBL-S80N-1 ALKNSPPYIL	169	>CBL-S80N-1 ALKNNPPYIL	92	77
>CBL-S80N-1 ALKNSPPYI	39	>CBL-S80N-1 ALKNNPPYI	13	26
>CBL-S80N-1 ALKNSPPYIL	81	>CBL-S80N-1 ALKNNPPYIL	32	49
>CBL-S80N-1 ALKNSPPYI	80	>CBL-S80N-1 ALKNNPPYI	106	26
>CBL-S80N-1 ALKNSPPYI	326	>CBL-S80N-1 ALKNNPPYI	208	118
>CBL-S80N-1 ALKNSPPYI	15	>CBL-S80N-1 ALKNNPPYI	12	3
>CBL-S80N-1 ALKNSPPYIL	25	>CBL-S80N-1 ALKNNPPYIL	22	3
>CBL-S80N-1 ALKNSPPY	585	>CBL-S80N-1 ALKNNPPY	440	145
>CBL-S80N-1 ALKNSPPY	79	>CBL-S80N-1 ALKNNPPY	135	56
>CBL-S80N-1 ALKNSPPYI	12	>CBL-S80N-1 ALKNNPPYI	15	3

>CBL-S80N- $\nu$ ALKNSPPYIL	418	>CBL-S80N- $\pi$ ALKNNPPYIL	565	147
>CBL-S80N- $\nu$ ALKNSPPY	75	>CBL-S80N- $\pi$ ALKNNPPY	56	19
>CBL-S80N- $\nu$ ALKNSPPY	37	>CBL-S80N- $\pi$ ALKNNPPY	51	14
>CBL-S80N- $\nu$ ALKNSPPY	100	>CBL-S80N- $\pi$ ALKNNPPY	136	36
>CBL-S80N- $\nu$ ALKNSPPY	20	>CBL-S80N- $\pi$ ALKNNPPY	42	22
>CBL-S80N- $\nu$ ALKNSPPYI	281	>CBL-S80N- $\pi$ ALKNNPPYI	740	459
>CBL-S80N- $\nu$ ALKNSPPYIL	154	>CBL-S80N- $\pi$ ALKNNPPYIL	389	235
>CBL-S80N- $\nu$ ALKNSPPY	425	>CBL-S80N- $\pi$ ALKNNPPY	1862	1437
>CBL-S80N- $\nu$ LALKNSPPYI	31	>CBL-S80N- $\pi$ LALKNNPPYI	24	7
>CBL-S80N- $\nu$ LALKNSPPYIL	53	>CBL-S80N- $\pi$ LALKNNPPYIL	124	71
>CBL-S80N- $\nu$ LALKNSPPYI	302	>CBL-S80N- $\pi$ LALKNNPPYI	510	208
>CBL-S80N- $\nu$ LALKNSPPYI	271	>CBL-S80N- $\pi$ LALKNNPPYI	412	141
>CBL-S80N- $\nu$ LALKNSPPYI	128	>CBL-S80N- $\pi$ LALKNNPPYI	134	6
>CBL-S80N- $\nu$ LALKNSPPY	254	>CBL-S80N- $\pi$ LALKNNPPY	501	247
>CBL-S80N- $\nu$ LALKNSPPYI	198	>CBL-S80N- $\pi$ LALKNNPPYI	331	133
>CBL-S80N- $\nu$ LALKNSPPY	228	>CBL-S80N- $\pi$ LALKNNPPY	164	64
>CBL-S80N- $\nu$ LALKNSPPYI	88	>CBL-S80N- $\pi$ LALKNNPPYI	101	13
>CBL-S80N- $\nu$ LALKNSPPY	62	>CBL-S80N- $\pi$ LALKNNPPY	112	50
>CBL-S80N- $\nu$ LALKNSPPY	24	>CBL-S80N- $\pi$ LALKNNPPY	36	12
>CBL-S80N- $\nu$ LALKNSPPYI	492	>CBL-S80N- $\pi$ LALKNNPPYI	800	308
>CBL-S80N- $\nu$ LALKNSPPYIL	315	>CBL-S80N- $\pi$ LALKNNPPYIL	407	92
>CBL-S80N- $\nu$ LALKNSPPY	7	>CBL-S80N- $\pi$ LALKNNPPY	14	7
>CBL-S80N- $\nu$ LALKNSPPYI	402	>CBL-S80N- $\pi$ LALKNNPPYI	1301	899
>CBL-S80N- $\nu$ LALKNSPPYIL	417	>CBL-S80N- $\pi$ LALKNNPPYIL	815	398
>CBL-S80N- $\nu$ LALKNSPPY	11	>CBL-S80N- $\pi$ LALKNNPPY	17	6
>CBL-S80N- $\nu$ LALKNSPPYI	255	>CBL-S80N- $\pi$ LALKNNPPYI	452	197
>CBL-S80N- $\nu$ KLALKNSPPYI	31	>CBL-S80N- $\pi$ KLALKNNPPY	32	1
>CBL-S80N- $\nu$ KLALKNSPPYI	16	>CBL-S80N- $\pi$ KLALKNNPPY	16	0
>CBL-S80N- $\nu$ KLALKNSPPYI	15	>CBL-S80N- $\pi$ KLALKNNPPY	21	6
>CBL-S80N- $\nu$ KLALKNSPPYI	206	>CBL-S80N- $\pi$ KLALKNNPPY	218	12
>CBL-S80N- $\nu$ KLALKNSPPYI	16	>CBL-S80N- $\pi$ KLALKNNPPY	20	4
>CBL-S80N- $\nu$ KLALKNSPPYI	32	>CBL-S80N- $\pi$ KLALKNNPPY	27	5
>CBL-S80N- $\nu$ KLALKNSPPYI	24	>CBL-S80N- $\pi$ KLALKNNPPY	29	5
>CBL-S80N- $\nu$ KLALKNSPPYI	37	>CBL-S80N- $\pi$ KLALKNNPPY	41	4
>CBL-S80N- $\nu$ KLALKNSPPYI	46	>CBL-S80N- $\pi$ KLALKNNPPY	64	18
>CBL-S80N- $\nu$ KLALKNSPPY	201	>CBL-S80N- $\pi$ KLALKNNPPY	406	205
>CBL-S80N- $\nu$ KLALKNSPPYI	494	>CBL-S80N- $\pi$ KLALKNNPPY	553	59
>CBL-S80N- $\nu$ KLALKNSPPY	404	>CBL-S80N- $\pi$ KLALKNNPPY	250	154
>CBL-S80N- $\nu$ KLALKNSPPYI	828	>CBL-S80N- $\pi$ KLALKNNPPY	464	364
>CBL-S80N- $\nu$ KLALKNSPPY	283	>CBL-S80N- $\pi$ KLALKNNPPY	579	296
>CBL-S80N- $\nu$ KLALKNSPPY	66	>CBL-S80N- $\pi$ KLALKNNPPY	102	36
>CBL-S80N- $\nu$ KLALKNSPPY	358	>CBL-S80N- $\pi$ KLALKNNPPY	524	166
>CBL-S80N- $\nu$ KLALKNSPPY	174	>CBL-S80N- $\pi$ KLALKNNPPY	272	98

>CBL-S80N-v KLALKNSPPY	167	>CBL-S80N-r KLALKNNPPY	676	509
>CBL-S80N-v KLALKNSPPY	391	>CBL-S80N-r KLALKNNPPY	1084	693
>CBL-S80N-v PKLALKNSPP'	57	>CBL-S80N-r PKLALKNNPP	77	20
>CBL-V391I-v VKIEPCGHL	436	>CBL-V391I-r IKIEPCGHL	195	241
>CBL-V391I-v VKIEPCGHLM	127	>CBL-V391I-r IKIEPCGHLM	53	74
>CBL-V391I-v AENDKDVKI	535	>CBL-V391I-r AENDKDIKI	330	205
>CBL-V391I-v AENDKDVKI	651	>CBL-V391I-r AENDKDIKI	482	169
>CBL-V391I-v AENDKDVKI	33	>CBL-V391I-r AENDKDIKI	35	2
>CBL-V391I-v CAENDKDV	14459	>CBL-V391I-r CAENDKDI	425	14034
>CBL-V391I-v KICAENDKDV	227	>CBL-V391I-r KICAENDKDIH	228	1
>CBL-W408C WQESEGQGC	61	>CBL-W408C CQESEGQGC	221	160
>CBL-W408C WQESEGQGC	93	>CBL-W408C CQESEGQGC	905	812
>CBL-W408C WQESEGQGC	12	>CBL-W408C CQESEGQGC	34	22
>CBL-W408C SWQESEGQ	487	>CBL-W408C SCQESEGQ	37780	37293
>CBL-W408C HLMCTSCLTS	1173	>CBL-W408C HLMCTSCLTS	423	750
>CBL-W408C HLMCTSCLTS	2888	>CBL-W408C HLMCTSCLTS	187	2701
>CBL-W408C HLMCTSCLTS	11336	>CBL-W408C HLMCTSCLTS	224	11112
>CBL-W408C HLMCTSCLTS	3846	>CBL-W408C HLMCTSCLTS	46	3800
>CBL-W408C HLMCTSCLTS	15677	>CBL-W408C HLMCTSCLTS	284	15393
>CBL-W408C HLMCTSCLTS	12334	>CBL-W408C HLMCTSCLTS	149	12185
>CBL-W408C HLMCTSCLTS	123	>CBL-W408C HLMCTSCLTS	3719	3596
>CBL-W408C HLMCTSCLTS	228	>CBL-W408C HLMCTSCLTS	4915	4687
>CBL-W408C HLMCTSCLTS	267	>CBL-W408C HLMCTSCLTS	2214	1947
>CBL-W408C HLMCTSCLTS	129	>CBL-W408C HLMCTSCLTS	21722	21593
>CBL-W408C HLMCTSCLTS	85	>CBL-W408C HLMCTSCLTS	21123	21038
>CBL-W408C CTSCLTSW	27	>CBL-W408C CTSCLTSC	17376	17349
>CBL-W408C CTSCLTSW	196	>CBL-W408C CTSCLTSC	23943	23747
>CBL-W408C CTSCLTSW	20	>CBL-W408C CTSCLTSC	18361	18341
>CBL-W408C CTSCLTSWQ	202	>CBL-W408C CTSCLTSCQ	2266	2064
>CBL-W408C MCTSCLTSW	176	>CBL-W408C MCTSCLTSC	23690	23514
>CBL-W408C MCTSCLTSW	259	>CBL-W408C MCTSCLTSC	21798	21539
>CBL-W408C MCTSCLTSW	110	>CBL-W408C MCTSCLTSC	3344	3234
>CBL-W408C MCTSCLTSW	238	>CBL-W408C MCTSCLTSC	34176	33938
>CBL-W408C LMCTSCLTSM	13691	>CBL-W408C LMCTSCLTSC	97	13594
>CBL-W408C LMCTSCLTSM	432	>CBL-W408C LMCTSCLTSC	2294	1862
>CBL-W408C LMCTSCLTSM	128	>CBL-W408C LMCTSCLTSC	3476	3348
>CBL-W408C LMCTSCLTSM	167	>CBL-W408C LMCTSCLTSC	1501	1334
>CBL-W408C LMCTSCLTSM	82	>CBL-W408C LMCTSCLTSC	21178	21096
>CBL-W408C LMCTSCLTSM	61	>CBL-W408C LMCTSCLTSC	20875	20814
>CBL-W408C LMCTSCLTSM	135	>CBL-W408C LMCTSCLTSC	23627	23492
>CBL-W408R WQESEGQGC	61	>CBL-W408R RQESEGQGC	48	13
>CBL-W408R WQESEGQGC	93	>CBL-W408R RQESEGQGC	698	605
>CBL-W408R WQESEGQGC	12	>CBL-W408R RQESEGQGC	6	6

>CBL-W408R SWQESEGO	487	>CBL-W408R SRQESEGO	35570	35083
>CBL-W408R HLMCTSCLTS	15202	>CBL-W408R HLMCTSCLTS	157	15045
>CBL-W408R HLMCTSCLTS	14302	>CBL-W408R HLMCTSCLTS	40	14262
>CBL-W408R HLMCTSCLTS	123	>CBL-W408R HLMCTSCLTS	5843	5720
>CBL-W408R HLMCTSCLTS	19338	>CBL-W408R HLMCTSCLTS	44	19294
>CBL-W408R HLMCTSCLTS	22429	>CBL-W408R HLMCTSCLTS	57	22372
>CBL-W408R HLMCTSCLTS	228	>CBL-W408R HLMCTSCLTS	7403	7175
>CBL-W408R HLMCTSCLTS	267	>CBL-W408R HLMCTSCLTS	669	402
>CBL-W408R HLMCTSCLTS	129	>CBL-W408R HLMCTSCLTS	22209	22080
>CBL-W408R HLMCTSCLTS	85	>CBL-W408R HLMCTSCLTS	22620	22535
>CBL-W408R HLMCTSCLTS	18008	>CBL-W408R HLMCTSCLTS	43	17965
>CBL-W408R CTSCCLTSW	15699	>CBL-W408R CTSCCLTSR	136	15563
>CBL-W408R CTSCCLTSW	28368	>CBL-W408R CTSCCLTSR	177	28191
>CBL-W408R CTSCCLTSW	13392	>CBL-W408R CTSCCLTSR	21	13371
>CBL-W408R CTSCCLTSW	27	>CBL-W408R CTSCCLTSR	17961	17934
>CBL-W408R CTSCCLTSW	196	>CBL-W408R CTSCCLTSR	24182	23986
>CBL-W408R CTSCCLTSW	20	>CBL-W408R CTSCCLTSR	22091	22071
>CBL-W408R CTSCCLTSWQ	202	>CBL-W408R CTSCCLTSRQ	326	124
>CBL-W408R MCTSCLTSW	20738	>CBL-W408R MCTSCLTSR	102	20636
>CBL-W408R MCTSCLTSW	27376	>CBL-W408R MCTSCLTSR	362	27014
>CBL-W408R MCTSCLTSW	176	>CBL-W408R MCTSCLTSR	25905	25729
>CBL-W408R MCTSCLTSW	259	>CBL-W408R MCTSCLTSR	22508	22249
>CBL-W408R MCTSCLTSW	110	>CBL-W408R MCTSCLTSR	2723	2613
>CBL-W408R MCTSCLTSW	238	>CBL-W408R MCTSCLTSR	30517	30279
>CBL-W408R MCTSCLTSW	30589	>CBL-W408R MCTSCLTSR	184	30405
>CBL-W408R LMCTSCLTSM	432	>CBL-W408R LMCTSCLTSR	685	253
>CBL-W408R LMCTSCLTSM	14620	>CBL-W408R LMCTSCLTSR	21	14599
>CBL-W408R LMCTSCLTSM	23695	>CBL-W408R LMCTSCLTSR	155	23540
>CBL-W408R LMCTSCLTSM	128	>CBL-W408R LMCTSCLTSR	5543	5415
>CBL-W408R LMCTSCLTSM	167	>CBL-W408R LMCTSCLTSR	367	200
>CBL-W408R LMCTSCLTSM	82	>CBL-W408R LMCTSCLTSR	22421	22339
>CBL-W408R LMCTSCLTSM	61	>CBL-W408R LMCTSCLTSR	22312	22251
>CBL-W408R LMCTSCLTSM	135	>CBL-W408R LMCTSCLTSR	20842	20707
>CBL-W408R LMCTSCLTSM	28539	>CBL-W408R LMCTSCLTSR	153	28386
>CBL-W408R LMCTSCLTSM	29823	>CBL-W408R LMCTSCLTSR	212	29611
>CBL-Y371C- YCEMGSTF	304	>CBL-Y371C- LCCEMGSTF	3339	3035
>CBL-Y371C- LYCEMGSTF	29	>CBL-Y371C- LCCEMGSTF	26320	26291
>CBL-Y371C- LYCEMGSTFC	46	>CBL-Y371C- LCCEMGSTFC	21468	21422
>CBL-Y371C- LYCEMGSTF	119	>CBL-Y371C- LCCEMGSTF	11522	11403
>CBL-Y371C- LYCEMGSTFC	404	>CBL-Y371C- LCCEMGSTFC	20812	20408
>CBL-Y371C- LYCEMGSTF	94	>CBL-Y371C- LCCEMGSTF	7892	7798
>CBL-Y371C- LYCEMGSTFC	343	>CBL-Y371C- LCCEMGSTFC	18478	18135
>CBL-Y371C- LYCEMGSTF	6	>CBL-Y371C- LCCEMGSTF	9375	9369

>CBL-Y371C- <sup>1</sup> LYCEMGSTFC	7	>CBL-Y371C- <sup>1</sup> LCCEMGSTFC	14055	14048
>CBL-Y371C- <sup>1</sup> LYCEMGSTF	359	>CBL-Y371C- <sup>1</sup> LCCEMGSTF	294	65
>CBL-Y371C- <sup>1</sup> LYCEMGSTF	124	>CBL-Y371C- <sup>1</sup> LCCEMGSTF	20	104
>CBL-Y371C- <sup>1</sup> IKVTQEQYEL <sup>1</sup>	13	>CBL-Y371C- <sup>1</sup> IKVTQEQYEL <sup>1</sup>	3263	3250
>CBL-Y371C- <sup>1</sup> ELYCEMGSTF	202	>CBL-Y371C- <sup>1</sup> ELCCEMGSTF	464	262
>CBL-Y371C- <sup>1</sup> ELYCEMGSTF	71	>CBL-Y371C- <sup>1</sup> ELCCEMGSTF	67	4
>CBL-Y371C- <sup>1</sup> ELYCEMGSTF	414	>CBL-Y371C- <sup>1</sup> ELCCEMGSTF	438	24
>CBL-Y371C- <sup>1</sup> ELYCEMGSTF	87	>CBL-Y371C- <sup>1</sup> ELCCEMGSTF	232	145
>CBL-Y371C- <sup>1</sup> ELYCEMGSTF	104	>CBL-Y371C- <sup>1</sup> ELCCEMGSTF	998	894
>CBL-Y371C- <sup>1</sup> ELYCEMGSTF	45	>CBL-Y371C- <sup>1</sup> ELCCEMGSTF	490	445
>CBL-Y371C- <sup>1</sup> ELYCEMGSTF	342	>CBL-Y371C- <sup>1</sup> ELCCEMGSTF	3130	2788
>CBL-Y371C- <sup>1</sup> YELYCEMGST	471	>CBL-Y371C- <sup>1</sup> YELCCEMGST	1584	1113
>CBL-Y371C- <sup>1</sup> YELYCEMGST	7	>CBL-Y371C- <sup>1</sup> YELCCEMGST	7	0
>CBL-Y371C- <sup>1</sup> YELYCEMGST	8	>CBL-Y371C- <sup>1</sup> YELCCEMGST	8	0
>CBL-Y371C- <sup>1</sup> YELYCEMGST	504	>CBL-Y371C- <sup>1</sup> YELCCEMGST	257	247
>CBL-Y371C- <sup>1</sup> YELYCEMGST	49	>CBL-Y371C- <sup>1</sup> YELCCEMGST	79	30
>CBL-Y371C- <sup>1</sup> YELYCEMGST	158	>CBL-Y371C- <sup>1</sup> YELCCEMGST	929	771
>CBL-Y371C- <sup>1</sup> YELYCEMGST	139	>CBL-Y371C- <sup>1</sup> YELCCEMGST	259	120
>CBL-Y371C- <sup>1</sup> YELYCEMGST	1025	>CBL-Y371C- <sup>1</sup> YELCCEMGST	394	631
>CBL-Y371C- <sup>1</sup> YELYCEMGST	112	>CBL-Y371C- <sup>1</sup> YELCCEMGST	91	21
>CBL-Y371C- <sup>1</sup> YELYCEMGST	59	>CBL-Y371C- <sup>1</sup> YELCCEMGST	67	8
>CBL-Y371C- <sup>1</sup> YELYCEMGST	120	>CBL-Y371C- <sup>1</sup> YELCCEMGST	168	48
>CBL-Y371C- <sup>1</sup> YELYCEMGST	22	>CBL-Y371C- <sup>1</sup> YELCCEMGST	34	12
>CBL-Y371C- <sup>1</sup> EQYELYCEM	229	>CBL-Y371C- <sup>1</sup> EQYELCCEM	2862	2633
>CBL-Y371C- <sup>1</sup> EQYELYCEM	558	>CBL-Y371C- <sup>1</sup> EQYELCCEM	161	397
>CBL-Y371C- <sup>1</sup> EQYELYCEM	355	>CBL-Y371C- <sup>1</sup> EQYELCCEM	476	121
>CBL-Y371C- <sup>1</sup> EQYELYCEM	300	>CBL-Y371C- <sup>1</sup> EQYELCCEM	1039	739
>CBL-Y371C- <sup>1</sup> EQYELYCEM	122	>CBL-Y371C- <sup>1</sup> EQYELCCEM	102	20
>CBL-Y371C- <sup>1</sup> EQYELYCEM	70	>CBL-Y371C- <sup>1</sup> EQYELCCEM	120	50
>CBL-Y371C- <sup>1</sup> QEYELYC	556	>CBL-Y371C- <sup>1</sup> QEYELCC	306	250
>CBL-Y371C- <sup>1</sup> QEYELYCEN	119	>CBL-Y371C- <sup>1</sup> QEYELCCEN	73	46
>CBL-Y371C- <sup>1</sup> QEYELYCEN	257	>CBL-Y371C- <sup>1</sup> QEYELCCEN	609	352
>CBL-Y371C- <sup>1</sup> QEYELYCEN	280	>CBL-Y371C- <sup>1</sup> QEYELCCEN	667	387
>CBL-Y371C- <sup>1</sup> QEYELYCEN	249	>CBL-Y371C- <sup>1</sup> QEYELCCEN	557	308
>CBL-Y371C- <sup>1</sup> QEYELYC	487	>CBL-Y371C- <sup>1</sup> QEYELCC	415	72
>CBL-Y371C- <sup>1</sup> QEYELYCEN	295	>CBL-Y371C- <sup>1</sup> QEYELCCEN	1166	871
>CBL-Y371C- <sup>1</sup> QEYELYCEN	562	>CBL-Y371C- <sup>1</sup> QEYELCCEN	267	295
>CBL-Y371C- <sup>1</sup> VTQEQYELY	37	>CBL-Y371C- <sup>1</sup> VTQEQYELC	18038	18001
>CBL-Y371C- <sup>1</sup> VTQEQYELY	452	>CBL-Y371C- <sup>1</sup> VTQEQYELC	23676	23224
>CBL-Y371C- <sup>1</sup> VTQEQYELY	57	>CBL-Y371C- <sup>1</sup> VTQEQYELC	23207	23150
>CBL-Y371C- <sup>1</sup> VTQEQYELY	363	>CBL-Y371C- <sup>1</sup> VTQEQYELC	27608	27245
>CBL-Y371C- <sup>1</sup> VTQEQYELY	132	>CBL-Y371C- <sup>1</sup> VTQEQYELC	25172	25040
>CBL-Y371C- <sup>1</sup> VTQEQYELY	28	>CBL-Y371C- <sup>1</sup> VTQEQYELC	19926	19898

>CBL-Y371C-VTQEQYELY	63	>CBL-Y371C-VTQEQYELC	14435	14372
>CBL-Y371C-KVTQEQYELY	17	>CBL-Y371C-KVTQEQYELC	24356	24339
>CBL-Y371C-KVTQEQYELY	94	>CBL-Y371C-KVTQEQYELC	7039	6945
>CBL-Y371D-YCEMGSTF	304	>CBL-Y371D-DCEMGSTF	2107	1803
>CBL-Y371D-LYCEMGSTF	29	>CBL-Y371D-LDCEMGSTF	28147	28118
>CBL-Y371D-LYCEMGSTFC	46	>CBL-Y371D-LDCEMGSTFC	23712	23666
>CBL-Y371D-LYCEMGSTF	119	>CBL-Y371D-LDCEMGSTF	15562	15443
>CBL-Y371D-LYCEMGSTFC	404	>CBL-Y371D-LDCEMGSTFC	23891	23487
>CBL-Y371D-LYCEMGSTF	94	>CBL-Y371D-LDCEMGSTF	15826	15732
>CBL-Y371D-LYCEMGSTFC	343	>CBL-Y371D-LDCEMGSTFC	25604	25261
>CBL-Y371D-LYCEMGSTF	6	>CBL-Y371D-LDCEMGSTF	20250	20244
>CBL-Y371D-LYCEMGSTFC	7	>CBL-Y371D-LDCEMGSTFC	23489	23482
>CBL-Y371D-LYCEMGSTF	359	>CBL-Y371D-LDCEMGSTF	770	411
>CBL-Y371D-LYCEMGSTF	3529	>CBL-Y371D-LDCEMGSTF	423	3106
>CBL-Y371D-LYCEMGSTF	124	>CBL-Y371D-LDCEMGSTF	94	30
>CBL-Y371D-IKVTQEQYEL	13	>CBL-Y371D-IKVTQEQYELI	11514	11501
>CBL-Y371D-ELYCEMGSTF	202	>CBL-Y371D-ELDCEMGSTF	390	188
>CBL-Y371D-ELYCEMGSTF	71	>CBL-Y371D-ELDCEMGSTF	5213	5142
>CBL-Y371D-ELYCEMGSTF	414	>CBL-Y371D-ELDCEMGSTF	5170	4756
>CBL-Y371D-ELYCEMGSTF	87	>CBL-Y371D-ELDCEMGSTF	4745	4658
>CBL-Y371D-ELYCEMGSTF	104	>CBL-Y371D-ELDCEMGSTF	1766	1662
>CBL-Y371D-ELYCEMGSTF	45	>CBL-Y371D-ELDCEMGSTF	2892	2847
>CBL-Y371D-ELYCEMGSTF	342	>CBL-Y371D-ELDCEMGSTF	6740	6398
>CBL-Y371D-YELYCEMGST	471	>CBL-Y371D-YELDCEMGST	1323	852
>CBL-Y371D-YELYCEMGST	7	>CBL-Y371D-YELDCEMGST	13	6
>CBL-Y371D-YELYCEMGST	8	>CBL-Y371D-YELDCEMGST	7	1
>CBL-Y371D-YELYCEMGST	504	>CBL-Y371D-YELDCEMGST	327	177
>CBL-Y371D-YELYCEMGST	49	>CBL-Y371D-YELDCEMGST	61	12
>CBL-Y371D-YELYCEMGST	158	>CBL-Y371D-YELDCEMGST	526	368
>CBL-Y371D-YELYCEMGST	139	>CBL-Y371D-YELDCEMGST	130	9
>CBL-Y371D-YELYCEMGST	112	>CBL-Y371D-YELDCEMGST	102	10
>CBL-Y371D-YELYCEMGST	59	>CBL-Y371D-YELDCEMGST	79	20
>CBL-Y371D-YELYCEMGST	120	>CBL-Y371D-YELDCEMGST	779	659
>CBL-Y371D-YELYCEMGST	22	>CBL-Y371D-YELDCEMGST	18	4
>CBL-Y371D-EQYELYCEM	229	>CBL-Y371D-EQYELDCEM	6540	6311
>CBL-Y371D-EQYELYCEM	355	>CBL-Y371D-EQYELDCEM	1084	729
>CBL-Y371D-EQYELYCEM	300	>CBL-Y371D-EQYELDCEM	4029	3729
>CBL-Y371D-EQYELYCEM	122	>CBL-Y371D-EQYELDCEM	127	5
>CBL-Y371D-EQYELYCEM	70	>CBL-Y371D-EQYELDCEM	385	315
>CBL-Y371D-EQYELYCEM	976	>CBL-Y371D-EQYELDCEM	237	739
>CBL-Y371D-QEQYELYCEN	119	>CBL-Y371D-QEQYELDCEN	280	161
>CBL-Y371D-QEQYELYCEN	257	>CBL-Y371D-QEQYELDCEN	689	432
>CBL-Y371D-QEQYELYCEN	280	>CBL-Y371D-QEQYELDCEN	623	343

>CBL-Y371D- QEQYELYCEN	249	>CBL-Y371D- QEQYELDCEN	484	235
>CBL-Y371D- QEQYELYC	487	>CBL-Y371D- QEQYELDC	1319	832
>CBL-Y371D- QEQYELYCEN	295	>CBL-Y371D- QEQYELDCEN	596	301
>CBL-Y371D- VTQEQYELY	37	>CBL-Y371D- VTQEQYELD	20147	20110
>CBL-Y371D- VTQEQYELY	452	>CBL-Y371D- VTQEQYELD	23825	23373
>CBL-Y371D- VTQEQYELY	57	>CBL-Y371D- VTQEQYELD	24476	24419
>CBL-Y371D- VTQEQYELY	363	>CBL-Y371D- VTQEQYELD	28981	28618
>CBL-Y371D- VTQEQYELY	132	>CBL-Y371D- VTQEQYELD	25068	24936
>CBL-Y371D- VTQEQYELY	28	>CBL-Y371D- VTQEQYELD	23467	23439
>CBL-Y371D- VTQEQYELY	63	>CBL-Y371D- VTQEQYELD	19605	19542
>CBL-Y371D- KVTQEQYELY	17	>CBL-Y371D- KVTQEQYELC	24014	23997
>CBL-Y371D- KVTQEQYELY	94	>CBL-Y371D- KVTQEQYELC	16589	16495
>CBL-Y371H- YCEMGSTF	304	>CBL-Y371H- HCEMGSTF	623	319
>CBL-Y371H- LYCEMGSTF	29	>CBL-Y371H- LHCEMGSTF	11294	11265
>CBL-Y371H- LYCEMGSTFC	46	>CBL-Y371H- LHCEMGSTFC	7247	7201
>CBL-Y371H- LYCEMGSTF	119	>CBL-Y371H- LHCEMGSTF	4318	4199
>CBL-Y371H- LYCEMGSTFC	404	>CBL-Y371H- LHCEMGSTFC	10694	10290
>CBL-Y371H- LYCEMGSTF	94	>CBL-Y371H- LHCEMGSTF	3432	3338
>CBL-Y371H- LYCEMGSTFC	343	>CBL-Y371H- LHCEMGSTFC	10320	9977
>CBL-Y371H- LYCEMGSTF	6	>CBL-Y371H- LHCEMGSTF	3216	3210
>CBL-Y371H- LYCEMGSTFC	7	>CBL-Y371H- LHCEMGSTFC	7263	7256
>CBL-Y371H- LYCEMGSTF	359	>CBL-Y371H- LHCEMGSTF	34	325
>CBL-Y371H- LYCEMGSTFC	5929	>CBL-Y371H- LHCEMGSTFC	89	5840
>CBL-Y371H- LYCEMGSTF	124	>CBL-Y371H- LHCEMGSTF	276	152
>CBL-Y371H- IKVTQEQYEL	13	>CBL-Y371H- IKVTQEQYELI	821	808
>CBL-Y371H- ELYCEMGSTF	202	>CBL-Y371H- ELHCEMGSTF	439	237
>CBL-Y371H- ELYCEMGSTF	71	>CBL-Y371H- ELHCEMGSTF	115	44
>CBL-Y371H- ELYCEMGSTF	414	>CBL-Y371H- ELHCEMGSTF	266	148
>CBL-Y371H- ELYCEMGSTF	87	>CBL-Y371H- ELHCEMGSTF	187	100
>CBL-Y371H- ELYCEMGSTF	104	>CBL-Y371H- ELHCEMGSTF	295	191
>CBL-Y371H- ELYCEMGSTF	45	>CBL-Y371H- ELHCEMGSTF	157	112
>CBL-Y371H- ELYCEMGSTF	342	>CBL-Y371H- ELHCEMGSTF	2429	2087
>CBL-Y371H- YELYCEMGST	471	>CBL-Y371H- YELHCEMGST	550	79
>CBL-Y371H- YELYCEMGST	7	>CBL-Y371H- YELHCEMGST	7	0
>CBL-Y371H- YELYCEMGST	8	>CBL-Y371H- YELHCEMGST	13	5
>CBL-Y371H- YELYCEMGST	504	>CBL-Y371H- YELHCEMGST	377	127
>CBL-Y371H- YELYCEMGST	49	>CBL-Y371H- YELHCEMGST	78	29
>CBL-Y371H- YELYCEMGST	158	>CBL-Y371H- YELHCEMGST	349	191
>CBL-Y371H- YELYCEMGST	139	>CBL-Y371H- YELHCEMGST	120	19
>CBL-Y371H- YELYCEMGST	112	>CBL-Y371H- YELHCEMGST	84	28
>CBL-Y371H- YELYCEMGST	59	>CBL-Y371H- YELHCEMGST	81	22
>CBL-Y371H- YELYCEMGST	120	>CBL-Y371H- YELHCEMGST	469	349
>CBL-Y371H- YELYCEMGST	22	>CBL-Y371H- YELHCEMGST	27	5



>CBL-Y371H- EQYELYCEM	229	>CBL-Y371H- EQYELHCEM	1637	1408
>CBL-Y371H- EQYELYCEM	355	>CBL-Y371H- EQYELHCEM	1068	713
>CBL-Y371H- EQYELYCEM	300	>CBL-Y371H- EQYELHCEM	448	148
>CBL-Y371H- EQYELYCEM	122	>CBL-Y371H- EQYELHCEM	89	33
>CBL-Y371H- EQYELYCEM	70	>CBL-Y371H- EQYELHCEM	88	18
>CBL-Y371H- QEYELYCEM	119	>CBL-Y371H- QEYELHCEM	201	82
>CBL-Y371H- QEYELYCEM	257	>CBL-Y371H- QEYELHCEM	466	209
>CBL-Y371H- QEYELYCEM	280	>CBL-Y371H- QEYELHCEM	512	232
>CBL-Y371H- QEYELYCEM	249	>CBL-Y371H- QEYELHCEM	478	229
>CBL-Y371H- QEYELYC	487	>CBL-Y371H- QEYELHC	990	503
>CBL-Y371H- QEYELYCEM	295	>CBL-Y371H- QEYELHCEM	623	328
>CBL-Y371H- VTQEYELY	37	>CBL-Y371H- VTQEYELH	13922	13885
>CBL-Y371H- VTQEYELY	452	>CBL-Y371H- VTQEYELH	3897	3445
>CBL-Y371H- VTQEYELY	57	>CBL-Y371H- VTQEYELH	9446	9389
>CBL-Y371H- VTQEYELY	363	>CBL-Y371H- VTQEYELH	14918	14555
>CBL-Y371H- VTQEYELY	132	>CBL-Y371H- VTQEYELH	15644	15512
>CBL-Y371H- VTQEYELY	28	>CBL-Y371H- VTQEYELH	11996	11968
>CBL-Y371H- VTQEYELY	63	>CBL-Y371H- VTQEYELH	1877	1814
>CBL-Y371H- KVTQEYELY	17	>CBL-Y371H- KVTQEYELH	11013	10996
>CBL-Y371H- KVTQEYELY	94	>CBL-Y371H- KVTQEYELH	6605	6511
>CBLB-D759E DLSIYLKGDV	580	>CBLB-D759E ELSIYLKGDV	337	243
>CBLB-D759E DLSIYLKGDV	148	>CBLB-D759E ELSIYLKGDV	38	110
>CBLB-D759E PDLIYLKGDV	7707	>CBLB-D759E PELIYLKGDV	409	7298
>CBLB-D759E PDLIYLKGDV	104	>CBLB-D759E PELIYLKGDV	5724	5620
>CBLB-D759E IPDLIYL	33	>CBLB-D759E IPELSIYL	34	1
>CBLB-D759E IPDLIYL	467	>CBLB-D759E IPELSIYL	364	103
>CBLB-D759E IPDLIYL	237	>CBLB-D759E IPELSIYL	245	8
>CBLB-D759E NIPDLIYL	269	>CBLB-D759E NIPELSIYL	277	8
>CBLB-D759E NIPDLIYL	46	>CBLB-D759E NIPELSIYL	73	27
>CBLB-D759E NIPDLIYL	56	>CBLB-D759E NIPELSIYL	48	8
>CBLB-D759E NIPDLIYL	135	>CBLB-D759E NIPELSIYL	90	45
>CBLB-D759E NIPDLIYL	449	>CBLB-D759E NIPELSIYL	285	164
>CBLB-D759E NIPDLIYL	384	>CBLB-D759E NIPELSIYL	949	565
>CBLB-D759E NIPDLIYLK	235	>CBLB-D759E NIPELSIYLK	602	367
>CBLB-D759E NIPDLIYLK	42	>CBLB-D759E NIPELSIYLK	64	22
>CBLB-D759E NIPDLIYLK	10	>CBLB-D759E NIPELSIYLK	13	3
>CBLB-D759E NIPDLIYL	37	>CBLB-D759E NIPELSIYL	51	14
>CBLB-D759E NIPDLIYL	226	>CBLB-D759E NIPELSIYL	96	130
>CBLB-D759E NIPDLIYL	125	>CBLB-D759E NIPELSIYL	136	11
>CBLB-D759E NIPDLIYLK	439	>CBLB-D759E NIPELSIYLK	883	444
>CBLB-D759E SNIPDLIYL	363	>CBLB-D759E SNIPELSIYL	516	153
>CBLB-D759E SNIPDLIYL	186	>CBLB-D759E SNIPELSIYL	251	65
>CBLB-D759E SNIPDLIYLK	241	>CBLB-D759E SNIPELSIYLK	217	24

>CBLB-D759E SNIPDLSIY	37	>CBLB-D759E SNIPELSIY	76	39
>CBLB-D759E SNIPDLSIY	451	>CBLB-D759E SNIPELSIY	669	218
>CBLB-D759E SNIPDLSIY	109	>CBLB-D759E SNIPELSIY	185	76
>CBLB-D759E SNIPDLSIY	28	>CBLB-D759E SNIPELSIY	39	11
>CBLB-D759E SNIPDLSIYLK	433	>CBLB-D759E SNIPELSIYLK	487	54
>CBLB-D759E SNIPDLSI	94	>CBLB-D759E SNIPELSI	152	58
>CBLB-D759E KSNIPDLSIY	266	>CBLB-D759E KSNIPELSIY	317	51
>CBLB-D759E KSNIPDLSI	433	>CBLB-D759E KSNIPELSI	462	29
>CBLB-D759E KSNIPDLSIYL	136	>CBLB-D759E KSNIPELSIYL	145	9
>CBLB-D759E KSNIPDLSIY	38	>CBLB-D759E KSNIPELSIY	44	6
>CBLB-D759E KSNIPDLSI	82	>CBLB-D759E KSNIPELSI	106	24
>CBLB-D759E KSNIPDLSIY	442	>CBLB-D759E KSNIPELSIY	853	411
>CBLB-D759E KSNIPDLSIY	155	>CBLB-D759E KSNIPELSIY	118	37
>CBLB-D759E KSNIPDLSI	8	>CBLB-D759E KSNIPELSI	13	5
>CBLB-D759E KSNIPDLSIY	5	>CBLB-D759E KSNIPELSIY	4	1
>CBLB-D759E KSNIPDLSIYL	6	>CBLB-D759E KSNIPELSIYL	8	2
>CBLB-D759E KSNIPDLSIY	324	>CBLB-D759E KSNIPELSIY	311	13
>CBLB-D759E KSNIPDLSI	23	>CBLB-D759E KSNIPELSI	30	7
>CBLB-D759E KSNIPDLSIY	26	>CBLB-D759E KSNIPELSIY	28	2
>CBLB-D759E KSNIPDLSIYL	32	>CBLB-D759E KSNIPELSIYL	39	7
>CBLB-D759E KSNIPDLSIYL	211	>CBLB-D759E KSNIPELSIYL	253	42
>CBLB-D759E KSNIPDLSIY	75	>CBLB-D759E KSNIPELSIY	60	15
>CBLB-D759E KSNIPDLSI	18	>CBLB-D759E KSNIPELSI	47	29
>CBLB-D759E KSNIPDLSIY	56	>CBLB-D759E KSNIPELSIY	77	21
>CBLB-D759E KSNIPDLSI	73	>CBLB-D759E KSNIPELSI	47	26
>CBLB-D759E KSNIPDLSIY	88	>CBLB-D759E KSNIPELSIY	49	39
>CBLB-D759E KSNIPDLSI	8	>CBLB-D759E KSNIPELSI	5	3
>CBLB-D759E KSNIPDLSIY	97	>CBLB-D759E KSNIPELSIY	97	0
>CBLB-D759E KSNIPDLSI	228	>CBLB-D759E KSNIPELSI	137	91
>CBLB-D759E KSNIPDLSIY	265	>CBLB-D759E KSNIPELSIY	161	104
>CBLB-D759E KSNIPDLSI	324	>CBLB-D759E KSNIPELSI	213	111
>CBLB-D759E KSNIPDLSIY	258	>CBLB-D759E KSNIPELSIY	282	24
>CBLB-D759E KSNIPDLSI	1550	>CBLB-D759E KSNIPELSI	412	1138
>CBLB-D759E KSNIPDLSIY	637	>CBLB-D759E KSNIPELSIY	272	365
>CBLB-D759E KSNIPDLSI	738	>CBLB-D759E KSNIPELSI	458	280
>CBLB-D759E KSNIPDLSIY	8	>CBLB-D759E KSNIPELSIY	14	6
>CBLB-D759E KSNIPDLSI	322	>CBLB-D759E KSNIPELSI	970	648
>CBLB-D759E KSNIPDLSIY	1075	>CBLB-D759E KSNIPELSIY	185	890
>CBLB-D759E KSNIPDLSI	163	>CBLB-D759E KSNIPELSI	318	155
>CBLB-D759E KSNIPDLSIY	1287	>CBLB-D759E KSNIPELSIY	280	1007
>CBLB-D759E KSNIPDLSI	49	>CBLB-D759E KSNIPELSI	158	109
>CBLB-D759E KSNIPDLSIY	1082	>CBLB-D759E KSNIPELSIY	485	597
>CBLB-D759E KSNIPDLSI	39	>CBLB-D759E KSNIPELSI	74	35

>CBLB-G244(PWGSILRNW	205	>CBLB-G244(PWCSILRNW	348	143
>CBLB-G244(PWGSILRNW	79	>CBLB-G244(PWCSILRNW	100	21
>CBLB-G244(QPWGSILRN\	654	>CBLB-G244(QPWCSILRN\	248	406
>CBLB-G244(QPWGSILRN\	11	>CBLB-G244(QPWCSILRN\	11	0
>CBLB-G244(QPWGSILR	77	>CBLB-G244(QPWCSILR	43	34
>CBLB-G244(FQPWGSIL	732	>CBLB-G244(FQPWCSIL	204	528
>CBLB-G244(FQPWGSIL	623	>CBLB-G244(FQPWCSIL	166	457
>CBLB-G244(FQPWGSIL	153	>CBLB-G244(FQPWCSIL	152	1
>CBLB-G244(FQPWGSIL	11	>CBLB-G244(FQPWCSIL	12	1
>CBLB-G244(FQPWGSIL	325	>CBLB-G244(FQPWCSIL	1020	695
>CBLB-G244(FQPWGSIL	336	>CBLB-G244(FQPWCSIL	269	67
>CBLB-G244(FQPWGSIL	44	>CBLB-G244(FQPWCSIL	93	49
>CBLB-G244(FQPWGSIL	166	>CBLB-G244(FQPWCSIL	304	138
>CBLB-G244(FQPWGSIL	480	>CBLB-G244(FQPWCSIL	2207	1727
>CBLB-G244(FQPWGSILR	184	>CBLB-G244(FQPWCSILR	32	152
>CBLB-G244(LFQPWGSIL	383	>CBLB-G244(LFQPWCSIL	220	163
>CBLB-G244(LFQPWGSIL	308	>CBLB-G244(LFQPWCSIL	53	255
>CBLB-G244(LFQPWGSIL	595	>CBLB-G244(LFQPWCSIL	428	167
>CBLB-G244(LFQPWGSIL	60	>CBLB-G244(LFQPWCSIL	83	23
>CBLB-G244(LFQPWGSIL	84	>CBLB-G244(LFQPWCSIL	72	12
>CBLB-G244(LFQPWGSILR	23	>CBLB-G244(LFQPWCSILR	10	13
>CBLB-G244(LFQPWGSILR	104	>CBLB-G244(LFQPWCSILR	50	54
>CBLB-G244(LFQPWGSILR	278	>CBLB-G244(LFQPWCSILR	371	93
>CBLB-G244(LFQPWGSIL	150	>CBLB-G244(LFQPWCSIL	130	20
>CBLB-G244(LFQPWGSILR	150	>CBLB-G244(LFQPWCSILR	73	77
>CBLB-G244(LFQPWGSILR	376	>CBLB-G244(LFQPWCSILR	153	223
>CBLB-G244(LFQPWGSIL	234	>CBLB-G244(LFQPWCSIL	195	39
>CBLB-G244(LFQPWGSIL	202	>CBLB-G244(LFQPWCSIL	57	145
>CBLB-G244(LFQPWGSIL	496	>CBLB-G244(LFQPWCSIL	1019	523
>CBLB-G244(RLFQPWGSIL	511	>CBLB-G244(RLFQPWCSIL	65	446
>CBLB-G244(RLFQPWGSIL	885	>CBLB-G244(RLFQPWCSIL	330	555
>CBLB-G244(RLFQPWGSIL	919	>CBLB-G244(RLFQPWCSIL	311	608
>CBLB-G244(RLFQPWGSIL	88	>CBLB-G244(RLFQPWCSIL	85	3
>CBLB-G244(RLFQPWGSIL	46	>CBLB-G244(RLFQPWCSIL	72	26
>CBLB-G244(RLFQPWGSIL	118	>CBLB-G244(RLFQPWCSIL	55	63
>CBLB-G244(RLFQPWGSIL	440	>CBLB-G244(RLFQPWCSIL	64	376
>CBLB-G244(RLFQPWGS	33	>CBLB-G244(RLFQPWCS	80	47
>CBLB-G244(RLFQPWGSIL	4	>CBLB-G244(RLFQPWCSIL	2	2
>CBLB-G244(RLFQPWGSIL	6	>CBLB-G244(RLFQPWCSIL	7	1
>CBLB-G244(RLFQPWGSIL	968	>CBLB-G244(RLFQPWCSIL	91	877
>CBLB-G244(RLFQPWGSIL	169	>CBLB-G244(RLFQPWCSIL	128	41
>CBLB-G244(RLFQPWGSIL	116	>CBLB-G244(RLFQPWCSIL	11	105
>CBLB-G244(RLFQPWGSIL	44	>CBLB-G244(RLFQPWCSIL	25	19

>CBLB-G244(RLFQPWGS	402	>CBLB-G244(RLFQPWCS	521	119
>CBLB-G244(RLFQPWGS	76	>CBLB-G244(RLFQPWCSI	11	65
>CBLB-G244(RLFQPWGSIL	14	>CBLB-G244(RLFQPWCSIL	9	5
>CBLB-G244(RLFQPWGSIL	39	>CBLB-G244(RLFQPWCSIL	43	4
>CBLB-G244(RLFQPWGSIL	172	>CBLB-G244(RLFQPWCSIL	119	53
>CBLB-G244(RLFQPWGS	448	>CBLB-G244(RLFQPWCSI	127	321
>CBLB-G244(RLFQPWGSIL	19	>CBLB-G244(RLFQPWCSIL	16	3
>CBLB-G244(RLFQPWGS	152	>CBLB-G244(RLFQPWCSI	31	121
>CBLB-G244(RLFQPWGSIL	393	>CBLB-G244(RLFQPWCSIL	182	211
>CBLB-G244(RLFQPWGSIL	365	>CBLB-G244(RLFQPWCSIL	258	107
>CBLB-G244(RLFQPWGS	317	>CBLB-G244(RLFQPWCSI	123	194
>CBLB-G244(RLFQPWGSIL	189	>CBLB-G244(RLFQPWCSIL	178	11
>CBLB-G244(RLFQPWGS	399	>CBLB-G244(RLFQPWCSI	947	548
>CBLB-G244(RLFQPWGSIL	298	>CBLB-G244(RLFQPWCSIL	991	693
>CBLB-G244(RLFQPWGS	689	>CBLB-G244(RLFQPWCSI	133	556
>CBLB-G244(RLFQPWGSIL	61	>CBLB-G244(RLFQPWCSIL	47	14
>CBLB-G244(RLFQPWGS	628	>CBLB-G244(RLFQPWCSI	193	435
>CBLB-G244(RLFQPWGSIL	137	>CBLB-G244(RLFQPWCSIL	187	50
>CBLB-G244(RLFQPWGSIL	31	>CBLB-G244(RLFQPWCSIL	18	13
>CBLB-G244(RLFQPWGS	35	>CBLB-G244(RLFQPWCSI	105	70
>CBLB-G244(TRLFQPWGS	354	>CBLB-G244(TRLFQPWCSI	1083	729
>CBLB-G244(TRLFQPWGS	59	>CBLB-G244(TRLFQPWCSI	78	19
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>CBLB-G244(TRLFQPWGS	109	>CBLB-G244(TRLFQPWCSI	107	2
>CBLB-G244(FTRLFQPWG	135	>CBLB-G244(FTRLFQPWC	60	75
>CBLB-G244(FTRLFQPWG	50	>CBLB-G244(FTRLFQPWC	31	19
>CBLB-G244(FTRLFQPWG	64	>CBLB-G244(FTRLFQPWC	192	128
>CBLB-G244(FTRLFQPWG	18	>CBLB-G244(FTRLFQPWC	33	15
>CBLB-I619M ITASSNVGR	639	>CBLB-I619M MTASSNVG	195	444
>CBLB-I619M ITASSNVN	2803	>CBLB-I619M MTASSNVN	283	2520
>CBLB-I619M ITASSNVGR	20	>CBLB-I619M MTASSNVG	6	14
>CBLB-I619M ITASSNVGR	791	>CBLB-I619M MTASSNVG	69	722
>CBLB-I619M ITASSNVNG	6326	>CBLB-I619M MTASSNVG	179	6147
>CBLB-I619M ITASSNVGR	36	>CBLB-I619M MTASSNVG	44	8
>CBLB-I619M GITASSNV	2324	>CBLB-I619M GMTASSNV	122	2202
>CBLB-I619M GITASSNV	144	>CBLB-I619M GMTASSNV	12	132
>CBLB-I619M GITASSNV	34	>CBLB-I619M GMTASSNV	5	29
>CBLB-I619M GITASSNV	542	>CBLB-I619M GMTASSNV	161	381
>CBLB-I619M GITASSNV	420	>CBLB-I619M GMTASSNV	10	410
>CBLB-I619M GITASSNV	366	>CBLB-I619M GMTASSNV	5	361
>CBLB-I619M GITASSNV	60	>CBLB-I619M GMTASSNV	7	53
>CBLB-I619M GITASSNV	2728	>CBLB-I619M GMTASSNV	33	2695
>CBLB-I619M GITASSNV	11	>CBLB-I619M GMTASSNV	3	8

>CBLB-I619M GITASSNVNG	1809	>CBLB-I619M GMTASSNVN	324	1485
>CBLB-I619M GITASSNVNG	222	>CBLB-I619M GMTASSNVN	570	348
>CBLB-I619M LLGEGSPKPG	193	>CBLB-I619M LLGEGSPKPG	856	663
>CBLB-I619M LLGEGSPKPG	181	>CBLB-I619M LLGEGSPKPG	2336	2155
>CBLB-I619M LLGEGSPKPG	131	>CBLB-I619M LLGEGSPKPG	619	488
>CBLB-I619M LLGEGSPKPG	4	>CBLB-I619M LLGEGSPKPG	18	14
>CBLB-I619M LLGEGSPKPG	20	>CBLB-I619M LLGEGSPKPG	134	114
>CBLB-I619M LLGEGSPKPG	10	>CBLB-I619M LLGEGSPKPG	45	35
>CBLB-I619M LLGEGSPKPG	9	>CBLB-I619M LLGEGSPKPG	27	18
>CBLB-I619M LLGEGSPKPG	4	>CBLB-I619M LLGEGSPKPG	9	5
>CBLB-I619M KPGITASSNV	465	>CBLB-I619M KPGMTASSN'	200	265
>CBLB-I619M SPKPGITA	791	>CBLB-I619M SPKPGMTA	335	456
>CBLB-I619M GEGSPKPGI	356	>CBLB-I619M GEGSPKPGM	673	317
>CBLB-I619M GEGSPKPGIT,	59	>CBLB-I619M GEGSPKPGM	88	29
>CBLB-I619M GEGSPKPGI	32	>CBLB-I619M GEGSPKPGM	377	345
>CBLB-P509S PRLDLIQK	610	>CBLB-P509S SRLDLIQK	69	541
>CBLB-P509S PRLDLIQKGI	1709	>CBLB-P509S SRLDLIQKGI	68	1641
>CBLB-P509S PPRDLIQK	13821	>CBLB-P509S PSRLDLIQK	45	13776
>CBLB-P509S IPHLSLPPVPP	88	>CBLB-P509S IPHLSLPPVPS	48	40
>CBLB-P509S VPPRLDLI	237	>CBLB-P509S VPSRLDLI	12548	12311
>CBLB-P509S VPPRLDLI	434	>CBLB-P509S VPSRLDLI	271	163
>CBLB-P509S VPPRLDLI	1973	>CBLB-P509S VPSRLDLI	256	1717
>CBLB-P509S PPVPPRLDL	43	>CBLB-P509S PPVPSRLDL	9	34
>CBLB-P509S PPVPPRLDL	134	>CBLB-P509S PPVPSRLDL	202	68
>CBLB-P509S LPPVPPRL	454	>CBLB-P509S LPPVPSRL	1327	873
>CBLB-P509S LPPVPPRLDL	214	>CBLB-P509S LPPVPSRLDL	143	71
>CBLB-P509S LPPVPPRL	1569	>CBLB-P509S LPPVPSRL	339	1230
>CBLB-P509S LPPVPPRLDL	194	>CBLB-P509S LPPVPSRLDL	223	29
>CBLB-P509S LPPVPPRLDLI	66	>CBLB-P509S LPPVPSRLDLI	68	2
>CBLB-P509S LPPVPPRLDLI	150	>CBLB-P509S LPPVPSRLDLI	137	13
>CBLB-P509S LPPVPPRL	68	>CBLB-P509S LPPVPSRL	56	12
>CBLB-P509S LPPVPPRLDL	562	>CBLB-P509S LPPVPSRLDL	310	252
>CBLB-P509S LPPVPPRLDLI	131	>CBLB-P509S LPPVPSRLDLI	59	72
>CBLB-P509S SLPPVPPRL	58	>CBLB-P509S SLPPVPSRL	323	265
>CBLB-P509S SLPPVPPRL	130	>CBLB-P509S SLPPVPSRL	67	63
>CBLB-P509S SLPPVPPRL	104	>CBLB-P509S SLPPVPSRL	21	83
>CBLB-P509S SLPPVPPRLDI	720	>CBLB-P509S SLPPVPSRLDI	306	414
>CBLB-P509S SLPPVPPRL	4	>CBLB-P509S SLPPVPSRL	5	1
>CBLB-P509S SLPPVPPRLDI	95	>CBLB-P509S SLPPVPSRLDI	141	46
>CBLB-P509S SLPPVPPRL	289	>CBLB-P509S SLPPVPSRL	279	10
>CBLB-P509S SLPPVPPRL	7	>CBLB-P509S SLPPVPSRL	25	18
>CBLB-P509S SLPPVPPRLDI	63	>CBLB-P509S SLPPVPSRLDI	92	29
>CBLB-P509S SLPPVPPRL	167	>CBLB-P509S SLPPVPSRL	665	498

>CBLB-P509S SLPPVPPRL	6	>CBLB-P509S SLPPVPSRL	5	1
>CBLB-P509S SLPPVPPRLDI	12	>CBLB-P509S SLPPVPSRLDI	11	1
>CBLB-P509S SLPPVPPRL	77	>CBLB-P509S SLPPVPSRL	135	58
>CBLB-P509S SLPPVPPRLDI	144	>CBLB-P509S SLPPVPSRLDI	196	52
>CBLB-P509S SLPPVPPR	260	>CBLB-P509S SLPPVPSR	961	701
>CBLB-P509S LSLPPVPPR	235	>CBLB-P509S LSLPPVPSR	900	665
>CBLB-P509S LSLPPVPPR	39	>CBLB-P509S LSLPPVPSR	133	94
>CBLB-P509S LSLPPVPPRL	756	>CBLB-P509S LSLPPVPSRL	438	318
>CBLB-P509S LSLPPVPPRL	7	>CBLB-P509S LSLPPVPSRL	5	2
>CBLB-P509S LSLPPVPPRL	95	>CBLB-P509S LSLPPVPSRL	133	38
>CBLB-P509S LSLPPVPPRL	767	>CBLB-P509S LSLPPVPSRL	238	529
>CBLB-P509S LSLPPVPPRL	736	>CBLB-P509S LSLPPVPSRL	149	587
>CBLB-P509S HLSLPPVPPRI	152	>CBLB-P509S HLSLPPVPSRI	93	59
>CBLB-P509S HLSLPPVPPRI	544	>CBLB-P509S HLSLPPVPSRI	184	360
>CBLB-P509S HLSLPPVPPRI	63	>CBLB-P509S HLSLPPVPSRI	98	35
>CBLB-P509S HLSLPPVPPRI	475	>CBLB-P509S HLSLPPVPSRI	529	54
>CBLB-P509S HLSLPPVPPRI	207	>CBLB-P509S HLSLPPVPSRI	709	502
>CBLB-P509S HLSLPPVPPRI	373	>CBLB-P509S HLSLPPVPSRI	923	550
>CBLB-P509S HLSLPPVPPRI	23	>CBLB-P509S HLSLPPVPSRI	29	6
>CBLB-P509S HLSLPPVPPR	481	>CBLB-P509S HLSLPPVPSR	944	463
>CBLB-P509S HLSLPPVPPR	108	>CBLB-P509S HLSLPPVPSR	290	182
>CBLB-P509S HLSLPPVPPR	181	>CBLB-P509S HLSLPPVPSR	185	4
>CBLB-P509S HLSLPPVPPR	71	>CBLB-P509S HLSLPPVPSR	216	145
>CBLC-P444L PRKPRNAQPI	736	>CBLC-P444L LRKPRNAQPI	87	649
>CBLC-P444L PPRKPRNAQI	5828	>CBLC-P444L PLRKPRNAQI	16	5812
>CBLC-P444L PPRKPRNA	313	>CBLC-P444L PLRKPRNA	21172	20859
>CBLC-P444L PPRKPRNAQ	54	>CBLC-P444L PLRKPRNAQ	14474	14420
>CBLC-P444L PPLPPRPDLPI	19160	>CBLC-P444L PPLPPRPDLPI	147	19013
>CBLC-P444L LPPRKPRNA	476	>CBLC-P444L LPLRKPRNA	90	386
>CBLC-P444L DLPPRKPR	128	>CBLC-P444L DLPLRKPR	72	56
>CBLC-P444L PRPDLPKPR	1029	>CBLC-P444L PRPDLPKPR	370	659
>CBLC-P444L PPRPDLP	13442	>CBLC-P444L PPRPDLP	61	13381
>CBLC-P444L LPPRPDLPP	16406	>CBLC-P444L LPPRPDLPL	29	16377
>CBLC-P444L LPPRPDLPP	5527	>CBLC-P444L LPPRPDLPL	157	5370
>CBLC-P444L PLPPRPDLPP	23976	>CBLC-P444L PLPPRPDLPL	178	23798
>CCDC6-A22IAEKRILQEKL	1572	>CCDC6-A22ISEKRILQEKL	225	1347
>CCDC6-A22IAEKRILQEKL	479	>CCDC6-A22ISEKRILQEKL	651	172
>CCDC6-A22IAEKRILQEK	310	>CCDC6-A22ISEKRILQEK	1116	806
>CCDC6-A22IAEKRILQEKL	56	>CCDC6-A22ISEKRILQEKL	388	332
>CCDC6-A22IRLWKRMDKL	111	>CCDC6-A22IRLWKRMDKL	4632	4521
>CCDC6-A22IRLWKRMDKL	31	>CCDC6-A22IRLWKRMDKL	1587	1556
>CCDC6-A22IRLWKRMDKL	43	>CCDC6-A22IRLWKRMDKL	4688	4645
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>CCDC6-A22 LEAEKRIL	115	>CCDC6-A22 LESEKRIL	122	7
>CCDC6-A22 LEAEKRIL	340	>CCDC6-A22 LESEKRIL	336	4
>CCDC6-A22 LEAEKRIL	129	>CCDC6-A22 LESEKRIL	85	44
>CCDC6-A22 MDKLEAEKRI	236	>CCDC6-A22 MDKLESEKRI	306	70
>CCDC6-A22 RMDKLEAEKI	37	>CCDC6-A22 RMDKLESEKF	41	4
>CCDC6-A22 RMDKLEAEKI	422	>CCDC6-A22 RMDKLESEKF	554	132
>CCDC6-A22 RMDKLEAEKI	164	>CCDC6-A22 RMDKLESEKF	208	44
>CCDC6-A22 RMDKLEAEK	206	>CCDC6-A22 RMDKLESEK	152	54
>CCDC6-A22 RMDKLEAEK	118	>CCDC6-A22 RMDKLESEK	97	21
>CCDC6-A22 RMDKLEAEKI	196	>CCDC6-A22 RMDKLESEKF	193	3
>CCDC6-A22 RMDKLEAEKI	122	>CCDC6-A22 RMDKLESEKF	159	37
>CCDC6-A22 KRMDKLEA	375	>CCDC6-A22 KRMDKLES	667	292
>CCDC6-A22 KRMDKLEAEI	98	>CCDC6-A22 KRMDKLESEK	88	10
>CCDC6-A22 KRMDKLEAEI	70	>CCDC6-A22 KRMDKLESEK	84	14
>CCDC6-A22 KRMDKLEA	223	>CCDC6-A22 KRMDKLES	666	443
>CCDC6-A22 KRMDKLEAEI	463	>CCDC6-A22 KRMDKLESEK	628	165
>CCDC6-A22 KRMDKLEAEI	157	>CCDC6-A22 KRMDKLESEK	149	8
>CCDC6-A22 WKRMDKLEA	430	>CCDC6-A22 WKRMDKLES	2503	2073
>CCDC6-A22 WKRMDKLEA	690	>CCDC6-A22 WKRMDKLES	354	336
>CCDC6-L217 LWKRMDKL	366	>CCDC6-L217 PWKRMDKL	1459	1093
>CCDC6-L217 RLWKRMDKL	90	>CCDC6-L217 RPWKRMDKL	23000	22910
>CCDC6-L217 RLWKRMDKL	111	>CCDC6-L217 RPWKRMDKL	22484	22373
>CCDC6-L217 RLWKRMDKL	90	>CCDC6-L217 RPWKRMDKL	31431	31341
>CCDC6-L217 RLWKRMDKL	18	>CCDC6-L217 RPWKRMDKL	24513	24495
>CCDC6-L217 RLWKRMDKL	31	>CCDC6-L217 RPWKRMDKL	24451	24420
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>CCDC6-L217 RLWKRMDKL	44	>CCDC6-L217 RPWKRMDKL	35693	35649
>CCDC6-L217 RLWKRMDKL	49	>CCDC6-L217 RPWKRMDKL	35869	35820
>CCDC6-L217 RLWKRMDK	35	>CCDC6-L217 RPWKRMDK	6103	6068
>CCDC6-L217 RLWKRMDK	108	>CCDC6-L217 RPWKRMDK	10519	10411
>CCDC6-L217 RLWKRMDK	165	>CCDC6-L217 RPWKRMDK	10910	10745
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>CCDC6-L217 RLWKRMDKL	178	>CCDC6-L217 RPWKRMDKL	13179	13001
>CCDC6-L217 RLWKRMDKL	6751	>CCDC6-L217 RPWKRMDKL	20	6731
>CCDC6-L217 RLWKRMDKL	14385	>CCDC6-L217 RPWKRMDKL	41	14344
>CCDC6-L217 RLWKRMDKL	31723	>CCDC6-L217 RPWKRMDKL	390	31333
>CCDC6-L217 RLWKRMDK	224	>CCDC6-L217 RPWKRMDK	678	454
>CCDC6-L217 EQEQEALVNI	192	>CCDC6-L217 EQEQEALVNI	20190	19998
>CCDC6-L217 NRLWKRMDI	319	>CCDC6-L217 NRPWKRMDI	3109	2790
>CCDC6-L217 VNRLWKRMI	429	>CCDC6-L217 VNRPWKRMI	211	218
>CCDC6-L217 LVNRLWKRMI	388	>CCDC6-L217 LVNRPWKRMI	1588	1200

>CCDC6-L217LVNRLWKRM	180	>CCDC6-L217LVNRPWKRM	126	54
>CCDC6-L217LVNRLWKRM	96	>CCDC6-L217LVNRPWKRM	81	15
>CCDC6-L217LVNRLWKRM	61	>CCDC6-L217LVNRPWKRM	69	8
>CCDC6-L217LVNRLWKR	17	>CCDC6-L217LVNRPWKR	26	9
>CCDC6-L217LVNRLWKR	242	>CCDC6-L217LVNRPWKR	385	143
>CCDC6-L217LVNRLWKR	225	>CCDC6-L217LVNRPWKR	350	125
>CCDC6-L217LVNRLWKRM	253	>CCDC6-L217LVNRPWKRM	270	17
>CCDC6-L217ALVNRLWKRI	196	>CCDC6-L217ALVNRPWKR	154	42
>CCDC6-L217ALVNRLWK	598	>CCDC6-L217ALVNRPWK	444	154
>CCDC6-L217ALVNRLWKRI	98	>CCDC6-L217ALVNRPWKR	142	44
>CCDC6-L217ALVNRLWK	63	>CCDC6-L217ALVNRPWK	85	22
>CCDC6-L217ALVNRLWK	76	>CCDC6-L217ALVNRPWK	143	67
>CCDC6-L217ALVNRLWKR	23	>CCDC6-L217ALVNRPWKR	49	26
>CCDC6-L217ALVNRLWKR	894	>CCDC6-L217ALVNRPWKR	384	510
>CCDC6-L217EALVNRLWKI	162	>CCDC6-L217EALVNRPWK	301	139
>CCDC6-L217EALVNRLWKI	293	>CCDC6-L217EALVNRPWK	1151	858
>CCDC6-L217EALVNRLWK	45	>CCDC6-L217EALVNRPWK	33	12
>CCDC6-L217EALVNRLWKI	39	>CCDC6-L217EALVNRPWK	80	41
>CCDC6-L217EALVNRLW	240	>CCDC6-L217EALVNRPW	133	107
>CCDC6-L217EALVNRLW	328	>CCDC6-L217EALVNRPW	714	386
>CCDC6-L217EALVNRLW	161	>CCDC6-L217EALVNRPW	200	39
>CCDC6-L217EALVNRLW	378	>CCDC6-L217EALVNRPW	1310	932
>CCDC6-L217EALVNRLW	148	>CCDC6-L217EALVNRPW	194	46
>CCDC6-L217EALVNRLWKI	500	>CCDC6-L217EALVNRPWK	497	3
>CCDC6-L217QEALVNRL	17	>CCDC6-L217QEALVNRP	463	446
>CCDC6-L217QEALVNRLW	95	>CCDC6-L217QEALVNRPW	231	136
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>CCDC6-L217QEALVNRL	267	>CCDC6-L217QEALVNRP	15287	15020
>CCDC6-L217QEALVNRLW	75	>CCDC6-L217QEALVNRPW	93	18
>CCDC6-L217QEALVNRLW	50	>CCDC6-L217QEALVNRPW	84	34
>CCDC6-L217QEALVNRLW	839	>CCDC6-L217QEALVNRPW	434	405
>CCDC6-L217EQEALVNRL	154	>CCDC6-L217EQEALVNRP	18286	18132
>CCDC6-L217EQEALVNRLV	120	>CCDC6-L217EQEALVNRPV	166	46
>CCDC6-L217QEQEALVNRI	415	>CCDC6-L217QEQEALVNRI	16678	16263
>CCDC6-L217QEQEALVNRI	318	>CCDC6-L217QEQEALVNRI	759	441
>CCDC6-L217QEQEALVNRI	300	>CCDC6-L217QEQEALVNRI	53	247
>CCDC6-L217QEQEALVNRI	404	>CCDC6-L217QEQEALVNRI	11826	11422
>CCDC6-L217QEQEALVNRI	81	>CCDC6-L217QEQEALVNRI	95	14
>CCDC6-L217QEQEALVNRI	28	>CCDC6-L217QEQEALVNRI	45	17
>CCDC6-L217QEQEALVNRI	218	>CCDC6-L217QEQEALVNRI	24130	23912
>CCDC6-L217QEQEALVNRI	376	>CCDC6-L217QEQEALVNRI	559	183
>CCDC6-P44;PPPPPPPM	358	>CCDC6-P44;SPPPPPPM	84	274
>CCDC6-P44;PPPPPPPM	2340	>CCDC6-P44;SPPPPPPM	97	2243



>CCDC6-P44;PPPPPPPM	1338	>CCDC6-P44;SPPPPPPM	276	1062
>CCDC6-P44;PPPPPPPM	425	>CCDC6-P44;SPPPPPPM	58	367
>CCDC6-P44;PPPPPPPPM	450	>CCDC6-P44;PSPPPPPPM	33058	32608
>CCDC6-P44;PPPPPPPPM	1664	>CCDC6-P44;PSPPPPPPM	16	1648
>CCDC6-P44;PPPPPPPPM	450	>CCDC6-P44;PPSPPPPPPM	2627	2177
>CCDC6-P44;QPPPPPPPPP	1163	>CCDC6-P44;QPPSPPPPPP	318	845
>CCDC6-P44;QPPPPPPPPP	353	>CCDC6-P44;QPPSPPPPPP	369	16
>CCDC6-P44;QPPPPPPPPP	171	>CCDC6-P44;QPPSPPPPPP	153	18
>CCDC6-P44;QPPPPPPPPP	247	>CCDC6-P44;QPPSPPPPPP	324	77
>CCNB1IP1- <del>N</del> NRQYQKLQG	952	>CCNB1IP1- <del>N</del> KRQYQKLQG	100	852
>CCNB1IP1- <del>N</del> NRQYQKLQG	1284	>CCNB1IP1- <del>N</del> KRQYQKLQG	164	1120
>CCNB1IP1- <del>N</del> NRQYQKLQG	152	>CCNB1IP1- <del>N</del> KRQYQKLQG	25	127
>CCNB1IP1- <del>N</del> NRQYQKLQG	982	>CCNB1IP1- <del>N</del> KRQYQKLQG	210	772
>CCNB1IP1- <del>N</del> NRQYQKLQ	7111	>CCNB1IP1- <del>N</del> KRQYQKLQ	145	6966
>CCNB1IP1- <del>N</del> NRQYQKLQG	3815	>CCNB1IP1- <del>N</del> KRQYQKLQG	186	3629
>CCNB1IP1- <del>N</del> NRQYQKLQG	82	>CCNB1IP1- <del>N</del> KRQYQKLQG	15	67
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>CCNB1IP1- <del>N</del> NRQYQKLQG	44	>CCNB1IP1- <del>N</del> KRQYQKLQG	15	29
>CCNB1IP1- <del>N</del> NRQYQKLQG	600	>CCNB1IP1- <del>N</del> KRQYQKLQG	175	425
>CCNB1IP1- <del>N</del> RNRQYQKL	140	>CCNB1IP1- <del>N</del> RKRQYQKL	3095	2955
>CCNB1IP1- <del>N</del> RNRQYQKL	306	>CCNB1IP1- <del>N</del> RKRQYQKL	969	663
>CCNB1IP1- <del>N</del> RNRQYQKL	1052	>CCNB1IP1- <del>N</del> RKRQYQKL	15	1037
>CCNB1IP1- <del>N</del> RNRQYQKLQ	2061	>CCNB1IP1- <del>N</del> RKRQYQKLQ	37	2024
>CCNB1IP1- <del>N</del> RNRQYQKL	538	>CCNB1IP1- <del>N</del> RKRQYQKL	144	394
>CCNB1IP1- <del>N</del> RNRQYQKLQ	521	>CCNB1IP1- <del>N</del> RKRQYQKLQ	193	328
>CCNB1IP1- <del>N</del> RNRQYQKL	1363	>CCNB1IP1- <del>N</del> RKRQYQKL	420	943
>CCNB1IP1- <del>N</del> RNRQYQKLQ	354	>CCNB1IP1- <del>N</del> RKRQYQKLQ	67	287
>CCNB1IP1- <del>N</del> ERNRQYQKL	7149	>CCNB1IP1- <del>N</del> ERKRQYQKL	359	6790
>CCNB1IP1- <del>N</del> MERNRQYQK	124	>CCNB1IP1- <del>N</del> MERKRQYQK	104	20
>CCNB1IP1- <del>N</del> MERNRQYQK	377	>CCNB1IP1- <del>N</del> MERKRQYQK	221	156
>CCNB1IP1- <del>N</del> MERNRQYQK	43	>CCNB1IP1- <del>N</del> MERKRQYQK	72	29
>CCNB1IP1- <del>N</del> LMERNRQYQ	439	>CCNB1IP1- <del>N</del> LMERKRQYQ	854	415
>CCNB1IP1- <del>N</del> LMERNRQYQ	136	>CCNB1IP1- <del>N</del> LMERKRQYQ	310	174
>CCNB1IP1- <del>N</del> LMERNRQYQ	8	>CCNB1IP1- <del>N</del> LMERKRQYQ	13	5
>CCNB1IP1- <del>N</del> LMERNRQY	439	>CCNB1IP1- <del>N</del> LMERKRQY	957	518
>CCNB1IP1- <del>N</del> LMERNRQY	430	>CCNB1IP1- <del>N</del> LMERKRQY	844	414
>CCNB1IP1- <del>N</del> LMERNRQYQ	886	>CCNB1IP1- <del>N</del> LMERKRQYQ	145	741
>CCNB1IP1- <del>N</del> LMERNRQY	397	>CCNB1IP1- <del>N</del> LMERKRQY	851	454
>CCNB1IP1- <del>N</del> LMERNRQY	375	>CCNB1IP1- <del>N</del> LMERKRQY	1301	926
>CCNB1IP1- <del>N</del> KLMERNRQY	463	>CCNB1IP1- <del>N</del> KLMERKRQY	747	284
>CCNB1IP1- <del>N</del> KLMERNRQ	386	>CCNB1IP1- <del>N</del> KLMERKRQ	675	289
>CCNB1IP1- <del>N</del> KLMERNRQY	121	>CCNB1IP1- <del>N</del> KLMERKRQY	152	31
>CCNB1IP1- <del>N</del> KLMERNRQY	95	>CCNB1IP1- <del>N</del> KLMERKRQY	102	7

>CCNB1IP1-N KLMERNRQY	32	>CCNB1IP1-N KLMERKRQY	33	1
>CCNB1IP1-N KLMERNRQY	27	>CCNB1IP1-N KLMERKRQY	35	8
>CCNB1IP1-N KLMERNRQY	52	>CCNB1IP1-N KLMERKRQY	86	34
>CCNB1IP1-N KLMERNRQY	71	>CCNB1IP1-N KLMERKRQY	44	27
>CCNB1IP1-N KLMERNRQY	226	>CCNB1IP1-N KLMERKRQY	1426	1200
>CCNB1IP1-N KLMERNRQY	474	>CCNB1IP1-N KLMERKRQY	1130	656
>CCNB1IP1-N KLMERNRQY	169	>CCNB1IP1-N KLMERKRQY	393	224
>CCNB1IP1-N KLMERNRQY	130	>CCNB1IP1-N KLMERKRQY	386	256
>CCNB1IP1-N KLMERNRQY	312	>CCNB1IP1-N KLMERKRQY	1111	799
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>CCNB1IP1-N EKLERNRQY	148	>CCNB1IP1-N EKLERNRQY	265	117
>CCNB1IP1-N SEKLMERNRQ	918	>CCNB1IP1-N SEKLMERNRQ	418	500
>CCNB1IP1-N SEKLMERNRQ	221	>CCNB1IP1-N SEKLMERNRQ	375	154
>CCNB1IP1-N ISEKLMERNR	426	>CCNB1IP1-N ISEKLMERNR	635	209
>CCNB1IP1-N DISEKLMERN	50	>CCNB1IP1-N DISEKLMERN	94	44
>CCNB1IP1-N DISEKLMERN	33750	>CCNB1IP1-N DISEKLMERN	429	33321
>CCNB1IP1-N DISEKLMERN	73	>CCNB1IP1-N DISEKLMERN	86	13
>CCND2-R26 YRQDQRDGS	33020	>CCND2-R26 YLQDQRDGS	70	32950
>CCND2-R26 YRQDQRDGS	34553	>CCND2-R26 YLQDQRDGS	229	34324
>CCND2-R26 YRQDQRDGS	30750	>CCND2-R26 YLQDQRDGS	61	30689
>CCND2-R26 YRQDQRDGS	294	>CCND2-R26 YLQDQRDGS	30811	30517
>CCND2-R26 YRQDQRDGS	465	>CCND2-R26 YLQDQRDGS	27686	27221
>CCND2-R26 AVLLNSLQQY	22572	>CCND2-R26 AVLLNSLQQY	100	22472
>CCND2-R26 AVLLNSLQQY	23704	>CCND2-R26 AVLLNSLQQY	234	23470
>CCND2-R26 AVLLNSLQQY	21327	>CCND2-R26 AVLLNSLQQY	216	21111
>CCND2-R26 AVLLNSLQQY	22161	>CCND2-R26 AVLLNSLQQY	464	21697
>CCND2-R26 AVLLNSLQQY	24882	>CCND2-R26 AVLLNSLQQY	253	24629
>CCND2-R26 AVLLNSLQQY	29375	>CCND2-R26 AVLLNSLQQY	202	29173
>CCND2-R26 AVLLNSLQQY	134	>CCND2-R26 AVLLNSLQQY	12737	12603
>CCND2-R26 AVLLNSLQQY	608	>CCND2-R26 AVLLNSLQQY	375	233
>CCND2-R26 AVLLNSLQQY	35	>CCND2-R26 AVLLNSLQQY	7574	7539
>CCND2-R26 AVLLNSLQQY	375	>CCND2-R26 AVLLNSLQQY	36265	35890
>CCND2-R26 AVLLNSLQQY	206	>CCND2-R26 AVLLNSLQQY	33209	33003
>CCND2-R26 QYRQDQRDC	41	>CCND2-R26 QYLQDQRDC	3691	3650
>CCND2-R26 QQYRQDQR	300	>CCND2-R26 QQYLQDQR	639	339
>CCND2-R26 QQYRQDQR	439	>CCND2-R26 QQYLQDQR	257	182
>CCND2-R26 LQQYRQDQR	211	>CCND2-R26 LQQYLQDQR	369	158
>CCND2-R26 SLQQYRQDQ	267	>CCND2-R26 SLQQYLQDQ	87	180
>CCND2-R26 SLQQYRQDQ	400	>CCND2-R26 SLQQYLQDQ	769	369
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>CCND2-R26 NSLQQYRQD	238	>CCND2-R26 NSLQQYLQD	149	89
>CCND2-R26 LNSLQQYR	488	>CCND2-R26 LNSLQQYL	33808	33320
>CCND2-R26 LLNSLQQYR	20690	>CCND2-R26 LLNSLQQYL	42	20648

>CCND2-R26 LLNSLQQYR	2060	>CCND2-R26 LLNSLQQYL	3	2057
>CCND2-R26 LLNSLQQYR	14876	>CCND2-R26 LLNSLQQYL	22	14854
>CCND2-R26 LLNSLQQYR	3754	>CCND2-R26 LLNSLQQYL	5	3749
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>CCND2-R26 LLNSLQQYR	19201	>CCND2-R26 LLNSLQQYL	6	19195
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>CCND2-R26 LLNSLQQYRC	52	>CCND2-R26 LLNSLQQYLQ	87	35
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>CCND2-R26 LLNSLQQYR	194	>CCND2-R26 LLNSLQQYL	32563	32369
>CCND2-R26 VLLNSLQQYR	4562	>CCND2-R26 VLLNSLQQYL	45	4517
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>CCND2-R26 VLLNSLQQYR	9861	>CCND2-R26 VLLNSLQQYL	252	9609
>CCND2-R26 VLLNSLQQYR	701	>CCND2-R26 VLLNSLQQYL	2	699
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>CCND2-R26 VLLNSLQQYR	9418	>CCND2-R26 VLLNSLQQYL	4	9414
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>CCND2-R26 VLLNSLQQYR	2460	>CCND2-R26 VLLNSLQQYL	296	2164
>CCND2-R26 VLLNSLQQYR	347	>CCND2-R26 VLLNSLQQYL	30911	30564
>CCND2-R26 VLLNSLQQYR	289	>CCND2-R26 VLLNSLQQYL	31475	31186
>CD79A-T16: TLLLFRKR	74	>CD79A-T16: MLLLFRKR	21	53
>CD79A-T16: TLLLFRKR	162	>CD79A-T16: MLLLFRKR	66	96
>CD79A-T16: TLLLFRKR	526	>CD79A-T16: MLLLFRKR	195	331
>CD79A-T16: TLLLFRKRW	1304	>CD79A-T16: MLLLFRKRW	140	1164
>CD79A-T16: TLLLFRKRW	196	>CD79A-T16: MLLLFRKRW	107	89
>CD79A-T16: TLLLFRKR	91	>CD79A-T16: MLLLFRKR	60	31
>CD79A-T16: GTLLLFRK	300	>CD79A-T16: GMLLLFRK	83	217
>CD79A-T16: GTLLLFRK	11	>CD79A-T16: GMLLLFRK	16	5
>CD79A-T16: GTLLLFRK	464	>CD79A-T16: GMLLLFRK	3058	2594
>CD79A-T16: GTLLLFRK	170	>CD79A-T16: GMLLLFRK	126	44
>CD79A-T16: GTLLLFRKR	56	>CD79A-T16: GMLLLFRKR	39	17
>CD79A-T16: GTLLLFRKRW	11	>CD79A-T16: GMLLLFRKRW	753	742
>CD79A-T16: GTLLLFRKRW	58	>CD79A-T16: GMLLLFRKRW	548	490
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>CD79A-T16: GTLLLFRKR	78	>CD79A-T16: GMLLLFRKR	879	801
>CD79A-T16: GTLLLFRKR	985	>CD79A-T16: GMLLLFRKR	138	847

>CD79A-T16:ILLFCAVVPGT	196	>CD79A-T16:ILLFCAVVPGT	58	138
>CD79A-T16:ILLFCAVVPGT	258	>CD79A-T16:ILLFCAVVPGT	152	106
>CD79A-T16:ILLFCAVVPGT	71	>CD79A-T16:ILLFCAVVPGT	27	44
>CD79A-T16:ILLFCAVVPGT	939	>CD79A-T16:ILLFCAVVPGT	141	798
>CD79A-T16:ILLFCAVVPGT	167	>CD79A-T16:ILLFCAVVPGT	82	85
>CD79A-T16:ILLFCAVVPGT	67	>CD79A-T16:ILLFCAVVPGT	13	54
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>CD79A-T16:ILLFCAVVPGT	13217	>CD79A-T16:ILLFCAVVPGT	475	12742
>CD79A-T16:PGTLLLFR	465	>CD79A-T16:PGMLLLFR	228	237
>CD79A-T16:VPGTLLLF	394	>CD79A-T16:VPGMLLLF	2711	2317
>CD79A-T16:VPGTLLLF	450	>CD79A-T16:VPGMLLLF	423	27
>CD79A-T16:VPGTLLLF	142	>CD79A-T16:VPGMLLLF	168	26
>CD79A-T16:VPGTLLLFR	170	>CD79A-T16:VPGMLLLFR	263	93
>CD79A-T16:VVPGTLLLF	1314	>CD79A-T16:VVPGMLLLF	423	891
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>CD79A-T16:VVPGTLLLFR	347	>CD79A-T16:VVPGMLLLFF	293	54
>CD79A-T16:VVPGTLLLFR	60	>CD79A-T16:VVPGMLLLFF	50	10
>CD79A-T16:VVPGTLLLFR	39	>CD79A-T16:VVPGMLLLFF	29	10
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>CD79A-T16:VVPGTLLLF	301	>CD79A-T16:VVPGMLLLF	358	57
>CD79A-T16:VVPGTLLLF	225	>CD79A-T16:VVPGMLLLF	122	103
>CD79A-T16:VVPGTLLLFR	86	>CD79A-T16:VVPGMLLLFF	41	45
>CD79A-T16:VVPGTLLLFR	121	>CD79A-T16:VVPGMLLLFF	75	46
>CD79A-T16:VVPGTLLLFR	24	>CD79A-T16:VVPGMLLLFF	18	6
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>CD79A-T16:VVPGTLLLF	5	>CD79A-T16:VVPGMLLLF	6	1
>CD79A-T16:VVPGTLLLFR	284	>CD79A-T16:VVPGMLLLFF	341	57
>CD79A-T16:AVVPGTLL	407	>CD79A-T16:AVVPGMLL	616	209
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>CD79A-T16:AVVPGTLL	450	>CD79A-T16:AVVPGMLL	503	53
>CD79A-T16:AVVPGTLL	383	>CD79A-T16:AVVPGMLLL	283	100
>CD79A-T16:AVVPGTLL	53	>CD79A-T16:AVVPGMLL	46	7
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>CD79A-T16:AVVPGTLL	42	>CD79A-T16:AVVPGMLLL	108	66
>CD79A-T16:AVVPGTLLLFI	489	>CD79A-T16:AVVPGMLLLF	567	78
>CD79A-T16:AVVPGTLLLFI	22	>CD79A-T16:AVVPGMLLLF	20	2
>CD79A-T16:AVVPGTLL	1204	>CD79A-T16:AVVPGMLL	472	732
>CD79A-T16:AVVPGTLL	1191	>CD79A-T16:AVVPGMLLL	76	1115
>CD79A-T16:AVVPGTLLLF	61	>CD79A-T16:AVVPGMLLLF	19	42
>CD79A-T16:AVVPGTLLLFI	47	>CD79A-T16:AVVPGMLLLF	36	11

>CD79A-T16: AVVPGTLLLLF	68	>CD79A-T16: AVVPGMLLLL	80	12
>CD79A-T16: AVVPGTLLLLF	242	>CD79A-T16: AVVPGMLLLLF	336	94
>CD79A-T16: AVVPGTLL	138	>CD79A-T16: AVVPGMLL	110	28
>CD79A-T16: AVVPGTLLL	57	>CD79A-T16: AVVPGMLLL	23	34
>CD79A-T16: AVVPGTLLLLF	10	>CD79A-T16: AVVPGMLLLLF	10	0
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>CD79A-T16: AVVPGTLL	71	>CD79A-T16: AVVPGMLL	36	35
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>CD79A-T16: AVVPGTLLLLF	983	>CD79A-T16: AVVPGMLLLLF	426	557
>CD79A-T16: AVVPGTLLLLFI	298	>CD79A-T16: AVVPGMLLLLF	205	93
>CD79A-T16: AVVPGTLLLLFI	473	>CD79A-T16: AVVPGMLLLLF	748	275
>CD79A-T16: AVVPGTLLLLF	460	>CD79A-T16: AVVPGMLLLLF	198	262
>CD79A-T16: CAVVPGTLLL	275	>CD79A-T16: CAVVPGMLLI	388	113
>CD79A-T16: CAVVPGTLLL	404	>CD79A-T16: CAVVPGMLLI	210	194
>CD79A-T16: CAVVPGTLLL	34	>CD79A-T16: CAVVPGMLLI	46	12
>CD79A-T16: CAVVPGTLLL	172	>CD79A-T16: CAVVPGMLLI	134	38
>CD79A-T16: CAVVPGTLLL	588	>CD79A-T16: CAVVPGMLLI	448	140
>CD79A-T16: CAVVPGTL	373	>CD79A-T16: CAVVPGML	887	514
>CD79A-T16: FCAVVPGTLL	624	>CD79A-T16: FCAVVPGML	326	298
>CD79A-T16: FCAVVPGTLL	177	>CD79A-T16: FCAVVPGML	187	10
>CD79A-T16: LFCAVVPGTL	199	>CD79A-T16: LFCAVVPGMI	1694	1495
>CD79A-T16: LFCAVVPGTL	119	>CD79A-T16: LFCAVVPGMI	100	19
>CD79A-T16: LFCAVVPGTL	591	>CD79A-T16: LFCAVVPGMI	110	481
>CD79A-T16: LLFCAVVPGT	165	>CD79A-T16: LLFCAVVPGM	76	89
>CD79A-T16: LLFCAVVPGT	44	>CD79A-T16: LLFCAVVPGM	41	3
>CD79A-T16: LLFCAVVPGT	127	>CD79A-T16: LLFCAVVPGM	41	86
>CD79A-T16: LLFCAVVPGT	60	>CD79A-T16: LLFCAVVPGM	30	30
>CD79A-T16: LLFCAVVPGT	124	>CD79A-T16: LLFCAVVPGM	203	79
>CD79A-T16: LLFCAVVPGT	17	>CD79A-T16: LLFCAVVPGM	19	2
>CD79A-T16: LLFCAVVPGT	292	>CD79A-T16: LLFCAVVPGM	238	54
>CD79A-T16: LLFCAVVPGT	7	>CD79A-T16: LLFCAVVPGM	4	3
>CD79A-T16: LLFCAVVPGT	3	>CD79A-T16: LLFCAVVPGM	3	0
>CD79A-T16: LLFCAVVPGT	146	>CD79A-T16: LLFCAVVPGM	33	113
>CD79A-T16: LLFCAVVPGT	12	>CD79A-T16: LLFCAVVPGM	36	24
>CD79A-T16: LLFCAVVPGT	40	>CD79A-T16: LLFCAVVPGM	20	20
>CD79A-T16: LLFCAVVPGT	16	>CD79A-T16: LLFCAVVPGM	21	5
>CD79A-T16: LLFCAVVPGT	257	>CD79A-T16: LLFCAVVPGM	27	230
>CD79A-T16: LLFCAVVPGT	102	>CD79A-T16: LLFCAVVPGM	188	86
>CD79A-T16: LLFCAVVPGT	23	>CD79A-T16: LLFCAVVPGM	15	8
>CD79A-T16: LLFCAVVPGT	9	>CD79A-T16: LLFCAVVPGM	15	6
>CD79A-T16: LLFCAVVPGT	254	>CD79A-T16: LLFCAVVPGM	1680	1426
>CD79A-T16: LLFCAVVPGT	4375	>CD79A-T16: LLFCAVVPGM	350	4025
>CD79A-T16: LLFCAVVPGT	2546	>CD79A-T16: LLFCAVVPGM	45	2501

>CD79A-T16: LLFCAVVPGT	213	>CD79A-T16: LLFCAVVPGN	419	206
>CD79A-T16: LLFCAVVPGT	3738	>CD79A-T16: LLFCAVVPGN	59	3679
>CD79A-T16: LLFCAVVPGT	150	>CD79A-T16: LLFCAVVPGN	229	79
>CDC73-A2S- MADVLSVLR	107	>CDC73-A2S- MSDVLSVLR	12	95
>CDC73-A2S- MADVLSVLR	1073	>CDC73-A2S- MSDVLSVLR	261	812
>CDC73-A2S- MADVLSVLR	82	>CDC73-A2S- MSDVLSVLR	49	33
>CDC73-A2S- MADVLSVLR	403	>CDC73-A2S- MSDVLSVLR	666	263
>CDC73-A2S- MADVLSVLR	17	>CDC73-A2S- MSDVLSVLR	22	5
>CDC73-A2S- MADVLSVL	356	>CDC73-A2S- MSDVLSVL	32	324
>CDC73-A2S- MADVLSVLR	63	>CDC73-A2S- MSDVLSVLR	12	51
>CDC73-A2S- MADVLSVL	375	>CDC73-A2S- MSDVLSVL	3512	3137
>CDC73-A2S- MADVLSVLR	57	>CDC73-A2S- MSDVLSVLR	534	477
>CDC73-A2S- MADVLSVL	316	>CDC73-A2S- MSDVLSVL	371	55
>CDC73-A2S- MADVLSVL	1245	>CDC73-A2S- MSDVLSVL	371	874
>CDC73-A2S- MADVLSVLR	483	>CDC73-A2S- MSDVLSVLR	154	329
>CDC73-A2S- MADVLSVL	4009	>CDC73-A2S- MSDVLSVL	191	3818
>CDC73-A2S- MADVLSVLR	704	>CDC73-A2S- MSDVLSVLR	105	599
>CDC73-L95F LLGYLNGEA	358	>CDC73-L95F LPGYLNGEA	26516	26158
>CDC73-L95F LLGYLNGEA	471	>CDC73-L95F LPGYLNGEA	20803	20332
>CDC73-L95F LLGYLNGEA	25636	>CDC73-L95F LPGYLNGEA	123	25513
>CDC73-L95F VVRRPDRKDI	481	>CDC73-L95F VVRRPDRKDI	14911	14430
>CDC73-L95F DLLGYLNGEA	331	>CDC73-L95F DLPGYLNGEA	2300	1969
>CDC73-L95F DLLGYLNGEA	476	>CDC73-L95F DLPGYLNGEA	1051	575
>CDC73-L95F RPDRKDLG	306	>CDC73-L95F RPDRKDLPGY	312	6
>CDC73-L95F RPDRKDLG	151	>CDC73-L95F RPDRKDLPGY	1447	1296
>CDC73-L95F RPDRKDLL	69	>CDC73-L95F RPDRKDLP	21294	21225
>CDC73-L95F RPDRKDLG	44	>CDC73-L95F RPDRKDLPGY	45	1
>CDC73-L95F RRPDRKDLLG	450	>CDC73-L95F RRPDRKDLPC	822	372
>CDC73-L95F RRPDRKDLL	58	>CDC73-L95F RRPDRKDLP	1702	1644
>CDC73-L95F RRPDRKDLLG	152	>CDC73-L95F RRPDRKDLPC	237	85
>CDC73-L95F RRPDRKDLLG	336	>CDC73-L95F RRPDRKDLPC	565	229
>CDC73-L95F RRPDRKDLL	25	>CDC73-L95F RRPDRKDLP	2013	1988
>CDC73-L95F RRPDRKDLLG	347	>CDC73-L95F RRPDRKDLPC	683	336
>CDC73-L95F RRPDRKDLLG	170	>CDC73-L95F RRPDRKDLPC	292	122
>CDC73-L95F VRRPDRKDLL	254	>CDC73-L95F VRRPDRKDLF	12527	12273
>CDC73-Q29 RYDQERFK	183	>CDC73-Q29 RYDEERFK	400	217
>CDC73-Q29 RYDQERFKG	107	>CDC73-Q29 RYDEERFKG	200	93
>CDC73-Q29 NRYDQERF	279	>CDC73-Q29 NRYDEERF	310	31
>CDC73-Q29 NRYDQERFK	287	>CDC73-Q29 NRYDEERFK	497	210
>CDC73-Q29 NRYDQERFK	161	>CDC73-Q29 NRYDEERFK	180	19
>CDC73-Q29 YNRYDQERFK	364	>CDC73-Q29 YNRYDEERFK	1181	817
>CDC73-Q29 YNRYDQERF	150	>CDC73-Q29 YNRYDEERF	203	53
>CDC73-Q29 YNRYDQERF	162	>CDC73-Q29 YNRYDEERF	259	97

>CDC73-Q29 AYNRYDQERI	522	>CDC73-Q29 AYNRYDEERF	444	78
>CDC73-Q29 AYNRYDQERI	338	>CDC73-Q29 AYNRYDEERF	207	131
>CDC73-Q29 AYNRYDQERI	12	>CDC73-Q29 AYNRYDEERF	14	2
>CDC73-Q29 AYNRYDQERI	20	>CDC73-Q29 AYNRYDEERF	83	63
>CDC73-Q29 AYNRYDQER	23	>CDC73-Q29 AYNRYDEER	28	5
>CDC73-Q29 AYNRYDQERI	223	>CDC73-Q29 AYNRYDEERF	431	208
>CDC73-Q29 AAYNRYDQEI	84	>CDC73-Q29 AAYNRYDEEF	89	5
>CDC73-Q29 AAYNRYDQEI	120	>CDC73-Q29 AAYNRYDEEF	128	8
>CDC73-Q29 AAYNRYDQEI	103	>CDC73-Q29 AAYNRYDEEF	45	58
>CDC73-Q29 AAYNRYDQEI	52	>CDC73-Q29 AAYNRYDEEF	60	8
>CDC73-Q29 AAYNRYDQEI	13	>CDC73-Q29 AAYNRYDEEF	17	4
>CDC73-Q29 AAYNRYDQEI	418	>CDC73-Q29 AAYNRYDEEF	589	171
>CDC73-Q29 AAYNRYDQEI	805	>CDC73-Q29 AAYNRYDEEF	499	306
>CDC73-Q29 PAAYNRYDQI	341	>CDC73-Q29 PAAYNRYDEE	168	173
>CDC73-T36 <sup>ϵ</sup> TSLITMLNAK	170	>CDC73-T36 <sup>ϵ</sup> NSLITMLNAK	322	152
>CDC73-T36 <sup>ϵ</sup> TSLITMLNAK	25	>CDC73-T36 <sup>ϵ</sup> NSLITMLNAK	67	42
>CDC73-T36 <sup>ϵ</sup> TSLITMLNAK	82	>CDC73-T36 <sup>ϵ</sup> NSLITMLNAK	899	817
>CDC73-T36 <sup>ϵ</sup> TSLITMLNAK	83	>CDC73-T36 <sup>ϵ</sup> NSLITMLNAK	63	20
>CDC73-T36 <sup>ϵ</sup> TSLITMLNAK	189	>CDC73-T36 <sup>ϵ</sup> NSLITMLNAK	492	303
>CDC73-T36 <sup>ϵ</sup> TTSLITML	205	>CDC73-T36 <sup>ϵ</sup> TNSLITML	3196	2991
>CDC73-T36 <sup>ϵ</sup> TTSLITMLNA	488	>CDC73-T36 <sup>ϵ</sup> TNSLITMLNA	5950	5462
>CDC73-T36 <sup>ϵ</sup> TTSLITMLNAI	225	>CDC73-T36 <sup>ϵ</sup> TNSLITMLNA	8768	8543
>CDC73-T36 <sup>ϵ</sup> TTSLITMLNAI	10	>CDC73-T36 <sup>ϵ</sup> TNSLITMLNA	644	634
>CDC73-T36 <sup>ϵ</sup> TTSLITMLNAI	180	>CDC73-T36 <sup>ϵ</sup> TNSLITMLNA	6798	6618
>CDC73-T36 <sup>ϵ</sup> TTSLITMLN	339	>CDC73-T36 <sup>ϵ</sup> TNSLITMLN	12459	12120
>CDC73-T36 <sup>ϵ</sup> TTSLITMLNAI	6	>CDC73-T36 <sup>ϵ</sup> TNSLITMLNA	267	261
>CDC73-T36 <sup>ϵ</sup> TTSLITML	13	>CDC73-T36 <sup>ϵ</sup> TNSLITML	1418	1405
>CDC73-T36 <sup>ϵ</sup> TTSLITMLNA	190	>CDC73-T36 <sup>ϵ</sup> TNSLITMLNA	6024	5834
>CDC73-T36 <sup>ϵ</sup> TTSLITML	435	>CDC73-T36 <sup>ϵ</sup> TNSLITML	14755	14320
>CDC73-T36 <sup>ϵ</sup> TTSLITML	160	>CDC73-T36 <sup>ϵ</sup> TNSLITML	23250	23090
>CDC73-T36 <sup>ϵ</sup> TTSLITML	277	>CDC73-T36 <sup>ϵ</sup> TNSLITML	26615	26338
>CDC73-T36 <sup>ϵ</sup> TTSLITML	119	>CDC73-T36 <sup>ϵ</sup> TNSLITML	2223	2104
>CDC73-T36 <sup>ϵ</sup> TPIIIIPAATT	458	>CDC73-T36 <sup>ϵ</sup> TPIIIIPAATN	2120	1662
>CDC73-T36 <sup>ϵ</sup> TPIIIIPAATT	294	>CDC73-T36 <sup>ϵ</sup> TPIIIIPAATN	1320	1026
>CDC73-T36 <sup>ϵ</sup> ATTSLITML	140	>CDC73-T36 <sup>ϵ</sup> ATNSLITML	42	98
>CDC73-T36 <sup>ϵ</sup> ATTSLITML	893	>CDC73-T36 <sup>ϵ</sup> ATNSLITML	115	778
>CDC73-T36 <sup>ϵ</sup> ATTSLITMLN,	1391	>CDC73-T36 <sup>ϵ</sup> ATNSLITMLN	274	1117
>CDC73-T36 <sup>ϵ</sup> ATTSLITML	1462	>CDC73-T36 <sup>ϵ</sup> ATNSLITML	394	1068
>CDC73-T36 <sup>ϵ</sup> ATTSLITM	30	>CDC73-T36 <sup>ϵ</sup> ATNSLITM	76	46
>CDC73-T36 <sup>ϵ</sup> ATTSLITMLN,	1342	>CDC73-T36 <sup>ϵ</sup> ATNSLITMLN	414	928
>CDC73-T36 <sup>ϵ</sup> ATTSLITM	996	>CDC73-T36 <sup>ϵ</sup> ATNSLITM	284	712
>CDC73-T36 <sup>ϵ</sup> ATTSLITML	1046	>CDC73-T36 <sup>ϵ</sup> ATNSLITML	245	801
>CDC73-T36 <sup>ϵ</sup> ATTSLITM	12	>CDC73-T36 <sup>ϵ</sup> ATNSLITM	13	1

>CDC73-T369ATTSLITML	28	>CDC73-T369ATNSLITML	33	5
>CDC73-T369ATTSLITML	12	>CDC73-T369ATNSLITML	64	52
>CDC73-T369ATTSLITM	88	>CDC73-T369ATNSLITM	631	543
>CDC73-T369ATTSLITML	7	>CDC73-T369ATNSLITML	11	4
>CDC73-T369AATTSLITM	262	>CDC73-T369AATNSLITM	1547	1285
>CDC73-T369AATTSLITM	532	>CDC73-T369AATNSLITM	387	145
>CDC73-T369AATTSLITM	19	>CDC73-T369AATNSLITM	19	0
>CDC73-T369AATTSLITML	121	>CDC73-T369AATNSLITML	115	6
>CDC73-T369AATTSLITM	262	>CDC73-T369AATNSLITM	307	45
>CDC73-T369AATTSLITM	243	>CDC73-T369AATNSLITM	533	290
>CDC73-T369AATTSLITML	146	>CDC73-T369AATNSLITML	258	112
>CDC73-T369AATTSLITM	492	>CDC73-T369AATNSLITM	217	275
>CDC73-T369IPAATTS LI	515	>CDC73-T369IPAATNSLI	297	218
>CDC73-T369IPAATTS LI	261	>CDC73-T369IPAATNSLI	1974	1713
>CDC73-T369IPAATTS L	50	>CDC73-T369IPAATNSL	87	37
>CDC73-T369IPAATTS LITM	35	>CDC73-T369IPAATNSLITM	35	0
>CDC73-T369IPAATTS L	14	>CDC73-T369IPAATNSL	16	2
>CDC73-T369IPAATTS LI	46	>CDC73-T369IPAATNSLI	82	36
>CDC73-T369IPAATTS LITM	20	>CDC73-T369IPAATNSLITM	23	3
>CDC73-T369IPAATTS L	47	>CDC73-T369IPAATNSL	98	51
>CDC73-T369IPAATTS LITM	10	>CDC73-T369IPAATNSLITM	12	2
>CDC73-T369IPAATTS L	155	>CDC73-T369IPAATNSL	114	41
>CDC73-T369IPAATTS LITM	486	>CDC73-T369IPAATNSLITM	674	188
>CDC73-T369IPAATTS LI	89	>CDC73-T369IPAATNSLI	164	75
>CDC73-T369IPAATTS L	279	>CDC73-T369IPAATNSL	453	174
>CDC73-T369IPAATTS LI	78	>CDC73-T369IPAATNSLI	61	17
>CDC73-T369IPAATTS LITM	115	>CDC73-T369IPAATNSLITM	108	7
>CDC73-T369IPAATTS LI	200	>CDC73-T369IPAATNSLI	271	71
>CDC73-T369IPAATTS LI	396	>CDC73-T369IPAATNSLI	202	194
>CDC73-T369IPAATTS LITM	264	>CDC73-T369IPAATNSLITM	174	90
>CDC73-T369IPAATTS L	124	>CDC73-T369IPAATNSL	139	15
>CDC73-T369IPAATTS LITM	74	>CDC73-T369IPAATNSLITM	101	27
>CDC73-T369IPAATTS LI	337	>CDC73-T369IPAATNSLI	537	200
>CDC73-T369IIPAATTS L	38	>CDC73-T369IIPAATNSL	30	8
>CDC73-T369IIPAATTS LI	179	>CDC73-T369IIPAATNSLI	228	49
>CDC73-T369IIPAATTS L	32	>CDC73-T369IIPAATNSL	105	73
>CDC73-T369IIPAATTS LI	98	>CDC73-T369IIPAATNSLI	249	151
>CDC73-T369IIPAATTS L	76	>CDC73-T369IIPAATNSL	143	67
>CDC73-T369IIPAATTS L	60	>CDC73-T369IIPAATNSL	238	178
>CDC73-T369IIPAATTS L	411	>CDC73-T369IIPAATNSL	957	546
>CDC73-T369IIPAATTS L	538	>CDC73-T369IIPAATNSL	322	216
>CDC73-T369IIPAATTS LI	153	>CDC73-T369IIPAATNSLI	193	40
>CDC73-T369IIPAATTS L	36	>CDC73-T369IIPAATNSL	19	17



>CDC73-T369IIPAATTSLI	20	>CDC73-T369IIPAATNSLI	22	2
>CDC73-T369IIPAATTSLI	92	>CDC73-T369IIPAATNSLI	81	11
>CDC73-T369IIPAATTSL	94	>CDC73-T369IIIPAATNSL	119	25
>CDC73-T369IIPAATTSLI	120	>CDC73-T369IIIPAATNSLI	163	43
>CDC73-T369IIPAATTSL	79	>CDC73-T369IIIPAATNSL	130	51
>CDC73-T369IIIPAATTSLI	18	>CDC73-T369IIIPAATNSLI	38	20
>CDC73-T369IIPAATT	381	>CDC73-T369IIIPAATN	12341	11960
>CDC73-T369IIPAATTSL	198	>CDC73-T369IIIPAATNSL	287	89
>CDC73-T369IIPAATTSLI	28	>CDC73-T369IIIPAATNSLI	55	27
>CDC73-T369IIPAATTSL	25	>CDC73-T369IIIPAATNSL	65	40
>CDC73-T369IIPAATTSLI	243	>CDC73-T369IIIPAATNSLI	510	267
>CDC73-T369IIPAATTSLI	333	>CDC73-T369IIIPAATNSLI	412	79
>CDC73-T369IIPAATTSL	342	>CDC73-T369IIIPAATNSL	650	308
>CDC73-T369IIPAATTSL	112	>CDC73-T369IIIPAATNSL	425	313
>CDC73-T369IIPAATTSLI	430	>CDC73-T369IIIPAATNSLI	418	12
>CDC73-T369IIPAATTSLI	468	>CDC73-T369IIIPAATNSLI	765	297
>CDC73-T369IIIPAATTSL	228	>CDC73-T369IIIPAATNSL	204	24
>CDC73-T369IIIPAATTSL	152	>CDC73-T369IIIPAATNSL	295	143
>CDC73-T369IIIPAATTSL	134	>CDC73-T369IIIPAATNSL	178	44
>CDC73-T369IIIPAATTSL	471	>CDC73-T369IIIPAATNSL	674	203
>CDC73-T369IIIPAATTSL	121	>CDC73-T369IIIPAATNSL	269	148
>CDC73-T369IIIPAATTSL	183	>CDC73-T369IIIPAATNSL	647	464
>CDH1-A286'ATDADDDVN	12	>CDH1-A286'TTDADDDVN	12	0
>CDH1-A286'ATDADDDVN	160	>CDH1-A286'TTDADDDVN	241	81
>CDH1-A286'ATDADDDV	6385	>CDH1-A286'TTDADDDV	443	5942
>CDH1-A286'ATDADDDVN	68	>CDH1-A286'TTDADDDVN	351	283
>CDH1-A286'ATDADDDVN	1657	>CDH1-A286'TTDADDDVN	432	1225
>CDH1-A286'ATDADDDVN	182	>CDH1-A286'TTDADDDVN	244	62
>CDH1-A286'ATDADDDVN	458	>CDH1-A286'TTDADDDVN	512	54
>CDH1-A286'TATDADDDV	121	>CDH1-A286'TTTDADDDV	21	100
>CDH1-A286'TATDADDDV	3705	>CDH1-A286'TTTDADDDVI	496	3209
>CDH1-A286'LPGTSVMEV	52	>CDH1-A286'LPGTSVMEV	909	857
>CDH1-A286'EVTATDADDI	22	>CDH1-A286'EVTTTDADDI	33	11
>CDH1-A286'MEVTATDA	29	>CDH1-A286'MEVTTTDA	28	1
>CDH1-A286'MEVTATDAD	249	>CDH1-A286'MEVTTTDAD	412	163
>CDH1-A286'VMEVTATDA	607	>CDH1-A286'VMEVTTTDA	288	319
>CDH1-A286'SVMEVTATD,	873	>CDH1-A286'SVMEVTTTD/	457	416
>CDH1-A286'SVMEVTAT	147	>CDH1-A286'SVMEVTTT	172	25
>CDH1-A286'SVMEVTATD,	256	>CDH1-A286'SVMEVTTTD/	84	172
>CDH1-A286'SVMEVTAT	43	>CDH1-A286'SVMEVTTT	79	36
>CDH1-A286'SVMEVTATD,	617	>CDH1-A286'SVMEVTTTD/	254	363
>CDH1-A286'SVMEVTATD	581	>CDH1-A286'SVMEVTTTD	336	245
>CDH1-A286'SVMEVTAT	201	>CDH1-A286'SVMEVTTT	437	236

>CDH1-A286`SVMEVTATD,	308	>CDH1-A286`SVMEVTTTD/	393	85
>CDH1-A286`SVMEVTAT	438	>CDH1-A286`SVMEVTTT	703	265
>CDH1-A286`SVMEVTATD,	233	>CDH1-A286`SVMEVTTTD/	255	22
>CDH1-A298 AAIAYTIL	87	>CDH1-A298 DAIAYTIL	2364	2277
>CDH1-A298 AAIAYTIL	477	>CDH1-A298 DAIAYTIL	9402	8925
>CDH1-A298 AAIAYTIL	335	>CDH1-A298 DAIAYTIL	12274	11939
>CDH1-A298 AAIAYTIL	3564	>CDH1-A298 DAIAYTIL	445	3119
>CDH1-A298 AAIAYTIL	252	>CDH1-A298 DAIAYTIL	7349	7097
>CDH1-A298 AAIAYTIL	189	>CDH1-A298 DAIAYTIL	8055	7866
>CDH1-A298 NAAIAYTI	28	>CDH1-A298 NDAIAYTI	2104	2076
>CDH1-A298 NAAIAYTIL	318	>CDH1-A298 NDAIAYTIL	10963	10645
>CDH1-A298 NAAIAYTI	167	>CDH1-A298 NDAIAYTI	10065	9898
>CDH1-A298 NAAIAYTI	6988	>CDH1-A298 NDAIAYTI	291	6697
>CDH1-A298 NAAIAYTI	174	>CDH1-A298 NDAIAYTI	2975	2801
>CDH1-A298 NAAIAYTI	21338	>CDH1-A298 NDAIAYTI	41	21297
>CDH1-A298 DADDDVNTY	476	>CDH1-A298 DADDDVNTY	16088	15612
>CDH1-A298 YNAAIAYTI	340	>CDH1-A298 YNDAIAYTI	1742	1402
>CDH1-A298 YNAAIAYTI	84	>CDH1-A298 YNDAIAYTI	829	745
>CDH1-A298 YNAAIAYTI	327	>CDH1-A298 YNDAIAYTI	828	501
>CDH1-A298 YNAAIAYTI	19	>CDH1-A298 YNDAIAYTI	2823	2804
>CDH1-A298 YNAAIAYTI	168	>CDH1-A298 YNDAIAYTI	161	7
>CDH1-A298 YNAAIAYTIL	87	>CDH1-A298 YNDAIAYTIL	87	0
>CDH1-A298 YNAAIAYTI	306	>CDH1-A298 YNDAIAYTI	1641	1335
>CDH1-A298 TYNAAIAYTI	4	>CDH1-A298 TYNDAIAYTI	57	53
>CDH1-A298 TYNAAIAYTIL	15	>CDH1-A298 TYNDAIAYTIL	465	450
>CDH1-A298 TYNAAIAYTI	132	>CDH1-A298 TYNDAIAYTI	147	15
>CDH1-A298 TYNAAIAYTI	112	>CDH1-A298 TYNDAIAYTI	130	18
>CDH1-A298 TYNAAIAYTI	14	>CDH1-A298 TYNDAIAYTI	27	13
>CDH1-A298 TYNAAIAYTIL	32	>CDH1-A298 TYNDAIAYTIL	71	39
>CDH1-A298 TYNAAIAY	92	>CDH1-A298 TYNDAIAY	69	23
>CDH1-A298 TYNAAIAY	163	>CDH1-A298 TYNDAIAY	127	36
>CDH1-A298 TYNAAIAYTI	308	>CDH1-A298 TYNDAIAYTI	424	116
>CDH1-A298 TYNAAIAY	482	>CDH1-A298 TYNDAIAY	1446	964
>CDH1-A298 TYNAAIAY	489	>CDH1-A298 TYNDAIAY	507	18
>CDH1-A298 TYNAAIAY	187	>CDH1-A298 TYNDAIAY	769	582
>CDH1-A298 NTYNAAIAYT	210	>CDH1-A298 NTYNDAIAYT	700	490
>CDH1-A298 NTYNAAIAYT	284	>CDH1-A298 NTYNDAIAYT	244	40
>CDH1-A298 NTYNAAIAYT	107	>CDH1-A298 NTYNDAIAYT	117	10
>CDH1-A298 NTYNAAIAYT	593	>CDH1-A298 NTYNDAIAYT	362	231
>CDH1-A298 NTYNAAIAYT	220	>CDH1-A298 NTYNDAIAYT	306	86
>CDH1-A298 NTYNAAIAYT	291	>CDH1-A298 NTYNDAIAYT	266	25
>CDH1-A298 NTYNAAIAYT	509	>CDH1-A298 NTYNDAIAYT	324	185
>CDH1-A298 NTYNAAIAY	283	>CDH1-A298 NTYNDAIAY	694	411

>CDH1-A298 NTYNAAIAY	34	>CDH1-A298 NTYNDAIAY	56	22
>CDH1-A298 NTYNAAIAY	63	>CDH1-A298 NTYNDAIAY	29	34
>CDH1-A298 NTYNAAIAY	63	>CDH1-A298 NTYNDAIAY	61	2
>CDH1-A298 NTYNAAIAY	50	>CDH1-A298 NTYNDAIAY	47	3
>CDH1-A298 NTYNAAIAY	399	>CDH1-A298 NTYNDAIAY	258	141
>CDH1-A298 NTYNAAIAY	449	>CDH1-A298 NTYNDAIAY	582	133
>CDH1-A298 NTYNAAIAYT	16	>CDH1-A298 NTYNDAIAYT	17	1
>CDH1-A298 NTYNAAIAY	39	>CDH1-A298 NTYNDAIAY	75	36
>CDH1-A298 NTYNAAIA	130	>CDH1-A298 NTYNDAIA	298	168
>CDH1-A298 NTYNAAIAYT	20	>CDH1-A298 NTYNDAIAYT	32	12
>CDH1-A298 NTYNAAIAYT	12	>CDH1-A298 NTYNDAIAYT	25	13
>CDH1-A298 NTYNAAIA	160	>CDH1-A298 NTYNDAIA	995	835
>CDH1-A298 NTYNAAIAYT	68	>CDH1-A298 NTYNDAIAYT	113	45
>CDH1-A298 NTYNAAIAYT	8	>CDH1-A298 NTYNDAIAYT	12	4
>CDH1-A298 NTYNAAIAY	158	>CDH1-A298 NTYNDAIAY	361	203
>CDH1-A298 NTYNAAIAY	185	>CDH1-A298 NTYNDAIAY	325	140
>CDH1-A298 NTYNAAIAY	102	>CDH1-A298 NTYNDAIAY	173	71
>CDH1-A298 NTYNAAIAY	10	>CDH1-A298 NTYNDAIAY	29	19
>CDH1-A298 NTYNAAIAYT	102	>CDH1-A298 NTYNDAIAYT	290	188
>CDH1-A298 NTYNAAIAY	373	>CDH1-A298 NTYNDAIAY	1648	1275
>CDH1-A298 NTYNAAIAY	26	>CDH1-A298 NTYNDAIAY	36	10
>CDH1-A298 NTYNAAIAY	70	>CDH1-A298 NTYNDAIAY	132	62
>CDH1-A298 NTYNAAIAYT	305	>CDH1-A298 NTYNDAIAYT	431	126
>CDH1-A298 NTYNAAIAY	64	>CDH1-A298 NTYNDAIAY	510	446
>CDH1-A298 NTYNAAIAYT	16	>CDH1-A298 NTYNDAIAYT	20	4
>CDH1-A298 DVNTYNAAIA	130	>CDH1-A298 DVNTYNDAIA	359	229
>CDH1-A298 DVNTYNAAIA	20	>CDH1-A298 DVNTYNDAIA	17	3
>CDH1-A298 DVNTYNAAIA	231	>CDH1-A298 DVNTYNDAIA	334	103
>CDH1-A298 DVNTYNAAIA	313	>CDH1-A298 DVNTYNDAIA	474	161
>CDH1-A298 DVNTYNAAIA	349	>CDH1-A298 DVNTYNDAIA	494	145
>CDH1-A298 DVNTYNAA	175	>CDH1-A298 DVNTYNDA	1331	1156
>CDH1-A298 DVNTYNAAI	31	>CDH1-A298 DVNTYNDAI	83	52
>CDH1-A298 DVNTYNAAI	79	>CDH1-A298 DVNTYNDAI	533	454
>CDH1-A298 DVNTYNAAIA	29	>CDH1-A298 DVNTYNDAIA	31	2
>CDH1-A298 DDVNTYNAA	312	>CDH1-A298 DDVNTYNDA	260	52
>CDH1-A298 DDDVNTYNA	1243	>CDH1-A298 DDDVNTYND	339	904
>CDH1-A298 DDDVNTYNA	149	>CDH1-A298 DDDVNTYND	118	31
>CDH1-A347 QAADLQGEG	754	>CDH1-A347' QVADLQGEG	291	463
>CDH1-A347 VQAADLQGE	126	>CDH1-A347' VQVADLQGE	700	574
>CDH1-A347 VQAADLQGE	415	>CDH1-A347' VQVADLQGE	914	499
>CDH1-A347 VQAADLQGE	36	>CDH1-A347' VQVADLQGE	26	10
>CDH1-A347 VQAADLQGE	429	>CDH1-A347' VQVADLQGE	347	82
>CDH1-A347 TLVVQAADL	484	>CDH1-A347' TLVVQVADL	176	308

>CDH1-A347 TLVVQAADL	840	>CDH1-A347 TLVVQVADL	115	725
>CDH1-A347 TLVVQAADL	1350	>CDH1-A347 TLVVQVADL	474	876
>CDH1-A347 TLVVQAADL	78	>CDH1-A347 TLVVQVADL	35	43
>CDH1-A347 YTLVVQAA	55	>CDH1-A347 YTLVVQVA	273	218
>CDH1-A347 YTLVVQAADI	751	>CDH1-A347 YTLVVQVADI	361	390
>CDH1-A347 YTLVVQAA	62	>CDH1-A347 YTLVVQVA	133	71
>CDH1-A347 YTLVVQAADI	435	>CDH1-A347 YTLVVQVADI	213	222
>CDH1-A347 YTLVVQAA	351	>CDH1-A347 YTLVVQVA	292	59
>CDH1-A347 YTLVVQAADI	714	>CDH1-A347 YTLVVQVADI	287	427
>CDH1-A347 YTLVVQAADI	557	>CDH1-A347 YTLVVQVADI	413	144
>CDH1-A347 YTLVVQAA	377	>CDH1-A347 YTLVVQVA	786	409
>CDH1-A347 YTLVVQAA	111	>CDH1-A347 YTLVVQVA	504	393
>CDH1-A347 YTLVVQAADI	157	>CDH1-A347 YTLVVQVADI	235	78
>CDH1-A347 YTLVVQAADI	12	>CDH1-A347 YTLVVQVADI	20	8
>CDH1-A347 YTLVVQAADI	307	>CDH1-A347 YTLVVQVADI	486	179
>CDH1-A347 YTLVVQAADI	239	>CDH1-A347 YTLVVQVADI	246	7
>CDH1-A347 TYTLVVQA	7403	>CDH1-A347 TYTLVVQV	210	7193
>CDH1-A347 TYTLVVQAAC	157	>CDH1-A347 TYTLVVQVAC	159	2
>CDH1-A347 TYTLVVQA	1628	>CDH1-A347 TYTLVVQV	167	1461
>CDH1-A347 TYTLVVQAAC	36	>CDH1-A347 TYTLVVQVAC	26	10
>CDH1-A347 PTYTLVVQA	5140	>CDH1-A347 PTYTLVVQV	93	5047
>CDH1-A347 PTYTLVVQA	9026	>CDH1-A347 PTYTLVVQV	229	8797
>CDH1-A347 PTYTLVVQA	3386	>CDH1-A347 PTYTLVVQV	291	3095
>CDH1-A347 PTYTLVVQA	5166	>CDH1-A347 PTYTLVVQV	169	4997
>CDH1-A347 FPTYTLVVQA	25017	>CDH1-A347 FPTYTLVVQV	432	24585
>CDH1-A347 FPTYTLVVQA	4635	>CDH1-A347 FPTYTLVVQV	425	4210
>CDH1-A347 FPTYTLVVQA	204	>CDH1-A347 FPTYTLVVQV	579	375
>CDH1-A347 FPTYTLVVQA	227	>CDH1-A347 FPTYTLVVQV	265	38
>CDH1-A347 FPTYTLVVQA	89	>CDH1-A347 FPTYTLVVQV	265	176
>CDH1-A347 FPTYTLVVQA	611	>CDH1-A347 FPTYTLVVQV	189	422
>CDH1-A347 FPTYTLVVQA	5	>CDH1-A347 FPTYTLVVQV	6	1
>CDH1-A347 FPTYTLVVQA	4	>CDH1-A347 FPTYTLVVQV	5	1
>CDH1-A347 FPTYTLVVQA	353	>CDH1-A347 FPTYTLVVQV	105	248
>CDH1-A592 APIPEPRTIF	479	>CDH1-A592 TPIPEPRTIF	598	119
>CDH1-A592 APIPEPRTIFF	45	>CDH1-A592 TPIPEPRTIFF	52	7
>CDH1-A592 APIPEPRTIF	165	>CDH1-A592 TPIPEPRTIF	144	21
>CDH1-A592 APIPEPRTIF	99	>CDH1-A592 TPIPEPRTIF	564	465
>CDH1-A592 APIPEPRTIFF	273	>CDH1-A592 TPIPEPRTIFF	1387	1114
>CDH1-A592 APIPEPRTIF	559	>CDH1-A592 TPIPEPRTIF	247	312
>CDH1-A592 APIPEPRTIFF	129	>CDH1-A592 TPIPEPRTIFF	51	78
>CDH1-A592 APIPEPRTI	543	>CDH1-A592 TPIPEPRTI	327	216
>CDH1-A592 APIPEPRTIFF	425	>CDH1-A592 TPIPEPRTIFF	230	195
>CDH1-A592 APIPEPRTIF	239	>CDH1-A592 TPIPEPRTIF	746	507

>CDH1-A592' APIPEPRTIFF	368	>CDH1-A592' TPIPEPRTIFF	1240	872
>CDH1-A592' APIPEPRTIFF	264	>CDH1-A592' TPIPEPRTIFF	177	87
>CDH1-A592' NAPIPEPR	293	>CDH1-A592' NTPIPEPR	84	209
>CDH1-A592' NAPIPEPRTI	2200	>CDH1-A592' NTPIPEPRTI	120	2080
>CDH1-A592' NAPIPEPRTIF	315	>CDH1-A592' NTPIPEPRTIF	19	296
>CDH1-A592' LLILSDVNDN,	76	>CDH1-A592' LLILSDVNDN`	460	384
>CDH1-A592' LLILSDVNDN,	164	>CDH1-A592' LLILSDVNDN`	1700	1536
>CDH1-A592' LLILSDVNDN,	391	>CDH1-A592' LLILSDVNDN`	4059	3668
>CDH1-A592' LLILSDVNDN,	131	>CDH1-A592' LLILSDVNDN`	984	853
>CDH1-A592' DNAPIPEPR	98	>CDH1-A592' DNTPIPEPR	224	126
>CDH1-A592' DVNDNAPI	44	>CDH1-A592' DVNDNTPI	40	4
>CDH1-A592' DVNDNAPI	25	>CDH1-A592' DVNDNTPI	41	16
>CDH1-A592' SDVNDNAPI	229	>CDH1-A592' SDVNDNTPI	376	147
>CDH1-A592' LSDVNDNAPI	410	>CDH1-A592' LSDVNDNTPI	688	278
>CDH1-A592' LSDVNDNAPI	121	>CDH1-A592' LSDVNDNTPI	116	5
>CDH1-A592' ILSDVNDNA	163	>CDH1-A592' ILSDVNDNT	1405	1242
>CDH1-A592' ILSDVNDNAP	23	>CDH1-A592' ILSDVNDNTP	26	3
>CDH1-A592' ILSDVNDNA	6	>CDH1-A592' ILSDVNDNT	25	19
>CDH1-A592' ILSDVNDNAP	5	>CDH1-A592' ILSDVNDNTP	5	0
>CDH1-A592' ILSDVNDNA	27	>CDH1-A592' ILSDVNDNT	434	407
>CDH1-A592' ILSDVNDNAP	8	>CDH1-A592' ILSDVNDNTP	7	1
>CDH1-A592' ILSDVNDNA	338	>CDH1-A592' ILSDVNDNT	2848	2510
>CDH1-A592' ILSDVNDNAP	51	>CDH1-A592' ILSDVNDNTP	52	1
>CDH1-A592' ILSDVNDNA	37	>CDH1-A592' ILSDVNDNT	269	232
>CDH1-A592' ILSDVNDNAP	9	>CDH1-A592' ILSDVNDNTP	12	3
>CDH1-A592' ILSDVNDNA	351	>CDH1-A592' ILSDVNDNT	4492	4141
>CDH1-A592' ILSDVNDNAP	11	>CDH1-A592' ILSDVNDNTP	25	14
>CDH1-A592' ILSDVNDNA	64	>CDH1-A592' ILSDVNDNT	744	680
>CDH1-A592' ILSDVNDNAP	44	>CDH1-A592' ILSDVNDNTP	44	0
>CDH1-A592' ILSDVNDNA	83	>CDH1-A592' ILSDVNDNT	606	523
>CDH1-A592' ILSDVNDNAP	14	>CDH1-A592' ILSDVNDNTP	34	20
>CDH1-A592' ILSDVNDNA	19	>CDH1-A592' ILSDVNDNT	195	176
>CDH1-A592' ILSDVNDNAP	9	>CDH1-A592' ILSDVNDNTP	10	1
>CDH1-A592' ILSDVNDNAP	419	>CDH1-A592' ILSDVNDNTP	718	299
>CDH1-A592' LILSDVNDNA	288	>CDH1-A592' LILSDVNDNT	950	662
>CDH1-A592' LILSDVNDNA	156	>CDH1-A592' LILSDVNDNT	555	399
>CDH1-A617' ADLPPNTSPF	46	>CDH1-A617' TDLPPNTSPF	205	159
>CDH1-A617' DADLPPNTSF	3356	>CDH1-A617' DTDLPPNTSP	357	2999
>CDH1-A617' DADLPPNTSF	132	>CDH1-A617' DTDLPPNTSP	1299	1167
>CDH1-A617' QVINIIDADL	161	>CDH1-A617' QVINIIDTDL	557	396
>CDH1-A617' QVINIIDADL	398	>CDH1-A617' QVINIIDTDL	246	152
>CDH1-A617' QVINIIDA	140	>CDH1-A617' QVINIIDT	1539	1399
>CDH1-A617' KPQVINIIDA	77	>CDH1-A617' KPQVINIIDT	3158	3081

>CDH1-A634' ASANWTIQY	30	>CDH1-A634' VSANWTIQY	28	2
>CDH1-A634' ASANWTIQY	473	>CDH1-A634' VSANWTIQY	490	17
>CDH1-A634' ASANWTIQY	37	>CDH1-A634' VSANWTIQY	101	64
>CDH1-A634' ASANWTIQY	82	>CDH1-A634' VSANWTIQY	301	219
>CDH1-A634' ASANWTIQY	25	>CDH1-A634' VSANWTIQY	19	6
>CDH1-A634' ASANWTIQY	49	>CDH1-A634' VSANWTIQY	37	12
>CDH1-A634' ASANWTIQY	261	>CDH1-A634' VSANWTIQY	1195	934
>CDH1-A634' ASANWTIQY	403	>CDH1-A634' VSANWTIQY	121	282
>CDH1-A634' ASANWTIQY	115	>CDH1-A634' VSANWTIQY	155	40
>CDH1-A634' ASANWTIQY	182	>CDH1-A634' VSANWTIQY	268	86
>CDH1-A634' ASANWTIQY	6	>CDH1-A634' VSANWTIQY	7	1
>CDH1-A634' ASANWTIQY	540	>CDH1-A634' VSANWTIQY	190	350
>CDH1-A634' ASANWTIQY	199	>CDH1-A634' VSANWTIQY	38	161
>CDH1-A634' ASANWTIQY	53	>CDH1-A634' VSANWTIQY	37	16
>CDH1-A634' ASANWTIQ	374	>CDH1-A634' VSANWTIQ	4607	4233
>CDH1-A634' ASANWTIQY	178	>CDH1-A634' VSANWTIQY	884	706
>CDH1-A634' GASANWTIQ	789	>CDH1-A634' GVSANWTIQ	369	420
>CDH1-A634' GASANWTI	2128	>CDH1-A634' GVSANWTI	438	1690
>CDH1-A634' GASANWTI	3730	>CDH1-A634' GVSANWTI	494	3236
>CDH1-A634' GASANWTI	602	>CDH1-A634' GVSANWTI	122	480
>CDH1-A634' GASANWTI	2973	>CDH1-A634' GVSANWTI	299	2674
>CDH1-A634' GASANWTIQ	757	>CDH1-A634' GVSANWTIQ	298	459
>CDH1-A634' GASANWTIQ	153	>CDH1-A634' GVSANWTIQ	101	52
>CDH1-A634' GASANWTIQ	532	>CDH1-A634' GVSANWTIQ	330	202
>CDH1-A634' GASANWTIQ	70	>CDH1-A634' GVSANWTIQ	583	513
>CDH1-A634' GASANWTIQ	247	>CDH1-A634' GVSANWTIQ	162	85
>CDH1-A634' GASANWTI	414	>CDH1-A634' GVSANWTI	2377	1963
>CDH1-A634' SPFTAELTHG	673	>CDH1-A634' SPFTAELTHG	16	657
>CDH1-A634' SPFTAELTHG	1599	>CDH1-A634' SPFTAELTHG	169	1430
>CDH1-A634' SPFTAELTHG	287	>CDH1-A634' SPFTAELTHG	1666	1379
>CDH1-A634' HGASANWTI	273	>CDH1-A634' HGVSANWTI	331	58
>CDH1-A634' HGASANWTI	128	>CDH1-A634' HGVSANWTI	463	335
>CDH1-A634' HGASANWTI	265	>CDH1-A634' HGVSANWTI	1202	937
>CDH1-A634' HGASANWTI	1048	>CDH1-A634' HGVSANWTI	270	778
>CDH1-A634' HGASANWTI	44	>CDH1-A634' HGVSANWTI	51	7
>CDH1-A634' HGASANWTI	100	>CDH1-A634' HGVSANWTI	160	60
>CDH1-A634' HGASANWTI	426	>CDH1-A634' HGVSANWTI	1928	1502
>CDH1-A634' HGASANWTI	298	>CDH1-A634' HGVSANWTI	894	596
>CDH1-A634' THGASANWT	274	>CDH1-A634' THGVSANWT	1162	888
>CDH1-A634' THGASANWT	233	>CDH1-A634' THGVSANWT	751	518
>CDH1-A634' LTHGASANW	566	>CDH1-A634' LTHGVSANW	432	134
>CDH1-A634' LTHGASANW	371	>CDH1-A634' LTHGVSANW	423	52
>CDH1-A634' LTHGASANW	139	>CDH1-A634' LTHGVSANW	46	93

>CDH1-A634' LTHGASANW	430	>CDH1-A634' LTHGVSANW	528	98
>CDH1-A634' LTHGASANW	46	>CDH1-A634' LTHGVSANW	105	59
>CDH1-A634' LTHGASANW	1948	>CDH1-A634' LTHGVSANW	460	1488
>CDH1-A634' LTHGASANW	137	>CDH1-A634' LTHGVSANW	64	73
>CDH1-A634' LTHGASANW	56	>CDH1-A634' LTHGVSANW	35	21
>CDH1-A634' LTHGASANW	3	>CDH1-A634' LTHGVSANW	4	1
>CDH1-A634' LTHGASANW	19	>CDH1-A634' LTHGVSANW	40	21
>CDH1-A634' LTHGASANW	39	>CDH1-A634' LTHGVSANW	41	2
>CDH1-A634' LTHGASANW	20	>CDH1-A634' LTHGVSANW	13	7
>CDH1-A634' LTHGASANW	533	>CDH1-A634' LTHGVSANW	210	323
>CDH1-A634' LTHGASANW	94	>CDH1-A634' LTHGVSANW	138	44
>CDH1-A634' LTHGASANW	1061	>CDH1-A634' LTHGVSANW	330	731
>CDH1-A634' LTHGASANW	751	>CDH1-A634' LTHGVSANW	386	365
>CDH1-A634' LTHGASANW	394	>CDH1-A634' LTHGVSANW	238	156
>CDH1-A634' LTHGASANW	133	>CDH1-A634' LTHGVSANW	140	7
>CDH1-A634' LTHGASANW	35	>CDH1-A634' LTHGVSANW	30	5
>CDH1-A634' ELTHGASA	111	>CDH1-A634' ELTHGVSA	87	24
>CDH1-A634' AELTHGASA	312	>CDH1-A634' AELTHGVSA	122	190
>CDH1-A634' AELTHGASAN	52	>CDH1-A634' AELTHGVSAN	51	1
>CDH1-A634' AELTHGASAN	12	>CDH1-A634' AELTHGVSAN	12	0
>CDH1-A634' AELTHGAS	64	>CDH1-A634' AELTHGVS	88	24
>CDH1-A634' AELTHGASA	9	>CDH1-A634' AELTHGVSA	8	1
>CDH1-A634' AELTHGASA	71	>CDH1-A634' AELTHGVSA	57	14
>CDH1-A634' AELTHGASAN	45	>CDH1-A634' AELTHGVSAN	37	8
>CDH1-A634' AELTHGASAN	503	>CDH1-A634' AELTHGVSAN	343	160
>CDH1-A634' TAEALTHGA	5259	>CDH1-A634' TAEALTHGV	298	4961
>CDH1-A634' FTAELTHGA	29	>CDH1-A634' FTAELTHGV	9	20
>CDH1-A634' FTAELTHGAS	96	>CDH1-A634' FTAELTHGVS	102	6
>CDH1-A634' FTAELTHGA	4	>CDH1-A634' FTAELTHGV	2	2
>CDH1-A634' FTAELTHGAS	8	>CDH1-A634' FTAELTHGVS	12	4
>CDH1-A634' FTAELTHGA	8	>CDH1-A634' FTAELTHGV	3	5
>CDH1-A634' FTAELTHGAS	8	>CDH1-A634' FTAELTHGVS	15	7
>CDH1-A634' FTAELTHGA	7	>CDH1-A634' FTAELTHGV	4	3
>CDH1-A634' FTAELTHGAS	11	>CDH1-A634' FTAELTHGVS	11	0
>CDH1-A634' FTAELTHGA	24	>CDH1-A634' FTAELTHGV	2	22
>CDH1-A634' FTAELTHGAS	93	>CDH1-A634' FTAELTHGVS	107	14
>CDH1-A634' FTAELTHGA	83	>CDH1-A634' FTAELTHGV	4	79
>CDH1-A634' FTAELTHGA	46	>CDH1-A634' FTAELTHGV	6	40
>CDH1-A634' FTAELTHGAS	442	>CDH1-A634' FTAELTHGVS	312	130
>CDH1-A634' FTAELTHGA	293	>CDH1-A634' FTAELTHGV	5	288
>CDH1-A634' FTAELTHGA	49	>CDH1-A634' FTAELTHGV	2	47
>CDH1-A634' FTAELTHGAS	231	>CDH1-A634' FTAELTHGVS	294	63
>CDH1-A634' FTAELTHGA	2828	>CDH1-A634' FTAELTHGV	109	2719

>CDH1-A634' FTAELTHGA	5	>CDH1-A634' FTAELTHGV	4	1
>CDH1-A634' FTAELTHGAS	10	>CDH1-A634' FTAELTHGVS	11	1
>CDH1-A634' FTAELTHGA	4	>CDH1-A634' FTAELTHGV	2	2
>CDH1-A634' FTAELTHGAS	20	>CDH1-A634' FTAELTHGVS	28	8
>CDH1-A634' FTAELTHGA	2638	>CDH1-A634' FTAELTHGV	89	2549
>CDH1-A692' AAGVCRKAQ	1625	>CDH1-A692' AVGVCRKAQ	110	1515
>CDH1-A692' EVSVCDCEGA	77	>CDH1-A692' EVSVCDCEGA	12	65
>CDH1-A692' GAAGVCRK	252	>CDH1-A692' GAVGVCRK	540	288
>CDH1-A692' GAAGVCRK	232	>CDH1-A692' GAVGVCRK	566	334
>CDH1-A692' EGAAGVCR	62	>CDH1-A692' EGAVGVCR	66	4
>CDH1-A692' EGAAGVCRK	361	>CDH1-A692' EGAVGVCRK	514	153
>CDH1-A692' CEGAAGVCR	48	>CDH1-A692' CEGAVGVCR	48	0
>CDH1-A692' CDCEGAAGV	115	>CDH1-A692' CDCEGAVGV	126	11
>CDH1-A692' VCDCEGAAG	298	>CDH1-A692' VCDCEGAVG	396	98
>CDH1-A692' SVCDCEGAAC	138	>CDH1-A692' SVCDCEGAVC	348	210
>CDH1-A692' SVCDCEGAA	3761	>CDH1-A692' SVCDCEGAV	463	3298
>CDH1-A692' SVCDCEGAAC	48	>CDH1-A692' SVCDCEGAVC	45	3
>CDH1-A692' SVCDCEGAA	7698	>CDH1-A692' SVCDCEGAV	333	7365
>CDH1-A692' SVCDCEGAAC	58	>CDH1-A692' SVCDCEGAVC	66	8
>CDH1-A692' SVCDCEGAAC	265	>CDH1-A692' SVCDCEGAVC	188	77
>CDH1-A692' SVCDCEGAA	7086	>CDH1-A692' SVCDCEGAV	67	7019
>CDH1-A692' SVCDCEGAAC	10	>CDH1-A692' SVCDCEGAVC	11	1
>CDH1-A692' SVCDCEGAA	3474	>CDH1-A692' SVCDCEGAV	206	3268
>CDH1-A692' SVCDCEGAAC	51	>CDH1-A692' SVCDCEGAVC	57	6
>CDH1-A692' SVCDCEGAAC	349	>CDH1-A692' SVCDCEGAVC	451	102
>CDH1-A709' AILGILGGI	405	>CDH1-A709' TILGILGGI	823	418
>CDH1-A709' AILGILGGI	71	>CDH1-A709' TILGILGGI	124	53
>CDH1-A709' AILGILGGI	34	>CDH1-A709' TILGILGGI	80	46
>CDH1-A709' AILGILGGIL	443	>CDH1-A709' TILGILGGIL	358	85
>CDH1-A709' AILGILGGILA	114	>CDH1-A709' TILGILGGILA	260	146
>CDH1-A709' AILGILGGI	24	>CDH1-A709' TILGILGGI	109	85
>CDH1-A709' AILGILGGIL	414	>CDH1-A709' TILGILGGIL	1555	1141
>CDH1-A709' AILGILGGILA	232	>CDH1-A709' TILGILGGILA	1001	769
>CDH1-A709' AILGILGGI	366	>CDH1-A709' TILGILGGI	1498	1132
>CDH1-A709' AILGILGGI	357	>CDH1-A709' TILGILGGI	705	348
>CDH1-A709' AILGILGGI	223	>CDH1-A709' TILGILGGI	1221	998
>CDH1-A709' AILGILGGIL	356	>CDH1-A709' TILGILGGIL	1659	1303
>CDH1-A709' AILGILGGILA	209	>CDH1-A709' TILGILGGILA	1238	1029
>CDH1-A709' AILGILGGI	2955	>CDH1-A709' TILGILGGI	75	2880
>CDH1-A709' AILGILGGI	763	>CDH1-A709' TILGILGGI	51	712
>CDH1-A709' PAILGILGGI	9285	>CDH1-A709' PTILGILGGI	382	8903
>CDH1-A709' QPVEAGLQIP	84	>CDH1-A709' QPVEAGLQIP	75	9
>CDH1-A709' QPVEAGLQIP	34	>CDH1-A709' QPVEAGLQIP	755	721



>CDH1-A709' IPAILGIL	29	>CDH1-A709' IPTILGIL	79	50
>CDH1-A709' IPAILGILGGI	201	>CDH1-A709' IPTILGILGGI	1330	1129
>CDH1-A709' IPAILGIL	525	>CDH1-A709' IPTILGIL	382	143
>CDH1-A709' IPAILGILGGI	541	>CDH1-A709' IPTILGILGGI	409	132
>CDH1-A709' IPAILGILG	133	>CDH1-A709' IPTILGILG	147	14
>CDH1-A709' IPAILGILGGI	314	>CDH1-A709' IPTILGILGGI	398	84
>CDH1-A709' QIPAILGI	302	>CDH1-A709' QIPTILGI	507	205
>CDH1-A709' QIPAILGI	190	>CDH1-A709' QIPTILGI	485	295
>CDH1-A709' QIPAILGI	75	>CDH1-A709' QIPTILGI	173	98
>CDH1-A709' QIPAILGIL	346	>CDH1-A709' QIPTILGIL	632	286
>CDH1-A709' QIPAILGIL	187	>CDH1-A709' QIPTILGIL	268	81
>CDH1-A709' LQIPAILGI	124	>CDH1-A709' LQIPTILGI	181	57
>CDH1-A709' LQIPAILGI	319	>CDH1-A709' LQIPTILGI	578	259
>CDH1-A709' LQIPAILGIL	364	>CDH1-A709' LQIPTILGIL	464	100
>CDH1-A709' LQIPAILGI	41	>CDH1-A709' LQIPTILGI	43	2
>CDH1-A709' LQIPAILGIL	267	>CDH1-A709' LQIPTILGIL	224	43
>CDH1-A709' LQIPAILGI	4	>CDH1-A709' LQIPTILGI	4	0
>CDH1-A709' LQIPAILGIL	188	>CDH1-A709' LQIPTILGIL	132	56
>CDH1-A709' LQIPAILGI	327	>CDH1-A709' LQIPTILGI	172	155
>CDH1-A709' LQIPAILGI	479	>CDH1-A709' LQIPTILGI	274	205
>CDH1-A709' LQIPAILGI	85	>CDH1-A709' LQIPTILGI	104	19
>CDH1-A709' LQIPAILGIL	121	>CDH1-A709' LQIPTILGIL	173	52
>CDH1-A709' LQIPAILGI	88	>CDH1-A709' LQIPTILGI	47	41
>CDH1-A709' LQIPAILGIL	147	>CDH1-A709' LQIPTILGIL	95	52
>CDH1-A709' LQIPAILGIL	488	>CDH1-A709' LQIPTILGIL	315	173
>CDH1-A709' GLQIPAIL	557	>CDH1-A709' GLQIPTIL	331	226
>CDH1-A709' GLQIPAILGI	244	>CDH1-A709' GLQIPTILGI	212	32
>CDH1-A709' GLQIPAILGIL	768	>CDH1-A709' GLQIPTILGIL	467	301
>CDH1-A709' GLQIPAILGI	127	>CDH1-A709' GLQIPTILGI	88	39
>CDH1-A709' GLQIPAIL	163	>CDH1-A709' GLQIPTIL	241	78
>CDH1-A709' GLQIPAILGI	30	>CDH1-A709' GLQIPTILGI	19	11
>CDH1-A709' GLQIPAILGIL	414	>CDH1-A709' GLQIPTILGIL	379	35
>CDH1-A709' GLQIPAIL	63	>CDH1-A709' GLQIPTIL	105	42
>CDH1-A709' GLQIPAILGI	56	>CDH1-A709' GLQIPTILGI	30	26
>CDH1-A709' GLQIPAILGIL	226	>CDH1-A709' GLQIPTILGIL	148	78
>CDH1-A709' GLQIPAIL	520	>CDH1-A709' GLQIPTIL	436	84
>CDH1-A709' GLQIPAILGI	151	>CDH1-A709' GLQIPTILGI	113	38
>CDH1-A709' GLQIPAIL	33	>CDH1-A709' GLQIPTIL	32	1
>CDH1-A709' GLQIPAILGI	36	>CDH1-A709' GLQIPTILGI	26	10
>CDH1-A709' GLQIPAILGIL	91	>CDH1-A709' GLQIPTILGIL	83	8
>CDH1-A709' AGLQIPAI	963	>CDH1-A709' AGLQIPTI	476	487
>CDH1-A709' EAGLQIPAI	249	>CDH1-A709' EAGLQIPTI	326	77
>CDH1-A709' VEAGLQIPAI	49	>CDH1-A709' VEAGLQIPTI	43	6

>CDH1-A709' VEAGLQIPA	493	>CDH1-A709' VEAGLQIPT	1110	617
>CDH1-A709' VEAGLQIPAIL	417	>CDH1-A709' VEAGLQIPTIL	447	30
>CDH1-A709' VEAGLQIPAIL	442	>CDH1-A709' VEAGLQIPTIL	950	508
>CDH1-A709' VEAGLQIPAIL	19	>CDH1-A709' VEAGLQIPTIL	20	1
>CDH1-A709' VEAGLQIPA	150	>CDH1-A709' VEAGLQIPT	180	30
>CDH1-A709' VEAGLQIPAI	270	>CDH1-A709' VEAGLQIPTI	204	66
>CDH1-A709' VEAGLQIPAIL	591	>CDH1-A709' VEAGLQIPTIL	228	363
>CDH1-A709' VEAGLQIPA	13	>CDH1-A709' VEAGLQIPT	78	65
>CDH1-A709' VEAGLQIPAI	9	>CDH1-A709' VEAGLQIPTI	9	0
>CDH1-A709' VEAGLQIPAIL	105	>CDH1-A709' VEAGLQIPTIL	99	6
>CDH1-D254 DQNDNKPEF	15714	>CDH1-D254 YQNDNKPEF	103	15611
>CDH1-D254 DQNDNKPEF	18220	>CDH1-D254 YQNDNKPEF	424	17796
>CDH1-D254 DQNDNKPEF	3001	>CDH1-D254 YQNDNKPEF	57	2944
>CDH1-D254 DQNDNKPEF	253	>CDH1-D254 YQNDNKPEF	6	247
>CDH1-D254 DQNDNKPEF	309	>CDH1-D254 YQNDNKPEF	1160	851
>CDH1-D254 TDQNDNKPE	18937	>CDH1-D254 TYQNDNKPEI	123	18814
>CDH1-D254 TDQNDNKPE	20669	>CDH1-D254 TYQNDNKPEI	91	20578
>CDH1-D254 TDQNDNKPE	19442	>CDH1-D254 TYQNDNKPEI	8	19434
>CDH1-D254 DPMEILITVTI	34274	>CDH1-D254 DPMEILITVTY	450	33824
>CDH1-D254 DPMEILITVTI	3080	>CDH1-D254 DPMEILITVTY	24	3056
>CDH1-D254 DPMEILITVTI	1363	>CDH1-D254 DPMEILITVTY	8	1355
>CDH1-D254 DPMEILITVTI	16294	>CDH1-D254 DPMEILITVTY	76	16218
>CDH1-D254 DPMEILITVTI	17357	>CDH1-D254 DPMEILITVTY	12	17345
>CDH1-D254 DPMEILITVTI	10938	>CDH1-D254 DPMEILITVTY	38	10900
>CDH1-D254 VTDQNDNKP	8651	>CDH1-D254 VTYQNDNKP	145	8506
>CDH1-D254 VTDQNDNK	10219	>CDH1-D254 VTYQNDNK	266	9953
>CDH1-D254 VTDQNDNK	276	>CDH1-D254 VTYQNDNK	39	237
>CDH1-D254 VTDQNDNKP	10118	>CDH1-D254 VTYQNDNKP	494	9624
>CDH1-D254 VTDQNDNKP	16386	>CDH1-D254 VTYQNDNKP	343	16043
>CDH1-D254 VTDQNDNK	1413	>CDH1-D254 VTYQNDNK	53	1360
>CDH1-D254 VTDQNDNKP	12244	>CDH1-D254 VTYQNDNKP	464	11780
>CDH1-D254 VTDQNDNKP	6635	>CDH1-D254 VTYQNDNKP	89	6546
>CDH1-D254 VTDQNDNKP	16	>CDH1-D254 VTYQNDNKP	4	12
>CDH1-D254 VTDQNDNKP	957	>CDH1-D254 VTYQNDNKP	114	843
>CDH1-D254 VTDQNDNKP	980	>CDH1-D254 VTYQNDNKP	108	872
>CDH1-D254 TVTDQNDNK	80	>CDH1-D254 TVTYQNDNK	95	15
>CDH1-D254 TVTDQNDNK	39	>CDH1-D254 TVTYQNDNK	14	25
>CDH1-D254 ITVTDQNDNI	2329	>CDH1-D254 ITVTYQNDNK	346	1983
>CDH1-D254 ITVTDQNDNI	143	>CDH1-D254 ITVTYQNDNK	73	70
>CDH1-D254 ITVTDQNDNI	421	>CDH1-D254 ITVTYQNDNK	122	299
>CDH1-D254 LITVTDQNDN	265	>CDH1-D254 LITVTYQNDN	304	39
>CDH1-D254 ILITVTDQ	1313	>CDH1-D254 ILITVTYQ	111	1202
>CDH1-D254 ILITVTDQ	7323	>CDH1-D254 ILITVTYQ	351	6972

>CDH1-D254 ILITVTDQ	837	>CDH1-D254 ILITVTYQ	121	716
>CDH1-D254 EILITVTD	20141	>CDH1-D254 EILITVTY	284	19857
>CDH1-D254 EILITVTD	30406	>CDH1-D254 EILITVTY	80	30326
>CDH1-D254 EILITVTD	35384	>CDH1-D254 EILITVTY	261	35123
>CDH1-D254 EILITVTD	24481	>CDH1-D254 EILITVTY	265	24216
>CDH1-D254 MEILITVTD	13168	>CDH1-D254 MEILITVTY	484	12684
>CDH1-D254 MEILITVTD	24400	>CDH1-D254 MEILITVTY	133	24267
>CDH1-D254 MEILITVTD	6236	>CDH1-D254 MEILITVTY	293	5943
>CDH1-D254 MEILITVTD	19634	>CDH1-D254 MEILITVTY	477	19157
>CDH1-D254 MEILITVTD	22688	>CDH1-D254 MEILITVTY	134	22554
>CDH1-D254 MEILITVTD	205	>CDH1-D254 MEILITVTY	5	200
>CDH1-D254 MEILITVTDQI	2746	>CDH1-D254 MEILITVTYQI	487	2259
>CDH1-D254 MEILITVTD	19970	>CDH1-D254 MEILITVTY	49	19921
>CDH1-D254 MEILITVTD	3808	>CDH1-D254 MEILITVTY	163	3645
>CDH1-D254 MEILITVTD	484	>CDH1-D254 MEILITVTY	25	459
>CDH1-D254 MEILITVTD	1269	>CDH1-D254 MEILITVTY	321	948
>CDH1-D254 MEILITVTD	142	>CDH1-D254 MEILITVTY	149	7
>CDH1-D254 MEILITVTDQI	102	>CDH1-D254 MEILITVTYQI	138	36
>CDH1-D254 MEILITVTD	32622	>CDH1-D254 MEILITVTY	185	32437
>CDH1-D254 PMEILITVTD	31243	>CDH1-D254 PMEILITVTY	166	31077
>CDH1-D257 DNKPEFTQEV	7610	>CDH1-D257 GNKPEFTQEV	417	7193
>CDH1-D257 DQNDNKPEF	253	>CDH1-D257 DQNGNKPEF	546	293
>CDH1-D257 DQNDNKPEF	309	>CDH1-D257 DQNGNKPEF	260	49
>CDH1-D257 VTDQNDNK	276	>CDH1-D257 VTDQNGNK	229	47
>CDH1-D257 VTDQNDNKP	16	>CDH1-D257 VTDQNGNKP	13	3
>CDH1-D257 VTDQNDNKP	980	>CDH1-D257 VTDQNGNKP	423	557
>CDH1-D257 TVTDQNDNK	80	>CDH1-D257 TVTDQNGNK	91	11
>CDH1-D257 TVTDQNDNK	39	>CDH1-D257 TVTDQNGNK	64	25
>CDH1-D257 ITVTDQNDNI	143	>CDH1-D257 ITVTDQNGNI	199	56
>CDH1-D257 ITVTDQNDNI	421	>CDH1-D257 ITVTDQNGNI	1159	738
>CDH1-D257 LITVTDQNDN	265	>CDH1-D257 LITVTDQNGN	357	92
>CDH1-D308 SQDPELPDK	705	>CDH1-D308 SQNPPELPDK	151	554
>CDH1-D308 SQDPELPDKI	3211	>CDH1-D308 SQNPPELPDKI	175	3036
>CDH1-D308 LSQDPELPDK	160	>CDH1-D308 LSQNPPELPDK	143	17
>CDH1-D308 ILSQDPEL	117	>CDH1-D308 ILSQNPPEL	104	13
>CDH1-D308 ILSQDPEL	14	>CDH1-D308 ILSQNPPEL	12	2
>CDH1-D308 ILSQDPEL	190	>CDH1-D308 ILSQNPPEL	125	65
>CDH1-D308 ILSQDPEL	28	>CDH1-D308 ILSQNPPEL	15	13
>CDH1-D308 ILSQDPEL	181	>CDH1-D308 ILSQNPPEL	96	85
>CDH1-D308 ILSQDPEL	30	>CDH1-D308 ILSQNPPEL	40	10
>CDH1-D308 ILSQDPEL	55	>CDH1-D308 ILSQNPPEL	23	32
>CDH1-D308 ILSQDPEL	6	>CDH1-D308 ILSQNPPEL	4	2
>CDH1-D308 ILSQDPELPDI	529	>CDH1-D308 ILSQNPPELPDI	278	251

>CDH1-D308 TILSQDPEL	718	>CDH1-D308 TILSQNPEL	251	467
>CDH1-D308 TILSQDPEL	829	>CDH1-D308 TILSQNPEL	479	350
>CDH1-D308 TILSQDPEL	771	>CDH1-D308 TILSQNPEL	419	352
>CDH1-D308 TILSQDPEL	216	>CDH1-D308 TILSQNPEL	341	125
>CDH1-D308 TILSQDPEL	191	>CDH1-D308 TILSQNPEL	143	48
>CDH1-D308 TILSQDPEL	797	>CDH1-D308 TILSQNPEL	51	746
>CDH1-D308 YTILSQDPEL	426	>CDH1-D308 YTILSQNPEL	358	68
>CDH1-D308 YTILSQDPEL	213	>CDH1-D308 YTILSQNPEL	254	41
>CDH1-D308 YTILSQDPEL	82	>CDH1-D308 YTILSQNPEL	72	10
>CDH1-D308 YTILSQDPEL	29	>CDH1-D308 YTILSQNPEL	26	3
>CDH1-D308 YTILSQDPEL	1476	>CDH1-D308 YTILSQNPEL	485	991
>CDH1-D308 YTILSQDPEL	457	>CDH1-D308 YTILSQNPEL	94	363
>CDH1-D308 YTILSQDPEL	7	>CDH1-D308 YTILSQNPEL	7	0
>CDH1-D308 YTILSQDPEL	849	>CDH1-D308 YTILSQNPEL	266	583
>CDH1-D308 YTILSQDPEL	209	>CDH1-D308 YTILSQNPEL	75	134
>CDH1-D308 YTILSQDPEL	929	>CDH1-D308 YTILSQNPEL	303	626
>CDH1-D308 AYTILSQDPEL	937	>CDH1-D308 AYTILSQNPEL	374	563
>CDH1-D308 AYTILSQDPEL	18	>CDH1-D308 AYTILSQNPEL	15	3
>CDH1-D308 IAYTILSQD	2157	>CDH1-D308 IAYTILSQN	369	1788
>CDH1-D334 DRESFPTY	1958	>CDH1-D334 HRESFPTY	269	1689
>CDH1-D334 DRESFPTYTL	968	>CDH1-D334 HRESFPTYTL	22	946
>CDH1-D334 DRESFPTYTL	303	>CDH1-D334 HRESFPTYTL	23	280
>CDH1-D334 DRESFPTYTL\	3293	>CDH1-D334 HRESFPTYTL\	284	3009
>CDH1-D334 LDRESFPTY	262	>CDH1-D334 LHRESFPTY	779	517
>CDH1-D334 LDRESFPTY	204	>CDH1-D334 LHRESFPTY	7	197
>CDH1-D334 LDRESFPTYTL	2194	>CDH1-D334 LHRESFPTYTL	67	2127
>CDH1-D334 LDRESFPTY	429	>CDH1-D334 LHRESFPTY	2032	1603
>CDH1-D334 LDRESFPTYTL	16840	>CDH1-D334 LHRESFPTYTL	430	16410
>CDH1-D334 LDRESFPTY	29504	>CDH1-D334 LHRESFPTY	397	29107
>CDH1-D334 LDRESFPTYTL	361	>CDH1-D334 LHRESFPTYTL	21710	21349
>CDH1-D334 GVISVVTGLI	10326	>CDH1-D334 GVISVVTGLI	281	10045
>CDH1-D334 GLDRESFPTY	3022	>CDH1-D334 GLHRESFPTY	302	2720
>CDH1-D334 GLDRESFPT	226	>CDH1-D334 GLHRESFPT	452	226
>CDH1-D334 GLDRESFPTY	66	>CDH1-D334 GLHRESFPTY	120	54
>CDH1-D334 GLDRESFPT	80	>CDH1-D334 GLHRESFPT	436	356
>CDH1-D334 GLDRESFPTY	319	>CDH1-D334 GLHRESFPTY	1273	954
>CDH1-D334 GLDRESFPT	141	>CDH1-D334 GLHRESFPT	1105	964
>CDH1-D334 GLDRESFPTY	185	>CDH1-D334 GLHRESFPTY	1057	872
>CDH1-D334 GLDRESFPT	352	>CDH1-D334 GLHRESFPT	196	156
>CDH1-D334 GLDRESFPTY	229	>CDH1-D334 GLHRESFPTY	127	102
>CDH1-D334 GLDRESFPTY	1024	>CDH1-D334 GLHRESFPTY	71	953
>CDH1-D334 GLDRESFPTY	2374	>CDH1-D334 GLHRESFPTY	374	2000
>CDH1-D334 GLDRESFPTY	5421	>CDH1-D334 GLHRESFPTY	228	5193

>CDH1-D334 TGLDRESFPT'	354	>CDH1-D334 TGLHRESFPT'	236	118
>CDH1-D334 TGLDRESFPT'	466	>CDH1-D334 TGLHRESFPT'	532	66
>CDH1-D334 TGLDRESFPT'	495	>CDH1-D334 TGLHRESFPT'	468	27
>CDH1-D334 TTGLDRESF	864	>CDH1-D334 TTGLHRESF	439	425
>CDH1-D334 VTTGLDRESF	860	>CDH1-D334 VTTGLHRESF	496	364
>CDH1-D334 VTTGLDRESF	374	>CDH1-D334 VTTGLHRESF	178	196
>CDH1-D334 VTTGLDRESF	32	>CDH1-D334 VTTGLHRESF	19	13
>CDH1-D334 VTTGLDRESF	484	>CDH1-D334 VTTGLHRESF	528	44
>CDH1-D334 VTTGLDRESF	379	>CDH1-D334 VTTGLHRESF	402	23
>CDH1-D334 VTTGLDRESF	652	>CDH1-D334 VTTGLHRESF	75	577
>CDH1-D334 VTTGLDRESF	42	>CDH1-D334 VTTGLHRESF	32	10
>CDH1-D334 VVTTGLDRES	221	>CDH1-D334 VVTTGLHRES	180	41
>CDH1-D334 VVTTGLDR	3460	>CDH1-D334 VVTTGLHR	230	3230
>CDH1-D334 VVTTGLDR	679	>CDH1-D334 VVTTGLHR	331	348
>CDH1-D334 VVTTGLDRES	289	>CDH1-D334 VVTTGLHRES	346	57
>CDH1-D334 SVVTTGLDR	372	>CDH1-D334 SVVTTGLHR	181	191
>CDH1-D334 SVVTTGLDR	3982	>CDH1-D334 SVVTTGLHR	201	3781
>CDH1-D334 SVVTTGLDR	234	>CDH1-D334 SVVTTGLHR	96	138
>CDH1-D334 SVVTTGLDR	1040	>CDH1-D334 SVVTTGLHR	122	918
>CDH1-D334 ISVVTTGLDR	384	>CDH1-D334 ISVVTTGLHR	145	239
>CDH1-D334 ISVVTTGLDR	738	>CDH1-D334 ISVVTTGLHR	293	445
>CDH1-D334 ISVVTTGLDR	101	>CDH1-D334 ISVVTTGLHR	67	34
>CDH1-D334 ISVVTTGLD	8536	>CDH1-D334 ISVVTTGLH	182	8354
>CDH1-D334 VISVVTTGLDI	1931	>CDH1-D334 VISVVTTGLHI	250	1681
>CDH1-D334 VISVVTTGLDI	336	>CDH1-D334 VISVVTTGLHI	209	127
>CDH1-D334 VISVVTTGLDI	2145	>CDH1-D334 VISVVTTGLHI	459	1686
>CDH1-D370 DTNDNPPIF	74	>CDH1-D370 DTNANPPIF	112	38
>CDH1-D370 DTNDNPPI	118	>CDH1-D370 DTNANPPI	88	30
>CDH1-D370 DTNDNPPI	15	>CDH1-D370 DTNANPPI	17	2
>CDH1-D370 TDTNDNPPI	2373	>CDH1-D370 TDTNANPPI	404	1969
>CDH1-D370 TDTNDNPPI	240	>CDH1-D370 TDTNANPPI	197	43
>CDH1-D370 VTDNDNPPI	190	>CDH1-D370 VTDNANPPI	179	11
>CDH1-D370 VTDNDNPPI	1038	>CDH1-D370 VTDNANPPI	178	860
>CDH1-D370 VTDNDNPPI	678	>CDH1-D370 VTDNANPPI	183	495
>CDH1-D370 VTDNDNPPI	33	>CDH1-D370 VTDNANPPI	20	13
>CDH1-D370 VTDNDNPPI	387	>CDH1-D370 VTDNANPPI	349	38
>CDH1-D370 VTDNDNPPI	1338	>CDH1-D370 VTDNANPPI	487	851
>CDH1-D370 VTDNDNPPI	753	>CDH1-D370 VTDNANPPI	358	395
>CDH1-D370 VTDNDNPPI	246	>CDH1-D370 VTDNANPPI	201	45
>CDH1-D370 TVTDTNDNPI	233	>CDH1-D370 TVTDTNANPI	140	93
>CDH1-D370 TVTDTNDNPI	46	>CDH1-D370 TVTDTNANPI	26	20
>CDH1-D370 TVTDTNDNPI	48	>CDH1-D370 TVTDTNANPI	20	28
>CDH1-D370 DNPPIFNPT	1036	>CDH1-D370 HNPPIFNPT	408	628

>CDH1-D370 TNDNPPIF	5113	>CDH1-D370 TNHNPPIF	285	4828
>CDH1-D370 DTNDNPPIF	74	>CDH1-D370 DTNHNPPIF	112	38
>CDH1-D370 DTNDNPPI	118	>CDH1-D370 DTNHNPPI	125	7
>CDH1-D370 DTNDNPPI	15	>CDH1-D370 DTNHNPPI	36	21
>CDH1-D370 TDTNDNPPI	240	>CDH1-D370 TDTNHNPPI	199	41
>CDH1-D370 VTDTNDNPPI	190	>CDH1-D370 VTDTNHNPPI	180	10
>CDH1-D370 VTDTNDNPPI	1038	>CDH1-D370 VTDTNHNPPI	254	784
>CDH1-D370 VTDTNDNPPI	678	>CDH1-D370 VTDTNHNPPI	285	393
>CDH1-D370 VTDTNDNPPI	33	>CDH1-D370 VTDTNHNPPI	26	7
>CDH1-D370 VTDTNDNPPI	387	>CDH1-D370 VTDTNHNPPI	403	16
>CDH1-D370 VTDTNDNPPI	3451	>CDH1-D370 VTDTNHNPPI	460	2991
>CDH1-D370 VTDTNDNPPI	1338	>CDH1-D370 VTDTNHNPPI	420	918
>CDH1-D370 VTDTNDNPPI	753	>CDH1-D370 VTDTNHNPPI	364	389
>CDH1-D370 VTDTNDNPPI	246	>CDH1-D370 VTDTNHNPPI	101	145
>CDH1-D370 TVTDTNDNPI	233	>CDH1-D370 TVTDTNHNPI	140	93
>CDH1-D370 TVTDTNDNPI	46	>CDH1-D370 TVTDTNHNPI	37	9
>CDH1-D370 TVTDTNDNPI	48	>CDH1-D370 TVTDTNHNPI	16	32
>CDH1-D400 DADAPNTPA	19121	>CDH1-D400 YADAPNTPA	110	19011
>CDH1-D400 DADAPNTPA	123	>CDH1-D400 YADAPNTPA	66	57
>CDH1-D400 DADAPNTPA'	2876	>CDH1-D400 YADAPNTPA\	31	2845
>CDH1-D400 DADAPNTPA'	2103	>CDH1-D400 YADAPNTPA\	25	2078
>CDH1-D400 DADAPNTPA'	746	>CDH1-D400 YADAPNTPA\	161	585
>CDH1-D400 TDADAPNTP/	22100	>CDH1-D400 TYADAPNTP/	139	21961
>CDH1-D400 TDADAPNTP/	23556	>CDH1-D400 TYADAPNTP/	317	23239
>CDH1-D400 TDADAPNTP/	24187	>CDH1-D400 TYADAPNTP/	42	24145
>CDH1-D400 NVVITTLKVT\	36650	>CDH1-D400 NVVITTLKVT\	453	36197
>CDH1-D400 NVVITTLKVT\	22624	>CDH1-D400 NVVITTLKVT\	151	22473
>CDH1-D400 NVVITTLKVT\	25165	>CDH1-D400 NVVITTLKVT\	352	24813
>CDH1-D400 NVVITTLKVT\	20952	>CDH1-D400 NVVITTLKVT\	152	20800
>CDH1-D400 NVVITTLKVT\	32523	>CDH1-D400 NVVITTLKVT\	156	32367
>CDH1-D400 VTDADAPNTF	8665	>CDH1-D400 VTYADAPNTF	335	8330
>CDH1-D400 VTDADAPNTF	800	>CDH1-D400 VTYADAPNTF	198	602
>CDH1-D400 VTDADAPNTF	5479	>CDH1-D400 VTYADAPNTF	365	5114
>CDH1-D400 VTDADAPNTF	965	>CDH1-D400 VTYADAPNTF	282	683
>CDH1-D400 VTDADAPNT	5693	>CDH1-D400 VTYADAPNT	376	5317
>CDH1-D400 VTDADAPNTF	6398	>CDH1-D400 VTYADAPNTF	463	5935
>CDH1-D400 LKVTDADA	2014	>CDH1-D400 LKVTYADA	449	1565
>CDH1-D400 TLKVTDADA	2136	>CDH1-D400 TLKVTYADA	175	1961
>CDH1-D400 TTLKVTDA	7334	>CDH1-D400 TTLKVTYA	401	6933
>CDH1-D400 TTLKVTDA	778	>CDH1-D400 TTLKVTYA	36	742
>CDH1-D400 TTLKVTDA	1376	>CDH1-D400 TTLKVTYA	76	1300
>CDH1-D400 TTLKVTDADA	1514	>CDH1-D400 TTLKVTYADA	246	1268
>CDH1-D400 ITTLKVTD	26541	>CDH1-D400 ITTLKVTY	283	26258

>CDH1-D400 ITTLKVTD	32213	>CDH1-D400 ITTLKVTY	357	31856
>CDH1-D400 ITTLKVTD	9666	>CDH1-D400 ITTLKVTY	5	9661
>CDH1-D400 ITTLKVTD	26503	>CDH1-D400 ITTLKVTY	361	26142
>CDH1-D400 VITTLKVTD	31678	>CDH1-D400 VITTLKVTY	193	31485
>CDH1-D400 VITTLKVTD	28457	>CDH1-D400 VITTLKVTY	496	27961
>CDH1-D400 VITTLKVTD	37688	>CDH1-D400 VITTLKVTY	416	37272
>CDH1-D400 VVITTLKVTD/	399	>CDH1-D400 VVITTLKVTYA	76	323
>CDH1-D400 VVITTLKVTD/	2220	>CDH1-D400 VVITTLKVTYA	150	2070
>CDH1-D400 VVITTLKVTD	13847	>CDH1-D400 VVITTLKVTY	25	13822
>CDH1-D400 VVITTLKVTD	33491	>CDH1-D400 VVITTLKVTY	382	33109
>CDH1-D400 VVITTLKVTD	20550	>CDH1-D400 VVITTLKVTY	410	20140
>CDH1-D400 VVITTLKVTD	26741	>CDH1-D400 VVITTLKVTY	467	26274
>CDH1-D400 VVITTLKVTD	22331	>CDH1-D400 VVITTLKVTY	106	22225
>CDH1-D400 VVITTLKVTD	36113	>CDH1-D400 VVITTLKVTY	253	35860
>CDH1-D402 DAPNTPAWE	935	>CDH1-D402 NAPNTPAWE	401	534
>CDH1-D402 DAPNTPAWE	77	>CDH1-D402 NAPNTPAWE	40	37
>CDH1-D402 ADAPNTPAW	415	>CDH1-D402 ANAPNTPAW	9733	9318
>CDH1-D402 DADAPNTPA	1226	>CDH1-D402 DANAPNTPA	59	1167
>CDH1-D402 DADAPNTPA	123	>CDH1-D402 DANAPNTPA	287	164
>CDH1-D402 DADAPNTPA'	746	>CDH1-D402 DANAPNTPA'	362	384
>CDH1-D402 TTLKVTDADA	1514	>CDH1-D402 TTLKVTDANA	319	1195
>CDH1-D479 DVNEAPIFV	7868	>CDH1-D479 GVNEAPIFV	59	7809
>CDH1-D479 DVNEAPIFV	5647	>CDH1-D479 GVNEAPIFV	125	5522
>CDH1-D479 DVNEAPIFV	1933	>CDH1-D479 GVNEAPIFV	20	1913
>CDH1-D479 DVNEAPIFV	2163	>CDH1-D479 GVNEAPIFV	37	2126
>CDH1-D479 DVNEAPIFV	126	>CDH1-D479 GVNEAPIFV	8	118
>CDH1-D479 DVNEAPIFV	1817	>CDH1-D479 GVNEAPIFV	19	1798
>CDH1-D479 DVNEAPIFV	97	>CDH1-D479 GVNEAPIFV	9	88
>CDH1-D479 DVNEAPIFV	54	>CDH1-D479 GVNEAPIFV	26	28
>CDH1-D479 DVNEAPIFV	447	>CDH1-D479 GVNEAPIFV	32	415
>CDH1-D479 DVNEAPIF	215	>CDH1-D479 GVNEAPIF	7270	7055
>CDH1-D479 DVNEAPIFV	6467	>CDH1-D479 GVNEAPIFV	423	6044
>CDH1-D479 DVNEAPIFV	14	>CDH1-D479 GVNEAPIFV	345	331
>CDH1-D479 DVNEAPIFV	6	>CDH1-D479 GVNEAPIFV	167	161
>CDH1-D479 DVNEAPIF	381	>CDH1-D479 GVNEAPIF	2613	2232
>CDH1-D479 LDVNEAPIF	581	>CDH1-D479 LGVNEAPIF	294	287
>CDH1-D479 LDVNEAPI	90	>CDH1-D479 LGVNEAPI	8291	8201
>CDH1-D479 LDVNEAPI	124	>CDH1-D479 LGVNEAPI	11708	11584
>CDH1-D479 LDVNEAPIFV	164	>CDH1-D479 LGVNEAPIFV	13518	13354
>CDH1-D479 STATVTVDVL	1245	>CDH1-D479 STATVTVDVL	348	897
>CDH1-D479 VLDVNEAPI	1430	>CDH1-D479 VLGVNEAPI	135	1295
>CDH1-D479 VLDVNEAPI	468	>CDH1-D479 VLGVNEAPI	2193	1725
>CDH1-D479 VLDVNEAPIF'	32	>CDH1-D479 VLGVNEAPIF'	111	79

>CDH1-D479 VLDVNEAPIF'	59	>CDH1-D479 VLGVNEAPIF'	78	19
>CDH1-D479 VLDVNEAPIF'	296	>CDH1-D479 VLGVNEAPIF'	157	139
>CDH1-D479 VLDVNEAPIF'	96	>CDH1-D479 VLGVNEAPIF'	490	394
>CDH1-D479 VLDVNEAPI	17	>CDH1-D479 VLGVNEAPI	36	19
>CDH1-D479 VLDVNEAPIF'	2	>CDH1-D479 VLGVNEAPIF'	3	1
>CDH1-D479 VLDVNEAPI	10	>CDH1-D479 VLGVNEAPI	17	7
>CDH1-D479 VLDVNEAPIF'	4	>CDH1-D479 VLGVNEAPIF'	5	1
>CDH1-D479 VLDVNEAPI	77	>CDH1-D479 VLGVNEAPI	241	164
>CDH1-D479 VLDVNEAPIF'	4	>CDH1-D479 VLGVNEAPIF'	6	2
>CDH1-D479 VLDVNEAPI	79	>CDH1-D479 VLGVNEAPI	122	43
>CDH1-D479 VLDVNEAPIF'	3	>CDH1-D479 VLGVNEAPIF'	3	0
>CDH1-D479 VLDVNEAPI	32	>CDH1-D479 VLGVNEAPI	23	9
>CDH1-D479 VLDVNEAPIF'	5	>CDH1-D479 VLGVNEAPIF'	4	1
>CDH1-D479 DVLDVNEAPI	147	>CDH1-D479 DVLGVNEAPI	73	74
>CDH1-D479 DVLDVNEA	137	>CDH1-D479 DVLGVNEA	180	43
>CDH1-D479 DVLDVNEA	131	>CDH1-D479 DVLGVNEA	412	281
>CDH1-D479 DVLDVNEAPI	19	>CDH1-D479 DVLGVNEAPI	45	26
>CDH1-D479 VDVLVNEAI	728	>CDH1-D479 VDVLGVNEAI	296	432
>CDH1-D479 VDVLVNEAI	78	>CDH1-D479 VDVLGVNEAI	132	54
>CDH1-D479 VTVDVLDV	1455	>CDH1-D479 VTVDVLGV	414	1041
>CDH1-D479 VTVDVLDV	197	>CDH1-D479 VTVDVLGV	49	148
>CDH1-D479 VTVDVLDVNI	415	>CDH1-D479 VTVDVLGVNI	239	176
>CDH1-D479 VTVDVLDV	107	>CDH1-D479 VTVDVLGV	13	94
>CDH1-D479 VTVDVLDVNI	97	>CDH1-D479 VTVDVLGVNI	126	29
>CDH1-D479 VTVDVLDV	76	>CDH1-D479 VTVDVLGV	11	65
>CDH1-D479 VTVDVLDV	1631	>CDH1-D479 VTVDVLGV	397	1234
>CDH1-D479 VTVDVLDV	215	>CDH1-D479 VTVDVLGV	79	136
>CDH1-D479 VTVDVLDV	70	>CDH1-D479 VTVDVLGV	29	41
>CDH1-D479 VTVDVLDV	249	>CDH1-D479 VTVDVLGV	49	200
>CDH1-D479 VTVDVLDVNI	165	>CDH1-D479 VTVDVLGVNI	156	9
>CDH1-D479 VTVDVLDV	858	>CDH1-D479 VTVDVLGV	68	790
>CDH1-D479 VTVDVLDV	918	>CDH1-D479 VTVDVLGV	169	749
>CDH1-D479 TVTVDVLDV	1544	>CDH1-D479 TVTVDVLGV	344	1200
>CDH1-D479 TVTVDVLDV	1502	>CDH1-D479 TVTVDVLGV	78	1424
>CDH1-D479 TVTVDVLDV	1824	>CDH1-D479 TVTVDVLGV	374	1450
>CDH1-D479 TVTVDVLDV	248	>CDH1-D479 TVTVDVLGV	53	195
>CDH1-D479 TVTVDVLDV	856	>CDH1-D479 TVTVDVLGV	76	780
>CDH1-D479 TVTVDVLDV	2014	>CDH1-D479 TVTVDVLGV	140	1874
>CDH1-D479 ATVTVDVLD\	494	>CDH1-D479 ATVTVDVLG\	149	345
>CDH1-D479 ATVTVDVLD\	397	>CDH1-D479 ATVTVDVLG\	93	304
>CDH1-D479 ATVTVDVLD\	1717	>CDH1-D479 ATVTVDVLG\	188	1529
>CDH1-D479 ATVTVDVLD\	1024	>CDH1-D479 ATVTVDVLG\	272	752
>CDH1-D479 ATVTVDVLD\	1356	>CDH1-D479 ATVTVDVLG\	476	880



>CDH1-D479 ATVTVDVLD\	1051	>CDH1-D479 ATVTVDVLD\	349	702
>CDH1-D479 ATVTVDVLD\	2558	>CDH1-D479 ATVTVDVLD\	496	2062
>CDH1-D479 TATVTVDVLC	1488	>CDH1-D479 TATVTVDVLC	255	1233
>CDH1-D479 TATVTVDVLC	3469	>CDH1-D479 TATVTVDVLC	431	3038
>CDH1-E463(EVSLTTSTAT\	672	>CDH1-E463(QVSLTTSTAT'	89	583
>CDH1-E463(EVSLTTSTAT\	2049	>CDH1-E463(QVSLTTSTAT'	275	1774
>CDH1-E463(EVSLTTSTAT\	109	>CDH1-E463(QVSLTTSTAT'	217	108
>CDH1-E463(EVSLTTSTAT\	258	>CDH1-E463(QVSLTTSTAT'	101	157
>CDH1-E463(EVSLTTSTA	78	>CDH1-E463(QVSLTTSTA	730	652
>CDH1-E463(EVSLTTSTAT\	8	>CDH1-E463(QVSLTTSTAT'	23	15
>CDH1-E463(EVSLTTSTAT\	11	>CDH1-E463(QVSLTTSTAT'	92	81
>CDH1-E463(FEVSLTTST	5215	>CDH1-E463(FQVSLTTST	75	5140
>CDH1-E463(FEVSLTTSTA	2731	>CDH1-E463(FQVSLTTSTA	55	2676
>CDH1-E463(FEVSLTTSTAT	7845	>CDH1-E463(FQVSLTTSTA'	180	7665
>CDH1-E463(FEVSLTTST	8004	>CDH1-E463(FQVSLTTST	54	7950
>CDH1-E463(FEVSLTTSTA	1717	>CDH1-E463(FQVSLTTSTA	27	1690
>CDH1-E463(FEVSLTTSTAT	10178	>CDH1-E463(FQVSLTTSTA'	100	10078
>CDH1-E463(FEVSLTTS	5445	>CDH1-E463(FQVSLTTS	31	5414
>CDH1-E463(FEVSLTTST	2625	>CDH1-E463(FQVSLTTST	9	2616
>CDH1-E463(FEVSLTTSTA	1111	>CDH1-E463(FQVSLTTSTA	38	1073
>CDH1-E463(FEVSLTTSTAT	2531	>CDH1-E463(FQVSLTTSTA'	9	2522
>CDH1-E463(FEVSLTTSTA	6793	>CDH1-E463(FQVSLTTSTA	206	6587
>CDH1-E463(FEVSLTTS	9913	>CDH1-E463(FQVSLTTS	365	9548
>CDH1-E463(FEVSLTTST	5438	>CDH1-E463(FQVSLTTST	169	5269
>CDH1-E463(FEVSLTTSTA	1618	>CDH1-E463(FQVSLTTSTA	35	1583
>CDH1-E463(FEVSLTTSTAT	3220	>CDH1-E463(FQVSLTTSTA'	86	3134
>CDH1-E463(FEVSLTTSTAT	4875	>CDH1-E463(FQVSLTTSTA'	447	4428
>CDH1-E463(FEVSLTTST	91	>CDH1-E463(FQVSLTTST	5977	5886
>CDH1-E463(FEVSLTTSTA	178	>CDH1-E463(FQVSLTTSTA	24005	23827
>CDH1-E463(FEVSLTTSTAT	145	>CDH1-E463(FQVSLTTSTA'	7771	7626
>CDH1-E463(FEVSLTTST	39	>CDH1-E463(FQVSLTTST	9933	9894
>CDH1-E463(FEVSLTTSTA	109	>CDH1-E463(FQVSLTTSTA	18540	18431
>CDH1-E463(FEVSLTTSTAT	107	>CDH1-E463(FQVSLTTSTA'	14410	14303
>CDH1-E463(HVAVTNVVPI	762	>CDH1-E463(HVAVTNVVPI	141	621
>CDH1-E463(VPFVSLTT	59	>CDH1-E463(VPFQVSLTT	58	1
>CDH1-E463(VPFVSLTTST	105	>CDH1-E463(VPFQVSLTTS'	106	1
>CDH1-E463(VPFVSLTTS	751	>CDH1-E463(VPFQVSLTTS	261	490
>CDH1-E463(VVPFEVSL	1068	>CDH1-E463(VVPFQVSL	440	628
>CDH1-E463(VVPFEVSL	249	>CDH1-E463(VVPFQVSL	48	201
>CDH1-E463(NVVPFEVSL	335	>CDH1-E463(NVVPFQVSL	104	231
>CDH1-E463(NVVPFEVSL	216	>CDH1-E463(NVVPFQVSL	106	110
>CDH1-E463(NVVPFEVSL	48	>CDH1-E463(NVVPFQVSL	21	27
>CDH1-E463(NVVPFEVSL	685	>CDH1-E463(NVVPFQVSL	107	578

>CDH1-E463(TNVVPFEV	66	>CDH1-E463(TNVVPFQV	184	118
>CDH1-E463(VTNVVPFEV	260	>CDH1-E463(VTNVVPFQV	917	657
>CDH1-E463(VTNVVPFEV	460	>CDH1-E463(VTNVVPFQV	854	394
>CDH1-E463(VTNVVPFEV	465	>CDH1-E463(VTNVVPFQV	572	107
>CDH1-E463(VTNVVPFEV	300	>CDH1-E463(VTNVVPFQV	661	361
>CDH1-E463(VTNVVPFEV	9	>CDH1-E463(VTNVVPFQV	10	1
>CDH1-E463(VTNVVPFEVS	608	>CDH1-E463(VTNVVPFQV:	484	124
>CDH1-E463(VTNVVPFEV	30	>CDH1-E463(VTNVVPFQV	39	9
>CDH1-E463(VTNVVPFEV	298	>CDH1-E463(VTNVVPFQV	145	153
>CDH1-E463(VTNVVPFEV	278	>CDH1-E463(VTNVVPFQV	244	34
>CDH1-E463(VTNVVPFEVS	163	>CDH1-E463(VTNVVPFQV:	112	51
>CDH1-E463(VTNVVPFEV	28	>CDH1-E463(VTNVVPFQV	55	27
>CDH1-E463(VTNVVPFEVS	595	>CDH1-E463(VTNVVPFQV:	329	266
>CDH1-E463(VTNVVPFEV	141	>CDH1-E463(VTNVVPFQV	85	56
>CDH1-E463(VTNVVPFEVS	59	>CDH1-E463(VTNVVPFQV:	49	10
>CDH1-E463(VTNVVPFEV	727	>CDH1-E463(VTNVVPFQV	209	518
>CDH1-E463(VTNVVPFEVS	232	>CDH1-E463(VTNVVPFQV:	75	157
>CDH1-E463(VTNVVPFEVS	530	>CDH1-E463(VTNVVPFQV:	258	272
>CDH1-E463(AVTNVVPFEV	320	>CDH1-E463(AVTNVVPFQ)	824	504
>CDH1-E463(AVTNVVPFEV	211	>CDH1-E463(AVTNVVPFQ)	355	144
>CDH1-E463(AVTNVVPFEV	193	>CDH1-E463(AVTNVVPFQ)	425	232
>CDH1-E463(AVTNVVPFEV	172	>CDH1-E463(AVTNVVPFQ)	287	115
>CDH1-E463(AVTNVVPFEV	7	>CDH1-E463(AVTNVVPFQ)	7	0
>CDH1-E463(AVTNVVPFEV	126	>CDH1-E463(AVTNVVPFQ)	311	185
>CDH1-E463(AVTNVVPFEV	9	>CDH1-E463(AVTNVVPFQ)	10	1
>CDH1-E463(AVTNVVPFEV	81	>CDH1-E463(AVTNVVPFQ)	38	43
>CDH1-E463(AVTNVVPFEV	5	>CDH1-E463(AVTNVVPFQ)	5	0
>CDH1-E463(AVTNVVPFEV	303	>CDH1-E463(AVTNVVPFQ)	200	103
>CDH1-E463(VAVTNVVPFE	95	>CDH1-E463(VAVTNVVPFC	175	80
>CDH1-E463(VAVTNVVPFE	70	>CDH1-E463(VAVTNVVPFC	160	90
>CDH1-E463(VAVTNVVPFE	56	>CDH1-E463(VAVTNVVPFC	62	6
>CDH1-E463(VAVTNVVPFE	113	>CDH1-E463(VAVTNVVPFC	104	9
>CDH1-E463(VAVTNVVPFE	98	>CDH1-E463(VAVTNVVPFC	213	115
>CDH1-E463(VAVTNVVPFE	617	>CDH1-E463(VAVTNVVPFC	460	157
>CDH1-G571 GSPVATGTG	30	>CDH1-G571 SSPVATGTGT	9	21
>CDH1-G571 GSPVATGTG	437	>CDH1-G571 SSPVATGTGT	93	344
>CDH1-G571 YTALIIATDNC	379	>CDH1-G571 YTALIIATDNS	59	320
>CDH1-G571 ATDNGSPV	74	>CDH1-G571 ATDNSSPV	73	1
>CDH1-G571 ATDNGSPV	32	>CDH1-G571 ATDNSSPV	41	9
>CDH1-G571 ATDNGSPV	185	>CDH1-G571 ATDNSSPV	130	55
>CDH1-G571 ATDNGSPV	80	>CDH1-G571 ATDNSSPV	87	7
>CDH1-G571 ATDNGSPV	161	>CDH1-G571 ATDNSSPV	205	44
>CDH1-G571 ATDNGSPV	71	>CDH1-G571 ATDNSSPV	46	25

>CDH1-G571 ATDNGSPV	465	>CDH1-G571 ATDNSSPV	187	278
>CDH1-G571 IATDNGSPV	263	>CDH1-G571 IATDNSSPV	109	154
>CDH1-G571 IATDNGSPV	329	>CDH1-G571 IATDNSSPV	116	213
>CDH1-G571 IATDNGSPV	241	>CDH1-G571 IATDNSSPV	221	20
>CDH1-G571 IATDNGSPV	19	>CDH1-G571 IATDNSSPV	14	5
>CDH1-G571 IATDNGSPV	313	>CDH1-G571 IATDNSSPV	44	269
>CDH1-G571 IATDNGSPV	1507	>CDH1-G571 IATDNSSPV	367	1140
>CDH1-G571 IATDNGSPV	898	>CDH1-G571 IATDNSSPV	439	459
>CDH1-G571 IIATDNGSPV	69	>CDH1-G571 IIATDNSSPV	44	25
>CDH1-G571 IIATDNGSPV	79	>CDH1-G571 IIATDNSSPV	39	40
>CDH1-G571 IIATDNGSPV/	639	>CDH1-G571 IIATDNSSPV/	434	205
>CDH1-G571 IIATDNGSPV	162	>CDH1-G571 IIATDNSSPV	167	5
>CDH1-G571 IIATDNGSPV	110	>CDH1-G571 IIATDNSSPV	78	32
>CDH1-G571 IIATDNGSPV	373	>CDH1-G571 IIATDNSSPV	141	232
>CDH1-G571 IIATDNGSPV	411	>CDH1-G571 IIATDNSSPV	211	200
>CDH1-G571 IIATDNGSPV	345	>CDH1-G571 IIATDNSSPV	57	288
>CDH1-G571 IIATDNGSPV	16	>CDH1-G571 IIATDNSSPV	8	8
>CDH1-G571 IIATDNGSPV	159	>CDH1-G571 IIATDNSSPV	182	23
>CDH1-G571 IIATDNGSPV	872	>CDH1-G571 IIATDNSSPV	399	473
>CDH1-G571 LIIATDNGSPV	250	>CDH1-G571 LIIATDNSSPV	105	145
>CDH1-G571 LIIATDNGSPV	77	>CDH1-G571 LIIATDNSSPV	35	42
>CDH1-G571 LIIATDNGSPV	9	>CDH1-G571 LIIATDNSSPV	7	2
>CDH1-G571 LIIATDNGSPV	17	>CDH1-G571 LIIATDNSSPV	13	4
>CDH1-G571 LIIATDNGSPV	29	>CDH1-G571 LIIATDNSSPV	30	1
>CDH1-G571 LIIATDNGSPV	29	>CDH1-G571 LIIATDNSSPV	22	7
>CDH1-G571 LIIATDNGSPV	179	>CDH1-G571 LIIATDNSSPV	151	28
>CDH1-G571 LIIATDNGSPV	8	>CDH1-G571 LIIATDNSSPV	7	1
>CDH1-G571 LIIATDNGSPV	70	>CDH1-G571 LIIATDNSSPV	39	31
>CDH1-G571 LIIATDNGSPV	381	>CDH1-G571 LIIATDNSSPV	208	173
>CDH1-G571 LIIATDNGSPV	331	>CDH1-G571 LIIATDNSSPV	222	109
>CDH1-G62D GRQRTAYF	154	>CDH1-G62D DRQRTAYF	773	619
>CDH1-G62D GRQRTAYF	165	>CDH1-G62D DRQRTAYF	1662	1497
>CDH1-G62D GRQRTAYFSL	78	>CDH1-G62D DRQRTAYFSL	1087	1009
>CDH1-G62D GRQRTAYFSL	455	>CDH1-G62D DRQRTAYFSL	843	388
>CDH1-G62D GRQRTAYFSL	80	>CDH1-G62D DRQRTAYFSL	402	322
>CDH1-G62D GRQRTAYFSL	79	>CDH1-G62D DRQRTAYFSL	426	347
>CDH1-G62D GRQRTAYFSL	423	>CDH1-G62D DRQRTAYFSL	6900	6477
>CDH1-G62D TGRQRTAYFS	279	>CDH1-G62D TDRQRTAYFS	677	398
>CDH1-G62D TGRQRTAY	342	>CDH1-G62D TDRQRTAY	3176	2834
>CDH1-G62D TGRQRTAYF	114	>CDH1-G62D TDRQRTAYF	9342	9228
>CDH1-G62D CTGRQRTAY	171	>CDH1-G62D CTDRQRTAY	7	164
>CDH1-G62D CTGRQRTAYF	2119	>CDH1-G62D CTDRQRTAYF	368	1751
>CDH1-G62D CTGRQRTAYF	271	>CDH1-G62D CTDRQRTAYF	2000	1729

>CDH1-G62DCTGRQRTAY	460	>CDH1-G62DCTDRQRTAY	6858	6398
>CDH1-G62DCTGRQRTAYF	371	>CDH1-G62DCTDRQRTAYF	7350	6979
>CDH1-G62DCTGRQRTAY	429	>CDH1-G62DCTDRQRTAY	596	167
>CDH1-G62DCTGRQRTAYF	219	>CDH1-G62DCTDRQRTAYF	115	104
>CDH1-G62DCTGRQRTAYF	466	>CDH1-G62DCTDRQRTAYF	340	126
>CDH1-G62DCTGRQRTAYF	49	>CDH1-G62DCTDRQRTAYF	65	16
>CDH1-G62DCTGRQRTAY	659	>CDH1-G62DCTDRQRTAY	158	501
>CDH1-G62DFEDCTGRQR1	234	>CDH1-G62DFEDCTDRQR1	541	307
>CDH1-G62DNFEDCTGRQI	480	>CDH1-G62DNFEDCTDRQI	1154	674
>CDH1-G62DNFEDCTGR	186	>CDH1-G62DNFEDCTDR	302	116
>CDH1-G62DNFEDCTGRQI	337	>CDH1-G62DNFEDCTDRQI	573	236
>CDH1-G62DNFEDCTGR	451	>CDH1-G62DNFEDCTDR	789	338
>CDH1-G62DNFEDCTGR	74	>CDH1-G62DNFEDCTDR	153	79
>CDH1-G62DNFEDCTGRQI	176	>CDH1-G62DNFEDCTDRQI	120	56
>CDH1-G62DRVNFEDCTGF	156	>CDH1-G62DRVNFEDCTDF	351	195
>CDH1-G62DRVNFEDCTGF	199	>CDH1-G62DRVNFEDCTDF	400	201
>CDH1-G62DRVNFEDCTGF	344	>CDH1-G62DRVNFEDCTDF	775	431
>CDH1-H121HHRPPPHQ	421	>CDH1-H121RHRPPPHQ	4022	3601
>CDH1-H121HHRPPPHQ	313	>CDH1-H121RHRPPPHQ	2706	2393
>CDH1-H121HHRPPPHQ	362	>CDH1-H121RHRPPPHQ	2918	2556
>CDH1-H121GHRPPPH	12713	>CDH1-H121GRHRPPPH	172	12541
>CDH1-H121STKVTLNTVG	969	>CDH1-H121STKVTLNTVG	86	883
>CDH1-H121STKVTLNTVG	4253	>CDH1-H121STKVTLNTVG	17	4236
>CDH1-H121STKVTLNTVG	8058	>CDH1-H121STKVTLNTVG	21	8037
>CDH1-H121NTVGHHR	38	>CDH1-H121NTVGRHR	39	1
>CDH1-H121NTVGHHR	58	>CDH1-H121NTVGRHR	27	31
>CDH1-H121NTVGHHR	6	>CDH1-H121NTVGRHR	7	1
>CDH1-H121NTVGHHR	377	>CDH1-H121NTVGRHR	899	522
>CDH1-H121NTVGHHR	137	>CDH1-H121NTVGRHR	173	36
>CDH1-H121LNTVGHHR	179	>CDH1-H121LNTVGRHR	214	35
>CDH1-H121LNTVGHHR	461	>CDH1-H121LNTVGRHR	546	85
>CDH1-H121TLNTVGHHR	64	>CDH1-H121TLNTVGRHR	37	27
>CDH1-H121TLNTVGHHR	179	>CDH1-H121TLNTVGRHR	334	155
>CDH1-H121TLNTVGHHR	261	>CDH1-H121TLNTVGRHR	578	317
>CDH1-H121VTLNTVGH	3645	>CDH1-H121VTLNTVGR	218	3427
>CDH1-H121VTLNTVGHHR	406	>CDH1-H121VTLNTVGRHR	406	0
>CDH1-H121VTLNTVGH	9411	>CDH1-H121VTLNTVGR	73	9338
>CDH1-H121VTLNTVGHHR	15	>CDH1-H121VTLNTVGRHR	18	3
>CDH1-H121VTLNTVGHHR	125	>CDH1-H121VTLNTVGRHR	142	17
>CDH1-H121VTLNTVGH	15850	>CDH1-H121VTLNTVGR	110	15740
>CDH1-H121VTLNTVGHHR	144	>CDH1-H121VTLNTVGRHR	152	8
>CDH1-H121VTLNTVGH	449	>CDH1-H121VTLNTVGR	6460	6011
>CDH1-H121VTLNTVGH	879	>CDH1-H121VTLNTVGRH	354	525

>CDH1-H121 VTLNTVGHH	326	>CDH1-H121 VTLNTVGRH	49	277
>CDH1-H121 VTLNTVGHHI	265	>CDH1-H121 VTLNTVGRHI	418	153
>CDH1-H121 KVTLNTVGH	7449	>CDH1-H121 KVTLNTVGR	61	7388
>CDH1-H121 KVTLNTVGH	17776	>CDH1-H121 KVTLNTVGR	140	17636
>CDH1-H121 KVTLNTVGH	11449	>CDH1-H121 KVTLNTVGR	33	11416
>CDH1-H121 TKVTLNTVGH	28136	>CDH1-H121 TKVTLNTVGR	243	27893
>CDH1-H123 HRPPPHQAS	5481	>CDH1-H123 YRPPPHQAS	312	5169
>CDH1-H123 HHRPPPHQ	2684	>CDH1-H123 HYRPPPHQ	17	2667
>CDH1-H123 HHRPPPHQA	1078	>CDH1-H123 HYRPPPHQA	9	1069
>CDH1-H123 HHRPPPHQA	3207	>CDH1-H123 HYRPPPHQA	20	3187
>CDH1-H123 HHRPPPHQA	417	>CDH1-H123 HYRPPPHQA	6	411
>CDH1-H123 HHRPPPHQA	238	>CDH1-H123 HYRPPPHQA	6436	6198
>CDH1-H123 KVTLNTVGH	15125	>CDH1-H123 KVTLNTVGH	341	14784
>CDH1-H123 KVTLNTVGH	9348	>CDH1-H123 KVTLNTVGH	79	9269
>CDH1-H123 KVTLNTVGH	4672	>CDH1-H123 KVTLNTVGH	37	4635
>CDH1-H123 KVTLNTVGH	7096	>CDH1-H123 KVTLNTVGH	19	7077
>CDH1-H123 KVTLNTVGH	15692	>CDH1-H123 KVTLNTVGH	248	15444
>CDH1-H123 KVTLNTVGH	7234	>CDH1-H123 KVTLNTVGH	187	7047
>CDH1-H123 HHRPPPH	547	>CDH1-H123 HHYRPPPH	279	268
>CDH1-H123 HHRPPPHQ	421	>CDH1-H123 HHYRPPPHQ	237	184
>CDH1-H123 HHRPPPHQ	313	>CDH1-H123 HHYRPPPHQ	167	146
>CDH1-H123 HHRPPPHQ	362	>CDH1-H123 HHYRPPPHQ	177	185
>CDH1-H123 NTVGHHHR	38	>CDH1-H123 NTVGHHYR	16	22
>CDH1-H123 NTVGHHHR	58	>CDH1-H123 NTVGHHYR	37	21
>CDH1-H123 NTVGHHHR	6	>CDH1-H123 NTVGHHYR	3	3
>CDH1-H123 NTVGHHHR	377	>CDH1-H123 NTVGHHYR	344	33
>CDH1-H123 NTVGHHHR	137	>CDH1-H123 NTVGHHYR	43	94
>CDH1-H123 LNTVGHHH	13072	>CDH1-H123 LNTVGHHY	199	12873
>CDH1-H123 LNTVGHHH	17297	>CDH1-H123 LNTVGHHY	208	17089
>CDH1-H123 LNTVGHHHR	179	>CDH1-H123 LNTVGHHYR	48	131
>CDH1-H123 LNTVGHHHR	461	>CDH1-H123 LNTVGHHYR	125	336
>CDH1-H123 TLNTVGHHH	1727	>CDH1-H123 TLNTVGHHY	355	1372
>CDH1-H123 TLNTVGHHHI	1177	>CDH1-H123 TLNTVGHHYI	366	811
>CDH1-H123 TLNTVGHHH	6552	>CDH1-H123 TLNTVGHHY	44	6508
>CDH1-H123 TLNTVGHHH	3168	>CDH1-H123 TLNTVGHHY	19	3149
>CDH1-H123 TLNTVGHHHI	64	>CDH1-H123 TLNTVGHHYI	23	41
>CDH1-H123 TLNTVGHHHI	896	>CDH1-H123 TLNTVGHHYI	116	780
>CDH1-H123 TLNTVGHHHI	1197	>CDH1-H123 TLNTVGHHYI	144	1053
>CDH1-H123 TLNTVGHHH	5867	>CDH1-H123 TLNTVGHHY	18	5849
>CDH1-H123 TLNTVGHHH	7660	>CDH1-H123 TLNTVGHHY	100	7560
>CDH1-H123 TLNTVGHHH	9860	>CDH1-H123 TLNTVGHHY	182	9678
>CDH1-H123 TLNTVGHHH	17856	>CDH1-H123 TLNTVGHHY	253	17603
>CDH1-H123 TLNTVGHHHI	179	>CDH1-H123 TLNTVGHHYI	131	48

>CDH1-H123 TLNTVGHHHI	261	>CDH1-H123 TLNTVGHHYF	95	166
>CDH1-H123 VTLNTVGHHI	11332	>CDH1-H123 VTLNTVGHH`	126	11206
>CDH1-H123 VTLNTVGHHI	9621	>CDH1-H123 VTLNTVGHH`	442	9179
>CDH1-H123 VTLNTVGHHI	8035	>CDH1-H123 VTLNTVGHH`	159	7876
>CDH1-H123 VTLNTVGHHI	406	>CDH1-H123 VTLNTVGHH`	57	349
>CDH1-H123 VTLNTVGHHI	4596	>CDH1-H123 VTLNTVGHH`	72	4524
>CDH1-H123 VTLNTVGHHI	13098	>CDH1-H123 VTLNTVGHH`	428	12670
>CDH1-H123 VTLNTVGHHI	18890	>CDH1-H123 VTLNTVGHH`	287	18603
>CDH1-H123 VTLNTVGHHI	9731	>CDH1-H123 VTLNTVGHH`	36	9695
>CDH1-H123 VTLNTVGHHI	15	>CDH1-H123 VTLNTVGHH`	9	6
>CDH1-H123 VTLNTVGHHI	125	>CDH1-H123 VTLNTVGHH`	90	35
>CDH1-H123 VTLNTVGHHI	144	>CDH1-H123 VTLNTVGHH`	40	104
>CDH1-H123 VTLNTVGHHI	7546	>CDH1-H123 VTLNTVGHH`	14	7532
>CDH1-H123 VTLNTVGHHI	9562	>CDH1-H123 VTLNTVGHH`	193	9369
>CDH1-H123 VTLNTVGHHI	8977	>CDH1-H123 VTLNTVGHH`	268	8709
>CDH1-H123 VTLNTVGHHI	1291	>CDH1-H123 VTLNTVGHH`	7	1284
>CDH1-H123 VTLNTVGHHI	5821	>CDH1-H123 VTLNTVGHH`	87	5734
>CDH1-H123 VTLNTVGHHI	265	>CDH1-H123 VTLNTVGHH`	226	39
>CDH1-H123 VTLNTVGHHI	545	>CDH1-H123 VTLNTVGHH`	205	340
>CDH1-H233 HAVSSNGNA	324	>CDH1-H233 QAVSSNGNA	360	36
>CDH1-H233 HAVSSNGNA`	113	>CDH1-H233 QAVSSNGNA	179	66
>CDH1-H233 HAVSSNGNA	401	>CDH1-H233 QAVSSNGNA	473	72
>CDH1-H233 SHAUSSNGN,	4957	>CDH1-H233 SQAVSSNGN,	101	4856
>CDH1-H233 SHAUSSNGN,	13901	>CDH1-H233 SQAVSSNGN,	68	13833
>CDH1-H233 SHAUSSNGN,	12172	>CDH1-H233 SQAVSSNGN,	14	12158
>CDH1-H233 SHAUSSNGN,	15282	>CDH1-H233 SQAVSSNGN,	249	15033
>CDH1-H233 SHAUSSNGN,	20258	>CDH1-H233 SQAVSSNGN,	249	20009
>CDH1-H233 SHAUSSNGN,	411	>CDH1-H233 SQAVSSNGN,	25	386
>CDH1-H233 SHAUSSNGN,	390	>CDH1-H233 SQAVSSNGN,	8930	8540
>CDH1-H233 SHAUSSNGN,	116	>CDH1-H233 SQAVSSNGN,	236	120
>CDH1-H233 FSHAVSSNGN`	147	>CDH1-H233 FSQAVSSNGN`	825	678
>CDH1-H233 TLFHAVSS	485	>CDH1-H233 TLFSQAVSS	2312	1827
>CDH1-H233 YTLFSHAV	40	>CDH1-H233 YTLFSQAV	50	10
>CDH1-H233 YTLFSHAV	91	>CDH1-H233 YTLFSQAV	146	55
>CDH1-H233 YTLFSHAV	50	>CDH1-H233 YTLFSQAV	73	23
>CDH1-H233 YTLFSHAV	10	>CDH1-H233 YTLFSQAV	13	3
>CDH1-H233 YTLFSHAV	4	>CDH1-H233 YTLFSQAV	5	1
>CDH1-H233 YTLFSHAV	11	>CDH1-H233 YTLFSQAV	12	1
>CDH1-H233 YTLFSHAV	22	>CDH1-H233 YTLFSQAV	23	1
>CDH1-H233 YTLFSHAV	26	>CDH1-H233 YTLFSQAV	28	2
>CDH1-H233 YTLFSHAV	10	>CDH1-H233 YTLFSQAV	16	6
>CDH1-H233 YTLFSHAV	16	>CDH1-H233 YTLFSQAV	32	16
>CDH1-H233 YTLFSHAV	4	>CDH1-H233 YTLFSQAV	6	2

>CDH1-H233 YTLFSHAV	378	>CDH1-H233 YTLFSQAV	263	115
>CDH1-H233 YTLFSHAV	31	>CDH1-H233 YTLFSQAV	40	9
>CDH1-H233 YTLFSHAVS	199	>CDH1-H233 YTLFSQAVS	575	376
>CDH1-H233 YTLFSHAVSS	329	>CDH1-H233 YTLFSQAVSS	538	209
>CDH1-H233 YTLFSHAVSSI	338	>CDH1-H233 YTLFSQAVSSI	593	255
>CDH1-H233 YTLFSHAV	92	>CDH1-H233 YTLFSQAV	1491	1399
>CDH1-H233 YTLFSHAVS	139	>CDH1-H233 YTLFSQAVS	389	250
>CDH1-H233 YTLFSHAVSSI	74	>CDH1-H233 YTLFSQAVSSI	111	37
>CDH1-H233 TYTLFSHAV	480	>CDH1-H233 TYTLFSQAV	837	357
>CDH1-H233 TYTLFSHAV	482	>CDH1-H233 TYTLFSQAV	2095	1613
>CDH1-H233 TYTLFSHAV	406	>CDH1-H233 TYTLFSQAV	1074	668
>CDH1-H233 ATYTLFSHA	190	>CDH1-H233 ATYTLFSQA	450	260
>CDH1-H233 ATYTLFSHAV	107	>CDH1-H233 ATYTLFSQAV	223	116
>CDH1-H233 ATYTLFSHA	120	>CDH1-H233 ATYTLFSQA	97	23
>CDH1-H233 ATYTLFSHAV	34	>CDH1-H233 ATYTLFSQAV	54	20
>CDH1-H233 ATYTLFSHA	79	>CDH1-H233 ATYTLFSQA	283	204
>CDH1-H233 ATYTLFSHAV	50	>CDH1-H233 ATYTLFSQAV	87	37
>CDH1-H233 ATYTLFSHAV	11	>CDH1-H233 ATYTLFSQAV	14	3
>CDH1-H233 ATYTLFSHAV	88	>CDH1-H233 ATYTLFSQAV	372	284
>CDH1-H233 ATYTLFSHAV	50	>CDH1-H233 ATYTLFSQAV	104	54
>CDH1-H233 ATYTLFSHAV	20	>CDH1-H233 ATYTLFSQAV	39	19
>CDH1-H233 ATYTLFSH	319	>CDH1-H233 ATYTLFSQ	10372	10053
>CDH1-H233 ATYTLFSH	44	>CDH1-H233 ATYTLFSQ	2368	2324
>CDH1-H233 ATYTLFSHA	327	>CDH1-H233 ATYTLFSQA	846	519
>CDH1-H233 ATYTLFSHAV	403	>CDH1-H233 ATYTLFSQAV	427	24
>CDH1-H233 ATYTLFSHAV	160	>CDH1-H233 ATYTLFSQAV	191	31
>CDH1-H233 ATYTLFSHA	190	>CDH1-H233 ATYTLFSQA	429	239
>CDH1-H233 ATYTLFSHAV	21	>CDH1-H233 ATYTLFSQAV	28	7
>CDH1-H233 ATYTLFSHAV	15	>CDH1-H233 ATYTLFSQAV	32	17
>CDH1-H233 ATYTLFSHAV	198	>CDH1-H233 ATYTLFSQAV	117	81
>CDH1-H233 ATYTLFSH	223	>CDH1-H233 ATYTLFSQ	1341	1118
>CDH1-H233 ATYTLFSHAV	211	>CDH1-H233 ATYTLFSQAV	150	61
>CDH1-H233 ATYTLFSHAV	151	>CDH1-H233 ATYTLFSQAV	431	280
>CDH1-H233 ATYTLFSHA	149	>CDH1-H233 ATYTLFSQA	30	119
>CDH1-H233 ATYTLFSHAV	1415	>CDH1-H233 ATYTLFSQAV	419	996
>CDH1-H233 ATYTLFSHAV	298	>CDH1-H233 ATYTLFSQAV	365	67
>CDH1-H233 ATYTLFSH	140	>CDH1-H233 ATYTLFSQ	253	113
>CDH1-H233 ATYTLFSHA	444	>CDH1-H233 ATYTLFSQA	468	24
>CDH1-H233 ATYTLFSHAV	306	>CDH1-H233 ATYTLFSQAV	1252	946
>CDH1-H233 IATYTLFSHAV	367	>CDH1-H233 IATYTLFSQAV	770	403
>CDH1-H233 IATYTLFSHAV	40	>CDH1-H233 IATYTLFSQAV	86	46
>CDH1-H233 IATYTLFSHAV	235	>CDH1-H233 IATYTLFSQAV	648	413
>CDH1-H233 IATYTLFSHAV	131	>CDH1-H233 IATYTLFSQAV	386	255

>CDH1-H233 IATYTLFSHAV	309	>CDH1-H233 IATYTLFSQAV	1179	870
>CDH1-H233 IATYTLFSHAV	849	>CDH1-H233 IATYTLFSQAV	469	380
>CDH1-H233 IATYTLFSHAV	437	>CDH1-H233 IATYTLFSQAV	1346	909
>CDH1-H233 RIATYTLFSHA	170	>CDH1-H233 RIATYTLFSQA	134	36
>CDH1-H233 RIATYTLFSHA	26	>CDH1-H233 RIATYTLFSQA	22	4
>CDH1-H233 RIATYTLFSHA	50	>CDH1-H233 RIATYTLFSQA	139	89
>CDH1-H233 RIATYTLFSHA	340	>CDH1-H233 RIATYTLFSQA	731	391
>CDH1-H92Y HNPQIHFLVY	610	>CDH1-H92Y YNPQIHFLVY	269	341
>CDH1-H92Y HNPQIHFLV	59	>CDH1-H92Y YNPQIHFLV	83	24
>CDH1-H92Y HNPQIHFLVY	480	>CDH1-H92Y YNPQIHFLVY,	790	310
>CDH1-H92Y HNPQIHFLVY	815	>CDH1-H92Y YNPQIHFLVY	369	446
>CDH1-H92Y HNPQIHFLVY	1671	>CDH1-H92Y YNPQIHFLVY	491	1180
>CDH1-H92Y HNPQIHFL	316	>CDH1-H92Y YNPQIHFL	82	234
>CDH1-H92Y HNPQIHFLV	201	>CDH1-H92Y YNPQIHFLV	11	190
>CDH1-H92Y FHNPQIHFL	7081	>CDH1-H92Y FYNPQIHFL	43	7038
>CDH1-H92Y FHNPQIHFL	276	>CDH1-H92Y FYNPQIHFL	1310	1034
>CDH1-H92Y FHNPQIHFL	33	>CDH1-H92Y FYNPQIHFL	7	26
>CDH1-H92Y FHNPQIHFL	898	>CDH1-H92Y FYNPQIHFL	82	816
>CDH1-H92Y FHNPQIHFL	1438	>CDH1-H92Y FYNPQIHFL	181	1257
>CDH1-H92Y FHNPQIHFLV	353	>CDH1-H92Y FYNPQIHFLV	37	316
>CDH1-H92Y FHNPQIHFL	4554	>CDH1-H92Y FYNPQIHFL	357	4197
>CDH1-H92Y FHNPQIHFLV	719	>CDH1-H92Y FYNPQIHFLV	58	661
>CDH1-H92Y FHNPQIHFL	726	>CDH1-H92Y FYNPQIHFL	18	708
>CDH1-H92Y FHNPQIHFLV	105	>CDH1-H92Y FYNPQIHFLV	7	98
>CDH1-H92Y FHNPQIHFL	2899	>CDH1-H92Y FYNPQIHFL	95	2804
>CDH1-H92Y FHNPQIHFL	12036	>CDH1-H92Y FYNPQIHFL	213	11823
>CDH1-H92Y FHNPQIHFL	576	>CDH1-H92Y FYNPQIHFL	6	570
>CDH1-H92Y FHNPQIHFL	1915	>CDH1-H92Y FYNPQIHFL	6	1909
>CDH1-H92Y FHNPQIHFLV	16251	>CDH1-H92Y FYNPQIHFLV	57	16194
>CDH1-H92Y FHNPQIHFLV	15807	>CDH1-H92Y FYNPQIHFLV'	72	15735
>CDH1-H92Y FHNPQIHFL	4139	>CDH1-H92Y FYNPQIHFL	446	3693
>CDH1-H92Y FHNPQIHFLV	36	>CDH1-H92Y FYNPQIHFLV'	10	26
>CDH1-H92Y FHNPQIHFLV	581	>CDH1-H92Y FYNPQIHFLV'	174	407
>CDH1-H92Y FHNPQIHFLV	286	>CDH1-H92Y FYNPQIHFLV'	36	250
>CDH1-H92Y FHNPQIHFL	20	>CDH1-H92Y FYNPQIHFL	242	222
>CDH1-H92Y FHNPQIHFLV	38	>CDH1-H92Y FYNPQIHFLV'	530	492
>CDH1-H92Y FHNPQIHFL	330	>CDH1-H92Y FYNPQIHFL	6655	6325
>CDH1-H92Y FHNPQIHFL	30	>CDH1-H92Y FYNPQIHFL	2369	2339
>CDH1-H92Y FHNPQIHFLV	231	>CDH1-H92Y FYNPQIHFLV	11807	11576
>CDH1-H92Y FHNPQIHFLV	3278	>CDH1-H92Y FYNPQIHFLV'	178	3100
>CDH1-H92Y FHNPQIHFLV	5007	>CDH1-H92Y FYNPQIHFLV	143	4864
>CDH1-H92Y FHNPQIHFL	6860	>CDH1-H92Y FYNPQIHFL	173	6687
>CDH1-H92Y VITVKRPLRFI	15540	>CDH1-H92Y VITVKRPLRFY	392	15148



>CDH1-H92Y VITVKRPLRFI	9458	>CDH1-H92Y VITVKRPLRFY	73	9385
>CDH1-H92Y VITVKRPLRFI	18219	>CDH1-H92Y VITVKRPLRFY	359	17860
>CDH1-H92Y RFHNPQIHFL	1820	>CDH1-H92Y RFYNPQIHFL	189	1631
>CDH1-H92Y RFHNPQIHFL	470	>CDH1-H92Y RFYNPQIHFL'	42	428
>CDH1-H92Y RFHNPQIHFL	3287	>CDH1-H92Y RFYNPQIHFL'	153	3134
>CDH1-H92Y RFHNPQIHFL	1219	>CDH1-H92Y RFYNPQIHFL'	231	988
>CDH1-H92Y RFHNPQIHF	624	>CDH1-H92Y RFYNPQIHF	64	560
>CDH1-H92Y RFHNPQIHFL	1453	>CDH1-H92Y RFYNPQIHFL	265	1188
>CDH1-H92Y RFHNPQIHF	7	>CDH1-H92Y RFYNPQIHF	8	1
>CDH1-H92Y RFHNPQIHFL	14	>CDH1-H92Y RFYNPQIHFL	15	1
>CDH1-H92Y RFHNPQIHF	313	>CDH1-H92Y RFYNPQIHF	3880	3567
>CDH1-H92Y RFHNPQIHFL	15	>CDH1-H92Y RFYNPQIHFL	147	132
>CDH1-H92Y RFHNPQIHFL	18	>CDH1-H92Y RFYNPQIHFL'	228	210
>CDH1-H92Y RFHNPQIHFL	295	>CDH1-H92Y RFYNPQIHFL'	138	157
>CDH1-H92Y RFHNPQIHF	3003	>CDH1-H92Y RFYNPQIHF	387	2616
>CDH1-H92Y RFHNPQIHF	886	>CDH1-H92Y RFYNPQIHF	349	537
>CDH1-H92Y RFHNPQIHF	162	>CDH1-H92Y RFYNPQIHF	40	122
>CDH1-H92Y RFHNPQIHF	4041	>CDH1-H92Y RFYNPQIHF	413	3628
>CDH1-H92Y RFHNPQIHFL	560	>CDH1-H92Y RFYNPQIHFL	238	322
>CDH1-H92Y RFHNPQIHFL	54	>CDH1-H92Y RFYNPQIHFL	21	33
>CDH1-H92Y RFHNPQIHFL	831	>CDH1-H92Y RFYNPQIHFL'	400	431
>CDH1-H92Y LRFHNPQI	50	>CDH1-H92Y LRFYNPQI	71	21
>CDH1-H92Y LRFHNPQIH	46	>CDH1-H92Y LRFYNPQIH	58	12
>CDH1-H92Y LRFHNPQIHF	4	>CDH1-H92Y LRFYNPQIHF	4	0
>CDH1-H92Y LRFHNPQIHF	36	>CDH1-H92Y LRFYNPQIHFI	51	15
>CDH1-H92Y LRFHNPQI	118	>CDH1-H92Y LRFYNPQI	100	18
>CDH1-H92Y LRFHNPQIHF	72	>CDH1-H92Y LRFYNPQIHF	53	19
>CDH1-H92Y LRFHNPQIHF	50	>CDH1-H92Y LRFYNPQIHFI	51	1
>CDH1-H92Y LRFHNPQIHF	225	>CDH1-H92Y LRFYNPQIHFI	289	64
>CDH1-H92Y LRFHNPQI	608	>CDH1-H92Y LRFYNPQI	454	154
>CDH1-H92Y LRFHNPQI	613	>CDH1-H92Y LRFYNPQI	488	125
>CDH1-H92Y LRFHNPQIHF	496	>CDH1-H92Y LRFYNPQIHFI	396	100
>CDH1-H92Y LRFHNPQIHF	29	>CDH1-H92Y LRFYNPQIHFI	29	0
>CDH1-H92Y LRFHNPQI	549	>CDH1-H92Y LRFYNPQI	471	78
>CDH1-H92Y PLRFHNPQI	222	>CDH1-H92Y PLRFYNPQI	249	27
>CDH1-H92Y PLRFHNPQIH	478	>CDH1-H92Y PLRFYNPQIH	316	162
>CDH1-H92Y RPLRFHNPQI	452	>CDH1-H92Y RPLRFYNPQI	321	131
>CDH1-H92Y RPLRFHNPQI	444	>CDH1-H92Y RPLRFYNPQI	450	6
>CDH1-H92Y KRPLRFHNP	353	>CDH1-H92Y KRPLRFYNPQ	412	59
>CDH1-H92Y KRPLRFHNP	242	>CDH1-H92Y KRPLRFYNPQ	214	28
>CDH1-H92Y KRPLRFHNP	66	>CDH1-H92Y KRPLRFYNPQ	77	11
>CDH1-H92Y VKRPLRFH	20344	>CDH1-H92Y VKRPLRFY	371	19973
>CDH1-H92Y VKRPLRFH	1167	>CDH1-H92Y VKRPLRFY	18	1149

>CDH1-H92Y TVKRPLRFH	12969	>CDH1-H92Y TVKRPLRFY	499	12470
>CDH1-H92Y TVKRPLRFH	287	>CDH1-H92Y TVKRPLRFY	5	282
>CDH1-H92Y TVKRPLRFH	1455	>CDH1-H92Y TVKRPLRFY	145	1310
>CDH1-H92Y TVKRPLRFH	19409	>CDH1-H92Y TVKRPLRFY	271	19138
>CDH1-H92Y TVKRPLRFH	4403	>CDH1-H92Y TVKRPLRFY	196	4207
>CDH1-H92Y ITVKRPLRFH	20910	>CDH1-H92Y ITVKRPLRFY	393	20517
>CDH1-H92Y ITVKRPLRFH	6133	>CDH1-H92Y ITVKRPLRFY	190	5943
>CDH1-H92Y ITVKRPLRFH	863	>CDH1-H92Y ITVKRPLRFY	27	836
>CDH1-H92Y ITVKRPLRFH	2616	>CDH1-H92Y ITVKRPLRFY	54	2562
>CDH1-H92Y ITVKRPLRFH	16924	>CDH1-H92Y ITVKRPLRFY	167	16757
>CDH1-H92Y ITVKRPLRFH	12875	>CDH1-H92Y ITVKRPLRFY	45	12830
>CDH1-H92Y ITVKRPLRFH	4955	>CDH1-H92Y ITVKRPLRFY	23	4932
>CDH1-H92Y ITVKRPLRFH	498	>CDH1-H92Y ITVKRPLRFY	5	493
>CDH1-H92Y ITVKRPLRFH	8393	>CDH1-H92Y ITVKRPLRFY	161	8232
>CDH1-H92Y ITVKRPLRFH	8747	>CDH1-H92Y ITVKRPLRFY	82	8665
>CDH1-I300M IAYTILSQ	1861	>CDH1-I300M MAYTILSQ	195	1666
>CDH1-I300M AIAYTILS	3522	>CDH1-I300M AMAYTILS	367	3155
>CDH1-I300M AIAYTILSQ	7074	>CDH1-I300M AMAYTILSQ	199	6875
>CDH1-I300M AIAYTILSQ	3600	>CDH1-I300M AMAYTILSQ	280	3320
>CDH1-I300M AIAYTILSQ	5103	>CDH1-I300M AMAYTILSQ	366	4737
>CDH1-I300M DDDVNTYNA	149	>CDH1-I300M DDDVNTYNA	4209	4060
>CDH1-I300M AAIAYTIL	87	>CDH1-I300M AAMAYTIL	195	108
>CDH1-I300M AAIAYTIL	477	>CDH1-I300M AAMAYTIL	95	382
>CDH1-I300M AAIAYTIL	335	>CDH1-I300M AAMAYTIL	161	174
>CDH1-I300M AAIAYTIL	252	>CDH1-I300M AAMAYTIL	147	105
>CDH1-I300M AAIAYTIL	189	>CDH1-I300M AAMAYTIL	183	6
>CDH1-I300M AAIAYTIL	518	>CDH1-I300M AAMAYTIL	176	342
>CDH1-I300M NAAIAYTI	28	>CDH1-I300M NAAMAYTI	32	4
>CDH1-I300M NAAIAYTIL	318	>CDH1-I300M NAAMAYTIL	341	23
>CDH1-I300M NAAIAYTI	167	>CDH1-I300M NAAMAYTI	339	172
>CDH1-I300M NAAIAYTI	174	>CDH1-I300M NAAMAYTI	246	72
>CDH1-I300M YNAAIAYTI	340	>CDH1-I300M YNAAMAYTI	422	82
>CDH1-I300M YNAAIAYTI	84	>CDH1-I300M YNAAMAYTI	495	411
>CDH1-I300M YNAAIAYTI	327	>CDH1-I300M YNAAMAYTI	742	415
>CDH1-I300M YNAAIAYTI	19	>CDH1-I300M YNAAMAYTI	145	126
>CDH1-I300M YNAAIAYTI	168	>CDH1-I300M YNAAMAYTI	172	4
>CDH1-I300M YNAAIAYTIL	87	>CDH1-I300M YNAAMAYTIL	79	8
>CDH1-I300M YNAAIAYTI	306	>CDH1-I300M YNAAMAYTI	551	245
>CDH1-I300M YNAAIAYTI	612	>CDH1-I300M YNAAMAYTI	334	278
>CDH1-I300M TYNAAIAYTI	4	>CDH1-I300M TYNAAMAYT	4	0
>CDH1-I300M TYNAAIAYTIL	15	>CDH1-I300M TYNAAMAYT	17	2
>CDH1-I300M TYNAAIAYTI	132	>CDH1-I300M TYNAAMAYT	95	37
>CDH1-I300M TYNAAIAYTI	112	>CDH1-I300M TYNAAMAYT	93	19

>CDH1-I300M TYNAAIAYTI	14	>CDH1-I300M TYNAAMAYT	19	5
>CDH1-I300M TYNAAIAYTIL	32	>CDH1-I300M TYNAAMAYT	41	9
>CDH1-I300M TYNAAIAY	92	>CDH1-I300M TYNAAMAY	47	45
>CDH1-I300M TYNAAIAY	163	>CDH1-I300M TYNAAMAY	111	52
>CDH1-I300M TYNAAIAYTI	308	>CDH1-I300M TYNAAMAYT	421	113
>CDH1-I300M TYNAAIAY	482	>CDH1-I300M TYNAAMAY	87	395
>CDH1-I300M TYNAAIAY	489	>CDH1-I300M TYNAAMAY	1044	555
>CDH1-I300M TYNAAIAY	187	>CDH1-I300M TYNAAMAY	179	8
>CDH1-I300M NTYNAAIAYT	210	>CDH1-I300M NTYNAAMAY	195	15
>CDH1-I300M NTYNAAIAY	538	>CDH1-I300M NTYNAAMAY	311	227
>CDH1-I300M NTYNAAIAYT	284	>CDH1-I300M NTYNAAMAY	398	114
>CDH1-I300M NTYNAAIAYT	107	>CDH1-I300M NTYNAAMAY	163	56
>CDH1-I300M NTYNAAIAYT	630	>CDH1-I300M NTYNAAMAY	495	135
>CDH1-I300M NTYNAAIAYT	220	>CDH1-I300M NTYNAAMAY	285	65
>CDH1-I300M NTYNAAIAYT	291	>CDH1-I300M NTYNAAMAY	503	212
>CDH1-I300M NTYNAAIAY	596	>CDH1-I300M NTYNAAMAY	327	269
>CDH1-I300M NTYNAAIAY	283	>CDH1-I300M NTYNAAMAY	138	145
>CDH1-I300M NTYNAAIAY	34	>CDH1-I300M NTYNAAMAY	19	15
>CDH1-I300M NTYNAAIAY	63	>CDH1-I300M NTYNAAMAY	142	79
>CDH1-I300M NTYNAAIAY	63	>CDH1-I300M NTYNAAMAY	186	123
>CDH1-I300M NTYNAAIAY	50	>CDH1-I300M NTYNAAMAY	29	21
>CDH1-I300M NTYNAAIAY	399	>CDH1-I300M NTYNAAMAY	276	123
>CDH1-I300M NTYNAAIAY	449	>CDH1-I300M NTYNAAMAY	544	95
>CDH1-I300M NTYNAAIAYT	16	>CDH1-I300M NTYNAAMAY	15	1
>CDH1-I300M NTYNAAIAY	39	>CDH1-I300M NTYNAAMAY	23	16
>CDH1-I300M NTYNAAIA	130	>CDH1-I300M NTYNAAMA	38	92
>CDH1-I300M NTYNAAIAYT	20	>CDH1-I300M NTYNAAMAY	18	2
>CDH1-I300M NTYNAAIAYT	12	>CDH1-I300M NTYNAAMAY	11	1
>CDH1-I300M NTYNAAIA	160	>CDH1-I300M NTYNAAMA	27	133
>CDH1-I300M NTYNAAIAYT	68	>CDH1-I300M NTYNAAMAY	45	23
>CDH1-I300M NTYNAAIAYT	8	>CDH1-I300M NTYNAAMAY	10	2
>CDH1-I300M NTYNAAIAY	883	>CDH1-I300M NTYNAAMAY	110	773
>CDH1-I300M NTYNAAIAY	158	>CDH1-I300M NTYNAAMAY	99	59
>CDH1-I300M NTYNAAIAY	185	>CDH1-I300M NTYNAAMAY	128	57
>CDH1-I300M NTYNAAIAY	102	>CDH1-I300M NTYNAAMAY	40	62
>CDH1-I300M NTYNAAIAY	10	>CDH1-I300M NTYNAAMAY	10	0
>CDH1-I300M NTYNAAIAYT	102	>CDH1-I300M NTYNAAMAY	65	37
>CDH1-I300M NTYNAAIAY	373	>CDH1-I300M NTYNAAMAY	368	5
>CDH1-I300M NTYNAAIAY	26	>CDH1-I300M NTYNAAMAY	58	32
>CDH1-I300M NTYNAAIAY	70	>CDH1-I300M NTYNAAMAY	28	42
>CDH1-I300M NTYNAAIAYT	305	>CDH1-I300M NTYNAAMAY	247	58
>CDH1-I300M NTYNAAIAY	64	>CDH1-I300M NTYNAAMAY	98	34
>CDH1-I300M NTYNAAIAYT	16	>CDH1-I300M NTYNAAMAY	21	5

>CDH1-I300M VNTYNAAIAY	705	>CDH1-I300M VNTYNAAMA	411	294
>CDH1-I300M VNTYNAAIAY	694	>CDH1-I300M VNTYNAAMA	421	273
>CDH1-I300M DVNTYNAAI	7234	>CDH1-I300M DVNTYNAAM	262	6972
>CDH1-I300M DVNTYNAAI	130	>CDH1-I300M DVNTYNAAM	73	57
>CDH1-I300M DVNTYNAAI	2701	>CDH1-I300M DVNTYNAAM	27	2674
>CDH1-I300M DVNTYNAAI	20	>CDH1-I300M DVNTYNAAM	32	12
>CDH1-I300M DVNTYNAAI	7488	>CDH1-I300M DVNTYNAAM	245	7243
>CDH1-I300M DVNTYNAAI	231	>CDH1-I300M DVNTYNAAM	465	234
>CDH1-I300M DVNTYNAAI	313	>CDH1-I300M DVNTYNAAM	201	112
>CDH1-I300M DVNTYNAAI	349	>CDH1-I300M DVNTYNAAM	274	75
>CDH1-I300M DVNTYNAAI	571	>CDH1-I300M DVNTYNAAM	381	190
>CDH1-I300M DVNTYNAAI	31	>CDH1-I300M DVNTYNAAM	700	669
>CDH1-I300M DVNTYNAAI	79	>CDH1-I300M DVNTYNAAM	217	138
>CDH1-I300M DVNTYNAAI	2780	>CDH1-I300M DVNTYNAAM	420	2360
>CDH1-I300M DVNTYNAAI	3098	>CDH1-I300M DVNTYNAAM	73	3025
>CDH1-I300M DVNTYNAAI	29	>CDH1-I300M DVNTYNAAM	50	21
>CDH1-I300M DDVNTYNAAI	312	>CDH1-I300M DDVNTYNAAI	6705	6393
>CDH1-I600M IFFCERNPK	528	>CDH1-I600M MFFCERNPK	179	349
>CDH1-I600M IFFCERNPK	59	>CDH1-I600M MFFCERNPK	12	47
>CDH1-I600M IFFCERNPK	356	>CDH1-I600M MFFCERNPK	73	283
>CDH1-I600M IFFCERNPK	243	>CDH1-I600M MFFCERNPK	112	131
>CDH1-I600M IFFCERNPK	406	>CDH1-I600M MFFCERNPK	48	358
>CDH1-I600M IFFCERNPK	87	>CDH1-I600M MFFCERNPK	55	32
>CDH1-I600M IFFCERNPKPK	679	>CDH1-I600M MFFCERNPKPK	448	231
>CDH1-I600M TIFFCERNPK	68	>CDH1-I600M TMFFCERNPK	42	26
>CDH1-I600M TIFFCERNPK	37	>CDH1-I600M TMFFCERNPK	40	3
>CDH1-I600M TIFFCERNPK	296	>CDH1-I600M TMFFCERNPK	415	119
>CDH1-I600M TIFFCERNPK	143	>CDH1-I600M TMFFCERNPK	83	60
>CDH1-I600M TIFFCERNPK	11	>CDH1-I600M TMFFCERNPK	19	8
>CDH1-I600M TIFFCERNPK	363	>CDH1-I600M TMFFCERNPK	228	135
>CDH1-I600M RTIFFCER	2926	>CDH1-I600M RTMFFCER	423	2503
>CDH1-I600M RTIFFCERNPK	224	>CDH1-I600M RTMFFCERNPK	58	166
>CDH1-I600M RTIFFCER	27	>CDH1-I600M RTMFFCER	12	15
>CDH1-I600M RTIFFCERNPK	11	>CDH1-I600M RTMFFCERNPK	7	4
>CDH1-I600M RTIFFCER	735	>CDH1-I600M RTMFFCER	264	471
>CDH1-I600M RTIFFCERNPK	15	>CDH1-I600M RTMFFCERNPK	10	5
>CDH1-I600M RTIFFCER	8	>CDH1-I600M RTMFFCER	7	1
>CDH1-I600M RTIFFCERNPK	47	>CDH1-I600M RTMFFCERNPK	31	16
>CDH1-I600M RTIFFCER	1411	>CDH1-I600M RTMFFCER	385	1026
>CDH1-I600M RTIFFCERNPK	765	>CDH1-I600M RTMFFCERNPK	233	532
>CDH1-I600M RTIFFCER	157	>CDH1-I600M RTMFFCER	94	63
>CDH1-I600M RTIFFCER	8	>CDH1-I600M RTMFFCER	9	1
>CDH1-I600M RTIFFCERNPK	32	>CDH1-I600M RTMFFCERNPK	39	7

>CDH1-I600M RTIFFCERN	474	>CDH1-I600M RTMFFCERN	185	289
>CDH1-I600M RTIFFCER	159	>CDH1-I600M RTMFFCER	111	48
>CDH1-I600M RTIFFCERNPK	376	>CDH1-I600M RTMFFCERNF	264	112
>CDH1-I600M RTIFFCER	54	>CDH1-I600M RTMFFCER	44	10
>CDH1-I600M PRTIFFCER	147	>CDH1-I600M PRTMFFCER	146	1
>CDH1-I600M EPRTIFFCER	248	>CDH1-I600M EPRTMFFCER	233	15
>CDH1-I600M EPRTIFFCER	204	>CDH1-I600M EPRTMFFCER	289	85
>CDH1-I600M IPEPRTIFF	19	>CDH1-I600M IPEPRTMFF	58	39
>CDH1-I600M IPEPRTIF	46	>CDH1-I600M IPEPRTMF	54	8
>CDH1-I600M IPEPRTIFF	163	>CDH1-I600M IPEPRTMFF	105	58
>CDH1-I600M IPEPRTIF	69	>CDH1-I600M IPEPRTMF	119	50
>CDH1-I600M IPEPRTIFF	71	>CDH1-I600M IPEPRTMFF	192	121
>CDH1-I600M IPEPRTIF	395	>CDH1-I600M IPEPRTMF	405	10
>CDH1-I600M IPEPRTIFF	391	>CDH1-I600M IPEPRTMFF	438	47
>CDH1-I600M IPEPRTIF	87	>CDH1-I600M IPEPRTMF	52	35
>CDH1-I600M IPEPRTIFF	30	>CDH1-I600M IPEPRTMFF	34	4
>CDH1-I600M APIPEPRTIF	479	>CDH1-I600M APIPEPRTMF	389	90
>CDH1-I600M APIPEPRTIFF	45	>CDH1-I600M APIPEPRTMF	76	31
>CDH1-I600M APIPEPRTI	1053	>CDH1-I600M APIPEPRTM	120	933
>CDH1-I600M APIPEPRTIF	165	>CDH1-I600M APIPEPRTMF	540	375
>CDH1-I600M APIPEPRTIFF	583	>CDH1-I600M APIPEPRTMF	483	100
>CDH1-I600M APIPEPRTIF	99	>CDH1-I600M APIPEPRTMF	144	45
>CDH1-I600M APIPEPRTIFF	273	>CDH1-I600M APIPEPRTMF	150	123
>CDH1-I600M APIPEPRTI	4476	>CDH1-I600M APIPEPRTM	108	4368
>CDH1-I600M APIPEPRTIFF	129	>CDH1-I600M APIPEPRTMF	233	104
>CDH1-I600M APIPEPRTIFF	425	>CDH1-I600M APIPEPRTMF	490	65
>CDH1-I600M APIPEPRTIF	239	>CDH1-I600M APIPEPRTMF	257	18
>CDH1-I600M APIPEPRTIFF	368	>CDH1-I600M APIPEPRTMF	460	92
>CDH1-I600M APIPEPRTIFF	264	>CDH1-I600M APIPEPRTMF	271	7
>CDH1-I600M NAPIPEPRTIF	315	>CDH1-I600M NAPIPEPRTM	323	8
>CDH1-L581F LLLILSDV	75	>CDH1-L581F PLLILSDV	4583	4508
>CDH1-L581F LLLILSDV	170	>CDH1-L581F PLLILSDV	1459	1289
>CDH1-L581F LLLILSDV	54	>CDH1-L581F PLLILSDV	1477	1423
>CDH1-L581F LLLILSDV	61	>CDH1-L581F PLLILSDV	3699	3638
>CDH1-L581F LLLILSDV	4	>CDH1-L581F PLLILSDV	40	36
>CDH1-L581F LLLILSDV	10	>CDH1-L581F PLLILSDV	642	632
>CDH1-L581F LLLILSDV	6	>CDH1-L581F PLLILSDV	17	11
>CDH1-L581F LLLILSDV	8	>CDH1-L581F PLLILSDV	70	62
>CDH1-L581F LLLILSDV	3	>CDH1-L581F PLLILSDV	15	12
>CDH1-L581F TLLLILSDV	88	>CDH1-L581F TPLLILSDV	20824	20736
>CDH1-L581F TLLLILSDV	249	>CDH1-L581F TPLLILSDV	17995	17746
>CDH1-L581F TLLLILSDV	29	>CDH1-L581F TPLLILSDV	14225	14196
>CDH1-L581F TLLLILSDV	77	>CDH1-L581F TPLLILSDV	14381	14304

>CDH1-L581FTLLLILSDV	19	>CDH1-L581FTPLLILSDV	22951	22932
>CDH1-L581FTLLLILSDV	21	>CDH1-L581FTPLLILSDV	19875	19854
>CDH1-L581FTLLLILSDV	10	>CDH1-L581FTPLLILSDV	19815	19805
>CDH1-L581FTLLLILSDV	6	>CDH1-L581FTPLLILSDV	21191	21185
>CDH1-L581FTLLLILSDV	4	>CDH1-L581FTPLLILSDV	26284	26280
>CDH1-L581FGSPVATGTGT	30	>CDH1-L581FGSPVATGTGT	8684	8654
>CDH1-L581FGSPVATGTGT	437	>CDH1-L581FGSPVATGTGT	25188	24751
>CDH1-L581FGTLLLILSDV	418	>CDH1-L581FGTPLLILSDV	3377	2959
>CDH1-L581FGTLLLILSDV	149	>CDH1-L581FGTPLLILSDV	351	202
>CDH1-L581FGTLLLILSDV	179	>CDH1-L581FGTPLLILSDV	485	306
>CDH1-L581FGTLLLILSDV	179	>CDH1-L581FGTPLLILSDV	1916	1737
>CDH1-L581FGTLLLILSDV	11065	>CDH1-L581FGTPLLILSDV	25	11040
>CDH1-L581FGTLLLILSDV	348	>CDH1-L581FGTPLLILSDV	348	0
>CDH1-L581FGTGTTTTL	380	>CDH1-L581FGTGTTTTL	193	187
>CDH1-L581FGTGTTTTL	101	>CDH1-L581FGTGTTTTL	102	1
>CDH1-L581FGTGTTTTL	171	>CDH1-L581FGTGTTTTL	85	86
>CDH1-L581FATGTGTLLL	314	>CDH1-L581FATGTGTPLL	545	231
>CDH1-L581FATGTGTLLL	295	>CDH1-L581FATGTGTPLL	457	162
>CDH1-L581FATGTGTLLL	395	>CDH1-L581FATGTGTPLL	378	17
>CDH1-L581FATGTGTLL	168	>CDH1-L581FATGTGTPL	56	112
>CDH1-L581FATGTGTLL	83	>CDH1-L581FATGTGTPL	157	74
>CDH1-L581FATGTGTLLLL	158	>CDH1-L581FATGTGTPLL	145	13
>CDH1-L581FATGTGTLL	388	>CDH1-L581FATGTGTPL	3336	2948
>CDH1-L581FATGTGTLL	130	>CDH1-L581FATGTGTPL	96	34
>CDH1-L581FATGTGTLLL	343	>CDH1-L581FATGTGTPLL	614	271
>CDH1-L581FATGTGTLLLL	272	>CDH1-L581FATGTGTPLL	205	67
>CDH1-L581FATGTGTLLL	795	>CDH1-L581FATGTGTPLL	263	532
>CDH1-L581FATGTGTLLL	85	>CDH1-L581FATGTGTPLL	57	28
>CDH1-L581FVATGTGTLL	5356	>CDH1-L581FVATGTGTPL	142	5214
>CDH1-L581FVATGTGTLL	90	>CDH1-L581FVATGTGTP	19988	19898
>CDH1-L581FVATGTGTLL	213	>CDH1-L581FVATGTGTPL	43	170
>CDH1-L581FVATGTGTLLL	178	>CDH1-L581FVATGTGTPLL	197	19
>CDH1-L581FVATGTGTLLL	377	>CDH1-L581FVATGTGTPLL	324	53
>CDH1-L581FVATGTGTLL	56	>CDH1-L581FVATGTGTPL	270	214
>CDH1-L581FVATGTGTLL	56	>CDH1-L581FVATGTGTPLL	57	1
>CDH1-L581FVATGTGTLLL	139	>CDH1-L581FVATGTGTPLL	306	167
>CDH1-L581FVATGTGTLL	109	>CDH1-L581FVATGTGTPL	1411	1302
>CDH1-L581FVATGTGTLLL	487	>CDH1-L581FVATGTGTPLL	489	2
>CDH1-L581FSPVATGTGTL	306	>CDH1-L581FSPVATGTGTP	12672	12366
>CDH1-L581FSPVATGTGTL	62	>CDH1-L581FSPVATGTGTP	36701	36639
>CDH1-L581FSPVATGTGTL	131	>CDH1-L581FSPVATGTGTP	233	102
>CDH1-L581FSPVATGTGTL	48	>CDH1-L581FSPVATGTGTP	4591	4543
>CDH1-L581FSPVATGTGTL	30	>CDH1-L581FSPVATGTGTP	9	21

>CDH1-L581\SPVATGTGTL	1122	>CDH1-L581\SPVATGTGTF	114	1008
>CDH1-L581\SPVATGTGTL	79	>CDH1-L581\SPVATGTGTF	17786	17707
>CDH1-L581\SPVATGTGTL	126	>CDH1-L581\SPVATGTGTF	41	85
>CDH1-L581\SPVATGTGTL	451	>CDH1-L581\SPVATGTGTF	17796	17345
>CDH1-L581\SPVATGTGTL	3093	>CDH1-L581\SPVATGTGTF	348	2745
>CDH1-L711\IVGILGGILA	373	>CDH1-L711\IVGILGGILA	3791	3418
>CDH1-L711\IVGILGGILAL	340	>CDH1-L711\IVGILGGILAL	3227	2887
>CDH1-L711\IVGILGGI	220	>CDH1-L711\IVGILGGI	1725	1505
>CDH1-L711\IVGILGGILA	425	>CDH1-L711\IVGILGGILA	2886	2461
>CDH1-L711\IVGILGGI	29	>CDH1-L711\IVGILGGI	2821	2792
>CDH1-L711\IVGILGGILA	357	>CDH1-L711\IVGILGGILA	10022	9665
>CDH1-L711\IVGILGGILAL	26	>CDH1-L711\IVGILGGILAL	1422	1396
>CDH1-L711\IVGILGGILAL	320	>CDH1-L711\IVGILGGILAL	9931	9611
>CDH1-L711\IVGILGGI	280	>CDH1-L711\IVGILGGI	10006	9726
>CDH1-L711\IVGILGGILAL	118	>CDH1-L711\IVGILGGILAL	6155	6037
>CDH1-L711\IVGILGGI	113	>CDH1-L711\IVGILGGI	10964	10851
>CDH1-L711\IVGILGGIL	321	>CDH1-L711\IVGILGGIL	16005	15684
>CDH1-L711\IVGILGGILA	163	>CDH1-L711\IVGILGGILA	13961	13798
>CDH1-L711\IVGILGGILAL	22	>CDH1-L711\IVGILGGILAL	1741	1719
>CDH1-L711\VEAGLQIPAI\	873	>CDH1-L711\VEAGLQIPAI\	341	532
>CDH1-L711\VEAGLQIPAI\	417	>CDH1-L711\VEAGLQIPAI\	1628	1211
>CDH1-L711\VEAGLQIPAI\	442	>CDH1-L711\VEAGLQIPAI\	6935	6493
>CDH1-L711\VEAGLQIPAI\	19	>CDH1-L711\VEAGLQIPAI\	134	115
>CDH1-L711\VEAGLQIPAI\	2051	>CDH1-L711\VEAGLQIPAI\	244	1807
>CDH1-L711\VEAGLQIPAI\	105	>CDH1-L711\VEAGLQIPAI\	41	64
>CDH1-L711\AIVGILGGI	405	>CDH1-L711\AIVGILGGI	148	257
>CDH1-L711\AIVGILGGILA	1071	>CDH1-L711\AIVGILGGILA	488	583
>CDH1-L711\AIVGILGGI	71	>CDH1-L711\AIVGILGGI	21	50
>CDH1-L711\AIVGILGGILA	616	>CDH1-L711\AIVGILGGILA	219	397
>CDH1-L711\AIVGILGGI	34	>CDH1-L711\AIVGILGGI	42	8
>CDH1-L711\AIVGILGGIL	443	>CDH1-L711\AIVGILGGIL	1047	604
>CDH1-L711\AIVGILGGILA	114	>CDH1-L711\AIVGILGGILA	177	63
>CDH1-L711\AIVGILGGI	24	>CDH1-L711\AIVGILGGI	186	162
>CDH1-L711\AIVGILGGIL	414	>CDH1-L711\AIVGILGGIL	2384	1970
>CDH1-L711\AIVGILGGILA	232	>CDH1-L711\AIVGILGGILA	1636	1404
>CDH1-L711\AIVGILGGI	366	>CDH1-L711\AIVGILGGI	4054	3688
>CDH1-L711\AIVGILGGI	357	>CDH1-L711\AIVGILGGI	8124	7767
>CDH1-L711\AIVGILGGI	223	>CDH1-L711\AIVGILGGI	506	283
>CDH1-L711\AIVGILGGIL	356	>CDH1-L711\AIVGILGGIL	705	349
>CDH1-L711\AIVGILGGILA	209	>CDH1-L711\AIVGILGGILA	442	233
>CDH1-L711\AIVGILGGI	1474	>CDH1-L711\AIVGILGGI	198	1276
>CDH1-L711\AIVGILGGIL	1921	>CDH1-L711\AIVGILGGIL	353	1568
>CDH1-L711\AIVGILGGI	2955	>CDH1-L711\AIVGILGGI	405	2550

>CDH1-L711\IPAILGIL	29	>CDH1-L711\IPAIVGIL	30	1
>CDH1-L711\IPAILGILGGI	201	>CDH1-L711\IPAIVGILGGI	162	39
>CDH1-L711\IPAILGILGGI	511	>CDH1-L711\IPAIVGILGGI	422	89
>CDH1-L711\IPAILGILG	133	>CDH1-L711\IPAIVGILG	93	40
>CDH1-L711\IPAILGILGGI	314	>CDH1-L711\IPAIVGILGGI	266	48
>CDH1-L711\QIPAILGI	302	>CDH1-L711\QIPAIVGI	335	33
>CDH1-L711\QIPAILGIL	510	>CDH1-L711\QIPAIVGIL	493	17
>CDH1-L711\QIPAILGI	190	>CDH1-L711\QIPAIVGI	299	109
>CDH1-L711\QIPAILGI	1039	>CDH1-L711\QIPAIVGI	341	698
>CDH1-L711\QIPAILGI	75	>CDH1-L711\QIPAIVGI	20	55
>CDH1-L711\QIPAILGIL	346	>CDH1-L711\QIPAIVGIL	203	143
>CDH1-L711\QIPAILGIL	187	>CDH1-L711\QIPAIVGIL	180	7
>CDH1-L711\LQIPAILGI	124	>CDH1-L711\LQIPAIVGI	127	3
>CDH1-L711\LQIPAILGI	319	>CDH1-L711\LQIPAIVGI	142	177
>CDH1-L711\LQIPAILGIL	364	>CDH1-L711\LQIPAIVGIL	623	259
>CDH1-L711\LQIPAILGI	41	>CDH1-L711\LQIPAIVGI	44	3
>CDH1-L711\LQIPAILGIL	267	>CDH1-L711\LQIPAIVGIL	524	257
>CDH1-L711\LQIPAILGI	4	>CDH1-L711\LQIPAIVGI	4	0
>CDH1-L711\LQIPAILGIL	188	>CDH1-L711\LQIPAIVGIL	558	370
>CDH1-L711\LQIPAILGILG	541	>CDH1-L711\LQIPAIVGILG	440	101
>CDH1-L711\LQIPAILGI	327	>CDH1-L711\LQIPAIVGI	224	103
>CDH1-L711\LQIPAILGI	479	>CDH1-L711\LQIPAIVGI	218	261
>CDH1-L711\LQIPAILG	987	>CDH1-L711\LQIPAIVG	202	785
>CDH1-L711\LQIPAILGI	85	>CDH1-L711\LQIPAIVGI	93	8
>CDH1-L711\LQIPAILGIL	121	>CDH1-L711\LQIPAIVGIL	90	31
>CDH1-L711\LQIPAILGI	88	>CDH1-L711\LQIPAIVGI	55	33
>CDH1-L711\LQIPAILGIL	147	>CDH1-L711\LQIPAIVGIL	85	62
>CDH1-L711\LQIPAILGIL	488	>CDH1-L711\LQIPAIVGIL	195	293
>CDH1-L711\GLQIPAIL	1277	>CDH1-L711\GLQIPAIV	355	922
>CDH1-L711\GLQIPAILGI	244	>CDH1-L711\GLQIPAIVGI	438	194
>CDH1-L711\GLQIPAIL	812	>CDH1-L711\GLQIPAIV	89	723
>CDH1-L711\GLQIPAILGI	127	>CDH1-L711\GLQIPAIVGI	244	117
>CDH1-L711\GLQIPAIL	163	>CDH1-L711\GLQIPAIV	12	151
>CDH1-L711\GLQIPAILGI	30	>CDH1-L711\GLQIPAIVGI	25	5
>CDH1-L711\GLQIPAILGIL	414	>CDH1-L711\GLQIPAIVGIL	304	110
>CDH1-L711\GLQIPAIL	63	>CDH1-L711\GLQIPAIV	10	53
>CDH1-L711\GLQIPAILGI	56	>CDH1-L711\GLQIPAIVGI	32	24
>CDH1-L711\GLQIPAILGIL	226	>CDH1-L711\GLQIPAIVGIL	234	8
>CDH1-L711\GLQIPAIL	520	>CDH1-L711\GLQIPAIV	33	487
>CDH1-L711\GLQIPAILGI	151	>CDH1-L711\GLQIPAIVGI	133	18
>CDH1-L711\GLQIPAIL	3966	>CDH1-L711\GLQIPAIV	273	3693
>CDH1-L711\GLQIPAIL	33	>CDH1-L711\GLQIPAIV	9	24
>CDH1-L711\GLQIPAILGI	36	>CDH1-L711\GLQIPAIVGI	32	4



>CDH1-L711\GLQIPAILGIL	91	>CDH1-L711\GLQIPAIVGIL	97	6
>CDH1-L711\EAGLQIPAIL	2171	>CDH1-L711\EAGLQIPAIV	184	1987
>CDH1-M282MEVTATDA	29	>CDH1-M282IEVTATDA	1034	1005
>CDH1-M282MEVTATDAD	249	>CDH1-M282IEVTATDAD	486	237
>CDH1-M282MEGALPGTS\	693	>CDH1-M282MEGALPGTS\	37	656
>CDH1-M282MEGALPGTS\	484	>CDH1-M282MEGALPGTS\	272	212
>CDH1-M282MEGALPGTS\	282	>CDH1-M282MEGALPGTS\	238	44
>CDH1-M282MEGALPGTS\	449	>CDH1-M282MEGALPGTS\	142	307
>CDH1-M282MEGALPGTS\	165	>CDH1-M282MEGALPGTS\	17	148
>CDH1-M282SVMEVTAT	147	>CDH1-M282SVIEVTAT	367	220
>CDH1-M282SVMEVTATD,	256	>CDH1-M282SVIEVTATDA	918	662
>CDH1-M282SVMEVTAT	43	>CDH1-M282SVIEVTAT	83	40
>CDH1-M282SVMEVTAT	201	>CDH1-M282SVIEVTAT	345	144
>CDH1-M282SVMEVTATD,	308	>CDH1-M282SVIEVTATDA	443	135
>CDH1-M282SVMEVTAT	438	>CDH1-M282SVIEVTAT	1370	932
>CDH1-M282SVMEVTATD,	233	>CDH1-M282SVIEVTATDA	762	529
>CDH1-M282LPGTSVMEV	120	>CDH1-M282LPGTSVIEV	41	79
>CDH1-M282LPGTSVMEV	562	>CDH1-M282LPGTSVIEV	315	247
>CDH1-M282LPGTSVMEV\	52	>CDH1-M282LPGTSVIEV\	43	9
>CDH1-M282ALPGTSVME\	65	>CDH1-M282ALPGTSVIEV	97	32
>CDH1-M282ALPGTSVME	643	>CDH1-M282ALPGTSVI	188	455
>CDH1-M282ALPGTSVME\	29	>CDH1-M282ALPGTSVIEV	55	26
>CDH1-M282ALPGTSVME	623	>CDH1-M282ALPGTSVI	36	587
>CDH1-M282ALPGTSVME\	15	>CDH1-M282ALPGTSVIEV	28	13
>CDH1-M282ALPGTSVME\	66	>CDH1-M282ALPGTSVIEV	89	23
>CDH1-M282ALPGTSVME	161	>CDH1-M282ALPGTSVI	20	141
>CDH1-M282ALPGTSVME\	2	>CDH1-M282ALPGTSVIEV	3	1
>CDH1-M282ALPGTSVME\	282	>CDH1-M282ALPGTSVIEV\	167	115
>CDH1-M282ALPGTSVME	2046	>CDH1-M282ALPGTSVI	138	1908
>CDH1-M282ALPGTSVME\	10	>CDH1-M282ALPGTSVIEV	9	1
>CDH1-M282ALPGTSVME	481	>CDH1-M282ALPGTSVI	46	435
>CDH1-M282ALPGTSVME\	5	>CDH1-M282ALPGTSVIEV	5	0
>CDH1-M282ALPGTSVME	2020	>CDH1-M282ALPGTSVI	472	1548
>CDH1-M282ALPGTSVME\	7	>CDH1-M282ALPGTSVIEV	8	1
>CDH1-M282ALPGTSVME	25	>CDH1-M282ALPGTSVI	7	18
>CDH1-M282ALPGTSVME\	2	>CDH1-M282ALPGTSVIEV	2	0
>CDH1-M282ALPGTSVME\	107	>CDH1-M282ALPGTSVIEV\	57	50
>CDH1-M282ALPGTSVME	2819	>CDH1-M282ALPGTSVI	237	2582
>CDH1-M282ALPGTSVME	390	>CDH1-M282ALPGTSVI	4701	4311
>CDH1-M282GALPGTSVME	675	>CDH1-M282GALPGTSVIE\	494	181
>CDH1-M282GALPGTSVME	400	>CDH1-M282GALPGTSVIE\	947	547
>CDH1-M282GALPGTSVME	68	>CDH1-M282GALPGTSVIE\	61	7
>CDH1-M282GALPGTSVME	68	>CDH1-M282GALPGTSVIE\	52	16

>CDH1-M282GALPGTSVM	360	>CDH1-M282GALPGTSVIE\	325	35
>CDH1-M282GALPGTSVM	55	>CDH1-M282GALPGTSVIE\	45	10
>CDH1-M282GALPGTSVM	20	>CDH1-M282GALPGTSVIE\	28	8
>CDH1-M282GALPGTSVM	19	>CDH1-M282GALPGTSVI	116	97
>CDH1-M282GALPGTSVM	322	>CDH1-M282GALPGTSVI	8039	7717
>CDH1-M282GALPGTSVM	10	>CDH1-M282GALPGTSVI	108	98
>CDH1-M282GALPGTSVM	360	>CDH1-M282GALPGTSVI	17	343
>CDH1-M316MFTINRNTG\	459	>CDH1-M316VFTINRNTGV	1223	764
>CDH1-M316MFTINRNTG\	63	>CDH1-M316VFTINRNTGV	287	224
>CDH1-M316MFTINRNTG	399	>CDH1-M316VFTINRNTG	2040	1641
>CDH1-M316MFTINRNTG\	391	>CDH1-M316VFTINRNTGV	2124	1733
>CDH1-M316NMFTINRNTG	39	>CDH1-M316NVFTINRNTG	755	716
>CDH1-M316NMFTINRNTG	7	>CDH1-M316NVFTINRNTG	93	86
>CDH1-M316NMFTINRNTG	7	>CDH1-M316NVFTINRNTG	81	74
>CDH1-M316NMFTINRNTG	71	>CDH1-M316NVFTINRNTG	141	70
>CDH1-M316NMFTINRNTG	6	>CDH1-M316NVFTINRNTG	553	547
>CDH1-M316NMFTINRNTG	16	>CDH1-M316NVFTINRNTG	2276	2260
>CDH1-M316NMFTINRNTG	20	>CDH1-M316NVFTINRNTG	1456	1436
>CDH1-M316NMFTINRNTG	19	>CDH1-M316NVFTINRNTG	1900	1881
>CDH1-M316NMFTINRNTG	9	>CDH1-M316NVFTINRNTG	385	376
>CDH1-M316NMFTINRNT	5594	>CDH1-M316NVFTINRNT	210	5384
>CDH1-M316NMFTINRNTG	53	>CDH1-M316NVFTINRNTG	6	47
>CDH1-M316NMFTINRNTG	119	>CDH1-M316NVFTINRNTG	30	89
>CDH1-M316SQDPELPDKM	1143	>CDH1-M316SQDPELPDKM	117	1026
>CDH1-M316SQDPELPDKM	9946	>CDH1-M316SQDPELPDKM	249	9697
>CDH1-M316KNMFTINR	45	>CDH1-M316KNVFTINR	164	119
>CDH1-M316KNMFTINR	44	>CDH1-M316KNVFTINR	49	5
>CDH1-M316DKNMFTINR	474	>CDH1-M316DKNVFTINR	775	301
>CDH1-M316DKNMFTINR	196	>CDH1-M316DKNVFTINR	282	86
>CDH1-M316DKNMFTINR	419	>CDH1-M316DKNVFTINR	963	544
>CDH1-M316PDKNMFTI	86	>CDH1-M316PDKNVFTI	111	25
>CDH1-M316LPDKNMFTI	41	>CDH1-M316LPDKNVFTI	18	23
>CDH1-M316LPDKNMFTI	210	>CDH1-M316LPDKNVFTI	157	53
>CDH1-M316LPDKNMFTI	22	>CDH1-M316LPDKNVFTI	14	8
>CDH1-M316LPDKNMFTI	123	>CDH1-M316LPDKNVFTI	373	250
>CDH1-M316LPDKNMFTI	621	>CDH1-M316LPDKNVFTI	153	468
>CDH1-M316ELPDKNMFTI	303	>CDH1-M316ELPDKNVFTI	360	57
>CDH1-M316ELPDKNMFTI	43	>CDH1-M316ELPDKNVFTI	22	21
>CDH1-M316ELPDKNMFTI	86	>CDH1-M316ELPDKNVFTI	58	28
>CDH1-M316ELPDKNMFTI	172	>CDH1-M316ELPDKNVFTI	89	83
>CDH1-M316ELPDKNMFTI	112	>CDH1-M316ELPDKNVFTI	35	77
>CDH1-M316ELPDKNMFT	434	>CDH1-M316ELPDKNVFT	490	56
>CDH1-M316ELPDKNMFTI	24	>CDH1-M316ELPDKNVFTI	17	7

>CDH1-M31€ELPDKNMFTI	1237	>CDH1-M31€ELPDKNVFTI	476	761
>CDH1-M31€ELPDKNMFTI	259	>CDH1-M31€ELPDKNVFTI	356	97
>CDH1-M31€ELPDKNMFTI	308	>CDH1-M31€ELPDKNVFTI	487	179
>CDH1-M31€PELPDKNMF	118	>CDH1-M31€PELPDKNVFT	129	11
>CDH1-M31€PELPDKNMF	257	>CDH1-M31€PELPDKNVFT	224	33
>CDH1-M31€PELPDKNMF	453	>CDH1-M31€PELPDKNVFT	490	37
>CDH1-N315 NMFTINRNTC	39	>CDH1-N315 SMFTINRNTC	13	26
>CDH1-N315 NMFTINRNT	785	>CDH1-N315 SMFTINRNT	386	399
>CDH1-N315 NMFTINRNTC	7	>CDH1-N315 SMFTINRNTC	5	2
>CDH1-N315 NMFTINRNTC	7	>CDH1-N315 SMFTINRNTC	5	2
>CDH1-N315 NMFTINRNTC	71	>CDH1-N315 SMFTINRNTC	37	34
>CDH1-N315 NMFTINRNT	3474	>CDH1-N315 SMFTINRNT	465	3009
>CDH1-N315 NMFTINRNTC	6	>CDH1-N315 SMFTINRNTC	2	4
>CDH1-N315 NMFTINRNTC	16	>CDH1-N315 SMFTINRNTC	8	8
>CDH1-N315 NMFTINRNTC	20	>CDH1-N315 SMFTINRNTC	6	14
>CDH1-N315 NMFTINRNTC	19	>CDH1-N315 SMFTINRNTC	34	15
>CDH1-N315 NMFTINRNTC	9	>CDH1-N315 SMFTINRNTC	3	6
>CDH1-N315 NMFTINRNTC	1624	>CDH1-N315 SMFTINRNTC	221	1403
>CDH1-N315 NMFTINRNTC	53	>CDH1-N315 SMFTINRNTC	139	86
>CDH1-N315 NMFTINRNTC	119	>CDH1-N315 SMFTINRNTC	257	138
>CDH1-N315 NMFTINRNTC	526	>CDH1-N315 SMFTINRNTC	134	392
>CDH1-N315 KNMFTINR	8826	>CDH1-N315 KSMFTINR	182	8644
>CDH1-N315 KNMFTINR	1793	>CDH1-N315 KSMFTINR	15	1778
>CDH1-N315 KNMFTINR	2875	>CDH1-N315 KSMFTINR	100	2775
>CDH1-N315 KNMFTINRN	5837	>CDH1-N315 KSMFTINRNT	289	5548
>CDH1-N315 KNMFTINR	45	>CDH1-N315 KSMFTINR	9	36
>CDH1-N315 KNMFTINR	1123	>CDH1-N315 KSMFTINR	83	1040
>CDH1-N315 KNMFTINR	2440	>CDH1-N315 KSMFTINR	174	2266
>CDH1-N315 KNMFTINR	44	>CDH1-N315 KSMFTINR	51	7
>CDH1-N315 DKNMFTINR	474	>CDH1-N315 DKSMFTINR	585	111
>CDH1-N315 DKNMFTINR	196	>CDH1-N315 DKSMFTINR	105	91
>CDH1-N315 DKNMFTINR	419	>CDH1-N315 DKSMFTINR	311	108
>CDH1-N315 PDKNMFTI	86	>CDH1-N315 PDKSMFTI	60	26
>CDH1-N315 LPDKNMFTI	41	>CDH1-N315 LPDKSMFTI	75	34
>CDH1-N315 LPDKNMFTI	616	>CDH1-N315 LPDKSMFTI	446	170
>CDH1-N315 LPDKNMFTI	210	>CDH1-N315 LPDKSMFTI	124	86
>CDH1-N315 LPDKNMFTI	22	>CDH1-N315 LPDKSMFTI	20	2
>CDH1-N315 LPDKNMFTI	123	>CDH1-N315 LPDKSMFTI	323	200
>CDH1-N315 ELPDKNMFTI	303	>CDH1-N315 ELPDKSMFTI	235	68
>CDH1-N315 ELPDKNMFTI	43	>CDH1-N315 ELPDKSMFTI	41	2
>CDH1-N315 ELPDKNMFTI	86	>CDH1-N315 ELPDKSMFTI	77	9
>CDH1-N315 ELPDKNMFTI	172	>CDH1-N315 ELPDKSMFTI	90	82
>CDH1-N315 ELPDKNMFTI	112	>CDH1-N315 ELPDKSMFTI	77	35

>CDH1-N315 ELPDKNMFT	434	>CDH1-N315 ELPDKSMFT	274	160
>CDH1-N315 ELPDKNMFTI	24	>CDH1-N315 ELPDKSMFTI	21	3
>CDH1-N315 ELPDKNMFTI	259	>CDH1-N315 ELPDKSMFTI	204	55
>CDH1-N315 ELPDKNMFTI	308	>CDH1-N315 ELPDKSMFTI	270	38
>CDH1-N315 PELPDKNMF	118	>CDH1-N315 PELPDKSMFT	103	15
>CDH1-N315 PELPDKNMF	257	>CDH1-N315 PELPDKSMFT	226	31
>CDH1-N315 PELPDKNMF	453	>CDH1-N315 PELPDKSMFT	393	60
>CDH1-N315 DPELPDKNM	1142	>CDH1-N315 DPELPDKSM	317	825
>CDH1-N369 DTNDNPPIF	74	>CDH1-N369 DTDDNPPIF	2761	2687
>CDH1-N369 DTNDNPPI	118	>CDH1-N369 DTDDNPPI	1866	1748
>CDH1-N369 DTNDNPPI	15	>CDH1-N369 DTDDNPPI	8	7
>CDH1-N369 TDTNDNPPI	240	>CDH1-N369 TDTDDNPPI	158	82
>CDH1-N369 VTDTNDNPPI	190	>CDH1-N369 VTDTDDNPPI	360	170
>CDH1-N369 VTDTNDNPPI	33	>CDH1-N369 VTDTDDNPPI	110	77
>CDH1-N369 VTDTNDNPPI	387	>CDH1-N369 VTDTDDNPPI	583	196
>CDH1-N369 VTDTNDNPPI	246	>CDH1-N369 VTDTDDNPPI	383	137
>CDH1-N369 TVTDTNDNPI	233	>CDH1-N369 TVTDTDDNPI	250	17
>CDH1-N369 TVTDTNDNPI	46	>CDH1-N369 TVTDTDDNPI	46	0
>CDH1-N369 TVTDTNDNPI	48	>CDH1-N369 TVTDTDDNPI	144	96
>CDH1-N428 NPVNNDGIL	188	>CDH1-N428 DPVNNDGIL	7148	6960
>CDH1-N428 NPVNNDGIL	328	>CDH1-N428 DPVNNDGIL	603	275
>CDH1-N428 NPVNNDGI	460	>CDH1-N428 DPVNNDGI	3172	2712
>CDH1-N428 TNPVNNDGI	7690	>CDH1-N428 TDPVNNDGI	169	7521
>CDH1-N428 TTNPVNNDG	234	>CDH1-N428 TTDPVNNDG	646	412
>CDH1-N428 TTNPVNNDG	58	>CDH1-N428 TTDPVNNDG	1034	976
>CDH1-N428 TTNPVNNDG	225	>CDH1-N428 TTDPVNNDG	104	121
>CDH1-N428 TTNPVNNDG	362	>CDH1-N428 TTDPVNNDG	764	402
>CDH1-N428 VTTNPVNND	205	>CDH1-N428 VTTPVNND	77	128
>CDH1-N428 VTTNPVNND	591	>CDH1-N428 VTTPVNND	208	383
>CDH1-N428 VTTNPVNND	344	>CDH1-N428 VTTPVNND	166	178
>CDH1-N428 VTTNPVNND	243	>CDH1-N428 VTTPVNND	266	23
>CDH1-N428 FVVTTNPV	39	>CDH1-N428 FVVTTDPV	70	31
>CDH1-N428 FVVTTNPV	17	>CDH1-N428 FVVTTDPV	29	12
>CDH1-N428 FVVTTNPV	9	>CDH1-N428 FVVTTDPV	16	7
>CDH1-N428 FVVTTNPV	4	>CDH1-N428 FVVTTDPV	4	0
>CDH1-N428 FVVTTNPV	35	>CDH1-N428 FVVTTDPV	36	1
>CDH1-N428 FVVTTNPV	25	>CDH1-N428 FVVTTDPV	24	1
>CDH1-N428 FVVTTNPV	73	>CDH1-N428 FVVTTDPV	44	29
>CDH1-N428 FVVTTNPV	449	>CDH1-N428 FVVTTDPV	603	154
>CDH1-N428 FVVTTNPV	7	>CDH1-N428 FVVTTDPV	11	4
>CDH1-N428 FVVTTNPV	13	>CDH1-N428 FVVTTDPV	17	4
>CDH1-N428 FVVTTNPV	9	>CDH1-N428 FVVTTDPV	27	18
>CDH1-N428 FVVTTNPV	222	>CDH1-N428 FVVTTDPV	436	214

>CDH1-N428 QFVVTTNPV	464	>CDH1-N428 QFVVTTDPV	328	136
>CDH1-N428 GQFVVTTNP\	123	>CDH1-N428 GQFVVTTDP\	125	2
>CDH1-N428 GQFVVTTNP\	70	>CDH1-N428 GQFVVTTDP\	116	46
>CDH1-N428 GQFVVTTNP\	140	>CDH1-N428 GQFVVTTDP\	132	8
>CDH1-N428 GQFVVTTNP\	88	>CDH1-N428 GQFVVTTDP\	88	0
>CDH1-N428 GQFVVTTNP\	35	>CDH1-N428 GQFVVTTDP\	42	7
>CDH1-N428 GQFVVTTNP\	36	>CDH1-N428 GQFVVTTDP\	33	3
>CDH1-N428 GQFVVTTNP\	266	>CDH1-N428 GQFVVTTDP\	450	184
>CDH1-N428 GQFVVTTNP\	34	>CDH1-N428 GQFVVTTDP\	106	72
>CDH1-P245\ PMEILITV	4833	>CDH1-P245\ LMEILITV	101	4732
>CDH1-P245\ PMEILITV	2075	>CDH1-P245\ LMEILITV	151	1924
>CDH1-P245\ PMEILITV	2203	>CDH1-P245\ LMEILITV	109	2094
>CDH1-P245\ PMEILITV	3882	>CDH1-P245\ LMEILITV	134	3748
>CDH1-P245\ PMEILITV	51	>CDH1-P245\ LMEILITV	4	47
>CDH1-P245\ PMEILITV	389	>CDH1-P245\ LMEILITV	11	378
>CDH1-P245\ PMEILITV	185	>CDH1-P245\ LMEILITV	19	166
>CDH1-P245\ PMEILITV	1974	>CDH1-P245\ LMEILITV	148	1826
>CDH1-P245\ PMEILITV	15	>CDH1-P245\ LMEILITV	2	13
>CDH1-P245\ DPMEILITV	16703	>CDH1-P245\ DLMEILITV	27	16676
>CDH1-P245\ DPMEILITVT	22447	>CDH1-P245\ DLMEILITVT	467	21980
>CDH1-P245\ DPMEILITV	13116	>CDH1-P245\ DLMEILITV	49	13067
>CDH1-P245\ DPMEILITVT	21417	>CDH1-P245\ DLMEILITVT	474	20943
>CDH1-P245\ DPMEILITV	10802	>CDH1-P245\ DLMEILITV	35	10767
>CDH1-P245\ DPMEILITVT	19533	>CDH1-P245\ DLMEILITVT	202	19331
>CDH1-P245\ DPMEILITV	5304	>CDH1-P245\ DLMEILITV	17	5287
>CDH1-P245\ DPMEILITV	8896	>CDH1-P245\ DLMEILITV	2	8894
>CDH1-P245\ DPMEILITV	12689	>CDH1-P245\ DLMEILITV	4	12685
>CDH1-P245\ DPMEILITV	14359	>CDH1-P245\ DLMEILITV	9	14350
>CDH1-P245\ DPMEILITV	6809	>CDH1-P245\ DLMEILITV	2	6807
>CDH1-P245\ DPMEILITVT	18559	>CDH1-P245\ DLMEILITVT	335	18224
>CDH1-P245\ DPMEILITV	16770	>CDH1-P245\ DLMEILITV	3	16767
>CDH1-P245\ DPMEILITV	184	>CDH1-P245\ DLMEILITV	36	148
>CDH1-P245\ DPMEILITV	12	>CDH1-P245\ DLMEILITV	6	6
>CDH1-P245\ DPMEILITV	455	>CDH1-P245\ DLMEILITV	15060	14605
>CDH1-P245\ DPMEILITV	293	>CDH1-P245\ DLMEILITV	22607	22314
>CDH1-P245\ DPMEILITV	104	>CDH1-P245\ DLMEILITV	28556	28452
>CDH1-P245\ VSSNGNAVEI	20583	>CDH1-P245\ VSSNGNAVEI	134	20449
>CDH1-P245\ EDPMEILI	2340	>CDH1-P245\ EDLMEILI	227	2113
>CDH1-P245\ EDPMEILI	1056	>CDH1-P245\ EDLMEILI	464	592
>CDH1-P245\ EDPMEILI	259	>CDH1-P245\ EDLMEILI	39	220
>CDH1-P245\ EDPMEILITV	805	>CDH1-P245\ EDLMEILITV	91	714
>CDH1-P245\ VEDPMEIL	2291	>CDH1-P245\ VEDLMEIL	78	2213
>CDH1-P245\ VEDPMEILI	38	>CDH1-P245\ VEDLMEILI	18	20

>CDH1-P245 VEDPMEILITV	507	>CDH1-P245 VEDLMEILITV	301	206
>CDH1-P245 VEDPMEIL	44	>CDH1-P245 VEDLMEIL	45	1
>CDH1-P245 VEDPMEILI	340	>CDH1-P245 VEDLMEILI	338	2
>CDH1-P245 VEDPMEILITV	182	>CDH1-P245 VEDLMEILITV	190	8
>CDH1-P245 VEDPMEILI	52	>CDH1-P245 VEDLMEILI	21	31
>CDH1-P245 VEDPMEILITV	104	>CDH1-P245 VEDLMEILITV	47	57
>CDH1-P245 AVEDPMEIL	2558	>CDH1-P245 AVEDLMEIL	437	2121
>CDH1-P245 AVEDPMEI	1269	>CDH1-P245 AVEDLMEI	196	1073
>CDH1-P245 NAVEDPMEI	2421	>CDH1-P245 NAVEDLMEI	77	2344
>CDH1-P245 NAVEDPMEIL	1140	>CDH1-P245 NAVEDLMEIL	484	656
>CDH1-P245 NAVEDPMEI	96	>CDH1-P245 NAVEDLMEI	72	24
>CDH1-P245 NAVEDPMEIL	327	>CDH1-P245 NAVEDLMEIL	345	18
>CDH1-P245 NAVEDPMEI	86	>CDH1-P245 NAVEDLMEI	45	41
>CDH1-P245 NAVEDPMEIL	430	>CDH1-P245 NAVEDLMEIL	402	28
>CDH1-P245 NAVEDPMEI	501	>CDH1-P245 NAVEDLMEI	401	100
>CDH1-P245 NAVEDPMEIL	413	>CDH1-P245 NAVEDLMEI	748	335
>CDH1-P245 NAVEDPMEI	337	>CDH1-P245 NAVEDLMEIL	440	103
>CDH1-P245 NGNAVEDPM	246	>CDH1-P245 NGNAVEDLM	3221	2975
>CDH1-P245 SSNGNAVEDI	137	>CDH1-P245 SSNGNAVEDI	601	464
>CDH1-P245 SSNGNAVEDI	22210	>CDH1-P245 SSNGNAVEDI	282	21928
>CDH1-P245 SSNGNAVEDI	186	>CDH1-P245 SSNGNAVEDI	427	241
>CDH1-P245 SSNGNAVEDI	452	>CDH1-P245 SSNGNAVEDI	3511	3059
>CDH1-P245 SSNGNAVEDI	1116	>CDH1-P245 SSNGNAVEDI	122	994
>CDH1-P260 PEFTQEVF	9625	>CDH1-P260 LEFTQEVF	288	9337
>CDH1-P260 PEFTQEVF	200	>CDH1-P260 LEFTQEVF	12	188
>CDH1-P260 PEFTQEVF	398	>CDH1-P260 LEFTQEVF	25	373
>CDH1-P260 PEFTQEVF	1970	>CDH1-P260 LEFTQEVF	106	1864
>CDH1-P260 PEFTQEVF	3790	>CDH1-P260 LEFTQEVF	331	3459
>CDH1-P260 PEFTQEVF	992	>CDH1-P260 LEFTQEVF	234	758
>CDH1-P260 KPEFTQEV	22869	>CDH1-P260 KLEFTQEV	192	22677
>CDH1-P260 KPEFTQEV	24725	>CDH1-P260 KLEFTQEV	31	24694
>CDH1-P260 KPEFTQEV	21179	>CDH1-P260 KLEFTQEV	100	21079
>CDH1-P260 KPEFTQEV	16980	>CDH1-P260 KLEFTQEV	395	16585
>CDH1-P260 KPEFTQEV	19070	>CDH1-P260 KLEFTQEV	10	19060
>CDH1-P260 KPEFTQEV	20163	>CDH1-P260 KLEFTQEV	15	20148
>CDH1-P260 KPEFTQEV	22283	>CDH1-P260 KLEFTQEV	31	22252
>CDH1-P260 KPEFTQEV	23929	>CDH1-P260 KLEFTQEV	95	23834
>CDH1-P260 KPEFTQEV	23471	>CDH1-P260 KLEFTQEV	4	23467
>CDH1-P260 KPEFTQEVFK	6107	>CDH1-P260 KLEFTQEVFK	39	6068
>CDH1-P260 KPEFTQEVFK	7660	>CDH1-P260 KLEFTQEVFK	142	7518
>CDH1-P260 KPEFTQEVFK	10159	>CDH1-P260 KLEFTQEVFK	165	9994
>CDH1-P260 KPEFTQEVF	11274	>CDH1-P260 KLEFTQEVF	70	11204
>CDH1-P260 KPEFTQEVFK	9059	>CDH1-P260 KLEFTQEVFK	187	8872

>CDH1-P260!ITVTDQNDNF	19220	>CDH1-P260!ITVTDQNDNF	378	18842
>CDH1-P260!ITVTDQNDNF	18365	>CDH1-P260!ITVTDQNDNF	92	18273
>CDH1-P260!ITVTDQNDNF	15419	>CDH1-P260!ITVTDQNDNF	496	14923
>CDH1-P260!NKPEFTQEV	1005	>CDH1-P260!NKLEFTQEV	360	645
>CDH1-P260!NKPEFTQEV	2462	>CDH1-P260!NKLEFTQEV	318	2144
>CDH1-P260!NKPEFTQEV	4642	>CDH1-P260!NKLEFTQEV	124	4518
>CDH1-P260!NKPEFTQEV	1202	>CDH1-P260!NKLEFTQEV	118	1084
>CDH1-P260!NKPEFTQEVF	54	>CDH1-P260!NKLEFTQEVF	7	47
>CDH1-P260!DQNDNKPEF	253	>CDH1-P260!DQNDNKLEF	241	12
>CDH1-P260!DQNDNKPEF	309	>CDH1-P260!DQNDNKLEF	204	105
>CDH1-P260!VTDQNDNKP	1049	>CDH1-P260!VTDQNDNKL	126	923
>CDH1-P260!VTDQNDNKP	21201	>CDH1-P260!VTDQNDNKL	217	20984
>CDH1-P260!VTDQNDNKP	16	>CDH1-P260!VTDQNDNKL	10	6
>CDH1-P309!PELPDKNM	7768	>CDH1-P309!SELPDKNM	311	7457
>CDH1-P309!PELPDKNMF	3757	>CDH1-P309!SELPDKNMF	350	3407
>CDH1-P309!PELPDKNMF	118	>CDH1-P309!SELPDKNMF	12	106
>CDH1-P309!PELPDKNMF	2566	>CDH1-P309!SELPDKNMF	394	2172
>CDH1-P309!PELPDKNMF	1941	>CDH1-P309!SELPDKNMF	483	1458
>CDH1-P309!PELPDKNMF	1468	>CDH1-P309!SELPDKNMF	125	1343
>CDH1-P309!PELPDKNMF	2795	>CDH1-P309!SELPDKNMF	348	2447
>CDH1-P309!PELPDKNMF	11916	>CDH1-P309!SELPDKNMF	495	11421
>CDH1-P309!PELPDKNMF	257	>CDH1-P309!SELPDKNMF	32	225
>CDH1-P309!PELPDKNMF	453	>CDH1-P309!SELPDKNMF	499	46
>CDH1-P309!LSQDPELPDK	160	>CDH1-P309!LSQDSELPDK	166	6
>CDH1-P309!ILSQDPEL	117	>CDH1-P309!ILSQDSEL	351	234
>CDH1-P309!ILSQDPEL	14	>CDH1-P309!ILSQDSEL	7	7
>CDH1-P309!ILSQDPEL	190	>CDH1-P309!ILSQDSEL	83	107
>CDH1-P309!ILSQDPEL	28	>CDH1-P309!ILSQDSEL	57	29
>CDH1-P309!ILSQDPEL	181	>CDH1-P309!ILSQDSEL	147	34
>CDH1-P309!ILSQDPEL	30	>CDH1-P309!ILSQDSEL	77	47
>CDH1-P309!ILSQDPEL	55	>CDH1-P309!ILSQDSEL	130	75
>CDH1-P309!ILSQDPEL	6	>CDH1-P309!ILSQDSEL	5	1
>CDH1-P309!ILSQDPELPDK	529	>CDH1-P309!ILSQDSELPDK	410	119
>CDH1-P309!TILSQDPEL	216	>CDH1-P309!TILSQDSEL	1601	1385
>CDH1-P309!TILSQDPEL	191	>CDH1-P309!TILSQDSEL	583	392
>CDH1-P309!YTILSQDPEL	426	>CDH1-P309!YTILSQDSEL	1105	679
>CDH1-P309!YTILSQDPEL	213	>CDH1-P309!YTILSQDSEL	134	79
>CDH1-P309!YTILSQDPEL	1330	>CDH1-P309!YTILSQDSEL	492	838
>CDH1-P309!YTILSQDPEL	82	>CDH1-P309!YTILSQDSEL	141	59
>CDH1-P309!YTILSQDPEL	29	>CDH1-P309!YTILSQDSEL	30	1
>CDH1-P309!YTILSQDPEL	457	>CDH1-P309!YTILSQDSEL	1753	1296
>CDH1-P309!YTILSQDPEL	7	>CDH1-P309!YTILSQDSEL	6	1
>CDH1-P309!YTILSQDPEL	209	>CDH1-P309!YTILSQDSEL	88	121

>CDH1-P309:YTILSQDPEL	929	>CDH1-P309:YTILSQDSEL	175	754
>CDH1-P309:AYTILSQDPEL	937	>CDH1-P309:AYTILSQDSEL	33	904
>CDH1-P309:AYTILSQDPEL	18	>CDH1-P309:AYTILSQDSEL	17	1
>CDH1-P30T·PGFDAESY	1471	>CDH1-P30T·TGFDAESY	370	1101
>CDH1-P30T·PGFDAESY	4861	>CDH1-P30T·TGFDAESY	445	4416
>CDH1-P30T·PGFDAESYTF	837	>CDH1-P30T·TGFDAESYTF	330	507
>CDH1-P30T·PGFDAESYTF	6789	>CDH1-P30T·TGFDAESYTF	185	6604
>CDH1-P30T·PGFDAESY	3344	>CDH1-P30T·TGFDAESY	273	3071
>CDH1-P30T·HPGFDAESY	22331	>CDH1-P30T·HTGFDAESY	448	21883
>CDH1-P30T·HPGFDAESY	14755	>CDH1-P30T·HTGFDAESY	388	14367
>CDH1-P30T·HPGFDAESY	8227	>CDH1-P30T·HTGFDAESY	81	8146
>CDH1-P30T·HPGFDAESY	3689	>CDH1-P30T·HTGFDAESY	91	3598
>CDH1-P30T·HPGFDAESY	3106	>CDH1-P30T·HTGFDAESY	139	2967
>CDH1-P30T·HPGFDAESYT	4725	>CDH1-P30T·HTGFDAESYT	18	4707
>CDH1-P30T·HPGFDAESY	3217	>CDH1-P30T·HTGFDAESY	101	3116
>CDH1-P30T·HPGFDAESY	8291	>CDH1-P30T·HTGFDAESY	370	7921
>CDH1-P30T·HPGFDAESYT	10407	>CDH1-P30T·HTGFDAESYT	420	9987
>CDH1-P30T·HPGFDAESY	20198	>CDH1-P30T·HTGFDAESY	120	20078
>CDH1-P30T·HPGFDAESYT	15553	>CDH1-P30T·HTGFDAESYT	22	15531
>CDH1-P30T·HPGFDAESY	19	>CDH1-P30T·HTGFDAESY	2529	2510
>CDH1-P30T·HPGFDAESYT	13	>CDH1-P30T·HTGFDAESYT	643	630
>CDH1-P30T·HPGFDAESY	112	>CDH1-P30T·HTGFDAESY	16493	16381
>CDH1-P30T·HPGFDAESYT	60	>CDH1-P30T·HTGFDAESYT	10109	10049
>CDH1-P30T·HPGFDAESY	6020	>CDH1-P30T·HTGFDAESY	118	5902
>CDH1-P30T·HPGFDAESYT	8136	>CDH1-P30T·HTGFDAESYT	212	7924
>CDH1-P30T·HPGFDAESYT	145	>CDH1-P30T·HTGFDAESYT	2897	2752
>CDH1-P30T·HPGFDAESY	2228	>CDH1-P30T·HTGFDAESY	219	2009
>CDH1-P30T·WLCQEPEPCI	4218	>CDH1-P30T·WLCQEPEPCI	264	3954
>CDH1-P30T·WLCQEPEPCI	7252	>CDH1-P30T·WLCQEPEPCI	253	6999
>CDH1-P30T·EPCHPGFDA	194	>CDH1-P30T·EPCHTGFDA	287	93
>CDH1-P30T·EPEPCHPGF	39	>CDH1-P30T·EPEPCHTGF	29	10
>CDH1-P30T·QEPEPCHPGF	311	>CDH1-P30T·QEPEPCHTGF	182	129
>CDH1-P30T·QEPEPCHPGF	431	>CDH1-P30T·QEPEPCHTGF	220	211
>CDH1-P30T·CQEPEPCHPG	251	>CDH1-P30T·CQEPEPCHTGF	174	77
>CDH1-P740:PLLPPEDDT	8015	>CDH1-P740:SLLPPEDDT	339	7676
>CDH1-P740:EPLLPPEDDTI	2186	>CDH1-P740:ESLLPPEDDTI	91	2095
>CDH1-P740:FLRRRAVVKE	879	>CDH1-P740:FLRRRAVVKE	458	421
>CDH1-P740:RAVVKEPLL	287	>CDH1-P740:RAVVKESLL	432	145
>CDH1-P740:RAVVKEPL	32	>CDH1-P740:RAVVKESL	34	2
>CDH1-P740:RAVVKEPLL	25	>CDH1-P740:RAVVKESLL	17	8
>CDH1-P740:RAVVKEPLL	7742	>CDH1-P740:RAVVKESLL	332	7410
>CDH1-P740:RRAVVKEP	986	>CDH1-P740:RRAVVKES	413	573
>CDH1-P740:RRAVVKEPL	28	>CDH1-P740:RRAVVKESL	39	11



>CDH1-P740: RRAVVKEPLL	17	>CDH1-P740: RRAVVKESLL	19	2
>CDH1-P740: RRAVVKEPL	493	>CDH1-P740: RRAVVKESL	918	425
>CDH1-P740: RRAVVKEP	137	>CDH1-P740: RRAVVKES	262	125
>CDH1-P740: RRAVVKEPL	27	>CDH1-P740: RRAVVKESL	31	4
>CDH1-P740: RRAVVKEPLL	44	>CDH1-P740: RRAVVKESLL	52	8
>CDH1-P740: RRAVVKEPLL	146	>CDH1-P740: RRAVVKESLL	186	40
>CDH1-P740: RRAVVKEPL	23	>CDH1-P740: RRAVVKESL	23	0
>CDH1-P740: RRAVVKEPLL	53	>CDH1-P740: RRAVVKESLL	56	3
>CDH1-P740: RRAVVKEPLL	465	>CDH1-P740: RRAVVKESLL	652	187
>CDH1-P740: RRRRAVVKEPL	248	>CDH1-P740: RRRRAVVKESL	746	498
>CDH1-P740: RRRRAVVKEPL	91	>CDH1-P740: RRRRAVVKESL	106	15
>CDH1-P740: RRRRAVVKEPL	246	>CDH1-P740: RRRRAVVKESL	141	105
>CDH1-P740: RRRRAVVKEPL	14	>CDH1-P740: RRRRAVVKESL	13	1
>CDH1-P740: RRRRAVVKEPL	72	>CDH1-P740: RRRRAVVKESL	67	5
>CDH1-P740: RRRRAVVKEP	135	>CDH1-P740: RRRRAVVKES	98	37
>CDH1-P740: RRRRAVVKEPL	17	>CDH1-P740: RRRRAVVKESL	17	0
>CDH1-P740: RRRRAVVKEPL	15	>CDH1-P740: RRRRAVVKESL	15	0
>CDH1-P740: RRRRAVVKEPL	27	>CDH1-P740: RRRRAVVKESL	26	1
>CDH1-P740: RRRRAVVKEPL	9	>CDH1-P740: RRRRAVVKESL	9	0
>CDH1-P740: LRRRAVVKEP	136	>CDH1-P740: LRRRAVVKES	149	13
>CDH1-P740: LRRRAVVKEP	231	>CDH1-P740: LRRRAVVKES	315	84
>CDH1-P740: LRRRAVVKEP	337	>CDH1-P740: LRRRAVVKES	471	134
>CDH1-P740: LRRRAVVKEP	158	>CDH1-P740: LRRRAVVKES	140	18
>CDH1-R598: RTIFFCERNPI	224	>CDH1-R598: QTIFFCERNPI	2999	2775
>CDH1-R598: RTIFFCER	27	>CDH1-R598: QTIFFCER	120	93
>CDH1-R598: RTIFFCERNPI	11	>CDH1-R598: QTIFFCERNPI	22	11
>CDH1-R598: RTIFFCERNPI	15	>CDH1-R598: QTIFFCERNPI	204	189
>CDH1-R598: RTIFFCER	8	>CDH1-R598: QTIFFCER	40	32
>CDH1-R598: RTIFFCERNPI	47	>CDH1-R598: QTIFFCERNPI	1167	1120
>CDH1-R598: RTIFFCER	157	>CDH1-R598: QTIFFCER	67	90
>CDH1-R598: RTIFFCER	8	>CDH1-R598: QTIFFCER	3	5
>CDH1-R598: RTIFFCERNPI	32	>CDH1-R598: QTIFFCERNPI	8	24
>CDH1-R598: RTIFFCERN	474	>CDH1-R598: QTIFFCERN	2012	1538
>CDH1-R598: RTIFFCER	159	>CDH1-R598: QTIFFCER	92	67
>CDH1-R598: RTIFFCERNPI	376	>CDH1-R598: QTIFFCERNPI	211	165
>CDH1-R598: RTIFFCER	54	>CDH1-R598: QTIFFCER	154	100
>CDH1-R598: PRTIFFCER	8330	>CDH1-R598: PQTIFFCER	395	7935
>CDH1-R598: PRTIFFCER	147	>CDH1-R598: PQTIFFCER	75	72
>CDH1-R598: EPRTIFFCER	248	>CDH1-R598: EPQTIFFCER	366	118
>CDH1-R598: EPRTIFFCER	204	>CDH1-R598: EPQTIFFCER	150	54
>CDH1-R598: PEPRTIFFCER	545	>CDH1-R598: PEPQTIFFCER	200	345
>CDH1-R598: IPEPRTIFF	19	>CDH1-R598: IPEPQTIFF	15	4
>CDH1-R598: IPEPRTIF	46	>CDH1-R598: IPEPQTIF	403	357

>CDH1-R598\IPEPRTIFF	163	>CDH1-R598\IPEPQTIFF	1541	1378
>CDH1-R598\IPEPRTIF	69	>CDH1-R598\IPEPQTIF	28	41
>CDH1-R598\IPEPRTIFF	71	>CDH1-R598\IPEPQTIFF	22	49
>CDH1-R598\IPEPRTIF	395	>CDH1-R598\IPEPQTIF	120	275
>CDH1-R598\IPEPRTIFF	391	>CDH1-R598\IPEPQTIFF	83	308
>CDH1-R598\IPEPRTIF	990	>CDH1-R598\IPEPQTIF	318	672
>CDH1-R598\IPEPRTIFF	908	>CDH1-R598\IPEPQTIFF	194	714
>CDH1-R598\IPEPRTIF	87	>CDH1-R598\IPEPQTIF	62	25
>CDH1-R598\IPEPRTIFF	30	>CDH1-R598\IPEPQTIFF	20	10
>CDH1-R598\APIPEPRTIF	479	>CDH1-R598\APIPEPQTIF	252	227
>CDH1-R598\APIPEPRTIFF	45	>CDH1-R598\APIPEPQTIFF	18	27
>CDH1-R598\APIPEPRTIF	165	>CDH1-R598\APIPEPQTIF	464	299
>CDH1-R598\APIPEPRTIF	99	>CDH1-R598\APIPEPQTIF	69	30
>CDH1-R598\APIPEPRTIFF	273	>CDH1-R598\APIPEPQTIFF	173	100
>CDH1-R598\APIPEPRTIF	559	>CDH1-R598\APIPEPQTIF	68	491
>CDH1-R598\APIPEPRTIFF	129	>CDH1-R598\APIPEPQTIFF	65	64
>CDH1-R598\APIPEPRTI	543	>CDH1-R598\APIPEPQTI	289	254
>CDH1-R598\APIPEPRTIFF	425	>CDH1-R598\APIPEPQTIFF	215	210
>CDH1-R598\APIPEPRTIF	239	>CDH1-R598\APIPEPQTIF	254	15
>CDH1-R598\APIPEPRTIFF	368	>CDH1-R598\APIPEPQTIFF	304	64
>CDH1-R598\APIPEPRTIFF	264	>CDH1-R598\APIPEPQTIFF	231	33
>CDH1-R598\NAPIPEPR	293	>CDH1-R598\NAPIPEPQ	15551	15258
>CDH1-R598\NAPIPEPRTIF	315	>CDH1-R598\NAPIPEPQTIF	312	3
>CDH1-R598\DNAPIPEPR	98	>CDH1-R598\DNAPIPEPQ	11876	11778
>CDH1-R774\RGLDARPEV	415	>CDH1-R774\KGLDARPEV	282	133
>CDH1-R774\RGLDARPEV	556	>CDH1-R774\KGLDARPEV	231	325
>CDH1-R774\RGLDARPEV	428	>CDH1-R774\KGLDARPEV	421	7
>CDH1-R774\RGLDARPEV	204	>CDH1-R774\KGLDARPEV	233	29
>CDH1-R774\RGLDARPEVT	124	>CDH1-R774\KGLDARPEVT	139	15
>CDH1-R774\RGLDARPEVT	101	>CDH1-R774\KGLDARPEVT	56	45
>CDH1-R774\HRGLDARPEV	497	>CDH1-R774\HKGLDARPEV	18133	17636
>CDH1-R774\QLHRGLDA	246	>CDH1-R774\QLHKGLDA	495	249
>CDH1-R774\SQLHRGLDAF	196	>CDH1-R774\SQLHKGLDAF	356	160
>CDH1-R774\SQLHRGLDA	466	>CDH1-R774\SQLHKGLDA	1017	551
>CDH1-R774\LSQLHRGLDA	117	>CDH1-R774\LSQLHKGLDA	160	43
>CDH1-R774\LSQLHRGL	124	>CDH1-R774\LSQLHKGL	88	36
>CDH1-R774\DFDLSQLHR	44	>CDH1-R774\DFDLSQLHK	1234	1190
>CDH1-R774\QDFDLSQLHF	120	>CDH1-R774\QDFDLSQLHK	3113	2993
>CDH1-S559I\STYTALIIA	462	>CDH1-S559I\NTYTALIIA	718	256
>CDH1-S559I\STYTALIIAT	227	>CDH1-S559I\NTYTALIIAT	502	275
>CDH1-S559I\STYTALII	395	>CDH1-S559I\NTYTALII	1200	805
>CDH1-S559I\STYTALIIA	273	>CDH1-S559I\NTYTALIIA	854	581
>CDH1-S559I\STYTALIIAT	142	>CDH1-S559I\NTYTALIIAT	343	201

>CDH1-S559I STYTALII	268	>CDH1-S559I NTYTALII	5913	5645
>CDH1-S559I STYTALIIA	86	>CDH1-S559I NTYTALIIA	3806	3720
>CDH1-S559I STYTALII	86	>CDH1-S559I NTYTALII	857	771
>CDH1-S559I STYTALII	450	>CDH1-S559I NTYTALII	185	265
>CDH1-S559I STYTALIIA	503	>CDH1-S559I NTYTALIIA	205	298
>CDH1-S559I STYTALIIAT	124	>CDH1-S559I NTYTALIIAT	85	39
>CDH1-S559I STYTALII	161	>CDH1-S559I NTYTALII	63	98
>CDH1-S559I STYTALIIA	772	>CDH1-S559I NTYTALIIA	294	478
>CDH1-S559I STYTALIIAT	951	>CDH1-S559I NTYTALIIAT	417	534
>CDH1-S559I STYTALII	36	>CDH1-S559I NTYTALII	486	450
>CDH1-S559I STYTALII	214	>CDH1-S559I NTYTALII	660	446
>CDH1-S559I STYTALII	9	>CDH1-S559I NTYTALII	22	13
>CDH1-S559I NSTYTALI	143	>CDH1-S559I NNTYTALI	1624	1481
>CDH1-S559I NSTYTALI	187	>CDH1-S559I NNTYTALI	4469	4282
>CDH1-S559I NSTYTALI	68	>CDH1-S559I NNTYTALI	2260	2192
>CDH1-S559I NSTYTALII	99	>CDH1-S559I NNTYTALII	2911	2812
>CDH1-S559I KNSTYTAL	116	>CDH1-S559I KNNTYTAL	350	234
>CDH1-S559I KNSTYTALI	372	>CDH1-S559I KNNTYTALI	266	106
>CDH1-S559I KNSTYTAL	356	>CDH1-S559I KNNTYTAL	432	76
>CDH1-S559I KNSTYTALI	269	>CDH1-S559I KNNTYTALI	440	171
>CDH1-S559I KNSTYTALI	482	>CDH1-S559I KNNTYTALI	523	41
>CDH1-S559I VKNSTYTALI	434	>CDH1-S559I VKNNTYTALI	358	76
>CDH1-S559I VKNSTYTA	137	>CDH1-S559I VKNNTYTA	240	103
>CDH1-S559I VKNSTYTAL	5	>CDH1-S559I VKNNTYTAL	7	2
>CDH1-S559I VKNSTYTALI	47	>CDH1-S559I VKNNTYTALI	68	21
>CDH1-S559I VKNSTYTALII	14	>CDH1-S559I VKNNTYTALII	19	5
>CDH1-S559I VKNSTYTAL	225	>CDH1-S559I VKNNTYTAL	597	372
>CDH1-S559I HVKNSTYTAL	166	>CDH1-S559I HVKNNTYTAI	246	80
>CDH1-S559I HVKNSTYTY	100	>CDH1-S559I HVKNNTYT	184	84
>CDH1-S559I HVKNSTYTA	8	>CDH1-S559I HVKNNTYTA	10	2
>CDH1-S559I HVKNSTYTAL	18	>CDH1-S559I HVKNNTYTAI	23	5
>CDH1-S559I HVKNSTYTAL	6	>CDH1-S559I HVKNNTYTAI	7	1
>CDH1-S559I HVKNSTYTAL	923	>CDH1-S559I HVKNNTYTAI	453	470
>CDH1-S559I HVKNSTYTAL	682	>CDH1-S559I HVKNNTYTAI	389	293
>CDH1-S559I HVKNSTYTA	258	>CDH1-S559I HVKNNTYTA	262	4
>CDH1-S559I HVKNSTYTAL	74	>CDH1-S559I HVKNNTYTAI	75	1
>CDH1-S559I HVKNSTYTAL	352	>CDH1-S559I HVKNNTYTAI	785	433
>CDH1-S559I EHVKNSTY	908	>CDH1-S559I EHVKNNTY	327	581
>CDH1-S559I EHVKNSTY	353	>CDH1-S559I EHVKNNTY	640	287
>CDH1-S559I EHVKNSTYTA	382	>CDH1-S559I EHVKNNTYT/	463	81
>CDH1-S559I EHVKNSTYTA	270	>CDH1-S559I EHVKNNTYT/	233	37
>CDH1-S559I EHVKNSTYTA	29	>CDH1-S559I EHVKNNTYT/	39	10
>CDH1-S559I FEHVKNSTY	420	>CDH1-S559I FEHVKNNTY	1114	694

>CDH1-S559IFEHVKNSTY	109	>CDH1-S559IFEHVKNNTY	315	206
>CDH1-S559IFEHVKNSTY	121	>CDH1-S559IFEHVKNNTY	262	141
>CDH1-S559IFEHVKNSTY	126	>CDH1-S559IFEHVKNNTY	194	68
>CDH1-S559IFEHVKNST	145	>CDH1-S559IFEHVKNNT	348	203
>CDH1-S559IFEHVKNSTYT	351	>CDH1-S559IFEHVKNNTYT	488	137
>CDH1-S559IFEHVKNSTYT	102	>CDH1-S559IFEHVKNNTYT	101	1
>CDH1-S559IFEHVKNSTYT	74	>CDH1-S559IFEHVKNNTYT	85	11
>CDH1-S559IDFEHVKNSTY	300	>CDH1-S559IDFEHVKNNT`	522	222
>CDH1-S559IDFEHVKNST	557	>CDH1-S559IDFEHVKNNT`	276	281
>CDH1-S838(GSGSEAASSL	351	>CDH1-S838(GGSEAASSL	327	24
>CDH1-S838(GSGSEAAASL	170	>CDH1-S838(GGGSEAAASL	15811	15641
>CDH1-S838(YEGSGSEAAAS	285	>CDH1-S838(YEGGGSEAAAS	124	161
>CDH1-S838(YEGSGSEAAAS	214	>CDH1-S838(YEGGGSEAAAS	199	15
>CDH1-S838(YEGSGSEAAAS	29	>CDH1-S838(YEGGGSEAAAS	16	13
>CDH1-S838(YEGSGSEAAAS	703	>CDH1-S838(YEGGGSEAAAS	467	236
>CDH1-S838(YEGSGSEAA	187	>CDH1-S838(YEGGGSEAA	134	53
>CDH1-S838(YEGSGSEAA	83	>CDH1-S838(YEGGGSEAA	53	30
>CDH1-S838(YEGSGSEAA	424	>CDH1-S838(YEGGGSEAA	1735	1311
>CDH1-S838(YEGSGSEAAAS	39	>CDH1-S838(YEGGGSEAAAS	145	106
>CDH1-S838(FDYEGSGSEAA	466	>CDH1-S838(FDYEGGGSEAA	719	253
>CDH1-S846`SSLNSSESDK	426	>CDH1-S846`TSLNSSESDK	817	391
>CDH1-S846`SSLNSSESDK	30	>CDH1-S846`TSLNSSESDK	55	25
>CDH1-S846`SSLNSSESDK	370	>CDH1-S846`TSLNSSESDK	1634	1264
>CDH1-S846`SSLNSSESDK	620	>CDH1-S846`TSLNSSESDK	344	276
>CDH1-S846`SSLNSSESDK	140	>CDH1-S846`TSLNSSESDK	408	268
>CDH1-S846`LSSLNSSESDK	321	>CDH1-S846`LTSLNSSESDK	119	202
>CDH1-S846`LSSLNSSESDK	316	>CDH1-S846`LTSLNSSESDK	51	265
>CDH1-S846`SLSSLNSS	128	>CDH1-S846`SLTSLNSS	703	575
>CDH1-S846`SLSSLNSS	498	>CDH1-S846`SLTSLNSS	2102	1604
>CDH1-S846`EAASLSSLN	463	>CDH1-S846`EAASLTSLN	271	192
>CDH1-S846`EAASLSSL	23	>CDH1-S846`EAASLTSL	19	4
>CDH1-S846`EAASLSSLNS	291	>CDH1-S846`EAASLTSLNS	208	83
>CDH1-S846`EAASLSSL	69	>CDH1-S846`EAASLTSL	54	15
>CDH1-S846`SEAASLSSL	78	>CDH1-S846`SEAASLTSL	75	3
>CDH1-S846`SEAASLSSL	48	>CDH1-S846`SEAASLTSL	71	23
>CDH1-S846`SEAASLSSL	468	>CDH1-S846`SEAASLTSL	525	57
>CDH1-S846`SEAASLSSL	205	>CDH1-S846`SEAASLTSL	406	201
>CDH1-S846`SEAASLSSL	33	>CDH1-S846`SEAASLTSL	29	4
>CDH1-S846`SEAASLSSL	47	>CDH1-S846`SEAASLTSL	38	9
>CDH1-S846`SEAASLSSL	376	>CDH1-S846`SEAASLTSL	491	115
>CDH1-S846`SEAASLSS	148	>CDH1-S846`SEAASLTS	118	30
>CDH1-S846`SEAASLSSL	280	>CDH1-S846`SEAASLTSL	208	72
>CDH1-S846`SEAASLSSLN	371	>CDH1-S846`SEAASLTSLN	453	82

>CDH1-S846` SEAASLSSLNS	226	>CDH1-S846` SEAASLTLNSL	226	0
>CDH1-S846` SEAASLSSL	15	>CDH1-S846` SEAASLTL	15	0
>CDH1-S846` GSEAASLSSL	28	>CDH1-S846` GSEAASLTL	42	14
>CDH1-S846` GSEAASLSSL	441	>CDH1-S846` GSEAASLTL	532	91
>CDH1-S846` GSEAASLSSL	108	>CDH1-S846` GSEAASLTL	206	98
>CDH1-S846` SGSEAASLSSI	351	>CDH1-S846` SGSEAASLTSI	1181	830
>CDH1-S851I SESDKDQDY	1925	>CDH1-S851I LESDKDQDY	434	1491
>CDH1-S851I SESDKDQDYI	499	>CDH1-S851I LESDKDQDYI	125	374
>CDH1-S851I SESDKDQDY	99	>CDH1-S851I LESDKDQDY	157	58
>CDH1-S851I SESDKDQDYI	125	>CDH1-S851I LESDKDQDYI	213	88
>CDH1-S851I SESDKDQDY	153	>CDH1-S851I LESDKDQDY	320	167
>CDH1-S851I SESDKDQDYI	139	>CDH1-S851I LESDKDQDYI	288	149
>CDH1-S851I SSESDKDQDY	23	>CDH1-S851I SLESDKDQDY	80	57
>CDH1-S851I SSESDKDQDY	194	>CDH1-S851I SLESDKDQDY	432	238
>CDH1-S851I SSESDKDQDY	8869	>CDH1-S851I SLESDKDQDY	371	8498
>CDH1-S851I EAASLSSLNSL	291	>CDH1-S851I EAASLSSLNSL	16	275
>CDH1-S851I EAASLSSLNSL	7205	>CDH1-S851I EAASLSSLNSL	56	7149
>CDH1-S851I NSSESDKDQI	148	>CDH1-S851I NSLESDKDQI	66	82
>CDH1-S851I NSSESDKDQI	443	>CDH1-S851I NSLESDKDQI	722	279
>CDH1-S851I SLNSSESDK	102	>CDH1-S851I SLNSLESDK	177	75
>CDH1-S851I SLNSSESDK	105	>CDH1-S851I SLNSLESDK	139	34
>CDH1-S851I SSLNSSESDK	426	>CDH1-S851I SSLNSLESDK	518	92
>CDH1-S851I SSLNSSESDK	30	>CDH1-S851I SSLNSLESDK	26	4
>CDH1-S851I SSLNSSESDK	370	>CDH1-S851I SSLNSLESDK	826	456
>CDH1-S851I SSLNSSESDK	140	>CDH1-S851I SSLNSLESDK	141	1
>CDH1-S851I LSSLNSSESDK	321	>CDH1-S851I LSSLNSLESDK	246	75
>CDH1-S851I LSSLNSSESDK	316	>CDH1-S851I LSSLNSLESDK	588	272
>CDH1-S851I SLSSLNSS	7871	>CDH1-S851I SLSSLNSL	57	7814
>CDH1-S851I SLSSLNSS	128	>CDH1-S851I SLSSLNSL	3	125
>CDH1-S851I SLSSLNSS	498	>CDH1-S851I SLSSLNSL	12	486
>CDH1-S851I SLSSLNSS	6642	>CDH1-S851I SLSSLNSL	462	6180
>CDH1-S851I SLSSLNSS	4756	>CDH1-S851I SLSSLNSL	39	4717
>CDH1-S851I SLSSLNSS	10471	>CDH1-S851I SLSSLNSL	55	10416
>CDH1-S851I SLSSLNSS	7837	>CDH1-S851I SLSSLNSL	32	7805
>CDH1-S851I SLSSLNSS	19342	>CDH1-S851I SLSSLNSL	301	19041
>CDH1-S851I SLSSLNSS	1668	>CDH1-S851I SLSSLNSL	4	1664
>CDH1-S851I ASLSSLNSS	14099	>CDH1-S851I ASLSSLNSL	283	13816
>CDH1-S851I ASLSSLNSS	2129	>CDH1-S851I ASLSSLNSL	38	2091
>CDH1-S851I ASLSSLNSS	5491	>CDH1-S851I ASLSSLNSL	20	5471
>CDH1-S851I ASLSSLNSS	2494	>CDH1-S851I ASLSSLNSL	80	2414
>CDH1-S851I AASLSSLNSS	11151	>CDH1-S851I AASLSSLNSL	340	10811
>CDH1-S851I AASLSSLNSS	9513	>CDH1-S851I AASLSSLNSL	482	9031
>CDH1-S851I AASLSSLNSS	10023	>CDH1-S851I AASLSSLNSL	421	9602

>CDH1-S851IAASLSSLNSS	8363	>CDH1-S851IAASLSSLNSL	67	8296
>CDH1-T193IITGQGADTPF	248	>CDH1-T193IIPGQGADTPF	10982	10734
>CDH1-T193IITGQGADTPF	98	>CDH1-T193IIPGQGADTPF	11671	11573
>CDH1-T193IITGQGADTPF	164	>CDH1-T193IIPGQGADTPF	12508	12344
>CDH1-T193IITGQGADTPF	138	>CDH1-T193IIPGQGADTPF	12663	12525
>CDH1-T193IITGQGADTPF	70	>CDH1-T193IIPGQGADTPF	1364	1294
>CDH1-T193IITGQGADTPF	18329	>CDH1-T193IIPGQGADTPF	75	18254
>CDH1-T193IITGQGADTPF	18569	>CDH1-T193IIPGQGADTPF	491	18078
>CDH1-T193IITGQGADTPF	27209	>CDH1-T193IIPGQGADTPF	438	26771
>CDH1-T193IYSITGQGA	1004	>CDH1-T193IYSIPGQGA	356	648
>CDH1-T193IYSITGQGA	2374	>CDH1-T193IYSIPGQGA	414	1960
>CDH1-T193IKVFYSITGQG	145	>CDH1-T193IKVFYSIPGQG	314	169
>CDH1-T193IKVFYSITGQG	120	>CDH1-T193IKVFYSIPGQG	122	2
>CDH1-T193IKVFYSITG	137	>CDH1-T193IKVFYSIPG	37	100
>CDH1-T193IKVFYSITGQ	1467	>CDH1-T193IKVFYSIPGQ	127	1340
>CDH1-T193IKVFYSITGQG	886	>CDH1-T193IKVFYSIPGQG	445	441
>CDH1-T193IKVFYSITGQG	63	>CDH1-T193IKVFYSIPGQG	53	10
>CDH1-T193IKVFYSITG	87	>CDH1-T193IKVFYSIPG	218	131
>CDH1-T193IKEGKVFYSITG	632	>CDH1-T193IKEGKVFYSIPG	414	218
>CDH1-T295ITYNAAIAYTI	4	>CDH1-T295IINYNAAIAYTI	8	4
>CDH1-T295ITYNAAIAYTIL	15	>CDH1-T295IINYNAAIAYTIL	42	27
>CDH1-T295ITYNAAIAYTI	132	>CDH1-T295IINYNAAIAYTI	192	60
>CDH1-T295ITYNAAIAYTI	112	>CDH1-T295IINYNAAIAYTI	137	25
>CDH1-T295ITYNAAIAYTIL	898	>CDH1-T295IINYNAAIAYTIL	484	414
>CDH1-T295ITYNAAIAYTI	14	>CDH1-T295IINYNAAIAYTI	18	4
>CDH1-T295ITYNAAIAYTIL	32	>CDH1-T295IINYNAAIAYTIL	50	18
>CDH1-T295ITYNAAIAY	92	>CDH1-T295IINYNAAIAY	82	10
>CDH1-T295ITYNAAIAY	163	>CDH1-T295IINYNAAIAY	71	92
>CDH1-T295ITYNAAIAYTI	308	>CDH1-T295IINYNAAIAYTI	214	94
>CDH1-T295ITYNAAIAY	482	>CDH1-T295IINYNAAIAY	411	71
>CDH1-T295ITYNAAIAY	489	>CDH1-T295IINYNAAIAY	399	90
>CDH1-T295ITYNAAIAY	556	>CDH1-T295IINYNAAIAY	247	309
>CDH1-T295ITYNAAIAY	187	>CDH1-T295IINYNAAIAY	273	86
>CDH1-T295INTYNAAIAYT	210	>CDH1-T295INIYNAAIAYTI	992	782
>CDH1-T295INTYNAAIAYT	1202	>CDH1-T295INIYNAAIAYT	401	801
>CDH1-T295INTYNAAIAYT	2139	>CDH1-T295INIYNAAIAYTI	439	1700
>CDH1-T295INTYNAAIAYT	284	>CDH1-T295INIYNAAIAYT	136	148
>CDH1-T295INTYNAAIAYT	776	>CDH1-T295INIYNAAIAYTI	315	461
>CDH1-T295INTYNAAIA	1129	>CDH1-T295INIYNAAIA	173	956
>CDH1-T295INTYNAAIAYT	107	>CDH1-T295INIYNAAIAYT	56	51
>CDH1-T295INTYNAAIAYT	630	>CDH1-T295INIYNAAIAYTI	89	541
>CDH1-T295INTYNAAIAYT	220	>CDH1-T295INIYNAAIAYTI	129	91
>CDH1-T295INTYNAAIAYT	1592	>CDH1-T295INIYNAAIAYT	412	1180

>CDH1-T295 NTYNAAIAYT	291	>CDH1-T295 NIYNAAIAYTI	61	230
>CDH1-T295 NTYNAAIAYT	509	>CDH1-T295 NIYNAAIAYTI	91	418
>CDH1-T295 NTYNAAIAYT	2987	>CDH1-T295 NIYNAAIAYTI	499	2488
>CDH1-T295 NTYNAAIAY	596	>CDH1-T295 NIYNAAIAY	418	178
>CDH1-T295 NTYNAAIAY	283	>CDH1-T295 NIYNAAIAY	1164	881
>CDH1-T295 NTYNAAIAY	34	>CDH1-T295 NIYNAAIAY	283	249
>CDH1-T295 NTYNAAIAY	63	>CDH1-T295 NIYNAAIAY	580	517
>CDH1-T295 NTYNAAIAY	63	>CDH1-T295 NIYNAAIAY	895	832
>CDH1-T295 NTYNAAIAY	50	>CDH1-T295 NIYNAAIAY	78	28
>CDH1-T295 NTYNAAIAY	399	>CDH1-T295 NIYNAAIAY	892	493
>CDH1-T295 NTYNAAIAY	449	>CDH1-T295 NIYNAAIAY	1452	1003
>CDH1-T295 NTYNAAIAYT	16	>CDH1-T295 NIYNAAIAYTI	26	10
>CDH1-T295 NTYNAAIAY	39	>CDH1-T295 NIYNAAIAY	329	290
>CDH1-T295 NTYNAAIA	130	>CDH1-T295 NIYNAAIA	1200	1070
>CDH1-T295 NTYNAAIAYT	20	>CDH1-T295 NIYNAAIAYT	93	73
>CDH1-T295 NTYNAAIAYT	12	>CDH1-T295 NIYNAAIAYTI	54	42
>CDH1-T295 NTYNAAIA	160	>CDH1-T295 NIYNAAIA	792	632
>CDH1-T295 NTYNAAIAYT	68	>CDH1-T295 NIYNAAIAYT	313	245
>CDH1-T295 NTYNAAIAYT	8	>CDH1-T295 NIYNAAIAYTI	19	11
>CDH1-T295 NTYNAAIAY	158	>CDH1-T295 NIYNAAIAY	143	15
>CDH1-T295 NTYNAAIAY	185	>CDH1-T295 NIYNAAIAY	69	116
>CDH1-T295 NTYNAAIAY	102	>CDH1-T295 NIYNAAIAY	287	185
>CDH1-T295 NTYNAAIAY	10	>CDH1-T295 NIYNAAIAY	1792	1782
>CDH1-T295 NTYNAAIAYT	102	>CDH1-T295 NIYNAAIAYTI	14442	14340
>CDH1-T295 NTYNAAIAY	373	>CDH1-T295 NIYNAAIAY	1654	1281
>CDH1-T295 NTYNAAIAY	26	>CDH1-T295 NIYNAAIAY	24	2
>CDH1-T295 NTYNAAIAY	70	>CDH1-T295 NIYNAAIAY	2999	2929
>CDH1-T295 NTYNAAIAYT	305	>CDH1-T295 NIYNAAIAYTI	8097	7792
>CDH1-T295 NTYNAAIAY	64	>CDH1-T295 NIYNAAIAY	30	34
>CDH1-T295 NTYNAAIAYT	16	>CDH1-T295 NIYNAAIAYTI	1282	1266
>CDH1-T295 TATDADDDV	3705	>CDH1-T295 TATDADDDV	113	3592
>CDH1-T295 VNTYNAAI	4032	>CDH1-T295 VNIYNAAI	409	3623
>CDH1-T295 VNTYNAAIAY	705	>CDH1-T295 VNIYNAAIAY	393	312
>CDH1-T295 VNTYNAAIAY	694	>CDH1-T295 VNIYNAAIAY	178	516
>CDH1-T295 DVNTYNAAIA	130	>CDH1-T295 DVNIYNAAIA	236	106
>CDH1-T295 DVNTYNAAIA	20	>CDH1-T295 DVNIYNAAIA	105	85
>CDH1-T295 DVNTYNAAIA	231	>CDH1-T295 DVNIYNAAIA	855	624
>CDH1-T295 DVNTYNAAIA	313	>CDH1-T295 DVNIYNAAIA	311	2
>CDH1-T295 DVNTYNAAIA	349	>CDH1-T295 DVNIYNAAIA	350	1
>CDH1-T295 DVNTYNAA	175	>CDH1-T295 DVNIYNAA	222	47
>CDH1-T295 DVNTYNAAI	31	>CDH1-T295 DVNIYNAAI	74	43
>CDH1-T295 DVNTYNAAI	79	>CDH1-T295 DVNIYNAAI	73	6
>CDH1-T295 DVNTYNAAIA	29	>CDH1-T295 DVNIYNAAIA	34	5

>CDH1-T295 DDVNTYNAA	312	>CDH1-T295 DDVNIYNAAI	725	413
>CDH1-T295 DDDVENTYNA	149	>CDH1-T295 DDDVNIYNAAI	149	0
>CDH1-T295 DADDDVNTY	388	>CDH1-T295 DADDDVNIY	382	6
>CDH1-T295 DADDDVNTY	476	>CDH1-T295 DADDDVNIYI	847	371
>CDH1-T295 DADDDVNTY	52	>CDH1-T295 DADDDVNIY	190	138
>CDH1-T295 TDADDDVNT	13209	>CDH1-T295 TDADDDVNI	253	12956
>CDH1-T295 TDADDDVNT	8309	>CDH1-T295 TDADDDVNI	95	8214
>CDH1-T295 ATDADDDVN	12	>CDH1-T295 ATDADDDVN	12	0
>CDH1-T295 ATDADDDVN	160	>CDH1-T295 ATDADDDVN	188	28
>CDH1-T295 ATDADDDVN	68	>CDH1-T295 ATDADDDVN	327	259
>CDH1-T295 ATDADDDVN	182	>CDH1-T295 ATDADDDVN	253	71
>CDH1-T295 ATDADDDVN	458	>CDH1-T295 ATDADDDVN	618	160
>CDH1-T330 TTGLDRESF	1662	>CDH1-T330 ITGLDRESF	256	1406
>CDH1-T330 TTGLDRESF	794	>CDH1-T330 ITGLDRESF	225	569
>CDH1-T330 VTTGLDRESF	374	>CDH1-T330 VITGLDRESF	1099	725
>CDH1-T330 VTTGLDRESF	32	>CDH1-T330 VITGLDRESF	5574	5542
>CDH1-T330 VTTGLDRESF	484	>CDH1-T330 VITGLDRESF	9338	8854
>CDH1-T330 VTTGLDRESF	379	>CDH1-T330 VITGLDRESF	4861	4482
>CDH1-T330 VTTGLDRESF	42	>CDH1-T330 VITGLDRESF	1154	1112
>CDH1-T330 NRNTGVISVV	2341	>CDH1-T330 NRNTGVISVV	56	2285
>CDH1-T330 VVTTGLDRES	221	>CDH1-T330 VVITGLDRESI	14	207
>CDH1-T330 VVTTGLDR	679	>CDH1-T330 VVITGLDR	387	292
>CDH1-T330 VVTTGLDRES	4198	>CDH1-T330 VVITGLDRESI	310	3888
>CDH1-T330 VVTTGLDRES	289	>CDH1-T330 VVITGLDRESI	525	236
>CDH1-T330 SVVTTGLDR	372	>CDH1-T330 SVVITGLDR	621	249
>CDH1-T330 SVVTTGLDR	234	>CDH1-T330 SVVITGLDR	253	19
>CDH1-T330 ISVTTGL	163	>CDH1-T330 ISVITGL	162	1
>CDH1-T330 ISVTTGLDR	384	>CDH1-T330 ISVITGLDR	477	93
>CDH1-T330 ISVTTGLDR	738	>CDH1-T330 ISVITGLDR	393	345
>CDH1-T330 ISVTTGLDR	101	>CDH1-T330 ISVITGLDR	58	43
>CDH1-T330 ISVTTGL	8	>CDH1-T330 ISVITGL	11	3
>CDH1-T330 ISVTTGL	382	>CDH1-T330 ISVITGL	853	471
>CDH1-T330 VISVTTGL	39	>CDH1-T330 VISVITGL	53	14
>CDH1-T330 VISVTTGL	130	>CDH1-T330 VISVITGL	94	36
>CDH1-T330 VISVTTGL	280	>CDH1-T330 VISVITGL	177	103
>CDH1-T330 VISVTTGL	1017	>CDH1-T330 VISVITGL	170	847
>CDH1-T330 VISVTTGL	673	>CDH1-T330 VISVITGL	276	397
>CDH1-T330 VISVTTGL	181	>CDH1-T330 VISVITGL	56	125
>CDH1-T330 VISVTTGLDI	336	>CDH1-T330 VISVITGLDR	390	54
>CDH1-T330 GVISVTTGL	103	>CDH1-T330 GVISVITGL	104	1
>CDH1-T330 GVISVTTGL	153	>CDH1-T330 GVISVITGL	160	7
>CDH1-T330 GVISVTTGL	680	>CDH1-T330 GVISVITGL	330	350
>CDH1-T330 GVISVTTGL	475	>CDH1-T330 GVISVITGL	151	324



>CDH1-T330 NTGVISVVT	14668	>CDH1-T330 NTGVISVVI	362	14306
>CDH1-T330 NTGVISVVT	2188	>CDH1-T330 NTGVISVVI	67	2121
>CDH1-T330 NTGVISVVT	33253	>CDH1-T330 NTGVISVVI	79	33174
>CDH1-T340, TYTLVVQAAE	157	>CDH1-T340, AYTLVVQAAE	319	162
>CDH1-T340, TYTLVVQAAE	36	>CDH1-T340, AYTLVVQAAE	28	8
>CDH1-T340, TTGLDRESFP	3108	>CDH1-T340, TTGLDRESFP,	208	2900
>CDH1-T340, FPTYTLVV	875	>CDH1-T340, FPAYTLVV	192	683
>CDH1-T340, FPTYTLVV	88	>CDH1-T340, FPAYTLVV	33	55
>CDH1-T340, FPTYTLVVQA	204	>CDH1-T340, FPAYTLVVQA	46	158
>CDH1-T340, FPTYTLVV	185	>CDH1-T340, FPAYTLVV	106	79
>CDH1-T340, FPTYTLVVQ	463	>CDH1-T340, FPAYTLVVQ	214	249
>CDH1-T340, FPTYTLVVQA	227	>CDH1-T340, FPAYTLVVQA	225	2
>CDH1-T340, FPTYTLVVQA	89	>CDH1-T340, FPAYTLVVQA	45	44
>CDH1-T340, FPTYTLVV	775	>CDH1-T340, FPAYTLVV	151	624
>CDH1-T340, FPTYTLVV	171	>CDH1-T340, FPAYTLVV	114	57
>CDH1-T340, FPTYTLVV	96	>CDH1-T340, FPAYTLVV	120	24
>CDH1-T340, FPTYTLVV	9	>CDH1-T340, FPAYTLVV	7	2
>CDH1-T340, FPTYTLVVQ	17	>CDH1-T340, FPAYTLVVQ	15	2
>CDH1-T340, FPTYTLVVQA	5	>CDH1-T340, FPAYTLVVQA	5	0
>CDH1-T340, FPTYTLVVQA	4	>CDH1-T340, FPAYTLVVQA	4	0
>CDH1-T340, FPTYTLVVQA	1538	>CDH1-T340, FPAYTLVVQA	360	1178
>CDH1-T340, FPTYTLVV	268	>CDH1-T340, FPAYTLVV	198	70
>CDH1-T340, FPTYTLVVQA	353	>CDH1-T340, FPAYTLVVQA	265	88
>CDH1-T340, SFPTYTLV	1261	>CDH1-T340, SFPAYTLV	426	835
>CDH1-T340, SFPTYTLVV	841	>CDH1-T340, SFPAYTLVV	476	365
>CDH1-T340, SFPTYTLVV	416	>CDH1-T340, SFPAYTLVV	257	159
>CDH1-T340, SFPTYTLV	404	>CDH1-T340, SFPAYTLV	541	137
>CDH1-T340, SFPTYTLVV	416	>CDH1-T340, SFPAYTLVV	505	89
>CDH1-T340, ESFPTYTLV	304	>CDH1-T340, ESFPAYTLV	252	52
>CDH1-T340, ESFPTYTL	138	>CDH1-T340, ESFPAYTL	262	124
>CDH1-T340, ESFPTYTLVVC	188	>CDH1-T340, ESFPAYTLVVC	190	2
>CDH1-T340, ESFPTYTL	13	>CDH1-T340, ESFPAYTL	10	3
>CDH1-T340, ESFPTYTLV	6	>CDH1-T340, ESFPAYTLV	5	1
>CDH1-T340, ESFPTYTLVV	71	>CDH1-T340, ESFPAYTLVV	51	20
>CDH1-T340, ESFPTYTL	85	>CDH1-T340, ESFPAYTL	90	5
>CDH1-T340, ESFPTYTLV	17	>CDH1-T340, ESFPAYTLV	16	1
>CDH1-T340, ESFPTYTLVV	29	>CDH1-T340, ESFPAYTLVV	23	6
>CDH1-T340, ESFPTYTL	259	>CDH1-T340, ESFPAYTL	439	180
>CDH1-T340, ESFPTYTLV	490	>CDH1-T340, ESFPAYTLV	1006	516
>CDH1-T340, ESFPTYTLVV	229	>CDH1-T340, ESFPAYTLVV	390	161
>CDH1-T340, ESFPTYTL	16	>CDH1-T340, ESFPAYTL	13	3
>CDH1-T340, ESFPTYTLVV	352	>CDH1-T340, ESFPAYTLVV	410	58
>CDH1-T340, ESFPTYTLV	137	>CDH1-T340, ESFPAYTLV	344	207

>CDH1-T340,ESFPTYTL	89	>CDH1-T340,ESFPAYTL	100	11
>CDH1-T340,ESFPTYTLV	339	>CDH1-T340,ESFPAYTLV	370	31
>CDH1-T340,RESFPTYTL	42	>CDH1-T340,RESFPAYTL	113	71
>CDH1-T340,RESFPTYTL	7	>CDH1-T340,RESFPAYTL	5	2
>CDH1-T340,RESFPTYTLV\	24	>CDH1-T340,RESFPAYTLV\	18	6
>CDH1-T340,RESFPTYTL	122	>CDH1-T340,RESFPAYTL	247	125
>CDH1-T340,RESFPTYTLV	74	>CDH1-T340,RESFPAYTLV	65	9
>CDH1-T340,RESFPTYTLV\	162	>CDH1-T340,RESFPAYTLV\	207	45
>CDH1-T340,RESFPTYTLV	773	>CDH1-T340,RESFPAYTLV	462	311
>CDH1-T340,RESFPTYTLV	541	>CDH1-T340,RESFPAYTLV	399	142
>CDH1-T340,RESFPTYT	187	>CDH1-T340,RESFPAYT	146	41
>CDH1-T340,RESFPTYTLV	144	>CDH1-T340,RESFPAYTLV	82	62
>CDH1-T340,RESFPTYTLV\	78	>CDH1-T340,RESFPAYTLV\	65	13
>CDH1-T340,RESFPTYTL	232	>CDH1-T340,RESFPAYTL	242	10
>CDH1-T340,RESFPTYTL	18	>CDH1-T340,RESFPAYTL	66	48
>CDH1-T340,RESFPTYTLV	17	>CDH1-T340,RESFPAYTLV	25	8
>CDH1-T340,RESFPTYTLV\	14	>CDH1-T340,RESFPAYTLV\	28	14
>CDH1-T340,DRESFPTYTL	303	>CDH1-T340,DRESFPAYTL	197	106
>CDH1-T340,LDRESFPTY	262	>CDH1-T340,LDRESFPAY	175	87
>CDH1-T340,LDRESFPTY	204	>CDH1-T340,LDRESFPAY	106	98
>CDH1-T340,LDRESFPTY	429	>CDH1-T340,LDRESFPAY	298	131
>CDH1-T340,LDRESFPTY	941	>CDH1-T340,LDRESFPAY	382	559
>CDH1-T340,LDRESFPTYTL	361	>CDH1-T340,LDRESFPAYTI	321	40
>CDH1-T340,GLDRESFPT	560	>CDH1-T340,GLDRESFPA	62	498
>CDH1-T340,GLDRESFPTY	718	>CDH1-T340,GLDRESFPAY	493	225
>CDH1-T340,GLDRESFPT	1352	>CDH1-T340,GLDRESFPA	164	1188
>CDH1-T340,GLDRESFPT	692	>CDH1-T340,GLDRESFPA	77	615
>CDH1-T340,GLDRESFPT	226	>CDH1-T340,GLDRESFPA	30	196
>CDH1-T340,GLDRESFPTY	66	>CDH1-T340,GLDRESFPAY	39	27
>CDH1-T340,GLDRESFPT	80	>CDH1-T340,GLDRESFPA	9	71
>CDH1-T340,GLDRESFPTY	319	>CDH1-T340,GLDRESFPAY	92	227
>CDH1-T340,GLDRESFPT	141	>CDH1-T340,GLDRESFPA	14	127
>CDH1-T340,GLDRESFPTY	185	>CDH1-T340,GLDRESFPAY	180	5
>CDH1-T340,GLDRESFPT	352	>CDH1-T340,GLDRESFPA	37	315
>CDH1-T340,GLDRESFPTY	229	>CDH1-T340,GLDRESFPAY	177	52
>CDH1-T340,TGLDRESFPT	354	>CDH1-T340,TGLDRESFPA	341	13
>CDH1-T340,TGLDRESFPT	466	>CDH1-T340,TGLDRESFPA	238	228
>CDH1-T340,TGLDRESFPT	495	>CDH1-T340,TGLDRESFPA	1794	1299
>CDH1-T340ITYTLVVQAAE	157	>CDH1-T340IMYTLVVQAA	1005	848
>CDH1-T340ITYTLVVQA	1628	>CDH1-T340IMYTLVVQA	489	1139
>CDH1-T340ITYTLVVQAAE	36	>CDH1-T340IMYTLVVQAA	15	21
>CDH1-T340ITYTLVVQA	2900	>CDH1-T340IMYTLVVQA	455	2445
>CDH1-T340ITYTLVVQAA	1437	>CDH1-T340IMYTLVVQAA	235	1202

>CDH1-T340IPTYTLVVQA	4397	>CDH1-T340IPMYTLVVQA	176	4221
>CDH1-T340IPTYTLVVQA	5140	>CDH1-T340IPMYTLVVQA	28	5112
>CDH1-T340IPTYTLVVQAA	3827	>CDH1-T340IPMYTLVVQA	20	3807
>CDH1-T340IPTYTLVVQA	9026	>CDH1-T340IPMYTLVVQA	69	8957
>CDH1-T340IPTYTLVVQAA	12315	>CDH1-T340IPMYTLVVQA	134	12181
>CDH1-T340IPTYTLVVQA	19856	>CDH1-T340IPMYTLVVQA	69	19787
>CDH1-T340IPTYTLVVQAA	23080	>CDH1-T340IPMYTLVVQA	190	22890
>CDH1-T340IFPTYTLVV	3518	>CDH1-T340IFPMYTLVV	321	3197
>CDH1-T340IFPTYTLVV	875	>CDH1-T340IFPMYTLVV	109	766
>CDH1-T340IFPTYTLVV	88	>CDH1-T340IFPMYTLVV	19	69
>CDH1-T340IFPTYTLVVQA	204	>CDH1-T340IFPMYTLVVQ	32	172
>CDH1-T340IFPTYTLVV	3033	>CDH1-T340IFPMYTLVV	264	2769
>CDH1-T340IFPTYTLVVQA	4194	>CDH1-T340IFPMYTLVVQ	378	3816
>CDH1-T340IFPTYTLVV	185	>CDH1-T340IFPMYTLVV	114	71
>CDH1-T340IFPTYTLVVQ	463	>CDH1-T340IFPMYTLVVQ	252	211
>CDH1-T340IFPTYTLVVQA	227	>CDH1-T340IFPMYTLVVQ	83	144
>CDH1-T340IFPTYTLVVQA	89	>CDH1-T340IFPMYTLVVQ	50	39
>CDH1-T340IFPTYTLVV	775	>CDH1-T340IFPMYTLVV	43	732
>CDH1-T340IFPTYTLVV	171	>CDH1-T340IFPMYTLVV	89	82
>CDH1-T340IFPTYTLVV	96	>CDH1-T340IFPMYTLVV	58	38
>CDH1-T340IFPTYTLVVQA	611	>CDH1-T340IFPMYTLVVQ	326	285
>CDH1-T340IFPTYTLVV	9	>CDH1-T340IFPMYTLVV	6	3
>CDH1-T340IFPTYTLVVQ	17	>CDH1-T340IFPMYTLVVQ	9	8
>CDH1-T340IFPTYTLVVQA	5	>CDH1-T340IFPMYTLVVQ	4	1
>CDH1-T340IFPTYTLVVQA	4	>CDH1-T340IFPMYTLVVQ	4	0
>CDH1-T340IFPTYTLVV	268	>CDH1-T340IFPMYTLVV	159	109
>CDH1-T340IFPTYTLVVQA	353	>CDH1-T340IFPMYTLVVQ	208	145
>CDH1-T340ISFPTYTLV	533	>CDH1-T340ISFPMYTLV	436	97
>CDH1-T340ISFPTYTLVV	416	>CDH1-T340ISFPMYTLVV	252	164
>CDH1-T340ISFPTYTLV	404	>CDH1-T340ISFPMYTLV	519	115
>CDH1-T340ISFPTYTLVV	416	>CDH1-T340ISFPMYTLVV	548	132
>CDH1-T340IESFPTYTLV	304	>CDH1-T340IESFPMYTLV	105	199
>CDH1-T340IESFPTYTL	138	>CDH1-T340IESFPMYTL	165	27
>CDH1-T340IESFPTYTLVV	188	>CDH1-T340IESFPMYTLVV	167	21
>CDH1-T340IESFPTYTL	13	>CDH1-T340IESFPMYTL	11	2
>CDH1-T340IESFPTYTLV	6	>CDH1-T340IESFPMYTLV	6	0
>CDH1-T340IESFPTYTLVV	71	>CDH1-T340IESFPMYTLVV	42	29
>CDH1-T340IESFPTYTL	85	>CDH1-T340IESFPMYTL	157	72
>CDH1-T340IESFPTYTLV	17	>CDH1-T340IESFPMYTLV	44	27
>CDH1-T340IESFPTYTLVV	29	>CDH1-T340IESFPMYTLVV	60	31
>CDH1-T340IESFPTYTL	259	>CDH1-T340IESFPMYTL	830	571
>CDH1-T340IESFPTYTLV	490	>CDH1-T340IESFPMYTLV	1875	1385
>CDH1-T340IESFPTYTLVV	229	>CDH1-T340IESFPMYTLVV	637	408

>CDH1-T340IESFPTYTL	16	>CDH1-T340IESFPMYTL	11	5
>CDH1-T340IESFPTYTLVV	352	>CDH1-T340IESFPMYTLVV	379	27
>CDH1-T340IESFPTYTLV	137	>CDH1-T340IESFPMYTLV	134	3
>CDH1-T340IESFPTYTL	89	>CDH1-T340IESFPMYTL	156	67
>CDH1-T340IESFPTYTLV	339	>CDH1-T340IESFPMYTLV	608	269
>CDH1-T340IRESFPTYTL	42	>CDH1-T340IRESFPMYTL	280	238
>CDH1-T340IRESFPTYTL	7	>CDH1-T340IRESFPMYTL	7	0
>CDH1-T340IRESFPTYTLV\	24	>CDH1-T340IRESFPMYTLV	23	1
>CDH1-T340IRESFPTYTL	122	>CDH1-T340IRESFPMYTL	64	58
>CDH1-T340IRESFPTYTLV	74	>CDH1-T340IRESFPMYTLV	57	17
>CDH1-T340IRESFPTYTLV\	162	>CDH1-T340IRESFPMYTLV	106	56
>CDH1-T340IRESFPTYTLV	773	>CDH1-T340IRESFPMYTLV	486	287
>CDH1-T340IRESFPTYTLV	541	>CDH1-T340IRESFPMYTLV	342	199
>CDH1-T340IRESFPTYT	187	>CDH1-T340IRESFPMYT	144	43
>CDH1-T340IRESFPTYTLV	144	>CDH1-T340IRESFPMYTLV	84	60
>CDH1-T340IRESFPTYTLV\	78	>CDH1-T340IRESFPMYTLV	63	15
>CDH1-T340IRESFPTYTL	232	>CDH1-T340IRESFPMYTL	309	77
>CDH1-T340IRESFPTYTL	18	>CDH1-T340IRESFPMYTL	28	10
>CDH1-T340IRESFPTYTLV	17	>CDH1-T340IRESFPMYTLV	17	0
>CDH1-T340IRESFPTYTLV\	14	>CDH1-T340IRESFPMYTLV	21	7
>CDH1-T340IDRESFPTYTL	303	>CDH1-T340IDRESFPMYTL	294	9
>CDH1-T340ILDRESFPTY	262	>CDH1-T340ILDRESFPMY	637	375
>CDH1-T340ILDRESFPTY	204	>CDH1-T340ILDRESFPMY	344	140
>CDH1-T340ILDRESFPTY	429	>CDH1-T340ILDRESFPMY	1639	1210
>CDH1-T340ILDRESFPTYTL	556	>CDH1-T340ILDRESFPMYT	463	93
>CDH1-T340ILDRESFPTY	614	>CDH1-T340ILDRESFPMY	439	175
>CDH1-T340ILDRESFPT	13167	>CDH1-T340ILDRESFPM	312	12855
>CDH1-T340ILDRESFPTYTL	361	>CDH1-T340ILDRESFPMYT	442	81
>CDH1-T340IGLDRESFPT	560	>CDH1-T340IGLDRESFPM	109	451
>CDH1-T340IGLDRESFPT	1352	>CDH1-T340IGLDRESFPM	298	1054
>CDH1-T340IGLDRESFPT	692	>CDH1-T340IGLDRESFPM	288	404
>CDH1-T340IGLDRESFPT	226	>CDH1-T340IGLDRESFPM	70	156
>CDH1-T340IGLDRESFPTY\	66	>CDH1-T340IGLDRESFPM\	50	16
>CDH1-T340IGLDRESFPT	80	>CDH1-T340IGLDRESFPM	12	68
>CDH1-T340IGLDRESFPTY\	319	>CDH1-T340IGLDRESFPM\	149	170
>CDH1-T340IGLDRESFPT	141	>CDH1-T340IGLDRESFPM	45	96
>CDH1-T340IGLDRESFPTY\	185	>CDH1-T340IGLDRESFPM\	140	45
>CDH1-T340IGLDRESFPT	352	>CDH1-T340IGLDRESFPM	239	113
>CDH1-T340IGLDRESFPTY\	229	>CDH1-T340IGLDRESFPM\	192	37
>CDH1-T340ITGLDRESFPT\	354	>CDH1-T340ITGLDRESFPM\	379	25
>CDH1-T340ITGLDRESFPT\	466	>CDH1-T340ITGLDRESFPM\	1940	1474
>CDH1-T340ITGLDRESFPT\	495	>CDH1-T340ITGLDRESFPM\	389	106
>CDH1-T357IITATAVITV	310	>CDH1-T357IITATAVITV	115	195

>CDH1-T357 TTATAVITV	361	>CDH1-T357 ITATAVITV	136	225
>CDH1-T357 TTATAVITV	70	>CDH1-T357 ITATAVITV	49	21
>CDH1-T357 TTATAVITV	60	>CDH1-T357 ITATAVITV	34	26
>CDH1-T357 TTATAVITV	201	>CDH1-T357 ITATAVITV	41	160
>CDH1-T357 TTATAVITV	103	>CDH1-T357 ITATAVITV	51	52
>CDH1-T357 TTATAVITV	1133	>CDH1-T357 ITATAVITV	174	959
>CDH1-T357 TTATAVITV	236	>CDH1-T357 ITATAVITV	50	186
>CDH1-T357 TTATAVIT	355	>CDH1-T357 ITATAVIT	3260	2905
>CDH1-T357 TTATAVITV	5	>CDH1-T357 ITATAVITV	17	12
>CDH1-T357 TTATAVITVT	240	>CDH1-T357 ITATAVITVT	958	718
>CDH1-T357 TTATAVITV	9	>CDH1-T357 ITATAVITV	112	103
>CDH1-T357 TTATAVITV	938	>CDH1-T357 ITATAVITV	138	800
>CDH1-T357 TTATAVITV	52	>CDH1-T357 ITATAVITV	36	16
>CDH1-T357 TTATAVITV	1466	>CDH1-T357 ITATAVITV	350	1116
>CDH1-T357 STTATAVITV	619	>CDH1-T357 SITATAVITV	226	393
>CDH1-T357 STTATAVITV	393	>CDH1-T357 SITATAVITV	177	216
>CDH1-T357 STTATAVITV	83	>CDH1-T357 SITATAVITV	42	41
>CDH1-T357 STTATAVITV	103	>CDH1-T357 SITATAVITV	99	4
>CDH1-T357 STTATAVITV	81	>CDH1-T357 SITATAVITV	22	59
>CDH1-T357 STTATAVITV	430	>CDH1-T357 SITATAVITV	75	355
>CDH1-T357 STTATAVITV	34	>CDH1-T357 SITATAVITV	12	22
>CDH1-T357 STTATAVITV	6551	>CDH1-T357 SITATAVITV	489	6062
>CDH1-T357 STTATAVI	8584	>CDH1-T357 SITATAVI	495	8089
>CDH1-T357 STTATAVITV	54	>CDH1-T357 SITATAVITV	4	50
>CDH1-T357 STTATAVI	215	>CDH1-T357 SITATAVI	730	515
>CDH1-T357 STTATAVITV	466	>CDH1-T357 SITATAVITV	1161	695
>CDH1-T357 STTATAVI	59	>CDH1-T357 SITATAVI	551	492
>CDH1-T357 STTATAVITV	17	>CDH1-T357 SITATAVITV	65	48
>CDH1-T357 STTATAVITV	33	>CDH1-T357 SITATAVITV	142	109
>CDH1-T357 STTATAVI	85	>CDH1-T357 SITATAVI	10062	9977
>CDH1-T357 STTATAVITV	242	>CDH1-T357 SITATAVITV	15979	15737
>CDH1-T357 STTATAVITV	38	>CDH1-T357 SITATAVITV	4367	4329
>CDH1-T357 STTATAVI	90	>CDH1-T357 SITATAVI	2636	2546
>CDH1-T357 STTATAVITV	62	>CDH1-T357 SITATAVITV	2015	1953
>CDH1-T357 STTATAVITVT	451	>CDH1-T357 SITATAVITVT	10232	9781
>CDH1-T357 STTATAVI	20	>CDH1-T357 SITATAVI	1401	1381
>CDH1-T357 LSTTATAV	1190	>CDH1-T357 LSITATAV	167	1023
>CDH1-T357 LSTTATAVITV	785	>CDH1-T357 LSITATAVITV	114	671
>CDH1-T357 LSTTATAV	284	>CDH1-T357 LSITATAV	108	176
>CDH1-T357 LSTTATAVI	681	>CDH1-T357 LSITATAVI	224	457
>CDH1-T357 LSTTATAVITV	222	>CDH1-T357 LSITATAVITV	83	139
>CDH1-T357 LSTTATAVI	6203	>CDH1-T357 LSITATAVI	402	5801
>CDH1-T357 LSTTATAV	939	>CDH1-T357 LSITATAV	209	730

>CDH1-T357 LSTTATAVI	1038	>CDH1-T357 LSITATAVI	262	776
>CDH1-T357 LSTTATAVITV	1438	>CDH1-T357 LSITATAVITV	371	1067
>CDH1-T357 LSTTATAV	1156	>CDH1-T357 LSITATAV	369	787
>CDH1-T357 LSTTATAVI	168	>CDH1-T357 LSITATAVI	41	127
>CDH1-T357 LSTTATAVITV	696	>CDH1-T357 LSITATAVITV	183	513
>CDH1-T357 LSTTATAVI	107	>CDH1-T357 LSITATAVI	55	52
>CDH1-T357 LSTTATAVI	28	>CDH1-T357 LSITATAVI	282	254
>CDH1-T357 LSTTATAVITV	62	>CDH1-T357 LSITATAVITV	532	470
>CDH1-T357 LSTTATAV	466	>CDH1-T357 LSITATAV	2733	2267
>CDH1-T357 LSTTATAVI	16	>CDH1-T357 LSITATAVI	16	0
>CDH1-T357 GLSTTATAV	207	>CDH1-T357 GLSITATAV	537	330
>CDH1-T357 GLSTTATA	117	>CDH1-T357 GLSITATA	122	5
>CDH1-T357 GLSTTATAV	10	>CDH1-T357 GLSITATAV	16	6
>CDH1-T357 GLSTTATAVI	52	>CDH1-T357 GLSITATAVI	93	41
>CDH1-T357 GLSTTATA	19	>CDH1-T357 GLSITATA	28	9
>CDH1-T357 GLSTTATAV	5	>CDH1-T357 GLSITATAV	8	3
>CDH1-T357 GLSTTATAVI	57	>CDH1-T357 GLSITATAVI	79	22
>CDH1-T357 GLSTTATAV	143	>CDH1-T357 GLSITATAV	318	175
>CDH1-T357 GLSTTATA	221	>CDH1-T357 GLSITATA	157	64
>CDH1-T357 GLSTTATAV	12	>CDH1-T357 GLSITATAV	10	2
>CDH1-T357 GLSTTATAVI	206	>CDH1-T357 GLSITATAVI	147	59
>CDH1-T357 GLSTTATA	42	>CDH1-T357 GLSITATA	106	64
>CDH1-T357 GLSTTATAV	6	>CDH1-T357 GLSITATAV	11	5
>CDH1-T357 GLSTTATAVI	19	>CDH1-T357 GLSITATAVI	47	28
>CDH1-T357 GLSTTATA	99	>CDH1-T357 GLSITATA	85	14
>CDH1-T357 GLSTTATAV	12	>CDH1-T357 GLSITATAV	9	3
>CDH1-T357 GLSTTATAVI	139	>CDH1-T357 GLSITATAVI	108	31
>CDH1-T357 GLSTTATAV	37	>CDH1-T357 GLSITATAV	121	84
>CDH1-T357 GLSTTATAVI	452	>CDH1-T357 GLSITATAVI	1044	592
>CDH1-T357 GLSTTATA	15	>CDH1-T357 GLSITATA	17	2
>CDH1-T357 GLSTTATAV	3	>CDH1-T357 GLSITATAV	3	0
>CDH1-T357 GLSTTATAVI	47	>CDH1-T357 GLSITATAVI	48	1
>CDH1-T357 EGLSTTATAV	44	>CDH1-T357 EGLSITATAV	39	5
>CDH1-T357 GEGLSITATA	197	>CDH1-T357 GEGLSITATA	489	292
>CDH1-T357 GEGLSITATA	288	>CDH1-T357 GEGLSITATA	355	67
>CDH1-T357 GEGLSITATA	473	>CDH1-T357 GEGLSITATA	301	172
>CDH1-T357 GEGLSITATA	180	>CDH1-T357 GEGLSITATA	85	95
>CDH1-T357 GEGLSITATA	221	>CDH1-T357 GEGLSITATA	145	76
>CDH1-T357 GEGLSITATA	43	>CDH1-T357 GEGLSITATA	25	18
>CDH1-T357 GEGLSITATA	70	>CDH1-T357 GEGLSITATA	47	23
>CDH1-T357 GEGLSITATA	1073	>CDH1-T357 GEGLSITATA	429	644
>CDH1-T357 GEGLSITATA	63	>CDH1-T357 GEGLSITATA	58	5
>CDH1-T357 GEGLSITATA	238	>CDH1-T357 GEGLSITATA	227	11

>CDH1-T357IGEGLSTTATA	20	>CDH1-T357IGEGLSITATA\	20	0
>CDH1-T357ILQGEGLST	4484	>CDH1-T357ILQGEGLSI	482	4002
>CDH1-T357ILQGEGLST	379	>CDH1-T357ILQGEGLSI	33	346
>CDH1-T357ILQGEGLSTT	68	>CDH1-T357ILQGEGLSIT	488	420
>CDH1-T357ILQGEGLSTTA	662	>CDH1-T357ILQGEGLSITA	333	329
>CDH1-T357ILQGEGLSTTA	167	>CDH1-T357ILQGEGLSITA\	149	18
>CDH1-T357ILQGEGLST	6959	>CDH1-T357ILQGEGLSI	494	6465
>CDH1-T357ILQGEGLST	2557	>CDH1-T357ILQGEGLSI	201	2356
>CDH1-T357ILQGEGLSTTA	212	>CDH1-T357ILQGEGLSITA	389	177
>CDH1-T357ILQGEGLST	8066	>CDH1-T357ILQGEGLSI	400	7666
>CDH1-T357IDLQGEGLSTT	315	>CDH1-T357IDLQGEGLSIT\	378	63
>CDH1-T357IADLQGEGLST	22368	>CDH1-T357IADLQGEGLSI	425	21943
>CDH1-T357IADLQGEGLST	7375	>CDH1-T357IADLQGEGLSI	87	7288
>CDH1-T522ITYRIWRDTAN	66	>CDH1-T522IYRIWRDTAN	45	21
>CDH1-T522ITYRIWRDTAN	524	>CDH1-T522IYRIWRDTAN	276	248
>CDH1-T522ITYRIWRDTAN	101	>CDH1-T522IYRIWRDTAN	173	72
>CDH1-T522ITYRIWRDTA	491	>CDH1-T522IYRIWRDTA	232	259
>CDH1-T522ITYRIWRDTA	116	>CDH1-T522IYRIWRDTA	115	1
>CDH1-T522ITYRIWRDTA	1333	>CDH1-T522IYRIWRDTA	349	984
>CDH1-T522ITYRIWRDTA	397	>CDH1-T522IYRIWRDTA	2554	2157
>CDH1-T522I EPDTFMEQKI	8625	>CDH1-T522I EPDTFMEQKI	313	8312
>CDH1-T522IKITYRIWRDT\	1484	>CDH1-T522IKIYRIWRDTA	362	1122
>CDH1-T522IKITYRIWRDT\	572	>CDH1-T522IKIYRIWRDTA	173	399
>CDH1-T522IKITYRIWR	821	>CDH1-T522IKIYRIWR	226	595
>CDH1-T522IKITYRIWR	9	>CDH1-T522IKIYRIWR	8	1
>CDH1-T522IKITYRIWR	530	>CDH1-T522IKIYRIWR	484	46
>CDH1-T522IKITYRIWR	134	>CDH1-T522IKIYRIWR	93	41
>CDH1-T522IKITYRIWR	38	>CDH1-T522IKIYRIWR	33	5
>CDH1-T522IQKITYRIWR	352	>CDH1-T522IQKIYRIWR	503	151
>CDH1-T522IQKITYRIW	99	>CDH1-T522IQKIYRIW	342	243
>CDH1-T522IQKITYRIWR	321	>CDH1-T522IQKIYRIWR	417	96
>CDH1-T522IEQKITYRIWR	59	>CDH1-T522IEQKIYRIWR	30	29
>CDH1-T522IEQKITYRIWR	282	>CDH1-T522IEQKIYRIWR	145	137
>CDH1-T522IEQKITYRIWR	259	>CDH1-T522IEQKIYRIWR	150	109
>CDH1-T522IEQKITYRIWR	371	>CDH1-T522IEQKIYRIWR	268	103
>CDH1-T522IMEQKITYRI	10	>CDH1-T522IMEQKIYRI	19	9
>CDH1-T522IMEQKITYRIW	318	>CDH1-T522IMEQKIYRIW	596	278
>CDH1-T522IMEQKITYR	77	>CDH1-T522IMEQKIYR	88	11
>CDH1-T522IMEQKITYRIW	178	>CDH1-T522IMEQKIYRIW	149	29
>CDH1-T522IMEQKITYR	161	>CDH1-T522IMEQKIYR	186	25
>CDH1-T522IMEQKITYRIW	175	>CDH1-T522IMEQKIYRIW	198	23
>CDH1-T522IMEQKITYRI	276	>CDH1-T522IMEQKIYRI	330	54
>CDH1-T522IMEQKITYRI	194	>CDH1-T522IMEQKIYRI	175	19

>CDH1-T522 MEQKITYRIM	24	>CDH1-T522 MEQKIYRIW	16	8
>CDH1-T522 MEQKITYRI	516	>CDH1-T522 MEQKIYRI	322	194
>CDH1-T522 MEQKITYRIM	62	>CDH1-T522 MEQKIYRIW	39	23
>CDH1-T522 MEQKITYRI	92	>CDH1-T522 MEQKIYRI	54	38
>CDH1-T522 MEQKITYRIM	694	>CDH1-T522 MEQKIYRIW	308	386
>CDH1-T522 MEQKITYRIM	443	>CDH1-T522 MEQKIYRIW	339	104
>CDH1-T522 MEQKITYRI	6	>CDH1-T522 MEQKIYRI	5	1
>CDH1-T522 MEQKITYRIM	340	>CDH1-T522 MEQKIYRIW	365	25
>CDH1-T522 MEQKITYRIM	204	>CDH1-T522 MEQKIYRIW	170	34
>CDH1-T522 MEQKITYR	64	>CDH1-T522 MEQKIYR	54	10
>CDH1-T522 MEQKITYRIM	89	>CDH1-T522 MEQKIYRIW	118	29
>CDH1-T522 FMEQKITY	182	>CDH1-T522 FMEQKIY	129	53
>CDH1-T522 FMEQKITYRI	117	>CDH1-T522 FMEQKIYRI	61	56
>CDH1-T522 FMEQKITYRI	44	>CDH1-T522 FMEQKIYRI	41	3
>CDH1-T522 FMEQKITYRI	146	>CDH1-T522 FMEQKIYRI	127	19
>CDH1-T522 FMEQKITYRI	292	>CDH1-T522 FMEQKIYRI	168	124
>CDH1-T522 FMEQKITYRI	6	>CDH1-T522 FMEQKIYRI	3	3
>CDH1-T522 FMEQKITYRI	11	>CDH1-T522 FMEQKIYRI	9	2
>CDH1-T522 FMEQKITYRI	95	>CDH1-T522 FMEQKIYRI	61	34
>CDH1-T522 FMEQKITYRI	69	>CDH1-T522 FMEQKIYRI	58	11
>CDH1-T522 FMEQKITYRI	5	>CDH1-T522 FMEQKIYRI	4	1
>CDH1-T522 FMEQKITY	96	>CDH1-T522 FMEQKIY	125	29
>CDH1-T522 FMEQKITYR	52	>CDH1-T522 FMEQKIYR	97	45
>CDH1-T522 FMEQKITYR	95	>CDH1-T522 FMEQKIYR	104	9
>CDH1-T522 FMEQKITYR	67	>CDH1-T522 FMEQKIYR	69	2
>CDH1-T522 FMEQKITY	232	>CDH1-T522 FMEQKIY	607	375
>CDH1-T522 FMEQKITY	77	>CDH1-T522 FMEQKIY	102	25
>CDH1-T522 FMEQKITY	429	>CDH1-T522 FMEQKIY	640	211
>CDH1-T522 FMEQKITYRI	356	>CDH1-T522 FMEQKIYRIV	643	287
>CDH1-T522 FMEQKITY	168	>CDH1-T522 FMEQKIY	492	324
>CDH1-T522 FMEQKITYRI	252	>CDH1-T522 FMEQKIYRI	168	84
>CDH1-T522 FMEQKITYRI	53	>CDH1-T522 FMEQKIYRIV	38	15
>CDH1-T522 FMEQKITY	478	>CDH1-T522 FMEQKIY	708	230
>CDH1-T522 FMEQKITYR	43	>CDH1-T522 FMEQKIYR	25	18
>CDH1-T522 TFMEQKITYR	932	>CDH1-T522 TFMEQKIYR	493	439
>CDH1-T522 TFMEQKITYR	163	>CDH1-T522 TFMEQKIYRI	210	47
>CDH1-T522 TFMEQKITYR	341	>CDH1-T522 TFMEQKIYRI	449	108
>CDH1-T522 TFMEQKITYR	105	>CDH1-T522 TFMEQKIYRI	153	48
>CDH1-T522 TFMEQKITY	102	>CDH1-T522 TFMEQKIY	195	93
>CDH1-T522 TFMEQKITYR	21	>CDH1-T522 TFMEQKIYR	15	6
>CDH1-T522 TFMEQKITYR	67	>CDH1-T522 TFMEQKIYR	43	24
>CDH1-T522 TFMEQKITYR	39	>CDH1-T522 TFMEQKIYR	30	9
>CDH1-T522 TFMEQKITY	364	>CDH1-T522 TFMEQKIY	488	124



>CDH1-T522 TFMEQKITY	206	>CDH1-T522 TFMEQKIYY	846	640
>CDH1-T522 TFMEQKITYR	250	>CDH1-T522 TFMEQKIYYR	172	78
>CDH1-T522 TFMEQKITYR	21	>CDH1-T522 TFMEQKIYYR	19	2
>CDH1-T522 DTFMEQKITY	631	>CDH1-T522 DTFMEQKIYY	253	378
>CDH1-T522 DTFMEQKITY	130	>CDH1-T522 DTFMEQKIYY	853	723
>CDH1-T522 DTFMEQKITY	375	>CDH1-T522 DTFMEQKIYY	546	171
>CDH1-T522 DTFMEQKITY	144	>CDH1-T522 DTFMEQKIYY	470	326
>CDH1-T522 DTFMEQKITY	200	>CDH1-T522 DTFMEQKIYY	154	46
>CDH1-T522 DTFMEQKITY	539	>CDH1-T522 DTFMEQKIYY	387	152
>CDH1-T522 DTFMEQKITY	121	>CDH1-T522 DTFMEQKIYYI	160	39
>CDH1-T522 DTFMEQKITY	11	>CDH1-T522 DTFMEQKIYYI	11	0
>CDH1-T522 DTFMEQKITY	346	>CDH1-T522 DTFMEQKIYY	639	293
>CDH1-T522 DTFMEQKITY	3	>CDH1-T522 DTFMEQKIYYI	3	0
>CDH1-T522 DTFMEQKITY	66	>CDH1-T522 DTFMEQKIYY	386	320
>CDH1-T522 DTFMEQKITY	259	>CDH1-T522 DTFMEQKIYY	240	19
>CDH1-T522 DTFMEQKITY	347	>CDH1-T522 DTFMEQKIYYI	255	92
>CDH1-T522 DTFMEQKITY	182	>CDH1-T522 DTFMEQKIYYI	111	71
>CDH1-T522 DTFMEQKIT	32386	>CDH1-T522 DTFMEQKII	296	32090
>CDH1-T522 PDTFMEQKIT	7841	>CDH1-T522 PDTFMEQKII	122	7719
>CDH1-V365 VTDTNDNPPI	190	>CDH1-V365 LTDTNDNPPI	79	111
>CDH1-V365 VTDTNDNPPI	1587	>CDH1-V365 LTDTNDNPPI	470	1117
>CDH1-V365 VTDTNDNPPI	1038	>CDH1-V365 LTDTNDNPPI	393	645
>CDH1-V365 VTDTNDNPPI	33	>CDH1-V365 LTDTNDNPPI	31	2
>CDH1-V365 VTDTNDNPPI	387	>CDH1-V365 LTDTNDNPPI	204	183
>CDH1-V365 VTDTNDNPPI	246	>CDH1-V365 LTDTNDNPPI	144	102
>CDH1-V365 TVTDTNDNPI	2530	>CDH1-V365 TLDTNDNPF	93	2437
>CDH1-V365 TVTDTNDNPI	3731	>CDH1-V365 TLDTNDNPF	106	3625
>CDH1-V365 TVTDTNDNPI	3391	>CDH1-V365 TLDTNDNPF	120	3271
>CDH1-V365 TVTDTNDNPI	233	>CDH1-V365 TLDTNDNPF	138	95
>CDH1-V365 TVTDTNDNPI	4229	>CDH1-V365 TLDTNDNPF	67	4162
>CDH1-V365 TVTDTNDNPI	4837	>CDH1-V365 TLDTNDNPF	36	4801
>CDH1-V365 TVTDTNDNPI	3841	>CDH1-V365 TLDTNDNPF	34	3807
>CDH1-V365 TVTDTNDNPI	10176	>CDH1-V365 TLDTNDNPF	206	9970
>CDH1-V365 TVTDTNDNPI	2022	>CDH1-V365 TLDTNDNPF	12	2010
>CDH1-V365 TVTDTNDNPI	46	>CDH1-V365 TLDTNDNPF	1450	1404
>CDH1-V365 TVTDTNDNPI	48	>CDH1-V365 TLDTNDNPF	223	175
>CDH1-V365 LSTTATAVITV	222	>CDH1-V365 LSTTATAVITL	2135	1913
>CDH1-V365 LSTTATAVITV	696	>CDH1-V365 LSTTATAVITL	18	678
>CDH1-V365 LSTTATAVITV	3123	>CDH1-V365 LSTTATAVITL	178	2945
>CDH1-V365 LSTTATAVITV	62	>CDH1-V365 LSTTATAVITL	13	49
>CDH1-V365 LSTTATAVITV	1202	>CDH1-V365 LSTTATAVITL	396	806
>CDH1-V365 LSTTATAVITV	885	>CDH1-V365 LSTTATAVITL	193	692
>CDH1-V365 ATAVITVTD	266	>CDH1-V365 ATAVITLTD	779	513

>CDH1-V365 TATAVITV	115	>CDH1-V365 TATAVITL	949	834
>CDH1-V365 TATAVITV	409	>CDH1-V365 TATAVITL	5431	5022
>CDH1-V365 TATAVITV	187	>CDH1-V365 TATAVITL	5533	5346
>CDH1-V365 TATAVITV	14	>CDH1-V365 TATAVITL	92	78
>CDH1-V365 TATAVITVT	1134	>CDH1-V365 TATAVITLT	313	821
>CDH1-V365 TATAVITV	168	>CDH1-V365 TATAVITL	1876	1708
>CDH1-V365 TTATAVITV	310	>CDH1-V365 TTATAVITL	1722	1412
>CDH1-V365 TTATAVITV	361	>CDH1-V365 TTATAVITL	506	145
>CDH1-V365 TTATAVITV	70	>CDH1-V365 TTATAVITL	905	835
>CDH1-V365 TTATAVITV	60	>CDH1-V365 TTATAVITL	572	512
>CDH1-V365 TTATAVITV	201	>CDH1-V365 TTATAVITL	3340	3139
>CDH1-V365 TTATAVITV	103	>CDH1-V365 TTATAVITL	3331	3228
>CDH1-V365 TTATAVITV	236	>CDH1-V365 TTATAVITL	6180	5944
>CDH1-V365 TTATAVITV	887	>CDH1-V365 TTATAVITL	45	842
>CDH1-V365 TTATAVITV	1233	>CDH1-V365 TTATAVITL	274	959
>CDH1-V365 TTATAVITV	5	>CDH1-V365 TTATAVITL	10	5
>CDH1-V365 TTATAVITVT	240	>CDH1-V365 TTATAVITLT	141	99
>CDH1-V365 TTATAVITV	9	>CDH1-V365 TTATAVITL	74	65
>CDH1-V365 TTATAVITV	938	>CDH1-V365 TTATAVITL	20	918
>CDH1-V365 TTATAVITV	5321	>CDH1-V365 TTATAVITL	288	5033
>CDH1-V365 TTATAVITV	52	>CDH1-V365 TTATAVITL	11	41
>CDH1-V365 TTATAVITV	1466	>CDH1-V365 TTATAVITL	453	1013
>CDH1-V365 TTATAVITV	1805	>CDH1-V365 TTATAVITL	427	1378
>CDH1-V365 STTATAVITV	393	>CDH1-V365 STTATAVITL	438	45
>CDH1-V365 STTATAVITV	83	>CDH1-V365 STTATAVITL	461	378
>CDH1-V365 STTATAVITV	103	>CDH1-V365 STTATAVITL	458	355
>CDH1-V365 STTATAVITV	81	>CDH1-V365 STTATAVITL	1334	1253
>CDH1-V365 STTATAVITV	430	>CDH1-V365 STTATAVITL	4336	3906
>CDH1-V365 STTATAVITV	34	>CDH1-V365 STTATAVITL	836	802
>CDH1-V365 STTATAVITV	54	>CDH1-V365 STTATAVITL	1753	1699
>CDH1-V365 STTATAVITV	466	>CDH1-V365 STTATAVITL	122	344
>CDH1-V365 STTATAVITV	17	>CDH1-V365 STTATAVITL	54	37
>CDH1-V365 STTATAVITV	33	>CDH1-V365 STTATAVITL	490	457
>CDH1-V365 STTATAVITV	242	>CDH1-V365 STTATAVITL	10	232
>CDH1-V365 STTATAVITV	38	>CDH1-V365 STTATAVITL	10	28
>CDH1-V365 STTATAVITV1	1689	>CDH1-V365 STTATAVITLT	460	1229
>CDH1-V365 STTATAVITV	62	>CDH1-V365 STTATAVITL	45	17
>CDH1-V365 STTATAVITV1	451	>CDH1-V365 STTATAVITLT	323	128
>CDH1-V456 VTNVVPFEV	260	>CDH1-V456 MTNVVPFEV	42	218
>CDH1-V456 VTNVVPFEV	460	>CDH1-V456 MTNVVPFEV	44	416
>CDH1-V456 VTNVVPFEVS	1255	>CDH1-V456 MTNVVPFEV	146	1109
>CDH1-V456 VTNVVPFEV	465	>CDH1-V456 MTNVVPFEV	96	369
>CDH1-V456 VTNVVPFEV	300	>CDH1-V456 MTNVVPFEV	73	227

>CDH1-V456 VTNVVPFEV	9	>CDH1-V456 MTNVVPFEV	6	3
>CDH1-V456 VTNVVPFEVS	608	>CDH1-V456 MTNVVPFEV	299	309
>CDH1-V456 VTNVVPFEV	620	>CDH1-V456 MTNVVPFEV	339	281
>CDH1-V456 VTNVVPFEV	30	>CDH1-V456 MTNVVPFEV	29	1
>CDH1-V456 VTNVVPFEV	298	>CDH1-V456 MTNVVPFEV	229	69
>CDH1-V456 VTNVVPFEV	278	>CDH1-V456 MTNVVPFEV	115	163
>CDH1-V456 VTNVVPFEVS	163	>CDH1-V456 MTNVVPFEV	57	106
>CDH1-V456 VTNVVPFE	8430	>CDH1-V456 MTNVVPFE	234	8196
>CDH1-V456 VTNVVPFEV	28	>CDH1-V456 MTNVVPFEV	4	24
>CDH1-V456 VTNVVPFEVS	595	>CDH1-V456 MTNVVPFEV	13	582
>CDH1-V456 VTNVVPFEV	141	>CDH1-V456 MTNVVPFEV	9	132
>CDH1-V456 VTNVVPFEVS	5250	>CDH1-V456 MTNVVPFEV	338	4912
>CDH1-V456 VTNVVPFEVS	59	>CDH1-V456 MTNVVPFEV	32	27
>CDH1-V456 VTNVVPFEV	727	>CDH1-V456 MTNVVPFEV	134	593
>CDH1-V456 VTNVVPFEVS	232	>CDH1-V456 MTNVVPFEV	61	171
>CDH1-V456 VTNVVPFEVS	1201	>CDH1-V456 MTNVVPFEV	254	947
>CDH1-V456 AVTNVVPFEV	320	>CDH1-V456 AMTNVVPFE	21	299
>CDH1-V456 AVTNVVPFEV	211	>CDH1-V456 AMTNVVPFE	20	191
>CDH1-V456 AVTNVVPFEV	193	>CDH1-V456 AMTNVVPFE	30	163
>CDH1-V456 AVTNVVPFEV	172	>CDH1-V456 AMTNVVPFE	92	80
>CDH1-V456 AVTNVVPF	11736	>CDH1-V456 AMTNVVPF	242	11494
>CDH1-V456 AVTNVVPFEV	7	>CDH1-V456 AMTNVVPFE	1	6
>CDH1-V456 AVTNVVPFEV	126	>CDH1-V456 AMTNVVPFE	3	123
>CDH1-V456 AVTNVVPFEV	9	>CDH1-V456 AMTNVVPFE	4	5
>CDH1-V456 AVTNVVPFEV	81	>CDH1-V456 AMTNVVPFE	3	78
>CDH1-V456 AVTNVVPFEV	5	>CDH1-V456 AMTNVVPFE	2	3
>CDH1-V456 AVTNVVPF	115	>CDH1-V456 AMTNVVPF	2731	2616
>CDH1-V456 AVTNVVPF	47	>CDH1-V456 AMTNVVPF	37	10
>CDH1-V456 AVTNVVPFEV	303	>CDH1-V456 AMTNVVPFE	1241	938
>CDH1-V456 AVTNVVPF	359	>CDH1-V456 AMTNVVPF	48	311
>CDH1-V456 AVTNVVPF	4746	>CDH1-V456 AMTNVVPF	470	4276
>CDH1-V456 AVTNVVPF	181	>CDH1-V456 AMTNVVPF	7	174
>CDH1-V456 AVTNVVPF	384	>CDH1-V456 AMTNVVPF	2146	1762
>CDH1-V456 AKQQYILHVA	73	>CDH1-V456 AKQQYILHVA	20	53
>CDH1-V456 VAVTNVVPF	15	>CDH1-V456 VAMTNVVPF	11	4
>CDH1-V456 VAVTNVVPFE	95	>CDH1-V456 VAMTNVVPF	64	31
>CDH1-V456 VAVTNVVPF	264	>CDH1-V456 VAMTNVVPF	164	100
>CDH1-V456 VAVTNVVPFE	894	>CDH1-V456 VAMTNVVPF	38	856
>CDH1-V456 VAVTNVVPFE	1125	>CDH1-V456 VAMTNVVPF	169	956
>CDH1-V456 VAVTNVVPFE	673	>CDH1-V456 VAMTNVVPF	170	503
>CDH1-V456 VAVTNVVPFE	70	>CDH1-V456 VAMTNVVPF	25	45
>CDH1-V456 VAVTNVVPFE	56	>CDH1-V456 VAMTNVVPF	22	34
>CDH1-V456 VAVTNVVPFE	1216	>CDH1-V456 VAMTNVVPF	122	1094

>CDH1-V456 VAVTNVVPFE	659	>CDH1-V456 VAMTNVVPF	250	409
>CDH1-V456 VAVTNVVPFE	2208	>CDH1-V456 VAMTNVVPF	24	2184
>CDH1-V456 VAVTNVVPFE	113	>CDH1-V456 VAMTNVVPF	46	67
>CDH1-V456 VAVTNVVPF	272	>CDH1-V456 VAMTNVVPF	830	558
>CDH1-V456 VAVTNVVPF	1575	>CDH1-V456 VAMTNVVPF	192	1383
>CDH1-V456 VAVTNVVPFE	98	>CDH1-V456 VAMTNVVPF	35	63
>CDH1-V456 VAVTNVVPFE	617	>CDH1-V456 VAMTNVVPF	148	469
>CDH1-V456 VAVTNVVPF	149	>CDH1-V456 VAMTNVVPF	75	74
>CDH1-V456 VAVTNVVPF	8	>CDH1-V456 VAMTNVVPF	5	3
>CDH1-V456 VAVTNVVPF	9	>CDH1-V456 VAMTNVVPF	8	1
>CDH1-V456 VAVTNVVPF	33	>CDH1-V456 VAMTNVVPF	32	1
>CDH1-V456 VAVTNVVPF	350	>CDH1-V456 VAMTNVVPF	111	239
>CDH1-V456 VAVTNVVPF	323	>CDH1-V456 VAMTNVVPF	121	202
>CDH1-V456 HVAVTNVV	240	>CDH1-V456 HVAMTNVV	270	30
>CDH1-V456 HVAVTNVV	392	>CDH1-V456 HVAMTNVV	213	179
>CDH1-V456 HVAVTNVV	311	>CDH1-V456 HVAMTNVV	329	18
>CDH1-V456 HVAVTNVV	213	>CDH1-V456 HVAMTNVV	86	127
>CDH1-V456 HVAVTNVVPF	202	>CDH1-V456 HVAMTNVVF	129	73
>CDH1-V456 HVAVTNVVPF	63	>CDH1-V456 HVAMTNVVF	46	17
>CDH1-V456 HVAVTNVVPF	762	>CDH1-V456 HVAMTNVVF	477	285
>CDH1-V456 HVAVTNVV	12	>CDH1-V456 HVAMTNVV	12	0
>CDH1-V456 HVAVTNVV	77	>CDH1-V456 HVAMTNVV	132	55
>CDH1-V456 HVAVTNVVPF	75	>CDH1-V456 HVAMTNVVF	52	23
>CDH1-V456 HVAVTNVVPF	338	>CDH1-V456 HVAMTNVVF	445	107
>CDH1-V456 HVAVTNVVPF	44	>CDH1-V456 HVAMTNVVF	30	14
>CDH1-V456 HVAVTNVVPF	127	>CDH1-V456 HVAMTNVVF	99	28
>CDH1-V456 HVAVTNVVPF	65	>CDH1-V456 HVAMTNVVF	85	20
>CDH1-V456 LHVAVTNVVI	9	>CDH1-V456 LHVAMTNVV	10	1
>CDH1-V456 LHVAVTNVVI	563	>CDH1-V456 LHVAMTNVV	458	105
>CDH1-V456 LHVAVTNVV	65	>CDH1-V456 LHVAMTNVV	89	24
>CDH1-V456 LHVAVTNVVI	139	>CDH1-V456 LHVAMTNVV	160	21
>CDH1-V456 LHVAVTNVVI	206	>CDH1-V456 LHVAMTNVV	225	19
>CDH1-V456 ILHVAVTNV	72	>CDH1-V456 ILHVAMTNV	112	40
>CDH1-V456 ILHVAVTNVV	387	>CDH1-V456 ILHVAMTNV	432	45
>CDH1-V456 ILHVAVTNV	11	>CDH1-V456 ILHVAMTNV	10	1
>CDH1-V456 ILHVAVTNVV	117	>CDH1-V456 ILHVAMTNV	114	3
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>CDH1-V456 ILHVAVTNVV	45	>CDH1-V456 ILHVAMTNV	44	1
>CDH1-V456 ILHVAVTNV	222	>CDH1-V456 ILHVAMTNV	118	104
>CDH1-V456 ILHVAVTNV	6	>CDH1-V456 ILHVAMTNV	19	13
>CDH1-V456 ILHVAVTNVV	6	>CDH1-V456 ILHVAMTNV	17	11
>CDH1-V456 ILHVAVTNV	41	>CDH1-V456 ILHVAMTNV	93	52
>CDH1-V456 ILHVAVTNVV	19	>CDH1-V456 ILHVAMTNV	36	17

>CDH1-V456 ILHVAVTNV	9	>CDH1-V456 ILHVAMTNV	20	11
>CDH1-V456 ILHVAVTNVV	16	>CDH1-V456 ILHVAMTNV\	33	17
>CDH1-V456 ILHVAVTNV	7	>CDH1-V456 ILHVAMTNV	215	208
>CDH1-V456 ILHVAVTNVV	18	>CDH1-V456 ILHVAMTNV\	100	82
>CDH1-V456 ILHVAVTNV	2	>CDH1-V456 ILHVAMTNV	3	1
>CDH1-V456 ILHVAVTNVV	4	>CDH1-V456 ILHVAMTNV\	4	0
>CDH1-V456 ILHVAVTNV	405	>CDH1-V456 ILHVAMTNV	976	571
>CDH1-V456 YILHVAVT	873	>CDH1-V456 YILHVAMT	418	455
>CDH1-V456 YILHVAVTNV	37	>CDH1-V456 YILHVAMTN\	33	4
>CDH1-V456 YILHVAVTNV	28	>CDH1-V456 YILHVAMTN\	31	3
>CDH1-V456 YILHVAVTNV	227	>CDH1-V456 YILHVAMTN\	197	30
>CDH1-V456 YILHVAVTNV	77	>CDH1-V456 YILHVAMTN\	101	24
>CDH1-V456 YILHVAVTNV	34	>CDH1-V456 YILHVAMTN\	35	1
>CDH1-V456 YILHVAVTNV	23	>CDH1-V456 YILHVAMTN\	18	5
>CDH1-V456 YILHVAVT	169	>CDH1-V456 YILHVAMT	111	58
>CDH1-V456 YILHVAVTNV	38	>CDH1-V456 YILHVAMTN\	36	2
>CDH1-V456 YILHVAVTNV	7	>CDH1-V456 YILHVAMTN\	9	2
>CDH1-V456 YILHVAVT	127	>CDH1-V456 YILHVAMT	58	69
>CDH1-V456 YILHVAVTNV	3	>CDH1-V456 YILHVAMTN\	4	1
>CDH1-V456 YILHVAVTNV	3	>CDH1-V456 YILHVAMTN\	4	1
>CDH1-V456 YILHVAVTNV	10	>CDH1-V456 YILHVAMTN\	14	4
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>CDH1-V456 YILHVAVTNV	5	>CDH1-V456 YILHVAMTN\	7	2
>CDH1-V456 YILHVAVTNV	8	>CDH1-V456 YILHVAMTN\	10	2
>CDH1-V456 YILHVAVTNV	5	>CDH1-V456 YILHVAMTN\	10	5
>CDH1-V456 YILHVAVTNV	7	>CDH1-V456 YILHVAMTN\	6	1
>CDH1-V456 YILHVAVTNV	3	>CDH1-V456 YILHVAMTN\	3	0
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>CDH1-V456 YILHVAVTNV	98	>CDH1-V456 YILHVAMTN\	123	25
>CDH1-V456 YILHVAVTNV	10	>CDH1-V456 YILHVAMTN\	7	3
>CDH1-V456 YILHVAVTNV	23	>CDH1-V456 YILHVAMTN\	24	1
>CDH1-V456 QYILHVAV	392	>CDH1-V456 QYILHVAM	154	238
>CDH1-V456 QYILHVAV	5633	>CDH1-V456 QYILHVAM	97	5536
>CDH1-V456 QYILHVAV	335	>CDH1-V456 QYILHVAM	485	150
>CDH1-V456 QQYILHVAV	850	>CDH1-V456 QQYILHVAM	158	692
>CDH1-V456 QQYILHVAV	324	>CDH1-V456 QQYILHVAM	7117	6793
>CDH1-V456 QQYILHVAV	21	>CDH1-V456 QQYILHVAM	412	391
>CDH1-V456 QQYILHVAV	81	>CDH1-V456 QQYILHVAM	4691	4610
>CDH1-V456 QQYILHVAV	551	>CDH1-V456 QQYILHVAM	462	89
>CDH1-V456 QQYILHVAV	402	>CDH1-V456 QQYILHVAM	56	346
>CDH1-V456 QQYILHVAV	19	>CDH1-V456 QQYILHVAM	6	13
>CDH1-V456 QQYILHVAV	434	>CDH1-V456 QQYILHVAM	114	320
>CDH1-V456 QQYILHVAV	210	>CDH1-V456 QQYILHVAM	93	117

>CDH1-V456 KQQYILHVAV	172	>CDH1-V456 KQQYILHVAN	2173	2001
>CDH1-V456 KQQYILHVAV	335	>CDH1-V456 KQQYILHVAN	10169	9834
>CDH1-V456 KQQYILHVAV	69	>CDH1-V456 KQQYILHVAN	4180	4111
>CDH1-V456 KQQYILHVAV	85	>CDH1-V456 KQQYILHVAN	65	20
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>CDH1-V456 KQQYILHVAV	62	>CDH1-V456 KQQYILHVAN	17	45
>CDH1-V456 KQQYILHVAV	981	>CDH1-V456 KQQYILHVAN	364	617
>CDH1-V473 VTVDVLDV	197	>CDH1-V473 DTVDVLDV	5431	5234
>CDH1-V473 VTVDVLDVNI	415	>CDH1-V473 DTVDVLDVNI	8273	7858
>CDH1-V473 VTVDVLDV	107	>CDH1-V473 DTVDVLDV	3704	3597
>CDH1-V473 VTVDVLDVNI	97	>CDH1-V473 DTVDVLDVNI	6645	6548
>CDH1-V473 VTVDVLDV	76	>CDH1-V473 DTVDVLDV	3482	3406
>CDH1-V473 VTVDVLDV	215	>CDH1-V473 DTVDVLDV	4252	4037
>CDH1-V473 VTVDVLDV	70	>CDH1-V473 DTVDVLDV	4523	4453
>CDH1-V473 VTVDVLDV	3773	>CDH1-V473 DTVDVLDV	400	3373
>CDH1-V473 VTVDVLDVNI	3883	>CDH1-V473 DTVDVLDVNI	297	3586
>CDH1-V473 VTVDVLDV	249	>CDH1-V473 DTVDVLDV	45	204
>CDH1-V473 VTVDVLDVNI	165	>CDH1-V473 DTVDVLDVNI	23	142
>CDH1-V473 VTVDVLDV	858	>CDH1-V473 DTVDVLDV	47	811
>CDH1-V473 VTVDVLDVNI	4517	>CDH1-V473 DTVDVLDVNI	430	4087
>CDH1-V473 TVTVDVLDV	248	>CDH1-V473 TDTVDVLDV	25349	25101
>CDH1-V473 TVTVDVLDV	14227	>CDH1-V473 TDTVDVLDV	50	14177
>CDH1-V473 EVSLTTSTAT\	109	>CDH1-V473 EVSLTTSTATE	26100	25991
>CDH1-V473 EVSLTTSTAT\	258	>CDH1-V473 EVSLTTSTATE	37350	37092
>CDH1-V473 EVSLTTSTAT\	8	>CDH1-V473 EVSLTTSTATE	7404	7396
>CDH1-V473 EVSLTTSTAT\	11	>CDH1-V473 EVSLTTSTATE	16199	16188
>CDH1-V473 ATVTVDVLD\	494	>CDH1-V473 ATDTVDVLD\	1716	1222
>CDH1-V473 ATVTVDVLD\	397	>CDH1-V473 ATDTVDVLD\	1230	833
>CDH1-V473 ATVTVDVLD\	1024	>CDH1-V473 ATDTVDVLD\	191	833
>CDH1-V473 ATVTVDVL	72	>CDH1-V473 ATDTVDVL	14984	14912
>CDH1-V473 ATVTVDVL	113	>CDH1-V473 ATDTVDVL	729	616
>CDH1-V473 TATVTVDV	2901	>CDH1-V473 TATDTVDV	165	2736
>CDH1-V473 TATVTVDVLC	4280	>CDH1-V473 TATDTVDVLC	308	3972
>CDH1-V473 TATVTVDV	211	>CDH1-V473 TATDTVDV	116	95
>CDH1-V473 TATVTVDVL	841	>CDH1-V473 TATDTVDVL	398	443
>CDH1-V473 STATVTVDV	436	>CDH1-V473 STATDTVDV	1290	854
>CDH1-V473 STATVTVDVL	583	>CDH1-V473 STATDTVDVL	417	166
>CDH1-V473 STATVTVDV	314	>CDH1-V473 STATDTVDV	598	284
>CDH1-V473 STATVTVDV	47	>CDH1-V473 STATDTVDV	232	185
>CDH1-V473 STATVTVDV	422	>CDH1-V473 STATDTVDV	296	126
>CDH1-V473 STATVTVDVL	213	>CDH1-V473 STATDTVDVL	60	153
>CDH1-V473 STATVTVDV	217	>CDH1-V473 STATDTVDV	1055	838
>CDH1-V473 STATVTVDVL	230	>CDH1-V473 STATDTVDVL	728	498

>CDH1-V473 STATVTVDV	7	>CDH1-V473 STATDTVDV	33	26
>CDH1-V473 STATVTVDVL	66	>CDH1-V473 STATDTVDVL	100	34
>CDH1-V473 STATVTVDV	70	>CDH1-V473 STATDTVDV	158	88
>CDH1-V473 STATVTVDVL	620	>CDH1-V473 STATDTVDVL	490	130
>CDH1-V473 STATVTVDVL	64	>CDH1-V473 STATDTVDVL	189	125
>CDH1-V473 TSTATVTV	26	>CDH1-V473 TSTATDTV	43	17
>CDH1-V473 TSTATVTVDV	77	>CDH1-V473 TSTATDTVDV	357	280
>CDH1-V473 TSTATVTV	491	>CDH1-V473 TSTATDTV	2315	1824
>CDH1-V473 TSTATVTVDV	266	>CDH1-V473 TSTATDTVDV	364	98
>CDH1-V473 TSTATVTVDV	384	>CDH1-V473 TSTATDTVDV	553	169
>CDH1-V473 TSTATVTVDV	89	>CDH1-V473 TSTATDTVDV	194	105
>CDH1-V473 TSTATVTV	70	>CDH1-V473 TSTATDTV	194	124
>CDH1-V473 TTSTATVTV	479	>CDH1-V473 TTSTATDTV	375	104
>CDH1-V473 TTSTATVTV	221	>CDH1-V473 TTSTATDTV	453	232
>CDH1-V473 TTSTATVTV	207	>CDH1-V473 TTSTATDTV	529	322
>CDH1-V473 TTSTATVTV	366	>CDH1-V473 TTSTATDTV	2773	2407
>CDH1-V473 TTSTATVTV	220	>CDH1-V473 TTSTATDTV	1630	1410
>CDH1-V473 TTSTATVTV	5	>CDH1-V473 TTSTATDTV	6	1
>CDH1-V473 TTSTATVTVD	9	>CDH1-V473 TTSTATDTVD	17	8
>CDH1-V473 TTSTATVTV	21	>CDH1-V473 TTSTATDTV	52	31
>CDH1-V473 TTSTATVTVD	122	>CDH1-V473 TTSTATDTVD	213	91
>CDH1-V473 TTSTATVTV	166	>CDH1-V473 TTSTATDTV	549	383
>CDH1-V473 LTTSTATV	463	>CDH1-V473 LTTSTATD	25239	24776
>CDH1-V473 LTTSTATVTV	242	>CDH1-V473 LTTSTATDTV	267	25
>CDH1-V473 LTTSTATV	161	>CDH1-V473 LTTSTATD	24475	24314
>CDH1-V473 LTTSTATVTV	84	>CDH1-V473 LTTSTATDTV	161	77
>CDH1-V473 LTTSTATV	148	>CDH1-V473 LTTSTATD	26795	26647
>CDH1-V473 LTTSTATVTV	149	>CDH1-V473 LTTSTATDTV	201	52
>CDH1-V473 LTTSTATV	168	>CDH1-V473 LTTSTATD	28940	28772
>CDH1-V473 LTTSTATVTV	280	>CDH1-V473 LTTSTATDTV	627	347
>CDH1-V473 LTTSTATV	343	>CDH1-V473 LTTSTATD	27142	26799
>CDH1-V473 LTTSTATVTV	227	>CDH1-V473 LTTSTATDTV	386	159
>CDH1-V473 LTTSTATV	19	>CDH1-V473 LTTSTATD	34650	34631
>CDH1-V473 LTTSTATVTV	28	>CDH1-V473 LTTSTATDTV	116	88
>CDH1-V473 LTTSTATV	60	>CDH1-V473 LTTSTATD	16270	16210
>CDH1-V473 LTTSTATVTV	47	>CDH1-V473 LTTSTATDTV	40	7
>CDH1-V473 LTTSTATV	128	>CDH1-V473 LTTSTATD	20208	20080
>CDH1-V473 LTTSTATVTV	157	>CDH1-V473 LTTSTATDTV	361	204
>CDH1-V473 LTTSTATV	107	>CDH1-V473 LTTSTATD	6505	6398
>CDH1-V473 LTTSTATVTV	264	>CDH1-V473 LTTSTATDTV	900	636
>CDH1-V473 LTTSTATVTV	35	>CDH1-V473 LTTSTATDTV	70	35
>CDH1-V473 LTTSTATV	239	>CDH1-V473 LTTSTATD	8583	8344
>CDH1-V473 LTTSTATVT	35	>CDH1-V473 LTTSTATDT	542	507

>CDH1-V473 LTTSTATVTV	35	>CDH1-V473 LTTSTATDTV	189	154
>CDH1-V473 SLTTSTATV	38	>CDH1-V473 SLTTSTATD	21488	21450
>CDH1-V473 SLTTSTATVTV	31	>CDH1-V473 SLTTSTATDTV	71	40
>CDH1-V473 SLTTSTATV	18	>CDH1-V473 SLTTSTATD	10247	10229
>CDH1-V473 SLTTSTATVTV	17	>CDH1-V473 SLTTSTATDTV	16	1
>CDH1-V473 SLTTSTATV	7	>CDH1-V473 SLTTSTATD	10828	10821
>CDH1-V473 SLTTSTATVTV	10	>CDH1-V473 SLTTSTATDTV	12	2
>CDH1-V473 SLTTSTATV	155	>CDH1-V473 SLTTSTATD	19454	19299
>CDH1-V473 SLTTSTATVTV	122	>CDH1-V473 SLTTSTATDTV	150	28
>CDH1-V473 SLTTSTATV	5	>CDH1-V473 SLTTSTATD	15195	15190
>CDH1-V473 SLTTSTATVTV	5	>CDH1-V473 SLTTSTATDTV	7	2
>CDH1-V473 SLTTSTATV	4	>CDH1-V473 SLTTSTATD	13485	13481
>CDH1-V473 SLTTSTATVTV	4	>CDH1-V473 SLTTSTATDTV	5	1
>CDH1-V473 SLTTSTATV	6	>CDH1-V473 SLTTSTATD	15134	15128
>CDH1-V473 SLTTSTATVTV	5	>CDH1-V473 SLTTSTATDTV	7	2
>CDH1-V473 SLTTSTATV	10	>CDH1-V473 SLTTSTATD	24070	24060
>CDH1-V473 SLTTSTATVTV	11	>CDH1-V473 SLTTSTATDTV	17	6
>CDH1-V473 SLTTSTATV	2	>CDH1-V473 SLTTSTATD	5797	5795
>CDH1-V473 SLTTSTATVT	113	>CDH1-V473 SLTTSTATDT	160	47
>CDH1-V473 SLTTSTATVTV	2	>CDH1-V473 SLTTSTATDTV	2	0
>CDH1-V473 SLTTSTATV	321	>CDH1-V473 SLTTSTATD	19417	19096
>CDH1-V473 SLTTSTATVTV	300	>CDH1-V473 SLTTSTATDTV	473	173
>CDH1-V473 SLTTSTATV	387	>CDH1-V473 SLTTSTATD	23054	22667
>CDH1-V473 SLTTSTATVTV	418	>CDH1-V473 SLTTSTATDTV	942	524
>CDH1-V473 VSLTTSTATV	417	>CDH1-V473 VSLTTSTATD	28373	27956
>CDH1-V473 VSLTTSTATV	193	>CDH1-V473 VSLTTSTATD	16040	15847
>CDH1-V473 VSLTTSTATV	41	>CDH1-V473 VSLTTSTATD	3927	3886
>CDH1-V473 VSLTTSTATVTV	495	>CDH1-V473 VSLTTSTATDTV	3786	3291
>CDH11-A48 AAPYEGFIC	235	>CDH11-A48 SAPYEGFIC	118	117
>CDH11-A48 AAPYEGFI	196	>CDH11-A48 SAPYEGFI	106	90
>CDH11-A48 FAAPYEGFI	138	>CDH11-A48 FSAPYEGFI	82	56
>CDH11-A48 FAAPYEGFI	30	>CDH11-A48 FSAPYEGFI	43	13
>CDH11-A48 FAAPYEGFI	297	>CDH11-A48 FSAPYEGFI	1869	1572
>CDH11-A48 FAAPYEGF	202	>CDH11-A48 FSAPYEGF	998	796
>CDH11-A48 FAAPYEGFI	42	>CDH11-A48 FSAPYEGFI	210	168
>CDH11-A48 FAAPYEGFI	31	>CDH11-A48 FSAPYEGFI	35	4
>CDH11-A48 FAAPYEGF	391	>CDH11-A48 FSAPYEGF	212	179
>CDH11-A48 FAAPYEGF	66	>CDH11-A48 FSAPYEGF	43	23
>CDH11-A48 FAAPYEGF	16	>CDH11-A48 FSAPYEGF	5	11
>CDH11-A48 FAAPYEGFI	1364	>CDH11-A48 FSAPYEGFI	169	1195
>CDH11-A48 FAAPYEGF	39	>CDH11-A48 FSAPYEGF	344	305
>CDH11-A48 FAAPYEGF	81	>CDH11-A48 FSAPYEGF	38	43
>CDH11-A48 FAAPYEGFI	1111	>CDH11-A48 FSAPYEGFI	294	817



>CDH11-A48 FAAPYEGFI	1346	>CDH11-A48 FSAPYEGFI	388	958
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>CDH11-A48 FAAPYEGF	339	>CDH11-A48 FSAPYEGF	900	561
>CDH11-A48 FAAPYEGFI	104	>CDH11-A48 FSAPYEGFI	254	150
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>CDH11-A48 KFAAPYEGF	12	>CDH11-A48 KFSAPYEGF	13	1
>CDH11-A48 KFAAPYEGFI	139	>CDH11-A48 KFSAPYEGFI	132	7
>CDH11-A48 KFAAPYEGF	346	>CDH11-A48 KFSAPYEGF	265	81
>CDH11-A48 KFAAPYEGFI	207	>CDH11-A48 KFSAPYEGFI	336	129
>CDH11-A48 PKFAAPYEGF	9	>CDH11-A48 PKFSAPYEGF	7	2
>CDH11-A48 PKFAAPYEGF	796	>CDH11-A48 PKFSAPYEGFI	408	388
>CDH11-A48 APKFAAPYEG	222	>CDH11-A48 APKFSAPYEG	991	769
>CDH11-A48 APKFAAPY	1080	>CDH11-A48 APKFSAPY	429	651
>CDH11-A48 APKFAAPYEG	1076	>CDH11-A48 APKFSAPYEG	471	605
>CDH11-A48 APKFAAPY	68	>CDH11-A48 APKFSAPY	75	7
>CDH11-A48 APKFAAPY	95	>CDH11-A48 APKFSAPY	77	18
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>CDH11-A48 NAPKFAAPY	1018	>CDH11-A48 NAPKFSAPY	453	565
>CDH11-A48 NAPKFAAPY	50	>CDH11-A48 NAPKFSAPY	32	18
>CDH11-A48 NAPKFAAPY	2986	>CDH11-A48 NAPKFSAPY	473	2513
>CDH11-A48 DVNDNAPKF	220	>CDH11-A48 DVNDNAPKF	211	9
>CDH11-A48 DVNDNAPKF	86	>CDH11-A48 DVNDNAPKF	101	15
>CDH11-E64IKKEPLIVF	26	>CDH11-E64IKKDPLIVF	48	22
>CDH11-E64IQKKEPLIV	252	>CDH11-E64IQKKDPLIV	351	99
>CDH11-E64IQKKEPLIV	5	>CDH11-E64IQKKDPLIVF	6	1
>CDH11-E64IRQKKEPLIV	517	>CDH11-E64IRQKKDPLIV	428	89
>CDH11-E64IRQKKEPLI	76	>CDH11-E64IRQKKDPLI	109	33
>CDH11-E64IRQKKEPLIV	157	>CDH11-E64IRQKKDPLIV	305	148
>CDH11-E64IRQKKEPLIVF	33	>CDH11-E64IRQKKDPLIVF	32	1
>CDH11-E64IRQKKEPLI	99	>CDH11-E64IRQKKDPLI	130	31
>CDH11-E64IRQKKEPLIV	18	>CDH11-E64IRQKKDPLIV	21	3
>CDH11-E64IRQKKEPLIVF	2	>CDH11-E64IRQKKDPLIVF	2	0
>CDH11-E64IRQKKEPLI	449	>CDH11-E64IRQKKDPLI	616	167
>CDH11-E64IRQKKEPLI	1055	>CDH11-E64IRQKKDPLI	421	634
>CDH11-E64IRQKKEPLIV	809	>CDH11-E64IRQKKDPLIV	431	378
>CDH11-E64IRRQKKEPLIVI	37	>CDH11-E64IRRQKKDPLIV	49	12
>CDH11-E64IRRQKKEPL	68	>CDH11-E64IRRQKKDPL	89	21
>CDH11-E64IRRQKKEPLI	118	>CDH11-E64IRRQKKDPLI	114	4
>CDH11-E64IRRQKKEPLIV	26	>CDH11-E64IRRQKKDPLIV	31	5
>CDH11-E64IRRQKKEPLIVI	103	>CDH11-E64IRRQKKDPLIV	104	1
>CDH11-E64IRRQKKEPL	7	>CDH11-E64IRRQKKDPL	9	2
>CDH11-E64IRRQKKEPLI	24	>CDH11-E64IRRQKKDPLI	28	4
>CDH11-E64IRRQKKEPLIV	16	>CDH11-E64IRRQKKDPLIV	15	1

>CDH11-E64 RRQKKEPLIV	29	>CDH11-E64 RRQKKDPLIV	31	2
>CDH11-E64 RRQKKEPL	29	>CDH11-E64 RRQKKDPL	50	21
>CDH11-E64 RRQKKEPLI	33	>CDH11-E64 RRQKKDPLI	41	8
>CDH11-E64 RRQKKEPLIV	20	>CDH11-E64 RRQKKDPLIV	22	2
>CDH11-E64 RRQKKEPLIV	25	>CDH11-E64 RRQKKDPLIV	28	3
>CDH11-E64 LRRQKKEPL	113	>CDH11-E64 LRRQKKDPL	234	121
>CDH11-E64 LRRQKKEPLI	254	>CDH11-E64 LRRQKKDPLI	203	51
>CDH11-E64 LRRQKKEPLI	271	>CDH11-E64 LRRQKKDPLI	263	8
>CDH11-E64 TLRRQKKEPL	150	>CDH11-E64 TLRRQKKDPL	346	196
>CDH11-E64 TLRRQKKEPLI	212	>CDH11-E64 TLRRQKKDPL	307	95
>CDH11-E64 TLRRQKKEPLI	153	>CDH11-E64 TLRRQKKDPL	184	31
>CDH11-E64 VTLRRQKKEP	100	>CDH11-E64 VTLRRQKKDF	112	12
>CDH11-E64 VTLRRQKKEP	47	>CDH11-E64 VTLRRQKKDF	90	43
>CDH11-I103 IDDKSGNI	129	>CDH11-I103 VDDKSGNI	119	10
>CDH11-I103 VIDDKSGNI	317	>CDH11-I103 VVDDKSGNI	1082	765
>CDH11-I103 SGEGAGTIFV	366	>CDH11-I103 SGEGAGTIFV	16266	15900
>CDH11-I103 FVIDDKSGNI	233	>CDH11-I103 FVVDDKSGNI	461	228
>CDH11-I103 FVIDDKSGNI	86	>CDH11-I103 FVVDDKSGNI	163	77
>CDH11-I103 FVIDDKSGNI	92	>CDH11-I103 FVVDDKSGNI	141	49
>CDH11-I103 FVIDDKSGNI	316	>CDH11-I103 FVVDDKSGNI	501	185
>CDH11-I103 FVIDDKSGNI	280	>CDH11-I103 FVVDDKSGNI	1050	770
>CDH11-I103 FVIDDKSGNI	143	>CDH11-I103 FVVDDKSGNI	190	47
>CDH11-I103 FVIDDKSGNI	183	>CDH11-I103 FVVDDKSGNI	205	22
>CDH11-I103 FVIDDKSGNI	110	>CDH11-I103 FVVDDKSGNI	152	42
>CDH11-I103 TIFVIDDK	52	>CDH11-I103 TIFVVDDK	46	6
>CDH11-I103 TIFVIDDK	15	>CDH11-I103 TIFVVDDK	15	0
>CDH11-I103 GTIFVIDDK	22	>CDH11-I103 GTIFVVDDK	24	2
>CDH11-I103 GTIFVIDDK	31	>CDH11-I103 GTIFVVDDK	31	0
>CDH11-I103 GTIFVIDDK	153	>CDH11-I103 GTIFVVDDK	189	36
>CDH11-I103 GAGTIFVIDDI	349	>CDH11-I103 GAGTIFVVDE	403	54
>CDH11-I103 GAGTIFVI	432	>CDH11-I103 GAGTIFVV	4729	4297
>CDH11-I103 GAGTIFVI	477	>CDH11-I103 GAGTIFVV	13383	12906
>CDH11-I103 EGAGTIFVI	137	>CDH11-I103 EGAGTIFVV	32	105
>CDH11-I103 EGAGTIFVI	1367	>CDH11-I103 EGAGTIFVV	280	1087
>CDH11-I103 GEGAGTIFVI	136	>CDH11-I103 GEGAGTIFVV	1457	1321
>CDH11-I103 GEGAGTIFVI	275	>CDH11-I103 GEGAGTIFVV	400	125
>CDH11-I103 GEGAGTIFVI	19	>CDH11-I103 GEGAGTIFVV	168	149
>CDH11-I103 GEGAGTIFVI	498	>CDH11-I103 GEGAGTIFVV	663	165
>CDH11-P38 PPMFLAPSYI	67	>CDH11-P38 HPMFLAPSYI	66	1
>CDH11-P38 PPMFLAPSY	1454	>CDH11-P38 HPMFLAPSY	345	1109
>CDH11-P38 PPMFLAPSYI	4073	>CDH11-P38 HPMFLAPSYI	236	3837
>CDH11-P38 PPMFLAPSYI	1066	>CDH11-P38 HPMFLAPSYI	131	935
>CDH11-P38 PPMFLAPSY	4282	>CDH11-P38 HPMFLAPSY	448	3834

>CDH11-P38:PPMFLAPS	6394	>CDH11-P38:HPMFLAPS	136	6258
>CDH11-P38:PPMFLAPSY	51	>CDH11-P38:HPMFLAPSY	9	42
>CDH11-P38:PPMFLAPSYII	1164	>CDH11-P38:HPMFLAPSYII	40	1124
>CDH11-P38:PPMFLAPSY	103	>CDH11-P38:HPMFLAPSY	41	62
>CDH11-P38:PPMFLAPSYI	3867	>CDH11-P38:HPMFLAPSYI	454	3413
>CDH11-P38:PPMFLAPS	1918	>CDH11-P38:HPMFLAPS	176	1742
>CDH11-P38:PPMFLAPSYI	3238	>CDH11-P38:HPMFLAPSYI	57	3181
>CDH11-P38:PPMFLAPSY	1388	>CDH11-P38:HPMFLAPSY	33	1355
>CDH11-P38:EPPMFLAPSY	1880	>CDH11-P38:EHPMFLAPSY	329	1551
>CDH11-P38:EPPMFLAPSY	217	>CDH11-P38:EHPMFLAPSY	1439	1222
>CDH11-P38:EPPMFLAPSY	337	>CDH11-P38:EHPMFLAPSY	3473	3136
>CDH11-P38:DEPPMFLA	2373	>CDH11-P38:DEHPMFLA	207	2166
>CDH11-P38:DEPPMFLAP	1233	>CDH11-P38:DEHPMFLAP	117	1116
>CDH11-P38:DEPPMFLAP	8	>CDH11-P38:DEHPMFLAP	4	4
>CDH11-P38:DEPPMFLAP	1011	>CDH11-P38:DEHPMFLAP	123	888
>CDH11-P38:DEPPMFLA	9405	>CDH11-P38:DEHPMFLA	106	9299
>CDH11-P38:ADEPPMFL	322	>CDH11-P38:ADEHPMFL	349	27
>CDH11-P38:ADEPPMFLA	438	>CDH11-P38:ADEHPMFLA	604	166
>CDH11-P38:DADEPPMFL	15	>CDH11-P38:DADEHPMFL	31	16
>CDH11-P38:DADEPPMFL	32	>CDH11-P38:DADEHPMFL	66	34
>CDH11-P38:VEDADEPPM	156	>CDH11-P38:VEDADEHPM	99	57
>CDH11-P38:VEDADEPPM	38	>CDH11-P38:VEDADEHPM	31	7
>CDH11-P38:SVEDADEPPM	731	>CDH11-P38:SVEDADEHPM	408	323
>CDH11-P38:ISVEDADEPPI	438	>CDH11-P38:ISVEDADEHP	366	72
>CDH11-P38:ISVEDADEPPI	76	>CDH11-P38:ISVEDADEHP	72	4
>CDH11-P38:ISVEDADEPPI	11	>CDH11-P38:ISVEDADEHP	12	1
>CDH11-P38:ISVEDADEPPI	83	>CDH11-P38:ISVEDADEHP	91	8
>CDH11-P38:ISVEDADEPPI	821	>CDH11-P38:ISVEDADEHP	336	485
>CDH11-P47:PVAIRVLDV	2728	>CDH11-P47:RVAIRVLDV	72	2656
>CDH11-P47:PVAIRVLDV	11780	>CDH11-P47:RVAIRVLDV	329	11451
>CDH11-P47:PVAIRVLDV	3788	>CDH11-P47:RVAIRVLDV	475	3313
>CDH11-P47:PVAIRVLDV	1408	>CDH11-P47:RVAIRVLDV	121	1287
>CDH11-P47:VPVAIRVL	106	>CDH11-P47:VRVAIRVL	27366	27260
>CDH11-P47:VPVAIRVLDV	39	>CDH11-P47:VRVAIRVLDV	20689	20650
>CDH11-P47:VPVAIRVL	33	>CDH11-P47:VRVAIRVL	20245	20212
>CDH11-P47:VPVAIRVL	6412	>CDH11-P47:VRVAIRVL	496	5916
>CDH11-P47:VPVAIRVL	24914	>CDH11-P47:VRVAIRVL	192	24722
>CDH11-P47:VPVAIRVL	446	>CDH11-P47:VRVAIRVL	24089	23643
>CDH11-P47:VPVAIRVL	417	>CDH11-P47:VRVAIRVL	168	249
>CDH11-P47:VPVAIRVLDV	227	>CDH11-P47:VRVAIRVLDV	29058	28831
>CDH11-P47:VPVAIRVL	189	>CDH11-P47:VRVAIRVL	26596	26407
>CDH11-P47:VPVAIRVLDV	31113	>CDH11-P47:VRVAIRVLDV	375	30738
>CDH11-P47:KVPVAIRV	100	>CDH11-P47:KVRVAIRV	977	877

>CDH11-P47:KVPVAIRVLD'	461	>CDH11-P47:KVRVAIRVLD'	2671	2210
>CDH11-P47:KVPVAIRV	261	>CDH11-P47:KVRVAIRV	1468	1207
>CDH11-P47:KVPVAIRV	428	>CDH11-P47:KVRVAIRV	3842	3414
>CDH11-P47:KVPVAIRV	146	>CDH11-P47:KVRVAIRV	266	120
>CDH11-P47:KVPVAIRVLD'	460	>CDH11-P47:KVRVAIRVLD'	973	513
>CDH11-P47:KVPVAIRV	2497	>CDH11-P47:KVRVAIRV	5	2492
>CDH11-P47:KVPVAIRVL	3103	>CDH11-P47:KVRVAIRVL	5	3098
>CDH11-P47:KVPVAIRVLD	5942	>CDH11-P47:KVRVAIRVLD	57	5885
>CDH11-P47:KVPVAIRVLD'	3470	>CDH11-P47:KVRVAIRVLD'	5	3465
>CDH11-P47:KVPVAIRVL	3758	>CDH11-P47:KVRVAIRVL	29	3729
>CDH11-P47:KVPVAIRVL	11059	>CDH11-P47:KVRVAIRVL	204	10855
>CDH11-P47:KVPVAIRV	63	>CDH11-P47:KVRVAIRV	20302	20239
>CDH11-P47:KVPVAIRVL	24	>CDH11-P47:KVRVAIRVL	9834	9810
>CDH11-P47:AKVPVAIR	463	>CDH11-P47:AKVRVAIR	532	69
>CDH11-P47:AKVPVAIRVL	80	>CDH11-P47:AKVRVAIRVL	62	18
>CDH11-P47:AKVPVAIRVL	222	>CDH11-P47:AKVRVAIRVL	537	315
>CDH11-P47:EAKVPVAIR	784	>CDH11-P47:EAKVRVAIR	166	618
>CDH11-P47:EAKVPVAIR	89	>CDH11-P47:EAKVRVAIR	30	59
>CDH11-P47:EAKVPVAIR	26	>CDH11-P47:EAKVRVAIR	22	4
>CDH11-P47:EAKVPVAI	423	>CDH11-P47:EAKVRVAI	998	575
>CDH11-P47:EAKVPVAIRV	115	>CDH11-P47:EAKVRVAIRV	313	198
>CDH11-P47:EAKVPVAIRV	260	>CDH11-P47:EAKVRVAIRV	1278	1018
>CDH11-P47:EAKVPVAI	4187	>CDH11-P47:EAKVRVAI	96	4091
>CDH11-P47:EAKVPVAIRV	3008	>CDH11-P47:EAKVRVAIRV	105	2903
>CDH11-P47:QEAKVPVA	539	>CDH11-P47:QEAKVRVA	74	465
>CDH11-P47:QEAKVPVAI	42	>CDH11-P47:QEAKVRVAI	12	30
>CDH11-P47:QEAKVPVAIR	171	>CDH11-P47:QEAKVRVAIR	68	103
>CDH11-P47:QEAKVPVAI	44	>CDH11-P47:QEAKVRVAI	32	12
>CDH11-P47:QEAKVPVAIR	351	>CDH11-P47:QEAKVRVAIR	269	82
>CDH11-P47:QEAKVPVA	16	>CDH11-P47:QEAKVRVA	22	6
>CDH11-P47:QEAKVPVAI	196	>CDH11-P47:QEAKVRVAI	134	62
>CDH11-P47:QEAKVPVAIR	86	>CDH11-P47:QEAKVRVAIR	74	12
>CDH11-P47:QEAKVPVAI	14	>CDH11-P47:QEAKVRVAI	16	2
>CDH11-P47:QEAKVPVAIR	37	>CDH11-P47:QEAKVRVAIR	34	3
>CDH11-P47:HQEAKVPV	112	>CDH11-P47:HQEAKVRV	1280	1168
>CDH11-P47:HQEAKVPVAI	195	>CDH11-P47:HQEAKVRVAI	153	42
>CDH11-P47:HQEAKVPV	165	>CDH11-P47:HQEAKVRV	2302	2137
>CDH11-P47:HQEAKVPVAI	47	>CDH11-P47:HQEAKVRVAI	98	51
>CDH11-P47:HQEAKVPVAI	336	>CDH11-P47:HQEAKVRVAI	362	26
>CDH11-P47:RHQEAKVPV,	430	>CDH11-P47:RHQEAKVRV,	621	191
>CDH11-P47:RHQEAKVPV,	182	>CDH11-P47:RHQEAKVRV,	338	156
>CDH11-P47:RHQEAKVP	35471	>CDH11-P47:RHQEAKVR	446	35025
>CDH11-P47:NRHQEAKVP'	215	>CDH11-P47:NRHQEAKVR'	2051	1836

>CDH11-P47:NRHQEAKVP'	463	>CDH11-P47:NRHQEAKVR'	1128	665
>CDH11-P47:HNRHQEAKV	71	>CDH11-P47:HNRHQEAKV	422	351
>CDH11-P68:PDGINGFI	6565	>CDH11-P68:SDGINGFI	146	6419
>CDH11-P68:PDGINGFI	88	>CDH11-P68:SDGINGFI	85	3
>CDH11-P68:NPDGINGFIP	1517	>CDH11-P68:NSDGINGFIP	257	1260
>CDH11-P68:NPDGINGFIP	1754	>CDH11-P68:NSDGINGFIP	107	1647
>CDH11-P68:NPDGINGFI	6357	>CDH11-P68:NSDGINGFI	173	6184
>CDH11-P68:NPDGINGF	100	>CDH11-P68:NSDGINGF	3751	3651
>CDH11-P68:NPDGINGF	14220	>CDH11-P68:NSDGINGF	241	13979
>CDH11-P68:NPDGINGFI	5849	>CDH11-P68:NSDGINGFI	372	5477
>CDH11-P68:EAFDIATLQN	3712	>CDH11-P68:EAFDIATLQN	191	3521
>CDH11-P68:LQNPDGINGFI	447	>CDH11-P68:LQNSDGINGFI	638	191
>CDH11-P68:LQNPDGINGFI	387	>CDH11-P68:LQNSDGINGFI	370	17
>CDH11-P68:LQNPDGINGFI	417	>CDH11-P68:LQNSDGINGFI	398	19
>CDH11-P68:LQNPDGINGFI	91	>CDH11-P68:LQNSDGINGFI	205	114
>CDH11-P68:LQNPDGINGFI	38	>CDH11-P68:LQNSDGINGFI	37	1
>CDH11-P68:LQNPDGINGFI	7	>CDH11-P68:LQNSDGINGFI	5	2
>CDH11-P68:LQNPDGINGFI	502	>CDH11-P68:LQNSDGINGFI	287	215
>CDH11-P68:TLQNPDGI	94	>CDH11-P68:TLQNSDGI	252	158
>CDH11-P68:TLQNPDGI	71	>CDH11-P68:TLQNSDGI	43	28
>CDH11-P68:TLQNPDGI	385	>CDH11-P68:TLQNSDGI	235	150
>CDH11-P68:TLQNPDGING	336	>CDH11-P68:TLQNSDGING	174	162
>CDH11-P68:TLQNPDGING	43	>CDH11-P68:TLQNSDGING	51	8
>CDH11-P68:ATLQNPDGI	54	>CDH11-P68:ATLQNSDGI	53	1
>CDH11-P68:ATLQNPDGI	121	>CDH11-P68:ATLQNSDGI	331	210
>CDH11-P68:ATLQNPDGI	160	>CDH11-P68:ATLQNSDGI	111	49
>CDH11-P68:ATLQNPDGI	818	>CDH11-P68:ATLQNSDGI	365	453
>CDH11-P68:ATLQNPDGI	158	>CDH11-P68:ATLQNSDGI	56	102
>CDH11-P68:ATLQNPDGI	129	>CDH11-P68:ATLQNSDGI	119	10
>CDH11-P68:DIATLQNPDC	54	>CDH11-P68:DIATLQNSDG	48	6
>CDH11-P68:DIATLQNPDC	546	>CDH11-P68:DIATLQNSDG	463	83
>CDH11-P71:IPAPNSVDV	11663	>CDH11-P71:ISAPNSVDV	463	11200
>CDH11-P71:IPAPNSVDVDI	1890	>CDH11-P71:ISAPNSVDVDI	137	1753
>CDH11-P71:IRPAPNSVDV	105	>CDH11-P71:IRSAPNSVDV	26591	26486
>CDH11-P71:IRPAPNSVDV	24	>CDH11-P71:IRSAPNSVDV	9717	9693
>CDH11-P71:IRPAPNSVDV	2800	>CDH11-P71:IRSAPNSVDV	374	2426
>CDH11-P71:IRPAPNSVDV	19646	>CDH11-P71:IRSAPNSVDV	64	19582
>CDH11-P71:IYQYMPRPGLI	242	>CDH11-P71:IYQYMPRPGLI	321	79
>CDH11-P71:ILRPAPNSV	1374	>CDH11-P71:ILRSAPNSV	249	1125
>CDH11-P71:ILRPAPNSVDV	1261	>CDH11-P71:ILRSAPNSVDV	234	1027
>CDH11-P71:ILRPAPNSV	81	>CDH11-P71:ILRSAPNSV	69	12
>CDH11-P71:ILRPAPNSV	5	>CDH11-P71:ILRSAPNSV	5	0
>CDH11-P71:ILRPAPNSVC	23	>CDH11-P71:ILRSAPNSVC	22	1

>CDH11-P71 GLRPAPNSV	26	>CDH11-P71 GLRSAPNSV	27	1
>CDH11-P71 GLRPAPNSVE	96	>CDH11-P71 GLRSAPNSVE	108	12
>CDH11-P71 GLRPAPNSV	24	>CDH11-P71 GLRSAPNSV	38	14
>CDH11-P71 GLRPAPNSVE	55	>CDH11-P71 GLRSAPNSVE	71	16
>CDH11-P71 GLRPAPNSV	35	>CDH11-P71 GLRSAPNSV	48	13
>CDH11-P71 GLRPAPNSVE	39	>CDH11-P71 GLRSAPNSVE	51	12
>CDH11-P71 GLRPAPNSV	4	>CDH11-P71 GLRSAPNSV	7	3
>CDH11-P71 GLRPAPNSVE	5	>CDH11-P71 GLRSAPNSVE	6	1
>CDH11-P71 GLRPAPNSV	65	>CDH11-P71 GLRSAPNSV	118	53
>CDH11-P71 GLRPAPNSVE	440	>CDH11-P71 GLRSAPNSVE	731	291
>CDH11-P71 RPGLRPAPNS	34	>CDH11-P71 RPGLRSAPNS	22	12
>CDH11-P71 MPRPGLRP	947	>CDH11-P71 MPRPGLRS	300	647
>CDH11-P71 MPRPGLRPA	10	>CDH11-P71 MPRPGLRSA	12	2
>CDH11-P71 MPRPGLRPA	239	>CDH11-P71 MPRPGLRSA	129	110
>CDH11-P71 MPRPGLRPA	285	>CDH11-P71 MPRPGLRSA	1482	1197
>CDH11-P71 MPRPGLRP	722	>CDH11-P71 MPRPGLRS	389	333
>CDH11-P71 MPRPGLRPA	6	>CDH11-P71 MPRPGLRSA	9	3
>CDH11-P71 MPRPGLRPA	84	>CDH11-P71 MPRPGLRSA	107	23
>CDH11-P71 YMPRPGLRP/	284	>CDH11-P71 YMPRPGLRS/	370	86
>CDH11-P71 YMPRPGLRP/	30	>CDH11-P71 YMPRPGLRS/	23	7
>CDH11-P71 YMPRPGLRP/	138	>CDH11-P71 YMPRPGLRS/	217	79
>CDH11-P71 YMPRPGLRP	1913	>CDH11-P71 YMPRPGLRS	309	1604
>CDH11-P71 YMPRPGLRP/	9	>CDH11-P71 YMPRPGLRS/	9	0
>CDH11-P71 YMPRPGLRP/	166	>CDH11-P71 YMPRPGLRS/	267	101
>CDH11-P71 YMPRPGLRP/	117	>CDH11-P71 YMPRPGLRS/	148	31
>CDH11-P71 YMPRPGLRP/	15	>CDH11-P71 YMPRPGLRS/	10	5
>CDH11-P71 QYMPRPGLR	308	>CDH11-P71 QYMPRPGLR	249	59
>CDH11-R22 REAKEEYHV	623	>CDH11-R22 WEAKEEYHV'	135	488
>CDH11-R22 REAKEEYHV	238	>CDH11-R22 WEAKEEYHV'	59	179
>CDH11-R22 REAKEEYHV	6484	>CDH11-R22 WEAKEEYHV'	260	6224
>CDH11-R22 REAKEEYHV	37	>CDH11-R22 WEAKEEYHV'	53	16
>CDH11-R22 REAKEEYHV	72	>CDH11-R22 WEAKEEYHV'	174	102
>CDH11-R22 REAKEEYHV	232	>CDH11-R22 WEAKEEYHV'	225	7
>CDH11-R22 REAKEEYHV	270	>CDH11-R22 WEAKEEYHV'	4096	3826
>CDH11-R22 REAKEEYHV	437	>CDH11-R22 WEAKEEYHV'	3452	3015
>CDH11-R22 REAKEEYHV	165	>CDH11-R22 WEAKEEYHV'	1920	1755
>CDH11-R22 REAKEEYHV	35	>CDH11-R22 WEAKEEYHV'	38	3
>CDH11-R22 REAKEEYHV	74	>CDH11-R22 WEAKEEYHV'	42	32
>CDH11-R22 REAKEEYHV	12	>CDH11-R22 WEAKEEYHV'	10	2
>CDH11-R22 DREAKEEYHV	28503	>CDH11-R22 DWEAKEEYH'	460	28043
>CDH11-R22 IIRTALPNMD	162	>CDH11-R22 IIRTALPNMD'	3433	3271
>CDH11-R22 IIRTALPNMD	22843	>CDH11-R22 IIRTALPNMD'	237	22606
>CDH11-R22 IIRTALPNMD	24524	>CDH11-R22 IIRTALPNMD'	237	24287

>CDH11-R22 MDREAKEY	599	>CDH11-R22 MDWEAKEY	141	458
>CDH11-R22 MDREAKEY	1833	>CDH11-R22 MDWEAKEY	78	1755
>CDH11-R22 MDREAKEYI	287	>CDH11-R22 MDWEAKEY	117	170
>CDH11-R22 LPNMDREA	795	>CDH11-R22 LPNMDWEA	204	591
>CDH11-R22 LPNMDREA	3459	>CDH11-R22 LPNMDWEA	492	2967
>CDH11-R22 LPNMDREA	84	>CDH11-R22 LPNMDWEA	53	31
>CDH11-R22 ALPNMDREA	6977	>CDH11-R22 ALPNMDWEA	74	6903
>CDH11-R22 ALPNMDREA	6167	>CDH11-R22 ALPNMDWEA	169	5998
>CDH11-R22 ALPNMDREA	1177	>CDH11-R22 ALPNMDWEA	296	881
>CDH11-R22 ALPNMDREA	11338	>CDH11-R22 ALPNMDWEA	73	11265
>CDH11-R22 ALPNMDREA	1366	>CDH11-R22 ALPNMDWEA	32	1334
>CDH11-R22 ALPNMDREA	6389	>CDH11-R22 ALPNMDWEA	46	6343
>CDH11-R22 ALPNMDREA	1084	>CDH11-R22 ALPNMDWEA	13	1071
>CDH11-R22 ALPNMDREA	96	>CDH11-R22 ALPNMDWEA	4	92
>CDH11-R22 ALPNMDREA	256	>CDH11-R22 ALPNMDWEA	108	148
>CDH11-R22 TALPNMDRE	3453	>CDH11-R22 TALPNMDWEA	259	3194
>CDH11-R22 TALPNMDRE	111	>CDH11-R22 TALPNMDWEA	117	6
>CDH11-R22 TALPNMDR	99	>CDH11-R22 TALPNMDW	28336	28237
>CDH11-R22 TALPNMDRE	307	>CDH11-R22 TALPNMDWEA	360	53
>CDH11-R22 TALPNMDR	20003	>CDH11-R22 TALPNMDW	16	19987
>CDH11-R22 TALPNMDR	35640	>CDH11-R22 TALPNMDW	494	35146
>CDH11-R22 TALPNMDR	21752	>CDH11-R22 TALPNMDW	47	21705
>CDH11-R22 TALPNMDR	21839	>CDH11-R22 TALPNMDW	49	21790
>CDH11-R22 TALPNMDR	31715	>CDH11-R22 TALPNMDW	99	31616
>CDH11-R22 TALPNMDRE	918	>CDH11-R22 TALPNMDWEA	187	731
>CDH11-R22 RTALPNMDR	142	>CDH11-R22 RTALPNMDW	22284	22142
>CDH11-R22 RTALPNMDR	191	>CDH11-R22 RTALPNMDW	20835	20644
>CDH11-R22 RTALPNMDR	9149	>CDH11-R22 RTALPNMDW	103	9046
>CDH11-R22 RTALPNMDR	94	>CDH11-R22 RTALPNMDW	28044	27950
>CDH11-R22 RTALPNMDR	1825	>CDH11-R22 RTALPNMDW	222	1603
>CDH11-R22 RTALPNMDR	9383	>CDH11-R22 RTALPNMDW	6	9377
>CDH11-R22 RTALPNMDR	22003	>CDH11-R22 RTALPNMDW	46	21957
>CDH11-R22 RTALPNMDR	20411	>CDH11-R22 RTALPNMDW	13	20398
>CDH11-R22 RTALPNMDR	7508	>CDH11-R22 RTALPNMDW	468	7040
>CDH11-R22 RTALPNMDR	322	>CDH11-R22 RTALPNMDW	34838	34516
>CDH11-R22 IRTALPNMDF	257	>CDH11-R22 IRTALPNMDW	1510	1253
>CDH11-R22 IRTALPNMDF	17043	>CDH11-R22 IRTALPNMDW	75	16968
>CDK6-P199I PVDLWSVGC	10800	>CDK6-P199I LVDLWSVGC	441	10359
>CDK6-P199I TPVDLWSV	14601	>CDK6-P199I TLVDLWSV	12	14589
>CDK6-P199I TPVDLWSV	14281	>CDK6-P199I TLVDLWSV	6	14275
>CDK6-P199I TPVDLWSVG	31329	>CDK6-P199I TLVDLWSVG	183	31146
>CDK6-P199I TPVDLWSV	12705	>CDK6-P199I TLVDLWSV	5	12700
>CDK6-P199I TPVDLWSVG	20304	>CDK6-P199I TLVDLWSVG	46	20258

>CDK6-P199I TPVDLWSV	493	>CDK6-P199I TLVDLWSV	4	489
>CDK6-P199I TPVDLWSVG	17347	>CDK6-P199I TLVDLWSVG	415	16932
>CDK6-P199I TPVDLWSV	5339	>CDK6-P199I TLVDLWSV	2	5337
>CDK6-P199I TPVDLWSVG	24212	>CDK6-P199I TLVDLWSVG	135	24077
>CDK6-P199I TPVDLWSVG	24637	>CDK6-P199I TLVDLWSVG	83	24554
>CDK6-P199I TPVDLWSV	11770	>CDK6-P199I TLVDLWSV	5	11765
>CDK6-P199I TPVDLWSVG	25139	>CDK6-P199I TLVDLWSVG	337	24802
>CDK6-P199I TPVDLWSV	11677	>CDK6-P199I TLVDLWSV	5	11672
>CDK6-P199I TPVDLWSVG	25418	>CDK6-P199I TLVDLWSVG	112	25306
>CDK6-P199I TPVDLWSV	17276	>CDK6-P199I TLVDLWSV	7	17269
>CDK6-P199I TPVDLWSV	4912	>CDK6-P199I TLVDLWSV	2	4910
>CDK6-P199I TPVDLWSVG	33593	>CDK6-P199I TLVDLWSVG	52	33541
>CDK6-P199I TPVDLWSVG	33746	>CDK6-P199I TLVDLWSVG	86	33660
>CDK6-P199I TPVDLWSV	370	>CDK6-P199I TLVDLWSV	66	304
>CDK6-P199I TPVDLWSV	122	>CDK6-P199I TLVDLWSV	41	81
>CDK6-P199I TPVDLWSVG	344	>CDK6-P199I TLVDLWSVG	19149	18805
>CDK6-P199I TPVDLWSV	334	>CDK6-P199I TLVDLWSV	28296	27962
>CDK6-P199I TPVDLWSVG	250	>CDK6-P199I TLVDLWSVG	23656	23406
>CDK6-P199I TPVDLWSV	302	>CDK6-P199I TLVDLWSV	30524	30222
>CDK6-P199I EVLLQSSYATI	14667	>CDK6-P199I EVLLQSSYATI	146	14521
>CDK6-P199I EVLLQSSYATI	15318	>CDK6-P199I EVLLQSSYATI	211	15107
>CDK6-P199I EVLLQSSYATI	6882	>CDK6-P199I EVLLQSSYATI	18	6864
>CDK6-P199I ATPVDLWSV	234	>CDK6-P199I ATLVDLWSV	23	211
>CDK6-P199I ATPVDLWSV	378	>CDK6-P199I ATLVDLWSV	213	165
>CDK6-P199I ATPVDLWSV	242	>CDK6-P199I ATLVDLWSV	456	214
>CDK6-P199I ATPVDLWSV	7	>CDK6-P199I ATLVDLWSV	4	3
>CDK6-P199I ATPVDLWSV	35	>CDK6-P199I ATLVDLWSV	6	29
>CDK6-P199I ATPVDLWSV	101	>CDK6-P199I ATLVDLWSV	8	93
>CDK6-P199I ATPVDLWSV	74	>CDK6-P199I ATLVDLWSV	10	64
>CDK6-P199I ATPVDLWSV	1191	>CDK6-P199I ATLVDLWSV	19	1172
>CDK6-P199I ATPVDLWSV	13	>CDK6-P199I ATLVDLWSV	7	6
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>CDK6-P199I ATPVDLWSV	799	>CDK6-P199I ATLVDLWSV	15	784
>CDK6-P199I ATPVDLWSV	13	>CDK6-P199I ATLVDLWSV	6821	6808
>CDK6-P199I ATPVDLWSV	174	>CDK6-P199I ATLVDLWSV	16660	16486
>CDK6-P199I YATPVDLWS	49	>CDK6-P199I YATLVDLWS	50	1
>CDK6-P199I YATPVDLWS	169	>CDK6-P199I YATLVDLWS	178	9
>CDK6-P199I YATPVDLWS	105	>CDK6-P199I YATLVDLWS	159	54
>CDK6-P199I YATPVDLWS	20	>CDK6-P199I YATLVDLWS	25	5
>CDK6-P199I YATPVDLWS	20	>CDK6-P199I YATLVDLWS	69	49
>CDK6-P199I YATPVDLWS	82	>CDK6-P199I YATLVDLWS	196	114
>CDK6-P199I YATPVDLWS	20	>CDK6-P199I YATLVDLWS	48	28
>CDK6-P199I YATPVDLWS	234	>CDK6-P199I YATLVDLWS	298	64



>CDK6-P199I YATPVDLWS\	4	>CDK6-P199I YATLVDLWS\	15	11
>CDK6-P199I YATPVDLWS\	248	>CDK6-P199I YATLVDLWS\	340	92
>CDK6-P199I YATPVDLWS\	141	>CDK6-P199I YATLVDLWS\	343	202
>CDK6-P199I YATPVDLW	18	>CDK6-P199I YATLVDLW	131	113
>CDK6-P199I YATPVDLW	91	>CDK6-P199I YATLVDLW	73	18
>CDK6-P199I YATPVDLW	54	>CDK6-P199I YATLVDLW	143	89
>CDK6-P199I YATPVDLW	10	>CDK6-P199I YATLVDLW	12	2
>CDK6-P199I YATPVDLWS\	461	>CDK6-P199I YATLVDLWS\	1225	764
>CDK6-P199I YATPVDLW	43	>CDK6-P199I YATLVDLW	59	16
>CDK6-P199I YATPVDLW	29	>CDK6-P199I YATLVDLW	64	35
>CDK6-P199I SYATPVDL	61	>CDK6-P199I SYATLVDL	8	53
>CDK6-P199I SYATPVDLW\	52	>CDK6-P199I SYATLVDLWS	10	42
>CDK6-P199I SYATPVDLW\	256	>CDK6-P199I SYATLVDLWS	59	197
>CDK6-P199I SYATPVDLW\	133	>CDK6-P199I SYATLVDLWS	90	43
>CDK6-P199I SYATPVDLW\	289	>CDK6-P199I SYATLVDLWS	439	150
>CDK6-P199I SYATPVDLW\	170	>CDK6-P199I SYATLVDLWS	90	80
>CDK6-P199I SYATPVDLW\	84	>CDK6-P199I SYATLVDLWS	93	9
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>CDK6-P199I SYATPVDLW	219	>CDK6-P199I SYATLVDLW	86	133
>CDK6-P199I SYATPVDL	32	>CDK6-P199I SYATLVDL	14	18
>CDK6-P199I SYATPVDLW	29	>CDK6-P199I SYATLVDLW	14	15
>CDK6-P199I SYATPVDLW\	114	>CDK6-P199I SYATLVDLWS	71	43
>CDK6-P199I SYATPVDLW\	358	>CDK6-P199I SYATLVDLWS	502	144
>CDK6-P199I SYATPVDL	446	>CDK6-P199I SYATLVDL	273	173
>CDK6-P199I SYATPVDLW\	143	>CDK6-P199I SYATLVDLWS	153	10
>CDK6-P199I SYATPVDL	583	>CDK6-P199I SYATLVDL	447	136
>CDK6-P199I SYATPVDLW	639	>CDK6-P199I SYATLVDLW	341	298
>CDK6-P199I SYATPVDLW\	324	>CDK6-P199I SYATLVDLWS	537	213
>CDK6-P199I SYATPVDLW\	159	>CDK6-P199I SYATLVDLWS	103	56
>CDK6-P199I SSSYATPVDL	697	>CDK6-P199I SSSYATLVDL	158	539
>CDK6-P199I SSSYATPVDL	104	>CDK6-P199I SSSYATLVDL	252	148
>CDK6-P199I SSSYATPVDLW	364	>CDK6-P199I SSSYATLVDLW	380	16
>CDK6-P199I SSSYATPVDL	54	>CDK6-P199I SSSYATLVDL	110	56
>CDK6-P199I SSSYATPVDL	14	>CDK6-P199I SSSYATLVDL	13	1
>CDK6-P199I SSSYATPVDLW	5	>CDK6-P199I SSSYATLVDLW	7	2
>CDK6-P199I SSSYATPVDLW	40	>CDK6-P199I SSSYATLVDLW	42	2
>CDK6-P199I SSSYATPVDLW	12	>CDK6-P199I SSSYATLVDLW	13	1
>CDK6-P199I SSSYATPVDLW	1048	>CDK6-P199I SSSYATLVDLW	316	732
>CDK6-P199I SSSYATPVDLW	287	>CDK6-P199I SSSYATLVDLW	178	109
>CDK6-P199I SSSYATPVDL	398	>CDK6-P199I SSSYATLVDL	230	168
>CDK6-P199I QSSYATPV	25	>CDK6-P199I QSSYATLV	44	19
>CDK6-P199I QSSYATPV	190	>CDK6-P199I QSSYATLV	1085	895
>CDK6-P199I QSSYATPVDL	244	>CDK6-P199I QSSYATLVDL	165	79

>CDK6-P199I QSSYATPVDL	34	>CDK6-P199I QSSYATLVDL	43	9
>CDK6-P199I QSSYATPVDL	131	>CDK6-P199I QSSYATLVDL	115	16
>CDK6-P199I QSSYATPVDL	14	>CDK6-P199I QSSYATLVDL	12	2
>CDK6-P199I QSSYATPVDL	48	>CDK6-P199I QSSYATLVDL	92	44
>CDK6-P199I QSSYATPVDL	538	>CDK6-P199I QSSYATLVDL	423	115
>CDK6-P199I LQSSYATP	23018	>CDK6-P199I LQSSYATL	398	22620
>CDK6-P199I LQSSYATPV	47	>CDK6-P199I LQSSYATLV	53	6
>CDK6-P199I LQSSYATP	7989	>CDK6-P199I LQSSYATL	32	7957
>CDK6-P199I LQSSYATPV	15	>CDK6-P199I LQSSYATLV	12	3
>CDK6-P199I LQSSYATPVD	324	>CDK6-P199I LQSSYATLVD	128	196
>CDK6-P199I LQSSYATP	12197	>CDK6-P199I LQSSYATL	101	12096
>CDK6-P199I LQSSYATPV	6	>CDK6-P199I LQSSYATLV	9	3
>CDK6-P199I LQSSYATPVD	870	>CDK6-P199I LQSSYATLVD	487	383
>CDK6-P199I LQSSYATP	4348	>CDK6-P199I LQSSYATL	31	4317
>CDK6-P199I LQSSYATPV	7	>CDK6-P199I LQSSYATLV	9	2
>CDK6-P199I LQSSYATPVD	700	>CDK6-P199I LQSSYATLVD	160	540
>CDK6-P199I LQSSYATPV	199	>CDK6-P199I LQSSYATLV	384	185
>CDK6-P199I LQSSYATPV	227	>CDK6-P199I LQSSYATLV	215	12
>CDK6-P199I LQSSYATP	1734	>CDK6-P199I LQSSYATL	91	1643
>CDK6-P199I LQSSYATPV	84	>CDK6-P199I LQSSYATLV	1005	921
>CDK6-P199I LQSSYATPVD	448	>CDK6-P199I LQSSYATLVD	358	90
>CDK6-P199I LQSSYATP	375	>CDK6-P199I LQSSYATL	11	364
>CDK6-P199I LQSSYATPV	9	>CDK6-P199I LQSSYATLV	31	22
>CDK6-P199I LQSSYATPVD	11	>CDK6-P199I LQSSYATLVD	17	6
>CDK6-P199I LQSSYATP	18271	>CDK6-P199I LQSSYATL	46	18225
>CDK6-P199I LQSSYATPV	242	>CDK6-P199I LQSSYATLV	1431	1189
>CDK6-P199I LQSSYATPVD	91	>CDK6-P199I LQSSYATLVD	267	176
>CDK6-P199I LQSSYATP	18092	>CDK6-P199I LQSSYATL	427	17665
>CDK6-P199I LQSSYATPVD	484	>CDK6-P199I LQSSYATLVD	713	229
>CDK6-P199I LLQSSYATP	20075	>CDK6-P199I LLQSSYATL	95	19980
>CDK6-P199I LLQSSYATPV	144	>CDK6-P199I LLQSSYATLV	245	101
>CDK6-P199I LLQSSYATP	3846	>CDK6-P199I LLQSSYATL	28	3818
>CDK6-P199I LLQSSYATPV	13	>CDK6-P199I LLQSSYATLV	14	1
>CDK6-P199I LLQSSYATP	5470	>CDK6-P199I LLQSSYATL	23	5447
>CDK6-P199I LLQSSYATPV	25	>CDK6-P199I LLQSSYATLV	31	6
>CDK6-P199I LLQSSYATPV	295	>CDK6-P199I LLQSSYATLV	569	274
>CDK6-P199I LLQSSYATP	8064	>CDK6-P199I LLQSSYATL	14	8050
>CDK6-P199I LLQSSYATPV	4	>CDK6-P199I LLQSSYATLV	5	1
>CDK6-P199I LLQSSYATP	8419	>CDK6-P199I LLQSSYATL	8	8411
>CDK6-P199I LLQSSYATPV	5	>CDK6-P199I LLQSSYATLV	10	5
>CDK6-P199I LLQSSYATP	18313	>CDK6-P199I LLQSSYATL	169	18144
>CDK6-P199I LLQSSYATPV	17	>CDK6-P199I LLQSSYATLV	19	2
>CDK6-P199I LLQSSYATP	21260	>CDK6-P199I LLQSSYATL	35	21225

>CDK6-P199I LLQSSYATPV	10	>CDK6-P199I LLQSSYATLV	12	2
>CDK6-P199I LLQSSYATP	3120	>CDK6-P199I LLQSSYATL	2	3118
>CDK6-P199I LLQSSYATPV	2	>CDK6-P199I LLQSSYATLV	2	0
>CDK6-P199I LLQSSYATP	3524	>CDK6-P199I LLQSSYATL	147	3377
>CDK6-P199I LLQSSYATPV	258	>CDK6-P199I LLQSSYATLV	2572	2314
>CDK6-P199I LLQSSYATP	3512	>CDK6-P199I LLQSSYATL	118	3394
>CDK6-P199I LLQSSYATPV	168	>CDK6-P199I LLQSSYATLV	867	699
>CDK6-P199I VLLQSSYATP	5591	>CDK6-P199I VLLQSSYATL	96	5495
>CDK6-P199I VLLQSSYATP <sup>A</sup>	12	>CDK6-P199I VLLQSSYATL <sup>A</sup>	13	1
>CDK6-P199I VLLQSSYATP	6694	>CDK6-P199I VLLQSSYATL	48	6646
>CDK6-P199I VLLQSSYATP <sup>A</sup>	17	>CDK6-P199I VLLQSSYATL <sup>A</sup>	15	2
>CDK6-P199I VLLQSSYATP	5148	>CDK6-P199I VLLQSSYATL	60	5088
>CDK6-P199I VLLQSSYATP <sup>A</sup>	9	>CDK6-P199I VLLQSSYATL <sup>A</sup>	15	6
>CDK6-P199I VLLQSSYATP <sup>A</sup>	8	>CDK6-P199I VLLQSSYATL <sup>A</sup>	12	4
>CDK6-P199I VLLQSSYATP	1084	>CDK6-P199I VLLQSSYATL	3	1081
>CDK6-P199I VLLQSSYATP <sup>A</sup>	2	>CDK6-P199I VLLQSSYATL <sup>A</sup>	2	0
>CDK6-P199I VLLQSSYATP	3807	>CDK6-P199I VLLQSSYATL	5	3802
>CDK6-P199I VLLQSSYATP <sup>A</sup>	4	>CDK6-P199I VLLQSSYATL <sup>A</sup>	6	2
>CDK6-P199I VLLQSSYATP	6061	>CDK6-P199I VLLQSSYATL	8	6053
>CDK6-P199I VLLQSSYATP <sup>A</sup>	5	>CDK6-P199I VLLQSSYATL <sup>A</sup>	5	0
>CDK6-P199I VLLQSSYATP	11543	>CDK6-P199I VLLQSSYATL	5	11538
>CDK6-P199I VLLQSSYATP <sup>A</sup>	3	>CDK6-P199I VLLQSSYATL <sup>A</sup>	3	0
>CDK6-P199I VLLQSSYATP	2323	>CDK6-P199I VLLQSSYATL	3	2320
>CDK6-P199I VLLQSSYATP <sup>A</sup>	2	>CDK6-P199I VLLQSSYATL <sup>A</sup>	2	0
>CDK6-P199I VLLQSSYATP <sup>A</sup>	96	>CDK6-P199I VLLQSSYATL <sup>A</sup>	452	356
>CDK6-P199I VLLQSSYATP	4076	>CDK6-P199I VLLQSSYATL	124	3952
>CDK6-P199I VLLQSSYATP <sup>A</sup>	199	>CDK6-P199I VLLQSSYATL <sup>A</sup>	909	710
>CDK6-P199I VLLQSSYATP	19643	>CDK6-P199I VLLQSSYATL	191	19452
>CDKN2A-A1 AGARLDVRD,	289	>CDKN2A-A1 PGARLDVRD,	6458	6169
>CDKN2A-A1 RAGARLDV	22726	>CDKN2A-A1 RPGARLDV	176	22550
>CDKN2A-A1 RAGARLDVR	90	>CDKN2A-A1 RPGARLDVR	5703	5613
>CDKN2A-A1 RAGARLDV	6865	>CDKN2A-A1 RPGARLDV	50	6815
>CDKN2A-A1 RAGARLDVRI	15523	>CDKN2A-A1 RPGARLDVRI	378	15145
>CDKN2A-A1 FLDTLVVLHR,	12	>CDKN2A-A1 FLDTLVVLHR	6060	6048
>CDKN2A-A1 FLDTLVVLHR,	7	>CDKN2A-A1 FLDTLVVLHR	213	206
>CDKN2A-A1 FLDTLVVLHR,	24	>CDKN2A-A1 FLDTLVVLHR	6707	6683
>CDKN2A-A1 FLDTLVVLHR,	68	>CDKN2A-A1 FLDTLVVLHR	4765	4697
>CDKN2A-A1 FLDTLVVLHR,	3	>CDKN2A-A1 FLDTLVVLHR	265	262
>CDKN2A-A1 FLDTLVVLHR,	9	>CDKN2A-A1 FLDTLVVLHR	3729	3720
>CDKN2A-A1 FLDTLVVLHR,	8	>CDKN2A-A1 FLDTLVVLHR	1935	1927
>CDKN2A-A1 FLDTLVVLHR,	19	>CDKN2A-A1 FLDTLVVLHR	12874	12855
>CDKN2A-A1 FLDTLVVLHR,	3	>CDKN2A-A1 FLDTLVVLHR	745	742
>CDKN2A-A1 HRAGARLDV	197	>CDKN2A-A1 HRPGARLDV	1791	1594

>CDKN2A-A1 HRAGARLDVI	101	>CDKN2A-A1 HRPGARLDVI	491	390
>CDKN2A-A1 VLHRAGARL	371	>CDKN2A-A1 VLHRPGARL	1760	1389
>CDKN2A-A1 VLHRAGARL	156	>CDKN2A-A1 VLHRPGARL	444	288
>CDKN2A-A1 VLHRAGARLC	77	>CDKN2A-A1 VLHRPGARLC	158	81
>CDKN2A-A1 VLHRAGARL	21	>CDKN2A-A1 VLHRPGARL	9	12
>CDKN2A-A1 VLHRAGARLC	36	>CDKN2A-A1 VLHRPGARLC	21	15
>CDKN2A-A1 VLHRAGARL	269	>CDKN2A-A1 VLHRPGARL	391	122
>CDKN2A-A1 VLHRAGARLC	346	>CDKN2A-A1 VLHRPGARLC	388	42
>CDKN2A-A1 VLHRAGARL	358	>CDKN2A-A1 VLHRPGARL	727	369
>CDKN2A-A1 VLHRAGARLC	33	>CDKN2A-A1 VLHRPGARLC	61	28
>CDKN2A-A1 VLHRAGARL	6	>CDKN2A-A1 VLHRPGARL	7	1
>CDKN2A-A1 VLHRAGARLC	3	>CDKN2A-A1 VLHRPGARLC	4	1
>CDKN2A-A1 VLHRAGAR	299	>CDKN2A-A1 VLHRPGAR	212	87
>CDKN2A-A1 VVLHRAGA	471	>CDKN2A-A1 VVLHRPGA	668	197
>CDKN2A-A1 VVLHRAGAR	225	>CDKN2A-A1 VVLHRPGAR	127	98
>CDKN2A-A1 VVLHRAGAR	576	>CDKN2A-A1 VVLHRPGAR	255	321
>CDKN2A-A1 VVLHRAGARI	129	>CDKN2A-A1 VVLHRPGARI	228	99
>CDKN2A-A1 LVVLHRAGAF	250	>CDKN2A-A1 LVVLHRPGAF	363	113
>CDKN2A-A1 LVVLHRAGAF	127	>CDKN2A-A1 LVVLHRPGAF	139	12
>CDKN2A-A1 LVVLHRAGAF	287	>CDKN2A-A1 LVVLHRPGAF	521	234
>CDKN2A-A1 LVVLHRAGAF	435	>CDKN2A-A1 LVVLHRPGAF	510	75
>CDKN2A-A1 TLVVLHRA	433	>CDKN2A-A1 TLVVLHRP	6478	6045
>CDKN2A-A1 TLVVLHRA	247	>CDKN2A-A1 TLVVLHRP	14737	14490
>CDKN2A-A1 TLVVLHRAGA	240	>CDKN2A-A1 TLVVLHRPGA	623	383
>CDKN2A-A1 TLVVLHRA	426	>CDKN2A-A1 TLVVLHRP	14432	14006
>CDKN2A-A1 TLVVLHRA	59	>CDKN2A-A1 TLVVLHRP	13391	13332
>CDKN2A-A1 TLVVLHRAGA	465	>CDKN2A-A1 TLVVLHRPGA	369	96
>CDKN2A-A1 TLVVLHRAGA	209	>CDKN2A-A1 TLVVLHRPGA	147	62
>CDKN2A-A1 TLVVLHRAGA	534	>CDKN2A-A1 TLVVLHRPGA	343	191
>CDKN2A-A1 TLVVLHRAGA	185	>CDKN2A-A1 TLVVLHRPGA	303	118
>CDKN2A-A1 DTLVVLHRA	178	>CDKN2A-A1 DTLVVLHRP	13055	12877
>CDKN2A-A1 DTLVVLHRAC	197	>CDKN2A-A1 DTLVVLHRPC	1289	1092
>CDKN2A-A1 DTLVVLHRA	46	>CDKN2A-A1 DTLVVLHRP	5146	5100
>CDKN2A-A1 DTLVVLHRAC	65	>CDKN2A-A1 DTLVVLHRPC	39	26
>CDKN2A-A1 AGARLDVRD,	289	>CDKN2A-A1 SGARLDVRD/	320	31
>CDKN2A-A1 RAGARLDVR	90	>CDKN2A-A1 RSGARLDVR	60	30
>CDKN2A-A1 FLDTLVVLHR,	12	>CDKN2A-A1 FLDTLVVLHR!	183	171
>CDKN2A-A1 FLDTLVVLHR,	7	>CDKN2A-A1 FLDTLVVLHR!	75	68
>CDKN2A-A1 FLDTLVVLHR,	24	>CDKN2A-A1 FLDTLVVLHR!	1461	1437
>CDKN2A-A1 FLDTLVVLHR,	68	>CDKN2A-A1 FLDTLVVLHR!	1354	1286
>CDKN2A-A1 FLDTLVVLHR,	3	>CDKN2A-A1 FLDTLVVLHR!	37	34
>CDKN2A-A1 FLDTLVVLHR,	9	>CDKN2A-A1 FLDTLVVLHR!	894	885
>CDKN2A-A1 FLDTLVVLHR,	8	>CDKN2A-A1 FLDTLVVLHR!	306	298

>CDKN2A-A1 FLDTLVVLHR,	19	>CDKN2A-A1 FLDTLVVLHR'	3214	3195
>CDKN2A-A1 FLDTLVVLHR,	3	>CDKN2A-A1 FLDTLVVLHR'	55	52
>CDKN2A-A1 HRAGARLDV	197	>CDKN2A-A1 HRSGARLDV	385	188
>CDKN2A-A1 HRAGARLDV'	101	>CDKN2A-A1 HRSGARLDV'	169	68
>CDKN2A-A1 VLHRAGARL	371	>CDKN2A-A1 VLHRSGARL	479	108
>CDKN2A-A1 VLHRAGARL	156	>CDKN2A-A1 VLHRSGARL	134	22
>CDKN2A-A1 VLHRAGARL'	77	>CDKN2A-A1 VLHRSGARL'	73	4
>CDKN2A-A1 VLHRAGARL	21	>CDKN2A-A1 VLHRSGARL	19	2
>CDKN2A-A1 VLHRAGARL'	36	>CDKN2A-A1 VLHRSGARL'	34	2
>CDKN2A-A1 VLHRAGARL	269	>CDKN2A-A1 VLHRSGARL	223	46
>CDKN2A-A1 VLHRAGARL'	346	>CDKN2A-A1 VLHRSGARL'	319	27
>CDKN2A-A1 VLHRAGARL	358	>CDKN2A-A1 VLHRSGARL	599	241
>CDKN2A-A1 VLHRAGARL'	33	>CDKN2A-A1 VLHRSGARL'	42	9
>CDKN2A-A1 VLHRAGARL	6	>CDKN2A-A1 VLHRSGARL	5	1
>CDKN2A-A1 VLHRAGARL'	3	>CDKN2A-A1 VLHRSGARL'	3	0
>CDKN2A-A1 VLHRAGAR	862	>CDKN2A-A1 VLHRSGAR	437	425
>CDKN2A-A1 VLHRAGAR	299	>CDKN2A-A1 VLHRSGAR	147	152
>CDKN2A-A1 VVLHRAGA	471	>CDKN2A-A1 VVLHRSGA	809	338
>CDKN2A-A1 VVLHRAGAR	225	>CDKN2A-A1 VVLHRSGAR	104	121
>CDKN2A-A1 VVLHRAGAR	576	>CDKN2A-A1 VVLHRSGAR	267	309
>CDKN2A-A1 VVLHRAGARI	129	>CDKN2A-A1 VVLHRSGARL	92	37
>CDKN2A-A1 LVVLHRAGAF	250	>CDKN2A-A1 LVVLHRSGAR	289	39
>CDKN2A-A1 LVVLHRAGAF	127	>CDKN2A-A1 LVVLHRSGAR	138	11
>CDKN2A-A1 LVVLHRAGAF	287	>CDKN2A-A1 LVVLHRSGAR	217	70
>CDKN2A-A1 LVVLHRAGAF	435	>CDKN2A-A1 LVVLHRSGAR	297	138
>CDKN2A-A1 TLVVLHRA	433	>CDKN2A-A1 TLVVLHRS	4147	3714
>CDKN2A-A1 TLVVLHRA	247	>CDKN2A-A1 TLVVLHRS	6147	5900
>CDKN2A-A1 TLVVLHRAGA	240	>CDKN2A-A1 TLVVLHRSGA	213	27
>CDKN2A-A1 TLVVLHRA	426	>CDKN2A-A1 TLVVLHRS	6788	6362
>CDKN2A-A1 TLVVLHRA	59	>CDKN2A-A1 TLVVLHRS	3888	3829
>CDKN2A-A1 TLVVLHRAGA	465	>CDKN2A-A1 TLVVLHRSGA	572	107
>CDKN2A-A1 TLVVLHRAGA	209	>CDKN2A-A1 TLVVLHRSGA	156	53
>CDKN2A-A1 TLVVLHRAGA	534	>CDKN2A-A1 TLVVLHRSGA	378	156
>CDKN2A-A1 TLVVLHRAGA	185	>CDKN2A-A1 TLVVLHRSGA	208	23
>CDKN2A-A1 DTLVVLHRA	178	>CDKN2A-A1 DTLVVLHRS	2993	2815
>CDKN2A-A1 DTLVVLHRAC	197	>CDKN2A-A1 DTLVVLHRSG	348	151
>CDKN2A-A1 DTLVVLHRA	46	>CDKN2A-A1 DTLVVLHRS	2751	2705
>CDKN2A-A1 DTLVVLHRAC	65	>CDKN2A-A1 DTLVVLHRSG	139	74
>CDKN2A-A1 AGARLDVRD,	289	>CDKN2A-A1 VGARLDVRD,	77	212
>CDKN2A-A1 RAGARLDV	3118	>CDKN2A-A1 RVGARLDV	236	2882
>CDKN2A-A1 RAGARLDVR	90	>CDKN2A-A1 RVGARLDVR	52	38
>CDKN2A-A1 RAGARLDVR	670	>CDKN2A-A1 RVGARLDVR	290	380
>CDKN2A-A1 FLDTLVVLHR,	12	>CDKN2A-A1 FLDTLVVLHR'	7	5

>CDKN2A-A1 FLDTLVVLHR,	7	>CDKN2A-A1 FLDTLVVLHR'	3	4
>CDKN2A-A1 FLDTLVVLHR,	24	>CDKN2A-A1 FLDTLVVLHR'	7	17
>CDKN2A-A1 FLDTLVVLHR,	68	>CDKN2A-A1 FLDTLVVLHR'	9	59
>CDKN2A-A1 FLDTLVVLHR,	3	>CDKN2A-A1 FLDTLVVLHR'	1	2
>CDKN2A-A1 FLDTLVVLHR,	9	>CDKN2A-A1 FLDTLVVLHR'	2	7
>CDKN2A-A1 FLDTLVVLHR,	8	>CDKN2A-A1 FLDTLVVLHR'	4	4
>CDKN2A-A1 FLDTLVVLHR,	19	>CDKN2A-A1 FLDTLVVLHR'	2	17
>CDKN2A-A1 FLDTLVVLHR,	3	>CDKN2A-A1 FLDTLVVLHR'	1	2
>CDKN2A-A1 FLDTLVVLHR,	1864	>CDKN2A-A1 FLDTLVVLHR'	62	1802
>CDKN2A-A1 HRAGARLDV	197	>CDKN2A-A1 HRVGARLDV	255	58
>CDKN2A-A1 HRAGARLDVI	101	>CDKN2A-A1 HRVGARLDVI	54	47
>CDKN2A-A1 HRAGARLDVI	633	>CDKN2A-A1 HRVGARLDVI	476	157
>CDKN2A-A1 VLHRAGARL	371	>CDKN2A-A1 VLHRVGARL	331	40
>CDKN2A-A1 VLHRAGARL	156	>CDKN2A-A1 VLHRVGARL	134	22
>CDKN2A-A1 VLHRAGARLI	77	>CDKN2A-A1 VLHRVGARLI	69	8
>CDKN2A-A1 VLHRAGARL	21	>CDKN2A-A1 VLHRVGARL	6	15
>CDKN2A-A1 VLHRAGARLI	36	>CDKN2A-A1 VLHRVGARLI	16	20
>CDKN2A-A1 VLHRAGARL	269	>CDKN2A-A1 VLHRVGARL	173	96
>CDKN2A-A1 VLHRAGARLI	346	>CDKN2A-A1 VLHRVGARLI	280	66
>CDKN2A-A1 VLHRAGARL	358	>CDKN2A-A1 VLHRVGARL	149	209
>CDKN2A-A1 VLHRAGARLI	33	>CDKN2A-A1 VLHRVGARLI	25	8
>CDKN2A-A1 VLHRAGARL	6	>CDKN2A-A1 VLHRVGARL	5	1
>CDKN2A-A1 VLHRAGARLI	3	>CDKN2A-A1 VLHRVGARLI	3	0
>CDKN2A-A1 VLHRAGAR	862	>CDKN2A-A1 VLHRVGAR	492	370
>CDKN2A-A1 VLHRAGAR	299	>CDKN2A-A1 VLHRVGAR	89	210
>CDKN2A-A1 VVLHRAGA	471	>CDKN2A-A1 VVLHRVGA	356	115
>CDKN2A-A1 VVLHRAGARI	1337	>CDKN2A-A1 VVLHRVGARI	315	1022
>CDKN2A-A1 VVLHRAGAR	225	>CDKN2A-A1 VVLHRVGAR	71	154
>CDKN2A-A1 VVLHRAGAR	576	>CDKN2A-A1 VVLHRVGAR	247	329
>CDKN2A-A1 VVLHRAGARI	129	>CDKN2A-A1 VVLHRVGARI	324	195
>CDKN2A-A1 LVVLHRAGAF	250	>CDKN2A-A1 LVVLHRVGAF	371	121
>CDKN2A-A1 LVVLHRAGAF	127	>CDKN2A-A1 LVVLHRVGAF	119	8
>CDKN2A-A1 LVVLHRAGAF	287	>CDKN2A-A1 LVVLHRVGAF	432	145
>CDKN2A-A1 LVVLHRAGAF	435	>CDKN2A-A1 LVVLHRVGAF	1089	654
>CDKN2A-A1 TLVVLHRA	1920	>CDKN2A-A1 TLVVLHRV	237	1683
>CDKN2A-A1 TLVVLHRA	433	>CDKN2A-A1 TLVVLHRV	63	370
>CDKN2A-A1 TLVVLHRA	247	>CDKN2A-A1 TLVVLHRV	51	196
>CDKN2A-A1 TLVVLHRAGA	240	>CDKN2A-A1 TLVVLHRVGA	561	321
>CDKN2A-A1 TLVVLHRA	1727	>CDKN2A-A1 TLVVLHRV	201	1526
>CDKN2A-A1 TLVVLHRA	426	>CDKN2A-A1 TLVVLHRV	12	414
>CDKN2A-A1 TLVVLHRA	2067	>CDKN2A-A1 TLVVLHRV	79	1988
>CDKN2A-A1 TLVVLHRA	1412	>CDKN2A-A1 TLVVLHRV	33	1379
>CDKN2A-A1 TLVVLHRA	5377	>CDKN2A-A1 TLVVLHRV	119	5258

>CDKN2A-A1 TLVVLHRA	59	>CDKN2A-A1 TLVVLHRV	4	55
>CDKN2A-A1 TLVVLHRAGA	465	>CDKN2A-A1 TLVVLHRVGA	560	95
>CDKN2A-A1 TLVVLHRAGA	209	>CDKN2A-A1 TLVVLHRVGA	131	78
>CDKN2A-A1 TLVVLHRAGA	534	>CDKN2A-A1 TLVVLHRVGA	384	150
>CDKN2A-A1 TLVVLHRAGA	185	>CDKN2A-A1 TLVVLHRVGA	190	5
>CDKN2A-A1 TLVVLHRA	1691	>CDKN2A-A1 TLVVLHRV	193	1498
>CDKN2A-A1 TLVVLHRA	4848	>CDKN2A-A1 TLVVLHRV	256	4592
>CDKN2A-A1 DTLVVLHRA	8622	>CDKN2A-A1 DTLVVLHRV	217	8405
>CDKN2A-A1 DTLVVLHRA	12396	>CDKN2A-A1 DTLVVLHRV	443	11953
>CDKN2A-A1 DTLVVLHRA	7377	>CDKN2A-A1 DTLVVLHRV	462	6915
>CDKN2A-A1 DTLVVLHRA	178	>CDKN2A-A1 DTLVVLHRV	18	160
>CDKN2A-A1 DTLVVLHRAC	197	>CDKN2A-A1 DTLVVLHRVC	228	31
>CDKN2A-A1 DTLVVLHRA	46	>CDKN2A-A1 DTLVVLHRV	5	41
>CDKN2A-A1 DTLVVLHRAC	65	>CDKN2A-A1 DTLVVLHRVC	98	33
>CDKN2A-A1 LDTLVVLHRA	5404	>CDKN2A-A1 LDTLVVLHRV	170	5234
>CDKN2A-A1 ARLDVRDAW	89	>CDKN2A-A1 ERLDVRDAW	629	540
>CDKN2A-A1 ARLDVRDAW	117	>CDKN2A-A1 ERLDVRDAW	190	73
>CDKN2A-A1 ARLDVRDAW	1595	>CDKN2A-A1 ERLDVRDAW	409	1186
>CDKN2A-A1 GARLDVRDA	35619	>CDKN2A-A1 GERLDVRDA	279	35340
>CDKN2A-A1 GARLDVRDA	457	>CDKN2A-A1 GERLDVRDA	19278	18821
>CDKN2A-A1 DTLVVLHRAC	197	>CDKN2A-A1 DTLVVLHRAC	19183	18986
>CDKN2A-A1 DTLVVLHRAC	65	>CDKN2A-A1 DTLVVLHRAC	7722	7657
>CDKN2A-A1 AGARLDVRD	289	>CDKN2A-A1 AGERLDVRD	7586	7297
>CDKN2A-A1 RAGARLDVR	90	>CDKN2A-A1 RAGERLDVR	232	142
>CDKN2A-A1 HRAGARLDV	197	>CDKN2A-A1 HRAGERLDV	580	383
>CDKN2A-A1 HRAGARLDV	101	>CDKN2A-A1 HRAGERLDV	144	43
>CDKN2A-A1 VLHRAGARL	371	>CDKN2A-A1 VLHRAGERL	341	30
>CDKN2A-A1 VLHRAGARL	156	>CDKN2A-A1 VLHRAGERL	922	766
>CDKN2A-A1 VLHRAGARL	77	>CDKN2A-A1 VLHRAGERL	160	83
>CDKN2A-A1 VLHRAGARL	21	>CDKN2A-A1 VLHRAGERL	25	4
>CDKN2A-A1 VLHRAGARL	36	>CDKN2A-A1 VLHRAGERL	41	5
>CDKN2A-A1 VLHRAGARL	269	>CDKN2A-A1 VLHRAGERL	1222	953
>CDKN2A-A1 VLHRAGARL	346	>CDKN2A-A1 VLHRAGERL	565	219
>CDKN2A-A1 VLHRAGARL	358	>CDKN2A-A1 VLHRAGERL	480	122
>CDKN2A-A1 VLHRAGARL	33	>CDKN2A-A1 VLHRAGERL	50	17
>CDKN2A-A1 VLHRAGARL	6	>CDKN2A-A1 VLHRAGERL	13	7
>CDKN2A-A1 VLHRAGARL	3	>CDKN2A-A1 VLHRAGERL	4	1
>CDKN2A-A1 VLHRAGAR	299	>CDKN2A-A1 VLHRAGER	629	330
>CDKN2A-A1 VVLHRAGA	471	>CDKN2A-A1 VVLHRAGE	19905	19434
>CDKN2A-A1 VVLHRAGAR	225	>CDKN2A-A1 VVLHRAGER	374	149
>CDKN2A-A1 VVLHRAGARI	129	>CDKN2A-A1 VVLHRAGERL	562	433
>CDKN2A-A1 LVVLHRAGAF	250	>CDKN2A-A1 LVVLHRAGER	574	324
>CDKN2A-A1 LVVLHRAGAF	127	>CDKN2A-A1 LVVLHRAGER	161	34

>CDKN2A-A1 LVVLHRAGAF	287	>CDKN2A-A1 LVVLHRAGER	222	65
>CDKN2A-A1 LVVLHRAGAF	435	>CDKN2A-A1 LVVLHRAGER	1814	1379
>CDKN2A-A1 TLVVLHRAGA	240	>CDKN2A-A1 TLVVLHRAGE	13597	13357
>CDKN2A-A1 TLVVLHRAGA	465	>CDKN2A-A1 TLVVLHRAGE	23919	23454
>CDKN2A-A1 TLVVLHRAGA	209	>CDKN2A-A1 TLVVLHRAGE	279	70
>CDKN2A-A1 TLVVLHRAGA	185	>CDKN2A-A1 TLVVLHRAGE	140	45
>CDKN2A-A1 ARLDVRDAW	89	>CDKN2A-A1 PRLDVRDAW	1161	1072
>CDKN2A-A1 ARLDVRDAW	117	>CDKN2A-A1 PRLDVRDAW	283	166
>CDKN2A-A1 GARLDVRDA	457	>CDKN2A-A1 GPRLDVRDA	17245	16788
>CDKN2A-A1 GARLDVRDA	2771	>CDKN2A-A1 GPRLDVRDA	78	2693
>CDKN2A-A1 DTLVVLHRAC	197	>CDKN2A-A1 DTLVVLHRAC	13013	12816
>CDKN2A-A1 DTLVVLHRAC	65	>CDKN2A-A1 DTLVVLHRAC	4785	4720
>CDKN2A-A1 AGARLDVRD	289	>CDKN2A-A1 AGPRLDVRD	9772	9483
>CDKN2A-A1 RAGARLDVR	90	>CDKN2A-A1 RAGPRLDVR	77	13
>CDKN2A-A1 HRAGARLDV	197	>CDKN2A-A1 HRAGPRLDV	501	304
>CDKN2A-A1 HRAGARLDV	101	>CDKN2A-A1 HRAGPRLDV	140	39
>CDKN2A-A1 VLHRAGARL	371	>CDKN2A-A1 VLHRAGPRL	1597	1226
>CDKN2A-A1 VLHRAGARL	156	>CDKN2A-A1 VLHRAGPRL	652	496
>CDKN2A-A1 VLHRAGARL	77	>CDKN2A-A1 VLHRAGPRL	174	97
>CDKN2A-A1 VLHRAGARL	21	>CDKN2A-A1 VLHRAGPRL	19	2
>CDKN2A-A1 VLHRAGARL	36	>CDKN2A-A1 VLHRAGPRL	24	12
>CDKN2A-A1 VLHRAGARL	269	>CDKN2A-A1 VLHRAGPRL	631	362
>CDKN2A-A1 VLHRAGARL	346	>CDKN2A-A1 VLHRAGPRL	505	159
>CDKN2A-A1 VLHRAGARL	358	>CDKN2A-A1 VLHRAGPRL	53	305
>CDKN2A-A1 VLHRAGARL	33	>CDKN2A-A1 VLHRAGPRL	35	2
>CDKN2A-A1 VLHRAGARL	6	>CDKN2A-A1 VLHRAGPRL	8	2
>CDKN2A-A1 VLHRAGARL	3	>CDKN2A-A1 VLHRAGPRL	4	1
>CDKN2A-A1 VLHRAGAR	299	>CDKN2A-A1 VLHRAGPR	226	73
>CDKN2A-A1 VVLHRAGA	471	>CDKN2A-A1 VVLHRAGP	15350	14879
>CDKN2A-A1 VVLHRAGAR	225	>CDKN2A-A1 VVLHRAGPR	130	95
>CDKN2A-A1 VVLHRAGAR	576	>CDKN2A-A1 VVLHRAGPR	493	83
>CDKN2A-A1 VVLHRAGARI	129	>CDKN2A-A1 VVLHRAGPRI	205	76
>CDKN2A-A1 VVLHRAGAR	1786	>CDKN2A-A1 VVLHRAGPR	468	1318
>CDKN2A-A1 LVVLHRAGAF	250	>CDKN2A-A1 LVVLHRAGPF	291	41
>CDKN2A-A1 LVVLHRAGAF	127	>CDKN2A-A1 LVVLHRAGPF	95	32
>CDKN2A-A1 LVVLHRAGAF	287	>CDKN2A-A1 LVVLHRAGPF	193	94
>CDKN2A-A1 LVVLHRAGAF	435	>CDKN2A-A1 LVVLHRAGPF	786	351
>CDKN2A-A1 TLVVLHRAGA	240	>CDKN2A-A1 TLVVLHRAGP	11055	10815
>CDKN2A-A1 TLVVLHRAGA	465	>CDKN2A-A1 TLVVLHRAGP	25133	24668
>CDKN2A-A1 TLVVLHRAGA	209	>CDKN2A-A1 TLVVLHRAGP	124	85
>CDKN2A-A1 TLVVLHRAGA	534	>CDKN2A-A1 TLVVLHRAGP	386	148
>CDKN2A-A1 TLVVLHRAGA	185	>CDKN2A-A1 TLVVLHRAGP	186	1
>CDKN2A-A1 TLVVLHRAGA	1170	>CDKN2A-A1 TLVVLHRAGP	397	773



>CDKN2A-A1 ARLDVRDAW	89	>CDKN2A-A1 TRLDVRDAW	223	134
>CDKN2A-A1 ARLDVRDAW	117	>CDKN2A-A1 TRLDVRDAW	181	64
>CDKN2A-A1 ARLDVRDAW	1595	>CDKN2A-A1 TRLDVRDAW	468	1127
>CDKN2A-A1 GARLDVRDA'	604	>CDKN2A-A1 GTRLDVRDA\	80	524
>CDKN2A-A1 GARLDVRDA'	457	>CDKN2A-A1 GTRLDVRDA\	266	191
>CDKN2A-A1 DTLVVLHRAC	197	>CDKN2A-A1 DTLVVLHRAC	2605	2408
>CDKN2A-A1 DTLVVLHRAC	65	>CDKN2A-A1 DTLVVLHRAC	407	342
>CDKN2A-A1 AGARLDVRD,	289	>CDKN2A-A1 AGTRLDVRD/	485	196
>CDKN2A-A1 RAGARLDVR	90	>CDKN2A-A1 RAGTRLDVR	135	45
>CDKN2A-A1 HRAGARLDV	197	>CDKN2A-A1 HRAGTRLDV	215	18
>CDKN2A-A1 HRAGARLDV\	101	>CDKN2A-A1 HRAGTRLDV\	131	30
>CDKN2A-A1 HRAGARLDV	813	>CDKN2A-A1 HRAGTRLDV	321	492
>CDKN2A-A1 VLHRAGARL	371	>CDKN2A-A1 VLHRAGTRL	353	18
>CDKN2A-A1 VLHRAGARL	156	>CDKN2A-A1 VLHRAGTRL	119	37
>CDKN2A-A1 VLHRAGARL\	77	>CDKN2A-A1 VLHRAGTRL\	75	2
>CDKN2A-A1 VLHRAGARL	21	>CDKN2A-A1 VLHRAGTRL	47	26
>CDKN2A-A1 VLHRAGARL\	36	>CDKN2A-A1 VLHRAGTRL\	33	3
>CDKN2A-A1 VLHRAGARL	269	>CDKN2A-A1 VLHRAGTRL	1492	1223
>CDKN2A-A1 VLHRAGARL\	346	>CDKN2A-A1 VLHRAGTRL\	492	146
>CDKN2A-A1 VLHRAGARL	358	>CDKN2A-A1 VLHRAGTRL	375	17
>CDKN2A-A1 VLHRAGARL\	33	>CDKN2A-A1 VLHRAGTRL\	33	0
>CDKN2A-A1 VLHRAGARL	6	>CDKN2A-A1 VLHRAGTRL	7	1
>CDKN2A-A1 VLHRAGARL\	3	>CDKN2A-A1 VLHRAGTRL\	3	0
>CDKN2A-A1 VLHRAGAR	299	>CDKN2A-A1 VLHRAGTR	478	179
>CDKN2A-A1 VVLHRAGA	471	>CDKN2A-A1 VVLHRAGT	3526	3055
>CDKN2A-A1 VVLHRAGAR	225	>CDKN2A-A1 VVLHRAGTR	386	161
>CDKN2A-A1 VVLHRAGARI	129	>CDKN2A-A1 VVLHRAGTRL	194	65
>CDKN2A-A1 LVVLHRAGAF	250	>CDKN2A-A1 LVVLHRAGTR	331	81
>CDKN2A-A1 LVVLHRAGAF	127	>CDKN2A-A1 LVVLHRAGTR	153	26
>CDKN2A-A1 LVVLHRAGAF	287	>CDKN2A-A1 LVVLHRAGTR	180	107
>CDKN2A-A1 LVVLHRAGAF	435	>CDKN2A-A1 LVVLHRAGTR	828	393
>CDKN2A-A1 TLVVLHRAGA	240	>CDKN2A-A1 TLVVLHRAGT	629	389
>CDKN2A-A1 TLVVLHRAGA	465	>CDKN2A-A1 TLVVLHRAGT	3780	3315
>CDKN2A-A1 TLVVLHRAGA	209	>CDKN2A-A1 TLVVLHRAGT	284	75
>CDKN2A-A1 TLVVLHRAGA	185	>CDKN2A-A1 TLVVLHRAGT	152	33
>CDKN2A-A1 ARLDVRDAW	89	>CDKN2A-A1 VRLDVRDAW	192	103
>CDKN2A-A1 ARLDVRDAW	117	>CDKN2A-A1 VRLDVRDAW	29	88
>CDKN2A-A1 GARLDVRDA'	457	>CDKN2A-A1 GVRLDVRDA'	3799	3342
>CDKN2A-A1 DTLVVLHRAC	197	>CDKN2A-A1 DTLVVLHRAC	19	178
>CDKN2A-A1 DTLVVLHRAC	65	>CDKN2A-A1 DTLVVLHRAC	6	59
>CDKN2A-A1 AGARLDVRD,	289	>CDKN2A-A1 AGVRLDVRD,	457	168
>CDKN2A-A1 RAGARLDVR	90	>CDKN2A-A1 RAGVRLDVR	84	6
>CDKN2A-A1 HRAGARLDV	197	>CDKN2A-A1 HRAGVRLDV	187	10

>CDKN2A-A1 HRAGARLDVI	101	>CDKN2A-A1 HRAGVRLDVI	103	2
>CDKN2A-A1 VLHRAGARL	371	>CDKN2A-A1 VLHRAGVRL	489	118
>CDKN2A-A1 VLHRAGARL	156	>CDKN2A-A1 VLHRAGVRL	692	536
>CDKN2A-A1 VLHRAGARL	77	>CDKN2A-A1 VLHRAGVRL	102	25
>CDKN2A-A1 VLHRAGARL	21	>CDKN2A-A1 VLHRAGVRL	25	4
>CDKN2A-A1 VLHRAGARL	36	>CDKN2A-A1 VLHRAGVRL	21	15
>CDKN2A-A1 VLHRAGARL	269	>CDKN2A-A1 VLHRAGVRL	460	191
>CDKN2A-A1 VLHRAGARL	346	>CDKN2A-A1 VLHRAGVRL	358	12
>CDKN2A-A1 VLHRAGARL	358	>CDKN2A-A1 VLHRAGVRL	194	164
>CDKN2A-A1 VLHRAGARL	33	>CDKN2A-A1 VLHRAGVRL	25	8
>CDKN2A-A1 VLHRAGARL	6	>CDKN2A-A1 VLHRAGVRL	7	1
>CDKN2A-A1 VLHRAGARL	3	>CDKN2A-A1 VLHRAGVRL	3	0
>CDKN2A-A1 VLHRAGAR	299	>CDKN2A-A1 VLHRAGVR	610	311
>CDKN2A-A1 VVLHRAGA	1786	>CDKN2A-A1 VVLHRAGV	194	1592
>CDKN2A-A1 VVLHRAGA	471	>CDKN2A-A1 VVLHRAGV	49	422
>CDKN2A-A1 VVLHRAGA	4344	>CDKN2A-A1 VVLHRAGV	76	4268
>CDKN2A-A1 VVLHRAGA	8009	>CDKN2A-A1 VVLHRAGV	358	7651
>CDKN2A-A1 VVLHRAGA	6976	>CDKN2A-A1 VVLHRAGV	314	6662
>CDKN2A-A1 VVLHRAGA	4071	>CDKN2A-A1 VVLHRAGV	25	4046
>CDKN2A-A1 VVLHRAGAR	225	>CDKN2A-A1 VVLHRAGVR	569	344
>CDKN2A-A1 VVLHRAGA	6603	>CDKN2A-A1 VVLHRAGV	343	6260
>CDKN2A-A1 VVLHRAGARI	129	>CDKN2A-A1 VVLHRAGVRI	322	193
>CDKN2A-A1 LVVLHRAGA	2226	>CDKN2A-A1 LVVLHRAGV	445	1781
>CDKN2A-A1 LVVLHRAGAF	250	>CDKN2A-A1 LVVLHRAGVF	293	43
>CDKN2A-A1 LVVLHRAGA	585	>CDKN2A-A1 LVVLHRAGV	76	509
>CDKN2A-A1 LVVLHRAGA	762	>CDKN2A-A1 LVVLHRAGV	93	669
>CDKN2A-A1 LVVLHRAGA	6957	>CDKN2A-A1 LVVLHRAGV	49	6908
>CDKN2A-A1 LVVLHRAGAF	127	>CDKN2A-A1 LVVLHRAGVF	308	181
>CDKN2A-A1 LVVLHRAGAF	287	>CDKN2A-A1 LVVLHRAGVF	535	248
>CDKN2A-A1 LVVLHRAGA	620	>CDKN2A-A1 LVVLHRAGV	46	574
>CDKN2A-A1 LVVLHRAGA	7161	>CDKN2A-A1 LVVLHRAGV	383	6778
>CDKN2A-A1 LVVLHRAGAF	435	>CDKN2A-A1 LVVLHRAGVF	1032	597
>CDKN2A-A1 TLVVLHRAGA	3807	>CDKN2A-A1 TLVVLHRAGV	372	3435
>CDKN2A-A1 TLVVLHRAGA	1043	>CDKN2A-A1 TLVVLHRAGV	179	864
>CDKN2A-A1 TLVVLHRAGA	240	>CDKN2A-A1 TLVVLHRAGV	42	198
>CDKN2A-A1 TLVVLHRAGA	1737	>CDKN2A-A1 TLVVLHRAGV	308	1429
>CDKN2A-A1 TLVVLHRAGA	2943	>CDKN2A-A1 TLVVLHRAGV	59	2884
>CDKN2A-A1 TLVVLHRAGA	6630	>CDKN2A-A1 TLVVLHRAGV	327	6303
>CDKN2A-A1 TLVVLHRAGA	6598	>CDKN2A-A1 TLVVLHRAGV	240	6358
>CDKN2A-A1 TLVVLHRAGA	465	>CDKN2A-A1 TLVVLHRAGV	8	457
>CDKN2A-A1 TLVVLHRAGA	209	>CDKN2A-A1 TLVVLHRAGV	360	151
>CDKN2A-A1 TLVVLHRAGA	185	>CDKN2A-A1 TLVVLHRAGV	215	30
>CDKN2A-A1 TLVVLHRAGA	5764	>CDKN2A-A1 TLVVLHRAGV	338	5426

>CDKN2A-A1 AWGRLPVDL	474	>CDKN2A-A1 TWGRLPVDL	667	193
>CDKN2A-A1 AWGRLPVDL	403	>CDKN2A-A1 TWGRLPVDL	404	1
>CDKN2A-A1 AWGRLPVDL	156	>CDKN2A-A1 TWGRLPVDL	232	76
>CDKN2A-A1 DAWGRLPVD	6141	>CDKN2A-A1 DTWGRLPVD	474	5667
>CDKN2A-A1 DAWGRLPV	260	>CDKN2A-A1 DTWGRLPV	39	221
>CDKN2A-A1 DAWGRLPVD	3245	>CDKN2A-A1 DTWGRLPVD	491	2754
>CDKN2A-A1 DAWGRLPV	24	>CDKN2A-A1 DTWGRLPV	7	17
>CDKN2A-A1 DAWGRLPVD	2165	>CDKN2A-A1 DTWGRLPVD	371	1794
>CDKN2A-A1 VRDAWGRLP	489	>CDKN2A-A1 VRDTWGRLP	837	348
>CDKN2A-A1 DVRDAWGRI	456	>CDKN2A-A1 DVRDTWGRI	705	249
>CDKN2A-A1 DVRDAWGRI	277	>CDKN2A-A1 DVRDTWGRI	280	3
>CDKN2A-A1 DVRDAWGR	17	>CDKN2A-A1 DVRDTWGR	13	4
>CDKN2A-A1 DVRDAWGR	62	>CDKN2A-A1 DVRDTWGR	55	7
>CDKN2A-A1 DVRDAWGRI	208	>CDKN2A-A1 DVRDTWGRI	511	303
>CDKN2A-A1 DVRDAWGRI	198	>CDKN2A-A1 DVRDTWGRI	226	28
>CDKN2A-A1 LDVRDAWGF	477	>CDKN2A-A1 LDVRDTWGR	499	22
>CDKN2A-A1 RLDVRDAWC	122	>CDKN2A-A1 RLDVRDTWG	140	18
>CDKN2A-A1 RLDVRDAWC	227	>CDKN2A-A1 RLDVRDTWG	209	18
>CDKN2A-A1 RLDVRDAWC	91	>CDKN2A-A1 RLDVRDTWG	95	4
>CDKN2A-A1 RLDVRDAWC	120	>CDKN2A-A1 RLDVRDTWG	110	10
>CDKN2A-A1 RLDVRDAW	874	>CDKN2A-A1 RLDVRDTW	389	485
>CDKN2A-A1 RLDVRDAW	274	>CDKN2A-A1 RLDVRDTW	70	204
>CDKN2A-A1 RLDVRDAWC	92	>CDKN2A-A1 RLDVRDTWG	91	1
>CDKN2A-A1 RLDVRDAWC	293	>CDKN2A-A1 RLDVRDTWG	218	75
>CDKN2A-A1 ARLDVRDAW	89	>CDKN2A-A1 ARLDVRDTW	112	23
>CDKN2A-A1 ARLDVRDAW	117	>CDKN2A-A1 ARLDVRDTW	61	56
>CDKN2A-A1 GARLDVRDA'	604	>CDKN2A-A1 GARLDVRDT\	234	370
>CDKN2A-A1 GARLDVRDA'	457	>CDKN2A-A1 GARLDVRDT\	91	366
>CDKN2A-A1 AGARLDVRD,	289	>CDKN2A-A1 AGARLDVRD`	76	213
>CDKN2A-A1 AWGRLPVDL	474	>CDKN2A-A1 VWGRLPVDL	774	300
>CDKN2A-A1 AWGRLPVDL	403	>CDKN2A-A1 VWGRLPVDL	421	18
>CDKN2A-A1 AWGRLPVDL	156	>CDKN2A-A1 VWGRLPVDL	284	128
>CDKN2A-A1 DAWGRLPV	2679	>CDKN2A-A1 DVWGRLPV	328	2351
>CDKN2A-A1 DAWGRLPV	1569	>CDKN2A-A1 DVWGRLPV	97	1472
>CDKN2A-A1 DAWGRLPV	260	>CDKN2A-A1 DVWGRLPV	61	199
>CDKN2A-A1 DAWGRLPV	24	>CDKN2A-A1 DVWGRLPV	12	12
>CDKN2A-A1 RDAWGRLPV	1191	>CDKN2A-A1 RDVWGRLPV	446	745
>CDKN2A-A1 VRDAWGRLP	489	>CDKN2A-A1 VRDVWGRLP	1533	1044
>CDKN2A-A1 DVRDAWGRI	456	>CDKN2A-A1 DVRDVWGRI	194	262
>CDKN2A-A1 DVRDAWGRI	277	>CDKN2A-A1 DVRDVWGRI	627	350
>CDKN2A-A1 DVRDAWGR	17	>CDKN2A-A1 DVRDVWGR	9	8
>CDKN2A-A1 DVRDAWGR	62	>CDKN2A-A1 DVRDVWGR	41	21
>CDKN2A-A1 DVRDAWGRI	208	>CDKN2A-A1 DVRDVWGRI	103	105

>CDKN2A-A1 DVRDAWGRI	198	>CDKN2A-A1 DVRDVWGRI	266	68
>CDKN2A-A1 LDVRDAWGF	477	>CDKN2A-A1 LDVRDVWGF	962	485
>CDKN2A-A1 RLDVRDAWC	122	>CDKN2A-A1 RLDVRDVWC	84	38
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>CDKN2A-A1 RLDVRDAWC	91	>CDKN2A-A1 RLDVRDVWC	103	12
>CDKN2A-A1 RLDVRDAWC	120	>CDKN2A-A1 RLDVRDVWC	108	12
>CDKN2A-A1 RLDVRDAW	274	>CDKN2A-A1 RLDVRDVW	74	200
>CDKN2A-A1 RLDVRDAWC	92	>CDKN2A-A1 RLDVRDVWC	78	14
>CDKN2A-A1 RLDVRDAWC	293	>CDKN2A-A1 RLDVRDVWC	260	33
>CDKN2A-A1 ARLDVRDAW	89	>CDKN2A-A1 ARLDVRDVW	90	1
>CDKN2A-A1 ARLDVRDAW	117	>CDKN2A-A1 ARLDVRDVW	68	49
>CDKN2A-A1 GARLDVRDA'	457	>CDKN2A-A1 GARLDVRDV'	142	315
>CDKN2A-A1 AGARLDVRD,	289	>CDKN2A-A1 AGARLDVRD'	81	208
>CDKN2A-A1 AEELGHRDV	408	>CDKN2A-A1 VEELGHRDV	1559	1151
>CDKN2A-A1 AEELGHRDV	29	>CDKN2A-A1 VEELGHRDV	1040	1011
>CDKN2A-A1 AEELGHRDV/	39	>CDKN2A-A1 VEELGHRDV/	498	459
>CDKN2A-A1 AEELGHRDV	336	>CDKN2A-A1 VEELGHRDV	1110	774
>CDKN2A-A1 LAEELGHRDV	1178	>CDKN2A-A1 LVEELGHRDV	126	1052
>CDKN2A-A1 LAEELGHR	532	>CDKN2A-A1 LVEELGHR	469	63
>CDKN2A-A1 DAWGRLPVD	3245	>CDKN2A-A1 DAWGRLPVD	340	2905
>CDKN2A-A1 DAWGRLPVD	2165	>CDKN2A-A1 DAWGRLPVD	67	2098
>CDKN2A-A1 DLAEELGHRC	265	>CDKN2A-A1 DLVEELGHRC	331	66
>CDKN2A-A1 DLAEELGHRC	185	>CDKN2A-A1 DLVEELGHRC	658	473
>CDKN2A-A1 DLAEELGHRC	418	>CDKN2A-A1 DLVEELGHRC	2131	1713
>CDKN2A-A1 DLAEELGHRC	27	>CDKN2A-A1 DLVEELGHRC	57	30
>CDKN2A-A1 DLAEELGHR	124	>CDKN2A-A1 DLVEELGHR	119	5
>CDKN2A-A1 DLAEELGHR	182	>CDKN2A-A1 DLVEELGHR	299	117
>CDKN2A-A1 LPVDLAEEL	414	>CDKN2A-A1 LPVDLVEEL	910	496
>CDKN2A-A1 LPVDLAEEL	42	>CDKN2A-A1 LPVDLVEEL	47	5
>CDKN2A-A1 LPVDLAEELG	86	>CDKN2A-A1 LPVDLVEELG	107	21
>CDKN2A-A1 LPVDLAEEL	407	>CDKN2A-A1 LPVDLVEEL	257	150
>CDKN2A-A1 LPVDLAEEL	52	>CDKN2A-A1 LPVDLVEEL	47	5
>CDKN2A-A1 LPVDLAEEL	1738	>CDKN2A-A1 LPVDLVEEL	396	1342
>CDKN2A-A1 LPVDLAEEL	86	>CDKN2A-A1 LPVDLVEEL	31	55
>CDKN2A-A1 RLPVDLAEEL	99	>CDKN2A-A1 RLPVDLVEEL	78	21
>CDKN2A-A1 RLPVDLAEEL	950	>CDKN2A-A1 RLPVDLVEEL	415	535
>CDKN2A-A1 RLPVDLAEEL	1079	>CDKN2A-A1 RLPVDLVEEL	458	621
>CDKN2A-A1 RLPVDLAEEL	38	>CDKN2A-A1 RLPVDLVEEL	20	18
>CDKN2A-A1 RLPVDLAEEL	165	>CDKN2A-A1 RLPVDLVEEL	112	53
>CDKN2A-A1 RLPVDLAEEL	125	>CDKN2A-A1 RLPVDLVEEL	59	66
>CDKN2A-A1 RLPVDLAEEL	391	>CDKN2A-A1 RLPVDLVEEL	249	142
>CDKN2A-A1 RLPVDLAEEL	15	>CDKN2A-A1 RLPVDLVEEL	12	3
>CDKN2A-A1 RLPVDLAEEL	1004	>CDKN2A-A1 RLPVDLVEEL	469	535

>CDKN2A-A1 GRLPVDLAEF	202	>CDKN2A-A1 GRLPVDLVEE	207	5
>CDKN2A-A1 GRLPVDLAEF	194	>CDKN2A-A1 GRLPVDLVEE	156	38
>CDKN2A-A1 GRLPVDLAEF	29	>CDKN2A-A1 GRLPVDLVEE	23	6
>CDKN2A-A1 AWGRLPVDL	156	>CDKN2A-A1 AWGRLPVDL	72	84
>CDKN2A-A1 ARYLRAAA	195	>CDKN2A-A1 SRYLRAAA	284	89
>CDKN2A-A1 ARYLRAAAGC	321	>CDKN2A-A1 SRYLRAAAGC	517	196
>CDKN2A-A1 ARYLRAAA	428	>CDKN2A-A1 SRYLRAAA	375	53
>CDKN2A-A1 VARYLRAA	137	>CDKN2A-A1 VSRYLRAA	50	87
>CDKN2A-A1 VARYLRAAA	38	>CDKN2A-A1 VSRYLRAAA	17	21
>CDKN2A-A1 VARYLRAAAGC	843	>CDKN2A-A1 VSRYLRAAAGC	312	531
>CDKN2A-A1 VARYLRAAAGC	1190	>CDKN2A-A1 VSRYLRAAAGC	476	714
>CDKN2A-A1 VARYLRAAA	284	>CDKN2A-A1 VSRYLRAAA	4667	4383
>CDKN2A-A1 DVARYLRAAA	376	>CDKN2A-A1 DVSRYLRAAA	466	90
>CDKN2A-A1 RDVARYLR	243	>CDKN2A-A1 RDVSRYL	178	65
>CDKN2A-A1 RDVARYLR	79	>CDKN2A-A1 RDVSRYL	118	39
>CDKN2A-A1 HRDVARYLR	203	>CDKN2A-A1 HRDVSRYL	425	222
>CDKN2A-A1 HRDVARYLRA	122	>CDKN2A-A1 HRDVSRYLRA	123	1
>CDKN2A-A1 HRDVARYL	175	>CDKN2A-A1 HRDVSRYL	167	8
>CDKN2A-A1 HRDVARYLR	370	>CDKN2A-A1 HRDVSRYL	405	35
>CDKN2A-A1 GHRDVARYLF	282	>CDKN2A-A1 GHRDVSRYLF	158	124
>CDKN2A-A1 LGHRDVARY	415	>CDKN2A-A1 LGHRDVSRY	509	94
>CDKN2A-A1 LGHRDVARYL	152	>CDKN2A-A1 LGHRDVSRYL	173	21
>CDKN2A-A1 LGHRDVARY	409	>CDKN2A-A1 LGHRDVSRY	441	32
>CDKN2A-A1 LGHRDVARY	1736	>CDKN2A-A1 LGHRDVSRY	100	1636
>CDKN2A-A1 ELGHRDVAR)	382	>CDKN2A-A1 ELGHRDVSRY	330	52
>CDKN2A-A1 ELGHRDVAR)	477	>CDKN2A-A1 ELGHRDVSRY	372	105
>CDKN2A-A1 ELGHRDVAR)	274	>CDKN2A-A1 ELGHRDVSRY	332	58
>CDKN2A-A1 ELGHRDVAR)	413	>CDKN2A-A1 ELGHRDVSRY	624	211
>CDKN2A-A1 ELGHRDVAR	85	>CDKN2A-A1 ELGHRDVSR	105	20
>CDKN2A-A1 ELGHRDVAR	153	>CDKN2A-A1 ELGHRDVSR	162	9
>CDKN2A-A1 ELGHRDVAR	188	>CDKN2A-A1 ELGHRDVSR	179	9
>CDKN2A-A1 EELGHRDVAF	86	>CDKN2A-A1 EELGHRDVSR	95	9
>CDKN2A-A1 EELGHRDVAF	177	>CDKN2A-A1 EELGHRDVSR	231	54
>CDKN2A-A1 EELGHRDVAF	121	>CDKN2A-A1 EELGHRDVSR	122	1
>CDKN2A-A1 EELGHRDVA	10	>CDKN2A-A1 EELGHRDVS	170	160
>CDKN2A-A1 EELGHRDVAF	471	>CDKN2A-A1 EELGHRDVSR	516	45
>CDKN2A-A1 AEELGHRDVAF	39	>CDKN2A-A1 AEELGHRDVS	318	279
>CDKN2A-A1 ARYLRAAA	195	>CDKN2A-A1 VRYLRAAA	614	419
>CDKN2A-A1 ARYLRAAAGC	321	>CDKN2A-A1 VRYLRAAAGC	996	675
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>CDKN2A-A1 VARYLRAAA	38	>CDKN2A-A1 VVRYLRAAA	14	24
>CDKN2A-A1 VARYLRAAAGC	843	>CDKN2A-A1 VVRYLRAAAGC	242	601

>CDKN2A-A1 VARYLRAAAC	1190	>CDKN2A-A1 VVRYLRAAAC	378	812
>CDKN2A-A1 VARYLRAAA	284	>CDKN2A-A1 VVRYLRAAA	197	87
>CDKN2A-A1 DVARYLRAA	1041	>CDKN2A-A1 DVVRYLRAA	172	869
>CDKN2A-A1 DVARYLRAA/	1865	>CDKN2A-A1 DVVRYLRAA/	416	1449
>CDKN2A-A1 DVARYLRAA/	376	>CDKN2A-A1 DVVRYLRAA/	388	12
>CDKN2A-A1 RDVARYLR	243	>CDKN2A-A1 RDVVRYLR	189	54
>CDKN2A-A1 RDVARYLR	79	>CDKN2A-A1 RDVVRYLR	212	133
>CDKN2A-A1 HRDVARYLR	203	>CDKN2A-A1 HRDVVRYLR	194	9
>CDKN2A-A1 HRDVARYLR/	122	>CDKN2A-A1 HRDVVRYLR/	119	3
>CDKN2A-A1 HRDVARYL	175	>CDKN2A-A1 HRDVVRYL	213	38
>CDKN2A-A1 HRDVARYLR	370	>CDKN2A-A1 HRDVVRYLR	521	151
>CDKN2A-A1 GHRDVARYL/	282	>CDKN2A-A1 GHRDVVRYL/	170	112
>CDKN2A-A1 LGHRDVARY	415	>CDKN2A-A1 LGHRDVVRY	2111	1696
>CDKN2A-A1 LGHRDVARYL	152	>CDKN2A-A1 LGHRDVVRYL	129	23
>CDKN2A-A1 LGHRDVARY	409	>CDKN2A-A1 LGHRDVVRY	724	315
>CDKN2A-A1 ELGHRDVA	10476	>CDKN2A-A1 ELGHRDVV	490	9986
>CDKN2A-A1 ELGHRDVAR\	382	>CDKN2A-A1 ELGHRDVVR\	200	182
>CDKN2A-A1 ELGHRDVA	10455	>CDKN2A-A1 ELGHRDVV	284	10171
>CDKN2A-A1 ELGHRDVA	3620	>CDKN2A-A1 ELGHRDVV	42	3578
>CDKN2A-A1 ELGHRDVAR\	477	>CDKN2A-A1 ELGHRDVVR\	317	160
>CDKN2A-A1 ELGHRDVAR\	274	>CDKN2A-A1 ELGHRDVVR\	709	435
>CDKN2A-A1 ELGHRDVAR\	413	>CDKN2A-A1 ELGHRDVVR\	1634	1221
>CDKN2A-A1 ELGHRDVAR	85	>CDKN2A-A1 ELGHRDVVR	176	91
>CDKN2A-A1 ELGHRDVAR	153	>CDKN2A-A1 ELGHRDVVR	192	39
>CDKN2A-A1 ELGHRDVAR	188	>CDKN2A-A1 ELGHRDVVR	189	1
>CDKN2A-A1 EELGHRDVA	8836	>CDKN2A-A1 EELGHRDVV	238	8598
>CDKN2A-A1 EELGHRDVAF	86	>CDKN2A-A1 EELGHRDVVF	228	142
>CDKN2A-A1 EELGHRDVAF	177	>CDKN2A-A1 EELGHRDVVF	168	9
>CDKN2A-A1 EELGHRDVA	6913	>CDKN2A-A1 EELGHRDVV	403	6510
>CDKN2A-A1 EELGHRDVAF	121	>CDKN2A-A1 EELGHRDVVF	105	16
>CDKN2A-A1 EELGHRDVA	10	>CDKN2A-A1 EELGHRDVV	29	19
>CDKN2A-A1 EELGHRDVA	6064	>CDKN2A-A1 EELGHRDVV	207	5857
>CDKN2A-A1 EELGHRDVAF	471	>CDKN2A-A1 EELGHRDVVF	392	79
>CDKN2A-A1 AEELGHRDV/	39	>CDKN2A-A1 AEELGHRDV\	120	81
>CDKN2A-A1 AEELGHRDV/	5611	>CDKN2A-A1 AEELGHRDV\	460	5151
>CDKN2A-A1 RAAAGGTR	82	>CDKN2A-A1 RPAAGGTR	4989	4907
>CDKN2A-A1 RAAAGGTR	423	>CDKN2A-A1 RPAAGGTR	7417	6994
>CDKN2A-A1 RAAAGGTR	15830	>CDKN2A-A1 RPAAGGTR	280	15550
>CDKN2A-A1 RAAAGGTRG	9344	>CDKN2A-A1 RPAAGGTRG	114	9230
>CDKN2A-A1 LRAAAGGTR	199	>CDKN2A-A1 LRPAAGGTR	1872	1673
>CDKN2A-A1 YLRAAAGGT	48	>CDKN2A-A1 YLRPAAGGT	61	13
>CDKN2A-A1 YLRAAAGGT	128	>CDKN2A-A1 YLRPAAGGT	41	87
>CDKN2A-A1 YLRAAAGGTF	231	>CDKN2A-A1 YLRPAAGGTF	251	20

>CDKN2A-A1 RYLRAAAG	414	>CDKN2A-A1 RYLRLPAAG	858	444
>CDKN2A-A1 RYLRAAAGG	436	>CDKN2A-A1 RYLRLPAAGG	886	450
>CDKN2A-A1 RYLRAAAGG†	218	>CDKN2A-A1 RYLRLPAAGG†	326	108
>CDKN2A-A1 RYLRAAAGG†	128	>CDKN2A-A1 RYLRLPAAGG†	200	72
>CDKN2A-A1 RYLRAAAG	239	>CDKN2A-A1 RYLRLPAAG	533	294
>CDKN2A-A1 RYLRAAAGG	315	>CDKN2A-A1 RYLRLPAAGG	1630	1315
>CDKN2A-A1 RYLRAAAGG†	96	>CDKN2A-A1 RYLRLPAAGG†	294	198
>CDKN2A-A1 RYLRAAAGG†	24	>CDKN2A-A1 RYLRLPAAGG†	20	4
>CDKN2A-A1 RYLRAAAGG†	33	>CDKN2A-A1 RYLRLPAAGG†	35	2
>CDKN2A-A1 ARYLRAAA	195	>CDKN2A-A1 ARYLRLPAA	295	100
>CDKN2A-A1 ARYLRAAAGC	321	>CDKN2A-A1 ARYLRLPAAGC	458	137
>CDKN2A-A1 ARYLRAAA	428	>CDKN2A-A1 ARYLRLPAA	362	66
>CDKN2A-A1 VARYLRAA	137	>CDKN2A-A1 VARYLRPA	49	88
>CDKN2A-A1 VARYLRAAA	38	>CDKN2A-A1 VARYLRPAA	20	18
>CDKN2A-A1 VARYLRAAA	284	>CDKN2A-A1 VARYLRPAA	752	468
>CDKN2A-A1 DVARYLRAA	1129	>CDKN2A-A1 DVARYLRPA	237	892
>CDKN2A-A1 DVARYLRAA†	376	>CDKN2A-A1 DVARYLRPA†	1360	984
>CDKN2A-A1 DVARYLRAA†	877	>CDKN2A-A1 DVARYLRPA†	453	424
>CDKN2A-A1 RDVARYLRAA	1219	>CDKN2A-A1 RDVARYLRPA	439	780
>CDKN2A-A1 HRDVARYLR†	122	>CDKN2A-A1 HRDVARYLRF	1922	1800
>CDKN2A-A1 RAAAGGTR	82	>CDKN2A-A1 RVAAGGTR	46	36
>CDKN2A-A1 RAAAGGTR	423	>CDKN2A-A1 RVAAGGTR	289	134
>CDKN2A-A1 LRAAAGGTR	199	>CDKN2A-A1 LRVAAGGTR	252	53
>CDKN2A-A1 YLRAAAGGT	48	>CDKN2A-A1 YLRVAAGGT	292	244
>CDKN2A-A1 YLRAAAGGT	128	>CDKN2A-A1 YLRVAAGGT	632	504
>CDKN2A-A1 YLRAAAGGTF	231	>CDKN2A-A1 YLRVAAGGTF	551	320
>CDKN2A-A1 RYLRAAAG	414	>CDKN2A-A1 RYLRLVAAG	340	74
>CDKN2A-A1 RYLRAAAGG	436	>CDKN2A-A1 RYLRLVAAGG	403	33
>CDKN2A-A1 RYLRAAAGG†	218	>CDKN2A-A1 RYLRLVAAGG†	203	15
>CDKN2A-A1 RYLRAAAGG†	128	>CDKN2A-A1 RYLRLVAAGG†	109	19
>CDKN2A-A1 RYLRAAAG	239	>CDKN2A-A1 RYLRLVAAG	497	258
>CDKN2A-A1 RYLRAAAGG	315	>CDKN2A-A1 RYLRLVAAGG	1264	949
>CDKN2A-A1 RYLRAAAGG†	96	>CDKN2A-A1 RYLRLVAAGG†	250	154
>CDKN2A-A1 RYLRAAAGG†	24	>CDKN2A-A1 RYLRLVAAGG†	16	8
>CDKN2A-A1 RYLRAAAGG†	33	>CDKN2A-A1 RYLRLVAAGG†	39	6
>CDKN2A-A1 ARYLRAAA	195	>CDKN2A-A1 ARYLRLVAA	176	19
>CDKN2A-A1 ARYLRAAAGC	321	>CDKN2A-A1 ARYLRLVAAGC	349	28
>CDKN2A-A1 ARYLRAAA	428	>CDKN2A-A1 ARYLRLVAA	471	43
>CDKN2A-A1 ARYLRAAAG	638	>CDKN2A-A1 ARYLRLVAAG	380	258
>CDKN2A-A1 VARYLRAA	137	>CDKN2A-A1 VARYLRVA	228	91
>CDKN2A-A1 VARYLRAAA	38	>CDKN2A-A1 VARYLRVAA	63	25
>CDKN2A-A1 VARYLRAAA	284	>CDKN2A-A1 VARYLRVAA	345	61
>CDKN2A-A1 DVARYLRA	514	>CDKN2A-A1 DVARYLRV	37	477

>CDKN2A-A1 DVARYLRAA/	376	>CDKN2A-A1 DVARYLRVA/	622	246
>CDKN2A-A1 DVARYLRA	1927	>CDKN2A-A1 DVARYLRV	52	1875
>CDKN2A-A1 RDVARYLRA	5033	>CDKN2A-A1 RDVARYLRV	139	4894
>CDKN2A-A1 HRDVARYLR/	122	>CDKN2A-A1 HRDVARYLR\	91	31
>CDKN2A-A1 RDVARYLRA/	8209	>CDKN2A-A1 RDVARYLRA\	386	7823
>CDKN2A-A1 RAAAGGTR	82	>CDKN2A-A1 RAAVGGTR	60	22
>CDKN2A-A1 RAAAGGTR	423	>CDKN2A-A1 RAAVGGTR	541	118
>CDKN2A-A1 LRAAAGGTR	199	>CDKN2A-A1 LRAAVGGTR	220	21
>CDKN2A-A1 YLRAAAGGT	48	>CDKN2A-A1 YLRAAVGGT	9	39
>CDKN2A-A1 YLRAAAGGT	1645	>CDKN2A-A1 YLRAAVGGT	282	1363
>CDKN2A-A1 YLRAAAGGT	128	>CDKN2A-A1 YLRAAVGGT	45	83
>CDKN2A-A1 YLRAAAGGTF	891	>CDKN2A-A1 YLRAAVGGTF	400	491
>CDKN2A-A1 YLRAAAGGTF	231	>CDKN2A-A1 YLRAAVGGTF	605	374
>CDKN2A-A1 RYLRAAAG	414	>CDKN2A-A1 RYLRAAVG	305	109
>CDKN2A-A1 RYLRAAAGG	436	>CDKN2A-A1 RYLRAAVGG	271	165
>CDKN2A-A1 RYLRAAAGG†	218	>CDKN2A-A1 RYLRAAVGG†	125	93
>CDKN2A-A1 RYLRAAAGG†	128	>CDKN2A-A1 RYLRAAVGG†	95	33
>CDKN2A-A1 RYLRAAAG	239	>CDKN2A-A1 RYLRAAVG	421	182
>CDKN2A-A1 RYLRAAAGG	315	>CDKN2A-A1 RYLRAAVGG	561	246
>CDKN2A-A1 RYLRAAAGG†	96	>CDKN2A-A1 RYLRAAVGG†	186	90
>CDKN2A-A1 RYLRAAAGG†	24	>CDKN2A-A1 RYLRAAVGG†	21	3
>CDKN2A-A1 RYLRAAAGG†	33	>CDKN2A-A1 RYLRAAVGG†	34	1
>CDKN2A-A1 ARYLRAAA	1662	>CDKN2A-A1 ARYLRAAV	365	1297
>CDKN2A-A1 ARYLRAAA	195	>CDKN2A-A1 ARYLRAAV	71	124
>CDKN2A-A1 ARYLRAAAGC	321	>CDKN2A-A1 ARYLRAAVGC	351	30
>CDKN2A-A1 ARYLRAAA	428	>CDKN2A-A1 ARYLRAAV	879	451
>CDKN2A-A1 VARYLRAAA	38	>CDKN2A-A1 VARYLRAAV	69	31
>CDKN2A-A1 VARYLRAAA	284	>CDKN2A-A1 VARYLRAAV	67	217
>CDKN2A-A1 VARYLRAAA	943	>CDKN2A-A1 VARYLRAAV	475	468
>CDKN2A-A1 DVARYLRAA/	1865	>CDKN2A-A1 DVARYLRAA\	442	1423
>CDKN2A-A1 DVARYLRAA/	376	>CDKN2A-A1 DVARYLRAA\	53	323
>CDKN2A-A1 DVARYLRAA/	877	>CDKN2A-A1 DVARYLRAA\	24	853
>CDKN2A-A1 HARIDAAEG	1117	>CDKN2A-A1 HTRIDAAEG	171	946
>CDKN2A-A1 HARIDAAEGF	330	>CDKN2A-A1 HTRIDAAEGP	63	267
>CDKN2A-A1 RGSNHARI	251	>CDKN2A-A1 RGSNHTRI	232	19
>CDKN2A-A1 GTRGSNHA	16	>CDKN2A-A1 GTRGSNHT	335	319
>CDKN2A-A1 GTRGSNHAR	51	>CDKN2A-A1 GTRGSNHTR	52	1
>CDKN2A-A1 GTRGSNHAR	15	>CDKN2A-A1 GTRGSNHTRI	40	25
>CDKN2A-A1 GTRGSNHAR	28	>CDKN2A-A1 GTRGSNHTR	36	8
>CDKN2A-A1 GTRGSNHAR	412	>CDKN2A-A1 GTRGSNHTR	519	107
>CDKN2A-A1 GTRGSNHAR	205	>CDKN2A-A1 GTRGSNHTR	169	36
>CDKN2A-A1 GTRGSNHAR	10	>CDKN2A-A1 GTRGSNHTRI	12	2
>CDKN2A-A1 GTRGSNHAR	2527	>CDKN2A-A1 GTRGSNHTR	455	2072



>CDKN2A-A1 GTRGSNHAR	470	>CDKN2A-A1 GTRGSNHTR	460	10
>CDKN2A-A1 DAAEGPSDI	1183	>CDKN2A-A1 DTAEGPSDI	129	1054
>CDKN2A-A1 DAAEGPSDI	715	>CDKN2A-A1 DTAEGPSDI	114	601
>CDKN2A-A1 IDAAEGPSDI	267	>CDKN2A-A1 IDTAEGPSDI	182	85
>CDKN2A-A1 HARIDAAEG	1117	>CDKN2A-A1 HARIDTAEG	416	701
>CDKN2A-A1 HARIDAAEGF	330	>CDKN2A-A1 HARIDTAEGP	209	121
>CDKN2A-A1 AAEGPSDI	855	>CDKN2A-A1 ATEGPSDI	193	662
>CDKN2A-A1 IDAAEGPSDI	267	>CDKN2A-A1 IDATEGPSDI	349	82
>CDKN2A-A1 HARIDAAEGF	330	>CDKN2A-A1 HARIDATEGP	579	249
>CDKN2A-A1 ATAAARGR	366	>CDKN2A-A1 TTAAARGR	517	151
>CDKN2A-A1 ATAAARGR	32	>CDKN2A-A1 TTAAARGR	5	27
>CDKN2A-A1 ATAAARGRV	13	>CDKN2A-A1 TTAAARGRV	5	8
>CDKN2A-A1 ATAAARGRV	745	>CDKN2A-A1 TTAAARGRV	40	705
>CDKN2A-A1 LATAAARGR	105	>CDKN2A-A1 LTAAARGR	32	73
>CDKN2A-A1 LATAAARGR\	107	>CDKN2A-A1 LTAAARGRV	24	83
>CDKN2A-A1 LATAAARGR\	3014	>CDKN2A-A1 LTAAARGRV	299	2715
>CDKN2A-A1 LATAAARGR\	3951	>CDKN2A-A1 LTAAARGRV	66	3885
>CDKN2A-A1 SSMEPSADW	205	>CDKN2A-A1 SSMEPSADW	1297	1092
>CDKN2A-A1 SSMEPSADW	56	>CDKN2A-A1 SSMEPSADW	870	814
>CDKN2A-A1 SSMEPSADW	363	>CDKN2A-A1 SSMEPSADW	1649	1286
>CDKN2A-A1 WLATAAARG	336	>CDKN2A-A1 WLTTAAARG	1133	797
>CDKN2A-A1 WLATAAARG	22	>CDKN2A-A1 WLTTAAARG	132	110
>CDKN2A-A1 WLATAAARG	8	>CDKN2A-A1 WLTTAAARG	38	30
>CDKN2A-A1 WLATAAARG	125	>CDKN2A-A1 WLTTAAARG	355	230
>CDKN2A-A1 WLATAAARG	25	>CDKN2A-A1 WLTTAAARG	59	34
>CDKN2A-A1 WLATAAARG	244	>CDKN2A-A1 WLTTAAARG	340	96
>CDKN2A-A1 WLATAAARG	27	>CDKN2A-A1 WLTTAAARG	53	26
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>CDKN2A-A1 WLATAAAR	68	>CDKN2A-A1 WLTTAAAR	152	84
>CDKN2A-A1 WLATAAARG	37	>CDKN2A-A1 WLTTAAARG	183	146
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>CDKN2A-A1 WLATAAARG	58	>CDKN2A-A1 WLTTAAARG	58	0
>CDKN2A-A1 WLATAAAR	328	>CDKN2A-A1 WLTTAAAR	376	48
>CDKN2A-A1 DWLATAAAR	119	>CDKN2A-A1 DWLTTAAAR	161	42
>CDKN2A-A1 DWLATAAAR	23	>CDKN2A-A1 DWLTTAAAR	21	2
>CDKN2A-A1 DWLATAAAR	30	>CDKN2A-A1 DWLTTAAAR	29	1
>CDKN2A-A1 DWLATAAAA	205	>CDKN2A-A1 DWLTTAAA	176	29
>CDKN2A-A1 DWLATAAAR	450	>CDKN2A-A1 DWLTTAAAR	450	0
>CDKN2A-A1 ADWLATAAAA	943	>CDKN2A-A1 ADWLTTAAA	430	513
>CDKN2A-A1 SADWLATAA	619	>CDKN2A-A1 SADWLTTAA	444	175
>CDKN2A-A1 SADWLATAA	830	>CDKN2A-A1 SADWLTTAA,	455	375
>CDKN2A-A1 SADWLATAA	83	>CDKN2A-A1 SADWLTTAA,	74	9

>CDKN2A-A1 SADWLATAA	491	>CDKN2A-A1 SADWLTTAA	322	169
>CDKN2A-A1 SADWLATAA	283	>CDKN2A-A1 SADWLTTAA	243	40
>CDKN2A-A1 EPSADWLAT	30	>CDKN2A-A1 EPSADWLTT	63	33
>CDKN2A-A1 EPSADWLAT/	31	>CDKN2A-A1 EPSADWLTT/	28	3
>CDKN2A-A1 EPSADWLAT/	270	>CDKN2A-A1 EPSADWLTT/	287	17
>CDKN2A-A1 MEPSADWLA	596	>CDKN2A-A1 MEPSADWLT	499	97
>CDKN2A-A1 SMEPSADWL	188	>CDKN2A-A1 SMEPSADWL	882	694
>CDKN2A-A1 SMEPSADWL	218	>CDKN2A-A1 SMEPSADWL	800	582
>CDKN2A-A1 SMEPSADWL	464	>CDKN2A-A1 SMEPSADWL	1880	1416
>CDKN2A-A1 SMEPSADWL	265	>CDKN2A-A1 SMEPSADWL	1598	1333
>CDKN2A-A1 SMEPSADWL	257	>CDKN2A-A1 SMEPSADWL	3157	2900
>CDKN2A-A1 SMEPSADWL	149	>CDKN2A-A1 SMEPSADWL	1604	1455
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>CDKN2A-A1 SMEPSADWL	901	>CDKN2A-A1 SMEPSADWL	349	552
>CDKN2A-A2 AARGRVEEV	50	>CDKN2A-A2 EARGRVEEV	2694	2644
>CDKN2A-A2 AARGRVEEVF	269	>CDKN2A-A2 EARGRVEEVF	10632	10363
>CDKN2A-A2 AARGRVEEVF	265	>CDKN2A-A2 EARGRVEEVF	1632	1367
>CDKN2A-A2 AARGRVEEVF	2065	>CDKN2A-A2 EARGRVEEVF	223	1842
>CDKN2A-A2 AARGRVEEV	8453	>CDKN2A-A2 EARGRVEEV	239	8214
>CDKN2A-A2 AAARGRVEE\	25805	>CDKN2A-A2 AEARGRVEE\	177	25628
>CDKN2A-A2 AAARGRVEE\	33	>CDKN2A-A2 AEARGRVEE\	1833	1800
>CDKN2A-A2 AAARGRVEE\	434	>CDKN2A-A2 AEARGRVEE\	9323	8889
>CDKN2A-A2 AAARGRVEE\	127	>CDKN2A-A2 AEARGRVEE\	6847	6720
>CDKN2A-A2 AAARGRVEE\	34188	>CDKN2A-A2 AEARGRVEE\	338	33850
>CDKN2A-A2 AAARGRVE	35278	>CDKN2A-A2 AEARGRVE	372	34906
>CDKN2A-A2 AAARGRVEE	31939	>CDKN2A-A2 AEARGRVEE	272	31667
>CDKN2A-A2 AAARGRVEE\	24299	>CDKN2A-A2 AEARGRVEE\	187	24112
>CDKN2A-A2 AAARGRVEE\	35835	>CDKN2A-A2 AEARGRVEE\	415	35420
>CDKN2A-A2 AAARGRVEE\	34282	>CDKN2A-A2 AEARGRVEE\	232	34050
>CDKN2A-A2 EPSADWLAT/	31	>CDKN2A-A2 EPSADWLAT/	88	57
>CDKN2A-A2 EPSADWLAT/	270	>CDKN2A-A2 EPSADWLAT/	8509	8239
>CDKN2A-A2 TAAARGRV	36	>CDKN2A-A2 TAEARGRV	2496	2460
>CDKN2A-A2 TAAARGRVEE	34	>CDKN2A-A2 TAEARGRVEE	1357	1323
>CDKN2A-A2 ATAAARGRV	589	>CDKN2A-A2 ATAEARGRV	386	203
>CDKN2A-A2 ATAAARGRV	561	>CDKN2A-A2 ATAEARGRV	176	385
>CDKN2A-A2 ATAAARGR	366	>CDKN2A-A2 ATAEARGR	913	547
>CDKN2A-A2 ATAAARGR	32	>CDKN2A-A2 ATAEARGR	38	6
>CDKN2A-A2 ATAAARGRV	13	>CDKN2A-A2 ATAEARGRV	15	2
>CDKN2A-A2 ATAAARGRV	745	>CDKN2A-A2 ATAEARGRV	151	594
>CDKN2A-A2 ATAAARGR	623	>CDKN2A-A2 ATAEARGR	403	220
>CDKN2A-A2 LATAAARGR	105	>CDKN2A-A2 LATAEARGR	286	181
>CDKN2A-A2 LATAAARGR\	107	>CDKN2A-A2 LATAEARGR\	352	245
>CDKN2A-A2 WLATAAARG	336	>CDKN2A-A2 WLATAEARG	302	34

>CDKN2A-A2 WLATAAARG	22	>CDKN2A-A2 WLATAEARG	25	3
>CDKN2A-A2 WLATAAARG	8	>CDKN2A-A2 WLATAEARG	12	4
>CDKN2A-A2 WLATAAARG	125	>CDKN2A-A2 WLATAEARG	206	81
>CDKN2A-A2 WLATAAARG	25	>CDKN2A-A2 WLATAEARG	24	1
>CDKN2A-A2 WLATAAARG	244	>CDKN2A-A2 WLATAEARG	250	6
>CDKN2A-A2 WLATAAARG	27	>CDKN2A-A2 WLATAEARG	23	4
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>CDKN2A-A2 WLATAAARG	3	>CDKN2A-A2 WLATAEARG	3	0
>CDKN2A-A2 WLATAAAR	68	>CDKN2A-A2 WLATAEAR	114	46
>CDKN2A-A2 WLATAAARG	37	>CDKN2A-A2 WLATAEARG	65	28
>CDKN2A-A2 WLATAAARG	350	>CDKN2A-A2 WLATAEARG	946	596
>CDKN2A-A2 WLATAAARG	58	>CDKN2A-A2 WLATAEARG	223	165
>CDKN2A-A2 WLATAAAR	328	>CDKN2A-A2 WLATAEAR	710	382
>CDKN2A-A2 DWLATAAAR	119	>CDKN2A-A2 DWLATAEAR	629	510
>CDKN2A-A2 DWLATAAAR	23	>CDKN2A-A2 DWLATAEAR	33	10
>CDKN2A-A2 DWLATAAAR	30	>CDKN2A-A2 DWLATAEAR	31	1
>CDKN2A-A2 DWLATAAA	205	>CDKN2A-A2 DWLATAEA	438	233
>CDKN2A-A2 DWLATAAAR	450	>CDKN2A-A2 DWLATAEAR	336	114
>CDKN2A-A2 SADWLATAA	83	>CDKN2A-A2 SADWLATAE	104	21
>CDKN2A-A2 SADWLATAA	491	>CDKN2A-A2 SADWLATAE	16795	16304
>CDKN2A-A2 SADWLATAA	283	>CDKN2A-A2 SADWLATAE	374	91
>CDKN2A-A2 AARGRVEEV	50	>CDKN2A-A2 PARGRVEEV	3568	3518
>CDKN2A-A2 AARGRVEEVF	269	>CDKN2A-A2 PARGRVEEVF	5144	4875
>CDKN2A-A2 AARGRVEEVF	265	>CDKN2A-A2 PARGRVEEVF	3394	3129
>CDKN2A-A2 AAARGRVEE\	33	>CDKN2A-A2 APARGRVEE\	6664	6631
>CDKN2A-A2 AAARGRVEE\	434	>CDKN2A-A2 APARGRVEE\	8930	8496
>CDKN2A-A2 AAARGRVEE\	127	>CDKN2A-A2 APARGRVEE\	3591	3464
>CDKN2A-A2 AAARGRVE	13653	>CDKN2A-A2 APARGRVE	175	13478
>CDKN2A-A2 AAARGRVEE	14448	>CDKN2A-A2 APARGRVEE	253	14195
>CDKN2A-A2 EPSADWLAT/	31	>CDKN2A-A2 EPSADWLAT/	285	254
>CDKN2A-A2 EPSADWLAT/	270	>CDKN2A-A2 EPSADWLAT/	5007	4737
>CDKN2A-A2 TAAARGRV	36	>CDKN2A-A2 TAPARGRV	119	83
>CDKN2A-A2 TAAARGRVEE	34	>CDKN2A-A2 TAPARGRVEE	94	60
>CDKN2A-A2 ATAAARGRV	561	>CDKN2A-A2 ATAPARGRV	196	365
>CDKN2A-A2 ATAAARGR	366	>CDKN2A-A2 ATAPARGR	310	56
>CDKN2A-A2 ATAAARGR	32	>CDKN2A-A2 ATAPARGR	53	21
>CDKN2A-A2 ATAAARGRV	13	>CDKN2A-A2 ATAPARGRV	15	2
>CDKN2A-A2 ATAAARGRV	1736	>CDKN2A-A2 ATAPARGRV	348	1388
>CDKN2A-A2 ATAAARGR	623	>CDKN2A-A2 ATAPARGR	246	377
>CDKN2A-A2 ATAAARGRV	1901	>CDKN2A-A2 ATAPARGRV	481	1420
>CDKN2A-A2 LATAAARGR	105	>CDKN2A-A2 LATAPARGR	221	116
>CDKN2A-A2 LATAAARGR\	107	>CDKN2A-A2 LATAPARGR\	138	31
>CDKN2A-A2 WLATAAARG	336	>CDKN2A-A2 WLATAPARG	246	90

>CDKN2A-A2 WLATAAARG	22	>CDKN2A-A2 WLATAPARG	25	3
>CDKN2A-A2 WLATAAARG	8	>CDKN2A-A2 WLATAPARG	7	1
>CDKN2A-A2 WLATAAARG	125	>CDKN2A-A2 WLATAPARG	257	132
>CDKN2A-A2 WLATAAARG	25	>CDKN2A-A2 WLATAPARG	20	5
>CDKN2A-A2 WLATAAARG	244	>CDKN2A-A2 WLATAPARG	234	10
>CDKN2A-A2 WLATAAARG	27	>CDKN2A-A2 WLATAPARG	25	2
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>CDKN2A-A2 WLATAAARG	3	>CDKN2A-A2 WLATAPARG	3	0
>CDKN2A-A2 WLATAAAR	68	>CDKN2A-A2 WLATAPAR	165	97
>CDKN2A-A2 WLATAAARG	37	>CDKN2A-A2 WLATAPARG	38	1
>CDKN2A-A2 WLATAAARG	350	>CDKN2A-A2 WLATAPARG	520	170
>CDKN2A-A2 WLATAAARG	58	>CDKN2A-A2 WLATAPARG	64	6
>CDKN2A-A2 WLATAAAR	328	>CDKN2A-A2 WLATAPAR	394	66
>CDKN2A-A2 DWLATAAAR	119	>CDKN2A-A2 DWLATAPAR	517	398
>CDKN2A-A2 DWLATAAAR	23	>CDKN2A-A2 DWLATAPAR	33	10
>CDKN2A-A2 DWLATAAAR	30	>CDKN2A-A2 DWLATAPAR	34	4
>CDKN2A-A2 DWLATAAA	205	>CDKN2A-A2 DWLATAPA	324	119
>CDKN2A-A2 DWLATAAAR	450	>CDKN2A-A2 DWLATAPAR	377	73
>CDKN2A-A2 SADWLATAA	83	>CDKN2A-A2 SADWLATAP	158	75
>CDKN2A-A2 SADWLATAA	491	>CDKN2A-A2 SADWLATAP	14623	14132
>CDKN2A-A2 SADWLATAA	283	>CDKN2A-A2 SADWLATAP	111	172
>CDKN2A-A2 AARGRVEEV	50	>CDKN2A-A2 SARGRVEEV	73	23
>CDKN2A-A2 AARGRVEEVF	269	>CDKN2A-A2 SARGRVEEVF	451	182
>CDKN2A-A2 AARGRVEEVF	265	>CDKN2A-A2 SARGRVEEVF	218	47
>CDKN2A-A2 AAARGRVEE\	33	>CDKN2A-A2 ASARGRVEEV	1316	1283
>CDKN2A-A2 AAARGRVEE\	434	>CDKN2A-A2 ASARGRVEEV	237	197
>CDKN2A-A2 AAARGRVEE\	127	>CDKN2A-A2 ASARGRVEEV	156	29
>CDKN2A-A2 EPSADWLAT/	31	>CDKN2A-A2 EPSADWLAT/	39	8
>CDKN2A-A2 EPSADWLAT/	270	>CDKN2A-A2 EPSADWLAT/	4734	4464
>CDKN2A-A2 TAAARGRV	36	>CDKN2A-A2 TASARGRV	124	88
>CDKN2A-A2 TAAARGRVEE	34	>CDKN2A-A2 TASARGRVEE	94	60
>CDKN2A-A2 ATAAARGR	366	>CDKN2A-A2 ATASARGR	260	106
>CDKN2A-A2 ATAAARGR	32	>CDKN2A-A2 ATASARGR	23	9
>CDKN2A-A2 ATAAARGRV	13	>CDKN2A-A2 ATASARGRV	18	5
>CDKN2A-A2 ATAAARGRV	1073	>CDKN2A-A2 ATASARGRV	193	880
>CDKN2A-A2 ATAAARGR	623	>CDKN2A-A2 ATASARGR	282	341
>CDKN2A-A2 LATAAARGR	105	>CDKN2A-A2 LATASARGR	82	23
>CDKN2A-A2 LATAAARGR\	107	>CDKN2A-A2 LATASARGRV	121	14
>CDKN2A-A2 WLATAAARG	336	>CDKN2A-A2 WLATASARG	241	95
>CDKN2A-A2 WLATAAARG	22	>CDKN2A-A2 WLATASARG	18	4
>CDKN2A-A2 WLATAAARG	8	>CDKN2A-A2 WLATASARG	7	1
>CDKN2A-A2 WLATAAARG	125	>CDKN2A-A2 WLATASARG	140	15
>CDKN2A-A2 WLATAAARG	25	>CDKN2A-A2 WLATASARG	23	2

>CDKN2A-A2 WLATAAARG	244	>CDKN2A-A2 WLATASARG	181	63
>CDKN2A-A2 WLATAAARG	27	>CDKN2A-A2 WLATASARG	24	3
>CDKN2A-A2 WLATAAARG	23	>CDKN2A-A2 WLATASARG	20	3
>CDKN2A-A2 WLATAAARG	3	>CDKN2A-A2 WLATASARG	3	0
>CDKN2A-A2 WLATAAAR	68	>CDKN2A-A2 WLATASAR	86	18
>CDKN2A-A2 WLATAAARG	838	>CDKN2A-A2 WLATASARG	408	430
>CDKN2A-A2 WLATAAARG	37	>CDKN2A-A2 WLATASARG	33	4
>CDKN2A-A2 WLATAAARG	350	>CDKN2A-A2 WLATASARG	363	13
>CDKN2A-A2 WLATAAARG	58	>CDKN2A-A2 WLATASARG	76	18
>CDKN2A-A2 WLATAAAR	328	>CDKN2A-A2 WLATASAR	583	255
>CDKN2A-A2 DWLATAAAR	119	>CDKN2A-A2 DWLATASAR	193	74
>CDKN2A-A2 DWLATAAAR	23	>CDKN2A-A2 DWLATASAR	36	13
>CDKN2A-A2 DWLATAAAR	30	>CDKN2A-A2 DWLATASAR	35	5
>CDKN2A-A2 DWLATAAA	205	>CDKN2A-A2 DWLATASA	247	42
>CDKN2A-A2 DWLATAAAR	450	>CDKN2A-A2 DWLATASAR	315	135
>CDKN2A-A2 SADWLATAA	83	>CDKN2A-A2 SADWLATAS	82	1
>CDKN2A-A2 SADWLATAA	491	>CDKN2A-A2 SADWLATAS	10860	10369
>CDKN2A-A2 SADWLATAA	283	>CDKN2A-A2 SADWLATAS	322	39
>CDKN2A-A2 AARGRVEEV	50	>CDKN2A-A2 TARGRVEEV	476	426
>CDKN2A-A2 AARGRVEEVF	269	>CDKN2A-A2 TARGRVEEVF	1795	1526
>CDKN2A-A2 AARGRVEEVF	265	>CDKN2A-A2 TARGRVEEVF	438	173
>CDKN2A-A2 AARGRVEEVF	2065	>CDKN2A-A2 TARGRVEEVF	274	1791
>CDKN2A-A2 AAARGRVEE\	786	>CDKN2A-A2 ATARGRVEE\	222	564
>CDKN2A-A2 AAARGRVEE\	1310	>CDKN2A-A2 ATARGRVEE\	298	1012
>CDKN2A-A2 AAARGRVEE\	33	>CDKN2A-A2 ATARGRVEE\	24	9
>CDKN2A-A2 AAARGRVEE\	434	>CDKN2A-A2 ATARGRVEE\	119	315
>CDKN2A-A2 AAARGRVEE\	127	>CDKN2A-A2 ATARGRVEE\	30	97
>CDKN2A-A2 AAARGRVEE\	1092	>CDKN2A-A2 ATARGRVEE\	104	988
>CDKN2A-A2 EPSADWLAT/	31	>CDKN2A-A2 EPSADWLAT/	30	1
>CDKN2A-A2 EPSADWLAT/	270	>CDKN2A-A2 EPSADWLAT/	4223	3953
>CDKN2A-A2 TAAARGRV	36	>CDKN2A-A2 TATARGRV	154	118
>CDKN2A-A2 TAAARGRVEE	34	>CDKN2A-A2 TATARGRVEE	115	81
>CDKN2A-A2 ATAAARGR	366	>CDKN2A-A2 ATATARGR	463	97
>CDKN2A-A2 ATAAARGR	32	>CDKN2A-A2 ATATARGR	35	3
>CDKN2A-A2 ATAAARGRV	13	>CDKN2A-A2 ATATARGRV	17	4
>CDKN2A-A2 LATAAARGR	105	>CDKN2A-A2 LATATARGR	108	3
>CDKN2A-A2 LATAAARGR\	107	>CDKN2A-A2 LATATARGRV	166	59
>CDKN2A-A2 WLATAAARG	336	>CDKN2A-A2 WLATATARG	226	110
>CDKN2A-A2 WLATAAARG	1220	>CDKN2A-A2 WLATATARG	336	884
>CDKN2A-A2 WLATAAARG	22	>CDKN2A-A2 WLATATARG	18	4
>CDKN2A-A2 WLATAAARG	8	>CDKN2A-A2 WLATATARG	7	1
>CDKN2A-A2 WLATAAARG	125	>CDKN2A-A2 WLATATARG	134	9
>CDKN2A-A2 WLATAAARG	25	>CDKN2A-A2 WLATATARG	26	1

>CDKN2A-A2 WLATAAARG	244	>CDKN2A-A2 WLATATARG	186	58
>CDKN2A-A2 WLATAAARG	27	>CDKN2A-A2 WLATATARG	28	1
>CDKN2A-A2 WLATAAARG	23	>CDKN2A-A2 WLATATARG	21	2
>CDKN2A-A2 WLATAAARG	3	>CDKN2A-A2 WLATATARG	3	0
>CDKN2A-A2 WLATAAAR	68	>CDKN2A-A2 WLATATAR	80	12
>CDKN2A-A2 WLATAAARG	37	>CDKN2A-A2 WLATATARG	27	10
>CDKN2A-A2 WLATAAARG	350	>CDKN2A-A2 WLATATARG	352	2
>CDKN2A-A2 WLATAAARG	58	>CDKN2A-A2 WLATATARG	127	69
>CDKN2A-A2 WLATAAAR	328	>CDKN2A-A2 WLATATAR	253	75
>CDKN2A-A2 WLATAAARG	572	>CDKN2A-A2 WLATATARG	335	237
>CDKN2A-A2 DWLATAAAR	119	>CDKN2A-A2 DWLATATAR	187	68
>CDKN2A-A2 DWLATAAAR	23	>CDKN2A-A2 DWLATATAR	22	1
>CDKN2A-A2 DWLATAAAR	30	>CDKN2A-A2 DWLATATAR	28	2
>CDKN2A-A2 DWLATAAA	205	>CDKN2A-A2 DWLATATA	282	77
>CDKN2A-A2 DWLATAAAR	450	>CDKN2A-A2 DWLATATAR	325	125
>CDKN2A-A2 ADWLATAAA	943	>CDKN2A-A2 ADWLATATA	474	469
>CDKN2A-A2 SADWLATAA	83	>CDKN2A-A2 SADWLATAT,	113	30
>CDKN2A-A2 SADWLATAA	491	>CDKN2A-A2 SADWLATAT	3382	2891
>CDKN2A-A2 SADWLATAA	283	>CDKN2A-A2 SADWLATAT,	414	131
>CDKN2A-A2 ARGRVEEV	260	>CDKN2A-A2 DRGRVEEV	3752	3492
>CDKN2A-A2 AARGRVEEV	50	>CDKN2A-A2 ADRGRVEEV	12085	12035
>CDKN2A-A2 AARGRVEEV	269	>CDKN2A-A2 ADRGRVEEV	9415	9146
>CDKN2A-A2 AARGRVEEV	265	>CDKN2A-A2 ADRGRVEEV	4508	4243
>CDKN2A-A2 AARGRVEEV	16588	>CDKN2A-A2 ADRGRVEEV	303	16285
>CDKN2A-A2 AARGRVEEV	31255	>CDKN2A-A2 ADRGRVEEV	197	31058
>CDKN2A-A2 AAARGRVEE\	786	>CDKN2A-A2 AADRGRVEE\	335	451
>CDKN2A-A2 AAARGRVEE\	33	>CDKN2A-A2 AADRGRVEE\	106	73
>CDKN2A-A2 AAARGRVEE\	434	>CDKN2A-A2 AADRGRVEE\	2362	1928
>CDKN2A-A2 AAARGRVEE\	127	>CDKN2A-A2 AADRGRVEE\	2190	2063
>CDKN2A-A2 TAAARGRVEI	559	>CDKN2A-A2 TAADRGRVEI	411	148
>CDKN2A-A2 TAAARGRVEI	573	>CDKN2A-A2 TAADRGRVEI	384	189
>CDKN2A-A2 TAAARGRVEI	741	>CDKN2A-A2 TAADRGRVEI	366	375
>CDKN2A-A2 TAAARGRVEI	881	>CDKN2A-A2 TAADRGRVEI	147	734
>CDKN2A-A2 TAAARGRV	36	>CDKN2A-A2 TAADRGRV	44	8
>CDKN2A-A2 TAAARGRVEI	34	>CDKN2A-A2 TAADRGRVEI	34	0
>CDKN2A-A2 ATAAARGR	366	>CDKN2A-A2 ATAADRGR	616	250
>CDKN2A-A2 ATAAARGR	32	>CDKN2A-A2 ATAADRGR	60	28
>CDKN2A-A2 ATAAARGRV	13	>CDKN2A-A2 ATAADRGRV	33	20
>CDKN2A-A2 LATAAARGR	105	>CDKN2A-A2 LATAADRGR	164	59
>CDKN2A-A2 LATAAARGR\	107	>CDKN2A-A2 LATAADRGR\	181	74
>CDKN2A-A2 WLATAAARG	336	>CDKN2A-A2 WLATAADRG	645	309
>CDKN2A-A2 WLATAAARG	22	>CDKN2A-A2 WLATAADRG	29	7
>CDKN2A-A2 WLATAAARG	8	>CDKN2A-A2 WLATAADRG	12	4

>CDKN2A-A2 WLATAAARG	125	>CDKN2A-A2 WLATAADRG	185	60
>CDKN2A-A2 WLATAAARG	25	>CDKN2A-A2 WLATAADRG	29	4
>CDKN2A-A2 WLATAAARG	244	>CDKN2A-A2 WLATAADRG	273	29
>CDKN2A-A2 WLATAAARG	27	>CDKN2A-A2 WLATAADRG	33	6
>CDKN2A-A2 WLATAAARG	23	>CDKN2A-A2 WLATAADRG	29	6
>CDKN2A-A2 WLATAAARG	3	>CDKN2A-A2 WLATAADRG	3	0
>CDKN2A-A2 WLATAAARG	68	>CDKN2A-A2 WLATAADR	139	71
>CDKN2A-A2 WLATAAARG	37	>CDKN2A-A2 WLATAADRG	72	35
>CDKN2A-A2 WLATAAARG	350	>CDKN2A-A2 WLATAADRG	725	375
>CDKN2A-A2 WLATAAARG	58	>CDKN2A-A2 WLATAADRG	101	43
>CDKN2A-A2 WLATAAARG	328	>CDKN2A-A2 WLATAADR	729	401
>CDKN2A-A2 DWLATAAARG	119	>CDKN2A-A2 DWLATAADR	446	327
>CDKN2A-A2 DWLATAAARG	23	>CDKN2A-A2 DWLATAADR	34	11
>CDKN2A-A2 DWLATAAARG	30	>CDKN2A-A2 DWLATAADR	33	3
>CDKN2A-A2 DWLATAAARG	205	>CDKN2A-A2 DWLATAADR	821	616
>CDKN2A-A2 DWLATAAARG	450	>CDKN2A-A2 DWLATAADR	1472	1022
>CDKN2A-A2 SADWLATAA	83	>CDKN2A-A2 SADWLATAA	164	81
>CDKN2A-A2 SADWLATAA	283	>CDKN2A-A2 SADWLATAA	15668	15385
>CDKN2A-A3 ALLEAGAL	92	>CDKN2A-A3 PLLEAGAL	4913	4821
>CDKN2A-A3 ALLEAGALPN	22	>CDKN2A-A3 PLLEAGALPN	1491	1469
>CDKN2A-A3 ALLEAGAL	67	>CDKN2A-A3 PLLEAGAL	1315	1248
>CDKN2A-A3 ALLEAGALPN	87	>CDKN2A-A3 PLLEAGALPN	2798	2711
>CDKN2A-A3 ALLEAGAL	61	>CDKN2A-A3 PLLEAGAL	3701	3640
>CDKN2A-A3 ALLEAGALPN	26	>CDKN2A-A3 PLLEAGALPN	1816	1790
>CDKN2A-A3 ALLEAGAL	40	>CDKN2A-A3 PLLEAGAL	3648	3608
>CDKN2A-A3 ALLEAGALPN	13	>CDKN2A-A3 PLLEAGALPN	928	915
>CDKN2A-A3 ALLEAGAL	4	>CDKN2A-A3 PLLEAGAL	43	39
>CDKN2A-A3 ALLEAGALPN	5	>CDKN2A-A3 PLLEAGALPN	69	64
>CDKN2A-A3 ALLEAGAL	8	>CDKN2A-A3 PLLEAGAL	422	414
>CDKN2A-A3 ALLEAGALPN	19	>CDKN2A-A3 PLLEAGALPN	779	760
>CDKN2A-A3 ALLEAGAL	16	>CDKN2A-A3 PLLEAGAL	166	150
>CDKN2A-A3 ALLEAGALPN	6	>CDKN2A-A3 PLLEAGALPN	28	22
>CDKN2A-A3 ALLEAGAL	29	>CDKN2A-A3 PLLEAGAL	172	143
>CDKN2A-A3 ALLEAGALPN	15	>CDKN2A-A3 PLLEAGALPN	57	42
>CDKN2A-A3 ALLEAGAL	5	>CDKN2A-A3 PLLEAGAL	108	103
>CDKN2A-A3 ALLEAGALPN	4	>CDKN2A-A3 PLLEAGALPN	44	40
>CDKN2A-A3 RALLEAGAL	1101	>CDKN2A-A3 RPLLEAGAL	14	1087
>CDKN2A-A3 RALLEAGAL	18	>CDKN2A-A3 RPLLEAGAL	13909	13891
>CDKN2A-A3 RALLEAGAL	5239	>CDKN2A-A3 RPLLEAGAL	444	4795
>CDKN2A-A3 AARGRVEEVF	269	>CDKN2A-A3 AARGRVEEVF	4395	4126
>CDKN2A-A3 VRALLEAGAL	145	>CDKN2A-A3 VRPLLEAGAL	785	640
>CDKN2A-A3 VRALLEAGAL	289	>CDKN2A-A3 VRPLLEAGAL	383	94
>CDKN2A-A3 EVRALLEAGA	51	>CDKN2A-A3 EVRPLLEAGA	69	18

>CDKN2A-A3 EVRALLEAGA	293	>CDKN2A-A3 EVRPLLEAGA	1080	787
>CDKN2A-A3 EVRALLEAGA	497	>CDKN2A-A3 EVRPLLEAGA	3810	3313
>CDKN2A-A3 EEVRALLE	108	>CDKN2A-A3 EEVRPLLE	751	643
>CDKN2A-A3 EEVRALLEA	326	>CDKN2A-A3 EEVRPLLEA	1053	727
>CDKN2A-A3 EEVRALLEA	454	>CDKN2A-A3 EEVRPLLEA	1382	928
>CDKN2A-A3 EEVRALLEA	14	>CDKN2A-A3 EEVRPLLEA	21	7
>CDKN2A-A3 EEVRALLEAG	18	>CDKN2A-A3 EEVRPLLEAG	23	5
>CDKN2A-A3 VEEVRALL	176	>CDKN2A-A3 VEEVRPLL	968	792
>CDKN2A-A3 VEEVRALL	143	>CDKN2A-A3 VEEVRPLL	253	110
>CDKN2A-A3 VEEVRALLEA	173	>CDKN2A-A3 VEEVRPLLEA	202	29
>CDKN2A-A3 RVEEVRAL	281	>CDKN2A-A3 RVEEVRPL	351	70
>CDKN2A-A3 RVEEVRAL	165	>CDKN2A-A3 RVEEVRPL	309	144
>CDKN2A-A3 RVEEVRALL	800	>CDKN2A-A3 RVEEVRPLL	480	320
>CDKN2A-A3 GRVEEVRA	383	>CDKN2A-A3 GRVEEVRA	192	191
>CDKN2A-A3 GRVEEVRA	45	>CDKN2A-A3 GRVEEVRA	30	15
>CDKN2A-A3 GRVEEVRA	189	>CDKN2A-A3 GRVEEVRA	396	207
>CDKN2A-A3 GRVEEVRA	338	>CDKN2A-A3 GRVEEVRA	579	241
>CDKN2A-A3 GRVEEVRA	430	>CDKN2A-A3 GRVEEVRA	525	95
>CDKN2A-A3 GRVEEVRA	92	>CDKN2A-A3 GRVEEVRA	132	40
>CDKN2A-A3 GRVEEVRA	186	>CDKN2A-A3 GRVEEVRA	229	43
>CDKN2A-A3 RGRVEEVRA	447	>CDKN2A-A3 RGRVEEVRA	5701	5254
>CDKN2A-A3 RGRVEEVRA	436	>CDKN2A-A3 RGRVEEVRA	163	273
>CDKN2A-A3 RGRVEEVRA	98	>CDKN2A-A3 RGRVEEVRA	68	30
>CDKN2A-A3 RGRVEEVRA	848	>CDKN2A-A3 RGRVEEVRA	412	436
>CDKN2A-A3 ARGRVEEVRA	260	>CDKN2A-A3 ARGRVEEVRA	397	137
>CDKN2A-A3 ALLEAGAL	1936	>CDKN2A-A3 VLLEAGAL	432	1504
>CDKN2A-A3 ALLEAGAL	92	>CDKN2A-A3 VLLEAGAL	118	26
>CDKN2A-A3 ALLEAGALPN	22	>CDKN2A-A3 VLLEAGALPN	26	4
>CDKN2A-A3 ALLEAGAL	67	>CDKN2A-A3 VLLEAGAL	141	74
>CDKN2A-A3 ALLEAGALPN	87	>CDKN2A-A3 VLLEAGALPN	189	102
>CDKN2A-A3 ALLEAGAL	61	>CDKN2A-A3 VLLEAGAL	90	29
>CDKN2A-A3 ALLEAGALPN	26	>CDKN2A-A3 VLLEAGALPN	34	8
>CDKN2A-A3 ALLEAGAL	40	>CDKN2A-A3 VLLEAGAL	51	11
>CDKN2A-A3 ALLEAGALPN	13	>CDKN2A-A3 VLLEAGALPN	15	2
>CDKN2A-A3 ALLEAGAL	4	>CDKN2A-A3 VLLEAGAL	4	0
>CDKN2A-A3 ALLEAGALPN	5	>CDKN2A-A3 VLLEAGALPN	4	1
>CDKN2A-A3 ALLEAGAL	8	>CDKN2A-A3 VLLEAGAL	8	0
>CDKN2A-A3 ALLEAGALPN	19	>CDKN2A-A3 VLLEAGALPN	19	0
>CDKN2A-A3 ALLEAGAL	16	>CDKN2A-A3 VLLEAGAL	17	1
>CDKN2A-A3 ALLEAGALPN	6	>CDKN2A-A3 VLLEAGALPN	6	0
>CDKN2A-A3 ALLEAGAL	29	>CDKN2A-A3 VLLEAGAL	14	15
>CDKN2A-A3 ALLEAGALPN	15	>CDKN2A-A3 VLLEAGALPN	8	7
>CDKN2A-A3 ALLEAGAL	5	>CDKN2A-A3 VLLEAGAL	6	1



>CDKN2A-A3 ALLEAGALPN	4	>CDKN2A-A3 VLLEAGALPN	5	1
>CDKN2A-A3 RALLEAGAL	18	>CDKN2A-A3 RVLLEAGAL	183	165
>CDKN2A-A3 AARGRVEEVF	11439	>CDKN2A-A3 AARGRVEEVF	122	11317
>CDKN2A-A3 AARGRVEEVF	269	>CDKN2A-A3 AARGRVEEVF	470	201
>CDKN2A-A3 VRALLEAGAL	145	>CDKN2A-A3 VRVLEAGAL	78	67
>CDKN2A-A3 VRALLEAGAL	289	>CDKN2A-A3 VRVLEAGAL	180	109
>CDKN2A-A3 EVRALLEAGA	51	>CDKN2A-A3 EVRVLEAGA	118	67
>CDKN2A-A3 EVRALLEAGA	293	>CDKN2A-A3 EVRVLEAGA	1002	709
>CDKN2A-A3 EVRALLEAGA	497	>CDKN2A-A3 EVRVLEAGA	3607	3110
>CDKN2A-A3 EEVRALLE	108	>CDKN2A-A3 EEVRVLE	266	158
>CDKN2A-A3 EEVRALLEA	326	>CDKN2A-A3 EEVRVLEA	397	71
>CDKN2A-A3 EEVRALLEA	454	>CDKN2A-A3 EEVRVLEA	342	112
>CDKN2A-A3 EEVRALLEA	14	>CDKN2A-A3 EEVRVLEA	13	1
>CDKN2A-A3 EEVRALLEAG	18	>CDKN2A-A3 EEVRVLEAG	17	1
>CDKN2A-A3 VEEVRALL	176	>CDKN2A-A3 VEEVRVLL	270	94
>CDKN2A-A3 VEEVRALL	143	>CDKN2A-A3 VEEVRVLL	142	1
>CDKN2A-A3 VEEVRALLEA	173	>CDKN2A-A3 VEEVRVLEA	149	24
>CDKN2A-A3 RVEEVRAL	281	>CDKN2A-A3 RVEEVRVL	517	236
>CDKN2A-A3 RVEEVRALL	1683	>CDKN2A-A3 RVEEVRVLL	286	1397
>CDKN2A-A3 RVEEVRAL	165	>CDKN2A-A3 RVEEVRVL	544	379
>CDKN2A-A3 GRVEEVRAL	383	>CDKN2A-A3 GRVEEVRVL	439	56
>CDKN2A-A3 GRVEEVRALL	45	>CDKN2A-A3 GRVEEVRVLL	48	3
>CDKN2A-A3 GRVEEVRAL	189	>CDKN2A-A3 GRVEEVRVL	259	70
>CDKN2A-A3 GRVEEVRALL	338	>CDKN2A-A3 GRVEEVRVLL	275	63
>CDKN2A-A3 GRVEEVRALL	430	>CDKN2A-A3 GRVEEVRVLL	530	100
>CDKN2A-A3 GRVEEVRAL	92	>CDKN2A-A3 GRVEEVRVL	98	6
>CDKN2A-A3 GRVEEVRALL	186	>CDKN2A-A3 GRVEEVRVLL	197	11
>CDKN2A-A3 RGRVEEVRA	447	>CDKN2A-A3 RGRVEEVRV	781	334
>CDKN2A-A3 RGRVEEVRAL	436	>CDKN2A-A3 RGRVEEVRVL	648	212
>CDKN2A-A3 RGRVEEVRAL	98	>CDKN2A-A3 RGRVEEVRVL	133	35
>CDKN2A-A3 ARGRVEEVR/	260	>CDKN2A-A3 ARGRVEEVR/	303	43
>CDKN2A-A3 AGALPNAPN/	136	>CDKN2A-A3 VGALPNAPN/	83	53
>CDKN2A-A3 EAGALPNA	470	>CDKN2A-A3 EVGALPNA	159	311
>CDKN2A-A3 RVEEVRALLE,	633	>CDKN2A-A3 RVEEVRALLE'	49	584
>CDKN2A-A3 RVEEVRALLE,	6328	>CDKN2A-A3 RVEEVRALLE'	200	6128
>CDKN2A-A3 RVEEVRALLE,	5940	>CDKN2A-A3 RVEEVRALLE'	46	5894
>CDKN2A-A3 LEAGALPN	413	>CDKN2A-A3 LEVGALPN	215	198
>CDKN2A-A3 LEAGALPNA	569	>CDKN2A-A3 LEVGALPNA	283	286
>CDKN2A-A3 LEAGALPNAP	721	>CDKN2A-A3 LEVGALPNAP	390	331
>CDKN2A-A3 LEAGALPNA	621	>CDKN2A-A3 LEVGALPNA	299	322
>CDKN2A-A3 LEAGALPNA	80	>CDKN2A-A3 LEVGALPNA	132	52
>CDKN2A-A3 LEAGALPNA	312	>CDKN2A-A3 LEVGALPNA	230	82
>CDKN2A-A3 LLEAGALPNA	371	>CDKN2A-A3 LLEVGAALPNA	772	401

>CDKN2A-A3 LLEAGALPNA	241	>CDKN2A-A3 LLEVGALPNA	711	470
>CDKN2A-A3 LLEAGALPNA	249	>CDKN2A-A3 LLEVGALPNA	543	294
>CDKN2A-A3 LLEAGALPNA	10	>CDKN2A-A3 LLEVGALPNA	21	11
>CDKN2A-A3 ALLEAGAL	92	>CDKN2A-A3 ALLEVGAL	39	53
>CDKN2A-A3 ALLEAGALPN	22	>CDKN2A-A3 ALLEVGALPN	20	2
>CDKN2A-A3 ALLEAGAL	67	>CDKN2A-A3 ALLEVGAL	52	15
>CDKN2A-A3 ALLEAGALPN	87	>CDKN2A-A3 ALLEVGALPN	79	8
>CDKN2A-A3 ALLEAGAL	61	>CDKN2A-A3 ALLEVGAL	31	30
>CDKN2A-A3 ALLEAGALPN	26	>CDKN2A-A3 ALLEVGALPN	27	1
>CDKN2A-A3 ALLEAGAL	40	>CDKN2A-A3 ALLEVGAL	34	6
>CDKN2A-A3 ALLEAGALPN	13	>CDKN2A-A3 ALLEVGALPN	14	1
>CDKN2A-A3 ALLEAGAL	4	>CDKN2A-A3 ALLEVGAL	2	2
>CDKN2A-A3 ALLEAGALP	1042	>CDKN2A-A3 ALLEVGALP	162	880
>CDKN2A-A3 ALLEAGALPN	761	>CDKN2A-A3 ALLEVGALPN	250	511
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>CDKN2A-A3 ALLEAGALPN	19	>CDKN2A-A3 ALLEVGALPN	18	1
>CDKN2A-A3 ALLEAGAL	16	>CDKN2A-A3 ALLEVGAL	10	6
>CDKN2A-A3 ALLEAGALPN	6	>CDKN2A-A3 ALLEVGALPN	6	0
>CDKN2A-A3 ALLEAGAL	29	>CDKN2A-A3 ALLEVGAL	18	11
>CDKN2A-A3 ALLEAGALPN	15	>CDKN2A-A3 ALLEVGALPN	18	3
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>CDKN2A-A3 ALLEAGALPN	4	>CDKN2A-A3 ALLEVGALPN	4	0
>CDKN2A-A3 RALLEAGAL	18	>CDKN2A-A3 RALLEVGAL	29	11
>CDKN2A-A3 VRALLEAGAL	145	>CDKN2A-A3 VRALLEVGAL	123	22
>CDKN2A-A3 VRALLEAGAL	289	>CDKN2A-A3 VRALLEVGAL	265	24
>CDKN2A-A3 EVRALLEAGA	51	>CDKN2A-A3 EVRALLEVGA	22	29
>CDKN2A-A3 EVRALLEAGA	293	>CDKN2A-A3 EVRALLEVGA	243	50
>CDKN2A-A3 EVRALLEA	1124	>CDKN2A-A3 EVRALLEV	61	1063
>CDKN2A-A3 EVRALLEAGA	497	>CDKN2A-A3 EVRALLEVGA	890	393
>CDKN2A-A3 EVRALLEA	2474	>CDKN2A-A3 EVRALLEV	83	2391
>CDKN2A-A3 EEVRALLEA	2522	>CDKN2A-A3 EEVRALLEV	35	2487
>CDKN2A-A3 EEVRALLEA	326	>CDKN2A-A3 EEVRALLEV	266	60
>CDKN2A-A3 EEVRALLEA	454	>CDKN2A-A3 EEVRALLEV	193	261
>CDKN2A-A3 EEVRALLEA	14	>CDKN2A-A3 EEVRALLEV	53	39
>CDKN2A-A3 EEVRALLEAG	18	>CDKN2A-A3 EEVRALLEVG	16	2
>CDKN2A-A3 EEVRALLEA	4152	>CDKN2A-A3 EEVRALLEV	157	3995
>CDKN2A-A3 VEEVRALLEA	2640	>CDKN2A-A3 VEEVRALLEV	41	2599
>CDKN2A-A3 VEEVRALLEA	173	>CDKN2A-A3 VEEVRALLEV	677	504
>CDKN2A-A3 ALPNAPNSY	976	>CDKN2A-A3 TLPNAPNSY	230	746
>CDKN2A-A3 ALPNAPNSY	181	>CDKN2A-A3 TLPNAPNSY	279	98
>CDKN2A-A3 ALPNAPNSY	3625	>CDKN2A-A3 TLPNAPNSY	324	3301
>CDKN2A-A3 ALPNAPNSY	281	>CDKN2A-A3 TLPNAPNSY	736	455

>CDKN2A-A3 ALPNAPNSY	358	>CDKN2A-A3 TLPNAPNSY	177	181
>CDKN2A-A3 ALPNAPNSY	305	>CDKN2A-A3 TLPNAPNSY	1389	1084
>CDKN2A-A3 ALPNAPNSYC	904	>CDKN2A-A3 TLPNAPNSYC	247	657
>CDKN2A-A3 GALPNAPNS\	951	>CDKN2A-A3 GTLPNAPNSY	321	630
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>CDKN2A-A3 GALPNAPNS\	19	>CDKN2A-A3 GTLPNAPNSY	7	12
>CDKN2A-A3 GALPNAPNS\	513	>CDKN2A-A3 GTLPNAPNSY	28	485
>CDKN2A-A3 EEVRALLEAG	18	>CDKN2A-A3 EEVRALLEAG	103	85
>CDKN2A-A3 AGALPNAPN:	136	>CDKN2A-A3 AGTLPNAPN:	309	173
>CDKN2A-A3 EAGALPNA	470	>CDKN2A-A3 EAGTLPNA	1031	561
>CDKN2A-A3 LEAGALPN	413	>CDKN2A-A3 LEAGTLPN	645	232
>CDKN2A-A3 LEAGALPNA	80	>CDKN2A-A3 LEAGTLPNA	59	21
>CDKN2A-A3 LEAGALPNA	312	>CDKN2A-A3 LEAGTLPNA	555	243
>CDKN2A-A3 LLEAGALPNA	371	>CDKN2A-A3 LLEAGTLPNA	339	32
>CDKN2A-A3 LLEAGALPNA	241	>CDKN2A-A3 LLEAGTLPNA	188	53
>CDKN2A-A3 LLEAGALPNA	249	>CDKN2A-A3 LLEAGTLPNA	153	96
>CDKN2A-A3 LLEAGALPNA	507	>CDKN2A-A3 LLEAGTLPNA	348	159
>CDKN2A-A3 LLEAGALPNA	584	>CDKN2A-A3 LLEAGTLPNA	340	244
>CDKN2A-A3 LLEAGALPNA	575	>CDKN2A-A3 LLEAGTLPNA	415	160
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>CDKN2A-A3 ALLEAGAL	92	>CDKN2A-A3 ALLEAGTL	89	3
>CDKN2A-A3 ALLEAGALPN	22	>CDKN2A-A3 ALLEAGTLPN.	27	5
>CDKN2A-A3 ALLEAGAL	67	>CDKN2A-A3 ALLEAGTL	146	79
>CDKN2A-A3 ALLEAGALPN	87	>CDKN2A-A3 ALLEAGTLPN.	113	26
>CDKN2A-A3 ALLEAGAL	61	>CDKN2A-A3 ALLEAGTL	70	9
>CDKN2A-A3 ALLEAGALPN	26	>CDKN2A-A3 ALLEAGTLPN.	27	1
>CDKN2A-A3 ALLEAGAL	40	>CDKN2A-A3 ALLEAGTL	64	24
>CDKN2A-A3 ALLEAGALPN	13	>CDKN2A-A3 ALLEAGTLPN.	14	1
>CDKN2A-A3 ALLEAGAL	4	>CDKN2A-A3 ALLEAGTL	4	0
>CDKN2A-A3 ALLEAGALPN	5	>CDKN2A-A3 ALLEAGTLPN.	5	0
>CDKN2A-A3 ALLEAGAL	8	>CDKN2A-A3 ALLEAGTL	9	1
>CDKN2A-A3 ALLEAGALPN	19	>CDKN2A-A3 ALLEAGTLPN.	24	5
>CDKN2A-A3 ALLEAGAL	16	>CDKN2A-A3 ALLEAGTL	10	6
>CDKN2A-A3 ALLEAGALPN	6	>CDKN2A-A3 ALLEAGTLPN.	7	1
>CDKN2A-A3 ALLEAGAL	29	>CDKN2A-A3 ALLEAGTL	19	10
>CDKN2A-A3 ALLEAGALPN	15	>CDKN2A-A3 ALLEAGTLPN.	23	8
>CDKN2A-A3 ALLEAGAL	5	>CDKN2A-A3 ALLEAGTL	4	1
>CDKN2A-A3 ALLEAGALPN	4	>CDKN2A-A3 ALLEAGTLPN.	4	0
>CDKN2A-A3 RALLEAGAL	18	>CDKN2A-A3 RALLEAGTL	8	10
>CDKN2A-A3 VRALLEAGAL	145	>CDKN2A-A3 VRALLEAGTL	129	16
>CDKN2A-A3 VRALLEAGAL	289	>CDKN2A-A3 VRALLEAGTL	243	46
>CDKN2A-A3 EVRALLEAGA	51	>CDKN2A-A3 EVRALLEAGT	104	53
>CDKN2A-A3 EVRALLEAGA	293	>CDKN2A-A3 EVRALLEAGT	337	44

>CDKN2A-A3 EVRALLEAGA	497	>CDKN2A-A3 EVRALLEAGT	1689	1192
>CDKN2A-A4 APNSYGRRPI	20	>CDKN2A-A4 SPNSYGRRPI	14	6
>CDKN2A-A4 NAPNSYGR	65	>CDKN2A-A4 NSPNSYGR	78	13
>CDKN2A-A4 NAPNSYGRR	147	>CDKN2A-A4 NSPNSYGRR	192	45
>CDKN2A-A4 NAPNSYGRR1	266	>CDKN2A-A4 NSPNSYGRRF	301	35
>CDKN2A-A4 NAPNSYGRR1	789	>CDKN2A-A4 NSPNSYGRRF	231	558
>CDKN2A-A4 ALLEAGALPN	22	>CDKN2A-A4 ALLEAGALPN	912	890
>CDKN2A-A4 ALLEAGALPN	87	>CDKN2A-A4 ALLEAGALPN	1916	1829
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>CDKN2A-A4 ALLEAGALPN	13	>CDKN2A-A4 ALLEAGALPN	281	268
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>CDKN2A-A4 ALLEAGALPN	19	>CDKN2A-A4 ALLEAGALPN	1151	1132
>CDKN2A-A4 ALLEAGALPN	6	>CDKN2A-A4 ALLEAGALPN	174	168
>CDKN2A-A4 ALLEAGALPN	15	>CDKN2A-A4 ALLEAGALPN	1367	1352
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>CDKN2A-A4 PNAPNSYGR	320	>CDKN2A-A4 PNSPNSYGR	413	93
>CDKN2A-A4 LPNAPNSY	967	>CDKN2A-A4 LPNSPNSY	480	487
>CDKN2A-A4 LPNAPNSYGF	472	>CDKN2A-A4 LPNSPNSYGR	538	66
>CDKN2A-A4 LPNAPNSY	527	>CDKN2A-A4 LPNSPNSY	237	290
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>CDKN2A-A4 LPNAPNSY	51	>CDKN2A-A4 LPNSPNSY	42	9
>CDKN2A-A4 LPNAPNSYG	457	>CDKN2A-A4 LPNSPNSYG	688	231
>CDKN2A-A4 LPNAPNSY	58	>CDKN2A-A4 LPNSPNSY	71	13
>CDKN2A-A4 LPNAPNSY	820	>CDKN2A-A4 LPNSPNSY	404	416
>CDKN2A-A4 ALPNAPNSY	976	>CDKN2A-A4 ALPNSPNSY	456	520
>CDKN2A-A4 ALPNAPNSY	181	>CDKN2A-A4 ALPNSPNSY	193	12
>CDKN2A-A4 ALPNAPNSY	281	>CDKN2A-A4 ALPNSPNSY	264	17
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>CDKN2A-A4 LEAGALPNA	80	>CDKN2A-A4 LEAGALPNS	2620	2540
>CDKN2A-A4 LEAGALPNA	312	>CDKN2A-A4 LEAGALPNS	1760	1448
>CDKN2A-A4 LLEAGALPNA	371	>CDKN2A-A4 LLEAGALPNS	9901	9530
>CDKN2A-A4 LLEAGALPNA	241	>CDKN2A-A4 LLEAGALPNS	6734	6493
>CDKN2A-A4 LLEAGALPNA	249	>CDKN2A-A4 LLEAGALPNS	7738	7489
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>CDKN2A-A4 APNSYGRRPI	20	>CDKN2A-A4 VPNSYGRRPI	26	6
>CDKN2A-A4 NAPNSYGR	65	>CDKN2A-A4 NVPNSYGR	46	19

>CDKN2A-A4 NAPNSYGRR	147	>CDKN2A-A4 NVPNSYGRR	129	18
>CDKN2A-A4 NAPNSYGRR	266	>CDKN2A-A4 NVPNSYGRR	62	204
>CDKN2A-A4 NAPNSYGR	886	>CDKN2A-A4 NVPNSYGR	461	425
>CDKN2A-A4 ALLEAGALPN	22	>CDKN2A-A4 ALLEAGALPN	9	13
>CDKN2A-A4 ALLEAGALPN	87	>CDKN2A-A4 ALLEAGALPN	13	74
>CDKN2A-A4 ALLEAGALPN	26	>CDKN2A-A4 ALLEAGALPN	7	19
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>CDKN2A-A4 ALLEAGALPN	19	>CDKN2A-A4 ALLEAGALPN	3	16
>CDKN2A-A4 ALLEAGALPN	6	>CDKN2A-A4 ALLEAGALPN	3	3
>CDKN2A-A4 ALLEAGALPN	15	>CDKN2A-A4 ALLEAGALPN	2	13
>CDKN2A-A4 ALLEAGALPN	4	>CDKN2A-A4 ALLEAGALPN	2	2
>CDKN2A-A4 ALLEAGALPN	1156	>CDKN2A-A4 ALLEAGALPN	32	1124
>CDKN2A-A4 PNAPNSYGR	320	>CDKN2A-A4 PNVPSYGR	218	102
>CDKN2A-A4 LPNAPNSYGF	472	>CDKN2A-A4 LPNVPSYGF	674	202
>CDKN2A-A4 LPNAPNSY	11	>CDKN2A-A4 LPNVPSY	15	4
>CDKN2A-A4 LPNAPNSY	51	>CDKN2A-A4 LPNVPSY	49	2
>CDKN2A-A4 LPNAPNSYG	457	>CDKN2A-A4 LPNVPSYG	407	50
>CDKN2A-A4 LPNAPNSY	58	>CDKN2A-A4 LPNVPSY	114	56
>CDKN2A-A4 LPNAPNSY	820	>CDKN2A-A4 LPNVPSY	494	326
>CDKN2A-A4 ALPNAPNSY	181	>CDKN2A-A4 ALPNVPNSY	151	30
>CDKN2A-A4 ALPNAPNSY	1138	>CDKN2A-A4 ALPNVPNSY	345	793
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>CDKN2A-A4 ALPNAPNSY	358	>CDKN2A-A4 ALPNVPNSY	741	383
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>CDKN2A-A4 GALPNAPNS\	280	>CDKN2A-A4 GALPNVPNS\	281	1
>CDKN2A-A4 GALPNAPNS\	19	>CDKN2A-A4 GALPNVPNS\	36	17
>CDKN2A-A4 AGALPNAPN:	136	>CDKN2A-A4 AGALPNVPN:	221	85
>CDKN2A-A4 EAGALPNA	3759	>CDKN2A-A4 EAGALPNV	258	3501
>CDKN2A-A4 EAGALPNA	470	>CDKN2A-A4 EAGALPNV	16	454
>CDKN2A-A4 LEAGALPNA	6081	>CDKN2A-A4 LEAGALPNV	103	5978
>CDKN2A-A4 LEAGALPNA	2682	>CDKN2A-A4 LEAGALPNV	374	2308
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>CDKN2A-A4 LEAGALPNA	569	>CDKN2A-A4 LEAGALPNV	223	346
>CDKN2A-A4 LEAGALPNA	2894	>CDKN2A-A4 LEAGALPNV	65	2829
>CDKN2A-A4 LEAGALPNA	621	>CDKN2A-A4 LEAGALPNV	481	140
>CDKN2A-A4 LEAGALPNA	80	>CDKN2A-A4 LEAGALPNV	372	292
>CDKN2A-A4 LEAGALPNA	312	>CDKN2A-A4 LEAGALPNV	17	295
>CDKN2A-A4 LLEAGALPNA	371	>CDKN2A-A4 LLEAGALPNV	35	336
>CDKN2A-A4 LLEAGALPNA	241	>CDKN2A-A4 LLEAGALPNV	44	197
>CDKN2A-A4 LLEAGALPNA	249	>CDKN2A-A4 LLEAGALPNV	43	206
>CDKN2A-A4 LLEAGALPNA	507	>CDKN2A-A4 LLEAGALPNV	101	406
>CDKN2A-A4 LLEAGALPNA	584	>CDKN2A-A4 LLEAGALPNV	10	574

>CDKN2A-A4 LLEAGALPNA	1191	>CDKN2A-A4 LLEAGALPNV	19	1172
>CDKN2A-A4 LLEAGALPNA	575	>CDKN2A-A4 LLEAGALPNV	13	562
>CDKN2A-A4 LLEAGALPNA	2887	>CDKN2A-A4 LLEAGALPNV	30	2857
>CDKN2A-A4 LLEAGALPNA	10	>CDKN2A-A4 LLEAGALPNV	2	8
>CDKN2A-A4 EPAAGSSM	401	>CDKN2A-A4 EPSAGSSM	315	86
>CDKN2A-A4 EPAAGSSM	477	>CDKN2A-A4 EPSAGSSM	1868	1391
>CDKN2A-A4 EPAAGSSM	33	>CDKN2A-A4 EPSAGSSM	60	27
>CDKN2A-A4 EPAAGSSM	13	>CDKN2A-A4 EPSAGSSM	15	2
>CDKN2A-A4 EPAAGSSMEI	216	>CDKN2A-A4 EPSAGSSMEF	290	74
>CDKN2A-A4 EPAAGSSM	265	>CDKN2A-A4 EPSAGSSM	382	117
>CDKN2A-A4 EPAAGSSM	547	>CDKN2A-A4 EPSAGSSM	353	194
>CDKN2A-A4 MEPAAGSSV	367	>CDKN2A-A4 MEPSAGSSM	291	76
>CDKN2A-A4 MEPAAGSSV	488	>CDKN2A-A4 MEPSAGSSM	203	285
>CDKN2A-A4 MEPAAGSSV	382	>CDKN2A-A4 MEPSAGSSM	481	99
>CDKN2A-A4 MEPAAGSSV	469	>CDKN2A-A4 MEPSAGSSM	1456	987
>CDKN2A-A4 MEPAAGSSV	291	>CDKN2A-A4 MEPSAGSSM	251	40
>CDKN2A-A4 EPAAGSSM	401	>CDKN2A-A4 EPTAGSSM	143	258
>CDKN2A-A4 EPAAGSSM	477	>CDKN2A-A4 EPTAGSSM	1950	1473
>CDKN2A-A4 EPAAGSSM	33	>CDKN2A-A4 EPTAGSSM	99	66
>CDKN2A-A4 EPAAGSSM	13	>CDKN2A-A4 EPTAGSSM	18	5
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>CDKN2A-A4 EPAAGSSM	265	>CDKN2A-A4 EPTAGSSM	1491	1226
>CDKN2A-A4 EPAAGSSM	547	>CDKN2A-A4 EPTAGSSM	409	138
>CDKN2A-A4 MEPAAGSSV	700	>CDKN2A-A4 MEPTAGSSM	223	477
>CDKN2A-A4 MEPAAGSSV	367	>CDKN2A-A4 MEPTAGSSM	584	217
>CDKN2A-A4 MEPAAGSSV	488	>CDKN2A-A4 MEPTAGSSM	393	95
>CDKN2A-A4 MEPAAGSSV	382	>CDKN2A-A4 MEPTAGSSM	414	32
>CDKN2A-A4 MEPAAGSSV	469	>CDKN2A-A4 MEPTAGSSM	2063	1594
>CDKN2A-A4 MEPAAGSSV	291	>CDKN2A-A4 MEPTAGSSM	145	146
>CDKN2A-A5 ARVAELLL	180	>CDKN2A-A5 PRVAELLL	3283	3103
>CDKN2A-A5 ARVAELLLL	120	>CDKN2A-A5 PRVAELLLL	2226	2106
>CDKN2A-A5 ARVAELLLLH	215	>CDKN2A-A5 PRVAELLLLH	6318	6103
>CDKN2A-A5 ARVAELLL	222	>CDKN2A-A5 PRVAELLL	5642	5420
>CDKN2A-A5 ARVAELLLL	229	>CDKN2A-A5 PRVAELLLL	5731	5502
>CDKN2A-A5 ARVAELLLL	123	>CDKN2A-A5 PRVAELLLL	864	741
>CDKN2A-A5 ARVAELLLL	23	>CDKN2A-A5 PRVAELLLL	317	294
>CDKN2A-A5 SARVAELL	380	>CDKN2A-A5 SPRVAELL	14412	14032
>CDKN2A-A5 SARVAELLL	39	>CDKN2A-A5 SPRVAELLL	11066	11027
>CDKN2A-A5 SARVAELLLL	38	>CDKN2A-A5 SPRVAELLLL	10597	10559
>CDKN2A-A5 SARVAELL	5501	>CDKN2A-A5 SPRVAELL	46	5455
>CDKN2A-A5 SARVAELLL	3564	>CDKN2A-A5 SPRVAELLL	31	3533
>CDKN2A-A5 SARVAELLLL	21162	>CDKN2A-A5 SPRVAELLLL	59	21103
>CDKN2A-A5 SARVAELL	377	>CDKN2A-A5 SPRVAELL	18431	18054

>CDKN2A-A5 SARVAELL	179	>CDKN2A-A5 SPRVAELL	16174	15995
>CDKN2A-A5 SARVAELLLL	137	>CDKN2A-A5 SPRVAELLLL	15553	15416
>CDKN2A-A5 RPIQVMMM	23	>CDKN2A-A5 RPIQVMMM	2229	2206
>CDKN2A-A5 RPIQVMMM	134	>CDKN2A-A5 RPIQVMMM	2909	2775
>CDKN2A-A5 GSARVAEL	282	>CDKN2A-A5 GSPRVAEL	4023	3741
>CDKN2A-A5 GSARVAELL	237	>CDKN2A-A5 GSPRVAELL	15696	15459
>CDKN2A-A5 GSARVAELLL	255	>CDKN2A-A5 GSPRVAELLL	15720	15465
>CDKN2A-A5 GSARVAELLLL	270	>CDKN2A-A5 GSPRVAELLLL	15732	15462
>CDKN2A-A5 GSARVAEL	9108	>CDKN2A-A5 GSPRVAEL	403	8705
>CDKN2A-A5 GSARVAELL	753	>CDKN2A-A5 GSPRVAELL	7	746
>CDKN2A-A5 GSARVAELLL	720	>CDKN2A-A5 GSPRVAELLL	8	712
>CDKN2A-A5 GSARVAELLLL	264	>CDKN2A-A5 GSPRVAELLLL	4	260
>CDKN2A-A5 GSARVAELL	24	>CDKN2A-A5 GSPRVAELL	551	527
>CDKN2A-A5 GSARVAELLL	452	>CDKN2A-A5 GSPRVAELLL	1305	853
>CDKN2A-A5 GSARVAELLLL	66	>CDKN2A-A5 GSPRVAELLLL	1238	1172
>CDKN2A-A5 MGSARVAEL	66	>CDKN2A-A5 MGSPRVAEL	127	61
>CDKN2A-A5 MGSARVAEL	399	>CDKN2A-A5 MGSPRVAEL	689	290
>CDKN2A-A5 MGSARVAEL	218	>CDKN2A-A5 MGSPRVAEL	712	494
>CDKN2A-A5 MGSARVAEL	753	>CDKN2A-A5 MGSPRVAEL	168	585
>CDKN2A-A5 MMGSARVA	177	>CDKN2A-A5 MMGSPRVA	503	326
>CDKN2A-A5 MMGSARVA	143	>CDKN2A-A5 MMGSPRVA	258	115
>CDKN2A-A5 MMGSARVA	24	>CDKN2A-A5 MMGSPRVA	39	15
>CDKN2A-A5 MMGSARVA	8	>CDKN2A-A5 MMGSPRVA	20	12
>CDKN2A-A5 MMGSARVA	224	>CDKN2A-A5 MMGSPRVA	343	119
>CDKN2A-A5 MMGSARVA	52	>CDKN2A-A5 MMGSPRVA	55	3
>CDKN2A-A5 MMGSARVA	173	>CDKN2A-A5 MMGSPRVA	412	239
>CDKN2A-A5 MMGSARVA	436	>CDKN2A-A5 MMGSPRVA	878	442
>CDKN2A-A5 MMGSARVA	187	>CDKN2A-A5 MMGSPRVA	58	129
>CDKN2A-A5 MMGSARVA	11	>CDKN2A-A5 MMGSPRVA	6	5
>CDKN2A-A5 MMGSARVA	24	>CDKN2A-A5 MMGSPRVA	12	12
>CDKN2A-A5 MMGSARVA	42	>CDKN2A-A5 MMGSPRVA	48	6
>CDKN2A-A5 MMGSARVA	190	>CDKN2A-A5 MMGSPRVA	219	29
>CDKN2A-A5 MMGSARVA	46	>CDKN2A-A5 MMGSPRVA	85	39
>CDKN2A-A5 MMGSARVA	81	>CDKN2A-A5 MMGSPRVA	171	90
>CDKN2A-A5 MMGSARVA	33	>CDKN2A-A5 MMGSPRVA	70	37
>CDKN2A-A5 MMGSARVA	112	>CDKN2A-A5 MMGSPRVA	247	135
>CDKN2A-A5 MMGSARVA	95	>CDKN2A-A5 MMGSPRVA	135	40
>CDKN2A-A5 MMGSARVA	3	>CDKN2A-A5 MMGSPRVA	3	0
>CDKN2A-A5 MMGSARVA	8	>CDKN2A-A5 MMGSPRVA	9	1
>CDKN2A-A5 MMGSARVA	163	>CDKN2A-A5 MMGSPRVA	312	149
>CDKN2A-A5 MMGSARVA	90	>CDKN2A-A5 MMGSPRVA	72	18
>CDKN2A-A5 MMGSARVA	402	>CDKN2A-A5 MMGSPRVA	319	83
>CDKN2A-A5 MMMGSARV	11	>CDKN2A-A5 MMMGSPRV	8	3

>CDKN2A-A5 MMMGSARV	549	>CDKN2A-A5 MMMGSPRV	209	340
>CDKN2A-A5 MMMGSARV	19	>CDKN2A-A5 MMMGSPRV	14	5
>CDKN2A-A5 MMMGSARV	3	>CDKN2A-A5 MMMGSPRV	4	1
>CDKN2A-A5 MMMGSARV	102	>CDKN2A-A5 MMMGSPRV	117	15
>CDKN2A-A5 MMMGSARV	4	>CDKN2A-A5 MMMGSPRV	4	0
>CDKN2A-A5 MMMGSARV	2	>CDKN2A-A5 MMMGSPRV	3	1
>CDKN2A-A5 MMMGSARV	11	>CDKN2A-A5 MMMGSPRV	6	5
>CDKN2A-A5 MMMGSARV	5	>CDKN2A-A5 MMMGSPRV	3	2
>CDKN2A-A5 MMMGSARV	8	>CDKN2A-A5 MMMGSPRV	11	3
>CDKN2A-A5 MMMGSARV	437	>CDKN2A-A5 MMMGSPRV	2472	2035
>CDKN2A-A5 MMMGSARV	27	>CDKN2A-A5 MMMGSPRV	58	31
>CDKN2A-A5 MMMGSARV	2	>CDKN2A-A5 MMMGSPRV	2	0
>CDKN2A-A5 MMMGSARV	29	>CDKN2A-A5 MMMGSPRV	11	18
>CDKN2A-A5 MMMGSARV	3	>CDKN2A-A5 MMMGSPRV	3	0
>CDKN2A-A5 MMMGSARV	3	>CDKN2A-A5 MMMGSPRV	4	1
>CDKN2A-A5 MMMGSARV	281	>CDKN2A-A5 MMMGSPRV	225	56
>CDKN2A-A5 MMMGSARV	9	>CDKN2A-A5 MMMGSPRV	8	1
>CDKN2A-A5 MMMGSARV	8	>CDKN2A-A5 MMMGSPRV	6	2
>CDKN2A-A5 MMMGSARV	35	>CDKN2A-A5 MMMGSPRV	31	4
>CDKN2A-A5 MMMGSARV	2	>CDKN2A-A5 MMMGSPRV	2	0
>CDKN2A-A5 MMMGSARV	91	>CDKN2A-A5 MMMGSPRV	56	35
>CDKN2A-A5 MMMGSARV	4	>CDKN2A-A5 MMMGSPRV	4	0
>CDKN2A-A5 MMMGSARV	2	>CDKN2A-A5 MMMGSPRV	2	0
>CDKN2A-A5 MMMGSARV	21	>CDKN2A-A5 MMMGSPRV	35	14
>CDKN2A-A5 MMMGSARV	3	>CDKN2A-A5 MMMGSPRV	3	0
>CDKN2A-A5 MMMGSARV	179	>CDKN2A-A5 MMMGSPRV	184	5
>CDKN2A-A5 MMMGSARV	29	>CDKN2A-A5 MMMGSPRV	157	128
>CDKN2A-A5 MMMGSARV	235	>CDKN2A-A5 MMMGSPRV	249	14
>CDKN2A-A5 MMMGSARV	51	>CDKN2A-A5 MMMGSPRV	49	2
>CDKN2A-A5 MMMGSARV	188	>CDKN2A-A5 MMMGSPRV	201	13
>CDKN2A-A5 MMMGSARV	301	>CDKN2A-A5 MMMGSPRV	642	341
>CDKN2A-A5 MMMGSARV	191	>CDKN2A-A5 MMMGSPRV	409	218
>CDKN2A-A5 MMMGSARV	84	>CDKN2A-A5 MMMGSPRV	120	36
>CDKN2A-A5 MMMGSARV	237	>CDKN2A-A5 MMMGSPRV	205	32
>CDKN2A-A5 MMMGSARV	342	>CDKN2A-A5 MMMGSPRV	243	99
>CDKN2A-A5 MMMGSARV	31	>CDKN2A-A5 MMMGSPRV	26	5
>CDKN2A-A5 MMMGSARV	55	>CDKN2A-A5 MMMGSPRV	80	25
>CDKN2A-A5 MMMGSARV	465	>CDKN2A-A5 MMMGSPRV	832	367
>CDKN2A-A5 MMMGSARV	18	>CDKN2A-A5 MMMGSPRV	24	6
>CDKN2A-A5 MMMGSARV	185	>CDKN2A-A5 MMMGSPRV	191	6
>CDKN2A-A5 VMMMGSAR	182	>CDKN2A-A5 VMMMGSAR	201	19
>CDKN2A-A5 VMMMGSAR	11	>CDKN2A-A5 VMMMGSAR	9	2
>CDKN2A-A5 VMMMGSAR	1340	>CDKN2A-A5 VMMMGSAR	411	929



>CDKN2A-A5 VMMMGSAR	9	>CDKN2A-A5 VMMMGSAR	27	18
>CDKN2A-A5 VMMMGSAR	425	>CDKN2A-A5 VMMMGSAR	285	140
>CDKN2A-A5 VMMMGSAR	3	>CDKN2A-A5 VMMMGSAR	4	1
>CDKN2A-A5 VMMMGSAR	226	>CDKN2A-A5 VMMMGSAR	74	152
>CDKN2A-A5 VMMMGSAR	19	>CDKN2A-A5 VMMMGSAR	10	9
>CDKN2A-A5 VMMMGSAR	2	>CDKN2A-A5 VMMMGSAR	2	0
>CDKN2A-A5 VMMMGSAR	55	>CDKN2A-A5 VMMMGSAR	30	25
>CDKN2A-A5 VMMMGSAR	3	>CDKN2A-A5 VMMMGSAR	5	2
>CDKN2A-A5 VMMMGSAR	239	>CDKN2A-A5 VMMMGSAR	271	32
>CDKN2A-A5 VMMMGSAR	7	>CDKN2A-A5 VMMMGSAR	5	2
>CDKN2A-A5 VMMMGSAR	625	>CDKN2A-A5 VMMMGSAR	353	272
>CDKN2A-A5 VMMMGSAR	2	>CDKN2A-A5 VMMMGSAR	2	0
>CDKN2A-A5 VMMMGSAR	95	>CDKN2A-A5 VMMMGSAR	81	14
>CDKN2A-A5 VMMMGSAR	2	>CDKN2A-A5 VMMMGSAR	2	0
>CDKN2A-A5 VMMMGSAR	54	>CDKN2A-A5 VMMMGSAR	66	12
>CDKN2A-A5 VMMMGSAR	212	>CDKN2A-A5 VMMMGSAR	187	25
>CDKN2A-A5 VMMMGSAR	168	>CDKN2A-A5 VMMMGSAR	65	103
>CDKN2A-A5 VMMMGSAR	20	>CDKN2A-A5 VMMMGSAR	18	2
>CDKN2A-A5 VMMMGSAR	120	>CDKN2A-A5 VMMMGSAR	113	7
>CDKN2A-A5 VMMMGSAR	462	>CDKN2A-A5 VMMMGSAR	531	69
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>CDKN2A-A5 VMMMGSAR	183	>CDKN2A-A5 VMMMGSAR	335	152
>CDKN2A-A5 VMMMGSAR	146	>CDKN2A-A5 VMMMGSAR	155	9
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>CDKN2A-A5 QVMMMGSF	419	>CDKN2A-A5 QVMMMGSF	905	486
>CDKN2A-A5 QVMMMGSF	298	>CDKN2A-A5 QVMMMGSF	14842	14544
>CDKN2A-A5 QVMMMGSF	61	>CDKN2A-A5 QVMMMGSF	186	125
>CDKN2A-A5 QVMMMGSF	313	>CDKN2A-A5 QVMMMGSF	164	149
>CDKN2A-A5 QVMMMGSF	248	>CDKN2A-A5 QVMMMGSF	220	28
>CDKN2A-A5 QVMMMGSF	41	>CDKN2A-A5 QVMMMGSF	39	2
>CDKN2A-A5 QVMMMGSF	114	>CDKN2A-A5 QVMMMGSF	49	65
>CDKN2A-A5 QVMMMGSF	55	>CDKN2A-A5 QVMMMGSF	32	23
>CDKN2A-A5 QVMMMGSF	218	>CDKN2A-A5 QVMMMGSF	149	69
>CDKN2A-A5 QVMMMGSF	20	>CDKN2A-A5 QVMMMGSF	23	3
>CDKN2A-A5 QVMMMGSF	167	>CDKN2A-A5 QVMMMGSF	14409	14242
>CDKN2A-A5 QVMMMGSF	215	>CDKN2A-A5 QVMMMGSF	945	730
>CDKN2A-A5 QVMMMGSF	78	>CDKN2A-A5 QVMMMGSF	44	34
>CDKN2A-A5 IQVMMMGS	167	>CDKN2A-A5 IQVMMMGS	12422	12255
>CDKN2A-A5 IQVMMMGS	42	>CDKN2A-A5 IQVMMMGS	137	95
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>CDKN2A-A5 IQVMMMGS	16	>CDKN2A-A5 IQVMMMGS	13	3
>CDKN2A-A5 IQVMMMGS	120	>CDKN2A-A5 IQVMMMGS	97	23

>CDKN2A-A5 IQVMMMGS	240	>CDKN2A-A5 IQVMMMGS	133	107
>CDKN2A-A5 IQVMMMGS	117	>CDKN2A-A5 IQVMMMGS	82	35
>CDKN2A-A5 IQVMMMGS	187	>CDKN2A-A5 IQVMMMGS	200	13
>CDKN2A-A5 ARVAELL	180	>CDKN2A-A5 VRVAELL	549	369
>CDKN2A-A5 ARVAELLLL	120	>CDKN2A-A5 VRVAELLLL	354	234
>CDKN2A-A5 ARVAELLLLH	215	>CDKN2A-A5 VRVAELLLLH	527	312
>CDKN2A-A5 ARVAELL	222	>CDKN2A-A5 VRVAELL	689	467
>CDKN2A-A5 ARVAELLLL	229	>CDKN2A-A5 VRVAELLLL	717	488
>CDKN2A-A5 ARVAELLLL	123	>CDKN2A-A5 VRVAELLLL	459	336
>CDKN2A-A5 ARVAELLLL	23	>CDKN2A-A5 VRVAELLLL	74	51
>CDKN2A-A5 SARVAELL	380	>CDKN2A-A5 SVRVAELL	113	267
>CDKN2A-A5 SARVAELL	39	>CDKN2A-A5 SVRVAELL	15	24
>CDKN2A-A5 SARVAELLLL	38	>CDKN2A-A5 SVRVAELLLL	15	23
>CDKN2A-A5 SARVAELLLLH	558	>CDKN2A-A5 SVRVAELLLLH	155	403
>CDKN2A-A5 SARVAELL	377	>CDKN2A-A5 SVRVAELL	3249	2872
>CDKN2A-A5 SARVAELL	179	>CDKN2A-A5 SVRVAELL	2247	2068
>CDKN2A-A5 SARVAELLLL	137	>CDKN2A-A5 SVRVAELLLL	1637	1500
>CDKN2A-A5 RPIQVMMM	23	>CDKN2A-A5 RPIQVMMM	13	10
>CDKN2A-A5 RPIQVMMM	134	>CDKN2A-A5 RPIQVMMM	766	632
>CDKN2A-A5 GSARVAEL	282	>CDKN2A-A5 GSVRVAEL	104	178
>CDKN2A-A5 GSARVAELL	1361	>CDKN2A-A5 GSVRVAELL	445	916
>CDKN2A-A5 GSARVAELLLL	950	>CDKN2A-A5 GSVRVAELLLL	338	612
>CDKN2A-A5 GSARVAELL	237	>CDKN2A-A5 GSVRVAELL	537	300
>CDKN2A-A5 GSARVAELL	255	>CDKN2A-A5 GSVRVAELL	527	272
>CDKN2A-A5 GSARVAELLLL	270	>CDKN2A-A5 GSVRVAELLLL	551	281
>CDKN2A-A5 GSARVAELLLL	264	>CDKN2A-A5 GSVRVAELLLL	769	505
>CDKN2A-A5 GSARVAELL	24	>CDKN2A-A5 GSVRVAELL	30	6
>CDKN2A-A5 GSARVAELL	452	>CDKN2A-A5 GSVRVAELL	1353	901
>CDKN2A-A5 GSARVAELLLL	66	>CDKN2A-A5 GSVRVAELLLL	79	13
>CDKN2A-A5 MGSARVAEL	66	>CDKN2A-A5 MGSVRVAEL	352	286
>CDKN2A-A5 MGSARVAEL	399	>CDKN2A-A5 MGSVRVAEL	1324	925
>CDKN2A-A5 MGSARVAEL	218	>CDKN2A-A5 MGSVRVAEL	219	1
>CDKN2A-A5 MMGSARVAI	177	>CDKN2A-A5 MMGSVRVAI	197	20
>CDKN2A-A5 MMGSARVAI	143	>CDKN2A-A5 MMGSVRVAI	103	40
>CDKN2A-A5 MMGSARVA	831	>CDKN2A-A5 MMGSVRVA	364	467
>CDKN2A-A5 MMGSARVAI	24	>CDKN2A-A5 MMGSVRVAI	28	4
>CDKN2A-A5 MMGSARVAI	8	>CDKN2A-A5 MMGSVRVAI	8	0
>CDKN2A-A5 MMGSARVA	224	>CDKN2A-A5 MMGSVRVA	84	140
>CDKN2A-A5 MMGSARVAI	52	>CDKN2A-A5 MMGSVRVAI	53	1
>CDKN2A-A5 MMGSARVAI	173	>CDKN2A-A5 MMGSVRVAI	166	7
>CDKN2A-A5 MMGSARVAI	436	>CDKN2A-A5 MMGSVRVAI	450	14
>CDKN2A-A5 MMGSARVA	187	>CDKN2A-A5 MMGSVRVA	32	155
>CDKN2A-A5 MMGSARVAI	11	>CDKN2A-A5 MMGSVRVAI	6	5

>CDKN2A-A5 MMGSARVAI	24	>CDKN2A-A5 MMGSVRVAI	9	15
>CDKN2A-A5 MMGSARVAI	42	>CDKN2A-A5 MMGSVRVAI	40	2
>CDKN2A-A5 MMGSARVAI	190	>CDKN2A-A5 MMGSVRVAI	151	39
>CDKN2A-A5 MMGSARVA	1208	>CDKN2A-A5 MMGSVRVA	396	812
>CDKN2A-A5 MMGSARVAI	46	>CDKN2A-A5 MMGSVRVAI	32	14
>CDKN2A-A5 MMGSARVAI	81	>CDKN2A-A5 MMGSVRVAI	46	35
>CDKN2A-A5 MMGSARVAI	33	>CDKN2A-A5 MMGSVRVAI	51	18
>CDKN2A-A5 MMGSARVAI	112	>CDKN2A-A5 MMGSVRVAI	155	43
>CDKN2A-A5 MMGSARVA	95	>CDKN2A-A5 MMGSVRVA	64	31
>CDKN2A-A5 MMGSARVAI	3	>CDKN2A-A5 MMGSVRVAI	4	1
>CDKN2A-A5 MMGSARVAI	8	>CDKN2A-A5 MMGSVRVAI	8	0
>CDKN2A-A5 MMGSARVAI	163	>CDKN2A-A5 MMGSVRVAI	283	120
>CDKN2A-A5 MMGSARVAI	90	>CDKN2A-A5 MMGSVRVAI	157	67
>CDKN2A-A5 MMGSARVAI	402	>CDKN2A-A5 MMGSVRVAI	632	230
>CDKN2A-A5 MMMGSARV	587	>CDKN2A-A5 MMMGSVRV	438	149
>CDKN2A-A5 MMMGSARV	11	>CDKN2A-A5 MMMGSVRV	8	3
>CDKN2A-A5 MMMGSARV	549	>CDKN2A-A5 MMMGSVRV	73	476
>CDKN2A-A5 MMMGSARV	19	>CDKN2A-A5 MMMGSVRV	11	8
>CDKN2A-A5 MMMGSARV	3	>CDKN2A-A5 MMMGSVRV	3	0
>CDKN2A-A5 MMMGSARV	102	>CDKN2A-A5 MMMGSVRV	25	77
>CDKN2A-A5 MMMGSARV	4	>CDKN2A-A5 MMMGSVRV	3	1
>CDKN2A-A5 MMMGSARV	2	>CDKN2A-A5 MMMGSVRV	2	0
>CDKN2A-A5 MMMGSARV	11	>CDKN2A-A5 MMMGSVRV	4	7
>CDKN2A-A5 MMMGSARV	5	>CDKN2A-A5 MMMGSVRV	3	2
>CDKN2A-A5 MMMGSARV	8	>CDKN2A-A5 MMMGSVRV	6	2
>CDKN2A-A5 MMMGSARV	437	>CDKN2A-A5 MMMGSVRV	173	264
>CDKN2A-A5 MMMGSARV	27	>CDKN2A-A5 MMMGSVRV	24	3
>CDKN2A-A5 MMMGSARV	2	>CDKN2A-A5 MMMGSVRV	1	1
>CDKN2A-A5 MMMGSARV	29	>CDKN2A-A5 MMMGSVRV	8	21
>CDKN2A-A5 MMMGSARV	3	>CDKN2A-A5 MMMGSVRV	2	1
>CDKN2A-A5 MMMGSARV	3	>CDKN2A-A5 MMMGSVRV	3	0
>CDKN2A-A5 MMMGSARV	281	>CDKN2A-A5 MMMGSVRV	96	185
>CDKN2A-A5 MMMGSARV	9	>CDKN2A-A5 MMMGSVRV	7	2
>CDKN2A-A5 MMMGSARV	8	>CDKN2A-A5 MMMGSVRV	6	2
>CDKN2A-A5 MMMGSARV	1302	>CDKN2A-A5 MMMGSVRV	390	912
>CDKN2A-A5 MMMGSARV	35	>CDKN2A-A5 MMMGSVRV	24	11
>CDKN2A-A5 MMMGSARV	2	>CDKN2A-A5 MMMGSVRV	2	0
>CDKN2A-A5 MMMGSARV	91	>CDKN2A-A5 MMMGSVRV	19	72
>CDKN2A-A5 MMMGSARV	4	>CDKN2A-A5 MMMGSVRV	3	1
>CDKN2A-A5 MMMGSARV	2	>CDKN2A-A5 MMMGSVRV	2	0
>CDKN2A-A5 MMMGSARV	21	>CDKN2A-A5 MMMGSVRV	9	12
>CDKN2A-A5 MMMGSARV	3	>CDKN2A-A5 MMMGSVRV	2	1
>CDKN2A-A5 MMMGSARV	179	>CDKN2A-A5 MMMGSVRV	191	12

>CDKN2A-A5 MMMGSARV	29	>CDKN2A-A5 MMMGSVRV	27	2
>CDKN2A-A5 MMMGSARV	235	>CDKN2A-A5 MMMGSVRV	227	8
>CDKN2A-A5 MMMGSARV	51	>CDKN2A-A5 MMMGSVRV	82	31
>CDKN2A-A5 MMMGSARV	188	>CDKN2A-A5 MMMGSVRV	142	46
>CDKN2A-A5 MMMGSARV	301	>CDKN2A-A5 MMMGSVRV	262	39
>CDKN2A-A5 MMMGSARV	191	>CDKN2A-A5 MMMGSVRV	112	79
>CDKN2A-A5 MMMGSARV	84	>CDKN2A-A5 MMMGSVRV	71	13
>CDKN2A-A5 MMMGSARV	237	>CDKN2A-A5 MMMGSVRV	113	124
>CDKN2A-A5 MMMGSARV	342	>CDKN2A-A5 MMMGSVRV	167	175
>CDKN2A-A5 MMMGSARV	31	>CDKN2A-A5 MMMGSVRV	25	6
>CDKN2A-A5 MMMGSARV	55	>CDKN2A-A5 MMMGSVRV	78	23
>CDKN2A-A5 MMMGSARV	465	>CDKN2A-A5 MMMGSVRV	541	76
>CDKN2A-A5 MMMGSARV	18	>CDKN2A-A5 MMMGSVRV	27	9
>CDKN2A-A5 MMMGSARV	185	>CDKN2A-A5 MMMGSVRV	244	59
>CDKN2A-A5 VMMMGSAR	182	>CDKN2A-A5 VMMMGSVR	279	97
>CDKN2A-A5 VMMMGSAR	11	>CDKN2A-A5 VMMMGSVR	11	0
>CDKN2A-A5 VMMMGSAR	9	>CDKN2A-A5 VMMMGSVR	11	2
>CDKN2A-A5 VMMMGSAR	425	>CDKN2A-A5 VMMMGSVR	325	100
>CDKN2A-A5 VMMMGSAR	3	>CDKN2A-A5 VMMMGSVR	5	2
>CDKN2A-A5 VMMMGSAR	226	>CDKN2A-A5 VMMMGSVR	109	117
>CDKN2A-A5 VMMMGSAR	19	>CDKN2A-A5 VMMMGSVR	21	2
>CDKN2A-A5 VMMMGSAR	2	>CDKN2A-A5 VMMMGSVR	2	0
>CDKN2A-A5 VMMMGSAR	55	>CDKN2A-A5 VMMMGSVR	25	30
>CDKN2A-A5 VMMMGSAR	3	>CDKN2A-A5 VMMMGSVR	4	1
>CDKN2A-A5 VMMMGSAR	239	>CDKN2A-A5 VMMMGSVR	171	68
>CDKN2A-A5 VMMMGSAR	7	>CDKN2A-A5 VMMMGSVR	6	1
>CDKN2A-A5 VMMMGSAR	625	>CDKN2A-A5 VMMMGSVR	272	353
>CDKN2A-A5 VMMMGSAR	2	>CDKN2A-A5 VMMMGSVR	2	0
>CDKN2A-A5 VMMMGSAR	95	>CDKN2A-A5 VMMMGSVR	55	40
>CDKN2A-A5 VMMMGSAR	2	>CDKN2A-A5 VMMMGSVR	2	0
>CDKN2A-A5 VMMMGSAR	54	>CDKN2A-A5 VMMMGSVR	34	20
>CDKN2A-A5 VMMMGSAR	212	>CDKN2A-A5 VMMMGSVR	289	77
>CDKN2A-A5 VMMMGSAR	168	>CDKN2A-A5 VMMMGSVR	235	67
>CDKN2A-A5 VMMMGSAR	20	>CDKN2A-A5 VMMMGSVR	31	11
>CDKN2A-A5 VMMMGSAR	120	>CDKN2A-A5 VMMMGSVR	272	152
>CDKN2A-A5 VMMMGSAR	462	>CDKN2A-A5 VMMMGSVR	502	40
>CDKN2A-A5 VMMMGSAR	175	>CDKN2A-A5 VMMMGSVR	267	92
>CDKN2A-A5 VMMMGSAR	183	>CDKN2A-A5 VMMMGSVR	142	41
>CDKN2A-A5 VMMMGSAR	146	>CDKN2A-A5 VMMMGSVR	192	46
>CDKN2A-A5 VMMMGSAR	420	>CDKN2A-A5 VMMMGSVR	178	242
>CDKN2A-A5 VMMMGSAR	721	>CDKN2A-A5 VMMMGSVR	376	345
>CDKN2A-A5 QVMMMGSAR	3290	>CDKN2A-A5 QVMMMGSVR	489	2801
>CDKN2A-A5 QVMMMGSAR	419	>CDKN2A-A5 QVMMMGSVR	631	212

>CDKN2A-A5 QVMMMGS/	298	>CDKN2A-A5 QVMMMGS\	59	239
>CDKN2A-A5 QVMMMGS/	61	>CDKN2A-A5 QVMMMGS\	144	83
>CDKN2A-A5 QVMMMGS/	720	>CDKN2A-A5 QVMMMGS\	61	659
>CDKN2A-A5 QVMMMGS/	313	>CDKN2A-A5 QVMMMGS\	280	33
>CDKN2A-A5 QVMMMGS/	248	>CDKN2A-A5 QVMMMGS\	476	228
>CDKN2A-A5 QVMMMGS/	13930	>CDKN2A-A5 QVMMMGS\	248	13682
>CDKN2A-A5 QVMMMGS/	41	>CDKN2A-A5 QVMMMGS\	53	12
>CDKN2A-A5 QVMMMGS/	114	>CDKN2A-A5 QVMMMGS\	167	53
>CDKN2A-A5 QVMMMGS/	55	>CDKN2A-A5 QVMMMGS\	103	48
>CDKN2A-A5 QVMMMGS/	218	>CDKN2A-A5 QVMMMGS\	610	392
>CDKN2A-A5 QVMMMGS/	20	>CDKN2A-A5 QVMMMGS\	30	10
>CDKN2A-A5 QVMMMGS/	167	>CDKN2A-A5 QVMMMGS\	19	148
>CDKN2A-A5 QVMMMGS/	215	>CDKN2A-A5 QVMMMGS\	428	213
>CDKN2A-A5 QVMMMGS/	1837	>CDKN2A-A5 QVMMMGS\	78	1759
>CDKN2A-A5 QVMMMGS/	78	>CDKN2A-A5 QVMMMGS\	148	70
>CDKN2A-A5 IQVMMMGS.	167	>CDKN2A-A5 IQVMMMGS'	30	137
>CDKN2A-A5 IQVMMMGS.	42	>CDKN2A-A5 IQVMMMGS'	126	84
>CDKN2A-A5 IQVMMMGS.	87	>CDKN2A-A5 IQVMMMGS'	14	73
>CDKN2A-A5 IQVMMMGS.	16	>CDKN2A-A5 IQVMMMGS'	20	4
>CDKN2A-A5 IQVMMMGS.	120	>CDKN2A-A5 IQVMMMGS'	264	144
>CDKN2A-A5 IQVMMMGS.	240	>CDKN2A-A5 IQVMMMGS'	715	475
>CDKN2A-A5 IQVMMMGS.	117	>CDKN2A-A5 IQVMMMGS'	243	126
>CDKN2A-A5 IQVMMMGS.	187	>CDKN2A-A5 IQVMMMGS'	343	156
>CDKN2A-A5 IQVMMMGS.	508	>CDKN2A-A5 IQVMMMGS'	293	215
>CDKN2A-A5 AGSSMEPSAI	465	>CDKN2A-A5 TGSSMEPSAI	1895	1430
>CDKN2A-A5 EPAAGSSM	401	>CDKN2A-A5 EPATGSSM	1448	1047
>CDKN2A-A5 EPAAGSSM	477	>CDKN2A-A5 EPATGSSM	767	290
>CDKN2A-A5 EPAAGSSM	33	>CDKN2A-A5 EPATGSSM	31	2
>CDKN2A-A5 EPAAGSSM	13	>CDKN2A-A5 EPATGSSM	16	3
>CDKN2A-A5 EPAAGSSMEI	216	>CDKN2A-A5 EPATGSSMEF	273	57
>CDKN2A-A5 EPAAGSSM	265	>CDKN2A-A5 EPATGSSM	395	130
>CDKN2A-A5 EPAAGSSM	547	>CDKN2A-A5 EPATGSSM	403	144
>CDKN2A-A5 MEPAAGSSM	367	>CDKN2A-A5 MEPATGSSM	13969	13602
>CDKN2A-A5 MEPAAGSSM	488	>CDKN2A-A5 MEPATGSSM	190	298
>CDKN2A-A5 MEPAAGSSM	382	>CDKN2A-A5 MEPATGSSM	697	315
>CDKN2A-A5 MEPAAGSSM	469	>CDKN2A-A5 MEPATGSSM	625	156
>CDKN2A-A5 MEPAAGSSM	291	>CDKN2A-A5 MEPATGSSM	519	228
>CDKN2A-A6 AELLLLHGA	964	>CDKN2A-A6 EELLLLHGA	264	700
>CDKN2A-A6 AELLLLHGA	1922	>CDKN2A-A6 EELLLLHGA	370	1552
>CDKN2A-A6 AELLLLHGA	35	>CDKN2A-A6 EELLLLHGA	292	257
>CDKN2A-A6 AELLLLHGA	440	>CDKN2A-A6 EELLLLHGA	830	390
>CDKN2A-A6 AELLLLHGA	7	>CDKN2A-A6 EELLLLHGA	11	4
>CDKN2A-A6 AELLLLHGAE	313	>CDKN2A-A6 EELLLLHGAE	1073	760

>CDKN2A-A6 AELLLLHGA	32	>CDKN2A-A6 EELLLLHGA	1650	1618
>CDKN2A-A6 VAELLLLHGA	19065	>CDKN2A-A6 VEELLLLHGA	121	18944
>CDKN2A-A6 RVAELLLL	83	>CDKN2A-A6 RVEELLLL	2129	2046
>CDKN2A-A6 RVAELLLLHG,	171	>CDKN2A-A6 RVEELLLLHG/	4037	3866
>CDKN2A-A6 RVAELLLL	33	>CDKN2A-A6 RVEELLLL	1177	1144
>CDKN2A-A6 RVAELLLLHG,	79	>CDKN2A-A6 RVEELLLLHG/	2417	2338
>CDKN2A-A6 RVAELLLL	70	>CDKN2A-A6 RVEELLLL	2682	2612
>CDKN2A-A6 RVAELLLLHG,	23	>CDKN2A-A6 RVEELLLLHG/	1189	1166
>CDKN2A-A6 RVAELLLL	14	>CDKN2A-A6 RVEELLLL	139	125
>CDKN2A-A6 RVAELLLLHG,	12	>CDKN2A-A6 RVEELLLLHG/	90	78
>CDKN2A-A6 RVAELLLL	392	>CDKN2A-A6 RVEELLLL	3288	2896
>CDKN2A-A6 RVAELLLLHG,	305	>CDKN2A-A6 RVEELLLLHG/	2722	2417
>CDKN2A-A6 RVAELLLL	393	>CDKN2A-A6 RVEELLLL	1970	1577
>CDKN2A-A6 RVAELLLLHG,	459	>CDKN2A-A6 RVEELLLLHG/	2545	2086
>CDKN2A-A6 RVAELLLLH	226	>CDKN2A-A6 RVEELLLLH	3366	3140
>CDKN2A-A6 RVAELLLLH	230	>CDKN2A-A6 RVEELLLLH	2115	1885
>CDKN2A-A6 RVAELLLL	424	>CDKN2A-A6 RVEELLLL	1080	656
>CDKN2A-A6 RVAELLLLHG,	370	>CDKN2A-A6 RVEELLLLHG/	12502	12132
>CDKN2A-A6 RVAELLLLHG,	428	>CDKN2A-A6 RVEELLLLHG/	4736	4308
>CDKN2A-A6 RVAELLLLH	65	>CDKN2A-A6 RVEELLLLH	514	449
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>CDKN2A-A6 RVAELLLL	268	>CDKN2A-A6 RVEELLLL	13456	13188
>CDKN2A-A6 RVAELLLL	364	>CDKN2A-A6 RVEELLLL	721	357
>CDKN2A-A6 ARVAELL	180	>CDKN2A-A6 ARVEELL	260	80
>CDKN2A-A6 ARVAELL	120	>CDKN2A-A6 ARVEELL	134	14
>CDKN2A-A6 ARVAELLH	215	>CDKN2A-A6 ARVEELLH	271	56
>CDKN2A-A6 ARVAELL	222	>CDKN2A-A6 ARVEELL	314	92
>CDKN2A-A6 ARVAELL	229	>CDKN2A-A6 ARVEELL	309	80
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>CDKN2A-A6 SARVAELL	380	>CDKN2A-A6 SARVEELL	2059	1679
>CDKN2A-A6 SARVAELL	39	>CDKN2A-A6 SARVEELL	451	412
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>CDKN2A-A6 SARVAELL	377	>CDKN2A-A6 SARVEELL	1402	1025
>CDKN2A-A6 SARVAELL	179	>CDKN2A-A6 SARVEELL	431	252
>CDKN2A-A6 SARVAELL	137	>CDKN2A-A6 SARVEELL	242	105
>CDKN2A-A6 GSARVAEL	282	>CDKN2A-A6 GSARVEEL	2028	1746
>CDKN2A-A6 GSARVAELL	237	>CDKN2A-A6 GSARVEELL	324	87
>CDKN2A-A6 GSARVAELL	255	>CDKN2A-A6 GSARVEELL	398	143
>CDKN2A-A6 GSARVAELL	270	>CDKN2A-A6 GSARVEELL	379	109
>CDKN2A-A6 GSARVAELL	264	>CDKN2A-A6 GSARVEELL	904	640
>CDKN2A-A6 GSARVAELL	24	>CDKN2A-A6 GSARVEELL	90	66
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>CDKN2A-A6 GSARVAELLLI	66	>CDKN2A-A6 GSARVEELLLI	144	78
>CDKN2A-A6 MGSARVAEL	66	>CDKN2A-A6 MGSARVEEL	79	13
>CDKN2A-A6 MGSARVAELI	399	>CDKN2A-A6 MGSARVEELI	460	61
>CDKN2A-A6 MGSARVAEL	218	>CDKN2A-A6 MGSARVEEL	1063	845
>CDKN2A-A6 MMGSARVAI	177	>CDKN2A-A6 MMGSARVEE	250	73
>CDKN2A-A6 MMGSARVAI	143	>CDKN2A-A6 MMGSARVEE	132	11
>CDKN2A-A6 MMGSARVAI	24	>CDKN2A-A6 MMGSARVEE	24	0
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>CDKN2A-A6 MMGSARVA	224	>CDKN2A-A6 MMGSARVE	21546	21322
>CDKN2A-A6 MMGSARVAI	52	>CDKN2A-A6 MMGSARVEE	123	71
>CDKN2A-A6 MMGSARVAI	173	>CDKN2A-A6 MMGSARVEE	437	264
>CDKN2A-A6 MMGSARVAI	436	>CDKN2A-A6 MMGSARVEE	1008	572
>CDKN2A-A6 MMGSARVA	187	>CDKN2A-A6 MMGSARVE	17557	17370
>CDKN2A-A6 MMGSARVAI	11	>CDKN2A-A6 MMGSARVEE	12	1
>CDKN2A-A6 MMGSARVAI	24	>CDKN2A-A6 MMGSARVEE	29	5
>CDKN2A-A6 MMGSARVAI	42	>CDKN2A-A6 MMGSARVEE	89	47
>CDKN2A-A6 MMGSARVAI	190	>CDKN2A-A6 MMGSARVEE	313	123
>CDKN2A-A6 MMGSARVAI	46	>CDKN2A-A6 MMGSARVEE	40	6
>CDKN2A-A6 MMGSARVAI	81	>CDKN2A-A6 MMGSARVEE	67	14
>CDKN2A-A6 MMGSARVAI	33	>CDKN2A-A6 MMGSARVEE	44	11
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>CDKN2A-A6 MMGSARVA	95	>CDKN2A-A6 MMGSARVE	18467	18372
>CDKN2A-A6 MMGSARVAI	3	>CDKN2A-A6 MMGSARVEE	4	1
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>CDKN2A-A6 MMGSARVAI	163	>CDKN2A-A6 MMGSARVEE	303	140
>CDKN2A-A6 MMGSARVAI	90	>CDKN2A-A6 MMGSARVEE	140	50
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>CDKN2A-A6 MMMGSARV	102	>CDKN2A-A6 MMMGSARV	8544	8442
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>CDKN2A-A6 MMMGSARV	437	>CDKN2A-A6 MMMGSARV	21403	20966
>CDKN2A-A6 MMMGSARV	27	>CDKN2A-A6 MMMGSARV	26	1
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>CDKN2A-A6 MMMGSARV	281	>CDKN2A-A6 MMMGSARV	18568	18287
>CDKN2A-A6 MMMGSARV	9	>CDKN2A-A6 MMMGSARV	11	2
>CDKN2A-A6 MMMGSARV	35	>CDKN2A-A6 MMMGSARV	42	7
>CDKN2A-A6 MMMGSARV	91	>CDKN2A-A6 MMMGSARV	17155	17064
>CDKN2A-A6 MMMGSARV	4	>CDKN2A-A6 MMMGSARV	5	1
>CDKN2A-A6 MMMGSARV	21	>CDKN2A-A6 MMMGSARV	14317	14296
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>CDKN2A-A6 MMMGSARV	188	>CDKN2A-A6 MMMGSARV	372	184
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>CDKN2A-A6 MMMGSARV	18	>CDKN2A-A6 MMMGSARV	42	24
>CDKN2A-A6 MMMGSARV	185	>CDKN2A-A6 MMMGSARV	370	185
>CDKN2A-A6 VMMMGSAR	425	>CDKN2A-A6 VMMMGSAR	13556	13131
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>CDKN2A-A6 VMMMGSAR	55	>CDKN2A-A6 VMMMGSAR	11521	11466
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>CDKN2A-A6 VMMMGSAR	95	>CDKN2A-A6 VMMMGSAR	16674	16579
>CDKN2A-A6 VMMMGSAR	54	>CDKN2A-A6 VMMMGSAR	12793	12739
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>CDKN2A-A6 AELLLLHGA	964	>CDKN2A-A6 VELLLLHGA	288	676
>CDKN2A-A6 AELLLLHGA	1922	>CDKN2A-A6 VELLLLHGA	180	1742
>CDKN2A-A6 AELLLLHGA	35	>CDKN2A-A6 VELLLLHGA	147	112
>CDKN2A-A6 AELLLLHGA	440	>CDKN2A-A6 VELLLLHGA	2514	2074
>CDKN2A-A6 AELLLLHGA	7	>CDKN2A-A6 VELLLLHGA	65	58
>CDKN2A-A6 AELLLHGAE	313	>CDKN2A-A6 VELLLHGAE	3664	3351
>CDKN2A-A6 AELLLLHGA	32	>CDKN2A-A6 VELLLLHGA	156	124
>CDKN2A-A6 QVMMMGSAR	1731	>CDKN2A-A6 QVMMMGSAR	347	1384
>CDKN2A-A6 QVMMMGSAR	2484	>CDKN2A-A6 QVMMMGSAR	154	2330
>CDKN2A-A6 RVAELLLL	83	>CDKN2A-A6 RVVELLLL	260	177
>CDKN2A-A6 RVAELLLLHG,	171	>CDKN2A-A6 RVVELLLLHG,	574	403
>CDKN2A-A6 RVAELLLL	33	>CDKN2A-A6 RVVELLLL	276	243
>CDKN2A-A6 RVAELLLLHG,	79	>CDKN2A-A6 RVVELLLLHG,	526	447
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>CDKN2A-A6 RVAELLLL	392	>CDKN2A-A6 RVVELLLL	528	136
>CDKN2A-A6 RVAELLLLHG,	305	>CDKN2A-A6 RVVELLLLHG,	385	80
>CDKN2A-A6 RVAELLLL	393	>CDKN2A-A6 RVVELLLL	865	472
>CDKN2A-A6 RVAELLLLHG,	459	>CDKN2A-A6 RVVELLLLHG,	1068	609
>CDKN2A-A6 RVAELLLLH	226	>CDKN2A-A6 RVVELLLLH	810	584
>CDKN2A-A6 RVAELLLLH	230	>CDKN2A-A6 RVVELLLLH	575	345
>CDKN2A-A6 RVAELLLL	424	>CDKN2A-A6 RVVELLLL	518	94
>CDKN2A-A6 RVAELLLLHG,	370	>CDKN2A-A6 RVVELLLLHG,	1459	1089
>CDKN2A-A6 RVAELLLLHG,	428	>CDKN2A-A6 RVVELLLLHG,	687	259



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>CDKN2A-A6 RVAELLLL	268	>CDKN2A-A6 RVVELLLL	562	294
>CDKN2A-A6 RVAELLLL	364	>CDKN2A-A6 RVVELLLL	722	358
>CDKN2A-A6 ARVAELL	180	>CDKN2A-A6 ARVVELL	188	8
>CDKN2A-A6 ARVAELLLL	120	>CDKN2A-A6 ARVVELLLL	125	5
>CDKN2A-A6 ARVAELLLLH	215	>CDKN2A-A6 ARVVELLLLH	430	215
>CDKN2A-A6 ARVAELL	222	>CDKN2A-A6 ARVVELL	709	487
>CDKN2A-A6 ARVAELLLL	229	>CDKN2A-A6 ARVVELLLL	1038	809
>CDKN2A-A6 ARVAELL	706	>CDKN2A-A6 ARVVELL	381	325
>CDKN2A-A6 ARVAELLLL	123	>CDKN2A-A6 ARVVELLLL	116	7
>CDKN2A-A6 ARVAELLLL	23	>CDKN2A-A6 ARVVELLLL	18	5
>CDKN2A-A6 SARVAELL	380	>CDKN2A-A6 SARVVELL	831	451
>CDKN2A-A6 SARVAELL	39	>CDKN2A-A6 SARVVELL	164	125
>CDKN2A-A6 SARVAELLLL	38	>CDKN2A-A6 SARVVELLLL	100	62
>CDKN2A-A6 SARVAELL	377	>CDKN2A-A6 SARVVELL	1388	1011
>CDKN2A-A6 SARVAELL	179	>CDKN2A-A6 SARVVELL	1125	946
>CDKN2A-A6 SARVAELLLL	137	>CDKN2A-A6 SARVVELLLL	496	359
>CDKN2A-A6 SARVAELL	1155	>CDKN2A-A6 SARVVELL	443	712
>CDKN2A-A6 GSARVAELL	687	>CDKN2A-A6 GSARVVELL	204	483
>CDKN2A-A6 GSARVAEL	282	>CDKN2A-A6 GSARVVEL	608	326
>CDKN2A-A6 GSARVAELL	237	>CDKN2A-A6 GSARVVELL	107	130
>CDKN2A-A6 GSARVAELLLL	255	>CDKN2A-A6 GSARVVELLLL	112	143
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>CDKN2A-A6 GSARVAELLLL	66	>CDKN2A-A6 GSARVVELLLL	105	39
>CDKN2A-A6 MGSARVAEL	66	>CDKN2A-A6 MGSARVVEL	140	74
>CDKN2A-A6 MGSARVAEL	399	>CDKN2A-A6 MGSARVVEL	447	48
>CDKN2A-A6 MGSARVAEL	218	>CDKN2A-A6 MGSARVVEL	387	169
>CDKN2A-A6 MMGSARVA	2725	>CDKN2A-A6 MMGSARVV	388	2337
>CDKN2A-A6 MMGSARVAI	177	>CDKN2A-A6 MMGSARVVI	174	3
>CDKN2A-A6 MMGSARVAI	143	>CDKN2A-A6 MMGSARVVI	84	59
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>CDKN2A-A6 MMGSARVAI	24	>CDKN2A-A6 MMGSARVVI	34	10
>CDKN2A-A6 MMGSARVAI	8	>CDKN2A-A6 MMGSARVVI	8	0
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>CDKN2A-A6 MMGSARVAI	52	>CDKN2A-A6 MMGSARVVI	96	44
>CDKN2A-A6 MMGSARVAI	173	>CDKN2A-A6 MMGSARVVI	88	85
>CDKN2A-A6 MMGSARVAI	436	>CDKN2A-A6 MMGSARVVI	451	15
>CDKN2A-A6 MMGSARVA	187	>CDKN2A-A6 MMGSARVV	6	181
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>CDKN2A-A6 MMGSARVAI	24	>CDKN2A-A6 MMGSARVVI	19	5
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>CDKN2A-A6 MMGSARVAI	42	>CDKN2A-A6 MMGSARVVI	62	20
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>CDKN2A-A6 MMGSARVAI	46	>CDKN2A-A6 MMGSARVVI	33	13
>CDKN2A-A6 MMGSARVAI	81	>CDKN2A-A6 MMGSARVVI	54	27
>CDKN2A-A6 MMGSARVA	3077	>CDKN2A-A6 MMGSARVV	14	3063
>CDKN2A-A6 MMGSARVAI	33	>CDKN2A-A6 MMGSARVVI	50	17
>CDKN2A-A6 MMGSARVAI	112	>CDKN2A-A6 MMGSARVVI	61	51
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>CDKN2A-A6 MMGSARVAI	3	>CDKN2A-A6 MMGSARVVI	4	1
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>CDKN2A-A6 MMMGSARV	3	>CDKN2A-A6 MMMGSARV	4	1
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>CDKN2A-A6 MMMGSARV	1302	>CDKN2A-A6 MMMGSARV	25	1277
>CDKN2A-A6 MMMGSARV	35	>CDKN2A-A6 MMMGSARV	30	5
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>CDKN2A-A6 MMMGSARV	21	>CDKN2A-A6 MMMGSARV	2	19
>CDKN2A-A6 MMMGSARV	3	>CDKN2A-A6 MMMGSARV	3	0
>CDKN2A-A6 MMMGSARV	179	>CDKN2A-A6 MMMGSARV	70	109
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>CDKN2A-A6 MMMGSARV	188	>CDKN2A-A6 MMMGSARV	243	55
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>CDKN2A-A6 MMMGSARV	84	>CDKN2A-A6 MMMGSARV	99	15
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>CDKN2A-A6 MMMGSARV	18	>CDKN2A-A6 MMMGSARV	15	3
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>CDKN2A-A6 VMMMGSAR	1340	>CDKN2A-A6 VMMMGSAR	130	1210
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>CDKN2A-A6 VMMMGSAR	239	>CDKN2A-A6 VMMMGSAR	6	233
>CDKN2A-A6 VMMMGSAR	625	>CDKN2A-A6 VMMMGSAR	17	608
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>CDKN2A-A6 VMMMGSAR	183	>CDKN2A-A6 VMMMGSAR	174	9
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>CDKN2A-A6 AEPNCADPA	183	>CDKN2A-A6 EEPNCADPA	1294	1111
>CDKN2A-A6 AEPNCADPA	209	>CDKN2A-A6 EEPNCADPA	1667	1458
>CDKN2A-A6 AEPNCADPA	480	>CDKN2A-A6 EEPNCADPA	1158	678
>CDKN2A-A6 AEPNCADPA	230	>CDKN2A-A6 EEPNCADPA	975	745
>CDKN2A-A6 AEPNCADPA	65	>CDKN2A-A6 EEPNCADPA	2039	1974
>CDKN2A-A6 GAEPNCADP	17154	>CDKN2A-A6 GEEPNCADP	102	17052
>CDKN2A-A6 GAEPNCADP	35175	>CDKN2A-A6 GEEPNCADP	389	34786
>CDKN2A-A6 RVAELLLLHG	171	>CDKN2A-A6 RVAELLLLHG	19830	19659
>CDKN2A-A6 RVAELLLLHG	79	>CDKN2A-A6 RVAELLLLHG	9826	9747
>CDKN2A-A6 RVAELLLLHG	23	>CDKN2A-A6 RVAELLLLHG	10936	10913
>CDKN2A-A6 RVAELLLLHG	12	>CDKN2A-A6 RVAELLLLHG	3350	3338
>CDKN2A-A6 RVAELLLLHG	305	>CDKN2A-A6 RVAELLLLHG	18935	18630
>CDKN2A-A6 RVAELLLLHG	459	>CDKN2A-A6 RVAELLLLHG	23085	22626
>CDKN2A-A6 RVAELLLLHG	370	>CDKN2A-A6 RVAELLLLHG	21551	21181
>CDKN2A-A6 RVAELLLLHG	428	>CDKN2A-A6 RVAELLLLHG	15350	14922
>CDKN2A-A6 HGAEPNCAD	272	>CDKN2A-A6 HGEEPNCAD	10742	10470
>CDKN2A-A6 LLHGAEPNCA	360	>CDKN2A-A6 LLHGEEPNCA	422	62
>CDKN2A-A6 LLHGAEPNCA	290	>CDKN2A-A6 LLHGEEPNCA	338	48
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>CDKN2A-A6 LLHGAEPNCA	278	>CDKN2A-A6 LLHGEEPNCA	229	49
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>CDKN2A-A6 LLHGAEPNC	14	>CDKN2A-A6 LLHGEEPNC	18	4
>CDKN2A-A6 LLHGAEPNCA	26	>CDKN2A-A6 LLHGEEPNCA	26	0
>CDKN2A-A6 LLLHGAEPNC	560	>CDKN2A-A6 LLLHGEEPNC	489	71
>CDKN2A-A6 LLLHGAEPNC	429	>CDKN2A-A6 LLLHGEEPNC	809	380
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>CDKN2A-A6 LLLHGAEPNC	294	>CDKN2A-A6 LLLHGEEPNC	418	124
>CDKN2A-A6 LLLHGAEPNC	66	>CDKN2A-A6 LLLHGEEPNC	50	16
>CDKN2A-A6 LLLHGAEPNC	369	>CDKN2A-A6 LLLHGEEPNC	719	350
>CDKN2A-A6 LLLHGAEPNC	198	>CDKN2A-A6 LLLHGEEPNC	233	35
>CDKN2A-A6 LLLHGAEPNC	35	>CDKN2A-A6 LLLHGEEPNC	43	8
>CDKN2A-A6 LLLHGAEPNC	53	>CDKN2A-A6 LLLHGEEPNC	52	1
>CDKN2A-A6 LLLLHGAEPN	220	>CDKN2A-A6 LLLLHGEEPNC	252	32
>CDKN2A-A6 LLLLHGAEPN	89	>CDKN2A-A6 LLLLHGEEPNC	148	59
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>CDKN2A-A6 ELLLLHGA	342	>CDKN2A-A6 ELLLLHGE	18370	18028
>CDKN2A-A6 ELLLLHGA	186	>CDKN2A-A6 ELLLLHGE	19192	19006
>CDKN2A-A6 ELLLLHGA	195	>CDKN2A-A6 ELLLLHGE	19101	18906
>CDKN2A-A6 ELLLLHGA	91	>CDKN2A-A6 ELLLLHGE	11196	11105
>CDKN2A-A6 AELLLLHGA	35	>CDKN2A-A6 AELLLLHGE	888	853
>CDKN2A-A6 AELLLLHGA	440	>CDKN2A-A6 AELLLLHGE	1068	628
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>CDKN2A-A6 AELLLLHGAE	313	>CDKN2A-A6 AELLLLHGEE	459	146
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>CDKN2A-A6 AEPNCADPA	183	>CDKN2A-A6 TEPNCADPA	673	490
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>CDKN2A-A6 AEPNCADPA	480	>CDKN2A-A6 TEPNCADPA	4086	3606
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>CDKN2A-A6 AEPNCADPA	65	>CDKN2A-A6 TEPNCADPA	515	450
>CDKN2A-A6 RVAELLLLHG,	171	>CDKN2A-A6 RVAELLLLHG	1500	1329
>CDKN2A-A6 RVAELLLLHG,	79	>CDKN2A-A6 RVAELLLLHG	730	651
>CDKN2A-A6 RVAELLLLHG,	23	>CDKN2A-A6 RVAELLLLHG	273	250
>CDKN2A-A6 RVAELLLLHG,	12	>CDKN2A-A6 RVAELLLLHG	58	46
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>CDKN2A-A6 RVAELLLLHG,	459	>CDKN2A-A6 RVAELLLLHG	3850	3391
>CDKN2A-A6 RVAELLLLHG,	370	>CDKN2A-A6 RVAELLLLHG	4627	4257
>CDKN2A-A6 RVAELLLLHG,	428	>CDKN2A-A6 RVAELLLLHG	2530	2102
>CDKN2A-A6 HGAEPNCAD	272	>CDKN2A-A6 HGTEPNCAD	1723	1451
>CDKN2A-A6 LLHGAEPNCA	360	>CDKN2A-A6 LLHGTEPNC	461	101
>CDKN2A-A6 LLHGAEPNCA	290	>CDKN2A-A6 LLHGTEPNC	229	61
>CDKN2A-A6 LLHGAEPNC	274	>CDKN2A-A6 LLHGTEPNC	118	156
>CDKN2A-A6 LLHGAEPNCA	278	>CDKN2A-A6 LLHGTEPNC	194	84
>CDKN2A-A6 LLHGAEPNCA	242	>CDKN2A-A6 LLHGTEPNC	282	40
>CDKN2A-A6 LLHGAEPNC	14	>CDKN2A-A6 LLHGTEPNC	11	3
>CDKN2A-A6 LLHGAEPNCA	26	>CDKN2A-A6 LLHGTEPNC	26	0
>CDKN2A-A6 LLLHGAEPNC	560	>CDKN2A-A6 LLLHGTEPNC	304	256
>CDKN2A-A6 LLLHGAEPNC	723	>CDKN2A-A6 LLLHGTEPNC	427	296

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>CDKN2A-A6 LLLHGAEPNC	121	>CDKN2A-A6 LLLHGTEPNC	75	46
>CDKN2A-A6 LLLHGAEPNC	105	>CDKN2A-A6 LLLHGTEPNC	103	2
>CDKN2A-A6 LLLHGAEPNC	428	>CDKN2A-A6 LLLHGTEPNC	249	179
>CDKN2A-A6 LLLHGAEPNC	80	>CDKN2A-A6 LLLHGTEPNC	54	26
>CDKN2A-A6 LLLHGAEPNC	294	>CDKN2A-A6 LLLHGTEPNC	229	65
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>CDKN2A-A6 LLLHGAEPNC	369	>CDKN2A-A6 LLLHGTEPNC	212	157
>CDKN2A-A6 LLLHGAEPNC	198	>CDKN2A-A6 LLLHGTEPNC	115	83
>CDKN2A-A6 LLLHGAEPNC	35	>CDKN2A-A6 LLLHGTEPNC	26	9
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>CDKN2A-A6 LLLLHGAEPN	220	>CDKN2A-A6 LLLLHGTEPNC	231	11
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>CDKN2A-A6 ELLLLHGA	214	>CDKN2A-A6 ELLLLHGT	1335	1121
>CDKN2A-A6 ELLLLHGA	342	>CDKN2A-A6 ELLLLHGT	3220	2878
>CDKN2A-A6 ELLLLHGA	186	>CDKN2A-A6 ELLLLHGT	949	763
>CDKN2A-A6 ELLLLHGA	195	>CDKN2A-A6 ELLLLHGT	1571	1376
>CDKN2A-A6 ELLLLHGA	91	>CDKN2A-A6 ELLLLHGT	620	529
>CDKN2A-A6 AELLLLHGA	35	>CDKN2A-A6 AELLLLHGT	45	10
>CDKN2A-A6 AELLLLHGA	440	>CDKN2A-A6 AELLLLHGT	696	256
>CDKN2A-A6 AELLLLHGA	7	>CDKN2A-A6 AELLLLHGT	19	12
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>CDKN2A-A6 AELLLLHGA	32	>CDKN2A-A6 AELLLLHGT	25	7
>CDKN2A-A6 AEPNCADPA	183	>CDKN2A-A6 VEPNCADPA	745	562
>CDKN2A-A6 AEPNCADPA	209	>CDKN2A-A6 VEPNCADPA	1257	1048
>CDKN2A-A6 AEPNCADPA	480	>CDKN2A-A6 VEPNCADPA	8425	7945
>CDKN2A-A6 AEPNCADPA	230	>CDKN2A-A6 VEPNCADPA	3564	3334
>CDKN2A-A6 AEPNCADPA	65	>CDKN2A-A6 VEPNCADPA	222	157
>CDKN2A-A6 RVAELLLLHG,	171	>CDKN2A-A6 RVAELLLLHG'	21	150
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>CDKN2A-A6 RVAELLLLHG,	23	>CDKN2A-A6 RVAELLLLHG'	6	17
>CDKN2A-A6 RVAELLLLHG,	12	>CDKN2A-A6 RVAELLLLHG'	4	8
>CDKN2A-A6 RVAELLLLHG,	305	>CDKN2A-A6 RVAELLLLHG'	8	297
>CDKN2A-A6 RVAELLLLHG,	1288	>CDKN2A-A6 RVAELLLLHG'	25	1263
>CDKN2A-A6 RVAELLLLHG,	587	>CDKN2A-A6 RVAELLLLHG'	13	574
>CDKN2A-A6 RVAELLLLHG,	1731	>CDKN2A-A6 RVAELLLLHG'	18	1713
>CDKN2A-A6 RVAELLLLHG,	459	>CDKN2A-A6 RVAELLLLHG'	5	454
>CDKN2A-A6 RVAELLLLHG,	370	>CDKN2A-A6 RVAELLLLHG'	31	339
>CDKN2A-A6 RVAELLLLHG,	428	>CDKN2A-A6 RVAELLLLHG'	13	415
>CDKN2A-A6 HGAEPNCAD	272	>CDKN2A-A6 HGVEPNCAD	1030	758
>CDKN2A-A6 LLHGAEPNCA	360	>CDKN2A-A6 LLHGVEPNCA	429	69
>CDKN2A-A6 LLHGAEPNCA	290	>CDKN2A-A6 LLHGVEPNCA	293	3

>CDKN2A-A6 LLHGAEPNC	274	>CDKN2A-A6 LLHGVEPNC	42	232
>CDKN2A-A6 LLHGAEPNCA	278	>CDKN2A-A6 LLHGVEPNCA	105	173
>CDKN2A-A6 LLHGAEPNCA	242	>CDKN2A-A6 LLHGVEPNCA	185	57
>CDKN2A-A6 LLHGAEPNC	14	>CDKN2A-A6 LLHGVEPNC	15	1
>CDKN2A-A6 LLHGAEPNCA	26	>CDKN2A-A6 LLHGVEPNCA	31	5
>CDKN2A-A6 LLLHGAEPNC	560	>CDKN2A-A6 LLLHGVEPNC	272	288
>CDKN2A-A6 LLLHGAEPNC	723	>CDKN2A-A6 LLLHGVEPNC	486	237
>CDKN2A-A6 LLLHGAEPNC	429	>CDKN2A-A6 LLLHGVEPNC	235	194
>CDKN2A-A6 LLLHGAEPNC	476	>CDKN2A-A6 LLLHGVEPNC	472	4
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>CDKN2A-A6 LLLHGAEPNC	105	>CDKN2A-A6 LLLHGVEPNC	65	40
>CDKN2A-A6 LLLHGAEPNC	428	>CDKN2A-A6 LLLHGVEPNC	281	147
>CDKN2A-A6 LLLHGAEPNC	80	>CDKN2A-A6 LLLHGVEPNC	59	21
>CDKN2A-A6 LLLHGAEPNC	294	>CDKN2A-A6 LLLHGVEPNC	139	155
>CDKN2A-A6 LLLHGAEPNC	66	>CDKN2A-A6 LLLHGVEPNC	47	19
>CDKN2A-A6 LLLHGAEPNC	369	>CDKN2A-A6 LLLHGVEPNC	202	167
>CDKN2A-A6 LLLHGAEPNC	198	>CDKN2A-A6 LLLHGVEPNC	107	91
>CDKN2A-A6 LLLHGAEPNC	35	>CDKN2A-A6 LLLHGVEPNC	27	8
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>CDKN2A-A6 LLLLHGAEPN	220	>CDKN2A-A6 LLLLHGVEPN	131	89
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>CDKN2A-A6 ELLLLHGA	1334	>CDKN2A-A6 ELLLLHGV	188	1146
>CDKN2A-A6 ELLLLHGA	214	>CDKN2A-A6 ELLLLHGV	7	207
>CDKN2A-A6 ELLLLHGA	760	>CDKN2A-A6 ELLLLHGV	46	714
>CDKN2A-A6 ELLLLHGA	342	>CDKN2A-A6 ELLLLHGV	13	329
>CDKN2A-A6 ELLLLHGA	186	>CDKN2A-A6 ELLLLHGV	8	178
>CDKN2A-A6 ELLLLHGA	195	>CDKN2A-A6 ELLLLHGV	6	189
>CDKN2A-A6 ELLLLHGA	3331	>CDKN2A-A6 ELLLLHGV	351	2980
>CDKN2A-A6 ELLLLHGA	91	>CDKN2A-A6 ELLLLHGV	7	84
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>CDKN2A-A6 AELLLLHGA	3077	>CDKN2A-A6 AELLLLHGV	70	3007
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>CDKN2A-A6 AELLLLHGAE	313	>CDKN2A-A6 AELLLLHGVE	486	173
>CDKN2A-A6 AELLLLHGA	32	>CDKN2A-A6 AELLLLHGV	4	28
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>CDKN2A-A7 CADPATLTR	353	>CDKN2A-A7 CGDPATLTR	4075	3722
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>CDKN2A-A7 LLLHGAEPNC	476	>CDKN2A-A7 LLLHGAEPNC	10730	10254
>CDKN2A-A7 LLLHGAEPNC	105	>CDKN2A-A7 LLLHGAEPNC	5842	5737

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>CDKN2A-A7 LLLHGAEPNC	198	>CDKN2A-A7 LLLHGAEPNC	16623	16425
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>CDKN2A-A7 NCADPATLTF	284	>CDKN2A-A7 NCGDPATLTF	4290	4006
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>CDKN2A-A7 EPNCADPA	53	>CDKN2A-A7 EPNCGDPA	79	26
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>CDKN2A-A7 AEPNCADPA`	230	>CDKN2A-A7 AEPNCGDPA`	306	76
>CDKN2A-A7 AEPNCADPA`	65	>CDKN2A-A7 AEPNCGDPA`	112	47
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>CDKN2A-A7 LLHGAEPNCA	360	>CDKN2A-A7 LLHGAEPNCC	12333	11973
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>CDKN2A-A7 LLHGAEPNCA	278	>CDKN2A-A7 LLHGAEPNCC	9590	9312
>CDKN2A-A7 LLHGAEPNCA	242	>CDKN2A-A7 LLHGAEPNCC	11909	11667
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>CDKN2A-A7 CADPATLTRP	14825	>CDKN2A-A7 CPDPATLTRP	292	14533
>CDKN2A-A7 LLLHGAEPNC	429	>CDKN2A-A7 LLLHGAEPNC	18972	18543
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>CDKN2A-A7 NCADPATLTF	284	>CDKN2A-A7 NCPDPATLTR	904	620
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>CDKN2A-A7 NCADPATLTF	233	>CDKN2A-A7 NCPDPATLTR	240	7
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>CDKN2A-A7 LLLHGAEPNC	53	>CDKN2A-A7 LLLHGAEPNC	5118	5065
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>CDKN2A-A7 NCADPATLTF	233	>CDKN2A-A7 NCSDPATLTR	309	76
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>CDKN2A-A7 LLHGAEPNCA	290	>CDKN2A-A7 LLHGAEPNCS	8420	8130
>CDKN2A-A7 LLHGAEPNCA	278	>CDKN2A-A7 LLHGAEPNCS	6390	6112



>CDKN2A-A7 LLHGAEPNCA	242	>CDKN2A-A7 LLHGAEPNCS	8820	8578
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>CDKN2A-A7 ADPATLTRPV	498	>CDKN2A-A7 TDPATLTRPV	687	189
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>CDKN2A-A7 LLLHGAEPNC	476	>CDKN2A-A7 LLLHGAEPNC	2529	2053
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>CDKN2A-A7 NCADPATLTF	233	>CDKN2A-A7 NCTDPATLTR	301	68
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>CDKN2A-A7 ATLTRPVHDA	5741	>CDKN2A-A7 TTLTRPVHDA	341	5400
>CDKN2A-A7 HGAEPNCAD	272	>CDKN2A-A7 HGAEPNCAD	4026	3754
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>CDKN2A-A7 CADPATLTR	353	>CDKN2A-A7 CADPTTLTR	356	3
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>CDKN2A-A7 NCADPATL	475	>CDKN2A-A7 NCADPTTL	472	3
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>CDKN2A-A7 EPNCADPA	53	>CDKN2A-A7 EPNCADPT	47	6
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>CDKN2A-A7 EPNCADPATL	279	>CDKN2A-A7 EPNCADPTTL	211	68
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>CDKN2A-A7 AEPNCADPA <sup>-</sup>	183	>CDKN2A-A7 AEPNCADPTI	186	3
>CDKN2A-A7 AEPNCADPA	209	>CDKN2A-A7 AEPNCADPT	274	65
>CDKN2A-A7 AEPNCADPA <sup>-</sup>	507	>CDKN2A-A7 AEPNCADPTI	399	108
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>CDKN2A-A7 AEPNCADPA <sup>-</sup>	230	>CDKN2A-A7 AEPNCADPTI	200	30
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>CDKN2A-A7 ADPATLTRPV	498	>CDKN2A-A7 ADPVTLTRPV	367	131
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>CDKN2A-A7 NCADPATLTF	284	>CDKN2A-A7 NCADPVLTR	168	116
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>CDKN2A-A7 AEPNCADPA <sup>-</sup>	183	>CDKN2A-A7 AEPNCADPV <sup>-</sup>	99	84
>CDKN2A-A7 AEPNCADPA	209	>CDKN2A-A7 AEPNCADPV	186	23
>CDKN2A-A7 AEPNCADPA <sup>-</sup>	849	>CDKN2A-A7 AEPNCADPV <sup>-</sup>	474	375
>CDKN2A-A7 AEPNCADPA	480	>CDKN2A-A7 AEPNCADPV	2241	1761
>CDKN2A-A7 AEPNCADPA <sup>-</sup>	230	>CDKN2A-A7 AEPNCADPV <sup>-</sup>	373	143
>CDKN2A-A7 AEPNCADPA	609	>CDKN2A-A7 AEPNCADPV	33	576

>CDKN2A-A7 AEPNCADPA'	65	>CDKN2A-A7 AEPNCADPV'	48	17
>CDKN2A-A8 AAREGFLDTL	408	>CDKN2A-A8 PAREGFLDTL'	8345	7937
>CDKN2A-A8 AAREGFLDTL	252	>CDKN2A-A8 PAREGFLDTL'	4999	4747
>CDKN2A-A8 AAREGFLDTL	342	>CDKN2A-A8 PAREGFLDTL	5103	4761
>CDKN2A-A8 AAREGFLDTL	203	>CDKN2A-A8 PAREGFLDTL'	3696	3493
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>CDKN2A-A8 LTRPVHDAA	24	>CDKN2A-A8 LTRPVHDPA	12	12
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>CDKN2A-A8 AAREGFLDTL	408	>CDKN2A-A8 TAREGFLDTL'	852	444
>CDKN2A-A8 AAREGFLDTL	252	>CDKN2A-A8 TAREGFLDTL'	1393	1141
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>CDKN2A-A8 LTRPVHDAA	24	>CDKN2A-A8 LTRPVHDTA	23	1
>CDKN2A-A8 LTRPVHDAAF	56	>CDKN2A-A8 LTRPVHDTAF	199	143
>CDKN2A-A8 LTRPVHDAAF	107	>CDKN2A-A8 LTRPVHDTAF	296	189
>CDKN2A-A8 LTRPVHDAAF	47	>CDKN2A-A8 LTRPVHDTAF	79	32

>CDKN2A-A8 LTRPVHDAA	583	>CDKN2A-A8 LTRPVHDTA	85	498
>CDKN2A-A8 TLTRPVHDAA	611	>CDKN2A-A8 TLTRPVHDTA	470	141
>CDKN2A-A8 TLTRPVHDAA	280	>CDKN2A-A8 TLTRPVHDTA	203	77
>CDKN2A-A8 TLTRPVHDAA	1048	>CDKN2A-A8 TLTRPVHDTA	406	642
>CDKN2A-A8 TLTRPVHDA	12	>CDKN2A-A8 TLTRPVHDT	101	89
>CDKN2A-A8 TLTRPVHDAA	88	>CDKN2A-A8 TLTRPVHDTA	33	55
>CDKN2A-A8 TLTRPVHDAA	159	>CDKN2A-A8 TLTRPVHDTA	214	55
>CDKN2A-A8 TLTRPVHDAA	411	>CDKN2A-A8 TLTRPVHDTA	587	176
>CDKN2A-A8 TLTRPVHDAA	68	>CDKN2A-A8 TLTRPVHDTA	86	18
>CDKN2A-A8 ATLTRPVHDA	506	>CDKN2A-A8 ATLTRPVHDT	487	19
>CDKN2A-A8 AREGFLDTL	165	>CDKN2A-A8 VREGFLDTL	600	435
>CDKN2A-A8 AREGFLDTL	63	>CDKN2A-A8 VREGFLDTL	165	102
>CDKN2A-A8 AAREGFLDTL	1005	>CDKN2A-A8 AVREGFLDTL	328	677
>CDKN2A-A8 AAREGFLDTL	620	>CDKN2A-A8 AVREGFLDTL	63	557
>CDKN2A-A8 AAREGFLDTL	408	>CDKN2A-A8 AVREGFLDTL	108	300
>CDKN2A-A8 AAREGFLDTL	3175	>CDKN2A-A8 AVREGFLDTL	185	2990
>CDKN2A-A8 AAREGFLDTL	252	>CDKN2A-A8 AVREGFLDTL	21	231
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>CDKN2A-A8 AAREGFLDTL	203	>CDKN2A-A8 AVREGFLDTL	64	139
>CDKN2A-A8 AAREGFLDTL	53	>CDKN2A-A8 AVREGFLDTL	461	408
>CDKN2A-A8 ATLTRPVHDA	1556	>CDKN2A-A8 ATLTRPVHDA	188	1368
>CDKN2A-A8 ATLTRPVHDA	2327	>CDKN2A-A8 ATLTRPVHDA	42	2285
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>CDKN2A-A8 ATLTRPVHDA	2733	>CDKN2A-A8 ATLTRPVHDA	485	2248
>CDKN2A-A8 ATLTRPVHDA	6534	>CDKN2A-A8 ATLTRPVHDA	494	6040
>CDKN2A-A8 HDAAREGFL	169	>CDKN2A-A8 HDAVREGFL	124	45
>CDKN2A-A8 RPVHDAAREGFL	58	>CDKN2A-A8 RPVHDAVREGFL	76	18
>CDKN2A-A8 RPVHDAAREGFL	287	>CDKN2A-A8 RPVHDAVREGFL	268	19
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>CDKN2A-A8 RPVHDAAR	319	>CDKN2A-A8 RPVHDAVR	221	98
>CDKN2A-A8 LTRPVHDAA	8131	>CDKN2A-A8 LTRPVHDAV	299	7832
>CDKN2A-A8 LTRPVHDAA	24	>CDKN2A-A8 LTRPVHDAV	40	16
>CDKN2A-A8 LTRPVHDAAF	56	>CDKN2A-A8 LTRPVHDAVF	86	30
>CDKN2A-A8 LTRPVHDAAF	107	>CDKN2A-A8 LTRPVHDAVF	238	131
>CDKN2A-A8 LTRPVHDAAF	47	>CDKN2A-A8 LTRPVHDAVF	78	31
>CDKN2A-A8 LTRPVHDAA	2875	>CDKN2A-A8 LTRPVHDAV	267	2608
>CDKN2A-A8 LTRPVHDAA	583	>CDKN2A-A8 LTRPVHDAV	68	515
>CDKN2A-A8 TLTRPVHDAA	2478	>CDKN2A-A8 TLTRPVHDAV	387	2091
>CDKN2A-A8 TLTRPVHDAA	611	>CDKN2A-A8 TLTRPVHDAV	80	531
>CDKN2A-A8 TLTRPVHDAA	280	>CDKN2A-A8 TLTRPVHDAV	7	273
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>CDKN2A-A8 TLTRPVHDAA	1048	>CDKN2A-A8 TLTRPVHDAV	23	1025
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>CDKN2A-A8 TLTRPVHDAF	411	>CDKN2A-A8 TLTRPVHDAV	1099	688
>CDKN2A-A8 TLTRPVHDAF	68	>CDKN2A-A8 TLTRPVHDAV	83	15
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>CDKN2A-A8 TLTRPVHDAF	7966	>CDKN2A-A8 TLTRPVHDAV	482	7484
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>CDKN2A-C7 CADPATLTR	353	>CDKN2A-C7 GADPATLTR	1553	1200
>CDKN2A-C7 NCADPATLTF	284	>CDKN2A-C7 NGADPATLTF	887	603
>CDKN2A-C7 NCADPATL	475	>CDKN2A-C7 NGADPATL	1031	556
>CDKN2A-C7 NCADPATLTF	233	>CDKN2A-C7 NGADPATLTF	433	200
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>CDKN2A-C7 LLLHGAEPN	89	>CDKN2A-C7 LLLHGAEPN	5331	5242
>CDKN2A-C7 EPNCADPATL	353	>CDKN2A-C7 EPNGADPATI	269	84
>CDKN2A-C7 EPNCADPA	53	>CDKN2A-C7 EPNGADPA	88	35
>CDKN2A-C7 EPNCADPAT	16	>CDKN2A-C7 EPNGADPAT	22	6
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>CDKN2A-C7 EPNCADPATL	753	>CDKN2A-C7 EPNGADPATI	199	554
>CDKN2A-C7 EPNCADPA	43	>CDKN2A-C7 EPNGADPA	43	0
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>CDKN2A-C7 AEPNCADPA	183	>CDKN2A-C7 AEPNGADPA	123	60
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>CDKN2A-C7 AEPNCADPA	480	>CDKN2A-C7 AEPNGADPA	149	331
>CDKN2A-C7 AEPNCADPA	230	>CDKN2A-C7 AEPNGADPA	406	176
>CDKN2A-C7 AEPNCADPA	65	>CDKN2A-C7 AEPNGADPA	69	4
>CDKN2A-C7 HGAEPNCAD	272	>CDKN2A-C7 HGAEPNGAD	349	77
>CDKN2A-C7 LLHGAEPNCA	360	>CDKN2A-C7 LLHGAEPNGA	190	170
>CDKN2A-C7 LLHGAEPNCA	290	>CDKN2A-C7 LLHGAEPNGA	92	198
>CDKN2A-C7 LLHGAEPNC	274	>CDKN2A-C7 LLHGAEPNG	5740	5466
>CDKN2A-C7 LLHGAEPNCA	278	>CDKN2A-C7 LLHGAEPNGA	51	227
>CDKN2A-C7 LLHGAEPNCA	242	>CDKN2A-C7 LLHGAEPNGA	216	26
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>CDKN2A-C7 LLHGAEPNCA	26	>CDKN2A-C7 LLHGAEPNGA	10	16
>CDKN2A-C7 LLLHGAEPNC	560	>CDKN2A-C7 LLLHGAEPNG	393	167
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>CDKN2A-C7 LLLHGAEPNC	429	>CDKN2A-C7 LLLHGAEPNG	56	373
>CDKN2A-C7 LLLHGAEPNC	476	>CDKN2A-C7 LLLHGAEPNG	92	384
>CDKN2A-C7 LLLHGAEPNC	121	>CDKN2A-C7 LLLHGAEPNG	2799	2678
>CDKN2A-C7 LLLHGAEPNC	105	>CDKN2A-C7 LLLHGAEPNG	21	84
>CDKN2A-C7 LLLHGAEPNC	428	>CDKN2A-C7 LLLHGAEPNG	6392	5964
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>CDKN2A-C7 LLLHGAEPNC	294	>CDKN2A-C7 LLLHGAEPNG	3650	3356
>CDKN2A-C7 LLLHGAEPNC	66	>CDKN2A-C7 LLLHGAEPNG	55	11

>CDKN2A-C7 LLLHGAEPNC	369	>CDKN2A-C7 LLLHGAEPNG	12624	12255
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>CDKN2A-C7 LLLHGAEPNC	35	>CDKN2A-C7 LLLHGAEPNG	3636	3601
>CDKN2A-C7 LLLHGAEPNC	53	>CDKN2A-C7 LLLHGAEPNG	19	34
>CDKN2A-C7 CADPATLTRP	712	>CDKN2A-C7 SADPATLTRP	142	570
>CDKN2A-C7 CADPATLTRP	3042	>CDKN2A-C7 SADPATLTRP	318	2724
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>CDKN2A-C7 NCADPATLTF	13999	>CDKN2A-C7 NSADPATLTR	220	13779
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>CDKN2A-C7 NCADPATL	868	>CDKN2A-C7 NSADPATL	277	591
>CDKN2A-C7 NCADPATL	17119	>CDKN2A-C7 NSADPATL	86	17033
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>CDKN2A-C7 LLLLHGAEPN	89	>CDKN2A-C7 LLLLHGAEPN	1355	1266
>CDKN2A-C7 EPNCADPATL	353	>CDKN2A-C7 EPNSADPATL	142	211
>CDKN2A-C7 EPNCADPA	53	>CDKN2A-C7 EPNSADPA	88	35
>CDKN2A-C7 EPNCADPAT	16	>CDKN2A-C7 EPNSADPAT	21	5
>CDKN2A-C7 EPNCADPATL	279	>CDKN2A-C7 EPNSADPATL	439	160
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>CDKN2A-C7 AEPNCADPA	183	>CDKN2A-C7 AEPNSADPA	169	14
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>CDKN2A-C7 LLHGAEPNCA	360	>CDKN2A-C7 LLHGAEPNSA	111	249
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>CDKN2A-C7 LLHGAEPNC	274	>CDKN2A-C7 LLHGAEPNS	3177	2903
>CDKN2A-C7 LLHGAEPNCA	278	>CDKN2A-C7 LLHGAEPNSA	65	213
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>CDKN2A-C7 LLHGAEPNC	14	>CDKN2A-C7 LLHGAEPNS	201	187
>CDKN2A-C7 LLHGAEPNCA	26	>CDKN2A-C7 LLHGAEPNSA	9	17
>CDKN2A-C7 LLLHGAEPNC	560	>CDKN2A-C7 LLLHGAEPNS	259	301
>CDKN2A-C7 LLLHGAEPNC	723	>CDKN2A-C7 LLLHGAEPNS	321	402
>CDKN2A-C7 LLLHGAEPNC	429	>CDKN2A-C7 LLLHGAEPNS	46	383
>CDKN2A-C7 LLLHGAEPNC	476	>CDKN2A-C7 LLLHGAEPNS	111	365
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>CDKN2A-C7 LLLHGAEPNC	428	>CDKN2A-C7 LLLHGAEPNS	5035	4607
>CDKN2A-C7 LLLHGAEPNC	80	>CDKN2A-C7 LLLHGAEPNS	49	31
>CDKN2A-C7 LLLHGAEPNC	294	>CDKN2A-C7 LLLHGAEPNS	1780	1486
>CDKN2A-C7 LLLHGAEPNC	66	>CDKN2A-C7 LLLHGAEPNS	73	7
>CDKN2A-C7 LLLHGAEPNC	369	>CDKN2A-C7 LLLHGAEPNS	4880	4511
>CDKN2A-C7 LLLHGAEPNC	198	>CDKN2A-C7 LLLHGAEPNS	213	15
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>CDKN2A-C7 LLLHGAEPNC	53	>CDKN2A-C7 LLLHGAEPNS	16	37
>CDKN2A-C7 CADPATLTRP	4189	>CDKN2A-C7 YADPATLTRP	281	3908
>CDKN2A-C7 CADPATLTRP	712	>CDKN2A-C7 YADPATLTRP	25	687
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>CDKN2A-C7 CADPATLTRP	6743	>CDKN2A-C7 YADPATLTRP	319	6424
>CDKN2A-C7 CADPATLTRP	7783	>CDKN2A-C7 YADPATLTRP	117	7666
>CDKN2A-C7 CADPATLTRP	9246	>CDKN2A-C7 YADPATLTRP	492	8754
>CDKN2A-C7 CADPATLTRP	5096	>CDKN2A-C7 YADPATLTRP	74	5022
>CDKN2A-C7 CADPATLTR	353	>CDKN2A-C7 YADPATLTR	101	252
>CDKN2A-C7 CADPATLTRP	1765	>CDKN2A-C7 YADPATLTRP	428	1337
>CDKN2A-C7 CADPATLTRP	585	>CDKN2A-C7 YADPATLTRP	15	570
>CDKN2A-C7 NCADPATL	24083	>CDKN2A-C7 NYADPATL	120	23963
>CDKN2A-C7 NCADPATLTF	1563	>CDKN2A-C7 NYADPATLTR	190	1373
>CDKN2A-C7 NCADPATLTF	284	>CDKN2A-C7 NYADPATLTR	69	215
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>CDKN2A-C7 NCADPATLTF	233	>CDKN2A-C7 NYADPATLTR	24	209
>CDKN2A-C7 LLLLHGAEPN	220	>CDKN2A-C7 LLLLHGAEPN'	5338	5118
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>CDKN2A-C7 LLLLHGAEPN	22400	>CDKN2A-C7 LLLLHGAEPN'	54	22346
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>CDKN2A-C7 PNCADPATLT	1360	>CDKN2A-C7 PNYADPATLT	421	939
>CDKN2A-C7 EPNCADPATL	353	>CDKN2A-C7 EPNYADPATL	425	72
>CDKN2A-C7 EPNCADPA	53	>CDKN2A-C7 EPNYADPA	100	47
>CDKN2A-C7 EPNCADPAT	16	>CDKN2A-C7 EPNYADPAT	25	9
>CDKN2A-C7 EPNCADPATL	279	>CDKN2A-C7 EPNYADPATL	513	234
>CDKN2A-C7 EPNCADPA	43	>CDKN2A-C7 EPNYADPA	40	3
>CDKN2A-C7 EPNCADPAT	371	>CDKN2A-C7 EPNYADPAT	343	28
>CDKN2A-C7 AEPNCADPA	183	>CDKN2A-C7 AEPNYADPA	172	11
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>CDKN2A-C7 AEPNCADPA	65	>CDKN2A-C7 AEPNYADPA	43	22
>CDKN2A-C7 HGAEPNCA	3080	>CDKN2A-C7 HGAEPNYA	282	2798

>CDKN2A-C7 HGAEPNCAD	272	>CDKN2A-C7 HGAEPNYAD	150	122
>CDKN2A-C7 LLHGAEPNCA	3531	>CDKN2A-C7 LLHGAEPNYA	328	3203
>CDKN2A-C7 LLHGAEPNCA	360	>CDKN2A-C7 LLHGAEPNYA	42	318
>CDKN2A-C7 LLHGAEPNCA	290	>CDKN2A-C7 LLHGAEPNYA	42	248
>CDKN2A-C7 LLHGAEPNC	274	>CDKN2A-C7 LLHGAEPNY	6561	6287
>CDKN2A-C7 LLHGAEPNCA	278	>CDKN2A-C7 LLHGAEPNYA	17	261
>CDKN2A-C7 LLHGAEPNCA	1919	>CDKN2A-C7 LLHGAEPNYA	387	1532
>CDKN2A-C7 LLHGAEPNCA	242	>CDKN2A-C7 LLHGAEPNYA	85	157
>CDKN2A-C7 LLHGAEPNC	14	>CDKN2A-C7 LLHGAEPNY	363	349
>CDKN2A-C7 LLHGAEPNCA	26	>CDKN2A-C7 LLHGAEPNYA	8	18
>CDKN2A-C7 LLHGAEPNC	25238	>CDKN2A-C7 LLHGAEPNY	191	25047
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>CDKN2A-C7 LLHGAEPNC	18757	>CDKN2A-C7 LLHGAEPNY	218	18539
>CDKN2A-C7 LLLHGAEPNC	560	>CDKN2A-C7 LLLHGAEPNY	76	484
>CDKN2A-C7 LLLHGAEPNC	723	>CDKN2A-C7 LLLHGAEPNY	103	620
>CDKN2A-C7 LLLHGAEPNC	429	>CDKN2A-C7 LLLHGAEPNY	47	382
>CDKN2A-C7 LLLHGAEPNC	476	>CDKN2A-C7 LLLHGAEPNY	53	423
>CDKN2A-C7 LLLHGAEPNC	121	>CDKN2A-C7 LLLHGAEPNY	3211	3090
>CDKN2A-C7 LLLHGAEPNC	105	>CDKN2A-C7 LLLHGAEPNY	8	97
>CDKN2A-C7 LLLHGAEPNC	428	>CDKN2A-C7 LLLHGAEPNY	8852	8424
>CDKN2A-C7 LLLHGAEPNC	80	>CDKN2A-C7 LLLHGAEPNY	21	59
>CDKN2A-C7 LLLHGAEPNC	294	>CDKN2A-C7 LLLHGAEPNY	4270	3976
>CDKN2A-C7 LLLHGAEPNC	66	>CDKN2A-C7 LLLHGAEPNY	26	40
>CDKN2A-C7 LLLHGAEPNC	369	>CDKN2A-C7 LLLHGAEPNY	7672	7303
>CDKN2A-C7 LLLHGAEPNC	198	>CDKN2A-C7 LLLHGAEPNY	40	158
>CDKN2A-C7 LLLHGAEPNC	35	>CDKN2A-C7 LLLHGAEPNY	1389	1354
>CDKN2A-C7 LLLHGAEPNC	53	>CDKN2A-C7 LLLHGAEPNY	14	39
>CDKN2A-C7 LLLHGAEPNC	32324	>CDKN2A-C7 LLLHGAEPNY	377	31947
>CDKN2A-C7 LLLHGAEPNC	25160	>CDKN2A-C7 LLLHGAEPNY	447	24713
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>CDKN2A-C7 LLLHGAEPNC	20629	>CDKN2A-C7 LLLHGAEPNY	229	20400
>CDKN2A-C7 LLLHGAEPNC	9282	>CDKN2A-C7 LLLHGAEPNY	126	9156
>CDKN2A-C7 LLLHGAEPNC	23332	>CDKN2A-C7 LLLHGAEPNY	243	23089
>CDKN2A-D1 DVRDAWGRI	1480	>CDKN2A-D1 EVRDAWGRL	379	1101
>CDKN2A-D1 DVRDAWGRI	456	>CDKN2A-D1 EVRDAWGRL	66	390
>CDKN2A-D1 DVRDAWGRI	644	>CDKN2A-D1 EVRDAWGRL	128	516
>CDKN2A-D1 DVRDAWGRI	277	>CDKN2A-D1 EVRDAWGRL	225	52
>CDKN2A-D1 DVRDAWGR	17	>CDKN2A-D1 EVRDAWGR	33	16
>CDKN2A-D1 DVRDAWGR	62	>CDKN2A-D1 EVRDAWGR	16	46
>CDKN2A-D1 DVRDAWGRI	4223	>CDKN2A-D1 EVRDAWGRL	417	3806
>CDKN2A-D1 DVRDAWGRI	208	>CDKN2A-D1 EVRDAWGRL	28	180
>CDKN2A-D1 DVRDAWGRI	198	>CDKN2A-D1 EVRDAWGRL	32	166
>CDKN2A-D1 DVRDAWGR	1440	>CDKN2A-D1 EVRDAWGR	475	965



>CDKN2A-D1 LDVRDAWGF	477	>CDKN2A-D1 LEVRDAWGR	12116	11639
>CDKN2A-D1 RLDVRDAWC	122	>CDKN2A-D1 RLEVRDAWG	2162	2040
>CDKN2A-D1 RLDVRDAWC	227	>CDKN2A-D1 RLEVRDAWG	4948	4721
>CDKN2A-D1 RLDVRDAWC	91	>CDKN2A-D1 RLEVRDAWG	150	59
>CDKN2A-D1 RLDVRDAWC	120	>CDKN2A-D1 RLEVRDAWG	173	53
>CDKN2A-D1 RLDVRDAW	274	>CDKN2A-D1 RLEVRDAW	4151	3877
>CDKN2A-D1 RLDVRDAWC	92	>CDKN2A-D1 RLEVRDAWG	100	8
>CDKN2A-D1 RLDVRDAWC	293	>CDKN2A-D1 RLEVRDAWG	157	136
>CDKN2A-D1 ARLDVRDAW	89	>CDKN2A-D1 ARLEVRDAW	63	26
>CDKN2A-D1 ARLDVRDAW	117	>CDKN2A-D1 ARLEVRDAW	217	100
>CDKN2A-D1 GARLDVRDA'	604	>CDKN2A-D1 GARLEVRDA\	415	189
>CDKN2A-D1 GARLDVRDA'	457	>CDKN2A-D1 GARLEVRDA\	362	95
>CDKN2A-D1 AGARLDVRD,	289	>CDKN2A-D1 AGARLEVRD/	328	39
>CDKN2A-D1 RAGARLDVR	90	>CDKN2A-D1 RAGARLEVR	34	56
>CDKN2A-D1 HRAGARLDV	197	>CDKN2A-D1 HRAGARLEV	71	126
>CDKN2A-D1 HRAGARLDV	101	>CDKN2A-D1 HRAGARLEVF	73	28
>CDKN2A-D1 HRAGARLDV	813	>CDKN2A-D1 HRAGARLEV	206	607
>CDKN2A-D1 HRAGARLDV	1203	>CDKN2A-D1 HRAGARLEV	376	827
>CDKN2A-D1 VLHRAGARLL	2613	>CDKN2A-D1 VLHRAGARLE	358	2255
>CDKN2A-D1 VLHRAGARLL	1621	>CDKN2A-D1 VLHRAGARLE	266	1355
>CDKN2A-D1 VLHRAGARLL	77	>CDKN2A-D1 VLHRAGARLE	31	46
>CDKN2A-D1 VLHRAGARLL	36	>CDKN2A-D1 VLHRAGARLE	7	29
>CDKN2A-D1 VLHRAGARLL	346	>CDKN2A-D1 VLHRAGARLE	92	254
>CDKN2A-D1 VLHRAGARLL	33	>CDKN2A-D1 VLHRAGARLE	14	19
>CDKN2A-D1 VLHRAGARLL	1296	>CDKN2A-D1 VLHRAGARLE	342	954
>CDKN2A-D1 VLHRAGARLL	3	>CDKN2A-D1 VLHRAGARLE	2	1
>CDKN2A-D1 DVRDAWGRI	6104	>CDKN2A-D1 NVRDAWGRI	349	5755
>CDKN2A-D1 DVRDAWGRI	5947	>CDKN2A-D1 NVRDAWGRI	492	5455
>CDKN2A-D1 DVRDAWGRI	1480	>CDKN2A-D1 NVRDAWGRI	294	1186
>CDKN2A-D1 DVRDAWGRI	456	>CDKN2A-D1 NVRDAWGRI	2917	2461
>CDKN2A-D1 DVRDAWGRI	2164	>CDKN2A-D1 NVRDAWGRI	445	1719
>CDKN2A-D1 DVRDAWGRI	277	>CDKN2A-D1 NVRDAWGRI	40	237
>CDKN2A-D1 DVRDAWGR	17	>CDKN2A-D1 NVRDAWGR	64	47
>CDKN2A-D1 DVRDAWGR	62	>CDKN2A-D1 NVRDAWGR	79	17
>CDKN2A-D1 DVRDAWGRI	208	>CDKN2A-D1 NVRDAWGRI	91	117
>CDKN2A-D1 DVRDAWGRI	198	>CDKN2A-D1 NVRDAWGRI	170	28
>CDKN2A-D1 DVRDAWGRI	4619	>CDKN2A-D1 NVRDAWGRI	171	4448
>CDKN2A-D1 DVRDAWGRI	1968	>CDKN2A-D1 NVRDAWGRI	84	1884
>CDKN2A-D1 DVRDAWGR	1440	>CDKN2A-D1 NVRDAWGR	479	961
>CDKN2A-D1 LDVRDAWGF	477	>CDKN2A-D1 LNVRDAWGF	11769	11292
>CDKN2A-D1 RLDVRDAWC	802	>CDKN2A-D1 RLNVRDAWC	231	571
>CDKN2A-D1 RLDVRDAWC	3167	>CDKN2A-D1 RLNVRDAWC	176	2991
>CDKN2A-D1 RLDVRDAWC	122	>CDKN2A-D1 RLNVRDAWC	211	89

>CDKN2A-D1 RLDVRDAWC	227	>CDKN2A-D1 RLNVDAWC	623	396
>CDKN2A-D1 RLDVRDAWC	91	>CDKN2A-D1 RLNVDAWC	63	28
>CDKN2A-D1 RLDVRDAWC	120	>CDKN2A-D1 RLNVDAWC	28	92
>CDKN2A-D1 RLDVRDAW	874	>CDKN2A-D1 RLNVDAW	165	709
>CDKN2A-D1 RLDVRDAW	274	>CDKN2A-D1 RLNVDAW	60	214
>CDKN2A-D1 RLDVRDAWC	92	>CDKN2A-D1 RLNVDAWC	76	16
>CDKN2A-D1 RLDVRDAWC	293	>CDKN2A-D1 RLNVDAWC	132	161
>CDKN2A-D1 ARLDVRDAW	89	>CDKN2A-D1 ARLNVRDAW	51	38
>CDKN2A-D1 ARLDVRDAW	117	>CDKN2A-D1 ARLNVRDAW	79	38
>CDKN2A-D1 GARLDVRDA'	604	>CDKN2A-D1 GARLNVRDA'	301	303
>CDKN2A-D1 GARLDVRDA'	457	>CDKN2A-D1 GARLNVRDA'	437	20
>CDKN2A-D1 AGARLDVRD,	289	>CDKN2A-D1 AGARLNVRD,	405	116
>CDKN2A-D1 RAGARLDVR	90	>CDKN2A-D1 RAGARLNVR	28	62
>CDKN2A-D1 RAGARLDVR	670	>CDKN2A-D1 RAGARLNVR	392	278
>CDKN2A-D1 HRAGARLDV	197	>CDKN2A-D1 HRAGARLNV	60	137
>CDKN2A-D1 HRAGARLDV	101	>CDKN2A-D1 HRAGARLNV	60	41
>CDKN2A-D1 HRAGARLDV	633	>CDKN2A-D1 HRAGARLNV	359	274
>CDKN2A-D1 VLHRAGARL	1621	>CDKN2A-D1 VLHRAGARL	364	1257
>CDKN2A-D1 VLHRAGARL	77	>CDKN2A-D1 VLHRAGARL	27	50
>CDKN2A-D1 VLHRAGARL	36	>CDKN2A-D1 VLHRAGARL	12	24
>CDKN2A-D1 VLHRAGARL	346	>CDKN2A-D1 VLHRAGARL	132	214
>CDKN2A-D1 VLHRAGARL	33	>CDKN2A-D1 VLHRAGARL	18	15
>CDKN2A-D1 VLHRAGARL	1296	>CDKN2A-D1 VLHRAGARL	320	976
>CDKN2A-D1 VLHRAGARL	3	>CDKN2A-D1 VLHRAGARL	3	0
>CDKN2A-D1 VLHRAGARL	1719	>CDKN2A-D1 VLHRAGARL	494	1225
>CDKN2A-D1 DVRDAWGRI	4203	>CDKN2A-D1 VVRDAWGRI	222	3981
>CDKN2A-D1 DVRDAWGRI	6104	>CDKN2A-D1 VVRDAWGRI	179	5925
>CDKN2A-D1 DVRDAWGRI	5947	>CDKN2A-D1 VVRDAWGRI	229	5718
>CDKN2A-D1 DVRDAWGRI	1480	>CDKN2A-D1 VVRDAWGRI	16	1464
>CDKN2A-D1 DVRDAWGRI	456	>CDKN2A-D1 VVRDAWGRI	16421	15965
>CDKN2A-D1 DVRDAWGRI	2164	>CDKN2A-D1 VVRDAWGRI	61	2103
>CDKN2A-D1 DVRDAWGRI	277	>CDKN2A-D1 VVRDAWGRI	12	265
>CDKN2A-D1 DVRDAWGR	3061	>CDKN2A-D1 VVRDAWGR	218	2843
>CDKN2A-D1 DVRDAWGR	17	>CDKN2A-D1 VVRDAWGR	273	256
>CDKN2A-D1 DVRDAWGR	62	>CDKN2A-D1 VVRDAWGR	607	545
>CDKN2A-D1 DVRDAWGRI	208	>CDKN2A-D1 VVRDAWGRI	2240	2032
>CDKN2A-D1 DVRDAWGRI	198	>CDKN2A-D1 VVRDAWGRI	2867	2669
>CDKN2A-D1 DVRDAWGRI	4619	>CDKN2A-D1 VVRDAWGRI	94	4525
>CDKN2A-D1 DVRDAWGRI	1968	>CDKN2A-D1 VVRDAWGRI	58	1910
>CDKN2A-D1 DVRDAWGRI	7610	>CDKN2A-D1 VVRDAWGRI	163	7447
>CDKN2A-D1 DVRDAWGRI	6053	>CDKN2A-D1 VVRDAWGRI	389	5664
>CDKN2A-D1 LDVRDAWGF	26477	>CDKN2A-D1 LVVRDAWGR	377	26100
>CDKN2A-D1 LDVRDAWGF	26571	>CDKN2A-D1 LVVRDAWGR	338	26233

>CDKN2A-D1 LDVRDAWGF	5090	>CDKN2A-D1 LVVRDAWGR	51	5039
>CDKN2A-D1 LDVRDAWGF	477	>CDKN2A-D1 LVVRDAWGR	27014	26537
>CDKN2A-D1 VVLHRAGARI	29771	>CDKN2A-D1 VVLHRAGARI	144	29627
>CDKN2A-D1 VVLHRAGARI	30049	>CDKN2A-D1 VVLHRAGARI	247	29802
>CDKN2A-D1 VVLHRAGARI	36925	>CDKN2A-D1 VVLHRAGARI	224	36701
>CDKN2A-D1 RLDVRDAWC	802	>CDKN2A-D1 RLVVRDAWG	419	383
>CDKN2A-D1 RLDVRDAWC	3167	>CDKN2A-D1 RLVVRDAWG	387	2780
>CDKN2A-D1 RLDVRDAWC	122	>CDKN2A-D1 RLVVRDAWG	344	222
>CDKN2A-D1 RLDVRDAWC	227	>CDKN2A-D1 RLVVRDAWG	1006	779
>CDKN2A-D1 RLDVRDAWC	91	>CDKN2A-D1 RLVVRDAWG	71	20
>CDKN2A-D1 RLDVRDAWC	120	>CDKN2A-D1 RLVVRDAWG	43	77
>CDKN2A-D1 RLDVRDAW	874	>CDKN2A-D1 RLVVRDAW	331	543
>CDKN2A-D1 RLDVRDAW	2316	>CDKN2A-D1 RLVVRDAW	216	2100
>CDKN2A-D1 RLDVRDAWC	2610	>CDKN2A-D1 RLVVRDAWG	277	2333
>CDKN2A-D1 RLDVRDAW	274	>CDKN2A-D1 RLVVRDAW	86	188
>CDKN2A-D1 RLDVRDAWC	92	>CDKN2A-D1 RLVVRDAWG	84	8
>CDKN2A-D1 RLDVRDAWC	293	>CDKN2A-D1 RLVVRDAWG	78	215
>CDKN2A-D1 ARLDVRDAW	89	>CDKN2A-D1 ARLVVRDAW	52	37
>CDKN2A-D1 ARLDVRDAW	117	>CDKN2A-D1 ARLVVRDAW	127	10
>CDKN2A-D1 GARLDVRDA'	457	>CDKN2A-D1 GARLVVRDA\	286	171
>CDKN2A-D1 AGARLDVRD,	289	>CDKN2A-D1 AGARLVVRD,	196	93
>CDKN2A-D1 RAGARLDVVR	90	>CDKN2A-D1 RAGARLVVR	15	75
>CDKN2A-D1 RAGARLDVVR	670	>CDKN2A-D1 RAGARLVVR	127	543
>CDKN2A-D1 HRAGARLD	2391	>CDKN2A-D1 HRAGARLV	80	2311
>CDKN2A-D1 HRAGARLDV	197	>CDKN2A-D1 HRAGARLVV	72	125
>CDKN2A-D1 HRAGARLDVI	101	>CDKN2A-D1 HRAGARLVVI	54	47
>CDKN2A-D1 HRAGARLD	16188	>CDKN2A-D1 HRAGARLV	429	15759
>CDKN2A-D1 HRAGARLDV	813	>CDKN2A-D1 HRAGARLVV	29	784
>CDKN2A-D1 HRAGARLDV	1203	>CDKN2A-D1 HRAGARLVV	467	736
>CDKN2A-D1 HRAGARLDVI	633	>CDKN2A-D1 HRAGARLVVI	132	501
>CDKN2A-D1 VLHRAGARLI	24098	>CDKN2A-D1 VLHRAGARLV	163	23935
>CDKN2A-D1 VLHRAGARLI	77	>CDKN2A-D1 VLHRAGARLV	52	25
>CDKN2A-D1 VLHRAGARLI	18230	>CDKN2A-D1 VLHRAGARLV	7	18223
>CDKN2A-D1 VLHRAGARLI	36	>CDKN2A-D1 VLHRAGARLV	11	25
>CDKN2A-D1 VLHRAGARLI	27357	>CDKN2A-D1 VLHRAGARLV	88	27269
>CDKN2A-D1 VLHRAGARLI	346	>CDKN2A-D1 VLHRAGARLV	104	242
>CDKN2A-D1 VLHRAGARLI	23837	>CDKN2A-D1 VLHRAGARLV	37	23800
>CDKN2A-D1 VLHRAGARLI	33	>CDKN2A-D1 VLHRAGARLV	24	9
>CDKN2A-D1 VLHRAGARLI	27035	>CDKN2A-D1 VLHRAGARLV	438	26597
>CDKN2A-D1 VLHRAGARLI	1296	>CDKN2A-D1 VLHRAGARLV	418	878
>CDKN2A-D1 VLHRAGARLI	18275	>CDKN2A-D1 VLHRAGARLV	4	18271
>CDKN2A-D1 VLHRAGARLI	3	>CDKN2A-D1 VLHRAGARLV	4	1
>CDKN2A-D1 DAWGRLPV	10292	>CDKN2A-D1 HAWGRLPV	313	9979

>CDKN2A-D1 DAWGRLPV	2857	>CDKN2A-D1 HAWGRLPV	105	2752
>CDKN2A-D1 DAWGRLPV	2254	>CDKN2A-D1 HAWGRLPV	211	2043
>CDKN2A-D1 DAWGRLPV	2679	>CDKN2A-D1 HAWGRLPV	416	2263
>CDKN2A-D1 DAWGRLPV	1569	>CDKN2A-D1 HAWGRLPV	48	1521
>CDKN2A-D1 DAWGRLPV	260	>CDKN2A-D1 HAWGRLPV	114	146
>CDKN2A-D1 DAWGRLPV	24	>CDKN2A-D1 HAWGRLPV	26	2
>CDKN2A-D1 DAWGRLPVC	6860	>CDKN2A-D1 HAWGRLPVC	165	6695
>CDKN2A-D1 DAWGRLPVC	1724	>CDKN2A-D1 HAWGRLPVC	208	1516
>CDKN2A-D1 RDAWGRLPV	1704	>CDKN2A-D1 RHAWGRLPV	305	1399
>CDKN2A-D1 RDAWGRLPV	7146	>CDKN2A-D1 RHAWGRLPV	102	7044
>CDKN2A-D1 RDAWGRLPV	5323	>CDKN2A-D1 RHAWGRLPV	79	5244
>CDKN2A-D1 RDAWGRLPV	1306	>CDKN2A-D1 RHAWGRLPV	295	1011
>CDKN2A-D1 RDAWGRLPV	3527	>CDKN2A-D1 RHAWGRLPV	422	3105
>CDKN2A-D1 HRAGARLDVI	3219	>CDKN2A-D1 HRAGARLDVI	145	3074
>CDKN2A-D1 VRDAWGRLP	4203	>CDKN2A-D1 VRHAWGRLP	461	3742
>CDKN2A-D1 VRDAWGRL	2153	>CDKN2A-D1 VRHAWGRL	242	1911
>CDKN2A-D1 VRDAWGRLP	489	>CDKN2A-D1 VRHAWGRLP	828	339
>CDKN2A-D1 DVRDAWGRI	456	>CDKN2A-D1 DVRHAWGRI	3574	3118
>CDKN2A-D1 DVRDAWGRI	277	>CDKN2A-D1 DVRHAWGRI	164	113
>CDKN2A-D1 DVRDAWGR	17	>CDKN2A-D1 DVRHAWGR	16	1
>CDKN2A-D1 DVRDAWGR	62	>CDKN2A-D1 DVRHAWGR	106	44
>CDKN2A-D1 DVRDAWGRI	208	>CDKN2A-D1 DVRHAWGRI	273	65
>CDKN2A-D1 DVRDAWGRI	198	>CDKN2A-D1 DVRHAWGRI	761	563
>CDKN2A-D1 LDVRDAWGF	477	>CDKN2A-D1 LDVRHAWGF	427	50
>CDKN2A-D1 RLDVRDAWC	122	>CDKN2A-D1 RLDVRHAWC	74	48
>CDKN2A-D1 RLDVRDAWC	227	>CDKN2A-D1 RLDVRHAWC	390	163
>CDKN2A-D1 RLDVRDAWC	91	>CDKN2A-D1 RLDVRHAWC	102	11
>CDKN2A-D1 RLDVRDAWC	120	>CDKN2A-D1 RLDVRHAWC	56	64
>CDKN2A-D1 RLDVRDAW	874	>CDKN2A-D1 RLDVRHAW	447	427
>CDKN2A-D1 RLDVRDAW	274	>CDKN2A-D1 RLDVRHAW	97	177
>CDKN2A-D1 RLDVRDAWC	92	>CDKN2A-D1 RLDVRHAWC	123	31
>CDKN2A-D1 RLDVRDAWC	293	>CDKN2A-D1 RLDVRHAWC	239	54
>CDKN2A-D1 ARLDVRDA	2752	>CDKN2A-D1 ARLDVRHA	464	2288
>CDKN2A-D1 ARLDVRDAW	89	>CDKN2A-D1 ARLDVRHAW	48	41
>CDKN2A-D1 ARLDVRDAW	117	>CDKN2A-D1 ARLDVRHAW	1809	1692
>CDKN2A-D1 GARLDVRDA'	604	>CDKN2A-D1 GARLDVRHA'	132	472
>CDKN2A-D1 GARLDVRDA'	457	>CDKN2A-D1 GARLDVRHA'	129	328
>CDKN2A-D1 AGARLDVRD,	289	>CDKN2A-D1 AGARLDVRH,	96	193
>CDKN2A-D1 DAWGRLPV	10292	>CDKN2A-D1 NAWGRLPV	478	9814
>CDKN2A-D1 DAWGRLPV	2857	>CDKN2A-D1 NAWGRLPV	127	2730
>CDKN2A-D1 DAWGRLPV	2254	>CDKN2A-D1 NAWGRLPV	359	1895
>CDKN2A-D1 DAWGRLPV	1569	>CDKN2A-D1 NAWGRLPV	280	1289
>CDKN2A-D1 DAWGRLPV	260	>CDKN2A-D1 NAWGRLPV	121	139

>CDKN2A-D1 DAWGRLPV	24	>CDKN2A-D1 NAWGRLPV	20	4
>CDKN2A-D1 RDAWGRLPV	1704	>CDKN2A-D1 RNAWGRLPV	327	1377
>CDKN2A-D1 RDAWGRLPV	1306	>CDKN2A-D1 RNAWGRLPV	364	942
>CDKN2A-D1 VRDAWGRL	2153	>CDKN2A-D1 VRNAWGRL	300	1853
>CDKN2A-D1 VRDAWGRLP	489	>CDKN2A-D1 VRNAWGRLP	1323	834
>CDKN2A-D1 DVRDAWGRI	456	>CDKN2A-D1 DVRNAWGRI	1440	984
>CDKN2A-D1 DVRDAWGRI	277	>CDKN2A-D1 DVRNAWGRI	211	66
>CDKN2A-D1 DVRDAWGRI	17	>CDKN2A-D1 DVRNAWGRI	19	2
>CDKN2A-D1 DVRDAWGRI	62	>CDKN2A-D1 DVRNAWGRI	69	7
>CDKN2A-D1 DVRDAWGRI	208	>CDKN2A-D1 DVRNAWGRI	554	346
>CDKN2A-D1 DVRDAWGRI	198	>CDKN2A-D1 DVRNAWGRI	543	345
>CDKN2A-D1 LDVRDAWGF	477	>CDKN2A-D1 LDVRNAWGF	435	42
>CDKN2A-D1 RLDVRDAWC	122	>CDKN2A-D1 RLDVRNAWC	91	31
>CDKN2A-D1 RLDVRDAWC	227	>CDKN2A-D1 RLDVRNAWC	311	84
>CDKN2A-D1 RLDVRDAWC	91	>CDKN2A-D1 RLDVRNAWC	103	12
>CDKN2A-D1 RLDVRDAWC	120	>CDKN2A-D1 RLDVRNAWC	49	71
>CDKN2A-D1 RLDVRDAW	874	>CDKN2A-D1 RLDVRNAW	487	387
>CDKN2A-D1 RLDVRDAW	274	>CDKN2A-D1 RLDVRNAW	479	205
>CDKN2A-D1 RLDVRDAWC	92	>CDKN2A-D1 RLDVRNAWC	125	33
>CDKN2A-D1 RLDVRDAWC	293	>CDKN2A-D1 RLDVRNAWC	216	77
>CDKN2A-D1 ARLDVRDAW	89	>CDKN2A-D1 ARLDVRNAW	79	10
>CDKN2A-D1 ARLDVRDAW	117	>CDKN2A-D1 ARLDVRNAW	1296	1179
>CDKN2A-D1 GARLDVRDA'	604	>CDKN2A-D1 GARLDVRNA'	401	203
>CDKN2A-D1 GARLDVRDA'	457	>CDKN2A-D1 GARLDVRNA'	371	86
>CDKN2A-D1 AGARLDVRD,	289	>CDKN2A-D1 AGARLDVRN,	372	83
>CDKN2A-D1 DAWGRLPV	10292	>CDKN2A-D1 YAWGRLPV	18	10274
>CDKN2A-D1 DAWGRLPVD	19603	>CDKN2A-D1 YAWGRLPVD	173	19430
>CDKN2A-D1 DAWGRLPV	11822	>CDKN2A-D1 YAWGRLPV	298	11524
>CDKN2A-D1 DAWGRLPV	2857	>CDKN2A-D1 YAWGRLPV	11	2846
>CDKN2A-D1 DAWGRLPVD	14639	>CDKN2A-D1 YAWGRLPVD	73	14566
>CDKN2A-D1 DAWGRLPV	2254	>CDKN2A-D1 YAWGRLPV	8	2246
>CDKN2A-D1 DAWGRLPVD	14504	>CDKN2A-D1 YAWGRLPVD	138	14366
>CDKN2A-D1 DAWGRLPVD	15338	>CDKN2A-D1 YAWGRLPVD	131	15207
>CDKN2A-D1 DAWGRLPV	13390	>CDKN2A-D1 YAWGRLPV	243	13147
>CDKN2A-D1 DAWGRLPV	2679	>CDKN2A-D1 YAWGRLPV	21	2658
>CDKN2A-D1 DAWGRLPVD	12591	>CDKN2A-D1 YAWGRLPVD	371	12220
>CDKN2A-D1 DAWGRLPV	4368	>CDKN2A-D1 YAWGRLPV	172	4196
>CDKN2A-D1 DAWGRLPV	1569	>CDKN2A-D1 YAWGRLPV	5	1564
>CDKN2A-D1 DAWGRLPVD	13647	>CDKN2A-D1 YAWGRLPVD	70	13577
>CDKN2A-D1 DAWGRLPVD	23427	>CDKN2A-D1 YAWGRLPVD	391	23036
>CDKN2A-D1 DAWGRLPV	260	>CDKN2A-D1 YAWGRLPV	155	105
>CDKN2A-D1 DAWGRLPV	24	>CDKN2A-D1 YAWGRLPV	14	10
>CDKN2A-D1 DAWGRLPV	13569	>CDKN2A-D1 YAWGRLPV	328	13241

>CDKN2A-D1 DAWGRLPV	13377	>CDKN2A-D1 YAWGRLPV	310	13067
>CDKN2A-D1 DAWGRLPVD	6860	>CDKN2A-D1 YAWGRLPVD	70	6790
>CDKN2A-D1 DAWGRLPV	3780	>CDKN2A-D1 YAWGRLPV	395	3385
>CDKN2A-D1 DAWGRLPV	8075	>CDKN2A-D1 YAWGRLPV	343	7732
>CDKN2A-D1 DAWGRLPVD	1724	>CDKN2A-D1 YAWGRLPVD	74	1650
>CDKN2A-D1 RDAWGRLPV	32665	>CDKN2A-D1 RYAWGRLPV	190	32475
>CDKN2A-D1 RDAWGRLPV	28385	>CDKN2A-D1 RYAWGRLPV	171	28214
>CDKN2A-D1 RDAWGRLPV	14973	>CDKN2A-D1 RYAWGRLPV	318	14655
>CDKN2A-D1 RDAWGRLPV	26870	>CDKN2A-D1 RYAWGRLPV	481	26389
>CDKN2A-D1 RDAWGRLPV	21256	>CDKN2A-D1 RYAWGRLPV	147	21109
>CDKN2A-D1 RDAWGRLPV	24457	>CDKN2A-D1 RYAWGRLPV	148	24309
>CDKN2A-D1 RDAWGRLPV	23481	>CDKN2A-D1 RYAWGRLPV	8	23473
>CDKN2A-D1 RDAWGRLPV	12037	>CDKN2A-D1 RYAWGRLPV	129	11908
>CDKN2A-D1 RDAWGRLPV	5350	>CDKN2A-D1 RYAWGRLPV	279	5071
>CDKN2A-D1 RDAWGRLP	28403	>CDKN2A-D1 RYAWGRLP	151	28252
>CDKN2A-D1 RDAWGRLPV	14644	>CDKN2A-D1 RYAWGRLPV	40	14604
>CDKN2A-D1 RDAWGRLPV	21486	>CDKN2A-D1 RYAWGRLPV	70	21416
>CDKN2A-D1 HRAGARLDVI	3219	>CDKN2A-D1 HRAGARLDVI	66	3153
>CDKN2A-D1 HRAGARLDVI	37049	>CDKN2A-D1 HRAGARLDVI	385	36664
>CDKN2A-D1 VRDAWGRL	4493	>CDKN2A-D1 VRYAWGRL	149	4344
>CDKN2A-D1 VRDAWGRLP	4203	>CDKN2A-D1 VRYAWGRLP	133	4070
>CDKN2A-D1 VRDAWGRL	2153	>CDKN2A-D1 VRYAWGRL	84	2069
>CDKN2A-D1 VRDAWGRLP	1516	>CDKN2A-D1 VRYAWGRLP	110	1406
>CDKN2A-D1 VRDAWGRLP	489	>CDKN2A-D1 VRYAWGRLP	348	141
>CDKN2A-D1 VRDAWGRL	2993	>CDKN2A-D1 VRYAWGRL	469	2524
>CDKN2A-D1 VRDAWGRLP	1175	>CDKN2A-D1 VRYAWGRLP	292	883
>CDKN2A-D1 DVRDAWGRL	456	>CDKN2A-D1 DVRYAWGRL	2792	2336
>CDKN2A-D1 DVRDAWGRL	277	>CDKN2A-D1 DVRYAWGRL	187	90
>CDKN2A-D1 DVRDAWGR	17	>CDKN2A-D1 DVRYAWGR	12	5
>CDKN2A-D1 DVRDAWGR	62	>CDKN2A-D1 DVRYAWGR	36	26
>CDKN2A-D1 DVRDAWGRL	208	>CDKN2A-D1 DVRYAWGRL	186	22
>CDKN2A-D1 DVRDAWGRL	198	>CDKN2A-D1 DVRYAWGRL	648	450
>CDKN2A-D1 LDVRDAWGF	477	>CDKN2A-D1 LDVRYAWGR	288	189
>CDKN2A-D1 RLDVRDAWG	122	>CDKN2A-D1 RLDVRYAWG	86	36
>CDKN2A-D1 RLDVRDAWG	227	>CDKN2A-D1 RLDVRYAWG	295	68
>CDKN2A-D1 RLDVRDAWG	91	>CDKN2A-D1 RLDVRYAWG	111	20
>CDKN2A-D1 RLDVRDAWG	120	>CDKN2A-D1 RLDVRYAWG	31	89
>CDKN2A-D1 RLDVRDAW	874	>CDKN2A-D1 RLDVRYAW	248	626
>CDKN2A-D1 RLDVRDAW	274	>CDKN2A-D1 RLDVRYAW	118	156
>CDKN2A-D1 RLDVRDAWG	92	>CDKN2A-D1 RLDVRYAWG	65	27
>CDKN2A-D1 RLDVRDAWG	293	>CDKN2A-D1 RLDVRYAWG	245	48
>CDKN2A-D1 ARLDVRDAW	89	>CDKN2A-D1 ARLDVRYAW	41	48
>CDKN2A-D1 ARLDVRDAW	117	>CDKN2A-D1 ARLDVRYAW	468	351

>CDKN2A-D1 GARLDVRD	20791	>CDKN2A-D1 GARLDVRY	54	20737
>CDKN2A-D1 GARLDVRDA'	604	>CDKN2A-D1 GARLDVRYA\	199	405
>CDKN2A-D1 GARLDVRDA'	457	>CDKN2A-D1 GARLDVRYA\	136	321
>CDKN2A-D1 AGARLDVRD,	289	>CDKN2A-D1 AGARLDVRY/	141	148
>CDKN2A-D1 AGARLDVRD	37377	>CDKN2A-D1 AGARLDVRY	366	37011
>CDKN2A-D1 RAGARLDVRI	30130	>CDKN2A-D1 RAGARLDVRY\	236	29894
>CDKN2A-D1 RAGARLDVRI	27005	>CDKN2A-D1 RAGARLDVRY\	148	26857
>CDKN2A-D1 RAGARLDVRI	22975	>CDKN2A-D1 RAGARLDVRY\	447	22528
>CDKN2A-D1 RAGARLDVRI	15651	>CDKN2A-D1 RAGARLDVRY\	48	15603
>CDKN2A-D1 RAGARLDVRI	20390	>CDKN2A-D1 RAGARLDVRY\	395	19995
>CDKN2A-D1 DLAEELGHRC	2266	>CDKN2A-D1 NLAEEELGHRC	113	2153
>CDKN2A-D1 DLAEELGHRC	582	>CDKN2A-D1 NLAEEELGHRC	17	565
>CDKN2A-D1 DLAEELGHRC	265	>CDKN2A-D1 NLAEEELGHRC	43	222
>CDKN2A-D1 DLAEELGHRC	1496	>CDKN2A-D1 NLAEEELGHRC	120	1376
>CDKN2A-D1 DLAEELGHRC	185	>CDKN2A-D1 NLAEEELGHRC	73	112
>CDKN2A-D1 DLAEELGHRC	418	>CDKN2A-D1 NLAEEELGHRC	121	297
>CDKN2A-D1 DLAEELGHRC	27	>CDKN2A-D1 NLAEEELGHRC	8	19
>CDKN2A-D1 DLAEELGHR	124	>CDKN2A-D1 NLAEEELGHR	712	588
>CDKN2A-D1 DLAEELGHR	182	>CDKN2A-D1 NLAEEELGHR	213	31
>CDKN2A-D1 LPVDLAEEL	1254	>CDKN2A-D1 LPVNLAEEEL	84	1170
>CDKN2A-D1 LPVDLAEEL	414	>CDKN2A-D1 LPVNLAEEEL	484	70
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>CDKN2A-D1 LPVDLAEELG	86	>CDKN2A-D1 LPVNLAEEELG	128	42
>CDKN2A-D1 LPVDLAEEL	407	>CDKN2A-D1 LPVNLAEEEL	1072	665
>CDKN2A-D1 LPVDLAEEL	52	>CDKN2A-D1 LPVNLAEEEL	60	8
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>CDKN2A-D1 RLPVDLAEEL	99	>CDKN2A-D1 RLPVNLAEEEL	204	105
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>CDKN2A-D1 RLPVDLAEEL	165	>CDKN2A-D1 RLPVNLAEEEL	112	53
>CDKN2A-D1 RLPVDLAEEL	125	>CDKN2A-D1 RLPVNLAEEEL	164	39
>CDKN2A-D1 RLPVDLAEEL	391	>CDKN2A-D1 RLPVNLAEEEL	427	36
>CDKN2A-D1 RLPVDLAEEL	15	>CDKN2A-D1 RLPVNLAEEEL	15	0
>CDKN2A-D1 RLPVDLAEEL	1004	>CDKN2A-D1 RLPVNLAEEEL	465	539
>CDKN2A-D1 RLPVDLAEEL	693	>CDKN2A-D1 RLPVNLAEEEL	410	283
>CDKN2A-D1 GRLPVDLAE	202	>CDKN2A-D1 GRLPVNLAEE	127	75
>CDKN2A-D1 GRLPVDLAE	194	>CDKN2A-D1 GRLPVNLAEE	119	75
>CDKN2A-D1 GRLPVDLAE	29	>CDKN2A-D1 GRLPVNLAEE	17	12
>CDKN2A-D1 AWGRLPVDL	474	>CDKN2A-D1 AWGRLPVNL	243	231
>CDKN2A-D1 AWGRLPVDL	403	>CDKN2A-D1 AWGRLPVNL	405	2
>CDKN2A-D1 AWGRLPVDL	156	>CDKN2A-D1 AWGRLPVNL	77	79
>CDKN2A-D1 DAWGRLPVD	2258	>CDKN2A-D1 DAWGRLPVM	411	1847
>CDKN2A-D1 DLAEELGHRC	2266	>CDKN2A-D1 VLAEEELGHRC	82	2184
>CDKN2A-D1 DLAEELGHRC	582	>CDKN2A-D1 VLAEEELGHRC	9	573

>CDKN2A-D1 DLAEELGHRC	6103	>CDKN2A-D1 VLAEEELGHRD	290	5813
>CDKN2A-D1 DLAEELGHRC	265	>CDKN2A-D1 VLAEEELGHRD	7	258
>CDKN2A-D1 DLAEELGHRC	1496	>CDKN2A-D1 VLAEEELGHRD	50	1446
>CDKN2A-D1 DLAEELGHRC	185	>CDKN2A-D1 VLAEEELGHRD	15	170
>CDKN2A-D1 DLAEELGHRC	418	>CDKN2A-D1 VLAEEELGHRD	39	379
>CDKN2A-D1 DLAEELGHRC	27	>CDKN2A-D1 VLAEEELGHRD	3	24
>CDKN2A-D1 DLAEELGHR	124	>CDKN2A-D1 VLAEEELGHR	2685	2561
>CDKN2A-D1 DLAEELGHR	182	>CDKN2A-D1 VLAEEELGHR	1265	1083
>CDKN2A-D1 LPVDLAEEL	414	>CDKN2A-D1 LPVVLAEEEL	650	236
>CDKN2A-D1 LPVDLAEEL	42	>CDKN2A-D1 LPVVLAEEEL	103	61
>CDKN2A-D1 LPVDLAEELG	86	>CDKN2A-D1 LPVVLAEEELG	174	88
>CDKN2A-D1 LPVDLAEEL	407	>CDKN2A-D1 LPVVLAEEEL	572	165
>CDKN2A-D1 LPVDLAEEL	52	>CDKN2A-D1 LPVVLAEEEL	57	5
>CDKN2A-D1 LPVDLAEEL	86	>CDKN2A-D1 LPVVLAEEEL	116	30
>CDKN2A-D1 RLPVDLAEEL	99	>CDKN2A-D1 RLPVVLAEEEL	152	53
>CDKN2A-D1 RLPVDLAEEL	38	>CDKN2A-D1 RLPVVLAEEEL	21	17
>CDKN2A-D1 RLPVDLAEEL	165	>CDKN2A-D1 RLPVVLAEEEL	324	159
>CDKN2A-D1 RLPVDLAEEL	125	>CDKN2A-D1 RLPVVLAEEEL	62	63
>CDKN2A-D1 RLPVDLAEEL	391	>CDKN2A-D1 RLPVVLAEEEL	958	567
>CDKN2A-D1 RLPVDLAEEL	15	>CDKN2A-D1 RLPVVLAEEEL	23	8
>CDKN2A-D1 RLPVDLAEEL	1004	>CDKN2A-D1 RLPVVLAEEEL	321	683
>CDKN2A-D1 RLPVDLAEEL	693	>CDKN2A-D1 RLPVVLAEEEL	231	462
>CDKN2A-D1 GRLPVDLA	1631	>CDKN2A-D1 GRLPVVLA	451	1180
>CDKN2A-D1 GRLPVDLAE	202	>CDKN2A-D1 GRLPVVLAEE	96	106
>CDKN2A-D1 GRLPVDLAE	194	>CDKN2A-D1 GRLPVVLAEE	90	104
>CDKN2A-D1 GRLPVDLAE	29	>CDKN2A-D1 GRLPVVLAEE	12	17
>CDKN2A-D1 AWGRLPVDL	474	>CDKN2A-D1 AWGRLPVVL	207	267
>CDKN2A-D1 AWGRLPVD	1579	>CDKN2A-D1 AWGRLPVV	413	1166
>CDKN2A-D1 AWGRLPVDL	403	>CDKN2A-D1 AWGRLPVVL	288	115
>CDKN2A-D1 AWGRLPVDL	156	>CDKN2A-D1 AWGRLPVVL	117	39
>CDKN2A-D1 DAWGRLPVC	37176	>CDKN2A-D1 DAWGRLPVV	375	36801
>CDKN2A-D1 DAWGRLPVC	19933	>CDKN2A-D1 DAWGRLPVV	76	19857
>CDKN2A-D1 DLAEELGHRC	9217	>CDKN2A-D1 YLAEELGHRD	70	9147
>CDKN2A-D1 DLAEELGHRC	2266	>CDKN2A-D1 YLAEELGHRD	13	2253
>CDKN2A-D1 DLAEELGHRC	582	>CDKN2A-D1 YLAEELGHRD	3	579
>CDKN2A-D1 DLAEELGHRC	6103	>CDKN2A-D1 YLAEELGHRD	46	6057
>CDKN2A-D1 DLAEELGHRC	18888	>CDKN2A-D1 YLAEELGHRD	406	18482
>CDKN2A-D1 DLAEELGHRC	265	>CDKN2A-D1 YLAEELGHRD	3	262
>CDKN2A-D1 DLAEELGHRC	1496	>CDKN2A-D1 YLAEELGHRD	10	1486
>CDKN2A-D1 DLAEELGHRC	185	>CDKN2A-D1 YLAEELGHRD	7	178
>CDKN2A-D1 DLAEELGHRC	418	>CDKN2A-D1 YLAEELGHRD	8	410
>CDKN2A-D1 DLAEELGHRC	20394	>CDKN2A-D1 YLAEELGHRD	173	20221
>CDKN2A-D1 DLAEELGHRC	27	>CDKN2A-D1 YLAEELGHRD	2	25



>CDKN2A-D1 DLAEELGHR	124	>CDKN2A-D1 YLAEELGHR	824	700
>CDKN2A-D1 DLAEELGHR	182	>CDKN2A-D1 YLAEELGHR	110	72
>CDKN2A-D1 VDLAEELGHR	3305	>CDKN2A-D1 VYLAEELGHR	45	3260
>CDKN2A-D1 VRDAWGRLP	30181	>CDKN2A-D1 VRDAWGRLP	477	29704
>CDKN2A-D1 LPVDLAEEL	1254	>CDKN2A-D1 LPVYLAEEL	344	910
>CDKN2A-D1 LPVDLAEEL	414	>CDKN2A-D1 LPVYLAEEL	436	22
>CDKN2A-D1 LPVDLAEEL	42	>CDKN2A-D1 LPVYLAEEL	56	14
>CDKN2A-D1 LPVDLAEELG	86	>CDKN2A-D1 LPVYLAEELG	127	41
>CDKN2A-D1 LPVDLAEEL	407	>CDKN2A-D1 LPVYLAEEL	603	196
>CDKN2A-D1 LPVDLAEEL	52	>CDKN2A-D1 LPVYLAEEL	53	1
>CDKN2A-D1 LPVDLAEELG	2239	>CDKN2A-D1 LPVYLAEELG	455	1784
>CDKN2A-D1 LPVDLAEEL	86	>CDKN2A-D1 LPVYLAEEL	109	23
>CDKN2A-D1 RLPVDLAEEL	99	>CDKN2A-D1 RLPVYLAEEL	103	4
>CDKN2A-D1 RLPVDLAEEL	38	>CDKN2A-D1 RLPVYLAEEL	24	14
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>CDKN2A-D1 RLPVDLAEEL	125	>CDKN2A-D1 RLPVYLAEEL	176	51
>CDKN2A-D1 RLPVDLAEEL	391	>CDKN2A-D1 RLPVYLAEEL	839	448
>CDKN2A-D1 RLPVDLAEEL	15	>CDKN2A-D1 RLPVYLAEEL	19	4
>CDKN2A-D1 RLPVDLAEEL	693	>CDKN2A-D1 RLPVYLAEEL	147	546
>CDKN2A-D1 GRLPVDLA	1631	>CDKN2A-D1 GRLPVYLA	398	1233
>CDKN2A-D1 GRLPVDLAE	202	>CDKN2A-D1 GRLPVYLAEE	115	87
>CDKN2A-D1 GRLPVDLAE	194	>CDKN2A-D1 GRLPVYLAEE	87	107
>CDKN2A-D1 GRLPVDLAE	29	>CDKN2A-D1 GRLPVYLAEE	13	16
>CDKN2A-D1 AWGRLPVDL	474	>CDKN2A-D1 AWGRLPVYL	85	389
>CDKN2A-D1 AWGRLPVD	26810	>CDKN2A-D1 AWGRLPVY	297	26513
>CDKN2A-D1 AWGRLPVDL	403	>CDKN2A-D1 AWGRLPVYL	85	318
>CDKN2A-D1 AWGRLPVDL	156	>CDKN2A-D1 AWGRLPVYL	41	115
>CDKN2A-D1 AWGRLPVDL	765	>CDKN2A-D1 AWGRLPVYL	497	268
>CDKN2A-D1 DAWGRLPVC	28986	>CDKN2A-D1 DAWGRLPVY	90	28896
>CDKN2A-D1 DAWGRLPVC	2258	>CDKN2A-D1 DAWGRLPVY	176	2082
>CDKN2A-D1 DAWGRLPVC	20426	>CDKN2A-D1 DAWGRLPVY	75	20351
>CDKN2A-D1 DVARYLRAA	1041	>CDKN2A-D1 EVARYLRAA	193	848
>CDKN2A-D1 DVARYLRAA/	1865	>CDKN2A-D1 EVARYLRAAA	399	1466
>CDKN2A-D1 DVARYLRA	514	>CDKN2A-D1 EVARYLRA	52	462
>CDKN2A-D1 DVARYLRAA	1129	>CDKN2A-D1 EVARYLRAA	92	1037
>CDKN2A-D1 DVARYLRAA/	376	>CDKN2A-D1 EVARYLRAAA	83	293
>CDKN2A-D1 DVARYLRA	1927	>CDKN2A-D1 EVARYLRA	324	1603
>CDKN2A-D1 DVARYLRAA	1540	>CDKN2A-D1 EVARYLRAA	256	1284
>CDKN2A-D1 DVARYLRAA/	877	>CDKN2A-D1 EVARYLRAAA	137	740
>CDKN2A-D1 RDVARYLR	243	>CDKN2A-D1 REVARYLR	86	157
>CDKN2A-D1 RDVARYLRA	2821	>CDKN2A-D1 REVARYLRA	178	2643
>CDKN2A-D1 RDVARYLRA/	18394	>CDKN2A-D1 REVARYLRAA	154	18240
>CDKN2A-D1 RDVARYLRA/	1219	>CDKN2A-D1 REVARYLRAA	137	1082

>CDKN2A-D1 RDVARYLRA	9828	>CDKN2A-D1 REVARYLRA	28	9800
>CDKN2A-D1 RDVARYLRA/	2040	>CDKN2A-D1 REVARYLRAA	87	1953
>CDKN2A-D1 RDVARYLRA/	5128	>CDKN2A-D1 REVARYLRAA	14	5114
>CDKN2A-D1 RDVARYLRA	12469	>CDKN2A-D1 REVARYLRA	364	12105
>CDKN2A-D1 RDVARYLRA/	11129	>CDKN2A-D1 REVARYLRAA	230	10899
>CDKN2A-D1 RDVARYLR	79	>CDKN2A-D1 REVARYLR	33	46
>CDKN2A-D1 HRDVARYLR	203	>CDKN2A-D1 HREVARYLR	318	115
>CDKN2A-D1 HRDVARYLR/	122	>CDKN2A-D1 HREVARYLRA	140	18
>CDKN2A-D1 HRDVARYL	175	>CDKN2A-D1 HREVARYL	338	163
>CDKN2A-D1 HRDVARYL	870	>CDKN2A-D1 HREVARYL	264	606
>CDKN2A-D1 HRDVARYLR	370	>CDKN2A-D1 HREVARYLR	148	222
>CDKN2A-D1 GHRDVARYLF	282	>CDKN2A-D1 GHREVARYLF	458	176
>CDKN2A-D1 LGHRDVARY	415	>CDKN2A-D1 LGHREVARY	679	264
>CDKN2A-D1 LGHRDVARYL	152	>CDKN2A-D1 LGHREVARYL	183	31
>CDKN2A-D1 LGHRDVARY	409	>CDKN2A-D1 LGHREVARY	472	63
>CDKN2A-D1 ELGHRDVAR)	382	>CDKN2A-D1 ELGHREVARY	303	79
>CDKN2A-D1 ELGHRDVAR)	477	>CDKN2A-D1 ELGHREVARY	496	19
>CDKN2A-D1 ELGHRDVAR)	274	>CDKN2A-D1 ELGHREVARY	344	70
>CDKN2A-D1 ELGHRDVAR)	413	>CDKN2A-D1 ELGHREVARY	437	24
>CDKN2A-D1 ELGHRDVAR	85	>CDKN2A-D1 ELGHREVAR	78	7
>CDKN2A-D1 ELGHRDVAR	153	>CDKN2A-D1 ELGHREVAR	182	29
>CDKN2A-D1 ELGHRDVAR	188	>CDKN2A-D1 ELGHREVAR	356	168
>CDKN2A-D1 EELGHRDV	193	>CDKN2A-D1 EELGHREV	336	143
>CDKN2A-D1 EELGHRDVA/	86	>CDKN2A-D1 EELGHREVAR	119	33
>CDKN2A-D1 EELGHRDVA/	177	>CDKN2A-D1 EELGHREVAR	130	47
>CDKN2A-D1 EELGHRDV	1576	>CDKN2A-D1 EELGHREV	449	1127
>CDKN2A-D1 EELGHRDVA/	121	>CDKN2A-D1 EELGHREVAR	117	4
>CDKN2A-D1 EELGHRDV	54	>CDKN2A-D1 EELGHREV	30	24
>CDKN2A-D1 EELGHRDVA	10	>CDKN2A-D1 EELGHREVA	9	1
>CDKN2A-D1 EELGHRDVA/	471	>CDKN2A-D1 EELGHREVAR	649	178
>CDKN2A-D1 AEELGHRDV	408	>CDKN2A-D1 AEELGHREV	210	198
>CDKN2A-D1 AEELGHRDV	1462	>CDKN2A-D1 AEELGHREV	444	1018
>CDKN2A-D1 AEELGHRDV	29	>CDKN2A-D1 AEELGHREV	17	12
>CDKN2A-D1 AEELGHRDV/	39	>CDKN2A-D1 AEELGHREVA	42	3
>CDKN2A-D1 AEELGHRDV/	846	>CDKN2A-D1 AEELGHREVA	497	349
>CDKN2A-D1 AEELGHRDV	336	>CDKN2A-D1 AEELGHREV	324	12
>CDKN2A-D1 LAEELGHRDV	1178	>CDKN2A-D1 LAEELGHREV	379	799
>CDKN2A-D1 DLAEELGHRE	582	>CDKN2A-D1 DLAEELGHRE	265	317
>CDKN2A-D1 DLAEELGHRE	265	>CDKN2A-D1 DLAEELGHRE	36	229
>CDKN2A-D1 DLAEELGHRE	1496	>CDKN2A-D1 DLAEELGHRE	482	1014
>CDKN2A-D1 DLAEELGHRE	185	>CDKN2A-D1 DLAEELGHRE	58	127
>CDKN2A-D1 DLAEELGHRE	418	>CDKN2A-D1 DLAEELGHRE	71	347
>CDKN2A-D1 DLAEELGHRE	27	>CDKN2A-D1 DLAEELGHRE	11	16

>CDKN2A-D1 DLAEELGHRE	1031	>CDKN2A-D1 DLAEELGHRE	195	836
>CDKN2A-D1 DVARYLRAA	5383	>CDKN2A-D1 NVARYLRAA	211	5172
>CDKN2A-D1 DVARYLRA	514	>CDKN2A-D1 NVARYLRA	208	306
>CDKN2A-D1 DVARYLRAA	1129	>CDKN2A-D1 NVARYLRAA	455	674
>CDKN2A-D1 DVARYLRAA/	376	>CDKN2A-D1 NVARYLRAA/	185	191
>CDKN2A-D1 RDVARYLR	243	>CDKN2A-D1 RNVARYLR	25	218
>CDKN2A-D1 RDVARYLR	79	>CDKN2A-D1 RNVARYLR	32	47
>CDKN2A-D1 HRDVARYLR	4848	>CDKN2A-D1 HRNVARYLR	260	4588
>CDKN2A-D1 HRDVARYL	531	>CDKN2A-D1 HRNVARYL	75	456
>CDKN2A-D1 HRDVARYLR	203	>CDKN2A-D1 HRNVARYLR	37	166
>CDKN2A-D1 HRDVARYLR/	122	>CDKN2A-D1 HRNVARYLR/	57	65
>CDKN2A-D1 HRDVARYLR/	1859	>CDKN2A-D1 HRNVARYLR/	307	1552
>CDKN2A-D1 HRDVARYL	175	>CDKN2A-D1 HRNVARYL	485	310
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>CDKN2A-D1 HRDVARYLR	370	>CDKN2A-D1 HRNVARYLR	120	250
>CDKN2A-D1 GHRDVARYLI	282	>CDKN2A-D1 GHRNVARYLI	256	26
>CDKN2A-D1 LGHRDVARY	415	>CDKN2A-D1 LGHRNVARY	419	4
>CDKN2A-D1 LGHRDVAR	1027	>CDKN2A-D1 LGHRNVAR	363	664
>CDKN2A-D1 LGHRDVARYI	152	>CDKN2A-D1 LGHRNVARYI	74	78
>CDKN2A-D1 LGHRDVARYI	745	>CDKN2A-D1 LGHRNVARYI	467	278
>CDKN2A-D1 LGHRDVARY	409	>CDKN2A-D1 LGHRNVARY	322	87
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>CDKN2A-D1 ELGHRDVAR\	382	>CDKN2A-D1 ELGHRNVAR\	324	58
>CDKN2A-D1 ELGHRDVAR\	477	>CDKN2A-D1 ELGHRNVAR\	653	176
>CDKN2A-D1 ELGHRDVAR\	274	>CDKN2A-D1 ELGHRNVAR\	301	27
>CDKN2A-D1 ELGHRDVAR\	413	>CDKN2A-D1 ELGHRNVAR\	290	123
>CDKN2A-D1 ELGHRDVAR	85	>CDKN2A-D1 ELGHRNVAR	58	27
>CDKN2A-D1 ELGHRDVAR	153	>CDKN2A-D1 ELGHRNVAR	122	31
>CDKN2A-D1 ELGHRDVAR	188	>CDKN2A-D1 ELGHRNVAR	156	32
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>CDKN2A-D1 EELGHRDVAF	86	>CDKN2A-D1 EELGHRNVAF	107	21
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>CDKN2A-D1 EELGHRDVA	10	>CDKN2A-D1 EELGHRNVA	9	1
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>CDKN2A-D1 AEELGHRDV	29	>CDKN2A-D1 AEELGHRNV	32	3
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>CDKN2A-D1 AEELGHRDV	336	>CDKN2A-D1 AEELGHRNV	337	1
>CDKN2A-D1 DLAEELGHRE	582	>CDKN2A-D1 DLAEELGHRN	222	360
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>CDKN2A-D1 DLAEELGHRC	27	>CDKN2A-D1 DLAEELGHRN	17	10
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>CDKN2A-D1 HARIDAAEGF	330	>CDKN2A-D1 HARIEAAEGP	211	119
>CDKN2A-D1 GSNHARIDA	1815	>CDKN2A-D1 GSNHARIEA	415	1400
>CDKN2A-D1 DWLATAAAR	119	>CDKN2A-D1 EWLATAAAR	372	253
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>CDKN2A-D1 MEPSADWLA	596	>CDKN2A-D1 MEPSAEWLA	465	131
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>CDKN2A-D1 ARIDAAEGPS	14419	>CDKN2A-D1 ARIDAAEGPS	49	14370
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>CDKN2A-D1 DAAEGPSDI	715	>CDKN2A-D1 DAAEGPSYI	32	683
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>CDKN2A-D1 RIDAAEGPSD	1341	>CDKN2A-D1 RIDAAEGPSY\	52	1289
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>CDKN2A-D1 RIDAAEGPSD	26375	>CDKN2A-D1 RIDAAEGPSY	297	26078
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>CDKN2A-D7 ADPATLTRPV	6131	>CDKN2A-D7 AEPATLTRPV	135	5996
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>CDKN2A-D7 CADPATLTR	353	>CDKN2A-D7 CAEPATLTR	173	180
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>CDKN2A-D7 EPNCADPA	43	>CDKN2A-D7 EPNCAEPA	90	47
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>CDKN2A-D7 AEPNCADPA	65	>CDKN2A-D7 AEPNCAEPAT	57	8
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>CDKN2A-D7 DPATLTRPV	485	>CDKN2A-D7 NPATLTRPV	204	281
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>CDKN2A-D7 DPATLTRPV	149	>CDKN2A-D7 NPATLTRPV	17	132
>CDKN2A-D7 DPATLTRPV	668	>CDKN2A-D7 NPATLTRPV	379	289
>CDKN2A-D7 DPATLTRPV	1104	>CDKN2A-D7 NPATLTRPV	202	902
>CDKN2A-D7 DPATLTRPV	3427	>CDKN2A-D7 NPATLTRPV	498	2929
>CDKN2A-D7 ADPATLTRPV	498	>CDKN2A-D7 ANPATLTRPV	15095	14597
>CDKN2A-D7 CADPATLTR	4860	>CDKN2A-D7 CANPATLTR	386	4474
>CDKN2A-D7 CADPATLTR	353	>CDKN2A-D7 CANPATLTR	69	284
>CDKN2A-D7 CADPATLTRP	1765	>CDKN2A-D7 CANPATLTRP	68	1697
>CDKN2A-D7 CADPATLTR	941	>CDKN2A-D7 CANPATLTR	354	587
>CDKN2A-D7 NCADPATLTF	284	>CDKN2A-D7 NCANPATLTF	376	92
>CDKN2A-D7 NCADPATL	475	>CDKN2A-D7 NCANPATL	1024	549
>CDKN2A-D7 NCADPATLTF	233	>CDKN2A-D7 NCANPATLTF	500	267
>CDKN2A-D7 EPNCADPATL	353	>CDKN2A-D7 EPNCANPATL	214	139



>CDKN2A-D7 EPNCADPATL	949	>CDKN2A-D7 EPNCANPATL	237	712
>CDKN2A-D7 EPNCADPA	53	>CDKN2A-D7 EPNCANPA	89	36
>CDKN2A-D7 EPNCADPAT	16	>CDKN2A-D7 EPNCANPAT	30	14
>CDKN2A-D7 EPNCADPATL	279	>CDKN2A-D7 EPNCANPATL	504	225
>CDKN2A-D7 EPNCADPATL	753	>CDKN2A-D7 EPNCANPATL	273	480
>CDKN2A-D7 EPNCADPA	43	>CDKN2A-D7 EPNCANPA	25	18
>CDKN2A-D7 EPNCADPAT	371	>CDKN2A-D7 EPNCANPAT	284	87
>CDKN2A-D7 AEPNCADPA`	183	>CDKN2A-D7 AEPNCANPA`	259	76
>CDKN2A-D7 AEPNCADPA	209	>CDKN2A-D7 AEPNCANPA	131	78
>CDKN2A-D7 AEPNCADPA`	507	>CDKN2A-D7 AEPNCANPA`	413	94
>CDKN2A-D7 AEPNCADPA`	849	>CDKN2A-D7 AEPNCANPA`	489	360
>CDKN2A-D7 AEPNCADPA	480	>CDKN2A-D7 AEPNCANPA	476	4
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>CDKN2A-D7 AEPNCADPA`	65	>CDKN2A-D7 AEPNCANPA`	60	5
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>CDKN2A-D7 DPATLTRPV	485	>CDKN2A-D7 VPATLTRPV	4397	3912
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>CDKN2A-D7 DPATLTRPV	149	>CDKN2A-D7 VPATLTRPV	17	132
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>CDKN2A-D7 ADPATLTRPV	11743	>CDKN2A-D7 AVPATLTRPV	97	11646
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>CDKN2A-D7 ADPATLTRPV	18488	>CDKN2A-D7 AVPATLTRPV	67	18421
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>CDKN2A-D7 ADPATLTRPV	15831	>CDKN2A-D7 AVPATLTRPV	372	15459
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>CDKN2A-D7 LLHGAEPNCA	23473	>CDKN2A-D7 LLHGAEPNCA	77	23396
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>CDKN2A-D7 LLHGAEPNCA	25143	>CDKN2A-D7 LLHGAEPNCA	127	25016
>CDKN2A-D7 LLHGAEPNCA	5484	>CDKN2A-D7 LLHGAEPNCA	2	5482
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>CDKN2A-D7 LLHGAEPNCA	17152	>CDKN2A-D7 LLHGAEPNCA	8	17144
>CDKN2A-D7 LLHGAEPNCA	23871	>CDKN2A-D7 LLHGAEPNCA	12	23859
>CDKN2A-D7 LLHGAEPNCA	3479	>CDKN2A-D7 LLHGAEPNCA	2	3477
>CDKN2A-D7 CADPATLTRP	712	>CDKN2A-D7 CAVPATLTRP	373	339
>CDKN2A-D7 CADPATLTR	353	>CDKN2A-D7 CAVPATLTR	34	319
>CDKN2A-D7 CADPATLTRP	1765	>CDKN2A-D7 CAVPATLTRP	40	1725
>CDKN2A-D7 CADPATLTR	941	>CDKN2A-D7 CAVPATLTR	163	778
>CDKN2A-D7 NCADPATLTF	284	>CDKN2A-D7 NCAVPATLTR	364	80
>CDKN2A-D7 NCADPATL	475	>CDKN2A-D7 NCAVPATL	876	401
>CDKN2A-D7 NCADPATLTF	233	>CDKN2A-D7 NCAVPATLTR	758	525
>CDKN2A-D7 EPNCADPATL	353	>CDKN2A-D7 EPNCAVPATL	234	119

>CDKN2A-D7 EPNCADPATL	949	>CDKN2A-D7 EPNCAVPATL	205	744
>CDKN2A-D7 EPNCADPA	53	>CDKN2A-D7 EPNCAVPA	67	14
>CDKN2A-D7 EPNCADPAT	16	>CDKN2A-D7 EPNCAVPAT	28	12
>CDKN2A-D7 EPNCADPATL	958	>CDKN2A-D7 EPNCAVPATL	475	483
>CDKN2A-D7 EPNCADPATL	279	>CDKN2A-D7 EPNCAVPATL	496	217
>CDKN2A-D7 EPNCADPATL	753	>CDKN2A-D7 EPNCAVPATL	218	535
>CDKN2A-D7 EPNCADPA	43	>CDKN2A-D7 EPNCAVPA	30	13
>CDKN2A-D7 EPNCADPAT	371	>CDKN2A-D7 EPNCAVPAT	290	81
>CDKN2A-D7 AEPNCADPA	183	>CDKN2A-D7 AEPNCAVPA	130	53
>CDKN2A-D7 AEPNCADPA	209	>CDKN2A-D7 AEPNCAVPA	164	45
>CDKN2A-D7 AEPNCADPA	507	>CDKN2A-D7 AEPNCAVPA	343	164
>CDKN2A-D7 AEPNCADPA	480	>CDKN2A-D7 AEPNCAVPA	234	246
>CDKN2A-D7 AEPNCADPA	230	>CDKN2A-D7 AEPNCAVPA	218	12
>CDKN2A-D7 AEPNCADPA	609	>CDKN2A-D7 AEPNCAVPA	370	239
>CDKN2A-D7 AEPNCADPA	65	>CDKN2A-D7 AEPNCAVPA	40	25
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>CDKN2A-D7 HGAEPNCAD	272	>CDKN2A-D7 HGAEPNCAV	174	98
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>CDKN2A-D7 DPATLTRPV	485	>CDKN2A-D7 YPATLTRPV	288	197
>CDKN2A-D7 DPATLTRPV	197	>CDKN2A-D7 YPATLTRPV	111	86
>CDKN2A-D7 DPATLTRPV	149	>CDKN2A-D7 YPATLTRPV	11	138
>CDKN2A-D7 DPATLTRPV	668	>CDKN2A-D7 YPATLTRPV	45	623
>CDKN2A-D7 DPATLTRPV	8572	>CDKN2A-D7 YPATLTRPV	285	8287
>CDKN2A-D7 DPATLTRPV	1104	>CDKN2A-D7 YPATLTRPV	20	1084
>CDKN2A-D7 DPATLTRPV	3427	>CDKN2A-D7 YPATLTRPV	127	3300
>CDKN2A-D7 ADPATLTRPV	18578	>CDKN2A-D7 AYPATLTRPV	387	18191
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>CDKN2A-D7 ADPATLTR	16483	>CDKN2A-D7 AYPATLTR	451	16032
>CDKN2A-D7 ADPATLTR	6460	>CDKN2A-D7 AYPATLTR	53	6407
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>CDKN2A-D7 LLHGAEPNCA	3479	>CDKN2A-D7 LLHGAEPNCA	340	3139
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>CDKN2A-D7 LLHGAEPNCA	33861	>CDKN2A-D7 LLHGAEPNCA	328	33533
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>CDKN2A-D7 LLHGAEPNCA	20475	>CDKN2A-D7 LLHGAEPNCA	61	20414
>CDKN2A-D7 LLHGAEPNCA	22880	>CDKN2A-D7 LLHGAEPNCA	187	22693
>CDKN2A-D7 LLHGAEPNCA	23204	>CDKN2A-D7 LLHGAEPNCA	200	23004
>CDKN2A-D7 CADPATLTRP	10559	>CDKN2A-D7 CAYPATLTRP	280	10279
>CDKN2A-D7 CADPATLTRP	4483	>CDKN2A-D7 CAYPATLTRP	190	4293
>CDKN2A-D7 CADPATLTRP	712	>CDKN2A-D7 CAYPATLTRP	264	448
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>CDKN2A-D7 CADPATLTR	4860	>CDKN2A-D7 CAYPATLTR	305	4555

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>CDKN2A-D7 CADPATLTRP	1765	>CDKN2A-D7 CAYPATLTRP'	43	1722
>CDKN2A-D7 CADPATLTRP	585	>CDKN2A-D7 CAYPATLTRP'	178	407
>CDKN2A-D7 CADPATLTR	941	>CDKN2A-D7 CAYPATLTR	82	859
>CDKN2A-D7 CADPATLTRP	1402	>CDKN2A-D7 CAYPATLTRP'	115	1287
>CDKN2A-D7 NCADPATLTF	284	>CDKN2A-D7 NCAYPATLTR	198	86
>CDKN2A-D7 NCADPATL	475	>CDKN2A-D7 NCAYPATL	359	116
>CDKN2A-D7 NCADPATLTF	233	>CDKN2A-D7 NCAYPATLTR	515	282
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>CDKN2A-D7 EPNCADPA	2059	>CDKN2A-D7 EPNCAYPA	485	1574
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>CDKN2A-D7 EPNCADPATL	949	>CDKN2A-D7 EPNCAYPATL	156	793
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>CDKN2A-D7 EPNCADPATL	958	>CDKN2A-D7 EPNCAYPATL	434	524
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>CDKN2A-D7 EPNCADPA	43	>CDKN2A-D7 EPNCAYPA	16	27
>CDKN2A-D7 EPNCADPAT	371	>CDKN2A-D7 EPNCAYPAT	81	290
>CDKN2A-D7 AEPNCADPA`	183	>CDKN2A-D7 AEPNCAYPAT	175	8
>CDKN2A-D7 AEPNCADPA	209	>CDKN2A-D7 AEPNCAYPA	52	157
>CDKN2A-D7 AEPNCADPA`	507	>CDKN2A-D7 AEPNCAYPAT	174	333
>CDKN2A-D7 AEPNCADPA`	849	>CDKN2A-D7 AEPNCAYPAT	274	575
>CDKN2A-D7 AEPNCADPA	480	>CDKN2A-D7 AEPNCAYPA	120	360
>CDKN2A-D7 AEPNCADPA`	230	>CDKN2A-D7 AEPNCAYPAT	116	114
>CDKN2A-D7 AEPNCADPA	609	>CDKN2A-D7 AEPNCAYPA	412	197
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>CDKN2A-D7 GAEPNCAD	25450	>CDKN2A-D7 GAEPNCAY	135	25315
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>CDKN2A-D7 HGAEPNCAD	272	>CDKN2A-D7 HGAEPNCAYI	88	184
>CDKN2A-D7 HGAEPNCAD	20083	>CDKN2A-D7 HGAEPNCAY	227	19856
>CDKN2A-D7 HGAEPNCAD	23631	>CDKN2A-D7 HGAEPNCAY	57	23574
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>CDKN2A-D7 LHGAEPNCAI	24843	>CDKN2A-D7 LHGAEPNCAI	236	24607
>CDKN2A-D8 HDAAREGFL	169	>CDKN2A-D8 HGAAREGFL	17380	17211
>CDKN2A-D8 RPVHDAAREG	1609	>CDKN2A-D8 RPVHGAAREG	298	1311
>CDKN2A-D8 RPVHDAAREG	58	>CDKN2A-D8 RPVHGAAREG	29	29
>CDKN2A-D8 RPVHDAAREG	287	>CDKN2A-D8 RPVHGAAREG	303	16
>CDKN2A-D8 RPVHDAAREG	112	>CDKN2A-D8 RPVHGAAREG	121	9
>CDKN2A-D8 RPVHDAAR	319	>CDKN2A-D8 RPVHGAAR	507	188
>CDKN2A-D8 LTRPVHDA	48	>CDKN2A-D8 LTRPVHGA	20	28
>CDKN2A-D8 LTRPVHDA	24	>CDKN2A-D8 LTRPVHGAA	8	16

>CDKN2A-D8 LTRPVHDAAF	56	>CDKN2A-D8 LTRPVHGAAF	19	37
>CDKN2A-D8 LTRPVHDAAF	107	>CDKN2A-D8 LTRPVHGAAF	50	57
>CDKN2A-D8 LTRPVHDAAF	1201	>CDKN2A-D8 LTRPVHGAAF	458	743
>CDKN2A-D8 LTRPVHDAAF	47	>CDKN2A-D8 LTRPVHGAAF	41	6
>CDKN2A-D8 LTRPVHDAAF	827	>CDKN2A-D8 LTRPVHGAAF	356	471
>CDKN2A-D8 LTRPVHDAA	583	>CDKN2A-D8 LTRPVHGAA	244	339
>CDKN2A-D8 LTRPVHDAAF	583	>CDKN2A-D8 LTRPVHGAAF	322	261
>CDKN2A-D8 TLTRPVHDA	660	>CDKN2A-D8 TLTRPVHGA	116	544
>CDKN2A-D8 TLTRPVHDAF	611	>CDKN2A-D8 TLTRPVHGAA	190	421
>CDKN2A-D8 TLTRPVHDA	722	>CDKN2A-D8 TLTRPVHGA	40	682
>CDKN2A-D8 TLTRPVHDAF	280	>CDKN2A-D8 TLTRPVHGAA	245	35
>CDKN2A-D8 TLTRPVHDA	2123	>CDKN2A-D8 TLTRPVHGA	246	1877
>CDKN2A-D8 TLTRPVHDA	694	>CDKN2A-D8 TLTRPVHGA	176	518
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>CDKN2A-D8 TLTRPVHDAF	159	>CDKN2A-D8 TLTRPVHGAA	103	56
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>CDKN2A-D8 ATLTRPVHDA	506	>CDKN2A-D8 ATLTRPVHGAA	114	392
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>CDKN2A-D8 HDAAREGFL	12589	>CDKN2A-D8 HHAAREGFL	160	12429
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>CDKN2A-D8 HDAAREGFL	169	>CDKN2A-D8 HHAAREGFL	20466	20297
>CDKN2A-D8 VHDAAREGFI	3491	>CDKN2A-D8 VHHAAREGFI	416	3075
>CDKN2A-D8 VHDAAREGF	2616	>CDKN2A-D8 VHHAAREGF	147	2469
>CDKN2A-D8 RPHVHDAAR	2840	>CDKN2A-D8 RPHVHHAAR	377	2463
>CDKN2A-D8 RPHVHDAAREG	58	>CDKN2A-D8 RPHVHHAAREG	23	35
>CDKN2A-D8 RPHVHDAAREG	287	>CDKN2A-D8 RPHVHHAAREG	206	81
>CDKN2A-D8 RPHVHDAAREG	112	>CDKN2A-D8 RPHVHHAAREG	105	7
>CDKN2A-D8 RPHVHDAAR	319	>CDKN2A-D8 RPHVHHAAR	168	151
>CDKN2A-D8 LTRPVHDA	48	>CDKN2A-D8 LTRPVHHA	10	38
>CDKN2A-D8 LTRPVHDAA	24	>CDKN2A-D8 LTRPVHHAA	6	18
>CDKN2A-D8 LTRPVHDAAF	56	>CDKN2A-D8 LTRPVHHAAF	9	47
>CDKN2A-D8 LTRPVHDAAF	107	>CDKN2A-D8 LTRPVHHAAF	26	81
>CDKN2A-D8 LTRPVHDAAF	1201	>CDKN2A-D8 LTRPVHHAAF	219	982
>CDKN2A-D8 LTRPVHDAAF	47	>CDKN2A-D8 LTRPVHHAAF	88	41
>CDKN2A-D8 LTRPVHDAAF	827	>CDKN2A-D8 LTRPVHHAAF	390	437
>CDKN2A-D8 TLTRPVHDA	660	>CDKN2A-D8 TLTRPVHHA	242	418
>CDKN2A-D8 TLTRPVHDAF	611	>CDKN2A-D8 TLTRPVHHA	270	341
>CDKN2A-D8 TLTRPVHDA	722	>CDKN2A-D8 TLTRPVHHA	106	616
>CDKN2A-D8 TLTRPVHDAF	280	>CDKN2A-D8 TLTRPVHHA	67	213

>CDKN2A-D8 TLTRPVHDA	2123	>CDKN2A-D8 TLTRPVHHA	415	1708
>CDKN2A-D8 TLTRPVHDAF	1975	>CDKN2A-D8 TLTRPVHHA	494	1481
>CDKN2A-D8 TLTRPVHDA	694	>CDKN2A-D8 TLTRPVHHA	114	580
>CDKN2A-D8 TLTRPVHDAF	1048	>CDKN2A-D8 TLTRPVHHA	371	677
>CDKN2A-D8 TLTRPVHDA	12	>CDKN2A-D8 TLTRPVHHA	7	5
>CDKN2A-D8 TLTRPVHDAF	88	>CDKN2A-D8 TLTRPVHHA	8	80
>CDKN2A-D8 TLTRPVHDAF	159	>CDKN2A-D8 TLTRPVHHA	38	121
>CDKN2A-D8 TLTRPVHDAF	411	>CDKN2A-D8 TLTRPVHHA	154	257
>CDKN2A-D8 TLTRPVHDAF	68	>CDKN2A-D8 TLTRPVHHA	57	11
>CDKN2A-D8 ATLRPVHDA	970	>CDKN2A-D8 ATLRPVHHA	132	838
>CDKN2A-D8 ATLRPVHDA	506	>CDKN2A-D8 ATLRPVHHA	78	428
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>CDKN2A-D8 HDAAREGFL	169	>CDKN2A-D8 HNAAREGFL	8738	8569
>CDKN2A-D8 VHDAAREGF	2616	>CDKN2A-D8 VHNAAREGF	266	2350
>CDKN2A-D8 RPVHDAAREG	1609	>CDKN2A-D8 RPVHNAAREG	325	1284
>CDKN2A-D8 RPVHDAAREG	58	>CDKN2A-D8 RPVHNAAREG	33	25
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>CDKN2A-D8 RPVHDAAREG	112	>CDKN2A-D8 RPVHNAAREG	148	36
>CDKN2A-D8 RPVHDAAR	319	>CDKN2A-D8 RPVHNAAR	160	159
>CDKN2A-D8 LTRPVHDA	48	>CDKN2A-D8 LTRPVHNA	11	37
>CDKN2A-D8 LTRPVHDAF	24	>CDKN2A-D8 LTRPVHNA	6	18
>CDKN2A-D8 LTRPVHDAAF	56	>CDKN2A-D8 LTRPVHNAAF	12	44
>CDKN2A-D8 LTRPVHDAAF	107	>CDKN2A-D8 LTRPVHNAAF	46	61
>CDKN2A-D8 LTRPVHDAAF	47	>CDKN2A-D8 LTRPVHNAAF	38	9
>CDKN2A-D8 LTRPVHDAF	583	>CDKN2A-D8 LTRPVHNA	219	364
>CDKN2A-D8 TLTRPVHDA	660	>CDKN2A-D8 TLTRPVHNA	161	499
>CDKN2A-D8 TLTRPVHDAF	611	>CDKN2A-D8 TLTRPVHNA	333	278
>CDKN2A-D8 TLTRPVHDA	722	>CDKN2A-D8 TLTRPVHNA	116	606
>CDKN2A-D8 TLTRPVHDAF	280	>CDKN2A-D8 TLTRPVHNA	282	2
>CDKN2A-D8 TLTRPVHDA	694	>CDKN2A-D8 TLTRPVHNA	276	418
>CDKN2A-D8 TLTRPVHDA	12	>CDKN2A-D8 TLTRPVHNA	7	5
>CDKN2A-D8 TLTRPVHDAF	88	>CDKN2A-D8 TLTRPVHNA	48	40
>CDKN2A-D8 TLTRPVHDAF	159	>CDKN2A-D8 TLTRPVHNA	69	90
>CDKN2A-D8 TLTRPVHDAF	411	>CDKN2A-D8 TLTRPVHNA	238	173
>CDKN2A-D8 TLTRPVHDAF	68	>CDKN2A-D8 TLTRPVHNA	56	12
>CDKN2A-D8 ATLRPVHDA	970	>CDKN2A-D8 ATLRPVHNA	188	782
>CDKN2A-D8 ATLRPVHDA	506	>CDKN2A-D8 ATLRPVHNA	71	435
>CDKN2A-D8 HDAAREGFL	10837	>CDKN2A-D8 HVAAREGFL	232	10605
>CDKN2A-D8 HDAAREGF	27475	>CDKN2A-D8 HVAAREGF	380	27095
>CDKN2A-D8 HDAAREGFL	12873	>CDKN2A-D8 HVAAREGFL	49	12824
>CDKN2A-D8 HDAAREGFL	169	>CDKN2A-D8 HVAAREGFL	23176	23007
>CDKN2A-D8 VHDAAREGF	2616	>CDKN2A-D8 VHVAAREGF	225	2391
>CDKN2A-D8 RPVHDAAREG	58	>CDKN2A-D8 RPVHVAAREG	47	11

>CDKN2A-D8 RPVHDAAREC	287	>CDKN2A-D8 RPVHVAAREC	385	98
>CDKN2A-D8 RPVHDAAREC	112	>CDKN2A-D8 RPVHVAAREC	117	5
>CDKN2A-D8 RPVHDAAR	319	>CDKN2A-D8 RPVHVAAR	327	8
>CDKN2A-D8 LTRPVHDA	48	>CDKN2A-D8 LTRPVHVA	14	34
>CDKN2A-D8 LTRPVHDAA	24	>CDKN2A-D8 LTRPVHVAA	6	18
>CDKN2A-D8 LTRPVHDAAF	56	>CDKN2A-D8 LTRPVHVAAF	14	42
>CDKN2A-D8 LTRPVHDAAF	107	>CDKN2A-D8 LTRPVHVAAF	39	68
>CDKN2A-D8 LTRPVHDAAF	47	>CDKN2A-D8 LTRPVHVAAF	62	15
>CDKN2A-D8 LTRPVHDAAF	583	>CDKN2A-D8 LTRPVHVAAF	400	183
>CDKN2A-D8 TLTRPVHD	25070	>CDKN2A-D8 TLTRPVHV	283	24787
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>CDKN2A-D8 TLTRPVHD	22947	>CDKN2A-D8 TLTRPVHV	52	22895
>CDKN2A-D8 TLTRPVHDA	660	>CDKN2A-D8 TLTRPVHVA	392	268
>CDKN2A-D8 TLTRPVHDAF	611	>CDKN2A-D8 TLTRPVHVAA	312	299
>CDKN2A-D8 TLTRPVHD	29446	>CDKN2A-D8 TLTRPVHV	341	29105
>CDKN2A-D8 TLTRPVHD	18414	>CDKN2A-D8 TLTRPVHV	10	18404
>CDKN2A-D8 TLTRPVHDA	722	>CDKN2A-D8 TLTRPVHVA	119	603
>CDKN2A-D8 TLTRPVHDAF	280	>CDKN2A-D8 TLTRPVHVAA	128	152
>CDKN2A-D8 TLTRPVHD	24583	>CDKN2A-D8 TLTRPVHV	20	24563
>CDKN2A-D8 TLTRPVHD	20401	>CDKN2A-D8 TLTRPVHV	11	20390
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>CDKN2A-D8 TLTRPVHD	26945	>CDKN2A-D8 TLTRPVHV	103	26842
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>CDKN2A-D8 TLTRPVHDAF	68	>CDKN2A-D8 TLTRPVHVAA	65	3
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>CDKN2A-D8 ATLTRPVHD	30466	>CDKN2A-D8 ATLTRPVHV	388	30078
>CDKN2A-D8 ATLTRPVHD	28622	>CDKN2A-D8 ATLTRPVHV	77	28545
>CDKN2A-D8 ATLTRPVHD	23578	>CDKN2A-D8 ATLTRPVHV	113	23465
>CDKN2A-D8 ATLTRPVHD	37121	>CDKN2A-D8 ATLTRPVHV	245	36876
>CDKN2A-D8 ATLTRPVHD	4280	>CDKN2A-D8 ATLTRPVHV	181	4099
>CDKN2A-D8 ATLTRPVHDA	970	>CDKN2A-D8 ATLTRPVHVA	275	695
>CDKN2A-D8 ATLTRPVHDA	506	>CDKN2A-D8 ATLTRPVHVA	74	432
>CDKN2A-D8 DAAREGFL	17702	>CDKN2A-D8 YAAREGFL	194	17508
>CDKN2A-D8 DAAREGFLDT	9852	>CDKN2A-D8 YAAREGFLDT	61	9791
>CDKN2A-D8 DAAREGFL	22976	>CDKN2A-D8 YAAREGFL	453	22523
>CDKN2A-D8 DAAREGFLDT	14351	>CDKN2A-D8 YAAREGFLDT	63	14288
>CDKN2A-D8 DAAREGFLDT	20255	>CDKN2A-D8 YAAREGFLDT	489	19766
>CDKN2A-D8 DAAREGFLDT	20863	>CDKN2A-D8 YAAREGFLDT	378	20485
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>CDKN2A-D8 DAAREGFLDT	2929	>CDKN2A-D8 YAAREGFLDT	255	2674
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>CDKN2A-D8 HDAAREGFL	11350	>CDKN2A-D8 HYAAREGFL	14	11336
>CDKN2A-D8 HDAAREGF	26181	>CDKN2A-D8 HYAAREGF	450	25731
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>CDKN2A-D8 HDAAREGFL	25112	>CDKN2A-D8 HYAAREGFL	18	25094
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>CDKN2A-D8 DPATLTRPVH	11825	>CDKN2A-D8 DPATLTRPVH	77	11748
>CDKN2A-D8 VHDAAREGFI	3491	>CDKN2A-D8 VHYAAREGFL	396	3095
>CDKN2A-D8 VHDAAREGF	2616	>CDKN2A-D8 VHYAAREGF	39	2577
>CDKN2A-D8 VHDAAREGF	6711	>CDKN2A-D8 VHYAAREGF	302	6409
>CDKN2A-D8 RPHVHDAAR	2840	>CDKN2A-D8 RPHVHYAAR	298	2542
>CDKN2A-D8 RPHVHDAAREC	58	>CDKN2A-D8 RPHVHYAAREC	34	24
>CDKN2A-D8 RPHVHDAAREC	287	>CDKN2A-D8 RPHVHYAAREC	155	132
>CDKN2A-D8 RPHVHDAAREC	112	>CDKN2A-D8 RPHVHYAAREC	123	11
>CDKN2A-D8 RPHVHDAAR	319	>CDKN2A-D8 RPHVHYAAR	178	141
>CDKN2A-D8 LTRPVHDA	48	>CDKN2A-D8 LTRPVHYA	7	41
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>CDKN2A-D8 LTRPVHDAAF	56	>CDKN2A-D8 LTRPVHYAAR	11	45
>CDKN2A-D8 LTRPVHDAAF	107	>CDKN2A-D8 LTRPVHYAAR	25	82
>CDKN2A-D8 LTRPVHDAAF	1201	>CDKN2A-D8 LTRPVHYAAR	261	940
>CDKN2A-D8 LTRPVHDAAF	47	>CDKN2A-D8 LTRPVHYAAR	47	0
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>CDKN2A-D8 TLTRPVHDA	611	>CDKN2A-D8 TLTRPVHYA	359	252
>CDKN2A-D8 TLTRPVHDA	722	>CDKN2A-D8 TLTRPVHYA	10	712
>CDKN2A-D8 TLTRPVHDA	280	>CDKN2A-D8 TLTRPVHYA	42	238
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>CDKN2A-D8 TLTRPVHD	34624	>CDKN2A-D8 TLTRPVHY	435	34189
>CDKN2A-D8 TLTRPVHD	25827	>CDKN2A-D8 TLTRPVHY	206	25621
>CDKN2A-D8 TLTRPVHDA	159	>CDKN2A-D8 TLTRPVHYA	33	126
>CDKN2A-D8 TLTRPVHDA	411	>CDKN2A-D8 TLTRPVHYA	165	246
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>CDKN2A-D8 ATLTRPVHDA	4800	>CDKN2A-D8 ATLTRPVHYA	159	4641
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>CDKN2A-D8 ATLTRPVHD	24073	>CDKN2A-D8 ATLTRPVHY	104	23969
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>CDKN2A-D8 ATLTRPVHDA	970	>CDKN2A-D8 ATLTRPVHYA	64	906
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>CDKN2A-D9 DTLVVLHRA	178	>CDKN2A-D9 NTLVVLHRA	77	101
>CDKN2A-D9 DTLVVLHRAC	197	>CDKN2A-D9 NTLVVLHRAC	87	110
>CDKN2A-D9 DTLVVLHRA	46	>CDKN2A-D9 NTLVVLHRA	44	2
>CDKN2A-D9 DTLVVLHRAC	65	>CDKN2A-D9 NTLVVLHRAC	62	3
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>CDKN2A-D9 FLDTLVVLHR,	9	>CDKN2A-D9 FLNTLVVLHR,	17	8
>CDKN2A-D9 FLDTLVVL	7	>CDKN2A-D9 FLNTLVVL	10	3
>CDKN2A-D9 FLDTLVVLHR,	8	>CDKN2A-D9 FLNTLVVLHR,	14	6
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>CDKN2A-D9 GFLDTLVV	221	>CDKN2A-D9 GFLNTLVV	1299	1078
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>CDKN2A-D9 REGFLDTLV	208	>CDKN2A-D9 REGFLNTLV	117	91
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>CDKN2A-D9 AAREGFLDTL	620	>CDKN2A-D9 AAREGFLNTL	292	328
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>CDKN2A-E1 EELGHRDVAF	471	>CDKN2A-E1 QELGHRDVA	305	166
>CDKN2A-E1 AEELGHRDV	408	>CDKN2A-E1 AQELGHRDV	11745	11337
>CDKN2A-E1 AEELGHRDV	29	>CDKN2A-E1 AQELGHRDV	4368	4339
>CDKN2A-E1 AEELGHRDV	39	>CDKN2A-E1 AQELGHRDV	3109	3070
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>CDKN2A-E1 LAEELGHR	1077	>CDKN2A-E1 LAQELGHR	200	877
>CDKN2A-E1 LAEELGHR	1617	>CDKN2A-E1 LAQELGHR	453	1164
>CDKN2A-E1 DLAEELGHRC	265	>CDKN2A-E1 DLAQELGHRI	1435	1170
>CDKN2A-E1 DLAEELGHRC	185	>CDKN2A-E1 DLAQELGHRI	635	450
>CDKN2A-E1 DLAEELGHRC	418	>CDKN2A-E1 DLAQELGHRI	2042	1624
>CDKN2A-E1 DLAEELGHRC	27	>CDKN2A-E1 DLAQELGHRI	55	28
>CDKN2A-E1 DLAEELGHR	124	>CDKN2A-E1 DLAQELGHR	292	168
>CDKN2A-E1 DLAEELGHR	182	>CDKN2A-E1 DLAQELGHR	280	98
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>CDKN2A-E1 LPVDLAEEL	42	>CDKN2A-E1 LPVDLAQEL	32	10
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>CDKN2A-E1 RLPVDLAEEL	38	>CDKN2A-E1 RLPVDLAQEL	41	3
>CDKN2A-E1 RLPVDLAEEL	165	>CDKN2A-E1 RLPVDLAQEL	144	21
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>CDKN2A-E1 RLPVDLAEEL	15	>CDKN2A-E1 RLPVDLAQEL	10	5
>CDKN2A-E1 GRLPVDLAE	202	>CDKN2A-E1 GRLPVDLAE	205	3
>CDKN2A-E1 GRLPVDLAE	194	>CDKN2A-E1 GRLPVDLAE	184	10
>CDKN2A-E1 GRLPVDLAE	29	>CDKN2A-E1 GRLPVDLAE	19	10
>CDKN2A-E1 ELGHRDVAR	1533	>CDKN2A-E1 ALGHRDVAR	101	1432
>CDKN2A-E1 ELGHRDVAR	382	>CDKN2A-E1 ALGHRDVAR	37	345
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>CDKN2A-E1 ELGHRDVAR	1150	>CDKN2A-E1 ALGHRDVAR	109	1041
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>CDKN2A-E1 ELGHRDVAR	477	>CDKN2A-E1 ALGHRDVAR	21	456
>CDKN2A-E1 ELGHRDVAR	274	>CDKN2A-E1 ALGHRDVAR	2205	1931
>CDKN2A-E1 ELGHRDVAR	413	>CDKN2A-E1 ALGHRDVAR	174	239
>CDKN2A-E1 ELGHRDVAR	3615	>CDKN2A-E1 ALGHRDVAR	168	3447
>CDKN2A-E1 ELGHRDVAR	85	>CDKN2A-E1 ALGHRDVAR	2360	2275

>CDKN2A-E1 ELGHRDVAR	153	>CDKN2A-E1 ALGHRDVAR	5525	5372
>CDKN2A-E1 ELGHRDVAR\	1728	>CDKN2A-E1 ALGHRDVAR'	277	1451
>CDKN2A-E1 ELGHRDVAR\	608	>CDKN2A-E1 ALGHRDVAR'	118	490
>CDKN2A-E1 ELGHRDVAR	188	>CDKN2A-E1 ALGHRDVAR	786	598
>CDKN2A-E1 EELGHRDV	193	>CDKN2A-E1 EALGHRDV	30558	30365
>CDKN2A-E1 EELGHRDVAF	86	>CDKN2A-E1 EALGHRDVAI	8	78
>CDKN2A-E1 EELGHRDVAF	2936	>CDKN2A-E1 EALGHRDVAI	281	2655
>CDKN2A-E1 EELGHRDVAF	6569	>CDKN2A-E1 EALGHRDVAI	20	6549
>CDKN2A-E1 EELGHRDV	11075	>CDKN2A-E1 EALGHRDV	141	10934
>CDKN2A-E1 EELGHRDVAF	21097	>CDKN2A-E1 EALGHRDVAI	228	20869
>CDKN2A-E1 EELGHRDVAF	177	>CDKN2A-E1 EALGHRDVAI	13649	13472
>CDKN2A-E1 EELGHRDVAF	7045	>CDKN2A-E1 EALGHRDVAI	104	6941
>CDKN2A-E1 EELGHRDVAF	121	>CDKN2A-E1 EALGHRDVAI	24701	24580
>CDKN2A-E1 EELGHRDV	54	>CDKN2A-E1 EALGHRDV	28666	28612
>CDKN2A-E1 EELGHRDVA	10	>CDKN2A-E1 EALGHRDVA	15610	15600
>CDKN2A-E1 EELGHRDVAF	471	>CDKN2A-E1 EALGHRDVAI	589	118
>CDKN2A-E1 AEELGHRDV	408	>CDKN2A-E1 AEALGHRDV	400	8
>CDKN2A-E1 AEELGHRD	881	>CDKN2A-E1 AEALGHRD	474	407
>CDKN2A-E1 AEELGHRDV	29	>CDKN2A-E1 AEALGHRDV	17	12
>CDKN2A-E1 AEELGHRDV/	39	>CDKN2A-E1 AEALGHRDV/	70	31
>CDKN2A-E1 AEELGHRDV/	846	>CDKN2A-E1 AEALGHRDV/	412	434
>CDKN2A-E1 AEELGHRDV	336	>CDKN2A-E1 AEALGHRDV	129	207
>CDKN2A-E1 LAEELGHR	1077	>CDKN2A-E1 LAEALGHR	393	684
>CDKN2A-E1 LAEELGHR	532	>CDKN2A-E1 LAEALGHR	421	111
>CDKN2A-E1 DLAEELGHRE	582	>CDKN2A-E1 DLAEALGHRE	398	184
>CDKN2A-E1 DLAEELGHRE	265	>CDKN2A-E1 DLAEALGHRE	226	39
>CDKN2A-E1 DLAEELGHRE	185	>CDKN2A-E1 DLAEALGHRE	114	71
>CDKN2A-E1 DLAEELGHRE	418	>CDKN2A-E1 DLAEALGHRE	201	217
>CDKN2A-E1 DLAEELGHRE	27	>CDKN2A-E1 DLAEALGHRE	22	5
>CDKN2A-E1 DLAEELGHR	124	>CDKN2A-E1 DLAEALGHR	74	50
>CDKN2A-E1 DLAEELGHR	182	>CDKN2A-E1 DLAEALGHR	82	100
>CDKN2A-E1 DLAEELGHRE	1031	>CDKN2A-E1 DLAEALGHRE	387	644
>CDKN2A-E1 LPVDLAEEL	414	>CDKN2A-E1 LPVDLAEAL	45	369
>CDKN2A-E1 LPVDLAEEL	905	>CDKN2A-E1 LPVDLAEA	200	705
>CDKN2A-E1 LPVDLAEEL	42	>CDKN2A-E1 LPVDLAEAL	17	25
>CDKN2A-E1 LPVDLAEELG	86	>CDKN2A-E1 LPVDLAEALG	80	6
>CDKN2A-E1 LPVDLAEEL	1748	>CDKN2A-E1 LPVDLAEAL	100	1648
>CDKN2A-E1 LPVDLAEEL	407	>CDKN2A-E1 LPVDLAEAL	555	148
>CDKN2A-E1 LPVDLAEEL	52	>CDKN2A-E1 LPVDLAEAL	56	4
>CDKN2A-E1 LPVDLAEEL	1458	>CDKN2A-E1 LPVDLAEA	12	1446
>CDKN2A-E1 LPVDLAEEL	86	>CDKN2A-E1 LPVDLAEAL	93	7
>CDKN2A-E1 RLPVDLAEEL	22625	>CDKN2A-E1 RLPVDLAEA	414	22211
>CDKN2A-E1 RLPVDLAEEL	13569	>CDKN2A-E1 RLPVDLAEA	194	13375

>CDKN2A-E1 RLPVDLAEEL	99	>CDKN2A-E1 RLPVDLAEAL	73	26
>CDKN2A-E1 RLPVDLAE	14523	>CDKN2A-E1 RLPVDLAEA	25	14498
>CDKN2A-E1 RLPVDLAE	13173	>CDKN2A-E1 RLPVDLAEA	136	13037
>CDKN2A-E1 RLPVDLAE	15991	>CDKN2A-E1 RLPVDLAEA	124	15867
>CDKN2A-E1 RLPVDLAEEL	38	>CDKN2A-E1 RLPVDLAEAL	41	3
>CDKN2A-E1 RLPVDLAE	16786	>CDKN2A-E1 RLPVDLAEA	223	16563
>CDKN2A-E1 RLPVDLAEEL	165	>CDKN2A-E1 RLPVDLAEAL	96	69
>CDKN2A-E1 RLPVDLAE	18934	>CDKN2A-E1 RLPVDLAEA	409	18525
>CDKN2A-E1 RLPVDLAEEL	125	>CDKN2A-E1 RLPVDLAEAL	298	173
>CDKN2A-E1 RLPVDLAEEL	391	>CDKN2A-E1 RLPVDLAEAL	526	135
>CDKN2A-E1 RLPVDLAE	9423	>CDKN2A-E1 RLPVDLAEA	25	9398
>CDKN2A-E1 RLPVDLAEEL	15	>CDKN2A-E1 RLPVDLAEAL	28	13
>CDKN2A-E1 RLPVDLAEEL	1004	>CDKN2A-E1 RLPVDLAEAL	328	676
>CDKN2A-E1 RLPVDLAEEL	693	>CDKN2A-E1 RLPVDLAEAL	360	333
>CDKN2A-E1 GRLPVDLAE	202	>CDKN2A-E1 GRLPVDLAEA	159	43
>CDKN2A-E1 GRLPVDLAE	1465	>CDKN2A-E1 GRLPVDLAEA	210	1255
>CDKN2A-E1 GRLPVDLAE	194	>CDKN2A-E1 GRLPVDLAEA	264	70
>CDKN2A-E1 GRLPVDLAE	29	>CDKN2A-E1 GRLPVDLAEA	31	2
>CDKN2A-E1 ELGHRDVAR\	1533	>CDKN2A-E1 KLGHRDVAR\	97	1436
>CDKN2A-E1 ELGHRDVAR\	382	>CDKN2A-E1 KLGHRDVAR\	32	350
>CDKN2A-E1 ELGHRDVAR\	1057	>CDKN2A-E1 KLGHRDVAR\	40	1017
>CDKN2A-E1 ELGHRDVAR\	1150	>CDKN2A-E1 KLGHRDVAR\	91	1059
>CDKN2A-E1 ELGHRDVAR\	477	>CDKN2A-E1 KLGHRDVAR\	74	403
>CDKN2A-E1 ELGHRDVAR\	274	>CDKN2A-E1 KLGHRDVAR\	5849	5575
>CDKN2A-E1 ELGHRDVAR\	413	>CDKN2A-E1 KLGHRDVAR\	148	265
>CDKN2A-E1 ELGHRDVAR	3615	>CDKN2A-E1 KLGHRDVAR	28	3587
>CDKN2A-E1 ELGHRDVAR	85	>CDKN2A-E1 KLGHRDVAR	4615	4530
>CDKN2A-E1 ELGHRDVAR	153	>CDKN2A-E1 KLGHRDVAR	8398	8245
>CDKN2A-E1 ELGHRDVAR\	1728	>CDKN2A-E1 KLGHRDVAR\	44	1684
>CDKN2A-E1 ELGHRDVAR\	608	>CDKN2A-E1 KLGHRDVAR\	141	467
>CDKN2A-E1 ELGHRDVAR	188	>CDKN2A-E1 KLGHRDVAR	29	159
>CDKN2A-E1 EELGHRDV	193	>CDKN2A-E1 EKLGHRDV	25569	25376
>CDKN2A-E1 EELGHRDVAF	86	>CDKN2A-E1 EKLGHRDVAF	63	23
>CDKN2A-E1 EELGHRDVAF	177	>CDKN2A-E1 EKLGHRDVAF	12101	11924
>CDKN2A-E1 EELGHRDVAF	121	>CDKN2A-E1 EKLGHRDVAF	15544	15423
>CDKN2A-E1 EELGHRDV	54	>CDKN2A-E1 EKLGHRDV	23318	23264
>CDKN2A-E1 EELGHRDVA	10	>CDKN2A-E1 EKLGHRDVA	9788	9778
>CDKN2A-E1 EELGHRDVAF	471	>CDKN2A-E1 EKLGHRDVAF	675	204
>CDKN2A-E1 AEELGHRDV	408	>CDKN2A-E1 AEKLGHRDV	2011	1603
>CDKN2A-E1 AEELGHRDV	1462	>CDKN2A-E1 AEKLGHRDV	181	1281
>CDKN2A-E1 AEELGHRDV	29	>CDKN2A-E1 AEKLGHRDV	23	6
>CDKN2A-E1 AEELGHRDV/	39	>CDKN2A-E1 AEKLGHRDV/	141	102
>CDKN2A-E1 AEELGHRDV	336	>CDKN2A-E1 AEKLGHRDV	148	188

>CDKN2A-E1 LAEELGHR	1077	>CDKN2A-E1 LAEKLGHR	421	656
>CDKN2A-E1 DLAEELGHRC	582	>CDKN2A-E1 DLAEKLGHRC	415	167
>CDKN2A-E1 DLAEELGHRC	265	>CDKN2A-E1 DLAEKLGHRC	244	21
>CDKN2A-E1 DLAEELGHRC	185	>CDKN2A-E1 DLAEKLGHRC	212	27
>CDKN2A-E1 DLAEELGHRC	418	>CDKN2A-E1 DLAEKLGHRC	424	6
>CDKN2A-E1 DLAEELGHRC	27	>CDKN2A-E1 DLAEKLGHRC	30	3
>CDKN2A-E1 DLAEELGHR	124	>CDKN2A-E1 DLAEKLGHR	53	71
>CDKN2A-E1 DLAEELGHR	182	>CDKN2A-E1 DLAEKLGHR	260	78
>CDKN2A-E1 LPVDLAEEL	414	>CDKN2A-E1 LPVDLAEKL	1473	1059
>CDKN2A-E1 LPVDLAEEL	42	>CDKN2A-E1 LPVDLAEKL	232	190
>CDKN2A-E1 LPVDLAEELG	86	>CDKN2A-E1 LPVDLAEKLG	223	137
>CDKN2A-E1 LPVDLAEEL	407	>CDKN2A-E1 LPVDLAEKL	534	127
>CDKN2A-E1 LPVDLAEEL	52	>CDKN2A-E1 LPVDLAEKL	75	23
>CDKN2A-E1 LPVDLAEEL	86	>CDKN2A-E1 LPVDLAEKL	183	97
>CDKN2A-E1 RLPVDLAEEL	99	>CDKN2A-E1 RLPVDLAEKL	132	33
>CDKN2A-E1 RLPVDLAEEL	38	>CDKN2A-E1 RLPVDLAEKL	82	44
>CDKN2A-E1 RLPVDLAEEL	165	>CDKN2A-E1 RLPVDLAEKL	392	227
>CDKN2A-E1 RLPVDLAEEL	125	>CDKN2A-E1 RLPVDLAEKL	207	82
>CDKN2A-E1 RLPVDLAEEL	391	>CDKN2A-E1 RLPVDLAEKL	506	115
>CDKN2A-E1 RLPVDLAEEL	15	>CDKN2A-E1 RLPVDLAEKL	24	9
>CDKN2A-E1 RLPVDLAEEL	21429	>CDKN2A-E1 RLPVDLAEK	456	20973
>CDKN2A-E1 RLPVDLAEEL	693	>CDKN2A-E1 RLPVDLAEKL	341	352
>CDKN2A-E1 RLPVDLAEEL	202	>CDKN2A-E1 RLPVDLAEK	105	97
>CDKN2A-E1 GRLPVDLAEEL	194	>CDKN2A-E1 GRLPVDLAEK	282	88
>CDKN2A-E1 GRLPVDLAEEL	29	>CDKN2A-E1 GRLPVDLAEK	46	17
>CDKN2A-E2 EEVRALLE	108	>CDKN2A-E2 DEVRALLE	386	278
>CDKN2A-E2 EEVRALLEA	2305	>CDKN2A-E2 DEVRALLEA	39	2266
>CDKN2A-E2 EEVRALLEAG	6632	>CDKN2A-E2 DEVRALLEAG	213	6419
>CDKN2A-E2 EEVRALLEA	326	>CDKN2A-E2 DEVRALLEA	2486	2160
>CDKN2A-E2 EEVRALLEA	454	>CDKN2A-E2 DEVRALLEA	2018	1564
>CDKN2A-E2 EEVRALLEA	14	>CDKN2A-E2 DEVRALLEA	683	669
>CDKN2A-E2 EEVRALLEAG	18	>CDKN2A-E2 DEVRALLEAG	1104	1086
>CDKN2A-E2 VEEVRALL	176	>CDKN2A-E2 VDEVRALL	9046	8870
>CDKN2A-E2 VEEVRALL	143	>CDKN2A-E2 VDEVRALL	18508	18365
>CDKN2A-E2 VEEVRALLEA	173	>CDKN2A-E2 VDEVRALLEA	4461	4288
>CDKN2A-E2 VEEVRALL	10479	>CDKN2A-E2 VDEVRALL	357	10122
>CDKN2A-E2 RVEEVRALL	1989	>CDKN2A-E2 RVDEVRALL	257	1732
>CDKN2A-E2 RVEEVRALL	1231	>CDKN2A-E2 RVDEVRALL	113	1118
>CDKN2A-E2 RVEEVRALLE,	633	>CDKN2A-E2 RVDEVRALLE	76	557
>CDKN2A-E2 RVEEVRALL	3161	>CDKN2A-E2 RVDEVRALL	141	3020
>CDKN2A-E2 RVEEVRALL	5310	>CDKN2A-E2 RVDEVRALL	273	5037
>CDKN2A-E2 RVEEVRALLE,	6328	>CDKN2A-E2 RVDEVRALLE	455	5873
>CDKN2A-E2 RVEEVRALL	281	>CDKN2A-E2 RVDEVRALL	257	24

>CDKN2A-E2 RVEEVRAL	165	>CDKN2A-E2 RVDEVRAL	218	53
>CDKN2A-E2 GRVEEVRAL	383	>CDKN2A-E2 GRVDEVRAL	686	303
>CDKN2A-E2 GRVEEVRALL	45	>CDKN2A-E2 GRVDEVRA	55	10
>CDKN2A-E2 GRVEEVRAL	189	>CDKN2A-E2 GRVDEVRAL	404	215
>CDKN2A-E2 GRVEEVRALL	338	>CDKN2A-E2 GRVDEVRA	592	254
>CDKN2A-E2 GRVEEVRALL	430	>CDKN2A-E2 GRVDEVRA	765	335
>CDKN2A-E2 GRVEEVRAL	92	>CDKN2A-E2 GRVDEVRAL	106	14
>CDKN2A-E2 GRVEEVRALL	186	>CDKN2A-E2 GRVDEVRA	357	171
>CDKN2A-E2 RGRVVEVRA	447	>CDKN2A-E2 RGRVDEVRA	882	435
>CDKN2A-E2 RGRVVEVRAL	436	>CDKN2A-E2 RGRVDEVRA	658	222
>CDKN2A-E2 RGRVVEVRAL	98	>CDKN2A-E2 RGRVDEVRA	148	50
>CDKN2A-E2 RGRVVEVR	668	>CDKN2A-E2 RGRVDEVRA	483	185
>CDKN2A-E2 ARGRVVEVRA	260	>CDKN2A-E2 ARGRVDEVRA	308	48
>CDKN2A-E2 AARGRVVEV	50	>CDKN2A-E2 AARGRVDEVRA	207	157
>CDKN2A-E2 AARGRVVEV	269	>CDKN2A-E2 AARGRVDEVRA	325	56
>CDKN2A-E2 AARGRVVEV	265	>CDKN2A-E2 AARGRVDEVRA	331	66
>CDKN2A-E2 AAARGRVVEV	33	>CDKN2A-E2 AAARGRVDEVRA	84	51
>CDKN2A-E2 AAARGRVVEV	434	>CDKN2A-E2 AAARGRVDEVRA	553	119
>CDKN2A-E2 AAARGRVVEV	127	>CDKN2A-E2 AAARGRVDEVRA	148	21
>CDKN2A-E2 TAAARGRVVEV	34	>CDKN2A-E2 TAAARGRVDEVRA	42	8
>CDKN2A-E2 EEVRALLE	108	>CDKN2A-E2 KEVRALLE	270	162
>CDKN2A-E2 EEVRALLEA	326	>CDKN2A-E2 KEVRALLEA	45	281
>CDKN2A-E2 EEVRALLEA	454	>CDKN2A-E2 KEVRALLEA	1150	696
>CDKN2A-E2 EEVRALLEA	14	>CDKN2A-E2 KEVRALLEA	32	18
>CDKN2A-E2 EEVRALLEAG	18	>CDKN2A-E2 KEVRALLEAG	51	33
>CDKN2A-E2 EEVRALLEA	4152	>CDKN2A-E2 KEVRALLEA	260	3892
>CDKN2A-E2 EEVRALLEAG	6293	>CDKN2A-E2 KEVRALLEAG	484	5809
>CDKN2A-E2 VEEVRALL	176	>CDKN2A-E2 VKEVRALL	26967	26791
>CDKN2A-E2 VEEVRALL	143	>CDKN2A-E2 VKEVRALL	19749	19606
>CDKN2A-E2 VEEVRALLEA	173	>CDKN2A-E2 VKEVRALLEA	13526	13353
>CDKN2A-E2 RVEEVRALLE	4403	>CDKN2A-E2 RVKEVRALLE	337	4066
>CDKN2A-E2 RVEEVRAL	4822	>CDKN2A-E2 RVKEVRAL	19	4803
>CDKN2A-E2 RVEEVRALL	1319	>CDKN2A-E2 RVKEVRALL	7	1312
>CDKN2A-E2 RVEEVRALLE	9211	>CDKN2A-E2 RVKEVRALLE	181	9030
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>CDKN2A-E2 RVEEVRALL	2746	>CDKN2A-E2 RVKEVRALL	198	2548
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>CDKN2A-E2 RVEEVRAL	165	>CDKN2A-E2 RVKEVRAL	83	82
>CDKN2A-E2 RVEEVRALL	806	>CDKN2A-E2 RVKEVRALL	479	327
>CDKN2A-E2 GRVEEVRAL	383	>CDKN2A-E2 GRVKEVRAL	303	80
>CDKN2A-E2 GRVEEVRALL	45	>CDKN2A-E2 GRVKEVRALL	66	21
>CDKN2A-E2 GRVEEVRAL	189	>CDKN2A-E2 GRVKEVRAL	706	517
>CDKN2A-E2 GRVEEVRALL	338	>CDKN2A-E2 GRVKEVRALL	903	565

>CDKN2A-E2 GRVEEVRALL	430	>CDKN2A-E2 GRVKEVRALL	350	80
>CDKN2A-E2 GRVEEVRAL	92	>CDKN2A-E2 GRVKEVRAL	78	14
>CDKN2A-E2 GRVEEVRALL	186	>CDKN2A-E2 GRVKEVRALL	302	116
>CDKN2A-E2 RGRVEEVRA	447	>CDKN2A-E2 RGRVKEVRA	137	310
>CDKN2A-E2 RGRVEEVRAL	436	>CDKN2A-E2 RGRVKEVRAL	180	256
>CDKN2A-E2 RGRVEEVRAL	98	>CDKN2A-E2 RGRVKEVRAL	49	49
>CDKN2A-E2 RGRVEEVR	668	>CDKN2A-E2 RGRVKEVR	76	592
>CDKN2A-E2 ARGRVEEVR/	260	>CDKN2A-E2 ARGRVKEVR/	143	117
>CDKN2A-E2 AARGRVEEV	50	>CDKN2A-E2 AARGRVKEV	222	172
>CDKN2A-E2 AARGRVEEV	668	>CDKN2A-E2 AARGRVKEV	88	580
>CDKN2A-E2 AARGRVEEVf	269	>CDKN2A-E2 AARGRVKEVf	91	178
>CDKN2A-E2 AARGRVEEVf	265	>CDKN2A-E2 AARGRVKEVf	87	178
>CDKN2A-E2 AAARGRVEE\	33	>CDKN2A-E2 AAARGRVKE\	80	47
>CDKN2A-E2 AAARGRVE	15622	>CDKN2A-E2 AAARGRVK	314	15308
>CDKN2A-E2 AAARGRVEE\	434	>CDKN2A-E2 AAARGRVKE\	164	270
>CDKN2A-E2 AAARGRVEE\	127	>CDKN2A-E2 AAARGRVKE\	146	19
>CDKN2A-E2 TAAARGRVEf	34	>CDKN2A-E2 TAAARGRVKf	144	110
>CDKN2A-E2 ATAAARGRVI	20828	>CDKN2A-E2 ATAAARGRVI	69	20759
>CDKN2A-E2 ATAAARGRVI	31084	>CDKN2A-E2 ATAAARGRVI	30	31054
>CDKN2A-E2 ATAAARGRVI	10907	>CDKN2A-E2 ATAAARGRVI	35	10872
>CDKN2A-E2 ATAAARGRVI	32064	>CDKN2A-E2 ATAAARGRVI	219	31845
>CDKN2A-E2 EPAAGSSM	401	>CDKN2A-E2 KPAAGSSM	180	221
>CDKN2A-E2 EPAAGSSM	477	>CDKN2A-E2 KPAAGSSM	8807	8330
>CDKN2A-E2 EPAAGSSM	33	>CDKN2A-E2 KPAAGSSM	11	22
>CDKN2A-E2 EPAAGSSMEI	8423	>CDKN2A-E2 KPAAGSSMEI	367	8056
>CDKN2A-E2 EPAAGSSM	13	>CDKN2A-E2 KPAAGSSM	47	34
>CDKN2A-E2 EPAAGSSMEI	216	>CDKN2A-E2 KPAAGSSMEI	2288	2072
>CDKN2A-E2 EPAAGSSM	265	>CDKN2A-E2 KPAAGSSM	916	651
>CDKN2A-E2 EPAAGSSM	1030	>CDKN2A-E2 KPAAGSSM	491	539
>CDKN2A-E2 MEPAAGSSV	367	>CDKN2A-E2 MKPAAGSSV	463	96
>CDKN2A-E2 MEPAAGSSV	488	>CDKN2A-E2 MKPAAGSSV	10	478
>CDKN2A-E2 MEPAAGSSV	382	>CDKN2A-E2 MKPAAGSSV	18575	18193
>CDKN2A-E2 MEPAAGSSV	469	>CDKN2A-E2 MKPAAGSSV	31497	31028
>CDKN2A-E2 MEPAAGSSV	291	>CDKN2A-E2 MKPAAGSSV	29510	29219
>CDKN2A-E3 EAGALPNA	470	>CDKN2A-E3 DAGALPNA	2299	1829
>CDKN2A-E3 LEAGALPN	413	>CDKN2A-E3 LDAGALPN	18336	17923
>CDKN2A-E3 LEAGALPNA	80	>CDKN2A-E3 LDAGALPNA	17940	17860
>CDKN2A-E3 LEAGALPNA	312	>CDKN2A-E3 LDAGALPNA	14390	14078
>CDKN2A-E3 LLEAGALPNA	371	>CDKN2A-E3 LLDAGALPNA	103	268
>CDKN2A-E3 LLEAGALPNA	241	>CDKN2A-E3 LLDAGALPNA	101	140
>CDKN2A-E3 LLEAGALPNA	249	>CDKN2A-E3 LLDAGALPNA	153	96
>CDKN2A-E3 LLEAGALPNA	507	>CDKN2A-E3 LLDAGALPNA	169	338
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>CDKN2A-E3 LLEAGALPNA	1191	>CDKN2A-E3 LLDAGALPNA	96	1095
>CDKN2A-E3 LLEAGALPNA	575	>CDKN2A-E3 LLDAGALPNA	14	561
>CDKN2A-E3 LLEAGALPNA	2887	>CDKN2A-E3 LLDAGALPNA	78	2809
>CDKN2A-E3 LLEAGALPNA	10	>CDKN2A-E3 LLDAGALPNA	7	3
>CDKN2A-E3 ALLEAGAL	92	>CDKN2A-E3 ALLDAGAL	80	12
>CDKN2A-E3 ALLEAGALPN	22	>CDKN2A-E3 ALLDAGALPN	21	1
>CDKN2A-E3 ALLEAGAL	67	>CDKN2A-E3 ALLDAGAL	55	12
>CDKN2A-E3 ALLEAGALPN	87	>CDKN2A-E3 ALLDAGALPN	71	16
>CDKN2A-E3 ALLEAGAL	61	>CDKN2A-E3 ALLDAGAL	55	6
>CDKN2A-E3 ALLEAGALPN	26	>CDKN2A-E3 ALLDAGALPN	23	3
>CDKN2A-E3 ALLEAGAL	40	>CDKN2A-E3 ALLDAGAL	37	3
>CDKN2A-E3 ALLEAGALPN	13	>CDKN2A-E3 ALLDAGALPN	12	1
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>CDKN2A-E3 ALLEAGALPN	5	>CDKN2A-E3 ALLDAGALPN	6	1
>CDKN2A-E3 ALLEAGAL	8	>CDKN2A-E3 ALLDAGAL	7	1
>CDKN2A-E3 ALLEAGALPN	19	>CDKN2A-E3 ALLDAGALPN	18	1
>CDKN2A-E3 ALLEAGAL	16	>CDKN2A-E3 ALLDAGAL	17	1
>CDKN2A-E3 ALLEAGALPN	6	>CDKN2A-E3 ALLDAGALPN	7	1
>CDKN2A-E3 ALLEAGAL	29	>CDKN2A-E3 ALLDAGAL	20	9
>CDKN2A-E3 ALLEAGALPN	15	>CDKN2A-E3 ALLDAGALPN	11	4
>CDKN2A-E3 ALLEAGAL	5	>CDKN2A-E3 ALLDAGAL	4	1
>CDKN2A-E3 ALLEAGALPN	4	>CDKN2A-E3 ALLDAGALPN	3	1
>CDKN2A-E3 RALLEAGAL	1101	>CDKN2A-E3 RALLDAGAL	312	789
>CDKN2A-E3 RALLEAGAL	18	>CDKN2A-E3 RALLDAGAL	36	18
>CDKN2A-E3 VRALLEAGAL	145	>CDKN2A-E3 VRALLDAGAL	186	41
>CDKN2A-E3 VRALLEAGAL	289	>CDKN2A-E3 VRALLDAGAL	355	66
>CDKN2A-E3 EVRALLEAGA	51	>CDKN2A-E3 EVRALLDAGA	37	14
>CDKN2A-E3 EVRALLEAGA	293	>CDKN2A-E3 EVRALLDAGA	237	56
>CDKN2A-E3 EVRALLEAGA	497	>CDKN2A-E3 EVRALLDAGA	1046	549
>CDKN2A-E3 EVRALLEAGA	742	>CDKN2A-E3 EVRALLDAGA	427	315
>CDKN2A-E3 EEVRALLE	108	>CDKN2A-E3 EEVRALLD	196	88
>CDKN2A-E3 EEVRALLEA	326	>CDKN2A-E3 EEVRALLDA	1399	1073
>CDKN2A-E3 EEVRALLE	924	>CDKN2A-E3 EEVRALLD	496	428
>CDKN2A-E3 EEVRALLEA	454	>CDKN2A-E3 EEVRALLDA	420	34
>CDKN2A-E3 EEVRALLEA	14	>CDKN2A-E3 EEVRALLDA	25	11
>CDKN2A-E3 EEVRALLEAG	18	>CDKN2A-E3 EEVRALLDAG	30	12
>CDKN2A-E3 VEEVRALLEA	173	>CDKN2A-E3 VEEVRALLDA	301	128
>CDKN2A-E6 ELLLLHGA	5332	>CDKN2A-E6 GLLLLHGA	359	4973
>CDKN2A-E6 ELLLLHGA	2842	>CDKN2A-E6 GLLLLHGA	468	2374
>CDKN2A-E6 ELLLLHGA	2288	>CDKN2A-E6 GLLLLHGA	297	1991
>CDKN2A-E6 ELLLLHGA	1334	>CDKN2A-E6 GLLLLHGA	364	970
>CDKN2A-E6 ELLLLHGA	214	>CDKN2A-E6 GLLLLHGA	34	180
>CDKN2A-E6 ELLLLHGA	760	>CDKN2A-E6 GLLLLHGA	61	699



>CDKN2A-E6 ELLLLHGA	342	>CDKN2A-E6 GLLLLHGA	33	309
>CDKN2A-E6 ELLLLHGA	186	>CDKN2A-E6 GLLLLHGA	404	218
>CDKN2A-E6 ELLLLHGA	195	>CDKN2A-E6 GLLLLHGA	36	159
>CDKN2A-E6 ELLLLHGA	91	>CDKN2A-E6 GLLLLHGA	9668	9577
>CDKN2A-E6 AELLLLHGA	35	>CDKN2A-E6 AGLLLLHGA	29327	29292
>CDKN2A-E6 AELLLLHGA	440	>CDKN2A-E6 AGLLLLHGA	39370	38930
>CDKN2A-E6 AELLLLHGA	7	>CDKN2A-E6 AGLLLLHGA	15024	15017
>CDKN2A-E6 AELLLHGAE	313	>CDKN2A-E6 AGLLLHGAE	25672	25359
>CDKN2A-E6 AELLLLHGA	32	>CDKN2A-E6 AGLLLLHGA	29862	29830
>CDKN2A-E6 VMMMGSAR	1010	>CDKN2A-E6 VMMMGSAR	215	795
>CDKN2A-E6 RVAELLLL	83	>CDKN2A-E6 RVAGLLL	221	138
>CDKN2A-E6 RVAELLLLHG,	171	>CDKN2A-E6 RVAGLLLHG	646	475
>CDKN2A-E6 RVAELLLL	33	>CDKN2A-E6 RVAGLLL	48	15
>CDKN2A-E6 RVAELLLLHG,	79	>CDKN2A-E6 RVAGLLLHG	100	21
>CDKN2A-E6 RVAELLLL	70	>CDKN2A-E6 RVAGLLL	130	60
>CDKN2A-E6 RVAELLLLHG,	23	>CDKN2A-E6 RVAGLLLHG	43	20
>CDKN2A-E6 RVAELLLL	14	>CDKN2A-E6 RVAGLLL	33	19
>CDKN2A-E6 RVAELLLLHG,	12	>CDKN2A-E6 RVAGLLLHG	26	14
>CDKN2A-E6 RVAELLLL	392	>CDKN2A-E6 RVAGLLL	1000	608
>CDKN2A-E6 RVAELLLLHG,	305	>CDKN2A-E6 RVAGLLLHG	891	586
>CDKN2A-E6 RVAELLLL	393	>CDKN2A-E6 RVAGLLL	252	141
>CDKN2A-E6 RVAELLLLHG,	459	>CDKN2A-E6 RVAGLLLHG	395	64
>CDKN2A-E6 RVAELLLH	226	>CDKN2A-E6 RVAGLLH	205	21
>CDKN2A-E6 RVAELLLH	230	>CDKN2A-E6 RVAGLLH	220	10
>CDKN2A-E6 RVAELLLH	877	>CDKN2A-E6 RVAGLLH	274	603
>CDKN2A-E6 RVAELLLL	424	>CDKN2A-E6 RVAGLLL	191	233
>CDKN2A-E6 RVAELLLLHG,	370	>CDKN2A-E6 RVAGLLLHG	436	66
>CDKN2A-E6 RVAELLLLHG,	428	>CDKN2A-E6 RVAGLLLHG	2270	1842
>CDKN2A-E6 RVAELLLH	65	>CDKN2A-E6 RVAGLLH	120	55
>CDKN2A-E6 RVAELLLL	300	>CDKN2A-E6 RVAGLLL	299	1
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>CDKN2A-E6 RVAELLLL	1902	>CDKN2A-E6 RVAGLLL	352	1550
>CDKN2A-E6 RVAELLLH	1048	>CDKN2A-E6 RVAGLLH	267	781
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>CDKN2A-E6 ARVAELL	180	>CDKN2A-E6 ARVAGLL	84	96
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>CDKN2A-E6 ARVAELLLH	215	>CDKN2A-E6 ARVAGLLH	206	9
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>CDKN2A-E6 SARVAELL	380	>CDKN2A-E6 SARVAGLL	68	312
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>CDKN2A-E6 SARVAELLLL	38	>CDKN2A-E6 SARVAGLLLL	17	21
>CDKN2A-E6 SARVAELLLL	558	>CDKN2A-E6 SARVAGLLLL	315	243
>CDKN2A-E6 SARVAELL	3564	>CDKN2A-E6 SARVAGLLL	245	3319
>CDKN2A-E6 SARVAELL	377	>CDKN2A-E6 SARVAGLL	170	207
>CDKN2A-E6 SARVAELL	179	>CDKN2A-E6 SARVAGLLL	45	134
>CDKN2A-E6 SARVAELLLL	137	>CDKN2A-E6 SARVAGLLLL	43	94
>CDKN2A-E6 SARVAELL	1155	>CDKN2A-E6 SARVAGLLL	345	810
>CDKN2A-E6 GSARVAEL	282	>CDKN2A-E6 GSARVAGL	174	108
>CDKN2A-E6 GSARVAELLL	950	>CDKN2A-E6 GSARVAGLLL	488	462
>CDKN2A-E6 GSARVAELL	237	>CDKN2A-E6 GSARVAGLL	1690	1453
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>CDKN2A-E6 GSARVAELL	720	>CDKN2A-E6 GSARVAGLLL	292	428
>CDKN2A-E6 GSARVAELLLL	264	>CDKN2A-E6 GSARVAGLLL	376	112
>CDKN2A-E6 GSARVAELL	24	>CDKN2A-E6 GSARVAGLL	21	3
>CDKN2A-E6 GSARVAELLL	452	>CDKN2A-E6 GSARVAGLLL	257	195
>CDKN2A-E6 GSARVAELLL	66	>CDKN2A-E6 GSARVAGLLL	39	27
>CDKN2A-E6 MGSARVAEL	66	>CDKN2A-E6 MGSARVAGL	125	59
>CDKN2A-E6 MGSARVAEL	399	>CDKN2A-E6 MGSARVAGL	415	16
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>CDKN2A-E6 MMGSARVAI	177	>CDKN2A-E6 MMGSARVAI	174	3
>CDKN2A-E6 MMGSARVAI	143	>CDKN2A-E6 MMGSARVAI	463	320
>CDKN2A-E6 MMGSARVAI	24	>CDKN2A-E6 MMGSARVAI	23	1
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>CDKN2A-E6 MMGSARVAI	52	>CDKN2A-E6 MMGSARVAI	38	14
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>CDKN2A-E6 MMGSARVAI	436	>CDKN2A-E6 MMGSARVAI	1419	983
>CDKN2A-E6 MMGSARVAI	11	>CDKN2A-E6 MMGSARVAI	11	0
>CDKN2A-E6 MMGSARVAI	24	>CDKN2A-E6 MMGSARVAI	44	20
>CDKN2A-E6 MMGSARVAI	42	>CDKN2A-E6 MMGSARVAI	31	11
>CDKN2A-E6 MMGSARVAI	190	>CDKN2A-E6 MMGSARVAI	456	266
>CDKN2A-E6 MMGSARVAI	46	>CDKN2A-E6 MMGSARVAI	49	3
>CDKN2A-E6 MMGSARVAI	81	>CDKN2A-E6 MMGSARVAI	194	113
>CDKN2A-E6 MMGSARVAI	33	>CDKN2A-E6 MMGSARVAI	19	14
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>CDKN2A-E6 MMGSARVAI	3	>CDKN2A-E6 MMGSARVAI	3	0
>CDKN2A-E6 MMGSARVAI	8	>CDKN2A-E6 MMGSARVAI	14	6
>CDKN2A-E6 MMGSARVAI	163	>CDKN2A-E6 MMGSARVAI	191	28
>CDKN2A-E6 MMGSARVAI	90	>CDKN2A-E6 MMGSARVAI	221	131
>CDKN2A-E6 MMGSARVAI	402	>CDKN2A-E6 MMGSARVAI	948	546
>CDKN2A-E6 MMMGSARV	587	>CDKN2A-E6 MMMGSARV	408	179
>CDKN2A-E6 MMMGSARV	19	>CDKN2A-E6 MMMGSARV	23	4
>CDKN2A-E6 MMMGSARV	4	>CDKN2A-E6 MMMGSARV	4	0

>CDKN2A-E6 MMMGSARV	5	>CDKN2A-E6 MMMGSARV	4	1
>CDKN2A-E6 MMMGSARV	27	>CDKN2A-E6 MMMGSARV	19	8
>CDKN2A-E6 MMMGSARV	3	>CDKN2A-E6 MMMGSARV	3	0
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>CDKN2A-E6 MMMGSARV	35	>CDKN2A-E6 MMMGSARV	35	0
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>CDKN2A-E6 MMMGSARV	3	>CDKN2A-E6 MMMGSARV	3	0
>CDKN2A-E6 MMMGSARV	179	>CDKN2A-E6 MMMGSARV	197	18
>CDKN2A-E6 MMMGSARV	235	>CDKN2A-E6 MMMGSARV	259	24
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>CDKN2A-E6 MMMGSARV	188	>CDKN2A-E6 MMMGSARV	276	88
>CDKN2A-E6 MMMGSARV	1250	>CDKN2A-E6 MMMGSARV	230	1020
>CDKN2A-E6 MMMGSARV	84	>CDKN2A-E6 MMMGSARV	91	7
>CDKN2A-E6 MMMGSARV	540	>CDKN2A-E6 MMMGSARV	325	215
>CDKN2A-E6 MMMGSARV	31	>CDKN2A-E6 MMMGSARV	59	28
>CDKN2A-E6 MMMGSARV	55	>CDKN2A-E6 MMMGSARV	44	11
>CDKN2A-E6 MMMGSARV	18	>CDKN2A-E6 MMMGSARV	23	5
>CDKN2A-E6 MMMGSARV	185	>CDKN2A-E6 MMMGSARV	237	52
>CDKN2A-E6 EPNCADPATL	353	>CDKN2A-E6 KPNCADPATL	204	149
>CDKN2A-E6 EPNCADPA	5872	>CDKN2A-E6 KPNCADPA	204	5668
>CDKN2A-E6 EPNCADPATL	1632	>CDKN2A-E6 KPNCADPATL	88	1544
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>CDKN2A-E6 EPNCADPAT	16	>CDKN2A-E6 KPNCADPAT	68	52
>CDKN2A-E6 EPNCADPATL	279	>CDKN2A-E6 KPNCADPATL	1940	1661
>CDKN2A-E6 EPNCADPA	43	>CDKN2A-E6 KPNCADPA	75	32
>CDKN2A-E6 EPNCADPAT	371	>CDKN2A-E6 KPNCADPAT	796	425
>CDKN2A-E6 AEPNCADPA`	5736	>CDKN2A-E6 AKPNCADPA`	231	5505
>CDKN2A-E6 AEPNCADPA`	183	>CDKN2A-E6 AKPNCADPA`	19867	19684
>CDKN2A-E6 AEPNCADPA	209	>CDKN2A-E6 AKPNCADPA	28885	28676
>CDKN2A-E6 AEPNCADPA	480	>CDKN2A-E6 AKPNCADPA	28293	27813
>CDKN2A-E6 AEPNCADPA`	230	>CDKN2A-E6 AKPNCADPA`	15530	15300
>CDKN2A-E6 AEPNCADPA`	65	>CDKN2A-E6 AKPNCADPA`	16640	16575
>CDKN2A-E6 HGAEPNCAD	272	>CDKN2A-E6 HGAKPNCAD	802	530
>CDKN2A-E6 LLHGAEPNCA	360	>CDKN2A-E6 LLHGAKPNC	940	580
>CDKN2A-E6 LLHGAEPNCA	290	>CDKN2A-E6 LLHGAKPNC	424	134
>CDKN2A-E6 LLHGAEPNC	274	>CDKN2A-E6 LLHGAKPNC	337	63
>CDKN2A-E6 LLHGAEPNCA	278	>CDKN2A-E6 LLHGAKPNC	292	14
>CDKN2A-E6 LLHGAEPNCA	242	>CDKN2A-E6 LLHGAKPNC	385	143
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>CDKN2A-E6 LLHGAEPNCA	26	>CDKN2A-E6 LLHGAKPNC	27	1
>CDKN2A-E6 LLLHGAEPNC	429	>CDKN2A-E6 LLLHGAKPNC	434	5
>CDKN2A-E6 LLLHGAEPNC	476	>CDKN2A-E6 LLLHGAKPNC	1365	889
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>CDKN2A-E6 LLLHGAEPNC	105	>CDKN2A-E6 LLLHGAKPNC	185	80
>CDKN2A-E6 LLLHGAEPNC	428	>CDKN2A-E6 LLLHGAKPNC	998	570
>CDKN2A-E6 LLLHGAEPNC	80	>CDKN2A-E6 LLLHGAKPNC	147	67
>CDKN2A-E6 LLLHGAEPNC	294	>CDKN2A-E6 LLLHGAKPNC	705	411
>CDKN2A-E6 LLLHGAEPNC	66	>CDKN2A-E6 LLLHGAKPNC	126	60
>CDKN2A-E6 LLLHGAEPNC	369	>CDKN2A-E6 LLLHGAKPNC	772	403
>CDKN2A-E6 LLLHGAEPNC	198	>CDKN2A-E6 LLLHGAKPNC	374	176
>CDKN2A-E6 LLLHGAEPNC	35	>CDKN2A-E6 LLLHGAKPNC	56	21
>CDKN2A-E6 LLLHGAEPNC	53	>CDKN2A-E6 LLLHGAKPNC	76	23
>CDKN2A-E6 LLLLHGAEPN	220	>CDKN2A-E6 LLLLHGAKPN	271	51
>CDKN2A-E6 LLLLHGAEPN	89	>CDKN2A-E6 LLLLHGAKPN	109	20
>CDKN2A-E6 LLLLHGAE	19684	>CDKN2A-E6 LLLLHGAK	115	19569
>CDKN2A-E6 ELLLLHGAE	14403	>CDKN2A-E6 ELLLLHGAK	496	13907
>CDKN2A-E6 AELLLLHGAE	313	>CDKN2A-E6 AELLLLHGAK	293	20
>CDKN2A-E6 EPNCADPATL	353	>CDKN2A-E6 QPNCADPATL	228	125
>CDKN2A-E6 EPNCADPATL	1632	>CDKN2A-E6 QPNCADPATL	173	1459
>CDKN2A-E6 EPNCADPA	53	>CDKN2A-E6 QPNCADPA	98	45
>CDKN2A-E6 EPNCADPAT	16	>CDKN2A-E6 QPNCADPAT	23	7
>CDKN2A-E6 EPNCADPATL	958	>CDKN2A-E6 QPNCADPATL	395	563
>CDKN2A-E6 EPNCADPATL	279	>CDKN2A-E6 QPNCADPATL	507	228
>CDKN2A-E6 EPNCADPA	43	>CDKN2A-E6 QPNCADPA	54	11
>CDKN2A-E6 EPNCADPAT	371	>CDKN2A-E6 QPNCADPAT	650	279
>CDKN2A-E6 AEPNCADPA	6365	>CDKN2A-E6 AQPNCADPA	68	6297
>CDKN2A-E6 AEPNCADPA	9586	>CDKN2A-E6 AQPNCADPA	82	9504
>CDKN2A-E6 AEPNCADPA	5736	>CDKN2A-E6 AQPNCADPA	250	5486
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>CDKN2A-E6 AEPNCADPA	209	>CDKN2A-E6 AQPNCADPA	14081	13872
>CDKN2A-E6 AEPNCADPA	480	>CDKN2A-E6 AQPNCADPA	17841	17361
>CDKN2A-E6 AEPNCADPA	230	>CDKN2A-E6 AQPNCADPA	11838	11608
>CDKN2A-E6 AEPNCADPA	65	>CDKN2A-E6 AQPNCADPA	9188	9123
>CDKN2A-E6 HGAEPNCAD	272	>CDKN2A-E6 HGAQPNCAD	1007	735
>CDKN2A-E6 LLHGAEPNCA	360	>CDKN2A-E6 LLHGAQPNC	618	258
>CDKN2A-E6 LLHGAEPNCA	290	>CDKN2A-E6 LLHGAQPNC	409	119
>CDKN2A-E6 LLHGAEPNC	274	>CDKN2A-E6 LLHGAQPNC	171	103
>CDKN2A-E6 LLHGAEPNCA	278	>CDKN2A-E6 LLHGAQPNC	215	63
>CDKN2A-E6 LLHGAEPNCA	242	>CDKN2A-E6 LLHGAQPNC	204	38
>CDKN2A-E6 LLHGAEPNC	14	>CDKN2A-E6 LLHGAQPNC	9	5
>CDKN2A-E6 LLHGAEPNCA	26	>CDKN2A-E6 LLHGAQPNC	21	5
>CDKN2A-E6 LLLHGAEPNC	429	>CDKN2A-E6 LLLHGAQPNC	364	65
>CDKN2A-E6 LLLHGAEPNC	476	>CDKN2A-E6 LLLHGAQPNC	570	94
>CDKN2A-E6 LLLHGAEPNC	121	>CDKN2A-E6 LLLHGAQPNC	96	25
>CDKN2A-E6 LLLHGAEPNC	105	>CDKN2A-E6 LLLHGAQPNC	105	0
>CDKN2A-E6 LLLHGAEPNC	428	>CDKN2A-E6 LLLHGAQPNC	286	142

>CDKN2A-E6 LLLHGAEPNC	80	>CDKN2A-E6 LLLHGAQPNC	70	10
>CDKN2A-E6 LLLHGAEPNC	294	>CDKN2A-E6 LLLHGAQPNC	231	63
>CDKN2A-E6 LLLHGAEPNC	66	>CDKN2A-E6 LLLHGAQPNC	56	10
>CDKN2A-E6 LLLHGAEPNC	369	>CDKN2A-E6 LLLHGAQPNC	213	156
>CDKN2A-E6 LLLHGAEPNC	198	>CDKN2A-E6 LLLHGAQPNC	224	26
>CDKN2A-E6 LLLHGAEPNC	35	>CDKN2A-E6 LLLHGAQPNC	19	16
>CDKN2A-E6 LLLHGAEPNC	53	>CDKN2A-E6 LLLHGAQPNC	38	15
>CDKN2A-E6 LLLLHGAEPN	220	>CDKN2A-E6 LLLLHGAQPN	174	46
>CDKN2A-E6 LLLLHGAEPN	1016	>CDKN2A-E6 LLLLHGAQPN	471	545
>CDKN2A-E6 LLLLHGAEPN	89	>CDKN2A-E6 LLLLHGAQPN	68	21
>CDKN2A-E6 AELLLLHGAE	313	>CDKN2A-E6 AELLLLHGAE	365	52
>CDKN2A-E6 AELLLLHGAEI	736	>CDKN2A-E6 AELLLLHGAE	328	408
>CDKN2A-E6 EPNCADPATI	353	>CDKN2A-E6 VPNCADPATI	60	293
>CDKN2A-E6 EPNCADPATI	1632	>CDKN2A-E6 VPNCADPATI	191	1441
>CDKN2A-E6 EPNCADPA	53	>CDKN2A-E6 VPNCADPA	102	49
>CDKN2A-E6 EPNCADPAT	16	>CDKN2A-E6 VPNCADPAT	21	5
>CDKN2A-E6 EPNCADPATI	958	>CDKN2A-E6 VPNCADPATI	330	628
>CDKN2A-E6 EPNCADPATI	279	>CDKN2A-E6 VPNCADPATI	537	258
>CDKN2A-E6 EPNCADPA	43	>CDKN2A-E6 VPNCADPA	23	20
>CDKN2A-E6 EPNCADPAT	371	>CDKN2A-E6 VPNCADPAT	195	176
>CDKN2A-E6 AEPNCADPA	6365	>CDKN2A-E6 AVPNCADPA	272	6093
>CDKN2A-E6 AEPNCADPA`	22219	>CDKN2A-E6 AVPNCADPA`	471	21748
>CDKN2A-E6 AEPNCADPA`	8572	>CDKN2A-E6 AVPNCADPA`	404	8168
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>CDKN2A-E6 AEPNCADPA	480	>CDKN2A-E6 AVPNCADPA	37101	36621
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>CDKN2A-E6 AEPNCADPA`	13260	>CDKN2A-E6 AVPNCADPA`	302	12958
>CDKN2A-E6 AEPNCADPA`	65	>CDKN2A-E6 AVPNCADPA`	28581	28516
>CDKN2A-E6 HGAEPNCAD	272	>CDKN2A-E6 HGAVPNCAD	838	566
>CDKN2A-E6 LLHGAEPNCA/	360	>CDKN2A-E6 LLHGAVPNC/	245	115
>CDKN2A-E6 LLHGAEPNCA/	290	>CDKN2A-E6 LLHGAVPNC/	161	129
>CDKN2A-E6 LLHGAEPNC	274	>CDKN2A-E6 LLHGAVPNC	29	245
>CDKN2A-E6 LLHGAEPNCA/	278	>CDKN2A-E6 LLHGAVPNC/	44	234
>CDKN2A-E6 LLHGAEPNC	1317	>CDKN2A-E6 LLHGAVPNC	324	993
>CDKN2A-E6 LLHGAEPNCA/	242	>CDKN2A-E6 LLHGAVPNC/	81	161
>CDKN2A-E6 LLHGAEPNC	3379	>CDKN2A-E6 LLHGAVPNC	319	3060
>CDKN2A-E6 LLHGAEPNC	14	>CDKN2A-E6 LLHGAVPNC	6	8
>CDKN2A-E6 LLHGAEPNCA/	26	>CDKN2A-E6 LLHGAVPNC/	18	8
>CDKN2A-E6 LLLHGAEPNC	560	>CDKN2A-E6 LLLHGAVPNC	274	286
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>CDKN2A-E6 LLLLHGAE	20932	>CDKN2A-E6 LLLLHGAV	17	20915
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>CDKN2A-E6 LLLLHGAE	18027	>CDKN2A-E6 LLLLHGAV	4	18023
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>CDKN2A-E8 REGFLDTLVV	63	>CDKN2A-E8 KEGFLDTLVV	67	4
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>CDKN2A-E8 TLTRPVHDAF	3923	>CDKN2A-E8 TLTRPVHDAF	225	3698
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>CDKN2A-E8 TLTRPVHDAF	411	>CDKN2A-E8 TLTRPVHDAF	8484	8073
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>CDKN2A-E8 AAREGFLDTL	620	>CDKN2A-E8 AAKEGFLDTL	274	346
>CDKN2A-E8 AAREGFLDTL	408	>CDKN2A-E8 AAKEGFLDTL	337	71
>CDKN2A-E8 AAREGFLDTL	252	>CDKN2A-E8 AAKEGFLDTL	362	110
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>CDKN2A-E8 RPHDAAREGFL	58	>CDKN2A-E8 RPHDAAREGFL	116	58
>CDKN2A-E8 RPHDAAREGFL	287	>CDKN2A-E8 RPHDAAREGFL	396	109
>CDKN2A-E8 RPHDAAREGFL	112	>CDKN2A-E8 RPHDAAREGFL	140	28
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>CDKN2A-E8 REGFLDTL	21791	>CDKN2A-E8 RAGFLDTL	339	21452
>CDKN2A-E8 REGFLDTLVV	22402	>CDKN2A-E8 RAGFLDTLVV	318	22084
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>CDKN2A-E8 REGFLDTLVV	14	>CDKN2A-E8 RAGFLDTLVV	15675	15661
>CDKN2A-E8 REGFLDTL	99	>CDKN2A-E8 RAGFLDTL	30015	29916
>CDKN2A-E8 REGFLDTLV	208	>CDKN2A-E8 RAGFLDTLV	34221	34013
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>CDKN2A-E8 REGFLDTLVV	63	>CDKN2A-E8 RAGFLDTLVV	25212	25149
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>CDKN2A-E8 REGFLDTLVV	89	>CDKN2A-E8 RAGFLDTLVV	28632	28543
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>CDKN2A-E8 AREGFLDTL	165	>CDKN2A-E8 ARAGFLDTL	131	34
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>CDKN2A-E8 AAREGFLDTL	342	>CDKN2A-E8 AARAGFLDTL	137	205
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>CDKN2A-E8 AAREGFLDTL	53	>CDKN2A-E8 AARAGFLDTL	39	14
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>CDKN2A-E8 HDAAREGFL	169	>CDKN2A-E8 HDAARAGFL	59	110
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>CDKN2A-E8 REGFLDTLVV	14	>CDKN2A-E8 RDGFLDTLVV	9119	9105
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>CDKN2A-E8 REGFLDTLVV	264	>CDKN2A-E8 RDGFLDTLVV	21529	21265
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>CDKN2A-E8 REGFLDTLVV	68	>CDKN2A-E8 RDGFLDTLVV	2595	2527
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>CDKN2A-E8 AREGFLDTL	165	>CDKN2A-E8 ARDGFLDTL	408	243
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>CDKN2A-E8 AAREGFLDTL	342	>CDKN2A-E8 AARDGFLDTL	279	63
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>CDKN2A-E8 AAREGFLDTL	53	>CDKN2A-E8 AARDGFLDTL	33	20
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>CDKN2A-E8 RPVHDAARE	58	>CDKN2A-E8 RPVHDAARD	45	13
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>CDKN2A-E8 RPVHDAARE	112	>CDKN2A-E8 RPVHDAARD	62	50
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>CDKN2A-E8 REGFLDTL	13	>CDKN2A-E8 RGGFLDTL	19592	19579
>CDKN2A-E8 REGFLDTLV	213	>CDKN2A-E8 RGGFLDTLV	22278	22065
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>CDKN2A-E8 REGFLDTLVV	264	>CDKN2A-E8 RGGFLDTLVV	35023	34759
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>CDKN2A-E8 REGFLDTLV	35	>CDKN2A-E8 RGGFLDTLV	30188	30153
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>CDKN2A-E8 REGFLDTLVV	68	>CDKN2A-E8 RGGFLDTLVV	26975	26907
>CDKN2A-E8 LTRPVHDAAF	2496	>CDKN2A-E8 LTRPVHDAAF	402	2094
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>CDKN2A-E8 RPVHDAAREG	58	>CDKN2A-E8 RPVHDAAREG	25	33
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>CDKN2A-E8 REGFLDTLVV	5201	>CDKN2A-E8 RKGFLDTLVV	195	5006
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>CDKN2A-E8 REGFLDTLV	208	>CDKN2A-E8 RKGFLDTLV	28837	28629
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>CDKN2A-E8 REGFLDTLVV	63	>CDKN2A-E8 RKGFLDTLVV	17740	17677
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>CDKN2A-E8 AREGFLDTL	1353	>CDKN2A-E8 ARKGFLDTL	209	1144
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>CDKN2A-E8 AREGFLDTL	165	>CDKN2A-E8 ARKGFLDTL	138	27
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>CDKN2A-E8 AREGFLDTL	63	>CDKN2A-E8 ARKGFLDTL	102	39
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>CDKN2A-E8 AAREGFLDTL	53	>CDKN2A-E8 AARKGFLDTL	95	42
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>CDKN2A-E8 HDAAREGFL	169	>CDKN2A-E8 HDAARKGFL	231	62
>CDKN2A-E8 PVHDAARE	15418	>CDKN2A-E8 PVHDAARK	148	15270
>CDKN2A-E8 RPVHDAARE	58	>CDKN2A-E8 RPVHDAARK	43	15
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>CDKN2A-E8 RPVHDAARE	112	>CDKN2A-E8 RPVHDAARK	174	62
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>CDKN2A-E8 REGFLDTL	1802	>CDKN2A-E8 RVGFLDTL	48	1754
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>CDKN2A-E8 REGFLDTLV	208	>CDKN2A-E8 RVGFLDTLV	36445	36237
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>CDKN2A-E8 REGFLDTLVV	89	>CDKN2A-E8 RVGFLDTLVV	31095	31006
>CDKN2A-E8 REGFLDTLVV	68	>CDKN2A-E8 RVGFLDTLVV	24457	24389
>CDKN2A-E8 LTRPVHDAAF	34531	>CDKN2A-E8 LTRPVHDAAF	159	34372
>CDKN2A-E8 LTRPVHDAAF	2496	>CDKN2A-E8 LTRPVHDAAF	55	2441
>CDKN2A-E8 LTRPVHDAAF	23856	>CDKN2A-E8 LTRPVHDAAF	391	23465
>CDKN2A-E8 LTRPVHDAAF	827	>CDKN2A-E8 LTRPVHDAAF	38	789
>CDKN2A-E8 LTRPVHDAAF	583	>CDKN2A-E8 LTRPVHDAAF	29	554
>CDKN2A-E8 AREGFLDTL	1353	>CDKN2A-E8 ARVGFLDTL	122	1231
>CDKN2A-E8 AREGFLDTLV	707	>CDKN2A-E8 ARVGFLDTLV	144	563
>CDKN2A-E8 AREGFLDTLV	3235	>CDKN2A-E8 ARVGFLDTLV	324	2911
>CDKN2A-E8 AREGFLDTL	503	>CDKN2A-E8 ARVGFLDTL	287	216
>CDKN2A-E8 AREGFLDTL	165	>CDKN2A-E8 ARVGFLDTL	196	31
>CDKN2A-E8 AREGFLDTL	63	>CDKN2A-E8 ARVGFLDTL	87	24
>CDKN2A-E8 AAREGFLDTL	408	>CDKN2A-E8 AARVGFLDTL	1869	1461
>CDKN2A-E8 AAREGFLDTL	252	>CDKN2A-E8 AARVGFLDTL	1646	1394
>CDKN2A-E8 AAREGFLDTL	342	>CDKN2A-E8 AARVGFLDTL	202	140
>CDKN2A-E8 AAREGFLDTL	203	>CDKN2A-E8 AARVGFLDTL	123	80
>CDKN2A-E8 AAREGFLDTL	53	>CDKN2A-E8 AARVGFLDTL	49	4
>CDKN2A-E8 DAAREGFL	1811	>CDKN2A-E8 DAARVGFL	102	1709

>CDKN2A-E8 DAAREGFLDT	1581	>CDKN2A-E8 DAARVGFLDT	201	1380
>CDKN2A-E8 HDAAREGFL	1055	>CDKN2A-E8 HDAARVGFL	171	884
>CDKN2A-E8 HDAAREGFL	169	>CDKN2A-E8 HDAARVGFL	129	40
>CDKN2A-E8 VHDAAREGFI	1646	>CDKN2A-E8 VHDAARVGF	438	1208
>CDKN2A-E8 PVHDAARE	32881	>CDKN2A-E8 PVHDAARV	100	32781
>CDKN2A-E8 RPVHDAARE	8669	>CDKN2A-E8 RPVHDAARV	82	8587
>CDKN2A-E8 RPVHDAARE(	58	>CDKN2A-E8 RPVHDAARV(	30	28
>CDKN2A-E8 RPVHDAARE(	287	>CDKN2A-E8 RPVHDAARV(	121	166
>CDKN2A-E8 RPVHDAARE(	112	>CDKN2A-E8 RPVHDAARV(	59	53
>CDKN2A-F9 FLDTLVVL	12	>CDKN2A-F9 LLDTLVVL	52	40
>CDKN2A-F9 FLDTLVVLHR,	12	>CDKN2A-F9 LLDTLVVLHR,	49	37
>CDKN2A-F9 FLDTLVVL	9	>CDKN2A-F9 LLDTLVVL	77	68
>CDKN2A-F9 FLDTLVVLHR,	7	>CDKN2A-F9 LLDTLVVLHR,	70	63
>CDKN2A-F9 FLDTLVVL	74	>CDKN2A-F9 LLDTLVVL	755	681
>CDKN2A-F9 FLDTLVVLHR,	24	>CDKN2A-F9 LLDTLVVLHR,	236	212
>CDKN2A-F9 FLDTLVVL	37	>CDKN2A-F9 LLDTLVVL	308	271
>CDKN2A-F9 FLDTLVVLHR,	68	>CDKN2A-F9 LLDTLVVLHR,	430	362
>CDKN2A-F9 FLDTLVVL	3	>CDKN2A-F9 LLDTLVVL	10	7
>CDKN2A-F9 FLDTLVVLHR,	3	>CDKN2A-F9 LLDTLVVLHR,	11	8
>CDKN2A-F9 FLDTLVVL	4	>CDKN2A-F9 LLDTLVVL	12	8
>CDKN2A-F9 FLDTLVVLHR,	9	>CDKN2A-F9 LLDTLVVLHR,	61	52
>CDKN2A-F9 FLDTLVVL	7	>CDKN2A-F9 LLDTLVVL	18	11
>CDKN2A-F9 FLDTLVVLHR,	8	>CDKN2A-F9 LLDTLVVLHR,	27	19
>CDKN2A-F9 FLDTLVVL	8	>CDKN2A-F9 LLDTLVVL	31	23
>CDKN2A-F9 FLDTLVVLHR,	19	>CDKN2A-F9 LLDTLVVLHR,	113	94
>CDKN2A-F9 FLDTLVVL	3	>CDKN2A-F9 LLDTLVVL	6	3
>CDKN2A-F9 FLDTLVVLHR,	3	>CDKN2A-F9 LLDTLVVLHR,	6	3
>CDKN2A-F9 FLDTLVVLHR	586	>CDKN2A-F9 LLDTLVVLHR	367	219
>CDKN2A-F9 FLDTLVVLHR	354	>CDKN2A-F9 LLDTLVVLHR	1631	1277
>CDKN2A-F9 FLDTLVVL	52	>CDKN2A-F9 LLDTLVVL	1274	1222
>CDKN2A-F9 FLDTLVVLHR	553	>CDKN2A-F9 LLDTLVVLHR	489	64
>CDKN2A-F9 FLDTLVVLHR	272	>CDKN2A-F9 LLDTLVVLHR	350	78
>CDKN2A-F9 GFLDTLVV	4489	>CDKN2A-F9 GLLDTLVV	11	4478
>CDKN2A-F9 GFLDTLVVL	9024	>CDKN2A-F9 GLLDTLVVL	15	9009
>CDKN2A-F9 GFLDTLVV	3190	>CDKN2A-F9 GLLDTLVV	64	3126
>CDKN2A-F9 GFLDTLVVL	2877	>CDKN2A-F9 GLLDTLVVL	50	2827
>CDKN2A-F9 GFLDTLVV	8492	>CDKN2A-F9 GLLDTLVV	18	8474
>CDKN2A-F9 GFLDTLVVL	16327	>CDKN2A-F9 GLLDTLVVL	87	16240
>CDKN2A-F9 GFLDTLVV	1989	>CDKN2A-F9 GLLDTLVV	10	1979
>CDKN2A-F9 GFLDTLVVL	4792	>CDKN2A-F9 GLLDTLVVL	15	4777
>CDKN2A-F9 GFLDTLVV	313	>CDKN2A-F9 GLLDTLVV	2	311
>CDKN2A-F9 GFLDTLVVL	1991	>CDKN2A-F9 GLLDTLVVL	3	1988
>CDKN2A-F9 GFLDTLVV	494	>CDKN2A-F9 GLLDTLVV	2	492

>CDKN2A-F9 GFLDTLVVL	1686	>CDKN2A-F9 GLLDTLVVL	3	1683
>CDKN2A-F9 GFLDTLVV	110	>CDKN2A-F9 GLLDTLVV	4	106
>CDKN2A-F9 GFLDTLVVL	1473	>CDKN2A-F9 GLLDTLVVL	6	1467
>CDKN2A-F9 GFLDTLVV	2884	>CDKN2A-F9 GLLDTLVV	3	2881
>CDKN2A-F9 GFLDTLVVL	8499	>CDKN2A-F9 GLLDTLVVL	5	8494
>CDKN2A-F9 GFLDTLVV	221	>CDKN2A-F9 GLLDTLVV	2	219
>CDKN2A-F9 GFLDTLVVL	2258	>CDKN2A-F9 GLLDTLVVL	2	2256
>CDKN2A-F9 GFLDTLVVL	298	>CDKN2A-F9 GLLDTLVVL	9107	8809
>CDKN2A-F9 GFLDTLVVL	75	>CDKN2A-F9 GLLDTLVVL	12258	12183
>CDKN2A-F9 GFLDTLVVLH	38	>CDKN2A-F9 GLLDTLVVLH	140	102
>CDKN2A-F9 GFLDTLVVLH	421	>CDKN2A-F9 GLLDTLVVLH	1958	1537
>CDKN2A-F9 GFLDTLVVLH	77	>CDKN2A-F9 GLLDTLVVLH	275	198
>CDKN2A-F9 RPVHDAARE	58	>CDKN2A-F9 RPVHDAARE	23	35
>CDKN2A-F9 RPVHDAARE	287	>CDKN2A-F9 RPVHDAARE	4920	4633
>CDKN2A-F9 RPVHDAARE	112	>CDKN2A-F9 RPVHDAARE	1780	1668
>CDKN2A-F9 EGFLDTLV	135	>CDKN2A-F9 EGLLDTLV	3354	3219
>CDKN2A-F9 REGFLDTLV	1564	>CDKN2A-F9 REGLLDTLV	478	1086
>CDKN2A-F9 REGFLDTL	13	>CDKN2A-F9 REGLLDTL	25	12
>CDKN2A-F9 REGFLDTLV	213	>CDKN2A-F9 REGLLDTLV	641	428
>CDKN2A-F9 REGFLDTLVV	14	>CDKN2A-F9 REGLLDTLVV	28	14
>CDKN2A-F9 REGFLDTL	99	>CDKN2A-F9 REGLLDTL	76	23
>CDKN2A-F9 REGFLDTLV	208	>CDKN2A-F9 REGLLDTLV	155	53
>CDKN2A-F9 REGFLDTLVV	264	>CDKN2A-F9 REGLLDTLVV	338	74
>CDKN2A-F9 REGFLDTLVV	63	>CDKN2A-F9 REGLLDTLVV	55	8
>CDKN2A-F9 REGFLDTLV	35	>CDKN2A-F9 REGLLDTLV	17	18
>CDKN2A-F9 REGFLDTLVV	89	>CDKN2A-F9 REGLLDTLVV	111	22
>CDKN2A-F9 REGFLDTLVV	68	>CDKN2A-F9 REGLLDTLVV	42	26
>CDKN2A-F9 AREGFLDTL	165	>CDKN2A-F9 AREGLLDTL	217	52
>CDKN2A-F9 AREGFLDTL	63	>CDKN2A-F9 AREGLLDTL	69	6
>CDKN2A-F9 AAREGFLDTL	620	>CDKN2A-F9 AAREGLLDTL	427	193
>CDKN2A-F9 AAREGFLDTL	408	>CDKN2A-F9 AAREGLLDTL	583	175
>CDKN2A-F9 AAREGFLDTL	252	>CDKN2A-F9 AAREGLLDTL	205	47
>CDKN2A-F9 AAREGFLDTL	342	>CDKN2A-F9 AAREGLLDTL	542	200
>CDKN2A-F9 AAREGFLDTL	203	>CDKN2A-F9 AAREGLLDTL	266	63
>CDKN2A-F9 AAREGFLDTL	53	>CDKN2A-F9 AAREGLLDTL	35	18
>CDKN2A-F9 HDAAREGFL	169	>CDKN2A-F9 HDAAREGFL	115	54
>CDKN2A-G1 GARLDVRDA	604	>CDKN2A-G1 WARLDVRDA	194	410
>CDKN2A-G1 GARLDVRDA	457	>CDKN2A-G1 WARLDVRDA	245	212
>CDKN2A-G1 GARLDVRDA	2771	>CDKN2A-G1 WARLDVRDA	415	2356
>CDKN2A-G1 AGARLDVRD	21955	>CDKN2A-G1 AWARLDVRD	381	21574
>CDKN2A-G1 AGARLDVRD	289	>CDKN2A-G1 AWARLDVRD	4342	4053
>CDKN2A-G1 AGARLDVR	6082	>CDKN2A-G1 AWARLDVR	120	5962
>CDKN2A-G1 AGARLDVRD	34196	>CDKN2A-G1 AWARLDVRD	138	34058

>CDKN2A-G1 RAGARLDV	3118	>CDKN2A-G1 RAWARLDV	456	2662
>CDKN2A-G1 RAGARLDVR	90	>CDKN2A-G1 RAWARLDVR	11	79
>CDKN2A-G1 RAGARLDV	5075	>CDKN2A-G1 RAWARLDV	284	4791
>CDKN2A-G1 RAGARLDVR	670	>CDKN2A-G1 RAWARLDVR	108	562
>CDKN2A-G1 HRAGARLDV	197	>CDKN2A-G1 HRAWARLDV	180	17
>CDKN2A-G1 HRAGARLDV	101	>CDKN2A-G1 HRAWARLDV	49	52
>CDKN2A-G1 HRAGARLDV	1203	>CDKN2A-G1 HRAWARLDV	163	1040
>CDKN2A-G1 HRAGARLDV	633	>CDKN2A-G1 HRAWARLDV	303	330
>CDKN2A-G1 VLHRAGARL	1276	>CDKN2A-G1 VLHRAWARL	102	1174
>CDKN2A-G1 VLHRAGARL	371	>CDKN2A-G1 VLHRAWARL	274	97
>CDKN2A-G1 VLHRAGARL	156	>CDKN2A-G1 VLHRAWARL	172	16
>CDKN2A-G1 VLHRAGARL	77	>CDKN2A-G1 VLHRAWARL	75	2
>CDKN2A-G1 VLHRAGARL	21	>CDKN2A-G1 VLHRAWARL	15	6
>CDKN2A-G1 VLHRAGARL	36	>CDKN2A-G1 VLHRAWARL	27	9
>CDKN2A-G1 VLHRAGARL	269	>CDKN2A-G1 VLHRAWARL	645	376
>CDKN2A-G1 VLHRAGARL	346	>CDKN2A-G1 VLHRAWARL	534	188
>CDKN2A-G1 VLHRAGARL	358	>CDKN2A-G1 VLHRAWARL	166	192
>CDKN2A-G1 VLHRAGARL	33	>CDKN2A-G1 VLHRAWARL	26	7
>CDKN2A-G1 VLHRAGARL	6	>CDKN2A-G1 VLHRAWARL	6	0
>CDKN2A-G1 VLHRAGARL	3	>CDKN2A-G1 VLHRAWARL	3	0
>CDKN2A-G1 VLHRAGARL	2379	>CDKN2A-G1 VLHRAWARL	475	1904
>CDKN2A-G1 VLHRAGAR	299	>CDKN2A-G1 VLHRAWAR	44	255
>CDKN2A-G1 VLHRAGAR	3139	>CDKN2A-G1 VLHRAWAR	403	2736
>CDKN2A-G1 VLHRAGAR	2512	>CDKN2A-G1 VLHRAWAR	452	2060
>CDKN2A-G1 VVLHRAGA	471	>CDKN2A-G1 VVLHRAWA	297	174
>CDKN2A-G1 VVLHRAGARI	1337	>CDKN2A-G1 VVLHRAWAR	308	1029
>CDKN2A-G1 VVLHRAGARI	998	>CDKN2A-G1 VVLHRAWAR	214	784
>CDKN2A-G1 VVLHRAGAR	2247	>CDKN2A-G1 VVLHRAWAR	276	1971
>CDKN2A-G1 VVLHRAGAR	225	>CDKN2A-G1 VVLHRAWAR	32	193
>CDKN2A-G1 VVLHRAGAR	576	>CDKN2A-G1 VVLHRAWAR	72	504
>CDKN2A-G1 VVLHRAGARI	129	>CDKN2A-G1 VVLHRAWAR	125	4
>CDKN2A-G1 VVLHRAGAR	1786	>CDKN2A-G1 VVLHRAWAR	257	1529
>CDKN2A-G1 LVVLHRAGAF	250	>CDKN2A-G1 LVVLHRAWA	90	160
>CDKN2A-G1 LVVLHRAGAF	1077	>CDKN2A-G1 LVVLHRAWA	491	586
>CDKN2A-G1 LVVLHRAGAF	873	>CDKN2A-G1 LVVLHRAWA	360	513
>CDKN2A-G1 LVVLHRAGAF	127	>CDKN2A-G1 LVVLHRAWA	16	111
>CDKN2A-G1 LVVLHRAGAF	1985	>CDKN2A-G1 LVVLHRAWA	226	1759
>CDKN2A-G1 LVVLHRAGAF	287	>CDKN2A-G1 LVVLHRAWA	28	259
>CDKN2A-G1 LVVLHRAG	23995	>CDKN2A-G1 LVVLHRAW	111	23884
>CDKN2A-G1 LVVLHRAGAF	435	>CDKN2A-G1 LVVLHRAWA	497	62
>CDKN2A-G1 LVVLHRAG	22314	>CDKN2A-G1 LVVLHRAW	382	21932
>CDKN2A-G1 LVVLHRAGAF	5290	>CDKN2A-G1 LVVLHRAWA	407	4883
>CDKN2A-G1 LVVLHRAGAF	1867	>CDKN2A-G1 LVVLHRAWA	415	1452

>CDKN2A-G1 TLVVLHRAGA	240	>CDKN2A-G1 TLVVLHRAW,	498	258
>CDKN2A-G1 TLVVLHRAGA	465	>CDKN2A-G1 TLVVLHRAW,	281	184
>CDKN2A-G1 TLVVLHRAGA	209	>CDKN2A-G1 TLVVLHRAW,	55	154
>CDKN2A-G1 TLVVLHRAGA	534	>CDKN2A-G1 TLVVLHRAW,	139	395
>CDKN2A-G1 TLVVLHRAGA	185	>CDKN2A-G1 TLVVLHRAW,	104	81
>CDKN2A-G1 TLVVLHRAGA	1170	>CDKN2A-G1 TLVVLHRAW,	262	908
>CDKN2A-G1 DTLVVLHRAC	27331	>CDKN2A-G1 DTLVVLHRAV	411	26920
>CDKN2A-G1 DTLVVLHRAC	197	>CDKN2A-G1 DTLVVLHRAV	449	252
>CDKN2A-G1 DTLVVLHRAC	65	>CDKN2A-G1 DTLVVLHRAV	202	137
>CDKN2A-G1 DTLVVLHRAC	26013	>CDKN2A-G1 DTLVVLHRAV	233	25780
>CDKN2A-G1 DTLVVLHRAC	24936	>CDKN2A-G1 DTLVVLHRAV	184	24752
>CDKN2A-G1 DTLVVLHRAC	33308	>CDKN2A-G1 DTLVVLHRAV	455	32853
>CDKN2A-G1 GRLPVDLAEE	202	>CDKN2A-G1 DRLPVDLAEE	3088	2886
>CDKN2A-G1 GRLPVDLAEE	194	>CDKN2A-G1 DRLPVDLAEE	1848	1654
>CDKN2A-G1 GRLPVDLAEE	29	>CDKN2A-G1 DRLPVDLAEE	661	632
>CDKN2A-G1 AWGRLPVDL	474	>CDKN2A-G1 AWDRLPVDL	3414	2940
>CDKN2A-G1 AWGRLPVDL	403	>CDKN2A-G1 AWDRLPVDL	411	8
>CDKN2A-G1 AWGRLPVDL	156	>CDKN2A-G1 AWDRLPVDL	156	0
>CDKN2A-G1 DAWGRLPV	260	>CDKN2A-G1 DAWDRLPV	207	53
>CDKN2A-G1 DAWGRLPV	24	>CDKN2A-G1 DAWDRLPV	13	11
>CDKN2A-G1 VRDAWGRLP	489	>CDKN2A-G1 VRDAWDRLP	1071	582
>CDKN2A-G1 DVRDAWGRI	456	>CDKN2A-G1 DVRDAWDRI	7780	7324
>CDKN2A-G1 DVRDAWGRI	277	>CDKN2A-G1 DVRDAWDRI	748	471
>CDKN2A-G1 DVRDAWGR	17	>CDKN2A-G1 DVRDAWDR	22	5
>CDKN2A-G1 DVRDAWGR	62	>CDKN2A-G1 DVRDAWDR	109	47
>CDKN2A-G1 DVRDAWGRI	208	>CDKN2A-G1 DVRDAWDRI	221	13
>CDKN2A-G1 DVRDAWGRI	198	>CDKN2A-G1 DVRDAWDRI	280	82
>CDKN2A-G1 LDVRDAWGF	477	>CDKN2A-G1 LDVRDAWDF	678	201
>CDKN2A-G1 RLDVRDAWC	802	>CDKN2A-G1 RLDVRDAWC	282	520
>CDKN2A-G1 RLDVRDAWC	122	>CDKN2A-G1 RLDVRDAWC	89	33
>CDKN2A-G1 RLDVRDAWC	805	>CDKN2A-G1 RLDVRDAWC	320	485
>CDKN2A-G1 RLDVRDAWC	227	>CDKN2A-G1 RLDVRDAWC	100	127
>CDKN2A-G1 RLDVRDAWC	91	>CDKN2A-G1 RLDVRDAWC	73	18
>CDKN2A-G1 RLDVRDAWC	120	>CDKN2A-G1 RLDVRDAWC	285	165
>CDKN2A-G1 RLDVRDAWC	92	>CDKN2A-G1 RLDVRDAWC	179	87
>CDKN2A-G1 RLDVRDAWC	293	>CDKN2A-G1 RLDVRDAWC	591	298
>CDKN2A-G1 ARLDVRDAW	89	>CDKN2A-G1 ARLDVRDAW	323	234
>CDKN2A-G1 GHRDVARYLI	282	>CDKN2A-G1 DHRDVARYLI	450	168
>CDKN2A-G1 GHRDVARYLI	4089	>CDKN2A-G1 DHRDVARYLI	291	3798
>CDKN2A-G1 LGHRDVARYI	415	>CDKN2A-G1 LDHRDVARYI	4547	4132
>CDKN2A-G1 LGHRDVARYI	152	>CDKN2A-G1 LDHRDVARYI	2503	2351
>CDKN2A-G1 LGHRDVARYI	409	>CDKN2A-G1 LDHRDVARYI	3687	3278
>CDKN2A-G1 ELGHRDVARYI	938	>CDKN2A-G1 ELDHRDVARYI	127	811

>CDKN2A-G1 ELGHRDVAR\	382	>CDKN2A-G1 ELDHRDVAR\	155	227
>CDKN2A-G1 ELGHRDVAR\	1150	>CDKN2A-G1 ELDHRDVAR\	427	723
>CDKN2A-G1 ELGHRDVAR\	477	>CDKN2A-G1 ELDHRDVAR\	594	117
>CDKN2A-G1 ELGHRDVAR\	274	>CDKN2A-G1 ELDHRDVAR\	3078	2804
>CDKN2A-G1 ELGHRDVAR\	413	>CDKN2A-G1 ELDHRDVAR\	609	196
>CDKN2A-G1 ELGHRDVAR	85	>CDKN2A-G1 ELDHRDVAR	107	22
>CDKN2A-G1 ELGHRDVAR	153	>CDKN2A-G1 ELDHRDVAR	175	22
>CDKN2A-G1 ELGHRDVAR	188	>CDKN2A-G1 ELDHRDVAR	1065	877
>CDKN2A-G1 EELGHRDV	193	>CDKN2A-G1 EELDHRDV	145	48
>CDKN2A-G1 EELGHRDVAF	86	>CDKN2A-G1 EELDHRDVAF	167	81
>CDKN2A-G1 EELGHRDVAF	177	>CDKN2A-G1 EELDHRDVAF	211	34
>CDKN2A-G1 EELGHRDVAF	121	>CDKN2A-G1 EELDHRDVAF	128	7
>CDKN2A-G1 EELGHRDV	54	>CDKN2A-G1 EELDHRDV	131	77
>CDKN2A-G1 EELGHRDVA	10	>CDKN2A-G1 EELDHRDVA	19	9
>CDKN2A-G1 EELGHRDVAF	471	>CDKN2A-G1 EELDHRDVAF	392	79
>CDKN2A-G1 AEELGHRDV	408	>CDKN2A-G1 AEELDHRDV	939	531
>CDKN2A-G1 AEELGHRDV	29	>CDKN2A-G1 AEELDHRDV	51	22
>CDKN2A-G1 AEELGHRDV/	39	>CDKN2A-G1 AEELDHRDV/	46	7
>CDKN2A-G1 AEELGHRDV	336	>CDKN2A-G1 AEELDHRDV	896	560
>CDKN2A-G1 LAEELGHR	532	>CDKN2A-G1 LAEELDHR	246	286
>CDKN2A-G1 DLAEELGHRC	265	>CDKN2A-G1 DLAEELDHR	264	1
>CDKN2A-G1 DLAEELGHRC	185	>CDKN2A-G1 DLAEELDHR	169	16
>CDKN2A-G1 DLAEELGHRC	418	>CDKN2A-G1 DLAEELDHR	284	134
>CDKN2A-G1 DLAEELGHRC	27	>CDKN2A-G1 DLAEELDHR	36	9
>CDKN2A-G1 DLAEELGHR	124	>CDKN2A-G1 DLAEELDHR	201	77
>CDKN2A-G1 DLAEELGHR	182	>CDKN2A-G1 DLAEELDHR	95	87
>CDKN2A-G1 LPVDLAEELG	86	>CDKN2A-G1 LPVDLAEELD	103	17
>CDKN2A-G1 GHRDVARYLF	282	>CDKN2A-G1 SHRDVARYLF	88	194
>CDKN2A-G1 LGHRDVARY	8474	>CDKN2A-G1 LSHRDVARY	20	8454
>CDKN2A-G1 LGHRDVARY	415	>CDKN2A-G1 LSHRDVARY	97	318
>CDKN2A-G1 LGHRDVAR	1027	>CDKN2A-G1 LSHRDVAR	60	967
>CDKN2A-G1 LGHRDVARYL	152	>CDKN2A-G1 LSHRDVARYL	20	132
>CDKN2A-G1 LGHRDVAR	2888	>CDKN2A-G1 LSHRDVAR	212	2676
>CDKN2A-G1 LGHRDVARYL	745	>CDKN2A-G1 LSHRDVARYL	47	698
>CDKN2A-G1 LGHRDVARY	409	>CDKN2A-G1 LSHRDVARY	122	287
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>CDKN2A-G1 LGHRDVARY	2036	>CDKN2A-G1 LSHRDVARY	7	2029
>CDKN2A-G1 LGHRDVARYL	12743	>CDKN2A-G1 LSHRDVARYL	105	12638
>CDKN2A-G1 LGHRDVARY	7463	>CDKN2A-G1 LSHRDVARY	237	7226
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>CDKN2A-G1 LGHRDVARY	1736	>CDKN2A-G1 LSHRDVARY	117	1619
>CDKN2A-G1 ELGHRDVAR\	938	>CDKN2A-G1 ELSHRDVARY	248	690
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>CDKN2A-G1 ELGHRDVAR\	382	>CDKN2A-G1 ELSHRDVARY	568	186
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>CDKN2A-G1 ELGHRDVAR\	1035	>CDKN2A-G1 ELSHRDVARY	434	601
>CDKN2A-G1 ELGHRDVAR\	274	>CDKN2A-G1 ELSHRDVARY	278	4
>CDKN2A-G1 ELGHRDVAR\	413	>CDKN2A-G1 ELSHRDVARY	276	137
>CDKN2A-G1 ELGHRDVAR	85	>CDKN2A-G1 ELSHRDVAR	38	47
>CDKN2A-G1 ELGHRDVAR	153	>CDKN2A-G1 ELSHRDVAR	25	128
>CDKN2A-G1 ELGHRDVAR\	3655	>CDKN2A-G1 ELSHRDVARY	479	3176
>CDKN2A-G1 ELGHRDVAR\	608	>CDKN2A-G1 ELSHRDVARY	378	230
>CDKN2A-G1 ELGHRDVAR	188	>CDKN2A-G1 ELSHRDVAR	305	117
>CDKN2A-G1 EELGHRDV	193	>CDKN2A-G1 EELSHRDV	177	16
>CDKN2A-G1 EELGHRDVAF	86	>CDKN2A-G1 EELSHRDVAR	115	29
>CDKN2A-G1 EELGHRDVAF	177	>CDKN2A-G1 EELSHRDVAR	356	179
>CDKN2A-G1 EELGHRDVAF	121	>CDKN2A-G1 EELSHRDVAR	123	2
>CDKN2A-G1 EELGHRDV	54	>CDKN2A-G1 EELSHRDV	83	29
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>CDKN2A-G1 EELGHRDVAF	471	>CDKN2A-G1 EELSHRDVAR	587	116
>CDKN2A-G1 AEELGHRDV	408	>CDKN2A-G1 AEELSHRDV	719	311
>CDKN2A-G1 AEELGHRDV	29	>CDKN2A-G1 AEELSHRDV	23	6
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>CDKN2A-G1 DLAEELGHRC	265	>CDKN2A-G1 DLAEELSHRD	232	33
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>CDKN2A-G1 DLAEELGHRC	418	>CDKN2A-G1 DLAEELSHRD	291	127
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>CDKN2A-G1 LPVDLAEELG	86	>CDKN2A-G1 LPVDLAEELSH	49	37
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>CDKN2A-G1 DVARYLRAA\	8202	>CDKN2A-G1 DVARYLRAA\	211	7991
>CDKN2A-G1 RAAAGGTR	82	>CDKN2A-G1 RAAAAGTR	96	14
>CDKN2A-G1 RAAAGGTR	423	>CDKN2A-G1 RAAAAGTR	148	275
>CDKN2A-G1 LRAAAGGTR	199	>CDKN2A-G1 LRAAAAAGTR	140	59
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>CDKN2A-G1 YLRAAAGGT	1645	>CDKN2A-G1 YLRAAAAAGT	358	1287
>CDKN2A-G1 YLRAAAGGT	128	>CDKN2A-G1 YLRAAAAAGT	11	117
>CDKN2A-G1 YLRAAAGG	920	>CDKN2A-G1 YLRAAAAAG	237	683
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>CDKN2A-G1 RYLRAAAG	414	>CDKN2A-G1 RYLRAAAA	199	215
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>CDKN2A-G1 RAAAGGTR	423	>CDKN2A-G1 RAAAEGR	327	96
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>CDKN2A-G1 YLRAAAGGT	48	>CDKN2A-G1 YLRAAAEGT	98	50
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>CDKN2A-G1 YLRAAAGGT	128	>CDKN2A-G1 YLRAAAEGT	33	95
>CDKN2A-G1 YLRAAAGGT	231	>CDKN2A-G1 YLRAAAEGTR	300	69
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>CDKN2A-G1 RYLRAAAGG†	218	>CDKN2A-G1 RYLRAAAGD†	223	5
>CDKN2A-G1 RYLRAAAGG†	128	>CDKN2A-G1 RYLRAAAGD†	118	10
>CDKN2A-G1 RYLRAAAGG	315	>CDKN2A-G1 RYLRAAAGD	1769	1454
>CDKN2A-G1 RYLRAAAGG†	96	>CDKN2A-G1 RYLRAAAGD†	407	311
>CDKN2A-G1 RYLRAAAGG†	24	>CDKN2A-G1 RYLRAAAGD†	39	15
>CDKN2A-G1 RYLRAAAGG†	33	>CDKN2A-G1 RYLRAAAGD†	33	0
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>CDKN2A-G1 GTRGSNHAR	28	>CDKN2A-G1 STRGSNHAR	21	7
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>CDKN2A-G1 RYLRAAAGG†	218	>CDKN2A-G1 RYLRAAAGST	118	100
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>CDKN2A-G1 RYLRAAAGG†	96	>CDKN2A-G1 RYLRAAAGST	76	20
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>CDKN2A-G2 AAARGRVEE\	434	>CDKN2A-G2 AAARDRVEE\	746	312
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>CDKN2A-G2 ATAAARGRV	1588	>CDKN2A-G2 ATAAARDRV	279	1309
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>CDKN2A-G3 GALPNAPNS\	10763	>CDKN2A-G3 EALPNAPNSY	305	10458
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>CDKN2A-G3 GALPNAPNS\	19	>CDKN2A-G3 EALPNAPNSY	43	24
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>CDKN2A-G3 LEAGALPN	413	>CDKN2A-G3 LEAEALPN	308	105
>CDKN2A-G3 LEAGALPNA	569	>CDKN2A-G3 LEAEALPNA	267	302
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>CDKN2A-G3 LLEAGALPNA	507	>CDKN2A-G3 LLEAEALPNA	374	133
>CDKN2A-G3 LLEAGALPNA	10	>CDKN2A-G3 LLEAEALPNA	20	10
>CDKN2A-G3 ALLEAGAL	92	>CDKN2A-G3 ALLEAEAL	33	59
>CDKN2A-G3 ALLEAGALPN	22	>CDKN2A-G3 ALLEAEALPN	18	4
>CDKN2A-G3 ALLEAGAL	67	>CDKN2A-G3 ALLEAEAL	20	47
>CDKN2A-G3 ALLEAGALPN	87	>CDKN2A-G3 ALLEAEALPN	84	3
>CDKN2A-G3 ALLEAGAL	61	>CDKN2A-G3 ALLEAEAL	179	118
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>CDKN2A-G3 ALLEAGAL	40	>CDKN2A-G3 ALLEAEAL	20	20
>CDKN2A-G3 ALLEAGALPN	13	>CDKN2A-G3 ALLEAEALPN	16	3
>CDKN2A-G3 ALLEAGAL	4	>CDKN2A-G3 ALLEAEAL	3	1
>CDKN2A-G3 ALLEAGALPN	5	>CDKN2A-G3 ALLEAEALPN	6	1
>CDKN2A-G3 ALLEAGAL	8	>CDKN2A-G3 ALLEAEAL	6	2
>CDKN2A-G3 ALLEAGALPN	19	>CDKN2A-G3 ALLEAEALPN	19	0
>CDKN2A-G3 ALLEAGAL	16	>CDKN2A-G3 ALLEAEAL	10	6
>CDKN2A-G3 ALLEAGALPN	6	>CDKN2A-G3 ALLEAEALPN	6	0
>CDKN2A-G3 ALLEAGAL	29	>CDKN2A-G3 ALLEAEAL	7	22
>CDKN2A-G3 ALLEAGALPN	15	>CDKN2A-G3 ALLEAEALPN	12	3
>CDKN2A-G3 ALLEAGAL	5	>CDKN2A-G3 ALLEAEAL	4	1
>CDKN2A-G3 ALLEAGALPN	4	>CDKN2A-G3 ALLEAEALPN	4	0
>CDKN2A-G3 ALLEAGAL	2518	>CDKN2A-G3 ALLEAEAL	444	2074
>CDKN2A-G3 RALLEAGAL	18	>CDKN2A-G3 RALLEAEAL	24	6
>CDKN2A-G3 VRALLEAGAL	145	>CDKN2A-G3 VRALLEAEAL	411	266
>CDKN2A-G3 VRALLEAGAL	515	>CDKN2A-G3 VRALLEAEAL	376	139
>CDKN2A-G3 VRALLEAGAL	289	>CDKN2A-G3 VRALLEAEAL	1005	716
>CDKN2A-G3 EVRALLEAGA	51	>CDKN2A-G3 EVRALLEAEA	59	8
>CDKN2A-G3 EVRALLEAGA	293	>CDKN2A-G3 EVRALLEAEA	453	160
>CDKN2A-G3 EVRALLEAGA	497	>CDKN2A-G3 EVRALLEAEA	564	67
>CDKN2A-G3 EVRALLEAGA	890	>CDKN2A-G3 EVRALLEAEA	444	446
>CDKN2A-G3 EEVRALLEAG	18	>CDKN2A-G3 EEVRALLEAEA	15	3
>CDKN2A-G3 GALPNAPNS\	6262	>CDKN2A-G3 RALPNAPNSY	166	6096
>CDKN2A-G3 GALPNAPNS\	951	>CDKN2A-G3 RALPNAPNSY	176	775
>CDKN2A-G3 GALPNAPNS\	1531	>CDKN2A-G3 RALPNAPNSY	340	1191
>CDKN2A-G3 GALPNAPNS\	280	>CDKN2A-G3 RALPNAPNSY	21	259
>CDKN2A-G3 GALPNAPNS	8964	>CDKN2A-G3 RALPNAPNS	388	8576
>CDKN2A-G3 GALPNAPNS\	19	>CDKN2A-G3 RALPNAPNSY	4	15
>CDKN2A-G3 GALPNAPNS\	1947	>CDKN2A-G3 RALPNAPNSY	125	1822
>CDKN2A-G3 GALPNAPNS\	3870	>CDKN2A-G3 RALPNAPNSY	42	3828
>CDKN2A-G3 GALPNAPNS\	513	>CDKN2A-G3 RALPNAPNSY	86	427
>CDKN2A-G3 AGALPNAPN\	136	>CDKN2A-G3 ARALPNAPNS	528	392
>CDKN2A-G3 AGALPNAPN\	1733	>CDKN2A-G3 ARALPNAPNS	56	1677
>CDKN2A-G3 EAGALPNA	470	>CDKN2A-G3 EARALPNA	2837	2367

>CDKN2A-G3 LEAGALPN	413	>CDKN2A-G3 LEARALPN	1841	1428
>CDKN2A-G3 LEAGALPNA	80	>CDKN2A-G3 LEARALPNA	129	49
>CDKN2A-G3 LEAGALPNA	312	>CDKN2A-G3 LEARALPNA	185	127
>CDKN2A-G3 LLEAGALPNA	371	>CDKN2A-G3 LLEARALPNA	1328	957
>CDKN2A-G3 LLEAGALPNA	241	>CDKN2A-G3 LLEARALPNA	987	746
>CDKN2A-G3 LLEAGALPNA	249	>CDKN2A-G3 LLEARALPNA	372	123
>CDKN2A-G3 LLEAGALPNA	10	>CDKN2A-G3 LLEARALPNA	21	11
>CDKN2A-G3 ALLEAGAL	92	>CDKN2A-G3 ALLEARAL	136	44
>CDKN2A-G3 ALLEAGALPN	22	>CDKN2A-G3 ALLEARALPN	33	11
>CDKN2A-G3 ALLEAGAL	67	>CDKN2A-G3 ALLEARAL	109	42
>CDKN2A-G3 ALLEAGALPN	87	>CDKN2A-G3 ALLEARALPN	174	87
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>CDKN2A-G3 ALLEAGALPN	13	>CDKN2A-G3 ALLEARALPN	22	9
>CDKN2A-G3 ALLEAGAL	4	>CDKN2A-G3 ALLEARAL	7	3
>CDKN2A-G3 ALLEAGALPN	5	>CDKN2A-G3 ALLEARALPN	14	9
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>CDKN2A-G3 ALLEAGALPN	19	>CDKN2A-G3 ALLEARALPN	62	43
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>CDKN2A-G3 ALLEAGALPN	6	>CDKN2A-G3 ALLEARALPN	10	4
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>CDKN2A-G3 ALLEAGALPN	15	>CDKN2A-G3 ALLEARALPN	38	23
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>CDKN2A-G3 ALLEAGALPN	4	>CDKN2A-G3 ALLEARALPN	5	1
>CDKN2A-G3 ALLEAGALPN	1253	>CDKN2A-G3 ALLEARALPN	444	809
>CDKN2A-G3 RALLEAGAL	18	>CDKN2A-G3 RALLEARAL	17	1
>CDKN2A-G3 VRALLEAGAL	145	>CDKN2A-G3 VRALLEARAL	239	94
>CDKN2A-G3 VRALLEAGAL	289	>CDKN2A-G3 VRALLEARAL	557	268
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>CDKN2A-G3 EVRALLEAGA	293	>CDKN2A-G3 EVRALLEARA	226	67
>CDKN2A-G3 EVRALLEAG	22828	>CDKN2A-G3 EVRALLEAR	320	22508
>CDKN2A-G3 EVRALLEAG	25702	>CDKN2A-G3 EVRALLEAR	29	25673
>CDKN2A-G3 EVRALLEAG	31541	>CDKN2A-G3 EVRALLEAR	25	31516
>CDKN2A-G3 EVRALLEAGA	497	>CDKN2A-G3 EVRALLEARA	588	91
>CDKN2A-G3 EEVRALLEAG	18	>CDKN2A-G3 EEVRALLEAR	26	8
>CDKN2A-G3 GALPNAPNS\	951	>CDKN2A-G3 VALPNAPNSY	404	547
>CDKN2A-G3 GALPNAPNS\	280	>CDKN2A-G3 VALPNAPNSY	56	224
>CDKN2A-G3 GALPNAPNS\	19	>CDKN2A-G3 VALPNAPNSY	8	11
>CDKN2A-G3 GALPNAPNS\	3870	>CDKN2A-G3 VALPNAPNSY	402	3468
>CDKN2A-G3 GALPNAPNS\	513	>CDKN2A-G3 VALPNAPNSY	351	162
>CDKN2A-G3 AGALPNAPN!	12499	>CDKN2A-G3 AVALPNAPN!	450	12049
>CDKN2A-G3 AGALPNAPN!	14089	>CDKN2A-G3 AVALPNAPN!	39	14050

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>CDKN2A-G3 AGALPNAPN:	980	>CDKN2A-G3 AVALPNAPN:	263	717
>CDKN2A-G3 AGALPNAPN:	1737	>CDKN2A-G3 AVALPNAPN:	399	1338
>CDKN2A-G3 AGALPNAPN:	939	>CDKN2A-G3 AVALPNAPN:	284	655
>CDKN2A-G3 VEEVRALLEA'	15278	>CDKN2A-G3 VEEVRALLEA'	109	15169
>CDKN2A-G3 VEEVRALLEA'	16509	>CDKN2A-G3 VEEVRALLEA'	355	16154
>CDKN2A-G3 VEEVRALLEA'	9512	>CDKN2A-G3 VEEVRALLEA'	71	9441
>CDKN2A-G3 EAGALPNA	3759	>CDKN2A-G3 EAVALPNA	267	3492
>CDKN2A-G3 EAGALPNA	470	>CDKN2A-G3 EAVALPNA	133	337
>CDKN2A-G3 LEAGALPN	413	>CDKN2A-G3 LEAVALPN	785	372
>CDKN2A-G3 LEAGALPNA	80	>CDKN2A-G3 LEAVALPNA	98	18
>CDKN2A-G3 LEAGALPNA	312	>CDKN2A-G3 LEAVALPNA	85	227
>CDKN2A-G3 LLEAGALPNA	371	>CDKN2A-G3 LLEAVALPNA	552	181
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>CDKN2A-G3 LLEAGALPNA	249	>CDKN2A-G3 LLEAVALPNA	267	18
>CDKN2A-G3 LLEAGALPNA	507	>CDKN2A-G3 LLEAVALPNA	405	102
>CDKN2A-G3 LLEAGALPNA	584	>CDKN2A-G3 LLEAVALPNA	350	234
>CDKN2A-G3 LLEAGALPNA	575	>CDKN2A-G3 LLEAVALPNA	490	85
>CDKN2A-G3 LLEAGALPNA	10	>CDKN2A-G3 LLEAVALPNA	22	12
>CDKN2A-G3 ALLEAGAL	92	>CDKN2A-G3 ALLEAVAL	18	74
>CDKN2A-G3 ALLEAGALPN	22	>CDKN2A-G3 ALLEAVALPN	14	8
>CDKN2A-G3 ALLEAGAL	67	>CDKN2A-G3 ALLEAVAL	15	52
>CDKN2A-G3 ALLEAGALP	2318	>CDKN2A-G3 ALLEAVALP	460	1858
>CDKN2A-G3 ALLEAGALPN	87	>CDKN2A-G3 ALLEAVALPN	45	42
>CDKN2A-G3 ALLEAGAL	61	>CDKN2A-G3 ALLEAVAL	42	19
>CDKN2A-G3 ALLEAGALPN	26	>CDKN2A-G3 ALLEAVALPN	15	11
>CDKN2A-G3 ALLEAGAL	40	>CDKN2A-G3 ALLEAVAL	10	30
>CDKN2A-G3 ALLEAGALPN	13	>CDKN2A-G3 ALLEAVALPN	11	2
>CDKN2A-G3 ALLEAGAL	4	>CDKN2A-G3 ALLEAVAL	2	2
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>CDKN2A-G3 ALLEAGAL	8	>CDKN2A-G3 ALLEAVAL	4	4
>CDKN2A-G3 ALLEAGALPN	19	>CDKN2A-G3 ALLEAVALPN	16	3
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>CDKN2A-G3 ALLEAGALPN	6	>CDKN2A-G3 ALLEAVALPN	6	0
>CDKN2A-G3 ALLEAGAL	29	>CDKN2A-G3 ALLEAVAL	5	24
>CDKN2A-G3 ALLEAGALPN	15	>CDKN2A-G3 ALLEAVALPN	6	9
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>CDKN2A-G3 ALLEAGALPN	4	>CDKN2A-G3 ALLEAVALPN	4	0
>CDKN2A-G3 ALLEAGAL	2518	>CDKN2A-G3 ALLEAVAL	116	2402
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>CDKN2A-G3 RALLEAGAL	5852	>CDKN2A-G3 RALLEAVAL	287	5565
>CDKN2A-G3 RALLEAGAL	18	>CDKN2A-G3 RALLEAVAL	11	7
>CDKN2A-G3 RALLEAGAL	2340	>CDKN2A-G3 RALLEAVAL	445	1895
>CDKN2A-G3 VRALLEAGAL	145	>CDKN2A-G3 VRALLEAVAL	240	95
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>CDKN2A-G3 VRALLEAGAL	289	>CDKN2A-G3 VRALLEAVAL	489	200
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>CDKN2A-G3 EVRALLEAGA	51	>CDKN2A-G3 EVRALLEAVA	122	71
>CDKN2A-G3 EVRALLEAGA	293	>CDKN2A-G3 EVRALLEAVA	304	11
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>CDKN2A-G3 EVRALLEAGA	497	>CDKN2A-G3 EVRALLEAVA	977	480
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>CDKN2A-G3 EVRALLEAG	16803	>CDKN2A-G3 EVRALLEAV	58	16745
>CDKN2A-G3 EEVRALLEAG	17056	>CDKN2A-G3 EEVRALLEAV	77	16979
>CDKN2A-G3 EEVRALLEAG	18	>CDKN2A-G3 EEVRALLEAV	12	6
>CDKN2A-G4 GRRPIQVM	317	>CDKN2A-G4 DRRPIQVM	1182	865
>CDKN2A-G4 GRRPIQVM	485	>CDKN2A-G4 DRRPIQVM	1319	834
>CDKN2A-G4 GRRPIQVM	365	>CDKN2A-G4 DRRPIQVM	1336	971
>CDKN2A-G4 GRRPIQVM	314	>CDKN2A-G4 DRRPIQVM	3352	3038
>CDKN2A-G4 GRRPIQVM	115	>CDKN2A-G4 DRRPIQVM	1368	1253
>CDKN2A-G4 GRRPIQVM	203	>CDKN2A-G4 DRRPIQVM	3429	3226
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>CDKN2A-G4 GRRPIQVM	213	>CDKN2A-G4 DRRPIQVM	1757	1544
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>CDKN2A-G4 GRRPIQVM	34	>CDKN2A-G4 DRRPIQVM	734	700
>CDKN2A-G4 GRRPIQVM	222	>CDKN2A-G4 DRRPIQVM	1385	1163
>CDKN2A-G4 YGRRPIQVM	395	>CDKN2A-G4 YDRRPIQVM	4005	3610
>CDKN2A-G4 YGRRPIQVM	343	>CDKN2A-G4 YDRRPIQVM	3540	3197
>CDKN2A-G4 YGRRPIQVM	262	>CDKN2A-G4 YDRRPIQVM	516	254
>CDKN2A-G4 YGRRPIQVM	425	>CDKN2A-G4 YDRRPIQVM	788	363
>CDKN2A-G4 YGRRPIQVM	44	>CDKN2A-G4 YDRRPIQVM	132	88
>CDKN2A-G4 YGRRPIQVM	45	>CDKN2A-G4 YDRRPIQVM	249	204
>CDKN2A-G4 YGRRPIQVM	37	>CDKN2A-G4 YDRRPIQVM	103	66
>CDKN2A-G4 SYGRRPIQVM	136	>CDKN2A-G4 SYDRRPIQVM	1105	969
>CDKN2A-G4 SYGRRPIQVM	74	>CDKN2A-G4 SYDRRPIQVM	575	501
>CDKN2A-G4 NSYGRRPIQV	264	>CDKN2A-G4 NSYDRRPIQV	238	26
>CDKN2A-G4 NSYGRRPIQV	485	>CDKN2A-G4 NSYDRRPIQV	794	309
>CDKN2A-G4 NSYGRRPI	511	>CDKN2A-G4 NSYDRRPI	410	101
>CDKN2A-G4 NSYGRRPIQV	408	>CDKN2A-G4 NSYDRRPIQV	128	280
>CDKN2A-G4 NSYGRRPIQV	132	>CDKN2A-G4 NSYDRRPIQV	96	36
>CDKN2A-G4 NSYGRRPIQV	495	>CDKN2A-G4 NSYDRRPIQV	423	72



>CDKN2A-G4 NSYGRRPIQV	251	>CDKN2A-G4 NSYDRRPIQV	310	59
>CDKN2A-G4 NSYGRRPI	104	>CDKN2A-G4 NSYDRRPI	73	31
>CDKN2A-G4 APNSYGRRPI	20	>CDKN2A-G4 APNSYDRRPI	49	29
>CDKN2A-G4 NAPNSYGR	65	>CDKN2A-G4 NAPNSYDR	101	36
>CDKN2A-G4 NAPNSYGRR	147	>CDKN2A-G4 NAPNSYDRR	66	81
>CDKN2A-G4 NAPNSYGRRR	266	>CDKN2A-G4 NAPNSYDRRI	281	15
>CDKN2A-G4 PNAPNSYGR	320	>CDKN2A-G4 PNAPNSYDR	1500	1180
>CDKN2A-G4 LPNAPNSYGF	472	>CDKN2A-G4 LPNAPNSYDF	751	279
>CDKN2A-G4 LPNAPNSYG	457	>CDKN2A-G4 LPNAPNSYD	833	376
>CDKN2A-G4 GRRPIQVM	317	>CDKN2A-G4 SRRPIQVM	114	203
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>CDKN2A-G4 GRRPIQVMM	365	>CDKN2A-G4 SRRPIQVMM	138	227
>CDKN2A-G4 GRRPIQVM	314	>CDKN2A-G4 SRRPIQVM	528	214
>CDKN2A-G4 GRRPIQVMM	115	>CDKN2A-G4 SRRPIQVMM	180	65
>CDKN2A-G4 GRRPIQVMM	203	>CDKN2A-G4 SRRPIQVMM	350	147
>CDKN2A-G4 GRRPIQVMM	250	>CDKN2A-G4 SRRPIQVMM	242	8
>CDKN2A-G4 GRRPIQVMM	213	>CDKN2A-G4 SRRPIQVMM	245	32
>CDKN2A-G4 GRRPIQVMM	455	>CDKN2A-G4 SRRPIQVMM	630	175
>CDKN2A-G4 GRRPIQVMM	34	>CDKN2A-G4 SRRPIQVMM	70	36
>CDKN2A-G4 GRRPIQVMM	222	>CDKN2A-G4 SRRPIQVMM	298	76
>CDKN2A-G4 YGRRPIQVM	11442	>CDKN2A-G4 YSRRPIQVM	50	11392
>CDKN2A-G4 YGRRPIQVMI	19318	>CDKN2A-G4 YSRRPIQVMI	417	18901
>CDKN2A-G4 YGRRPIQVMI	16895	>CDKN2A-G4 YSRRPIQVMI	212	16683
>CDKN2A-G4 YGRRPIQV	1266	>CDKN2A-G4 YSRRPIQV	62	1204
>CDKN2A-G4 YGRRPIQVM	3226	>CDKN2A-G4 YSRRPIQVM	168	3058
>CDKN2A-G4 YGRRPIQVMI	3083	>CDKN2A-G4 YSRRPIQVMI	184	2899
>CDKN2A-G4 YGRRPIQVMI	1516	>CDKN2A-G4 YSRRPIQVMI	70	1446
>CDKN2A-G4 YGRRPIQVM	395	>CDKN2A-G4 YSRRPIQVM	293	102
>CDKN2A-G4 YGRRPIQVM	343	>CDKN2A-G4 YSRRPIQVM	85	258
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>CDKN2A-G4 YGRRPIQVMI	1352	>CDKN2A-G4 YSRRPIQVMI	253	1099
>CDKN2A-G4 YGRRPIQV	5440	>CDKN2A-G4 YSRRPIQV	349	5091
>CDKN2A-G4 YGRRPIQVM	262	>CDKN2A-G4 YSRRPIQVM	17	245
>CDKN2A-G4 YGRRPIQVMI	597	>CDKN2A-G4 YSRRPIQVMI	33	564
>CDKN2A-G4 YGRRPIQVMI	425	>CDKN2A-G4 YSRRPIQVMI	27	398
>CDKN2A-G4 YGRRPIQV	12074	>CDKN2A-G4 YSRRPIQV	95	11979
>CDKN2A-G4 YGRRPIQVM	1252	>CDKN2A-G4 YSRRPIQVM	10	1242
>CDKN2A-G4 YGRRPIQVMI	1644	>CDKN2A-G4 YSRRPIQVMI	9	1635
>CDKN2A-G4 YGRRPIQVMI	890	>CDKN2A-G4 YSRRPIQVMI	7	883
>CDKN2A-G4 YGRRPIQVM	44	>CDKN2A-G4 YSRRPIQVM	6	38
>CDKN2A-G4 YGRRPIQVMI	45	>CDKN2A-G4 YSRRPIQVMI	18	27
>CDKN2A-G4 YGRRPIQVMI	37	>CDKN2A-G4 YSRRPIQVMI	6	31
>CDKN2A-G4 SYGRRPIQVM	1035	>CDKN2A-G4 SYSRRPIQVM	285	750

>CDKN2A-G4SYGRRPIQVM	780	>CDKN2A-G4SYSRRPIQVM	228	552
>CDKN2A-G4SYGRRPIQVM	136	>CDKN2A-G4SYSRRPIQVM	152	16
>CDKN2A-G4SYGRRPIQVM	74	>CDKN2A-G4SYSRRPIQVM	83	9
>CDKN2A-G4NSYGRRPIQV	264	>CDKN2A-G4NSYSRRPIQV	169	95
>CDKN2A-G4NSYGRRPIQV	485	>CDKN2A-G4NSYSRRPIQV	588	103
>CDKN2A-G4NSYGRRPIQV	408	>CDKN2A-G4NSYSRRPIQV	246	162
>CDKN2A-G4NSYGRRPIQV	1044	>CDKN2A-G4NSYSRRPIQV	186	858
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>CDKN2A-G4NSYGRRPIQV	251	>CDKN2A-G4NSYSRRPIQV	104	147
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>CDKN2A-G4APNSYGRRI	544	>CDKN2A-G4APNSYSRRPI	182	362
>CDKN2A-G4NAPNSYGR	65	>CDKN2A-G4NAPNSYSR	45	20
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>CDKN2A-G4NAPNSYGRRI	266	>CDKN2A-G4NAPNSYSRRF	207	59
>CDKN2A-G4PNAPNSYGR	320	>CDKN2A-G4PNAPNSYSR	739	419
>CDKN2A-G4LPNAPNSYGF	472	>CDKN2A-G4LPNAPNSYSR	506	34
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>CDKN2A-G5GSARVAEL	6789	>CDKN2A-G5RSARVAEL	270	6519
>CDKN2A-G5GSARVAELL	5595	>CDKN2A-G5RSARVAELL	226	5369
>CDKN2A-G5GSARVAELLLI	8993	>CDKN2A-G5RSARVAELLLI	474	8519
>CDKN2A-G5GSARVAEL	282	>CDKN2A-G5RSARVAEL	11	271
>CDKN2A-G5GSARVAELL	3896	>CDKN2A-G5RSARVAELL	68	3828
>CDKN2A-G5GSARVAELLL	1361	>CDKN2A-G5RSARVAELLL	30	1331
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>CDKN2A-G5GSARVAELL	4125	>CDKN2A-G5RSARVAELL	232	3893
>CDKN2A-G5GSARVAELLL	5999	>CDKN2A-G5RSARVAELLL	309	5690
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>CDKN2A-G5GSARVAELL	237	>CDKN2A-G5RSARVAELL	16	221
>CDKN2A-G5GSARVAELLL	255	>CDKN2A-G5RSARVAELLL	17	238
>CDKN2A-G5GSARVAELLLI	270	>CDKN2A-G5RSARVAELLLI	18	252
>CDKN2A-G5GSARVAELL	753	>CDKN2A-G5RSARVAELL	163	590
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>CDKN2A-G5 QVMMMGS/	20	>CDKN2A-G5 QVMMMRS/	8	12
>CDKN2A-G5 QVMMMGS/	167	>CDKN2A-G5 QVMMMRS/	207	40
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>CDKN2A-G5 IQVMMMGS/	187	>CDKN2A-G5 IQVMMMRS/	149	38
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>CDKN2A-G5 RPIQVMMM/	40421	>CDKN2A-G5 RPIQVMMM/	479	39942
>CDKN2A-G5 RPIQVMMM/	23	>CDKN2A-G5 RPIQVMMM/	22	1
>CDKN2A-G5 RPIQVMMM/	288	>CDKN2A-G5 RPIQVMMM/	570	282
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>CDKN2A-G5 RRPIQVMMM/	2331	>CDKN2A-G5 RRPIQVMMM/	111	2220
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>CDKN2A-G5 RRPIQVMMM/	238	>CDKN2A-G5 RRPIQVMMM/	51	187
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>CDKN2A-G6 LLLHGAEPNC	121	>CDKN2A-G6 LLLHSAEPNC	171	50
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>CDKN2A-G6 AELLLLHGA	32	>CDKN2A-G6 AELLLLHSA	37	5
>CDKN2A-G6 AELLLLHGAEI	736	>CDKN2A-G6 AELLLLHSAEF	485	251
>CDKN2A-G6 RVAELLLLHG,	171	>CDKN2A-G6 RVAELLLLHS/	134	37
>CDKN2A-G6 RVAELLLLHG,	79	>CDKN2A-G6 RVAELLLLHS/	64	15
>CDKN2A-G6 RVAELLLLHG,	23	>CDKN2A-G6 RVAELLLLHS/	20	3
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>CDKN2A-G6 RVAELLLLHG,	305	>CDKN2A-G6 RVAELLLLHS/	390	85
>CDKN2A-G6 RVAELLLLHG,	459	>CDKN2A-G6 RVAELLLLHS/	344	115
>CDKN2A-G6 RVAELLLLHG,	370	>CDKN2A-G6 RVAELLLLHS/	511	141
>CDKN2A-G6 RVAELLLLHG,	428	>CDKN2A-G6 RVAELLLLHS/	737	309
>CDKN2A-G6 HGAEPNCAD	4353	>CDKN2A-G6 HVAEPNCAD	188	4165
>CDKN2A-G6 HGAEPNCA	3080	>CDKN2A-G6 HVAEPNCA	39	3041
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>CDKN2A-G6 HGAEPNCAD	3099	>CDKN2A-G6 HVAEPNCAD	71	3028
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>CDKN2A-G6 ARVAELLLLH(	5457	>CDKN2A-G6 ARVAELLLLH)	378	5079
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>CDKN2A-G8 REGFLDTLVV	264	>CDKN2A-G8 RESFLDTLVV	129	135
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>CDKN2A-G8 AREGFLDTLV	691	>CDKN2A-G8 ARESFLDTLV	444	247
>CDKN2A-G8 AREGFLDTL	63	>CDKN2A-G8 ARESFLDTL	36	27
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>CDKN2A-G8 AAREGFLDTL	408	>CDKN2A-G8 AARESFLDTL	598	190
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>CDKN2A-G8 GFLDTLVVLH	77	>CDKN2A-G8 VFLDTLVVLH	58	19
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>CDKN2A-G8 EGFLDTLV	19927	>CDKN2A-G8 EVFLDTLV	305	19622
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>CDKN2A-G8 EGFLDTLVVLI	4526	>CDKN2A-G8 EVFLDTLVVLI	85	4441
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>CDKN2A-G8 EGFLDTLV	3302	>CDKN2A-G8 EVFLDTLV	25	3277
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>CDKN2A-G8 REGFLDTLVV	14	>CDKN2A-G8 REVFLDTLVV	6	8
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>CDKN2A-G8 REGFLDTLV	208	>CDKN2A-G8 REVFLDTLV	95	113
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>CDKN2A-G8 REGFLDTLVV	63	>CDKN2A-G8 REVFLDTLVV	35	28
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>CDKN2A-G8 REGFLDTLVV	1578	>CDKN2A-G8 REVFLDTLVV	235	1343
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>CDKN2A-G8 REGFLDTLV	35	>CDKN2A-G8 REVFLDTLV	12	23
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>CDKN2A-H1 LGHRDVARYL	152	>CDKN2A-H1 LGQRDVARYL	191	39
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>CDKN2A-H1 ELGHRDVARY	382	>CDKN2A-H1 ELGQRDVARY	226	156
>CDKN2A-H1 ELGHRDVARY	477	>CDKN2A-H1 ELGQRDVARY	196	281

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>CDKN2A-H1 ELGHRDVAR	85	>CDKN2A-H1 ELGQRDVAR	138	53
>CDKN2A-H1 ELGHRDVAR	153	>CDKN2A-H1 ELGQRDVAR	143	10
>CDKN2A-H1 ELGHRDVAR	188	>CDKN2A-H1 ELGQRDVAR	91	97
>CDKN2A-H1 EELGHRDV	193	>CDKN2A-H1 EELGQRDV	241	48
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>CDKN2A-H1 DLAEELGHR	182	>CDKN2A-H1 DLAEELGQR	111	71
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>CDKN2A-H1 RGSNHARI	251	>CDKN2A-H1 RGSNQARI	330	79
>CDKN2A-H1 GTRGSNHA	16	>CDKN2A-H1 GTRGSNQA	25	9
>CDKN2A-H1 GTRGSNHAR	51	>CDKN2A-H1 GTRGSNQAR	44	7
>CDKN2A-H1 GTRGSNHAR	15	>CDKN2A-H1 GTRGSNQAR	23	8
>CDKN2A-H1 GTRGSNHAR	28	>CDKN2A-H1 GTRGSNQAR	100	72
>CDKN2A-H1 GTRGSNHAR	412	>CDKN2A-H1 GTRGSNQAR	1084	672
>CDKN2A-H1 GTRGSNHAR	205	>CDKN2A-H1 GTRGSNQAR	1045	840
>CDKN2A-H1 GTRGSNHAR	10	>CDKN2A-H1 GTRGSNQAR	14	4
>CDKN2A-H1 GTRGSNHAR	470	>CDKN2A-H1 GTRGSNQAR	6006	5536
>CDKN2A-H1 HARIDAAEGP	330	>CDKN2A-H1 YARIDAAEGP	4126	3796
>CDKN2A-H1 AAAGGTRGSI	16043	>CDKN2A-H1 AAAGGTRGSI	349	15694
>CDKN2A-H1 AAAGGTRGSI	16748	>CDKN2A-H1 AAAGGTRGSI	413	16335
>CDKN2A-H1 AAAGGTRGSI	15152	>CDKN2A-H1 AAAGGTRGSI	140	15012
>CDKN2A-H1 AAAGGTRGSI	13107	>CDKN2A-H1 AAAGGTRGSI	332	12775
>CDKN2A-H1 AAAGGTRGSI	12210	>CDKN2A-H1 AAAGGTRGSI	333	11877
>CDKN2A-H1 AAAGGTRGSI	2965	>CDKN2A-H1 AAAGGTRGSI	15	2950
>CDKN2A-H1 AAAGGTRGSI	8400	>CDKN2A-H1 AAAGGTRGSI	485	7915
>CDKN2A-H1 AAAGGTRGSI	3444	>CDKN2A-H1 AAAGGTRGSI	224	3220

>CDKN2A-H1 RGSNHARI	5731	>CDKN2A-H1 RGSNYARI	315	5416
>CDKN2A-H1 RGSNHARI	251	>CDKN2A-H1 RGSNYARI	181	70
>CDKN2A-H1 TRGSNHAR	575	>CDKN2A-H1 TRGSNYAR	318	257
>CDKN2A-H1 GTRGSNHA	16	>CDKN2A-H1 GTRGSNYA	11	5
>CDKN2A-H1 GTRGSNHAR	51	>CDKN2A-H1 GTRGSNYAR	70	19
>CDKN2A-H1 GTRGSNHAR	15	>CDKN2A-H1 GTRGSNYARI	19	4
>CDKN2A-H1 GTRGSNHAR	28	>CDKN2A-H1 GTRGSNYAR	19	9
>CDKN2A-H1 GTRGSNHAR	412	>CDKN2A-H1 GTRGSNYAR	124	288
>CDKN2A-H1 GTRGSNHAR	205	>CDKN2A-H1 GTRGSNYAR	180	25
>CDKN2A-H1 GTRGSNHAR	10	>CDKN2A-H1 GTRGSNYARI	17	7
>CDKN2A-H1 GTRGSNHAR	470	>CDKN2A-H1 GTRGSNYAR	577	107
>CDKN2A-H1 GTRGSNHAR	585	>CDKN2A-H1 GTRGSNYARI	291	294
>CDKN2A-H1 AAGGTRGSN	18276	>CDKN2A-H1 AAGGTRGSN	155	18121
>CDKN2A-H1 AAGGTRGSN	11646	>CDKN2A-H1 AAGGTRGSN	146	11500
>CDKN2A-H6 HGAEPNCAD	272	>CDKN2A-H6 PGAEPNCADI	14091	13819
>CDKN2A-H6 LHGAEPNCA	23759	>CDKN2A-H6 LPGAEPNCA	273	23486
>CDKN2A-H6 LLHGAEPNCA	360	>CDKN2A-H6 LLPGAEPNCA	469	109
>CDKN2A-H6 LLHGAEPNCA	290	>CDKN2A-H6 LLPGAEPNCA	490	200
>CDKN2A-H6 LLHGAEPNC	274	>CDKN2A-H6 LLPGAEPNC	608	334
>CDKN2A-H6 LLHGAEPNCA	278	>CDKN2A-H6 LLPGAEPNCA	575	297
>CDKN2A-H6 LLHGAEPNCA	242	>CDKN2A-H6 LLPGAEPNCA	177	65
>CDKN2A-H6 LLHGAEPNC	14	>CDKN2A-H6 LLPGAEPNC	16	2
>CDKN2A-H6 LLHGAEPNCA	26	>CDKN2A-H6 LLPGAEPNCA	32	6
>CDKN2A-H6 LLLHGAEPNC	560	>CDKN2A-H6 LLLPGAEPNC	351	209
>CDKN2A-H6 LLLHGAEPNC	723	>CDKN2A-H6 LLLPGAEPNC	410	313
>CDKN2A-H6 LLLHGAEPNC	429	>CDKN2A-H6 LLLPGAEPNC	396	33
>CDKN2A-H6 LLLHGAEPNC	476	>CDKN2A-H6 LLLPGAEPNC	200	276
>CDKN2A-H6 LLLHGAEPNC	121	>CDKN2A-H6 LLLPGAEPNC	52	69
>CDKN2A-H6 LLLHGAEPNC	105	>CDKN2A-H6 LLLPGAEPNC	47	58
>CDKN2A-H6 LLLHGAEPNC	428	>CDKN2A-H6 LLLPGAEPNC	396	32
>CDKN2A-H6 LLLHGAEPNC	80	>CDKN2A-H6 LLLPGAEPNC	63	17
>CDKN2A-H6 LLLHGAEPNC	294	>CDKN2A-H6 LLLPGAEPNC	115	179
>CDKN2A-H6 LLLHGAEPNC	66	>CDKN2A-H6 LLLPGAEPNC	30	36
>CDKN2A-H6 LLLHGAEPNC	369	>CDKN2A-H6 LLLPGAEPNC	123	246
>CDKN2A-H6 LLLHGAEPNC	198	>CDKN2A-H6 LLLPGAEPNC	53	145
>CDKN2A-H6 LLLHGAEPNC	35	>CDKN2A-H6 LLLPGAEPNC	10	25
>CDKN2A-H6 LLLHGAEPNC	53	>CDKN2A-H6 LLLPGAEPNC	18	35
>CDKN2A-H6 LLLLHGAEPN	220	>CDKN2A-H6 LLLLPGAEPNC	147	73
>CDKN2A-H6 LLLLHGAEPN	89	>CDKN2A-H6 LLLLPGAEPNC	86	3
>CDKN2A-H6 ELLLLHGA	214	>CDKN2A-H6 ELLLLPGA	223	9
>CDKN2A-H6 ELLLLHGA	342	>CDKN2A-H6 ELLLLPGA	210	132
>CDKN2A-H6 ELLLLHGA	186	>CDKN2A-H6 ELLLLPGA	154	32
>CDKN2A-H6 ELLLLHGA	195	>CDKN2A-H6 ELLLLPGA	425	230

>CDKN2A-H6 ELLLLHGA	91	>CDKN2A-H6 ELLLLPGA	125	34
>CDKN2A-H6 AELLLLHG	2437	>CDKN2A-H6 AELLLLPG	295	2142
>CDKN2A-H6 AELLLLHGA	35	>CDKN2A-H6 AELLLLPGA	28	7
>CDKN2A-H6 AELLLLHGA	440	>CDKN2A-H6 AELLLLPGA	471	31
>CDKN2A-H6 AELLLLHG	775	>CDKN2A-H6 AELLLLPG	234	541
>CDKN2A-H6 AELLLLHGA	7	>CDKN2A-H6 AELLLLPGA	7	0
>CDKN2A-H6 AELLLHGAE	313	>CDKN2A-H6 AELLLPGAE	307	6
>CDKN2A-H6 AELLLLHGA	32	>CDKN2A-H6 AELLLLPGA	9	23
>CDKN2A-H6 AELLLHGAEI	736	>CDKN2A-H6 AELLLPGAEIF	481	255
>CDKN2A-H6 RVAELLLLHG,	171	>CDKN2A-H6 RVAELLLLPG/	148	23
>CDKN2A-H6 RVAELLLLHG,	79	>CDKN2A-H6 RVAELLLLPG/	293	214
>CDKN2A-H6 RVAELLLLHG,	23	>CDKN2A-H6 RVAELLLLPG/	38	15
>CDKN2A-H6 RVAELLLLHG,	12	>CDKN2A-H6 RVAELLLLPG/	11	1
>CDKN2A-H6 RVAELLLLHG,	305	>CDKN2A-H6 RVAELLLLPG/	445	140
>CDKN2A-H6 RVAELLLLHG,	587	>CDKN2A-H6 RVAELLLLPG/	413	174
>CDKN2A-H6 RVAELLLLHG,	459	>CDKN2A-H6 RVAELLLLPG/	1118	659
>CDKN2A-H6 RVAELLLLH	226	>CDKN2A-H6 RVAELLLP	11942	11716
>CDKN2A-H6 RVAELLLLH	230	>CDKN2A-H6 RVAELLLP	12909	12679
>CDKN2A-H6 RVAELLLLHG,	370	>CDKN2A-H6 RVAELLLLPG/	2854	2484
>CDKN2A-H6 RVAELLLLHG,	428	>CDKN2A-H6 RVAELLLLPG/	540	112
>CDKN2A-H6 RVAELLLLH	65	>CDKN2A-H6 RVAELLLP	8548	8483
>CDKN2A-H6 ARVAELLLLH	215	>CDKN2A-H6 ARVAELLLP	3214	2999
>CDKN2A-H6 HGAEPNCAD	272	>CDKN2A-H6 RGAEPNCAD	8074	7802
>CDKN2A-H6 SARVAELLLF	558	>CDKN2A-H6 SARVAELLLF	48	510
>CDKN2A-H6 SARVAELLLF	12687	>CDKN2A-H6 SARVAELLLF	167	12520
>CDKN2A-H6 SARVAELLLF	24431	>CDKN2A-H6 SARVAELLLF	339	24092
>CDKN2A-H6 LLHGAEPNCA	360	>CDKN2A-H6 LLRGAEPNCA	1111	751
>CDKN2A-H6 LLHGAEPNCA	290	>CDKN2A-H6 LLRGAEPNCA	555	265
>CDKN2A-H6 LLHGAEPNC	274	>CDKN2A-H6 LLRGAEPNC	3341	3067
>CDKN2A-H6 LLHGAEPNCA	278	>CDKN2A-H6 LLRGAEPNCA	3121	2843
>CDKN2A-H6 LLHGAEPNCA	242	>CDKN2A-H6 LLRGAEPNCA	1840	1598
>CDKN2A-H6 LLHGAEPNC	14	>CDKN2A-H6 LLRGAEPNC	26	12
>CDKN2A-H6 LLHGAEPNCA	26	>CDKN2A-H6 LLRGAEPNCA	52	26
>CDKN2A-H6 LLLHGAEPNC	429	>CDKN2A-H6 LLLRGAEPNC	944	515
>CDKN2A-H6 LLLHGAEPNC	476	>CDKN2A-H6 LLLRGAEPNC	731	255
>CDKN2A-H6 LLLHGAEPNC	121	>CDKN2A-H6 LLLRGAEPNC	91	30
>CDKN2A-H6 LLLHGAEPNC	105	>CDKN2A-H6 LLLRGAEPNC	86	19
>CDKN2A-H6 LLLHGAEPNC	428	>CDKN2A-H6 LLLRGAEPNC	692	264
>CDKN2A-H6 LLLHGAEPNC	80	>CDKN2A-H6 LLLRGAEPNC	118	38
>CDKN2A-H6 LLLHGAEPNC	294	>CDKN2A-H6 LLLRGAEPNC	356	62
>CDKN2A-H6 LLLHGAEPNC	66	>CDKN2A-H6 LLLRGAEPNC	67	1
>CDKN2A-H6 LLLHGAEPNC	369	>CDKN2A-H6 LLLRGAEPNC	324	45
>CDKN2A-H6 LLLHGAEPNC	198	>CDKN2A-H6 LLLRGAEPNC	168	30

>CDKN2A-H6 LLLHGAEPNC	35	>CDKN2A-H6 LLLRGAEPNC	20	15
>CDKN2A-H6 LLLHGAEPNC	53	>CDKN2A-H6 LLLRGAEPNC	33	20
>CDKN2A-H6 LLLLHGAEPN	220	>CDKN2A-H6 LLLLRGAEPN	391	171
>CDKN2A-H6 LLLLHGAEPN	89	>CDKN2A-H6 LLLLRGAEPN	84	5
>CDKN2A-H6 ELLLLHGA	214	>CDKN2A-H6 ELLLLRGA	1728	1514
>CDKN2A-H6 ELLLLHGA	342	>CDKN2A-H6 ELLLLRGA	3646	3304
>CDKN2A-H6 ELLLLHGA	186	>CDKN2A-H6 ELLLLRGA	2895	2709
>CDKN2A-H6 ELLLLHGA	195	>CDKN2A-H6 ELLLLRGA	3283	3088
>CDKN2A-H6 ELLLLHGA	91	>CDKN2A-H6 ELLLLRGA	1484	1393
>CDKN2A-H6 AELLLLHGA	35	>CDKN2A-H6 AELLLLRGA	42	7
>CDKN2A-H6 AELLLLHGA	440	>CDKN2A-H6 AELLLLRGA	628	188
>CDKN2A-H6 AELLLLHGA	7	>CDKN2A-H6 AELLLLRGA	13	6
>CDKN2A-H6 AELLLLHGAE	313	>CDKN2A-H6 AELLLLRGAE	411	98
>CDKN2A-H6 AELLLLHGA	32	>CDKN2A-H6 AELLLLRGA	63	31
>CDKN2A-H6 RVAELLLLHG,	171	>CDKN2A-H6 RVAELLLLRG/	1254	1083
>CDKN2A-H6 RVAELLLLHG,	79	>CDKN2A-H6 RVAELLLLRG/	642	563
>CDKN2A-H6 RVAELLLLHG,	23	>CDKN2A-H6 RVAELLLLRG/	46	23
>CDKN2A-H6 RVAELLLLHG,	12	>CDKN2A-H6 RVAELLLLRG/	41	29
>CDKN2A-H6 RVAELLLLHG,	305	>CDKN2A-H6 RVAELLLLRG/	1231	926
>CDKN2A-H6 RVAELLLLHG,	459	>CDKN2A-H6 RVAELLLLRG/	5079	4620
>CDKN2A-H6 RVAELLLLH	226	>CDKN2A-H6 RVAELLLLR	124	102
>CDKN2A-H6 RVAELLLLH	230	>CDKN2A-H6 RVAELLLLR	39	191
>CDKN2A-H6 RVAELLLLH	1743	>CDKN2A-H6 RVAELLLLR	24	1719
>CDKN2A-H6 RVAELLLLH	12606	>CDKN2A-H6 RVAELLLLR	64	12542
>CDKN2A-H6 RVAELLLLHG,	370	>CDKN2A-H6 RVAELLLLRG/	3152	2782
>CDKN2A-H6 RVAELLLLHG,	428	>CDKN2A-H6 RVAELLLLRG/	2825	2397
>CDKN2A-H6 RVAELLLLH	65	>CDKN2A-H6 RVAELLLLR	5978	5913
>CDKN2A-H6 RVAELLLLH	20752	>CDKN2A-H6 RVAELLLLR	81	20671
>CDKN2A-H6 ARVAELLLLH	215	>CDKN2A-H6 ARVAELLLLR	47	168
>CDKN2A-H6 ARVAELLLLH	1636	>CDKN2A-H6 ARVAELLLLR	459	1177
>CDKN2A-H6 HGAEPNCAD	4353	>CDKN2A-H6 YGAEPNCADI	464	3889
>CDKN2A-H6 HGAEPNCAD	272	>CDKN2A-H6 YGAEPNCADI	389	117
>CDKN2A-H6 SARVAELLLLF	11248	>CDKN2A-H6 SARVAELLLLY	78	11170
>CDKN2A-H6 SARVAELLLLF	558	>CDKN2A-H6 SARVAELLLLY	53	505
>CDKN2A-H6 SARVAELLLLF	12888	>CDKN2A-H6 SARVAELLLLY	63	12825
>CDKN2A-H6 SARVAELLLLF	4245	>CDKN2A-H6 SARVAELLLLY	17	4228
>CDKN2A-H6 SARVAELLLLF	1171	>CDKN2A-H6 SARVAELLLLY	78	1093
>CDKN2A-H6 LLHGAEPNCA	3531	>CDKN2A-H6 LLYGAEPNCA	414	3117
>CDKN2A-H6 LLHGAEPNCA	360	>CDKN2A-H6 LLYGAEPNCA	51	309
>CDKN2A-H6 LLHGAEPNCA	290	>CDKN2A-H6 LLYGAEPNCA	55	235
>CDKN2A-H6 LLHGAEPNC	274	>CDKN2A-H6 LLYGAEPNC	25	249
>CDKN2A-H6 LLHGAEPNCA	278	>CDKN2A-H6 LLYGAEPNCA	25	253
>CDKN2A-H6 LLHGAEPNCA	1919	>CDKN2A-H6 LLYGAEPNCA	221	1698

>CDKN2A-H6 LLHGAEPNC	1317	>CDKN2A-H6 LLYGAEPNC	47	1270
>CDKN2A-H6 LLHGAEPNCA	242	>CDKN2A-H6 LLYGAEPNCA	19	223
>CDKN2A-H6 LLHGAEPNCA	2478	>CDKN2A-H6 LLYGAEPNCA	344	2134
>CDKN2A-H6 LLHGAEPNC	14	>CDKN2A-H6 LLYGAEPNC	7	7
>CDKN2A-H6 LLHGAEPNCA	26	>CDKN2A-H6 LLYGAEPNCA	14	12
>CDKN2A-H6 LLLHGAEPNC	560	>CDKN2A-H6 LLLYGAEPNC	450	110
>CDKN2A-H6 LLLHGAEPNC	429	>CDKN2A-H6 LLLYGAEPNC	630	201
>CDKN2A-H6 LLLHGAEPNC	476	>CDKN2A-H6 LLLYGAEPNC	647	171
>CDKN2A-H6 LLLHGAEPNC	121	>CDKN2A-H6 LLLYGAEPNC	265	144
>CDKN2A-H6 LLLHGAEPNC	105	>CDKN2A-H6 LLLYGAEPNC	239	134
>CDKN2A-H6 LLLHGAEPNC	428	>CDKN2A-H6 LLLYGAEPNC	706	278
>CDKN2A-H6 LLLHGAEPNC	80	>CDKN2A-H6 LLLYGAEPNC	123	43
>CDKN2A-H6 LLLHGAEPNC	294	>CDKN2A-H6 LLLYGAEPNC	615	321
>CDKN2A-H6 LLLHGAEPNC	66	>CDKN2A-H6 LLLYGAEPNC	132	66
>CDKN2A-H6 LLLHGAEPNC	369	>CDKN2A-H6 LLLYGAEPNC	434	65
>CDKN2A-H6 LLLHGAEPNC	198	>CDKN2A-H6 LLLYGAEPNC	242	44
>CDKN2A-H6 LLLHGAEPNC	35	>CDKN2A-H6 LLLYGAEPNC	82	47
>CDKN2A-H6 LLLHGAEPNC	53	>CDKN2A-H6 LLLYGAEPNC	111	58
>CDKN2A-H6 LLLLHGAEPN	220	>CDKN2A-H6 LLLLYGAEPNC	113	107
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>CDKN2A-H6 ELLLLHGA	214	>CDKN2A-H6 ELLLLLYGA	191	23
>CDKN2A-H6 ELLLLHGA	760	>CDKN2A-H6 ELLLLLYGA	462	298
>CDKN2A-H6 ELLLLHGA	342	>CDKN2A-H6 ELLLLLYGA	266	76
>CDKN2A-H6 ELLLLHGA	186	>CDKN2A-H6 ELLLLLYGA	140	46
>CDKN2A-H6 ELLLLHGA	195	>CDKN2A-H6 ELLLLLYGA	595	400
>CDKN2A-H6 ELLLLHGA	91	>CDKN2A-H6 ELLLLLYGA	130	39
>CDKN2A-H6 AELLLLHGA	35	>CDKN2A-H6 AELLLLLYGA	17	18
>CDKN2A-H6 AELLLLHGAE	1112	>CDKN2A-H6 AELLLLLYGAE	493	619
>CDKN2A-H6 AELLLLHGA	440	>CDKN2A-H6 AELLLLLYGA	428	12
>CDKN2A-H6 AELLLLHG	775	>CDKN2A-H6 AELLLLLYG	354	421
>CDKN2A-H6 AELLLLHGA	7	>CDKN2A-H6 AELLLLLYGA	6	1
>CDKN2A-H6 AELLLLHGAE	313	>CDKN2A-H6 AELLLLLYGAE	153	160
>CDKN2A-H6 AELLLLHGA	32	>CDKN2A-H6 AELLLLLYGA	20	12
>CDKN2A-H6 VAELLLLH	14307	>CDKN2A-H6 VAELLLLY	44	14263
>CDKN2A-H6 VAELLLLH	10686	>CDKN2A-H6 VAELLLLY	119	10567
>CDKN2A-H6 VAELLLLH	13104	>CDKN2A-H6 VAELLLLY	97	13007
>CDKN2A-H6 VAELLLLH	13964	>CDKN2A-H6 VAELLLLY	116	13848
>CDKN2A-H6 RVAELLLLH	17396	>CDKN2A-H6 RVAELLLLY	109	17287
>CDKN2A-H6 RVAELLLLHG,	171	>CDKN2A-H6 RVAELLLLYG/	79	92
>CDKN2A-H6 RVAELLLLHG,	79	>CDKN2A-H6 RVAELLLLYG/	49	30
>CDKN2A-H6 RVAELLLLHG,	23	>CDKN2A-H6 RVAELLLLYG/	31	8
>CDKN2A-H6 RVAELLLLHG,	12	>CDKN2A-H6 RVAELLLLYG/	12	0
>CDKN2A-H6 RVAELLLLHG,	305	>CDKN2A-H6 RVAELLLLYG/	287	18



>CDKN2A-H6 RVAELLLLHG,	459	>CDKN2A-H6 RVAELLLLYG/	1777	1318
>CDKN2A-H6 RVAELLLLH	226	>CDKN2A-H6 RVAELLLLY	78	148
>CDKN2A-H6 RVAELLLLH	230	>CDKN2A-H6 RVAELLLLY	30	200
>CDKN2A-H6 RVAELLLLH	11224	>CDKN2A-H6 RVAELLLLY	116	11108
>CDKN2A-H6 RVAELLLLH	877	>CDKN2A-H6 RVAELLLLY	7	870
>CDKN2A-H6 RVAELLLLH	9090	>CDKN2A-H6 RVAELLLLY	89	9001
>CDKN2A-H6 RVAELLLLHG,	370	>CDKN2A-H6 RVAELLLLYG/	192	178
>CDKN2A-H6 RVAELLLLHG,	428	>CDKN2A-H6 RVAELLLLYG/	830	402
>CDKN2A-H6 RVAELLLLH	65	>CDKN2A-H6 RVAELLLLY	3	62
>CDKN2A-H6 RVAELLLLH	10508	>CDKN2A-H6 RVAELLLLY	177	10331
>CDKN2A-H6 RVAELLLLH	7234	>CDKN2A-H6 RVAELLLLY	29	7205
>CDKN2A-H6 RVAELLLLH	2562	>CDKN2A-H6 RVAELLLLY	37	2525
>CDKN2A-H6 RVAELLLLH	1048	>CDKN2A-H6 RVAELLLLY	48	1000
>CDKN2A-H6 RVAELLLLH	30087	>CDKN2A-H6 RVAELLLLY	288	29799
>CDKN2A-H6 RVAELLLLH	15511	>CDKN2A-H6 RVAELLLLY	224	15287
>CDKN2A-H6 ARVAELLLLH	11220	>CDKN2A-H6 ARVAELLLLY	17	11203
>CDKN2A-H6 ARVAELLLLH	4351	>CDKN2A-H6 ARVAELLLLY	290	4061
>CDKN2A-H6 ARVAELLLLH	215	>CDKN2A-H6 ARVAELLLLY	21	194
>CDKN2A-H8 HDAAREGFL	169	>CDKN2A-H8 NDAAREGFL	442	273
>CDKN2A-H8 RPVHDAAREC	58	>CDKN2A-H8 RPVNDAAAREC	101	43
>CDKN2A-H8 RPVHDAAREC	287	>CDKN2A-H8 RPVNDAAAREC	486	199
>CDKN2A-H8 RPVHDAAREC	112	>CDKN2A-H8 RPVNDAAAREC	161	49
>CDKN2A-H8 RPVHDAAR	319	>CDKN2A-H8 RPVNDAAAR	466	147
>CDKN2A-H8 LTRPVHDA	48	>CDKN2A-H8 LTRPVNDA	68	20
>CDKN2A-H8 LTRPVHDAA	24	>CDKN2A-H8 LTRPVNDAA	69	45
>CDKN2A-H8 LTRPVHDAAF	56	>CDKN2A-H8 LTRPVNDAAF	99	43
>CDKN2A-H8 LTRPVHDAAF	107	>CDKN2A-H8 LTRPVNDAAF	115	8
>CDKN2A-H8 LTRPVHDAAF	47	>CDKN2A-H8 LTRPVNDAAF	30	17
>CDKN2A-H8 TLTRPVHDAA	280	>CDKN2A-H8 TLTRPVNDAA	793	513
>CDKN2A-H8 TLTRPVHDA	12	>CDKN2A-H8 TLTRPVNDA	176	164
>CDKN2A-H8 TLTRPVHDAA	88	>CDKN2A-H8 TLTRPVNDAA	275	187
>CDKN2A-H8 TLTRPVHDA	159	>CDKN2A-H8 TLTRPVNDAA	391	232
>CDKN2A-H8 TLTRPVHDAA	411	>CDKN2A-H8 TLTRPVNDAA	683	272
>CDKN2A-H8 TLTRPVHDA	68	>CDKN2A-H8 TLTRPVNDAA	67	1
>CDKN2A-H8 HDAAREGFL	169	>CDKN2A-H8 PDAAREGFL	161	8
>CDKN2A-H8 VHDAAREGF	12088	>CDKN2A-H8 VPDAAREGF	8	12080
>CDKN2A-H8 VHDAAREGF	3491	>CDKN2A-H8 VPDAAREGF	8	3483
>CDKN2A-H8 VHDAAREGF	22691	>CDKN2A-H8 VPDAAREGF	458	22233
>CDKN2A-H8 VHDAAREGF	31690	>CDKN2A-H8 VPDAAREGF	448	31242
>CDKN2A-H8 VHDAAREGF	18920	>CDKN2A-H8 VPDAAREGF	338	18582
>CDKN2A-H8 RPVHDAAREC	58	>CDKN2A-H8 RPVPDAAREC	74	16
>CDKN2A-H8 RPVHDAAREC	287	>CDKN2A-H8 RPVPDAAREC	620	333
>CDKN2A-H8 RPVHDAAREC	112	>CDKN2A-H8 RPVPDAAREC	106	6

>CDKN2A-H8 RPVHDAAR	319	>CDKN2A-H8 RPVPDAAR	342	23
>CDKN2A-H8 LTRPVHDA	48	>CDKN2A-H8 LTRPVPDA	39	9
>CDKN2A-H8 LTRPVHDA	24	>CDKN2A-H8 LTRPVPDAA	86	62
>CDKN2A-H8 LTRPVHDAAF	56	>CDKN2A-H8 LTRPVPDAAF	144	88
>CDKN2A-H8 LTRPVHDAAF	107	>CDKN2A-H8 LTRPVPDAAF	314	207
>CDKN2A-H8 LTRPVHDAAF	47	>CDKN2A-H8 LTRPVPDAAF	44	3
>CDKN2A-H8 TLTRPVHDA	611	>CDKN2A-H8 TLTRPVPDAA	209	402
>CDKN2A-H8 TLTRPVHDA	280	>CDKN2A-H8 TLTRPVPDAA	230	50
>CDKN2A-H8 TLTRPVHDA	694	>CDKN2A-H8 TLTRPVPDA	375	319
>CDKN2A-H8 TLTRPVHDA	12	>CDKN2A-H8 TLTRPVPDA	35	23
>CDKN2A-H8 TLTRPVHDA	88	>CDKN2A-H8 TLTRPVPDAA	160	72
>CDKN2A-H8 TLTRPVHDA	159	>CDKN2A-H8 TLTRPVPDAA	380	221
>CDKN2A-H8 TLTRPVHDA	411	>CDKN2A-H8 TLTRPVPDAA	570	159
>CDKN2A-H8 TLTRPVHDA	68	>CDKN2A-H8 TLTRPVPDAA	79	11
>CDKN2A-H8 ATLRPVHDA	970	>CDKN2A-H8 ATLRPVPDA	348	622
>CDKN2A-H8 HDAAREGFL	169	>CDKN2A-H8 QDAAREGFL	287	118
>CDKN2A-H8 VHDAAREGF	21627	>CDKN2A-H8 VQDAAREGF	403	21224
>CDKN2A-H8 VHDAAREGF	2616	>CDKN2A-H8 VQDAAREGF	373	2243
>CDKN2A-H8 RPVHDAAREC	58	>CDKN2A-H8 RPVQDAAREC	47	11
>CDKN2A-H8 RPVHDAAREC	287	>CDKN2A-H8 RPVQDAAREC	849	562
>CDKN2A-H8 RPVHDAAREC	112	>CDKN2A-H8 RPVQDAAREC	82	30
>CDKN2A-H8 RPVHDAAR	319	>CDKN2A-H8 RPVQDAAR	192	127
>CDKN2A-H8 LTRPVHDA	48	>CDKN2A-H8 LTRPVQDA	76	28
>CDKN2A-H8 LTRPVHDA	24	>CDKN2A-H8 LTRPVQDAA	88	64
>CDKN2A-H8 LTRPVHDAAF	56	>CDKN2A-H8 LTRPVQDAAF	100	44
>CDKN2A-H8 LTRPVHDAAF	107	>CDKN2A-H8 LTRPVQDAAF	150	43
>CDKN2A-H8 LTRPVHDAAF	47	>CDKN2A-H8 LTRPVQDAAF	48	1
>CDKN2A-H8 TLTRPVHDA	280	>CDKN2A-H8 TLTRPVQDA	467	187
>CDKN2A-H8 TLTRPVHDA	12	>CDKN2A-H8 TLTRPVQDA	40	28
>CDKN2A-H8 TLTRPVHDA	88	>CDKN2A-H8 TLTRPVQDA	107	19
>CDKN2A-H8 TLTRPVHDA	159	>CDKN2A-H8 TLTRPVQDA	330	171
>CDKN2A-H8 TLTRPVHDA	411	>CDKN2A-H8 TLTRPVQDA	580	169
>CDKN2A-H8 TLTRPVHDA	68	>CDKN2A-H8 TLTRPVQDA	116	48
>CDKN2A-H8 HDAAREGFL	169	>CDKN2A-H8 RDAAREGFL	188	19
>CDKN2A-H8 VHDAAREGFI	10970	>CDKN2A-H8 VRDAAREGFI	167	10803
>CDKN2A-H8 VHDAAREGFI	23475	>CDKN2A-H8 VRDAAREGFI	468	23007
>CDKN2A-H8 VHDAAREGFI	14942	>CDKN2A-H8 VRDAAREGFI	93	14849
>CDKN2A-H8 PVHDAAREG	1934	>CDKN2A-H8 PVRDAAREGI	226	1708
>CDKN2A-H8 RPVHDAAREC	58	>CDKN2A-H8 RPVRDAAREC	58	0
>CDKN2A-H8 RPVHDAAREC	287	>CDKN2A-H8 RPVRDAAREC	527	240
>CDKN2A-H8 RPVHDAAREC	112	>CDKN2A-H8 RPVRDAAREC	278	166
>CDKN2A-H8 RPVHDAAR	319	>CDKN2A-H8 RPVRDAAR	561	242
>CDKN2A-H8 LTRPVHDA	48	>CDKN2A-H8 LTRPVRDA	61	13

>CDKN2A-H8 LTRPVHDAA	24	>CDKN2A-H8 LTRPVRDAA	33	9
>CDKN2A-H8 LTRPVHDAAF	56	>CDKN2A-H8 LTRPVRDAAF	62	6
>CDKN2A-H8 LTRPVHDAAF	107	>CDKN2A-H8 LTRPVRDAAF	45	62
>CDKN2A-H8 LTRPVHDAAF	47	>CDKN2A-H8 LTRPVRDAAF	47	0
>CDKN2A-H8 TLTRPVHDAA	280	>CDKN2A-H8 TLTRPVRDAA	1662	1382
>CDKN2A-H8 TLTRPVHDA	12	>CDKN2A-H8 TLTRPVRDA	704	692
>CDKN2A-H8 TLTRPVHDAF	88	>CDKN2A-H8 TLTRPVRDAA	385	297
>CDKN2A-H8 TLTRPVHDAF	159	>CDKN2A-H8 TLTRPVRDAA	275	116
>CDKN2A-H8 TLTRPVHDAF	411	>CDKN2A-H8 TLTRPVRDAA	368	43
>CDKN2A-H8 TLTRPVHDAF	68	>CDKN2A-H8 TLTRPVRDAA	119	51
>CDKN2A-H8 ATLTRPVH	2513	>CDKN2A-H8 ATLTRPVR	184	2329
>CDKN2A-H8 ATLTRPVH	2995	>CDKN2A-H8 ATLTRPVR	422	2573
>CDKN2A-H8 ATLTRPVH	5599	>CDKN2A-H8 ATLTRPVR	24	5575
>CDKN2A-H8 ATLTRPVH	27521	>CDKN2A-H8 ATLTRPVR	464	27057
>CDKN2A-H8 ATLTRPVH	1032	>CDKN2A-H8 ATLTRPVR	173	859
>CDKN2A-H8 HDAAREGFL	169	>CDKN2A-H8 YDAAREGFL	237	68
>CDKN2A-H8 VHDAAREGFI	16665	>CDKN2A-H8 VYDAAREGFL	497	16168
>CDKN2A-H8 VHDAAREGF	12964	>CDKN2A-H8 VYDAAREGF	362	12602
>CDKN2A-H8 VHDAAREGF	12397	>CDKN2A-H8 VYDAAREGF	22	12375
>CDKN2A-H8 VHDAAREGFI	21245	>CDKN2A-H8 VYDAAREGFL	124	21121
>CDKN2A-H8 RPHVHDAAREC	58	>CDKN2A-H8 RPYVDAAREC	78	20
>CDKN2A-H8 RPHVHDAAREC	287	>CDKN2A-H8 RPYVDAAREC	430	143
>CDKN2A-H8 RPHVHDAAREC	112	>CDKN2A-H8 RPYVDAAREC	139	27
>CDKN2A-H8 RPHVHDAAR	319	>CDKN2A-H8 RPYVDAAR	460	141
>CDKN2A-H8 LTRPVHDA	48	>CDKN2A-H8 LTRPVYDA	69	21
>CDKN2A-H8 LTRPVHDAA	24	>CDKN2A-H8 LTRPVYDAA	36	12
>CDKN2A-H8 LTRPVHDAAF	56	>CDKN2A-H8 LTRPVYDAAR	73	17
>CDKN2A-H8 LTRPVHDAAF	107	>CDKN2A-H8 LTRPVYDAAR	50	57
>CDKN2A-H8 LTRPVHDAAF	1201	>CDKN2A-H8 LTRPVYDAAR	357	844
>CDKN2A-H8 LTRPVHDAAF	47	>CDKN2A-H8 LTRPVYDAAR	26	21
>CDKN2A-H8 TLTRPVHDAF	611	>CDKN2A-H8 TLTRPVYDAA	353	258
>CDKN2A-H8 TLTRPVHDAF	280	>CDKN2A-H8 TLTRPVYDAA	262	18
>CDKN2A-H8 TLTRPVHDA	12	>CDKN2A-H8 TLTRPVYDA	63	51
>CDKN2A-H8 TLTRPVHDAF	88	>CDKN2A-H8 TLTRPVYDAA	135	47
>CDKN2A-H8 TLTRPVHDAF	159	>CDKN2A-H8 TLTRPVYDAA	100	59
>CDKN2A-H8 TLTRPVHDAF	411	>CDKN2A-H8 TLTRPVYDAA	209	202
>CDKN2A-H8 TLTRPVHDAF	68	>CDKN2A-H8 TLTRPVYDAA	50	18
>CDKN2A-H8 ATLTRPVH	2513	>CDKN2A-H8 ATLTRPVY	250	2263
>CDKN2A-H8 ATLTRPVH	5787	>CDKN2A-H8 ATLTRPVY	89	5698
>CDKN2A-H8 ATLTRPVH	13482	>CDKN2A-H8 ATLTRPVY	212	13270
>CDKN2A-H8 ATLTRPVH	2995	>CDKN2A-H8 ATLTRPVY	393	2602
>CDKN2A-H8 ATLTRPVH	8296	>CDKN2A-H8 ATLTRPVY	80	8216
>CDKN2A-H8 ATLTRPVH	5838	>CDKN2A-H8 ATLTRPVY	175	5663

>CDKN2A-H8 ATLTRPVH	2101	>CDKN2A-H8 ATLTRPVY	6	2095
>CDKN2A-H8 DPATLTRPVH	19691	>CDKN2A-H8 DPATLTRPVY	62	19629
>CDKN2A-H9 HRAGARLDV	197	>CDKN2A-H9 RRAGARLDV	77	120
>CDKN2A-H9 HRAGARLDVI	101	>CDKN2A-H9 RRAGARLDVI	51	50
>CDKN2A-H9 HRAGARLD	12295	>CDKN2A-H9 RRAGARLD	480	11815
>CDKN2A-H9 HRAGARLDV	1850	>CDKN2A-H9 RRAGARLDV	61	1789
>CDKN2A-H9 HRAGARLDV	1203	>CDKN2A-H9 RRAGARLDV	109	1094
>CDKN2A-H9 HRAGARLDVI	5836	>CDKN2A-H9 RRAGARLDVI	341	5495
>CDKN2A-H9 HRAGARLDVI	633	>CDKN2A-H9 RRAGARLDVI	476	157
>CDKN2A-H9 LHRAGARL	1186	>CDKN2A-H9 LRRAGARL	434	752
>CDKN2A-H9 EGFLDTLVVLI	4526	>CDKN2A-H9 EGFLDTLVVLI	20	4506
>CDKN2A-H9 EGFLDTLVVLI	21890	>CDKN2A-H9 EGFLDTLVVLI	70	21820
>CDKN2A-H9 VLHRAGARL	371	>CDKN2A-H9 VLRRAGARL	1267	896
>CDKN2A-H9 VLHRAGARL	156	>CDKN2A-H9 VLRRAGARL	309	153
>CDKN2A-H9 VLHRAGARLI	77	>CDKN2A-H9 VLRRAGARLI	146	69
>CDKN2A-H9 VLHRAGARL	21	>CDKN2A-H9 VLRRAGARL	295	274
>CDKN2A-H9 VLHRAGARLI	36	>CDKN2A-H9 VLRRAGARLI	391	355
>CDKN2A-H9 VLHRAGARL	269	>CDKN2A-H9 VLRRAGARL	2259	1990
>CDKN2A-H9 VLHRAGARLI	346	>CDKN2A-H9 VLRRAGARLI	1672	1326
>CDKN2A-H9 VLHRAGARL	358	>CDKN2A-H9 VLRRAGARL	2572	2214
>CDKN2A-H9 VLHRAGARLI	33	>CDKN2A-H9 VLRRAGARLI	298	265
>CDKN2A-H9 VLHRAGARL	6	>CDKN2A-H9 VLRRAGARL	9	3
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>CDKN2A-H9 VLHRAGARL	2379	>CDKN2A-H9 VLRRAGARL	352	2027
>CDKN2A-H9 VLHRAGARLI	1719	>CDKN2A-H9 VLRRAGARLI	252	1467
>CDKN2A-H9 VLHRAGAR	299	>CDKN2A-H9 VLRRAGAR	183	116
>CDKN2A-H9 VLHRAGARL	6412	>CDKN2A-H9 VLRRAGARL	312	6100
>CDKN2A-H9 VVLHRAGA	471	>CDKN2A-H9 VVLRRAGA	797	326
>CDKN2A-H9 VVLHRAGARI	998	>CDKN2A-H9 VVLRRAGARI	480	518
>CDKN2A-H9 VVLHRAGAR	225	>CDKN2A-H9 VVLRRAGAR	130	95
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>CDKN2A-H9 LVVLHRAGAF	250	>CDKN2A-H9 LVVLRRAGAF	210	40
>CDKN2A-H9 LVVLHRAGAF	127	>CDKN2A-H9 LVVLRRAGAF	115	12
>CDKN2A-H9 LVVLHRAGAF	287	>CDKN2A-H9 LVVLRRAGAF	752	465
>CDKN2A-H9 LVVLHRAGAF	435	>CDKN2A-H9 LVVLRRAGAF	344	91
>CDKN2A-H9 TLVVLHRA	433	>CDKN2A-H9 TLVVLHRA	2944	2511
>CDKN2A-H9 TLVVLHRA	247	>CDKN2A-H9 TLVVLHRA	613	366
>CDKN2A-H9 TLVVLHRAGA	240	>CDKN2A-H9 TLVVLHRRAGA	242	2
>CDKN2A-H9 TLVVLHRA	426	>CDKN2A-H9 TLVVLHRA	2661	2235
>CDKN2A-H9 TLVVLHRA	59	>CDKN2A-H9 TLVVLHRA	924	865
>CDKN2A-H9 TLVVLHRAGA	465	>CDKN2A-H9 TLVVLHRRAGA	533	68
>CDKN2A-H9 TLVVLHRAGA	209	>CDKN2A-H9 TLVVLHRRAGA	213	4
>CDKN2A-H9 TLVVLHRAGA	534	>CDKN2A-H9 TLVVLHRRAGA	498	36

>CDKN2A-H9 TLVVLHRAGA	185	>CDKN2A-H9 TLVVLRRAGA	196	11
>CDKN2A-H9 DTLVVLHR	277	>CDKN2A-H9 DTLVVLRR	867	590
>CDKN2A-H9 DTLVVLHR	9	>CDKN2A-H9 DTLVVLRR	15	6
>CDKN2A-H9 DTLVVLHR	16	>CDKN2A-H9 DTLVVLRR	21	5
>CDKN2A-H9 DTLVVLHRA	178	>CDKN2A-H9 DTLVVLRRRA	3934	3756
>CDKN2A-H9 DTLVVLHRAC	197	>CDKN2A-H9 DTLVVLRRAG	653	456
>CDKN2A-H9 DTLVVLHRA	46	>CDKN2A-H9 DTLVVLRRRA	1333	1287
>CDKN2A-H9 DTLVVLHRAC	65	>CDKN2A-H9 DTLVVLRRAG	357	292
>CDKN2A-H9 FLDTLVVLHR,	12	>CDKN2A-H9 FLDTLVVLRR,	41	29
>CDKN2A-H9 FLDTLVVLHR,	7	>CDKN2A-H9 FLDTLVVLRR,	41	34
>CDKN2A-H9 FLDTLVVLHR,	24	>CDKN2A-H9 FLDTLVVLRR,	51	27
>CDKN2A-H9 FLDTLVVLHR,	68	>CDKN2A-H9 FLDTLVVLRR,	290	222
>CDKN2A-H9 FLDTLVVLHR,	3	>CDKN2A-H9 FLDTLVVLRR,	7	4
>CDKN2A-H9 FLDTLVVLHR,	9	>CDKN2A-H9 FLDTLVVLRR,	66	57
>CDKN2A-H9 FLDTLVVLHR,	8	>CDKN2A-H9 FLDTLVVLRR,	30	22
>CDKN2A-H9 FLDTLVVLHR,	19	>CDKN2A-H9 FLDTLVVLRR,	301	282
>CDKN2A-H9 FLDTLVVLHR,	3	>CDKN2A-H9 FLDTLVVLRR,	10	7
>CDKN2A-H9 FLDTLVVLH	15274	>CDKN2A-H9 FLDTLVVLR	134	15140
>CDKN2A-H9 FLDTLVVLHR	354	>CDKN2A-H9 FLDTLVVLRR	387	33
>CDKN2A-H9 FLDTLVVLH	31469	>CDKN2A-H9 FLDTLVVLR	301	31168
>CDKN2A-H9 FLDTLVVLHR	272	>CDKN2A-H9 FLDTLVVLRR	590	318
>CDKN2A-H9 GFLDTLVVLH	10422	>CDKN2A-H9 GFLDTLVVLR	125	10297
>CDKN2A-H9 GFLDTLVVLH	38	>CDKN2A-H9 GFLDTLVVLR	80	42
>CDKN2A-H9 GFLDTLVVLH	12222	>CDKN2A-H9 GFLDTLVVLR	331	11891
>CDKN2A-H9 GFLDTLVVLH	421	>CDKN2A-H9 GFLDTLVVLR	1255	834
>CDKN2A-H9 GFLDTLVVLH	16647	>CDKN2A-H9 GFLDTLVVLR	477	16170
>CDKN2A-H9 GFLDTLVVLH	19577	>CDKN2A-H9 GFLDTLVVLR	89	19488
>CDKN2A-H9 GFLDTLVVLH	77	>CDKN2A-H9 GFLDTLVVLR	151	74
>CDKN2A-H9 HRAGARLDV	197	>CDKN2A-H9 YRAGARLDV	163	34
>CDKN2A-H9 HRAGARLDV	101	>CDKN2A-H9 YRAGARLDV	885	784
>CDKN2A-H9 HRAGARLDV	813	>CDKN2A-H9 YRAGARLDV	481	332
>CDKN2A-H9 LHRAGARL	22418	>CDKN2A-H9 LYRAGARL	482	21936
>CDKN2A-H9 LHRAGARL	20730	>CDKN2A-H9 LYRAGARL	69	20661
>CDKN2A-H9 LHRAGARL	8131	>CDKN2A-H9 LYRAGARL	100	8031
>CDKN2A-H9 LHRAGARLD\	5317	>CDKN2A-H9 LYRAGARLDV	49	5268
>CDKN2A-H9 LHRAGARLD\	8579	>CDKN2A-H9 LYRAGARLDV	183	8396
>CDKN2A-H9 LHRAGARLD\	16361	>CDKN2A-H9 LYRAGARLDV	339	16022
>CDKN2A-H9 LHRAGARLD\	6633	>CDKN2A-H9 LYRAGARLDV	409	6224
>CDKN2A-H9 EGFLDTLVVLI	6599	>CDKN2A-H9 EGFLDTLVVL'	442	6157
>CDKN2A-H9 VLHRAGARL	1276	>CDKN2A-H9 VLYRAGARL	88	1188
>CDKN2A-H9 VLHRAGARL	3402	>CDKN2A-H9 VLYRAGARL	335	3067
>CDKN2A-H9 VLHRAGARL	2613	>CDKN2A-H9 VLYRAGARLD	305	2308
>CDKN2A-H9 VLHRAGARL	371	>CDKN2A-H9 VLYRAGARL	110	261

>CDKN2A-H9 VLHRAGARLI	1621	>CDKN2A-H9 VLYRAGARLD	352	1269
>CDKN2A-H9 VLHRAGARL	156	>CDKN2A-H9 VLYRAGARL	37	119
>CDKN2A-H9 VLHRAGARLI	77	>CDKN2A-H9 VLYRAGARLD	21	56
>CDKN2A-H9 VLHRAGARLI	1977	>CDKN2A-H9 VLYRAGARLD	325	1652
>CDKN2A-H9 VLHRAGARL	21	>CDKN2A-H9 VLYRAGARL	5	16
>CDKN2A-H9 VLHRAGARLI	36	>CDKN2A-H9 VLYRAGARLD	7	29
>CDKN2A-H9 VLHRAGARL	269	>CDKN2A-H9 VLYRAGARL	34	235
>CDKN2A-H9 VLHRAGARLI	346	>CDKN2A-H9 VLYRAGARLD	69	277
>CDKN2A-H9 VLHRAGARL	358	>CDKN2A-H9 VLYRAGARL	17	341
>CDKN2A-H9 VLHRAGARLI	33	>CDKN2A-H9 VLYRAGARLD	7	26
>CDKN2A-H9 VLHRAGARL	1854	>CDKN2A-H9 VLYRAGARL	190	1664
>CDKN2A-H9 VLHRAGARLI	1296	>CDKN2A-H9 VLYRAGARLD	186	1110
>CDKN2A-H9 VLHRAGARL	6	>CDKN2A-H9 VLYRAGARL	4	2
>CDKN2A-H9 VLHRAGARLI	3	>CDKN2A-H9 VLYRAGARLD	3	0
>CDKN2A-H9 VLHRAGAR	862	>CDKN2A-H9 VLYRAGAR	80	782
>CDKN2A-H9 VLHRAGAR	299	>CDKN2A-H9 VLYRAGAR	122	177
>CDKN2A-H9 VLHRAGARL	1276	>CDKN2A-H9 VLYRAGARL	473	803
>CDKN2A-H9 VLHRAGARL	3986	>CDKN2A-H9 VLYRAGARL	411	3575
>CDKN2A-H9 VVLHRAGA	471	>CDKN2A-H9 VVLYRAGA	508	37
>CDKN2A-H9 VVLHRAGAR	225	>CDKN2A-H9 VVLYRAGAR	127	98
>CDKN2A-H9 VVLHRAGAR	576	>CDKN2A-H9 VVLYRAGAR	272	304
>CDKN2A-H9 VVLHRAGAR	1012	>CDKN2A-H9 VVLYRAGAR	326	686
>CDKN2A-H9 VVLHRAGARI	129	>CDKN2A-H9 VVLYRAGARL	227	98
>CDKN2A-H9 LVVLHRAGAF	250	>CDKN2A-H9 LVVLYRAGAR	183	67
>CDKN2A-H9 LVVLHRAGA	762	>CDKN2A-H9 LVVLYRAGA	415	347
>CDKN2A-H9 LVVLHRAGAF	127	>CDKN2A-H9 LVVLYRAGAR	110	17
>CDKN2A-H9 LVVLHRAGAF	287	>CDKN2A-H9 LVVLYRAGAR	287	0
>CDKN2A-H9 LVVLHRAGA	620	>CDKN2A-H9 LVVLYRAGA	282	338
>CDKN2A-H9 LVVLHRAGAF	435	>CDKN2A-H9 LVVLYRAGAR	278	157
>CDKN2A-H9 TLVVLHRA	433	>CDKN2A-H9 TLVVLYRA	242	191
>CDKN2A-H9 TLVVLHRAGA	1043	>CDKN2A-H9 TLVVLYRAGA	423	620
>CDKN2A-H9 TLVVLHRA	247	>CDKN2A-H9 TLVVLYRA	230	17
>CDKN2A-H9 TLVVLHRAGA	240	>CDKN2A-H9 TLVVLYRAGA	172	68
>CDKN2A-H9 TLVVLHRA	426	>CDKN2A-H9 TLVVLYRA	383	43
>CDKN2A-H9 TLVVLHRA	59	>CDKN2A-H9 TLVVLYRA	136	77
>CDKN2A-H9 TLVVLHRAGA	465	>CDKN2A-H9 TLVVLYRAGA	317	148
>CDKN2A-H9 TLVVLHRAGA	209	>CDKN2A-H9 TLVVLYRAGA	208	1
>CDKN2A-H9 TLVVLHRAGA	185	>CDKN2A-H9 TLVVLYRAGA	200	15
>CDKN2A-H9 DTLVVLHR	277	>CDKN2A-H9 DTLVVLYR	82	195
>CDKN2A-H9 DTLVVLHR	9	>CDKN2A-H9 DTLVVLYR	8	1
>CDKN2A-H9 DTLVVLHR	16	>CDKN2A-H9 DTLVVLYR	6	10
>CDKN2A-H9 DTLVVLHRA	178	>CDKN2A-H9 DTLVVLYRA	70	108
>CDKN2A-H9 DTLVVLHRAC	197	>CDKN2A-H9 DTLVVLYRAG	106	91

>CDKN2A-H9 DTLVVLHRA	46	>CDKN2A-H9 DTLVVLYRA	114	68
>CDKN2A-H9 DTLVVLHRAC	65	>CDKN2A-H9 DTLVVLYRAG	66	1
>CDKN2A-H9 DTLVVLHR	554	>CDKN2A-H9 DTLVVLYR	484	70
>CDKN2A-H9 DTLVVLHR	1779	>CDKN2A-H9 DTLVVLYR	489	1290
>CDKN2A-H9 FLDTLVVLH	2353	>CDKN2A-H9 FLDTLVVLY	11	2342
>CDKN2A-H9 FLDTLVVLHR	550	>CDKN2A-H9 FLDTLVVLYR	119	431
>CDKN2A-H9 FLDTLVVLHR,	12	>CDKN2A-H9 FLDTLVVLYR/	10	2
>CDKN2A-H9 FLDTLVVLHR	1626	>CDKN2A-H9 FLDTLVVLYR	252	1374
>CDKN2A-H9 FLDTLVVLHR,	7	>CDKN2A-H9 FLDTLVVLYR/	6	1
>CDKN2A-H9 FLDTLVVLHR,	24	>CDKN2A-H9 FLDTLVVLYR/	33	9
>CDKN2A-H9 FLDTLVVLHR,	68	>CDKN2A-H9 FLDTLVVLYR/	74	6
>CDKN2A-H9 FLDTLVVLH	2954	>CDKN2A-H9 FLDTLVVLY	375	2579
>CDKN2A-H9 FLDTLVVLHR	1433	>CDKN2A-H9 FLDTLVVLYR	218	1215
>CDKN2A-H9 FLDTLVVLHR,	3	>CDKN2A-H9 FLDTLVVLYR/	3	0
>CDKN2A-H9 FLDTLVVLHR,	9	>CDKN2A-H9 FLDTLVVLYR/	8	1
>CDKN2A-H9 FLDTLVVLHR,	8	>CDKN2A-H9 FLDTLVVLYR/	9	1
>CDKN2A-H9 FLDTLVVLHR,	19	>CDKN2A-H9 FLDTLVVLYR/	21	2
>CDKN2A-H9 FLDTLVVLHR,	3	>CDKN2A-H9 FLDTLVVLYR/	4	1
>CDKN2A-H9 FLDTLVVLH	4909	>CDKN2A-H9 FLDTLVVLY	39	4870
>CDKN2A-H9 FLDTLVVLHR	586	>CDKN2A-H9 FLDTLVVLYR	182	404
>CDKN2A-H9 FLDTLVVLHR	626	>CDKN2A-H9 FLDTLVVLYR	80	546
>CDKN2A-H9 FLDTLVVLHR	354	>CDKN2A-H9 FLDTLVVLYR	45	309
>CDKN2A-H9 FLDTLVVLH	13760	>CDKN2A-H9 FLDTLVVLY	52	13708
>CDKN2A-H9 FLDTLVVLH	14830	>CDKN2A-H9 FLDTLVVLY	129	14701
>CDKN2A-H9 FLDTLVVLHR	553	>CDKN2A-H9 FLDTLVVLYR	311	242
>CDKN2A-H9 FLDTLVVLHR	272	>CDKN2A-H9 FLDTLVVLYR	108	164
>CDKN2A-H9 GFLDTLVVLH	12934	>CDKN2A-H9 GFLDTLVVLY	80	12854
>CDKN2A-H9 GFLDTLVVLH	38	>CDKN2A-H9 GFLDTLVVLYI	17	21
>CDKN2A-H9 GFLDTLVVLH	421	>CDKN2A-H9 GFLDTLVVLYI	242	179
>CDKN2A-H9 GFLDTLVVLH	77	>CDKN2A-H9 GFLDTLVVLYI	34	43
>CDKN2A-I4 $\epsilon$ IQVMMMG,	1017	>CDKN2A-I4 $\epsilon$ MQVMMMG	252	765
>CDKN2A-I4 $\epsilon$ IQVMMMG,	598	>CDKN2A-I4 $\epsilon$ MQVMMMG	132	466
>CDKN2A-I4 $\epsilon$ IQVMMMG,	167	>CDKN2A-I4 $\epsilon$ MQVMMMG	52	115
>CDKN2A-I4 $\epsilon$ IQVMMMG,	42	>CDKN2A-I4 $\epsilon$ MQVMMMG	15	27
>CDKN2A-I4 $\epsilon$ IQVMMMG,	944	>CDKN2A-I4 $\epsilon$ MQVMMMG	320	624
>CDKN2A-I4 $\epsilon$ IQVMMMG,	87	>CDKN2A-I4 $\epsilon$ MQVMMMG	27	60
>CDKN2A-I4 $\epsilon$ IQVMMMG,	16	>CDKN2A-I4 $\epsilon$ MQVMMMG	7	9
>CDKN2A-I4 $\epsilon$ IQVMMMG,	587	>CDKN2A-I4 $\epsilon$ MQVMMMG	262	325
>CDKN2A-I4 $\epsilon$ IQVMMMG,	777	>CDKN2A-I4 $\epsilon$ MQVMMMG	216	561
>CDKN2A-I4 $\epsilon$ IQVMMMG,	120	>CDKN2A-I4 $\epsilon$ MQVMMMG	38	82
>CDKN2A-I4 $\epsilon$ IQVMMMG,	240	>CDKN2A-I4 $\epsilon$ MQVMMMG	139	101
>CDKN2A-I4 $\epsilon$ IQVMMMG,	117	>CDKN2A-I4 $\epsilon$ MQVMMMG	19	98
>CDKN2A-I4 $\epsilon$ IQVMMMG,	9898	>CDKN2A-I4 $\epsilon$ MQVMMMG	458	9440

>CDKN2A-I49IQVMMMSG.	691	>CDKN2A-I49MQVMMMG	338	353
>CDKN2A-I49IQVMMMSG.	754	>CDKN2A-I49MQVMMMG	398	356
>CDKN2A-I49IQVMMMSG.	187	>CDKN2A-I49MQVMMMG	148	39
>CDKN2A-I49IQVMMMSG.	508	>CDKN2A-I49MQVMMMG	408	100
>CDKN2A-I49PIQVMMMG	1725	>CDKN2A-I49PMQVMMM	283	1442
>CDKN2A-I49NAPNSYGRR	266	>CDKN2A-I49NAPNSYGRR	3927	3661
>CDKN2A-I49RPIQVMMM	109	>CDKN2A-I49RPMQVMM	356	247
>CDKN2A-I49RPIQVMMM	18	>CDKN2A-I49RPMQVMM	8	10
>CDKN2A-I49RPIQVMMM	1124	>CDKN2A-I49RPMQVMM	271	853
>CDKN2A-I49RPIQVMMM	23	>CDKN2A-I49RPMQVMM	11	12
>CDKN2A-I49RPIQVMMM	109	>CDKN2A-I49RPMQVMM	114	5
>CDKN2A-I49RPIQVMMM	1178	>CDKN2A-I49RPMQVMM	497	681
>CDKN2A-I49RPIQVMMM	288	>CDKN2A-I49RPMQVMM	125	163
>CDKN2A-I49RPIQVMMM	134	>CDKN2A-I49RPMQVMM	131	3
>CDKN2A-I49RPIQVMMM	391	>CDKN2A-I49RPMQVMM	848	457
>CDKN2A-I49RRPIQVMM	612	>CDKN2A-I49RRPMQVM	315	297
>CDKN2A-I49RRPIQVMM	439	>CDKN2A-I49RRPMQVM	168	271
>CDKN2A-I49RRPIQVMM	120	>CDKN2A-I49RRPMQVM	109	11
>CDKN2A-I49RRPIQVMM	184	>CDKN2A-I49RRPMQVM	161	23
>CDKN2A-I49RRPIQVMM	131	>CDKN2A-I49RRPMQVM	170	39
>CDKN2A-I49RRPIQVMM	163	>CDKN2A-I49RRPMQVM	176	13
>CDKN2A-I49RRPIQVMM	125	>CDKN2A-I49RRPMQVM	176	51
>CDKN2A-I49RRPIQVMM	319	>CDKN2A-I49RRPMQVM	383	64
>CDKN2A-I49RRPIQVMM	74	>CDKN2A-I49RRPMQVM	194	120
>CDKN2A-I49RRPIQVMM	238	>CDKN2A-I49RRPMQVM	302	64
>CDKN2A-I49GRRPIQVM	317	>CDKN2A-I49GRRPMQVM	400	83
>CDKN2A-I49GRRPIQVM	485	>CDKN2A-I49GRRPMQVM	540	55
>CDKN2A-I49GRRPIQVM	365	>CDKN2A-I49GRRPMQVM	322	43
>CDKN2A-I49GRRPIQVM	314	>CDKN2A-I49GRRPMQVM	566	252
>CDKN2A-I49GRRPIQVM	115	>CDKN2A-I49GRRPMQVM	149	34
>CDKN2A-I49GRRPIQVM	203	>CDKN2A-I49GRRPMQVM	187	16
>CDKN2A-I49GRRPIQVM	250	>CDKN2A-I49GRRPMQVM	360	110
>CDKN2A-I49GRRPIQVM	213	>CDKN2A-I49GRRPMQVM	166	47
>CDKN2A-I49GRRPIQVM	455	>CDKN2A-I49GRRPMQVM	477	22
>CDKN2A-I49GRRPIQVM	34	>CDKN2A-I49GRRPMQVM	22	12
>CDKN2A-I49GRRPIQVM	222	>CDKN2A-I49GRRPMQVM	253	31
>CDKN2A-I49YGRRPIQVM	395	>CDKN2A-I49YGRRPMQVM	112	283
>CDKN2A-I49YGRRPIQVM	343	>CDKN2A-I49YGRRPMQVM	452	109
>CDKN2A-I49YGRRPIQVM	262	>CDKN2A-I49YGRRPMQVM	346	84
>CDKN2A-I49YGRRPIQVM	425	>CDKN2A-I49YGRRPMQVM	422	3
>CDKN2A-I49YGRRPIQVM	1252	>CDKN2A-I49YGRRPMQVM	336	916
>CDKN2A-I49YGRRPIQVM	44	>CDKN2A-I49YGRRPMQVM	16	28
>CDKN2A-I49YGRRPIQVM	45	>CDKN2A-I49YGRRPMQVM	43	2



>CDKN2A-I4 $\epsilon$ YGRRPIQVMI	37	>CDKN2A-I4 $\epsilon$ YGRRPMQV	22	15
>CDKN2A-I4 $\epsilon$ SYGRRPIQVM	780	>CDKN2A-I4 $\epsilon$ SYGRRPMQV	391	389
>CDKN2A-I4 $\epsilon$ SYGRRPIQV	799	>CDKN2A-I4 $\epsilon$ SYGRRPMQV	427	372
>CDKN2A-I4 $\epsilon$ SYGRRPIQVM	559	>CDKN2A-I4 $\epsilon$ SYGRRPMQV	472	87
>CDKN2A-I4 $\epsilon$ SYGRRPIQV	935	>CDKN2A-I4 $\epsilon$ SYGRRPMQV	153	782
>CDKN2A-I4 $\epsilon$ SYGRRPIQVM	136	>CDKN2A-I4 $\epsilon$ SYGRRPMQV	96	40
>CDKN2A-I4 $\epsilon$ SYGRRPIQVM	74	>CDKN2A-I4 $\epsilon$ SYGRRPMQV	47	27
>CDKN2A-I4 $\epsilon$ NSYGRRPIQV	264	>CDKN2A-I4 $\epsilon$ NSYGRRPMQ	203	61
>CDKN2A-I4 $\epsilon$ NSYGRRPIQV	485	>CDKN2A-I4 $\epsilon$ NSYGRRPMQ	222	263
>CDKN2A-I4 $\epsilon$ NSYGRRPIQV	408	>CDKN2A-I4 $\epsilon$ NSYGRRPMQ	227	181
>CDKN2A-I4 $\epsilon$ NSYGRRPI	1095	>CDKN2A-I4 $\epsilon$ NSYGRRPM	113	982
>CDKN2A-I4 $\epsilon$ NSYGRRPIQV	132	>CDKN2A-I4 $\epsilon$ NSYGRRPMQ	72	60
>CDKN2A-I4 $\epsilon$ NSYGRRPIQV	495	>CDKN2A-I4 $\epsilon$ NSYGRRPMQ	716	221
>CDKN2A-I4 $\epsilon$ NSYGRRPIQV	251	>CDKN2A-I4 $\epsilon$ NSYGRRPMQ	134	117
>CDKN2A-I4 $\epsilon$ NSYGRRPI	104	>CDKN2A-I4 $\epsilon$ NSYGRRPM	2985	2881
>CDKN2A-I4 $\epsilon$ APNSYGRRPI	20	>CDKN2A-I4 $\epsilon$ APNSYGRRPM	17	3
>CDKN2A-I4 $\epsilon$ APNSYGRRPI	544	>CDKN2A-I4 $\epsilon$ APNSYGRRPM	214	330
>CDKN2A-I4 $\epsilon$ IQVMMMGS	167	>CDKN2A-I4 $\epsilon$ SQVMMMGS	162	5
>CDKN2A-I4 $\epsilon$ IQVMMMGS	42	>CDKN2A-I4 $\epsilon$ SQVMMMGS	39	3
>CDKN2A-I4 $\epsilon$ IQVMMMGS	87	>CDKN2A-I4 $\epsilon$ SQVMMMGS	93	6
>CDKN2A-I4 $\epsilon$ IQVMMMGS	16	>CDKN2A-I4 $\epsilon$ SQVMMMGS	13	3
>CDKN2A-I4 $\epsilon$ IQVMMMGS	1485	>CDKN2A-I4 $\epsilon$ SQVMMMGS	290	1195
>CDKN2A-I4 $\epsilon$ IQVMMMGS	120	>CDKN2A-I4 $\epsilon$ SQVMMMGS	79	41
>CDKN2A-I4 $\epsilon$ IQVMMMGS	240	>CDKN2A-I4 $\epsilon$ SQVMMMGS	314	74
>CDKN2A-I4 $\epsilon$ IQVMMMGS	117	>CDKN2A-I4 $\epsilon$ SQVMMMGS	55	62
>CDKN2A-I4 $\epsilon$ IQVMMMGS	187	>CDKN2A-I4 $\epsilon$ SQVMMMGS	496	309
>CDKN2A-I4 $\epsilon$ NAPNSYGRRPI	266	>CDKN2A-I4 $\epsilon$ NAPNSYGRRPM	6452	6186
>CDKN2A-I4 $\epsilon$ RPIQVMMM	109	>CDKN2A-I4 $\epsilon$ RPSQVMMM	1863	1754
>CDKN2A-I4 $\epsilon$ RPIQVMMM	18	>CDKN2A-I4 $\epsilon$ RPSQVMMM	21	3
>CDKN2A-I4 $\epsilon$ RPIQVMMM	23	>CDKN2A-I4 $\epsilon$ RPSQVMMM	24	1
>CDKN2A-I4 $\epsilon$ RPIQVMMM	109	>CDKN2A-I4 $\epsilon$ RPSQVMMM	118	9
>CDKN2A-I4 $\epsilon$ RPIQVMMM	288	>CDKN2A-I4 $\epsilon$ RPSQVMMM	927	639
>CDKN2A-I4 $\epsilon$ RPIQVMMM	134	>CDKN2A-I4 $\epsilon$ RPSQVMMM	1214	1080
>CDKN2A-I4 $\epsilon$ RPIQVMMM	391	>CDKN2A-I4 $\epsilon$ RPSQVMMM	472	81
>CDKN2A-I4 $\epsilon$ RRPIQVMM	612	>CDKN2A-I4 $\epsilon$ RRPSQVMM	134	478
>CDKN2A-I4 $\epsilon$ RRPIQVMM	439	>CDKN2A-I4 $\epsilon$ RRPSQVMMI	94	345
>CDKN2A-I4 $\epsilon$ RRPIQVMM	120	>CDKN2A-I4 $\epsilon$ RRPSQVMM	119	1
>CDKN2A-I4 $\epsilon$ RRPIQVMM	184	>CDKN2A-I4 $\epsilon$ RRPSQVMMI	136	48
>CDKN2A-I4 $\epsilon$ RRPIQVMM	131	>CDKN2A-I4 $\epsilon$ RRPSQVMM	235	104
>CDKN2A-I4 $\epsilon$ RRPIQVMM	163	>CDKN2A-I4 $\epsilon$ RRPSQVMMI	170	7
>CDKN2A-I4 $\epsilon$ RRPIQVMM	125	>CDKN2A-I4 $\epsilon$ RRPSQVMMI	215	90
>CDKN2A-I4 $\epsilon$ RRPIQVMM	319	>CDKN2A-I4 $\epsilon$ RRPSQVMM	670	351
>CDKN2A-I4 $\epsilon$ RRPIQVMM	74	>CDKN2A-I4 $\epsilon$ RRPSQVMMI	131	57

>CDKN2A-I4 $\epsilon$ RRPIQVMM	238	>CDKN2A-I4 $\epsilon$ RRPSQVMMI	415	177
>CDKN2A-I4 $\epsilon$ GRRPIQVM	317	>CDKN2A-I4 $\epsilon$ GRRPSQVM	81	236
>CDKN2A-I4 $\epsilon$ GRRPIQVMM	485	>CDKN2A-I4 $\epsilon$ GRRPSQVMM	61	424
>CDKN2A-I4 $\epsilon$ GRRPIQVMM	365	>CDKN2A-I4 $\epsilon$ GRRPSQVMM	68	297
>CDKN2A-I4 $\epsilon$ GRRPIQVM	314	>CDKN2A-I4 $\epsilon$ GRRPSQVM	987	673
>CDKN2A-I4 $\epsilon$ GRRPIQVMM	115	>CDKN2A-I4 $\epsilon$ GRRPSQVMM	344	229
>CDKN2A-I4 $\epsilon$ GRRPIQVMM	203	>CDKN2A-I4 $\epsilon$ GRRPSQVMM	207	4
>CDKN2A-I4 $\epsilon$ GRRPIQVMM	250	>CDKN2A-I4 $\epsilon$ GRRPSQVMM	637	387
>CDKN2A-I4 $\epsilon$ GRRPIQVMM	213	>CDKN2A-I4 $\epsilon$ GRRPSQVMM	504	291
>CDKN2A-I4 $\epsilon$ GRRPIQVMM	455	>CDKN2A-I4 $\epsilon$ GRRPSQVMM	387	68
>CDKN2A-I4 $\epsilon$ GRRPIQVMM	34	>CDKN2A-I4 $\epsilon$ GRRPSQVMM	101	67
>CDKN2A-I4 $\epsilon$ GRRPIQVMM	222	>CDKN2A-I4 $\epsilon$ GRRPSQVMM	258	36
>CDKN2A-I4 $\epsilon$ YGRRPIQVM	395	>CDKN2A-I4 $\epsilon$ YGRRPSQVM	166	229
>CDKN2A-I4 $\epsilon$ YGRRPIQVM	343	>CDKN2A-I4 $\epsilon$ YGRRPSQVM	150	193
>CDKN2A-I4 $\epsilon$ YGRRPIQVM	897	>CDKN2A-I4 $\epsilon$ YGRRPSQVM	272	625
>CDKN2A-I4 $\epsilon$ YGRRPIQVM	262	>CDKN2A-I4 $\epsilon$ YGRRPSQVM	152	110
>CDKN2A-I4 $\epsilon$ YGRRPIQVMI	597	>CDKN2A-I4 $\epsilon$ YGRRPSQVM	213	384
>CDKN2A-I4 $\epsilon$ YGRRPIQVMI	425	>CDKN2A-I4 $\epsilon$ YGRRPSQVM	237	188
>CDKN2A-I4 $\epsilon$ YGRRPIQVM	44	>CDKN2A-I4 $\epsilon$ YGRRPSQVM	21	23
>CDKN2A-I4 $\epsilon$ YGRRPIQVMI	45	>CDKN2A-I4 $\epsilon$ YGRRPSQVM	56	11
>CDKN2A-I4 $\epsilon$ YGRRPIQVMI	37	>CDKN2A-I4 $\epsilon$ YGRRPSQVM	20	17
>CDKN2A-I4 $\epsilon$ SYGRRPIQV	4313	>CDKN2A-I4 $\epsilon$ SYGRRPSQV	90	4223
>CDKN2A-I4 $\epsilon$ SYGRRPIQVM	1035	>CDKN2A-I4 $\epsilon$ SYGRRPSQVM	402	633
>CDKN2A-I4 $\epsilon$ SYGRRPIQVM	780	>CDKN2A-I4 $\epsilon$ SYGRRPSQVM	196	584
>CDKN2A-I4 $\epsilon$ SYGRRPIQVM	136	>CDKN2A-I4 $\epsilon$ SYGRRPSQVM	221	85
>CDKN2A-I4 $\epsilon$ SYGRRPIQVM	74	>CDKN2A-I4 $\epsilon$ SYGRRPSQVM	94	20
>CDKN2A-I4 $\epsilon$ NSYGRRPIQV	264	>CDKN2A-I4 $\epsilon$ NSYGRRPSQ\	264	0
>CDKN2A-I4 $\epsilon$ NSYGRRPIQV	485	>CDKN2A-I4 $\epsilon$ NSYGRRPSQ\	1681	1196
>CDKN2A-I4 $\epsilon$ NSYGRRPIQV	408	>CDKN2A-I4 $\epsilon$ NSYGRRPSQ\	568	160
>CDKN2A-I4 $\epsilon$ NSYGRRPIQV	132	>CDKN2A-I4 $\epsilon$ NSYGRRPSQ\	90	42
>CDKN2A-I4 $\epsilon$ NSYGRRPIQV	495	>CDKN2A-I4 $\epsilon$ NSYGRRPSQ\	744	249
>CDKN2A-I4 $\epsilon$ NSYGRRPIQV	251	>CDKN2A-I4 $\epsilon$ NSYGRRPSQ\	188	63
>CDKN2A-I4 $\epsilon$ NSYGRRPI	104	>CDKN2A-I4 $\epsilon$ NSYGRRPS	26409	26305
>CDKN2A-I4 $\epsilon$ APNSYGRRPI	20	>CDKN2A-I4 $\epsilon$ APNSYGRRPS	559	539
>CDKN2A-I4 $\epsilon$ APNSYGRRPI	1068	>CDKN2A-I4 $\epsilon$ APNSYGRRPS	299	769
>CDKN2A-L1:LPVDLAEEL	10225	>CDKN2A-L1:MPVDLAEEL	473	9752
>CDKN2A-L1:LPVDLAEEL	414	>CDKN2A-L1:MPVDLAEEL	170	244
>CDKN2A-L1:LPVDLAEEL	905	>CDKN2A-L1:MPVDLAEEL	119	786
>CDKN2A-L1:LPVDLAEEL	42	>CDKN2A-L1:MPVDLAEEL	17	25
>CDKN2A-L1:LPVDLAEELG	86	>CDKN2A-L1:MPVDLAEELC	24	62
>CDKN2A-L1:LPVDLAEEL	1748	>CDKN2A-L1:MPVDLAEEL	125	1623
>CDKN2A-L1:LPVDLAEEL	407	>CDKN2A-L1:MPVDLAEEL	425	18
>CDKN2A-L1:LPVDLAEEL	52	>CDKN2A-L1:MPVDLAEEL	30	22

>CDKN2A-L1 LPVDLAEELG	2239	>CDKN2A-L1 MPVDLAEELC	462	1777
>CDKN2A-L1 LPVDLAEEL	1738	>CDKN2A-L1 MPVDLAEEL	491	1247
>CDKN2A-L1 LPVDLAEEL	86	>CDKN2A-L1 MPVDLAEEL	136	50
>CDKN2A-L1 RLPVDLAEEL	99	>CDKN2A-L1 RMPVDLAEEL	111	12
>CDKN2A-L1 RLPVDLAEEL	38	>CDKN2A-L1 RMPVDLAEEL	24	14
>CDKN2A-L1 RLPVDLAEEL	165	>CDKN2A-L1 RMPVDLAEEL	106	59
>CDKN2A-L1 RLPVDLAEEL	125	>CDKN2A-L1 RMPVDLAEEL	112	13
>CDKN2A-L1 RLPVDLAEEL	391	>CDKN2A-L1 RMPVDLAEEL	276	115
>CDKN2A-L1 RLPVDLAEEL	15	>CDKN2A-L1 RMPVDLAEEL	23	8
>CDKN2A-L1 RLPVDLAEEL	1924	>CDKN2A-L1 RMPVDLAEEL	353	1571
>CDKN2A-L1 RLDVRDAWG	122	>CDKN2A-L1 RLDVRDAWG	796	674
>CDKN2A-L1 RLDVRDAWG	227	>CDKN2A-L1 RLDVRDAWG	2357	2130
>CDKN2A-L1 RLDVRDAWG	91	>CDKN2A-L1 RLDVRDAWG	1622	1531
>CDKN2A-L1 GRLPVDLAE	202	>CDKN2A-L1 GRMPVDLAE	82	120
>CDKN2A-L1 GRLPVDLAE	1465	>CDKN2A-L1 GRMPVDLAE	379	1086
>CDKN2A-L1 GRLPVDLAE	194	>CDKN2A-L1 GRMPVDLAE	132	62
>CDKN2A-L1 GRLPVDLAE	29	>CDKN2A-L1 GRMPVDLAE	18	11
>CDKN2A-L1 AWGRLPVDL	474	>CDKN2A-L1 AWGRMPVD	875	401
>CDKN2A-L1 AWGRLPVDL	403	>CDKN2A-L1 AWGRMPVD	491	88
>CDKN2A-L1 AWGRLPVDL	156	>CDKN2A-L1 AWGRMPVD	182	26
>CDKN2A-L1 DAWGRLPV	260	>CDKN2A-L1 DAWGRMPV	54	206
>CDKN2A-L1 DAWGRLPV	24	>CDKN2A-L1 DAWGRMPV	14	10
>CDKN2A-L1 RDAWGRLPV	737	>CDKN2A-L1 RDAWGRMP	373	364
>CDKN2A-L1 RDAWGRLPV	654	>CDKN2A-L1 RDAWGRMP	420	234
>CDKN2A-L1 VRDAWGRLP	489	>CDKN2A-L1 VRDAWGRM	404	85
>CDKN2A-L1 DVRDAWGRI	456	>CDKN2A-L1 DVRDAWGRI	22	434
>CDKN2A-L1 DVRDAWGRI	644	>CDKN2A-L1 DVRDAWGRI	83	561
>CDKN2A-L1 DVRDAWGRI	277	>CDKN2A-L1 DVRDAWGRI	183	94
>CDKN2A-L1 DVRDAWGRI	208	>CDKN2A-L1 DVRDAWGRI	47	161
>CDKN2A-L1 DVRDAWGRI	198	>CDKN2A-L1 DVRDAWGRI	115	83
>CDKN2A-L1 LDVRDAWGF	477	>CDKN2A-L1 LDVRDAWGF	1312	835
>CDKN2A-L1 LPVDLAEEL	414	>CDKN2A-L1 PPVDLAEEL	7514	7100
>CDKN2A-L1 LPVDLAEEL	42	>CDKN2A-L1 PPVDLAEEL	2095	2053
>CDKN2A-L1 LPVDLAEELG	86	>CDKN2A-L1 PPVDLAEELG	2207	2121
>CDKN2A-L1 LPVDLAEEL	407	>CDKN2A-L1 PPVDLAEEL	7394	6987
>CDKN2A-L1 LPVDLAEEL	52	>CDKN2A-L1 PPVDLAEEL	463	411
>CDKN2A-L1 LPVDLAEEL	86	>CDKN2A-L1 PPVDLAEEL	2453	2367
>CDKN2A-L1 RLPVDLAEEL	99	>CDKN2A-L1 RPPVDLAEEL	20072	19973
>CDKN2A-L1 RLPVDLAEEL	38	>CDKN2A-L1 RPPVDLAEEL	25081	25043
>CDKN2A-L1 RLPVDLAEEL	165	>CDKN2A-L1 RPPVDLAEEL	24844	24679
>CDKN2A-L1 RLPVDLAEEL	125	>CDKN2A-L1 RPPVDLAEEL	24418	24293
>CDKN2A-L1 RLPVDLAEEL	391	>CDKN2A-L1 RPPVDLAEEL	25756	25365
>CDKN2A-L1 RLPVDLAEEL	15	>CDKN2A-L1 RPPVDLAEEL	31371	31356

>CDKN2A-L1: RLPVDLAEEL	29396	>CDKN2A-L1: RPPVDLAEEL	128	29268
>CDKN2A-L1: RLDVRDAWG	122	>CDKN2A-L1: RLDVRDAWG	14236	14114
>CDKN2A-L1: RLDVRDAWG	227	>CDKN2A-L1: RLDVRDAWG	17137	16910
>CDKN2A-L1: RLDVRDAWG	91	>CDKN2A-L1: RLDVRDAWG	22865	22774
>CDKN2A-L1: GRLPVDLAE	202	>CDKN2A-L1: GRPPVDLAE	3438	3236
>CDKN2A-L1: GRLPVDLAE	194	>CDKN2A-L1: GRPPVDLAE	447	253
>CDKN2A-L1: GRLPVDLAE	29	>CDKN2A-L1: GRPPVDLAE	48	19
>CDKN2A-L1: AWGRLPVDL	474	>CDKN2A-L1: AWGRPPVDL	1115	641
>CDKN2A-L1: AWGRLPVDL	403	>CDKN2A-L1: AWGRPPVDL	1165	762
>CDKN2A-L1: AWGRLPVDL	156	>CDKN2A-L1: AWGRPPVDL	105	51
>CDKN2A-L1: DAWGRLPV	260	>CDKN2A-L1: DAWGRPPV	507	247
>CDKN2A-L1: DAWGRLPV	24	>CDKN2A-L1: DAWGRPPV	17	7
>CDKN2A-L1: RDAWGRLPV	737	>CDKN2A-L1: RDAWGRPPV	194	543
>CDKN2A-L1: VRDAWGRLP	489	>CDKN2A-L1: VRDAWGRPF	528	39
>CDKN2A-L1: DVRDAWGRI	456	>CDKN2A-L1: DVRDAWGRI	12599	12143
>CDKN2A-L1: DVRDAWGRI	277	>CDKN2A-L1: DVRDAWGRI	205	72
>CDKN2A-L1: DVRDAWGRI	208	>CDKN2A-L1: DVRDAWGRI	392	184
>CDKN2A-L1: DVRDAWGRI	198	>CDKN2A-L1: DVRDAWGRI	80	118
>CDKN2A-L1: LDVRDAWGF	477	>CDKN2A-L1: LDVRDAWGF	16594	16117
>CDKN2A-L1: LRAAAGGTR	199	>CDKN2A-L1: PRAAAGGTR	2648	2449
>CDKN2A-L1: YLRAAAGGT	48	>CDKN2A-L1: YPRAAAGGT	19605	19557
>CDKN2A-L1: YLRAAAGGT	128	>CDKN2A-L1: YPRAAAGGT	36659	36531
>CDKN2A-L1: YLRAAAGGT	11121	>CDKN2A-L1: YPRAAAGGT	30	11091
>CDKN2A-L1: YLRAAAGGTF	21462	>CDKN2A-L1: YPRAAAGGTI	404	21058
>CDKN2A-L1: YLRAAAGGTF	231	>CDKN2A-L1: YPRAAAGGTI	12355	12124
>CDKN2A-L1: ELGHRDVAR)	382	>CDKN2A-L1: ELGHRDVAR)	18237	17855
>CDKN2A-L1: ELGHRDVAR)	477	>CDKN2A-L1: ELGHRDVAR)	27608	27131
>CDKN2A-L1: RYLRAAAG	414	>CDKN2A-L1: RYPRAAAG	340	74
>CDKN2A-L1: RYLRAAAGG	436	>CDKN2A-L1: RYPRAAAGG	405	31
>CDKN2A-L1: RYLRAAAGG	218	>CDKN2A-L1: RYPRAAAGG`	181	37
>CDKN2A-L1: RYLRAAAGG	128	>CDKN2A-L1: RYPRAAAGG`	109	19
>CDKN2A-L1: RYLRAAAG	239	>CDKN2A-L1: RYPRAAAG	4695	4456
>CDKN2A-L1: RYLRAAAGG	315	>CDKN2A-L1: RYPRAAAGG	5364	5049
>CDKN2A-L1: RYLRAAAGG	96	>CDKN2A-L1: RYPRAAAGG`	2726	2630
>CDKN2A-L1: RYLRAAAGG	24	>CDKN2A-L1: RYPRAAAGG`	232	208
>CDKN2A-L1: RYLRAAAGG	33	>CDKN2A-L1: RYPRAAAGG`	36	3
>CDKN2A-L1: ARYLRAAA	195	>CDKN2A-L1: ARYPRAAA	421	226
>CDKN2A-L1: ARYLRAAAGC	321	>CDKN2A-L1: ARYPRAAAGC	554	233
>CDKN2A-L1: ARYLRAAA	428	>CDKN2A-L1: ARYPRAAA	508	80
>CDKN2A-L1: ARYLRAAAG	638	>CDKN2A-L1: ARYPRAAAG	414	224
>CDKN2A-L1: VARYLRAA	137	>CDKN2A-L1: VARYPRAA	143	6
>CDKN2A-L1: VARYLRAAA	38	>CDKN2A-L1: VARYPRAAA	43	5
>CDKN2A-L1: VARYLRAA	1040	>CDKN2A-L1: VARYPRAA	495	545

>CDKN2A-L1: VARYLRAAA	284	>CDKN2A-L1: VARYPRAAA	59	225
>CDKN2A-L1: DVARYLRAAA/	376	>CDKN2A-L1: DVARYPRAAA/	282	94
>CDKN2A-L1: RDVARYLR	243	>CDKN2A-L1: RDVARYPR	143	100
>CDKN2A-L1: RDVARYLR	79	>CDKN2A-L1: RDVARYPR	50	29
>CDKN2A-L1: HRDVARYLR	203	>CDKN2A-L1: HRDVARYPR	166	37
>CDKN2A-L1: HRDVARYLR/	122	>CDKN2A-L1: HRDVARYPR/	171	49
>CDKN2A-L1: HRDVARYL	175	>CDKN2A-L1: HRDVARYP	19230	19055
>CDKN2A-L1: HRDVARYLR	370	>CDKN2A-L1: HRDVARYPR	146	224
>CDKN2A-L1: GHRDVARYL/	282	>CDKN2A-L1: GHRDVARYP/	262	20
>CDKN2A-L1: LGHRDVARYL	152	>CDKN2A-L1: LGHRDVARYP	107	45
>CDKN2A-L1: LGHRDVARYL	881	>CDKN2A-L1: LGHRDVARYP	382	499
>CDKN2A-L1: LRAAAGGTR	199	>CDKN2A-L1: QRAAAGGTR	235	36
>CDKN2A-L1: YLRAAAGGT	48	>CDKN2A-L1: YQRAAAGGT	1686	1638
>CDKN2A-L1: YLRAAAGGT	128	>CDKN2A-L1: YQRAAAGGT	30687	30559
>CDKN2A-L1: YLRAAAGG	920	>CDKN2A-L1: YQRAAAGG	214	706
>CDKN2A-L1: YLRAAAGGTF	827	>CDKN2A-L1: YQRAAAGGT	215	612
>CDKN2A-L1: YLRAAAGGTF	6251	>CDKN2A-L1: YQRAAAGGT	418	5833
>CDKN2A-L1: YLRAAAGGTF	231	>CDKN2A-L1: YQRAAAGGT	6537	6306
>CDKN2A-L1: ELGHRDVAR/	382	>CDKN2A-L1: ELGHRDVAR/	12010	11628
>CDKN2A-L1: ELGHRDVAR/	477	>CDKN2A-L1: ELGHRDVAR/	10192	9715
>CDKN2A-L1: RYLRAAAG	414	>CDKN2A-L1: RYQRAAAG	678	264
>CDKN2A-L1: RYLRAAAGG	436	>CDKN2A-L1: RYQRAAAGG	753	317
>CDKN2A-L1: RYLRAAAGGT	218	>CDKN2A-L1: RYQRAAAGG	358	140
>CDKN2A-L1: RYLRAAAGGT	128	>CDKN2A-L1: RYQRAAAGG	182	54
>CDKN2A-L1: RYLRAAAG	239	>CDKN2A-L1: RYQRAAAG	979	740
>CDKN2A-L1: RYLRAAAGG	315	>CDKN2A-L1: RYQRAAAGG	1205	890
>CDKN2A-L1: RYLRAAAGGT	96	>CDKN2A-L1: RYQRAAAGG	403	307
>CDKN2A-L1: RYLRAAAGGT	24	>CDKN2A-L1: RYQRAAAGG	26	2
>CDKN2A-L1: RYLRAAAGGT	33	>CDKN2A-L1: RYQRAAAGG	72	39
>CDKN2A-L1: ARYLRAAAA	195	>CDKN2A-L1: ARYQRAAAA	218	23
>CDKN2A-L1: ARYLRAAAGC	321	>CDKN2A-L1: ARYQRAAAG	333	12
>CDKN2A-L1: ARYLRAAAA	428	>CDKN2A-L1: ARYQRAAAA	318	110
>CDKN2A-L1: VARYLRAA	137	>CDKN2A-L1: VARYQRAA	76	61
>CDKN2A-L1: VARYLRAAAA	38	>CDKN2A-L1: VARYQRAAAA	18	20
>CDKN2A-L1: VARYLRAAAA	284	>CDKN2A-L1: VARYQRAAAA	324	40
>CDKN2A-L1: DVARYLRA	514	>CDKN2A-L1: DVARYQRA	345	169
>CDKN2A-L1: DVARYLRAAA/	376	>CDKN2A-L1: DVARYQRAA/	600	224
>CDKN2A-L1: RDVARYLR	243	>CDKN2A-L1: RDVARYQR	325	82
>CDKN2A-L1: RDVARYLR	79	>CDKN2A-L1: RDVARYQR	164	85
>CDKN2A-L1: HRDVARYLR	203	>CDKN2A-L1: HRDVARYQR	212	9
>CDKN2A-L1: HRDVARYLR/	122	>CDKN2A-L1: HRDVARYQR/	158	36
>CDKN2A-L1: HRDVARYL	175	>CDKN2A-L1: HRDVARYQ	15905	15730
>CDKN2A-L1: HRDVARYLR	370	>CDKN2A-L1: HRDVARYQR	1108	738

>CDKN2A-L1:GHRDVARYL	282	>CDKN2A-L1:GHRDVARYQ	565	283
>CDKN2A-L1:LGHRDVARYL	152	>CDKN2A-L1:LGHRDVARYC	255	103
>CDKN2A-L1:LRAAAGGT	2330	>CDKN2A-L1:RRAAAGGT	263	2067
>CDKN2A-L1:LRAAAGGTR	199	>CDKN2A-L1:RRAAAGGTR	42	157
>CDKN2A-L1:LRAAAGGTRC	5353	>CDKN2A-L1:RRAAAGGTRC	155	5198
>CDKN2A-L1:LRAAAGGTRC	2175	>CDKN2A-L1:RRAAAGGTRC	230	1945
>CDKN2A-L1:LRAAAGGT	19776	>CDKN2A-L1:RRAAAGGT	427	19349
>CDKN2A-L1:LRAAAGGTR	14314	>CDKN2A-L1:RRAAAGGTR	351	13963
>CDKN2A-L1:LRAAAGGTRC	15550	>CDKN2A-L1:RRAAAGGTRC	417	15133
>CDKN2A-L1:YLRAAAGGT	48	>CDKN2A-L1:YRRAAAGGT	18412	18364
>CDKN2A-L1:YLRAAAGGT	128	>CDKN2A-L1:YRRAAAGGT	34968	34840
>CDKN2A-L1:YLRAAAGGTF	23351	>CDKN2A-L1:YRRAAAGGTI	114	23237
>CDKN2A-L1:YLRAAAGGTF	231	>CDKN2A-L1:YRRAAAGGTI	7405	7174
>CDKN2A-L1:ELGHRDVAR)	382	>CDKN2A-L1:ELGHRDVAR)	21651	21269
>CDKN2A-L1:ELGHRDVAR)	477	>CDKN2A-L1:ELGHRDVAR)	25942	25465
>CDKN2A-L1:ELGHRDVAR)	19172	>CDKN2A-L1:ELGHRDVAR)	151	19021
>CDKN2A-L1:ELGHRDVAR)	25728	>CDKN2A-L1:ELGHRDVAR)	78	25650
>CDKN2A-L1:ELGHRDVAR)	27678	>CDKN2A-L1:ELGHRDVAR)	112	27566
>CDKN2A-L1:RYLRAAAG	414	>CDKN2A-L1:RYRRAAAG	4127	3713
>CDKN2A-L1:RYLRAAAGG	436	>CDKN2A-L1:RYRRAAAGG	4365	3929
>CDKN2A-L1:RYLRAAAGGT	218	>CDKN2A-L1:RYRRAAAGG	2480	2262
>CDKN2A-L1:RYLRAAAGGT	128	>CDKN2A-L1:RYRRAAAGG	1007	879
>CDKN2A-L1:RYLRAAAG	239	>CDKN2A-L1:RYRRAAAG	6	233
>CDKN2A-L1:RYLRAAAGG	315	>CDKN2A-L1:RYRRAAAGG	6	309
>CDKN2A-L1:RYLRAAAGGT	1387	>CDKN2A-L1:RYRRAAAGG	16	1371
>CDKN2A-L1:RYLRAAAGGT	96	>CDKN2A-L1:RYRRAAAGG	5	91
>CDKN2A-L1:RYLRAAAGGT	24	>CDKN2A-L1:RYRRAAAGG	17	7
>CDKN2A-L1:RYLRAAAGGT	33	>CDKN2A-L1:RYRRAAAGG	85	52
>CDKN2A-L1:ARYLRAAA	195	>CDKN2A-L1:ARYRRAAA	158	37
>CDKN2A-L1:ARYLRAAAGC	321	>CDKN2A-L1:ARYRRAAAGC	242	79
>CDKN2A-L1:ARYLRAAA	428	>CDKN2A-L1:ARYRRAAA	324	104
>CDKN2A-L1:ARYLRAAAG	638	>CDKN2A-L1:ARYRRAAAG	481	157
>CDKN2A-L1:VARYLRAA	137	>CDKN2A-L1:VARYRRAA	53	84
>CDKN2A-L1:VARYLRAAA	38	>CDKN2A-L1:VARYRRAAA	19	19
>CDKN2A-L1:VARYLRAAAC	843	>CDKN2A-L1:VARYRRAAAC	371	472
>CDKN2A-L1:VARYLRAA	1040	>CDKN2A-L1:VARYRRAA	158	882
>CDKN2A-L1:VARYLRAAA	284	>CDKN2A-L1:VARYRRAAA	62	222
>CDKN2A-L1:VARYLRAA	2773	>CDKN2A-L1:VARYRRAA	161	2612
>CDKN2A-L1:VARYLRAAA	943	>CDKN2A-L1:VARYRRAAA	29	914
>CDKN2A-L1:DVARYLRAA/	376	>CDKN2A-L1:DVARYRRAA/	463	87
>CDKN2A-L1:RDVARYLR	243	>CDKN2A-L1:RDVARYRR	393	150
>CDKN2A-L1:RDVARYLR	79	>CDKN2A-L1:RDVARYRR	139	60
>CDKN2A-L1:HRDVARYLR	203	>CDKN2A-L1:HRDVARYRR	249	46

>CDKN2A-L1:HRDVARYLR/	122	>CDKN2A-L1:HRDVARYRR/	336	214
>CDKN2A-L1:HRDVARYL	175	>CDKN2A-L1:HRDVARYR	16793	16618
>CDKN2A-L1:HRDVARYLR	370	>CDKN2A-L1:HRDVARYRR	673	303
>CDKN2A-L1:GHRDVARYLI	282	>CDKN2A-L1:GHRDVARYRI	380	98
>CDKN2A-L1:LGHRDVARYI	152	>CDKN2A-L1:LGHRDVARYI	267	115
>CDKN2A-L1:LATAAARGR	105	>CDKN2A-L1:PATAAARGR	3110	3005
>CDKN2A-L1:LATAAARGR\	107	>CDKN2A-L1:PATAAARGR\	2567	2460
>CDKN2A-L1:WLATAAARG	35478	>CDKN2A-L1:WPATAAARG	479	34999
>CDKN2A-L1:WLATAAARG	336	>CDKN2A-L1:WPATAAARG	22248	21912
>CDKN2A-L1:WLATAAARG	22	>CDKN2A-L1:WPATAAARG	20443	20421
>CDKN2A-L1:WLATAAARG	8	>CDKN2A-L1:WPATAAARG	16139	16131
>CDKN2A-L1:WLATAAARG	125	>CDKN2A-L1:WPATAAARG	15211	15086
>CDKN2A-L1:WLATAAARG	25	>CDKN2A-L1:WPATAAARG	20242	20217
>CDKN2A-L1:WLATAAARG	244	>CDKN2A-L1:WPATAAARG	24235	23991
>CDKN2A-L1:WLATAAARG	27	>CDKN2A-L1:WPATAAARG	20117	20090
>CDKN2A-L1:WLATAAARG	23	>CDKN2A-L1:WPATAAARG	21325	21302
>CDKN2A-L1:WLATAAARG	3	>CDKN2A-L1:WPATAAARG	17960	17957
>CDKN2A-L1:WLATAAAR	68	>CDKN2A-L1:WPATAAAR	480	412
>CDKN2A-L1:WLATAAARG	37	>CDKN2A-L1:WPATAAARG	387	350
>CDKN2A-L1:WLATAAARG	350	>CDKN2A-L1:WPATAAARG	792	442
>CDKN2A-L1:WLATAAARG	11314	>CDKN2A-L1:WPATAAARG	40	11274
>CDKN2A-L1:WLATAAAR	9152	>CDKN2A-L1:WPATAAAR	84	9068
>CDKN2A-L1:WLATAAARG	15165	>CDKN2A-L1:WPATAAARG	336	14829
>CDKN2A-L1:WLATAAARG	29219	>CDKN2A-L1:WPATAAARG	125	29094
>CDKN2A-L1:WLATAAARG	58	>CDKN2A-L1:WPATAAARG	3242	3184
>CDKN2A-L1:WLATAAAR	328	>CDKN2A-L1:WPATAAAR	1062	734
>CDKN2A-L1:GSSMEPSAD\	96	>CDKN2A-L1:GSSMEPSAD\	20449	20353
>CDKN2A-L1:GSSMEPSAD\	152	>CDKN2A-L1:GSSMEPSAD\	9733	9581
>CDKN2A-L1:DWLATAAAR	119	>CDKN2A-L1:DWPATAAAR	961	842
>CDKN2A-L1:DWLATAAAR	23	>CDKN2A-L1:DWPATAAAR	28	5
>CDKN2A-L1:DWLATAAAR	30	>CDKN2A-L1:DWPATAAAR	43	13
>CDKN2A-L1:DWLATAAA	205	>CDKN2A-L1:DWPATAAA	697	492
>CDKN2A-L1:DWLATAAAR	450	>CDKN2A-L1:DWPATAAAR	1186	736
>CDKN2A-L1:SADWLATA	614	>CDKN2A-L1:SADWPATA	428	186
>CDKN2A-L1:SADWLATAA	83	>CDKN2A-L1:SADWPATAA	136	53
>CDKN2A-L1:SADWLATA	526	>CDKN2A-L1:SADWPATA	322	204
>CDKN2A-L1:SADWLATAA	491	>CDKN2A-L1:SADWPATAA	159	332
>CDKN2A-L1:SADWLATAA	283	>CDKN2A-L1:SADWPATAA	113	170
>CDKN2A-L1:EPSADWLA	737	>CDKN2A-L1:EPSADWPA	77	660
>CDKN2A-L1:EPSADWLAT	30	>CDKN2A-L1:EPSADWPAT	31	1
>CDKN2A-L1:EPSADWLAT/	31	>CDKN2A-L1:EPSADWPAT/	43	12
>CDKN2A-L1:EPSADWLA	754	>CDKN2A-L1:EPSADWPA	268	486
>CDKN2A-L1:EPSADWLAT/	270	>CDKN2A-L1:EPSADWPAT/	137	133

>CDKN2A-L1 MEPSADWLA	2800	>CDKN2A-L1 MEPSADWPA	288	2512
>CDKN2A-L1 MEPSADWL	182	>CDKN2A-L1 MEPSADWP	10121	9939
>CDKN2A-L1 MEPSADWLA	3184	>CDKN2A-L1 MEPSADWPA	499	2685
>CDKN2A-L1 MEPSADWLA	830	>CDKN2A-L1 MEPSADWPA	277	553
>CDKN2A-L1 SMEPSADWL	188	>CDKN2A-L1 SMEPSADWF	118	70
>CDKN2A-L1 SMEPSADWL	53	>CDKN2A-L1 SMEPSADWF	10821	10768
>CDKN2A-L1 SMEPSADWL	218	>CDKN2A-L1 SMEPSADWF	194	24
>CDKN2A-L1 SMEPSADWL	464	>CDKN2A-L1 SMEPSADWF	247	217
>CDKN2A-L1 SMEPSADWL	199	>CDKN2A-L1 SMEPSADWF	18266	18067
>CDKN2A-L1 SMEPSADWL	265	>CDKN2A-L1 SMEPSADWF	130	135
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>CDKN2A-L1 SMEPSADWL	149	>CDKN2A-L1 SMEPSADWF	115	34
>CDKN2A-L1 SMEPSADWL	17	>CDKN2A-L1 SMEPSADWF	13185	13168
>CDKN2A-L1 SMEPSADWL	24	>CDKN2A-L1 SMEPSADWF	22	2
>CDKN2A-L1 SMEPSADWL	901	>CDKN2A-L1 SMEPSADWF	425	476
>CDKN2A-L1 SSMEPSADW	205	>CDKN2A-L1 SSMEPSADW	88	117
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>CDKN2A-L1 SSMEPSADW	286	>CDKN2A-L1 SSMEPSADW	23302	23016
>CDKN2A-L1 SSMEPSADW	56	>CDKN2A-L1 SSMEPSADW	26	30
>CDKN2A-L1 SSMEPSADW	295	>CDKN2A-L1 SSMEPSADW	9223	8928
>CDKN2A-L1 SSMEPSADW	363	>CDKN2A-L1 SSMEPSADW	99	264
>CDKN2A-L1 SSMEPSADW	11	>CDKN2A-L1 SSMEPSADW	10263	10252
>CDKN2A-L1 SSMEPSADW	192	>CDKN2A-L1 SSMEPSADW	16561	16369
>CDKN2A-L1 SSMEPSADW	396	>CDKN2A-L1 SSMEPSADW	14693	14297
>CDKN2A-L1 LATAAARGR	105	>CDKN2A-L1 RATAAARGR	640	535
>CDKN2A-L1 LATAAARGR\	107	>CDKN2A-L1 RATAAARGR\	118	11
>CDKN2A-L1 WLATAAARG	336	>CDKN2A-L1 WRATAAARC	21811	21475
>CDKN2A-L1 WLATAAARG	22	>CDKN2A-L1 WRATAAARC	14760	14738
>CDKN2A-L1 WLATAAARG	8	>CDKN2A-L1 WRATAAARC	14018	14010
>CDKN2A-L1 WLATAAARG	125	>CDKN2A-L1 WRATAAARC	13505	13380
>CDKN2A-L1 WLATAAARG	25	>CDKN2A-L1 WRATAAARC	17977	17952
>CDKN2A-L1 WLATAAARG	244	>CDKN2A-L1 WRATAAARC	23095	22851
>CDKN2A-L1 WLATAAARG	27	>CDKN2A-L1 WRATAAARC	17480	17453
>CDKN2A-L1 WLATAAARG	23	>CDKN2A-L1 WRATAAARC	19627	19604
>CDKN2A-L1 WLATAAARG	3	>CDKN2A-L1 WRATAAARC	10048	10045
>CDKN2A-L1 WLATAAAR	68	>CDKN2A-L1 WRATAAAR	1814	1746
>CDKN2A-L1 WLATAAARG	37	>CDKN2A-L1 WRATAAARC	1542	1505
>CDKN2A-L1 WLATAAARG	350	>CDKN2A-L1 WRATAAARC	13890	13540
>CDKN2A-L1 WLATAAAR	16654	>CDKN2A-L1 WRATAAAR	149	16505
>CDKN2A-L1 WLATAAARG	27895	>CDKN2A-L1 WRATAAARC	226	27669
>CDKN2A-L1 WLATAAARG	17859	>CDKN2A-L1 WRATAAARC	204	17655



>CDKN2A-L1 WLATAAARG	58	>CDKN2A-L1 WRATAAARC	1438	1380
>CDKN2A-L1 WLATAAAR	328	>CDKN2A-L1 WRATAAAR	1029	701
>CDKN2A-L1 GSSMEPSAD	32745	>CDKN2A-L1 GSSMEPSAD	282	32463
>CDKN2A-L1 GSSMEPSAD	96	>CDKN2A-L1 GSSMEPSAD	15055	14959
>CDKN2A-L1 GSSMEPSAD	152	>CDKN2A-L1 GSSMEPSAD	4788	4636
>CDKN2A-L1 GSSMEPSAD	6507	>CDKN2A-L1 GSSMEPSAD	323	6184
>CDKN2A-L1 DWLATAAAR	119	>CDKN2A-L1 DWRATAAAF	78	41
>CDKN2A-L1 DWLATAAAR	781	>CDKN2A-L1 DWRATAAAF	487	294
>CDKN2A-L1 DWLATAAAR	23	>CDKN2A-L1 DWRATAAAF	67	44
>CDKN2A-L1 DWLATAAAR	30	>CDKN2A-L1 DWRATAAAF	91	61
>CDKN2A-L1 DWLATAAA	205	>CDKN2A-L1 DWRATAAA	586	381
>CDKN2A-L1 DWLATAAAR	450	>CDKN2A-L1 DWRATAAAF	1002	552
>CDKN2A-L1 SADWLATAA	83	>CDKN2A-L1 SADWRATAA	129	46
>CDKN2A-L1 SADWLATAA	491	>CDKN2A-L1 SADWRATAA	2552	2061
>CDKN2A-L1 SADWLATAA	283	>CDKN2A-L1 SADWRATAA	906	623
>CDKN2A-L1 EPSADWLAT	30	>CDKN2A-L1 EPSADWRAT	89	59
>CDKN2A-L1 EPSADWLAT	31	>CDKN2A-L1 EPSADWRAT	75	44
>CDKN2A-L1 EPSADWLAT	270	>CDKN2A-L1 EPSADWRAT	346	76
>CDKN2A-L1 MEPSADWL	182	>CDKN2A-L1 MEPSADWR	17229	17047
>CDKN2A-L1 SMEPSADWL	188	>CDKN2A-L1 SMEPSADWF	623	435
>CDKN2A-L1 SMEPSADWL	53	>CDKN2A-L1 SMEPSADWF	18890	18837
>CDKN2A-L1 SMEPSADWL	218	>CDKN2A-L1 SMEPSADWF	624	406
>CDKN2A-L1 SMEPSADWL	464	>CDKN2A-L1 SMEPSADWF	1251	787
>CDKN2A-L1 SMEPSADWL	199	>CDKN2A-L1 SMEPSADWF	21432	21233
>CDKN2A-L1 SMEPSADWL	265	>CDKN2A-L1 SMEPSADWF	174	91
>CDKN2A-L1 SMEPSADWL	443	>CDKN2A-L1 SMEPSADWF	26352	25909
>CDKN2A-L1 SMEPSADWL	257	>CDKN2A-L1 SMEPSADWF	284	27
>CDKN2A-L1 SMEPSADWL	332	>CDKN2A-L1 SMEPSADWF	18621	18289
>CDKN2A-L1 SMEPSADWL	149	>CDKN2A-L1 SMEPSADWF	221	72
>CDKN2A-L1 SMEPSADWL	17	>CDKN2A-L1 SMEPSADWF	10518	10501
>CDKN2A-L1 SMEPSADWL	24	>CDKN2A-L1 SMEPSADWF	16	8
>CDKN2A-L1 SMEPSADWL	30196	>CDKN2A-L1 SMEPSADWF	286	29910
>CDKN2A-L1 SSMEPSADW	205	>CDKN2A-L1 SSMEPSADW	506	301
>CDKN2A-L1 SSMEPSADW	25257	>CDKN2A-L1 SSMEPSADW	57	25200
>CDKN2A-L1 SSMEPSADW	418	>CDKN2A-L1 SSMEPSADW	13397	12979
>CDKN2A-L1 SSMEPSADW	11831	>CDKN2A-L1 SSMEPSADW	47	11784
>CDKN2A-L1 SSMEPSADW	18025	>CDKN2A-L1 SSMEPSADW	8	18017
>CDKN2A-L1 SSMEPSADW	286	>CDKN2A-L1 SSMEPSADW	23640	23354
>CDKN2A-L1 SSMEPSADW	56	>CDKN2A-L1 SSMEPSADW	81	25
>CDKN2A-L1 SSMEPSADW	295	>CDKN2A-L1 SSMEPSADW	11046	10751
>CDKN2A-L1 SSMEPSADW	363	>CDKN2A-L1 SSMEPSADW	481	118
>CDKN2A-L1 SSMEPSADW	11	>CDKN2A-L1 SSMEPSADW	4898	4887
>CDKN2A-L1 SSMEPSADW	192	>CDKN2A-L1 SSMEPSADW	18030	17838

>CDKN2A-L1 SSMEPSADW	396	>CDKN2A-L1 SSMEPSADW	9686	9290
>CDKN2A-L1 SSMEPSADW	5771	>CDKN2A-L1 SSMEPSADW	236	5535
>CDKN2A-L3 LLEAGALPNA	371	>CDKN2A-L3 PLEAGALPNA	12647	12276
>CDKN2A-L3 LLEAGALPNA	241	>CDKN2A-L3 PLEAGALPNA	7082	6841
>CDKN2A-L3 LLEAGALPNA	249	>CDKN2A-L3 PLEAGALPNA	6125	5876
>CDKN2A-L3 LLEAGALPNA	10	>CDKN2A-L3 PLEAGALPNA	281	271
>CDKN2A-L3 ALLEAGAL	23663	>CDKN2A-L3 APLEAGAL	64	23599
>CDKN2A-L3 ALLEAGALPN	33939	>CDKN2A-L3 APLEAGALPN	346	33593
>CDKN2A-L3 ALLEAGAL	92	>CDKN2A-L3 APLEAGAL	22589	22497
>CDKN2A-L3 ALLEAGALPN	22	>CDKN2A-L3 APLEAGALPN	21278	21256
>CDKN2A-L3 ALLEAGAL	67	>CDKN2A-L3 APLEAGAL	26317	26250
>CDKN2A-L3 ALLEAGALPN	87	>CDKN2A-L3 APLEAGALPN	30513	30426
>CDKN2A-L3 ALLEAGAL	61	>CDKN2A-L3 APLEAGAL	22262	22201
>CDKN2A-L3 ALLEAGALPN	26	>CDKN2A-L3 APLEAGALPN	19504	19478
>CDKN2A-L3 ALLEAGAL	40	>CDKN2A-L3 APLEAGAL	9758	9718
>CDKN2A-L3 ALLEAGALPN	13	>CDKN2A-L3 APLEAGALPN	7406	7393
>CDKN2A-L3 ALLEAGAL	4	>CDKN2A-L3 APLEAGAL	12815	12811
>CDKN2A-L3 ALLEAGALPN	5	>CDKN2A-L3 APLEAGALPN	14889	14884
>CDKN2A-L3 ALLEAGAL	8	>CDKN2A-L3 APLEAGAL	19944	19936
>CDKN2A-L3 ALLEAGALPN	19	>CDKN2A-L3 APLEAGALPN	20198	20179
>CDKN2A-L3 ALLEAGAL	16	>CDKN2A-L3 APLEAGAL	19911	19895
>CDKN2A-L3 ALLEAGALPN	6	>CDKN2A-L3 APLEAGALPN	13845	13839
>CDKN2A-L3 ALLEAGAL	29	>CDKN2A-L3 APLEAGAL	22295	22266
>CDKN2A-L3 ALLEAGALPN	15	>CDKN2A-L3 APLEAGALPN	17501	17486
>CDKN2A-L3 ALLEAGAL	5	>CDKN2A-L3 APLEAGAL	28339	28334
>CDKN2A-L3 ALLEAGALPN	4	>CDKN2A-L3 APLEAGALPN	26785	26781
>CDKN2A-L3 ALLEAGAL	4143	>CDKN2A-L3 APLEAGAL	17	4126
>CDKN2A-L3 ALLEAGAL	9550	>CDKN2A-L3 APLEAGAL	300	9250
>CDKN2A-L3 ALLEAGAL	1574	>CDKN2A-L3 APLEAGAL	93	1481
>CDKN2A-L3 ALLEAGALPN	30827	>CDKN2A-L3 APLEAGALPN	165	30662
>CDKN2A-L3 ALLEAGAL	14532	>CDKN2A-L3 APLEAGAL	421	14111
>CDKN2A-L3 ARGRVEEVR/	260	>CDKN2A-L3 ARGRVEEVR/	18230	17970
>CDKN2A-L3 RALLEAGAL	18	>CDKN2A-L3 RAPLEAGAL	1937	1919
>CDKN2A-L3 RALLEAGAL	17872	>CDKN2A-L3 RAPLEAGAL	75	17797
>CDKN2A-L3 VRALLEAGAL	145	>CDKN2A-L3 VRAPLEAGAL	379	234
>CDKN2A-L3 VRALLEAGAL	515	>CDKN2A-L3 VRAPLEAGAL	270	245
>CDKN2A-L3 VRALLEAGAL	289	>CDKN2A-L3 VRAPLEAGAL	323	34
>CDKN2A-L3 EVRALLEAGA	51	>CDKN2A-L3 EVRAPLEAGA	31	20
>CDKN2A-L3 EVRALLEAGA	293	>CDKN2A-L3 EVRAPLEAGA	135	158
>CDKN2A-L3 EVRALLEAGA	497	>CDKN2A-L3 EVRAPLEAGA	542	45
>CDKN2A-L3 EVRALLEAGA	742	>CDKN2A-L3 EVRAPLEAGA	287	455
>CDKN2A-L3 EEVRALLE	108	>CDKN2A-L3 EEVRAPLE	558	450
>CDKN2A-L3 EEVRALLEA	326	>CDKN2A-L3 EEVRAPLEA	888	562

>CDKN2A-L3:EEVRALLEA	454	>CDKN2A-L3:EEVRAPLEA	592	138
>CDKN2A-L3:EEVRALLEA	14	>CDKN2A-L3:EEVRAPLEA	24	10
>CDKN2A-L3:EEVRALLEAG	18	>CDKN2A-L3:EEVRAPLEAG	26	8
>CDKN2A-L3:VEEVRALL	176	>CDKN2A-L3:VEEVRAPL	2185	2009
>CDKN2A-L3:VEEVRALL	143	>CDKN2A-L3:VEEVRAPL	92	51
>CDKN2A-L3:VEEVRALLEA	173	>CDKN2A-L3:VEEVRAPLEA	169	4
>CDKN2A-L3:RVEEVRALL	1231	>CDKN2A-L3:RVEEVRAPL	370	861
>CDKN2A-L3:RVEEVRALLE	542	>CDKN2A-L3:RVEEVRAPLE	426	116
>CDKN2A-L3:RVEEVRAL	281	>CDKN2A-L3:RVEEVRAP	11163	10882
>CDKN2A-L3:RVEEVRALL	1683	>CDKN2A-L3:RVEEVRAPL	231	1452
>CDKN2A-L3:RVEEVRAL	165	>CDKN2A-L3:RVEEVRAP	20876	20711
>CDKN2A-L3:RVEEVRALL	1681	>CDKN2A-L3:RVEEVRAPL	40	1641
>CDKN2A-L3:GRVEEVRAL	383	>CDKN2A-L3:GRVEEVRAP	7090	6707
>CDKN2A-L3:GRVEEVRALL	45	>CDKN2A-L3:GRVEEVRAPL	70	25
>CDKN2A-L3:GRVEEVRAL	189	>CDKN2A-L3:GRVEEVRAP	22492	22303
>CDKN2A-L3:GRVEEVRALL	338	>CDKN2A-L3:GRVEEVRAPL	92	246
>CDKN2A-L3:GRVEEVRALL	430	>CDKN2A-L3:GRVEEVRAPL	922	492
>CDKN2A-L3:GRVEEVRAL	92	>CDKN2A-L3:GRVEEVRAP	13543	13451
>CDKN2A-L3:GRVEEVRALL	186	>CDKN2A-L3:GRVEEVRAPL	416	230
>CDKN2A-L3:RGRVEEVRAL	436	>CDKN2A-L3:RGRVEEVRAP	3221	2785
>CDKN2A-L3:RGRVEEVRAL	98	>CDKN2A-L3:RGRVEEVRAP	54	44
>CDKN2A-L3:RGRVEEVRAL	1529	>CDKN2A-L3:RGRVEEVRAP	434	1095
>CDKN2A-L3:LEAGALPN	413	>CDKN2A-L3:REAGALPN	3721	3308
>CDKN2A-L3:LEAGALPNA	2894	>CDKN2A-L3:REAGALPNA	460	2434
>CDKN2A-L3:LEAGALPNA	621	>CDKN2A-L3:REAGALPNA	191	430
>CDKN2A-L3:LEAGALPNA	80	>CDKN2A-L3:REAGALPNA	17	63
>CDKN2A-L3:LEAGALPNA	312	>CDKN2A-L3:REAGALPNA	65	247
>CDKN2A-L3:LLEAGALPNA	371	>CDKN2A-L3:LREAGALPNA	26671	26300
>CDKN2A-L3:LLEAGALPNA	241	>CDKN2A-L3:LREAGALPNA	23185	22944
>CDKN2A-L3:LLEAGALPNA	249	>CDKN2A-L3:LREAGALPNA	22337	22088
>CDKN2A-L3:LLEAGALPNA	10	>CDKN2A-L3:LREAGALPNA	26918	26908
>CDKN2A-L3:RGRVEEVRAL	98	>CDKN2A-L3:RGRVEEVRAP	138	40
>CDKN2A-L3:RGRVEEVRAL	12048	>CDKN2A-L3:RGRVEEVRAP	64	11984
>CDKN2A-L3:ALLEAGAL	92	>CDKN2A-L3:ALREAGAL	4265	4173
>CDKN2A-L3:ALLEAGALPN	22	>CDKN2A-L3:ALREAGALPN	1544	1522
>CDKN2A-L3:ALLEAGAL	67	>CDKN2A-L3:ALREAGAL	211	144
>CDKN2A-L3:ALLEAGALPN	87	>CDKN2A-L3:ALREAGALPN	465	378
>CDKN2A-L3:ALLEAGAL	61	>CDKN2A-L3:ALREAGAL	32	29
>CDKN2A-L3:ALLEAGALPN	26	>CDKN2A-L3:ALREAGALPN	15	11
>CDKN2A-L3:ALLEAGAL	40	>CDKN2A-L3:ALREAGAL	2475	2435
>CDKN2A-L3:ALLEAGALPN	13	>CDKN2A-L3:ALREAGALPN	714	701
>CDKN2A-L3:ALLEAGAL	4	>CDKN2A-L3:ALREAGAL	93	89
>CDKN2A-L3:ALLEAGALPN	5	>CDKN2A-L3:ALREAGALPN	158	153

>CDKN2A-L3: ALLEAGAL	8	>CDKN2A-L3: ALREAGAL	311	303
>CDKN2A-L3: ALLEAGALPN	19	>CDKN2A-L3: ALREAGALPN	1053	1034
>CDKN2A-L3: ALLEAGAL	16	>CDKN2A-L3: ALREAGAL	937	921
>CDKN2A-L3: ALLEAGALPN	6	>CDKN2A-L3: ALREAGALPN	150	144
>CDKN2A-L3: ALLEAGAL	29	>CDKN2A-L3: ALREAGAL	7119	7090
>CDKN2A-L3: ALLEAGALPN	15	>CDKN2A-L3: ALREAGALPN	2765	2750
>CDKN2A-L3: ALLEAGAL	5	>CDKN2A-L3: ALREAGAL	12	7
>CDKN2A-L3: ALLEAGALPN	4	>CDKN2A-L3: ALREAGALPN	8	4
>CDKN2A-L3: ALLEAGAL	8824	>CDKN2A-L3: ALREAGAL	288	8536
>CDKN2A-L3: ALLEAGALPN	1253	>CDKN2A-L3: ALREAGALPN	13	1240
>CDKN2A-L3: ALLEAGAL	4143	>CDKN2A-L3: ALREAGAL	93	4050
>CDKN2A-L3: ALLEAGAL	2291	>CDKN2A-L3: ALREAGAL	366	1925
>CDKN2A-L3: RALLEAGAL	18	>CDKN2A-L3: RALREAGAL	42	24
>CDKN2A-L3: VRALLEAGAL	145	>CDKN2A-L3: VRALREAGAL	216	71
>CDKN2A-L3: VRALLEAGAL	289	>CDKN2A-L3: VRALREAGAL	259	30
>CDKN2A-L3: EVRALLEAGA	51	>CDKN2A-L3: EVRALREAGA	232	181
>CDKN2A-L3: EVRALLEAGA	293	>CDKN2A-L3: EVRALREAGA	338	45
>CDKN2A-L3: EVRALLEAGA	497	>CDKN2A-L3: EVRALREAGA	583	86
>CDKN2A-L3: EVRALLEAGA	742	>CDKN2A-L3: EVRALREAGA	214	528
>CDKN2A-L3: EEVRALLE	108	>CDKN2A-L3: EEVRALRE	1982	1874
>CDKN2A-L3: EEVRALLEA	326	>CDKN2A-L3: EEVRALREA	1480	1154
>CDKN2A-L3: EEVRALLEA	454	>CDKN2A-L3: EEVRALREA	854	400
>CDKN2A-L3: EEVRALLEA	14	>CDKN2A-L3: EEVRALREA	21	7
>CDKN2A-L3: EEVRALLEAG	18	>CDKN2A-L3: EEVRALREAG	28	10
>CDKN2A-L3: VEEVRALL	176	>CDKN2A-L3: VEEVRALR	7197	7021
>CDKN2A-L3: VEEVRALL	143	>CDKN2A-L3: VEEVRALR	19285	19142
>CDKN2A-L3: VEEVRALLEA	173	>CDKN2A-L3: VEEVRALREA	210	37
>CDKN2A-L3: RVEEVRALL	2746	>CDKN2A-L3: RVEEVRALR	10	2736
>CDKN2A-L3: RVEEVRALL	22672	>CDKN2A-L3: RVEEVRALR	247	22425
>CDKN2A-L3: RVEEVRALL	23375	>CDKN2A-L3: RVEEVRALR	28	23347
>CDKN2A-L3: GRVEEVALL	45	>CDKN2A-L3: GRVEEVALLR	104	59
>CDKN2A-L3: GRVEEVALL	338	>CDKN2A-L3: GRVEEVALLR	21106	20768
>CDKN2A-L3: GRVEEVALL	430	>CDKN2A-L3: GRVEEVALLR	3550	3120
>CDKN2A-L3: GRVEEVALL	186	>CDKN2A-L3: GRVEEVALLR	1430	1244
>CDKN2A-L6: LLLHGAEPNC	429	>CDKN2A-L6: PLLHGAEPNC	8051	7622
>CDKN2A-L6: LLLHGAEPNC	476	>CDKN2A-L6: PLLHGAEPNC	12582	12106
>CDKN2A-L6: LLLHGAEPNC	121	>CDKN2A-L6: PLLHGAEPNC	2354	2233
>CDKN2A-L6: LLLHGAEPNC	105	>CDKN2A-L6: PLLHGAEPNC	2441	2336
>CDKN2A-L6: LLLHGAEPNC	428	>CDKN2A-L6: PLLHGAEPNC	9336	8908
>CDKN2A-L6: LLLHGAEPNC	80	>CDKN2A-L6: PLLHGAEPNC	4943	4863
>CDKN2A-L6: LLLHGAEPNC	294	>CDKN2A-L6: PLLHGAEPNC	3429	3135
>CDKN2A-L6: LLLHGAEPNC	66	>CDKN2A-L6: PLLHGAEPNC	1199	1133
>CDKN2A-L6: LLLHGAEPNC	369	>CDKN2A-L6: PLLHGAEPNC	1468	1099

>CDKN2A-L6: LLLHGAEPNC	198	>CDKN2A-L6: PLLHGAEPNC	1420	1222
>CDKN2A-L6: LLLHGAEPNC	35	>CDKN2A-L6: PLLHGAEPNC	1847	1812
>CDKN2A-L6: LLLHGAEPNC	53	>CDKN2A-L6: PLLHGAEPNC	2169	2116
>CDKN2A-L6: LLLLHGAEPN	220	>CDKN2A-L6: LPLLHGAEPN	27958	27738
>CDKN2A-L6: LLLLHGAEPN	89	>CDKN2A-L6: LPLLHGAEPN	36437	36348
>CDKN2A-L6: LLLLHGAE	29693	>CDKN2A-L6: LPLLHGAE	348	29345
>CDKN2A-L6: LLLLHGAEP	28730	>CDKN2A-L6: LPLLHGAEP	316	28414
>CDKN2A-L6: MMGSARVAI	143	>CDKN2A-L6: MMGSARVAI	21476	21333
>CDKN2A-L6: MMGSARVAI	8	>CDKN2A-L6: MMGSARVAI	2739	2731
>CDKN2A-L6: MMGSARVAI	173	>CDKN2A-L6: MMGSARVAI	15462	15289
>CDKN2A-L6: MMGSARVAI	436	>CDKN2A-L6: MMGSARVAI	16886	16450
>CDKN2A-L6: MMGSARVAI	24	>CDKN2A-L6: MMGSARVAI	8573	8549
>CDKN2A-L6: MMGSARVAI	190	>CDKN2A-L6: MMGSARVAI	21032	20842
>CDKN2A-L6: MMGSARVAI	81	>CDKN2A-L6: MMGSARVAI	17828	17747
>CDKN2A-L6: MMGSARVAI	112	>CDKN2A-L6: MMGSARVAI	22308	22196
>CDKN2A-L6: MMGSARVAI	8	>CDKN2A-L6: MMGSARVAI	15337	15329
>CDKN2A-L6: MMGSARVAI	402	>CDKN2A-L6: MMGSARVAI	6945	6543
>CDKN2A-L6: ELLLLHGA	214	>CDKN2A-L6: ELPLLHGA	1569	1355
>CDKN2A-L6: ELLLLHGA	342	>CDKN2A-L6: ELPLLHGA	2559	2217
>CDKN2A-L6: ELLLLHGA	186	>CDKN2A-L6: ELPLLHGA	3551	3365
>CDKN2A-L6: ELLLLHGA	195	>CDKN2A-L6: ELPLLHGA	382	187
>CDKN2A-L6: ELLLLHGA	91	>CDKN2A-L6: ELPLLHGA	2668	2577
>CDKN2A-L6: AELLLLHGA	1356	>CDKN2A-L6: AELPLLHGA	275	1081
>CDKN2A-L6: AELLLLHGA	35	>CDKN2A-L6: AELPLLHGA	69	34
>CDKN2A-L6: AELLLLHGA	440	>CDKN2A-L6: AELPLLHGA	310	130
>CDKN2A-L6: AELLLLHGA	7	>CDKN2A-L6: AELPLLHGA	8	1
>CDKN2A-L6: AELLLHGAE	313	>CDKN2A-L6: AELPLHGAE	420	107
>CDKN2A-L6: AELLLLHGA	32	>CDKN2A-L6: AELPLLHGA	58	26
>CDKN2A-L6: RVAELLLL	83	>CDKN2A-L6: RVAELPLL	87	4
>CDKN2A-L6: RVAELLLLHG,	171	>CDKN2A-L6: RVAELPLLHG	273	102
>CDKN2A-L6: RVAELLLL	33	>CDKN2A-L6: RVAELPLL	56	23
>CDKN2A-L6: RVAELLLLHG,	79	>CDKN2A-L6: RVAELPLLHG	156	77
>CDKN2A-L6: RVAELLLL	70	>CDKN2A-L6: RVAELPLL	127	57
>CDKN2A-L6: RVAELLLLHG,	23	>CDKN2A-L6: RVAELPLLHG	30	7
>CDKN2A-L6: RVAELLLL	14	>CDKN2A-L6: RVAELPLL	33	19
>CDKN2A-L6: RVAELLLLHG,	12	>CDKN2A-L6: RVAELPLLHG	32	20
>CDKN2A-L6: RVAELLLL	392	>CDKN2A-L6: RVAELPLL	232	160
>CDKN2A-L6: RVAELLLLHG,	305	>CDKN2A-L6: RVAELPLLHG	216	89
>CDKN2A-L6: RVAELLLL	569	>CDKN2A-L6: RVAELPLL	275	294
>CDKN2A-L6: RVAELLLL	393	>CDKN2A-L6: RVAELPLL	305	88
>CDKN2A-L6: RVAELLLLHG,	459	>CDKN2A-L6: RVAELPLLHG	509	50
>CDKN2A-L6: RVAELLLLH	226	>CDKN2A-L6: RVAELPLLH	199	27
>CDKN2A-L6: RVAELLLLH	230	>CDKN2A-L6: RVAELPLLH	227	3

>CDKN2A-L6: RVAELLLL	424	>CDKN2A-L6: RVAELPLL	559	135
>CDKN2A-L6: RVAELLLLHG,	370	>CDKN2A-L6: RVAELPLLHG	328	42
>CDKN2A-L6: RVAELLLLHG,	428	>CDKN2A-L6: RVAELPLLHG	465	37
>CDKN2A-L6: RVAELLLLH	65	>CDKN2A-L6: RVAELPLLH	39	26
>CDKN2A-L6: RVAELLLL	300	>CDKN2A-L6: RVAELPLL	478	178
>CDKN2A-L6: RVAELLLL	268	>CDKN2A-L6: RVAELPLL	361	93
>CDKN2A-L6: RVAELLLL	364	>CDKN2A-L6: RVAELPLL	489	125
>CDKN2A-L6: ARVAELL	836	>CDKN2A-L6: ARVAELPL	253	583
>CDKN2A-L6: ARVAELL	180	>CDKN2A-L6: ARVAELPL	174	6
>CDKN2A-L6: ARVAELLLL	120	>CDKN2A-L6: ARVAELPLL	290	170
>CDKN2A-L6: ARVAELLLLH	215	>CDKN2A-L6: ARVAELPLLH	99	116
>CDKN2A-L6: ARVAELL	222	>CDKN2A-L6: ARVAELPL	71	151
>CDKN2A-L6: ARVAELLLL	229	>CDKN2A-L6: ARVAELPLL	336	107
>CDKN2A-L6: ARVAELL	706	>CDKN2A-L6: ARVAELPL	382	324
>CDKN2A-L6: ARVAELLLL	123	>CDKN2A-L6: ARVAELPLL	298	175
>CDKN2A-L6: ARVAELL	881	>CDKN2A-L6: ARVAELPL	285	596
>CDKN2A-L6: ARVAELLLL	23	>CDKN2A-L6: ARVAELPLL	42	19
>CDKN2A-L6: SARVAELL	380	>CDKN2A-L6: SARVAELP	2889	2509
>CDKN2A-L6: SARVAELL	39	>CDKN2A-L6: SARVAELPL	18	21
>CDKN2A-L6: SARVAELLLL	38	>CDKN2A-L6: SARVAELPLL	25	13
>CDKN2A-L6: SARVAELLLL	558	>CDKN2A-L6: SARVAELPLL	445	113
>CDKN2A-L6: SARVAELL	3564	>CDKN2A-L6: SARVAELPL	80	3484
>CDKN2A-L6: SARVAELL	377	>CDKN2A-L6: SARVAELP	22199	21822
>CDKN2A-L6: SARVAELL	179	>CDKN2A-L6: SARVAELPL	38	141
>CDKN2A-L6: SARVAELLLL	137	>CDKN2A-L6: SARVAELPLL	162	25
>CDKN2A-L6: GSARVAELL	1361	>CDKN2A-L6: GSARVAELPL	408	953
>CDKN2A-L6: GSARVAELL	237	>CDKN2A-L6: GSARVAELP	16705	16468
>CDKN2A-L6: GSARVAELLLL	255	>CDKN2A-L6: GSARVAELPL	897	642
>CDKN2A-L6: GSARVAELLLL	270	>CDKN2A-L6: GSARVAELPL	470	200
>CDKN2A-L6: GSARVAELLLL	264	>CDKN2A-L6: GSARVAELPL	198	66
>CDKN2A-L6: GSARVAELL	24	>CDKN2A-L6: GSARVAELP	3772	3748
>CDKN2A-L6: GSARVAELL	452	>CDKN2A-L6: GSARVAELPL	1464	1012
>CDKN2A-L6: GSARVAELLLL	66	>CDKN2A-L6: GSARVAELPL	90	24
>CDKN2A-L6: MGSARVAEL	399	>CDKN2A-L6: MGSARVAEL	492	93
>CDKN2A-L6: MGSARVAEL	1728	>CDKN2A-L6: MGSARVAEL	454	1274
>CDKN2A-L6: LLLHGAEPNC	429	>CDKN2A-L6: VLLHGAEPNC	718	289
>CDKN2A-L6: LLLHGAEPNC	476	>CDKN2A-L6: VLLHGAEPNC	728	252
>CDKN2A-L6: LLLHGAEPNC	121	>CDKN2A-L6: VLLHGAEPNC	100	21
>CDKN2A-L6: LLLHGAEPNC	105	>CDKN2A-L6: VLLHGAEPNC	89	16
>CDKN2A-L6: LLLHGAEPNC	428	>CDKN2A-L6: VLLHGAEPNC	507	79
>CDKN2A-L6: LLLHGAEPNC	80	>CDKN2A-L6: VLLHGAEPNC	97	17
>CDKN2A-L6: LLLHGAEPNC	294	>CDKN2A-L6: VLLHGAEPNC	194	100
>CDKN2A-L6: LLLHGAEPNC	66	>CDKN2A-L6: VLLHGAEPNC	50	16

>CDKN2A-L6: LLLHGAEPNC	369	>CDKN2A-L6: VLLHGAEPNC	300	69
>CDKN2A-L6: LLLHGAEPNC	198	>CDKN2A-L6: VLLHGAEPNC	141	57
>CDKN2A-L6: LLLHGAEPNC	35	>CDKN2A-L6: VLLHGAEPNC	54	19
>CDKN2A-L6: LLLHGAEPNC	53	>CDKN2A-L6: VLLHGAEPNC	80	27
>CDKN2A-L6: LLLLHGAEPN	220	>CDKN2A-L6: LVLLHGAEPN	8200	7980
>CDKN2A-L6: LLLLHGAEPN	89	>CDKN2A-L6: LVLLHGAEPN	9840	9751
>CDKN2A-L6: MMGSARVAI	143	>CDKN2A-L6: MMGSARVAI	48	95
>CDKN2A-L6: MMGSARVAI	8	>CDKN2A-L6: MMGSARVAI	7	1
>CDKN2A-L6: MMGSARVAI	173	>CDKN2A-L6: MMGSARVAI	17	156
>CDKN2A-L6: MMGSARVAI	436	>CDKN2A-L6: MMGSARVAI	57	379
>CDKN2A-L6: MMGSARVAI	24	>CDKN2A-L6: MMGSARVAI	4	20
>CDKN2A-L6: MMGSARVAI	190	>CDKN2A-L6: MMGSARVAI	23	167
>CDKN2A-L6: MMGSARVAI	81	>CDKN2A-L6: MMGSARVAI	11	70
>CDKN2A-L6: MMGSARVAI	112	>CDKN2A-L6: MMGSARVAI	8	104
>CDKN2A-L6: MMGSARVAI	8	>CDKN2A-L6: MMGSARVAI	3	5
>CDKN2A-L6: MMGSARVAI	1720	>CDKN2A-L6: MMGSARVAI	191	1529
>CDKN2A-L6: MMGSARVAI	402	>CDKN2A-L6: MMGSARVAI	830	428
>CDKN2A-L6: ELLLLHGA	214	>CDKN2A-L6: ELVLLHGA	1331	1117
>CDKN2A-L6: ELLLLHGA	342	>CDKN2A-L6: ELVLLHGA	2835	2493
>CDKN2A-L6: ELLLLHGA	186	>CDKN2A-L6: ELVLLHGA	2540	2354
>CDKN2A-L6: ELLLLHGA	195	>CDKN2A-L6: ELVLLHGA	367	172
>CDKN2A-L6: ELLLLHGA	91	>CDKN2A-L6: ELVLLHGA	411	320
>CDKN2A-L6: AELLLLHGA	35	>CDKN2A-L6: AELVLLHGA	38	3
>CDKN2A-L6: AELLLLHGA	440	>CDKN2A-L6: AELVLLHGA	380	60
>CDKN2A-L6: AELLLLHGA	7	>CDKN2A-L6: AELVLLHGA	6	1
>CDKN2A-L6: AELLLHGAE	313	>CDKN2A-L6: AELVLLHGAE	281	32
>CDKN2A-L6: AELLLLHGA	32	>CDKN2A-L6: AELVLLHGA	40	8
>CDKN2A-L6: RVAELLLL	83	>CDKN2A-L6: RVAELVLL	87	4
>CDKN2A-L6: RVAELLLLHG,	171	>CDKN2A-L6: RVAELVLLHG	194	23
>CDKN2A-L6: RVAELLLL	33	>CDKN2A-L6: RVAELVLL	20	13
>CDKN2A-L6: RVAELLLLHG,	79	>CDKN2A-L6: RVAELVLLHG	90	11
>CDKN2A-L6: RVAELLLL	70	>CDKN2A-L6: RVAELVLL	70	0
>CDKN2A-L6: RVAELLLLHG,	23	>CDKN2A-L6: RVAELVLLHG	22	1
>CDKN2A-L6: RVAELLLL	14	>CDKN2A-L6: RVAELVLL	17	3
>CDKN2A-L6: RVAELLLLHG,	12	>CDKN2A-L6: RVAELVLLHG	17	5
>CDKN2A-L6: RVAELLLL	392	>CDKN2A-L6: RVAELVLL	228	164
>CDKN2A-L6: RVAELLLLHG,	305	>CDKN2A-L6: RVAELVLLHG	213	92
>CDKN2A-L6: RVAELLLL	569	>CDKN2A-L6: RVAELVLL	347	222
>CDKN2A-L6: RVAELLLLHG,	587	>CDKN2A-L6: RVAELVLLHG	395	192
>CDKN2A-L6: RVAELLLL	393	>CDKN2A-L6: RVAELVLL	258	135
>CDKN2A-L6: RVAELLLLHG,	459	>CDKN2A-L6: RVAELVLLHG	424	35
>CDKN2A-L6: RVAELLLLH	226	>CDKN2A-L6: RVAELVLLH	194	32
>CDKN2A-L6: RVAELLLLH	230	>CDKN2A-L6: RVAELVLLH	200	30

>CDKN2A-L6: RVAELLLL	424	>CDKN2A-L6: RVAELVLL	137	287
>CDKN2A-L6: RVAELLLL	1847	>CDKN2A-L6: RVAELVLL	435	1412
>CDKN2A-L6: RVAELLLLHG,	370	>CDKN2A-L6: RVAELVLLHG	252	118
>CDKN2A-L6: RVAELLLLHG,	428	>CDKN2A-L6: RVAELVLLHG	448	20
>CDKN2A-L6: RVAELLLLH	65	>CDKN2A-L6: RVAELVLLH	84	19
>CDKN2A-L6: RVAELLLL	300	>CDKN2A-L6: RVAELVLL	479	179
>CDKN2A-L6: RVAELLLL	268	>CDKN2A-L6: RVAELVLL	590	322
>CDKN2A-L6: RVAELLLL	364	>CDKN2A-L6: RVAELVLL	768	404
>CDKN2A-L6: ARVAELL	836	>CDKN2A-L6: ARVAELVL	298	538
>CDKN2A-L6: ARVAELL	180	>CDKN2A-L6: ARVAELVL	313	133
>CDKN2A-L6: ARVAELLLL	120	>CDKN2A-L6: ARVAELVLL	147	27
>CDKN2A-L6: ARVAELLLLH	215	>CDKN2A-L6: ARVAELVLLH	227	12
>CDKN2A-L6: ARVAELL	222	>CDKN2A-L6: ARVAELVL	53	169
>CDKN2A-L6: ARVAELLLL	229	>CDKN2A-L6: ARVAELVLL	142	87
>CDKN2A-L6: ARVAELLLL	123	>CDKN2A-L6: ARVAELVLL	289	166
>CDKN2A-L6: ARVAELLLL	23	>CDKN2A-L6: ARVAELVLL	54	31
>CDKN2A-L6: SARVAELL	380	>CDKN2A-L6: SARVAELV	231	149
>CDKN2A-L6: SARVAELL	39	>CDKN2A-L6: SARVAELVL	75	36
>CDKN2A-L6: SARVAELLLL	38	>CDKN2A-L6: SARVAELVLL	67	29
>CDKN2A-L6: SARVAELL	3564	>CDKN2A-L6: SARVAELVL	271	3293
>CDKN2A-L6: SARVAELL	377	>CDKN2A-L6: SARVAELV	6414	6037
>CDKN2A-L6: SARVAELL	179	>CDKN2A-L6: SARVAELVL	108	71
>CDKN2A-L6: SARVAELLLL	137	>CDKN2A-L6: SARVAELVLL	248	111
>CDKN2A-L6: GSARVAELLLL	760	>CDKN2A-L6: GSARVAELVL	453	307
>CDKN2A-L6: GSARVAELL	3806	>CDKN2A-L6: GSARVAELV	339	3467
>CDKN2A-L6: GSARVAELL	237	>CDKN2A-L6: GSARVAELV	5270	5033
>CDKN2A-L6: GSARVAELLLL	255	>CDKN2A-L6: GSARVAELVL	224	31
>CDKN2A-L6: GSARVAELLLL	270	>CDKN2A-L6: GSARVAELVL	895	625
>CDKN2A-L6: GSARVAELLLL	264	>CDKN2A-L6: GSARVAELVL	303	39
>CDKN2A-L6: GSARVAELL	24	>CDKN2A-L6: GSARVAELV	73	49
>CDKN2A-L6: GSARVAELL	452	>CDKN2A-L6: GSARVAELVL	745	293
>CDKN2A-L6: GSARVAELLLL	66	>CDKN2A-L6: GSARVAELVL	101	35
>CDKN2A-L6: MGSARVAEL	399	>CDKN2A-L6: MGSARVAEL'	1466	1067
>CDKN2A-L6: LLHGAEPNCA	360	>CDKN2A-L6: PLHGAEPNC/	9598	9238
>CDKN2A-L6: LLHGAEPNCA	290	>CDKN2A-L6: PLHGAEPNC/	6479	6189
>CDKN2A-L6: LLHGAEPNC	274	>CDKN2A-L6: PLHGAEPNC	4640	4366
>CDKN2A-L6: LLHGAEPNCA	278	>CDKN2A-L6: PLHGAEPNC/	4859	4581
>CDKN2A-L6: LLHGAEPNCA	242	>CDKN2A-L6: PLHGAEPNC/	2535	2293
>CDKN2A-L6: LLHGAEPNC	14	>CDKN2A-L6: PLHGAEPNC	571	557
>CDKN2A-L6: LLHGAEPNCA	26	>CDKN2A-L6: PLHGAEPNC/	601	575
>CDKN2A-L6: LLLHGAEPNC	429	>CDKN2A-L6: LPLHGAEPNC	21650	21221
>CDKN2A-L6: LLLHGAEPNC	476	>CDKN2A-L6: LPLHGAEPNC	20506	20030
>CDKN2A-L6: LLLHGAEPNC	121	>CDKN2A-L6: LPLHGAEPNC	26747	26626



>CDKN2A-L6·LLLHGAEPNC	105	>CDKN2A-L6·LPLHGAEPNC	27110	27005
>CDKN2A-L6·LLLHGAEPNC	428	>CDKN2A-L6·LPLHGAEPNC	22702	22274
>CDKN2A-L6·LLLHGAEPNC	80	>CDKN2A-L6·LPLHGAEPNC	21202	21122
>CDKN2A-L6·LLLHGAEPNC	294	>CDKN2A-L6·LPLHGAEPNC	24083	23789
>CDKN2A-L6·LLLHGAEPNC	66	>CDKN2A-L6·LPLHGAEPNC	22838	22772
>CDKN2A-L6·LLLHGAEPNC	369	>CDKN2A-L6·LPLHGAEPNC	20939	20570
>CDKN2A-L6·LLLHGAEPNC	198	>CDKN2A-L6·LPLHGAEPNC	21104	20906
>CDKN2A-L6·LLLHGAEPNC	35	>CDKN2A-L6·LPLHGAEPNC	35378	35343
>CDKN2A-L6·LLLHGAEPNC	53	>CDKN2A-L6·LPLHGAEPNC	35632	35579
>CDKN2A-L6·LLLHGAEPNC	17541	>CDKN2A-L6·LPLHGAEPNC	23	17518
>CDKN2A-L6·MGSARVAELI	399	>CDKN2A-L6·MGSARVAELI	18674	18275
>CDKN2A-L6·LLLLHGAEPN	220	>CDKN2A-L6·LLPLHGAEPN	1864	1644
>CDKN2A-L6·LLLLHGAEPN	89	>CDKN2A-L6·LLPLHGAEPN	171	82
>CDKN2A-L6·ELLLLHGA	1334	>CDKN2A-L6·ELLPLHGA	455	879
>CDKN2A-L6·ELLLLHGA	214	>CDKN2A-L6·ELLPLHGA	40	174
>CDKN2A-L6·ELLLLHGA	760	>CDKN2A-L6·ELLPLHGA	361	399
>CDKN2A-L6·ELLLLHGA	342	>CDKN2A-L6·ELLPLHGA	114	228
>CDKN2A-L6·ELLLLHGA	186	>CDKN2A-L6·ELLPLHGA	85	101
>CDKN2A-L6·ELLLLHGA	195	>CDKN2A-L6·ELLPLHGA	29	166
>CDKN2A-L6·ELLLLHGA	91	>CDKN2A-L6·ELLPLHGA	35	56
>CDKN2A-L6·AELLLLHGA	35	>CDKN2A-L6·AELLPLHGA	238	203
>CDKN2A-L6·AELLLLHGA	440	>CDKN2A-L6·AELLPLHGA	1906	1466
>CDKN2A-L6·AELLLLHGA	7	>CDKN2A-L6·AELLPLHGA	11	4
>CDKN2A-L6·AELLLHGAE	313	>CDKN2A-L6·AELLPLHGAE	395	82
>CDKN2A-L6·AELLLLHGA	32	>CDKN2A-L6·AELLPLHGA	57	25
>CDKN2A-L6·RVAELLLL	83	>CDKN2A-L6·RVAELLPL	49	34
>CDKN2A-L6·RVAELLLLHG,	171	>CDKN2A-L6·RVAELLPLHG	201	30
>CDKN2A-L6·RVAELLLL	33	>CDKN2A-L6·RVAELLPL	33	0
>CDKN2A-L6·RVAELLLLHG,	79	>CDKN2A-L6·RVAELLPLHG	166	87
>CDKN2A-L6·RVAELLLL	70	>CDKN2A-L6·RVAELLPL	39	31
>CDKN2A-L6·RVAELLLLHG,	23	>CDKN2A-L6·RVAELLPLHG	31	8
>CDKN2A-L6·RVAELLLL	14	>CDKN2A-L6·RVAELLPL	8	6
>CDKN2A-L6·RVAELLLLHG,	12	>CDKN2A-L6·RVAELLPLHG	12	0
>CDKN2A-L6·RVAELLLL	392	>CDKN2A-L6·RVAELLPL	179	213
>CDKN2A-L6·RVAELLLLHG,	305	>CDKN2A-L6·RVAELLPLHG	189	116
>CDKN2A-L6·RVAELLLL	569	>CDKN2A-L6·RVAELLPL	285	284
>CDKN2A-L6·RVAELLLLHG,	587	>CDKN2A-L6·RVAELLPLHG	443	144
>CDKN2A-L6·RVAELLLL	393	>CDKN2A-L6·RVAELLPL	347	46
>CDKN2A-L6·RVAELLLLHG,	459	>CDKN2A-L6·RVAELLPLHG	298	161
>CDKN2A-L6·RVAELLLLH	226	>CDKN2A-L6·RVAELLPLH	708	482
>CDKN2A-L6·RVAELLLLH	230	>CDKN2A-L6·RVAELLPLH	950	720
>CDKN2A-L6·RVAELLLL	424	>CDKN2A-L6·RVAELLPL	104	320
>CDKN2A-L6·RVAELLLLHG,	370	>CDKN2A-L6·RVAELLPLHG	356	14

>CDKN2A-L6·RVAELLLL	1360	>CDKN2A-L6·RVAELLPL	261	1099
>CDKN2A-L6·RVAELLLLHG,	428	>CDKN2A-L6·RVAELLPLHG	190	238
>CDKN2A-L6·RVAELLLLH	65	>CDKN2A-L6·RVAELLPLH	5119	5054
>CDKN2A-L6·RVAELLLL	1766	>CDKN2A-L6·RVAELLPL	108	1658
>CDKN2A-L6·RVAELLLL	300	>CDKN2A-L6·RVAELLPL	105	195
>CDKN2A-L6·RVAELLLL	268	>CDKN2A-L6·RVAELLPL	1162	894
>CDKN2A-L6·RVAELLLL	364	>CDKN2A-L6·RVAELLPL	128	236
>CDKN2A-L6·RVAELLLL	860	>CDKN2A-L6·RVAELLPL	294	566
>CDKN2A-L6·ARVAELLLL	918	>CDKN2A-L6·ARVAELLPL	191	727
>CDKN2A-L6·ARVAELL	180	>CDKN2A-L6·ARVAELLP	5261	5081
>CDKN2A-L6·ARVAELLLL	120	>CDKN2A-L6·ARVAELLPL	96	24
>CDKN2A-L6·ARVAELLLLH	215	>CDKN2A-L6·ARVAELLPLH	297	82
>CDKN2A-L6·ARVAELL	222	>CDKN2A-L6·ARVAELLP	22334	22112
>CDKN2A-L6·ARVAELLLL	229	>CDKN2A-L6·ARVAELLPL	47	182
>CDKN2A-L6·ARVAELLLL	123	>CDKN2A-L6·ARVAELLPL	331	208
>CDKN2A-L6·ARVAELLLL	23	>CDKN2A-L6·ARVAELLPL	106	83
>CDKN2A-L6·SARVAELL	39	>CDKN2A-L6·SARVAELLP	631	592
>CDKN2A-L6·SARVAELLLL	38	>CDKN2A-L6·SARVAELLPL	20	18
>CDKN2A-L6·SARVAELLLLH	558	>CDKN2A-L6·SARVAELLPLH	386	172
>CDKN2A-L6·SARVAELL	179	>CDKN2A-L6·SARVAELLP	18906	18727
>CDKN2A-L6·SARVAELLLL	137	>CDKN2A-L6·SARVAELLPL	38	99
>CDKN2A-L6·GSARVAELLLL	950	>CDKN2A-L6·GSARVAELLP	256	694
>CDKN2A-L6·GSARVAELL	255	>CDKN2A-L6·GSARVAELLP	17044	16789
>CDKN2A-L6·GSARVAELLLL	270	>CDKN2A-L6·GSARVAELLP	937	667
>CDKN2A-L6·GSARVAELLLL	264	>CDKN2A-L6·GSARVAELLP	1331	1067
>CDKN2A-L6·GSARVAELL	452	>CDKN2A-L6·GSARVAELLP	20984	20532
>CDKN2A-L6·GSARVAELLLL	66	>CDKN2A-L6·GSARVAELLP	588	522
>CDKN2A-L6·LLHGAEPNC	19265	>CDKN2A-L6·LPHGAEPNC	50	19215
>CDKN2A-L6·LLHGAEPNCA	360	>CDKN2A-L6·LPHGAEPNC/	27637	27277
>CDKN2A-L6·LLHGAEPNCA	290	>CDKN2A-L6·LPHGAEPNC/	25332	25042
>CDKN2A-L6·LLHGAEPNC	274	>CDKN2A-L6·LPHGAEPNC	28683	28409
>CDKN2A-L6·LLHGAEPNCA	278	>CDKN2A-L6·LPHGAEPNC/	28615	28337
>CDKN2A-L6·LLHGAEPNCA	242	>CDKN2A-L6·LPHGAEPNC/	25456	25214
>CDKN2A-L6·LLHGAEPNC	14	>CDKN2A-L6·LPHGAEPNC	33302	33288
>CDKN2A-L6·LLHGAEPNCA	26	>CDKN2A-L6·LPHGAEPNC/	33144	33118
>CDKN2A-L6·LLHGAEPNCA	23569	>CDKN2A-L6·LPHGAEPNC/	42	23527
>CDKN2A-L6·LLHGAEPNCA	27173	>CDKN2A-L6·LPHGAEPNC/	237	26936
>CDKN2A-L6·GSARVAELLLL	270	>CDKN2A-L6·GSARVAELLLL	17092	16822
>CDKN2A-L6·GSARVAELLLL	264	>CDKN2A-L6·GSARVAELLLL	19132	18868
>CDKN2A-L6·GSARVAELLLL	66	>CDKN2A-L6·GSARVAELLLL	6197	6131
>CDKN2A-L6·LLLHGAEPNC	429	>CDKN2A-L6·LLPHGAEPNC	243	186
>CDKN2A-L6·LLLHGAEPNC	476	>CDKN2A-L6·LLPHGAEPNC	1844	1368
>CDKN2A-L6·LLLHGAEPNC	121	>CDKN2A-L6·LLPHGAEPNC	979	858

>CDKN2A-L6: LLLHGAEPNC	105	>CDKN2A-L6: LLPHGAEPNC	985	880
>CDKN2A-L6: LLLHGAEPNC	428	>CDKN2A-L6: LLPHGAEPNC	5800	5372
>CDKN2A-L6: LLLHGAEPNC	80	>CDKN2A-L6: LLPHGAEPNC	1662	1582
>CDKN2A-L6: LLLHGAEPNC	294	>CDKN2A-L6: LLPHGAEPNC	1883	1589
>CDKN2A-L6: LLLHGAEPNC	66	>CDKN2A-L6: LLPHGAEPNC	660	594
>CDKN2A-L6: LLLHGAEPNC	369	>CDKN2A-L6: LLPHGAEPNC	6551	6182
>CDKN2A-L6: LLLHGAEPNC	198	>CDKN2A-L6: LLPHGAEPNC	6322	6124
>CDKN2A-L6: LLLHGAEPNC	35	>CDKN2A-L6: LLPHGAEPNC	72	37
>CDKN2A-L6: LLLHGAEPNC	53	>CDKN2A-L6: LLPHGAEPNC	96	43
>CDKN2A-L6: LLLLHGAEPN	220	>CDKN2A-L6: LLLPHGAEPN	44	176
>CDKN2A-L6: LLLLHGAEPN	1113	>CDKN2A-L6: LLLPHGAEPN	369	744
>CDKN2A-L6: LLLLHGAEPN	1173	>CDKN2A-L6: LLLPHGAEPN	316	857
>CDKN2A-L6: LLLLHGAEPN	1016	>CDKN2A-L6: LLLPHGAEPN	343	673
>CDKN2A-L6: LLLLHGAEPN	89	>CDKN2A-L6: LLLPHGAEPN	13	76
>CDKN2A-L6: ELLLLHGA	214	>CDKN2A-L6: ELLLPHGA	139	75
>CDKN2A-L6: ELLLLHGA	342	>CDKN2A-L6: ELLLPHGA	644	302
>CDKN2A-L6: ELLLLHGA	186	>CDKN2A-L6: ELLLPHGA	223	37
>CDKN2A-L6: ELLLLHGA	195	>CDKN2A-L6: ELLLPHGA	281	86
>CDKN2A-L6: ELLLLHGA	91	>CDKN2A-L6: ELLLPHGA	59	32
>CDKN2A-L6: AELLLLHGA	35	>CDKN2A-L6: AELLLPHGA	59	24
>CDKN2A-L6: AELLLLHGA	440	>CDKN2A-L6: AELLLPHGA	511	71
>CDKN2A-L6: AELLLLHGA	7	>CDKN2A-L6: AELLLPHGA	11	4
>CDKN2A-L6: AELLLHGAE	313	>CDKN2A-L6: AELLLPHGAE	490	177
>CDKN2A-L6: AELLLLHGA	32	>CDKN2A-L6: AELLLPHGA	135	103
>CDKN2A-L6: RVAELLLL	83	>CDKN2A-L6: RVAELLLP	19708	19625
>CDKN2A-L6: RVAELLLLHG,	171	>CDKN2A-L6: RVAELLLPHG	311	140
>CDKN2A-L6: RVAELLLL	33	>CDKN2A-L6: RVAELLLP	7660	7627
>CDKN2A-L6: RVAELLLLHG,	79	>CDKN2A-L6: RVAELLLPHG	201	122
>CDKN2A-L6: RVAELLLL	70	>CDKN2A-L6: RVAELLLP	9108	9038
>CDKN2A-L6: RVAELLLLHG,	23	>CDKN2A-L6: RVAELLLPHG	36	13
>CDKN2A-L6: RVAELLLL	14	>CDKN2A-L6: RVAELLLP	3531	3517
>CDKN2A-L6: RVAELLLLHG,	12	>CDKN2A-L6: RVAELLLPHG	41	29
>CDKN2A-L6: RVAELLLL	392	>CDKN2A-L6: RVAELLLP	21251	20859
>CDKN2A-L6: RVAELLLLHG,	305	>CDKN2A-L6: RVAELLLPHG	261	44
>CDKN2A-L6: RVAELLLL	393	>CDKN2A-L6: RVAELLLP	30136	29743
>CDKN2A-L6: RVAELLLLHG,	459	>CDKN2A-L6: RVAELLLPHG	966	507
>CDKN2A-L6: RVAELLLLH	226	>CDKN2A-L6: RVAELLLPH	502	276
>CDKN2A-L6: RVAELLLLH	230	>CDKN2A-L6: RVAELLLPH	269	39
>CDKN2A-L6: RVAELLLL	424	>CDKN2A-L6: RVAELLLP	12228	11804
>CDKN2A-L6: RVAELLLLHG,	370	>CDKN2A-L6: RVAELLLPHG	356	14
>CDKN2A-L6: RVAELLLLHG,	428	>CDKN2A-L6: RVAELLLPHG	424	4
>CDKN2A-L6: RVAELLLLH	65	>CDKN2A-L6: RVAELLLPH	427	362
>CDKN2A-L6: RVAELLLL	300	>CDKN2A-L6: RVAELLLP	19324	19024

>CDKN2A-L6:RVAELLLL	268	>CDKN2A-L6:RVAELLLP	17719	17451
>CDKN2A-L6:RVAELLLL	364	>CDKN2A-L6:RVAELLLP	7159	6795
>CDKN2A-L6:ARVAELLLL	120	>CDKN2A-L6:ARVAELLLP	3723	3603
>CDKN2A-L6:ARVAELLLLH	215	>CDKN2A-L6:ARVAELLLPH	367	152
>CDKN2A-L6:ARVAELLLL	229	>CDKN2A-L6:ARVAELLLP	22544	22315
>CDKN2A-L6:ARVAELLLL	123	>CDKN2A-L6:ARVAELLLP	6600	6477
>CDKN2A-L6:ARVAELLLL	23	>CDKN2A-L6:ARVAELLLP	9204	9181
>CDKN2A-L6:SARVAELLLL	38	>CDKN2A-L6:SARVAELLLP	547	509
>CDKN2A-L6:SARVAELLLLH	558	>CDKN2A-L6:SARVAELLLPH	249	309
>CDKN2A-L6:SARVAELLLL	137	>CDKN2A-L6:SARVAELLLP	17910	17773
>CDKN2A-L7:LTRPVHDA	48	>CDKN2A-L7:HTRPVHDA	10	38
>CDKN2A-L7:LTRPVHDAA	24	>CDKN2A-L7:HTRPVHDAA	7	17
>CDKN2A-L7:LTRPVHDAAF	56	>CDKN2A-L7:HTRPVHDAA	10	46
>CDKN2A-L7:LTRPVHDAAF	2496	>CDKN2A-L7:HTRPVHDAA	364	2132
>CDKN2A-L7:LTRPVHDAAF	107	>CDKN2A-L7:HTRPVHDAA	121	14
>CDKN2A-L7:LTRPVHDAAF	47	>CDKN2A-L7:HTRPVHDAA	14	33
>CDKN2A-L7:LTRPVHDA	2875	>CDKN2A-L7:HTRPVHDAA	366	2509
>CDKN2A-L7:TLTRPVHDA	280	>CDKN2A-L7:THTRPVHDA	26873	26593
>CDKN2A-L7:TLTRPVHDA	12	>CDKN2A-L7:THTRPVHDA	28373	28361
>CDKN2A-L7:TLTRPVHDA	88	>CDKN2A-L7:THTRPVHDA	32735	32647
>CDKN2A-L7:TLTRPVHDA	159	>CDKN2A-L7:THTRPVHDA	4984	4825
>CDKN2A-L7:TLTRPVHDA	411	>CDKN2A-L7:THTRPVHDA	9882	9471
>CDKN2A-L7:TLTRPVHDA	68	>CDKN2A-L7:THTRPVHDA	1100	1032
>CDKN2A-L7:AEPNCADPA	183	>CDKN2A-L7:AEPNCADPA	15260	15077
>CDKN2A-L7:AEPNCADPA	65	>CDKN2A-L7:AEPNCADPA	7161	7096
>CDKN2A-L7:ATLTRPVH	2995	>CDKN2A-L7:ATHTRPVH	352	2643
>CDKN2A-L7:ATLTRPVHDA	970	>CDKN2A-L7:ATHTRPVHD	76	894
>CDKN2A-L7:ATLTRPVHDA	506	>CDKN2A-L7:ATHTRPVHD	41	465
>CDKN2A-L7:DPATLTRPV	485	>CDKN2A-L7:DPATHTRPV	1617	1132
>CDKN2A-L7:DPATLTRPV	197	>CDKN2A-L7:DPATHTRPV	194	3
>CDKN2A-L7:DPATLTRPV	149	>CDKN2A-L7:DPATHTRPV	31	118
>CDKN2A-L7:DPATLTRPV	668	>CDKN2A-L7:DPATHTRPV	404	264
>CDKN2A-L7:ADPATLTRPV	498	>CDKN2A-L7:ADPATHTRPV	784	286
>CDKN2A-L7:CADPATLTR	353	>CDKN2A-L7:CADPATHTR	124	229
>CDKN2A-L7:CADPATLTRP	585	>CDKN2A-L7:CADPATHTRP	325	260
>CDKN2A-L7:NCADPATLTF	284	>CDKN2A-L7:NCADPATHTI	502	218
>CDKN2A-L7:NCADPATL	475	>CDKN2A-L7:NCADPATH	22688	22213
>CDKN2A-L7:NCADPATLTF	233	>CDKN2A-L7:NCADPATHTI	185	48
>CDKN2A-L7:EPNCADPATL	353	>CDKN2A-L7:EPNCADPATH	34127	33774
>CDKN2A-L7:EPNCADPATL	279	>CDKN2A-L7:EPNCADPATH	508	229
>CDKN2A-L9:FLDTLVVL	12	>CDKN2A-L9:FQDTLVVL	50	38
>CDKN2A-L9:FLDTLVVLHR	12	>CDKN2A-L9:FQDTLVVLHR	52	40
>CDKN2A-L9:FLDTLVVL	9	>CDKN2A-L9:FQDTLVVL	83	74

>CDKN2A-L9:FLDTLVVLHR,	7	>CDKN2A-L9:FQDTLVVLHR	85	78
>CDKN2A-L9:FLDTLVVL	74	>CDKN2A-L9:FQDTLVVL	1179	1105
>CDKN2A-L9:FLDTLVVLHR,	24	>CDKN2A-L9:FQDTLVVLHR	413	389
>CDKN2A-L9:FLDTLVVL	37	>CDKN2A-L9:FQDTLVVL	9	28
>CDKN2A-L9:FLDTLVVLHR,	68	>CDKN2A-L9:FQDTLVVLHR	11	57
>CDKN2A-L9:FLDTLVVL	3	>CDKN2A-L9:FQDTLVVL	147	144
>CDKN2A-L9:FLDTLVVLHR,	3	>CDKN2A-L9:FQDTLVVLHR	152	149
>CDKN2A-L9:FLDTLVVL	4	>CDKN2A-L9:FQDTLVVL	146	142
>CDKN2A-L9:FLDTLVVLHR,	9	>CDKN2A-L9:FQDTLVVLHR	777	768
>CDKN2A-L9:FLDTLVVL	7	>CDKN2A-L9:FQDTLVVL	455	448
>CDKN2A-L9:FLDTLVVLHR,	8	>CDKN2A-L9:FQDTLVVLHR	698	690
>CDKN2A-L9:FLDTLVVL	8	>CDKN2A-L9:FQDTLVVL	3535	3527
>CDKN2A-L9:FLDTLVVLHR,	19	>CDKN2A-L9:FQDTLVVLHR	5645	5626
>CDKN2A-L9:FLDTLVVL	3	>CDKN2A-L9:FQDTLVVL	4574	4571
>CDKN2A-L9:FLDTLVVLHR,	3	>CDKN2A-L9:FQDTLVVLHR	4969	4966
>CDKN2A-L9:FLDTLVVLHR	354	>CDKN2A-L9:FQDTLVVLHR	922	568
>CDKN2A-L9:FLDTLVVL	4098	>CDKN2A-L9:FQDTLVVL	346	3752
>CDKN2A-L9:FLDTLVVL	52	>CDKN2A-L9:FQDTLVVL	7	45
>CDKN2A-L9:FLDTLVVLHR	272	>CDKN2A-L9:FQDTLVVLHR	370	98
>CDKN2A-L9:GFLDTLVV	313	>CDKN2A-L9:GFQDTLVV	2347	2034
>CDKN2A-L9:GFLDTLVV	494	>CDKN2A-L9:GFQDTLVV	1760	1266
>CDKN2A-L9:GFLDTLVV	110	>CDKN2A-L9:GFQDTLVV	3192	3082
>CDKN2A-L9:GFLDTLVV	221	>CDKN2A-L9:GFQDTLVV	497	276
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>CDKN2A-L9:GFLDTLVVL	75	>CDKN2A-L9:GFQDTLVVL	138	63
>CDKN2A-L9:GFLDTLVVLH	38	>CDKN2A-L9:GFQDTLVVLH	37	1
>CDKN2A-L9:GFLDTLVVLH	421	>CDKN2A-L9:GFQDTLVVLH	617	196
>CDKN2A-L9:GFLDTLVVLH	77	>CDKN2A-L9:GFQDTLVVLH	224	147
>CDKN2A-L9:EGFLDTLV	135	>CDKN2A-L9:EGFQDTLV	185	50
>CDKN2A-L9:REGFLDTL	13	>CDKN2A-L9:REGFQDTL	28	15
>CDKN2A-L9:REGFLDTLV	213	>CDKN2A-L9:REGFQDTLV	658	445
>CDKN2A-L9:REGFLDTLVV	14	>CDKN2A-L9:REGFQDTLVV	26	12
>CDKN2A-L9:REGFLDTL	99	>CDKN2A-L9:REGFQDTL	187	88
>CDKN2A-L9:REGFLDTLV	208	>CDKN2A-L9:REGFQDTLV	707	499
>CDKN2A-L9:REGFLDTLVV	264	>CDKN2A-L9:REGFQDTLVV	410	146
>CDKN2A-L9:REGFLDTLVV	63	>CDKN2A-L9:REGFQDTLVV	114	51
>CDKN2A-L9:REGFLDTLV	35	>CDKN2A-L9:REGFQDTLV	78	43
>CDKN2A-L9:REGFLDTLVV	89	>CDKN2A-L9:REGFQDTLVV	203	114
>CDKN2A-L9:REGFLDTLVV	68	>CDKN2A-L9:REGFQDTLVV	89	21
>CDKN2A-L9:AREGFLDTL	503	>CDKN2A-L9:AREGFQDTL	270	233
>CDKN2A-L9:AREGFLDTL	165	>CDKN2A-L9:AREGFQDTL	223	58
>CDKN2A-L9:AREGFLDTL	63	>CDKN2A-L9:AREGFQDTL	106	43
>CDKN2A-L9:AAREGFLDTL	408	>CDKN2A-L9:AAREGFQDTI	588	180

>CDKN2A-L9:AAREGFLDTL	252	>CDKN2A-L9:AAREGFQDTI	148	104
>CDKN2A-L9:AAREGFLDTL	342	>CDKN2A-L9:AAREGFQDTI	402	60
>CDKN2A-L9:AAREGFLDTL	203	>CDKN2A-L9:AAREGFQDTI	186	17
>CDKN2A-L9:AAREGFLDTL	53	>CDKN2A-L9:AAREGFQDTI	104	51
>CDKN2A-L9:HDAAREGFL	169	>CDKN2A-L9:HDAAREGFQ	10247	10078
>CDKN2A-L9:FLDTLVVL	12	>CDKN2A-L9:FVDTLVVL	70	58
>CDKN2A-L9:FLDTLVVLHR,	12	>CDKN2A-L9:FVDTLVVLHR	68	56
>CDKN2A-L9:FLDTLVVL	9	>CDKN2A-L9:FVDTLVVL	96	87
>CDKN2A-L9:FLDTLVVLHR,	7	>CDKN2A-L9:FVDTLVVLHR	86	79
>CDKN2A-L9:FLDTLVVL	74	>CDKN2A-L9:FVDTLVVL	1046	972
>CDKN2A-L9:FLDTLVVLHR,	24	>CDKN2A-L9:FVDTLVVLHR	379	355
>CDKN2A-L9:FLDTLVVL	37	>CDKN2A-L9:FVDTLVVL	31	6
>CDKN2A-L9:FLDTLVVLHR,	68	>CDKN2A-L9:FVDTLVVLHR	51	17
>CDKN2A-L9:FLDTLVVL	3	>CDKN2A-L9:FVDTLVVL	83	80
>CDKN2A-L9:FLDTLVVLHR,	3	>CDKN2A-L9:FVDTLVVLHR	89	86
>CDKN2A-L9:FLDTLVVL	4	>CDKN2A-L9:FVDTLVVL	210	206
>CDKN2A-L9:FLDTLVVLHR,	9	>CDKN2A-L9:FVDTLVVLHR	1330	1321
>CDKN2A-L9:FLDTLVVL	7	>CDKN2A-L9:FVDTLVVL	180	173
>CDKN2A-L9:FLDTLVVLHR,	8	>CDKN2A-L9:FVDTLVVLHR	274	266
>CDKN2A-L9:FLDTLVVL	8	>CDKN2A-L9:FVDTLVVL	706	698
>CDKN2A-L9:FLDTLVVLHR,	19	>CDKN2A-L9:FVDTLVVLHR	1833	1814
>CDKN2A-L9:FLDTLVVL	3	>CDKN2A-L9:FVDTLVVL	145	142
>CDKN2A-L9:FLDTLVVLHR,	3	>CDKN2A-L9:FVDTLVVLHR	121	118
>CDKN2A-L9:FLDTLVVLHR	586	>CDKN2A-L9:FVDTLVVLHR	383	203
>CDKN2A-L9:FLDTLVVLHR	626	>CDKN2A-L9:FVDTLVVLHR	475	151
>CDKN2A-L9:FLDTLVVLHR	354	>CDKN2A-L9:FVDTLVVLHR	32	322
>CDKN2A-L9:FLDTLVVLHR,	5138	>CDKN2A-L9:FVDTLVVLHR	379	4759
>CDKN2A-L9:FLDTLVVLHR,	1864	>CDKN2A-L9:FVDTLVVLHR	457	1407
>CDKN2A-L9:FLDTLVVL	52	>CDKN2A-L9:FVDTLVVL	84	32
>CDKN2A-L9:FLDTLVVLHR	272	>CDKN2A-L9:FVDTLVVLHR	448	176
>CDKN2A-L9:GFLDTLVV	313	>CDKN2A-L9:GFVDTLVV	1961	1648
>CDKN2A-L9:GFLDTLVV	494	>CDKN2A-L9:GFVDTLVV	2716	2222
>CDKN2A-L9:GFLDTLVV	110	>CDKN2A-L9:GFVDTLVV	1672	1562
>CDKN2A-L9:GFLDTLVV	221	>CDKN2A-L9:GFVDTLVV	482	261
>CDKN2A-L9:GFLDTLVVL	298	>CDKN2A-L9:GFVDTLVVL	312	14
>CDKN2A-L9:GFLDTLVVL	75	>CDKN2A-L9:GFVDTLVVL	644	569
>CDKN2A-L9:GFLDTLVVLH	38	>CDKN2A-L9:GFVDTLVVLH	85	47
>CDKN2A-L9:GFLDTLVVLH	421	>CDKN2A-L9:GFVDTLVVLH	1034	613
>CDKN2A-L9:GFLDTLVVLH	77	>CDKN2A-L9:GFVDTLVVLH	101	24
>CDKN2A-L9:EGFLDTLV	135	>CDKN2A-L9:EGFVDTLV	117	18
>CDKN2A-L9:REGFLDTL	13	>CDKN2A-L9:REGFVDTL	13	0
>CDKN2A-L9:REGFLDTLV	213	>CDKN2A-L9:REGFVDTLV	143	70
>CDKN2A-L9:REGFLDTLVV	14	>CDKN2A-L9:REGFVDTLVV	11	3

>CDKN2A-L9 REGFLDTL	99	>CDKN2A-L9 REGFVDTL	185	86
>CDKN2A-L9 REGFLDTLV	208	>CDKN2A-L9 REGFVDTLV	683	475
>CDKN2A-L9 REGFLDTLVV	264	>CDKN2A-L9 REGFVDTLVV	355	91
>CDKN2A-L9 REGFLDTLVV	63	>CDKN2A-L9 REGFVDTLVV	123	60
>CDKN2A-L9 REGFLDTLV	35	>CDKN2A-L9 REGFVDTLV	41	6
>CDKN2A-L9 REGFLDTLVV	89	>CDKN2A-L9 REGFVDTLVV	114	25
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>CDKN2A-L9 AREGFLDTL	503	>CDKN2A-L9 AREGFVDTL	147	356
>CDKN2A-L9 AREGFLDTL	165	>CDKN2A-L9 AREGFVDTL	166	1
>CDKN2A-L9 AREGFLDTL	63	>CDKN2A-L9 AREGFVDTL	50	13
>CDKN2A-L9 AAREGFLDTL	408	>CDKN2A-L9 AAREGFVDTL	358	50
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>CDKN2A-L9 AAREGFLDTL	203	>CDKN2A-L9 AAREGFVDTL	255	52
>CDKN2A-L9 AAREGFLDTL	53	>CDKN2A-L9 AAREGFVDTL	53	0
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>CDKN2A-L9 DAAREGFL	3810	>CDKN2A-L9 DAAREGFV	482	3328
>CDKN2A-L9 HDAAREGFL	1055	>CDKN2A-L9 HDAAREGFV	490	565
>CDKN2A-L9 HDAAREGFL	169	>CDKN2A-L9 HDAAREGFV	46	123
>CDKN2A-L9 VLHRAGARL	8889	>CDKN2A-L9 VPHRAGARL	8	8881
>CDKN2A-L9 VLHRAGARLI	1337	>CDKN2A-L9 VPHRAGARLI	6	1331
>CDKN2A-L9 VLHRAGARL	371	>CDKN2A-L9 VPHRAGARL	34634	34263
>CDKN2A-L9 VLHRAGARL	156	>CDKN2A-L9 VPHRAGARL	24032	23876
>CDKN2A-L9 VLHRAGARLI	77	>CDKN2A-L9 VPHRAGARLI	22537	22460
>CDKN2A-L9 VLHRAGARL	21	>CDKN2A-L9 VPHRAGARL	24344	24323
>CDKN2A-L9 VLHRAGARLI	36	>CDKN2A-L9 VPHRAGARLI	22498	22462
>CDKN2A-L9 VLHRAGARL	269	>CDKN2A-L9 VPHRAGARL	26074	25805
>CDKN2A-L9 VLHRAGARLI	346	>CDKN2A-L9 VPHRAGARLI	24705	24359
>CDKN2A-L9 VLHRAGARL	358	>CDKN2A-L9 VPHRAGARL	25962	25604
>CDKN2A-L9 VLHRAGARLI	33	>CDKN2A-L9 VPHRAGARLI	22875	22842
>CDKN2A-L9 VLHRAGARL	6	>CDKN2A-L9 VPHRAGARL	28534	28528
>CDKN2A-L9 VLHRAGARLI	3	>CDKN2A-L9 VPHRAGARLI	19586	19583
>CDKN2A-L9 VLHRAGAR	299	>CDKN2A-L9 VPHRAGAR	8638	8339
>CDKN2A-L9 VLHRAGARL	6412	>CDKN2A-L9 VPHRAGARL	22	6390
>CDKN2A-L9 VLHRAGARLI	16413	>CDKN2A-L9 VPHRAGARLI	41	16372
>CDKN2A-L9 REGFLDTLVV	14	>CDKN2A-L9 REGFLDTLVV	2264	2250
>CDKN2A-L9 REGFLDTLVV	63	>CDKN2A-L9 REGFLDTLVV	2799	2736
>CDKN2A-L9 REGFLDTLVV	68	>CDKN2A-L9 REGFLDTLVV	4136	4068
>CDKN2A-L9 VVLHRAGA	471	>CDKN2A-L9 VVPHRAGA	2221	1750
>CDKN2A-L9 VVLHRAGAR	225	>CDKN2A-L9 VVPHRAGAR	3079	2854
>CDKN2A-L9 VVLHRAGARI	129	>CDKN2A-L9 VVPHRAGARI	4546	4417
>CDKN2A-L9 VVLHRAGARI	22275	>CDKN2A-L9 VVPHRAGARI	302	21973
>CDKN2A-L9 LVVLHRAGAF	250	>CDKN2A-L9 LVVPHRAGAF	411	161

>CDKN2A-L9' LVVLHRAGAF	1138	>CDKN2A-L9' LVVPHRAGAF	474	664
>CDKN2A-L9' LVVLHRAGA	585	>CDKN2A-L9' LVVPHRAGA	239	346
>CDKN2A-L9' LVVLHRAGA	762	>CDKN2A-L9' LVVPHRAGA	221	541
>CDKN2A-L9' LVVLHRAGAF	927	>CDKN2A-L9' LVVPHRAGAF	90	837
>CDKN2A-L9' LVVLHRAGAF	127	>CDKN2A-L9' LVVPHRAGAF	177	50
>CDKN2A-L9' LVVLHRAGAF	287	>CDKN2A-L9' LVVPHRAGAF	217	70
>CDKN2A-L9' LVVLHRAGA	620	>CDKN2A-L9' LVVPHRAGA	120	500
>CDKN2A-L9' LVVLHRAGAF	1232	>CDKN2A-L9' LVVPHRAGAF	364	868
>CDKN2A-L9' LVVLHRAGAF	435	>CDKN2A-L9' LVVPHRAGAF	65	370
>CDKN2A-L9' TLVVLHRA	433	>CDKN2A-L9' TLVVPHRA	2059	1626
>CDKN2A-L9' TLVVLHRA	247	>CDKN2A-L9' TLVVPHRA	639	392
>CDKN2A-L9' TLVVLHRAGA	240	>CDKN2A-L9' TLVVPHRAG/	309	69
>CDKN2A-L9' TLVVLHRA	426	>CDKN2A-L9' TLVVPHRA	294	132
>CDKN2A-L9' TLVVLHRA	59	>CDKN2A-L9' TLVVPHRA	89	30
>CDKN2A-L9' TLVVLHRAGA	465	>CDKN2A-L9' TLVVPHRAG/	274	191
>CDKN2A-L9' TLVVLHRAGA	209	>CDKN2A-L9' TLVVPHRAG/	395	186
>CDKN2A-L9' TLVVLHRAGA	185	>CDKN2A-L9' TLVVPHRAG/	265	80
>CDKN2A-L9' DTLVVLHR	277	>CDKN2A-L9' DTLVVPHR	302	25
>CDKN2A-L9' DTLVVLHR	9	>CDKN2A-L9' DTLVVPHR	12	3
>CDKN2A-L9' DTLVVLHR	16	>CDKN2A-L9' DTLVVPHR	17	1
>CDKN2A-L9' DTLVVLHRA	178	>CDKN2A-L9' DTLVVPHRA	241	63
>CDKN2A-L9' DTLVVLHRAC	197	>CDKN2A-L9' DTLVVPHRAC	171	26
>CDKN2A-L9' DTLVVLHRA	46	>CDKN2A-L9' DTLVVPHRA	83	37
>CDKN2A-L9' DTLVVLHRAC	65	>CDKN2A-L9' DTLVVPHRAC	67	2
>CDKN2A-L9' FLDTLVVL	12	>CDKN2A-L9' FLDTLVVP	9829	9817
>CDKN2A-L9' FLDTLVVLHR,	12	>CDKN2A-L9' FLDTLVVPHR	14	2
>CDKN2A-L9' FLDTLVVL	9	>CDKN2A-L9' FLDTLVVP	650	641
>CDKN2A-L9' FLDTLVVLHR,	7	>CDKN2A-L9' FLDTLVVPHR	12	5
>CDKN2A-L9' FLDTLVVL	74	>CDKN2A-L9' FLDTLVVP	8401	8327
>CDKN2A-L9' FLDTLVVLHR,	24	>CDKN2A-L9' FLDTLVVPHR	31	7
>CDKN2A-L9' FLDTLVVL	37	>CDKN2A-L9' FLDTLVVP	3838	3801
>CDKN2A-L9' FLDTLVVLHR,	68	>CDKN2A-L9' FLDTLVVPHR	244	176
>CDKN2A-L9' FLDTLVVL	3	>CDKN2A-L9' FLDTLVVP	975	972
>CDKN2A-L9' FLDTLVVLHR,	3	>CDKN2A-L9' FLDTLVVPHR	3	0
>CDKN2A-L9' FLDTLVVL	4	>CDKN2A-L9' FLDTLVVP	4676	4672
>CDKN2A-L9' FLDTLVVLHR,	9	>CDKN2A-L9' FLDTLVVPHR	11	2
>CDKN2A-L9' FLDTLVVL	7	>CDKN2A-L9' FLDTLVVP	3351	3344
>CDKN2A-L9' FLDTLVVLHR,	8	>CDKN2A-L9' FLDTLVVPHR	8	0
>CDKN2A-L9' FLDTLVVL	8	>CDKN2A-L9' FLDTLVVP	17750	17742
>CDKN2A-L9' FLDTLVVLHR,	19	>CDKN2A-L9' FLDTLVVPHR	24	5
>CDKN2A-L9' FLDTLVVL	3	>CDKN2A-L9' FLDTLVVP	3454	3451
>CDKN2A-L9' FLDTLVVLHR,	3	>CDKN2A-L9' FLDTLVVPHR	3	0
>CDKN2A-L9' FLDTLVVLHR	354	>CDKN2A-L9' FLDTLVVPHR	619	265



>CDKN2A-L9' FLDTLVVL	52	>CDKN2A-L9' FLDTLVVP	13552	13500
>CDKN2A-L9' FLDTLVVLR	272	>CDKN2A-L9' FLDTLVVPHR	565	293
>CDKN2A-L9' GFLDTLVVL	298	>CDKN2A-L9' GFLDTLVVP	19520	19222
>CDKN2A-L9' GFLDTLVVL	75	>CDKN2A-L9' GFLDTLVVP	13672	13597
>CDKN2A-L9' GFLDTLVVLH	38	>CDKN2A-L9' GFLDTLVVPH	32	6
>CDKN2A-L9' GFLDTLVVLH	421	>CDKN2A-L9' GFLDTLVVPH	509	88
>CDKN2A-L9' GFLDTLVVLH	77	>CDKN2A-L9' GFLDTLVVPH	197	120
>CDKN2A-M! MMMGSARV	587	>CDKN2A-M! IMMGSARVA	250	337
>CDKN2A-M! MMMGSARV	11	>CDKN2A-M! IMMGSARV	17	6
>CDKN2A-M! MMMGSARV	19	>CDKN2A-M! IMMGSARVA	34	15
>CDKN2A-M! MMMGSARV	3	>CDKN2A-M! IMMGSARV	5	2
>CDKN2A-M! MMMGSARV	102	>CDKN2A-M! IMMGSARVA	537	435
>CDKN2A-M! MMMGSARV	4	>CDKN2A-M! IMMGSARVA	7	3
>CDKN2A-M! MMMGSARV	2	>CDKN2A-M! IMMGSARV	3	1
>CDKN2A-M! MMMGSARV	11	>CDKN2A-M! IMMGSARVA	31	20
>CDKN2A-M! MMMGSARV	5	>CDKN2A-M! IMMGSARVA	8	3
>CDKN2A-M! MMMGSARV	8	>CDKN2A-M! IMMGSARV	16	8
>CDKN2A-M! MMMGSARV	437	>CDKN2A-M! IMMGSARVA	1542	1105
>CDKN2A-M! MMMGSARV	27	>CDKN2A-M! IMMGSARVA	67	40
>CDKN2A-M! MMMGSARV	2	>CDKN2A-M! IMMGSARV	2	0
>CDKN2A-M! MMMGSARV	29	>CDKN2A-M! IMMGSARVA	64	35
>CDKN2A-M! MMMGSARV	3	>CDKN2A-M! IMMGSARVA	5	2
>CDKN2A-M! MMMGSARV	3	>CDKN2A-M! IMMGSARV	5	2
>CDKN2A-M! MMMGSARV	281	>CDKN2A-M! IMMGSARVA	924	643
>CDKN2A-M! MMMGSARV	9	>CDKN2A-M! IMMGSARVA	16	7
>CDKN2A-M! MMMGSARV	8	>CDKN2A-M! IMMGSARV	10	2
>CDKN2A-M! MMMGSARV	35	>CDKN2A-M! IMMGSARVA	63	28
>CDKN2A-M! MMMGSARV	2	>CDKN2A-M! IMMGSARV	2	0
>CDKN2A-M! MMMGSARV	91	>CDKN2A-M! IMMGSARVA	126	35
>CDKN2A-M! MMMGSARV	4	>CDKN2A-M! IMMGSARVA	5	1
>CDKN2A-M! MMMGSARV	2	>CDKN2A-M! IMMGSARV	2	0
>CDKN2A-M! MMMGSARV	21	>CDKN2A-M! IMMGSARVA	76	55
>CDKN2A-M! MMMGSARV	3	>CDKN2A-M! IMMGSARVA	4	1
>CDKN2A-M! MMMGSARV	179	>CDKN2A-M! IMMGSARVA	333	154
>CDKN2A-M! MMMGSARV	29	>CDKN2A-M! IMMGSARV	997	968
>CDKN2A-M! MMMGSARV	235	>CDKN2A-M! IMMGSARVA	4542	4307
>CDKN2A-M! MMMGSARV	51	>CDKN2A-M! IMMGSARV	1076	1025
>CDKN2A-M! MMMGSARV	188	>CDKN2A-M! IMMGSARVA	1052	864
>CDKN2A-M! MMMGSARV	301	>CDKN2A-M! IMMGSARV	506	205
>CDKN2A-M! MMMGSARV	191	>CDKN2A-M! IMMGSARVA	306	115
>CDKN2A-M! MMMGSARV	84	>CDKN2A-M! IMMGSARVA	124	40
>CDKN2A-M! MMMGSARV	237	>CDKN2A-M! IMMGSARV	323	86
>CDKN2A-M! MMMGSARV	342	>CDKN2A-M! IMMGSARVA	433	91

>CDKN2A-M! MMMGSARV	31	>CDKN2A-M! IMMGSARVA	38	7
>CDKN2A-M! MMMGSARV	55	>CDKN2A-M! IMMGSARVA	67	12
>CDKN2A-M! MMMGSARV	465	>CDKN2A-M! IMMGSARV	6124	5659
>CDKN2A-M! MMMGSARV	18	>CDKN2A-M! IMMGSARVA	179	161
>CDKN2A-M! MMMGSARV	185	>CDKN2A-M! IMMGSARVA	972	787
>CDKN2A-M! VMMMGSAR	182	>CDKN2A-M! VIMMGSARV	564	382
>CDKN2A-M! VMMMGSAR	11	>CDKN2A-M! VIMMGSARV	42	31
>CDKN2A-M! VMMMGSAR	9	>CDKN2A-M! VIMMGSARV	60	51
>CDKN2A-M! VMMMGSAR	425	>CDKN2A-M! VIMMGSARV	2168	1743
>CDKN2A-M! VMMMGSAR	3	>CDKN2A-M! VIMMGSARV	7	4
>CDKN2A-M! VMMMGSAR	226	>CDKN2A-M! VIMMGSARV	995	769
>CDKN2A-M! VMMMGSAR	19	>CDKN2A-M! VIMMGSARV	24	5
>CDKN2A-M! VMMMGSAR	2	>CDKN2A-M! VIMMGSARV	11	9
>CDKN2A-M! VMMMGSAR	55	>CDKN2A-M! VIMMGSARV	2560	2505
>CDKN2A-M! VMMMGSAR	3	>CDKN2A-M! VIMMGSARV	67	64
>CDKN2A-M! VMMMGSAR	239	>CDKN2A-M! VIMMGSARV	8997	8758
>CDKN2A-M! VMMMGSAR	7	>CDKN2A-M! VIMMGSARV	61	54
>CDKN2A-M! VMMMGSAR	2	>CDKN2A-M! VIMMGSARV	4	2
>CDKN2A-M! VMMMGSAR	95	>CDKN2A-M! VIMMGSARV	2230	2135
>CDKN2A-M! VMMMGSAR	2	>CDKN2A-M! VIMMGSARV	3	1
>CDKN2A-M! VMMMGSAR	54	>CDKN2A-M! VIMMGSARV	1569	1515
>CDKN2A-M! VMMMGSAR	212	>CDKN2A-M! VIMMGSAR	794	582
>CDKN2A-M! VMMMGSAR	168	>CDKN2A-M! VIMMGSAR	154	14
>CDKN2A-M! VMMMGSAR	20	>CDKN2A-M! VIMMGSAR	74	54
>CDKN2A-M! VMMMGSAR	120	>CDKN2A-M! VIMMGSAR	220	100
>CDKN2A-M! VMMMGSAR	462	>CDKN2A-M! VIMMGSAR	202	260
>CDKN2A-M! VMMMGSAR	1971	>CDKN2A-M! VIMMGSARV	194	1777
>CDKN2A-M! VMMMGSAR	175	>CDKN2A-M! VIMMGSARV	1619	1444
>CDKN2A-M! VMMMGSAR	183	>CDKN2A-M! VIMMGSARV	1687	1504
>CDKN2A-M! VMMMGSAR	146	>CDKN2A-M! VIMMGSAR	6182	6036
>CDKN2A-M! VMMMGSAR	420	>CDKN2A-M! VIMMGSARV	9231	8811
>CDKN2A-M! NSYGRRPIQV	264	>CDKN2A-M! NSYGRRPIQV	1107	843
>CDKN2A-M! NSYGRRPIQV	485	>CDKN2A-M! NSYGRRPIQV	8069	7584
>CDKN2A-M! NSYGRRPIQV	132	>CDKN2A-M! NSYGRRPIQV	1180	1048
>CDKN2A-M! NSYGRRPIQV	251	>CDKN2A-M! NSYGRRPIQV	2637	2386
>CDKN2A-M! NSYGRRPIQV	1074	>CDKN2A-M! NSYGRRPIQV	41	1033
>CDKN2A-M! QVMMMGSF	419	>CDKN2A-M! QVIMMGSF	1396	977
>CDKN2A-M! QVMMMGSF	298	>CDKN2A-M! QVIMMGSF	675	377
>CDKN2A-M! QVMMMGSF	61	>CDKN2A-M! QVIMMGSF	189	128
>CDKN2A-M! QVMMMGSF	313	>CDKN2A-M! QVIMMGSF	587	274
>CDKN2A-M! QVMMMGSF	248	>CDKN2A-M! QVIMMGSF	7447	7199
>CDKN2A-M! QVMMMGSF	41	>CDKN2A-M! QVIMMGSF	78	37
>CDKN2A-M! QVMMMGSF	114	>CDKN2A-M! QVIMMGSF	492	378

>CDKN2A-M! QVMMMGS/	55	>CDKN2A-M! QVIMMGS/	115	60
>CDKN2A-M! QVMMMGS/	218	>CDKN2A-M! QVIMMGS/	437	219
>CDKN2A-M! QVMMMGS/	20	>CDKN2A-M! QVIMMGS/	19	1
>CDKN2A-M! QVMMMGS/	167	>CDKN2A-M! QVIMMGS/	313	146
>CDKN2A-M! QVMMMGS/	215	>CDKN2A-M! QVIMMGS/	302	87
>CDKN2A-M! QVMMMGS/	78	>CDKN2A-M! QVIMMGS/	229	151
>CDKN2A-M! IQVMMMGS/	167	>CDKN2A-M! IQVIMMGS/	278	111
>CDKN2A-M! IQVMMMGS/	42	>CDKN2A-M! IQVIMMGS/	69	27
>CDKN2A-M! IQVMMMGS/	87	>CDKN2A-M! IQVIMMGS/	124	37
>CDKN2A-M! IQVMMMGS/	16	>CDKN2A-M! IQVIMMGS/	19	3
>CDKN2A-M! IQVMMMGS/	120	>CDKN2A-M! IQVIMMGS/	148	28
>CDKN2A-M! IQVMMMGS/	240	>CDKN2A-M! IQVIMMGS/	396	156
>CDKN2A-M! IQVMMMGS/	117	>CDKN2A-M! IQVIMMGS/	121	4
>CDKN2A-M! IQVMMMGS/	187	>CDKN2A-M! IQVIMMGS/	387	200
>CDKN2A-M! RPIQVMMM	109	>CDKN2A-M! RPIQVIMM	34	75
>CDKN2A-M! RPIQVMMM	18	>CDKN2A-M! RPIQVIMM	25	7
>CDKN2A-M! RPIQVMMM	23	>CDKN2A-M! RPIQVIMM	41	18
>CDKN2A-M! RPIQVMMM	109	>CDKN2A-M! RPIQVIMM	56	53
>CDKN2A-M! RPIQVMMM	288	>CDKN2A-M! RPIQVIMM	197	91
>CDKN2A-M! RPIQVMMM	134	>CDKN2A-M! RPIQVIMM	151	17
>CDKN2A-M! RPIQVMMM	391	>CDKN2A-M! RPIQVIMM	214	177
>CDKN2A-M! RRPIQVMMM	439	>CDKN2A-M! RRPIQVIMM	970	531
>CDKN2A-M! RRPIQVMM	120	>CDKN2A-M! RRPIQVIM	183	63
>CDKN2A-M! RRPIQVMMM	184	>CDKN2A-M! RRPIQVIMM	106	78
>CDKN2A-M! RRPIQVMM	131	>CDKN2A-M! RRPIQVIM	316	185
>CDKN2A-M! RRPIQVMMM	163	>CDKN2A-M! RRPIQVIMM	129	34
>CDKN2A-M! RRPIQVMMM	125	>CDKN2A-M! RRPIQVIMM	117	8
>CDKN2A-M! RRPIQVMM	319	>CDKN2A-M! RRPIQVIM	529	210
>CDKN2A-M! RRPIQVMMM	74	>CDKN2A-M! RRPIQVIMM	54	20
>CDKN2A-M! RRPIQVMMM	238	>CDKN2A-M! RRPIQVIMM	213	25
>CDKN2A-M! GRRPIQVM	317	>CDKN2A-M! GRRPIQVI	789	472
>CDKN2A-M! GRRPIQVM	485	>CDKN2A-M! GRRPIQVIM	392	93
>CDKN2A-M! GRRPIQVM	365	>CDKN2A-M! GRRPIQVIMM	591	226
>CDKN2A-M! GRRPIQVM	314	>CDKN2A-M! GRRPIQVI	618	304
>CDKN2A-M! GRRPIQVM	115	>CDKN2A-M! GRRPIQVIM	253	138
>CDKN2A-M! GRRPIQVM	203	>CDKN2A-M! GRRPIQVIMM	145	58
>CDKN2A-M! GRRPIQVM	250	>CDKN2A-M! GRRPIQVIM	528	278
>CDKN2A-M! GRRPIQVM	213	>CDKN2A-M! GRRPIQVIM	238	25
>CDKN2A-M! GRRPIQVM	455	>CDKN2A-M! GRRPIQVIMM	582	127
>CDKN2A-M! GRRPIQVM	34	>CDKN2A-M! GRRPIQVIM	49	15
>CDKN2A-M! GRRPIQVM	222	>CDKN2A-M! GRRPIQVIMM	287	65
>CDKN2A-M! YGRRPIQVM	395	>CDKN2A-M! YGRRPIQVI	3138	2743
>CDKN2A-M! YGRRPIQVM	343	>CDKN2A-M! YGRRPIQVI	4789	4446

>CDKN2A-M! YGRRPIQVM	262	>CDKN2A-M! YGRRPIQVI	784	522
>CDKN2A-M! YGRRPIQVMI	597	>CDKN2A-M! YGRRPIQVIM	391	206
>CDKN2A-M! YGRRPIQVMI	425	>CDKN2A-M! YGRRPIQVIM	820	395
>CDKN2A-M! YGRRPIQVM	44	>CDKN2A-M! YGRRPIQVI	670	626
>CDKN2A-M! YGRRPIQVMI	45	>CDKN2A-M! YGRRPIQVIM	52	7
>CDKN2A-M! YGRRPIQVMI	37	>CDKN2A-M! YGRRPIQVIM	68	31
>CDKN2A-M! SYGRRPIQVN	1035	>CDKN2A-M! SYGRRPIQVI	135	900
>CDKN2A-M! SYGRRPIQVN	136	>CDKN2A-M! SYGRRPIQVI	16	120
>CDKN2A-M! SYGRRPIQVN	74	>CDKN2A-M! SYGRRPIQVIN	306	232
>CDKN2A-M! MMMGSARV	11	>CDKN2A-M! KMMGSARV	14	3
>CDKN2A-M! MMMGSARV	19	>CDKN2A-M! KMMGSARV/	26	7
>CDKN2A-M! MMMGSARV	3	>CDKN2A-M! KMMGSARV	6	3
>CDKN2A-M! MMMGSARV	102	>CDKN2A-M! KMMGSARV/	593	491
>CDKN2A-M! MMMGSARV	4	>CDKN2A-M! KMMGSARV/	7	3
>CDKN2A-M! MMMGSARV	2	>CDKN2A-M! KMMGSARV	3	1
>CDKN2A-M! MMMGSARV	11	>CDKN2A-M! KMMGSARV/	35	24
>CDKN2A-M! MMMGSARV	5	>CDKN2A-M! KMMGSARV/	8	3
>CDKN2A-M! MMMGSARV	8	>CDKN2A-M! KMMGSARV	11	3
>CDKN2A-M! MMMGSARV	437	>CDKN2A-M! KMMGSARV/	895	458
>CDKN2A-M! MMMGSARV	27	>CDKN2A-M! KMMGSARV/	36	9
>CDKN2A-M! MMMGSARV	2	>CDKN2A-M! KMMGSARV	2	0
>CDKN2A-M! MMMGSARV	29	>CDKN2A-M! KMMGSARV/	60	31
>CDKN2A-M! MMMGSARV	3	>CDKN2A-M! KMMGSARV/	5	2
>CDKN2A-M! MMMGSARV	3	>CDKN2A-M! KMMGSARV	3	0
>CDKN2A-M! MMMGSARV	281	>CDKN2A-M! KMMGSARV/	305	24
>CDKN2A-M! MMMGSARV	9	>CDKN2A-M! KMMGSARV/	8	1
>CDKN2A-M! MMMGSARV	8	>CDKN2A-M! KMMGSARV	8	0
>CDKN2A-M! MMMGSARV	35	>CDKN2A-M! KMMGSARV/	30	5
>CDKN2A-M! MMMGSARV	2	>CDKN2A-M! KMMGSARV	2	0
>CDKN2A-M! MMMGSARV	91	>CDKN2A-M! KMMGSARV/	266	175
>CDKN2A-M! MMMGSARV	4	>CDKN2A-M! KMMGSARV/	8	4
>CDKN2A-M! MMMGSARV	2	>CDKN2A-M! KMMGSARV	2	0
>CDKN2A-M! MMMGSARV	21	>CDKN2A-M! KMMGSARV/	215	194
>CDKN2A-M! MMMGSARV	3	>CDKN2A-M! KMMGSARV/	5	2
>CDKN2A-M! MMMGSARV	1427	>CDKN2A-M! KMMGSARV	176	1251
>CDKN2A-M! MMMGSARV	2351	>CDKN2A-M! KMMGSARV/	340	2011
>CDKN2A-M! MMMGSARV	179	>CDKN2A-M! KMMGSARV/	21	158
>CDKN2A-M! MMMGSARV	29	>CDKN2A-M! KMMGSARV	4242	4213
>CDKN2A-M! MMMGSARV	235	>CDKN2A-M! KMMGSARV/	10735	10500
>CDKN2A-M! MMMGSARV	51	>CDKN2A-M! KMMGSARV	1674	1623
>CDKN2A-M! MMMGSARV	188	>CDKN2A-M! KMMGSARV/	1384	1196
>CDKN2A-M! MMMGSARV	301	>CDKN2A-M! KMMGSARV	577	276
>CDKN2A-M! MMMGSARV	191	>CDKN2A-M! KMMGSARV/	363	172

>CDKN2A-M! MMMGSARV	84	>CDKN2A-M! KMMGSARV/	140	56
>CDKN2A-M! MMMGSARV	237	>CDKN2A-M! KMMGSARV	309	72
>CDKN2A-M! MMMGSARV	342	>CDKN2A-M! KMMGSARV/	460	118
>CDKN2A-M! MMMGSARV	31	>CDKN2A-M! KMMGSARV/	42	11
>CDKN2A-M! MMMGSARV	55	>CDKN2A-M! KMMGSARV/	33	22
>CDKN2A-M! MMMGSARV	465	>CDKN2A-M! KMMGSARV	6064	5599
>CDKN2A-M! MMMGSARV	18	>CDKN2A-M! KMMGSARV/	201	183
>CDKN2A-M! MMMGSARV	185	>CDKN2A-M! KMMGSARV/	240	55
>CDKN2A-M! MMMGSARV	1431	>CDKN2A-M! KMMGSARV/	400	1031
>CDKN2A-M! VMMMGSAR	182	>CDKN2A-M! VKMMGSAR\	3066	2884
>CDKN2A-M! VMMMGSAR	11	>CDKN2A-M! VKMMGSAR\	15670	15659
>CDKN2A-M! VMMMGSAR	9	>CDKN2A-M! VKMMGSAR\	5560	5551
>CDKN2A-M! VMMMGSAR	425	>CDKN2A-M! VKMMGSAR\	19916	19491
>CDKN2A-M! VMMMGSAR	3	>CDKN2A-M! VKMMGSAR\	3709	3706
>CDKN2A-M! VMMMGSAR	226	>CDKN2A-M! VKMMGSAR\	18698	18472
>CDKN2A-M! VMMMGSAR	19	>CDKN2A-M! VKMMGSAR\	1592	1573
>CDKN2A-M! VMMMGSAR	2	>CDKN2A-M! VKMMGSAR\	2269	2267
>CDKN2A-M! VMMMGSAR	55	>CDKN2A-M! VKMMGSAR\	21765	21710
>CDKN2A-M! VMMMGSAR	3	>CDKN2A-M! VKMMGSAR\	10800	10797
>CDKN2A-M! VMMMGSAR	239	>CDKN2A-M! VKMMGSAR\	22028	21789
>CDKN2A-M! VMMMGSAR	7	>CDKN2A-M! VKMMGSAR\	9648	9641
>CDKN2A-M! VMMMGSAR	2	>CDKN2A-M! VKMMGSAR\	4070	4068
>CDKN2A-M! VMMMGSAR	95	>CDKN2A-M! VKMMGSAR\	17672	17577
>CDKN2A-M! VMMMGSAR	2	>CDKN2A-M! VKMMGSAR\	909	907
>CDKN2A-M! VMMMGSAR	54	>CDKN2A-M! VKMMGSAR\	29892	29838
>CDKN2A-M! VMMMGSAR	212	>CDKN2A-M! VKMMGSAR	20432	20220
>CDKN2A-M! VMMMGSAR	168	>CDKN2A-M! VKMMGSAR	21398	21230
>CDKN2A-M! VMMMGSAR	20	>CDKN2A-M! VKMMGSAR	6357	6337
>CDKN2A-M! VMMMGSAR	120	>CDKN2A-M! VKMMGSAR	6485	6365
>CDKN2A-M! VMMMGSAR	462	>CDKN2A-M! VKMMGSAR	5535	5073
>CDKN2A-M! VMMMGSAR	175	>CDKN2A-M! VKMMGSAR\	17163	16988
>CDKN2A-M! VMMMGSAR	183	>CDKN2A-M! VKMMGSAR\	15106	14923
>CDKN2A-M! VMMMGSAR	146	>CDKN2A-M! VKMMGSAR	69	77
>CDKN2A-M! VMMMGSAR	420	>CDKN2A-M! VKMMGSAR\	189	231
>CDKN2A-M! VMMMGSAR	721	>CDKN2A-M! VKMMGSAR\	331	390
>CDKN2A-M! NSYGRRPIQV	264	>CDKN2A-M! NSYGRRPIQV	22209	21945
>CDKN2A-M! NSYGRRPIQV	20788	>CDKN2A-M! NSYGRRPIQV	214	20574
>CDKN2A-M! NSYGRRPIQV	24031	>CDKN2A-M! NSYGRRPIQV	189	23842
>CDKN2A-M! NSYGRRPIQV	485	>CDKN2A-M! NSYGRRPIQV	24824	24339
>CDKN2A-M! NSYGRRPIQV	15312	>CDKN2A-M! NSYGRRPIQV	138	15174
>CDKN2A-M! NSYGRRPIQV	132	>CDKN2A-M! NSYGRRPIQV	19993	19861
>CDKN2A-M! NSYGRRPIQV	251	>CDKN2A-M! NSYGRRPIQV	16758	16507
>CDKN2A-M! QVMMMGSAR	419	>CDKN2A-M! QVKMMGSA	4591	4172

>CDKN2A-M! QVMMMGS/	298	>CDKN2A-M! QVKMMGSA	1253	955
>CDKN2A-M! QVMMMGS/	61	>CDKN2A-M! QVKMMGSA	582	521
>CDKN2A-M! QVMMMGS/	313	>CDKN2A-M! QVKMMGSA	7704	7391
>CDKN2A-M! QVMMMGS/	248	>CDKN2A-M! QVKMMGSA	16410	16162
>CDKN2A-M! QVMMMGS/	41	>CDKN2A-M! QVKMMGSA	349	308
>CDKN2A-M! QVMMMGS/	114	>CDKN2A-M! QVKMMGSA	3438	3324
>CDKN2A-M! QVMMMGS/	3780	>CDKN2A-M! QVKMMGSA	197	3583
>CDKN2A-M! QVMMMGS/	4127	>CDKN2A-M! QVKMMGSA	281	3846
>CDKN2A-M! QVMMMGS/	4859	>CDKN2A-M! QVKMMGSA	319	4540
>CDKN2A-M! QVMMMGS/	55	>CDKN2A-M! QVKMMGSA	34	21
>CDKN2A-M! QVMMMGS/	218	>CDKN2A-M! QVKMMGSA	181	37
>CDKN2A-M! QVMMMGS/	20	>CDKN2A-M! QVKMMGSA	92	72
>CDKN2A-M! QVMMMGS/	167	>CDKN2A-M! QVKMMGSA	6532	6365
>CDKN2A-M! QVMMMGS/	215	>CDKN2A-M! QVKMMGSA	2164	1949
>CDKN2A-M! QVMMMGS/	78	>CDKN2A-M! QVKMMGSA	3674	3596
>CDKN2A-M! IQVMMMGS,	598	>CDKN2A-M! IQVKMMGSA	480	118
>CDKN2A-M! IQVMMMGS,	167	>CDKN2A-M! IQVKMMGSA	228	61
>CDKN2A-M! IQVMMMGS,	42	>CDKN2A-M! IQVKMMGSA	51	9
>CDKN2A-M! IQVMMMGS,	87	>CDKN2A-M! IQVKMMGSA	115	28
>CDKN2A-M! IQVMMMGS,	16	>CDKN2A-M! IQVKMMGSA	18	2
>CDKN2A-M! IQVMMMGS,	120	>CDKN2A-M! IQVKMMGSA	126	6
>CDKN2A-M! IQVMMMGS,	240	>CDKN2A-M! IQVKMMGSA	842	602
>CDKN2A-M! IQVMMMGS,	117	>CDKN2A-M! IQVKMMGSA	448	331
>CDKN2A-M! IQVMMMGS,	187	>CDKN2A-M! IQVKMMGSA	168	19
>CDKN2A-M! IQVMMMGS,	508	>CDKN2A-M! IQVKMMGSA	489	19
>CDKN2A-M! RPIQVMMM	109	>CDKN2A-M! RPIQVKMM	187	78
>CDKN2A-M! RPIQVMMM	18	>CDKN2A-M! RPIQVKMM	23	5
>CDKN2A-M! RPIQVMMM	23	>CDKN2A-M! RPIQVKMM	23	0
>CDKN2A-M! RPIQVMMM	109	>CDKN2A-M! RPIQVKMM	299	190
>CDKN2A-M! RPIQVMMM	288	>CDKN2A-M! RPIQVKMM	742	454
>CDKN2A-M! RPIQVMMM	134	>CDKN2A-M! RPIQVKMM	195	61
>CDKN2A-M! RPIQVMMM	391	>CDKN2A-M! RPIQVKMM	560	169
>CDKN2A-M! RRPIQVMMM	439	>CDKN2A-M! RRPIQVKMM	835	396
>CDKN2A-M! RRPIQVMM	120	>CDKN2A-M! RRPIQVKM	75	45
>CDKN2A-M! RRPIQVMMM	184	>CDKN2A-M! RRPIQVKMM	130	54
>CDKN2A-M! RRPIQVMM	131	>CDKN2A-M! RRPIQVKM	189	58
>CDKN2A-M! RRPIQVMMM	163	>CDKN2A-M! RRPIQVKMM	319	156
>CDKN2A-M! RRPIQVMMM	125	>CDKN2A-M! RRPIQVKMM	112	13
>CDKN2A-M! RRPIQVMM	319	>CDKN2A-M! RRPIQVKM	136	183
>CDKN2A-M! RRPIQVMMM	74	>CDKN2A-M! RRPIQVKMM	144	70
>CDKN2A-M! RRPIQVMMM	238	>CDKN2A-M! RRPIQVKMM	317	79
>CDKN2A-M! GRRPIQVM	8888	>CDKN2A-M! GRRPIQVK	395	8493
>CDKN2A-M! GRRPIQVM	317	>CDKN2A-M! GRRPIQVK	3419	3102

>CDKN2A-M! GRRPIQVMV	485	>CDKN2A-M! GRRPIQVKM	869	384
>CDKN2A-M! GRRPIQVMV	365	>CDKN2A-M! GRRPIQVKMI	622	257
>CDKN2A-M! GRRPIQVM	314	>CDKN2A-M! GRRPIQVK	375	61
>CDKN2A-M! GRRPIQVMV	115	>CDKN2A-M! GRRPIQVKM	71	44
>CDKN2A-M! GRRPIQVMV	203	>CDKN2A-M! GRRPIQVKMI	212	9
>CDKN2A-M! GRRPIQVMV	250	>CDKN2A-M! GRRPIQVKM	1142	892
>CDKN2A-M! GRRPIQVMV	213	>CDKN2A-M! GRRPIQVKM	329	116
>CDKN2A-M! GRRPIQVMV	455	>CDKN2A-M! GRRPIQVKMI	1151	696
>CDKN2A-M! GRRPIQVMV	34	>CDKN2A-M! GRRPIQVKM	69	35
>CDKN2A-M! GRRPIQVMV	222	>CDKN2A-M! GRRPIQVKMI	641	419
>CDKN2A-M! YGRRPIQVM	3226	>CDKN2A-M! YGRRPIQVK	54	3172
>CDKN2A-M! YGRRPIQVM	395	>CDKN2A-M! YGRRPIQVK	23045	22650
>CDKN2A-M! YGRRPIQVM	343	>CDKN2A-M! YGRRPIQVK	18069	17726
>CDKN2A-M! YGRRPIQVM	262	>CDKN2A-M! YGRRPIQVK	5018	4756
>CDKN2A-M! YGRRPIQVMI	425	>CDKN2A-M! YGRRPIQVKM	730	305
>CDKN2A-M! YGRRPIQVM	44	>CDKN2A-M! YGRRPIQVK	8576	8532
>CDKN2A-M! YGRRPIQVMI	45	>CDKN2A-M! YGRRPIQVKM	57	12
>CDKN2A-M! YGRRPIQVMI	37	>CDKN2A-M! YGRRPIQVKM	64	27
>CDKN2A-M! SYGRRPIQVM	136	>CDKN2A-M! SYGRRPIQVK	1755	1619
>CDKN2A-M! SYGRRPIQVM	74	>CDKN2A-M! SYGRRPIQVK	131	57
>CDKN2A-M! SYGRRPIQVM	6900	>CDKN2A-M! SYGRRPIQVK	196	6704
>CDKN2A-M! MMMGSARV	11	>CDKN2A-M! LMMGSARV	17	6
>CDKN2A-M! MMMGSARV	19	>CDKN2A-M! LMMGSARV/	35	16
>CDKN2A-M! MMMGSARV	3	>CDKN2A-M! LMMGSARV	5	2
>CDKN2A-M! MMMGSARV	102	>CDKN2A-M! LMMGSARV/	402	300
>CDKN2A-M! MMMGSARV	4	>CDKN2A-M! LMMGSARV/	7	3
>CDKN2A-M! MMMGSARV	2	>CDKN2A-M! LMMGSARV	3	1
>CDKN2A-M! MMMGSARV	11	>CDKN2A-M! LMMGSARV/	27	16
>CDKN2A-M! MMMGSARV	5	>CDKN2A-M! LMMGSARV/	8	3
>CDKN2A-M! MMMGSARV	8	>CDKN2A-M! LMMGSARV	13	5
>CDKN2A-M! MMMGSARV	437	>CDKN2A-M! LMMGSARV/	1379	942
>CDKN2A-M! MMMGSARV	27	>CDKN2A-M! LMMGSARV/	57	30
>CDKN2A-M! MMMGSARV	2	>CDKN2A-M! LMMGSARV	2	0
>CDKN2A-M! MMMGSARV	29	>CDKN2A-M! LMMGSARV/	61	32
>CDKN2A-M! MMMGSARV	3	>CDKN2A-M! LMMGSARV/	5	2
>CDKN2A-M! MMMGSARV	3	>CDKN2A-M! LMMGSARV	4	1
>CDKN2A-M! MMMGSARV	281	>CDKN2A-M! LMMGSARV/	521	240
>CDKN2A-M! MMMGSARV	9	>CDKN2A-M! LMMGSARV/	11	2
>CDKN2A-M! MMMGSARV	8	>CDKN2A-M! LMMGSARV	9	1
>CDKN2A-M! MMMGSARV	35	>CDKN2A-M! LMMGSARV/	52	17
>CDKN2A-M! MMMGSARV	2	>CDKN2A-M! LMMGSARV	2	0
>CDKN2A-M! MMMGSARV	91	>CDKN2A-M! LMMGSARV/	142	51
>CDKN2A-M! MMMGSARV	4	>CDKN2A-M! LMMGSARV/	5	1

>CDKN2A-M! MMMGSARV	2	>CDKN2A-M! LMMGSARV	2	0
>CDKN2A-M! MMMGSARV	21	>CDKN2A-M! LMMGSARV/	34	13
>CDKN2A-M! MMMGSARV	3	>CDKN2A-M! LMMGSARV/	3	0
>CDKN2A-M! MMMGSARV	179	>CDKN2A-M! LMMGSARV/	943	764
>CDKN2A-M! MMMGSARV	29	>CDKN2A-M! LMMGSARV	696	667
>CDKN2A-M! MMMGSARV	235	>CDKN2A-M! LMMGSARV/	3619	3384
>CDKN2A-M! MMMGSARV	51	>CDKN2A-M! LMMGSARV	458	407
>CDKN2A-M! MMMGSARV	188	>CDKN2A-M! LMMGSARV/	478	290
>CDKN2A-M! MMMGSARV	301	>CDKN2A-M! LMMGSARV	242	59
>CDKN2A-M! MMMGSARV	191	>CDKN2A-M! LMMGSARV/	149	42
>CDKN2A-M! MMMGSARV	84	>CDKN2A-M! LMMGSARV/	73	11
>CDKN2A-M! MMMGSARV	237	>CDKN2A-M! LMMGSARV	419	182
>CDKN2A-M! MMMGSARV	342	>CDKN2A-M! LMMGSARV/	599	257
>CDKN2A-M! MMMGSARV	31	>CDKN2A-M! LMMGSARV/	49	18
>CDKN2A-M! MMMGSARV	55	>CDKN2A-M! LMMGSARV/	129	74
>CDKN2A-M! MMMGSARV	465	>CDKN2A-M! LMMGSARV	4940	4475
>CDKN2A-M! MMMGSARV	18	>CDKN2A-M! LMMGSARV/	126	108
>CDKN2A-M! MMMGSARV	185	>CDKN2A-M! LMMGSARV/	628	443
>CDKN2A-M! VMMMGSAR	182	>CDKN2A-M! VLMMGSAR\	2057	1875
>CDKN2A-M! VMMMGSAR	11	>CDKN2A-M! VLMMGSAR\	12	1
>CDKN2A-M! VMMMGSAR	9	>CDKN2A-M! VLMMGSAR\	9	0
>CDKN2A-M! VMMMGSAR	425	>CDKN2A-M! VLMMGSAR\	383	42
>CDKN2A-M! VMMMGSAR	3	>CDKN2A-M! VLMMGSAR\	3	0
>CDKN2A-M! VMMMGSAR	226	>CDKN2A-M! VLMMGSAR\	240	14
>CDKN2A-M! VMMMGSAR	19	>CDKN2A-M! VLMMGSAR\	28	9
>CDKN2A-M! VMMMGSAR	2	>CDKN2A-M! VLMMGSAR\	2	0
>CDKN2A-M! VMMMGSAR	55	>CDKN2A-M! VLMMGSAR\	96	41
>CDKN2A-M! VMMMGSAR	3	>CDKN2A-M! VLMMGSAR\	4	1
>CDKN2A-M! VMMMGSAR	239	>CDKN2A-M! VLMMGSAR\	374	135
>CDKN2A-M! VMMMGSAR	7	>CDKN2A-M! VLMMGSAR\	6	1
>CDKN2A-M! VMMMGSAR	2	>CDKN2A-M! VLMMGSAR\	2	0
>CDKN2A-M! VMMMGSAR	95	>CDKN2A-M! VLMMGSAR\	130	35
>CDKN2A-M! VMMMGSAR	2	>CDKN2A-M! VLMMGSAR\	2	0
>CDKN2A-M! VMMMGSAR	54	>CDKN2A-M! VLMMGSAR\	31	23
>CDKN2A-M! VMMMGSAR	212	>CDKN2A-M! VLMMGSAR	270	58
>CDKN2A-M! VMMMGSAR	168	>CDKN2A-M! VLMMGSAR	578	410
>CDKN2A-M! VMMMGSAR	20	>CDKN2A-M! VLMMGSAR	77	57
>CDKN2A-M! VMMMGSAR	120	>CDKN2A-M! VLMMGSAR	217	97
>CDKN2A-M! VMMMGSAR	462	>CDKN2A-M! VLMMGSAR	615	153
>CDKN2A-M! VMMMGSAR	175	>CDKN2A-M! VLMMGSAR	585	410
>CDKN2A-M! VMMMGSAR	183	>CDKN2A-M! VLMMGSAR	651	468
>CDKN2A-M! VMMMGSAR	146	>CDKN2A-M! VLMMGSAR	2077	1931
>CDKN2A-M! VMMMGSAR	420	>CDKN2A-M! VLMMGSAR\	3845	3425



>CDKN2A-M! NSYGRRPIQV	264	>CDKN2A-M! NSYGRRPIQV	325	61
>CDKN2A-M! NSYGRRPIQV	485	>CDKN2A-M! NSYGRRPIQV	2820	2335
>CDKN2A-M! NSYGRRPIQV	132	>CDKN2A-M! NSYGRRPIQV	210	78
>CDKN2A-M! NSYGRRPIQV	251	>CDKN2A-M! NSYGRRPIQV	1507	1256
>CDKN2A-M! QVMMMGS/	419	>CDKN2A-M! QVLMMGSAI	1609	1190
>CDKN2A-M! QVMMMGS/	298	>CDKN2A-M! QVLMMGSA	2458	2160
>CDKN2A-M! QVMMMGS/	61	>CDKN2A-M! QVLMMGSAI	265	204
>CDKN2A-M! QVMMMGS/	313	>CDKN2A-M! QVLMMGSAI	435	122
>CDKN2A-M! QVMMMGS/	731	>CDKN2A-M! QVLMMGSAI	320	411
>CDKN2A-M! QVMMMGS/	248	>CDKN2A-M! QVLMMGSAI	633	385
>CDKN2A-M! QVMMMGS/	41	>CDKN2A-M! QVLMMGSAI	48	7
>CDKN2A-M! QVMMMGS/	114	>CDKN2A-M! QVLMMGSAI	625	511
>CDKN2A-M! QVMMMGS/	55	>CDKN2A-M! QVLMMGSAI	82	27
>CDKN2A-M! QVMMMGS/	218	>CDKN2A-M! QVLMMGSAI	298	80
>CDKN2A-M! QVMMMGS/	20	>CDKN2A-M! QVLMMGSAI	117	97
>CDKN2A-M! QVMMMGS/	167	>CDKN2A-M! QVLMMGSA	3478	3311
>CDKN2A-M! QVMMMGS/	215	>CDKN2A-M! QVLMMGSAI	2100	1885
>CDKN2A-M! QVMMMGS/	78	>CDKN2A-M! QVLMMGSAI	77	1
>CDKN2A-M! IQVMMMGS,	167	>CDKN2A-M! IQVLMMGSA	308	141
>CDKN2A-M! IQVMMMGS,	42	>CDKN2A-M! IQVLMMGSA	78	36
>CDKN2A-M! IQVMMMGS,	87	>CDKN2A-M! IQVLMMGSA	121	34
>CDKN2A-M! IQVMMMGS,	16	>CDKN2A-M! IQVLMMGSA	19	3
>CDKN2A-M! IQVMMMGS,	120	>CDKN2A-M! IQVLMMGSA	130	10
>CDKN2A-M! IQVMMMGS,	240	>CDKN2A-M! IQVLMMGSA	403	163
>CDKN2A-M! IQVMMMGS,	117	>CDKN2A-M! IQVLMMGSA	253	136
>CDKN2A-M! IQVMMMGS,	187	>CDKN2A-M! IQVLMMGSA	477	290
>CDKN2A-M! RPIQVMMM	109	>CDKN2A-M! RPIQVLMM	67	42
>CDKN2A-M! RPIQVMMM	18	>CDKN2A-M! RPIQVLMM	17	1
>CDKN2A-M! RPIQVMMM	23	>CDKN2A-M! RPIQVLMMG	33	10
>CDKN2A-M! RPIQVMMM	109	>CDKN2A-M! RPIQVLMM	78	31
>CDKN2A-M! RPIQVMMM	288	>CDKN2A-M! RPIQVLMMG	255	33
>CDKN2A-M! RPIQVMMM	134	>CDKN2A-M! RPIQVLMMG	95	39
>CDKN2A-M! RPIQVMMM	391	>CDKN2A-M! RPIQVLMM	473	82
>CDKN2A-M! RRPIQVMMM	439	>CDKN2A-M! RRPIQVLMM	746	307
>CDKN2A-M! RRPIQVMM	120	>CDKN2A-M! RRPIQVLM	84	36
>CDKN2A-M! RRPIQVMMM	184	>CDKN2A-M! RRPIQVLMM	88	96
>CDKN2A-M! RRPIQVMM	131	>CDKN2A-M! RRPIQVLM	104	27
>CDKN2A-M! RRPIQVMMM	163	>CDKN2A-M! RRPIQVLMM	79	84
>CDKN2A-M! RRPIQVMMM	125	>CDKN2A-M! RRPIQVLMM	91	34
>CDKN2A-M! RRPIQVMM	319	>CDKN2A-M! RRPIQVLM	270	49
>CDKN2A-M! RRPIQVMMM	74	>CDKN2A-M! RRPIQVLMM	34	40
>CDKN2A-M! RRPIQVMMM	238	>CDKN2A-M! RRPIQVLMM	154	84
>CDKN2A-M! GRRPIQVM	317	>CDKN2A-M! GRRPIQVL	521	204

>CDKN2A-M! GRRPIQVMV	485	>CDKN2A-M! GRRPIQVLM	931	446
>CDKN2A-M! GRRPIQVMV	365	>CDKN2A-M! GRRPIQVLMV	621	256
>CDKN2A-M! GRRPIQVM	314	>CDKN2A-M! GRRPIQVL	481	167
>CDKN2A-M! GRRPIQVMV	115	>CDKN2A-M! GRRPIQVLM	93	22
>CDKN2A-M! GRRPIQVMV	203	>CDKN2A-M! GRRPIQVLMV	94	109
>CDKN2A-M! GRRPIQVMV	250	>CDKN2A-M! GRRPIQVLM	303	53
>CDKN2A-M! GRRPIQVMV	213	>CDKN2A-M! GRRPIQVLM	125	88
>CDKN2A-M! GRRPIQVMV	455	>CDKN2A-M! GRRPIQVLMV	296	159
>CDKN2A-M! GRRPIQVMV	34	>CDKN2A-M! GRRPIQVLM	23	11
>CDKN2A-M! GRRPIQVMV	222	>CDKN2A-M! GRRPIQVLMV	136	86
>CDKN2A-M! YGRRPIQVM	395	>CDKN2A-M! YGRRPIQVL	330	65
>CDKN2A-M! YGRRPIQVM	343	>CDKN2A-M! YGRRPIQVL	1976	1633
>CDKN2A-M! YGRRPIQVM	262	>CDKN2A-M! YGRRPIQVL	478	216
>CDKN2A-M! YGRRPIQVMI	425	>CDKN2A-M! YGRRPIQVLM	697	272
>CDKN2A-M! YGRRPIQVMI	890	>CDKN2A-M! YGRRPIQVLM	452	438
>CDKN2A-M! YGRRPIQVM	44	>CDKN2A-M! YGRRPIQVL	312	268
>CDKN2A-M! YGRRPIQVMI	45	>CDKN2A-M! YGRRPIQVLM	49	4
>CDKN2A-M! YGRRPIQVMI	37	>CDKN2A-M! YGRRPIQVLM	50	13
>CDKN2A-M! SYGRRPIQVM	1035	>CDKN2A-M! SYGRRPIQVL	382	653
>CDKN2A-M! SYGRRPIQVM	559	>CDKN2A-M! SYGRRPIQVLI	305	254
>CDKN2A-M! SYGRRPIQVM	136	>CDKN2A-M! SYGRRPIQVL	13	123
>CDKN2A-M! SYGRRPIQVM	74	>CDKN2A-M! SYGRRPIQVLI	205	131
>CDKN2A-M! SYGRRPIQVM	964	>CDKN2A-M! SYGRRPIQVL	490	474
>CDKN2A-M! SYGRRPIQVM	1788	>CDKN2A-M! SYGRRPIQVL	343	1445
>CDKN2A-M! MMGSARVAI	177	>CDKN2A-M! TMGSARVAE	853	676
>CDKN2A-M! MMGSARVAI	143	>CDKN2A-M! TMGSARVAE	1583	1440
>CDKN2A-M! MMGSARVAI	24	>CDKN2A-M! TMGSARVAE	69	45
>CDKN2A-M! MMGSARVAI	8	>CDKN2A-M! TMGSARVAE	59	51
>CDKN2A-M! MMGSARVA	224	>CDKN2A-M! TMGSARVA	2097	1873
>CDKN2A-M! MMGSARVAI	52	>CDKN2A-M! TMGSARVAE	93	41
>CDKN2A-M! MMGSARVAI	173	>CDKN2A-M! TMGSARVAE	1475	1302
>CDKN2A-M! MMGSARVAI	436	>CDKN2A-M! TMGSARVAE	3136	2700
>CDKN2A-M! MMGSARVA	187	>CDKN2A-M! TMGSARVA	2418	2231
>CDKN2A-M! MMGSARVAI	11	>CDKN2A-M! TMGSARVAE	80	69
>CDKN2A-M! MMGSARVAI	24	>CDKN2A-M! TMGSARVAE	231	207
>CDKN2A-M! MMGSARVAI	42	>CDKN2A-M! TMGSARVAE	217	175
>CDKN2A-M! MMGSARVAI	190	>CDKN2A-M! TMGSARVAE	1277	1087
>CDKN2A-M! MMGSARVAI	46	>CDKN2A-M! TMGSARVAE	194	148
>CDKN2A-M! MMGSARVAI	81	>CDKN2A-M! TMGSARVAE	358	277
>CDKN2A-M! MMGSARVAI	33	>CDKN2A-M! TMGSARVAE	197	164
>CDKN2A-M! MMGSARVAI	112	>CDKN2A-M! TMGSARVAE	1035	923
>CDKN2A-M! MMGSARVA	95	>CDKN2A-M! TMGSARVA	1089	994
>CDKN2A-M! MMGSARVAI	3	>CDKN2A-M! TMGSARVAE	10	7

>CDKN2A-M!MMGSARVAI	8	>CDKN2A-M!TMGSARVAE	56	48
>CDKN2A-M!MMGSARVAI	163	>CDKN2A-M!TMGSARVAE	736	573
>CDKN2A-M!MMGSARVAI	90	>CDKN2A-M!TMGSARVAE	941	851
>CDKN2A-M!MMGSARVAI	402	>CDKN2A-M!TMGSARVAE	2725	2323
>CDKN2A-M!MMMGSARV	11	>CDKN2A-M!MTMGSARV	70	59
>CDKN2A-M!MMMGSARV	19	>CDKN2A-M!MTMGSARV/	148	129
>CDKN2A-M!MMMGSARV	3	>CDKN2A-M!MTMGSARV	21	18
>CDKN2A-M!MMMGSARV	102	>CDKN2A-M!MTMGSARV/	3471	3369
>CDKN2A-M!MMMGSARV	4	>CDKN2A-M!MTMGSARV/	20	16
>CDKN2A-M!MMMGSARV	2	>CDKN2A-M!MTMGSARV	18	16
>CDKN2A-M!MMMGSARV	11	>CDKN2A-M!MTMGSARV/	797	786
>CDKN2A-M!MMMGSARV	5	>CDKN2A-M!MTMGSARV/	72	67
>CDKN2A-M!MMMGSARV	8	>CDKN2A-M!MTMGSARV	25	17
>CDKN2A-M!MMMGSARV	437	>CDKN2A-M!MTMGSARV/	1888	1451
>CDKN2A-M!MMMGSARV	27	>CDKN2A-M!MTMGSARV/	74	47
>CDKN2A-M!MMMGSARV	2	>CDKN2A-M!MTMGSARV	20	18
>CDKN2A-M!MMMGSARV	29	>CDKN2A-M!MTMGSARV/	4564	4535
>CDKN2A-M!MMMGSARV	3	>CDKN2A-M!MTMGSARV/	166	163
>CDKN2A-M!MMMGSARV	3	>CDKN2A-M!MTMGSARV	367	364
>CDKN2A-M!MMMGSARV	281	>CDKN2A-M!MTMGSARV/	14414	14133
>CDKN2A-M!MMMGSARV	9	>CDKN2A-M!MTMGSARV/	1824	1815
>CDKN2A-M!MMMGSARV	8	>CDKN2A-M!MTMGSARV	567	559
>CDKN2A-M!MMMGSARV	35	>CDKN2A-M!MTMGSARV/	4855	4820
>CDKN2A-M!MMMGSARV	2	>CDKN2A-M!MTMGSARV	96	94
>CDKN2A-M!MMMGSARV	91	>CDKN2A-M!MTMGSARV/	5853	5762
>CDKN2A-M!MMMGSARV	4	>CDKN2A-M!MTMGSARV/	915	911
>CDKN2A-M!MMMGSARV	2	>CDKN2A-M!MTMGSARV	11	9
>CDKN2A-M!MMMGSARV	21	>CDKN2A-M!MTMGSARV/	13895	13874
>CDKN2A-M!MMMGSARV	3	>CDKN2A-M!MTMGSARV/	215	212
>CDKN2A-M!MMMGSARV	7545	>CDKN2A-M!MTMGSARV/	243	7302
>CDKN2A-M!MMMGSARV	179	>CDKN2A-M!MTMGSARV/	105	74
>CDKN2A-M!MMMGSARV	29	>CDKN2A-M!MTMGSARV	5	24
>CDKN2A-M!MMMGSARV	5198	>CDKN2A-M!MTMGSARV/	54	5144
>CDKN2A-M!MMMGSARV	235	>CDKN2A-M!MTMGSARV/	9	226
>CDKN2A-M!MMMGSARV	51	>CDKN2A-M!MTMGSARV	9	42
>CDKN2A-M!MMMGSARV	819	>CDKN2A-M!MTMGSARV/	74	745
>CDKN2A-M!MMMGSARV	188	>CDKN2A-M!MTMGSARV/	1385	1197
>CDKN2A-M!MMMGSARV	301	>CDKN2A-M!MTMGSARV	3610	3309
>CDKN2A-M!MMMGSARV	191	>CDKN2A-M!MTMGSARV/	2978	2787
>CDKN2A-M!MMMGSARV	84	>CDKN2A-M!MTMGSARV/	859	775
>CDKN2A-M!MMMGSARV	237	>CDKN2A-M!MTMGSARV	3921	3684
>CDKN2A-M!MMMGSARV	342	>CDKN2A-M!MTMGSARV/	6254	5912
>CDKN2A-M!MMMGSARV	31	>CDKN2A-M!MTMGSARV/	619	588

>CDKN2A-M! MMMGSARV	1155	>CDKN2A-M! MTMGSARV	9	1146
>CDKN2A-M! MMMGSARV	11134	>CDKN2A-M! MTMGSARV/	148	10986
>CDKN2A-M! MMMGSARV	55	>CDKN2A-M! MTMGSARV/	3	52
>CDKN2A-M! MMMGSARV	465	>CDKN2A-M! MTMGSARV	6028	5563
>CDKN2A-M! MMMGSARV	18	>CDKN2A-M! MTMGSARV/	222	204
>CDKN2A-M! MMMGSARV	185	>CDKN2A-M! MTMGSARV/	4246	4061
>CDKN2A-M! MMMGSARV	1431	>CDKN2A-M! MTMGSARV/	254	1177
>CDKN2A-M! MMMGSARV	12762	>CDKN2A-M! MTMGSARV/	319	12443
>CDKN2A-M! MMMGSARV	6830	>CDKN2A-M! MTMGSARV/	101	6729
>CDKN2A-M! MMMGSARV	11959	>CDKN2A-M! MTMGSARV/	391	11568
>CDKN2A-M! SYGRRPIQVM	74	>CDKN2A-M! SYGRRPIQVM	1183	1109
>CDKN2A-M! VMMMGSAR	182	>CDKN2A-M! VMTMGSAR\	1085	903
>CDKN2A-M! VMMMGSAR	11	>CDKN2A-M! VMTMGSAR\	69	58
>CDKN2A-M! VMMMGSAR	9	>CDKN2A-M! VMTMGSAR\	76	67
>CDKN2A-M! VMMMGSAR	425	>CDKN2A-M! VMTMGSAR\	3749	3324
>CDKN2A-M! VMMMGSAR	3	>CDKN2A-M! VMTMGSAR\	8	5
>CDKN2A-M! VMMMGSAR	226	>CDKN2A-M! VMTMGSAR\	2055	1829
>CDKN2A-M! VMMMGSAR	19	>CDKN2A-M! VMTMGSAR\	121	102
>CDKN2A-M! VMMMGSAR	2	>CDKN2A-M! VMTMGSAR\	4	2
>CDKN2A-M! VMMMGSAR	55	>CDKN2A-M! VMTMGSAR\	402	347
>CDKN2A-M! VMMMGSAR	3	>CDKN2A-M! VMTMGSAR\	10	7
>CDKN2A-M! VMMMGSAR	239	>CDKN2A-M! VMTMGSAR\	2410	2171
>CDKN2A-M! VMMMGSAR	7	>CDKN2A-M! VMTMGSAR\	8	1
>CDKN2A-M! VMMMGSAR	2	>CDKN2A-M! VMTMGSAR\	5	3
>CDKN2A-M! VMMMGSAR	95	>CDKN2A-M! VMTMGSAR\	3885	3790
>CDKN2A-M! VMMMGSAR	2	>CDKN2A-M! VMTMGSAR\	2	0
>CDKN2A-M! VMMMGSAR	54	>CDKN2A-M! VMTMGSAR\	63	9
>CDKN2A-M! VMMMGSAR	212	>CDKN2A-M! VMTMGSAR	1963	1751
>CDKN2A-M! VMMMGSAR	168	>CDKN2A-M! VMTMGSAR	3487	3319
>CDKN2A-M! VMMMGSAR	20	>CDKN2A-M! VMTMGSAR	56	36
>CDKN2A-M! VMMMGSAR	120	>CDKN2A-M! VMTMGSAR	222	102
>CDKN2A-M! VMMMGSAR	462	>CDKN2A-M! VMTMGSAR	531	69
>CDKN2A-M! VMMMGSAR	175	>CDKN2A-M! VMTMGSAR\	3717	3542
>CDKN2A-M! VMMMGSAR	183	>CDKN2A-M! VMTMGSAR\	3159	2976
>CDKN2A-M! VMMMGSAR	146	>CDKN2A-M! VMTMGSAR	1299	1153
>CDKN2A-M! VMMMGSAR	420	>CDKN2A-M! VMTMGSAR\	2556	2136
>CDKN2A-M! QVMMMGS/	419	>CDKN2A-M! QVMTMGS/	374	45
>CDKN2A-M! QVMMMGS/	298	>CDKN2A-M! QVMTMGS/	276	22
>CDKN2A-M! QVMMMGS/	61	>CDKN2A-M! QVMTMGS/	53	8
>CDKN2A-M! QVMMMGS/	313	>CDKN2A-M! QVMTMGS/	407	94
>CDKN2A-M! QVMMMGS/	248	>CDKN2A-M! QVMTMGS/	183	65
>CDKN2A-M! QVMMMGS/	41	>CDKN2A-M! QVMTMGS/	58	17
>CDKN2A-M! QVMMMGS/	114	>CDKN2A-M! QVMTMGS/	154	40

>CDKN2A-M! QVMMMGS/	55	>CDKN2A-M! QVMTMGSA	88	33
>CDKN2A-M! QVMMMGS/	218	>CDKN2A-M! QVMTMGSA	689	471
>CDKN2A-M! QVMMMGS/	20	>CDKN2A-M! QVMTMGSA	18	2
>CDKN2A-M! QVMMMGS/	167	>CDKN2A-M! QVMTMGSA	90	77
>CDKN2A-M! QVMMMGS/	215	>CDKN2A-M! QVMTMGSA	148	67
>CDKN2A-M! QVMMMGS/	78	>CDKN2A-M! QVMTMGSA	55	23
>CDKN2A-M! IQVMMMGS.	167	>CDKN2A-M! IQVMTMGSA	191	24
>CDKN2A-M! IQVMMMGS.	42	>CDKN2A-M! IQVMTMGSA	44	2
>CDKN2A-M! IQVMMMGS.	87	>CDKN2A-M! IQVMTMGSA	69	18
>CDKN2A-M! IQVMMMGS.	16	>CDKN2A-M! IQVMTMGSA	14	2
>CDKN2A-M! IQVMMMGS.	587	>CDKN2A-M! IQVMTMGSA	301	286
>CDKN2A-M! IQVMMMGS.	120	>CDKN2A-M! IQVMTMGSA	270	150
>CDKN2A-M! IQVMMMGS.	240	>CDKN2A-M! IQVMTMGSA	443	203
>CDKN2A-M! IQVMMMGS.	117	>CDKN2A-M! IQVMTMGSA	194	77
>CDKN2A-M! IQVMMMGS.	691	>CDKN2A-M! IQVMTMGSA	474	217
>CDKN2A-M! IQVMMMGS.	187	>CDKN2A-M! IQVMTMGSA	78	109
>CDKN2A-M! IQVMMMGS.	508	>CDKN2A-M! IQVMTMGSA	210	298
>CDKN2A-M! RPIQVMMM	109	>CDKN2A-M! RPIQVMTM	54	55
>CDKN2A-M! RPIQVMMM	18	>CDKN2A-M! RPIQVMTM	13	5
>CDKN2A-M! RPIQVMMM	23	>CDKN2A-M! RPIQVMTMG	20	3
>CDKN2A-M! RPIQVMMM	109	>CDKN2A-M! RPIQVMTM	29	80
>CDKN2A-M! RPIQVMMM	288	>CDKN2A-M! RPIQVMTMG	406	118
>CDKN2A-M! RPIQVMMM	134	>CDKN2A-M! RPIQVMTMG	181	47
>CDKN2A-M! RPIQVMMM	391	>CDKN2A-M! RPIQVMTM	62	329
>CDKN2A-M! RRPIQVMMM	439	>CDKN2A-M! RRPIQVMTM	266	173
>CDKN2A-M! RRPIQVMM	120	>CDKN2A-M! RRPIQVMT	1766	1646
>CDKN2A-M! RRPIQVMMM	184	>CDKN2A-M! RRPIQVMTM	209	25
>CDKN2A-M! RRPIQVMM	131	>CDKN2A-M! RRPIQVMT	450	319
>CDKN2A-M! RRPIQVMMM	163	>CDKN2A-M! RRPIQVMTM	121	42
>CDKN2A-M! RRPIQVMMM	125	>CDKN2A-M! RRPIQVMTM	139	14
>CDKN2A-M! RRPIQVMM	319	>CDKN2A-M! RRPIQVMT	2554	2235
>CDKN2A-M! RRPIQVMMM	74	>CDKN2A-M! RRPIQVMTM	80	6
>CDKN2A-M! RRPIQVMMM	238	>CDKN2A-M! RRPIQVMTM	327	89
>CDKN2A-M! GRRPIQVMV	485	>CDKN2A-M! GRRPIQVMT	7637	7152
>CDKN2A-M! GRRPIQVMV	365	>CDKN2A-M! GRRPIQVMTI	241	124
>CDKN2A-M! GRRPIQVMV	115	>CDKN2A-M! GRRPIQVMT	2314	2199
>CDKN2A-M! GRRPIQVMV	203	>CDKN2A-M! GRRPIQVMTI	194	9
>CDKN2A-M! GRRPIQVMV	250	>CDKN2A-M! GRRPIQVMT	13164	12914
>CDKN2A-M! GRRPIQVMV	213	>CDKN2A-M! GRRPIQVMT	645	432
>CDKN2A-M! GRRPIQVMV	455	>CDKN2A-M! GRRPIQVMTI	401	54
>CDKN2A-M! GRRPIQVMV	34	>CDKN2A-M! GRRPIQVMT	960	926
>CDKN2A-M! GRRPIQVMV	222	>CDKN2A-M! GRRPIQVMTI	225	3
>CDKN2A-M! YGRRPIQVMI	425	>CDKN2A-M! YGRRPIQVM	222	203

>CDKN2A-M! YGRRPIQVMI	890	>CDKN2A-M! YGRRPIQVM	269	621
>CDKN2A-M! YGRRPIQVMI	45	>CDKN2A-M! YGRRPIQVM	8534	8489
>CDKN2A-M! YGRRPIQVMI	37	>CDKN2A-M! YGRRPIQVM	46	9
>CDKN2A-M! MEPSADWL	182	>CDKN2A-M! IEPSADWL	347	165
>CDKN2A-M! SMEPSADWL	188	>CDKN2A-M! SIEPSADWLA	2443	2255
>CDKN2A-M! SMEPSADWL	53	>CDKN2A-M! SIEPSADWL	632	579
>CDKN2A-M! SMEPSADWL	218	>CDKN2A-M! SIEPSADWLA	1701	1483
>CDKN2A-M! SMEPSADWL	464	>CDKN2A-M! SIEPSADWLA	921	457
>CDKN2A-M! SMEPSADWL	199	>CDKN2A-M! SIEPSADWL	5442	5243
>CDKN2A-M! SMEPSADWL	265	>CDKN2A-M! SIEPSADWLA	5892	5627
>CDKN2A-M! SMEPSADWL	443	>CDKN2A-M! SIEPSADWL	13066	12623
>CDKN2A-M! SMEPSADWL	257	>CDKN2A-M! SIEPSADWLA	10215	9958
>CDKN2A-M! SMEPSADWL	332	>CDKN2A-M! SIEPSADWL	8095	7763
>CDKN2A-M! SMEPSADWL	149	>CDKN2A-M! SIEPSADWLA	4357	4208
>CDKN2A-M! SMEPSADWL	17	>CDKN2A-M! SIEPSADWL	329	312
>CDKN2A-M! SMEPSADWL	24	>CDKN2A-M! SIEPSADWLA	411	387
>CDKN2A-M! SMEPSADW	98	>CDKN2A-M! SIEPSADW	301	203
>CDKN2A-M! SSMEPSADW	541	>CDKN2A-M! SSIEPSADWL	363	178
>CDKN2A-M! SSMEPSADW	205	>CDKN2A-M! SSIEPSADWL	380	175
>CDKN2A-M! SSMEPSADW	418	>CDKN2A-M! SSIEPSADWL	67	351
>CDKN2A-M! SSMEPSADW	286	>CDKN2A-M! SSIEPSADWL	405	119
>CDKN2A-M! SSMEPSADW	56	>CDKN2A-M! SSIEPSADWL	97	41
>CDKN2A-M! SSMEPSADW	295	>CDKN2A-M! SSIEPSADWL	861	566
>CDKN2A-M! SSMEPSADW	363	>CDKN2A-M! SSIEPSADWL	1127	764
>CDKN2A-M! SSMEPSADW	4	>CDKN2A-M! SSIEPSADW	4	0
>CDKN2A-M! SSMEPSADW	11	>CDKN2A-M! SSIEPSADWL	13	2
>CDKN2A-M! SSMEPSADW	56	>CDKN2A-M! SSIEPSADW	68	12
>CDKN2A-M! SSMEPSADW	27	>CDKN2A-M! SSIEPSADW	31	4
>CDKN2A-M! SSMEPSADW	192	>CDKN2A-M! SSIEPSADWL	163	29
>CDKN2A-M! SSMEPSADW	396	>CDKN2A-M! SSIEPSADWL	621	225
>CDKN2A-M! GSSMEPSAD\	13	>CDKN2A-M! GSSIEPSADW	10	3
>CDKN2A-M! GSSMEPSAD\	96	>CDKN2A-M! GSSIEPSADW	60	36
>CDKN2A-M! GSSMEPSAD\	179	>CDKN2A-M! GSSIEPSADW	129	50
>CDKN2A-M! GSSMEPSAD\	81	>CDKN2A-M! GSSIEPSADW	110	29
>CDKN2A-M! GSSMEPSAD\	152	>CDKN2A-M! GSSIEPSADW	259	107
>CDKN2A-M! AGSSMEPSAI	465	>CDKN2A-M! AGSSIEPSAD\	713	248
>CDKN2A-M! EPAAGSSM	401	>CDKN2A-M! EPAAGSSI	2358	1957
>CDKN2A-M! EPAAGSSM	477	>CDKN2A-M! EPAAGSSI	256	221
>CDKN2A-M! EPAAGSSM	33	>CDKN2A-M! EPAAGSSI	111	78
>CDKN2A-M! EPAAGSSM	13	>CDKN2A-M! EPAAGSSI	434	421
>CDKN2A-M! EPAAGSSME	901	>CDKN2A-M! EPAAGSSIE	485	416
>CDKN2A-M! EPAAGSSMEI	216	>CDKN2A-M! EPAAGSSIEP	175	41
>CDKN2A-M! EPAAGSSM	265	>CDKN2A-M! EPAAGSSI	805	540

>CDKN2A-M! EPAAGSSM	547	>CDKN2A-M! EPAAGSSI	290	257
>CDKN2A-M! MEPAAGSSM	700	>CDKN2A-M! MEPAAGSSI	33	667
>CDKN2A-M! MEPAAGSSM	367	>CDKN2A-M! MEPAAGSSI	1740	1373
>CDKN2A-M! MEPAAGSSM	488	>CDKN2A-M! MEPAAGSSI	1185	697
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>CDKN2A-N4 NSYGRRPIQV	408	>CDKN2A-N4 DSYGRRPIQV	468	60
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>CDKN2A-N7LLLHGAEPNC	428	>CDKN2A-N7LLLHGAEPIC	592	164
>CDKN2A-N7LLLHGAEPNC	80	>CDKN2A-N7LLLHGAEPICA	65	15
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>CDKN2A-N7LLLHGAEPNC	294	>CDKN2A-N7LLLHGAEPIC	647	353
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>CDKN2A-P1 LPVDLAEELG	86	>CDKN2A-P1 LHVDLAEELG	15433	15347
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>CDKN2A-P1 RLPVDLAEEL	125	>CDKN2A-P1 RLHVDLAEEL	204	79
>CDKN2A-P1 RLPVDLAEEL	391	>CDKN2A-P1 RLHVDLAEEL	781	390
>CDKN2A-P1 RLPVDLAEEL	15	>CDKN2A-P1 RLHVDLAEEL	12	3
>CDKN2A-P1 GRPVDLAEEL	202	>CDKN2A-P1 GRLHVDLAEEL	151	51
>CDKN2A-P1 GRPVDLAEEL	194	>CDKN2A-P1 GRLHVDLAEEL	167	27
>CDKN2A-P1 GRPVDLAEEL	29	>CDKN2A-P1 GRLHVDLAEEL	50	21
>CDKN2A-P1 AWGRLPVDL	474	>CDKN2A-P1 AWGRLHVDL	156	318
>CDKN2A-P1 AWGRLPVDL	403	>CDKN2A-P1 AWGRLHVDL	480	77
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>CDKN2A-P1 DAWGRLPV	260	>CDKN2A-P1 DAWGRLHV	486	226
>CDKN2A-P1 DAWGRLPV	24	>CDKN2A-P1 DAWGRLHV	85	61
>CDKN2A-P1 VRDAWGRLP	489	>CDKN2A-P1 VRDAWGRLP	4340	3851
>CDKN2A-P1 DVRDAWGRI	277	>CDKN2A-P1 DVRDAWGRI	486	209
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>CDKN2A-P1 RLPVDLAEEL	15	>CDKN2A-P1 RLLVDLAEEL	10	5
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>CDKN2A-P1 AWGRLPVDL	403	>CDKN2A-P1 AWGRLLVDL	516	113
>CDKN2A-P1 AWGRLPVDL	156	>CDKN2A-P1 AWGRLLVDL	330	174
>CDKN2A-P1 DAWGRLPV	260	>CDKN2A-P1 DAWGRLLV	722	462
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>CDKN2A-P1 DVRDAWGRI	208	>CDKN2A-P1 DVRDAWGRI	631	423
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>CDKN2A-P1 LPVDLAEEL	414	>CDKN2A-P1 LSVDLAEEL	25631	25217
>CDKN2A-P1 LPVDLAEEL	16840	>CDKN2A-P1 LSVDLAEEL	11	16829
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>CDKN2A-P1 LPVDLAEEL	407	>CDKN2A-P1 LSVDLAEEL	17005	16598
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>CDKN2A-P1 AWGRLPVDL	474	>CDKN2A-P1 AWGRLSVDL	159	315
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>CDKN2A-P1 DVRDAWGRI	277	>CDKN2A-P1 DVRDAWGRI	476	199
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>CDKN2A-P1 SMEPSADWL	332	>CDKN2A-P1 SMESSADWL	501	169
>CDKN2A-P1 SMEPSADWL	149	>CDKN2A-P1 SMESSADWL	220	71
>CDKN2A-P1 SMEPSADWL	17	>CDKN2A-P1 SMESSADWL	37	20
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>CDKN2A-P1 SSMEPSADW	363	>CDKN2A-P1 SSMESSADW	768	405
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>CDKN2A-P4 RRPIQVMM	120	>CDKN2A-P4 RRRIQVMM	34	86
>CDKN2A-P4 RRPIQVMMM	184	>CDKN2A-P4 RRRIQVMMM	47	137
>CDKN2A-P4 RRPIQVMMM	2331	>CDKN2A-P4 RRRIQVMMM	280	2051
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>CDKN2A-P4 RRPIQVMMM	74	>CDKN2A-P4 RRRIQVMMM	48	26
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>CDKN2A-P4 GRRPIQVM	317	>CDKN2A-P4 GRRRIQVM	346	29
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>CDKN2A-P4 GRRPIQVMV	365	>CDKN2A-P4 GRRRIQVMV	331	34
>CDKN2A-P4 GRRPIQVM	314	>CDKN2A-P4 GRRRIQVM	128	186
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>CDKN2A-P4 YGRRPIQVM	3446	>CDKN2A-P4 YGRRRIQVM	29	3417
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>CDKN2A-P4 NSYGRRPIQV	264	>CDKN2A-P4 NSYGRRRIQV	178	86
>CDKN2A-P4 NSYGRRPIQV	485	>CDKN2A-P4 NSYGRRRIQV	1228	743
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>CDKN2A-P7 LLHGAEPNCA/	278	>CDKN2A-P7 LLHGAEANC/	546	268
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>CDKN2A-P7 AELLLLHGAEI	3352	>CDKN2A-P7 AELLLLHGAEI	142	3210
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>CDKN2A-P7 AELLLLHGAEI	736	>CDKN2A-P7 AELLLLHGAEI	7	729
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>CDKN2A-P7 LLLHGAEPNC	428	>CDKN2A-P7 LLLHGAELNC	868	440
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>CDKN2A-P7 AELLHGAEL	736	>CDKN2A-P7 AELLHGAEL	352	384
>CDKN2A-P7 AEPNCADPA	5501	>CDKN2A-P7 AESNCADPA	431	5070
>CDKN2A-P7 AEPNCADPA	183	>CDKN2A-P7 AESNCADPA	9	174
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>CDKN2A-P7 AEPNCADPA	507	>CDKN2A-P7 AESNCADPA	324	183
>CDKN2A-P7 AEPNCADPA	849	>CDKN2A-P7 AESNCADPA	184	665
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>CDKN2A-P7 AEPNCADPA	480	>CDKN2A-P7 AESNCADPA	13	467

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>CDKN2A-P7 AEPNCADPA	65	>CDKN2A-P7 AESNCADPA	30	35
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>CDKN2A-P7 LLHGAEPNCA	360	>CDKN2A-P7 LLHGAESNCA	377	17
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>CDKN2A-P7 LLLHGAEPNC	121	>CDKN2A-P7 LLLHGAESNC	190	69
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>CDKN2A-P7 DPATLTRPV	485	>CDKN2A-P7 DHATLTRPV	4943	4458
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>CDKN2A-P7 DPATLTRPV	149	>CDKN2A-P7 DHATLTRPV	23956	23807
>CDKN2A-P7 ADPATLTRPV	498	>CDKN2A-P7 ADHATLTRPV	180	318
>CDKN2A-P7 CADPATLTR	353	>CDKN2A-P7 CADHATLTR	509	156
>CDKN2A-P7 NCADPATLTF	284	>CDKN2A-P7 NCADHATLTF	287	3
>CDKN2A-P7 NCADPATL	475	>CDKN2A-P7 NCADHATL	1298	823
>CDKN2A-P7 NCADPATLTF	233	>CDKN2A-P7 NCADHATLTF	128	105
>CDKN2A-P7 EPNCADPATL	353	>CDKN2A-P7 EPNCADHATI	337	16
>CDKN2A-P7 EPNCADPA	53	>CDKN2A-P7 EPNCADHA	921	868
>CDKN2A-P7 EPNCADPAT	16	>CDKN2A-P7 EPNCADHAT	17	1
>CDKN2A-P7 EPNCADPATL	279	>CDKN2A-P7 EPNCADHATI	193	86
>CDKN2A-P7 EPNCADPA	43	>CDKN2A-P7 EPNCADHA	168	125
>CDKN2A-P7 EPNCADPAT	371	>CDKN2A-P7 EPNCADHAT	532	161

>CDKN2A-P7 AEPNCADPA	183	>CDKN2A-P7 AEPNCADHA	96	87
>CDKN2A-P7 AEPNCADPA	209	>CDKN2A-P7 AEPNCADHA	2773	2564
>CDKN2A-P7 AEPNCADPA	507	>CDKN2A-P7 AEPNCADHA	215	292
>CDKN2A-P7 AEPNCADPA	480	>CDKN2A-P7 AEPNCADHA	1414	934
>CDKN2A-P7 AEPNCADPA	230	>CDKN2A-P7 AEPNCADHA	191	39
>CDKN2A-P7 AEPNCADPA	65	>CDKN2A-P7 AEPNCADHA	122	57
>CDKN2A-P7 HGAEPNCAD	272	>CDKN2A-P7 HGAEPNCAD	964	692
>CDKN2A-P7 DPATLTRPV	20049	>CDKN2A-P7 DLATLTRPV	210	19839
>CDKN2A-P7 DPATLTRPV	29179	>CDKN2A-P7 DLATLTRPV	313	28866
>CDKN2A-P7 DPATLTRPV	24925	>CDKN2A-P7 DLATLTRPV	178	24747
>CDKN2A-P7 DPATLTRPV	23793	>CDKN2A-P7 DLATLTRPV	171	23622
>CDKN2A-P7 DPATLTRPV	35536	>CDKN2A-P7 DLATLTRPV	78	35458
>CDKN2A-P7 DPATLTRPV	485	>CDKN2A-P7 DLATLTRPV	47	438
>CDKN2A-P7 DPATLTRPV	197	>CDKN2A-P7 DLATLTRPV	87	110
>CDKN2A-P7 DPATLTRPV	149	>CDKN2A-P7 DLATLTRPV	21372	21223
>CDKN2A-P7 ADPATLTRPV	498	>CDKN2A-P7 ADLATLTRPV	65	433
>CDKN2A-P7 CADPATLTR	353	>CDKN2A-P7 CADLATLTR	491	138
>CDKN2A-P7 NCADPATL	1919	>CDKN2A-P7 NCADLATL	382	1537
>CDKN2A-P7 NCADPATLTF	284	>CDKN2A-P7 NCADLATLTR	240	44
>CDKN2A-P7 NCADPATL	475	>CDKN2A-P7 NCADLATL	546	71
>CDKN2A-P7 NCADPATLTF	233	>CDKN2A-P7 NCADLATLTR	101	132
>CDKN2A-P7 EPNCADPATL	353	>CDKN2A-P7 EPNCADLATL	603	250
>CDKN2A-P7 EPNCADPA	53	>CDKN2A-P7 EPNCADLA	465	412
>CDKN2A-P7 EPNCADPAT	16	>CDKN2A-P7 EPNCADLAT	14	2
>CDKN2A-P7 EPNCADPATL	279	>CDKN2A-P7 EPNCADLATL	208	71
>CDKN2A-P7 EPNCADPA	43	>CDKN2A-P7 EPNCADLA	109	66
>CDKN2A-P7 EPNCADPAT	371	>CDKN2A-P7 EPNCADLAT	3013	2642
>CDKN2A-P7 AEPNCADPA	183	>CDKN2A-P7 AEPNCADLAT	109	74
>CDKN2A-P7 AEPNCADPA	209	>CDKN2A-P7 AEPNCADLA	1462	1253
>CDKN2A-P7 AEPNCADPA	507	>CDKN2A-P7 AEPNCADLAT	459	48
>CDKN2A-P7 AEPNCADPA	480	>CDKN2A-P7 AEPNCADLA	1197	717
>CDKN2A-P7 AEPNCADPA	230	>CDKN2A-P7 AEPNCADLAT	159	71
>CDKN2A-P7 AEPNCADPA	609	>CDKN2A-P7 AEPNCADLA	449	160
>CDKN2A-P7 AEPNCADPA	65	>CDKN2A-P7 AEPNCADLAT	31	34
>CDKN2A-P7 HGAEPNCAD	272	>CDKN2A-P7 HGAEPNCAD	843	571
>CDKN2A-P7 PATLTRPV	10266	>CDKN2A-P7 SATLTRPV	362	9904
>CDKN2A-P7 DPATLTRPV	485	>CDKN2A-P7 DSATLTRPV	15	470
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>CDKN2A-P7 DPATLTRPV	149	>CDKN2A-P7 DSATLTRPV	21682	21533
>CDKN2A-P7 ADPATLTRPV	498	>CDKN2A-P7 ADSATLTRPV	111	387
>CDKN2A-P7 CADPATLTR	353	>CDKN2A-P7 CADSATLTR	237	116
>CDKN2A-P7 CADPATLTRP	585	>CDKN2A-P7 CADSATLTRP	445	140
>CDKN2A-P7 NCADPATLTF	284	>CDKN2A-P7 NCADSATLTR	456	172

>CDKN2A-P7 NCADPATL	475	>CDKN2A-P7 NCADSATL	662	187
>CDKN2A-P7 NCADPATLTF	233	>CDKN2A-P7 NCADSATLTR	214	19
>CDKN2A-P7 EPNCADPATL	353	>CDKN2A-P7 EPNCADSATL	636	283
>CDKN2A-P7 EPNCADPA	53	>CDKN2A-P7 EPNCADSA	141	88
>CDKN2A-P7 EPNCADPAT	16	>CDKN2A-P7 EPNCADSAT	14	2
>CDKN2A-P7 EPNCADPATL	279	>CDKN2A-P7 EPNCADSATL	220	59
>CDKN2A-P7 EPNCADPA	43	>CDKN2A-P7 EPNCADSA	127	84
>CDKN2A-P7 EPNCADPAT	371	>CDKN2A-P7 EPNCADSAT	1564	1193
>CDKN2A-P7 AEPNCADPA	183	>CDKN2A-P7 AEPNCADSA	111	72
>CDKN2A-P7 AEPNCADPA	209	>CDKN2A-P7 AEPNCADSA	375	166
>CDKN2A-P7 AEPNCADPA	507	>CDKN2A-P7 AEPNCADSA	499	8
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>CDKN2A-P7 AEPNCADPA	230	>CDKN2A-P7 AEPNCADSA	192	38
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>CDKN2A-P8 PVHDAAREG	1915	>CDKN2A-P8 HVHDAAREG	364	1551
>CDKN2A-P8 PVHDAAREG	8782	>CDKN2A-P8 HVHDAAREG	395	8387
>CDKN2A-P8 PVHDAAREG	1934	>CDKN2A-P8 HVHDAAREG	32	1902
>CDKN2A-P8 PVHDAAREG	12893	>CDKN2A-P8 HVHDAAREG	131	12762
>CDKN2A-P8 PVHDAAREG	7697	>CDKN2A-P8 HVHDAAREG	329	7368
>CDKN2A-P8 PVHDAAREG	10305	>CDKN2A-P8 HVHDAAREG	135	10170
>CDKN2A-P8 RPHVHDAAREG	58	>CDKN2A-P8 RHVHDAAREG	24832	24774
>CDKN2A-P8 RPHVHDAAREG	287	>CDKN2A-P8 RHVHDAAREG	23	264
>CDKN2A-P8 RPHVHDAAREG	112	>CDKN2A-P8 RHVHDAAREG	17230	17118
>CDKN2A-P8 RPHVHDAAREG	3941	>CDKN2A-P8 RHVHDAAREG	138	3803
>CDKN2A-P8 RPHVHDAAR	319	>CDKN2A-P8 RHVHDAAR	271	48
>CDKN2A-P8 LTRPVHDA	48	>CDKN2A-P8 LTRHVHDA	44	4
>CDKN2A-P8 LTRPVHDAA	24	>CDKN2A-P8 LTRHVHDAA	27	3
>CDKN2A-P8 LTRPVHDAAF	56	>CDKN2A-P8 LTRHVHDAAF	62	6
>CDKN2A-P8 LTRPVHDAAF	107	>CDKN2A-P8 LTRHVHDAAF	96	11
>CDKN2A-P8 LTRPVHDAAF	47	>CDKN2A-P8 LTRHVHDAAF	138	91
>CDKN2A-P8 TLTRPVHDA	660	>CDKN2A-P8 TLTRHVHDA	69	591
>CDKN2A-P8 TLTRPVHDAA	280	>CDKN2A-P8 TLTRHVHDAA	515	235
>CDKN2A-P8 TLTRPVHDA	12	>CDKN2A-P8 TLTRHVHDA	12	0
>CDKN2A-P8 TLTRPVHDAA	88	>CDKN2A-P8 TLTRHVHDAA	134	46
>CDKN2A-P8 TLTRPVHDAA	159	>CDKN2A-P8 TLTRHVHDAA	71	88
>CDKN2A-P8 TLTRPVHDAA	411	>CDKN2A-P8 TLTRHVHDAA	479	68
>CDKN2A-P8 TLTRPVHDAA	68	>CDKN2A-P8 TLTRHVHDAA	93	25
>CDKN2A-P8 ATLTRPVHDA	970	>CDKN2A-P8 ATLTRHVHDA	371	599
>CDKN2A-P8 ATLTRPVHDA	506	>CDKN2A-P8 ATLTRHVHDA	273	233
>CDKN2A-P8 DPATLTRPV	485	>CDKN2A-P8 DPATLTRHV	1959	1474
>CDKN2A-P8 DPATLTRPV	197	>CDKN2A-P8 DPATLTRHV	853	656
>CDKN2A-P8 DPATLTRPV	149	>CDKN2A-P8 DPATLTRHV	4331	4182

>CDKN2A-P8 ADPATLTRPV	498	>CDKN2A-P8 ADPATLTRHV	690	192
>CDKN2A-P8 PVHDAAREG	8635	>CDKN2A-P8 LVHDAAREGI	412	8223
>CDKN2A-P8 PVHDAAREG	1934	>CDKN2A-P8 LVHDAAREGI	305	1629
>CDKN2A-P8 PVHDAAREG	7697	>CDKN2A-P8 LVHDAAREGI	122	7575
>CDKN2A-P8 PVHDAAREG	10305	>CDKN2A-P8 LVHDAAREGI	117	10188
>CDKN2A-P8 RRVHDAAR	2840	>CDKN2A-P8 RLVHDAAR	50	2790
>CDKN2A-P8 RRVHDAAREC	15897	>CDKN2A-P8 RLVHDAAREC	158	15739
>CDKN2A-P8 RRVHDAAREC	58	>CDKN2A-P8 RLVHDAAREC	20095	20037
>CDKN2A-P8 RRVHDAAREC	8849	>CDKN2A-P8 RLVHDAAREC	78	8771
>CDKN2A-P8 RRVHDAAREC	287	>CDKN2A-P8 RLVHDAAREC	39	248
>CDKN2A-P8 RRVHDAAREC	2142	>CDKN2A-P8 RLVHDAAREC	76	2066
>CDKN2A-P8 RRVHDAAREC	112	>CDKN2A-P8 RLVHDAAREC	9879	9767
>CDKN2A-P8 RRVHDAAR	319	>CDKN2A-P8 RLVHDAAR	112	207
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>CDKN2A-P8 LTRPVHDAA	24	>CDKN2A-P8 LTRLVHDAA	55	31
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>CDKN2A-P8 LTRPVHDAAF	107	>CDKN2A-P8 LTRLVHDAAF	79	28
>CDKN2A-P8 LTRPVHDAAF	47	>CDKN2A-P8 LTRLVHDAAF	69	22
>CDKN2A-P8 TLTRPVHDA	660	>CDKN2A-P8 TLTRLVHDA	245	415
>CDKN2A-P8 TLTRPVHDAA	611	>CDKN2A-P8 TLTRLVHDAA	411	200
>CDKN2A-P8 TLTRPVHDAA	280	>CDKN2A-P8 TLTRLVHDAA	603	323
>CDKN2A-P8 TLTRPVHDA	694	>CDKN2A-P8 TLTRLVHDA	199	495
>CDKN2A-P8 TLTRPVHDA	12	>CDKN2A-P8 TLTRLVHDA	12	0
>CDKN2A-P8 TLTRPVHDAA	88	>CDKN2A-P8 TLTRLVHDAA	158	70
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>CDKN2A-P8 TLTRPVHDAA	411	>CDKN2A-P8 TLTRLVHDAA	269	142
>CDKN2A-P8 TLTRPVHDAA	68	>CDKN2A-P8 TLTRLVHDAA	67	1
>CDKN2A-P8 ATLTRPVHDA	1556	>CDKN2A-P8 ATLTRLVHDA	359	1197
>CDKN2A-P8 DPATLTRPV	485	>CDKN2A-P8 DPATLTRLV	1552	1067
>CDKN2A-P8 DPATLTRPV	197	>CDKN2A-P8 DPATLTRLV	664	467
>CDKN2A-P8 DPATLTRPV	149	>CDKN2A-P8 DPATLTRLV	4245	4096
>CDKN2A-P8 ADPATLTRPV	498	>CDKN2A-P8 ADPATLTRLV	163	335
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>CDKN2A-P8 PVHDAAREG	1915	>CDKN2A-P8 SVHDAAREGI	341	1574
>CDKN2A-P8 PVHDAAREG	1934	>CDKN2A-P8 SVHDAAREGI	113	1821
>CDKN2A-P8 PVHDAAREG	12893	>CDKN2A-P8 SVHDAAREGI	409	12484
>CDKN2A-P8 PVHDAAREG	7697	>CDKN2A-P8 SVHDAAREGI	246	7451
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>CDKN2A-P8 RRVHDAAREC	8751	>CDKN2A-P8 RSVHDAAREC	465	8286
>CDKN2A-P8 RRVHDAAR	2840	>CDKN2A-P8 RSVHDAAR	34	2806
>CDKN2A-P8 RRVHDAAREC	15897	>CDKN2A-P8 RSVHDAAREC	262	15635
>CDKN2A-P8 RRVHDAAR	8172	>CDKN2A-P8 RSVHDAAR	491	7681

>CDKN2A-P8 RPVHDAAREC	58	>CDKN2A-P8 RSVHDAAREC	22738	22680
>CDKN2A-P8 RPVHDAAREC	8849	>CDKN2A-P8 RSVHDAAREC	158	8691
>CDKN2A-P8 RPVHDAAREC	287	>CDKN2A-P8 RSVHDAAREC	29	258
>CDKN2A-P8 RPVHDAARE	20087	>CDKN2A-P8 RSVHDAARE	226	19861
>CDKN2A-P8 RPVHDAAREC	2142	>CDKN2A-P8 RSVHDAAREC	4	2138
>CDKN2A-P8 RPVHDAAREC	112	>CDKN2A-P8 RSVHDAAREC	7539	7427
>CDKN2A-P8 RPVHDAAREC	17572	>CDKN2A-P8 RSVHDAAREC	128	17444
>CDKN2A-P8 RPVHDAAREC	15705	>CDKN2A-P8 RSVHDAAREC	22	15683
>CDKN2A-P8 RPVHDAAREC	3912	>CDKN2A-P8 RSVHDAAREC	149	3763
>CDKN2A-P8 RPVHDAAR	319	>CDKN2A-P8 RSVHDAAR	453	134
>CDKN2A-P8 LTRPVHDA	48	>CDKN2A-P8 LTRSVHDA	59	11
>CDKN2A-P8 LTRPVHDAA	24	>CDKN2A-P8 LTRSVHDAA	39	15
>CDKN2A-P8 LTRPVHDAAF	56	>CDKN2A-P8 LTRSVHDAAF	94	38
>CDKN2A-P8 LTRPVHDAAF	107	>CDKN2A-P8 LTRSVHDAAF	91	16
>CDKN2A-P8 LTRPVHDAAF	47	>CDKN2A-P8 LTRSVHDAAF	33	14
>CDKN2A-P8 LTRPVHDAA	583	>CDKN2A-P8 LTRSVHDAA	221	362
>CDKN2A-P8 LTRPVHDAAF	583	>CDKN2A-P8 LTRSVHDAAF	285	298
>CDKN2A-P8 TLTRPVHDA	660	>CDKN2A-P8 TLTRSVHDA	174	486
>CDKN2A-P8 TLTRPVHDAA	611	>CDKN2A-P8 TLTRSVHDAA	498	113
>CDKN2A-P8 TLTRPVHDAA	280	>CDKN2A-P8 TLTRSVHDAA	522	242
>CDKN2A-P8 TLTRPVHDA	694	>CDKN2A-P8 TLTRSVHDA	378	316
>CDKN2A-P8 TLTRPVHDA	12	>CDKN2A-P8 TLTRSVHDA	8	4
>CDKN2A-P8 TLTRPVHDAA	88	>CDKN2A-P8 TLTRSVHDAA	85	3
>CDKN2A-P8 TLTRPVHDAA	159	>CDKN2A-P8 TLTRSVHDAA	119	40
>CDKN2A-P8 TLTRPVHDAA	411	>CDKN2A-P8 TLTRSVHDAA	498	87
>CDKN2A-P8 TLTRPVHDAA	68	>CDKN2A-P8 TLTRSVHDAA	45	23
>CDKN2A-P8 ATLTRPVHDA	970	>CDKN2A-P8 ATLTRSVHDA	420	550
>CDKN2A-P8 ATLTRPVHDA	506	>CDKN2A-P8 ATLTRSVHDA	378	128
>CDKN2A-P8 DPATLTRPV	485	>CDKN2A-P8 DPATLTRSV	1812	1327
>CDKN2A-P8 DPATLTRPV	197	>CDKN2A-P8 DPATLTRSV	574	377
>CDKN2A-P8 DPATLTRPV	149	>CDKN2A-P8 DPATLTRSV	347	198
>CDKN2A-P8 ADPATLTRPV	498	>CDKN2A-P8 ADPATLTRSV	582	84
>CDKN2A-Q5 QVMMMGSA	873	>CDKN2A-Q5 RVMMMGSA	311	562
>CDKN2A-Q5 QVMMMGSA	419	>CDKN2A-Q5 RVMMMGSA	290	129
>CDKN2A-Q5 QVMMMGSA	298	>CDKN2A-Q5 RVMMMGSA	84	214
>CDKN2A-Q5 QVMMMGSA	61	>CDKN2A-Q5 RVMMMGSA	37	24
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>CDKN2A-Q5 QVMMMGSA	313	>CDKN2A-Q5 RVMMMGSA	166	147
>CDKN2A-Q5 QVMMMGSA	731	>CDKN2A-Q5 RVMMMGSA	78	653
>CDKN2A-Q5 QVMMMGSA	2036	>CDKN2A-Q5 RVMMMGSA	406	1630
>CDKN2A-Q5 QVMMMGSA	248	>CDKN2A-Q5 RVMMMGSA	108	140
>CDKN2A-Q5 QVMMMGSA	41	>CDKN2A-Q5 RVMMMGSA	19	22
>CDKN2A-Q5 QVMMMGSA	2770	>CDKN2A-Q5 RVMMMGSA	189	2581

>CDKN2A-Q5 QVMMMGS/	114	>CDKN2A-Q5 RVMMMGS/	30	84
>CDKN2A-Q5 QVMMMGS/	3780	>CDKN2A-Q5 RVMMMGS/	80	3700
>CDKN2A-Q5 QVMMMGS/	4127	>CDKN2A-Q5 RVMMMGS/	117	4010
>CDKN2A-Q5 QVMMMGS/	4859	>CDKN2A-Q5 RVMMMGS/	125	4734
>CDKN2A-Q5 QVMMMGS/	55	>CDKN2A-Q5 RVMMMGS/	8	47
>CDKN2A-Q5 QVMMMGS/	218	>CDKN2A-Q5 RVMMMGS/	801	583
>CDKN2A-Q5 QVMMMGS/	20	>CDKN2A-Q5 RVMMMGS/	114	94
>CDKN2A-Q5 QVMMMGS/	167	>CDKN2A-Q5 RVMMMGS/	3236	3069
>CDKN2A-Q5 QVMMMGS/	215	>CDKN2A-Q5 RVMMMGS/	192	23
>CDKN2A-Q5 QVMMMGS/	78	>CDKN2A-Q5 RVMMMGS/	974	896
>CDKN2A-Q5 QVMMMGS/	6298	>CDKN2A-Q5 RVMMMGS/	219	6079
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>CDKN2A-Q5 QVMMMGS/	3451	>CDKN2A-Q5 RVMMMGS/	176	3275
>CDKN2A-Q5 IQVMMMGS/	167	>CDKN2A-Q5 IRVMMMGS/	10744	10577
>CDKN2A-Q5 IQVMMMGS/	42	>CDKN2A-Q5 IRVMMMGS/	8792	8750
>CDKN2A-Q5 IQVMMMGS/	87	>CDKN2A-Q5 IRVMMMGS/	18530	18443
>CDKN2A-Q5 IQVMMMGS/	16	>CDKN2A-Q5 IRVMMMGS/	11522	11506
>CDKN2A-Q5 IQVMMMGS/	120	>CDKN2A-Q5 IRVMMMGS/	650	530
>CDKN2A-Q5 IQVMMMGS/	240	>CDKN2A-Q5 IRVMMMGS/	415	175
>CDKN2A-Q5 IQVMMMGS/	117	>CDKN2A-Q5 IRVMMMGS/	817	700
>CDKN2A-Q5 IQVMMMGS/	187	>CDKN2A-Q5 IRVMMMGS/	769	582
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>CDKN2A-Q5 PIQVMMMG	12597	>CDKN2A-Q5 PIRVMMMG/	301	12296
>CDKN2A-Q5 RPIQVMMM	109	>CDKN2A-Q5 RPIRVMMM	94	15
>CDKN2A-Q5 RPIQVMMM	18	>CDKN2A-Q5 RPIRVMMM	17	1
>CDKN2A-Q5 RPIQVMMM/	23	>CDKN2A-Q5 RPIRVMMM/	31	8
>CDKN2A-Q5 RPIQVMMM	109	>CDKN2A-Q5 RPIRVMMM	461	352
>CDKN2A-Q5 RPIQVMMM/	288	>CDKN2A-Q5 RPIRVMMM/	1104	816
>CDKN2A-Q5 RPIQVMMM/	134	>CDKN2A-Q5 RPIRVMMM/	96	38
>CDKN2A-Q5 RPIQVMMM	391	>CDKN2A-Q5 RPIRVMMM	364	27
>CDKN2A-Q5 RRPIQVMM	439	>CDKN2A-Q5 RRPVMM	594	155
>CDKN2A-Q5 RRPIQVMM	120	>CDKN2A-Q5 RRPVMM	86	34
>CDKN2A-Q5 RRPIQVMM	184	>CDKN2A-Q5 RRPVMM	112	72
>CDKN2A-Q5 RRPIQVMM	131	>CDKN2A-Q5 RRPVMM	60	71
>CDKN2A-Q5 RRPIQVMM	163	>CDKN2A-Q5 RRPVMM	97	66
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>CDKN2A-Q5 RRPIQVMM	659	>CDKN2A-Q5 RRPVMM	430	229
>CDKN2A-Q5 RRPIQVMM	319	>CDKN2A-Q5 RRPVMM	284	35
>CDKN2A-Q5 RRPIQVMM	74	>CDKN2A-Q5 RRPVMM	25	49
>CDKN2A-Q5 RRPIQVMM	238	>CDKN2A-Q5 RRPVMM	166	72
>CDKN2A-Q5 RRPIQVMM	767	>CDKN2A-Q5 RRPVMM	279	488
>CDKN2A-Q5 GRRPIQVM	317	>CDKN2A-Q5 GRRPVMM	576	259
>CDKN2A-Q5 GRRPIQVM	485	>CDKN2A-Q5 GRRPVMM	477	8



>CDKN2A-Q5 GRRPIQVMM	365	>CDKN2A-Q5 GRRPIRVMM	395	30
>CDKN2A-Q5 GRRPIQVM	314	>CDKN2A-Q5 GRRPIRVMM	229	85
>CDKN2A-Q5 GRRPIQVMM	115	>CDKN2A-Q5 GRRPIRVMM	96	19
>CDKN2A-Q5 GRRPIQVMM	203	>CDKN2A-Q5 GRRPIRVMM	234	31
>CDKN2A-Q5 GRRPIQVMM	250	>CDKN2A-Q5 GRRPIRVMM	199	51
>CDKN2A-Q5 GRRPIQVMM	213	>CDKN2A-Q5 GRRPIRVMM	113	100
>CDKN2A-Q5 GRRPIQVMM	455	>CDKN2A-Q5 GRRPIRVMM	395	60
>CDKN2A-Q5 GRRPIQVMM	34	>CDKN2A-Q5 GRRPIRVMM	17	17
>CDKN2A-Q5 GRRPIQVMM	222	>CDKN2A-Q5 GRRPIRVMM	140	82
>CDKN2A-Q5 YGRRPIQVM	395	>CDKN2A-Q5 YGRRPIRVMM	184	211
>CDKN2A-Q5 YGRRPIQVM	343	>CDKN2A-Q5 YGRRPIRVMM	787	444
>CDKN2A-Q5 YGRRPIQVM	262	>CDKN2A-Q5 YGRRPIRVMM	834	572
>CDKN2A-Q5 YGRRPIQVMI	425	>CDKN2A-Q5 YGRRPIRVMM	669	244
>CDKN2A-Q5 YGRRPIQVM	44	>CDKN2A-Q5 YGRRPIRVMM	56	12
>CDKN2A-Q5 YGRRPIQVMI	45	>CDKN2A-Q5 YGRRPIRVMM	67	22
>CDKN2A-Q5 YGRRPIQVMI	37	>CDKN2A-Q5 YGRRPIRVMM	33	4
>CDKN2A-Q5 SYGRRPIQVM	136	>CDKN2A-Q5 SYGRRPIRVMM	465	329
>CDKN2A-Q5 SYGRRPIQVM	74	>CDKN2A-Q5 SYGRRPIRVMM	103	29
>CDKN2A-Q5 SYGRRPIQ	15466	>CDKN2A-Q5 SYGRRPIRV	90	15376
>CDKN2A-Q5 SYGRRPIQ	7174	>CDKN2A-Q5 SYGRRPIRV	43	7131
>CDKN2A-Q5 NSYGRRPIQV	264	>CDKN2A-Q5 NSYGRRPIRV	435	171
>CDKN2A-Q5 NSYGRRPIQV	485	>CDKN2A-Q5 NSYGRRPIRV	611	126
>CDKN2A-Q5 NSYGRRPIQ	15310	>CDKN2A-Q5 NSYGRRPIRV	83	15227
>CDKN2A-Q5 NSYGRRPIQ	17047	>CDKN2A-Q5 NSYGRRPIRV	106	16941
>CDKN2A-Q5 NSYGRRPIQ	2693	>CDKN2A-Q5 NSYGRRPIRV	32	2661
>CDKN2A-Q5 NSYGRRPIQV	408	>CDKN2A-Q5 NSYGRRPIRV	1156	748
>CDKN2A-Q5 NSYGRRPIQV	132	>CDKN2A-Q5 NSYGRRPIRV	194	62
>CDKN2A-Q5 NSYGRRPIQV	495	>CDKN2A-Q5 NSYGRRPIRV	837	342
>CDKN2A-Q5 NSYGRRPIQV	251	>CDKN2A-Q5 NSYGRRPIRV	301	50
>CDKN2A-R1 RLDVRDAWC	122	>CDKN2A-R1 QLDVRDAWC	889	767
>CDKN2A-R1 RLDVRDAWC	227	>CDKN2A-R1 QLDVRDAWC	1468	1241
>CDKN2A-R1 RLDVRDAWC	91	>CDKN2A-R1 QLDVRDAWC	234	143
>CDKN2A-R1 RLDVRDAWC	120	>CDKN2A-R1 QLDVRDAWC	969	849
>CDKN2A-R1 RLDVRDAW	274	>CDKN2A-R1 QLDVRDAW	5421	5147
>CDKN2A-R1 RLDVRDAWC	92	>CDKN2A-R1 QLDVRDAWC	403	311
>CDKN2A-R1 RLDVRDAWC	293	>CDKN2A-R1 QLDVRDAWC	922	629
>CDKN2A-R1 ARLDVRDA	19341	>CDKN2A-R1 AQLDVRDA	248	19093
>CDKN2A-R1 ARLDVRDAW	11771	>CDKN2A-R1 AQLDVRDAW	187	11584
>CDKN2A-R1 ARLDVRDAW	89	>CDKN2A-R1 AQLDVRDAW	1515	1426
>CDKN2A-R1 ARLDVRDAW	1541	>CDKN2A-R1 AQLDVRDAW	435	1106
>CDKN2A-R1 ARLDVRDAW	117	>CDKN2A-R1 AQLDVRDAW	825	708
>CDKN2A-R1 TLVVLHRAGA	209	>CDKN2A-R1 TLVVLHRAGA	18091	17882
>CDKN2A-R1 TLVVLHRAGA	185	>CDKN2A-R1 TLVVLHRAGA	16993	16808

>CDKN2A-R1 GARLDVRDA'	457	>CDKN2A-R1 GAQLDVRDA	1658	1201
>CDKN2A-R1 AGARLDVRD,	289	>CDKN2A-R1 AGAQLDVRD	465	176
>CDKN2A-R1 RAGARLDVR	90	>CDKN2A-R1 RAGAQLDVR	238	148
>CDKN2A-R1 HRAGARLDV	197	>CDKN2A-R1 HRAGAQLDV	239	42
>CDKN2A-R1 HRAGARLDVI	101	>CDKN2A-R1 HRAGAQLDV	88	13
>CDKN2A-R1 VLHRAGARL	371	>CDKN2A-R1 VLHRAGAQL	230	141
>CDKN2A-R1 VLHRAGARL	156	>CDKN2A-R1 VLHRAGAQL	96	60
>CDKN2A-R1 VLHRAGARLI	77	>CDKN2A-R1 VLHRAGAQLI	46	31
>CDKN2A-R1 VLHRAGARL	21	>CDKN2A-R1 VLHRAGAQL	17	4
>CDKN2A-R1 VLHRAGARLI	36	>CDKN2A-R1 VLHRAGAQLI	14	22
>CDKN2A-R1 VLHRAGARL	269	>CDKN2A-R1 VLHRAGAQL	246	23
>CDKN2A-R1 VLHRAGARLI	346	>CDKN2A-R1 VLHRAGAQLI	101	245
>CDKN2A-R1 VLHRAGARL	358	>CDKN2A-R1 VLHRAGAQL	153	205
>CDKN2A-R1 VLHRAGARLI	33	>CDKN2A-R1 VLHRAGAQLI	16	17
>CDKN2A-R1 VLHRAGARLI	1296	>CDKN2A-R1 VLHRAGAQLI	263	1033
>CDKN2A-R1 VLHRAGARL	6	>CDKN2A-R1 VLHRAGAQL	5	1
>CDKN2A-R1 VLHRAGARLI	3	>CDKN2A-R1 VLHRAGAQLI	3	0
>CDKN2A-R1 VLHRAGAR	299	>CDKN2A-R1 VLHRAGAQ	20348	20049
>CDKN2A-R1 VVLHRAGAR	225	>CDKN2A-R1 VVLHRAGAQ	21375	21150
>CDKN2A-R1 VVLHRAGARI	129	>CDKN2A-R1 VVLHRAGAQ	89	40
>CDKN2A-R1 LVVLHRAGAF	250	>CDKN2A-R1 LVVLHRAGAC	444	194
>CDKN2A-R1 LVVLHRAGAF	127	>CDKN2A-R1 LVVLHRAGAC	18467	18340
>CDKN2A-R1 LVVLHRAGAF	287	>CDKN2A-R1 LVVLHRAGAC	30067	29780
>CDKN2A-R1 LVVLHRAGAF	435	>CDKN2A-R1 LVVLHRAGAC	314	121
>CDKN2A-R1 VRDAWGRLP	2895	>CDKN2A-R1 VCDAWGRLP	331	2564
>CDKN2A-R1 VRDAWGRLP	489	>CDKN2A-R1 VCDAWGRLP	15998	15509
>CDKN2A-R1 DVRDAWGRI	456	>CDKN2A-R1 DVCDAWGRI	637	181
>CDKN2A-R1 DVRDAWGRI	644	>CDKN2A-R1 DVCDAWGRI	247	397
>CDKN2A-R1 DVRDAWGRI	277	>CDKN2A-R1 DVCDAWGRI	9825	9548
>CDKN2A-R1 DVRDAWGR	17	>CDKN2A-R1 DVCDAWGR	21	4
>CDKN2A-R1 DVRDAWGR	62	>CDKN2A-R1 DVCDAWGR	16	46
>CDKN2A-R1 DVRDAWGRI	4223	>CDKN2A-R1 DVCDAWGRI	407	3816
>CDKN2A-R1 DVRDAWGRI	208	>CDKN2A-R1 DVCDAWGRI	30	178
>CDKN2A-R1 DVRDAWGRI	198	>CDKN2A-R1 DVCDAWGRI	74	124
>CDKN2A-R1 LDVRDAWGF	477	>CDKN2A-R1 LDVCDAWGF	455	22
>CDKN2A-R1 RLDVRDAWC	802	>CDKN2A-R1 RLDVCDAWC	382	420
>CDKN2A-R1 RLDVRDAWC	122	>CDKN2A-R1 RLDVCDAWC	137	15
>CDKN2A-R1 RLDVRDAWC	805	>CDKN2A-R1 RLDVCDAWC	463	342
>CDKN2A-R1 RLDVRDAWC	227	>CDKN2A-R1 RLDVCDAWC	184	43
>CDKN2A-R1 RLDVRDAWC	91	>CDKN2A-R1 RLDVCDAWC	88	3
>CDKN2A-R1 RLDVRDAWC	120	>CDKN2A-R1 RLDVCDAWC	92	28
>CDKN2A-R1 RLDVRDAW	274	>CDKN2A-R1 RLDVCDAW	172	102
>CDKN2A-R1 RLDVRDAWC	92	>CDKN2A-R1 RLDVCDAWC	65	27

>CDKN2A-R1 RLDVRDAWC	293	>CDKN2A-R1 RLDVCDAWC	104	189
>CDKN2A-R1 ARLDVRDAW	89	>CDKN2A-R1 ARLDVCDAW	263	174
>CDKN2A-R1 ARLDVRDAW	117	>CDKN2A-R1 ARLDVCDAW	190	73
>CDKN2A-R1 GARLDVRDA'	604	>CDKN2A-R1 GARLDVCDA'	440	164
>CDKN2A-R1 GARLDVRDA'	457	>CDKN2A-R1 GARLDVCDA'	922	465
>CDKN2A-R1 AGARLDVRD,	289	>CDKN2A-R1 AGARLDVCD,	428	139
>CDKN2A-R1 RAGARLDVR	90	>CDKN2A-R1 RAGARLDVC	20881	20791
>CDKN2A-R1 HRAGARLDV(	101	>CDKN2A-R1 HRAGARLDV(	1466	1365
>CDKN2A-R1 RLPVDLAEEL	99	>CDKN2A-R1 GLPVDLAEEL	91	8
>CDKN2A-R1 RLPVDLAEEL	38	>CDKN2A-R1 GLPVDLAEEL	81	43
>CDKN2A-R1 RLPVDLAEEL	165	>CDKN2A-R1 GLPVDLAEEL	93	72
>CDKN2A-R1 RLPVDLAEEL	125	>CDKN2A-R1 GLPVDLAEEL	70	55
>CDKN2A-R1 RLPVDLAEEL	391	>CDKN2A-R1 GLPVDLAEEL	883	492
>CDKN2A-R1 RLPVDLAEEL	15	>CDKN2A-R1 GLPVDLAEEL	14	1
>CDKN2A-R1 GRLPVDLAE	202	>CDKN2A-R1 GGLPVDLAE	24643	24441
>CDKN2A-R1 GRLPVDLAE	194	>CDKN2A-R1 GGLPVDLAE	22057	21863
>CDKN2A-R1 GRLPVDLAE	29	>CDKN2A-R1 GGLPVDLAE	17420	17391
>CDKN2A-R1 ARLDVRDAW	89	>CDKN2A-R1 ARLDVRDAW	2490	2401
>CDKN2A-R1 AWGRLPVDL	474	>CDKN2A-R1 AWGGLPVDL	395	79
>CDKN2A-R1 AWGRLPVDL	403	>CDKN2A-R1 AWGGLPVDL	371	32
>CDKN2A-R1 AWGRLPVDL	156	>CDKN2A-R1 AWGGLPVDL	122	34
>CDKN2A-R1 DAWGRLPV	260	>CDKN2A-R1 DAWGGLPV	370	110
>CDKN2A-R1 DAWGRLPV	24	>CDKN2A-R1 DAWGGLPV	11	13
>CDKN2A-R1 VRDAWGRLP	489	>CDKN2A-R1 VRDAWGGLF	625	136
>CDKN2A-R1 DVRDAWGRI	456	>CDKN2A-R1 DVRDAWGGI	81	375
>CDKN2A-R1 DVRDAWGRI	277	>CDKN2A-R1 DVRDAWGGI	570	293
>CDKN2A-R1 DVRDAWGR	17	>CDKN2A-R1 DVRDAWGG	17690	17673
>CDKN2A-R1 DVRDAWGR	62	>CDKN2A-R1 DVRDAWGG	35018	34956
>CDKN2A-R1 DVRDAWGRI	208	>CDKN2A-R1 DVRDAWGGI	483	275
>CDKN2A-R1 DVRDAWGRI	198	>CDKN2A-R1 DVRDAWGGI	135	63
>CDKN2A-R1 LDVRDAWGF	477	>CDKN2A-R1 LDVRDAWGC	426	51
>CDKN2A-R1 RLDVRDAWC	1671	>CDKN2A-R1 RLDVRDAWC	472	1199
>CDKN2A-R1 RLDVRDAWC	122	>CDKN2A-R1 RLDVRDAWC	82	40
>CDKN2A-R1 RLDVRDAWC	805	>CDKN2A-R1 RLDVRDAWC	234	571
>CDKN2A-R1 RLDVRDAWC	227	>CDKN2A-R1 RLDVRDAWC	108	119
>CDKN2A-R1 RLDVRDAWC	91	>CDKN2A-R1 RLDVRDAWC	101	10
>CDKN2A-R1 RLDVRDAWC	120	>CDKN2A-R1 RLDVRDAWC	31245	31125
>CDKN2A-R1 RLDVRDAWC	92	>CDKN2A-R1 RLDVRDAWC	24362	24270
>CDKN2A-R1 RLDVRDAWC	293	>CDKN2A-R1 RLDVRDAWC	35868	35575
>CDKN2A-R1 RLPVDLAEEL	99	>CDKN2A-R1 PLPVDLAEEL	2331	2232
>CDKN2A-R1 RLPVDLAEEL	38	>CDKN2A-R1 PLPVDLAEEL	998	960
>CDKN2A-R1 RLPVDLAEEL	165	>CDKN2A-R1 PLPVDLAEEL	4267	4102
>CDKN2A-R1 RLPVDLAEEL	125	>CDKN2A-R1 PLPVDLAEEL	1499	1374

>CDKN2A-R1 RLPVDLAEEL	391	>CDKN2A-R1 PLPVDLAEEL	2265	1874
>CDKN2A-R1 RLPVDLAEEL	15	>CDKN2A-R1 PLPVDLAEEL	77	62
>CDKN2A-R1 GRLPVDLAE	202	>CDKN2A-R1 GPLPVDLAE	25754	25552
>CDKN2A-R1 GRLPVDLA	31452	>CDKN2A-R1 GPLPVDLA	276	31176
>CDKN2A-R1 GRLPVDLAE	194	>CDKN2A-R1 GPLPVDLAE	20919	20725
>CDKN2A-R1 GRLPVDLAE	29	>CDKN2A-R1 GPLPVDLAE	18462	18433
>CDKN2A-R1 ARLDVRDAW	89	>CDKN2A-R1 ARLDVRDAW	1654	1565
>CDKN2A-R1 WGRLPVDL	24872	>CDKN2A-R1 WGRLPVDL	226	24646
>CDKN2A-R1 AWGRLPVDL	474	>CDKN2A-R1 AWGRLPVDL	148	326
>CDKN2A-R1 AWGRLPVDL	403	>CDKN2A-R1 AWGRLPVDL	245	158
>CDKN2A-R1 AWGRLPVDL	156	>CDKN2A-R1 AWGRLPVDL	95	61
>CDKN2A-R1 AWGRLPVDL	765	>CDKN2A-R1 AWGRLPVDL	452	313
>CDKN2A-R1 DAWGRLPV	2254	>CDKN2A-R1 DAWGRLPV	297	1957
>CDKN2A-R1 DAWGRLPV	260	>CDKN2A-R1 DAWGRLPV	106	154
>CDKN2A-R1 DAWGRLPV	24	>CDKN2A-R1 DAWGRLPV	7	17
>CDKN2A-R1 DAWGRLPVD	2258	>CDKN2A-R1 DAWGRLPVD	404	1854
>CDKN2A-R1 DAWGRLPVD	2165	>CDKN2A-R1 DAWGRLPVD	385	1780
>CDKN2A-R1 VRDAWGRLP	1516	>CDKN2A-R1 VRDAWGRLP	364	1152
>CDKN2A-R1 VRDAWGRL	1239	>CDKN2A-R1 VRDAWGRL	120	1119
>CDKN2A-R1 VRDAWGRLP	489	>CDKN2A-R1 VRDAWGRLP	239	250
>CDKN2A-R1 VRDAWGRLP	1175	>CDKN2A-R1 VRDAWGRLP	469	706
>CDKN2A-R1 DVRDAWGRI	456	>CDKN2A-R1 DVRDAWGRI	273	183
>CDKN2A-R1 DVRDAWGRI	644	>CDKN2A-R1 DVRDAWGRI	344	300
>CDKN2A-R1 DVRDAWGRI	2164	>CDKN2A-R1 DVRDAWGRI	401	1763
>CDKN2A-R1 DVRDAWGRI	277	>CDKN2A-R1 DVRDAWGRI	327	50
>CDKN2A-R1 DVRDAWGR	17	>CDKN2A-R1 DVRDAWGR	19387	19370
>CDKN2A-R1 DVRDAWGR	62	>CDKN2A-R1 DVRDAWGR	33766	33704
>CDKN2A-R1 DVRDAWGRI	208	>CDKN2A-R1 DVRDAWGRI	239	31
>CDKN2A-R1 DVRDAWGRI	198	>CDKN2A-R1 DVRDAWGRI	93	105
>CDKN2A-R1 DVRDAWGRI	4619	>CDKN2A-R1 DVRDAWGRI	428	4191
>CDKN2A-R1 LDVRDAWGF	477	>CDKN2A-R1 LDVRDAWGF	422	55
>CDKN2A-R1 RLDVRDAWC	802	>CDKN2A-R1 RLDVRDAWC	381	421
>CDKN2A-R1 RLDVRDAWC	1671	>CDKN2A-R1 RLDVRDAWC	335	1336
>CDKN2A-R1 RLDVRDAWC	122	>CDKN2A-R1 RLDVRDAWC	95	27
>CDKN2A-R1 RLDVRDAWC	805	>CDKN2A-R1 RLDVRDAWC	185	620
>CDKN2A-R1 RLDVRDAWC	227	>CDKN2A-R1 RLDVRDAWC	117	110
>CDKN2A-R1 RLDVRDAWC	91	>CDKN2A-R1 RLDVRDAWC	144	53
>CDKN2A-R1 RLDVRDAWC	120	>CDKN2A-R1 RLDVRDAWC	31830	31710
>CDKN2A-R1 RLDVRDAWC	92	>CDKN2A-R1 RLDVRDAWC	22849	22757
>CDKN2A-R1 RLDVRDAWC	293	>CDKN2A-R1 RLDVRDAWC	35776	35483
>CDKN2A-R1 RLPVDLAEEL	99	>CDKN2A-R1 SLPVDLAEEL	58	41
>CDKN2A-R1 RLPVDLAEEL	38	>CDKN2A-R1 SLPVDLAEEL	35	3
>CDKN2A-R1 RLPVDLAEEL	165	>CDKN2A-R1 SLPVDLAEEL	150	15

>CDKN2A-R1 RLPVDLAEEL	125	>CDKN2A-R1 SLPVDLAEEL	34	91
>CDKN2A-R1 RLPVDLAEEL	391	>CDKN2A-R1 SLPVDLAEEL	484	93
>CDKN2A-R1 RLPVDLAEEL	15	>CDKN2A-R1 SLPVDLAEEL	8	7
>CDKN2A-R1 GRLPVDLAE	25501	>CDKN2A-R1 GSLPVDLAE	66	25435
>CDKN2A-R1 GRLPVDLAE	202	>CDKN2A-R1 GSLPVDLAE	21257	21055
>CDKN2A-R1 GRLPVDLAE	8655	>CDKN2A-R1 GSLPVDLAE	214	8441
>CDKN2A-R1 GRLPVDLAE	194	>CDKN2A-R1 GSLPVDLAE	13624	13430
>CDKN2A-R1 GRLPVDLAE	29	>CDKN2A-R1 GSLPVDLAE	14524	14495
>CDKN2A-R1 ARLDVRDAW	89	>CDKN2A-R1 ARLDVRDAW	742	653
>CDKN2A-R1 AWGRLPVDL	474	>CDKN2A-R1 AWGSLPVDL	386	88
>CDKN2A-R1 AWGRLPVDL	403	>CDKN2A-R1 AWGSLPVDL	257	146
>CDKN2A-R1 AWGRLPVDL	156	>CDKN2A-R1 AWGSLPVDL	120	36
>CDKN2A-R1 DAWGRLPV	260	>CDKN2A-R1 DAWGSLPV	143	117
>CDKN2A-R1 DAWGRLPV	24	>CDKN2A-R1 DAWGSLPV	9	15
>CDKN2A-R1 VRDAWGRL	1239	>CDKN2A-R1 VRDAWGSL	210	1029
>CDKN2A-R1 VRDAWGRLP	489	>CDKN2A-R1 VRDAWGSLP	208	281
>CDKN2A-R1 DVRDAWGRI	456	>CDKN2A-R1 DVRDAWGSL	243	213
>CDKN2A-R1 DVRDAWGRI	277	>CDKN2A-R1 DVRDAWGSL	253	24
>CDKN2A-R1 DVRDAWGR	17	>CDKN2A-R1 DVRDAWGS	12289	12272
>CDKN2A-R1 DVRDAWGR	62	>CDKN2A-R1 DVRDAWGS	25725	25663
>CDKN2A-R1 DVRDAWGRI	208	>CDKN2A-R1 DVRDAWGSL	198	10
>CDKN2A-R1 DVRDAWGRI	198	>CDKN2A-R1 DVRDAWGSL	83	115
>CDKN2A-R1 DVRDAWGRI	4619	>CDKN2A-R1 DVRDAWGSL	416	4203
>CDKN2A-R1 LDVRDAWGF	477	>CDKN2A-R1 LDVRDAWGS	488	11
>CDKN2A-R1 RLDVRDAWC	802	>CDKN2A-R1 RLDVRDAWC	461	341
>CDKN2A-R1 RLDVRDAWC	122	>CDKN2A-R1 RLDVRDAWC	101	21
>CDKN2A-R1 RLDVRDAWC	805	>CDKN2A-R1 RLDVRDAWC	310	495
>CDKN2A-R1 RLDVRDAWC	227	>CDKN2A-R1 RLDVRDAWC	151	76
>CDKN2A-R1 RLDVRDAWC	91	>CDKN2A-R1 RLDVRDAWC	84	7
>CDKN2A-R1 RLDVRDAWC	120	>CDKN2A-R1 RLDVRDAWC	26886	26766
>CDKN2A-R1 RLDVRDAWC	92	>CDKN2A-R1 RLDVRDAWC	15527	15435
>CDKN2A-R1 RLDVRDAWC	293	>CDKN2A-R1 RLDVRDAWC	32470	32177
>CDKN2A-R1 RDVARYLR	243	>CDKN2A-R1 HDVARYLR	857	614
>CDKN2A-R1 RDVARYLR	79	>CDKN2A-R1 HDVARYLR	85	6
>CDKN2A-R1 HRDVARYL	2620	>CDKN2A-R1 HHDVARYL	145	2475
>CDKN2A-R1 HRDVARYLR	203	>CDKN2A-R1 HHDVARYLR	16112	15909
>CDKN2A-R1 HRDVARYLR/	122	>CDKN2A-R1 HHDVARYLR/	10201	10079
>CDKN2A-R1 HRDVARYL	175	>CDKN2A-R1 HHDVARYL	65	110
>CDKN2A-R1 HRDVARYLR	370	>CDKN2A-R1 HHDVARYLR	266	104
>CDKN2A-R1 GHRDVARYLI	282	>CDKN2A-R1 GHHDVARYLI	712	430
>CDKN2A-R1 LGHRDVARY	415	>CDKN2A-R1 LGHHDVARY	173	242
>CDKN2A-R1 LGHRDVARYI	152	>CDKN2A-R1 LGHHDVARYI	227	75
>CDKN2A-R1 LGHRDVARY	409	>CDKN2A-R1 LGHHDVARY	246	163

>CDKN2A-R1 LGHRDVARY	2036	>CDKN2A-R1 LGHHDVARY	346	1690
>CDKN2A-R1 ELGHRDVAR\	382	>CDKN2A-R1 ELGHHDVAR\	220	162
>CDKN2A-R1 ELGHRDVAR\	477	>CDKN2A-R1 ELGHHDVAR\	485	8
>CDKN2A-R1 ELGHRDVAR\	274	>CDKN2A-R1 ELGHHDVAR\	58	216
>CDKN2A-R1 ELGHRDVAR\	413	>CDKN2A-R1 ELGHHDVAR\	912	499
>CDKN2A-R1 ELGHRDVAR	85	>CDKN2A-R1 ELGHHDVAR	284	199
>CDKN2A-R1 ELGHRDVAR	153	>CDKN2A-R1 ELGHHDVAR	169	16
>CDKN2A-R1 ELGHRDVAR\	608	>CDKN2A-R1 ELGHHDVAR\	325	283
>CDKN2A-R1 ELGHRDVAR	188	>CDKN2A-R1 ELGHHDVAR	154	34
>CDKN2A-R1 EELGHRDV	193	>CDKN2A-R1 EELGHHDV	306	113
>CDKN2A-R1 EELGHRDVAI	86	>CDKN2A-R1 EELGHHDVAI	58	28
>CDKN2A-R1 EELGHRDVAI	177	>CDKN2A-R1 EELGHHDVAI	147	30
>CDKN2A-R1 EELGHRDV	1496	>CDKN2A-R1 EELGHHDV	298	1198
>CDKN2A-R1 EELGHRDVA	744	>CDKN2A-R1 EELGHHDVA	431	313
>CDKN2A-R1 EELGHRDVAI	121	>CDKN2A-R1 EELGHHDVAI	89	32
>CDKN2A-R1 EELGHRDV	54	>CDKN2A-R1 EELGHHDV	19	35
>CDKN2A-R1 EELGHRDVA	10	>CDKN2A-R1 EELGHHDVA	5	5
>CDKN2A-R1 EELGHRDVAI	471	>CDKN2A-R1 EELGHHDVAI	389	82
>CDKN2A-R1 AEELGHRDV	408	>CDKN2A-R1 AEELGHHDV	45	363
>CDKN2A-R1 AEELGHRDV	29	>CDKN2A-R1 AEELGHHDV	15	14
>CDKN2A-R1 AEELGHRDV/	39	>CDKN2A-R1 AEELGHHDV/	31	8
>CDKN2A-R1 AEELGHRDV/	846	>CDKN2A-R1 AEELGHHDV/	428	418
>CDKN2A-R1 AEELGHRDV	336	>CDKN2A-R1 AEELGHHDV	163	173
>CDKN2A-R1 LAEELGHRDV	1178	>CDKN2A-R1 LAEELGHHDV	79	1099
>CDKN2A-R1 DLAEELGHRE	582	>CDKN2A-R1 DLAEELGHHE	297	285
>CDKN2A-R1 DLAEELGHRE	265	>CDKN2A-R1 DLAEELGHHE	69	196
>CDKN2A-R1 DLAEELGHRE	1496	>CDKN2A-R1 DLAEELGHHE	290	1206
>CDKN2A-R1 DLAEELGHRE	185	>CDKN2A-R1 DLAEELGHHE	25	160
>CDKN2A-R1 DLAEELGHRE	418	>CDKN2A-R1 DLAEELGHHE	29	389
>CDKN2A-R1 DLAEELGHRE	27	>CDKN2A-R1 DLAEELGHHE	6	21
>CDKN2A-R1 DLAEELGHR	124	>CDKN2A-R1 DLAEELGHH	21946	21822
>CDKN2A-R1 DLAEELGHR	182	>CDKN2A-R1 DLAEELGHH	16828	16646
>CDKN2A-R1 DLAEELGHRE	1031	>CDKN2A-R1 DLAEELGHHE	101	930
>CDKN2A-R1 RYLRAAAG	414	>CDKN2A-R1 QYLRAAAG	2115	1701
>CDKN2A-R1 RYLRAAAGG	436	>CDKN2A-R1 QYLRAAAGG	2308	1872
>CDKN2A-R1 RYLRAAAGG\	218	>CDKN2A-R1 QYLRAAAGG\	1376	1158
>CDKN2A-R1 RYLRAAAGG\	128	>CDKN2A-R1 QYLRAAAGG\	635	507
>CDKN2A-R1 RYLRAAAG	239	>CDKN2A-R1 QYLRAAAG	6571	6332
>CDKN2A-R1 RYLRAAAGG	315	>CDKN2A-R1 QYLRAAAGG	7020	6705
>CDKN2A-R1 RYLRAAAGG\	96	>CDKN2A-R1 QYLRAAAGG\	3410	3314
>CDKN2A-R1 RYLRAAAGG\	24	>CDKN2A-R1 QYLRAAAGG\	671	647
>CDKN2A-R1 RYLRAAAGG\	33	>CDKN2A-R1 QYLRAAAGG\	76	43
>CDKN2A-R1 ARYLRAAA	14514	>CDKN2A-R1 AQYLRAAA	212	14302

>CDKN2A-R1 ARYLRAAA	16803	>CDKN2A-R1 AQYLRAAA	50	16753
>CDKN2A-R1 ARYLRAAA	21198	>CDKN2A-R1 AQYLRAAA	422	20776
>CDKN2A-R1 ARYLRAAA	1662	>CDKN2A-R1 AQYLRAAA	260	1402
>CDKN2A-R1 ARYLRAAA	195	>CDKN2A-R1 AQYLRAAA	4478	4283
>CDKN2A-R1 ARYLRAAAAGC	321	>CDKN2A-R1 AQYLRAAAAGC	7174	6853
>CDKN2A-R1 ARYLRAAA	6642	>CDKN2A-R1 AQYLRAAA	367	6275
>CDKN2A-R1 ARYLRAAA	428	>CDKN2A-R1 AQYLRAAA	6425	5997
>CDKN2A-R1 AEELGHRDVAF	846	>CDKN2A-R1 AEELGHRDVAF	440	406
>CDKN2A-R1 VARYLRAA	137	>CDKN2A-R1 VAQYLRAA	10396	10259
>CDKN2A-R1 VARYLRAAA	38	>CDKN2A-R1 VAQYLRAAA	6607	6569
>CDKN2A-R1 VARYLRAAA	284	>CDKN2A-R1 VAQYLRAAA	7342	7058
>CDKN2A-R1 DVARYLRAAF	376	>CDKN2A-R1 DVAQYLRAAF	481	105
>CDKN2A-R1 DVARYLRAAF	877	>CDKN2A-R1 DVAQYLRAAF	484	393
>CDKN2A-R1 RDVARYLR	243	>CDKN2A-R1 RDVAQYLR	652	409
>CDKN2A-R1 RDVARYLR	79	>CDKN2A-R1 RDVAQYLR	79	0
>CDKN2A-R1 HRDVARYLR	203	>CDKN2A-R1 HRDVAQYLR	223	20
>CDKN2A-R1 HRDVARYLRAF	122	>CDKN2A-R1 HRDVAQYLRAF	109	13
>CDKN2A-R1 HRDVARYL	175	>CDKN2A-R1 HRDVAQYL	86	89
>CDKN2A-R1 HRDVARYLR	370	>CDKN2A-R1 HRDVAQYLR	720	350
>CDKN2A-R1 GHRDVARYLRF	282	>CDKN2A-R1 GHRDVAQYLRF	917	635
>CDKN2A-R1 LGHRDVARY	415	>CDKN2A-R1 LGHRDVAQY	992	577
>CDKN2A-R1 LGHRDVARYL	152	>CDKN2A-R1 LGHRDVAQYL	268	116
>CDKN2A-R1 LGHRDVARY	409	>CDKN2A-R1 LGHRDVAQY	278	131
>CDKN2A-R1 ELGHRDVAR)	382	>CDKN2A-R1 ELGHRDVAQ'	182	200
>CDKN2A-R1 ELGHRDVAR)	1057	>CDKN2A-R1 ELGHRDVAQ'	328	729
>CDKN2A-R1 ELGHRDVAR)	1150	>CDKN2A-R1 ELGHRDVAQ'	292	858
>CDKN2A-R1 ELGHRDVAR)	1449	>CDKN2A-R1 ELGHRDVAQ'	405	1044
>CDKN2A-R1 ELGHRDVAR)	477	>CDKN2A-R1 ELGHRDVAQ'	71	406
>CDKN2A-R1 ELGHRDVAR)	274	>CDKN2A-R1 ELGHRDVAQ'	333	59
>CDKN2A-R1 ELGHRDVAR)	413	>CDKN2A-R1 ELGHRDVAQ'	379	34
>CDKN2A-R1 ELGHRDVAR	85	>CDKN2A-R1 ELGHRDVAQ	17909	17824
>CDKN2A-R1 ELGHRDVAR	153	>CDKN2A-R1 ELGHRDVAQ	15622	15469
>CDKN2A-R1 ELGHRDVAR)	608	>CDKN2A-R1 ELGHRDVAQ'	432	176
>CDKN2A-R1 ELGHRDVAR	188	>CDKN2A-R1 ELGHRDVAQ	18444	18256
>CDKN2A-R1 EELGHRDVAF	86	>CDKN2A-R1 EELGHRDVAC	94	8
>CDKN2A-R1 EELGHRDVAF	177	>CDKN2A-R1 EELGHRDVAC	75	102
>CDKN2A-R1 EELGHRDVAF	121	>CDKN2A-R1 EELGHRDVAC	127	6
>CDKN2A-R1 EELGHRDVAF	471	>CDKN2A-R1 EELGHRDVAC	21310	20839
>CDKN2A-R1 RYLRAAAG	414	>CDKN2A-R1 WYLRAAAG	739	325
>CDKN2A-R1 RYLRAAAGG	436	>CDKN2A-R1 WYLRAAAGG	791	355
>CDKN2A-R1 RYLRAAAGG	218	>CDKN2A-R1 WYLRAAAGG	364	146
>CDKN2A-R1 RYLRAAAGG	128	>CDKN2A-R1 WYLRAAAGG	179	51
>CDKN2A-R1 RYLRAAAG	239	>CDKN2A-R1 WYLRAAAG	15063	14824

>CDKN2A-R1 RYLRAAAGG	315	>CDKN2A-R1 WYLRAAAGG	15376	15061
>CDKN2A-R1 RYLRAAAGG†	96	>CDKN2A-R1 WYLRAAAGG	13331	13235
>CDKN2A-R1 RYLRAAAGG†	24	>CDKN2A-R1 WYLRAAAGG	2736	2712
>CDKN2A-R1 RYLRAAAGG†	33	>CDKN2A-R1 WYLRAAAGG	79	46
>CDKN2A-R1 ARYLRAAA	195	>CDKN2A-R1 AWYLRAAA	16965	16770
>CDKN2A-R1 ARYLRAAAG†	321	>CDKN2A-R1 AWYLRAAAG	20330	20009
>CDKN2A-R1 ARYLRAAA	428	>CDKN2A-R1 AWYLRAAA	23462	23034
>CDKN2A-R1 ARYLRAAA	32616	>CDKN2A-R1 AWYLRAAA	107	32509
>CDKN2A-R1 ARYLRAAAG	38018	>CDKN2A-R1 AWYLRAAAG	374	37644
>CDKN2A-R1 AEELGHRDV†	6223	>CDKN2A-R1 AEELGHRDV†	76	6147
>CDKN2A-R1 AEELGHRDV†	7918	>CDKN2A-R1 AEELGHRDV†	125	7793
>CDKN2A-R1 VARYLRAA	137	>CDKN2A-R1 VAWYLRAA	11750	11613
>CDKN2A-R1 VARYLRAAA	38	>CDKN2A-R1 VAWYLRAAA	8049	8011
>CDKN2A-R1 VARYLRAAA	284	>CDKN2A-R1 VAWYLRAAA	3676	3392
>CDKN2A-R1 VARYLRAA	4599	>CDKN2A-R1 VAWYLRAA	353	4246
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>CDKN2A-R1 DVARYLRAA†	376	>CDKN2A-R1 DVAWYLRAA	167	209
>CDKN2A-R1 DVARYLRA	1927	>CDKN2A-R1 DVAWYLRA	132	1795
>CDKN2A-R1 DVARYLRAA	1540	>CDKN2A-R1 DVAWYLRAA	177	1363
>CDKN2A-R1 DVARYLRAA†	877	>CDKN2A-R1 DVAWYLRAA	126	751
>CDKN2A-R1 RDVARYLR	243	>CDKN2A-R1 RDVAWYLR	215	28
>CDKN2A-R1 RDVARYLR	79	>CDKN2A-R1 RDVAWYLR	57	22
>CDKN2A-R1 HRDVARYL	531	>CDKN2A-R1 HRDVAWYL	306	225
>CDKN2A-R1 HRDVARYLR	203	>CDKN2A-R1 HRDVAWYLR	172	31
>CDKN2A-R1 HRDVARYLR†	122	>CDKN2A-R1 HRDVAWYLR	54	68
>CDKN2A-R1 HRDVARYL	175	>CDKN2A-R1 HRDVAWYL	38	137
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>CDKN2A-R1 GHRDVARYL†	282	>CDKN2A-R1 GHRDVAWYL	642	360
>CDKN2A-R1 LGHRDVARY	415	>CDKN2A-R1 LGHRDVAWY	687	272
>CDKN2A-R1 LGHRDVARYL	152	>CDKN2A-R1 LGHRDVAWY	158	6
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>CDKN2A-R1 LGHRDVAR	31495	>CDKN2A-R1 LGHRDVAW	140	31355
>CDKN2A-R1 ELGHRDVAR†	938	>CDKN2A-R1 ELGHRDVAW	307	631
>CDKN2A-R1 ELGHRDVAR†	1533	>CDKN2A-R1 ELGHRDVAW	179	1354
>CDKN2A-R1 ELGHRDVAR†	382	>CDKN2A-R1 ELGHRDVAW	54	328
>CDKN2A-R1 ELGHRDVAR†	1057	>CDKN2A-R1 ELGHRDVAW	51	1006
>CDKN2A-R1 ELGHRDVAR†	1150	>CDKN2A-R1 ELGHRDVAW	78	1072
>CDKN2A-R1 ELGHRDVAR†	1449	>CDKN2A-R1 ELGHRDVAW	102	1347
>CDKN2A-R1 ELGHRDVAR†	477	>CDKN2A-R1 ELGHRDVAW	30	447
>CDKN2A-R1 ELGHRDVAR†	274	>CDKN2A-R1 ELGHRDVAW	122	152
>CDKN2A-R1 ELGHRDVAR†	1279	>CDKN2A-R1 ELGHRDVAW	405	874



>CDKN2A-R1 ELGHRDVAR\	413	>CDKN2A-R1 ELGHRDVAW	558	145
>CDKN2A-R1 ELGHRDVAR	85	>CDKN2A-R1 ELGHRDVAW	26895	26810
>CDKN2A-R1 ELGHRDVAR	153	>CDKN2A-R1 ELGHRDVAW	31599	31446
>CDKN2A-R1 ELGHRDVAR	188	>CDKN2A-R1 ELGHRDVAW	30094	29906
>CDKN2A-R1 EELGHRDVA\	86	>CDKN2A-R1 EELGHRDVA\	34	52
>CDKN2A-R1 EELGHRDVA\	177	>CDKN2A-R1 EELGHRDVA\	97	80
>CDKN2A-R1 EELGHRDVA\	18089	>CDKN2A-R1 EELGHRDVA\	40	18049
>CDKN2A-R1 EELGHRDVA\	13632	>CDKN2A-R1 EELGHRDVA\	52	13580
>CDKN2A-R1 EELGHRDVA\	121	>CDKN2A-R1 EELGHRDVA\	65	56
>CDKN2A-R1 EELGHRDVA\	940	>CDKN2A-R1 EELGHRDVA\	471	469
>CDKN2A-R1 EELGHRDVA\	30616	>CDKN2A-R1 EELGHRDVA\	155	30461
>CDKN2A-R1 EELGHRDVA\	471	>CDKN2A-R1 EELGHRDVA\	33857	33386
>CDKN2A-R1 RAAAGGTR	82	>CDKN2A-R1 CAAAGGTR	1712	1630
>CDKN2A-R1 RAAAGGTR	423	>CDKN2A-R1 CAAAGGTR	83	340
>CDKN2A-R1 LRAAAGGTR	199	>CDKN2A-R1 LCAAAGGTR	25886	25687
>CDKN2A-R1 LGHRDVARYI	152	>CDKN2A-R1 LGHRDVARYI	22169	22017
>CDKN2A-R1 YLRAAAGGT	48	>CDKN2A-R1 YLCAAAGGT	81	33
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>CDKN2A-R1 YLRAAAGGT	128	>CDKN2A-R1 YLCAAAGGT	92	36
>CDKN2A-R1 YLRAAAGGTF	1026	>CDKN2A-R1 YLCAAAGGTF	396	630
>CDKN2A-R1 YLRAAAGGTF	231	>CDKN2A-R1 YLCAAAGGTF	150	81
>CDKN2A-R1 RYLRAAAG	414	>CDKN2A-R1 RYLCAAAG	566	152
>CDKN2A-R1 RYLRAAAGG	436	>CDKN2A-R1 RYLCAAAGG	678	242
>CDKN2A-R1 RYLRAAAGG\	218	>CDKN2A-R1 RYLCAAAGG\	321	103
>CDKN2A-R1 RYLRAAAGG\	128	>CDKN2A-R1 RYLCAAAGG\	220	92
>CDKN2A-R1 RYLRAAAG	239	>CDKN2A-R1 RYLCAAAG	834	595
>CDKN2A-R1 RYLRAAAGG	315	>CDKN2A-R1 RYLCAAAGG	958	643
>CDKN2A-R1 RYLRAAAGG\	96	>CDKN2A-R1 RYLCAAAGG\	252	156
>CDKN2A-R1 RYLRAAAGG\	24	>CDKN2A-R1 RYLCAAAGG\	55	31
>CDKN2A-R1 RYLRAAAGG\	33	>CDKN2A-R1 RYLCAAAGG\	18	15
>CDKN2A-R1 ARYLRAAA	195	>CDKN2A-R1 ARYLCAAA	1040	845
>CDKN2A-R1 ARYLRAAAG\	321	>CDKN2A-R1 ARYLCAAAG\	765	444
>CDKN2A-R1 ARYLRAAA	428	>CDKN2A-R1 ARYLCAAA	620	192
>CDKN2A-R1 VARYLRAA	137	>CDKN2A-R1 VARYLCAA	227	90
>CDKN2A-R1 VARYLRAAA	38	>CDKN2A-R1 VARYLCAAA	379	341
>CDKN2A-R1 VARYLRAAA	284	>CDKN2A-R1 VARYLCAAA	3254	2970
>CDKN2A-R1 DVARYLRAA	1129	>CDKN2A-R1 DVARYLCAA	206	923
>CDKN2A-R1 DVARYLRAA\	376	>CDKN2A-R1 DVARYLCAA\	219	157
>CDKN2A-R1 DVARYLRAA	1540	>CDKN2A-R1 DVARYLCAA	250	1290
>CDKN2A-R1 DVARYLRAA\	877	>CDKN2A-R1 DVARYLCAA\	418	459
>CDKN2A-R1 RDVARYLR	243	>CDKN2A-R1 RDVARYLC	22157	21914
>CDKN2A-R1 RDVARYLR	79	>CDKN2A-R1 RDVARYLC	31193	31114
>CDKN2A-R1 HRDVARYLR	203	>CDKN2A-R1 HRDVARYLC	4381	4178

>CDKN2A-R1 HRDVARYLR/	122	>CDKN2A-R1 HRDVARYLC/	113	9
>CDKN2A-R1 HRDVARYLR	370	>CDKN2A-R1 HRDVARYLC	36211	35841
>CDKN2A-R1 GHRDVARYLI	282	>CDKN2A-R1 GHRDVARYLI	27132	26850
>CDKN2A-R1 RAAAGGTR	82	>CDKN2A-R1 HAAAGGTR	368	286
>CDKN2A-R1 RAAAGGTR	423	>CDKN2A-R1 HAAAGGTR	33	390
>CDKN2A-R1 LRAAAGGTR	199	>CDKN2A-R1 LHAAAGGTR	21697	21498
>CDKN2A-R1 LGHRDVARYI	152	>CDKN2A-R1 LGHRDVARYI	12011	11859
>CDKN2A-R1 YLRAAAGGT	48	>CDKN2A-R1 YLHAAAGGT	26	22
>CDKN2A-R1 YLRAAAGG	4761	>CDKN2A-R1 YLHAAAGG	439	4322
>CDKN2A-R1 YLRAAAGGT	1645	>CDKN2A-R1 YLHAAAGGT	98	1547
>CDKN2A-R1 YLRAAAGGT	128	>CDKN2A-R1 YLHAAAGGT	42	86
>CDKN2A-R1 YLRAAAGGTI	1026	>CDKN2A-R1 YLHAAAGGTI	381	645
>CDKN2A-R1 YLRAAAGGTI	231	>CDKN2A-R1 YLHAAAGGTI	239	8
>CDKN2A-R1 RYLRAAAG	414	>CDKN2A-R1 RYLHAAAG	463	49
>CDKN2A-R1 RYLRAAAGG	436	>CDKN2A-R1 RYLHAAAGG	533	97
>CDKN2A-R1 RYLRAAAGGT	218	>CDKN2A-R1 RYLHAAAGGT	279	61
>CDKN2A-R1 RYLRAAAGGT	128	>CDKN2A-R1 RYLHAAAGGT	158	30
>CDKN2A-R1 RYLRAAAG	239	>CDKN2A-R1 RYLHAAAG	459	220
>CDKN2A-R1 RYLRAAAGG	315	>CDKN2A-R1 RYLHAAAGG	686	371
>CDKN2A-R1 RYLRAAAGGT	96	>CDKN2A-R1 RYLHAAAGGT	172	76
>CDKN2A-R1 RYLRAAAGGT	24	>CDKN2A-R1 RYLHAAAGGT	36	12
>CDKN2A-R1 RYLRAAAGGT	33	>CDKN2A-R1 RYLHAAAGGT	24	9
>CDKN2A-R1 ARYLRAAA	195	>CDKN2A-R1 ARYLHAAA	432	237
>CDKN2A-R1 ARYLRAAAGC	321	>CDKN2A-R1 ARYLHAAAGC	442	121
>CDKN2A-R1 ARYLRAAA	428	>CDKN2A-R1 ARYLHAAA	733	305
>CDKN2A-R1 VARYLRAA	137	>CDKN2A-R1 VARYLHAA	104	33
>CDKN2A-R1 VARYLRAAA	38	>CDKN2A-R1 VARYLHAAA	27	11
>CDKN2A-R1 VARYLRAAA	284	>CDKN2A-R1 VARYLHAAA	1323	1039
>CDKN2A-R1 DVARYLRAA	1041	>CDKN2A-R1 DVARYLHAA	240	801
>CDKN2A-R1 DVARYLRA	514	>CDKN2A-R1 DVARYLHA	193	321
>CDKN2A-R1 DVARYLRAA	1129	>CDKN2A-R1 DVARYLHAA	39	1090
>CDKN2A-R1 DVARYLRAA/	376	>CDKN2A-R1 DVARYLHAA/	210	166
>CDKN2A-R1 DVARYLRAA	1540	>CDKN2A-R1 DVARYLHAA	46	1494
>CDKN2A-R1 DVARYLRAA/	877	>CDKN2A-R1 DVARYLHAA/	148	729
>CDKN2A-R1 RDVARYLR	243	>CDKN2A-R1 RDVARYLH	13282	13039
>CDKN2A-R1 RDVARYLR	79	>CDKN2A-R1 RDVARYLH	20765	20686
>CDKN2A-R1 HRDVARYLR	203	>CDKN2A-R1 HRDVARYLH	515	312
>CDKN2A-R1 HRDVARYLR/	122	>CDKN2A-R1 HRDVARYLH/	130	8
>CDKN2A-R1 HRDVARYLR	370	>CDKN2A-R1 HRDVARYLH	31782	31412
>CDKN2A-R1 GHRDVARYLI	282	>CDKN2A-R1 GHRDVARYLI	10035	9753
>CDKN2A-R1 RAAAGGTR	82	>CDKN2A-R1 LAAAGGTR	942	860
>CDKN2A-R1 RAAAGGTR	423	>CDKN2A-R1 LAAAGGTR	85	338
>CDKN2A-R1 LRAAAGGT	27203	>CDKN2A-R1 LLAAAGGT	284	26919

>CDKN2A-R1 LRAAAGGT	19672	>CDKN2A-R1 LLAAAGGT	67	19605
>CDKN2A-R1 LRAAAGGT	36165	>CDKN2A-R1 LLAAAGGT	156	36009
>CDKN2A-R1 LRAAAGGTR	4923	>CDKN2A-R1 LLAAAGGTR	350	4573
>CDKN2A-R1 LRAAAGGTR	199	>CDKN2A-R1 LLAAAGGTR	21461	21262
>CDKN2A-R1 LGHRDVARYL	152	>CDKN2A-R1 LGHRDVARYL	16259	16107
>CDKN2A-R1 YLRAAAGGT	48	>CDKN2A-R1 YLLAAAGGT	91	43
>CDKN2A-R1 YLRAAAGGT	5898	>CDKN2A-R1 YLLAAAGGT	65	5833
>CDKN2A-R1 YLRAAAGG	4761	>CDKN2A-R1 YLLAAAGG	102	4659
>CDKN2A-R1 YLRAAAGGT	1645	>CDKN2A-R1 YLLAAAGGT	22	1623
>CDKN2A-R1 YLRAAAGGTF	7725	>CDKN2A-R1 YLLAAAGGTR	250	7475
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>CDKN2A-R1 YLRAAAGGT	4869	>CDKN2A-R1 YLLAAAGGT	62	4807
>CDKN2A-R1 YLRAAAGGT	12853	>CDKN2A-R1 YLLAAAGGT	116	12737
>CDKN2A-R1 YLRAAAGG	1926	>CDKN2A-R1 YLLAAAGG	365	1561
>CDKN2A-R1 YLRAAAGGT	128	>CDKN2A-R1 YLLAAAGGT	27	101
>CDKN2A-R1 YLRAAAGGTF	2223	>CDKN2A-R1 YLLAAAGGTR	458	1765
>CDKN2A-R1 YLRAAAGGTF	1070	>CDKN2A-R1 YLLAAAGGTR	376	694
>CDKN2A-R1 YLRAAAGGTF	1026	>CDKN2A-R1 YLLAAAGGTR	423	603
>CDKN2A-R1 YLRAAAGGTF	231	>CDKN2A-R1 YLLAAAGGTR	280	49
>CDKN2A-R1 RYLRAAAG	414	>CDKN2A-R1 RYLLAAAG	641	227
>CDKN2A-R1 RYLRAAAGG	436	>CDKN2A-R1 RYLLAAAGG	806	370
>CDKN2A-R1 RYLRAAAGGT	218	>CDKN2A-R1 RYLLAAAGGT	375	157
>CDKN2A-R1 RYLRAAAGGT	128	>CDKN2A-R1 RYLLAAAGGT	280	152
>CDKN2A-R1 RYLRAAAG	239	>CDKN2A-R1 RYLLAAAG	1030	791
>CDKN2A-R1 RYLRAAAGG	315	>CDKN2A-R1 RYLLAAAGG	1408	1093
>CDKN2A-R1 RYLRAAAGGT	96	>CDKN2A-R1 RYLLAAAGGT	358	262
>CDKN2A-R1 RYLRAAAGGT	24	>CDKN2A-R1 RYLLAAAGGT	43	19
>CDKN2A-R1 RYLRAAAGGT	33	>CDKN2A-R1 RYLLAAAGGT	22	11
>CDKN2A-R1 ARYLRAAA	195	>CDKN2A-R1 ARYLLAAA	170	25
>CDKN2A-R1 ARYLRAAAGC	321	>CDKN2A-R1 ARYLLAAAGC	239	82
>CDKN2A-R1 ARYLRAAA	428	>CDKN2A-R1 ARYLLAAA	599	171
>CDKN2A-R1 VARYLRAA	137	>CDKN2A-R1 VARYLLAA	119	18
>CDKN2A-R1 VARYLRAAA	38	>CDKN2A-R1 VARYLLAAA	104	66
>CDKN2A-R1 VARYLRAAA	284	>CDKN2A-R1 VARYLLAAA	2820	2536
>CDKN2A-R1 DVARYLRA	514	>CDKN2A-R1 DVARYLLA	280	234
>CDKN2A-R1 DVARYLRAA	1129	>CDKN2A-R1 DVARYLLAA	491	638
>CDKN2A-R1 DVARYLRAAA	376	>CDKN2A-R1 DVARYLLAAA	339	37
>CDKN2A-R1 DVARYLRAA	1540	>CDKN2A-R1 DVARYLLAA	297	1243
>CDKN2A-R1 DVARYLRAAA	877	>CDKN2A-R1 DVARYLLAAA	230	647
>CDKN2A-R1 RDVARYLR	243	>CDKN2A-R1 RDVARYLL	17991	17748
>CDKN2A-R1 RDVARYLR	15944	>CDKN2A-R1 RDVARYLL	399	15545
>CDKN2A-R1 RDVARYLR	79	>CDKN2A-R1 RDVARYLL	24139	24060
>CDKN2A-R1 RDVARYLR	17101	>CDKN2A-R1 RDVARYLL	342	16759

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>CDKN2A-R1 HRDVARYLR	9959	>CDKN2A-R1 HRDVARYLL	23	9936
>CDKN2A-R1 HRDVARYLR	1777	>CDKN2A-R1 HRDVARYLL	40	1737
>CDKN2A-R1 HRDVARYLR	370	>CDKN2A-R1 HRDVARYLL	33509	33139
>CDKN2A-R1 GHRDVARYLI	282	>CDKN2A-R1 GHRDVARYLI	17331	17049
>CDKN2A-R1 RGSNHARI	251	>CDKN2A-R1 IGSNHARI	1322	1071
>CDKN2A-R1 TRGSNHAR	9046	>CDKN2A-R1 TIGSNHAR	85	8961
>CDKN2A-R1 TRGSNHAR	2709	>CDKN2A-R1 TIGSNHAR	40	2669
>CDKN2A-R1 TRGSNHAR	575	>CDKN2A-R1 TIGSNHAR	121	454
>CDKN2A-R1 RYLRAAAGG	17735	>CDKN2A-R1 RYLRAAAGG	9	17726
>CDKN2A-R1 RYLRAAAGG	6704	>CDKN2A-R1 RYLRAAAGG	185	6519
>CDKN2A-R1 RYLRAAAGG	2626	>CDKN2A-R1 RYLRAAAGG	61	2565
>CDKN2A-R1 RYLRAAAGG	128	>CDKN2A-R1 RYLRAAAGG	4	124
>CDKN2A-R1 RYLRAAAGG	96	>CDKN2A-R1 RYLRAAAGG	25	71
>CDKN2A-R1 RYLRAAAGG	24	>CDKN2A-R1 RYLRAAAGG	13073	13049
>CDKN2A-R1 RYLRAAAGG	16618	>CDKN2A-R1 RYLRAAAGG	480	16138
>CDKN2A-R1 RYLRAAAGG	33	>CDKN2A-R1 RYLRAAAGG	23422	23389
>CDKN2A-R1 RYLRAAAGG	1507	>CDKN2A-R1 RYLRAAAGG	408	1099
>CDKN2A-R1 RYLRAAAGG	41506	>CDKN2A-R1 RYLRAAAGG	471	41035
>CDKN2A-R1 GTRGSNHAR	3722	>CDKN2A-R1 GTIGSNHAR	95	3627
>CDKN2A-R1 GTRGSNHA	16	>CDKN2A-R1 GTIGSNHA	3860	3844
>CDKN2A-R1 GTRGSNHAR	51	>CDKN2A-R1 GTIGSNHAR	8864	8813
>CDKN2A-R1 GTRGSNHAR	15	>CDKN2A-R1 GTIGSNHARI	3848	3833
>CDKN2A-R1 GTRGSNHAR	28	>CDKN2A-R1 GTIGSNHAR	45	17
>CDKN2A-R1 GTRGSNHAR	412	>CDKN2A-R1 GTIGSNHAR	1181	769
>CDKN2A-R1 GTRGSNHAR	205	>CDKN2A-R1 GTIGSNHAR	13	192
>CDKN2A-R1 GTRGSNHAR	1597	>CDKN2A-R1 GTIGSNHARI	130	1467
>CDKN2A-R1 GTRGSNHAR	10	>CDKN2A-R1 GTIGSNHARI	16	6
>CDKN2A-R1 GTRGSNHAR	470	>CDKN2A-R1 GTIGSNHAR	139	331
>CDKN2A-R1 GTRGSNHAR	585	>CDKN2A-R1 GTIGSNHARI	370	215
>CDKN2A-R1 RAAAGGTR	82	>CDKN2A-R1 RAAAGGTI	19410	19328
>CDKN2A-R1 RAAAGGTR	423	>CDKN2A-R1 RAAAGGTI	37221	36798
>CDKN2A-R1 RAAAGGTR	15830	>CDKN2A-R1 RAAAGGTI	174	15656
>CDKN2A-R1 RAAAGGTR	4639	>CDKN2A-R1 RAAAGGTI	26	4613
>CDKN2A-R1 RAAAGGTR	18493	>CDKN2A-R1 RAAAGGTI	148	18345
>CDKN2A-R1 RAAAGGTR	5306	>CDKN2A-R1 RAAAGGTI	408	4898
>CDKN2A-R1 RAAAGGTR	35297	>CDKN2A-R1 RAAAGGTI	14	35283
>CDKN2A-R1 LRAAAGGTR	199	>CDKN2A-R1 LRAAAGGTI	251	52
>CDKN2A-R1 LRAAAGGTR	5213	>CDKN2A-R1 LRAAAGGTI	190	5023
>CDKN2A-R1 LRAAAGGTR	42139	>CDKN2A-R1 LRAAAGGTI	458	41681
>CDKN2A-R1 YLRAAAGGTF	10834	>CDKN2A-R1 YLRAAAGGTI	86	10748
>CDKN2A-R1 YLRAAAGGTF	6411	>CDKN2A-R1 YLRAAAGGTI	32	6379

>CDKN2A-R1 YLRAAAGGTF	15973	>CDKN2A-R1 YLRAAAGGTI	30	15943
>CDKN2A-R1 YLRAAAGGTF	25377	>CDKN2A-R1 YLRAAAGGTI	110	25267
>CDKN2A-R1 YLRAAAGGTF	20524	>CDKN2A-R1 YLRAAAGGTI	298	20226
>CDKN2A-R1 YLRAAAGGTF	9188	>CDKN2A-R1 YLRAAAGGTI	10	9178
>CDKN2A-R1 YLRAAAGGTF	1207	>CDKN2A-R1 YLRAAAGGTI	324	883
>CDKN2A-R1 YLRAAAGGTF	5798	>CDKN2A-R1 YLRAAAGGTI	215	5583
>CDKN2A-R1 YLRAAAGGTF	729	>CDKN2A-R1 YLRAAAGGTI	104	625
>CDKN2A-R1 YLRAAAGGTF	231	>CDKN2A-R1 YLRAAAGGTI	33086	32855
>CDKN2A-R1 RGSNHARI	251	>CDKN2A-R1 TGSNHARI	2163	1912
>CDKN2A-R1 TRGSNHAR	25829	>CDKN2A-R1 TTGSNHAR	366	25463
>CDKN2A-R1 TRGSNHAR	9046	>CDKN2A-R1 TTGSNHAR	34	9012
>CDKN2A-R1 TRGSNHAR	15195	>CDKN2A-R1 TTGSNHAR	352	14843
>CDKN2A-R1 TRGSNHAR	2709	>CDKN2A-R1 TTGSNHAR	9	2700
>CDKN2A-R1 TRGSNHARI	19063	>CDKN2A-R1 TTGSNHARI	146	18917
>CDKN2A-R1 TRGSNHARI	19814	>CDKN2A-R1 TTGSNHARI	319	19495
>CDKN2A-R1 TRGSNHARI	26218	>CDKN2A-R1 TTGSNHARI	461	25757
>CDKN2A-R1 TRGSNHARI	36619	>CDKN2A-R1 TTGSNHARI	441	36178
>CDKN2A-R1 TRGSNHAR	575	>CDKN2A-R1 TTGSNHAR	486	89
>CDKN2A-R1 TRGSNHARI	9393	>CDKN2A-R1 TTGSNHARI	177	9216
>CDKN2A-R1 RYLRAAAGGTF	128	>CDKN2A-R1 RYLRAAAGGTI	96	32
>CDKN2A-R1 RYLRAAAGGTF	96	>CDKN2A-R1 RYLRAAAGGTI	603	507
>CDKN2A-R1 RYLRAAAGGTF	24	>CDKN2A-R1 RYLRAAAGGTI	15875	15851
>CDKN2A-R1 RYLRAAAGGTF	33	>CDKN2A-R1 RYLRAAAGGTI	17647	17614
>CDKN2A-R1 GTRGSNHAR	3722	>CDKN2A-R1 GTTGSNHAR	428	3294
>CDKN2A-R1 GTRGSNHA	16	>CDKN2A-R1 GTTGSNHA	4613	4597
>CDKN2A-R1 GTRGSNHAR	51	>CDKN2A-R1 GTTGSNHAR	9408	9357
>CDKN2A-R1 GTRGSNHAR	15	>CDKN2A-R1 GTTGSNHARI	4309	4294
>CDKN2A-R1 GTRGSNHAR	28	>CDKN2A-R1 GTTGSNHAR	80	52
>CDKN2A-R1 GTRGSNHAR	412	>CDKN2A-R1 GTTGSNHAR	1242	830
>CDKN2A-R1 GTRGSNHAR	205	>CDKN2A-R1 GTTGSNHAR	24	181
>CDKN2A-R1 GTRGSNHAR	1597	>CDKN2A-R1 GTTGSNHARI	252	1345
>CDKN2A-R1 GTRGSNHAR	10	>CDKN2A-R1 GTTGSNHARI	43	33
>CDKN2A-R1 GTRGSNHAR	2443	>CDKN2A-R1 GTTGSNHARI	130	2313
>CDKN2A-R1 GTRGSNHAR	470	>CDKN2A-R1 GTTGSNHAR	298	172
>CDKN2A-R1 GTRGSNHAR	585	>CDKN2A-R1 GTTGSNHARI	230	355
>CDKN2A-R1 RAAAGGTR	82	>CDKN2A-R1 RAAAGGTT	20334	20252
>CDKN2A-R1 RAAAGGTR	423	>CDKN2A-R1 RAAAGGTT	34370	33947
>CDKN2A-R1 LRAAAGGTR	199	>CDKN2A-R1 LRAAAGGTT	3278	3079
>CDKN2A-R1 YLRAAAGGTF	6411	>CDKN2A-R1 YLRAAAGGTI	131	6280
>CDKN2A-R1 YLRAAAGGTF	9188	>CDKN2A-R1 YLRAAAGGTI	95	9093
>CDKN2A-R1 YLRAAAGGTF	827	>CDKN2A-R1 YLRAAAGGTI	328	499
>CDKN2A-R1 YLRAAAGGTF	231	>CDKN2A-R1 YLRAAAGGTI	24436	24205
>CDKN2A-R2 RGRVEEVRA	447	>CDKN2A-R2 PGRVEEVRA	12884	12437

>CDKN2A-R2 RGRVEEVRAI	436	>CDKN2A-R2 PGRVEEVRAI	12317	11881
>CDKN2A-R2 RGRVEEVRAI	98	>CDKN2A-R2 PGRVEEVRAI	6392	6294
>CDKN2A-R2 ARGRVEEVR/	20913	>CDKN2A-R2 APGRVEEVR/	61	20852
>CDKN2A-R2 ARGRVEEVR/	27742	>CDKN2A-R2 APGRVEEVR/	473	27269
>CDKN2A-R2 ARGRVEEVR/	260	>CDKN2A-R2 APGRVEEVR/	28752	28492
>CDKN2A-R2 SADWLATAA	83	>CDKN2A-R2 SADWLATAA	35919	35836
>CDKN2A-R2 AARGRVEEV	2271	>CDKN2A-R2 AAPGRVEEV	202	2069
>CDKN2A-R2 AARGRVEEV	1099	>CDKN2A-R2 AAPGRVEEV	141	958
>CDKN2A-R2 AARGRVEEV	50	>CDKN2A-R2 AAPGRVEEV	30	20
>CDKN2A-R2 AARGRVEEVF	269	>CDKN2A-R2 AAPGRVEEVF	15793	15524
>CDKN2A-R2 AARGRVEEVF	265	>CDKN2A-R2 AAPGRVEEVF	1328	1063
>CDKN2A-R2 AARGRVEEVF	2065	>CDKN2A-R2 AAPGRVEEVF	326	1739
>CDKN2A-R2 AARGRVEEV	8453	>CDKN2A-R2 AAPGRVEEV	471	7982
>CDKN2A-R2 AAARGRVEE\	786	>CDKN2A-R2 AAAPGRVEE\	469	317
>CDKN2A-R2 AAARGRVEE\	33	>CDKN2A-R2 AAAPGRVEE\	14	19
>CDKN2A-R2 AAARGRVEE\	434	>CDKN2A-R2 AAAPGRVEE\	375	59
>CDKN2A-R2 AAARGRVEE\	127	>CDKN2A-R2 AAAPGRVEE\	127	0
>CDKN2A-R2 TAAARGRV	36	>CDKN2A-R2 TAAAPGRV	15	21
>CDKN2A-R2 TAAARGRVEI	34	>CDKN2A-R2 TAAAPGRVEI	12	22
>CDKN2A-R2 TAAARGRV	982	>CDKN2A-R2 TAAAPGRV	120	862
>CDKN2A-R2 TAAARGRVEI	810	>CDKN2A-R2 TAAAPGRVEI	140	670
>CDKN2A-R2 ATAAARGRV	589	>CDKN2A-R2 ATAAAPGRV	53	536
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>CDKN2A-R2 ATAAARGR	762	>CDKN2A-R2 ATAAAPGR	301	461
>CDKN2A-R2 ATAAARGR	366	>CDKN2A-R2 ATAAAPGR	592	226
>CDKN2A-R2 ATAAARGR	32	>CDKN2A-R2 ATAAAPGR	26	6
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>CDKN2A-R2 ATAAARGRV	745	>CDKN2A-R2 ATAAAPGRV	282	463
>CDKN2A-R2 ATAAARGR	623	>CDKN2A-R2 ATAAAPGR	239	384
>CDKN2A-R2 LATAAARGR\	710	>CDKN2A-R2 LATAAAPGR\	286	424
>CDKN2A-R2 LATAAARGR	105	>CDKN2A-R2 LATAAAPGR	34	71
>CDKN2A-R2 LATAAARGR\	107	>CDKN2A-R2 LATAAAPGR\	903	796
>CDKN2A-R2 WLATAAARG	336	>CDKN2A-R2 WLATAAAPG	106	230
>CDKN2A-R2 WLATAAARG	22	>CDKN2A-R2 WLATAAAPG	12	10
>CDKN2A-R2 WLATAAARG	8	>CDKN2A-R2 WLATAAAPG	4	4
>CDKN2A-R2 WLATAAARG	125	>CDKN2A-R2 WLATAAAPG	96	29
>CDKN2A-R2 WLATAAARG	25	>CDKN2A-R2 WLATAAAPG	7	18
>CDKN2A-R2 WLATAAARG	244	>CDKN2A-R2 WLATAAAPG	47	197
>CDKN2A-R2 WLATAAARG	27	>CDKN2A-R2 WLATAAAPG	13	14
>CDKN2A-R2 WLATAAARG	23	>CDKN2A-R2 WLATAAAPG	5	18
>CDKN2A-R2 WLATAAARG	3	>CDKN2A-R2 WLATAAAPG	3	0
>CDKN2A-R2 WLATAAAR	68	>CDKN2A-R2 WLATAAAP	31466	31398
>CDKN2A-R2 WLATAAARG	838	>CDKN2A-R2 WLATAAAPG	254	584

>CDKN2A-R2 WLATAAARG	37	>CDKN2A-R2 WLATAAARG	47	10
>CDKN2A-R2 WLATAAARG	350	>CDKN2A-R2 WLATAAARG	172	178
>CDKN2A-R2 WLATAAARG	58	>CDKN2A-R2 WLATAAARG	48	10
>CDKN2A-R2 WLATAAARG	328	>CDKN2A-R2 WLATAAARG	36154	35826
>CDKN2A-R2 WLATAAARG	572	>CDKN2A-R2 WLATAAARG	271	301
>CDKN2A-R2 DWLATAAARG	119	>CDKN2A-R2 DWLATAAARG	32551	32432
>CDKN2A-R2 DWLATAAARG	23	>CDKN2A-R2 DWLATAAARG	27904	27881
>CDKN2A-R2 DWLATAAARG	30	>CDKN2A-R2 DWLATAAARG	26	4
>CDKN2A-R2 DWLATAAARG	450	>CDKN2A-R2 DWLATAAARG	378	72
>CDKN2A-R2 RVEEVRAL	281	>CDKN2A-R2 RVEEVRAL	14370	14089
>CDKN2A-R2 RVEEVRAL	165	>CDKN2A-R2 RVEEVRAL	11569	11404
>CDKN2A-R2 GRVEEVRAL	22940	>CDKN2A-R2 GRVEEVRAL	94	22846
>CDKN2A-R2 GRVEEVRAL	383	>CDKN2A-R2 GRVEEVRAL	26055	25672
>CDKN2A-R2 GRVEEVRALL	45	>CDKN2A-R2 GRVEEVRALL	23181	23136
>CDKN2A-R2 GRVEEVRAL	22994	>CDKN2A-R2 GRVEEVRAL	375	22619
>CDKN2A-R2 GRVEEVRAL	189	>CDKN2A-R2 GRVEEVRAL	647	458
>CDKN2A-R2 GRVEEVRALL	338	>CDKN2A-R2 GRVEEVRALL	862	524
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>CDKN2A-R2 GRVEEVRALL	430	>CDKN2A-R2 GRVEEVRALL	28972	28542
>CDKN2A-R2 GRVEEVRAL	92	>CDKN2A-R2 GRVEEVRAL	23472	23380
>CDKN2A-R2 GRVEEVRALL	186	>CDKN2A-R2 GRVEEVRALL	27629	27443
>CDKN2A-R2 DWLATAAARG	30	>CDKN2A-R2 DWLATAAARG	29733	29703
>CDKN2A-R2 RGRVVEEVRA	447	>CDKN2A-R2 RGRVVEEVRA	16302	15855
>CDKN2A-R2 RGRVVEEVRA	436	>CDKN2A-R2 RGRVVEEVRA	16159	15723
>CDKN2A-R2 RGRVVEEVRA	98	>CDKN2A-R2 RGRVVEEVRA	12531	12433
>CDKN2A-R2 RGRVVEEVRA	14722	>CDKN2A-R2 RGRVVEEVRA	88	14634
>CDKN2A-R2 ARGVVEEVRA	260	>CDKN2A-R2 ARGVVEEVRA	199	61
>CDKN2A-R2 AARGVVEEV	1099	>CDKN2A-R2 AARGVVEEV	219	880
>CDKN2A-R2 AARGVVEEV	50	>CDKN2A-R2 AARGVVEEV	62	12
>CDKN2A-R2 AARGVVEEV	269	>CDKN2A-R2 AARGVVEEV	541	272
>CDKN2A-R2 AARGVVEEV	265	>CDKN2A-R2 AARGVVEEV	492	227
>CDKN2A-R2 AAARGVVEE\	786	>CDKN2A-R2 AAARGVVEE\	104	682
>CDKN2A-R2 AAARGVVEE\	1310	>CDKN2A-R2 AAARGVVEE\	454	856
>CDKN2A-R2 AAARGVVEE\	33	>CDKN2A-R2 AAARGVVEE\	38	5
>CDKN2A-R2 AAARGVVEE\	434	>CDKN2A-R2 AAARGVVEE\	1180	746
>CDKN2A-R2 AAARGVVEE\	127	>CDKN2A-R2 AAARGVVEE\	200	73
>CDKN2A-R2 TAAARGVVEE	741	>CDKN2A-R2 TAAARGVVEE	351	390
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>CDKN2A-R2 TAAARGRV	36	>CDKN2A-R2 TAAARGRV	19	17
>CDKN2A-R2 TAAARGVVEE	34	>CDKN2A-R2 TAAARGVVEE	31	3
>CDKN2A-R2 TAAARGRV	982	>CDKN2A-R2 TAAARGRV	75	907
>CDKN2A-R2 TAAARGVVEE	810	>CDKN2A-R2 TAAARGVVEE	123	687
>CDKN2A-R2 ATAAARGRV	589	>CDKN2A-R2 ATAAARGRV	100	489

>CDKN2A-R2 ATAAARGRV	1020	>CDKN2A-R2 ATAAARGPV	133	887
>CDKN2A-R2 ATAAARGR	366	>CDKN2A-R2 ATAAARGP	23713	23347
>CDKN2A-R2 ATAAARGR	32	>CDKN2A-R2 ATAAARGP	31220	31188
>CDKN2A-R2 ATAAARGRV	13	>CDKN2A-R2 ATAAARGPV	6	7
>CDKN2A-R2 ATAAARGRV	745	>CDKN2A-R2 ATAAARGPV	67	678
>CDKN2A-R2 ATAAARGRV	2878	>CDKN2A-R2 ATAAARGPV	257	2621
>CDKN2A-R2 LATAAARGR	105	>CDKN2A-R2 LATAAARGP	36298	36193
>CDKN2A-R2 LATAAARGR\	107	>CDKN2A-R2 LATAAARGP\	57	50
>CDKN2A-R2 WLATAAARG	336	>CDKN2A-R2 WLATAAARG	134	202
>CDKN2A-R2 WLATAAARG	22	>CDKN2A-R2 WLATAAARG	14	8
>CDKN2A-R2 WLATAAARG	8	>CDKN2A-R2 WLATAAARG	4	4
>CDKN2A-R2 WLATAAARG	125	>CDKN2A-R2 WLATAAARG	24	101
>CDKN2A-R2 WLATAAARG	25	>CDKN2A-R2 WLATAAARG	20	5
>CDKN2A-R2 WLATAAARG	244	>CDKN2A-R2 WLATAAARG	66	178
>CDKN2A-R2 WLATAAARG	27	>CDKN2A-R2 WLATAAARG	16	11
>CDKN2A-R2 WLATAAARG	23	>CDKN2A-R2 WLATAAARG	23	0
>CDKN2A-R2 WLATAAARG	3	>CDKN2A-R2 WLATAAARG	3	0
>CDKN2A-R2 WLATAAARG	37	>CDKN2A-R2 WLATAAARG	17	20
>CDKN2A-R2 WLATAAARG	350	>CDKN2A-R2 WLATAAARG	60	290
>CDKN2A-R2 WLATAAARG	58	>CDKN2A-R2 WLATAAARG	18349	18291
>CDKN2A-R2 RVEEVRAL	281	>CDKN2A-R2 QVEEVRAL	2578	2297
>CDKN2A-R2 RVEEVRALL	3120	>CDKN2A-R2 QVEEVRALL	97	3023
>CDKN2A-R2 RVEEVRAL	165	>CDKN2A-R2 QVEEVRAL	6057	5892
>CDKN2A-R2 GRVEEVRALL	9935	>CDKN2A-R2 GQVEEVRALL	352	9583
>CDKN2A-R2 GRVEEVRAL	17273	>CDKN2A-R2 GQVEEVRAL	364	16909
>CDKN2A-R2 GRVEEVRA	21388	>CDKN2A-R2 GQVEEVRA	257	21131
>CDKN2A-R2 GRVEEVRAL	11494	>CDKN2A-R2 GQVEEVRAL	82	11412
>CDKN2A-R2 GRVEEVRAL	1247	>CDKN2A-R2 GQVEEVRAL	174	1073
>CDKN2A-R2 GRVEEVRAL	383	>CDKN2A-R2 GQVEEVRAL	7191	6808
>CDKN2A-R2 GRVEEVRALL	45	>CDKN2A-R2 GQVEEVRALL	3341	3296
>CDKN2A-R2 GRVEEVRAL	189	>CDKN2A-R2 GQVEEVRAL	188	1
>CDKN2A-R2 GRVEEVRALL	338	>CDKN2A-R2 GQVEEVRALL	314	24
>CDKN2A-R2 GRVEEVRAL	8015	>CDKN2A-R2 GQVEEVRAL	220	7795
>CDKN2A-R2 GRVEEVRALL	5396	>CDKN2A-R2 GQVEEVRALL	175	5221
>CDKN2A-R2 GRVEEVRALL	430	>CDKN2A-R2 GQVEEVRALL	12053	11623
>CDKN2A-R2 GRVEEVRAL	92	>CDKN2A-R2 GQVEEVRAL	2116	2024
>CDKN2A-R2 GRVEEVRALL	186	>CDKN2A-R2 GQVEEVRALL	7244	7058
>CDKN2A-R2 DWLATAAAR	30	>CDKN2A-R2 DWLATAAAR	6550	6520
>CDKN2A-R2 RGRVEEVRA	447	>CDKN2A-R2 RGQVEEVRA	12499	12052
>CDKN2A-R2 RGRVEEVRAL	436	>CDKN2A-R2 RGQVEEVRAL	12813	12377
>CDKN2A-R2 RGRVEEVRAL	98	>CDKN2A-R2 RGQVEEVRAL	7315	7217
>CDKN2A-R2 ARGRVEEVR/	260	>CDKN2A-R2 ARGQVEEVR/	283	23
>CDKN2A-R2 AARGRVEEV	50	>CDKN2A-R2 AARGQVEEV	44	6



>CDKN2A-R2 AARGRVEEV	269	>CDKN2A-R2 AARGQVEEV	269	0
>CDKN2A-R2 AARGRVEEV	265	>CDKN2A-R2 AARGQVEEV	762	497
>CDKN2A-R2 AAARGRVEE\	786	>CDKN2A-R2 AAARGQVEE'	300	486
>CDKN2A-R2 AAARGRVEE\	1310	>CDKN2A-R2 AAARGQVEE'	398	912
>CDKN2A-R2 AAARGRVEE\	33	>CDKN2A-R2 AAARGQVEE'	23	10
>CDKN2A-R2 AAARGRVEE\	434	>CDKN2A-R2 AAARGQVEE'	961	527
>CDKN2A-R2 AAARGRVEE\	127	>CDKN2A-R2 AAARGQVEE'	153	26
>CDKN2A-R2 TAAARGRVEE	559	>CDKN2A-R2 TAAARGQVEE	354	205
>CDKN2A-R2 TAAARGRVEE	881	>CDKN2A-R2 TAAARGQVEE	359	522
>CDKN2A-R2 TAAARGRV	36	>CDKN2A-R2 TAAARGQV	33	3
>CDKN2A-R2 TAAARGRVEE	34	>CDKN2A-R2 TAAARGQVEE	22	12
>CDKN2A-R2 TAAARGRV	982	>CDKN2A-R2 TAAARGQV	275	707
>CDKN2A-R2 TAAARGRVEE	810	>CDKN2A-R2 TAAARGQVEE	399	411
>CDKN2A-R2 ATAAARGRV	589	>CDKN2A-R2 ATAAARGQV	367	222
>CDKN2A-R2 ATAAARGRV	561	>CDKN2A-R2 ATAAARGQV	405	156
>CDKN2A-R2 ATAAARGR	366	>CDKN2A-R2 ATAAARGQ	19939	19573
>CDKN2A-R2 ATAAARGR	32	>CDKN2A-R2 ATAAARGQ	7687	7655
>CDKN2A-R2 ATAAARGRV	13	>CDKN2A-R2 ATAAARGQV	15	2
>CDKN2A-R2 ATAAARGRV	745	>CDKN2A-R2 ATAAARGQV	192	553
>CDKN2A-R2 LATAAARGR	105	>CDKN2A-R2 LATAAARGQ	15065	14960
>CDKN2A-R2 LATAAARGR\	107	>CDKN2A-R2 LATAAARGQ\	144	37
>CDKN2A-R2 WLATAAARG	336	>CDKN2A-R2 WLATAAARG	326	10
>CDKN2A-R2 WLATAAARG	22	>CDKN2A-R2 WLATAAARG	17	5
>CDKN2A-R2 WLATAAARG	8	>CDKN2A-R2 WLATAAARG	7	1
>CDKN2A-R2 WLATAAARG	125	>CDKN2A-R2 WLATAAARG	78	47
>CDKN2A-R2 WLATAAARG	25	>CDKN2A-R2 WLATAAARG	21	4
>CDKN2A-R2 WLATAAARG	244	>CDKN2A-R2 WLATAAARG	229	15
>CDKN2A-R2 WLATAAARG	27	>CDKN2A-R2 WLATAAARG	17	10
>CDKN2A-R2 WLATAAARG	23	>CDKN2A-R2 WLATAAARG	11	12
>CDKN2A-R2 WLATAAARG	11218	>CDKN2A-R2 WLATAAARG	457	10761
>CDKN2A-R2 WLATAAARG	3	>CDKN2A-R2 WLATAAARG	3	0
>CDKN2A-R2 WLATAAARG	37	>CDKN2A-R2 WLATAAARG	46	9
>CDKN2A-R2 WLATAAARG	350	>CDKN2A-R2 WLATAAARG	147	203
>CDKN2A-R2 WLATAAARG	58	>CDKN2A-R2 WLATAAARG	3088	3030
>CDKN2A-R2 RALLEAGAL	18	>CDKN2A-R2 QALLEAGAL	682	664
>CDKN2A-R2 VRALLEAGA	22068	>CDKN2A-R2 VQALLEAGA	310	21758
>CDKN2A-R2 VRALLEAGAL	145	>CDKN2A-R2 VQALLEAGAL	12296	12151
>CDKN2A-R2 VRALLEAGAL	515	>CDKN2A-R2 VQALLEAGAL	384	131
>CDKN2A-R2 VRALLEAGAL	289	>CDKN2A-R2 VQALLEAGAL	10372	10083
>CDKN2A-R2 AAARGRVEE\	434	>CDKN2A-R2 AAARGRVEE\	19165	18731
>CDKN2A-R2 AAARGRVEE\	127	>CDKN2A-R2 AAARGRVEE\	14568	14441
>CDKN2A-R2 EVRALLEAGA	51	>CDKN2A-R2 EVQALLEAGA	76	25
>CDKN2A-R2 EVRALLEAGA	293	>CDKN2A-R2 EVQALLEAGA	2941	2648

>CDKN2A-R2 EVRALLEA	1124	>CDKN2A-R2 EVQALLEA	162	962
>CDKN2A-R2 EVRALLEAGA	497	>CDKN2A-R2 EVQALLEAGA	545	48
>CDKN2A-R2 EVRALLEAGA	890	>CDKN2A-R2 EVQALLEAGA	157	733
>CDKN2A-R2 EVRALLEAGA	1463	>CDKN2A-R2 EVQALLEAGA	289	1174
>CDKN2A-R2 EEVRALLE	108	>CDKN2A-R2 EEVQALLE	75	33
>CDKN2A-R2 EEVRALLEA	326	>CDKN2A-R2 EEVQALLEA	152	174
>CDKN2A-R2 EEVRALLEA	454	>CDKN2A-R2 EEVQALLEA	273	181
>CDKN2A-R2 EEVRALLEA	14	>CDKN2A-R2 EEVQALLEA	10	4
>CDKN2A-R2 EEVRALLEAG	18	>CDKN2A-R2 EEVQALLEAG	14	4
>CDKN2A-R2 VEEVRALL	176	>CDKN2A-R2 VEEVQALL	57	119
>CDKN2A-R2 VEEVRALL	143	>CDKN2A-R2 VEEVQALL	98	45
>CDKN2A-R2 VEEVRALLEA	173	>CDKN2A-R2 VEEVQALLEA	178	5
>CDKN2A-R2 RVEEVRALL	1769	>CDKN2A-R2 RVEEVQALL	349	1420
>CDKN2A-R2 RVEEVRAL	1989	>CDKN2A-R2 RVEEVQAL	456	1533
>CDKN2A-R2 RVEEVRALLE,	633	>CDKN2A-R2 RVEEVQALLE	445	188
>CDKN2A-R2 RVEEVRAL	281	>CDKN2A-R2 RVEEVQAL	224	57
>CDKN2A-R2 RVEEVRAL	165	>CDKN2A-R2 RVEEVQAL	876	711
>CDKN2A-R2 GRVEEVRAL	1247	>CDKN2A-R2 GRVEEVQAL	418	829
>CDKN2A-R2 GRVEEVRAL	383	>CDKN2A-R2 GRVEEVQAL	593	210
>CDKN2A-R2 GRVEEVRALL	45	>CDKN2A-R2 GRVEEVQALL	33	12
>CDKN2A-R2 GRVEEVRAL	189	>CDKN2A-R2 GRVEEVQAL	46	143
>CDKN2A-R2 GRVEEVRALL	338	>CDKN2A-R2 GRVEEVQALL	244	94
>CDKN2A-R2 GRVEEVRALL	430	>CDKN2A-R2 GRVEEVQALL	552	122
>CDKN2A-R2 GRVEEVRAL	92	>CDKN2A-R2 GRVEEVQAL	219	127
>CDKN2A-R2 GRVEEVRALL	186	>CDKN2A-R2 GRVEEVQALL	132	54
>CDKN2A-R2 RGRVEEVRA	447	>CDKN2A-R2 RGRVEEVQA	330	117
>CDKN2A-R2 RGRVEEVRAL	436	>CDKN2A-R2 RGRVEEVQAI	343	93
>CDKN2A-R2 RGRVEEVRAL	98	>CDKN2A-R2 RGRVEEVQAI	137	39
>CDKN2A-R2 RGRVEEVRAL	848	>CDKN2A-R2 RGRVEEVQAI	470	378
>CDKN2A-R2 ARGRVEEVR/	260	>CDKN2A-R2 ARGRVEEVQ/	483	223
>CDKN2A-R2 AARGRVEEVI	269	>CDKN2A-R2 AARGRVEEVI	205	64
>CDKN2A-R2 AARGRVEEVI	265	>CDKN2A-R2 AARGRVEEVI	27037	26772
>CDKN2A-R5 RVAELLLL	83	>CDKN2A-R5 QVAELLLL	372	289
>CDKN2A-R5 RVAELLLLHG,	171	>CDKN2A-R5 QVAELLLLHG	849	678
>CDKN2A-R5 RVAELLLL	33	>CDKN2A-R5 QVAELLLL	47	14
>CDKN2A-R5 RVAELLLLHG,	79	>CDKN2A-R5 QVAELLLLHG	99	20
>CDKN2A-R5 RVAELLLL	70	>CDKN2A-R5 QVAELLLL	273	203
>CDKN2A-R5 RVAELLLLHG,	23	>CDKN2A-R5 QVAELLLLHG	76	53
>CDKN2A-R5 RVAELLLL	14	>CDKN2A-R5 QVAELLLL	36	22
>CDKN2A-R5 RVAELLLLHG,	12	>CDKN2A-R5 QVAELLLLHG	25	13
>CDKN2A-R5 RVAELLLL	392	>CDKN2A-R5 QVAELLLL	2645	2253
>CDKN2A-R5 RVAELLLLHG,	305	>CDKN2A-R5 QVAELLLLHG	2288	1983
>CDKN2A-R5 RVAELLLL	393	>CDKN2A-R5 QVAELLLL	1298	905

>CDKN2A-R5 RVAELLLLHG,	459	>CDKN2A-R5 QVAELLLLHG	1393	934
>CDKN2A-R5 RVAELLLLH	226	>CDKN2A-R5 QVAELLLLH	3038	2812
>CDKN2A-R5 RVAELLLLH	230	>CDKN2A-R5 QVAELLLLH	1535	1305
>CDKN2A-R5 RVAELLLLH	877	>CDKN2A-R5 QVAELLLLH	333	544
>CDKN2A-R5 RVAELLLL	424	>CDKN2A-R5 QVAELLLL	3387	2963
>CDKN2A-R5 RVAELLLL	1847	>CDKN2A-R5 QVAELLLL	75	1772
>CDKN2A-R5 RVAELLLLHG,	370	>CDKN2A-R5 QVAELLLLHG	19	351
>CDKN2A-R5 RVAELLLL	1360	>CDKN2A-R5 QVAELLLL	92	1268
>CDKN2A-R5 RVAELLLLHG,	428	>CDKN2A-R5 QVAELLLLHG	37	391
>CDKN2A-R5 RVAELLLLH	65	>CDKN2A-R5 QVAELLLLH	529	464
>CDKN2A-R5 RVAELLLL	300	>CDKN2A-R5 QVAELLLL	4369	4069
>CDKN2A-R5 RVAELLLL	268	>CDKN2A-R5 QVAELLLL	8376	8108
>CDKN2A-R5 RVAELLLL	364	>CDKN2A-R5 QVAELLLL	17019	16655
>CDKN2A-R5 ARVAELLLL	20467	>CDKN2A-R5 AQVAELLLL	309	20158
>CDKN2A-R5 ARVAELL	9565	>CDKN2A-R5 AQVAELL	237	9328
>CDKN2A-R5 ARVAELLLL	5295	>CDKN2A-R5 AQVAELLLL	73	5222
>CDKN2A-R5 ARVAELLLL	12807	>CDKN2A-R5 AQVAELLLL	219	12588
>CDKN2A-R5 ARVAELL	11904	>CDKN2A-R5 AQVAELL	16	11888
>CDKN2A-R5 ARVAELLLL	7334	>CDKN2A-R5 AQVAELLLL	7	7327
>CDKN2A-R5 ARVAELL	836	>CDKN2A-R5 AQVAELL	156	680
>CDKN2A-R5 ARVAELLLL	918	>CDKN2A-R5 AQVAELLLL	200	718
>CDKN2A-R5 ARVAELL	180	>CDKN2A-R5 AQVAELL	4177	3997
>CDKN2A-R5 ARVAELLLL	120	>CDKN2A-R5 AQVAELLLL	2987	2867
>CDKN2A-R5 ARVAELLLLH	215	>CDKN2A-R5 AQVAELLLLH	14248	14033
>CDKN2A-R5 ARVAELL	222	>CDKN2A-R5 AQVAELL	169	53
>CDKN2A-R5 ARVAELLLL	229	>CDKN2A-R5 AQVAELLLL	173	56
>CDKN2A-R5 ARVAELLLL	17269	>CDKN2A-R5 AQVAELLLL	497	16772
>CDKN2A-R5 ARVAELL	10778	>CDKN2A-R5 AQVAELL	417	10361
>CDKN2A-R5 ARVAELLLL	12638	>CDKN2A-R5 AQVAELLLL	485	12153
>CDKN2A-R5 ARVAELLLL	123	>CDKN2A-R5 AQVAELLLL	3188	3065
>CDKN2A-R5 ARVAELLLL	23	>CDKN2A-R5 AQVAELLLL	518	495
>CDKN2A-R5 SARVAELL	380	>CDKN2A-R5 SAQVAELL	12406	12026
>CDKN2A-R5 SARVAELL	39	>CDKN2A-R5 SAQVAELL	7835	7796
>CDKN2A-R5 SARVAELLLL	38	>CDKN2A-R5 SAQVAELLLL	7248	7210
>CDKN2A-R5 SARVAELL	377	>CDKN2A-R5 SAQVAELL	3163	2786
>CDKN2A-R5 SARVAELL	179	>CDKN2A-R5 SAQVAELL	1850	1671
>CDKN2A-R5 SARVAELLLL	137	>CDKN2A-R5 SAQVAELLLL	1495	1358
>CDKN2A-R5 GSARVAEL	696	>CDKN2A-R5 GSAQVAEL	423	273
>CDKN2A-R5 GSARVAELL	687	>CDKN2A-R5 GSAQVAELL	406	281
>CDKN2A-R5 GSARVAELLLL	760	>CDKN2A-R5 GSAQVAELLLL	498	262
>CDKN2A-R5 GSARVAEL	282	>CDKN2A-R5 GSAQVAEL	80	202
>CDKN2A-R5 GSARVAELL	1361	>CDKN2A-R5 GSAQVAELL	362	999
>CDKN2A-R5 GSARVAELLLL	950	>CDKN2A-R5 GSAQVAELL	257	693

>CDKN2A-R5 GSARVAELL	237	>CDKN2A-R5 GSAQVAELL	530	293
>CDKN2A-R5 GSARVAELLL	255	>CDKN2A-R5 GSAQVAELLL	471	216
>CDKN2A-R5 GSARVAELLLI	270	>CDKN2A-R5 GSAQVAELLL	490	220
>CDKN2A-R5 GSARVAELL	753	>CDKN2A-R5 GSAQVAELL	266	487
>CDKN2A-R5 GSARVAELLL	720	>CDKN2A-R5 GSAQVAELLL	342	378
>CDKN2A-R5 GSARVAELLLI	264	>CDKN2A-R5 GSAQVAELLL	119	145
>CDKN2A-R5 GSARVAELL	24	>CDKN2A-R5 GSAQVAELL	19	5
>CDKN2A-R5 GSARVAELLL	452	>CDKN2A-R5 GSAQVAELLL	1417	965
>CDKN2A-R5 GSARVAELLLI	66	>CDKN2A-R5 GSAQVAELLL	53	13
>CDKN2A-R5 MGSARVAEL	66	>CDKN2A-R5 MGSAQVAEL	45	21
>CDKN2A-R5 MGSARVAELI	399	>CDKN2A-R5 MGSAQVAEL	304	95
>CDKN2A-R5 MGSARVAEL	530	>CDKN2A-R5 MGSAQVAEL	302	228
>CDKN2A-R5 MGSARVAEL	218	>CDKN2A-R5 MGSAQVAEL	5461	5243
>CDKN2A-R5 MMGSARVAI	177	>CDKN2A-R5 MMGSAQVA	126	51
>CDKN2A-R5 MMGSARVAI	143	>CDKN2A-R5 MMGSAQVA	63	80
>CDKN2A-R5 MMGSARVA	831	>CDKN2A-R5 MMGSAQVA	133	698
>CDKN2A-R5 MMGSARVAI	24	>CDKN2A-R5 MMGSAQVA	21	3
>CDKN2A-R5 MMGSARVAI	8	>CDKN2A-R5 MMGSAQVA	5	3
>CDKN2A-R5 MMGSARVA	224	>CDKN2A-R5 MMGSAQVA	95	129
>CDKN2A-R5 MMGSARVAI	52	>CDKN2A-R5 MMGSAQVA	59	7
>CDKN2A-R5 MMGSARVAI	173	>CDKN2A-R5 MMGSAQVA	105	68
>CDKN2A-R5 MMGSARVAI	436	>CDKN2A-R5 MMGSAQVA	286	150
>CDKN2A-R5 MMGSARVA	187	>CDKN2A-R5 MMGSAQVA	40	147
>CDKN2A-R5 MMGSARVAI	11	>CDKN2A-R5 MMGSAQVA	5	6
>CDKN2A-R5 MMGSARVAI	24	>CDKN2A-R5 MMGSAQVA	9	15
>CDKN2A-R5 MMGSARVA	1664	>CDKN2A-R5 MMGSAQVA	158	1506
>CDKN2A-R5 MMGSARVAI	42	>CDKN2A-R5 MMGSAQVA	9	33
>CDKN2A-R5 MMGSARVAI	190	>CDKN2A-R5 MMGSAQVA	48	142
>CDKN2A-R5 MMGSARVA	1208	>CDKN2A-R5 MMGSAQVA	110	1098
>CDKN2A-R5 MMGSARVAI	46	>CDKN2A-R5 MMGSAQVA	16	30
>CDKN2A-R5 MMGSARVAI	81	>CDKN2A-R5 MMGSAQVA	29	52
>CDKN2A-R5 MMGSARVA	3077	>CDKN2A-R5 MMGSAQVA	139	2938
>CDKN2A-R5 MMGSARVAI	33	>CDKN2A-R5 MMGSAQVA	6	27
>CDKN2A-R5 MMGSARVAI	112	>CDKN2A-R5 MMGSAQVA	15	97
>CDKN2A-R5 MMGSARVA	95	>CDKN2A-R5 MMGSAQVA	12	83
>CDKN2A-R5 MMGSARVAI	3	>CDKN2A-R5 MMGSAQVA	3	0
>CDKN2A-R5 MMGSARVAI	8	>CDKN2A-R5 MMGSAQVA	6	2
>CDKN2A-R5 MMGSARVA	771	>CDKN2A-R5 MMGSAQVA	462	309
>CDKN2A-R5 MMGSARVAI	163	>CDKN2A-R5 MMGSAQVA	156	7
>CDKN2A-R5 MMGSARVAI	90	>CDKN2A-R5 MMGSAQVA	84	6
>CDKN2A-R5 MMGSARVAI	402	>CDKN2A-R5 MMGSAQVA	442	40
>CDKN2A-R5 MMMGSARV	11	>CDKN2A-R5 MMMGSAQV	8	3
>CDKN2A-R5 MMMGSARV	549	>CDKN2A-R5 MMMGSAQV	85	464

>CDKN2A-R5 MMMGSARV	19	>CDKN2A-R5 MMMGSAQ\	12	7
>CDKN2A-R5 MMMGSARV	3	>CDKN2A-R5 MMMGSAQ\	2	1
>CDKN2A-R5 MMMGSARV	102	>CDKN2A-R5 MMMGSAQ\	17	85
>CDKN2A-R5 MMMGSARV	4	>CDKN2A-R5 MMMGSAQ\	2	2
>CDKN2A-R5 MMMGSARV	2	>CDKN2A-R5 MMMGSAQ\	2	0
>CDKN2A-R5 MMMGSARV	11	>CDKN2A-R5 MMMGSAQ\	8	3
>CDKN2A-R5 MMMGSARV	5	>CDKN2A-R5 MMMGSAQ\	4	1
>CDKN2A-R5 MMMGSARV	8	>CDKN2A-R5 MMMGSAQ\	5	3
>CDKN2A-R5 MMMGSARV	437	>CDKN2A-R5 MMMGSAQ\	48	389
>CDKN2A-R5 MMMGSARV	27	>CDKN2A-R5 MMMGSAQ\	13	14
>CDKN2A-R5 MMMGSARV	2	>CDKN2A-R5 MMMGSAQ\	2	0
>CDKN2A-R5 MMMGSARV	29	>CDKN2A-R5 MMMGSAQ\	10	19
>CDKN2A-R5 MMMGSARV	3	>CDKN2A-R5 MMMGSAQ\	3	0
>CDKN2A-R5 MMMGSARV	3	>CDKN2A-R5 MMMGSAQ\	3	0
>CDKN2A-R5 MMMGSARV	281	>CDKN2A-R5 MMMGSAQ\	29	252
>CDKN2A-R5 MMMGSARV	9	>CDKN2A-R5 MMMGSAQ\	5	4
>CDKN2A-R5 MMMGSARV	8	>CDKN2A-R5 MMMGSAQ\	6	2
>CDKN2A-R5 MMMGSARV	1302	>CDKN2A-R5 MMMGSAQ\	86	1216
>CDKN2A-R5 MMMGSARV	35	>CDKN2A-R5 MMMGSAQ\	15	20
>CDKN2A-R5 MMMGSARV	2	>CDKN2A-R5 MMMGSAQ\	2	0
>CDKN2A-R5 MMMGSARV	91	>CDKN2A-R5 MMMGSAQ\	12	79
>CDKN2A-R5 MMMGSARV	4	>CDKN2A-R5 MMMGSAQ\	2	2
>CDKN2A-R5 MMMGSARV	2	>CDKN2A-R5 MMMGSAQ\	1	1
>CDKN2A-R5 MMMGSARV	21	>CDKN2A-R5 MMMGSAQ\	4	17
>CDKN2A-R5 MMMGSARV	3	>CDKN2A-R5 MMMGSAQ\	2	1
>CDKN2A-R5 MMMGSARV	1020	>CDKN2A-R5 MMMGSAQ\	448	572
>CDKN2A-R5 MMMGSARV	179	>CDKN2A-R5 MMMGSAQ\	182	3
>CDKN2A-R5 MMMGSARV	29	>CDKN2A-R5 MMMGSAQ\	30	1
>CDKN2A-R5 MMMGSARV	235	>CDKN2A-R5 MMMGSAQ\	150	85
>CDKN2A-R5 MMMGSARV	51	>CDKN2A-R5 MMMGSAQ\	16	35
>CDKN2A-R5 MMMGSARV	819	>CDKN2A-R5 MMMGSAQ\	364	455
>CDKN2A-R5 MMMGSARV	188	>CDKN2A-R5 MMMGSAQ\	314	126
>CDKN2A-R5 MMMGSARV	301	>CDKN2A-R5 MMMGSAQ\	203	98
>CDKN2A-R5 MMMGSARV	191	>CDKN2A-R5 MMMGSAQ\	113	78
>CDKN2A-R5 MMMGSARV	84	>CDKN2A-R5 MMMGSAQ\	70	14
>CDKN2A-R5 MMMGSARV	540	>CDKN2A-R5 MMMGSAQ\	445	95
>CDKN2A-R5 MMMGSARV	237	>CDKN2A-R5 MMMGSAQ\	106	131
>CDKN2A-R5 MMMGSARV	342	>CDKN2A-R5 MMMGSAQ\	87	255
>CDKN2A-R5 MMMGSARV	31	>CDKN2A-R5 MMMGSAQ\	22	9
>CDKN2A-R5 MMMGSARV	55	>CDKN2A-R5 MMMGSAQ\	46	9
>CDKN2A-R5 MMMGSARV	802	>CDKN2A-R5 MMMGSAQ\	348	454
>CDKN2A-R5 MMMGSARV	465	>CDKN2A-R5 MMMGSAQ\	177	288
>CDKN2A-R5 MMMGSARV	18	>CDKN2A-R5 MMMGSAQ\	13	5

>CDKN2A-R5 MMMGSARV	185	>CDKN2A-R5 MMMGSAQV	155	30
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>CDKN2A-R5 VMMMGSAR	11	>CDKN2A-R5 VMMMGSAC	11	0
>CDKN2A-R5 VMMMGSAR	9	>CDKN2A-R5 VMMMGSAC	7	2
>CDKN2A-R5 VMMMGSAR	425	>CDKN2A-R5 VMMMGSAC	299	126
>CDKN2A-R5 VMMMGSAR	3	>CDKN2A-R5 VMMMGSAC	3	0
>CDKN2A-R5 VMMMGSAR	226	>CDKN2A-R5 VMMMGSAC	284	58
>CDKN2A-R5 VMMMGSAR	19	>CDKN2A-R5 VMMMGSAC	15	4
>CDKN2A-R5 VMMMGSAR	2	>CDKN2A-R5 VMMMGSAC	2	0
>CDKN2A-R5 VMMMGSAR	55	>CDKN2A-R5 VMMMGSAC	22	33
>CDKN2A-R5 VMMMGSAR	3	>CDKN2A-R5 VMMMGSAC	3	0
>CDKN2A-R5 VMMMGSAR	239	>CDKN2A-R5 VMMMGSAC	48	191
>CDKN2A-R5 VMMMGSAR	7	>CDKN2A-R5 VMMMGSAC	6	1
>CDKN2A-R5 VMMMGSAR	625	>CDKN2A-R5 VMMMGSAC	93	532
>CDKN2A-R5 VMMMGSAR	2	>CDKN2A-R5 VMMMGSAC	1	1
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>CDKN2A-R5 VMMMGSAR	54	>CDKN2A-R5 VMMMGSAC	10	44
>CDKN2A-R5 VMMMGSAR	212	>CDKN2A-R5 VMMMGSAC	12392	12180
>CDKN2A-R5 VMMMGSAR	168	>CDKN2A-R5 VMMMGSAC	18800	18632
>CDKN2A-R5 VMMMGSAR	20	>CDKN2A-R5 VMMMGSAC	11646	11626
>CDKN2A-R5 VMMMGSAR	120	>CDKN2A-R5 VMMMGSAC	15709	15589
>CDKN2A-R5 VMMMGSAR	462	>CDKN2A-R5 VMMMGSAC	18785	18323
>CDKN2A-R5 VMMMGSAR	1475	>CDKN2A-R5 VMMMGSAC	389	1086
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>CDKN2A-R5 VMMMGSAR	175	>CDKN2A-R5 VMMMGSAC	134	41
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>CDKN2A-R5 VMMMGSAR	146	>CDKN2A-R5 VMMMGSAC	747	601
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>CDKN2A-R5 VMMMGSAR	721	>CDKN2A-R5 VMMMGSAC	270	451
>CDKN2A-R5 QVMMMGS/	419	>CDKN2A-R5 QVMMMGS/	531	112
>CDKN2A-R5 QVMMMGS/	61	>CDKN2A-R5 QVMMMGS/	59	2
>CDKN2A-R5 QVMMMGS/	313	>CDKN2A-R5 QVMMMGS/	197	116
>CDKN2A-R5 QVMMMGS/	248	>CDKN2A-R5 QVMMMGS/	111	137
>CDKN2A-R5 QVMMMGS/	41	>CDKN2A-R5 QVMMMGS/	32	9
>CDKN2A-R5 QVMMMGS/	114	>CDKN2A-R5 QVMMMGS/	14478	14364
>CDKN2A-R5 QVMMMGS/	55	>CDKN2A-R5 QVMMMGS/	15769	15714
>CDKN2A-R5 QVMMMGS/	218	>CDKN2A-R5 QVMMMGS/	24293	24075
>CDKN2A-R5 QVMMMGS/	20	>CDKN2A-R5 QVMMMGS/	2947	2927
>CDKN2A-R5 QVMMMGS/	215	>CDKN2A-R5 QVMMMGS/	291	76
>CDKN2A-R5 QVMMMGS/	78	>CDKN2A-R5 QVMMMGS/	37	41
>CDKN2A-R5 IQVMMMGS.	598	>CDKN2A-R5 IQVMMMGS.	405	193

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>CDKN2A-R5 IQVMMMGS,	240	>CDKN2A-R5 IQVMMMGS,	19388	19148
>CDKN2A-R5 IQVMMMGS,	117	>CDKN2A-R5 IQVMMMGS,	25551	25434
>CDKN2A-R5 IQVMMMGS,	187	>CDKN2A-R5 IQVMMMGS,	782	595
>CDKN2A-R5 IQVMMMGS,	508	>CDKN2A-R5 IQVMMMGS,	287	221
>CDKN2A-R8 RPHVDAAREC	58	>CDKN2A-R8 LPVHDAAREC	531	473
>CDKN2A-R8 RPHVDAAREC	287	>CDKN2A-R8 LPVHDAAREC	691	404
>CDKN2A-R8 RPHVDAAR	1321	>CDKN2A-R8 LPVHDAAR	154	1167
>CDKN2A-R8 RPHVDAAREC	112	>CDKN2A-R8 LPVHDAAREC	22	90
>CDKN2A-R8 RPHVDAAREC	1685	>CDKN2A-R8 LPVHDAAREC	94	1591
>CDKN2A-R8 RPHVDAAREC	965	>CDKN2A-R8 LPVHDAAREC	87	878
>CDKN2A-R8 RPHVDAAR	319	>CDKN2A-R8 LPVHDAAR	2715	2396
>CDKN2A-R8 TRPVHDAAR	14004	>CDKN2A-R8 TLPVHDAAR	455	13549
>CDKN2A-R8 TRPVHDAAR	8359	>CDKN2A-R8 TLPVHDAAR	388	7971
>CDKN2A-R8 LTRPVHDAA	7554	>CDKN2A-R8 LTLPVHDAA	270	7284
>CDKN2A-R8 LTRPVHDAA	8131	>CDKN2A-R8 LTLPVHDAA	303	7828
>CDKN2A-R8 LTRPVHDA	48	>CDKN2A-R8 LTLPVHDA	4921	4873
>CDKN2A-R8 LTRPVHDAA	24	>CDKN2A-R8 LTLPVHDAA	3345	3321
>CDKN2A-R8 LTRPVHDAAF	56	>CDKN2A-R8 LTLPVHDAAR	4571	4515
>CDKN2A-R8 LTRPVHDAAF	107	>CDKN2A-R8 LTLPVHDAAR	109	2
>CDKN2A-R8 LTRPVHDAAF	47	>CDKN2A-R8 LTLPVHDAAR	23	24
>CDKN2A-R8 LTRPVHDAA	2875	>CDKN2A-R8 LTLPVHDAA	455	2420
>CDKN2A-R8 TLTRPVHDAA	280	>CDKN2A-R8 TLTPVHDAA	739	459
>CDKN2A-R8 TLTRPVHDA	12	>CDKN2A-R8 TLTPVHDA	40	28
>CDKN2A-R8 TLTRPVHDAA	88	>CDKN2A-R8 TLTPVHDAA	268	180
>CDKN2A-R8 TLTRPVHDAA	159	>CDKN2A-R8 TLTPVHDAA	297	138
>CDKN2A-R8 TLTRPVHDAA	411	>CDKN2A-R8 TLTPVHDAA	247	164
>CDKN2A-R8 TLTRPVHDAA	68	>CDKN2A-R8 TLTPVHDAA	67	1
>CDKN2A-R8 DPATLTRPV	485	>CDKN2A-R8 DPATLTLPV	207	278
>CDKN2A-R8 DPATLTRPV	197	>CDKN2A-R8 DPATLTLPV	46	151
>CDKN2A-R8 DPATLTRPV	149	>CDKN2A-R8 DPATLTLPV	271	122
>CDKN2A-R8 DPATLTRPV	668	>CDKN2A-R8 DPATLTLPV	142	526
>CDKN2A-R8 ADPATLTRPV	498	>CDKN2A-R8 ADPATLTLPV	160	338
>CDKN2A-R8 CADPATLTRP	712	>CDKN2A-R8 CADPATLTLP'	131	581
>CDKN2A-R8 CADPATLTR	353	>CDKN2A-R8 CADPATLTL	29089	28736
>CDKN2A-R8 CADPATLTRP	585	>CDKN2A-R8 CADPATLTLP'	135	450
>CDKN2A-R8 CADPATLTR	17210	>CDKN2A-R8 CADPATLTL	114	17096
>CDKN2A-R8 CADPATLTR	10098	>CDKN2A-R8 CADPATLTL	363	9735
>CDKN2A-R8 CADPATLTR	34314	>CDKN2A-R8 CADPATLTL	72	34242
>CDKN2A-R8 NCADPATLTF	284	>CDKN2A-R8 NCADPATLTL	31330	31046

>CDKN2A-R8 NCADPATLTF	17263	>CDKN2A-R8 NCADPATLTL	439	16824
>CDKN2A-R8 NCADPATLTF	233	>CDKN2A-R8 NCADPATLTL	30866	30633
>CDKN2A-R8 RRVHDAARE	58	>CDKN2A-R8 QPVHDAARE	2435	2377
>CDKN2A-R8 RRVHDAARE	287	>CDKN2A-R8 QPVHDAARE	1237	950
>CDKN2A-R8 RRVHDAAR	1321	>CDKN2A-R8 QPVHDAAR	416	905
>CDKN2A-R8 RRVHDAARE	112	>CDKN2A-R8 QPVHDAARE	51	61
>CDKN2A-R8 RRVHDAARE	965	>CDKN2A-R8 QPVHDAARE	473	492
>CDKN2A-R8 RRVHDAAR	319	>CDKN2A-R8 QPVHDAAR	1375	1056
>CDKN2A-R8 TRRVHDAAR	14004	>CDKN2A-R8 TQPVHDAAR	345	13659
>CDKN2A-R8 LTRRVHDA	48	>CDKN2A-R8 LTQPVHDA	8954	8906
>CDKN2A-R8 LTRRVHDAA	24	>CDKN2A-R8 LTQPVHDAA	7063	7039
>CDKN2A-R8 LTRRVHDAAF	56	>CDKN2A-R8 LTQPVHDAAI	8084	8028
>CDKN2A-R8 LTRRVHDAAF	107	>CDKN2A-R8 LTQPVHDAAI	179	72
>CDKN2A-R8 LTRRVHDAAF	47	>CDKN2A-R8 LTQPVHDAAI	37	10
>CDKN2A-R8 TLTRRVHDA	722	>CDKN2A-R8 TLTQPVHDA	444	278
>CDKN2A-R8 TLTRRVHDAA	280	>CDKN2A-R8 TLTQPVHDA/	190	90
>CDKN2A-R8 TLTRRVHDA	694	>CDKN2A-R8 TLTQPVHDA	274	420
>CDKN2A-R8 TLTRRVHDA	12	>CDKN2A-R8 TLTQPVHDA	9	3
>CDKN2A-R8 TLTRRVHDAA	88	>CDKN2A-R8 TLTQPVHDA/	68	20
>CDKN2A-R8 TLTRRVHDAA	159	>CDKN2A-R8 TLTQPVHDA/	653	494
>CDKN2A-R8 TLTRRVHDAA	411	>CDKN2A-R8 TLTQPVHDA/	545	134
>CDKN2A-R8 TLTRRVHDAA	68	>CDKN2A-R8 TLTQPVHDA/	58	10
>CDKN2A-R8 ATLTRRVHDA	506	>CDKN2A-R8 ATLTQPVHDA/	498	8
>CDKN2A-R8 DPATLTRPV	485	>CDKN2A-R8 DPATLTQPV	151	334
>CDKN2A-R8 DPATLTRPV	197	>CDKN2A-R8 DPATLTQPV	66	131
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>CDKN2A-R8 DPATLTRPV	668	>CDKN2A-R8 DPATLTQPV	346	322
>CDKN2A-R8 ADPATLTRPV	498	>CDKN2A-R8 ADPATLTQPV	345	153
>CDKN2A-R8 CADPATLTRP	712	>CDKN2A-R8 CADPATLTQF	242	470
>CDKN2A-R8 CADPATLTR	353	>CDKN2A-R8 CADPATLTQ	15690	15337
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>CDKN2A-R8 NCADPATLTF	284	>CDKN2A-R8 NCADPATLTC	30737	30453
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>CDKN2A-R8 REGFLDTLV	1564	>CDKN2A-R8 LEGFLDTLV	407	1157
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>CDKN2A-R8 REGFLDTL	3753	>CDKN2A-R8 LEGFLDTL	433	3320
>CDKN2A-R8 REGFLDTLVV	2602	>CDKN2A-R8 LEGFLDTLVVI	299	2303
>CDKN2A-R8 REGFLDTL	13	>CDKN2A-R8 LEGFLDTL	53	40
>CDKN2A-R8 REGFLDTLV	213	>CDKN2A-R8 LEGFLDTLV	1421	1208
>CDKN2A-R8 REGFLDTLVV	14	>CDKN2A-R8 LEGFLDTLVVI	53	39
>CDKN2A-R8 REGFLDTL	99	>CDKN2A-R8 LEGFLDTL	371	272
>CDKN2A-R8 REGFLDTLV	208	>CDKN2A-R8 LEGFLDTLV	772	564
>CDKN2A-R8 REGFLDTLVV	264	>CDKN2A-R8 LEGFLDTLVV	960	696



>CDKN2A-R8 REGFLDTLVV	63	>CDKN2A-R8 LEGFLDTLVVI	229	166
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>CDKN2A-R8 REGFLDTLVV	89	>CDKN2A-R8 LEGFLDTLVV	413	324
>CDKN2A-R8 REGFLDTLVV	68	>CDKN2A-R8 LEGFLDTLVVI	314	246
>CDKN2A-R8 AREGFLDTL	23313	>CDKN2A-R8 ALEGFLDTL	304	23009
>CDKN2A-R8 AREGFLDTLV	13068	>CDKN2A-R8 ALEGFLDTLV	61	13007
>CDKN2A-R8 AREGFLDTLV	21612	>CDKN2A-R8 ALEGFLDTLV	206	21406
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>CDKN2A-R8 AREGFLDTLV	6079	>CDKN2A-R8 ALEGFLDTLV	19	6060
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>CDKN2A-R8 AREGFLDTLV	13615	>CDKN2A-R8 ALEGFLDTLV	52	13563
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>CDKN2A-R8 AREGFLDTLV	8205	>CDKN2A-R8 ALEGFLDTLV	276	7929
>CDKN2A-R8 AREGFLDTLV	11556	>CDKN2A-R8 ALEGFLDTLV	207	11349
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>CDKN2A-R8 AREGFLDTLV	15902	>CDKN2A-R8 ALEGFLDTLV	21	15881
>CDKN2A-R8 AREGFLDTLV	14097	>CDKN2A-R8 ALEGFLDTLV	12	14085
>CDKN2A-R8 AREGFLDTL	23864	>CDKN2A-R8 ALEGFLDTL	30	23834
>CDKN2A-R8 AREGFLDTLV	23147	>CDKN2A-R8 ALEGFLDTLV	65	23082
>CDKN2A-R8 AREGFLDTLV	21543	>CDKN2A-R8 ALEGFLDTLV	16	21527
>CDKN2A-R8 AREGFLDTL	25422	>CDKN2A-R8 ALEGFLDTL	161	25261
>CDKN2A-R8 AREGFLDTLV	20882	>CDKN2A-R8 ALEGFLDTLV	30	20852
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>CDKN2A-R8 AREGFLDTLV	22176	>CDKN2A-R8 ALEGFLDTLV	135	22041
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>CDKN2A-R8 AREGFLDTL	21072	>CDKN2A-R8 ALEGFLDTL	3	21069
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>CDKN2A-R8 AREGFLDTLV	9422	>CDKN2A-R8 ALEGFLDTLV	2	9420
>CDKN2A-R8 AREGFLDTL	13095	>CDKN2A-R8 ALEGFLDTL	139	12956
>CDKN2A-R8 AREGFLDTL	165	>CDKN2A-R8 ALEGFLDTL	17263	17098
>CDKN2A-R8 AREGFLDTL	63	>CDKN2A-R8 ALEGFLDTL	16332	16269
>CDKN2A-R8 TLTRPVHDA^	22265	>CDKN2A-R8 TLTRPVHDA^	157	22108
>CDKN2A-R8 TLTRPVHDA^	19626	>CDKN2A-R8 TLTRPVHDA^	358	19268
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>CDKN2A-R8 TLTRPVHDA^	23707	>CDKN2A-R8 TLTRPVHDA^	145	23562
>CDKN2A-R8 TLTRPVHDA^	9438	>CDKN2A-R8 TLTRPVHDA^	14	9424
>CDKN2A-R8 TLTRPVHDA^	159	>CDKN2A-R8 TLTRPVHDA^	16820	16661
>CDKN2A-R8 TLTRPVHDA^	411	>CDKN2A-R8 TLTRPVHDA^	26632	26221
>CDKN2A-R8 TLTRPVHDA^	68	>CDKN2A-R8 TLTRPVHDA^	27060	26992
>CDKN2A-R8 AAREGFLDTL	9487	>CDKN2A-R8 AALEGFLDTL'	371	9116
>CDKN2A-R8 AAREGFLDTL	1005	>CDKN2A-R8 AALEGFLDTL	187	818
>CDKN2A-R8 AAREGFLDTL	3679	>CDKN2A-R8 AALEGFLDTL	141	3538
>CDKN2A-R8 AAREGFLDTL	408	>CDKN2A-R8 AALEGFLDTL'	22	386

>CDKN2A-R8 AAREGFLDTL	5617	>CDKN2A-R8 AALEGFLDTL	156	5461
>CDKN2A-R8 AAREGFLDTL	4023	>CDKN2A-R8 AALEGFLDTL'	114	3909
>CDKN2A-R8 AAREGFLDTL	6594	>CDKN2A-R8 AALEGFLDTL'	69	6525
>CDKN2A-R8 AAREGFLDTL	252	>CDKN2A-R8 AALEGFLDTL'	58	194
>CDKN2A-R8 AAREGFLDTL	342	>CDKN2A-R8 AALEGFLDTL	8951	8609
>CDKN2A-R8 AAREGFLDTL	203	>CDKN2A-R8 AALEGFLDTL'	6881	6678
>CDKN2A-R8 AAREGFLDTL	7716	>CDKN2A-R8 AALEGFLDTL'	320	7396
>CDKN2A-R8 AAREGFLDTL	53	>CDKN2A-R8 AALEGFLDTL	126	73
>CDKN2A-R8 HDAAREGFL	169	>CDKN2A-R8 HDAAREGFL	165	4
>CDKN2A-R8 PVHDAAREG	1915	>CDKN2A-R8 PVHDAAREGf	384	1531
>CDKN2A-R8 RPVHDAAR	4663	>CDKN2A-R8 RPVHDAAL	10	4653
>CDKN2A-R8 RPVHDAAREC	58	>CDKN2A-R8 RPVHDAALEC	165	107
>CDKN2A-R8 RPVHDAAREC	287	>CDKN2A-R8 RPVHDAALEC	331	44
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>CDKN2A-R8 RPVHDAAREC	112	>CDKN2A-R8 RPVHDAALEC	93	19
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>CDKN2A-R8 RPVHDAAR	17764	>CDKN2A-R8 RPVHDAAL	491	17273
>CDKN2A-R8 RPVHDAAR	319	>CDKN2A-R8 RPVHDAAL	32218	31899
>CDKN2A-R8 TRPVHDAAR	9934	>CDKN2A-R8 TRPVHDAAL	393	9541
>CDKN2A-R8 LTRPVHDAAF	56	>CDKN2A-R8 LTRPVHDAAL	37	19
>CDKN2A-R8 LTRPVHDAAF	107	>CDKN2A-R8 LTRPVHDAAL	17428	17321
>CDKN2A-R8 LTRPVHDAAF	47	>CDKN2A-R8 LTRPVHDAAL	27007	26960
>CDKN2A-R8 LTRPVHDAAF	12008	>CDKN2A-R8 LTRPVHDAAL	336	11672
>CDKN2A-R8 LTRPVHDAAF	2741	>CDKN2A-R8 LTRPVHDAAL	7	2734
>CDKN2A-R8 LTRPVHDAAF	14382	>CDKN2A-R8 LTRPVHDAAL	231	14151
>CDKN2A-R8 LTRPVHDAAF	583	>CDKN2A-R8 LTRPVHDAAL	328	255
>CDKN2A-R8 REGFLDTL	13	>CDKN2A-R8 QEGFLDTL	81	68
>CDKN2A-R8 REGFLDTLV	213	>CDKN2A-R8 QEGFLDTLV	2106	1893
>CDKN2A-R8 REGFLDTLVV	14	>CDKN2A-R8 QEGFLDTLVV	84	70
>CDKN2A-R8 REGFLDTL	99	>CDKN2A-R8 QEGFLDTL	705	606
>CDKN2A-R8 REGFLDTLV	208	>CDKN2A-R8 QEGFLDTLV	1646	1438
>CDKN2A-R8 REGFLDTLVV	264	>CDKN2A-R8 QEGFLDTLVV	471	207
>CDKN2A-R8 REGFLDTLVV	63	>CDKN2A-R8 QEGFLDTLVV	367	304
>CDKN2A-R8 REGFLDTLV	35	>CDKN2A-R8 QEGFLDTLV	317	282
>CDKN2A-R8 REGFLDTLVV	89	>CDKN2A-R8 QEGFLDTLVV	707	618
>CDKN2A-R8 REGFLDTLVV	68	>CDKN2A-R8 QEGFLDTLVV	446	378
>CDKN2A-R8 AREGFLDTL	7196	>CDKN2A-R8 AQEGFLDTL	155	7041
>CDKN2A-R8 AREGFLDTLV	6079	>CDKN2A-R8 AQEGFLDTLV	163	5916
>CDKN2A-R8 AREGFLDTL	10509	>CDKN2A-R8 AQEGFLDTL	24	10485
>CDKN2A-R8 AREGFLDTLV	8205	>CDKN2A-R8 AQEGFLDTLV	249	7956
>CDKN2A-R8 AREGFLDTLV	11556	>CDKN2A-R8 AQEGFLDTLV	28	11528
>CDKN2A-R8 AREGFLDTL	503	>CDKN2A-R8 AQEGFLDTL	471	32
>CDKN2A-R8 AREGFLDTL	10859	>CDKN2A-R8 AQEGFLDTL	99	10760

>CDKN2A-R8 AREGFLDTL	165	>CDKN2A-R8 AQEGFLDTL	4161	3996
>CDKN2A-R8 AREGFLDTL	63	>CDKN2A-R8 AQEGFLDTL	3301	3238
>CDKN2A-R8 TLTRPVHDA	159	>CDKN2A-R8 TLTRPVHDA	17360	17201
>CDKN2A-R8 TLTRPVHDA	411	>CDKN2A-R8 TLTRPVHDA	26049	25638
>CDKN2A-R8 TLTRPVHDA	68	>CDKN2A-R8 TLTRPVHDA	10682	10614
>CDKN2A-R8 AAREGFLDTL	408	>CDKN2A-R8 AAQEGFLDTL	122	286
>CDKN2A-R8 AAREGFLDTL	252	>CDKN2A-R8 AAQEGFLDTL	124	128
>CDKN2A-R8 AAREGFLDTL	342	>CDKN2A-R8 AAQEGFLDTL	12232	11890
>CDKN2A-R8 AAREGFLDTL	203	>CDKN2A-R8 AAQEGFLDTL	10230	10027
>CDKN2A-R8 AAREGFLDTL	53	>CDKN2A-R8 AAQEGFLDTL	585	532
>CDKN2A-R8 HDAAREGFL	169	>CDKN2A-R8 HDAAQEGFL	95	74
>CDKN2A-R8 RPVHDAARE	58	>CDKN2A-R8 RPVHDAAQE	201	143
>CDKN2A-R8 RPVHDAARE	287	>CDKN2A-R8 RPVHDAAQE	282	5
>CDKN2A-R8 RPVHDAAR	1321	>CDKN2A-R8 RPVHDAAQ	314	1007
>CDKN2A-R8 RPVHDAARE	112	>CDKN2A-R8 RPVHDAAQE	76	36
>CDKN2A-R8 RPVHDAAR	319	>CDKN2A-R8 RPVHDAAQ	22224	21905
>CDKN2A-R8 LTRPVHDAAF	56	>CDKN2A-R8 LTRPVHDAAC	166	110
>CDKN2A-R8 LTRPVHDAAF	107	>CDKN2A-R8 LTRPVHDAAC	21542	21435
>CDKN2A-R8 LTRPVHDAAF	47	>CDKN2A-R8 LTRPVHDAAC	26121	26074
>CDKN2A-R8 REGFLDTLV	1564	>CDKN2A-R8 WEGFLDTLV	420	1144
>CDKN2A-R8 REGFLDTLVV	1787	>CDKN2A-R8 WEGFLDTLV	424	1363
>CDKN2A-R8 REGFLDTL	3753	>CDKN2A-R8 WEGFLDTL	83	3670
>CDKN2A-R8 REGFLDTLVV	2602	>CDKN2A-R8 WEGFLDTLV	67	2535
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>CDKN2A-R8 REGFLDTL	99	>CDKN2A-R8 WEGFLDTL	120	21
>CDKN2A-R8 REGFLDTLV	208	>CDKN2A-R8 WEGFLDTLV	226	18
>CDKN2A-R8 REGFLDTLVV	264	>CDKN2A-R8 WEGFLDTLV	686	422
>CDKN2A-R8 REGFLDTLVV	63	>CDKN2A-R8 WEGFLDTLV	67	4
>CDKN2A-R8 REGFLDTL	1574	>CDKN2A-R8 WEGFLDTL	347	1227
>CDKN2A-R8 REGFLDTLV	35	>CDKN2A-R8 WEGFLDTLV	35	0
>CDKN2A-R8 REGFLDTLVV	89	>CDKN2A-R8 WEGFLDTLV	40	49
>CDKN2A-R8 REGFLDTLVV	68	>CDKN2A-R8 WEGFLDTLV	50	18
>CDKN2A-R8 AREGFLDTL	18386	>CDKN2A-R8 AWEGFLDTL	178	18208
>CDKN2A-R8 AREGFLDTL	165	>CDKN2A-R8 AWEGFLDTL	14772	14607
>CDKN2A-R8 AREGFLDTL	63	>CDKN2A-R8 AWEGFLDTL	20645	20582
>CDKN2A-R8 AREGFLDTL	3157	>CDKN2A-R8 AWEGFLDTL	318	2839
>CDKN2A-R8 AREGFLDTL	25264	>CDKN2A-R8 AWEGFLDTL	58	25206
>CDKN2A-R8 AREGFLDTLV	23741	>CDKN2A-R8 AWEGFLDTLV	94	23647
>CDKN2A-R8 AREGFLDTLV	34532	>CDKN2A-R8 AWEGFLDTLV	284	34248
>CDKN2A-R8 TLTRPVHDA	159	>CDKN2A-R8 TLTRPVHDA	20019	19860
>CDKN2A-R8 TLTRPVHDA	411	>CDKN2A-R8 TLTRPVHDA	32156	31745

>CDKN2A-R8 TLTRPVHDA	68	>CDKN2A-R8 TLTRPVHDA	26606	26538
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>CDKN2A-R8 AAREGFLDTL	9487	>CDKN2A-R8 AAWEGFLDT	72	9415
>CDKN2A-R8 AAREGFLDTL	1005	>CDKN2A-R8 AAWEGFLDT	263	742
>CDKN2A-R8 AAREGFLDTL	3679	>CDKN2A-R8 AAWEGFLDT	292	3387
>CDKN2A-R8 AAREGFLDTL	408	>CDKN2A-R8 AAWEGFLDT	27	381
>CDKN2A-R8 AAREGFLDTL	5617	>CDKN2A-R8 AAWEGFLDT	59	5558
>CDKN2A-R8 AAREGFLDTL	4023	>CDKN2A-R8 AAWEGFLDT	45	3978
>CDKN2A-R8 AAREGFLDTL	15512	>CDKN2A-R8 AAWEGFLDT	218	15294
>CDKN2A-R8 AAREGFLDTL	6594	>CDKN2A-R8 AAWEGFLDT	32	6562
>CDKN2A-R8 AAREGFLDTL	3175	>CDKN2A-R8 AAWEGFLDT	200	2975
>CDKN2A-R8 AAREGFLDTL	252	>CDKN2A-R8 AAWEGFLDT	24	228
>CDKN2A-R8 AAREGFLDTL	342	>CDKN2A-R8 AAWEGFLDT	12639	12297
>CDKN2A-R8 AAREGFLDTL	203	>CDKN2A-R8 AAWEGFLDT	10993	10790
>CDKN2A-R8 AAREGFLDTL	10328	>CDKN2A-R8 AAWEGFLDT	471	9857
>CDKN2A-R8 AAREGFLDTL	7716	>CDKN2A-R8 AAWEGFLDT	256	7460
>CDKN2A-R8 AAREGFLDTL	53	>CDKN2A-R8 AAWEGFLDT	73	20
>CDKN2A-R8 DAAREGFL	3810	>CDKN2A-R8 DAAWEGFL	353	3457
>CDKN2A-R8 DAAREGFLDT	1357	>CDKN2A-R8 DAAWEGFLD	248	1109
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>CDKN2A-R8 RPHDAAR	4663	>CDKN2A-R8 RPHDAAW	64	4599
>CDKN2A-R8 RPHDAAREG	58	>CDKN2A-R8 RPHDAAWE	103	45
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>CDKN2A-R8 RPHDAAR	1321	>CDKN2A-R8 RPHDAAW	99	1222
>CDKN2A-R8 RPHDAAREG	112	>CDKN2A-R8 RPHDAAWE	57	55
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>CDKN2A-R8 RPHDAAR	319	>CDKN2A-R8 RPHDAAW	33500	33181
>CDKN2A-R8 LTRPVHDAAF	56	>CDKN2A-R8 LTRPVHDAAL	1721	1665
>CDKN2A-R8 LTRPVHDAAF	107	>CDKN2A-R8 LTRPVHDAAL	27652	27545
>CDKN2A-R8 LTRPVHDAAF	47	>CDKN2A-R8 LTRPVHDAAL	30971	30924
>CDKN2A-R8 LTRPVHDAAF	2741	>CDKN2A-R8 LTRPVHDAAL	5	2736
>CDKN2A-R8 LTRPVHDAAF	19750	>CDKN2A-R8 LTRPVHDAAL	35	19715
>CDKN2A-R8 LTRPVHDAAF	22419	>CDKN2A-R8 LTRPVHDAAL	25	22394
>CDKN2A-R8 LTRPVHDAAF	583	>CDKN2A-R8 LTRPVHDAAL	416	167
>CDKN2A-R8 LTRPVHDAAF	27033	>CDKN2A-R8 LTRPVHDAAL	240	26793
>CDKN2A-R9 RAGARLDVR	90	>CDKN2A-R9 QAGARLDVR	3061	2971
>CDKN2A-R9 HRAGARLDV	2964	>CDKN2A-R9 HQAGARLDV	274	2690
>CDKN2A-R9 HRAGARLDV	197	>CDKN2A-R9 HQAGARLDV	4383	4186
>CDKN2A-R9 HRAGARLDV	101	>CDKN2A-R9 HQAGARLDV	9066	8965
>CDKN2A-R9 HRAGARLDV	633	>CDKN2A-R9 HQAGARLDV	269	364
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>CDKN2A-R9 GFLDTLVVLH	421	>CDKN2A-R9 GFLDTLVVLH	26281	25860
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>CDKN2A-R9 LHRAGARL	3010	>CDKN2A-R9 LHQAGARL	417	2593
>CDKN2A-R9 VLHRAGARL	371	>CDKN2A-R9 VLHQAGARL	235	136
>CDKN2A-R9 VLHRAGARL	156	>CDKN2A-R9 VLHQAGARL	139	17
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>CDKN2A-R9 VLHRAGARLI	346	>CDKN2A-R9 VLHQAGARLI	453	107
>CDKN2A-R9 VLHRAGARL	358	>CDKN2A-R9 VLHQAGARL	176	182
>CDKN2A-R9 VLHRAGARLI	33	>CDKN2A-R9 VLHQAGARLI	23	10
>CDKN2A-R9 VLHRAGARL	6	>CDKN2A-R9 VLHQAGARL	4	2
>CDKN2A-R9 VLHRAGARLI	3	>CDKN2A-R9 VLHQAGARLI	3	0
>CDKN2A-R9 VLHRAGAR	299	>CDKN2A-R9 VLHQAGAR	1582	1283
>CDKN2A-R9 VVLHRAGA	471	>CDKN2A-R9 VVLHQAGA	435	36
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>CDKN2A-R9 VVLHRAGARI	129	>CDKN2A-R9 VVLHQAGAR	98	31
>CDKN2A-R9 LVVLHRAGAF	250	>CDKN2A-R9 LVVLHQAGAI	288	38
>CDKN2A-R9 LVVLHRAGA	585	>CDKN2A-R9 LVVLHQAGA	245	340
>CDKN2A-R9 LVVLHRAGA	762	>CDKN2A-R9 LVVLHQAGA	432	330
>CDKN2A-R9 LVVLHRAGAF	127	>CDKN2A-R9 LVVLHQAGAI	421	294
>CDKN2A-R9 LVVLHRAGAF	287	>CDKN2A-R9 LVVLHQAGAI	315	28
>CDKN2A-R9 LVVLHRAGAF	435	>CDKN2A-R9 LVVLHQAGAI	218	217
>CDKN2A-R9 TLVVLHRA	433	>CDKN2A-R9 TLVVLHQA	235	198
>CDKN2A-R9 TLVVLHRA	247	>CDKN2A-R9 TLVVLHQA	154	93
>CDKN2A-R9 TLVVLHRAGA	240	>CDKN2A-R9 TLVVLHQAG/	412	172
>CDKN2A-R9 TLVVLHRA	426	>CDKN2A-R9 TLVVLHQA	281	145
>CDKN2A-R9 TLVVLHRA	59	>CDKN2A-R9 TLVVLHQA	27	32
>CDKN2A-R9 TLVVLHRAGA	465	>CDKN2A-R9 TLVVLHQAG/	118	347
>CDKN2A-R9 TLVVLHRAGA	209	>CDKN2A-R9 TLVVLHQAG/	279	70
>CDKN2A-R9 TLVVLHRAGA	185	>CDKN2A-R9 TLVVLHQAG/	164	21
>CDKN2A-R9 DTLVVLHR	277	>CDKN2A-R9 DTLVVLHQ	16164	15887
>CDKN2A-R9 DTLVVLHR	9	>CDKN2A-R9 DTLVVLHQ	2615	2606
>CDKN2A-R9 DTLVVLHR	16	>CDKN2A-R9 DTLVVLHQ	2639	2623
>CDKN2A-R9 DTLVVLHRA	178	>CDKN2A-R9 DTLVVLHQA	261	83
>CDKN2A-R9 DTLVVLHRAC	197	>CDKN2A-R9 DTLVVLHQAC	255	58
>CDKN2A-R9 DTLVVLHRA	46	>CDKN2A-R9 DTLVVLHQA	19	27
>CDKN2A-R9 DTLVVLHRAC	65	>CDKN2A-R9 DTLVVLHQAC	43	22
>CDKN2A-R9 FLDTLVVLHR,	12	>CDKN2A-R9 FLDTLVVLHQ	12	0
>CDKN2A-R9 FLDTLVVLHR,	7	>CDKN2A-R9 FLDTLVVLHQ	6	1
>CDKN2A-R9 FLDTLVVLHR,	24	>CDKN2A-R9 FLDTLVVLHQ	17	7
>CDKN2A-R9 FLDTLVVLHR,	68	>CDKN2A-R9 FLDTLVVLHQ	53	15

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>CDKN2A-R9 FLDTLVVLHR	2977	>CDKN2A-R9 FLDTLVVLHQ	63	2914
>CDKN2A-R9 FLDTLVVLHR,	8	>CDKN2A-R9 FLDTLVVLHQ	7	1
>CDKN2A-R9 FLDTLVVLHR,	19	>CDKN2A-R9 FLDTLVVLHQ	10	9
>CDKN2A-R9 FLDTLVVLHR	3232	>CDKN2A-R9 FLDTLVVLHQ	51	3181
>CDKN2A-R9 FLDTLVVLHR,	3	>CDKN2A-R9 FLDTLVVLHQ	3	0
>CDKN2A-R9 FLDTLVVLHR	354	>CDKN2A-R9 FLDTLVVLHQ	31321	30967
>CDKN2A-R9 FLDTLVVLHR	272	>CDKN2A-R9 FLDTLVVLHQ	22785	22513
>CDKN2A-R9 RAGARLDVR	90	>CDKN2A-R9 WAGARLDVR	6919	6829
>CDKN2A-R9 HRAGARLDV	197	>CDKN2A-R9 HWAGARLDV	17559	17362
>CDKN2A-R9 HRAGARLDV	101	>CDKN2A-R9 HWAGARLDV	10428	10327
>CDKN2A-R9 HRAGARLDV	633	>CDKN2A-R9 HWAGARLDV	18	615
>CDKN2A-R9 HRAGARLDV	33286	>CDKN2A-R9 HWAGARLDV	462	32824
>CDKN2A-R9 GFLDTLVVLH	9113	>CDKN2A-R9 GFLDTLVVLH	250	8863
>CDKN2A-R9 GFLDTLVVLH	8438	>CDKN2A-R9 GFLDTLVVLH	109	8329
>CDKN2A-R9 GFLDTLVVLH	38	>CDKN2A-R9 GFLDTLVVLH	16125	16087
>CDKN2A-R9 GFLDTLVVLH	421	>CDKN2A-R9 GFLDTLVVLH	33057	32636
>CDKN2A-R9 GFLDTLVVLH	22205	>CDKN2A-R9 GFLDTLVVLH	385	21820
>CDKN2A-R9 GFLDTLVVLH	77	>CDKN2A-R9 GFLDTLVVLH	24273	24196
>CDKN2A-R9 LHRAGARL	3010	>CDKN2A-R9 LHWAGARL	381	2629
>CDKN2A-R9 VLHRAGARL	371	>CDKN2A-R9 VLHWAGARL	202	169
>CDKN2A-R9 VLHRAGARL	156	>CDKN2A-R9 VLHWAGARL	60	96
>CDKN2A-R9 VLHRAGARL	77	>CDKN2A-R9 VLHWAGARL	40	37
>CDKN2A-R9 VLHRAGARL	21	>CDKN2A-R9 VLHWAGARL	6	15
>CDKN2A-R9 VLHRAGARL	36	>CDKN2A-R9 VLHWAGARL	10	26
>CDKN2A-R9 VLHRAGARL	269	>CDKN2A-R9 VLHWAGARL	321	52
>CDKN2A-R9 VLHRAGARL	346	>CDKN2A-R9 VLHWAGARL	388	42
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>CDKN2A-R9 VLHRAGARL	33	>CDKN2A-R9 VLHWAGARL	14	19
>CDKN2A-R9 VLHRAGARL	1854	>CDKN2A-R9 VLHWAGARL	271	1583
>CDKN2A-R9 VLHRAGARL	1296	>CDKN2A-R9 VLHWAGARL	344	952
>CDKN2A-R9 VLHRAGARL	6	>CDKN2A-R9 VLHWAGARL	3	3
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>CDKN2A-R9 VLHRAGAR	299	>CDKN2A-R9 VLHWAGAR	265	34
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>CDKN2A-R9 VVLHRAGARI	1337	>CDKN2A-R9 VVLHWAGAF	83	1254
>CDKN2A-R9 VVLHRAGARI	998	>CDKN2A-R9 VVLHWAGAF	148	850
>CDKN2A-R9 VVLHRAGAR	225	>CDKN2A-R9 VVLHWAGAF	203	22
>CDKN2A-R9 VVLHRAGAR	576	>CDKN2A-R9 VVLHWAGAF	302	274
>CDKN2A-R9 VVLHRAGARI	129	>CDKN2A-R9 VVLHWAGAF	130	1

>CDKN2A-R9 LVVLHRAGAF	250	>CDKN2A-R9 LVVLHWAGA	125	125
>CDKN2A-R9 LVVLHRAGA	585	>CDKN2A-R9 LVVLHWAGA	171	414
>CDKN2A-R9 LVVLHRAGA	762	>CDKN2A-R9 LVVLHWAGA	53	709
>CDKN2A-R9 LVVLHRAGAF	1077	>CDKN2A-R9 LVVLHWAGA	251	826
>CDKN2A-R9 LVVLHRAGAF	127	>CDKN2A-R9 LVVLHWAGA	140	13
>CDKN2A-R9 LVVLHRAGAF	287	>CDKN2A-R9 LVVLHWAGA	243	44
>CDKN2A-R9 LVVLHRAGAF	435	>CDKN2A-R9 LVVLHWAGA	152	283
>CDKN2A-R9 TLVVLHRA	433	>CDKN2A-R9 TLVVLHWA	130	303
>CDKN2A-R9 TLVVLHRA	247	>CDKN2A-R9 TLVVLHWA	106	141
>CDKN2A-R9 TLVVLHRAGA	240	>CDKN2A-R9 TLVVLHWAG	193	47
>CDKN2A-R9 TLVVLHRA	1727	>CDKN2A-R9 TLVVLHWA	410	1317
>CDKN2A-R9 TLVVLHRA	426	>CDKN2A-R9 TLVVLHWA	196	230
>CDKN2A-R9 TLVVLHRAGA	2943	>CDKN2A-R9 TLVVLHWAG	273	2670
>CDKN2A-R9 TLVVLHRA	1412	>CDKN2A-R9 TLVVLHWA	314	1098
>CDKN2A-R9 TLVVLHRA	59	>CDKN2A-R9 TLVVLHWA	17	42
>CDKN2A-R9 TLVVLHRAGA	465	>CDKN2A-R9 TLVVLHWAG	94	371
>CDKN2A-R9 TLVVLHRAGA	209	>CDKN2A-R9 TLVVLHWAG	135	74
>CDKN2A-R9 TLVVLHRAGA	534	>CDKN2A-R9 TLVVLHWAG	208	326
>CDKN2A-R9 TLVVLHRAGA	185	>CDKN2A-R9 TLVVLHWAG	89	96
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>CDKN2A-R9 DTLVVLHR	277	>CDKN2A-R9 DTLVVLHW	18492	18215
>CDKN2A-R9 DTLVVLHR	9	>CDKN2A-R9 DTLVVLHW	7886	7877
>CDKN2A-R9 DTLVVLHR	16	>CDKN2A-R9 DTLVVLHW	13936	13920
>CDKN2A-R9 DTLVVLHRA	178	>CDKN2A-R9 DTLVVLHWA	248	70
>CDKN2A-R9 DTLVVLHRAC	197	>CDKN2A-R9 DTLVVLHWA	216	19
>CDKN2A-R9 DTLVVLHRA	46	>CDKN2A-R9 DTLVVLHWA	45	1
>CDKN2A-R9 DTLVVLHRAC	65	>CDKN2A-R9 DTLVVLHWA	47	18
>CDKN2A-R9 DTLVVLHR	21387	>CDKN2A-R9 DTLVVLHW	71	21316
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>CDKN2A-R9 DTLVVLHR	21756	>CDKN2A-R9 DTLVVLHW	51	21705
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>CDKN2A-R9 LDTLVVLHR	22737	>CDKN2A-R9 LDTLVVLHW	329	22408
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>CDKN2A-R9 FLDTLVVLHR	24	>CDKN2A-R9 FLDTLVVLHM	14	10
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>CDKN2A-R9 FLDTLVVLHR	3	>CDKN2A-R9 FLDTLVVLHM	4	1
>CDKN2A-R9 FLDTLVVLHR	9	>CDKN2A-R9 FLDTLVVLHM	13	4
>CDKN2A-R9 FLDTLVVLHR	8	>CDKN2A-R9 FLDTLVVLHM	7	1
>CDKN2A-R9 FLDTLVVLHR	19	>CDKN2A-R9 FLDTLVVLHM	17	2
>CDKN2A-R9 FLDTLVVLHR	3	>CDKN2A-R9 FLDTLVVLHM	3	0
>CDKN2A-R9 FLDTLVVLHR	354	>CDKN2A-R9 FLDTLVVLHM	35237	34883

>CDKN2A-R9 FLDTLVVLHR	22201	>CDKN2A-R9 FLDTLVVLHM	40	22161
>CDKN2A-R9 FLDTLVVLHR	31120	>CDKN2A-R9 FLDTLVVLHM	117	31003
>CDKN2A-R9 FLDTLVVLHR	272	>CDKN2A-R9 FLDTLVVLHM	32743	32471
>CDKN2A-S1. RGSNHARI	251	>CDKN2A-S1. RGCNHARI	136	115
>CDKN2A-S1. TRGSNHAR	575	>CDKN2A-S1. TRGCNHAR	249	326
>CDKN2A-S1. GTRGSNHA	16	>CDKN2A-S1. GTRGCNHA	77	61
>CDKN2A-S1. GTRGSNHAR	51	>CDKN2A-S1. GTRGCNHAR	370	319
>CDKN2A-S1. GTRGSNHAR	15	>CDKN2A-S1. GTRGCNHAR	40	25
>CDKN2A-S1. GTRGSNHAR	28	>CDKN2A-S1. GTRGCNHAR	20	8
>CDKN2A-S1. GTRGSNHAR	412	>CDKN2A-S1. GTRGCNHAR	171	241
>CDKN2A-S1. GTRGSNHAR	205	>CDKN2A-S1. GTRGCNHAR	491	286
>CDKN2A-S1. GTRGSNHAR	10	>CDKN2A-S1. GTRGCNHAR	30	20
>CDKN2A-S1. GTRGSNHAR	470	>CDKN2A-S1. GTRGCNHAR	638	168
>CDKN2A-S4. SYGRRPIQV	799	>CDKN2A-S4. IYGRRPIQV	232	567
>CDKN2A-S4. SYGRRPIQVM	559	>CDKN2A-S4. IYGRRPIQVM	179	380
>CDKN2A-S4. SYGRRPIQVM	136	>CDKN2A-S4. IYGRRPIQVM	305	169
>CDKN2A-S4. SYGRRPIQVM	74	>CDKN2A-S4. IYGRRPIQVM	149	75
>CDKN2A-S4. NSYGRRPIQV	264	>CDKN2A-S4. NIYGRRPIQV	498	234
>CDKN2A-S4. NSYGRRPI	7990	>CDKN2A-S4. NIYGRRPI	402	7588
>CDKN2A-S4. NSYGRRPIQV	2700	>CDKN2A-S4. NIYGRRPIQV	108	2592
>CDKN2A-S4. NSYGRRPIQV	2366	>CDKN2A-S4. NIYGRRPIQV	48	2318
>CDKN2A-S4. NSYGRRPIQV	8726	>CDKN2A-S4. NIYGRRPIQV	138	8588
>CDKN2A-S4. NSYGRRPIQV	4684	>CDKN2A-S4. NIYGRRPIQV	16	4668
>CDKN2A-S4. NSYGRRPIQV	485	>CDKN2A-S4. NIYGRRPIQV	473	12
>CDKN2A-S4. NSYGRRPI	511	>CDKN2A-S4. NIYGRRPI	361	150
>CDKN2A-S4. NSYGRRPIQV	408	>CDKN2A-S4. NIYGRRPIQV	90	318
>CDKN2A-S4. NSYGRRPIQV	132	>CDKN2A-S4. NIYGRRPIQV	10819	10687
>CDKN2A-S4. NSYGRRPIQV	495	>CDKN2A-S4. NIYGRRPIQV	7278	6783
>CDKN2A-S4. NSYGRRPIQV	251	>CDKN2A-S4. NIYGRRPIQV	3730	3479
>CDKN2A-S4. NSYGRRPI	104	>CDKN2A-S4. NIYGRRPI	5036	4932
>CDKN2A-S4. EAGALPNAPI	8734	>CDKN2A-S4. EAGALPNAPI	63	8671
>CDKN2A-S4. APNSYGRRPI	20	>CDKN2A-S4. APNIYGRRPI	33	13
>CDKN2A-S4. NAPNSYGR	1527	>CDKN2A-S4. NAPNIYGR	490	1037
>CDKN2A-S4. NAPNSYGR	65	>CDKN2A-S4. NAPNIYGR	31	34
>CDKN2A-S4. NAPNSYGRR	147	>CDKN2A-S4. NAPNIYGRR	54	93
>CDKN2A-S4. NAPNSYGRR	266	>CDKN2A-S4. NAPNIYGRRP	62	204
>CDKN2A-S4. NAPNSYGR	886	>CDKN2A-S4. NAPNIYGR	399	487
>CDKN2A-S4. PNAPNSYGR	320	>CDKN2A-S4. PNAPNIYGR	203	117
>CDKN2A-S4. LPNAPNSYGF	472	>CDKN2A-S4. LPNAPNIYGR	830	358
>CDKN2A-S4. LPNAPNSY	11	>CDKN2A-S4. LPNAPNIY	13	2
>CDKN2A-S4. LPNAPNSY	51	>CDKN2A-S4. LPNAPNIY	51	0
>CDKN2A-S4. LPNAPNSY	776	>CDKN2A-S4. LPNAPNIY	462	314
>CDKN2A-S4. LPNAPNSYG	457	>CDKN2A-S4. LPNAPNIYG	332	125



>CDKN2A-S4.LPNAPNSY	58	>CDKN2A-S4.LPNAPNIY	96	38
>CDKN2A-S4.LPNAPNSYGF	718	>CDKN2A-S4.LPNAPNIYGR	325	393
>CDKN2A-S4.ALPNAPNS	16099	>CDKN2A-S4.ALPNAPNI	486	15613
>CDKN2A-S4.ALPNAPNS	10604	>CDKN2A-S4.ALPNAPNI	498	10106
>CDKN2A-S4.ALPNAPNS	4856	>CDKN2A-S4.ALPNAPNI	61	4795
>CDKN2A-S4.ALPNAPNS	3999	>CDKN2A-S4.ALPNAPNI	27	3972
>CDKN2A-S4.ALPNAPNS	16583	>CDKN2A-S4.ALPNAPNI	156	16427
>CDKN2A-S4.ALPNAPNS	5280	>CDKN2A-S4.ALPNAPNI	27	5253
>CDKN2A-S4.ALPNAPNS	18684	>CDKN2A-S4.ALPNAPNI	381	18303
>CDKN2A-S4.ALPNAPNS	1610	>CDKN2A-S4.ALPNAPNI	18	1592
>CDKN2A-S4.ALPNAPNSY	181	>CDKN2A-S4.ALPNAPNIY	307	126
>CDKN2A-S4.ALPNAPNSY	281	>CDKN2A-S4.ALPNAPNIY	1467	1186
>CDKN2A-S4.ALPNAPNSY	358	>CDKN2A-S4.ALPNAPNIY	480	122
>CDKN2A-S4.ALPNAPNSY	305	>CDKN2A-S4.ALPNAPNIY	580	275
>CDKN2A-S4.GALPNAPNS	20931	>CDKN2A-S4.GALPNAPNI	185	20746
>CDKN2A-S4.GALPNAPNS\	280	>CDKN2A-S4.GALPNAPNIY	499	219
>CDKN2A-S4.GALPNAPNS	8964	>CDKN2A-S4.GALPNAPNI	83	8881
>CDKN2A-S4.GALPNAPNS\	19	>CDKN2A-S4.GALPNAPNIY	60	41
>CDKN2A-S4.AGALPNAPN\	136	>CDKN2A-S4.AGALPNAPNI	219	83
>CDKN2A-S4.SYGRRPIQV	799	>CDKN2A-S4.RYGRRPIQV	223	576
>CDKN2A-S4.SYGRRPIQVM	559	>CDKN2A-S4.RYGRRPIQVM	162	397
>CDKN2A-S4.SYGRRPIQV	935	>CDKN2A-S4.RYGRRPIQV	146	789
>CDKN2A-S4.SYGRRPIQVM	136	>CDKN2A-S4.RYGRRPIQVM	29	107
>CDKN2A-S4.SYGRRPIQVM	74	>CDKN2A-S4.RYGRRPIQVM	19	55
>CDKN2A-S4.SYGRRPIQV	2806	>CDKN2A-S4.RYGRRPIQV	231	2575
>CDKN2A-S4.NSYGRRPIQV	264	>CDKN2A-S4.NRYGRRPIQV	3769	3505
>CDKN2A-S4.NSYGRRPIQV	485	>CDKN2A-S4.NRYGRRPIQV	14503	14018
>CDKN2A-S4.NSYGRRPIQV	408	>CDKN2A-S4.NRYGRRPIQV	12374	11966
>CDKN2A-S4.NSYGRRPIQV	1044	>CDKN2A-S4.NRYGRRPIQV	470	574
>CDKN2A-S4.NSYGRRPIQV	132	>CDKN2A-S4.NRYGRRPIQV	25973	25841
>CDKN2A-S4.NSYGRRPI	18500	>CDKN2A-S4.NRYGRRPI	77	18423
>CDKN2A-S4.NSYGRRPIQV	27149	>CDKN2A-S4.NRYGRRPIQV	217	26932
>CDKN2A-S4.NSYGRRPIQV	18621	>CDKN2A-S4.NRYGRRPIQV	100	18521
>CDKN2A-S4.NSYGRRPI	10707	>CDKN2A-S4.NRYGRRPI	455	10252
>CDKN2A-S4.NSYGRRPIQV	11143	>CDKN2A-S4.NRYGRRPIQV	495	10648
>CDKN2A-S4.NSYGRRPIQV	3359	>CDKN2A-S4.NRYGRRPIQV	54	3305
>CDKN2A-S4.NSYGRRPI	13048	>CDKN2A-S4.NRYGRRPI	216	12832
>CDKN2A-S4.NSYGRRPIQ	12973	>CDKN2A-S4.NRYGRRPIQ	227	12746
>CDKN2A-S4.NSYGRRPIQV	14063	>CDKN2A-S4.NRYGRRPIQV	279	13784
>CDKN2A-S4.NSYGRRPIQV	495	>CDKN2A-S4.NRYGRRPIQV	18285	17790
>CDKN2A-S4.NSYGRRPIQV	251	>CDKN2A-S4.NRYGRRPIQV	10165	9914
>CDKN2A-S4.NSYGRRPI	24819	>CDKN2A-S4.NRYGRRPI	464	24355
>CDKN2A-S4.NSYGRRPI	16069	>CDKN2A-S4.NRYGRRPI	364	15705

>CDKN2A-S4.NSYGRRPIQV	26629	>CDKN2A-S4.NRYGRRPIQV	219	26410
>CDKN2A-S4.NSYGRRPI	104	>CDKN2A-S4.NRYGRRPI	5701	5597
>CDKN2A-S4.EAGALPNAPN	22355	>CDKN2A-S4.EAGALPNAPN	34	22321
>CDKN2A-S4.APNSYGRRPI	20	>CDKN2A-S4.APNRYGRRPI	33	13
>CDKN2A-S4.APNSYGRRPI	544	>CDKN2A-S4.APNRYGRRPI	450	94
>CDKN2A-S4.NAPNSYGR	1527	>CDKN2A-S4.NAPNRYGR	291	1236
>CDKN2A-S4.NAPNSYGR	65	>CDKN2A-S4.NAPNRYGR	101	36
>CDKN2A-S4.NAPNSYGRR	147	>CDKN2A-S4.NAPNRYGRR	412	265
>CDKN2A-S4.NAPNSYGRR	266	>CDKN2A-S4.NAPNRYGRR	581	315
>CDKN2A-S4.PNAPNSYGR	320	>CDKN2A-S4.PNAPNRYGR	331	11
>CDKN2A-S4.LPNAPNSYGF	838	>CDKN2A-S4.LPNAPNRYGF	258	580
>CDKN2A-S4.LPNAPNSYGF	472	>CDKN2A-S4.LPNAPNRYGF	1092	620
>CDKN2A-S4.LPNAPNSY	11	>CDKN2A-S4.LPNAPNRY	18	7
>CDKN2A-S4.LPNAPNSY	51	>CDKN2A-S4.LPNAPNRY	76	25
>CDKN2A-S4.LPNAPNSYG	457	>CDKN2A-S4.LPNAPNRYG	652	195
>CDKN2A-S4.LPNAPNSY	58	>CDKN2A-S4.LPNAPNRY	166	108
>CDKN2A-S4.ALPNAPNSY	181	>CDKN2A-S4.ALPNAPNRY	339	158
>CDKN2A-S4.ALPNAPNSY	281	>CDKN2A-S4.ALPNAPNRY	1584	1303
>CDKN2A-S4.ALPNAPNSY	358	>CDKN2A-S4.ALPNAPNRY	1127	769
>CDKN2A-S4.ALPNAPNSY	305	>CDKN2A-S4.ALPNAPNRY	2801	2496
>CDKN2A-S4.GALPNAPNS)	280	>CDKN2A-S4.GALPNAPNR)	2162	1882
>CDKN2A-S4.GALPNAPNS)	19	>CDKN2A-S4.GALPNAPNR)	15	4
>CDKN2A-S4.GALPNAPNS	12770	>CDKN2A-S4.GALPNAPNR	359	12411
>CDKN2A-S4.AGALPNAPN	136	>CDKN2A-S4.AGALPNAPN	235	99
>CDKN2A-S5.SARVAELL	380	>CDKN2A-S5.NARVAELL	5678	5298
>CDKN2A-S5.SARVAELL	39	>CDKN2A-S5.NARVAELL	1805	1766
>CDKN2A-S5.SARVAELL	38	>CDKN2A-S5.NARVAELL	1553	1515
>CDKN2A-S5.SARVAELL	377	>CDKN2A-S5.NARVAELL	4658	4281
>CDKN2A-S5.SARVAELL	179	>CDKN2A-S5.NARVAELL	2666	2487
>CDKN2A-S5.SARVAELL	137	>CDKN2A-S5.NARVAELL	2179	2042
>CDKN2A-S5.GSARVAEL	282	>CDKN2A-S5.GNARVAEL	22841	22559
>CDKN2A-S5.GSARVAELL	237	>CDKN2A-S5.GNARVAELL	17080	16843
>CDKN2A-S5.GSARVAELL	255	>CDKN2A-S5.GNARVAELL	16954	16699
>CDKN2A-S5.GSARVAELL	270	>CDKN2A-S5.GNARVAELL	17033	16763
>CDKN2A-S5.GSARVAELL	264	>CDKN2A-S5.GNARVAELL	14319	14055
>CDKN2A-S5.GSARVAELL	24	>CDKN2A-S5.GNARVAELL	505	481
>CDKN2A-S5.GSARVAELL	452	>CDKN2A-S5.GNARVAELL	16658	16206
>CDKN2A-S5.GSARVAELL	66	>CDKN2A-S5.GNARVAELL	1188	1122
>CDKN2A-S5.RRPIQVMM	659	>CDKN2A-S5.RRPIQVMM	364	295
>CDKN2A-S5.MGSARVAEL	66	>CDKN2A-S5.MGNARVAEL	137	71
>CDKN2A-S5.MGSARVAEL	399	>CDKN2A-S5.MGNARVAEL	753	354
>CDKN2A-S5.MGSARVAEL	218	>CDKN2A-S5.MGNARVAEL	446	228
>CDKN2A-S5.MMGSARVA	177	>CDKN2A-S5.MMGNARVA	128	49

>CDKN2A-S5 MMGSARVAI	143	>CDKN2A-S5 MMGNARVA	180	37
>CDKN2A-S5 MMGSARVAI	24	>CDKN2A-S5 MMGNARVA	29	5
>CDKN2A-S5 MMGSARVAI	8	>CDKN2A-S5 MMGNARVA	13	5
>CDKN2A-S5 MMGSARVA	224	>CDKN2A-S5 MMGNARVA	336	112
>CDKN2A-S5 MMGSARVAI	52	>CDKN2A-S5 MMGNARVA	60	8
>CDKN2A-S5 MMGSARVAI	173	>CDKN2A-S5 MMGNARVA	225	52
>CDKN2A-S5 MMGSARVAI	436	>CDKN2A-S5 MMGNARVA	335	101
>CDKN2A-S5 MMGSARVA	187	>CDKN2A-S5 MMGNARVA	125	62
>CDKN2A-S5 MMGSARVAI	11	>CDKN2A-S5 MMGNARVA	10	1
>CDKN2A-S5 MMGSARVAI	24	>CDKN2A-S5 MMGNARVA	19	5
>CDKN2A-S5 MMGSARVAI	42	>CDKN2A-S5 MMGNARVA	23	19
>CDKN2A-S5 MMGSARVAI	190	>CDKN2A-S5 MMGNARVA	90	100
>CDKN2A-S5 MMGSARVAI	46	>CDKN2A-S5 MMGNARVA	31	15
>CDKN2A-S5 MMGSARVAI	81	>CDKN2A-S5 MMGNARVA	56	25
>CDKN2A-S5 MMGSARVAI	33	>CDKN2A-S5 MMGNARVA	37	4
>CDKN2A-S5 MMGSARVAI	112	>CDKN2A-S5 MMGNARVA	122	10
>CDKN2A-S5 MMGSARVA	95	>CDKN2A-S5 MMGNARVA	75	20
>CDKN2A-S5 MMGSARVAI	3	>CDKN2A-S5 MMGNARVA	3	0
>CDKN2A-S5 MMGSARVAI	8	>CDKN2A-S5 MMGNARVA	7	1
>CDKN2A-S5 MMGSARVAI	163	>CDKN2A-S5 MMGNARVA	149	14
>CDKN2A-S5 MMGSARVAI	90	>CDKN2A-S5 MMGNARVA	125	35
>CDKN2A-S5 MMGSARVAI	402	>CDKN2A-S5 MMGNARVA	546	144
>CDKN2A-S5 MMMGSARV	587	>CDKN2A-S5 MMMGNAR\	420	167
>CDKN2A-S5 MMMGSARV	11	>CDKN2A-S5 MMMGNAR\	12	1
>CDKN2A-S5 MMMGSARV	19	>CDKN2A-S5 MMMGNAR\	22	3
>CDKN2A-S5 MMMGSARV	3	>CDKN2A-S5 MMMGNAR\	3	0
>CDKN2A-S5 MMMGSARV	102	>CDKN2A-S5 MMMGNAR\	182	80
>CDKN2A-S5 MMMGSARV	4	>CDKN2A-S5 MMMGNAR\	4	0
>CDKN2A-S5 MMMGSARV	2	>CDKN2A-S5 MMMGNAR\	3	1
>CDKN2A-S5 MMMGSARV	11	>CDKN2A-S5 MMMGNAR\	17	6
>CDKN2A-S5 MMMGSARV	5	>CDKN2A-S5 MMMGNAR\	6	1
>CDKN2A-S5 MMMGSARV	8	>CDKN2A-S5 MMMGNAR\	10	2
>CDKN2A-S5 MMMGSARV	437	>CDKN2A-S5 MMMGNAR\	799	362
>CDKN2A-S5 MMMGSARV	27	>CDKN2A-S5 MMMGNAR\	35	8
>CDKN2A-S5 MMMGSARV	2	>CDKN2A-S5 MMMGNAR\	2	0
>CDKN2A-S5 MMMGSARV	29	>CDKN2A-S5 MMMGNAR\	15	14
>CDKN2A-S5 MMMGSARV	3	>CDKN2A-S5 MMMGNAR\	3	0
>CDKN2A-S5 MMMGSARV	3	>CDKN2A-S5 MMMGNAR\	3	0
>CDKN2A-S5 MMMGSARV	281	>CDKN2A-S5 MMMGNAR\	61	220
>CDKN2A-S5 MMMGSARV	9	>CDKN2A-S5 MMMGNAR\	5	4
>CDKN2A-S5 MMMGSARV	8	>CDKN2A-S5 MMMGNAR\	9	1
>CDKN2A-S5 MMMGSARV	35	>CDKN2A-S5 MMMGNAR\	42	7
>CDKN2A-S5 MMMGSARV	2	>CDKN2A-S5 MMMGNAR\	2	0

>CDKN2A-S5 MMMGSARV	91	>CDKN2A-S5 MMMGNAR\	67	24
>CDKN2A-S5 MMMGSARV	4	>CDKN2A-S5 MMMGNAR\	4	0
>CDKN2A-S5 MMMGSARV	2	>CDKN2A-S5 MMMGNAR\	2	0
>CDKN2A-S5 MMMGSARV	21	>CDKN2A-S5 MMMGNAR\	17	4
>CDKN2A-S5 MMMGSARV	3	>CDKN2A-S5 MMMGNAR\	3	0
>CDKN2A-S5 MMMGSARV	179	>CDKN2A-S5 MMMGNAR\	97	82
>CDKN2A-S5 MMMGSARV	29	>CDKN2A-S5 MMMGNAR\	27	2
>CDKN2A-S5 MMMGSARV	235	>CDKN2A-S5 MMMGNAR\	231	4
>CDKN2A-S5 MMMGSARV	51	>CDKN2A-S5 MMMGNAR\	56	5
>CDKN2A-S5 MMMGSARV	188	>CDKN2A-S5 MMMGNAR\	175	13
>CDKN2A-S5 MMMGSARV	301	>CDKN2A-S5 MMMGNAR\	654	353
>CDKN2A-S5 MMMGSARV	191	>CDKN2A-S5 MMMGNAR\	387	196
>CDKN2A-S5 MMMGSARV	84	>CDKN2A-S5 MMMGNAR\	123	39
>CDKN2A-S5 MMMGSARV	237	>CDKN2A-S5 MMMGNAR\	547	310
>CDKN2A-S5 MMMGSARV	342	>CDKN2A-S5 MMMGNAR\	1027	685
>CDKN2A-S5 MMMGSARV	31	>CDKN2A-S5 MMMGNAR\	53	22
>CDKN2A-S5 MMMGSARV	55	>CDKN2A-S5 MMMGNAR\	143	88
>CDKN2A-S5 MMMGSARV	465	>CDKN2A-S5 MMMGNAR\	741	276
>CDKN2A-S5 MMMGSARV	18	>CDKN2A-S5 MMMGNAR\	19	1
>CDKN2A-S5 MMMGSARV	185	>CDKN2A-S5 MMMGNAR\	291	106
>CDKN2A-S5 VMMMGSAR	182	>CDKN2A-S5 VMMMGNAF	429	247
>CDKN2A-S5 VMMMGSAR	11	>CDKN2A-S5 VMMMGNAF	11	0
>CDKN2A-S5 VMMMGSAR	9	>CDKN2A-S5 VMMMGNAF	12	3
>CDKN2A-S5 VMMMGSAR	425	>CDKN2A-S5 VMMMGNAF	529	104
>CDKN2A-S5 VMMMGSAR	3	>CDKN2A-S5 VMMMGNAF	4	1
>CDKN2A-S5 VMMMGSAR	226	>CDKN2A-S5 VMMMGNAF	329	103
>CDKN2A-S5 VMMMGSAR	19	>CDKN2A-S5 VMMMGNAF	25	6
>CDKN2A-S5 VMMMGSAR	2	>CDKN2A-S5 VMMMGNAF	2	0
>CDKN2A-S5 VMMMGSAR	55	>CDKN2A-S5 VMMMGNAF	55	0
>CDKN2A-S5 VMMMGSAR	3	>CDKN2A-S5 VMMMGNAF	5	2
>CDKN2A-S5 VMMMGSAR	239	>CDKN2A-S5 VMMMGNAF	221	18
>CDKN2A-S5 VMMMGSAR	7	>CDKN2A-S5 VMMMGNAF	10	3
>CDKN2A-S5 VMMMGSAR	2	>CDKN2A-S5 VMMMGNAF	2	0
>CDKN2A-S5 VMMMGSAR	95	>CDKN2A-S5 VMMMGNAF	114	19
>CDKN2A-S5 VMMMGSAR	2	>CDKN2A-S5 VMMMGNAF	2	0
>CDKN2A-S5 VMMMGSAR	54	>CDKN2A-S5 VMMMGNAF	59	5
>CDKN2A-S5 VMMMGSAR	212	>CDKN2A-S5 VMMMGNAF	725	513
>CDKN2A-S5 VMMMGSAR	168	>CDKN2A-S5 VMMMGNAF	273	105
>CDKN2A-S5 VMMMGSAR	20	>CDKN2A-S5 VMMMGNAF	22	2
>CDKN2A-S5 VMMMGSAR	120	>CDKN2A-S5 VMMMGNAF	135	15
>CDKN2A-S5 VMMMGSAR	462	>CDKN2A-S5 VMMMGNAF	554	92
>CDKN2A-S5 VMMMGSAR	175	>CDKN2A-S5 VMMMGNAF	395	220
>CDKN2A-S5 VMMMGSAR	183	>CDKN2A-S5 VMMMGNAF	339	156

>CDKN2A-S5 VMMMGSAR	146	>CDKN2A-S5 VMMMGNAF	241	95
>CDKN2A-S5 VMMMGSAR	420	>CDKN2A-S5 VMMMGNAF	605	185
>CDKN2A-S5 QVMMMGS/	419	>CDKN2A-S5 QVMMMGN/	391	28
>CDKN2A-S5 QVMMMGS/	298	>CDKN2A-S5 QVMMMGN/	490	192
>CDKN2A-S5 QVMMMGS/	61	>CDKN2A-S5 QVMMMGN/	96	35
>CDKN2A-S5 QVMMMGS/	313	>CDKN2A-S5 QVMMMGN/	335	22
>CDKN2A-S5 QVMMMGS/	248	>CDKN2A-S5 QVMMMGN/	472	224
>CDKN2A-S5 QVMMMGS/	41	>CDKN2A-S5 QVMMMGN/	75	34
>CDKN2A-S5 QVMMMGS/	114	>CDKN2A-S5 QVMMMGN/	190	76
>CDKN2A-S5 QVMMMGS/	55	>CDKN2A-S5 QVMMMGN/	77	22
>CDKN2A-S5 QVMMMGS/	218	>CDKN2A-S5 QVMMMGN/	399	181
>CDKN2A-S5 QVMMMGS/	20	>CDKN2A-S5 QVMMMGN/	30	10
>CDKN2A-S5 QVMMMGS/	167	>CDKN2A-S5 QVMMMGN/	159	8
>CDKN2A-S5 QVMMMGS/	215	>CDKN2A-S5 QVMMMGN/	155	60
>CDKN2A-S5 QVMMMGS/	78	>CDKN2A-S5 QVMMMGN/	87	9
>CDKN2A-S5 IQVMMMGS.	167	>CDKN2A-S5 IQVMMMGN	292	125
>CDKN2A-S5 IQVMMMGS.	42	>CDKN2A-S5 IQVMMMGN	79	37
>CDKN2A-S5 IQVMMMGS.	87	>CDKN2A-S5 IQVMMMGN	523	436
>CDKN2A-S5 IQVMMMGS.	16	>CDKN2A-S5 IQVMMMGN	26	10
>CDKN2A-S5 IQVMMMGS.	120	>CDKN2A-S5 IQVMMMGN	135	15
>CDKN2A-S5 IQVMMMGS.	240	>CDKN2A-S5 IQVMMMGN	441	201
>CDKN2A-S5 IQVMMMGS.	117	>CDKN2A-S5 IQVMMMGN	224	107
>CDKN2A-S5 IQVMMMGS.	187	>CDKN2A-S5 IQVMMMGN	348	161
>CDKN2A-S5 RPIQVMMMI	23	>CDKN2A-S5 RPIQVMMMI	93	70
>CDKN2A-S5 RPIQVMMMI	288	>CDKN2A-S5 RPIQVMMMI	829	541
>CDKN2A-S5 RPIQVMMMI	134	>CDKN2A-S5 RPIQVMMMI	296	162
>CDKN2A-T1 GTRGSNHA	16	>CDKN2A-T1 GARGSNHA	61	45
>CDKN2A-T1 GTRGSNHAR	51	>CDKN2A-T1 GARGSNHAR	350	299
>CDKN2A-T1 GTRGSNHAR	15	>CDKN2A-T1 GARGSNHAR	59	44
>CDKN2A-T1 GTRGSNHAR	28	>CDKN2A-T1 GARGSNHAR	74	46
>CDKN2A-T1 GTRGSNHAR	412	>CDKN2A-T1 GARGSNHAR	1096	684
>CDKN2A-T1 GTRGSNHAR	205	>CDKN2A-T1 GARGSNHAR	1124	919
>CDKN2A-T1 GTRGSNHAR	10	>CDKN2A-T1 GARGSNHAR	72	62
>CDKN2A-T1 GTRGSNHAR	470	>CDKN2A-T1 GARGSNHAR	4819	4349
>CDKN2A-T1 ARYLRAAAGC	321	>CDKN2A-T1 ARYLRAAAGC	153	168
>CDKN2A-T1 ARYLRAAAGC	1070	>CDKN2A-T1 ARYLRAAAGC	412	658
>CDKN2A-T1 RAAAGGTR	82	>CDKN2A-T1 RAAAGGAR	73	9
>CDKN2A-T1 RAAAGGTR	423	>CDKN2A-T1 RAAAGGAR	598	175
>CDKN2A-T1 LRAAAGGTR	199	>CDKN2A-T1 LRAAAGGAR	230	31
>CDKN2A-T1 YLRAAAGGT	48	>CDKN2A-T1 YLRAAAGGA	7	41
>CDKN2A-T1 YLRAAAGGT	1645	>CDKN2A-T1 YLRAAAGGA	216	1429
>CDKN2A-T1 YLRAAAGGT	128	>CDKN2A-T1 YLRAAAGGA	13	115
>CDKN2A-T1 YLRAAAGGTF	729	>CDKN2A-T1 YLRAAAGGAI	460	269

>CDKN2A-T1 YLRAAAGGTF	231	>CDKN2A-T1 YLRAAAGGAI	151	80
>CDKN2A-T1 RYLRAAAGGΓ	218	>CDKN2A-T1 RYLRAAAGG/	220	2
>CDKN2A-T1 RYLRAAAGGΓ	128	>CDKN2A-T1 RYLRAAAGG/	208	80
>CDKN2A-T1 RYLRAAAGGΓ	1387	>CDKN2A-T1 RYLRAAAGG/	52	1335
>CDKN2A-T1 RYLRAAAGGΓ	96	>CDKN2A-T1 RYLRAAAGG/	98	2
>CDKN2A-T1 RYLRAAAGGΓ	24	>CDKN2A-T1 RYLRAAAGG/	19	5
>CDKN2A-T1 RYLRAAAGGΓ	33	>CDKN2A-T1 RYLRAAAGG/	39	6
>CDKN2A-T1 TRGSNHAR	575	>CDKN2A-T1 IRGSNHAR	373	202
>CDKN2A-T1 GTRGSNHAR	10029	>CDKN2A-T1 GIRGSNHARI	454	9575
>CDKN2A-T1 GTRGSNHA	16	>CDKN2A-T1 GIRGSNHA	58	42
>CDKN2A-T1 GTRGSNHAR	51	>CDKN2A-T1 GIRGSNHAR	309	258
>CDKN2A-T1 GTRGSNHAR	15	>CDKN2A-T1 GIRGSNHARI	56	41
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>CDKN2A-T1 GTRGSNHAR	412	>CDKN2A-T1 GIRGSNHAR	1062	650
>CDKN2A-T1 GTRGSNHAR	205	>CDKN2A-T1 GIRGSNHAR	1169	964
>CDKN2A-T1 GTRGSNHAR	10	>CDKN2A-T1 GIRGSNHARI	1992	1982
>CDKN2A-T1 GTRGSNHAR	470	>CDKN2A-T1 GIRGSNHAR	10958	10488
>CDKN2A-T1 ARYLRAAAGC	19488	>CDKN2A-T1 ARYLRAAAGC	266	19222
>CDKN2A-T1 ARYLRAAAGC	321	>CDKN2A-T1 ARYLRAAAGC	39	282
>CDKN2A-T1 ARYLRAAAGC	1070	>CDKN2A-T1 ARYLRAAAGC	29	1041
>CDKN2A-T1 RAAAGGTR	82	>CDKN2A-T1 RAAAGGIR	153	71
>CDKN2A-T1 RAAAGGTR	423	>CDKN2A-T1 RAAAGGIR	692	269
>CDKN2A-T1 LRAAAGGT	2330	>CDKN2A-T1 LRAAAGGI	187	2143
>CDKN2A-T1 LRAAAGGTR	199	>CDKN2A-T1 LRAAAGGIR	438	239
>CDKN2A-T1 YLRAAAGGT	3382	>CDKN2A-T1 YLRAAAGGI	199	3183
>CDKN2A-T1 YLRAAAGGT	48	>CDKN2A-T1 YLRAAAGGI	6	42
>CDKN2A-T1 YLRAAAGGT	1645	>CDKN2A-T1 YLRAAAGGI	40	1605
>CDKN2A-T1 YLRAAAGGT	9700	>CDKN2A-T1 YLRAAAGGI	192	9508
>CDKN2A-T1 YLRAAAGGT	4869	>CDKN2A-T1 YLRAAAGGI	386	4483
>CDKN2A-T1 YLRAAAGGT	128	>CDKN2A-T1 YLRAAAGGI	12	116
>CDKN2A-T1 YLRAAAGGT	1198	>CDKN2A-T1 YLRAAAGGI	211	987
>CDKN2A-T1 YLRAAAGGTF	231	>CDKN2A-T1 YLRAAAGGIR	458	227
>CDKN2A-T1 RYLRAAAGGΓ	13953	>CDKN2A-T1 RYLRAAAGGI	50	13903
>CDKN2A-T1 RYLRAAAGGΓ	218	>CDKN2A-T1 RYLRAAAGGI	5	213
>CDKN2A-T1 RYLRAAAGGΓ	128	>CDKN2A-T1 RYLRAAAGGI	292	164
>CDKN2A-T1 RYLRAAAGGΓ	1387	>CDKN2A-T1 RYLRAAAGGI	55	1332
>CDKN2A-T1 RYLRAAAGGΓ	96	>CDKN2A-T1 RYLRAAAGGI	135	39
>CDKN2A-T1 RYLRAAAGGΓ	24	>CDKN2A-T1 RYLRAAAGGI	36	12
>CDKN2A-T1 RYLRAAAGGΓ	33	>CDKN2A-T1 RYLRAAAGGI	37	4
>CDKN2A-T1 GTRGSNHA	16	>CDKN2A-T1 GPRGSNHA	12783	12767
>CDKN2A-T1 GTRGSNHAR	51	>CDKN2A-T1 GPRGSNHAR	15771	15720
>CDKN2A-T1 GTRGSNHAR	15	>CDKN2A-T1 GPRGSNHAR	12461	12446
>CDKN2A-T1 GTRGSNHAR	28	>CDKN2A-T1 GPRGSNHAR	4598	4570

>CDKN2A-T1 GTRGSNHAR	412	>CDKN2A-T1 GPRGSNHAR	7337	6925
>CDKN2A-T1 GTRGSNHAR	205	>CDKN2A-T1 GPRGSNHAR	12862	12657
>CDKN2A-T1 GTRGSNHA	18146	>CDKN2A-T1 GPRGSNHA	128	18018
>CDKN2A-T1 GTRGSNHAR	10	>CDKN2A-T1 GPRGSNHAR	11601	11591
>CDKN2A-T1 GTRGSNHA	29894	>CDKN2A-T1 GPRGSNHA	475	29419
>CDKN2A-T1 GTRGSNHAR	470	>CDKN2A-T1 GPRGSNHAR	14739	14269
>CDKN2A-T1 ARYLRAAAGC	321	>CDKN2A-T1 ARYLRAAAGC	591	270
>CDKN2A-T1 GGTRGSNHA	12796	>CDKN2A-T1 GGPRGSNHA	258	12538
>CDKN2A-T1 RAAAGGTR	82	>CDKN2A-T1 RAAAGGPR	47	35
>CDKN2A-T1 RAAAGGTR	423	>CDKN2A-T1 RAAAGGPR	658	235
>CDKN2A-T1 RAAAGGTR	1680	>CDKN2A-T1 RAAAGGPR	492	1188
>CDKN2A-T1 LRAAAGGTR	199	>CDKN2A-T1 LRAAAGGPR	123	76
>CDKN2A-T1 YLRAAAGGT	48	>CDKN2A-T1 YLRAAAGGP	3217	3169
>CDKN2A-T1 YLRAAAGGT	128	>CDKN2A-T1 YLRAAAGGP	12710	12582
>CDKN2A-T1 YLRAAAGGTF	729	>CDKN2A-T1 YLRAAAGGPF	425	304
>CDKN2A-T1 YLRAAAGGTF	231	>CDKN2A-T1 YLRAAAGGPF	312	81
>CDKN2A-T1 RYLRAAAGGT	218	>CDKN2A-T1 RYLRAAAGGF	528	310
>CDKN2A-T1 RYLRAAAGGT	128	>CDKN2A-T1 RYLRAAAGGF	390	262
>CDKN2A-T1 RYLRAAAGGT	96	>CDKN2A-T1 RYLRAAAGGF	44	52
>CDKN2A-T1 RYLRAAAGGT	24	>CDKN2A-T1 RYLRAAAGGF	14	10
>CDKN2A-T1 RYLRAAAGGT	33	>CDKN2A-T1 RYLRAAAGGF	19	14
>CDKN2A-T1 TAAARGRVEE	559	>CDKN2A-T1 MAAARGRVE	61	498
>CDKN2A-T1 TAAARGRV	2026	>CDKN2A-T1 MAAARGRV	260	1766
>CDKN2A-T1 TAAARGRVEE	573	>CDKN2A-T1 MAAARGRVE	72	501
>CDKN2A-T1 TAAARGRVEE	741	>CDKN2A-T1 MAAARGRVE	117	624
>CDKN2A-T1 TAAARGRVEE	2006	>CDKN2A-T1 MAAARGRVE	221	1785
>CDKN2A-T1 TAAARGRV	3626	>CDKN2A-T1 MAAARGRV	303	3323
>CDKN2A-T1 TAAARGRVEE	881	>CDKN2A-T1 MAAARGRVE	92	789
>CDKN2A-T1 TAAARGRV	36	>CDKN2A-T1 MAAARGRV	16	20
>CDKN2A-T1 TAAARGRVEE	34	>CDKN2A-T1 MAAARGRVE	16	18
>CDKN2A-T1 TAAARGRV	5580	>CDKN2A-T1 MAAARGRV	491	5089
>CDKN2A-T1 ATAAARGRV	1588	>CDKN2A-T1 AMAAARGRV	31	1557
>CDKN2A-T1 ATAAARGRV	589	>CDKN2A-T1 AMAAARGRV	8	581
>CDKN2A-T1 ATAAARGRV	4329	>CDKN2A-T1 AMAAARGRV	29	4300
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>CDKN2A-T1 ATAAARGRV	561	>CDKN2A-T1 AMAAARGRV	4	557
>CDKN2A-T1 ATAAARGR	366	>CDKN2A-T1 AMAAARGR	208	158
>CDKN2A-T1 ATAAARGR	32	>CDKN2A-T1 AMAAARGR	684	652
>CDKN2A-T1 ATAAARGRV	13	>CDKN2A-T1 AMAAARGRV	643	630
>CDKN2A-T1 SMEPSADWL	9046	>CDKN2A-T1 SMEPSADWL	324	8722
>CDKN2A-T1 SMEPSADWL	11200	>CDKN2A-T1 SMEPSADWL	462	10738
>CDKN2A-T1 LATAAARGRV	2416	>CDKN2A-T1 LAMAAARGR	187	2229
>CDKN2A-T1 LATAAARGR	105	>CDKN2A-T1 LAMAAARGR	59	46

>CDKN2A-T1 LATAAARGRI	107	>CDKN2A-T1 LAMAAAARGR	36	71
>CDKN2A-T1 LATAAARGRI	3162	>CDKN2A-T1 LAMAAAARGR	297	2865
>CDKN2A-T1 WLATAAARG	336	>CDKN2A-T1 WLAMAAAAR	425	89
>CDKN2A-T1 WLATAAARG	22	>CDKN2A-T1 WLAMAAAAR	23	1
>CDKN2A-T1 WLATAAARG	8	>CDKN2A-T1 WLAMAAAAR	9	1
>CDKN2A-T1 WLATAAARG	125	>CDKN2A-T1 WLAMAAAAR	128	3
>CDKN2A-T1 WLATAAARG	25	>CDKN2A-T1 WLAMAAAAR	18	7
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>CDKN2A-T1 WLATAAARG	27	>CDKN2A-T1 WLAMAAAAR	22	5
>CDKN2A-T1 WLATAAARG	23	>CDKN2A-T1 WLAMAAAAR	28	5
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>CDKN2A-T1 WLATAAARG	838	>CDKN2A-T1 WLAMAAAAR	418	420
>CDKN2A-T1 WLATAAARG	37	>CDKN2A-T1 WLAMAAAAR	64	27
>CDKN2A-T1 WLATAAARG	350	>CDKN2A-T1 WLAMAAAAR	441	91
>CDKN2A-T1 WLATAAARG	58	>CDKN2A-T1 WLAMAAAAR	51	7
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>CDKN2A-T1 DWLATAAAR	119	>CDKN2A-T1 DWLAMAAAAR	83	36
>CDKN2A-T1 DWLATAAAR	23	>CDKN2A-T1 DWLAMAAAAR	24	1
>CDKN2A-T1 DWLATAAAR	30	>CDKN2A-T1 DWLAMAAAAR	32	2
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>CDKN2A-T1 ADWLATAAA	734	>CDKN2A-T1 ADWLAMAAAR	454	280
>CDKN2A-T1 SADWLATAA	83	>CDKN2A-T1 SADWLAMAAAR	68	15
>CDKN2A-T1 SADWLATA	526	>CDKN2A-T1 SADWLAMAAAR	209	317
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>CDKN2A-T1 SADWLATAA	283	>CDKN2A-T1 SADWLAMAAAR	191	92
>CDKN2A-T1 PSADWLAT	20359	>CDKN2A-T1 PSADWLAM	353	20006
>CDKN2A-T1 EPSADWLAT	7143	>CDKN2A-T1 EPSADWLAM	109	7034
>CDKN2A-T1 EPSADWLAT	30	>CDKN2A-T1 EPSADWLAM	7	23
>CDKN2A-T1 EPSADWLAT/	31	>CDKN2A-T1 EPSADWLAM	43	12
>CDKN2A-T1 EPSADWLAT	8836	>CDKN2A-T1 EPSADWLAM	139	8697
>CDKN2A-T1 EPSADWLAT	1424	>CDKN2A-T1 EPSADWLAM	50	1374
>CDKN2A-T1 EPSADWLAT/	270	>CDKN2A-T1 EPSADWLAM	290	20
>CDKN2A-T1 EPSADWLAT	8572	>CDKN2A-T1 EPSADWLAM	371	8201
>CDKN2A-T1 MEPSADWLA	1109	>CDKN2A-T1 MEPSADWLA	367	742
>CDKN2A-T1 MEPSADWLA	2551	>CDKN2A-T1 MEPSADWLA	313	2238
>CDKN2A-T7 TLTRPVHDA	660	>CDKN2A-T7 SLTRPVHDA	377	283
>CDKN2A-T7 TLTRPVHDA/	611	>CDKN2A-T7 SLTRPVHDA/	388	223
>CDKN2A-T7 TLTRPVHDA	722	>CDKN2A-T7 SLTRPVHDA	116	606
>CDKN2A-T7 TLTRPVHDA/	280	>CDKN2A-T7 SLTRPVHDA/	47	233
>CDKN2A-T7 TLTRPVHDA	694	>CDKN2A-T7 SLTRPVHDA	51	643
>CDKN2A-T7 TLTRPVHDA/	1048	>CDKN2A-T7 SLTRPVHDA/	105	943



>CDKN2A-T7 TLTRPVHDA	12	>CDKN2A-T7 SLTRPVHDA	5	7
>CDKN2A-T7 TLTRPVHDAA	88	>CDKN2A-T7 SLTRPVHDAA	24	64
>CDKN2A-T7 TLTRPVHDAA	159	>CDKN2A-T7 SLTRPVHDAA	102	57
>CDKN2A-T7 TLTRPVHDAA	411	>CDKN2A-T7 SLTRPVHDAA	1384	973
>CDKN2A-T7 TLTRPVHDAA	68	>CDKN2A-T7 SLTRPVHDAA	243	175
>CDKN2A-T7 DPATLTRPV	485	>CDKN2A-T7 DPASLTRPV	565	80
>CDKN2A-T7 DPATLTRPV	197	>CDKN2A-T7 DPASLTRPV	117	80
>CDKN2A-T7 DPATLTRPV	149	>CDKN2A-T7 DPASLTRPV	90	59
>CDKN2A-T7 DPATLTRPV	668	>CDKN2A-T7 DPASLTRPV	453	215
>CDKN2A-T7 ADPATLTRPV	498	>CDKN2A-T7 ADPASLTRPV	546	48
>CDKN2A-T7 CADPATLTR	353	>CDKN2A-T7 CADPASLTR	615	262
>CDKN2A-T7 NCADPATLTF	284	>CDKN2A-T7 NCADPASLTR	235	49
>CDKN2A-T7 NCADPATL	475	>CDKN2A-T7 NCADPASL	323	152
>CDKN2A-T7 NCADPATLTF	233	>CDKN2A-T7 NCADPASLTR	531	298
>CDKN2A-T7 EPNCADPATL	353	>CDKN2A-T7 EPNCADPASL	314	39
>CDKN2A-T7 EPNCADPAT	16	>CDKN2A-T7 EPNCADPAS	19	3
>CDKN2A-T7 EPNCADPATL	279	>CDKN2A-T7 EPNCADPASL	316	37
>CDKN2A-T7 EPNCADPAT	371	>CDKN2A-T7 EPNCADPAS	757	386
>CDKN2A-T7 AEPNCADPA	183	>CDKN2A-T7 AEPNCADPAS	308	125
>CDKN2A-T7 AEPNCADPA	849	>CDKN2A-T7 AEPNCADPAS	355	494
>CDKN2A-T7 AEPNCADPA	230	>CDKN2A-T7 AEPNCADPAS	464	234
>CDKN2A-T7 AEPNCADPA	65	>CDKN2A-T7 AEPNCADPAS	62	3
>CDKN2A-T7 LTRPVHDA	8636	>CDKN2A-T7 LIRPVHDA	488	8148
>CDKN2A-T7 LTRPVHDA	48	>CDKN2A-T7 LIRPVHDA	279	231
>CDKN2A-T7 LTRPVHDAA	24	>CDKN2A-T7 LIRPVHDAA	123	99
>CDKN2A-T7 LTRPVHDAAF	56	>CDKN2A-T7 LIRPVHDAAR	323	267
>CDKN2A-T7 LTRPVHDAAF	107	>CDKN2A-T7 LIRPVHDAAR	86	21
>CDKN2A-T7 LTRPVHDAAF	47	>CDKN2A-T7 LIRPVHDAAR	142	95
>CDKN2A-T7 EPNCADPATL	279	>CDKN2A-T7 EPNCADPATL	406	127
>CDKN2A-T7 EPNCADPATL	12659	>CDKN2A-T7 EPNCADPATL	477	12182
>CDKN2A-T7 EPNCADPATL	6097	>CDKN2A-T7 EPNCADPATL	164	5933
>CDKN2A-T7 TLTRPVHDA	660	>CDKN2A-T7 TLIRPVHDA	97	563
>CDKN2A-T7 TLTRPVHDAA	611	>CDKN2A-T7 TLIRPVHDAA	172	439
>CDKN2A-T7 TLTRPVHDA	722	>CDKN2A-T7 TLIRPVHDA	201	521
>CDKN2A-T7 TLTRPVHDAA	280	>CDKN2A-T7 TLIRPVHDAA	82	198
>CDKN2A-T7 TLTRPVHDA	2123	>CDKN2A-T7 TLIRPVHDA	409	1714
>CDKN2A-T7 TLTRPVHDAA	1975	>CDKN2A-T7 TLIRPVHDAA	436	1539
>CDKN2A-T7 TLTRPVHDA	12	>CDKN2A-T7 TLIRPVHDA	23	11
>CDKN2A-T7 TLTRPVHDAA	88	>CDKN2A-T7 TLIRPVHDAA	139	51
>CDKN2A-T7 TLTRPVHDAA	159	>CDKN2A-T7 TLIRPVHDAA	88	71
>CDKN2A-T7 TLTRPVHDAA	411	>CDKN2A-T7 TLIRPVHDAA	355	56
>CDKN2A-T7 TLTRPVHDAA	68	>CDKN2A-T7 TLIRPVHDAA	57	11
>CDKN2A-T7 TLTRPVHDAA	993	>CDKN2A-T7 TLIRPVHDAA	413	580

>CDKN2A-T7 DPATLTRPV	485	>CDKN2A-T7 DPATLIRPV	569	84
>CDKN2A-T7 DPATLTRPV	197	>CDKN2A-T7 DPATLIRPV	261	64
>CDKN2A-T7 DPATLTRPV	149	>CDKN2A-T7 DPATLIRPV	1054	905
>CDKN2A-T7 ADPATLTRPV	498	>CDKN2A-T7 ADPATLIRPV	645	147
>CDKN2A-T7 CADPATLTR	353	>CDKN2A-T7 CADPATLIR	612	259
>CDKN2A-T7 CADPATLT	21055	>CDKN2A-T7 CADPATLI	20	21035
>CDKN2A-T7 NCADPATLTF	284	>CDKN2A-T7 NCADPATLIR	652	368
>CDKN2A-T7 NCADPATLT	2621	>CDKN2A-T7 NCADPATLI	110	2511
>CDKN2A-T7 NCADPATLT	6314	>CDKN2A-T7 NCADPATLI	288	6026
>CDKN2A-T7 NCADPATLTF	233	>CDKN2A-T7 NCADPATLIR	316	83
>CDKN2A-T9 TLVVLHRA	433	>CDKN2A-T9 ALVVLHRA	199	234
>CDKN2A-T9 TLVVLHRA	247	>CDKN2A-T9 ALVVLHRA	136	111
>CDKN2A-T9 TLVVLHRAGA	240	>CDKN2A-T9 ALVVLHRAGA	263	23
>CDKN2A-T9 TLVVLHRA	426	>CDKN2A-T9 ALVVLHRA	107	319
>CDKN2A-T9 TLVVLHRA	1412	>CDKN2A-T9 ALVVLHRA	454	958
>CDKN2A-T9 TLVVLHRA	59	>CDKN2A-T9 ALVVLHRA	18	41
>CDKN2A-T9 TLVVLHRAGA	465	>CDKN2A-T9 ALVVLHRAGA	86	379
>CDKN2A-T9 TLVVLHRAGA	209	>CDKN2A-T9 ALVVLHRAGA	158	51
>CDKN2A-T9 TLVVLHRAGA	185	>CDKN2A-T9 ALVVLHRAGA	3323	3138
>CDKN2A-T9 DTLVVLHR	277	>CDKN2A-T9 DALVVLHR	811	534
>CDKN2A-T9 DTLVVLHR	9	>CDKN2A-T9 DALVVLHR	16	7
>CDKN2A-T9 DTLVVLHR	16	>CDKN2A-T9 DALVVLHR	41	25
>CDKN2A-T9 DTLVVLHRA	178	>CDKN2A-T9 DALVVLHRA	2073	1895
>CDKN2A-T9 DTLVVLHRAC	197	>CDKN2A-T9 DALVVLHRAC	1996	1799
>CDKN2A-T9 DTLVVLHRA	46	>CDKN2A-T9 DALVVLHRA	308	262
>CDKN2A-T9 DTLVVLHRAC	65	>CDKN2A-T9 DALVVLHRAC	376	311
>CDKN2A-T9 FLDTLVVL	12	>CDKN2A-T9 FLDALVVL	11	1
>CDKN2A-T9 FLDTLVVLHR	550	>CDKN2A-T9 FLDALVVLHR	443	107
>CDKN2A-T9 FLDTLVVLHR,	12	>CDKN2A-T9 FLDALVVLHR	11	1
>CDKN2A-T9 FLDTLVVL	9	>CDKN2A-T9 FLDALVVL	5	4
>CDKN2A-T9 FLDTLVVLH	908	>CDKN2A-T9 FLDALVVLH	375	533
>CDKN2A-T9 FLDTLVVLHR,	7	>CDKN2A-T9 FLDALVVLHR	5	2
>CDKN2A-T9 FLDTLVVL	74	>CDKN2A-T9 FLDALVVL	44	30
>CDKN2A-T9 FLDTLVVLHR,	24	>CDKN2A-T9 FLDALVVLHR	16	8
>CDKN2A-T9 FLDTLVVL	37	>CDKN2A-T9 FLDALVVL	19	18
>CDKN2A-T9 FLDTLVVLHR,	68	>CDKN2A-T9 FLDALVVLHR	37	31
>CDKN2A-T9 FLDTLVVL	3	>CDKN2A-T9 FLDALVVL	3	0
>CDKN2A-T9 FLDTLVVLHR,	3	>CDKN2A-T9 FLDALVVLHR	2	1
>CDKN2A-T9 FLDTLVVL	4	>CDKN2A-T9 FLDALVVL	4	0
>CDKN2A-T9 FLDTLVVLHR,	9	>CDKN2A-T9 FLDALVVLHR	9	0
>CDKN2A-T9 FLDTLVVL	7	>CDKN2A-T9 FLDALVVL	5	2
>CDKN2A-T9 FLDTLVVLHR,	8	>CDKN2A-T9 FLDALVVLHR	7	1
>CDKN2A-T9 FLDTLVVL	8	>CDKN2A-T9 FLDALVVL	7	1

>CDKN2A-T9 FLDTLVVLR	19	>CDKN2A-T9 FLDALVLR	14	5
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>CDKN2A-T9 FLDTLVVLR	3	>CDKN2A-T9 FLDALVLR	2	1
>CDKN2A-T9 FLDTLVVLR	354	>CDKN2A-T9 FLDALVLR	197	157
>CDKN2A-T9 FLDTLVV	52	>CDKN2A-T9 FLDALVV	38	14
>CDKN2A-T9 FLDTLVVLR	553	>CDKN2A-T9 FLDALVLR	241	312
>CDKN2A-T9 FLDTLVVLR	272	>CDKN2A-T9 FLDALVLR	271	1
>CDKN2A-T9 GFLDTLVV	313	>CDKN2A-T9 GFLDALVV	577	264
>CDKN2A-T9 GFLDTLVV	494	>CDKN2A-T9 GFLDALVV	983	489
>CDKN2A-T9 GFLDTLVV	110	>CDKN2A-T9 GFLDALVV	153	43
>CDKN2A-T9 GFLDTLVV	221	>CDKN2A-T9 GFLDALVV	273	52
>CDKN2A-T9 GFLDTLVV	298	>CDKN2A-T9 GFLDALVV	336	38
>CDKN2A-T9 GFLDTLVV	75	>CDKN2A-T9 GFLDALVV	48	27
>CDKN2A-T9 GFLDTLVVLR	38	>CDKN2A-T9 GFLDALVLR	56	18
>CDKN2A-T9 GFLDTLVVLR	421	>CDKN2A-T9 GFLDALVLR	467	46
>CDKN2A-T9 GFLDTLVVLR	77	>CDKN2A-T9 GFLDALVLR	91	14
>CDKN2A-T9 EGFLDTLV	135	>CDKN2A-T9 EGFLDALV	135	0
>CDKN2A-T9 REGFLDTLV	13	>CDKN2A-T9 REGFLDALV	12	1
>CDKN2A-T9 REGFLDTLV	213	>CDKN2A-T9 REGFLDALV	166	47
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>CDKN2A-T9 REGFLDTLV	99	>CDKN2A-T9 REGFLDALV	61	38
>CDKN2A-T9 REGFLDTLV	208	>CDKN2A-T9 REGFLDALV	929	721
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>CDKN2A-T9 REGFLDTLVV	63	>CDKN2A-T9 REGFLDALVV	91	28
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>CDKN2A-T9 AREGFLDTLV	165	>CDKN2A-T9 AREGFLDALV	424	259
>CDKN2A-T9 AREGFLDTLV	63	>CDKN2A-T9 AREGFLDALV	88	25
>CDKN2A-T9 AAREGFLDTLV	408	>CDKN2A-T9 AAREGFLDALV	363	45
>CDKN2A-T9 AAREGFLDTLV	252	>CDKN2A-T9 AAREGFLDALV	197	55
>CDKN2A-T9 AAREGFLDTLV	1653	>CDKN2A-T9 AAREGFLDALV	60	1593
>CDKN2A-T9 AAREGFLDTLV	342	>CDKN2A-T9 AAREGFLDALV	364	22
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>CDKN2A-T9 TLVVLHRA	1920	>CDKN2A-T9 MLVVLHRA	343	1577
>CDKN2A-T9 TLVVLHRA	433	>CDKN2A-T9 MLVVLHRA	66	367
>CDKN2A-T9 TLVVLHRAGA	1043	>CDKN2A-T9 MLVVLHRAGA	300	743
>CDKN2A-T9 TLVVLHRA	247	>CDKN2A-T9 MLVVLHRA	54	193
>CDKN2A-T9 TLVVLHRAGA	240	>CDKN2A-T9 MLVVLHRAGA	137	103
>CDKN2A-T9 TLVVLHRA	1727	>CDKN2A-T9 MLVVLHRA	379	1348
>CDKN2A-T9 TLVVLHRA	426	>CDKN2A-T9 MLVVLHRA	44	382

>CDKN2A-T9 TLVVLHRAGA	2943	>CDKN2A-T9 MLVVLHRAG	325	2618
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>CDKN2A-T9 TLVVLHRA	59	>CDKN2A-T9 MLVVLHRA	12	47
>CDKN2A-T9 TLVVLHRAGA	465	>CDKN2A-T9 MLVVLHRAG	44	421
>CDKN2A-T9 TLVVLHRAGA	209	>CDKN2A-T9 MLVVLHRAG	50	159
>CDKN2A-T9 TLVVLHRAGA	534	>CDKN2A-T9 MLVVLHRAG	174	360
>CDKN2A-T9 TLVVLHRAGA	185	>CDKN2A-T9 MLVVLHRAG	64	121
>CDKN2A-T9 DTLVVLHRA	8622	>CDKN2A-T9 DMLVVLHRA	62	8560
>CDKN2A-T9 DTLVVLHRAC	13995	>CDKN2A-T9 DMLVVLHRA	448	13547
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>CDKN2A-T9 DTLVVLHRA	7377	>CDKN2A-T9 DMLVVLHRA	70	7307
>CDKN2A-T9 DTLVVLHRAC	10220	>CDKN2A-T9 DMLVVLHRA	468	9752
>CDKN2A-T9 DTLVVLHRA	23163	>CDKN2A-T9 DMLVVLHRA	260	22903
>CDKN2A-T9 DTLVVLHR	277	>CDKN2A-T9 DMLVVLHR	163	114
>CDKN2A-T9 DTLVVLHR	9	>CDKN2A-T9 DMLVVLHR	10	1
>CDKN2A-T9 DTLVVLHR	16	>CDKN2A-T9 DMLVVLHR	142	126
>CDKN2A-T9 DTLVVLHRA	178	>CDKN2A-T9 DMLVVLHRA	6725	6547
>CDKN2A-T9 DTLVVLHRAC	197	>CDKN2A-T9 DMLVVLHRA	6637	6440
>CDKN2A-T9 DTLVVLHRA	46	>CDKN2A-T9 DMLVVLHRA	552	506
>CDKN2A-T9 DTLVVLHRAC	65	>CDKN2A-T9 DMLVVLHRA	558	493
>CDKN2A-T9 DTLVVLHR	1779	>CDKN2A-T9 DMLVVLHR	273	1506
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>CDKN2A-T9 FLDTLVVLHR	550	>CDKN2A-T9 FLDMLVVLHF	393	157
>CDKN2A-T9 FLDTLVVLHR,	12	>CDKN2A-T9 FLDMLVVLHF	17	5
>CDKN2A-T9 FLDTLVVL	9	>CDKN2A-T9 FLDMLVVL	19	10
>CDKN2A-T9 FLDTLVVLHR,	7	>CDKN2A-T9 FLDMLVVLHF	16	9
>CDKN2A-T9 FLDTLVVL	74	>CDKN2A-T9 FLDMLVVL	90	16
>CDKN2A-T9 FLDTLVVLHR,	24	>CDKN2A-T9 FLDMLVVLHF	31	7
>CDKN2A-T9 FLDTLVVL	37	>CDKN2A-T9 FLDMLVVL	65	28
>CDKN2A-T9 FLDTLVVLHR,	68	>CDKN2A-T9 FLDMLVVLHF	146	78
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>CDKN2A-T9 FLDTLVVLHR,	3	>CDKN2A-T9 FLDMLVVLHF	3	0
>CDKN2A-T9 FLDTLVVL	4	>CDKN2A-T9 FLDMLVVL	6	2
>CDKN2A-T9 FLDTLVVLHR,	9	>CDKN2A-T9 FLDMLVVLHF	16	7
>CDKN2A-T9 FLDTLVVL	7	>CDKN2A-T9 FLDMLVVL	6	1
>CDKN2A-T9 FLDTLVVLHR,	8	>CDKN2A-T9 FLDMLVVLHF	8	0
>CDKN2A-T9 FLDTLVVL	8	>CDKN2A-T9 FLDMLVVL	13	5
>CDKN2A-T9 FLDTLVVLHR,	19	>CDKN2A-T9 FLDMLVVLHF	31	12
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>CDKN2A-T9 FLDTLVVLHR,	3	>CDKN2A-T9 FLDMLVVLHF	3	0
>CDKN2A-T9 FLDTLVVLHR	586	>CDKN2A-T9 FLDMLVVLHF	434	152
>CDKN2A-T9 FLDTLVVLHR	626	>CDKN2A-T9 FLDMLVVLHF	241	385
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>CDKN2A-T9 FLDTLVVL	52	>CDKN2A-T9 FLDMLVVL	142	90
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>CDKN2A-T9 FLDTLVVLHR	272	>CDKN2A-T9 FLDMLVVLHF	386	114
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>CDKN2A-T9 GFLDTLVV	494	>CDKN2A-T9 GFLDMLVV	1239	745
>CDKN2A-T9 GFLDTLVV	110	>CDKN2A-T9 GFLDMLVV	254	144
>CDKN2A-T9 GFLDTLVV	221	>CDKN2A-T9 GFLDMLVV	240	19
>CDKN2A-T9 GFLDTLVVL	298	>CDKN2A-T9 GFLDMLVVL	320	22
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>CDKN2A-T9 GFLDTLVVLH	38	>CDKN2A-T9 GFLDMLVVLH	31	7
>CDKN2A-T9 GFLDTLVVLH	421	>CDKN2A-T9 GFLDMLVVLH	332	89
>CDKN2A-T9 GFLDTLVVLH	77	>CDKN2A-T9 GFLDMLVVLH	84	7
>CDKN2A-T9 EGFLDTLV	135	>CDKN2A-T9 EGFLDMLV	73	62
>CDKN2A-T9 REGFLDTL	13	>CDKN2A-T9 REGFLDML	16	3
>CDKN2A-T9 REGFLDTLV	213	>CDKN2A-T9 REGFLDMLV	85	128
>CDKN2A-T9 REGFLDTLVV	14	>CDKN2A-T9 REGFLDMLV	12	2
>CDKN2A-T9 REGFLDTL	99	>CDKN2A-T9 REGFLDML	61	38
>CDKN2A-T9 REGFLDTLV	208	>CDKN2A-T9 REGFLDMLV	265	57
>CDKN2A-T9 REGFLDTLVV	264	>CDKN2A-T9 REGFLDMLV	282	18
>CDKN2A-T9 REGFLDTLVV	63	>CDKN2A-T9 REGFLDMLV	46	17
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>CDKN2A-T9 REGFLDTLVV	89	>CDKN2A-T9 REGFLDMLV	62	27
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>CDKN2A-T9 AREGFLDTL	165	>CDKN2A-T9 AREGFLDML	256	91
>CDKN2A-T9 AREGFLDTL	63	>CDKN2A-T9 AREGFLDML	55	8
>CDKN2A-T9 AAREGFLDTL	408	>CDKN2A-T9 AAREGFLDM	420	12
>CDKN2A-T9 AAREGFLDTL	252	>CDKN2A-T9 AAREGFLDM	205	47
>CDKN2A-T9 AAREGFLDT	1653	>CDKN2A-T9 AAREGFLDM	193	1460
>CDKN2A-T9 AAREGFLDTL	342	>CDKN2A-T9 AAREGFLDM	600	258
>CDKN2A-T9 AAREGFLDTL	203	>CDKN2A-T9 AAREGFLDM	33	170
>CDKN2A-T9 AAREGFLDT	13552	>CDKN2A-T9 AAREGFLDM	341	13211
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>CDKN2A-T9 AAREGFLDTL	53	>CDKN2A-T9 AAREGFLDM	144	91
>CDKN2A-T9 TLVVLHRA	433	>CDKN2A-T9 RLVVLHRA	351	82
>CDKN2A-T9 TLVVLHRA	247	>CDKN2A-T9 RLVVLHRA	137	110
>CDKN2A-T9 TLVVLHRAGA	240	>CDKN2A-T9 RLVVLHRAGA	263	23
>CDKN2A-T9 TLVVLHRA	426	>CDKN2A-T9 RLVVLHRA	95	331
>CDKN2A-T9 TLVVLHRA	59	>CDKN2A-T9 RLVVLHRA	52	7
>CDKN2A-T9 TLVVLHRAGA	465	>CDKN2A-T9 RLVVLHRAGA	355	110
>CDKN2A-T9 TLVVLHRAGA	209	>CDKN2A-T9 RLVVLHRAGA	29	180
>CDKN2A-T9 TLVVLHRAGA	185	>CDKN2A-T9 RLVVLHRAGA	3975	3790
>CDKN2A-T9 TLVVLHRAGA	1170	>CDKN2A-T9 RLVVLHRAGA	206	964
>CDKN2A-T9 DTLVVLHR	277	>CDKN2A-T9 DRLVVLHR	14842	14565

>CDKN2A-T9 DTLVVLHR	9	>CDKN2A-T9 DRLVVLHR	523	514
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>CDKN2A-T9 DTLVVLHRA	178	>CDKN2A-T9 DRLVVLHRA	20273	20095
>CDKN2A-T9 DTLVVLHRAC	197	>CDKN2A-T9 DRLVVLHRAC	19598	19401
>CDKN2A-T9 DTLVVLHRA	46	>CDKN2A-T9 DRLVVLHRA	17664	17618
>CDKN2A-T9 DTLVVLHRAC	65	>CDKN2A-T9 DRLVVLHRAC	17040	16975
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>CDKN2A-T9 FLDTLVVL	12	>CDKN2A-T9 FLDRLVVL	17	5
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>CDKN2A-T9 FLDTLVVL	9	>CDKN2A-T9 FLDRLVVL	12	3
>CDKN2A-T9 FLDTLVVLHR	7	>CDKN2A-T9 FLDRLVVLHR	10	3
>CDKN2A-T9 FLDTLVVL	74	>CDKN2A-T9 FLDRLVVL	94	20
>CDKN2A-T9 FLDTLVVLHR	24	>CDKN2A-T9 FLDRLVVLHR	33	9
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>CDKN2A-T9 FLDTLVVLHR	68	>CDKN2A-T9 FLDRLVVLHR	90	22
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>CDKN2A-T9 FLDTLVVL	4	>CDKN2A-T9 FLDRLVVL	4	0
>CDKN2A-T9 FLDTLVVLHR	9	>CDKN2A-T9 FLDRLVVLHR	10	1
>CDKN2A-T9 FLDTLVVL	7	>CDKN2A-T9 FLDRLVVL	7	0
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>CDKN2A-T9 FLDTLVVL	8	>CDKN2A-T9 FLDRLVVL	13	5
>CDKN2A-T9 FLDTLVVLHR	19	>CDKN2A-T9 FLDRLVVLHR	27	8
>CDKN2A-T9 FLDTLVVL	3	>CDKN2A-T9 FLDRLVVL	3	0
>CDKN2A-T9 FLDTLVVLHR	3	>CDKN2A-T9 FLDRLVVLHR	3	0
>CDKN2A-T9 FLDTLVVLHR	626	>CDKN2A-T9 FLDRLVVLHR	458	168
>CDKN2A-T9 FLDTLVVLHR	354	>CDKN2A-T9 FLDRLVVLHR	1308	954
>CDKN2A-T9 FLDTLVVL	52	>CDKN2A-T9 FLDRLVVL	225	173
>CDKN2A-T9 FLDTLVVLHR	553	>CDKN2A-T9 FLDRLVVLHR	349	204
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>CDKN2A-T9 GFLDTLVV	110	>CDKN2A-T9 GFLDRLVV	770	660
>CDKN2A-T9 GFLDTLVV	221	>CDKN2A-T9 GFLDRLVV	317	96
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>CDKN2A-T9 GFLDTLVVL	75	>CDKN2A-T9 GFLDRLVVL	144	69
>CDKN2A-T9 GFLDTLVVLH	38	>CDKN2A-T9 GFLDRLVVLH	24	14
>CDKN2A-T9 GFLDTLVVLH	421	>CDKN2A-T9 GFLDRLVVLH	154	267
>CDKN2A-T9 GFLDTLVVLH	77	>CDKN2A-T9 GFLDRLVVLH	77	0
>CDKN2A-T9 EGFLDTLV	135	>CDKN2A-T9 EGFLDRLV	580	445
>CDKN2A-T9 REGFLDTL	13	>CDKN2A-T9 REGFLDRL	44	31
>CDKN2A-T9 REGFLDTLV	213	>CDKN2A-T9 REGFLDRLV	463	250
>CDKN2A-T9 REGFLDTLVV	14	>CDKN2A-T9 REGFLDRLVV	28	14

>CDKN2A-T9 REGFLDTL	99	>CDKN2A-T9 REGFLDRL	205	106
>CDKN2A-T9 REGFLDTLV	208	>CDKN2A-T9 REGFLDRLV	427	219
>CDKN2A-T9 REGFLDTLVV	264	>CDKN2A-T9 REGFLDRLVV	296	32
>CDKN2A-T9 REGFLDTLVV	63	>CDKN2A-T9 REGFLDRLVV	94	31
>CDKN2A-T9 REGFLDTLV	35	>CDKN2A-T9 REGFLDRLV	143	108
>CDKN2A-T9 REGFLDTLVV	89	>CDKN2A-T9 REGFLDRLVV	174	85
>CDKN2A-T9 REGFLDTLVV	68	>CDKN2A-T9 REGFLDRLVV	91	23
>CDKN2A-T9 AREGFLDTL	165	>CDKN2A-T9 AREGFLDRL	339	174
>CDKN2A-T9 AREGFLDTL	63	>CDKN2A-T9 AREGFLDRL	103	40
>CDKN2A-T9 AAREGFLDTL	408	>CDKN2A-T9 AAREGFLDRL	1242	834
>CDKN2A-T9 AAREGFLDTL	252	>CDKN2A-T9 AAREGFLDRL	1080	828
>CDKN2A-T9 AAREGFLDT	1653	>CDKN2A-T9 AAREGFLDR	333	1320
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>CDKN2A-T9 AAREGFLDTL	203	>CDKN2A-T9 AAREGFLDRL	96	107
>CDKN2A-T9 AAREGFLDTL	53	>CDKN2A-T9 AAREGFLDRL	78	25
>CDKN2A-T9 AAREGFLDT	8163	>CDKN2A-T9 AAREGFLDR	189	7974
>CDKN2A-T9 DAAREGFLDT	37859	>CDKN2A-T9 DAAREGFLDF	354	37505
>CDKN2A-V1 VRDAWGRLP	1516	>CDKN2A-V1 MRDAWGRLI	350	1166
>CDKN2A-V1 VRDAWGRL	1239	>CDKN2A-V1 MRDAWGRL	124	1115
>CDKN2A-V1 VRDAWGRLP	489	>CDKN2A-V1 MRDAWGRLI	52	437
>CDKN2A-V1 DVRDAWGRI	10702	>CDKN2A-V1 DMRDAWGR	409	10293
>CDKN2A-V1 DVRDAWGRI	1480	>CDKN2A-V1 DMRDAWGR	21	1459
>CDKN2A-V1 DVRDAWGRI	456	>CDKN2A-V1 DMRDAWGR	9489	9033
>CDKN2A-V1 DVRDAWGRI	277	>CDKN2A-V1 DMRDAWGR	1110	833
>CDKN2A-V1 DVRDAWGR	17	>CDKN2A-V1 DMRDAWGR	13	4
>CDKN2A-V1 DVRDAWGR	62	>CDKN2A-V1 DMRDAWGR	444	382
>CDKN2A-V1 DVRDAWGRI	208	>CDKN2A-V1 DMRDAWGR	5535	5327
>CDKN2A-V1 DVRDAWGRI	198	>CDKN2A-V1 DMRDAWGR	681	483
>CDKN2A-V1 DVRDAWGR	1440	>CDKN2A-V1 DMRDAWGR	371	1069
>CDKN2A-V1 VLHRAGARLI	1337	>CDKN2A-V1 VLHRAGARLI	222	1115
>CDKN2A-V1 VLHRAGARLI	77	>CDKN2A-V1 VLHRAGARLI	4357	4280
>CDKN2A-V1 VLHRAGARLI	36	>CDKN2A-V1 VLHRAGARLI	2825	2789
>CDKN2A-V1 VLHRAGARLI	346	>CDKN2A-V1 VLHRAGARLI	10035	9689
>CDKN2A-V1 VLHRAGARLI	33	>CDKN2A-V1 VLHRAGARLI	6724	6691
>CDKN2A-V1 VLHRAGARLI	3	>CDKN2A-V1 VLHRAGARLI	173	170
>CDKN2A-V1 LDVRDAWGF	477	>CDKN2A-V1 LDMRDAWGF	445	32
>CDKN2A-V1 RLDVRDAWGF	122	>CDKN2A-V1 RLDMRDAWGF	56	66
>CDKN2A-V1 RLDVRDAWGF	227	>CDKN2A-V1 RLDMRDAWGF	176	51
>CDKN2A-V1 RLDVRDAWGF	91	>CDKN2A-V1 RLDMRDAWGF	59	32
>CDKN2A-V1 RLDVRDAWGF	120	>CDKN2A-V1 RLDMRDAWGF	60	60
>CDKN2A-V1 RLDVRDAW	274	>CDKN2A-V1 RLDMRDAW	632	358
>CDKN2A-V1 RLDVRDAWGF	92	>CDKN2A-V1 RLDMRDAWGF	85	7
>CDKN2A-V1 RLDVRDAWGF	293	>CDKN2A-V1 RLDMRDAWGF	170	123

>CDKN2A-V1 ARLDVRDAW	89	>CDKN2A-V1 ARLDMRDAV	87	2
>CDKN2A-V1 ARLDVRDAW	117	>CDKN2A-V1 ARLDMRDAV	135	18
>CDKN2A-V1 GARLDVRDA'	604	>CDKN2A-V1 GARLDMRDA	300	304
>CDKN2A-V1 GARLDVRDA'	457	>CDKN2A-V1 GARLDMRDA	661	204
>CDKN2A-V1 AGARLDVRD,	289	>CDKN2A-V1 AGARLDMRC	285	4
>CDKN2A-V1 RAGARLDVR	90	>CDKN2A-V1 RAGARLDMR	82	8
>CDKN2A-V1 RAGARLDV	7721	>CDKN2A-V1 RAGARLDM	388	7333
>CDKN2A-V1 HRAGARLDV	197	>CDKN2A-V1 HRAGARLDM	49	148
>CDKN2A-V1 HRAGARLDV	101	>CDKN2A-V1 HRAGARLDM	97	4
>CDKN2A-V1 HRAGARLDV	813	>CDKN2A-V1 HRAGARLDM	188	625
>CDKN2A-V1 PVDLAEEL	21139	>CDKN2A-V1 PEDLAEEL	425	20714
>CDKN2A-V1 DVRDAWGRI	277	>CDKN2A-V1 DVRDAWGRI	5271	4994
>CDKN2A-V1 DVRDAWGRI	208	>CDKN2A-V1 DVRDAWGRI	25426	25218
>CDKN2A-V1 DVRDAWGRI	198	>CDKN2A-V1 DVRDAWGRI	19126	18928
>CDKN2A-V1 LPVDLAEEL	414	>CDKN2A-V1 LPEDLAEEL	864	450
>CDKN2A-V1 LPVDLAEEL	42	>CDKN2A-V1 LPEDLAEEL	134	92
>CDKN2A-V1 LPVDLAEELG	86	>CDKN2A-V1 LPEDLAEELGI	212	126
>CDKN2A-V1 LPVDLAEEL	407	>CDKN2A-V1 LPEDLAEEL	1921	1514
>CDKN2A-V1 LPVDLAEEL	52	>CDKN2A-V1 LPEDLAEEL	109	57
>CDKN2A-V1 LPVDLAEEL	86	>CDKN2A-V1 LPEDLAEEL	77	9
>CDKN2A-V1 RLPVDLAEEL	99	>CDKN2A-V1 RLPEDLAEEL	40	59
>CDKN2A-V1 RLPVDLAEEL	38	>CDKN2A-V1 RLPEDLAEEL	5	33
>CDKN2A-V1 RLPVDLAEEL	165	>CDKN2A-V1 RLPEDLAEEL	23	142
>CDKN2A-V1 RLPVDLAEEL	125	>CDKN2A-V1 RLPEDLAEEL	19	106
>CDKN2A-V1 RLPVDLAEEL	391	>CDKN2A-V1 RLPEDLAEEL	60	331
>CDKN2A-V1 RLPVDLAEEL	15	>CDKN2A-V1 RLPEDLAEEL	5	10
>CDKN2A-V1 RLPVDLAEEL	1004	>CDKN2A-V1 RLPEDLAEEL	484	520
>CDKN2A-V1 RLPVDLAEEL	693	>CDKN2A-V1 RLPEDLAEEL	468	225
>CDKN2A-V1 GRLPVDLAE	202	>CDKN2A-V1 GRLPEDLAE	427	225
>CDKN2A-V1 GRLPVDLAE	194	>CDKN2A-V1 GRLPEDLAE	658	464
>CDKN2A-V1 GRLPVDLAE	29	>CDKN2A-V1 GRLPEDLAE	92	63
>CDKN2A-V1 AWGRLPVDL	474	>CDKN2A-V1 AWGRLPEDL	813	339
>CDKN2A-V1 AWGRLPVDL	403	>CDKN2A-V1 AWGRLPEDL	443	40
>CDKN2A-V1 AWGRLPVDL	156	>CDKN2A-V1 AWGRLPEDL	253	97
>CDKN2A-V1 DAWGRLPV	260	>CDKN2A-V1 DAWGRLPE	24834	24574
>CDKN2A-V1 DAWGRLPV	24	>CDKN2A-V1 DAWGRLPE	15762	15738
>CDKN2A-V1 VRDAWGRLP	489	>CDKN2A-V1 VRDAWGRLP	14426	13937
>CDKN2A-V1 PVDLAEEL	17203	>CDKN2A-V1 PLDLAEEL	365	16838
>CDKN2A-V1 DVRDAWGRI	277	>CDKN2A-V1 DVRDAWGRI	419	142
>CDKN2A-V1 DVRDAWGRI	208	>CDKN2A-V1 DVRDAWGRI	2608	2400
>CDKN2A-V1 DVRDAWGRI	198	>CDKN2A-V1 DVRDAWGRI	1893	1695
>CDKN2A-V1 DVRDAWGRI	1968	>CDKN2A-V1 DVRDAWGRI	281	1687
>CDKN2A-V1 LPVDLAEEL	414	>CDKN2A-V1 LPLDLAEEL	732	318



>CDKN2A-V1 LPVDLAEEL	42	>CDKN2A-V1 LPLDLAEEL	72	30
>CDKN2A-V1 LPVDLAEELG	86	>CDKN2A-V1 LPLDLAEELG	128	42
>CDKN2A-V1 LPVDLAEEL	407	>CDKN2A-V1 LPLDLAEEL	282	125
>CDKN2A-V1 LPVDLAEEL	52	>CDKN2A-V1 LPLDLAEEL	74	22
>CDKN2A-V1 LPVDLAEEL	86	>CDKN2A-V1 LPLDLAEEL	51	35
>CDKN2A-V1 RLPVDLAEEL	99	>CDKN2A-V1 RLPLDLAEEL	77	22
>CDKN2A-V1 RLPVDLAEEL	38	>CDKN2A-V1 RLPLDLAEEL	49	11
>CDKN2A-V1 RLPVDLAEEL	165	>CDKN2A-V1 RLPLDLAEEL	196	31
>CDKN2A-V1 RLPVDLAEEL	125	>CDKN2A-V1 RLPLDLAEEL	173	48
>CDKN2A-V1 RLPVDLAEEL	391	>CDKN2A-V1 RLPLDLAEEL	390	1
>CDKN2A-V1 RLPVDLAEEL	15	>CDKN2A-V1 RLPLDLAEEL	19	4
>CDKN2A-V1 GRLPVDLAEEL	202	>CDKN2A-V1 GRLPLDLAEEL	131	71
>CDKN2A-V1 GRLPVDLAEEL	194	>CDKN2A-V1 GRLPLDLAEEL	173	21
>CDKN2A-V1 GRLPVDLAEEL	29	>CDKN2A-V1 GRLPLDLAEEL	22	7
>CDKN2A-V1 AWGRLPVDL	474	>CDKN2A-V1 AWGRLPLDL	630	156
>CDKN2A-V1 AWGRLPVDL	403	>CDKN2A-V1 AWGRLPLDL	474	71
>CDKN2A-V1 AWGRLPVDL	156	>CDKN2A-V1 AWGRLPLDL	123	33
>CDKN2A-V1 DAWGRLPV	260	>CDKN2A-V1 DAWGRLPL	2648	2388
>CDKN2A-V1 DAWGRLPV	24	>CDKN2A-V1 DAWGRLPL	222	198
>CDKN2A-V1 RDAWGRLPV	1704	>CDKN2A-V1 RDAWGRLPL	169	1535
>CDKN2A-V1 RDAWGRLPV	2125	>CDKN2A-V1 RDAWGRLPL	337	1788
>CDKN2A-V1 VRDAWGRLP	1516	>CDKN2A-V1 VRDAWGRLP	127	1389
>CDKN2A-V1 VRDAWGRLP	489	>CDKN2A-V1 VRDAWGRLP	45	444
>CDKN2A-V1 VRDAWGRLP	3130	>CDKN2A-V1 VRDAWGRLP	381	2749
>CDKN2A-V1 VRDAWGRLP	1175	>CDKN2A-V1 VRDAWGRLP	194	981
>CDKN2A-V1 VARYLRAA	137	>CDKN2A-V1 FARYLRAA	1296	1159
>CDKN2A-V1 VARYLRAAA	38	>CDKN2A-V1 FARYLRAAA	334	296
>CDKN2A-V1 VARYLRAA	1040	>CDKN2A-V1 FARYLRAA	460	580
>CDKN2A-V1 VARYLRAAA	284	>CDKN2A-V1 FARYLRAAA	114	170
>CDKN2A-V1 VARYLRAA	2773	>CDKN2A-V1 FARYLRAA	282	2491
>CDKN2A-V1 VARYLRAAA	943	>CDKN2A-V1 FARYLRAAA	91	852
>CDKN2A-V1 VARYLRAA	4599	>CDKN2A-V1 FARYLRAA	36	4563
>CDKN2A-V1 VARYLRAAA	2418	>CDKN2A-V1 FARYLRAAA	22	2396
>CDKN2A-V1 DVARYLRAA/	376	>CDKN2A-V1 DFARYLRAAA	15074	14698
>CDKN2A-V1 DLAEELGHRC	265	>CDKN2A-V1 DLAEELGHRC	20315	20050
>CDKN2A-V1 DLAEELGHRC	185	>CDKN2A-V1 DLAEELGHRC	20336	20151
>CDKN2A-V1 DLAEELGHRC	418	>CDKN2A-V1 DLAEELGHRC	19213	18795
>CDKN2A-V1 DLAEELGHRC	27	>CDKN2A-V1 DLAEELGHRC	22762	22735
>CDKN2A-V1 RDVARYLR	243	>CDKN2A-V1 RDFARYLR	42	201
>CDKN2A-V1 RDVARYLRA	2821	>CDKN2A-V1 RDFARYLRA	323	2498
>CDKN2A-V1 RDVARYLRA/	1219	>CDKN2A-V1 RDFARYLRAA	147	1072
>CDKN2A-V1 RDVARYLR	79	>CDKN2A-V1 RDFARYLR	39	40
>CDKN2A-V1 HRDVARYLR	203	>CDKN2A-V1 HRDFARYLR	456	253

>CDKN2A-V1 HRDVARYLRA	122	>CDKN2A-V1 HRDFARYLRA	119	3
>CDKN2A-V1 HRDVARYL	175	>CDKN2A-V1 HRDFARYL	358	183
>CDKN2A-V1 HRDVARYLR	370	>CDKN2A-V1 HRDFARYLR	174	196
>CDKN2A-V1 GHRDVARYLFA	282	>CDKN2A-V1 GHRDFARYLFA	115	167
>CDKN2A-V1 LGHRDVARY	415	>CDKN2A-V1 LGHRDFARY	202	213
>CDKN2A-V1 LGHRDVAR	1027	>CDKN2A-V1 LGHRDFAR	172	855
>CDKN2A-V1 LGHRDVARYL	152	>CDKN2A-V1 LGHRDFARYL	71	81
>CDKN2A-V1 LGHRDVARY	409	>CDKN2A-V1 LGHRDFARY	332	77
>CDKN2A-V1 LGHRDVARYL	881	>CDKN2A-V1 LGHRDFARYL	428	453
>CDKN2A-V1 ELGHRDVAR)	382	>CDKN2A-V1 ELGHRDFARY	277	105
>CDKN2A-V1 ELGHRDVAR)	477	>CDKN2A-V1 ELGHRDFARY	312	165
>CDKN2A-V1 ELGHRDVAR)	274	>CDKN2A-V1 ELGHRDFARY	482	208
>CDKN2A-V1 ELGHRDVAR)	413	>CDKN2A-V1 ELGHRDFARY	345	68
>CDKN2A-V1 ELGHRDVAR	85	>CDKN2A-V1 ELGHRDFAR	38	47
>CDKN2A-V1 ELGHRDVAR	153	>CDKN2A-V1 ELGHRDFAR	71	82
>CDKN2A-V1 ELGHRDVAR)	1728	>CDKN2A-V1 ELGHRDFARY	490	1238
>CDKN2A-V1 ELGHRDVAR	188	>CDKN2A-V1 ELGHRDFAR	190	2
>CDKN2A-V1 EELGHRDV	193	>CDKN2A-V1 EELGHRDF	832	639
>CDKN2A-V1 EELGHRDVAFA	86	>CDKN2A-V1 EELGHRDFAFA	106	20
>CDKN2A-V1 EELGHRDV	4009	>CDKN2A-V1 EELGHRDF	94	3915
>CDKN2A-V1 EELGHRDVAFA	177	>CDKN2A-V1 EELGHRDFAFA	165	12
>CDKN2A-V1 EELGHRDV	1043	>CDKN2A-V1 EELGHRDF	65	978
>CDKN2A-V1 EELGHRDVAFA	121	>CDKN2A-V1 EELGHRDFAFA	76	45
>CDKN2A-V1 EELGHRDV	54	>CDKN2A-V1 EELGHRDF	1016	962
>CDKN2A-V1 EELGHRDVA	10	>CDKN2A-V1 EELGHRDFA	13	3
>CDKN2A-V1 EELGHRDVAFA	940	>CDKN2A-V1 EELGHRDFAFA	487	453
>CDKN2A-V1 EELGHRDVAFA	471	>CDKN2A-V1 EELGHRDFAFA	418	53
>CDKN2A-V1 AEELGHRDV	408	>CDKN2A-V1 AEELGHRDF	532	124
>CDKN2A-V1 AEELGHRDV	29	>CDKN2A-V1 AEELGHRDF	414	385
>CDKN2A-V1 AEELGHRDVFA	39	>CDKN2A-V1 AEELGHRDFAFA	34	5
>CDKN2A-V1 AEELGHRDVFA	846	>CDKN2A-V1 AEELGHRDFAFA	456	390
>CDKN2A-V1 AEELGHRDV	336	>CDKN2A-V1 AEELGHRDF	1637	1301
>CDKN2A-V1 LAEELGHRDV	16517	>CDKN2A-V1 LAEELGHRDF	162	16355
>CDKN2A-V1 VARYLRAA	137	>CDKN2A-V1 IARYLRAA	48	89
>CDKN2A-V1 VARYLRAAA	38	>CDKN2A-V1 IARYLRAAA	16	22
>CDKN2A-V1 VARYLRAAAAC	843	>CDKN2A-V1 IARYLRAAAAG	315	528
>CDKN2A-V1 VARYLRAAA	284	>CDKN2A-V1 IARYLRAAA	168	116
>CDKN2A-V1 VARYLRAAA	2418	>CDKN2A-V1 IARYLRAAA	374	2044
>CDKN2A-V1 DVARYLRAAFA	376	>CDKN2A-V1 DIARYLRAAA	680	304
>CDKN2A-V1 DLAEELGHRC	265	>CDKN2A-V1 DLAEELGHRC	2780	2515
>CDKN2A-V1 DLAEELGHRC	185	>CDKN2A-V1 DLAEELGHRC	3345	3160
>CDKN2A-V1 DLAEELGHRC	418	>CDKN2A-V1 DLAEELGHRC	5395	4977
>CDKN2A-V1 DLAEELGHRC	27	>CDKN2A-V1 DLAEELGHRC	2890	2863

>CDKN2A-V1 RDVARYLR	243	>CDKN2A-V1 RDIARYLR	140	103
>CDKN2A-V1 RDVARYLR	79	>CDKN2A-V1 RDIARYLR	90	11
>CDKN2A-V1 HRDVARYLR	203	>CDKN2A-V1 HRDIARYLR	295	92
>CDKN2A-V1 HRDVARYLR/	122	>CDKN2A-V1 HRDIARYLRA	98	24
>CDKN2A-V1 HRDVARYL	175	>CDKN2A-V1 HRDIARYL	346	171
>CDKN2A-V1 HRDVARYLR	370	>CDKN2A-V1 HRDIARYLR	166	204
>CDKN2A-V1 GHRDVARYLR	282	>CDKN2A-V1 GHRDIARYLR	194	88
>CDKN2A-V1 LGHRDVARY	415	>CDKN2A-V1 LGHRDIARY	256	159
>CDKN2A-V1 LGHRDVARYL	152	>CDKN2A-V1 LGHRDIARYL	111	41
>CDKN2A-V1 LGHRDVARY	409	>CDKN2A-V1 LGHRDIARY	611	202
>CDKN2A-V1 ELGHRDVARY	382	>CDKN2A-V1 ELGHRDIARY	491	109
>CDKN2A-V1 ELGHRDVARY	477	>CDKN2A-V1 ELGHRDIARY	466	11
>CDKN2A-V1 ELGHRDVARY	274	>CDKN2A-V1 ELGHRDIARY	267	7
>CDKN2A-V1 ELGHRDVARY	413	>CDKN2A-V1 ELGHRDIARY	355	58
>CDKN2A-V1 ELGHRDVAR	85	>CDKN2A-V1 ELGHRDIAR	100	15
>CDKN2A-V1 ELGHRDVAR	153	>CDKN2A-V1 ELGHRDIAR	192	39
>CDKN2A-V1 ELGHRDVAR	188	>CDKN2A-V1 ELGHRDIAR	223	35
>CDKN2A-V1 EELGHRDV	193	>CDKN2A-V1 EELGHRDI	59	134
>CDKN2A-V1 EELGHRDVAF	86	>CDKN2A-V1 EELGHRDIAR	98	12
>CDKN2A-V1 EELGHRDVAF	177	>CDKN2A-V1 EELGHRDIAR	185	8
>CDKN2A-V1 EELGHRDVAF	121	>CDKN2A-V1 EELGHRDIAR	98	23
>CDKN2A-V1 EELGHRDV	54	>CDKN2A-V1 EELGHRDI	226	172
>CDKN2A-V1 EELGHRDVA	10	>CDKN2A-V1 EELGHRDIA	16	6
>CDKN2A-V1 EELGHRDV	4568	>CDKN2A-V1 EELGHRDI	477	4091
>CDKN2A-V1 EELGHRDVAF	471	>CDKN2A-V1 EELGHRDIAR	521	50
>CDKN2A-V1 AEELGHRDV	2114	>CDKN2A-V1 AEELGHRDI	235	1879
>CDKN2A-V1 AEELGHRDV	408	>CDKN2A-V1 AEELGHRDI	161	247
>CDKN2A-V1 AEELGHRDV	29	>CDKN2A-V1 AEELGHRDI	96	67
>CDKN2A-V1 AEELGHRDV/	39	>CDKN2A-V1 AEELGHRDIA	48	9
>CDKN2A-V1 AEELGHRDV	336	>CDKN2A-V1 AEELGHRDI	142	194
>CDKN2A-V2 VRALLEAGAL	145	>CDKN2A-V2 GRALLEAGAL	39	106
>CDKN2A-V2 VRALLEAGAL	289	>CDKN2A-V2 GRALLEAGAL	365	76
>CDKN2A-V2 EVRALLEAGA	51	>CDKN2A-V2 EGRALLEAGA	19426	19375
>CDKN2A-V2 EVRALLEAGA	293	>CDKN2A-V2 EGRALLEAGA	6250	5957
>CDKN2A-V2 EVRALLEAGA	497	>CDKN2A-V2 EGRALLEAGA	21375	20878
>CDKN2A-V2 TAAARGRVEE	34	>CDKN2A-V2 TAAARGRVEE	7813	7779
>CDKN2A-V2 EEVRALLE	108	>CDKN2A-V2 EEGRALLE	663	555
>CDKN2A-V2 EEVRALLEA	326	>CDKN2A-V2 EEGRALLEA	696	370
>CDKN2A-V2 EEVRALLEA	454	>CDKN2A-V2 EEGRALLEA	1145	691
>CDKN2A-V2 EEVRALLEA	14	>CDKN2A-V2 EEGRALLEA	13	1
>CDKN2A-V2 EEVRALLEAG	18	>CDKN2A-V2 EEGRALLEAG	19	1
>CDKN2A-V2 VEEVRALL	176	>CDKN2A-V2 VEEGRALL	544	368
>CDKN2A-V2 VEEVRALL	143	>CDKN2A-V2 VEEGRALL	38	105

>CDKN2A-V2 VEEVRALLEA	173	>CDKN2A-V2 VEEGRALLEA	310	137
>CDKN2A-V2 RVEEVRALLE	542	>CDKN2A-V2 RVEEGRALLE	474	68
>CDKN2A-V2 RVEEVRAL	281	>CDKN2A-V2 RVEEGRAL	1329	1048
>CDKN2A-V2 RVEEVRAL	165	>CDKN2A-V2 RVEEGRAL	41	124
>CDKN2A-V2 RVEEVRALL	1681	>CDKN2A-V2 RVEEGRALL	418	1263
>CDKN2A-V2 GRVEEVRAL	383	>CDKN2A-V2 GRVEEGRAL	609	226
>CDKN2A-V2 GRVEEVRALL	45	>CDKN2A-V2 GRVEEGRALL	58	13
>CDKN2A-V2 GRVEEVRAL	189	>CDKN2A-V2 GRVEEGRAL	519	330
>CDKN2A-V2 GRVEEVRALL	338	>CDKN2A-V2 GRVEEGRALL	475	137
>CDKN2A-V2 GRVEEVRALL	430	>CDKN2A-V2 GRVEEGRALL	539	109
>CDKN2A-V2 GRVEEVRAL	92	>CDKN2A-V2 GRVEEGRAL	288	196
>CDKN2A-V2 GRVEEVRALL	186	>CDKN2A-V2 GRVEEGRALL	263	77
>CDKN2A-V2 RGRVEEVRA	447	>CDKN2A-V2 RGRVEEGRA	872	425
>CDKN2A-V2 RGRVEEVRAL	436	>CDKN2A-V2 RGRVEEGRAI	651	215
>CDKN2A-V2 RGRVEEVRAL	98	>CDKN2A-V2 RGRVEEGRAI	116	18
>CDKN2A-V2 ARGRVEEVR/	260	>CDKN2A-V2 ARGRVEEGR/	396	136
>CDKN2A-V2 AARGRVEEV	50	>CDKN2A-V2 AARGRVEEG	33980	33930
>CDKN2A-V2 AARGRVEEVI	269	>CDKN2A-V2 AARGRVEEGI	402	133
>CDKN2A-V2 AARGRVEEVI	265	>CDKN2A-V2 AARGRVEEGI	123	142
>CDKN2A-V2 AAARGRVEE\	33	>CDKN2A-V2 AAARGRVEEK	32899	32866
>CDKN2A-V2 AAARGRVEE\	434	>CDKN2A-V2 AAARGRVEEK	607	173
>CDKN2A-V2 AAARGRVEE\	127	>CDKN2A-V2 AAARGRVEEK	106	21
>CDKN2A-V2 VRALLEAGAL	145	>CDKN2A-V2 MRALLEAGAI	42	103
>CDKN2A-V2 VRALLEAGAL	515	>CDKN2A-V2 MRALLEAGAI	45	470
>CDKN2A-V2 VRALLEAGAL	289	>CDKN2A-V2 MRALLEAGAI	238	51
>CDKN2A-V2 EVRALLEAGA	51	>CDKN2A-V2 EMRALLEAG/	1704	1653
>CDKN2A-V2 EVRALLEAGA	293	>CDKN2A-V2 EMRALLEAG/	2698	2405
>CDKN2A-V2 EVRALLEAGA	497	>CDKN2A-V2 EMRALLEAG/	1234	737
>CDKN2A-V2 TAAARGRVEI	34	>CDKN2A-V2 TAAARGRVEI	1242	1208
>CDKN2A-V2 EEVRALLE	108	>CDKN2A-V2 EEMRALLE	99	9
>CDKN2A-V2 EEVRALLEA	326	>CDKN2A-V2 EEMRALLEA	108	218
>CDKN2A-V2 EEVRALLEA	454	>CDKN2A-V2 EEMRALLEA	288	166
>CDKN2A-V2 EEVRALLEA	14	>CDKN2A-V2 EEMRALLEA	7	7
>CDKN2A-V2 EEVRALLEAG	18	>CDKN2A-V2 EEMRALLEAC	8	10
>CDKN2A-V2 VEEVRALL	176	>CDKN2A-V2 VEEMRALL	78	98
>CDKN2A-V2 VEEVRALL	143	>CDKN2A-V2 VEEMRALL	100	43
>CDKN2A-V2 VEEVRALLEA	173	>CDKN2A-V2 VEEMRALLEA	195	22
>CDKN2A-V2 RVEEVRALLE	542	>CDKN2A-V2 RVEEMRALLE	419	123
>CDKN2A-V2 RVEEVRAL	281	>CDKN2A-V2 RVEEMRAL	471	190
>CDKN2A-V2 RVEEVRAL	165	>CDKN2A-V2 RVEEMRAL	97	68
>CDKN2A-V2 RVEEVRALL	800	>CDKN2A-V2 RVEEMRALL	362	438
>CDKN2A-V2 GRVEEVRAL	383	>CDKN2A-V2 GRVEEMRAL	592	209
>CDKN2A-V2 GRVEEVRALL	45	>CDKN2A-V2 GRVEEMRALI	59	14

>CDKN2A-V2 GRVEEVRAL	189	>CDKN2A-V2 GRVEEMRAL	290	101
>CDKN2A-V2 GRVEEVRALL	338	>CDKN2A-V2 GRVEEMRALI	468	130
>CDKN2A-V2 GRVEEVRALL	430	>CDKN2A-V2 GRVEEMRALI	580	150
>CDKN2A-V2 GRVEEVRAL	92	>CDKN2A-V2 GRVEEMRAL	193	101
>CDKN2A-V2 GRVEEVRALL	186	>CDKN2A-V2 GRVEEMRALI	184	2
>CDKN2A-V2 RGRVEEVRA	447	>CDKN2A-V2 RGRVEEMRA	114	333
>CDKN2A-V2 RGRVEEVRAL	436	>CDKN2A-V2 RGRVEEMRA	267	169
>CDKN2A-V2 RGRVEEVRAL	98	>CDKN2A-V2 RGRVEEMRA	59	39
>CDKN2A-V2 ARGRVEEVR/	260	>CDKN2A-V2 ARGRVEEMR	340	80
>CDKN2A-V2 AARGRVEEV	50	>CDKN2A-V2 AARGRVEEM	18645	18595
>CDKN2A-V2 AARGRVEEVF	269	>CDKN2A-V2 AARGRVEEM	115	154
>CDKN2A-V2 AARGRVEEVF	265	>CDKN2A-V2 AARGRVEEM	105	160
>CDKN2A-V2 AARGRVEEV	3243	>CDKN2A-V2 AARGRVEEM	396	2847
>CDKN2A-V2 AARGRVEEV	1803	>CDKN2A-V2 AARGRVEEM	24	1779
>CDKN2A-V2 AAARGRVEE\	33	>CDKN2A-V2 AAARGRVEEI	13872	13839
>CDKN2A-V2 AAARGRVEE\	434	>CDKN2A-V2 AAARGRVEEI	419	15
>CDKN2A-V2 AAARGRVEE\	127	>CDKN2A-V2 AAARGRVEEI	58	69
>CDKN2A-V5 VM MMGSAR	182	>CDKN2A-V5 AM MMGSAR	677	495
>CDKN2A-V5 VM MMGSAR	11	>CDKN2A-V5 AM MMGSAR	10	1
>CDKN2A-V5 VM MMGSAR	9	>CDKN2A-V5 AM MMGSAR	6	3
>CDKN2A-V5 VM MMGSAR	425	>CDKN2A-V5 AM MMGSAR	190	235
>CDKN2A-V5 VM MMGSAR	3	>CDKN2A-V5 AM MMGSAR	3	0
>CDKN2A-V5 VM MMGSAR	226	>CDKN2A-V5 AM MMGSAR	115	111
>CDKN2A-V5 VM MMGSAR	19	>CDKN2A-V5 AM MMGSAR	14	5
>CDKN2A-V5 VM MMGSAR	2	>CDKN2A-V5 AM MMGSAR	2	0
>CDKN2A-V5 VM MMGSAR	55	>CDKN2A-V5 AM MMGSAR	75	20
>CDKN2A-V5 VM MMGSAR	3	>CDKN2A-V5 AM MMGSAR	4	1
>CDKN2A-V5 VM MMGSAR	239	>CDKN2A-V5 AM MMGSAR	271	32
>CDKN2A-V5 VM MMGSAR	7	>CDKN2A-V5 AM MMGSAR	7	0
>CDKN2A-V5 VM MMGSAR	2	>CDKN2A-V5 AM MMGSAR	2	0
>CDKN2A-V5 VM MMGSAR	95	>CDKN2A-V5 AM MMGSAR	266	171
>CDKN2A-V5 VM MMGSAR	2	>CDKN2A-V5 AM MMGSAR	2	0
>CDKN2A-V5 VM MMGSAR	54	>CDKN2A-V5 AM MMGSAR	45	9
>CDKN2A-V5 VM MMGSAR	212	>CDKN2A-V5 AM MMGSAR	202	10
>CDKN2A-V5 VM MMGSAR	168	>CDKN2A-V5 AM MMGSAR	69	99
>CDKN2A-V5 VM MMGSAR	20	>CDKN2A-V5 AM MMGSAR	18	2
>CDKN2A-V5 VM MMGSAR	120	>CDKN2A-V5 AM MMGSAR	488	368
>CDKN2A-V5 VM MMGSAR	462	>CDKN2A-V5 AM MMGSAR	798	336
>CDKN2A-V5 VM MMGSAR	175	>CDKN2A-V5 AM MMGSAR	127	48
>CDKN2A-V5 VM MMGSAR	183	>CDKN2A-V5 AM MMGSAR	132	51
>CDKN2A-V5 VM MMGSAR	146	>CDKN2A-V5 AM MMGSAR	109	37
>CDKN2A-V5 VM MMGSAR	420	>CDKN2A-V5 AM MMGSAR	255	165
>CDKN2A-V5 VM MMGSAR	721	>CDKN2A-V5 AM MMGSAR	418	303

>CDKN2A-V5 QVMMMGS/	419	>CDKN2A-V5 QAMMMGS/	1071	652
>CDKN2A-V5 QVMMMGS/	298	>CDKN2A-V5 QAMMMGS/	1682	1384
>CDKN2A-V5 QVMMMGS/	61	>CDKN2A-V5 QAMMMGS/	173	112
>CDKN2A-V5 QVMMMGS/	313	>CDKN2A-V5 QAMMMGS/	711	398
>CDKN2A-V5 QVMMMGS/	248	>CDKN2A-V5 QAMMMGS/	2243	1995
>CDKN2A-V5 QVMMMGS/	41	>CDKN2A-V5 QAMMMGS/	775	734
>CDKN2A-V5 QVMMMGS/	114	>CDKN2A-V5 QAMMMGS/	771	657
>CDKN2A-V5 QVMMMGS/	55	>CDKN2A-V5 QAMMMGS/	98	43
>CDKN2A-V5 QVMMMGS/	218	>CDKN2A-V5 QAMMMGS/	500	282
>CDKN2A-V5 QVMMMGS/	20	>CDKN2A-V5 QAMMMGS/	33	13
>CDKN2A-V5 QVMMMGS/	167	>CDKN2A-V5 QAMMMGS/	921	754
>CDKN2A-V5 QVMMMGS/	215	>CDKN2A-V5 QAMMMGS/	466	251
>CDKN2A-V5 QVMMMGS/	78	>CDKN2A-V5 QAMMMGS/	208	130
>CDKN2A-V5 QVMMMGS/	3451	>CDKN2A-V5 QAMMMGS/	447	3004
>CDKN2A-V5 IQVMMMGS,	1017	>CDKN2A-V5 IQAMMMGS,	345	672
>CDKN2A-V5 IQVMMMGS,	598	>CDKN2A-V5 IQAMMMGS,	133	465
>CDKN2A-V5 IQVMMMGS,	167	>CDKN2A-V5 IQAMMMGS,	70	97
>CDKN2A-V5 IQVMMMGS,	42	>CDKN2A-V5 IQAMMMGS,	18	24
>CDKN2A-V5 IQVMMMGS,	87	>CDKN2A-V5 IQAMMMGS,	135	48
>CDKN2A-V5 IQVMMMGS,	16	>CDKN2A-V5 IQAMMMGS,	22	6
>CDKN2A-V5 IQVMMMGS,	587	>CDKN2A-V5 IQAMMMGS,	473	114
>CDKN2A-V5 IQVMMMGS,	777	>CDKN2A-V5 IQAMMMGS,	335	442
>CDKN2A-V5 IQVMMMGS,	120	>CDKN2A-V5 IQAMMMGS,	165	45
>CDKN2A-V5 IQVMMMGS,	240	>CDKN2A-V5 IQAMMMGS,	304	64
>CDKN2A-V5 IQVMMMGS,	117	>CDKN2A-V5 IQAMMMGS,	53	64
>CDKN2A-V5 IQVMMMGS,	691	>CDKN2A-V5 IQAMMMGS,	497	194
>CDKN2A-V5 IQVMMMGS,	187	>CDKN2A-V5 IQAMMMGS,	205	18
>CDKN2A-V5 RPIQVMMM	109	>CDKN2A-V5 RPIQAMMM	25	84
>CDKN2A-V5 RPIQVMMM	18	>CDKN2A-V5 RPIQAMMM	13	5
>CDKN2A-V5 RPIQVMMM	23	>CDKN2A-V5 RPIQAMMM	16	7
>CDKN2A-V5 RPIQVMMM	109	>CDKN2A-V5 RPIQAMMM	76	33
>CDKN2A-V5 RPIQVMMM	288	>CDKN2A-V5 RPIQAMMM	493	205
>CDKN2A-V5 RPIQVMMM	134	>CDKN2A-V5 RPIQAMMM	153	19
>CDKN2A-V5 RPIQVMMM	391	>CDKN2A-V5 RPIQAMMM	729	338
>CDKN2A-V5 RRPIQVMMM	439	>CDKN2A-V5 RRPIQAMMM	677	238
>CDKN2A-V5 RRPIQVMM	120	>CDKN2A-V5 RRPIQAMM	141	21
>CDKN2A-V5 RRPIQVMMM	184	>CDKN2A-V5 RRPIQAMMM	188	4
>CDKN2A-V5 RRPIQVMM	131	>CDKN2A-V5 RRPIQAMM	102	29
>CDKN2A-V5 RRPIQVMMM	163	>CDKN2A-V5 RRPIQAMMM	136	27
>CDKN2A-V5 RRPIQVMMM	125	>CDKN2A-V5 RRPIQAMMM	173	48
>CDKN2A-V5 RRPIQVMM	319	>CDKN2A-V5 RRPIQAMM	398	79
>CDKN2A-V5 RRPIQVMMM	74	>CDKN2A-V5 RRPIQAMMM	114	40
>CDKN2A-V5 RRPIQVMMM	238	>CDKN2A-V5 RRPIQAMMM	326	88

>CDKN2A-V5 GRRPIQVM	317	>CDKN2A-V5 GRRPIQAM	242	75
>CDKN2A-V5 GRRPIQVMV	485	>CDKN2A-V5 GRRPIQAMM	979	494
>CDKN2A-V5 GRRPIQVMV	365	>CDKN2A-V5 GRRPIQAMM	562	197
>CDKN2A-V5 GRRPIQVM	314	>CDKN2A-V5 GRRPIQAM	283	31
>CDKN2A-V5 GRRPIQVMV	115	>CDKN2A-V5 GRRPIQAMM	154	39
>CDKN2A-V5 GRRPIQVMV	203	>CDKN2A-V5 GRRPIQAMM	224	21
>CDKN2A-V5 GRRPIQVMV	250	>CDKN2A-V5 GRRPIQAMM	69	181
>CDKN2A-V5 GRRPIQVMV	213	>CDKN2A-V5 GRRPIQAMM	339	126
>CDKN2A-V5 GRRPIQVMV	455	>CDKN2A-V5 GRRPIQAMM	565	110
>CDKN2A-V5 GRRPIQVMV	34	>CDKN2A-V5 GRRPIQAMM	45	11
>CDKN2A-V5 GRRPIQVMV	222	>CDKN2A-V5 GRRPIQAMM	244	22
>CDKN2A-V5 YGRRPIQVM	395	>CDKN2A-V5 YGRRPIQAM	88	307
>CDKN2A-V5 YGRRPIQVM	343	>CDKN2A-V5 YGRRPIQAM	371	28
>CDKN2A-V5 YGRRPIQVM	897	>CDKN2A-V5 YGRRPIQAM	384	513
>CDKN2A-V5 YGRRPIQVM	262	>CDKN2A-V5 YGRRPIQAM	136	126
>CDKN2A-V5 YGRRPIQVMI	425	>CDKN2A-V5 YGRRPIQAMI	477	52
>CDKN2A-V5 YGRRPIQVM	44	>CDKN2A-V5 YGRRPIQAM	181	137
>CDKN2A-V5 YGRRPIQVMI	45	>CDKN2A-V5 YGRRPIQAMI	54	9
>CDKN2A-V5 YGRRPIQVMI	37	>CDKN2A-V5 YGRRPIQAMI	30	7
>CDKN2A-V5 SYGRRPIQVM	136	>CDKN2A-V5 SYGRRPIQAM	180	44
>CDKN2A-V5 SYGRRPIQVM	74	>CDKN2A-V5 SYGRRPIQAM	132	58
>CDKN2A-V5 NSYGRRPIQV	264	>CDKN2A-V5 NSYGRRPIQA	185	79
>CDKN2A-V5 NSYGRRPIQV	485	>CDKN2A-V5 NSYGRRPIQA	288	197
>CDKN2A-V5 NSYGRRPIQV	408	>CDKN2A-V5 NSYGRRPIQA	6127	5719
>CDKN2A-V5 NSYGRRPIQV	132	>CDKN2A-V5 NSYGRRPIQA	111	21
>CDKN2A-V5 NSYGRRPIQV	495	>CDKN2A-V5 NSYGRRPIQA	2792	2297
>CDKN2A-V5 NSYGRRPIQV	251	>CDKN2A-V5 NSYGRRPIQA	857	606
>CDKN2A-V5 VMMSGAR	182	>CDKN2A-V5 IMMSGAR\	202	20
>CDKN2A-V5 VMMSGAR	11	>CDKN2A-V5 IMMSGAR\	10	1
>CDKN2A-V5 VMMSGAR	9	>CDKN2A-V5 IMMSGAR\	6	3
>CDKN2A-V5 VMMSGAR	425	>CDKN2A-V5 IMMSGAR\	159	266
>CDKN2A-V5 VMMSGAR	3	>CDKN2A-V5 IMMSGAR\	3	0
>CDKN2A-V5 VMMSGAR	226	>CDKN2A-V5 IMMSGAR\	100	126
>CDKN2A-V5 VMMSGAR	19	>CDKN2A-V5 IMMSGAR\	15	4
>CDKN2A-V5 VMMSGAR	2	>CDKN2A-V5 IMMSGAR\	2	0
>CDKN2A-V5 VMMSGAR	55	>CDKN2A-V5 IMMSGAR\	68	13
>CDKN2A-V5 VMMSGAR	3	>CDKN2A-V5 IMMSGAR\	4	1
>CDKN2A-V5 VMMSGAR	239	>CDKN2A-V5 IMMSGAR\	334	95
>CDKN2A-V5 VMMSGAR	7	>CDKN2A-V5 IMMSGAR\	8	1
>CDKN2A-V5 VMMSGAR	2	>CDKN2A-V5 IMMSGAR\	2	0
>CDKN2A-V5 VMMSGAR	95	>CDKN2A-V5 IMMSGAR\	102	7
>CDKN2A-V5 VMMSGAR	2	>CDKN2A-V5 IMMSGAR\	2	0
>CDKN2A-V5 VMMSGAR	54	>CDKN2A-V5 IMMSGAR\	73	19

>CDKN2A-V5 VMMMGSAR	212	>CDKN2A-V5 IMMMGSAR	145	67
>CDKN2A-V5 VMMMGSAR	168	>CDKN2A-V5 IMMMGSAR	197	29
>CDKN2A-V5 VMMMGSAR	20	>CDKN2A-V5 IMMMGSAR	16	4
>CDKN2A-V5 VMMMGSAR	120	>CDKN2A-V5 IMMMGSAR	59	61
>CDKN2A-V5 VMMMGSAR	462	>CDKN2A-V5 IMMMGSAR	134	328
>CDKN2A-V5 VMMMGSAR	175	>CDKN2A-V5 IMMMGSAR\	148	27
>CDKN2A-V5 VMMMGSAR	183	>CDKN2A-V5 IMMMGSAR\	150	33
>CDKN2A-V5 VMMMGSAR	146	>CDKN2A-V5 IMMMGSAR	67	79
>CDKN2A-V5 VMMMGSAR	420	>CDKN2A-V5 IMMMGSAR\	172	248
>CDKN2A-V5 VMMMGSAR	721	>CDKN2A-V5 IMMMGSAR\	281	440
>CDKN2A-V5 VMMMGSAR	1050	>CDKN2A-V5 IMMMGSAR	381	669
>CDKN2A-V5 QVMMMGS/	873	>CDKN2A-V5 QIMMMGSA	384	489
>CDKN2A-V5 QVMMMGS/	419	>CDKN2A-V5 QIMMMGSA	295	124
>CDKN2A-V5 QVMMMGS/	298	>CDKN2A-V5 QIMMMGSA	140	158
>CDKN2A-V5 QVMMMGS/	61	>CDKN2A-V5 QIMMMGSA	42	19
>CDKN2A-V5 QVMMMGS/	313	>CDKN2A-V5 QIMMMGSA	289	24
>CDKN2A-V5 QVMMMGS/	731	>CDKN2A-V5 QIMMMGSA	210	521
>CDKN2A-V5 QVMMMGS/	248	>CDKN2A-V5 QIMMMGSA	103	145
>CDKN2A-V5 QVMMMGS/	41	>CDKN2A-V5 QIMMMGSA	16	25
>CDKN2A-V5 QVMMMGS/	114	>CDKN2A-V5 QIMMMGSA	254	140
>CDKN2A-V5 QVMMMGS/	55	>CDKN2A-V5 QIMMMGSA	98	43
>CDKN2A-V5 QVMMMGS/	218	>CDKN2A-V5 QIMMMGSA	354	136
>CDKN2A-V5 QVMMMGS/	20	>CDKN2A-V5 QIMMMGSA	47	27
>CDKN2A-V5 QVMMMGS/	167	>CDKN2A-V5 QIMMMGSA	812	645
>CDKN2A-V5 QVMMMGS/	215	>CDKN2A-V5 QIMMMGSA	530	315
>CDKN2A-V5 QVMMMGS/	78	>CDKN2A-V5 QIMMMGSA	150	72
>CDKN2A-V5 IQVMMMGS.	1017	>CDKN2A-V5 IQIMMMGSA	242	775
>CDKN2A-V5 IQVMMMGS.	598	>CDKN2A-V5 IQIMMMGSA	469	129
>CDKN2A-V5 IQVMMMGS.	167	>CDKN2A-V5 IQIMMMGSA	93	74
>CDKN2A-V5 IQVMMMGS.	42	>CDKN2A-V5 IQIMMMGSA	24	18
>CDKN2A-V5 IQVMMMGS.	87	>CDKN2A-V5 IQIMMMGSA	57	30
>CDKN2A-V5 IQVMMMGS.	16	>CDKN2A-V5 IQIMMMGSA	11	5
>CDKN2A-V5 IQVMMMGS.	587	>CDKN2A-V5 IQIMMMGSA	410	177
>CDKN2A-V5 IQVMMMGS.	1485	>CDKN2A-V5 IQIMMMGSA	480	1005
>CDKN2A-V5 IQVMMMGS.	120	>CDKN2A-V5 IQIMMMGSA	53	67
>CDKN2A-V5 IQVMMMGS.	240	>CDKN2A-V5 IQIMMMGSA	125	115
>CDKN2A-V5 IQVMMMGS.	117	>CDKN2A-V5 IQIMMMGSA	62	55
>CDKN2A-V5 IQVMMMGS.	691	>CDKN2A-V5 IQIMMMGSA	283	408
>CDKN2A-V5 IQVMMMGS.	754	>CDKN2A-V5 IQIMMMGSA	356	398
>CDKN2A-V5 IQVMMMGS.	187	>CDKN2A-V5 IQIMMMGSA	131	56
>CDKN2A-V5 IQVMMMGS.	508	>CDKN2A-V5 IQIMMMGSA	369	139
>CDKN2A-V5 RPIQVMMM	109	>CDKN2A-V5 RPIQIMMM	155	46
>CDKN2A-V5 RPIQVMMM	18	>CDKN2A-V5 RPIQIMMM	22	4



>CDKN2A-V5 RPIQVMMM	23	>CDKN2A-V5 RPIQIMMMC	27	4
>CDKN2A-V5 RPIQVMMM	109	>CDKN2A-V5 RPIQIMMM	103	6
>CDKN2A-V5 RPIQVMMM	288	>CDKN2A-V5 RPIQIMMMC	209	79
>CDKN2A-V5 RPIQVMMM	134	>CDKN2A-V5 RPIQIMMMC	105	29
>CDKN2A-V5 RPIQVMMM	805	>CDKN2A-V5 RPIQIMMM	487	318
>CDKN2A-V5 RPIQVMMM	391	>CDKN2A-V5 RPIQIMMM	525	134
>CDKN2A-V5 RRPIQVMMM	439	>CDKN2A-V5 RRPIQIMMM	581	142
>CDKN2A-V5 RRPIQVMM	120	>CDKN2A-V5 RRPIQIMM	102	18
>CDKN2A-V5 RRPIQVMMM	184	>CDKN2A-V5 RRPIQIMMM	108	76
>CDKN2A-V5 RRPIQVMM	131	>CDKN2A-V5 RRPIQIMM	70	61
>CDKN2A-V5 RRPIQVMMM	163	>CDKN2A-V5 RRPIQIMMM	97	66
>CDKN2A-V5 RRPIQVMMM	125	>CDKN2A-V5 RRPIQIMMM	140	15
>CDKN2A-V5 RRPIQVMM	319	>CDKN2A-V5 RRPIQIMM	231	88
>CDKN2A-V5 RRPIQVMMM	74	>CDKN2A-V5 RRPIQIMMM	53	21
>CDKN2A-V5 RRPIQVMMM	238	>CDKN2A-V5 RRPIQIMMM	165	73
>CDKN2A-V5 GRRPIQVM	317	>CDKN2A-V5 GRRPIQIM	430	113
>CDKN2A-V5 GRRPIQVMM	485	>CDKN2A-V5 GRRPIQIMM	914	429
>CDKN2A-V5 GRRPIQVM	365	>CDKN2A-V5 GRRPIQIMM	525	160
>CDKN2A-V5 GRRPIQVM	314	>CDKN2A-V5 GRRPIQIM	415	101
>CDKN2A-V5 GRRPIQVMM	115	>CDKN2A-V5 GRRPIQIMM	120	5
>CDKN2A-V5 GRRPIQVMM	203	>CDKN2A-V5 GRRPIQIMM	187	16
>CDKN2A-V5 GRRPIQVMM	250	>CDKN2A-V5 GRRPIQIMM	204	46
>CDKN2A-V5 GRRPIQVMM	213	>CDKN2A-V5 GRRPIQIMM	162	51
>CDKN2A-V5 GRRPIQVMM	455	>CDKN2A-V5 GRRPIQIMM	443	12
>CDKN2A-V5 GRRPIQVMM	34	>CDKN2A-V5 GRRPIQIMM	27	7
>CDKN2A-V5 GRRPIQVMM	222	>CDKN2A-V5 GRRPIQIMM	175	47
>CDKN2A-V5 YGRRPIQVM	395	>CDKN2A-V5 YGRRPIQIM	1431	1036
>CDKN2A-V5 YGRRPIQVM	343	>CDKN2A-V5 YGRRPIQIM	2534	2191
>CDKN2A-V5 YGRRPIQVM	262	>CDKN2A-V5 YGRRPIQIM	349	87
>CDKN2A-V5 YGRRPIQVM	425	>CDKN2A-V5 YGRRPIQIM	588	163
>CDKN2A-V5 YGRRPIQVM	44	>CDKN2A-V5 YGRRPIQIM	46	2
>CDKN2A-V5 YGRRPIQVM	45	>CDKN2A-V5 YGRRPIQIM	40	5
>CDKN2A-V5 YGRRPIQVM	37	>CDKN2A-V5 YGRRPIQIM	37	0
>CDKN2A-V5 SYGRRPIQV	799	>CDKN2A-V5 SYGRRPIQI	68	731
>CDKN2A-V5 SYGRRPIQV	935	>CDKN2A-V5 SYGRRPIQI	29	906
>CDKN2A-V5 SYGRRPIQVM	136	>CDKN2A-V5 SYGRRPIQIM	329	193
>CDKN2A-V5 SYGRRPIQVM	74	>CDKN2A-V5 SYGRRPIQIM	113	39
>CDKN2A-V5 NSYGRRPIQV	264	>CDKN2A-V5 NSYGRRPIQI	178	86
>CDKN2A-V5 NSYGRRPIQV	485	>CDKN2A-V5 NSYGRRPIQI	683	198
>CDKN2A-V5 NSYGRRPIQV	408	>CDKN2A-V5 NSYGRRPIQI	2181	1773
>CDKN2A-V5 NSYGRRPIQV	132	>CDKN2A-V5 NSYGRRPIQI	225	93
>CDKN2A-V5 NSYGRRPIQV	495	>CDKN2A-V5 NSYGRRPIQI	654	159
>CDKN2A-V5 NSYGRRPIQV	251	>CDKN2A-V5 NSYGRRPIQI	270	19

>CDKN2A-V5 RVAELLLL	83	>CDKN2A-V5 RGAELLLL	8847	8764
>CDKN2A-V5 RVAELLLLHG,	171	>CDKN2A-V5 RGAELLLLHG,	12215	12044
>CDKN2A-V5 RVAELLLL	33	>CDKN2A-V5 RGAELLLL	723	690
>CDKN2A-V5 RVAELLLLHG,	79	>CDKN2A-V5 RGAELLLLHG,	1839	1760
>CDKN2A-V5 RVAELLLL	70	>CDKN2A-V5 RGAELLLL	7649	7579
>CDKN2A-V5 RVAELLLLHG,	23	>CDKN2A-V5 RGAELLLLHG,	4334	4311
>CDKN2A-V5 RVAELLLL	14	>CDKN2A-V5 RGAELLLL	1079	1065
>CDKN2A-V5 RVAELLLLHG,	12	>CDKN2A-V5 RGAELLLLHG,	532	520
>CDKN2A-V5 RVAELLLL	392	>CDKN2A-V5 RGAELLLL	9859	9467
>CDKN2A-V5 RVAELLLLHG,	305	>CDKN2A-V5 RGAELLLLHG,	8173	7868
>CDKN2A-V5 RVAELLLL	393	>CDKN2A-V5 RGAELLLL	18345	17952
>CDKN2A-V5 RVAELLLLHG,	459	>CDKN2A-V5 RGAELLLLHG,	20587	20128
>CDKN2A-V5 RVAELLLLH	226	>CDKN2A-V5 RGAELLLLH	8770	8544
>CDKN2A-V5 RVAELLLLH	230	>CDKN2A-V5 RGAELLLLH	9905	9675
>CDKN2A-V5 RVAELLLL	424	>CDKN2A-V5 RGAELLLL	16276	15852
>CDKN2A-V5 RVAELLLLHG,	370	>CDKN2A-V5 RGAELLLLHG,	12272	11902
>CDKN2A-V5 RVAELLLLHG,	428	>CDKN2A-V5 RGAELLLLHG,	10403	9975
>CDKN2A-V5 RVAELLLLH	65	>CDKN2A-V5 RGAELLLLH	4196	4131
>CDKN2A-V5 RVAELLLL	300	>CDKN2A-V5 RGAELLLL	1539	1239
>CDKN2A-V5 RVAELLLL	268	>CDKN2A-V5 RGAELLLL	1164	896
>CDKN2A-V5 RVAELLLL	364	>CDKN2A-V5 RGAELLLL	788	424
>CDKN2A-V5 IQVMMMG,	42	>CDKN2A-V5 IQVMMMG,	14759	14717
>CDKN2A-V5 IQVMMMG,	16	>CDKN2A-V5 IQVMMMG,	5991	5975
>CDKN2A-V5 ARVAELL	180	>CDKN2A-V5 ARGAEELL	757	577
>CDKN2A-V5 ARVAELLLL	120	>CDKN2A-V5 ARGAEELLLL	491	371
>CDKN2A-V5 ARVAELLLLH	215	>CDKN2A-V5 ARGAEELLLLH	894	679
>CDKN2A-V5 ARVAELL	222	>CDKN2A-V5 ARGAEELL	4219	3997
>CDKN2A-V5 ARVAELLLL	229	>CDKN2A-V5 ARGAEELLLL	4397	4168
>CDKN2A-V5 ARVAELLLL	123	>CDKN2A-V5 ARGAEELLLL	244	121
>CDKN2A-V5 ARVAELLLL	23	>CDKN2A-V5 ARGAEELLLL	55	32
>CDKN2A-V5 SARVAELL	380	>CDKN2A-V5 SARGAELL	548	168
>CDKN2A-V5 SARVAELL	39	>CDKN2A-V5 SARGAELL	67	28
>CDKN2A-V5 SARVAELLLL	38	>CDKN2A-V5 SARGAELLLL	58	20
>CDKN2A-V5 SARVAELL	377	>CDKN2A-V5 SARGAELL	203	174
>CDKN2A-V5 SARVAELL	179	>CDKN2A-V5 SARGAELL	157	22
>CDKN2A-V5 SARVAELLLL	137	>CDKN2A-V5 SARGAELLLL	117	20
>CDKN2A-V5 GSARVAEL	282	>CDKN2A-V5 GSARGAEL	85	197
>CDKN2A-V5 GSARVAELLLL	1361	>CDKN2A-V5 GSARGAELLLL	339	1022
>CDKN2A-V5 GSARVAELLLI	950	>CDKN2A-V5 GSARGAELLLL	228	722
>CDKN2A-V5 GSARVAELL	237	>CDKN2A-V5 GSARGAELL	1193	956
>CDKN2A-V5 GSARVAELLLL	255	>CDKN2A-V5 GSARGAELLLL	781	526
>CDKN2A-V5 GSARVAELLLI	270	>CDKN2A-V5 GSARGAELLLL	764	494
>CDKN2A-V5 GSARVAELLLI	264	>CDKN2A-V5 GSARGAELLLL	579	315

>CDKN2A-V5 GSARVAELL	24	>CDKN2A-V5 GSARGAELL	42	18
>CDKN2A-V5 GSARVAELLL	452	>CDKN2A-V5 GSARGAELLL	453	1
>CDKN2A-V5 GSARVAELLLI	66	>CDKN2A-V5 GSARGAELLLI	95	29
>CDKN2A-V5 MGSARVAEL	66	>CDKN2A-V5 MGSARGAEL	423	357
>CDKN2A-V5 MGSARVAELI	399	>CDKN2A-V5 MGSARGAELI	880	481
>CDKN2A-V5 MGSARVAEL	218	>CDKN2A-V5 MGSARGAEL	900	682
>CDKN2A-V5 MMGSARVAI	177	>CDKN2A-V5 MMGSARGAI	474	297
>CDKN2A-V5 MMGSARVAI	143	>CDKN2A-V5 MMGSARGAI	448	305
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>CDKN2A-V5 MMGSARVAI	8	>CDKN2A-V5 MMGSARGAI	17	9
>CDKN2A-V5 MMGSARVA	224	>CDKN2A-V5 MMGSARGA	72	152
>CDKN2A-V5 MMGSARVAI	52	>CDKN2A-V5 MMGSARGAI	144	92
>CDKN2A-V5 MMGSARVAI	173	>CDKN2A-V5 MMGSARGAI	137	36
>CDKN2A-V5 MMGSARVAI	436	>CDKN2A-V5 MMGSARGAI	731	295
>CDKN2A-V5 MMGSARVA	187	>CDKN2A-V5 MMGSARGA	111	76
>CDKN2A-V5 MMGSARVAI	11	>CDKN2A-V5 MMGSARGAI	25	14
>CDKN2A-V5 MMGSARVAI	24	>CDKN2A-V5 MMGSARGAI	46	22
>CDKN2A-V5 MMGSARVAI	42	>CDKN2A-V5 MMGSARGAI	128	86
>CDKN2A-V5 MMGSARVAI	190	>CDKN2A-V5 MMGSARGAI	357	167
>CDKN2A-V5 MMGSARVAI	46	>CDKN2A-V5 MMGSARGAI	175	129
>CDKN2A-V5 MMGSARVAI	81	>CDKN2A-V5 MMGSARGAI	197	116
>CDKN2A-V5 MMGSARVAI	33	>CDKN2A-V5 MMGSARGAI	279	246
>CDKN2A-V5 MMGSARVAI	112	>CDKN2A-V5 MMGSARGAI	228	116
>CDKN2A-V5 MMGSARVA	95	>CDKN2A-V5 MMGSARGA	58	37
>CDKN2A-V5 MMGSARVAI	3	>CDKN2A-V5 MMGSARGAI	6	3
>CDKN2A-V5 MMGSARVAI	8	>CDKN2A-V5 MMGSARGAI	10	2
>CDKN2A-V5 MMGSARVAI	163	>CDKN2A-V5 MMGSARGAI	190	27
>CDKN2A-V5 MMGSARVAI	90	>CDKN2A-V5 MMGSARGAI	197	107
>CDKN2A-V5 MMGSARVAI	402	>CDKN2A-V5 MMGSARGAI	974	572
>CDKN2A-V5 MMMGSARV	11	>CDKN2A-V5 MMMGSARC	4380	4369
>CDKN2A-V5 MMMGSARV	549	>CDKN2A-V5 MMMGSARC	241	308
>CDKN2A-V5 MMMGSARV	19	>CDKN2A-V5 MMMGSARC	20	1
>CDKN2A-V5 MMMGSARV	3	>CDKN2A-V5 MMMGSARC	243	240
>CDKN2A-V5 MMMGSARV	102	>CDKN2A-V5 MMMGSARC	31	71
>CDKN2A-V5 MMMGSARV	4	>CDKN2A-V5 MMMGSARC	4	0
>CDKN2A-V5 MMMGSARV	2	>CDKN2A-V5 MMMGSARC	541	539
>CDKN2A-V5 MMMGSARV	11	>CDKN2A-V5 MMMGSARC	5	6
>CDKN2A-V5 MMMGSARV	5	>CDKN2A-V5 MMMGSARC	6	1
>CDKN2A-V5 MMMGSARV	8	>CDKN2A-V5 MMMGSARC	4608	4600
>CDKN2A-V5 MMMGSARV	437	>CDKN2A-V5 MMMGSARC	65	372
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>CDKN2A-V5 MMMGSARV	2	>CDKN2A-V5 MMMGSARC	395	393
>CDKN2A-V5 MMMGSARV	29	>CDKN2A-V5 MMMGSARC	12	17

>CDKN2A-V5 MMMGSARV	3	>CDKN2A-V5 MMMGSARC	4	1
>CDKN2A-V5 MMMGSARV	3	>CDKN2A-V5 MMMGSARC	4323	4320
>CDKN2A-V5 MMMGSARV	281	>CDKN2A-V5 MMMGSARC	88	193
>CDKN2A-V5 MMMGSARV	9	>CDKN2A-V5 MMMGSARC	8	1
>CDKN2A-V5 MMMGSARV	8	>CDKN2A-V5 MMMGSARC	12154	12146
>CDKN2A-V5 MMMGSARV	1302	>CDKN2A-V5 MMMGSARC	413	889
>CDKN2A-V5 MMMGSARV	35	>CDKN2A-V5 MMMGSARC	44	9
>CDKN2A-V5 MMMGSARV	2	>CDKN2A-V5 MMMGSARC	4036	4034
>CDKN2A-V5 MMMGSARV	91	>CDKN2A-V5 MMMGSARC	30	61
>CDKN2A-V5 MMMGSARV	4	>CDKN2A-V5 MMMGSARC	6	2
>CDKN2A-V5 MMMGSARV	2	>CDKN2A-V5 MMMGSARC	766	764
>CDKN2A-V5 MMMGSARV	21	>CDKN2A-V5 MMMGSARC	11	10
>CDKN2A-V5 MMMGSARV	3	>CDKN2A-V5 MMMGSARC	3	0
>CDKN2A-V5 MMMGSARV	179	>CDKN2A-V5 MMMGSARC	432	253
>CDKN2A-V5 MMMGSARV	29	>CDKN2A-V5 MMMGSARC	9288	9259
>CDKN2A-V5 MMMGSARV	235	>CDKN2A-V5 MMMGSARC	426	191
>CDKN2A-V5 MMMGSARV	51	>CDKN2A-V5 MMMGSARC	15650	15599
>CDKN2A-V5 MMMGSARV	188	>CDKN2A-V5 MMMGSARC	372	184
>CDKN2A-V5 MMMGSARV	301	>CDKN2A-V5 MMMGSARC	534	233
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>CDKN2A-V5 MMMGSARV	84	>CDKN2A-V5 MMMGSARC	105	21
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>CDKN2A-V5 MMMGSARV	237	>CDKN2A-V5 MMMGSARC	9938	9701
>CDKN2A-V5 MMMGSARV	342	>CDKN2A-V5 MMMGSARC	1885	1543
>CDKN2A-V5 MMMGSARV	31	>CDKN2A-V5 MMMGSARC	35	4
>CDKN2A-V5 MMMGSARV	55	>CDKN2A-V5 MMMGSARC	50	5
>CDKN2A-V5 MMMGSARV	465	>CDKN2A-V5 MMMGSARC	12701	12236
>CDKN2A-V5 MMMGSARV	18	>CDKN2A-V5 MMMGSARC	34	16
>CDKN2A-V5 MMMGSARV	185	>CDKN2A-V5 MMMGSARC	199	14
>CDKN2A-V5 VMMMGSAR	182	>CDKN2A-V5 VMMMGSAR	3252	3070
>CDKN2A-V5 VMMMGSAR	11	>CDKN2A-V5 VMMMGSAR	11359	11348
>CDKN2A-V5 VMMMGSAR	9	>CDKN2A-V5 VMMMGSAR	4230	4221
>CDKN2A-V5 VMMMGSAR	425	>CDKN2A-V5 VMMMGSAR	239	186
>CDKN2A-V5 VMMMGSAR	3	>CDKN2A-V5 VMMMGSAR	1682	1679
>CDKN2A-V5 VMMMGSAR	226	>CDKN2A-V5 VMMMGSAR	108	118
>CDKN2A-V5 VMMMGSAR	19	>CDKN2A-V5 VMMMGSAR	7619	7600
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>CDKN2A-V5 VMMMGSAR	55	>CDKN2A-V5 VMMMGSAR	25	30
>CDKN2A-V5 VMMMGSAR	3	>CDKN2A-V5 VMMMGSAR	6621	6618
>CDKN2A-V5 VMMMGSAR	239	>CDKN2A-V5 VMMMGSAR	106	133
>CDKN2A-V5 VMMMGSAR	7	>CDKN2A-V5 VMMMGSAR	11498	11491
>CDKN2A-V5 VMMMGSAR	625	>CDKN2A-V5 VMMMGSAR	293	332
>CDKN2A-V5 VMMMGSAR	2	>CDKN2A-V5 VMMMGSAR	6393	6391

>CDKN2A-V5 VMMSGAR	95	>CDKN2A-V5 VMMSGAR	39	56
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>CDKN2A-V5 VMMSGAR	54	>CDKN2A-V5 VMMSGAR	28	26
>CDKN2A-V5 VMMSGAR	175	>CDKN2A-V5 VMMSGAR	316	141
>CDKN2A-V5 VMMSGAR	183	>CDKN2A-V5 VMMSGAR	579	396
>CDKN2A-V5 VMMSGAR	420	>CDKN2A-V5 VMMSGAR	11979	11559
>CDKN2A-V5 QVMMSGAR	419	>CDKN2A-V5 QVMMSGAR	18958	18539
>CDKN2A-V5 QVMMSGAR	61	>CDKN2A-V5 QVMMSGAR	16970	16909
>CDKN2A-V5 QVMMSGAR	313	>CDKN2A-V5 QVMMSGAR	19784	19471
>CDKN2A-V5 QVMMSGAR	248	>CDKN2A-V5 QVMMSGAR	24618	24370
>CDKN2A-V5 QVMMSGAR	41	>CDKN2A-V5 QVMMSGAR	33823	33782
>CDKN2A-V5 QVMMSGAR	215	>CDKN2A-V5 QVMMSGAR	27952	27737
>CDKN2A-V5 QVMMSGAR	78	>CDKN2A-V5 QVMMSGAR	16024	15946
>CDKN2A-V5 RVAELLL	83	>CDKN2A-V5 RVAELLL	11	72
>CDKN2A-V5 RVAELLLHG,	171	>CDKN2A-V5 RVAELLLHG	15	156
>CDKN2A-V5 RVAELLL	33	>CDKN2A-V5 RVAELLL	3	30
>CDKN2A-V5 RVAELLLHG,	79	>CDKN2A-V5 RVAELLLHG	6	73
>CDKN2A-V5 RVAELLL	70	>CDKN2A-V5 RVAELLL	5	65
>CDKN2A-V5 RVAELLLHG,	23	>CDKN2A-V5 RVAELLLHG	4	19
>CDKN2A-V5 RVAELLL	14	>CDKN2A-V5 RVAELLL	9	5
>CDKN2A-V5 RVAELLLHG,	12	>CDKN2A-V5 RVAELLLHG	9	3
>CDKN2A-V5 RVAELLL	392	>CDKN2A-V5 RVAELLL	5	387
>CDKN2A-V5 RVAELLLHG,	305	>CDKN2A-V5 RVAELLLHG	5	300
>CDKN2A-V5 RVAELLL	3146	>CDKN2A-V5 RVAELLL	13	3133
>CDKN2A-V5 RVAELLLHG,	1288	>CDKN2A-V5 RVAELLLHG	13	1275
>CDKN2A-V5 RVAELLL	569	>CDKN2A-V5 RVAELLL	10	559
>CDKN2A-V5 RVAELLLHG,	587	>CDKN2A-V5 RVAELLLHG	12	575
>CDKN2A-V5 RVAELLL	3245	>CDKN2A-V5 RVAELLL	31	3214
>CDKN2A-V5 RVAELLLHG,	1731	>CDKN2A-V5 RVAELLLHG	20	1711
>CDKN2A-V5 RVAELLL	393	>CDKN2A-V5 RVAELLL	5	388
>CDKN2A-V5 RVAELLLHG,	459	>CDKN2A-V5 RVAELLLHG	6	453
>CDKN2A-V5 RVAELLLH	226	>CDKN2A-V5 RVAELLLH	84	142
>CDKN2A-V5 RVAELLLH	230	>CDKN2A-V5 RVAELLLH	892	662
>CDKN2A-V5 RVAELLLH	877	>CDKN2A-V5 RVAELLLH	187	690
>CDKN2A-V5 RVAELLL	424	>CDKN2A-V5 RVAELLL	229	195
>CDKN2A-V5 RVAELLLHG,	370	>CDKN2A-V5 RVAELLLHG	6915	6545
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>CDKN2A-V5 RVAELLLH	65	>CDKN2A-V5 RVAELLLH	109	44
>CDKN2A-V5 RVAELLL	5438	>CDKN2A-V5 RVAELLL	443	4995
>CDKN2A-V5 RVAELLLHG	4188	>CDKN2A-V5 RVAELLLHG	440	3748
>CDKN2A-V5 RVAELLL	6689	>CDKN2A-V5 RVAELLL	426	6263
>CDKN2A-V5 RVAELLL	300	>CDKN2A-V5 RVAELLL	580	280
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>CDKN2A-V5 RVAELLLL	364	>CDKN2A-V5 RMAELLLL	195	169
>CDKN2A-V5 IQVMMMGSL	1356	>CDKN2A-V5 IQVMMMGSL	353	1003
>CDKN2A-V5 IQVMMMGSL	42	>CDKN2A-V5 IQVMMMGSL	3458	3416
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>CDKN2A-V5 IQVMMMGSL	754	>CDKN2A-V5 IQVMMMGSL	95	659
>CDKN2A-V5 IQVMMMGSL	508	>CDKN2A-V5 IQVMMMGSL	124	384
>CDKN2A-V5 ARVAELLL	836	>CDKN2A-V5 ARMAELLL	385	451
>CDKN2A-V5 ARVAELLLL	918	>CDKN2A-V5 ARMAELLLL	431	487
>CDKN2A-V5 ARVAELLL	180	>CDKN2A-V5 ARMAELLL	32	148
>CDKN2A-V5 ARVAELLLL	120	>CDKN2A-V5 ARMAELLLL	24	96
>CDKN2A-V5 ARVAELLLLH	215	>CDKN2A-V5 ARMAELLLLH	130	85
>CDKN2A-V5 ARVAELLL	222	>CDKN2A-V5 ARMAELLL	62	160
>CDKN2A-V5 ARVAELLLL	229	>CDKN2A-V5 ARMAELLLL	65	164
>CDKN2A-V5 ARVAELLLL	123	>CDKN2A-V5 ARMAELLLL	58	65
>CDKN2A-V5 ARVAELLLL	23	>CDKN2A-V5 ARMAELLLL	9	14
>CDKN2A-V5 SARVAELL	380	>CDKN2A-V5 SARMAELL	331	49
>CDKN2A-V5 SARVAELLL	39	>CDKN2A-V5 SARMAELLL	36	3
>CDKN2A-V5 SARVAELLLL	38	>CDKN2A-V5 SARMAELLLL	36	2
>CDKN2A-V5 SARVAELLLLH	558	>CDKN2A-V5 SARMAELLLL	490	68
>CDKN2A-V5 SARVAELL	377	>CDKN2A-V5 SARMAELL	212	165
>CDKN2A-V5 SARVAELLL	179	>CDKN2A-V5 SARMAELLL	133	46
>CDKN2A-V5 SARVAELLLL	137	>CDKN2A-V5 SARMAELLLL	108	29
>CDKN2A-V5 GSARVAEL	282	>CDKN2A-V5 GSARMAEL	78	204
>CDKN2A-V5 GSARVAELLLI	950	>CDKN2A-V5 GSARMAELLL	360	590
>CDKN2A-V5 GSARVAELL	237	>CDKN2A-V5 GSARMAELL	1078	841
>CDKN2A-V5 GSARVAELLL	255	>CDKN2A-V5 GSARMAELLL	751	496
>CDKN2A-V5 GSARVAELLLL	270	>CDKN2A-V5 GSARMAELLL	703	433
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>CDKN2A-V5 GSARVAELL	24	>CDKN2A-V5 GSARMAELL	26	2
>CDKN2A-V5 GSARVAELLL	452	>CDKN2A-V5 GSARMAELLL	191	261
>CDKN2A-V5 GSARVAELLLL	66	>CDKN2A-V5 GSARMAELLL	69	3
>CDKN2A-V5 MGSARVAEL	66	>CDKN2A-V5 MGSARMAEL	71	5
>CDKN2A-V5 MGSARVAELI	399	>CDKN2A-V5 MGSARMAEL	421	22
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>CDKN2A-V5 MGSARVAEL	218	>CDKN2A-V5 MGSARMAEL	447	229
>CDKN2A-V5 MGSARVAEL	753	>CDKN2A-V5 MGSARMAEL	287	466
>CDKN2A-V5 MMGSARVAI	177	>CDKN2A-V5 MMGSARMA	190	13
>CDKN2A-V5 MMGSARVAI	143	>CDKN2A-V5 MMGSARMA	170	27
>CDKN2A-V5 MMGSARVA	831	>CDKN2A-V5 MMGSARMA	499	332
>CDKN2A-V5 MMGSARVAI	24	>CDKN2A-V5 MMGSARMA	23	1
>CDKN2A-V5 MMGSARVAI	8	>CDKN2A-V5 MMGSARMA	10	2
>CDKN2A-V5 MMGSARVA	224	>CDKN2A-V5 MMGSARMA	106	118

>CDKN2A-V5 MMGSARVAI	52	>CDKN2A-V5 MMGSARMA	51	1
>CDKN2A-V5 MMGSARVAI	173	>CDKN2A-V5 MMGSARMA	114	59
>CDKN2A-V5 MMGSARVAI	436	>CDKN2A-V5 MMGSARMA	608	172
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>CDKN2A-V5 MMGSARVAI	11	>CDKN2A-V5 MMGSARMA	18	7
>CDKN2A-V5 MMGSARVAI	24	>CDKN2A-V5 MMGSARMA	41	17
>CDKN2A-V5 MMGSARVAI	42	>CDKN2A-V5 MMGSARMA	54	12
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>CDKN2A-V5 MMGSARVAI	46	>CDKN2A-V5 MMGSARMA	85	39
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>CDKN2A-V5 MMGSARVAI	33	>CDKN2A-V5 MMGSARMA	89	56
>CDKN2A-V5 MMGSARVAI	112	>CDKN2A-V5 MMGSARMA	104	8
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>CDKN2A-V5 MMGSARVAI	8	>CDKN2A-V5 MMGSARMA	7	1
>CDKN2A-V5 MMGSARVAI	163	>CDKN2A-V5 MMGSARMA	227	64
>CDKN2A-V5 MMGSARVAI	90	>CDKN2A-V5 MMGSARMA	133	43
>CDKN2A-V5 MMGSARVAI	402	>CDKN2A-V5 MMGSARMA	419	17
>CDKN2A-V5 MMMGSARV	587	>CDKN2A-V5 MMMGSARN	379	208
>CDKN2A-V5 MMMGSARV	11	>CDKN2A-V5 MMMGSARN	38	27
>CDKN2A-V5 MMMGSARV	549	>CDKN2A-V5 MMMGSARN	195	354
>CDKN2A-V5 MMMGSARV	19	>CDKN2A-V5 MMMGSARN	16	3
>CDKN2A-V5 MMMGSARV	3	>CDKN2A-V5 MMMGSARN	13	10
>CDKN2A-V5 MMMGSARV	102	>CDKN2A-V5 MMMGSARN	39	63
>CDKN2A-V5 MMMGSARV	4	>CDKN2A-V5 MMMGSARN	3	1
>CDKN2A-V5 MMMGSARV	2	>CDKN2A-V5 MMMGSARN	18	16
>CDKN2A-V5 MMMGSARV	11	>CDKN2A-V5 MMMGSARN	8	3
>CDKN2A-V5 MMMGSARV	5	>CDKN2A-V5 MMMGSARN	5	0
>CDKN2A-V5 MMMGSARV	8	>CDKN2A-V5 MMMGSARN	149	141
>CDKN2A-V5 MMMGSARV	437	>CDKN2A-V5 MMMGSARN	255	182
>CDKN2A-V5 MMMGSARV	27	>CDKN2A-V5 MMMGSARN	19	8
>CDKN2A-V5 MMMGSARV	2	>CDKN2A-V5 MMMGSARN	13	11
>CDKN2A-V5 MMMGSARV	29	>CDKN2A-V5 MMMGSARN	13	16
>CDKN2A-V5 MMMGSARV	3	>CDKN2A-V5 MMMGSARN	4	1
>CDKN2A-V5 MMMGSARV	3	>CDKN2A-V5 MMMGSARN	57	54
>CDKN2A-V5 MMMGSARV	281	>CDKN2A-V5 MMMGSARN	589	308
>CDKN2A-V5 MMMGSARV	9	>CDKN2A-V5 MMMGSARN	10	1
>CDKN2A-V5 MMMGSARV	8	>CDKN2A-V5 MMMGSARN	637	629
>CDKN2A-V5 MMMGSARV	35	>CDKN2A-V5 MMMGSARN	46	11
>CDKN2A-V5 MMMGSARV	2	>CDKN2A-V5 MMMGSARN	10	8
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>CDKN2A-V5 MMMGSARV	4	>CDKN2A-V5 MMMGSARN	6	2
>CDKN2A-V5 MMMGSARV	2	>CDKN2A-V5 MMMGSARN	10	8

>CDKN2A-V5 MMMGSARV	21	>CDKN2A-V5 MMMGSARN	15	6
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>CDKN2A-V5 MMMGSARV	179	>CDKN2A-V5 MMMGSARN	334	155
>CDKN2A-V5 MMMGSARV	29	>CDKN2A-V5 MMMGSARN	1834	1805
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>CDKN2A-V5 MMMGSARV	51	>CDKN2A-V5 MMMGSARN	724	673
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>CDKN2A-V5 MMMGSARV	188	>CDKN2A-V5 MMMGSARN	280	92
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>CDKN2A-V5 MMMGSARV	237	>CDKN2A-V5 MMMGSARN	48	189
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>CDKN2A-V5 MMMGSARV	31	>CDKN2A-V5 MMMGSARN	46	15
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>CDKN2A-V5 MMMGSARV	55	>CDKN2A-V5 MMMGSARN	34	21
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>CDKN2A-V5 MMMGSARV	185	>CDKN2A-V5 MMMGSARN	204	19
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>CDKN2A-V5 VMMMGSAR	54	>CDKN2A-V5 VMMMGSAR	41	13
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>CDKN2A-V5 VMMMGSAR	1289	>CDKN2A-V5 VMMMGSAR	183	1106
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>CDKN2A-V5 QVMMMGS/	61	>CDKN2A-V5 QVMMMGS/	1697	1636
>CDKN2A-V5 QVMMMGS/	313	>CDKN2A-V5 QVMMMGS/	4558	4245
>CDKN2A-V5 QVMMMGS/	248	>CDKN2A-V5 QVMMMGS/	7853	7605
>CDKN2A-V5 QVMMMGS/	41	>CDKN2A-V5 QVMMMGS/	15166	15125
>CDKN2A-V5 QVMMMGS/	10143	>CDKN2A-V5 QVMMMGS/	139	10004
>CDKN2A-V5 QVMMMGS/	215	>CDKN2A-V5 QVMMMGS/	5166	4951
>CDKN2A-V5 QVMMMGS/	78	>CDKN2A-V5 QVMMMGS/	1228	1150
>CDKN2A-V5 QVMMMGS/	3344	>CDKN2A-V5 QVMMMGS/	253	3091
>CDKN2A-V5 QVMMMGS/	3451	>CDKN2A-V5 QVMMMGS/	96	3355
>CDKN2A-V5 QVMMMGS/	5749	>CDKN2A-V5 QVMMMGS/	143	5606
>CDKN2A-V8 PVHDAAREG	8635	>CDKN2A-V8 PLHDAAREGF	88	8547
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>CDKN2A-V8 RPHDAAREC	58	>CDKN2A-V8 RPLHDAAREC	89	31
>CDKN2A-V8 RPHDAAREC	287	>CDKN2A-V8 RPLHDAAREC	171	116
>CDKN2A-V8 RPHDAAREC	112	>CDKN2A-V8 RPLHDAAREC	236	124
>CDKN2A-V8 RPHDAAR	319	>CDKN2A-V8 RPLHDAAR	217	102
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>CDKN2A-V8 LTRPVHDAAF	47	>CDKN2A-V8 LTRPLHDAAR	65	18
>CDKN2A-V8 LTRPVHDAAF	827	>CDKN2A-V8 LTRPLHDAAR	457	370
>CDKN2A-V8 TLTRPVHDAA	280	>CDKN2A-V8 TLTRPLHDAA	592	312
>CDKN2A-V8 TLTRPVHDA	12	>CDKN2A-V8 TLTRPLHDA	13	1
>CDKN2A-V8 TLTRPVHDAA	88	>CDKN2A-V8 TLTRPLHDAA	91	3
>CDKN2A-V8 TLTRPVHDAA	159	>CDKN2A-V8 TLTRPLHDAA	135	24
>CDKN2A-V8 TLTRPVHDAA	411	>CDKN2A-V8 TLTRPLHDAA	299	112
>CDKN2A-V8 TLTRPVHDAA	68	>CDKN2A-V8 TLTRPLHDAA	86	18
>CDKN2A-V8 ATLTRPVHDA	506	>CDKN2A-V8 ATLTRPLHDA	401	105
>CDKN2A-V8 ATLTRPVH	1032	>CDKN2A-V8 ATLTRPLH	451	581
>CDKN2A-V8 DPATLTRPV	485	>CDKN2A-V8 DPATLTRPL	4440	3955
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>CDKN2A-V8 DPATLTRPV	149	>CDKN2A-V8 DPATLTRPL	33	116
>CDKN2A-V8 DPATLTRPV	668	>CDKN2A-V8 DPATLTRPL	86	582
>CDKN2A-V8 ADPATLTRPV	498	>CDKN2A-V8 ADPATLTRPL	3036	2538
>CDKN2A-V8 VHDAAREGF	1646	>CDKN2A-V8 MHDAAREGF	101	1545
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>CDKN2A-V8 PVHDAAREG	11050	>CDKN2A-V8 PMHDAAREC	282	10768
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>CDKN2A-V8 RPHDAARE	112	>CDKN2A-V8 RPMHDAARE	146	34
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>CDKN2A-V8 LTRPVHDA	48	>CDKN2A-V8 LTRPMHDA	39	9
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>CDKN2A-V8 LTRPVHDAF	47	>CDKN2A-V8 LTRPMHDA	62	15
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>CDKN2A-V8 DPATLTRPV	485	>CDKN2A-V8 DPATLTRPM	12371	11886
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>CDKN2A-V9 VVLRAGAR	225	>CDKN2A-V9 AVLHRAGAR	123	102
>CDKN2A-V9 VVLRAGARI	129	>CDKN2A-V9 AVLHRAGARI	139	10
>CDKN2A-V9 LVVLRAGAF	250	>CDKN2A-V9 LAVLHRAGAF	262	12
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>CDKN2A-V9 LVVLRAGAF	287	>CDKN2A-V9 LAVLHRAGAF	538	251
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>CDKN2A-V9 AAREGFLDTL	408	>CDKN2A-V9 AAREGFLDTL	3144	2736
>CDKN2A-V9 AAREGFLDTL	252	>CDKN2A-V9 AAREGFLDTL	12430	12178
>CDKN2A-V9 AAREGFLDTL	203	>CDKN2A-V9 AAREGFLDTL	112	91
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>CDKN2A-V9 TLVVLHRA	1043	>CDKN2A-V9 TLAVLHRA	454	589
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>CDKN2A-V9 TLVVLHRA	240	>CDKN2A-V9 TLAVLHRA	187	53
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>CDKN2A-V9 TLVVLHRA	59	>CDKN2A-V9 TLAVLHRA	32	27
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>CDKN2A-V9 TLVVLHRA	209	>CDKN2A-V9 TLAVLHRA	206	3
>CDKN2A-V9 TLVVLHRA	185	>CDKN2A-V9 TLAVLHRA	93	92

>CDKN2A-V9 DTLVVLHR	277	>CDKN2A-V9 DTLAVLHR	336	59
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>CDKN2A-V9 DTLVVLHR	16	>CDKN2A-V9 DTLAVLHR	14	2
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>CDKN2A-V9 DTLVVLHRA	46	>CDKN2A-V9 DTLAVLHRA	20	26
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>CDKN2A-V9 EGFLDTLVV	1222	>CDKN2A-V9 EGFLDTLAV	412	810
>CDKN2A-V9 REGFLDTLV	213	>CDKN2A-V9 REGFLDTLA	4927	4714
>CDKN2A-V9 REGFLDTLVV	14	>CDKN2A-V9 REGFLDTLAV	18	4
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>CDKN2A-V9 REGFLDTLVV	264	>CDKN2A-V9 REGFLDTLAV	159	105
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>CDKN2A-V9 VVLHRAGAR	225	>CDKN2A-V9 LVLHRAGAR	166	59
>CDKN2A-V9 VVLHRAGAR	576	>CDKN2A-V9 LVLHRAGAR	363	213
>CDKN2A-V9 VVLHRAGAR	1012	>CDKN2A-V9 LVLHRAGAR	450	562
>CDKN2A-V9 VVLHRAGARI	129	>CDKN2A-V9 LVLHRAGARL	151	22
>CDKN2A-V9 LVVLHRAGAF	250	>CDKN2A-V9 LLVLHRAGAR	1220	970
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>CDKN2A-V9 LVVLHRAGA	585	>CDKN2A-V9 LLVLHRAGA	36	549
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>CDKN2A-V9 LVVLHRAGAF	927	>CDKN2A-V9 LLVLHRAGAR	11	916
>CDKN2A-V9 LVVLHRAGAF	127	>CDKN2A-V9 LLVLHRAGAR	160	33
>CDKN2A-V9 LVVLHRAGAF	287	>CDKN2A-V9 LLVLHRAGAR	2656	2369
>CDKN2A-V9 LVVLHRAGAF	435	>CDKN2A-V9 LLVLHRAGAR	2569	2134
>CDKN2A-V9 AAREGFLDTL	408	>CDKN2A-V9 AAREGFLDTL	2068	1660
>CDKN2A-V9 AAREGFLDTL	252	>CDKN2A-V9 AAREGFLDTL	4894	4642
>CDKN2A-V9 AAREGFLDTL	203	>CDKN2A-V9 AAREGFLDTL	322	119
>CDKN2A-V9 AAREGFLDTL	2939	>CDKN2A-V9 AAREGFLDTL	85	2854
>CDKN2A-V9 TLVVLHRA	433	>CDKN2A-V9 TLLVLHRA	956	523
>CDKN2A-V9 TLVVLHRA	247	>CDKN2A-V9 TLLVLHRA	680	433
>CDKN2A-V9 TLVVLHRAGA	240	>CDKN2A-V9 TLLVLHRAGA	180	60
>CDKN2A-V9 TLVVLHRA	426	>CDKN2A-V9 TLLVLHRA	71	355
>CDKN2A-V9 TLVVLHRA	1412	>CDKN2A-V9 TLLVLHRA	157	1255
>CDKN2A-V9 TLVVLHRA	59	>CDKN2A-V9 TLLVLHRA	36	23
>CDKN2A-V9 TLVVLHRAGA	465	>CDKN2A-V9 TLLVLHRAGA	235	230
>CDKN2A-V9 TLVVLHRAGA	209	>CDKN2A-V9 TLLVLHRAGA	85	124
>CDKN2A-V9 TLVVLHRAGA	534	>CDKN2A-V9 TLLVLHRAGA	189	345
>CDKN2A-V9 TLVVLHRAGA	185	>CDKN2A-V9 TLLVLHRAGA	765	580
>CDKN2A-V9 DTLVVLHR	277	>CDKN2A-V9 DTLLVLHR	444	167
>CDKN2A-V9 DTLVVLHR	9	>CDKN2A-V9 DTLLVLHR	9	0
>CDKN2A-V9 DTLVVLHR	16	>CDKN2A-V9 DTLLVLHR	23	7
>CDKN2A-V9 DTLVVLHRA	178	>CDKN2A-V9 DTLLVLHRA	188	10
>CDKN2A-V9 DTLVVLHRAC	197	>CDKN2A-V9 DTLLVLHRAG	203	6
>CDKN2A-V9 DTLVVLHRA	46	>CDKN2A-V9 DTLLVLHRA	65	19
>CDKN2A-V9 DTLVVLHRAC	65	>CDKN2A-V9 DTLLVLHRAG	84	19

>CDKN2A-V9 FLDTLVVL	12	>CDKN2A-V9 FLDTLLVL	12	0
>CDKN2A-V9 FLDTLVVLHR,	12	>CDKN2A-V9 FLDTLLVLHR/	12	0
>CDKN2A-V9 FLDTLVVL	9	>CDKN2A-V9 FLDTLLVL	13	4
>CDKN2A-V9 FLDTLVVLHR,	7	>CDKN2A-V9 FLDTLLVLHR/	6	1
>CDKN2A-V9 FLDTLVVL	74	>CDKN2A-V9 FLDTLLVL	84	10
>CDKN2A-V9 FLDTLVVLHR,	24	>CDKN2A-V9 FLDTLLVLHR/	26	2
>CDKN2A-V9 FLDTLVVL	37	>CDKN2A-V9 FLDTLLVL	25	12
>CDKN2A-V9 FLDTLVVLHR,	68	>CDKN2A-V9 FLDTLLVLHR/	39	29
>CDKN2A-V9 FLDTLVVL	3	>CDKN2A-V9 FLDTLLVL	4	1
>CDKN2A-V9 FLDTLVVLHR,	3	>CDKN2A-V9 FLDTLLVLHR/	4	1
>CDKN2A-V9 FLDTLVVL	4	>CDKN2A-V9 FLDTLLVL	4	0
>CDKN2A-V9 FLDTLVVLHR,	9	>CDKN2A-V9 FLDTLLVLHR/	8	1
>CDKN2A-V9 FLDTLVVL	7	>CDKN2A-V9 FLDTLLVL	8	1
>CDKN2A-V9 FLDTLVVLHR,	8	>CDKN2A-V9 FLDTLLVLHR/	9	1
>CDKN2A-V9 FLDTLVVL	8	>CDKN2A-V9 FLDTLLVL	11	3
>CDKN2A-V9 FLDTLVVLHR,	19	>CDKN2A-V9 FLDTLLVLHR/	27	8
>CDKN2A-V9 FLDTLVVL	3	>CDKN2A-V9 FLDTLLVL	3	0
>CDKN2A-V9 FLDTLVVLHR,	3	>CDKN2A-V9 FLDTLLVLHR/	3	0
>CDKN2A-V9 FLDTLVVLHR	354	>CDKN2A-V9 FLDTLLVLHR	744	390
>CDKN2A-V9 FLDTLVVL	52	>CDKN2A-V9 FLDTLLVL	118	66
>CDKN2A-V9 FLDTLVVLHR	272	>CDKN2A-V9 FLDTLLVLHR	242	30
>CDKN2A-V9 GFLDTLVV	313	>CDKN2A-V9 GFLDTLLV	315	2
>CDKN2A-V9 GFLDTLVV	494	>CDKN2A-V9 GFLDTLLV	815	321
>CDKN2A-V9 GFLDTLVV	110	>CDKN2A-V9 GFLDTLLV	80	30
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>CDKN2A-V9 GFLDTLVVL	298	>CDKN2A-V9 GFLDTLLVL	448	150
>CDKN2A-V9 GFLDTLVVL	75	>CDKN2A-V9 GFLDTLLVL	109	34
>CDKN2A-V9 GFLDTLVV	4075	>CDKN2A-V9 GFLDTLLV	494	3581
>CDKN2A-V9 GFLDTLVVLH	38	>CDKN2A-V9 GFLDTLLVLHI	56	18
>CDKN2A-V9 GFLDTLVVLH	421	>CDKN2A-V9 GFLDTLLVLHI	698	277
>CDKN2A-V9 GFLDTLVVLH	77	>CDKN2A-V9 GFLDTLLVLHI	51	26
>CDKN2A-V9 GFLDTLVVL	1084	>CDKN2A-V9 GFLDTLLVL	362	722
>CDKN2A-V9 EGFLDTLV	135	>CDKN2A-V9 EGFLDTLL	1412	1277
>CDKN2A-V9 EGFLDTLVV	1222	>CDKN2A-V9 EGFLDTLLV	326	896
>CDKN2A-V9 REGFLDTLV	213	>CDKN2A-V9 REGFLDTLL	27	186
>CDKN2A-V9 REGFLDTLVV	14	>CDKN2A-V9 REGFLDTLLVI	17	3
>CDKN2A-V9 REGFLDTLV	208	>CDKN2A-V9 REGFLDTLL	78	130
>CDKN2A-V9 REGFLDTLVV	264	>CDKN2A-V9 REGFLDTLLV	231	33
>CDKN2A-V9 REGFLDTLVV	63	>CDKN2A-V9 REGFLDTLLVI	39	24
>CDKN2A-V9 REGFLDTLV	35	>CDKN2A-V9 REGFLDTLL	76	41
>CDKN2A-V9 REGFLDTLVV	89	>CDKN2A-V9 REGFLDTLLV	72	17
>CDKN2A-V9 REGFLDTLVV	68	>CDKN2A-V9 REGFLDTLLVI	85	17
>CDKN2A-V9 AREGFLDTLV	707	>CDKN2A-V9 AREGFLDTLL	65	642

>CDKN2A-V9 AREGFLDTLV	691	>CDKN2A-V9 AREGFLDTLL	440	251
>CDKN2A-V9 AREGFLDTLV	642	>CDKN2A-V9 AREGFLDTLL	253	389
>CDKN2A-W: AWGRLPVDL	474	>CDKN2A-W: ACGRLPVDL	21690	21216
>CDKN2A-W: AWGRLPVDL	403	>CDKN2A-W: ACGRLPVDL	38843	38440
>CDKN2A-W: AWGRLPVDL	156	>CDKN2A-W: ACGRLPVDLA	29067	28911
>CDKN2A-W: AGARLDVRD,	289	>CDKN2A-W: AGARLDVRD,	21782	21493
>CDKN2A-W: DAWGRLPV	260	>CDKN2A-W: DACGRLPV	870	610
>CDKN2A-W: DAWGRLPV	24	>CDKN2A-W: DACGRLPV	1140	1116
>CDKN2A-W: VRDAWGRLP	489	>CDKN2A-W: VRDACGRLP	1251	762
>CDKN2A-W: DVRDAWGRI	456	>CDKN2A-W: DVRDACGRL	1706	1250
>CDKN2A-W: DVRDAWGRI	277	>CDKN2A-W: DVRDACGRLI	629	352
>CDKN2A-W: DVRDAWGR	17	>CDKN2A-W: DVRDACGR	39	22
>CDKN2A-W: DVRDAWGR	62	>CDKN2A-W: DVRDACGR	66	4
>CDKN2A-W: DVRDAWGRI	208	>CDKN2A-W: DVRDACGRLI	292	84
>CDKN2A-W: DVRDAWGRI	198	>CDKN2A-W: DVRDACGRLI	286	88
>CDKN2A-W: LDVRDAWGF	477	>CDKN2A-W: LDVRDACGRI	768	291
>CDKN2A-W: RLDVRDAWC	122	>CDKN2A-W: RLDVRDACGI	372	250
>CDKN2A-W: RLDVRDAWC	227	>CDKN2A-W: RLDVRDACGI	470	243
>CDKN2A-W: RLDVRDAWC	91	>CDKN2A-W: RLDVRDACGI	114	23
>CDKN2A-W: RLDVRDAWC	120	>CDKN2A-W: RLDVRDACGI	233	113
>CDKN2A-W: RLDVRDAW	274	>CDKN2A-W: RLDVRDAC	22047	21773
>CDKN2A-W: RLDVRDAWC	92	>CDKN2A-W: RLDVRDACGI	193	101
>CDKN2A-W: RLDVRDAWC	293	>CDKN2A-W: RLDVRDACGI	488	195
>CDKN2A-W: ARLDVRDAW	89	>CDKN2A-W: ARLDVRDAC	179	90
>CDKN2A-W: ARLDVRDAW	117	>CDKN2A-W: ARLDVRDAC	33818	33701
>CDKN2A-W: GARLDVRDA'	457	>CDKN2A-W: GARLDVRDA'	24868	24411
>CDKN2A-W: WLATAAARG	336	>CDKN2A-W: LLATAAARGR	312	24
>CDKN2A-W: WLATAAARG	22	>CDKN2A-W: LLATAAARGR	17	5
>CDKN2A-W: WLATAAARG	8	>CDKN2A-W: LLATAAARGR	8	0
>CDKN2A-W: WLATAAARG	125	>CDKN2A-W: LLATAAARGR	324	199
>CDKN2A-W: WLATAAARG	25	>CDKN2A-W: LLATAAARGR	28	3
>CDKN2A-W: WLATAAARG	244	>CDKN2A-W: LLATAAARGR	241	3
>CDKN2A-W: WLATAAARG	27	>CDKN2A-W: LLATAAARGR	31	4
>CDKN2A-W: WLATAAARG	23	>CDKN2A-W: LLATAAARGR	55	32
>CDKN2A-W: WLATAAARG	3	>CDKN2A-W: LLATAAARGR	3	0
>CDKN2A-W: WLATAAAR	3575	>CDKN2A-W: LLATAAAR	398	3177
>CDKN2A-W: WLATAAARG	1804	>CDKN2A-W: LLATAAARGR	348	1456
>CDKN2A-W: WLATAAAR	68	>CDKN2A-W: LLATAAAR	51	17
>CDKN2A-W: WLATAAARG	37	>CDKN2A-W: LLATAAARGR	203	166
>CDKN2A-W: WLATAAARG	350	>CDKN2A-W: LLATAAARGR	1829	1479
>CDKN2A-W: WLATAAARG	58	>CDKN2A-W: LLATAAARGR	914	856
>CDKN2A-W: WLATAAAR	328	>CDKN2A-W: LLATAAAR	842	514
>CDKN2A-W: DWLATAAA	25309	>CDKN2A-W: DLLATAAA	333	24976

>CDKN2A-W:DWLATAAA	20647	>CDKN2A-W:DLLATAAA	154	20493
>CDKN2A-W:DWLATAAA	35499	>CDKN2A-W:DLLATAAA	431	35068
>CDKN2A-W:DWLATAAAR	119	>CDKN2A-W:DLLATAAAR	37	82
>CDKN2A-W:DWLATAAAR	781	>CDKN2A-W:DLLATAAARC	331	450
>CDKN2A-W:DWLATAAAR	2629	>CDKN2A-W:DLLATAAAR	113	2516
>CDKN2A-W:DWLATAAAR	5743	>CDKN2A-W:DLLATAAARC	415	5328
>CDKN2A-W:DWLATAAA	10040	>CDKN2A-W:DLLATAAA	228	9812
>CDKN2A-W:DWLATAAAR	23	>CDKN2A-W:DLLATAAAR	828	805
>CDKN2A-W:DWLATAAAR	30	>CDKN2A-W:DLLATAAARC	1075	1045
>CDKN2A-W:DWLATAAA	205	>CDKN2A-W:DLLATAAA	27866	27661
>CDKN2A-W:DWLATAAAR	450	>CDKN2A-W:DLLATAAAR	31850	31400
>CDKN2A-W:AGSSMEPSAI	465	>CDKN2A-W:AGSSMEPSAI	8699	8234
>CDKN2A-W:SADWLATAA	83	>CDKN2A-W:SADLLATAAA	325	242
>CDKN2A-W:SADWLATAA	491	>CDKN2A-W:SADLLATAA	5330	4839
>CDKN2A-W:SADWLATAA	283	>CDKN2A-W:SADLLATAAA	2695	2412
>CDKN2A-W:EPSADWLAT	30	>CDKN2A-W:EPSADLLAT	86	56
>CDKN2A-W:EPSADWLAT/	31	>CDKN2A-W:EPSADLLATA	61	30
>CDKN2A-W:EPSADWLAT/	685	>CDKN2A-W:EPSADLLATA	411	274
>CDKN2A-W:EPSADWLAT/	270	>CDKN2A-W:EPSADLLATA	279	9
>CDKN2A-W:MEPSADWL	777	>CDKN2A-W:MEPSADLL	146	631
>CDKN2A-W:MEPSADWL	182	>CDKN2A-W:MEPSADLL	160	22
>CDKN2A-W:SMEPSADWL	188	>CDKN2A-W:SMEPSADLLA	537	349
>CDKN2A-W:SMEPSADW	23108	>CDKN2A-W:SMEPSADL	283	22825
>CDKN2A-W:SMEPSADWL	53	>CDKN2A-W:SMEPSADLL	39	14
>CDKN2A-W:SMEPSADWL	218	>CDKN2A-W:SMEPSADLLA	259	41
>CDKN2A-W:SMEPSADWL	464	>CDKN2A-W:SMEPSADLLA	959	495
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>CDKN2A-W:SMEPSADWL	265	>CDKN2A-W:SMEPSADLLA	1789	1524
>CDKN2A-W:SMEPSADW	23803	>CDKN2A-W:SMEPSADL	260	23543
>CDKN2A-W:SMEPSADWL	443	>CDKN2A-W:SMEPSADLL	279	164
>CDKN2A-W:SMEPSADWL	257	>CDKN2A-W:SMEPSADLLA	3160	2903
>CDKN2A-W:SMEPSADWL	332	>CDKN2A-W:SMEPSADLL	448	116
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>CDKN2A-W:SMEPSADWL	17	>CDKN2A-W:SMEPSADLL	35	18
>CDKN2A-W:SMEPSADWL	24	>CDKN2A-W:SMEPSADLLA	112	88
>CDKN2A-W:SMEPSADW	98	>CDKN2A-W:SMEPSADL	3784	3686
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>CDKN2A-W:SSMEPSADW	418	>CDKN2A-W:SSMEPSADLL	3048	2630
>CDKN2A-W:SSMEPSADW	21450	>CDKN2A-W:SSMEPSADL	201	21249
>CDKN2A-W:SSMEPSADW	286	>CDKN2A-W:SSMEPSADLL	127	159
>CDKN2A-W:SSMEPSADW	56	>CDKN2A-W:SSMEPSADLL	313	257
>CDKN2A-W:SSMEPSADW	13263	>CDKN2A-W:SSMEPSADL	156	13107

>CDKN2A-W:SSMEPSADW	295	>CDKN2A-W:SSMEPSADLL	258	37
>CDKN2A-W:SSMEPSADW	363	>CDKN2A-W:SSMEPSADLL	1034	671
>CDKN2A-W:SSMEPSADW	4	>CDKN2A-W:SSMEPSADL	11	7
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>CDKN2A-W:SSMEPSADW	56	>CDKN2A-W:SSMEPSADL	13008	12952
>CDKN2A-W:SSMEPSADW	27	>CDKN2A-W:SSMEPSADL	10267	10240
>CDKN2A-W:SSMEPSADW	192	>CDKN2A-W:SSMEPSADLL	119	73
>CDKN2A-W:SSMEPSADW	396	>CDKN2A-W:SSMEPSADLL	1081	685
>CDKN2A-W:SSMEPSADW	32198	>CDKN2A-W:SSMEPSADL	205	31993
>CDKN2A-W:GSSMEPSADL	13	>CDKN2A-W:GSSMEPSADI	137	124
>CDKN2A-W:GSSMEPSADL	96	>CDKN2A-W:GSSMEPSADI	232	136
>CDKN2A-W:GSSMEPSADL	179	>CDKN2A-W:GSSMEPSADI	20357	20178
>CDKN2A-W:GSSMEPSADL	81	>CDKN2A-W:GSSMEPSADI	15749	15668
>CDKN2A-W:GSSMEPSADL	4005	>CDKN2A-W:GSSMEPSADI	336	3669
>CDKN2A-W:GSSMEPSADL	152	>CDKN2A-W:GSSMEPSADI	115	37
>CDKN2A-Y1 YLRAAAGGT	48	>CDKN2A-Y1 CLRAAAGGT	1462	1414
>CDKN2A-Y1 YLRAAAGGT	128	>CDKN2A-Y1 CLRAAAGGT	13282	13154
>CDKN2A-Y1 YLRAAAGGTF	231	>CDKN2A-Y1 CLRAAAGGTF	442	211
>CDKN2A-Y1 RYLRAAAG	414	>CDKN2A-Y1 RCLRAAAG	20726	20312
>CDKN2A-Y1 RYLRAAAGG	436	>CDKN2A-Y1 RCLRAAAGG	21030	20594
>CDKN2A-Y1 RYLRAAAGGT	218	>CDKN2A-Y1 RCLRAAAGGT	21437	21219
>CDKN2A-Y1 RYLRAAAGGT	128	>CDKN2A-Y1 RCLRAAAGGT	21152	21024
>CDKN2A-Y1 RYLRAAAG	239	>CDKN2A-Y1 RCLRAAAG	2725	2486
>CDKN2A-Y1 RYLRAAAGG	315	>CDKN2A-Y1 RCLRAAAGG	3024	2709
>CDKN2A-Y1 RYLRAAAGGT	96	>CDKN2A-Y1 RCLRAAAGGT	1254	1158
>CDKN2A-Y1 RYLRAAAGGT	24	>CDKN2A-Y1 RCLRAAAGGT	532	508
>CDKN2A-Y1 RYLRAAAGGT	33	>CDKN2A-Y1 RCLRAAAGGT	193	160
>CDKN2A-Y1 EELGHRDVAF	86	>CDKN2A-Y1 EELGHRDVAF	24028	23942
>CDKN2A-Y1 EELGHRDVAF	177	>CDKN2A-Y1 EELGHRDVAF	13454	13277
>CDKN2A-Y1 EELGHRDVAF	121	>CDKN2A-Y1 EELGHRDVAF	4734	4613
>CDKN2A-Y1 EELGHRDVAF	940	>CDKN2A-Y1 EELGHRDVAF	446	494
>CDKN2A-Y1 ARYLRAAA	195	>CDKN2A-Y1 ARCLRAAA	4243	4048
>CDKN2A-Y1 ARYLRAAAGC	321	>CDKN2A-Y1 ARCLRAAAGC	5625	5304
>CDKN2A-Y1 ARYLRAAA	428	>CDKN2A-Y1 ARCLRAAA	5865	5437
>CDKN2A-Y1 VARYLRAA	137	>CDKN2A-Y1 VARCLRAA	220	83
>CDKN2A-Y1 VARYLRAAA	38	>CDKN2A-Y1 VARCLRAAA	47	9
>CDKN2A-Y1 VARYLRAAA	284	>CDKN2A-Y1 VARCLRAAA	434	150
>CDKN2A-Y1 DVARYLRAA/	376	>CDKN2A-Y1 DVARCLRAA/	794	418
>CDKN2A-Y1 RDVARYLR	243	>CDKN2A-Y1 RDVARCLR	1246	1003
>CDKN2A-Y1 RDVARYLR	79	>CDKN2A-Y1 RDVARCLR	156	77
>CDKN2A-Y1 HRDVARYLR	203	>CDKN2A-Y1 HRDVARCLR	841	638
>CDKN2A-Y1 HRDVARYLR/	122	>CDKN2A-Y1 HRDVARCLR/	286	164
>CDKN2A-Y1 HRDVARYL	175	>CDKN2A-Y1 HRDVARCL	61	114



>CDKN2A-Y1 HRDVARYLR	370	>CDKN2A-Y1 HRDVARCLR	1381	1011
>CDKN2A-Y1 GHRDVARYLFI	282	>CDKN2A-Y1 GHRDVARCLI	432	150
>CDKN2A-Y1 LGHRDVARY	415	>CDKN2A-Y1 LGHRDVARC	34162	33747
>CDKN2A-Y1 LGHRDVARYI	152	>CDKN2A-Y1 LGHRDVARCI	487	335
>CDKN2A-Y1 LGHRDVARY	409	>CDKN2A-Y1 LGHRDVARC	21875	21466
>CDKN2A-Y1 ELGHRDVAR)	382	>CDKN2A-Y1 ELGHRDVARC	3651	3269
>CDKN2A-Y1 ELGHRDVAR)	477	>CDKN2A-Y1 ELGHRDVARC	1814	1337
>CDKN2A-Y1 ELGHRDVAR)	274	>CDKN2A-Y1 ELGHRDVARC	28939	28665
>CDKN2A-Y1 ELGHRDVAR)	413	>CDKN2A-Y1 ELGHRDVARC	31986	31573
>CDKN2A-Y1 YLRAAAGGT	48	>CDKN2A-Y1 HLRAAAGGT	1221	1173
>CDKN2A-Y1 YLRAAAGGT	128	>CDKN2A-Y1 HLRAAAGGT	6880	6752
>CDKN2A-Y1 YLRAAAGG	3023	>CDKN2A-Y1 HLRAAAGG	192	2831
>CDKN2A-Y1 YLRAAAGGTF	1207	>CDKN2A-Y1 HLRAAAGGTI	49	1158
>CDKN2A-Y1 YLRAAAGGTF	231	>CDKN2A-Y1 HLRAAAGGTI	405	174
>CDKN2A-Y1 RYLRAAAG	414	>CDKN2A-Y1 RHLRAAAG	16918	16504
>CDKN2A-Y1 RYLRAAAGG	436	>CDKN2A-Y1 RHLRAAAGG	17387	16951
>CDKN2A-Y1 RYLRAAAGG	218	>CDKN2A-Y1 RHLRAAAGG	17966	17748
>CDKN2A-Y1 RYLRAAAGG	128	>CDKN2A-Y1 RHLRAAAGG	17034	16906
>CDKN2A-Y1 RYLRAAAG	239	>CDKN2A-Y1 RHLRAAAG	10852	10613
>CDKN2A-Y1 RYLRAAAGG	315	>CDKN2A-Y1 RHLRAAAGG	11320	11005
>CDKN2A-Y1 RYLRAAAGG	96	>CDKN2A-Y1 RHLRAAAGG	8630	8534
>CDKN2A-Y1 RYLRAAAGG	24	>CDKN2A-Y1 RHLRAAAGG	2256	2232
>CDKN2A-Y1 RYLRAAAGG	33	>CDKN2A-Y1 RHLRAAAGG	546	513
>CDKN2A-Y1 EELGHRDVAF	86	>CDKN2A-Y1 EELGHRDVAF	7193	7107
>CDKN2A-Y1 EELGHRDVAF	177	>CDKN2A-Y1 EELGHRDVAF	5735	5558
>CDKN2A-Y1 EELGHRDVAF	121	>CDKN2A-Y1 EELGHRDVAF	2207	2086
>CDKN2A-Y1 ARYLRAAA	195	>CDKN2A-Y1 ARHLRAAA	785	590
>CDKN2A-Y1 ARYLRAAAG	321	>CDKN2A-Y1 ARHLRAAAG	1189	868
>CDKN2A-Y1 ARYLRAAA	428	>CDKN2A-Y1 ARHLRAAA	2347	1919
>CDKN2A-Y1 VARYLRAA	137	>CDKN2A-Y1 VARHLRAA	115	22
>CDKN2A-Y1 VARYLRAAA	38	>CDKN2A-Y1 VARHLRAAA	35	3
>CDKN2A-Y1 VARYLRAAA	284	>CDKN2A-Y1 VARHLRAAA	196	88
>CDKN2A-Y1 DVARYLRAA	1041	>CDKN2A-Y1 DVARHLRAA	313	728
>CDKN2A-Y1 DVARYLRAA	376	>CDKN2A-Y1 DVARHLRAA	1349	973
>CDKN2A-Y1 RDVARYLR	243	>CDKN2A-Y1 RDVARHLR	417	174
>CDKN2A-Y1 RDVARYLR	79	>CDKN2A-Y1 RDVARHLR	134	55
>CDKN2A-Y1 HRDVARYL	531	>CDKN2A-Y1 HRDVARHL	326	205
>CDKN2A-Y1 HRDVARYLR	203	>CDKN2A-Y1 HRDVARHLR	237	34
>CDKN2A-Y1 HRDVARYLR	122	>CDKN2A-Y1 HRDVARHLR	122	0
>CDKN2A-Y1 HRDVARYL	175	>CDKN2A-Y1 HRDVARHL	206	31
>CDKN2A-Y1 HRDVARYLR	370	>CDKN2A-Y1 HRDVARHLR	1087	717
>CDKN2A-Y1 GHRDVARYLFI	282	>CDKN2A-Y1 GHRDVARHLI	474	192
>CDKN2A-Y1 LGHRDVARY	415	>CDKN2A-Y1 LGHRDVARH	24359	23944

>CDKN2A-Y1 LGHRDVARYI	152	>CDKN2A-Y1 LGHRDVARH	266	114
>CDKN2A-Y1 LGHRDVARY	409	>CDKN2A-Y1 LGHRDVARH	16151	15742
>CDKN2A-Y1 ELGHRDVARY	382	>CDKN2A-Y1 ELGHRDVARH	2033	1651
>CDKN2A-Y1 ELGHRDVARY	477	>CDKN2A-Y1 ELGHRDVARH	936	459
>CDKN2A-Y1 ELGHRDVARY	274	>CDKN2A-Y1 ELGHRDVARH	10033	9759
>CDKN2A-Y1 ELGHRDVARY	413	>CDKN2A-Y1 ELGHRDVARH	25695	25282
>CDKN2A-Y4 YGRRPIQV	1266	>CDKN2A-Y4 SGRRPIQV	179	1087
>CDKN2A-Y4 YGRRPIQVMI	1516	>CDKN2A-Y4 SGRRPIQVMI	215	1301
>CDKN2A-Y4 YGRRPIQVM	395	>CDKN2A-Y4 SGRRPIQVM	1344	949
>CDKN2A-Y4 YGRRPIQVM	343	>CDKN2A-Y4 SGRRPIQVM	1269	926
>CDKN2A-Y4 YGRRPIQVM	262	>CDKN2A-Y4 SGRRPIQVM	1707	1445
>CDKN2A-Y4 YGRRPIQVMI	425	>CDKN2A-Y4 SGRRPIQVMI	2363	1938
>CDKN2A-Y4 YGRRPIQVM	44	>CDKN2A-Y4 SGRRPIQVM	84	40
>CDKN2A-Y4 YGRRPIQVMI	45	>CDKN2A-Y4 SGRRPIQVMI	57	12
>CDKN2A-Y4 YGRRPIQVMI	37	>CDKN2A-Y4 SGRRPIQVMI	71	34
>CDKN2A-Y4 SYGRRPIQVM	136	>CDKN2A-Y4 SSGRRPIQVM	23001	22865
>CDKN2A-Y4 SYGRRPIQVM	74	>CDKN2A-Y4 SSGRRPIQVM	21466	21392
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>CDKN2A-Y4 AGALPNAPN	136	>CDKN2A-Y4 AGALPNAPN	24863	24727
>CDKN2A-Y4 NSYGRRPIQV	264	>CDKN2A-Y4 NSSGRRPIQV	10923	10659
>CDKN2A-Y4 NSYGRRPIQV	485	>CDKN2A-Y4 NSSGRRPIQV	2154	1669
>CDKN2A-Y4 NSYGRRPIQV	408	>CDKN2A-Y4 NSSGRRPIQV	3153	2745
>CDKN2A-Y4 NSYGRRPIQV	132	>CDKN2A-Y4 NSSGRRPIQV	1610	1478
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>CDKN2A-Y4 NAPNSYGRR	147	>CDKN2A-Y4 NAPNSSGRR	167	20
>CDKN2A-Y4 NAPNSYGRR	266	>CDKN2A-Y4 NAPNSSGRR	348	82
>CDKN2A-Y4 PNAPNSYGR	320	>CDKN2A-Y4 PNAPNSSGR	7767	7447
>CDKN2A-Y4 LPNAPNSYGF	472	>CDKN2A-Y4 LPNAPNSSGF	1188	716
>CDKN2A-Y4 LPNAPNSY	11	>CDKN2A-Y4 LPNAPNSS	930	919
>CDKN2A-Y4 LPNAPNSY	51	>CDKN2A-Y4 LPNAPNSS	12778	12727
>CDKN2A-Y4 LPNAPNSY	776	>CDKN2A-Y4 LPNAPNSS	92	684
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>CDKN2A-Y4 LPNAPNSY	58	>CDKN2A-Y4 LPNAPNSS	12314	12256
>CDKN2A-Y4 ALPNAPNSY	181	>CDKN2A-Y4 ALPNAPNSS	20874	20693
>CDKN2A-Y4 ALPNAPNSY	281	>CDKN2A-Y4 ALPNAPNSS	17917	17636
>CDKN2A-Y4 ALPNAPNSY	358	>CDKN2A-Y4 ALPNAPNSS	26825	26467
>CDKN2A-Y4 ALPNAPNSY	305	>CDKN2A-Y4 ALPNAPNSS	13619	13314
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>CDKN2C-A4 RTALQVMK	15	>CDKN2C-A4 RTGLQVMK	26	11
>CDKN2C-A4 RTALQVMK	17	>CDKN2C-A4 RTGLQVMK	33	16
>CDKN2C-A4 RTALQVMKL	409	>CDKN2C-A4 RTGLQVMKL	1024	615
>CDKN2C-A4 RTALQVMK	175	>CDKN2C-A4 RTGLQVMK	323	148
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>CDKN2C-A4 RTALQVMKL	131	>CDKN2C-A4 RTGLQVMKL	1521	1390
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>CDKN2C-A4 RTALQVMKL	452	>CDKN2C-A4 RTGLQVMKL	2165	1713
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>CDKN2C-D6 DLKDRTGFA\	5466	>CDKN2C-D6 NLKDRTGFA\	443	5023
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>CDKN2C-D6 DLKDRTGFAV	387	>CDKN2C-D6 NLKDRTGFAV	120	267
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>CDKN2C-D6 RRRLLRGANP	382	>CDKN2C-D6 RRRLLRGANP	145	237
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>CDKN2C-D6 NPDLDKRTGF	265	>CDKN2C-D6 NPNLDKRTGF	146	119
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>CDKN2C-D6 RLLLRGANPD	51	>CDKN2C-D6 RLLLRGANPN	31	20
>CDKN2C-D6 RLLLRGANPD	431	>CDKN2C-D6 RLLLRGANPN	75	356
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>CDKN2C-D6 RLLLRGANPD	2082	>CDKN2C-D6 RLLLRGANPN	487	1595
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>CDKN2C-M: MAEPWGNEI	327	>CDKN2C-M: IAEPWGNEL	320	7
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>CDKN2C-M: MAEPWGNEI	357	>CDKN2C-M: IAEPWGNEL	4004	3647
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>CEBPA-A17{ ALAGLFPY	14	>CEBPA-A17{ ALVGLFPY	20	6
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>CEBPA-A17{ LALAGLFPY	25	>CEBPA-A17{ LALVGLFPY	33	8
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>CEBPA-A17{ LALAGLFPY	176	>CEBPA-A17{ LALVGLFPY	745	569
>CEBPA-A17{ LALAGLFPY	94	>CEBPA-A17{ LALVGLFPY	167	73
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>CEBPA-A17(KQLALAGL	242	>CEBPA-A17(KQLALVGL	268	26
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>CEBPA-A17(KQLALAGL	163	>CEBPA-A17(KQLALVGL	166	3
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>CEBPA-A17(KQLALAGLFP	220	>CEBPA-A17(KQLALVGLFP	237	17
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>CEBPA-A17(DEAKQLALAC	43	>CEBPA-A17(DEAKQLALVC	41	2
>CEBPA-A17(DEAKQLALA	5648	>CEBPA-A17(DEAKQLALV	163	5485
>CEBPA-A17(DEAKQLALAC	561	>CEBPA-A17(DEAKQLALVC	405	156
>CEBPA-A17(EDEAKQLALA	3580	>CEBPA-A17(EDEAKQLALV	113	3467
>CEBPA-A19(AHLAAPHLQF	593	>CEBPA-A19(LHLAAPHLQF	257	336

>CEBPA-A19! AHLAAPHLQF	20	>CEBPA-A19! LHLAAPHLQF	22	2
>CEBPA-A19! AHLAAPHL	64	>CEBPA-A19! LHLAAPHL	137	73
>CEBPA-A19! PAHLAAPHL	24482	>CEBPA-A19! PLHLAAPHL	114	24368
>CEBPA-A19! PAHLAAPHLC	353	>CEBPA-A19! PLHLAAPHLC	6434	6081
>CEBPA-A19! PSHPHPHPPF	121	>CEBPA-A19! PSHPHPHPPF	310	189
>CEBPA-A19! PPAHLAAPHL	598	>CEBPA-A19! PPLHLAAPHL	126	472
>CEBPA-A19! PPAHLAAPH	173	>CEBPA-A19! PPLHLAAPH	362	189
>CEBPA-A19! PPPAHLAAPH	58	>CEBPA-A19! PPPLHLAAPH	540	482
>CEBPA-A19! PPPAHLAAPH	425	>CEBPA-A19! PPPLHLAAPH	803	378
>CEBPA-A19! HPPPAHLAA	68	>CEBPA-A19! HPPPLHLAA	275	207
>CEBPA-A19! HPPPAHLAA	147	>CEBPA-A19! HPPPLHLAA	191	44
>CEBPA-A19! HPPPAHLAAF	44	>CEBPA-A19! HPPPLHLAAP	54	10
>CEBPA-A19! HPPPAHLA	88	>CEBPA-A19! HPPPLHLA	70	18
>CEBPA-A19! HPPPAHLAA	84	>CEBPA-A19! HPPPLHLAA	114	30
>CEBPA-A19! HPPPAHLAAF	476	>CEBPA-A19! HPPPLHLAAP	273	203
>CEBPA-A19! HPPPAHLA	68	>CEBPA-A19! HPPPLHLA	941	873
>CEBPA-A19! HPHPPPAHL	343	>CEBPA-A19! HPHPPPLHL	154	189
>CEBPA-A19! HPHPPPAHL	45	>CEBPA-A19! HPHPPPLHL	37	8
>CEBPA-A19! HPHPPPAHLA	50	>CEBPA-A19! HPHPPPLHLA	65	15
>CEBPA-A19! HPHPPPAH	77	>CEBPA-A19! HPHPPPLH	696	619
>CEBPA-A19! HPHPPPAHLA	228	>CEBPA-A19! HPHPPPLHLA	247	19
>CEBPA-A19! HPHPPPAHL	306	>CEBPA-A19! HPHPPPLHL	394	88
>CEBPA-A19! HPHPPPAHLA	44	>CEBPA-A19! HPHPPPLHLA	33	11
>CEBPA-A19! HPHPPPAHLA	48	>CEBPA-A19! HPHPPPLHLA	70	22
>CEBPA-A19! HPHPHPPPAI	369	>CEBPA-A19! HPHPHPPPLI	208	161
>CEBPA-A19! HPHPHPPPA	50	>CEBPA-A19! HPHPHPPPL	14	36
>CEBPA-A19! HPHPHPPPAI	40	>CEBPA-A19! HPHPHPPPLI	35	5
>CEBPA-A19! HPHPHPPPA	1593	>CEBPA-A19! HPHPHPPPL	194	1399
>CEBPA-A19! HPHPHPPPA	93	>CEBPA-A19! HPHPHPPPL	36	57
>CEBPA-A19! HPHPHPPPA	5018	>CEBPA-A19! HPHPHPPPL	16	5002
>CEBPA-A19! HPHPHPPPAI	144	>CEBPA-A19! HPHPHPPPLI	168	24
>CEBPA-A19! HPHPHPPPA	29	>CEBPA-A19! HPHPHPPPL	5794	5765
>CEBPA-A19! SHPHPHPPP/	20384	>CEBPA-A19! SHPHPHPPP/	399	19985
>CEBPA-A29! AVRKSRDK	317	>CEBPA-A29! PVRKSRDK	5887	5570
>CEBPA-A29! AVRKSRDK	4	>CEBPA-A29! PVRKSRDK	18	14
>CEBPA-A29! AVRKSRDKA	20	>CEBPA-A29! PVRKSRDKA	596	576
>CEBPA-A29! AVRKSRDKAK	4	>CEBPA-A29! PVRKSRDKAK	19	15
>CEBPA-A29! AVRKSRDKAK	149	>CEBPA-A29! PVRKSRDKAK	2842	2693
>CEBPA-A29! NIAVRKSR	206	>CEBPA-A29! NIPVRKSR	536	330
>CEBPA-A29! NIAVRKSR	53	>CEBPA-A29! NIPVRKSR	489	436
>CEBPA-A29! NNIAVRKSR	135	>CEBPA-A29! NNIPVRKSR	166	31
>CEBPA-A29! RNNIAVRK	353	>CEBPA-A29! RNNIPVRK	748	395
>CEBPA-A29! RNNIAVRKSR	174	>CEBPA-A29! RNNIPVRKSR	170	4

>CEBPA-A29! ERNNIAVR	192	>CEBPA-A29! ERNNIPVR	460	268
>CEBPA-A29! ERNNIAVRK	466	>CEBPA-A29! ERNNIPVRK	1487	1021
>CEBPA-A29! ERNNIAVRKS	299	>CEBPA-A29! ERNNIPVRKS	548	249
>CEBPA-A29! ERNNIAVRK	233	>CEBPA-A29! ERNNIPVRK	378	145
>CEBPA-A29! RERNNIAV	451	>CEBPA-A29! RERNNIPV	154	297
>CEBPA-A29! RERNNIAVRK	45	>CEBPA-A29! RERNNIPVRK	29	16
>CEBPA-A29! RERNNIAVR	226	>CEBPA-A29! RERNNIPVR	907	681
>CEBPA-A29! RERNNIAV	253	>CEBPA-A29! RERNNIPV	288	35
>CEBPA-A29! RERNNIAV	130	>CEBPA-A29! RERNNIPV	214	84
>CEBPA-A29! RERNNIAV	31	>CEBPA-A29! RERNNIPV	17	14
>CEBPA-A29! RERNNIAVR	2008	>CEBPA-A29! RERNNIPVR	420	1588
>CEBPA-A29! RERNNIAV	113	>CEBPA-A29! RERNNIPV	172	59
>CEBPA-A29! RERNNIAV	909	>CEBPA-A29! RERNNIPV	373	536
>CEBPA-A29! RERNNIAVR	571	>CEBPA-A29! RERNNIPVR	172	399
>CEBPA-A29! RERNNIAVRK	374	>CEBPA-A29! RERNNIPVRK	280	94
>CEBPA-A29! RERNNIAV	2672	>CEBPA-A29! RERNNIPV	304	2368
>CEBPA-A29! RERNNIAVR	370	>CEBPA-A29! RERNNIPVR	581	211
>CEBPA-A29! RRERNNIAVR	55	>CEBPA-A29! RRERNNIPVR	38	17
>CEBPA-A29! RRERNNIAVR	186	>CEBPA-A29! RRERNNIPVR	226	40
>CEBPA-A29! RRERNNIA	110	>CEBPA-A29! RRERNNIP	161	51
>CEBPA-A29! RRERNNIAV	76	>CEBPA-A29! RRERNNIPV	69	7
>CEBPA-A29! RRERNNIAVR	75	>CEBPA-A29! RRERNNIPVR	77	2
>CEBPA-A29! RRERNNIAVR	218	>CEBPA-A29! RRERNNIPVR	209	9
>CEBPA-A29! RRERNNIAV	101	>CEBPA-A29! RRERNNIPV	156	55
>CEBPA-A29! RRERNNIAVR	82	>CEBPA-A29! RRERNNIPVR	88	6
>CEBPA-A29! RRERNNIAVR	102	>CEBPA-A29! RRERNNIPVR	93	9
>CEBPA-A29! RRERNNIAVR	351	>CEBPA-A29! RRERNNIPVR	350	1
>CEBPA-A29! VRRERNNIAV	312	>CEBPA-A29! VRRERNNIPV	344	32
>CEBPA-A29! VRRERNNIAV	215	>CEBPA-A29! VRRERNNIPV	288	73
>CEBPA-A29! RVRRRERNNIA	4	>CEBPA-A29! RVRRRERNNIP	14	10
>CEBPA-A29! RVRRRERNNIA	3	>CEBPA-A29! RVRRRERNNIP	3	0
>CEBPA-A29! RVRRRERNNIA	46	>CEBPA-A29! RVRRRERNNIP	64	18
>CEBPA-E31€ ELTSDNDRL	546	>CEBPA-E31€ KLTSDNDRL	26	520
>CEBPA-E31€ ELTSDNDRL	2769	>CEBPA-E31€ KLTSDNDRL	204	2565
>CEBPA-E31€ ELTSDNDRL	6299	>CEBPA-E31€ KLTSDNDRL	224	6075
>CEBPA-E31€ ELTSDNDRL	2879	>CEBPA-E31€ KLTSDNDRL	175	2704
>CEBPA-E31€ ELTSDNDRL	136	>CEBPA-E31€ KLTSDNDRL	27	109
>CEBPA-E31€ ELTSDNDRLR	3232	>CEBPA-E31€ KLTSDNDRLR	143	3089
>CEBPA-E31€ ELTSDNDRLR	4093	>CEBPA-E31€ KLTSDNDRLR	342	3751
>CEBPA-E31€ ELTSDNDRLR	5793	>CEBPA-E31€ KLTSDNDRLR	354	5439
>CEBPA-E31€ ELTSDNDR	31	>CEBPA-E31€ KLTSDNDR	3528	3497
>CEBPA-E31€ ELTSDNDRLR	285	>CEBPA-E31€ KLTSDNDRLR	6279	5994
>CEBPA-E31€ ELTSDNDRLR	123	>CEBPA-E31€ KLTSDNDRLR	8647	8524



>CEBPA-E31€ELTSDNDRLR	6865	>CEBPA-E31€KLTSDNDRLR	455	6410
>CEBPA-E31€ELTSDNDR	3274	>CEBPA-E31€KLTSDNDR	254	3020
>CEBPA-E31€ELTSDNDRLR	2139	>CEBPA-E31€KLTSDNDRLR	165	1974
>CEBPA-E31€LELTSDNDR	8405	>CEBPA-E31€LKLTSNDNR	472	7933
>CEBPA-E31€LELTSDNDRL	4691	>CEBPA-E31€LKLTSNDNRL	162	4529
>CEBPA-E31€LELTSDNDRL	215	>CEBPA-E31€LKLTSNDNRL	28728	28513
>CEBPA-E31€VLELTSDNDR	270	>CEBPA-E31€VLKLTSDNDR	315	45
>CEBPA-E31€VLELTSDNDR	106	>CEBPA-E31€VLKLTSDNDR	133	27
>CEBPA-E31€KVLELTSDND	128	>CEBPA-E31€KVLKLTSDND	85	43
>CEBPA-E31€KVLELTSDND	93	>CEBPA-E31€KVLKLTSDND	59	34
>CEBPA-E31€TQQKVLEL	198	>CEBPA-E31€TQQKVLKL	1543	1345
>CEBPA-E31€ETQQKVLE	26516	>CEBPA-E31€ETQQKVLK	371	26145
>CEBPA-E31€ETQQKVLEL	175	>CEBPA-E31€ETQQKVLKL	288	113
>CEBPA-E31€ETQQKVLEL	252	>CEBPA-E31€ETQQKVLKL	313	61
>CEBPA-E31€ETQQKVLE	4632	>CEBPA-E31€ETQQKVLK	19	4613
>CEBPA-E31€ETQQKVLEL	29	>CEBPA-E31€ETQQKVLKL	28	1
>CEBPA-E31€VETQQKVLEL	174	>CEBPA-E31€VETQQKVLKL	590	416
>CEBPA-E31€VETQQKVLEL	1342	>CEBPA-E31€VETQQKVLKL	426	916
>CEBPA-E31€VETQQKVLEL	344	>CEBPA-E31€VETQQKVLKL	567	223
>CEBPA-E31€VETQQKVLEL	481	>CEBPA-E31€VETQQKVLKL	1171	690
>CEBPA-G11 AGPGGAVM	377	>CEBPA-G11 AGPDGAVM	356	21
>CEBPA-G11 APAGPGGA	74	>CEBPA-G11 APAGPDGA	397	323
>CEBPA-G11 APAGPGGAV	8	>CEBPA-G11 APAGPDGAV	11	3
>CEBPA-G11 APAGPGGAV	17	>CEBPA-G11 APAGPDGAV	37	20
>CEBPA-G11 APAGPGGAV	335	>CEBPA-G11 APAGPDGAV	985	650
>CEBPA-G11 APAGPGGAV	452	>CEBPA-G11 APAGPDGAV	1093	641
>CEBPA-G11 APAGPGGAV	163	>CEBPA-G11 APAGPDGAV	459	296
>CEBPA-G11 APAGPGGAV	422	>CEBPA-G11 APAGPDGAV	522	100
>CEBPA-G11 GAPAGPGGA	321	>CEBPA-G11 GAPAGPDGA	935	614
>CEBPA-G11 GAPAGPGGA	125	>CEBPA-G11 GAPAGPDGA	119	6
>CEBPA-G11 YPGAPAGPG	353	>CEBPA-G11 YPGAPAGPD	894	541
>CEBPA-G11 YPGAPAGPG	292	>CEBPA-G11 YPGAPAGPD	191	101
>CEBPA-G12 MPGGAHGPF	1169	>CEBPA-G12 MPEGAHGPP	471	698
>CEBPA-G12 MPGGAHGPF	170	>CEBPA-G12 MPEGAHGPP	79	91
>CEBPA-G12 MPGGAHGPF	330	>CEBPA-G12 MPEGAHGPP	229	101
>CEBPA-G12 MPGGAHGPF	2375	>CEBPA-G12 MPEGAHGPP	464	1911
>CEBPA-G12 MPGGAHGPF	170	>CEBPA-G12 MPEGAHGPP	129	41
>CEBPA-G12 AVMPGGAHC	467	>CEBPA-G12 AVMPEGAHC	1246	779
>CEBPA-G17'GLFPYQPPP	5470	>CEBPA-G17'FLFPYQPPP	151	5319
>CEBPA-G17'GLFPYQPPP	2675	>CEBPA-G17'FLFPYQPPP	442	2233
>CEBPA-G17'GLFPYQPPPI	7571	>CEBPA-G17'FLFPYQPPPI	387	7184
>CEBPA-G17'GLFPYQPP	605	>CEBPA-G17'FLFPYQPP	26	579
>CEBPA-G17'GLFPYQPPP	521	>CEBPA-G17'FLFPYQPPP	21	500

>CEBPA-G17' GLFPYQPPPP	1471	>CEBPA-G17' FLFPYQPPPI	71	1400
>CEBPA-G17' GLFPYQPP	4703	>CEBPA-G17' FLFPYQPP	271	4432
>CEBPA-G17' GLFPYQPPP	5650	>CEBPA-G17' FLFPYQPPP	296	5354
>CEBPA-G17' GLFPYQPPPI	5938	>CEBPA-G17' FLFPYQPPPI	363	5575
>CEBPA-G17' GLFPYQPP	4974	>CEBPA-G17' FLFPYQPP	279	4695
>CEBPA-G17' GLFPYQPPP	2620	>CEBPA-G17' FLFPYQPPP	76	2544
>CEBPA-G17' GLFPYQPPPI	4999	>CEBPA-G17' FLFPYQPPPI	253	4746
>CEBPA-G17' GLFPYQPP	1100	>CEBPA-G17' FLFPYQPP	60	1040
>CEBPA-G17' GLFPYQPPP	738	>CEBPA-G17' FLFPYQPPP	40	698
>CEBPA-G17' GLFPYQPPPI	893	>CEBPA-G17' FLFPYQPPPI	57	836
>CEBPA-G17' GLFPYQPPP	523	>CEBPA-G17' FLFPYQPPPI	31	492
>CEBPA-G17' GLFPYQPPP	1907	>CEBPA-G17' FLFPYQPPP	328	1579
>CEBPA-G17' GLFPYQPPPI	2375	>CEBPA-G17' FLFPYQPPPI	457	1918
>CEBPA-G17' GLFPYQPPPI	2153	>CEBPA-G17' FLFPYQPPPI	409	1744
>CEBPA-G17' GLFPYQPP	1784	>CEBPA-G17' FLFPYQPP	69	1715
>CEBPA-G17' GLFPYQPPP	639	>CEBPA-G17' FLFPYQPPP	30	609
>CEBPA-G17' GLFPYQPPPI	1436	>CEBPA-G17' FLFPYQPPPI	89	1347
>CEBPA-G17' GLFPYQPPPI	1233	>CEBPA-G17' FLFPYQPPPI	67	1166
>CEBPA-G17' GLFPYQPP	4379	>CEBPA-G17' FLFPYQPP	499	3880
>CEBPA-G17' LAGLFPYQPP	4444	>CEBPA-G17' LAFGLFPYQPP	428	4016
>CEBPA-G17' ALAGLFPY	344	>CEBPA-G17' ALAFLFPY	623	279
>CEBPA-G17' ALAGLFPYQ	37	>CEBPA-G17' ALAFLFPYQ	120	83
>CEBPA-G17' ALAGLFPYQP	382	>CEBPA-G17' ALAFLFPYQP	905	523
>CEBPA-G17' ALAGLFPYQ	310	>CEBPA-G17' ALAFLFPYQ	1077	767
>CEBPA-G17' ALAGLFPYQ	159	>CEBPA-G17' ALAFLFPYQ	463	304
>CEBPA-G17' ALAGLFPYQ	44	>CEBPA-G17' ALAFLFPYQ	213	169
>CEBPA-G17' ALAGLFPY	143	>CEBPA-G17' ALAFLFPY	1238	1095
>CEBPA-G17' ALAGLFPYQ	5	>CEBPA-G17' ALAFLFPYQ	45	40
>CEBPA-G17' ALAGLFPY	254	>CEBPA-G17' ALAFLFPY	206	48
>CEBPA-G17' ALAGLFPY	166	>CEBPA-G17' ALAFLFPY	70	96
>CEBPA-G17' ALAGLFPY	180	>CEBPA-G17' ALAFLFPY	493	313
>CEBPA-G17' ALAGLFPY	14	>CEBPA-G17' ALAFLFPY	12	2
>CEBPA-G17' ALAGLFPY	41	>CEBPA-G17' ALAFLFPY	28	13
>CEBPA-G17' ALAGLFPY	52	>CEBPA-G17' ALAFLFPY	20	32
>CEBPA-G17' ALAGLFPY	45	>CEBPA-G17' ALAFLFPY	52	7
>CEBPA-G17' ALAGLFPY	191	>CEBPA-G17' ALAFLFPY	541	350
>CEBPA-G17' ALAGLFPY	731	>CEBPA-G17' ALAFLFPY	264	467
>CEBPA-G17' ALAGLFPY	437	>CEBPA-G17' ALAFLFPY	280	157
>CEBPA-G17' ALAGLFPY	276	>CEBPA-G17' ALAFLFPY	245	31
>CEBPA-G17' LALAGLFPY	247	>CEBPA-G17' LALAFLFPY	335	88
>CEBPA-G17' LALAGLFPY	512	>CEBPA-G17' LALAFLFPY	87	425
>CEBPA-G17' LALAGLFPY	25	>CEBPA-G17' LALAFLFPY	27	2
>CEBPA-G17' LALAGLFPY	125	>CEBPA-G17' LALAFLFPY	194	69

>CEBPA-G17' LALAGLFPY	176	>CEBPA-G17' LALAFLEPY	82	94
>CEBPA-G17' LALAGLFPY	94	>CEBPA-G17' LALAFLEPY	145	51
>CEBPA-G17' LALAGLFPY	456	>CEBPA-G17' LALAFLEPY	880	424
>CEBPA-G17' LALAGLFPY	181	>CEBPA-G17' LALAFLEPY	36	145
>CEBPA-G17' LALAGLFPY	6	>CEBPA-G17' LALAFLEPY	8	2
>CEBPA-G17' LALAGLFPY	861	>CEBPA-G17' LALAFLEPY	452	409
>CEBPA-G17' LALAGLFPY	14	>CEBPA-G17' LALAFLEPY	13	1
>CEBPA-G17' LALAGLFPY	404	>CEBPA-G17' LALAFLEPY	165	239
>CEBPA-G17' LALAGLFPY	1261	>CEBPA-G17' LALAFLEPY	115	1146
>CEBPA-G17' LALAGLFPY	55	>CEBPA-G17' LALAFLEPY	40	15
>CEBPA-G17' LALAGLFPY	3543	>CEBPA-G17' LALAFLEPY	376	3167
>CEBPA-G17' LALAGLFPY	418	>CEBPA-G17' LALAFLEPY	305	113
>CEBPA-G17' QLALAGLFPY	1917	>CEBPA-G17' QLALAFLEPY	452	1465
>CEBPA-G17' QLALAGLF	2639	>CEBPA-G17' QLALAFLE	457	2182
>CEBPA-G17' QLALAGLFPY	295	>CEBPA-G17' QLALAFLEPY	349	54
>CEBPA-G17' QLALAGLFPY	687	>CEBPA-G17' QLALAFLEPY	279	408
>CEBPA-G17' QLALAGLF	652	>CEBPA-G17' QLALAFLE	144	508
>CEBPA-G17' QLALAGLFPY	90	>CEBPA-G17' QLALAFLEPY	47	43
>CEBPA-G17' QLALAGLFPY	124	>CEBPA-G17' QLALAFLEPY	122	2
>CEBPA-G17' QLALAGLFPY	47	>CEBPA-G17' QLALAFLEPY	25	22
>CEBPA-G17' QLALAGLFPY	81	>CEBPA-G17' QLALAFLEPY	80	1
>CEBPA-G17' QLALAGLF	404	>CEBPA-G17' QLALAFLE	1555	1151
>CEBPA-G17' QLALAGLFPY	69	>CEBPA-G17' QLALAFLEPY	178	109
>CEBPA-G17' QLALAGLFPY	820	>CEBPA-G17' QLALAFLEPY	416	404
>CEBPA-G17' QLALAGLFPY	293	>CEBPA-G17' QLALAFLEPY	442	149
>CEBPA-G17' QLALAGLFPY	668	>CEBPA-G17' QLALAFLEPY	388	280
>CEBPA-G17' KQLALAGL	139	>CEBPA-G17' KQLALAFLE	29	110
>CEBPA-G17' KQLALAGL	242	>CEBPA-G17' KQLALAFLE	45	197
>CEBPA-G17' KQLALAGL	8	>CEBPA-G17' KQLALAFLE	4	4
>CEBPA-G17' KQLALAGLF	114	>CEBPA-G17' KQLALAFLE	10	104
>CEBPA-G17' KQLALAGLFP	68	>CEBPA-G17' KQLALAFLEP\	23	45
>CEBPA-G17' KQLALAGL	249	>CEBPA-G17' KQLALAFLE	107	142
>CEBPA-G17' KQLALAGL	163	>CEBPA-G17' KQLALAFLE	71	92
>CEBPA-G17' KQLALAGL	633	>CEBPA-G17' KQLALAFLE	97	536
>CEBPA-G17' KQLALAGLFP	663	>CEBPA-G17' KQLALAFLEP\	440	223
>CEBPA-G17' KQLALAGLFP	191	>CEBPA-G17' KQLALAFLEP\	34	157
>CEBPA-G17' KQLALAGLF	6605	>CEBPA-G17' KQLALAFLE	389	6216
>CEBPA-G17' KQLALAGLF	2671	>CEBPA-G17' KQLALAFLE	186	2485
>CEBPA-G17' KQLALAGLFP	131	>CEBPA-G17' KQLALAFLEP\	76	55
>CEBPA-G17' KQLALAGLFP	51	>CEBPA-G17' KQLALAFLEP\	66	15
>CEBPA-G17' KQLALAGLFP	563	>CEBPA-G17' KQLALAFLEP\	144	419
>CEBPA-G17' KQLALAGL	483	>CEBPA-G17' KQLALAFLE	661	178
>CEBPA-G17' KQLALAGLF	352	>CEBPA-G17' KQLALAFLE	19	333

>CEBPA-G17' KQLALAGLFP	220	>CEBPA-G17' KQLALAFLLFP\	45	175
>CEBPA-G17' KQLALAGLFP	16	>CEBPA-G17' KQLALAFLLFP\	10	6
>CEBPA-G17' KQLALAGLF	207	>CEBPA-G17' KQLALAFLLF	235	28
>CEBPA-G17' KQLALAGLFP	60	>CEBPA-G17' KQLALAFLLFP\	68	8
>CEBPA-G17' KQLALAGLFP	246	>CEBPA-G17' KQLALAFLLFP\	430	184
>CEBPA-G17' KQLALAGL	112	>CEBPA-G17' KQLALAFLL	53	59
>CEBPA-G17' KQLALAGLF	18	>CEBPA-G17' KQLALAFLLF	6	12
>CEBPA-G17' KQLALAGLFP	10	>CEBPA-G17' KQLALAFLLFP\	6	4
>CEBPA-G17' KQLALAGL	411	>CEBPA-G17' KQLALAFLL	488	77
>CEBPA-G17' KQLALAGLF	407	>CEBPA-G17' KQLALAFLLF	151	256
>CEBPA-G17' KQLALAGLFP	273	>CEBPA-G17' KQLALAFLLFP\	153	120
>CEBPA-G17' KQLALAGL	712	>CEBPA-G17' KQLALAFLL	421	291
>CEBPA-G17' KQLALAGL	114	>CEBPA-G17' KQLALAFLL	159	45
>CEBPA-G17' KQLALAGLF	1072	>CEBPA-G17' KQLALAFLLF	50	1022
>CEBPA-G17' KQLALAGL	500	>CEBPA-G17' KQLALAFLL	285	215
>CEBPA-G17' KQLALAGLF	662	>CEBPA-G17' KQLALAFLLF	350	312
>CEBPA-G17' KQLALAGL	386	>CEBPA-G17' KQLALAFLL	804	418
>CEBPA-G17' AKQLALAG	10852	>CEBPA-G17' AKQLALAF	9	10843
>CEBPA-G17' AKQLALAGLF	193	>CEBPA-G17' AKQLALAFLLF	53	140
>CEBPA-G17' AKQLALAGLF	570	>CEBPA-G17' AKQLALAFLLF	362	208
>CEBPA-G17' AKQLALAGL	246	>CEBPA-G17' AKQLALAFLL	278	32
>CEBPA-G17' EAKQLALAG	13666	>CEBPA-G17' EAKQLALAF	255	13411
>CEBPA-G17' EAKQLALAG	27770	>CEBPA-G17' EAKQLALAF	281	27489
>CEBPA-G17' EAKQLALAG	22774	>CEBPA-G17' EAKQLALAF	69	22705
>CEBPA-G17' EAKQLALAGL	439	>CEBPA-G17' EAKQLALAFLL	1055	616
>CEBPA-G17' EAKQLALAGL	268	>CEBPA-G17' EAKQLALAFLL	96	172
>CEBPA-G17' EAKQLALAG	8401	>CEBPA-G17' EAKQLALAF	48	8353
>CEBPA-G17' EAKQLALAGL	1067	>CEBPA-G17' EAKQLALAFLL	408	659
>CEBPA-G17' DEAKQLALAC	115	>CEBPA-G17' DEAKQLALAF	16	99
>CEBPA-G17' DEAKQLALAC	2037	>CEBPA-G17' DEAKQLALAF	105	1932
>CEBPA-G17' DEAKQLALAC	43	>CEBPA-G17' DEAKQLALAF	38	5
>CEBPA-G17' DEAKQLALAC	11621	>CEBPA-G17' DEAKQLALAF	474	11147
>CEBPA-G17' DEAKQLALAC	2253	>CEBPA-G17' DEAKQLALAF	97	2156
>CEBPA-G34 GIFRQLPESSL	2336	>CEBPA-G34 SIFRQLPESSL	230	2106
>CEBPA-G34 GIFRQLPESSL	292	>CEBPA-G34 SIFRQLPESSL	193	99
>CEBPA-G34 GIFRQLPESSL	479	>CEBPA-G34 SIFRQLPESSL	328	151
>CEBPA-G34 GIFRQLPESSL	625	>CEBPA-G34 SIFRQLPESSL	363	262
>CEBPA-G34 GIFRQLPESSL	197	>CEBPA-G34 SIFRQLPESSL	84	113
>CEBPA-G34 GIFRQLPESSL	484	>CEBPA-G34 SIFRQLPESSL	201	283
>CEBPA-G34 GIFRQLPESSL	59	>CEBPA-G34 SIFRQLPESSL	33	26
>CEBPA-G34 GIFRQLPESSL	323	>CEBPA-G34 SIFRQLPESSL	338	15
>CEBPA-G34 LRGIFRQL	527	>CEBPA-G34 LRSIFRQL	195	332
>CEBPA-G34 LRGIFRQL	316	>CEBPA-G34 LRSIFRQL	703	387

>CEBPA-G34 LRGIFRQL	73	>CEBPA-G34 LRSIFRQL	144	71
>CEBPA-G34 TLRGIFRQL	322	>CEBPA-G34 TLRSIFRQL	369	47
>CEBPA-G34 TLRGIFRQL	268	>CEBPA-G34 TLRSIFRQL	160	108
>CEBPA-G34 TLRGIFRQ	137	>CEBPA-G34 TLRSIFRQ	497	360
>CEBPA-G34 TLRGIFRQL	16	>CEBPA-G34 TLRSIFRQL	74	58
>CEBPA-G34 TLRGIFRQL	200	>CEBPA-G34 TLRSIFRQL	65	135
>CEBPA-G34 DTLRGIFRQL	161	>CEBPA-G34 DTLRSIFRQL	203	42
>CEBPA-G34 DTLRGIFR	105	>CEBPA-G34 DTLRSIFR	68	37
>CEBPA-G34 DTLRGIFR	8	>CEBPA-G34 DTLRSIFR	8	0
>CEBPA-G34 DTLRGIFR	11	>CEBPA-G34 DTLRSIFR	6	5
>CEBPA-G34 DTLRGIFRQL	52	>CEBPA-G34 DTLRSIFRQL	55	3
>CEBPA-G34 DTLRGIFR	777	>CEBPA-G34 DTLRSIFR	444	333
>CEBPA-G34 ELDTLRGIFR	341	>CEBPA-G34 ELDTLRSIFR	354	13
>CEBPA-G34 ELDTLRGIFR	75	>CEBPA-G34 ELDTLRSIFR	84	9
>CEBPA-G34 ELDTLRGIFR	66	>CEBPA-G34 ELDTLRSIFR	55	11
>CEBPA-G34 ELDTLRGIFR	581	>CEBPA-G34 ELDTLRSIFR	389	192
>CEBPA-G34 RELDTLRGI	19	>CEBPA-G34 RELDTLRSI	9	10
>CEBPA-G34 RELDTLRGIFF	253	>CEBPA-G34 RELDTLRSIFR	203	50
>CEBPA-G34 RELDTLRGIFF	107	>CEBPA-G34 RELDTLRSIF	14	93
>CEBPA-G34 RELDTLRGI	32	>CEBPA-G34 RELDTLRSI	31	1
>CEBPA-G34 RELDTLRGI	172	>CEBPA-G34 RELDTLRSI	38	134
>CEBPA-G34 RELDTLRGI	577	>CEBPA-G34 RELDTLRSI	425	152
>CEBPA-G34 RELDTLRGIFF	601	>CEBPA-G34 RELDTLRSIF	456	145
>CEBPA-G34 RELDTLRGIFF	283	>CEBPA-G34 RELDTLRSIF	163	120
>CEBPA-G34 RELDTLRGI	4	>CEBPA-G34 RELDTLRSI	4	0
>CEBPA-G34 RELDTLRGIFF	68	>CEBPA-G34 RELDTLRSIF	50	18
>CEBPA-G34 RELDTLRGIFF	78	>CEBPA-G34 RELDTLRSIFR	63	15
>CEBPA-G34 SRELDTLRGIFF	92	>CEBPA-G34 SRELDTLRSIF	50	42
>CEBPA-G34 LSRELDTLRGI	323	>CEBPA-G34 LSRELDTLRSI	105	218
>CEBPA-G34 LSRELDTLRGI	47	>CEBPA-G34 LSRELDTLRSI	47	0
>CEBPA-G34 LSRELDTLRGI	987	>CEBPA-G34 LSRELDTLRSI	307	680
>CEBPA-G34 LSRELDTLRGI	100	>CEBPA-G34 LSRELDTLRSI	34	66
>CEBPA-H84 HSRQQEKA	99	>CEBPA-H84 LSRQQEKA	1098	999
>CEBPA-H84 HSRQQEKAK	6	>CEBPA-H84 LSRQQEKAK	18	12
>CEBPA-H84 HSRQQEKAK/	45	>CEBPA-H84 LSRQQEKAK/	485	440
>CEBPA-H84 HSRQQEKAK/	28	>CEBPA-H84 LSRQQEKAK/	295	267
>CEBPA-H84 QHSRQQEKA	26176	>CEBPA-H84 QLSRQQEKA	455	25721
>CEBPA-H84 QHSRQQEKA	36597	>CEBPA-H84 QLSRQQEKA	172	36425
>CEBPA-H84 QHSRQQEKA	35654	>CEBPA-H84 QLSRQQEKA/	129	35525
>CEBPA-H84 QHSRQQEK	18971	>CEBPA-H84 QLSRQQEK	306	18665
>CEBPA-H84 FQHSRQQEK	133	>CEBPA-H84 FQLSRQQEK	107	26
>CEBPA-H84 FQHSRQQEK/	528	>CEBPA-H84 FQLSRQQEK/	439	89
>CEBPA-H84 FQHSRQQEK/	114	>CEBPA-H84 FQLSRQQEK/	93	21

>CEBPA-H84 LFQHSRQQEI	432	>CEBPA-H84 LFQLSRQQEK	886	454
>CEBPA-H84 DLFQHSRQQI	201	>CEBPA-H84 DLFQLSRQQE	170	31
>CEBPA-H84 LADLFQHSR	208	>CEBPA-H84 LADLFQLSR	681	473
>CEBPA-H84 FLADLFQH	3500	>CEBPA-H84 FLADLFQL	7	3493
>CEBPA-H84 FLADLFQHS	154	>CEBPA-H84 FLADLFQLS	74	80
>CEBPA-H84 FLADLFQHSR	1782	>CEBPA-H84 FLADLFQLSR	363	1419
>CEBPA-H84 FLADLFQH	31	>CEBPA-H84 FLADLFQL	1	30
>CEBPA-H84 FLADLFQHS	5	>CEBPA-H84 FLADLFQLS	3	2
>CEBPA-H84 FLADLFQHSR	280	>CEBPA-H84 FLADLFQLSR	207	73
>CEBPA-H84 FLADLFQHSR	14	>CEBPA-H84 FLADLFQLSR(	7	7
>CEBPA-H84 FLADLFQH	1798	>CEBPA-H84 FLADLFQL	3	1795
>CEBPA-H84 FLADLFQHS	20	>CEBPA-H84 FLADLFQLS	14	6
>CEBPA-H84 FLADLFQHSR	167	>CEBPA-H84 FLADLFQLSR(	48	119
>CEBPA-H84 FLADLFQH	752	>CEBPA-H84 FLADLFQL	3	749
>CEBPA-H84 FLADLFQHS	12	>CEBPA-H84 FLADLFQLS	16	4
>CEBPA-H84 FLADLFQHSR	527	>CEBPA-H84 FLADLFQLSR(	205	322
>CEBPA-H84 FLADLFQH	828	>CEBPA-H84 FLADLFQL	2	826
>CEBPA-H84 FLADLFQHS	87	>CEBPA-H84 FLADLFQLS	93	6
>CEBPA-H84 FLADLFQHSR	185	>CEBPA-H84 FLADLFQLSR(	136	49
>CEBPA-H84 FLADLFQH	6920	>CEBPA-H84 FLADLFQL	3	6917
>CEBPA-H84 FLADLFQH	3031	>CEBPA-H84 FLADLFQL	4	3027
>CEBPA-H84 FLADLFQHS	83	>CEBPA-H84 FLADLFQLS	222	139
>CEBPA-H84 FLADLFQHSR	297	>CEBPA-H84 FLADLFQLSR(	193	104
>CEBPA-H84 FLADLFQH	6876	>CEBPA-H84 FLADLFQL	2	6874
>CEBPA-H84 FLADLFQH	52	>CEBPA-H84 FLADLFQL	1	51
>CEBPA-H84 FLADLFQHS	8	>CEBPA-H84 FLADLFQLS	6	2
>CEBPA-H84 FLADLFQHSR	16	>CEBPA-H84 FLADLFQLSR	55	39
>CEBPA-H84 FLADLFQHSR	4	>CEBPA-H84 FLADLFQLSR(	3	1
>CEBPA-H84 FLADLFQH	260	>CEBPA-H84 FLADLFQL	2730	2470
>CEBPA-H84 FLADLFQHSR	93	>CEBPA-H84 FLADLFQLSR	210	117
>CEBPA-H84 FLADLFQHSR	255	>CEBPA-H84 FLADLFQLSR	169	86
>CEBPA-H84 FLADLFQHSR	44	>CEBPA-H84 FLADLFQLSR	31	13
>CEBPA-H84 FLADLFQH	15639	>CEBPA-H84 FLADLFQL	138	15501
>CEBPA-H84 FLADLFQH	15194	>CEBPA-H84 FLADLFQL	59	15135
>CEBPA-H84 FLADLFQHSR	86	>CEBPA-H84 FLADLFQLSR	104	18
>CEBPA-H84 EFLADLFQH	13748	>CEBPA-H84 EFLADLFQL	67	13681
>CEBPA-H84 EFLADLFQHS	169	>CEBPA-H84 EFLADLFQLSF	576	407
>CEBPA-H84 EFLADLFQHS	16	>CEBPA-H84 EFLADLFQLSF	26	10
>CEBPA-H84 EFLADLFQHS	58	>CEBPA-H84 EFLADLFQLSF	133	75
>CEBPA-H84 EFLADLFQH	17995	>CEBPA-H84 EFLADLFQL	242	17753
>CEBPA-H84 EFLADLFQHS	54	>CEBPA-H84 EFLADLFQLSF	52	2
>CEBPA-H84 EFLADLFQH	8030	>CEBPA-H84 EFLADLFQL	164	7866
>CEBPA-H84 DEFLADLFQH	5935	>CEBPA-H84 DEFLADLFQL	60	5875

>CEBPA-H84 DEFLADLFQH	331	>CEBPA-H84 DEFLADLFQL	132	199
>CEBPA-H84 DEFLADLFQH	53	>CEBPA-H84 DEFLADLFQL	38	15
>CEBPA-H84 DEFLADLFQH	7250	>CEBPA-H84 DEFLADLFQL	473	6777
>CEBPA-H84 DEFLADLFQH	1761	>CEBPA-H84 DEFLADLFQL	88	1673
>CEBPA-L175 ALAGLFPY	344	>CEBPA-L175 AVAGLFPY	6692	6348
>CEBPA-L175 ALAGLFPYQ	37	>CEBPA-L175 AVAGLFPYQ	1912	1875
>CEBPA-L175 ALAGLFPYQP	382	>CEBPA-L175 AVAGLFPYQF	7554	7172
>CEBPA-L175 ALAGLFPYQ	310	>CEBPA-L175 AVAGLFPYQ	375	65
>CEBPA-L175 ALAGLFPYQ	159	>CEBPA-L175 AVAGLFPYQ	5882	5723
>CEBPA-L175 ALAGLFPYQ	44	>CEBPA-L175 AVAGLFPYQ	5289	5245
>CEBPA-L175 ALAGLFPY	143	>CEBPA-L175 AVAGLFPY	8897	8754
>CEBPA-L175 ALAGLFPYQ	5	>CEBPA-L175 AVAGLFPYQ	1376	1371
>CEBPA-L175 ALAGLFPY	254	>CEBPA-L175 AVAGLFPY	746	492
>CEBPA-L175 ALAGLFPY	166	>CEBPA-L175 AVAGLFPY	29	137
>CEBPA-L175 ALAGLFPY	180	>CEBPA-L175 AVAGLFPY	9	171
>CEBPA-L175 ALAGLFPY	14	>CEBPA-L175 AVAGLFPY	11	3
>CEBPA-L175 ALAGLFPY	41	>CEBPA-L175 AVAGLFPY	40	1
>CEBPA-L175 ALAGLFPY	52	>CEBPA-L175 AVAGLFPY	48	4
>CEBPA-L175 ALAGLFPY	45	>CEBPA-L175 AVAGLFPY	76	31
>CEBPA-L175 ALAGLFPY	191	>CEBPA-L175 AVAGLFPY	1222	1031
>CEBPA-L175 ALAGLFPY	989	>CEBPA-L175 AVAGLFPY	189	800
>CEBPA-L175 ALAGLFPY	706	>CEBPA-L175 AVAGLFPY	137	569
>CEBPA-L175 ALAGLFPY	437	>CEBPA-L175 AVAGLFPY	149	288
>CEBPA-L175 ALAGLFPY	276	>CEBPA-L175 AVAGLFPY	465	189
>CEBPA-L175 REEDEAKQLA	14	>CEBPA-L175 REEDEAKQLA	69	55
>CEBPA-L175 REEDEAKQLA	249	>CEBPA-L175 REEDEAKQLA	757	508
>CEBPA-L175 REEDEAKQLA	3524	>CEBPA-L175 REEDEAKQLA	354	3170
>CEBPA-L175 REEDEAKQLA	180	>CEBPA-L175 REEDEAKQLA	104	76
>CEBPA-L175 LAVAGLFPY	247	>CEBPA-L175 LAVAGLFPY	338	91
>CEBPA-L175 LAVAGLFPY	850	>CEBPA-L175 LAVAGLFPY	97	753
>CEBPA-L175 LAVAGLFPY	25	>CEBPA-L175 LAVAGLFPY	30	5
>CEBPA-L175 LAVAGLFPY	125	>CEBPA-L175 LAVAGLFPY	146	21
>CEBPA-L175 LAVAGLFPY	176	>CEBPA-L175 LAVAGLFPY	309	133
>CEBPA-L175 LAVAGLFPY	94	>CEBPA-L175 LAVAGLFPY	65	29
>CEBPA-L175 LAVAGLFPY	456	>CEBPA-L175 LAVAGLFPY	817	361
>CEBPA-L175 LAVAGLFPY	181	>CEBPA-L175 LAVAGLFPY	344	163
>CEBPA-L175 LAVAGLFPY	6	>CEBPA-L175 LAVAGLFPY	5	1
>CEBPA-L175 LAVAGLFPY	14	>CEBPA-L175 LAVAGLFPY	14	0
>CEBPA-L175 LAVAGLFPY	404	>CEBPA-L175 LAVAGLFPY	322	82
>CEBPA-L175 LAVAGLFPY	55	>CEBPA-L175 LAVAGLFPY	49	6
>CEBPA-L175 LAVAGLFPY	3543	>CEBPA-L175 LAVAGLFPY	477	3066
>CEBPA-L175 LAVAGLFPY	418	>CEBPA-L175 LAVAGLFPY	344	74
>CEBPA-L175 QLAVAGLFPY	295	>CEBPA-L175 QLAVAGLFPY	438	143

>CEBPA-L175 QLALAGLFPY	90	>CEBPA-L175 QLAVAGLFPY	104	14
>CEBPA-L175 QLALAGLFPY	124	>CEBPA-L175 QLAVAGLFPY	151	27
>CEBPA-L175 QLALAGLFPY	47	>CEBPA-L175 QLAVAGLFPY	32	15
>CEBPA-L175 QLALAGLF	792	>CEBPA-L175 QLAVAGLF	494	298
>CEBPA-L175 QLALAGLFPY	81	>CEBPA-L175 QLAVAGLFPY	64	17
>CEBPA-L175 QLALAGLF	404	>CEBPA-L175 QLAVAGLF	174	230
>CEBPA-L175 QLALAGLFPY	69	>CEBPA-L175 QLAVAGLFPY	39	30
>CEBPA-L175 QLALAGLFPY	820	>CEBPA-L175 QLAVAGLFPY	404	416
>CEBPA-L175 QLALAGLFPY	293	>CEBPA-L175 QLAVAGLFPY	486	193
>CEBPA-L175 QLALAGLFPY	668	>CEBPA-L175 QLAVAGLFPY	437	231
>CEBPA-L175 KQLALAGL	139	>CEBPA-L175 KQLAVAGL	132	7
>CEBPA-L175 KQLALAGL	242	>CEBPA-L175 KQLAVAGL	283	41
>CEBPA-L175 KQLALAGL	511	>CEBPA-L175 KQLAVAGL	463	48
>CEBPA-L175 KQLALAGL	8	>CEBPA-L175 KQLAVAGL	7	1
>CEBPA-L175 KQLALAGLF	114	>CEBPA-L175 KQLAVAGLF	65	49
>CEBPA-L175 KQLALAGLFP	68	>CEBPA-L175 KQLAVAGLFP	51	17
>CEBPA-L175 KQLALAGL	249	>CEBPA-L175 KQLAVAGL	86	163
>CEBPA-L175 KQLALAGL	163	>CEBPA-L175 KQLAVAGL	161	2
>CEBPA-L175 KQLALAGL	633	>CEBPA-L175 KQLAVAGL	285	348
>CEBPA-L175 KQLALAGLFP	663	>CEBPA-L175 KQLAVAGLFP	389	274
>CEBPA-L175 KQLALAGLFP	191	>CEBPA-L175 KQLAVAGLFP	147	44
>CEBPA-L175 KQLALAGLFP	131	>CEBPA-L175 KQLAVAGLFP	189	58
>CEBPA-L175 KQLALAGLFP	51	>CEBPA-L175 KQLAVAGLFP	43	8
>CEBPA-L175 KQLALAGL	483	>CEBPA-L175 KQLAVAGL	291	192
>CEBPA-L175 KQLALAGLF	352	>CEBPA-L175 KQLAVAGLF	306	46
>CEBPA-L175 KQLALAGLFP	220	>CEBPA-L175 KQLAVAGLFP	224	4
>CEBPA-L175 KQLALAGLFP	16	>CEBPA-L175 KQLAVAGLFP	19	3
>CEBPA-L175 KQLALAGLF	207	>CEBPA-L175 KQLAVAGLF	237	30
>CEBPA-L175 KQLALAGLFP	60	>CEBPA-L175 KQLAVAGLFP	64	4
>CEBPA-L175 KQLALAGLFP	246	>CEBPA-L175 KQLAVAGLFP	195	51
>CEBPA-L175 KQLALAGL	112	>CEBPA-L175 KQLAVAGL	74	38
>CEBPA-L175 KQLALAGLF	18	>CEBPA-L175 KQLAVAGLF	16	2
>CEBPA-L175 KQLALAGLFP	10	>CEBPA-L175 KQLAVAGLFP	9	1
>CEBPA-L175 KQLALAGL	411	>CEBPA-L175 KQLAVAGL	572	161
>CEBPA-L175 KQLALAGLF	407	>CEBPA-L175 KQLAVAGLF	669	262
>CEBPA-L175 KQLALAGLFP	273	>CEBPA-L175 KQLAVAGLFP	403	130
>CEBPA-L175 KQLALAGL	712	>CEBPA-L175 KQLAVAGL	345	367
>CEBPA-L175 KQLALAGL	114	>CEBPA-L175 KQLAVAGL	111	3
>CEBPA-L175 KQLALAGLF	1072	>CEBPA-L175 KQLAVAGLF	477	595
>CEBPA-L175 KQLALAGL	386	>CEBPA-L175 KQLAVAGL	1770	1384
>CEBPA-L175 AKQLALAGLF	193	>CEBPA-L175 AKQLAVAGLF	133	60
>CEBPA-L175 AKQLALAGL	246	>CEBPA-L175 AKQLAVAGL	254	8
>CEBPA-L175 EAKQLALAGL	439	>CEBPA-L175 EAKQLAVAGL	544	105



>CEBPA-L175 EAKQLALAGL	268	>CEBPA-L175 EAKQLAVAGI	574	306
>CEBPA-L175 DEAKQLAL	275	>CEBPA-L175 DEAKQLAV	288	13
>CEBPA-L175 DEAKQLALAC	115	>CEBPA-L175 DEAKQLAVAC	182	67
>CEBPA-L175 DEAKQLAL	29	>CEBPA-L175 DEAKQLAV	85	56
>CEBPA-L175 DEAKQLALA	772	>CEBPA-L175 DEAKQLAVA	264	508
>CEBPA-L175 DEAKQLALAC	43	>CEBPA-L175 DEAKQLAVAC	42	1
>CEBPA-L175 EDEAKQLAL	1102	>CEBPA-L175 EDEAKQLAV	176	926
>CEBPA-L175 EEDEAKQLAL	253	>CEBPA-L175 EEDEAKQLAV	3901	3648
>CEBPA-L175 EEDEAKQLAL	470	>CEBPA-L175 EEDEAKQLAV	1030	560
>CEBPA-L175 EEDEAKQLAL	1125	>CEBPA-L175 EEDEAKQLAV	296	829
>CEBPA-L175 EEDEAKQLAL	230	>CEBPA-L175 EEDEAKQLAV	92	138
>CEBPA-L324 LRKRVEQLSR	577	>CEBPA-L324 QRKRVEQLSF	496	81
>CEBPA-L324 RLRKRVEQL	250	>CEBPA-L324 RQRKRVEQL	10808	10558
>CEBPA-L324 RLRKRVEQL	87	>CEBPA-L324 RQRKRVEQL	2533	2446
>CEBPA-L324 RLRKRVEQL	145	>CEBPA-L324 RQRKRVEQL	10772	10627
>CEBPA-L324 RLRKRVEQL	29	>CEBPA-L324 RQRKRVEQL	23788	23759
>CEBPA-L324 RLRKRVEQLS	126	>CEBPA-L324 RQRKRVEQLS	1442	1316
>CEBPA-L324 RLRKRVEQ	74	>CEBPA-L324 RQRKRVEQ	139	65
>CEBPA-L324 RLRKRVEQL	164	>CEBPA-L324 RQRKRVEQL	364	200
>CEBPA-L324 RLRKRVEQLS	149	>CEBPA-L324 RQRKRVEQLS	304	155
>CEBPA-L324 RLRKRVEQLS	28	>CEBPA-L324 RQRKRVEQLS	48	20
>CEBPA-L324 RLRKRVEQLS	30	>CEBPA-L324 RQRKRVEQLS	28	2
>CEBPA-L324 RLRKRVEQL	29	>CEBPA-L324 RQRKRVEQL	298	269
>CEBPA-L324 RLRKRVEQL	431	>CEBPA-L324 RQRKRVEQL	113	318
>CEBPA-L324 RLRKRVEQ	5002	>CEBPA-L324 RQRKRVEQ	374	4628
>CEBPA-L324 RLRKRVEQL	629	>CEBPA-L324 RQRKRVEQL	24	605
>CEBPA-L324 RLRKRVEQLS	1593	>CEBPA-L324 RQRKRVEQLS	56	1537
>CEBPA-L324 RLRKRVEQL	239	>CEBPA-L324 RQRKRVEQL	2324	2085
>CEBPA-L324 RLRKRVEQLS	8653	>CEBPA-L324 RQRKRVEQLS	484	8169
>CEBPA-L324 RLRKRVEQL	11384	>CEBPA-L324 RQRKRVEQL	185	11199
>CEBPA-L324 RLRKRVEQ	2547	>CEBPA-L324 RQRKRVEQ	364	2183
>CEBPA-L324 RLRKRVEQL	1130	>CEBPA-L324 RQRKRVEQL	160	970
>CEBPA-L324 RLRKRVEQLS	3611	>CEBPA-L324 RQRKRVEQLS	416	3195
>CEBPA-L324 RLRKRVEQL	718	>CEBPA-L324 RQRKRVEQL	76	642
>CEBPA-L324 RLRKRVEQLS	177	>CEBPA-L324 RQRKRVEQLS	264	87
>CEBPA-L324 VLELTSNDNR	270	>CEBPA-L324 VLELTSNDNR	12306	12036
>CEBPA-L324 VLELTSNDNR	106	>CEBPA-L324 VLELTSNDNR	6545	6439
>CEBPA-L324 NDRLRKRVEC	524	>CEBPA-L324 NDRQRKRVEI	408	116
>CEBPA-L324 TSDNDRLRK	56	>CEBPA-L324 TSDNDRQRK	513	457
>CEBPA-L324 TSDNDRLR	294	>CEBPA-L324 TSDNDRQR	420	126
>CEBPA-L324 LTSDNDRL	308	>CEBPA-L324 LTSDNDRQ	13874	13566
>CEBPA-L324 LTSDNDRLRK	24	>CEBPA-L324 LTSDNDRQRH	98	74
>CEBPA-L324 LTSDNDRLRK	470	>CEBPA-L324 LTSDNDRQRH	823	353

>CEBPA-L324LTSDNDRLRK	438	>CEBPA-L324LTSDNDRQR	624	186
>CEBPA-L324LTSDNDRLR	22	>CEBPA-L324LTSDNDRQR	33	11
>CEBPA-L324LTSDNDRLRK	168	>CEBPA-L324LTSDNDRQR	337	169
>CEBPA-L324LTSDNDRLRK	54	>CEBPA-L324LTSDNDRQR	53	1
>CEBPA-L324LTSDNDRL	482	>CEBPA-L324LTSDNDRQ	16451	15969
>CEBPA-L324LTSDNDRL	50	>CEBPA-L324LTSDNDRQ	9597	9547
>CEBPA-L324ELTSDNDRL	136	>CEBPA-L324ELTSDNDRQ	8394	8258
>CEBPA-L324ELTSDNDRLR	285	>CEBPA-L324ELTSDNDRQ	1394	1109
>CEBPA-L324ELTSDNDRLR	123	>CEBPA-L324ELTSDNDRQ	124	1
>CEBPA-L324LELTSDNDRL	215	>CEBPA-L324LELTSDNDRQ	28160	27945
>CEBPA-L335ELDTLRGIFR	341	>CEBPA-L335EQDTLRGIFR	574	233
>CEBPA-L335ELDTLRGIFR	75	>CEBPA-L335EQDTLRGIFR	222	147
>CEBPA-L335ELDTLRGIFR	66	>CEBPA-L335EQDTLRGIFR	155	89
>CEBPA-L335RKRVEQLSRE	15	>CEBPA-L335RKRVEQLSRE	561	546
>CEBPA-L335RKRVEQLSRE	170	>CEBPA-L335RKRVEQLSRE	4743	4573
>CEBPA-L335RKRVEQLSRE	335	>CEBPA-L335RKRVEQLSRE	10507	10172
>CEBPA-L335RELDTLRGI	19	>CEBPA-L335REQDTLRGI	40	21
>CEBPA-L335RELDTLRGIFF	253	>CEBPA-L335REQDTLRGI	335	82
>CEBPA-L335RELDTLRGI	107	>CEBPA-L335REQDTLRGI	409	302
>CEBPA-L335RELDTLRGI	32	>CEBPA-L335REQDTLRGI	91	59
>CEBPA-L335RELDTLRGI	172	>CEBPA-L335REQDTLRGI	468	296
>CEBPA-L335RELDTLRGI	736	>CEBPA-L335REQDTLRGI	436	300
>CEBPA-L335RELDTLRGI	601	>CEBPA-L335REQDTLRGI	182	419
>CEBPA-L335RELDTLRGI	283	>CEBPA-L335REQDTLRGI	303	20
>CEBPA-L335RELDTLRGI	2862	>CEBPA-L335REQDTLRGI	424	2438
>CEBPA-L335RELDTLRGI	2042	>CEBPA-L335REQDTLRGI	481	1561
>CEBPA-L335RELDTLRGI	4	>CEBPA-L335REQDTLRGI	8	4
>CEBPA-L335RELDTLRGI	68	>CEBPA-L335REQDTLRGI	101	33
>CEBPA-L335RELDTLRGIFF	78	>CEBPA-L335REQDTLRGI	200	122
>CEBPA-L335SRELDTLRGI	770	>CEBPA-L335SREQDTLRGI	424	346
>CEBPA-L335SRELDTLRGI	92	>CEBPA-L335SREQDTLRGI	109	17
>CEBPA-L335LSRELDTLRGI	323	>CEBPA-L335LSREQDTLRGI	180	143
>CEBPA-L335LSRELDTLR	45	>CEBPA-L335LSREQDTLR	79	34
>CEBPA-L335LSRELDTLR	128	>CEBPA-L335LSREQDTLR	299	171
>CEBPA-L335LSRELDTLR	288	>CEBPA-L335LSREQDTLR	515	227
>CEBPA-L335LSRELDTL	16	>CEBPA-L335LSREQDTL	23	7
>CEBPA-L335LSRELDTLRGI	47	>CEBPA-L335LSREQDTLRGI	48	1
>CEBPA-L335LSRELDTLRGI	100	>CEBPA-L335LSREQDTLRGI	114	14
>CEBPA-L335QLSRELDTL	16	>CEBPA-L335QLSREQDTL	46	30
>CEBPA-L335QLSRELDTL	396	>CEBPA-L335QLSREQDTL	3040	2644
>CEBPA-L335QLSRELDTL	388	>CEBPA-L335QLSREQDTL	1114	726
>CEBPA-L335QLSRELDTL	96	>CEBPA-L335QLSREQDTL	547	451
>CEBPA-L335QLSRELDTL	35	>CEBPA-L335QLSREQDTL	55	20

>CEBPA-L335 QLSRELDTLR	1365	>CEBPA-L335 QLSREQDTLR	431	934
>CEBPA-L335 EQLSRELDTLI	242	>CEBPA-L335 EQLSREQDTL	325	83
>CEBPA-L335 EQLSRELDTLI	353	>CEBPA-L335 EQLSREQDTL	516	163
>CEBPA-L335 EQLSRELDTLI	212	>CEBPA-L335 EQLSREQDTL	389	177
>CEBPA-L335 VEQLSREL	90	>CEBPA-L335 VEQLSREQ	3379	3289
>CEBPA-L335 VEQLSRELDT	242	>CEBPA-L335 VEQLSREQDT	540	298
>CEBPA-L335 VEQLSRELDT	142	>CEBPA-L335 VEQLSREQDT	217	75
>CEBPA-L335 VEQLSREL	194	>CEBPA-L335 VEQLSREQ	6411	6217
>CEBPA-L335 VEQLSRELDT	425	>CEBPA-L335 VEQLSREQDT	427	2
>CEBPA-L335 VEQLSRELDT	82	>CEBPA-L335 VEQLSREQDT	235	153
>CEBPA-L335 RVEQLSREL	400	>CEBPA-L335 RVEQLSREQ	11584	11184
>CEBPA-L335 RVEQLSREL	385	>CEBPA-L335 RVEQLSREQ	18159	17774
>CEBPA-L335 RVEQLSREL	446	>CEBPA-L335 RVEQLSREQ	18719	18273
>CEBPA-L335 KRVEQLSREL	461	>CEBPA-L335 KRVEQLSREQ	7143	6682
>CEBPA-L335 KRVEQLSREL	33	>CEBPA-L335 KRVEQLSREQ	712	679
>CEBPA-L335 KRVEQLSREL	127	>CEBPA-L335 KRVEQLSREQ	1476	1349
>CEBPA-L335 KRVEQLSREL	64	>CEBPA-L335 KRVEQLSREQ	1817	1753
>CEBPA-P14F PMSSHLQSP	11716	>CEBPA-P14F RMSSHLQSP	451	11265
>CEBPA-P14F PMSSHLQSPF	10798	>CEBPA-P14F RMSSHLQSPF	195	10603
>CEBPA-P14F PMSSHLQSPF	5326	>CEBPA-P14F RMSSHLQSPF	88	5238
>CEBPA-P14F PMSSHLQSP	5943	>CEBPA-P14F RMSSHLQSP	445	5498
>CEBPA-P14F PMSSHLQSPF	4937	>CEBPA-P14F RMSSHLQSPF	367	4570
>CEBPA-P14F PMSSHLQSPF	2105	>CEBPA-P14F RMSSHLQSPF	100	2005
>CEBPA-P14F RPPMSSHL	130	>CEBPA-P14F RPRMSSHL	5115	4985
>CEBPA-P14F RPPMSSHL	33	>CEBPA-P14F RPRMSSHL	7	26
>CEBPA-P14F RPPMSSHLQ	4654	>CEBPA-P14F RPRMSSHLQ	38	4616
>CEBPA-P14F RPPMSSHLQ	5665	>CEBPA-P14F RPRMSSHLQ	58	5607
>CEBPA-P14F RPPMSSHL	2849	>CEBPA-P14F RPRMSSHL	86	2763
>CEBPA-P14F RPPMSSHL	4821	>CEBPA-P14F RPRMSSHL	400	4421
>CEBPA-P14F PRPPMSSHL	132	>CEBPA-P14F PRPRMSSHL	164	32
>CEBPA-P14F EPRPPMSSH	176	>CEBPA-P14F EPRPRMSSH	131	45
>CEBPA-P14F AEPRPPMSSH	82	>CEBPA-P14F AEPRPRMSSH	70	12
>CEBPA-P14F EAEP RPPM	214	>CEBPA-P14F EAEP RPRM	2901	2687
>CEBPA-P14F YEAEP RPPM	319	>CEBPA-P14F YEAEP RPRM	3239	2920
>CEBPA-P14F YEAEP RPPM	16	>CEBPA-P14F YEAEP RPRM	323	307
>CEBPA-P14F YEAEP RPPM	413	>CEBPA-P14F YEAEP RPRM	6389	5976
>CEBPA-P14F YEAEP RPPM	202	>CEBPA-P14F YEAEP RPRM	3412	3210
>CEBPA-P14F YEAEP RPPM	50	>CEBPA-P14F YEAEP RPRM	366	316
>CEBPA-P14F YEAEP RPPM	122	>CEBPA-P14F YEAEP RPRM	881	759
>CEBPA-P14F YEAEP RPPM	16	>CEBPA-P14F YEAEP RPRM	17	1
>CEBPA-P14F FYEAEP RPP	30401	>CEBPA-P14F FYEAEP RPR	55	30346
>CEBPA-P14F DFYEAEP RPP	34825	>CEBPA-P14F DFYEAEP RPR	302	34523
>CEBPA-P14F DFYEAEP RPP	17017	>CEBPA-P14F DFYEAEP RPR	54	16963

>CEBPA-P14F DFYEAERPP	37432	>CEBPA-P14F DFYEAERPRR	172	37260
>CEBPA-P14F DFYEAERPP	190	>CEBPA-P14F DFYEAERPRR	1940	1750
>CEBPA-P14F DFYEAERPP	34314	>CEBPA-P14F DFYEAERPRR	230	34084
>CEBPA-P18( FPYQPPPP	11640	>CEBPA-P18( FHYQPPPP	274	11366
>CEBPA-P18( FPYQPPPP	8833	>CEBPA-P18( FHYQPPPP	238	8595
>CEBPA-P18( FPYQPPPPPP	8930	>CEBPA-P18( FHYQPPPPPP	231	8699
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>CEBPA-P18( FPYQPPPP	337	>CEBPA-P18( FHYQPPPP	21547	21210
>CEBPA-P18( FPYQPPPP	247	>CEBPA-P18( FHYQPPPP	20892	20645
>CEBPA-P18( FPYQPPPPPP	269	>CEBPA-P18( FHYQPPPPPP	20954	20685
>CEBPA-P18( FPYQPPPP	14	>CEBPA-P18( FHYQPPPP	3003	2989
>CEBPA-P18( FPYQPPPP	9	>CEBPA-P18( FHYQPPPP	1720	1711
>CEBPA-P18( FPYQPPPPPP	242	>CEBPA-P18( FHYQPPPPPP	25518	25276
>CEBPA-P18( FPYQPPPPPP	9	>CEBPA-P18( FHYQPPPPPP	1719	1710
>CEBPA-P18( ALAGLFPY	344	>CEBPA-P18( ALAGLFHY	476	132
>CEBPA-P18( ALAGLFPYQ	37	>CEBPA-P18( ALAGLFHYQ	8	29
>CEBPA-P18( ALAGLFPYQP	382	>CEBPA-P18( ALAGLFHYQF	121	261
>CEBPA-P18( ALAGLFPYQ	310	>CEBPA-P18( ALAGLFHYQ	527	217
>CEBPA-P18( ALAGLFPYQ	159	>CEBPA-P18( ALAGLFHYQ	97	62
>CEBPA-P18( ALAGLFPYQ	44	>CEBPA-P18( ALAGLFHYQ	73	29
>CEBPA-P18( ALAGLFPY	143	>CEBPA-P18( ALAGLFHY	96	47
>CEBPA-P18( ALAGLFPYQ	5	>CEBPA-P18( ALAGLFHYQ	3	2
>CEBPA-P18( ALAGLFPY	254	>CEBPA-P18( ALAGLFHY	260	6
>CEBPA-P18( ALAGLFPY	166	>CEBPA-P18( ALAGLFHY	592	426
>CEBPA-P18( ALAGLFPY	180	>CEBPA-P18( ALAGLFHY	152	28
>CEBPA-P18( ALAGLFPY	14	>CEBPA-P18( ALAGLFHY	12	2
>CEBPA-P18( ALAGLFPY	41	>CEBPA-P18( ALAGLFHY	24	17
>CEBPA-P18( ALAGLFPY	52	>CEBPA-P18( ALAGLFHY	14	38
>CEBPA-P18( ALAGLFPY	45	>CEBPA-P18( ALAGLFHY	50	5
>CEBPA-P18( ALAGLFPY	191	>CEBPA-P18( ALAGLFHY	614	423
>CEBPA-P18( ALAGLFPY	437	>CEBPA-P18( ALAGLFHY	2846	2409
>CEBPA-P18( ALAGLFPY	276	>CEBPA-P18( ALAGLFHY	157	119
>CEBPA-P18( LALAGLFPY	247	>CEBPA-P18( LALAGLFHY	429	182
>CEBPA-P18( LALAGLFPY	25	>CEBPA-P18( LALAGLFHY	18	7
>CEBPA-P18( LALAGLFPY	125	>CEBPA-P18( LALAGLFHY	66	59
>CEBPA-P18( LALAGLFPY	176	>CEBPA-P18( LALAGLFHY	52	124
>CEBPA-P18( LALAGLFPY	94	>CEBPA-P18( LALAGLFHY	117	23
>CEBPA-P18( LALAGLFPY	456	>CEBPA-P18( LALAGLFHY	2810	2354
>CEBPA-P18( LALAGLFPY	181	>CEBPA-P18( LALAGLFHY	608	427
>CEBPA-P18( LALAGLFPY	6	>CEBPA-P18( LALAGLFHY	6	0
>CEBPA-P18( LALAGLFPY	14	>CEBPA-P18( LALAGLFHY	136	122
>CEBPA-P18( LALAGLFPY	404	>CEBPA-P18( LALAGLFHY	195	209
>CEBPA-P18( LALAGLFPY	55	>CEBPA-P18( LALAGLFHY	21	34

>CEBPA-P18(LALAGLFPY	418	>CEBPA-P18(LALAGLFHY	2475	2057
>CEBPA-P18(QLALAGLFPY	1087	>CEBPA-P18(QLALAGLFHY	308	779
>CEBPA-P18(QLALAGLFPY	1056	>CEBPA-P18(QLALAGLFHY	325	731
>CEBPA-P18(QLALAGLFPY	295	>CEBPA-P18(QLALAGLFHY	396	101
>CEBPA-P18(QLALAGLFPY	90	>CEBPA-P18(QLALAGLFHY	100	10
>CEBPA-P18(QLALAGLFPY	124	>CEBPA-P18(QLALAGLFHY	127	3
>CEBPA-P18(QLALAGLFPY	47	>CEBPA-P18(QLALAGLFHY	17	30
>CEBPA-P18(QLALAGLFPY	81	>CEBPA-P18(QLALAGLFHY	95	14
>CEBPA-P18(QLALAGLFPY	69	>CEBPA-P18(QLALAGLFHY	240	171
>CEBPA-P18(QLALAGLFPY	293	>CEBPA-P18(QLALAGLFHY	350	57
>CEBPA-P18(KQLALAGLFP	68	>CEBPA-P18(KQLALAGLFH	112	44
>CEBPA-P18(KQLALAGLFP	191	>CEBPA-P18(KQLALAGLFH	680	489
>CEBPA-P18(KQLALAGLFP	131	>CEBPA-P18(KQLALAGLFH	101	30
>CEBPA-P18(KQLALAGLFP	51	>CEBPA-P18(KQLALAGLFH	30	21
>CEBPA-P18(KQLALAGLFP	220	>CEBPA-P18(KQLALAGLFH	1864	1644
>CEBPA-P18(KQLALAGLFP	16	>CEBPA-P18(KQLALAGLFH	7	9
>CEBPA-P18(KQLALAGLFP	60	>CEBPA-P18(KQLALAGLFH	60	0
>CEBPA-P18(KQLALAGLFP	246	>CEBPA-P18(KQLALAGLFH	989	743
>CEBPA-P18(KQLALAGLFP	10	>CEBPA-P18(KQLALAGLFH	16	6
>CEBPA-P18(KQLALAGLFP	273	>CEBPA-P18(KQLALAGLFH	359	86
>CEBPA-P18(KQLALAGLFP	1756	>CEBPA-P18(KQLALAGLFH	435	1321
>CEBPA-P23(PALGAAGL	10115	>CEBPA-P23(AALGAAGL	263	9852
>CEBPA-P23(PALGAAGL	2717	>CEBPA-P23(AALGAAGL	13	2704
>CEBPA-P23(APALGAAGL	37	>CEBPA-P23(AAALGAAGL	1142	1105
>CEBPA-P23(APALGAAGL	7066	>CEBPA-P23(AAALGAAGL	11	7055
>CEBPA-P23(APALGAAGL	205	>CEBPA-P23(AAALGAAGL	2979	2774
>CEBPA-P23(PAPALGAAGI	65	>CEBPA-P23(PAAALGAAGI	6638	6573
>CEBPA-P23(HPAPALGAA(	769	>CEBPA-P23(HPAAALGAA(	229	540
>CEBPA-P23(HPAPALGAA(	260	>CEBPA-P23(HPAAALGAA(	193	67
>CEBPA-P23(HPAPALGA	84	>CEBPA-P23(HPAAALGA	92	8
>CEBPA-P23(HPAPALGAA	13	>CEBPA-P23(HPAAALGAA	15	2
>CEBPA-P23(HPAPALGAA(	16	>CEBPA-P23(HPAAALGAA(	21	5
>CEBPA-P23(HPAPALGA	336	>CEBPA-P23(HPAAALGA	301	35
>CEBPA-P23(HPAPALGAA	47	>CEBPA-P23(HPAAALGAA	55	8
>CEBPA-P23(HPAPALGAA(	72	>CEBPA-P23(HPAAALGAA(	67	5
>CEBPA-P23(HPAPALGAA(	72	>CEBPA-P23(HPAAALGAA(	37	35
>CEBPA-P23(HPAPALGA	162	>CEBPA-P23(HPAAALGA	113	49
>CEBPA-P23(HPAPALGAA	9	>CEBPA-P23(HPAAALGAA	8	1
>CEBPA-P23(HPAPALGAA(	247	>CEBPA-P23(HPAAALGAA(	796	549
>CEBPA-P23(HPAPALGAA	139	>CEBPA-P23(HPAAALGAA	96	43
>CEBPA-P23(SHPAPAL	7	>CEBPA-P23(SHPAAAL	17	10
>CEBPA-P23(SHPAPAL	18	>CEBPA-P23(SHPAAAL	11	7
>CEBPA-P23(SHPAPALGA	74	>CEBPA-P23(SHPAAALGA	40	34

>CEBPA-P23:SPHPAPAL	244	>CEBPA-P23:SPHPAAAL	197	47
>CEBPA-P23:SPHPAPAL	57	>CEBPA-P23:SPHPAAAL	37	20
>CEBPA-P23:SPHPAPALGA	42	>CEBPA-P23:SPHPAAALGA	33	9
>CEBPA-P23:SPHPAPALGA	86	>CEBPA-P23:SPHPAAALGA	84	2
>CEBPA-P23:PSPHPAPAL	205	>CEBPA-P23:PSPHPAAAL	246	41
>CEBPA-P23:PSPHPAPAL	24	>CEBPA-P23:PSPHPAAAL	12	12
>CEBPA-P23:PSPHPAPALG	1186	>CEBPA-P23:PSPHPAAALG	391	795
>CEBPA-P23:VPSHPAP	12813	>CEBPA-P23:VPSHPAA	185	12628
>CEBPA-P23:VPSHPAPA	122	>CEBPA-P23:VPSHPAAA	150	28
>CEBPA-P23:VPSHPAPAL	695	>CEBPA-P23:VPSHPAAAL	222	473
>CEBPA-P23:VPSHPAP	2568	>CEBPA-P23:VPSHPAA	275	2293
>CEBPA-P23:VPSHPAPA	147	>CEBPA-P23:VPSHPAAA	114	33
>CEBPA-P23:VPSHPAPAL	110	>CEBPA-P23:VPSHPAAAL	67	43
>CEBPA-P23:VPSHPAP	3495	>CEBPA-P23:VPSHPAA	97	3398
>CEBPA-P23:VPSHPAPA	113	>CEBPA-P23:VPSHPAAA	142	29
>CEBPA-P23:PVPSHPAPA	114	>CEBPA-P23:PVPSHPAAA	63	51
>CEBPA-P23:TPVPSHPAP	439	>CEBPA-P23:TPVPSHPAA	520	81
>CEBPA-P23:TPVPSHPAP	143	>CEBPA-P23:TPVPSHPAA	109	34
>CEBPA-P23:TPVPSHPAP	5388	>CEBPA-P23:TPVPSHPAA	137	5251
>CEBPA-P23:TPVPSHPAP	31	>CEBPA-P23:TPVPSHPAA	33	2
>CEBPA-P39:PAQPPAPPA	6317	>CEBPA-P39:SAQPPAPPA	282	6035
>CEBPA-P39:GPAQPPAPP	121	>CEBPA-P39:GSAQPPAPP	19260	19139
>CEBPA-P39:GPAQPPAPP	72	>CEBPA-P39:GSAQPPAPP	19269	19197
>CEBPA-P39:FPRGAGPA	10	>CEBPA-P39:FPRGAGSA	10	0
>CEBPA-P39:FPRGAGPAQ	15	>CEBPA-P39:FPRGAGSAQ	9	6
>CEBPA-P39:FPRGAGPAQ	68	>CEBPA-P39:FPRGAGSAQ	51	17
>CEBPA-P39:FPRGAGPA	236	>CEBPA-P39:FPRGAGSA	859	623
>CEBPA-P39:FPRGAGPAQ	77	>CEBPA-P39:FPRGAGSAQ	70	7
>CEBPA-P39:FPRGAGPA	5	>CEBPA-P39:FPRGAGSA	7	2
>CEBPA-P39:FPRGAGPAQ	18	>CEBPA-P39:FPRGAGSAQ	25	7
>CEBPA-P39:FPRGAGPAQ	169	>CEBPA-P39:FPRGAGSAQ	196	27
>CEBPA-P39:FPRGAGPAQ	25	>CEBPA-P39:FPRGAGSAQ	40	15
>CEBPA-R14:RLEPLYERV	37	>CEBPA-R14:TLEPLYERV	45	8
>CEBPA-R14:RLEPLYERV	248	>CEBPA-R14:TLEPLYERV	614	366
>CEBPA-R14:RLEPLYERV	309	>CEBPA-R14:TLEPLYERV	922	613
>CEBPA-R14:RLEPLYERV	11	>CEBPA-R14:TLEPLYERV	38	27
>CEBPA-R14:RLEPLYERV	140	>CEBPA-R14:TLEPLYERV	471	331
>CEBPA-R14:RLEPLYERV	65	>CEBPA-R14:TLEPLYERV	142	77
>CEBPA-R14:RLEPLYERV	3	>CEBPA-R14:TLEPLYERV	3	0
>CEBPA-R14:RLEPLYERVG	75	>CEBPA-R14:TLEPLYERVG	96	21
>CEBPA-R14:RLEPLYER	15	>CEBPA-R14:TLEPLYER	79	64
>CEBPA-R14:RLEPLYER	3909	>CEBPA-R14:TLEPLYER	255	3654
>CEBPA-R14:RLEPLYERV	9351	>CEBPA-R14:TLEPLYERV	410	8941

>CEBPA-R14;RLEPLYER	81	>CEBPA-R14;TLEPLYER	379	298
>CEBPA-R14;GRLEPLYERV	7354	>CEBPA-R14;GTLEPLYERV	448	6906
>CEBPA-R14;GRLEPLYERV	5853	>CEBPA-R14;GTLEPLYERV	180	5673
>CEBPA-R14;GRLEPLYERV	426	>CEBPA-R14;GTLEPLYERV	6	420
>CEBPA-R14;GRLEPLYERV	3987	>CEBPA-R14;GTLEPLYERV	60	3927
>CEBPA-R14;GRLEPLYERV	2873	>CEBPA-R14;GTLEPLYERV	25	2848
>CEBPA-R14;GRLEPLYERV	4909	>CEBPA-R14;GTLEPLYERV	64	4845
>CEBPA-R14;GRLEPLYER	19810	>CEBPA-R14;GTLEPLYER	48	19762
>CEBPA-R14;GRLEPLYER	7466	>CEBPA-R14;GTLEPLYER	22	7444
>CEBPA-R14;GRLEPLYER	12522	>CEBPA-R14;GTLEPLYER	270	12252
>CEBPA-R14;GRLEPLYER	16140	>CEBPA-R14;GTLEPLYER	187	15953
>CEBPA-R14;GRLEPLYERV	15406	>CEBPA-R14;GTLEPLYERV	37	15369
>CEBPA-R14;GRLEPLYER	192	>CEBPA-R14;GTLEPLYER	19253	19061
>CEBPA-R14;GRLEPLYERV	200	>CEBPA-R14;GTLEPLYERV	27472	27272
>CEBPA-R14;GRLEPLYER	5727	>CEBPA-R14;GTLEPLYER	170	5557
>CEBPA-R14;YLDGRLEPLY	163	>CEBPA-R14;YLDGTLEPLY	115	48
>CEBPA-R14;YLDGRLEPL	9	>CEBPA-R14;YLDGTLEPL	9	0
>CEBPA-R14;YLDGRLEPL	3	>CEBPA-R14;YLDGTLEPL	4	1
>CEBPA-R14;YLDGRLEPL	15	>CEBPA-R14;YLDGTLEPL	17	2
>CEBPA-R14;YLDGRLEPL	5	>CEBPA-R14;YLDGTLEPL	6	1
>CEBPA-R14;YLDGRLEP	881	>CEBPA-R14;YLDGTLEP	178	703
>CEBPA-R14;YLDGRLEPL	2	>CEBPA-R14;YLDGTLEPL	2	0
>CEBPA-R14;YLDGRLEPLY	327	>CEBPA-R14;YLDGTLEPLY	163	164
>CEBPA-R14;YLDGRLEPLYI	238	>CEBPA-R14;YLDGTLEPLYE	114	124
>CEBPA-R14;YLDGRLEPL	3	>CEBPA-R14;YLDGTLEPL	3	0
>CEBPA-R14;YLDGRLEPL	7	>CEBPA-R14;YLDGTLEPL	5	2
>CEBPA-R14;YLDGRLEPLY	807	>CEBPA-R14;YLDGTLEPLY	337	470
>CEBPA-R14;YLDGRLEPL	6	>CEBPA-R14;YLDGTLEPL	3	3
>CEBPA-R14;YLDGRLEP	420	>CEBPA-R14;YLDGTLEP	241	179
>CEBPA-R14;YLDGRLEPL	2	>CEBPA-R14;YLDGTLEPL	2	0
>CEBPA-R14;YLDGRLEPLY	97	>CEBPA-R14;YLDGTLEPLY	91	6
>CEBPA-R14;YLDGRLEPLYI	570	>CEBPA-R14;YLDGTLEPLYE	480	90
>CEBPA-R14;YLDGRLEPLY	608	>CEBPA-R14;YLDGTLEPLY	173	435
>CEBPA-R14;YLDGRLEPLY	627	>CEBPA-R14;YLDGTLEPLY	419	208
>CEBPA-R14;YLDGRLEPL	1434	>CEBPA-R14;YLDGTLEPL	211	1223
>CEBPA-R14;YLDGRLEPLY	61	>CEBPA-R14;YLDGTLEPLY	73	12
>CEBPA-R14;YLDGRLEPLY	578	>CEBPA-R14;YLDGTLEPLY	447	131
>CEBPA-R14;YLDGRLEPL	1237	>CEBPA-R14;YLDGTLEPL	189	1048
>CEBPA-R14;GYLDGRLEPL	340	>CEBPA-R14;GYLDGTLEPL	378	38
>CEBPA-R14;GYLDGRLEPL	30	>CEBPA-R14;GYLDGTLEPL	17	13
>CEBPA-R14;GYLDGRLEPL	11	>CEBPA-R14;GYLDGTLEPL	9	2
>CEBPA-R14;GYLDGRLEPL	111	>CEBPA-R14;GYLDGTLEPL	117	6
>CEBPA-R14;GYLDGRLEPL	1125	>CEBPA-R14;GYLDGTLEPL	364	761

>CEBPA-R14:GYLDGRLEPL	403	>CEBPA-R14:GYLDGTLEPL	340	63
>CEBPA-R14:GYLDGRLEPL	833	>CEBPA-R14:GYLDGTLEPL	475	358
>CEBPA-R14:AAAGYLDGRI	1190	>CEBPA-R14:AAAGYLDGTI	443	747
>CEBPA-R14:AAAGYLDGR	107	>CEBPA-R14:AAAGYLDGT	31558	31451
>CEBPA-R14:AAAGYLDGRI	257	>CEBPA-R14:AAAGYLDGTI	156	101
>CEBPA-R14:CAAAGYLDGI	52	>CEBPA-R14:CAAAGYLDG	30319	30267
>CEBPA-R14:CAAAGYLDGI	313	>CEBPA-R14:CAAAGYLDG	118	195
>CEBPA-R28:RERNNIIV	451	>CEBPA-R28:PERNNIIV	12337	11886
>CEBPA-R28:RERNNIIVRK	45	>CEBPA-R28:PERNNIIVRK	5799	5754
>CEBPA-R28:RERNNIIVR	226	>CEBPA-R28:PERNNIIVR	10678	10452
>CEBPA-R28:RERNNIIV	253	>CEBPA-R28:PERNNIIV	7510	7257
>CEBPA-R28:RERNNIIV	130	>CEBPA-R28:PERNNIIV	6215	6085
>CEBPA-R28:RERNNIIV	31	>CEBPA-R28:PERNNIIV	2180	2149
>CEBPA-R28:RERNNIIV	113	>CEBPA-R28:PERNNIIV	3149	3036
>CEBPA-R28:RERNNIIVRK	374	>CEBPA-R28:PERNNIIVRK	13962	13588
>CEBPA-R28:RERNNIIVR	370	>CEBPA-R28:PERNNIIVR	3963	3593
>CEBPA-R28:RRERNNIA	25009	>CEBPA-R28:RPERNNIA	179	24830
>CEBPA-R28:RRERNNIIV	18648	>CEBPA-R28:RPERNNIIV	19	18629
>CEBPA-R28:RRERNNIIVR	55	>CEBPA-R28:RPERNNIIVR	22299	22244
>CEBPA-R28:RRERNNIIVR	186	>CEBPA-R28:RPERNNIIVR	19066	18880
>CEBPA-R28:RRERNNIA	110	>CEBPA-R28:RPERNNIA	13425	13315
>CEBPA-R28:RRERNNIIV	76	>CEBPA-R28:RPERNNIIV	13028	12952
>CEBPA-R28:RRERNNIIVR	75	>CEBPA-R28:RPERNNIIVR	17922	17847
>CEBPA-R28:RRERNNIIVR	218	>CEBPA-R28:RPERNNIIVR	19271	19053
>CEBPA-R28:RRERNNIIV	101	>CEBPA-R28:RPERNNIIV	11816	11715
>CEBPA-R28:RRERNNIIVR	82	>CEBPA-R28:RPERNNIIVR	22052	21970
>CEBPA-R28:RRERNNIIVR	102	>CEBPA-R28:RPERNNIIVR	13394	13292
>CEBPA-R28:RRERNNIIVR	351	>CEBPA-R28:RPERNNIIVR	393	42
>CEBPA-R28:DKNSNEYRVF	497	>CEBPA-R28:DKNSNEYRVF	39850	39353
>CEBPA-R28:VRRERNNIIV	312	>CEBPA-R28:VRPERNNIIV	3378	3066
>CEBPA-R28:VRRERNNI	464	>CEBPA-R28:VRPERNNI	6861	6397
>CEBPA-R28:VRRERNNIIV	215	>CEBPA-R28:VRPERNNIIV	1107	892
>CEBPA-R28:RVRERNNIA	594	>CEBPA-R28:RVRPERNNIA	206	388
>CEBPA-R28:RVRERNNN	49	>CEBPA-R28:RVRPERNN	83	34
>CEBPA-R28:RVRERNNI	4	>CEBPA-R28:RVRPERNNI	4	0
>CEBPA-R28:RVRERNNIA	4	>CEBPA-R28:RVRPERNNIA	4	0
>CEBPA-R28:RVRERNNIA	3	>CEBPA-R28:RVRPERNNIA	4	1
>CEBPA-R28:RVRERNNI	473	>CEBPA-R28:RVRPERNNI	309	164
>CEBPA-R28:RVRERNNIA	46	>CEBPA-R28:RVRPERNNIA	38	8
>CEBPA-R28:RVRERNNI	1733	>CEBPA-R28:RVRPERNNI	448	1285
>CEBPA-R28:YRVRERNNI	433	>CEBPA-R28:YRVRPERNNI	240	193
>CEBPA-R28:EYRVRERNNI	407	>CEBPA-R28:EYRVRPERNNI	1213	806
>CEBPA-R28:EYRVRER	159	>CEBPA-R28:EYRVRPER	244	85



>CEBPA-R28;EYRVRER	11	>CEBPA-R28;EYRVRPER	13	2
>CEBPA-R28;EYRVRER	605	>CEBPA-R28;EYRVRPER	479	126
>CEBPA-R28;EYRVRER	500	>CEBPA-R28;EYRVRPER	386	114
>CEBPA-R28;NEYRVRER	387	>CEBPA-R28;NEYRVRPER	1454	1067
>CEBPA-R28;NEYRVRER	666	>CEBPA-R28;NEYRVRPER	211	455
>CEBPA-R28;NEYRVRRE	4042	>CEBPA-R28;NEYRVRPE	352	3690
>CEBPA-R28;NEYRVRER	376	>CEBPA-R28;NEYRVRPER	285	91
>CEBPA-R28;NSNEYRVR	25	>CEBPA-R28;NSNEYRVRP	18833	18808
>CEBPA-R28;NSNEYRVRRE	53	>CEBPA-R28;NSNEYRVRPE	39	14
>CEBPA-R28;NSNEYRVR	70	>CEBPA-R28;NSNEYRVRP	27865	27795
>CEBPA-R28;NSNEYRVRRE	89	>CEBPA-R28;NSNEYRVRPE	87	2
>CEBPA-R28;NSNEYRVR	19	>CEBPA-R28;NSNEYRVRP	24045	24026
>CEBPA-R28;NSNEYRVRRE	32	>CEBPA-R28;NSNEYRVRPE	17	15
>CEBPA-R28;KNSNEYRVRF	183	>CEBPA-R28;KNSNEYRVRF	26843	26660
>CEBPA-R28;KNSNEYRVRF	150	>CEBPA-R28;KNSNEYRVRF	33280	33130
>CEBPA-R29;RKS RDKAK	344	>CEBPA-R29;PKSRDKAK	7352	7008
>CEBPA-R29;AVRKS RDK	317	>CEBPA-R29;AVPKSRDK	2316	1999
>CEBPA-R29;AVRKS RDK	4	>CEBPA-R29;AVPKSRDK	1402	1398
>CEBPA-R29;AVRKS RDKA	20	>CEBPA-R29;AVPKSRDKA	10097	10077
>CEBPA-R29;AVRKS RDKAK	4	>CEBPA-R29;AVPKSRDKAK	1200	1196
>CEBPA-R29;AVRKS RDKAK	149	>CEBPA-R29;AVPKSRDKAK	13637	13488
>CEBPA-R29;NIAVRKSR	206	>CEBPA-R29;NIAVPKSR	959	753
>CEBPA-R29;NIAVRKSR	53	>CEBPA-R29;NIAVPKSR	91	38
>CEBPA-R29;NIAVRKSRDK	1215	>CEBPA-R29;NIAVPKSRDK	422	793
>CEBPA-R29;NIAVRKSRDK	1267	>CEBPA-R29;NIAVPKSRDK	348	919
>CEBPA-R29;NNIAVRKSR	135	>CEBPA-R29;NNIAVPKSR	331	196
>CEBPA-R29;RNNIAVRK	353	>CEBPA-R29;RNNIAVPK	54	299
>CEBPA-R29;RNNIAVRKSR	174	>CEBPA-R29;RNNIAVPKSR	707	533
>CEBPA-R29;ERNNIAVR	192	>CEBPA-R29;ERNNIAVP	35596	35404
>CEBPA-R29;ERNNIAVRK	466	>CEBPA-R29;ERNNIAVPK	377	89
>CEBPA-R29;ERNNIAVRKS	299	>CEBPA-R29;ERNNIAVPKS	450	151
>CEBPA-R29;ERNNIAVRK	233	>CEBPA-R29;ERNNIAVPK	155	78
>CEBPA-R29;RERNNIAVRK	45	>CEBPA-R29;RERNNIAVPK	12	33
>CEBPA-R29;RERNNIAVR	226	>CEBPA-R29;RERNNIAVP	21761	21535
>CEBPA-R29;RERNNIAVRK	709	>CEBPA-R29;RERNNIAVPK	383	326
>CEBPA-R29;RERNNIAVRK	374	>CEBPA-R29;RERNNIAVPK	89	285
>CEBPA-R29;RERNNIAVR	370	>CEBPA-R29;RERNNIAVP	34937	34567
>CEBPA-R29;RRERNNIAVR	55	>CEBPA-R29;RRERNNIAVP	2840	2785
>CEBPA-R29;RRERNNIAVR	186	>CEBPA-R29;RRERNNIAVP	151	35
>CEBPA-R29;RRERNNIAVR	75	>CEBPA-R29;RRERNNIAVP	585	510
>CEBPA-R29;RRERNNIAVR	218	>CEBPA-R29;RRERNNIAVP	232	14
>CEBPA-R29;RRERNNIAVR	82	>CEBPA-R29;RRERNNIAVP	1329	1247
>CEBPA-R29;RRERNNIAVR	102	>CEBPA-R29;RRERNNIAVP	137	35

>CEBPA-R29;RRERNNIAVR	351	>CEBPA-R29;RRERNNIAVP	35269	34918
>CEBPA-R30(ERNNIAVRKS	299	>CEBPA-R30(ERNNIAVRKS	38823	38524
>CEBPA-R30(KSRDKAKQ	63	>CEBPA-R30(KSGDKAKQ	11344	11281
>CEBPA-R30(KSRDKAKQR	28	>CEBPA-R30(KSGDKAKQR	10752	10724
>CEBPA-R30(KSRDKAKQR	202	>CEBPA-R30(KSGDKAKQR	13547	13345
>CEBPA-R30(KSRDKAKQR	8	>CEBPA-R30(KSGDKAKQR	3912	3904
>CEBPA-R30(KSRDKAKQR	45	>CEBPA-R30(KSGDKAKQR	265	220
>CEBPA-R30(KSRDKAKQ	315	>CEBPA-R30(KSGDKAKQ	5608	5293
>CEBPA-R30(KSRDKAKQR	161	>CEBPA-R30(KSGDKAKQR	3549	3388
>CEBPA-R30(KSRDKAKQR	35	>CEBPA-R30(KSGDKAKQR	697	662
>CEBPA-R30(KSRDKAKQR	480	>CEBPA-R30(KSGDKAKQR	232	248
>CEBPA-R30(RKSRDKAK	344	>CEBPA-R30(RKSGDKAK	1463	1119
>CEBPA-R30(AVRKSRDK	317	>CEBPA-R30(AVRKSGDK	262	55
>CEBPA-R30(AVRKSRDK	4	>CEBPA-R30(AVRKSGDK	5	1
>CEBPA-R30(AVRKSRDKA	20	>CEBPA-R30(AVRKSGDKA	79	59
>CEBPA-R30(AVRKSRDKA	4	>CEBPA-R30(AVRKSGDKA	5	1
>CEBPA-R30(AVRKSRDKA	149	>CEBPA-R30(AVRKSGDKA	365	216
>CEBPA-R30(NIAVRKSR	206	>CEBPA-R30(NIAVRKSG	33214	33008
>CEBPA-R30(NIAVRKSR	53	>CEBPA-R30(NIAVRKSG	29517	29464
>CEBPA-R30(NNIAVRKSR	135	>CEBPA-R30(NNIAVRKSG	36052	35917
>CEBPA-R30(RNNIAVRKSR	174	>CEBPA-R30(RNNIAVRKSG	30639	30465
>CEBPA-R30(SRDKAKQRN	16432	>CEBPA-R30(SLDKAKQRN	11	16421
>CEBPA-R30(SRDKAKQRN	21906	>CEBPA-R30(SLDKAKQRN	78	21828
>CEBPA-R30(SRDKAKQRN	14963	>CEBPA-R30(SLDKAKQRN	10	14953
>CEBPA-R30(SRDKAKQRN	23507	>CEBPA-R30(SLDKAKQRN	276	23231
>CEBPA-R30(SRDKAKQRN	18920	>CEBPA-R30(SLDKAKQRN	8	18912
>CEBPA-R30(ERNNIAVRKS	299	>CEBPA-R30(ERNNIAVRKS	33165	32866
>CEBPA-R30(ERNNIAVRKS	20925	>CEBPA-R30(ERNNIAVRKS	498	20427
>CEBPA-R30(KSRDKAKQ	63	>CEBPA-R30(KSLDKAKQ	4408	4345
>CEBPA-R30(KSRDKAKQR	28	>CEBPA-R30(KSLDKAKQR	3110	3082
>CEBPA-R30(KSRDKAKQR	202	>CEBPA-R30(KSLDKAKQR	7275	7073
>CEBPA-R30(KSRDKAKQR	8	>CEBPA-R30(KSLDKAKQR	437	429
>CEBPA-R30(KSRDKAKQR	45	>CEBPA-R30(KSLDKAKQR	60	15
>CEBPA-R30(KSRDKAKQ	315	>CEBPA-R30(KSLDKAKQ	823	508
>CEBPA-R30(KSRDKAKQR	161	>CEBPA-R30(KSLDKAKQR	427	266
>CEBPA-R30(KSRDKAKQR	35	>CEBPA-R30(KSLDKAKQR	62	27
>CEBPA-R30(KSRDKAKQR	480	>CEBPA-R30(KSLDKAKQR	127	353
>CEBPA-R30(RKSRDKAK	344	>CEBPA-R30(RKSLDKAK	1233	889
>CEBPA-R30(AVRKSRDK	317	>CEBPA-R30(AVRKSLDK	151	166
>CEBPA-R30(AVRKSRDK	2293	>CEBPA-R30(AVRKSLDK	492	1801
>CEBPA-R30(AVRKSRDK	4	>CEBPA-R30(AVRKSLDK	4	0
>CEBPA-R30(AVRKSRDKA	20	>CEBPA-R30(AVRKSLDKA	48	28
>CEBPA-R30(AVRKSRDKA	4	>CEBPA-R30(AVRKSLDKA	5	1

>CEBPA-R30(AVRKSRDKAK	149	>CEBPA-R30(AVRKSLDKAK	302	153
>CEBPA-R30(NIAVRKSRDK	801	>CEBPA-R30(NIAVRKSLDK	193	608
>CEBPA-R30(NIAVRKSRDK	2710	>CEBPA-R30(NIAVRKSLDK	205	2505
>CEBPA-R30(NIAVRKSR	206	>CEBPA-R30(NIAVRKSL	23264	23058
>CEBPA-R30(NIAVRKSR	53	>CEBPA-R30(NIAVRKSL	20368	20315
>CEBPA-R30(NIAVRKSRDK	1215	>CEBPA-R30(NIAVRKSLDK	231	984
>CEBPA-R30(NIAVRKSR	10321	>CEBPA-R30(NIAVRKSL	110	10211
>CEBPA-R30(NNIAVRKSR	135	>CEBPA-R30(NNIAVRKSL	28592	28457
>CEBPA-R30(RNNIAVRKSR	174	>CEBPA-R30(RNNIAVRKSL	20877	20703
>CEBPA-R30(KQRNVETQQ	743	>CEBPA-R30(KQPNVETQQ	98	645
>CEBPA-R30(KQRNVETQQ	1059	>CEBPA-R30(KQPNVETQQ	155	904
>CEBPA-R30(KQRNVETQQ	1704	>CEBPA-R30(KQPNVETQQ	123	1581
>CEBPA-R30(KQRNVETQQ	8	>CEBPA-R30(KQPNVETQQ	3959	3951
>CEBPA-R30(KQRNVETQQ	121	>CEBPA-R30(KQPNVETQQ	13655	13534
>CEBPA-R30(KQRNVETQQ	281	>CEBPA-R30(KQPNVETQQ	3425	3144
>CEBPA-R30(KQRNVETQQ	54	>CEBPA-R30(KQPNVETQQ	760	706
>CEBPA-R30(KSRDKAKQR	28	>CEBPA-R30(KSRDKAKQP	244	216
>CEBPA-R30(KSRDKAKQR	202	>CEBPA-R30(KSRDKAKQP	45	157
>CEBPA-R30(KSRDKAKQR	8	>CEBPA-R30(KSRDKAKQP	6	2
>CEBPA-R30(KSRDKAKQR	45	>CEBPA-R30(KSRDKAKQP	20292	20247
>CEBPA-R30(KSRDKAKQR	161	>CEBPA-R30(KSRDKAKQP	910	749
>CEBPA-R30(KSRDKAKQR	35	>CEBPA-R30(KSRDKAKQP	22	13
>CEBPA-R30(KSRDKAKQR	480	>CEBPA-R30(KSRDKAKQP	32778	32298
>CEBPA-R33(LRGIFRQL	24261	>CEBPA-R33(LPGIFRQL	102	24159
>CEBPA-R33(LRGIFRQL	316	>CEBPA-R33(LPGIFRQL	23766	23450
>CEBPA-R33(LRGIFRQL	73	>CEBPA-R33(LPGIFRQL	6190	6117
>CEBPA-R33(EQLSRELDLFI	242	>CEBPA-R33(EQLSRELDLFI	35527	35285
>CEBPA-R33(EQLSRELDLFI	353	>CEBPA-R33(EQLSRELDLFI	37618	37265
>CEBPA-R33(EQLSRELDLFI	212	>CEBPA-R33(EQLSRELDLFI	34720	34508
>CEBPA-R33(TLRGIFRQL	322	>CEBPA-R33(TLPGIFRQL	70	252
>CEBPA-R33(TLRGIFRQL	268	>CEBPA-R33(TLPGIFRQL	221	47
>CEBPA-R33(TLRGIFRQL	712	>CEBPA-R33(TLPGIFRQL	96	616
>CEBPA-R33(TLRGIFRQ	137	>CEBPA-R33(TLPGIFRQ	83	54
>CEBPA-R33(TLRGIFRQL	16	>CEBPA-R33(TLPGIFRQL	10	6
>CEBPA-R33(TLRGIFRQL	200	>CEBPA-R33(TLPGIFRQL	6369	6169
>CEBPA-R33(TLRGIFRQL	6962	>CEBPA-R33(TLPGIFRQL	12	6950
>CEBPA-R33(DTLRGIFRQL	161	>CEBPA-R33(DTLPGIFRQL	342	181
>CEBPA-R33(DTLRGIFR	105	>CEBPA-R33(DTLPGIFR	162	57
>CEBPA-R33(DTLRGIFR	8	>CEBPA-R33(DTLPGIFR	10	2
>CEBPA-R33(DTLRGIFR	11	>CEBPA-R33(DTLPGIFR	11	0
>CEBPA-R33(DTLRGIFRQL	52	>CEBPA-R33(DTLPGIFRQL	35	17
>CEBPA-R33(DTLRGIFRQL	1317	>CEBPA-R33(DTLPGIFRQL	158	1159
>CEBPA-R33(ELDTLRGI	514	>CEBPA-R33(ELDTLPGI	59	455

>CEBPA-R33!ELDTLRGI	2586	>CEBPA-R33!ELDTLPGI	356	2230
>CEBPA-R33!ELDTLRGI	2808	>CEBPA-R33!ELDTLPGI	144	2664
>CEBPA-R33!ELDTLRGI	2408	>CEBPA-R33!ELDTLPGI	139	2269
>CEBPA-R33!ELDTLRGI	3133	>CEBPA-R33!ELDTLPGI	489	2644
>CEBPA-R33!ELDTLRGIFR	341	>CEBPA-R33!ELDTLPGIFR	2339	1998
>CEBPA-R33!ELDTLRGIFR	75	>CEBPA-R33!ELDTLPGIFR	380	305
>CEBPA-R33!ELDTLRGIFR	66	>CEBPA-R33!ELDTLPGIFR	56	10
>CEBPA-R33!ELDTLRGI	602	>CEBPA-R33!ELDTLPGI	54	548
>CEBPA-R33!RELDTLRGI	19	>CEBPA-R33!RELDTLPGI	29	10
>CEBPA-R33!RELDTLRGI	1344	>CEBPA-R33!RELDTLPGI	79	1265
>CEBPA-R33!RELDTLRGIFF	253	>CEBPA-R33!RELDTLPGIFR	349	96
>CEBPA-R33!RELDTLRGIF	107	>CEBPA-R33!RELDTLPGIF	93	14
>CEBPA-R33!RELDTLRGI	32	>CEBPA-R33!RELDTLPGI	16	16
>CEBPA-R33!RELDTLRGI	172	>CEBPA-R33!RELDTLPGI	70	102
>CEBPA-R33!RELDTLRGIF	601	>CEBPA-R33!RELDTLPGIF	494	107
>CEBPA-R33!RELDTLRGIF	283	>CEBPA-R33!RELDTLPGIF	227	56
>CEBPA-R33!RELDTLRGI	1298	>CEBPA-R33!RELDTLPGI	487	811
>CEBPA-R33!RELDTLRGIF	2042	>CEBPA-R33!RELDTLPGIF	338	1704
>CEBPA-R33!RELDTLRGI	4	>CEBPA-R33!RELDTLPGI	2	2
>CEBPA-R33!RELDTLRGIF	68	>CEBPA-R33!RELDTLPGIF	46	22
>CEBPA-R33!RELDTLRGIFF	78	>CEBPA-R33!RELDTLPGIFR	69	9
>CEBPA-R33!SRELDTLRGI	929	>CEBPA-R33!SRELDTLPGI	492	437
>CEBPA-R33!SRELDTLRGIF	92	>CEBPA-R33!SRELDTLPGIF	125	33
>CEBPA-R33!LSRELDTLRGI	323	>CEBPA-R33!LSRELDTLPGI	123	200
>CEBPA-R33!LSRELDTLR	45	>CEBPA-R33!LSRELDTLP	19407	19362
>CEBPA-R33!LSRELDTLR	128	>CEBPA-R33!LSRELDTLP	30038	29910
>CEBPA-R33!LSRELDTLR	288	>CEBPA-R33!LSRELDTLP	36871	36583
>CEBPA-R33!LSRELDTLRGI	47	>CEBPA-R33!LSRELDTLPGI	30	17
>CEBPA-R33!LSRELDTLRGI	100	>CEBPA-R33!LSRELDTLPGI	74	26
>CEBPA-S21!SPPHAPSSAA	212	>CEBPA-S21!GPPHAPSSAA	99	113
>CEBPA-S21!SPPHAPSSAA	22	>CEBPA-S21!GPPHAPSSAA	144	122
>CEBPA-S21!SPPHAPSSA	479	>CEBPA-S21!GPPHAPSSA	2899	2420
>CEBPA-S21!SPPHAPSSAA	235	>CEBPA-S21!GPPHAPSSAA	3681	3446
>CEBPA-S21!SPPHAPSSAA	66	>CEBPA-S21!GPPHAPSSAA	263	197
>CEBPA-S21!SPPHAPSSAA	337	>CEBPA-S21!GPPHAPSSAA	907	570
>CEBPA-S21!SPPHAPSSAA	46	>CEBPA-S21!GPPHAPSSAA	128	82
>CEBPA-S21!SPPHAPSSAA	61	>CEBPA-S21!GPPHAPSSAA	2040	1979
>CEBPA-S21!QSPPHAPSS	265	>CEBPA-S21!QGPPHAPSS	8058	7793
>CEBPA-S21!QSPPHAPSSA	263	>CEBPA-S21!QGPPHAPSSA	9355	9092
>CEBPA-S21!LQSPHAPSS	183	>CEBPA-S21!LQGPPHAPSS	1377	1194
>CEBPA-S21!LQSPHAPSS	187	>CEBPA-S21!LQGPPHAPSS	732	545
>CEBPA-S21!LQSPHAPS	347	>CEBPA-S21!LQGPPHAPS	560	213
>CEBPA-S21!LQSPHAPSS	154	>CEBPA-S21!LQGPPHAPSS	214	60

>CEBPA-S21C LQSPPHAPSS	70	>CEBPA-S21C LQGPPHAPSS	425	355
>CEBPA-S21C HLQSPPHA	161	>CEBPA-S21C HLQGPPHA	83	78
>CEBPA-S21C HLQSPPHA	235	>CEBPA-S21C HLQGPPHA	269	34
>CEBPA-S21C HLQSPPHA	494	>CEBPA-S21C HLQGPPHA	262	232
>CEBPA-S21C HLQSPPHA	39	>CEBPA-S21C HLQGPPHA	18	21
>CEBPA-S21C SSSLQSPPH	140	>CEBPA-S21C SSSLQGPPH	527	387
>CEBPA-S21C SSSLQSPPHA	15	>CEBPA-S21C SSSLQGPPH/	29	14
>CEBPA-S21C MSSHLQSPPI	215	>CEBPA-S21C MSSHLQGPP	329	114
>CEBPA-S21C MSSHLQSPPI	332	>CEBPA-S21C MSSHLQGPP	394	62
>CEBPA-S21C MSSHLQSPPI	359	>CEBPA-S21C MSSHLQGPP	842	483
>CEBPA-S21F SPPHAPSSAA	212	>CEBPA-S21F RPPHAPSSAA	635	423
>CEBPA-S21F SPPHAPSSAA	22	>CEBPA-S21F RPPHAPSSAA	47	25
>CEBPA-S21F SPPHAPSSA	479	>CEBPA-S21F RPPHAPSSA	83	396
>CEBPA-S21F SPPHAPSSAA	235	>CEBPA-S21F RPPHAPSSAA	145	90
>CEBPA-S21F SPPHAPSSAA	66	>CEBPA-S21F RPPHAPSSAA	25	41
>CEBPA-S21F SPPHAPSSAA	337	>CEBPA-S21F RPPHAPSSAA	58	279
>CEBPA-S21F SPPHAPSSAA	46	>CEBPA-S21F RPPHAPSSAA	61	15
>CEBPA-S21F SPPHAPSSAA	61	>CEBPA-S21F RPPHAPSSAA	199	138
>CEBPA-S21F SPPHAPSSAA	605	>CEBPA-S21F RPPHAPSSAA	459	146
>CEBPA-S21F QSPPHAPSS	265	>CEBPA-S21F QRPPHAPSS	26240	25975
>CEBPA-S21F QSPPHAPSSA	263	>CEBPA-S21F QRPPHAPSSA	29559	29296
>CEBPA-S21F LQSPPHAPSS	183	>CEBPA-S21F LQRPPHAPSS	485	302
>CEBPA-S21F LQSPPHAPSS	187	>CEBPA-S21F LQRPPHAPSS	1844	1657
>CEBPA-S21F LQSPPHAPS	11696	>CEBPA-S21F LQRPPHAPS	160	11536
>CEBPA-S21F LQSPPHAPSS	13438	>CEBPA-S21F LQRPPHAPSS	385	13053
>CEBPA-S21F LQSPPHAPSS	6811	>CEBPA-S21F LQRPPHAPSS	47	6764
>CEBPA-S21F LQSPPHAPS	347	>CEBPA-S21F LQRPPHAPS	197	150
>CEBPA-S21F LQSPPHAPSS	154	>CEBPA-S21F LQRPPHAPSS	95	59
>CEBPA-S21F LQSPPHAP	932	>CEBPA-S21F LQRPPHAP	431	501
>CEBPA-S21F LQSPPHAPS	564	>CEBPA-S21F LQRPPHAPS	269	295
>CEBPA-S21F LQSPPHAPSS	851	>CEBPA-S21F LQRPPHAPSS	341	510
>CEBPA-S21F LQSPPHAPSS	70	>CEBPA-S21F LQRPPHAPSS	33	37
>CEBPA-S21F HLQSPPHA	161	>CEBPA-S21F HLQRPPHA	292	131
>CEBPA-S21F HLQSPPHA	235	>CEBPA-S21F HLQRPPHA	325	90
>CEBPA-S21F HLQSPPHA	494	>CEBPA-S21F HLQRPPHA	1042	548
>CEBPA-S21F HLQSPPHA	39	>CEBPA-S21F HLQRPPHA	42	3
>CEBPA-S21F SSSLQSPPH	140	>CEBPA-S21F SSSLQRPPH	112	28
>CEBPA-S21F SSSLQSPPHA	15	>CEBPA-S21F SSSLQRPPHA	15	0
>CEBPA-S21F MSSHLQSPPI	215	>CEBPA-S21F MSSHLQRPPI	235	20
>CEBPA-S21F MSSHLQSPPI	332	>CEBPA-S21F MSSHLQRPPI	833	501
>CEBPA-S21F MSSHLQSPPI	359	>CEBPA-S21F MSSHLQRPPI	1953	1594
>CEBPA-S21F PMSSHLQS	22495	>CEBPA-S21F PMSSHLQR	481	22014
>CEBPA-S21F PMSSHLQS	34019	>CEBPA-S21F PMSSHLQR	466	33553

>CEBPA-S21FRPPMSSHLQI	29266	>CEBPA-S21FRPPMSSHLQI	402	28864
>CEBPA-S21FRPPMSSHLQI	28986	>CEBPA-S21FRPPMSSHLQI	143	28843
>CEBPA-V31VLELTSDNDR	270	>CEBPA-V31MLELTSDNDR	36	234
>CEBPA-V31VLELTSDNDR	106	>CEBPA-V31MLELTSDNDR	48	58
>CEBPA-V31KVLELTSDND	128	>CEBPA-V31KMLELTSDND	40	88
>CEBPA-V31KVLELTSDND	93	>CEBPA-V31KMLELTSDND	32	61
>CEBPA-V31KQRNVETQQ	121	>CEBPA-V31KQRNVETQQ	185	64
>CEBPA-V31KQRNVETQQ	5102	>CEBPA-V31KQRNVETQQ	419	4683
>CEBPA-V31KQRNVETQQ	54	>CEBPA-V31KQRNVETQQ	13	41
>CEBPA-V31TQQKVLEL	198	>CEBPA-V31TQQKMLEL	346	148
>CEBPA-V31ETQQKVLEL	1963	>CEBPA-V31ETQQKMLEL	227	1736
>CEBPA-V31ETQQKVLEL	1678	>CEBPA-V31ETQQKMLEL	297	1381
>CEBPA-V31ETQQKVLEL	175	>CEBPA-V31ETQQKMLEL	27	148
>CEBPA-V31ETQQKVLEL	252	>CEBPA-V31ETQQKMLEL	245	7
>CEBPA-V31ETQQKVLEL	799	>CEBPA-V31ETQQKMLEL	418	381
>CEBPA-V31ETQQKVLEL	29	>CEBPA-V31ETQQKMLEL	17	12
>CEBPA-V31VETQQKVL	63	>CEBPA-V31VETQQKML	65	2
>CEBPA-V31VETQQKVLEL	174	>CEBPA-V31VETQQKMLE	151	23
>CEBPA-V31VETQQKVL	320	>CEBPA-V31VETQQKML	324	4
>CEBPA-V31VETQQKVL	332	>CEBPA-V31VETQQKML	381	49
>CEBPA-V31VETQQKVLEL	344	>CEBPA-V31VETQQKMLE	304	40
>CEBPA-V31VETQQKVLEL	481	>CEBPA-V31VETQQKMLE	417	64
>CEBPA-V31QRNVETQQK	1137	>CEBPA-V31QRNVETQQK	474	663
>CEBPA-V31QRNVETQQK	811	>CEBPA-V31QRNVETQQK	240	571
>CEP110-D6DEKETLLQRL	766	>CEP110-D6NEKETLLQRL	252	514
>CEP110-D6DEKETLLQ	226	>CEP110-D6NEKETLLQ	846	620
>CEP110-D6DEKETLLQR	99	>CEP110-D6NEKETLLQR	436	337
>CEP110-D6DEKETLLQRL	2260	>CEP110-D6NEKETLLQRL	154	2106
>CEP110-D6RDEKETLLQR	467	>CEP110-D6RNEKETLLQR	154	313
>CEP110-D6LRDEKETLLQI	2729	>CEP110-D6LRNEKETLLQI	439	2290
>CEP110-D6KLRDEKETL	216	>CEP110-D6KLRNEKETL	1414	1198
>CEP110-D6KLRDEKETLL	81	>CEP110-D6KLRNEKETLL	92	11
>CEP110-D6KLRDEKETL	95	>CEP110-D6KLRNEKETL	283	188
>CEP110-D6KLRDEKETLL	349	>CEP110-D6KLRNEKETLL	805	456
>CEP110-D6KLRDEKETL	286	>CEP110-D6KLRNEKETL	592	306
>CEP110-D6KLRDEKET	453	>CEP110-D6KLRNEKET	2997	2544
>CEP110-D6KLRDEKETL	7	>CEP110-D6KLRNEKETL	30	23
>CEP110-D6KLRDEKETLL	11	>CEP110-D6KLRNEKETLL	33	22
>CEP110-D6KLRDEKETLLC	384	>CEP110-D6KLRNEKETLLC	2562	2178
>CEP110-D6KLRDEKETLLC	286	>CEP110-D6KLRNEKETLLC	220	66
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>CEP110-D6RKLKLRDEKETLI	40	>CEP110-D6RKLKLRNEKETLI	33	7

>CEP110-D64 RKL RDEKETL	278	>CEP110-D64 RKL RNEKETL	240	38
>CEP110-D64 RKL RDEKETLI	423	>CEP110-D64 RKL RNEKETLI	384	39
>CEP110-D64 CRKL RDEKET	874	>CEP110-D64 CRKL RNEKET	433	441
>CEP110-Q44 QLKKISEA	370	>CEP110-Q44 PLKKISEA	4683	4313
>CEP110-Q44 QLKKISEA	78	>CEP110-Q44 PLKKISEA	1421	1343
>CEP110-Q44 QLKKISEA	323	>CEP110-Q44 PLKKISEA	1022	699
>CEP110-Q44 QLKKISEAGK	245	>CEP110-Q44 PLKKISEAGK	1328	1083
>CEP110-Q44 IQLKKISEA	70	>CEP110-Q44 IPLKKISEA	21110	21040
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>CEP110-Q44 EAIQLKKI	1174	>CEP110-Q44 EAIPLKKI	197	977
>CEP110-Q44 EAIQLKKISEA	351	>CEP110-Q44 EAIPLKKISEA	115	236
>CEP110-Q44 EEAIQLKKI	6	>CEP110-Q44 EEAIPLKKI	25	19
>CEP110-Q44 EEAIQLKKI	48	>CEP110-Q44 EEAIPLKKI	36	12
>CEP110-Q44 LEEAIQLKKI	16	>CEP110-Q44 LEEAIPLKKI	43	27
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>CEP110-Q44 QLEEEAIQL	97	>CEP110-Q44 QLEEEAIPL	69	28
>CEP110-Q44 QLEEEAIQL	1004	>CEP110-Q44 QLEEEAIPL	153	851
>CEP110-Q44 QLEEEAIQL	180	>CEP110-Q44 QLEEEAIPL	159	21
>CEP110-Q44 QLEEEAIQLKKI	522	>CEP110-Q44 QLEEEAIPLKKI	328	194
>CEP110-Q44 QLEEEAIQL	452	>CEP110-Q44 QLEEEAIPL	107	345
>CEP110-Q44 QLEEEAIQL	12	>CEP110-Q44 QLEEEAIPL	22	10
>CEP110-Q44 QLEEEAIQLKKI	177	>CEP110-Q44 QLEEEAIPLKKI	191	14
>CEP110-Q44 QLEEEAIQLKK	382	>CEP110-Q44 QLEEEAIPLKK	298	84
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>CEP110-Q44 KQLEEEAIQL	129	>CEP110-Q44 KQLEEEAIPL	34	95
>CEP110-Q44 KQLEEEAIQL	16	>CEP110-Q44 KQLEEEAIPL	8	8
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>CEP110-Q44 KQLEEEAIQL	160	>CEP110-Q44 KQLEEEAIPL	22	138
>CEP110-Q44 KQLEEEAIQL	291	>CEP110-Q44 KQLEEEAIPL	190	101
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>CEP110-Q44 KQLEEEAIQLKI	143	>CEP110-Q44 KQLEEEAIPLKK	151	8
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>CEP110-Q44 KQLEEEAIQLKI	76	>CEP110-Q44 KQLEEEAIPLKK	61	15
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>CEP110-Q44 KQLEEEAIQLKI	207	>CEP110-Q44 KQLEEEAIPLKK	153	54
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>CEP110-Q44 KQLEEEAIQL	54	>CEP110-Q44 KQLEEEAIPL	16	38
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>CEP110-Q44 KQLEEEAIQL	139	>CEP110-Q44 KQLEEEAIPL	74	65
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>CEP110-Q4{FKQLEEEAIQL	249	>CEP110-Q4{FKQLEEEAIPL	56	193
>CHEK2-K37{KILGETSL	269	>CHEK2-K37{EILGETSL	12988	12719
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>CHEK2-K37{SKILGETSLM	26833	>CHEK2-K37{SEILGETSLM	294	26539
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>CHEK2-K37{HSKILGETSLM	227	>CHEK2-K37{HSEILGETSLM	10538	10311
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>CHEK2-K37{HSKILGETSLM	15	>CHEK2-K37{HSEILGETSLM	21	6
>CHEK2-K37{TDFGHSKI	1177	>CHEK2-K37{TDFGHSEI	332	845



>CHEK2-K37: TDFGHSKIL	487	>CHEK2-K37: TDFGHSEIL	501	14
>CHEK2-K37: TDFGHSKI	282	>CHEK2-K37: TDFGHSEI	198	84
>CHEK2-K37: TDFGHSKIL	1224	>CHEK2-K37: TDFGHSEIL	406	818
>CHEK2-K37: ITDFGHSK	39	>CHEK2-K37: ITDFGHSE	21650	21611
>CHEK2-K37: ITDFGHSK	189	>CHEK2-K37: ITDFGHSE	18312	18123
>CHEK2-K37: ITDFGHSKI	24	>CHEK2-K37: ITDFGHSEI	32	8
>CHEK2-K37: ITDFGHSKIL	20	>CHEK2-K37: ITDFGHSEIL	44	24
>CHEK2-K37: ITDFGHSKI	13	>CHEK2-K37: ITDFGHSEI	17	4
>CHEK2-K37: ITDFGHSK	455	>CHEK2-K37: ITDFGHSE	15889	15434
>CHEK2-K37: ITDFGHSKI	58	>CHEK2-K37: ITDFGHSEI	149	91
>CHEK2-K37: ITDFGHSKIL	435	>CHEK2-K37: ITDFGHSEIL	633	198
>CHEK2-K37: KITDFGHSKI	457	>CHEK2-K37: KITDFGHSEI	294	163
>CHEK2-K37: KITDFGHSKIL	360	>CHEK2-K37: KITDFGHSEIL	57	303
>CHEK2-K37: KITDFGHSKI	212	>CHEK2-K37: KITDFGHSEI	117	95
>CHEK2-K37: KITDFGHSKIL	915	>CHEK2-K37: KITDFGHSEIL	202	713
>CHEK2-K37: KITDFGHSKI	215	>CHEK2-K37: KITDFGHSEI	96	119
>CHEK2-K37: KITDFGHSKIL	1058	>CHEK2-K37: KITDFGHSEIL	467	591
>CHEK2-K37: KITDFGHSKI	119	>CHEK2-K37: KITDFGHSEI	55	64
>CHEK2-K37: KITDFGHSKIL	175	>CHEK2-K37: KITDFGHSEIL	70	105
>CHEK2-K37: KITDFGHSK	197	>CHEK2-K37: KITDFGHSE	20762	20565
>CHEK2-K37: KITDFGHSK	17	>CHEK2-K37: KITDFGHSE	17179	17162
>CHEK2-K37: KITDFGHSK	31	>CHEK2-K37: KITDFGHSE	12097	12066
>CHEK2-K37: KITDFGHSK	295	>CHEK2-K37: KITDFGHSE	13614	13319
>CHEK2-K37: KITDFGHSKI	303	>CHEK2-K37: KITDFGHSEI	313	10
>CHEK2-K37: KITDFGHSKIL	575	>CHEK2-K37: KITDFGHSEIL	236	339
>CHEK2-K37: KITDFGHSK	102	>CHEK2-K37: KITDFGHSE	12556	12454
>CHEK2-K37: IKITDFGHSK	157	>CHEK2-K37: IKITDFGHSE	1733	1576
>CHEK2-K37: IKITDFGHSKI	54	>CHEK2-K37: IKITDFGHSEI	27	27
>CHEK2-P53: PAVCAAVL	4998	>CHEK2-P53: LAVCAAVL	64	4934
>CHEK2-P53: PAVCAAVL	4273	>CHEK2-P53: LAVCAAVL	148	4125
>CHEK2-P53: RPAVCAAV	20392	>CHEK2-P53: RLAVCAAV	25	20367
>CHEK2-P53: RPAVCAAVL	23455	>CHEK2-P53: RLAVCAAVL	217	23238
>CHEK2-P53: RPAVCAAV	17193	>CHEK2-P53: RLAVCAAV	5	17188
>CHEK2-P53: RPAVCAAVL	22198	>CHEK2-P53: RLAVCAAVL	17	22181
>CHEK2-P53: RPAVCAAV	13104	>CHEK2-P53: RLAVCAAV	5	13099
>CHEK2-P53: RPAVCAAVL	21453	>CHEK2-P53: RLAVCAAVL	44	21409
>CHEK2-P53: RPAVCAAV	7649	>CHEK2-P53: RLAVCAAV	17	7632
>CHEK2-P53: RPAVCAAVL	21464	>CHEK2-P53: RLAVCAAVL	391	21073
>CHEK2-P53: RPAVCAAV	16265	>CHEK2-P53: RLAVCAAV	9	16256
>CHEK2-P53: RPAVCAAVL	28980	>CHEK2-P53: RLAVCAAVL	369	28611
>CHEK2-P53: RPAVCAAV	18713	>CHEK2-P53: RLAVCAAV	9	18704
>CHEK2-P53: RPAVCAAVL	22200	>CHEK2-P53: RLAVCAAVL	65	22135
>CHEK2-P53: RPAVCAAV	19085	>CHEK2-P53: RLAVCAAV	15	19070

>CHEK2-P53(RPAVCAAVL	25257	>CHEK2-P53(RLAVCAAVL	267	24990
>CHEK2-P53(RPAVCAAV	20668	>CHEK2-P53(RLAVCAAV	6	20662
>CHEK2-P53(RPAVCAAVL	22507	>CHEK2-P53(RLAVCAAVL	51	22456
>CHEK2-P53(RPAVCAAV	23843	>CHEK2-P53(RLAVCAAV	4	23839
>CHEK2-P53(RPAVCAAVL	32789	>CHEK2-P53(RLAVCAAVL	26	32763
>CHEK2-P53(RPAVCAAV	13	>CHEK2-P53(RLAVCAAV	1999	1986
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>CHEK2-P53(RPAVCAAVL	14669	>CHEK2-P53(RLAVCAAVL	239	14430
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>CHEK2-P53(RPAVCAAVL	351	>CHEK2-P53(RLAVCAAVL	10308	9957
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>CHEK2-P53(RPAVCAAV	195	>CHEK2-P53(RLAVCAAV	26189	25994
>CHEK2-P53(KRPAVCAAV	1620	>CHEK2-P53(KRLAVCAAV	310	1310
>CHEK2-P53(KRPAVCAAVL	1120	>CHEK2-P53(KRLAVCAAVL	169	951
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>CHEK2-P53(KRPAVCAAVL	774	>CHEK2-P53(KRLAVCAAVL	45	729
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>CHEK2-P53(KRPAVCAAVL	68	>CHEK2-P53(KRLAVCAAVL	39	29
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>CHEK2-P53(KRPAVCAAVL	178	>CHEK2-P53(KRLAVCAAVL	72	106
>CHEK2-P53(TKRPVCAA	386	>CHEK2-P53(TKRLAVCAA	965	579
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>CHEK2-P53(TKRPVCAAV	74	>CHEK2-P53(TKRLAVCAAV	167	93
>CHEK2-P53(TKRPVCAAV	283	>CHEK2-P53(TKRLAVCAAV	564	281
>CHEK2-P53(TTKRPVCA	517	>CHEK2-P53(TTKRLAVCA	413	104
>CHEK2-P53(TTKRPVCAA	54	>CHEK2-P53(TTKRLAVCAA	53	1
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>CHEK2-P53(TTKRPVCAA	23	>CHEK2-P53(TTKRLAVCAA	31	8
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>CHEK2-P53(ETTKRPAV	31	>CHEK2-P53(ETTKRLAV	19	12
>CHEK2-P53(ETTKRPAVCA	211	>CHEK2-P53(ETTKRLAVCA	322	111
>CHEK2-P53(ETTKRPAVCA	87	>CHEK2-P53(ETTKRLAVCA	88	1
>CHEK2-P53(ETTKRPAV	26	>CHEK2-P53(ETTKRLAV	44	18
>CHEK2-P53(AETTKRPAV	226	>CHEK2-P53(AETTKRLAV	148	78
>CHEK2-P53(AETTKRPAV	254	>CHEK2-P53(AETTKRLAV	200	54
>CHEK2-P53(AETTKRPA	16	>CHEK2-P53(AETTKRLA	38	22
>CHEK2-P53(AETTKRPAV	26	>CHEK2-P53(AETTKRLAV	53	27
>CHEK2-P53(AETTKRPAVC	11	>CHEK2-P53(AETTKRLAVC	10	1
>CHEK2-P53(AETTKRPAV	16	>CHEK2-P53(AETTKRLAV	42	26
>CHEK2-P53(EGAETTKRPA	493	>CHEK2-P53(EGAETTKRLA	263	230
>CHEK2-P53(EGAETTKRPA	154	>CHEK2-P53(EGAETTKRLA	353	199
>CHEK2-P53(AEGAETTKRP	382	>CHEK2-P53(AEGAETTKRL	1678	1296

>CHEK2-P53(AEGAETTKRP	11	>CHEK2-P53(AEGAETTKRL	20	9
>CHEK2-P53(AEGAETTKRP	16636	>CHEK2-P53(AEGAETTKRL	38	16598
>CHEK2-R34(RDLKPENV	328	>CHEK2-R34(HDLKPENV	299	29
>CHEK2-R34(HRDLKPENV	5452	>CHEK2-R34(HHDLKPENV	426	5026
>CHEK2-R34(HRDLKPENVL	1212	>CHEK2-R34(HHDLKPENVL	75	1137
>CHEK2-R34(HRDLKPENVL	2234	>CHEK2-R34(HHDLKPENVL	119	2115
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>CHEK2-R34(HRDLKPENVL	242	>CHEK2-R34(HHDLKPENVL	20571	20329
>CHEK2-R34(QYLHENGIIHI	350	>CHEK2-R34(QYLHENGIIHI	11292	10942
>CHEK2-R34(QYLHENGIIHI	144	>CHEK2-R34(QYLHENGIIHI	22342	22198
>CHEK2-R34(QYLHENGIIHI	17	>CHEK2-R34(QYLHENGIIHI	3693	3676
>CHEK2-R34(IHRDLKPENV	972	>CHEK2-R34(IHHDLPKENV	317	655
>CHEK2-R34(IHRDLKPENV	3035	>CHEK2-R34(IHHDLPKENV	185	2850
>CHEK2-R34(IIHRDLKPENV	69	>CHEK2-R34(IIHHDLPKENV	30	39
>CHEK2-R34(IIHRDLKPENV	71	>CHEK2-R34(IIHHDLPKENV	81	10
>CHEK2-R34(IIHRDLKPENV	38	>CHEK2-R34(IIHHDLPKENV	70	32
>CHEK2-R34(GIIHRDLK	47	>CHEK2-R34(GIIHHDK	46	1
>CHEK2-R34(HENGIIHRDL	358	>CHEK2-R34(HENGIIHHDL	269	89
>CHEK2-R34(HENGIIHRDL	242	>CHEK2-R34(HENGIIHHDL	90	152
>CHEK2-R34(HENGIIHR	59	>CHEK2-R34(HENGIIHH	23937	23878
>CHEK2-R34(YLHENGIIHR	255	>CHEK2-R34(YLHENGIIHH	514	259
>CHEK2-R34(YLHENGIIHRI	88	>CHEK2-R34(YLHENGIIHHI	124	36
>CHEK2-R34(YLHENGIIHR	141	>CHEK2-R34(YLHENGIIHH	426	285
>CHEK2-R34(YLHENGIIHRI	76	>CHEK2-R34(YLHENGIIHHI	108	32
>CHEK2-R34(YLHENGIIHR	211	>CHEK2-R34(YLHENGIIHH	19071	18860
>CHEK2-R34(YLHENGIIHR	156	>CHEK2-R34(YLHENGIIHH	25926	25770
>CHN1-R12T·RPPVWKSYS	1572	>CHN1-R12T·TPPVWKSYS	340	1232
>CHN1-R12T·RPPVWKSYSL	239	>CHN1-R12T·TPPVWKSYSL	57	182
>CHN1-R12T·RPPVWKSYSLY	1982	>CHN1-R12T·TPPVWKSYSLY	407	1575
>CHN1-R12T·RPPVWKSYSL	264	>CHN1-R12T·TPPVWKSYSL	173	91
>CHN1-R12T·RPPVWKSYSLY	198	>CHN1-R12T·TPPVWKSYSLY	733	535
>CHN1-R12T·RPPVWKSYSL	73	>CHN1-R12T·TPPVWKSYSL	3498	3425
>CHN1-R12T·RPPVWKSYS	663	>CHN1-R12T·TPPVWKSYS	266	397
>CHN1-R12T·RPPVWKSYSL	318	>CHN1-R12T·TPPVWKSYSL	331	13
>CHN1-R12T·YRPPVWKSYSL	14081	>CHN1-R12T·YTPPVWKSYSL	167	13914
>CHN1-R12T·YRPPVWKSYSL	7059	>CHN1-R12T·YTPPVWKSYSL	238	6821
>CHN1-R12T·YRPPVWKSYSL	4885	>CHN1-R12T·YTPPVWKSYSL	171	4714
>CHN1-R12T·YRPPVWKSYSL	2950	>CHN1-R12T·YTPPVWKSYSL	27	2923
>CHN1-R12T·YRPPVWKSYSL	11653	>CHN1-R12T·YTPPVWKSYSL	403	11250
>CHN1-R12T·YRPPVWKSYSL	5643	>CHN1-R12T·YTPPVWKSYSL	253	5390

>CHN1-R12T·YRPPVWKSYL	7192	>CHN1-R12T·YTPPVWKSYL	353	6839
>CHN1-R12T·YRPPVWKS	5310	>CHN1-R12T·YTPPVWKS	15	5295
>CHN1-R12T·YRPPVWKSYL	14547	>CHN1-R12T·YTPPVWKSYL	165	14382
>CHN1-R12T·YRPPVWKS	17793	>CHN1-R12T·YTPPVWKS	86	17707
>CHN1-R12T·YRPPVWKSYL	15305	>CHN1-R12T·YTPPVWKSYL	136	15169
>CHN1-R12T·YRPPVWKS	25722	>CHN1-R12T·YTPPVWKS	220	25502
>CHN1-R12T·YRPPVWKS	2974	>CHN1-R12T·YTPPVWKS	64	2910
>CHN1-R12T·YRPPVWKSYL	96	>CHN1-R12T·YTPPVWKSYL	11	85
>CHN1-R12T·YRPPVWKSYL	2147	>CHN1-R12T·YTPPVWKSYL	292	1855
>CHN1-R12T·YRPPVWKSYL	19400	>CHN1-R12T·YTPPVWKSYL	210	19190
>CHN1-R12T·YRPPVWKS	18432	>CHN1-R12T·YTPPVWKS	349	18083
>CHN1-R12T·YRPPVWKSYL	23157	>CHN1-R12T·YTPPVWKSYL	329	22828
>CHN1-R12T·YRPPVWKSYL	1669	>CHN1-R12T·YTPPVWKSYL	149	1520
>CHN1-R12T·YRPPVWKS	11495	>CHN1-R12T·YTPPVWKS	259	11236
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>CHN1-R12T·YRPPVWKS	22173	>CHN1-R12T·YTPPVWKS	17	22156
>CHN1-R12T·YRPPVWKSYL	26226	>CHN1-R12T·YTPPVWKSYL	187	26039
>CHN1-R12T·YRPPVWKSYL	23248	>CHN1-R12T·YTPPVWKSYL	23	23225
>CHN1-R12T·YRPPVWKSYL	371	>CHN1-R12T·YTPPVWKSYL	26579	26208
>CHN1-R12T·YRPPVWKS	26017	>CHN1-R12T·YTPPVWKS	24	25993
>CHN1-R12T·YRPPVWKSYL	591	>CHN1-R12T·YTPPVWKSYL	2	589
>CHN1-R12T·YRPPVWKSYL	6197	>CHN1-R12T·YTPPVWKSYL	4	6193
>CHN1-R12T·YRPPVWKS	6275	>CHN1-R12T·YTPPVWKS	54	6221
>CHN1-R12T·YRPPVWKSYL	16861	>CHN1-R12T·YTPPVWKSYL	123	16738
>CHN1-R12T·YRPPVWKSYL	5064	>CHN1-R12T·YTPPVWKSYL	41	5023
>CHN1-R12T·YRPPVWKSYL	380	>CHN1-R12T·YTPPVWKSYL	24240	23860
>CHN1-R12T·YRPPVWKSYL	771	>CHN1-R12T·YTPPVWKSYL	130	641
>CHN1-R12T·YRPPVWKSYL	16256	>CHN1-R12T·YTPPVWKSYL	167	16089
>CHN1-R12T·ALTLFDTDEYI	9877	>CHN1-R12T·ALTLFDTDEY	223	9654
>CHN1-R12T·ALTLFDTDEYI	123	>CHN1-R12T·ALTLFDTDEY	19458	19335
>CHN1-R12T·ALTLFDTDEYI	154	>CHN1-R12T·ALTLFDTDEY	34347	34193
>CHN1-R12T·ALTLFDTDEYI	229	>CHN1-R12T·ALTLFDTDEY	32881	32652
>CHN1-R12T·EYRPPVWKS\	114	>CHN1-R12T·EYTPPVWKS	52	62
>CHN1-R12T·EYRPPVWKS\	406	>CHN1-R12T·EYTPPVWKS	220	186
>CHN1-R12T·EYRPPVWKS\	218	>CHN1-R12T·EYTPPVWKS	145	73
>CHN1-R12T·EYRPPVWKS\	895	>CHN1-R12T·EYTPPVWKS	354	541
>CHN1-R12T·EYRPPVWK	269	>CHN1-R12T·EYTPPVWK	13622	13353
>CHN1-R12T·EYRPPVWKS\	390	>CHN1-R12T·EYTPPVWKS	305	85
>CHN1-R12T·EYRPPVWK	199	>CHN1-R12T·EYTPPVWK	489	290
>CHN1-R12T·EYRPPVWK	1136	>CHN1-R12T·EYTPPVWK	165	971
>CHN1-R12T·EYRPPVWK	406	>CHN1-R12T·EYTPPVWK	262	144
>CHN1-R12T·EYRPPVWKS\	473	>CHN1-R12T·EYTPPVWKS	319	154

>CHN1-R12T·EYRPPVWKS\	283	>CHN1-R12T·EYTPPVWKS\	194	89
>CHN1-R12T·DEYRPPVWK:	431	>CHN1-R12T·DEYTPPVWK:	364	67
>CHN1-R12T·DEYRPPVW	66	>CHN1-R12T·DEYTPPVW	34	32
>CHN1-R12T·DEYRPPVWK:	11	>CHN1-R12T·DEYTPPVWK:	8	3
>CHN1-R12T·DEYRPPVW	184	>CHN1-R12T·DEYTPPVW	135	49
>CHN1-R12T·DEYRPPVWK:	533	>CHN1-R12T·DEYTPPVWK:	376	157
>CHN1-R12T·DEYRPPVW	142	>CHN1-R12T·DEYTPPVW	138	4
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>CHN1-R12T·TDEYRPPV	1162	>CHN1-R12T·TDEYTPPV	295	867
>CHN1-R12T·DTDEYRPPV	2530	>CHN1-R12T·DTDEYTPPV	470	2060
>CHN1-R12T·DTDEYRPPV	1771	>CHN1-R12T·DTDEYTPPV	224	1547
>CHN1-R12T·DTDEYRPPV	706	>CHN1-R12T·DTDEYTPPV	53	653
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>CHN1-R12T·DTDEYRPPVV	87	>CHN1-R12T·DTDEYTPPVV	74	13
>CHN1-R12T·DTDEYRPPV	230	>CHN1-R12T·DTDEYTPPV	131	99
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>CHN1-R12T·DTDEYRPPVV	1593	>CHN1-R12T·DTDEYTPPVV	424	1169
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>CHN1-R12T·FDTDEYRPPV	839	>CHN1-R12T·FDTDEYTPPV	367	472
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>CHN1-R12T·FDTDEYRPPV	239	>CHN1-R12T·FDTDEYTPPV	82	157
>CHN1-R12T·LFDTDEYR	132	>CHN1-R12T·LFDTDEYT	32109	31977
>CHN1-R12T·TLFDTDEYR	15187	>CHN1-R12T·TLFDTDEYT	176	15011
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>CHN1-R12T·TLFDTDEYR	9048	>CHN1-R12T·TLFDTDEYT	305	8743
>CHN1-R12T·TLFDTDEYR	1586	>CHN1-R12T·TLFDTDEYT	19	1567
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>CHN1-R12T·TLFDTDEYR	7753	>CHN1-R12T·TLFDTDEYT	77	7676
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>CHN1-R12T·TLFDTDEYR	2562	>CHN1-R12T·TLFDTDEYT	30	2532
>CHN1-R12T·TLFDTDEYR	344	>CHN1-R12T·TLFDTDEYT	22126	21782
>CHN1-R12T·TLFDTDEYR	26	>CHN1-R12T·TLFDTDEYT	17596	17570
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>CHN1-R12T·TLFDTDEYR	5	>CHN1-R12T·TLFDTDEYT	6533	6528
>CHN1-R12T·TLFDTDEYR	26	>CHN1-R12T·TLFDTDEYT	19809	19783
>CHN1-R12T·LTLFDTDEYR	5982	>CHN1-R12T·LTLFDTDEYT	322	5660
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>CHN1-R12T·LTLFDTDEYR	71	>CHN1-R12T·LTLFDTDEYT	21234	21163
>CHN1-R12T·LTLFDTDEYR	340	>CHN1-R12T·LTLFDTDEYT	24215	23875
>CHN1-R12T·LTLFDTDEYR	8	>CHN1-R12T·LTLFDTDEYT	16684	16676

>CHN1-R12T·LTLFDTDEYR	385	>CHN1-R12T·LTLFDTDEYT	32464	32079
>CHN1-R395 RYLMAHLK	141	>CHN1-R395 QYLMAHLK	634	493
>CHN1-R395 RYLMAHLK	305	>CHN1-R395 QYLMAHLK	705	400
>CHN1-R395 RYLMAHLK	215	>CHN1-R395 QYLMAHLK	1391	1176
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>CHN1-R395 RYLMAHLKR\	40	>CHN1-R395 QYLMAHLKR'	289	249
>CHN1-R395 RYLMAHLKR\	397	>CHN1-R395 QYLMAHLKR'	2350	1953
>CHN1-R395 RYLMAHLK	5	>CHN1-R395 QYLMAHLK	47	42
>CHN1-R395 RYLMAHLKR	25	>CHN1-R395 QYLMAHLKR	1520	1495
>CHN1-R395 RYLMAHLKR\	78	>CHN1-R395 QYLMAHLKR'	2651	2573
>CHN1-R395 RYLMAHLK	44	>CHN1-R395 QYLMAHLK	1194	1150
>CHN1-R395 RYLMAHLKR	11	>CHN1-R395 QYLMAHLKR	147	136
>CHN1-R395 RYLMAHLKR	693	>CHN1-R395 QYLMAHLKR	214	479
>CHN1-R395 RYLMAHLK	24	>CHN1-R395 QYLMAHLK	54	30
>CHN1-R395 RYLMAHLKR	10	>CHN1-R395 QYLMAHLKR	13	3
>CHN1-R395 LRYLMAHL	204	>CHN1-R395 LQYLMAHL	36	168
>CHN1-R395 LRYLMAHLKF	355	>CHN1-R395 LQYLMAHLKF	150	205
>CHN1-R395 LRYLMAHL	4382	>CHN1-R395 LQYLMAHL	177	4205
>CHN1-R395 LRYLMAHLKF	6611	>CHN1-R395 LQYLMAHLKF	413	6198
>CHN1-R395 LRYLMAHL	12673	>CHN1-R395 LQYLMAHL	150	12523
>CHN1-R395 LRYLMAHLKF	6741	>CHN1-R395 LQYLMAHLKF	32	6709
>CHN1-R395 LRYLMAHL	12342	>CHN1-R395 LQYLMAHL	23	12319
>CHN1-R395 LRYLMAHLKF	12938	>CHN1-R395 LQYLMAHLKF	32	12906
>CHN1-R395 LRYLMAHLKF	6452	>CHN1-R395 LQYLMAHLKF	133	6319
>CHN1-R395 LRYLMAHLKF	3503	>CHN1-R395 LQYLMAHLKF	235	3268
>CHN1-R395 LRYLMAHLK	11365	>CHN1-R395 LQYLMAHLK	79	11286
>CHN1-R395 LRYLMAHLK	3719	>CHN1-R395 LQYLMAHLK	20	3699
>CHN1-R395 LRYLMAHLKF	9899	>CHN1-R395 LQYLMAHLKF	362	9537
>CHN1-R395 LRYLMAHLK	16593	>CHN1-R395 LQYLMAHLK	468	16125
>CHN1-R395 LRYLMAHLKF	83	>CHN1-R395 LQYLMAHLKF	24	59
>CHN1-R395 LRYLMAHLKF	124	>CHN1-R395 LQYLMAHLKF	113	11
>CHN1-R395 LRYLMAHLK	1110	>CHN1-R395 LQYLMAHLK	331	779
>CHN1-R395 LRYLMAHL	15423	>CHN1-R395 LQYLMAHL	93	15330
>CHN1-R395 LRYLMAHL	441	>CHN1-R395 LQYLMAHL	56	385
>CHN1-R395 LRYLMAHLKF	1382	>CHN1-R395 LQYLMAHLKF	338	1044
>CHN1-R395 LRYLMAHL	53	>CHN1-R395 LQYLMAHL	1624	1571
>CHN1-R395 LRYLMAHLK	21	>CHN1-R395 LQYLMAHLK	403	382
>CHN1-R395 LRYLMAHLKF	31	>CHN1-R395 LQYLMAHLKF	2802	2771
>CHN1-R395 LRYLMAHLKF	121	>CHN1-R395 LQYLMAHLKF	3548	3427
>CHN1-R395 LRYLMAHL	10832	>CHN1-R395 LQYLMAHL	393	10439
>CHN1-R395 LRYLMAHL	5880	>CHN1-R395 LQYLMAHL	370	5510
>CHN1-R395 LRYLMAHL	400	>CHN1-R395 LQYLMAHL	7043	6643
>CHN1-R395 LRYLMAHL	181	>CHN1-R395 LQYLMAHL	2239	2058

>CHN1-R395 LRYLMAHLK	20	>CHN1-R395 LQYLMAHLK	733	713
>CHN1-R395 LRYLMAHLKF	341	>CHN1-R395 LQYLMAHLKF	10248	9907
>CHN1-R395 LRYLMAHLKF	123	>CHN1-R395 LQYLMAHLKF	5005	4882
>CHN1-R395 LRYLMAHLKF	231	>CHN1-R395 LQYLMAHLKF	133	98
>CHN1-R395 LLPPAHCETLF	1910	>CHN1-R395 LLPPAHCETLF	46	1864
>CHN1-R395 LLPPAHCETLF	359	>CHN1-R395 LLPPAHCETLF	21655	21296
>CHN1-R395 TLRYLMAHL	3130	>CHN1-R395 TLQYLMAHL	121	3009
>CHN1-R395 TLRYLMAHL	154	>CHN1-R395 TLQYLMAHL	29	125
>CHN1-R395 TLRYLMAHL	73	>CHN1-R395 TLQYLMAHL	128	55
>CHN1-R395 TLRYLMAHL	2039	>CHN1-R395 TLQYLMAHL	86	1953
>CHN1-R395 TLRYLMAHL	223	>CHN1-R395 TLQYLMAHL	96	127
>CHN1-R395 TLRYLMAHLK	25	>CHN1-R395 TLQYLMAHLK	29	4
>CHN1-R395 TLRYLMAHLK	499	>CHN1-R395 TLQYLMAHLK	3177	2678
>CHN1-R395 TLRYLMAHLK	133	>CHN1-R395 TLQYLMAHLK	47	86
>CHN1-R395 TLRYLMAHL	456	>CHN1-R395 TLQYLMAHL	13202	12746
>CHN1-R395 TLRYLMAHLK	14	>CHN1-R395 TLQYLMAHLK	4002	3988
>CHN1-R395 TLRYLMAHLK	344	>CHN1-R395 TLQYLMAHLK	564	220
>CHN1-R395 TLRYLMAHLK	29	>CHN1-R395 TLQYLMAHLK	47	18
>CHN1-R395 TLRYLMAHLK	86	>CHN1-R395 TLQYLMAHLK	216	130
>CHN1-R395 TLRYLMAHLK	206	>CHN1-R395 TLQYLMAHLK	176	30
>CHN1-R395 TLRYLMAHLK	275	>CHN1-R395 TLQYLMAHLK	155	120
>CHN1-R395 TLRYLMAHL	403	>CHN1-R395 TLQYLMAHL	3877	3474
>CHN1-R395 TLRYLMAHL	305	>CHN1-R395 TLQYLMAHL	730	425
>CHN1-R395 TLRYLMAHLK	277	>CHN1-R395 TLQYLMAHLK	339	62
>CHN1-R395 TLRYLMAHLK	416	>CHN1-R395 TLQYLMAHLK	383	33
>CHN1-R395 ETLRYLMAHL	48	>CHN1-R395 ETLQYLMAHI	72	24
>CHN1-R395 ETLRYLMAH	579	>CHN1-R395 ETLQYLMAH	116	463
>CHN1-R395 ETLRYLMAHL	625	>CHN1-R395 ETLQYLMAHI	188	437
>CHN1-R395 ETLRYLMAH	19	>CHN1-R395 ETLQYLMAH	17	2
>CHN1-R395 ETLRYLMAHL	3	>CHN1-R395 ETLQYLMAHI	3	0
>CHN1-R395 ETLRYLMAH	446	>CHN1-R395 ETLQYLMAH	61	385
>CHN1-R395 ETLRYLMAHL	217	>CHN1-R395 ETLQYLMAHI	49	168
>CHN1-R395 ETLRYLMAHL	311	>CHN1-R395 ETLQYLMAHI	387	76
>CHN1-R395 ETLRYLMAHL	6	>CHN1-R395 ETLQYLMAHI	5	1
>CHN1-R395 ETLRYLMAHL	86	>CHN1-R395 ETLQYLMAHI	104	18
>CHN1-R395 ETLRYLMA	15	>CHN1-R395 ETLQYLMA	10	5
>CHN1-R395 ETLRYLMAHL	7	>CHN1-R395 ETLQYLMAHI	6	1
>CHN1-R395 ETLRYLMAHL	787	>CHN1-R395 ETLQYLMAHI	461	326
>CHN1-R395 ETLRYLMAHL	53	>CHN1-R395 ETLQYLMAHI	21	32
>CHN1-R395 ETLRYLMAHL	259	>CHN1-R395 ETLQYLMAHI	224	35
>CHN1-R395 CETLRYLM	254	>CHN1-R395 CETLQYLM	84	170
>CHN1-R395 CETLRYLMAH	476	>CHN1-R395 CETLQYLMAH	733	257
>CHN1-R395 CETLRYLMAH	327	>CHN1-R395 CETLQYLMAH	205	122

>CHN1-R395 CETLRYLM	342	>CHN1-R395 CETLQYLM	187	155
>CHN1-R395 CETLRYLMA	538	>CHN1-R395 CETLQYLMA	210	328
>CHN1-R395 CETLRYLMA	74	>CHN1-R395 CETLQYLMA	77	3
>CHN1-R395 CETLRYLM	775	>CHN1-R395 CETLQYLM	460	315
>CHN1-R395 CETLRYLMAF	214	>CHN1-R395 CETLQYLMAF	193	21
>CHN1-R395 AHCETLRY	673	>CHN1-R395 AHCETLQY	440	233
>CHN1-R395 AHCETLRY	296	>CHN1-R395 AHCETLQY	418	122
>CHN1-R395 AHCETLRYL	2129	>CHN1-R395 AHCETLQYL	470	1659
>CHN1-R395 AHCETLRYLM	426	>CHN1-R395 AHCETLQYLM	313	113
>CHN1-R395 AHCETLRYL	907	>CHN1-R395 AHCETLQYL	497	410
>CHN1-R395 PAHCETLRY	222	>CHN1-R395 PAHCETLQY	135	87
>CHN1-R395 PAHCETLRY	286	>CHN1-R395 PAHCETLQY	611	325
>CHN1-R395 PPAHCETLRY	1131	>CHN1-R395 PPAHCETLQY	249	882
>CHN1-R395 PPAHCETLRY	401	>CHN1-R395 PPAHCETLQY	780	379
>CHN1-R395 LPPAHCETLR'	27	>CHN1-R395 LPPAHCETLQ	25	2
>CHN1-R395 LPPAHCETLR'	282	>CHN1-R395 LPPAHCETLQ	281	1
>CHN1-R395 LPPAHCETLR'	858	>CHN1-R395 LPPAHCETLQ	426	432
>CHN1-Y70N YLIREQRQ	13	>CHN1-Y70N NLIREQRQ	1604	1591
>CHN1-Y70N YLIREQR	51	>CHN1-Y70N NLIREQR	105	54
>CHN1-Y70N SYLIREQR	56	>CHN1-Y70N SNLIREQR	1960	1904
>CHN1-Y70N SYLIREQR	107	>CHN1-Y70N SNLIREQR	9748	9641
>CHN1-Y70N SYLIREQR	130	>CHN1-Y70N SNLIREQR	4547	4417
>CHN1-Y70N DQLLIVAEGS'	93	>CHN1-Y70N DQLLIVAEGSI	9417	9324
>CHN1-Y70N GSYLIREQR	65	>CHN1-Y70N GSNLIREQR	222	157
>CHN1-Y70N GSYLIREQR	144	>CHN1-Y70N GSNLIREQR	1721	1577
>CHN1-Y70N EGSYLIRESQF	42	>CHN1-Y70N EGSNLIRESQI	78	36
>CHN1-Y70N AEGSYLIR	380	>CHN1-Y70N AEGSNLIR	1240	860
>CHN1-Y70N AEGSYLIRE	192	>CHN1-Y70N AEGSNLIRE	786	594
>CHN1-Y70N AEGSYLIRE	433	>CHN1-Y70N AEGSNLIRE	442	9
>CHN1-Y70N AEGSYLIRESC	275	>CHN1-Y70N AEGSNLIRESC	685	410
>CHN1-Y70N IVAEGSYL	204	>CHN1-Y70N IVAEGSNL	1523	1319
>CHN1-Y70N IVAEGSYLI	26	>CHN1-Y70N IVAEGSNLI	359	333
>CHN1-Y70N IVAEGSYL	13	>CHN1-Y70N IVAEGSNL	61	48
>CHN1-Y70N IVAEGSYLI	13	>CHN1-Y70N IVAEGSNLI	31	18
>CHN1-Y70N IVAEGSYL	49	>CHN1-Y70N IVAEGSNL	90	41
>CHN1-Y70N IVAEGSYLI	35	>CHN1-Y70N IVAEGSNLI	29	6
>CHN1-Y70N IVAEGSYL	24	>CHN1-Y70N IVAEGSNL	218	194
>CHN1-Y70N IVAEGSYLI	10	>CHN1-Y70N IVAEGSNLI	21	11
>CHN1-Y70N IVAEGSYL	58	>CHN1-Y70N IVAEGSNL	816	758
>CHN1-Y70N IVAEGSYLI	66	>CHN1-Y70N IVAEGSNLI	862	796
>CHN1-Y70N IVAEGSYLI	212	>CHN1-Y70N IVAEGSNLI	2296	2084
>CHN1-Y70N IVAEGSYL	241	>CHN1-Y70N IVAEGSNL	1334	1093
>CHN1-Y70N IVAEGSYLI	194	>CHN1-Y70N IVAEGSNLI	1295	1101



>CHN1-Y70N IVAEGSYL	90	>CHN1-Y70N IVAEGSNL	1125	1035
>CHN1-Y70N IVAEGSYLI	65	>CHN1-Y70N IVAEGSNLI	1398	1333
>CHN1-Y70N IVAEGSYL	44	>CHN1-Y70N IVAEGSNL	140	96
>CHN1-Y70N IVAEGSYLI	203	>CHN1-Y70N IVAEGSNLI	686	483
>CHN1-Y70N IVAEGSYLIR	228	>CHN1-Y70N IVAEGSNLIR	389	161
>CHN1-Y70N IVAEGSYLI	367	>CHN1-Y70N IVAEGSNLI	3287	2920
>CHN1-Y70N IVAEGSYLIR	28	>CHN1-Y70N IVAEGSNLIR	21	7
>CHN1-Y70N IVAEGSYL	94	>CHN1-Y70N IVAEGSNL	348	254
>CHN1-Y70N IVAEGSYLI	14	>CHN1-Y70N IVAEGSNLI	34	20
>CHN1-Y70N IVAEGSYL	415	>CHN1-Y70N IVAEGSNL	1026	611
>CHN1-Y70N IVAEGSYLI	87	>CHN1-Y70N IVAEGSNLI	227	140
>CHN1-Y70N IVAEGSYL	507	>CHN1-Y70N IVAEGSNL	424	83
>CHN1-Y70N IVAEGSYL	247	>CHN1-Y70N IVAEGSNL	3967	3720
>CHN1-Y70N IVAEGSYLIR	469	>CHN1-Y70N IVAEGSNLIR	1106	637
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>CHN1-Y70N LIVAEGSYLI	103	>CHN1-Y70N LIVAEGSNLI	394	291
>CHN1-Y70N LIVAEGSYL	115	>CHN1-Y70N LIVAEGSNL	231	116
>CHN1-Y70N LIVAEGSYLI	245	>CHN1-Y70N LIVAEGSNLI	218	27
>CHN1-Y70N LIVAEGSYL	125	>CHN1-Y70N LIVAEGSNL	2081	1956
>CHN1-Y70N LIVAEGSYLI	141	>CHN1-Y70N LIVAEGSNLI	883	742
>CHN1-Y70N LIVAEGSYL	183	>CHN1-Y70N LIVAEGSNL	2637	2454
>CHN1-Y70N LIVAEGSYLI	271	>CHN1-Y70N LIVAEGSNLI	1889	1618
>CHN1-Y70N LIVAEGSYL	90	>CHN1-Y70N LIVAEGSNL	286	196
>CHN1-Y70N LIVAEGSYLI	471	>CHN1-Y70N LIVAEGSNLI	1132	661
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>CHN1-Y70N LIVAEGSY	204	>CHN1-Y70N LIVAEGSN	22570	22366
>CHN1-Y70N LIVAEGSY	102	>CHN1-Y70N LIVAEGSN	26123	26021
>CHN1-Y70N LIVAEGSYLIR	245	>CHN1-Y70N LIVAEGSNLIR	218	27
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>CHN1-Y70N LIVAEGSY	337	>CHN1-Y70N LIVAEGSN	20894	20557
>CHN1-Y70N LIVAEGSYLIR	262	>CHN1-Y70N LIVAEGSNLIR	341	79
>CHN1-Y70N LLIVAEGSYL	118	>CHN1-Y70N LLIVAEGSNL	861	743
>CHN1-Y70N LLIVAEGSYLI	96	>CHN1-Y70N LLIVAEGSNLI	338	242
>CHN1-Y70N LLIVAEGSYL	23	>CHN1-Y70N LLIVAEGSNL	59	36
>CHN1-Y70N LLIVAEGSYLI	32	>CHN1-Y70N LLIVAEGSNLI	48	16
>CHN1-Y70N LLIVAEGSYL	63	>CHN1-Y70N LLIVAEGSNL	129	66
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>CHN1-Y70N LLIVAEGSYL	117	>CHN1-Y70N LLIVAEGSNL	265	148
>CHN1-Y70N LLIVAEGSYLI	193	>CHN1-Y70N LLIVAEGSNLI	260	67
>CHN1-Y70N LLIVAEGSYL	35	>CHN1-Y70N LLIVAEGSNL	285	250
>CHN1-Y70N LLIVAEGSYLI	62	>CHN1-Y70N LLIVAEGSNLI	228	166
>CHN1-Y70N LLIVAEGSYL	44	>CHN1-Y70N LLIVAEGSNL	203	159

>CHN1-Y70N LLIVAEGSYLI	39	>CHN1-Y70N LLIVAEGSNLI	116	77
>CHN1-Y70N LLIVAEGSYL	106	>CHN1-Y70N LLIVAEGSNL	568	462
>CHN1-Y70N LLIVAEGSYLI	153	>CHN1-Y70N LLIVAEGSNLI	372	219
>CHN1-Y70N LLIVAEGSYLI	483	>CHN1-Y70N LLIVAEGSNLI	2251	1768
>CHN1-Y70N LLIVAEGSYL	10	>CHN1-Y70N LLIVAEGSNL	17	7
>CHN1-Y70N LLIVAEGSYLI	27	>CHN1-Y70N LLIVAEGSNLI	44	17
>CHN1-Y70N LLIVAEGSY	191	>CHN1-Y70N LLIVAEGSN	23786	23595
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>CHN1-Y70N QLLIVAEGSYL	109	>CHN1-Y70N QLLIVAEGSNL	263	154
>CHN1-Y70N QLLIVAEGSYL	231	>CHN1-Y70N QLLIVAEGSNL	1180	949
>CHN1-Y70N QLLIVAEGSYL	7	>CHN1-Y70N QLLIVAEGSNL	42	35
>CHN1-Y70N QLLIVAEGSYL	72	>CHN1-Y70N QLLIVAEGSNL	385	313
>CHN1-Y70N QLLIVAEGSYL	38	>CHN1-Y70N QLLIVAEGSNL	111	73
>CHN1-Y70N QLLIVAEGSYL	44	>CHN1-Y70N QLLIVAEGSNL	304	260
>CHN1-Y70N QLLIVAEGSYL	25	>CHN1-Y70N QLLIVAEGSNL	58	33
>CHN1-Y70N QLLIVAEGSY	96	>CHN1-Y70N QLLIVAEGSN	23829	23733
>CHN1-Y70N QLLIVAEGSY	407	>CHN1-Y70N QLLIVAEGSN	24914	24507
>CHN1-Y70N QLLIVAEGSY	183	>CHN1-Y70N QLLIVAEGSN	22635	22452
>CIC-A652T-l APSLAYGAPA	88	>CIC-A652T-r TPSLAYGAPA	63	25
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>CIC-A652T-l APSLAYGAPA	783	>CIC-A652T-r TPSLAYGAPA	172	611
>CIC-A652T-l APSLAYGA	888	>CIC-A652T-r TPSLAYGA	379	509
>CIC-A652T-l APSLAYGAPA	92	>CIC-A652T-r TPSLAYGAPA	24	68
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>CIC-A652T-l PAPSLAYGA	5212	>CIC-A652T-r PTPSLAYGA	264	4948
>CIC-A652T-l PAPSLAYGAP	2939	>CIC-A652T-r PTPSLAYGAP	128	2811
>CIC-A652T-l APAPSLAY	100	>CIC-A652T-r APTPSLAY	600	500
>CIC-A652T-l APAPSLAY	289	>CIC-A652T-r APTPSLAY	698	409
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>CIC-A652T-l APAPSLAY	353	>CIC-A652T-r APTPSLAY	269	84
>CIC-A652T-l APAPSLAYGA	214	>CIC-A652T-r APTPSLAYGA	174	40
>CIC-A652T-l APAPSLAY	6	>CIC-A652T-r APTPSLAY	10	4
>CIC-A652T-l APAPSLAY	431	>CIC-A652T-r APTPSLAY	561	130
>CIC-A652T-l SAPAPSLAY	187	>CIC-A652T-r SAPTPSLAY	223	36
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>CIC-A652T-l SAPAPSLAY	496	>CIC-A652T-r SAPTPSLAY	1384	888
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>CIC-A652T-\ SAPAPSLAY	166	>CIC-A652T-r SAPTPSLAY	299	133
>CIC-A652T-\ SAPAPSLAYG	44	>CIC-A652T-r SAPTPSLAYG	65	21
>CIC-A652T-\ SAPAPSLAYG	332	>CIC-A652T-r SAPTPSLAYG	553	221
>CIC-A652T-\ PSAPAPSLAY	138	>CIC-A652T-r PSAPTPSLAY	98	40
>CIC-A652T-\ PSAPAPSLAY	419	>CIC-A652T-r PSAPTPSLAY	235	184
>CIC-A652T-\ PSAPAPSLAY	54	>CIC-A652T-r PSAPTPSLAY	48	6
>CIC-A652T-\ PSAPAPSLAY	234	>CIC-A652T-r PSAPTPSLAY	329	95
>CIC-A652T-\ VPSAPAPSL	24	>CIC-A652T-r VPSAPTPSL	46	22
>CIC-A652T-\ VPSAPAPSLA	484	>CIC-A652T-r VPSAPTPSLA'	484	0
>CIC-A652T-\ VPSAPAPSL	47	>CIC-A652T-r VPSAPTPSL	31	16
>CIC-A652T-\ VPSAPAPSLA	469	>CIC-A652T-r VPSAPTPSLA'	329	140
>CIC-A652T-\ VPSAPAPSLA	281	>CIC-A652T-r VPSAPTPSLA'	279	2
>CIC-A652T-\ VPSAPAPSLA	566	>CIC-A652T-r VPSAPTPSLA'	494	72
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>CIC-A652T-\ VPSAPAPSL	194	>CIC-A652T-r VPSAPTPSL	287	93
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>CIC-A652T-\ VPSAPAPSLA	102	>CIC-A652T-r VPSAPTPSLA	108	6
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>CIC-A652T-\ RVPSAPAPSL	613	>CIC-A652T-r RVPSAPTPSL	290	323
>CIC-A652T-\ RVPSAPAPSL	198	>CIC-A652T-r RVPSAPTPSL	211	13
>CIC-A652T-\ RVPSAPAPSL	333	>CIC-A652T-r RVPSAPTPSL	665	332
>CIC-A652T-\ RVPSAPAPSL	207	>CIC-A652T-r RVPSAPTPSL	95	112
>CIC-A652T-\ RVPSAPAPSL	403	>CIC-A652T-r RVPSAPTPSL	502	99
>CIC-A652T-\ RVPSAPAPSL	16	>CIC-A652T-r RVPSAPTPSL	25	9
>CIC-A652T-\ ARVPSAPAPS	67	>CIC-A652T-r ARVPSAPTPS	65	2
>CIC-A652T-\ ARVPSAPAPS	30	>CIC-A652T-r ARVPSAPTPS	37	7
>CIC-A652T-\ ARVPSAPAPS	75	>CIC-A652T-r ARVPSAPTPS	63	12
>CIC-A652T-\ GARVPSAPA	16	>CIC-A652T-r GARVPSAPT	437	421
>CIC-A652T-\ GARVPSAPAF	169	>CIC-A652T-r GARVPSAPTF	607	438
>CIC-E104K-\ ESPGPGPPH	490	>CIC-E104K-r KSPGPGPPH	18354	17864
>CIC-E104K-\ ESPGPGPPHF	55	>CIC-E104K-r KSPGPGPPHF	5219	5164
>CIC-E104K-\ ESPGPGPPHF	99	>CIC-E104K-r KSPGPGPPHF	2391	2292
>CIC-E104K-\ ESPGPGPPHF	5647	>CIC-E104K-r KSPGPGPPHF	113	5534
>CIC-E104K-\ ESPGPGPPHF	42	>CIC-E104K-r KSPGPGPPHF	4751	4709
>CIC-E104K-\ ESPGPGPPHF	216	>CIC-E104K-r KSPGPGPPHF	11460	11244
>CIC-E104K-\ ESPGPGPPHF	2528	>CIC-E104K-r KSPGPGPPHF	64	2464
>CIC-E104K-\ ESPGPGPPHF	10	>CIC-E104K-r KSPGPGPPHF	3	7
>CIC-E104K-\ CPESGPGPP	262	>CIC-E104K-r CPKSPGPGPP	1237	975
>CIC-E104K-\ RPPGATCPE	17833	>CIC-E104K-r RPPGATCPK	197	17636
>CIC-Q427H- QRAASEDM	487	>CIC-Q427H- HRAASEDM	532	45
>CIC-Q427H- QRAASEDM	3563	>CIC-Q427H- HRAASEDM	436	3127

>CIC-Q427H- SQRAASEDM	54	>CIC-Q427H- SHRAASEDM	13200	13146
>CIC-Q427H- SQRAASEDM	265	>CIC-Q427H- SHRAASEDM	8072	7807
>CIC-Q427H- SQRAASEDM	31	>CIC-Q427H- SHRAASEDM	742	711
>CIC-Q427H- RSQRAASEDM	1275	>CIC-Q427H- RSHRAASEDM	194	1081
>CIC-Q427H- RSQRAASE	3615	>CIC-Q427H- RSHRAASE	152	3463
>CIC-Q427H- RSQRAASED	4227	>CIC-Q427H- RSHRAASED	384	3843
>CIC-Q427H- RSQRAASEDM	2123	>CIC-Q427H- RSHRAASEDM	72	2051
>CIC-Q427H- RSQRAASEDM	426	>CIC-Q427H- RSHRAASEDM	122	304
>CIC-Q427H- RSQRAASEDM	27	>CIC-Q427H- RSHRAASEDM	14	13
>CIC-Q427H- RSQRAASEDM	637	>CIC-Q427H- RSHRAASEDM	372	265
>CIC-Q427H- RSQRAASEDM	221	>CIC-Q427H- RSHRAASEDM	410	189
>CIC-Q427H- RSQRAASEDM	23	>CIC-Q427H- RSHRAASEDM	29	6
>CIC-Q427H- SRSQRAASED	1165	>CIC-Q427H- SRSHRAASED	432	733
>CIC-Q427H- ASRSQRAA	7	>CIC-Q427H- ASRSHRAA	6	1
>CIC-Q427H- ASRSQRAAS	11	>CIC-Q427H- ASRSHRAAS	14	3
>CIC-Q427H- ASRSQRAASE	143	>CIC-Q427H- ASRSHRAASE	134	9
>CIC-Q427H- ASRSQRAASE	317	>CIC-Q427H- ASRSHRAASE	333	16
>CIC-Q427H- RASRSQRA	232	>CIC-Q427H- RASRSHRA	143	89
>CIC-Q427H- RASRSQRAA	102	>CIC-Q427H- RASRSHRAA	32	70
>CIC-Q427H- RASRSQRAAS	593	>CIC-Q427H- RASRSHRAAS	311	282
>CIC-Q427H- RASRSQRAA	993	>CIC-Q427H- RASRSHRAA	310	683
>CIC-Q427H- TRASRSQR	376	>CIC-Q427H- TRASRSHR	395	19
>CIC-Q427H- TRASRSQR	556	>CIC-Q427H- TRASRSHR	391	165
>CIC-Q427H- PTRASRSQ	168	>CIC-Q427H- PTRASRSRSH	621	453
>CIC-Q427H- PTRASRSQR	71	>CIC-Q427H- PTRASRSRSHR	33	38
>CIC-Q427H- PTRASRSQRA	25	>CIC-Q427H- PTRASRSRSHRA	24	1
>CIC-Q427H- PTRASRSQRA	17	>CIC-Q427H- PTRASRSRSHRA	11	6
>CIC-Q427H- PTRASRSQR	273	>CIC-Q427H- PTRASRSRSHR	100	173
>CIC-Q427H- PTRASRSQR	430	>CIC-Q427H- PTRASRSRSHR	143	287
>CIC-Q427H- LPTRASRSQ	518	>CIC-Q427H- LPTRASRSRSH	327	191
>CIC-Q427H- LPTRASRSQR	524	>CIC-Q427H- LPTRASRSRSHR	439	85
>CIC-Q427H- LPTRASRSQ	1516	>CIC-Q427H- LPTRASRSRSH	175	1341
>CIC-Q427H- LPTRASRSQR	57	>CIC-Q427H- LPTRASRSRSHR	21	36
>CIC-Q427H- LLPTRASRSQ	909	>CIC-Q427H- LLPTRASRSRSHI	399	510
>CIC-W37S-v WHSLVPFL	35	>CIC-W37S-n SHSLVPFL	134	99
>CIC-W37S-v PWHLVPFL	5738	>CIC-W37S-n PSHSLVPFL	494	5244
>CIC-W37S-v PWHLVPF	388	>CIC-W37S-n PSHSLVPF	12988	12600
>CIC-W37S-v PWHLVPF	108	>CIC-W37S-n PSHSLVPF	10514	10406
>CIC-W37S-v PWHLVPFL	378	>CIC-W37S-n PSHSLVPFL	17818	17440
>CIC-W37S-v PWHLVPFL	3353	>CIC-W37S-n PSHSLVPFL	419	2934
>CIC-W37S-v PWHLVPF	813	>CIC-W37S-n PSHSLVPF	66	747
>CIC-W37S-v PWHLVPF	26303	>CIC-W37S-n PSHSLVPF	276	26027
>CIC-W37S-v PWHLVPFL	12607	>CIC-W37S-n PSHSLVPFL	436	12171

>CIC-W37S-m PWHSLVPFL	63	>CIC-W37S-n PSHSLVPFL	30691	30628
>CIC-W37S-m VEPRSVAVFP	262	>CIC-W37S-n VEPRSVAVFP	15556	15294
>CIC-W37S-m VEPRSVAVFP	429	>CIC-W37S-n VEPRSVAVFP	3622	3193
>CIC-W37S-m FPWHSVLPF	251	>CIC-W37S-n FPSHSVLPF	1839	1588
>CIC-W37S-m FPWHSVLPFL	15	>CIC-W37S-n FPSHSVLPFL	34	19
>CIC-W37S-m FPWHSVLPFL	120	>CIC-W37S-n FPSHSVLPFL	997	877
>CIC-W37S-m FPWHSVLPF	13	>CIC-W37S-n FPSHSVLPF	14	1
>CIC-W37S-m FPWHSVLPF	289	>CIC-W37S-n FPSHSVLPF	825	536
>CIC-W37S-m FPWHSVLPF	4	>CIC-W37S-n FPSHSVLPF	9	5
>CIC-W37S-m FPWHSVLPFL	350	>CIC-W37S-n FPSHSVLPFL	1241	891
>CIC-W37S-m FPWHSVLP	130	>CIC-W37S-n FPSHSVLP	826	696
>CIC-W37S-m FPWHSVLPF	6	>CIC-W37S-n FPSHSVLPF	9	3
>CIC-W37S-m FPWHSVLPFL	53	>CIC-W37S-n FPSHSVLPFL	257	204
>CIC-W37S-m FPWHSVLPFL	235	>CIC-W37S-n FPSHSVLPFL	95	140
>CIC-W37S-m FPWHSVLPF	208	>CIC-W37S-n FPSHSVLPF	496	288
>CIC-W37S-m FPWHSVLPFL	312	>CIC-W37S-n FPSHSVLPFL	778	466
>CIC-W37S-m FPWHSVLPF	19	>CIC-W37S-n FPSHSVLPF	45	26
>CIC-W37S-m FPWHSVLPFL	221	>CIC-W37S-n FPSHSVLPFL	387	166
>CIC-W37S-m FPWHSVLP	17	>CIC-W37S-n FPSHSVLP	320	303
>CIC-W37S-m FPWHSVLPF	10	>CIC-W37S-n FPSHSVLPF	68	58
>CIC-W37S-m FPWHSVLPFL	2053	>CIC-W37S-n FPSHSVLPFL	484	1569
>CIC-W37S-m FPWHSVLPFL	4	>CIC-W37S-n FPSHSVLPFL	5	1
>CIC-W37S-m FPWHSVLPF	32	>CIC-W37S-n FPSHSVLPF	18	14
>CIC-W37S-m FPWHSVLPF	7	>CIC-W37S-n FPSHSVLPF	8	1
>CIC-W37S-m FPWHSVLPFL	53	>CIC-W37S-n FPSHSVLPFL	60	7
>CIC-W37S-m VFPWHSVLP	265	>CIC-W37S-n VFPSHSVLP	1290	1025
>CIC-W37S-m VFPWHSVLPF	181	>CIC-W37S-n VFPSHSVLPF	148	33
>CIC-W37S-m VFPWHSVLPF	68	>CIC-W37S-n VFPSHSVLPF	67	1
>CIC-W37S-m VFPWHSVLPF	188	>CIC-W37S-n VFPSHSVLPF	272	84
>CIC-W37S-m VFPWHSVLPF	15	>CIC-W37S-n VFPSHSVLPF	13	2
>CIC-W37S-m VFPWHSVLPF	37	>CIC-W37S-n VFPSHSVLPF	34	3
>CIC-W37S-m VFPWHSVLPF	2395	>CIC-W37S-n VFPSHSVLPF	483	1912
>CIC-W37S-m VFPWHSVLPF	178	>CIC-W37S-n VFPSHSVLPF	116	62
>CIC-W37S-m VFPWHSVLPF	22	>CIC-W37S-n VFPSHSVLPF	15	7
>CIC-W37S-m VFPWHSVLPF	498	>CIC-W37S-n VFPSHSVLPF	562	64
>CIC-W37S-m VFPWHSVLP	344	>CIC-W37S-n VFPSHSVLP	2747	2403
>CIC-W37S-m VFPWHSVLPF	132	>CIC-W37S-n VFPSHSVLPF	738	606
>CIC-W37S-m AVFPWHSVLP	56	>CIC-W37S-n AVFPWHSVLP	575	519
>CIC-W37S-m AVFPWHSVLP	59	>CIC-W37S-n AVFPWHSVLP	188	129
>CIC-W37S-m AVFPWHSVLP	101	>CIC-W37S-n AVFPWHSVLP	414	313
>CIC-W37S-m AVFPWHSVLP	39	>CIC-W37S-n AVFPWHSVLP	452	413
>CIC-W37S-m AVFPWHSVLP	58	>CIC-W37S-n AVFPWHSVLP	48	10
>CIC-W37S-m AVFPWHSVLP	35	>CIC-W37S-n AVFPWHSVLP	59	24

>CIC-W37S-v AVFPWHS�	186	>CIC-W37S-n AVFP SHSL	187	1
>CIC-W37S-v AVFPWHS LV	9	>CIC-W37S-n AVFP SHSLV	13	4
>CIC-W37S-v AVFPWHS L	15	>CIC-W37S-n AVFP SHSL	41	26
>CIC-W37S-v AVFPWHS LV	8	>CIC-W37S-n AVFP SHSLV	23	15
>CIC-W37S-v AVFPWHS LVI	83	>CIC-W37S-n AVFP SHSLVP	128	45
>CIC-W37S-v AVFPWHS L	14	>CIC-W37S-n AVFP SHSL	75	61
>CIC-W37S-v AVFPWHS LV	4	>CIC-W37S-n AVFP SHSLV	24	20
>CIC-W37S-v AVFPWHS LV	399	>CIC-W37S-n AVFP SHSLV	1848	1449
>CIC-W37S-v AVFPWHS L	132	>CIC-W37S-n AVFP SHSL	522	390
>CIC-W37S-v AVFPWHS LV	18	>CIC-W37S-n AVFP SHSLV	82	64
>CIC-W37S-v AVFPWHS L	6	>CIC-W37S-n AVFP SHSL	10	4
>CIC-W37S-v AVFPWHS LV	2	>CIC-W37S-n AVFP SHSLV	5	3
>CIC-W37S-v AVFPWHS LVI	417	>CIC-W37S-n AVFP SHSLVP	1336	919
>CIC-W37S-v AVFPWHS LVI	331	>CIC-W37S-n AVFP SHSLVP	521	190
>CIC-W37S-v AVFPWHS LVI	163	>CIC-W37S-n AVFP SHSLVP	788	625
>CIC-W37S-v AVFPWHS L	246	>CIC-W37S-n AVFP SHSL	129	117
>CIC-W37S-v AVFPWHS LV	118	>CIC-W37S-n AVFP SHSLV	31	87
>CIC-W37S-v AVFPWHS L	146	>CIC-W37S-n AVFP SHSL	127	19
>CIC-W37S-v AVFPWHS LVI	17	>CIC-W37S-n AVFP SHSLVP	34	17
>CIC-W37S-v AVFPWHS L	71	>CIC-W37S-n AVFP SHSL	105	34
>CIC-W37S-v AVFPWHS LV	15	>CIC-W37S-n AVFP SHSLV	22	7
>CIC-W37S-v AVFPWHS L	232	>CIC-W37S-n AVFP SHSL	705	473
>CIC-W37S-v AVFPWHS LV	27	>CIC-W37S-n AVFP SHSLV	518	491
>CIC-W37S-v AVFPWHS L	608	>CIC-W37S-n AVFP SHSL	345	263
>CIC-W37S-v AVFPWHS LVI	33	>CIC-W37S-n AVFP SHSLVP	31	2
>CIC-W37S-v AVFPWHS LVI	811	>CIC-W37S-n AVFP SHSLVP	326	485
>CIC-W37S-v AVFPWHS L	601	>CIC-W37S-n AVFP SHSL	161	440
>CIC-W37S-v AVFPWHS LV	1552	>CIC-W37S-n AVFP SHSLV	346	1206
>CIC-W37S-v AVFPWHS LVI	8	>CIC-W37S-n AVFP SHSLVP	4	4
>CIC-W37S-v AVFPWHS L	48	>CIC-W37S-n AVFP SHSL	17	31
>CIC-W37S-v AVFPWHS LV	1512	>CIC-W37S-n AVFP SHSLV	244	1268
>CIC-W37S-v AVFPWHS LVI	6	>CIC-W37S-n AVFP SHSLVP	4	2
>CIC-W37S-v AVFPWHS LVI	172	>CIC-W37S-n AVFP SHSLVP	200	28
>CIC-W37S-v AVFPWHS L	1588	>CIC-W37S-n AVFP SHSL	362	1226
>CIC-W37S-v AVFPWHS LV	8	>CIC-W37S-n AVFP SHSLV	14	6
>CIC-W37S-v AVFPWHS LVI	91	>CIC-W37S-n AVFP SHSLVP	129	38
>CIC-W37S-v AVFPWHS LVI	498	>CIC-W37S-n AVFP SHSLVP	317	181
>CIC-W37S-v AVFPWHS L	502	>CIC-W37S-n AVFP SHSL	478	24
>CIC-W37S-v VAVFPWHS L	313	>CIC-W37S-n VAVFP SHSL	971	658
>CIC-W37S-v VAVFPWHS L'	200	>CIC-W37S-n VAVFP SHSLV	652	452
>CIC-W37S-v VAVFPWHS L'	228	>CIC-W37S-n VAVFP SHSLV	368	140
>CIC-W37S-v VAVFPWHS L	376	>CIC-W37S-n VAVFP SHSL	301	75
>CIC-W37S-v VAVFPWHS L'	238	>CIC-W37S-n VAVFP SHSLV	82	156

>CIC-W37S-v VAVFPWHL	1062	>CIC-W37S-n VAVFP SHSL	420	642
>CIC-W37S-v VAVFPWHL'	314	>CIC-W37S-n VAVFP SHSLV	452	138
>CIC-W37S-v VAVFPWHL	45	>CIC-W37S-n VAVFP SHSL	25	20
>CIC-W37S-v VAVFPWHL	1028	>CIC-W37S-n VAVFP SHSL	249	779
>CIC-W37S-v SVAVFPWHSI	130	>CIC-W37S-n SVAVFP SHSL'	836	706
>CIC-W37S-v SVAVFPWHSI	97	>CIC-W37S-n SVAVFP SHSL	65	32
>CIC-W37S-v SVAVFPWHSI	33	>CIC-W37S-n SVAVFP SHSL'	53	20
>CIC-W37S-v SVAVFPWHSI	232	>CIC-W37S-n SVAVFP SHSL	153	79
>CIC-W37S-v SVAVFPWHSI	27	>CIC-W37S-n SVAVFP SHSL'	22	5
>CIC-W37S-v SVAVFPWHSI	39	>CIC-W37S-n SVAVFP SHSL'	143	104
>CIC-W37S-v SVAVFPWHSI	215	>CIC-W37S-n SVAVFP SHSL	679	464
>CIC-W37S-v SVAVFPWHSI	28	>CIC-W37S-n SVAVFP SHSL'	153	125
>CIC-W37S-v SVAVFPWHSI	248	>CIC-W37S-n SVAVFP SHSL	966	718
>CIC-W37S-v SVAVFPWHSI	31	>CIC-W37S-n SVAVFP SHSL'	112	81
>CIC-W37S-v SVAVFPWHSI	93	>CIC-W37S-n SVAVFP SHSL	181	88
>CIC-W37S-v SVAVFPWHSI	10	>CIC-W37S-n SVAVFP SHSL'	27	17
>CIC-W37S-v SVAVFPWHS	410	>CIC-W37S-n SVAVFP SHS	1145	735
>CIC-W37S-v SVAVFPWHSI	82	>CIC-W37S-n SVAVFP SHSL	75	7
>CIC-W37S-v SVAVFPWHSI	12	>CIC-W37S-n SVAVFP SHSL'	15	3
>CIC-W37S-v SVAVFPWHSI	39	>CIC-W37S-n SVAVFP SHSL	60	21
>CIC-W37S-v SVAVFPWHSI	12	>CIC-W37S-n SVAVFP SHSL'	41	29
>CIC-W37S-v SVAVFPWHSI	200	>CIC-W37S-n SVAVFP SHSL'	67	133
>CIC-W37S-v SVAVFPWH	347	>CIC-W37S-n SVAVFP SH	896	549
>CIC-W37S-v SVAVFPWHSI	249	>CIC-W37S-n SVAVFP SHSL	8967	8718
>CIC-W37S-v RSVAVFPWH	88	>CIC-W37S-n RSVAVFP SHS	157	69
>CIC-W37S-v RSVAVFPWH	284	>CIC-W37S-n RSVAVFP SHS	299	15
>CIC-W37S-v RSVAVFPW	44	>CIC-W37S-n RSVAVFP S	5171	5127
>CIC-W37S-v RSVAVFPWH	388	>CIC-W37S-n RSVAVFP SHS	65	323
>CIC-W37S-v RSVAVFPWH	893	>CIC-W37S-n RSVAVFP SHS	318	575
>CIC-W37S-v RSVAVFPWH	278	>CIC-W37S-n RSVAVFP SHS	110	168
>CIC-W37S-v RSVAVFPW	4	>CIC-W37S-n RSVAVFP S	918	914
>CIC-W37S-v RSVAVFPWH	488	>CIC-W37S-n RSVAVFP SH	485	3
>CIC-W37S-v RSVAVFPWH	6	>CIC-W37S-n RSVAVFP SHS	5	1
>CIC-W37S-v RSVAVFPW	29	>CIC-W37S-n RSVAVFP S	8680	8651
>CIC-W37S-v RSVAVFPWH	276	>CIC-W37S-n RSVAVFP SHS	476	200
>CIC-W37S-v RSVAVFPW	7	>CIC-W37S-n RSVAVFP S	3866	3859
>CIC-W37S-v RSVAVFPWH	889	>CIC-W37S-n RSVAVFP SH	179	710
>CIC-W37S-v RSVAVFPWH	30	>CIC-W37S-n RSVAVFP SHS	21	9
>CIC-W37S-v RSVAVFPWH	80	>CIC-W37S-n RSVAVFP SHS	53	27
>CIC-W37S-v RSVAVFPW	166	>CIC-W37S-n RSVAVFP S	5010	4844
>CIC-W37S-v RSVAVFPWH	187	>CIC-W37S-n RSVAVFP SH	409	222
>CIC-W37S-v RSVAVFPWH	160	>CIC-W37S-n RSVAVFP SHS	139	21
>CIC-W37S-v RSVAVFPW	55	>CIC-W37S-n RSVAVFP S	30242	30187

>CIC-W37S-m RSVAVFPWH	127	>CIC-W37S-n RSVAVFPSHS	110	17
>CIC-W37S-m PRSVAVFPW	119	>CIC-W37S-n PRSVAVFPS	32711	32592
>CIC-W37S-m EPRSVAVFPV	1557	>CIC-W37S-n EPRSVAVFPS	391	1166
>CIC-W37S-m EPRSVAVFPV	20	>CIC-W37S-n EPRSVAVFPS	21556	21536
>CLTC-Y1289 YYQDRGYFEE	224	>CLTC-Y1289 CYQDRGYFEE	2857	2633
>CLTC-Y1289 YYQDRGYFEE	452	>CLTC-Y1289 CYQDRGYFEE	7947	7495
>CLTC-Y1289 YYQDRGYFEE	180	>CLTC-Y1289 CYQDRGYFEE	12487	12307
>CLTC-Y1289 YYQDRGYF	53	>CLTC-Y1289 CYQDRGYF	95	42
>CLTC-Y1289 YYQDRGYFEE	41	>CLTC-Y1289 CYQDRGYFEE	86	45
>CLTC-Y1289 YYQDRGYF	142	>CLTC-Y1289 CYQDRGYF	412	270
>CLTC-Y1289 YYQDRGYFEE	110	>CLTC-Y1289 CYQDRGYFEE	360	250
>CLTC-Y1289 YYQDRGYF	4	>CLTC-Y1289 CYQDRGYF	5	1
>CLTC-Y1289 YYQDRGYFEE	184	>CLTC-Y1289 CYQDRGYFEE	287	103
>CLTC-Y1289 YYQDRGYFEE	5	>CLTC-Y1289 CYQDRGYFEE	6	1
>CLTC-Y1289 YYQDRGYF	220	>CLTC-Y1289 CYQDRGYF	2225	2005
>CLTC-Y1289 YYQDRGYFEE	345	>CLTC-Y1289 CYQDRGYFEE	314	31
>CLTC-Y1289 NYYQDRGYF	148	>CLTC-Y1289 NCYQDRGYF	15271	15123
>CLTC-Y1289 NYYQDRGYF	8	>CLTC-Y1289 NCYQDRGYF	7654	7646
>CLTC-Y1289 NYYQDRGY	171	>CLTC-Y1289 NCYQDRGY	3824	3653
>CLTC-Y1289 NYYQDRGY	380	>CLTC-Y1289 NCYQDRGY	2363	1983
>CLTC-Y1289 NYYQDRGY	340	>CLTC-Y1289 NCYQDRGY	1455	1115
>CLTC-Y1289 HADELEELIN	54	>CLTC-Y1289 HADELEELIN	19865	19811
>CLTC-Y1289 HADELEELIN	282	>CLTC-Y1289 HADELEELIN	24165	23883
>CLTC-Y1289 HADELEELIN	63	>CLTC-Y1289 HADELEELIN	15443	15380
>CLTC-Y1289 HADELEELIN	374	>CLTC-Y1289 HADELEELIN	22383	22009
>CLTC-Y1289 INYYQDRGYF	277	>CLTC-Y1289 INCYQDRGYF	2691	2414
>CLTC-Y1289 INYYQDRGY	389	>CLTC-Y1289 INCYQDRGY	3866	3477
>CLTC-Y1289 INYYQDRGYF	162	>CLTC-Y1289 INCYQDRGYF	2283	2121
>CLTC-Y1289 LINYYQDRGY	297	>CLTC-Y1289 LINCYQDRGY	317	20
>CLTC-Y1289 LINYYQDRGY	409	>CLTC-Y1289 LINCYQDRGY	609	200
>CLTC-Y1289 LINYYQDR	108	>CLTC-Y1289 LINCYQDR	271	163
>CLTC-Y1289 LINYYQDR	209	>CLTC-Y1289 LINCYQDR	434	225
>CLTC-Y1289 LINYYQDRGY	207	>CLTC-Y1289 LINCYQDRGY	224	17
>CLTC-Y1289 LINYYQDRGY	220	>CLTC-Y1289 LINCYQDRGY	224	4
>CLTC-Y1289 ELINYYQDRG	9	>CLTC-Y1289 ELINCYQDRG	15	6
>CLTC-Y1289 ELINYYQDRG	19	>CLTC-Y1289 ELINCYQDRG	35	16
>CLTC-Y1289 ELINYYQDRG	37	>CLTC-Y1289 ELINCYQDRG	99	62
>CLTC-Y1289 ELINYYQDR	125	>CLTC-Y1289 ELINCYQDR	211	86
>CLTC-Y1289 ELINYYQDR	36	>CLTC-Y1289 ELINCYQDR	80	44
>CLTC-Y1289 ELINYYQDRG	368	>CLTC-Y1289 ELINCYQDRG	499	131
>CLTC-Y1289 ELINYYQDRG	289	>CLTC-Y1289 ELINCYQDRG	519	230
>CLTC-Y1289 ELINYYQDR	1196	>CLTC-Y1289 ELINCYQDR	391	805
>CLTC-Y1289 LEELINYY	1180	>CLTC-Y1289 LEELINCY	470	710



>CLTC-Y1289 LEELINYY	66	>CLTC-Y1289 LEELINCY	100	34
>CLTC-Y1289 LEELINYY	1219	>CLTC-Y1289 LEELINCY	455	764
>CLTC-Y1289 LEELINYY	410	>CLTC-Y1289 LEELINCY	760	350
>CLTC-Y1289 ELEELINYY	287	>CLTC-Y1289 ELEELINCY	920	633
>CLTC-Y1289 ELEELINYY	187	>CLTC-Y1289 ELEELINCY	458	271
>CLTC-Y1289 ELEELINYY	241	>CLTC-Y1289 ELEELINCY	4733	4492
>CLTC-Y1289 ELEELINYY	439	>CLTC-Y1289 ELEELINC	33099	32660
>CLTC-Y1289 ELEELINYY	177	>CLTC-Y1289 ELEELINCY	421	244
>CLTC-Y1289 DELEELINYY	414	>CLTC-Y1289 DELEELINCY	749	335
>CLTC-Y1289 DELEELINYY	198	>CLTC-Y1289 DELEELINC	30864	30666
>CLTC-Y1289 DELEELINYY	499	>CLTC-Y1289 DELEELINCY	296	203
>CLTC-Y1289 DELEELINYY	4	>CLTC-Y1289 DELEELINC	155	151
>CLTC-Y1289 DELEELINYY	127	>CLTC-Y1289 DELEELINCY	266	139
>CLTC-Y1289 DELEELINYYC	19	>CLTC-Y1289 DELEELINCYC	86	67
>CLTC-Y1289 DELEELINYY	483	>CLTC-Y1289 DELEELINC	6425	5942
>CLTC-Y1289 DELEELINYY	123	>CLTC-Y1289 DELEELINC	6870	6747
>CLTC-Y1289 DELEELINYY	290	>CLTC-Y1289 DELEELINCY	1220	930
>CLTCL1-E11 EVVQSASRS	433	>CLTCL1-E11 VVVQSASRS	14338	13905
>CLTCL1-E11 EVVQSASR	249	>CLTCL1-E11 VVVQSASR	2478	2229
>CLTCL1-E11 EVVQSASR	3	>CLTCL1-E11 VVVQSASR	71	68
>CLTCL1-E11 LEVVQSASR	6692	>CLTCL1-E11 LVVVQSASR	150	6542
>CLTCL1-E11 LEVVQSASR	4170	>CLTCL1-E11 LVVVQSASR	49	4121
>CLTCL1-E11 YLEVQQSA	529	>CLTCL1-E11 YLVVVQSA	86	443
>CLTCL1-E11 YLEVQQSA	55	>CLTCL1-E11 YLVVVQSA	25	30
>CLTCL1-E11 YLEVQQSAS	1175	>CLTCL1-E11 YLVVVQSAS	391	784
>CLTCL1-E11 YLEVQQSA	92	>CLTCL1-E11 YLVVVQSA	9	83
>CLTCL1-E11 YLEVQQSAS	6155	>CLTCL1-E11 YLVVVQSAS	480	5675
>CLTCL1-E11 YLEVQQSA	1174	>CLTCL1-E11 YLVVVQSA	94	1080
>CLTCL1-E11 YLEVQQSA	39	>CLTCL1-E11 YLVVVQSA	7	32
>CLTCL1-E11 YLEVQQSAS	2972	>CLTCL1-E11 YLVVVQSAS	420	2552
>CLTCL1-E11 YLEVQQSA	94	>CLTCL1-E11 YLVVVQSA	29	65
>CLTCL1-E11 YLEVQQSA	126	>CLTCL1-E11 YLVVVQSA	20	106
>CLTCL1-E11 YLEVQQSA	1457	>CLTCL1-E11 YLVVVQSA	131	1326
>CLTCL1-E11 YLEVQQSA	5	>CLTCL1-E11 YLVVVQSA	4	1
>CLTCL1-E11 YLEVQQSASR	834	>CLTCL1-E11 YLVVVQSASR	263	571
>CLTCL1-E11 YLEVQQSASR	296	>CLTCL1-E11 YLVVVQSASR	22	274
>CLTCL1-E11 YLEVQQSASR	571	>CLTCL1-E11 YLVVVQSASR	458	113
>CLTCL1-E11 SYLEVQQSA	212	>CLTCL1-E11 SYLVVVQSA	74	138
>CLTCL1-E11 SYLEVQQSAS	195	>CLTCL1-E11 SYLVVVQSAS	87	108
>CLTCL1-E11 SYLEVQQSA	168	>CLTCL1-E11 SYLVVVQSA	3178	3010
>CLTCL1-E11 SYLEVQQSA	297	>CLTCL1-E11 SYLVVVQSA	4194	3897
>CLTCL1-E11 SYLEVQQS	346	>CLTCL1-E11 SYLVVVQS	343	3
>CLTCL1-E11 SYLEVQQSA	186	>CLTCL1-E11 SYLVVVQSA	192	6

>CLTCL1-E11 SYLEVQQSAS	432	>CLTCL1-E11 SYLVVVQSAS	626	194
>CLTCL1-E11 SYLEVQQSAS	46	>CLTCL1-E11 SYLVVVQSAS	26	20
>CLTCL1-E11 SYLEVQQSAS	51	>CLTCL1-E11 SYLVVVQSAS	66	15
>CLTCL1-E11 SYLEVQQSAS	73	>CLTCL1-E11 SYLVVVQSAS	131	58
>CLTCL1-E11 SYLEVQSA	266	>CLTCL1-E11 SYLVVVQSA	326	60
>CLTCL1-E11 SSYLEVVQSA	1008	>CLTCL1-E11 SSYLVVVQSA	383	625
>CLTCL1-E11 DDPSSYLE	25366	>CLTCL1-E11 DDPSSYLV	449	24917
>CLTCL1-E11 GDDPSSYLE	8987	>CLTCL1-E11 GDDPSSYLV	26	8961
>CLTCL1-E11 GDDPSSYLEV	66	>CLTCL1-E11 GDDPSSYLVV	53	13
>CLTCL1-E11 GDDPSSYLEV	53	>CLTCL1-E11 GDDPSSYLVV	70	17
>CLTCL1-E11 RGDDPSSYLE	28096	>CLTCL1-E11 RGDDPSSYLV	312	27784
>CLTCL1-E11 RGDDPSSYLE	384	>CLTCL1-E11 RGDDPSSYLV	713	329
>CLTCL1-V84 LVAEVEKRNR	5682	>CLTCL1-V84 LLAEVEKRNR	267	5415
>CLTCL1-V84 LVAEVEKRNR	186	>CLTCL1-V84 LLAEVEKRNR	13	173
>CLTCL1-V84 LVAEVEKRNR	2311	>CLTCL1-V84 LLAEVEKRNR	62	2249
>CLTCL1-V84 LVAEVEKRNR	1702	>CLTCL1-V84 LLAEVEKRNR	22	1680
>CLTCL1-V84 LVAEVEKRNR	12063	>CLTCL1-V84 LLAEVEKRNR	283	11780
>CLTCL1-V84 LVAEVEKRNR	5026	>CLTCL1-V84 LLAEVEKRNR	66	4960
>CLTCL1-V84 LVAEVEKRNR	11892	>CLTCL1-V84 LLAEVEKRNR	233	11659
>CLTCL1-V84 LVAEVEKRNR	208	>CLTCL1-V84 LLAEVEKRNR	4	204
>CLTCL1-V84 LVAEVEKRNR	342	>CLTCL1-V84 LLAEVEKRNR	441	99
>CLTCL1-V84 LVAEVEKR	18	>CLTCL1-V84 LLAEVEKR	92	74
>CLTCL1-V84 LVAEVEKRNR	72	>CLTCL1-V84 LLAEVEKRNR	934	862
>CLTCL1-V84 LVAEVEKRNR	174	>CLTCL1-V84 LLAEVEKRNR	2462	2288
>CLTCL1-V84 ELVAEVEK	46	>CLTCL1-V84 ELLAEVEK	198	152
>CLTCL1-V84 ELVAEVEKR	23	>CLTCL1-V84 ELLAEVEKR	96	73
>CLTCL1-V84 ELVAEVEKRN	71	>CLTCL1-V84 ELLAEVEKRN	316	245
>CLTCL1-V84 ELVAEVEKR	414	>CLTCL1-V84 ELLAEVEKR	247	167
>CLTCL1-V84 ELVAEVEKRN	525	>CLTCL1-V84 ELLAEVEKRN	293	232
>CLTCL1-V84 DELVAEVE	1368	>CLTCL1-V84 DELLAEVE	357	1011
>CLTCL1-V84 DELVAEVE	376	>CLTCL1-V84 DELLAEVE	249	127
>CLTCL1-V84 DELVAEVEK	379	>CLTCL1-V84 DELLAEVEK	256	123
>CLTCL1-V84 TDELVAEV	75	>CLTCL1-V84 TDELLAEV	78	3
>CLTCL1-V84 STDELVAEV	470	>CLTCL1-V84 STDELLAEV	261	209
>CLTCL1-V84 STDELVAEV	20	>CLTCL1-V84 STDELLAEV	16	4
>CLTCL1-V84 STDELVAEV	53	>CLTCL1-V84 STDELLAEV	39	14
>CLTCL1-V84 STDELVAEV	92	>CLTCL1-V84 STDELLAEV	105	13
>CLTCL1-V84 STDELVAEV	11	>CLTCL1-V84 STDELLAEV	6	5
>CLTCL1-V84 STDELVAEV	3	>CLTCL1-V84 STDELLAEV	4	1
>CLTCL1-V84 STDELVAEV	27	>CLTCL1-V84 STDELLAEV	21	6
>CLTCL1-V84 STDELVAEV	8	>CLTCL1-V84 STDELLAEV	10	2
>CLTCL1-V84 STDELVAEV	241	>CLTCL1-V84 STDELLAEV	619	378
>CLTCL1-V84 STDELVAEV	20	>CLTCL1-V84 STDELLAEV	23	3

>CLTCL1-V84 STDELVAEVE	20	>CLTCL1-V84 STDELLAEVEI	20	0
>CLTCL1-V84 STDELVAEVE	135	>CLTCL1-V84 STDELLAEVEI	171	36
>CLTCL1-V84 STDELVAEV	21	>CLTCL1-V84 STDELLAEV	29	8
>CLTCL1-V84 STDELVAEV	4	>CLTCL1-V84 STDELLAEV	4	0
>CLTCL1-V84 STDELVAEVE	321	>CLTCL1-V84 STDELLAEVEI	386	65
>CLTCL1-V84 FSTDELVAEV	428	>CLTCL1-V84 FSTDELLAEV	169	259
>CLTCL1-V84 FSTDELVAEV	402	>CLTCL1-V84 FSTDELLAEV	210	192
>CLTCL1-V84 FSTDELVAEV	309	>CLTCL1-V84 FSTDELLAEV	148	161
>CLTCL1-V84 FSTDELVA	971	>CLTCL1-V84 FSTDELLA	441	530
>CLTCL1-V84 FSTDELVAEV	97	>CLTCL1-V84 FSTDELLAEV	46	51
>CLTCL1-V84 FSTDELVAEV	82	>CLTCL1-V84 FSTDELLAEV	125	43
>CLTCL1-V84 FSTDELVAEV	301	>CLTCL1-V84 FSTDELLAEV	470	169
>CLTCL1-V84 FSTDELVAEV	17	>CLTCL1-V84 FSTDELLAEV	20	3
>CLTCL1-V84 FSTDELVAEV	156	>CLTCL1-V84 FSTDELLAEV	170	14
>CLTCL1-V84 FSTDELVAEV	148	>CLTCL1-V84 FSTDELLAEV	146	2
>CLTCL1-V84 FSTDELVAEV	439	>CLTCL1-V84 FSTDELLAEV	530	91
>CLTCL1-V84 FSTDELVAEV	838	>CLTCL1-V84 FSTDELLAEV	363	475
>CLTCL1-V84 GQFSTDELV	178	>CLTCL1-V84 GQFSTDELL	1225	1047
>CLTCL1-V84 GQFSTDELV	88	>CLTCL1-V84 GQFSTDELL	106	18
>CLTCL1-V84 GQFSTDELVA	447	>CLTCL1-V84 GQFSTDELLA	151	296
>CLTCL1-V84 GQFSTDELV	24	>CLTCL1-V84 GQFSTDELL	134	110
>CLTCL1-V84 GQFSTDELV	116	>CLTCL1-V84 GQFSTDELL	1966	1850
>CLTCL1-V84 GQFSTDELV	183	>CLTCL1-V84 GQFSTDELL	2210	2027
>CLTCL1-V84 GQFSTDELV	57	>CLTCL1-V84 GQFSTDELL	1533	1476
>CLTCL1-V84 GQFSTDELV	237	>CLTCL1-V84 GQFSTDELL	109	128
>CLTCL1-V84 GQFSTDELVA	333	>CLTCL1-V84 GQFSTDELLA	1184	851
>CLTCL1-V84 GQFSTDELV	1129	>CLTCL1-V84 GQFSTDELL	90	1039
>CLTCL1-V84 GQFSTDELV	5527	>CLTCL1-V84 GQFSTDELL	284	5243
>COL1A1-G6.GERGEQGPA	17294	>COL1A1-G6.DERGEQGPA	402	16892
>COL1A1-G6.GERGEQGPA	375	>COL1A1-G6.DERGEQGPA	9366	8991
>COL1A1-G6.GERGEQGPA	151	>COL1A1-G6.DERGEQGPA	2174	2023
>COL1A1-L12 LKSLSQQI	112	>COL1A1-L12 FKSLSQQI	62	50
>COL1A1-L12 LKSLSQQIENI	133	>COL1A1-L12 FKSLSQQIENI	67	66
>COL1A1-L12 TLKSLSQQI	7709	>COL1A1-L12 TFKSLSQQI	491	7218
>COL1A1-L12 TLKSLSQQI	210	>COL1A1-L12 TFKSLSQQI	13774	13564
>COL1A1-L12 TLKSLSQQI	43	>COL1A1-L12 TFKSLSQQI	14846	14803
>COL1A1-L12 TLKSLSQQI	63	>COL1A1-L12 TFKSLSQQI	24887	24824
>COL1A1-L12 TLKSLSQQI	15143	>COL1A1-L12 TFKSLSQQI	376	14767
>COL1A1-L12 RDRDLEVDTT	5005	>COL1A1-L12 RDRDLEVDTT	388	4617
>COL1A1-L12 RDRDLEVDTT	333	>COL1A1-L12 RDRDLEVDTT	683	350
>COL1A1-L12 RDRDLEVDTT	1045	>COL1A1-L12 RDRDLEVDTT	207	838
>COL1A1-L12 TTLKSLSQQI	1142	>COL1A1-L12 TTFKSLSQQI	227	915
>COL1A1-L12 TTLKSLSQ	5047	>COL1A1-L12 TTFKSLSQ	181	4866

>COL1A1-L12TTLKSLSQQ	2010	>COL1A1-L12TTFKSLSQQ	68	1942
>COL1A1-L12TTLKSLSQQI	1478	>COL1A1-L12TTFKSLSQQI	164	1314
>COL1A1-L12TTLKSLSQQI	28	>COL1A1-L12TTFKSLSQQI	52	24
>COL1A1-L12TTLKSLSQQ	1144	>COL1A1-L12TTFKSLSQQ	434	710
>COL1A1-L12TTLKSLSQQI	30	>COL1A1-L12TTFKSLSQQI	19	11
>COL1A1-L12TTLKSLSQQ	100	>COL1A1-L12TTFKSLSQQ	21	79
>COL1A1-L12DTTLKSLSQQ	734	>COL1A1-L12DTTFKSLSQQ	164	570
>COL1A1-L12VDTTLKSL	7598	>COL1A1-L12VDTTFKSL	380	7218
>COL1A1-L12EVDTTLKSL	244	>COL1A1-L12EVDTTFKSL	148	96
>COL1A1-L12LEVDTTLKSL	43	>COL1A1-L12LEVDTTFKSL	48	5
>COL1A1-L12LEVDTTLKSL	648	>COL1A1-L12LEVDTTFKSL	408	240
>COL1A1-L12LEVDTTLKSL	568	>COL1A1-L12LEVDTTFKSL	344	224
>COL1A1-L12LEVDTTLKS	1754	>COL1A1-L12LEVDTTFKS	498	1256
>COL1A1-L12LEVDTTLKSL	141	>COL1A1-L12LEVDTTFKSL	180	39
>COL1A1-L12DLEVDTTLK	472	>COL1A1-L12DLEVDTTFK	174	298
>COL1A1-L12RDLEVDTTL	1615	>COL1A1-L12RDLEVDTTF	286	1329
>COL1A1-L12RDLEVDTTL	225	>COL1A1-L12RDLEVDTTF	570	345
>COL1A1-L12RDLEVDTTL	455	>COL1A1-L12RDLEVDTTF	2096	1641
>COL1A1-P34GPPGFPGAV	1938	>COL1A1-P34GPSGFPGAV	341	1597
>COL1A1-P34AGPPGFPGA	482	>COL1A1-P34AGPSGFPGA	1359	877
>COL1A1-P34GPAGPPGF	541	>COL1A1-P34GPAGPSGF	110	431
>COL1A1-P34GPAGPPGF	533	>COL1A1-P34GPAGPSGF	303	230
>COL1A1-P34GPAGPPGFPC	159	>COL1A1-P34GPAGPSGFPC	137	22
>COL1A1-P34TGPAGPPGF	347	>COL1A1-P34TGPAGPSGF	980	633
>COL1A1-P34PTGPAGPPGF	190	>COL1A1-P34PTGPAGPSGF	139	51
>COL1A1-P34PTGPAGPPGF	463	>COL1A1-P34PTGPAGPSGF	190	273
>COL1A1-P34GPTGPAGPPC	1111	>COL1A1-P34GPTGPAGPSC	443	668
>COL1A1-P34GPTGPAGPPC	533	>COL1A1-P34GPTGPAGPSC	436	97
>COL1A1-P34GPTGPAGPPC	2489	>COL1A1-P34GPTGPAGPSC	266	2223
>COL1A1-P77GPAGAPGDK	5187	>COL1A1-P77GSAGAPGDK	387	4800
>COL1A1-P77GLTGPIGPPG	3620	>COL1A1-P77GLTGPIGPPG	477	3143
>COL1A1-P77GPIGPPGPA	219	>COL1A1-P77GPIGPPGSA	450	231
>COL1A1-P77GPIGPPGPA	43	>COL1A1-P77GPIGPPGSA	152	109
>COL1A1-P77GPIGPPGPAG	381	>COL1A1-P77GPIGPPGSAG	422	41
>CREBBP-A27GADSTPNI	1043	>CREBBP-A27GTDSTPNI	278	765
>CREBBP-A27LGADSTPNI	242	>CREBBP-A27LGTDSTPNI	481	239
>CREBBP-A27GLGADSTPNI	109	>CREBBP-A27GLGTDSTPNI	136	27
>CREBBP-A27GLGADSTPNI	165	>CREBBP-A27GLGTDSTPNI	258	93
>CREBBP-A27GLGADSTPNI	43	>CREBBP-A27GLGTDSTPNI	110	67
>CREBBP-A27GLGADSTPNI	19	>CREBBP-A27GLGTDSTPNI	23	4
>CREBBP-A27GLGADSTPNI	16	>CREBBP-A27GLGTDSTPNI	28	12
>CREBBP-A27GLGADSTPNI	89	>CREBBP-A27GLGTDSTPNI	138	49
>CREBBP-A27GLGADSTPNI	19	>CREBBP-A27GLGTDSTPNI	31	12

>CREBBP-A2:QMGQPGLG/	172	>CREBBP-A2:QMGQPGLG/	1368	1196
>CREBBP-A2:GQMGQPGLC	364	>CREBBP-A2:GQMGQPGLC	979	615
>CREBBP-A2:GQMGQPGLC	302	>CREBBP-A2:GQMGQPGLC	1031	729
>CREBBP-F1:FVDSGEMSE!	125	>CREBBP-F1:FVDSGEMSE!	1849	1724
>CREBBP-F1:FVDSGEMSE!	102	>CREBBP-F1:FVDSGEMSE!	863	761
>CREBBP-F1:FVDSGEMSE!	302	>CREBBP-F1:FVDSGEMSE!	315	13
>CREBBP-F1:RFVDSGEM	10687	>CREBBP-F1:RFVDSGEM	155	10532
>CREBBP-F1:RFVDSGEM	11211	>CREBBP-F1:RFVDSGEM	486	10725
>CREBBP-F1:RFVDSGEM	2526	>CREBBP-F1:RFVDSGEM	287	2239
>CREBBP-F1:RFVDSGEM	10411	>CREBBP-F1:RFVDSGEM	20	10391
>CREBBP-F1:RFVDSGEM	1783	>CREBBP-F1:RFVDSGEM	342	1441
>CREBBP-F1:VEVKPGMKSI	170	>CREBBP-F1:VEVKPGMKSI	4933	4763
>CREBBP-F1:VEVKPGMKSI	316	>CREBBP-F1:VEVKPGMKSI	8071	7755
>CREBBP-F1:VEVKPGMKSI	368	>CREBBP-F1:VEVKPGMKSI	4022	3654
>CREBBP-F1:VEVKPGMKSI	181	>CREBBP-F1:VEVKPGMKSI	3862	3681
>CREBBP-F1:VEVKPGMKSI	453	>CREBBP-F1:VEVKPGMKSI	71	382
>CREBBP-F1:SRFVDSGEM	355	>CREBBP-F1:SRFVDSGEM	1729	1374
>CREBBP-F1:SRFVDSGEM	103	>CREBBP-F1:SRFVDSGEM	669	566
>CREBBP-F1:KSRFVDSG	61	>CREBBP-F1:KSRFVDSG	93	32
>CREBBP-F1:KSRFVDSGEM	16	>CREBBP-F1:KSRFVDSGEM	20	4
>CREBBP-F1:KSRFVDSGEM	249	>CREBBP-F1:KSRFVDSGEM	304	55
>CREBBP-F1:KSRFVDSGEM	8	>CREBBP-F1:KSRFVDSGEM	8	0
>CREBBP-F1:KSRFVDSGEM	22	>CREBBP-F1:KSRFVDSGEM	27	5
>CREBBP-F1:KSRFVDSGEM	301	>CREBBP-F1:KSRFVDSGEM	540	239
>CREBBP-F1:MKSRFVDSGI	38	>CREBBP-F1:MKSRFVDSGI	79	41
>CREBBP-F1:KPGMKSRF	77	>CREBBP-F1:KPGMKSRF	107	30
>CREBBP-F1:KPGMKSRFV	79	>CREBBP-F1:KPGMKSRFV	23	56
>CREBBP-F1:EVKPGMKSR'	30737	>CREBBP-F1:EVKPGMKSR'	447	30290
>CREBBP-F1:EVKPGMKSR'	250	>CREBBP-F1:EVKPGMKSR'	3334	3084
>CREBBP-F1:EVKPGMKSR'	24	>CREBBP-F1:EVKPGMKSR'	1355	1331
>CREBBP-F1:EVKPGMKSR'	74	>CREBBP-F1:EVKPGMKSR'	430	356
>CREBBP-F1:EVKPGMKSR'	490	>CREBBP-F1:EVKPGMKSR'	2457	1967
>CREBBP-F1:EVKPGMKSR'	129	>CREBBP-F1:EVKPGMKSR'	11971	11842
>CREBBP-I14 ILIGYLEYV	7	>CREBBP-I14 ILIGYLEYV	7	0
>CREBBP-I14 ILIGYLEYV	2	>CREBBP-I14 ILIGYLEYV	2	0
>CREBBP-I14 ILIGYLEYV	3	>CREBBP-I14 ILIGYLEYV	3	0
>CREBBP-I14 ILIGYLEYV	3	>CREBBP-I14 ILIGYLEYV	4	1
>CREBBP-I14 ILIGYLEYV	1	>CREBBP-I14 ILIGYLEYV	1	0
>CREBBP-I14 ILIGYLEYV	3	>CREBBP-I14 ILIGYLEYV	3	0
>CREBBP-I14 ILIGYLEYV	6	>CREBBP-I14 ILIGYLEYV	7	1
>CREBBP-I14 ILIGYLEYV	2	>CREBBP-I14 ILIGYLEYV	3	1
>CREBBP-I14 ILIGYLEY	327	>CREBBP-I14 ILIGYLEY	1140	813
>CREBBP-I14 ILIGYLEYV	1	>CREBBP-I14 ILIGYLEYV	2	1

>CREBBP-I14 ILIGYLEYVKK	482	>CREBBP-I14 TLIGYLEYVKK	1826	1344
>CREBBP-I14 ILIGYLEYVK	67	>CREBBP-I14 TLIGYLEYVK	110	43
>CREBBP-I14 ILIGYLEYVKK	128	>CREBBP-I14 TLIGYLEYVKK	243	115
>CREBBP-I14 ILIGYLEYVK	44	>CREBBP-I14 TLIGYLEYVK	27	17
>CREBBP-I14 ILIGYLEYVKK	81	>CREBBP-I14 TLIGYLEYVKK	37	44
>CREBBP-I14 ILIGYLEY	3828	>CREBBP-I14 TLIGYLEY	172	3656
>CREBBP-I14 ILIGYLEY	203	>CREBBP-I14 TLIGYLEY	41	162
>CREBBP-I14 ILIGYLEYV	1611	>CREBBP-I14 TLIGYLEYV	279	1332
>CREBBP-I14 ILIGYLEY	7	>CREBBP-I14 TLIGYLEY	8	1
>CREBBP-I14 ILIGYLEY	181	>CREBBP-I14 TLIGYLEY	497	316
>CREBBP-I14 ILIGYLEYVK	366	>CREBBP-I14 TLIGYLEYVK	85	281
>CREBBP-I14 ILIGYLEYVKK	251	>CREBBP-I14 TLIGYLEYVKK	103	148
>CREBBP-I14 ILIGYLEYV	125	>CREBBP-I14 TLIGYLEYV	16	109
>CREBBP-I14 ILIGYLEYV	406	>CREBBP-I14 TLIGYLEYV	24	382
>CREBBP-I14 ILIGYLEY	25	>CREBBP-I14 TLIGYLEY	34	9
>CREBBP-I14 ILIGYLEY	72	>CREBBP-I14 TLIGYLEY	105	33
>CREBBP-I14 ILIGYLEY	285	>CREBBP-I14 TLIGYLEY	224	61
>CREBBP-I14 ILIGYLEY	147	>CREBBP-I14 TLIGYLEY	1047	900
>CREBBP-I14 ILIGYLEY	181	>CREBBP-I14 TLIGYLEY	1480	1299
>CREBBP-I14 EILIGYLEYV	68	>CREBBP-I14 ETLIGYLEYV	145	77
>CREBBP-I14 EILIGYLEYV	124	>CREBBP-I14 ETLIGYLEYV	211	87
>CREBBP-I14 EILIGYLEYV	111	>CREBBP-I14 ETLIGYLEYV	200	89
>CREBBP-I14 EILIGYLEYV	69	>CREBBP-I14 ETLIGYLEYV	67	2
>CREBBP-I14 EILIGYLEYV	11	>CREBBP-I14 ETLIGYLEYV	32	21
>CREBBP-I14 EILIGYLEYV	33	>CREBBP-I14 ETLIGYLEYV	142	109
>CREBBP-I14 EILIGYLEYV	20	>CREBBP-I14 ETLIGYLEYV	164	144
>CREBBP-I14 EILIGYLEYV	23	>CREBBP-I14 ETLIGYLEYV	822	799
>CREBBP-I14 EILIGYLEYVK	533	>CREBBP-I14 ETLIGYLEYVK	201	332
>CREBBP-I14 EILIGYLEY	426	>CREBBP-I14 ETLIGYLEY	68	358
>CREBBP-I14 EILIGYLEY	251	>CREBBP-I14 ETLIGYLEY	33	218
>CREBBP-I14 EILIGYLEY	284	>CREBBP-I14 ETLIGYLEY	55	229
>CREBBP-I14 EILIGYLEYV	1595	>CREBBP-I14 ETLIGYLEYV	387	1208
>CREBBP-I14 EILIGYLEY	1306	>CREBBP-I14 ETLIGYLEY	116	1190
>CREBBP-I14 EILIGYLEY	27	>CREBBP-I14 ETLIGYLEY	17	10
>CREBBP-I14 EILIGYLEYVK	112	>CREBBP-I14 ETLIGYLEYVK	22	90
>CREBBP-I14 EILIGYLEYV	84	>CREBBP-I14 ETLIGYLEYV	20	64
>CREBBP-I14 EILIGYLEYV	4	>CREBBP-I14 ETLIGYLEYV	3	1
>CREBBP-I14 EILIGYLEY	220	>CREBBP-I14 ETLIGYLEY	118	102
>CREBBP-I14 EILIGYLEY	1330	>CREBBP-I14 ETLIGYLEY	5	1325
>CREBBP-I14 EILIGYLEY	342	>CREBBP-I14 ETLIGYLEY	476	134
>CREBBP-I14 EILIGYLEY	8924	>CREBBP-I14 ETLIGYLEY	411	8513
>CREBBP-I14 EILIGYLEYVK	5036	>CREBBP-I14 ETLIGYLEYVK	320	4716
>CREBBP-I14 RCLRTAVYHE	207	>CREBBP-I14 RCLRTAVYHE	3786	3579

>CREBBP-I14 RCLRTAVYHE	184	>CREBBP-I14 RCLRTAVYHE	12011	11827
>CREBBP-I14 HEILIGYL	8	>CREBBP-I14 HETLIGYL	8	0
>CREBBP-I14 HEILIGYLEYV	38	>CREBBP-I14 HETLIGYLEYV	21	17
>CREBBP-I14 HEILIGYLEYV	250	>CREBBP-I14 HETLIGYLEYV	1242	992
>CREBBP-I14 HEILIGYLEY	243	>CREBBP-I14 HETLIGYLEY	423	180
>CREBBP-I14 HEILIGYLEY	416	>CREBBP-I14 HETLIGYLEY	1473	1057
>CREBBP-I14 HEILIGYLEYV	366	>CREBBP-I14 HETLIGYLEYV	1197	831
>CREBBP-I14 HEILIGYLEY	122	>CREBBP-I14 HETLIGYLEY	154	32
>CREBBP-I14 HEILIGYL	231	>CREBBP-I14 HETLIGYL	676	445
>CREBBP-I14 HEILIGYLEY	134	>CREBBP-I14 HETLIGYLEY	171	37
>CREBBP-I14 HEILIGYLEYV	349	>CREBBP-I14 HETLIGYLEYV	1112	763
>CREBBP-I14 HEILIGYL	11	>CREBBP-I14 HETLIGYL	13	2
>CREBBP-I14 HEILIGYLEYV	25	>CREBBP-I14 HETLIGYLEYV	31	6
>CREBBP-I14 HEILIGYL	48	>CREBBP-I14 HETLIGYL	70	22
>CREBBP-I14 HEILIGYLEYV	87	>CREBBP-I14 HETLIGYLEYV	160	73
>CREBBP-I14 HEILIGYLEY	259	>CREBBP-I14 HETLIGYLEY	574	315
>CREBBP-I14 HEILIGYL	196	>CREBBP-I14 HETLIGYL	632	436
>CREBBP-I14 HEILIGYLEY	28	>CREBBP-I14 HETLIGYLEY	101	73
>CREBBP-I14 HEILIGYLEYV	272	>CREBBP-I14 HETLIGYLEYV	882	610
>CREBBP-I14 HEILIGYLEYV	175	>CREBBP-I14 HETLIGYLEYV	263	88
>CREBBP-I14 HEILIGYL	43	>CREBBP-I14 HETLIGYL	130	87
>CREBBP-I14 HEILIGYLEYV	5	>CREBBP-I14 HETLIGYLEYV	13	8
>CREBBP-I14 YHEILIGYLEY	113	>CREBBP-I14 YHETLIGYLEY	96	17
>CREBBP-I14 YHEILIGYLEY	309	>CREBBP-I14 YHETLIGYLEY	272	37
>CREBBP-I14 YHEILIGYL	937	>CREBBP-I14 YHETLIGYL	177	760
>CREBBP-I14 VYHEILIGYL	131	>CREBBP-I14 VYHETLIGYL	91	40
>CREBBP-I14 VYHEILIGYL	405	>CREBBP-I14 VYHETLIGYL	441	36
>CREBBP-I14 VYHEILIGYL	8	>CREBBP-I14 VYHETLIGYL	9	1
>CREBBP-I14 VYHEILIGY	320	>CREBBP-I14 VYHETLIGY	142	178
>CREBBP-I14 VYHEILIGY	73	>CREBBP-I14 VYHETLIGY	158	85
>CREBBP-I14 VYHEILIGY	160	>CREBBP-I14 VYHETLIGY	286	126
>CREBBP-I14 VYHEILIGY	47	>CREBBP-I14 VYHETLIGY	212	165
>CREBBP-I14 VYHEILIGYL	410	>CREBBP-I14 VYHETLIGYL	313	97
>CREBBP-I14 AVYHEILIGYL	231	>CREBBP-I14 AVYHETLIGYI	229	2
>CREBBP-I14 AVYHEILI	414	>CREBBP-I14 AVYHETLI	964	550
>CREBBP-I14 AVYHEILIGYL	330	>CREBBP-I14 AVYHETLIGYI	405	75
>CREBBP-I14 AVYHEILI	605	>CREBBP-I14 AVYHETLI	327	278
>CREBBP-I14 AVYHEILIGYL	147	>CREBBP-I14 AVYHETLIGYI	114	33
>CREBBP-I14 AVYHEILI	161	>CREBBP-I14 AVYHETLI	67	94
>CREBBP-I14 AVYHEILIGYL	51	>CREBBP-I14 AVYHETLIGYI	53	2
>CREBBP-I14 AVYHEILI	116	>CREBBP-I14 AVYHETLI	160	44
>CREBBP-I14 AVYHEILIGYL	64	>CREBBP-I14 AVYHETLIGYI	82	18
>CREBBP-I14 AVYHEILI	275	>CREBBP-I14 AVYHETLI	906	631

>CREBBP-I14 AVYHEILIGYL	41	>CREBBP-I14 AVYHETLIGYI	88	47
>CREBBP-I14 AVYHEILIGYL	341	>CREBBP-I14 AVYHETLIGYI	492	151
>CREBBP-I14 AVYHEILIGYL	166	>CREBBP-I14 AVYHETLIGYI	280	114
>CREBBP-I14 AVYHEILIGY	75	>CREBBP-I14 AVYHETLIGY	66	9
>CREBBP-I14 AVYHEILIGY	175	>CREBBP-I14 AVYHETLIGY	139	36
>CREBBP-I14 AVYHEILIGY	14	>CREBBP-I14 AVYHETLIGY	20	6
>CREBBP-I14 AVYHEILIGYL	295	>CREBBP-I14 AVYHETLIGYI	322	27
>CREBBP-I14 AVYHEILIGY	791	>CREBBP-I14 AVYHETLIGY	301	490
>CREBBP-I14 AVYHEILIGY	199	>CREBBP-I14 AVYHETLIGY	315	116
>CREBBP-I14 AVYHEILIGY	405	>CREBBP-I14 AVYHETLIGY	288	117
>CREBBP-I14 AVYHEILI	350	>CREBBP-I14 AVYHETLI	154	196
>CREBBP-I14 AVYHEILIGY	32	>CREBBP-I14 AVYHETLIGY	27	5
>CREBBP-I14 AVYHEILIGY	181	>CREBBP-I14 AVYHETLIGY	125	56
>CREBBP-I14 AVYHEILIGY	417	>CREBBP-I14 AVYHETLIGY	222	195
>CREBBP-I14 AVYHEILIGY	16	>CREBBP-I14 AVYHETLIGY	12	4
>CREBBP-I14 AVYHEILIGYL	334	>CREBBP-I14 AVYHETLIGYI	451	117
>CREBBP-I14 AVYHEILIGY	297	>CREBBP-I14 AVYHETLIGY	474	177
>CREBBP-I14 AVYHEILI	288	>CREBBP-I14 AVYHETLI	186	102
>CREBBP-I14 TAVYHEILI	361	>CREBBP-I14 TAVYHETLI	390	29
>CREBBP-I14 TAVYHEILIGY	213	>CREBBP-I14 TAVYHETLIGY	275	62
>CREBBP-I14 TAVYHEILIGY	31	>CREBBP-I14 TAVYHETLIGY	36	5
>CREBBP-I14 TAVYHEILIGY	222	>CREBBP-I14 TAVYHETLIGY	345	123
>CREBBP-I14 TAVYHEILIGY	474	>CREBBP-I14 TAVYHETLIGY	683	209
>CREBBP-I14 TAVYHEIL	879	>CREBBP-I14 TAVYHETL	396	483
>CREBBP-I14 TAVYHEILI	457	>CREBBP-I14 TAVYHETLI	347	110
>CREBBP-I14 TAVYHEIL	3571	>CREBBP-I14 TAVYHETL	472	3099
>CREBBP-I14 TAVYHEILIGY	80	>CREBBP-I14 TAVYHETLIGY	46	34
>CREBBP-I14 TAVYHEILIGY	39	>CREBBP-I14 TAVYHETLIGY	50	11
>CREBBP-I14 RTAVYHEI	316	>CREBBP-I14 RTAVYHET	5498	5182
>CREBBP-I14 RTAVYHEIL	577	>CREBBP-I14 RTAVYHETL	327	250
>CREBBP-I14 RTAVYHEI	398	>CREBBP-I14 RTAVYHET	4712	4314
>CREBBP-I14 RTAVYHEI	248	>CREBBP-I14 RTAVYHET	4551	4303
>CREBBP-I14 RTAVYHEILI	215	>CREBBP-I14 RTAVYHETLI	884	669
>CREBBP-I14 RTAVYHEI	92	>CREBBP-I14 RTAVYHET	9169	9077
>CREBBP-I14 RTAVYHEIL	260	>CREBBP-I14 RTAVYHETL	23	237
>CREBBP-I14 RTAVYHEILI	130	>CREBBP-I14 RTAVYHETLI	93	37
>CREBBP-I14 RTAVYHEI	115	>CREBBP-I14 RTAVYHET	3262	3147
>CREBBP-I14 RTAVYHEILI	191	>CREBBP-I14 RTAVYHETLI	413	222
>CREBBP-I14 RTAVYHEI	17	>CREBBP-I14 RTAVYHET	1076	1059
>CREBBP-I14 RTAVYHEIL	9	>CREBBP-I14 RTAVYHETL	4	5
>CREBBP-I14 RTAVYHEILI	30	>CREBBP-I14 RTAVYHETLI	18	12
>CREBBP-I14 RTAVYHEIL	1153	>CREBBP-I14 RTAVYHETL	308	845
>CREBBP-I14 RTAVYHEI	33	>CREBBP-I14 RTAVYHET	6079	6046



>CREBBP-I14 RTAVYHEIL	70	>CREBBP-I14 RTAVYHETL	58	12
>CREBBP-I14 RTAVYHEILI	64	>CREBBP-I14 RTAVYHETLI	52	12
>CREBBP-I14 RTAVYHEIL	31	>CREBBP-I14 RTAVYHETL	42	11
>CREBBP-I14 RTAVYHEILI	71	>CREBBP-I14 RTAVYHETLI	140	69
>CREBBP-I14 RTAVYHEI	334	>CREBBP-I14 RTAVYHET	2098	1764
>CREBBP-I14 RTAVYHEIL	25	>CREBBP-I14 RTAVYHETL	20	5
>CREBBP-I14 RTAVYHEILI	46	>CREBBP-I14 RTAVYHETLI	65	19
>CREBBP-I14 RTAVYHEI	436	>CREBBP-I14 RTAVYHET	2541	2105
>CREBBP-I14 RTAVYHEI	20	>CREBBP-I14 RTAVYHET	22363	22343
>CREBBP-I14 RTAVYHEIL	87	>CREBBP-I14 RTAVYHETL	52	35
>CREBBP-I14 RTAVYHEILI	127	>CREBBP-I14 RTAVYHETLI	77	50
>CREBBP-I14 LRTAVYHEI	415	>CREBBP-I14 LRTAVYHET	21167	20752
>CREBBP-I14 LRTAVYHEI	138	>CREBBP-I14 LRTAVYHET	1679	1541
>CREBBP-I14 LRTAVYHEIL	84	>CREBBP-I14 LRTAVYHETL	117	33
>CREBBP-I14 LRTAVYHEILI	193	>CREBBP-I14 LRTAVYHETLI	203	10
>CREBBP-I14 LRTAVYHEI	290	>CREBBP-I14 LRTAVYHET	9613	9323
>CREBBP-I14 LRTAVYHEIL	207	>CREBBP-I14 LRTAVYHETL	276	69
>CREBBP-I14 LRTAVYHEILI	316	>CREBBP-I14 LRTAVYHETLI	471	155
>CREBBP-I14 CLRTAVYHEI	486	>CREBBP-I14 CLRTAVYHET	3610	3124
>CREBBP-I14 CLRTAVYHEI	356	>CREBBP-I14 CLRTAVYHET	5948	5592
>CREBBP-I14 CLRTAVYHEI	70	>CREBBP-I14 CLRTAVYHET	985	915
>CREBBP-I14 CLRTAVYHEIL	272	>CREBBP-I14 CLRTAVYHET	69	203
>CREBBP-I14 CLRTAVYHEI	186	>CREBBP-I14 CLRTAVYHET	3678	3492
>CREBBP-I14 CLRTAVYHEIL	773	>CREBBP-I14 CLRTAVYHET	455	318
>CREBBP-L13 LEDRVNKF	2528	>CREBBP-L13 SEDRVNKF	410	2118
>CREBBP-L13 LEDRVNKFL	12	>CREBBP-L13 SEDRVNKFL	10	2
>CREBBP-L13 LEDRVNKFL	57	>CREBBP-L13 SEDRVNKFL	105	48
>CREBBP-L13 LEDRVNKF	899	>CREBBP-L13 SEDRVNKF	445	454
>CREBBP-L13 LEDRVNKFL	849	>CREBBP-L13 SEDRVNKFL	358	491
>CREBBP-L13 HLEDRVNKFL	490	>CREBBP-L13 HSEDRVNKFL	15173	14683
>CREBBP-L13 HLEDRVNKFL	413	>CREBBP-L13 HSEDRVNKFL	22347	21934
>CREBBP-L13 HLEDRVNKFL	298	>CREBBP-L13 HSEDRVNKFL	22137	21839
>CREBBP-L13 HLEDRVNKFL	20	>CREBBP-L13 HSEDRVNKFL	23615	23595
>CREBBP-L13 HLEDRVNK	326	>CREBBP-L13 HSEDRVNK	2756	2430
>CREBBP-L13 HLEDRVNK	1620	>CREBBP-L13 HSEDRVNK	220	1400
>CREBBP-L13 HLEDRVNKFL	40	>CREBBP-L13 HSEDRVNKFL	30	10
>CREBBP-L13 HLEDRVNKFL	102	>CREBBP-L13 HSEDRVNKFL	133	31
>CREBBP-L13 HLEDRVNK	891	>CREBBP-L13 HSEDRVNK	303	588
>CREBBP-L13 HLEDRVNKFL	78	>CREBBP-L13 HSEDRVNKFL	32	46
>CREBBP-L13 HLEDRVNKF	4548	>CREBBP-L13 HSEDRVNKF	12	4536
>CREBBP-L13 HLEDRVNKFL	14296	>CREBBP-L13 HSEDRVNKFL	181	14115
>CREBBP-L13 HLEDRVNKF	6538	>CREBBP-L13 HSEDRVNKF	437	6101
>CREBBP-L13 HLEDRVNKFL	82	>CREBBP-L13 HSEDRVNKFL	285	203

>CREBBP-L13:RLQTTRLGNF	383	>CREBBP-L13:RLQTTRLGNF	17854	17471
>CREBBP-L13:RLQTTRLGNF	177	>CREBBP-L13:RLQTTRLGNF	12284	12107
>CREBBP-L13:RLQTTRLGNF	59	>CREBBP-L13:RLQTTRLGNF	14101	14042
>CREBBP-L13:RLQTTRLGNF	139	>CREBBP-L13:RLQTTRLGNF	7413	7274
>CREBBP-L13:NHLED RVNKI	341	>CREBBP-L13:NHSEDRVNKI	636	295
>CREBBP-L13:NHLED RVNKI	114	>CREBBP-L13:NHSEDRVNKI	154	40
>CREBBP-L13:RLGNHLEDRA	95	>CREBBP-L13:RLGNHSEDR\	135	40
>CREBBP-L13:RLGNHLEDRA	5	>CREBBP-L13:RLGNHSEDR\	7	2
>CREBBP-L13:RLGNHLEDRA	15	>CREBBP-L13:RLGNHSEDR\	17	2
>CREBBP-L13:RLGNHLEDRA	16	>CREBBP-L13:RLGNHSEDR\	17	1
>CREBBP-L13:RLGNHLEDRA	61	>CREBBP-L13:RLGNHSEDR\	62	1
>CREBBP-L13:RLGNHLEDRA	5	>CREBBP-L13:RLGNHSEDR\	6	1
>CREBBP-L13:RLGNHLEDR	164	>CREBBP-L13:RLGNHSEDR	366	202
>CREBBP-L13:RLGNHLEDR	708	>CREBBP-L13:RLGNHSEDR	398	310
>CREBBP-L13:TTRLGNHL	87	>CREBBP-L13:TTRLGNHS	422	335
>CREBBP-L13:TTRLGNHLED	207	>CREBBP-L13:TTRLGNHSEC	346	139
>CREBBP-L13:TTRLGNHLED	143	>CREBBP-L13:TTRLGNHSEC	198	55
>CREBBP-L13:TTRLGNHLED	86	>CREBBP-L13:TTRLGNHSEC	86	0
>CREBBP-L13:TTRLGNHL	43	>CREBBP-L13:TTRLGNHS	10830	10787
>CREBBP-L13:TTRLGNHL	152	>CREBBP-L13:TTRLGNHS	3236	3084
>CREBBP-L13:QTTRLGNHL	398	>CREBBP-L13:QTTRLGNHS	7366	6968
>CREBBP-L13:QTTRLGNHL	313	>CREBBP-L13:QTTRLGNHS	11504	11191
>CREBBP-L13:QTTRLGNHL	252	>CREBBP-L13:QTTRLGNHS	6531	6279
>CREBBP-L13:LQTTRLGNHL	387	>CREBBP-L13:LQTTRLGNHS	8021	7634
>CREBBP-N8:INPGIGNV	12134	>CREBBP-N8:ITPGIGNV	306	11828
>CREBBP-N8:INPGIGNV	10570	>CREBBP-N8:ITPGIGNV	175	10395
>CREBBP-N8:INPGIGNV	14697	>CREBBP-N8:ITPGIGNV	325	14372
>CREBBP-N8:INPGIGNV	3196	>CREBBP-N8:ITPGIGNV	22	3174
>CREBBP-N8:INPGIGNVS	13654	>CREBBP-N8:ITPGIGNVS	29	13625
>CREBBP-N8:INPGIGNVSA	19038	>CREBBP-N8:ITPGIGNVSA	95	18943
>CREBBP-N8:INPGIGNVSA	19226	>CREBBP-N8:ITPGIGNVSA	74	19152
>CREBBP-N8:LLRGGSGSSIT	12663	>CREBBP-N8:LLRGGSGSSIT	251	12412
>CREBBP-N8:LLRGGSGSSIT	7401	>CREBBP-N8:LLRGGSGSSIT	83	7318
>CREBBP-N8:SINPGIGNV	212	>CREBBP-N8:SITPGIGNV	591	379
>CREBBP-N8:SINPGIGNV	4	>CREBBP-N8:SITPGIGNV	12	8
>CREBBP-N8:SINPGIGNVS/	64	>CREBBP-N8:SITPGIGNVSA/	404	340
>CREBBP-N8:SINPGIGNV	100	>CREBBP-N8:SITPGIGNV	69	31
>CREBBP-N8:SINPGIGNVS/	397	>CREBBP-N8:SITPGIGNVSA/	216	181
>CREBBP-N8:SINPGIGNV	15	>CREBBP-N8:SITPGIGNV	39	24
>CREBBP-N8:SINPGIGNV	30	>CREBBP-N8:SITPGIGNV	32	2
>CREBBP-N8:SINPGIGNV	5	>CREBBP-N8:SITPGIGNV	3	2
>CREBBP-N8:SINPGIGNVS/	117	>CREBBP-N8:SITPGIGNVSA/	70	47
>CREBBP-N8:SINPGIGNV	51	>CREBBP-N8:SITPGIGNV	50	1

>CREBBP-N8: SINPGIGNV	139	>CREBBP-N8: SITPGIGNV	340	201
>CREBBP-N8: SSINPGIGNV	276	>CREBBP-N8: SSITPGIGNV	312	36
>CREBBP-N8: SSINPGIGNV	93	>CREBBP-N8: SSITPGIGNV	104	11
>CREBBP-N8: SSINPGIGNV	206	>CREBBP-N8: SSITPGIGNV	280	74
>CREBBP-N8: SSINPGIGNV	420	>CREBBP-N8: SSITPGIGNV	444	24
>CREBBP-N8: GSSINPGI	466	>CREBBP-N8: GSSITPGI	292	174
>CREBBP-N8: GSSINPGI	221	>CREBBP-N8: GSSITPGI	94	127
>CREBBP-N8: SGSSINPGI	639	>CREBBP-N8: SGSSITPGI	356	283
>CREBBP-N8: GSGSSINPGI	298	>CREBBP-N8: GSGSSITPGI	405	107
>CREBBP-P9: QPPSVATPQ	1468	>CREBBP-P9: QPSSVATPQ	160	1308
>CREBBP-P9: VQPPSVAT	419	>CREBBP-P9: VQPSSVAT	1026	607
>CREBBP-P9: TPVQPPSV	233	>CREBBP-P9: TPVQPSSV	477	244
>CREBBP-P9: TPVQPPSV	610	>CREBBP-P9: TPVQPSSV	123	487
>CREBBP-P9: TPVQPPSVA	467	>CREBBP-P9: TPVQPSSVA	98	369
>CREBBP-P9: TPVQPPSVA	646	>CREBBP-P9: TPVQPSSVA	223	423
>CREBBP-P9: TPVQPPSV	483	>CREBBP-P9: TPVQPSSV	1008	525
>CREBBP-P9: TPVQPPSVA	104	>CREBBP-P9: TPVQPSSVA	81	23
>CREBBP-P9: QTPVQPPSV	498	>CREBBP-P9: QTPVQPSSV	63	435
>CREBBP-P9: QTPVQPPSV	298	>CREBBP-P9: QTPVQPSSV	1833	1535
>CREBBP-P9: QTPVQPPSV	277	>CREBBP-P9: QTPVQPSSV	578	301
>CRLF2-F232 FILISSLA	162	>CRLF2-F232 CILISSLA	6822	6660
>CRLF2-F232 FILISSLAI	79	>CRLF2-F232 CILISSLAI	3749	3670
>CRLF2-F232 FILISSLAIL	92	>CRLF2-F232 CILISSLAIL	1936	1844
>CRLF2-F232 FILISSLAILL	48	>CRLF2-F232 CILISSLAILL	2020	1972
>CRLF2-F232 FILISSLA	149	>CRLF2-F232 CILISSLA	4096	3947
>CRLF2-F232 FILISSLAI	362	>CRLF2-F232 CILISSLAI	5286	4924
>CRLF2-F232 FILISSLAIL	81	>CRLF2-F232 CILISSLAIL	668	587
>CRLF2-F232 FILISSLAILL	97	>CRLF2-F232 CILISSLAILL	2149	2052
>CRLF2-F232 FILISSLA	80	>CRLF2-F232 CILISSLA	1661	1581
>CRLF2-F232 FILISSLAI	147	>CRLF2-F232 CILISSLAI	2086	1939
>CRLF2-F232 FILISSLAIL	57	>CRLF2-F232 CILISSLAIL	492	435
>CRLF2-F232 FILISSLA	34	>CRLF2-F232 CILISSLA	2814	2780
>CRLF2-F232 FILISSLAI	18	>CRLF2-F232 CILISSLAI	730	712
>CRLF2-F232 FILISSLAIL	49	>CRLF2-F232 CILISSLAIL	467	418
>CRLF2-F232 FILISSLAILL	19	>CRLF2-F232 CILISSLAILL	1181	1162
>CRLF2-F232 FILISSLA	104	>CRLF2-F232 CILISSLA	4545	4441
>CRLF2-F232 FILISSLAI	23	>CRLF2-F232 CILISSLAI	1194	1171
>CRLF2-F232 FILISSLAIL	52	>CRLF2-F232 CILISSLAIL	2805	2753
>CRLF2-F232 FILISSLAILL	31	>CRLF2-F232 CILISSLAILL	1555	1524
>CRLF2-F232 FILISSLAI	139	>CRLF2-F232 CILISSLAI	5439	5300
>CRLF2-F232 FILISSLAIL	76	>CRLF2-F232 CILISSLAIL	3251	3175
>CRLF2-F232 FILISSLAILL	300	>CRLF2-F232 CILISSLAILL	7233	6933
>CRLF2-F232 FILISSLA	114	>CRLF2-F232 CILISSLA	9274	9160

>CRLF2-F232 FILISSLAI	72	>CRLF2-F232 CILISSLAI	6762	6690
>CRLF2-F232 FILISSLAIL	70	>CRLF2-F232 CILISSLAIL	5618	5548
>CRLF2-F232 FILISSLAILL	31	>CRLF2-F232 CILISSLAILL	3648	3617
>CRLF2-F232 FILISSLAIL	162	>CRLF2-F232 CILISSLAIL	3165	3003
>CRLF2-F232 FILISSLAILL	451	>CRLF2-F232 CILISSLAILL	4610	4159
>CRLF2-F232 FILISSLA	66	>CRLF2-F232 CILISSLA	7276	7210
>CRLF2-F232 FILISSLAI	148	>CRLF2-F232 CILISSLAI	10002	9854
>CRLF2-F232 FILISSLAIL	20	>CRLF2-F232 CILISSLAIL	1981	1961
>CRLF2-F232 FILISSLAILL	22	>CRLF2-F232 CILISSLAILL	2593	2571
>CRLF2-F232 FILISSLAI	51	>CRLF2-F232 CILISSLAI	2278	2227
>CRLF2-F232 FILISSLAIL	298	>CRLF2-F232 CILISSLAIL	7044	6746
>CRLF2-F232 FILISSLAILL	82	>CRLF2-F232 CILISSLAILL	3498	3416
>CRLF2-F232 FILISSLAI	496	>CRLF2-F232 CILISSLAI	3693	3197
>CRLF2-F232 FILISSLAI	300	>CRLF2-F232 CILISSLAI	1838	1538
>CRLF2-F232 FILISSLAIL	284	>CRLF2-F232 CILISSLAIL	5772	5488
>CRLF2-F232 FILISSLAILL	206	>CRLF2-F232 CILISSLAILL	4420	4214
>CRLF2-F232 FILISSLAI	2335	>CRLF2-F232 CILISSLAI	448	1887
>CRLF2-F232 KFILISSL	18	>CRLF2-F232 KCILISSL	3359	3341
>CRLF2-F232 KFILISSLAI	140	>CRLF2-F232 KCILISSLAI	8288	8148
>CRLF2-F232 KFILISSL	410	>CRLF2-F232 KCILISSL	975	565
>CRLF2-F232 KFILISSLAIL	272	>CRLF2-F232 KCILISSLAIL	16777	16505
>CRLF2-F232 KFILISSL	192	>CRLF2-F232 KCILISSL	18535	18343
>CRLF2-F232 KFILISSLAI	340	>CRLF2-F232 KCILISSLAI	19506	19166
>CRLF2-F232 KFILISSLAI	356	>CRLF2-F232 KCILISSLAI	1421	1065
>CRLF2-F232 KFILISSL	944	>CRLF2-F232 KCILISSL	463	481
>CRLF2-F232 KFILISSLAI	168	>CRLF2-F232 KCILISSLAI	82	86
>CRLF2-F232 KFILISSLAIL	2127	>CRLF2-F232 KCILISSLAIL	338	1789
>CRLF2-F232 KFILISSL	156	>CRLF2-F232 KCILISSL	23063	22907
>CRLF2-F232 KFILISSLAIL	431	>CRLF2-F232 KCILISSLAIL	27080	26649
>CRLF2-F232 PTPPKPKLSKF	58	>CRLF2-F232 PTPPKPKLSK	1412	1354
>CRLF2-F232 SKFILISSL	341	>CRLF2-F232 SKCILISSL	267	74
>CRLF2-F232 SKFILISSLAI	281	>CRLF2-F232 SKCILISSLAI	1447	1166
>CRLF2-F232 SKFILISSL	10	>CRLF2-F232 SKCILISSL	183	173
>CRLF2-F232 SKFILISSLA	403	>CRLF2-F232 SKCILISSLA	4659	4256
>CRLF2-F232 SKFILISSLAI	12	>CRLF2-F232 SKCILISSLAI	172	160
>CRLF2-F232 SKFILISSL	235	>CRLF2-F232 SKCILISSL	965	730
>CRLF2-F232 SKFILISSL	273	>CRLF2-F232 SKCILISSL	2880	2607
>CRLF2-F232 SKFILISSL	366	>CRLF2-F232 SKCILISSL	722	356
>CRLF2-F232 SKFILISSLAI	322	>CRLF2-F232 SKCILISSLAI	869	547
>CRLF2-F232 LSKFILISS	392	>CRLF2-F232 LSKCILISS	606	214
>CRLF2-F232 LSKFILISSL	237	>CRLF2-F232 LSKCILISSL	338	101
>CRLF2-F232 LSKFILISSLA	51	>CRLF2-F232 LSKCILISSLA	71	20
>CRLF2-F232 LSKFILISSL	662	>CRLF2-F232 LSKCILISSL	434	228

>CRLF2-F232 LSKFILISL	654	>CRLF2-F232 LSKCILISL	213	441
>CRLF2-F232 LSKFILISL	34	>CRLF2-F232 LSKCILISL	55	21
>CRLF2-F232 LSKFILISL	148	>CRLF2-F232 LSKCILISL	809	661
>CRLF2-F232 LSKFILISLA	120	>CRLF2-F232 LSKCILISLA	121	1
>CRLF2-F232 LSKFILISL	267	>CRLF2-F232 LSKCILISL	184	83
>CRLF2-F232 KLSKFILI	25	>CRLF2-F232 KLSKCILI	24	1
>CRLF2-F232 KLSKFILISL	27	>CRLF2-F232 KLSKCILISL	26	1
>CRLF2-F232 KLSKFILI	9	>CRLF2-F232 KLSKCILI	13	4
>CRLF2-F232 KLSKFILISS	354	>CRLF2-F232 KLSKCILISS	493	139
>CRLF2-F232 KLSKFILISL	6	>CRLF2-F232 KLSKCILISL	6	0
>CRLF2-F232 KLSKFILI	20	>CRLF2-F232 KLSKCILI	26	6
>CRLF2-F232 KLSKFILISS	480	>CRLF2-F232 KLSKCILISS	935	455
>CRLF2-F232 KLSKFILISL	10	>CRLF2-F232 KLSKCILISL	10	0
>CRLF2-F232 KLSKFILI	81	>CRLF2-F232 KLSKCILI	171	90
>CRLF2-F232 KLSKFILISL	129	>CRLF2-F232 KLSKCILISL	105	24
>CRLF2-F232 KLSKFILI	22	>CRLF2-F232 KLSKCILI	128	106
>CRLF2-F232 KLSKFILISL	11	>CRLF2-F232 KLSKCILISL	36	25
>CRLF2-F232 KLSKFILI	70	>CRLF2-F232 KLSKCILI	127	57
>CRLF2-F232 KLSKFILISL	32	>CRLF2-F232 KLSKCILISL	26	6
>CRLF2-F232 KLSKFILI	47	>CRLF2-F232 KLSKCILI	105	58
>CRLF2-F232 KLSKFILISL	26	>CRLF2-F232 KLSKCILISL	42	16
>CRLF2-F232 KLSKFILISL	157	>CRLF2-F232 KLSKCILISL	124	33
>CRLF2-F232 KLSKFILI	36	>CRLF2-F232 KLSKCILI	60	24
>CRLF2-F232 KLSKFILISL	5	>CRLF2-F232 KLSKCILISL	6	1
>CRLF2-F232 KLSKFILI	126	>CRLF2-F232 KLSKCILI	547	421
>CRLF2-F232 KLSKFILISL	122	>CRLF2-F232 KLSKCILISL	573	451
>CRLF2-F232 KLSKFILISL	171	>CRLF2-F232 KLSKCILISL	246	75
>CRLF2-F232 KPKLSKFI	151	>CRLF2-F232 KPKLSKCI	220	69
>CRLF2-F232 KPKLSKFIL	45	>CRLF2-F232 KPKLSKCIL	60	15
>CRLF2-F232 KPKLSKFILI	371	>CRLF2-F232 KPKLSKCILI	129	242
>CRLF2-F232 KPKLSKFIL	1605	>CRLF2-F232 KPKLSKCIL	297	1308
>CRLF2-F232 PKPKLSKFI	181	>CRLF2-F232 PKPKLSKCI	1322	1141
>CRLF2-F232 PKPKLSKF	329	>CRLF2-F232 PKPKLSKC	22436	22107
>CRLF2-F232 PPKPKLSKFIL	1221	>CRLF2-F232 PPKPKLSKCIL	484	737
>CRLF2-F232 TPPPKLSKF	414	>CRLF2-F232 TPPPKLSKC	15184	14770
>CRLF2-F232 TPPPKLSKFI	309	>CRLF2-F232 TPPPKLSKCI	363	54
>CRLF2-F232 TPPPKLSKF	202	>CRLF2-F232 TPPPKLSKC	32029	31827
>CRLF2-F232 TPPPKLSKFI	82	>CRLF2-F232 TPPPKLSKCI	4417	4335
>CRLF2-F232 TPPPKLSKF	145	>CRLF2-F232 TPPPKLSKC	2338	2193
>CRTC3-N15{NRTNSDSAL	427	>CRTC3-N15{KRTNSDSAL	52	375
>CRTC3-N15{NRTNSDSAL	108	>CRTC3-N15{KRTNSDSAL	1511	1403
>CRTC3-N15{NRTNSDSAL	3004	>CRTC3-N15{KRTNSDSAL	173	2831
>CRTC3-N15{NRTNSDSAL	816	>CRTC3-N15{KRTNSDSAL	222	594

>CRTC3-N15\LNRTNSDSA	10021	>CRTC3-N15\LKRTNSDSA	174	9847
>CRTC3-N15\LNRTNSDSAL	449	>CRTC3-N15\LKRTNSDSAL	6	443
>CRTC3-N15\LNRTNSDSAL	9663	>CRTC3-N15\LKRTNSDSAL	283	9380
>CRTC3-N15\ALNRTNSDSA	37	>CRTC3-N15\ALKRTNSDSA	250	213
>CRTC3-N15\ALNRTNSDSA	375	>CRTC3-N15\ALKRTNSDSA	313	62
>CRTC3-N15\ALNRTNSDSA	42	>CRTC3-N15\ALKRTNSDSA	72	30
>CRTC3-N15\ALNRTNSDSA	190	>CRTC3-N15\ALKRTNSDSA	3716	3526
>CRTC3-N15\ALNRTNSDSA	74	>CRTC3-N15\ALKRTNSDSA	1465	1391
>CRTC3-N15\ALNRTNSDSA	272	>CRTC3-N15\ALKRTNSDSA	2360	2088
>CRTC3-N15\ALNRTNSDSA	54	>CRTC3-N15\ALKRTNSDSA	606	552
>CRTC3-N15\ALNRTNSDSA	417	>CRTC3-N15\ALKRTNSDSA	8842	8425
>CRTC3-N15\ALNRTNSDSA	222	>CRTC3-N15\ALKRTNSDSA	7127	6905
>CRTC3-N15\ALNRTNSDSA	28	>CRTC3-N15\ALKRTNSDSA	99	71
>CRTC3-N15\ALNRTNSDSA	8	>CRTC3-N15\ALKRTNSDSA	22	14
>CRTC3-N15\ALNRTNSDSA	2638	>CRTC3-N15\ALKRTNSDSA	147	2491
>CRTC3-N15\ALNRTNSDSA	4700	>CRTC3-N15\ALKRTNSDSA	377	4323
>CRTC3-N15\ALNRTNSDSA	5063	>CRTC3-N15\ALKRTNSDSA	220	4843
>CRTC3-N15\ALNRTNSDSA	442	>CRTC3-N15\ALKRTNSDSA	243	199
>CRTC3-N15\ALNRTNSDSA	173	>CRTC3-N15\ALKRTNSDSA	111	62
>CRTC3-N15\RLTSALNRT	376	>CRTC3-N15\RLTSALKRT	5908	5532
>CRTC3-N15\RLTSALNRT	298	>CRTC3-N15\RLTSALKRT	1244	946
>CRTC3-N15\RLTSALNRT	184	>CRTC3-N15\RLTSALKRT	534	350
>CRTC3-N15\RLTSALNR	221	>CRTC3-N15\RLTSALKR	306	85
>CRTC3-N15\RLTSALNR	41	>CRTC3-N15\RLTSALKR	69	28
>CRTC3-N15\RLTSALNR	89	>CRTC3-N15\RLTSALKR	102	13
>CRTC3-N15\FRLTSALNR	259	>CRTC3-N15\FRLTSALKR	563	304
>CRTC3-N15\FRLTSALN	1281	>CRTC3-N15\FRLTSALK	36	1245
>CRTC3-N15\FRLTSALNR	45	>CRTC3-N15\FRLTSALKR	35	10
>CRTC3-N15\FRLTSALNR	217	>CRTC3-N15\FRLTSALKR	287	70
>CRTC3-N15\GFRLTSALN	890	>CRTC3-N15\GFRLTSALK	4	886
>CRTC3-N15\GFRLTSALNR	154	>CRTC3-N15\GFRLTSALKR	339	185
>CRTC3-N15\GFRLTSALN	15873	>CRTC3-N15\GFRLTSALK	336	15537
>CRTC3-N15\GFRLTSALNR	60	>CRTC3-N15\GFRLTSALKR	85	25
>CRTC3-N15\GFRLTSALNR	485	>CRTC3-N15\GFRLTSALKR	473	12
>CRTC3-N15\GFRLTSALNR	308	>CRTC3-N15\GFRLTSALKR	475	167
>CRTC3-N15\GFRLTSALNR	468	>CRTC3-N15\GFRLTSALKR	615	147
>CRTC3-N15\PGFRLTSALN	202	>CRTC3-N15\PGFRLTSALK	253	51
>CSF1R-G41\EVSVIWTFIN	912	>CSF1R-G41\EVSVIWTFIN	129	783
>CSF1R-G41\FINGSGTLL	387	>CSF1R-G41\FINSSGTLL	277	110
>CSF1R-G41\FINGSGTL	18	>CSF1R-G41\FINSSGTLL	16	2
>CSF1R-G41\FINGSGTLL	5	>CSF1R-G41\FINSSGTLL	4	1
>CSF1R-G41\FINGSGTLLCA	68	>CSF1R-G41\FINSSGTLLCA	74	6
>CSF1R-G41\FINGSGTL	11	>CSF1R-G41\FINSSGTLL	9	2

>CSF1R-G41E FINGSGTLL	8	>CSF1R-G41E FINSSGTLL	7	1
>CSF1R-G41E FINGSGTLLCA/	33	>CSF1R-G41E FINSSGTLLCA	25	8
>CSF1R-G41E FINGSGTL	157	>CSF1R-G41E FINSSGTLL	221	64
>CSF1R-G41E FINGSGTLL	81	>CSF1R-G41E FINSSGTLL	87	6
>CSF1R-G41E FINGSGTLLCA/	189	>CSF1R-G41E FINSSGTLLCA	207	18
>CSF1R-G41E FINGSGTL	38	>CSF1R-G41E FINSSGTLL	71	33
>CSF1R-G41E FINGSGTLL	103	>CSF1R-G41E FINSSGTLL	195	92
>CSF1R-G41E FINGSGTLLCA/	352	>CSF1R-G41E FINSSGTLLCA	591	239
>CSF1R-G41E FINGSGTL	272	>CSF1R-G41E FINSSGTLL	516	244
>CSF1R-G41E FINGSGTLL	280	>CSF1R-G41E FINSSGTLL	525	245
>CSF1R-G41E FINGSGTLLCA/	342	>CSF1R-G41E FINSSGTLLCA	491	149
>CSF1R-G41E FINGSGTL	9	>CSF1R-G41E FINSSGTLL	25	16
>CSF1R-G41E FINGSGTLL	6	>CSF1R-G41E FINSSGTLL	18	12
>CSF1R-G41E FINGSGTLLC	118	>CSF1R-G41E FINSSGTLLC	504	386
>CSF1R-G41E FINGSGTLLCA/	46	>CSF1R-G41E FINSSGTLLCA	178	132
>CSF1R-G41E FINGSGTLL	2157	>CSF1R-G41E FINSSGTLL	220	1937
>CSF1R-G41E FINGSGTLL	589	>CSF1R-G41E FINSSGTLL	240	349
>CSF1R-G41E TFINGSGTL	45	>CSF1R-G41E TFINSSGTLL	22	23
>CSF1R-G41E TFINGSGTLL	454	>CSF1R-G41E TFINSSGTLL	281	173
>CSF1R-G41E TFINGSGTL	515	>CSF1R-G41E TFINSSGTLL	359	156
>CSF1R-G41E TFINGSGTL	160	>CSF1R-G41E TFINSSGTLL	283	123
>CSF1R-G41E WTFINGSGTL	580	>CSF1R-G41E WTFINSSGTLL	425	155
>CSF1R-G41E WTFINGSGTL	410	>CSF1R-G41E WTFINSSGTLL	207	203
>CSF1R-G41E WTFINGSGTL	165	>CSF1R-G41E WTFINSSGTLL	163	2
>CSF1R-G41E WTFINGSGTL	565	>CSF1R-G41E WTFINSSGTLL	387	178
>CSF1R-G41E WTFINGSGTL	211	>CSF1R-G41E WTFINSSGTLL	237	26
>CSF1R-G41E WTFINGSGTL	494	>CSF1R-G41E WTFINSSGTLL	518	24
>CSF1R-G41E WTFINGSGT	1808	>CSF1R-G41E WTFINSSGT	261	1547
>CSF1R-G41E WTFINGSGTL	262	>CSF1R-G41E WTFINSSGTLL	79	183
>CSF1R-G41E WTFINGSGTL	67	>CSF1R-G41E WTFINSSGTLL	34	33
>CSF1R-G41E WTFINGSGTL	251	>CSF1R-G41E WTFINSSGTLL	137	114
>CSF1R-G41E WTFINGSGTL	522	>CSF1R-G41E WTFINSSGTLL	241	281
>CSF1R-G41E WTFINGSGTL	277	>CSF1R-G41E WTFINSSGTLL	230	47
>CSF1R-G41E WTFINGSGT	129	>CSF1R-G41E WTFINSSGT	87	42
>CSF1R-G41E WTFINGSGTL	5	>CSF1R-G41E WTFINSSGTLL	4	1
>CSF1R-G41E WTFINGSGTL	7	>CSF1R-G41E WTFINSSGTLL	6	1
>CSF1R-G41E WTFINGSGTL	302	>CSF1R-G41E WTFINSSGTLL	219	83
>CSF1R-G41E WTFINGSGT	135	>CSF1R-G41E WTFINSSGT	173	38
>CSF1R-G41E WTFINGSGTL	17	>CSF1R-G41E WTFINSSGTLL	17	0
>CSF1R-G41E WTFINGSGTL	6	>CSF1R-G41E WTFINSSGTLL	6	0
>CSF1R-G41E WTFINGSGTL	153	>CSF1R-G41E WTFINSSGTLL	116	37
>CSF1R-G41E IWTFINGS	465	>CSF1R-G41E IWTFINSS	295	170
>CSF1R-G41E IWTFINGSG	297	>CSF1R-G41E IWTFINSSG	329	32

>CSF1R-G41E IWTFINGSGT	150	>CSF1R-G41E IWTFINSSGTI	140	10
>CSF1R-G41E VIWTFING	199	>CSF1R-G41E VIWTFINS	87	112
>CSF1R-G41E VIWTFINGSG	312	>CSF1R-G41E VIWTFINSSG	309	3
>CSF1R-H50E HTHPPDEFLF	421	>CSF1R-H50E QTHPPDEFLF	952	531
>CSF1R-H50E HTHPPDEF	154	>CSF1R-H50E QTHPPDEF	144	10
>CSF1R-H50E HTHPPDEFL	232	>CSF1R-H50E QTHPPDEFL	236	4
>CSF1R-H50E HTHPPDEFL	416	>CSF1R-H50E QTHPPDEFL	3762	3346
>CSF1R-H50E HTHPPDEFLF	203	>CSF1R-H50E QTHPPDEFLF	1657	1454
>CSF1R-H50E HTHPPDEFL	8	>CSF1R-H50E QTHPPDEFL	11	3
>CSF1R-H50E HTHPPDEFLF	258	>CSF1R-H50E QTHPPDEFLF	534	276
>CSF1R-H50E HTHPPDEF	324	>CSF1R-H50E QTHPPDEF	441	117
>CSF1R-H50E HTHPPDEF	5	>CSF1R-H50E QTHPPDEF	7	2
>CSF1R-H50E HTHPPDEFL	22	>CSF1R-H50E QTHPPDEFL	46	24
>CSF1R-H50E HTHPPDEFLF	4	>CSF1R-H50E QTHPPDEFLF	6	2
>CSF1R-H50E HTHPPDEF	429	>CSF1R-H50E QTHPPDEF	3200	2771
>CSF1R-H50E HTHPPDEFLF	93	>CSF1R-H50E QTHPPDEFLF	685	592
>CSF1R-H50E HTHPPDEFLF	103	>CSF1R-H50E QTHPPDEFLF	344	241
>CSF1R-H50E HTHPPDEFL	657	>CSF1R-H50E QTHPPDEFL	358	299
>CSF1R-H50E HTHPPDEFLF	228	>CSF1R-H50E QTHPPDEFLF	116	112
>CSF1R-H50E HTHPPDEFL	73	>CSF1R-H50E QTHPPDEFL	126	53
>CSF1R-H50E AHTHPPDEF	67	>CSF1R-H50E AQTHPPDEF	8	59
>CSF1R-H50E AHTHPPDEFL	3848	>CSF1R-H50E AQTHPPDEFL	294	3554
>CSF1R-H50E AHTHPPDEFL	209	>CSF1R-H50E AQTHPPDEFL	16	193
>CSF1R-H50E WAFIPISAGA	159	>CSF1R-H50E WAFIPISAGA	1095	936
>CSF1R-H50E WAFIPISAGA	338	>CSF1R-H50E WAFIPISAGA	1581	1243
>CSF1R-H50E GAHTHPPDEI	382	>CSF1R-H50E GAQTHPPDEI	1378	996
>CSF1R-H50E GAHTHPPDEI	473	>CSF1R-H50E GAQTHPPDEI	1512	1039
>CSF1R-H50E AGAHTHPPD	235	>CSF1R-H50E AGAQTHPPD	588	353
>CSF1R-H50E ISAGAHTH	160	>CSF1R-H50E ISAGAQTH	219	59
>CSF1R-H50E IPISAGAH	9380	>CSF1R-H50E IPISAGAQ	464	8916
>CSF1R-H50E IPISAGAHT	195	>CSF1R-H50E IPISAGAQT	141	54
>CSF1R-H50E IPISAGAHT	984	>CSF1R-H50E IPISAGAQT	475	509
>CSF1R-H50E IPISAGAH	37	>CSF1R-H50E IPISAGAQ	228	191
>CSF1R-H50E IPISAGAHT	143	>CSF1R-H50E IPISAGAQT	52	91
>CSF1R-H50E FIPISAGAHT	396	>CSF1R-H50E FIPISAGAQT	420	24
>CSF1R-L301 LNLSSSEQNL	303	>CSF1R-L301 FNLSSSEQNL	155	148
>CSF1R-L301 YLNLSSSEQNL	337	>CSF1R-L301 YFNLSSSEQNL	20652	20315
>CSF1R-L301 YLNLSSSEQNLI	78	>CSF1R-L301 YFNLSSSEQNL	16594	16516
>CSF1R-L301 YLNLSSSEQ	202	>CSF1R-L301 YFNLSSSEQ	11662	11460
>CSF1R-L301 YLNLSSSEQNL	35	>CSF1R-L301 YFNLSSSEQNL	6274	6239
>CSF1R-L301 YLNLSSSEQNLI	5	>CSF1R-L301 YFNLSSSEQNL	401	396
>CSF1R-L301 YLNLSSSEQNL	162	>CSF1R-L301 YFNLSSSEQNL	16580	16418
>CSF1R-L301 YLNLSSSEQNLI	8	>CSF1R-L301 YFNLSSSEQNL	8273	8265



>CSF1R-L301 YLNLSSSEQNL	17	>CSF1R-L301 YFNLSSEQNL	8700	8683
>CSF1R-L301 YLNLSSSEQNLI	24	>CSF1R-L301 YFNLSSEQNL	11346	11322
>CSF1R-L301 YLNLSSSEQNL	17	>CSF1R-L301 YFNLSSEQNL	14392	14375
>CSF1R-L301 YLNLSSSEQNLI	19	>CSF1R-L301 YFNLSSEQNL	15351	15332
>CSF1R-L301 YLNLSSSEQNL	18	>CSF1R-L301 YFNLSSEQNL	10929	10911
>CSF1R-L301 YLNLSSSEQNLI	43	>CSF1R-L301 YFNLSSEQNL	14615	14572
>CSF1R-L301 YLNLSSSEQNL	15	>CSF1R-L301 YFNLSSEQNL	7160	7145
>CSF1R-L301 YLNLSSSEQNLI	32	>CSF1R-L301 YFNLSSEQNL	12070	12038
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>CSF1R-L301 YLNLSSSEQNL	3	>CSF1R-L301 YFNLSSEQNL	6034	6031
>CSF1R-L301 YLNLSSSEQNLI	10	>CSF1R-L301 YFNLSSEQNL	17417	17407
>CSF1R-L301 YLNLSSSEQNL	17689	>CSF1R-L301 YFNLSSEQNL	399	17290
>CSF1R-L301 YLNLSSSEQNLI	16822	>CSF1R-L301 YFNLSSEQNL	408	16414
>CSF1R-L301 YLNLSSSEQNL	274	>CSF1R-L301 YFNLSSEQNL	3969	3695
>CSF1R-L301 MFFRVVESA\	18	>CSF1R-L301 MFFRVVESA\	1232	1214
>CSF1R-L301 MFFRVVESA\	120	>CSF1R-L301 MFFRVVESA\	4887	4767
>CSF1R-L301 MFFRVVESA\	136	>CSF1R-L301 MFFRVVESA\	21	115
>CSF1R-L301 MFFRVVESA\	1738	>CSF1R-L301 MFFRVVESA\	311	1427
>CSF1R-L301 MFFRVVESA\	13	>CSF1R-L301 MFFRVVESA\	5	8
>CSF1R-L301 MFFRVVESA\	4897	>CSF1R-L301 MFFRVVESA\	115	4782
>CSF1R-L301 MFFRVVESA\	477	>CSF1R-L301 MFFRVVESA\	3569	3092
>CSF1R-L301 MFFRVVESA\	329	>CSF1R-L301 MFFRVVESA\	10836	10507
>CSF1R-L301 MFFRVVESA\	5081	>CSF1R-L301 MFFRVVESA\	195	4886
>CSF1R-L301 MFFRVVESA\	1473	>CSF1R-L301 MFFRVVESA\	65	1408
>CSF1R-L301 MFFRVVESA\	1953	>CSF1R-L301 MFFRVVESA\	158	1795
>CSF1R-L301 MFFRVVESA\	1683	>CSF1R-L301 MFFRVVESA\	258	1425
>CSF1R-L301 MFFRVVESA\	84	>CSF1R-L301 MFFRVVESA\	299	215
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>CSF1R-L301 AYLNLSSSEQN	17	>CSF1R-L301 AYFNLSSEQN	21	4
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>CSF1R-L301 AYLNLSSSEQ	450	>CSF1R-L301 AYFNLSSEQ	681	231
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>CSF1R-L301 AYLNLSSSEQN	1605	>CSF1R-L301 AYFNLSSEQN	376	1229
>CSF1R-L301 ESAYLNLSSSEC	176	>CSF1R-L301 ESAYFNLSSEC	96	80
>CSF1R-L301 ESAYLNLSS	231	>CSF1R-L301 ESAYFNLS	108	123
>CSF1R-L301 ESAYLNLSS	582	>CSF1R-L301 ESAYFNLS	380	202
>CSF1R-L301 VESAYLNL	508	>CSF1R-L301 VESAYFNL	473	35
>CSF1R-L301 VESAYLNL	25	>CSF1R-L301 VESAYFNL	13	12
>CSF1R-L301 VESAYLNL	85	>CSF1R-L301 VESAYFNL	61	24
>CSF1R-L301 VESAYLNLSS	2007	>CSF1R-L301 VESAYFNLS	389	1618
>CSF1R-L301 VVESAYLNL	946	>CSF1R-L301 VVESAYFNL	135	811
>CSF1R-L301 RVVESAYL	361	>CSF1R-L301 RVVESAYF	15675	15314
>CSF1R-L301 RVVESAYL	62	>CSF1R-L301 RVVESAYF	5226	5164

>CSF1R-L301 RVVESAYLNL	363	>CSF1R-L301 RVVESAYFNL	241	122
>CSF1R-L301 RVVESAYL	184	>CSF1R-L301 RVVESAYF	8851	8667
>CSF1R-L301 RVVESAYL	14	>CSF1R-L301 RVVESAYF	83	69
>CSF1R-L301 RVVESAYLNL	226	>CSF1R-L301 RVVESAYFNL	165	61
>CSF1R-L301 RVVESAYLNL	504	>CSF1R-L301 RVVESAYFNL	274	230
>CSF1R-L301 RVVESAYL	80	>CSF1R-L301 RVVESAYF	5965	5885
>CSF1R-L301 RVVESAYLNL	1001	>CSF1R-L301 RVVESAYFNL	247	754
>CSF1R-L301 RVVESAYL	202	>CSF1R-L301 RVVESAYF	13469	13267
>CSF1R-L301 RVVESAYLNL	1816	>CSF1R-L301 RVVESAYFNL	378	1438
>CSF1R-L301 RVVESAYL	314	>CSF1R-L301 RVVESAYF	22064	21750
>CSF1R-L301 RVVESAYLNL	1240	>CSF1R-L301 RVVESAYFNL	479	761
>CSF1R-L301 RVVESAYL	368	>CSF1R-L301 RVVESAYF	37	331
>CSF1R-L301 RVVESAYL	381	>CSF1R-L301 RVVESAYF	3499	3118
>CSF1R-L301 RVVESAYLNL	368	>CSF1R-L301 RVVESAYFNL	432	64
>CSF1R-L301 RVVESAYL	1078	>CSF1R-L301 RVVESAYF	257	821
>CSF1R-L301 RVVESAYLNL	484	>CSF1R-L301 RVVESAYFNL	389	95
>CSF1R-L301 RVVESAYL	467	>CSF1R-L301 RVVESAYF	17410	16943
>CSF1R-L301 RVVESAYLNL	1066	>CSF1R-L301 RVVESAYFNL	243	823
>CSF1R-L301 RVVESAYL	433	>CSF1R-L301 RVVESAYF	12231	11798
>CSF1R-L301 RVVESAYLNL	652	>CSF1R-L301 RVVESAYFNL	135	517
>CSF1R-L301 RVVESAYL	1781	>CSF1R-L301 RVVESAYF	89	1692
>CSF1R-L301 RVVESAYL	2015	>CSF1R-L301 RVVESAYF	62	1953
>CSF1R-L301 RVVESAYL	15	>CSF1R-L301 RVVESAYF	4	11
>CSF1R-L301 RVVESAYLNL	17	>CSF1R-L301 RVVESAYFNL	19	2
>CSF1R-L301 RVVESAYL	463	>CSF1R-L301 RVVESAYF	25	438
>CSF1R-L301 RVVESAYLNL	740	>CSF1R-L301 RVVESAYFNL	449	291
>CSF1R-L301 FRVVESAYL	182	>CSF1R-L301 FRVVESAYF	11	171
>CSF1R-L301 FRVVESAYLN	112	>CSF1R-L301 FRVVESAYFN	166	54
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>CSF1R-L301 FRVVESAYLN	141	>CSF1R-L301 FRVVESAYFN	126	15
>CSF1R-L301 FRVVESAYL	41	>CSF1R-L301 FRVVESAYF	1422	1381
>CSF1R-L301 FRVVESAYLN	52	>CSF1R-L301 FRVVESAYFN	38	14
>CSF1R-L301 FRVVESAYL	1334	>CSF1R-L301 FRVVESAYF	124	1210
>CSF1R-L301 FFRVVESAYL	252	>CSF1R-L301 FFRVVESAYF	21	231
>CSF1R-L301 FFRVVESAYL	3563	>CSF1R-L301 FFRVVESAYF	214	3349
>CSF1R-L301 FFRVVESAYL	4450	>CSF1R-L301 FFRVVESAYF	226	4224
>CSF1R-L301 FFRVVESAYL	5165	>CSF1R-L301 FFRVVESAYF	316	4849
>CSF1R-L301 LNLSSSEQNL	303	>CSF1R-L301 SNLSSSEQNL	932	629
>CSF1R-L301 YLNLSSSEQNL	337	>CSF1R-L301 YSNLSSSEQNL	16686	16349
>CSF1R-L301 YLNLSSSEQNLI	78	>CSF1R-L301 YSNLSSSEQNL	13223	13145
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>CSF1R-L301 YLNLSSSEQNL	35	>CSF1R-L301 YSNLSSSEQNL	4164	4129
>CSF1R-L301 YLNLSSSEQNLI	5	>CSF1R-L301 YSNLSSSEQNL	864	859

>CSF1R-L301 YLNLSSSEQNL	162	>CSF1R-L301 YSNLSSSEQNL	12006	11844
>CSF1R-L301 YLNLSSSEQNLI	8	>CSF1R-L301 YSNLSSSEQNL	5013	5005
>CSF1R-L301 YLNLSSSEQNL	17	>CSF1R-L301 YSNLSSSEQNL	11455	11438
>CSF1R-L301 YLNLSSSEQNLI	24	>CSF1R-L301 YSNLSSSEQNL	12853	12829
>CSF1R-L301 YLNLSSSEQNL	17	>CSF1R-L301 YSNLSSSEQNL	17440	17423
>CSF1R-L301 YLNLSSSEQNLI	19	>CSF1R-L301 YSNLSSSEQNL	18758	18739
>CSF1R-L301 YLNLSSSEQNL	18	>CSF1R-L301 YSNLSSSEQNL	16699	16681
>CSF1R-L301 YLNLSSSEQNLI	43	>CSF1R-L301 YSNLSSSEQNL	19742	19699
>CSF1R-L301 YLNLSSSEQNL	15	>CSF1R-L301 YSNLSSSEQNL	16385	16370
>CSF1R-L301 YLNLSSSEQNLI	32	>CSF1R-L301 YSNLSSSEQNL	17788	17756
>CSF1R-L301 YLNLSSSEQ	26	>CSF1R-L301 YSNLSSSEQ	31589	31563
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>CSF1R-L301 YLNLSSSEQNLI	10	>CSF1R-L301 YSNLSSSEQNL	27329	27319
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>CSF1R-L301 YLNLSSSEQNL	2242	>CSF1R-L301 YSNLSSSEQNL	8	2234
>CSF1R-L301 YLNLSSSEQNLI	12944	>CSF1R-L301 YSNLSSSEQNL	314	12630
>CSF1R-L301 YLNLSSSEQNLI	12964	>CSF1R-L301 YSNLSSSEQNL	261	12703
>CSF1R-L301 YLNLSSSEQNLI	5271	>CSF1R-L301 YSNLSSSEQNL	197	5074
>CSF1R-L301 YLNLSSSEQNLI	5640	>CSF1R-L301 YSNLSSSEQNL	300	5340
>CSF1R-L301 YLNLSSSEQNL	25754	>CSF1R-L301 YSNLSSSEQNL	464	25290
>CSF1R-L301 YLNLSSSEQNLI	8662	>CSF1R-L301 YSNLSSSEQNL	100	8562
>CSF1R-L301 MFFRVVESA\	18	>CSF1R-L301 MFFRVVESA\	1708	1690
>CSF1R-L301 MFFRVVESA\	120	>CSF1R-L301 MFFRVVESA\	5969	5849
>CSF1R-L301 MFFRVVESA\	136	>CSF1R-L301 MFFRVVESA\	14826	14690
>CSF1R-L301 MFFRVVESA\	13	>CSF1R-L301 MFFRVVESA\	5010	4997
>CSF1R-L301 MFFRVVESA\	477	>CSF1R-L301 MFFRVVESA\	1616	1139
>CSF1R-L301 MFFRVVESA\	329	>CSF1R-L301 MFFRVVESA\	3481	3152
>CSF1R-L301 MFFRVVESA\	84	>CSF1R-L301 MFFRVVESA\	627	543
>CSF1R-L301 AYLNLSSSEQN	17	>CSF1R-L301 AYSNLSSSEQN	42	25
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>CSF1R-L301 ESAYLNLSSSEC	176	>CSF1R-L301 ESAYSNLSSSEC	144	32
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>CSF1R-L301 VESAYLNL	508	>CSF1R-L301 VESAYSNL	127	381
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>CSF1R-L301 VESAYLNL	85	>CSF1R-L301 VESAYSNL	120	35
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>CSF1R-L301 VVESAYLNL	4664	>CSF1R-L301 VVESAYSNL	220	4444
>CSF1R-L301 RVVESAYL	361	>CSF1R-L301 RVVESAYS	14724	14363
>CSF1R-L301 RVVESAYL	62	>CSF1R-L301 RVVESAYS	8128	8066
>CSF1R-L301 RVVESAYLNL	363	>CSF1R-L301 RVVESAYSNL	371	8
>CSF1R-L301 RVVESAYL	184	>CSF1R-L301 RVVESAYS	6738	6554

>CSF1R-L301 RVVESAYLNL	574	>CSF1R-L301 RVVESAYSNL	438	136
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>CSF1R-L301 RVVESAYLNL	226	>CSF1R-L301 RVVESAYSNL	569	343
>CSF1R-L301 RVVESAYL	80	>CSF1R-L301 RVVESAYS	6984	6904
>CSF1R-L301 RVVESAYL	202	>CSF1R-L301 RVVESAYS	14714	14512
>CSF1R-L301 RVVESAYL	314	>CSF1R-L301 RVVESAYS	20927	20613
>CSF1R-L301 RVVESAYL	368	>CSF1R-L301 RVVESAYS	13040	12672
>CSF1R-L301 RVVESAYLNL	1491	>CSF1R-L301 RVVESAYSNL	340	1151
>CSF1R-L301 RVVESAYL	381	>CSF1R-L301 RVVESAYS	1564	1183
>CSF1R-L301 RVVESAYLNL	368	>CSF1R-L301 RVVESAYSNL	721	353
>CSF1R-L301 RVVESAYLNL	484	>CSF1R-L301 RVVESAYSNL	829	345
>CSF1R-L301 RVVESAYL	467	>CSF1R-L301 RVVESAYS	6933	6466
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>CSF1R-L301 RVVESAYL	433	>CSF1R-L301 RVVESAYS	13151	12718
>CSF1R-L301 RVVESAYL	15	>CSF1R-L301 RVVESAYS	3196	3181
>CSF1R-L301 RVVESAYLNL	17	>CSF1R-L301 RVVESAYSNL	14	3
>CSF1R-L301 RVVESAYL	463	>CSF1R-L301 RVVESAYS	15730	15267
>CSF1R-L301 FRVVESAYL	182	>CSF1R-L301 FRVVESAYS	4980	4798
>CSF1R-L301 FRVVESAYLN	112	>CSF1R-L301 FRVVESAYSN	70	42
>CSF1R-L301 FRVVESAYL	475	>CSF1R-L301 FRVVESAYS	5150	4675
>CSF1R-L301 FRVVESAYLN	141	>CSF1R-L301 FRVVESAYSN	220	79
>CSF1R-L301 FRVVESAYL	41	>CSF1R-L301 FRVVESAYS	13678	13637
>CSF1R-L301 FRVVESAYLN	52	>CSF1R-L301 FRVVESAYSN	51	1
>CSF1R-L301 FFRVVESAYL	252	>CSF1R-L301 FFRVVESAYS	16209	15957
>CSF1R-L301 LNLSSQNL	303	>CSF1R-L301 VNLSSQNL	543	240
>CSF1R-L301 YLNLSSQNL	337	>CSF1R-L301 YVNLSSQNL	6895	6558
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>CSF1R-L301 YLNLSSQ	202	>CSF1R-L301 YVNLSSQ	6031	5829
>CSF1R-L301 YLNLSSQNL	35	>CSF1R-L301 YVNLSSQNL	540	505
>CSF1R-L301 YLNLSSQNL	5	>CSF1R-L301 YVNLSSQNL	74	69
>CSF1R-L301 YLNLSSQNL	162	>CSF1R-L301 YVNLSSQNL	1628	1466
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>CSF1R-L301 YLNLSSQNL	638	>CSF1R-L301 YVNLSSQNL	443	195
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>CSF1R-L301 YLNLSSQNL	24	>CSF1R-L301 YVNLSSQNL	1793	1769
>CSF1R-L301 YLNLSSQNL	17	>CSF1R-L301 YVNLSSQNL	2514	2497
>CSF1R-L301 YLNLSSQNL	19	>CSF1R-L301 YVNLSSQNL	3183	3164
>CSF1R-L301 YLNLSSQNL	18	>CSF1R-L301 YVNLSSQNL	2057	2039
>CSF1R-L301 YLNLSSQNL	43	>CSF1R-L301 YVNLSSQNL	3738	3695
>CSF1R-L301 YLNLSSQNL	15	>CSF1R-L301 YVNLSSQNL	443	428
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>CSF1R-L301 YLNLSSQ	26	>CSF1R-L301 YVNLSSQ	7245	7219
>CSF1R-L301 YLNLSSQNL	3	>CSF1R-L301 YVNLSSQNL	133	130

>CSF1R-L301 YLNLSSSEQNLI	10	>CSF1R-L301 YVNLSSSEQNLI	1734	1724
>CSF1R-L301 YLNLSSSEQNLI	2896	>CSF1R-L301 YVNLSSSEQNLI	103	2793
>CSF1R-L301 YLNLSSSEQNL	274	>CSF1R-L301 YVNLSSSEQNL	1702	1428
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>CSF1R-L301 MFFRVVESA\	1587	>CSF1R-L301 MFFRVVESA\	296	1291
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>CSF1R-L301 MFFRVVESA\	987	>CSF1R-L301 MFFRVVESA\	161	826
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>CSF1R-L301 MFFRVVESA\	1691	>CSF1R-L301 MFFRVVESA\	93	1598
>CSF1R-L301 MFFRVVESA\	1327	>CSF1R-L301 MFFRVVESA\	49	1278
>CSF1R-L301 MFFRVVESA\	136	>CSF1R-L301 MFFRVVESA\	1577	1441
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>CSF1R-L301 MFFRVVESA\	477	>CSF1R-L301 MFFRVVESA\	294	183
>CSF1R-L301 MFFRVVESA\	329	>CSF1R-L301 MFFRVVESA\	46	283
>CSF1R-L301 MFFRVVESA\	84	>CSF1R-L301 MFFRVVESA\	123	39
>CSF1R-L301 AYLNLSSSEQN	17	>CSF1R-L301 AYVNLSSSEQN	25	8
>CSF1R-L301 AYLNLSSSEQN	411	>CSF1R-L301 AYVNLSSSEQN	412	1
>CSF1R-L301 AYLNLSSSEQ	450	>CSF1R-L301 AYVNLSSSEQ	1942	1492
>CSF1R-L301 AYLNLSSSEQN	7	>CSF1R-L301 AYVNLSSSEQN	21	14
>CSF1R-L301 ESAYLNLSSSEQ	176	>CSF1R-L301 ESAYVNLSSSEQ	89	87
>CSF1R-L301 ESAYLNLSS	231	>CSF1R-L301 ESAYVNLSS	89	142
>CSF1R-L301 ESAYLNLSS	582	>CSF1R-L301 ESAYVNLSS	177	405
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>CSF1R-L301 VESAYLNL	25	>CSF1R-L301 VESAYVNL	28	3
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>CSF1R-L301 VVESAYLNL	778	>CSF1R-L301 VVESAYVNL	499	279
>CSF1R-L301 RVVESAYL	361	>CSF1R-L301 RVVESAYV	86	275
>CSF1R-L301 RVVESAYL	62	>CSF1R-L301 RVVESAYV	47	15
>CSF1R-L301 RVVESAYLNL	363	>CSF1R-L301 RVVESAYVNL	630	267
>CSF1R-L301 RVVESAYL	184	>CSF1R-L301 RVVESAYV	16	168
>CSF1R-L301 RVVESAYL	14	>CSF1R-L301 RVVESAYV	6	8
>CSF1R-L301 RVVESAYLNL	226	>CSF1R-L301 RVVESAYVNL	482	256
>CSF1R-L301 RVVESAYL	80	>CSF1R-L301 RVVESAYV	8	72
>CSF1R-L301 RVVESAYL	202	>CSF1R-L301 RVVESAYV	17	185
>CSF1R-L301 RVVESAYL	1276	>CSF1R-L301 RVVESAYV	49	1227
>CSF1R-L301 RVVESAYL	1464	>CSF1R-L301 RVVESAYV	70	1394
>CSF1R-L301 RVVESAYL	314	>CSF1R-L301 RVVESAYV	13	301
>CSF1R-L301 RVVESAYL	368	>CSF1R-L301 RVVESAYV	3273	2905
>CSF1R-L301 RVVESAYL	381	>CSF1R-L301 RVVESAYV	233	148
>CSF1R-L301 RVVESAYLNL	368	>CSF1R-L301 RVVESAYVNL	684	316
>CSF1R-L301 RVVESAYLNL	484	>CSF1R-L301 RVVESAYVNL	185	299
>CSF1R-L301 RVVESAYL	467	>CSF1R-L301 RVVESAYV	49	418
>CSF1R-L301 RVVESAYLNL	1066	>CSF1R-L301 RVVESAYVNL	416	650

>CSF1R-L301 RVVESAYL	433	>CSF1R-L301 RVVESAYV	33	400
>CSF1R-L301 RVVESAYL	15	>CSF1R-L301 RVVESAYV	242	227
>CSF1R-L301 RVVESAYLNL	17	>CSF1R-L301 RVVESAYVNL	26	9
>CSF1R-L301 RVVESAYL	463	>CSF1R-L301 RVVESAYV	6769	6306
>CSF1R-L301 FRVVESAYL	2364	>CSF1R-L301 FRVVESAYV	267	2097
>CSF1R-L301 FRVVESAYL	182	>CSF1R-L301 FRVVESAYV	365	183
>CSF1R-L301 FRVVESAYLN	112	>CSF1R-L301 FRVVESAYVN	80	32
>CSF1R-L301 FRVVESAYL	475	>CSF1R-L301 FRVVESAYV	1287	812
>CSF1R-L301 FRVVESAYLN	141	>CSF1R-L301 FRVVESAYVN	154	13
>CSF1R-L301 FRVVESAYL	41	>CSF1R-L301 FRVVESAYV	749	708
>CSF1R-L301 FRVVESAYLN	52	>CSF1R-L301 FRVVESAYVN	38	14
>CSF1R-L301 FFRVVESAYL	252	>CSF1R-L301 FFRVVESAYV	6199	5947
>CSF1R-P693 PEGGVDYKNI	607	>CSF1R-P693 HEGGVDYKN	50	557
>CSF1R-P693 PEGGVDYKNI	1296	>CSF1R-P693 HEGGVDYKN	107	1189
>CSF1R-P693 DPEGGVDY	89	>CSF1R-P693 DHEGGVDY	9595	9506
>CSF1R-P693 GQDPEGGV	151	>CSF1R-P693 GQDHEGGV	220	69
>CSF1R-P693 GQDPEGGV	307	>CSF1R-P693 GQDHEGGV	829	522
>CSF1R-P693 GQDPEGGV	466	>CSF1R-P693 GQDHEGGV	534	68
>CSF1R-P693 GQDPEGGVD	330	>CSF1R-P693 GQDHEGGVL	535	205
>CSF1R-P693 SLSPGQDPEG	1075	>CSF1R-P693 SLSPGQDHEG	481	594
>CSF1R-R10€ RPWNVLAQE	380	>CSF1R-R10€ WPWNVLAQ	2194	1814
>CSF1R-R10€ RPWNVLAQE	570	>CSF1R-R10€ WPWNVLAQ	473	97
>CSF1R-R10€ RPWNVLAQE	1396	>CSF1R-R10€ WPWNVLAQ	89	1307
>CSF1R-R10€ RPWNVLAQE	3059	>CSF1R-R10€ WPWNVLAQ	404	2655
>CSF1R-R10€ RPWNVLAQ	329	>CSF1R-R10€ WPWNVLAQ	2369	2040
>CSF1R-R10€ RPWNVLAQE	117	>CSF1R-R10€ WPWNVLAQ	3734	3617
>CSF1R-R10€ RPWNVLAQE	90	>CSF1R-R10€ WPWNVLAQ	753	663
>CSF1R-R10€ RPWNVLAQ	302	>CSF1R-R10€ WPWNVLAQ	30	272
>CSF1R-R10€ RPWNVLAQE	6575	>CSF1R-R10€ WPWNVLAQ	265	6310
>CSF1R-R10€ RPWNVLAQE	1805	>CSF1R-R10€ WPWNVLAQ	82	1723
>CSF1R-R10€ RPWNVLAQE	2169	>CSF1R-R10€ WPWNVLAQ	459	1710
>CSF1R-R10€ RPWNVLAQ	2059	>CSF1R-R10€ WPWNVLAQ	92	1967
>CSF1R-R10€ RPWNVLAQE	1188	>CSF1R-R10€ WPWNVLAQ	60	1128
>CSF1R-R10€ RPWNVLAQE	668	>CSF1R-R10€ WPWNVLAQ	382	286
>CSF1R-R10€ RPWNVLAQE	347	>CSF1R-R10€ WPWNVLAQ	18	329
>CSF1R-R10€ ARPWNVLAC	19325	>CSF1R-R10€ AWPWNVLAQ	240	19085
>CSF1R-R10€ ARPWNVLAC	245	>CSF1R-R10€ AWPWNVLAQ	28178	27933
>CSF1R-R10€ ARPWNVLAC	4034	>CSF1R-R10€ AWPWNVLAQ	433	3601
>CSF1R-R10€ ARPWNVLA	28388	>CSF1R-R10€ AWPWNVLAQ	85	28303
>CSF1R-R10€ ARPWNVLAC	32145	>CSF1R-R10€ AWPWNVLAQ	89	32056
>CSF1R-R10€ ARPWNVLAC	30617	>CSF1R-R10€ AWPWNVLAQ	149	30468
>CSF1R-R10€ AIHLYVKDPA	156	>CSF1R-R10€ AIHLYVKDPA	21967	21811
>CSF1R-R10€ AIHLYVKDPA	25053	>CSF1R-R10€ AIHLYVKDPA	262	24791

>CSF1R-R10€ PARPWNVLA	313	>CSF1R-R10€ PAWPWNVL	14464	14151
>CSF1R-R10€ DPARPWNV	890	>CSF1R-R10€ DPAWPWNV	343	547
>CSF1R-R10€ DPARPWNV	131	>CSF1R-R10€ DPAWPWNV	19	112
>CSF1R-R10€ DPARPWNVL	97	>CSF1R-R10€ DPAWPWNV	34	63
>CSF1R-R10€ DPARPWNVL	910	>CSF1R-R10€ DPAWPWNV	266	644
>CSF1R-R10€ DPARPWNVL	812	>CSF1R-R10€ DPAWPWNV	188	624
>CSF1R-R10€ DPARPWNVL	1618	>CSF1R-R10€ DPAWPWNV	282	1336
>CSF1R-R10€ DPARPWNVL	185	>CSF1R-R10€ DPAWPWNV	2827	2642
>CSF1R-R10€ KDPARPWNV	6154	>CSF1R-R10€ KDPAPWPN'	309	5845
>CSF1R-R10€ KDPARPWNV	197	>CSF1R-R10€ KDPAPWPN'	302	105
>CSF1R-R10€ VKDPARPWN	1105	>CSF1R-R10€ VKDPAPWPI	151	954
>CSF1R-R10€ VKDPARPWN	1402	>CSF1R-R10€ VKDPAPWPI	171	1231
>CSF1R-R10€ VKDPARPWN	618	>CSF1R-R10€ VKDPAPWPI	446	172
>CSF1R-R10€ YVKDPARPW	268	>CSF1R-R10€ YVKDPAWPV	39	229
>CSF1R-R10€ YVKDPARPW	483	>CSF1R-R10€ YVKDPAWPV	155	328
>CSF1R-R10€ YVKDPARPW	14	>CSF1R-R10€ YVKDPAWPV	10	4
>CSF1R-R10€ YVKDPARPW	84	>CSF1R-R10€ YVKDPAWPV	18	66
>CSF1R-R10€ YVKDPARPW	22	>CSF1R-R10€ YVKDPAWPV	4	18
>CSF1R-R10€ YVKDPARPW	90	>CSF1R-R10€ YVKDPAWPV	10	80
>CSF1R-R10€ YVKDPARPW	288	>CSF1R-R10€ YVKDPAWPV	33	255
>CSF1R-R10€ YVKDPARPW	287	>CSF1R-R10€ YVKDPAWPV	16	271
>CSF1R-R10€ YVKDPARPW	4	>CSF1R-R10€ YVKDPAWPV	2	2
>CSF1R-R10€ YVKDPARPW	89	>CSF1R-R10€ YVKDPAWPV	21	68
>CSF1R-R10€ YVKDPARPW	44	>CSF1R-R10€ YVKDPAWPV	7	37
>CSF1R-R10€ YVKDPARPW	20	>CSF1R-R10€ YVKDPAWPV	24	4
>CSF1R-R10€ YVKDPARPW	412	>CSF1R-R10€ YVKDPAWPV	130	282
>CSF1R-R10€ LYVKDPAW	11074	>CSF1R-R10€ LYVKDPAW	244	10830
>CSF1R-R10€ LYVKDPAWPV	413	>CSF1R-R10€ LYVKDPAWPV'	102	311
>CSF1R-R10€ LYVKDPAWPV	358	>CSF1R-R10€ LYVKDPAWPV'	96	262
>CSF1R-R10€ LYVKDPAW	4143	>CSF1R-R10€ LYVKDPAW	63	4080
>CSF1R-R10€ LYVKDPAWPV	275	>CSF1R-R10€ LYVKDPAWPV'	38	237
>CSF1R-R10€ LYVKDPAW	82	>CSF1R-R10€ LYVKDPAW	27623	27541
>CSF1R-R10€ HLYVKDPAW	27	>CSF1R-R10€ HLYVKDPAW	16088	16061
>CSF1R-R10€ HLYVKDPAWF	728	>CSF1R-R10€ HLYVKDPAW	345	383
>CSF1R-R10€ HLYVKDPAW	164	>CSF1R-R10€ HLYVKDPAW	24396	24232
>CSF1R-R10€ HLYVKDPAW	214	>CSF1R-R10€ HLYVKDPAW	27279	27065
>CSF1R-R10€ HLYVKDPAWF	334	>CSF1R-R10€ HLYVKDPAW	483	149
>CSF1R-R10€ HLYVKDPAW	23566	>CSF1R-R10€ HLYVKDPAW	47	23519
>CSF1R-R10€ HLYVKDPAWF	25	>CSF1R-R10€ HLYVKDPAW	28	3
>CSF1R-R10€ HLYVKDPAWF	299	>CSF1R-R10€ HLYVKDPAW	175	124
>CSF1R-R10€ HLYVKDPAW	22552	>CSF1R-R10€ HLYVKDPAW	414	22138
>CSF1R-R10€ HLYVKDPAWF	1776	>CSF1R-R10€ HLYVKDPAW	127	1649
>CSF1R-R10€ HLYVKDPAWF	3412	>CSF1R-R10€ HLYVKDPAW	362	3050

>CSF1R-R106 HLYVKDPAW	243	>CSF1R-R106 HLYVKDPAW	28379	28136
>CSF1R-R106 IHLYVKDPAW	27221	>CSF1R-R106 IHLYVKDPAW	367	26854
>CSF1R-R753 RDLLHFSSQV	1497	>CSF1R-R753 QDLLHFSSQV	466	1031
>CSF1R-R753 RDLLHFSSQV	278	>CSF1R-R753 QDLLHFSSQV	1789	1511
>CSF1R-R753 RDLLHFSSQV	71	>CSF1R-R753 QDLLHFSSQV	100	29
>CSF1R-R753 LRDLLHFSSQ'	7733	>CSF1R-R753 LQDLLHFSSQ	341	7392
>CSF1R-R753 LRDLLHFSSQ'	11769	>CSF1R-R753 LQDLLHFSSQ	27	11742
>CSF1R-R753 LRDLLHFSSQ'	7097	>CSF1R-R753 LQDLLHFSSQ	118	6979
>CSF1R-R753 LRDLLHFSSQ'	12792	>CSF1R-R753 LQDLLHFSSQ	329	12463
>CSF1R-R753 ELRDLLHFS	879	>CSF1R-R753 ELQDLLHFS	432	447
>CSF1R-R753 ELRDLLHFSSC	461	>CSF1R-R753 ELQDLLHFSSC	235	226
>CSF1R-R753 ELRDLLHF	94	>CSF1R-R753 ELQDLLHF	159	65
>CSF1R-R753 ELRDLLHF	115	>CSF1R-R753 ELQDLLHF	214	99
>CSF1R-R753 ELRDLLHF	487	>CSF1R-R753 ELQDLLHF	2718	2231
>CSF1R-R753 LELRDLLHFS	360	>CSF1R-R753 LELQDLLHFS	383	23
>CSF1R-R753 LELRDLLHF	607	>CSF1R-R753 LELQDLLHF	284	323
>CSF1R-R753 LELRDLLHF	89	>CSF1R-R753 LELQDLLHF	137	48
>CSF1R-R753 LELRDLLHF	85	>CSF1R-R753 LELQDLLHF	43	42
>CSF1R-R753 LELRDLLHFSS	574	>CSF1R-R753 LELQDLLHFSS	341	233
>CSF1R-R753 LELRDLLHF	673	>CSF1R-R753 LELQDLLHF	469	204
>CSF1R-R753 LELRDLLHFSS	479	>CSF1R-R753 LELQDLLHFSS	290	189
>CSF1R-R753 LELRDLLHF	432	>CSF1R-R753 LELQDLLHF	246	186
>CSF1R-R753 LELRDLLHF	171	>CSF1R-R753 LELQDLLHF	112	59
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>CSF1R-R753 RPLELRDL	494	>CSF1R-R753 RPLELQDL	103	391
>CSF1R-R753 RPLELRDLL	589	>CSF1R-R753 RPLELQDLL	488	101
>CSF1R-R753 RPLELRDLLHF	287	>CSF1R-R753 RPLELQDLLHF	308	21
>CSF1R-R753 RPLELRDL	30	>CSF1R-R753 RPLELQDL	151	121
>CSF1R-R753 RPLELRDLL	47	>CSF1R-R753 RPLELQDLL	644	597
>CSF1R-R753 RPLELRDLLHF	147	>CSF1R-R753 RPLELQDLLHF	689	542
>CSF1R-R753 RPLELRDLLHF	384	>CSF1R-R753 RPLELQDLLHF	478	94
>CSF1R-R753 RPLELRDLLHF	558	>CSF1R-R753 RPLELQDLLHF	282	276
>CSF1R-R753 RPLELRDLLHF	216	>CSF1R-R753 RPLELQDLLHF	208	8
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>CSF1R-S638 SHLGQHENIV	846	>CSF1R-S638 NHLGQHENIV	388	458
>CSF1R-S638 MSHLGQHEN	141	>CSF1R-S638 MNHLGQHEN	3893	3752
>CSF1R-S638 MSHLGQHEN	279	>CSF1R-S638 MNHLGQHEN	6009	5730
>CSF1R-S638 MSHLGQHEN	256	>CSF1R-S638 MNHLGQHEN	2531	2275
>CSF1R-S638 MSHLGQHEN	76	>CSF1R-S638 MNHLGQHEN	22082	22006
>CSF1R-S638 IMSHLGQHEI	22	>CSF1R-S638 IMNHLGQHE	45	23
>CSF1R-S638 IMSHLGQHEI	45	>CSF1R-S638 IMNHLGQHE	32	13
>CSF1R-S638 IMSHLGQHEI	53	>CSF1R-S638 IMNHLGQHE	27	26



>CSF1R-S638 IMSHLGQHEI	358	>CSF1R-S638 IMNHLGQHE	260	98
>CSF1R-S638 IMSHLGQHEI	263	>CSF1R-S638 IMNHLGQHE	218	45
>CSF1R-S638 IMSHLGQHEI	97	>CSF1R-S638 IMNHLGQHE	120	23
>CSF1R-S638 IMSHLGQHEI	1060	>CSF1R-S638 IMNHLGQHE	482	578
>CSF1R-S638 IMSHLGQHEI	98	>CSF1R-S638 IMNHLGQHE	110	12
>CSF1R-S638 KIMSHLGQH	176	>CSF1R-S638 KIMNHLGQH	193	17
>CSF1R-S638 ELKIMSHL	169	>CSF1R-S638 ELKIMNHL	386	217
>CSF1R-S638 ELKIMSHL	97	>CSF1R-S638 ELKIMNHL	171	74
>CSF1R-S638 SELKIMSHL	37	>CSF1R-S638 SELKIMNHL	34	3
>CSF1R-S638 SELKIMSHL	96	>CSF1R-S638 SELKIMNHL	120	24
>CSF1R-S638 SELKIMSHL	126	>CSF1R-S638 SELKIMNHL	143	17
>CSF1R-S638 SELKIMSHL	366	>CSF1R-S638 SELKIMNHL	536	170
>CSF1R-S638 SELKIMSHLG	717	>CSF1R-S638 SELKIMNHLG	438	279
>CSF1R-S638 SELKIMSHL	13	>CSF1R-S638 SELKIMNHL	15	2
>CSF1R-S638 MSELKIMSHL	25	>CSF1R-S638 MSELKIMNHL	141	116
>CSF1R-S638 MSELKIMSHL	474	>CSF1R-S638 MSELKIMNHL	833	359
>CSF1R-S638 LMSELKIMSH	71	>CSF1R-S638 LMSELKIMNHL	72	1
>CSF1R-S638 LMSELKIMSH	7	>CSF1R-S638 LMSELKIMNHL	6	1
>CSF1R-S638 LMSELKIMSH	20	>CSF1R-S638 LMSELKIMNHL	29	9
>CSF1R-S638 LMSELKIMSH	75	>CSF1R-S638 LMSELKIMNHL	68	7
>CSF1R-S638 LMSELKIMS	466	>CSF1R-S638 LMSELKIMNHL	2044	1578
>CSF1R-S638 LMSELKIMSH	12	>CSF1R-S638 LMSELKIMNHL	19	7
>CSF1R-S638 LMSELKIMSH	22	>CSF1R-S638 LMSELKIMNHL	21	1
>CSF1R-S638 LMSELKIMSH	20	>CSF1R-S638 LMSELKIMNHL	26	6
>CSF1R-S638 LMSELKIMSH	97	>CSF1R-S638 LMSELKIMNHL	156	59
>CSF1R-S638 LMSELKIMSH	4	>CSF1R-S638 LMSELKIMNHL	5	1
>CSF1R-S638 LMSELKIMSH	210	>CSF1R-S638 LMSELKIMNHL	350	140
>CSF1R-S638 LMSELKIMSH	420	>CSF1R-S638 LMSELKIMNHL	672	252
>CSF1R-T952 LTCCEQGDI	53	>CSF1R-T952 LICCEQGDI	4276	4223
>CSF1R-T952 LEEESSSEHLT	730	>CSF1R-T952 LEEESSSEHLI	9	721
>CSF1R-T952 LEEESSSEHLT	4833	>CSF1R-T952 LEEESSSEHLI	53	4780
>CSF1R-T952 LEEESSSEHLT	3183	>CSF1R-T952 LEEESSSEHLI	29	3154
>CSF1R-T952 HLTCCCEQGDI	828	>CSF1R-T952 HLICCEQGDI	297	531
>CSF1R-T952 HLTCCCEQGDI	1905	>CSF1R-T952 HLICCEQGDI	327	1578
>CSF1R-T952 HLTCCCEQGDI	455	>CSF1R-T952 HLICCEQGDI	120	335
>CSF1R-T952 HLTCCCEQGDI	317	>CSF1R-T952 HLICCEQGDI	67	250
>CSF1R-T952 SEHLTCCE	373	>CSF1R-T952 SEHLICCE	584	211
>CSF1R-T952 SEHLTCCEQ	727	>CSF1R-T952 SEHLICCEQ	471	256
>CSF1R-T952 SEHLTCCEQ	816	>CSF1R-T952 SEHLICCEQ	377	439
>CSF1R-T952 SEHLTCCEQG	328	>CSF1R-T952 SEHLICCEQG	370	42
>CSF1R-T952 ESSSEHLT	6374	>CSF1R-T952 ESSSEHLI	265	6109
>CSF1R-T952 EESSSEHLT	6981	>CSF1R-T952 EESSSEHLI	18	6963
>CSF1R-T952 EESSSEHLT	8549	>CSF1R-T952 EESSSEHLI	174	8375

>CSF1R-T952 EESSSEHLT	37	>CSF1R-T952 EESSSEHLI	81	44
>CSF1R-T952 EESSSEHLTCC	82	>CSF1R-T952 EESSSEHLICC	45	37
>CSF1R-T952 EESSSEHLT	12923	>CSF1R-T952 EESSSEHLI	427	12496
>CSF1R-T952 EEESSEHLT	4291	>CSF1R-T952 EEESSEHLI	17	4274
>CSF1R-T952 EEESSEHLT	1052	>CSF1R-T952 EEESSEHLI	265	787
>CSF1R-T952 EEESSEHLT	2048	>CSF1R-T952 EEESSEHLI	248	1800
>CSF1R-T952 EEESSEHLT	210	>CSF1R-T952 EEESSEHLI	288	78
>CSF1R-T952 EEESSEHLTCC	409	>CSF1R-T952 EEESSEHLICC	419	10
>CSF1R-T952 EEESSEHLT	8101	>CSF1R-T952 EEESSEHLI	65	8036
>CSF1R-V32C VVKPGATV	49	>CSF1R-V32C VGKPGATV	8153	8104
>CSF1R-V32C VVKPGATV	284	>CSF1R-V32C VGKPGATV	6495	6211
>CSF1R-V32C VVKPGATV	10	>CSF1R-V32C VGKPGATV	3207	3197
>CSF1R-V32C VVKPGATVTL	118	>CSF1R-V32C VGKPGATVTL	13907	13789
>CSF1R-V32C VVKPGATVTL	27	>CSF1R-V32C VGKPGATVTL	282	255
>CSF1R-V32C VVKPGATVTL	206	>CSF1R-V32C VGKPGATVTL	4214	4008
>CSF1R-V32C VVKPGATVTL	94	>CSF1R-V32C VGKPGATVTL	458	364
>CSF1R-V32C VIEPSVPELVV	287	>CSF1R-V32C VIEPSVPELVC	25012	24725
>CSF1R-V32C VIEPSVPELVV	18	>CSF1R-V32C VIEPSVPELVC	23167	23149
>CSF1R-V32C LVVVKPGATV	178	>CSF1R-V32C LVGKPGATV	948	770
>CSF1R-V32C LVVVKPGATV	78	>CSF1R-V32C LVGKPGATV	951	873
>CSF1R-V32C LVVVKPGATVT	230	>CSF1R-V32C LVGKPGATVT	2136	1906
>CSF1R-V32C LVVVKPGATV	46	>CSF1R-V32C LVGKPGATV	42	4
>CSF1R-V32C LVVVKPGATV	467	>CSF1R-V32C LVGKPGATV	395	72
>CSF1R-V32C LVVVKPGATV	25	>CSF1R-V32C LVGKPGATV	24	1
>CSF1R-V32C LVVVKPGATVT	241	>CSF1R-V32C LVGKPGATVT	262	21
>CSF1R-V32C LVVVKPGATV	144	>CSF1R-V32C LVGKPGATV	1858	1714
>CSF1R-V32C LVVVKPGATV	125	>CSF1R-V32C LVGKPGATV	464	339
>CSF1R-V32C LVVVKPGATVT	199	>CSF1R-V32C LVGKPGATVT	3123	2924
>CSF1R-V32C LVVVKPGATV	298	>CSF1R-V32C LVGKPGATV	1287	989
>CSF1R-V32C LVVVKPGATVT	421	>CSF1R-V32C LVGKPGATVT	1551	1130
>CSF1R-V32C ELVVKPGATV	903	>CSF1R-V32C ELVGKPGATV	366	537
>CSF1R-V32C ELVVKPGATV	149	>CSF1R-V32C ELVGKPGATV	94	55
>CSF1R-V32C ELVVKPGATV	36	>CSF1R-V32C ELVGKPGATV	9	27
>CSF1R-V32C ELVVKPGATV	138	>CSF1R-V32C ELVGKPGATV	100	38
>CSF1R-V32C ELVVKPGATV	267	>CSF1R-V32C ELVGKPGATV	94	173
>CSF1R-V32C ELVVKPGATV	240	>CSF1R-V32C ELVGKPGATV	75	165
>CSF1R-V32C ELVVKPGA	828	>CSF1R-V32C ELVGKPGA	122	706
>CSF1R-V32C ELVVKPGATV	26	>CSF1R-V32C ELVGKPGATV	7	19
>CSF1R-V32C ELVVKPGATV	296	>CSF1R-V32C ELVGKPGATV	195	101
>CSF1R-V32C ELVVKPGATV	151	>CSF1R-V32C ELVGKPGATV	133	18
>CSF1R-V32C PELVVKPGAT	497	>CSF1R-V32C PELVGKPGAT	576	79
>CSF1R-V32C VPPELVVKPGA	41	>CSF1R-V32C VPPELVGKPGA	88	47
>CSF1R-V32C SVPELVVKPG	202	>CSF1R-V32C SVPELVGKPG	388	186

>CSF1R-V32C SVPELVVKPG	471	>CSF1R-V32C SVPELVGKPG	912	441
>CSF1R-V32C SVPELVVKPG	279	>CSF1R-V32C SVPELVGKPG	629	350
>CSF1R-V32C SVPELVVK	70	>CSF1R-V32C SVPELVGK	82	12
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>CSF1R-V32C EPSVPELVVK	761	>CSF1R-V32C EPSVPELVGK	489	272
>CSF1R-Y571 YNEKWEFPR	1266	>CSF1R-Y571 DNEKWEFPR	215	1051
>CSF1R-Y571 YNEKWEFPR	389	>CSF1R-Y571 DNEKWEFPR	514	125
>CSF1R-Y571 YNEKWEFPR	136	>CSF1R-Y571 DNEKWEFPR	445	309
>CSF1R-Y571 PYNEKWEF	108	>CSF1R-Y571 PDNEKWEF	15999	15891
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>CSF1R-Y571 PYNEKWEF	34	>CSF1R-Y571 PDNEKWEF	23159	23125
>CSF1R-Y571 PYNEKWEFPI	41	>CSF1R-Y571 PDNEKWEFPI	3523	3482
>CSF1R-Y571 YTFIDPTQLPY	28	>CSF1R-Y571 YTFIDPTQLPI	19786	19758
>CSF1R-Y571 YTFIDPTQLPY	187	>CSF1R-Y571 YTFIDPTQLPI	22650	22463
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>CSF1R-Y571 YTFIDPTQLPY	17	>CSF1R-Y571 YTFIDPTQLPI	6395	6378
>CSF1R-Y571 YTFIDPTQLPY	153	>CSF1R-Y571 YTFIDPTQLPI	33100	32947
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>CSF1R-Y969 LLQPNNYQFC	298	>CSF1R-Y969 LLQPNNCQFC	409	111
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>CSF1R-Y969 LLQPNNYQF	395	>CSF1R-Y969 LLQPNNCQF	8181	7786
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>CSF1R-Y969 AQPLLQPNN'	418	>CSF1R-Y969 AQPLLQPNN(	31487	31069
>CSF1R-Y969 AQPLLQPNN'	283	>CSF1R-Y969 AQPLLQPNN(	13737	13454
>CSF1R-Y969 IAQPLLQPNN	232	>CSF1R-Y969 IAQPLLQPNN	31361	31129
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>CSF1R-Y969 LLQPNNYQF	395	>CSF1R-Y969 LLQPNNDQF	6045	5650
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>CSF1R-Y969 LQPNNYQF	342	>CSF1R-Y969 LQPNNHQF	629	287
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>CSF1R-Y969 LLQPNNYQF	382	>CSF1R-Y969 LLQPNNNQF	3491	3109
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>CSF1R-Y969 LLQPNNYQF	276	>CSF1R-Y969 LLQPNNNQF	153	123
>CSF1R-Y969 LLQPNNYQF	113	>CSF1R-Y969 LLQPNNNQF	123	10
>CSF1R-Y969 LLQPNNYQF	196	>CSF1R-Y969 LLQPNNNQF	810	614
>CSF1R-Y969 PLLQPNNYQF	283	>CSF1R-Y969 PLLQPNNNQ	632	349
>CSF1R-Y969 PLLQPNNY	167	>CSF1R-Y969 PLLQPNNN	31957	31790
>CSF1R-Y969 PLLQPNNY	364	>CSF1R-Y969 PLLQPNNN	23154	22790
>CSF1R-Y969 PLLQPNNY	426	>CSF1R-Y969 PLLQPNNN	25627	25201
>CSF1R-Y969 PLLQPNNYQF	744	>CSF1R-Y969 PLLQPNNNQ	474	270
>CSF1R-Y969 QPLLQPNNY	126	>CSF1R-Y969 QPLLQPNNN	13635	13509
>CSF1R-Y969 QPLLQPNNY(C	77	>CSF1R-Y969 QPLLQPNNN(C	153	76
>CSF1R-Y969 QPLLQPNNY	171	>CSF1R-Y969 QPLLQPNNN	24023	23852
>CSF1R-Y969 QPLLQPNNY(C	214	>CSF1R-Y969 QPLLQPNNN(C	1025	811
>CSF1R-Y969 QPLLQPNNY(C	495	>CSF1R-Y969 QPLLQPNNN(C	743	248
>CSF1R-Y969 AQPLLQPNN'	418	>CSF1R-Y969 AQPLLQPNNI	30257	29839
>CSF1R-Y969 AQPLLQPNN'	283	>CSF1R-Y969 AQPLLQPNNI	16797	16514
>CTNNA1-H5 HVLAASVEQ/	2932	>CTNNA1-H5 YVLAASVEQ/	387	2545
>CTNNA1-H5 HVLAASVEQ/	2051	>CTNNA1-H5 YVLAASVEQ/	229	1822
>CTNNA1-H5 HVLAASVEQ	6296	>CTNNA1-H5 YVLAASVEQ	340	5956
>CTNNA1-H5 HVLAASVEQ/	2418	>CTNNA1-H5 YVLAASVEQ/	129	2289
>CTNNA1-H5 HVLAASVEQ/	2174	>CTNNA1-H5 YVLAASVEQ/	73	2101
>CTNNA1-H5 HVLAASVEQ/	2158	>CTNNA1-H5 YVLAASVEQ/	38	2120
>CTNNA1-H5 HVLAASVEQ/	2502	>CTNNA1-H5 YVLAASVEQ/	71	2431
>CTNNA1-H5 HVLAASVEQ/	2886	>CTNNA1-H5 YVLAASVEQ/	37	2849
>CTNNA1-H5 HVLAASVEQ/	2997	>CTNNA1-H5 YVLAASVEQ/	37	2960
>CTNNA1-H5 HVLAASVEQ	378	>CTNNA1-H5 YVLAASVEQ	4360	3982
>CTNNA1-H5 HVLAASVEQ/	320	>CTNNA1-H5 YVLAASVEQ/	3407	3087
>CTNNA1-H5 HVLAASVEQ/	1528	>CTNNA1-H5 YVLAASVEQ/	319	1209
>CTNNA1-H5 HVLAASVEQ/	89	>CTNNA1-H5 YVLAASVEQ/	38	51



>CTNNA1-H5 HVLAASVEQ/	866	>CTNNA1-H5 YVLAASVEQA	434	432
>CTNNA1-H5 AHVLAASV	17346	>CTNNA1-H5 AYVLAASV	348	16998
>CTNNA1-H5 AHVLAASV	412	>CTNNA1-H5 AYVLAASV	13330	12918
>CTNNA1-H5 NKKRGRSKK/	1243	>CTNNA1-H5 NKKRGRSKK/	17	1226
>CTNNA1-H5 KAHVLAASV	3800	>CTNNA1-H5 KAYVLAASV	204	3596
>CTNNA1-H5 KAHVLAASV	1811	>CTNNA1-H5 KAYVLAASV	402	1409
>CTNNA1-H5 KAHVLAASV	596	>CTNNA1-H5 KAYVLAASV	91	505
>CTNNA1-H5 KAHVLAASV	434	>CTNNA1-H5 KAYVLAASV	36	398
>CTNNA1-H5 KAHVLAASV	1127	>CTNNA1-H5 KAYVLAASV	93	1034
>CTNNA1-H5 KAHVLAASV	5263	>CTNNA1-H5 KAYVLAASV	391	4872
>CTNNA1-H5 KAHVLAASV	1799	>CTNNA1-H5 KAYVLAASV	250	1549
>CTNNA1-H5 KAHVLAAS	274	>CTNNA1-H5 KAYVLAAS	3342	3068
>CTNNA1-H5 KAHVLAASV	24	>CTNNA1-H5 KAYVLAASV	377	353
>CTNNA1-H5 KAHVLAASVE	162	>CTNNA1-H5 KAYVLAASVE	1919	1757
>CTNNA1-H5 KAHVLAASV	4932	>CTNNA1-H5 KAYVLAASV	259	4673
>CTNNA1-H5 KAHVLAASV	1656	>CTNNA1-H5 KAYVLAASV	463	1193
>CTNNA1-H5 KAHVLAASV	141	>CTNNA1-H5 KAYVLAASV	23	118
>CTNNA1-H5 KAHVLAASV	5349	>CTNNA1-H5 KAYVLAASV	383	4966
>CTNNA1-H5 KAHVLAASV	1712	>CTNNA1-H5 KAYVLAASV	424	1288
>CTNNA1-H5 KKAHVLAAS	154	>CTNNA1-H5 KKAYVLAAS	147	7
>CTNNA1-H5 KKAHVLAASV	55	>CTNNA1-H5 KKAYVLAASV	50	5
>CTNNA1-H5 SKKAHVLAAS	360	>CTNNA1-H5 SKKAYVLAAS	1694	1334
>CTNNA1-H5 SKKAHVLAAS	136	>CTNNA1-H5 SKKAYVLAAS	91	45
>CTNNA1-H5 SKKAHVLAAS	82	>CTNNA1-H5 SKKAYVLAAS	66	16
>CTNNA1-H5 RSKKAHVLA	12	>CTNNA1-H5 RSKKAYVLA	14	2
>CTNNA1-H5 RSKKAHVLA	4	>CTNNA1-H5 RSKKAYVLA	4	0
>CTNNA1-H5 RSKKAHVLA	4	>CTNNA1-H5 RSKKAYVLA	4	0
>CTNNA1-H5 RSKKAHVLA	11	>CTNNA1-H5 RSKKAYVLA	12	1
>CTNNA1-H5 RSKKAHVLA	249	>CTNNA1-H5 RSKKAYVLA	191	58
>CTNNA1-H5 RSKKAHVLA	540	>CTNNA1-H5 RSKKAYVLA	401	139
>CTNNA1-H5 RSKKAHVLA	8	>CTNNA1-H5 RSKKAYVLA	12	4
>CTNNA1-H5 RSKKAHVLA	375	>CTNNA1-H5 RSKKAYVLA	492	117
>CTNNA1-H5 RSKKAHVLA	89	>CTNNA1-H5 RSKKAYVLA	125	36
>CTNNA1-H5 RSKKAHVLA	25	>CTNNA1-H5 RSKKAYVLA	94	69
>CTNNA1-H5 RSKKAHVLA	577	>CTNNA1-H5 RSKKAYVLA	463	114
>CTNNA1-H5 GRSKKAHVLA	170	>CTNNA1-H5 GRSKKAHVLA	211	41
>CTNNA1-H5 GRSKKAHVLA	111	>CTNNA1-H5 GRSKKAHVLA	156	45
>CTNNA1-H5 GRSKKAHVLA	312	>CTNNA1-H5 GRSKKAHVLA	396	84
>CTNNA1-H5 GRSKKAHVLA	75	>CTNNA1-H5 GRSKKAHVLA	151	76
>CTNNA1-H5 RGRSKKAHV	1895	>CTNNA1-H5 RGRSKKAHV	221	1674
>CTNNA1-H5 RGRSKKAHV	28	>CTNNA1-H5 RGRSKKAHV	15	13
>CTNNA1-H5 RGRSKKAHV	96	>CTNNA1-H5 RGRSKKAHV	108	12
>CTNNA1-H5 RGRSKKAHV	11	>CTNNA1-H5 RGRSKKAHV	11	0

>CTNNA1-H5 RGRSKKAH	14298	>CTNNA1-H5 RGRSKKAY	384	13914
>CTNNA1-H5 RGRSKKAH	8583	>CTNNA1-H5 RGRSKKAY	312	8271
>CTNNA1-H5 RGRSKKAH	11697	>CTNNA1-H5 RGRSKKAY	101	11596
>CTNNA1-H5 RGRSKKAHV	307	>CTNNA1-H5 RGRSKKAYV	351	44
>CTNNA1-H5 KRGRSKKAH	1860	>CTNNA1-H5 KRGRSKKAY	42	1818
>CTNNA1-H5 KRGRSKKAH\	478	>CTNNA1-H5 KRGRSKKAYV	543	65
>CTNNA1-H5 KRGRSKKAH\	107	>CTNNA1-H5 KRGRSKKAYV	125	18
>CTNNA1-H5 KRGRSKKAH\	285	>CTNNA1-H5 KRGRSKKAYV	456	171
>CTNNA1-H5 KKRGRSKKA\	121	>CTNNA1-H5 KKRGRSKKAY	58	63
>CTNNA1-H5 KKRGRSKKA\	212	>CTNNA1-H5 KKRGRSKKAY	7	205
>CTNNA1-H5 KKRGRSKKA\	333	>CTNNA1-H5 KKRGRSKKAY	317	16
>CTNNA1-R3 RLESIISGA	36	>CTNNA1-R3 HLESIISGA	28	8
>CTNNA1-R3 RLESIISGAAL	25	>CTNNA1-R3 HLESIISGAAL	25	0
>CTNNA1-R3 RLESIISGA	19	>CTNNA1-R3 HLESIISGA	47	28
>CTNNA1-R3 RLESIISGAA	185	>CTNNA1-R3 HLESIISGAA	412	227
>CTNNA1-R3 RLESIISGAAL	116	>CTNNA1-R3 HLESIISGAAL	310	194
>CTNNA1-R3 RLESIISGA	67	>CTNNA1-R3 HLESIISGA	333	266
>CTNNA1-R3 RLESIISGAA	349	>CTNNA1-R3 HLESIISGAA	1346	997
>CTNNA1-R3 RLESIISGAAL	48	>CTNNA1-R3 HLESIISGAAL	204	156
>CTNNA1-R3 RLESIISGA	401	>CTNNA1-R3 HLESIISGA	499	98
>CTNNA1-R3 RLESIISGAAL	75	>CTNNA1-R3 HLESIISGAAL	94	19
>CTNNA1-R3 RLESIISGA	21	>CTNNA1-R3 HLESIISGA	19	2
>CTNNA1-R3 RLESIISGAA	369	>CTNNA1-R3 HLESIISGAA	346	23
>CTNNA1-R3 RLESIISGAAL	18	>CTNNA1-R3 HLESIISGAAL	17	1
>CTNNA1-R3 RLESIISGAAL	1811	>CTNNA1-R3 HLESIISGAAL	155	1656
>CTNNA1-R3 EERLESII	7	>CTNNA1-R3 EEHLESII	10	3
>CTNNA1-R3 EERLESII	965	>CTNNA1-R3 EEHLESII	379	586
>CTNNA1-R3 EERLESII	966	>CTNNA1-R3 EEHLESII	241	725
>CTNNA1-R3 EERLESII	742	>CTNNA1-R3 EEHLESII	209	533
>CTNNA1-R3 EERLESII	52	>CTNNA1-R3 EEHLESII	17	35
>CTNNA1-R3 EERLESII	14	>CTNNA1-R3 EEHLESII	15	1
>CTNNA1-R3 LEERLESI	176	>CTNNA1-R3 LEEHLESI	84	92
>CTNNA1-R3 LEERLESII	278	>CTNNA1-R3 LEEHLESII	138	140
>CTNNA1-R3 LEERLESI	476	>CTNNA1-R3 LEEHLESI	726	250
>CTNNA1-R3 LEERLESII	55	>CTNNA1-R3 LEEHLESII	44	11
>CTNNA1-R3 SLEERLESI	154	>CTNNA1-R3 SLEEHLESI	73	81
>CTNNA1-R3 SLEERLESI	25	>CTNNA1-R3 SLEEHLESI	10	15
>CTNNA1-R3 SLEERLESII	409	>CTNNA1-R3 SLEEHLESII	241	168
>CTNNA1-R3 SLEERLESI	49	>CTNNA1-R3 SLEEHLESI	14	35
>CTNNA1-R3 SLEERLESI	82	>CTNNA1-R3 SLEEHLESI	41	41
>CTNNA1-R3 SLEERLESI	15	>CTNNA1-R3 SLEEHLESI	8	7
>CTNNA1-R3 SLEERLESII	223	>CTNNA1-R3 SLEEHLESII	136	87
>CTNNA1-R3 SLEERLESI	25	>CTNNA1-R3 SLEEHLESI	16	9

>CTNNA1-R3 SLEERLESII	124	>CTNNA1-R3 SLEEHLESII	85	39
>CTNNA1-R3 SLEERLESI	187	>CTNNA1-R3 SLEEHLESI	224	37
>CTNNA1-R3 SLEERLESI	8	>CTNNA1-R3 SLEEHLESI	8	0
>CTNNA1-R3 SLEERLESII	47	>CTNNA1-R3 SLEEHLESII	57	10
>CTNNA1-R3 RPSLEERL	313	>CTNNA1-R3 RPSLEEHL	414	101
>CTNNA1-R3 RPSLEERLESI	149	>CTNNA1-R3 RPSLEEHL	190	41
>CTNNA1-R3 RFRPSLEERL	154	>CTNNA1-R3 RFRPSLEEHL	71	83
>CTNNA1-R3 RFRPSLEER	54	>CTNNA1-R3 RFRPSLEEHL	683	629
>CTNNA1-R3 RFRPSLEERL	189	>CTNNA1-R3 RFRPSLEEHL	70	119
>CTNNA1-R3 RFRPSLEER	8	>CTNNA1-R3 RFRPSLEEHL	751	743
>CTNNA1-R3 RFRPSLEER	317	>CTNNA1-R3 RFRPSLEEHL	26077	25760
>CTNNA1-R3 RFRPSLEERL	1303	>CTNNA1-R3 RFRPSLEEHL	132	1171
>CTNNA1-R3 ERFRPSLEERL	827	>CTNNA1-R3 ERFRPSLEEHL	366	461
>CTNNA1-R3 ERFRPSLEERL	517	>CTNNA1-R3 ERFRPSLEEHL	404	113
>CTNNB1-A1 AMEPDRKAA	346	>CTNNB1-A1 TMEPDRKAA	342	4
>CTNNB1-A1 AMEPDRKAA	46	>CTNNB1-A1 TMEPDRKAA	168	122
>CTNNB1-A1 AMEPDRKAA	71	>CTNNB1-A1 TMEPDRKAA	206	135
>CTNNB1-A1 AMEPDRKA	304	>CTNNB1-A1 TMEPDRKA	1538	1234
>CTNNB1-A1 AMEPDRKAA	241	>CTNNB1-A1 TMEPDRKAA	1443	1202
>CTNNB1-A1 AMEPDRKAA	3	>CTNNB1-A1 TMEPDRKAA	7	4
>CTNNB1-A1 MAMEPDRK/	299	>CTNNB1-A1 MTMEPDRK/	115	184
>CTNNB1-A1 MAMEPDRK/	258	>CTNNB1-A1 MTMEPDRK/	97	161
>CTNNB1-A1 MAMEPDRK/	165	>CTNNB1-A1 MTMEPDRK/	57	108
>CTNNB1-A1 MAMEPDRK/	45	>CTNNB1-A1 MTMEPDRK/	34	11
>CTNNB1-A1 MAMEPDRK/	35	>CTNNB1-A1 MTMEPDRK/	12	23
>CTNNB1-A1 MAMEPDRK/	453	>CTNNB1-A1 MTMEPDRK/	85	368
>CTNNB1-A1 MAMEPDRK/	572	>CTNNB1-A1 MTMEPDRK/	379	193
>CTNNB1-A1 MAMEPDRK/	76	>CTNNB1-A1 MTMEPDRK/	56	20
>CTNNB1-A1 MAMEPDRK	1474	>CTNNB1-A1 MTMEPDRK	242	1232
>CTNNB1-A1 MAMEPDRK	62	>CTNNB1-A1 MTMEPDRK	20	42
>CTNNB1-A1 MAMEPDRK	45	>CTNNB1-A1 MTMEPDRK	10	35
>CTNNB1-A1 MAMEPDRK/	108	>CTNNB1-A1 MTMEPDRK/	17	91
>CTNNB1-A1 MAMEPDRK/	1399	>CTNNB1-A1 MTMEPDRK/	134	1265
>CTNNB1-A1 MAMEPDRK/	7	>CTNNB1-A1 MTMEPDRK/	4	3
>CTNNB1-A1 MAMEPDRK/	1948	>CTNNB1-A1 MTMEPDRK/	469	1479
>CTNNB1-A1 MAMEPDRK/	1291	>CTNNB1-A1 MTMEPDRK/	341	950
>CTNNB1-A1 MAMEPDRK/	24	>CTNNB1-A1 MTMEPDRK/	10	14
>CTNNB1-A1 MAMEPDRK/	1133	>CTNNB1-A1 MTMEPDRK/	102	1031
>CTNNB1-A1 MAMEPDRK/	372	>CTNNB1-A1 MTMEPDRK/	4161	3789
>CTNNB1-A1 MAMEPDRK/	285	>CTNNB1-A1 MTMEPDRK/	5840	5555
>CTNNB1-A1 TQADLMELD	164	>CTNNB1-A1 TQADLMELD	1499	1335
>CTNNB1-A1 TQADLMELD	272	>CTNNB1-A1 TQADLMELD	3354	3082
>CTNNB1-A1 TQADLMELD	29	>CTNNB1-A1 TQADLMELD	170	141

>CTNNB1-A1 DMAMEPDR	291	>CTNNB1-A1 DMTMEPDR	133	158
>CTNNB1-A1 DMAMEPDR	128	>CTNNB1-A1 DMTMEPDR	245	117
>CTNNB1-A1 MELDMAME	385	>CTNNB1-A1 MELDMTMEI	116	269
>CTNNB1-A1 MELDMAME	395	>CTNNB1-A1 MELDMTMEI	197	198
>CTNNB1-A1 MELDMAME	525	>CTNNB1-A1 MELDMTMEI	373	152
>CTNNB1-A1 LMELDMAM	399	>CTNNB1-A1 LMELDMTM	890	491
>CTNNB1-A1 DLMELDMA	477	>CTNNB1-A1 DLMELDMT	2617	2140
>CTNNB1-A1 DLMELDMAN	516	>CTNNB1-A1 DLMELDMTN	245	271
>CTNNB1-A1 DLMELDMA	223	>CTNNB1-A1 DLMELDMT	1485	1262
>CTNNB1-A1 DLMELDMAN	317	>CTNNB1-A1 DLMELDMTN	191	126
>CTNNB1-A1 DLMELDMAN	317	>CTNNB1-A1 DLMELDMTN	1882	1565
>CTNNB1-A1 DLMELDMAN	450	>CTNNB1-A1 DLMELDMTN	542	92
>CTNNB1-A1 DLMELDMAN	442	>CTNNB1-A1 DLMELDMTN	688	246
>CTNNB1-A1 DLMELDMAN	71	>CTNNB1-A1 DLMELDMTN	163	92
>CTNNB1-A1 ADLMELDMA	112	>CTNNB1-A1 ADLMELDMT	140	28
>CTNNB1-A1 ADLMELDMA	493	>CTNNB1-A1 ADLMELDMT	242	251
>CTNNB1-A1 QADLMELDN	51	>CTNNB1-A1 QADLMELDN	104	53
>CTNNB1-A1 ASRHAIMR	14	>CTNNB1-A1 SSRHAIMR	20	6
>CTNNB1-A1 ASRHAIMRS	13	>CTNNB1-A1 SSRHAIMRS	17	4
>CTNNB1-A1 ASRHAIMRSF	46	>CTNNB1-A1 SSRHAIMRSP	74	28
>CTNNB1-A1 ASRHAIMRSF	11	>CTNNB1-A1 SSRHAIMRSP	13	2
>CTNNB1-A1 ASRHAIMR	70	>CTNNB1-A1 SSRHAIMR	75	5
>CTNNB1-A1 ASRHAIMR	1531	>CTNNB1-A1 SSRHAIMR	256	1275
>CTNNB1-A1 ASRHAIMR	314	>CTNNB1-A1 SSRHAIMR	379	65
>CTNNB1-A1 EASRHAIM	990	>CTNNB1-A1 ESSRHAIM	91	899
>CTNNB1-A1 EASRHAIMR	6	>CTNNB1-A1 ESSRHAIMR	7	1
>CTNNB1-A1 EASRHAIM	159	>CTNNB1-A1 ESSRHAIM	1497	1338
>CTNNB1-A1 VMVHQLSKK	126	>CTNNB1-A1 VMVHQLSKK	3298	3172
>CTNNB1-A1 VMVHQLSKK	395	>CTNNB1-A1 VMVHQLSKK	7927	7532
>CTNNB1-A1 VMVHQLSKK	125	>CTNNB1-A1 VMVHQLSKK	9053	8928
>CTNNB1-A1 KEASRHAI	264	>CTNNB1-A1 KESSRHAI	290	26
>CTNNB1-A1 KEASRHAIMF	746	>CTNNB1-A1 KESSRHAIMR	288	458
>CTNNB1-A1 KEASRHAIM	464	>CTNNB1-A1 KESSRHAIM	429	35
>CTNNB1-A1 KEASRHAI	49	>CTNNB1-A1 KESSRHAI	41	8
>CTNNB1-A1 KEASRHAIM	159	>CTNNB1-A1 KESSRHAIM	134	25
>CTNNB1-A1 KEASRHAI	478	>CTNNB1-A1 KESSRHAI	251	227
>CTNNB1-A1 KEASRHAI	154	>CTNNB1-A1 KESSRHAI	189	35
>CTNNB1-A1 KEASRHAIM	193	>CTNNB1-A1 KESSRHAIM	353	160
>CTNNB1-A1 KEASRHAIMF	122	>CTNNB1-A1 KESSRHAIMR	136	14
>CTNNB1-A1 KKEASRHAI	120	>CTNNB1-A1 KKESSRHAI	65	55
>CTNNB1-A1 KKEASRHAIM	93	>CTNNB1-A1 KKESSRHAIM	50	43
>CTNNB1-A1 KKEASRHAI	474	>CTNNB1-A1 KKESSRHAI	750	276
>CTNNB1-A1 KKEASRHAIM	221	>CTNNB1-A1 KKESSRHAIM	322	101

>CTNNB1-A1 SKKEASRHA	1893	>CTNNB1-A1 SKKESSRHA	462	1431
>CTNNB1-A1 SKKEASRHAI	68	>CTNNB1-A1 SKKESSRHAI	29	39
>CTNNB1-A1 SKKEASRHAI	44	>CTNNB1-A1 SKKESSRHAI	22	22
>CTNNB1-A1 LSKKEASRHA	173	>CTNNB1-A1 LSKKESSRHA	94	79
>CTNNB1-A1 LSKKEASRHA	204	>CTNNB1-A1 LSKKESSRHAI	108	96
>CTNNB1-A1 LSKKEASR	128	>CTNNB1-A1 LSKKESSR	158	30
>CTNNB1-A1 LSKKEASR	326	>CTNNB1-A1 LSKKESSR	362	36
>CTNNB1-A1 LSKKEASRHA	344	>CTNNB1-A1 LSKKESSRHAI	233	111
>CTNNB1-A1 LSKKEASRHA	259	>CTNNB1-A1 LSKKESSRHAI	363	104
>CTNNB1-A1 LSKKEASRH	43	>CTNNB1-A1 LSKKESSRH	53	10
>CTNNB1-A1 LSKKEASRHA	119	>CTNNB1-A1 LSKKESSRHAI	115	4
>CTNNB1-A1 QLSKKEASR	408	>CTNNB1-A1 QLSKKESSR	457	49
>CTNNB1-A1 HQLSKKEASR	213	>CTNNB1-A1 HQLSKKESSR	388	175
>CTNNB1-A1 HQLSKKEASR	194	>CTNNB1-A1 HQLSKKESSR	338	144
>CTNNB1-A1 MVHQLSKKE	243	>CTNNB1-A1 MVHQLSKKE	2528	2285
>CTNNB1-A1 ASRHAIMR	14	>CTNNB1-A1 TSRHAIMR	76	62
>CTNNB1-A1 ASRHAIMRS	13	>CTNNB1-A1 TSRHAIMRS	70	57
>CTNNB1-A1 ASRHAIMRSF	46	>CTNNB1-A1 TSRHAIMRSP	369	323
>CTNNB1-A1 ASRHAIMRSF	11	>CTNNB1-A1 TSRHAIMRSP	45	34
>CTNNB1-A1 ASRHAIMR	70	>CTNNB1-A1 TSRHAIMR	97	27
>CTNNB1-A1 ASRHAIMR	2858	>CTNNB1-A1 TSRHAIMR	366	2492
>CTNNB1-A1 ASRHAIMR	1531	>CTNNB1-A1 TSRHAIMR	88	1443
>CTNNB1-A1 ASRHAIMR	314	>CTNNB1-A1 TSRHAIMR	1279	965
>CTNNB1-A1 EASRHAIM	6127	>CTNNB1-A1 ETSRHAIM	198	5929
>CTNNB1-A1 EASRHAIM	990	>CTNNB1-A1 ETSRHAIM	14	976
>CTNNB1-A1 EASRHAIMR	513	>CTNNB1-A1 ETSRHAIMR	166	347
>CTNNB1-A1 EASRHAIMR	6	>CTNNB1-A1 ETSRHAIMR	3	3
>CTNNB1-A1 EASRHAIM	4333	>CTNNB1-A1 ETSRHAIM	342	3991
>CTNNB1-A1 EASRHAIM	159	>CTNNB1-A1 ETSRHAIM	2673	2514
>CTNNB1-A1 VMVHQLSKK	126	>CTNNB1-A1 VMVHQLSKK	899	773
>CTNNB1-A1 VMVHQLSKK	395	>CTNNB1-A1 VMVHQLSKK	2461	2066
>CTNNB1-A1 VMVHQLSKK	125	>CTNNB1-A1 VMVHQLSKK	1392	1267
>CTNNB1-A1 KEASRHAI	264	>CTNNB1-A1 KETSRHAI	259	5
>CTNNB1-A1 KEASRHAIM	464	>CTNNB1-A1 KETSRHAIM	1017	553
>CTNNB1-A1 KEASRHAI	49	>CTNNB1-A1 KETSRHAI	43	6
>CTNNB1-A1 KEASRHAIM	159	>CTNNB1-A1 KETSRHAIM	138	21
>CTNNB1-A1 KEASRHAI	478	>CTNNB1-A1 KETSRHAI	225	253
>CTNNB1-A1 KEASRHAI	154	>CTNNB1-A1 KETSRHAI	336	182
>CTNNB1-A1 KEASRHAIM	193	>CTNNB1-A1 KETSRHAIM	369	176
>CTNNB1-A1 KEASRHAIMF	122	>CTNNB1-A1 KETSRHAIMR	153	31
>CTNNB1-A1 KKEASRHAI	120	>CTNNB1-A1 KKETSRHAI	110	10
>CTNNB1-A1 KKEASRHAIM	93	>CTNNB1-A1 KKETSRHAIM	87	6
>CTNNB1-A1 KKEASRHAI	474	>CTNNB1-A1 KKETSRHAI	1088	614

>CTNNB1-A1 KKEASRHAIM	221	>CTNNB1-A1 KKETSRRHAIM	229	8
>CTNNB1-A1 SKKEASRHAI	68	>CTNNB1-A1 SKKETSRRHAI	40	28
>CTNNB1-A1 SKKEASRHAI	44	>CTNNB1-A1 SKKETSRRHAI	26	18
>CTNNB1-A1 LSKKEASRHA	173	>CTNNB1-A1 LSKKETSRRHA	106	67
>CTNNB1-A1 LSKKEASRHA	204	>CTNNB1-A1 LSKKETSRRHAI	133	71
>CTNNB1-A1 LSKKEASR	128	>CTNNB1-A1 LSKKETSRR	101	27
>CTNNB1-A1 LSKKEASR	326	>CTNNB1-A1 LSKKETSRR	364	38
>CTNNB1-A1 LSKKEASRHA	344	>CTNNB1-A1 LSKKETSRRHAI	288	56
>CTNNB1-A1 LSKKEASRHA	259	>CTNNB1-A1 LSKKETSRRHAI	558	299
>CTNNB1-A1 LSKKEASRH	43	>CTNNB1-A1 LSKKETSRRH	101	58
>CTNNB1-A1 LSKKEASRHA	119	>CTNNB1-A1 LSKKETSRRHAI	114	5
>CTNNB1-A1 QLSKKEASR	408	>CTNNB1-A1 QLSKKETSRR	607	199
>CTNNB1-A1 HQLSKKEASR	213	>CTNNB1-A1 HQLSKKETSRR	479	266
>CTNNB1-A1 HQLSKKEASR	194	>CTNNB1-A1 HQLSKKETSRR	195	1
>CTNNB1-A1 MVHQLSKKEASR	243	>CTNNB1-A1 MVHQLSKKETSRR	4179	3936
>CTNNB1-A2 AAVSHWQQQ	61	>CTNNB1-A2 VAVSHWQQQ	203	142
>CTNNB1-A2 AAVSHWQQQ	459	>CTNNB1-A2 VAVSHWQQQ	236	223
>CTNNB1-A2 AAVSHWQQQ	540	>CTNNB1-A2 VAVSHWQQQ	321	219
>CTNNB1-A2 AAVSHWQQQ	144	>CTNNB1-A2 VAVSHWQQQ	199	55
>CTNNB1-A2 AAVSHWQQQ	58	>CTNNB1-A2 VAVSHWQQQ	80	22
>CTNNB1-A2 AAVSHWQQQ	10	>CTNNB1-A2 VAVSHWQQQ	11	1
>CTNNB1-A2 AAVSHWQQQ	91	>CTNNB1-A2 VAVSHWQQQ	37	54
>CTNNB1-A2 AAVSHWQQQ	2471	>CTNNB1-A2 VAVSHWQQQ	485	1986
>CTNNB1-A2 AAVSHWQQQ	112	>CTNNB1-A2 VAVSHWQQQ	280	168
>CTNNB1-A2 RKAASVSHW	55	>CTNNB1-A2 RKVAVSHW	48	7
>CTNNB1-A2 RKAASVSHW	38	>CTNNB1-A2 RKVAVSHW	58	20
>CTNNB1-A2 RKAASVSHW	203	>CTNNB1-A2 RKVAVSHW	316	113
>CTNNB1-A2 EPDRKAAV	323	>CTNNB1-A2 EPDRKVAV	544	221
>CTNNB1-A2 EPDRKAAVSH	83	>CTNNB1-A2 EPDRKVAVSH	59	24
>CTNNB1-A2 EPDRKAAVSH	13	>CTNNB1-A2 EPDRKVAVSH	10	3
>CTNNB1-A2 MEPDRKAAV	112	>CTNNB1-A2 MEPDRKVAV	184	72
>CTNNB1-A2 MEPDRKAAV	196	>CTNNB1-A2 MEPDRKVAV	136	60
>CTNNB1-A2 AMEPDRKAA	346	>CTNNB1-A2 AMEPDRKVA	737	391
>CTNNB1-A2 AMEPDRKA	4669	>CTNNB1-A2 AMEPDRKV	110	4559
>CTNNB1-A2 AMEPDRKAA	46	>CTNNB1-A2 AMEPDRKVA	58	12
>CTNNB1-A2 AMEPDRKA	9374	>CTNNB1-A2 AMEPDRKV	484	8890
>CTNNB1-A2 AMEPDRKAA	71	>CTNNB1-A2 AMEPDRKVA	91	20
>CTNNB1-A2 AMEPDRKA	9781	>CTNNB1-A2 AMEPDRKV	463	9318
>CTNNB1-A2 AMEPDRKAA	514	>CTNNB1-A2 AMEPDRKVA	373	141
>CTNNB1-A2 AMEPDRKA	304	>CTNNB1-A2 AMEPDRKV	7	297
>CTNNB1-A2 AMEPDRKAA	241	>CTNNB1-A2 AMEPDRKVA	278	37
>CTNNB1-A2 AMEPDRKAA	3	>CTNNB1-A2 AMEPDRKVA	4	1
>CTNNB1-A2 MAMEPDRKA	299	>CTNNB1-A2 MAMEPDRKV	347	48

>CTNNB1-A2 MAMEPDRK\	258	>CTNNB1-A2 MAMEPDRK\	392	134
>CTNNB1-A2 MAMEPDRK\	165	>CTNNB1-A2 MAMEPDRK\	441	276
>CTNNB1-A2 MAMEPDRK\	45	>CTNNB1-A2 MAMEPDRK\	45	0
>CTNNB1-A2 MAMEPDRK\	5911	>CTNNB1-A2 MAMEPDRK\	118	5793
>CTNNB1-A2 MAMEPDRK\	35	>CTNNB1-A2 MAMEPDRK\	39	4
>CTNNB1-A2 MAMEPDRK\	453	>CTNNB1-A2 MAMEPDRK\	595	142
>CTNNB1-A2 MAMEPDRK\	76	>CTNNB1-A2 MAMEPDRK\	91	15
>CTNNB1-A2 MAMEPDRK\	108	>CTNNB1-A2 MAMEPDRK\	12	96
>CTNNB1-A2 MAMEPDRK\	7	>CTNNB1-A2 MAMEPDRK\	8	1
>CTNNB1-A2 MAMEPDRK\	1948	>CTNNB1-A2 MAMEPDRK\	114	1834
>CTNNB1-A2 MAMEPDRK\	24	>CTNNB1-A2 MAMEPDRK\	29	5
>CTNNB1-A2 MAMEPDRK\	372	>CTNNB1-A2 MAMEPDRK\	375	3
>CTNNB1-A2 MAMEPDRK\	285	>CTNNB1-A2 MAMEPDRK\	195	90
>CTNNB1-A2 DMAMEPDRI	6370	>CTNNB1-A2 DMAMEPDRI	220	6150
>CTNNB1-A2 DMAMEPDRI	8184	>CTNNB1-A2 DMAMEPDRI	265	7919
>CTNNB1-A2 DMAMEPDRI	11662	>CTNNB1-A2 DMAMEPDRI	499	11163
>CTNNB1-A2 DMAMEPDRI	10738	>CTNNB1-A2 DMAMEPDRI	151	10587
>CTNNB1-A2 AVSHWQQQ\	77	>CTNNB1-A2 TVSHWQQQ\	199	122
>CTNNB1-A2 AVSHWQQQ\	245	>CTNNB1-A2 TVSHWQQQ\	510	265
>CTNNB1-A2 AVSHWQQQ\	368	>CTNNB1-A2 TVSHWQQQ\	1422	1054
>CTNNB1-A2 AVSHWQQQ\	40	>CTNNB1-A2 TVSHWQQQ\	264	224
>CTNNB1-A2 AVSHWQQQ\	1105	>CTNNB1-A2 TVSHWQQQ\	265	840
>CTNNB1-A2 AVSHWQQQ\	163	>CTNNB1-A2 TVSHWQQQ\	139	24
>CTNNB1-A2 AVSHWQQQ\	140	>CTNNB1-A2 TVSHWQQQ\	180	40
>CTNNB1-A2 AVSHWQQQ\	488	>CTNNB1-A2 TVSHWQQQ\	26	462
>CTNNB1-A2 AVSHWQQQ\	4820	>CTNNB1-A2 TVSHWQQQ\	430	4390
>CTNNB1-A2 AVSHWQQQ\	333	>CTNNB1-A2 TVSHWQQQ\	240	93
>CTNNB1-A2 AVSHWQQQ\	121	>CTNNB1-A2 TVSHWQQQ\	235	114
>CTNNB1-A2 AVSHWQQQ\	396	>CTNNB1-A2 TVSHWQQQ\	1785	1389
>CTNNB1-A2 AVSHWQQQ\	116	>CTNNB1-A2 TVSHWQQQ\	650	534
>CTNNB1-A2 AVSHWQQQ\	378	>CTNNB1-A2 TVSHWQQQ\	568	190
>CTNNB1-A2 AVSHWQQQ\	460	>CTNNB1-A2 TVSHWQQQ\	572	112
>CTNNB1-A2 AVSHWQQQ\	282	>CTNNB1-A2 TVSHWQQQ\	825	543
>CTNNB1-A2 AAVSHWQQ\	7559	>CTNNB1-A2 ATVSHWQQ\	262	7297
>CTNNB1-A2 AAVSHWQQ\	7540	>CTNNB1-A2 ATVSHWQQ\	353	7187
>CTNNB1-A2 AAVSHWQQ\	12408	>CTNNB1-A2 ATVSHWQQ\	474	11934
>CTNNB1-A2 AAVSHWQQ\	9979	>CTNNB1-A2 ATVSHWQQ\	217	9762
>CTNNB1-A2 AAVSHWQQ\	61	>CTNNB1-A2 ATVSHWQQ\	4	57
>CTNNB1-A2 AAVSHWQQ\	459	>CTNNB1-A2 ATVSHWQQ\	62	397
>CTNNB1-A2 AAVSHWQQ\	540	>CTNNB1-A2 ATVSHWQQ\	170	370
>CTNNB1-A2 AAVSHWQQ\	144	>CTNNB1-A2 ATVSHWQQ\	108	36
>CTNNB1-A2 AAVSHWQQ\	58	>CTNNB1-A2 ATVSHWQQ\	124	66
>CTNNB1-A2 AAVSHWQQ\	10	>CTNNB1-A2 ATVSHWQQ\	5	5

>CTNNB1-A2 AAVSHWQQC	91	>CTNNB1-A2 ATVSHWQQC	1783	1692
>CTNNB1-A2 AAVSHWQQC	1405	>CTNNB1-A2 ATVSHWQQC	67	1338
>CTNNB1-A2 AAVSHWQQC	112	>CTNNB1-A2 ATVSHWQQC	124	12
>CTNNB1-A2 AAVSHWQQ	1526	>CTNNB1-A2 ATVSHWQQ	243	1283
>CTNNB1-A2 AAVSHWQQC	1084	>CTNNB1-A2 ATVSHWQQC	194	890
>CTNNB1-A2 RKA AVSHW	55	>CTNNB1-A2 RKATVSHW	42	13
>CTNNB1-A2 RKA AVSHW	38	>CTNNB1-A2 RKATVSHW	63	25
>CTNNB1-A2 RKA AVSHW	203	>CTNNB1-A2 RKATVSHW	211	8
>CTNNB1-A2 EPDRKAAV	323	>CTNNB1-A2 EPDRKATV	491	168
>CTNNB1-A2 EPDRKAAVSH	83	>CTNNB1-A2 EPDRKATVSH	71	12
>CTNNB1-A2 EPDRKAAVSH	13	>CTNNB1-A2 EPDRKATVSH	13	0
>CTNNB1-A2 MEPDRKAAV	112	>CTNNB1-A2 MEPDRKATV	79	33
>CTNNB1-A2 MEPDRKAAV	1672	>CTNNB1-A2 MEPDRKATV	412	1260
>CTNNB1-A2 MEPDRKAAV	196	>CTNNB1-A2 MEPDRKATV	203	7
>CTNNB1-A2 AMEPDRKAA	346	>CTNNB1-A2 AMEPDRKAT	262	84
>CTNNB1-A2 AMEPDRKAA	46	>CTNNB1-A2 AMEPDRKAT	36	10
>CTNNB1-A2 AMEPDRKAA	71	>CTNNB1-A2 AMEPDRKAT	48	23
>CTNNB1-A2 AMEPDRKAA	514	>CTNNB1-A2 AMEPDRKAT	211	303
>CTNNB1-A2 AMEPDRKAA	241	>CTNNB1-A2 AMEPDRKAT	2495	2254
>CTNNB1-A2 AMEPDRKAA	3	>CTNNB1-A2 AMEPDRKAT	3	0
>CTNNB1-A2 MAMEPDRK/	299	>CTNNB1-A2 MAMEPDRK/	262	37
>CTNNB1-A2 MAMEPDRK/	258	>CTNNB1-A2 MAMEPDRK/	349	91
>CTNNB1-A2 MAMEPDRK/	165	>CTNNB1-A2 MAMEPDRK/	167	2
>CTNNB1-A2 MAMEPDRK/	45	>CTNNB1-A2 MAMEPDRK/	40	5
>CTNNB1-A2 MAMEPDRK/	35	>CTNNB1-A2 MAMEPDRK/	27	8
>CTNNB1-A2 MAMEPDRK/	453	>CTNNB1-A2 MAMEPDRK/	246	207
>CTNNB1-A2 MAMEPDRK/	572	>CTNNB1-A2 MAMEPDRK/	411	161
>CTNNB1-A2 MAMEPDRK/	76	>CTNNB1-A2 MAMEPDRK/	34	42
>CTNNB1-A2 MAMEPDRK/	7	>CTNNB1-A2 MAMEPDRK/	8	1
>CTNNB1-A2 MAMEPDRK/	24	>CTNNB1-A2 MAMEPDRK/	27	3
>CTNNB1-A2 MAMEPDRK/	1133	>CTNNB1-A2 MAMEPDRK/	318	815
>CTNNB1-A2 MAMEPDRK/	372	>CTNNB1-A2 MAMEPDRK/	708	336
>CTNNB1-A2 MAMEPDRK/	285	>CTNNB1-A2 MAMEPDRK/	813	528
>CTNNB1-A3 ATTTAPSLSGI	216	>CTNNB1-A3 GTTTAPSLSG	344	128
>CTNNB1-A3 ATTTAPSLSGI	36	>CTNNB1-A3 GTTTAPSLSG	32	4
>CTNNB1-A3 ATTTAPSLSGI	51	>CTNNB1-A3 GTTTAPSLSG	528	477
>CTNNB1-A3 ATTTAPSLSGI	129	>CTNNB1-A3 GTTTAPSLSG	186	57
>CTNNB1-A3 ATTTAPSL	16	>CTNNB1-A3 GTTTAPSL	62	46
>CTNNB1-A3 ATTTAPSL	362	>CTNNB1-A3 GTTTAPSL	124	238
>CTNNB1-A3 ATTTAPSLSGI	404	>CTNNB1-A3 GTTTAPSLSG	750	346
>CTNNB1-A3 ATTTAPSL	368	>CTNNB1-A3 GTTTAPSL	913	545
>CTNNB1-A3 GATTTAPSL	272	>CTNNB1-A3 GGTTTAPSL	9414	9142
>CTNNB1-A3 GATTTAPSL	346	>CTNNB1-A3 GGTTTAPSL	3290	2944



>CTNNB1-A3 SYLDSGIHSGA	410	>CTNNB1-A3 SYLDSGIHSGA	1462	1052
>CTNNB1-A3 HSGATTTAPS	33	>CTNNB1-A3 HSGGTTTAPS	35	2
>CTNNB1-A3 GIHSGATTTA	432	>CTNNB1-A3 GIHSGGTTTA	612	180
>CTNNB1-A3 GIHSGATTTA	276	>CTNNB1-A3 GIHSGGTTTA	205	71
>CTNNB1-A3 GIHSGATTTA	362	>CTNNB1-A3 GIHSGGTTTA	322	40
>CTNNB1-A3 YLDSGIHSGA	78	>CTNNB1-A3 YLDSGIHSGG	3852	3774
>CTNNB1-A3 YLDSGIHSGA	212	>CTNNB1-A3 YLDSGIHSGG	240	28
>CTNNB1-A3 YLDSGIHSGA	24	>CTNNB1-A3 YLDSGIHSGG	1433	1409
>CTNNB1-A3 YLDSGIHSGA	284	>CTNNB1-A3 YLDSGIHSGG	375	91
>CTNNB1-A3 YLDSGIHSGA	32	>CTNNB1-A3 YLDSGIHSGG	4220	4188
>CTNNB1-A3 YLDSGIHSGA	78	>CTNNB1-A3 YLDSGIHSGG	79	1
>CTNNB1-A3 YLDSGIHSGA	280	>CTNNB1-A3 YLDSGIHSGG	12024	11744
>CTNNB1-A3 YLDSGIHSGA	178	>CTNNB1-A3 YLDSGIHSGG	174	4
>CTNNB1-A3 YLDSGIHSGA	2	>CTNNB1-A3 YLDSGIHSGG	39	37
>CTNNB1-A3 YLDSGIHSGA	12	>CTNNB1-A3 YLDSGIHSGG	11	1
>CTNNB1-A3 YLDSGIHSGA	8	>CTNNB1-A3 YLDSGIHSGG	743	735
>CTNNB1-A3 YLDSGIHSGA	83	>CTNNB1-A3 YLDSGIHSGG	89	6
>CTNNB1-A3 YLDSGIHSGA	7	>CTNNB1-A3 YLDSGIHSGG	553	546
>CTNNB1-A3 YLDSGIHSGA	121	>CTNNB1-A3 YLDSGIHSGG	55	66
>CTNNB1-A3 YLDSGIHSGA	7	>CTNNB1-A3 YLDSGIHSGG	3958	3951
>CTNNB1-A3 YLDSGIHSGA	255	>CTNNB1-A3 YLDSGIHSGG	128	127
>CTNNB1-A3 YLDSGIHSGA	2	>CTNNB1-A3 YLDSGIHSGG	98	96
>CTNNB1-A3 YLDSGIHSGA	36	>CTNNB1-A3 YLDSGIHSGG	21	15
>CTNNB1-A3 ATTTAPSLSGI	216	>CTNNB1-A3 TTTTAPSLSGI	286	70
>CTNNB1-A3 ATTTAPSLSGI	36	>CTNNB1-A3 TTTTAPSLSGI	30	6
>CTNNB1-A3 ATTTAPSLSGI	51	>CTNNB1-A3 TTTTAPSLSGI	469	418
>CTNNB1-A3 ATTTAPSLSGI	129	>CTNNB1-A3 TTTTAPSLSGI	9	120
>CTNNB1-A3 ATTTAPSL	3653	>CTNNB1-A3 TTTTAPSL	196	3457
>CTNNB1-A3 ATTTAPSL	4093	>CTNNB1-A3 TTTTAPSL	365	3728
>CTNNB1-A3 ATTTAPSL	16	>CTNNB1-A3 TTTTAPSL	55	39
>CTNNB1-A3 ATTTAPSL	535	>CTNNB1-A3 TTTTAPSL	450	85
>CTNNB1-A3 ATTTAPSL	1096	>CTNNB1-A3 TTTTAPSL	354	742
>CTNNB1-A3 ATTTAPSL	362	>CTNNB1-A3 TTTTAPSL	476	114
>CTNNB1-A3 ATTTAPSLSGI	404	>CTNNB1-A3 TTTTAPSLSGI	1531	1127
>CTNNB1-A3 ATTTAPSL	368	>CTNNB1-A3 TTTTAPSL	697	329
>CTNNB1-A3 GATTTAPSL	272	>CTNNB1-A3 GTTTTAPSL	22	250
>CTNNB1-A3 GATTTAPSL	346	>CTNNB1-A3 GTTTTAPSL	35	311
>CTNNB1-A3 GATTTAPSL	1097	>CTNNB1-A3 GTTTTAPSL	42	1055
>CTNNB1-A3 SYLDSGIHSGA	410	>CTNNB1-A3 SYLDSGIHSGA	1472	1062
>CTNNB1-A3 HSGATTTAPS	33	>CTNNB1-A3 HSGTTTTAPS	68	35
>CTNNB1-A3 GIHSGATTTA	432	>CTNNB1-A3 GIHSGTTTTA	368	64
>CTNNB1-A3 GIHSGATTTA	276	>CTNNB1-A3 GIHSGTTTTA	174	102
>CTNNB1-A3 GIHSGATTTA	362	>CTNNB1-A3 GIHSGTTTTA	236	126

>CTNNB1-A3 YLDSGIHSGA	78	>CTNNB1-A3 YLDSGIHSGT	282	204
>CTNNB1-A3 YLDSGIHSGA'	212	>CTNNB1-A3 YLDSGIHSGT	200	12
>CTNNB1-A3 YLDSGIHSGA	24	>CTNNB1-A3 YLDSGIHSGT	58	34
>CTNNB1-A3 YLDSGIHSGA'	284	>CTNNB1-A3 YLDSGIHSGT	545	261
>CTNNB1-A3 YLDSGIHSGA	32	>CTNNB1-A3 YLDSGIHSGT	66	34
>CTNNB1-A3 YLDSGIHSGA'	78	>CTNNB1-A3 YLDSGIHSGT	91	13
>CTNNB1-A3 YLDSGIHSGA	280	>CTNNB1-A3 YLDSGIHSGT	1024	744
>CTNNB1-A3 YLDSGIHSGA'	178	>CTNNB1-A3 YLDSGIHSGT	333	155
>CTNNB1-A3 YLDSGIHSGA	2	>CTNNB1-A3 YLDSGIHSGT	5	3
>CTNNB1-A3 YLDSGIHSGA'	12	>CTNNB1-A3 YLDSGIHSGT	9	3
>CTNNB1-A3 YLDSGIHSGA	8	>CTNNB1-A3 YLDSGIHSGT	59	51
>CTNNB1-A3 YLDSGIHSGA'	83	>CTNNB1-A3 YLDSGIHSGT	55	28
>CTNNB1-A3 YLDSGIHSGA	7	>CTNNB1-A3 YLDSGIHSGT	22	15
>CTNNB1-A3 YLDSGIHSGA'	121	>CTNNB1-A3 YLDSGIHSGT	46	75
>CTNNB1-A3 YLDSGIHSGA	7	>CTNNB1-A3 YLDSGIHSGT	29	22
>CTNNB1-A3 YLDSGIHSGA'	255	>CTNNB1-A3 YLDSGIHSGT	150	105
>CTNNB1-A3 YLDSGIHSGA	2	>CTNNB1-A3 YLDSGIHSGT	4	2
>CTNNB1-A3 YLDSGIHSGA'	36	>CTNNB1-A3 YLDSGIHSGT	15	21
>CTNNB1-A4 TAPSLSGK	164	>CTNNB1-A4 TAPPSLSGK	4777	4613
>CTNNB1-A4 TTAPSLSGK	86	>CTNNB1-A4 TTPPSLSGK	576	490
>CTNNB1-A4 TTAPSLSGK	10	>CTNNB1-A4 TTPPSLSGK	33	23
>CTNNB1-A4 TTAPSLSGK	5	>CTNNB1-A4 TTPPSLSGK	41	36
>CTNNB1-A4 TTAPSLSG	5083	>CTNNB1-A4 TTPPSLSG	67	5016
>CTNNB1-A4 TTAPSLSGK	8790	>CTNNB1-A4 TTPPSLSGK	139	8651
>CTNNB1-A4 TTAPSLSGKG	8523	>CTNNB1-A4 TTPPSLSGKG	136	8387
>CTNNB1-A4 TTAPSLSGKG	14305	>CTNNB1-A4 TTPPSLSGKG	486	13819
>CTNNB1-A4 TTAPSLSGK	198	>CTNNB1-A4 TTPPSLSGK	1746	1548
>CTNNB1-A4 TTTAPSLSGK	59	>CTNNB1-A4 TTTPPSLSGK	52	7
>CTNNB1-A4 TTTAPSLSGK	15	>CTNNB1-A4 TTTPPSLSGK	17	2
>CTNNB1-A4 TTTAPSLSGK	439	>CTNNB1-A4 TTTPPSLSGK	453	14
>CTNNB1-A4 TTTAPSLSGK	8	>CTNNB1-A4 TTTPPSLSGK	13	5
>CTNNB1-A4 TTTAPSL	338	>CTNNB1-A4 TTTPPSL	314	24
>CTNNB1-A4 ATTTAPSLSGI	216	>CTNNB1-A4 ATTTPPSLSGI	149	67
>CTNNB1-A4 ATTTAPSLSGI	36	>CTNNB1-A4 ATTTPPSLSGI	29	7
>CTNNB1-A4 ATTTAPSLSGI	51	>CTNNB1-A4 ATTTPPSLSGI	154	103
>CTNNB1-A4 ATTTAPSLSGI	129	>CTNNB1-A4 ATTTPPSLSGI	192	63
>CTNNB1-A4 ATTTAPSL	16	>CTNNB1-A4 ATTTPPSL	18	2
>CTNNB1-A4 ATTTAPSL	362	>CTNNB1-A4 ATTTPPSL	132	230
>CTNNB1-A4 ATTTAPSLGI	404	>CTNNB1-A4 ATTTPPSLGI	466	62
>CTNNB1-A4 ATTTAPSL	368	>CTNNB1-A4 ATTTPPSL	372	4
>CTNNB1-A4 GATTTAPSL	272	>CTNNB1-A4 GATTTPPSL	980	708
>CTNNB1-A4 GATTTAPSL	346	>CTNNB1-A4 GATTTPPSL	1189	843
>CTNNB1-A4 HSGATTTAPS	33	>CTNNB1-A4 HSGATTTPPS	53	20

>CTNNB1-A4 GIHSGATTTA	432	>CTNNB1-A4 GIHSGATTTTP	15214	14782
>CTNNB1-A4 GIHSGATTTA	276	>CTNNB1-A4 GIHSGATTTTP	14942	14666
>CTNNB1-A4 GIHSGATTTA	362	>CTNNB1-A4 GIHSGATTTTP	25726	25364
>CTNNB1-A4 TAPSLSGK	663	>CTNNB1-A4 TTPSLSGK	74	589
>CTNNB1-A4 TAPSLSGK	164	>CTNNB1-A4 TTPSLSGK	39	125
>CTNNB1-A4 TAPSLSGKG	6127	>CTNNB1-A4 TTPSLSGKG	465	5662
>CTNNB1-A4 TTAPSLSGK	86	>CTNNB1-A4 TTTPSLSGK	246	160
>CTNNB1-A4 TTAPSLSGK	10	>CTNNB1-A4 TTTPSLSGK	16	6
>CTNNB1-A4 TTAPSLSGK	5	>CTNNB1-A4 TTTPSLSGK	9	4
>CTNNB1-A4 TTAPSLSGK	198	>CTNNB1-A4 TTTPSLSGK	575	377
>CTNNB1-A4 TTTAPSLSGK	59	>CTNNB1-A4 TTTTPSLSGK	62	3
>CTNNB1-A4 TTTAPSLSGK	15	>CTNNB1-A4 TTTTPSLSGK	17	2
>CTNNB1-A4 TTTAPSLSGK	439	>CTNNB1-A4 TTTTPSLSGK	630	191
>CTNNB1-A4 TTTAPSLSGK	8	>CTNNB1-A4 TTTTPSLSGK	12	4
>CTNNB1-A4 TTTAPSLSL	338	>CTNNB1-A4 TTTTPSLSL	732	394
>CTNNB1-A4 ATTTAPSLSGI	216	>CTNNB1-A4 ATTTTPSLSGI	222	6
>CTNNB1-A4 ATTTAPSLSGI	36	>CTNNB1-A4 ATTTTPSLSGI	32	4
>CTNNB1-A4 ATTTAPSLSGI	51	>CTNNB1-A4 ATTTTPSLSGI	51	0
>CTNNB1-A4 ATTTAPSLSGI	129	>CTNNB1-A4 ATTTTPSLSGI	148	19
>CTNNB1-A4 ATTTAPSL	16	>CTNNB1-A4 ATTTTPSL	17	1
>CTNNB1-A4 ATTTAPSL	1096	>CTNNB1-A4 ATTTTPSL	483	613
>CTNNB1-A4 ATTTAPSLSL	362	>CTNNB1-A4 ATTTTPSLSL	154	208
>CTNNB1-A4 ATTTAPSLSGI	404	>CTNNB1-A4 ATTTTPSLSGI	310	94
>CTNNB1-A4 ATTTAPSL	368	>CTNNB1-A4 ATTTTPSL	318	50
>CTNNB1-A4 GATTTAPSL	272	>CTNNB1-A4 GATTTTPSL	839	567
>CTNNB1-A4 GATTTAPSL	346	>CTNNB1-A4 GATTTTPSL	347	1
>CTNNB1-A4 HSGATTTAPS	984	>CTNNB1-A4 HSGATTTTPS	487	497
>CTNNB1-A4 HSGATTTAPS	33	>CTNNB1-A4 HSGATTTTPS	44	11
>CTNNB1-A4 HSGATTTAPS	654	>CTNNB1-A4 HSGATTTTPS	401	253
>CTNNB1-A4 GIHSGATTTA	432	>CTNNB1-A4 GIHSGATTTT	1446	1014
>CTNNB1-A4 GIHSGATTTA	276	>CTNNB1-A4 GIHSGATTTT	715	439
>CTNNB1-A4 GIHSGATTTA	362	>CTNNB1-A4 GIHSGATTTT	4206	3844
>CTNNB1-A4 TAPSLSGK	663	>CTNNB1-A4 TVPSLSGK	97	566
>CTNNB1-A4 TAPSLSGK	164	>CTNNB1-A4 TVPSLSGK	95	69
>CTNNB1-A4 SGIHSGATTT,	5002	>CTNNB1-A4 SGIHSGATTT'	492	4510
>CTNNB1-A4 TTAPSLSGK	86	>CTNNB1-A4 TTVPSLSGK	245	159
>CTNNB1-A4 TTAPSLSGK	10	>CTNNB1-A4 TTVPSLSGK	13	3
>CTNNB1-A4 TTAPSLSGK	5	>CTNNB1-A4 TTVPSLSGK	8	3
>CTNNB1-A4 TTAPSLSGK	198	>CTNNB1-A4 TTVPSLSGK	384	186
>CTNNB1-A4 TTTAPSLSGK	59	>CTNNB1-A4 TTTVPSLSGK	100	41
>CTNNB1-A4 TTTAPSLSGK	15	>CTNNB1-A4 TTTVPSLSGK	22	7
>CTNNB1-A4 TTTAPSLSGK	439	>CTNNB1-A4 TTTVPSLSGK	632	193
>CTNNB1-A4 TTTAPSLSGK	8	>CTNNB1-A4 TTTVPSLSGK	14	6

>CTNNB1-A4 TTTAPSL	338	>CTNNB1-A4 TTTVPSLS	846	508
>CTNNB1-A4 ATTTAPSLSGI	216	>CTNNB1-A4 ATTTVPSLSGI	137	79
>CTNNB1-A4 ATTTAPSLSGI	36	>CTNNB1-A4 ATTTVPSLSGI	24	12
>CTNNB1-A4 ATTTAPSL	838	>CTNNB1-A4 ATTTVPSL	498	340
>CTNNB1-A4 ATTTAPSLSGI	51	>CTNNB1-A4 ATTTVPSLSGI	128	77
>CTNNB1-A4 ATTTAPSL	1253	>CTNNB1-A4 ATTTVPSL	476	777
>CTNNB1-A4 ATTTAPSLSGI	129	>CTNNB1-A4 ATTTVPSLSGI	60	69
>CTNNB1-A4 ATTTAPSL	16	>CTNNB1-A4 ATTTVPSL	44	28
>CTNNB1-A4 ATTTAPSL	362	>CTNNB1-A4 ATTTVPSLS	133	229
>CTNNB1-A4 ATTTAPSLSGI	404	>CTNNB1-A4 ATTTVPSLSGI	433	29
>CTNNB1-A4 ATTTAPSL	368	>CTNNB1-A4 ATTTVPSL	495	127
>CTNNB1-A4 GATTTAPSL	272	>CTNNB1-A4 GATTTVPSL	579	307
>CTNNB1-A4 GATTTAPSL	346	>CTNNB1-A4 GATTTVPSL	273	73
>CTNNB1-A4 HSGATTTA	4911	>CTNNB1-A4 HSGATTTV	388	4523
>CTNNB1-A4 HSGATTTA	7851	>CTNNB1-A4 HSGATTTV	433	7418
>CTNNB1-A4 HSGATTTAPS	33	>CTNNB1-A4 HSGATTTVPS	43	10
>CTNNB1-A4 GIHSGATTTA	432	>CTNNB1-A4 GIHSGATTTV	74	358
>CTNNB1-A4 GIHSGATTTA	276	>CTNNB1-A4 GIHSGATTTV	45	231
>CTNNB1-A4 GIHSGATTTA	2515	>CTNNB1-A4 GIHSGATTTV	31	2484
>CTNNB1-A4 GIHSGATTTA	6211	>CTNNB1-A4 GIHSGATTTV	179	6032
>CTNNB1-A4 GIHSGATTTA	3137	>CTNNB1-A4 GIHSGATTTV	37	3100
>CTNNB1-A4 GIHSGATTTA	362	>CTNNB1-A4 GIHSGATTTV	5	357
>CTNNB1-A5 ADLMELDMA	112	>CTNNB1-A5 VDLMELDMA	541	429
>CTNNB1-A5 ADLMELDMA	493	>CTNNB1-A5 VDLMELDMA	1013	520
>CTNNB1-A5 QADLMELDM	51	>CTNNB1-A5 QVDLMELDM	191	140
>CTNNB1-A5 TQADLMEL	123	>CTNNB1-A5 TQVDLMEL	427	304
>CTNNB1-A5 TQADLMEL	21	>CTNNB1-A5 TQVDLMEL	102	81
>CTNNB1-A5 TQADLMELD	164	>CTNNB1-A5 TQVDLMELD	792	628
>CTNNB1-A5 TQADLMEL	131	>CTNNB1-A5 TQVDLMEL	343	212
>CTNNB1-A5 TQADLMELD	272	>CTNNB1-A5 TQVDLMELD	654	382
>CTNNB1-A5 TQADLMEL	13	>CTNNB1-A5 TQVDLMEL	10	3
>CTNNB1-A5 TQADLMELD	29	>CTNNB1-A5 TQVDLMELD	21	8
>CTNNB1-A5 TQADLMEL	83	>CTNNB1-A5 TQVDLMEL	88	5
>CTNNB1-A5 ATQADLMEL	465	>CTNNB1-A5 ATQVDLMEL	2320	1855
>CTNNB1-A5 ATQADLMEL	353	>CTNNB1-A5 ATQVDLMEL	1204	851
>CTNNB1-A5 ATQADLMEL	436	>CTNNB1-A5 ATQVDLMEL	1274	838
>CTNNB1-A5 ATQADLMEL	84	>CTNNB1-A5 ATQVDLMEL	127	43
>CTNNB1-A5 ATQADLMELI	111	>CTNNB1-A5 ATQVDLMELI	136	25
>CTNNB1-A5 MATQADLMI	466	>CTNNB1-A5 MATQVDLMI	585	119
>CTNNB1-A5 MATQADLMI	339	>CTNNB1-A5 MATQVDLMI	356	17
>CTNNB1-A5 MATQADLM	283	>CTNNB1-A5 MATQVDLM	1077	794
>CTNNB1-A5 MATQADLMI	122	>CTNNB1-A5 MATQVDLMI	438	316
>CTNNB1-A5 MATQADLM	19	>CTNNB1-A5 MATQVDLM	24	5

>CTNNB1-A5 MATQADLM	491	>CTNNB1-A5 MATQVDLM	315	176
>CTNNB1-A5 MATQADLM	199	>CTNNB1-A5 MATQVDLM	85	114
>CTNNB1-A5 MATQADLMI	283	>CTNNB1-A5 MATQVDLMI	135	148
>CTNNB1-A5 MATQADLM	459	>CTNNB1-A5 MATQVDLM	552	93
>CTNNB1-A6 APLTELLHSR	1678	>CTNNB1-A6 TPLTELLHSR	389	1289
>CTNNB1-A6 TAPLTELLHSF	76	>CTNNB1-A6 TPPLTELLHSR	22	54
>CTNNB1-A6 TAPLTEL	592	>CTNNB1-A6 TPPLTELL	110	482
>CTNNB1-A6 TAPLTEL	11	>CTNNB1-A6 TPPLTELL	3	8
>CTNNB1-A6 TAPLTELLH	4161	>CTNNB1-A6 TPPLTELLH	212	3949
>CTNNB1-A6 TAPLTELLHS	4086	>CTNNB1-A6 TPPLTELLHS	274	3812
>CTNNB1-A6 TAPLTELLHSF	3952	>CTNNB1-A6 TPPLTELLHSR	302	3650
>CTNNB1-A6 AEAIEAEGAT	13	>CTNNB1-A6 AEAIEAEGAT	48	35
>CTNNB1-A6 ATAPLTEL	19	>CTNNB1-A6 ATTPLTEL	200	181
>CTNNB1-A6 ATAPLTELL	8	>CTNNB1-A6 ATTPLTELL	59	51
>CTNNB1-A6 ATAPLTEL	322	>CTNNB1-A6 ATTPLTEL	2365	2043
>CTNNB1-A6 ATAPLTEL	123	>CTNNB1-A6 ATTPLTEL	360	237
>CTNNB1-A6 ATAPLTELL	191	>CTNNB1-A6 ATTPLTELL	551	360
>CTNNB1-A6 ATAPLTELL	218	>CTNNB1-A6 ATTPLTELL	398	180
>CTNNB1-A6 ATAPLTEL	36	>CTNNB1-A6 ATTPLTEL	212	176
>CTNNB1-A6 ATAPLTELL	14	>CTNNB1-A6 ATTPLTELL	53	39
>CTNNB1-A6 ATAPLTEL	12	>CTNNB1-A6 ATTPLTEL	13	1
>CTNNB1-A6 ATAPLTELL	35	>CTNNB1-A6 ATTPLTELL	40	5
>CTNNB1-A6 ATAPLTELL	236	>CTNNB1-A6 ATTPLTELL	593	357
>CTNNB1-A6 ATAPLTELL	7	>CTNNB1-A6 ATTPLTELL	6	1
>CTNNB1-A6 ATAPLTELL	40	>CTNNB1-A6 ATTPLTELL	43	3
>CTNNB1-A6 ATAPLTELLH	291	>CTNNB1-A6 ATTPLTELLH	708	417
>CTNNB1-A6 ATAPLTEL	141	>CTNNB1-A6 ATTPLTEL	444	303
>CTNNB1-A6 ATAPLTELL	58	>CTNNB1-A6 ATTPLTELL	149	91
>CTNNB1-A6 GATAPLTELL	283	>CTNNB1-A6 GATTPLTELL	346	63
>CTNNB1-A6 GATAPLTEL	550	>CTNNB1-A6 GATTPLTEL	373	177
>CTNNB1-A6 EGATAPLTELI	203	>CTNNB1-A6 EGATTPLTELI	427	224
>CTNNB1-A6 AEGATAPL	25	>CTNNB1-A6 AEGATTPL	39	14
>CTNNB1-A6 AEGATAPLTE	54	>CTNNB1-A6 AEGATTPLTE	86	32
>CTNNB1-A6 AEGATAPL	76	>CTNNB1-A6 AEGATTPL	30	46
>CTNNB1-A6 AEGATAPLT	788	>CTNNB1-A6 AEGATTPLT	411	377
>CTNNB1-A6 AEGATAPLTE	80	>CTNNB1-A6 AEGATTPLTE	72	8
>CTNNB1-A6 AEGATAPLTE	316	>CTNNB1-A6 AEGATTPLTE	309	7
>CTNNB1-A6 AEGATAPL	318	>CTNNB1-A6 AEGATTPL	406	88
>CTNNB1-A6 AEGATAPLTE	338	>CTNNB1-A6 AEGATTPLTE	411	73
>CTNNB1-A6 AEGATAPL	55	>CTNNB1-A6 AEGATTPL	70	15
>CTNNB1-A6 AEGATAPLT	14	>CTNNB1-A6 AEGATTPLT	16	2
>CTNNB1-A6 AEGATAPLTE	266	>CTNNB1-A6 AEGATTPLTE	470	204
>CTNNB1-A6 AEGATAPLTE	75	>CTNNB1-A6 AEGATTPLTE	95	20

>CTNNB1-A6 AEGATAPL	392	>CTNNB1-A6 AEGATTPL	418	26
>CTNNB1-A6 AEGATAPLT	218	>CTNNB1-A6 AEGATTPLT	78	140
>CTNNB1-A6 AEGATAPLTE	38	>CTNNB1-A6 AEGATTPLTE	22	16
>CTNNB1-A6 EAEGATAPL	38	>CTNNB1-A6 EAEGATTPL	93	55
>CTNNB1-A6 EAEGATAPL	65	>CTNNB1-A6 EAEGATTPL	186	121
>CTNNB1-A6 EAEGATAPL	77	>CTNNB1-A6 EAEGATTPL	75	2
>CTNNB1-A6 EAEGATAPL	350	>CTNNB1-A6 EAEGATTPL	1133	783
>CTNNB1-A6 IEAEGATA	270	>CTNNB1-A6 IEAEGATT	358	88
>CTNNB1-A6 IEAEGATAPL	87	>CTNNB1-A6 IEAEGATTPL	101	14
>CTNNB1-A6 IEAEGATA	484	>CTNNB1-A6 IEAEGATT	1069	585
>CTNNB1-A6 IEAEGATAPL	123	>CTNNB1-A6 IEAEGATTPL	315	192
>CTNNB1-A6 IEAEGATAPL	149	>CTNNB1-A6 IEAEGATTPL	119	30
>CTNNB1-A6 IEAEGATA	169	>CTNNB1-A6 IEAEGATT	1374	1205
>CTNNB1-A6 IEAEGATAPL	787	>CTNNB1-A6 IEAEGATTPL	336	451
>CTNNB1-A6 IEAEGATAPLT	116	>CTNNB1-A6 IEAEGATTPLT	64	52
>CTNNB1-A6 AIEAEGATAP	127	>CTNNB1-A6 AIEAEGATTPI	146	19
>CTNNB1-A6 AIEAEGATAP	213	>CTNNB1-A6 AIEAEGATTPI	290	77
>CTNNB1-A6 EAIEAEGATA	110	>CTNNB1-A6 EAIEAEGATT	305	195
>CTNNB1-A6 EAIEAEGATA	335	>CTNNB1-A6 EAIEAEGATT	2236	1901
>CTNNB1-D1 DMAMEPDR	6709	>CTNNB1-D1 NMAMEPDR	240	6469
>CTNNB1-D1 DMAMEPDR	291	>CTNNB1-D1 NMAMEPDR	1982	1691
>CTNNB1-D1 DMAMEPDR	128	>CTNNB1-D1 NMAMEPDR	156	28
>CTNNB1-D1 ELDMAMEPC	813	>CTNNB1-D1 ELNMAMEPC	393	420
>CTNNB1-D1 ELDMAMEPC	1089	>CTNNB1-D1 ELNMAMEPC	198	891
>CTNNB1-D1 MELDMAME	385	>CTNNB1-D1 MELNMAME	519	134
>CTNNB1-D1 MELDMAME	395	>CTNNB1-D1 MELNMAME	467	72
>CTNNB1-D1 LMELDMAM	399	>CTNNB1-D1 LMELNMAM	571	172
>CTNNB1-D1 DLMELDMA	755	>CTNNB1-D1 DLMELNMA	423	332
>CTNNB1-D1 DLMELDMA	477	>CTNNB1-D1 DLMELNMA	472	5
>CTNNB1-D1 DLMELDMA	223	>CTNNB1-D1 DLMELNMA	157	66
>CTNNB1-D1 DLMELDMAN	317	>CTNNB1-D1 DLMELNMAN	122	195
>CTNNB1-D1 DLMELDMAN	317	>CTNNB1-D1 DLMELNMAN	283	34
>CTNNB1-D1 DLMELDMAN	450	>CTNNB1-D1 DLMELNMAN	176	274
>CTNNB1-D1 DLMELDMA	973	>CTNNB1-D1 DLMELNMA	243	730
>CTNNB1-D1 DLMELDMAN	442	>CTNNB1-D1 DLMELNMAN	31	411
>CTNNB1-D1 DLMELDMAN	71	>CTNNB1-D1 DLMELNMAN	213	142
>CTNNB1-D1 ADLMELDMA	112	>CTNNB1-D1 ADLMELNMA	90	22
>CTNNB1-D1 ADLMELDMA	493	>CTNNB1-D1 ADLMELNMA	670	177
>CTNNB1-D1 QADLMELDN	51	>CTNNB1-D1 QADLMELNN	82	31
>CTNNB1-D1 TQADLMELD	1676	>CTNNB1-D1 TQADLMELN	491	1185
>CTNNB1-D1 TQADLMELD	164	>CTNNB1-D1 TQADLMELN	128	36
>CTNNB1-D1 TQADLMELD	272	>CTNNB1-D1 TQADLMELN	134	138
>CTNNB1-D1 TQADLMELD	29	>CTNNB1-D1 TQADLMELN	29	0

>CTNNB1-D1 ATQADLMELI	506	>CTNNB1-D1 ATQADLMELI	227	279
>CTNNB1-D1 ATQADLMELI	111	>CTNNB1-D1 ATQADLMELI	32	79
>CTNNB1-D1 ATQADLMELI	733	>CTNNB1-D1 ATQADLMELI	378	355
>CTNNB1-D1 DRKAAVSHW	4007	>CTNNB1-D1 HRKAAVSHW	430	3577
>CTNNB1-D1 DRKAAVSH	4443	>CTNNB1-D1 HRKAAVSH	265	4178
>CTNNB1-D1 DRKAAVSHW	9222	>CTNNB1-D1 HRKAAVSHW	200	9022
>CTNNB1-D1 DRKAAVSHW	13961	>CTNNB1-D1 HRKAAVSHW	373	13588
>CTNNB1-D1 PDRKAAVSHI	9344	>CTNNB1-D1 PHRKAAVSHI	306	9038
>CTNNB1-D1 EPDRKAAV	323	>CTNNB1-D1 EPHRKAAV	3304	2981
>CTNNB1-D1 EPDRKAAV	880	>CTNNB1-D1 EPHRKAAV	200	680
>CTNNB1-D1 EPDRKAAV	2199	>CTNNB1-D1 EPHRKAAV	60	2139
>CTNNB1-D1 EPDRKAAVSH	83	>CTNNB1-D1 EPHRKAAVSH	114	31
>CTNNB1-D1 EPDRKAAVSH	13	>CTNNB1-D1 EPHRKAAVSH	11	2
>CTNNB1-D1 MEPDRKAAV	112	>CTNNB1-D1 MEPHRKAAV	40	72
>CTNNB1-D1 MEPDRKAAV	196	>CTNNB1-D1 MEPHRKAAV	314	118
>CTNNB1-D1 AMEPDRKAA	346	>CTNNB1-D1 AMEPHRKAA	331	15
>CTNNB1-D1 AMEPDRKAA	46	>CTNNB1-D1 AMEPHRKAA	47	1
>CTNNB1-D1 AMEPDRKAA	71	>CTNNB1-D1 AMEPHRKAA	132	61
>CTNNB1-D1 AMEPDRKA	304	>CTNNB1-D1 AMEPHRKA	254	50
>CTNNB1-D1 AMEPDRKAA	241	>CTNNB1-D1 AMEPHRKAA	319	78
>CTNNB1-D1 AMEPDRKAA	3	>CTNNB1-D1 AMEPHRKAA	5	2
>CTNNB1-D1 MAMEPDRK/	299	>CTNNB1-D1 MAMEPHRK/	474	175
>CTNNB1-D1 MAMEPDRK/	258	>CTNNB1-D1 MAMEPHRK/	286	28
>CTNNB1-D1 MAMEPDRK/	165	>CTNNB1-D1 MAMEPHRK/	101	64
>CTNNB1-D1 MAMEPDRK/	45	>CTNNB1-D1 MAMEPHRK/	50	5
>CTNNB1-D1 MAMEPDRK/	35	>CTNNB1-D1 MAMEPHRK/	29	6
>CTNNB1-D1 MAMEPDRK/	453	>CTNNB1-D1 MAMEPHRK/	688	235
>CTNNB1-D1 MAMEPDRK/	76	>CTNNB1-D1 MAMEPHRK/	83	7
>CTNNB1-D1 MAMEPDRK	1474	>CTNNB1-D1 MAMEPHRK	208	1266
>CTNNB1-D1 MAMEPDRK	62	>CTNNB1-D1 MAMEPHRK	22	40
>CTNNB1-D1 MAMEPDRK	2659	>CTNNB1-D1 MAMEPHRK	200	2459
>CTNNB1-D1 MAMEPDRK	45	>CTNNB1-D1 MAMEPHRK	19	26
>CTNNB1-D1 MAMEPDRK/	108	>CTNNB1-D1 MAMEPHRK/	129	21
>CTNNB1-D1 MAMEPDRK/	7	>CTNNB1-D1 MAMEPHRK/	8	1
>CTNNB1-D1 MAMEPDRK/	1948	>CTNNB1-D1 MAMEPHRK/	233	1715
>CTNNB1-D1 MAMEPDRK/	1291	>CTNNB1-D1 MAMEPHRK/	416	875
>CTNNB1-D1 MAMEPDRK/	24	>CTNNB1-D1 MAMEPHRK/	16	8
>CTNNB1-D1 MAMEPDRK/	667	>CTNNB1-D1 MAMEPHRK/	347	320
>CTNNB1-D1 MAMEPDRK/	372	>CTNNB1-D1 MAMEPHRK/	735	363
>CTNNB1-D1 MAMEPDRK/	285	>CTNNB1-D1 MAMEPHRK/	210	75
>CTNNB1-D1 DMAMEPDR	291	>CTNNB1-D1 DMAMEPHR	63	228
>CTNNB1-D1 DMAMEPDR	128	>CTNNB1-D1 DMAMEPHR	73	55
>CTNNB1-D1 DMAMEPDR	564	>CTNNB1-D1 DMAMEPHRI	240	324

>CTNNB1-D1 DMAMEPDR	3261	>CTNNB1-D1 DMAMEPHR	481	2780
>CTNNB1-D1 MELDMAME	395	>CTNNB1-D1 MELDMAME	313	82
>CTNNB1-D1 MELDMAME	525	>CTNNB1-D1 MELDMAME	168	357
>CTNNB1-D3 LDSDGIHSGA	11478	>CTNNB1-D3 LASGIHSGA	299	11179
>CTNNB1-D3 YLSDGIHS	603	>CTNNB1-D3 YLASGIHS	427	176
>CTNNB1-D3 YLSDGIHSGA	78	>CTNNB1-D3 YLASGIHSGA	66	12
>CTNNB1-D3 YLSDGIHSGA	212	>CTNNB1-D3 YLASGIHSGA	154	58
>CTNNB1-D3 YLSDGIHS	1509	>CTNNB1-D3 YLASGIHS	93	1416
>CTNNB1-D3 YLSDGIHSG	278	>CTNNB1-D3 YLASGIHSG	19	259
>CTNNB1-D3 YLSDGIHSGA	24	>CTNNB1-D3 YLASGIHSGA	11	13
>CTNNB1-D3 YLSDGIHSGA	284	>CTNNB1-D3 YLASGIHSGA	21	263
>CTNNB1-D3 YLSDGIHS	2792	>CTNNB1-D3 YLASGIHS	78	2714
>CTNNB1-D3 YLSDGIHSG	1353	>CTNNB1-D3 YLASGIHSG	32	1321
>CTNNB1-D3 YLSDGIHSGA	32	>CTNNB1-D3 YLASGIHSGA	14	18
>CTNNB1-D3 YLSDGIHSGA	78	>CTNNB1-D3 YLASGIHSGA	5	73
>CTNNB1-D3 YLSDGIHS	419	>CTNNB1-D3 YLASGIHS	229	190
>CTNNB1-D3 YLSDGIHSG	570	>CTNNB1-D3 YLASGIHSG	321	249
>CTNNB1-D3 YLSDGIHSGA	280	>CTNNB1-D3 YLASGIHSGA	197	83
>CTNNB1-D3 YLSDGIHSGA	178	>CTNNB1-D3 YLASGIHSGA	103	75
>CTNNB1-D3 YLSDGIHS	47	>CTNNB1-D3 YLASGIHS	108	61
>CTNNB1-D3 YLSDGIHSG	15	>CTNNB1-D3 YLASGIHSG	27	12
>CTNNB1-D3 YLSDGIHSGA	2	>CTNNB1-D3 YLASGIHSGA	3	1
>CTNNB1-D3 YLSDGIHSGA	12	>CTNNB1-D3 YLASGIHSGA	22	10
>CTNNB1-D3 YLSDGIHS	395	>CTNNB1-D3 YLASGIHS	1081	686
>CTNNB1-D3 YLSDGIHSG	139	>CTNNB1-D3 YLASGIHSG	324	185
>CTNNB1-D3 YLSDGIHSGA	8	>CTNNB1-D3 YLASGIHSGA	16	8
>CTNNB1-D3 YLSDGIHSGA	83	>CTNNB1-D3 YLASGIHSGA	244	161
>CTNNB1-D3 YLSDGIHS	101	>CTNNB1-D3 YLASGIHS	119	18
>CTNNB1-D3 YLSDGIHSG	140	>CTNNB1-D3 YLASGIHSG	150	10
>CTNNB1-D3 YLSDGIHSGA	7	>CTNNB1-D3 YLASGIHSGA	7	0
>CTNNB1-D3 YLSDGIHSGA	121	>CTNNB1-D3 YLASGIHSGA	145	24
>CTNNB1-D3 YLSDGIHSGA	7	>CTNNB1-D3 YLASGIHSGA	5	2
>CTNNB1-D3 YLSDGIHSGA	255	>CTNNB1-D3 YLASGIHSGA	183	72
>CTNNB1-D3 YLSDGIHS	66	>CTNNB1-D3 YLASGIHS	21	45
>CTNNB1-D3 YLSDGIHSG	13	>CTNNB1-D3 YLASGIHSG	7	6
>CTNNB1-D3 YLSDGIHSGA	2	>CTNNB1-D3 YLASGIHSGA	2	0
>CTNNB1-D3 YLSDGIHSGA	36	>CTNNB1-D3 YLASGIHSGA	15	21
>CTNNB1-D3 YLSDGIHSGA	1702	>CTNNB1-D3 YLASGIHSGA	161	1541
>CTNNB1-D3 YLSDGIHSGA	554	>CTNNB1-D3 YLASGIHSGA	470	84
>CTNNB1-D3 SYLSDGIHSG/	3455	>CTNNB1-D3 SYLASGIHSG/	173	3282
>CTNNB1-D3 SYLSDGIHSG/	410	>CTNNB1-D3 SYLASGIHSG/	347	63
>CTNNB1-D3 QSYLSDGI	1029	>CTNNB1-D3 QSYLASGI	485	544
>CTNNB1-D3 QSYLSDGI	46	>CTNNB1-D3 QSYLASGI	16	30



>CTNNB1-D3 QSYLDSGI	22	>CTNNB1-D3 QSYLASGI	19	3
>CTNNB1-D3 QQSYLDSGI	2494	>CTNNB1-D3 QQSYLASGI	236	2258
>CTNNB1-D3 QQSYLDSGI	1017	>CTNNB1-D3 QQSYLASGI	353	664
>CTNNB1-D3 QQSYLDSGI	417	>CTNNB1-D3 QQSYLASGI	126	291
>CTNNB1-D3 QQQSYLDSGI	1044	>CTNNB1-D3 QQQSYLASGI	482	562
>CTNNB1-D3 QQQSYLDSGI	381	>CTNNB1-D3 QQQSYLASGI	152	229
>CTNNB1-D3 WQQQSYLDS	638	>CTNNB1-D3 WQQQSYLAS	234	404
>CTNNB1-D3 WQQQSYLD	20935	>CTNNB1-D3 WQQQSYLA	225	20710
>CTNNB1-D3 WQQQSYLDS	268	>CTNNB1-D3 WQQQSYLAS	97	171
>CTNNB1-D3 WQQQSYLDS	760	>CTNNB1-D3 WQQQSYLAS	189	571
>CTNNB1-D3 WQQQSYLDS	431	>CTNNB1-D3 WQQQSYLAS	315	116
>CTNNB1-D3 WQQQSYLDS	1891	>CTNNB1-D3 WQQQSYLAS	383	1508
>CTNNB1-D3 WQQQSYLDS	187	>CTNNB1-D3 WQQQSYLAS	83	104
>CTNNB1-D3 WQQQSYLDS	742	>CTNNB1-D3 WQQQSYLAS	257	485
>CTNNB1-D3 HWQQQSYLLE	2450	>CTNNB1-D3 HWQQQSYLLE	367	2083
>CTNNB1-D3 HWQQQSYLLE	1246	>CTNNB1-D3 HWQQQSYLLE	423	823
>CTNNB1-D3 HWQQQSYLLE	297	>CTNNB1-D3 HWQQQSYLLE	513	216
>CTNNB1-D3 LDSGIHSGA	7672	>CTNNB1-D3 LESGIHSGA	432	7240
>CTNNB1-D3 LDSGIHSGA	13016	>CTNNB1-D3 LESGIHSGA	55	12961
>CTNNB1-D3 LDSGIHSGAT	26508	>CTNNB1-D3 LESGIHSGAT	402	26106
>CTNNB1-D3 YLDSGIHSGA	78	>CTNNB1-D3 YLESGIHSGA	246	168
>CTNNB1-D3 YLDSGIHSGA	212	>CTNNB1-D3 YLESGIHSGAT	1761	1549
>CTNNB1-D3 YLDSGIHSG	278	>CTNNB1-D3 YLESGIHSG	340	62
>CTNNB1-D3 YLDSGIHSGA	24	>CTNNB1-D3 YLESGIHSGA	41	17
>CTNNB1-D3 YLDSGIHSGA	284	>CTNNB1-D3 YLESGIHSGAT	409	125
>CTNNB1-D3 YLDSGIHSGA	32	>CTNNB1-D3 YLESGIHSGA	49	17
>CTNNB1-D3 YLDSGIHSGA	78	>CTNNB1-D3 YLESGIHSGAT	135	57
>CTNNB1-D3 YLDSGIHS	419	>CTNNB1-D3 YLESGIHS	3156	2737
>CTNNB1-D3 YLDSGIHSGA	280	>CTNNB1-D3 YLESGIHSGA	880	600
>CTNNB1-D3 YLDSGIHSGA	178	>CTNNB1-D3 YLESGIHSGAT	1256	1078
>CTNNB1-D3 YLDSGIHS	47	>CTNNB1-D3 YLESGIHS	1010	963
>CTNNB1-D3 YLDSGIHSG	15	>CTNNB1-D3 YLESGIHSG	261	246
>CTNNB1-D3 YLDSGIHSGA	2	>CTNNB1-D3 YLESGIHSGA	11	9
>CTNNB1-D3 YLDSGIHSGA	12	>CTNNB1-D3 YLESGIHSGAT	177	165
>CTNNB1-D3 YLDSGIHS	395	>CTNNB1-D3 YLESGIHS	3119	2724
>CTNNB1-D3 YLDSGIHSG	139	>CTNNB1-D3 YLESGIHSG	713	574
>CTNNB1-D3 YLDSGIHSGA	8	>CTNNB1-D3 YLESGIHSGA	44	36
>CTNNB1-D3 YLDSGIHSGA	83	>CTNNB1-D3 YLESGIHSGAT	776	693
>CTNNB1-D3 YLDSGIHS	101	>CTNNB1-D3 YLESGIHS	3946	3845
>CTNNB1-D3 YLDSGIHSG	140	>CTNNB1-D3 YLESGIHSG	3962	3822
>CTNNB1-D3 YLDSGIHSGA	7	>CTNNB1-D3 YLESGIHSGA	82	75
>CTNNB1-D3 YLDSGIHSGA	121	>CTNNB1-D3 YLESGIHSGAT	2496	2375
>CTNNB1-D3 YLDSGIHSGA	7	>CTNNB1-D3 YLESGIHSGA	203	196

>CTNNB1-D3 YLDSGIHSGA'	255	>CTNNB1-D3 YLESGIHSGA'	3610	3355
>CTNNB1-D3 YLDSGIHS	66	>CTNNB1-D3 YLESGIHS	115	49
>CTNNB1-D3 YLDSGIHSG	13	>CTNNB1-D3 YLESGIHSG	19	6
>CTNNB1-D3 YLDSGIHSGA	2	>CTNNB1-D3 YLESGIHSGA	3	1
>CTNNB1-D3 YLDSGIHSGA'	36	>CTNNB1-D3 YLESGIHSGA'	53	17
>CTNNB1-D3 SYLDSGIHSG/	410	>CTNNB1-D3 SYLESGIHSGA/	419	9
>CTNNB1-D3 QSYLDSGI	46	>CTNNB1-D3 QSYLESGI	35	11
>CTNNB1-D3 QSYLDSGI	22	>CTNNB1-D3 QSYLESGI	35	13
>CTNNB1-D3 QQSYLEDSGI	417	>CTNNB1-D3 QQSYLESGI	194	223
>CTNNB1-D3 QQQSYLDSGI	381	>CTNNB1-D3 QQQSYLESGI	211	170
>CTNNB1-D3 WQQQSYLDS	268	>CTNNB1-D3 WQQQSYLES	223	45
>CTNNB1-D3 WQQQSYLDS	760	>CTNNB1-D3 WQQQSYLES	317	443
>CTNNB1-D3 WQQQSYLDS	431	>CTNNB1-D3 WQQQSYLES	664	233
>CTNNB1-D3 WQQQSYLDS	187	>CTNNB1-D3 WQQQSYLES	121	66
>CTNNB1-D3 HWQQQSYLLE	297	>CTNNB1-D3 HWQQQSYLE	424	127
>CTNNB1-D3 YLDSGIHSGA	78	>CTNNB1-D3 YLGSGIHSGA	108	30
>CTNNB1-D3 YLDSGIHSGA'	212	>CTNNB1-D3 YLGSGIHSGA'	653	441
>CTNNB1-D3 YLDSGIHSG	278	>CTNNB1-D3 YLGSGIHSG	196	82
>CTNNB1-D3 YLDSGIHSGA	24	>CTNNB1-D3 YLGSGIHSGA	20	4
>CTNNB1-D3 YLDSGIHSGA'	284	>CTNNB1-D3 YLGSGIHSGA'	243	41
>CTNNB1-D3 YLDSGIHSG	1353	>CTNNB1-D3 YLGSGIHSG	493	860
>CTNNB1-D3 YLDSGIHSGA	32	>CTNNB1-D3 YLGSGIHSGA	22	10
>CTNNB1-D3 YLDSGIHSGA'	78	>CTNNB1-D3 YLGSGIHSGA'	31	47
>CTNNB1-D3 YLDSGIHS	419	>CTNNB1-D3 YLGSGIHS	2535	2116
>CTNNB1-D3 YLDSGIHSGA	280	>CTNNB1-D3 YLGSGIHSGA	497	217
>CTNNB1-D3 YLDSGIHSGA'	178	>CTNNB1-D3 YLGSGIHSGA'	875	697
>CTNNB1-D3 YLDSGIHS	47	>CTNNB1-D3 YLGSGIHS	119	72
>CTNNB1-D3 YLDSGIHSG	15	>CTNNB1-D3 YLGSGIHSG	31	16
>CTNNB1-D3 YLDSGIHSGA	2	>CTNNB1-D3 YLGSGIHSGA	3	1
>CTNNB1-D3 YLDSGIHSGA'	12	>CTNNB1-D3 YLGSGIHSGA'	24	12
>CTNNB1-D3 YLDSGIHS	395	>CTNNB1-D3 YLGSGIHS	914	519
>CTNNB1-D3 YLDSGIHSG	139	>CTNNB1-D3 YLGSGIHSG	272	133
>CTNNB1-D3 YLDSGIHSGA	8	>CTNNB1-D3 YLGSGIHSGA	14	6
>CTNNB1-D3 YLDSGIHSGA'	83	>CTNNB1-D3 YLGSGIHSGA'	200	117
>CTNNB1-D3 YLDSGIHS	101	>CTNNB1-D3 YLGSGIHS	305	204
>CTNNB1-D3 YLDSGIHSG	140	>CTNNB1-D3 YLGSGIHSG	406	266
>CTNNB1-D3 YLDSGIHSGA	7	>CTNNB1-D3 YLGSGIHSGA	9	2
>CTNNB1-D3 YLDSGIHSGA'	121	>CTNNB1-D3 YLGSGIHSGA'	287	166
>CTNNB1-D3 YLDSGIHSGA	7	>CTNNB1-D3 YLGSGIHSGA	7	0
>CTNNB1-D3 YLDSGIHSGA'	255	>CTNNB1-D3 YLGSGIHSGA'	346	91
>CTNNB1-D3 YLDSGIHS	66	>CTNNB1-D3 YLGSGIHS	46	20
>CTNNB1-D3 YLDSGIHSG	13	>CTNNB1-D3 YLGSGIHSG	10	3
>CTNNB1-D3 YLDSGIHSGA	2	>CTNNB1-D3 YLGSGIHSGA	2	0

>CTNNB1-D3 YLDSGIHSGA`	36	>CTNNB1-D3 YLGSGIHSGA`	27	9
>CTNNB1-D3 SYLDSGIHSG/	410	>CTNNB1-D3 SYLGSGIHSG/	259	151
>CTNNB1-D3 QSYLDSGI	46	>CTNNB1-D3 QSYLGSGI	14	32
>CTNNB1-D3 QSYLDSGIH	1475	>CTNNB1-D3 QSYLGSGIH	444	1031
>CTNNB1-D3 QSYLDSGI	22	>CTNNB1-D3 QSYLGSGI	18	4
>CTNNB1-D3 QQSYLDSGI	417	>CTNNB1-D3 QQSYLGS	67	350
>CTNNB1-D3 QQQSYLDSGI	381	>CTNNB1-D3 QQQSYLGSGI	194	187
>CTNNB1-D3 WQQQSYLDS	268	>CTNNB1-D3 WQQQSYLGS	136	132
>CTNNB1-D3 WQQQSYLDS	760	>CTNNB1-D3 WQQQSYLGS	411	349
>CTNNB1-D3 WQQQSYLDS	431	>CTNNB1-D3 WQQQSYLGS	250	181
>CTNNB1-D3 WQQQSYLDS	187	>CTNNB1-D3 WQQQSYLGS	78	109
>CTNNB1-D3 WQQQSYLDS	742	>CTNNB1-D3 WQQQSYLGS	240	502
>CTNNB1-D3 HWQQQSYL	297	>CTNNB1-D3 HWQQQSYL	371	74
>CTNNB1-D3 YLDSGIHSGA	78	>CTNNB1-D3 YLHSGIHSGA	127	49
>CTNNB1-D3 YLDSGIHSGA`	212	>CTNNB1-D3 YLHSGIHSGA`	505	293
>CTNNB1-D3 YLDSGIHSG	278	>CTNNB1-D3 YLHSGIHSG	202	76
>CTNNB1-D3 YLDSGIHSGA	24	>CTNNB1-D3 YLHSGIHSGA	18	6
>CTNNB1-D3 YLDSGIHSGA`	284	>CTNNB1-D3 YLHSGIHSGA`	249	35
>CTNNB1-D3 YLDSGIHS	2792	>CTNNB1-D3 YLHSGIHS	240	2552
>CTNNB1-D3 YLDSGIHSG	1353	>CTNNB1-D3 YLHSGIHSG	96	1257
>CTNNB1-D3 YLDSGIHSGA	32	>CTNNB1-D3 YLHSGIHSGA	18	14
>CTNNB1-D3 YLDSGIHSGA`	78	>CTNNB1-D3 YLHSGIHSGA`	8	70
>CTNNB1-D3 YLDSGIHS	419	>CTNNB1-D3 YLHSGIHS	1709	1290
>CTNNB1-D3 YLDSGIHSGA	280	>CTNNB1-D3 YLHSGIHSGA	484	204
>CTNNB1-D3 YLDSGIHSGA`	178	>CTNNB1-D3 YLHSGIHSGA`	685	507
>CTNNB1-D3 YLDSGIHS	47	>CTNNB1-D3 YLHSGIHS	85	38
>CTNNB1-D3 YLDSGIHSG	15	>CTNNB1-D3 YLHSGIHSG	24	9
>CTNNB1-D3 YLDSGIHSGA	2	>CTNNB1-D3 YLHSGIHSGA	3	1
>CTNNB1-D3 YLDSGIHSGA`	12	>CTNNB1-D3 YLHSGIHSGA`	18	6
>CTNNB1-D3 YLDSGIHS	395	>CTNNB1-D3 YLHSGIHS	1612	1217
>CTNNB1-D3 YLDSGIHSG	139	>CTNNB1-D3 YLHSGIHSG	403	264
>CTNNB1-D3 YLDSGIHSGA	8	>CTNNB1-D3 YLHSGIHSGA	20	12
>CTNNB1-D3 YLDSGIHSGA`	83	>CTNNB1-D3 YLHSGIHSGA`	338	255
>CTNNB1-D3 YLDSGIHS	101	>CTNNB1-D3 YLHSGIHS	746	645
>CTNNB1-D3 YLDSGIHSG	140	>CTNNB1-D3 YLHSGIHSG	888	748
>CTNNB1-D3 YLDSGIHSGA	7	>CTNNB1-D3 YLHSGIHSGA	14	7
>CTNNB1-D3 YLDSGIHSGA`	121	>CTNNB1-D3 YLHSGIHSGA`	545	424
>CTNNB1-D3 YLDSGIHSGA	7	>CTNNB1-D3 YLHSGIHSGA	41	34
>CTNNB1-D3 YLDSGIHSGA`	255	>CTNNB1-D3 YLHSGIHSGA`	1448	1193
>CTNNB1-D3 YLDSGIHS	66	>CTNNB1-D3 YLHSGIHS	37	29
>CTNNB1-D3 YLDSGIHSG	13	>CTNNB1-D3 YLHSGIHSG	9	4
>CTNNB1-D3 YLDSGIHSGA	2	>CTNNB1-D3 YLHSGIHSGA	2	0
>CTNNB1-D3 YLDSGIHSGA`	36	>CTNNB1-D3 YLHSGIHSGA`	22	14

>CTNNB1-D3 SYLDSGIHSG/	410	>CTNNB1-D3 SYLHSGIHSG/	543	133
>CTNNB1-D3 QSYLDSGI	3494	>CTNNB1-D3 QSYLHSGI	47	3447
>CTNNB1-D3 QSYLDSGI	46	>CTNNB1-D3 QSYLHSGI	19	27
>CTNNB1-D3 QSYLDSGI	22	>CTNNB1-D3 QSYLHSGI	24	2
>CTNNB1-D3 QQSYLDSGI	417	>CTNNB1-D3 QQSYLHSGI	75	342
>CTNNB1-D3 QQQSYLDSGI	381	>CTNNB1-D3 QQQSYLHSGI	128	253
>CTNNB1-D3 WQQQSYLDS	268	>CTNNB1-D3 WQQQSYLHS	173	95
>CTNNB1-D3 WQQQSYLDS	760	>CTNNB1-D3 WQQQSYLHS	332	428
>CTNNB1-D3 WQQQSYLDS	431	>CTNNB1-D3 WQQQSYLHS	237	194
>CTNNB1-D3 WQQQSYLDS	187	>CTNNB1-D3 WQQQSYLHS	77	110
>CTNNB1-D3 WQQQSYLDS	742	>CTNNB1-D3 WQQQSYLHS	253	489
>CTNNB1-D3 HWQQQSYLH	2450	>CTNNB1-D3 HWQQQSYLH	293	2157
>CTNNB1-D3 HWQQQSYLH	297	>CTNNB1-D3 HWQQQSYLH	279	18
>CTNNB1-D3 YLDSGIHSGA	78	>CTNNB1-D3 YLNSGIHSGA	160	82
>CTNNB1-D3 YLDSGIHSGA	212	>CTNNB1-D3 YLNSGIHSGA	399	187
>CTNNB1-D3 YLDSGIHS	1509	>CTNNB1-D3 YLNSGIHS	381	1128
>CTNNB1-D3 YLDSGIHSG	278	>CTNNB1-D3 YLNSGIHSG	61	217
>CTNNB1-D3 YLDSGIHSGA	24	>CTNNB1-D3 YLNSGIHSGA	22	2
>CTNNB1-D3 YLDSGIHSGA	284	>CTNNB1-D3 YLNSGIHSGA	70	214
>CTNNB1-D3 YLDSGIHS	2792	>CTNNB1-D3 YLNSGIHS	110	2682
>CTNNB1-D3 YLDSGIHSG	1353	>CTNNB1-D3 YLNSGIHSG	42	1311
>CTNNB1-D3 YLDSGIHSGA	32	>CTNNB1-D3 YLNSGIHSGA	20	12
>CTNNB1-D3 YLDSGIHSGA	78	>CTNNB1-D3 YLNSGIHSGA	6	72
>CTNNB1-D3 YLDSGIHS	419	>CTNNB1-D3 YLNSGIHS	1202	783
>CTNNB1-D3 YLDSGIHSGA	280	>CTNNB1-D3 YLNSGIHSGA	544	264
>CTNNB1-D3 YLDSGIHSGA	178	>CTNNB1-D3 YLNSGIHSGA	475	297
>CTNNB1-D3 YLDSGIHS	47	>CTNNB1-D3 YLNSGIHS	86	39
>CTNNB1-D3 YLDSGIHSG	15	>CTNNB1-D3 YLNSGIHSG	23	8
>CTNNB1-D3 YLDSGIHSGA	2	>CTNNB1-D3 YLNSGIHSGA	3	1
>CTNNB1-D3 YLDSGIHSGA	12	>CTNNB1-D3 YLNSGIHSGA	18	6
>CTNNB1-D3 YLDSGIHS	395	>CTNNB1-D3 YLNSGIHS	1025	630
>CTNNB1-D3 YLDSGIHSG	139	>CTNNB1-D3 YLNSGIHSG	260	121
>CTNNB1-D3 YLDSGIHSGA	8	>CTNNB1-D3 YLNSGIHSGA	14	6
>CTNNB1-D3 YLDSGIHSGA	83	>CTNNB1-D3 YLNSGIHSGA	206	123
>CTNNB1-D3 YLDSGIHS	101	>CTNNB1-D3 YLNSGIHS	295	194
>CTNNB1-D3 YLDSGIHSG	140	>CTNNB1-D3 YLNSGIHSG	351	211
>CTNNB1-D3 YLDSGIHSGA	7	>CTNNB1-D3 YLNSGIHSGA	10	3
>CTNNB1-D3 YLDSGIHSGA	121	>CTNNB1-D3 YLNSGIHSGA	309	188
>CTNNB1-D3 YLDSGIHSGA	7	>CTNNB1-D3 YLNSGIHSGA	7	0
>CTNNB1-D3 YLDSGIHSGA	255	>CTNNB1-D3 YLNSGIHSGA	334	79
>CTNNB1-D3 YLDSGIHS	66	>CTNNB1-D3 YLNSGIHS	38	28
>CTNNB1-D3 YLDSGIHSG	13	>CTNNB1-D3 YLNSGIHSG	9	4
>CTNNB1-D3 YLDSGIHSGA	2	>CTNNB1-D3 YLNSGIHSGA	2	0

>CTNNB1-D3 YLDSGIHSGA`	36	>CTNNB1-D3 YLNSGIHSGA`	23	13
>CTNNB1-D3 SYLDSGIHSG/	410	>CTNNB1-D3 SYLNSGIHSG/	428	18
>CTNNB1-D3 QSYLDSGI	46	>CTNNB1-D3 QSYLNSGI	22	24
>CTNNB1-D3 QSYLDSGI	22	>CTNNB1-D3 QSYLNSGI	29	7
>CTNNB1-D3 QQSYLDSGI	417	>CTNNB1-D3 QQSYLNSGI	109	308
>CTNNB1-D3 QQQSYLDSGI	381	>CTNNB1-D3 QQQSYLNSGI	134	247
>CTNNB1-D3 WQQQSYLDS	638	>CTNNB1-D3 WQQQSYLNS	487	151
>CTNNB1-D3 WQQQSYLDS	268	>CTNNB1-D3 WQQQSYLNS	167	101
>CTNNB1-D3 WQQQSYLDS	760	>CTNNB1-D3 WQQQSYLNS	470	290
>CTNNB1-D3 WQQQSYLDS	431	>CTNNB1-D3 WQQQSYLNS	366	65
>CTNNB1-D3 WQQQSYLDS	187	>CTNNB1-D3 WQQQSYLNS	87	100
>CTNNB1-D3 WQQQSYLDS	742	>CTNNB1-D3 WQQQSYLNS	335	407
>CTNNB1-D3 HWQQQSYL	2450	>CTNNB1-D3 HWQQQSYL	368	2082
>CTNNB1-D3 HWQQQSYL	297	>CTNNB1-D3 HWQQQSYL	306	9
>CTNNB1-D3 LDSGIHSGA	9281	>CTNNB1-D3 LVSGIHSGA	128	9153
>CTNNB1-D3 LDSGIHSGA	12118	>CTNNB1-D3 LVSGIHSGA	109	12009
>CTNNB1-D3 LDSGIHSGA	27407	>CTNNB1-D3 LVSGIHSGA	186	27221
>CTNNB1-D3 LDSGIHSGA	11478	>CTNNB1-D3 LVSGIHSGA	51	11427
>CTNNB1-D3 YLDSGIHSGA	78	>CTNNB1-D3 YLVSGIHSGA	91	13
>CTNNB1-D3 YLDSGIHSGA`	212	>CTNNB1-D3 YLVSGIHSGA`	404	192
>CTNNB1-D3 YLDSGIHS	1509	>CTNNB1-D3 YLVSGIHS	459	1050
>CTNNB1-D3 YLDSGIHSG	278	>CTNNB1-D3 YLVSGIHSG	62	216
>CTNNB1-D3 YLDSGIHSGA	24	>CTNNB1-D3 YLVSGIHSGA	15	9
>CTNNB1-D3 YLDSGIHSGA`	284	>CTNNB1-D3 YLVSGIHSGA`	98	186
>CTNNB1-D3 YLDSGIHS	2792	>CTNNB1-D3 YLVSGIHS	246	2546
>CTNNB1-D3 YLDSGIHSG	1353	>CTNNB1-D3 YLVSGIHSG	84	1269
>CTNNB1-D3 YLDSGIHSGA	32	>CTNNB1-D3 YLVSGIHSGA	16	16
>CTNNB1-D3 YLDSGIHSGA`	78	>CTNNB1-D3 YLVSGIHSGA`	9	69
>CTNNB1-D3 YLDSGIHS	419	>CTNNB1-D3 YLVSGIHS	207	212
>CTNNB1-D3 YLDSGIHSG	570	>CTNNB1-D3 YLVSGIHSG	319	251
>CTNNB1-D3 YLDSGIHSGA	280	>CTNNB1-D3 YLVSGIHSGA	110	170
>CTNNB1-D3 YLDSGIHSGA`	178	>CTNNB1-D3 YLVSGIHSGA`	101	77
>CTNNB1-D3 YLDSGIHS	47	>CTNNB1-D3 YLVSGIHS	132	85
>CTNNB1-D3 YLDSGIHSG	15	>CTNNB1-D3 YLVSGIHSG	34	19
>CTNNB1-D3 YLDSGIHSGA	2	>CTNNB1-D3 YLVSGIHSGA	3	1
>CTNNB1-D3 YLDSGIHSGA`	12	>CTNNB1-D3 YLVSGIHSGA`	26	14
>CTNNB1-D3 YLDSGIHS	395	>CTNNB1-D3 YLVSGIHS	1154	759
>CTNNB1-D3 YLDSGIHSG	139	>CTNNB1-D3 YLVSGIHSG	372	233
>CTNNB1-D3 YLDSGIHSGA	8	>CTNNB1-D3 YLVSGIHSGA	15	7
>CTNNB1-D3 YLDSGIHSGA`	83	>CTNNB1-D3 YLVSGIHSGA`	260	177
>CTNNB1-D3 YLDSGIHS	101	>CTNNB1-D3 YLVSGIHS	645	544
>CTNNB1-D3 YLDSGIHSG	140	>CTNNB1-D3 YLVSGIHSG	786	646
>CTNNB1-D3 YLDSGIHSGA	7	>CTNNB1-D3 YLVSGIHSGA	12	5

>CTNNB1-D3 YLDSGIHSGA`	121	>CTNNB1-D3 YLVSGIHSGA`	475	354
>CTNNB1-D3 YLDSGIHSGA	7	>CTNNB1-D3 YLVSGIHSGA	19	12
>CTNNB1-D3 YLDSGIHSGA`	255	>CTNNB1-D3 YLVSGIHSGA`	847	592
>CTNNB1-D3 YLDSGIHS	66	>CTNNB1-D3 YLVSGIHS	47	19
>CTNNB1-D3 YLDSGIHSG	13	>CTNNB1-D3 YLVSGIHSG	10	3
>CTNNB1-D3 YLDSGIHSGA	2	>CTNNB1-D3 YLVSGIHSGA	2	0
>CTNNB1-D3 YLDSGIHSGA`	36	>CTNNB1-D3 YLVSGIHSGA`	26	10
>CTNNB1-D3 YLDSGIHSGA	1702	>CTNNB1-D3 YLVSGIHSGA	214	1488
>CTNNB1-D3 SYLDSGIHSG/	410	>CTNNB1-D3 SYLVSGIHSG/	502	92
>CTNNB1-D3 QSYLDSGI	3494	>CTNNB1-D3 QSYLVSGI	275	3219
>CTNNB1-D3 QSYLDSGI	2043	>CTNNB1-D3 QSYLVSGI	464	1579
>CTNNB1-D3 QSYLDSGI	1029	>CTNNB1-D3 QSYLVSGI	195	834
>CTNNB1-D3 QSYLDSGI	46	>CTNNB1-D3 QSYLVSGI	35	11
>CTNNB1-D3 QSYLDSGIH	1475	>CTNNB1-D3 QSYLVSGIH	269	1206
>CTNNB1-D3 QSYLDSGI	22	>CTNNB1-D3 QSYLVSGI	23	1
>CTNNB1-D3 QQSYLDSGI	2494	>CTNNB1-D3 QQSYLVSIGI	366	2128
>CTNNB1-D3 QQSYLDSGI	2469	>CTNNB1-D3 QQSYLVSIGI	430	2039
>CTNNB1-D3 QQSYLDSGI	2282	>CTNNB1-D3 QQSYLVSIGI	82	2200
>CTNNB1-D3 QQSYLDSGI	1017	>CTNNB1-D3 QQSYLVSIGI	201	816
>CTNNB1-D3 QQSYLDSGI	417	>CTNNB1-D3 QQSYLVSIGI	69	348
>CTNNB1-D3 QQQSYLDSGI	381	>CTNNB1-D3 QQQSYLVSGI	82	299
>CTNNB1-D3 WQQQSYLDS	638	>CTNNB1-D3 WQQQSYLVS	265	373
>CTNNB1-D3 WQQQSYLD	22386	>CTNNB1-D3 WQQQSYLV	205	22181
>CTNNB1-D3 WQQQSYLD	23077	>CTNNB1-D3 WQQQSYLV	309	22768
>CTNNB1-D3 WQQQSYLDS	2088	>CTNNB1-D3 WQQQSYLVS	359	1729
>CTNNB1-D3 WQQQSYLD	20935	>CTNNB1-D3 WQQQSYLV	26	20909
>CTNNB1-D3 WQQQSYLDS	268	>CTNNB1-D3 WQQQSYLVS	106	162
>CTNNB1-D3 WQQQSYLD	28071	>CTNNB1-D3 WQQQSYLV	255	27816
>CTNNB1-D3 WQQQSYLD	21109	>CTNNB1-D3 WQQQSYLV	263	20846
>CTNNB1-D3 WQQQSYLDS	760	>CTNNB1-D3 WQQQSYLVS	239	521
>CTNNB1-D3 WQQQSYLDS	431	>CTNNB1-D3 WQQQSYLVS	199	232
>CTNNB1-D3 WQQQSYLD	15299	>CTNNB1-D3 WQQQSYLV	284	15015
>CTNNB1-D3 WQQQSYLDS	187	>CTNNB1-D3 WQQQSYLVS	70	117
>CTNNB1-D3 WQQQSYLD	16254	>CTNNB1-D3 WQQQSYLV	428	15826
>CTNNB1-D3 WQQQSYLDS	1316	>CTNNB1-D3 WQQQSYLVS	416	900
>CTNNB1-D3 WQQQSYLDS	742	>CTNNB1-D3 WQQQSYLVS	211	531
>CTNNB1-D3 HWQQQSYL	1246	>CTNNB1-D3 HWQQQSYLV	367	879
>CTNNB1-D3 HWQQQSYL	297	>CTNNB1-D3 HWQQQSYLV	423	126
>CTNNB1-D3 SHWQQQSYL	27466	>CTNNB1-D3 SHWQQQSYLV	422	27044
>CTNNB1-D3 VSHWQQQS\	21798	>CTNNB1-D3 VSHWQQQS\	450	21348
>CTNNB1-D3 VSHWQQQS\	24720	>CTNNB1-D3 VSHWQQQS\	491	24229
>CTNNB1-D3 VSHWQQQS\	21763	>CTNNB1-D3 VSHWQQQS\	40	21723
>CTNNB1-D3 VSHWQQQS\	11312	>CTNNB1-D3 VSHWQQQS\	18	11294

>CTNNB1-D3 VSHWQQQS\	24415	>CTNNB1-D3 VSHWQQQS\	155	24260
>CTNNB1-D3 VSHWQQQS\	13848	>CTNNB1-D3 VSHWQQQS\	6	13842
>CTNNB1-D3 VSHWQQQS\	19813	>CTNNB1-D3 VSHWQQQS\	239	19574
>CTNNB1-D3 VSHWQQQS\	23533	>CTNNB1-D3 VSHWQQQS\	163	23370
>CTNNB1-D3 YLDSGIHS	603	>CTNNB1-D3 YLYSGIHS	180	423
>CTNNB1-D3 YLDSGIHSG	773	>CTNNB1-D3 YLYSGIHSG	210	563
>CTNNB1-D3 YLDSGIHSGA	78	>CTNNB1-D3 YLYSGIHSGA	23	55
>CTNNB1-D3 YLDSGIHSGA	212	>CTNNB1-D3 YLYSGIHSGA	77	135
>CTNNB1-D3 YLDSGIHS	1509	>CTNNB1-D3 YLYSGIHS	225	1284
>CTNNB1-D3 YLDSGIHSG	278	>CTNNB1-D3 YLYSGIHSG	42	236
>CTNNB1-D3 YLDSGIHSGA	24	>CTNNB1-D3 YLYSGIHSGA	7	17
>CTNNB1-D3 YLDSGIHSGA	284	>CTNNB1-D3 YLYSGIHSGA	53	231
>CTNNB1-D3 YLDSGIHS	2792	>CTNNB1-D3 YLYSGIHS	49	2743
>CTNNB1-D3 YLDSGIHSG	1353	>CTNNB1-D3 YLYSGIHSG	25	1328
>CTNNB1-D3 YLDSGIHSGA	32	>CTNNB1-D3 YLYSGIHSGA	8	24
>CTNNB1-D3 YLDSGIHSGA	78	>CTNNB1-D3 YLYSGIHSGA	4	74
>CTNNB1-D3 YLDSGIHS	419	>CTNNB1-D3 YLYSGIHS	164	255
>CTNNB1-D3 YLDSGIHSG	570	>CTNNB1-D3 YLYSGIHSG	310	260
>CTNNB1-D3 YLDSGIHSGA	280	>CTNNB1-D3 YLYSGIHSGA	78	202
>CTNNB1-D3 YLDSGIHSGA	178	>CTNNB1-D3 YLYSGIHSGA	84	94
>CTNNB1-D3 YLDSGIHS	47	>CTNNB1-D3 YLYSGIHS	11	36
>CTNNB1-D3 YLDSGIHSG	15	>CTNNB1-D3 YLYSGIHSG	5	10
>CTNNB1-D3 YLDSGIHSGA	2	>CTNNB1-D3 YLYSGIHSGA	2	0
>CTNNB1-D3 YLDSGIHSGA	12	>CTNNB1-D3 YLYSGIHSGA	4	8
>CTNNB1-D3 YLDSGIHS	395	>CTNNB1-D3 YLYSGIHS	193	202
>CTNNB1-D3 YLDSGIHSG	139	>CTNNB1-D3 YLYSGIHSG	98	41
>CTNNB1-D3 YLDSGIHSGA	8	>CTNNB1-D3 YLYSGIHSGA	6	2
>CTNNB1-D3 YLDSGIHSGA	83	>CTNNB1-D3 YLYSGIHSGA	51	32
>CTNNB1-D3 YLDSGIHS	101	>CTNNB1-D3 YLYSGIHS	38	63
>CTNNB1-D3 YLDSGIHSG	140	>CTNNB1-D3 YLYSGIHSG	46	94
>CTNNB1-D3 YLDSGIHSGA	7	>CTNNB1-D3 YLYSGIHSGA	5	2
>CTNNB1-D3 YLDSGIHSGA	121	>CTNNB1-D3 YLYSGIHSGA	49	72
>CTNNB1-D3 YLDSGIHSGA	7	>CTNNB1-D3 YLYSGIHSGA	7	0
>CTNNB1-D3 YLDSGIHSGA	255	>CTNNB1-D3 YLYSGIHSGA	365	110
>CTNNB1-D3 YLDSGIHS	66	>CTNNB1-D3 YLYSGIHS	11	55
>CTNNB1-D3 YLDSGIHSG	13	>CTNNB1-D3 YLYSGIHSG	5	8
>CTNNB1-D3 YLDSGIHSGA	2	>CTNNB1-D3 YLYSGIHSGA	2	0
>CTNNB1-D3 YLDSGIHSGA	36	>CTNNB1-D3 YLYSGIHSGA	8	28
>CTNNB1-D3 YLDSGIHSGA	1702	>CTNNB1-D3 YLYSGIHSGA	113	1589
>CTNNB1-D3 YLDSGIHSGA	554	>CTNNB1-D3 YLYSGIHSGA	177	377
>CTNNB1-D3 YLDSGIHSG	9693	>CTNNB1-D3 YLYSGIHSG	303	9390
>CTNNB1-D3 YLDSGIHSGA	10884	>CTNNB1-D3 YLYSGIHSGA	435	10449
>CTNNB1-D3 YLDSGIHSGA	7537	>CTNNB1-D3 YLYSGIHSGA	379	7158

>CTNNB1-D3 YLDSGIHSGA	5059	>CTNNB1-D3 YLYSGIHSGA	209	4850
>CTNNB1-D3 SYLDSGIHSGA	410	>CTNNB1-D3 SYLYSGIHSGA	303	107
>CTNNB1-D3 QSYLDSGI	3494	>CTNNB1-D3 QSYLYSGI	4	3490
>CTNNB1-D3 QSYLDSGI	1029	>CTNNB1-D3 QSYLYSGI	460	569
>CTNNB1-D3 QSYLDSGI	46	>CTNNB1-D3 QSYLYSGI	19	27
>CTNNB1-D3 QSYLDSGI	22	>CTNNB1-D3 QSYLYSGI	21	1
>CTNNB1-D3 QQSYLDSGI	2494	>CTNNB1-D3 QQSYLESGI	369	2125
>CTNNB1-D3 QQSYLDSGI	2282	>CTNNB1-D3 QQSYLESGI	256	2026
>CTNNB1-D3 QQSYLDSGI	1017	>CTNNB1-D3 QQSYLESGI	330	687
>CTNNB1-D3 QQSYLDSGI	417	>CTNNB1-D3 QQSYLESGI	53	364
>CTNNB1-D3 QQQSYLDSGI	381	>CTNNB1-D3 QQQSYLESGI	96	285
>CTNNB1-D3 WQQQSYLDS	638	>CTNNB1-D3 WQQQSYLYS	243	395
>CTNNB1-D3 WQQQSYLDS	268	>CTNNB1-D3 WQQQSYLYS	80	188
>CTNNB1-D3 WQQQSYLD	22771	>CTNNB1-D3 WQQQSYLY	68	22703
>CTNNB1-D3 WQQQSYLD	32860	>CTNNB1-D3 WQQQSYLY	259	32601
>CTNNB1-D3 WQQQSYLD	13452	>CTNNB1-D3 WQQQSYLY	49	13403
>CTNNB1-D3 WQQQSYLDS	760	>CTNNB1-D3 WQQQSYLYS	351	409
>CTNNB1-D3 WQQQSYLDS	431	>CTNNB1-D3 WQQQSYLYS	361	70
>CTNNB1-D3 WQQQSYLD	24838	>CTNNB1-D3 WQQQSYLY	54	24784
>CTNNB1-D3 WQQQSYLD	15299	>CTNNB1-D3 WQQQSYLY	22	15277
>CTNNB1-D3 WQQQSYLDS	187	>CTNNB1-D3 WQQQSYLYS	65	122
>CTNNB1-D3 WQQQSYLDS	742	>CTNNB1-D3 WQQQSYLYS	179	563
>CTNNB1-D3 WQQQSYLD	37955	>CTNNB1-D3 WQQQSYLY	364	37591
>CTNNB1-D3 HWQQQSYLL	16762	>CTNNB1-D3 HWQQQSYLY	13	16749
>CTNNB1-D3 HWQQQSYLL	17586	>CTNNB1-D3 HWQQQSYLY	51	17535
>CTNNB1-D3 HWQQQSYLL	26368	>CTNNB1-D3 HWQQQSYLY	119	26249
>CTNNB1-D3 HWQQQSYLL	36062	>CTNNB1-D3 HWQQQSYLY	240	35822
>CTNNB1-D3 HWQQQSYLL	36033	>CTNNB1-D3 HWQQQSYLY	391	35642
>CTNNB1-D3 HWQQQSYLL	2450	>CTNNB1-D3 HWQQQSYLY	248	2202
>CTNNB1-D3 HWQQQSYLL	2963	>CTNNB1-D3 HWQQQSYLY	228	2735
>CTNNB1-D3 HWQQQSYLL	297	>CTNNB1-D3 HWQQQSYLY	354	57
>CTNNB1-D3 SHWQQQSYL	33567	>CTNNB1-D3 SHWQQQSYL	456	33111
>CTNNB1-D3 SHWQQQSYL	31480	>CTNNB1-D3 SHWQQQSYL	263	31217
>CTNNB1-D3 SHWQQQSYL	24848	>CTNNB1-D3 SHWQQQSYL	75	24773
>CTNNB1-D3 SHWQQQSYL	19088	>CTNNB1-D3 SHWQQQSYL	221	18867
>CTNNB1-D5 DVDTSQVLY	25	>CTNNB1-D5 NVDTSQVLY	14	11
>CTNNB1-D5 DVDTSQVLY	577	>CTNNB1-D5 NVDTSQVLY	304	273
>CTNNB1-D5 DVDTSQVLY	3406	>CTNNB1-D5 NVDTSQVLY	418	2988
>CTNNB1-D5 DVDTSQVL	4082	>CTNNB1-D5 NVDTSQVL	314	3768
>CTNNB1-D5 DVDTSQVLYE	2523	>CTNNB1-D5 NVDTSQVLYE	424	2099
>CTNNB1-D5 DVDTSQVLY	404	>CTNNB1-D5 NVDTSQVLY	432	28
>CTNNB1-D5 EDVDTSQV	1247	>CTNNB1-D5 ENVDTSQV	160	1087
>CTNNB1-D5 EDVDTSQV	1007	>CTNNB1-D5 ENVDTSQV	327	680



>CTNNB1-D5 EDVDTSQVL	675	>CTNNB1-D5 ENVDTSQVL	198	477
>CTNNB1-D5 EDVDTSQV	205	>CTNNB1-D5 ENVDTSQV	9322	9117
>CTNNB1-D5 EEDVDTSQV	208	>CTNNB1-D5 EENVDTSQV	63	145
>CTNNB1-D5 EEDVDTSQVL	274	>CTNNB1-D5 EENVDTSQVL	806	532
>CTNNB1-D5 EEDVDTSQVL	601	>CTNNB1-D5 EENVDTSQVL	424	177
>CTNNB1-D5 EEDVDTSQVL	1017	>CTNNB1-D5 EENVDTSQVL	201	816
>CTNNB1-D5 EEDVDTSQVL	476	>CTNNB1-D5 EENVDTSQVL	145	331
>CTNNB1-D5 EEDVDTSQV	2611	>CTNNB1-D5 EENVDTSQV	258	2353
>CTNNB1-D5 EEDVDTSQV	464	>CTNNB1-D5 EENVDTSQV	200	264
>CTNNB1-D5 EEEDVDTSQV	178	>CTNNB1-D5 EEENVDTSQV	137	41
>CTNNB1-D5 EEEDVDTSQV	50	>CTNNB1-D5 EEENVDTSQV	52	2
>CTNNB1-D5 EEEDVDTSQV	445	>CTNNB1-D5 EEENVDTSQV	708	263
>CTNNB1-D5 PEEEDVDTSC	790	>CTNNB1-D5 PEEENVDTSC	477	313
>CTNNB1-D5 PEEEDVDTSC	368	>CTNNB1-D5 PEEENVDTSC	256	112
>CTNNB1-D5 NPEEEDVDTSC	474	>CTNNB1-D5 NPEEENVDTSC	908	434
>CTNNB1-D5 DTSQVLYEWI	285	>CTNNB1-D5 NTSQVLYEWI	446	161
>CTNNB1-D5 DTSQVLYEW	677	>CTNNB1-D5 NTSQVLYEW	142	535
>CTNNB1-D5 DTSQVLYEW	144	>CTNNB1-D5 NTSQVLYEW	86	58
>CTNNB1-D5 DTSQVLYEW	134	>CTNNB1-D5 NTSQVLYEW	23	111
>CTNNB1-D5 VDTSQVLY	648	>CTNNB1-D5 VNTSQVLY	216	432
>CTNNB1-D5 VDTSQVLYEV	3315	>CTNNB1-D5 VNTSQVLYEV	147	3168
>CTNNB1-D5 VDTSQVLYEV	1128	>CTNNB1-D5 VNTSQVLYEV	495	633
>CTNNB1-D5 DVDTSQVLY	25	>CTNNB1-D5 DVNTSQVLY	1113	1088
>CTNNB1-D5 DVDTSQVLY	4668	>CTNNB1-D5 DVNTSQVLY	218	4450
>CTNNB1-D5 DVDTSQVLY	577	>CTNNB1-D5 DVNTSQVLY	189	388
>CTNNB1-D5 DVDTSQVLY	1738	>CTNNB1-D5 DVNTSQVLY	395	1343
>CTNNB1-D5 DVDTSQVLY	1048	>CTNNB1-D5 DVNTSQVLY	126	922
>CTNNB1-D5 DVDTSQVLY	404	>CTNNB1-D5 DVNTSQVLY	776	372
>CTNNB1-D5 EDVDTSQV	205	>CTNNB1-D5 EDVNTSQV	290	85
>CTNNB1-D5 EEDVDTSQV	208	>CTNNB1-D5 EEDVNTSQV	88	120
>CTNNB1-D5 EEDVDTSQVL	274	>CTNNB1-D5 EEDVNTSQVL	221	53
>CTNNB1-D5 EEDVDTSQVL	476	>CTNNB1-D5 EEDVNTSQVL	324	152
>CTNNB1-D5 EEDVDTSQV	464	>CTNNB1-D5 EEDVNTSQV	344	120
>CTNNB1-D5 EEDVDTSQVL	677	>CTNNB1-D5 EEDVNTSQVL	487	190
>CTNNB1-D5 EEEDVDTSQV	178	>CTNNB1-D5 EEEDVNTSQV	102	76
>CTNNB1-D5 EEEDVDTSQV	636	>CTNNB1-D5 EEEDVNTSQV	290	346
>CTNNB1-D5 EEEDVDTSQV	50	>CTNNB1-D5 EEEDVNTSQV	41	9
>CTNNB1-D5 EEEDVDTSQV	445	>CTNNB1-D5 EEEDVNTSQV	494	49
>CTNNB1-D5 PEEEDVDTSC	368	>CTNNB1-D5 PEEEDVNTSC	343	25
>CTNNB1-D5 NPEEEDVDTSC	474	>CTNNB1-D5 NPEEEDVNTSC	885	411
>CTNNB1-D6 DLMELDMA	4412	>CTNNB1-D6 GLMELDMA	27	4385
>CTNNB1-D6 DLMELDMAN	5360	>CTNNB1-D6 GLMELDMAN	30	5330
>CTNNB1-D6 DLMELDMA	755	>CTNNB1-D6 GLMELDMA	10	745

>CTNNB1-D6 DLMELDMAN	1596	>CTNNB1-D6 GLMELDMAN	34	1562
>CTNNB1-D6 DLMELDMA	1489	>CTNNB1-D6 GLMELDMA	14	1475
>CTNNB1-D6 DLMELDMAN	6678	>CTNNB1-D6 GLMELDMAN	92	6586
>CTNNB1-D6 DLMELDMA	2690	>CTNNB1-D6 GLMELDMA	44	2646
>CTNNB1-D6 DLMELDMAN	3729	>CTNNB1-D6 GLMELDMAN	85	3644
>CTNNB1-D6 DLMELDMA	477	>CTNNB1-D6 GLMELDMA	17	460
>CTNNB1-D6 DLMELDMAN	1158	>CTNNB1-D6 GLMELDMAN	47	1111
>CTNNB1-D6 DLMELDMA	1163	>CTNNB1-D6 GLMELDMA	13	1150
>CTNNB1-D6 DLMELDMAN	516	>CTNNB1-D6 GLMELDMAN	7	509
>CTNNB1-D6 DLMELDMA	570	>CTNNB1-D6 GLMELDMA	25	545
>CTNNB1-D6 DLMELDMAN	3684	>CTNNB1-D6 GLMELDMAN	82	3602
>CTNNB1-D6 DLMELDMA	223	>CTNNB1-D6 GLMELDMA	168	55
>CTNNB1-D6 DLMELDMAN	317	>CTNNB1-D6 GLMELDMAN	256	61
>CTNNB1-D6 DLMELDMA	976	>CTNNB1-D6 GLMELDMA	25	951
>CTNNB1-D6 DLMELDMAN	3097	>CTNNB1-D6 GLMELDMAN	86	3011
>CTNNB1-D6 DLMELDMAN	317	>CTNNB1-D6 GLMELDMAN	7888	7571
>CTNNB1-D6 DLMELDMAN	450	>CTNNB1-D6 GLMELDMAN	12230	11780
>CTNNB1-D6 DLMELDMAN	442	>CTNNB1-D6 GLMELDMAN	7179	6737
>CTNNB1-D6 DLMELDMAN	3409	>CTNNB1-D6 GLMELDMAN	146	3263
>CTNNB1-D6 DLMELDMAN	71	>CTNNB1-D6 GLMELDMAN	555	484
>CTNNB1-D6 ADLMELDMA	112	>CTNNB1-D6 AGLMELDMA	8976	8864
>CTNNB1-D6 ADLMELDMA	493	>CTNNB1-D6 AGLMELDMA	22576	22083
>CTNNB1-D6 QADLMELDM	51	>CTNNB1-D6 QAGLMELDM	110	59
>CTNNB1-D6 TQADLMEL	123	>CTNNB1-D6 TQAGLMEL	398	275
>CTNNB1-D6 TQADLMEL	21	>CTNNB1-D6 TQAGLMEL	32	11
>CTNNB1-D6 TQADLMELD	164	>CTNNB1-D6 TQAGLMELD	243	79
>CTNNB1-D6 TQADLMEL	131	>CTNNB1-D6 TQAGLMEL	258	127
>CTNNB1-D6 TQADLMELD	272	>CTNNB1-D6 TQAGLMELD	578	306
>CTNNB1-D6 TQADLMEL	13	>CTNNB1-D6 TQAGLMEL	21	8
>CTNNB1-D6 TQADLMELD	29	>CTNNB1-D6 TQAGLMELD	42	13
>CTNNB1-D6 TQADLMEL	83	>CTNNB1-D6 TQAGLMEL	46	37
>CTNNB1-D6 ATQADLMEL	465	>CTNNB1-D6 ATQAGLMEL	605	140
>CTNNB1-D6 ATQADLMEL	353	>CTNNB1-D6 ATQAGLMEL	221	132
>CTNNB1-D6 ATQADLMEL	830	>CTNNB1-D6 ATQAGLMEL	309	521
>CTNNB1-D6 ATQADLMEL	436	>CTNNB1-D6 ATQAGLMEL	842	406
>CTNNB1-D6 ATQADLMEL	84	>CTNNB1-D6 ATQAGLMEL	16	68
>CTNNB1-D6 ATQADLMEL	111	>CTNNB1-D6 ATQAGLMEL	33	78
>CTNNB1-D6 ATQADLMEL	1187	>CTNNB1-D6 ATQAGLMEL	361	826
>CTNNB1-D6 ATQADLMEL	733	>CTNNB1-D6 ATQAGLMEL	347	386
>CTNNB1-D6 MATQADLMI	466	>CTNNB1-D6 MATQAGLMI	496	30
>CTNNB1-D6 MATQADLMI	825	>CTNNB1-D6 MATQAGLMI	398	427
>CTNNB1-D6 MATQADLMI	339	>CTNNB1-D6 MATQAGLMI	481	142
>CTNNB1-D6 MATQADLM	283	>CTNNB1-D6 MATQAGLM	92	191

>CTNNB1-D6 MATQADLMI	122	>CTNNB1-D6 MATQAGLMI	41	81
>CTNNB1-D6 MATQADLM	19	>CTNNB1-D6 MATQAGLM	33	14
>CTNNB1-D6 MATQADLM	491	>CTNNB1-D6 MATQAGLM	1395	904
>CTNNB1-D6 MATQADLM	199	>CTNNB1-D6 MATQAGLM	596	397
>CTNNB1-D6 MATQADLMI	283	>CTNNB1-D6 MATQAGLMI	527	244
>CTNNB1-D6 MATQADLM	459	>CTNNB1-D6 MATQAGLM	181	278
>CTNNB1-E1 EPDRKAAV	323	>CTNNB1-E1 KPDRKAAV	12091	11768
>CTNNB1-E1 EPDRKAAV	880	>CTNNB1-E1 KPDRKAAV	32	848
>CTNNB1-E1 EPDRKAAVST	83	>CTNNB1-E1 KPDRKAAVST	254	171
>CTNNB1-E1 EPDRKAAVST	15788	>CTNNB1-E1 KPDRKAAVST	413	15375
>CTNNB1-E1 EPDRKAAVST	13	>CTNNB1-E1 KPDRKAAVST	18	5
>CTNNB1-E1 MEPDRKAAV	112	>CTNNB1-E1 MKPDRKAAV	8999	8887
>CTNNB1-E1 MEPDRKAAV	196	>CTNNB1-E1 MKPDRKAAV	26750	26554
>CTNNB1-E1 AMEPDRKAA	855	>CTNNB1-E1 AMKPDRKAA	478	377
>CTNNB1-E1 AMEPDRKAA	5938	>CTNNB1-E1 AMKPDRKAA	330	5608
>CTNNB1-E1 AMEPDRKAA	346	>CTNNB1-E1 AMKPDRKAA	87	259
>CTNNB1-E1 AMEPDRKAA	46	>CTNNB1-E1 AMKPDRKAA	88	42
>CTNNB1-E1 AMEPDRKAA	71	>CTNNB1-E1 AMKPDRKAA	138	67
>CTNNB1-E1 AMEPDRKA	304	>CTNNB1-E1 AMKPDRKA	369	65
>CTNNB1-E1 AMEPDRKAA	241	>CTNNB1-E1 AMKPDRKAA	315	74
>CTNNB1-E1 AMEPDRKAA	3	>CTNNB1-E1 AMKPDRKAA	3	0
>CTNNB1-E1 AMEPDRKAA	12156	>CTNNB1-E1 AMKPDRKAA	333	11823
>CTNNB1-E1 AMEPDRKAA	11698	>CTNNB1-E1 AMKPDRKAA	320	11378
>CTNNB1-E1 AMEPDRKAA	4806	>CTNNB1-E1 AMKPDRKAA	456	4350
>CTNNB1-E1 AMEPDRKAA	3348	>CTNNB1-E1 AMKPDRKAA	252	3096
>CTNNB1-E1 MAMEPDRK/	299	>CTNNB1-E1 MAMKPDRK/	1481	1182
>CTNNB1-E1 MAMEPDRK/	258	>CTNNB1-E1 MAMKPDRK/	693	435
>CTNNB1-E1 MAMEPDRK/	165	>CTNNB1-E1 MAMKPDRK/	582	417
>CTNNB1-E1 MAMEPDRK/	45	>CTNNB1-E1 MAMKPDRK/	167	122
>CTNNB1-E1 MAMEPDRK/	35	>CTNNB1-E1 MAMKPDRK/	351	316
>CTNNB1-E1 MAMEPDRK/	453	>CTNNB1-E1 MAMKPDRK/	2743	2290
>CTNNB1-E1 MAMEPDRK/	76	>CTNNB1-E1 MAMKPDRK/	439	363
>CTNNB1-E1 MAMEPDRK	62	>CTNNB1-E1 MAMKPDRK	64	2
>CTNNB1-E1 MAMEPDRK	45	>CTNNB1-E1 MAMKPDRK	64	19
>CTNNB1-E1 MAMEPDRK/	108	>CTNNB1-E1 MAMKPDRK/	458	350
>CTNNB1-E1 MAMEPDRK/	7	>CTNNB1-E1 MAMKPDRK/	12	5
>CTNNB1-E1 MAMEPDRK/	24	>CTNNB1-E1 MAMKPDRK/	97	73
>CTNNB1-E1 MAMEPDRK/	667	>CTNNB1-E1 MAMKPDRK/	395	272
>CTNNB1-E1 MAMEPDRK/	372	>CTNNB1-E1 MAMKPDRK/	955	583
>CTNNB1-E1 MAMEPDRK/	285	>CTNNB1-E1 MAMKPDRK/	297	12
>CTNNB1-E1 DMAMEPDR	291	>CTNNB1-E1 DMAMKPDR	137	154
>CTNNB1-E1 DMAMEPDR	128	>CTNNB1-E1 DMAMKPDR	189	61
>CTNNB1-E1 MELDMAME	385	>CTNNB1-E1 MELDMAMK	231	154

>CTNNB1-E1.MELDMAME	395	>CTNNB1-E1.MELDMAMK	383	12
>CTNNB1-E1.MELDMAME	525	>CTNNB1-E1.MELDMAMK	376	149
>CTNNB1-E1.DLMELDMAN	34701	>CTNNB1-E1.DLMELDMAN	461	34240
>CTNNB1-E1.DLMELDMAN	22071	>CTNNB1-E1.DLMELDMAN	40	22031
>CTNNB1-E5.EEEDVDTSQ\	178	>CTNNB1-E5.KEEDVDTSQ\	366	188
>CTNNB1-E5.EEEDVDTSQ\	50	>CTNNB1-E5.KEEDVDTSQ\	12	38
>CTNNB1-E5.EEEDVDTSQ\	1960	>CTNNB1-E5.KEEDVDTSQ\	284	1676
>CTNNB1-E5.EEEDVDTSQ\	445	>CTNNB1-E5.KEEDVDTSQ\	1147	702
>CTNNB1-E5.EEEDVDTSQ\	3147	>CTNNB1-E5.KEEDVDTSQ\	285	2862
>CTNNB1-E5.EEEDVDTSQ\	4019	>CTNNB1-E5.KEEDVDTSQ\	215	3804
>CTNNB1-E5.PEEEDVDTSC	368	>CTNNB1-E5.PKEEDVDTSC	29167	28799
>CTNNB1-E5.NPEEEDVDTS	474	>CTNNB1-E5.NPKEEDVDTS	2008	1534
>CTNNB1-E5.LSGKGNPE	28675	>CTNNB1-E5.LSGKGNPK	395	28280
>CTNNB1-E5.SLSGKGNPE	21055	>CTNNB1-E5.SLSGKGNPK	141	20914
>CTNNB1-E5.SLSGKGNPE	24718	>CTNNB1-E5.SLSGKGNPK	78	24640
>CTNNB1-E5.EEDVDTSQV	208	>CTNNB1-E5.GEDVDTSQV	491	283
>CTNNB1-E5.EEDVDTSQVL	274	>CTNNB1-E5.GEDVDTSQVL	1212	938
>CTNNB1-E5.EEDVDTSQVL	601	>CTNNB1-E5.GEDVDTSQVL	459	142
>CTNNB1-E5.EEDVDTSQVL	1017	>CTNNB1-E5.GEDVDTSQVL	450	567
>CTNNB1-E5.EEDVDTSQVL	476	>CTNNB1-E5.GEDVDTSQVL	864	388
>CTNNB1-E5.EEDVDTSQV	464	>CTNNB1-E5.GEDVDTSQV	18	446
>CTNNB1-E5.EEDVDTSQVL	677	>CTNNB1-E5.GEDVDTSQVL	146	531
>CTNNB1-E5.EEEDVDTSQ\	178	>CTNNB1-E5.EGEDVDTSQ\	18050	17872
>CTNNB1-E5.EEEDVDTSQ\	50	>CTNNB1-E5.EGEDVDTSQ\	18862	18812
>CTNNB1-E5.EEEDVDTSQ\	445	>CTNNB1-E5.EGEDVDTSQ\	28172	27727
>CTNNB1-E5.PEEEDVDTSC	368	>CTNNB1-E5.PEGEDVDTSC	500	132
>CTNNB1-E5.NPEEEDVDTS	474	>CTNNB1-E5.NPEGEDVDTS	705	231
>CTNNB1-E5.EEDVDTSQV	208	>CTNNB1-E5.KEDVDTSQV	488	280
>CTNNB1-E5.EEDVDTSQVL	274	>CTNNB1-E5.KEDVDTSQVL	1020	746
>CTNNB1-E5.EEDVDTSQVL	601	>CTNNB1-E5.KEDVDTSQVL	284	317
>CTNNB1-E5.EEDVDTSQVL	476	>CTNNB1-E5.KEDVDTSQVL	1088	612
>CTNNB1-E5.EEDVDTSQV	464	>CTNNB1-E5.KEDVDTSQV	24	440
>CTNNB1-E5.EEDVDTSQVL	677	>CTNNB1-E5.KEDVDTSQVL	65	612
>CTNNB1-E5.EEEDVDTSQ\	178	>CTNNB1-E5.EKEDVDTSQ\	8937	8759
>CTNNB1-E5.EEEDVDTSQ\	636	>CTNNB1-E5.EKEDVDTSQ\	244	392
>CTNNB1-E5.EEEDVDTSQ\	50	>CTNNB1-E5.EKEDVDTSQ\	13270	13220
>CTNNB1-E5.EEEDVDTSQ\	445	>CTNNB1-E5.EKEDVDTSQ\	17492	17047
>CTNNB1-E5.PEEEDVDTSC	368	>CTNNB1-E5.PEKEDVDTSC	126	242
>CTNNB1-E5.NPEEEDVDTS	474	>CTNNB1-E5.NPEKEDVDTS	1167	693
>CTNNB1-E5.SGKGNPEE	11552	>CTNNB1-E5.SGKGNPEK	68	11484
>CTNNB1-E5.SLSGKGNPEE	20309	>CTNNB1-E5.SLSGKGNPEK	85	20224
>CTNNB1-E5.SLSGKGNPEE	31782	>CTNNB1-E5.SLSGKGNPEK	65	31717
>CTNNB1-E5.EDVDTSQV	205	>CTNNB1-E5.GDVDTSQV	175	30

>CTNNB1-E5.EEDVDTSQV	208	>CTNNB1-E5.EGDVDTSQV	22899	22691
>CTNNB1-E5.EEDVDTSQVL	274	>CTNNB1-E5.EGDVDTSQVI	3666	3392
>CTNNB1-E5.EEDVDTSQVLI	476	>CTNNB1-E5.EGDVDTSQVLI	36208	35732
>CTNNB1-E5.EEDVDTSQVLI	464	>CTNNB1-E5.EGDVDTSQVLI	37811	37347
>CTNNB1-E5.EEEDVDTSQV	178	>CTNNB1-E5.EEGDVDTSQV	294	116
>CTNNB1-E5.EEEDVDTSQVLI	50	>CTNNB1-E5.EEGDVDTSQVLI	331	281
>CTNNB1-E5.EEEDVDTSQVLI	839	>CTNNB1-E5.EEGDVDTSQVLI	432	407
>CTNNB1-E5.EEEDVDTSQVLI	445	>CTNNB1-E5.EEGDVDTSQVLI	2126	1681
>CTNNB1-E5.PEEEDVDTSQV	368	>CTNNB1-E5.PEEGDVDTSQV	1300	932
>CTNNB1-E5.NPEEEDVDTSQV	474	>CTNNB1-E5.NPEEGDVDTSQV	425	49
>CTNNB1-E5.EDVDTSQV	205	>CTNNB1-E5.KDVDTSQV	126	79
>CTNNB1-E5.EEDVDTSQV	208	>CTNNB1-E5.EKDVDTSQV	11902	11694
>CTNNB1-E5.EEDVDTSQVLI	274	>CTNNB1-E5.EKDVDTSQVLI	100	174
>CTNNB1-E5.EEDVDTSQVLI	476	>CTNNB1-E5.EKDVDTSQVLI	22177	21701
>CTNNB1-E5.EEDVDTSQVLI	464	>CTNNB1-E5.EKDVDTSQVLI	30139	29675
>CTNNB1-E5.SLSGKGNPEE	21739	>CTNNB1-E5.SLSGKGNPEE	469	21270
>CTNNB1-E5.SLSGKGNPEE	26024	>CTNNB1-E5.SLSGKGNPEE	140	25884
>CTNNB1-E5.EEEDVDTSQV	178	>CTNNB1-E5.EEKDVDTSQV	266	88
>CTNNB1-E5.EEEDVDTSQVLI	50	>CTNNB1-E5.EEKDVDTSQVLI	298	248
>CTNNB1-E5.EEEDVDTSQVLI	1960	>CTNNB1-E5.EEKDVDTSQVLI	395	1565
>CTNNB1-E5.EEEDVDTSQVLI	445	>CTNNB1-E5.EEKDVDTSQVLI	1897	1452
>CTNNB1-E5.PEEEDVDTSQV	368	>CTNNB1-E5.PEEKDVDTSQV	486	118
>CTNNB1-E5.NPEEEDVDTSQV	474	>CTNNB1-E5.NPEEKDVDTSQV	1238	764
>CTNNB1-E6.EQGFSQSF	4943	>CTNNB1-E6.KQGFSQSF	120	4823
>CTNNB1-E6.EQGFSQSF	74	>CTNNB1-E6.KQGFSQSF	38	36
>CTNNB1-E6.EQGFSQSF	24	>CTNNB1-E6.KQGFSQSF	4	20
>CTNNB1-E6.WEQGFSQSF	467	>CTNNB1-E6.WKQGFSQSF	14795	14328
>CTNNB1-E6.WEQGFSQSF	114	>CTNNB1-E6.WKQGFSQSF	1139	1025
>CTNNB1-E6.WEQGFSQSF	129	>CTNNB1-E6.WKQGFSQSF	224	95
>CTNNB1-E6.WEQGFSQSF	62	>CTNNB1-E6.WKQGFSQSF	5	57
>CTNNB1-E6.WEQGFSQSF	5	>CTNNB1-E6.WKQGFSQSF	1421	1416
>CTNNB1-E6.WEQGFSQSF	43	>CTNNB1-E6.WKQGFSQSF	14839	14796
>CTNNB1-E6.WEQGFSQSF	73	>CTNNB1-E6.WKQGFSQSF	15266	15193
>CTNNB1-E6.WEQGFSQSF	77	>CTNNB1-E6.WKQGFSQSF	14140	14063
>CTNNB1-E6.WEQGFSQSF	220	>CTNNB1-E6.WKQGFSQSF	12479	12259
>CTNNB1-E6.WEQGFSQSF	213	>CTNNB1-E6.WKQGFSQSF	20823	20610
>CTNNB1-E6.WEQGFSQSF	105	>CTNNB1-E6.WKQGFSQSF	21299	21194
>CTNNB1-E6.WEQGFSQSF	47	>CTNNB1-E6.WKQGFSQSF	15567	15520
>CTNNB1-E6.EWEQGFSQS	261	>CTNNB1-E6.EWKQGFSQS	129	132
>CTNNB1-E6.EWEQGFSQS	525	>CTNNB1-E6.EWKQGFSQS	151	374
>CTNNB1-E6.EWEQGFSQS	91	>CTNNB1-E6.EWKQGFSQS	52	39
>CTNNB1-E6.EWEQGFSQS	305	>CTNNB1-E6.EWKQGFSQS	427	122
>CTNNB1-E6.YEWKQGFSS	98	>CTNNB1-E6.YEWKQGFSS	82	16

>CTNNB1-E6 YEWEQGFSSQ	100	>CTNNB1-E6 YEWKQGFSSQ	153	53
>CTNNB1-E6 YEWEQGFSSQ	128	>CTNNB1-E6 YEWKQGFSSQ	115	13
>CTNNB1-E6 YEWEQGFSSQ	98	>CTNNB1-E6 YEWKQGFSSQ	138	40
>CTNNB1-E6 YEWEQGFSSQ	6	>CTNNB1-E6 YEWKQGFSSQ	5	1
>CTNNB1-E6 YEWEQGFSSQ	15	>CTNNB1-E6 YEWKQGFSSQ	43	28
>CTNNB1-E6 YEWEQGFSSQ	4	>CTNNB1-E6 YEWKQGFSSQ	5	1
>CTNNB1-E6 YEWEQGFSSQ	63	>CTNNB1-E6 YEWKQGFSSQ	172	109
>CTNNB1-E6 YEWEQGFSSQ	109	>CTNNB1-E6 YEWKQGFSSQ	179	70
>CTNNB1-E6 YEWEQGFSSQ	423	>CTNNB1-E6 YEWKQGFSSQ	584	161
>CTNNB1-E6 YEWEQGFSSQ	613	>CTNNB1-E6 YEWKQGFSSQ	459	154
>CTNNB1-E6 YEWEQGFSSQ	63	>CTNNB1-E6 YEWKQGFSSQ	73	10
>CTNNB1-E6 YEWEQGFSSQ	209	>CTNNB1-E6 YEWKQGFSSQ	221	12
>CTNNB1-E6 YEWEQGFSSQ	82	>CTNNB1-E6 YEWKQGFSSQ	130	48
>CTNNB1-E6 YEWEQGFSSQ	30	>CTNNB1-E6 YEWKQGFSSQ	47	17
>CTNNB1-E6 LYEWKQGF	328	>CTNNB1-E6 LYEWKQGF	506	178
>CTNNB1-E6 LYEWKQGF	16	>CTNNB1-E6 LYEWKQGF	23	7
>CTNNB1-E6 VLYEWKQGF	90	>CTNNB1-E6 VLYEWKQGF	92	2
>CTNNB1-E6 VLYEWKQGF	293	>CTNNB1-E6 VLYEWKQGF	462	169
>CTNNB1-E6 VLYEWKQGF	22	>CTNNB1-E6 VLYEWKQGF	53	31
>CTNNB1-E6 VLYEWKQGF	4	>CTNNB1-E6 VLYEWKQGF	4	0
>CTNNB1-E6 VLYEWKQGF!	14	>CTNNB1-E6 VLYEWKQGF!	14	0
>CTNNB1-E6 VLYEWKQGF!	6	>CTNNB1-E6 VLYEWKQGF!	10	4
>CTNNB1-E6 VLYEWKQGF	222	>CTNNB1-E6 VLYEWKQGF	408	186
>CTNNB1-E6 VLYEWKQGF!	128	>CTNNB1-E6 VLYEWKQGF!	294	166
>CTNNB1-E6 VLYEWKQGF	432	>CTNNB1-E6 VLYEWKQGF	1180	748
>CTNNB1-E6 VLYEWKQGF	125	>CTNNB1-E6 VLYEWKQGF	336	211
>CTNNB1-E6 VLYEWKQGF!	129	>CTNNB1-E6 VLYEWKQGF!	199	70
>CTNNB1-E6 VLYEWKQGF!	20	>CTNNB1-E6 VLYEWKQGF!	37	17
>CTNNB1-E6 VLYEWKQGF	193	>CTNNB1-E6 VLYEWKQGF	412	219
>CTNNB1-E6 VLYEWKQGF	13	>CTNNB1-E6 VLYEWKQGF	15	2
>CTNNB1-E6 VLYEWKQGF!	71	>CTNNB1-E6 VLYEWKQGF!	83	12
>CTNNB1-E6 VLYEWKQGF!	4	>CTNNB1-E6 VLYEWKQGF!	6	2
>CTNNB1-E6 VLYEWKQGF	153	>CTNNB1-E6 VLYEWKQGF	118	35
>CTNNB1-E6 VLYEWKQGF	146	>CTNNB1-E6 VLYEWKQGF	91	55
>CTNNB1-E6 VLYEWKQGF	50	>CTNNB1-E6 VLYEWKQGF	70	20
>CTNNB1-E6 VLYEWKQGF	63	>CTNNB1-E6 VLYEWKQGF	82	19
>CTNNB1-E6 QVLYEWKQGF	151	>CTNNB1-E6 QVLYEWKQGF	328	177
>CTNNB1-E6 QVLYEWKQGF	492	>CTNNB1-E6 QVLYEWKQGF	402	90
>CTNNB1-E6 SQVLYEWKQ	185	>CTNNB1-E6 SQVLYEWKQ	274	89
>CTNNB1-E6 SQVLYEWK	27085	>CTNNB1-E6 SQVLYEWK	120	26965
>CTNNB1-E6 SQVLYEWKQ	272	>CTNNB1-E6 SQVLYEWKQ	309	37
>CTNNB1-E6 SQVLYEWKQ	24	>CTNNB1-E6 SQVLYEWKQ	33	9
>CTNNB1-E6 TSQVLYEWK	22597	>CTNNB1-E6 TSQVLYEWK	36	22561

>CTNNB1-E6 TSQVLYEWE	15593	>CTNNB1-E6 TSQVLYEWK	425	15168
>CTNNB1-E6 TSQVLYEWE	19307	>CTNNB1-E6 TSQVLYEWK	156	19151
>CTNNB1-E6 TSQVLYEWE	8424	>CTNNB1-E6 TSQVLYEWK	233	8191
>CTNNB1-E6 DTSQVLYEWI	30391	>CTNNB1-E6 DTSQVLYEWI	41	30350
>CTNNB1-E6 DTSQVLYEWI	15054	>CTNNB1-E6 DTSQVLYEWI	12	15042
>CTNNB1-E6 DTSQVLYEWI	285	>CTNNB1-E6 DTSQVLYEWI	394	109
>CTNNB1-E6 DTSQVLYEWI	11107	>CTNNB1-E6 DTSQVLYEWI	347	10760
>CTNNB1-G2 GSPVDSVLFY	314	>CTNNB1-G2 ASPVDSVLFY	156	158
>CTNNB1-G2 GSPVDSVLFY	231	>CTNNB1-G2 ASPVDSVLFY	85	146
>CTNNB1-G2 GSPVDSVLFY	3861	>CTNNB1-G2 ASPVDSVLFY	379	3482
>CTNNB1-G2 GSPVDSVLFY	102	>CTNNB1-G2 ASPVDSVLFY	76	26
>CTNNB1-G2 GSPVDSVLFY	317	>CTNNB1-G2 ASPVDSVLFY	156	161
>CTNNB1-G2 GSPVDSVLF	1845	>CTNNB1-G2 ASPVDSVLF	433	1412
>CTNNB1-G2 GSPVDSVLF	955	>CTNNB1-G2 ASPVDSVLF	154	801
>CTNNB1-G2 GSPVDSVLFY	253	>CTNNB1-G2 ASPVDSVLFY	58	195
>CTNNB1-G2 GSPVDSVL	146	>CTNNB1-G2 ASPVDSVL	37	109
>CTNNB1-G2 GSPVDSVLF	12	>CTNNB1-G2 ASPVDSVLF	6	6
>CTNNB1-G2 GSPVDSVLFY	270	>CTNNB1-G2 ASPVDSVLFY	114	156
>CTNNB1-G2 GSPVDSVLFY	232	>CTNNB1-G2 ASPVDSVLFY	90	142
>CTNNB1-G2 GSPVDSVLFY	124	>CTNNB1-G2 ASPVDSVLFY	96	28
>CTNNB1-G2 LGSPVDSVLF'	2562	>CTNNB1-G2 LASPVDSVLF'	230	2332
>CTNNB1-G2 LGSPVDSV	689	>CTNNB1-G2 LASPVDSV	173	516
>CTNNB1-G2 LGSPVDSV	6975	>CTNNB1-G2 LASPVDSV	457	6518
>CTNNB1-G2 LGSPVDSV	2460	>CTNNB1-G2 LASPVDSV	225	2235
>CTNNB1-G2 LGSPVDSV	4499	>CTNNB1-G2 LASPVDSV	409	4090
>CTNNB1-G2 LGSPVDSV	3766	>CTNNB1-G2 LASPVDSV	103	3663
>CTNNB1-G2 LGSPVDSVLF'	162	>CTNNB1-G2 LASPVDSVLF'	51	111
>CTNNB1-G2 LGSPVDSVLF'	101	>CTNNB1-G2 LASPVDSVLF'	86	15
>CTNNB1-G2 LGSPVDSVLF'	7388	>CTNNB1-G2 LASPVDSVLF'	444	6944
>CTNNB1-G2 LGSPVDSV	1377	>CTNNB1-G2 LASPVDSV	73	1304
>CTNNB1-G2 LGSPVDSVLF'	852	>CTNNB1-G2 LASPVDSVLF'	269	583
>CTNNB1-G2 LGSPVDSVLF	540	>CTNNB1-G2 LASPVDSVLF	206	334
>CTNNB1-G2 LGSPVDSVLF'	170	>CTNNB1-G2 LASPVDSVLF'	88	82
>CTNNB1-G2 LGSPVDSVLF	814	>CTNNB1-G2 LASPVDSVLF	132	682
>CTNNB1-G2 LGSPVDSVLF'	2088	>CTNNB1-G2 LASPVDSVLF'	346	1742
>CTNNB1-G2 LGSPVDSVL	5531	>CTNNB1-G2 LASPVDSVL	150	5381
>CTNNB1-G2 LGSPVDSVLF	1180	>CTNNB1-G2 LASPVDSVLF	18	1162
>CTNNB1-G2 LGSPVDSVLF'	261	>CTNNB1-G2 LASPVDSVLF'	9	252
>CTNNB1-G2 LGSPVDSVL	1227	>CTNNB1-G2 LASPVDSVL	105	1122
>CTNNB1-G2 LGSPVDSVLF'	252	>CTNNB1-G2 LASPVDSVLF'	25	227
>CTNNB1-G2 LGSPVDSVLF'	6221	>CTNNB1-G2 LASPVDSVLF'	244	5977
>CTNNB1-G2 LGSPVDSVLF	4723	>CTNNB1-G2 LASPVDSVLF	298	4425
>CTNNB1-G2 LGSPVDSVLF'	4585	>CTNNB1-G2 LASPVDSVLF'	259	4326

>CTNNB1-G2 LGSPVDSVL	2816	>CTNNB1-G2 LASPVDSVL	67	2749
>CTNNB1-G2 LGSPVDSVLF	255	>CTNNB1-G2 LASPVDSVLF	21	234
>CTNNB1-G2 LGSPVDSVLF'	194	>CTNNB1-G2 LASPVDSVLF'	19	175
>CTNNB1-G2 LGSPVDSVL	101	>CTNNB1-G2 LASPVDSVL	64	37
>CTNNB1-G2 LGSPVDSVLF	60	>CTNNB1-G2 LASPVDSVLF	81	21
>CTNNB1-G2 LGSPVDSVLF'	131	>CTNNB1-G2 LASPVDSVLF'	85	46
>CTNNB1-G2 LGSPVDSVLF'	4069	>CTNNB1-G2 LASPVDSVLF'	366	3703
>CTNNB1-G2 LGSPVDSVL	624	>CTNNB1-G2 LASPVDSVL	108	516
>CTNNB1-G2 MLGSPVDSV	38	>CTNNB1-G2 MLASPVDSV	13	25
>CTNNB1-G2 MLGSPVDSVI	520	>CTNNB1-G2 MLASPVDSVI	313	207
>CTNNB1-G2 MLGSPVDSV	7	>CTNNB1-G2 MLASPVDSV	2	5
>CTNNB1-G2 MLGSPVDSVI	19	>CTNNB1-G2 MLASPVDSVI	10	9
>CTNNB1-G2 MLGSPVDSVI	512	>CTNNB1-G2 MLASPVDSVI	34	478
>CTNNB1-G2 MLGSPVDSV	6	>CTNNB1-G2 MLASPVDSV	2	4
>CTNNB1-G2 MLGSPVDSVI	113	>CTNNB1-G2 MLASPVDSVI	57	56
>CTNNB1-G2 MLGSPVDSV	89	>CTNNB1-G2 MLASPVDSV	14	75
>CTNNB1-G2 MLGSPVDSV	2	>CTNNB1-G2 MLASPVDSV	2	0
>CTNNB1-G2 MLGSPVDSVI	9	>CTNNB1-G2 MLASPVDSVI	9	0
>CTNNB1-G2 MLGSPVDSV	4	>CTNNB1-G2 MLASPVDSV	5	1
>CTNNB1-G2 MLGSPVDSVI	36	>CTNNB1-G2 MLASPVDSVI	41	5
>CTNNB1-G2 MLGSPVDSV	8	>CTNNB1-G2 MLASPVDSV	6	2
>CTNNB1-G2 MLGSPVDSVI	51	>CTNNB1-G2 MLASPVDSVI	25	26
>CTNNB1-G2 MLGSPVDSV	2	>CTNNB1-G2 MLASPVDSV	2	0
>CTNNB1-G2 MLGSPVDSVI	61	>CTNNB1-G2 MLASPVDSVI	28	33
>CTNNB1-G2 MLGSPVDSV	2	>CTNNB1-G2 MLASPVDSV	2	0
>CTNNB1-G2 MLGSPVDSVI	6	>CTNNB1-G2 MLASPVDSVI	4	2
>CTNNB1-G2 MLGSPVDSVI	944	>CTNNB1-G2 MLASPVDSVI	366	578
>CTNNB1-G2 MLGSPVDSVI	613	>CTNNB1-G2 MLASPVDSVI	438	175
>CTNNB1-G2 MLGSPVDSV	165	>CTNNB1-G2 MLASPVDSV	13	152
>CTNNB1-G2 MLGSPVDSV	224	>CTNNB1-G2 MLASPVDSV	34	190
>CTNNB1-G2 MLGSPVDSVI	502	>CTNNB1-G2 MLASPVDSVI	265	237
>CTNNB1-G2 MLGSPVDSVI	131	>CTNNB1-G2 MLASPVDSVI	82	49
>CTNNB1-G2 MLGSPVDSVI	580	>CTNNB1-G2 MLASPVDSVI	156	424
>CTNNB1-G2 MLGSPVDSVI	1425	>CTNNB1-G2 MLASPVDSVI	276	1149
>CTNNB1-G2 MLGSPVDSVI	79	>CTNNB1-G2 MLASPVDSVI	16	63
>CTNNB1-G2 MLGSPVDSVI	1611	>CTNNB1-G2 MLASPVDSVI	223	1388
>CTNNB1-G2 MLGSPVDSVI	5868	>CTNNB1-G2 MLASPVDSVI	435	5433
>CTNNB1-G2 MLGSPVDSVI	1278	>CTNNB1-G2 MLASPVDSVI	308	970
>CTNNB1-G2 KMLGSPVDS\	1488	>CTNNB1-G2 KMLASPVDS\	293	1195
>CTNNB1-G2 KMLGSPVDS\	16	>CTNNB1-G2 KMLASPVDS\	17	1
>CTNNB1-G2 KMLGSPVDS\	74	>CTNNB1-G2 KMLASPVDS\	49	25
>CTNNB1-G2 KMLGSPVDS\	16	>CTNNB1-G2 KMLASPVDS\	16	0
>CTNNB1-G2 KMLGSPVDS\	261	>CTNNB1-G2 KMLASPVDS\	192	69



>CTNNB1-G2 KMLGSPVDS\	15	>CTNNB1-G2 KMLASPVDS\	13	2
>CTNNB1-G2 KMLGSPVDS\	276	>CTNNB1-G2 KMLASPVDS\	168	108
>CTNNB1-G2 KMLGSPVDS\	43	>CTNNB1-G2 KMLASPVDS\	52	9
>CTNNB1-G2 KMLGSPVDS\	301	>CTNNB1-G2 KMLASPVDS\	204	97
>CTNNB1-G2 KMLGSPVDS\	2	>CTNNB1-G2 KMLASPVDS\	2	0
>CTNNB1-G2 KMLGSPVDS\	6	>CTNNB1-G2 KMLASPVDS\	7	1
>CTNNB1-G2 KMLGSPVDS\	3	>CTNNB1-G2 KMLASPVDS\	3	0
>CTNNB1-G2 KMLGSPVDS\	10	>CTNNB1-G2 KMLASPVDS\	9	1
>CTNNB1-G2 KMLGSPVDS\	5	>CTNNB1-G2 KMLASPVDS\	5	0
>CTNNB1-G2 KMLGSPVDS\	10	>CTNNB1-G2 KMLASPVDS\	12	2
>CTNNB1-G2 KMLGSPVDS\	3	>CTNNB1-G2 KMLASPVDS\	3	0
>CTNNB1-G2 KMLGSPVDS\	26	>CTNNB1-G2 KMLASPVDS\	45	19
>CTNNB1-G2 KMLGSPVDS\	3	>CTNNB1-G2 KMLASPVDS\	4	1
>CTNNB1-G2 KMLGSPVDS\	14	>CTNNB1-G2 KMLASPVDS\	28	14
>CTNNB1-G2 KMLGSPVDS\	54	>CTNNB1-G2 KMLASPVDS\	85	31
>CTNNB1-G2 KMLGSPVDS\	50	>CTNNB1-G2 KMLASPVDS\	86	36
>CTNNB1-G2 KMLGSPVDS\	705	>CTNNB1-G2 KMLASPVDS\	373	332
>CTNNB1-G2 KMLGSPVDS	2081	>CTNNB1-G2 KMLASPVDS	309	1772
>CTNNB1-G2 KMLGSPVDS\	94	>CTNNB1-G2 KMLASPVDS\	26	68
>CTNNB1-G2 KMLGSPVDS\	49	>CTNNB1-G2 KMLASPVDS\	18	31
>CTNNB1-G2 KMLGSPVDS\	261	>CTNNB1-G2 KMLASPVDS\	253	8
>CTNNB1-G2 KMLGSPVDS\	377	>CTNNB1-G2 KMLASPVDS\	244	133
>CTNNB1-G2 KMLGSPVDS\	182	>CTNNB1-G2 KMLASPVDS\	130	52
>CTNNB1-G2 KMLGSPVDS\	306	>CTNNB1-G2 KMLASPVDS\	140	166
>CTNNB1-G2 VKMLGSPV	43	>CTNNB1-G2 VKMLASPV	46	3
>CTNNB1-G2 VKMLGSPVD:	120	>CTNNB1-G2 VKMLASPV:	106	14
>CTNNB1-G2 LVKMLGSPV	23	>CTNNB1-G2 LVKMLASPV	22	1
>CTNNB1-G2 LVKMLGSPV	806	>CTNNB1-G2 LVKMLASPV	409	397
>CTNNB1-G2 LVKMLGSPV	126	>CTNNB1-G2 LVKMLASPV	85	41
>CTNNB1-G2 LVKMLGSPV	142	>CTNNB1-G2 LVKMLASPV	130	12
>CTNNB1-G2 LVKMLGSPV	1451	>CTNNB1-G2 LVKMLASPV	438	1013
>CTNNB1-G2 LVKMLGSPV	222	>CTNNB1-G2 LVKMLASPV	512	290
>CTNNB1-G2 LVKMLGSPV	318	>CTNNB1-G2 LVKMLASPV	287	31
>CTNNB1-G2 ALVKMLGSP\	219	>CTNNB1-G2 ALVKMLASP\	252	33
>CTNNB1-G2 ALVKMLGSP\	87	>CTNNB1-G2 ALVKMLASP\	66	21
>CTNNB1-G2 ALVKMLGSP\	25	>CTNNB1-G2 ALVKMLASP\	20	5
>CTNNB1-G2 ALVKMLGSP\	97	>CTNNB1-G2 ALVKMLASP\	191	94
>CTNNB1-G2 ALVKMLGSP\	7	>CTNNB1-G2 ALVKMLASP\	6	1
>CTNNB1-G2 ALVKMLGSP\	14	>CTNNB1-G2 ALVKMLASP\	8	6
>CTNNB1-G2 ALVKMLGSP\	15	>CTNNB1-G2 ALVKMLASP\	11	4
>CTNNB1-G2 ALVKMLGSP\	468	>CTNNB1-G2 ALVKMLASP\	98	370
>CTNNB1-G2 ALVKMLGSP\	3	>CTNNB1-G2 ALVKMLASP\	2	1
>CTNNB1-G2 IPALVKMLG	231	>CTNNB1-G2 IPALVKMLA	12	219

>CTNNB1-G2 IPALVKMLGS	381	>CTNNB1-G2 IPALVKMLAS	268	113
>CTNNB1-G3 GIHSGATTTA	432	>CTNNB1-G3 EIHSGATTTA	2761	2329
>CTNNB1-G3 GIHSGATTTA	276	>CTNNB1-G3 EIHSGATTTA	893	617
>CTNNB1-G3 GIHSGATTTA	362	>CTNNB1-G3 EIHSGATTTA	3702	3340
>CTNNB1-G3 SGIHSGAT	38807	>CTNNB1-G3 SEIHSGAT	172	38635
>CTNNB1-G3 SGIHSGATTT	36861	>CTNNB1-G3 SEIHSGATTT	468	36393
>CTNNB1-G3 SGIHSGATTT	28613	>CTNNB1-G3 SEIHSGATTT	244	28369
>CTNNB1-G3 SGIHSGAT	37611	>CTNNB1-G3 SEIHSGAT	74	37537
>CTNNB1-G3 SGIHSGATT	38530	>CTNNB1-G3 SEIHSGATT	85	38445
>CTNNB1-G3 SGIHSGATTT	20355	>CTNNB1-G3 SEIHSGATTT	107	20248
>CTNNB1-G3 SGIHSGATTT,	32546	>CTNNB1-G3 SEIHSGATTT/	17	32529
>CTNNB1-G3 HWQQQSYLLE	297	>CTNNB1-G3 HWQQQSYLLE	343	46
>CTNNB1-G3 YLDSGIHSGA	78	>CTNNB1-G3 YLDSEIHSGA	61	17
>CTNNB1-G3 YLDSGIHSGA	212	>CTNNB1-G3 YLDSEIHSGA	274	62
>CTNNB1-G3 YLDSGIHSG	278	>CTNNB1-G3 YLDSEIHSG	118	160
>CTNNB1-G3 YLDSGIHSGA	24	>CTNNB1-G3 YLDSEIHSGA	33	9
>CTNNB1-G3 YLDSGIHSGA	284	>CTNNB1-G3 YLDSEIHSGA	175	109
>CTNNB1-G3 YLDSGIHSGA	32	>CTNNB1-G3 YLDSEIHSGA	31	1
>CTNNB1-G3 YLDSGIHSGA	78	>CTNNB1-G3 YLDSEIHSGA	158	80
>CTNNB1-G3 YLDSGIHS	419	>CTNNB1-G3 YLDSEIHS	926	507
>CTNNB1-G3 YLDSGIHSGA	280	>CTNNB1-G3 YLDSEIHSGA	203	77
>CTNNB1-G3 YLDSGIHSGA	178	>CTNNB1-G3 YLDSEIHSGA	367	189
>CTNNB1-G3 YLDSGIHS	47	>CTNNB1-G3 YLDSEIHS	98	51
>CTNNB1-G3 YLDSGIHSG	15	>CTNNB1-G3 YLDSEIHSG	28	13
>CTNNB1-G3 YLDSGIHSGA	2	>CTNNB1-G3 YLDSEIHSGA	3	1
>CTNNB1-G3 YLDSGIHSGA	12	>CTNNB1-G3 YLDSEIHSGA	17	5
>CTNNB1-G3 YLDSGIHS	395	>CTNNB1-G3 YLDSEIHS	651	256
>CTNNB1-G3 YLDSGIHSG	139	>CTNNB1-G3 YLDSEIHSG	181	42
>CTNNB1-G3 YLDSGIHSGA	8	>CTNNB1-G3 YLDSEIHSGA	8	0
>CTNNB1-G3 YLDSGIHSGA	83	>CTNNB1-G3 YLDSEIHSGA	106	23
>CTNNB1-G3 YLDSGIHS	101	>CTNNB1-G3 YLDSEIHS	169	68
>CTNNB1-G3 YLDSGIHSG	140	>CTNNB1-G3 YLDSEIHSG	393	253
>CTNNB1-G3 YLDSGIHSGA	7	>CTNNB1-G3 YLDSEIHSGA	7	0
>CTNNB1-G3 YLDSGIHSGA	121	>CTNNB1-G3 YLDSEIHSGA	219	98
>CTNNB1-G3 YLDSGIHSGA	7	>CTNNB1-G3 YLDSEIHSGA	8	1
>CTNNB1-G3 YLDSGIHSGA	255	>CTNNB1-G3 YLDSEIHSGA	439	184
>CTNNB1-G3 YLDSGIHS	66	>CTNNB1-G3 YLDSEIHS	124	58
>CTNNB1-G3 YLDSGIHSG	13	>CTNNB1-G3 YLDSEIHSG	37	24
>CTNNB1-G3 YLDSGIHSGA	2	>CTNNB1-G3 YLDSEIHSGA	2	0
>CTNNB1-G3 YLDSGIHSGA	36	>CTNNB1-G3 YLDSEIHSGA	58	22
>CTNNB1-G3 SYLDSGIHSG/	410	>CTNNB1-G3 SYLDSEIHSG/	619	209
>CTNNB1-G3 QSYLDSEI	46	>CTNNB1-G3 QSYLDSEI	71	25
>CTNNB1-G3 QSYLDSEI	22	>CTNNB1-G3 QSYLDSEI	28	6

>CTNNB1-G3 QQSYLDSGI	417	>CTNNB1-G3 QQSYLDSEI	143	274
>CTNNB1-G3 QQQSYLDSGI	381	>CTNNB1-G3 QQQSYLDSEI	178	203
>CTNNB1-G3 WQQQSYLDS	638	>CTNNB1-G3 WQQQSYLDS	454	184
>CTNNB1-G3 WQQQSYLDS	268	>CTNNB1-G3 WQQQSYLDS	312	44
>CTNNB1-G3 WQQQSYLDS	431	>CTNNB1-G3 WQQQSYLDS	382	49
>CTNNB1-G3 WQQQSYLDS	187	>CTNNB1-G3 WQQQSYLDS	87	100
>CTNNB1-G3 GIHSGATTTA	432	>CTNNB1-G3 RIHSGATTTA	507	75
>CTNNB1-G3 GIHSGATTTA	276	>CTNNB1-G3 RIHSGATTTA	178	98
>CTNNB1-G3 GIHSGATTTA	362	>CTNNB1-G3 RIHSGATTTA	530	168
>CTNNB1-G3 GIHSGATTTA	2370	>CTNNB1-G3 RIHSGATTTA	50	2320
>CTNNB1-G3 GIHSGATTTA	11218	>CTNNB1-G3 RIHSGATTTA	469	10749
>CTNNB1-G3 SGIHSGATTT,	7248	>CTNNB1-G3 SRIHSGATTT/	296	6952
>CTNNB1-G3 HWQQQSYLL	23937	>CTNNB1-G3 HWQQQSYLL	446	23491
>CTNNB1-G3 HWQQQSYLL	11311	>CTNNB1-G3 HWQQQSYLL	16	11295
>CTNNB1-G3 HWQQQSYLL	297	>CTNNB1-G3 HWQQQSYLL	328	31
>CTNNB1-G3 YLDSGIHSGA	78	>CTNNB1-G3 YLDSRIHSGA	234	156
>CTNNB1-G3 YLDSGIHSGA`	212	>CTNNB1-G3 YLDSRIHSGA`	272	60
>CTNNB1-G3 YLDSGIHSG	278	>CTNNB1-G3 YLDSRIHSG	284	6
>CTNNB1-G3 YLDSGIHSGA	24	>CTNNB1-G3 YLDSRIHSGA	62	38
>CTNNB1-G3 YLDSGIHSGA`	284	>CTNNB1-G3 YLDSRIHSGA`	281	3
>CTNNB1-G3 YLDSGIHSGA	32	>CTNNB1-G3 YLDSRIHSGA	39	7
>CTNNB1-G3 YLDSGIHSGA`	78	>CTNNB1-G3 YLDSRIHSGA`	105	27
>CTNNB1-G3 YLDSGIHS	419	>CTNNB1-G3 YLDSRIHS	947	528
>CTNNB1-G3 YLDSGIHSGA	280	>CTNNB1-G3 YLDSRIHSGA	539	259
>CTNNB1-G3 YLDSGIHSGA`	178	>CTNNB1-G3 YLDSRIHSGA`	367	189
>CTNNB1-G3 YLDSGIHS	47	>CTNNB1-G3 YLDSRIHS	177	130
>CTNNB1-G3 YLDSGIHSG	15	>CTNNB1-G3 YLDSRIHSG	32	17
>CTNNB1-G3 YLDSGIHSGA	2	>CTNNB1-G3 YLDSRIHSGA	3	1
>CTNNB1-G3 YLDSGIHSGA`	12	>CTNNB1-G3 YLDSRIHSGA`	18	6
>CTNNB1-G3 YLDSGIHS	395	>CTNNB1-G3 YLDSRIHS	1571	1176
>CTNNB1-G3 YLDSGIHSG	139	>CTNNB1-G3 YLDSRIHSG	274	135
>CTNNB1-G3 YLDSGIHSGA	8	>CTNNB1-G3 YLDSRIHSGA	11	3
>CTNNB1-G3 YLDSGIHSGA`	83	>CTNNB1-G3 YLDSRIHSGA`	140	57
>CTNNB1-G3 YLDSGIHS	101	>CTNNB1-G3 YLDSRIHS	401	300
>CTNNB1-G3 YLDSGIHSG	140	>CTNNB1-G3 YLDSRIHSG	514	374
>CTNNB1-G3 YLDSGIHSGA	7	>CTNNB1-G3 YLDSRIHSGA	9	2
>CTNNB1-G3 YLDSGIHSGA`	121	>CTNNB1-G3 YLDSRIHSGA`	263	142
>CTNNB1-G3 YLDSGIHSGA	7	>CTNNB1-G3 YLDSRIHSGA	17	10
>CTNNB1-G3 YLDSGIHSGA`	255	>CTNNB1-G3 YLDSRIHSGA`	740	485
>CTNNB1-G3 YLDSGIHS	66	>CTNNB1-G3 YLDSRIHS	104	38
>CTNNB1-G3 YLDSGIHSG	13	>CTNNB1-G3 YLDSRIHSG	31	18
>CTNNB1-G3 YLDSGIHSGA	2	>CTNNB1-G3 YLDSRIHSGA	3	1
>CTNNB1-G3 YLDSGIHSGA`	36	>CTNNB1-G3 YLDSRIHSGA`	55	19

>CTNNB1-G3 SYLDSGIHSG/	1218	>CTNNB1-G3 SYLDSRIHSG/	419	799
>CTNNB1-G3 SYLDSGIHSG/	410	>CTNNB1-G3 SYLDSRIHSG/	268	142
>CTNNB1-G3 QSYLDSGI	46	>CTNNB1-G3 QSYLDSRI	41	5
>CTNNB1-G3 QSYLDSGI	22	>CTNNB1-G3 QSYLDSRI	27	5
>CTNNB1-G3 QQSYLDSGI	417	>CTNNB1-G3 QQSYLDSRI	694	277
>CTNNB1-G3 QQQSYLDSG	23645	>CTNNB1-G3 QQQSYLDSR	341	23304
>CTNNB1-G3 QQQSYLDSGI	381	>CTNNB1-G3 QQQSYLDSRI	533	152
>CTNNB1-G3 WQQQSYLDS	268	>CTNNB1-G3 WQQQSYLDS	1095	827
>CTNNB1-G3 WQQQSYLDS	431	>CTNNB1-G3 WQQQSYLDS	596	165
>CTNNB1-G3 WQQQSYLDS	187	>CTNNB1-G3 WQQQSYLDS	266	79
>CTNNB1-G3 GIHSGATTTA	432	>CTNNB1-G3 VIHSGATTTA	969	537
>CTNNB1-G3 GIHSGATTTA	276	>CTNNB1-G3 VIHSGATTTA	346	70
>CTNNB1-G3 GIHSGATTTA	362	>CTNNB1-G3 VIHSGATTTA	118	244
>CTNNB1-G3 SGIHSGATTT/	8661	>CTNNB1-G3 SVIHSGATTT/	70	8591
>CTNNB1-G3 SGIHSGATTT/	5002	>CTNNB1-G3 SVIHSGATTT/	207	4795
>CTNNB1-G3 SGIHSGATTT/	7798	>CTNNB1-G3 SVIHSGATTT/	145	7653
>CTNNB1-G3 HWQQQSYL	297	>CTNNB1-G3 HWQQQSYL	112	185
>CTNNB1-G3 YLDSGIHS	603	>CTNNB1-G3 YLDSVIHS	165	438
>CTNNB1-G3 YLDSGIHSG	773	>CTNNB1-G3 YLDSVIHSG	408	365
>CTNNB1-G3 YLDSGIHSGA	78	>CTNNB1-G3 YLDSVIHSGA	106	28
>CTNNB1-G3 YLDSGIHSGA`	212	>CTNNB1-G3 YLDSVIHSGA`	163	49
>CTNNB1-G3 YLDSGIHS	1509	>CTNNB1-G3 YLDSVIHS	339	1170
>CTNNB1-G3 YLDSGIHSG	278	>CTNNB1-G3 YLDSVIHSG	80	198
>CTNNB1-G3 YLDSGIHSGA	24	>CTNNB1-G3 YLDSVIHSGA	32	8
>CTNNB1-G3 YLDSGIHSGA`	284	>CTNNB1-G3 YLDSVIHSGA`	130	154
>CTNNB1-G3 YLDSGIHSGA	32	>CTNNB1-G3 YLDSVIHSGA	34	2
>CTNNB1-G3 YLDSGIHSGA`	78	>CTNNB1-G3 YLDSVIHSGA`	88	10
>CTNNB1-G3 YLDSGIHS	419	>CTNNB1-G3 YLDSVIHS	457	38
>CTNNB1-G3 YLDSGIHSGA	280	>CTNNB1-G3 YLDSVIHSGA	237	43
>CTNNB1-G3 YLDSGIHSGA`	178	>CTNNB1-G3 YLDSVIHSGA`	262	84
>CTNNB1-G3 YLDSGIHS	47	>CTNNB1-G3 YLDSVIHS	17	30
>CTNNB1-G3 YLDSGIHSG	15	>CTNNB1-G3 YLDSVIHSG	7	8
>CTNNB1-G3 YLDSGIHSGA	2	>CTNNB1-G3 YLDSVIHSGA	2	0
>CTNNB1-G3 YLDSGIHSGA`	12	>CTNNB1-G3 YLDSVIHSGA`	8	4
>CTNNB1-G3 YLDSGIHS	395	>CTNNB1-G3 YLDSVIHS	286	109
>CTNNB1-G3 YLDSGIHSG	139	>CTNNB1-G3 YLDSVIHSG	160	21
>CTNNB1-G3 YLDSGIHSGA	8	>CTNNB1-G3 YLDSVIHSGA	9	1
>CTNNB1-G3 YLDSGIHSGA`	83	>CTNNB1-G3 YLDSVIHSGA`	88	5
>CTNNB1-G3 YLDSGIHS	101	>CTNNB1-G3 YLDSVIHS	51	50
>CTNNB1-G3 YLDSGIHSG	140	>CTNNB1-G3 YLDSVIHSG	79	61
>CTNNB1-G3 YLDSGIHSGA	7	>CTNNB1-G3 YLDSVIHSGA	7	0
>CTNNB1-G3 YLDSGIHSGA`	121	>CTNNB1-G3 YLDSVIHSGA`	93	28
>CTNNB1-G3 YLDSGIHSGA	7	>CTNNB1-G3 YLDSVIHSGA	9	2

>CTNNB1-G3 YLDSGIHSGA`	255	>CTNNB1-G3 YLDSVIHSGA`	314	59
>CTNNB1-G3 YLDSGIHS	66	>CTNNB1-G3 YLDSVIHS	71	5
>CTNNB1-G3 YLDSGIHSG	13	>CTNNB1-G3 YLDSVIHSG	34	21
>CTNNB1-G3 YLDSGIHSGA	2	>CTNNB1-G3 YLDSVIHSGA	3	1
>CTNNB1-G3 YLDSGIHSGA`	36	>CTNNB1-G3 YLDSVIHSGA`	60	24
>CTNNB1-G3 SYLDSGIHSG/	410	>CTNNB1-G3 SYLDSVIHSG/	369	41
>CTNNB1-G3 QSYLDSGI	46	>CTNNB1-G3 QSYLDSVI	74	28
>CTNNB1-G3 QSYLDSGI	22	>CTNNB1-G3 QSYLDSVI	16	6
>CTNNB1-G3 QQSYLDSG	13170	>CTNNB1-G3 QQSYLDSV	130	13040
>CTNNB1-G3 QQSYLDSG	18338	>CTNNB1-G3 QQSYLDSV	315	18023
>CTNNB1-G3 QQSYLDSG	7965	>CTNNB1-G3 QQSYLDSV	38	7927
>CTNNB1-G3 QQSYLDSGI	1545	>CTNNB1-G3 QQSYLDSVI	294	1251
>CTNNB1-G3 QQSYLDSG	10950	>CTNNB1-G3 QQSYLDSV	399	10551
>CTNNB1-G3 QQSYLDSGI	417	>CTNNB1-G3 QQSYLDSVI	116	301
>CTNNB1-G3 QQSYLDSGIH	2269	>CTNNB1-G3 QQSYLDSVIH	444	1825
>CTNNB1-G3 QQQSYLDSG	22348	>CTNNB1-G3 QQQSYLDSV	195	22153
>CTNNB1-G3 QQQSYLDSG	14745	>CTNNB1-G3 QQQSYLDSV	110	14635
>CTNNB1-G3 QQQSYLDSG	17320	>CTNNB1-G3 QQQSYLDSV	163	17157
>CTNNB1-G3 QQQSYLDSG	4627	>CTNNB1-G3 QQQSYLDSV	10	4617
>CTNNB1-G3 QQQSYLDSG	8940	>CTNNB1-G3 QQQSYLDSV	294	8646
>CTNNB1-G3 QQQSYLDSGI	381	>CTNNB1-G3 QQQSYLDSVI	140	241
>CTNNB1-G3 WQQQSYLDS	18561	>CTNNB1-G3 WQQQSYLDS	271	18290
>CTNNB1-G3 WQQQSYLDS	23155	>CTNNB1-G3 WQQQSYLDS	233	22922
>CTNNB1-G3 WQQQSYLDS	17548	>CTNNB1-G3 WQQQSYLDS	130	17418
>CTNNB1-G3 WQQQSYLDS	268	>CTNNB1-G3 WQQQSYLDS	953	685
>CTNNB1-G3 WQQQSYLDS	22894	>CTNNB1-G3 WQQQSYLDS	327	22567
>CTNNB1-G3 WQQQSYLDS	760	>CTNNB1-G3 WQQQSYLDS	432	328
>CTNNB1-G3 WQQQSYLDS	431	>CTNNB1-G3 WQQQSYLDS	143	288
>CTNNB1-G3 WQQQSYLDS	6011	>CTNNB1-G3 WQQQSYLDS	141	5870
>CTNNB1-G3 WQQQSYLDS	187	>CTNNB1-G3 WQQQSYLDS	72	115
>CTNNB1-G3 WQQQSYLDS	2815	>CTNNB1-G3 WQQQSYLDS	340	2475
>CTNNB1-G3 GATTTAPSL	272	>CTNNB1-G3 AATTTAPSL	45	227
>CTNNB1-G3 GATTTAPSL	346	>CTNNB1-G3 AATTTAPSL	144	202
>CTNNB1-G3 SGATTTAPS	5737	>CTNNB1-G3 SAATTTAPS	380	5357
>CTNNB1-G3 SGATTTAPSL	6001	>CTNNB1-G3 SAATTTAPSL	149	5852
>CTNNB1-G3 SGATTTAPSL	4864	>CTNNB1-G3 SAATTTAPSL	119	4745
>CTNNB1-G3 SGATTTAPSL	741	>CTNNB1-G3 SAATTTAPSL	115	626
>CTNNB1-G3 SGATTTAPSL	2885	>CTNNB1-G3 SAATTTAPSL	192	2693
>CTNNB1-G3 HSGATTTA	4911	>CTNNB1-G3 HSAATTTA	84	4827
>CTNNB1-G3 HSGATTTAPS	8036	>CTNNB1-G3 HSAATTTAPS	386	7650
>CTNNB1-G3 HSGATTTAPS	1270	>CTNNB1-G3 HSAATTTAPS	212	1058
>CTNNB1-G3 HSGATTTAPS	1025	>CTNNB1-G3 HSAATTTAPS	206	819
>CTNNB1-G3 HSGATTTAPS	33	>CTNNB1-G3 HSAATTTAPS	7	26

>CTNNB1-G3 HSGATTTAPS	506	>CTNNB1-G3 HSAATTTAPS	24	482
>CTNNB1-G3 HSGATTTAPS	1205	>CTNNB1-G3 HSAATTTAPS	119	1086
>CTNNB1-G3 HSGATTTAPS	2590	>CTNNB1-G3 HSAATTTAPS	317	2273
>CTNNB1-G3 HSGATTTAPS	654	>CTNNB1-G3 HSAATTTAPS	162	492
>CTNNB1-G3 GIHSGATTTA	432	>CTNNB1-G3 GIHSAATTTA	604	172
>CTNNB1-G3 GIHSGATTTA	276	>CTNNB1-G3 GIHSAATTTA	259	17
>CTNNB1-G3 GIHSGATTTA	362	>CTNNB1-G3 GIHSAATTTA	849	487
>CTNNB1-G3 YLDSGIHSG	773	>CTNNB1-G3 YLDSGIHSA	9	764
>CTNNB1-G3 YLDSGIHSGA	78	>CTNNB1-G3 YLDSGIHSAA	85	7
>CTNNB1-G3 YLDSGIHSGA`	212	>CTNNB1-G3 YLDSGIHSAA`	33	179
>CTNNB1-G3 YLDSGIHSG	278	>CTNNB1-G3 YLDSGIHSA	7	271
>CTNNB1-G3 YLDSGIHSGA	24	>CTNNB1-G3 YLDSGIHSAA	21	3
>CTNNB1-G3 YLDSGIHSGA`	284	>CTNNB1-G3 YLDSGIHSAA`	67	217
>CTNNB1-G3 YLDSGIHSG	1353	>CTNNB1-G3 YLDSGIHSA	5	1348
>CTNNB1-G3 YLDSGIHSGA	32	>CTNNB1-G3 YLDSGIHSAA	33	1
>CTNNB1-G3 YLDSGIHSGA`	78	>CTNNB1-G3 YLDSGIHSAA`	40	38
>CTNNB1-G3 YLDSGIHSG	570	>CTNNB1-G3 YLDSGIHSA	9	561
>CTNNB1-G3 YLDSGIHSGA	280	>CTNNB1-G3 YLDSGIHSAA	260	20
>CTNNB1-G3 YLDSGIHSGA`	178	>CTNNB1-G3 YLDSGIHSAA`	55	123
>CTNNB1-G3 YLDSGIHSG	15	>CTNNB1-G3 YLDSGIHSA	2	13
>CTNNB1-G3 YLDSGIHSGA	2	>CTNNB1-G3 YLDSGIHSAA	3	1
>CTNNB1-G3 YLDSGIHSGA`	12	>CTNNB1-G3 YLDSGIHSAA`	6	6
>CTNNB1-G3 YLDSGIHSG	139	>CTNNB1-G3 YLDSGIHSA	3	136
>CTNNB1-G3 YLDSGIHSGA	8	>CTNNB1-G3 YLDSGIHSAA	8	0
>CTNNB1-G3 YLDSGIHSGA`	83	>CTNNB1-G3 YLDSGIHSAA`	15	68
>CTNNB1-G3 YLDSGIHSG	140	>CTNNB1-G3 YLDSGIHSA	5	135
>CTNNB1-G3 YLDSGIHSGA	7	>CTNNB1-G3 YLDSGIHSAA	9	2
>CTNNB1-G3 YLDSGIHSGA`	121	>CTNNB1-G3 YLDSGIHSAA`	42	79
>CTNNB1-G3 YLDSGIHSG	1226	>CTNNB1-G3 YLDSGIHSA	2	1224
>CTNNB1-G3 YLDSGIHSGA	7	>CTNNB1-G3 YLDSGIHSAA	12	5
>CTNNB1-G3 YLDSGIHSGA`	255	>CTNNB1-G3 YLDSGIHSAA`	31	224
>CTNNB1-G3 YLDSGIHSG	13	>CTNNB1-G3 YLDSGIHSA	2	11
>CTNNB1-G3 YLDSGIHSGA	2	>CTNNB1-G3 YLDSGIHSAA	2	0
>CTNNB1-G3 YLDSGIHSGA`	36	>CTNNB1-G3 YLDSGIHSAA`	7	29
>CTNNB1-G3 YLDSGIHSG	11462	>CTNNB1-G3 YLDSGIHSA	221	11241
>CTNNB1-G3 SYLDSGIHSG/	410	>CTNNB1-G3 SYLDSGIHSA/	256	154
>CTNNB1-G3 GATTTAPSL	272	>CTNNB1-G3 DATTTAPSL	4419	4147
>CTNNB1-G3 GATTTAPSL	346	>CTNNB1-G3 DATTTAPSL	4086	3740
>CTNNB1-G3 SGATTTAPSL	741	>CTNNB1-G3 SDATTTAPSL	431	310
>CTNNB1-G3 SGATTTAPSL	22434	>CTNNB1-G3 SDATTTAPSL	309	22125
>CTNNB1-G3 HSGATTTAPS	1270	>CTNNB1-G3 HSDATTTAPS	284	986
>CTNNB1-G3 HSGATTTAPS	33	>CTNNB1-G3 HSDATTTAPS	16	17
>CTNNB1-G3 HSGATTTAPS	506	>CTNNB1-G3 HSDATTTAPS	27	479

>CTNNB1-G3 GIHSGATTTA	432	>CTNNB1-G3 GIHSDATTTA	512	80
>CTNNB1-G3 GIHSGATTTA	276	>CTNNB1-G3 GIHSDATTTA	292	16
>CTNNB1-G3 GIHSGATTTA	362	>CTNNB1-G3 GIHSDATTTA	582	220
>CTNNB1-G3 YLDSGIHSGA	78	>CTNNB1-G3 YLDSGIHSDA	239	161
>CTNNB1-G3 YLDSGIHSGA	212	>CTNNB1-G3 YLDSGIHSDA	96	116
>CTNNB1-G3 YLDSGIHSG	278	>CTNNB1-G3 YLDSGIHSD	1711	1433
>CTNNB1-G3 YLDSGIHSGA	24	>CTNNB1-G3 YLDSGIHSDA	57	33
>CTNNB1-G3 YLDSGIHSGA	284	>CTNNB1-G3 YLDSGIHSDA	80	204
>CTNNB1-G3 YLDSGIHSGA	32	>CTNNB1-G3 YLDSGIHSDA	85	53
>CTNNB1-G3 YLDSGIHSGA	78	>CTNNB1-G3 YLDSGIHSDA	165	87
>CTNNB1-G3 YLDSGIHSGA	280	>CTNNB1-G3 YLDSGIHSDA	1360	1080
>CTNNB1-G3 YLDSGIHSGA	178	>CTNNB1-G3 YLDSGIHSDA	74	104
>CTNNB1-G3 YLDSGIHSG	15	>CTNNB1-G3 YLDSGIHSD	61	46
>CTNNB1-G3 YLDSGIHSGA	2	>CTNNB1-G3 YLDSGIHSDA	7	5
>CTNNB1-G3 YLDSGIHSGA	12	>CTNNB1-G3 YLDSGIHSDA	9	3
>CTNNB1-G3 YLDSGIHSG	139	>CTNNB1-G3 YLDSGIHSD	705	566
>CTNNB1-G3 YLDSGIHSGA	8	>CTNNB1-G3 YLDSGIHSDA	36	28
>CTNNB1-G3 YLDSGIHSGA	83	>CTNNB1-G3 YLDSGIHSDA	25	58
>CTNNB1-G3 YLDSGIHSG	140	>CTNNB1-G3 YLDSGIHSD	1051	911
>CTNNB1-G3 YLDSGIHSGA	7	>CTNNB1-G3 YLDSGIHSDA	11	4
>CTNNB1-G3 YLDSGIHSGA	121	>CTNNB1-G3 YLDSGIHSDA	46	75
>CTNNB1-G3 YLDSGIHSGA	7	>CTNNB1-G3 YLDSGIHSDA	42	35
>CTNNB1-G3 YLDSGIHSGA	255	>CTNNB1-G3 YLDSGIHSDA	74	181
>CTNNB1-G3 YLDSGIHSG	13	>CTNNB1-G3 YLDSGIHSD	34	21
>CTNNB1-G3 YLDSGIHSGA	2	>CTNNB1-G3 YLDSGIHSDA	3	1
>CTNNB1-G3 YLDSGIHSGA	36	>CTNNB1-G3 YLDSGIHSDA	26	10
>CTNNB1-G3 SYLDSGIHSGA	410	>CTNNB1-G3 SYLDSGIHSDA	666	256
>CTNNB1-G3 GATTTAPSL	272	>CTNNB1-G3 PATTTAPSL	8869	8597
>CTNNB1-G3 GATTTAPSL	346	>CTNNB1-G3 PATTTAPSL	1225	879
>CTNNB1-G3 SGATTTAPSL	24543	>CTNNB1-G3 SPATTTAPSL	89	24454
>CTNNB1-G3 SGATTTAPSL	6001	>CTNNB1-G3 SPATTTAPSL	471	5530
>CTNNB1-G3 SGATTTAPS	19325	>CTNNB1-G3 SPATTTAPS	226	19099
>CTNNB1-G3 SGATTTAPSL	14921	>CTNNB1-G3 SPATTTAPSL	35	14886
>CTNNB1-G3 SGATTTAPS	9843	>CTNNB1-G3 SPATTTAPS	168	9675
>CTNNB1-G3 SGATTTAPSL	741	>CTNNB1-G3 SPATTTAPSL	14	727
>CTNNB1-G3 HSGATTTA	4911	>CTNNB1-G3 HSPATTTA	457	4454
>CTNNB1-G3 HSGATTTAPS	33	>CTNNB1-G3 HSPATTTAPS	126	93
>CTNNB1-G3 HSGATTTAPS	2590	>CTNNB1-G3 HSPATTTAPS	7	2583
>CTNNB1-G3 HSGATTTAPS	654	>CTNNB1-G3 HSPATTTAPS	483	171
>CTNNB1-G3 GIHSGATTTA	432	>CTNNB1-G3 GIHSPATTTA	1063	631
>CTNNB1-G3 GIHSGATTTA	276	>CTNNB1-G3 GIHSPATTTA	290	14
>CTNNB1-G3 GIHSGATTTA	362	>CTNNB1-G3 GIHSPATTTA	841	479
>CTNNB1-G3 YLDSGIHSGA	78	>CTNNB1-G3 YLDSGIHSPA	50	28

>CTNNB1-G3 YLDSGIHSGA'	212	>CTNNB1-G3 YLDSGIHSPA'	25	187
>CTNNB1-G3 YLDSGIHSG	278	>CTNNB1-G3 YLDSGIHSP	452	174
>CTNNB1-G3 YLDSGIHSGA	24	>CTNNB1-G3 YLDSGIHSPA	15	9
>CTNNB1-G3 YLDSGIHSGA'	284	>CTNNB1-G3 YLDSGIHSPA'	199	85
>CTNNB1-G3 YLDSGIHSGA	32	>CTNNB1-G3 YLDSGIHSPA	29	3
>CTNNB1-G3 YLDSGIHSGA'	78	>CTNNB1-G3 YLDSGIHSPA'	116	38
>CTNNB1-G3 YLDSGIHSGA	280	>CTNNB1-G3 YLDSGIHSPA	180	100
>CTNNB1-G3 YLDSGIHSGA'	178	>CTNNB1-G3 YLDSGIHSPA'	35	143
>CTNNB1-G3 YLDSGIHSG	15	>CTNNB1-G3 YLDSGIHSP	31	16
>CTNNB1-G3 YLDSGIHSGA	2	>CTNNB1-G3 YLDSGIHSPA	3	1
>CTNNB1-G3 YLDSGIHSGA'	12	>CTNNB1-G3 YLDSGIHSPA'	6	6
>CTNNB1-G3 YLDSGIHSG	139	>CTNNB1-G3 YLDSGIHSP	322	183
>CTNNB1-G3 YLDSGIHSGA	8	>CTNNB1-G3 YLDSGIHSPA	8	0
>CTNNB1-G3 YLDSGIHSGA'	83	>CTNNB1-G3 YLDSGIHSPA'	25	58
>CTNNB1-G3 YLDSGIHSG	140	>CTNNB1-G3 YLDSGIHSP	359	219
>CTNNB1-G3 YLDSGIHSGA	7	>CTNNB1-G3 YLDSGIHSPA	7	0
>CTNNB1-G3 YLDSGIHSGA'	121	>CTNNB1-G3 YLDSGIHSPA'	17	104
>CTNNB1-G3 YLDSGIHSGA	7	>CTNNB1-G3 YLDSGIHSPA	12	5
>CTNNB1-G3 YLDSGIHSGA'	255	>CTNNB1-G3 YLDSGIHSPA'	29	226
>CTNNB1-G3 YLDSGIHSG	13	>CTNNB1-G3 YLDSGIHSP	18	5
>CTNNB1-G3 YLDSGIHSGA	2	>CTNNB1-G3 YLDSGIHSPA	2	0
>CTNNB1-G3 YLDSGIHSGA'	36	>CTNNB1-G3 YLDSGIHSPA'	7	29
>CTNNB1-G3 YLDSGIHSGA	554	>CTNNB1-G3 YLDSGIHSPA	314	240
>CTNNB1-G3 SYLDSGIHSG/	1218	>CTNNB1-G3 SYLDSGIHSP/	186	1032
>CTNNB1-G3 SYLDSGIHSG/	410	>CTNNB1-G3 SYLDSGIHSP/	348	62
>CTNNB1-G4 TAPSLSGK	164	>CTNNB1-G4 TAPSLSDK	293	129
>CTNNB1-G4 TTAPSLSGK	86	>CTNNB1-G4 TTAPSLSDK	151	65
>CTNNB1-G4 TTAPSLSGK	10	>CTNNB1-G4 TTAPSLSDK	14	4
>CTNNB1-G4 TTAPSLSGK	5	>CTNNB1-G4 TTAPSLSDK	8	3
>CTNNB1-G4 TTAPSLSGK	198	>CTNNB1-G4 TTAPSLSDK	135	63
>CTNNB1-G4 TTTAPSLSGK	59	>CTNNB1-G4 TTTAPSLSDK	140	81
>CTNNB1-G4 TTTAPSLSGK	15	>CTNNB1-G4 TTTAPSLSDK	16	1
>CTNNB1-G4 TTTAPSLSGK	439	>CTNNB1-G4 TTTAPSLSDK	880	441
>CTNNB1-G4 TTTAPSLSGK	8	>CTNNB1-G4 TTTAPSLSDK	14	6
>CTNNB1-G4 ATTTAPSLSGI	216	>CTNNB1-G4 ATTTAPSLSDI	394	178
>CTNNB1-G4 ATTTAPSLSGI	36	>CTNNB1-G4 ATTTAPSLSDI	57	21
>CTNNB1-G4 ATTTAPSLSGI	51	>CTNNB1-G4 ATTTAPSLSDI	110	59
>CTNNB1-G4 ATTTAPSLSGI	129	>CTNNB1-G4 ATTTAPSLSDI	295	166
>CTNNB1-G4 ATTTAPSLSGI	404	>CTNNB1-G4 ATTTAPSLSDI	275	129
>CTNNB1-G4 SGKGNPEEEEL	11249	>CTNNB1-G4 SVKGNPEEEEL	95	11154
>CTNNB1-G4 GATTTAPSLSV	36257	>CTNNB1-G4 GATTTAPSLSV	447	35810
>CTNNB1-G4 TAPSLSGK	164	>CTNNB1-G4 TAPSLSVK	168	4
>CTNNB1-G4 TTAPSLSG	16520	>CTNNB1-G4 TTAPSLSV	165	16355



>CTNNB1-G4 TTAPSLSG	15629	>CTNNB1-G4 TTAPSLSV	47	15582
>CTNNB1-G4 TTAPSLSG	15944	>CTNNB1-G4 TTAPSLSV	43	15901
>CTNNB1-G4 TTAPSLSG	26818	>CTNNB1-G4 TTAPSLSV	449	26369
>CTNNB1-G4 TTAPSLSG	33015	>CTNNB1-G4 TTAPSLSV	93	32922
>CTNNB1-G4 TTAPSLSGK	86	>CTNNB1-G4 TTAPSLSVK	89	3
>CTNNB1-G4 TTAPSLSGK	10	>CTNNB1-G4 TTAPSLSVK	10	0
>CTNNB1-G4 TTAPSLSGK	677	>CTNNB1-G4 TTAPSLSVK	362	315
>CTNNB1-G4 TTAPSLSGK	5	>CTNNB1-G4 TTAPSLSVK	7	2
>CTNNB1-G4 TTAPSLSG	1429	>CTNNB1-G4 TTAPSLSV	6	1423
>CTNNB1-G4 TTAPSLSG	9923	>CTNNB1-G4 TTAPSLSV	9	9914
>CTNNB1-G4 TTAPSLSG	2988	>CTNNB1-G4 TTAPSLSV	67	2921
>CTNNB1-G4 TTAPSLSG	5083	>CTNNB1-G4 TTAPSLSV	66	5017
>CTNNB1-G4 TTAPSLSGK	1449	>CTNNB1-G4 TTAPSLSVK	224	1225
>CTNNB1-G4 TTAPSLSGK	198	>CTNNB1-G4 TTAPSLSVK	278	80
>CTNNB1-G4 TTAPSLSG	12806	>CTNNB1-G4 TTAPSLSV	454	12352
>CTNNB1-G4 TTTAPSLSG	23904	>CTNNB1-G4 TTTAPSLSV	250	23654
>CTNNB1-G4 TTTAPSLSGK	59	>CTNNB1-G4 TTTAPSLSVK	81	22
>CTNNB1-G4 TTTAPSLSGK	15	>CTNNB1-G4 TTTAPSLSVK	14	1
>CTNNB1-G4 TTTAPSLSGK	439	>CTNNB1-G4 TTTAPSLSVK	266	173
>CTNNB1-G4 TTTAPSLSGK	8	>CTNNB1-G4 TTTAPSLSVK	12	4
>CTNNB1-G4 TTTAPSLSG	3204	>CTNNB1-G4 TTTAPSLSV	7	3197
>CTNNB1-G4 TTTAPSLSG	9819	>CTNNB1-G4 TTTAPSLSV	10	9809
>CTNNB1-G4 TTTAPSLSG	5607	>CTNNB1-G4 TTTAPSLSV	233	5374
>CTNNB1-G4 TTTAPSLSG	1259	>CTNNB1-G4 TTTAPSLSV	48	1211
>CTNNB1-G4 ATTTAPSLSG	19163	>CTNNB1-G4 ATTTAPSLSV	268	18895
>CTNNB1-G4 ATTTAPSLSG	20152	>CTNNB1-G4 ATTTAPSLSV	115	20037
>CTNNB1-G4 ATTTAPSLSG	20918	>CTNNB1-G4 ATTTAPSLSV	439	20479
>CTNNB1-G4 ATTTAPSLSG	35051	>CTNNB1-G4 ATTTAPSLSV	175	34876
>CTNNB1-G4 ATTTAPSLSGI	216	>CTNNB1-G4 ATTTAPSLSVI	230	14
>CTNNB1-G4 ATTTAPSLSGI	36	>CTNNB1-G4 ATTTAPSLSVI	32	4
>CTNNB1-G4 ATTTAPSLSG	2592	>CTNNB1-G4 ATTTAPSLSV	401	2191
>CTNNB1-G4 ATTTAPSLSGI	51	>CTNNB1-G4 ATTTAPSLSVI	33	18
>CTNNB1-G4 ATTTAPSLSGI	129	>CTNNB1-G4 ATTTAPSLSVI	180	51
>CTNNB1-G4 ATTTAPSLSG	27045	>CTNNB1-G4 ATTTAPSLSV	169	26876
>CTNNB1-G4 ATTTAPSLSG	6384	>CTNNB1-G4 ATTTAPSLSV	287	6097
>CTNNB1-G4 ATTTAPSLSG	3920	>CTNNB1-G4 ATTTAPSLSV	122	3798
>CTNNB1-G4 ATTTAPSLSG	1846	>CTNNB1-G4 ATTTAPSLSV	48	1798
>CTNNB1-G4 ATTTAPSLSGI	2057	>CTNNB1-G4 ATTTAPSLSVI	438	1619
>CTNNB1-G4 ATTTAPSLSGI	404	>CTNNB1-G4 ATTTAPSLSVI	450	46
>CTNNB1-G5 KGNPEEEDV	14507	>CTNNB1-G5 KDNPEEEDV	120	14387
>CTNNB1-G5 GTQQQFVEG	146	>CTNNB1-G5 ATQQQFVEG	83	63
>CTNNB1-G5 GTQQQFVEG	272	>CTNNB1-G5 ATQQQFVEG	74	198
>CTNNB1-G5 GTQQQFVEG	359	>CTNNB1-G5 ATQQQFVEG	173	186

>CTNNB1-G5 GTQQQFVEG	777	>CTNNB1-G5 ATQQQFVEG	496	281
>CTNNB1-G5 GTQQQFVEG	2351	>CTNNB1-G5 ATQQQFVEG	482	1869
>CTNNB1-G5 GTQQQFVEG	533	>CTNNB1-G5 ATQQQFVEG	337	196
>CTNNB1-G5 GGTQQQFV	2101	>CTNNB1-G5 GATQQQFV	326	1775
>CTNNB1-G5 GGTQQQFV	3288	>CTNNB1-G5 GATQQQFV	119	3169
>CTNNB1-G5 GGTQQQFVE	5106	>CTNNB1-G5 GATQQQFVE	151	4955
>CTNNB1-G5 MGGTQQQF\	2298	>CTNNB1-G5 MGATQQQF\	178	2120
>CTNNB1-G5 MGGTQQQF\	2525	>CTNNB1-G5 MGATQQQF\	80	2445
>CTNNB1-G5 MGGTQQQF	1873	>CTNNB1-G5 MGATQQQF	401	1472
>CTNNB1-G5 MGGTQQQF	2450	>CTNNB1-G5 MGATQQQF	417	2033
>CTNNB1-G5 MGGTQQQF	1752	>CTNNB1-G5 MGATQQQF	177	1575
>CTNNB1-G5 MGGTQQQF	1454	>CTNNB1-G5 MGATQQQF	172	1282
>CTNNB1-G5 SMGGTQQQ\	212	>CTNNB1-G5 SMGATQQQ\	212	0
>CTNNB1-G5 SMGGTQQQ\	97	>CTNNB1-G5 SMGATQQQ\	89	8
>CTNNB1-G5 SMGGTQQQ\	198	>CTNNB1-G5 SMGATQQQ\	166	32
>CTNNB1-G5 SMGGTQQQ\	444	>CTNNB1-G5 SMGATQQQ\	805	361
>CTNNB1-G5 SMGGTQQQ\	2	>CTNNB1-G5 SMGATQQQ\	2	0
>CTNNB1-G5 SMGGTQQQ\	6	>CTNNB1-G5 SMGATQQQ\	6	0
>CTNNB1-G5 SMGGTQQQ\	4	>CTNNB1-G5 SMGATQQQ\	5	1
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>CTNNB1-G5 SMGGTQQQ	32	>CTNNB1-G5 SMGATQQQ	105	73
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>CTNNB1-G5 SMGGTQQQ\	357	>CTNNB1-G5 SMGATQQQ\	637	280
>CTNNB1-G5 SMGGTQQQ\	441	>CTNNB1-G5 SMGATQQQ\	993	552
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>CTNNB1-G5 SMGGTQQQ\	184	>CTNNB1-G5 SMGATQQQ\	129	55
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>CTNNB1-G5 SMGGTQQQ\	1080	>CTNNB1-G5 SMGATQQQ\	379	701
>CTNNB1-G5 TSMGGTQQC	301	>CTNNB1-G5 TSMGATQQC	182	119
>CTNNB1-G5 TSMGGTQQC	219	>CTNNB1-G5 TSMGATQQC	263	44
>CTNNB1-G5 TSMGGTQQC	100	>CTNNB1-G5 TSMGATQQC	134	34
>CTNNB1-G5 TSMGGTQQC	166	>CTNNB1-G5 TSMGATQQC	201	35
>CTNNB1-G5 TSMGGTQQC	14	>CTNNB1-G5 TSMGATQQC	11	3
>CTNNB1-G5 TSMGGTQQC	82	>CTNNB1-G5 TSMGATQQC	63	19
>CTNNB1-G5 TSMGGTQQC	280	>CTNNB1-G5 TSMGATQQC	239	41
>CTNNB1-G5 TSMGGTQQC	223	>CTNNB1-G5 TSMGATQQC	126	97
>CTNNB1-G5 TSMGGTQQC	4	>CTNNB1-G5 TSMGATQQC	4	0
>CTNNB1-G5 TSMGGTQQC	127	>CTNNB1-G5 TSMGATQQC	66	61
>CTNNB1-G5 TSMGGTQQC	23	>CTNNB1-G5 TSMGATQQC	20	3
>CTNNB1-G5 TSMGGTQQC	174	>CTNNB1-G5 TSMGATQQC	130	44
>CTNNB1-G5 RTSMGGTQC	115	>CTNNB1-G5 RTSMGATQC	67	48
>CTNNB1-G5 RTSMGGTQC	103	>CTNNB1-G5 RTSMGATQC	119	16

>CTNNB1-G5 RTSMGGTQC	48	>CTNNB1-G5 RTSMGATQC	49	1
>CTNNB1-G5 RTSMGGTQC	311	>CTNNB1-G5 RTSMGATQC	59	252
>CTNNB1-G5 RTSMGGTQC	116	>CTNNB1-G5 RTSMGATQC	51	65
>CTNNB1-G5 RTSMGGTQC	147	>CTNNB1-G5 RTSMGATQC	113	34
>CTNNB1-G5 RTSMGGTQC	3	>CTNNB1-G5 RTSMGATQC	3	0
>CTNNB1-G5 RTSMGGTQC	281	>CTNNB1-G5 RTSMGATQC	224	57
>CTNNB1-G5 RTSMGGTQC	20	>CTNNB1-G5 RTSMGATQC	15	5
>CTNNB1-G5 RTSMGGTQC	104	>CTNNB1-G5 RTSMGATQC	99	5
>CTNNB1-G5 RTSMGGTQC	8	>CTNNB1-G5 RTSMGATQC	8	0
>CTNNB1-G5 RRTSMGGT	300	>CTNNB1-G5 RRTSMGAT	390	90
>CTNNB1-G5 RRTSMGGTQ	434	>CTNNB1-G5 RRTSMGATQ	382	52
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>CTNNB1-G5 RRTSMGGTQ	207	>CTNNB1-G5 RRTSMGATQ	187	20
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>CTNNB1-H2 HWQQQSYL	22	>CTNNB1-H2 RWQQQSYL	10	12
>CTNNB1-H2 HWQQQSYLE	6379	>CTNNB1-H2 RWQQQSYLE	445	5934
>CTNNB1-H2 HWQQQSYL	116	>CTNNB1-H2 RWQQQSYL	52	64
>CTNNB1-H2 HWQQQSYLE	297	>CTNNB1-H2 RWQQQSYLE	127	170
>CTNNB1-H2 SHWQQQSY	180	>CTNNB1-H2 SRWQQQSY	780	600
>CTNNB1-H2 SHWQQQSY	158	>CTNNB1-H2 SRWQQQSY	218	60
>CTNNB1-H2 SHWQQQSY	63	>CTNNB1-H2 SRWQQQSY	41	22
>CTNNB1-H2 SHWQQQSYL	608	>CTNNB1-H2 SRWQQQSYL	226	382
>CTNNB1-H2 SHWQQQSYL	75	>CTNNB1-H2 SRWQQQSYL	1780	1705
>CTNNB1-H2 SHWQQQSY	14069	>CTNNB1-H2 SRWQQQSY	63	14006
>CTNNB1-H2 SHWQQQSYL	14723	>CTNNB1-H2 SRWQQQSYL	53	14670
>CTNNB1-H2 SHWQQQSYL	5160	>CTNNB1-H2 SRWQQQSYL	179	4981
>CTNNB1-H2 SHWQQQSYL	4588	>CTNNB1-H2 SRWQQQSYL	76	4512
>CTNNB1-H2 SHWQQQSYL	3166	>CTNNB1-H2 SRWQQQSYL	12	3154
>CTNNB1-H2 MEPDRKAAV	27793	>CTNNB1-H2 MEPDRKAAV	308	27485
>CTNNB1-H2 VSHWQQQSY	2225	>CTNNB1-H2 VSRWQQQSY	245	1980
>CTNNB1-H2 VSHWQQQSY	1076	>CTNNB1-H2 VSRWQQQSY	96	980
>CTNNB1-H2 VSHWQQQSY	27	>CTNNB1-H2 VSRWQQQSY	41	14
>CTNNB1-H2 VSHWQQQSY	403	>CTNNB1-H2 VSRWQQQSY	230	173
>CTNNB1-H2 VSHWQQQSY	212	>CTNNB1-H2 VSRWQQQSY	109	103
>CTNNB1-H2 VSHWQQQSY	6	>CTNNB1-H2 VSRWQQQSY	5	1
>CTNNB1-H2 VSHWQQQSY	18	>CTNNB1-H2 VSRWQQQSY	8	10
>CTNNB1-H2 VSHWQQQSY	283	>CTNNB1-H2 VSRWQQQSY	2004	1721
>CTNNB1-H2 VSHWQQQSY	479	>CTNNB1-H2 VSRWQQQSY	61	418
>CTNNB1-H2 VSHWQQQSY	139	>CTNNB1-H2 VSRWQQQSY	82	57

>CTNNB1-H2 VSHWQQQSY	396	>CTNNB1-H2 VSRWQQQSY	550	154
>CTNNB1-H2 AVSHWQQQ!	77	>CTNNB1-H2 AVSRWQQQ!	160	83
>CTNNB1-H2 AVSHWQQQ!	245	>CTNNB1-H2 AVSRWQQQ!	620	375
>CTNNB1-H2 AVSHWQQQ!	368	>CTNNB1-H2 AVSRWQQQ!	307	61
>CTNNB1-H2 AVSHWQQQ!	40	>CTNNB1-H2 AVSRWQQQ!	21	19
>CTNNB1-H2 AVSHWQQQ!	163	>CTNNB1-H2 AVSRWQQQ!	94	69
>CTNNB1-H2 AVSHWQQQ!	140	>CTNNB1-H2 AVSRWQQQ!	119	21
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>CTNNB1-H2 AVSHWQQQ!	333	>CTNNB1-H2 AVSRWQQQ!	397	64
>CTNNB1-H2 AVSHWQQQ!	121	>CTNNB1-H2 AVSRWQQQ!	168	47
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>CTNNB1-H2 AVSHWQQQ!	116	>CTNNB1-H2 AVSRWQQQ!	513	397
>CTNNB1-H2 AVSHWQQQ!	378	>CTNNB1-H2 AVSRWQQQ!	185	193
>CTNNB1-H2 AVSHWQQQ!	460	>CTNNB1-H2 AVSRWQQQ!	495	35
>CTNNB1-H2 AVSHWQQQ!	282	>CTNNB1-H2 AVSRWQQQ!	140	142
>CTNNB1-H2 AAVSHWQQ!	61	>CTNNB1-H2 AAVSRWQQ!	324	263
>CTNNB1-H2 AAVSHWQQ!	459	>CTNNB1-H2 AAVSRWQQ!	1120	661
>CTNNB1-H2 AAVSHWQQ!	540	>CTNNB1-H2 AAVSRWQQ!	486	54
>CTNNB1-H2 AAVSHWQQ!	144	>CTNNB1-H2 AAVSRWQQ!	215	71
>CTNNB1-H2 AAVSHWQQ!	58	>CTNNB1-H2 AAVSRWQQ!	85	27
>CTNNB1-H2 AAVSHWQQ!	10	>CTNNB1-H2 AAVSRWQQ!	9	1
>CTNNB1-H2 AAVSHWQQ!	91	>CTNNB1-H2 AAVSRWQQ!	317	226
>CTNNB1-H2 AAVSHWQQ!	112	>CTNNB1-H2 AAVSRWQQ!	242	130
>CTNNB1-H2 RKA AVSHW	55	>CTNNB1-H2 RKA AVSRW	151	96
>CTNNB1-H2 RKA AVSHW	38	>CTNNB1-H2 RKA AVSRW	160	122
>CTNNB1-H2 RKA AVSHW	203	>CTNNB1-H2 RKA AVSRW	263	60
>CTNNB1-H2 EPDRKAAVSH	83	>CTNNB1-H2 EPDRKAAVSR	74	9
>CTNNB1-H2 EPDRKAAVSH	13	>CTNNB1-H2 EPDRKAAVSR	16	3
>CTNNB1-H2 HWQQQSYL	22	>CTNNB1-H2 YWQQQSYL	9	13
>CTNNB1-H2 HWQQQSYL	116	>CTNNB1-H2 YWQQQSYL	135	19
>CTNNB1-H2 HWQQQSYLD	297	>CTNNB1-H2 YWQQQSYLD	307	10
>CTNNB1-H2 SHWQQQSYL	957	>CTNNB1-H2 SYWQQQSYL	6	951
>CTNNB1-H2 SHWQQQSY	20918	>CTNNB1-H2 SYWQQQSY	323	20595
>CTNNB1-H2 SHWQQQSYL	8027	>CTNNB1-H2 SYWQQQSYL	7	8020
>CTNNB1-H2 SHWQQQSY	180	>CTNNB1-H2 SYWQQQSY	22	158
>CTNNB1-H2 SHWQQQSY	158	>CTNNB1-H2 SYWQQQSY	42	116
>CTNNB1-H2 SHWQQQSY	2110	>CTNNB1-H2 SYWQQQSY	226	1884
>CTNNB1-H2 SHWQQQSY	63	>CTNNB1-H2 SYWQQQSY	701	638
>CTNNB1-H2 SHWQQQSYL	75	>CTNNB1-H2 SYWQQQSYL	2911	2836
>CTNNB1-H2 SHWQQQSYL	14310	>CTNNB1-H2 SYWQQQSYL	208	14102
>CTNNB1-H2 MEPDRKAAV	3553	>CTNNB1-H2 MEPDRKAAV	55	3498
>CTNNB1-H2 VSHWQQQSY	3176	>CTNNB1-H2 VSYWQQQSY	408	2768
>CTNNB1-H2 VSHWQQQSY	551	>CTNNB1-H2 VSYWQQQSY	112	439

>CTNNB1-H2 VSHWQQQS\	27	>CTNNB1-H2 VSYWQQQS\	17	10
>CTNNB1-H2 VSHWQQQS\	403	>CTNNB1-H2 VSYWQQQS\	169	234
>CTNNB1-H2 VSHWQQQS\	212	>CTNNB1-H2 VSYWQQQS\	46	166
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>CTNNB1-H2 VSHWQQQS\	18	>CTNNB1-H2 VSYWQQQS\	7	11
>CTNNB1-H2 VSHWQQQS\	636	>CTNNB1-H2 VSYWQQQS\	148	488
>CTNNB1-H2 VSHWQQQS\	1219	>CTNNB1-H2 VSYWQQQS\	345	874
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>CTNNB1-H2 VSHWQQQS\	479	>CTNNB1-H2 VSYWQQQS\	100	379
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>CTNNB1-H2 AVSHWQQQ\	77	>CTNNB1-H2 AVSYWQQQ\	61	16
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>CTNNB1-H2 AVSHWQQQ\	368	>CTNNB1-H2 AVSYWQQQ\	807	439
>CTNNB1-H2 AVSHWQQQ\	40	>CTNNB1-H2 AVSYWQQQ\	95	55
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>CTNNB1-H2 AVSHWQQQ\	679	>CTNNB1-H2 AVSYWQQQ\	203	476
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>CTNNB1-H2 AVSHWQQQ\	488	>CTNNB1-H2 AVSYWQQQ\	349	139
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>CTNNB1-H2 AVSHWQQQ\	121	>CTNNB1-H2 AVSYWQQQ\	118	3
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>CTNNB1-H2 AVSHWQQQ\	378	>CTNNB1-H2 AVSYWQQQ\	91	287
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>CTNNB1-H2 AVSHWQQQ\	282	>CTNNB1-H2 AVSYWQQQ\	271	11
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>CTNNB1-H2 AAVSHWQQ\	459	>CTNNB1-H2 AAVSYWQQ\	434	25
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>CTNNB1-H2 AAVSHWQQ\	144	>CTNNB1-H2 AAVSYWQQ\	158	14
>CTNNB1-H2 AAVSHWQQ\	58	>CTNNB1-H2 AAVSYWQQ\	41	17
>CTNNB1-H2 AAVSHWQQ\	10	>CTNNB1-H2 AAVSYWQQ\	8	2
>CTNNB1-H2 AAVSHWQQ\	91	>CTNNB1-H2 AAVSYWQQ\	86	5
>CTNNB1-H2 AAVSHWQQ\	112	>CTNNB1-H2 AAVSYWQQ\	100	12
>CTNNB1-H2 KAAVSHWQ\	537	>CTNNB1-H2 KAAVSYWQ\	315	222
>CTNNB1-H2 RKA AVSHW	55	>CTNNB1-H2 RKA AVSYW	43	12
>CTNNB1-H2 RKA AVSHW	556	>CTNNB1-H2 RKA AVSYW	352	204
>CTNNB1-H2 RKA AVSHW	38	>CTNNB1-H2 RKA AVSYW	41	3
>CTNNB1-H2 RKA AVSHW	203	>CTNNB1-H2 RKA AVSYW	87	116
>CTNNB1-H2 EPDRKAAVSH	83	>CTNNB1-H2 EPDRKAAVSY	61	22
>CTNNB1-H2 EPDRKAAVSH	21716	>CTNNB1-H2 EPDRKAAVSY	48	21668

>CTNNB1-H2 EPDRKAAVSI	13	>CTNNB1-H2 EPDRKAAVSY	14	1
>CTNNB1-H3 HSGATTTAPS	33	>CTNNB1-H3 PSGATTTAPS	6311	6278
>CTNNB1-H3 IHSGATTTA	20124	>CTNNB1-H3 IPSGATTTA	73	20051
>CTNNB1-H3 IHSGATTT	21023	>CTNNB1-H3 IPSGATTT	129	20894
>CTNNB1-H3 IHSGATTTA	17696	>CTNNB1-H3 IPSGATTTA	44	17652
>CTNNB1-H3 IHSGATTTAP:	16254	>CTNNB1-H3 IPSGATTTAP:	61	16193
>CTNNB1-H3 IHSGATTTA	15775	>CTNNB1-H3 IPSGATTTA	34	15741
>CTNNB1-H3 IHSGATTTAP:	22550	>CTNNB1-H3 IPSGATTTAP:	447	22103
>CTNNB1-H3 GIHSGATTTA	432	>CTNNB1-H3 GIPSGATTTA	514	82
>CTNNB1-H3 GIHSGATTTA	276	>CTNNB1-H3 GIPSGATTTA	482	206
>CTNNB1-H3 GIHSGATTTA	362	>CTNNB1-H3 GIPSGATTTA	505	143
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>CTNNB1-H3 YLDSGIHSGA	24	>CTNNB1-H3 YLDSGIPSGA	19	5
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>CTNNB1-H3 YLDSGIHSGA	32	>CTNNB1-H3 YLDSGIPSGA	17	15
>CTNNB1-H3 YLDSGIHSGA	78	>CTNNB1-H3 YLDSGIPSGA	230	152
>CTNNB1-H3 YLDSGIHS	419	>CTNNB1-H3 YLDSGIPS	226	193
>CTNNB1-H3 YLDSGIHSG	570	>CTNNB1-H3 YLDSGIPSG	382	188
>CTNNB1-H3 YLDSGIHSGA	280	>CTNNB1-H3 YLDSGIPSGA	190	90
>CTNNB1-H3 YLDSGIHSGA	178	>CTNNB1-H3 YLDSGIPSGA	206	28
>CTNNB1-H3 YLDSGIHS	47	>CTNNB1-H3 YLDSGIPS	29	18
>CTNNB1-H3 YLDSGIHSG	15	>CTNNB1-H3 YLDSGIPSG	19	4
>CTNNB1-H3 YLDSGIHSGA	2	>CTNNB1-H3 YLDSGIPSGA	2	0
>CTNNB1-H3 YLDSGIHSGA	12	>CTNNB1-H3 YLDSGIPSGA	10	2
>CTNNB1-H3 YLDSGIHS	395	>CTNNB1-H3 YLDSGIPS	306	89
>CTNNB1-H3 YLDSGIHSG	139	>CTNNB1-H3 YLDSGIPSG	569	430
>CTNNB1-H3 YLDSGIHSGA	8	>CTNNB1-H3 YLDSGIPSGA	7	1
>CTNNB1-H3 YLDSGIHSGA	83	>CTNNB1-H3 YLDSGIPSGA	142	59
>CTNNB1-H3 YLDSGIHS	101	>CTNNB1-H3 YLDSGIPS	150	49
>CTNNB1-H3 YLDSGIHSG	140	>CTNNB1-H3 YLDSGIPSG	93	47
>CTNNB1-H3 YLDSGIHSGA	7	>CTNNB1-H3 YLDSGIPSGA	6	1
>CTNNB1-H3 YLDSGIHSGA	121	>CTNNB1-H3 YLDSGIPSGA	91	30
>CTNNB1-H3 YLDSGIHSGA	7	>CTNNB1-H3 YLDSGIPSGA	4	3
>CTNNB1-H3 YLDSGIHSGA	255	>CTNNB1-H3 YLDSGIPSGA	275	20
>CTNNB1-H3 YLDSGIHS	66	>CTNNB1-H3 YLDSGIPS	85	19
>CTNNB1-H3 YLDSGIHSG	13	>CTNNB1-H3 YLDSGIPSG	32	19
>CTNNB1-H3 YLDSGIHSGA	2	>CTNNB1-H3 YLDSGIPSGA	2	0
>CTNNB1-H3 YLDSGIHSGA	36	>CTNNB1-H3 YLDSGIPSGA	39	3
>CTNNB1-H3 SYLDSGIHSG/	410	>CTNNB1-H3 SYLDSGIPSG/	365	45
>CTNNB1-H3 HSGATTTAPS	1110	>CTNNB1-H3 RSGATTTAPS	319	791

>CTNNB1-H3 HSGATTTAPS	984	>CTNNB1-H3 RSGATTTAPS	103	881
>CTNNB1-H3 HSGATTTAPS	1025	>CTNNB1-H3 RSGATTTAPS	230	795
>CTNNB1-H3 HSGATTTAPS	33	>CTNNB1-H3 RSGATTTAPS	7	26
>CTNNB1-H3 HSGATTTAPS	1205	>CTNNB1-H3 RSGATTTAPS	74	1131
>CTNNB1-H3 HSGATTTAPS	2590	>CTNNB1-H3 RSGATTTAPS	471	2119
>CTNNB1-H3 HSGATTTAPS	654	>CTNNB1-H3 RSGATTTAPS	96	558
>CTNNB1-H3 GIHSGATTTA	432	>CTNNB1-H3 GIRSGATTTA	1264	832
>CTNNB1-H3 GIHSGATTTA	276	>CTNNB1-H3 GIRSGATTTA	494	218
>CTNNB1-H3 GIHSGATTTA	362	>CTNNB1-H3 GIRSGATTTA	1188	826
>CTNNB1-H3 GIHSGATTTA	2370	>CTNNB1-H3 GIRSGATTTA	361	2009
>CTNNB1-H3 YLDSGIHSGA	78	>CTNNB1-H3 YLDSGIRSGA	173	95
>CTNNB1-H3 YLDSGIHSGA	212	>CTNNB1-H3 YLDSGIRSGA	672	460
>CTNNB1-H3 YLDSGIHSG	278	>CTNNB1-H3 YLDSGIRSG	4331	4053
>CTNNB1-H3 YLDSGIHSGA	24	>CTNNB1-H3 YLDSGIRSGA	35	11
>CTNNB1-H3 YLDSGIHSGA	284	>CTNNB1-H3 YLDSGIRSGA	1146	862
>CTNNB1-H3 YLDSGIHSGA	32	>CTNNB1-H3 YLDSGIRSGA	47	15
>CTNNB1-H3 YLDSGIHSGA	78	>CTNNB1-H3 YLDSGIRSGA	195	117
>CTNNB1-H3 YLDSGIHS	419	>CTNNB1-H3 YLDSGIRS	2097	1678
>CTNNB1-H3 YLDSGIHSGA	280	>CTNNB1-H3 YLDSGIRSGA	422	142
>CTNNB1-H3 YLDSGIHSGA	178	>CTNNB1-H3 YLDSGIRSGA	499	321
>CTNNB1-H3 YLDSGIHS	47	>CTNNB1-H3 YLDSGIRS	47	0
>CTNNB1-H3 YLDSGIHSG	15	>CTNNB1-H3 YLDSGIRSG	91	76
>CTNNB1-H3 YLDSGIHSGA	2	>CTNNB1-H3 YLDSGIRSGA	6	4
>CTNNB1-H3 YLDSGIHSGA	12	>CTNNB1-H3 YLDSGIRSGA	22	10
>CTNNB1-H3 YLDSGIHS	395	>CTNNB1-H3 YLDSGIRS	2191	1796
>CTNNB1-H3 YLDSGIHSG	139	>CTNNB1-H3 YLDSGIRSG	2276	2137
>CTNNB1-H3 YLDSGIHSGA	8	>CTNNB1-H3 YLDSGIRSGA	31	23
>CTNNB1-H3 YLDSGIHSGA	83	>CTNNB1-H3 YLDSGIRSGA	282	199
>CTNNB1-H3 YLDSGIHS	101	>CTNNB1-H3 YLDSGIRS	682	581
>CTNNB1-H3 YLDSGIHSG	140	>CTNNB1-H3 YLDSGIRSG	2748	2608
>CTNNB1-H3 YLDSGIHSGA	7	>CTNNB1-H3 YLDSGIRSGA	12	5
>CTNNB1-H3 YLDSGIHSGA	121	>CTNNB1-H3 YLDSGIRSGA	267	146
>CTNNB1-H3 YLDSGIHSGA	7	>CTNNB1-H3 YLDSGIRSGA	25	18
>CTNNB1-H3 YLDSGIHSGA	255	>CTNNB1-H3 YLDSGIRSGA	899	644
>CTNNB1-H3 YLDSGIHS	66	>CTNNB1-H3 YLDSGIRS	94	28
>CTNNB1-H3 YLDSGIHSG	13	>CTNNB1-H3 YLDSGIRSG	1044	1031
>CTNNB1-H3 YLDSGIHSGA	2	>CTNNB1-H3 YLDSGIRSGA	3	1
>CTNNB1-H3 YLDSGIHSGA	36	>CTNNB1-H3 YLDSGIRSGA	66	30
>CTNNB1-H3 SYLDSGIH	13317	>CTNNB1-H3 SYLDSGIR	220	13097
>CTNNB1-H3 SYLDSGIH	16883	>CTNNB1-H3 SYLDSGIR	42	16841
>CTNNB1-H3 SYLDSGIHSG/	410	>CTNNB1-H3 SYLDSGIRSG/	326	84
>CTNNB1-H3 QSYLDSGIH	14611	>CTNNB1-H3 QSYLDSGIR	244	14367
>CTNNB1-H3 HSGATTTAPS	2105	>CTNNB1-H3 YSGATTTAPS	486	1619

>CTNNB1-H3 HSGATTTAPS	1025	>CTNNB1-H3 YSGATTTAPS	203	822
>CTNNB1-H3 HSGATTTAPS	33	>CTNNB1-H3 YSGATTTAPS	15	18
>CTNNB1-H3 HSGATTTAPS	506	>CTNNB1-H3 YSGATTTAPS	391	115
>CTNNB1-H3 HSGATTTAPS	2590	>CTNNB1-H3 YSGATTTAPS	94	2496
>CTNNB1-H3 HSGATTTAPS	3589	>CTNNB1-H3 YSGATTTAPS	444	3145
>CTNNB1-H3 IHSGATTTA	17709	>CTNNB1-H3 IYSGATTTA	437	17272
>CTNNB1-H3 QQQSYLDSGI	10136	>CTNNB1-H3 QQQSYLDSGI	74	10062
>CTNNB1-H3 QQQSYLDSGI	4026	>CTNNB1-H3 QQQSYLDSGI	75	3951
>CTNNB1-H3 QQQSYLDSGI	5809	>CTNNB1-H3 QQQSYLDSGI	144	5665
>CTNNB1-H3 QQQSYLDSGI	2245	>CTNNB1-H3 QQQSYLDSGI	81	2164
>CTNNB1-H3 GIHSGATTTA	432	>CTNNB1-H3 GIYSGATTTA	59	373
>CTNNB1-H3 GIHSGATT	2383	>CTNNB1-H3 GIYSGATT	332	2051
>CTNNB1-H3 GIHSGATTT	1717	>CTNNB1-H3 GIYSGATTT	208	1509
>CTNNB1-H3 GIHSGATTTA	276	>CTNNB1-H3 GIYSGATTTA	52	224
>CTNNB1-H3 GIHSGATTTA	2515	>CTNNB1-H3 GIYSGATTTA	206	2309
>CTNNB1-H3 GIHSGATTTA	3137	>CTNNB1-H3 GIYSGATTTA	160	2977
>CTNNB1-H3 GIHSGATTTA	362	>CTNNB1-H3 GIYSGATTTA	63	299
>CTNNB1-H3 YLDSGIHS	603	>CTNNB1-H3 YLDSGIYS	88	515
>CTNNB1-H3 YLDSGIHSG	773	>CTNNB1-H3 YLDSGIYSG	176	597
>CTNNB1-H3 YLDSGIHSGA	78	>CTNNB1-H3 YLDSGIYSGA	66	12
>CTNNB1-H3 YLDSGIHSGA	212	>CTNNB1-H3 YLDSGIYSGA	111	101
>CTNNB1-H3 YLDSGIHS	1509	>CTNNB1-H3 YLDSGIYS	286	1223
>CTNNB1-H3 YLDSGIHSG	278	>CTNNB1-H3 YLDSGIYSG	135	143
>CTNNB1-H3 YLDSGIHSGA	24	>CTNNB1-H3 YLDSGIYSGA	16	8
>CTNNB1-H3 YLDSGIHSGA	284	>CTNNB1-H3 YLDSGIYSGA	163	121
>CTNNB1-H3 YLDSGIHSGA	32	>CTNNB1-H3 YLDSGIYSGA	26	6
>CTNNB1-H3 YLDSGIHSGA	78	>CTNNB1-H3 YLDSGIYSGA	106	28
>CTNNB1-H3 YLDSGIHS	419	>CTNNB1-H3 YLDSGIYS	273	146
>CTNNB1-H3 YLDSGIHSGA	280	>CTNNB1-H3 YLDSGIYSGA	179	101
>CTNNB1-H3 YLDSGIHSGA	178	>CTNNB1-H3 YLDSGIYSGA	145	33
>CTNNB1-H3 YLDSGIHS	47	>CTNNB1-H3 YLDSGIYS	10	37
>CTNNB1-H3 YLDSGIHSG	15	>CTNNB1-H3 YLDSGIYSG	15	0
>CTNNB1-H3 YLDSGIHSGA	2	>CTNNB1-H3 YLDSGIYSGA	2	0
>CTNNB1-H3 YLDSGIHSGA	12	>CTNNB1-H3 YLDSGIYSGA	8	4
>CTNNB1-H3 YLDSGIHS	395	>CTNNB1-H3 YLDSGIYS	135	260
>CTNNB1-H3 YLDSGIHSG	139	>CTNNB1-H3 YLDSGIYSG	99	40
>CTNNB1-H3 YLDSGIHSGA	8	>CTNNB1-H3 YLDSGIYSGA	6	2
>CTNNB1-H3 YLDSGIHSGA	83	>CTNNB1-H3 YLDSGIYSGA	61	22
>CTNNB1-H3 YLDSGIHS	101	>CTNNB1-H3 YLDSGIYS	64	37
>CTNNB1-H3 YLDSGIHSG	140	>CTNNB1-H3 YLDSGIYSG	186	46
>CTNNB1-H3 YLDSGIHSGA	7	>CTNNB1-H3 YLDSGIYSGA	6	1
>CTNNB1-H3 YLDSGIHSGA	121	>CTNNB1-H3 YLDSGIYSGA	93	28
>CTNNB1-H3 YLDSGIHS	2599	>CTNNB1-H3 YLDSGIYS	498	2101



>CTNNB1-H3 YLDSGIHSGA	7	>CTNNB1-H3 YLDSGIYSGA	4	3
>CTNNB1-H3 YLDSGIHSGA	255	>CTNNB1-H3 YLDSGIYSGA	199	56
>CTNNB1-H3 YLDSGIHS	66	>CTNNB1-H3 YLDSGIYS	41	25
>CTNNB1-H3 YLDSGIHSG	13	>CTNNB1-H3 YLDSGIYSG	71	58
>CTNNB1-H3 YLDSGIHSGA	2	>CTNNB1-H3 YLDSGIYSGA	2	0
>CTNNB1-H3 YLDSGIHSGA	36	>CTNNB1-H3 YLDSGIYSGA	30	6
>CTNNB1-H3 SYLDSGIH	5044	>CTNNB1-H3 SYLDSGIY	45	4999
>CTNNB1-H3 SYLDSGIH	8471	>CTNNB1-H3 SYLDSGIY	102	8369
>CTNNB1-H3 SYLDSGIH	17651	>CTNNB1-H3 SYLDSGIY	178	17473
>CTNNB1-H3 SYLDSGIH	12833	>CTNNB1-H3 SYLDSGIY	392	12441
>CTNNB1-H3 SYLDSGIHSG	410	>CTNNB1-H3 SYLDSGIYSGA	274	136
>CTNNB1-H3 QSYLDSGIH	14535	>CTNNB1-H3 QSYLDSGIY	300	14235
>CTNNB1-H3 QSYLDSGIH	7576	>CTNNB1-H3 QSYLDSGIY	49	7527
>CTNNB1-H3 QSYLDSGIH	5809	>CTNNB1-H3 QSYLDSGIY	13	5796
>CTNNB1-H3 QSYLDSGIH	7398	>CTNNB1-H3 QSYLDSGIY	340	7058
>CTNNB1-H3 QSYLDSGIH	1475	>CTNNB1-H3 QSYLDSGIY	57	1418
>CTNNB1-H3 QQSYLDSGIH	19659	>CTNNB1-H3 QQSYLDSGIY	90	19569
>CTNNB1-H3 QQSYLDSGIH	3508	>CTNNB1-H3 QQSYLDSGIY	70	3438
>CTNNB1-H3 QQSYLDSGIH	7814	>CTNNB1-H3 QQSYLDSGIY	174	7640
>CTNNB1-H3 QQSYLDSGIH	2269	>CTNNB1-H3 QQSYLDSGIY	78	2191
>CTNNB1-H3 QQSYLDSGIH	17188	>CTNNB1-H3 QQSYLDSGIY	137	17051
>CTNNB1-I19 IVRTMQNTN	216	>CTNNB1-I19 LVRTMQNTN	91	125
>CTNNB1-I19 IVRTMQNT	436	>CTNNB1-I19 LVRTMQNT	453	17
>CTNNB1-I19 IVRTMQNTN	93	>CTNNB1-I19 LVRTMQNTN	96	3
>CTNNB1-I19 AIVRTMQNT	4398	>CTNNB1-I19 ALVRTMQNT	488	3910
>CTNNB1-I19 AIVRTMQNT	6859	>CTNNB1-I19 ALVRTMQNT	98	6761
>CTNNB1-I19 IMRSPQMVS	1077	>CTNNB1-I19 IMRSPQMVS	302	775
>CTNNB1-I19 IMRSPQMVS	19	>CTNNB1-I19 IMRSPQMVS	32	13
>CTNNB1-I19 IMRSPQMVS	42	>CTNNB1-I19 IMRSPQMVS	48	6
>CTNNB1-I19 IMRSPQMVS	52	>CTNNB1-I19 IMRSPQMVS	14	38
>CTNNB1-I19 IMRSPQMVS	118	>CTNNB1-I19 IMRSPQMVS	371	253
>CTNNB1-I19 IMRSPQMVS	1180	>CTNNB1-I19 IMRSPQMVS	101	1079
>CTNNB1-I19 IMRSPQMVS	143	>CTNNB1-I19 IMRSPQMVS	72	71
>CTNNB1-I19 IMRSPQMVS	849	>CTNNB1-I19 IMRSPQMVS	390	459
>CTNNB1-I19 IMRSPQMVS	9	>CTNNB1-I19 IMRSPQMVS	6	3
>CTNNB1-I19 IMRSPQMVS	1594	>CTNNB1-I19 IMRSPQMVS	390	1204
>CTNNB1-I19 IMRSPQMVS	377	>CTNNB1-I19 IMRSPQMVS	172	205
>CTNNB1-I19 VSAIVRTM	21	>CTNNB1-I19 VSALVRTM	41	20
>CTNNB1-I19 VSAIVRTM	454	>CTNNB1-I19 VSALVRTM	520	66
>CTNNB1-I19 VSAIVRTM	140	>CTNNB1-I19 VSALVRTM	86	54
>CTNNB1-I19 MVSAIVRT	346	>CTNNB1-I19 MVSALVRT	693	347
>CTNNB1-I19 MVSAIVRTM	201	>CTNNB1-I19 MVSALVRTM	560	359
>CTNNB1-I19 MVSAIVRTM	298	>CTNNB1-I19 MVSALVRTM	490	192

>CTNNB1-I19 MVSAIVRTM	258	>CTNNB1-I19 MVSALVRTM	651	393
>CTNNB1-I19 MVSAIVRT	39	>CTNNB1-I19 MVSALVRT	158	119
>CTNNB1-I19 MVSAIVRTM	58	>CTNNB1-I19 MVSALVRTM	388	330
>CTNNB1-I19 MVSAIVRTM	412	>CTNNB1-I19 MVSALVRTM	233	179
>CTNNB1-I19 MVSAIVRTM	526	>CTNNB1-I19 MVSALVRTM	300	226
>CTNNB1-I19 MVSAIVRTM	54	>CTNNB1-I19 MVSALVRTM	54	0
>CTNNB1-I19 MVSAIVRTM	105	>CTNNB1-I19 MVSALVRTM	129	24
>CTNNB1-I19 MVSAIVRTM	139	>CTNNB1-I19 MVSALVRTM	155	16
>CTNNB1-I19 QMVSAIVRTI	223	>CTNNB1-I19 QMVSALVRTI	250	27
>CTNNB1-I19 QMVSAIVRTI	352	>CTNNB1-I19 QMVSALVRTI	392	40
>CTNNB1-I19 QMVSAIVRTI	258	>CTNNB1-I19 QMVSALVRTI	489	231
>CTNNB1-I19 QMVSAIVRT	354	>CTNNB1-I19 QMVSALVRT	819	465
>CTNNB1-I19 QMVSAIVRTI	129	>CTNNB1-I19 QMVSALVRTI	89	40
>CTNNB1-I19 QMVSAIVR	177	>CTNNB1-I19 QMVSALVR	306	129
>CTNNB1-I19 QMVSAIVR	85	>CTNNB1-I19 QMVSALVR	172	87
>CTNNB1-I19 QMVSAIVRTI	128	>CTNNB1-I19 QMVSALVRTI	126	2
>CTNNB1-I19 QMVSAIVRTI	47	>CTNNB1-I19 QMVSALVRTI	58	11
>CTNNB1-I19 QMVSAIVR	66	>CTNNB1-I19 QMVSALVR	81	15
>CTNNB1-I19 PQMVSAIV	360	>CTNNB1-I19 PQMVSALV	118	242
>CTNNB1-I19 PQMVSAIV	490	>CTNNB1-I19 PQMVSALV	1131	641
>CTNNB1-I19 PQMVSAIVRTI	82	>CTNNB1-I19 PQMVSALVRTI	81	1
>CTNNB1-I19 SPQMVSAL	287	>CTNNB1-I19 SPQMVSAL	711	424
>CTNNB1-I19 SPQMVSAL	1210	>CTNNB1-I19 SPQMVSAL	485	725
>CTNNB1-I19 SPQMVSAL	52	>CTNNB1-I19 SPQMVSAL	20	32
>CTNNB1-I19 SPQMVSALV	177	>CTNNB1-I19 SPQMVSALV	724	547
>CTNNB1-I19 SPQMVSAL	899	>CTNNB1-I19 SPQMVSAL	307	592
>CTNNB1-I19 SPQMVSAL	1046	>CTNNB1-I19 SPQMVSAL	212	834
>CTNNB1-I19 SPQMVSAL	2450	>CTNNB1-I19 SPQMVSAL	176	2274
>CTNNB1-I19 SPQMVSAL	524	>CTNNB1-I19 SPQMVSAL	143	381
>CTNNB1-I19 RSPQMVSAL	318	>CTNNB1-I19 RSPQMVSAL	374	56
>CTNNB1-I19 RSPQMVSALI	368	>CTNNB1-I19 RSPQMVSALI	620	252
>CTNNB1-I19 RSPQMVSAL	50	>CTNNB1-I19 RSPQMVSAL	134	84
>CTNNB1-I19 RSPQMVSALI	225	>CTNNB1-I19 RSPQMVSALI	103	122
>CTNNB1-I19 RSPQMVSAL	71	>CTNNB1-I19 RSPQMVSAL	19	52
>CTNNB1-I19 RSPQMVSAL	9	>CTNNB1-I19 RSPQMVSAL	4	5
>CTNNB1-I19 RSPQMVSALI	5	>CTNNB1-I19 RSPQMVSALI	4	1
>CTNNB1-I19 RSPQMVSAL	927	>CTNNB1-I19 RSPQMVSAL	398	529
>CTNNB1-I19 RSPQMVSALI	149	>CTNNB1-I19 RSPQMVSALI	131	18
>CTNNB1-I19 RSPQMVSAL	1877	>CTNNB1-I19 RSPQMVSAL	373	1504
>CTNNB1-I19 RSPQMVSALI	231	>CTNNB1-I19 RSPQMVSALI	205	26
>CTNNB1-I19 RSPQMVSAL	16	>CTNNB1-I19 RSPQMVSAL	152	136
>CTNNB1-I19 MRSPQMVSAL	1014	>CTNNB1-I19 MRSPQMVSAL	191	823
>CTNNB1-I19 MRSPQMVSAL	94	>CTNNB1-I19 MRSPQMVSAL	60	34

>CTNNB1-I1 <sup>ε</sup> MRSPQMVS/	283	>CTNNB1-I1 <sup>ε</sup> MRSPQMVS/	588	305
>CTNNB1-I1 <sup>ε</sup> MRSPQMVS/	694	>CTNNB1-I1 <sup>ε</sup> MRSPQMVS/	208	486
>CTNNB1-I1 <sup>ε</sup> MRSPQMVS/	96	>CTNNB1-I1 <sup>ε</sup> MRSPQMVS/	13	83
>CTNNB1-I1 <sup>ε</sup> MRSPQMVS/	197	>CTNNB1-I1 <sup>ε</sup> MRSPQMVS/	534	337
>CTNNB1-I1 <sup>ε</sup> MRSPQMVS/	788	>CTNNB1-I1 <sup>ε</sup> MRSPQMVS/	224	564
>CTNNB1-I1 <sup>ε</sup> MRSPQMVS/	362	>CTNNB1-I1 <sup>ε</sup> MRSPQMVS/	301	61
>CTNNB1-I3 <sup>ε</sup> GIHSGATTTA	432	>CTNNB1-I3 <sup>ε</sup> GKHSGATTTA/	13865	13433
>CTNNB1-I3 <sup>ε</sup> GIHSGATTTA	276	>CTNNB1-I3 <sup>ε</sup> GKHSGATTTA/	11901	11625
>CTNNB1-I3 <sup>ε</sup> GIHSGATTTA	362	>CTNNB1-I3 <sup>ε</sup> GKHSGATTTA/	25672	25310
>CTNNB1-I3 <sup>ε</sup> WQQQSYLDS	268	>CTNNB1-I3 <sup>ε</sup> WQQQSYLDS	19797	19529
>CTNNB1-I3 <sup>ε</sup> WQQQSYLDS	431	>CTNNB1-I3 <sup>ε</sup> WQQQSYLDS	8518	8087
>CTNNB1-I3 <sup>ε</sup> WQQQSYLDS	187	>CTNNB1-I3 <sup>ε</sup> WQQQSYLDS	1405	1218
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	78	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	505	427
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	212	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	923	711
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSG	278	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSG	5498	5220
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	24	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	76	52
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	284	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	1422	1138
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	32	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	86	54
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	78	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	504	426
>CTNNB1-I3 <sup>ε</sup> YLDSGIHS	419	>CTNNB1-I3 <sup>ε</sup> YLDSGKHS	4466	4047
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	280	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	977	697
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	178	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	673	495
>CTNNB1-I3 <sup>ε</sup> YLDSGIHS	47	>CTNNB1-I3 <sup>ε</sup> YLDSGKHS	360	313
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSG	15	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSG	143	128
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	2	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	4	2
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	12	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	28	16
>CTNNB1-I3 <sup>ε</sup> YLDSGIHS	395	>CTNNB1-I3 <sup>ε</sup> YLDSGKHS	3404	3009
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSG	139	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSG	913	774
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	8	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	16	8
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	83	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	226	143
>CTNNB1-I3 <sup>ε</sup> YLDSGIHS	101	>CTNNB1-I3 <sup>ε</sup> YLDSGKHS	865	764
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSG	140	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSG	889	749
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	7	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	10	3
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	121	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	254	133
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	7	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	21	14
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	255	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	870	615
>CTNNB1-I3 <sup>ε</sup> YLDSGIHS	66	>CTNNB1-I3 <sup>ε</sup> YLDSGKHS	428	362
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSG	13	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSG	57	44
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	2	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	3	1
>CTNNB1-I3 <sup>ε</sup> YLDSGIHSGA	36	>CTNNB1-I3 <sup>ε</sup> YLDSGKHSGA	62	26
>CTNNB1-I3 <sup>ε</sup> SYLDSGIHSG/	410	>CTNNB1-I3 <sup>ε</sup> SYLDSGKHSG	569	159
>CTNNB1-I3 <sup>ε</sup> QSYLDSGI	21737	>CTNNB1-I3 <sup>ε</sup> QSYLDSGK	415	21322
>CTNNB1-I3 <sup>ε</sup> QSYLDSGI	24753	>CTNNB1-I3 <sup>ε</sup> QSYLDSGK	106	24647

>CTNNB1-I35 QSYLDSGI	25423	>CTNNB1-I35 QSYLDSGK	130	25293
>CTNNB1-I35 QSYLDSGI	46	>CTNNB1-I35 QSYLDSGK	11092	11046
>CTNNB1-I35 QSYLDSGI	22	>CTNNB1-I35 QSYLDSGK	33925	33903
>CTNNB1-I35 QQSYLDSGI	417	>CTNNB1-I35 QQSYLDSGK	2803	2386
>CTNNB1-I35 QQQSYLDSGI	381	>CTNNB1-I35 QQQSYLDSGI	2880	2499
>CTNNB1-I35 IHSGATTTA	4304	>CTNNB1-I35 MHSGATTTA	191	4113
>CTNNB1-I35 IHSGATTTAP	3465	>CTNNB1-I35 MHSGATTTA	213	3252
>CTNNB1-I35 GIHSGATTTA	432	>CTNNB1-I35 GMHSGATTT	57	375
>CTNNB1-I35 GIHSGATT	2383	>CTNNB1-I35 GMHSGATT	160	2223
>CTNNB1-I35 GIHSGATTT	1717	>CTNNB1-I35 GMHSGATTT	95	1622
>CTNNB1-I35 GIHSGATTTA	276	>CTNNB1-I35 GMHSGATTT	67	209
>CTNNB1-I35 GIHSGATT	7121	>CTNNB1-I35 GMHSGATT	210	6911
>CTNNB1-I35 GIHSGATTT	9090	>CTNNB1-I35 GMHSGATTT	396	8694
>CTNNB1-I35 GIHSGATTTA	2515	>CTNNB1-I35 GMHSGATTT	37	2478
>CTNNB1-I35 GIHSGATTTA	6211	>CTNNB1-I35 GMHSGATTT	90	6121
>CTNNB1-I35 GIHSGATTTA	3137	>CTNNB1-I35 GMHSGATTT	74	3063
>CTNNB1-I35 GIHSGATT	6304	>CTNNB1-I35 GMHSGATT	154	6150
>CTNNB1-I35 GIHSGATTT	5448	>CTNNB1-I35 GMHSGATTT	110	5338
>CTNNB1-I35 GIHSGATTTA	362	>CTNNB1-I35 GMHSGATTT	12	350
>CTNNB1-I35 WQQQSYLDS	268	>CTNNB1-I35 WQQQSYLDS	1319	1051
>CTNNB1-I35 WQQQSYLDS	431	>CTNNB1-I35 WQQQSYLDS	65	366
>CTNNB1-I35 WQQQSYLDS	1235	>CTNNB1-I35 WQQQSYLDS	141	1094
>CTNNB1-I35 WQQQSYLDS	187	>CTNNB1-I35 WQQQSYLDS	69	118
>CTNNB1-I35 YLDSGIHSGA	78	>CTNNB1-I35 YLDSGMHSG	105	27
>CTNNB1-I35 YLDSGIHSGA	212	>CTNNB1-I35 YLDSGMHSG	267	55
>CTNNB1-I35 YLDSGIHSG	278	>CTNNB1-I35 YLDSGMHSG	459	181
>CTNNB1-I35 YLDSGIHSGA	24	>CTNNB1-I35 YLDSGMHSG	29	5
>CTNNB1-I35 YLDSGIHSGA	284	>CTNNB1-I35 YLDSGMHSG	339	55
>CTNNB1-I35 YLDSGIHSGA	32	>CTNNB1-I35 YLDSGMHSG	39	7
>CTNNB1-I35 YLDSGIHSGA	78	>CTNNB1-I35 YLDSGMHSG	80	2
>CTNNB1-I35 YLDSGIHS	419	>CTNNB1-I35 YLDSGMHS	450	31
>CTNNB1-I35 YLDSGIHSG	570	>CTNNB1-I35 YLDSGMHSG	445	125
>CTNNB1-I35 YLDSGIHSGA	280	>CTNNB1-I35 YLDSGMHSG	364	84
>CTNNB1-I35 YLDSGIHSGA	178	>CTNNB1-I35 YLDSGMHSG	160	18
>CTNNB1-I35 YLDSGIHS	47	>CTNNB1-I35 YLDSGMHS	109	62
>CTNNB1-I35 YLDSGIHSG	15	>CTNNB1-I35 YLDSGMHSG	62	47
>CTNNB1-I35 YLDSGIHSGA	2	>CTNNB1-I35 YLDSGMHSG	4	2
>CTNNB1-I35 YLDSGIHSGA	12	>CTNNB1-I35 YLDSGMHSG	19	7
>CTNNB1-I35 YLDSGIHS	395	>CTNNB1-I35 YLDSGMHS	539	144
>CTNNB1-I35 YLDSGIHSG	139	>CTNNB1-I35 YLDSGMHSG	274	135
>CTNNB1-I35 YLDSGIHSGA	8	>CTNNB1-I35 YLDSGMHSG	13	5
>CTNNB1-I35 YLDSGIHSGA	83	>CTNNB1-I35 YLDSGMHSG	117	34
>CTNNB1-I35 YLDSGIHS	101	>CTNNB1-I35 YLDSGMHS	182	81

>CTNNB1-I3E YLDSGIHSG	140	>CTNNB1-I3E YLDSGMHSG	468	328
>CTNNB1-I3E YLDSGIHSGA	7	>CTNNB1-I3E YLDSGMHSG	8	1
>CTNNB1-I3E YLDSGIHSGA	121	>CTNNB1-I3E YLDSGMHSG	191	70
>CTNNB1-I3E YLDSGIHSGA	7	>CTNNB1-I3E YLDSGMHSG	13	6
>CTNNB1-I3E YLDSGIHSGA	255	>CTNNB1-I3E YLDSGMHSG	669	414
>CTNNB1-I3E YLDSGIHS	66	>CTNNB1-I3E YLDSGMHS	79	13
>CTNNB1-I3E YLDSGIHSG	13	>CTNNB1-I3E YLDSGMHSG	48	35
>CTNNB1-I3E YLDSGIHSGA	2	>CTNNB1-I3E YLDSGMHSG	2	0
>CTNNB1-I3E YLDSGIHSGA	36	>CTNNB1-I3E YLDSGMHSG	51	15
>CTNNB1-I3E YLDSGIHSGA	554	>CTNNB1-I3E YLDSGMHSG	433	121
>CTNNB1-I3E SYLDSGIHSG/	410	>CTNNB1-I3E SYLDSGMHS/	370	40
>CTNNB1-I3E QSYLDSGI	46	>CTNNB1-I3E QSYLDSGM	11	35
>CTNNB1-I3E QSYLDSGI	22	>CTNNB1-I3E QSYLDSGM	689	667
>CTNNB1-I3E QQS YLDSGI	1545	>CTNNB1-I3E QQS YLDSGM	115	1430
>CTNNB1-I3E QQS YLDSGI	417	>CTNNB1-I3E QQS YLDSGM	166	251
>CTNNB1-I3E QQQSYLDSGI	1950	>CTNNB1-I3E QQQSYLDSGI	153	1797
>CTNNB1-I3E QQQSYLDSGI	381	>CTNNB1-I3E QQQSYLDSGI	164	217
>CTNNB1-I3E GIHSGATTTA	432	>CTNNB1-I3E GNHSGATTT/	7614	7182
>CTNNB1-I3E GIHSGATTTA	276	>CTNNB1-I3E GNHSGATTT/	8008	7732
>CTNNB1-I3E GIHSGATTTA	362	>CTNNB1-I3E GNHSGATTT/	30436	30074
>CTNNB1-I3E WQQQSYLDS	268	>CTNNB1-I3E WQQQSYLDS	19334	19066
>CTNNB1-I3E WQQQSYLDS	431	>CTNNB1-I3E WQQQSYLDS	6839	6408
>CTNNB1-I3E WQQQSYLDS	187	>CTNNB1-I3E WQQQSYLDS	7359	7172
>CTNNB1-I3E YLDSGIHSGA	78	>CTNNB1-I3E YLDSGNHSG/	231	153
>CTNNB1-I3E YLDSGIHSGA	212	>CTNNB1-I3E YLDSGNHSG/	329	117
>CTNNB1-I3E YLDSGIHSG	278	>CTNNB1-I3E YLDSGNHSG	1041	763
>CTNNB1-I3E YLDSGIHSGA	24	>CTNNB1-I3E YLDSGNHSG/	39	15
>CTNNB1-I3E YLDSGIHSGA	284	>CTNNB1-I3E YLDSGNHSG/	532	248
>CTNNB1-I3E YLDSGIHSGA	32	>CTNNB1-I3E YLDSGNHSG/	54	22
>CTNNB1-I3E YLDSGIHSGA	78	>CTNNB1-I3E YLDSGNHSG/	222	144
>CTNNB1-I3E YLDSGIHS	419	>CTNNB1-I3E YLDSGNHS	842	423
>CTNNB1-I3E YLDSGIHSGA	280	>CTNNB1-I3E YLDSGNHSG/	699	419
>CTNNB1-I3E YLDSGIHSGA	178	>CTNNB1-I3E YLDSGNHSG/	294	116
>CTNNB1-I3E YLDSGIHS	47	>CTNNB1-I3E YLDSGNHS	235	188
>CTNNB1-I3E YLDSGIHSG	15	>CTNNB1-I3E YLDSGNHSG	89	74
>CTNNB1-I3E YLDSGIHSGA	2	>CTNNB1-I3E YLDSGNHSG/	3	1
>CTNNB1-I3E YLDSGIHSGA	12	>CTNNB1-I3E YLDSGNHSG/	19	7
>CTNNB1-I3E YLDSGIHS	395	>CTNNB1-I3E YLDSGNHS	706	311
>CTNNB1-I3E YLDSGIHSG	139	>CTNNB1-I3E YLDSGNHSG	320	181
>CTNNB1-I3E YLDSGIHSGA	8	>CTNNB1-I3E YLDSGNHSG/	8	0
>CTNNB1-I3E YLDSGIHSGA	83	>CTNNB1-I3E YLDSGNHSG/	92	9
>CTNNB1-I3E YLDSGIHS	101	>CTNNB1-I3E YLDSGNHS	341	240
>CTNNB1-I3E YLDSGIHSG	140	>CTNNB1-I3E YLDSGNHSG	615	475

>CTNNB1-I3E YLDSGIHSGA	7	>CTNNB1-I3E YLDSGNHSG/	8	1
>CTNNB1-I3E YLDSGIHSGA	121	>CTNNB1-I3E YLDSGNHSG/	189	68
>CTNNB1-I3E YLDSGIHSGA	7	>CTNNB1-I3E YLDSGNHSG/	10	3
>CTNNB1-I3E YLDSGIHSGA	255	>CTNNB1-I3E YLDSGNHSG/	425	170
>CTNNB1-I3E YLDSGIHS	66	>CTNNB1-I3E YLDSGNHS	239	173
>CTNNB1-I3E YLDSGIHSG	13	>CTNNB1-I3E YLDSGNHSG	53	40
>CTNNB1-I3E YLDSGIHSGA	2	>CTNNB1-I3E YLDSGNHSG/	2	0
>CTNNB1-I3E YLDSGIHSGA	36	>CTNNB1-I3E YLDSGNHSG/	50	14
>CTNNB1-I3E SYLDSGIHSG/	410	>CTNNB1-I3E SYLDSGNHSC	403	7
>CTNNB1-I3E QSYLDSGI	46	>CTNNB1-I3E QSYLDSGN	7119	7073
>CTNNB1-I3E QSYLDSGI	22	>CTNNB1-I3E QSYLDSGN	29644	29622
>CTNNB1-I3E QQS YLDSGI	417	>CTNNB1-I3E QQS YLDSGN	9662	9245
>CTNNB1-I3E QQQSYLDSGI	381	>CTNNB1-I3E QQQSYLDSGI	9752	9371
>CTNNB1-I3E GIHSGATTTA	432	>CTNNB1-I3E GSHSGATTTA	5932	5500
>CTNNB1-I3E GIHSGATTTA	276	>CTNNB1-I3E GSHSGATTTA	5160	4884
>CTNNB1-I3E GIHSGATTTA	362	>CTNNB1-I3E GSHSGATTTA	26300	25938
>CTNNB1-I3E GIHSGATTT	3234	>CTNNB1-I3E GSHSGATTT	204	3030
>CTNNB1-I3E WQQQSYLDS	268	>CTNNB1-I3E WQQQSYLDS	6258	5990
>CTNNB1-I3E WQQQSYLDS	431	>CTNNB1-I3E WQQQSYLDS	4199	3768
>CTNNB1-I3E WQQQSYLDS	187	>CTNNB1-I3E WQQQSYLDS	4330	4143
>CTNNB1-I3E YLDSGIHSGA	78	>CTNNB1-I3E YLDSGSHSGA	195	117
>CTNNB1-I3E YLDSGIHSGA	212	>CTNNB1-I3E YLDSGSHSGA	294	82
>CTNNB1-I3E YLDSGIHSG	278	>CTNNB1-I3E YLDSGSHSG	750	472
>CTNNB1-I3E YLDSGIHSGA	24	>CTNNB1-I3E YLDSGSHSGA	34	10
>CTNNB1-I3E YLDSGIHSGA	284	>CTNNB1-I3E YLDSGSHSGA	392	108
>CTNNB1-I3E YLDSGIHSGA	32	>CTNNB1-I3E YLDSGSHSGA	38	6
>CTNNB1-I3E YLDSGIHSGA	78	>CTNNB1-I3E YLDSGSHSGA	124	46
>CTNNB1-I3E YLDSGIHS	419	>CTNNB1-I3E YLDSGSHS	818	399
>CTNNB1-I3E YLDSGIHSGA	280	>CTNNB1-I3E YLDSGSHSGA	480	200
>CTNNB1-I3E YLDSGIHSGA	178	>CTNNB1-I3E YLDSGSHSGA	263	85
>CTNNB1-I3E YLDSGIHS	47	>CTNNB1-I3E YLDSGSHS	113	66
>CTNNB1-I3E YLDSGIHSG	15	>CTNNB1-I3E YLDSGSHSG	49	34
>CTNNB1-I3E YLDSGIHSGA	2	>CTNNB1-I3E YLDSGSHSGA	3	1
>CTNNB1-I3E YLDSGIHSGA	12	>CTNNB1-I3E YLDSGSHSGA	16	4
>CTNNB1-I3E YLDSGIHS	395	>CTNNB1-I3E YLDSGSHS	491	96
>CTNNB1-I3E YLDSGIHSG	139	>CTNNB1-I3E YLDSGSHSG	161	22
>CTNNB1-I3E YLDSGIHSGA	8	>CTNNB1-I3E YLDSGSHSGA	8	0
>CTNNB1-I3E YLDSGIHSGA	83	>CTNNB1-I3E YLDSGSHSGA	71	12
>CTNNB1-I3E YLDSGIHS	101	>CTNNB1-I3E YLDSGSHS	191	90
>CTNNB1-I3E YLDSGIHSG	140	>CTNNB1-I3E YLDSGSHSG	264	124
>CTNNB1-I3E YLDSGIHSGA	7	>CTNNB1-I3E YLDSGSHSGA	8	1
>CTNNB1-I3E YLDSGIHSGA	121	>CTNNB1-I3E YLDSGSHSGA	141	20
>CTNNB1-I3E YLDSGIHSGA	7	>CTNNB1-I3E YLDSGSHSGA	10	3

>CTNNB1-I3E YLDSGIHSGA	255	>CTNNB1-I3E YLDSGSHSGA	283	28
>CTNNB1-I3E YLDSGIHS	66	>CTNNB1-I3E YLDSGSHS	95	29
>CTNNB1-I3E YLDSGIHSG	13	>CTNNB1-I3E YLDSGSHSG	33	20
>CTNNB1-I3E YLDSGIHSGA	2	>CTNNB1-I3E YLDSGSHSGA	2	0
>CTNNB1-I3E YLDSGIHSGA	36	>CTNNB1-I3E YLDSGSHSGA	45	9
>CTNNB1-I3E SYLDSGIHSGA	410	>CTNNB1-I3E SYLDSGSHSG	392	18
>CTNNB1-I3E QSYLDSGI	46	>CTNNB1-I3E QSYLDSGS	5295	5249
>CTNNB1-I3E QSYLDSGI	22	>CTNNB1-I3E QSYLDSGS	24025	24003
>CTNNB1-I3E QQS YLDSGI	417	>CTNNB1-I3E QQS YLDSGS	7042	6625
>CTNNB1-I3E QQQSYLDSGI	381	>CTNNB1-I3E QQQSYLDSG	6575	6194
>CTNNB1-I3E GIHSGATTTA	432	>CTNNB1-I3E GTHSGATTTA	1033	601
>CTNNB1-I3E GIHSGATTTA	276	>CTNNB1-I3E GTHSGATTTA	714	438
>CTNNB1-I3E GIHSGATTTA	362	>CTNNB1-I3E GTHSGATTTA	9233	8871
>CTNNB1-I3E GIHSGATTT	3234	>CTNNB1-I3E GTHSGATTT	71	3163
>CTNNB1-I3E WQQQSYLDS	268	>CTNNB1-I3E WQQQSYLDS	2563	2295
>CTNNB1-I3E WQQQSYLDS	431	>CTNNB1-I3E WQQQSYLDS	4811	4380
>CTNNB1-I3E WQQQSYLDS	187	>CTNNB1-I3E WQQQSYLDS	4083	3896
>CTNNB1-I3E YLDSGIHSGA	78	>CTNNB1-I3E YLDSGTHSGA	129	51
>CTNNB1-I3E YLDSGIHSGA	212	>CTNNB1-I3E YLDSGTHSGA	266	54
>CTNNB1-I3E YLDSGIHSG	278	>CTNNB1-I3E YLDSGTHSG	433	155
>CTNNB1-I3E YLDSGIHSGA	24	>CTNNB1-I3E YLDSGTHSGA	29	5
>CTNNB1-I3E YLDSGIHSGA	284	>CTNNB1-I3E YLDSGTHSGA	337	53
>CTNNB1-I3E YLDSGIHSGA	32	>CTNNB1-I3E YLDSGTHSGA	35	3
>CTNNB1-I3E YLDSGIHSGA	78	>CTNNB1-I3E YLDSGTHSGA	92	14
>CTNNB1-I3E YLDSGIHS	419	>CTNNB1-I3E YLDSGTHS	498	79
>CTNNB1-I3E YLDSGIHSGA	280	>CTNNB1-I3E YLDSGTHSGA	289	9
>CTNNB1-I3E YLDSGIHSGA	178	>CTNNB1-I3E YLDSGTHSGA	236	58
>CTNNB1-I3E YLDSGIHS	47	>CTNNB1-I3E YLDSGTHS	130	83
>CTNNB1-I3E YLDSGIHSG	15	>CTNNB1-I3E YLDSGTHSG	46	31
>CTNNB1-I3E YLDSGIHSGA	2	>CTNNB1-I3E YLDSGTHSGA	3	1
>CTNNB1-I3E YLDSGIHSGA	12	>CTNNB1-I3E YLDSGTHSGA	18	6
>CTNNB1-I3E YLDSGIHS	395	>CTNNB1-I3E YLDSGTHS	682	287
>CTNNB1-I3E YLDSGIHSG	139	>CTNNB1-I3E YLDSGTHSG	170	31
>CTNNB1-I3E YLDSGIHSGA	8	>CTNNB1-I3E YLDSGTHSGA	7	1
>CTNNB1-I3E YLDSGIHSGA	83	>CTNNB1-I3E YLDSGTHSGA	72	11
>CTNNB1-I3E YLDSGIHS	101	>CTNNB1-I3E YLDSGTHS	177	76
>CTNNB1-I3E YLDSGIHSG	140	>CTNNB1-I3E YLDSGTHSG	275	135
>CTNNB1-I3E YLDSGIHSGA	7	>CTNNB1-I3E YLDSGTHSGA	7	0
>CTNNB1-I3E YLDSGIHSGA	121	>CTNNB1-I3E YLDSGTHSGA	157	36
>CTNNB1-I3E YLDSGIHSGA	7	>CTNNB1-I3E YLDSGTHSGA	7	0
>CTNNB1-I3E YLDSGIHSGA	255	>CTNNB1-I3E YLDSGTHSGA	249	6
>CTNNB1-I3E YLDSGIHS	66	>CTNNB1-I3E YLDSGTHS	72	6
>CTNNB1-I3E YLDSGIHSG	13	>CTNNB1-I3E YLDSGTHSG	23	10

>CTNNB1-I3 <sup>E</sup> YLDSGIHSGA	2	>CTNNB1-I3 <sup>E</sup> YLD SGTHSGA	2	0
>CTNNB1-I3 <sup>E</sup> YLDSGIHSGA	36	>CTNNB1-I3 <sup>E</sup> YLD SGTHSGA	44	8
>CTNNB1-I3 <sup>E</sup> YLDSGIHSGA	554	>CTNNB1-I3 <sup>E</sup> YLD SGTHSGA	380	174
>CTNNB1-I3 <sup>E</sup> SYLDSGIHSG/	410	>CTNNB1-I3 <sup>E</sup> SYLD SGTHSG	350	60
>CTNNB1-I3 <sup>E</sup> QSYLDSGI	46	>CTNNB1-I3 <sup>E</sup> QSYLD SGT	3266	3220
>CTNNB1-I3 <sup>E</sup> QSYLDSGI	22	>CTNNB1-I3 <sup>E</sup> QSYLD SGT	25275	25253
>CTNNB1-I3 <sup>E</sup> QQSYLDSGI	417	>CTNNB1-I3 <sup>E</sup> QQSYLD SGT	8138	7721
>CTNNB1-I3 <sup>E</sup> QQQSYLDSGI	381	>CTNNB1-I3 <sup>E</sup> QQQSYLD SG	7223	6842
>CTNNB1-K1 KAAVSHWQ	7326	>CTNNB1-K1 DAAVSHWQ	396	6930
>CTNNB1-K1 RKA AVSHW	55	>CTNNB1-K1 RDA AVSHW	9833	9778
>CTNNB1-K1 RKA AVSHW	38	>CTNNB1-K1 RDA AVSHW	77	39
>CTNNB1-K1 RKA AVSHW	203	>CTNNB1-K1 RDA AVSHW	5369	5166
>CTNNB1-K1 EPDRKAAV	323	>CTNNB1-K1 EPDRDAAV	282	41
>CTNNB1-K1 EPDRKAAVSH	83	>CTNNB1-K1 EPDRDAAVSH	32	51
>CTNNB1-K1 EPDRKAAVSH	13	>CTNNB1-K1 EPDRDAAVSH	11	2
>CTNNB1-K1 MEPDRKAAV	112	>CTNNB1-K1 MEPDRDAAV	1210	1098
>CTNNB1-K1 MEPDRKAAV	805	>CTNNB1-K1 MEPDRDAAV	425	380
>CTNNB1-K1 MEPDRKAAV	196	>CTNNB1-K1 MEPDRDAAV	224	28
>CTNNB1-K1 AMEPDRKAA	1615	>CTNNB1-K1 AMEPDRDAA	486	1129
>CTNNB1-K1 AMEPDRKAA	855	>CTNNB1-K1 AMEPDRDAA	207	648
>CTNNB1-K1 AMEPDRKAA	346	>CTNNB1-K1 AMEPDRDAA	321	25
>CTNNB1-K1 AMEPDRKAA	46	>CTNNB1-K1 AMEPDRDAA	39	7
>CTNNB1-K1 AMEPDRKAA	71	>CTNNB1-K1 AMEPDRDAA	24	47
>CTNNB1-K1 AMEPDRKAA	514	>CTNNB1-K1 AMEPDRDAA	197	317
>CTNNB1-K1 AMEPDRKA	304	>CTNNB1-K1 AMEPDRDA	498	194
>CTNNB1-K1 AMEPDRKAA	241	>CTNNB1-K1 AMEPDRDAA	185	56
>CTNNB1-K1 AMEPDRKAA	3	>CTNNB1-K1 AMEPDRDAA	4	1
>CTNNB1-K1 MAMEPDRK/	299	>CTNNB1-K1 MAMEPDRD/	191	108
>CTNNB1-K1 MAMEPDRK/	258	>CTNNB1-K1 MAMEPDRD/	185	73
>CTNNB1-K1 MAMEPDRK/	165	>CTNNB1-K1 MAMEPDRD/	155	10
>CTNNB1-K1 MAMEPDRK/	45	>CTNNB1-K1 MAMEPDRD/	38	7
>CTNNB1-K1 MAMEPDRK/	35	>CTNNB1-K1 MAMEPDRD/	54	19
>CTNNB1-K1 MAMEPDRK/	453	>CTNNB1-K1 MAMEPDRD/	251	202
>CTNNB1-K1 MAMEPDRK/	76	>CTNNB1-K1 MAMEPDRD/	98	22
>CTNNB1-K1 MAMEPDRK	62	>CTNNB1-K1 MAMEPDRD	27244	27182
>CTNNB1-K1 MAMEPDRK	45	>CTNNB1-K1 MAMEPDRD	21811	21766
>CTNNB1-K1 MAMEPDRK/	108	>CTNNB1-K1 MAMEPDRD/	595	487
>CTNNB1-K1 MAMEPDRK/	1399	>CTNNB1-K1 MAMEPDRD/	344	1055
>CTNNB1-K1 MAMEPDRK/	7	>CTNNB1-K1 MAMEPDRD/	8	1
>CTNNB1-K1 MAMEPDRK/	24	>CTNNB1-K1 MAMEPDRD/	52	28
>CTNNB1-K1 MAMEPDRK/	372	>CTNNB1-K1 MAMEPDRD/	107	265
>CTNNB1-K1 MAMEPDRK/	285	>CTNNB1-K1 MAMEPDRD/	386	101
>CTNNB1-K3 KLLWTTSRV	12	>CTNNB1-K3 ILLWTTSRV	17	5



>CTNNB1-K3 KLLWTTSRVL	278	>CTNNB1-K3 ILLWTTSRVL	274	4
>CTNNB1-K3 KLLWTTSRV	45	>CTNNB1-K3 ILLWTTSRV	47	2
>CTNNB1-K3 KLLWTTSRVL	219	>CTNNB1-K3 ILLWTTSRVL	228	9
>CTNNB1-K3 KLLWTTSRV	7	>CTNNB1-K3 ILLWTTSRV	8	1
>CTNNB1-K3 KLLWTTSRVL	168	>CTNNB1-K3 ILLWTTSRVL	167	1
>CTNNB1-K3 KLLWTTSRV	27	>CTNNB1-K3 ILLWTTSRV	57	30
>CTNNB1-K3 KLLWTTSRVL	408	>CTNNB1-K3 ILLWTTSRVL	513	105
>CTNNB1-K3 KLLWTTSRV	1	>CTNNB1-K3 ILLWTTSRV	1	0
>CTNNB1-K3 KLLWTTSRVL	5	>CTNNB1-K3 ILLWTTSRVL	5	0
>CTNNB1-K3 KLLWTTSRV	4	>CTNNB1-K3 ILLWTTSRV	5	1
>CTNNB1-K3 KLLWTTSRVL	17	>CTNNB1-K3 ILLWTTSRVL	38	21
>CTNNB1-K3 KLLWTTSRV	5	>CTNNB1-K3 ILLWTTSRV	5	0
>CTNNB1-K3 KLLWTTSRVL	19	>CTNNB1-K3 ILLWTTSRVL	29	10
>CTNNB1-K3 KLLWTTSRV	2	>CTNNB1-K3 ILLWTTSRV	2	0
>CTNNB1-K3 KLLWTTSRVL	19	>CTNNB1-K3 ILLWTTSRVL	10	9
>CTNNB1-K3 KLLWTTSRV	2	>CTNNB1-K3 ILLWTTSRV	2	0
>CTNNB1-K3 KLLWTTSRVL	13	>CTNNB1-K3 ILLWTTSRVL	9	4
>CTNNB1-K3 KLLWTTSRVL	785	>CTNNB1-K3 ILLWTTSRVLk	323	462
>CTNNB1-K3 KLLWTTSR	84	>CTNNB1-K3 ILLWTTSR	211	127
>CTNNB1-K3 KLLWTTSRVL	27	>CTNNB1-K3 ILLWTTSRVLk	30	3
>CTNNB1-K3 KLLWTTSRVL	19	>CTNNB1-K3 ILLWTTSRVLk	23	4
>CTNNB1-K3 KLLWTTSRVL	14	>CTNNB1-K3 ILLWTTSRVLk	288	274
>CTNNB1-K3 KLLWTTSR	15	>CTNNB1-K3 ILLWTTSR	56	41
>CTNNB1-K3 KLLWTTSRVL	63	>CTNNB1-K3 ILLWTTSRVLk	474	411
>CTNNB1-K3 KLLWTTSR	176	>CTNNB1-K3 ILLWTTSR	3513	3337
>CTNNB1-K3 KLLWTTSRV	157	>CTNNB1-K3 ILLWTTSRV	2385	2228
>CTNNB1-K3 KLLWTTSRVL	19	>CTNNB1-K3 ILLWTTSRVL	391	372
>CTNNB1-K3 KLLWTTSR	2102	>CTNNB1-K3 ILLWTTSR	100	2002
>CTNNB1-K3 KLLWTTSR	1658	>CTNNB1-K3 ILLWTTSR	205	1453
>CTNNB1-K3 KLLWTTSRVL	2212	>CTNNB1-K3 ILLWTTSRVLk	224	1988
>CTNNB1-K3 KLLWTTSRV	194	>CTNNB1-K3 ILLWTTSRV	122	72
>CTNNB1-K3 KLLWTTSRVL	454	>CTNNB1-K3 ILLWTTSRVL	428	26
>CTNNB1-K3 KLLWTTSR	17	>CTNNB1-K3 ILLWTTSR	63	46
>CTNNB1-K3 KLLWTTSRVL	76	>CTNNB1-K3 ILLWTTSRVLk	564	488
>CTNNB1-K3 EKLLWTTSRV	6643	>CTNNB1-K3 EILLWTTSRV	83	6560
>CTNNB1-K3 EKLLWTTSRV	4921	>CTNNB1-K3 EILLWTTSRV	180	4741
>CTNNB1-K3 EKLLWTTSRV	5613	>CTNNB1-K3 EILLWTTSRV	41	5572
>CTNNB1-K3 EKLLWTTSRV	10514	>CTNNB1-K3 EILLWTTSRV	93	10421
>CTNNB1-K3 EKLLWTTSRV	7303	>CTNNB1-K3 EILLWTTSRV	9	7294
>CTNNB1-K3 EKLLWTTSRV	12844	>CTNNB1-K3 EILLWTTSRV	18	12826
>CTNNB1-K3 EKLLWTTSR	387	>CTNNB1-K3 EILLWTTSR	13	374
>CTNNB1-K3 EKLLWTTSR	935	>CTNNB1-K3 EILLWTTSR	28	907
>CTNNB1-K3 EKLLWTTSRV	6604	>CTNNB1-K3 EILLWTTSRV	214	6390

>CTNNB1-K3 EKLLWTTSRV	357	>CTNNB1-K3 EILLWTTSRV	4	353
>CTNNB1-K3 EKLLWTTSRV	8156	>CTNNB1-K3 EILLWTTSRVI	87	8069
>CTNNB1-K3 EKLLWTTSRV	303	>CTNNB1-K3 EILLWTTSRVI	8967	8664
>CTNNB1-K3 EKLLWTTSRV	90	>CTNNB1-K3 EILLWTTSRVI	1222	1132
>CTNNB1-K3 EKLLWTTSR	295	>CTNNB1-K3 EILLWTTSR	70	225
>CTNNB1-K3 VNIMRITYTYE	9381	>CTNNB1-K3 VNIMRITYTYE	250	9131
>CTNNB1-K3 VNIMRITYTYE	345	>CTNNB1-K3 VNIMRITYTYE	22870	22525
>CTNNB1-K3 YEKLLWTT	280	>CTNNB1-K3 YEILLWTT	354	74
>CTNNB1-K3 YEKLLWTTSR	44	>CTNNB1-K3 YEILLWTTSR\	60	16
>CTNNB1-K3 YEKLLWTTSR	3647	>CTNNB1-K3 YEILLWTTSR\	148	3499
>CTNNB1-K3 YEKLLWTT	231	>CTNNB1-K3 YEILLWTT	65	166
>CTNNB1-K3 YEKLLWTT	517	>CTNNB1-K3 YEILLWTT	102	415
>CTNNB1-K3 YEKLLWTTSR	1742	>CTNNB1-K3 YEILLWTTSR\	463	1279
>CTNNB1-K3 YEKLLWTTSR	889	>CTNNB1-K3 YEILLWTTSR\	106	783
>CTNNB1-K3 YEKLLWTT	64	>CTNNB1-K3 YEILLWTT	53	11
>CTNNB1-K3 YEKLLWTT	113	>CTNNB1-K3 YEILLWTT	81	32
>CTNNB1-K3 YEKLLWTTSR	423	>CTNNB1-K3 YEILLWTTSR	280	143
>CTNNB1-K3 YEKLLWTTSR	173	>CTNNB1-K3 YEILLWTTSR\	139	34
>CTNNB1-K3 YEKLLWTT	485	>CTNNB1-K3 YEILLWTT	375	110
>CTNNB1-K3 YEKLLWTT	214	>CTNNB1-K3 YEILLWTT	52	162
>CTNNB1-K3 YEKLLWTT	130	>CTNNB1-K3 YEILLWTT	59	71
>CTNNB1-K3 YEKLLWTTSR	5	>CTNNB1-K3 YEILLWTTSR\	3	2
>CTNNB1-K3 YEKLLWTTSR	570	>CTNNB1-K3 YEILLWTTSR	458	112
>CTNNB1-K3 TYEKLLWTT	248	>CTNNB1-K3 TYEILLWTT	753	505
>CTNNB1-K3 TYEKLLWTT	104	>CTNNB1-K3 TYEILLWTTSF	88	16
>CTNNB1-K3 TYEKLLWTT	69	>CTNNB1-K3 TYEILLWTTSF	66	3
>CTNNB1-K3 TYEKLLWTT	523	>CTNNB1-K3 TYEILLWTTSF	495	28
>CTNNB1-K3 TYEKLLWTT	38	>CTNNB1-K3 TYEILLWTTSF	50	12
>CTNNB1-K3 YTYEKLLWT	103	>CTNNB1-K3 YTYEILLWT	35	68
>CTNNB1-K3 YTYEKLLWTT	73	>CTNNB1-K3 YTYEILLWTT	45	28
>CTNNB1-K3 YTYEKLLWT	1329	>CTNNB1-K3 YTYEILLWT	187	1142
>CTNNB1-K3 YTYEKLLWTT	95	>CTNNB1-K3 YTYEILLWTT	56	39
>CTNNB1-K3 YTYEKLLWT	76	>CTNNB1-K3 YTYEILLWT	52	24
>CTNNB1-K3 YTYEKLLWTT	72	>CTNNB1-K3 YTYEILLWTT	74	2
>CTNNB1-K3 YTYEKLLWTT	662	>CTNNB1-K3 YTYEILLWTT	468	194
>CTNNB1-K3 YTYEKLLWT	43	>CTNNB1-K3 YTYEILLWT	19	24
>CTNNB1-K3 YTYEKLLWTT	27	>CTNNB1-K3 YTYEILLWTT	27	0
>CTNNB1-K3 YTYEKLLWTT	157	>CTNNB1-K3 YTYEILLWTT	85	72
>CTNNB1-K3 YTYEKLLWT	43	>CTNNB1-K3 YTYEILLWT	20	23
>CTNNB1-K3 YTYEKLLWTT	9	>CTNNB1-K3 YTYEILLWTT	6	3
>CTNNB1-K3 YTYEKLLWTT	321	>CTNNB1-K3 YTYEILLWTT	172	149
>CTNNB1-K3 YTYEKLLWTT	154	>CTNNB1-K3 YTYEILLWTT	145	9
>CTNNB1-K3 YTYEKLLWT	914	>CTNNB1-K3 YTYEILLWT	295	619

>CTNNB1-K3 YTYEKLLWTT	112	>CTNNB1-K3 YTYEILLWTT	58	54
>CTNNB1-K3 YTYEKLLWT	827	>CTNNB1-K3 YTYEILLWT	353	474
>CTNNB1-K3 YTYEKLLWTT	141	>CTNNB1-K3 YTYEILLWTT	86	55
>CTNNB1-K3 YTYEKLLW	789	>CTNNB1-K3 YTYEILLW	242	547
>CTNNB1-K3 YTYEKLLW	1455	>CTNNB1-K3 YTYEILLW	276	1179
>CTNNB1-K3 YTYEKLLWTT	127	>CTNNB1-K3 YTYEILLWTT	60	67
>CTNNB1-K3 YTYEKLLWT	481	>CTNNB1-K3 YTYEILLWT	63	418
>CTNNB1-K3 YTYEKLLWTT	78	>CTNNB1-K3 YTYEILLWTT	26	52
>CTNNB1-K3 YTYEKLLW	3	>CTNNB1-K3 YTYEILLW	3	0
>CTNNB1-K3 YTYEKLLWT	83	>CTNNB1-K3 YTYEILLWT	221	138
>CTNNB1-K3 YTYEKLLWTT	114	>CTNNB1-K3 YTYEILLWTT	171	57
>CTNNB1-K3 YTYEKLLWTT	163	>CTNNB1-K3 YTYEILLWTT	365	202
>CTNNB1-K3 YTYEKLLW	550	>CTNNB1-K3 YTYEILLW	245	305
>CTNNB1-K3 YTYEKLLW	51	>CTNNB1-K3 YTYEILLW	40	11
>CTNNB1-K3 YTYEKLLW	14	>CTNNB1-K3 YTYEILLW	11	3
>CTNNB1-K3 YTYEKLLW	1772	>CTNNB1-K3 YTYEILLW	325	1447
>CTNNB1-K3 YTYEKLLWT	1782	>CTNNB1-K3 YTYEILLWT	214	1568
>CTNNB1-K3 YTYEKLLWTT	530	>CTNNB1-K3 YTYEILLWTT	129	401
>CTNNB1-K3 YTYEKLLW	188	>CTNNB1-K3 YTYEILLW	42	146
>CTNNB1-K3 TYTYEKLL	877	>CTNNB1-K3 TYTYEILL	458	419
>CTNNB1-K3 TYTYEKLLW	211	>CTNNB1-K3 TYTYEILLW	65	146
>CTNNB1-K3 TYTYEKLLW	237	>CTNNB1-K3 TYTYEILLW	108	129
>CTNNB1-K3 TYTYEKLL	107	>CTNNB1-K3 TYTYEILL	44	63
>CTNNB1-K3 TYTYEKLLW	151	>CTNNB1-K3 TYTYEILLW	39	112
>CTNNB1-K3 TYTYEKLL	760	>CTNNB1-K3 TYTYEILL	361	399
>CTNNB1-K3 TYTYEKLLW	785	>CTNNB1-K3 TYTYEILLW	266	519
>CTNNB1-K3 TYTYEKLLWT	1103	>CTNNB1-K3 TYTYEILLWT	374	729
>CTNNB1-K3 RTYTYEKL	6	>CTNNB1-K3 RTYTYEIL	8	2
>CTNNB1-K3 RTYTYEKLL	88	>CTNNB1-K3 RTYTYEILL	51	37
>CTNNB1-K3 RTYTYEKLL	7508	>CTNNB1-K3 RTYTYEILL	252	7256
>CTNNB1-K3 RTYTYEKL	381	>CTNNB1-K3 RTYTYEIL	668	287
>CTNNB1-K3 RTYTYEKLL	2175	>CTNNB1-K3 RTYTYEILL	312	1863
>CTNNB1-K3 RTYTYEKLL	996	>CTNNB1-K3 RTYTYEILL	128	868
>CTNNB1-K3 RTYTYEKL	68	>CTNNB1-K3 RTYTYEIL	54	14
>CTNNB1-K3 RTYTYEKLL	397	>CTNNB1-K3 RTYTYEILL	124	273
>CTNNB1-K3 RTYTYEKLLW	106	>CTNNB1-K3 RTYTYEILLW	42	64
>CTNNB1-K3 RTYTYEKL	275	>CTNNB1-K3 RTYTYEIL	109	166
>CTNNB1-K3 RTYTYEKLL	310	>CTNNB1-K3 RTYTYEILL	360	50
>CTNNB1-K3 RTYTYEKL	4	>CTNNB1-K3 RTYTYEIL	6	2
>CTNNB1-K3 RTYTYEKLL	4	>CTNNB1-K3 RTYTYEILL	4	0
>CTNNB1-K3 RTYTYEKLLW	3	>CTNNB1-K3 RTYTYEILLW	3	0
>CTNNB1-K3 RTYTYEKLLW	54	>CTNNB1-K3 RTYTYEILLW	80	26
>CTNNB1-K3 RTYTYEKLL	907	>CTNNB1-K3 RTYTYEILL	249	658

>CTNNB1-K3 RTYTYEKLL	428	>CTNNB1-K3 RTYTYEILL	986	558
>CTNNB1-K3 RTYTYEKLLW	37	>CTNNB1-K3 RTYTYEILLW	35	2
>CTNNB1-K3 RTYTYEKL	196	>CTNNB1-K3 RTYTYEIL	87	109
>CTNNB1-K3 RTYTYEKLL	768	>CTNNB1-K3 RTYTYEILL	119	649
>CTNNB1-K3 RTYTYEKLLW	10	>CTNNB1-K3 RTYTYEILLW	9	1
>CTNNB1-K3 RTYTYEKLL	285	>CTNNB1-K3 RTYTYEILL	62	223
>CTNNB1-K3 RTYTYEKLLW	1990	>CTNNB1-K3 RTYTYEILLW	376	1614
>CTNNB1-K3 RTYTYEKLL	34	>CTNNB1-K3 RTYTYEILL	37	3
>CTNNB1-K3 RTYTYEKLLW	299	>CTNNB1-K3 RTYTYEILLW	256	43
>CTNNB1-K3 RTYTYEKLLW	976	>CTNNB1-K3 RTYTYEILLW	490	486
>CTNNB1-K3 RTYTYEKL	414	>CTNNB1-K3 RTYTYEIL	734	320
>CTNNB1-K3 RTYTYEKLL	243	>CTNNB1-K3 RTYTYEILL	78	165
>CTNNB1-K3 RTYTYEKLL	823	>CTNNB1-K3 RTYTYEILL	178	645
>CTNNB1-K3 RTYTYEKL	57	>CTNNB1-K3 RTYTYEIL	55	2
>CTNNB1-K3 RTYTYEKLL	124	>CTNNB1-K3 RTYTYEILL	115	9
>CTNNB1-K3 MRTYTYEK	414	>CTNNB1-K3 MRTYTYEI	31688	31274
>CTNNB1-K3 MRTYTYEK	1517	>CTNNB1-K3 MRTYTYEI	207	1310
>CTNNB1-K3 MRTYTYEKL	206	>CTNNB1-K3 MRTYTYEIL	84	122
>CTNNB1-K3 MRTYTYEKLL	289	>CTNNB1-K3 MRTYTYEILL	267	22
>CTNNB1-K3 MRTYTYEK	138	>CTNNB1-K3 MRTYTYEI	293	155
>CTNNB1-K3 MRTYTYEKL	200	>CTNNB1-K3 MRTYTYEIL	675	475
>CTNNB1-K3 MRTYTYEKLL	52	>CTNNB1-K3 MRTYTYEILL	35	17
>CTNNB1-K3 MRTYTYEKL	2879	>CTNNB1-K3 MRTYTYEIL	324	2555
>CTNNB1-K3 MRTYTYEKLL	1707	>CTNNB1-K3 MRTYTYEILL	253	1454
>CTNNB1-K3 MRTYTYEKLL	409	>CTNNB1-K3 MRTYTYEILL	275	134
>CTNNB1-K3 MRTYTYEKLL	972	>CTNNB1-K3 MRTYTYEILL	307	665
>CTNNB1-K3 MRTYTYEKL	569	>CTNNB1-K3 MRTYTYEIL	345	224
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>CTNNB1-K3 MRTYTYEKLL	97	>CTNNB1-K3 MRTYTYEILL	53	44
>CTNNB1-K3 MRTYTYEK	4660	>CTNNB1-K3 MRTYTYEI	112	4548
>CTNNB1-K3 MRTYTYEKL	223	>CTNNB1-K3 MRTYTYEIL	223	0
>CTNNB1-K3 MRTYTYEKLL	8	>CTNNB1-K3 MRTYTYEILL	7	1
>CTNNB1-K3 IMRTYTYEKLI	203	>CTNNB1-K3 IMRTYTYEILL	127	76
>CTNNB1-K3 IMRTYTYEK	16873	>CTNNB1-K3 IMRTYTYEI	25	16848
>CTNNB1-K3 IMRTYTYEKLI	952	>CTNNB1-K3 IMRTYTYEILL	119	833
>CTNNB1-K3 IMRTYTYEK	4855	>CTNNB1-K3 IMRTYTYEI	11	4844
>CTNNB1-K3 IMRTYTYEKL	90	>CTNNB1-K3 IMRTYTYEIL	123	33
>CTNNB1-K3 IMRTYTYEKLI	114	>CTNNB1-K3 IMRTYTYEILL	37	77
>CTNNB1-K3 IMRTYTYEK	11738	>CTNNB1-K3 IMRTYTYEI	13	11725
>CTNNB1-K3 IMRTYTYEKL	296	>CTNNB1-K3 IMRTYTYEIL	314	18
>CTNNB1-K3 IMRTYTYEKLI	189	>CTNNB1-K3 IMRTYTYEILL	131	58
>CTNNB1-K3 IMRTYTYEK	8407	>CTNNB1-K3 IMRTYTYEI	13	8394

>CTNNB1-K3 IMRTYTYEKL	84	>CTNNB1-K3 IMRTYTYEIL	233	149
>CTNNB1-K3 IMRTYTYEKLI	279	>CTNNB1-K3 IMRTYTYEILL	76	203
>CTNNB1-K3 IMRTYTYEK	14425	>CTNNB1-K3 IMRTYTYEI	27	14398
>CTNNB1-K3 IMRTYTYEKL	594	>CTNNB1-K3 IMRTYTYEIL	426	168
>CTNNB1-K3 IMRTYTYEKLI	1258	>CTNNB1-K3 IMRTYTYEILL	406	852
>CTNNB1-K3 IMRTYTYEK	20734	>CTNNB1-K3 IMRTYTYEI	118	20616
>CTNNB1-K3 IMRTYTYEK	5043	>CTNNB1-K3 IMRTYTYEI	19	5024
>CTNNB1-K3 IMRTYTYEKL	25	>CTNNB1-K3 IMRTYTYEIL	51	26
>CTNNB1-K3 IMRTYTYEKLI	44	>CTNNB1-K3 IMRTYTYEILL	15	29
>CTNNB1-K3 IMRTYTYEK	51	>CTNNB1-K3 IMRTYTYEI	15486	15435
>CTNNB1-K3 IMRTYTYEK	60	>CTNNB1-K3 IMRTYTYEI	22873	22813
>CTNNB1-K3 IMRTYTYEK	7	>CTNNB1-K3 IMRTYTYEI	71	64
>CTNNB1-K3 IMRTYTYEKLI	544	>CTNNB1-K3 IMRTYTYEILL	155	389
>CTNNB1-K3 IMRTYTYEK	16	>CTNNB1-K3 IMRTYTYEI	3890	3874
>CTNNB1-K3 IMRTYTYEK	13635	>CTNNB1-K3 IMRTYTYEI	153	13482
>CTNNB1-K3 IMRTYTYEK	11409	>CTNNB1-K3 IMRTYTYEI	253	11156
>CTNNB1-K3 IMRTYTYEKLI	395	>CTNNB1-K3 IMRTYTYEILL	859	464
>CTNNB1-K3 IMRTYTYEK	98	>CTNNB1-K3 IMRTYTYEI	21	77
>CTNNB1-K3 IMRTYTYEKL	24	>CTNNB1-K3 IMRTYTYEIL	11	13
>CTNNB1-K3 IMRTYTYEKLI	30	>CTNNB1-K3 IMRTYTYEILL	40	10
>CTNNB1-K3 IMRTYTYEK	23431	>CTNNB1-K3 IMRTYTYEI	446	22985
>CTNNB1-K3 IMRTYTYEK	251	>CTNNB1-K3 IMRTYTYEI	22951	22700
>CTNNB1-K3 NIMRTYTYEK	9068	>CTNNB1-K3 NIMRTYTYEI	175	8893
>CTNNB1-K3 NIMRTYTYEK	10426	>CTNNB1-K3 NIMRTYTYEI	97	10329
>CTNNB1-K3 NIMRTYTYEK	132	>CTNNB1-K3 NIMRTYTYEIL	225	93
>CTNNB1-K3 NIMRTYTYEK	8950	>CTNNB1-K3 NIMRTYTYEI	78	8872
>CTNNB1-K3 NIMRTYTYEK	9795	>CTNNB1-K3 NIMRTYTYEI	95	9700
>CTNNB1-K3 NIMRTYTYEK	21483	>CTNNB1-K3 NIMRTYTYEI	312	21171
>CTNNB1-K3 NIMRTYTYEK	17746	>CTNNB1-K3 NIMRTYTYEI	208	17538
>CTNNB1-K3 NIMRTYTYEK	18960	>CTNNB1-K3 NIMRTYTYEI	134	18826
>CTNNB1-K3 NIMRTYTYEK	45	>CTNNB1-K3 NIMRTYTYEI	14132	14087
>CTNNB1-K3 NIMRTYTYEK	15	>CTNNB1-K3 NIMRTYTYEI	26480	26465
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>CTNNB1-K3 NIMRTYTYEK	17216	>CTNNB1-K3 NIMRTYTYEI	453	16763
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>CTNNB1-K3 NIMRTYTYEK	18140	>CTNNB1-K3 NIMRTYTYEI	103	18037
>CTNNB1-K3 NIMRTYTYEK	159	>CTNNB1-K3 NIMRTYTYEIL	317	158
>CTNNB1-K3 NIMRTYTYEK	8305	>CTNNB1-K3 NIMRTYTYEI	30	8275
>CTNNB1-K3 NIMRTYTYEK	222	>CTNNB1-K3 NIMRTYTYEIL	577	355
>CTNNB1-K3 NIMRTYTYEK	725	>CTNNB1-K3 NIMRTYTYEIL	421	304
>CTNNB1-K4 GKGNEEED\	29485	>CTNNB1-K4 GEGNEEED\	284	29201
>CTNNB1-K4 ATTTAPSLSGI	216	>CTNNB1-K4 ATTTAPSLSGI	20732	20516
>CTNNB1-K4 ATTTAPSLSGI	36	>CTNNB1-K4 ATTTAPSLSGI	19310	19274

>CTNNB1-K4 ATTTAPSLSGI	51	>CTNNB1-K4 ATTTAPSLSGI	11723	11672
>CTNNB1-K4 ATTTAPSLSGI	129	>CTNNB1-K4 ATTTAPSLSGI	19431	19302
>CTNNB1-K4 ATTTAPSLSGI	404	>CTNNB1-K4 ATTTAPSLSGI	7141	6737
>CTNNB1-K4 TAPSLSGK	164	>CTNNB1-K4 TAPSLSGE	17902	17738
>CTNNB1-K4 TTAPSLSGK	86	>CTNNB1-K4 TTAPSLSGE	19698	19612
>CTNNB1-K4 TTAPSLSGK	10	>CTNNB1-K4 TTAPSLSGE	15108	15098
>CTNNB1-K4 TTAPSLSGK	5	>CTNNB1-K4 TTAPSLSGE	774	769
>CTNNB1-K4 TTAPSLSGK	198	>CTNNB1-K4 TTAPSLSGE	8422	8224
>CTNNB1-K4 TTTAPSLSGK	59	>CTNNB1-K4 TTTAPSLSGE	20582	20523
>CTNNB1-K4 TTTAPSLSGK	15	>CTNNB1-K4 TTTAPSLSGE	27657	27642
>CTNNB1-K4 TTTAPSLSGK	439	>CTNNB1-K4 TTTAPSLSGE	15776	15337
>CTNNB1-K4 TTTAPSLSGK	8	>CTNNB1-K4 TTTAPSLSGE	12668	12660
>CTNNB1-K4 ATTTAPSLSGI	216	>CTNNB1-K4 ATTTAPSLSGI	4491	4275
>CTNNB1-K4 ATTTAPSLSGI	36	>CTNNB1-K4 ATTTAPSLSGI	404	368
>CTNNB1-K4 ATTTAPSLSGI	51	>CTNNB1-K4 ATTTAPSLSGI	4057	4006
>CTNNB1-K4 ATTTAPSLSGI	3829	>CTNNB1-K4 ATTTAPSLSGI	255	3574
>CTNNB1-K4 ATTTAPSLSGI	129	>CTNNB1-K4 ATTTAPSLSGI	32	97
>CTNNB1-K4 ATTTAPSLSGI	404	>CTNNB1-K4 ATTTAPSLSGI	638	234
>CTNNB1-K4 APSLSGKGNF	1071	>CTNNB1-K4 APSLSGRGNF	472	599
>CTNNB1-K4 TAPSLSGK	164	>CTNNB1-K4 TAPSLSGR	48	116
>CTNNB1-K4 TTAPSLSGK	86	>CTNNB1-K4 TTAPSLSGR	1842	1756
>CTNNB1-K4 TTAPSLSGK	10	>CTNNB1-K4 TTAPSLSGR	62	52
>CTNNB1-K4 TTAPSLSGK	2033	>CTNNB1-K4 TTAPSLSGR	93	1940
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>CTNNB1-K4 TTAPSLSGK	198	>CTNNB1-K4 TTAPSLSGR	318	120
>CTNNB1-K4 TTTAPSLSGK	59	>CTNNB1-K4 TTTAPSLSGR	1213	1154
>CTNNB1-K4 TTTAPSLSGK	15	>CTNNB1-K4 TTTAPSLSGR	103	88
>CTNNB1-K4 TTTAPSLSGK	439	>CTNNB1-K4 TTTAPSLSGR	9892	9453
>CTNNB1-K4 TTTAPSLSGK	1850	>CTNNB1-K4 TTTAPSLSGR	114	1736
>CTNNB1-K4 TTTAPSLSGK	8	>CTNNB1-K4 TTTAPSLSGR	4	4
>CTNNB1-L3: YLDSGIHSGA	78	>CTNNB1-L3: YQDSGIHSGA	2356	2278
>CTNNB1-L3: YLDSGIHSGA	212	>CTNNB1-L3: YQDSGIHSGA	2087	1875
>CTNNB1-L3: YLDSGIHSG	278	>CTNNB1-L3: YQDSGIHSG	6139	5861
>CTNNB1-L3: YLDSGIHSGA	24	>CTNNB1-L3: YQDSGIHSGA	304	280
>CTNNB1-L3: YLDSGIHSGA	284	>CTNNB1-L3: YQDSGIHSGA	5481	5197
>CTNNB1-L3: YLDSGIHSGA	32	>CTNNB1-L3: YQDSGIHSGA	302	270
>CTNNB1-L3: YLDSGIHSGA	78	>CTNNB1-L3: YQDSGIHSGA	2591	2513
>CTNNB1-L3: YLDSGIHS	419	>CTNNB1-L3: YQDSGIHS	171	248
>CTNNB1-L3: YLDSGIHSG	570	>CTNNB1-L3: YQDSGIHSG	106	464
>CTNNB1-L3: YLDSGIHSGA	280	>CTNNB1-L3: YQDSGIHSGA	310	30
>CTNNB1-L3: YLDSGIHSGA	178	>CTNNB1-L3: YQDSGIHSGA	51	127
>CTNNB1-L3: YLDSGIHS	47	>CTNNB1-L3: YQDSGIHS	3092	3045
>CTNNB1-L3: YLDSGIHSG	15	>CTNNB1-L3: YQDSGIHSG	980	965

>CTNNB1-L3:YLDSGIHSGA	2	>CTNNB1-L3:YQDSGIHSGA	60	58
>CTNNB1-L3:YLDSGIHSGA	12	>CTNNB1-L3:YQDSGIHSGA	771	759
>CTNNB1-L3:YLDSGIHS	395	>CTNNB1-L3:YQDSGIHS	8073	7678
>CTNNB1-L3:YLDSGIHSG	139	>CTNNB1-L3:YQDSGIHSG	2421	2282
>CTNNB1-L3:YLDSGIHSGA	8	>CTNNB1-L3:YQDSGIHSGA	343	335
>CTNNB1-L3:YLDSGIHSGA	83	>CTNNB1-L3:YQDSGIHSGA	3288	3205
>CTNNB1-L3:YLDSGIHS	101	>CTNNB1-L3:YQDSGIHS	7264	7163
>CTNNB1-L3:YLDSGIHSG	140	>CTNNB1-L3:YQDSGIHSG	6050	5910
>CTNNB1-L3:YLDSGIHSGA	7	>CTNNB1-L3:YQDSGIHSGA	341	334
>CTNNB1-L3:YLDSGIHSGA	121	>CTNNB1-L3:YQDSGIHSGA	5984	5863
>CTNNB1-L3:YLDSGIHSGA	7	>CTNNB1-L3:YQDSGIHSGA	1038	1031
>CTNNB1-L3:YLDSGIHSGA	255	>CTNNB1-L3:YQDSGIHSGA	9215	8960
>CTNNB1-L3:YLDSGIHS	66	>CTNNB1-L3:YQDSGIHS	22664	22598
>CTNNB1-L3:YLDSGIHSG	13	>CTNNB1-L3:YQDSGIHSG	16113	16100
>CTNNB1-L3:YLDSGIHSGA	2	>CTNNB1-L3:YQDSGIHSGA	1112	1110
>CTNNB1-L3:YLDSGIHSGA	36	>CTNNB1-L3:YQDSGIHSGA	11593	11557
>CTNNB1-L3:AVSHWQQQ	77	>CTNNB1-L3:AVSHWQQQ	7588	7511
>CTNNB1-L3:AVSHWQQQ	245	>CTNNB1-L3:AVSHWQQQ	12708	12463
>CTNNB1-L3:AVSHWQQQ	368	>CTNNB1-L3:AVSHWQQQ	13968	13600
>CTNNB1-L3:AVSHWQQQ	40	>CTNNB1-L3:AVSHWQQQ	4408	4368
>CTNNB1-L3:AVSHWQQQ	488	>CTNNB1-L3:AVSHWQQQ	14691	14203
>CTNNB1-L3:AVSHWQQQ	460	>CTNNB1-L3:AVSHWQQQ	5032	4572
>CTNNB1-L3:SYLDSGIHSG	410	>CTNNB1-L3:SYQDSGIHSG	824	414
>CTNNB1-L3:QSYLDSGI	46	>CTNNB1-L3:QSYQDSGI	30	16
>CTNNB1-L3:QSYLDSGI	22	>CTNNB1-L3:QSYQDSGI	19	3
>CTNNB1-L3:QQSYLDSGI	417	>CTNNB1-L3:QQSYQDSGI	407	10
>CTNNB1-L3:QQQSYLDSGI	381	>CTNNB1-L3:QQQSYQDSG	336	45
>CTNNB1-L3:WQQQSYLDS	268	>CTNNB1-L3:WQQQSYQD	404	136
>CTNNB1-L3:WQQQSYLDS	431	>CTNNB1-L3:WQQQSYQD	552	121
>CTNNB1-L3:WQQQSYLDS	187	>CTNNB1-L3:WQQQSYQD	167	20
>CTNNB1-L3:HWQQQSYL	22	>CTNNB1-L3:HWQQQSYQ	4936	4914
>CTNNB1-L3:HWQQQSYL	1430	>CTNNB1-L3:HWQQQSYQ	108	1322
>CTNNB1-L3:HWQQQSYL	116	>CTNNB1-L3:HWQQQSYQ	455	339
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>CTNNB1-L3:VSHWQQQS	18	>CTNNB1-L3:VSHWQQQS	5559	5541
>CTNNB1-L3:VSHWQQQS	139	>CTNNB1-L3:VSHWQQQS	5255	5116
>CTNNB1-L3:VSHWQQQS	396	>CTNNB1-L3:VSHWQQQS	30693	30297
>CTNNB1-L3:YLDSGIHSGA	78	>CTNNB1-L3:YWDSGIHSG	20212	20134
>CTNNB1-L3:YLDSGIHSGA	212	>CTNNB1-L3:YWDSGIHSG	18048	17836
>CTNNB1-L3:YLDSGIHSG	278	>CTNNB1-L3:YWDSGIHSG	12454	12176
>CTNNB1-L3:YLDSGIHSGA	24	>CTNNB1-L3:YWDSGIHSG	7320	7296
>CTNNB1-L3:YLDSGIHSGA	284	>CTNNB1-L3:YWDSGIHSG	12485	12201

>CTNNB1-L3:YLDSGIHSGA	32	>CTNNB1-L3:YWDSGIHSG/	10472	10440
>CTNNB1-L3:YLDSGIHSGA	78	>CTNNB1-L3:YWDSGIHSG/	19342	19264
>CTNNB1-L3:YLDSGIHS	419	>CTNNB1-L3:YWDSGIHS	11862	11443
>CTNNB1-L3:YLDSGIHSGA	280	>CTNNB1-L3:YWDSGIHSG/	10329	10049
>CTNNB1-L3:YLDSGIHSGA	178	>CTNNB1-L3:YWDSGIHSG/	4639	4461
>CTNNB1-L3:YLDSGIHS	47	>CTNNB1-L3:YWDSGIHS	16945	16898
>CTNNB1-L3:YLDSGIHSG	15	>CTNNB1-L3:YWDSGIHSG	11317	11302
>CTNNB1-L3:YLDSGIHSGA	2	>CTNNB1-L3:YWDSGIHSG/	2040	2038
>CTNNB1-L3:YLDSGIHSGA	12	>CTNNB1-L3:YWDSGIHSG/	9327	9315
>CTNNB1-L3:YLDSGIHS	395	>CTNNB1-L3:YWDSGIHS	20611	20216
>CTNNB1-L3:YLDSGIHSG	139	>CTNNB1-L3:YWDSGIHSG	14941	14802
>CTNNB1-L3:YLDSGIHSGA	8	>CTNNB1-L3:YWDSGIHSG/	10995	10987
>CTNNB1-L3:YLDSGIHSGA	83	>CTNNB1-L3:YWDSGIHSG/	18517	18434
>CTNNB1-L3:YLDSGIHS	101	>CTNNB1-L3:YWDSGIHS	17472	17371
>CTNNB1-L3:YLDSGIHSG	140	>CTNNB1-L3:YWDSGIHSG	16415	16275
>CTNNB1-L3:YLDSGIHSGA	7	>CTNNB1-L3:YWDSGIHSG/	6278	6271
>CTNNB1-L3:YLDSGIHSGA	121	>CTNNB1-L3:YWDSGIHSG/	17680	17559
>CTNNB1-L3:YLDSGIHSGA	7	>CTNNB1-L3:YWDSGIHSG/	13871	13864
>CTNNB1-L3:YLDSGIHSGA	255	>CTNNB1-L3:YWDSGIHSG/	22578	22323
>CTNNB1-L3:YLDSGIHS	66	>CTNNB1-L3:YWDSGIHS	29306	29240
>CTNNB1-L3:YLDSGIHSG	13	>CTNNB1-L3:YWDSGIHSG	23857	23844
>CTNNB1-L3:YLDSGIHSGA	2	>CTNNB1-L3:YWDSGIHSG/	8007	8005
>CTNNB1-L3:YLDSGIHSGA	36	>CTNNB1-L3:YWDSGIHSG/	22574	22538
>CTNNB1-L3:YLDSGIHSG	27095	>CTNNB1-L3:YWDSGIHSG	475	26620
>CTNNB1-L3:AVSHWQQQ	77	>CTNNB1-L3:AVSHWQQQ	19682	19605
>CTNNB1-L3:AVSHWQQQ	245	>CTNNB1-L3:AVSHWQQQ	18643	18398
>CTNNB1-L3:AVSHWQQQ	368	>CTNNB1-L3:AVSHWQQQ	23701	23333
>CTNNB1-L3:AVSHWQQQ	40	>CTNNB1-L3:AVSHWQQQ	25749	25709
>CTNNB1-L3:AVSHWQQQ	488	>CTNNB1-L3:AVSHWQQQ	23325	22837
>CTNNB1-L3:AVSHWQQQ	1661	>CTNNB1-L3:AVSHWQQQ	47	1614
>CTNNB1-L3:AVSHWQQQ	20188	>CTNNB1-L3:AVSHWQQQ	353	19835
>CTNNB1-L3:AVSHWQQQ	6807	>CTNNB1-L3:AVSHWQQQ	18	6789
>CTNNB1-L3:AVSHWQQQ	460	>CTNNB1-L3:AVSHWQQQ	835	375
>CTNNB1-L3:SYLDSGIHSG/	410	>CTNNB1-L3:SYWDSGIHSC	314	96
>CTNNB1-L3:QSYLDSGI	3179	>CTNNB1-L3:QSYWDSGI	327	2852
>CTNNB1-L3:QSYLDSGI	46	>CTNNB1-L3:QSYWDSGI	36	10
>CTNNB1-L3:QSYLDSGI	22	>CTNNB1-L3:QSYWDSGI	12	10
>CTNNB1-L3:QQSYLDSGI	1017	>CTNNB1-L3:QQSYWDSGI	286	731
>CTNNB1-L3:QQSYLDSGI	417	>CTNNB1-L3:QQSYWDSGI	415	2
>CTNNB1-L3:QQQSYLDSGI	381	>CTNNB1-L3:QQQSYWDSGI	386	5
>CTNNB1-L3:WQQQSYLDS	268	>CTNNB1-L3:WQQQSYWD	92	176
>CTNNB1-L3:WQQQSYLDS	431	>CTNNB1-L3:WQQQSYWD	657	226
>CTNNB1-L3:WQQQSYLDS	187	>CTNNB1-L3:WQQQSYWD	226	39



>CTNNB1-L3:HWQQQSYL	22	>CTNNB1-L3:HWQQQSYW	27	5
>CTNNB1-L3:HWQQQSYL	116	>CTNNB1-L3:HWQQQSYW	209	93
>CTNNB1-L3:HWQQQSYLF	297	>CTNNB1-L3:HWQQQSYW	313	16
>CTNNB1-L3:SHWQQQSYL	75	>CTNNB1-L3:SHWQQQSYL	410	335
>CTNNB1-L3:SHWQQQSYL	17855	>CTNNB1-L3:SHWQQQSYL	110	17745
>CTNNB1-L3:VSHWQQQS\	18	>CTNNB1-L3:VSHWQQQS\	5	13
>CTNNB1-L3:VSHWQQQS\	6295	>CTNNB1-L3:VSHWQQQS\	47	6248
>CTNNB1-L3:VSHWQQQS\	829	>CTNNB1-L3:VSHWQQQS\	10	819
>CTNNB1-L3:VSHWQQQS\	139	>CTNNB1-L3:VSHWQQQS\	1636	1497
>CTNNB1-L3:VSHWQQQS\	15086	>CTNNB1-L3:VSHWQQQS\	197	14889
>CTNNB1-L3:VSHWQQQS\	396	>CTNNB1-L3:VSHWQQQS\	31836	31440
>CTNNB1-L4(HSGATTTAPS	1270	>CTNNB1-L4(HSGATTTAPS	106	1164
>CTNNB1-L4(HSGATTTAPS	33	>CTNNB1-L4(HSGATTTAPS	1137	1104
>CTNNB1-L4(TAPSLSGK	663	>CTNNB1-L4(TAPSVSGK	489	174
>CTNNB1-L4(TAPSLSGK	164	>CTNNB1-L4(TAPSVSGK	64	100
>CTNNB1-L4(TTAPSLSGK	86	>CTNNB1-L4(TTAPSVSGK	79	7
>CTNNB1-L4(TTAPSLSGK	10	>CTNNB1-L4(TTAPSVSGK	9	1
>CTNNB1-L4(TTAPSLSGK	5	>CTNNB1-L4(TTAPSVSGK	4	1
>CTNNB1-L4(TTAPSLSG	1429	>CTNNB1-L4(TTAPSVSG	360	1069
>CTNNB1-L4(TTAPSLSGK	198	>CTNNB1-L4(TTAPSVSGK	165	33
>CTNNB1-L4(TTTAPSLSGK	59	>CTNNB1-L4(TTTAPSVSGK	128	69
>CTNNB1-L4(TTTAPSLSGK	15	>CTNNB1-L4(TTTAPSVSGK	24	9
>CTNNB1-L4(TTTAPSLSGK	439	>CTNNB1-L4(TTTAPSVSGK	591	152
>CTNNB1-L4(TTTAPSLSGK	8	>CTNNB1-L4(TTTAPSVSGK	11	3
>CTNNB1-L4(TTTAPSL	338	>CTNNB1-L4(TTTAPSV	618	280
>CTNNB1-L4(ATTTAPSL	1617	>CTNNB1-L4(ATTTAPSV	241	1376
>CTNNB1-L4(ATTTAPSL	4890	>CTNNB1-L4(ATTTAPSV	284	4606
>CTNNB1-L4(ATTTAPSL	2436	>CTNNB1-L4(ATTTAPSV	85	2351
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>CTNNB1-L4(ATTTAPSLSGI	36	>CTNNB1-L4(ATTTAPSVSG	37	1
>CTNNB1-L4(ATTTAPSLSGI	51	>CTNNB1-L4(ATTTAPSVSG	57	6
>CTNNB1-L4(ATTTAPSLSGI	129	>CTNNB1-L4(ATTTAPSVSG	141	12
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>CTNNB1-L4(ATTTAPSL	362	>CTNNB1-L4(ATTTAPSV	525	163
>CTNNB1-L4(ATTTAPSLSGI	404	>CTNNB1-L4(ATTTAPSVSG	406	2
>CTNNB1-L4(ATTTAPSL	368	>CTNNB1-L4(ATTTAPSV	2302	1934
>CTNNB1-L4(GATTTAPSL	5173	>CTNNB1-L4(GATTTAPSV	196	4977
>CTNNB1-L4(GATTTAPSL	272	>CTNNB1-L4(GATTTAPSV	6753	6481
>CTNNB1-L4(GATTTAPSL	346	>CTNNB1-L4(GATTTAPSV	1919	1573
>CTNNB1-M\MELDMAME	385	>CTNNB1-M\MELDMAMEP	661	276
>CTNNB1-M\MELDMAME	395	>CTNNB1-M\MELDMAMEPI	576	181
>CTNNB1-M\MELDMAM	399	>CTNNB1-M\MELDMAM	869	470

>CTNNB1-MξDLMELDMA	477	>CTNNB1-MξDLIELDMA	959	482
>CTNNB1-MξDLMELDMA	223	>CTNNB1-MξDLIELDMA	6778	6555
>CTNNB1-MξDLMELDMAN	317	>CTNNB1-MξDLIELDMAM	9708	9391
>CTNNB1-MξDLMELDMAN	317	>CTNNB1-MξDLIELDMAM	100	217
>CTNNB1-MξDLMELDMAN	1499	>CTNNB1-MξDLIELDMAM	180	1319
>CTNNB1-MξDLMELDMAN	450	>CTNNB1-MξDLIELDMAM	121	329
>CTNNB1-MξDLMELDMAN	442	>CTNNB1-MξDLIELDMAM	1217	775
>CTNNB1-MξDLMELDMAN	71	>CTNNB1-MξDLIELDMAM	103	32
>CTNNB1-MξADLMELDMA	112	>CTNNB1-MξADLIELDMAN	449	337
>CTNNB1-MξADLMELDMA	656	>CTNNB1-MξADLIELDMA	485	171
>CTNNB1-MξADLMELDMA	493	>CTNNB1-MξADLIELDMAN	380	113
>CTNNB1-MξQADLMELDM	51	>CTNNB1-MξQADLIELDM	57	6
>CTNNB1-MξTQADLMEL	123	>CTNNB1-MξTQADLIEL	84	39
>CTNNB1-MξTQADLMEL	21	>CTNNB1-MξTQADLIEL	28	7
>CTNNB1-MξTQADLMELD	164	>CTNNB1-MξTQADLIELDM	150	14
>CTNNB1-MξTQADLMEL	131	>CTNNB1-MξTQADLIEL	271	140
>CTNNB1-MξTQADLMELD	272	>CTNNB1-MξTQADLIELDM	256	16
>CTNNB1-MξTQADLMEL	13	>CTNNB1-MξTQADLIEL	10	3
>CTNNB1-MξTQADLMELD	29	>CTNNB1-MξTQADLIELDM	27	2
>CTNNB1-MξTQADLMEL	83	>CTNNB1-MξTQADLIEL	76	7
>CTNNB1-MξATQADLMEL	465	>CTNNB1-MξATQADLIEL	731	266
>CTNNB1-MξATQADLMEL	353	>CTNNB1-MξATQADLIEL	304	49
>CTNNB1-MξATQADLMEL	436	>CTNNB1-MξATQADLIEL	204	232
>CTNNB1-MξATQADLMELI	506	>CTNNB1-MξATQADLIELDI	424	82
>CTNNB1-MξATQADLMEL	84	>CTNNB1-MξATQADLIEL	83	1
>CTNNB1-MξATQADLMELI	111	>CTNNB1-MξATQADLIELDI	172	61
>CTNNB1-MξMATQADLMI	466	>CTNNB1-MξMATQADLIEL	927	461
>CTNNB1-MξMATQADLMI	339	>CTNNB1-MξMATQADLIEL	559	220
>CTNNB1-MξMATQADLM	2882	>CTNNB1-MξMATQADLI	142	2740
>CTNNB1-MξMATQADLM	283	>CTNNB1-MξMATQADLI	2215	1932
>CTNNB1-MξMATQADLMI	122	>CTNNB1-MξMATQADLIEL	157	35
>CTNNB1-MξMATQADLM	19	>CTNNB1-MξMATQADLI	640	621
>CTNNB1-MξMATQADLMI	696	>CTNNB1-MξMATQADLIE	357	339
>CTNNB1-MξMATQADLM	491	>CTNNB1-MξMATQADLI	275	216
>CTNNB1-MξMATQADLM	199	>CTNNB1-MξMATQADLI	289	90
>CTNNB1-MξMATQADLMI	283	>CTNNB1-MξMATQADLIEL	559	276
>CTNNB1-MξMATQADLM	459	>CTNNB1-MξMATQADLI	2685	2226
>CTNNB1-MξMATQADLM	975	>CTNNB1-MξMATQADLI	154	821
>CTNNB1-MξMATQADLM	3044	>CTNNB1-MξMATQADLI	84	2960
>CTNNB1-N2NKTNVKFLAI	1183	>CTNNB1-N2SKTNVKFLAI	413	770
>CTNNB1-N2LNKTNVKFL	3705	>CTNNB1-N2LSKTNVKFL	124	3581
>CTNNB1-N2LNKTNVKFLA	3513	>CTNNB1-N2LSKTNVKFLA	129	3384
>CTNNB1-N2LNKTNVKFLA	2222	>CTNNB1-N2LSKTNVKFLAI	57	2165

>CTNNB1-N2 LNKTNVKFLA	255	>CTNNB1-N2 LSKTNVKFLAI	348	93
>CTNNB1-N2 LNKTNVKF	3302	>CTNNB1-N2 LSKTNVKF	454	2848
>CTNNB1-N2 LNKTNVKF	102	>CTNNB1-N2 LSKTNVKF	20	82
>CTNNB1-N2 LNKTNVKFLA	1179	>CTNNB1-N2 LSKTNVKFLAI	188	991
>CTNNB1-N2 LNKTNVKF	13703	>CTNNB1-N2 LSKTNVKF	7	13696
>CTNNB1-N2 LNKTNVKFL	20706	>CTNNB1-N2 LSKTNVKFL	66	20640
>CTNNB1-N2 LNKTNVKFLA	23667	>CTNNB1-N2 LSKTNVKFLAI	293	23374
>CTNNB1-N2 LNKTNVKFLA	4257	>CTNNB1-N2 LSKTNVKFLAI	213	4044
>CTNNB1-N2 LLNKTNVKFL	418	>CTNNB1-N2 LLSKTNVKFL/	276	142
>CTNNB1-N2 LLNKTNVKFL	324	>CTNNB1-N2 LLSKTNVKFL	105	219
>CTNNB1-N2 LLNKTNVKFL	52	>CTNNB1-N2 LLSKTNVKFL/	25	27
>CTNNB1-N2 LLNKTNVKFL	227	>CTNNB1-N2 LLSKTNVKFL	123	104
>CTNNB1-N2 LLNKTNVKFL	113	>CTNNB1-N2 LLSKTNVKFL/	161	48
>CTNNB1-N2 LLNKTNVKFL	22	>CTNNB1-N2 LLSKTNVKFL	47	25
>CTNNB1-N2 LLNKTNVKFL	63	>CTNNB1-N2 LLSKTNVKFL/	152	89
>CTNNB1-N2 LLNKTNVKFL	58	>CTNNB1-N2 LLSKTNVKFL	80	22
>CTNNB1-N2 LLNKTNVKFL	475	>CTNNB1-N2 LLSKTNVKFL/	629	154
>CTNNB1-N2 LLNKTNVKFL	66	>CTNNB1-N2 LLSKTNVKFL	72	6
>CTNNB1-N2 LLNKTNVKFL	108	>CTNNB1-N2 LLSKTNVKFL/	108	0
>CTNNB1-N2 LLNKTNVKFL	70	>CTNNB1-N2 LLSKTNVKFL	75	5
>CTNNB1-N2 LLNKTNVKFL	10	>CTNNB1-N2 LLSKTNVKFL	8	2
>CTNNB1-N2 LLNKTNVKFL	14	>CTNNB1-N2 LLSKTNVKFL/	12	2
>CTNNB1-N2 LLNKTNVK	94	>CTNNB1-N2 LLSKTNVK	119	25
>CTNNB1-N2 LLNKTNVKF	413	>CTNNB1-N2 LLSKTNVKF	974	561
>CTNNB1-N2 LLNKTNVKF	141	>CTNNB1-N2 LLSKTNVKF	166	25
>CTNNB1-N2 LLNKTNVKF	22	>CTNNB1-N2 LLSKTNVKF	23	1
>CTNNB1-N2 ALLNKTNV	33	>CTNNB1-N2 ALLSKTNV	27	6
>CTNNB1-N2 ALLNKTNVKF	92	>CTNNB1-N2 ALLSKTNVKFI	73	19
>CTNNB1-N2 ALLNKTNV	46	>CTNNB1-N2 ALLSKTNV	23	23
>CTNNB1-N2 ALLNKTNVKF	71	>CTNNB1-N2 ALLSKTNVKFI	37	34
>CTNNB1-N2 ALLNKTNV	14	>CTNNB1-N2 ALLSKTNV	11	3
>CTNNB1-N2 ALLNKTNVKF	111	>CTNNB1-N2 ALLSKTNVKFI	83	28
>CTNNB1-N2 ALLNKTNV	60	>CTNNB1-N2 ALLSKTNV	72	12
>CTNNB1-N2 ALLNKTNVKF	349	>CTNNB1-N2 ALLSKTNVKFI	471	122
>CTNNB1-N2 ALLNKTNV	3	>CTNNB1-N2 ALLSKTNV	3	0
>CTNNB1-N2 ALLNKTNVKF	6	>CTNNB1-N2 ALLSKTNVKFI	7	1
>CTNNB1-N2 ALLNKTNV	6	>CTNNB1-N2 ALLSKTNV	9	3
>CTNNB1-N2 ALLNKTNVKF	7	>CTNNB1-N2 ALLSKTNVKFI	12	5
>CTNNB1-N2 ALLNKTNV	5	>CTNNB1-N2 ALLSKTNV	6	1
>CTNNB1-N2 ALLNKTNVKF	13	>CTNNB1-N2 ALLSKTNVKFI	16	3
>CTNNB1-N2 ALLNKTNV	5	>CTNNB1-N2 ALLSKTNV	5	0
>CTNNB1-N2 ALLNKTNVKF	10	>CTNNB1-N2 ALLSKTNVKFI	9	1
>CTNNB1-N2 ALLNKTNV	2	>CTNNB1-N2 ALLSKTNV	2	0

>CTNNB1-N2 ALLNKTNVKF	5	>CTNNB1-N2 ALLSKTNVKFI	6	1
>CTNNB1-N2 ALLNKTNVK	79	>CTNNB1-N2 ALLSKTNVK	77	2
>CTNNB1-N2 ALLNKTNVK	101	>CTNNB1-N2 ALLSKTNVK	107	6
>CTNNB1-N2 ALLNKTNVK	155	>CTNNB1-N2 ALLSKTNVK	179	24
>CTNNB1-N2 ALLNKTNVKF	27	>CTNNB1-N2 ALLSKTNVKF	45	18
>CTNNB1-N2 ALLNKTNVKF	28	>CTNNB1-N2 ALLSKTNVKF	20	8
>CTNNB1-N2 VALLNKTNV	9	>CTNNB1-N2 VALLSKTNV	1446	1437
>CTNNB1-N2 VALLNKTNVK	236	>CTNNB1-N2 VALLSKTNVK	223	13
>CTNNB1-N2 VALLNKTNVK	131	>CTNNB1-N2 VALLSKTNVK	61	70
>CTNNB1-N2 VALLNKTNVK	18	>CTNNB1-N2 VALLSKTNVK	10	8
>CTNNB1-N2 MVALLNKTN'	428	>CTNNB1-N2 MVALLSKTN\	341	87
>CTNNB1-N2 MVALLNKTN'	199	>CTNNB1-N2 MVALLSKTN\	123	76
>CTNNB1-N2 MVALLNKTN'	416	>CTNNB1-N2 MVALLSKTN\	279	137
>CTNNB1-N2 MVALLNKTN'	52	>CTNNB1-N2 MVALLSKTN\	43	9
>CTNNB1-N2 MVALLNKTN'	276	>CTNNB1-N2 MVALLSKTN\	171	105
>CTNNB1-N2 MVALLNKTN'	60	>CTNNB1-N2 MVALLSKTN\	52	8
>CTNNB1-N2 MVALLNKTN'	152	>CTNNB1-N2 MVALLSKTN\	110	42
>CTNNB1-N2 MVALLNKTN'	13	>CTNNB1-N2 MVALLSKTN\	14	1
>CTNNB1-N2 MVALLNKTN	233	>CTNNB1-N2 MVALLSKT	294	61
>CTNNB1-N2 MVALLNKTN'	182	>CTNNB1-N2 MVALLSKTN\	157	25
>CTNNB1-N2 MVALLNKTN'	103	>CTNNB1-N2 MVALLSKTN\	85	18
>CTNNB1-N2 KMVALLNKTI	59	>CTNNB1-N2 KMVALLSKTN	53	6
>CTNNB1-N2 KMVALLNKTI	94	>CTNNB1-N2 KMVALLSKT	185	91
>CTNNB1-N2 KMVALLNKTI	13	>CTNNB1-N2 KMVALLSKTN	13	0
>CTNNB1-N2 KMVALLNKTI	80	>CTNNB1-N2 KMVALLSKT	29	51
>CTNNB1-N2 KMVALLNKTI	6	>CTNNB1-N2 KMVALLSKTN	5	1
>CTNNB1-N2 KMVALLNKTI	162	>CTNNB1-N2 KMVALLSKT	192	30
>CTNNB1-N2 KMVALLNKTI	22	>CTNNB1-N2 KMVALLSKTN	19	3
>CTNNB1-N2 KMVALLNKTI	633	>CTNNB1-N2 KMVALLSKT	252	381
>CTNNB1-N2 KMVALLNKTI	6	>CTNNB1-N2 KMVALLSKTN	6	0
>CTNNB1-N2 KMVALLNKTI	11	>CTNNB1-N2 KMVALLSKTN	17	6
>CTNNB1-N2 KMVALLNKTI	13	>CTNNB1-N2 KMVALLSKTN	11	2
>CTNNB1-N2 KMVALLNKTI	69	>CTNNB1-N2 KMVALLSKTN	64	5
>CTNNB1-N2 KMVALLNKTI	4	>CTNNB1-N2 KMVALLSKTN	4	0
>CTNNB1-N2 KMVALLNK	37	>CTNNB1-N2 KMVALLSK	35	2
>CTNNB1-N2 KMVALLNK	20	>CTNNB1-N2 KMVALLSK	18	2
>CTNNB1-N2 KMVALLNK	35	>CTNNB1-N2 KMVALLSK	28	7
>CTNNB1-N2 KMVALLNK	76	>CTNNB1-N2 KMVALLSK	122	46
>CTNNB1-N2 KMVALLNKTI	453	>CTNNB1-N2 KMVALLSKTN	249	204
>CTNNB1-N2 KMVALLNK	106	>CTNNB1-N2 KMVALLSK	173	67
>CTNNB1-N2 QKMVALLNK	675	>CTNNB1-N2 QKMVALLSK	308	367
>CTNNB1-N2 LQKMVALLNI	145	>CTNNB1-N2 LQKMVALLSK	111	34
>CTNNB1-N2 LQKMVALLNI	97	>CTNNB1-N2 LQKMVALLSK	99	2

>CTNNB1-N2 LQKMVALLNI	43	>CTNNB1-N2 LQKMVALLSK	31	12
>CTNNB1-N2 GLQKMVALLI	89	>CTNNB1-N2 GLQKMVALL!	102	13
>CTNNB1-N2 GLQKMVALLI	40	>CTNNB1-N2 GLQKMVALL!	43	3
>CTNNB1-N5 NPEEEDVDTS	474	>CTNNB1-N5 SPEEEDVDTS	1033	559
>CTNNB1-P4 GIHSGATTTA	13393	>CTNNB1-P4 GIHSGATTTA	49	13344
>CTNNB1-P4 TAPSLSGK	663	>CTNNB1-P4 TAASLSGK	82	581
>CTNNB1-P4 TAPSLSGK	164	>CTNNB1-P4 TAASLSGK	13	151
>CTNNB1-P4 TTAPSLSGK	86	>CTNNB1-P4 TTAASLSGK	63	23
>CTNNB1-P4 TTAPSLSGK	10	>CTNNB1-P4 TTAASLSGK	10	0
>CTNNB1-P4 TTAPSLSGK	5	>CTNNB1-P4 TTAASLSGK	4	1
>CTNNB1-P4 TTAPSLSGK	198	>CTNNB1-P4 TTAASLSGK	528	330
>CTNNB1-P4 TTTAPSLSGK	59	>CTNNB1-P4 TTTAASLSGK	43	16
>CTNNB1-P4 TTTAPSLSGK	15	>CTNNB1-P4 TTTAASLSGK	13	2
>CTNNB1-P4 TTTAPSLSGK	439	>CTNNB1-P4 TTTAASLSGK	149	290
>CTNNB1-P4 TTTAPSLSGK	8	>CTNNB1-P4 TTTAASLSGK	10	2
>CTNNB1-P4 TTTAPSL	338	>CTNNB1-P4 TTTAASLS	461	123
>CTNNB1-P4 ATTTAPSLGI	216	>CTNNB1-P4 ATTTAASLSG	202	14
>CTNNB1-P4 ATTTAPSLGI	36	>CTNNB1-P4 ATTTAASLSG	35	1
>CTNNB1-P4 ATTTAPSLGI	51	>CTNNB1-P4 ATTTAASLSG	67	16
>CTNNB1-P4 ATTTAPSLGI	129	>CTNNB1-P4 ATTTAASLSG	67	62
>CTNNB1-P4 ATTTAPSL	16	>CTNNB1-P4 ATTTAASL	8	8
>CTNNB1-P4 ATTTAPSL	535	>CTNNB1-P4 ATTTAASL	106	429
>CTNNB1-P4 ATTTAPSL	362	>CTNNB1-P4 ATTTAASLS	115	247
>CTNNB1-P4 ATTTAPSLGI	404	>CTNNB1-P4 ATTTAASLSG	694	290
>CTNNB1-P4 ATTTAPSL	368	>CTNNB1-P4 ATTTAASL	277	91
>CTNNB1-P4 GATTTAPSL	272	>CTNNB1-P4 GATTTAASL	100	172
>CTNNB1-P4 GATTTAPSL	346	>CTNNB1-P4 GATTTAASL	284	62
>CTNNB1-P4 GATTTAPSL	1097	>CTNNB1-P4 GATTTAASL	461	636
>CTNNB1-P4 SGATTTAPSL	741	>CTNNB1-P4 SGATTTAASL	491	250
>CTNNB1-P4 HSGATTTAPS	33	>CTNNB1-P4 HSGATTTAAS	21	12
>CTNNB1-P4 HSGATTTAPS	506	>CTNNB1-P4 HSGATTTAAS	366	140
>CTNNB1-P4 HSGATTTAPS	654	>CTNNB1-P4 HSGATTTAAS	464	190
>CTNNB1-P4 GIHSGATTTA	20169	>CTNNB1-P4 GIHSGATTTA	407	19762
>CTNNB1-P4 GIHSGATTTA	13393	>CTNNB1-P4 GIHSGATTTA	63	13330
>CTNNB1-P4 GIHSGATTTA	28600	>CTNNB1-P4 GIHSGATTTA	205	28395
>CTNNB1-P4 TAPSLSGK	663	>CTNNB1-P4 TALSLSGK	53	610
>CTNNB1-P4 TAPSLSGK	164	>CTNNB1-P4 TALSLSGK	113	51
>CTNNB1-P4 TTAPSLSGK	86	>CTNNB1-P4 TTALSLSGK	143	57
>CTNNB1-P4 TTAPSLSGK	10	>CTNNB1-P4 TTALSLSGK	14	4
>CTNNB1-P4 TTAPSLSGK	5	>CTNNB1-P4 TTALSLSGK	5	0
>CTNNB1-P4 TTAPSLSGK	198	>CTNNB1-P4 TTALSLSGK	552	354
>CTNNB1-P4 TTTAPSLSGK	59	>CTNNB1-P4 TTTALSLSGK	51	8
>CTNNB1-P4 TTTAPSLSGK	15	>CTNNB1-P4 TTTALSLSGK	14	1

>CTNNB1-P4 TTTAPSLSGK	439	>CTNNB1-P4 TTTALSLSGK	441	2
>CTNNB1-P4 TTTAPSLSGK	8	>CTNNB1-P4 TTTALSLSGK	8	0
>CTNNB1-P4 TTTAPSL	338	>CTNNB1-P4 TTTALS	440	102
>CTNNB1-P4 ATTTAPSLSGI	216	>CTNNB1-P4 ATTTALSLSGI	250	34
>CTNNB1-P4 ATTTAPSLSGI	36	>CTNNB1-P4 ATTTALSLSGI	29	7
>CTNNB1-P4 ATTTAPSLSGI	51	>CTNNB1-P4 ATTTALSLSGI	64	13
>CTNNB1-P4 ATTTAPSLSGI	129	>CTNNB1-P4 ATTTALSLSGI	85	44
>CTNNB1-P4 ATTTAPSL	16	>CTNNB1-P4 ATTTALS	11	5
>CTNNB1-P4 ATTTAPSL	535	>CTNNB1-P4 ATTTALS	122	413
>CTNNB1-P4 ATTTAPSL	1956	>CTNNB1-P4 ATTTALS	497	1459
>CTNNB1-P4 ATTTAPSL	1096	>CTNNB1-P4 ATTTALS	256	840
>CTNNB1-P4 ATTTAPSL	362	>CTNNB1-P4 ATTTALS	150	212
>CTNNB1-P4 ATTTAPSLSGI	404	>CTNNB1-P4 ATTTALSLSGI	557	153
>CTNNB1-P4 ATTTAPSL	368	>CTNNB1-P4 ATTTALS	430	62
>CTNNB1-P4 GATTTAPSL	272	>CTNNB1-P4 GATTTALS	127	145
>CTNNB1-P4 GATTTAPSL	346	>CTNNB1-P4 GATTTALS	508	162
>CTNNB1-P4 HSGATTTAP	11902	>CTNNB1-P4 HSGATTTAL	225	11677
>CTNNB1-P4 HSGATTTAPS	984	>CTNNB1-P4 HSGATTTALS	450	534
>CTNNB1-P4 HSGATTTAP	9191	>CTNNB1-P4 HSGATTTAL	396	8795
>CTNNB1-P4 HSGATTTAP	22285	>CTNNB1-P4 HSGATTTAL	73	22212
>CTNNB1-P4 HSGATTTAPS	33	>CTNNB1-P4 HSGATTTALS	21	12
>CTNNB1-P4 HSGATTTAP	22423	>CTNNB1-P4 HSGATTTAL	260	22163
>CTNNB1-P4 HSGATTTAPS	506	>CTNNB1-P4 HSGATTTALS	389	117
>CTNNB1-P4 IHSGATTTAP	6508	>CTNNB1-P4 IHSGATTTAL	214	6294
>CTNNB1-P4 IHSGATTTAP	14066	>CTNNB1-P4 IHSGATTTAL	22	14044
>CTNNB1-P4 TAPSLSGK	663	>CTNNB1-P4 TASSLSGK	62	601
>CTNNB1-P4 TAPSLSGK	164	>CTNNB1-P4 TASSLSGK	26	138
>CTNNB1-P4 TTAPSLSGK	86	>CTNNB1-P4 TTASSLSGK	77	9
>CTNNB1-P4 TTAPSLSGK	10	>CTNNB1-P4 TTASSLSGK	12	2
>CTNNB1-P4 TTAPSLSGK	5	>CTNNB1-P4 TTASSLSGK	3	2
>CTNNB1-P4 TTAPSLSGK	198	>CTNNB1-P4 TTASSLSGK	285	87
>CTNNB1-P4 TTTAPSLSGK	59	>CTNNB1-P4 TTTASSLSGK	74	15
>CTNNB1-P4 TTTAPSLSGK	15	>CTNNB1-P4 TTTASSLSGK	16	1
>CTNNB1-P4 TTTAPSLSGK	439	>CTNNB1-P4 TTTASSLSGK	197	242
>CTNNB1-P4 TTTAPSLSGK	8	>CTNNB1-P4 TTTASSLSGK	13	5
>CTNNB1-P4 TTTAPSL	338	>CTNNB1-P4 TTTASSLS	505	167
>CTNNB1-P4 ATTTAPSLSGI	216	>CTNNB1-P4 ATTTASSLSGI	173	43
>CTNNB1-P4 ATTTAPSLSGI	36	>CTNNB1-P4 ATTTASSLSGI	33	3
>CTNNB1-P4 ATTTAPSLSGI	51	>CTNNB1-P4 ATTTASSLSGI	41	10
>CTNNB1-P4 ATTTAPSLSGI	129	>CTNNB1-P4 ATTTASSLSGI	78	51
>CTNNB1-P4 ATTTAPSL	16	>CTNNB1-P4 ATTTASSL	9	7
>CTNNB1-P4 ATTTAPSL	535	>CTNNB1-P4 ATTTASSL	285	250
>CTNNB1-P4 ATTTAPSL	1096	>CTNNB1-P4 ATTTASSL	460	636

>CTNNB1-P4 ATTTAPSL	362	>CTNNB1-P4 ATTTASSL	137	225
>CTNNB1-P4 ATTTAPSLGI	404	>CTNNB1-P4 ATTTASSLSGI	598	194
>CTNNB1-P4 ATTTAPSL	368	>CTNNB1-P4 ATTTASSL	210	158
>CTNNB1-P4 GATTTAPSL	272	>CTNNB1-P4 GATTTASSL	144	128
>CTNNB1-P4 GATTTAPSL	346	>CTNNB1-P4 GATTTASSL	1172	826
>CTNNB1-P4 GATTTAPSL	1097	>CTNNB1-P4 GATTTASSL	35	1062
>CTNNB1-P4 SGATTTAPSL	5130	>CTNNB1-P4 SGATTTASSL	395	4735
>CTNNB1-P4 HSGATTTAPS	33	>CTNNB1-P4 HSGATTTASS	24	9
>CTNNB1-P4 HSGATTTAPS	506	>CTNNB1-P4 HSGATTTASS	448	58
>CTNNB1-P4 HSGATTTAPS	3589	>CTNNB1-P4 HSGATTTASS	336	3253
>CTNNB1-P4 HSGATTTAPS	654	>CTNNB1-P4 HSGATTTASS	339	315
>CTNNB1-P5 PEEEDVDTSC	790	>CTNNB1-P5 LEEEDVDTSQ	68	722
>CTNNB1-P5 PEEEDVDTSC	368	>CTNNB1-P5 LEEEDVDTSQ	30	338
>CTNNB1-P5 NPEEEDVDTSC	474	>CTNNB1-P5 NLEEEDVDTSC	16057	15583
>CTNNB1-P5 TAPSLSGKGN	16209	>CTNNB1-P5 TAPSLSGKGN	86	16123
>CTNNB1-P5 SLSGKGNP	7826	>CTNNB1-P5 SLSGKGNL	34	7792
>CTNNB1-P5 SLSGKGNP	11698	>CTNNB1-P5 SLSGKGNL	89	11609
>CTNNB1-P5 SLSGKGNP	17275	>CTNNB1-P5 SLSGKGNL	129	17146
>CTNNB1-P5 SLSGKGNP	17504	>CTNNB1-P5 SLSGKGNL	108	17396
>CTNNB1-P5 SLSGKGNP	11981	>CTNNB1-P5 SLSGKGNL	8	11973
>CTNNB1-P5 APSLSGKGNP	7959	>CTNNB1-P5 APSLSGKGNL	73	7886
>CTNNB1-Q1 QLSKKEASR	408	>CTNNB1-Q1 PLSKKEASR	6325	5917
>CTNNB1-Q1 HQLSKKEASR	213	>CTNNB1-Q1 HPLSKKEASR	1773	1560
>CTNNB1-Q1 HQLSKKEA	30770	>CTNNB1-Q1 HPLSKKEA	219	30551
>CTNNB1-Q1 HQLSKKEASR	194	>CTNNB1-Q1 HPLSKKEASR	428	234
>CTNNB1-Q1 MVHQLSKK	114	>CTNNB1-Q1 MVHPLSKK	72	42
>CTNNB1-Q1 MVHQLSKK	54	>CTNNB1-Q1 MVHPLSKK	26	28
>CTNNB1-Q1 MVHQLSKK	11	>CTNNB1-Q1 MVHPLSKK	7	4
>CTNNB1-Q1 MVHQLSKKE	243	>CTNNB1-Q1 MVHPLSKKE	63	180
>CTNNB1-Q1 MVHQLSKK	799	>CTNNB1-Q1 MVHPLSKK	223	576
>CTNNB1-Q1 MVHQLSKK	25	>CTNNB1-Q1 MVHPLSKK	32	7
>CTNNB1-Q1 VMVHQLSKK	126	>CTNNB1-Q1 VMVHPLSKKI	180	54
>CTNNB1-Q1 VMVHQLSKK	395	>CTNNB1-Q1 VMVHPLSKKI	165	230
>CTNNB1-Q1 VMVHQLSKK	125	>CTNNB1-Q1 VMVHPLSKKI	146	21
>CTNNB1-Q1 VMVHQLSK	52	>CTNNB1-Q1 VMVHPLSK	45	7
>CTNNB1-Q1 VMVHQLSKK	58	>CTNNB1-Q1 VMVHPLSKK	45	13
>CTNNB1-Q1 VMVHQLSK	65	>CTNNB1-Q1 VMVHPLSK	43	22
>CTNNB1-Q1 VMVHQLSKK	141	>CTNNB1-Q1 VMVHPLSKK	111	30
>CTNNB1-Q1 VMVHQLSK	704	>CTNNB1-Q1 VMVHPLSK	443	261
>CTNNB1-Q1 AVMVHQLSK	36	>CTNNB1-Q1 AVMVHPLSK	38	2
>CTNNB1-Q1 AVMVHQLSK	17	>CTNNB1-Q1 AVMVHPLSK	14	3
>CTNNB1-Q1 AVMVHQLSK	13	>CTNNB1-Q1 AVMVHPLSK	11	2
>CTNNB1-Q1 AVMVHQLSK	12	>CTNNB1-Q1 AVMVHPLSK	10	2

>CTNNB1-Q1AVMVHQLSK	9	>CTNNB1-Q1AVMVHPLSK	9	0
>CTNNB1-Q1AVMVHQLSK	28	>CTNNB1-Q1AVMVHPLSK	39	11
>CTNNB1-Q1AVMVHQLSK	53	>CTNNB1-Q1AVMVHPLSK	35	18
>CTNNB1-Q1AVMVHQLSK	69	>CTNNB1-Q1AVMVHPLSK	58	11
>CTNNB1-Q1AVMVHQLSK	169	>CTNNB1-Q1AVMVHPLSK	202	33
>CTNNB1-Q1AAVMVHQL	1482	>CTNNB1-Q1AAVMVHPL	272	1210
>CTNNB1-Q1AAVMVHQLS	129	>CTNNB1-Q1AAVMVHPLS	93	36
>CTNNB1-Q1AAVMVHQLS	27	>CTNNB1-Q1AAVMVHPLS	18	9
>CTNNB1-Q1AAVMVHQLS	97	>CTNNB1-Q1AAVMVHPLS	71	26
>CTNNB1-Q1AAVMVHQLS	68	>CTNNB1-Q1AAVMVHPLS	44	24
>CTNNB1-Q1AAVMVHQLS	373	>CTNNB1-Q1AAVMVHPLS	346	27
>CTNNB1-Q1AAVMVHQLS	352	>CTNNB1-Q1AAVMVHPLS	276	76
>CTNNB1-Q1AAVMVHQLS	327	>CTNNB1-Q1AAVMVHPLS	284	43
>CTNNB1-Q1AAVMVHQL	48	>CTNNB1-Q1AAVMVHPL	66	18
>CTNNB1-Q1AAVMVHQLS	568	>CTNNB1-Q1AAVMVHPLS	348	220
>CTNNB1-Q1KAAVMVHQL	186	>CTNNB1-Q1KAAVMVHPL	98	88
>CTNNB1-Q1KAAVMVHQL	1606	>CTNNB1-Q1KAAVMVHPL	205	1401
>CTNNB1-Q1KAAVMVHQL	96	>CTNNB1-Q1KAAVMVHPL	100	4
>CTNNB1-Q1KAAVMVHQL	35	>CTNNB1-Q1KAAVMVHPL	26	9
>CTNNB1-Q1KAAVMVHQL	25	>CTNNB1-Q1KAAVMVHPL	19	6
>CTNNB1-Q1KAAVMVHQL	3164	>CTNNB1-Q1KAAVMVHPL	202	2962
>CTNNB1-Q1KAAVMVHQL	17	>CTNNB1-Q1KAAVMVHPL	29	12
>CTNNB1-Q1KAAVMVHQL	20	>CTNNB1-Q1KAAVMVHPL	41	21
>CTNNB1-Q1KAAVMVHQL	312	>CTNNB1-Q1KAAVMVHPL	260	52
>CTNNB1-Q1NKAAMVHCF	1226	>CTNNB1-Q1NKAAMVHCF	362	864
>CTNNB1-Q1NKAAMVHCF	31	>CTNNB1-Q1NKAAMVHCF	13	18
>CTNNB1-Q4QADLMELDM	771	>CTNNB1-Q4HADLMELDM	180	591
>CTNNB1-Q4QADLMELDM	51	>CTNNB1-Q4HADLMELDM	23	28
>CTNNB1-Q4TQADLMEL	123	>CTNNB1-Q4THADLMEL	20006	19883
>CTNNB1-Q4TQADLMEL	21	>CTNNB1-Q4THADLMEL	1590	1569
>CTNNB1-Q4TQADLMELD	164	>CTNNB1-Q4THADLMELDI	6524	6360
>CTNNB1-Q4TQADLMEL	131	>CTNNB1-Q4THADLMEL	15881	15750
>CTNNB1-Q4TQADLMELD	272	>CTNNB1-Q4THADLMELDI	16280	16008
>CTNNB1-Q4TQADLMEL	13	>CTNNB1-Q4THADLMEL	11313	11300
>CTNNB1-Q4TQADLMELD	29	>CTNNB1-Q4THADLMELDI	14312	14283
>CTNNB1-Q4TQADLMEL	83	>CTNNB1-Q4THADLMEL	44	39
>CTNNB1-Q4ATQADLMEL	465	>CTNNB1-Q4ATHADLMEL	273	192
>CTNNB1-Q4ATQADLMEL	1039	>CTNNB1-Q4ATHADLMEL	279	760
>CTNNB1-Q4ATQADLMEL	353	>CTNNB1-Q4ATHADLMEL	291	62
>CTNNB1-Q4ATQADLMEL	436	>CTNNB1-Q4ATHADLMEL	116	320
>CTNNB1-Q4ATQADLMELI	506	>CTNNB1-Q4ATHADLMELI	187	319
>CTNNB1-Q4ATQADLMEL	4078	>CTNNB1-Q4ATHADLMEL	115	3963
>CTNNB1-Q4ATQADLMEL	84	>CTNNB1-Q4ATHADLMEL	39	45



>CTNNB1-Q4ATQADLMELI	111	>CTNNB1-Q4ATHADLMELI	46	65
>CTNNB1-Q4MATQADLMI	466	>CTNNB1-Q4MATHADLMELI	1019	553
>CTNNB1-Q4MATQADLMI	339	>CTNNB1-Q4MATHADLMELI	425	86
>CTNNB1-Q4MATQADLMI	629	>CTNNB1-Q4MATHADLMELI	403	226
>CTNNB1-Q4MATQADLM	283	>CTNNB1-Q4MATHADLM	287	4
>CTNNB1-Q4MATQADLMI	122	>CTNNB1-Q4MATHADLMELI	120	2
>CTNNB1-Q4MATQADLM	19	>CTNNB1-Q4MATHADLM	21	2
>CTNNB1-Q4MATQADLM	491	>CTNNB1-Q4MATHADLM	568	77
>CTNNB1-Q4MATQADLM	199	>CTNNB1-Q4MATHADLM	185	14
>CTNNB1-Q4MATQADLMI	283	>CTNNB1-Q4MATHADLMELI	276	7
>CTNNB1-Q4MATQADLM	459	>CTNNB1-Q4MATHADLM	246	213
>CTNNB1-Q4MATQADLM	975	>CTNNB1-Q4MATHADLM	472	503
>CTNNB1-Q6QVLYEWEQG	151	>CTNNB1-Q6LVLYEWEQGI	929	778
>CTNNB1-Q6QVLYEWEQG	775	>CTNNB1-Q6LVLYEWEQGI	355	420
>CTNNB1-Q6QVLYEWEQG	492	>CTNNB1-Q6LVLYEWEQGI	145	347
>CTNNB1-Q6SQVLYEWEQI	185	>CTNNB1-Q6SLVLYEWEQGI	2008	1823
>CTNNB1-Q6SQVLYEWEQ	27729	>CTNNB1-Q6SLVLYEWEQ	35	27694
>CTNNB1-Q6SQVLYEWEQI	272	>CTNNB1-Q6SLVLYEWEQGI	1278	1006
>CTNNB1-Q6SQVLYEWEQI	24	>CTNNB1-Q6SLVLYEWEQGI	512	488
>CTNNB1-Q6NPEEEDVDTS	474	>CTNNB1-Q6NPEEEDVDTS	114	360
>CTNNB1-Q6NPEEEDVDTS	4849	>CTNNB1-Q6NPEEEDVDTS	111	4738
>CTNNB1-Q6TSQVLYEW	53	>CTNNB1-Q6TSLVLYEW	13	40
>CTNNB1-Q6TSQVLYEW	1313	>CTNNB1-Q6TSLVLYEW	485	828
>CTNNB1-Q6TSQVLYEW	53	>CTNNB1-Q6TSLVLYEW	39	14
>CTNNB1-Q6TSQVLYEW	18	>CTNNB1-Q6TSLVLYEW	13	5
>CTNNB1-Q6TSQVLYEW	459	>CTNNB1-Q6TSLVLYEW	81	378
>CTNNB1-Q6DTSQVLYEWI	285	>CTNNB1-Q6DTSLVLYEWE	401	116
>CTNNB1-Q6DTSQVLYEW	144	>CTNNB1-Q6DTSLVLYEW	255	111
>CTNNB1-Q6DTSQVLYEW	134	>CTNNB1-Q6DTSLVLYEW	295	161
>CTNNB1-Q6VDTSQVLY	648	>CTNNB1-Q6VDTSLVLY	473	175
>CTNNB1-Q6DVDTSQVLY	25	>CTNNB1-Q6DVDTSLVLY	26	1
>CTNNB1-Q6DVDTSQVLY	577	>CTNNB1-Q6DVDTSLVLY	465	112
>CTNNB1-Q6DVDTSQVLY	404	>CTNNB1-Q6DVDTSLVLY	556	152
>CTNNB1-Q6EDVDTSQVL	675	>CTNNB1-Q6EDVDTSLVL	348	327
>CTNNB1-Q6EDVDTSQV	205	>CTNNB1-Q6EDVDTSLV	76	129
>CTNNB1-Q6EDVDTSQVL	915	>CTNNB1-Q6EDVDTSLVL	376	539
>CTNNB1-Q6EEDVDTSQ	5256	>CTNNB1-Q6EEDVDTSL	303	4953
>CTNNB1-Q6EEDVDTSQV	208	>CTNNB1-Q6EEDVDTSLV	92	116
>CTNNB1-Q6EEDVDTSQVI	274	>CTNNB1-Q6EEDVDTSLVL	179	95
>CTNNB1-Q6EEDVDTSQ	15079	>CTNNB1-Q6EEDVDTSL	189	14890
>CTNNB1-Q6EEDVDTSQVI	601	>CTNNB1-Q6EEDVDTSLVL	359	242
>CTNNB1-Q6EEDVDTSQVI	476	>CTNNB1-Q6EEDVDTSLVL	394	82
>CTNNB1-Q6EEDVDTSQV	464	>CTNNB1-Q6EEDVDTSLV	488	24

>CTNNB1-Q6 EEEDVDTSQV	178	>CTNNB1-Q6 EEEDVDTSLV	116	62
>CTNNB1-Q6 EEEDVDTSQV	636	>CTNNB1-Q6 EEEDVDTSLV	434	202
>CTNNB1-Q6 EEEDVDTSQ	12968	>CTNNB1-Q6 EEEDVDTSL	54	12914
>CTNNB1-Q6 EEEDVDTSQV	50	>CTNNB1-Q6 EEEDVDTSLV	47	3
>CTNNB1-Q6 EEEDVDTSQV	445	>CTNNB1-Q6 EEEDVDTSLV	326	119
>CTNNB1-Q6 PEEEDVDTSC	790	>CTNNB1-Q6 PEEEDVDTSL'	435	355
>CTNNB1-Q6 PEEEDVDTSC	368	>CTNNB1-Q6 PEEEDVDTSL'	363	5
>CTNNB1-Q6 QVLYEWEQG	2683	>CTNNB1-Q6 RVLYEWEQG	383	2300
>CTNNB1-Q6 QVLYEWEQG	151	>CTNNB1-Q6 RVLYEWEQG	851	700
>CTNNB1-Q6 QVLYEWEQG	513	>CTNNB1-Q6 RVLYEWEQG	58	455
>CTNNB1-Q6 QVLYEWEQG	775	>CTNNB1-Q6 RVLYEWEQG	147	628
>CTNNB1-Q6 QVLYEWEQG	492	>CTNNB1-Q6 RVLYEWEQG	23	469
>CTNNB1-Q6 SQVLYEWEQ	185	>CTNNB1-Q6 SRVLYEWEQ	17515	17330
>CTNNB1-Q6 SQVLYEWEQ	272	>CTNNB1-Q6 SRVLYEWEQ	18574	18302
>CTNNB1-Q6 SQVLYEWEQ	24	>CTNNB1-Q6 SRVLYEWEQ	188	164
>CTNNB1-Q6 SQVLYEWEQ	6415	>CTNNB1-Q6 SRVLYEWEQ	394	6021
>CTNNB1-Q6 NPEEEDVDTS	474	>CTNNB1-Q6 NPEEEDVDTS	2001	1527
>CTNNB1-Q6 TSQVLYEW	53	>CTNNB1-Q6 TSRVLYEW	12	41
>CTNNB1-Q6 TSQVLYEW	53	>CTNNB1-Q6 TSRVLYEW	35	18
>CTNNB1-Q6 TSQVLYEW	18	>CTNNB1-Q6 TSRVLYEW	39	21
>CTNNB1-Q6 TSQVLYEW	459	>CTNNB1-Q6 TSRVLYEW	1758	1299
>CTNNB1-Q6 DTSQVLYEWI	285	>CTNNB1-Q6 DTSRVLYEWE	343	58
>CTNNB1-Q6 DTSQVLYEW	144	>CTNNB1-Q6 DTSRVLYEW	96	48
>CTNNB1-Q6 DTSQVLYEW	134	>CTNNB1-Q6 DTSRVLYEW	74	60
>CTNNB1-Q6 DVDTSQVLY	25	>CTNNB1-Q6 DVDTSRVLY	48	23
>CTNNB1-Q6 DVDTSQVLY	404	>CTNNB1-Q6 DVDTSRVLY	617	213
>CTNNB1-Q6 EDVDTSQV	205	>CTNNB1-Q6 EDVDTSRV	268	63
>CTNNB1-Q6 EEDVDTSQV	208	>CTNNB1-Q6 EEDVDTSRV	1224	1016
>CTNNB1-Q6 EEDVDTSQVL	274	>CTNNB1-Q6 EEDVDTSRVL	789	515
>CTNNB1-Q6 EEDVDTSQVL	601	>CTNNB1-Q6 EEDVDTSRVL	467	134
>CTNNB1-Q6 EEDVDTSQVL	476	>CTNNB1-Q6 EEDVDTSRVL	606	130
>CTNNB1-Q6 EEDVDTSQV	464	>CTNNB1-Q6 EEDVDTSRV	1063	599
>CTNNB1-Q6 EEEDVDTSQV	178	>CTNNB1-Q6 EEEDVDTSRV	655	477
>CTNNB1-Q6 EEEDVDTSQ	22263	>CTNNB1-Q6 EEEDVDTSR	416	21847
>CTNNB1-Q6 EEEDVDTSQV	50	>CTNNB1-Q6 EEEDVDTSRV	119	69
>CTNNB1-Q6 EEEDVDTSQV	445	>CTNNB1-Q6 EEEDVDTSRV	1566	1121
>CTNNB1-Q6 PEEEDVDTSC	368	>CTNNB1-Q6 PEEEDVDTSR	776	408
>CTNNB1-R4 RLHYGLPV	25	>CTNNB1-R4 CLHYGLPV	73	48
>CTNNB1-R4 RLHYGLPVV	22	>CTNNB1-R4 CLHYGLPVV	67	45
>CTNNB1-R4 RLHYGLPVVV	78	>CTNNB1-R4 CLHYGLPVVV	324	246
>CTNNB1-R4 RLHYGLPV	72	>CTNNB1-R4 CLHYGLPV	194	122
>CTNNB1-R4 RLHYGLPVV	198	>CTNNB1-R4 CLHYGLPVV	438	240
>CTNNB1-R4 RLHYGLPVVV	74	>CTNNB1-R4 CLHYGLPVVV	157	83

>CTNNB1-R4 RLHYGLPV	5	>CTNNB1-R4 CLHYGLPV	19	14
>CTNNB1-R4 RLHYGLPVV	6	>CTNNB1-R4 CLHYGLPVV	25	19
>CTNNB1-R4 RLHYGLPVVV	36	>CTNNB1-R4 CLHYGLPVVV	90	54
>CTNNB1-R4 RLHYGLPV	36	>CTNNB1-R4 CLHYGLPV	190	154
>CTNNB1-R4 RLHYGLPVV	19	>CTNNB1-R4 CLHYGLPVV	112	93
>CTNNB1-R4 RLHYGLPV	4	>CTNNB1-R4 CLHYGLPV	16	12
>CTNNB1-R4 RLHYGLPVV	4	>CTNNB1-R4 CLHYGLPVV	19	15
>CTNNB1-R4 RLHYGLPVVV	4	>CTNNB1-R4 CLHYGLPVVV	17	13
>CTNNB1-R4 RLHYGLPV	12	>CTNNB1-R4 CLHYGLPV	40	28
>CTNNB1-R4 RLHYGLPVV	8	>CTNNB1-R4 CLHYGLPVV	29	21
>CTNNB1-R4 RLHYGLPVVV	11	>CTNNB1-R4 CLHYGLPVVV	43	32
>CTNNB1-R4 RLHYGLPV	14	>CTNNB1-R4 CLHYGLPV	93	79
>CTNNB1-R4 RLHYGLPVV	9	>CTNNB1-R4 CLHYGLPVV	50	41
>CTNNB1-R4 RLHYGLPVVV	14	>CTNNB1-R4 CLHYGLPVVV	95	81
>CTNNB1-R4 RLHYGLPV	437	>CTNNB1-R4 CLHYGLPV	416	21
>CTNNB1-R4 RLHYGLPVV	46	>CTNNB1-R4 CLHYGLPVV	63	17
>CTNNB1-R4 RLHYGLPVVV	136	>CTNNB1-R4 CLHYGLPVVV	158	22
>CTNNB1-R4 RLHYGLPV	4	>CTNNB1-R4 CLHYGLPV	8	4
>CTNNB1-R4 RLHYGLPVV	5	>CTNNB1-R4 CLHYGLPVV	8	3
>CTNNB1-R4 RLHYGLPVVV	7	>CTNNB1-R4 CLHYGLPVVV	11	4
>CTNNB1-R4 RLHYGLPVVV	39	>CTNNB1-R4 CLHYGLPVVV	164	125
>CTNNB1-R4 RLHYGLPVVV	164	>CTNNB1-R4 CLHYGLPVVV	515	351
>CTNNB1-R4 RLHYGLPV	24	>CTNNB1-R4 CLHYGLPV	1887	1863
>CTNNB1-R4 RLHYGLPVV	32	>CTNNB1-R4 CLHYGLPVV	2915	2883
>CTNNB1-R4 RLHYGLPVVV	85	>CTNNB1-R4 CLHYGLPVVV	4988	4903
>CTNNB1-R4 RLHYGLPVVV	7	>CTNNB1-R4 CLHYGLPVVV	192	185
>CTNNB1-R4 RLHYGLPVVV	231	>CTNNB1-R4 CLHYGLPVVV	3878	3647
>CTNNB1-R4 RLHYGLPV	432	>CTNNB1-R4 CLHYGLPV	11404	10972
>CTNNB1-R4 RLHYGLPVVV	208	>CTNNB1-R4 CLHYGLPVVV	6787	6579
>CTNNB1-R4 RLHYGLPV	250	>CTNNB1-R4 CLHYGLPV	3328	3078
>CTNNB1-R4 RLHYGLPVV	371	>CTNNB1-R4 CLHYGLPVV	5923	5552
>CTNNB1-R4 RLHYGLPV	274	>CTNNB1-R4 CLHYGLPV	2042	1768
>CTNNB1-R4 RLHYGLPVVV	418	>CTNNB1-R4 CLHYGLPVVV	3245	2827
>CTNNB1-R4 VRLHYGLPV	2607	>CTNNB1-R4 VCLHYGLPV	183	2424
>CTNNB1-R4 VRLHYGLPVV	2969	>CTNNB1-R4 VCLHYGLPVV	233	2736
>CTNNB1-R4 VRLHYGLPVV	2859	>CTNNB1-R4 VCLHYGLPVV	211	2648
>CTNNB1-R4 VRLHYGLPV	37	>CTNNB1-R4 VCLHYGLPV	380	343
>CTNNB1-R4 VRLHYGLPVV	130	>CTNNB1-R4 VCLHYGLPVV	1832	1702
>CTNNB1-R4 VRLHYGLPVV	76	>CTNNB1-R4 VCLHYGLPVV	964	888
>CTNNB1-R4 VRLHYGLPV	141	>CTNNB1-R4 VCLHYGLPV	21573	21432
>CTNNB1-R4 VRLHYGLPVV	327	>CTNNB1-R4 VCLHYGLPVV	31671	31344
>CTNNB1-R4 VRLHYGLPVV	247	>CTNNB1-R4 VCLHYGLPVV	23231	22984
>CTNNB1-R4 QEAEMAQN/	2551	>CTNNB1-R4 QEAEMAQN/	323	2228

>CTNNB1-R4 AVRLHYGLPV	1163	>CTNNB1-R4 AVCLHYGLPV	433	730
>CTNNB1-R4 AVRLHYGLPV	470	>CTNNB1-R4 AVCLHYGLPV	271	199
>CTNNB1-R4 AVRLHYGLPV	138	>CTNNB1-R4 AVCLHYGLPV	256	118
>CTNNB1-R4 AVRLHYGLPV	881	>CTNNB1-R4 AVCLHYGLPV	133	748
>CTNNB1-R4 AVRLHYGLPV	676	>CTNNB1-R4 AVCLHYGLPV	116	560
>CTNNB1-R4 AVRLHYGLPV	583	>CTNNB1-R4 AVCLHYGLPV	392	191
>CTNNB1-R4 AVRLHYGLPV	188	>CTNNB1-R4 AVCLHYGLPV	145	43
>CTNNB1-R4 AVRLHYGL	24	>CTNNB1-R4 AVCLHYGL	4797	4773
>CTNNB1-R4 AVRLHYGLP	105	>CTNNB1-R4 AVCLHYGLP	7684	7579
>CTNNB1-R4 AVRLHYGLPV	6	>CTNNB1-R4 AVCLHYGLPV	674	668
>CTNNB1-R4 AVRLHYGLPV	8	>CTNNB1-R4 AVCLHYGLPV	1447	1439
>CTNNB1-R4 NAVRLHYGLF	313	>CTNNB1-R4 NAVCLHYGLF	161	152
>CTNNB1-R4 NAVRLHYGL	46	>CTNNB1-R4 NAVCLHYGL	15	31
>CTNNB1-R4 NAVRLHYGLF	46	>CTNNB1-R4 NAVCLHYGLF	20	26
>CTNNB1-R4 NAVRLHYGL	236	>CTNNB1-R4 NAVCLHYGL	70	166
>CTNNB1-R4 NAVRLHYGLF	30	>CTNNB1-R4 NAVCLHYGLF	15	15
>CTNNB1-R4 QNAVRLHY	260	>CTNNB1-R4 QNAVCLHY	113	147
>CTNNB1-R4 QNAVRLHY	1090	>CTNNB1-R4 QNAVCLHY	407	683
>CTNNB1-R4 AQNAVRLHY	169	>CTNNB1-R4 AQNAVCLHY	67	102
>CTNNB1-R4 AQNAVRLHY	1024	>CTNNB1-R4 AQNAVCLHY	417	607
>CTNNB1-R4 AQNAVRLHY	83	>CTNNB1-R4 AQNAVCLHY	32	51
>CTNNB1-R4 AQNAVRLHY	428	>CTNNB1-R4 AQNAVCLHY	552	124
>CTNNB1-R4 AQNAVRLHY	249	>CTNNB1-R4 AQNAVCLHY	418	169
>CTNNB1-R4 AQNAVRLHY	481	>CTNNB1-R4 AQNAVCLHY	166	315
>CTNNB1-R4 AQNAVRLHY	80	>CTNNB1-R4 AQNAVCLHY	103	23
>CTNNB1-R4 AQNAVRLHY	34	>CTNNB1-R4 AQNAVCLHY	34	0
>CTNNB1-R4 AQNAVRLHY	28	>CTNNB1-R4 AQNAVCLHY	25	3
>CTNNB1-R4 AQNAVRLHY	260	>CTNNB1-R4 AQNAVCLHY	198	62
>CTNNB1-R4 AQNAVRLHY	13	>CTNNB1-R4 AQNAVCLHY	14	1
>CTNNB1-R4 AQNAVRLHY	201	>CTNNB1-R4 AQNAVCLHY	176	25
>CTNNB1-R4 AQNAVRLHY	231	>CTNNB1-R4 AQNAVCLHY	462	231
>CTNNB1-R4 AQNAVRLHY	425	>CTNNB1-R4 AQNAVCLHY	304	121
>CTNNB1-R4 AQNAVRLHY	495	>CTNNB1-R4 AQNAVCLHY	624	129
>CTNNB1-R4 AQNAVRLHY	419	>CTNNB1-R4 AQNAVCLHY	953	534
>CTNNB1-R4 MAQNAVRLF	639	>CTNNB1-R4 MAQNAVCLF	397	242
>CTNNB1-R4 MAQNAVRLF	840	>CTNNB1-R4 MAQNAVCLF	303	537
>CTNNB1-R4 MAQNAVRLF	258	>CTNNB1-R4 MAQNAVCLF	114	144
>CTNNB1-R4 MAQNAVRLF	446	>CTNNB1-R4 MAQNAVCLF	405	41
>CTNNB1-R4 MAQNAVRLF	65	>CTNNB1-R4 MAQNAVCLF	42	23
>CTNNB1-R4 MAQNAVRLF	263	>CTNNB1-R4 MAQNAVCLF	211	52
>CTNNB1-R4 MAQNAVRL	113	>CTNNB1-R4 MAQNAVCL	1390	1277
>CTNNB1-R4 MAQNAVRLF	65	>CTNNB1-R4 MAQNAVCLF	44	21
>CTNNB1-R4 MAQNAVRLF	187	>CTNNB1-R4 MAQNAVCLF	65	122

>CTNNB1-R4 EMAQNAVRL	388	>CTNNB1-R4 EMAQNAVCL	432	44
>CTNNB1-R4 EMAQNAVRL	112	>CTNNB1-R4 EMAQNAVCL	522	410
>CTNNB1-R4 EMAQNAVRL	982	>CTNNB1-R4 EMAQNAVCL	432	550
>CTNNB1-R4 EMAQNAVRL	500	>CTNNB1-R4 EMAQNAVCL	146	354
>CTNNB1-R4 EMAQNAVRL	69	>CTNNB1-R4 EMAQNAVCL	35	34
>CTNNB1-R4 EMAQNAVRL	17	>CTNNB1-R4 EMAQNAVCL	79	62
>CTNNB1-R4 EMAQNAVRL	95	>CTNNB1-R4 EMAQNAVCL	126	31
>CTNNB1-R4 EMAQNAVRL	23	>CTNNB1-R4 EMAQNAVCL	20	3
>CTNNB1-R4 EMAQNAVRL	128	>CTNNB1-R4 EMAQNAVCL	171	43
>CTNNB1-R4 EMAQNAVR	9	>CTNNB1-R4 EMAQNAVC	22553	22544
>CTNNB1-R4 EMAQNAVRL	322	>CTNNB1-R4 EMAQNAVCL	334	12
>CTNNB1-R4 EMAQNAVRL	189	>CTNNB1-R4 EMAQNAVCL	868	679
>CTNNB1-R4 EMAQNAVRL	164	>CTNNB1-R4 EMAQNAVCL	164	0
>CTNNB1-R4 EMAQNAVRL	57	>CTNNB1-R4 EMAQNAVCL	51	6
>CTNNB1-R4 EMAQNAVRL	422	>CTNNB1-R4 EMAQNAVCL	442	20
>CTNNB1-R4 EMAQNAVRL	228	>CTNNB1-R4 EMAQNAVCL	183	45
>CTNNB1-R4 EMAQNAVRL	267	>CTNNB1-R4 EMAQNAVCL	46	221
>CTNNB1-R4 EMAQNAVRL	437	>CTNNB1-R4 EMAQNAVCL	586	149
>CTNNB1-R4 EMAQNAVR	74	>CTNNB1-R4 EMAQNAVC	35583	35509
>CTNNB1-R4 AEMAQNAVF	105	>CTNNB1-R4 AEMAQNAVC	27	78
>CTNNB1-R4 AEMAQNAVF	343	>CTNNB1-R4 AEMAQNAVC	206	137
>CTNNB1-R4 AEMAQNAVF	345	>CTNNB1-R4 AEMAQNAVC	404	59
>CTNNB1-R4 AEMAQNAVF	200	>CTNNB1-R4 AEMAQNAVC	197	3
>CTNNB1-R4 AEMAQNAVF	462	>CTNNB1-R4 AEMAQNAVC	572	110
>CTNNB1-R4 AEMAQNAVF	393	>CTNNB1-R4 AEMAQNAVC	238	155
>CTNNB1-R4 AEMAQNAVF	374	>CTNNB1-R4 AEMAQNAVC	546	172
>CTNNB1-R4 AEMAQNAVF	305	>CTNNB1-R4 AEMAQNAVC	41	264
>CTNNB1-R4 AEMAQNAVF	466	>CTNNB1-R4 AEMAQNAVC	989	523
>CTNNB1-R4 AEMAQNAVF	635	>CTNNB1-R4 AEMAQNAVC	88	547
>CTNNB1-R4 AEMAQNAVF	15	>CTNNB1-R4 AEMAQNAVC	11	4
>CTNNB1-R4 AEMAQNAVF	1006	>CTNNB1-R4 AEMAQNAVC	405	601
>CTNNB1-R4 EAEMAQNAV	116	>CTNNB1-R4 EAEMAQNAV	37330	37214
>CTNNB1-S2: SHWQQQSY	180	>CTNNB1-S2: GHWQQQSY	172	8
>CTNNB1-S2: SHWQQQSY	158	>CTNNB1-S2: GHWQQQSY	304	146
>CTNNB1-S2: SHWQQQSY	63	>CTNNB1-S2: GHWQQQSY	173	110
>CTNNB1-S2: SHWQQQSYL	75	>CTNNB1-S2: GHWQQQSYL	168	93
>CTNNB1-S2: VSHWQQQS	27	>CTNNB1-S2: VGHWQQQS	62	35
>CTNNB1-S2: VSHWQQQS	403	>CTNNB1-S2: VGHWQQQS	2156	1753
>CTNNB1-S2: VSHWQQQS	212	>CTNNB1-S2: VGHWQQQS	2892	2680
>CTNNB1-S2: VSHWQQQS	6	>CTNNB1-S2: VGHWQQQS	608	602
>CTNNB1-S2: VSHWQQQS	18	>CTNNB1-S2: VGHWQQQS	5562	5544
>CTNNB1-S2: VSHWQQQS	283	>CTNNB1-S2: VGHWQQQS	10451	10168
>CTNNB1-S2: VSHWQQQS	479	>CTNNB1-S2: VGHWQQQS	4427	3948

>CTNNB1-S2: VSHWQQQS\	139	>CTNNB1-S2: VGHWQQQS	2551	2412
>CTNNB1-S2: VSHWQQQS\	396	>CTNNB1-S2: VGHWQQQS	17009	16613
>CTNNB1-S2: AVSHWQQQ\	77	>CTNNB1-S2: AVGHWQQQ	636	559
>CTNNB1-S2: AVSHWQQQ\	245	>CTNNB1-S2: AVGHWQQQ	2166	1921
>CTNNB1-S2: AVSHWQQQ\	368	>CTNNB1-S2: AVGHWQQQ	237	131
>CTNNB1-S2: AVSHWQQQ\	40	>CTNNB1-S2: AVGHWQQQ	63	23
>CTNNB1-S2: AVSHWQQQ\	163	>CTNNB1-S2: AVGHWQQQ	191	28
>CTNNB1-S2: AVSHWQQQ\	140	>CTNNB1-S2: AVGHWQQQ	335	195
>CTNNB1-S2: AVSHWQQQ\	488	>CTNNB1-S2: AVGHWQQQ	3515	3027
>CTNNB1-S2: AVSHWQQQ\	333	>CTNNB1-S2: AVGHWQQQ	87	246
>CTNNB1-S2: AVSHWQQQ\	121	>CTNNB1-S2: AVGHWQQQ	160	39
>CTNNB1-S2: AVSHWQQQ\	396	>CTNNB1-S2: AVGHWQQQ	2354	1958
>CTNNB1-S2: AVSHWQQQ\	116	>CTNNB1-S2: AVGHWQQQ	850	734
>CTNNB1-S2: AVSHWQQQ\	378	>CTNNB1-S2: AVGHWQQQ	2881	2503
>CTNNB1-S2: AVSHWQQQ\	460	>CTNNB1-S2: AVGHWQQQ	1921	1461
>CTNNB1-S2: AVSHWQQQ\	282	>CTNNB1-S2: AVGHWQQQ	3345	3063
>CTNNB1-S2: AAVSHWQQ\	61	>CTNNB1-S2: AAVGHWQQ	50	11
>CTNNB1-S2: AAVSHWQQ\	459	>CTNNB1-S2: AAVGHWQQ	379	80
>CTNNB1-S2: AAVSHWQQ\	144	>CTNNB1-S2: AAVGHWQQ	196	52
>CTNNB1-S2: AAVSHWQQ\	58	>CTNNB1-S2: AAVGHWQQ	398	340
>CTNNB1-S2: AAVSHWQQ\	10	>CTNNB1-S2: AAVGHWQQ	8	2
>CTNNB1-S2: AAVSHWQQ\	91	>CTNNB1-S2: AAVGHWQQ	95	4
>CTNNB1-S2: AAVSHWQQ\	112	>CTNNB1-S2: AAVGHWQQ	281	169
>CTNNB1-S2: RKA AVSHW	55	>CTNNB1-S2: RKA AVGHW	365	310
>CTNNB1-S2: RKA AVSHW	38	>CTNNB1-S2: RKA AVGHW	90	52
>CTNNB1-S2: RKA AVSHW	203	>CTNNB1-S2: RKA AVGHW	104	99
>CTNNB1-S2: EPDRKAAVSH	83	>CTNNB1-S2: EPDRKAAVGH	137	54
>CTNNB1-S2: EPDRKAAVSH	13	>CTNNB1-S2: EPDRKAAVGH	16	3
>CTNNB1-S2: SHWQQQSY	180	>CTNNB1-S2: NHWQQQSY	492	312
>CTNNB1-S2: SHWQQQSY	158	>CTNNB1-S2: NHWQQQSY	699	541
>CTNNB1-S2: SHWQQQSY	63	>CTNNB1-S2: NHWQQQSY	173	110
>CTNNB1-S2: SHWQQQSYL	75	>CTNNB1-S2: NHWQQQSYL	56	19
>CTNNB1-S2: SHWQQQSYL	892	>CTNNB1-S2: NHWQQQSYL	420	472
>CTNNB1-S2: VSHWQQQS\	27	>CTNNB1-S2: VNHWQQQS	201	174
>CTNNB1-S2: VSHWQQQS\	403	>CTNNB1-S2: VNHWQQQS	3240	2837
>CTNNB1-S2: VSHWQQQS\	212	>CTNNB1-S2: VNHWQQQS	1279	1067
>CTNNB1-S2: VSHWQQQS\	6	>CTNNB1-S2: VNHWQQQS	6078	6072
>CTNNB1-S2: VSHWQQQS\	18	>CTNNB1-S2: VNHWQQQS	16950	16932
>CTNNB1-S2: VSHWQQQS\	283	>CTNNB1-S2: VNHWQQQS	17458	17175
>CTNNB1-S2: VSHWQQQS\	479	>CTNNB1-S2: VNHWQQQS	5879	5400
>CTNNB1-S2: VSHWQQQS\	139	>CTNNB1-S2: VNHWQQQS	8968	8829
>CTNNB1-S2: VSHWQQQS\	396	>CTNNB1-S2: VNHWQQQS	14961	14565
>CTNNB1-S2: AVSHWQQQ\	77	>CTNNB1-S2: AVNHWQQQ	151	74

>CTNNB1-S2: AVSHWQQQ:	245	>CTNNB1-S2: AVNHWQQQ	177	68
>CTNNB1-S2: AVSHWQQQ:	368	>CTNNB1-S2: AVNHWQQQ	161	207
>CTNNB1-S2: AVSHWQQQ:	40	>CTNNB1-S2: AVNHWQQQ	48	8
>CTNNB1-S2: AVSHWQQQ:	163	>CTNNB1-S2: AVNHWQQQ	148	15
>CTNNB1-S2: AVSHWQQQ:	140	>CTNNB1-S2: AVNHWQQQ	361	221
>CTNNB1-S2: AVSHWQQQ:	488	>CTNNB1-S2: AVNHWQQQ	683	195
>CTNNB1-S2: AVSHWQQQ:	333	>CTNNB1-S2: AVNHWQQQ	183	150
>CTNNB1-S2: AVSHWQQQ:	121	>CTNNB1-S2: AVNHWQQQ	105	16
>CTNNB1-S2: AVSHWQQQ:	396	>CTNNB1-S2: AVNHWQQQ	396	0
>CTNNB1-S2: AVSHWQQQ:	116	>CTNNB1-S2: AVNHWQQQ	181	65
>CTNNB1-S2: AVSHWQQQ:	378	>CTNNB1-S2: AVNHWQQQ	3080	2702
>CTNNB1-S2: AVSHWQQQ:	460	>CTNNB1-S2: AVNHWQQQ	847	387
>CTNNB1-S2: AVSHWQQQ:	282	>CTNNB1-S2: AVNHWQQQ	327	45
>CTNNB1-S2: AAVSHWQQQ:	61	>CTNNB1-S2: AAVNHWQQ	157	96
>CTNNB1-S2: AAVSHWQQQ:	459	>CTNNB1-S2: AAVNHWQQ	719	260
>CTNNB1-S2: AAVSHWQQQ:	144	>CTNNB1-S2: AAVNHWQQ	148	4
>CTNNB1-S2: AAVSHWQQQ:	58	>CTNNB1-S2: AAVNHWQQ	74	16
>CTNNB1-S2: AAVSHWQQQ:	10	>CTNNB1-S2: AAVNHWQQ	10	0
>CTNNB1-S2: AAVSHWQQQ:	91	>CTNNB1-S2: AAVNHWQQ	110	19
>CTNNB1-S2: AAVSHWQQQ:	112	>CTNNB1-S2: AAVNHWQQ	137	25
>CTNNB1-S2: RKA AVSHW	55	>CTNNB1-S2: RKA AVNHW	109	54
>CTNNB1-S2: RKA AVSHW	38	>CTNNB1-S2: RKA AVNHW	60	22
>CTNNB1-S2: RKA AVSHW	203	>CTNNB1-S2: RKA AVNHW	285	82
>CTNNB1-S2: EPDRKAAVSH	83	>CTNNB1-S2: EPDRKAAVNI	115	32
>CTNNB1-S2: EPDRKAAVSH	13	>CTNNB1-S2: EPDRKAAVNI	15	2
>CTNNB1-S2: SHWQQQSY	180	>CTNNB1-S2: RHWQQQSY	513	333
>CTNNB1-S2: SHWQQQSY	158	>CTNNB1-S2: RHWQQQSY	147	11
>CTNNB1-S2: SHWQQQSY	63	>CTNNB1-S2: RHWQQQSY	13	50
>CTNNB1-S2: SHWQQQSYL	608	>CTNNB1-S2: RHWQQQSYI	111	497
>CTNNB1-S2: SHWQQQSYL	75	>CTNNB1-S2: RHWQQQSYI	237	162
>CTNNB1-S2: SHWQQQSYL	4588	>CTNNB1-S2: RHWQQQSYI	190	4398
>CTNNB1-S2: SHWQQQSYL	3166	>CTNNB1-S2: RHWQQQSYI	188	2978
>CTNNB1-S2: VSHWQQQS'	27	>CTNNB1-S2: VRHWQQQS'	208	181
>CTNNB1-S2: VSHWQQQS'	403	>CTNNB1-S2: VRHWQQQS'	12763	12360
>CTNNB1-S2: VSHWQQQS'	212	>CTNNB1-S2: VRHWQQQS'	152	60
>CTNNB1-S2: VSHWQQQS'	6	>CTNNB1-S2: VRHWQQQS'	15923	15917
>CTNNB1-S2: VSHWQQQS'	18	>CTNNB1-S2: VRHWQQQS'	23212	23194
>CTNNB1-S2: VSHWQQQS'	19198	>CTNNB1-S2: VRHWQQQS'	51	19147
>CTNNB1-S2: VSHWQQQS'	283	>CTNNB1-S2: VRHWQQQS'	20782	20499
>CTNNB1-S2: VSHWQQQS'	479	>CTNNB1-S2: VRHWQQQS'	12014	11535
>CTNNB1-S2: VSHWQQQS'	139	>CTNNB1-S2: VRHWQQQS'	12253	12114
>CTNNB1-S2: VSHWQQQS'	20604	>CTNNB1-S2: VRHWQQQS'	333	20271
>CTNNB1-S2: VSHWQQQS'	14679	>CTNNB1-S2: VRHWQQQS'	89	14590

>CTNNB1-S2:VSHWQQQS'	396	>CTNNB1-S2:VRHWQQQS'	17987	17591
>CTNNB1-S2:AMEPDRKAA	20359	>CTNNB1-S2:AMEPDRKAA	155	20204
>CTNNB1-S2:AVSHWQQQ:	77	>CTNNB1-S2:AVRHWQQQ	3178	3101
>CTNNB1-S2:AVSHWQQQ:	245	>CTNNB1-S2:AVRHWQQQ	849	604
>CTNNB1-S2:AVSHWQQQ:	368	>CTNNB1-S2:AVRHWQQQ	1730	1362
>CTNNB1-S2:AVSHWQQQ:	40	>CTNNB1-S2:AVRHWQQQ	141	101
>CTNNB1-S2:AVSHWQQQ:	163	>CTNNB1-S2:AVRHWQQQ	95	68
>CTNNB1-S2:AVSHWQQQ	6798	>CTNNB1-S2:AVRHWQQQ	53	6745
>CTNNB1-S2:AVSHWQQQ:	10330	>CTNNB1-S2:AVRHWQQQ	85	10245
>CTNNB1-S2:AVSHWQQQ:	3665	>CTNNB1-S2:AVRHWQQQ	17	3648
>CTNNB1-S2:AVSHWQQQ:	1880	>CTNNB1-S2:AVRHWQQQ	10	1870
>CTNNB1-S2:AVSHWQQQ:	140	>CTNNB1-S2:AVRHWQQQ	609	469
>CTNNB1-S2:AVSHWQQQ:	488	>CTNNB1-S2:AVRHWQQQ	6921	6433
>CTNNB1-S2:AVSHWQQQ:	333	>CTNNB1-S2:AVRHWQQQ	863	530
>CTNNB1-S2:AVSHWQQQ:	10747	>CTNNB1-S2:AVRHWQQQ	499	10248
>CTNNB1-S2:AVSHWQQQ:	121	>CTNNB1-S2:AVRHWQQQ	80	41
>CTNNB1-S2:AVSHWQQQ:	396	>CTNNB1-S2:AVRHWQQQ	147	249
>CTNNB1-S2:AVSHWQQQ:	116	>CTNNB1-S2:AVRHWQQQ	20	96
>CTNNB1-S2:AVSHWQQQ:	1661	>CTNNB1-S2:AVRHWQQQ	282	1379
>CTNNB1-S2:AVSHWQQQ:	378	>CTNNB1-S2:AVRHWQQQ	831	453
>CTNNB1-S2:AVSHWQQQ:	460	>CTNNB1-S2:AVRHWQQQ	150	310
>CTNNB1-S2:AVSHWQQQ:	282	>CTNNB1-S2:AVRHWQQQ	2508	2226
>CTNNB1-S2:AAVSHWQQQ:	61	>CTNNB1-S2:AAVRHWQQQ:	74	13
>CTNNB1-S2:AAVSHWQQQ:	459	>CTNNB1-S2:AAVRHWQQQ:	1477	1018
>CTNNB1-S2:AAVSHWQQQ:	144	>CTNNB1-S2:AAVRHWQQQ:	213	69
>CTNNB1-S2:AAVSHWQQQ:	58	>CTNNB1-S2:AAVRHWQQQ:	90	32
>CTNNB1-S2:AAVSHWQQQ:	10	>CTNNB1-S2:AAVRHWQQQ:	15	5
>CTNNB1-S2:AAVSHWQQQ:	91	>CTNNB1-S2:AAVRHWQQQ:	210	119
>CTNNB1-S2:AAVSHWQQQ:	112	>CTNNB1-S2:AAVRHWQQQ:	111	1
>CTNNB1-S2:RKA AVSHW	55	>CTNNB1-S2:RKA AVRHW	163	108
>CTNNB1-S2:RKA AVSHW	556	>CTNNB1-S2:RKA AVRHW	324	232
>CTNNB1-S2:RKA AVSHW	38	>CTNNB1-S2:RKA AVRHW	186	148
>CTNNB1-S2:RKA AVSHW	203	>CTNNB1-S2:RKA AVRHW	1715	1512
>CTNNB1-S2:EPDRKAAVSH	83	>CTNNB1-S2:EPDRKAAVRH	183	100
>CTNNB1-S2:EPDRKAAVSH	13	>CTNNB1-S2:EPDRKAAVRH	13	0
>CTNNB1-S2:SYLDSGIHSG/	410	>CTNNB1-S2:AYLDSGIHSG/	1172	762
>CTNNB1-S2:QSYLDSGI	46	>CTNNB1-S2:QAYLDSGI	359	313
>CTNNB1-S2:QSYLDSGI	22	>CTNNB1-S2:QAYLDSGI	77	55
>CTNNB1-S2:QQSYLDSGI	1017	>CTNNB1-S2:QQAYLDSGI	445	572
>CTNNB1-S2:QQSYLDSGI	417	>CTNNB1-S2:QQAYLDSGI	466	49
>CTNNB1-S2:QQQSYLDSGI	381	>CTNNB1-S2:QQQAYLDSG	664	283
>CTNNB1-S2:WQQQSYLDS	268	>CTNNB1-S2:WQQQAYLDS	191	77
>CTNNB1-S2:WQQQSYLDS	431	>CTNNB1-S2:WQQQAYLDS	431	0



>CTNNB1-S2:WQQQSYLDS	187	>CTNNB1-S2:WQQQAYLDS	414	227
>CTNNB1-S2:HWQQQSYL	22	>CTNNB1-S2:HWQQQAYL	24	2
>CTNNB1-S2:HWQQQSYL	116	>CTNNB1-S2:HWQQQAYL	137	21
>CTNNB1-S2:HWQQQSYLI	297	>CTNNB1-S2:HWQQQAYLI	298	1
>CTNNB1-S2:SHWQQQSY	180	>CTNNB1-S2:SHWQQQAY	121	59
>CTNNB1-S2:SHWQQQSY	158	>CTNNB1-S2:SHWQQQAY	188	30
>CTNNB1-S2:SHWQQQSY	63	>CTNNB1-S2:SHWQQQAY	67	4
>CTNNB1-S2:SHWQQQSYL	75	>CTNNB1-S2:SHWQQQAYI	61	14
>CTNNB1-S2:SHWQQQSY	1709	>CTNNB1-S2:SHWQQQAY	422	1287
>CTNNB1-S2:VSHWQQQS\	551	>CTNNB1-S2:VSHWQQQA'	358	193
>CTNNB1-S2:VSHWQQQS\	27	>CTNNB1-S2:VSHWQQQA'	32	5
>CTNNB1-S2:VSHWQQQS\	403	>CTNNB1-S2:VSHWQQQA'	450	47
>CTNNB1-S2:VSHWQQQS\	212	>CTNNB1-S2:VSHWQQQA'	167	45
>CTNNB1-S2:VSHWQQQS\	6	>CTNNB1-S2:VSHWQQQA'	7	1
>CTNNB1-S2:VSHWQQQS\	18	>CTNNB1-S2:VSHWQQQA'	17	1
>CTNNB1-S2:VSHWQQQS\	636	>CTNNB1-S2:VSHWQQQA'	111	525
>CTNNB1-S2:VSHWQQQS\	283	>CTNNB1-S2:VSHWQQQA'	1369	1086
>CTNNB1-S2:VSHWQQQS\	479	>CTNNB1-S2:VSHWQQQA'	1088	609
>CTNNB1-S2:VSHWQQQS\	139	>CTNNB1-S2:VSHWQQQA'	182	43
>CTNNB1-S2:VSHWQQQS\	396	>CTNNB1-S2:VSHWQQQA'	983	587
>CTNNB1-S2:AVSHWQQQ:	680	>CTNNB1-S2:AVSHWQQQ:	424	256
>CTNNB1-S2:AVSHWQQQ:	77	>CTNNB1-S2:AVSHWQQQ:	48	29
>CTNNB1-S2:AVSHWQQQ:	245	>CTNNB1-S2:AVSHWQQQ:	266	21
>CTNNB1-S2:AVSHWQQQ:	614	>CTNNB1-S2:AVSHWQQQ:	367	247
>CTNNB1-S2:AVSHWQQQ:	368	>CTNNB1-S2:AVSHWQQQ:	261	107
>CTNNB1-S2:AVSHWQQQ:	9160	>CTNNB1-S2:AVSHWQQQ:	95	9065
>CTNNB1-S2:AVSHWQQQ:	40	>CTNNB1-S2:AVSHWQQQ:	28	12
>CTNNB1-S2:AVSHWQQQ:	163	>CTNNB1-S2:AVSHWQQQ:	83	80
>CTNNB1-S2:AVSHWQQQ:	140	>CTNNB1-S2:AVSHWQQQ:	174	34
>CTNNB1-S2:AVSHWQQQ:	488	>CTNNB1-S2:AVSHWQQQ:	281	207
>CTNNB1-S2:AVSHWQQQ:	333	>CTNNB1-S2:AVSHWQQQ:	435	102
>CTNNB1-S2:AVSHWQQQ:	121	>CTNNB1-S2:AVSHWQQQ:	127	6
>CTNNB1-S2:AVSHWQQQ:	396	>CTNNB1-S2:AVSHWQQQ:	377	19
>CTNNB1-S2:AVSHWQQQ:	116	>CTNNB1-S2:AVSHWQQQ:	201	85
>CTNNB1-S2:AVSHWQQQ:	378	>CTNNB1-S2:AVSHWQQQ:	1651	1273
>CTNNB1-S2:AVSHWQQQ:	460	>CTNNB1-S2:AVSHWQQQ:	2485	2025
>CTNNB1-S2:AVSHWQQQ:	282	>CTNNB1-S2:AVSHWQQQ:	104	178
>CTNNB1-S2:AAVSHWQQ(	61	>CTNNB1-S2:AAVSHWQQ(	33	28
>CTNNB1-S2:AAVSHWQQ(	459	>CTNNB1-S2:AAVSHWQQ(	304	155
>CTNNB1-S2:AAVSHWQQ(	144	>CTNNB1-S2:AAVSHWQQ(	158	14
>CTNNB1-S2:AAVSHWQQ(	58	>CTNNB1-S2:AAVSHWQQ(	53	5
>CTNNB1-S2:AAVSHWQQ(	10	>CTNNB1-S2:AAVSHWQQ(	13	3
>CTNNB1-S2:AAVSHWQQ(	91	>CTNNB1-S2:AAVSHWQQ(	32	59

>CTNNB1-S2!AAVSHWQQ	112	>CTNNB1-S2!AAVSHWQQ	47	65
>CTNNB1-S2!SYLDSGIHSG/	4720	>CTNNB1-S2!FYLDSGIHSG/	305	4415
>CTNNB1-S2!SYLDSGIHSG/	410	>CTNNB1-S2!FYLDSGIHSG/	1179	769
>CTNNB1-S2!QSYLDSGI	46	>CTNNB1-S2!QFYLDSGI	25368	25322
>CTNNB1-S2!QSYLDSGI	22	>CTNNB1-S2!QFYLDSGI	4419	4397
>CTNNB1-S2!KAAVSHWQC	14406	>CTNNB1-S2!KAAVSHWQC	29	14377
>CTNNB1-S2!KAAVSHWQC	3295	>CTNNB1-S2!KAAVSHWQC	5	3290
>CTNNB1-S2!KAAVSHWQC	4258	>CTNNB1-S2!KAAVSHWQC	41	4217
>CTNNB1-S2!KAAVSHWQC	2736	>CTNNB1-S2!KAAVSHWQC	9	2727
>CTNNB1-S2!QQSYLDSGI	1017	>CTNNB1-S2!QQFYLDSGI	247	770
>CTNNB1-S2!QQSYLDSGI	4403	>CTNNB1-S2!QQFYLDSGI	199	4204
>CTNNB1-S2!QQSYLDSGI	1545	>CTNNB1-S2!QQFYLDSGI	451	1094
>CTNNB1-S2!QQSYLDSGI	417	>CTNNB1-S2!QQFYLDSGI	59	358
>CTNNB1-S2!QQSYLDSGIH	2269	>CTNNB1-S2!QQFYLDSGIH	341	1928
>CTNNB1-S2!QQQSYLDSGI	381	>CTNNB1-S2!QQQFYLDSGI	1358	977
>CTNNB1-S2!WQQQSYLDS	638	>CTNNB1-S2!WQQQFYLDS	427	211
>CTNNB1-S2!WQQQSYLDS	268	>CTNNB1-S2!WQQQFYLDS	153	115
>CTNNB1-S2!WQQQSYLDS	431	>CTNNB1-S2!WQQQFYLDS	747	316
>CTNNB1-S2!WQQQSYLDS	187	>CTNNB1-S2!WQQQFYLDS	262	75
>CTNNB1-S2!WQQQSYLDS	742	>CTNNB1-S2!WQQQFYLDS	284	458
>CTNNB1-S2!HWQQQSYL	22	>CTNNB1-S2!HWQQQFYL	10	12
>CTNNB1-S2!HWQQQSYL	1430	>CTNNB1-S2!HWQQQFYL	269	1161
>CTNNB1-S2!HWQQQSYLE	2450	>CTNNB1-S2!HWQQQFYLE	375	2075
>CTNNB1-S2!HWQQQSYL	116	>CTNNB1-S2!HWQQQFYL	80	36
>CTNNB1-S2!HWQQQSYLE	297	>CTNNB1-S2!HWQQQFYLE	210	87
>CTNNB1-S2!SHWQQQSY	180	>CTNNB1-S2!SHWQQQFY	44	136
>CTNNB1-S2!SHWQQQSY	158	>CTNNB1-S2!SHWQQQFY	98	60
>CTNNB1-S2!SHWQQQSY	2110	>CTNNB1-S2!SHWQQQFY	159	1951
>CTNNB1-S2!SHWQQQSY	63	>CTNNB1-S2!SHWQQQFY	178	115
>CTNNB1-S2!SHWQQQSYL	75	>CTNNB1-S2!SHWQQQFYL	92	17
>CTNNB1-S2!VSHWQQQS)	2007	>CTNNB1-S2!VSHWQQQF)	367	1640
>CTNNB1-S2!VSHWQQQS)	551	>CTNNB1-S2!VSHWQQQF)	147	404
>CTNNB1-S2!VSHWQQQS)	27	>CTNNB1-S2!VSHWQQQF)	19	8
>CTNNB1-S2!VSHWQQQS)	3899	>CTNNB1-S2!VSHWQQQF)	353	3546
>CTNNB1-S2!VSHWQQQS)	403	>CTNNB1-S2!VSHWQQQF)	2432	2029
>CTNNB1-S2!VSHWQQQS	23019	>CTNNB1-S2!VSHWQQQF	167	22852
>CTNNB1-S2!VSHWQQQS)	212	>CTNNB1-S2!VSHWQQQF)	830	618
>CTNNB1-S2!VSHWQQQS	6507	>CTNNB1-S2!VSHWQQQF	4	6503
>CTNNB1-S2!VSHWQQQS)	6	>CTNNB1-S2!VSHWQQQF)	6	0
>CTNNB1-S2!VSHWQQQS)	18	>CTNNB1-S2!VSHWQQQF)	25	7
>CTNNB1-S2!VSHWQQQS	18660	>CTNNB1-S2!VSHWQQQF	56	18604
>CTNNB1-S2!VSHWQQQS)	283	>CTNNB1-S2!VSHWQQQF)	288	5
>CTNNB1-S2!VSHWQQQS)	829	>CTNNB1-S2!VSHWQQQF)	161	668

>CTNNB1-S2:VSHWQQQS	8670	>CTNNB1-S2:VSHWQQQF	146	8524
>CTNNB1-S2:VSHWQQQS\	479	>CTNNB1-S2:VSHWQQQF\	344	135
>CTNNB1-S2:VSHWQQQS\	139	>CTNNB1-S2:VSHWQQQF\	120	19
>CTNNB1-S2:VSHWQQQS\	396	>CTNNB1-S2:VSHWQQQF\	3354	2958
>CTNNB1-S2:AVSHWQQQ:	680	>CTNNB1-S2:AVSHWQQQ:	178	502
>CTNNB1-S2:AVSHWQQQ:	1211	>CTNNB1-S2:AVSHWQQQ:	183	1028
>CTNNB1-S2:AVSHWQQQ:	77	>CTNNB1-S2:AVSHWQQQ:	36	41
>CTNNB1-S2:AVSHWQQQ:	245	>CTNNB1-S2:AVSHWQQQ:	623	378
>CTNNB1-S2:AVSHWQQQ:	614	>CTNNB1-S2:AVSHWQQQ:	94	520
>CTNNB1-S2:AVSHWQQQ:	368	>CTNNB1-S2:AVSHWQQQ:	138	230
>CTNNB1-S2:AVSHWQQQ:	1243	>CTNNB1-S2:AVSHWQQQ:	265	978
>CTNNB1-S2:AVSHWQQQ:	1493	>CTNNB1-S2:AVSHWQQQ:	241	1252
>CTNNB1-S2:AVSHWQQQ:	40	>CTNNB1-S2:AVSHWQQQ:	22	18
>CTNNB1-S2:AVSHWQQQ:	681	>CTNNB1-S2:AVSHWQQQ:	171	510
>CTNNB1-S2:AVSHWQQQ:	679	>CTNNB1-S2:AVSHWQQQ:	153	526
>CTNNB1-S2:AVSHWQQQ:	163	>CTNNB1-S2:AVSHWQQQ:	60	103
>CTNNB1-S2:AVSHWQQQ:	1161	>CTNNB1-S2:AVSHWQQQ:	189	972
>CTNNB1-S2:AVSHWQQQ:	140	>CTNNB1-S2:AVSHWQQQ:	58	82
>CTNNB1-S2:AVSHWQQQ:	24670	>CTNNB1-S2:AVSHWQQQ:	479	24191
>CTNNB1-S2:AVSHWQQQ:	488	>CTNNB1-S2:AVSHWQQQ:	212	276
>CTNNB1-S2:AVSHWQQQ:	333	>CTNNB1-S2:AVSHWQQQ:	35	298
>CTNNB1-S2:AVSHWQQQ:	16257	>CTNNB1-S2:AVSHWQQQ:	229	16028
>CTNNB1-S2:AVSHWQQQ:	121	>CTNNB1-S2:AVSHWQQQ:	333	212
>CTNNB1-S2:AVSHWQQQ:	22526	>CTNNB1-S2:AVSHWQQQ:	238	22288
>CTNNB1-S2:AVSHWQQQ:	396	>CTNNB1-S2:AVSHWQQQ:	1441	1045
>CTNNB1-S2:AVSHWQQQ:	19492	>CTNNB1-S2:AVSHWQQQ:	42	19450
>CTNNB1-S2:AVSHWQQQ:	116	>CTNNB1-S2:AVSHWQQQ:	266	150
>CTNNB1-S2:AVSHWQQQ:	20539	>CTNNB1-S2:AVSHWQQQ:	319	20220
>CTNNB1-S2:AVSHWQQQ:	15646	>CTNNB1-S2:AVSHWQQQ:	347	15299
>CTNNB1-S2:AVSHWQQQ:	378	>CTNNB1-S2:AVSHWQQQ:	294	84
>CTNNB1-S2:AVSHWQQQ:	460	>CTNNB1-S2:AVSHWQQQ:	3131	2671
>CTNNB1-S2:AVSHWQQQ:	282	>CTNNB1-S2:AVSHWQQQ:	628	346
>CTNNB1-S2:AAVSHWQQQ:	23017	>CTNNB1-S2:AAVSHWQQQ:	169	22848
>CTNNB1-S2:AAVSHWQQQ:	61	>CTNNB1-S2:AAVSHWQQQ:	25	36
>CTNNB1-S2:AAVSHWQQQ:	459	>CTNNB1-S2:AAVSHWQQQ:	128	331
>CTNNB1-S2:AAVSHWQQQ:	540	>CTNNB1-S2:AAVSHWQQQ:	345	195
>CTNNB1-S2:AAVSHWQQQ:	17913	>CTNNB1-S2:AAVSHWQQQ:	284	17629
>CTNNB1-S2:AAVSHWQQQ:	144	>CTNNB1-S2:AAVSHWQQQ:	482	338
>CTNNB1-S2:AAVSHWQQQ:	10709	>CTNNB1-S2:AAVSHWQQQ:	34	10675
>CTNNB1-S2:AAVSHWQQQ:	58	>CTNNB1-S2:AAVSHWQQQ:	162	104
>CTNNB1-S2:AAVSHWQQQ:	9325	>CTNNB1-S2:AAVSHWQQQ:	6	9319
>CTNNB1-S2:AAVSHWQQQ:	10	>CTNNB1-S2:AAVSHWQQQ:	14	4
>CTNNB1-S2:AAVSHWQQQ:	91	>CTNNB1-S2:AAVSHWQQQ:	321	230

>CTNNB1-S2:AAVSHWQQQ	19254	>CTNNB1-S2:AAVSHWQQQ	281	18973
>CTNNB1-S2:AAVSHWQQQ	112	>CTNNB1-S2:AAVSHWQQQ	276	164
>CTNNB1-S2:SYLDSGIHSG	410	>CTNNB1-S2:PYLDSGIHSG	4881	4471
>CTNNB1-S2:QSYLDSGI	46	>CTNNB1-S2:QPYLDSGI	18394	18348
>CTNNB1-S2:QSYLDSGIH	7398	>CTNNB1-S2:QPYLDSGIH	168	7230
>CTNNB1-S2:QSYLDSGI	22	>CTNNB1-S2:QPYLDSGI	1169	1147
>CTNNB1-S2:QQSYLDSGI	417	>CTNNB1-S2:QQPYLDSGI	2569	2152
>CTNNB1-S2:QQQSYLDSGI	381	>CTNNB1-S2:QQQPYLDSGI	694	313
>CTNNB1-S2:WQQQSYLDS	268	>CTNNB1-S2:WQQQPYLDS	330	62
>CTNNB1-S2:WQQQSYLDS	431	>CTNNB1-S2:WQQQPYLDS	816	385
>CTNNB1-S2:WQQQSYLDS	187	>CTNNB1-S2:WQQQPYLDS	353	166
>CTNNB1-S2:HWQQQSYL	22	>CTNNB1-S2:HWQQQPYL	30	8
>CTNNB1-S2:HWQQQSYL	116	>CTNNB1-S2:HWQQQPYL	102	14
>CTNNB1-S2:HWQQQSYLE	297	>CTNNB1-S2:HWQQQPYLE	216	81
>CTNNB1-S2:SHWQQQSY	180	>CTNNB1-S2:SHWQQQPYPY	119	61
>CTNNB1-S2:SHWQQQSY	158	>CTNNB1-S2:SHWQQQPYPY	340	182
>CTNNB1-S2:SHWQQQSY	63	>CTNNB1-S2:SHWQQQPYPY	62	1
>CTNNB1-S2:SHWQQQSYL	75	>CTNNB1-S2:SHWQQQPYLE	68	7
>CTNNB1-S2:VSHWQQQS	551	>CTNNB1-S2:VSHWQQQP	395	156
>CTNNB1-S2:VSHWQQQS	1076	>CTNNB1-S2:VSHWQQQP	325	751
>CTNNB1-S2:VSHWQQQS	27	>CTNNB1-S2:VSHWQQQP	77	50
>CTNNB1-S2:VSHWQQQS	403	>CTNNB1-S2:VSHWQQQP	247	156
>CTNNB1-S2:VSHWQQQS	212	>CTNNB1-S2:VSHWQQQP	186	26
>CTNNB1-S2:VSHWQQQS	6	>CTNNB1-S2:VSHWQQQP	5	1
>CTNNB1-S2:VSHWQQQS	18	>CTNNB1-S2:VSHWQQQP	24	6
>CTNNB1-S2:VSHWQQQS	636	>CTNNB1-S2:VSHWQQQP	140	496
>CTNNB1-S2:VSHWQQQS	283	>CTNNB1-S2:VSHWQQQP	1101	818
>CTNNB1-S2:VSHWQQQS	479	>CTNNB1-S2:VSHWQQQP	2220	1741
>CTNNB1-S2:VSHWQQQS	139	>CTNNB1-S2:VSHWQQQP	406	267
>CTNNB1-S2:VSHWQQQS	396	>CTNNB1-S2:VSHWQQQP	1990	1594
>CTNNB1-S2:AVSHWQQQ	1211	>CTNNB1-S2:AVSHWQQQ	445	766
>CTNNB1-S2:AVSHWQQQ	77	>CTNNB1-S2:AVSHWQQQ	155	78
>CTNNB1-S2:AVSHWQQQ	245	>CTNNB1-S2:AVSHWQQQ	775	530
>CTNNB1-S2:AVSHWQQQ	614	>CTNNB1-S2:AVSHWQQQ	236	378
>CTNNB1-S2:AVSHWQQQ	368	>CTNNB1-S2:AVSHWQQQ	223	145
>CTNNB1-S2:AVSHWQQQ	1243	>CTNNB1-S2:AVSHWQQQ	300	943
>CTNNB1-S2:AVSHWQQQ	40	>CTNNB1-S2:AVSHWQQQ	24	16
>CTNNB1-S2:AVSHWQQQ	163	>CTNNB1-S2:AVSHWQQQ	109	54
>CTNNB1-S2:AVSHWQQQ	140	>CTNNB1-S2:AVSHWQQQ	196	56
>CTNNB1-S2:AVSHWQQQ	488	>CTNNB1-S2:AVSHWQQQ	1710	1222
>CTNNB1-S2:AVSHWQQQ	333	>CTNNB1-S2:AVSHWQQQ	301	32
>CTNNB1-S2:AVSHWQQQ	121	>CTNNB1-S2:AVSHWQQQ	92	29
>CTNNB1-S2:AVSHWQQQ	396	>CTNNB1-S2:AVSHWQQQ	383	13

>CTNNB1-S2:AVSHWQQQ	116	>CTNNB1-S2:AVSHWQQQ	106	10
>CTNNB1-S2:AVSHWQQQ	378	>CTNNB1-S2:AVSHWQQQ	1390	1012
>CTNNB1-S2:AVSHWQQQ	460	>CTNNB1-S2:AVSHWQQQ	3819	3359
>CTNNB1-S2:AVSHWQQQ	282	>CTNNB1-S2:AVSHWQQQ	184	98
>CTNNB1-S2:AAVSHWQQ	61	>CTNNB1-S2:AAVSHWQQ	44	17
>CTNNB1-S2:AAVSHWQQ	459	>CTNNB1-S2:AAVSHWQQ	337	122
>CTNNB1-S2:AAVSHWQQ	144	>CTNNB1-S2:AAVSHWQQ	108	36
>CTNNB1-S2:AAVSHWQQ	58	>CTNNB1-S2:AAVSHWQQ	55	3
>CTNNB1-S2:AAVSHWQQ	10	>CTNNB1-S2:AAVSHWQQ	9	1
>CTNNB1-S2:AAVSHWQQ	91	>CTNNB1-S2:AAVSHWQQ	31	60
>CTNNB1-S2:AAVSHWQQ	112	>CTNNB1-S2:AAVSHWQQ	77	35
>CTNNB1-S2:SYLDSGIHSG	3100	>CTNNB1-S2:YYLDSGIHSG	481	2619
>CTNNB1-S2:SYLDSGIHSG	1853	>CTNNB1-S2:YYLDSGIHSG	423	1430
>CTNNB1-S2:SYLDSGIHSG	410	>CTNNB1-S2:YYLDSGIHSG	1171	761
>CTNNB1-S2:QSYLDSGI	23464	>CTNNB1-S2:QYYLDSGI	109	23355
>CTNNB1-S2:QSYLDSGI	21127	>CTNNB1-S2:QYYLDSGI	72	21055
>CTNNB1-S2:QSYLDSGI	46	>CTNNB1-S2:QYYLDSGI	23832	23786
>CTNNB1-S2:QSYLDSGI	22	>CTNNB1-S2:QYYLDSGI	2709	2687
>CTNNB1-S2:KAAVSHWQC	23195	>CTNNB1-S2:KAAVSHWQC	285	22910
>CTNNB1-S2:KAAVSHWQC	19127	>CTNNB1-S2:KAAVSHWQC	73	19054
>CTNNB1-S2:KAAVSHWQC	25432	>CTNNB1-S2:KAAVSHWQC	456	24976
>CTNNB1-S2:KAAVSHWQC	14406	>CTNNB1-S2:KAAVSHWQC	108	14298
>CTNNB1-S2:KAAVSHWQC	3295	>CTNNB1-S2:KAAVSHWQC	6	3289
>CTNNB1-S2:KAAVSHWQC	4258	>CTNNB1-S2:KAAVSHWQC	49	4209
>CTNNB1-S2:KAAVSHWQC	2736	>CTNNB1-S2:KAAVSHWQC	11	2725
>CTNNB1-S2:KAAVSHWQC	35493	>CTNNB1-S2:KAAVSHWQC	315	35178
>CTNNB1-S2:QQSYLDSGI	2494	>CTNNB1-S2:QQYYLDSGI	194	2300
>CTNNB1-S2:QQSYLDSGI	1017	>CTNNB1-S2:QQYYLDSGI	245	772
>CTNNB1-S2:QQSYLDSGI	417	>CTNNB1-S2:QQYYLDSGI	72	345
>CTNNB1-S2:QQSYLDSGIH	2269	>CTNNB1-S2:QQYYLDSGIH	420	1849
>CTNNB1-S2:QQQSYLDSGI	381	>CTNNB1-S2:QQQYYLDSGI	520	139
>CTNNB1-S2:WQQQSYLDS	638	>CTNNB1-S2:WQQQYYLDS	388	250
>CTNNB1-S2:WQQQSYLDS	268	>CTNNB1-S2:WQQQYYLDS	130	138
>CTNNB1-S2:WQQQSYLDS	431	>CTNNB1-S2:WQQQYYLDS	496	65
>CTNNB1-S2:WQQQSYLDS	187	>CTNNB1-S2:WQQQYYLDS	277	90
>CTNNB1-S2:WQQQSYLDS	742	>CTNNB1-S2:WQQQYYLDS	307	435
>CTNNB1-S2:HWQQQSYL	22	>CTNNB1-S2:HWQQQYYL	11	11
>CTNNB1-S2:HWQQQSYL	1430	>CTNNB1-S2:HWQQQYYL	208	1222
>CTNNB1-S2:HWQQQSYL	116	>CTNNB1-S2:HWQQQYYL	76	40
>CTNNB1-S2:HWQQQSYLE	297	>CTNNB1-S2:HWQQQYYLE	219	78
>CTNNB1-S2:SHWQQQSY	180	>CTNNB1-S2:SHWQQQYY	35	145
>CTNNB1-S2:SHWQQQSY	158	>CTNNB1-S2:SHWQQQYY	107	51
>CTNNB1-S2:SHWQQQSY	63	>CTNNB1-S2:SHWQQQYY	141	78

>CTNNB1-S2:SHWQQQSYL	75	>CTNNB1-S2:SHWQQQYYL	103	28
>CTNNB1-S2:SHWQQQSYL	892	>CTNNB1-S2:SHWQQQYYL	443	449
>CTNNB1-S2:VSHWQQQS	24840	>CTNNB1-S2:VSHWQQQY	205	24635
>CTNNB1-S2:VSHWQQQS\	551	>CTNNB1-S2:VSHWQQQY\	109	442
>CTNNB1-S2:VSHWQQQS	15177	>CTNNB1-S2:VSHWQQQY	68	15109
>CTNNB1-S2:VSHWQQQS\	27	>CTNNB1-S2:VSHWQQQY\	23	4
>CTNNB1-S2:VSHWQQQS\	403	>CTNNB1-S2:VSHWQQQY\	1695	1292
>CTNNB1-S2:VSHWQQQS\	212	>CTNNB1-S2:VSHWQQQY\	642	430
>CTNNB1-S2:VSHWQQQS	6507	>CTNNB1-S2:VSHWQQQY	5	6502
>CTNNB1-S2:VSHWQQQS\	6	>CTNNB1-S2:VSHWQQQY\	6	0
>CTNNB1-S2:VSHWQQQS\	18	>CTNNB1-S2:VSHWQQQY\	38	20
>CTNNB1-S2:VSHWQQQS	18660	>CTNNB1-S2:VSHWQQQY	199	18461
>CTNNB1-S2:VSHWQQQS\	283	>CTNNB1-S2:VSHWQQQY\	98	185
>CTNNB1-S2:VSHWQQQS\	829	>CTNNB1-S2:VSHWQQQY\	275	554
>CTNNB1-S2:VSHWQQQS	8670	>CTNNB1-S2:VSHWQQQY	137	8533
>CTNNB1-S2:VSHWQQQS\	479	>CTNNB1-S2:VSHWQQQY\	418	61
>CTNNB1-S2:VSHWQQQS\	139	>CTNNB1-S2:VSHWQQQY\	414	275
>CTNNB1-S2:VSHWQQQS\	396	>CTNNB1-S2:VSHWQQQY\	2111	1715
>CTNNB1-S2:AVSHWQQQ:	680	>CTNNB1-S2:AVSHWQQQ'	146	534
>CTNNB1-S2:AVSHWQQQ:	1211	>CTNNB1-S2:AVSHWQQQ'	219	992
>CTNNB1-S2:AVSHWQQQ:	77	>CTNNB1-S2:AVSHWQQQ'	31	46
>CTNNB1-S2:AVSHWQQQ:	245	>CTNNB1-S2:AVSHWQQQ'	631	386
>CTNNB1-S2:AVSHWQQQ:	614	>CTNNB1-S2:AVSHWQQQ'	276	338
>CTNNB1-S2:AVSHWQQQ:	368	>CTNNB1-S2:AVSHWQQQ'	161	207
>CTNNB1-S2:AVSHWQQQ:	2464	>CTNNB1-S2:AVSHWQQQ'	465	1999
>CTNNB1-S2:AVSHWQQQ:	1493	>CTNNB1-S2:AVSHWQQQ'	343	1150
>CTNNB1-S2:AVSHWQQQ:	40	>CTNNB1-S2:AVSHWQQQ'	43	3
>CTNNB1-S2:AVSHWQQQ:	681	>CTNNB1-S2:AVSHWQQQ'	175	506
>CTNNB1-S2:AVSHWQQQ:	679	>CTNNB1-S2:AVSHWQQQ'	158	521
>CTNNB1-S2:AVSHWQQQ:	31405	>CTNNB1-S2:AVSHWQQQ'	152	31253
>CTNNB1-S2:AVSHWQQQ:	163	>CTNNB1-S2:AVSHWQQQ'	109	54
>CTNNB1-S2:AVSHWQQQ:	13603	>CTNNB1-S2:AVSHWQQQ'	25	13578
>CTNNB1-S2:AVSHWQQQ:	1161	>CTNNB1-S2:AVSHWQQQ'	253	908
>CTNNB1-S2:AVSHWQQQ:	18962	>CTNNB1-S2:AVSHWQQQ'	43	18919
>CTNNB1-S2:AVSHWQQQ:	140	>CTNNB1-S2:AVSHWQQQ'	74	66
>CTNNB1-S2:AVSHWQQQ:	488	>CTNNB1-S2:AVSHWQQQ'	154	334
>CTNNB1-S2:AVSHWQQQ:	27540	>CTNNB1-S2:AVSHWQQQ'	257	27283
>CTNNB1-S2:AVSHWQQQ:	333	>CTNNB1-S2:AVSHWQQQ'	109	224
>CTNNB1-S2:AVSHWQQQ:	16257	>CTNNB1-S2:AVSHWQQQ'	190	16067
>CTNNB1-S2:AVSHWQQQ:	121	>CTNNB1-S2:AVSHWQQQ'	266	145
>CTNNB1-S2:AVSHWQQQ:	396	>CTNNB1-S2:AVSHWQQQ'	1054	658
>CTNNB1-S2:AVSHWQQQ:	19492	>CTNNB1-S2:AVSHWQQQ'	63	19429
>CTNNB1-S2:AVSHWQQQ:	116	>CTNNB1-S2:AVSHWQQQ'	204	88

>CTNNB1-S2:AVSHWQQQ'	15646	>CTNNB1-S2:AVSHWQQQ'	217	15429
>CTNNB1-S2:AVSHWQQQ'	378	>CTNNB1-S2:AVSHWQQQ'	330	48
>CTNNB1-S2:AVSHWQQQ'	460	>CTNNB1-S2:AVSHWQQQ'	3606	3146
>CTNNB1-S2:AVSHWQQQ'	34091	>CTNNB1-S2:AVSHWQQQ'	437	33654
>CTNNB1-S2:AVSHWQQQ'	282	>CTNNB1-S2:AVSHWQQQ'	829	547
>CTNNB1-S2:AVSHWQQQ'	34612	>CTNNB1-S2:AVSHWQQQ'	391	34221
>CTNNB1-S2:AAVSHWQQQ'	23017	>CTNNB1-S2:AAVSHWQQQ'	55	22962
>CTNNB1-S2:AAVSHWQQQ'	61	>CTNNB1-S2:AAVSHWQQQ'	43	18
>CTNNB1-S2:AAVSHWQQQ'	459	>CTNNB1-S2:AAVSHWQQQ'	93	366
>CTNNB1-S2:AAVSHWQQQ'	540	>CTNNB1-S2:AAVSHWQQQ'	420	120
>CTNNB1-S2:AAVSHWQQQ'	17913	>CTNNB1-S2:AAVSHWQQQ'	242	17671
>CTNNB1-S2:AAVSHWQQQ'	144	>CTNNB1-S2:AAVSHWQQQ'	371	227
>CTNNB1-S2:AAVSHWQQQ'	10709	>CTNNB1-S2:AAVSHWQQQ'	120	10589
>CTNNB1-S2:AAVSHWQQQ'	58	>CTNNB1-S2:AAVSHWQQQ'	140	82
>CTNNB1-S2:AAVSHWQQQ'	9325	>CTNNB1-S2:AAVSHWQQQ'	8	9317
>CTNNB1-S2:AAVSHWQQQ'	10	>CTNNB1-S2:AAVSHWQQQ'	14	4
>CTNNB1-S2:AAVSHWQQQ'	91	>CTNNB1-S2:AAVSHWQQQ'	298	207
>CTNNB1-S2:AAVSHWQQQ'	28061	>CTNNB1-S2:AAVSHWQQQ'	173	27888
>CTNNB1-S2:AAVSHWQQQ'	112	>CTNNB1-S2:AAVSHWQQQ'	368	256
>CTNNB1-S3:YLDAGIHS	603	>CTNNB1-S3:YLDAGIHS	487	116
>CTNNB1-S3:YLDAGIHSGA	78	>CTNNB1-S3:YLDAGIHSGA	74	4
>CTNNB1-S3:YLDAGIHSGA'	212	>CTNNB1-S3:YLDAGIHSGA	188	24
>CTNNB1-S3:YLDAGIHSG	278	>CTNNB1-S3:YLDAGIHSG	186	92
>CTNNB1-S3:YLDAGIHSGA	24	>CTNNB1-S3:YLDAGIHSGA	30	6
>CTNNB1-S3:YLDAGIHSGA'	284	>CTNNB1-S3:YLDAGIHSGA	206	78
>CTNNB1-S3:YLDAGIHSGA	32	>CTNNB1-S3:YLDAGIHSGA	32	0
>CTNNB1-S3:YLDAGIHSGA'	78	>CTNNB1-S3:YLDAGIHSGA	72	6
>CTNNB1-S3:YLDAGIHS	419	>CTNNB1-S3:YLDAGIHS	279	140
>CTNNB1-S3:YLDAGIHSG	570	>CTNNB1-S3:YLDAGIHSG	446	124
>CTNNB1-S3:YLDAGIHSGA	280	>CTNNB1-S3:YLDAGIHSGA	290	10
>CTNNB1-S3:YLDAGIHSGA'	178	>CTNNB1-S3:YLDAGIHSGA	111	67
>CTNNB1-S3:YLDAGIHS	47	>CTNNB1-S3:YLDAGIHS	45	2
>CTNNB1-S3:YLDAGIHSG	15	>CTNNB1-S3:YLDAGIHSG	14	1
>CTNNB1-S3:YLDAGIHSGA	2	>CTNNB1-S3:YLDAGIHSGA	2	0
>CTNNB1-S3:YLDAGIHSGA'	12	>CTNNB1-S3:YLDAGIHSGA	11	1
>CTNNB1-S3:YLDAGIHS	395	>CTNNB1-S3:YLDAGIHS	410	15
>CTNNB1-S3:YLDAGIHSG	139	>CTNNB1-S3:YLDAGIHSG	147	8
>CTNNB1-S3:YLDAGIHSGA	8	>CTNNB1-S3:YLDAGIHSGA	8	0
>CTNNB1-S3:YLDAGIHSGA'	83	>CTNNB1-S3:YLDAGIHSGA	83	0
>CTNNB1-S3:YLDAGIHS	101	>CTNNB1-S3:YLDAGIHS	97	4
>CTNNB1-S3:YLDAGIHSG	140	>CTNNB1-S3:YLDAGIHSG	139	1
>CTNNB1-S3:YLDAGIHSGA	7	>CTNNB1-S3:YLDAGIHSGA	7	0
>CTNNB1-S3:YLDAGIHSGA'	121	>CTNNB1-S3:YLDAGIHSGA	121	0

>CTNNB1-S3:YLDSGIHSGA	7	>CTNNB1-S3:YLDAGIHSGA	7	0
>CTNNB1-S3:YLDSGIHSGA	255	>CTNNB1-S3:YLDAGIHSGA	332	77
>CTNNB1-S3:YLDSGIHS	66	>CTNNB1-S3:YLDAGIHS	60	6
>CTNNB1-S3:YLDSGIHSG	13	>CTNNB1-S3:YLDAGIHSG	12	1
>CTNNB1-S3:YLDSGIHSGA	2	>CTNNB1-S3:YLDAGIHSGA	2	0
>CTNNB1-S3:YLDSGIHSGA	36	>CTNNB1-S3:YLDAGIHSGA	32	4
>CTNNB1-S3:YLDSGIHSGA	554	>CTNNB1-S3:YLDAGIHSGA	492	62
>CTNNB1-S3:SYLDSGIHSG	410	>CTNNB1-S3:SYLDAGIHSG	591	181
>CTNNB1-S3:QSYLDSGI	46	>CTNNB1-S3:QSYLDAGI	35	11
>CTNNB1-S3:QSYLDSGI	22	>CTNNB1-S3:QSYLDAGI	29	7
>CTNNB1-S3:QQSYLDSGI	1017	>CTNNB1-S3:QQSYLDAGI	468	549
>CTNNB1-S3:QQSYLDSGI	417	>CTNNB1-S3:QQSYLDAGI	1203	786
>CTNNB1-S3:QQQSYLDSGI	381	>CTNNB1-S3:QQQSYLDAG	717	336
>CTNNB1-S3:WQQQSYLDS	268	>CTNNB1-S3:WQQQSYLDA	158	110
>CTNNB1-S3:WQQQSYLDS	431	>CTNNB1-S3:WQQQSYLDA	406	25
>CTNNB1-S3:WQQQSYLDS	1891	>CTNNB1-S3:WQQQSYLDA	326	1565
>CTNNB1-S3:WQQQSYLDS	187	>CTNNB1-S3:WQQQSYLDA	349	162
>CTNNB1-S3:HWQQQSYL	297	>CTNNB1-S3:HWQQQSYL	207	90
>CTNNB1-S3:YLDSGIHS	603	>CTNNB1-S3:YLDCGIHS	497	106
>CTNNB1-S3:YLDSGIHSGA	78	>CTNNB1-S3:YLDCGIHSGA	69	9
>CTNNB1-S3:YLDSGIHSGA	212	>CTNNB1-S3:YLDCGIHSGA	223	11
>CTNNB1-S3:YLDSGIHSG	278	>CTNNB1-S3:YLDCGIHSG	644	366
>CTNNB1-S3:YLDSGIHSGA	24	>CTNNB1-S3:YLDCGIHSGA	43	19
>CTNNB1-S3:YLDSGIHSGA	284	>CTNNB1-S3:YLDCGIHSGA	453	169
>CTNNB1-S3:YLDSGIHSGA	32	>CTNNB1-S3:YLDCGIHSGA	60	28
>CTNNB1-S3:YLDSGIHSGA	78	>CTNNB1-S3:YLDCGIHSGA	82	4
>CTNNB1-S3:YLDSGIHS	419	>CTNNB1-S3:YLDCGIHS	437	18
>CTNNB1-S3:YLDSGIHSGA	280	>CTNNB1-S3:YLDCGIHSGA	235	45
>CTNNB1-S3:YLDSGIHSGA	178	>CTNNB1-S3:YLDCGIHSGA	158	20
>CTNNB1-S3:YLDSGIHS	47	>CTNNB1-S3:YLDCGIHS	49	2
>CTNNB1-S3:YLDSGIHSG	15	>CTNNB1-S3:YLDCGIHSG	14	1
>CTNNB1-S3:YLDSGIHSGA	2	>CTNNB1-S3:YLDCGIHSGA	2	0
>CTNNB1-S3:YLDSGIHSGA	12	>CTNNB1-S3:YLDCGIHSGA	11	1
>CTNNB1-S3:YLDSGIHS	395	>CTNNB1-S3:YLDCGIHS	108	287
>CTNNB1-S3:YLDSGIHSG	139	>CTNNB1-S3:YLDCGIHSG	50	89
>CTNNB1-S3:YLDSGIHSGA	8	>CTNNB1-S3:YLDCGIHSGA	5	3
>CTNNB1-S3:YLDSGIHSGA	83	>CTNNB1-S3:YLDCGIHSGA	32	51
>CTNNB1-S3:YLDSGIHS	101	>CTNNB1-S3:YLDCGIHS	262	161
>CTNNB1-S3:YLDSGIHSG	140	>CTNNB1-S3:YLDCGIHSG	356	216
>CTNNB1-S3:YLDSGIHSGA	7	>CTNNB1-S3:YLDCGIHSGA	9	2
>CTNNB1-S3:YLDSGIHSGA	121	>CTNNB1-S3:YLDCGIHSGA	232	111
>CTNNB1-S3:YLDSGIHSGA	7	>CTNNB1-S3:YLDCGIHSGA	10	3
>CTNNB1-S3:YLDSGIHSGA	255	>CTNNB1-S3:YLDCGIHSGA	486	231



>CTNNB1-S3:YLDSGIHS	66	>CTNNB1-S3:YLDCGIHS	275	209
>CTNNB1-S3:YLDSGIHSG	13	>CTNNB1-S3:YLDCGIHSG	61	48
>CTNNB1-S3:YLDSGIHSGA	2	>CTNNB1-S3:YLDCGIHSGA	3	1
>CTNNB1-S3:YLDSGIHSGA	36	>CTNNB1-S3:YLDCGIHSGA	108	72
>CTNNB1-S3:YLDSGIHSGA	554	>CTNNB1-S3:YLDCGIHSGA	406	148
>CTNNB1-S3:SYLDSGIHSG	410	>CTNNB1-S3:SYLDCGIHSG	749	339
>CTNNB1-S3:QSYLDSGI	46	>CTNNB1-S3:QSYLDCGI	99	53
>CTNNB1-S3:QSYLDSGI	22	>CTNNB1-S3:QSYLDCGI	58	36
>CTNNB1-S3:QQSYLDSGI	417	>CTNNB1-S3:QQSYLDCGI	952	535
>CTNNB1-S3:QQQSYLDSGI	381	>CTNNB1-S3:QQQSYLDCG	780	399
>CTNNB1-S3:WQQQSYLDS	638	>CTNNB1-S3:WQQQSYLDC	446	192
>CTNNB1-S3:WQQQSYLDS	268	>CTNNB1-S3:WQQQSYLDC	245	23
>CTNNB1-S3:WQQQSYLDS	431	>CTNNB1-S3:WQQQSYLDC	357	74
>CTNNB1-S3:WQQQSYLDS	187	>CTNNB1-S3:WQQQSYLDC	316	129
>CTNNB1-S3:HWQQQSYLI	297	>CTNNB1-S3:HWQQQSYLI	545	248
>CTNNB1-S3:SGIHSGATTT	5002	>CTNNB1-S3:FGIHSGATTT	385	4617
>CTNNB1-S3:SHWQQQSYL	7629	>CTNNB1-S3:SHWQQQSYL	18	7611
>CTNNB1-S3:YLDSGIHSGA	78	>CTNNB1-S3:YLDFGIHSGA	98	20
>CTNNB1-S3:YLDSGIHSGA	212	>CTNNB1-S3:YLDFGIHSGA	329	117
>CTNNB1-S3:YLDSGIHSG	278	>CTNNB1-S3:YLDFGIHSG	476	198
>CTNNB1-S3:YLDSGIHSGA	24	>CTNNB1-S3:YLDFGIHSGA	60	36
>CTNNB1-S3:YLDSGIHSGA	284	>CTNNB1-S3:YLDFGIHSGA	385	101
>CTNNB1-S3:YLDSGIHSGA	32	>CTNNB1-S3:YLDFGIHSGA	93	61
>CTNNB1-S3:YLDSGIHSGA	78	>CTNNB1-S3:YLDFGIHSGA	103	25
>CTNNB1-S3:YLDSGIHS	419	>CTNNB1-S3:YLDFGIHS	932	513
>CTNNB1-S3:YLDSGIHSGA	280	>CTNNB1-S3:YLDFGIHSGA	384	104
>CTNNB1-S3:YLDSGIHSGA	178	>CTNNB1-S3:YLDFGIHSGA	319	141
>CTNNB1-S3:YLDSGIHS	47	>CTNNB1-S3:YLDFGIHS	62	15
>CTNNB1-S3:YLDSGIHSG	15	>CTNNB1-S3:YLDFGIHSG	25	10
>CTNNB1-S3:YLDSGIHSGA	2	>CTNNB1-S3:YLDFGIHSGA	3	1
>CTNNB1-S3:YLDSGIHSGA	12	>CTNNB1-S3:YLDFGIHSGA	18	6
>CTNNB1-S3:YLDSGIHS	395	>CTNNB1-S3:YLDFGIHS	455	60
>CTNNB1-S3:YLDSGIHSG	139	>CTNNB1-S3:YLDFGIHSG	184	45
>CTNNB1-S3:YLDSGIHSGA	8	>CTNNB1-S3:YLDFGIHSGA	10	2
>CTNNB1-S3:YLDSGIHSGA	83	>CTNNB1-S3:YLDFGIHSGA	110	27
>CTNNB1-S3:YLDSGIHS	101	>CTNNB1-S3:YLDFGIHS	259	158
>CTNNB1-S3:YLDSGIHSG	140	>CTNNB1-S3:YLDFGIHSG	412	272
>CTNNB1-S3:YLDSGIHSGA	7	>CTNNB1-S3:YLDFGIHSGA	8	1
>CTNNB1-S3:YLDSGIHSGA	121	>CTNNB1-S3:YLDFGIHSGA	235	114
>CTNNB1-S3:YLDSGIHSGA	7	>CTNNB1-S3:YLDFGIHSGA	9	2
>CTNNB1-S3:YLDSGIHSGA	255	>CTNNB1-S3:YLDFGIHSGA	362	107
>CTNNB1-S3:YLDSGIHS	66	>CTNNB1-S3:YLDFGIHS	165	99
>CTNNB1-S3:YLDSGIHSG	13	>CTNNB1-S3:YLDFGIHSG	32	19

>CTNNB1-S3:YLDSGIHSGA	2	>CTNNB1-S3:YLDFGIHSGA	3	1
>CTNNB1-S3:YLDSGIHSGA`	36	>CTNNB1-S3:YLDFGIHSGA`	77	41
>CTNNB1-S3:SYLDSGIHSG/	410	>CTNNB1-S3:SYLDFGIHSG/	326	84
>CTNNB1-S3:QSYLDSGI	1029	>CTNNB1-S3:QSYLDFGI	371	658
>CTNNB1-S3:QSYLDSGI	46	>CTNNB1-S3:QSYLDFGI	118	72
>CTNNB1-S3:QSYLDSGI	22	>CTNNB1-S3:QSYLDFGI	27	5
>CTNNB1-S3:QQSYLDSGI	1017	>CTNNB1-S3:QQSYLDFGI	57	960
>CTNNB1-S3:QQSYLDSGI	417	>CTNNB1-S3:QQSYLDFGI	1866	1449
>CTNNB1-S3:QQQSYLDS	13343	>CTNNB1-S3:QQQSYLDF	93	13250
>CTNNB1-S3:QQQSYLDS	4426	>CTNNB1-S3:QQQSYLDF	7	4419
>CTNNB1-S3:QQQSYLDSGI	381	>CTNNB1-S3:QQQSYLDFGI	1170	789
>CTNNB1-S3:WQQQSYLDS	268	>CTNNB1-S3:WQQQSYLDF	63	205
>CTNNB1-S3:WQQQSYLDS	24100	>CTNNB1-S3:WQQQSYLDF	196	23904
>CTNNB1-S3:WQQQSYLDS	21827	>CTNNB1-S3:WQQQSYLDF	132	21695
>CTNNB1-S3:WQQQSYLDS	7265	>CTNNB1-S3:WQQQSYLDF	42	7223
>CTNNB1-S3:WQQQSYLDS	431	>CTNNB1-S3:WQQQSYLDF	867	436
>CTNNB1-S3:WQQQSYLDS	14970	>CTNNB1-S3:WQQQSYLDF	118	14852
>CTNNB1-S3:WQQQSYLDS	1891	>CTNNB1-S3:WQQQSYLDF	4	1887
>CTNNB1-S3:WQQQSYLDS	187	>CTNNB1-S3:WQQQSYLDF	456	269
>CTNNB1-S3:HWQQQSYLLE	32947	>CTNNB1-S3:HWQQQSYLLE	100	32847
>CTNNB1-S3:HWQQQSYLLE	30561	>CTNNB1-S3:HWQQQSYLLE	204	30357
>CTNNB1-S3:HWQQQSYLLE	6490	>CTNNB1-S3:HWQQQSYLLE	6	6484
>CTNNB1-S3:HWQQQSYLLE	297	>CTNNB1-S3:HWQQQSYLLE	96	201
>CTNNB1-S3:SHWQQQSYL	7629	>CTNNB1-S3:SHWQQQSYL	429	7200
>CTNNB1-S3:SHWQQQSYL	5754	>CTNNB1-S3:SHWQQQSYL	457	5297
>CTNNB1-S3:YLDSGIHSGA	78	>CTNNB1-S3:YLDLGIHSGA	81	3
>CTNNB1-S3:YLDSGIHSGA`	212	>CTNNB1-S3:YLDLGIHSGA`	548	336
>CTNNB1-S3:YLDSGIHSG	278	>CTNNB1-S3:YLDLGIHSG	955	677
>CTNNB1-S3:YLDSGIHSGA	24	>CTNNB1-S3:YLDLGIHSGA	50	26
>CTNNB1-S3:YLDSGIHSGA`	284	>CTNNB1-S3:YLDLGIHSGA`	696	412
>CTNNB1-S3:YLDSGIHSGA	32	>CTNNB1-S3:YLDLGIHSGA	65	33
>CTNNB1-S3:YLDSGIHSGA`	78	>CTNNB1-S3:YLDLGIHSGA`	313	235
>CTNNB1-S3:YLDSGIHS	419	>CTNNB1-S3:YLDLGIHS	1571	1152
>CTNNB1-S3:YLDSGIHSGA	280	>CTNNB1-S3:YLDLGIHSGA	255	25
>CTNNB1-S3:YLDSGIHSGA`	178	>CTNNB1-S3:YLDLGIHSGA`	499	321
>CTNNB1-S3:YLDSGIHS	47	>CTNNB1-S3:YLDLGIHS	159	112
>CTNNB1-S3:YLDSGIHSG	15	>CTNNB1-S3:YLDLGIHSG	60	45
>CTNNB1-S3:YLDSGIHSGA	2	>CTNNB1-S3:YLDLGIHSGA	4	2
>CTNNB1-S3:YLDSGIHSGA`	12	>CTNNB1-S3:YLDLGIHSGA`	36	24
>CTNNB1-S3:YLDSGIHS	395	>CTNNB1-S3:YLDLGIHS	909	514
>CTNNB1-S3:YLDSGIHSG	139	>CTNNB1-S3:YLDLGIHSG	331	192
>CTNNB1-S3:YLDSGIHSGA	8	>CTNNB1-S3:YLDLGIHSGA	13	5
>CTNNB1-S3:YLDSGIHSGA`	83	>CTNNB1-S3:YLDLGIHSGA`	181	98

>CTNNB1-S3:YLDSEIHS	101	>CTNNB1-S3:YLDLGIHS	295	194
>CTNNB1-S3:YLDSEIHSG	140	>CTNNB1-S3:YLDLGIHSG	541	401
>CTNNB1-S3:YLDSEIHSGA	7	>CTNNB1-S3:YLDLGIHSGA	9	2
>CTNNB1-S3:YLDSEIHSGA	121	>CTNNB1-S3:YLDLGIHSGA	297	176
>CTNNB1-S3:YLDSEIHSGA	7	>CTNNB1-S3:YLDLGIHSGA	12	5
>CTNNB1-S3:YLDSEIHSGA	255	>CTNNB1-S3:YLDLGIHSGA	647	392
>CTNNB1-S3:YLDSEIHS	66	>CTNNB1-S3:YLDLGIHS	242	176
>CTNNB1-S3:YLDSEIHSG	13	>CTNNB1-S3:YLDLGIHSG	41	28
>CTNNB1-S3:YLDSEIHSGA	2	>CTNNB1-S3:YLDLGIHSGA	3	1
>CTNNB1-S3:YLDSEIHSGA	36	>CTNNB1-S3:YLDLGIHSGA	91	55
>CTNNB1-S3:SYLDSEIHSG/	410	>CTNNB1-S3:SYLDLGIHSG/	405	5
>CTNNB1-S3:QSYLDSEI	46	>CTNNB1-S3:QSYLDLGI	59	13
>CTNNB1-S3:QSYLDSEI	22	>CTNNB1-S3:QSYLDLGI	35	13
>CTNNB1-S3:QQSYLDSEI	1017	>CTNNB1-S3:QQSYLDLGI	469	548
>CTNNB1-S3:QQSYLDSEI	417	>CTNNB1-S3:QQSYLDLGI	928	511
>CTNNB1-S3:QQQSYLDS	4426	>CTNNB1-S3:QQQSYLDL	116	4310
>CTNNB1-S3:QQQSYLDSEI	381	>CTNNB1-S3:QQQSYLDLGI	780	399
>CTNNB1-S3:WQQQSYLDS	268	>CTNNB1-S3:WQQQSYLDL	176	92
>CTNNB1-S3:WQQQSYLDS	7265	>CTNNB1-S3:WQQQSYLDL	350	6915
>CTNNB1-S3:WQQQSYLDS	431	>CTNNB1-S3:WQQQSYLDL	459	28
>CTNNB1-S3:WQQQSYLDS	1891	>CTNNB1-S3:WQQQSYLDL	35	1856
>CTNNB1-S3:WQQQSYLDS	187	>CTNNB1-S3:WQQQSYLDL	295	108
>CTNNB1-S3:WQQQSYLDS	20926	>CTNNB1-S3:WQQQSYLDL	140	20786
>CTNNB1-S3:WQQQSYLDS	17969	>CTNNB1-S3:WQQQSYLDL	317	17652
>CTNNB1-S3:WQQQSYLDS	14182	>CTNNB1-S3:WQQQSYLDL	161	14021
>CTNNB1-S3:HWQQQSYLLE	6490	>CTNNB1-S3:HWQQQSYLLE	23	6467
>CTNNB1-S3:HWQQQSYLLE	12747	>CTNNB1-S3:HWQQQSYLLE	430	12317
>CTNNB1-S3:HWQQQSYLLE	6379	>CTNNB1-S3:HWQQQSYLLE	301	6078
>CTNNB1-S3:HWQQQSYLLE	297	>CTNNB1-S3:HWQQQSYLLE	413	116
>CTNNB1-S3:YLDSEIHSGA	78	>CTNNB1-S3:YLDNGIHSGA	54	24
>CTNNB1-S3:YLDSEIHSGA	212	>CTNNB1-S3:YLDNGIHSGA	257	45
>CTNNB1-S3:YLDSEIHSG	278	>CTNNB1-S3:YLDNGIHSG	717	439
>CTNNB1-S3:YLDSEIHSGA	24	>CTNNB1-S3:YLDNGIHSGA	27	3
>CTNNB1-S3:YLDSEIHSGA	284	>CTNNB1-S3:YLDNGIHSGA	604	320
>CTNNB1-S3:YLDSEIHSGA	32	>CTNNB1-S3:YLDNGIHSGA	36	4
>CTNNB1-S3:YLDSEIHSGA	78	>CTNNB1-S3:YLDNGIHSGA	103	25
>CTNNB1-S3:YLDSEIHS	419	>CTNNB1-S3:YLDNGIHS	396	23
>CTNNB1-S3:YLDSEIHSGA	280	>CTNNB1-S3:YLDNGIHSGA	215	65
>CTNNB1-S3:YLDSEIHSGA	178	>CTNNB1-S3:YLDNGIHSGA	150	28
>CTNNB1-S3:YLDSEIHS	47	>CTNNB1-S3:YLDNGIHS	32	15
>CTNNB1-S3:YLDSEIHSG	15	>CTNNB1-S3:YLDNGIHSG	12	3
>CTNNB1-S3:YLDSEIHSGA	2	>CTNNB1-S3:YLDNGIHSGA	2	0
>CTNNB1-S3:YLDSEIHSGA	12	>CTNNB1-S3:YLDNGIHSGA	10	2

>CTNNB1-S3:YLDSGIHS	395	>CTNNB1-S3:YLDNGIHS	130	265
>CTNNB1-S3:YLDSGIHSG	139	>CTNNB1-S3:YLDNGIHSG	65	74
>CTNNB1-S3:YLDSGIHSGA	8	>CTNNB1-S3:YLDNGIHSGA	6	2
>CTNNB1-S3:YLDSGIHSGA	83	>CTNNB1-S3:YLDNGIHSGA	43	40
>CTNNB1-S3:YLDSGIHS	101	>CTNNB1-S3:YLDNGIHS	86	15
>CTNNB1-S3:YLDSGIHSG	140	>CTNNB1-S3:YLDNGIHSG	94	46
>CTNNB1-S3:YLDSGIHSGA	7	>CTNNB1-S3:YLDNGIHSGA	6	1
>CTNNB1-S3:YLDSGIHSGA	121	>CTNNB1-S3:YLDNGIHSGA	93	28
>CTNNB1-S3:YLDSGIHSGA	7	>CTNNB1-S3:YLDNGIHSGA	8	1
>CTNNB1-S3:YLDSGIHSGA	255	>CTNNB1-S3:YLDNGIHSGA	260	5
>CTNNB1-S3:YLDSGIHS	66	>CTNNB1-S3:YLDNGIHS	58	8
>CTNNB1-S3:YLDSGIHSG	13	>CTNNB1-S3:YLDNGIHSG	13	0
>CTNNB1-S3:YLDSGIHSGA	2	>CTNNB1-S3:YLDNGIHSGA	2	0
>CTNNB1-S3:YLDSGIHSGA	36	>CTNNB1-S3:YLDNGIHSGA	35	1
>CTNNB1-S3:SYLDSGIHSG	410	>CTNNB1-S3:SYLDNGIHSG	615	205
>CTNNB1-S3:QSYLDSGI	46	>CTNNB1-S3:QSYLDNGI	349	303
>CTNNB1-S3:QSYLDSGI	22	>CTNNB1-S3:QSYLDNGI	48	26
>CTNNB1-S3:QQSYLDSGI	417	>CTNNB1-S3:QQSYLDNGI	1115	698
>CTNNB1-S3:QQQSYLDSGI	381	>CTNNB1-S3:QQQSYLDNG	768	387
>CTNNB1-S3:WQQQSYLDS	268	>CTNNB1-S3:WQQQSYLDN	245	23
>CTNNB1-S3:WQQQSYLDS	431	>CTNNB1-S3:WQQQSYLDN	828	397
>CTNNB1-S3:WQQQSYLDS	187	>CTNNB1-S3:WQQQSYLDN	358	171
>CTNNB1-S3:HWQQQSYL	297	>CTNNB1-S3:HWQQQSYL	730	433
>CTNNB1-S3:YLDSGIHSGA	78	>CTNNB1-S3:YLDPGIHSGA	72	6
>CTNNB1-S3:YLDSGIHSGA	212	>CTNNB1-S3:YLDPGIHSGA	244	32
>CTNNB1-S3:YLDSGIHSG	278	>CTNNB1-S3:YLDPGIHSG	296	18
>CTNNB1-S3:YLDSGIHSGA	24	>CTNNB1-S3:YLDPGIHSGA	48	24
>CTNNB1-S3:YLDSGIHSGA	284	>CTNNB1-S3:YLDPGIHSGA	312	28
>CTNNB1-S3:YLDSGIHSGA	32	>CTNNB1-S3:YLDPGIHSGA	52	20
>CTNNB1-S3:YLDSGIHSGA	78	>CTNNB1-S3:YLDPGIHSGA	81	3
>CTNNB1-S3:YLDSGIHS	419	>CTNNB1-S3:YLDPGIHS	194	225
>CTNNB1-S3:YLDSGIHSG	570	>CTNNB1-S3:YLDPGIHSG	187	383
>CTNNB1-S3:YLDSGIHSGA	280	>CTNNB1-S3:YLDPGIHSGA	197	83
>CTNNB1-S3:YLDSGIHSGA	178	>CTNNB1-S3:YLDPGIHSGA	73	105
>CTNNB1-S3:YLDSGIHS	47	>CTNNB1-S3:YLDPGIHS	34	13
>CTNNB1-S3:YLDSGIHSG	15	>CTNNB1-S3:YLDPGIHSG	14	1
>CTNNB1-S3:YLDSGIHSGA	2	>CTNNB1-S3:YLDPGIHSGA	2	0
>CTNNB1-S3:YLDSGIHSGA	12	>CTNNB1-S3:YLDPGIHSGA	11	1
>CTNNB1-S3:YLDSGIHS	395	>CTNNB1-S3:YLDPGIHS	314	81
>CTNNB1-S3:YLDSGIHSG	139	>CTNNB1-S3:YLDPGIHSG	95	44
>CTNNB1-S3:YLDSGIHSGA	8	>CTNNB1-S3:YLDPGIHSGA	7	1
>CTNNB1-S3:YLDSGIHSGA	83	>CTNNB1-S3:YLDPGIHSGA	60	23
>CTNNB1-S3:YLDSGIHS	101	>CTNNB1-S3:YLDPGIHS	85	16

>CTNNB1-S3:YLDSGIHSG	140	>CTNNB1-S3:YLDPGIHSG	90	50
>CTNNB1-S3:YLDSGIHSGA	7	>CTNNB1-S3:YLDPGIHSGA	6	1
>CTNNB1-S3:YLDSGIHSGA	121	>CTNNB1-S3:YLDPGIHSGA	93	28
>CTNNB1-S3:YLDSGIHSGA	7	>CTNNB1-S3:YLDPGIHSGA	7	0
>CTNNB1-S3:YLDSGIHSGA	255	>CTNNB1-S3:YLDPGIHSGA	232	23
>CTNNB1-S3:YLDSGIHS	66	>CTNNB1-S3:YLDPGIHS	34	32
>CTNNB1-S3:YLDSGIHSG	13	>CTNNB1-S3:YLDPGIHSG	6	7
>CTNNB1-S3:YLDSGIHSGA	2	>CTNNB1-S3:YLDPGIHSGA	2	0
>CTNNB1-S3:YLDSGIHSGA	36	>CTNNB1-S3:YLDPGIHSGA	19	17
>CTNNB1-S3:SYLDSGIHSG	410	>CTNNB1-S3:SYLDPGIHSG	527	117
>CTNNB1-S3:QSYLDSGI	46	>CTNNB1-S3:QSYLDPGI	101	55
>CTNNB1-S3:QSYLDSGI	22	>CTNNB1-S3:QSYLDPGI	33	11
>CTNNB1-S3:QQSYLDSGI	1017	>CTNNB1-S3:QQSYLDPGI	232	785
>CTNNB1-S3:QQSYLDSGI	417	>CTNNB1-S3:QQSYLDPGI	1127	710
>CTNNB1-S3:QQQSYLDSGI	381	>CTNNB1-S3:QQQSYLDPGI	703	322
>CTNNB1-S3:WQQQSYLDS	268	>CTNNB1-S3:WQQQSYLDF	140	128
>CTNNB1-S3:WQQQSYLDS	431	>CTNNB1-S3:WQQQSYLDF	670	239
>CTNNB1-S3:WQQQSYLDS	187	>CTNNB1-S3:WQQQSYLDF	357	170
>CTNNB1-S3:HWQQQSYLI	297	>CTNNB1-S3:HWQQQSYLI	408	111
>CTNNB1-S3:YLDSGIHSGA	78	>CTNNB1-S3:YLDTGIHSGA	95	17
>CTNNB1-S3:YLDSGIHSGA	212	>CTNNB1-S3:YLDTGIHSGA	304	92
>CTNNB1-S3:YLDSGIHSG	278	>CTNNB1-S3:YLDTGIHSG	618	340
>CTNNB1-S3:YLDSGIHSGA	24	>CTNNB1-S3:YLDTGIHSGA	36	12
>CTNNB1-S3:YLDSGIHSGA	284	>CTNNB1-S3:YLDTGIHSGA	509	225
>CTNNB1-S3:YLDSGIHSGA	32	>CTNNB1-S3:YLDTGIHSGA	44	12
>CTNNB1-S3:YLDSGIHSGA	78	>CTNNB1-S3:YLDTGIHSGA	132	54
>CTNNB1-S3:YLDSGIHS	419	>CTNNB1-S3:YLDTGIHS	622	203
>CTNNB1-S3:YLDSGIHSGA	280	>CTNNB1-S3:YLDTGIHSGA	250	30
>CTNNB1-S3:YLDSGIHSGA	178	>CTNNB1-S3:YLDTGIHSGA	221	43
>CTNNB1-S3:YLDSGIHS	47	>CTNNB1-S3:YLDTGIHS	83	36
>CTNNB1-S3:YLDSGIHSG	15	>CTNNB1-S3:YLDTGIHSG	31	16
>CTNNB1-S3:YLDSGIHSGA	2	>CTNNB1-S3:YLDTGIHSGA	3	1
>CTNNB1-S3:YLDSGIHSGA	12	>CTNNB1-S3:YLDTGIHSGA	21	9
>CTNNB1-S3:YLDSGIHS	395	>CTNNB1-S3:YLDTGIHS	398	3
>CTNNB1-S3:YLDSGIHSG	139	>CTNNB1-S3:YLDTGIHSG	166	27
>CTNNB1-S3:YLDSGIHSGA	8	>CTNNB1-S3:YLDTGIHSGA	9	1
>CTNNB1-S3:YLDSGIHSGA	83	>CTNNB1-S3:YLDTGIHSGA	95	12
>CTNNB1-S3:YLDSGIHS	101	>CTNNB1-S3:YLDTGIHS	175	74
>CTNNB1-S3:YLDSGIHSG	140	>CTNNB1-S3:YLDTGIHSG	311	171
>CTNNB1-S3:YLDSGIHSGA	7	>CTNNB1-S3:YLDTGIHSGA	8	1
>CTNNB1-S3:YLDSGIHSGA	121	>CTNNB1-S3:YLDTGIHSGA	202	81
>CTNNB1-S3:YLDSGIHSGA	7	>CTNNB1-S3:YLDTGIHSGA	9	2
>CTNNB1-S3:YLDSGIHSGA	255	>CTNNB1-S3:YLDTGIHSGA	468	213

>CTNNB1-S3:YLDSGIHS	66	>CTNNB1-S3:YLDTGIHS	109	43
>CTNNB1-S3:YLDSGIHSG	13	>CTNNB1-S3:YLDTGIHSG	20	7
>CTNNB1-S3:YLDSGIHSGA	2	>CTNNB1-S3:YLDTGIHSGA	2	0
>CTNNB1-S3:YLDSGIHSGA	36	>CTNNB1-S3:YLDTGIHSGA	52	16
>CTNNB1-S3:SYLDSGIHSG	410	>CTNNB1-S3:SYLDTGIHSG	251	159
>CTNNB1-S3:QSYLDSGI	46	>CTNNB1-S3:QSYLDTGI	90	44
>CTNNB1-S3:QSYLDSGI	22	>CTNNB1-S3:QSYLDTGI	27	5
>CTNNB1-S3:QQSYLDSGI	417	>CTNNB1-S3:QQSYLDTGI	630	213
>CTNNB1-S3:QQQSYLDSGI	381	>CTNNB1-S3:QQQSYLDTGI	520	139
>CTNNB1-S3:WQQQSYLDS	268	>CTNNB1-S3:WQQQSYLDT	189	79
>CTNNB1-S3:WQQQSYLDS	431	>CTNNB1-S3:WQQQSYLDT	535	104
>CTNNB1-S3:WQQQSYLDS	187	>CTNNB1-S3:WQQQSYLDT	236	49
>CTNNB1-S3:HWQQQSYL	297	>CTNNB1-S3:HWQQQSYL	343	46
>CTNNB1-S3:SHWQQQSYL	17173	>CTNNB1-S3:SHWQQQSYL	30	17143
>CTNNB1-S3:SHWQQQSYL	22306	>CTNNB1-S3:SHWQQQSYL	329	21977
>CTNNB1-S3:SHWQQQSYL	23709	>CTNNB1-S3:SHWQQQSYL	186	23523
>CTNNB1-S3:SHWQQQSYL	7629	>CTNNB1-S3:SHWQQQSYL	67	7562
>CTNNB1-S3:YLDSGIHSGA	78	>CTNNB1-S3:YLDYGIHSGA	67	11
>CTNNB1-S3:YLDSGIHSGA	212	>CTNNB1-S3:YLDYGIHSGA	281	69
>CTNNB1-S3:YLDSGIHSG	278	>CTNNB1-S3:YLDYGIHSG	596	318
>CTNNB1-S3:YLDSGIHSGA	24	>CTNNB1-S3:YLDYGIHSGA	45	21
>CTNNB1-S3:YLDSGIHSGA	284	>CTNNB1-S3:YLDYGIHSGA	420	136
>CTNNB1-S3:YLDSGIHSGA	32	>CTNNB1-S3:YLDYGIHSGA	51	19
>CTNNB1-S3:YLDSGIHSGA	78	>CTNNB1-S3:YLDYGIHSGA	164	86
>CTNNB1-S3:YLDSGIHS	419	>CTNNB1-S3:YLDYGIHS	686	267
>CTNNB1-S3:YLDSGIHSGA	280	>CTNNB1-S3:YLDYGIHSGA	264	16
>CTNNB1-S3:YLDSGIHSGA	178	>CTNNB1-S3:YLDYGIHSGA	300	122
>CTNNB1-S3:YLDSGIHS	47	>CTNNB1-S3:YLDYGIHS	140	93
>CTNNB1-S3:YLDSGIHSG	15	>CTNNB1-S3:YLDYGIHSG	63	48
>CTNNB1-S3:YLDSGIHSGA	2	>CTNNB1-S3:YLDYGIHSGA	4	2
>CTNNB1-S3:YLDSGIHSGA	12	>CTNNB1-S3:YLDYGIHSGA	37	25
>CTNNB1-S3:YLDSGIHS	395	>CTNNB1-S3:YLDYGIHS	428	33
>CTNNB1-S3:YLDSGIHSG	139	>CTNNB1-S3:YLDYGIHSG	174	35
>CTNNB1-S3:YLDSGIHSGA	8	>CTNNB1-S3:YLDYGIHSGA	10	2
>CTNNB1-S3:YLDSGIHSGA	83	>CTNNB1-S3:YLDYGIHSGA	109	26
>CTNNB1-S3:YLDSGIHS	101	>CTNNB1-S3:YLDYGIHS	392	291
>CTNNB1-S3:YLDSGIHSG	140	>CTNNB1-S3:YLDYGIHSG	623	483
>CTNNB1-S3:YLDSGIHSGA	7	>CTNNB1-S3:YLDYGIHSGA	10	3
>CTNNB1-S3:YLDSGIHSGA	121	>CTNNB1-S3:YLDYGIHSGA	342	221
>CTNNB1-S3:YLDSGIHSGA	7	>CTNNB1-S3:YLDYGIHSGA	19	12
>CTNNB1-S3:YLDSGIHSGA	255	>CTNNB1-S3:YLDYGIHSGA	896	641
>CTNNB1-S3:YLDSGIHS	66	>CTNNB1-S3:YLDYGIHS	289	223
>CTNNB1-S3:YLDSGIHSG	13	>CTNNB1-S3:YLDYGIHSG	75	62

>CTNNB1-S3:YLDSEIHSQA	2	>CTNNB1-S3:YLDYGIHSQA	4	2
>CTNNB1-S3:YLDSEIHSQA	36	>CTNNB1-S3:YLDYGIHSQA	126	90
>CTNNB1-S3:SYLDSEIHSQA	410	>CTNNB1-S3:SYLDYGIHSQA	483	73
>CTNNB1-S3:QSYLDSEI	1029	>CTNNB1-S3:QSYLDYGI	326	703
>CTNNB1-S3:QSYLDSEI	46	>CTNNB1-S3:QSYLDYGI	168	122
>CTNNB1-S3:QSYLDSEI	22	>CTNNB1-S3:QSYLDYGI	38	16
>CTNNB1-S3:QQSYLDSEI	2469	>CTNNB1-S3:QQSYLDYGI	474	1995
>CTNNB1-S3:QQSYLDSEI	1017	>CTNNB1-S3:QQSYLDYGI	332	685
>CTNNB1-S3:QQSYLDSEI	4403	>CTNNB1-S3:QQSYLDYGI	177	4226
>CTNNB1-S3:QQSYLDSEI	417	>CTNNB1-S3:QQSYLDYGI	1190	773
>CTNNB1-S3:QQQSYLDSEI	1088	>CTNNB1-S3:QQQSYLDYGI	469	619
>CTNNB1-S3:QQQSYLDSEI	2186	>CTNNB1-S3:QQQSYLDYGI	486	1700
>CTNNB1-S3:QQQSYLDS	23904	>CTNNB1-S3:QQQSYLDY	351	23553
>CTNNB1-S3:QQQSYLDS	28495	>CTNNB1-S3:QQQSYLDY	435	28060
>CTNNB1-S3:QQQSYLDS	13343	>CTNNB1-S3:QQQSYLDY	82	13261
>CTNNB1-S3:QQQSYLDS	25703	>CTNNB1-S3:QQQSYLDY	341	25362
>CTNNB1-S3:QQQSYLDS	4426	>CTNNB1-S3:QQQSYLDY	18	4408
>CTNNB1-S3:QQQSYLDSEI	381	>CTNNB1-S3:QQQSYLDYGI	836	455
>CTNNB1-S3:WQQQSYLDS	268	>CTNNB1-S3:WQQQSYLDY	153	115
>CTNNB1-S3:WQQQSYLDS	22645	>CTNNB1-S3:WQQQSYLDY	155	22490
>CTNNB1-S3:WQQQSYLDS	7265	>CTNNB1-S3:WQQQSYLDY	44	7221
>CTNNB1-S3:WQQQSYLDS	431	>CTNNB1-S3:WQQQSYLDY	682	251
>CTNNB1-S3:WQQQSYLDS	14970	>CTNNB1-S3:WQQQSYLDY	59	14911
>CTNNB1-S3:WQQQSYLDS	1891	>CTNNB1-S3:WQQQSYLDY	7	1884
>CTNNB1-S3:WQQQSYLDS	187	>CTNNB1-S3:WQQQSYLDY	343	156
>CTNNB1-S3:HWQQQSYLLE	22727	>CTNNB1-S3:HWQQQSYLLE	119	22608
>CTNNB1-S3:HWQQQSYLLE	26225	>CTNNB1-S3:HWQQQSYLLE	398	25827
>CTNNB1-S3:HWQQQSYLLE	25789	>CTNNB1-S3:HWQQQSYLLE	270	25519
>CTNNB1-S3:HWQQQSYLLE	12747	>CTNNB1-S3:HWQQQSYLLE	424	12323
>CTNNB1-S3:HWQQQSYLLE	297	>CTNNB1-S3:HWQQQSYLLE	174	123
>CTNNB1-S3:HSGATTTAPS	1270	>CTNNB1-S3:HAGATTTAPS	405	865
>CTNNB1-S3:HSGATTTAPS	33	>CTNNB1-S3:HAGATTTAPS	247	214
>CTNNB1-S3:HSGATTTAPS	506	>CTNNB1-S3:HAGATTTAPS	455	51
>CTNNB1-S3:GIHSGATTTA	432	>CTNNB1-S3:GIHAGATTTA	680	248
>CTNNB1-S3:GIHSGATTTA	276	>CTNNB1-S3:GIHAGATTTA	268	8
>CTNNB1-S3:GIHSGATTTA	362	>CTNNB1-S3:GIHAGATTTA	303	59
>CTNNB1-S3:YLDSEIHS	603	>CTNNB1-S3:YLDSEIHA	19	584
>CTNNB1-S3:YLDSEIHSQA	78	>CTNNB1-S3:YLDSEIHAGA	50	28
>CTNNB1-S3:YLDSEIHSQA	212	>CTNNB1-S3:YLDSEIHAGA	313	101
>CTNNB1-S3:YLDSEIHS	1509	>CTNNB1-S3:YLDSEIHA	64	1445
>CTNNB1-S3:YLDSEIHS	278	>CTNNB1-S3:YLDSEIHAG	301	23
>CTNNB1-S3:YLDSEIHSQA	24	>CTNNB1-S3:YLDSEIHAGA	25	1
>CTNNB1-S3:YLDSEIHSQA	284	>CTNNB1-S3:YLDSEIHAGA	455	171

>CTNNB1-S3' YLDSGIHS	2792	>CTNNB1-S3' YLDSGIHA	44	2748
>CTNNB1-S3' YLDSGIHSGA	32	>CTNNB1-S3' YLDSGIHAGA	36	4
>CTNNB1-S3' YLDSGIHSGA'	78	>CTNNB1-S3' YLDSGIHAGA	109	31
>CTNNB1-S3' YLDSGIHS	419	>CTNNB1-S3' YLDSGIHA	20	399
>CTNNB1-S3' YLDSGIHSG	570	>CTNNB1-S3' YLDSGIHAG	375	195
>CTNNB1-S3' YLDSGIHSGA	280	>CTNNB1-S3' YLDSGIHAGA	291	11
>CTNNB1-S3' YLDSGIHSGA'	178	>CTNNB1-S3' YLDSGIHAGA	180	2
>CTNNB1-S3' YLDSGIHS	47	>CTNNB1-S3' YLDSGIHA	4	43
>CTNNB1-S3' YLDSGIHSG	15	>CTNNB1-S3' YLDSGIHAG	13	2
>CTNNB1-S3' YLDSGIHSGA	2	>CTNNB1-S3' YLDSGIHAGA	2	0
>CTNNB1-S3' YLDSGIHSGA'	12	>CTNNB1-S3' YLDSGIHAGA	14	2
>CTNNB1-S3' YLDSGIHS	395	>CTNNB1-S3' YLDSGIHA	6	389
>CTNNB1-S3' YLDSGIHSG	139	>CTNNB1-S3' YLDSGIHAG	76	63
>CTNNB1-S3' YLDSGIHSGA	8	>CTNNB1-S3' YLDSGIHAGA	6	2
>CTNNB1-S3' YLDSGIHSGA'	83	>CTNNB1-S3' YLDSGIHAGA	121	38
>CTNNB1-S3' YLDSGIHS	101	>CTNNB1-S3' YLDSGIHA	6	95
>CTNNB1-S3' YLDSGIHSG	140	>CTNNB1-S3' YLDSGIHAG	255	115
>CTNNB1-S3' YLDSGIHSGA	7	>CTNNB1-S3' YLDSGIHAGA	6	1
>CTNNB1-S3' YLDSGIHSGA'	121	>CTNNB1-S3' YLDSGIHAGA	152	31
>CTNNB1-S3' YLDSGIHS	2599	>CTNNB1-S3' YLDSGIHA	33	2566
>CTNNB1-S3' YLDSGIHSGA	7	>CTNNB1-S3' YLDSGIHAGA	5	2
>CTNNB1-S3' YLDSGIHSGA'	255	>CTNNB1-S3' YLDSGIHAGA	314	59
>CTNNB1-S3' YLDSGIHS	66	>CTNNB1-S3' YLDSGIHA	3	63
>CTNNB1-S3' YLDSGIHSG	13	>CTNNB1-S3' YLDSGIHAG	28	15
>CTNNB1-S3' YLDSGIHSGA	2	>CTNNB1-S3' YLDSGIHAGA	2	0
>CTNNB1-S3' YLDSGIHSGA'	36	>CTNNB1-S3' YLDSGIHAGA	40	4
>CTNNB1-S3' YLDSGIHSGA	554	>CTNNB1-S3' YLDSGIHAGA	248	306
>CTNNB1-S3' SYLDSGIHS	3574	>CTNNB1-S3' SYLDSGIHA	303	3271
>CTNNB1-S3' SYLDSGIHSG/	410	>CTNNB1-S3' SYLDSGIHAG/	484	74
>CTNNB1-S3' HSGATTTAPS	33	>CTNNB1-S3' HCGATTTAPS	14396	14363
>CTNNB1-S3' GIHSGATTTA	432	>CTNNB1-S3' GIHCGATTTA	1157	725
>CTNNB1-S3' GIHSGATTTA	276	>CTNNB1-S3' GIHCGATTTA	641	365
>CTNNB1-S3' GIHSGATTTA	362	>CTNNB1-S3' GIHCGATTTA	1828	1466
>CTNNB1-S3' YLDSGIHSGA	78	>CTNNB1-S3' YLDSGIHCGA	60	18
>CTNNB1-S3' YLDSGIHSGA'	212	>CTNNB1-S3' YLDSGIHCGA	231	19
>CTNNB1-S3' YLDSGIHSG	278	>CTNNB1-S3' YLDSGIHCG	938	660
>CTNNB1-S3' YLDSGIHSGA	24	>CTNNB1-S3' YLDSGIHCGA	29	5
>CTNNB1-S3' YLDSGIHSGA'	284	>CTNNB1-S3' YLDSGIHCGA	441	157
>CTNNB1-S3' YLDSGIHSGA	32	>CTNNB1-S3' YLDSGIHCGA	46	14
>CTNNB1-S3' YLDSGIHSGA'	78	>CTNNB1-S3' YLDSGIHCGA	149	71
>CTNNB1-S3' YLDSGIHS	419	>CTNNB1-S3' YLDSGIHC	243	176
>CTNNB1-S3' YLDSGIHSGA	280	>CTNNB1-S3' YLDSGIHCGA	278	2
>CTNNB1-S3' YLDSGIHSGA'	178	>CTNNB1-S3' YLDSGIHCGA	252	74



>CTNNB1-S3' YLDSGIHS	47	>CTNNB1-S3' YLDSGIHC	7	40
>CTNNB1-S3' YLDSGIHSG	15	>CTNNB1-S3' YLDSGIHCG	59	44
>CTNNB1-S3' YLDSGIHSGA	2	>CTNNB1-S3' YLDSGIHCGA	2	0
>CTNNB1-S3' YLDSGIHSGA'	12	>CTNNB1-S3' YLDSGIHCGA	28	16
>CTNNB1-S3' YLDSGIHS	395	>CTNNB1-S3' YLDSGIHC	18	377
>CTNNB1-S3' YLDSGIHSG	139	>CTNNB1-S3' YLDSGIHCG	210	71
>CTNNB1-S3' YLDSGIHSGA	8	>CTNNB1-S3' YLDSGIHCGA	7	1
>CTNNB1-S3' YLDSGIHSGA'	83	>CTNNB1-S3' YLDSGIHCGA	285	202
>CTNNB1-S3' YLDSGIHS	101	>CTNNB1-S3' YLDSGIHC	22	79
>CTNNB1-S3' YLDSGIHSG	140	>CTNNB1-S3' YLDSGIHCG	118	22
>CTNNB1-S3' YLDSGIHSGA	7	>CTNNB1-S3' YLDSGIHCGA	5	2
>CTNNB1-S3' YLDSGIHSGA'	121	>CTNNB1-S3' YLDSGIHCGA	197	76
>CTNNB1-S3' YLDSGIHS	2599	>CTNNB1-S3' YLDSGIHC	139	2460
>CTNNB1-S3' YLDSGIHSGA	7	>CTNNB1-S3' YLDSGIHCGA	5	2
>CTNNB1-S3' YLDSGIHSGA'	255	>CTNNB1-S3' YLDSGIHCGA	378	123
>CTNNB1-S3' YLDSGIHS	66	>CTNNB1-S3' YLDSGIHC	6	60
>CTNNB1-S3' YLDSGIHSG	13	>CTNNB1-S3' YLDSGIHCG	79	66
>CTNNB1-S3' YLDSGIHSGA	2	>CTNNB1-S3' YLDSGIHCGA	2	0
>CTNNB1-S3' YLDSGIHSGA'	36	>CTNNB1-S3' YLDSGIHCGA	47	11
>CTNNB1-S3' SYLDSGIHSG/	410	>CTNNB1-S3' SYLDSGIHCG/	547	137
>CTNNB1-S3' SGATTTAPSL	741	>CTNNB1-S3' FGATTTAPSL	108	633
>CTNNB1-S3' HSGATTTAPS	15711	>CTNNB1-S3' HFGATTTAPS	180	15531
>CTNNB1-S3' HSGATTTAPS	33	>CTNNB1-S3' HFGATTTAPS	24568	24535
>CTNNB1-S3' QQSYLDSGIH	4497	>CTNNB1-S3' QQSYLDSGIH	36	4461
>CTNNB1-S3' QQSYLDSGIH	3255	>CTNNB1-S3' QQSYLDSGIH	6	3249
>CTNNB1-S3' GIHSGATTTA	432	>CTNNB1-S3' GIHFGATTTA	1488	1056
>CTNNB1-S3' GIHSGATTTA	276	>CTNNB1-S3' GIHFGATTTA	765	489
>CTNNB1-S3' GIHSGATTTA	362	>CTNNB1-S3' GIHFGATTTA	1164	802
>CTNNB1-S3' YLDSGIHSG	773	>CTNNB1-S3' YLDSGIHFG	289	484
>CTNNB1-S3' YLDSGIHSGA	78	>CTNNB1-S3' YLDSGIHFGA	17	61
>CTNNB1-S3' YLDSGIHSGA'	212	>CTNNB1-S3' YLDSGIHFGA'	140	72
>CTNNB1-S3' YLDSGIHSG	278	>CTNNB1-S3' YLDSGIHFG	71	207
>CTNNB1-S3' YLDSGIHSGA	24	>CTNNB1-S3' YLDSGIHFGA	15	9
>CTNNB1-S3' YLDSGIHSGA'	284	>CTNNB1-S3' YLDSGIHFGA'	177	107
>CTNNB1-S3' YLDSGIHSGA	32	>CTNNB1-S3' YLDSGIHFGA	83	51
>CTNNB1-S3' YLDSGIHSGA'	78	>CTNNB1-S3' YLDSGIHFGA'	58	20
>CTNNB1-S3' YLDSGIHS	419	>CTNNB1-S3' YLDSGIHF	152	267
>CTNNB1-S3' YLDSGIHSG	570	>CTNNB1-S3' YLDSGIHFG	378	192
>CTNNB1-S3' YLDSGIHSGA	280	>CTNNB1-S3' YLDSGIHFGA	113	167
>CTNNB1-S3' YLDSGIHSGA'	178	>CTNNB1-S3' YLDSGIHFGA'	49	129
>CTNNB1-S3' YLDSGIHS	47	>CTNNB1-S3' YLDSGIHF	38	9
>CTNNB1-S3' YLDSGIHSG	15	>CTNNB1-S3' YLDSGIHFG	10	5
>CTNNB1-S3' YLDSGIHSGA	2	>CTNNB1-S3' YLDSGIHFGA	2	0

>CTNNB1-S3' YLDSGIHSGA'	12	>CTNNB1-S3' YLDSGIHFGA'	10	2
>CTNNB1-S3' YLDSGIHS	395	>CTNNB1-S3' YLDSGIHF	382	13
>CTNNB1-S3' YLDSGIHSG	139	>CTNNB1-S3' YLDSGIHFG	107	32
>CTNNB1-S3' YLDSGIHSGA	8	>CTNNB1-S3' YLDSGIHFGA	4	4
>CTNNB1-S3' YLDSGIHSGA'	83	>CTNNB1-S3' YLDSGIHFGA'	100	17
>CTNNB1-S3' YLDSGIHS	101	>CTNNB1-S3' YLDSGIHF	320	219
>CTNNB1-S3' YLDSGIHSG	140	>CTNNB1-S3' YLDSGIHFG	35	105
>CTNNB1-S3' YLDSGIHSGA	7	>CTNNB1-S3' YLDSGIHFGA	5	2
>CTNNB1-S3' YLDSGIHSGA'	121	>CTNNB1-S3' YLDSGIHFGA'	133	12
>CTNNB1-S3' YLDSGIHSG	1226	>CTNNB1-S3' YLDSGIHFG	455	771
>CTNNB1-S3' YLDSGIHSGA	7	>CTNNB1-S3' YLDSGIHFGA	3	4
>CTNNB1-S3' YLDSGIHSGA'	255	>CTNNB1-S3' YLDSGIHFGA'	290	35
>CTNNB1-S3' YLDSGIHS	66	>CTNNB1-S3' YLDSGIHF	128	62
>CTNNB1-S3' YLDSGIHSG	13	>CTNNB1-S3' YLDSGIHFG	19	6
>CTNNB1-S3' YLDSGIHSGA	2	>CTNNB1-S3' YLDSGIHFGA	2	0
>CTNNB1-S3' YLDSGIHSGA'	36	>CTNNB1-S3' YLDSGIHFGA'	27	9
>CTNNB1-S3' YLDSGIHSGA	554	>CTNNB1-S3' YLDSGIHFGA	92	462
>CTNNB1-S3' YLDSGIHS	16129	>CTNNB1-S3' YLDSGIHF	183	15946
>CTNNB1-S3' YLDSGIHS	17249	>CTNNB1-S3' YLDSGIHF	166	17083
>CTNNB1-S3' YLDSGIHS	20483	>CTNNB1-S3' YLDSGIHF	341	20142
>CTNNB1-S3' SYLDSGIHS	22449	>CTNNB1-S3' SYLDSGIHF	105	22344
>CTNNB1-S3' SYLDSGIHS	23640	>CTNNB1-S3' SYLDSGIHF	426	23214
>CTNNB1-S3' SYLDSGIHS	5646	>CTNNB1-S3' SYLDSGIHF	6	5640
>CTNNB1-S3' SYLDSGIHS	21091	>CTNNB1-S3' SYLDSGIHF	209	20882
>CTNNB1-S3' SYLDSGIHSG/	410	>CTNNB1-S3' SYLDSGIHFG/	372	38
>CTNNB1-S3' QSYLDSGIHS	14435	>CTNNB1-S3' QSYLDSGIHF	162	14273
>CTNNB1-S3' QSYLDSGIHS	9763	>CTNNB1-S3' QSYLDSGIHF	37	9726
>CTNNB1-S3' QSYLDSGIHS	5959	>CTNNB1-S3' QSYLDSGIHF	5	5954
>CTNNB1-S3' QSYLDSGIHS	20586	>CTNNB1-S3' QSYLDSGIHF	404	20182
>CTNNB1-S3' QSYLDSGIHS	11123	>CTNNB1-S3' QSYLDSGIHF	65	11058
>CTNNB1-S3' HSGATTTAPS	27187	>CTNNB1-S3' HPGATTTAPS	83	27104
>CTNNB1-S3' HSGATTTA	22628	>CTNNB1-S3' HPGATTTA	268	22360
>CTNNB1-S3' HSGATTTAPS	5984	>CTNNB1-S3' HPGATTTAPS	30	5954
>CTNNB1-S3' HSGATTTAPS	33	>CTNNB1-S3' HPGATTTAPS	19122	19089
>CTNNB1-S3' HSGATTTA	14137	>CTNNB1-S3' HPGATTTA	312	13825
>CTNNB1-S3' HSGATTTAPS	6245	>CTNNB1-S3' HPGATTTAPS	104	6141
>CTNNB1-S3' HSGATTTAPS	506	>CTNNB1-S3' HPGATTTAPS	35	471
>CTNNB1-S3' HSGATTTA	27780	>CTNNB1-S3' HPGATTTA	291	27489
>CTNNB1-S3' GIHSGATTTA	432	>CTNNB1-S3' GIHPGATTTA	1189	757
>CTNNB1-S3' GIHSGATTTA	276	>CTNNB1-S3' GIHPGATTTA	468	192
>CTNNB1-S3' GIHSGATTTA	362	>CTNNB1-S3' GIHPGATTTA	114	248
>CTNNB1-S3' YLDSGIHSG	773	>CTNNB1-S3' YLDSGIHPG	362	411
>CTNNB1-S3' YLDSGIHSGA	78	>CTNNB1-S3' YLDSGIHPGA	35	43

>CTNNB1-S3' YLDSGIHSGA'	212	>CTNNB1-S3' YLDSGIHPGA'	201	11
>CTNNB1-S3' YLDSGIHSG	278	>CTNNB1-S3' YLDSGIHPG	226	52
>CTNNB1-S3' YLDSGIHSGA	24	>CTNNB1-S3' YLDSGIHPGA	42	18
>CTNNB1-S3' YLDSGIHSGA'	284	>CTNNB1-S3' YLDSGIHPGA'	406	122
>CTNNB1-S3' YLDSGIHSGA	32	>CTNNB1-S3' YLDSGIHPGA	83	51
>CTNNB1-S3' YLDSGIHSGA'	78	>CTNNB1-S3' YLDSGIHPGA'	65	13
>CTNNB1-S3' YLDSGIHS	419	>CTNNB1-S3' YLDSGIHP	2114	1695
>CTNNB1-S3' YLDSGIHSG	570	>CTNNB1-S3' YLDSGIHPG	238	332
>CTNNB1-S3' YLDSGIHSGA	280	>CTNNB1-S3' YLDSGIHPGA	139	141
>CTNNB1-S3' YLDSGIHSGA'	178	>CTNNB1-S3' YLDSGIHPGA'	350	172
>CTNNB1-S3' YLDSGIHS	47	>CTNNB1-S3' YLDSGIHP	289	242
>CTNNB1-S3' YLDSGIHSG	15	>CTNNB1-S3' YLDSGIHPG	14	1
>CTNNB1-S3' YLDSGIHSGA	2	>CTNNB1-S3' YLDSGIHPGA	2	0
>CTNNB1-S3' YLDSGIHSGA'	12	>CTNNB1-S3' YLDSGIHPGA'	8	4
>CTNNB1-S3' YLDSGIHS	395	>CTNNB1-S3' YLDSGIHP	2087	1692
>CTNNB1-S3' YLDSGIHSG	139	>CTNNB1-S3' YLDSGIHPG	57	82
>CTNNB1-S3' YLDSGIHSGA	8	>CTNNB1-S3' YLDSGIHPGA	9	1
>CTNNB1-S3' YLDSGIHSGA'	83	>CTNNB1-S3' YLDSGIHPGA'	105	22
>CTNNB1-S3' YLDSGIHS	101	>CTNNB1-S3' YLDSGIHP	785	684
>CTNNB1-S3' YLDSGIHSG	140	>CTNNB1-S3' YLDSGIHPG	111	29
>CTNNB1-S3' YLDSGIHSGA	7	>CTNNB1-S3' YLDSGIHPGA	5	2
>CTNNB1-S3' YLDSGIHSGA'	121	>CTNNB1-S3' YLDSGIHPGA'	135	14
>CTNNB1-S3' YLDSGIHSGA	7	>CTNNB1-S3' YLDSGIHPGA	4	3
>CTNNB1-S3' YLDSGIHSGA'	255	>CTNNB1-S3' YLDSGIHPGA'	296	41
>CTNNB1-S3' YLDSGIHS	66	>CTNNB1-S3' YLDSGIHP	629	563
>CTNNB1-S3' YLDSGIHSG	13	>CTNNB1-S3' YLDSGIHPG	24	11
>CTNNB1-S3' YLDSGIHSGA	2	>CTNNB1-S3' YLDSGIHPGA	2	0
>CTNNB1-S3' YLDSGIHSGA'	36	>CTNNB1-S3' YLDSGIHPGA'	50	14
>CTNNB1-S3' YLDSGIHSGA	554	>CTNNB1-S3' YLDSGIHPGA	117	437
>CTNNB1-S3' SYLDSGIHSG/	1218	>CTNNB1-S3' SYLDSGIHPG/	434	784
>CTNNB1-S3' SYLDSGIHSG/	410	>CTNNB1-S3' SYLDSGIHPG/	454	44
>CTNNB1-S3' SGATTTAPSL	741	>CTNNB1-S3' TGATTTAPSL	321	420
>CTNNB1-S3' HSGATTTAPS	2771	>CTNNB1-S3' HTGATTTAPS	433	2338
>CTNNB1-S3' HSGATTTAPS	984	>CTNNB1-S3' HTGATTTAPS	250	734
>CTNNB1-S3' HSGATTTA	4911	>CTNNB1-S3' HTGATTTA	488	4423
>CTNNB1-S3' HSGATTTAPS	1270	>CTNNB1-S3' HTGATTTAPS	65	1205
>CTNNB1-S3' HSGATTTAPS	33	>CTNNB1-S3' HTGATTTAPS	23	10
>CTNNB1-S3' HSGATTTAPS	654	>CTNNB1-S3' HTGATTTAPS	375	279
>CTNNB1-S3' GIHSGATTTA	432	>CTNNB1-S3' GIHTGATTTA	889	457
>CTNNB1-S3' GIHSGATTTA	276	>CTNNB1-S3' GIHTGATTTA	399	123
>CTNNB1-S3' GIHSGATTTA	362	>CTNNB1-S3' GIHTGATTTA	643	281
>CTNNB1-S3' YLDSGIHS	603	>CTNNB1-S3' YLDSGIHT	76	527
>CTNNB1-S3' YLDSGIHSGA	78	>CTNNB1-S3' YLDSGIHTGA	53	25

>CTNNB1-S3' YLDSGIHSGA'	212	>CTNNB1-S3' YLDSGIHTGA'	176	36
>CTNNB1-S3' YLDSGIHSG	278	>CTNNB1-S3' YLDSGIHTG	708	430
>CTNNB1-S3' YLDSGIHSGA	24	>CTNNB1-S3' YLDSGIHTGA	26	2
>CTNNB1-S3' YLDSGIHSGA'	284	>CTNNB1-S3' YLDSGIHTGA'	253	31
>CTNNB1-S3' YLDSGIHSGA	32	>CTNNB1-S3' YLDSGIHTGA	39	7
>CTNNB1-S3' YLDSGIHSGA'	78	>CTNNB1-S3' YLDSGIHTGA'	58	20
>CTNNB1-S3' YLDSGIHS	419	>CTNNB1-S3' YLDSGIHT	100	319
>CTNNB1-S3' YLDSGIHSGA	280	>CTNNB1-S3' YLDSGIHTGA	278	2
>CTNNB1-S3' YLDSGIHSGA'	178	>CTNNB1-S3' YLDSGIHTGA'	170	8
>CTNNB1-S3' YLDSGIHS	47	>CTNNB1-S3' YLDSGIHT	11	36
>CTNNB1-S3' YLDSGIHSG	15	>CTNNB1-S3' YLDSGIHTG	9	6
>CTNNB1-S3' YLDSGIHSGA	2	>CTNNB1-S3' YLDSGIHTGA	3	1
>CTNNB1-S3' YLDSGIHSGA'	12	>CTNNB1-S3' YLDSGIHTGA'	11	1
>CTNNB1-S3' YLDSGIHS	395	>CTNNB1-S3' YLDSGIHT	43	352
>CTNNB1-S3' YLDSGIHSG	139	>CTNNB1-S3' YLDSGIHTG	55	84
>CTNNB1-S3' YLDSGIHSGA	8	>CTNNB1-S3' YLDSGIHTGA	11	3
>CTNNB1-S3' YLDSGIHSGA'	83	>CTNNB1-S3' YLDSGIHTGA'	72	11
>CTNNB1-S3' YLDSGIHS	101	>CTNNB1-S3' YLDSGIHT	14	87
>CTNNB1-S3' YLDSGIHSG	140	>CTNNB1-S3' YLDSGIHTG	63	77
>CTNNB1-S3' YLDSGIHSGA	7	>CTNNB1-S3' YLDSGIHTGA	6	1
>CTNNB1-S3' YLDSGIHSGA'	121	>CTNNB1-S3' YLDSGIHTGA'	113	8
>CTNNB1-S3' YLDSGIHS	2599	>CTNNB1-S3' YLDSGIHT	214	2385
>CTNNB1-S3' YLDSGIHSGA	7	>CTNNB1-S3' YLDSGIHTGA	7	0
>CTNNB1-S3' YLDSGIHSGA'	255	>CTNNB1-S3' YLDSGIHTGA'	190	65
>CTNNB1-S3' YLDSGIHS	66	>CTNNB1-S3' YLDSGIHT	9	57
>CTNNB1-S3' YLDSGIHSG	13	>CTNNB1-S3' YLDSGIHTG	11	2
>CTNNB1-S3' YLDSGIHSGA	2	>CTNNB1-S3' YLDSGIHTGA	2	0
>CTNNB1-S3' YLDSGIHSGA'	36	>CTNNB1-S3' YLDSGIHTGA'	26	10
>CTNNB1-S3' SYLDSGIHSG/	410	>CTNNB1-S3' SYLDSGIHTG/	485	75
>CTNNB1-S3' SGATTTAPSL	741	>CTNNB1-S3' YGATTTAPSL	100	641
>CTNNB1-S3' HSGATTTAPS	11547	>CTNNB1-S3' HYGATTTAPS	61	11486
>CTNNB1-S3' HSGATTTAPS	15711	>CTNNB1-S3' HYGATTTAPS	13	15698
>CTNNB1-S3' HSGATTTAPS	33	>CTNNB1-S3' HYGATTTAPS	23287	23254
>CTNNB1-S3' HSGATTTAPS	506	>CTNNB1-S3' HYGATTTAPS	495	11
>CTNNB1-S3' QQSYLDSGIH	24026	>CTNNB1-S3' QQSYLDSGIH	426	23600
>CTNNB1-S3' QQSYLDSGIH	26039	>CTNNB1-S3' QQSYLDSGIH	224	25815
>CTNNB1-S3' QQSYLDSGIH	4497	>CTNNB1-S3' QQSYLDSGIH	39	4458
>CTNNB1-S3' QQSYLDSGIH	24277	>CTNNB1-S3' QQSYLDSGIH	348	23929
>CTNNB1-S3' QQSYLDSGIH	3255	>CTNNB1-S3' QQSYLDSGIH	16	3239
>CTNNB1-S3' GIHSGATTTA	432	>CTNNB1-S3' GIHYGATTTA	1077	645
>CTNNB1-S3' GIHSGATTTA	276	>CTNNB1-S3' GIHYGATTTA	406	130
>CTNNB1-S3' GIHSGATTTA	362	>CTNNB1-S3' GIHYGATTTA	2025	1663
>CTNNB1-S3' YLDSGIHS	9233	>CTNNB1-S3' YLDSGIHY	19	9214

>CTNNB1-S3' YLDSGIHSG	773	>CTNNB1-S3' YLDSGIHYG	169	604
>CTNNB1-S3' YLDSGIHSGA	78	>CTNNB1-S3' YLDSGIHYGA	18	60
>CTNNB1-S3' YLDSGIHSGA'	212	>CTNNB1-S3' YLDSGIHYGA'	202	10
>CTNNB1-S3' YLDSGIHSG	278	>CTNNB1-S3' YLDSGIHYG	73	205
>CTNNB1-S3' YLDSGIHSGA	24	>CTNNB1-S3' YLDSGIHYGA	14	10
>CTNNB1-S3' YLDSGIHSGA'	284	>CTNNB1-S3' YLDSGIHYGA'	226	58
>CTNNB1-S3' YLDSGIHSGA	32	>CTNNB1-S3' YLDSGIHYGA	71	39
>CTNNB1-S3' YLDSGIHSGA'	78	>CTNNB1-S3' YLDSGIHYGA'	58	20
>CTNNB1-S3' YLDSGIHS	419	>CTNNB1-S3' YLDSGIHY	1812	1393
>CTNNB1-S3' YLDSGIHSG	570	>CTNNB1-S3' YLDSGIHYG	348	222
>CTNNB1-S3' YLDSGIHSGA	280	>CTNNB1-S3' YLDSGIHYGA	88	192
>CTNNB1-S3' YLDSGIHSGA'	178	>CTNNB1-S3' YLDSGIHYGA'	140	38
>CTNNB1-S3' YLDSGIHS	47	>CTNNB1-S3' YLDSGIHY	148	101
>CTNNB1-S3' YLDSGIHSG	15	>CTNNB1-S3' YLDSGIHYG	5	10
>CTNNB1-S3' YLDSGIHSGA	2	>CTNNB1-S3' YLDSGIHYGA	2	0
>CTNNB1-S3' YLDSGIHSGA'	12	>CTNNB1-S3' YLDSGIHYGA'	10	2
>CTNNB1-S3' YLDSGIHS	395	>CTNNB1-S3' YLDSGIHY	1130	735
>CTNNB1-S3' YLDSGIHSG	139	>CTNNB1-S3' YLDSGIHYG	48	91
>CTNNB1-S3' YLDSGIHSGA	8	>CTNNB1-S3' YLDSGIHYGA	4	4
>CTNNB1-S3' YLDSGIHSGA'	83	>CTNNB1-S3' YLDSGIHYGA'	124	41
>CTNNB1-S3' YLDSGIHS	101	>CTNNB1-S3' YLDSGIHY	351	250
>CTNNB1-S3' YLDSGIHSG	140	>CTNNB1-S3' YLDSGIHYG	36	104
>CTNNB1-S3' YLDSGIHSGA	7	>CTNNB1-S3' YLDSGIHYGA	5	2
>CTNNB1-S3' YLDSGIHSGA'	121	>CTNNB1-S3' YLDSGIHYGA'	129	8
>CTNNB1-S3' YLDSGIHSG	1226	>CTNNB1-S3' YLDSGIHYG	133	1093
>CTNNB1-S3' YLDSGIHSGA	7	>CTNNB1-S3' YLDSGIHYGA	3	4
>CTNNB1-S3' YLDSGIHSGA'	255	>CTNNB1-S3' YLDSGIHYGA'	309	54
>CTNNB1-S3' YLDSGIHS	66	>CTNNB1-S3' YLDSGIHY	119	53
>CTNNB1-S3' YLDSGIHSG	13	>CTNNB1-S3' YLDSGIHYG	10	3
>CTNNB1-S3' YLDSGIHSGA	2	>CTNNB1-S3' YLDSGIHYGA	2	0
>CTNNB1-S3' YLDSGIHSGA'	36	>CTNNB1-S3' YLDSGIHYGA'	30	6
>CTNNB1-S3' YLDSGIHS	13894	>CTNNB1-S3' YLDSGIHY	63	13831
>CTNNB1-S3' YLDSGIHS	20913	>CTNNB1-S3' YLDSGIHY	385	20528
>CTNNB1-S3' YLDSGIHSGA	554	>CTNNB1-S3' YLDSGIHYGA	193	361
>CTNNB1-S3' YLDSGIHS	21602	>CTNNB1-S3' YLDSGIHY	30	21572
>CTNNB1-S3' YLDSGIHS	16129	>CTNNB1-S3' YLDSGIHY	152	15977
>CTNNB1-S3' YLDSGIHS	17249	>CTNNB1-S3' YLDSGIHY	66	17183
>CTNNB1-S3' YLDSGIHS	29707	>CTNNB1-S3' YLDSGIHY	217	29490
>CTNNB1-S3' SYLDSGIHS	13518	>CTNNB1-S3' SYLDSGIHY	32	13486
>CTNNB1-S3' SYLDSGIHS	25811	>CTNNB1-S3' SYLDSGIHY	127	25684
>CTNNB1-S3' SYLDSGIHSGA	410	>CTNNB1-S3' SYLDSGIHYGA	299	111
>CTNNB1-S3' QSYLDSGIHS	30523	>CTNNB1-S3' QSYLDSGIHY	262	30261
>CTNNB1-S3' QSYLDSGIHS	29430	>CTNNB1-S3' QSYLDSGIHY	157	29273

>CTNNB1-S3' QSYLDSGIHS	28690	>CTNNB1-S3' QSYLDSGIHY	238	28452
>CTNNB1-S3' QSYLDSGIHS	28044	>CTNNB1-S3' QSYLDSGIHY	300	27744
>CTNNB1-S3' QSYLDSGIHS	22990	>CTNNB1-S3' QSYLDSGIHY	82	22908
>CTNNB1-S3' QSYLDSGIHS	14435	>CTNNB1-S3' QSYLDSGIHY	126	14309
>CTNNB1-S3' QSYLDSGIHS	9763	>CTNNB1-S3' QSYLDSGIHY	129	9634
>CTNNB1-S3' QSYLDSGIHS	5959	>CTNNB1-S3' QSYLDSGIHY	6	5953
>CTNNB1-S3' QSYLDSGIHS	11123	>CTNNB1-S3' QSYLDSGIHY	60	11063
>CTNNB1-S4! APSLSGKGNF	1071	>CTNNB1-S4! APALS G KGNF	217	854
>CTNNB1-S4! TAPSLSGK	164	>CTNNB1-S4! TAPALSGK	264	100
>CTNNB1-S4! TTAPSLSGK	86	>CTNNB1-S4! TTAPALSGK	157	71
>CTNNB1-S4! TTAPSLSGK	10	>CTNNB1-S4! TTAPALSGK	16	6
>CTNNB1-S4! TTAPSLSGK	5	>CTNNB1-S4! TTAPALSGK	5	0
>CTNNB1-S4! TTAPSLSGK	198	>CTNNB1-S4! TTAPALSGK	609	411
>CTNNB1-S4! TTTAPSLSGK	59	>CTNNB1-S4! TTTAPALSGK	63	4
>CTNNB1-S4! TTTAPSLSGK	15	>CTNNB1-S4! TTTAPALSGK	16	1
>CTNNB1-S4! TTTAPSLSGK	439	>CTNNB1-S4! TTTAPALSGK	774	335
>CTNNB1-S4! TTTAPSLSGK	8	>CTNNB1-S4! TTTAPALSGK	10	2
>CTNNB1-S4! TTTAPSL	338	>CTNNB1-S4! TTTAPALS	252	86
>CTNNB1-S4! ATTTAPSLSGI	216	>CTNNB1-S4! ATTTAPALSG	308	92
>CTNNB1-S4! ATTTAPSLSGI	36	>CTNNB1-S4! ATTTAPALSG	44	8
>CTNNB1-S4! ATTTAPSL	838	>CTNNB1-S4! ATTTAPAL	397	441
>CTNNB1-S4! ATTTAPSLSGI	51	>CTNNB1-S4! ATTTAPALSG	38	13
>CTNNB1-S4! ATTTAPSLSGI	129	>CTNNB1-S4! ATTTAPALSG	140	11
>CTNNB1-S4! ATTTAPSL	16	>CTNNB1-S4! ATTTAPAL	20	4
>CTNNB1-S4! ATTTAPSL	535	>CTNNB1-S4! ATTTAPAL	246	289
>CTNNB1-S4! ATTTAPSL	362	>CTNNB1-S4! ATTTAPALS	4939	4577
>CTNNB1-S4! ATTTAPSLSGI	404	>CTNNB1-S4! ATTTAPALSG	568	164
>CTNNB1-S4! ATTTAPSL	368	>CTNNB1-S4! ATTTAPAL	1069	701
>CTNNB1-S4! GATTTAPSL	272	>CTNNB1-S4! GATTTAPAL	496	224
>CTNNB1-S4! GATTTAPSL	346	>CTNNB1-S4! GATTTAPAL	461	115
>CTNNB1-S4! SGATTTAPSL	741	>CTNNB1-S4! SGATTTAPAL	274	467
>CTNNB1-S4! HSGATTTAPS	2126	>CTNNB1-S4! HSGATTTAPA	212	1914
>CTNNB1-S4! HSGATTTAPS	33	>CTNNB1-S4! HSGATTTAPA	48	15
>CTNNB1-S4! HSGATTTAPS	506	>CTNNB1-S4! HSGATTTAPA	163	343
>CTNNB1-S4! TAPSLSGK	164	>CTNNB1-S4! TAPCLSGK	361	197
>CTNNB1-S4! TTAPSLSGK	86	>CTNNB1-S4! TTAPCLSGK	126	40
>CTNNB1-S4! TTAPSLSGK	10	>CTNNB1-S4! TTAPCLSGK	16	6
>CTNNB1-S4! TTAPSLSGK	5	>CTNNB1-S4! TTAPCLSGK	8	3
>CTNNB1-S4! TTAPSLSGK	198	>CTNNB1-S4! TTAPCLSGK	286	88
>CTNNB1-S4! TTTAPSLSGK	59	>CTNNB1-S4! TTTAPCLSGK	70	11
>CTNNB1-S4! TTTAPSLSGK	15	>CTNNB1-S4! TTTAPCLSGK	22	7
>CTNNB1-S4! TTTAPSLSGK	439	>CTNNB1-S4! TTTAPCLSGK	2113	1674
>CTNNB1-S4! TTTAPSLSGK	8	>CTNNB1-S4! TTTAPCLSGK	21	13

>CTNNB1-S4:TTTAPSL	338	>CTNNB1-S4:TTTAPCLS	777	439
>CTNNB1-S4:ATTTAPSLSGI	216	>CTNNB1-S4:ATTTAPCLSG	325	109
>CTNNB1-S4:ATTTAPSLSGI	36	>CTNNB1-S4:ATTTAPCLSG	43	7
>CTNNB1-S4:ATTTAPSLSGI	51	>CTNNB1-S4:ATTTAPCLSG	78	27
>CTNNB1-S4:ATTTAPSLSGI	129	>CTNNB1-S4:ATTTAPCLSG	215	86
>CTNNB1-S4:ATTTAPSL	16	>CTNNB1-S4:ATTTAPCL	133	117
>CTNNB1-S4:ATTTAPSL	535	>CTNNB1-S4:ATTTAPCL	289	246
>CTNNB1-S4:ATTTAPSL	362	>CTNNB1-S4:ATTTAPCLS	10670	10308
>CTNNB1-S4:ATTTAPSLSGI	404	>CTNNB1-S4:ATTTAPCLSG	412	8
>CTNNB1-S4:ATTTAPSL	368	>CTNNB1-S4:ATTTAPCL	1710	1342
>CTNNB1-S4:GATTTAPSL	272	>CTNNB1-S4:GATTTAPCL	5504	5232
>CTNNB1-S4:GATTTAPSL	346	>CTNNB1-S4:GATTTAPCL	1488	1142
>CTNNB1-S4:HSGATTTAPS	33	>CTNNB1-S4:HSGATTTAPC	353	320
>CTNNB1-S4:SLSGKGNPE	5128	>CTNNB1-S4:FLSGKGNPE	314	4814
>CTNNB1-S4:SLSGKGNPEE	4830	>CTNNB1-S4:FLSGKGNPEE	287	4543
>CTNNB1-S4:SLSGKGNPEE	2752	>CTNNB1-S4:FLSGKGNPEE	287	2465
>CTNNB1-S4:IHSGATTTAP	10237	>CTNNB1-S4:IHSGATTTAP	18	10219
>CTNNB1-S4:IHSGATTTAP	3465	>CTNNB1-S4:IHSGATTTAP	32	3433
>CTNNB1-S4:TAPSLSGK	663	>CTNNB1-S4:TAPFLSGK	321	342
>CTNNB1-S4:TAPSLSGK	164	>CTNNB1-S4:TAPFLSGK	103	61
>CTNNB1-S4:TTAPSLSGK	86	>CTNNB1-S4:TTAPFLSGK	101	15
>CTNNB1-S4:TTAPSLSGK	10	>CTNNB1-S4:TTAPFLSGK	7	3
>CTNNB1-S4:TTAPSLSGK	5	>CTNNB1-S4:TTAPFLSGK	3	2
>CTNNB1-S4:TTAPSLSGK	198	>CTNNB1-S4:TTAPFLSGK	135	63
>CTNNB1-S4:TTTAPSLSGK	59	>CTNNB1-S4:TTTAPFLSGK	67	8
>CTNNB1-S4:TTTAPSLSGK	15	>CTNNB1-S4:TTTAPFLSGK	12	3
>CTNNB1-S4:TTTAPSLSGK	439	>CTNNB1-S4:TTTAPFLSGK	652	213
>CTNNB1-S4:TTTAPSLSGK	8	>CTNNB1-S4:TTTAPFLSGK	9	1
>CTNNB1-S4:TTTAPSL	338	>CTNNB1-S4:TTTAPFLS	107	231
>CTNNB1-S4:TTTAPSLSG	1259	>CTNNB1-S4:TTTAPFLSG	317	942
>CTNNB1-S4:ATTTAPSL	1617	>CTNNB1-S4:ATTTAPFL	435	1182
>CTNNB1-S4:ATTTAPSLSGI	216	>CTNNB1-S4:ATTTAPFLSGI	223	7
>CTNNB1-S4:ATTTAPSLSGI	36	>CTNNB1-S4:ATTTAPFLSGI	22	14
>CTNNB1-S4:ATTTAPSL	838	>CTNNB1-S4:ATTTAPFL	275	563
>CTNNB1-S4:ATTTAPSL	997	>CTNNB1-S4:ATTTAPFL	310	687
>CTNNB1-S4:ATTTAPSLSGI	51	>CTNNB1-S4:ATTTAPFLSGI	48	3
>CTNNB1-S4:ATTTAPSLSGI	129	>CTNNB1-S4:ATTTAPFLSGI	81	48
>CTNNB1-S4:ATTTAPSL	16	>CTNNB1-S4:ATTTAPFL	23	7
>CTNNB1-S4:ATTTAPSL	535	>CTNNB1-S4:ATTTAPFL	117	418
>CTNNB1-S4:ATTTAPSL	362	>CTNNB1-S4:ATTTAPFLS	6031	5669
>CTNNB1-S4:ATTTAPSLSGI	404	>CTNNB1-S4:ATTTAPFLSGI	209	195
>CTNNB1-S4:ATTTAPSL	368	>CTNNB1-S4:ATTTAPFL	489	121
>CTNNB1-S4:GATTTAPS	24693	>CTNNB1-S4:GATTTAPF	214	24479

>CTNNB1-S4:GATTTAPS	19548	>CTNNB1-S4!GATTTAPF	33	19515
>CTNNB1-S4:GATTTAPSL	272	>CTNNB1-S4!GATTTAPFL	727	455
>CTNNB1-S4:GATTTAPS	13995	>CTNNB1-S4!GATTTAPF	322	13673
>CTNNB1-S4:GATTTAPSL	346	>CTNNB1-S4!GATTTAPFL	62	284
>CTNNB1-S4:SGATTTAPS	15488	>CTNNB1-S4!SGATTTAPF	104	15384
>CTNNB1-S4:SGATTTAPS	20060	>CTNNB1-S4!SGATTTAPF	116	19944
>CTNNB1-S4:SGATTTAPS	9843	>CTNNB1-S4!SGATTTAPF	185	9658
>CTNNB1-S4:HSGATTTAPS	18922	>CTNNB1-S4!HSGATTTAPF	479	18443
>CTNNB1-S4:HSGATTTAPS	1110	>CTNNB1-S4!HSGATTTAPF	376	734
>CTNNB1-S4:HSGATTTAPS	14286	>CTNNB1-S4!HSGATTTAPF	88	14198
>CTNNB1-S4:HSGATTTAPS	9015	>CTNNB1-S4!HSGATTTAPF	40	8975
>CTNNB1-S4:HSGATTTAPS	15389	>CTNNB1-S4!HSGATTTAPF	25	15364
>CTNNB1-S4:HSGATTTAPS	9021	>CTNNB1-S4!HSGATTTAPF	9	9012
>CTNNB1-S4:HSGATTTAPS	33	>CTNNB1-S4!HSGATTTAPF	51	18
>CTNNB1-S4:HSGATTTAPS	19096	>CTNNB1-S4!HSGATTTAPF	71	19025
>CTNNB1-S4:TAPSLSGK	164	>CTNNB1-S4!TAPPLSGK	414	250
>CTNNB1-S4:TTAPSLSGK	86	>CTNNB1-S4!TTAPPLSGK	96	10
>CTNNB1-S4:TTAPSLSGK	10	>CTNNB1-S4!TTAPPLSGK	11	1
>CTNNB1-S4:TTAPSLSGK	5	>CTNNB1-S4!TTAPPLSGK	11	6
>CTNNB1-S4:TTAPSLSGK	198	>CTNNB1-S4!TTAPPLSGK	845	647
>CTNNB1-S4:TTTAPSLSGK	59	>CTNNB1-S4!TTTAPPLSGK	61	2
>CTNNB1-S4:TTTAPSLSGK	15	>CTNNB1-S4!TTTAPPLSGK	15	0
>CTNNB1-S4:TTTAPSLSGK	439	>CTNNB1-S4!TTTAPPLSGK	1041	602
>CTNNB1-S4:TTTAPSLSGK	8	>CTNNB1-S4!TTTAPPLSGK	10	2
>CTNNB1-S4:TTTAPSL	338	>CTNNB1-S4!TTTAPPL	1842	1504
>CTNNB1-S4:ATTTAPSLSGI	216	>CTNNB1-S4!ATTTAPPLSG	270	54
>CTNNB1-S4:ATTTAPSLSGI	36	>CTNNB1-S4!ATTTAPPLSG	39	3
>CTNNB1-S4:ATTTAPSL	838	>CTNNB1-S4!ATTTAPPL	467	371
>CTNNB1-S4:ATTTAPSL	997	>CTNNB1-S4!ATTTAPPL	400	597
>CTNNB1-S4:ATTTAPSLSGI	51	>CTNNB1-S4!ATTTAPPLSG	58	7
>CTNNB1-S4:ATTTAPSLSGI	129	>CTNNB1-S4!ATTTAPPLSG	232	103
>CTNNB1-S4:ATTTAPSL	16	>CTNNB1-S4!ATTTAPPL	15	1
>CTNNB1-S4:ATTTAPSL	535	>CTNNB1-S4!ATTTAPPL	296	239
>CTNNB1-S4:ATTTAPSL	362	>CTNNB1-S4!ATTTAPPL	8596	8234
>CTNNB1-S4:ATTTAPSLSGI	404	>CTNNB1-S4!ATTTAPPLSG	457	53
>CTNNB1-S4:ATTTAPSL	368	>CTNNB1-S4!ATTTAPPL	1003	635
>CTNNB1-S4:GATTTAPSL	272	>CTNNB1-S4!GATTTAPPL	191	81
>CTNNB1-S4:GATTTAPSL	346	>CTNNB1-S4!GATTTAPPL	336	10
>CTNNB1-S4:SGATTTAPSL	741	>CTNNB1-S4!SGATTTAPPL	428	313
>CTNNB1-S4:HSGATTTAPS	1270	>CTNNB1-S4!HSGATTTAPF	407	863
>CTNNB1-S4:HSGATTTAPS	33	>CTNNB1-S4!HSGATTTAPF	29	4
>CTNNB1-S4:HSGATTTAPS	506	>CTNNB1-S4!HSGATTTAPF	295	211
>CTNNB1-S4:TAPSLSGK	164	>CTNNB1-S4!TAPPLSGK	300	136



>CTNNB1-S4:TTAPSLSGK	86	>CTNNB1-S4:TTAPTLSGK	161	75
>CTNNB1-S4:TTAPSLSGK	10	>CTNNB1-S4:TTAPTLSGK	13	3
>CTNNB1-S4:TTAPSLSGK	5	>CTNNB1-S4:TTAPTLSGK	5	0
>CTNNB1-S4:TTAPSLSGK	198	>CTNNB1-S4:TTAPTLSGK	394	196
>CTNNB1-S4:TTTAPSLSGK	59	>CTNNB1-S4:TTTAPTLSGK	50	9
>CTNNB1-S4:TTTAPSLSGK	15	>CTNNB1-S4:TTTAPTLSGK	12	3
>CTNNB1-S4:TTTAPSLSGK	439	>CTNNB1-S4:TTTAPTLSGK	485	46
>CTNNB1-S4:TTTAPSLSGK	8	>CTNNB1-S4:TTTAPTLSGK	11	3
>CTNNB1-S4:TTTAPSL	338	>CTNNB1-S4:TTTAPTLS	272	66
>CTNNB1-S4:ATTTAPSLSGK	216	>CTNNB1-S4:ATTTAPTLSGK	300	84
>CTNNB1-S4:ATTTAPSLSGK	36	>CTNNB1-S4:ATTTAPTLSGK	44	8
>CTNNB1-S4:ATTTAPSLSGK	51	>CTNNB1-S4:ATTTAPTLSGK	66	15
>CTNNB1-S4:ATTTAPSLSGK	129	>CTNNB1-S4:ATTTAPTLSGK	164	35
>CTNNB1-S4:ATTTAPSL	16	>CTNNB1-S4:ATTTAPTL	11	5
>CTNNB1-S4:ATTTAPSL	362	>CTNNB1-S4:ATTTAPTLS	2156	1794
>CTNNB1-S4:ATTTAPSLSGK	404	>CTNNB1-S4:ATTTAPTLSGK	440	36
>CTNNB1-S4:ATTTAPSL	368	>CTNNB1-S4:ATTTAPTL	426	58
>CTNNB1-S4:GATTTAPSL	272	>CTNNB1-S4:GATTTAPTL	90	182
>CTNNB1-S4:GATTTAPSL	346	>CTNNB1-S4:GATTTAPTL	262	84
>CTNNB1-S4:GATTTAPSL	1097	>CTNNB1-S4:GATTTAPTL	482	615
>CTNNB1-S4:HSGATTTAPS	984	>CTNNB1-S4:HSGATTTAPT	498	486
>CTNNB1-S4:HSGATTTAPS	33	>CTNNB1-S4:HSGATTTAPT	17	16
>CTNNB1-S4:HSGATTTAPS	506	>CTNNB1-S4:HSGATTTAPT	458	48
>CTNNB1-S4:SLSGKGNPEE	2752	>CTNNB1-S4:YLSGKGNPEE	221	2531
>CTNNB1-S4:IHSGATTTAP	23725	>CTNNB1-S4:IHSGATTTAP	264	23461
>CTNNB1-S4:IHSGATTTAP	28856	>CTNNB1-S4:IHSGATTTAP	265	28591
>CTNNB1-S4:IHSGATTTAP	10237	>CTNNB1-S4:IHSGATTTAP	62	10175
>CTNNB1-S4:IHSGATTTAP	16254	>CTNNB1-S4:IHSGATTTAP	170	16084
>CTNNB1-S4:IHSGATTTAP	3465	>CTNNB1-S4:IHSGATTTAP	36	3429
>CTNNB1-S4:TAPSLSGK	164	>CTNNB1-S4:TAPYLSGK	117	47
>CTNNB1-S4:TTAPSLSGK	86	>CTNNB1-S4:TTAPYLSGK	118	32
>CTNNB1-S4:TTAPSLSGK	10	>CTNNB1-S4:TTAPYLSGK	10	0
>CTNNB1-S4:TTAPSLSGK	5	>CTNNB1-S4:TTAPYLSGK	5	0
>CTNNB1-S4:TTAPSLSGK	198	>CTNNB1-S4:TTAPYLSGK	184	14
>CTNNB1-S4:TTTAPSLSGK	59	>CTNNB1-S4:TTTAPYLSGK	74	15
>CTNNB1-S4:TTTAPSLSGK	15	>CTNNB1-S4:TTTAPYLSGK	14	1
>CTNNB1-S4:TTTAPSLSGK	439	>CTNNB1-S4:TTTAPYLSGK	524	85
>CTNNB1-S4:TTTAPSLSGK	8	>CTNNB1-S4:TTTAPYLSGK	10	2
>CTNNB1-S4:TTTAPSL	338	>CTNNB1-S4:TTTAPYLS	106	232
>CTNNB1-S4:ATTTAPSLSGK	216	>CTNNB1-S4:ATTTAPYLSGK	341	125
>CTNNB1-S4:ATTTAPSLSGK	36	>CTNNB1-S4:ATTTAPYLSGK	28	8
>CTNNB1-S4:ATTTAPSL	838	>CTNNB1-S4:ATTTAPYL	407	431
>CTNNB1-S4:ATTTAPSL	997	>CTNNB1-S4:ATTTAPYL	497	500

>CTNNB1-S4:ATTTAPSLSGI	51	>CTNNB1-S4:ATTTAPYLSG	64	13
>CTNNB1-S4:ATTTAPSLSGI	129	>CTNNB1-S4:ATTTAPYLSG	123	6
>CTNNB1-S4:ATTTAPSL	16	>CTNNB1-S4:ATTTAPYL	26	10
>CTNNB1-S4:ATTTAPSL	535	>CTNNB1-S4:ATTTAPYL	203	332
>CTNNB1-S4:ATTTAPSL	1956	>CTNNB1-S4:ATTTAPYLS	479	1477
>CTNNB1-S4:ATTTAPSL	362	>CTNNB1-S4:ATTTAPYLS	7635	7273
>CTNNB1-S4:ATTTAPSLSGI	404	>CTNNB1-S4:ATTTAPYLSG	249	155
>CTNNB1-S4:ATTTAPSL	368	>CTNNB1-S4:ATTTAPYL	1184	816
>CTNNB1-S4:GATTTAPS	24865	>CTNNB1-S4:GATTTAPY	281	24584
>CTNNB1-S4:GATTTAPS	29434	>CTNNB1-S4:GATTTAPY	257	29177
>CTNNB1-S4:GATTTAPS	19548	>CTNNB1-S4:GATTTAPY	44	19504
>CTNNB1-S4:GATTTAPSL	272	>CTNNB1-S4:GATTTAPYL	504	232
>CTNNB1-S4:GATTTAPS	13995	>CTNNB1-S4:GATTTAPY	108	13887
>CTNNB1-S4:GATTTAPSL	346	>CTNNB1-S4:GATTTAPYL	72	274
>CTNNB1-S4:SGATTTAPS	21836	>CTNNB1-S4:SGATTTAPY	58	21778
>CTNNB1-S4:SGATTTAPS	15488	>CTNNB1-S4:SGATTTAPY	88	15400
>CTNNB1-S4:SGATTTAPS	27138	>CTNNB1-S4:SGATTTAPY	296	26842
>CTNNB1-S4:SGATTTAPS	9843	>CTNNB1-S4:SGATTTAPY	68	9775
>CTNNB1-S4:SGATTTAPSL	2885	>CTNNB1-S4:SGATTTAPYL	499	2386
>CTNNB1-S4:SGATTTAPS	28824	>CTNNB1-S4:SGATTTAPY	233	28591
>CTNNB1-S4:HSGATTTAPS	28409	>CTNNB1-S4:HSGATTTAPY	131	28278
>CTNNB1-S4:HSGATTTAPS	19870	>CTNNB1-S4:HSGATTTAPY	465	19405
>CTNNB1-S4:HSGATTTAPS	28747	>CTNNB1-S4:HSGATTTAPY	272	28475
>CTNNB1-S4:HSGATTTAPS	18922	>CTNNB1-S4:HSGATTTAPY	61	18861
>CTNNB1-S4:HSGATTTAPS	24256	>CTNNB1-S4:HSGATTTAPY	88	24168
>CTNNB1-S4:HSGATTTAPS	11350	>CTNNB1-S4:HSGATTTAPY	62	11288
>CTNNB1-S4:HSGATTTAPS	23969	>CTNNB1-S4:HSGATTTAPY	119	23850
>CTNNB1-S4:HSGATTTAPS	9015	>CTNNB1-S4:HSGATTTAPY	43	8972
>CTNNB1-S4:HSGATTTAPS	28978	>CTNNB1-S4:HSGATTTAPY	432	28546
>CTNNB1-S4:HSGATTTAPS	15389	>CTNNB1-S4:HSGATTTAPY	100	15289
>CTNNB1-S4:HSGATTTAPS	9021	>CTNNB1-S4:HSGATTTAPY	11	9010
>CTNNB1-S4:HSGATTTAPS	33	>CTNNB1-S4:HSGATTTAPY	48	15
>CTNNB1-S4:HSGATTTAPS	19096	>CTNNB1-S4:HSGATTTAPY	311	18785
>CTNNB1-S4:HSGATTTAPS	1205	>CTNNB1-S4:HSGATTTAPY	391	814
>CTNNB1-S4:HSGATTTAPS	2590	>CTNNB1-S4:HSGATTTAPY	494	2096
>CTNNB1-S4:TAPSLSGK	164	>CTNNB1-S4:TAPSLCGK	231	67
>CTNNB1-S4:TTAPSLSGK	86	>CTNNB1-S4:TTAPSLCGK	182	96
>CTNNB1-S4:TTAPSLSGK	10	>CTNNB1-S4:TTAPSLCGK	11	1
>CTNNB1-S4:TTAPSLSGK	677	>CTNNB1-S4:TTAPSLCGK	269	408
>CTNNB1-S4:TTAPSLSGK	5	>CTNNB1-S4:TTAPSLCGK	6	1
>CTNNB1-S4:TTAPSLSGK	198	>CTNNB1-S4:TTAPSLCGK	170	28
>CTNNB1-S4:TTTAPSLSGK	59	>CTNNB1-S4:TTTAPSLCGK	93	34
>CTNNB1-S4:TTTAPSLSGK	15	>CTNNB1-S4:TTTAPSLCGK	16	1

>CTNNB1-S4' TTTAPSLSGK	439	>CTNNB1-S4' TTTAPSLCGK	345	94
>CTNNB1-S4' TTTAPSLSGK	8	>CTNNB1-S4' TTTAPSLCGK	8	0
>CTNNB1-S4' TTTAPSLSL	338	>CTNNB1-S4' TTTAPSLC	1500	1162
>CTNNB1-S4' ATTTAPSLSGI	216	>CTNNB1-S4' ATTTAPSLCG	387	171
>CTNNB1-S4' ATTTAPSLSGI	36	>CTNNB1-S4' ATTTAPSLCG	38	2
>CTNNB1-S4' ATTTAPSLSGI	51	>CTNNB1-S4' ATTTAPSLCG	30	21
>CTNNB1-S4' ATTTAPSLSGI	129	>CTNNB1-S4' ATTTAPSLCG	196	67
>CTNNB1-S4' ATTTAPSLSL	1956	>CTNNB1-S4' ATTTAPSLC	491	1465
>CTNNB1-S4' ATTTAPSLSL	362	>CTNNB1-S4' ATTTAPSLC	675	313
>CTNNB1-S4' ATTTAPSLSGI	404	>CTNNB1-S4' ATTTAPSLCG	352	52
>CTNNB1-S4' TAPSLSGK	164	>CTNNB1-S4' TAPSLGGK	505	341
>CTNNB1-S4' TTAPSLSGK	86	>CTNNB1-S4' TTAPSLGGK	136	50
>CTNNB1-S4' TTAPSLSGK	10	>CTNNB1-S4' TTAPSLGGK	18	8
>CTNNB1-S4' TTAPSLSGK	5	>CTNNB1-S4' TTAPSLGGK	11	6
>CTNNB1-S4' TTAPSLSGK	198	>CTNNB1-S4' TTAPSLGGK	190	8
>CTNNB1-S4' TTTAPSLSGK	59	>CTNNB1-S4' TTTAPSLGGK	178	119
>CTNNB1-S4' TTTAPSLSGK	15	>CTNNB1-S4' TTTAPSLGGK	33	18
>CTNNB1-S4' TTTAPSLSGK	439	>CTNNB1-S4' TTTAPSLGGK	743	304
>CTNNB1-S4' TTTAPSLSGK	8	>CTNNB1-S4' TTTAPSLGGK	23	15
>CTNNB1-S4' TTTAPSLSL	338	>CTNNB1-S4' TTTAPSLG	2472	2134
>CTNNB1-S4' ATTTAPSLSGI	216	>CTNNB1-S4' ATTTAPSLGG	318	102
>CTNNB1-S4' ATTTAPSLSGI	36	>CTNNB1-S4' ATTTAPSLGG	58	22
>CTNNB1-S4' ATTTAPSLSGI	51	>CTNNB1-S4' ATTTAPSLGG	64	13
>CTNNB1-S4' ATTTAPSLSGI	129	>CTNNB1-S4' ATTTAPSLGG	300	171
>CTNNB1-S4' ATTTAPSLSL	362	>CTNNB1-S4' ATTTAPSLG	845	483
>CTNNB1-S4' ATTTAPSLSGI	404	>CTNNB1-S4' ATTTAPSLGG	357	47
>CTNNB1-S4' SGATTTAPSLI	26184	>CTNNB1-S4' SGATTTAPSLI	103	26081
>CTNNB1-S4' TAPSLSGK	663	>CTNNB1-S4' TAPSLIGK	340	323
>CTNNB1-S4' TAPSLSGK	164	>CTNNB1-S4' TAPSLIGK	214	50
>CTNNB1-S4' TTAPSLSGK	86	>CTNNB1-S4' TTAPSLIGK	85	1
>CTNNB1-S4' TTAPSLSGK	10	>CTNNB1-S4' TTAPSLIGK	8	2
>CTNNB1-S4' TTAPSLSGK	677	>CTNNB1-S4' TTAPSLIGK	175	502
>CTNNB1-S4' TTAPSLSGK	5	>CTNNB1-S4' TTAPSLIGK	8	3
>CTNNB1-S4' TTAPSLSGK	198	>CTNNB1-S4' TTAPSLIGK	107	91
>CTNNB1-S4' TTTAPSLSGK	59	>CTNNB1-S4' TTTAPSLIGK	63	4
>CTNNB1-S4' TTTAPSLSGK	15	>CTNNB1-S4' TTTAPSLIGK	9	6
>CTNNB1-S4' TTTAPSLSGK	439	>CTNNB1-S4' TTTAPSLIGK	208	231
>CTNNB1-S4' TTTAPSLSGK	8	>CTNNB1-S4' TTTAPSLIGK	8	0
>CTNNB1-S4' TTTAPSLSL	338	>CTNNB1-S4' TTTAPSLI	12	326
>CTNNB1-S4' TTTAPSLSL	12449	>CTNNB1-S4' TTTAPSLI	240	12209
>CTNNB1-S4' TTTAPSLSL	9934	>CTNNB1-S4' TTTAPSLI	261	9673
>CTNNB1-S4' TTTAPSLSL	25283	>CTNNB1-S4' TTTAPSLI	86	25197
>CTNNB1-S4' TTTAPSLSL	2132	>CTNNB1-S4' TTTAPSLI	54	2078

>CTNNB1-S4' TTTAPSL	28073	>CTNNB1-S4' TTTAPSLI	35	28038
>CTNNB1-S4' ATTTAPSLSGI	216	>CTNNB1-S4' ATTTAPSLIGk	199	17
>CTNNB1-S4' ATTTAPSLSGI	36	>CTNNB1-S4' ATTTAPSLIGk	26	10
>CTNNB1-S4' ATTTAPSLSGI	51	>CTNNB1-S4' ATTTAPSLIGk	24	27
>CTNNB1-S4' ATTTAPSLSGI	129	>CTNNB1-S4' ATTTAPSLIGk	226	97
>CTNNB1-S4' ATTTAPSL	8638	>CTNNB1-S4' ATTTAPSLI	461	8177
>CTNNB1-S4' ATTTAPSL	9775	>CTNNB1-S4' ATTTAPSLI	184	9591
>CTNNB1-S4' ATTTAPSL	1956	>CTNNB1-S4' ATTTAPSLI	46	1910
>CTNNB1-S4' ATTTAPSL	362	>CTNNB1-S4' ATTTAPSLI	22	340
>CTNNB1-S4' ATTTAPSLSGI	404	>CTNNB1-S4' ATTTAPSLIGk	244	160
>CTNNB1-S4' ATTTAPSL	24717	>CTNNB1-S4' ATTTAPSLI	24	24693
>CTNNB1-S4' GATTTAPSL	31775	>CTNNB1-S4' GATTTAPSLI	71	31704
>CTNNB1-S4' TAPSLSGK	164	>CTNNB1-S4' TAPSLNGK	190	26
>CTNNB1-S4' TTAPSLSGK	86	>CTNNB1-S4' TTAPSLNGK	227	141
>CTNNB1-S4' TTAPSLSGK	10	>CTNNB1-S4' TTAPSLNGK	13	3
>CTNNB1-S4' TTAPSLSGK	677	>CTNNB1-S4' TTAPSLNGK	486	191
>CTNNB1-S4' TTAPSLSGK	5	>CTNNB1-S4' TTAPSLNGK	6	1
>CTNNB1-S4' TTAPSLSGK	198	>CTNNB1-S4' TTAPSLNGK	202	4
>CTNNB1-S4' TTTAPSLSGK	59	>CTNNB1-S4' TTTAPSLNGK	264	205
>CTNNB1-S4' TTTAPSLSGK	15	>CTNNB1-S4' TTTAPSLNGK	21	6
>CTNNB1-S4' TTTAPSLSGK	439	>CTNNB1-S4' TTTAPSLNGK	387	52
>CTNNB1-S4' TTTAPSLSGK	8	>CTNNB1-S4' TTTAPSLNGK	11	3
>CTNNB1-S4' TTTAPSL	338	>CTNNB1-S4' TTTAPSLN	7405	7067
>CTNNB1-S4' ATTTAPSLSGI	216	>CTNNB1-S4' ATTTAPSLNG	487	271
>CTNNB1-S4' ATTTAPSLSGI	36	>CTNNB1-S4' ATTTAPSLNG	46	10
>CTNNB1-S4' ATTTAPSLSGI	51	>CTNNB1-S4' ATTTAPSLNG	41	10
>CTNNB1-S4' ATTTAPSLSGI	129	>CTNNB1-S4' ATTTAPSLNG	170	41
>CTNNB1-S4' ATTTAPSL	362	>CTNNB1-S4' ATTTAPSLN	385	23
>CTNNB1-S4' ATTTAPSLSGI	404	>CTNNB1-S4' ATTTAPSLNG	399	5
>CTNNB1-S4' SGATTTAPSLI	29188	>CTNNB1-S4' SGATTTAPSLI	167	29021
>CTNNB1-S4' TAPSLSGK	164	>CTNNB1-S4' TAPSLRGK	463	299
>CTNNB1-S4' TTAPSLSGK	86	>CTNNB1-S4' TTAPSLRGK	262	176
>CTNNB1-S4' TTAPSLSGK	10	>CTNNB1-S4' TTAPSLRGK	25	15
>CTNNB1-S4' TTAPSLSGK	5	>CTNNB1-S4' TTAPSLRGK	18	13
>CTNNB1-S4' TTAPSLSGK	198	>CTNNB1-S4' TTAPSLRGK	138	60
>CTNNB1-S4' TTTAPSLSGK	59	>CTNNB1-S4' TTTAPSLRGK	146	87
>CTNNB1-S4' TTTAPSL	13774	>CTNNB1-S4' TTTAPSLR	110	13664
>CTNNB1-S4' TTTAPSLSGK	15	>CTNNB1-S4' TTTAPSLRGK	29	14
>CTNNB1-S4' TTTAPSLSGK	439	>CTNNB1-S4' TTTAPSLRGK	561	122
>CTNNB1-S4' TTTAPSL	17857	>CTNNB1-S4' TTTAPSLR	130	17727
>CTNNB1-S4' TTTAPSL	28633	>CTNNB1-S4' TTTAPSLR	203	28430
>CTNNB1-S4' TTTAPSL	4515	>CTNNB1-S4' TTTAPSLR	5	4510
>CTNNB1-S4' TTTAPSLSGK	8	>CTNNB1-S4' TTTAPSLRGK	26	18

>CTNNB1-S4' TTTAPSL	338	>CTNNB1-S4' TTTAPSLR	9162	8824
>CTNNB1-S4' ATTTAPSLSGI	216	>CTNNB1-S4' ATTTAPSLRG	536	320
>CTNNB1-S4' ATTTAPSL	14386	>CTNNB1-S4' ATTTAPSLR	212	14174
>CTNNB1-S4' ATTTAPSLSGI	36	>CTNNB1-S4' ATTTAPSLRG	79	43
>CTNNB1-S4' ATTTAPSLSGI	51	>CTNNB1-S4' ATTTAPSLRG	51	0
>CTNNB1-S4' ATTTAPSL	18301	>CTNNB1-S4' ATTTAPSLR	154	18147
>CTNNB1-S4' ATTTAPSL	20711	>CTNNB1-S4' ATTTAPSLR	20	20691
>CTNNB1-S4' ATTTAPSLSGI	129	>CTNNB1-S4' ATTTAPSLRG	537	408
>CTNNB1-S4' ATTTAPSL	362	>CTNNB1-S4' ATTTAPSLR	501	139
>CTNNB1-S4' ATTTAPSL	9526	>CTNNB1-S4' ATTTAPSLR	472	9054
>CTNNB1-S4' ATTTAPSLSGI	404	>CTNNB1-S4' ATTTAPSLRG	319	85
>CTNNB1-S4' GATTTAPSL	33431	>CTNNB1-S4' GATTTAPSLR	151	33280
>CTNNB1-S4' TAPSLSGK	164	>CTNNB1-S4' TAPSLTGK	166	2
>CTNNB1-S4' TTAPSLSGK	86	>CTNNB1-S4' TTAPSLTGK	104	18
>CTNNB1-S4' TTAPSLSGK	10	>CTNNB1-S4' TTAPSLTGK	13	3
>CTNNB1-S4' TTAPSLSGK	5	>CTNNB1-S4' TTAPSLTGK	7	2
>CTNNB1-S4' TTAPSLSGK	198	>CTNNB1-S4' TTAPSLTGK	158	40
>CTNNB1-S4' TTTAPSLSGK	59	>CTNNB1-S4' TTTAPSLTGK	82	23
>CTNNB1-S4' TTTAPSLSGK	15	>CTNNB1-S4' TTTAPSLTGK	14	1
>CTNNB1-S4' TTTAPSLSGK	439	>CTNNB1-S4' TTTAPSLTGK	915	476
>CTNNB1-S4' TTTAPSLSGK	8	>CTNNB1-S4' TTTAPSLTGK	9	1
>CTNNB1-S4' TTTAPSL	338	>CTNNB1-S4' TTTAPSLT	332	6
>CTNNB1-S4' ATTTAPSLSGI	216	>CTNNB1-S4' ATTTAPSLTG	252	36
>CTNNB1-S4' ATTTAPSLSGI	36	>CTNNB1-S4' ATTTAPSLTG	43	7
>CTNNB1-S4' ATTTAPSLSGI	51	>CTNNB1-S4' ATTTAPSLTG	111	60
>CTNNB1-S4' ATTTAPSLSGI	129	>CTNNB1-S4' ATTTAPSLTG	174	45
>CTNNB1-S4' ATTTAPSL	362	>CTNNB1-S4' ATTTAPSLT	228	134
>CTNNB1-S4' ATTTAPSLSGI	404	>CTNNB1-S4' ATTTAPSLTG	336	68
>CTNNB1-S6' SQVLYEWEQ	185	>CTNNB1-S6' CQVLYEWEQ	690	505
>CTNNB1-S6' SQVLYEWEQ	272	>CTNNB1-S6' CQVLYEWEQ	1516	1244
>CTNNB1-S6' SQVLYEWEQ	24	>CTNNB1-S6' CQVLYEWEQ	45	21
>CTNNB1-S6' TSQVLYEW	53	>CTNNB1-S6' TCQVLYEW	9526	9473
>CTNNB1-S6' TSQVLYEW	53	>CTNNB1-S6' TCQVLYEW	5036	4983
>CTNNB1-S6' TSQVLYEW	18	>CTNNB1-S6' TCQVLYEW	1771	1753
>CTNNB1-S6' TSQVLYEW	459	>CTNNB1-S6' TCQVLYEW	566	107
>CTNNB1-S6' DTSQVLYEW	856	>CTNNB1-S6' DTCQVLYEW	138	718
>CTNNB1-S6' DTSQVLYEW	2580	>CTNNB1-S6' DTCQVLYEW	158	2422
>CTNNB1-S6' DTSQVLYEW	285	>CTNNB1-S6' DTCQVLYEW	614	329
>CTNNB1-S6' DTSQVLYEW	677	>CTNNB1-S6' DTCQVLYEW	462	215
>CTNNB1-S6' DTSQVLYEW	144	>CTNNB1-S6' DTCQVLYEW	556	412
>CTNNB1-S6' DTSQVLYEW	134	>CTNNB1-S6' DTCQVLYEW	726	592
>CTNNB1-S6' DVDTSQVLY	25	>CTNNB1-S6' DVDTCQVLY	35	10
>CTNNB1-S6' DVDTSQVLY	577	>CTNNB1-S6' DVDTCQVLY	318	259

>CTNNB1-S6 DVDTSQVLY	404	>CTNNB1-S6 DVDTCQVLY	181	223
>CTNNB1-S6 EDVDTSQV	205	>CTNNB1-S6 EDVDTCQV	146	59
>CTNNB1-S6 EEDVDTSQV	208	>CTNNB1-S6 EEDVDTCQV	121	87
>CTNNB1-S6 EEDVDTSQVL	274	>CTNNB1-S6 EEDVDTCQVI	1119	845
>CTNNB1-S6 EEDVDTSQVL	476	>CTNNB1-S6 EEDVDTCQVI	467	9
>CTNNB1-S6 EEDVDTSQV	464	>CTNNB1-S6 EEDVDTCQV	303	161
>CTNNB1-S6 EEDVDTSQVL	677	>CTNNB1-S6 EEDVDTCQVI	200	477
>CTNNB1-S6 EEEDVDTSQV	178	>CTNNB1-S6 EEEDVDTCQV	130	48
>CTNNB1-S6 EEEDVDTSQV	50	>CTNNB1-S6 EEEDVDTCQV	65	15
>CTNNB1-S6 EEEDVDTSQV	445	>CTNNB1-S6 EEEDVDTCQV	1329	884
>CTNNB1-S6 PEEEDVDTSC	368	>CTNNB1-S6 PEEEDVDTC	316	52
>CTNNB1-S6 NPEEEDVDTS	474	>CTNNB1-S6 NPEEEDVDTC	878	404
>CTNNB1-S6 SQVLYEWEQ	897	>CTNNB1-S6 FQVLYEWEQ	66	831
>CTNNB1-S6 SQVLYEWEQ	185	>CTNNB1-S6 FQVLYEWEQ	22	163
>CTNNB1-S6 SQVLYEWEQ	272	>CTNNB1-S6 FQVLYEWEQ	195	77
>CTNNB1-S6 SQVLYEWEQ	24	>CTNNB1-S6 FQVLYEWEQ	8	16
>CTNNB1-S6 TSQVLYEW	2983	>CTNNB1-S6 TFQVLYEW	67	2916
>CTNNB1-S6 TSQVLYEW	6019	>CTNNB1-S6 TFQVLYEW	445	5574
>CTNNB1-S6 TSQVLYEW	7749	>CTNNB1-S6 TFQVLYEW	33	7716
>CTNNB1-S6 TSQVLYEW	53	>CTNNB1-S6 TFQVLYEW	16088	16035
>CTNNB1-S6 TSQVLYEW	53	>CTNNB1-S6 TFQVLYEW	12988	12935
>CTNNB1-S6 TSQVLYEW	18	>CTNNB1-S6 TFQVLYEW	1219	1201
>CTNNB1-S6 TSQVLYEW	459	>CTNNB1-S6 TFQVLYEW	2721	2262
>CTNNB1-S6 DTSQVLYEW	706	>CTNNB1-S6 DTFQVLYEW	426	280
>CTNNB1-S6 DTSQVLYEW	2580	>CTNNB1-S6 DTFQVLYEW	244	2336
>CTNNB1-S6 DTSQVLYEW	1729	>CTNNB1-S6 DTFQVLYEW	50	1679
>CTNNB1-S6 DTSQVLYEWI	2734	>CTNNB1-S6 DTFQVLYEWI	494	2240
>CTNNB1-S6 DTSQVLYE	1237	>CTNNB1-S6 DTFQVLYE	152	1085
>CTNNB1-S6 DTSQVLYEW	2054	>CTNNB1-S6 DTFQVLYEW	345	1709
>CTNNB1-S6 DTSQVLYEWI	285	>CTNNB1-S6 DTFQVLYEWI	47	238
>CTNNB1-S6 DTSQVLYEW	677	>CTNNB1-S6 DTFQVLYEW	109	568
>CTNNB1-S6 DTSQVLYEW	1921	>CTNNB1-S6 DTFQVLYEW	346	1575
>CTNNB1-S6 DTSQVLYEW	144	>CTNNB1-S6 DTFQVLYEW	62	82
>CTNNB1-S6 DTSQVLYEW	134	>CTNNB1-S6 DTFQVLYEW	108	26
>CTNNB1-S6 VDTSQVLY	648	>CTNNB1-S6 VDTFQVLY	377	271
>CTNNB1-S6 DVDTSQVLY	25	>CTNNB1-S6 DVDTFQVLY	18	7
>CTNNB1-S6 DVDTSQVLY	577	>CTNNB1-S6 DVDTFQVLY	227	350
>CTNNB1-S6 DVDTSQVLY	404	>CTNNB1-S6 DVDTFQVLY	474	70
>CTNNB1-S6 EDVDTSQV	1247	>CTNNB1-S6 EDVDTFQV	395	852
>CTNNB1-S6 EDVDTSQV	1007	>CTNNB1-S6 EDVDTFQV	159	848
>CTNNB1-S6 EDVDTSQV	205	>CTNNB1-S6 EDVDTFQV	70	135
>CTNNB1-S6 EEDVDTSQV	208	>CTNNB1-S6 EEDVDTFQV	257	49
>CTNNB1-S6 EEDVDTSQV	3614	>CTNNB1-S6 EEDVDTFQV	476	3138

>CTNNB1-S6:EEDVDTSQVL	274	>CTNNB1-S6:EEDVDTFQVL	348	74
>CTNNB1-S6:EEDVDTSQVL	601	>CTNNB1-S6:EEDVDTFQVL	350	251
>CTNNB1-S6:EEDVDTSQVL	476	>CTNNB1-S6:EEDVDTFQVL	311	165
>CTNNB1-S6:EEDVDTSQV	464	>CTNNB1-S6:EEDVDTFQV	125	339
>CTNNB1-S6:EEDVDTSQVL	677	>CTNNB1-S6:EEDVDTFQVL	432	245
>CTNNB1-S6:EEEDVDTSQV	178	>CTNNB1-S6:EEEDVDTFQV	146	32
>CTNNB1-S6:EEEDVDTS	11373	>CTNNB1-S6:EEEDVDTF	301	11072
>CTNNB1-S6:EEEDVDTSQV	50	>CTNNB1-S6:EEEDVDTFQV	33	17
>CTNNB1-S6:EEEDVDTSQV	1147	>CTNNB1-S6:EEEDVDTFQV	370	777
>CTNNB1-S6:EEEDVDTS	4603	>CTNNB1-S6:EEEDVDTF	144	4459
>CTNNB1-S6:EEEDVDTSQV	839	>CTNNB1-S6:EEEDVDTFQV	486	353
>CTNNB1-S6:EEEDVDTSQV	445	>CTNNB1-S6:EEEDVDTFQV	385	60
>CTNNB1-S6:EEEDVDTSQV	1034	>CTNNB1-S6:EEEDVDTFQV	481	553
>CTNNB1-S6:PEEEDVDTSC	368	>CTNNB1-S6:PEEEDVDTFC	175	193
>CTNNB1-S6:NPEEEDVDTS	474	>CTNNB1-S6:NPEEEDVDTF	1688	1214
>CTNNB1-S6:NPEEEDVDTS	15173	>CTNNB1-S6:NPEEEDVDTF	99	15074
>CTNNB1-S6:NPEEEDVDTS	8419	>CTNNB1-S6:NPEEEDVDTF	35	8384
>CTNNB1-T3:TQADLMEL	123	>CTNNB1-T3:SQADLMEL	48	75
>CTNNB1-T3:TQADLMEL	21	>CTNNB1-T3:SQADLMEL	12	9
>CTNNB1-T3:TQADLMELD	164	>CTNNB1-T3:SQADLMELD	79	85
>CTNNB1-T3:TQADLMEL	131	>CTNNB1-T3:SQADLMEL	68	63
>CTNNB1-T3:TQADLMELD	272	>CTNNB1-T3:SQADLMELD	154	118
>CTNNB1-T3:TQADLMEL	13	>CTNNB1-T3:SQADLMEL	7	6
>CTNNB1-T3:TQADLMELD	29	>CTNNB1-T3:SQADLMELD	15	14
>CTNNB1-T3:TQADLMEL	2425	>CTNNB1-T3:SQADLMEL	486	1939
>CTNNB1-T3:TQADLMEL	3237	>CTNNB1-T3:SQADLMEL	327	2910
>CTNNB1-T3:TQADLMELD	932	>CTNNB1-T3:SQADLMELD	397	535
>CTNNB1-T3:TQADLMEL	636	>CTNNB1-T3:SQADLMEL	268	368
>CTNNB1-T3:TQADLMEL	83	>CTNNB1-T3:SQADLMEL	198	115
>CTNNB1-T3:ATQADLMEL	465	>CTNNB1-T3:ASQADLMEL	2069	1604
>CTNNB1-T3:ATQADLMEL	353	>CTNNB1-T3:ASQADLMEL	2372	2019
>CTNNB1-T3:ATQADLMEL	436	>CTNNB1-T3:ASQADLMEL	3450	3014
>CTNNB1-T3:ATQADLMEL	84	>CTNNB1-T3:ASQADLMEL	155	71
>CTNNB1-T3:ATQADLMELI	111	>CTNNB1-T3:ASQADLMELI	181	70
>CTNNB1-T3:MATQADLMI	466	>CTNNB1-T3:MASQADLMI	137	329
>CTNNB1-T3:MATQADLMI	825	>CTNNB1-T3:MASQADLMI	336	489
>CTNNB1-T3:MATQADLMI	339	>CTNNB1-T3:MASQADLMI	218	121
>CTNNB1-T3:MATQADLMI	629	>CTNNB1-T3:MASQADLMI	389	240
>CTNNB1-T3:MATQADLM	283	>CTNNB1-T3:MASQADLM	207	76
>CTNNB1-T3:MATQADLMI	122	>CTNNB1-T3:MASQADLMI	88	34
>CTNNB1-T3:MATQADLM	19	>CTNNB1-T3:MASQADLM	15	4
>CTNNB1-T3:MATQADLM	491	>CTNNB1-T3:MASQADLM	409	82
>CTNNB1-T3:MATQADLM	199	>CTNNB1-T3:MASQADLM	144	55

>CTNNB1-T3:MATQADLMI	283	>CTNNB1-T3:MASQADLMI	224	59
>CTNNB1-T3:MATQADLM	459	>CTNNB1-T3:MASQADLM	1103	644
>CTNNB1-T4:TTTAPSLSGK	59	>CTNNB1-T4:ATTAPSLSGK	27	32
>CTNNB1-T4:TTTAPSLSGK	15	>CTNNB1-T4:ATTAPSLSGK	11	4
>CTNNB1-T4:TTTAPSLSGK	439	>CTNNB1-T4:ATTAPSLSGK	51	388
>CTNNB1-T4:TTTAPSLSGK	8	>CTNNB1-T4:ATTAPSLSGK	30	22
>CTNNB1-T4:TTTAPSL	338	>CTNNB1-T4:ATTAPSL	7222	6884
>CTNNB1-T4:ATTTAPSLSGI	216	>CTNNB1-T4:AATTAPSLSG	1230	1014
>CTNNB1-T4:ATTTAPSLSGI	36	>CTNNB1-T4:AATTAPSLSG	163	127
>CTNNB1-T4:ATTTAPSLSGI	51	>CTNNB1-T4:AATTAPSLSG	307	256
>CTNNB1-T4:ATTTAPSLSGI	129	>CTNNB1-T4:AATTAPSLSG	757	628
>CTNNB1-T4:ATTTAPSL	16	>CTNNB1-T4:AATTAPSL	158	142
>CTNNB1-T4:ATTTAPSL	362	>CTNNB1-T4:AATTAPSL	6756	6394
>CTNNB1-T4:ATTTAPSLSGI	404	>CTNNB1-T4:AATTAPSLSG	2087	1683
>CTNNB1-T4:ATTTAPSL	368	>CTNNB1-T4:AATTAPSL	2680	2312
>CTNNB1-T4:YLDSGIHSGA	212	>CTNNB1-T4:YLDSGIHSGA	48	164
>CTNNB1-T4:YLDSGIHSGA	284	>CTNNB1-T4:YLDSGIHSGA	37	247
>CTNNB1-T4:YLDSGIHSGA	78	>CTNNB1-T4:YLDSGIHSGA	9	69
>CTNNB1-T4:YLDSGIHSGA	178	>CTNNB1-T4:YLDSGIHSGA	38	140
>CTNNB1-T4:YLDSGIHSGA	12	>CTNNB1-T4:YLDSGIHSGA	4	8
>CTNNB1-T4:YLDSGIHSGA	83	>CTNNB1-T4:YLDSGIHSGA	10	73
>CTNNB1-T4:YLDSGIHSGA	121	>CTNNB1-T4:YLDSGIHSGA	19	102
>CTNNB1-T4:YLDSGIHSGA	255	>CTNNB1-T4:YLDSGIHSGA	52	203
>CTNNB1-T4:YLDSGIHSGA	36	>CTNNB1-T4:YLDSGIHSGA	7	29
>CTNNB1-T4:GATTTAPSL	272	>CTNNB1-T4:GAATTAPSL	148	124
>CTNNB1-T4:GATTTAPSL	346	>CTNNB1-T4:GAATTAPSL	869	523
>CTNNB1-T4:SGATTTAPSL	741	>CTNNB1-T4:SGAATTAPSL	411	330
>CTNNB1-T4:HSGATTTAPS	33	>CTNNB1-T4:HSGAATTAPS	43	10
>CTNNB1-T4:GIHSGATTTA	432	>CTNNB1-T4:GIHSGAATTA	935	503
>CTNNB1-T4:GIHSGATTTA	276	>CTNNB1-T4:GIHSGAATTA	907	631
>CTNNB1-T4:GIHSGATTTA	362	>CTNNB1-T4:GIHSGAATTA	456	94
>CTNNB1-T4:TTTAPSLSGK	59	>CTNNB1-T4:ITTAPSLSGK	33	26
>CTNNB1-T4:TTTAPSLSGK	15	>CTNNB1-T4:ITTAPSLSGK	22	7
>CTNNB1-T4:TTTAPSLSGK	439	>CTNNB1-T4:ITTAPSLSGK	212	227
>CTNNB1-T4:TTTAPSLSGK	8	>CTNNB1-T4:ITTAPSLSGK	23	15
>CTNNB1-T4:TTTAPSL	338	>CTNNB1-T4:ITTAPSL	4623	4285
>CTNNB1-T4:ATTTAPSL	2436	>CTNNB1-T4:AITTAPSL	60	2376
>CTNNB1-T4:ATTTAPSLSGI	216	>CTNNB1-T4:AITTAPSLSGK	153	63
>CTNNB1-T4:ATTTAPSLSGI	36	>CTNNB1-T4:AITTAPSLSGK	61	25
>CTNNB1-T4:ATTTAPSLSGI	51	>CTNNB1-T4:AITTAPSLSGK	269	218
>CTNNB1-T4:ATTTAPSLSGI	129	>CTNNB1-T4:AITTAPSLSGK	895	766
>CTNNB1-T4:ATTTAPSL	16	>CTNNB1-T4:AITTAPSL	4957	4941
>CTNNB1-T4:ATTTAPSL	362	>CTNNB1-T4:AITTAPSL	10098	9736



>CTNNB1-T4 ATTTAPSLSGI	404	>CTNNB1-T4 AITTAPSLSGK	3882	3478
>CTNNB1-T4 ATTTAPSL	368	>CTNNB1-T4 AITTAPSL	16675	16307
>CTNNB1-T4 YLDSGIHSGA	212	>CTNNB1-T4 YLDSGIHSGA	25	187
>CTNNB1-T4 YLDSGIHSGA	284	>CTNNB1-T4 YLDSGIHSGA	18	266
>CTNNB1-T4 YLDSGIHSGA	78	>CTNNB1-T4 YLDSGIHSGA	8	70
>CTNNB1-T4 YLDSGIHSGA	178	>CTNNB1-T4 YLDSGIHSGA	27	151
>CTNNB1-T4 YLDSGIHSGA	12	>CTNNB1-T4 YLDSGIHSGA	2	10
>CTNNB1-T4 YLDSGIHSGA	83	>CTNNB1-T4 YLDSGIHSGA	4	79
>CTNNB1-T4 YLDSGIHSGA	121	>CTNNB1-T4 YLDSGIHSGA	13	108
>CTNNB1-T4 YLDSGIHSGA	255	>CTNNB1-T4 YLDSGIHSGA	18	237
>CTNNB1-T4 YLDSGIHSGA	36	>CTNNB1-T4 YLDSGIHSGA	7	29
>CTNNB1-T4 YLDSGIHSGA	4106	>CTNNB1-T4 YLDSGIHSGA	163	3943
>CTNNB1-T4 GATTTAPSL	272	>CTNNB1-T4 GAITTAPSL	52	220
>CTNNB1-T4 GATTTAPSL	346	>CTNNB1-T4 GAITTAPSL	2191	1845
>CTNNB1-T4 HSGATTTAPS	984	>CTNNB1-T4 HSGAITTAPSI	350	634
>CTNNB1-T4 HSGATTTAPS	33	>CTNNB1-T4 HSGAITTAPSI	92	59
>CTNNB1-T4 GIHSGATTTA	432	>CTNNB1-T4 GIHSGAITTA	321	111
>CTNNB1-T4 GIHSGATTTA	276	>CTNNB1-T4 GIHSGAITTA	198	78
>CTNNB1-T4 GIHSGATTTA	362	>CTNNB1-T4 GIHSGAITTA	224	138
>CTNNB1-T4 LDSGIHSGAT	10422	>CTNNB1-T4 LDSGIHSGAI	337	10085
>CTNNB1-T4 TTTAPSLSGK	59	>CTNNB1-T4 STTAPSLSGK	37	22
>CTNNB1-T4 TTTAPSLSGK	15	>CTNNB1-T4 STTAPSLSGK	10	5
>CTNNB1-T4 TTTAPSLSGK	439	>CTNNB1-T4 STTAPSLSGK	83	356
>CTNNB1-T4 TTTAPSLSGK	8	>CTNNB1-T4 STTAPSLSGK	14	6
>CTNNB1-T4 TTTAPSLS	338	>CTNNB1-T4 STTAPSLS	1312	974
>CTNNB1-T4 ATTTAPSLSGI	216	>CTNNB1-T4 ASTTAPSLSGI	400	184
>CTNNB1-T4 ATTTAPSLSGI	36	>CTNNB1-T4 ASTTAPSLSGI	48	12
>CTNNB1-T4 ATTTAPSLSGI	51	>CTNNB1-T4 ASTTAPSLSGI	106	55
>CTNNB1-T4 ATTTAPSLSGI	129	>CTNNB1-T4 ASTTAPSLSGI	880	751
>CTNNB1-T4 ATTTAPSL	16	>CTNNB1-T4 ASTTAPSL	22	6
>CTNNB1-T4 ATTTAPSLS	362	>CTNNB1-T4 ASTTAPSLS	1129	767
>CTNNB1-T4 ATTTAPSLSGI	404	>CTNNB1-T4 ASTTAPSLSGI	653	249
>CTNNB1-T4 ATTTAPSL	368	>CTNNB1-T4 ASTTAPSL	555	187
>CTNNB1-T4 YLDSGIHSGA	212	>CTNNB1-T4 YLDSGIHSGA	1097	885
>CTNNB1-T4 YLDSGIHSGA	284	>CTNNB1-T4 YLDSGIHSGA	858	574
>CTNNB1-T4 YLDSGIHSGA	78	>CTNNB1-T4 YLDSGIHSGA	647	569
>CTNNB1-T4 YLDSGIHSGA	178	>CTNNB1-T4 YLDSGIHSGA	596	418
>CTNNB1-T4 YLDSGIHSGA	12	>CTNNB1-T4 YLDSGIHSGA	49	37
>CTNNB1-T4 YLDSGIHSGA	83	>CTNNB1-T4 YLDSGIHSGA	543	460
>CTNNB1-T4 YLDSGIHSGA	121	>CTNNB1-T4 YLDSGIHSGA	852	731
>CTNNB1-T4 YLDSGIHSGA	255	>CTNNB1-T4 YLDSGIHSGA	2533	2278
>CTNNB1-T4 YLDSGIHSGA	36	>CTNNB1-T4 YLDSGIHSGA	251	215
>CTNNB1-T4 GATTTAPSL	272	>CTNNB1-T4 GASTTAPSL	203	69

>CTNNB1-T4 GATTTAPSL	346	>CTNNB1-T4 GASTTAPSL	1497	1151
>CTNNB1-T4 HSGATTTAPS	33	>CTNNB1-T4 HSGASTTAPS	18	15
>CTNNB1-T4 GIHSGATTTA	432	>CTNNB1-T4 GIHSGASTTA	613	181
>CTNNB1-T4 GIHSGATTTA	276	>CTNNB1-T4 GIHSGASTTA	495	219
>CTNNB1-T4 GIHSGATTTA	362	>CTNNB1-T4 GIHSGASTTA	521	159
>CTNNB1-T4 TTAPSLSGK	86	>CTNNB1-T4 ATAPSLSGK	70	16
>CTNNB1-T4 TTAPSLSGK	10	>CTNNB1-T4 ATAPSLSGK	11	1
>CTNNB1-T4 TTAPSLSGK	677	>CTNNB1-T4 ATAPSLSGK	69	608
>CTNNB1-T4 TTAPSLSGK	5	>CTNNB1-T4 ATAPSLSGK	37	32
>CTNNB1-T4 TTAPSLSGK	198	>CTNNB1-T4 ATAPSLSGK	69	129
>CTNNB1-T4 TTTAPSLSGK	59	>CTNNB1-T4 TATAPSLSGK	229	170
>CTNNB1-T4 TTTAPSLSGK	15	>CTNNB1-T4 TATAPSLSGK	65	50
>CTNNB1-T4 TTTAPSLSGK	439	>CTNNB1-T4 TATAPSLSGK	2246	1807
>CTNNB1-T4 TTTAPSLSGK	8	>CTNNB1-T4 TATAPSLSGK	22	14
>CTNNB1-T4 TTTAPSLS	338	>CTNNB1-T4 TATAPSLS	3434	3096
>CTNNB1-T4 ATTTAPSL	4101	>CTNNB1-T4 ATATAPSL	428	3673
>CTNNB1-T4 ATTTAPSLSGI	216	>CTNNB1-T4 ATATAPSLSG	81	135
>CTNNB1-T4 ATTTAPSLSGI	36	>CTNNB1-T4 ATATAPSLSG	21	15
>CTNNB1-T4 ATTTAPSL	838	>CTNNB1-T4 ATATAPSL	331	507
>CTNNB1-T4 ATTTAPSLSGI	51	>CTNNB1-T4 ATATAPSLSG	65	14
>CTNNB1-T4 ATTTAPSLSGI	129	>CTNNB1-T4 ATATAPSLSG	40	89
>CTNNB1-T4 ATTTAPSL	16	>CTNNB1-T4 ATATAPSL	11	5
>CTNNB1-T4 ATTTAPSL	535	>CTNNB1-T4 ATATAPSL	158	377
>CTNNB1-T4 ATTTAPSLS	362	>CTNNB1-T4 ATATAPSLS	374	12
>CTNNB1-T4 ATTTAPSLSGI	404	>CTNNB1-T4 ATATAPSLSG	173	231
>CTNNB1-T4 ATTTAPSL	368	>CTNNB1-T4 ATATAPSL	132	236
>CTNNB1-T4 GATTTAPSL	272	>CTNNB1-T4 GATATAPSL	105	167
>CTNNB1-T4 GATTTAPSL	346	>CTNNB1-T4 GATATAPSL	233	113
>CTNNB1-T4 HSGATTTAPS	33	>CTNNB1-T4 HSGATATAPS	17	16
>CTNNB1-T4 HSGATTTAPS	506	>CTNNB1-T4 HSGATATAPS	351	155
>CTNNB1-T4 GIHSGATTTA	432	>CTNNB1-T4 GIHSGATATA	408	24
>CTNNB1-T4 GIHSGATT	2383	>CTNNB1-T4 GIHSGATA	161	2222
>CTNNB1-T4 GIHSGATTTA	276	>CTNNB1-T4 GIHSGATATA	232	44
>CTNNB1-T4 GIHSGATTTA	362	>CTNNB1-T4 GIHSGATATA	327	35
>CTNNB1-T4 TTAPSLSGK	86	>CTNNB1-T4 ITAPSLSGK	54	32
>CTNNB1-T4 TTAPSLSGK	10	>CTNNB1-T4 ITAPSLSGK	14	4
>CTNNB1-T4 TTAPSLSGK	677	>CTNNB1-T4 ITAPSLSGK	314	363
>CTNNB1-T4 TTAPSLSGK	5	>CTNNB1-T4 ITAPSLSGK	11	6
>CTNNB1-T4 TTAPSLSG	2988	>CTNNB1-T4 ITAPSLSG	386	2602
>CTNNB1-T4 TTAPSLSGK	2743	>CTNNB1-T4 ITAPSLSGK	329	2414
>CTNNB1-T4 TTAPSLSGKG	2026	>CTNNB1-T4 ITAPSLSGKG	227	1799
>CTNNB1-T4 TTAPSLSGK	1449	>CTNNB1-T4 ITAPSLSGK	394	1055
>CTNNB1-T4 TTAPSLSGK	198	>CTNNB1-T4 ITAPSLSGK	254	56

>CTNNB1-T4 TTTAPSLSGK	59	>CTNNB1-T4 TITAPSLSGK	41	18
>CTNNB1-T4 TTTAPSLSGK	15	>CTNNB1-T4 TITAPSLSGK	28	13
>CTNNB1-T4 TTTAPSLSGK	439	>CTNNB1-T4 TITAPSLSGK	2053	1614
>CTNNB1-T4 TTTAPSLSGK	8	>CTNNB1-T4 TITAPSLSGK	18	10
>CTNNB1-T4 TTTAPSL	338	>CTNNB1-T4 TITAPSL	2945	2607
>CTNNB1-T4 LDSGIHSGAT	13138	>CTNNB1-T4 LDSGIHSGAT	373	12765
>CTNNB1-T4 ATTTAPSL	1617	>CTNNB1-T4 ATITAPSL	286	1331
>CTNNB1-T4 ATTTAPSLSGI	216	>CTNNB1-T4 ATITAPSLSGK	169	47
>CTNNB1-T4 ATTTAPSLSGI	36	>CTNNB1-T4 ATITAPSLSGK	17	19
>CTNNB1-T4 ATTTAPSL	838	>CTNNB1-T4 ATITAPSL	28	810
>CTNNB1-T4 ATTTAPSLSGI	51	>CTNNB1-T4 ATITAPSLSGK	37	14
>CTNNB1-T4 ATTTAPSL	1253	>CTNNB1-T4 ATITAPSL	375	878
>CTNNB1-T4 ATTTAPSLSGI	129	>CTNNB1-T4 ATITAPSLSGK	53	76
>CTNNB1-T4 ATTTAPSL	16	>CTNNB1-T4 ATITAPSL	8	8
>CTNNB1-T4 ATTTAPSL	362	>CTNNB1-T4 ATITAPSL	714	352
>CTNNB1-T4 ATTTAPSLSGI	404	>CTNNB1-T4 ATITAPSLSGK	199	205
>CTNNB1-T4 ATTTAPSL	368	>CTNNB1-T4 ATITAPSL	306	62
>CTNNB1-T4 GATTTAPSL	272	>CTNNB1-T4 GATITAPSL	59	213
>CTNNB1-T4 GATTTAPSL	346	>CTNNB1-T4 GATITAPSL	354	8
>CTNNB1-T4 HSGATTTAPS	33	>CTNNB1-T4 HSGATITAPSI	26	7
>CTNNB1-T4 GIHSGATTTA	432	>CTNNB1-T4 GIHSGATITA	426	6
>CTNNB1-T4 GIHSGATT	2383	>CTNNB1-T4 GIHSGATI	116	2267
>CTNNB1-T4 GIHSGATTTA	276	>CTNNB1-T4 GIHSGATITA	462	186
>CTNNB1-T4 GIHSGATT	7121	>CTNNB1-T4 GIHSGATI	381	6740
>CTNNB1-T4 GIHSGATTTA	362	>CTNNB1-T4 GIHSGATITA	574	212
>CTNNB1-T4 SGIHSGATT	30919	>CTNNB1-T4 SGIHSGATI	238	30681
>CTNNB1-T4 DSGIHSGATT	25191	>CTNNB1-T4 DSGIHSGATI	88	25103
>CTNNB1-T4 TTAPSLSGK	86	>CTNNB1-T4 NTAPSLSGK	471	385
>CTNNB1-T4 TTAPSLSGK	10	>CTNNB1-T4 NTAPSLSGK	46	36
>CTNNB1-T4 TTAPSLSGK	5	>CTNNB1-T4 NTAPSLSGK	6	1
>CTNNB1-T4 TTAPSLSGK	198	>CTNNB1-T4 NTAPSLSGK	683	485
>CTNNB1-T4 TTTAPSLSGK	59	>CTNNB1-T4 TNTAPSLSGK	5660	5601
>CTNNB1-T4 TTTAPSLSGK	15	>CTNNB1-T4 TNTAPSLSGK	4972	4957
>CTNNB1-T4 TTTAPSLSGK	439	>CTNNB1-T4 TNTAPSLSGK	9156	8717
>CTNNB1-T4 TTTAPSLSGK	8	>CTNNB1-T4 TNTAPSLSGK	1434	1426
>CTNNB1-T4 TTTAPSL	338	>CTNNB1-T4 TNTAPSL	13105	12767
>CTNNB1-T4 ATTTAPSLSGI	216	>CTNNB1-T4 ATNTAPSLSG	77	139
>CTNNB1-T4 ATTTAPSLSGI	36	>CTNNB1-T4 ATNTAPSLSG	19	17
>CTNNB1-T4 ATTTAPSL	997	>CTNNB1-T4 ATNTAPSL	258	739
>CTNNB1-T4 ATTTAPSLSGI	51	>CTNNB1-T4 ATNTAPSLSG	18	33
>CTNNB1-T4 ATTTAPSL	1253	>CTNNB1-T4 ATNTAPSL	404	849
>CTNNB1-T4 ATTTAPSLSGI	129	>CTNNB1-T4 ATNTAPSLSG	203	74
>CTNNB1-T4 ATTTAPSL	16	>CTNNB1-T4 ATNTAPSL	17	1

>CTNNB1-T4 ATTTAPSL	362	>CTNNB1-T4 ATNTAPSL	712	350
>CTNNB1-T4 ATTTAPSLSG	404	>CTNNB1-T4 ATNTAPSLSG	499	95
>CTNNB1-T4 ATTTAPSL	368	>CTNNB1-T4 ATNTAPSL	581	213
>CTNNB1-T4 GATTTAPSL	272	>CTNNB1-T4 GATNTAPSL	231	41
>CTNNB1-T4 GATTTAPSL	346	>CTNNB1-T4 GATNTAPSL	759	413
>CTNNB1-T4 HSGATTTAPS	33	>CTNNB1-T4 HSGATNTAPSL	36	3
>CTNNB1-T4 GIHSGATTTA	432	>CTNNB1-T4 GIHSGATNTA	630	198
>CTNNB1-T4 GIHSGATTTA	276	>CTNNB1-T4 GIHSGATNTA	598	322
>CTNNB1-T4 GIHSGATTTA	362	>CTNNB1-T4 GIHSGATNTA	1058	696
>CTNNB1-T4 TTAPSLSGK	86	>CTNNB1-T4 PTAPSLSGK	1691	1605
>CTNNB1-T4 TTAPSLSGK	10	>CTNNB1-T4 PTAPSLSGK	315	305
>CTNNB1-T4 TTAPSLSGK	5	>CTNNB1-T4 PTAPSLSGK	306	301
>CTNNB1-T4 TTAPSLSGK	198	>CTNNB1-T4 PTAPSLSGK	1871	1673
>CTNNB1-T4 TTTAPSLSGK	59	>CTNNB1-T4 TPTAPSLSGK	3979	3920
>CTNNB1-T4 TTTAPSLSGK	15	>CTNNB1-T4 TPTAPSLSGK	3987	3972
>CTNNB1-T4 TTTAPSLSGK	439	>CTNNB1-T4 TPTAPSLSGK	17515	17076
>CTNNB1-T4 TTTAPSLSGK	8	>CTNNB1-T4 TPTAPSLSGK	774	766
>CTNNB1-T4 TTTAPSL	338	>CTNNB1-T4 TPTAPSL	18258	17920
>CTNNB1-T4 ATTTAPSLSG	216	>CTNNB1-T4 ATPTAPSLSG	490	274
>CTNNB1-T4 ATTTAPSLSG	36	>CTNNB1-T4 ATPTAPSLSG	85	49
>CTNNB1-T4 ATTTAPSLSG	51	>CTNNB1-T4 ATPTAPSLSG	293	242
>CTNNB1-T4 ATTTAPSLSG	129	>CTNNB1-T4 ATPTAPSLSG	860	731
>CTNNB1-T4 ATTTAPSL	16	>CTNNB1-T4 ATPTAPSL	236	220
>CTNNB1-T4 ATTTAPSL	535	>CTNNB1-T4 ATPTAPSL	6	529
>CTNNB1-T4 ATTTAPSL	1956	>CTNNB1-T4 ATPTAPSL	55	1901
>CTNNB1-T4 ATTTAPSLSG	3920	>CTNNB1-T4 ATPTAPSLSG	209	3711
>CTNNB1-T4 ATTTAPSL	362	>CTNNB1-T4 ATPTAPSL	4843	4481
>CTNNB1-T4 ATTTAPSLSG	404	>CTNNB1-T4 ATPTAPSLSG	1165	761
>CTNNB1-T4 ATTTAPSL	368	>CTNNB1-T4 ATPTAPSL	503	135
>CTNNB1-T4 GATTTAPSL	272	>CTNNB1-T4 GATPTAPSL	25	247
>CTNNB1-T4 GATTTAPSL	346	>CTNNB1-T4 GATPTAPSL	143	203
>CTNNB1-T4 GATTTAPSL	5318	>CTNNB1-T4 GATPTAPSL	430	4888
>CTNNB1-T4 HSGATTTAPS	33	>CTNNB1-T4 HSGATPTAPS	29	4
>CTNNB1-T4 GIHSGATTTA	432	>CTNNB1-T4 GIHSGATPTA	789	357
>CTNNB1-T4 GIHSGATTTA	276	>CTNNB1-T4 GIHSGATPTA	745	469
>CTNNB1-T4 GIHSGATTTA	362	>CTNNB1-T4 GIHSGATPTA	268	94
>CTNNB1-T4 GIHSGATTTA	2370	>CTNNB1-T4 GIHSGATPTA	449	1921
>CTNNB1-T4 TTAPSLSGK	86	>CTNNB1-T4 STAPSLSGK	79	7
>CTNNB1-T4 TTAPSLSGK	10	>CTNNB1-T4 STAPSLSGK	8	2
>CTNNB1-T4 TTAPSLSGK	677	>CTNNB1-T4 STAPSLSGK	117	560
>CTNNB1-T4 TTAPSLSGK	5	>CTNNB1-T4 STAPSLSGK	9	4
>CTNNB1-T4 TTAPSLSGK	1449	>CTNNB1-T4 STAPSLSGK	430	1019
>CTNNB1-T4 TTAPSLSGK	198	>CTNNB1-T4 STAPSLSGK	73	125

>CTNNB1-T4 TTTAPSLSGK	59	>CTNNB1-T4 TSTAPSLSGK	107	48
>CTNNB1-T4 TTTAPSLSGK	15	>CTNNB1-T4 TSTAPSLSGK	24	9
>CTNNB1-T4 TTTAPSLSGK	439	>CTNNB1-T4 TSTAPSLSGK	943	504
>CTNNB1-T4 TTTAPSLSGK	8	>CTNNB1-T4 TSTAPSLSGK	16	8
>CTNNB1-T4 TTTAPSL	338	>CTNNB1-T4 TSTAPSL	3957	3619
>CTNNB1-T4 ATTTAPSLSGI	216	>CTNNB1-T4 ATSTAPSLSGI	89	127
>CTNNB1-T4 ATTTAPSLSGI	36	>CTNNB1-T4 ATSTAPSLSGI	19	17
>CTNNB1-T4 ATTTAPSLSGI	51	>CTNNB1-T4 ATSTAPSLSGI	30	21
>CTNNB1-T4 ATTTAPSLSGI	129	>CTNNB1-T4 ATSTAPSLSGI	115	14
>CTNNB1-T4 ATTTAPSL	16	>CTNNB1-T4 ATSTAPSL	13	3
>CTNNB1-T4 ATTTAPSL	362	>CTNNB1-T4 ATSTAPSL	343	19
>CTNNB1-T4 ATTTAPSLSGI	404	>CTNNB1-T4 ATSTAPSLSGI	199	205
>CTNNB1-T4 ATTTAPSL	368	>CTNNB1-T4 ATSTAPSL	293	75
>CTNNB1-T4 GATTTAPSL	272	>CTNNB1-T4 GATSTAPSL	218	54
>CTNNB1-T4 GATTTAPSL	346	>CTNNB1-T4 GATSTAPSL	209	137
>CTNNB1-T4 GATTTAPSL	1097	>CTNNB1-T4 GATSTAPSL	365	732
>CTNNB1-T4 HSGATTTAPS	33	>CTNNB1-T4 HSGATSTAPS	22	11
>CTNNB1-T4 HSGATTTAPS	506	>CTNNB1-T4 HSGATSTAPS	461	45
>CTNNB1-T4 GIHSGATTTA	432	>CTNNB1-T4 GIHSGATSTA	364	68
>CTNNB1-T4 GIHSGATTTA	276	>CTNNB1-T4 GIHSGATSTA	215	61
>CTNNB1-T4 GIHSGATTTA	362	>CTNNB1-T4 GIHSGATSTA	406	44
>CTNNB1-T4 TAPSLSGK	164	>CTNNB1-T4 AAPSLSGK	2993	2829
>CTNNB1-T4 TTAPSLSGK	86	>CTNNB1-T4 TAAPSLSGK	393	307
>CTNNB1-T4 TTAPSLSGK	10	>CTNNB1-T4 TAAPSLSGK	40	30
>CTNNB1-T4 TTAPSLSGK	5	>CTNNB1-T4 TAAPSLSGK	15	10
>CTNNB1-T4 TTAPSLSGK	198	>CTNNB1-T4 TAAPSLSGK	1557	1359
>CTNNB1-T4 TTTAPSLSGK	59	>CTNNB1-T4 TTAAPSLSGK	45	14
>CTNNB1-T4 TTTAPSLSGK	15	>CTNNB1-T4 TTAAPSLSGK	15	0
>CTNNB1-T4 TTTAPSLSGK	439	>CTNNB1-T4 TTAAPSLSGK	540	101
>CTNNB1-T4 TTTAPSLSGK	8	>CTNNB1-T4 TTAAPSLSGK	5	3
>CTNNB1-T4 TTTAPSL	338	>CTNNB1-T4 TTAAPSL	56	282
>CTNNB1-T4 ATTTAPSLSGI	216	>CTNNB1-T4 ATTAAPSLSG	166	50
>CTNNB1-T4 ATTTAPSLSGI	36	>CTNNB1-T4 ATTAAPSLSG	28	8
>CTNNB1-T4 ATTTAPSLSGI	51	>CTNNB1-T4 ATTAAPSLSG	37	14
>CTNNB1-T4 ATTTAPSLSGI	129	>CTNNB1-T4 ATTAAPSLSG	123	6
>CTNNB1-T4 ATTTAPSL	16	>CTNNB1-T4 ATTAAPSL	10	6
>CTNNB1-T4 ATTTAPSL	1096	>CTNNB1-T4 ATTAAPSL	433	663
>CTNNB1-T4 ATTTAPSL	362	>CTNNB1-T4 ATTAAPSL	524	162
>CTNNB1-T4 ATTTAPSLSGI	404	>CTNNB1-T4 ATTAAPSLSG	468	64
>CTNNB1-T4 ATTTAPSL	368	>CTNNB1-T4 ATTAAPSL	350	18
>CTNNB1-T4 GATTTAPSL	272	>CTNNB1-T4 GATTAAPSL	386	114
>CTNNB1-T4 GATTTAPSL	346	>CTNNB1-T4 GATTAAPSL	270	76
>CTNNB1-T4 HSGATTTAPS	33	>CTNNB1-T4 HSGATTAAPS	29	4

>CTNNB1-T4 HSGATTTAPS	506	>CTNNB1-T4 HSGATTAAPS	485	21
>CTNNB1-T4 GIHSGATTTA	432	>CTNNB1-T4 GIHSGATTAA	605	173
>CTNNB1-T4 GIHSGATTT	1717	>CTNNB1-T4 GIHSGATTA	89	1628
>CTNNB1-T4 GIHSGATTTA	276	>CTNNB1-T4 GIHSGATTAA	378	102
>CTNNB1-T4 GIHSGATTTA	362	>CTNNB1-T4 GIHSGATTAA	1142	780
>CTNNB1-T4 TAPSLSGK	164	>CTNNB1-T4 IAPSLSGK	564	400
>CTNNB1-T4 TTAPSLSGK	86	>CTNNB1-T4 TIAPSLSGK	68	18
>CTNNB1-T4 TTAPSLSGK	10	>CTNNB1-T4 TIAPSLSGK	15	5
>CTNNB1-T4 TTAPSLSGK	5	>CTNNB1-T4 TIAPSLSGK	21	16
>CTNNB1-T4 TTAPSLSGK	198	>CTNNB1-T4 TIAPSLSGK	4178	3980
>CTNNB1-T4 DSGIHS GATT	35074	>CTNNB1-T4 DSGIHS GATT	440	34634
>CTNNB1-T4 TTTAPSLSGK	59	>CTNNB1-T4 TTIAPSLSGK	28	31
>CTNNB1-T4 TTTAPSLSGK	15	>CTNNB1-T4 TTIAPSLSGK	9	6
>CTNNB1-T4 TTTAPSLSGK	439	>CTNNB1-T4 TTIAPSLSGK	312	127
>CTNNB1-T4 TTTAPSLSGK	8	>CTNNB1-T4 TTIAPSLSGK	4	4
>CTNNB1-T4 TTTAPSL	338	>CTNNB1-T4 TTIAPSL	100	238
>CTNNB1-T4 ATTTAPSLSGI	216	>CTNNB1-T4 ATTIAPSLSGK	424	208
>CTNNB1-T4 ATTTAPSLSGI	36	>CTNNB1-T4 ATTIAPSLSGK	42	6
>CTNNB1-T4 ATTTAPSLSGI	51	>CTNNB1-T4 ATTIAPSLSGK	71	20
>CTNNB1-T4 ATTTAPSLSGI	129	>CTNNB1-T4 ATTIAPSLSGK	156	27
>CTNNB1-T4 ATTTAPSL	16	>CTNNB1-T4 ATTIAPSL	9	7
>CTNNB1-T4 ATTTAPSL	362	>CTNNB1-T4 ATTIAPSL	645	283
>CTNNB1-T4 ATTTAPSLSGI	404	>CTNNB1-T4 ATTIAPSLSGK	257	147
>CTNNB1-T4 ATTTAPSL	368	>CTNNB1-T4 ATTIAPSL	234	134
>CTNNB1-T4 GATTTAPSL	272	>CTNNB1-T4 GATTIAPSL	1219	947
>CTNNB1-T4 GATTTAPSL	346	>CTNNB1-T4 GATTIAPSL	445	99
>CTNNB1-T4 HSGATTTAPS	33	>CTNNB1-T4 HSGATTIAPSI	65	32
>CTNNB1-T4 HSGATTTAPS	506	>CTNNB1-T4 HSGATTIAPSI	459	47
>CTNNB1-T4 IHSGATTT	9165	>CTNNB1-T4 IHSGATTI	320	8845
>CTNNB1-T4 GIHSGATTT	20527	>CTNNB1-T4 GIHSGATTI	457	20070
>CTNNB1-T4 GIHSGATTTA	432	>CTNNB1-T4 GIHSGATTIA	1332	900
>CTNNB1-T4 GIHSGATTT	1717	>CTNNB1-T4 GIHSGATTI	64	1653
>CTNNB1-T4 GIHSGATTTA	276	>CTNNB1-T4 GIHSGATTIA	875	599
>CTNNB1-T4 GIHSGATTTA	362	>CTNNB1-T4 GIHSGATTIA	1748	1386
>CTNNB1-T4 GIHSGATTT	17885	>CTNNB1-T4 GIHSGATTI	277	17608
>CTNNB1-T4 GIHSGATTT	3234	>CTNNB1-T4 GIHSGATTI	398	2836
>CTNNB1-T4 TAPSLSGK	164	>CTNNB1-T4 RAPSLSGK	3609	3445
>CTNNB1-T4 TTAPSLSGK	86	>CTNNB1-T4 TRAPSLSGK	16755	16669
>CTNNB1-T4 TTAPSLSGK	10	>CTNNB1-T4 TRAPSLSGK	12572	12562
>CTNNB1-T4 TTAPSLSGK	5	>CTNNB1-T4 TRAPSLSGK	1813	1808
>CTNNB1-T4 TTAPSLSGK	29605	>CTNNB1-T4 TRAPSLSGK	348	29257
>CTNNB1-T4 TTAPSLSGK	198	>CTNNB1-T4 TRAPSLSGK	10066	9868
>CTNNB1-T4 DSGIHS GATT	34204	>CTNNB1-T4 DSGIHS GATT	469	33735

>CTNNB1-T4 DSGIHSGATT	33302	>CTNNB1-T4 DSGIHSGATT	263	33039
>CTNNB1-T4 TTTAPSLSGK	59	>CTNNB1-T4 TTRAPSLSGK	46	13
>CTNNB1-T4 TTTAPSLSGK	15	>CTNNB1-T4 TTRAPSLSGK	54	39
>CTNNB1-T4 TTTAPSL	11986	>CTNNB1-T4 TTRAPSL	126	11860
>CTNNB1-T4 TTTAPSLSG	8554	>CTNNB1-T4 TTRAPSLSG	32	8522
>CTNNB1-T4 TTTAPSLSGK	439	>CTNNB1-T4 TTRAPSLSGK	5	434
>CTNNB1-T4 TTTAPSLSGK	13446	>CTNNB1-T4 TTRAPSLSGK	263	13183
>CTNNB1-T4 TTTAPSLSGK	8	>CTNNB1-T4 TTRAPSLSGK	25	17
>CTNNB1-T4 TTTAPSL	338	>CTNNB1-T4 TTRAPSL	7415	7077
>CTNNB1-T4 ATTTAPSLSGI	216	>CTNNB1-T4 ATTRAPSLSG	203	13
>CTNNB1-T4 ATTTAPSLSGI	36	>CTNNB1-T4 ATTRAPSLSG	40	4
>CTNNB1-T4 ATTTAPSLSGI	51	>CTNNB1-T4 ATTRAPSLSG	27	24
>CTNNB1-T4 ATTTAPSLSGI	129	>CTNNB1-T4 ATTRAPSLSG	189	60
>CTNNB1-T4 ATTTAPSL	16	>CTNNB1-T4 ATTRAPSL	22	6
>CTNNB1-T4 ATTTAPSL	362	>CTNNB1-T4 ATTRAPSL	389	27
>CTNNB1-T4 ATTTAPSLSGI	404	>CTNNB1-T4 ATTRAPSLSG	380	24
>CTNNB1-T4 ATTTAPSL	368	>CTNNB1-T4 ATTRAPSL	435	67
>CTNNB1-T4 GATTTAPSL	272	>CTNNB1-T4 GATTRAPSL	397	125
>CTNNB1-T4 GATTTAPSL	346	>CTNNB1-T4 GATTRAPSL	1893	1547
>CTNNB1-T4 HSGATTTAPS	33	>CTNNB1-T4 HSGATTRAPS	49	16
>CTNNB1-T4 GIHSGATTTA	432	>CTNNB1-T4 GIHSGATTRA	1123	691
>CTNNB1-T4 GIHSGATTTA	276	>CTNNB1-T4 GIHSGATTRA	1142	866
>CTNNB1-T4 GIHSGATTTA	362	>CTNNB1-T4 GIHSGATTRA	465	103
>CTNNB1-T4 GIHSGATTT	24169	>CTNNB1-T4 GIHSGATTR	284	23885
>CTNNB1-T4 GIHSGATTT	33553	>CTNNB1-T4 GIHSGATTR	439	33114
>CTNNB1-T4 TAPSLSGK	663	>CTNNB1-T4 SAPSLSGK	399	264
>CTNNB1-T4 TAPSLSGK	164	>CTNNB1-T4 SAPSLSGK	500	336
>CTNNB1-T4 TTAPSLSGK	86	>CTNNB1-T4 TSAPSLSGK	137	51
>CTNNB1-T4 TTAPSLSGK	10	>CTNNB1-T4 TSAPSLSGK	14	4
>CTNNB1-T4 TTAPSLSGK	5	>CTNNB1-T4 TSAPSLSGK	16	11
>CTNNB1-T4 TTAPSLSGK	198	>CTNNB1-T4 TSAPSLSGK	296	98
>CTNNB1-T4 TTTAPSLSGK	59	>CTNNB1-T4 TTSAPSLSGK	35	24
>CTNNB1-T4 TTTAPSLSGK	15	>CTNNB1-T4 TTSAPSLSGK	10	5
>CTNNB1-T4 TTTAPSLSGK	439	>CTNNB1-T4 TTSAPSLSGK	225	214
>CTNNB1-T4 TTTAPSLSGK	8	>CTNNB1-T4 TTSAPSLSGK	6	2
>CTNNB1-T4 TTTAPSL	338	>CTNNB1-T4 TTSAPSL	231	107
>CTNNB1-T4 ATTTAPSLSGI	216	>CTNNB1-T4 ATTSAPSLSGI	213	3
>CTNNB1-T4 ATTTAPSLSGI	36	>CTNNB1-T4 ATTSAPSLSGI	35	1
>CTNNB1-T4 ATTTAPSLSGI	51	>CTNNB1-T4 ATTSAPSLSGI	59	8
>CTNNB1-T4 ATTTAPSLSGI	129	>CTNNB1-T4 ATTSAPSLSGI	79	50
>CTNNB1-T4 ATTTAPSL	16	>CTNNB1-T4 ATTSAPSL	13	3
>CTNNB1-T4 ATTTAPSL	1096	>CTNNB1-T4 ATTSAPSL	409	687
>CTNNB1-T4 ATTTAPSL	362	>CTNNB1-T4 ATTSAPSL	122	240

>CTNNB1-T4. ATTTAPSLSGI	404	>CTNNB1-T4. ATTSAPSLSGI	284	120
>CTNNB1-T4. ATTTAPSL	368	>CTNNB1-T4. ATTSAPSL	263	105
>CTNNB1-T4. GATTTAPSL	272	>CTNNB1-T4. GATTSAPSL	79	193
>CTNNB1-T4. GATTTAPSL	346	>CTNNB1-T4. GATTSAPSL	375	29
>CTNNB1-T4. HSGATTTAPS	33	>CTNNB1-T4. HSGATTSAPS	21	12
>CTNNB1-T4. GIHSGATTTA	432	>CTNNB1-T4. GIHSGATTSA	375	57
>CTNNB1-T4. GIHSGATTTA	276	>CTNNB1-T4. GIHSGATTSA	238	38
>CTNNB1-T4. GIHSGATTTA	362	>CTNNB1-T4. GIHSGATTSA	427	65
>CTNNB1-T7. FTQEQVADI	369	>CTNNB1-T7. FAQEQVADI	1294	925
>CTNNB1-T7. FTQEQVADI	72	>CTNNB1-T7. FAQEQVADI	269	197
>CTNNB1-T7. FTQEQVADI	369	>CTNNB1-T7. FAQEQVADI	606	237
>CTNNB1-T7. FTQEQVADI	220	>CTNNB1-T7. FAQEQVADI	958	738
>CTNNB1-T7. FTQEQVADI	237	>CTNNB1-T7. FAQEQVADI	1665	1428
>CTNNB1-T7. FTQEQVADI	413	>CTNNB1-T7. FAQEQVADI	2471	2058
>CTNNB1-T7. FTQEQVADI	428	>CTNNB1-T7. FAQEQVADI	2047	1619
>CTNNB1-T7. FTQEQVADI	194	>CTNNB1-T7. FAQEQVADI	2396	2202
>CTNNB1-T7. FTQEQVADI	186	>CTNNB1-T7. FAQEQVADI	637	451
>CTNNB1-T7. EWEQGFSQS	305	>CTNNB1-T7. EWEQGFSQS	137	168
>CTNNB1-T7. SFTQEQVADI	519	>CTNNB1-T7. SFAQEQVADI	398	121
>CTNNB1-T7. QSFTQEQVAI	293	>CTNNB1-T7. QSFAQEQVAI	200	93
>CTNNB1-T7. QSFTQEQV	80	>CTNNB1-T7. QSFAQEQV	48	32
>CTNNB1-T7. QSFTQEQVAI	215	>CTNNB1-T7. QSFAQEQVAI	101	114
>CTNNB1-T7. QSFTQEQVAI	184	>CTNNB1-T7. QSFAQEQVAI	176	8
>CTNNB1-T7. SQSFTQEQV	174	>CTNNB1-T7. SQSFAQEQV	145	29
>CTNNB1-T7. SQSFTQEQV	288	>CTNNB1-T7. SQSFAQEQV	269	19
>CTNNB1-T7. SQSFTQEQV	130	>CTNNB1-T7. SQSFAQEQV	94	36
>CTNNB1-T7. SQSFTQEQV	363	>CTNNB1-T7. SQSFAQEQV	749	386
>CTNNB1-T7. SQSFTQEQV	265	>CTNNB1-T7. SQSFAQEQV	323	58
>CTNNB1-T7. FSQSFTQEQV	345	>CTNNB1-T7. FSQSFAQEQV	563	218
>CTNNB1-T7. FSQSFTQEQV	215	>CTNNB1-T7. FSQSFAQEQV	456	241
>CTNNB1-T7. FSQSFTQEQV	247	>CTNNB1-T7. FSQSFAQEQV	278	31
>CTNNB1-T7. FSQSFTQEQV	207	>CTNNB1-T7. FSQSFAQEQV	150	57
>CTNNB1-T7. WEQGFSSQSF	43	>CTNNB1-T7. WEQGFSSQSF	34	9
>CTNNB1-T7. WEQGFSSQSF	1402	>CTNNB1-T7. WEQGFSSQSF	297	1105
>CTNNB1-T7. WEQGFSSQSF	47	>CTNNB1-T7. WEQGFSSQSF	57	10
>CTNNB1-V2. VSHWQQQS\	2007	>CTNNB1-V2. ASHWQQQS\	441	1566
>CTNNB1-V2. VSHWQQQS\	2225	>CTNNB1-V2. ASHWQQQS\	212	2013
>CTNNB1-V2. VSHWQQQS\	1076	>CTNNB1-V2. ASHWQQQS\	83	993
>CTNNB1-V2. VSHWQQQS\	27	>CTNNB1-V2. ASHWQQQS\	35	8
>CTNNB1-V2. VSHWQQQS\	403	>CTNNB1-V2. ASHWQQQS\	269	134
>CTNNB1-V2. VSHWQQQS\	212	>CTNNB1-V2. ASHWQQQS\	149	63
>CTNNB1-V2. VSHWQQQS\	6	>CTNNB1-V2. ASHWQQQS\	6	0
>CTNNB1-V2. VSHWQQQS\	18	>CTNNB1-V2. ASHWQQQS\	20	2



>CTNNB1-V2 VSHWQQQS\	283	>CTNNB1-V2 ASHWQQQS\	1871	1588
>CTNNB1-V2 VSHWQQQS\	479	>CTNNB1-V2 ASHWQQQS\	768	289
>CTNNB1-V2 VSHWQQQS\	139	>CTNNB1-V2 ASHWQQQS\	131	8
>CTNNB1-V2 VSHWQQQS\	396	>CTNNB1-V2 ASHWQQQS\	1095	699
>CTNNB1-V2 AVSHWQQQ\	77	>CTNNB1-V2 AASHWQQQ\	452	375
>CTNNB1-V2 AVSHWQQQ\	245	>CTNNB1-V2 AASHWQQQ\	2227	1982
>CTNNB1-V2 AVSHWQQQ\	368	>CTNNB1-V2 AASHWQQQ\	1677	1309
>CTNNB1-V2 AVSHWQQQ\	40	>CTNNB1-V2 AASHWQQQ\	757	717
>CTNNB1-V2 AVSHWQQQ\	163	>CTNNB1-V2 AASHWQQQ\	3718	3555
>CTNNB1-V2 AVSHWQQQ\	140	>CTNNB1-V2 AASHWQQQ\	165	25
>CTNNB1-V2 AVSHWQQQ\	488	>CTNNB1-V2 AASHWQQQ\	2057	1569
>CTNNB1-V2 AVSHWQQQ\	333	>CTNNB1-V2 AASHWQQQ\	4750	4417
>CTNNB1-V2 AVSHWQQQ\	121	>CTNNB1-V2 AASHWQQQ\	167	46
>CTNNB1-V2 AVSHWQQQ\	396	>CTNNB1-V2 AASHWQQQ\	85	311
>CTNNB1-V2 AVSHWQQQ\	116	>CTNNB1-V2 AASHWQQQ\	16	100
>CTNNB1-V2 AVSHWQQQ\	1661	>CTNNB1-V2 AASHWQQQ\	189	1472
>CTNNB1-V2 AVSHWQQQ\	3744	>CTNNB1-V2 AASHWQQQ\	469	3275
>CTNNB1-V2 AVSHWQQQ\	378	>CTNNB1-V2 AASHWQQQ\	661	283
>CTNNB1-V2 AVSHWQQQ\	460	>CTNNB1-V2 AASHWQQQ\	747	287
>CTNNB1-V2 AVSHWQQQ\	282	>CTNNB1-V2 AASHWQQQ\	579	297
>CTNNB1-V2 MAMEPDRK\	299	>CTNNB1-V2 MAMEPDRK\	3596	3297
>CTNNB1-V2 MAMEPDRK\	258	>CTNNB1-V2 MAMEPDRK\	2673	2415
>CTNNB1-V2 MAMEPDRK\	165	>CTNNB1-V2 MAMEPDRK\	1176	1011
>CTNNB1-V2 MAMEPDRK\	45	>CTNNB1-V2 MAMEPDRK\	196	151
>CTNNB1-V2 MAMEPDRK\	35	>CTNNB1-V2 MAMEPDRK\	1906	1871
>CTNNB1-V2 MAMEPDRK\	453	>CTNNB1-V2 MAMEPDRK\	7964	7511
>CTNNB1-V2 MAMEPDRK\	76	>CTNNB1-V2 MAMEPDRK\	7013	6937
>CTNNB1-V2 MAMEPDRK\	7	>CTNNB1-V2 MAMEPDRK\	31	24
>CTNNB1-V2 MAMEPDRK\	24	>CTNNB1-V2 MAMEPDRK\	385	361
>CTNNB1-V2 MAMEPDRK\	372	>CTNNB1-V2 MAMEPDRK\	295	77
>CTNNB1-V2 MAMEPDRK\	285	>CTNNB1-V2 MAMEPDRK\	83	202
>CTNNB1-V2 AAVSHWQQ\	61	>CTNNB1-V2 AAASHWQQ\	269	208
>CTNNB1-V2 AAVSHWQQ\	459	>CTNNB1-V2 AAASHWQQ\	318	141
>CTNNB1-V2 AAVSHWQQ\	540	>CTNNB1-V2 AAASHWQQ\	174	366
>CTNNB1-V2 AAVSHWQQ\	144	>CTNNB1-V2 AAASHWQQ\	115	29
>CTNNB1-V2 AAVSHWQQ\	58	>CTNNB1-V2 AAASHWQQ\	66	8
>CTNNB1-V2 AAVSHWQQ\	10	>CTNNB1-V2 AAASHWQQ\	20	10
>CTNNB1-V2 AAVSHWQQ\	91	>CTNNB1-V2 AAASHWQQ\	84	7
>CTNNB1-V2 AAVSHWQQ\	112	>CTNNB1-V2 AAASHWQQ\	79	33
>CTNNB1-V2 KAAVSHWQC	641	>CTNNB1-V2 KAAASHWQC	385	256
>CTNNB1-V2 KAAVSHWQC	537	>CTNNB1-V2 KAAASHWQC	299	238
>CTNNB1-V2 RKAASHW	55	>CTNNB1-V2 RKAASHW	44	11
>CTNNB1-V2 RKAASHW	556	>CTNNB1-V2 RKAASHW	460	96

>CTNNB1-V2 RKA AVSHW	38	>CTNNB1-V2 RKA AASHW	94	56
>CTNNB1-V2 RKA AVSHW	203	>CTNNB1-V2 RKA AASHW	157	46
>CTNNB1-V2 EPDRKAAV	323	>CTNNB1-V2 EPDRKAAA	5148	4825
>CTNNB1-V2 EPDRKAAV\$	83	>CTNNB1-V2 EPDRKAAAS\$	111	28
>CTNNB1-V2 EPDRKAAV\$	13	>CTNNB1-V2 EPDRKAAAS\$	16	3
>CTNNB1-V2 MEPDRKAAV	112	>CTNNB1-V2 MEPDRKAAA	6939	6827
>CTNNB1-V2 MEPDRKAAV	196	>CTNNB1-V2 MEPDRKAAA	4331	4135
>CTNNB1-V2 AMEPDRKAA	346	>CTNNB1-V2 AMEPDRKAA	2266	1920
>CTNNB1-V2 AMEPDRKAA	46	>CTNNB1-V2 AMEPDRKAA	1649	1603
>CTNNB1-V2 AMEPDRKAA	71	>CTNNB1-V2 AMEPDRKAA	2264	2193
>CTNNB1-V2 AMEPDRKAA	3	>CTNNB1-V2 AMEPDRKAA	51	48
>CTNNB1-V2 VSHWQQQS\$	551	>CTNNB1-V2 ISHWQQQSY	367	184
>CTNNB1-V2 VSHWQQQS\$	1076	>CTNNB1-V2 ISHWQQQSY	402	674
>CTNNB1-V2 VSHWQQQS\$	27	>CTNNB1-V2 ISHWQQQSY	26	1
>CTNNB1-V2 VSHWQQQS\$	403	>CTNNB1-V2 ISHWQQQSY	328	75
>CTNNB1-V2 VSHWQQQS\$	212	>CTNNB1-V2 ISHWQQQSY	99	113
>CTNNB1-V2 VSHWQQQS\$	6	>CTNNB1-V2 ISHWQQQSY	4	2
>CTNNB1-V2 VSHWQQQS\$	18	>CTNNB1-V2 ISHWQQQSY	10	8
>CTNNB1-V2 VSHWQQQS\$	636	>CTNNB1-V2 ISHWQQQSY	379	257
>CTNNB1-V2 VSHWQQQS\$	1219	>CTNNB1-V2 ISHWQQQSY	309	910
>CTNNB1-V2 VSHWQQQS\$	283	>CTNNB1-V2 ISHWQQQSY	145	138
>CTNNB1-V2 VSHWQQQS\$	829	>CTNNB1-V2 ISHWQQQSY	383	446
>CTNNB1-V2 VSHWQQQS\$	479	>CTNNB1-V2 ISHWQQQSY	258	221
>CTNNB1-V2 VSHWQQQS\$	139	>CTNNB1-V2 ISHWQQQSY	262	123
>CTNNB1-V2 VSHWQQQS\$	396	>CTNNB1-V2 ISHWQQQSY	255	141
>CTNNB1-V2 AVSHWQQQ\$	77	>CTNNB1-V2 AISHWQQQS	32	45
>CTNNB1-V2 AVSHWQQQ\$	245	>CTNNB1-V2 AISHWQQQS	95	150
>CTNNB1-V2 AVSHWQQQ\$	368	>CTNNB1-V2 AISHWQQQS	115	253
>CTNNB1-V2 AVSHWQQQ\$	1243	>CTNNB1-V2 AISHWQQQS	417	826
>CTNNB1-V2 AVSHWQQQ\$	40	>CTNNB1-V2 AISHWQQQS	15	25
>CTNNB1-V2 AVSHWQQQ\$	681	>CTNNB1-V2 AISHWQQQS	484	197
>CTNNB1-V2 AVSHWQQQ\$	163	>CTNNB1-V2 AISHWQQQS	615	452
>CTNNB1-V2 AVSHWQQQ\$	140	>CTNNB1-V2 AISHWQQQS	202	62
>CTNNB1-V2 AVSHWQQQ\$	488	>CTNNB1-V2 AISHWQQQS	1576	1088
>CTNNB1-V2 AVSHWQQQ\$	333	>CTNNB1-V2 AISHWQQQS	872	539
>CTNNB1-V2 AVSHWQQQ\$	121	>CTNNB1-V2 AISHWQQQS	114	7
>CTNNB1-V2 AVSHWQQQ\$	396	>CTNNB1-V2 AISHWQQQS	280	116
>CTNNB1-V2 AVSHWQQQ\$	116	>CTNNB1-V2 AISHWQQQS	538	422
>CTNNB1-V2 AVSHWQQQ\$	378	>CTNNB1-V2 AISHWQQQS	484	106
>CTNNB1-V2 AVSHWQQQ\$	460	>CTNNB1-V2 AISHWQQQS	1478	1018
>CTNNB1-V2 AVSHWQQQ\$	282	>CTNNB1-V2 AISHWQQQS	267	15
>CTNNB1-V2 MAMEPDRK/	299	>CTNNB1-V2 MAMEPDRK/	1599	1300
>CTNNB1-V2 MAMEPDRK/	258	>CTNNB1-V2 MAMEPDRK/	1270	1012

>CTNNB1-V2 MAMEPDRK/	165	>CTNNB1-V2 MAMEPDRK/	1021	856
>CTNNB1-V2 MAMEPDRK/	45	>CTNNB1-V2 MAMEPDRK/	148	103
>CTNNB1-V2 MAMEPDRK/	35	>CTNNB1-V2 MAMEPDRK/	497	462
>CTNNB1-V2 MAMEPDRK/	453	>CTNNB1-V2 MAMEPDRK/	3640	3187
>CTNNB1-V2 MAMEPDRK/	76	>CTNNB1-V2 MAMEPDRK/	6098	6022
>CTNNB1-V2 MAMEPDRK/	7	>CTNNB1-V2 MAMEPDRK/	14	7
>CTNNB1-V2 MAMEPDRK/	24	>CTNNB1-V2 MAMEPDRK/	96	72
>CTNNB1-V2 MAMEPDRK/	1133	>CTNNB1-V2 MAMEPDRK/	153	980
>CTNNB1-V2 MAMEPDRK/	372	>CTNNB1-V2 MAMEPDRK/	251	121
>CTNNB1-V2 MAMEPDRK/	285	>CTNNB1-V2 MAMEPDRK/	1399	1114
>CTNNB1-V2 MAMEPDRK/	2808	>CTNNB1-V2 MAMEPDRK/	56	2752
>CTNNB1-V2 AAVSHWQQC	61	>CTNNB1-V2 AAISHWQQC	29	32
>CTNNB1-V2 AAVSHWQQC	459	>CTNNB1-V2 AAISHWQQC	196	263
>CTNNB1-V2 AAVSHWQQC	540	>CTNNB1-V2 AAISHWQQC	329	211
>CTNNB1-V2 AAVSHWQQC	144	>CTNNB1-V2 AAISHWQQC	87	57
>CTNNB1-V2 AAVSHWQQC	58	>CTNNB1-V2 AAISHWQQC	39	19
>CTNNB1-V2 AAVSHWQQC	10	>CTNNB1-V2 AAISHWQQC	11	1
>CTNNB1-V2 AAVSHWQQC	91	>CTNNB1-V2 AAISHWQQC	95	4
>CTNNB1-V2 AAVSHWQQC	112	>CTNNB1-V2 AAISHWQQC	112	0
>CTNNB1-V2 RKA AVSHW	55	>CTNNB1-V2 RKA AISHW	63	8
>CTNNB1-V2 RKA AVSHW	38	>CTNNB1-V2 RKA AISHW	82	44
>CTNNB1-V2 RKA AVSHW	203	>CTNNB1-V2 RKA AISHW	119	84
>CTNNB1-V2 EPDRKAAV	323	>CTNNB1-V2 EPDRKAAI	1609	1286
>CTNNB1-V2 EPDRKAAVSH	83	>CTNNB1-V2 EPDRKAAISH	89	6
>CTNNB1-V2 EPDRKAAVSH	13	>CTNNB1-V2 EPDRKAAISH	13	0
>CTNNB1-V2 MEPDRKAAV	112	>CTNNB1-V2 MEPDRKAAI	19	93
>CTNNB1-V2 MEPDRKAAV	196	>CTNNB1-V2 MEPDRKAAI	66	130
>CTNNB1-V2 AMEPDRKAA	346	>CTNNB1-V2 AMEPDRKAA	1252	906
>CTNNB1-V2 AMEPDRKAA	46	>CTNNB1-V2 AMEPDRKAA	452	406
>CTNNB1-V2 AMEPDRKAA	71	>CTNNB1-V2 AMEPDRKAA	514	443
>CTNNB1-V2 AMEPDRKAA	3	>CTNNB1-V2 AMEPDRKAA	47	44
>CTNNB1-V5 VDTSQVLYEV	4325	>CTNNB1-V5 ADTSQVLYEV	248	4077
>CTNNB1-V5 DV DTSQVLY	25	>CTNNB1-V5 DADTSQVLY	34	9
>CTNNB1-V5 DV DTSQVLY	1299	>CTNNB1-V5 DADTSQVLY	448	851
>CTNNB1-V5 DV DTSQVLYE	2833	>CTNNB1-V5 DADTSQVLYE	323	2510
>CTNNB1-V5 DV DTSQVLY	404	>CTNNB1-V5 DADTSQVLY	979	575
>CTNNB1-V5 EDVDTSQV	1247	>CTNNB1-V5 EDADTSQV	291	956
>CTNNB1-V5 EDVDTSQV	1007	>CTNNB1-V5 EDADTSQV	473	534
>CTNNB1-V5 EDVDTSQV	205	>CTNNB1-V5 EDADTSQV	177	28
>CTNNB1-V5 EEDVDTSQV	208	>CTNNB1-V5 EEDADTSQV	382	174
>CTNNB1-V5 EEDVDTSQVL	274	>CTNNB1-V5 EEDADTSQVL	79	195
>CTNNB1-V5 EEDVDTSQVL	601	>CTNNB1-V5 EEDADTSQVL	484	117
>CTNNB1-V5 EEDVDTSQVL	476	>CTNNB1-V5 EEDADTSQVL	355	121

>CTNNB1-V5 EEDVDTSQV	464	>CTNNB1-V5 EEDADTSQV	605	141
>CTNNB1-V5 EEEDVDTSQV	178	>CTNNB1-V5 EEEDADTSQV	288	110
>CTNNB1-V5 EEEDVDTSQV	50	>CTNNB1-V5 EEEDADTSQV	50	0
>CTNNB1-V5 EEEDVDTSQV	445	>CTNNB1-V5 EEEDADTSQV	448	3
>CTNNB1-V5 PEEEDVDTSQV	368	>CTNNB1-V5 PEEEDADTSQV	931	563
>CTNNB1-V5 NPEEEDVDTSQV	474	>CTNNB1-V5 NPEEEDADTSQV	417	57
>CTNNB1-V5 VDTSQVLY	648	>CTNNB1-V5 MDTSQVLY	135	513
>CTNNB1-V5 VDTSQVLYEV	1128	>CTNNB1-V5 MDTSQVLYEV	400	728
>CTNNB1-V5 VDTSQVLYEV	5803	>CTNNB1-V5 MDTSQVLYEV	302	5501
>CTNNB1-V5 DVDTSQVLY	25	>CTNNB1-V5 DMDTSQVLY	25	0
>CTNNB1-V5 DVDTSQVLY	577	>CTNNB1-V5 DMDTSQVLY	181	396
>CTNNB1-V5 DVDTSQVL	4082	>CTNNB1-V5 DMDTSQVL	443	3639
>CTNNB1-V5 DVDTSQVLY	404	>CTNNB1-V5 DMDTSQVLY	295	109
>CTNNB1-V5 EDVDTSQV	1247	>CTNNB1-V5 EDMDTSQV	339	908
>CTNNB1-V5 EDVDTSQV	1007	>CTNNB1-V5 EDMDTSQV	173	834
>CTNNB1-V5 EDVDTSQVL	675	>CTNNB1-V5 EDMDTSQVL	133	542
>CTNNB1-V5 EDVDTSQV	205	>CTNNB1-V5 EDMDTSQV	186	19
>CTNNB1-V5 EEDVDTSQV	208	>CTNNB1-V5 EEDMDTSQV	68	140
>CTNNB1-V5 EEDVDTSQVL	274	>CTNNB1-V5 EEDMDTSQV	333	59
>CTNNB1-V5 EEDVDTSQVL	476	>CTNNB1-V5 EEDMDTSQV	471	5
>CTNNB1-V5 EEDVDTSQV	464	>CTNNB1-V5 EEDMDTSQV	914	450
>CTNNB1-V5 EEDVDTSQVL	677	>CTNNB1-V5 EEDMDTSQV	114	563
>CTNNB1-V5 EEEDVDTSQV	178	>CTNNB1-V5 EEEDMDTSQV	172	6
>CTNNB1-V5 EEEDVDTSQV	50	>CTNNB1-V5 EEEDMDTSQV	71	21
>CTNNB1-V5 EEEDVDTSQV	445	>CTNNB1-V5 EEEDMDTSQV	324	121
>CTNNB1-V5 PEEEDVDTSQV	368	>CTNNB1-V5 PEEEDMDTSQV	567	199
>CTNNB1-V5 NPEEEDVDTSQV	474	>CTNNB1-V5 NPEEEDMDTSQV	527	53
>CTNNB1-W:WQQQSYLDS	268	>CTNNB1-W:LQQQSYLDS	729	461
>CTNNB1-W:WQQQSYLDS	760	>CTNNB1-W:LQQQSYLDS	453	307
>CTNNB1-W:WQQQSYLDS	431	>CTNNB1-W:LQQQSYLDS	259	172
>CTNNB1-W:WQQQSYLDS	187	>CTNNB1-W:LQQQSYLDS	184	3
>CTNNB1-W:HWQQQSYL	21857	>CTNNB1-W:HLQQQSYL	408	21449
>CTNNB1-W:HWQQQSYL	5478	>CTNNB1-W:HLQQQSYL	16	5462
>CTNNB1-W:HWQQQSYL	22150	>CTNNB1-W:HLQQQSYL	465	21685
>CTNNB1-W:HWQQQSYL	20859	>CTNNB1-W:HLQQQSYL	49	20810
>CTNNB1-W:HWQQQSYL	19227	>CTNNB1-W:HLQQQSYL	14	19213
>CTNNB1-W:HWQQQSYL	23956	>CTNNB1-W:HLQQQSYL	180	23776
>CTNNB1-W:HWQQQSYL	22650	>CTNNB1-W:HLQQQSYL	272	22378
>CTNNB1-W:HWQQQSYL	22227	>CTNNB1-W:HLQQQSYL	7	22220
>CTNNB1-W:HWQQQSYL	22	>CTNNB1-W:HLQQQSYL	6423	6401
>CTNNB1-W:HWQQQSYL	116	>CTNNB1-W:HLQQQSYL	24225	24109
>CTNNB1-W:HWQQQSYL	297	>CTNNB1-W:HLQQQSYL	30752	30455
>CTNNB1-W:EPDRKAAVSH	83	>CTNNB1-W:EPDRKAAVSH	3276	3193

>CTNNB1-W; EPDRKAAVSH	13	>CTNNB1-W; EPDRKAAVSH	2698	2685
>CTNNB1-W; SHWQQQSYL	957	>CTNNB1-W; SHLQQQSYL	354	603
>CTNNB1-W; SHWQQQSY	180	>CTNNB1-W; SHLQQQSY	1011	831
>CTNNB1-W; SHWQQQSY	158	>CTNNB1-W; SHLQQQSY	444	286
>CTNNB1-W; SHWQQQSY	63	>CTNNB1-W; SHLQQQSY	120	57
>CTNNB1-W; SHWQQQSYL	75	>CTNNB1-W; SHLQQQSYL	226	151
>CTNNB1-W; SHWQQQSYL	892	>CTNNB1-W; SHLQQQSYL	343	549
>CTNNB1-W; VSHWQQQS)	27	>CTNNB1-W; VSHLQQQSY	136	109
>CTNNB1-W; VSHWQQQS)	403	>CTNNB1-W; VSHLQQQSY	409	6
>CTNNB1-W; VSHWQQQS)	212	>CTNNB1-W; VSHLQQQSY	177	35
>CTNNB1-W; VSHWQQQS)	6	>CTNNB1-W; VSHLQQQSY	9	3
>CTNNB1-W; VSHWQQQS)	18	>CTNNB1-W; VSHLQQQSYI	31	13
>CTNNB1-W; VSHWQQQS)	283	>CTNNB1-W; VSHLQQQSY	2050	1767
>CTNNB1-W; VSHWQQQS)	479	>CTNNB1-W; VSHLQQQSY	905	426
>CTNNB1-W; VSHWQQQS)	139	>CTNNB1-W; VSHLQQQSYI	118	21
>CTNNB1-W; VSHWQQQS)	396	>CTNNB1-W; VSHLQQQSYI	2393	1997
>CTNNB1-W; AVSHWQQQ)	77	>CTNNB1-W; AVSHLQQQS'	38	39
>CTNNB1-W; AVSHWQQQ)	245	>CTNNB1-W; AVSHLQQQS'	468	223
>CTNNB1-W; AVSHWQQQ)	368	>CTNNB1-W; AVSHLQQQS'	1891	1523
>CTNNB1-W; AVSHWQQQ)	40	>CTNNB1-W; AVSHLQQQS'	274	234
>CTNNB1-W; AVSHWQQQ)	163	>CTNNB1-W; AVSHLQQQS'	490	327
>CTNNB1-W; AVSHWQQQ)	140	>CTNNB1-W; AVSHLQQQS'	392	252
>CTNNB1-W; AVSHWQQQ)	488	>CTNNB1-W; AVSHLQQQS'	544	56
>CTNNB1-W; AVSHWQQQ)	333	>CTNNB1-W; AVSHLQQQS'	251	82
>CTNNB1-W; AVSHWQQQ)	121	>CTNNB1-W; AVSHLQQQS'	149	28
>CTNNB1-W; AVSHWQQQ)	396	>CTNNB1-W; AVSHLQQQS'	464	68
>CTNNB1-W; AVSHWQQQ)	116	>CTNNB1-W; AVSHLQQQS'	173	57
>CTNNB1-W; AVSHWQQQ)	378	>CTNNB1-W; AVSHLQQQS'	343	35
>CTNNB1-W; AVSHWQQQ)	460	>CTNNB1-W; AVSHLQQQS'	434	26
>CTNNB1-W; AVSHWQQQ)	282	>CTNNB1-W; AVSHLQQQS'	110	172
>CTNNB1-W; AAVSHWQQQ)	61	>CTNNB1-W; AAVSHLQQQ	26	35
>CTNNB1-W; AAVSHWQQQ)	459	>CTNNB1-W; AAVSHLQQQ	788	329
>CTNNB1-W; AAVSHWQQQ)	144	>CTNNB1-W; AAVSHLQQQ	151	7
>CTNNB1-W; AAVSHWQQQ)	58	>CTNNB1-W; AAVSHLQQQ	53	5
>CTNNB1-W; AAVSHWQQQ)	10	>CTNNB1-W; AAVSHLQQQ	10	0
>CTNNB1-W; AAVSHWQQQ)	91	>CTNNB1-W; AAVSHLQQQ	223	132
>CTNNB1-W; AAVSHWQQQ)	112	>CTNNB1-W; AAVSHLQQQ	190	78
>CTNNB1-W; RKA AVSHW	55	>CTNNB1-W; RKA AVSHL	15	40
>CTNNB1-W; RKA AVSHW	38	>CTNNB1-W; RKA AVSHL	11467	11429
>CTNNB1-W; RKA AVSHW	4938	>CTNNB1-W; RKA AVSHL	352	4586
>CTNNB1-W; RKA AVSHW	203	>CTNNB1-W; RKA AVSHL	24597	24394
>CTNNB1-W; DRKA AVSHW	22349	>CTNNB1-W; DRKA AVSHL	445	21904
>CTNNB1-W; WTLRNLSDA)	265	>CTNNB1-W; GTLRNLSDAA	1175	910

>CTNNB1-W:WTLRNLSDA/	432	>CTNNB1-W:GTLRNLSDAA	10060	9628
>CTNNB1-W:LWTLRNL	419	>CTNNB1-W:LGTLRNL	35889	35470
>CTNNB1-W:LWTLRNLSDA/	87	>CTNNB1-W:LGTLRNLSDA	31116	31029
>CTNNB1-W:PSQRLVQNCI	465	>CTNNB1-W:PSQRLVQNCI	25580	25115
>CTNNB1-W:PSQRLVQNCI	298	>CTNNB1-W:PSQRLVQNCI	21615	21317
>CTNNB1-W:CLWTLRNL	262	>CTNNB1-W:CLGTLRNL	6405	6143
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>CTNNB1-W:CLWTLRNL	387	>CTNNB1-W:CLGTLRNL	3309	2922
>CTNNB1-W:CLWTLRNL	87	>CTNNB1-W:CLGTLRNL	484	397
>CTNNB1-W:CLWTLRNLSE	178	>CTNNB1-W:CLGTLRNLSD	1065	887
>CTNNB1-W:CLWTLRNL	474	>CTNNB1-W:CLGTLRNL	1066	592
>CTNNB1-W:QNCLWTLR	144	>CTNNB1-W:QNCLGTLR	747	603
>CTNNB1-W:VQNCLWTL	304	>CTNNB1-W:VQNCLGTL	6663	6359
>CTNNB1-W:VQNCLWTL	246	>CTNNB1-W:VQNCLGTL	1232	986
>CTNNB1-W:VQNCLWTL	236	>CTNNB1-W:VQNCLGTL	246	10
>CTNNB1-W:VQNCLWTLR	402	>CTNNB1-W:VQNCLGTLR	439	37
>CTNNB1-W:VQNCLWTL	13	>CTNNB1-W:VQNCLGTL	153	140
>CTNNB1-W:VQNCLWTLR	297	>CTNNB1-W:VQNCLGTLR	854	557
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>CTNNB1-W:VQNCLWTLR	19	>CTNNB1-W:VQNCLGTLR	32	13
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>CTNNB1-W:VQNCLWTL	115	>CTNNB1-W:VQNCLGTL	179	64
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>CTNNB1-W:LVQNCLWTL	39	>CTNNB1-W:LVQNCLGTL	2470	2431
>CTNNB1-W:LVQNCLWTL	139	>CTNNB1-W:LVQNCLGTL	1923	1784
>CTNNB1-W:LVQNCLWTL	9	>CTNNB1-W:LVQNCLGTL	482	473
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>CTNNB1-W:LVQNCLWTL	399	>CTNNB1-W:LVQNCLGTL	4838	4439
>CTNNB1-W:LVQNCLWTLI	30	>CTNNB1-W:LVQNCLGTLR	41	11
>CTNNB1-W:LVQNCLWTLI	542	>CTNNB1-W:LVQNCLGTLR	244	298
>CTNNB1-W:LVQNCLWTLI	55	>CTNNB1-W:LVQNCLGTLR	43	12
>CTNNB1-W:LVQNCLWTL	878	>CTNNB1-W:LVQNCLGTL	96	782
>CTNNB1-W:RLVQNCLWT	19	>CTNNB1-W:RLVQNCLGTL	144	125
>CTNNB1-W:RLVQNCLWT	37	>CTNNB1-W:RLVQNCLGTL	130	93
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>CTNNB1-W:RLVQNCLWT	49	>CTNNB1-W:RLVQNCLGTL	309	260
>CTNNB1-W:RLVQNCLWT	9	>CTNNB1-W:RLVQNCLGTL	34	25

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>CTNNB1-W:RLVQNCLWT	119	>CTNNB1-W:RLVQNCLGTL	1480	1361
>CTNNB1-W:RLVQNCLWT	230	>CTNNB1-W:RLVQNCLGT	494	264
>CTNNB1-W:RLVQNCLWT	4	>CTNNB1-W:RLVQNCLGTL	11	7
>CTNNB1-W:RLVQNCLWT	434	>CTNNB1-W:RLVQNCLGTL	574	140
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>CTNNB1-W:RLVQNCLW	298	>CTNNB1-W:RLVQNCLG	24185	23887
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>CTNNB1-W:QRLVQNCLW	424	>CTNNB1-W:QRLVQNCLG	695	271
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>CTNNB1-W:QRLVQNCLW	102	>CTNNB1-W:QRLVQNCLG	58	44
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>CTNNB1-W:WTLRNLSDA	12184	>CTNNB1-W:RTLRLNSDA	78	12106
>CTNNB1-W:WTLRNLSDA/	11655	>CTNNB1-W:RTLRLNSDAA	70	11585
>CTNNB1-W:WTLRNLSDA/	432	>CTNNB1-W:RTLRLNSDAA	5174	4742
>CTNNB1-W:WTLRNLSDA/	3545	>CTNNB1-W:RTLRLNSDAA	342	3203
>CTNNB1-W:LWTLRNL	419	>CTNNB1-W:LRTLRLNS	35693	35274
>CTNNB1-W:LWTLRNLSD/	87	>CTNNB1-W:LRTLRLNSDA/	30568	30481
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>CTNNB1-W:PSQRLVQNCI	298	>CTNNB1-W:PSQRLVQNCI	22234	21936
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>CTNNB1-W:CLWTLRNL	150	>CTNNB1-W:CLRTLRLNL	7970	7820
>CTNNB1-W:CLWTLRNL	387	>CTNNB1-W:CLRTLRLNL	14481	14094
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>CTNNB1-W:CLWTLRNLSE	178	>CTNNB1-W:CLRTLRLNSD/	1853	1675
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>CTNNB1-W:VQNCLWTL	304	>CTNNB1-W:VQNCLRRTL	8125	7821
>CTNNB1-W:VQNCLWTL	246	>CTNNB1-W:VQNCLRRTL	2338	2092
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>CTNNB1-W:VQNCLWTLR	402	>CTNNB1-W:VQNCLRTLRL	846	444
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>CTNNB1-W:VQNCLWTL	145	>CTNNB1-W:VQNCLRRTL	4212	4067
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>CTNNB1-Y3 YLDSGIHSGA	24	>CTNNB1-Y3 CLDSGIHSGA	222	198
>CTNNB1-Y3 YLDSGIHSGA!	284	>CTNNB1-Y3 CLDSGIHSGA!	5096	4812

>CTNNB1-Y3 YLDSGIHSGA	32	>CTNNB1-Y3 CLDSGIHSGA	369	337
>CTNNB1-Y3 YLDSGIHSGA	78	>CTNNB1-Y3 CLDSGIHSGA	2150	2072
>CTNNB1-Y3 YLDSGIHS	419	>CTNNB1-Y3 CLDSGIHS	8955	8536
>CTNNB1-Y3 YLDSGIHSGA	280	>CTNNB1-Y3 CLDSGIHSGA	5375	5095
>CTNNB1-Y3 YLDSGIHSGA	178	>CTNNB1-Y3 CLDSGIHSGA	4787	4609
>CTNNB1-Y3 YLDSGIHS	47	>CTNNB1-Y3 CLDSGIHS	3002	2955
>CTNNB1-Y3 YLDSGIHSG	15	>CTNNB1-Y3 CLDSGIHSG	1133	1118
>CTNNB1-Y3 YLDSGIHSGA	2	>CTNNB1-Y3 CLDSGIHSGA	38	36
>CTNNB1-Y3 YLDSGIHSGA	12	>CTNNB1-Y3 CLDSGIHSGA	649	637
>CTNNB1-Y3 YLDSGIHS	395	>CTNNB1-Y3 CLDSGIHS	8008	7613
>CTNNB1-Y3 YLDSGIHSG	139	>CTNNB1-Y3 CLDSGIHSG	3154	3015
>CTNNB1-Y3 YLDSGIHSGA	8	>CTNNB1-Y3 CLDSGIHSGA	293	285
>CTNNB1-Y3 YLDSGIHSGA	83	>CTNNB1-Y3 CLDSGIHSGA	3364	3281
>CTNNB1-Y3 YLDSGIHS	101	>CTNNB1-Y3 CLDSGIHS	8699	8598
>CTNNB1-Y3 YLDSGIHSG	140	>CTNNB1-Y3 CLDSGIHSG	9965	9825
>CTNNB1-Y3 YLDSGIHSGA	7	>CTNNB1-Y3 CLDSGIHSGA	293	286
>CTNNB1-Y3 YLDSGIHSGA	121	>CTNNB1-Y3 CLDSGIHSGA	5558	5437
>CTNNB1-Y3 YLDSGIHSGA	7	>CTNNB1-Y3 CLDSGIHSGA	123	116
>CTNNB1-Y3 YLDSGIHSGA	255	>CTNNB1-Y3 CLDSGIHSGA	2428	2173
>CTNNB1-Y3 YLDSGIHS	66	>CTNNB1-Y3 CLDSGIHS	5122	5056
>CTNNB1-Y3 YLDSGIHSG	13	>CTNNB1-Y3 CLDSGIHSG	2181	2168
>CTNNB1-Y3 YLDSGIHSGA	2	>CTNNB1-Y3 CLDSGIHSGA	28	26
>CTNNB1-Y3 YLDSGIHSGA	36	>CTNNB1-Y3 CLDSGIHSGA	1461	1425
>CTNNB1-Y3 SYLDSGIHSG/	410	>CTNNB1-Y3 SCLDSGIHSG/	31354	30944
>CTNNB1-Y3 AAVSHWQQ(	61	>CTNNB1-Y3 AAVSHWQQ(	26558	26497
>CTNNB1-Y3 AAVSHWQQ(	459	>CTNNB1-Y3 AAVSHWQQ(	25561	25102
>CTNNB1-Y3 AAVSHWQQ(	144	>CTNNB1-Y3 AAVSHWQQ(	17135	16991
>CTNNB1-Y3 AAVSHWQQ(	58	>CTNNB1-Y3 AAVSHWQQ(	6603	6545
>CTNNB1-Y3 AAVSHWQQ(	10	>CTNNB1-Y3 AAVSHWQQ(	12321	12311
>CTNNB1-Y3 AAVSHWQQ(	91	>CTNNB1-Y3 AAVSHWQQ(	15593	15502
>CTNNB1-Y3 AAVSHWQQ(	112	>CTNNB1-Y3 AAVSHWQQ(	32738	32626
>CTNNB1-Y3 QSYLDSGI	46	>CTNNB1-Y3 QSCLDSGI	630	584
>CTNNB1-Y3 QSYLDSGI	22	>CTNNB1-Y3 QSCLDSGI	73	51
>CTNNB1-Y3 QQSYLDSGI	417	>CTNNB1-Y3 QQSCLDSGI	405	12
>CTNNB1-Y3 QQQSYLDSGI	381	>CTNNB1-Y3 QQQSCLDSGI	497	116
>CTNNB1-Y3 WQQQSYLDS	268	>CTNNB1-Y3 WQQQSCLDS	289	21
>CTNNB1-Y3 WQQQSYLDS	431	>CTNNB1-Y3 WQQQSCLDS	403	28
>CTNNB1-Y3 WQQQSYLDS	187	>CTNNB1-Y3 WQQQSCLDS	273	86
>CTNNB1-Y3 HWQQQSYL	22	>CTNNB1-Y3 HWQQQSCL	286	264
>CTNNB1-Y3 HWQQQSYL	116	>CTNNB1-Y3 HWQQQSCL	418	302
>CTNNB1-Y3 HWQQQSYLI	297	>CTNNB1-Y3 HWQQQSCLI	487	190
>CTNNB1-Y3 SHWQQQSY	180	>CTNNB1-Y3 SHWQQQSC	24918	24738
>CTNNB1-Y3 SHWQQQSY	158	>CTNNB1-Y3 SHWQQQSC	23525	23367

>CTNNB1-Y3 SHWQQQSY	63	>CTNNB1-Y3 SHWQQQSC	8451	8388
>CTNNB1-Y3 SHWQQQSYL	75	>CTNNB1-Y3 SHWQQQSCI	260	185
>CTNNB1-Y3 SHWQQQSYL	892	>CTNNB1-Y3 SHWQQQSCI	137	755
>CTNNB1-Y3 VSHWQQQS\	27	>CTNNB1-Y3 VSHWQQQS\	13966	13939
>CTNNB1-Y3 VSHWQQQS\	403	>CTNNB1-Y3 VSHWQQQS\	21210	20807
>CTNNB1-Y3 VSHWQQQS\	212	>CTNNB1-Y3 VSHWQQQS\	19202	18990
>CTNNB1-Y3 VSHWQQQS\	6	>CTNNB1-Y3 VSHWQQQS\	6486	6480
>CTNNB1-Y3 VSHWQQQS\	18	>CTNNB1-Y3 VSHWQQQS\	139	121
>CTNNB1-Y3 VSHWQQQS\	283	>CTNNB1-Y3 VSHWQQQS\	13871	13588
>CTNNB1-Y3 VSHWQQQS\	479	>CTNNB1-Y3 VSHWQQQS\	24249	23770
>CTNNB1-Y3 VSHWQQQS\	139	>CTNNB1-Y3 VSHWQQQS\	730	591
>CTNNB1-Y3 VSHWQQQS\	396	>CTNNB1-Y3 VSHWQQQS\	202	194
>CTNNB1-Y3 AVSHWQQQ\	77	>CTNNB1-Y3 AVSHWQQQ\	484	407
>CTNNB1-Y3 AVSHWQQQ\	245	>CTNNB1-Y3 AVSHWQQQ\	1984	1739
>CTNNB1-Y3 AVSHWQQQ\	368	>CTNNB1-Y3 AVSHWQQQ\	3988	3620
>CTNNB1-Y3 AVSHWQQQ\	40	>CTNNB1-Y3 AVSHWQQQ\	260	220
>CTNNB1-Y3 AVSHWQQQ\	163	>CTNNB1-Y3 AVSHWQQQ\	33331	33168
>CTNNB1-Y3 AVSHWQQQ\	140	>CTNNB1-Y3 AVSHWQQQ\	27543	27403
>CTNNB1-Y3 AVSHWQQQ\	488	>CTNNB1-Y3 AVSHWQQQ\	2985	2497
>CTNNB1-Y3 AVSHWQQQ\	333	>CTNNB1-Y3 AVSHWQQQ\	27444	27111
>CTNNB1-Y3 AVSHWQQQ\	121	>CTNNB1-Y3 AVSHWQQQ\	15653	15532
>CTNNB1-Y3 AVSHWQQQ\	396	>CTNNB1-Y3 AVSHWQQQ\	14566	14170
>CTNNB1-Y3 AVSHWQQQ\	116	>CTNNB1-Y3 AVSHWQQQ\	21457	21341
>CTNNB1-Y3 AVSHWQQQ\	378	>CTNNB1-Y3 AVSHWQQQ\	26470	26092
>CTNNB1-Y3 AVSHWQQQ\	460	>CTNNB1-Y3 AVSHWQQQ\	1715	1255
>CTNNB1-Y3 AVSHWQQQ\	282	>CTNNB1-Y3 AVSHWQQQ\	36049	35767
>CXCR7-S15L FSDISWPC	12417	>CXCR7-S15L FLDISWPC	221	12196
>CXCR7-S15L FSDISWPC	10812	>CXCR7-S15L FLDISWPC	318	10494
>CXCR7-S15L FSDISWPC	706	>CXCR7-S15L FLDISWPC	68	638
>CXCR7-S15L FSDISWPC	3719	>CXCR7-S15L FLDISWPC	5	3714
>CXCR7-S15L FSDISWPCNS	13287	>CXCR7-S15L FLDISWPCNS	63	13224
>CXCR7-S15L FSDISWPCNS	22512	>CXCR7-S15L FLDISWPCNS	394	22118
>CXCR7-S15L FSDISWPC	12262	>CXCR7-S15L FLDISWPC	33	12229
>CXCR7-S15L FSDISWPC	12521	>CXCR7-S15L FLDISWPC	22	12499
>CXCR7-S15L FSDISWPCNS	17315	>CXCR7-S15L FLDISWPCNS	139	17176
>CXCR7-S15L FSDISWPC	18320	>CXCR7-S15L FLDISWPC	216	18104
>CXCR7-S15L FSDISWPC	23636	>CXCR7-S15L FLDISWPC	9	23627
>CXCR7-S15L FSDISWPCNS	33339	>CXCR7-S15L FLDISWPCNS	139	33200
>CXCR7-S15L LFDYSEPGNF	3913	>CXCR7-S15L LFDYSEPGNF	495	3418
>CXCR7-S15L NFSDISWPC	475	>CXCR7-S15L NFLDISWPC	491	16
>CXCR7-S15L EPGNFSDI	743	>CXCR7-S15L EPGNFLDI	450	293
>CXCR7-S15L EPGNFSDISW	19	>CXCR7-S15L EPGNFLDISW	20	1
>CXCR7-S15L SEPGNFSDI	36	>CXCR7-S15L SEPGNFLDI	43	7

>CXCR7-S15L SEPGNFSDIS\	125	>CXCR7-S15L SEPGNFLDIS\	90	35
>CXCR7-S15L SEPGNFSDI	62	>CXCR7-S15L SEPGNFLDI	77	15
>CXCR7-S15L YSEPGNFS	7161	>CXCR7-S15L YSEPGNFL	44	7117
>CXCR7-S15L YSEPGNFSDI	141	>CXCR7-S15L YSEPGNFLDI	166	25
>CXCR7-S15L YSEPGNFS	20067	>CXCR7-S15L YSEPGNFL	110	19957
>CXCR7-S15L YSEPGNFSDI	699	>CXCR7-S15L YSEPGNFLDI	399	300
>CXCR7-S15L YSEPGNFS	3979	>CXCR7-S15L YSEPGNFL	117	3862
>CXCR7-S15L YSEPGNFS	22299	>CXCR7-S15L YSEPGNFL	205	22094
>CXCR7-S15L YSEPGNFSDI	144	>CXCR7-S15L YSEPGNFLDI	249	105
>CXCR7-S15L DYSEPGNFSD	661	>CXCR7-S15L DYSEPGNFLD	485	176
>CXCR7-S15L FDYSEPGNFS	26790	>CXCR7-S15L FDYSEPGNFL	477	26313
>CYLD-A154\AERTVSGI	84	>CYLD-A154\VERTVSGI	84	0
>CYLD-A154\AERTVSGIFF	910	>CYLD-A154\VERTVSGIFF	362	548
>CYLD-A154\AERTVSGIF	215	>CYLD-A154\VERTVSGIF	320	105
>CYLD-A154\AERTVSGIFF	51	>CYLD-A154\VERTVSGIFF	78	27
>CYLD-A154\AERTVSGIF	1933	>CYLD-A154\VERTVSGIF	211	1722
>CYLD-A154\AERTVSGI	326	>CYLD-A154\VERTVSGI	1702	1376
>CYLD-A154\AERTVSGIFF	30	>CYLD-A154\VERTVSGIFF	504	474
>CYLD-A154\AERTVSGIF	166	>CYLD-A154\VERTVSGIF	968	802
>CYLD-A154\AERTVSGIFF	105	>CYLD-A154\VERTVSGIFF	1207	1102
>CYLD-A154\AERTVSGI	345	>CYLD-A154\VERTVSGI	6976	6631
>CYLD-A154\AERTVSGIFFC	245	>CYLD-A154\VERTVSGIFFC	5535	5290
>CYLD-A154\AERTVSGIF	505	>CYLD-A154\VERTVSGIF	312	193
>CYLD-A154\AERTVSGI	19	>CYLD-A154\VERTVSGI	52	33
>CYLD-A154\AERTVSGIF	17	>CYLD-A154\VERTVSGIF	50	33
>CYLD-A154\AERTVSGIFF	25	>CYLD-A154\VERTVSGIFF	88	63
>CYLD-A154\AERTVSGIFFC	217	>CYLD-A154\VERTVSGIFFC	937	720
>CYLD-A154\LAERTVSGIFF	371	>CYLD-A154\LVERTVSGIFF	1192	821
>CYLD-A154\LAERTVSGIF	452	>CYLD-A154\LVERTVSGIF	3178	2726
>CYLD-A154\LAERTVSGIFF	74	>CYLD-A154\LVERTVSGIFF	807	733
>CYLD-A154\LAERTVSGIF	185	>CYLD-A154\LVERTVSGIF	136	49
>CYLD-A154\LAERTVSGIFF	215	>CYLD-A154\LVERTVSGIFF	112	103
>CYLD-A154\LAERTVSGI	142	>CYLD-A154\LVERTVSGI	1081	939
>CYLD-A154\GVVRFrgPLL	2536	>CYLD-A154\GVVRFrgPLL	366	2170
>CYLD-A154\GVVRFrgPLL	10430	>CYLD-A154\GVVRFrgPLL	144	10286
>CYLD-A154\LLAERTVSGI	450	>CYLD-A154\LLVERTVSGI	624	174
>CYLD-A154\LLAERTVS	461	>CYLD-A154\LLVERTVS	1908	1447
>CYLD-A154\LLAERTVSG	110	>CYLD-A154\LLVERTVSG	590	480
>CYLD-A154\LLAERTVSGI	28	>CYLD-A154\LLVERTVSGI	62	34
>CYLD-A154\LLAERTVSGIF	425	>CYLD-A154\LLVERTVSGIF	1747	1322
>CYLD-A154\LLAERTVSG	435	>CYLD-A154\LLVERTVSG	1253	818
>CYLD-A154\LLAERTVSGI	21	>CYLD-A154\LLVERTVSGI	24	3
>CYLD-A154\LLAERTVSGI	490	>CYLD-A154\LLVERTVSGI	259	231

>CYLD-A154\LLAERTVSGI	4	>CYLD-A154\LLVERTVSGI	4	0
>CYLD-A154\LLAERTVSGI	7	>CYLD-A154\LLVERTVSGI	8	1
>CYLD-A154\LLAERTVSGI	11	>CYLD-A154\LLVERTVSGI	26	15
>CYLD-A154\LLAERTVSGI	5	>CYLD-A154\LLVERTVSGI	36	31
>CYLD-A154\LLAERTVSGI	230	>CYLD-A154\LLVERTVSGI	642	412
>CYLD-A154\LLAERTVSGI	241	>CYLD-A154\LLVERTVSGI	738	497
>CYLD-A154\LLAERTVSGI	3	>CYLD-A154\LLVERTVSGI	4	1
>CYLD-A154\LLAERTVSGIF	59	>CYLD-A154\LLVERTVSGIF	77	18
>CYLD-A154\LLAERTVSGIF	130	>CYLD-A154\LLVERTVSGIF	237	107
>CYLD-A154\LLAERTVSGIF	173	>CYLD-A154\LLVERTVSGIF	132	41
>CYLD-A154\LLAERTVSGIF	36	>CYLD-A154\LLVERTVSGIF	91	55
>CYLD-A154\PLLAERTV	161	>CYLD-A154\PLLVERTV	445	284
>CYLD-A154\PLLAERTVSGI	44	>CYLD-A154\PLLVERTV	84	40
>CYLD-A154\PLLAERTVSGI	462	>CYLD-A154\PLLVERTVSGI	757	295
>CYLD-A154\PLLAERTVSGI	122	>CYLD-A154\PLLVERTVSGI	245	123
>CYLD-A154\PLLAERTVSGI	402	>CYLD-A154\PLLVERTVSGI	601	199
>CYLD-A154\PLLAERTVSGI	16	>CYLD-A154\PLLVERTVSGI	26	10
>CYLD-A154\PLLAERTVSGI	140	>CYLD-A154\PLLVERTVSGI	358	218
>CYLD-A154\RGPLLAER	171	>CYLD-A154\RGPLLVER	96	75
>CYLD-A154\FRGPLLAER	521	>CYLD-A154\FRGPLLVER	269	252
>CYLD-A154\RFRGPLLA	6	>CYLD-A154\RFRGPLLV	8	2
>CYLD-A154\RFRGPLLAE	306	>CYLD-A154\RFRGPLLVE	516	210
>CYLD-A154\RFRGPLLAER	17	>CYLD-A154\RFRGPLLVER	23	6
>CYLD-A154\RFRGPLLAER	5	>CYLD-A154\RFRGPLLVER	6	1
>CYLD-A154\RFRGPLLAER	397	>CYLD-A154\RFRGPLLVER	385	12
>CYLD-A154\RFRGPLLAER	230	>CYLD-A154\RFRGPLLVER	203	27
>CYLD-A154\RFRGPLLAER	88	>CYLD-A154\RFRGPLLVER	55	33
>CYLD-A154\RFRGPLLA	515	>CYLD-A154\RFRGPLLV	454	61
>CYLD-A154\VRFRGPLLA	1410	>CYLD-A154\VRFRGPLLV	282	1128
>CYLD-A154\VRFRGPLLA	154	>CYLD-A154\VRFRGPLLV	60	94
>CYLD-A154\VRFRGPLLAE	74	>CYLD-A154\VRFRGPLLVE	57	17
>CYLD-A154\VRFRGPLLA	365	>CYLD-A154\VRFRGPLLV	806	441
>CYLD-A154\VRFRGPLLA	1469	>CYLD-A154\VRFRGPLLV	284	1185
>CYLD-A154\VRFRGPLLA	230	>CYLD-A154\VRFRGPLLV	37	193
>CYLD-A154\VRFRGPLLAE	448	>CYLD-A154\VRFRGPLLVE	361	87
>CYLD-A154\VVRFRGPLLA	11712	>CYLD-A154\VVRFRGPLLV	143	11569
>CYLD-A154\VVRFRGPLLA	13	>CYLD-A154\VVRFRGPLLV	21	8
>CYLD-A154\VVRFRGPLLA	3405	>CYLD-A154\VVRFRGPLLV	479	2926
>CYTSB-S131 SVSSPTSSNT	426	>CYTSB-S131 LVSSPTSSNT	510	84
>CYTSB-S131 SVSSPTSSN	398	>CYTSB-S131 LVSSPTSSN	501	103
>CYTSB-S131 KSVSSPTSS	15629	>CYTSB-S131 KLVSSPTSS	160	15469
>CYTSB-S131 KSVSSPTSSN	11748	>CYTSB-S131 KLVSSPTSSN	53	11695
>CYTSB-S131 KSVSSPTSSN	35271	>CYTSB-S131 KLVSSPTSSN	456	34815

>CYTSB-S131 KSVSSPTS	245	>CYTSB-S131 KLVSSPTS	12265	12020
>CYTSB-S131 KSVSSPTSS	487	>CYTSB-S131 KLVSSPTSS	13857	13370
>CYTSB-S131 KSVSSPTSSN	98	>CYTSB-S131 KLVSSPTSSN	10089	9991
>CYTSB-S131 VPRGPSNPRK	1167	>CYTSB-S131 VPRGPSNPRK	14	1153
>CYTSB-S131 RKS SVSSPT	134	>CYTSB-S131 RKL SVSSPT	86	48
>CYTSB-S131 RKS SVSSPTS	131	>CYTSB-S131 RKL SVSSPTS	74	57
>CYTSB-S131 RKS SVSSPTSS	56	>CYTSB-S131 RKL SVSSPTSS	39	17
>CYTSB-S131 RKS SVSSPTSSN	268	>CYTSB-S131 RKL SVSSPTSSN	182	86
>CYTSB-S131 NPRKSVSS	454	>CYTSB-S131 NPRKLVSS	1385	931
>CYTSB-S131 NPRKSVSSPT	456	>CYTSB-S131 NPRKLVSSPT	729	273
>CYTSB-S131 GPSNPRKS	19446	>CYTSB-S131 GPSNPRKL	216	19230
>CYTSB-S131 GPSNPRKSV	51	>CYTSB-S131 GPSNPRKLV	868	817
>CYTSB-S312 TSGSSSSDV	14759	>CYTSB-S312 TPGSSSSDV	48	14711
>CYTSB-S312 TSGSSSSDVTI	81	>CYTSB-S312 TPGSSSSDVTI	14318	14237
>CYTSB-S312 TSGSSSSDVTI	112	>CYTSB-S312 TPGSSSSDVTI	2547	2435
>CYTSB-S312 RTSGSSSSDV	162	>CYTSB-S312 RTPGSSSSDV	434	272
>CYTSB-S312 RTSGSSSSDV	291	>CYTSB-S312 RTPGSSSSDV	472	181
>CYTSB-S312 RTSGSSSSDV	278	>CYTSB-S312 RTPGSSSSDV	2343	2065
>CYTSB-S312 RTSGSSSSDV	148	>CYTSB-S312 RTPGSSSSDV	146	2
>CYTSB-S312 RTSGSSSS	132	>CYTSB-S312 RTPGSSSS	1259	1127
>CYTSB-S312 RTSGSSSSD	290	>CYTSB-S312 RTPGSSSSD	1751	1461
>CYTSB-S312 RTSGSSSSDV	12	>CYTSB-S312 RTPGSSSSDV	222	210
>CYTSB-S312 RTSGSSSSDV	236	>CYTSB-S312 RTPGSSSSDV	2085	1849
>CYTSB-S312 RTSGSSSSDV	1461	>CYTSB-S312 RTPGSSSSDV	9	1452
>CYTSB-S312 RTSGSSSSDV	11621	>CYTSB-S312 RTPGSSSSDV	118	11503
>CYTSB-S312 RTSGSSSSD	328	>CYTSB-S312 RTPGSSSSD	3208	2880
>CYTSB-S312 RTSGSSSSDV	34	>CYTSB-S312 RTPGSSSSDV	84	50
>CYTSB-S312 RTSGSSSSDV	226	>CYTSB-S312 RTPGSSSSDV	3039	2813
>CYTSB-S312 LRTSGSSSSD	200	>CYTSB-S312 LRTPGSSSSD	340	140
>CYTSB-S312 ALRTSGSS	244	>CYTSB-S312 ALRTPGSS	792	548
>CYTSB-S312 ALRTSGSSS	250	>CYTSB-S312 ALRTPGSSS	1028	778
>CYTSB-S312 ALRTSGSSSS	173	>CYTSB-S312 ALRTPGSSSS	396	223
>CYTSB-S312 ALRTSGSSS	435	>CYTSB-S312 ALRTPGSSS	1314	879
>CYTSB-T144 TKHLRTPSTK	685	>CYTSB-T144 RKHLRTPSTK	13	672
>CYTSB-T144 TKHLRTPSTK	1510	>CYTSB-T144 RKHLRTPSTK	156	1354
>CYTSB-T144 TKHLRTPSTK	13136	>CYTSB-T144 RKHLRTPSTK	343	12793
>CYTSB-T144 PTKHLRTPSTI	15	>CYTSB-T144 PRKHLRTPSTI	2021	2006
>CYTSB-T144 SPTSSNTPTPI	385	>CYTSB-T144 SPTSSNTPTPI	10081	9696
>CYTSB-T144 TPTKHLRT	10639	>CYTSB-T144 TPRKHLRT	383	10256
>CYTSB-T144 TPTKHLRTPS	488	>CYTSB-T144 TPRKHLRTPS	185	303
>CYTSB-T144 TPTKHLRTPS	1497	>CYTSB-T144 TPRKHLRTPS	45	1452
>CYTSB-T144 TPTPTKHL	510	>CYTSB-T144 TPTPRKHL	373	137
>CYTSB-T144 TPTPTKHLR	167	>CYTSB-T144 TPTPRKHLR	354	187

>CYTSB-T144 TPTPTKHL	418	>CYTSB-T144 TPTPRKHL	143	275
>CYTSB-T144 TPTPTKHLR	464	>CYTSB-T144 TPTPRKHLR	468	4
>CYTSB-T144 NTPTPTKHL	419	>CYTSB-T144 NTPTPRKHL	1587	1168
>CYTSB-T144 NTPTPTKHLR	159	>CYTSB-T144 NTPTPRKHLR	105	54
>CYTSB-T144 NTPTPTKHLR	666	>CYTSB-T144 NTPTPRKHLR	472	194
>CYTSB-T144 NTPTPTKHLR	6	>CYTSB-T144 NTPTPRKHLR	7	1
>CYTSB-T144 NTPTPTKHL	82	>CYTSB-T144 NTPTPRKHL	128	46
>CYTSB-T144 NTPTPTKHL	10	>CYTSB-T144 NTPTPRKHL	28	18
>CYTSB-T144 NTPTPTKHLR	313	>CYTSB-T144 NTPTPRKHLR	515	202
>CYTSB-T144 SNTPTPTKHL	438	>CYTSB-T144 SNTPTPRKHL	874	436
>CYTSB-T144 SSNTPTPTK	101	>CYTSB-T144 SSNTPTPRK	81	20
>CYTSB-T144 SSNTPTPT	18287	>CYTSB-T144 SSNTPTPR	78	18209
>CYTSB-T144 SSNTPTPTK	16	>CYTSB-T144 SSNTPTPRK	14	2
>CYTSB-T144 SSNTPTPTK	16	>CYTSB-T144 SSNTPTPRK	32	16
>CYTSB-T144 SSNTPTPT	16781	>CYTSB-T144 SSNTPTPR	23	16758
>CYTSB-T144 SSNTPTPT	30068	>CYTSB-T144 SSNTPTPR	122	29946
>CYTSB-T144 SSNTPTPTK	410	>CYTSB-T144 SSNTPTPRK	746	336
>CYTSB-T144 SSNTPTPTKH	131	>CYTSB-T144 SSNTPTPRKH	284	153
>CYTSB-T144 SSNTPTPTKH	233	>CYTSB-T144 SSNTPTPRKH	503	270
>CYTSB-T144 TSSNTPTPTK	213	>CYTSB-T144 TSSNTPTPRK	424	211
>CYTSB-T144 TSSNTPTPT	19933	>CYTSB-T144 TSSNTPTPR	152	19781
>CYTSB-T144 TSSNTPTPTK	12	>CYTSB-T144 TSSNTPTPRK	19	7
>CYTSB-T144 TSSNTPTPTK	116	>CYTSB-T144 TSSNTPTPRK	261	145
>CYTSB-T144 TSSNTPTPT	20549	>CYTSB-T144 TSSNTPTPR	45	20504
>CYTSB-T144 TSSNTPTPT	23206	>CYTSB-T144 TSSNTPTPR	22	23184
>CYTSB-T144 TSSNTPTPTK	49	>CYTSB-T144 TSSNTPTPRK	120	71
>CYTSB-T144 TSSNTPTPTKI	490	>CYTSB-T144 TSSNTPTPRKI	1630	1140
>CYTSB-T144 TSSNTPTPT	16130	>CYTSB-T144 TSSNTPTPR	434	15696
>CYTSB-T144 TSSNTPTPTK	349	>CYTSB-T144 TSSNTPTPRK	287	62
>CYTSB-T144 PTSSNTPTPT	32892	>CYTSB-T144 PTSSNTPTPR	454	32438
>CYTSB-T144 PTSSNTPTPTI	450	>CYTSB-T144 PTSSNTPTPRI	401	49
>CYTSB-T144 PTSSNTPTPTI	162	>CYTSB-T144 PTSSNTPTPRI	379	217
>CYTSB-T144 PTSSNTPTPT	35690	>CYTSB-T144 PTSSNTPTPR	262	35428
>DDB2-T338I TPIKAAWHPF	196	>DDB2-T338I PPIKAAWHPF	995	799
>DDB2-T338I TPIKAAWHPF	316	>DDB2-T338I PPIKAAWHPF	933	617
>DDB2-T338I TPIKAAWHPF	409	>DDB2-T338I PPIKAAWHPF	3866	3457
>DDB2-T338I TPIKAAWHPF	27	>DDB2-T338I PPIKAAWHPF	275	248
>DDB2-T338I TPIKAAWHPF	94	>DDB2-T338I PPIKAAWHPF	205	111
>DDB2-T338I TPIKAAWHPF	189	>DDB2-T338I PPIKAAWHPF	604	415
>DDB2-T338I TPIKAAWHPF	428	>DDB2-T338I PPIKAAWHPF	2849	2421
>DDB2-T338I TPIKAAWHPF	67	>DDB2-T338I PPIKAAWHPF	151	84
>DDB2-T338I LTPIKAAWHF	63	>DDB2-T338I LPPIKAAWHF	6023	5960
>DDB2-T338I LTPIKAAWHF	122	>DDB2-T338I LPPIKAAWHF	5660	5538



>DDB2-T338 LTPIKAAW	40	>DDB2-T338 LPPIKAAW	10792	10752
>DDB2-T338 LTPIKAAW	9973	>DDB2-T338 LPPIKAAW	52	9921
>DDB2-T338 LTPIKAAW	428	>DDB2-T338 LPPIKAAW	18977	18549
>DDB2-T338 LTPIKAAW	419	>DDB2-T338 LPPIKAAW	15186	14767
>DDB2-T338 LTPIKAAWH	43	>DDB2-T338 LPPIKAAWH	12501	12458
>DDB2-T338 LTPIKAAWHF	120	>DDB2-T338 LPPIKAAWHF	16234	16114
>DDB2-T338 LTPIKAAWHF	183	>DDB2-T338 LPPIKAAWHF	16511	16328
>DDB2-T338 LTPIKAAW	2966	>DDB2-T338 LPPIKAAW	16	2950
>DDB2-T338 LTPIKAAWHF	213	>DDB2-T338 LPPIKAAWHF	221	8
>DDB2-T338 HLTPIKAA	341	>DDB2-T338 HLPPIKAA	630	289
>DDB2-T338 HLTPIKAA	320	>DDB2-T338 HLPPIKAA	222	98
>DDB2-T338 HLTPIKAA	585	>DDB2-T338 HLPPIKAA	354	231
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>DDB2-T338 HLTPIKAAW	485	>DDB2-T338 HLPPIKAAW	3749	3264
>DDB2-T338 HLTPIKAAW	150	>DDB2-T338 HLPPIKAAW	1617	1467
>DDB2-T338 QHLTPIKAAW	543	>DDB2-T338 QHLPPIKAAW	224	319
>DDB2-T338 FQHLTPIKAA	242	>DDB2-T338 FQHLPPIKAA	331	89
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>DDB2-T338 FQHLTPIK	376	>DDB2-T338 FQHLPPIK	462	86
>DDB2-T338 FQHLTPIKAA	116	>DDB2-T338 FQHLPPIKAA	221	105
>DDB2-T338 FQHLTPIKAA'	102	>DDB2-T338 FQHLPPIKAA'	172	70
>DDB2-T338 FQHLTPIKAA'	379	>DDB2-T338 FQHLPPIKAA'	775	396
>DDB2-T338 HFQHLTPI	348	>DDB2-T338 HFQHLPPI	480	132
>DDB2-T338 HFQHLTPIK	31	>DDB2-T338 HFQHLPPIK	46	15
>DDB2-T338 HFQHLTPIK	250	>DDB2-T338 HFQHLPPIK	834	584
>DDB2-T338 RHFQHLTPI	526	>DDB2-T338 RHFQHLPPI	399	127
>DDB2-T338 RHFQHLTPIK	507	>DDB2-T338 RHFQHLPPIK	276	231
>DDB2-T338 RHFQHLTPI	107	>DDB2-T338 RHFQHLPPI	345	238
>DDB2-T338 RHFQHLTPI	36	>DDB2-T338 RHFQHLPPI	72	36
>DDB2-T338 RHFQHLTPIK	438	>DDB2-T338 RHFQHLPPIK	515	77
>DDB2-T338 RHFQHLTPIK	150	>DDB2-T338 RHFQHLPPIK	83	67
>DDB2-T338 RHFQHLTPI	607	>DDB2-T338 RHFQHLPPI	425	182
>DDB2-T338 RHFQHLTPI	88	>DDB2-T338 RHFQHLPPI	70	18
>DDB2-T338 RHFQHLTPI	738	>DDB2-T338 RHFQHLPPI	329	409
>DDB2-T338 RHFQHLTPI	261	>DDB2-T338 RHFQHLPPI	351	90
>DDB2-T338 RHFQHLTPIK	334	>DDB2-T338 RHFQHLPPIK	568	234
>DDB2-T338 RHFQHLTPI	424	>DDB2-T338 RHFQHLPPI	452	28
>DDB2-T338 HRHFQHLTPI	589	>DDB2-T338 HRHFQHLPPI	101	488
>DDB2-T338 HRHFQHLTPI	16	>DDB2-T338 HRHFQHLPPI	18	2
>DDB2-T338 HRHFQHLTPI	440	>DDB2-T338 HRHFQHLPPI	706	266
>DDB2-T338 HRHFQHLTPI	55	>DDB2-T338 HRHFQHLPPI	51	4
>DDB2-T338 HRHFQHLTPI	297	>DDB2-T338 HRHFQHLPPI	262	35
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>DDIT3-A115AGKQRMKEK	199	>DDIT3-A115VGKQRMKEK	1980	1781
>DDIT3-A115RAGKQRMK	600	>DDIT3-A115RVGKQRMK	103	497
>DDIT3-A115RAGKQRMKE	1409	>DDIT3-A115RVGKQRMKE	240	1169
>DDIT3-A115RAGKQRMK	747	>DDIT3-A115RVGKQRMK	141	606
>DDIT3-A115RAGKQRMK	87	>DDIT3-A115RVGKQRMK	28	59
>DDIT3-A115RAGKQRMKE	85	>DDIT3-A115RVGKQRMKE	29	56
>DDIT3-A115RKQSGHSPAIF	287	>DDIT3-A115RKQSGHSPAIF	48	239
>DDIT3-A115ARAGKQRM	120	>DDIT3-A115ARVGKQRM	140	20
>DDIT3-A115ARAGKQRMK	71	>DDIT3-A115ARVGKQRMK	88	17
>DDIT3-A115ARAGKQRMK	124	>DDIT3-A115ARVGKQRMK	155	31
>DDIT3-A115PARAGKQRM	40	>DDIT3-A115PARVGKQRM	58	18
>DDIT3-A115SPARAGKQRI	30	>DDIT3-A115SPARVGKQRI	700	670
>DDIT3-A115SPARAGKQRI	83	>DDIT3-A115SPARVGKQRI	92	9
>DDIT3-A115HSPARAGK	196	>DDIT3-A115HSPARVGK	238	42
>DDIT3-A115HSPARAGK	354	>DDIT3-A115HSPARVGK	402	48
>DDIT3-A115HSPARAGKQI	240	>DDIT3-A115HSPARVGKQI	114	126
>DDIT3-A115HSPARAGKQI	190	>DDIT3-A115HSPARVGKQI	251	61
>DDIT3-A115HSPARAGKQI	428	>DDIT3-A115HSPARVGKQI	388	40
>DDIT3-A115SGHSPARAGI	102	>DDIT3-A115SGHSPARVGI	160	58
>DDIT3-A115QSGHSPARAGI	525	>DDIT3-A115QSGHSPARVGI	377	148
>DDIT3-A115KQSGHSPARAGI	1730	>DDIT3-A115KQSGHSPARVGI	281	1449
>DDIT3-A115KQSGHSPARAGI	617	>DDIT3-A115KQSGHSPARVGI	103	514
>DDIT3-A115KQSGHSPARAGI	2785	>DDIT3-A115KQSGHSPARVGI	94	2691
>DDIT3-A115KQSGHSPARAGI	17631	>DDIT3-A115KQSGHSPARVGI	435	17196
>DDIT3-A115KQSGHSPARAGI	1529	>DDIT3-A115KQSGHSPARVGI	288	1241
>DDIT3-D32YDENGGETYV	287	>DDIT3-D32YDENGGETYV	28	259
>DDIT3-D32YDENGGETYV	13473	>DDIT3-D32YDENGGETYV	120	13353
>DDIT3-D32YDENGGETYV	12149	>DDIT3-D32YDENGGETYV	82	12067
>DDIT3-D32YDENGGETYV	11677	>DDIT3-D32YDENGGETYV	222	11455
>DDIT3-D32YDENGGETYV	15010	>DDIT3-D32YDENGGETYV	75	14935
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>DDIT3-D32YDENGGETYVS	35	>DDIT3-D32YDENGGETYVS	104	69
>DDIT3-D32YDENGGETYVSIF	241	>DDIT3-D32YDENGGETYVSIF	815	574
>DDIT3-D32YDENGGETYV	2427	>DDIT3-D32YDENGGETYV	41	2386
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>DDIT3-D32YDENGGETYV	1338	>DDIT3-D32YDENGGETYV	462	876
>DDIT3-D32YDENGGETYVS	1062	>DDIT3-D32YDENGGETYVS	341	721
>DDIT3-D32YDENGGETYV	12938	>DDIT3-D32YDENGGETYV	400	12538
>DDIT3-D32YSDENGGETYV	25507	>DDIT3-D32YSYENGGETYV	19	25488
>DDIT3-D32YSDENGGETY	5065	>DDIT3-D32YSYENGGETY	249	4816
>DDIT3-D32YSDENGGETY	1437	>DDIT3-D32YSYENGGETY	79	1358

>DDIT3-D32YSDENGGTY	1439	>DDIT3-D32YSYENGGTY	267	1172
>DDIT3-D32YSDENGGTY	4236	>DDIT3-D32YSYENGGTY	234	4002
>DDIT3-D32Y YEDLQEVLSI	3953	>DDIT3-D32Y YEDLQEVLSI'	48	3905
>DDIT3-D32YSSDENGGTY\	1337	>DDIT3-D32YSSYENGGTYV	155	1182
>DDIT3-D32YSSDENGGTY\	1061	>DDIT3-D32YSSYENGGTYV	309	752
>DDIT3-D32YSSDENGGTY	8	>DDIT3-D32YSSYENGGTY	761	753
>DDIT3-D32YSSDENGGTY\	2783	>DDIT3-D32YSSYENGGTYV	292	2491
>DDIT3-D32YSSDENGGTY\	1876	>DDIT3-D32YSSYENGGTYV	138	1738
>DDIT3-D32YSSDENGGTY\	1383	>DDIT3-D32YSSYENGGTYV	312	1071
>DDIT3-D32YSSDENGGTY\	57	>DDIT3-D32YSSYENGGTYV	13	44
>DDIT3-D32YSSDENGGTY\	328	>DDIT3-D32YSSYENGGTYV	84	244
>DDIT3-D32YSSDENGGTY	14082	>DDIT3-D32YSSYENGGTY	415	13667
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>DDIT3-D32YSSDENGGTY	5574	>DDIT3-D32YSSYENGGTY	306	5268
>DDIT3-D32YSSDENGGTY	1540	>DDIT3-D32YSSYENGGTY	83	1457
>DDIT3-D32YSSDENGGTY	68	>DDIT3-D32YSSYENGGTY	18	50
>DDIT3-D32YSSDENGGTY\	765	>DDIT3-D32YSSYENGGTYV	53	712
>DDIT3-D32YSSDENGGTY\	85	>DDIT3-D32YSSYENGGTYV	34	51
>DDIT3-D32YSSDENGGTY	2884	>DDIT3-D32YSSYENGGTY	60	2824
>DDIT3-D32YSSDENGGTY	793	>DDIT3-D32YSSYENGGTY	45	748
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>DDIT3-D32YSSDENGGTY	30	>DDIT3-D32YSSYENGGTY	5	25
>DDIT3-D32YSSDENGGTY\	3799	>DDIT3-D32YSSYENGGTYV	188	3611
>DDIT3-D32YSSDENGGTY	883	>DDIT3-D32YSSYENGGTY	182	701
>DDIT3-D32YSSDENGGTY	181	>DDIT3-D32YSSYENGGTY	28	153
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>DDIT3-D32YLSSDENGGTY	60	>DDIT3-D32YLSSYENGGTY	185	125
>DDIT3-D32YLSSDENGGTY	188	>DDIT3-D32YLSSYENGGTY	475	287
>DDIT3-D32YLSSDENGGTY	448	>DDIT3-D32YLSSYENGGTY	1748	1300
>DDIT3-D32YLSSDENGGTY	531	>DDIT3-D32YLSSYENGGTY	297	234
>DDIT3-D32YLSSDENGGTY	33	>DDIT3-D32YLSSYENGGTY	23	10
>DDIT3-D32YLSSDENGGTY	493	>DDIT3-D32YLSSYENGGTY	390	103
>DDIT3-D32YLSSDENGGTY	97	>DDIT3-D32YLSSYENGGTY	87	10
>DDIT3-D32YLSSDENGGTY	9	>DDIT3-D32YLSSYENGGTY	13	4
>DDIT3-D32YLSSDENGGTY	20	>DDIT3-D32YLSSYENGGTY	16	4
>DDIT3-D32YLSSDENGGTY	559	>DDIT3-D32YLSSYENGGTY	348	211
>DDIT3-D32YVLSSDENGGT	626	>DDIT3-D32YVLSSYENGGT	396	230
>DDIT3-D32YVLSSDENGGT	498	>DDIT3-D32YVLSSYENGGT	649	151
>DDIT3-D32YVLSSDENGGT	205	>DDIT3-D32YVLSSYENGGT	125	80
>DDIT3-D32YVLSSDENGGT	10	>DDIT3-D32YVLSSYENGGT	11	1
>DDIT3-D32YVLSSDENGGT	610	>DDIT3-D32YVLSSYENGGT	235	375
>DDIT3-D32YVLSSDENGGT	196	>DDIT3-D32YVLSSYENGGT	134	62
>DDIT3-D32YVLSSDENGGT	135	>DDIT3-D32YVLSSYENGGT	133	2

>DDIT3-D32YVLSSDENGGT	734	>DDIT3-D32YVLSSYENGGT	352	382
>DDIT3-D32YVLSSDENGGT	509	>DDIT3-D32YVLSSYENGGT	287	222
>DDIT3-D32YVLSSDENGGT	554	>DDIT3-D32YVLSSYENGGT	407	147
>DDIT3-D32YEVLSSDENGGE	791	>DDIT3-D32YEVLSSYENGG	220	571
>DDIT3-D32YLQEVLSSD	32969	>DDIT3-D32YLQEVLSSY	197	32772
>DDIT3-D32YLQEVLSSD	15817	>DDIT3-D32YLQEVLSSY	79	15738
>DDIT3-D32YLQEVLSSD	31975	>DDIT3-D32YLQEVLSSY	399	31576
>DDIT3-D32YLQEVLSSD	19005	>DDIT3-D32YLQEVLSSY	84	18921
>DDIT3-D32YDLQEVLSSD	12657	>DDIT3-D32YDLQEVLSSY	30	12627
>DDIT3-D32YDLQEVLSSD	17938	>DDIT3-D32YDLQEVLSSY	25	17913
>DDIT3-D32YDLQEVLSSD	32414	>DDIT3-D32YDLQEVLSSY	136	32278
>DDIT3-D32YDLQEVLSSD	31185	>DDIT3-D32YDLQEVLSSY	190	30995
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>DDIT3-D32YEDLQEVLSSD	33865	>DDIT3-D32YEDLQEVLSSY	455	33410
>DDIT3-D32YEDLQEVLSSD	33482	>DDIT3-D32YEDLQEVLSSY	142	33340
>DDIT3-G35EDENGGTYV	287	>DDIT3-G35EDENEGTYV	111	176
>DDIT3-G35EDENGGTYV	82	>DDIT3-G35EDENEGTYV	64	18
>DDIT3-G35EDENGGTYVS	35	>DDIT3-G35EDENEGTYVS	20	15
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>DDIT3-G35ESSDENGGTY	8	>DDIT3-G35ESSDENEGTY	11	3
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>DDIT3-G35ESSDENGGTY\	328	>DDIT3-G35ESSDENEGTYV	490	162
>DDIT3-G35ESSDENGGTY	68	>DDIT3-G35ESSDENEGTY	63	5
>DDIT3-G35ESSDENGGTY\	765	>DDIT3-G35ESSDENEGTYV	459	306
>DDIT3-G35ESSDENGGTY\	85	>DDIT3-G35ESSDENEGTYV	322	237
>DDIT3-G35ESSDENGGTY	30	>DDIT3-G35ESSDENEGTY	51	21
>DDIT3-G35ESSDENGGTY	181	>DDIT3-G35ESSDENEGTY	827	646
>DDIT3-G35ESSDENGGTY	821	>DDIT3-G35ESSDENEGTY	468	353
>DDIT3-G35ELSSDENGGTY	60	>DDIT3-G35ELSSDENEGTY	56	4
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>DDIT3-G35ELSSDENGGTY	448	>DDIT3-G35ELSSDENEGTY	415	33
>DDIT3-G35ELSSDENGGTY	33	>DDIT3-G35ELSSDENEGTY	47	14
>DDIT3-G35ELSSDENGGTY	493	>DDIT3-G35ELSSDENEGTY	501	8
>DDIT3-G35ELSSDENGGTY	97	>DDIT3-G35ELSSDENEGTY	198	101
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>DDIT3-G35ELSSDENGGTY	20	>DDIT3-G35ELSSDENEGTY	22	2
>DDIT3-G35EVLSSDENGGT	752	>DDIT3-G35EVLSSDENEGT	256	496
>DDIT3-G35EVLSSDENGGT	498	>DDIT3-G35EVLSSDENEGT	150	348
>DDIT3-G35EVLSSDENGGT	205	>DDIT3-G35EVLSSDENEGT	407	202
>DDIT3-G35EVLSSDENGGT	10	>DDIT3-G35EVLSSDENEGT	10	0
>DDIT3-G35EVLSSDENGGT	196	>DDIT3-G35EVLSSDENEGT	410	214
>DDIT3-G35EVLSSDENGGT	135	>DDIT3-G35EVLSSDENEGT	373	238
>DDIT3-G35EVLSSDENGGT	637	>DDIT3-G35EVLSSDENEGT	434	203

>DDIT3-G35E VLSSDENGGT	554	>DDIT3-G35E VLSSDENEGT	393	161
>DDIT3-L25R SWELEAWYE	491	>DDIT3-L25R SWELEAWYE	12595	12104
>DDIT3-L25R SWELEAWYE	12705	>DDIT3-L25R SWELEAWYE	39	12666
>DDIT3-L25R SWELEAWYE	130	>DDIT3-L25R SWELEAWYE	429	299
>DDIT3-L25R YEDLQEV	14	>DDIT3-L25R YEDRQEV	74	60
>DDIT3-L25R YEDLQEV	283	>DDIT3-L25R YEDRQEV	453	170
>DDIT3-L25R YEDLQEV	25	>DDIT3-L25R YEDRQEV	30	5
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>DDIT3-L25R YEDLQEV	270	>DDIT3-L25R YEDRQEV	1946	1676
>DDIT3-L25R WYEDLQEV	106	>DDIT3-L25R WYEDRQEV	133	27
>DDIT3-L25R WYEDLQEV	386	>DDIT3-L25R WYEDRQEV	955	569
>DDIT3-L25R WYEDLQEV	33	>DDIT3-L25R WYEDRQEV	71	38
>DDIT3-L25R AWYEDLQEV	213	>DDIT3-L25R AWYEDRQEV	2329	2116
>DDIT3-L25R AWYEDLQEV	50	>DDIT3-L25R AWYEDRQEV	966	916
>DDIT3-L25R AWYEDLQEV	48	>DDIT3-L25R AWYEDRQEV	939	891
>DDIT3-L25R AWYEDLQEV	181	>DDIT3-L25R AWYEDRQEV	2077	1896
>DDIT3-L25R AWYEDLQEV	48	>DDIT3-L25R AWYEDRQEV	163	115
>DDIT3-L25R AWYEDLQEV	145	>DDIT3-L25R AWYEDRQEV	309	164
>DDIT3-L25R AWYEDLQEV	394	>DDIT3-L25R AWYEDRQEV	424	30
>DDIT3-L25R AWYEDLQEV	214	>DDIT3-L25R AWYEDRQEV	313	99
>DDIT3-L25R EAWYEDLQEV	119	>DDIT3-L25R EAWYEDRQEV	101	18
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>DDIT3-L25R LEAWYEDLQEV	53	>DDIT3-L25R LEAWYEDRQEV	113	60
>DDIT3-L25R LEAWYEDLQEV	403	>DDIT3-L25R LEAWYEDRQEV	669	266
>DDIT3-L25R LEAWYEDLQEV	20	>DDIT3-L25R LEAWYEDRQEV	7517	7497
>DDIT3-L25R LEAWYEDLQEV	80	>DDIT3-L25R LEAWYEDRQEV	108	28
>DDIT3-L25R LEAWYEDLQEV	176	>DDIT3-L25R LEAWYEDRQEV	239	63
>DDIT3-L25R LEAWYEDLQEV	40	>DDIT3-L25R LEAWYEDRQEV	97	57
>DDIT3-L25R ELEAWYEDLQEV	63	>DDIT3-L25R ELEAWYEDRQEV	23135	23072
>DDIT3-L25R ELEAWYEDLQEV	24309	>DDIT3-L25R ELEAWYEDRQEV	224	24085
>DDIT3-L25R ELEAWYEDLQEV	33467	>DDIT3-L25R ELEAWYEDRQEV	182	33285
>DDIT3-L25R WELEAWYEDLQEV	86	>DDIT3-L25R WELEAWYEDRQEV	6685	6599
>DDIT3-L25R WELEAWYEDLQEV	107	>DDIT3-L25R WELEAWYEDRQEV	206	99
>DDIT3-L25R WELEAWYEDLQEV	394	>DDIT3-L25R WELEAWYEDRQEV	22355	21961
>DDIT3-L25R WELEAWYEDLQEV	313	>DDIT3-L25R WELEAWYEDRQEV	3000	2687
>DDIT3-L25R WELEAWYEDLQEV	12	>DDIT3-L25R WELEAWYEDRQEV	7408	7396
>DDIT3-L25R WELEAWYEDLQEV	141	>DDIT3-L25R WELEAWYEDRQEV	232	91
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>DDX10-L56 RLEGTEHR	90	>DDX10-L56 RVEGTEHR	142	52
>DDX10-L56 MSILQGGKF	3624	>DDX10-L56 MSILQGGKF	395	3229

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>DDX10-L56{KRLEGTEH	498	>DDX10-L56{KRVEGTEH	1202	704
>DDX10-L56{KRLEGTEHR	174	>DDX10-L56{KRVEGTEHR	432	258
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>DDX5-G533 GVYSAANY	126	>DDX5-G533 AVYSAANY	83	43
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>DDX5-G533 GVYSAANY	24	>DDX5-G533 AVYSAANY	31	7
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>DDX5-G533 GVYSAANY	1686	>DDX5-G533 AVYSAANY	184	1502
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>DDX5-G533 NGVYSAANY	8086	>DDX5-G533 NAVYSAANY	214	7872
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>DDX5-G533 NGVYSAANY	11372	>DDX5-G533 NAVYSAANY	330	11042
>DDX5-G533 NGVYSAANY	2230	>DDX5-G533 NAVYSAANY	342	1888
>DDX5-G533 NGVYSAANY	397	>DDX5-G533 NAVYSAANY	11	386
>DDX5-G533 NGVYSAANY	503	>DDX5-G533 NAVYSAANY	50	453
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>DDX5-G533 TQNGVYSAA	71	>DDX5-G533 TQNAVYSAA	44	27
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>DDX5-G533 TQNGVYSAA	101	>DDX5-G533 TQNAVYSAA	70	31
>DDX5-G533 TQNGVYSAAI	118	>DDX5-G533 TQNAVYSAAI	106	12
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>DDX5-G533 TQNGVYSAAI	73	>DDX5-G533 TQNAVYSAAI	62	11
>DDX5-G533 TQNGVYSAAI	186	>DDX5-G533 TQNAVYSAAI	151	35
>DDX5-G533 TQNGVYSAA	1982	>DDX5-G533 TQNAVYSAA	447	1535
>DDX5-G533 TQNGVYSAAI	54	>DDX5-G533 TQNAVYSAAI	17	37
>DDX5-G533 KTQNGVYSA	399	>DDX5-G533 KTQNAVYSA	452	53
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>DDX5-G533 KTQNGVYSA/	131	>DDX5-G533 KTQNAVYSA/	50	81
>DDX5-G533 KTQNGVYSA	53	>DDX5-G533 KTQNAVYSA	51	2
>DDX5-G533 AKTQNGVY	419	>DDX5-G533 AKTQNAVY	549	130
>DDX5-G533 AKTQNGVY	49	>DDX5-G533 AKTQNAVY	18	31
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>DDX5-G533 GAKTQNGVY	609	>DDX5-G533 GAKTQNAVY	256	353
>DDX5-G533 GAKTQNGVY	80	>DDX5-G533 GAKTQNAVY	126	46
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>DDX5-G533 FGAKTQNGV	95	>DDX5-G533 FGAKTQNAV	70	25
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>DDX5-G533 FGAKTQNGV	297	>DDX5-G533 FGAKTQNAV	408	111
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>DDX5-G533 FGAKTQNGV	526	>DDX5-G533 FGAKTQNAV	100	426
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>DDX5-I300V AEDFLKDYIH	434	>DDX5-I300V AEDFLKDYIH	3337	2903
>DDX5-I300V AEDFLKDYIH	35	>DDX5-I300V AEDFLKDYIH	75	40
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>DDX5-I300V IHINIGAL	408	>DDX5-I300V IHVNIGAL	551	143
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>DDX5-I300V IHINIGAL	137	>DDX5-I300V IHVNIGAL	219	82
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>DDX5-I300V YIHINIGAL	616	>DDX5-I300V YIHVNIGAL	273	343
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>DDX5-I300V YIHINIGAL	361	>DDX5-I300V YIHVNIGAL	326	35
>DDX5-I300V YIHINIGALEL	413	>DDX5-I300V YIHVNIGALEL	397	16
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>DDX5-I300V YIHINIGAL	29	>DDX5-I300V YIHAVNIGAL	38	9
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>DDX5-I300V KDYIHINIGAL	108	>DDX5-I300V KDYIHAVNIGA	116	8
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>DDX5-I300V FLKDYIHINI	102	>DDX5-I300V FLKDYIHAVNI	104	2
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>DDX5-I300V FLKDYIHINI	624	>DDX5-I300V FLKDYIHVNI	338	286
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>DDX5-Y535(YSAANYTNG	121	>DDX5-Y535(CSAANYTNG	2206	2085
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>DDX5-Y535(YSAANYTNG!	312	>DDX5-Y535(CSAANYTNG!	2355	2043
>DDX5-Y535(YSAANYTNG!	40	>DDX5-Y535(CSAANYTNG!	439	399
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>DDX5-Y535(YSAANYTNG!	32	>DDX5-Y535(CSAANYTNG!	816	784
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>DDX5-Y535(TQNGVYSAA	101	>DDX5-Y535(TQNGVCSAA	169	68
>DDX5-Y535(TQNGVYSAA	118	>DDX5-Y535(TQNGVCSAA	119	1
>DDX5-Y535(TQNGVYSAA	73	>DDX5-Y535(TQNGVCSAA	70	3
>DDX5-Y535(TQNGVYSAA	186	>DDX5-Y535(TQNGVCSAA	212	26
>DDX5-Y535(TQNGVYSAA	54	>DDX5-Y535(TQNGVCSAA	79	25
>DDX5-Y535(KTQNGVYSA	399	>DDX5-Y535(KTQNGVCSA	671	272

>DDX5-Y535(KTQNGVYSA	143	>DDX5-Y535(KTQNGVCSA	52	91
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>DDX6-K356IKMRQEHRNF	37	>DDX6-K356IEMRQEHRNF	12099	12062
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>DDX6-K356IKMRQEHRNF	5117	>DDX6-K356IEMRQEHRNF	92	5025
>DDX6-K356IKMRQEHRNF	923	>DDX6-K356IEMRQEHRNF	292	631
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>DDX6-K356IAKMRQEHRN	16436	>DDX6-K356IAEMRQEHRN	29	16407
>DDX6-K356IAKMRQEHRN	3679	>DDX6-K356IAEMRQEHRN	11	3668
>DDX6-K356ILGYSCFYIHAk	375	>DDX6-K356ILGYSCFYIHAe	21364	20989
>DDX6-K356ILGYSCFYIHAk	160	>DDX6-K356ILGYSCFYIHAe	22888	22728
>DDX6-K356ILGYSCFYIHAk	280	>DDX6-K356ILGYSCFYIHAe	13101	12821
>DDX6-K356ILGYSCFYIHAk	477	>DDX6-K356ILGYSCFYIHAe	20957	20480
>DDX6-K356ILGYSCFYIHAk	316	>DDX6-K356ILGYSCFYIHAe	11215	10899
>DDX6-K356ILGYSCFYIHAk	406	>DDX6-K356ILGYSCFYIHAe	12900	12494
>DDX6-K356IHAKMRQEHF	258	>DDX6-K356IHAEMRQEHF	10809	10551
>DDX6-K356IHAKMRQEHF	10	>DDX6-K356IHAEMRQEHF	82	72

>DDX6-K356IHAKMRQEHF	23	>DDX6-K356IHAEMRQEHF	243	220
>DDX6-K356IHAKMRQEHF	25	>DDX6-K356IHAEMRQEHF	90	65
>DDX6-K356IHAKMRQEHF	48	>DDX6-K356IHAEMRQEHF	228	180
>DDX6-K356IHAKMRQEHF	90	>DDX6-K356IHAEMRQEHF	128	38
>DDX6-K356IHAKMRQEHF	203	>DDX6-K356IHAEMRQEHF	265	62
>DDX6-K356IYIHAKMRQEI	63	>DDX6-K356IYIHAEMRQEI	344	281
>DDX6-K356IYIHAKMRQEI	282	>DDX6-K356IYIHAEMRQEI	615	333
>DDX6-K356IYIHAKMRQEI	66	>DDX6-K356IYIHAEMRQEI	53	13
>DDX6-K356IYIHAKMRQEI	201	>DDX6-K356IYIHAEMRQEI	172	29
>DDX6-K356IYIHAKMR	411	>DDX6-K356IYIHAEMR	224	187
>DDX6-K356IYIHAKMRQ	791	>DDX6-K356IYIHAEMRQ	491	300
>DDX6-K356IYIHAKMR	210	>DDX6-K356IYIHAEMR	162	48
>DDX6-K356IYIHAKMR	164	>DDX6-K356IYIHAEMR	54	110
>DDX6-K356IYIHAKMR	73	>DDX6-K356IYIHAEMR	117	44
>DDX6-K356ICFYIHAKM	235	>DDX6-K356ICFYIHAEM	302	67
>DDX6-K356ICFYIHAKMR	162	>DDX6-K356ICFYIHAEMR	108	54
>DDX6-K356ICFYIHAKMR	935	>DDX6-K356ICFYIHAEMR	198	737
>DDX6-K356ICFYIHAKMR	36	>DDX6-K356ICFYIHAEMR	65	29
>DDX6-K356ISCFYIHAK	484	>DDX6-K356ISCFYIHAE	28335	27851
>DDX6-K356ISCFYIHAK	161	>DDX6-K356ISCFYIHAE	14828	14667
>DDX6-K356ISCFYIHAK	496	>DDX6-K356ISCFYIHAE	13345	12849
>DDX6-K356ISCFYIHAKMR	295	>DDX6-K356ISCFYIHAEMR	374	79
>DDX6-K356ISCFYIHAK	179	>DDX6-K356ISCFYIHAE	16176	15997
>DDX6-K356ISCFYIHAKM	1505	>DDX6-K356ISCFYIHAEM	478	1027
>DDX6-K356ISCFYIHAKM	10	>DDX6-K356ISCFYIHAEM	12	2
>DDX6-K356ISCFYIHAK	367	>DDX6-K356ISCFYIHAE	9772	9405
>DDX6-K356ISCFYIHAKMR	114	>DDX6-K356ISCFYIHAEMR	170	56
>DDX6-K356IYSCFYIHAK	13	>DDX6-K356IYSCFYIHAE	18931	18918
>DDX6-K356IYSCFYIHAKM	79	>DDX6-K356IYSCFYIHAEM	59	20
>DDX6-K356IYSCFYIHAK	125	>DDX6-K356IYSCFYIHAE	11626	11501
>DDX6-K356IYSCFYIHAKM	121	>DDX6-K356IYSCFYIHAEM	94	27
>DDX6-K356IYSCFYIHAKM	355	>DDX6-K356IYSCFYIHAEM	249	106
>DDX6-K356IYSCFYIHAK	12	>DDX6-K356IYSCFYIHAE	2898	2886
>DDX6-K356IYSCFYIHAKM	14	>DDX6-K356IYSCFYIHAEM	6	8
>DDX6-K356IYSCFYIHAKM	338	>DDX6-K356IYSCFYIHAEM	177	161
>DDX6-K356IYSCFYIHAKM	797	>DDX6-K356IYSCFYIHAEM	190	607
>DDX6-K356IYSCFYIHAKM	700	>DDX6-K356IYSCFYIHAEM	296	404
>DDX6-K356IYSCFYIHAKM	7	>DDX6-K356IYSCFYIHAEM	8	1
>DDX6-K356IYSCFYIHAKM	121	>DDX6-K356IYSCFYIHAEM	235	114
>DDX6-K356IYSCFYIHAKM	25	>DDX6-K356IYSCFYIHAEM	30	5
>DDX6-K356IYSCFYIHAK	126	>DDX6-K356IYSCFYIHAE	3430	3304
>DDX6-K356IGYSCFYIHAKI	121	>DDX6-K356IGYSCFYIHAEI	58	63
>DDX6-K356IGYSCFYIHAK	167	>DDX6-K356IGYSCFYIHAE	14461	14294

>DDX6-K356IGYSCFYIHAK	126	>DDX6-K356IGYSCFYIHAE	3217	3091
>DDX6-K356IGYSCFYIHAK	263	>DDX6-K356IGYSCFYIHAE	10365	10102
>DEK-K348N·KKVYENYPTY	447	>DEK-K348N·NKVYENYPTY	1292	845
>DEK-K348N·KKVYENYPT	414	>DEK-K348N·NKVYENYPT	4326	3912
>DEK-K348N·KKVYENYPTY	4	>DEK-K348N·NKVYENYPTY	15	11
>DEK-K348N·CKKVYENY	29	>DEK-K348N·CNKVYENY	2366	2337
>DEK-K348N·CKKVYENYPT	15	>DEK-K348N·CNKVYENYPT	1164	1149
>DEK-K348N·ICKKVYENY	1496	>DEK-K348N·ICNKVYENY	310	1186
>DEK-K348N·ICKKVYENY	152	>DEK-K348N·ICNKVYENY	266	114
>DEK-K348N·QICKKVYENY	193	>DEK-K348N·QICNKVYENY	201	8
>DEK-K348N·QICKKVYENY	126	>DEK-K348N·QICNKVYENY	282	156
>DEK-K348N·KQICKKVY	612	>DEK-K348N·KQICNKVY	323	289
>DEK-K348N·KQICKKVY	73	>DEK-K348N·KQICNKVY	58	15
>DEK-K348N·KQICKKVYEN	89	>DEK-K348N·KQICNKVYEN	72	17
>DEK-K348N·KQICKKVY	8	>DEK-K348N·KQICNKVY	4	4
>DEK-K348N·KQICKKVYEN	7	>DEK-K348N·KQICNKVYEN	4	3
>DEK-K348N·MKQICKKVY	30	>DEK-K348N·MKQICNKVY	10	20
>DEK-K348N·TMKQICKKV	835	>DEK-K348N·TMKQICNKV	41	794
>DEK-K348N·TMKQICKKV	43	>DEK-K348N·TMKQICNKV	14	29
>DEK-K348N·TMKQICKKV	18	>DEK-K348N·TMKQICNKV	9	9
>DEK-K348N·TMKQICKK	246	>DEK-K348N·TMKQICNK	169	77
>DEK-K348N·TMKQICKK	408	>DEK-K348N·TMKQICNK	201	207
>DEK-K348N·TMKQICKK	346	>DEK-K348N·TMKQICNK	153	193
>DEK-K348N·TMKQICKK	352	>DEK-K348N·TMKQICNK	222	130
>DEK-K348N·TMKQICKK	440	>DEK-K348N·TMKQICNK	274	166
>DEK-K348N·TMKQICKKVY	98	>DEK-K348N·TMKQICNKV	67	31
>DEK-K348N·TMKQICKKVY	256	>DEK-K348N·TMKQICNKV	151	105
>DEK-K348N·TMKQICKKVY	208	>DEK-K348N·TMKQICNKV	118	90
>DEK-K348N·VTMKQICKK\	420	>DEK-K348N·VTMKQICNK\	253	167
>DEK-K348N·VTMKQICKK\	339	>DEK-K348N·VTMKQICNK\	251	88
>DEK-K348N·VTMKQICKK\	374	>DEK-K348N·VTMKQICNK\	201	173
>DEK-K348N·VTMKQICK	76	>DEK-K348N·VTMKQICN	18767	18691
>DEK-K348N·VTMKQICKK	66	>DEK-K348N·VTMKQICNK	57	9
>DEK-K348N·VTMKQICK	11	>DEK-K348N·VTMKQICN	11579	11568
>DEK-K348N·VTMKQICKK	9	>DEK-K348N·VTMKQICNK	9	0
>DEK-K348N·VTMKQICKK\	257	>DEK-K348N·VTMKQICNK\	147	110
>DEK-K348N·VTMKQICK	181	>DEK-K348N·VTMKQICN	13312	13131
>DEK-K348N·VTMKQICKK	93	>DEK-K348N·VTMKQICNK	41	52
>DEK-K348N·VTMKQICKK\	142	>DEK-K348N·VTMKQICNK\	120	22
>DEK-K348N·VTMKQICKK	507	>DEK-K348N·VTMKQICNK	246	261
>DEK-K348N·VTMKQICK	127	>DEK-K348N·VTMKQICN	19031	18904
>DEK-K348N·VTMKQICKK	100	>DEK-K348N·VTMKQICNK	112	12
>DEK-K348N·VTMKQICKK\	1215	>DEK-K348N·VTMKQICNK\	358	857

>DEK-K348N·VTMKQICKK\	1262	>DEK-K348N·VTMKQICNK\	345	917
>DEK-K348N·VTMKQICKK\	250	>DEK-K348N·VTMKQICNK\	135	115
>DEK-K348N·VTMKQICKK\	303	>DEK-K348N·VTMKQICNK\	161	142
>DEK-K348N·VTMKQICKK\	391	>DEK-K348N·VTMKQICNK\	1052	661
>DEK-K348N·VTMKQICKK\	6	>DEK-K348N·VTMKQICNK\	5	1
>DEK-K348N·VTMKQICKK\	356	>DEK-K348N·VTMKQICNK\	462	106
>DEK-K348N·VTMKQICKK\	27	>DEK-K348N·VTMKQICNK\	28	1
>DEK-K348N·VTMKQICKK	591	>DEK-K348N·VTMKQICNK	325	266
>DEK-K348N·EVTMKQICKK	575	>DEK-K348N·EVTMKQICNI	415	160
>DEK-K348N·EVTMKQICK	14	>DEK-K348N·EVTMKQICN	6005	5991
>DEK-K348N·EVTMKQICKK	133	>DEK-K348N·EVTMKQICNI	165	32
>DEK-K348N·EVTMKQICKK	97	>DEK-K348N·EVTMKQICNI	23	74
>DICER1-D87DADSAYCV	5226	>DICER1-D87GADSAYCV	207	5019
>DICER1-D87DADSAYCV	88	>DICER1-D87GADSAYCV	5353	5265
>DICER1-D87DADSAYCVLF	188	>DICER1-D87GADSAYCVLF	7820	7632
>DICER1-D87TDADSAYCV	209	>DICER1-D87TGADSAYCV	49	160
>DICER1-D87TDADSAYCVL	416	>DICER1-D87TGADSAYCVL	739	323
>DICER1-D87TDADSAYCV	26	>DICER1-D87TGADSAYCV	3321	3295
>DICER1-D87TDADSAYCVL	101	>DICER1-D87TGADSAYCVL	11259	11158
>DICER1-D87PTDADSAY	11	>DICER1-D87PTGADSAY	950	939
>DICER1-D87PTDADSAY	4016	>DICER1-D87PTGADSAY	210	3806
>DICER1-D87PTDADSAY	6113	>DICER1-D87PTGADSAY	442	5671
>DICER1-D87PTDADSAY	1014	>DICER1-D87PTGADSAY	346	668
>DICER1-D87PTDADSAY	463	>DICER1-D87PTGADSAY	246	217
>DICER1-D87PTDADSAY	436	>DICER1-D87PTGADSAY	1541	1105
>DICER1-D87KPTDADSAY	422	>DICER1-D87KPTGADSAY	415	7
>DICER1-D87KPTDADSA	576	>DICER1-D87KPTGADSA	270	306
>DICER1-D87KPTDADSAYC	674	>DICER1-D87KPTGADSAYC	387	287
>DICER1-D87KPTDADSAY	904	>DICER1-D87KPTGADSAY	403	501
>DICER1-D87KPTDADSAY	7	>DICER1-D87KPTGADSAY	8	1
>DICER1-D87KPTDADSAY	400	>DICER1-D87KPTGADSAY	394	6
>DICER1-D87KPTDADSA	562	>DICER1-D87KPTGADSA	349	213
>DICER1-D87KPTDADSAY	518	>DICER1-D87KPTGADSAY	403	115
>DICER1-D87KPTDADSAY	10	>DICER1-D87KPTGADSAY	15	5
>DICER1-D87KPTDADSAY	422	>DICER1-D87KPTGADSAY	694	272
>DICER1-D87FKPTDADSAY	814	>DICER1-D87FKPTGADSAY	243	571
>DICER1-D87FKPTDADSAY	22	>DICER1-D87FKPTGADSAY	23	1
>DICER1-D87EFKPTDADSA	471	>DICER1-D87EFKPTGADSA	363	108
>DICER1-D87EFKPTDADSA	141	>DICER1-D87EFKPTGADSA	94	47
>DICER1-D87EFKPTDADSA	173	>DICER1-D87EFKPTGADSA	348	175
>DICER1-D87LEFKPTDA	481	>DICER1-D87LEFKPTGA	434	47
>DICER1-D87LEFKPTDADS.	245	>DICER1-D87LEFKPTGADS.	227	18
>DICER1-D87LEFKPTDADS.	553	>DICER1-D87LEFKPTGADS.	485	68

>DICER1-D87LEFKPTDADS.	219	>DICER1-D87LEFKPTGADS.	180	39
>DICER1-D87ALEFKPTDA	817	>DICER1-D87ALEFKPTGA	107	710
>DICER1-D87ALEFKPTDA	572	>DICER1-D87ALEFKPTGA	156	416
>DICER1-E50EEVLRKFR	222	>DICER1-E50KEVLRKFR	490	268
>DICER1-E50EEVLRKFR	10283	>DICER1-E50KEVLRKFR	200	10083
>DICER1-E50EEVLRKFR	276	>DICER1-E50KEVLRKFR	13391	13115
>DICER1-E50EEVLRKFRA	52	>DICER1-E50KEVLRKFRA	153	101
>DICER1-E50EEVLRKFR	295	>DICER1-E50KEVLRKFR	39	256
>DICER1-E50QEEVLRKF	5933	>DICER1-E50QKEVLRKF	401	5532
>DICER1-E50QEEVLRKF	194	>DICER1-E50QKEVLRKF	18817	18623
>DICER1-E50QEEVLRKFRA	465	>DICER1-E50QKEVLRKFRA	28808	28343
>DICER1-E50QEEVLRKFRA	66	>DICER1-E50QKEVLRKFRA	6028	5962
>DICER1-E50KQMEAEFRK	20947	>DICER1-E50KQMEAEFRK	232	20715
>DICER1-E50KQMEAEFRK	21056	>DICER1-E50KQMEAEFRK	52	21004
>DICER1-E50KQMEAEFRK	13816	>DICER1-E50KQMEAEFRK	139	13677
>DICER1-E50KQMEAEFRK	9756	>DICER1-E50KQMEAEFRK	237	9519
>DICER1-E50KQMEAEFRK	11113	>DICER1-E50KQMEAEFRK	203	10910
>DICER1-E50KQEEVLRKFR	159	>DICER1-E50KQKEVLRKFR	285	126
>DICER1-E50KQEEVLRK	1137	>DICER1-E50KQKEVLRK	216	921
>DICER1-E50KQEEVLRK	506	>DICER1-E50KQKEVLRK	433	73
>DICER1-E50KQEEVLRK	2854	>DICER1-E50KQKEVLRK	13	2841
>DICER1-E50KQEEVLRKFR	9693	>DICER1-E50KQKEVLRKFR	175	9518
>DICER1-E50KQEEVLRKFR	12106	>DICER1-E50KQKEVLRKFR	366	11740
>DICER1-E50KQEEVLRK	3269	>DICER1-E50KQKEVLRK	218	3051
>DICER1-E50KQEEVLRKFR	73	>DICER1-E50KQKEVLRKFR	11	62
>DICER1-E50KQEEVLRKF	4362	>DICER1-E50KQKEVLRKF	193	4169
>DICER1-E50KQEEVLRKF	313	>DICER1-E50KQKEVLRKF	13	300
>DICER1-E50KQEEVLRKFR	151	>DICER1-E50KQKEVLRKFR	120	31
>DICER1-E50RKQEEVLRKF	10	>DICER1-E50RKQKEVLRKF	8	2
>DICER1-E50RKQEEVLRKF	394	>DICER1-E50RKQKEVLRKF	334	60
>DICER1-E50RKQEEVLRKF	452	>DICER1-E50RKQKEVLRKF	732	280
>DICER1-E50RKQEEVLR	316	>DICER1-E50RKQKEVLR	191	125
>DICER1-E50RKQEEVLRKF	212	>DICER1-E50RKQKEVLRKF	117	95
>DICER1-E50FRKQEEVL	2464	>DICER1-E50FRKQKEVL	213	2251
>DICER1-E50FRKQEEVL	425	>DICER1-E50FRKQKEVL	714	289
>DICER1-E50FRKQEEVLRK	69	>DICER1-E50FRKQKEVLRK	120	51
>DICER1-E50FRKQEEVLR	678	>DICER1-E50FRKQKEVLR	461	217
>DICER1-E50FRKQEEVLRK	458	>DICER1-E50FRKQKEVLRK	389	69
>DICER1-E50FRKQEEVLRK	295	>DICER1-E50FRKQKEVLRK	235	60
>DICER1-E50EFRKQEEVLR	574	>DICER1-E50EFRKQKEVLR	184	390
>DICER1-E50EFRKQEEVLR	215	>DICER1-E50EFRKQKEVLR	219	4
>DICER1-E50EFRKQEEVLR	135	>DICER1-E50EFRKQKEVLR	112	23
>DICER1-E50AEFRKQEEV	114	>DICER1-E50AEFRKQKEV	24	90

>DICER1-E50 AEFRKQEEVL	663	>DICER1-E50 AEFRKQKEVL	181	482
>DICER1-E50 AEFRKQEEV	398	>DICER1-E50 AEFRKQKEV	2373	1975
>DICER1-E50 AEFRKQEEV	65	>DICER1-E50 AEFRKQKEV	72	7
>DICER1-E50 AEFRKQEEVL	246	>DICER1-E50 AEFRKQKEVL	202	44
>DICER1-E50 AEFRKQEEV	636	>DICER1-E50 AEFRKQKEV	472	164
>DICER1-E50 AEFRKQEEV	499	>DICER1-E50 AEFRKQKEV	242	257
>DICER1-E50 AEFRKQEEV	76	>DICER1-E50 AEFRKQKEV	128	52
>DICER1-E50 AEFRKQEEV	21	>DICER1-E50 AEFRKQKEV	52	31
>DICER1-E50 AEFRKQEEVL	24	>DICER1-E50 AEFRKQKEVL	29	5
>DICER1-E50 EAEFRKQE	12955	>DICER1-E50 EAEFRKQK	73	12882
>DICER1-E50 MEAEFRKQE	17	>DICER1-E50 MEAEFRKQK	9	8
>DICER1-E50 MEAEFRKQE	22186	>DICER1-E50 MEAEFRKQK	309	21877
>DICER1-E50 MEAEFRKQE	205	>DICER1-E50 MEAEFRKQK	1466	1261
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>DICER1-E50 MEAEFRKQE	301	>DICER1-E50 MEAEFRKQK	280	21
>DICER1-E50 MEAEFRKQE	320	>DICER1-E50 MEAEFRKQK	1104	784
>DICER1-E50 MEAEFRKQE	378	>DICER1-E50 MEAEFRKQK	354	24
>DICER1-E50 MEAEFRKQE	34	>DICER1-E50 MEAEFRKQK	39	5
>DICER1-E50 MEAEFRKQE	25	>DICER1-E50 MEAEFRKQK	52	27
>DICER1-Q84 QIRGDFSRNG	26	>DICER1-Q84 EIRGDFSRNG	918	892
>DICER1-Q84 QIRGDFSR	260	>DICER1-Q84 EIRGDFSR	1571	1311
>DICER1-Q84 QIRGDFSR	166	>DICER1-Q84 EIRGDFSR	24	142
>DICER1-Q84 QIRGDFSR	374	>DICER1-Q84 EIRGDFSR	27	347
>DICER1-Q84 QIRGDFSRNG	1414	>DICER1-Q84 EIRGDFSRNG	94	1320
>DICER1-Q84 QIRGDFSR	316	>DICER1-Q84 EIRGDFSR	515	199
>DICER1-Q84 YQIRGDFS	54	>DICER1-Q84 YEIRGDFS	7587	7533
>DICER1-Q84 YQIRGDFSR	96	>DICER1-Q84 YEIRGDFSR	6924	6828
>DICER1-Q84 YQIRGDFSR	162	>DICER1-Q84 YEIRGDFSR	380	218
>DICER1-Q84 YQIRGDFSR	459	>DICER1-Q84 YEIRGDFSR	9253	8794
>DICER1-Q84 YQIRGDFSR	12713	>DICER1-Q84 YEIRGDFSR	288	12425
>DICER1-Q84 SYQIRGDF	464	>DICER1-Q84 SYEIRGDF	2135	1671
>DICER1-Q84 SYQIRGDF	263	>DICER1-Q84 SYEIRGDF	1487	1224
>DICER1-Q84 SYQIRGDF	396	>DICER1-Q84 SYEIRGDF	1460	1064
>DICER1-Q84 SYQIRGDF	8	>DICER1-Q84 SYEIRGDF	25	17
>DICER1-Q84 SYQIRGDFSR	81	>DICER1-Q84 SYEIRGDFSR	487	406
>DICER1-Q84 SYQIRGDFSR	101	>DICER1-Q84 SYEIRGDFSR	275	174
>DICER1-Q84 SYQIRGDFSR	136	>DICER1-Q84 SYEIRGDFSR	130	6
>DICER1-Q84 LSYQIRGDFS	33	>DICER1-Q84 LSYEIRGDFS	25	8
>DICER1-Q84 LSYQIRGDFS	143	>DICER1-Q84 LSYEIRGDFS	73	70
>DICER1-Q84 LSYQIRGDFS	14	>DICER1-Q84 LSYEIRGDFS	11	3
>DICER1-Q84 LSYQIRGDF	371	>DICER1-Q84 LSYEIRGDF	682	311
>DICER1-Q84 LSYQIRGDF	128	>DICER1-Q84 LSYEIRGDF	110	18
>DICER1-Q84 LSYQIRGDF	15	>DICER1-Q84 LSYEIRGDF	19	4

>DICER1-Q84 LSYQIRGDF	46	>DICER1-Q84 LSYEIRGDF	184	138
>DICER1-Q84 KELSYQIR	289	>DICER1-Q84 KELSYEIR	651	362
>DICER1-Q84 KELSYQIRGDI	116	>DICER1-Q84 KELSYEIRGDF	138	22
>DICER1-Q84 KELSYQIRGDI	184	>DICER1-Q84 KELSYEIRGDF	270	86
>DICER1-Q84 KELSYQIRGDI	114	>DICER1-Q84 KELSYEIRGDF	151	37
>DICER1-Q84 KELSYQIRGDI	39	>DICER1-Q84 KELSYEIRGDF	56	17
>DICER1-Q84 KELSYQIR	79	>DICER1-Q84 KELSYEIR	94	15
>DICER1-Q84 LTKELSYQI	414	>DICER1-Q84 LTKELSYEI	196	218
>DICER1-Q84 LTKELSYQI	143	>DICER1-Q84 LTKELSYEI	140	3
>DICER1-Q84 LTKELSYQIR	310	>DICER1-Q84 LTKELSYEIR	1686	1376
>DICER1-Q84 LTKELSYQIR	128	>DICER1-Q84 LTKELSYEIR	155	27
>DICER1-Q84 LTKELSYQI	249	>DICER1-Q84 LTKELSYEI	272	23
>DICER1-Q84 LTKELSYQIR	87	>DICER1-Q84 LTKELSYEIR	38	49
>DICER1-Q84 LTKELSYQI	209	>DICER1-Q84 LTKELSYEI	78	131
>DICER1-Q84 LTKELSYQI	394	>DICER1-Q84 LTKELSYEI	534	140
>DICER1-Q84 LTKELSYQI	41	>DICER1-Q84 LTKELSYEI	97	56
>DICER1-Q84 LTKELSYQI	238	>DICER1-Q84 LTKELSYEI	565	327
>DICER1-Q84 LTKELSYQI	455	>DICER1-Q84 LTKELSYEI	943	488
>DICER1-Q84 LTKELSYQI	82	>DICER1-Q84 LTKELSYEI	284	202
>DICER1-Q84 LLTKELSYQI	593	>DICER1-Q84 LLTKELSYEI	234	359
>DICER1-Q84 LLTKELSYQ	491	>DICER1-Q84 LLTKELSYE	3690	3199
>DICER1-Q84 LLTKELSYQI	98	>DICER1-Q84 LLTKELSYEI	58	40
>DICER1-Q84 LLTKELSYQI	404	>DICER1-Q84 LLTKELSYEI	184	220
>DICER1-Q84 LLTKELSYQI	489	>DICER1-Q84 LLTKELSYEI	271	218
>DICER1-Q84 LLTKELSYQI	21	>DICER1-Q84 LLTKELSYEI	18	3
>DICER1-Q84 LLTKELSYQI	21	>DICER1-Q84 LLTKELSYEI	12	9
>DICER1-Q84 LLTKELSYQI	38	>DICER1-Q84 LLTKELSYEI	31	7
>DICER1-Q84 LLTKELSYQI	81	>DICER1-Q84 LLTKELSYEI	153	72
>DICER1-Q84 LLTKELSYQ	43	>DICER1-Q84 LLTKELSYE	3439	3396
>DICER1-Q84 LLTKELSYQI	7	>DICER1-Q84 LLTKELSYEI	7	0
>DICER1-Q84 VLLTKELSYQI	45	>DICER1-Q84 VLLTKELSYEI	25	20
>DICER1-Q84 VLLTKELSYQI	200	>DICER1-Q84 VLLTKELSYEI	130	70
>DICER1-Q84 VLLTKELSYQI	412	>DICER1-Q84 VLLTKELSYEI	388	24
>DICER1-Q84 VLLTKELSYQI	436	>DICER1-Q84 VLLTKELSYEI	246	190
>DICER1-Q84 VLLTKELSYQI	7	>DICER1-Q84 VLLTKELSYEI	6	1
>DICER1-Q84 VLLTKELSYQI	17	>DICER1-Q84 VLLTKELSYEI	11	6
>DICER1-Q84 VLLTKELSYQI	16	>DICER1-Q84 VLLTKELSYEI	14	2
>DICER1-Q84 VLLTKELSYQI	13	>DICER1-Q84 VLLTKELSYEI	19	6
>DICER1-Q84 VLLTKELSYQ	120	>DICER1-Q84 VLLTKELSYE	5883	5763
>DICER1-Q84 VLLTKELSYQI	12	>DICER1-Q84 VLLTKELSYEI	12	0
>DICER1-Q84 VLLTKELSYQI	245	>DICER1-Q84 VLLTKELSYEI	272	27
>DICER1-T80 TAKPIPQI	584	>DICER1-T80 MAKPIPQI	34	550
>DICER1-T80 TAKPIPQIPH	4283	>DICER1-T80 MAKPIPQIPH	426	3857



>DICER1-T80 TAKPIPQIPH	3732	>DICER1-T80 MAKPIPQIPH	333	3399
>DICER1-T80 TAKPIPQIPH	417	>DICER1-T80 MAKPIPQIPH	120	297
>DICER1-T80 TAKPIPQIPH	272	>DICER1-T80 MAKPIPQIPH	31	241
>DICER1-T80 TAKPIPQI	1373	>DICER1-T80 MAKPIPQI	152	1221
>DICER1-T80 TAKPIPQIPH	35	>DICER1-T80 MAKPIPQIPH	8	27
>DICER1-T80 TAKPIPQIPH	4927	>DICER1-T80 MAKPIPQIPH	412	4515
>DICER1-T80 TAKPIPQIPH	230	>DICER1-T80 MAKPIPQIPH	110	120
>DICER1-T80 TAKPIPQIPH	1617	>DICER1-T80 MAKPIPQIPH	86	1531
>DICER1-T80 TAKPIPQI	164	>DICER1-T80 MAKPIPQI	57	107
>DICER1-T80 LTAKPIPQI	3039	>DICER1-T80 LMAKPIPQI	48	2991
>DICER1-T80 LTAKPIPQI	2600	>DICER1-T80 LMAKPIPQI	70	2530
>DICER1-T80 LTAKPIPQI	1868	>DICER1-T80 LMAKPIPQI	20	1848
>DICER1-T80 LTAKPIPQI	776	>DICER1-T80 LMAKPIPQI	87	689
>DICER1-T80 LTAKPIPQI	201	>DICER1-T80 LMAKPIPQI	3	198
>DICER1-T80 LTAKPIPQI	14445	>DICER1-T80 LMAKPIPQI	99	14346
>DICER1-T80 LTAKPIPQI	1197	>DICER1-T80 LMAKPIPQI	13	1184
>DICER1-T80 LTAKPIPQI	7211	>DICER1-T80 LMAKPIPQI	7	7204
>DICER1-T80 LTAKPIPQ	22547	>DICER1-T80 LMAKPIPQ	254	22293
>DICER1-T80 LTAKPIPQI	1575	>DICER1-T80 LMAKPIPQI	5	1570
>DICER1-T80 LTAKPIPQI	243	>DICER1-T80 LMAKPIPQI	7048	6805
>DICER1-T80 LTAKPIPQI	29	>DICER1-T80 LMAKPIPQI	223	194
>DICER1-T80 LTAKPIPQI	4054	>DICER1-T80 LMAKPIPQI	250	3804
>DICER1-T80 LTAKPIPQI	35	>DICER1-T80 LMAKPIPQI	4284	4249
>DICER1-T80 LTAKPIPQI	236	>DICER1-T80 LMAKPIPQI	1707	1471
>DICER1-T80 LTAKPIPQI	53	>DICER1-T80 LMAKPIPQI	6122	6069
>DICER1-T80 LTAKPIPQI	183	>DICER1-T80 LMAKPIPQI	9990	9807
>DICER1-T80 LTAKPIPQI	9	>DICER1-T80 LMAKPIPQI	140	131
>DICER1-T80 ILTAKPIPQI	583	>DICER1-T80 ILMAKPIPQI	25	558
>DICER1-T80 ILTAKPIPQI	225	>DICER1-T80 ILMAKPIPQI	28	197
>DICER1-T80 ILTAKPIPQI	125	>DICER1-T80 ILMAKPIPQI	22	103
>DICER1-T80 ILTAKPIPQI	1247	>DICER1-T80 ILMAKPIPQI	128	1119
>DICER1-T80 ILTAKPIPQI	8	>DICER1-T80 ILMAKPIPQI	3	5
>DICER1-T80 ILTAKPIPQI	254	>DICER1-T80 ILMAKPIPQI	24	230
>DICER1-T80 ILTAKPIPQI	33	>DICER1-T80 ILMAKPIPQI	25	8
>DICER1-T80 ILTAKPIPQI	80	>DICER1-T80 ILMAKPIPQI	5	75
>DICER1-T80 ILTAKPIPQ	508	>DICER1-T80 ILMAKPIPQ	436	72
>DICER1-T80 ILTAKPIPQI	9	>DICER1-T80 ILMAKPIPQI	9	0
>DICER1-T80 ILTAKPIPQI	4425	>DICER1-T80 ILMAKPIPQI	324	4101
>DICER1-T80 GILTAKPIPQI	179	>DICER1-T80 GILMAKPIPQ	131	48
>DICER1-T80 GILTAKPIPQI	129	>DICER1-T80 GILMAKPIPQ	108	21
>DICER1-T80 GILTAKPIPQI	397	>DICER1-T80 GILMAKPIPQ	273	124
>DICER1-T80 FGILTAKPI	520	>DICER1-T80 FGILMAKPI	419	101
>DICER1-T80 CFGILTAKPI	397	>DICER1-T80 CFGILMAKPI	633	236

>DICER1-T80 RCFGILTAK	268	>DICER1-T80 RCFGILMAK	112	156
>DICER1-T80 RCFGILTAK	2601	>DICER1-T80 RCFGILMAK	377	2224
>DICER1-T80 RCFGILTAK	129	>DICER1-T80 RCFGILMAK	11	118
>DICER1-T80 RCFGILTAKPI	852	>DICER1-T80 RCFGILMAKP	475	377
>DICER1-T80 RCFGILTAK	235	>DICER1-T80 RCFGILMAK	392	157
>DICER1-T80 RCFGILTA	204	>DICER1-T80 RCFGILMA	1507	1303
>DICER1-T80 RCFGILTAK	230	>DICER1-T80 RCFGILMAK	245	15
>DICER1-T80 RCFGILTAKPI	9	>DICER1-T80 RCFGILMAKP	8	1
>DICER1-T80 RCFGILTAK	335	>DICER1-T80 RCFGILMAK	131	204
>DICER1-T80 RCFGILTAKPI	107	>DICER1-T80 RCFGILMAKP	180	73
>DICER1-T80 TRCFGILTAK	552	>DICER1-T80 TRCFGILMAK	237	315
>DICER1-T80 TRCFGILTAK	1146	>DICER1-T80 TRCFGILMAK	235	911
>DICER1-T80 TTRCFGILT	7092	>DICER1-T80 TTRCFGILM	453	6639
>DICER1-T80 TTRCFGILTA	293	>DICER1-T80 TTRCFGILMA	800	507
>DICER1-T80 TTRCFGILTAK	150	>DICER1-T80 TTRCFGILMA	90	60
>DICER1-T80 TTRCFGILTAK	79	>DICER1-T80 TTRCFGILMA	32	47
>DICER1-T80 TTRCFGILT	4253	>DICER1-T80 TTRCFGILM	18	4235
>DICER1-T80 TTRCFGILT	149	>DICER1-T80 TTRCFGILM	19	130
>DICER1-T80 TTRCFGILTA	11	>DICER1-T80 TTRCFGILMA	15	4
>DICER1-T80 TTRCFGILTAK	6	>DICER1-T80 TTRCFGILMA	4	2
>DICER1-T80 TTRCFGILTAK	160	>DICER1-T80 TTRCFGILMA	241	81
>DICER1-T80 TTRCFGILTAK	416	>DICER1-T80 TTRCFGILMA	411	5
>DICER1-T80 TTRCFGILTAK	48	>DICER1-T80 TTRCFGILMA	45	3
>DICER1-T80 TTRCFGILT	7250	>DICER1-T80 TTRCFGILM	39	7211
>DICER1-T80 TTRCFGILT	5336	>DICER1-T80 TTRCFGILM	173	5163
>DICER1-T80 TTRCFGILT	229	>DICER1-T80 TTRCFGILM	5	224
>DICER1-T80 TTRCFGILTAK	642	>DICER1-T80 TTRCFGILMA	358	284
>DICER1-T80 DTTRCFGILT	15716	>DICER1-T80 DTTRCFGILM	170	15546
>DICER1-T80 DTTRCFGILT	16155	>DICER1-T80 DTTRCFGILM	199	15956
>DICER1-T80 DTTRCFGILT/	422	>DICER1-T80 DTTRCFGILM	412	10
>DICER1-T80 DTTRCFGILT	5154	>DICER1-T80 DTTRCFGILM	38	5116
>DNMT3A-A: AIYEV LQV	17	>DNMT3A-A: DIYEV LQV	2688	2671
>DNMT3A-A: AIYEV LQVA	182	>DNMT3A-A: DIYEV LQVA	13829	13647
>DNMT3A-A: AIYEV LQV	25	>DNMT3A-A: DIYEV LQV	1182	1157
>DNMT3A-A: AIYEV LQVA	268	>DNMT3A-A: DIYEV LQVA	6041	5773
>DNMT3A-A: AIYEV LQV	5	>DNMT3A-A: DIYEV LQV	193	188
>DNMT3A-A: AIYEV LQVA	15	>DNMT3A-A: DIYEV LQVA	1528	1513
>DNMT3A-A: AIYEV LQVAS!	217	>DNMT3A-A: DIYEV LQVAS!	8281	8064
>DNMT3A-A: AIYEV LQV	8	>DNMT3A-A: DIYEV LQV	331	323
>DNMT3A-A: AIYEV LQVA	18	>DNMT3A-A: DIYEV LQVA	2515	2497
>DNMT3A-A: AIYEV LQVAS!	435	>DNMT3A-A: DIYEV LQVAS!	11474	11039
>DNMT3A-A: AIYEV LQV	2	>DNMT3A-A: DIYEV LQV	8	6
>DNMT3A-A: AIYEV LQVA	6	>DNMT3A-A: DIYEV LQVA	184	178

>DNMT3A-A: AIYEV LQVAS	294	>DNMT3A-A: DIYEV LQVAS	6156	5862
>DNMT3A-A: AIYEV LQVAS!	162	>DNMT3A-A: DIYEV LQVAS!	4643	4481
>DNMT3A-A: AIYEV LQV	26	>DNMT3A-A: DIYEV LQV	1223	1197
>DNMT3A-A: AIYEV LQVA	358	>DNMT3A-A: DIYEV LQVA	7133	6775
>DNMT3A-A: AIYEV LQV	5	>DNMT3A-A: DIYEV LQV	22	17
>DNMT3A-A: AIYEV LQVA	39	>DNMT3A-A: DIYEV LQVA	1051	1012
>DNMT3A-A: AIYEV LQV	20	>DNMT3A-A: DIYEV LQV	102	82
>DNMT3A-A: AIYEV LQV	2	>DNMT3A-A: DIYEV LQV	17	15
>DNMT3A-A: AIYEV LQVA	18	>DNMT3A-A: DIYEV LQVA	3532	3514
>DNMT3A-A: AIYEV LQV	943	>DNMT3A-A: DIYEV LQV	121	822
>DNMT3A-A: AIYEV LQV	42	>DNMT3A-A: DIYEV LQV	7	35
>DNMT3A-A: AIYEV LQVA	3874	>DNMT3A-A: DIYEV LQVA	288	3586
>DNMT3A-A: KAIYEV LQV	381	>DNMT3A-A: KDIYEV LQV	16771	16390
>DNMT3A-A: KAIYEV LQV	241	>DNMT3A-A: KDIYEV LQV	6240	5999
>DNMT3A-A: KAIYEV LQV	76	>DNMT3A-A: KDIYEV LQV	6228	6152
>DNMT3A-A: KAIYEV LQV	116	>DNMT3A-A: KDIYEV LQV	20776	20660
>DNMT3A-A: KAIYEV LQV	298	>DNMT3A-A: KDIYEV LQV	21175	20877
>DNMT3A-A: KAIYEV LQV	9355	>DNMT3A-A: KDIYEV LQV	132	9223
>DNMT3A-A: KAIYEV LQV	30906	>DNMT3A-A: KDIYEV LQV	163	30743
>DNMT3A-A: RKAIYEV L	26	>DNMT3A-A: RKDIYEV L	747	721
>DNMT3A-A: RKAIYEV LQV	85	>DNMT3A-A: RKDIYEV LQV	1871	1786
>DNMT3A-A: RKAIYEV LQV,	266	>DNMT3A-A: RKDIYEV LQV,	5147	4881
>DNMT3A-A: YRKAIYEV	1621	>DNMT3A-A: YRKDIYEV	279	1342
>DNMT3A-A: YRKAIYEV	346	>DNMT3A-A: YRKDIYEV	679	333
>DNMT3A-A: YRKAIYEV L	156	>DNMT3A-A: YRKDIYEV L	286	130
>DNMT3A-A: YRKAIYEV LQ\	356	>DNMT3A-A: YRKDIYEV LQ\	652	296
>DNMT3A-A: YRKAIYEV	150	>DNMT3A-A: YRKDIYEV	330	180
>DNMT3A-A: YRKAIYEV L	117	>DNMT3A-A: YRKDIYEV L	256	139
>DNMT3A-A: YRKAIYEV LQ\	199	>DNMT3A-A: YRKDIYEV LQ\	386	187
>DNMT3A-A: YRKAIYEV L	228	>DNMT3A-A: YRKDIYEV L	511	283
>DNMT3A-A: YRKAIYEV L	203	>DNMT3A-A: YRKDIYEV L	544	341
>DNMT3A-A: YRKAIYEV L	203	>DNMT3A-A: YRKDIYEV L	335	132
>DNMT3A-A: MYRKAIYEV	207	>DNMT3A-A: MYRKDIYEV	194	13
>DNMT3A-A: MYRKAIYEV	133	>DNMT3A-A: MYRKDIYEV	348	215
>DNMT3A-A: MYRKAIYEV L	327	>DNMT3A-A: MYRKDIYEV L	680	353
>DNMT3A-A: MYRKAIYEV L	379	>DNMT3A-A: MYRKDIYEV L	654	275
>DNMT3A-A: MYRKAIYEV	29	>DNMT3A-A: MYRKDIYEV	76	47
>DNMT3A-A: MYRKAIYEV L	6	>DNMT3A-A: MYRKDIYEV L	8	2
>DNMT3A-A: MYRKAIYE	63	>DNMT3A-A: MYRKDIYE	523	460
>DNMT3A-A: MYRKAIYEV	7	>DNMT3A-A: MYRKDIYEV	60	53
>DNMT3A-A: MYRKAIYEV L	29	>DNMT3A-A: MYRKDIYEV L	205	176
>DNMT3A-A: MYRKAIYEV L	41	>DNMT3A-A: MYRKDIYEV L	272	231
>DNMT3A-A: MYRKAIYEV	417	>DNMT3A-A: MYRKDIYEV	580	163

>DNMT3A-A:PMYRKAIYEV	183	>DNMT3A-A:PMYRKDIYEV	207	24
>DNMT3A-A:PMYRKAIYEV	442	>DNMT3A-A:PMYRKDIYEV	602	160
>DNMT3A-A:PMYRKAIYEV	466	>DNMT3A-A:PMYRKDIYEV	658	192
>DNMT3A-A:PMYRKAIYEV	140	>DNMT3A-A:PMYRKDIYEV	212	72
>DNMT3A-A:PMYRKAIYEV	3	>DNMT3A-A:PMYRKDIYEV	4	1
>DNMT3A-A:PMYRKAIYEV	44	>DNMT3A-A:PMYRKDIYEV	60	16
>DNMT3A-A:PMYRKAIYEV	18	>DNMT3A-A:PMYRKDIYEV	18	0
>DNMT3A-A:PMYRKAIYEV	9	>DNMT3A-A:PMYRKDIYEV	9	0
>DNMT3A-A:PMYRKAIYEV	319	>DNMT3A-A:PMYRKDIYEV	265	54
>DNMT3A-A:PMYRKAIYEV	12	>DNMT3A-A:PMYRKDIYEV	31	19
>DNMT3A-A:PMYRKAIYEV	6	>DNMT3A-A:PMYRKDIYEV	7	1
>DNMT3A-A:PMYRKAIYEV	71	>DNMT3A-A:PMYRKDIYEV	71	0
>DNMT3A-A:PMYRKAIY	109	>DNMT3A-A:PMYRKDIY	302	193
>DNMT3A-A:PMYRKAIY	279	>DNMT3A-A:PMYRKDIY	565	286
>DNMT3A-A:PMYRKAIY	414	>DNMT3A-A:PMYRKDIY	492	78
>DNMT3A-A:PMYRKAIY	118	>DNMT3A-A:PMYRKDIY	458	340
>DNMT3A-A:QPMYRKAIYE	220	>DNMT3A-A:QPMYRKDIYE	422	202
>DNMT3A-A:QPMYRKAIYE	490	>DNMT3A-A:QPMYRKDIYE	784	294
>DNMT3A-A:QPMYRKAI	26	>DNMT3A-A:QPMYRKDI	330	304
>DNMT3A-A:QPMYRKAIYE	166	>DNMT3A-A:QPMYRKDIYE	429	263
>DNMT3A-A:QPMYRKAI	33	>DNMT3A-A:QPMYRKDI	134	101
>DNMT3A-A:QPMYRKAIYE	164	>DNMT3A-A:QPMYRKDIYE	337	173
>DNMT3A-A:QPMYRKAIY	154	>DNMT3A-A:QPMYRKDIY	170	16
>DNMT3A-A:QPMYRKAIY	263	>DNMT3A-A:QPMYRKDIY	490	227
>DNMT3A-A:QPMYRKAIYE	363	>DNMT3A-A:QPMYRKDIYE	563	200
>DNMT3A-A:QPMYRKAIY	307	>DNMT3A-A:QPMYRKDIY	1724	1417
>DNMT3A-A:KQPMYRKAI	186	>DNMT3A-A:KQPMYRKDI	181	5
>DNMT3A-A:KQPMYRKAIY	118	>DNMT3A-A:KQPMYRKDIY	715	597
>DNMT3A-A:KQPMYRKAIY	236	>DNMT3A-A:KQPMYRKDIY	935	699
>DNMT3A-A:KQPMYRKAI	56	>DNMT3A-A:KQPMYRKDI	287	231
>DNMT3A-A:KQPMYRKAIY	24	>DNMT3A-A:KQPMYRKDIY	82	58
>DNMT3A-A:NKQPMYRKA	215	>DNMT3A-A:NKQPMYRKD	198	17
>DNMT3A-A:NKQPMYRKA	261	>DNMT3A-A:NKQPMYRKD	624	363
>DNMT3A-A:ARPKEGDDRI	233	>DNMT3A-A:VRPKEGDDRI	351	118
>DNMT3A-A:FFEFYRLLHDV	13696	>DNMT3A-A:FFEFYRLLHDV	376	13320
>DNMT3A-A:LLHDARPK	234	>DNMT3A-A:LLHDVRPK	152	82
>DNMT3A-A:LLHDARPK	738	>DNMT3A-A:LLHDVRPK	334	404
>DNMT3A-A:LLHDARPK	31	>DNMT3A-A:LLHDVRPK	45	14
>DNMT3A-A:RLLHDARPK	67	>DNMT3A-A:RLLHDVRPK	63	4
>DNMT3A-A:RLLHDARPK	587	>DNMT3A-A:RLLHDVRPK	330	257
>DNMT3A-A:RLLHDARPK	59	>DNMT3A-A:RLLHDVRPK	42	17
>DNMT3A-A:YRLLHDAR	194	>DNMT3A-A:YRLLHDVR	179	15
>DNMT3A-A:FYRLLHDARP	48	>DNMT3A-A:FYRLLHDVRP	44	4

>DNMT3A-A: FYRLLHDAR	224	>DNMT3A-A: FYRLLHDVR	396	172
>DNMT3A-A: FYRLLHDAR	17	>DNMT3A-A: FYRLLHDVR	39	22
>DNMT3A-A: FYRLLHDAR	132	>DNMT3A-A: FYRLLHDVR	104	28
>DNMT3A-A: EFYRLLHDAR	116	>DNMT3A-A: EFYRLLHDVR	262	146
>DNMT3A-A: EFYRLLHDAR	34	>DNMT3A-A: EFYRLLHDVR	80	46
>DNMT3A-A: EFYRLLHDAR	201	>DNMT3A-A: EFYRLLHDVR	355	154
>DNMT3A-A: EFYRLLHDAR	76	>DNMT3A-A: EFYRLLHDVR	64	12
>DNMT3A-A: EFYRLLHDA	2362	>DNMT3A-A: EFYRLLHDV	398	1964
>DNMT3A-A: FEFYRLLHDA	87	>DNMT3A-A: FEFYRLLHDV	9	78
>DNMT3A-A: FEFYRLLHDA	2780	>DNMT3A-A: FEFYRLLHDV	484	2296
>DNMT3A-A: FEFYRLLHDAI	210	>DNMT3A-A: FEFYRLLHDVI	214	4
>DNMT3A-A: FEFYRLLHDA	956	>DNMT3A-A: FEFYRLLHDV	419	537
>DNMT3A-A: FEFYRLLHDA	70	>DNMT3A-A: FEFYRLLHDV	40	30
>DNMT3A-A: FEFYRLLHDA	158	>DNMT3A-A: FEFYRLLHDV	535	377
>DNMT3A-A: FEFYRLLHDA	324	>DNMT3A-A: FEFYRLLHDV	17	307
>DNMT3A-A: HLFAPLKEYF/	57	>DNMT3A-A: HLFAPLKEYF/	344	287
>DNMT3A-A: HLFAPLKEYF/	17	>DNMT3A-A: HLFAPLKEYF/	86	69
>DNMT3A-A: HLFAPLKEYF/	84	>DNMT3A-A: HLFAPLKEYF/	945	861
>DNMT3A-A: HLFAPLKEYF/	321	>DNMT3A-A: HLFAPLKEYF/	1526	1205
>DNMT3A-A: HLFAPLKEYF/	14	>DNMT3A-A: HLFAPLKEYF/	74	60
>DNMT3A-A: HLFAPLKEYF/	58	>DNMT3A-A: HLFAPLKEYF/	697	639
>DNMT3A-A: HLFAPLKEYF/	60	>DNMT3A-A: HLFAPLKEYF/	569	509
>DNMT3A-A: HLFAPLKEYF/	29	>DNMT3A-A: HLFAPLKEYF/	198	169
>DNMT3A-A: HLFAPLKEYF/	124	>DNMT3A-A: HLFAPLKEYF/	1458	1334
>DNMT3A-A: LKEYFACV	661	>DNMT3A-A: LKEYFTCV	398	263
>DNMT3A-A: PLKEYFACV	218	>DNMT3A-A: PLKEYFTCV	235	17
>DNMT3A-A: PLKEYFACV	95	>DNMT3A-A: PLKEYFTCV	80	15
>DNMT3A-A: PLKEYFACV	70	>DNMT3A-A: PLKEYFTCV	194	124
>DNMT3A-A: PLKEYFACV	180	>DNMT3A-A: PLKEYFTCV	733	553
>DNMT3A-A: PLKEYFACV	328	>DNMT3A-A: PLKEYFTCV	314	14
>DNMT3A-A: PLKEYFACV	143	>DNMT3A-A: PLKEYFTCV	718	575
>DNMT3A-A: PLKEYFACV	10	>DNMT3A-A: PLKEYFTCV	11	1
>DNMT3A-A: PLKEYFACV	160	>DNMT3A-A: PLKEYFTCV	217	57
>DNMT3A-A: FAPLKEYFAC\	282	>DNMT3A-A: FAPLKEYFTC\	326	44
>DNMT3A-A: FAPLKEYFAC\	78	>DNMT3A-A: FAPLKEYFTC\	81	3
>DNMT3A-A: FAPLKEYFAC\	194	>DNMT3A-A: FAPLKEYFTC\	247	53
>DNMT3A-A: FAPLKEYFA	496	>DNMT3A-A: FAPLKEYFT	4912	4416
>DNMT3A-A: FAPLKEYFAC\	96	>DNMT3A-A: FAPLKEYFTC\	158	62
>DNMT3A-A: FAPLKEYFA	459	>DNMT3A-A: FAPLKEYFT	10167	9708
>DNMT3A-A: FAPLKEYFAC\	118	>DNMT3A-A: FAPLKEYFTC\	232	114
>DNMT3A-A: LFAPLKEYFA	278	>DNMT3A-A: LFAPLKEYFT	1749	1471
>DNMT3A-E: EQEPRGKEE	845	>DNMT3A-E: EQAEPGKEE	135	710
>DNMT3A-E: KDGEEQEPF	662	>DNMT3A-E: KDGEEQAEPF	343	319

>DNMT3A-F <sup>Δ</sup> FQPSGPKGL	162	>DNMT3A-F <sup>Δ</sup> SQPSGPKGL	2312	2150
>DNMT3A-F <sup>Δ</sup> FQPSGPKGL	184	>DNMT3A-F <sup>Δ</sup> SQPSGPKGL	2684	2500
>DNMT3A-F <sup>Δ</sup> FQPSGPKGL	217	>DNMT3A-F <sup>Δ</sup> SQPSGPKGL	800	583
>DNMT3A-F <sup>Δ</sup> GFQPSGPK	792	>DNMT3A-F <sup>Δ</sup> GSQPSGPK	22	770
>DNMT3A-F <sup>Δ</sup> GFQPSGPK	715	>DNMT3A-F <sup>Δ</sup> GSQPSGPK	199	516
>DNMT3A-F <sup>Δ</sup> GFQPSGPKGI	21681	>DNMT3A-F <sup>Δ</sup> GSQPSGPKGI	17	21664
>DNMT3A-F <sup>Δ</sup> GFQPSGPKGI	16557	>DNMT3A-F <sup>Δ</sup> GSQPSGPKGI	321	16236
>DNMT3A-F <sup>Δ</sup> GFQPSGPK	5180	>DNMT3A-F <sup>Δ</sup> GSQPSGPK	408	4772
>DNMT3A-F <sup>Δ</sup> KPMIEWALG	129	>DNMT3A-F <sup>Δ</sup> KPMIEWALG	11773	11644
>DNMT3A-F <sup>Δ</sup> KPMIEWALG	264	>DNMT3A-F <sup>Δ</sup> KPMIEWALG	9580	9316
>DNMT3A-F <sup>Δ</sup> GGFQPSGPK	446	>DNMT3A-F <sup>Δ</sup> GGSQPSGPK	2454	2008
>DNMT3A-F <sup>Δ</sup> ALGGFQPS	173	>DNMT3A-F <sup>Δ</sup> ALGGSQPS	221	48
>DNMT3A-F <sup>Δ</sup> ALGGFQPSG	292	>DNMT3A-F <sup>Δ</sup> ALGGSQPSG	345	53
>DNMT3A-F <sup>Δ</sup> ALGGFQPSGI	71	>DNMT3A-F <sup>Δ</sup> ALGGSQPSGI	64	7
>DNMT3A-F <sup>Δ</sup> ALGGFQPSGI	95	>DNMT3A-F <sup>Δ</sup> ALGGSQPSGI	158	63
>DNMT3A-F <sup>Δ</sup> WALGGFQPS	392	>DNMT3A-F <sup>Δ</sup> WALGGSQPS	3592	3200
>DNMT3A-F <sup>Δ</sup> WALGGFQPS	772	>DNMT3A-F <sup>Δ</sup> WALGGSQPS	236	536
>DNMT3A-F <sup>Δ</sup> EWALGGFQ	301	>DNMT3A-F <sup>Δ</sup> EWALGGSQ	821	520
>DNMT3A-F <sup>Δ</sup> IEWALGGF	227	>DNMT3A-F <sup>Δ</sup> IEWALGGS	16978	16751
>DNMT3A-F <sup>Δ</sup> IEWALGGF	16	>DNMT3A-F <sup>Δ</sup> IEWALGGS	1650	1634
>DNMT3A-F <sup>Δ</sup> IEWALGGFQ	755	>DNMT3A-F <sup>Δ</sup> IEWALGGSQ	230	525
>DNMT3A-F <sup>Δ</sup> IEWALGGFQI	143	>DNMT3A-F <sup>Δ</sup> IEWALGGSQI	194	51
>DNMT3A-F <sup>Δ</sup> IEWALGGF	320	>DNMT3A-F <sup>Δ</sup> IEWALGGS	10741	10421
>DNMT3A-F <sup>Δ</sup> IEWALGGFQI	278	>DNMT3A-F <sup>Δ</sup> IEWALGGSQI	914	636
>DNMT3A-F <sup>Δ</sup> IEWALGGFQI	475	>DNMT3A-F <sup>Δ</sup> IEWALGGSQI	784	309
>DNMT3A-F <sup>Δ</sup> IEWALGGF	438	>DNMT3A-F <sup>Δ</sup> IEWALGGS	9969	9531
>DNMT3A-F <sup>Δ</sup> IEWALGGF	226	>DNMT3A-F <sup>Δ</sup> IEWALGGS	8680	8454
>DNMT3A-F <sup>Δ</sup> MIEWALGGF	377	>DNMT3A-F <sup>Δ</sup> MIEWALGGS	15513	15136
>DNMT3A-F <sup>Δ</sup> PMIEWALGG	218	>DNMT3A-F <sup>Δ</sup> PMIEWALGG	18562	18344
>DNMT3A-F <sup>Δ</sup> RHLFAPLKEYI	355	>DNMT3A-F <sup>Δ</sup> RHLFAPLKEYI	29012	28657
>DNMT3A-F <sup>Δ</sup> RHLFAPLKEYI	147	>DNMT3A-F <sup>Δ</sup> RHLFAPLKEYI	16664	16517
>DNMT3A-F <sup>Δ</sup> RHLFAPLKEYI	37	>DNMT3A-F <sup>Δ</sup> RHLFAPLKEYI	13150	13113
>DNMT3A-F <sup>Δ</sup> PLKEYFACV	218	>DNMT3A-F <sup>Δ</sup> PLKEYCACV	399	181
>DNMT3A-F <sup>Δ</sup> PLKEYFACV	95	>DNMT3A-F <sup>Δ</sup> PLKEYCACV	210	115
>DNMT3A-F <sup>Δ</sup> PLKEYFACV	70	>DNMT3A-F <sup>Δ</sup> PLKEYCACV	365	295
>DNMT3A-F <sup>Δ</sup> PLKEYFACV	180	>DNMT3A-F <sup>Δ</sup> PLKEYCACV	868	688
>DNMT3A-F <sup>Δ</sup> PLKEYFACV	328	>DNMT3A-F <sup>Δ</sup> PLKEYCACV	979	651
>DNMT3A-F <sup>Δ</sup> PLKEYFACV	143	>DNMT3A-F <sup>Δ</sup> PLKEYCACV	279	136
>DNMT3A-F <sup>Δ</sup> PLKEYFACV	10	>DNMT3A-F <sup>Δ</sup> PLKEYCACV	14	4
>DNMT3A-F <sup>Δ</sup> PLKEYFACV	160	>DNMT3A-F <sup>Δ</sup> PLKEYCACV	1531	1371
>DNMT3A-F <sup>Δ</sup> FAPLKEYFACV	282	>DNMT3A-F <sup>Δ</sup> FAPLKEYCACV	578	296
>DNMT3A-F <sup>Δ</sup> FAPLKEYFACV	78	>DNMT3A-F <sup>Δ</sup> FAPLKEYCACV	356	278
>DNMT3A-F <sup>Δ</sup> FAPLKEYFACV	194	>DNMT3A-F <sup>Δ</sup> FAPLKEYCACV	308	114

>DNMT3A-F <sup>9</sup> FAPLKEYFA	496	>DNMT3A-F <sup>9</sup> FAPLKEYCA	4970	4474
>DNMT3A-F <sup>9</sup> FAPLKEYFAC <sup>1</sup>	96	>DNMT3A-F <sup>9</sup> FAPLKEYCAC <sup>1</sup>	276	180
>DNMT3A-F <sup>9</sup> FAPLKEYFA	459	>DNMT3A-F <sup>9</sup> FAPLKEYCA	743	284
>DNMT3A-F <sup>9</sup> FAPLKEYF	455	>DNMT3A-F <sup>9</sup> FAPLKEYC	6292	5837
>DNMT3A-F <sup>9</sup> FAPLKEYFAC <sup>1</sup>	118	>DNMT3A-F <sup>9</sup> FAPLKEYCAC <sup>1</sup>	533	415
>DNMT3A-F <sup>9</sup> LFAPLKEYF	202	>DNMT3A-F <sup>9</sup> LFAPLKEYC	29628	29426
>DNMT3A-F <sup>9</sup> LFAPLKEYF	9	>DNMT3A-F <sup>9</sup> LFAPLKEYC	9901	9892
>DNMT3A-F <sup>9</sup> LFAPLKEYF	242	>DNMT3A-F <sup>9</sup> LFAPLKEYC	12976	12734
>DNMT3A-F <sup>9</sup> LFAPLKEYF	498	>DNMT3A-F <sup>9</sup> LFAPLKEYC	288	210
>DNMT3A-F <sup>9</sup> LFAPLKEYFA	278	>DNMT3A-F <sup>9</sup> LFAPLKEYCA	1615	1337
>DNMT3A-F <sup>9</sup> HLFAPLKEYFA	57	>DNMT3A-F <sup>9</sup> HLFAPLKEYCA	174	117
>DNMT3A-F <sup>9</sup> HLFAPLKEYFA	17	>DNMT3A-F <sup>9</sup> HLFAPLKEYCA	78	61
>DNMT3A-F <sup>9</sup> HLFAPLKEYFA	84	>DNMT3A-F <sup>9</sup> HLFAPLKEYCA	545	461
>DNMT3A-F <sup>9</sup> HLFAPLKEYFA	321	>DNMT3A-F <sup>9</sup> HLFAPLKEYCA	1739	1418
>DNMT3A-F <sup>9</sup> HLFAPLKEYF	144	>DNMT3A-F <sup>9</sup> HLFAPLKEYC	18	126
>DNMT3A-F <sup>9</sup> HLFAPLKEYFA	14	>DNMT3A-F <sup>9</sup> HLFAPLKEYCA	67	53
>DNMT3A-F <sup>9</sup> HLFAPLKEYFA	58	>DNMT3A-F <sup>9</sup> HLFAPLKEYCA	124	66
>DNMT3A-F <sup>9</sup> HLFAPLKEYFA	60	>DNMT3A-F <sup>9</sup> HLFAPLKEYCA	167	107
>DNMT3A-F <sup>9</sup> HLFAPLKEYF	2554	>DNMT3A-F <sup>9</sup> HLFAPLKEYC	76	2478
>DNMT3A-F <sup>9</sup> HLFAPLKEYFA	29	>DNMT3A-F <sup>9</sup> HLFAPLKEYCA	64	35
>DNMT3A-F <sup>9</sup> HLFAPLKEYF	385	>DNMT3A-F <sup>9</sup> HLFAPLKEYC	14621	14236
>DNMT3A-F <sup>9</sup> HLFAPLKEYFA	124	>DNMT3A-F <sup>9</sup> HLFAPLKEYCA	791	667
>DNMT3A-F <sup>9</sup> HLFAPLKEYF	94	>DNMT3A-F <sup>9</sup> HLFAPLKEYC	16022	15928
>DNMT3A-F <sup>9</sup> HLFAPLKEYF	50	>DNMT3A-F <sup>9</sup> HLFAPLKEYC	7960	7910
>DNMT3A-F <sup>9</sup> HLFAPLKEYF	22	>DNMT3A-F <sup>9</sup> HLFAPLKEYC	8672	8650
>DNMT3A-F <sup>9</sup> HLFAPLKEYF	460	>DNMT3A-F <sup>9</sup> HLFAPLKEYC	23584	23124
>DNMT3A-K <sup>4</sup> RKSTAEPKV	218	>DNMT3A-K <sup>4</sup> RKSTAEPKV	163	55
>DNMT3A-K <sup>4</sup> KVKEIIDER	841	>DNMT3A-K <sup>4</sup> KVREIIDER	109	732
>DNMT3A-K <sup>4</sup> KVKEIIDERTR	377	>DNMT3A-K <sup>4</sup> KVREIIDERTR	57	320
>DNMT3A-K <sup>4</sup> KVKEIIDER	18	>DNMT3A-K <sup>4</sup> KVREIIDER	24	6
>DNMT3A-K <sup>4</sup> KVKEIIDERTR	31	>DNMT3A-K <sup>4</sup> KVREIIDERTR	47	16
>DNMT3A-K <sup>4</sup> KVKEIIDER	118	>DNMT3A-K <sup>4</sup> KVREIIDER	374	256
>DNMT3A-K <sup>4</sup> KVKEIIDER	222	>DNMT3A-K <sup>4</sup> KVREIIDER	313	91
>DNMT3A-K <sup>4</sup> KVKEIIDERTR	426	>DNMT3A-K <sup>4</sup> KVREIIDERTR	582	156
>DNMT3A-K <sup>4</sup> KPKVKEII	1788	>DNMT3A-K <sup>4</sup> KPKVREII	433	1355
>DNMT3A-K <sup>4</sup> AEKPKVKEI	12	>DNMT3A-K <sup>4</sup> AEKPKVREI	30	18
>DNMT3A-K <sup>4</sup> AEKPKVKEII	30	>DNMT3A-K <sup>4</sup> AEKPKVREII	46	16
>DNMT3A-K <sup>4</sup> AEKPKVKEI	229	>DNMT3A-K <sup>4</sup> AEKPKVREI	156	73
>DNMT3A-K <sup>4</sup> AEKPKVKEII	505	>DNMT3A-K <sup>4</sup> AEKPKVREII	415	90
>DNMT3A-K <sup>4</sup> AEKPKVKEI	578	>DNMT3A-K <sup>4</sup> AEKPKVREI	323	255
>DNMT3A-K <sup>4</sup> AEKPKVKEI	19	>DNMT3A-K <sup>4</sup> AEKPKVREI	32	13
>DNMT3A-K <sup>4</sup> AEKPKVKEII	37	>DNMT3A-K <sup>4</sup> AEKPKVREII	27	10
>DNMT3A-K <sup>4</sup> TAEKPKVK	1518	>DNMT3A-K <sup>4</sup> TAEKPKVR	458	1060

>DNMT3A-K $\zeta$ STAEKPKVKE	505	>DNMT3A-K $\zeta$ STAEKPKVRE	420	85
>DNMT3A-K $\zeta$ STAEKPKVK	113	>DNMT3A-K $\zeta$ STAEKPKVR	3107	2994
>DNMT3A-K $\zeta$ STAEKPKVK	456	>DNMT3A-K $\zeta$ STAEKPKVR	114	342
>DNMT3A-K $\zeta$ STAEKPKVKE	178	>DNMT3A-K $\zeta$ STAEKPKVRE	133	45
>DNMT3A-K $\zeta$ STAEKPKVKE	70	>DNMT3A-K $\zeta$ STAEKPKVRE	110	40
>DNMT3A-K $\zeta$ STAEKPKVK	161	>DNMT3A-K $\zeta$ STAEKPKVR	263	102
>DNMT3A-K $\zeta$ STAEKPKVKE	59	>DNMT3A-K $\zeta$ STAEKPKVRE	66	7
>DNMT3A-K $\zeta$ KSTAEKPKVK	73	>DNMT3A-K $\zeta$ KSTAEKPKVR	4736	4663
>DNMT3A-K $\zeta$ KSTAEKPKVK	4645	>DNMT3A-K $\zeta$ KSTAEKPKVR	389	4256
>DNMT3A-K $\zeta$ KSTAEKPKVK	3941	>DNMT3A-K $\zeta$ KSTAEKPKVR	285	3656
>DNMT3A-K $\xi$ KVRTITTR	257	>DNMT3A-K $\xi$ RVRTITTR	261	4
>DNMT3A-K $\xi$ KVRTITTR	10	>DNMT3A-K $\xi$ RVRTITTR	10	0
>DNMT3A-K $\xi$ KVRTITTRS	38	>DNMT3A-K $\xi$ RVRTITTRS	35	3
>DNMT3A-K $\xi$ KVRTITTRSN	30	>DNMT3A-K $\xi$ RVRTITTRSN	27	3
>DNMT3A-K $\xi$ KVRTITTRSN $\zeta$	10	>DNMT3A-K $\xi$ RVRTITTRSN $\zeta$	10	0
>DNMT3A-K $\xi$ KVRTITTR	8	>DNMT3A-K $\xi$ RVRTITTR	7	1
>DNMT3A-K $\xi$ KVRTITTR	586	>DNMT3A-K $\xi$ RVRTITTR	338	248
>DNMT3A-K $\xi$ KVRTITTR	61	>DNMT3A-K $\xi$ RVRTITTR	98	37
>DNMT3A-K $\xi$ SKVRTITTR	113	>DNMT3A-K $\xi$ SRVRTITTR	654	541
>DNMT3A-K $\xi$ SKVRTITTR	6542	>DNMT3A-K $\xi$ SRVRTITTR	117	6425
>DNMT3A-K $\xi$ FSKVRTITTR	107	>DNMT3A-K $\xi$ FSRVRTITTR	96	11
>DNMT3A-K $\xi$ FSKVRTITTR	67	>DNMT3A-K $\xi$ FSRVRTITTR	118	51
>DNMT3A-K $\xi$ KFSKVRTI	47	>DNMT3A-K $\xi$ KFSRVRTI	40	7
>DNMT3A-K $\xi$ KFSKVRTI	501	>DNMT3A-K $\xi$ KFSRVRTI	357	144
>DNMT3A-K $\xi$ KFSKVRTI	242	>DNMT3A-K $\xi$ KFSRVRTI	268	26
>DNMT3A-K $\xi$ KFSKVRTITTR	7	>DNMT3A-K $\xi$ KFSRVRTITTR	6	1
>DNMT3A-K $\xi$ KFSKVRTI	367	>DNMT3A-K $\xi$ KFSRVRTI	241	126
>DNMT3A-K $\xi$ KFSKVRTITTR	24	>DNMT3A-K $\xi$ KFSRVRTITTR	42	18
>DNMT3A-K $\xi$ KFSKVRTI	137	>DNMT3A-K $\xi$ KFSRVRTI	102	35
>DNMT3A-K $\xi$ KFSKVRTITTR	636	>DNMT3A-K $\xi$ KFSRVRTITTR	480	156
>DNMT3A-K $\xi$ AKFSKVRT	832	>DNMT3A-K $\xi$ AKFSRVRT	357	475
>DNMT3A-K $\xi$ AKFSKVRTI	10	>DNMT3A-K $\xi$ AKFSRVRTI	7	3
>DNMT3A-K $\xi$ AKFSKVRTIT	225	>DNMT3A-K $\xi$ AKFSRVRTIT	148	77
>DNMT3A-K $\xi$ AKFSKVRTITT	257	>DNMT3A-K $\xi$ AKFSRVRTITT	173	84
>DNMT3A-K $\xi$ IAKFSKVRTI	346	>DNMT3A-K $\xi$ IAKFSRVRTI	125	221
>DNMT3A-K $\xi$ IAKFSKVR	49	>DNMT3A-K $\xi$ IAKFSRVR	36	13
>DNMT3A-K $\xi$ IAKFSKVR	562	>DNMT3A-K $\xi$ IAKFSRVR	297	265
>DNMT3A-K $\xi$ IAKFSKVR	154	>DNMT3A-K $\xi$ IAKFSRVR	112	42
>DNMT3A-K $\xi$ IAKFSKVRTI	217	>DNMT3A-K $\xi$ IAKFSRVRTI	201	16
>DNMT3A-K $\xi$ RIAKFSKV	580	>DNMT3A-K $\xi$ RIAKFSRV	211	369
>DNMT3A-K $\xi$ RIAKFSKV	814	>DNMT3A-K $\xi$ RIAKFSRV	499	315
>DNMT3A-K $\xi$ RIAKFSKV	68	>DNMT3A-K $\xi$ RIAKFSRV	55	13
>DNMT3A-K $\xi$ RIAKFSKV	15	>DNMT3A-K $\xi$ RIAKFSRV	13	2



>DNMT3A-KË RIAKFSKVRTI	124	>DNMT3A-KË RIAKFSRVRTI	110	14
>DNMT3A-KË RIAKFSKV	89	>DNMT3A-KË RIAKFSRV	71	18
>DNMT3A-KË RIAKFSKV	67	>DNMT3A-KË RIAKFSRV	40	27
>DNMT3A-KË RIAKFSKV	119	>DNMT3A-KË RIAKFSRV	172	53
>DNMT3A-KË RIAKFSKV	22	>DNMT3A-KË RIAKFSRV	19	3
>DNMT3A-KË RIAKFSKVR	869	>DNMT3A-KË RIAKFSRVR	440	429
>DNMT3A-KË RIAKFSKVR	66	>DNMT3A-KË RIAKFSRVR	52	14
>DNMT3A-KË RIAKFSKVRTI	17	>DNMT3A-KË RIAKFSRVRTI	15	2
>DNMT3A-KË RIAKFSKVR	442	>DNMT3A-KË RIAKFSRVR	401	41
>DNMT3A-KË RIAKFSKV	746	>DNMT3A-KË RIAKFSRV	479	267
>DNMT3A-KË RIAKFSKVR	24	>DNMT3A-KË RIAKFSRVR	42	18
>DNMT3A-KË RIAKFSKVRTI	221	>DNMT3A-KË RIAKFSRVRTI	190	31
>DNMT3A-KË GRIAKFSK	66	>DNMT3A-KË GRIAKFSR	115	49
>DNMT3A-KË GRIAKFSKV	225	>DNMT3A-KË GRIAKFSRV	358	133
>DNMT3A-KË GRIAKFSKVR	70	>DNMT3A-KË GRIAKFSRVR	65	5
>DNMT3A-KË GRIAKFSKV	81	>DNMT3A-KË GRIAKFSRV	63	18
>DNMT3A-KË HGRIAKFSK	5	>DNMT3A-KË HGRIAKFSR	116	111
>DNMT3A-KË HGRIAKFSKV	141	>DNMT3A-KË HGRIAKFSRV	140	1
>DNMT3A-KË HGRIAKFSKV	219	>DNMT3A-KË HGRIAKFSRV	147	72
>DNMT3A-KË HGRIAKFSK	894	>DNMT3A-KË HGRIAKFSR	45	849
>DNMT3A-KË HGRIAKFSKV	323	>DNMT3A-KË HGRIAKFSRV	271	52
>DNMT3A-KË HGRIAKFSK	6593	>DNMT3A-KË HGRIAKFSR	483	6110
>DNMT3A-KË HGRIAKFSKV	283	>DNMT3A-KË HGRIAKFSRV	483	200
>DNMT3A-KË KQGKDQHFP	99	>DNMT3A-KË QQGKDQHFF	917	818
>DNMT3A-KË KQGKDQHFP	32	>DNMT3A-KË QQGKDQHFF	331	299
>DNMT3A-KË KQGKDQHFP	56	>DNMT3A-KË QQGKDQHFF	1189	1133
>DNMT3A-KË KQGKDQHF	61	>DNMT3A-KË QQGKDQHF	86	25
>DNMT3A-KË KQGKDQHFP	53	>DNMT3A-KË QQGKDQHFF	68	15
>DNMT3A-KË KQGKDQHF	17	>DNMT3A-KË QQGKDQHF	49	32
>DNMT3A-KË KQGKDQHFP	8	>DNMT3A-KË QQGKDQHFF	17	9
>DNMT3A-KË IKQGKDQHFF	14654	>DNMT3A-KË IQQGKDQHFI	277	14377
>DNMT3A-KË IKQGKDQHFF	3073	>DNMT3A-KË IQQGKDQHFI	31	3042
>DNMT3A-KË IKQGKDQHFF	3551	>DNMT3A-KË IQQGKDQHFI	166	3385
>DNMT3A-KË IKQGKDQHFF	9184	>DNMT3A-KË IQQGKDQHFI	288	8896
>DNMT3A-KË IKQGKDQHFF	3113	>DNMT3A-KË IQQGKDQHFI	249	2864
>DNMT3A-KË IKQGKDQHF	8061	>DNMT3A-KË IQQGKDQHF	49	8012
>DNMT3A-KË IKQGKDQHF	105	>DNMT3A-KË IQQGKDQHF	116	11
>DNMT3A-KË RTITTRSNSIK	84	>DNMT3A-KË RTITTRSNSIQ	17279	17195
>DNMT3A-KË RTITTRSNSIK	15	>DNMT3A-KË RTITTRSNSIQ	15066	15051
>DNMT3A-KË RTITTRSNSIK	6	>DNMT3A-KË RTITTRSNSIQ	402	396
>DNMT3A-KË RTITTRSNSIK	88	>DNMT3A-KË RTITTRSNSIQ	4529	4441
>DNMT3A-KË RTITTRSNSIK	55	>DNMT3A-KË RTITTRSNSIQ	4026	3971
>DNMT3A-KË RTITTRSNSIK	188	>DNMT3A-KË RTITTRSNSIQ	55	133

>DNMT3A-KξSIKQGKDQHF	103	>DNMT3A-KξSIQQGKDQH	187	84
>DNMT3A-KξNSIKQGKDQF	212	>DNMT3A-KξNSIQQGKDQ	107	105
>DNMT3A-KξNSIKQGKDQF	420	>DNMT3A-KξNSIQQGKDQ	311	109
>DNMT3A-KξNSIKQGKDQF	309	>DNMT3A-KξNSIQQGKDQ	474	165
>DNMT3A-KξNSIKQGKDQF	61	>DNMT3A-KξNSIQQGKDQ	29	32
>DNMT3A-KξRSNSIKQGK	191	>DNMT3A-KξRSNSIQQGK	108	83
>DNMT3A-KξRSNSIKQGK	83	>DNMT3A-KξRSNSIQQGK	59	24
>DNMT3A-KξRSNSIKQGK	31	>DNMT3A-KξRSNSIQQGK	17	14
>DNMT3A-KξRSNSIKQGK	46	>DNMT3A-KξRSNSIQQGK	64	18
>DNMT3A-KξTTRSNSIK	179	>DNMT3A-KξTTRSNSIQ	19144	18965
>DNMT3A-KξTTRSNSIKQG	350	>DNMT3A-KξTTRSNSIQQG	251	99
>DNMT3A-KξTTRSNSIK	196	>DNMT3A-KξTTRSNSIQ	25085	24889
>DNMT3A-KξTTRSNSIKQG	529	>DNMT3A-KξTTRSNSIQQG	449	80
>DNMT3A-KξTTRSNSIK	4	>DNMT3A-KξTTRSNSIQ	198	194
>DNMT3A-KξTTRSNSIKQ	77	>DNMT3A-KξTTRSNSIQQ	54	23
>DNMT3A-KξTTRSNSIKQG	269	>DNMT3A-KξTTRSNSIQQG	136	133
>DNMT3A-KξTTRSNSIKQG	6	>DNMT3A-KξTTRSNSIQQG	5	1
>DNMT3A-KξTTRSNSIK	49	>DNMT3A-KξTTRSNSIQ	3625	3576
>DNMT3A-KξTTRSNSIKQG	85	>DNMT3A-KξTTRSNSIQQG	62	23
>DNMT3A-KξITTRSNSIK	178	>DNMT3A-KξITTRSNSIQ	20233	20055
>DNMT3A-KξITTRSNSIK	44	>DNMT3A-KξITTRSNSIQ	22203	22159
>DNMT3A-KξITTRSNSIK	52	>DNMT3A-KξITTRSNSIQ	6157	6105
>DNMT3A-KξITTRSNSIK	21	>DNMT3A-KξITTRSNSIQ	1666	1645
>DNMT3A-KξITTRSNSIK	98	>DNMT3A-KξITTRSNSIQ	32	66
>DNMT3A-KξTITTRSNSIK	94	>DNMT3A-KξTITTRSNSIQ	21750	21656
>DNMT3A-KξTITTRSNSIK	64	>DNMT3A-KξTITTRSNSIQ	31450	31386
>DNMT3A-KξTITTRSNSIK	107	>DNMT3A-KξTITTRSNSIQ	19725	19618
>DNMT3A-L7LLHDARPK	914	>DNMT3A-L7FLHDARPK	166	748
>DNMT3A-L7LLHDARPK	506	>DNMT3A-L7FLHDARPK	80	426
>DNMT3A-L7LLHDARPK	1658	>DNMT3A-L7FLHDARPK	321	1337
>DNMT3A-L7LLHDARPK	234	>DNMT3A-L7FLHDARPK	674	440
>DNMT3A-L7LLHDARPK	31	>DNMT3A-L7FLHDARPK	473	442
>DNMT3A-L7RLLHDARPK	67	>DNMT3A-L7RFLHDARPK	3605	3538
>DNMT3A-L7RLLHDARPK	59	>DNMT3A-L7RFLHDARPK	31	28
>DNMT3A-L7RLLHDARPK	1495	>DNMT3A-L7RFLHDARPK	241	1254
>DNMT3A-L7TGRLFFEFYRI	2725	>DNMT3A-L7TGRLFFEFYRF	444	2281
>DNMT3A-L7YRLLHDAR	194	>DNMT3A-L7YRFLHDAR	80	114
>DNMT3A-L7YRLLHDARPK	648	>DNMT3A-L7YRFLHDARPK	310	338
>DNMT3A-L7YRLLHDARPK	1547	>DNMT3A-L7YRFLHDARPK	366	1181
>DNMT3A-L7YRLLHDAR	665	>DNMT3A-L7YRFLHDAR	309	356
>DNMT3A-L7FYRLLHDARPK	48	>DNMT3A-L7FYRFLHDARPK	30	18
>DNMT3A-L7FYRLLHDAR	224	>DNMT3A-L7FYRFLHDAR	102	122
>DNMT3A-L7FYRLLHDAR	17	>DNMT3A-L7FYRFLHDAR	16	1

>DNMT3A-L7FYRLLHDAR	132	>DNMT3A-L7FYRFLHDAR	153	21
>DNMT3A-L7EFYRLLHDAR	116	>DNMT3A-L7EFYRFLHDAR	54	62
>DNMT3A-L7EFYRLLHDAR	34	>DNMT3A-L7EFYRFLHDAR	20	14
>DNMT3A-L7EFYRLLHDAR	201	>DNMT3A-L7EFYRFLHDAR	146	55
>DNMT3A-L7EFYRLLHDAR	1871	>DNMT3A-L7EFYRFLHDAR	488	1383
>DNMT3A-L7EFYRLLHDAR	76	>DNMT3A-L7EFYRFLHDAR	54	22
>DNMT3A-L7FEFYRLLH	388	>DNMT3A-L7FEFYRFLH	347	41
>DNMT3A-L7FEFYRLLHDA	87	>DNMT3A-L7FEFYRFLHDA	110	23
>DNMT3A-L7FEFYRLLHDAI	829	>DNMT3A-L7FEFYRFLHDAI	498	331
>DNMT3A-L7FEFYRLLHDAI	210	>DNMT3A-L7FEFYRFLHDAI	114	96
>DNMT3A-L7FEFYRLLH	694	>DNMT3A-L7FEFYRFLH	462	232
>DNMT3A-L7FEFYRLLHDA	70	>DNMT3A-L7FEFYRFLHDA	72	2
>DNMT3A-L7FEFYRLLHDA	158	>DNMT3A-L7FEFYRFLHDA	173	15
>DNMT3A-L7FEFYRLLHD	206	>DNMT3A-L7FEFYRFLHD	294	88
>DNMT3A-L7FEFYRLLHDA	324	>DNMT3A-L7FEFYRFLHDA	276	48
>DNMT3A-L7FEFYRLLHDAI	635	>DNMT3A-L7FEFYRFLHDAI	305	330
>DNMT3A-L7FFEYRLL	809	>DNMT3A-L7FFEYRFL	252	557
>DNMT3A-L7FFEYRLL	756	>DNMT3A-L7FFEYRFL	313	443
>DNMT3A-L7FFEYRLLH	89	>DNMT3A-L7FFEYRFLH	134	45
>DNMT3A-L7FFEYRLLH	1887	>DNMT3A-L7FFEYRFLH	474	1413
>DNMT3A-L7FFEYRLL	559	>DNMT3A-L7FFEYRFL	193	366
>DNMT3A-L7LFFEYRLL	24	>DNMT3A-L7LFFEYRFL	425	401
>DNMT3A-L7LFFEYRLL	23	>DNMT3A-L7LFFEYRFL	72	49
>DNMT3A-L7LFFEYRLL	65	>DNMT3A-L7LFFEYRFL	2411	2346
>DNMT3A-L7LFFEYRLL	231	>DNMT3A-L7LFFEYRFL	109	122
>DNMT3A-L7LFFEYRLL	327	>DNMT3A-L7LFFEYRFL	10335	10008
>DNMT3A-L7LFFEYRLL	1074	>DNMT3A-L7LFFEYRFL	259	815
>DNMT3A-L7LFFEYRLL	146	>DNMT3A-L7LFFEYRFL	26	120
>DNMT3A-L7LFFEYRLL	1143	>DNMT3A-L7LFFEYRFL	191	952
>DNMT3A-L7LFFEYRLL	27	>DNMT3A-L7LFFEYRFL	8	19
>DNMT3A-L7LFFEYRLL	40	>DNMT3A-L7LFFEYRFL	20	20
>DNMT3A-L7LFFEYRLL	3052	>DNMT3A-L7LFFEYRFL	76	2976
>DNMT3A-L7LFFEYRLLH	360	>DNMT3A-L7LFFEYRFLH	87	273
>DNMT3A-L7LFFEYRLLH	234	>DNMT3A-L7LFFEYRFLH	101	133
>DNMT3A-L7LFFEYRLL	3084	>DNMT3A-L7LFFEYRFL	159	2925
>DNMT3A-L7LFFEYRLL	485	>DNMT3A-L7LFFEYRFL	807	322
>DNMT3A-L7LFFEYRLL	298	>DNMT3A-L7LFFEYRFL	896	598
>DNMT3A-L7LFFEYRLL	106	>DNMT3A-L7LFFEYRFL	43	63
>DNMT3A-L7RLFEEFYRLL	16	>DNMT3A-L7RLFEEFYRFL	1432	1416
>DNMT3A-L7RLFEEFYRLL	152	>DNMT3A-L7RLFEEFYRFL	63	89
>DNMT3A-L7RLFEEFYRLL	4	>DNMT3A-L7RLFEEFYRFL	221	217
>DNMT3A-L7RLFEEFYRLL	46	>DNMT3A-L7RLFEEFYRFL	37	9
>DNMT3A-L7RLFEEFYRLL	46	>DNMT3A-L7RLFEEFYRFL	4649	4603

>DNMT3A-L7RLFFEFYRL	166	>DNMT3A-L7RLFFEFYRFL	153	13
>DNMT3A-L7RLFFEFYRL	95	>DNMT3A-L7RLFFEFYRF	1056	961
>DNMT3A-L7RLFFEFYRL	662	>DNMT3A-L7RLFFEFYRFL	425	237
>DNMT3A-L7RLFFEFYRL	4	>DNMT3A-L7RLFFEFYRF	214	210
>DNMT3A-L7RLFFEFYRL	8	>DNMT3A-L7RLFFEFYRFL	5	3
>DNMT3A-L7RLFFEFYRL	13	>DNMT3A-L7RLFFEFYRF	3629	3616
>DNMT3A-L7RLFFEFYRL	108	>DNMT3A-L7RLFFEFYRFL	37	71
>DNMT3A-L7RLFFEFYRL	43	>DNMT3A-L7RLFFEFYRF	10647	10604
>DNMT3A-L7RLFFEFYRL	121	>DNMT3A-L7RLFFEFYRFL	39	82
>DNMT3A-L7RLFFEFYRL	96	>DNMT3A-L7RLFFEFYRF	16671	16575
>DNMT3A-L7RLFFEFYRL	1008	>DNMT3A-L7RLFFEFYRFL	269	739
>DNMT3A-L7RLFFEFYRL	8	>DNMT3A-L7RLFFEFYRF	6025	6017
>DNMT3A-L7RLFFEFYRL	24	>DNMT3A-L7RLFFEFYRFL	21	3
>DNMT3A-L7RLFFEFYRLLH	63	>DNMT3A-L7RLFFEFYRFLH	73	10
>DNMT3A-L7RLFFEFYRLLH	246	>DNMT3A-L7RLFFEFYRFLH	128	118
>DNMT3A-L7RLFFEFYRL	91	>DNMT3A-L7RLFFEFYRF	16	75
>DNMT3A-L7RLFFEFYRL	1973	>DNMT3A-L7RLFFEFYRF	253	1720
>DNMT3A-L7RLFFEFYRL	1571	>DNMT3A-L7RLFFEFYRF	75	1496
>DNMT3A-L7RLFFEFYRL	6490	>DNMT3A-L7RLFFEFYRF	138	6352
>DNMT3A-L7RLFFEFYRLLH	312	>DNMT3A-L7RLFFEFYRFLH	416	104
>DNMT3A-L7RLFFEFYRLL	804	>DNMT3A-L7RLFFEFYRFL	226	578
>DNMT3A-L7RLFFEFYRLLH	357	>DNMT3A-L7RLFFEFYRFLH	76	281
>DNMT3A-L7RLFFEFYRL	10	>DNMT3A-L7RLFFEFYRF	6	4
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>DNMT3A-L7RLFFEFYRL	594	>DNMT3A-L7RLFFEFYRF	53	541
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>DNMT3A-L7RLFFEFYRLL	204	>DNMT3A-L7RLFFEFYRFL	116	88
>DNMT3A-L7RLFFEFYRL	2594	>DNMT3A-L7RLFFEFYRF	172	2422
>DNMT3A-L7RLFFEFYRL	1382	>DNMT3A-L7RLFFEFYRF	213	1169
>DNMT3A-L7GRLFFEFYRL	3098	>DNMT3A-L7GRLFFEFYRF	238	2860
>DNMT3A-L7GRLFFEFYRL	25	>DNMT3A-L7GRLFFEFYRF	40	15
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>DNMT3A-L7GRLFFEFYRLL	55	>DNMT3A-L7GRLFFEFYRFL	76	21
>DNMT3A-L7GRLFFEFYRLL	6	>DNMT3A-L7GRLFFEFYRFL	8	2
>DNMT3A-P7NPARKGLY	2675	>DNMT3A-P7NLARKGLY	87	2588
>DNMT3A-P7NPARKGLY	3829	>DNMT3A-P7NLARKGLY	387	3442
>DNMT3A-P7NPARKGLY	1961	>DNMT3A-P7NLARKGLY	35	1926
>DNMT3A-P7NPARKGLY	2523	>DNMT3A-P7NLARKGLY	163	2360
>DNMT3A-P7NPARKGLY	285	>DNMT3A-P7NLARKGLY	9150	8865
>DNMT3A-P7NPARKGLY	65	>DNMT3A-P7NLARKGLY	3612	3547
>DNMT3A-P7SPCNDLSIVNI	34226	>DNMT3A-P7SPCNDLSIVNI	44	34182
>DNMT3A-P7IVNPARKGLY	71	>DNMT3A-P7IVNLARKGLY	32	39
>DNMT3A-P7IVNPARKGLY	301	>DNMT3A-P7IVNLARKGLY	524	223

>DNMT3A-P;IVNPARKGLY	323	>DNMT3A-P;IVNLARKGLY	2018	1695
>DNMT3A-P;SIVNPARK	250	>DNMT3A-P;SIVNLARK	378	128
>DNMT3A-P;SIVNPARK	53	>DNMT3A-P;SIVNLARK	42	11
>DNMT3A-P;SIVNPARKGL	184	>DNMT3A-P;SIVNLARKGL	173	11
>DNMT3A-P;SIVNPARKGL	291	>DNMT3A-P;SIVNLARKGL	738	447
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>DNMT3A-P;SIVNPARKGL	232	>DNMT3A-P;SIVNLARKGL	163	69
>DNMT3A-P;SIVNPARK	391	>DNMT3A-P;SIVNLARK	165	226
>DNMT3A-P;SIVNPARKGL	243	>DNMT3A-P;SIVNLARKGL	63	180
>DNMT3A-P;SIVNPARKGL	346	>DNMT3A-P;SIVNLARKGL	1196	850
>DNMT3A-P;SIVNPARKGL	74	>DNMT3A-P;SIVNLARKGL	72	2
>DNMT3A-P;LSIVNPARKGI	995	>DNMT3A-P;LSIVNLARKGI	422	573
>DNMT3A-P;LSIVNPARK	173	>DNMT3A-P;LSIVNLARK	167	6
>DNMT3A-P;LSIVNPARK	339	>DNMT3A-P;LSIVNLARK	387	48
>DNMT3A-P;LSIVNPARK	92	>DNMT3A-P;LSIVNLARK	82	10
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>DNMT3A-P;LSIVNPARK	118	>DNMT3A-P;LSIVNLARK	91	27
>DNMT3A-P;LSIVNPARKGI	11	>DNMT3A-P;LSIVNLARKGI	13	2
>DNMT3A-P;LSIVNPARK	413	>DNMT3A-P;LSIVNLARK	675	262
>DNMT3A-P;DLSIVNPARK	791	>DNMT3A-P;DLSIVNLARK	345	446
>DNMT3A-P;DLSIVNPARK	30	>DNMT3A-P;DLSIVNLARK	28	2
>DNMT3A-P;DLSIVNPARK	29	>DNMT3A-P;DLSIVNLARK	31	2
>DNMT3A-P;DLSIVNPARK	122	>DNMT3A-P;DLSIVNLARK	69	53
>DNMT3A-P;PLKEYFACV	984	>DNMT3A-P;LLKEYFACV	17	967
>DNMT3A-P;PLKEYFACV	218	>DNMT3A-P;LLKEYFACV	9	209
>DNMT3A-P;PLKEYFAC	8923	>DNMT3A-P;LLKEYFAC	433	8490
>DNMT3A-P;PLKEYFACV	95	>DNMT3A-P;LLKEYFACV	4	91
>DNMT3A-P;PLKEYFACV	1184	>DNMT3A-P;LLKEYFACV	14	1170
>DNMT3A-P;PLKEYFAC	2703	>DNMT3A-P;LLKEYFAC	140	2563
>DNMT3A-P;PLKEYFACV	70	>DNMT3A-P;LLKEYFACV	5	65
>DNMT3A-P;PLKEYFAC	8460	>DNMT3A-P;LLKEYFAC	400	8060
>DNMT3A-P;PLKEYFACV	180	>DNMT3A-P;LLKEYFACV	5	175
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>DNMT3A-P;PLKEYFACV	143	>DNMT3A-P;LLKEYFACV	10	133
>DNMT3A-P;PLKEYFAC	1540	>DNMT3A-P;LLKEYFAC	24	1516
>DNMT3A-P;PLKEYFACV	10	>DNMT3A-P;LLKEYFACV	2	8
>DNMT3A-P;PLKEYFACV	160	>DNMT3A-P;LLKEYFACV	33	127
>DNMT3A-P;PLKEYFACV	11881	>DNMT3A-P;LLKEYFACV	448	11433
>DNMT3A-P;APLKEYFA	22072	>DNMT3A-P;ALLKEYFA	32	22040
>DNMT3A-P;APLKEYFACV	9939	>DNMT3A-P;ALLKEYFACV	35	9904
>DNMT3A-P;APLKEYFA	28293	>DNMT3A-P;ALLKEYFA	44	28249
>DNMT3A-P;APLKEYFACV	9724	>DNMT3A-P;ALLKEYFACV	81	9643
>DNMT3A-P;APLKEYFA	22033	>DNMT3A-P;ALLKEYFA	479	21554

>DNMT3A-PϙAPLKEYFACV	9227	>DNMT3A-PϙALLKEYFACV	30	9197
>DNMT3A-PϙAPLKEYFA	16086	>DNMT3A-PϙALLKEYFA	82	16004
>DNMT3A-PϙAPLKEYFAC	20811	>DNMT3A-PϙALLKEYFAC	180	20631
>DNMT3A-PϙAPLKEYFACV	5505	>DNMT3A-PϙALLKEYFACV	105	5400
>DNMT3A-PϙAPLKEYFA	21083	>DNMT3A-PϙALLKEYFA	12	21071
>DNMT3A-PϙAPLKEYFAC	22141	>DNMT3A-PϙALLKEYFAC	24	22117
>DNMT3A-PϙAPLKEYFACV	6694	>DNMT3A-PϙALLKEYFACV	3	6691
>DNMT3A-PϙAPLKEYFA	20551	>DNMT3A-PϙALLKEYFA	27	20524
>DNMT3A-PϙAPLKEYFAC	21319	>DNMT3A-PϙALLKEYFAC	98	21221
>DNMT3A-PϙAPLKEYFACV	13223	>DNMT3A-PϙALLKEYFACV	3	13220
>DNMT3A-PϙAPLKEYFA	20240	>DNMT3A-PϙALLKEYFA	11	20229
>DNMT3A-PϙAPLKEYFAC	25744	>DNMT3A-PϙALLKEYFAC	266	25478
>DNMT3A-PϙAPLKEYFACV	7527	>DNMT3A-PϙALLKEYFACV	4	7523
>DNMT3A-PϙAPLKEYFA	19391	>DNMT3A-PϙALLKEYFA	109	19282
>DNMT3A-PϙAPLKEYFACV	15869	>DNMT3A-PϙALLKEYFACV	3	15866
>DNMT3A-PϙAPLKEYFA	33320	>DNMT3A-PϙALLKEYFA	16	33304
>DNMT3A-PϙAPLKEYFAC	35549	>DNMT3A-PϙALLKEYFAC	40	35509
>DNMT3A-PϙAPLKEYFACV	13953	>DNMT3A-PϙALLKEYFACV	3	13950
>DNMT3A-PϙSVPVIRHLFAI	18823	>DNMT3A-PϙSVPVIRHLFAL	253	18570
>DNMT3A-PϙSVPVIRHLFAI	7376	>DNMT3A-PϙSVPVIRHLFAL	95	7281
>DNMT3A-PϙSVPVIRHLFAI	7760	>DNMT3A-PϙSVPVIRHLFAL	39	7721
>DNMT3A-PϙSVPVIRHLFAI	6958	>DNMT3A-PϙSVPVIRHLFAL	24	6934
>DNMT3A-PϙFAPLKEYFAC\	744	>DNMT3A-PϙFALLKEYFAC\	98	646
>DNMT3A-PϙFAPLKEYFAC\	282	>DNMT3A-PϙFALLKEYFAC\	222	60
>DNMT3A-PϙFAPLKEYFA	892	>DNMT3A-PϙFALLKEYFA	180	712
>DNMT3A-PϙFAPLKEYFAC\	78	>DNMT3A-PϙFALLKEYFAC\	24	54
>DNMT3A-PϙFAPLKEYFAC\	578	>DNMT3A-PϙFALLKEYFAC\	88	490
>DNMT3A-PϙFAPLKEYFAC\	2564	>DNMT3A-PϙFALLKEYFAC\	129	2435
>DNMT3A-PϙFAPLKEYFAC\	1112	>DNMT3A-PϙFALLKEYFAC\	94	1018
>DNMT3A-PϙFAPLKEYFAC\	2318	>DNMT3A-PϙFALLKEYFAC\	79	2239
>DNMT3A-PϙFAPLKEYFAC\	194	>DNMT3A-PϙFALLKEYFAC\	100	94
>DNMT3A-PϙFAPLKEYFA	496	>DNMT3A-PϙFALLKEYFA	3008	2512
>DNMT3A-PϙFAPLKEYFAC\	96	>DNMT3A-PϙFALLKEYFAC\	517	421
>DNMT3A-PϙFAPLKEYFAC\	3031	>DNMT3A-PϙFALLKEYFAC\	317	2714
>DNMT3A-PϙFAPLKEYFAC\	1001	>DNMT3A-PϙFALLKEYFAC\	183	818
>DNMT3A-PϙFAPLKEYF	3197	>DNMT3A-PϙFALLKEYF	267	2930
>DNMT3A-PϙFAPLKEYF	3841	>DNMT3A-PϙFALLKEYF	61	3780
>DNMT3A-PϙFAPLKEYFA	459	>DNMT3A-PϙFALLKEYFA	70	389
>DNMT3A-PϙFAPLKEYFAC\	1196	>DNMT3A-PϙFALLKEYFAC\	257	939
>DNMT3A-PϙFAPLKEYF	12988	>DNMT3A-PϙFALLKEYF	410	12578
>DNMT3A-PϙFAPLKEYF	455	>DNMT3A-PϙFALLKEYF	27878	27423
>DNMT3A-PϙFAPLKEYFAC\	118	>DNMT3A-PϙFALLKEYFAC\	9770	9652
>DNMT3A-PϙLFAPLKEYF	202	>DNMT3A-PϙLFALLKEYF	1312	1110

>DNMT3A-P <sup>ϕ</sup> LFAPLKEYF	9	>DNMT3A-P <sup>ϕ</sup> LFALLKEYF	27	18
>DNMT3A-P <sup>ϕ</sup> LFAPLKEY	26	>DNMT3A-P <sup>ϕ</sup> LFALLKEY	43	17
>DNMT3A-P <sup>ϕ</sup> LFAPLKEYF	242	>DNMT3A-P <sup>ϕ</sup> LFALLKEYF	877	635
>DNMT3A-P <sup>ϕ</sup> LFAPLKEYF	498	>DNMT3A-P <sup>ϕ</sup> LFALLKEYF	2279	1781
>DNMT3A-P <sup>ϕ</sup> LFAPLKEYFA	278	>DNMT3A-P <sup>ϕ</sup> LFALLKEYFA	915	637
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEYFA	57	>DNMT3A-P <sup>ϕ</sup> HLFALLKEYFA	34	23
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEYF	1028	>DNMT3A-P <sup>ϕ</sup> HLFALLKEYF	474	554
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEYFA	17	>DNMT3A-P <sup>ϕ</sup> HLFALLKEYFA	10	7
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEYFA	84	>DNMT3A-P <sup>ϕ</sup> HLFALLKEYFA	57	27
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEYFA	321	>DNMT3A-P <sup>ϕ</sup> HLFALLKEYFA	232	89
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEYF	144	>DNMT3A-P <sup>ϕ</sup> HLFALLKEYF	316	172
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEYFA	14	>DNMT3A-P <sup>ϕ</sup> HLFALLKEYFA	19	5
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEYFA	58	>DNMT3A-P <sup>ϕ</sup> HLFALLKEYFA	50	8
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEYFA	60	>DNMT3A-P <sup>ϕ</sup> HLFALLKEYFA	40	20
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEYFA	29	>DNMT3A-P <sup>ϕ</sup> HLFALLKEYFA	25	4
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEY	214	>DNMT3A-P <sup>ϕ</sup> HLFALLKEY	318	104
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEY	137	>DNMT3A-P <sup>ϕ</sup> HLFALLKEY	81	56
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEYF	385	>DNMT3A-P <sup>ϕ</sup> HLFALLKEYF	177	208
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEYFA	124	>DNMT3A-P <sup>ϕ</sup> HLFALLKEYFA	189	65
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEY	171	>DNMT3A-P <sup>ϕ</sup> HLFALLKEY	24	147
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEY	109	>DNMT3A-P <sup>ϕ</sup> HLFALLKEY	98	11
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEYF	94	>DNMT3A-P <sup>ϕ</sup> HLFALLKEYF	103	9
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEY	14	>DNMT3A-P <sup>ϕ</sup> HLFALLKEY	49	35
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEYF	50	>DNMT3A-P <sup>ϕ</sup> HLFALLKEYF	186	136
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEY	23	>DNMT3A-P <sup>ϕ</sup> HLFALLKEY	49	26
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEYF	22	>DNMT3A-P <sup>ϕ</sup> HLFALLKEYF	49	27
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEY	119	>DNMT3A-P <sup>ϕ</sup> HLFALLKEY	252	133
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEYF	460	>DNMT3A-P <sup>ϕ</sup> HLFALLKEYF	1108	648
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEY	91	>DNMT3A-P <sup>ϕ</sup> HLFALLKEY	53	38
>DNMT3A-P <sup>ϕ</sup> HLFAPLKEY	123	>DNMT3A-P <sup>ϕ</sup> HLFALLKEY	186	63
>DNMT3A-P <sup>ϕ</sup> RHLFAPLKEYI	355	>DNMT3A-P <sup>ϕ</sup> RHLFALLKEYF	537	182
>DNMT3A-P <sup>ϕ</sup> RHLFAPLKEYI	147	>DNMT3A-P <sup>ϕ</sup> RHLFALLKEYF	98	49
>DNMT3A-P <sup>ϕ</sup> RHLFAPLK	138	>DNMT3A-P <sup>ϕ</sup> RHLFALLK	203	65
>DNMT3A-P <sup>ϕ</sup> RHLFAPLKEY	705	>DNMT3A-P <sup>ϕ</sup> RHLFALLKEY	493	212
>DNMT3A-P <sup>ϕ</sup> RHLFAPLKEY	354	>DNMT3A-P <sup>ϕ</sup> RHLFALLKEY	193	161
>DNMT3A-P <sup>ϕ</sup> RHLFAPLKEY	53	>DNMT3A-P <sup>ϕ</sup> RHLFALLKEY	100	47
>DNMT3A-P <sup>ϕ</sup> RHLFAPLKEYI	37	>DNMT3A-P <sup>ϕ</sup> RHLFALLKEYF	57	20
>DNMT3A-P <sup>ϕ</sup> RHLFAPLKEY	451	>DNMT3A-P <sup>ϕ</sup> RHLFALLKEY	357	94
>DNMT3A-P <sup>ϕ</sup> IRHLFAPL	22	>DNMT3A-P <sup>ϕ</sup> IRHLFALL	67	45
>DNMT3A-P <sup>ϕ</sup> IRHLFAPLK	359	>DNMT3A-P <sup>ϕ</sup> IRHLFALLK	659	300
>DNMT3A-P <sup>ϕ</sup> IRHLFAPL	141	>DNMT3A-P <sup>ϕ</sup> IRHLFALL	483	342
>DNMT3A-P <sup>ϕ</sup> IRHLFAPLKEY	57	>DNMT3A-P <sup>ϕ</sup> IRHLFALLKEY	71	14
>DNMT3A-P <sup>ϕ</sup> IRHLFAPL	103	>DNMT3A-P <sup>ϕ</sup> IRHLFALL	96	7

>DNMT3A-P $\Psi$ IRHLFAPLK	91	>DNMT3A-P $\Psi$ IRHLFALLK	39	52
>DNMT3A-P $\Psi$ IRHLFAPLKEY	735	>DNMT3A-P $\Psi$ IRHLFALLKEY	285	450
>DNMT3A-P $\Psi$ IRHLFAPL	294	>DNMT3A-P $\Psi$ IRHLFALL	1020	726
>DNMT3A-P $\Psi$ IRHLFAPL	82	>DNMT3A-P $\Psi$ IRHLFALL	106	24
>DNMT3A-P $\Psi$ IRHLFAPL	169	>DNMT3A-P $\Psi$ IRHLFALL	464	295
>DNMT3A-P $\Psi$ IRHLFAPLK	49	>DNMT3A-P $\Psi$ IRHLFALLK	29	20
>DNMT3A-P $\Psi$ IRHLFAPLKEY	949	>DNMT3A-P $\Psi$ IRHLFALLKEY	442	507
>DNMT3A-P $\Psi$ VIRHLFAP	25350	>DNMT3A-P $\Psi$ VIRHLFAL	438	24912
>DNMT3A-P $\Psi$ VIRHLFAPL	48	>DNMT3A-P $\Psi$ VIRHLFALL	75	27
>DNMT3A-P $\Psi$ VIRHLFAP	15564	>DNMT3A-P $\Psi$ VIRHLFAL	249	15315
>DNMT3A-P $\Psi$ VIRHLFAPL	85	>DNMT3A-P $\Psi$ VIRHLFALL	237	152
>DNMT3A-P $\Psi$ VIRHLFAP	12843	>DNMT3A-P $\Psi$ VIRHLFAL	226	12617
>DNMT3A-P $\Psi$ VIRHLFAPL	232	>DNMT3A-P $\Psi$ VIRHLFALL	744	512
>DNMT3A-P $\Psi$ VIRHLFAP	28731	>DNMT3A-P $\Psi$ VIRHLFAL	494	28237
>DNMT3A-P $\Psi$ VIRHLFAPLK	169	>DNMT3A-P $\Psi$ VIRHLFALLK	58	111
>DNMT3A-P $\Psi$ VIRHLFAPLK	231	>DNMT3A-P $\Psi$ VIRHLFALLK	75	156
>DNMT3A-P $\Psi$ VIRHLFAP	3477	>DNMT3A-P $\Psi$ VIRHLFAL	353	3124
>DNMT3A-P $\Psi$ VIRHLFAPL	65	>DNMT3A-P $\Psi$ VIRHLFALL	149	84
>DNMT3A-P $\Psi$ VIRHLFAPLK	6	>DNMT3A-P $\Psi$ VIRHLFALLK	7	1
>DNMT3A-P $\Psi$ VIRHLFAPLK	618	>DNMT3A-P $\Psi$ VIRHLFALLK	223	395
>DNMT3A-P $\Psi$ VIRHLFAPL	212	>DNMT3A-P $\Psi$ VIRHLFALL	7694	7482
>DNMT3A-P $\Psi$ VIRHLFAP	10845	>DNMT3A-P $\Psi$ VIRHLFAL	297	10548
>DNMT3A-P $\Psi$ VIRHLFAPL	63	>DNMT3A-P $\Psi$ VIRHLFALL	476	413
>DNMT3A-P $\Psi$ VIRHLFAPL	117	>DNMT3A-P $\Psi$ VIRHLFALL	1941	1824
>DNMT3A-P $\Psi$ VIRHLFAPL	359	>DNMT3A-P $\Psi$ VIRHLFALL	1758	1399
>DNMT3A-P $\Psi$ VIRHLFAPL	1996	>DNMT3A-P $\Psi$ VIRHLFALL	154	1842
>DNMT3A-P $\Psi$ PVIRHLFAP	14555	>DNMT3A-P $\Psi$ PVIRHLFAL	161	14394
>DNMT3A-P $\Psi$ PVIRHLFAPLK	129	>DNMT3A-P $\Psi$ PVIRHLFALLK	76	53
>DNMT3A-P $\Psi$ PVIRHLFAP	1329	>DNMT3A-P $\Psi$ PVIRHLFAL	7	1322
>DNMT3A-P $\Psi$ PVIRHLFAPL	16	>DNMT3A-P $\Psi$ PVIRHLFALL	62	46
>DNMT3A-P $\Psi$ PVIRHLFAPLK	280	>DNMT3A-P $\Psi$ PVIRHLFALLK	409	129
>DNMT3A-P $\Psi$ VPVIRHLFAP	41267	>DNMT3A-P $\Psi$ VPVIRHLFAL	285	40982
>DNMT3A-P $\Psi$ VPVIRHLFAP	8474	>DNMT3A-P $\Psi$ VPVIRHLFAL	133	8341
>DNMT3A-P $\Psi$ VPVIRHLFAPI	18	>DNMT3A-P $\Psi$ VPVIRHLFALL	105	87
>DNMT3A-P $\Psi$ VPVIRHLFAPI	152	>DNMT3A-P $\Psi$ VPVIRHLFALL	625	473
>DNMT3A-P $\Psi$ VPVIRHLFAPI	296	>DNMT3A-P $\Psi$ VPVIRHLFALL	2296	2000
>DNMT3A-P $\Psi$ VPVIRHLFAP	477	>DNMT3A-P $\Psi$ VPVIRHLFAL	1019	542
>DNMT3A-R $\Psi$ RLFFEFYRL	16	>DNMT3A-R $\Psi$ QLFFEFYRL	30	14
>DNMT3A-R $\Psi$ RLFFEFYRL	152	>DNMT3A-R $\Psi$ QLFFEFYRLL	314	162
>DNMT3A-R $\Psi$ RLFFEFYRL	4	>DNMT3A-R $\Psi$ QLFFEFYRL	5	1
>DNMT3A-R $\Psi$ RLFFEFYRLL	46	>DNMT3A-R $\Psi$ QLFFEFYRLL	58	12
>DNMT3A-R $\Psi$ RLFFEFYRL	46	>DNMT3A-R $\Psi$ QLFFEFYRL	261	215
>DNMT3A-R $\Psi$ RLFFEFYRLL	166	>DNMT3A-R $\Psi$ QLFFEFYRLL	267	101



>DNMT3A-R:RLFFEFYRL	95	>DNMT3A-R:QLFFEFYRL	135	40
>DNMT3A-R:RLFFEFYRL	4	>DNMT3A-R:QLFFEFYRL	15	11
>DNMT3A-R:RLFFEFYRL	8	>DNMT3A-R:QLFFEFYRL	43	35
>DNMT3A-R:RLFFEFYRL	13	>DNMT3A-R:QLFFEFYRL	50	37
>DNMT3A-R:RLFFEFYRL	108	>DNMT3A-R:QLFFEFYRL	503	395
>DNMT3A-R:RLFFEFYRL	43	>DNMT3A-R:QLFFEFYRL	348	305
>DNMT3A-R:RLFFEFYRL	121	>DNMT3A-R:QLFFEFYRL	756	635
>DNMT3A-R:RLFFEFYRL	96	>DNMT3A-R:QLFFEFYRL	151	55
>DNMT3A-R:RLFFEFYRL	8	>DNMT3A-R:QLFFEFYRL	14	6
>DNMT3A-R:RLFFEFYRL	24	>DNMT3A-R:QLFFEFYRL	57	33
>DNMT3A-R:RLFFEFYR	47	>DNMT3A-R:QLFFEFYR	292	245
>DNMT3A-R:RLFFEFYRL	63	>DNMT3A-R:QLFFEFYRL	409	346
>DNMT3A-R:RLFFEFYR	25	>DNMT3A-R:QLFFEFYR	81	56
>DNMT3A-R:RLFFEFYRL	246	>DNMT3A-R:QLFFEFYRL	1484	1238
>DNMT3A-R:RLFFEFYRL	91	>DNMT3A-R:QLFFEFYRL	357	266
>DNMT3A-R:RLFFEFYRL	312	>DNMT3A-R:QLFFEFYRL	120	192
>DNMT3A-R:RLFFEFYR	6	>DNMT3A-R:QLFFEFYR	13	7
>DNMT3A-R:RLFFEFYRL	357	>DNMT3A-R:QLFFEFYRL	4582	4225
>DNMT3A-R:RLFFEFYRL	10	>DNMT3A-R:QLFFEFYRL	36	26
>DNMT3A-R:RLFFEFYRL	26	>DNMT3A-R:QLFFEFYRL	214	188
>DNMT3A-R:RLFFEFYR	83	>DNMT3A-R:QLFFEFYR	35	48
>DNMT3A-R:RLFFEFYR	21	>DNMT3A-R:QLFFEFYR	6	15
>DNMT3A-R:RLFFEFYRL	2320	>DNMT3A-R:QLFFEFYRL	127	2193
>DNMT3A-R:RLFFEFYRL	316	>DNMT3A-R:QLFFEFYRL	1297	981
>DNMT3A-R:RLFFEFYRL	204	>DNMT3A-R:QLFFEFYRL	803	599
>DNMT3A-R:RLFFEFYR	662	>DNMT3A-R:QLFFEFYR	295	367
>DNMT3A-R:RLFFEFYR	12	>DNMT3A-R:QLFFEFYR	18	6
>DNMT3A-R:RLFFEFYRL	583	>DNMT3A-R:QLFFEFYRL	307	276
>DNMT3A-R:GRLFFEFYRL	5499	>DNMT3A-R:GQLFFEFYRL	234	5265
>DNMT3A-R:GRLFFEFYRL	2398	>DNMT3A-R:GQLFFEFYRL	111	2287
>DNMT3A-R:GRLFFEFYRL	3396	>DNMT3A-R:GQLFFEFYRL	113	3283
>DNMT3A-R:GRLFFEFYRL	17382	>DNMT3A-R:GQLFFEFYRL	143	17239
>DNMT3A-R:GRLFFEFYRL	12149	>DNMT3A-R:GQLFFEFYRL	344	11805
>DNMT3A-R:GRLFFEFYRL	13171	>DNMT3A-R:GQLFFEFYRL	210	12961
>DNMT3A-R:GRLFFEFY	16680	>DNMT3A-R:GQLFFEFY	363	16317
>DNMT3A-R:GRLFFEFYR	6545	>DNMT3A-R:GQLFFEFYR	33	6512
>DNMT3A-R:GRLFFEFY	201	>DNMT3A-R:GQLFFEFY	67	134
>DNMT3A-R:GRLFFEFY	610	>DNMT3A-R:GQLFFEFY	127	483
>DNMT3A-R:GRLFFEFYR	598	>DNMT3A-R:GQLFFEFYR	6	592
>DNMT3A-R:GRLFFEFYR	959	>DNMT3A-R:GQLFFEFYR	317	642
>DNMT3A-R:GRLFFEFY	16542	>DNMT3A-R:GQLFFEFY	322	16220
>DNMT3A-R:GRLFFEFY	478	>DNMT3A-R:GQLFFEFY	48	430
>DNMT3A-R:GRLFFEFYRL	2036	>DNMT3A-R:GQLFFEFYRL	381	1655

>DNMT3A-R:GRLFFEFY	215	>DNMT3A-R:GQLFFEFY	4697	4482
>DNMT3A-R:GRLFFEFYR	137	>DNMT3A-R:GQLFFEFYR	3123	2986
>DNMT3A-R:GRLFFEFYRL	25	>DNMT3A-R:GQLFFEFYRL	1443	1418
>DNMT3A-R:GRLFFEFYRLL	53	>DNMT3A-R:GQLFFEFYRLI	1576	1523
>DNMT3A-R:GRLFFEFYRL	7243	>DNMT3A-R:GQLFFEFYRL	283	6960
>DNMT3A-R:GRLFFEFYRLL	2885	>DNMT3A-R:GQLFFEFYRLI	83	2802
>DNMT3A-R:GRLFFEFYRLL	55	>DNMT3A-R:GQLFFEFYRLI	938	883
>DNMT3A-R:GRLFFEFYRLL	6	>DNMT3A-R:GQLFFEFYRLI	67	61
>DNMT3A-R:GRLFFEFYR	988	>DNMT3A-R:GQLFFEFYR	252	736
>DNMT3A-R:GRLFFEFYR	84	>DNMT3A-R:GQLFFEFYR	51	33
>DNMT3A-R:ARKGLYEGTC	233	>DNMT3A-R:ARKGLYEGTC	3187	2954
>DNMT3A-R:TGRLFFEFY	1018	>DNMT3A-R:TGQLFFEFY	447	571
>DNMT3A-R:TGRLFFEFYR	23	>DNMT3A-R:TGQLFFEFYR	32	9
>DNMT3A-R:TGRLFFEFYR	94	>DNMT3A-R:TGQLFFEFYR	103	9
>DNMT3A-R:TGRLFFEFY	143	>DNMT3A-R:TGQLFFEFY	608	465
>DNMT3A-R:TGRLFFEFYR	54	>DNMT3A-R:TGQLFFEFYR	40	14
>DNMT3A-R:GTGRLFFEFY	337	>DNMT3A-R:GTGQLFFEFY	291	46
>DNMT3A-R:GTGRLFFEFY	691	>DNMT3A-R:GTGQLFFEFY	432	259
>DNMT3A-R:GTGRLFFEFYI	19	>DNMT3A-R:GTGQLFFEFY	32	13
>DNMT3A-R:GTGRLFFEF	370	>DNMT3A-R:GTGQLFFEF	582	212
>DNMT3A-R:GTGRLFFEF	59	>DNMT3A-R:GTGQLFFEF	37	22
>DNMT3A-R:GTGRLFFEFY	1038	>DNMT3A-R:GTGQLFFEFY	266	772
>DNMT3A-R:GTGRLFFEF	764	>DNMT3A-R:GTGQLFFEF	329	435
>DNMT3A-R:GTGRLFFEFY	68	>DNMT3A-R:GTGQLFFEFY	54	14
>DNMT3A-R:GTGRLFFEFY	114	>DNMT3A-R:GTGQLFFEFY	234	120
>DNMT3A-R:GTGRLFFEFYI	7	>DNMT3A-R:GTGQLFFEFY	12	5
>DNMT3A-R:GTGRLFFEF	340	>DNMT3A-R:GTGQLFFEF	284	56
>DNMT3A-R:GTGRLFFEFYI	214	>DNMT3A-R:GTGQLFFEFY	262	48
>DNMT3A-R:GTGRLFFEFYI	36	>DNMT3A-R:GTGQLFFEFY	35	1
>DNMT3A-R:GTGRLFFEFY	24	>DNMT3A-R:GTGQLFFEFY	33	9
>DNMT3A-R:GTGRLFFEF	938	>DNMT3A-R:GTGQLFFEF	449	489
>DNMT3A-R:GTGRLFFEF	356	>DNMT3A-R:GTGQLFFEF	66	290
>DNMT3A-R:GTGRLFFEF	257	>DNMT3A-R:GTGQLFFEF	522	265
>DNMT3A-R:GTGRLFFEF	1027	>DNMT3A-R:GTGQLFFEF	458	569
>DNMT3A-R:GTGRLFFEF	34	>DNMT3A-R:GTGQLFFEF	30	4
>DNMT3A-R:GTGRLFFEFY	75	>DNMT3A-R:GTGQLFFEFY	184	109
>DNMT3A-R:GTGRLFFEF	405	>DNMT3A-R:GTGQLFFEF	343	62
>DNMT3A-R:GTGRLFFEFY	293	>DNMT3A-R:GTGQLFFEFY	259	34
>DNMT3A-R:GTGRLFFEFYI	109	>DNMT3A-R:GTGQLFFEFY	92	17
>DNMT3A-R:GTGRLFFEFYI	198	>DNMT3A-R:GTGQLFFEFY	86	112
>DNMT3A-R:EGTGRLFFEF	704	>DNMT3A-R:EGTGQLFFEF	264	440
>DNMT3A-R:YEGTGRLF	10	>DNMT3A-R:YEGTGQLF	21	11
>DNMT3A-R:YEGTGRLFF	105	>DNMT3A-R:YEGTGQLFF	194	89

>DNMT3A-R;YEGTGRLFFEI	329	>DNMT3A-R;YEGTGQLFFE	408	79
>DNMT3A-R;YEGTGRLF	454	>DNMT3A-R;YEGTGQLF	268	186
>DNMT3A-R;YEGTGRLFF	405	>DNMT3A-R;YEGTGQLFF	489	84
>DNMT3A-R;YEGTGRLFFEI	245	>DNMT3A-R;YEGTGQLFFE	287	42
>DNMT3A-R;YEGTGRLF	50	>DNMT3A-R;YEGTGQLF	63	13
>DNMT3A-R;YEGTGRLFF	20	>DNMT3A-R;YEGTGQLFF	41	21
>DNMT3A-R;YEGTGRLFFEI	11	>DNMT3A-R;YEGTGQLFFE	14	3
>DNMT3A-R;YEGTGRLF	568	>DNMT3A-R;YEGTGQLF	299	269
>DNMT3A-R;YEGTGRLFF	234	>DNMT3A-R;YEGTGQLFF	261	27
>DNMT3A-R;YEGTGRLFFEI	106	>DNMT3A-R;YEGTGQLFFE	108	2
>DNMT3A-R;YEGTGRLFFEI	203	>DNMT3A-R;YEGTGQLFFE	216	13
>DNMT3A-R;YEGTGRLF	509	>DNMT3A-R;YEGTGQLF	338	171
>DNMT3A-R;YEGTGRLFF	446	>DNMT3A-R;YEGTGQLFF	251	195
>DNMT3A-R;YEGTGRLFFEI	216	>DNMT3A-R;YEGTGQLFFE	154	62
>DNMT3A-R;YEGTGRLFF	97	>DNMT3A-R;YEGTGQLFF	130	33
>DNMT3A-R;YEGTGRLFFEI	30	>DNMT3A-R;YEGTGQLFFE	33	3
>DNMT3A-R;LYEGTGRL	296	>DNMT3A-R;LYEGTGQL	178	118
>DNMT3A-R;LYEGTGRLF	458	>DNMT3A-R;LYEGTGQLF	95	363
>DNMT3A-R;LYEGTGRLFF	31	>DNMT3A-R;LYEGTGQLFF	49	18
>DNMT3A-R;LYEGTGRLF	361	>DNMT3A-R;LYEGTGQLF	135	226
>DNMT3A-R;LYEGTGRLFF	77	>DNMT3A-R;LYEGTGQLFF	105	28
>DNMT3A-R;LYEGTGRL	49	>DNMT3A-R;LYEGTGQL	17	32
>DNMT3A-R;LYEGTGRLF	18	>DNMT3A-R;LYEGTGQLF	8	10
>DNMT3A-R;LYEGTGRLFF	9	>DNMT3A-R;LYEGTGQLFF	7	2
>DNMT3A-R;LYEGTGRLFF	24	>DNMT3A-R;LYEGTGQLFF	26	2
>DNMT3A-R;LYEGTGRLFF	336	>DNMT3A-R;LYEGTGQLFF	387	51
>DNMT3A-R;GLYEGTGRL	72	>DNMT3A-R;GLYEGTGQL	66	6
>DNMT3A-R;GLYEGTGRL	27	>DNMT3A-R;GLYEGTGQL	18	9
>DNMT3A-R;GLYEGTGRL	5	>DNMT3A-R;GLYEGTGQL	4	1
>DNMT3A-R;GLYEGTGRLF	740	>DNMT3A-R;GLYEGTGQLF	499	241
>DNMT3A-R;GLYEGTGRL	264	>DNMT3A-R;GLYEGTGQL	150	114
>DNMT3A-R;GLYEGTGRLF	508	>DNMT3A-R;GLYEGTGQLF	419	89
>DNMT3A-R;GLYEGTGR	1259	>DNMT3A-R;GLYEGTGQ	128	1131
>DNMT3A-R;GLYEGTGRL	3	>DNMT3A-R;GLYEGTGQL	3	0
>DNMT3A-R;GLYEGTGRLF	170	>DNMT3A-R;GLYEGTGQLF	65	105
>DNMT3A-R;GLYEGTGRLF	126	>DNMT3A-R;GLYEGTGQLF	44	82
>DNMT3A-R;GLYEGTGRL	10	>DNMT3A-R;GLYEGTGQL	9	1
>DNMT3A-R;GLYEGTGR	4379	>DNMT3A-R;GLYEGTGQ	182	4197
>DNMT3A-R;GLYEGTGRL	8	>DNMT3A-R;GLYEGTGQL	6	2
>DNMT3A-R;GLYEGTGRLF	1042	>DNMT3A-R;GLYEGTGQLF	363	679
>DNMT3A-R;GLYEGTGRL	170	>DNMT3A-R;GLYEGTGQL	54	116
>DNMT3A-R;GLYEGTGR	1488	>DNMT3A-R;GLYEGTGQ	26	1462
>DNMT3A-R;GLYEGTGRL	3	>DNMT3A-R;GLYEGTGQL	3	0

>DNMT3A-R; GLYEGTGRLF	2031	>DNMT3A-R; GLYEGTGQLF	299	1732
>DNMT3A-R; GLYEGTGRLF	433	>DNMT3A-R; GLYEGTGQLF	314	119
>DNMT3A-R; GLYEGTGR	190	>DNMT3A-R; GLYEGTGQ	11372	11182
>DNMT3A-R; GLYEGTGRLF	82	>DNMT3A-R; GLYEGTGQLF	57	25
>DNMT3A-R; GLYEGTGRLF	151	>DNMT3A-R; GLYEGTGQLF	94	57
>DNMT3A-R; GLYEGTGRLF	100	>DNMT3A-R; GLYEGTGQLF	97	3
>DNMT3A-R; GLYEGTGRL	437	>DNMT3A-R; GLYEGTGQL	296	141
>DNMT3A-R; GLYEGTGRLF	35	>DNMT3A-R; GLYEGTGQLF	26	9
>DNMT3A-R; GLYEGTGRLF	91	>DNMT3A-R; GLYEGTGQLF	76	15
>DNMT3A-R; GLYEGTGRLF	457	>DNMT3A-R; GLYEGTGQLF	190	267
>DNMT3A-R; GLYEGTGRLF	261	>DNMT3A-R; GLYEGTGQLF	286	25
>DNMT3A-R; GLYEGTGRLF	246	>DNMT3A-R; GLYEGTGQLF	136	110
>DNMT3A-R; GLYEGTGRLF	202	>DNMT3A-R; GLYEGTGQLF	136	66
>DNMT3A-R; KGLYEGTGRL	210	>DNMT3A-R; KGLYEGTGQL	105	105
>DNMT3A-R; KGLYEGTGRL	420	>DNMT3A-R; KGLYEGTGQL	191	229
>DNMT3A-R; KGLYEGTGRL	203	>DNMT3A-R; KGLYEGTGQL	162	41
>DNMT3A-R; KGLYEGTGR	174	>DNMT3A-R; KGLYEGTGQ	17708	17534
>DNMT3A-R; RLFFEFYRL	16	>DNMT3A-R; WLFFEFYRL	12	4
>DNMT3A-R; RLFFEFYRL	152	>DNMT3A-R; WLFFEFYRL	190	38
>DNMT3A-R; RLFFEFYRL	4	>DNMT3A-R; WLFFEFYRL	3	1
>DNMT3A-R; RLFFEFYRL	46	>DNMT3A-R; WLFFEFYRL	36	10
>DNMT3A-R; RLFFEFYRL	46	>DNMT3A-R; WLFFEFYRL	41	5
>DNMT3A-R; RLFFEFYRL	166	>DNMT3A-R; WLFFEFYRL	164	2
>DNMT3A-R; RLFFEFYRL	95	>DNMT3A-R; WLFFEFYRL	27	68
>DNMT3A-R; RLFFEFYRL	662	>DNMT3A-R; WLFFEFYRL	478	184
>DNMT3A-R; RLFFEFYRL	4	>DNMT3A-R; WLFFEFYRL	4	0
>DNMT3A-R; RLFFEFYRL	8	>DNMT3A-R; WLFFEFYRL	8	0
>DNMT3A-R; RLFFEFYRL	13	>DNMT3A-R; WLFFEFYRL	14	1
>DNMT3A-R; RLFFEFYRL	108	>DNMT3A-R; WLFFEFYRL	98	10
>DNMT3A-R; RLFFEFYRL	43	>DNMT3A-R; WLFFEFYRL	30	13
>DNMT3A-R; RLFFEFYRL	121	>DNMT3A-R; WLFFEFYRL	77	44
>DNMT3A-R; RLFFEFYRL	96	>DNMT3A-R; WLFFEFYRL	10	86
>DNMT3A-R; RLFFEFYRL	1008	>DNMT3A-R; WLFFEFYRL	130	878
>DNMT3A-R; RLFFEFYRL	8	>DNMT3A-R; WLFFEFYRL	5	3
>DNMT3A-R; RLFFEFYRL	24	>DNMT3A-R; WLFFEFYRL	12	12
>DNMT3A-R; RLFFEFYR	47	>DNMT3A-R; WLFFEFYR	1706	1659
>DNMT3A-R; RLFFEFYRL	63	>DNMT3A-R; WLFFEFYRL	1928	1865
>DNMT3A-R; RLFFEFYR	25	>DNMT3A-R; WLFFEFYR	617	592
>DNMT3A-R; RLFFEFYRL	246	>DNMT3A-R; WLFFEFYRL	7663	7417
>DNMT3A-R; RLFFEFYRL	91	>DNMT3A-R; WLFFEFYRL	110	19
>DNMT3A-R; RLFFEFYRL	312	>DNMT3A-R; WLFFEFYRL	61	251
>DNMT3A-R; RLFFEFYR	6	>DNMT3A-R; WLFFEFYR	32	26
>DNMT3A-R; RLFFEFYRL	357	>DNMT3A-R; WLFFEFYRL	9027	8670

>DNMT3A-R: RLFFEFYRL	10	>DNMT3A-R: WLFFEFYRL	941	931
>DNMT3A-R: RLFFEFYRLL	26	>DNMT3A-R: WLFFEFYRLL	4012	3986
>DNMT3A-R: RLFFEFYR	83	>DNMT3A-R: WLFFEFYR	54	29
>DNMT3A-R: RLFFEFYR	21	>DNMT3A-R: WLFFEFYR	8	13
>DNMT3A-R: RLFFEFYRL	2320	>DNMT3A-R: WLFFEFYRL	90	2230
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>DNMT3A-R: RLFFEFYRL	316	>DNMT3A-R: WLFFEFYRL	507	191
>DNMT3A-R: RLFFEFYRLL	204	>DNMT3A-R: WLFFEFYRLL	324	120
>DNMT3A-R: RLFFEFYR	12	>DNMT3A-R: WLFFEFYR	16	4
>DNMT3A-R: GRLLFFEFYRLL	1653	>DNMT3A-R: GWLFFEFYRL	148	1505
>DNMT3A-R: GRLLFFEFYRL	17030	>DNMT3A-R: GWLFFEFYRL	91	16939
>DNMT3A-R: GRLLFFEFYRL	17777	>DNMT3A-R: GWLFFEFYRL	87	17690
>DNMT3A-R: GRLLFFEFYRLL	20647	>DNMT3A-R: GWLFFEFYRL	168	20479
>DNMT3A-R: GRLLFFEFY	201	>DNMT3A-R: GWLFFEFY	13	188
>DNMT3A-R: GRLLFFEFY	610	>DNMT3A-R: GWLFFEFY	109	501
>DNMT3A-R: GRLLFFEFYR	598	>DNMT3A-R: GWLFFEFYR	13	585
>DNMT3A-R: GRLLFFEFYR	2658	>DNMT3A-R: GWLFFEFYR	272	2386
>DNMT3A-R: GRLLFFEFY	478	>DNMT3A-R: GWLFFEFY	6334	5856
>DNMT3A-R: GRLLFFEFY	215	>DNMT3A-R: GWLFFEFY	13110	12895
>DNMT3A-R: GRLLFFEFYR	137	>DNMT3A-R: GWLFFEFYR	13704	13567
>DNMT3A-R: GRLLFFEFYRL	25	>DNMT3A-R: GWLFFEFYRL	1854	1829
>DNMT3A-R: GRLLFFEFYRLL	53	>DNMT3A-R: GWLFFEFYRL	10401	10348
>DNMT3A-R: GRLLFFEFYRLL	55	>DNMT3A-R: GWLFFEFYRL	5551	5496
>DNMT3A-R: GRLLFFEFYRLL	6	>DNMT3A-R: GWLFFEFYRL	1788	1782
>DNMT3A-R: GRLLFFEFYR	84	>DNMT3A-R: GWLFFEFYR	12	72
>DNMT3A-R: GRLLFFEFY	30344	>DNMT3A-R: GWLFFEFY	129	30215
>DNMT3A-R: GRLLFFEFYR	33095	>DNMT3A-R: GWLFFEFYR	237	32858
>DNMT3A-R: GRLLFFEFYRL	28305	>DNMT3A-R: GWLFFEFYRL	350	27955
>DNMT3A-R: GRLLFFEFYRLL	27119	>DNMT3A-R: GWLFFEFYRL	96	27023
>DNMT3A-R: ARKGLYEGTC	233	>DNMT3A-R: ARKGLYEGTC	2241	2008
>DNMT3A-R: TGRLLFFEFYRL	698	>DNMT3A-R: TGWLFFEFYR	248	450
>DNMT3A-R: TGRLLFFEF	3343	>DNMT3A-R: TGWLFFEF	494	2849
>DNMT3A-R: TGRLLFFEFY	902	>DNMT3A-R: TGWLFFEFY	48	854
>DNMT3A-R: TGRLLFFEFY	1018	>DNMT3A-R: TGWLFFEFY	265	753
>DNMT3A-R: TGRLLFFEFYR	23	>DNMT3A-R: TGWLFFEFYR	31	8
>DNMT3A-R: TGRLLFFEFYR	94	>DNMT3A-R: TGWLFFEFYR	100	6
>DNMT3A-R: TGRLLFFEF	3907	>DNMT3A-R: TGWLFFEF	227	3680
>DNMT3A-R: TGRLLFFEFY	143	>DNMT3A-R: TGWLFFEFY	572	429
>DNMT3A-R: TGRLLFFEFYR	54	>DNMT3A-R: TGWLFFEFYR	13	41
>DNMT3A-R: GTGRLFFEFY	337	>DNMT3A-R: GTGWLFFEFY	340	3
>DNMT3A-R: GTGRLFFEFY	691	>DNMT3A-R: GTGWLFFEFY	357	334
>DNMT3A-R: GTGRLFFEFYI	19	>DNMT3A-R: GTGWLFFEFY	13	6
>DNMT3A-R: GTGRLFFEF	370	>DNMT3A-R: GTGWLFFEF	673	303

>DNMT3A-R;GTGRLFFEF	59	>DNMT3A-R;GTGWLFFEF	59	0
>DNMT3A-R;GTGRLFFEF	764	>DNMT3A-R;GTGWLFFEF	250	514
>DNMT3A-R;GTGRLFFEFY	68	>DNMT3A-R;GTGWLFFEFY	48	20
>DNMT3A-R;GTGRLFFEFY	114	>DNMT3A-R;GTGWLFFEFY	143	29
>DNMT3A-R;GTGRLFFEFYI	7	>DNMT3A-R;GTGWLFFEFY	7	0
>DNMT3A-R;GTGRLFFEF	340	>DNMT3A-R;GTGWLFFEF	98	242
>DNMT3A-R;GTGRLFFEFYI	214	>DNMT3A-R;GTGWLFFEFY	124	90
>DNMT3A-R;GTGRLFFEFYI	36	>DNMT3A-R;GTGWLFFEFY	16	20
>DNMT3A-R;GTGRLFFEFY	24	>DNMT3A-R;GTGWLFFEFY	52	28
>DNMT3A-R;GTGRLFFEF	356	>DNMT3A-R;GTGWLFFEF	107	249
>DNMT3A-R;GTGRLFFEF	257	>DNMT3A-R;GTGWLFFEF	302	45
>DNMT3A-R;GTGRLFFEF	1027	>DNMT3A-R;GTGWLFFEF	293	734
>DNMT3A-R;GTGRLFFEF	34	>DNMT3A-R;GTGWLFFEF	42	8
>DNMT3A-R;GTGRLFFEFY	75	>DNMT3A-R;GTGWLFFEFY	63	12
>DNMT3A-R;GTGRLFFEF	405	>DNMT3A-R;GTGWLFFEF	474	69
>DNMT3A-R;GTGRLFFEFY	293	>DNMT3A-R;GTGWLFFEFY	348	55
>DNMT3A-R;GTGRLFFEFYI	109	>DNMT3A-R;GTGWLFFEFY	122	13
>DNMT3A-R;GTGRLFFEFYI	198	>DNMT3A-R;GTGWLFFEFY	72	126
>DNMT3A-R;EGTGRLFFEF	704	>DNMT3A-R;EGTGWLFFEF	174	530
>DNMT3A-R;EGTGRLFFEF	1630	>DNMT3A-R;EGTGWLFFEF	331	1299
>DNMT3A-R;EGTGRLFFEF	1371	>DNMT3A-R;EGTGWLFFEF	355	1016
>DNMT3A-R;YEGTGRLF	10	>DNMT3A-R;YEGTGWLF	57	47
>DNMT3A-R;YEGTGRLFF	105	>DNMT3A-R;YEGTGWLFF	91	14
>DNMT3A-R;YEGTGRLFFEI	329	>DNMT3A-R;YEGTGWLFFE	324	5
>DNMT3A-R;YEGTGRLFF	1673	>DNMT3A-R;YEGTGWLFF	341	1332
>DNMT3A-R;YEGTGRLF	454	>DNMT3A-R;YEGTGWLF	561	107
>DNMT3A-R;YEGTGRLFF	405	>DNMT3A-R;YEGTGWLFF	601	196
>DNMT3A-R;YEGTGRLFFEI	245	>DNMT3A-R;YEGTGWLFFE	375	130
>DNMT3A-R;YEGTGRLF	50	>DNMT3A-R;YEGTGWLF	17	33
>DNMT3A-R;YEGTGRLFF	20	>DNMT3A-R;YEGTGWLFF	28	8
>DNMT3A-R;YEGTGRLFFEI	11	>DNMT3A-R;YEGTGWLFFE	11	0
>DNMT3A-R;YEGTGRLF	568	>DNMT3A-R;YEGTGWLF	138	430
>DNMT3A-R;YEGTGRLFF	234	>DNMT3A-R;YEGTGWLFF	67	167
>DNMT3A-R;YEGTGRLFFEI	106	>DNMT3A-R;YEGTGWLFFE	42	64
>DNMT3A-R;YEGTGRLFF	508	>DNMT3A-R;YEGTGWLFF	327	181
>DNMT3A-R;YEGTGRLFFEI	203	>DNMT3A-R;YEGTGWLFFE	157	46
>DNMT3A-R;YEGTGRLF	509	>DNMT3A-R;YEGTGWLF	108	401
>DNMT3A-R;YEGTGRLFF	446	>DNMT3A-R;YEGTGWLFF	66	380
>DNMT3A-R;YEGTGRLFFEI	216	>DNMT3A-R;YEGTGWLFFE	82	134
>DNMT3A-R;YEGTGRLF	951	>DNMT3A-R;YEGTGWLF	295	656
>DNMT3A-R;YEGTGRLFF	97	>DNMT3A-R;YEGTGWLFF	47	50
>DNMT3A-R;YEGTGRLFFEI	30	>DNMT3A-R;YEGTGWLFFE	19	11
>DNMT3A-R;LYEGTGRL	296	>DNMT3A-R;LYEGTGWL	227	69

>DNMT3A-R:LYEGTGRLF	458	>DNMT3A-R:LYEGTGWLF	49	409
>DNMT3A-R:LYEGTGRLFF	31	>DNMT3A-R:LYEGTGWLFF	17	14
>DNMT3A-R:LYEGTGRLF	361	>DNMT3A-R:LYEGTGWLF	43	318
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>DNMT3A-R:LYEGTGRL	49	>DNMT3A-R:LYEGTGWL	16	33
>DNMT3A-R:LYEGTGRLF	18	>DNMT3A-R:LYEGTGWLF	6	12
>DNMT3A-R:LYEGTGRLFF	9	>DNMT3A-R:LYEGTGWLFF	8	1
>DNMT3A-R:LYEGTGRLF	3028	>DNMT3A-R:LYEGTGWLF	440	2588
>DNMT3A-R:LYEGTGRLFF	24	>DNMT3A-R:LYEGTGWLFF	18	6
>DNMT3A-R:LYEGTGRLF	5650	>DNMT3A-R:LYEGTGWLF	172	5478
>DNMT3A-R:LYEGTGRLFF	4032	>DNMT3A-R:LYEGTGWLFF	61	3971
>DNMT3A-R:LYEGTGRLF	1412	>DNMT3A-R:LYEGTGWLF	268	1144
>DNMT3A-R:LYEGTGRLFF	336	>DNMT3A-R:LYEGTGWLFF	90	246
>DNMT3A-R:LYEGTGRLFFI	1165	>DNMT3A-R:LYEGTGWLFF	432	733
>DNMT3A-R:GLYEGTGRL	72	>DNMT3A-R:GLYEGTGWL	36	36
>DNMT3A-R:GLYEGTGRL	27	>DNMT3A-R:GLYEGTGWL	14	13
>DNMT3A-R:GLYEGTGRLF	1844	>DNMT3A-R:GLYEGTGWLI	262	1582
>DNMT3A-R:GLYEGTGRL	5	>DNMT3A-R:GLYEGTGWL	4	1
>DNMT3A-R:GLYEGTGRLF	740	>DNMT3A-R:GLYEGTGWLI	467	273
>DNMT3A-R:GLYEGTGRL	264	>DNMT3A-R:GLYEGTGWL	77	187
>DNMT3A-R:GLYEGTGRLF	508	>DNMT3A-R:GLYEGTGWLI	154	354
>DNMT3A-R:GLYEGTGRL	3	>DNMT3A-R:GLYEGTGWL	3	0
>DNMT3A-R:GLYEGTGRLF	170	>DNMT3A-R:GLYEGTGWLI	17	153
>DNMT3A-R:GLYEGTGRLF	126	>DNMT3A-R:GLYEGTGWLI	33	93
>DNMT3A-R:GLYEGTGRL	10	>DNMT3A-R:GLYEGTGWL	12	2
>DNMT3A-R:GLYEGTGRLF	4603	>DNMT3A-R:GLYEGTGWLI	252	4351
>DNMT3A-R:GLYEGTGRL	8	>DNMT3A-R:GLYEGTGWL	7	1
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>DNMT3A-R:GLYEGTGRLF	1042	>DNMT3A-R:GLYEGTGWLI	277	765
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>DNMT3A-R:GLYEGTGRL	3	>DNMT3A-R:GLYEGTGWL	3	0
>DNMT3A-R:GLYEGTGRLF	2031	>DNMT3A-R:GLYEGTGWLI	89	1942
>DNMT3A-R:GLYEGTGRLF	433	>DNMT3A-R:GLYEGTGWLI	375	58
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>DNMT3A-R:GLYEGTGRLF	82	>DNMT3A-R:GLYEGTGWLI	63	19
>DNMT3A-R:GLYEGTGRLF	151	>DNMT3A-R:GLYEGTGWLI	261	110
>DNMT3A-R:GLYEGTGRLF	100	>DNMT3A-R:GLYEGTGWLI	97	3
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>DNMT3A-R:GLYEGTGRL	437	>DNMT3A-R:GLYEGTGWL	500	63
>DNMT3A-R:GLYEGTGRLF	35	>DNMT3A-R:GLYEGTGWLI	46	11
>DNMT3A-R:GLYEGTGRLF	91	>DNMT3A-R:GLYEGTGWLI	39	52
>DNMT3A-R:GLYEGTGRLF	457	>DNMT3A-R:GLYEGTGWLI	422	35
>DNMT3A-R:GLYEGTGRLF	261	>DNMT3A-R:GLYEGTGWLI	298	37

>DNMT3A-R;GLYEGTGR	24641	>DNMT3A-R;GLYEGTGW	38	24603
>DNMT3A-R;GLYEGTGRLF	246	>DNMT3A-R;GLYEGTGWLI	246	0
>DNMT3A-R;GLYEGTGRLF	202	>DNMT3A-R;GLYEGTGWLI	109	93
>DNMT3A-R;GLYEGTGRLF	5187	>DNMT3A-R;GLYEGTGWLI	403	4784
>DNMT3A-R;KGLYEGTGRL	210	>DNMT3A-R;KGLYEGTGW	218	8
>DNMT3A-R;KGLYEGTGR	24103	>DNMT3A-R;KGLYEGTGW	178	23925
>DNMT3A-R;KGLYEGTGRL	420	>DNMT3A-R;KGLYEGTGW	438	18
>DNMT3A-R;KGLYEGTGR	24451	>DNMT3A-R;KGLYEGTGW	203	24248
>DNMT3A-R;KGLYEGTGR	21710	>DNMT3A-R;KGLYEGTGW	124	21586
>DNMT3A-R;KGLYEGTGRL	5094	>DNMT3A-R;KGLYEGTGW	293	4801
>DNMT3A-R;KGLYEGTGRL	203	>DNMT3A-R;KGLYEGTGW	469	266
>DNMT3A-R;KGLYEGTGR	174	>DNMT3A-R;KGLYEGTGW	31761	31587
>DNMT3A-R;RKGLYEGTGR	30050	>DNMT3A-R;RKGLYEGTGV	388	29662
>DNMT3A-R;RLLHDARPK	67	>DNMT3A-R;HLLHDARPK	142	75
>DNMT3A-R;RLLHDARPK	59	>DNMT3A-R;HLLHDARPK	231	172
>DNMT3A-R;YRLLHDAR	194	>DNMT3A-R;YHLLHDAR	16260	16066
>DNMT3A-R;GTGRLFFEFYI	19	>DNMT3A-R;GTGRLFFEFYI	169	150
>DNMT3A-R;GTGRLFFEFYI	7	>DNMT3A-R;GTGRLFFEFYI	378	371
>DNMT3A-R;GTGRLFFEFYI	214	>DNMT3A-R;GTGRLFFEFYI	21614	21400
>DNMT3A-R;GTGRLFFEFYI	36	>DNMT3A-R;GTGRLFFEFYI	7619	7583
>DNMT3A-R;GTGRLFFEFYI	109	>DNMT3A-R;GTGRLFFEFYI	271	162
>DNMT3A-R;GTGRLFFEFYI	198	>DNMT3A-R;GTGRLFFEFYI	26273	26075
>DNMT3A-R;FYRLLHDARP	48	>DNMT3A-R;FYHLLHDARP	450	402
>DNMT3A-R;FYRLLHDAR	224	>DNMT3A-R;FYHLLHDAR	357	133
>DNMT3A-R;FYRLLHDAR	17	>DNMT3A-R;FYHLLHDAR	48	31
>DNMT3A-R;FYRLLHDAR	2086	>DNMT3A-R;FYHLLHDAR	443	1643
>DNMT3A-R;FYRLLHDAR	132	>DNMT3A-R;FYHLLHDAR	56	76
>DNMT3A-R;EFYRLLHDAR	116	>DNMT3A-R;EFYHLLHDAR	76	40
>DNMT3A-R;EFYRLLHDAR	34	>DNMT3A-R;EFYHLLHDAR	42	8
>DNMT3A-R;EFYRLLHDAR	201	>DNMT3A-R;EFYHLLHDAR	122	79
>DNMT3A-R;EFYRLLHDAR	76	>DNMT3A-R;EFYHLLHDAR	45	31
>DNMT3A-R;FEFYRLLH	388	>DNMT3A-R;FEFYHLLH	124	264
>DNMT3A-R;FEFYRLLHDA	87	>DNMT3A-R;FEFYHLLHDA	196	109
>DNMT3A-R;FEFYRLLHDAI	210	>DNMT3A-R;FEFYHLLHDA	162	48
>DNMT3A-R;FEFYRLLH	694	>DNMT3A-R;FEFYHLLH	231	463
>DNMT3A-R;FEFYRLLHDAI	589	>DNMT3A-R;FEFYHLLHDA	223	366
>DNMT3A-R;FEFYRLLHDA	70	>DNMT3A-R;FEFYHLLHDA	79	9
>DNMT3A-R;FEFYRLLHDAI	713	>DNMT3A-R;FEFYHLLHDA	443	270
>DNMT3A-R;FEFYRLLHDA	158	>DNMT3A-R;FEFYHLLHDA	108	50
>DNMT3A-R;FEFYRLLHD	206	>DNMT3A-R;FEFYHLLHD	91	115
>DNMT3A-R;FEFYRLLHDA	324	>DNMT3A-R;FEFYHLLHDA	120	204
>DNMT3A-R;FEFYRLLHDAI	667	>DNMT3A-R;FEFYHLLHDA	396	271
>DNMT3A-R;FFEFYRLL	809	>DNMT3A-R;FFEFYHLL	95	714



>DNMT3A-R; FFEFYRLL	1396	>DNMT3A-R; FFEFYHLL	252	1144
>DNMT3A-R; FFEFYRLL	756	>DNMT3A-R; FFEFYHLL	227	529
>DNMT3A-R; FFEFYRLLH	89	>DNMT3A-R; FFEFYHLLH	31	58
>DNMT3A-R; FFEFYRLL	559	>DNMT3A-R; FFEFYHLL	453	106
>DNMT3A-R; LFFEFYRL	24	>DNMT3A-R; LFFEFYHL	22	2
>DNMT3A-R; LFFEFYRLL	23	>DNMT3A-R; LFFEFYHLL	28	5
>DNMT3A-R; LFFEFYRLL	7052	>DNMT3A-R; LFFEFYHLL	470	6582
>DNMT3A-R; LFFEFYRL	65	>DNMT3A-R; LFFEFYHL	26	39
>DNMT3A-R; LFFEFYRLL	231	>DNMT3A-R; LFFEFYHLL	14	217
>DNMT3A-R; LFFEFYRL	327	>DNMT3A-R; LFFEFYHL	273	54
>DNMT3A-R; LFFEFYRLL	1074	>DNMT3A-R; LFFEFYHLL	108	966
>DNMT3A-R; LFFEFYRLL	6903	>DNMT3A-R; LFFEFYHLL	106	6797
>DNMT3A-R; LFFEFYRL	146	>DNMT3A-R; LFFEFYHL	64	82
>DNMT3A-R; LFFEFYRLL	1250	>DNMT3A-R; LFFEFYHLL	88	1162
>DNMT3A-R; LFFEFYRLL	1151	>DNMT3A-R; LFFEFYHLL	264	887
>DNMT3A-R; LFFEFYRL	27	>DNMT3A-R; LFFEFYHL	15	12
>DNMT3A-R; LFFEFYRLL	40	>DNMT3A-R; LFFEFYHLL	13	27
>DNMT3A-R; LFFEFYRLLH	360	>DNMT3A-R; LFFEFYHLLH	806	446
>DNMT3A-R; LFFEFYRLLH	234	>DNMT3A-R; LFFEFYHLLH	139	95
>DNMT3A-R; LFFEFYRL	485	>DNMT3A-R; LFFEFYHL	252	233
>DNMT3A-R; LFFEFYRLL	713	>DNMT3A-R; LFFEFYHLL	355	358
>DNMT3A-R; LFFEFYRL	298	>DNMT3A-R; LFFEFYHL	266	32
>DNMT3A-R; LFFEFYRLL	106	>DNMT3A-R; LFFEFYHLL	59	47
>DNMT3A-R; RLFFEFYRL	16	>DNMT3A-R; RLFFEFYHL	16	0
>DNMT3A-R; RLFFEFYRLL	152	>DNMT3A-R; RLFFEFYHLL	69	83
>DNMT3A-R; RLFFEFYRL	4	>DNMT3A-R; RLFFEFYHL	3	1
>DNMT3A-R; RLFFEFYRLL	46	>DNMT3A-R; RLFFEFYHLL	21	25
>DNMT3A-R; RLFFEFYRL	46	>DNMT3A-R; RLFFEFYHL	35	11
>DNMT3A-R; RLFFEFYRLL	166	>DNMT3A-R; RLFFEFYHLL	118	48
>DNMT3A-R; RLFFEFYRL	95	>DNMT3A-R; RLFFEFYHL	18	77
>DNMT3A-R; RLFFEFYRLL	662	>DNMT3A-R; RLFFEFYHLL	309	353
>DNMT3A-R; RLFFEFYRL	4	>DNMT3A-R; RLFFEFYHL	6	2
>DNMT3A-R; RLFFEFYRLL	8	>DNMT3A-R; RLFFEFYHLL	4	4
>DNMT3A-R; RLFFEFYRL	13	>DNMT3A-R; RLFFEFYHL	6	7
>DNMT3A-R; RLFFEFYRLL	108	>DNMT3A-R; RLFFEFYHLL	11	97
>DNMT3A-R; RLFFEFYRL	43	>DNMT3A-R; RLFFEFYHL	17	26
>DNMT3A-R; RLFFEFYRLL	121	>DNMT3A-R; RLFFEFYHLL	16	105
>DNMT3A-R; RLFFEFYRL	96	>DNMT3A-R; RLFFEFYHL	126	30
>DNMT3A-R; RLFFEFYRLL	1008	>DNMT3A-R; RLFFEFYHLL	85	923
>DNMT3A-R; RLFFEFYRL	8	>DNMT3A-R; RLFFEFYHL	11	3
>DNMT3A-R; RLFFEFYRLL	24	>DNMT3A-R; RLFFEFYHLL	6	18
>DNMT3A-R; RLFFEFYR	47	>DNMT3A-R; RLFFEFYH	91	44
>DNMT3A-R; RLFFEFYRLLH	63	>DNMT3A-R; RLFFEFYHLLH	68	5

>DNMT3A-R:RLFFEFYR	25	>DNMT3A-R:RLFFEFYH	153	128
>DNMT3A-R:RLFFEFYRLLH	246	>DNMT3A-R:RLFFEFYHLLH	256	10
>DNMT3A-R:RLFFEFYRL	91	>DNMT3A-R:RLFFEFYHL	63	28
>DNMT3A-R:RLFFEFYRLLH	312	>DNMT3A-R:RLFFEFYHLLH	128	184
>DNMT3A-R:RLFFEFYR	6	>DNMT3A-R:RLFFEFYH	88	82
>DNMT3A-R:RLFFEFYRL	832	>DNMT3A-R:RLFFEFYHL	283	549
>DNMT3A-R:RLFFEFYRLLH	357	>DNMT3A-R:RLFFEFYHLLH	324	33
>DNMT3A-R:RLFFEFYRL	10	>DNMT3A-R:RLFFEFYHL	17	7
>DNMT3A-R:RLFFEFYRLL	26	>DNMT3A-R:RLFFEFYHLL	22	4
>DNMT3A-R:RLFFEFYR	83	>DNMT3A-R:RLFFEFYH	14691	14608
>DNMT3A-R:RLFFEFYR	21	>DNMT3A-R:RLFFEFYH	3913	3892
>DNMT3A-R:RLFFEFYRLLH	638	>DNMT3A-R:RLFFEFYHLLH	178	460
>DNMT3A-R:RLFFEFYRL	510	>DNMT3A-R:RLFFEFYHL	350	160
>DNMT3A-R:RLFFEFYRL	594	>DNMT3A-R:RLFFEFYHL	104	490
>DNMT3A-R:RLFFEFYRL	316	>DNMT3A-R:RLFFEFYHL	78	238
>DNMT3A-R:RLFFEFYRLL	204	>DNMT3A-R:RLFFEFYHLL	143	61
>DNMT3A-R:RLFFEFYR	12	>DNMT3A-R:RLFFEFYH	637	625
>DNMT3A-R:RLFFEFYRL	583	>DNMT3A-R:RLFFEFYHL	268	315
>DNMT3A-R:GRLFFEFYR	137	>DNMT3A-R:GRLFFEFYH	353	216
>DNMT3A-R:GRLFFEFYRL	25	>DNMT3A-R:GRLFFEFYHL	22	3
>DNMT3A-R:GRLFFEFYRLL	53	>DNMT3A-R:GRLFFEFYHLL	35	18
>DNMT3A-R:GRLFFEFYRLL	55	>DNMT3A-R:GRLFFEFYHLL	59	4
>DNMT3A-R:GRLFFEFYRL	522	>DNMT3A-R:GRLFFEFYHL	336	186
>DNMT3A-R:GRLFFEFYRLL	6	>DNMT3A-R:GRLFFEFYHLL	7	1
>DNMT3A-R:GRLFFEFYR	84	>DNMT3A-R:GRLFFEFYH	23085	23001
>DNMT3A-R:TGRLFFEFYR	23	>DNMT3A-R:TGRLFFEFYH	1789	1766
>DNMT3A-R:TGRLFFEFYR	94	>DNMT3A-R:TGRLFFEFYH	3601	3507
>DNMT3A-R:TGRLFFEFYR	54	>DNMT3A-R:TGRLFFEFYH	15235	15181
>DNMT3A-R:RYFWGNLPG	19	>DNMT3A-R:HYFWGNLPG	51	32
>DNMT3A-R:RYFWGNLPG	487	>DNMT3A-R:HYFWGNLPG	1504	1017
>DNMT3A-R:RYFWGNLPG	178	>DNMT3A-R:HYFWGNLPG	756	578
>DNMT3A-R:RYFWGNLPG	149	>DNMT3A-R:HYFWGNLPG	616	467
>DNMT3A-R:RYFWGNLPG	369	>DNMT3A-R:HYFWGNLPG	3122	2753
>DNMT3A-R:RYFWGNLPG	90	>DNMT3A-R:HYFWGNLPG	121	31
>DNMT3A-R:RYFWGNLP	85	>DNMT3A-R:HYFWGNLP	198	113
>DNMT3A-R:RYFWGNLPG	80	>DNMT3A-R:HYFWGNLPG	183	103
>DNMT3A-R:RYFWGNLPG	79	>DNMT3A-R:HYFWGNLPG	284	205
>DNMT3A-R:RYFWGNLPG	164	>DNMT3A-R:HYFWGNLPG	441	277
>DNMT3A-R:ARYFWGNL	785	>DNMT3A-R:AHYFWGNL	170	615
>DNMT3A-R:ARYFWGNLP	252	>DNMT3A-R:AHYFWGNLP	75	177
>DNMT3A-R:ARYFWGNL	310	>DNMT3A-R:AHYFWGNL	669	359
>DNMT3A-R:ARYFWGNLP	226	>DNMT3A-R:AHYFWGNLP	366	140
>DNMT3A-R:ARYFWGNL	61	>DNMT3A-R:AHYFWGNL	13862	13801

>DNMT3A-R:ARYFWGNLP	41	>DNMT3A-R:AHYFWGNLP	10952	10911
>DNMT3A-R:ARYFWGNLP	488	>DNMT3A-R:AHYFWGNLP	11486	10998
>DNMT3A-R:ARYFWGNLP	255	>DNMT3A-R:AHYFWGNLP	11301	11046
>DNMT3A-R:ARYFWGNLP	29	>DNMT3A-R:AHYFWGNLP	4385	4356
>DNMT3A-R:RARYFWGNL	117	>DNMT3A-R:RAHYFWGNL	43	74
>DNMT3A-R:RARYFWGN	151	>DNMT3A-R:RAHYFWGN	1473	1322
>DNMT3A-R:RARYFWGNL	5	>DNMT3A-R:RAHYFWGNL	13	8
>DNMT3A-R:RARYFWGNL	32	>DNMT3A-R:RAHYFWGNL	283	251
>DNMT3A-R:RARYFWGNL	6	>DNMT3A-R:RAHYFWGNL	23	17
>DNMT3A-R:RARYFWGNL	143	>DNMT3A-R:RAHYFWGNL	2025	1882
>DNMT3A-R:RARYFWGNL	14	>DNMT3A-R:RAHYFWGNL	46	32
>DNMT3A-R:RARYFWGNL	280	>DNMT3A-R:RAHYFWGNL	1852	1572
>DNMT3A-R:RARYFWGNL	453	>DNMT3A-R:RAHYFWGNL	1359	906
>DNMT3A-R:RARYFWGNL	274	>DNMT3A-R:RAHYFWGNL	113	161
>DNMT3A-R:HRARYFWGN	173	>DNMT3A-R:HRAHYFWGN	287	114
>DNMT3A-R:HRARYFWGN	13	>DNMT3A-R:HRAHYFWGN	13	0
>DNMT3A-R:HRARYFWGN	243	>DNMT3A-R:HRAHYFWGN	154	89
>DNMT3A-R:HRARYFWGN	182	>DNMT3A-R:HRAHYFWGN	789	607
>DNMT3A-R:HRARYFWGN	71	>DNMT3A-R:HRAHYFWGN	158	87
>DNMT3A-R:AHRARYFW	151	>DNMT3A-R:AHRAHYFW	56	95
>DNMT3A-R:AAHRARYF	869	>DNMT3A-R:AAHRAHYF	166	703
>DNMT3A-R:AAHRARYF	523	>DNMT3A-R:AAHRAHYF	388	135
>DNMT3A-R:AAHRARYFW	277	>DNMT3A-R:AAHRAHYFW	185	92
>DNMT3A-R:AAHRARYFW	182	>DNMT3A-R:AAHRAHYFW	168	14
>DNMT3A-R:AAHRARYF	62	>DNMT3A-R:AAHRAHYF	53	9
>DNMT3A-R:AAHRARYF	59	>DNMT3A-R:AAHRAHYF	20	39
>DNMT3A-R:AAHRARYFW	219	>DNMT3A-R:AAHRAHYFW	52	167
>DNMT3A-R:AAHRARYF	618	>DNMT3A-R:AAHRAHYF	328	290
>DNMT3A-R:AAHRARYFW	41	>DNMT3A-R:AAHRAHYFW	35	6
>DNMT3A-R:AAHRARYF	3977	>DNMT3A-R:AAHRAHYF	353	3624
>DNMT3A-R:AAHRARYFW	57	>DNMT3A-R:AAHRAHYFW	32	25
>DNMT3A-R:SAHRARY	452	>DNMT3A-R:SAHRAHY	187	265
>DNMT3A-R:SAHRARY	109	>DNMT3A-R:SAHRAHY	57	52
>DNMT3A-R:SAHRARY	1439	>DNMT3A-R:SAHRAHY	409	1030
>DNMT3A-R:SAHRARY	512	>DNMT3A-R:SAHRAHY	135	377
>DNMT3A-R:SAHRARYF	182	>DNMT3A-R:SAHRAHYF	137	45
>DNMT3A-R:SAHRARY	29	>DNMT3A-R:SAHRAHY	41	12
>DNMT3A-R:SAHRARYF	18	>DNMT3A-R:SAHRAHYF	11	7
>DNMT3A-R:SAHRARYFV	133	>DNMT3A-R:SAHRAHYFV	56	77
>DNMT3A-R:SAHRARYFV	48	>DNMT3A-R:SAHRAHYFV	42	6
>DNMT3A-R:SAHRARYF	5070	>DNMT3A-R:SAHRAHYF	66	5004
>DNMT3A-R:SAHRARYFV	48	>DNMT3A-R:SAHRAHYFV	17	31
>DNMT3A-R:SAHRARYF	501	>DNMT3A-R:SAHRAHYF	430	71

>DNMT3A-R;VSAHRARY	199	>DNMT3A-R;VSAHRAHY	344	145
>DNMT3A-R;VSAHRARY	110	>DNMT3A-R;VSAHRAHY	45	65
>DNMT3A-R;VSAHRARYF	1316	>DNMT3A-R;VSAHRAHYI	457	859
>DNMT3A-R;VSAHRARY	207	>DNMT3A-R;VSAHRAHY	129	78
>DNMT3A-R;VSAHRARY	24	>DNMT3A-R;VSAHRAHY	21	3
>DNMT3A-R;VSAHRAR	52	>DNMT3A-R;VSAHRAH	9835	9783
>DNMT3A-R;VSAHRAR	182	>DNMT3A-R;VSAHRAH	18723	18541
>DNMT3A-R;VSAHRARY	151	>DNMT3A-R;VSAHRAHY	49	102
>DNMT3A-R;VSAHRARYF	346	>DNMT3A-R;VSAHRAHYI	214	132
>DNMT3A-R;VSAHRARY	724	>DNMT3A-R;VSAHRAHY	216	508
>DNMT3A-R;VSAHRARYF	98	>DNMT3A-R;VSAHRAHYI	68	30
>DNMT3A-R;VSAHRARY	5	>DNMT3A-R;VSAHRAHY	7	2
>DNMT3A-R;VSAHRARYF	6	>DNMT3A-R;VSAHRAHYI	5	1
>DNMT3A-R;VSAHRARYF	20	>DNMT3A-R;VSAHRAHYI	13	7
>DNMT3A-R;VSAHRARYF	266	>DNMT3A-R;VSAHRAHYI	182	84
>DNMT3A-R;VSAHRARYF	44	>DNMT3A-R;VSAHRAHYI	41	3
>DNMT3A-R;VSAHRARY	115	>DNMT3A-R;VSAHRAHY	43	72
>DNMT3A-R;VSAHRARYF	80	>DNMT3A-R;VSAHRAHYI	16	64
>DNMT3A-R;VSAHRARYF	10	>DNMT3A-R;VSAHRAHYI	9	1
>DNMT3A-R;VSAHRARYF	112	>DNMT3A-R;VSAHRAHYI	35	77
>DNMT3A-R;VSAHRARYF	262	>DNMT3A-R;VSAHRAHYI	109	153
>DNMT3A-R;VSAHRARY	167	>DNMT3A-R;VSAHRAHY	977	810
>DNMT3A-R;VSAHRARYF	120	>DNMT3A-R;VSAHRAHYI	277	157
>DNMT3A-R;VSAHRARYF	152	>DNMT3A-R;VSAHRAHYI	129	23
>DNMT3A-R;VSAHRARY	459	>DNMT3A-R;VSAHRAHY	928	469
>DNMT3A-R;EVSAHRARY	837	>DNMT3A-R;EVSAHRAH)	241	596
>DNMT3A-R;EVSAHRARY	256	>DNMT3A-R;EVSAHRAH)	416	160
>DNMT3A-R;EVSAHRARY	407	>DNMT3A-R;EVSAHRAH)	416	9
>DNMT3A-R;EVSAHRARY	426	>DNMT3A-R;EVSAHRAH)	408	18
>DNMT3A-R;EVSAHRARY	9	>DNMT3A-R;EVSAHRAH)	6	3
>DNMT3A-R;EVSAHRARY	58	>DNMT3A-R;EVSAHRAH)	26	32
>DNMT3A-R;EVSAHRARY	402	>DNMT3A-R;EVSAHRAH)	430	28
>DNMT3A-R;EVSAHRAR	124	>DNMT3A-R;EVSAHRAH	24943	24819
>DNMT3A-R;EVSAHRAR	6	>DNMT3A-R;EVSAHRAH	2641	2635
>DNMT3A-R;EVSAHRARY	225	>DNMT3A-R;EVSAHRAH)	240	15
>DNMT3A-R;EVSAHRARY	2100	>DNMT3A-R;EVSAHRAH)	420	1680
>DNMT3A-R;EVSAHRARY	512	>DNMT3A-R;EVSAHRAH)	137	375
>DNMT3A-R;KEVSAHRAF	242	>DNMT3A-R;KEVSAHRAF	212	30
>DNMT3A-R;KEVSAHRAF	494	>DNMT3A-R;KEVSAHRAF	17321	16827
>DNMT3A-R;KEVSAHRAF	861	>DNMT3A-R;KEVSAHRAF	214	647
>DNMT3A-R;KEVSAHRAF	617	>DNMT3A-R;KEVSAHRAF	195	422
>DNMT3A-R;KEVSAHRAF	246	>DNMT3A-R;KEVSAHRAF	153	93
>DNMT3A-R;KEVSAHRAF	861	>DNMT3A-R;KEVSAHRAF	323	538

>DNMT3A-R:KEVSAAHRAF	132	>DNMT3A-R:KEVSAAHRAF	128	4
>DNMT3A-R:KEVSAAHRAF	214	>DNMT3A-R:KEVSAAHRAF	22560	22346
>DNMT3A-R:RPLASTVNDK	29	>DNMT3A-R:SPLASTVNDK	19	10
>DNMT3A-R:RPLASTVNDK	59	>DNMT3A-R:SPLASTVNDK	210	151
>DNMT3A-R:RPLASTVNDK	741	>DNMT3A-R:SPLASTVNDK	435	306
>DNMT3A-R:NRPLASTV	8486	>DNMT3A-R:NSPLASTV	103	8383
>DNMT3A-R:NRPLASTV	31105	>DNMT3A-R:NSPLASTV	351	30754
>DNMT3A-R:YFWGNLPGM	42	>DNMT3A-R:YFWGNLPGM	18117	18075
>DNMT3A-R:YFWGNLPGM	49	>DNMT3A-R:YFWGNLPGM	20099	20050
>DNMT3A-R:YFWGNLPGM	466	>DNMT3A-R:YFWGNLPGM	36487	36021
>DNMT3A-R:YFWGNLPGM	27	>DNMT3A-R:YFWGNLPGM	8005	7978
>DNMT3A-R:MNRPLASTV	346	>DNMT3A-R:MNSPLASTV	12994	12648
>DNMT3A-R:MNRPLASTV	4649	>DNMT3A-R:MNSPLASTV	73	4576
>DNMT3A-R:MNRPLASTV	22	>DNMT3A-R:MNSPLASTV	71	49
>DNMT3A-R:GMNRPLAST	147	>DNMT3A-R:GMNSPLAST	33	114
>DNMT3A-R:GMNRPLAST	54	>DNMT3A-R:GMNSPLAST	17	37
>DNMT3A-R:GMNRPLAST	35	>DNMT3A-R:GMNSPLAST	22	13
>DNMT3A-R:GMNRPLAST	90	>DNMT3A-R:GMNSPLAST	48	42
>DNMT3A-R:GMNRPLAST	3	>DNMT3A-R:GMNSPLAST	2	1
>DNMT3A-R:GMNRPLAST	675	>DNMT3A-R:GMNSPLAST	467	208
>DNMT3A-R:GMNRPLAST	3	>DNMT3A-R:GMNSPLAST	3	0
>DNMT3A-R:GMNRPLAST	9	>DNMT3A-R:GMNSPLAST	7	2
>DNMT3A-R:GMNRPLAST	17	>DNMT3A-R:GMNSPLAST	8	9
>DNMT3A-R:GMNRPLAST	149	>DNMT3A-R:GMNSPLAST	135	14
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>DNMT3A-R:LPGMNRPL	16	>DNMT3A-R:LPGMNSPL	25	9
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>DNMT3A-R:LPGMNRPLA	33	>DNMT3A-R:LPGMNSPLA	27	6
>DNMT3A-R:NLPGMNRPL	357	>DNMT3A-R:NLPGMNSPL	40	317
>DNMT3A-R:NLPGMNRPL	567	>DNMT3A-R:NLPGMNSPL	61	506
>DNMT3A-R:NLPGMNRPL	1059	>DNMT3A-R:NLPGMNSPL	411	648
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>DNMT3A-R:NLPGMNRPL	155	>DNMT3A-R:NLPGMNSPL	57	98
>DNMT3A-R:NLPGMNRPL	2294	>DNMT3A-R:NLPGMNSPL	287	2007
>DNMT3A-R:FWGNLPGMI	38	>DNMT3A-R:FWGNLPGMI	11205	11167
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>DNMT3A-R:RLARQRL	158	>DNMT3A-R:CLARQRL	738	580
>DNMT3A-R:RLARQRL	404	>DNMT3A-R:CLARQRL	2840	2436
>DNMT3A-R:RLARQRL	31	>DNMT3A-R:CLARQRL	83	52
>DNMT3A-R:RLARQRLGR	160	>DNMT3A-R:CLARQRLGR	1005	845
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>DNMT3A-R{YTDVSNMSR	285	>DNMT3A-R{YTDVSNMSC	36933	36648
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>DNMT3A-R{NMSRLARQR	126	>DNMT3A-R{NMSPLARQR	48	78
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>DNMT3A-R{RLARQRL	31	>DNMT3A-R{SLARQRL	14	17
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>DNMT3A-R{RLARQRL GR	33	>DNMT3A-R{SLARQRL GR	109	76
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>DNMT3A-R{SNMSRLARQ	72	>DNMT3A-R{SNMSSLARQ	287	215
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>DNMT3A-R{YTDVSNMSR	1357	>DNMT3A-R{YTDVSNMSSI	298	1059
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>EGFR-A104{SATSNNSTVA	12767	>EGFR-A104{SATSNNSTVV	216	12551
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>EGFR-A289I ATCVKKCPRN	447	>EGFR-A289I DTCVKKCPRN	50	397
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>EGFR-A289I ATCVKKCPR	165	>EGFR-A289I DTCVKKCPR	11	154
>EGFR-A289I ATCVKKCPR	494	>EGFR-A289I DTCVKKCPR	35	459
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>EGFR-A289I GATCVKKCPF	150	>EGFR-A289I GDTCVKKCPF	2227	2077
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>EGFR-A289I FGATCVKKCF	466	>EGFR-A289I FGDTCVKKCF	5179	4713
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>EGFR-A289I SFGATCVK	395	>EGFR-A289I SFGDTCVK	431	36
>EGFR-A289I YSFGATCV	188	>EGFR-A289I YSFGDTCV	248	60
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>EGFR-A289I YSFGATCV	80	>EGFR-A289I YSFGDTCV	97	17
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>EGFR-A289I YSFGATCVKK	66	>EGFR-A289I YSFGDTCVKK	329	263
>EGFR-A289I YSFGATCVK	24	>EGFR-A289I YSFGDTCVK	45	21
>EGFR-A289I YSFGATCVKK	18	>EGFR-A289I YSFGDTCVKK	28	10
>EGFR-A289I YSFGATCVK	41	>EGFR-A289I YSFGDTCVK	934	893
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>EGFR-A289I YSFGATCVK	7	>EGFR-A289I YSFGDTCVK	12	5
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>EGFR-A289I YSFGATCV	33	>EGFR-A289I YSFGDTCV	55	22
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>EGFR-A289I YSFGATCV	205	>EGFR-A289I YSFGDTCV	771	566
>EGFR-A289I YSFGATCV	245	>EGFR-A289I YSFGDTCV	1345	1100
>EGFR-A289I YSFGATCVKK	537	>EGFR-A289I YSFGDTCVKK	379	158
>EGFR-A289I KYSFGATCV	218	>EGFR-A289I KYSFGDTCV	449	231
>EGFR-A289I KYSFGATCVK	322	>EGFR-A289I KYSFGDTCVK	2002	1680
>EGFR-A289I KYSFGATCVK	19	>EGFR-A289I KYSFGDTCVK	54	35
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>EGFR-A289I KYSFGATCVK	366	>EGFR-A289I KYSFGDTCVK	1151	785
>EGFR-A289I KYSFGATCVK	401	>EGFR-A289I KYSFGDTCVK	414	13
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>EGFR-A289I KYSFGATCVK	107	>EGFR-A289I KYSFGDTCVK	126	19
>EGFR-A289I KYSFGATCVK	190	>EGFR-A289I KYSFGDTCVK	181	9

>EGFR-A289I KYSFGATC	221	>EGFR-A289I KYSFGDTC	126	95
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>EGFR-A289I GKYSFGATCV	25	>EGFR-A289I GKYSFGDTCV	72	47
>EGFR-A289I GKYSFGATCV	123	>EGFR-A289I GKYSFGDTCV	226	103
>EGFR-A289I PEGKYSFGA	121	>EGFR-A289I PEGKYSFGD	10447	10326
>EGFR-A289I NPEGKYSFGA	254	>EGFR-A289I NPEGKYSFGC	11591	11337
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>EGFR-A289I GATCVKKCPF	150	>EGFR-A289I GTTCVKKCPR	62	88
>EGFR-A289I GATCVKKCPF	293	>EGFR-A289I GTTCVKKCPR	109	184
>EGFR-A289I FGATCVKKCP	466	>EGFR-A289I FGTTCVKKCP	1015	549
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>EGFR-A289I SFGATCVK	395	>EGFR-A289I SFGTTCVK	366	29
>EGFR-A289I YSFGATCV	188	>EGFR-A289I YSFGTTCV	126	62
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>EGFR-A289I YSFGATCVKK	66	>EGFR-A289I YSFGTTCVKK	89	23
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>EGFR-A289I YSFGATCV	245	>EGFR-A289I YSFGTTCV	112	133
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>EGFR-A289\KYSFGATCVK	45	>EGFR-A289\KYSFGTTCVK	31	14
>EGFR-A289\KYSFGATCVK	366	>EGFR-A289\KYSFGTTCVK	261	105
>EGFR-A289\KYSFGATCVK	401	>EGFR-A289\KYSFGTTCVK	232	169
>EGFR-A289\KYSFGATCVK	471	>EGFR-A289\KYSFGTTCVK	1634	1163
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>EGFR-A289\KYSFGATC	221	>EGFR-A289\KYSFGTTC	222	1
>EGFR-A289\KYSFGATCV	369	>EGFR-A289\KYSFGTTCV	399	30
>EGFR-A289\GKYSFGATC	274	>EGFR-A289\GKYSFGTTC	142	132
>EGFR-A289\GKYSFGATCV	25	>EGFR-A289\GKYSFGTTCV	18	7
>EGFR-A289\GKYSFGATCV	123	>EGFR-A289\GKYSFGTTCV	79	44
>EGFR-A289\PEGKYSFGA	121	>EGFR-A289\PEGKYSFGT	827	706
>EGFR-A289\NPEGKYSFGA	254	>EGFR-A289\NPEGKYSFGT	7698	7444
>EGFR-A289\ATCVKKCPR	430	>EGFR-A289\VTCVKKCPR	972	542
>EGFR-A289\ATCVKKCPRM	447	>EGFR-A289\VTCVKKCPRM	483	36
>EGFR-A289\ATCVKKCPRM	496	>EGFR-A289\VTCVKKCPRM	311	185
>EGFR-A289\ATCVKKCPR	10	>EGFR-A289\VTCVKKCPR	13	3
>EGFR-A289\ATCVKKCPR	165	>EGFR-A289\VTCVKKCPR	60	105
>EGFR-A289\ATCVKKCPR	494	>EGFR-A289\VTCVKKCPR	329	165
>EGFR-A289\ATCVKKCPRM	12	>EGFR-A289\VTCVKKCPRM	16	4
>EGFR-A289\GATCVKKCPF	150	>EGFR-A289\GVTCVKKCPF	69	81
>EGFR-A289\GATCVKKCPF	293	>EGFR-A289\GVTCVKKCPF	170	123
>EGFR-A289\FGATCVKKCP	466	>EGFR-A289\FGVTCVKKCP	943	477
>EGFR-A289\FGATCVKKCP	91	>EGFR-A289\FGVTCVKKCP	68	23
>EGFR-A289\SFGATCVK	395	>EGFR-A289\SFGVTCVK	1398	1003
>EGFR-A289\YSFGATCV	188	>EGFR-A289\YSFGVTCV	58	130
>EGFR-A289\YSFGATCV	109	>EGFR-A289\YSFGVTCV	64	45
>EGFR-A289\YSFGATCV	780	>EGFR-A289\YSFGVTCV	278	502
>EGFR-A289\YSFGATCV	49	>EGFR-A289\YSFGVTCV	37	12
>EGFR-A289\YSFGATCV	100	>EGFR-A289\YSFGVTCV	22	78
>EGFR-A289\YSFGATCV	80	>EGFR-A289\YSFGVTCV	36	44
>EGFR-A289\YSFGATCV	86	>EGFR-A289\YSFGVTCV	71	15
>EGFR-A289\YSFGATCVK	260	>EGFR-A289\YSFGVTCVK	135	125
>EGFR-A289\YSFGATCVKK	66	>EGFR-A289\YSFGVTCVKK	70	4
>EGFR-A289\YSFGATCVK	24	>EGFR-A289\YSFGVTCVK	14	10
>EGFR-A289\YSFGATCVKK	18	>EGFR-A289\YSFGVTCVKK	25	7
>EGFR-A289\YSFGATCVK	41	>EGFR-A289\YSFGVTCVK	166	125
>EGFR-A289\YSFGATCVKK	190	>EGFR-A289\YSFGVTCVKK	491	301
>EGFR-A289\YSFGATCVK	7	>EGFR-A289\YSFGVTCVK	4	3
>EGFR-A289\YSFGATCVKK	7	>EGFR-A289\YSFGVTCVKK	6	1
>EGFR-A289\YSFGATCV	33	>EGFR-A289\YSFGVTCV	20	13



>EGFR-A289\YSGFATCV	258	>EGFR-A289\YSGVTCV	371	113
>EGFR-A289\YSGFATCV	307	>EGFR-A289\YSGVTCV	329	22
>EGFR-A289\YSGFATCV	205	>EGFR-A289\YSGVTCV	582	377
>EGFR-A289\YSGFATCV	245	>EGFR-A289\YSGVTCV	288	43
>EGFR-A289\KYSFGATCV	218	>EGFR-A289\KYSFGVTCV	174	44
>EGFR-A289\KYSFGATCVK	322	>EGFR-A289\KYSFGVTCVK	318	4
>EGFR-A289\KYSFGATCVK	19	>EGFR-A289\KYSFGVTCVK	20	1
>EGFR-A289\KYSFGATCVK	45	>EGFR-A289\KYSFGVTCVK	41	4
>EGFR-A289\KYSFGATCVK	366	>EGFR-A289\KYSFGVTCVK	187	179
>EGFR-A289\KYSFGATCVK	401	>EGFR-A289\KYSFGVTCVK	251	150
>EGFR-A289\KYSFGATCVK	471	>EGFR-A289\KYSFGVTCVK	1366	895
>EGFR-A289\KYSFGATCVK	107	>EGFR-A289\KYSFGVTCVK	98	9
>EGFR-A289\KYSFGATCVK	190	>EGFR-A289\KYSFGVTCVK	199	9
>EGFR-A289\KYSFGATC	221	>EGFR-A289\KYSFGVTC	173	48
>EGFR-A289\KYSFGATCV	369	>EGFR-A289\KYSFGVTCV	290	79
>EGFR-A289\GKYSFGATC	274	>EGFR-A289\GKYSFGVTC	118	156
>EGFR-A289\GKYSFGATCV	25	>EGFR-A289\GKYSFGVTCV	16	9
>EGFR-A289\GKYSFGATCV	123	>EGFR-A289\GKYSFGVTCV	111	12
>EGFR-A289\EGKYSFGA	5031	>EGFR-A289\EGKYSFGV	457	4574
>EGFR-A289\PEGKYSFGA	121	>EGFR-A289\PEGKYSFGV	590	469
>EGFR-A289\PEGKYSFGA	8019	>EGFR-A289\PEGKYSFGV	338	7681
>EGFR-A289\NPEGKYSFGA	3197	>EGFR-A289\NPEGKYSFGV	383	2814
>EGFR-A289\NPEGKYSFGA	254	>EGFR-A289\NPEGKYSFGV	610	356
>EGFR-A597\DGPHCVKTCI	234	>EGFR-A597\DGPHCVKTCI	302	68
>EGFR-A597\CPAGVMGEN	289	>EGFR-A597\CPPGVMGEN	1211	922
>EGFR-A597\KTCPAGVM	7	>EGFR-A597\KTCPPGVM	9	2
>EGFR-A597\KTCPAGVMG	643	>EGFR-A597\KTCPPGVMG	423	220
>EGFR-A597\KTCPAGVM	497	>EGFR-A597\KTCPPGVM	698	201
>EGFR-A597\KTCPAGVM	441	>EGFR-A597\KTCPPGVM	419	22
>EGFR-A597\KTCPAGVM	56	>EGFR-A597\KTCPPGVM	52	4
>EGFR-A597\VKTCPAGVM	271	>EGFR-A597\VKTCPPGVM	183	88
>EGFR-A597\VKTCPAGVM	350	>EGFR-A597\VKTCPPGVM	1118	768
>EGFR-A597\CVKTCPAGV	70	>EGFR-A597\CVKTCPPGV	323	253
>EGFR-A597\CVKTCPAGV	128	>EGFR-A597\CVKTCPPGV	2945	2817
>EGFR-A597\CVKTCPAGV\	2102	>EGFR-A597\CVKTCPPGV\	484	1618
>EGFR-A597\HCVKTCPAG\	596	>EGFR-A597\HCVKTCPPG\	285	311
>EGFR-A597\HCVKTCPAG\	165	>EGFR-A597\HCVKTCPPG\	338	173
>EGFR-A597\GPHCVKTCP\	364	>EGFR-A597\GPHCVKTCPF	14502	14138
>EGFR-A597\DGPHCVKTCI	234	>EGFR-A597\DGPHCVKTCI	350	116
>EGFR-A597\CPAGVMGEN	289	>EGFR-A597\CPTGVMGEN	333	44
>EGFR-A597\KTCPAGVM	610	>EGFR-A597\KTCPTGVM	430	180
>EGFR-A597\KTCPAGVM	546	>EGFR-A597\KTCPTGVM	454	92
>EGFR-A597\KTCPAGVM	7	>EGFR-A597\KTCPTGVM	9	2

>EGFR-A597KTCPCAGVM	497	>EGFR-A597KTCPTGVM	227	270
>EGFR-A597KTCPCAGVM	441	>EGFR-A597KTCPTGVM	201	240
>EGFR-A597KTCPCAGVM	56	>EGFR-A597KTCPTGVM	48	8
>EGFR-A597VKTCPCAGVM	271	>EGFR-A597VKTCPTGVM	211	60
>EGFR-A597VKTCPCAGVM	350	>EGFR-A597VKTCPTGVM	932	582
>EGFR-A597CVKTCPCAGV	70	>EGFR-A597CVKTCPTGV	63	7
>EGFR-A597CVKTCPCAGV	128	>EGFR-A597CVKTCPTGV	349	221
>EGFR-A597HCVKTCPCAGV	165	>EGFR-A597HCVKTCPTGV	204	39
>EGFR-A597GPHCVKTCPCAGV	364	>EGFR-A597GPHCVKTCPTGV	10024	9660
>EGFR-A698APNQALLRI	22	>EGFR-A698TPNQALLRI	28	6
>EGFR-A698APNQALLRIL	329	>EGFR-A698TPNQALLRIL	406	77
>EGFR-A698APNQALLRI	145	>EGFR-A698TPNQALLRI	1299	1154
>EGFR-A698APNQALLRIL	109	>EGFR-A698TPNQALLRIL	85	24
>EGFR-A698APNQALLRI	386	>EGFR-A698TPNQALLRI	207	179
>EGFR-A698APNQALLRIL	293	>EGFR-A698TPNQALLRIL	1174	881
>EGFR-A698EAPNQALL	6362	>EGFR-A698ETPNQALL	301	6061
>EGFR-A698EAPNQALL	11510	>EGFR-A698ETPNQALL	345	11165
>EGFR-A698EAPNQALLRII	8649	>EGFR-A698ETPNQALLRII	239	8410
>EGFR-A698EAPNQALLRII	10454	>EGFR-A698ETPNQALLRII	456	9998
>EGFR-A698EAPNQALLR	26	>EGFR-A698ETPNQALLR	9	17
>EGFR-A698EAPNQALL	173	>EGFR-A698ETPNQALL	27	146
>EGFR-A698EAPNQALLRI	1836	>EGFR-A698ETPNQALLRI	217	1619
>EGFR-A698EAPNQALLRI	2035	>EGFR-A698ETPNQALLRI	391	1644
>EGFR-A698EAPNQALL	1773	>EGFR-A698ETPNQALL	43	1730
>EGFR-A698EAPNQALLRI	931	>EGFR-A698ETPNQALLRI	56	875
>EGFR-A698EAPNQALLRII	136	>EGFR-A698ETPNQALLRII	11	125
>EGFR-A698EAPNQALLR	592	>EGFR-A698ETPNQALLR	380	212
>EGFR-A698GEAPNQALL	250	>EGFR-A698GETPNQALL	543	293
>EGFR-A698GEAPNQALLF	42	>EGFR-A698GETPNQALLF	72	30
>EGFR-A698GEAPNQAL	22	>EGFR-A698GETPNQAL	16	6
>EGFR-A698GEAPNQALL	54	>EGFR-A698GETPNQALL	45	9
>EGFR-A698GEAPNQALLF	227	>EGFR-A698GETPNQALLF	194	33
>EGFR-A698GEAPNQAL	187	>EGFR-A698GETPNQAL	89	98
>EGFR-A698GEAPNQALL	1140	>EGFR-A698GETPNQALL	493	647
>EGFR-A698GEAPNQALLF	819	>EGFR-A698GETPNQALLF	424	395
>EGFR-A698GEAPNQALL	46	>EGFR-A698GETPNQALL	87	41
>EGFR-A698GEAPNQALLF	7	>EGFR-A698GETPNQALLF	10	3
>EGFR-A698TPSGEAPNQALL	99	>EGFR-A698TPSGETPNQALL	64	35
>EGFR-A698TPSGEAPNQALL	144	>EGFR-A698TPSGETPNQALL	106	38
>EGFR-A698TPSGEAPNQALL	28	>EGFR-A698TPSGETPNQALL	36	8
>EGFR-A698LTPSGEAP	456	>EGFR-A698LTPSGETP	780	324
>EGFR-A698LTPSGEAPNC	326	>EGFR-A698LTPSGETPNQ	568	242
>EGFR-A698LTPSGEAPNC	333	>EGFR-A698LTPSGETPNQ	643	310

>EGFR-A698 <sup>†</sup> PLTPSGEA	247	>EGFR-A698 <sup>†</sup> PLTPSGET	2435	2188
>EGFR-A698 <sup>†</sup> EPLTPSGEA	294	>EGFR-A698 <sup>†</sup> EPLTPSGET	969	675
>EGFR-A698 <sup>†</sup> EPLTPSGEA	192	>EGFR-A698 <sup>†</sup> EPLTPSGET	4471	4279
>EGFR-A702 <sup>‡</sup> ALLRILKET	151	>EGFR-A702 <sup>‡</sup> SLLRILKET	116	35
>EGFR-A702 <sup>‡</sup> ALLRILKET	1293	>EGFR-A702 <sup>‡</sup> SLLRILKET	453	840
>EGFR-A702 <sup>‡</sup> ALLRILKET	90	>EGFR-A702 <sup>‡</sup> SLLRILKET	126	36
>EGFR-A702 <sup>‡</sup> ALLRILKETEF	153	>EGFR-A702 <sup>‡</sup> SLLRILKETEF	220	67
>EGFR-A702 <sup>‡</sup> ALLRILKETEF	58	>EGFR-A702 <sup>‡</sup> SLLRILKETEF	123	65
>EGFR-A702 <sup>‡</sup> QALLRILK	715	>EGFR-A702 <sup>‡</sup> QSLLRILK	246	469
>EGFR-A702 <sup>‡</sup> QALLRILK	62	>EGFR-A702 <sup>‡</sup> QSLLRILK	23	39
>EGFR-A702 <sup>‡</sup> QALLRILK	145	>EGFR-A702 <sup>‡</sup> QSLLRILK	53	92
>EGFR-A702 <sup>‡</sup> QALLRILK	771	>EGFR-A702 <sup>‡</sup> QSLLRILK	211	560
>EGFR-A702 <sup>‡</sup> LTPSGEAPNC	333	>EGFR-A702 <sup>‡</sup> LTPSGEAPNC	469	136
>EGFR-A702 <sup>‡</sup> NQALLRILK	117	>EGFR-A702 <sup>‡</sup> NQSLLRILK	73	44
>EGFR-A702 <sup>‡</sup> NQALLRIL	152	>EGFR-A702 <sup>‡</sup> NQSLLRIL	233	81
>EGFR-A702 <sup>‡</sup> APNQALLRI	22	>EGFR-A702 <sup>‡</sup> APNQSLLRI	438	416
>EGFR-A702 <sup>‡</sup> APNQALLRIL	329	>EGFR-A702 <sup>‡</sup> APNQSLLRIL	2251	1922
>EGFR-A702 <sup>‡</sup> APNQALLRI	145	>EGFR-A702 <sup>‡</sup> APNQSLLRI	114	31
>EGFR-A702 <sup>‡</sup> APNQALLRIL	109	>EGFR-A702 <sup>‡</sup> APNQSLLRIL	112	3
>EGFR-A702 <sup>‡</sup> APNQALLRI	386	>EGFR-A702 <sup>‡</sup> APNQSLLRI	349	37
>EGFR-A702 <sup>‡</sup> APNQALLRIL	293	>EGFR-A702 <sup>‡</sup> APNQSLLRIL	485	192
>EGFR-A702 <sup>‡</sup> EAPNQALLR	26	>EGFR-A702 <sup>‡</sup> EAPNQSLLR	35	9
>EGFR-A702 <sup>‡</sup> EAPNQALL	173	>EGFR-A702 <sup>‡</sup> EAPNQSLL	240	67
>EGFR-A702 <sup>‡</sup> EAPNQALLRII	136	>EGFR-A702 <sup>‡</sup> EAPNQSLLRII	134	2
>EGFR-A702 <sup>‡</sup> GEAPNQALL	250	>EGFR-A702 <sup>‡</sup> GEAPNQSLL	156	94
>EGFR-A702 <sup>‡</sup> GEAPNQALLF	42	>EGFR-A702 <sup>‡</sup> GEAPNQSLLF	40	2
>EGFR-A702 <sup>‡</sup> GEAPNQAL	22	>EGFR-A702 <sup>‡</sup> GEAPNQSL	36	14
>EGFR-A702 <sup>‡</sup> GEAPNQALL	54	>EGFR-A702 <sup>‡</sup> GEAPNQSLL	62	8
>EGFR-A702 <sup>‡</sup> GEAPNQALLF	227	>EGFR-A702 <sup>‡</sup> GEAPNQSLLF	288	61
>EGFR-A702 <sup>‡</sup> GEAPNQAL	187	>EGFR-A702 <sup>‡</sup> GEAPNQSL	149	38
>EGFR-A702 <sup>‡</sup> GEAPNQALL	1140	>EGFR-A702 <sup>‡</sup> GEAPNQSLL	324	816
>EGFR-A702 <sup>‡</sup> GEAPNQALL	46	>EGFR-A702 <sup>‡</sup> GEAPNQSLL	47	1
>EGFR-A702 <sup>‡</sup> GEAPNQALLF	7	>EGFR-A702 <sup>‡</sup> GEAPNQSLLF	7	0
>EGFR-A702 <sup>‡</sup> TPSGEAPNQ/	99	>EGFR-A702 <sup>‡</sup> TPSGEAPNQ/	170	71
>EGFR-A702 <sup>‡</sup> TPSGEAPNQ/	144	>EGFR-A702 <sup>‡</sup> TPSGEAPNQ/	627	483
>EGFR-A702 <sup>‡</sup> TPSGEAPNQ/	28	>EGFR-A702 <sup>‡</sup> TPSGEAPNQ/	61	33
>EGFR-A702 <sup>‡</sup> ALLRILKET	151	>EGFR-A702 <sup>‡</sup> TLLRILKET	813	662
>EGFR-A702 <sup>‡</sup> ALLRILKET	90	>EGFR-A702 <sup>‡</sup> TLLRILKET	636	546
>EGFR-A702 <sup>‡</sup> ALLRILKETEF	153	>EGFR-A702 <sup>‡</sup> TLLRILKETEF	577	424
>EGFR-A702 <sup>‡</sup> ALLRILKETEF	58	>EGFR-A702 <sup>‡</sup> TLLRILKETEF	243	185
>EGFR-A702 <sup>‡</sup> QALLRILK	715	>EGFR-A702 <sup>‡</sup> QTLLRILK	157	558
>EGFR-A702 <sup>‡</sup> QALLRILK	62	>EGFR-A702 <sup>‡</sup> QTLLRILK	21	41
>EGFR-A702 <sup>‡</sup> QALLRILK	145	>EGFR-A702 <sup>‡</sup> QTLLRILK	27	118

>EGFR-A702\QALLRILK	636	>EGFR-A702\QTLLRILK	117	519
>EGFR-A702\QALLRILK	771	>EGFR-A702\QTLLRILK	176	595
>EGFR-A702\LTPSGEAPNC	333	>EGFR-A702\LTPSGEAPNC	678	345
>EGFR-A702\NQALLRILK	117	>EGFR-A702\NQTLLRILK	198	81
>EGFR-A702\NQALLRIL	152	>EGFR-A702\NQTLLRIL	948	796
>EGFR-A702\APNQALLRI	22	>EGFR-A702\APNQTLLRI	1208	1186
>EGFR-A702\APNQALLRIL	329	>EGFR-A702\APNQTLLRIL	4416	4087
>EGFR-A702\APNQALLRI	145	>EGFR-A702\APNQTLLRI	159	14
>EGFR-A702\APNQALLRIL	109	>EGFR-A702\APNQTLLRIL	106	3
>EGFR-A702\APNQALLRI	386	>EGFR-A702\APNQTLLRI	214	172
>EGFR-A702\APNQALLRIL	293	>EGFR-A702\APNQTLLRIL	752	459
>EGFR-A702\EAPNQALLR	26	>EGFR-A702\EAPNQTLLR	21	5
>EGFR-A702\EAPNQALL	173	>EGFR-A702\EAPNQTLL	187	14
>EGFR-A702\EAPNQALLRII	136	>EGFR-A702\EAPNQTLLRII	133	3
>EGFR-A702\EAPNQALLR	592	>EGFR-A702\EAPNQTLLR	217	375
>EGFR-A702\GEAPNQALL	250	>EGFR-A702\GEAPNQTLL	380	130
>EGFR-A702\GEAPNQALLF	42	>EGFR-A702\GEAPNQTLLF	45	3
>EGFR-A702\GEAPNQAL	22	>EGFR-A702\GEAPNQTL	24	2
>EGFR-A702\GEAPNQALL	54	>EGFR-A702\GEAPNQTLL	59	5
>EGFR-A702\GEAPNQALLF	227	>EGFR-A702\GEAPNQTLLF	280	53
>EGFR-A702\GEAPNQAL	187	>EGFR-A702\GEAPNQTL	331	144
>EGFR-A702\GEAPNQALL	1140	>EGFR-A702\GEAPNQTLL	252	888
>EGFR-A702\GEAPNQALL	46	>EGFR-A702\GEAPNQTLL	44	2
>EGFR-A702\GEAPNQALLF	7	>EGFR-A702\GEAPNQTLLF	7	0
>EGFR-A702\TPSGEAPNQ\	99	>EGFR-A702\TPSGEAPNQ\	473	374
>EGFR-A702\TPSGEAPNQ\	144	>EGFR-A702\TPSGEAPNQ\	349	205
>EGFR-A702\TPSGEAPNQ\	28	>EGFR-A702\TPSGEAPNQ\	56	28
>EGFR-A722\AFGTVYKGL	152	>EGFR-A722\VFGTVYKGL	223	71
>EGFR-A722\AFGTVYKGLV	249	>EGFR-A722\VFGTVYKGLV	344	95
>EGFR-A722\GAFGTVYKGL	1115	>EGFR-A722\GVFGTVYKGL	429	686
>EGFR-A722\GAFGTVYKGL	922	>EGFR-A722\GVFGTVYKGL	323	599
>EGFR-A722\GAFGTVYKGL	372	>EGFR-A722\GVFGTVYKGL	76	296
>EGFR-A722\GAFGTVYKGL	2075	>EGFR-A722\GVFGTVYKGL	314	1761
>EGFR-A722\GAFGTVYKGL	2875	>EGFR-A722\GVFGTVYKGL	211	2664
>EGFR-A722\GAFGTVYK	122	>EGFR-A722\GVFGTVYK	45	77
>EGFR-A722\GAFGTVYK	9	>EGFR-A722\GVFGTVYK	7	2
>EGFR-A722\GAFGTVYK	98	>EGFR-A722\GVFGTVYK	29	69
>EGFR-A722\GAFGTVYK	222	>EGFR-A722\GVFGTVYK	93	129
>EGFR-A722\GAFGTVYKGL	2913	>EGFR-A722\GVFGTVYKGL	355	2558
>EGFR-A722\GAFGTVYK	23	>EGFR-A722\GVFGTVYK	16	7
>EGFR-A722\GAFGTVYKGL	158	>EGFR-A722\GVFGTVYKGL	1095	937
>EGFR-A722\GAFGTVYKGL	38	>EGFR-A722\GVFGTVYKGL	183	145
>EGFR-A722\GAFGTVYKGL	456	>EGFR-A722\GVFGTVYKGL	3395	2939

>EGFR-A722\GAFGTVYKGL	46	>EGFR-A722\GVFGTVYKGL	239	193
>EGFR-A722\GAFGTVYKGL	34	>EGFR-A722\GVFGTVYKGL	126	92
>EGFR-A722\GAFGTVYKGL	279	>EGFR-A722\GVFGTVYKGL	142	137
>EGFR-A722\GAFGTVYKGL	33	>EGFR-A722\GVFGTVYKGL	314	281
>EGFR-A722\GAFGTVYK	150	>EGFR-A722\GVFGTVYK	174	24
>EGFR-A722\FKKIKVLGSG\	1311	>EGFR-A722\FKKIKVLGSG\	249	1062
>EGFR-A722\SGAFGTVYK	49	>EGFR-A722\SGVFGTVYK	74	25
>EGFR-A722\SGAFGTVY	87	>EGFR-A722\SGVFGTVY	289	202
>EGFR-A722\SGAFGTVYK	178	>EGFR-A722\SGVFGTVYK	290	112
>EGFR-A722\SGAFGTVY	188	>EGFR-A722\SGVFGTVY	235	47
>EGFR-A722\SGAFGTVY	460	>EGFR-A722\SGVFGTVY	833	373
>EGFR-A722\SGAFGTVYK	342	>EGFR-A722\SGVFGTVYK	461	119
>EGFR-A722\GSGAFGTVYK	46	>EGFR-A722\GSGVFGTVYK	94	48
>EGFR-A722\GSGAFGTVYK	29	>EGFR-A722\GSGVFGTVYK	45	16
>EGFR-A722\GSGAFGTVY	432	>EGFR-A722\GSGVFGTVY	429	3
>EGFR-A722\GSGAFGTVYK	224	>EGFR-A722\GSGVFGTVYK	359	135
>EGFR-A722\GSGAFGTVY	78	>EGFR-A722\GSGVFGTVY	152	74
>EGFR-A722\GSGAFGTVY	349	>EGFR-A722\GSGVFGTVY	536	187
>EGFR-A722\GSGAFGTVY	62	>EGFR-A722\GSGVFGTVY	79	17
>EGFR-A722\GSGAFGTVY	11	>EGFR-A722\GSGVFGTVY	11	0
>EGFR-A722\GSGAFGTVYK	337	>EGFR-A722\GSGVFGTVYK	245	92
>EGFR-A722\LGSGAFGTVY	559	>EGFR-A722\LGSGVFGTVY	314	245
>EGFR-A722\LGSGAFGTVY	125	>EGFR-A722\LGSGVFGTVY	79	46
>EGFR-A722\LGSGAFGTVY	478	>EGFR-A722\LGSGVFGTVY	555	77
>EGFR-A722\LGSGAFGTVY	931	>EGFR-A722\LGSGVFGTVY	446	485
>EGFR-A722\LGSGAFGTVY	93	>EGFR-A722\LGSGVFGTVY	127	34
>EGFR-A722\LGSGAFGTVY	94	>EGFR-A722\LGSGVFGTVY	156	62
>EGFR-A722\VLGSGAFGT	2098	>EGFR-A722\VLGSGVFGT	307	1791
>EGFR-A722\VLGSGAFGTV	73	>EGFR-A722\VLGSGVFGTV	59	14
>EGFR-A722\VLGSGAFGTV	41	>EGFR-A722\VLGSGVFGTV	34	7
>EGFR-A722\VLGSGAFGT	1992	>EGFR-A722\VLGSGVFGT	336	1656
>EGFR-A722\VLGSGAFGTV	21	>EGFR-A722\VLGSGVFGTV	17	4
>EGFR-A722\VLGSGAFGT	68	>EGFR-A722\VLGSGVFGT	14	54
>EGFR-A722\VLGSGAFGTV	3	>EGFR-A722\VLGSGVFGTV	2	1
>EGFR-A722\VLGSGAFGT	505	>EGFR-A722\VLGSGVFGT	230	275
>EGFR-A722\VLGSGAFGTV	7	>EGFR-A722\VLGSGVFGTV	6	1
>EGFR-A722\VLGSGAFGT	103	>EGFR-A722\VLGSGVFGT	35	68
>EGFR-A722\VLGSGAFGTV	7	>EGFR-A722\VLGSGVFGTV	6	1
>EGFR-A722\VLGSGAFGT	75	>EGFR-A722\VLGSGVFGT	16	59
>EGFR-A722\VLGSGAFGTV	5	>EGFR-A722\VLGSGVFGTV	4	1
>EGFR-A722\VLGSGAFGT	14	>EGFR-A722\VLGSGVFGT	9	5
>EGFR-A722\VLGSGAFGTV	2	>EGFR-A722\VLGSGVFGTV	2	0
>EGFR-A722\VLGSGAFGTV	64	>EGFR-A722\VLGSGVFGTV	95	31

>EGFR-A722\VLGSGAFGTV	54	>EGFR-A722\VLGSGVFGTV	59	5
>EGFR-A722\VLGSGAFGTV	26	>EGFR-A722\VLGSGVFGTV	37	11
>EGFR-A722\VLGSGAFGTV	73	>EGFR-A722\VLGSGVFGTV	62	11
>EGFR-A722\VLGSGAFGTV	87	>EGFR-A722\VLGSGVFGTV	114	27
>EGFR-A722\VLGSGAFGTV	421	>EGFR-A722\VLGSGVFGTV	341	80
>EGFR-A722\VLGSGAFGTV	227	>EGFR-A722\VLGSGVFGTV	351	124
>EGFR-A722\KVLGSGAFGT	294	>EGFR-A722\KVLGSGVFGT	260	34
>EGFR-A722\KVLGSGAFGT	123	>EGFR-A722\KVLGSGVFGT	204	81
>EGFR-A722\KVLGSGAFGT	602	>EGFR-A722\KVLGSGVFGT	233	369
>EGFR-A722\KVLGSGAFGT	9	>EGFR-A722\KVLGSGVFGT	10	1
>EGFR-A722\KVLGSGAFGT	12	>EGFR-A722\KVLGSGVFGT	9	3
>EGFR-A722\KVLGSGAFGT	78	>EGFR-A722\KVLGSGVFGT	81	3
>EGFR-A722\KVLGSGAFGT	28	>EGFR-A722\KVLGSGVFGT	24	4
>EGFR-A722\KVLGSGAFGT	176	>EGFR-A722\KVLGSGVFGT	243	67
>EGFR-A722\KVLGSGAFGT	15	>EGFR-A722\KVLGSGVFGT	19	4
>EGFR-A722\KVLGSGAFG	103	>EGFR-A722\KVLGSGVFG	183	80
>EGFR-A722\KVLGSGAFGT	76	>EGFR-A722\KVLGSGVFGT	146	70
>EGFR-A722\KVLGSGAF	32	>EGFR-A722\KVLGSGVF	56	24
>EGFR-A722\KVLGSGAFGT	807	>EGFR-A722\KVLGSGVFGT	320	487
>EGFR-A722\KVLGSGAFGT	324	>EGFR-A722\KVLGSGVFGT	416	92
>EGFR-A722\KVLGSGAF	172	>EGFR-A722\KVLGSGVF	183	11
>EGFR-A722\KVLGSGAF	345	>EGFR-A722\KVLGSGVF	716	371
>EGFR-A722\KVLGSGAF	165	>EGFR-A722\KVLGSGVF	246	81
>EGFR-A722\KVLGSGAF	16	>EGFR-A722\KVLGSGVF	16	0
>EGFR-A722\KVLGSGAF	476	>EGFR-A722\KVLGSGVF	122	354
>EGFR-A722\IKVLGSGA	1624	>EGFR-A722\IKVLGSGV	317	1307
>EGFR-A722\IKVLGSGAF	9	>EGFR-A722\IKVLGSGVF	14	5
>EGFR-A722\KIKVLGSGA	405	>EGFR-A722\KIKVLGSGV	39	366
>EGFR-A722\KIKVLGSGA	15210	>EGFR-A722\KIKVLGSGV	393	14817
>EGFR-A722\KIKVLGSGA	72	>EGFR-A722\KIKVLGSGV	148	76
>EGFR-A722\KIKVLGSGAF	50	>EGFR-A722\KIKVLGSGVF	68	18
>EGFR-A722\KIKVLGSGAF	63	>EGFR-A722\KIKVLGSGVF	62	1
>EGFR-A722\KIKVLGSGAF	245	>EGFR-A722\KIKVLGSGVF	395	150
>EGFR-A722\KIKVLGSGAF	523	>EGFR-A722\KIKVLGSGVF	446	77
>EGFR-A722\KIKVLGSGAF	513	>EGFR-A722\KIKVLGSGVF	218	295
>EGFR-A722\KKIKVLGSGA	700	>EGFR-A722\KKIKVLGSGV	156	544
>EGFR-A722\KKIKVLGSGAI	7	>EGFR-A722\KKIKVLGSGVI	9	2
>EGFR-A743I AIKELREA	369	>EGFR-A743I PIKELREA	7522	7153
>EGFR-A743I AIKELREA	496	>EGFR-A743I PIKELREA	7130	6634
>EGFR-A743I VAIKELREA	13015	>EGFR-A743I VP IKELREA	310	12705
>EGFR-A743I PVAIKELR	386	>EGFR-A743I PVPIKELR	3023	2637
>EGFR-A743I IPVAIKEL	25	>EGFR-A743I IPVPIKEL	170	145
>EGFR-A743I IPVAIKELR	150	>EGFR-A743I IPVPIKELR	212	62

>EGFR-A743IIPVAIKEL	151	>EGFR-A743IIPVPIKEL	150	1
>EGFR-A743IIPVAIKEL	406	>EGFR-A743IIPVPIKEL	585	179
>EGFR-A743IIPVAIKEL	340	>EGFR-A743IIPVPIKEL	509	169
>EGFR-A743IIPVAIKELREA	30	>EGFR-A743IIPVPIKELREA	45	15
>EGFR-A743IIPVAIKEL	248	>EGFR-A743IIPVPIKEL	435	187
>EGFR-A743IIPVAIKEL	498	>EGFR-A743IIPVPIKEL	460	38
>EGFR-A743IKIPVAIKELR	78	>EGFR-A743IKIPVPIKELR	65	13
>EGFR-A743IKIPVAIKELR	68	>EGFR-A743IKIPVPIKELR	65	3
>EGFR-A743IKIPVAIKEL	331	>EGFR-A743IKIPVPIKEL	256	75
>EGFR-A743IKIPVAIKELR	66	>EGFR-A743IKIPVPIKELR	78	12
>EGFR-A743IVKIPVAIKEL	87	>EGFR-A743IVKIPVPIKEL	61	26
>EGFR-A743IKVKIPVAIK	124	>EGFR-A743IKVKIPVPIK	150	26
>EGFR-A743IKVKIPVAIK	183	>EGFR-A743IKVKIPVPIK	157	26
>EGFR-A743IKVKIPVAI	10	>EGFR-A743IKVKIPVPI	6	4
>EGFR-A743IKVKIPVAIK	4	>EGFR-A743IKVKIPVPIK	3	1
>EGFR-A743IKVKIPVAIKEL	29	>EGFR-A743IKVKIPVPIKEL	39	10
>EGFR-A743IKVKIPVAIK	43	>EGFR-A743IKVKIPVPIK	151	108
>EGFR-A743IKVKIPVAI	71	>EGFR-A743IKVKIPVPI	87	16
>EGFR-A743IKVKIPVAIKEL	148	>EGFR-A743IKVKIPVPIKEL	180	32
>EGFR-A743IEKVKIPVAI	1234	>EGFR-A743IEKVKIPVPI	265	969
>EGFR-A743IEKVKIPVAI	151	>EGFR-A743IEKVKIPVPI	150	1
>EGFR-A743IEKVKIPVAI	444	>EGFR-A743IEKVKIPVPI	670	226
>EGFR-A743IEKVKIPVAI	501	>EGFR-A743IEKVKIPVPI	245	256
>EGFR-A743IEKVKIPVA	118	>EGFR-A743IEKVKIPVP	2784	2666
>EGFR-A743IEKVKIPVAI	188	>EGFR-A743IEKVKIPVPI	154	34
>EGFR-A743IEKVKIPVA	26	>EGFR-A743IEKVKIPVP	3660	3634
>EGFR-A743IEKVKIPVA	132	>EGFR-A743IEKVKIPVP	1217	1085
>EGFR-A743IEKVKIPVAI	45	>EGFR-A743IEKVKIPVPI	72	27
>EGFR-A743IAIKELREA	369	>EGFR-A743IAIKELREA	415	46
>EGFR-A743IAIKELREA	496	>EGFR-A743IAIKELREA	860	364
>EGFR-A743IPVAIKELR	386	>EGFR-A743IPVSIKELR	666	280
>EGFR-A743IPVAIKEL	25	>EGFR-A743IPVSIKEL	38	13
>EGFR-A743IPVAIKELR	150	>EGFR-A743IPVSIKELR	96	54
>EGFR-A743IPVAIKEL	151	>EGFR-A743IPVSIKEL	148	3
>EGFR-A743IPVAIKEL	406	>EGFR-A743IPVSIKEL	473	67
>EGFR-A743IPVAIKEL	340	>EGFR-A743IPVSIKEL	267	73
>EGFR-A743IPVAIKELREA	30	>EGFR-A743IPVSIKELREA	41	11
>EGFR-A743IPVAIKEL	248	>EGFR-A743IPVSIKEL	331	83
>EGFR-A743IPVAIKEL	498	>EGFR-A743IPVSIKEL	256	242
>EGFR-A743KIPVAIKELR	78	>EGFR-A743KIPVSIKELR	73	5
>EGFR-A743KIPVAIKELR	68	>EGFR-A743KIPVSIKELR	96	28
>EGFR-A743KIPVAIKEL	331	>EGFR-A743KIPVSIKEL	422	91
>EGFR-A743KIPVAIKELR	777	>EGFR-A743KIPVSIKELR	490	287

>EGFR-A743 <sup>!</sup> KIPVAIKELR	66	>EGFR-A743 <sup>!</sup> KIPVSIKELR	79	13
>EGFR-A743 <sup>!</sup> VKIPVAIK	662	>EGFR-A743 <sup>!</sup> VKIPVSIK	284	378
>EGFR-A743 <sup>!</sup> VKIPVAIKEL	87	>EGFR-A743 <sup>!</sup> VKIPVSIKEL	48	39
>EGFR-A743 <sup>!</sup> KVKIPVAIK	124	>EGFR-A743 <sup>!</sup> KVKIPVSIK	86	38
>EGFR-A743 <sup>!</sup> KVKIPVAIK	183	>EGFR-A743 <sup>!</sup> KVKIPVSIK	140	43
>EGFR-A743 <sup>!</sup> KVKIPVAI	10	>EGFR-A743 <sup>!</sup> KVKIPVSI	9	1
>EGFR-A743 <sup>!</sup> KVKIPVAIK	4	>EGFR-A743 <sup>!</sup> KVKIPVSIK	4	0
>EGFR-A743 <sup>!</sup> KVKIPVAIKEL	29	>EGFR-A743 <sup>!</sup> KVKIPVSIKEL	40	11
>EGFR-A743 <sup>!</sup> KVKIPVAIK	43	>EGFR-A743 <sup>!</sup> KVKIPVSIK	101	58
>EGFR-A743 <sup>!</sup> KVKIPVAI	71	>EGFR-A743 <sup>!</sup> KVKIPVSI	81	10
>EGFR-A743 <sup>!</sup> KVKIPVAIKEL	148	>EGFR-A743 <sup>!</sup> KVKIPVSIKEL	97	51
>EGFR-A743 <sup>!</sup> KVKIPVAI	974	>EGFR-A743 <sup>!</sup> KVKIPVSI	396	578
>EGFR-A743 <sup>!</sup> EKVKIPVAI	151	>EGFR-A743 <sup>!</sup> EKVKIPVSI	164	13
>EGFR-A743 <sup>!</sup> EKVKIPVAI	444	>EGFR-A743 <sup>!</sup> EKVKIPVSI	1587	1143
>EGFR-A743 <sup>!</sup> GEKVKIPVAI	501	>EGFR-A743 <sup>!</sup> GEKVKIPVSI	213	288
>EGFR-A743 <sup>!</sup> GEKVKIPVA	118	>EGFR-A743 <sup>!</sup> GEKVKIPVS	593	475
>EGFR-A743 <sup>!</sup> GEKVKIPVAI	188	>EGFR-A743 <sup>!</sup> GEKVKIPVSI	190	2
>EGFR-A743 <sup>!</sup> GEKVKIPVA	26	>EGFR-A743 <sup>!</sup> GEKVKIPVS	576	550
>EGFR-A743 <sup>!</sup> GEKVKIPVA	132	>EGFR-A743 <sup>!</sup> GEKVKIPVS	749	617
>EGFR-A743 <sup>!</sup> GEKVKIPVAI	45	>EGFR-A743 <sup>!</sup> GEKVKIPVSI	47	2
>EGFR-A743 <sup>!</sup> AIKELREA	369	>EGFR-A743 <sup>!</sup> TIKELREA	788	419
>EGFR-A743 <sup>!</sup> AIKELREA	496	>EGFR-A743 <sup>!</sup> TIKELREA	3378	2882
>EGFR-A743 <sup>!</sup> PVAIKELR	386	>EGFR-A743 <sup>!</sup> PVTIKELR	588	202
>EGFR-A743 <sup>!</sup> IPVAIKEL	25	>EGFR-A743 <sup>!</sup> IPVTIKEL	76	51
>EGFR-A743 <sup>!</sup> IPVAIKELR	150	>EGFR-A743 <sup>!</sup> IPVTIKELR	170	20
>EGFR-A743 <sup>!</sup> IPVAIKEL	151	>EGFR-A743 <sup>!</sup> IPVTIKEL	239	88
>EGFR-A743 <sup>!</sup> IPVAIKEL	406	>EGFR-A743 <sup>!</sup> IPVTIKEL	548	142
>EGFR-A743 <sup>!</sup> IPVAIKEL	340	>EGFR-A743 <sup>!</sup> IPVTIKEL	240	100
>EGFR-A743 <sup>!</sup> IPVAIKELREA	30	>EGFR-A743 <sup>!</sup> IPVTIKELREA	41	11
>EGFR-A743 <sup>!</sup> IPVAIKEL	248	>EGFR-A743 <sup>!</sup> IPVTIKEL	854	606
>EGFR-A743 <sup>!</sup> IPVAIKEL	498	>EGFR-A743 <sup>!</sup> IPVTIKEL	453	45
>EGFR-A743 <sup>!</sup> KIPVAIKELR	78	>EGFR-A743 <sup>!</sup> KIPVTIKELR	86	8
>EGFR-A743 <sup>!</sup> KIPVAIKELR	68	>EGFR-A743 <sup>!</sup> KIPVTIKELR	96	28
>EGFR-A743 <sup>!</sup> KIPVAIKEL	331	>EGFR-A743 <sup>!</sup> KIPVTIKEL	474	143
>EGFR-A743 <sup>!</sup> KIPVAIKELR	66	>EGFR-A743 <sup>!</sup> KIPVTIKELR	58	8
>EGFR-A743 <sup>!</sup> VKIPVAIK	662	>EGFR-A743 <sup>!</sup> VKIPVTIK	387	275
>EGFR-A743 <sup>!</sup> VKIPVAIKEL	87	>EGFR-A743 <sup>!</sup> VKIPVTIKEL	64	23
>EGFR-A743 <sup>!</sup> KVKIPVAIK	124	>EGFR-A743 <sup>!</sup> KVKIPVTIK	112	12
>EGFR-A743 <sup>!</sup> KVKIPVAIK	183	>EGFR-A743 <sup>!</sup> KVKIPVTIK	206	23
>EGFR-A743 <sup>!</sup> KVKIPVAI	10	>EGFR-A743 <sup>!</sup> KVKIPVTI	13	3
>EGFR-A743 <sup>!</sup> KVKIPVAIK	4	>EGFR-A743 <sup>!</sup> KVKIPVTIK	6	2
>EGFR-A743 <sup>!</sup> KVKIPVAIKEL	29	>EGFR-A743 <sup>!</sup> KVKIPVTIKEL	55	26
>EGFR-A743 <sup>!</sup> KVKIPVAIK	43	>EGFR-A743 <sup>!</sup> KVKIPVTIK	70	27



>EGFR-A743`KVKIPVAI	71	>EGFR-A743`KVKIPVTI	38	33
>EGFR-A743`KVKIPVAIKEL	148	>EGFR-A743`KVKIPVTIKEL	175	27
>EGFR-A743`KVKIPVAI	974	>EGFR-A743`KVKIPVTI	422	552
>EGFR-A743`EKVKIPVAI	151	>EGFR-A743`EKVKIPVTI	272	121
>EGFR-A743`EKVKIPVAI	444	>EGFR-A743`EKVKIPVTI	1404	960
>EGFR-A743`GEKVKIPVAI	501	>EGFR-A743`GEKVKIPVTI	383	118
>EGFR-A743`GEKVKIPVA	118	>EGFR-A743`GEKVKIPVT	133	15
>EGFR-A743`GEKVKIPVAI	188	>EGFR-A743`GEKVKIPVTI	151	37
>EGFR-A743`GEKVKIPVA	26	>EGFR-A743`GEKVKIPVT	128	102
>EGFR-A743`GEKVKIPVA	132	>EGFR-A743`GEKVKIPVT	99	33
>EGFR-A743`GEKVKIPVAI	45	>EGFR-A743`GEKVKIPVTI	64	19
>EGFR-A750I`ATSPKANK	145	>EGFR-A750I`PTSPKANK	3766	3621
>EGFR-A750I`ATSPKANK	29	>EGFR-A750I`PTSPKANK	1083	1054
>EGFR-A750I`ATSPKANK	36	>EGFR-A750I`PTSPKANK	1379	1343
>EGFR-A750I`ATSPKANK	389	>EGFR-A750I`PTSPKANK	7090	6701
>EGFR-A750I`ATSPKANK	445	>EGFR-A750I`PTSPKANK	2227	1782
>EGFR-A750I`ATSPKANKEI	35	>EGFR-A750I`PTSPKANKEI	4369	4334
>EGFR-A750I`ATSPKANKEII	55	>EGFR-A750I`PTSPKANKEII	5186	5131
>EGFR-A750I`ATSPKANKEII	468	>EGFR-A750I`PTSPKANKEII	4244	3776
>EGFR-A750I`ATSPKANKEI	347	>EGFR-A750I`PTSPKANKEI	3471	3124
>EGFR-A750I`ATSPKANKEII	295	>EGFR-A750I`PTSPKANKEII	8799	8504
>EGFR-A750I`ATSPKANK	121	>EGFR-A750I`PTSPKANK	4058	3937
>EGFR-A750I`EATSPKANK	18	>EGFR-A750I`EPTSPKANK	542	524
>EGFR-A750I`EATSPKANKE	158	>EGFR-A750I`EPTSPKANKE	5305	5147
>EGFR-A750I`IPVAIKELREA	30	>EGFR-A750I`IPVAIKELREP	1117	1087
>EGFR-A750I`REATSPKA	39	>EGFR-A750I`REPTSPKA	2059	2020
>EGFR-A750I`ELREATSPKA	122	>EGFR-A750I`ELREPTSPKA	125	3
>EGFR-A750I`ELREATSPK	226	>EGFR-A750I`ELREPTSPK	126	100
>EGFR-A750I`ELREATSPK	924	>EGFR-A750I`ELREPTSPK	205	719
>EGFR-A750I`ELREATSPK	86	>EGFR-A750I`ELREPTSPK	456	370
>EGFR-A750I`ELREATSPK	517	>EGFR-A750I`ELREPTSPK	347	170
>EGFR-A750I`ELREATSPK	139	>EGFR-A750I`ELREPTSPK	265	126
>EGFR-A750I`KELREATSPK/	449	>EGFR-A750I`KELREPTSPK/	489	40
>EGFR-A750I`KELREATSPK/	71	>EGFR-A750I`KELREPTSPK/	124	53
>EGFR-A750I`KELREATSPK/	319	>EGFR-A750I`KELREPTSPK/	317	2
>EGFR-A750I`AIKELREA	369	>EGFR-A750I`AIKELREP	18535	18166
>EGFR-A750I`AIKELREA	496	>EGFR-A750I`AIKELREP	7365	6869
>EGFR-A755I`KANKEILDEA`	126	>EGFR-A755I`KDNKEILDEA`	1816	1690
>EGFR-A755I`KANKEILDEA`	385	>EGFR-A755I`KDNKEILDEA`	1744	1359
>EGFR-A755I`KANKEILDEA`	255	>EGFR-A755I`KDNKEILDEA`	4937	4682
>EGFR-A755I`KANKEILDEA`	293	>EGFR-A755I`KDNKEILDEA`	2723	2430
>EGFR-A755I`KANKEILDEA`	140	>EGFR-A755I`KDNKEILDEA`	18143	18003
>EGFR-A755I`KANKEILDEA`	200	>EGFR-A755I`KDNKEILDEA`	7428	7228

>EGFR-A755I KANKEILDEA'	86	>EGFR-A755I KDNKEILDEA'	17174	17088
>EGFR-A755I KANKEILDEA'	473	>EGFR-A755I KDNKEILDEA'	2601	2128
>EGFR-A755I KELREATSPK/	449	>EGFR-A755I KELREATSPKI	7459	7010
>EGFR-A755I KELREATSPK/	71	>EGFR-A755I KELREATSPKI	7156	7085
>EGFR-A755I KELREATSPK/	319	>EGFR-A755I KELREATSPKI	1310	991
>EGFR-A755I SPKANKEI	133	>EGFR-A755I SPKDNKEI	4152	4019
>EGFR-A755I SPKANKEIL	187	>EGFR-A755I SPKDNKEIL	3408	3221
>EGFR-A755I SPKANKEIL	193	>EGFR-A755I SPKDNKEIL	232	39
>EGFR-A755I TSPKANKEI	54	>EGFR-A755I TSPKDNKEI	793	739
>EGFR-A755I TSPKANKEIL	9	>EGFR-A755I TSPKDNKEIL	33	24
>EGFR-A755I TSPKANKEI	159	>EGFR-A755I TSPKDNKEI	215	56
>EGFR-A755I ATSPKANK	145	>EGFR-A755I ATSPKDNK	1495	1350
>EGFR-A755I ATSPKANK	29	>EGFR-A755I ATSPKDNK	52	23
>EGFR-A755I ATSPKANK	36	>EGFR-A755I ATSPKDNK	405	369
>EGFR-A755I ATSPKANK	389	>EGFR-A755I ATSPKDNK	2140	1751
>EGFR-A755I ATSPKANK	445	>EGFR-A755I ATSPKDNK	645	200
>EGFR-A755I ATSPKANKEI	35	>EGFR-A755I ATSPKDNKEI	89	54
>EGFR-A755I ATSPKANKEII	55	>EGFR-A755I ATSPKDNKEII	88	33
>EGFR-A755I ATSPKANKEII	468	>EGFR-A755I ATSPKDNKEII	1324	856
>EGFR-A755I ATSPKANKEI	347	>EGFR-A755I ATSPKDNKEI	648	301
>EGFR-A755I ATSPKANKEII	295	>EGFR-A755I ATSPKDNKEII	638	343
>EGFR-A755I ATSPKANK	121	>EGFR-A755I ATSPKDNK	139	18
>EGFR-A755I EATSPKANK	18	>EGFR-A755I EATSPKDNK	28	10
>EGFR-A755I EATSPKANKE	158	>EGFR-A755I EATSPKDNKE	329	171
>EGFR-A755I REATSPKA	39	>EGFR-A755I REATSPKD	4155	4116
>EGFR-A755I ELREATSPKA	122	>EGFR-A755I ELREATSPKD	23528	23406
>EGFR-A767\ ASVDNPHVCI	1077	>EGFR-A767\ VSVDNPHVCI	304	773
>EGFR-A767\ ASVDNPHV	291	>EGFR-A767\ VSVDNPHV	409	118
>EGFR-A767\ ASVDNPHVCI	300	>EGFR-A767\ VSVDNPHVCI	1046	746
>EGFR-A767\ ASVDNPHVCI	389	>EGFR-A767\ VSVDNPHVCI	1316	927
>EGFR-A767\ ASVDNPHVCI	113	>EGFR-A767\ VSVDNPHVCI	219	106
>EGFR-A767\ ASVDNPHVCI	423	>EGFR-A767\ VSVDNPHVCI	698	275
>EGFR-A767\ ASVDNPHV	496	>EGFR-A767\ VSVDNPHV	430	66
>EGFR-A767\ ASVDNPHVCI	6	>EGFR-A767\ VSVDNPHVCI	5	1
>EGFR-A767\ ASVDNPHVCI	1697	>EGFR-A767\ VSVDNPHVCI	342	1355
>EGFR-A767\ ASVDNPHVCI	154	>EGFR-A767\ VSVDNPHVCI	1352	1198
>EGFR-A767\ MASVDNPHV	2817	>EGFR-A767\ MVSVDNPHV	419	2398
>EGFR-A767\ MASVDNPHV	1391	>EGFR-A767\ MVSVDNPHV	240	1151
>EGFR-A767\ MASVDNPHV	3031	>EGFR-A767\ MVSVDNPHV	310	2721
>EGFR-A767\ MASVDNPHV	162	>EGFR-A767\ MVSVDNPHV	28	134
>EGFR-A767\ MASVDNPHV	1303	>EGFR-A767\ MVSVDNPHV	99	1204
>EGFR-A767\ MASVDNPHV	3192	>EGFR-A767\ MVSVDNPHV	175	3017
>EGFR-A767\ MASVDNPHV	162	>EGFR-A767\ MVSVDNPHV	17	145

>EGFR-A767\MASVDNPHV	2026	>EGFR-A767\MVSVDNPHV	389	1637
>EGFR-A767\MASVDNPHV	74	>EGFR-A767\MVSVDNPHV	45	29
>EGFR-A767\MASVDNPHV	268	>EGFR-A767\MVSVDNPHV	168	100
>EGFR-A767\MASVDNPHV	9	>EGFR-A767\MVSVDNPHV	6	3
>EGFR-A767\MASVDNPHV	258	>EGFR-A767\MVSVDNPHV	60	198
>EGFR-A767\MASVDNPHV	161	>EGFR-A767\MVSVDNPHV	55	106
>EGFR-A767\MASVDNPH	55	>EGFR-A767\MVSVDNPH	188	133
>EGFR-A767\KEILDEAYVM	1622	>EGFR-A767\KEILDEAYVM	65	1557
>EGFR-A767\KEILDEAYVM	289	>EGFR-A767\KEILDEAYVM	265	24
>EGFR-A767\KEILDEAYVM	50	>EGFR-A767\KEILDEAYVM	217	167
>EGFR-A767\KEILDEAYVM	468	>EGFR-A767\KEILDEAYVM	13	455
>EGFR-A767\VMASVDNPH	148	>EGFR-A767\VMVSVDNPH	156	8
>EGFR-A767\VMASVDNPH	84	>EGFR-A767\VMVSVDNPH	187	103
>EGFR-A767\VMASVDNPH	209	>EGFR-A767\VMVSVDNPH	208	1
>EGFR-A767\VMASVDNPH	303	>EGFR-A767\VMVSVDNPH	172	131
>EGFR-A767\VMASVDNPH	3	>EGFR-A767\VMVSVDNPH	4	1
>EGFR-A767\VMASVDNPH	37	>EGFR-A767\VMVSVDNPH	47	10
>EGFR-A767\VMASVDNPH	7	>EGFR-A767\VMVSVDNPH	7	0
>EGFR-A767\VMASVDNPH	258	>EGFR-A767\VMVSVDNPH	258	0
>EGFR-A767\VMASVDNPH	5	>EGFR-A767\VMVSVDNPH	6	1
>EGFR-A767\VMASVDNPH	6	>EGFR-A767\VMVSVDNPH	21	15
>EGFR-A767\VMASVDNPH	233	>EGFR-A767\VMVSVDNPH	1512	1279
>EGFR-A767\VMASVDNPH	3	>EGFR-A767\VMVSVDNPH	4	1
>EGFR-A767\VMASVDNPH	75	>EGFR-A767\VMVSVDNPH	150	75
>EGFR-A767\YVMASVDNP	10	>EGFR-A767\YVMVSVDNP	16	6
>EGFR-A767\YVMASVDNP	13	>EGFR-A767\YVMVSVDNP	31	18
>EGFR-A767\YVMASVDNP	8	>EGFR-A767\YVMVSVDNP	16	8
>EGFR-A767\YVMASVDNP	4	>EGFR-A767\YVMVSVDNP	4	0
>EGFR-A767\YVMASVDNP	8	>EGFR-A767\YVMVSVDNP	21	13
>EGFR-A767\YVMASVDNP	7	>EGFR-A767\YVMVSVDNP	9	2
>EGFR-A767\YVMASVDNP	10	>EGFR-A767\YVMVSVDNP	13	3
>EGFR-A767\YVMASVDNP	4	>EGFR-A767\YVMVSVDNP	4	0
>EGFR-A767\YVMASVDNP	3	>EGFR-A767\YVMVSVDNP	5	2
>EGFR-A767\YVMASVDNP	397	>EGFR-A767\YVMVSVDNP	944	547
>EGFR-A767\YVMASVDNP	457	>EGFR-A767\YVMVSVDNP	1087	630
>EGFR-A767\YVMASVDNP	17	>EGFR-A767\YVMVSVDNP	39	22
>EGFR-A767\YVMASVDNP	7	>EGFR-A767\YVMVSVDNP	11	4
>EGFR-A767\YVMASVDNP	424	>EGFR-A767\YVMVSVDNP	927	503
>EGFR-A767\EAYVMASV	18	>EGFR-A767\EAYVMVSV	16	2
>EGFR-A767\EAYVMASV	8	>EGFR-A767\EAYVMVSV	10	2
>EGFR-A767\DEAYVMASV	25	>EGFR-A767\DEAYVMVSV	29	4
>EGFR-A767\DEAYVMASV	64	>EGFR-A767\DEAYVMVSV	81	17
>EGFR-A767\DEAYVMAS	98	>EGFR-A767\DEAYVMVS	236	138

>EGFR-A767\DEAYVMASV	43	>EGFR-A767\DEAYVMVSV	43	0
>EGFR-A767\DEAYVMASV	423	>EGFR-A767\DEAYVMVSV	308	115
>EGFR-A767\LDEAYVMA	2286	>EGFR-A767\LDEAYVMV	85	2201
>EGFR-A767\LDEAYVMAS\	144	>EGFR-A767\LDEAYVMVS\	163	19
>EGFR-A767\ILDEAYVMA	38	>EGFR-A767\ILDEAYVMV	11	27
>EGFR-A767\ILDEAYVMAS	11	>EGFR-A767\ILDEAYVMVS	11	0
>EGFR-A767\ILDEAYVMA	44	>EGFR-A767\ILDEAYVMV	7	37
>EGFR-A767\ILDEAYVMAS	5	>EGFR-A767\ILDEAYVMVS	6	1
>EGFR-A767\ILDEAYVMA	172	>EGFR-A767\ILDEAYVMV	31	141
>EGFR-A767\ILDEAYVMAS	10	>EGFR-A767\ILDEAYVMVS	19	9
>EGFR-A767\ILDEAYVMA	44	>EGFR-A767\ILDEAYVMV	8	36
>EGFR-A767\ILDEAYVMAS	8	>EGFR-A767\ILDEAYVMVS	9	1
>EGFR-A767\ILDEAYVMA	6	>EGFR-A767\ILDEAYVMV	2	4
>EGFR-A767\ILDEAYVMAS	56	>EGFR-A767\ILDEAYVMVS	112	56
>EGFR-A767\ILDEAYVMAS	2	>EGFR-A767\ILDEAYVMVS	2	0
>EGFR-A767\ILDEAYVMA	63	>EGFR-A767\ILDEAYVMV	4	59
>EGFR-A767\ILDEAYVMAS	3	>EGFR-A767\ILDEAYVMVS	3	0
>EGFR-A767\ILDEAYVMA	11	>EGFR-A767\ILDEAYVMV	4	7
>EGFR-A767\ILDEAYVMAS	5	>EGFR-A767\ILDEAYVMVS	4	1
>EGFR-A767\ILDEAYVMA	43	>EGFR-A767\ILDEAYVMV	2	41
>EGFR-A767\ILDEAYVMAS	3	>EGFR-A767\ILDEAYVMVS	3	0
>EGFR-A767\ILDEAYVMA	8	>EGFR-A767\ILDEAYVMV	2	6
>EGFR-A767\ILDEAYVMAS	2	>EGFR-A767\ILDEAYVMVS	2	0
>EGFR-A767\ILDEAYVMA	1743	>EGFR-A767\ILDEAYVMV	57	1686
>EGFR-A767\ILDEAYVMAS	82	>EGFR-A767\ILDEAYVMVS	124	42
>EGFR-A767\EILDEAYVMA	2907	>EGFR-A767\EILDEAYVMV	416	2491
>EGFR-A767\EILDEAYVMA	1091	>EGFR-A767\EILDEAYVMV	205	886
>EGFR-A767\EILDEAYVMA	994	>EGFR-A767\EILDEAYVMV	17	977
>EGFR-A767\EILDEAYVMA	7812	>EGFR-A767\EILDEAYVMV	349	7463
>EGFR-A767\EILDEAYVMA	2004	>EGFR-A767\EILDEAYVMV	28	1976
>EGFR-A767\EILDEAYVMA	635	>EGFR-A767\EILDEAYVMV	12	623
>EGFR-A767\EILDEAYVMA	2189	>EGFR-A767\EILDEAYVMV	17	2172
>EGFR-A767\EILDEAYVMA	16	>EGFR-A767\EILDEAYVMV	4	12
>EGFR-A839\AARNVLVK	338	>EGFR-A839\TARNVLVK	462	124
>EGFR-A839\AARNVLVK	5	>EGFR-A839\TARNVLVK	10	5
>EGFR-A839\AARNVLVKTF	404	>EGFR-A839\TARNVLVKTP	2214	1810
>EGFR-A839\AARNVLVK	4976	>EGFR-A839\TARNVLVK	381	4595
>EGFR-A839\LAARNVLV	312	>EGFR-A839\LTARNVLV	110	202
>EGFR-A839\LAARNVLV	497	>EGFR-A839\LTARNVLV	162	335
>EGFR-A839\LAARNVLV	337	>EGFR-A839\LTARNVLV	202	135
>EGFR-A839\LAARNVLV	672	>EGFR-A839\LTARNVLV	180	492
>EGFR-A839\LAARNVLV	54	>EGFR-A839\LTARNVLV	41	13
>EGFR-A839\LAARNVLVK	458	>EGFR-A839\LTARNVLVK	97	361

>EGFR-A839 <sup>T</sup> LAARNVLVK	230	>EGFR-A839 <sup>T</sup> LTARNVLVK	27	203
>EGFR-A839 <sup>T</sup> LAARNVLVK	398	>EGFR-A839 <sup>T</sup> LTARNVLVK	71	327
>EGFR-A839 <sup>T</sup> LAARNVLVK	267	>EGFR-A839 <sup>T</sup> LTARNVLVK	73	194
>EGFR-A839 <sup>T</sup> LAARNVLV	119	>EGFR-A839 <sup>T</sup> LTARNVLV	19	100
>EGFR-A839 <sup>T</sup> LAARNVLV	1159	>EGFR-A839 <sup>T</sup> LTARNVLV	202	957
>EGFR-A839 <sup>T</sup> LAARNVLV	4686	>EGFR-A839 <sup>T</sup> LTARNVLV	202	4484
>EGFR-A839 <sup>T</sup> LAARNVLVKT	13834	>EGFR-A839 <sup>T</sup> LTARNVLVKT	296	13538
>EGFR-A839 <sup>T</sup> LAARNVLVK	1554	>EGFR-A839 <sup>T</sup> LTARNVLVK	307	1247
>EGFR-A839 <sup>T</sup> DLAARNVLV	88	>EGFR-A839 <sup>T</sup> DLTARNVLV	887	799
>EGFR-A839 <sup>T</sup> DLAARNVLV	340	>EGFR-A839 <sup>T</sup> DLTARNVLV	941	601
>EGFR-A839 <sup>T</sup> DLAARNVLV	65	>EGFR-A839 <sup>T</sup> DLTARNVLV	158	93
>EGFR-A839 <sup>T</sup> DLAARNVLV	158	>EGFR-A839 <sup>T</sup> DLTARNVLV	1284	1126
>EGFR-A839 <sup>T</sup> DLAARNVL	326	>EGFR-A839 <sup>T</sup> DLTARNVL	353	27
>EGFR-A839 <sup>T</sup> DLAARNVLV	17	>EGFR-A839 <sup>T</sup> DLTARNVLV	19	2
>EGFR-A839 <sup>T</sup> DLAARNVLVK	382	>EGFR-A839 <sup>T</sup> DLTARNVLVK	609	227
>EGFR-A839 <sup>T</sup> DLAARNVLV	64	>EGFR-A839 <sup>T</sup> DLTARNVLV	340	276
>EGFR-A839 <sup>T</sup> DLAARNVLV	334	>EGFR-A839 <sup>T</sup> DLTARNVLV	1441	1107
>EGFR-A839 <sup>T</sup> RDLAARNVL	377	>EGFR-A839 <sup>T</sup> RDLTARNVLV	533	156
>EGFR-A839 <sup>T</sup> RDLAARNVL	97	>EGFR-A839 <sup>T</sup> RDLTARNVL	405	308
>EGFR-A839 <sup>T</sup> RDLAARNV	187	>EGFR-A839 <sup>T</sup> RDLTARNV	485	298
>EGFR-A839 <sup>T</sup> RDLAARNVL	656	>EGFR-A839 <sup>T</sup> RDLTARNVL	297	359
>EGFR-A839 <sup>T</sup> RDLAARNV	210	>EGFR-A839 <sup>T</sup> RDLTARNV	235	25
>EGFR-A839 <sup>T</sup> RDLAARNVL	96	>EGFR-A839 <sup>T</sup> RDLTARNVLV	118	22
>EGFR-A839 <sup>T</sup> HRDLAARNV	62	>EGFR-A839 <sup>T</sup> HRDLTARNVI	74	12
>EGFR-A839 <sup>T</sup> HRDLAARNV	21	>EGFR-A839 <sup>T</sup> HRDLTARNVI	16	5
>EGFR-A839 <sup>T</sup> HRDLAARNV	574	>EGFR-A839 <sup>T</sup> HRDLTARNVI	366	208
>EGFR-A839 <sup>T</sup> HRDLAARNV	347	>EGFR-A839 <sup>T</sup> HRDLTARNVI	258	89
>EGFR-A839 <sup>T</sup> VHRDLAARN	471	>EGFR-A839 <sup>T</sup> VHRDLTARN	633	162
>EGFR-A839 <sup>T</sup> LVHRDLAARN	138	>EGFR-A839 <sup>T</sup> LVHRDLTARN	140	2
>EGFR-A839 <sup>T</sup> LVHRDLAARN	72	>EGFR-A839 <sup>T</sup> LVHRDLTARN	77	5
>EGFR-A839 <sup>T</sup> LVHRDLAA	291	>EGFR-A839 <sup>T</sup> LVHRDLTA	408	117
>EGFR-A839 <sup>T</sup> LVHRDLAARN	474	>EGFR-A839 <sup>T</sup> LVHRDLTARN	854	380
>EGFR-A839 <sup>T</sup> LVHRDLAAR	34	>EGFR-A839 <sup>T</sup> LVHRDLTAR	52	18
>EGFR-A839 <sup>T</sup> LVHRDLAAR	174	>EGFR-A839 <sup>T</sup> LVHRDLTAR	285	111
>EGFR-A839 <sup>T</sup> RLVHRDLA	174	>EGFR-A839 <sup>T</sup> RLVHRDLT	2194	2020
>EGFR-A839 <sup>T</sup> RLVHRDLAA	166	>EGFR-A839 <sup>T</sup> RLVHRDLTA	192	26
>EGFR-A839 <sup>T</sup> RLVHRDLAA	344	>EGFR-A839 <sup>T</sup> RLVHRDLTA	902	558
>EGFR-A839 <sup>T</sup> RLVHRDLAA	785	>EGFR-A839 <sup>T</sup> RLVHRDLTA	382	403
>EGFR-A839 <sup>T</sup> RLVHRDLA	452	>EGFR-A839 <sup>T</sup> RLVHRDLT	4133	3681
>EGFR-A839 <sup>T</sup> RLVHRDLAA	796	>EGFR-A839 <sup>T</sup> RLVHRDLTA	223	573
>EGFR-A839 <sup>T</sup> RLVHRDLAAF	26	>EGFR-A839 <sup>T</sup> RLVHRDLTAR	64	38
>EGFR-A839 <sup>T</sup> RLVHRDLAAF	136	>EGFR-A839 <sup>T</sup> RLVHRDLTAR	138	2
>EGFR-A839 <sup>T</sup> RLVHRDLAAF	132	>EGFR-A839 <sup>T</sup> RLVHRDLTAR	142	10

>EGFR-A839 <sup>T</sup> RRLVHRDLAA	713	>EGFR-A839 <sup>T</sup> RRLVHRDLTA	435	278
>EGFR-A839 <sup>T</sup> RRLVHRDLA	102	>EGFR-A839 <sup>T</sup> RRLVHRDLT	206	104
>EGFR-A839 <sup>T</sup> RRLVHRDLAA	34	>EGFR-A839 <sup>T</sup> RRLVHRDLTA	31	3
>EGFR-A839 <sup>T</sup> RRLVHRDLAA	29	>EGFR-A839 <sup>T</sup> RRLVHRDLTA	27	2
>EGFR-A839 <sup>T</sup> RRLVHRDLA	91	>EGFR-A839 <sup>T</sup> RRLVHRDLT	71	20
>EGFR-A839 <sup>T</sup> RRLVHRDLAA	38	>EGFR-A839 <sup>T</sup> RRLVHRDLTA	30	8
>EGFR-A839 <sup>T</sup> RRLVHRDLAA	224	>EGFR-A839 <sup>T</sup> RRLVHRDLTA	167	57
>EGFR-A839 <sup>T</sup> RRLVHRDLA	57	>EGFR-A839 <sup>T</sup> RRLVHRDLT	128	71
>EGFR-A839 <sup>T</sup> RRLVHRDLAA	72	>EGFR-A839 <sup>T</sup> RRLVHRDLTA	62	10
>EGFR-A839 <sup>T</sup> RRLVHRDLAA	121	>EGFR-A839 <sup>T</sup> RRLVHRDLTA	147	26
>EGFR-A859 <sup>T</sup> AKLLGAEKE <sup>T</sup>	23	>EGFR-A859 <sup>T</sup> TKLLGAEKE <sup>N</sup>	96	73
>EGFR-A859 <sup>T</sup> LAKLLGAE EK	2408	>EGFR-A859 <sup>T</sup> LTKLLGAE EK	313	2095
>EGFR-A859 <sup>T</sup> LAKLLGAE EK	377	>EGFR-A859 <sup>T</sup> LTKLLGAE EK	73	304
>EGFR-A859 <sup>T</sup> LAKLLGAE EK	1217	>EGFR-A859 <sup>T</sup> LTKLLGAE EK	318	899
>EGFR-A859 <sup>T</sup> GLAKLLGA	216	>EGFR-A859 <sup>T</sup> GLTKLLGA	1062	846
>EGFR-A859 <sup>T</sup> GLAKLLGA	32	>EGFR-A859 <sup>T</sup> GLTKLLGA	346	314
>EGFR-A859 <sup>T</sup> GLAKLLGA	13	>EGFR-A859 <sup>T</sup> GLTKLLGA	81	68
>EGFR-A859 <sup>T</sup> GLAKLLGA	235	>EGFR-A859 <sup>T</sup> GLTKLLGA	678	443
>EGFR-A859 <sup>T</sup> GLAKLLGA	151	>EGFR-A859 <sup>T</sup> GLTKLLGA	437	286
>EGFR-A859 <sup>T</sup> GLAKLLGA	251	>EGFR-A859 <sup>T</sup> GLTKLLGA	442	191
>EGFR-A859 <sup>T</sup> GLAKLLGA	44	>EGFR-A859 <sup>T</sup> GLTKLLGA	93	49
>EGFR-A859 <sup>T</sup> GLAKLLGA	31	>EGFR-A859 <sup>T</sup> GLTKLLGA	39	8
>EGFR-A859 <sup>T</sup> GLAKLLGAE E	347	>EGFR-A859 <sup>T</sup> GLTKLLGAE E	1112	765
>EGFR-A859 <sup>T</sup> FGLAKLLGA	123	>EGFR-A859 <sup>T</sup> FGLTKLLGA	350	227
>EGFR-A859 <sup>T</sup> TDFGLAKLL	145	>EGFR-A859 <sup>T</sup> TDFGLTKLL	119	26
>EGFR-A859 <sup>T</sup> TDFGLAKL	624	>EGFR-A859 <sup>T</sup> TDFGLTKL	195	429
>EGFR-A859 <sup>T</sup> TDFGLAKLL	352	>EGFR-A859 <sup>T</sup> TDFGLTKLL	190	162
>EGFR-A859 <sup>T</sup> TDFGLAKLL	295	>EGFR-A859 <sup>T</sup> TDFGLTKLL	533	238
>EGFR-A859 <sup>T</sup> ITDFGLAK	290	>EGFR-A859 <sup>T</sup> ITDFGLTK	312	22
>EGFR-A859 <sup>T</sup> ITDFGLAK	33	>EGFR-A859 <sup>T</sup> ITDFGLTK	41	8
>EGFR-A859 <sup>T</sup> ITDFGLAKL	6	>EGFR-A859 <sup>T</sup> ITDFGLTKL	10	4
>EGFR-A859 <sup>T</sup> ITDFGLAKLL	15	>EGFR-A859 <sup>T</sup> ITDFGLTKLL	31	16
>EGFR-A859 <sup>T</sup> ITDFGLAKLL	276	>EGFR-A859 <sup>T</sup> ITDFGLTKLL	406	130
>EGFR-A859 <sup>T</sup> ITDFGLAKL	97	>EGFR-A859 <sup>T</sup> ITDFGLTKL	37	60
>EGFR-A859 <sup>T</sup> ITDFGLAK	474	>EGFR-A859 <sup>T</sup> ITDFGLTK	432	42
>EGFR-A859 <sup>T</sup> ITDFGLAKLL	613	>EGFR-A859 <sup>T</sup> ITDFGLTKLL	490	123
>EGFR-A859 <sup>T</sup> KITDFGLAKL	91	>EGFR-A859 <sup>T</sup> KITDFGLTKL	110	19
>EGFR-A859 <sup>T</sup> KITDFGLAKLL	228	>EGFR-A859 <sup>T</sup> KITDFGLTKLL	132	96
>EGFR-A859 <sup>T</sup> KITDFGLA	348	>EGFR-A859 <sup>T</sup> KITDFGLT	3839	3491
>EGFR-A859 <sup>T</sup> KITDFGLAKL	81	>EGFR-A859 <sup>T</sup> KITDFGLTKL	103	22
>EGFR-A859 <sup>T</sup> KITDFGLA	117	>EGFR-A859 <sup>T</sup> KITDFGLT	1354	1237
>EGFR-A859 <sup>T</sup> KITDFGLAKL	432	>EGFR-A859 <sup>T</sup> KITDFGLTKL	447	15
>EGFR-A859 <sup>T</sup> KITDFGLAKLL	462	>EGFR-A859 <sup>T</sup> KITDFGLTKLL	400	62

>EGFR-A859T KITDFGLAKL	188	>EGFR-A859T KITDFGLTKL	337	149
>EGFR-A859T KITDFGLAKL	478	>EGFR-A859T KITDFGLTKL	383	95
>EGFR-A859T KITDFGLAKL	29	>EGFR-A859T KITDFGLTKL	29	0
>EGFR-A859T KITDFGLAKLL	183	>EGFR-A859T KITDFGLTKLL	97	86
>EGFR-A859T KITDFGLAK	102	>EGFR-A859T KITDFGLTK	109	7
>EGFR-A859T KITDFGLAK	17	>EGFR-A859T KITDFGLTK	19	2
>EGFR-A859T KITDFGLAK	22	>EGFR-A859T KITDFGLTK	23	1
>EGFR-A859T KITDFGLAKL	725	>EGFR-A859T KITDFGLTKL	435	290
>EGFR-A859T KITDFGLAKLL	679	>EGFR-A859T KITDFGLTKLL	310	369
>EGFR-A859T KITDFGLAK	98	>EGFR-A859T KITDFGLTK	95	3
>EGFR-A859T VKITDFGLAK	252	>EGFR-A859T VKITDFGLTK	414	162
>EGFR-A859T VKITDFGLAKI	295	>EGFR-A859T VKITDFGLTKL	169	126
>EGFR-A859T HVKITDFGLA	276	>EGFR-A859T HVKITDFGLTI	324	48
>EGFR-A859T HVKITDFGLA	33	>EGFR-A859T HVKITDFGLT	965	932
>EGFR-A859T HVKITDFGLA	4	>EGFR-A859T HVKITDFGLTI	4	0
>EGFR-A859T HVKITDFGLA	201	>EGFR-A859T HVKITDFGLTI	240	39
>EGFR-A859T HVKITDFGLA	130	>EGFR-A859T HVKITDFGLTI	97	33
>EGFR-A864I AEEKEYHAEG	412	>EGFR-A864I EEEKEYHAEG	2003	1591
>EGFR-A864I AEEKEYHA	15	>EGFR-A864I EEEKEYHA	32	17
>EGFR-A864I AEEKEYHAE	159	>EGFR-A864I EEEKEYHAE	449	290
>EGFR-A864I AEEKEYHAEG	75	>EGFR-A864I EEEKEYHAEG	299	224
>EGFR-A864I GAEEKEYHA	31914	>EGFR-A864I GEEEKEYHA	145	31769
>EGFR-A864I LGAEEKEY	425	>EGFR-A864I LGEEEKEY	1529	1104
>EGFR-A864I LLGAEEKEYH,	248	>EGFR-A864I LLGEEEKEYH,	241	7
>EGFR-A864I LLGAEEKEYH,	181	>EGFR-A864I LLGEEEKEYH,	38	143
>EGFR-A864I LLGAEEKEYH,	186	>EGFR-A864I LLGEEEKEYH,	48	138
>EGFR-A864I LLGAEEKEYH,	194	>EGFR-A864I LLGEEEKEYH,	58	136
>EGFR-A864I LLGAEEKEYH,	1976	>EGFR-A864I LLGEEEKEYH,	494	1482
>EGFR-A864I LLGAEEKEYH,	24	>EGFR-A864I LLGEEEKEYH,	11	13
>EGFR-A864I KLLGAEEK	169	>EGFR-A864I KLLGEEK	509	340
>EGFR-A864I KLLGAEEK	322	>EGFR-A864I KLLGEEK	639	317
>EGFR-A864I AKLLGAEEKE'	23	>EGFR-A864I AKLLGEEKE'	29	6
>EGFR-A864I LAKLLGAEEK	377	>EGFR-A864I LAKLLGEEK	1783	1406
>EGFR-A864I GLAKLLGA	216	>EGFR-A864I GLAKLLGE	21243	21027
>EGFR-A864I GLAKLLGA	32	>EGFR-A864I GLAKLLGE	5971	5939
>EGFR-A864I GLAKLLGA	13	>EGFR-A864I GLAKLLGE	8528	8515
>EGFR-A864I GLAKLLGA	235	>EGFR-A864I GLAKLLGE	16970	16735
>EGFR-A864I GLAKLLGA	151	>EGFR-A864I GLAKLLGE	16493	16342
>EGFR-A864I GLAKLLGA	251	>EGFR-A864I GLAKLLGE	18365	18114
>EGFR-A864I GLAKLLGA	44	>EGFR-A864I GLAKLLGE	14235	14191
>EGFR-A864I GLAKLLGA	31	>EGFR-A864I GLAKLLGE	13645	13614
>EGFR-A864I GLAKLLGAEE	347	>EGFR-A864I GLAKLLGEEI	791	444
>EGFR-A864I FGLAKLLGA	123	>EGFR-A864I FGLAKLLGE	12762	12639

>EGFR-A864T AEEKEYHAEG	412	>EGFR-A864T TEEKEYHAEG	4313	3901
>EGFR-A864T AEEKEYHA	15	>EGFR-A864T TEEKEYHA	106	91
>EGFR-A864T AEEKEYHAE	159	>EGFR-A864T TEEKEYHAE	1743	1584
>EGFR-A864T AEEKEYHAEG	75	>EGFR-A864T TEEKEYHAEG	954	879
>EGFR-A864T LGAEEKEY	425	>EGFR-A864T LGTTEEKEY	796	371
>EGFR-A864T LLGAEKEYH,	248	>EGFR-A864T LLGTTEEKEYH,	555	307
>EGFR-A864T LLGAEKEYH,	181	>EGFR-A864T LLGTTEEKEYH,	452	271
>EGFR-A864T LLGAEKEYH,	186	>EGFR-A864T LLGTTEEKEYH,	225	39
>EGFR-A864T LLGAEKEYH,	194	>EGFR-A864T LLGTTEEKEYH,	347	153
>EGFR-A864T LLGAEKEYH,	24	>EGFR-A864T LLGTTEEKEYH,	43	19
>EGFR-A864T KLLGAEK	169	>EGFR-A864T KLLGTEEK	151	18
>EGFR-A864T KLLGAEK	322	>EGFR-A864T KLLGTEEK	185	137
>EGFR-A864T KLLGAEK	623	>EGFR-A864T KLLGTEEK	447	176
>EGFR-A864T KLLGAEKEY	552	>EGFR-A864T KLLGTEEKEY	315	237
>EGFR-A864T KLLGAEKEY	551	>EGFR-A864T KLLGTEEKEY	459	92
>EGFR-A864T AKLLGAEKE'	23	>EGFR-A864T AKLLGTEEKE'	19	4
>EGFR-A864T LAKLLGAEK	377	>EGFR-A864T LAKLLGTEEK	465	88
>EGFR-A864T GLAKLLGA	216	>EGFR-A864T GLAKLLGT	1777	1561
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>EGFR-A864T GLAKLLGAEE	347	>EGFR-A864T GLAKLLGTTEEI	269	78
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>EGFR-A864T FGLAKLLGA	123	>EGFR-A864T FGLAKLLGT	1167	1044
>EGFR-A871I AEGGKVPI	155	>EGFR-A871I EEGGKVPI	876	721
>EGFR-A871I AEGGKVPI	177	>EGFR-A871I EEGGKVPI	1344	1167
>EGFR-A871I AEGGKVPIKM	76	>EGFR-A871I EEGGKVPIKM	260	184
>EGFR-A871I AEGGKVPIKM	137	>EGFR-A871I EEGGKVPIKM	300	163
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>EGFR-A871I AEGGKVPIKM	278	>EGFR-A871I EEGGKVPIKM	789	511
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>EGFR-A871I AEGGKVPIKM	277	>EGFR-A871I EEGGKVPIKM	3710	3433
>EGFR-A871I HAEGGKVP	28969	>EGFR-A871I HEEGGKVP	106	28863
>EGFR-A871I HAEGGKVPI	20165	>EGFR-A871I HEEGGKVPI	70	20095
>EGFR-A871I HAEGGKVPIK	176	>EGFR-A871I HEEGGKVPIK	12568	12392
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>EGFR-A871(YHAEGGKVPI	22	>EGFR-A871(YHGEGGKVPI	228	206
>EGFR-A871(EYHAEGGKVI	173	>EGFR-A871(EYHGEGGKVI	634	461
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>EGFR-A871LLGAEKEYH,	194	>EGFR-A871LLGAEKEYH'	1527	1333
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>EGFR-A871YHAEGGKVPI	306	>EGFR-A871YHTEGGKVPI	670	364
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>EGFR-C311S RACGADSYEM	1496	>EGFR-C311S RASGADSYEM	249	1247
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>EGFR-C311S CVRACGADS\	626	>EGFR-C311S CVRASGADS\	384	242
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>EGFR-C311\SCVRACGAD\	234	>EGFR-C311\SCVRASGAD\	169	65
>EGFR-C311\SCVRACGAD\	124	>EGFR-C311\SCVRASGAD\	117	7
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>EGFR-C326\YEMEEDGVR	1090	>EGFR-C326\YEMEEDGVR	11	1079
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>EGFR-C620\HLCHPNCTY C	649	>EGFR-C620\HLWHPNCTY	68	581
>EGFR-C620\HLCHPNCTY	1308	>EGFR-C620\HLWHPNCTY	417	891
>EGFR-C620\HLCHPNCTY	1002	>EGFR-C620\HLWHPNCTY	103	899
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>EGFR-C620\LCHPNCTY	346	>EGFR-C620\LYHPNCTY	479	133
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>EGFR-C620\HLCHPNCTY	226	>EGFR-C620\HLYHPNCTY	18	208
>EGFR-C620\HLCHPNCTY	300	>EGFR-C620\HLYHPNCTY	19	281
>EGFR-C620\HLCHPNCTY	621	>EGFR-C620\HLYHPNCTY	155	466
>EGFR-C620\HLCHPNCTY	8179	>EGFR-C620\HLYHPNCTY	328	7851
>EGFR-C620\HLCHPNCTY	307	>EGFR-C620\HLYHPNCTY	326	19
>EGFR-C620\CHLCHPNCTY	62	>EGFR-C620\CHLYHPNCTY	58	4
>EGFR-C620\AGHVCHLC	25484	>EGFR-C620\AGHVCHLY	314	25170
>EGFR-C620\AGHVCHLC	22374	>EGFR-C620\AGHVCHLY	49	22325

>EGFR-C620\DAGHVCHLC	22057	>EGFR-C620\DAGHVCHLY	151	21906
>EGFR-C620\DAGHVCHLC	28692	>EGFR-C620\DAGHVCHLY	125	28567
>EGFR-C620\DAGHVCHLC	24163	>EGFR-C620\DAGHVCHLY	367	23796
>EGFR-C624FCTYGCTGPGL	3510	>EGFR-C624FCTYGCTGPGL	140	3370
>EGFR-C624FCTYGCTGPGL	344	>EGFR-C624FCTYGCTGPGL	24	320
>EGFR-C624FCTYGCTGPGL	1057	>EGFR-C624FCTYGCTGPGL	71	986
>EGFR-C624FCTYGCTGPGL	223	>EGFR-C624FCTYGCTGPGL	26	197
>EGFR-C624FCTYGCTGPGL	906	>EGFR-C624FCTYGCTGPGL	15	891
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>EGFR-C624FCTYGCTGPGL	3830	>EGFR-C624FCTYGCTGPGL	61	3769
>EGFR-C624FCTYGCTGPGL	3865	>EGFR-C624FCTYGCTGPGL	45	3820
>EGFR-C624FCTYGCTGPGL	669	>EGFR-C624FCTYGCTGPGL	345	324
>EGFR-C624FCTYGCTGPG	1299	>EGFR-C624FCTYGCTGPG	307	992
>EGFR-C624FCTYGCTGPGL	235	>EGFR-C624FCTYGCTGPGL	77	158
>EGFR-C624FCTYGCTGPGL	513	>EGFR-C624FCTYGCTGPGL	18	495
>EGFR-C624FCTYGCTGPGL	18	>EGFR-C624FCTYGCTGPGL	6	12
>EGFR-C624FCTYGCTGPGL	408	>EGFR-C624FCTYGCTGPGL	151	257
>EGFR-C624FCTYGCTGPGL	235	>EGFR-C624FCTYGCTGPGL	245	10
>EGFR-C624FGHVCHLCHPI	14221	>EGFR-C624FGHVCHLCHPI	127	14094
>EGFR-C624FLCHPNCTY	2033	>EGFR-C624FLCHPNFTY	207	1826
>EGFR-C624FLCHPNCTY	1870	>EGFR-C624FLCHPNFTY	498	1372
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>EGFR-C624FLCHPNCTY	1308	>EGFR-C624FLCHPNFTY	366	942
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>EGFR-C624FLCHPNCTY	579	>EGFR-C624FLCHPNFTY	72	507
>EGFR-C624FLCHPNCTY	1515	>EGFR-C624FLCHPNFTY	46	1469
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>EGFR-C624FLCHPNCTY	300	>EGFR-C624FLCHPNFTY	192	108
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>EGFR-C624FLCHPNCTY	307	>EGFR-C624FLCHPNFTY	47	260
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>EGFR-C624FCHLCHPNC	12459	>EGFR-C624FCHLCHPNF	48	12411
>EGFR-C624FCHLCHPNCTY	62	>EGFR-C624FCHLCHPNFTY	106	44
>EGFR-C624FVCHLCHPNC	965	>EGFR-C624FVCHLCHPNFT	249	716
>EGFR-C624FVCHLCHPNC	619	>EGFR-C624FVCHLCHPNFT	340	279
>EGFR-C624FHVCHLCHPNI	25165	>EGFR-C624FHVCHLCHPNI	197	24968
>EGFR-C624FHVCHLCHPNI	23623	>EGFR-C624FHVCHLCHPNI	227	23396
>EGFR-C636\CPTNGPKI	1531	>EGFR-C636\YPTNGPKI	179	1352
>EGFR-C636\CPTNGPKIPSI	1311	>EGFR-C636\YPTNGPKIPSI	145	1166

>EGFR-C636\CPTNGPKIPSI	3231	>EGFR-C636\YPTNGPKIPSI	215	3016
>EGFR-C636\CPTNGPKIPSI	542	>EGFR-C636\YPTNGPKIPSI	334	208
>EGFR-C636\CPTNGPKI	180	>EGFR-C636\YPTNGPKI	171	9
>EGFR-C636\CPTNGPKIPSI	141	>EGFR-C636\YPTNGPKIPSI	134	7
>EGFR-C636\CPTNGPKIPSI	510	>EGFR-C636\YPTNGPKIPSI	439	71
>EGFR-C636\CPTNGPKIPSI	234	>EGFR-C636\YPTNGPKIPSI	1298	1064
>EGFR-C636\GCPTNGPKI	18053	>EGFR-C636\GYPTNGPKI	20	18033
>EGFR-C636\YGCTGPGLEC	23446	>EGFR-C636\YGCTGPGLEC	187	23259
>EGFR-C636\YGCTGPGLEC	29542	>EGFR-C636\YGCTGPGLEC	439	29103
>EGFR-C636\EGCPTNGPK	1956	>EGFR-C636\EGYPTNGPK	491	1465
>EGFR-C636\LEGCPTNGPK	674	>EGFR-C636\LEGYPTNGPK	242	432
>EGFR-C636\LEGCPTNGPK	27	>EGFR-C636\LEGYPTNGPK	28	1
>EGFR-C636\TGPGLEG	4985	>EGFR-C636\TGPGLEGY	439	4546
>EGFR-C636\TGPGLEGCP	447	>EGFR-C636\TGPGLEGYP	281	166
>EGFR-C636\CTGPGLEG	21554	>EGFR-C636\CTGPGLEGY	171	21383
>EGFR-C636\CTGPGLEG	24303	>EGFR-C636\CTGPGLEGY	34	24269
>EGFR-C636\CTGPGLEG	29728	>EGFR-C636\CTGPGLEGY	248	29480
>EGFR-C636\CTGPGLEG	23726	>EGFR-C636\CTGPGLEGY	79	23647
>EGFR-C636\CTGPGLEG	27331	>EGFR-C636\CTGPGLEGY	137	27194
>EGFR-C636\CTGPGLEG	25184	>EGFR-C636\CTGPGLEGY	244	24940
>EGFR-C636\CTGPGLEG	18117	>EGFR-C636\CTGPGLEGY	39	18078
>EGFR-C775\CRLLGICL	1649	>EGFR-C775\YRLLGICL	301	1348
>EGFR-C775\CRLLGICL	260	>EGFR-C775\YRLLGICL	42	218
>EGFR-C775\CRLLGICLT	2932	>EGFR-C775\YRLLGICLT	456	2476
>EGFR-C775\CRLLGICLTST	3056	>EGFR-C775\YRLLGICLTST	491	2565
>EGFR-C775\CRLLGICL	752	>EGFR-C775\YRLLGICL	31	721
>EGFR-C775\VMASVDNPF	37	>EGFR-C775\VMASVDNPF	1250	1213
>EGFR-C775\VMASVDNPF	258	>EGFR-C775\VMASVDNPF	6181	5923
>EGFR-C775\VMASVDNPF	233	>EGFR-C775\VMASVDNPF	6524	6291
>EGFR-C775\VMASVDNPF	75	>EGFR-C775\VMASVDNPF	2095	2020
>EGFR-C775\VMASVDNPF	16272	>EGFR-C775\VMASVDNPF	16	16256
>EGFR-C775\VMASVDNPF	3789	>EGFR-C775\VMASVDNPF	5	3784
>EGFR-C775\VMASVDNPF	24813	>EGFR-C775\VMASVDNPF	75	24738
>EGFR-C775\VMASVDNPF	9283	>EGFR-C775\VMASVDNPF	46	9237
>EGFR-C775\VMASVDNPF	16896	>EGFR-C775\VMASVDNPF	53	16843
>EGFR-C775\VMASVDNPF	4438	>EGFR-C775\VMASVDNPF	23	4415
>EGFR-C775\VMASVDNPF	12913	>EGFR-C775\VMASVDNPF	163	12750
>EGFR-C775\VMASVDNPF	9670	>EGFR-C775\VMASVDNPF	138	9532
>EGFR-C775\HVCRLGI	1625	>EGFR-C775\HVYRLLGI	94	1531
>EGFR-C775\HVCRLGI	720	>EGFR-C775\HVYRLLGI	104	616
>EGFR-C775\HVCRLGI	5296	>EGFR-C775\HVYRLLGI	465	4831
>EGFR-C775\HVCRLGI	804	>EGFR-C775\HVYRLLGI	266	538
>EGFR-C775\HVCRLGI	1639	>EGFR-C775\HVYRLLGI	206	1433

>EGFR-C775\HVCRLG	1031	>EGFR-C775\HVYRLLGI	127	904
>EGFR-C775\HVCRLG	2981	>EGFR-C775\HVYRLLGI	61	2920
>EGFR-C775\HVCRLG	870	>EGFR-C775\HVYRLLGI	242	628
>EGFR-C775\NPHVCRL	65	>EGFR-C775\NPHVYRLL	95	30
>EGFR-C775\NPHVCRL	1920	>EGFR-C775\NPHVYRLL	446	1474
>EGFR-C775\NPHVCRLGI	1176	>EGFR-C775\NPHVYRLLGI	490	686
>EGFR-C775\VDNPHVCR	3291	>EGFR-C775\VDNPHVYR	329	2962
>EGFR-C775\VDNPHVCRL	538	>EGFR-C775\VDNPHVYRL	281	257
>EGFR-C775\VDNPHVCRLI	719	>EGFR-C775\VDNPHVYRLI	488	231
>EGFR-C775\SVDNPHVC	18538	>EGFR-C775\SVDNPHVY	92	18446
>EGFR-C775\SVDNPHVCRI	75	>EGFR-C775\SVDNPHVYRI	37	38
>EGFR-C775\SVDNPHVCRI	1156	>EGFR-C775\SVDNPHVYRI	315	841
>EGFR-C775\SVDNPHVCRI	449	>EGFR-C775\SVDNPHVYRI	514	65
>EGFR-C775\SVDNPHVCRI	204	>EGFR-C775\SVDNPHVYRI	381	177
>EGFR-C775\SVDNPHVC	23436	>EGFR-C775\SVDNPHVY	436	23000
>EGFR-C775\SVDNPHVCR	184	>EGFR-C775\SVDNPHVYR	48	136
>EGFR-C775\SVDNPHVC	23542	>EGFR-C775\SVDNPHVY	328	23214
>EGFR-C775\SVDNPHVC	21804	>EGFR-C775\SVDNPHVY	154	21650
>EGFR-C775\SVDNPHVCR	237	>EGFR-C775\SVDNPHVYR	23	214
>EGFR-C775\SVDNPHVCR	1972	>EGFR-C775\SVDNPHVYR	479	1493
>EGFR-C775\SVDNPHVCR	118	>EGFR-C775\SVDNPHVYR	60	58
>EGFR-C775\SVDNPHVCRI	627	>EGFR-C775\SVDNPHVYRI	192	435
>EGFR-C775\SVDNPHVC	25377	>EGFR-C775\SVDNPHVY	133	25244
>EGFR-C775\SVDNPHVC	38245	>EGFR-C775\SVDNPHVY	398	37847
>EGFR-C775\SVDNPHVCR	7244	>EGFR-C775\SVDNPHVYR	315	6929
>EGFR-C775\ASVDNPHVCI	300	>EGFR-C775\ASVDNPHVYI	42	258
>EGFR-C775\ASVDNPHVC	13806	>EGFR-C775\ASVDNPHVY	23	13783
>EGFR-C775\ASVDNPHVCI	389	>EGFR-C775\ASVDNPHVYI	150	239
>EGFR-C775\ASVDNPHVC	23589	>EGFR-C775\ASVDNPHVY	82	23507
>EGFR-C775\ASVDNPHVC	14293	>EGFR-C775\ASVDNPHVY	24	14269
>EGFR-C775\ASVDNPHVCI	113	>EGFR-C775\ASVDNPHVYI	64	49
>EGFR-C775\ASVDNPHVCI	423	>EGFR-C775\ASVDNPHVYI	25	398
>EGFR-C775\ASVDNPHVC	17700	>EGFR-C775\ASVDNPHVY	231	17469
>EGFR-C775\ASVDNPHVC	12828	>EGFR-C775\ASVDNPHVY	126	12702
>EGFR-C775\ASVDNPHVC	5346	>EGFR-C775\ASVDNPHVY	4	5342
>EGFR-C775\ASVDNPHVCI	6	>EGFR-C775\ASVDNPHVYI	7	1
>EGFR-C775\ASVDNPHVC	9546	>EGFR-C775\ASVDNPHVY	116	9430
>EGFR-C775\ASVDNPHVCI	1837	>EGFR-C775\ASVDNPHVYI	432	1405
>EGFR-C775\ASVDNPHVC	7331	>EGFR-C775\ASVDNPHVY	421	6910
>EGFR-C775\ASVDNPHVCI	154	>EGFR-C775\ASVDNPHVYI	106	48
>EGFR-C775\ASVDNPHVCI	1271	>EGFR-C775\ASVDNPHVYI	477	794
>EGFR-C775\ASVDNPHVCI	3035	>EGFR-C775\ASVDNPHVYI	285	2750
>EGFR-C775\MASVDNPHV	31650	>EGFR-C775\MASVDNPHV	222	31428



>EGFR-C775\MASVDNPHV	74	>EGFR-C775\MASVDNPHV	18	56
>EGFR-C775\MASVDNPHV	268	>EGFR-C775\MASVDNPHV	85	183
>EGFR-C775\MASVDNPHV	9	>EGFR-C775\MASVDNPHV	5	4
>EGFR-C775\MASVDNPHV	18466	>EGFR-C775\MASVDNPHV	275	18191
>EGFR-C775\MASVDNPHV	14229	>EGFR-C775\MASVDNPHV	197	14032
>EGFR-C775\MASVDNPHV	17819	>EGFR-C775\MASVDNPHV	34	17785
>EGFR-C775\MASVDNPHV	3952	>EGFR-C775\MASVDNPHV	38	3914
>EGFR-C775\MASVDNPHV	3297	>EGFR-C775\MASVDNPHV	285	3012
>EGFR-C797\CLLDYVRE	5026	>EGFR-C797\YLLDYVRE	78	4948
>EGFR-C797\CLLDYVREH	4523	>EGFR-C797\YLLDYVREH	61	4462
>EGFR-C797\CLLDYVREHK	3891	>EGFR-C797\YLLDYVREHK	87	3804
>EGFR-C797\CLLDYVREHK	5498	>EGFR-C797\YLLDYVREHK	128	5370
>EGFR-C797\CLLDYVRE	5335	>EGFR-C797\YLLDYVRE	41	5294
>EGFR-C797\CLLDYVREH	12038	>EGFR-C797\YLLDYVREH	264	11774
>EGFR-C797\CLLDYVREHK	4944	>EGFR-C797\YLLDYVREHK	44	4900
>EGFR-C797\CLLDYVREHK	8458	>EGFR-C797\YLLDYVREHK	111	8347
>EGFR-C797\CLLDYVREHK	74	>EGFR-C797\YLLDYVREHK	65	9
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>EGFR-C797\CLLDYVREHK	2021	>EGFR-C797\YLLDYVREHK	467	1554
>EGFR-C797\GCLLDYVR	1847	>EGFR-C797\GYLLDYVR	108	1739
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>EGFR-C797\QLITQLMPFG	20248	>EGFR-C797\QLITQLMPFG	69	20179
>EGFR-C797\QLITQLMPFG	31787	>EGFR-C797\QLITQLMPFG	230	31557
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>EGFR-C797\QLITQLMPFG	27346	>EGFR-C797\QLITQLMPFG	300	27046
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>EGFR-C797\QLITQLMPFG	18115	>EGFR-C797\QLITQLMPFG	492	17623
>EGFR-C797\FGCLLDYV	218	>EGFR-C797\FGYLLDYV	58	160
>EGFR-C797\FGCLLDYV	151	>EGFR-C797\FGYLLDYV	35	116
>EGFR-C797\FGCLLDYV	862	>EGFR-C797\FGYLLDYV	70	792
>EGFR-C797\FGCLLDYV	3018	>EGFR-C797\FGYLLDYV	70	2948
>EGFR-C797\FGCLLDYVR	542	>EGFR-C797\FGYLLDYVR	148	394
>EGFR-C797\FGCLLDYV	1571	>EGFR-C797\FGYLLDYV	296	1275
>EGFR-C797\FGCLLDYVR	78	>EGFR-C797\FGYLLDYVR	46	32
>EGFR-C797\PFGLLDY	31	>EGFR-C797\PFGLLDY	20	11
>EGFR-C797\PFGLLDY	341	>EGFR-C797\PFGLLDY	237	104
>EGFR-C797\PFGLLDYVR	35	>EGFR-C797\PFGLLDYVR	56	21
>EGFR-C797\MPFGCLLDY	79	>EGFR-C797\MPFGYLLDY	451	372
>EGFR-C797\MPFGCLLDY\	8	>EGFR-C797\MPFGYLLDY\	12	4
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>EGFR-C797\MPFGCLLDY\	131	>EGFR-C797\MPFGYLLDY\	119	12
>EGFR-C797\MPFGCLLDY\	399	>EGFR-C797\MPFGYLLDY\	173	226

>EGFR-C797\MPPFGCLLDY	17	>EGFR-C797\MPPFGYLLDY	12	5
>EGFR-C797\MPPFGCLLDY\	498	>EGFR-C797\MPPFGYLLDY\	359	139
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>EGFR-C797\MPPFGCLLDY\	63	>EGFR-C797\MPPFGYLLDY\	39	24
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>EGFR-C797\MPPFGCLLDY	297	>EGFR-C797\MPPFGYLLDY	258	39
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>EGFR-C797\MPPFGCLLDY\	80	>EGFR-C797\MPPFGYLLDY\	86	6
>EGFR-C797\MPPFGCLLDY	13	>EGFR-C797\MPPFGYLLDY	26	13
>EGFR-C797\MPPFGCLLD	63	>EGFR-C797\MPPFGYLLD	82	19
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>EGFR-C797\MPPFGCLLDY\	32	>EGFR-C797\MPPFGYLLDY\	58	26
>EGFR-C797\LMPFGCLL	297	>EGFR-C797\LMPFGYLL	81	216
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>EGFR-C797\LMPFGCLL	71	>EGFR-C797\LMPFGYLL	22	49
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>EGFR-C797\LMPFGCLL	248	>EGFR-C797\LMPFGYLL	181	67
>EGFR-C797\LMPFGCLLDY	12	>EGFR-C797\LMPFGYLLDY	14	2
>EGFR-C797\LMPFGCLL	35	>EGFR-C797\LMPFGYLL	15	20
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>EGFR-C797\LMPFGCLLDY	14	>EGFR-C797\LMPFGYLLDY	9	5
>EGFR-C797\LMPFGCLL	83	>EGFR-C797\LMPFGYLL	63	20
>EGFR-C797\LMPFGCLLDY	8	>EGFR-C797\LMPFGYLLDY	7	1
>EGFR-C797\LMPFGCLL	489	>EGFR-C797\LMPFGYLL	248	241
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>EGFR-C797\LMPFGCLLDY	596	>EGFR-C797\LMPFGYLLDY	329	267
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>EGFR-C797\LMPFGCLLDY	344	>EGFR-C797\LMPFGYLLDY	632	288
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>EGFR-C797\QLMPFGCL	215	>EGFR-C797\QLMPFGYL	32	183
>EGFR-C797\QLMPFGCLL	39	>EGFR-C797\QLMPFGYLL	12	27
>EGFR-C797\QLMPFGCL	30	>EGFR-C797\QLMPFGYL	6	24
>EGFR-C797\QLMPFGCLL	8	>EGFR-C797\QLMPFGYLL	3	5
>EGFR-C797\QLMPFGCL	212	>EGFR-C797\QLMPFGYL	25	187
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>EGFR-C797\QLMPFGCL	123	>EGFR-C797\QLMPFGYL	10	113
>EGFR-C797\QLMPFGCLL	17	>EGFR-C797\QLMPFGYLL	15	2
>EGFR-C797\QLMPFGCL	120	>EGFR-C797\QLMPFGYL	22	98
>EGFR-C797\QLMPFGCLL	42	>EGFR-C797\QLMPFGYLL	10	32
>EGFR-C797\QLMPFGCL	485	>EGFR-C797\QLMPFGYL	212	273
>EGFR-C797\QLMPFGCLL	96	>EGFR-C797\QLMPFGYLL	151	55
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>EGFR-C797\QLMPFGCLL	37	>EGFR-C797\QLMPFGYLL	15	22
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>EGFR-C797\QLMPFGCLL	4	>EGFR-C797\QLMPFGYLL	6	2
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>EGFR-C797\QLMPFGCLLI	15	>EGFR-C797\QLMPFGYLLI	7	8
>EGFR-C797\QLMPFGCLLI	328	>EGFR-C797\QLMPFGYLLI	202	126
>EGFR-C797\QLMPFGCLL	2135	>EGFR-C797\QLMPFGYLL	203	1932
>EGFR-C797\QLMPFGCL	1232	>EGFR-C797\QLMPFGYL	114	1118
>EGFR-C797\QLMPFGCLL	1222	>EGFR-C797\QLMPFGYLL	135	1087
>EGFR-C797\QLMPFGCL	2410	>EGFR-C797\QLMPFGYL	137	2273
>EGFR-C797\QLMPFGCLL	639	>EGFR-C797\QLMPFGYLL	322	317
>EGFR-C797\QLMPFGCLLI	23	>EGFR-C797\QLMPFGYLLI	10	13
>EGFR-C797\QLMPFGCLLI	111	>EGFR-C797\QLMPFGYLLI	124	13
>EGFR-C797\QLMPFGCLLI	92	>EGFR-C797\QLMPFGYLLI	70	22
>EGFR-C797\QLMPFGCLLI	124	>EGFR-C797\QLMPFGYLLI	93	31
>EGFR-C797\QLMPFGCLLI	550	>EGFR-C797\QLMPFGYLLI	298	252
>EGFR-C797\TQLMPFGCLI	623	>EGFR-C797\TQLMPFGYLL	240	383
>EGFR-C797\TQLMPFGC	325	>EGFR-C797\TQLMPFGY	2034	1709
>EGFR-C797\TQLMPFGCL	200	>EGFR-C797\TQLMPFGYL	17	183
>EGFR-C797\TQLMPFGCLI	128	>EGFR-C797\TQLMPFGYLL	55	73

>EGFR-C797\TQLMPFGC	24473	>EGFR-C797\TQLMPFGY	473	24000
>EGFR-C797\TQLMPFGC	32716	>EGFR-C797\TQLMPFGY	337	32379
>EGFR-C797\TQLMPFGC	24659	>EGFR-C797\TQLMPFGY	199	24460
>EGFR-C797\TQLMPFGC	32253	>EGFR-C797\TQLMPFGY	307	31946
>EGFR-C797\TQLMPFGC	17753	>EGFR-C797\TQLMPFGY	244	17509
>EGFR-C797\TQLMPFGC	19607	>EGFR-C797\TQLMPFGY	190	19417
>EGFR-C797\TQLMPFGC	10890	>EGFR-C797\TQLMPFGY	64	10826
>EGFR-C797\TQLMPFGCL	581	>EGFR-C797\TQLMPFGYL	425	156
>EGFR-C797\TQLMPFGCLI	251	>EGFR-C797\TQLMPFGYLL	220	31
>EGFR-C797\TQLMPFGCLI	420	>EGFR-C797\TQLMPFGYLL	213	207
>EGFR-C797\TQLMPFGCLI	1070	>EGFR-C797\TQLMPFGYLL	238	832
>EGFR-C797\ITQLMPFGC	19469	>EGFR-C797\ITQLMPFGY	66	19403
>EGFR-C797\ITQLMPFGCL	2317	>EGFR-C797\ITQLMPFGYL	478	1839
>EGFR-C797\ITQLMPFGC	20716	>EGFR-C797\ITQLMPFGY	59	20657
>EGFR-C797\ITQLMPFGC	20013	>EGFR-C797\ITQLMPFGY	20	19993
>EGFR-C797\ITQLMPFGC	24251	>EGFR-C797\ITQLMPFGY	91	24160
>EGFR-C797\ITQLMPFGCL	1587	>EGFR-C797\ITQLMPFGYL	362	1225
>EGFR-C797\ITQLMPFGC	23859	>EGFR-C797\ITQLMPFGY	91	23768
>EGFR-C797\ITQLMPFGC	5057	>EGFR-C797\ITQLMPFGY	5	5052
>EGFR-C797\ITQLMPFGCL	365	>EGFR-C797\ITQLMPFGYL	40	325
>EGFR-C797\ITQLMPFGCL	17	>EGFR-C797\ITQLMPFGYL	26	9
>EGFR-C797\ITQLMPFGC	15588	>EGFR-C797\ITQLMPFGY	351	15237
>EGFR-C797\ITQLMPFGCL	719	>EGFR-C797\ITQLMPFGYL	102	617
>EGFR-C797\ITQLMPFGCL	120	>EGFR-C797\ITQLMPFGYL	32	88
>EGFR-C797\ITQLMPFGC	13812	>EGFR-C797\ITQLMPFGY	132	13680
>EGFR-C797\ITQLMPFGCL	187	>EGFR-C797\ITQLMPFGYL	40	147
>EGFR-C797\ITQLMPFGCL	132	>EGFR-C797\ITQLMPFGYL	79	53
>EGFR-C797\LITQLMPFGC	1263	>EGFR-C797\LITQLMPFGY	286	977
>EGFR-C797\LITQLMPFGC	1123	>EGFR-C797\LITQLMPFGY	131	992
>EGFR-C797\LITQLMPFGC	3904	>EGFR-C797\LITQLMPFGY	342	3562
>EGFR-C797\LITQLMPFGC	623	>EGFR-C797\LITQLMPFGY	103	520
>EGFR-C797\LITQLMPFGC	26837	>EGFR-C797\LITQLMPFGY	295	26542
>EGFR-C797\LITQLMPFGC	25493	>EGFR-C797\LITQLMPFGY	103	25390
>EGFR-C797\LITQLMPFGC	24466	>EGFR-C797\LITQLMPFGY	74	24392
>EGFR-C797\LITQLMPFGC	14577	>EGFR-C797\LITQLMPFGY	48	14529
>EGFR-C818\CVQIAKGMN	982	>EGFR-C818\YVQIAKGMN	425	557
>EGFR-C818\CVQIAKGMN	2867	>EGFR-C818\YVQIAKGMN	213	2654
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>EGFR-C818\CVQIAKGMN	10287	>EGFR-C818\YVQIAKGMN	224	10063
>EGFR-C818\CVQIAKGMN	1098	>EGFR-C818\YVQIAKGMN	260	838
>EGFR-C818\CVQIAKGMN	329	>EGFR-C818\YVQIAKGMN	242	87
>EGFR-C818\CVQIAKGMN	1462	>EGFR-C818\YVQIAKGMN	466	996
>EGFR-C818\CVQIAKGMN	301	>EGFR-C818\YVQIAKGMN	65	236

>EGFR-C818\CVQIAKGMN	3863	>EGFR-C818\YVQIAKGMN	287	3576
>EGFR-C818\CVQIAKGMN	3277	>EGFR-C818\YVQIAKGMN	172	3105
>EGFR-C818\CVQIAKGMN	3025	>EGFR-C818\YVQIAKGMN	151	2874
>EGFR-C818\CVQIAKGMN	969	>EGFR-C818\YVQIAKGMN	108	861
>EGFR-C818\CVQIAKGMN	9116	>EGFR-C818\YVQIAKGMN	483	8633
>EGFR-C818\WCVQIAKGM	25570	>EGFR-C818\WYVQIAKGM	115	25455
>EGFR-C818\WCVQIAKGM	23373	>EGFR-C818\WYVQIAKGM	213	23160
>EGFR-C818\WCVQIAKGM	249	>EGFR-C818\WYVQIAKGM	306	57
>EGFR-C818\WCVQIAKGM	610	>EGFR-C818\WYVQIAKGM	32	578
>EGFR-C818\WCVQIAKGM	454	>EGFR-C818\WYVQIAKGM	218	236
>EGFR-C818\WCVQIAKGM	176	>EGFR-C818\WYVQIAKGM	1655	1479
>EGFR-C818\WCVQIAKGM	127	>EGFR-C818\WYVQIAKGM	978	851
>EGFR-C818\WCVQIAKGM	2926	>EGFR-C818\WYVQIAKGM	265	2661
>EGFR-C818\NIGSQYLLNW	24415	>EGFR-C818\NIGSQYLLNW	178	24237
>EGFR-C818\NIGSQYLLNW	22386	>EGFR-C818\NIGSQYLLNW	308	22078
>EGFR-C818\NIGSQYLLNW	26314	>EGFR-C818\NIGSQYLLNW	164	26150
>EGFR-C818\NWCVQIAK	292	>EGFR-C818\NWYVQIAK	130	162
>EGFR-C818\NWCVQIAK	1026	>EGFR-C818\NWYVQIAK	408	618
>EGFR-C818\LLNWCVQI	39	>EGFR-C818\LLNWWYVQI	33	6
>EGFR-C818\LLNWCVQIA	168	>EGFR-C818\LLNWWYVQIA	98	70
>EGFR-C818\LLNWCVQI	20	>EGFR-C818\LLNWWYVQI	13	7
>EGFR-C818\LLNWCVQIA	58	>EGFR-C818\LLNWWYVQIA	24	34
>EGFR-C818\LLNWCVQI	12	>EGFR-C818\LLNWWYVQI	8	4
>EGFR-C818\LLNWCVQIA	7	>EGFR-C818\LLNWWYVQIA	6	1
>EGFR-C818\LLNWCVQI	659	>EGFR-C818\LLNWWYVQI	468	191
>EGFR-C818\LLNWCVQI	6	>EGFR-C818\LLNWWYVQI	3	3
>EGFR-C818\LLNWCVQIA	40	>EGFR-C818\LLNWWYVQIA	7	33
>EGFR-C818\LLNWCVQIA†	971	>EGFR-C818\LLNWWYVQIA†	280	691
>EGFR-C818\LLNWCVQI	100	>EGFR-C818\LLNWWYVQI	56	44
>EGFR-C818\LLNWCVQIA	231	>EGFR-C818\LLNWWYVQIA	225	6
>EGFR-C818\LLNWCVQI	28	>EGFR-C818\LLNWWYVQI	18	10
>EGFR-C818\LLNWCVQIA	98	>EGFR-C818\LLNWWYVQIA	60	38
>EGFR-C818\LLNWCVQI	14	>EGFR-C818\LLNWWYVQI	12	2
>EGFR-C818\LLNWCVQIA	68	>EGFR-C818\LLNWWYVQIA	91	23
>EGFR-C818\LLNWCVQI	3	>EGFR-C818\LLNWWYVQI	3	0
>EGFR-C818\LLNWCVQIA	4	>EGFR-C818\LLNWWYVQIA	3	1
>EGFR-C818\LLNWCVQIA†	494	>EGFR-C818\LLNWWYVQIA†	307	187
>EGFR-C818\LLNWCVQIA†	511	>EGFR-C818\LLNWWYVQIA†	331	180
>EGFR-C818\LLNWCVQIA†	42	>EGFR-C818\LLNWWYVQIA†	40	2
>EGFR-C818\LLNWCVQIA†	100	>EGFR-C818\LLNWWYVQIA†	62	38
>EGFR-C818\LLNWCVQIA†	223	>EGFR-C818\LLNWWYVQIA†	398	175
>EGFR-C818\LLNWCVQI	607	>EGFR-C818\LLNWWYVQI	482	125
>EGFR-C818\YLLNWCVQ	1146	>EGFR-C818\YLLNWWYVQ	347	799

>EGFR-C818\YLLNWCVCVQI	7	>EGFR-C818\YLLNWCVCVQI	8	1
>EGFR-C818\YLLNWCVCVQI/A	19	>EGFR-C818\YLLNWCVCVQI/A	21	2
>EGFR-C818\YLLNWCVCVQI	32	>EGFR-C818\YLLNWCVCVQI	26	6
>EGFR-C818\YLLNWCVCVQI/A	51	>EGFR-C818\YLLNWCVCVQI/A	23	28
>EGFR-C818\YLLNWCVCVQI	21	>EGFR-C818\YLLNWCVCVQI	13	8
>EGFR-C818\YLLNWCVCVQI/A	23	>EGFR-C818\YLLNWCVCVQI/A	18	5
>EGFR-C818\YLLNWCVCVQ	540	>EGFR-C818\YLLNWCVCVQ	485	55
>EGFR-C818\YLLNWCVCVQI	12	>EGFR-C818\YLLNWCVCVQI	15	3
>EGFR-C818\YLLNWCVCVQI/A	57	>EGFR-C818\YLLNWCVCVQI/A	65	8
>EGFR-C818\YLLNWCVCVQ	16	>EGFR-C818\YLLNWCVCVQ	9	7
>EGFR-C818\YLLNWCVCVQI	1	>EGFR-C818\YLLNWCVCVQI	1	0
>EGFR-C818\YLLNWCVCVQI/A	3	>EGFR-C818\YLLNWCVCVQI/A	2	1
>EGFR-C818\YLLNWCVCVQI/A	30	>EGFR-C818\YLLNWCVCVQI/A	22	8
>EGFR-C818\YLLNWCVCVQ	200	>EGFR-C818\YLLNWCVCVQ	43	157
>EGFR-C818\YLLNWCVCVQI	4	>EGFR-C818\YLLNWCVCVQI	3	1
>EGFR-C818\YLLNWCVCVQI/A	6	>EGFR-C818\YLLNWCVCVQI/A	4	2
>EGFR-C818\YLLNWCVCVQ	24	>EGFR-C818\YLLNWCVCVQ	27	3
>EGFR-C818\YLLNWCVCVQI	4	>EGFR-C818\YLLNWCVCVQI	4	0
>EGFR-C818\YLLNWCVCVQI/A	6	>EGFR-C818\YLLNWCVCVQI/A	5	1
>EGFR-C818\YLLNWCVCVQI/A	526	>EGFR-C818\YLLNWCVCVQI/A	296	230
>EGFR-C818\YLLNWCVCVQ	448	>EGFR-C818\YLLNWCVCVQ	245	203
>EGFR-C818\YLLNWCVCVQI	2	>EGFR-C818\YLLNWCVCVQI	2	0
>EGFR-C818\YLLNWCVCVQI/A	5	>EGFR-C818\YLLNWCVCVQI/A	4	1
>EGFR-C818\YLLNWCVCVQ	6	>EGFR-C818\YLLNWCVCVQ	8	2
>EGFR-C818\YLLNWCVCVQI	2	>EGFR-C818\YLLNWCVCVQI	2	0
>EGFR-C818\YLLNWCVCVQI/A	2	>EGFR-C818\YLLNWCVCVQI/A	2	0
>EGFR-C818\YLLNWCVCVQI/A	52	>EGFR-C818\YLLNWCVCVQI/A	46	6
>EGFR-C818\YLLNWCVCVQI/A	79	>EGFR-C818\YLLNWCVCVQI/A	70	9
>EGFR-C818\YLLNWCVCVQI/A	83	>EGFR-C818\YLLNWCVCVQI/A	48	35
>EGFR-C818\YLLNWCVCVQI	46	>EGFR-C818\YLLNWCVCVQI	31	15
>EGFR-C818\YLLNWCVCVQI	1424	>EGFR-C818\YLLNWCVCVQI	292	1132
>EGFR-C818\YLLNWCVCVQI	1348	>EGFR-C818\YLLNWCVCVQI	142	1206
>EGFR-C818\YLLNWCVCVQI	65	>EGFR-C818\YLLNWCVCVQI	109	44
>EGFR-C818\YLLNWCVCVQI/A	417	>EGFR-C818\YLLNWCVCVQI/A	452	35
>EGFR-C818\YLLNWCVCVQI	22	>EGFR-C818\YLLNWCVCVQI	11	11
>EGFR-C818\YLLNWCVCVQI/A	1116	>EGFR-C818\YLLNWCVCVQI/A	319	797
>EGFR-C818\YLLNWCVCVQI	288	>EGFR-C818\YLLNWCVCVQI	148	140
>EGFR-C818\YLLNWCVCVQI/A	816	>EGFR-C818\YLLNWCVCVQI/A	480	336
>EGFR-C818\YLLNWCVCV	808	>EGFR-C818\YLLNWCVCV	287	521
>EGFR-C818\YLLNWCVCVQ	106	>EGFR-C818\YLLNWCVCVQ	308	202
>EGFR-C818\YLLNWCVCV	2493	>EGFR-C818\YLLNWCVCV	211	2282
>EGFR-C818\YLLNWCVCV	3506	>EGFR-C818\YLLNWCVCV	360	3146
>EGFR-C818\YLLNWCVCV	368	>EGFR-C818\YLLNWCVCV	33	335

>EGFR-C818\QYLLNWCVQ	11	>EGFR-C818\QYLLNWCVQ	8	3
>EGFR-C818\QYLLNWCVQ	302	>EGFR-C818\QYLLNWCVQ	104	198
>EGFR-C818\QYLLNWCV	512	>EGFR-C818\QYLLNWCV	164	348
>EGFR-C818\QYLLNWCVQ	2752	>EGFR-C818\QYLLNWCVQ	361	2391
>EGFR-C818\SQYLLNWCV(	1026	>EGFR-C818\SQYLLNWCV(	356	670
>EGFR-C818\SQYLLNWCV(	52	>EGFR-C818\SQYLLNWCV(	84	32
>EGFR-C818\SQYLLNWCV	19	>EGFR-C818\SQYLLNWCV	8	11
>EGFR-C818\SQYLLNWCV(	221	>EGFR-C818\SQYLLNWCV(	192	29
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>EGFR-C818\SQYLLNWCV(	601	>EGFR-C818\SQYLLNWCV(	367	234
>EGFR-C818\SQYLLNWCV	559	>EGFR-C818\SQYLLNWCV	45	514
>EGFR-C818\SQYLLNWCV(	570	>EGFR-C818\SQYLLNWCV(	277	293
>EGFR-C818\SQYLLNWC	418	>EGFR-C818\SQYLLNWC	2107	1689
>EGFR-C818\SQYLLNWCV	6	>EGFR-C818\SQYLLNWCV	3	3
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>EGFR-C818\SQYLLNWCV	30	>EGFR-C818\SQYLLNWCV	3	27
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>EGFR-C818\SQYLLNWCV	21	>EGFR-C818\SQYLLNWCV	6	15
>EGFR-C818\SQYLLNWCV	10	>EGFR-C818\SQYLLNWCV	6	4
>EGFR-C818\SQYLLNWCV(	254	>EGFR-C818\SQYLLNWCV(	132	122
>EGFR-C818\SQYLLNWCV	999	>EGFR-C818\SQYLLNWCV	164	835
>EGFR-C818\SQYLLNWCV	375	>EGFR-C818\SQYLLNWCV	51	324
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>EGFR-C818\SQYLLNWCV(	165	>EGFR-C818\SQYLLNWCV(	197	32
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>EGFR-C818\SQYLLNWC	15017	>EGFR-C818\SQYLLNWC	117	14900
>EGFR-C818\SQYLLNWC	23442	>EGFR-C818\SQYLLNWC	254	23188
>EGFR-C818\SQYLLNWC	9432	>EGFR-C818\SQYLLNWC	63	9369
>EGFR-C818\SQYLLNWCV	458	>EGFR-C818\SQYLLNWCV	373	85
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>EGFR-C818\SQYLLNWCV	297	>EGFR-C818\SQYLLNWCV	2087	1790
>EGFR-C818\SQYLLNWCV(	636	>EGFR-C818\SQYLLNWCV(	325	311
>EGFR-C818\SQYLLNWCV(	185	>EGFR-C818\SQYLLNWCV(	228	43
>EGFR-C818\SQYLLNWCV(	502	>EGFR-C818\SQYLLNWCV(	417	85
>EGFR-C818\GSQYLLNWC'	3286	>EGFR-C818\GSQYLLNWC'	458	2828
>EGFR-C818\GSQYLLNWC'	1929	>EGFR-C818\GSQYLLNWC'	424	1505
>EGFR-C818\GSQYLLNWC	31381	>EGFR-C818\GSQYLLNWC	209	31172
>EGFR-C818\GSQYLLNWC	23267	>EGFR-C818\GSQYLLNWC	38	23229
>EGFR-C818\GSQYLLNWC	26654	>EGFR-C818\GSQYLLNWC	244	26410
>EGFR-C818\GSQYLLNWC	1563	>EGFR-C818\GSQYLLNWC	5	1558
>EGFR-C818\GSQYLLNWC'	1216	>EGFR-C818\GSQYLLNWC'	162	1054
>EGFR-C818\IGSQYLLNWC	936	>EGFR-C818\IGSQYLLNWC	149	787
>EGFR-C818\IGSQYLLNWC	1706	>EGFR-C818\IGSQYLLNWC	186	1520

>EGFR-C818\IGSQYLLNWC	3870	>EGFR-C818\IGSQYLLNWC	310	3560
>EGFR-C818\IGSQYLLNWC	31691	>EGFR-C818\IGSQYLLNWC	405	31286
>EGFR-C818\IGSQYLLNWC	24749	>EGFR-C818\IGSQYLLNWC	406	24343
>EGFR-D101;VDADEYLI	290	>EGFR-D101;VHADEYLI	9884	9594
>EGFR-D101;VDADEYLI	25	>EGFR-D101;VHADEYLI	4522	4497
>EGFR-D101;VVDADEYL	354	>EGFR-D101;VVHADEYL	379	25
>EGFR-D101;VVDADEYL	237	>EGFR-D101;VVHADEYL	945	708
>EGFR-D101;VVDADEYL	223	>EGFR-D101;VVHADEYL	410	187
>EGFR-D101;VVDADEYL	946	>EGFR-D101;VVHADEYL	485	461
>EGFR-D101;DVVDADEY	34	>EGFR-D101;DVVHADEY	119	85
>EGFR-D101;DVVDADEY	7	>EGFR-D101;DVVHADEY	9	2
>EGFR-D101;DVVDADEYL	34	>EGFR-D101;DVVHADEYL	55	21
>EGFR-D101;DVVDADEY	450	>EGFR-D101;DVVHADEY	500	50
>EGFR-D101;DVVDADEY	264	>EGFR-D101;DVVHADEY	462	198
>EGFR-D101;DVVDADEYL	13	>EGFR-D101;DVVHADEYL	17	4
>EGFR-D101;DVVDADEYLI	313	>EGFR-D101;DVVHADEYLI	373	60
>EGFR-D101;DVVDADEYL	457	>EGFR-D101;DVVHADEYL	2664	2207
>EGFR-D101;DVVDADEY	73	>EGFR-D101;DVVHADEY	80	7
>EGFR-D101;DDVVDADEY	43	>EGFR-D101;DDVVHADEY	40	3
>EGFR-D101;DMDDVVDAI	107	>EGFR-D101;DMDDVVHAI	68	39
>EGFR-D101;DMDDVVDA	250	>EGFR-D101;DMDDVVHA	46	204
>EGFR-D101;DMDDVVDA	2112	>EGFR-D101;DMDDVVHA	381	1731
>EGFR-D101;DMDDVVDA	158	>EGFR-D101;DMDDVVHA	42	116
>EGFR-D101;DMDDVVDA	660	>EGFR-D101;DMDDVVHA	165	495
>EGFR-D101;DMDDVVDA	918	>EGFR-D101;DMDDVVHA	231	687
>EGFR-D101;DMDDVVDAI	829	>EGFR-D101;DMDDVVHAI	469	360
>EGFR-D101;DMDDVVDAI	364	>EGFR-D101;DMDDVVHAI	359	5
>EGFR-D101;EEDMDDVV	408	>EGFR-D101;EEDMDDVVF	435	27
>EGFR-D256;DEATCKDT	12042	>EGFR-D256;AEATCKDT	163	11879
>EGFR-D256;DEATCKDTCF	6143	>EGFR-D256;AEATCKDTCF	421	5722
>EGFR-D256;DEATCKDTC	12742	>EGFR-D256;AEATCKDTC	318	12424
>EGFR-D256;FRDEATCK	827	>EGFR-D256;FRAEATCK	99	728
>EGFR-D256;KFRDEATC	1270	>EGFR-D256;KFRAEATC	378	892
>EGFR-D256;KFRDEATCK	13	>EGFR-D256;KFRAEATCK	8	5
>EGFR-D256;KFRDEATCK	793	>EGFR-D256;KFRAEATCK	479	314
>EGFR-D256;RKFRDEAT	218	>EGFR-D256;RKFRAEAT	123	95
>EGFR-D256;RKFRDEATC	187	>EGFR-D256;RKFRAEATC	177	10
>EGFR-D256;RKFRDEATCK	35	>EGFR-D256;RKFRAEATCK	26	9
>EGFR-D256;VCRKFRDEA	2016	>EGFR-D256;VCRKFRAEA	114	1902
>EGFR-D256;CLVCRKFRDE	1357	>EGFR-D256;CLVCRKFRAE	387	970
>EGFR-D256;CLVCRKFRDE	1913	>EGFR-D256;CLVCRKFRAE	487	1426
>EGFR-D46N DHFLSLQR	361	>EGFR-D46N NHFLSLQR	541	180
>EGFR-D46N DHFLSLQRMI	318	>EGFR-D46N NHFLSLQRMI	74	244



>EGFR-D46N DHFSLSLQRM	902	>EGFR-D46N NHFSLSLQRM	464	438
>EGFR-D46N DHFSLSLQR	1083	>EGFR-D46N NHFSLSLQR	329	754
>EGFR-D46N EDHFSLSLQR	174	>EGFR-D46N ENHFSLSLQR	39	135
>EGFR-D46N FEDHFLSL	52	>EGFR-D46N FENHFLSL	58	6
>EGFR-D46N FEDHFLSLQ	1397	>EGFR-D46N FENHFLSLQ	395	1002
>EGFR-D46N FEDHFLSLQR	206	>EGFR-D46N FENHFLSLQR	62	144
>EGFR-D46N FEDHFLSL	1263	>EGFR-D46N FENHFLSL	388	875
>EGFR-D46N FEDHFLSL	86	>EGFR-D46N FENHFLSL	198	112
>EGFR-D46N FEDHFLSL	3129	>EGFR-D46N FENHFLSL	126	3003
>EGFR-D46N FEDHFLSLQR	6643	>EGFR-D46N FENHFLSLQR	430	6213
>EGFR-D46N FEDHFLSL	518	>EGFR-D46N FENHFLSL	169	349
>EGFR-D46N FEDHFLSL	136	>EGFR-D46N FENHFLSL	381	245
>EGFR-D46N FEDHFLSL	13	>EGFR-D46N FENHFLSL	18	5
>EGFR-D46N FEDHFLSLQR	286	>EGFR-D46N FENHFLSLQR	601	315
>EGFR-D46N FEDHFLSL	40	>EGFR-D46N FENHFLSL	14	26
>EGFR-D46N FEDHFLSLQR	501	>EGFR-D46N FENHFLSLQR	416	85
>EGFR-D46N FEDHFLSLQR	772	>EGFR-D46N FENHFLSLQR	156	616
>EGFR-D46N FEDHFLSL	1803	>EGFR-D46N FENHFLSL	383	1420
>EGFR-D46N FEDHFLSLQR	72	>EGFR-D46N FENHFLSLQR	41	31
>EGFR-D46N TFEDHFLSL	810	>EGFR-D46N TFENHFLSL	454	356
>EGFR-D46N TFEDHFLSL	689	>EGFR-D46N TFENHFLSL	236	453
>EGFR-D46N TFEDHFLSLQ	169	>EGFR-D46N TFENHFLSLQ	103	66
>EGFR-D46N TFEDHFLSLQ	473	>EGFR-D46N TFENHFLSLQ	586	113
>EGFR-D46N TFEDHFLSLQ	475	>EGFR-D46N TFENHFLSLQ	511	36
>EGFR-D46N TFEDHFLSL	2053	>EGFR-D46N TFENHFLSL	389	1664
>EGFR-D46N TFEDHFLSLQ	48	>EGFR-D46N TFENHFLSLQ	88	40
>EGFR-D46N TFEDHFLSL	138	>EGFR-D46N TFENHFLSL	149	11
>EGFR-D46N GTFEDHFL	229	>EGFR-D46N GTFENHFL	194	35
>EGFR-D46N GTFEDHFLSL	205	>EGFR-D46N GTFENHFLSL	282	77
>EGFR-D46N GTFEDHFL	36	>EGFR-D46N GTFENHFL	30	6
>EGFR-D46N GTFEDHFLSL	43	>EGFR-D46N GTFENHFLSL	73	30
>EGFR-D46N GTFEDHFLSL	142	>EGFR-D46N GTFENHFLSL	113	29
>EGFR-D46N GTFEDHFL	77	>EGFR-D46N GTFENHFL	78	1
>EGFR-D46N GTFEDHFLSL	124	>EGFR-D46N GTFENHFLSL	228	104
>EGFR-D46N GTFEDHFL	42	>EGFR-D46N GTFENHFL	22	20
>EGFR-D46N GTFEDHFLSL	50	>EGFR-D46N GTFENHFLSL	37	13
>EGFR-D46N GTFEDHFL	113	>EGFR-D46N GTFENHFL	73	40
>EGFR-D46N GTFEDHFLSL	473	>EGFR-D46N GTFENHFLSL	288	185
>EGFR-D46N GTFEDHFL	59	>EGFR-D46N GTFENHFL	81	22
>EGFR-D46N GTFEDHFLSL	346	>EGFR-D46N GTFENHFLSL	458	112
>EGFR-D46N GTFEDHFL	401	>EGFR-D46N GTFENHFL	284	117
>EGFR-D46N GTFEDHFLSL	499	>EGFR-D46N GTFENHFLSL	549	50
>EGFR-D46N GTFEDHFLSL	69	>EGFR-D46N GTFENHFLSL	38	31

>EGFR-D46N GTFEDHFLSLI	514	>EGFR-D46N GTFENHFLSLI	327	187
>EGFR-D46N GTFEDHFL	392	>EGFR-D46N GTFENHFL	186	206
>EGFR-D46N GTFEDHFLSL	472	>EGFR-D46N GTFENHFLSL	422	50
>EGFR-D46N GTFEDHFL	1124	>EGFR-D46N GTFENHFL	335	789
>EGFR-D46N GTFEDHFL	43	>EGFR-D46N GTFENHFL	26	17
>EGFR-D46N GTFEDHFLSL	18	>EGFR-D46N GTFENHFLSL	13	5
>EGFR-D46N GTFEDHFL	1804	>EGFR-D46N GTFENHFL	458	1346
>EGFR-D46N GTFEDHFLSL	188	>EGFR-D46N GTFENHFLSL	115	73
>EGFR-D46N GTFEDHFLSL	678	>EGFR-D46N GTFENHFLSL	315	363
>EGFR-D46N GTFEDHFLSLI	50	>EGFR-D46N GTFENHFLSLI	71	21
>EGFR-D46N GTFEDHFL	636	>EGFR-D46N GTFENHFL	499	137
>EGFR-D46N GTFEDHFLS	310	>EGFR-D46N GTFENHFLS	219	91
>EGFR-D46N GTFEDHFLSL	183	>EGFR-D46N GTFENHFLSL	153	30
>EGFR-D46N GTFEDHFLSLI	468	>EGFR-D46N GTFENHFLSLI	381	87
>EGFR-D46N GTFEDHFL	261	>EGFR-D46N GTFENHFL	321	60
>EGFR-D46N QLGTEDHFL	310	>EGFR-D46N QLGTEDHFL	356	46
>EGFR-D46N QLGTEDHFL	19	>EGFR-D46N QLGTEDHFL	24	5
>EGFR-D46N QLGTEDHFL	563	>EGFR-D46N QLGTEDHFL	350	213
>EGFR-D46N QLGTEDHFL	234	>EGFR-D46N QLGTEDHFL	193	41
>EGFR-D46N QLGTEDHFL	143	>EGFR-D46N QLGTEDHFL	134	9
>EGFR-D46N QLGTEDHFL	197	>EGFR-D46N QLGTEDHFL	306	109
>EGFR-D46N QLGTEDHFL	317	>EGFR-D46N QLGTEDHFL	146	171
>EGFR-D46N QLGTEDHFL	47	>EGFR-D46N QLGTEDHFL	30	17
>EGFR-D46N QLGTEDHF	1186	>EGFR-D46N QLGTEDHF	347	839
>EGFR-D46N TQLGTEDHF	833	>EGFR-D46N TQLGTEDHF	395	438
>EGFR-D46N TQLGTEDHF	434	>EGFR-D46N TQLGTEDHF	202	232
>EGFR-D46N TQLGTEDHF	13	>EGFR-D46N TQLGTEDHF	9	4
>EGFR-D46N TQLGTEDHF	806	>EGFR-D46N TQLGTEDHF	465	341
>EGFR-D46N TQLGTEDHF	261	>EGFR-D46N TQLGTEDHF	157	104
>EGFR-D46N TQLGTEDHF	37	>EGFR-D46N TQLGTEDHF	15	22
>EGFR-D46N TQLGTEDHF	96	>EGFR-D46N TQLGTEDHF	44	52
>EGFR-D46N LTQLGTEDH	323	>EGFR-D46N LTQLGTEDH	355	32
>EGFR-D46N LTQLGTEDH	534	>EGFR-D46N LTQLGTEDH	325	209
>EGFR-D46N LTQLGTEDH	23	>EGFR-D46N LTQLGTEDH	19	4
>EGFR-D46N LTQLGTEDH	138	>EGFR-D46N LTQLGTEDH	177	39
>EGFR-D46N LTQLGTEDH	209	>EGFR-D46N LTQLGTEDH	111	98
>EGFR-D761I(DEAYVMASV	25	>EGFR-D761I(GEAYVMASV	28	3
>EGFR-D761I(DEAYVMASV	64	>EGFR-D761I(GEAYVMASV	2787	2723
>EGFR-D761I(DEAYVMAS	98	>EGFR-D761I(GEAYVMAS	10707	10609
>EGFR-D761I(DEAYVMASV	43	>EGFR-D761I(GEAYVMASV	7789	7746
>EGFR-D761I(DEAYVMASV	1670	>EGFR-D761I(GEAYVMASV	34	1636
>EGFR-D761I(DEAYVMAS	2751	>EGFR-D761I(GEAYVMAS	168	2583
>EGFR-D761I(DEAYVMASV	985	>EGFR-D761I(GEAYVMASV	55	930

>EGFR-D761(LDEAYVMASV	423	>EGFR-D761(LGEAYVMASV	5	418
>EGFR-D761(LDEAYVMAS)	144	>EGFR-D761(LGEAYVMAS)	12617	12473
>EGFR-D761(LILDEAYVM	111	>EGFR-D761(LILGEAYVM	473	362
>EGFR-D761(LILDEAYVMA	38	>EGFR-D761(LILGEAYVMA	150	112
>EGFR-D761(LILDEAYVMAS	11	>EGFR-D761(LILGEAYVMAS	20	9
>EGFR-D761(LILDEAYVM	192	>EGFR-D761(LILGEAYVM	196	4
>EGFR-D761(LILDEAYVMA	44	>EGFR-D761(LILGEAYVMA	43	1
>EGFR-D761(LILDEAYVMAS	5	>EGFR-D761(LILGEAYVMAS	6	1
>EGFR-D761(LILDEAYVMA	172	>EGFR-D761(LILGEAYVMA	79	93
>EGFR-D761(LILDEAYVMAS	10	>EGFR-D761(LILGEAYVMAS	6	4
>EGFR-D761(LILDEAYVM	334	>EGFR-D761(LILGEAYVM	2051	1717
>EGFR-D761(LILDEAYVMA	44	>EGFR-D761(LILGEAYVMA	304	260
>EGFR-D761(LILDEAYVMAS	8	>EGFR-D761(LILGEAYVMAS	21	13
>EGFR-D761(LILDEAYVM	17	>EGFR-D761(LILGEAYVM	38	21
>EGFR-D761(LILDEAYVMA	6	>EGFR-D761(LILGEAYVMA	9	3
>EGFR-D761(LILDEAYVMAS	56	>EGFR-D761(LILGEAYVMAS	171	115
>EGFR-D761(LILDEAYVMAS	2	>EGFR-D761(LILGEAYVMAS	2	0
>EGFR-D761(LILDEAYVM	31	>EGFR-D761(LILGEAYVM	69	38
>EGFR-D761(LILDEAYVMA	63	>EGFR-D761(LILGEAYVMA	149	86
>EGFR-D761(LILDEAYVMAS	3	>EGFR-D761(LILGEAYVMAS	4	1
>EGFR-D761(LILDEAYVM	76	>EGFR-D761(LILGEAYVM	228	152
>EGFR-D761(LILDEAYVMA	11	>EGFR-D761(LILGEAYVMA	21	10
>EGFR-D761(LILDEAYVMAS	5	>EGFR-D761(LILGEAYVMAS	6	1
>EGFR-D761(LILDEAYVM	31	>EGFR-D761(LILGEAYVM	43	12
>EGFR-D761(LILDEAYVMA	43	>EGFR-D761(LILGEAYVMA	80	37
>EGFR-D761(LILDEAYVMAS	3	>EGFR-D761(LILGEAYVMAS	3	0
>EGFR-D761(LILDEAYVM	77	>EGFR-D761(LILGEAYVM	52	25
>EGFR-D761(LILDEAYVMA	8	>EGFR-D761(LILGEAYVMA	6	2
>EGFR-D761(LILDEAYVMAS	726	>EGFR-D761(LILGEAYVMAS	460	266
>EGFR-D761(LILDEAYVMAS	2	>EGFR-D761(LILGEAYVMAS	2	0
>EGFR-D761(LILDEAYVMAS	82	>EGFR-D761(LILGEAYVMAS	399	317
>EGFR-D761(LILDEAYVM	5343	>EGFR-D761(LILGEAYVM	371	4972
>EGFR-D761(LILDEAYV	471	>EGFR-D761(LILGEAYV	723	252
>EGFR-D761(LILDEAYV	100	>EGFR-D761(LILGEAYV	185	85
>EGFR-D761(LILDEAYV	11	>EGFR-D761(LILGEAYV	15	4
>EGFR-D761(LILDEAYV	83	>EGFR-D761(LILGEAYV	368	285
>EGFR-D761(LILDEAYV	24	>EGFR-D761(LILGEAYV	33	9
>EGFR-D761(LILDEAYV	5	>EGFR-D761(LILGEAYV	8	3
>EGFR-D761(LILDEAYVM	362	>EGFR-D761(LILGEAYVM	1027	665
>EGFR-D761(LILDEAYV	11	>EGFR-D761(LILGEAYV	15	4
>EGFR-D761(LILDEAYVM	39	>EGFR-D761(LILGEAYVM	21	18
>EGFR-D761(LILDEAYV	34	>EGFR-D761(LILGEAYV	41	7
>EGFR-D761(LILDEAYV	5	>EGFR-D761(LILGEAYV	6	1

>EGFR-D761(EILDEAYVM	33	>EGFR-D761(EILGEAYVM	135	102
>EGFR-D761(EILDEAYVMA	16	>EGFR-D761(EILGEAYVMA	44	28
>EGFR-D761(KEILDEAY	2599	>EGFR-D761(KEILGEAY	171	2428
>EGFR-D761(KEILDEAYV	841	>EGFR-D761(KEILGEAYV	413	428
>EGFR-D761(KEILDEAY	1004	>EGFR-D761(KEILGEAY	424	580
>EGFR-D761(KEILDEAY	256	>EGFR-D761(KEILGEAY	93	163
>EGFR-D761(KEILDEAYV	310	>EGFR-D761(KEILGEAYV	118	192
>EGFR-D761(KEILDEAYVM	163	>EGFR-D761(KEILGEAYVM	189	26
>EGFR-D761(KEILDEAYVM	289	>EGFR-D761(KEILGEAYVM	126	163
>EGFR-D761(KEILDEAY	363	>EGFR-D761(KEILGEAY	468	105
>EGFR-D761(KEILDEAY	273	>EGFR-D761(KEILGEAY	244	29
>EGFR-D761(KEILDEAYV	536	>EGFR-D761(KEILGEAYV	242	294
>EGFR-D761(KEILDEAYVM	50	>EGFR-D761(KEILGEAYVM	31	19
>EGFR-D761(KEILDEAYV	32	>EGFR-D761(KEILGEAYV	14	18
>EGFR-D761(KEILDEAYVM	15	>EGFR-D761(KEILGEAYVM	25	10
>EGFR-D761(KEILDEAYVM	468	>EGFR-D761(KEILGEAYVM	206	262
>EGFR-D761(NKEILDEAYVI	676	>EGFR-D761(NKEILGEAYVI	444	232
>EGFR-D761(ANKEILDEAY	848	>EGFR-D761(ANKEILGEAY	496	352
>EGFR-D761(KANKEILDEA'	126	>EGFR-D761(KANKEILGEA'	142	16
>EGFR-D761(KANKEILDEA'	385	>EGFR-D761(KANKEILGEA'	221	164
>EGFR-D761(KANKEILDEA'	255	>EGFR-D761(KANKEILGEA'	163	92
>EGFR-D761(KANKEILDEA'	293	>EGFR-D761(KANKEILGEA'	115	178
>EGFR-D761(KANKEILDEA'	140	>EGFR-D761(KANKEILGEA'	84	56
>EGFR-D761(KANKEILDEA'	200	>EGFR-D761(KANKEILGEA'	410	210
>EGFR-D761(KANKEILDEA'	86	>EGFR-D761(KANKEILGEA'	144	58
>EGFR-D761(KANKEILDEA'	473	>EGFR-D761(KANKEILGEA'	390	83
>EGFR-D761IDEAYVMASV	25	>EGFR-D761INEAYVMASV	11	14
>EGFR-D761IDEAYVMASV	64	>EGFR-D761INEAYVMASV	36	28
>EGFR-D761IDEAYVMAS	98	>EGFR-D761INEAYVMAS	357	259
>EGFR-D761IDEAYVMASV	43	>EGFR-D761INEAYVMASV	154	111
>EGFR-D761IDEAYVMAS	2751	>EGFR-D761INEAYVMAS	200	2551
>EGFR-D761IDEAYVMASV	985	>EGFR-D761INEAYVMASV	73	912
>EGFR-D761IDEAYVMASV	423	>EGFR-D761INEAYVMASV	21	402
>EGFR-D761ILDEAYVMAS'	144	>EGFR-D761ILNEAYVMAS'	5424	5280
>EGFR-D761IILDEAYVM	111	>EGFR-D761IILNEAYVM	231	120
>EGFR-D761IILDEAYVMA	38	>EGFR-D761IILNEAYVMA	67	29
>EGFR-D761IILDEAYVMAS	11	>EGFR-D761IILNEAYVMAS	13	2
>EGFR-D761IILDEAYVM	192	>EGFR-D761IILNEAYVM	42	150
>EGFR-D761IILDEAYVMA	44	>EGFR-D761IILNEAYVMA	11	33
>EGFR-D761IILDEAYVMAS	5	>EGFR-D761IILNEAYVMAS	3	2
>EGFR-D761IILDEAYVM	3472	>EGFR-D761IILNEAYVM	187	3285
>EGFR-D761IILDEAYVMA	172	>EGFR-D761IILNEAYVMA	8	164
>EGFR-D761IILDEAYVMAS	10	>EGFR-D761IILNEAYVMAS	2	8

>EGFR-D761IILDEAYVM	334	>EGFR-D761IILNEAYVM	1039	705
>EGFR-D761IILDEAYVMA	44	>EGFR-D761IILNEAYVMA	115	71
>EGFR-D761IILDEAYVMAS	8	>EGFR-D761IILNEAYVMAS	13	5
>EGFR-D761IILDEAYVM	17	>EGFR-D761IILNEAYVM	29	12
>EGFR-D761IILDEAYVMA	6	>EGFR-D761IILNEAYVMA	8	2
>EGFR-D761IILDEAYVMAS	56	>EGFR-D761IILNEAYVMAS	114	58
>EGFR-D761IILDEAYVMAS	2	>EGFR-D761IILNEAYVMAS	2	0
>EGFR-D761IILDEAYVM	31	>EGFR-D761IILNEAYVM	67	36
>EGFR-D761IILDEAYVMA	63	>EGFR-D761IILNEAYVMA	154	91
>EGFR-D761IILDEAYVMAS	3	>EGFR-D761IILNEAYVMAS	4	1
>EGFR-D761IILDEAYVM	76	>EGFR-D761IILNEAYVM	260	184
>EGFR-D761IILDEAYVMA	11	>EGFR-D761IILNEAYVMA	28	17
>EGFR-D761IILDEAYVMAS	5	>EGFR-D761IILNEAYVMAS	6	1
>EGFR-D761IILDEAYVM	31	>EGFR-D761IILNEAYVM	38	7
>EGFR-D761IILDEAYVMA	43	>EGFR-D761IILNEAYVMA	70	27
>EGFR-D761IILDEAYVMAS	3	>EGFR-D761IILNEAYVMAS	3	0
>EGFR-D761IILDEAYVM	77	>EGFR-D761IILNEAYVM	42	35
>EGFR-D761IILDEAYVMA	8	>EGFR-D761IILNEAYVMA	6	2
>EGFR-D761IILDEAYVMAS	726	>EGFR-D761IILNEAYVMAS	358	368
>EGFR-D761IILDEAYVMAS	2	>EGFR-D761IILNEAYVMAS	2	0
>EGFR-D761IILDEAYVMAS	2358	>EGFR-D761IILNEAYVMAS	246	2112
>EGFR-D761IILDEAYVMAS	82	>EGFR-D761IILNEAYVMAS	198	116
>EGFR-D761IILDEAYVM	5343	>EGFR-D761IILNEAYVM	217	5126
>EGFR-D761IILDEAYVM	5816	>EGFR-D761IILNEAYVM	418	5398
>EGFR-D761IILDEAYV	471	>EGFR-D761IILNEAYV	1648	1177
>EGFR-D761IILDEAYV	100	>EGFR-D761IILNEAYV	251	151
>EGFR-D761IILDEAYV	11	>EGFR-D761IILNEAYV	17	6
>EGFR-D761IILDEAYV	83	>EGFR-D761IILNEAYV	114	31
>EGFR-D761IILDEAYV	24	>EGFR-D761IILNEAYV	39	15
>EGFR-D761IILDEAYV	5	>EGFR-D761IILNEAYV	10	5
>EGFR-D761IILDEAYVM	362	>EGFR-D761IILNEAYVM	1419	1057
>EGFR-D761IILDEAYV	11	>EGFR-D761IILNEAYV	38	27
>EGFR-D761IILDEAYVM	39	>EGFR-D761IILNEAYVM	100	61
>EGFR-D761IILDEAYV	34	>EGFR-D761IILNEAYV	60	26
>EGFR-D761IILDEAYV	5	>EGFR-D761IILNEAYV	6	1
>EGFR-D761IILDEAYVM	33	>EGFR-D761IILNEAYVM	125	92
>EGFR-D761IILDEAYVMA	16	>EGFR-D761IILNEAYVMA	39	23
>EGFR-D761IILDEAY	1004	>EGFR-D761IILNEAY	372	632
>EGFR-D761IILDEAY	256	>EGFR-D761IILNEAY	126	130
>EGFR-D761IILDEAYV	310	>EGFR-D761IILNEAYV	350	40
>EGFR-D761IILDEAYVM	163	>EGFR-D761IILNEAYVM	143	20
>EGFR-D761IILDEAYVM	289	>EGFR-D761IILNEAYVM	129	160
>EGFR-D761IILDEAY	363	>EGFR-D761IILNEAY	364	1

>EGFR-D761I KEILDEAY	273	>EGFR-D761I KEILNEAY	210	63
>EGFR-D761I KEILDEAYV	536	>EGFR-D761I KEILNEAYV	401	135
>EGFR-D761I KEILDEAYVM	50	>EGFR-D761I KEILNEAYVM	37	13
>EGFR-D761I KEILDEAYV	32	>EGFR-D761I KEILNEAYV	21	11
>EGFR-D761I KEILDEAYVM	15	>EGFR-D761I KEILNEAYVM	11	4
>EGFR-D761I KEILDEAYVM	468	>EGFR-D761I KEILNEAYVM	364	104
>EGFR-D761I INKEILDEAYVI	676	>EGFR-D761I INKEILNEAYVI	358	318
>EGFR-D761I KANKEILDEA'	126	>EGFR-D761I KANKEILNEA'	111	15
>EGFR-D761I KANKEILDEA'	385	>EGFR-D761I KANKEILNEA'	297	88
>EGFR-D761I KANKEILDEA'	255	>EGFR-D761I KANKEILNEA'	225	30
>EGFR-D761I KANKEILDEA'	293	>EGFR-D761I KANKEILNEA'	120	173
>EGFR-D761I KANKEILDEA'	140	>EGFR-D761I KANKEILNEA'	114	26
>EGFR-D761I KANKEILDEA'	200	>EGFR-D761I KANKEILNEA'	357	157
>EGFR-D761I KANKEILDEA'	86	>EGFR-D761I KANKEILNEA'	95	9
>EGFR-D761I KANKEILDEA'	473	>EGFR-D761I KANKEILNEA'	402	71
>EGFR-D761I DEAYVMAS	1479	>EGFR-D761I YEAYVMAS	172	1307
>EGFR-D761I DEAYVMASV	25	>EGFR-D761I YEAYVMASV	10	15
>EGFR-D761I DEAYVMASV	9783	>EGFR-D761I YEAYVMASV	106	9677
>EGFR-D761I DEAYVMASV	9781	>EGFR-D761I YEAYVMASV	113	9668
>EGFR-D761I DEAYVMASV	10804	>EGFR-D761I YEAYVMASV	28	10776
>EGFR-D761I DEAYVMASV	64	>EGFR-D761I YEAYVMASV	64	0
>EGFR-D761I DEAYVMAS	98	>EGFR-D761I YEAYVMAS	335	237
>EGFR-D761I DEAYVMASV	43	>EGFR-D761I YEAYVMASV	157	114
>EGFR-D761I DEAYVMASV	1670	>EGFR-D761I YEAYVMASV	25	1645
>EGFR-D761I DEAYVMASV	985	>EGFR-D761I YEAYVMASV	291	694
>EGFR-D761I DEAYVMASV	423	>EGFR-D761I YEAYVMASV	4	419
>EGFR-D761I LDEAYVMAS'	12203	>EGFR-D761I LYEAYVMAS'	368	11835
>EGFR-D761I LDEAYVMAS'	26088	>EGFR-D761I LYEAYVMAS'	437	25651
>EGFR-D761I LDEAYVMAS'	144	>EGFR-D761I LYEAYVMAS'	19744	19600
>EGFR-D761I TSPKANKEIL	2961	>EGFR-D761I TSPKANKEILY	293	2668
>EGFR-D761I ILDEAYVMA	15574	>EGFR-D761I ILYEAYVMA	478	15096
>EGFR-D761I ILDEAYVMAS	10302	>EGFR-D761I ILYEAYVMAS'	275	10027
>EGFR-D761I ILDEAYVM	111	>EGFR-D761I ILYEAYVM	38	73
>EGFR-D761I ILDEAYVMA	38	>EGFR-D761I ILYEAYVMA	18	20
>EGFR-D761I ILDEAYVMAS	1251	>EGFR-D761I ILYEAYVMAS	371	880
>EGFR-D761I ILDEAYVMAS	11	>EGFR-D761I ILYEAYVMAS'	9	2
>EGFR-D761I ILDEAYVM	192	>EGFR-D761I ILYEAYVM	49	143
>EGFR-D761I ILDEAYVMA	44	>EGFR-D761I ILYEAYVMA	11	33
>EGFR-D761I ILDEAYVMAS	1246	>EGFR-D761I ILYEAYVMAS	108	1138
>EGFR-D761I ILDEAYVMAS	5	>EGFR-D761I ILYEAYVMAS'	3	2
>EGFR-D761I ILDEAYVM	3472	>EGFR-D761I ILYEAYVM	72	3400
>EGFR-D761I ILDEAYVMA	172	>EGFR-D761I ILYEAYVMA	6	166
>EGFR-D761I ILDEAYVMAS	3132	>EGFR-D761I ILYEAYVMAS	296	2836

>EGFR-D761'ILDEAYVMAS	10	>EGFR-D761'ILYEAYVMAS'	3	7
>EGFR-D761'ILDEAYVM	334	>EGFR-D761'ILYEAYVM	128	206
>EGFR-D761'ILDEAYVMA	44	>EGFR-D761'ILYEAYVMA	23	21
>EGFR-D761'ILDEAYVMAS	8	>EGFR-D761'ILYEAYVMAS'	7	1
>EGFR-D761'ILDEAYVM	17	>EGFR-D761'ILYEAYVM	5	12
>EGFR-D761'ILDEAYVMA	6	>EGFR-D761'ILYEAYVMA	2	4
>EGFR-D761'ILDEAYVMAS	56	>EGFR-D761'ILYEAYVMAS'	11	45
>EGFR-D761'ILDEAYVMAS	2	>EGFR-D761'ILYEAYVMAS'	1	1
>EGFR-D761'ILDEAYVM	31	>EGFR-D761'ILYEAYVM	20	11
>EGFR-D761'ILDEAYVMA	63	>EGFR-D761'ILYEAYVMA	35	28
>EGFR-D761'ILDEAYVMAS	3	>EGFR-D761'ILYEAYVMAS'	3	0
>EGFR-D761'ILDEAYVM	76	>EGFR-D761'ILYEAYVM	29	47
>EGFR-D761'ILDEAYVMA	11	>EGFR-D761'ILYEAYVMA	8	3
>EGFR-D761'ILDEAYVMAS	5	>EGFR-D761'ILYEAYVMAS'	4	1
>EGFR-D761'ILDEAYVM	31	>EGFR-D761'ILYEAYVM	43	12
>EGFR-D761'ILDEAYVMA	43	>EGFR-D761'ILYEAYVMA	78	35
>EGFR-D761'ILDEAYVMAS	3	>EGFR-D761'ILYEAYVMAS'	3	0
>EGFR-D761'ILDEAYVM	77	>EGFR-D761'ILYEAYVM	13	64
>EGFR-D761'ILDEAYVMA	8	>EGFR-D761'ILYEAYVMA	4	4
>EGFR-D761'ILDEAYVMAS	726	>EGFR-D761'ILYEAYVMAS'	60	666
>EGFR-D761'ILDEAYVMAS	2	>EGFR-D761'ILYEAYVMAS'	2	0
>EGFR-D761'ILDEAYVMAS	2358	>EGFR-D761'ILYEAYVMAS'	255	2103
>EGFR-D761'ILDEAYVMAS	82	>EGFR-D761'ILYEAYVMAS'	30	52
>EGFR-D761'ILDEAYVM	5343	>EGFR-D761'ILYEAYVM	108	5235
>EGFR-D761'ILDEAYVM	9054	>EGFR-D761'ILYEAYVM	481	8573
>EGFR-D761'ILDEAYVM	5816	>EGFR-D761'ILYEAYVM	60	5756
>EGFR-D761'ILDEAYVMAS	7814	>EGFR-D761'ILYEAYVMAS'	123	7691
>EGFR-D761'ILDEAYVM	1677	>EGFR-D761'ILYEAYVM	357	1320
>EGFR-D761'EILDEAYV	471	>EGFR-D761'EILYEAYV	909	438
>EGFR-D761'EILDEAYV	100	>EGFR-D761'EILYEAYV	258	158
>EGFR-D761'EILDEAYV	11	>EGFR-D761'EILYEAYV	76	65
>EGFR-D761'EILDEAYV	83	>EGFR-D761'EILYEAYV	326	243
>EGFR-D761'EILDEAYV	24	>EGFR-D761'EILYEAYV	177	153
>EGFR-D761'EILDEAYV	5	>EGFR-D761'EILYEAYV	31	26
>EGFR-D761'EILDEAYVM	362	>EGFR-D761'EILYEAYVM	5493	5131
>EGFR-D761'EILDEAYV	11	>EGFR-D761'EILYEAYV	180	169
>EGFR-D761'EILDEAYVM	39	>EGFR-D761'EILYEAYVM	32	7
>EGFR-D761'EILDEAYV	34	>EGFR-D761'EILYEAYV	32	2
>EGFR-D761'EILDEAYV	5	>EGFR-D761'EILYEAYV	6	1
>EGFR-D761'EILDEAYVM	33	>EGFR-D761'EILYEAYVM	231	198
>EGFR-D761'EILDEAYVMA	16	>EGFR-D761'EILYEAYVMA	61	45
>EGFR-D761'KEILDEAYV	1524	>EGFR-D761'KEILYEAYV	215	1309
>EGFR-D761'KEILDEAYV	841	>EGFR-D761'KEILYEAYV	275	566

>EGFR-D761'KEILDEAY	1004	>EGFR-D761'KEILYEAY	200	804
>EGFR-D761'KEILDEAY	256	>EGFR-D761'KEILYEAY	74	182
>EGFR-D761'KEILDEAYV	310	>EGFR-D761'KEILYEAYV	315	5
>EGFR-D761'KEILDEAYV	1806	>EGFR-D761'KEILYEAYV	314	1492
>EGFR-D761'KEILDEAYVM	163	>EGFR-D761'KEILYEAYVM	254	91
>EGFR-D761'KEILDEAYVM	289	>EGFR-D761'KEILYEAYVM,	74	215
>EGFR-D761'KEILDEAY	363	>EGFR-D761'KEILYEAY	272	91
>EGFR-D761'KEILDEAY	273	>EGFR-D761'KEILYEAY	118	155
>EGFR-D761'KEILDEAYV	536	>EGFR-D761'KEILYEAYV	92	444
>EGFR-D761'KEILDEAYVM	50	>EGFR-D761'KEILYEAYVM,	17	33
>EGFR-D761'KEILDEAYV	32	>EGFR-D761'KEILYEAYV	11	21
>EGFR-D761'KEILDEAYVM	15	>EGFR-D761'KEILYEAYVM	12	3
>EGFR-D761'KEILDEAYVM	468	>EGFR-D761'KEILYEAYVM,	170	298
>EGFR-D761'NKEILDEAYVI	676	>EGFR-D761'NKEILYEAYVI	430	246
>EGFR-D761'KANKEILD	28687	>EGFR-D761'KANKEILY	148	28539
>EGFR-D761'KANKEILDEA'	126	>EGFR-D761'KANKEILYEA\	143	17
>EGFR-D761'KANKEILD	26145	>EGFR-D761'KANKEILY	64	26081
>EGFR-D761'KANKEILDEA'	385	>EGFR-D761'KANKEILYEA\	288	97
>EGFR-D761'KANKEILDEA'	255	>EGFR-D761'KANKEILYEA\	212	43
>EGFR-D761'KANKEILDEA'	293	>EGFR-D761'KANKEILYEA\	89	204
>EGFR-D761'KANKEILD	22006	>EGFR-D761'KANKEILY	70	21936
>EGFR-D761'KANKEILDEA'	140	>EGFR-D761'KANKEILYEA\	142	2
>EGFR-D761'KANKEILDEA'	200	>EGFR-D761'KANKEILYEA\	377	177
>EGFR-D761'KANKEILD	19509	>EGFR-D761'KANKEILY	316	19193
>EGFR-D761'KANKEILD	17168	>EGFR-D761'KANKEILY	51	17117
>EGFR-D761'KANKEILDEA'	86	>EGFR-D761'KANKEILYEA\	56	30
>EGFR-D761'KANKEILDEA'	473	>EGFR-D761'KANKEILYEA\	330	143
>EGFR-D770IDNPHVCRLLC	1013	>EGFR-D770INNPHVCRLLC	389	624
>EGFR-D770IVDNPHVCRL	6275	>EGFR-D770IVNNPHVCRL	406	5869
>EGFR-D770IVDNPHVCR	3291	>EGFR-D770IVNNPHVCR	352	2939
>EGFR-D770ISVDNPHVCRI	75	>EGFR-D770ISVNNPHVCRI	142	67
>EGFR-D770ISVDNPHVCRI	449	>EGFR-D770ISVNNPHVCRI	1398	949
>EGFR-D770ISVDNPHVCRI	204	>EGFR-D770ISVNNPHVCRI	116	88
>EGFR-D770ISVDNPHVCR	184	>EGFR-D770ISVNNPHVCR	54	130
>EGFR-D770ISVDNPHVCR	237	>EGFR-D770ISVNNPHVCR	18	219
>EGFR-D770ISVDNPHVCR	1972	>EGFR-D770ISVNNPHVCR	354	1618
>EGFR-D770ISVDNPHVCR	118	>EGFR-D770ISVNNPHVCR	28	90
>EGFR-D770ISVDNPHVCRI	755	>EGFR-D770ISVNNPHVCRI	355	400
>EGFR-D770IASVDNPHV	291	>EGFR-D770IASVNNPHV	670	379
>EGFR-D770IASVDNPHVCI	300	>EGFR-D770IASVNNPHVCI	261	39
>EGFR-D770IASVDNPHVCI	389	>EGFR-D770IASVNNPHVCI	664	275
>EGFR-D770IASVDNPHVCI	113	>EGFR-D770IASVNNPHVCI	89	24
>EGFR-D770IASVDNPHVCI	423	>EGFR-D770IASVNNPHVCI	599	176



>EGFR-D770IASVDNPHV	496	>EGFR-D770IASVNNPHV	850	354
>EGFR-D770IASVDNPHVC	6	>EGFR-D770IASVNNPHVC	8	2
>EGFR-D770IASVDNPHVC	154	>EGFR-D770IASVNNPHVC	121	33
>EGFR-D770IMASVDNPHV	162	>EGFR-D770IMASVNNPHV	239	77
>EGFR-D770IMASVDNPHV	162	>EGFR-D770IMASVNNPHV	114	48
>EGFR-D770IMASVDNPHV	74	>EGFR-D770IMASVNNPHV	36	38
>EGFR-D770IMASVDNPHV	268	>EGFR-D770IMASVNNPHV	308	40
>EGFR-D770IMASVDNPHV	9	>EGFR-D770IMASVNNPHV	7	2
>EGFR-D770IMASVDNPHV	258	>EGFR-D770IMASVNNPHV	95	163
>EGFR-D770IMASVDNPHV	161	>EGFR-D770IMASVNNPHV	95	66
>EGFR-D770IMASVDNPH	55	>EGFR-D770IMASVNNPH	80	25
>EGFR-D770IMASVDNPH	148	>EGFR-D770IMASVNNPH	170	22
>EGFR-D770IMASVDNPH	84	>EGFR-D770IMASVNNPH	75	9
>EGFR-D770IMASVDNPH	209	>EGFR-D770IMASVNNPH	152	57
>EGFR-D770IMASVDNPH	303	>EGFR-D770IMASVNNPH	390	87
>EGFR-D770IMASVDNPH	3	>EGFR-D770IMASVNNPH	3	0
>EGFR-D770IMASVDNPH	37	>EGFR-D770IMASVNNPH	29	8
>EGFR-D770IMASVDNPH	7	>EGFR-D770IMASVNNPH	6	1
>EGFR-D770IMASVDNPH	258	>EGFR-D770IMASVNNPH	304	46
>EGFR-D770IMASVDNPH	5	>EGFR-D770IMASVNNPH	5	0
>EGFR-D770IMASVDNPH	6	>EGFR-D770IMASVNNPH	4	2
>EGFR-D770IMASVDNPH	233	>EGFR-D770IMASVNNPH	165	68
>EGFR-D770IMASVDNPH	3	>EGFR-D770IMASVNNPH	3	0
>EGFR-D770IMASVDNPH	75	>EGFR-D770IMASVNNPH	77	2
>EGFR-D770IMASVDNPH	1650	>EGFR-D770IMASVNNPH	346	1304
>EGFR-D770IMASVDNPH	649	>EGFR-D770IMASVNNPH	328	321
>EGFR-D770IYMASVDNP	10	>EGFR-D770IYMASVNNP	10	0
>EGFR-D770IYMASVDNP	767	>EGFR-D770IYMASVNNP	499	268
>EGFR-D770IYMASVDNP	13	>EGFR-D770IYMASVNNP	12	1
>EGFR-D770IYMASVDNP	8	>EGFR-D770IYMASVNNP	7	1
>EGFR-D770IYMASVDNP	4	>EGFR-D770IYMASVNNP	4	0
>EGFR-D770IYMASVDNP	8	>EGFR-D770IYMASVNNP	7	1
>EGFR-D770IYMASVDNP	7	>EGFR-D770IYMASVNNP	6	1
>EGFR-D770IYMASVDNP	10	>EGFR-D770IYMASVNNP	12	2
>EGFR-D770IYMASVDNP	4	>EGFR-D770IYMASVNNP	4	0
>EGFR-D770IYMASVDNP	3	>EGFR-D770IYMASVNNP	3	0
>EGFR-D770IYMASVDNP	397	>EGFR-D770IYMASVNNP	404	7
>EGFR-D770IYMASVDNP	457	>EGFR-D770IYMASVNNP	525	68
>EGFR-D770IYMASVDNP	17	>EGFR-D770IYMASVNNP	12	5
>EGFR-D770IYMASVDNP	7	>EGFR-D770IYMASVNNP	6	1
>EGFR-D770IYMASVDNP	424	>EGFR-D770IYMASVNNP	317	107
>EGFR-D770IYMASVDNP	560	>EGFR-D770IYMASVNNP	388	172
>EGFR-D800IDYVREHKDNI	1402	>EGFR-D800INYVREHKDNI	100	1302

>EGFR-D800ILDYVREHKDM	5542	>EGFR-D800ILNYVREHKDM	330	5212
>EGFR-D800ILDYVREHKDM	101	>EGFR-D800ILNYVREHKDM	436	335
>EGFR-D800ILDYVREHKDM	286	>EGFR-D800ILNYVREHKDM	5359	5073
>EGFR-D800ILDYVREHKDM	387	>EGFR-D800ILNYVREHKDM	3509	3122
>EGFR-D800ILDYVREHKDM	62	>EGFR-D800ILNYVREHKDM	3652	3590
>EGFR-D800ILLDYVREHK	1369	>EGFR-D800ILLNYVREHK	150	1219
>EGFR-D800ILLDYVREHK	3397	>EGFR-D800ILLNYVREHK	129	3268
>EGFR-D800ILLDYVREHK	738	>EGFR-D800ILLNYVREHK	158	580
>EGFR-D800ICLLDYVREHK	74	>EGFR-D800ICLLNYVREHK	59	15
>EGFR-D800ICLLDYVREHK	144	>EGFR-D800ICLLNYVREHK	134	10
>EGFR-D800ICLLDYVREHK	570	>EGFR-D800ICLLNYVREHK	477	93
>EGFR-D800IGCLLDYVR	361	>EGFR-D800IGCLLNIVR	180	181
>EGFR-D800IFGCLLDYV	218	>EGFR-D800IFGCLLNIV	137	81
>EGFR-D800IFGCLLDYV	151	>EGFR-D800IFGCLLNIV	123	28
>EGFR-D800IFGCLLDYVR	542	>EGFR-D800IFGCLLNIVR	392	150
>EGFR-D800IFGCLLDYVR	78	>EGFR-D800IFGCLLNIVR	56	22
>EGFR-D800IPFGCLLDY	31	>EGFR-D800IPFGCLLNIV	30	1
>EGFR-D800IPFGCLLDY	341	>EGFR-D800IPFGCLLNIV	204	137
>EGFR-D800IPFGCLLDYVR	35	>EGFR-D800IPFGCLLNIVR	28	7
>EGFR-D800IMPFGLLDY	79	>EGFR-D800IMPFGLLNIV	85	6
>EGFR-D800IMPFGLLDY\	8	>EGFR-D800IMPFGLLNIV\	12	4
>EGFR-D800IMPFGLLDY\	203	>EGFR-D800IMPFGLLNIV\	195	8
>EGFR-D800IMPFGLLDY\	781	>EGFR-D800IMPFGLLNIV\	461	320
>EGFR-D800IMPFGLLDY\	131	>EGFR-D800IMPFGLLNIV\	140	9
>EGFR-D800IMPFGLLDY\	399	>EGFR-D800IMPFGLLNIV\	442	43
>EGFR-D800IMPFGLLDY	17	>EGFR-D800IMPFGLLNIV	19	2
>EGFR-D800IMPFGLLDY\	498	>EGFR-D800IMPFGLLNIV\	254	244
>EGFR-D800IMPFGLLDY\	425	>EGFR-D800IMPFGLLNIV\	278	147
>EGFR-D800IMPFGLLDY\	63	>EGFR-D800IMPFGLLNIV\	43	20
>EGFR-D800IMPFGLLDY\	282	>EGFR-D800IMPFGLLNIV\	151	131
>EGFR-D800IMPFGLLDY	359	>EGFR-D800IMPFGLLNIV	209	150
>EGFR-D800IMPFGLLDY	480	>EGFR-D800IMPFGLLNIV	303	177
>EGFR-D800IMPFGLLDY	297	>EGFR-D800IMPFGLLNIV	196	101
>EGFR-D800IMPFGLLDY	8	>EGFR-D800IMPFGLLNIV	8	0
>EGFR-D800IMPFGLLDY\	80	>EGFR-D800IMPFGLLNIV\	133	53
>EGFR-D800IMPFGLLDY	13	>EGFR-D800IMPFGLLNIV	8	5
>EGFR-D800IMPFGLLD	63	>EGFR-D800IMPFGLLN	54	9
>EGFR-D800IMPFGLLDY	254	>EGFR-D800IMPFGLLNIV	96	158
>EGFR-D800IMPFGLLDY\	25	>EGFR-D800IMPFGLLNIV\	26	1
>EGFR-D800IMPFGLLDY\	43	>EGFR-D800IMPFGLLNIV\	34	9
>EGFR-D800IMPFGLLDY	616	>EGFR-D800IMPFGLLNIV	282	334
>EGFR-D800IMPFGLLDY	95	>EGFR-D800IMPFGLLNIV	64	31
>EGFR-D800IMPFGLLDY	101	>EGFR-D800IMPFGLLNIV	83	18

>EGFR-D800I MPFGCLLDY	494	>EGFR-D800I MPFGCLLN	538	44
>EGFR-D800I MPFGCLLDY\	32	>EGFR-D800I MPFGCLLN\	28	4
>EGFR-D800I LMPFGCLLDY	24	>EGFR-D800I LMPFGCLLN	21	3
>EGFR-D800I LMPFGCLLDY	12	>EGFR-D800I LMPFGCLLN	11	1
>EGFR-D800I LMPFGCLLDY	8	>EGFR-D800I LMPFGCLLN	6	2
>EGFR-D800I LMPFGCLLDY	12	>EGFR-D800I LMPFGCLLN	12	0
>EGFR-D800I LMPFGCLLDY	3	>EGFR-D800I LMPFGCLLN	4	1
>EGFR-D800I LMPFGCLLDY	14	>EGFR-D800I LMPFGCLLN	14	0
>EGFR-D800I LMPFGCLLDY	8	>EGFR-D800I LMPFGCLLN	9	1
>EGFR-D800I LMPFGCLLDY	6	>EGFR-D800I LMPFGCLLN	7	1
>EGFR-D800I LMPFGCLLDY	3	>EGFR-D800I LMPFGCLLN	3	0
>EGFR-D800I LMPFGCLLDY	254	>EGFR-D800I LMPFGCLLN	137	117
>EGFR-D800I LMPFGCLLDY	689	>EGFR-D800I LMPFGCLLN	329	360
>EGFR-D800I LMPFGCLLDY	326	>EGFR-D800I LMPFGCLLN	136	190
>EGFR-D800I LMPFGCLLDY	259	>EGFR-D800I LMPFGCLLN	186	73
>EGFR-D800I LMPFGCLLDY	592	>EGFR-D800I LMPFGCLLN	458	134
>EGFR-D800I LMPFGCLLDY	97	>EGFR-D800I LMPFGCLLN	66	31
>EGFR-D800I LMPFGCLLDY	117	>EGFR-D800I LMPFGCLLN	99	18
>EGFR-D800I LMPFGCLLDY	596	>EGFR-D800I LMPFGCLLN	422	174
>EGFR-D800I LMPFGCLLDY	509	>EGFR-D800I LMPFGCLLN	209	300
>EGFR-D800I LMPFGCLLDY	344	>EGFR-D800I LMPFGCLLN	254	90
>EGFR-D800I QLMPFGCLLI	522	>EGFR-D800I QLMPFGCLLI	174	348
>EGFR-D800I QLMPFGCLLI	723	>EGFR-D800I QLMPFGCLLI	173	550
>EGFR-D800I QLMPFGCLLI	15	>EGFR-D800I QLMPFGCLLI	16	1
>EGFR-D800I QLMPFGCLLI	328	>EGFR-D800I QLMPFGCLLI	322	6
>EGFR-D800I QLMPFGCLLI	23	>EGFR-D800I QLMPFGCLLI	19	4
>EGFR-D800I QLMPFGCLLI	111	>EGFR-D800I QLMPFGCLLI	94	17
>EGFR-D800I QLMPFGCLLI	92	>EGFR-D800I QLMPFGCLLI	90	2
>EGFR-D800I QLMPFGCLLI	124	>EGFR-D800I QLMPFGCLLI	86	38
>EGFR-D800I QLMPFGCLLI	537	>EGFR-D800I QLMPFGCLLI	129	408
>EGFR-D807I DNIGSQYLL	620	>EGFR-D807I NNIGSQYLL	242	378
>EGFR-D807I DNIGSQYLL	4228	>EGFR-D807I NNIGSQYLL	256	3972
>EGFR-D807I KDNIGSQY	626	>EGFR-D807I KNNIGSQY	157	469
>EGFR-D807I KDNIGSQYLL	329	>EGFR-D807I KNNIGSQYLL	8806	8477
>EGFR-D807I HKDNIGSQY	1183	>EGFR-D807I HKNNIGSQY	345	838
>EGFR-D807I HKDNIGSQY	198	>EGFR-D807I HKNNIGSQY	8	190
>EGFR-D807I HKDNIGSQYL	1188	>EGFR-D807I HKNNIGSQYL	45	1143
>EGFR-D807I HKDNIGSQYL	2234	>EGFR-D807I HKNNIGSQYL	134	2100
>EGFR-D807I HKDNIGSQYL	372	>EGFR-D807I HKNNIGSQYL	1196	824
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>EGFR-D807I HKDNIGSQYL	2877	>EGFR-D807I HKNNIGSQYL	475	2402
>EGFR-D807I HKDNIGSQY	125	>EGFR-D807I HKNNIGSQY	65	60
>EGFR-D807I REHKDNIGSC	364	>EGFR-D807I REHKNNIGSC	304	60

>EGFR-D807IREHKDNIGSC	104	>EGFR-D807IREHKNNIGSC	68	36
>EGFR-D807IREHKDNIGSC	773	>EGFR-D807IREHKNNIGSC	349	424
>EGFR-D807IREHKDNIGS	1350	>EGFR-D807IREHKNNIGS	326	1024
>EGFR-D807IREHKDNIGSC	360	>EGFR-D807IREHKNNIGSC	247	113
>EGFR-D807IREHKDNIGS	394	>EGFR-D807IREHKNNIGS	458	64
>EGFR-D807IREHKDNIGSC	362	>EGFR-D807IREHKNNIGSC	477	115
>EGFR-D807IYVREHKDNI	519	>EGFR-D807IYVREHKNNI	178	341
>EGFR-D807IYVREHKDNI	1535	>EGFR-D807IYVREHKNNI	154	1381
>EGFR-D807IYVREHKDNI	1901	>EGFR-D807IYVREHKNNI	283	1618
>EGFR-D807ILDYVREHKDN	101	>EGFR-D807ILDYVREHKNN	107	6
>EGFR-D807ILDYVREHKDN	286	>EGFR-D807ILDYVREHKNN	391	105
>EGFR-D807ILDYVREHKDN	387	>EGFR-D807ILDYVREHKNN	538	151
>EGFR-D807ILDYVREHKDN	62	>EGFR-D807ILDYVREHKNN	88	26
>EGFR-D855(DFGLAKLLGA	969	>EGFR-D855(GFGLAKLLGA	449	520
>EGFR-D855(TDFGLAKLL	145	>EGFR-D855(TGFGLAKLL	5397	5252
>EGFR-D855(TDFGLAKLL	352	>EGFR-D855(TGFGLAKLL	32647	32295
>EGFR-D855(TDFGLAKLL	1110	>EGFR-D855(TGFGLAKLL	348	762
>EGFR-D855(TDFGLAKLL	295	>EGFR-D855(TGFGLAKLL	22342	22047
>EGFR-D855(ITDFGLAK	290	>EGFR-D855(ITGFGLAK	149	141
>EGFR-D855(ITDFGLAK	33	>EGFR-D855(ITGFGLAK	33	0
>EGFR-D855(ITDFGLAK	3611	>EGFR-D855(ITGFGLAK	430	3181
>EGFR-D855(ITDFGLAK	558	>EGFR-D855(ITGFGLAK	373	185
>EGFR-D855(ITDFGLAKL	6	>EGFR-D855(ITGFGLAKL	9	3
>EGFR-D855(ITDFGLAKLL	15	>EGFR-D855(ITGFGLAKLL	28	13
>EGFR-D855(ITDFGLAKLL	276	>EGFR-D855(ITGFGLAKLL	234	42
>EGFR-D855(ITDFGLAKL	97	>EGFR-D855(ITGFGLAKL	121	24
>EGFR-D855(ITDFGLAK	474	>EGFR-D855(ITGFGLAK	511	37
>EGFR-D855(KITDFGLAKL	91	>EGFR-D855(KITGFGLAKL	137	46
>EGFR-D855(KITDFGLAKLL	228	>EGFR-D855(KITGFGLAKLL	413	185
>EGFR-D855(KITDFGLA	348	>EGFR-D855(KITGFGLA	685	337
>EGFR-D855(KITDFGLAKL	81	>EGFR-D855(KITGFGLAKL	80	1
>EGFR-D855(KITDFGLA	117	>EGFR-D855(KITGFGLA	375	258
>EGFR-D855(KITDFGLAKL	432	>EGFR-D855(KITGFGLAKL	552	120
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>EGFR-D855(KITDFGLAKLL	183	>EGFR-D855(KITGFGLAKLL	444	261
>EGFR-D855(KITDFGLAK	102	>EGFR-D855(KITGFGLAK	69	33
>EGFR-D855(KITDFGLAK	17	>EGFR-D855(KITGFGLAK	21	4
>EGFR-D855(KITDFGLAK	22	>EGFR-D855(KITGFGLAK	26	4
>EGFR-D855(KITDFGLAKL	725	>EGFR-D855(KITGFGLAKL	233	492
>EGFR-D855(KITDFGLAKLL	679	>EGFR-D855(KITGFGLAKLL	233	446

>EGFR-D855(KITDFGLAK	98	>EGFR-D855(KITGFGLAK	132	34
>EGFR-D855(VKITDFGL	279	>EGFR-D855(VKITGFGL	132	147
>EGFR-D855(VKITDFGLAK	252	>EGFR-D855(VKITGFGLAK	295	43
>EGFR-D855(VKITDFGLAKI	295	>EGFR-D855(VKITGFGLAKI	293	2
>EGFR-D855(HVKITDFGLA	520	>EGFR-D855(HVKITGFGLA	223	297
>EGFR-D855(HVKITDFGLA	276	>EGFR-D855(HVKITGFGLA	198	78
>EGFR-D855(HVKITDFG	229	>EGFR-D855(HVKITGFG	41	188
>EGFR-D855(HVKITDFGL	168	>EGFR-D855(HVKITGFGL	53	115
>EGFR-D855(HVKITDFGLA	33	>EGFR-D855(HVKITGFGLA	13	20
>EGFR-D855(HVKITDFGLA	4	>EGFR-D855(HVKITGFGLA	4	0
>EGFR-D855(HVKITDFGLA	201	>EGFR-D855(HVKITGFGLA	189	12
>EGFR-D855(HVKITDFGLA	130	>EGFR-D855(HVKITGFGLA	294	164
>EGFR-D855(HVKITDFGL	328	>EGFR-D855(HVKITGFGL	170	158
>EGFR-D855(QHVKITDF	107	>EGFR-D855(QHVKITGF	165	58
>EGFR-D855(QHVKITDFGL	380	>EGFR-D855(QHVKITGFGL	246	134
>EGFR-D855(PQHVKITDF	82	>EGFR-D855(PQHVKITGF	135	53
>EGFR-D855(TPQHVKITDF	80	>EGFR-D855(TPQHVKITGF	1297	1217
>EGFR-D855(TPQHVKITDF	125	>EGFR-D855(TPQHVKITGF	114	11
>EGFR-D855(TPQHVKITDF	769	>EGFR-D855(TPQHVKITGF	312	457
>EGFR-D855(TPQHVKITDF	234	>EGFR-D855(TPQHVKITGF	604	370
>EGFR-D855(KTPQHVKITD	461	>EGFR-D855(KTPQHVKITG	192	269
>EGFR-D855(KTPQHVKITD	41	>EGFR-D855(KTPQHVKITG	47	6
>EGFR-D855(KTPQHVKITD	44	>EGFR-D855(KTPQHVKITG	11	33
>EGFR-D855(KTPQHVKITD	1351	>EGFR-D855(KTPQHVKITG	362	989
>EGFR-D855(KTPQHVKITD	7	>EGFR-D855(KTPQHVKITG	5	2
>EGFR-D855ITDFGLAKL	5019	>EGFR-D855ITNFGGLAKL	228	4791
>EGFR-D855ITDFGLAKLL	5491	>EGFR-D855ITNFGGLAKLL	262	5229
>EGFR-D855ITDFGLAKLL	145	>EGFR-D855ITNFGGLAKLL	598	453
>EGFR-D855ITDFGLAKLL	352	>EGFR-D855ITNFGGLAKLL	17220	16868
>EGFR-D855ITDFGLAKLL	295	>EGFR-D855ITNFGGLAKLL	13398	13103
>EGFR-D855IITDFGLAKL	1387	>EGFR-D855IITNFGGLAKL	413	974
>EGFR-D855IITDFGLAKL	2920	>EGFR-D855IITNFGGLAKL	177	2743
>EGFR-D855IITDFGLAK	290	>EGFR-D855IITNFGGLAK	62	228
>EGFR-D855IITDFGLAK	33	>EGFR-D855IITNFGGLAK	16	17
>EGFR-D855IITDFGLAK	3611	>EGFR-D855IITNFGGLAK	42	3569
>EGFR-D855IITDFGLAK	6790	>EGFR-D855IITNFGGLAK	331	6459
>EGFR-D855IITDFGLAK	558	>EGFR-D855IITNFGGLAK	86	472
>EGFR-D855IITDFGLAKL	5434	>EGFR-D855IITNFGGLAKL	343	5091
>EGFR-D855IITDFGLAKL	6	>EGFR-D855IITNFGGLAKL	5	1
>EGFR-D855IITDFGLAKLL	15	>EGFR-D855IITNFGGLAKLL	9	6
>EGFR-D855IITDFGLAKLL	276	>EGFR-D855IITNFGGLAKLL	234	42
>EGFR-D855IITDFGLAKL	97	>EGFR-D855IITNFGGLAKL	48	49
>EGFR-D855IITDFGLAK	474	>EGFR-D855IITNFGGLAK	472	2

>EGFR-D855IITDFGLAKLL	613	>EGFR-D855IITNFGLAKLL	415	198
>EGFR-D855IKITDFGLAKL	91	>EGFR-D855IKITNFGLAKL	108	17
>EGFR-D855IKITDFGLAKLL	228	>EGFR-D855IKITNFGLAKLL	837	609
>EGFR-D855IKITDFGLA	348	>EGFR-D855IKITNFGLA	694	346
>EGFR-D855IKITDFGLAKL	81	>EGFR-D855IKITNFGLAKL	81	0
>EGFR-D855IKITDFGLA	117	>EGFR-D855IKITNFGLA	439	322
>EGFR-D855IKITDFGLAKL	432	>EGFR-D855IKITNFGLAKL	688	256
>EGFR-D855IKITDFGLAKLL	462	>EGFR-D855IKITNFGLAKLL	1425	963
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>EGFR-D855IKITDFGLAKL	478	>EGFR-D855IKITNFGLAKL	888	410
>EGFR-D855IKITDFGLAKL	29	>EGFR-D855IKITNFGLAKL	187	158
>EGFR-D855IKITDFGLAKLL	183	>EGFR-D855IKITNFGLAKLL	1434	1251
>EGFR-D855IKITDFGLAK	102	>EGFR-D855IKITNFGLAK	56	46
>EGFR-D855IKITDFGLAK	17	>EGFR-D855IKITNFGLAK	18	1
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>EGFR-D855IKITDFGLAKL	725	>EGFR-D855IKITNFGLAKL	251	474
>EGFR-D855IKITDFGLAKLL	679	>EGFR-D855IKITNFGLAKLL	251	428
>EGFR-D855IKITDFGLAK	98	>EGFR-D855IKITNFGLAK	247	149
>EGFR-D855IVKITDFGL	279	>EGFR-D855IVKITNFGL	126	153
>EGFR-D855IVKITDFGLAK	252	>EGFR-D855IVKITNFGLAK	156	96
>EGFR-D855IVKITDFGLAKI	295	>EGFR-D855IVKITNFGLAKI	222	73
>EGFR-D855IHVKITDFGLA	520	>EGFR-D855IHVKITNFGLA	219	301
>EGFR-D855IHVKITDFGLA	276	>EGFR-D855IHVKITNFGLA	170	106
>EGFR-D855IHVKITDFG	229	>EGFR-D855IHVKITNFG	23	206
>EGFR-D855IHVKITDFGL	168	>EGFR-D855IHVKITNFGL	27	141
>EGFR-D855IHVKITDFGLA	33	>EGFR-D855IHVKITNFGLA	10	23
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>EGFR-D855IHVKITDFGLA	201	>EGFR-D855IHVKITNFGLA	131	70
>EGFR-D855IHVKITDFGLA	130	>EGFR-D855IHVKITNFGLA	133	3
>EGFR-D855IHVKITDFGL	328	>EGFR-D855IHVKITNFGL	394	66
>EGFR-D855IQHVKITDF	107	>EGFR-D855IQHVKITNF	52	55
>EGFR-D855IQHVKITDFGL	380	>EGFR-D855IQHVKITNFGL	92	288
>EGFR-D855IPQHVKITDF	82	>EGFR-D855IPQHVKITNF	40	42
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>EGFR-D855IPQHVKITDF	125	>EGFR-D855IPQHVKITNF	224	99
>EGFR-D855IPQHVKITDF	769	>EGFR-D855IPQHVKITNF	441	328
>EGFR-D855IPQHVKITDF	234	>EGFR-D855IPQHVKITNF	168	66
>EGFR-D855IKTPQHVKITD	461	>EGFR-D855IKTPQHVKITN	158	303
>EGFR-D855IKTPQHVKITD	41	>EGFR-D855IKTPQHVKITN	38	3
>EGFR-D855IKTPQHVKITD	693	>EGFR-D855IKTPQHVKITN	457	236
>EGFR-D855IKTPQHVKITD	44	>EGFR-D855IKTPQHVKITN	14	30
>EGFR-D855IKTPQHVKITD	7	>EGFR-D855IKTPQHVKITN	4	3
>EGFR-E602CENNTLVWKY	1645	>EGFR-E602CQNNTLVWKY	421	1224

>EGFR-E602C ENNTLVWKY	927	>EGFR-E602C QNNTLVWKY	360	567
>EGFR-E602C ENNTLVWK	126	>EGFR-E602C QNNTLVWK	1899	1773
>EGFR-E602C ENNTLVWKY	1749	>EGFR-E602C QNNTLVWKY	245	1504
>EGFR-E602C ENNTLVWKY	411	>EGFR-E602C QNNTLVWKY	355	56
>EGFR-E602C GENNTLVWK	12315	>EGFR-E602C GQNNTLVWk	142	12173
>EGFR-E602C GENNTLVWK	7314	>EGFR-E602C GQNNTLVWk	54	7260
>EGFR-E602C GENNTLVWK	1172	>EGFR-E602C GQNNTLVWk	313	859
>EGFR-E602C GENNTLVWK	10535	>EGFR-E602C GQNNTLVWk	350	10185
>EGFR-E602C GENNTLVW	8851	>EGFR-E602C GQNNTLVW	240	8611
>EGFR-E602C GENNTLVWK	6587	>EGFR-E602C GQNNTLVWk	220	6367
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>EGFR-E602C GENNTLVWK	3029	>EGFR-E602C GQNNTLVWk	61	2968
>EGFR-E602C GENNTLVWK	208	>EGFR-E602C GQNNTLVWk	9457	9249
>EGFR-E602C GENNTLVW	62	>EGFR-E602C GQNNTLVW	2920	2858
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>EGFR-E602C GENNTLVW	33	>EGFR-E602C GQNNTLVW	1397	1364
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>EGFR-E602C GENNTLVWK	22	>EGFR-E602C GQNNTLVWk	3564	3542
>EGFR-E602C GENNTLVWK	308	>EGFR-E602C GQNNTLVWk	16112	15804
>EGFR-E602C MGENNTLVV	407	>EGFR-E602C MGQNNTLV\	164	243
>EGFR-E602C MGENNTLVV	155	>EGFR-E602C MGQNNTLV\	63	92
>EGFR-E602C MGENNTLVV	512	>EGFR-E602C MGQNNTLV\	391	121
>EGFR-E602C MGENNTLVV	153	>EGFR-E602C MGQNNTLV\	211	58
>EGFR-E602C MGENNTLVV	271	>EGFR-E602C MGQNNTLV\	23	248
>EGFR-E602C MGENNTLVV	159	>EGFR-E602C MGQNNTLV\	559	400
>EGFR-E602C MGENNTLVV	155	>EGFR-E602C MGQNNTLV\	278	123
>EGFR-E602C VMGENNTL	757	>EGFR-E602C VMGQNNTL	321	436
>EGFR-E602C VMGENNTLV	668	>EGFR-E602C VMGQNNTLV	136	532
>EGFR-E602C VMGENNTL	253	>EGFR-E602C VMGQNNTL	1606	1353
>EGFR-E602C VMGENNTLV	36	>EGFR-E602C VMGQNNTLV	213	177
>EGFR-E602C VMGENNTL	48	>EGFR-E602C VMGQNNTL	144	96
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>EGFR-E602C VMGENNTL	193	>EGFR-E602C VMGQNNTL	865	672
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>EGFR-E602C VMGENNTLV	50	>EGFR-E602C VMGQNNTLV	486	436
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>EGFR-E602C VMGENNTLV	6	>EGFR-E602C VMGQNNTLV	10	4
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>EGFR-E602C VMGENNTL	5	>EGFR-E602C VMGQNNTL	6	1
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>EGFR-E602C VMGENNTLV	102	>EGFR-E602C VMGQNNTLV	151	49
>EGFR-E602C VMGENNTLV	167	>EGFR-E602C VMGQNNTLV	275	108
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>EGFR-E602C VMGENNTLV	34	>EGFR-E602C VMGQNNTLV	29	5
>EGFR-E602C GVMGENNTL	113	>EGFR-E602C GVMGQNNTL	304	191
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>EGFR-E602C GVMGENNTL	48	>EGFR-E602C GVMGQNNTL	95	47
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>EGFR-E602C GVMGENNTL	431	>EGFR-E602C GVMGQNNTL	513	82
>EGFR-E602C GVMGENNTL	174	>EGFR-E602C GVMGQNNTL	312	138
>EGFR-E602C GVMGENNTL	238	>EGFR-E602C GVMGQNNTL	318	80
>EGFR-E602C GVMGENNTL	533	>EGFR-E602C GVMGQNNTL	466	67
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>EGFR-E602C GVMGENNTL	289	>EGFR-E602C GVMGQNNTL	316	27
>EGFR-E602C GVMGENNTL	318	>EGFR-E602C GVMGQNNTL	512	194
>EGFR-E602C GVMGENNTL	594	>EGFR-E602C GVMGQNNTL	414	180
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>EGFR-E602C GVMGENNTL	128	>EGFR-E602C GVMGQNNTL	91	37
>EGFR-E602C GVMGENNTL	129	>EGFR-E602C GVMGQNNTL	99	30
>EGFR-E602C GVMGENNTL	217	>EGFR-E602C GVMGQNNTL	136	81
>EGFR-E602C GVMGENNTL	51	>EGFR-E602C GVMGQNNTL	54	3
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>EGFR-E602C CPAGVMGEN	289	>EGFR-E602C CPAGVMGQI	241	48
>EGFR-E602C KTCPAGVMG	643	>EGFR-E602C KTCPAGVMG	241	402
>EGFR-E709/ ETEFKKIK	4936	>EGFR-E709/ ATEFKKIK	350	4586
>EGFR-E709/ ETEFKKIK	46	>EGFR-E709/ ATEFKKIK	2791	2745
>EGFR-E709/ ETEFKKIKV	201	>EGFR-E709/ ATEFKKIKV	6885	6684
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>EGFR-E709/ ETEFKKIK	2685	>EGFR-E709/ ATEFKKIK	235	2450
>EGFR-E709/ KETEFKKI	82	>EGFR-E709/ KATEFKKI	24080	23998
>EGFR-E709/ KETEFKKIKV	274	>EGFR-E709/ KATEFKKIKV	27024	26750
>EGFR-E709/ KETEFKKIKVL	128	>EGFR-E709/ KATEFKKIKVL	25028	24900
>EGFR-E709/ KETEFKKIK	10511	>EGFR-E709/ KATEFKKIK	313	10198
>EGFR-E709/ KETEFKKIKVL	21152	>EGFR-E709/ KATEFKKIKVL	251	20901
>EGFR-E709/ KETEFKKI	165	>EGFR-E709/ KATEFKKI	22499	22334
>EGFR-E709/ KETEFKKIKV	51	>EGFR-E709/ KATEFKKIKV	20199	20148
>EGFR-E709/ KETEFKKI	289	>EGFR-E709/ KATEFKKI	36025	35736
>EGFR-E709/ KETEFKKIKVL	75	>EGFR-E709/ KATEFKKIKVL	28357	28282
>EGFR-E709/ KETEFKKIKVL	105	>EGFR-E709/ KATEFKKIKVL	25636	25531



>EGFR-E709/KETEFKKI	3569	>EGFR-E709/KATEFKKI	96	3473
>EGFR-E709/LKETEFKKI	757	>EGFR-E709/LKATEFKKI	439	318
>EGFR-E709/LKETEFKKI	1464	>EGFR-E709/LKATEFKKI	80	1384
>EGFR-E709/LKETEFKKIKV	4576	>EGFR-E709/LKATEFKKIKV	477	4099
>EGFR-E709/ILKETEFKKI	144	>EGFR-E709/ILKATEFKKI	106	38
>EGFR-E709/ILKETEFKKI	259	>EGFR-E709/ILKATEFKKI	1187	928
>EGFR-E709/ILKETEFKKI	63	>EGFR-E709/ILKATEFKKI	154	91
>EGFR-E709/ILKETEFK	129	>EGFR-E709/ILKATEFK	72	57
>EGFR-E709/ILKETEFKK	144	>EGFR-E709/ILKATEFKK	83	61
>EGFR-E709/ILKETEFKKIK	549	>EGFR-E709/ILKATEFKKIK	288	261
>EGFR-E709/ILKETEFK	431	>EGFR-E709/ILKATEFK	193	238
>EGFR-E709/ILKETEFKK	502	>EGFR-E709/ILKATEFKK	209	293
>EGFR-E709/ILKETEFK	97	>EGFR-E709/ILKATEFK	30	67
>EGFR-E709/ILKETEFKK	235	>EGFR-E709/ILKATEFKK	81	154
>EGFR-E709/ILKETEFKKIK	224	>EGFR-E709/ILKATEFKKIK	88	136
>EGFR-E709/ILKETEFK	561	>EGFR-E709/ILKATEFK	223	338
>EGFR-E709/ILKETEFKK	528	>EGFR-E709/ILKATEFKK	244	284
>EGFR-E709/ILKETEFK	352	>EGFR-E709/ILKATEFK	276	76
>EGFR-E709/RILKETEFK	83	>EGFR-E709/RILKATEFK	52	31
>EGFR-E709/RILKETEFKK	111	>EGFR-E709/RILKATEFKK	34	77
>EGFR-E709/RILKETEFK	23	>EGFR-E709/RILKATEFK	19	4
>EGFR-E709/RILKETEFKK	58	>EGFR-E709/RILKATEFKK	26	32
>EGFR-E709/RILKETEF	267	>EGFR-E709/RILKATEF	199	68
>EGFR-E709/RILKETEFK	37	>EGFR-E709/RILKATEFK	8	29
>EGFR-E709/RILKETEFKK	71	>EGFR-E709/RILKATEFKK	18	53
>EGFR-E709/RILKETEFKKI	2042	>EGFR-E709/RILKATEFKKI	488	1554
>EGFR-E709/RILKETEFK	508	>EGFR-E709/RILKATEFK	151	357
>EGFR-E709/RILKETEFKK	503	>EGFR-E709/RILKATEFKK	166	337
>EGFR-E709/RILKETEF	40	>EGFR-E709/RILKATEF	21	19
>EGFR-E709/RILKETEFKKI	128	>EGFR-E709/RILKATEFKKI	109	19
>EGFR-E709/RILKETEF	851	>EGFR-E709/RILKATEF	256	595
>EGFR-E709/RILKETEF	62	>EGFR-E709/RILKATEF	46	16
>EGFR-E709/RILKETEF	111	>EGFR-E709/RILKATEF	41	70
>EGFR-E709/RILKETEF	814	>EGFR-E709/RILKATEF	418	396
>EGFR-E709/RILKETEF	2712	>EGFR-E709/RILKATEF	372	2340
>EGFR-E709/RILKETEFK	64	>EGFR-E709/RILKATEFK	88	24
>EGFR-E709/RILKETEFKK	149	>EGFR-E709/RILKATEFKK	160	11
>EGFR-E709/LRILKETEF	106	>EGFR-E709/LRILKATEF	60	46
>EGFR-E709/LRILKETEF	1405	>EGFR-E709/LRILKATEF	390	1015
>EGFR-E709/LRILKETEFK	302	>EGFR-E709/LRILKATEFK	235	67
>EGFR-E709/LRILKETEFKK	185	>EGFR-E709/LRILKATEFKK	104	81
>EGFR-E709/LLRILKETEFK	286	>EGFR-E709/LLRILKATEFK	119	167
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>EGFR-E709/LLRILKETEFK	618	>EGFR-E709/LLRILKATEFK	254	364
>EGFR-E709/LLRILKETEF	167	>EGFR-E709/LLRILKATEF	92	75
>EGFR-E709/LLRILKETEF	119	>EGFR-E709/LLRILKATEF	83	36
>EGFR-E709/LLRILKETEF	422	>EGFR-E709/LLRILKATEF	74	348
>EGFR-E709/LLRILKETEF	547	>EGFR-E709/LLRILKATEF	343	204
>EGFR-E709/ALLRILKE	20096	>EGFR-E709/ALLRILKA	163	19933
>EGFR-E709/ALLRILKE	11684	>EGFR-E709/ALLRILKA	456	11228
>EGFR-E709/ALLRILKE	17985	>EGFR-E709/ALLRILKA	172	17813
>EGFR-E709/ALLRILKE	15701	>EGFR-E709/ALLRILKA	283	15418
>EGFR-E709/ALLRILKE	6802	>EGFR-E709/ALLRILKA	18	6784
>EGFR-E709/ALLRILKET	151	>EGFR-E709/ALLRILKAT	173	22
>EGFR-E709/ALLRILKE	18726	>EGFR-E709/ALLRILKA	280	18446
>EGFR-E709/ALLRILKE	13478	>EGFR-E709/ALLRILKA	34	13444
>EGFR-E709/ALLRILKE	4905	>EGFR-E709/ALLRILKA	8	4897
>EGFR-E709/ALLRILKET	90	>EGFR-E709/ALLRILKAT	308	218
>EGFR-E709/ALLRILKETEF	153	>EGFR-E709/ALLRILKATEF	66	87
>EGFR-E709/ALLRILKETEF	58	>EGFR-E709/ALLRILKATEF	40	18
>EGFR-E709(ETEFKKIK	46	>EGFR-E709(GTEFKKIK	3428	3382
>EGFR-E709(ETEFKKIKV	201	>EGFR-E709(GTEFKKIKV	12888	12687
>EGFR-E709(ETEFKKIK	2685	>EGFR-E709(GTEFKKIK	460	2225
>EGFR-E709(KETEFKKI	82	>EGFR-E709(KGTEFKKI	32650	32568
>EGFR-E709(KETEFKKIKV	274	>EGFR-E709(KGTEFKKIKV	23855	23581
>EGFR-E709(KETEFKKIKVL	128	>EGFR-E709(KGTEFKKIKVL	22990	22862
>EGFR-E709(KETEFKKI	165	>EGFR-E709(KGTEFKKI	23825	23660
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>EGFR-E709(KETEFKKI	289	>EGFR-E709(KGTEFKKI	37851	37562
>EGFR-E709(KETEFKKIKVL	75	>EGFR-E709(KGTEFKKIKVL	31921	31846
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>EGFR-E709(KETEFKKI	3569	>EGFR-E709(KGTEFKKI	454	3115
>EGFR-E709(ILKETEFKKI	144	>EGFR-E709(ILKGTEFKKI	130	14
>EGFR-E709(ILKETEFKKI	259	>EGFR-E709(ILKGTEFKKI	784	525
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>EGFR-E709(ILKETEFK	97	>EGFR-E709(ILKGTEFK	71	26
>EGFR-E709(ILKETEFKK	235	>EGFR-E709(ILKGTEFKK	204	31
>EGFR-E709(ILKETEFKKIK	224	>EGFR-E709(ILKGTEFKKIK	196	28
>EGFR-E709(ILKETEFK	561	>EGFR-E709(ILKGTEFK	481	80
>EGFR-E709(ILKETEFK	352	>EGFR-E709(ILKGTEFK	438	86
>EGFR-E709(RILKETEFK	83	>EGFR-E709(RILKGTEFK	46	37
>EGFR-E709(RILKETEFKK	111	>EGFR-E709(RILKGTEFKK	39	72

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>EGFR-E709C RILKETEFKK	58	>EGFR-E709C RILKGTEFKK	35	23
>EGFR-E709C RILKETEF	267	>EGFR-E709C RILKGTEF	288	21
>EGFR-E709C RILKETEFK	37	>EGFR-E709C RILKGTEFK	14	23
>EGFR-E709C RILKETEFKK	71	>EGFR-E709C RILKGTEFKK	35	36
>EGFR-E709C RILKETEFK	508	>EGFR-E709C RILKGTEFK	95	413
>EGFR-E709C RILKETEFKK	503	>EGFR-E709C RILKGTEFKK	201	302
>EGFR-E709C RILKETEF	40	>EGFR-E709C RILKGTEF	37	3
>EGFR-E709C RILKETEFKKI	128	>EGFR-E709C RILKGTEFKKI	104	24
>EGFR-E709C RILKETEF	851	>EGFR-E709C RILKGTEF	184	667
>EGFR-E709C RILKETEF	62	>EGFR-E709C RILKGTEF	44	18
>EGFR-E709C RILKETEF	111	>EGFR-E709C RILKGTEF	41	70
>EGFR-E709C RILKETEF	2712	>EGFR-E709C RILKGTEF	293	2419
>EGFR-E709C RILKETEFK	64	>EGFR-E709C RILKGTEFK	199	135
>EGFR-E709C RILKETEFKK	149	>EGFR-E709C RILKGTEFKK	277	128
>EGFR-E709C RILKETEFKKI	669	>EGFR-E709C RILKGTEFKKI	484	185
>EGFR-E709C LRILKETEF	106	>EGFR-E709C LRILKGTEF	30	76
>EGFR-E709C LRILKETEFK	302	>EGFR-E709C LRILKGTEFK	188	114
>EGFR-E709C LRILKETEFKK	185	>EGFR-E709C LRILKGTEFKK	113	72
>EGFR-E709C LLRILKETEFK	286	>EGFR-E709C LLRILKGTEFK	120	166
>EGFR-E709C LLRILKETEFK	60	>EGFR-E709C LLRILKGTEFK	23	37
>EGFR-E709C LLRILKETEFK	618	>EGFR-E709C LLRILKGTEFK	435	183
>EGFR-E709C LLRILKETEF	167	>EGFR-E709C LLRILKGTEF	83	84
>EGFR-E709C LLRILKETEF	119	>EGFR-E709C LLRILKGTEF	112	7
>EGFR-E709C LLRILKETEF	422	>EGFR-E709C LLRILKGTEF	201	221
>EGFR-E709C LLRILKETEF	547	>EGFR-E709C LLRILKGTEF	339	208
>EGFR-E709C ALLRILKET	151	>EGFR-E709C ALLRILKGT	149	2
>EGFR-E709C ALLRILKET	90	>EGFR-E709C ALLRILKGT	140	50
>EGFR-E709C ALLRILKETEF	153	>EGFR-E709C ALLRILKGTEF	177	24
>EGFR-E709C ALLRILKETEF	58	>EGFR-E709C ALLRILKGTEF	42	16
>EGFR-E709F ETEFKKIK	13012	>EGFR-E709F HTEFKKIK	266	12746
>EGFR-E709F ETEFKKIK	46	>EGFR-E709F HTEFKKIK	258	212
>EGFR-E709F ETEFKKIKV	201	>EGFR-E709F HTEFKKIKV	688	487
>EGFR-E709F ETEFKKIKVL	1775	>EGFR-E709F HTEFKKIKVL	137	1638
>EGFR-E709F KETEFKKI	82	>EGFR-E709F KHTEFKKI	24904	24822
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>EGFR-E709F KETEFKKIKVL	105	>EGFR-E709F KHTEFKKIKVL	18372	18267
>EGFR-E709F LKETEFKKI	1464	>EGFR-E709F LKHTEFKKI	43	1421

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>EGFR-E709† ILKETEFKKI	144	>EGFR-E709† ILKHTEFKKI	303	159
>EGFR-E709† ILKETEFKKI	259	>EGFR-E709† ILKHTEFKKI	2280	2021
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>EGFR-E709† ILKETEFKK	144	>EGFR-E709† ILKHTEFKK	99	45
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>EGFR-E709† ILKETEFK	431	>EGFR-E709† ILKHTEFK	406	25
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>EGFR-E709† ILKETEFKK	235	>EGFR-E709† ILKHTEFKK	92	143
>EGFR-E709† ILKETEFKKIK	224	>EGFR-E709† ILKHTEFKKIK	97	127
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>EGFR-E709† ILKETEFK	352	>EGFR-E709† ILKHTEFK	505	153
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>EGFR-E709† RILKETEFKK	71	>EGFR-E709† RILKHTEFKK	26	45
>EGFR-E709† RILKETEFK	508	>EGFR-E709† RILKHTEFK	41	467
>EGFR-E709† RILKETEFKK	503	>EGFR-E709† RILKHTEFKK	80	423
>EGFR-E709† RILKETEF	40	>EGFR-E709† RILKHTEF	17	23
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>EGFR-E709† RILKETEF	111	>EGFR-E709† RILKHTEF	58	53
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>EGFR-E709† RILKETEFKK	149	>EGFR-E709† RILKHTEFKK	138	11
>EGFR-E709† LRILKETEF	106	>EGFR-E709† LRILKHTEF	45	61
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>EGFR-E709† LRILKETEFKK	185	>EGFR-E709† LRILKHTEFKK	166	19
>EGFR-E709† LLRILKETEFK	286	>EGFR-E709† LLRILKHTEFK	113	173
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>EGFR-E709† ALLRILKETEF	153	>EGFR-E709† ALLRILKHTEF	108	45
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>EGFR-E709† RILKETEFK	83	>EGFR-E709† RILKKTEFK	50	33
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>EGFR-E709† RILKETEFK	508	>EGFR-E709† RILKKTEFK	45	463
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>EGFR-E709† LRILKETEFK	302	>EGFR-E709† LRILKKTEFK	260	42
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>EGFR-E709† LLRILKETEF	167	>EGFR-E709† LLRILKKTEF	184	17
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>EGFR-E709\ ILKETEFKKI	144	>EGFR-E709\ ILKVTEFKKI	258	114
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>EGFR-E709\ ILKETEFK	129	>EGFR-E709\ ILKVTEFK	115	14
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>EGFR-E709\ ILKETEFKK	502	>EGFR-E709\ ILKVTEFKK	416	86
>EGFR-E709\ ILKETEFK	97	>EGFR-E709\ ILKVTEFK	52	45
>EGFR-E709\ ILKETEFKK	235	>EGFR-E709\ ILKVTEFKK	125	110
>EGFR-E709\ ILKETEFKKIK	224	>EGFR-E709\ ILKVTEFKKIK	128	96
>EGFR-E709\ ILKETEFK	561	>EGFR-E709\ ILKVTEFK	157	404
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>EGFR-E709\ ILKETEFK	352	>EGFR-E709\ ILKVTEFK	259	93
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>EGFR-E709\ RILKETEFK	83	>EGFR-E709\ RILKVTEFK	39	44
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>EGFR-E709\ RILKETEFK	23	>EGFR-E709\ RILKVTEFK	13	10
>EGFR-E709\ RILKETEFKK	58	>EGFR-E709\ RILKVTEFKK	37	21
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>EGFR-E709\ RILKETEFK	37	>EGFR-E709\ RILKVTEFK	17	20
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>EGFR-E709\ RILKETEFK	64	>EGFR-E709\ RILKVTEFK	107	43
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>EGFR-E709\ LRILKETEF	106	>EGFR-E709\ LRILKVTEF	36	70
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>EGFR-E709\ LRILKETEFKK	185	>EGFR-E709\ LRILKVTEFKK	105	80
>EGFR-E709\ LLRILKETEFK	286	>EGFR-E709\ LLRILKVTEFK	106	180

>EGFR-E709\LLRILKETEFK	60	>EGFR-E709\LLRILKVTEFK	22	38
>EGFR-E709\LLRILKETEFK	618	>EGFR-E709\LLRILKVTEFK	184	434
>EGFR-E709\LLRILKETEF	167	>EGFR-E709\LLRILKVTEF	76	91
>EGFR-E709\LLRILKETEF	119	>EGFR-E709\LLRILKVTEF	50	69
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>EGFR-E709\ALLRILKE	20096	>EGFR-E709\ALLRILKV	20	20076
>EGFR-E709\ALLRILKE	11684	>EGFR-E709\ALLRILKV	74	11610
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>EGFR-E711†EFKKIKVLGSC	16007	>EGFR-E711†KFKKIKVLGSC	297	15710
>EGFR-E711†TEFKKIKVL	51	>EGFR-E711†TKFKKIKVL	4137	4086
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>EGFR-E711†ETEFKKIK	46	>EGFR-E711†ETKFKKIK	35	11
>EGFR-E711†ETEFKKIKV	201	>EGFR-E711†ETKFKKIKV	126	75
>EGFR-E711†KETEFKKI	82	>EGFR-E711†KETKFKKI	76	6
>EGFR-E711†KETEFKKIKV	274	>EGFR-E711†KETKFKKIKV	435	161
>EGFR-E711†KETEFKKIKVL	128	>EGFR-E711†KETKFKKIKVL	196	68
>EGFR-E711†KETEFKKI	165	>EGFR-E711†KETKFKKI	392	227
>EGFR-E711†KETEFKKIKVL	51	>EGFR-E711†KETKFKKIKVL	101	50
>EGFR-E711†KETEFKKI	289	>EGFR-E711†KETKFKKI	373	84
>EGFR-E711†KETEFKKIKVL	75	>EGFR-E711†KETKFKKIKVL	101	26
>EGFR-E711†KETEFKKIKVL	105	>EGFR-E711†KETKFKKIKVL	164	59



>EGFR-E711†LKETEFKKI	757	>EGFR-E711†LKETKFKKI	436	321
>EGFR-E711†ILKETEFKKI	144	>EGFR-E711†ILKETKFKKI	227	83
>EGFR-E711†ILKETEFKKI	259	>EGFR-E711†ILKETKFKKI	283	24
>EGFR-E711†ILKETEFKKI	63	>EGFR-E711†ILKETKFKKI	71	8
>EGFR-E711†ILKETEFLK	129	>EGFR-E711†ILKETKFK	78	51
>EGFR-E711†ILKETEFLK	144	>EGFR-E711†ILKETKFKK	86	58
>EGFR-E711†ILKETEFLKIK	549	>EGFR-E711†ILKETKFKKIK	356	193
>EGFR-E711†ILKETEFLK	431	>EGFR-E711†ILKETKFK	824	393
>EGFR-E711†ILKETEFLK	502	>EGFR-E711†ILKETKFKK	498	4
>EGFR-E711†ILKETEFLK	97	>EGFR-E711†ILKETKFK	24	73
>EGFR-E711†ILKETEFLK	235	>EGFR-E711†ILKETKFKK	95	140
>EGFR-E711†ILKETEFLKIK	224	>EGFR-E711†ILKETKFKKIK	123	101
>EGFR-E711†ILKETEFLK	561	>EGFR-E711†ILKETKFK	314	247
>EGFR-E711†ILKETEFLK	528	>EGFR-E711†ILKETKFKK	61	467
>EGFR-E711†ILKETEFLK	352	>EGFR-E711†ILKETKFK	1245	893
>EGFR-E711†RILKETEFLK	83	>EGFR-E711†RILKETKFK	59	24
>EGFR-E711†RILKETEFLK	111	>EGFR-E711†RILKETKFKK	51	60
>EGFR-E711†RILKETEFLK	23	>EGFR-E711†RILKETKFK	45	22
>EGFR-E711†RILKETEFLK	58	>EGFR-E711†RILKETKFKK	54	4
>EGFR-E711†RILKETEFL	267	>EGFR-E711†RILKETKF	550	283
>EGFR-E711†RILKETEFLK	37	>EGFR-E711†RILKETKFK	9	28
>EGFR-E711†RILKETEFLK	71	>EGFR-E711†RILKETKFKK	28	43
>EGFR-E711†RILKETEFLK	503	>EGFR-E711†RILKETKFKK	173	330
>EGFR-E711†RILKETEFL	40	>EGFR-E711†RILKETKF	57	17
>EGFR-E711†RILKETEFLKI	128	>EGFR-E711†RILKETKFKKI	162	34
>EGFR-E711†RILKETEFL	62	>EGFR-E711†RILKETKF	111	49
>EGFR-E711†RILKETEFL	111	>EGFR-E711†RILKETKF	86	25
>EGFR-E711†RILKETEFLK	64	>EGFR-E711†RILKETKFK	46	18
>EGFR-E711†RILKETEFLK	149	>EGFR-E711†RILKETKFKK	98	51
>EGFR-E711†LRILKETEFL	106	>EGFR-E711†LRILKETKF	236	130
>EGFR-E711†LRILKETE	11388	>EGFR-E711†LRILKETK	303	11085
>EGFR-E711†LRILKETEFLK	302	>EGFR-E711†LRILKETKFK	205	97
>EGFR-E711†LRILKETEFLK	185	>EGFR-E711†LRILKETKFKK	119	66
>EGFR-E711†LLRILKETEFLK	286	>EGFR-E711†LLRILKETKFK	207	79
>EGFR-E711†LLRILKETE	13863	>EGFR-E711†LLRILKETK	326	13537
>EGFR-E711†LLRILKETEFLK	60	>EGFR-E711†LLRILKETKFK	24	36
>EGFR-E711†LLRILKETEFL	167	>EGFR-E711†LLRILKETKF	681	514
>EGFR-E711†LLRILKETEFL	119	>EGFR-E711†LLRILKETKF	250	131
>EGFR-E711†LLRILKETEFL	422	>EGFR-E711†LLRILKETKF	403	19
>EGFR-E711†LLRILKETEFL	547	>EGFR-E711†LLRILKETKF	297	250
>EGFR-E711†ALLRILKETE	16634	>EGFR-E711†ALLRILKETK	70	16564
>EGFR-E711†ALLRILKETE	33565	>EGFR-E711†ALLRILKETK	116	33449
>EGFR-E711†ALLRILKETEFL	153	>EGFR-E711†ALLRILKETKF	170	17

>EGFR-E711†ALLRILKETEF	58	>EGFR-E711†ALLRILKETKF	106	48
>EGFR-E734†GTVYKGLWIF	19060	>EGFR-E734†GTVYKGLWIF	23	19037
>EGFR-E734†GTVYKGLWIF	11101	>EGFR-E734†GTVYKGLWIF	99	11002
>EGFR-E734†GTVYKGLWIF	2607	>EGFR-E734†GTVYKGLWIF	133	2474
>EGFR-E734†IPEGEKVKIPV	188	>EGFR-E734†IPKGEKVKIPV	159	29
>EGFR-E734†IPEGEKVKI	142	>EGFR-E734†IPKGEKVKI	807	665
>EGFR-E734†IPEGEKVKIPV	311	>EGFR-E734†IPKGEKVKIPV	187	124
>EGFR-E734†WIPEGEKV	298	>EGFR-E734†WIPKGEKV	1067	769
>EGFR-E734†WIPEGEKV	191	>EGFR-E734†WIPKGEKV	794	603
>EGFR-E734†WIPEGEKV	25	>EGFR-E734†WIPKGEKV	199	174
>EGFR-E734†WIPEGEKV	69	>EGFR-E734†WIPKGEKV	293	224
>EGFR-E734†WIPEGEKV	284	>EGFR-E734†WIPKGEKV	2471	2187
>EGFR-E734†WIPEGEKV	10	>EGFR-E734†WIPKGEKV	35	25
>EGFR-E734†WIPEGEKVKI	453	>EGFR-E734†WIPKGEKVKI	2152	1699
>EGFR-E734†WIPEGEKV	381	>EGFR-E734†WIPKGEKV	728	347
>EGFR-E734†LWIPEGEKVK	158	>EGFR-E734†LWIPKGEKVK	279	121
>EGFR-E734†LWIPEGEKVK	37	>EGFR-E734†LWIPKGEKVK	65	28
>EGFR-E734†LWIPEGEKV	270	>EGFR-E734†LWIPKGEKV	224	46
>EGFR-E734†LWIPEGEKVK	270	>EGFR-E734†LWIPKGEKVK	240	30
>EGFR-E734†GLWIPEGEKV	251	>EGFR-E734†GLWIPKGEKV	604	353
>EGFR-E734†GLWIPEGEKV	329	>EGFR-E734†GLWIPKGEKV	511	182
>EGFR-E734†GLWIPEGEKV	3	>EGFR-E734†GLWIPKGEKV	3	0
>EGFR-E734†GLWIPEGEKV	28	>EGFR-E734†GLWIPKGEKV	41	13
>EGFR-E734†GLWIPEGEKV	6	>EGFR-E734†GLWIPKGEKV	8	2
>EGFR-E734†GLWIPEGEKV	87	>EGFR-E734†GLWIPKGEKV	128	41
>EGFR-E734†GLWIPEGEKV	7	>EGFR-E734†GLWIPKGEKV	7	0
>EGFR-E734†GLWIPEGEK	421	>EGFR-E734†GLWIPKGEK	196	225
>EGFR-E734†KGLWIPEGEK	229	>EGFR-E734†KGLWIPKGEK	398	169
>EGFR-E734†KGLWIPEGEK	499	>EGFR-E734†KGLWIPKGEK	1041	542
>EGFR-E734†VYKGLWIPE	2095	>EGFR-E734†VYKGLWIPK	5	2090
>EGFR-E734†VYKGLWIPE	7732	>EGFR-E734†VYKGLWIPK	74	7658
>EGFR-E734†VYKGLWIPE	8523	>EGFR-E734†VYKGLWIPK	295	8228
>EGFR-E734†VYKGLWIPE	7778	>EGFR-E734†VYKGLWIPK	48	7730
>EGFR-E734†TVYKGLWIPE	16082	>EGFR-E734†TVYKGLWIPK	38	16044
>EGFR-E734†TVYKGLWIPE	23431	>EGFR-E734†TVYKGLWIPK	14	23417
>EGFR-E734†TVYKGLWIPE	9932	>EGFR-E734†TVYKGLWIPK	36	9896
>EGFR-E734†TVYKGLWIPE	17084	>EGFR-E734†TVYKGLWIPK	19	17065
>EGFR-E734†TVYKGLWIPE	6652	>EGFR-E734†TVYKGLWIPK	496	6156
>EGFR-E734(IPEGEKVKIPV	188	>EGFR-E734(IPQGEKVKIPV	105	83
>EGFR-E734(IPEGEKVKI	142	>EGFR-E734(IPQGEKVKI	197	55
>EGFR-E734(IPEGEKVKIPV	311	>EGFR-E734(IPQGEKVKIPV	229	82
>EGFR-E734(WIPEGEKV	298	>EGFR-E734(WIPQGEKV	1169	871
>EGFR-E734(WIPEGEKV	191	>EGFR-E734(WIPQGEKV	731	540

>EGFR-E734CWIPEGEKV	25	>EGFR-E734CWIPQGEKV	107	82
>EGFR-E734CWIPEGEKV	69	>EGFR-E734CWIPQGEKV	217	148
>EGFR-E734CWIPEGEKV	284	>EGFR-E734CWIPQGEKV	1842	1558
>EGFR-E734CWIPEGEKV	10	>EGFR-E734CWIPQGEKV	17	7
>EGFR-E734CWIPEGEKVKI	453	>EGFR-E734CWIPQGEKVKI	941	488
>EGFR-E734CWIPEGEKV	381	>EGFR-E734CWIPQGEKV	828	447
>EGFR-E734CLWIPEGEKVK	158	>EGFR-E734CLWIPQGEKV	432	274
>EGFR-E734CLWIPEGEKVK	37	>EGFR-E734CLWIPQGEKV	36	1
>EGFR-E734CLWIPEGEKV	270	>EGFR-E734CLWIPQGEKV	240	30
>EGFR-E734CLWIPEGEKVK	270	>EGFR-E734CLWIPQGEKV	250	20
>EGFR-E734CLWIPEGEKV	251	>EGFR-E734CLWIPQGEKV	380	129
>EGFR-E734CLWIPEGEKV	329	>EGFR-E734CLWIPQGEKV	458	129
>EGFR-E734CLWIPEGEKV	3	>EGFR-E734CLWIPQGEKV	3	0
>EGFR-E734CLWIPEGEKV	28	>EGFR-E734CLWIPQGEKV	22	6
>EGFR-E734CLWIPEGEKV	6	>EGFR-E734CLWIPQGEKV	6	0
>EGFR-E734CLWIPEGEKV	87	>EGFR-E734CLWIPQGEKV	45	42
>EGFR-E734CLWIPEGEKV	7	>EGFR-E734CLWIPQGEKV	6	1
>EGFR-E734CLWIPEGEK	421	>EGFR-E734CLWIPQGEK	113	308
>EGFR-E734CKGLWIPEGEK	229	>EGFR-E734CKGLWIPQGEK	223	6
>EGFR-E734CKGLWIPEGEK	499	>EGFR-E734CKGLWIPQGEK	412	87
>EGFR-E734CVYKGLWIPE	2095	>EGFR-E734CVYKGLWIPQ	302	1793
>EGFR-E746I ELREATSPKA	1973	>EGFR-E746I ILREATSPKA	145	1828
>EGFR-E746I ELREATSPKA	2026	>EGFR-E746I ILREATSPKA	255	1771
>EGFR-E746I ELREATSPKA	122	>EGFR-E746I ILREATSPKA	12	110
>EGFR-E746I ELREATSPK	226	>EGFR-E746I ILREATSPK	36	190
>EGFR-E746I ELREATSPK	86	>EGFR-E746I ILREATSPK	5	81
>EGFR-E746I ELREATSPKA	2381	>EGFR-E746I ILREATSPKA	29	2352
>EGFR-E746I ELREATSPK	139	>EGFR-E746I ILREATSPK	2463	2324
>EGFR-E746I KELREATSPK/	6806	>EGFR-E746I KILREATSPKA	365	6441
>EGFR-E746I KELREATSPK	3803	>EGFR-E746I KILREATSPK	19	3784
>EGFR-E746I KELREATSPK	18799	>EGFR-E746I KILREATSPK	101	18698
>EGFR-E746I KELREATSPK	1031	>EGFR-E746I KILREATSPK	11	1020
>EGFR-E746I KELREATSPK/	7407	>EGFR-E746I KILREATSPKA	143	7264
>EGFR-E746I KELREATSPK/	449	>EGFR-E746I KILREATSPKA	39261	38812
>EGFR-E746I KELREATSPK/	71	>EGFR-E746I KILREATSPKA	37438	37367
>EGFR-E746I KELREATSPK/	319	>EGFR-E746I KILREATSPKA	36945	36626
>EGFR-E746I KELREATSPK	1380	>EGFR-E746I KILREATSPK	251	1129
>EGFR-E746I IKELREATSPK	5338	>EGFR-E746I IKILREATSPK	330	5008
>EGFR-E746I AIKELREA	369	>EGFR-E746I AIKILREA	997	628
>EGFR-E746I AIKELREA	496	>EGFR-E746I AIKILREA	302	194
>EGFR-E746I PVAIKELR	386	>EGFR-E746I PVAIKILR	319	67
>EGFR-E746I IPVAIKEL	25	>EGFR-E746I IPVAIKIL	81	56
>EGFR-E746I IPVAIKELR	150	>EGFR-E746I IPVAIKILR	170	20

>EGFR-E746I IPVAIKEL	151	>EGFR-E746I IPVAIKIL	128	23
>EGFR-E746I IPVAIKEL	406	>EGFR-E746I IPVAIKIL	653	247
>EGFR-E746I IPVAIKEL	340	>EGFR-E746I IPVAIKIL	250	90
>EGFR-E746I IPVAIKELR	2526	>EGFR-E746I IPVAIKILR	354	2172
>EGFR-E746I IPVAIKELREA	30	>EGFR-E746I IPVAIKILREA	11	19
>EGFR-E746I IPVAIKEL	248	>EGFR-E746I IPVAIKIL	774	526
>EGFR-E746I IPVAIKEL	498	>EGFR-E746I IPVAIKIL	869	371
>EGFR-E746I IPVAIKELR	547	>EGFR-E746I IPVAIKILR	124	423
>EGFR-E746I KIPVAIKELR	1982	>EGFR-E746I KIPVAIKILR	494	1488
>EGFR-E746I KIPVAIKELR	78	>EGFR-E746I KIPVAIKILR	34	44
>EGFR-E746I KIPVAIKE	18296	>EGFR-E746I KIPVAIKI	313	17983
>EGFR-E746I KIPVAIKELR	68	>EGFR-E746I KIPVAIKILR	69	1
>EGFR-E746I KIPVAIKEL	331	>EGFR-E746I KIPVAIKIL	42	289
>EGFR-E746I KIPVAIKELR	777	>EGFR-E746I KIPVAIKILR	344	433
>EGFR-E746I KIPVAIKELR	66	>EGFR-E746I KIPVAIKILR	35	31
>EGFR-E746I VKIPVAIKE	10095	>EGFR-E746I VKIPVAIKI	484	9611
>EGFR-E746I VKIPVAIKEL	87	>EGFR-E746I VKIPVAIKIL	72	15
>EGFR-E746I KVKIPVAIKE	878	>EGFR-E746I KVKIPVAIKI	11	867
>EGFR-E746I KVKIPVAIKEL	29	>EGFR-E746I KVKIPVAIKIL	26	3
>EGFR-E746I KVKIPVAIKEL	148	>EGFR-E746I KVKIPVAIKIL	578	430
>EGFR-E746I ELREATSPKA	1973	>EGFR-E746I KLREATSPKA	147	1826
>EGFR-E746I ELREATSPKA	7141	>EGFR-E746I KLREATSPKA	417	6724
>EGFR-E746I ELREATSPKA	2026	>EGFR-E746I KLREATSPKA	114	1912
>EGFR-E746I ELREATSPKA	122	>EGFR-E746I KLREATSPKA	20	102
>EGFR-E746I ELREATSPK	226	>EGFR-E746I KLREATSPK	31	195
>EGFR-E746I ELREATSP	15589	>EGFR-E746I KLREATSP	408	15181
>EGFR-E746I ELREATSPK	86	>EGFR-E746I KLREATSPK	3	83
>EGFR-E746I ELREATSPKA	2381	>EGFR-E746I KLREATSPKA	5	2376
>EGFR-E746I ELREATSPKAI	14232	>EGFR-E746I KLREATSPKAI	189	14043
>EGFR-E746I ELREATSPK	10697	>EGFR-E746I KLREATSPK	149	10548
>EGFR-E746I ELREATSPK	139	>EGFR-E746I KLREATSPK	10753	10614
>EGFR-E746I KELREATSPK	1031	>EGFR-E746I KKLREATSPK	202	829
>EGFR-E746I KELREATSP	7522	>EGFR-E746I KKLREATSP	230	7292
>EGFR-E746I KELREATSPK	1812	>EGFR-E746I KKLREATSPK	56	1756
>EGFR-E746I KELREATSPK/	7373	>EGFR-E746I KKLREATSPK/	197	7176
>EGFR-E746I KELREATSPK/	449	>EGFR-E746I KKLREATSPK/	30603	30154
>EGFR-E746I KELREATSPK/	71	>EGFR-E746I KKLREATSPK/	23240	23169
>EGFR-E746I KELREATSPK/	319	>EGFR-E746I KKLREATSPK/	27848	27529
>EGFR-E746I EKVKIPVAIKE	21121	>EGFR-E746I EKVKIPVAIKK	478	20643
>EGFR-E746I IKELREATSPK	11096	>EGFR-E746I IKKLREATSPK	333	10763
>EGFR-E746I IKELREATSPK	5338	>EGFR-E746I IKKLREATSPK	461	4877
>EGFR-E746I AIKELREA	369	>EGFR-E746I AIKKLREA	1188	819
>EGFR-E746I AIKELREA	496	>EGFR-E746I AIKKLREA	198	298

>EGFR-E746†PVAIKELR	386	>EGFR-E746†PVAIKKLR	1121	735
>EGFR-E746†IPVAIKEL	25	>EGFR-E746†IPVAIKKL	70	45
>EGFR-E746†IPVAIKELR	150	>EGFR-E746†IPVAIKKLR	876	726
>EGFR-E746†IPVAIKEL	151	>EGFR-E746†IPVAIKKL	328	177
>EGFR-E746†IPVAIKEL	406	>EGFR-E746†IPVAIKKL	1898	1492
>EGFR-E746†IPVAIKEL	340	>EGFR-E746†IPVAIKKL	547	207
>EGFR-E746†IPVAIKELREA	30	>EGFR-E746†IPVAIKKLR	16	14
>EGFR-E746†IPVAIKEL	248	>EGFR-E746†IPVAIKKL	1176	928
>EGFR-E746†IPVAIKEL	498	>EGFR-E746†IPVAIKKL	1076	578
>EGFR-E746†IPVAIKELR	547	>EGFR-E746†IPVAIKKLR	353	194
>EGFR-E746†KIPVAIKE	19970	>EGFR-E746†KIPVAIKK	191	19779
>EGFR-E746†KIPVAIKE	28300	>EGFR-E746†KIPVAIKK	290	28010
>EGFR-E746†KIPVAIKE	14977	>EGFR-E746†KIPVAIKK	236	14741
>EGFR-E746†KIPVAIKELR	78	>EGFR-E746†KIPVAIKKLR	70	8
>EGFR-E746†KIPVAIKELR	68	>EGFR-E746†KIPVAIKKLR	434	366
>EGFR-E746†KIPVAIKEL	331	>EGFR-E746†KIPVAIKKL	122	209
>EGFR-E746†KIPVAIKELR	66	>EGFR-E746†KIPVAIKKLR	53	13
>EGFR-E746†VKIPVAIKEL	87	>EGFR-E746†VKIPVAIKKL	187	100
>EGFR-E746†KVKIPVAIKE	21053	>EGFR-E746†KVKIPVAIKK	100	20953
>EGFR-E746†KVKIPVAIKE	32257	>EGFR-E746†KVKIPVAIKK	65	32192
>EGFR-E746†KVKIPVAIKE	878	>EGFR-E746†KVKIPVAIKK	4	874
>EGFR-E746†KVKIPVAIKEL	29	>EGFR-E746†KVKIPVAIKKL	39	10
>EGFR-E746†KVKIPVAIKE	8979	>EGFR-E746†KVKIPVAIKK	167	8812
>EGFR-E746†KVKIPVAIKEL	148	>EGFR-E746†KVKIPVAIKKL	145	3
>EGFR-E746\ELREATSPKA	1973	>EGFR-E746\VLREATSPKA	119	1854
>EGFR-E746\ELREATSPKA	2026	>EGFR-E746\VLREATSPKA	123	1903
>EGFR-E746\ELREATSPKA	122	>EGFR-E746\VLREATSPKA	9	113
>EGFR-E746\ELREATSPK	226	>EGFR-E746\VLREATSPK	39	187
>EGFR-E746\ELREATSPK	86	>EGFR-E746\VLREATSPK	8	78
>EGFR-E746\ELREATSPKA	2381	>EGFR-E746\VLREATSPKA	80	2301
>EGFR-E746\ELREATSPK	139	>EGFR-E746\VLREATSPK	5827	5688
>EGFR-E746\KELREATSPK/	6806	>EGFR-E746\KVLREATSPK/	324	6482
>EGFR-E746\KELREATSPK	3803	>EGFR-E746\KVLREATSPK	24	3779
>EGFR-E746\KELREATSPK	18799	>EGFR-E746\KVLREATSPK	82	18717
>EGFR-E746\KELREATSPK	1031	>EGFR-E746\KVLREATSPK	7	1024
>EGFR-E746\KELREATSPK/	7407	>EGFR-E746\KVLREATSPK/	58	7349
>EGFR-E746\KELREATSPK/	449	>EGFR-E746\KVLREATSPK/	38092	37643
>EGFR-E746\KELREATSPK/	71	>EGFR-E746\KVLREATSPK/	35565	35494
>EGFR-E746\KELREATSPK/	319	>EGFR-E746\KVLREATSPK/	35863	35544
>EGFR-E746\IKELREATSPK	5338	>EGFR-E746\IKVLREATSPK	475	4863
>EGFR-E746\AIKELREA	369	>EGFR-E746\AIKVLREA	1252	883
>EGFR-E746\AIKELREA	496	>EGFR-E746\AIKVLREA	230	266
>EGFR-E746\PVAIKELR	386	>EGFR-E746\PVAIKVLR	316	70

>EGFR-E746\IPVAIKEL	25	>EGFR-E746\IPVAIKVL	54	29
>EGFR-E746\IPVAIKELR	150	>EGFR-E746\IPVAIKVLR	125	25
>EGFR-E746\IPVAIKEL	151	>EGFR-E746\IPVAIKVL	70	81
>EGFR-E746\IPVAIKEL	406	>EGFR-E746\IPVAIKVL	399	7
>EGFR-E746\IPVAIKEL	340	>EGFR-E746\IPVAIKVL	293	47
>EGFR-E746\IPVAIKELR	2526	>EGFR-E746\IPVAIKVLR	232	2294
>EGFR-E746\IPVAIKELREA	30	>EGFR-E746\IPVAIKVLR	11	19
>EGFR-E746\IPVAIKEL	248	>EGFR-E746\IPVAIKVL	245	3
>EGFR-E746\IPVAIKEL	498	>EGFR-E746\IPVAIKVL	531	33
>EGFR-E746\IPVAIKELR	547	>EGFR-E746\IPVAIKVLR	109	438
>EGFR-E746\KIPVAIKE	25444	>EGFR-E746\KIPVAIKV	376	25068
>EGFR-E746\KIPVAIKE	25530	>EGFR-E746\KIPVAIKV	128	25402
>EGFR-E746\KIPVAIKE	28653	>EGFR-E746\KIPVAIKV	132	28521
>EGFR-E746\KIPVAIKE	24665	>EGFR-E746\KIPVAIKV	105	24560
>EGFR-E746\KIPVAIKE	33684	>EGFR-E746\KIPVAIKV	64	33620
>EGFR-E746\KIPVAIKELR	78	>EGFR-E746\KIPVAIKVLR	31	47
>EGFR-E746\KIPVAIKELR	68	>EGFR-E746\KIPVAIKVLR	64	4
>EGFR-E746\KIPVAIKEL	331	>EGFR-E746\KIPVAIKVL	82	249
>EGFR-E746\KIPVAIKELR	777	>EGFR-E746\KIPVAIKVLR	440	337
>EGFR-E746\KIPVAIKELR	66	>EGFR-E746\KIPVAIKVLR	32	34
>EGFR-E746\VKIPVAIKEL	87	>EGFR-E746\VKIPVAIKVL	67	20
>EGFR-E746\KVKIPVAIKE	35110	>EGFR-E746\KVKIPVAIKV	402	34708
>EGFR-E746\KVKIPVAIKE	878	>EGFR-E746\KVKIPVAIKV	15	863
>EGFR-E746\KVKIPVAIKEL	29	>EGFR-E746\KVKIPVAIKVL	30	1
>EGFR-E746\KVKIPVAIKEL	148	>EGFR-E746\KVKIPVAIKVL	267	119
>EGFR-E758[EILDEAYV	471	>EGFR-E758[DILDEAYV	1759	1288
>EGFR-E758[EILDEAYV	100	>EGFR-E758[DILDEAYV	584	484
>EGFR-E758[EILDEAYV	11	>EGFR-E758[DILDEAYV	34	23
>EGFR-E758[EILDEAYV	83	>EGFR-E758[DILDEAYV	305	222
>EGFR-E758[EILDEAYV	24	>EGFR-E758[DILDEAYV	47	23
>EGFR-E758[EILDEAYV	5	>EGFR-E758[DILDEAYV	10	5
>EGFR-E758[EILDEAYVM	362	>EGFR-E758[DILDEAYVM	1204	842
>EGFR-E758[EILDEAYV	11	>EGFR-E758[DILDEAYV	34	23
>EGFR-E758[EILDEAYVM	39	>EGFR-E758[DILDEAYVM	297	258
>EGFR-E758[EILDEAYV	34	>EGFR-E758[DILDEAYV	262	228
>EGFR-E758[EILDEAYV	5	>EGFR-E758[DILDEAYV	11	6
>EGFR-E758[EILDEAYVM	33	>EGFR-E758[DILDEAYVM	204	171
>EGFR-E758[EILDEAYVMA	16	>EGFR-E758[DILDEAYVMA	67	51
>EGFR-E758[KEILDEAY	256	>EGFR-E758[KDILDEAY	10000	9744
>EGFR-E758[KEILDEAYV	310	>EGFR-E758[KDILDEAYV	20622	20312
>EGFR-E758[KEILDEAYVM	163	>EGFR-E758[KDILDEAYVM	16309	16146
>EGFR-E758[KEILDEAYVM	289	>EGFR-E758[KDILDEAYVM	3639	3350
>EGFR-E758[KEILDEAY	363	>EGFR-E758[KDILDEAY	7683	7320

>EGFR-E758[ KEILDEAY	273	>EGFR-E758[ KDILDEAY	12222	11949
>EGFR-E758[ KEILDEAYVM	50	>EGFR-E758[ KDILDEAYVM	10350	10300
>EGFR-E758[ KEILDEAYV	32	>EGFR-E758[ KDILDEAYV	3453	3421
>EGFR-E758[ KEILDEAYVM	15	>EGFR-E758[ KDILDEAYVM	1136	1121
>EGFR-E758[ KEILDEAYVM	468	>EGFR-E758[ KDILDEAYVM	11888	11420
>EGFR-E758[ KEILDEAYV	7414	>EGFR-E758[ KDILDEAYV	118	7296
>EGFR-E758[ KEILDEAYVM	9170	>EGFR-E758[ KDILDEAYVM	294	8876
>EGFR-E758[ NKEILDEAYVI	676	>EGFR-E758[ NKDILDEAYV	372	304
>EGFR-E758[ KANKEILDEA'	126	>EGFR-E758[ KANKDILDEA	87	39
>EGFR-E758[ KANKEILDEA'	385	>EGFR-E758[ KANKDILDEA	525	140
>EGFR-E758[ KANKEILDEA'	255	>EGFR-E758[ KANKDILDEA	233	22
>EGFR-E758[ KANKEILDEA'	293	>EGFR-E758[ KANKDILDEA	315	22
>EGFR-E758[ KANKEILDEA'	140	>EGFR-E758[ KANKDILDEA	275	135
>EGFR-E758[ KANKEILDEA'	200	>EGFR-E758[ KANKDILDEA	164	36
>EGFR-E758[ KANKEILDEA'	86	>EGFR-E758[ KANKDILDEA	101	15
>EGFR-E758[ KANKEILDEA'	473	>EGFR-E758[ KANKDILDEA	676	203
>EGFR-E758[ SPKANKEI	133	>EGFR-E758[ SPKANKDI	57	76
>EGFR-E758[ SPKANKEIL	187	>EGFR-E758[ SPKANKDIL	131	56
>EGFR-E758[ SPKANKEIL	193	>EGFR-E758[ SPKANKDIL	157	36
>EGFR-E758[ TSPKANKEI	54	>EGFR-E758[ TSPKANKDI	85	31
>EGFR-E758[ TSPKANKEIL	9	>EGFR-E758[ TSPKANKDIL	10	1
>EGFR-E758[ TSPKANKEI	159	>EGFR-E758[ TSPKANKDI	322	163
>EGFR-E758[ ATSPKANKEI	35	>EGFR-E758[ ATSPKANKDI	99	64
>EGFR-E758[ ATSPKANKEII	55	>EGFR-E758[ ATSPKANKDI	90	35
>EGFR-E758[ ATSPKANKEII	468	>EGFR-E758[ ATSPKANKDI	490	22
>EGFR-E758[ ATSPKANKEI	347	>EGFR-E758[ ATSPKANKDI	630	283
>EGFR-E758[ ATSPKANKEII	295	>EGFR-E758[ ATSPKANKDI	390	95
>EGFR-E758[ EATSPKANKE	158	>EGFR-E758[ EATSPKANKE	1201	1043
>EGFR-E758( EILDEAYV	659	>EGFR-E758( GILDEAYV	23	636
>EGFR-E758( EILDEAYV	471	>EGFR-E758( GILDEAYV	41	430
>EGFR-E758( EILDEAYV	2587	>EGFR-E758( GILDEAYV	105	2482
>EGFR-E758( EILDEAYV	100	>EGFR-E758( GILDEAYV	15	85
>EGFR-E758( EILDEAYVMA	1091	>EGFR-E758( GILDEAYVMA	494	597
>EGFR-E758( EILDEAYV	11	>EGFR-E758( GILDEAYV	4	7
>EGFR-E758( EILDEAYVM	3049	>EGFR-E758( GILDEAYVM	497	2552
>EGFR-E758( EILDEAYVMA	994	>EGFR-E758( GILDEAYVMA	115	879
>EGFR-E758( EILDEAYV	83	>EGFR-E758( GILDEAYV	5	78
>EGFR-E758( EILDEAYVM	5039	>EGFR-E758( GILDEAYVM	174	4865
>EGFR-E758( EILDEAYV	24	>EGFR-E758( GILDEAYV	7	17
>EGFR-E758( EILDEAYVMA	2004	>EGFR-E758( GILDEAYVMA	146	1858
>EGFR-E758( EILDEAYV	5	>EGFR-E758( GILDEAYV	6	1
>EGFR-E758( EILDEAYVM	362	>EGFR-E758( GILDEAYVM	795	433
>EGFR-E758( EILDEAYV	11	>EGFR-E758( GILDEAYV	4	7

>EGFR-E758C EILDEAYVMA	2189	>EGFR-E758C GILDEAYVMA	211	1978
>EGFR-E758C EILDEAYVM	39	>EGFR-E758C GILDEAYVM	8610	8571
>EGFR-E758C EILDEAYV	34	>EGFR-E758C GILDEAYV	7099	7065
>EGFR-E758C EILDEAYV	5	>EGFR-E758C GILDEAYV	554	549
>EGFR-E758C EILDEAYVM	33	>EGFR-E758C GILDEAYVM	8252	8219
>EGFR-E758C EILDEAYVMA	16	>EGFR-E758C GILDEAYVMA	3858	3842
>EGFR-E758C KEILDEAY	1429	>EGFR-E758C KGILDEAY	222	1207
>EGFR-E758C KEILDEAY	256	>EGFR-E758C KGILDEAY	18037	17781
>EGFR-E758C KEILDEAYV	310	>EGFR-E758C KGILDEAYV	22444	22134
>EGFR-E758C KEILDEAYVM	163	>EGFR-E758C KGILDEAYVM	33232	33069
>EGFR-E758C KEILDEAYVM	289	>EGFR-E758C KGILDEAYVM	37642	37353
>EGFR-E758C KEILDEAY	363	>EGFR-E758C KGILDEAY	20680	20317
>EGFR-E758C KEILDEAY	273	>EGFR-E758C KGILDEAY	35367	35094
>EGFR-E758C KEILDEAYVM	50	>EGFR-E758C KGILDEAYVM	31664	31614
>EGFR-E758C KEILDEAYV	32	>EGFR-E758C KGILDEAYV	30879	30847
>EGFR-E758C KEILDEAYVM	15	>EGFR-E758C KGILDEAYVM	25605	25590
>EGFR-E758C KEILDEAYVM	468	>EGFR-E758C KGILDEAYVM	36781	36313
>EGFR-E758C KANKEILDEA'	126	>EGFR-E758C KANKGILDEA	70	56
>EGFR-E758C KANKEILDEA'	385	>EGFR-E758C KANKGILDEA	337	48
>EGFR-E758C KANKEILDEA'	255	>EGFR-E758C KANKGILDEA	148	107
>EGFR-E758C KANKEILDEA'	293	>EGFR-E758C KANKGILDEA	300	7
>EGFR-E758C KANKEILDEA'	140	>EGFR-E758C KANKGILDEA	79	61
>EGFR-E758C KANKEILDEA'	200	>EGFR-E758C KANKGILDEA	159	41
>EGFR-E758C KANKEILDEA'	86	>EGFR-E758C KANKGILDEA	66	20
>EGFR-E758C KANKEILDEA'	473	>EGFR-E758C KANKGILDEA	972	499
>EGFR-E758C SPKANKEI	133	>EGFR-E758C SPKANKGI	750	617
>EGFR-E758C SPKANKEIL	187	>EGFR-E758C SPKANKGIL	161	26
>EGFR-E758C SPKANKEIL	193	>EGFR-E758C SPKANKGIL	39	154
>EGFR-E758C TSPKANKEI	54	>EGFR-E758C TSPKANKGI	43	11
>EGFR-E758C TSPKANKEIL	9	>EGFR-E758C TSPKANKGIL	12	3
>EGFR-E758C TSPKANKEI	159	>EGFR-E758C TSPKANKGI	175	16
>EGFR-E758C ATSPKANKEI	35	>EGFR-E758C ATSPKANKGI	27	8
>EGFR-E758C ATSPKANKEII	55	>EGFR-E758C ATSPKANKGI	43	12
>EGFR-E758C ATSPKANKEII	468	>EGFR-E758C ATSPKANKGI	662	194
>EGFR-E758C ATSPKANKEI	347	>EGFR-E758C ATSPKANKGI	393	46
>EGFR-E758C ATSPKANKEII	295	>EGFR-E758C ATSPKANKGI	231	64
>EGFR-E758C ATSPKANKEII	716	>EGFR-E758C ATSPKANKGI	495	221
>EGFR-E758C EATSPKANKE	158	>EGFR-E758C EATSPKANKC	160	2
>EGFR-E758C EATSPKANKE	549	>EGFR-E758C EATSPKANKC	264	285
>EGFR-E804C REHKDNIGSC	2095	>EGFR-E804C RGHKDNIGSC	332	1763
>EGFR-E804C REHKDNIGSC	364	>EGFR-E804C RGHKDNIGSC	458	94
>EGFR-E804C REHKDNIGSC	104	>EGFR-E804C RGHKDNIGSC	731	627
>EGFR-E804C REHKDNIGSC	8095	>EGFR-E804C RGHKDNIGSC	315	7780



>EGFR-E804C REHKDNIGSC	360	>EGFR-E804C RGHKDNIGSC	37223	36863
>EGFR-E804C REHKDNIGS	394	>EGFR-E804C RGHKDNIGS	39017	38623
>EGFR-E804C REHKDNIGSC	362	>EGFR-E804C RGHKDNIGSC	83	279
>EGFR-E804C LDYVREHKDM	101	>EGFR-E804C LDYVRGHKDI	121	20
>EGFR-E804C LDYVREHKDM	286	>EGFR-E804C LDYVRGHKDI	299	13
>EGFR-E804C LDYVREHKDM	387	>EGFR-E804C LDYVRGHKDI	1369	982
>EGFR-E804C LDYVREHKDM	62	>EGFR-E804C LDYVRGHKDI	94	32
>EGFR-E804C LLDYVREHK	1369	>EGFR-E804C LLDYVRGHK	168	1201
>EGFR-E804C CLLDYVREHK	74	>EGFR-E804C CLLDYVRGHK	49	25
>EGFR-E804C CLLDYVREHK	144	>EGFR-E804C CLLDYVRGHK	313	169
>EGFR-E829K EDRRLVHR	10191	>EGFR-E829K KDRRLVHR	162	10029
>EGFR-E829K EDRRLVHR	3164	>EGFR-E829K KDRRLVHR	293	2871
>EGFR-E829K LEDRRLVHRC	355	>EGFR-E829K LKDRRLVHRC	12614	12259
>EGFR-E829K LEDRRLVHRC	275	>EGFR-E829K LKDRRLVHRC	20572	20297
>EGFR-E829K VQIAKGMNY	20917	>EGFR-E829K VQIAKGMNY	19	20898
>EGFR-E829K YLEDRRLV	188	>EGFR-E829K YLKDRRLV	234	46
>EGFR-E829K YLEDRRLV	44	>EGFR-E829K YLKDRRLV	50	6
>EGFR-E829K YLEDRRLV	32	>EGFR-E829K YLKDRRLV	4	28
>EGFR-E829K YLEDRRLV	198	>EGFR-E829K YLKDRRLV	411	213
>EGFR-E829K YLEDRRLV	17	>EGFR-E829K YLKDRRLV	31	14
>EGFR-E829K YLEDRRLV	47	>EGFR-E829K YLKDRRLV	104	57
>EGFR-E829K YLEDRRLV	62	>EGFR-E829K YLKDRRLV	136	74
>EGFR-E829K YLEDRRLV	2	>EGFR-E829K YLKDRRLV	2	0
>EGFR-E829K YLEDRRLVHR	418	>EGFR-E829K YLKDRRLVHR	559	141
>EGFR-E829K YLEDRRLVHR	253	>EGFR-E829K YLKDRRLVHR	315	62
>EGFR-E829K YLEDRRLVHR	229	>EGFR-E829K YLKDRRLVHR	27	202
>EGFR-E829K YLEDRRLVHR	420	>EGFR-E829K YLKDRRLVHR	141	279
>EGFR-E829K YLEDRRLV	3760	>EGFR-E829K YLKDRRLV	187	3573
>EGFR-E829K YLEDRRLVHR	93	>EGFR-E829K YLKDRRLVHR	106	13
>EGFR-E829K YLEDRRLVHR	162	>EGFR-E829K YLKDRRLVHR	119	43
>EGFR-E829K NYLEDRRL	1050	>EGFR-E829K NYLKDRRL	309	741
>EGFR-E829K NYLEDRRL	81	>EGFR-E829K NYLKDRRL	68	13
>EGFR-E829K NYLEDRRLVH	159	>EGFR-E829K NYLKDRRLVH	108	51
>EGFR-E829K NYLEDRRLVH	17	>EGFR-E829K NYLKDRRLVH	26	9
>EGFR-E829K NYLEDRRLVH	26	>EGFR-E829K NYLKDRRLVH	19	7
>EGFR-E829K MNYLEDRRL	536	>EGFR-E829K MNYLKDRRL	79	457
>EGFR-E829K MNYLEDRR	145	>EGFR-E829K MNYLKDRR	190	45
>EGFR-E829K MNYLEDRR	474	>EGFR-E829K MNYLKDRR	417	57
>EGFR-E829K GMNYLEDRR	308	>EGFR-E829K GMNYLKDRR	733	425
>EGFR-E829K GMNYLEDRR	54	>EGFR-E829K GMNYLKDRR	102	48
>EGFR-E829K GMNYLEDRR	42	>EGFR-E829K GMNYLKDRR	56	14
>EGFR-E829K GMNYLEDRR	61	>EGFR-E829K GMNYLKDRR	97	36
>EGFR-E829K GMNYLEDRR	95	>EGFR-E829K GMNYLKDRR	206	111

>EGFR-E829†GMNYLEDRR	75	>EGFR-E829†GMNYLKDRR	128	53
>EGFR-E829†GMNYLEDRR	39	>EGFR-E829†GMNYLKDRR	45	6
>EGFR-E829†GMNYLED	92	>EGFR-E829†GMNYLKDR	59	33
>EGFR-E829†GMNYLEDRR	155	>EGFR-E829†GMNYLKDRR	24	131
>EGFR-E829†KGMNYLED	159	>EGFR-E829†KGMNYLKDR	249	90
>EGFR-E829†KGMNYLED	481	>EGFR-E829†KGMNYLKDR	187	294
>EGFR-E829†KGMNYLED	425	>EGFR-E829†KGMNYLKDR	196	229
>EGFR-E829†KGMNYLED	306	>EGFR-E829†KGMNYLKDR	179	127
>EGFR-E829†IAKGMNYLE	23212	>EGFR-E829†IAKGMNYLK	71	23141
>EGFR-E829†IAKGMNYLE	9729	>EGFR-E829†IAKGMNYLK	18	9711
>EGFR-E829†IAKGMNYLE	10387	>EGFR-E829†IAKGMNYLK	78	10309
>EGFR-E829†IAKGMNYLE†	143	>EGFR-E829†IAKGMNYLKE	190	47
>EGFR-E829†IAKGMNYLE†	310	>EGFR-E829†IAKGMNYLKE	449	139
>EGFR-E829†IAKGMNYLE	11367	>EGFR-E829†IAKGMNYLK	79	11288
>EGFR-E829†IAKGMNYLE†	174	>EGFR-E829†IAKGMNYLKE	541	367
>EGFR-E829†QIAKGMNYLI	18014	>EGFR-E829†QIAKGMNYLI	67	17947
>EGFR-E829†QIAKGMNYLI	30626	>EGFR-E829†QIAKGMNYLI	37	30589
>EGFR-E829†QIAKGMNYLI	13153	>EGFR-E829†QIAKGMNYLI	11	13142
>EGFR-E829†LEDRLVHRC	355	>EGFR-E829†LQDRRLVHRI	7928	7573
>EGFR-E829†LEDRLVHR	3711	>EGFR-E829†LQDRRLVHR	77	3634
>EGFR-E829†LEDRLVHRC	275	>EGFR-E829†LQDRRLVHRI	9234	8959
>EGFR-E829†YLEDRLV	188	>EGFR-E829†YLQDRRLV	30	158
>EGFR-E829†YLEDRLV	44	>EGFR-E829†YLQDRRLV	28	16
>EGFR-E829†YLEDRLV	32	>EGFR-E829†YLQDRRLV	8	24
>EGFR-E829†YLEDRLV	198	>EGFR-E829†YLQDRRLV	109	89
>EGFR-E829†YLEDRLV	17	>EGFR-E829†YLQDRRLV	5	12
>EGFR-E829†YLEDRLV	47	>EGFR-E829†YLQDRRLV	11	36
>EGFR-E829†YLEDRLV	62	>EGFR-E829†YLQDRRLV	20	42
>EGFR-E829†YLEDRLV	670	>EGFR-E829†YLQDRRLV	38	632
>EGFR-E829†YLEDRLV	2	>EGFR-E829†YLQDRRLV	2	0
>EGFR-E829†YLEDRLVHR	418	>EGFR-E829†YLQDRRLVHF	175	243
>EGFR-E829†YLEDRLVHR	253	>EGFR-E829†YLQDRRLVHF	115	138
>EGFR-E829†YLEDRLVHR	229	>EGFR-E829†YLQDRRLVHF	34	195
>EGFR-E829†YLEDRLVHR	420	>EGFR-E829†YLQDRRLVHF	124	296
>EGFR-E829†YLEDRLVHR	93	>EGFR-E829†YLQDRRLVHF	74	19
>EGFR-E829†YLEDRLVHR	162	>EGFR-E829†YLQDRRLVHF	170	8
>EGFR-E829†NYLEDRL	1050	>EGFR-E829†NYLQDRRL	401	649
>EGFR-E829†NYLEDRL	81	>EGFR-E829†NYLQDRRL	51	30
>EGFR-E829†NYLEDRLVH	159	>EGFR-E829†NYLQDRRLV†	251	92
>EGFR-E829†NYLEDRLVH	17	>EGFR-E829†NYLQDRRLV†	26	9
>EGFR-E829†NYLEDRLVH	26	>EGFR-E829†NYLQDRRLV†	18	8
>EGFR-E829†MNYLEDRL	536	>EGFR-E829†MNYLQDRRL	242	294
>EGFR-E829†MNYLEDRR	145	>EGFR-E829†MNYLQDRR	145	0

>EGFR-E829C MNYLED RR	474	>EGFR-E829C MNYLQDRR	384	90
>EGFR-E829C GMNYLED RR	308	>EGFR-E829C GMNYLQDRF	485	177
>EGFR-E829C GMNYLED RR	54	>EGFR-E829C GMNYLQDRF	49	5
>EGFR-E829C GMNYLED RR	42	>EGFR-E829C GMNYLQDRF	31	11
>EGFR-E829C GMNYLED RR	61	>EGFR-E829C GMNYLQDRF	65	4
>EGFR-E829C GMNYLED RR	95	>EGFR-E829C GMNYLQDRF	109	14
>EGFR-E829C GMNYLED RR	75	>EGFR-E829C GMNYLQDRF	91	16
>EGFR-E829C GMNYLED RR	39	>EGFR-E829C GMNYLQDRF	33	6
>EGFR-E829C GMNYLED R	92	>EGFR-E829C GMNYLQDR	48	44
>EGFR-E829C GMNYLED RR	155	>EGFR-E829C GMNYLQDRF	48	107
>EGFR-E829C KGMNYLED R	159	>EGFR-E829C KGMNYLQDF	115	44
>EGFR-E829C KGMNYLED R	481	>EGFR-E829C KGMNYLQDF	286	195
>EGFR-E829C KGMNYLED R	425	>EGFR-E829C KGMNYLQDF	321	104
>EGFR-E829C KGMNYLED R	306	>EGFR-E829C KGMNYLQDF	243	63
>EGFR-E829C IAKGMNYLE C	143	>EGFR-E829C IAKGMNYLQI	104	39
>EGFR-E829C IAKGMNYLE C	310	>EGFR-E829C IAKGMNYLQI	269	41
>EGFR-E829C IAKGMNYLE C	174	>EGFR-E829C IAKGMNYLQI	355	181
>EGFR-E866C EEKEYHAE	180	>EGFR-E866C EGKEYHAE	37145	36965
>EGFR-E866C EEKEYHAEG	142	>EGFR-E866C EGKEYHAEG	37023	36881
>EGFR-E866C AEEKEYHAEG	412	>EGFR-E866C AEGKEYHAEC	2892	2480
>EGFR-E866C AEEKEYHA	15	>EGFR-E866C AEGKEYHA	11	4
>EGFR-E866C AEEKEYHAE	159	>EGFR-E866C AEGKEYHAE	95	64
>EGFR-E866C AEEKEYHAEG	75	>EGFR-E866C AEGKEYHAEC	358	283
>EGFR-E866C AEEKEYHAEG	580	>EGFR-E866C AEGKEYHAEC	345	235
>EGFR-E866C LGAEEKEY	425	>EGFR-E866C LGAEGKEY	419	6
>EGFR-E866C LLGAEKEYH,	248	>EGFR-E866C LLGAEGKEYH	249	1
>EGFR-E866C LLGAEKEYH,	181	>EGFR-E866C LLGAEGKEYH	155	26
>EGFR-E866C LLGAEKEYH,	186	>EGFR-E866C LLGAEGKEYH	201	15
>EGFR-E866C LLGAEKEYH,	194	>EGFR-E866C LLGAEGKEYH	226	32
>EGFR-E866C LLGAEKEYH,	24	>EGFR-E866C LLGAEGKEYH	25	1
>EGFR-E866C LLGAEKEY	778	>EGFR-E866C LLGAEGKEY	277	501
>EGFR-E866C LLGAEKEY	615	>EGFR-E866C LLGAEGKEY	111	504
>EGFR-E866C LLGAEKEY	2223	>EGFR-E866C LLGAEGKEY	237	1986
>EGFR-E866C KLLGAE EK	169	>EGFR-E866C KLLGAEGK	108	61
>EGFR-E866C KLLGAE EK	2182	>EGFR-E866C KLLGAEGKEY	430	1752
>EGFR-E866C KLLGAE EK	322	>EGFR-E866C KLLGAEGK	508	186
>EGFR-E866C KLLGAE EK	768	>EGFR-E866C KLLGAEGKEY	431	337
>EGFR-E866C KLLGAE EK	833	>EGFR-E866C KLLGAEGKEY	373	460
>EGFR-E866C KLLGAE EK	1038	>EGFR-E866C KLLGAEGKEY	286	752
>EGFR-E866C KLLGAE EK	552	>EGFR-E866C KLLGAEGKEY	414	138
>EGFR-E866C KLLGAE EK	551	>EGFR-E866C KLLGAEGKEY	271	280
>EGFR-E866C AKLLGAE EKE'	23	>EGFR-E866C AKLLGAEGKE	18	5
>EGFR-E866C LAKLLGAE EK	377	>EGFR-E866C LAKLLGAEGK	568	191

>EGFR-E866C GLAKLLGAEE	347	>EGFR-E866C GLAKLLGAEG	276	71
>EGFR-E866K EEKEYHAE	180	>EGFR-E866K EKKEYHAE	25728	25548
>EGFR-E866K EEKEYHAEG	142	>EGFR-E866K EKKEYHAEG	26398	26256
>EGFR-E866K AEEKEYHAEG	412	>EGFR-E866K AEKKEYHAEG	770	358
>EGFR-E866K AEEKEYHA	15	>EGFR-E866K AEKKEYHA	12	3
>EGFR-E866K AEEKEYHAE	159	>EGFR-E866K AEKKEYHAE	132	27
>EGFR-E866K AEEKEYHAEG	75	>EGFR-E866K AEKKEYHAEG	294	219
>EGFR-E866K LGAEKEY	425	>EGFR-E866K LGAEKKEY	1923	1498
>EGFR-E866K LLGAEKEYH.	248	>EGFR-E866K LLGAEKKEYH.	501	253
>EGFR-E866K LLGAEKEYH.	181	>EGFR-E866K LLGAEKKEYH.	323	142
>EGFR-E866K LLGAEKEYH.	186	>EGFR-E866K LLGAEKKEYH.	344	158
>EGFR-E866K LLGAEKEYH.	194	>EGFR-E866K LLGAEKKEYH.	370	176
>EGFR-E866K LLGAEKEYH.	24	>EGFR-E866K LLGAEKKEYH.	33	9
>EGFR-E866K LLGAEKEY	615	>EGFR-E866K LLGAEKKEY	397	218
>EGFR-E866K KLLGAEK	169	>EGFR-E866K KLLGAEK	99	70
>EGFR-E866K KLLGAEK	322	>EGFR-E866K KLLGAEK	439	117
>EGFR-E866K KLLGAEKEY	551	>EGFR-E866K KLLGAEKKEY	468	83
>EGFR-E866K AKLLGAEKE'	23	>EGFR-E866K AKLLGAEKKE'	28	5
>EGFR-E866K LAKLLGAE	12219	>EGFR-E866K LAKLLGAEK	45	12174
>EGFR-E866K LAKLLGAEK	377	>EGFR-E866K LAKLLGAEK	510	133
>EGFR-E866K GLAKLLGAEE	23575	>EGFR-E866K GLAKLLGAEK	168	23407
>EGFR-E866K GLAKLLGAEE	347	>EGFR-E866K GLAKLLGAEK	198	149
>EGFR-E866K GLAKLLGAEE	35517	>EGFR-E866K GLAKLLGAEK	431	35086
>EGFR-E868I EYHAEGGKVI	173	>EGFR-E868I DYHAEGGKVI	151	22
>EGFR-E868I EYHAEGGKVI	270	>EGFR-E868I DYHAEGGKVI	1216	946
>EGFR-E868I KEYHAEGGK\	130	>EGFR-E868I KDYHAEGGK\	5004	4874
>EGFR-E868I KEYHAEGGK\	65	>EGFR-E868I KDYHAEGGK\	5344	5279
>EGFR-E868I KEYHAEGGK\	5575	>EGFR-E868I KDYHAEGGK\	98	5477
>EGFR-E868I EEKEYHAE	180	>EGFR-E868I EEKDYHAE	273	93
>EGFR-E868I EEKEYHAEG	142	>EGFR-E868I EEKDYHAEG	280	138
>EGFR-E868I AEEKEYHAEG	412	>EGFR-E868I AEEKDYHAEG	464	52
>EGFR-E868I AEEKEYHA	15	>EGFR-E868I AEEKDYHA	16	1
>EGFR-E868I AEEKEYHAE	159	>EGFR-E868I AEEKDYHAE	115	44
>EGFR-E868I AEEKEYHAEG	75	>EGFR-E868I AEEKDYHAEG	64	11
>EGFR-E868I AEEKEYHAEG	580	>EGFR-E868I AEEKDYHAEG	462	118
>EGFR-E868I LGAEKEY	425	>EGFR-E868I LGAEKDY	1413	988
>EGFR-E868I LLGAEKEYH.	248	>EGFR-E868I LLGAEKDYH.	312	64
>EGFR-E868I LLGAEKEYH.	181	>EGFR-E868I LLGAEKDYH.	330	149
>EGFR-E868I LLGAEKEYH.	186	>EGFR-E868I LLGAEKDYH.	175	11
>EGFR-E868I LLGAEKEYH.	194	>EGFR-E868I LLGAEKDYH.	238	44
>EGFR-E868I LLGAEKEYH.	24	>EGFR-E868I LLGAEKDYH.	39	15
>EGFR-E868I AKLLGAEKE'	23	>EGFR-E868I AKLLGAEKKE'	33	10
>EGFR-E868C EYHAEGGKVI	173	>EGFR-E868C GYHAEGGKVI	56	117

>EGFR-E868C EYHAEGGKVI	270	>EGFR-E868C GYHAEGGKV	73	197
>EGFR-E868C EYHAEGGK	5564	>EGFR-E868C GYHAEGGK	234	5330
>EGFR-E868C KEYHAEGGK\	130	>EGFR-E868C KGYHAEGGK'	23008	22878
>EGFR-E868C KEYHAEGGK	2986	>EGFR-E868C KGYHAEGGK	366	2620
>EGFR-E868C KEYHAEGGK\	65	>EGFR-E868C KGYHAEGGK'	32322	32257
>EGFR-E868C EEKEYHAE	180	>EGFR-E868C EEKGYHAE	109	71
>EGFR-E868C EEKEYHAEG	142	>EGFR-E868C EEKGYHAEG	108	34
>EGFR-E868C AEEKEYHAEG	412	>EGFR-E868C AEEKGYHAEC	737	325
>EGFR-E868C AEEKEYHA	15	>EGFR-E868C AEEKGYHA	11	4
>EGFR-E868C AEEKEYHAE	159	>EGFR-E868C AEEKGYHAE	53	106
>EGFR-E868C AEEKEYHAEG	75	>EGFR-E868C AEEKGYHAEC	54	21
>EGFR-E868C AEEKEYHAEG	580	>EGFR-E868C AEEKGYHAEC	280	300
>EGFR-E868C LGAEEKEY	425	>EGFR-E868C LGAEEKGY	1310	885
>EGFR-E868C LLGAEKEYH,	248	>EGFR-E868C LLGAEKEYH	252	4
>EGFR-E868C LLGAEKEYH,	181	>EGFR-E868C LLGAEKEYH	133	48
>EGFR-E868C LLGAEKEYH,	186	>EGFR-E868C LLGAEKEYH	143	43
>EGFR-E868C LLGAEKEYH,	194	>EGFR-E868C LLGAEKEYH	197	3
>EGFR-E868C LLGAEKEYH,	24	>EGFR-E868C LLGAEKEYH	26	2
>EGFR-E868C KLLGAEKEY	551	>EGFR-E868C KLLGAEKEY	363	188
>EGFR-E868C AKLLGAEKE'	23	>EGFR-E868C AKLLGAEKG	49	26
>EGFR-E872C AEGGKVPI	155	>EGFR-E872C AGGGKVPI	23862	23707
>EGFR-E872C AEGGKVPI	177	>EGFR-E872C AGGGKVPI	36209	36032
>EGFR-E872C AEGGKVPIK	76	>EGFR-E872C AGGGKVPIK	15847	15771
>EGFR-E872C AEGGKVPIK	137	>EGFR-E872C AGGGKVPIK	22781	22644
>EGFR-E872C AEGGKVPIK	222	>EGFR-E872C AGGGKVPIK	35815	35593
>EGFR-E872C AEGGKVPI	54	>EGFR-E872C AGGGKVPI	34049	33995
>EGFR-E872C AEGGKVPIK	278	>EGFR-E872C AGGGKVPIK	35690	35412
>EGFR-E872C AEGGKVPI	110	>EGFR-E872C AGGGKVPI	12583	12473
>EGFR-E872C AEGGKVPIK	277	>EGFR-E872C AGGGKVPIK	33857	33580
>EGFR-E872C HAEGGKVPIK	176	>EGFR-E872C HAGGGKVPIK	348	172
>EGFR-E872C HAEGGKVPIK	134	>EGFR-E872C HAGGGKVPIK	214	80
>EGFR-E872C HAEGGKVPIK	165	>EGFR-E872C HAGGGKVPIK	78	87
>EGFR-E872C HAEGGKVPIK	448	>EGFR-E872C HAGGGKVPIK	60	388
>EGFR-E872C HAEGGKVPIK	476	>EGFR-E872C HAGGGKVPIK	1358	882
>EGFR-E872C YHAEGGKVPI	486	>EGFR-E872C YHAGGGKVP	1188	702
>EGFR-E872C YHAEGGKV	657	>EGFR-E872C YHAGGGKV	370	287
>EGFR-E872C YHAEGGKVPI	306	>EGFR-E872C YHAGGGKVP	205	101
>EGFR-E872C YHAEGGKVPI	22	>EGFR-E872C YHAGGGKVP	22	0
>EGFR-E872C EYHAEGGKVI	173	>EGFR-E872C EYHAGGGKV	19	154
>EGFR-E872C EYHAEGGKVI	270	>EGFR-E872C EYHAGGGKV	292	22
>EGFR-E872C KEYHAEGG	4079	>EGFR-E872C KEYHAGGG	450	3629
>EGFR-E872C KEYHAEGGK\	130	>EGFR-E872C KEYHAGGGK'	155	25
>EGFR-E872C KEYHAEGGK\	65	>EGFR-E872C KEYHAGGGK'	81	16

>EGFR-E872C EEKEYHAE	180	>EGFR-E872C EEKEYHAG	87	93
>EGFR-E872C EEKEYHAEG	142	>EGFR-E872C EEKEYHAGG	245	103
>EGFR-E872C AEEKEYHAEG	412	>EGFR-E872C AEEKEYHAGC	1062	650
>EGFR-E872C AEEKEYHAE	159	>EGFR-E872C AEEKEYHAG	80	79
>EGFR-E872C AEEKEYHAEG	75	>EGFR-E872C AEEKEYHAGC	168	93
>EGFR-E884K ESILHRIY	466	>EGFR-E884K KSILHRIY	10538	10072
>EGFR-E884K ESILHRIY	7	>EGFR-E884K KSILHRIY	354	347
>EGFR-E884K ESILHRIYTH	127	>EGFR-E884K KSILHRIYTH	6836	6709
>EGFR-E884K ESILHRIYTHQ	420	>EGFR-E884K KSILHRIYTHQ	14617	14197
>EGFR-E884K ESILHRIY	331	>EGFR-E884K KSILHRIY	7737	7406
>EGFR-E884K ESILHRIYT	16638	>EGFR-E884K KSILHRIYT	383	16255
>EGFR-E884K ESILHRIY	2478	>EGFR-E884K KSILHRIY	187	2291
>EGFR-E884K ESILHRIYTH	4209	>EGFR-E884K KSILHRIYTH	182	4027
>EGFR-E884K ESILHRIY	1891	>EGFR-E884K KSILHRIY	143	1748
>EGFR-E884K ESILHRIY	77	>EGFR-E884K KSILHRIY	7	70
>EGFR-E884K ESILHRIYTH	6233	>EGFR-E884K KSILHRIYTH	163	6070
>EGFR-E884K ESILHRIY	12117	>EGFR-E884K KSILHRIY	376	11741
>EGFR-E884K ESILHRIY	14376	>EGFR-E884K KSILHRIY	110	14266
>EGFR-E884K ESILHRIY	1744	>EGFR-E884K KSILHRIY	408	1336
>EGFR-E884K LESILHRI	247	>EGFR-E884K LKSILHRI	22900	22653
>EGFR-E884K LESILHRIY	1552	>EGFR-E884K LKSILHRIY	27	1525
>EGFR-E884K LESILHRIY	12	>EGFR-E884K LKSILHRIY	4228	4216
>EGFR-E884K LESILHRIYTH	142	>EGFR-E884K LKSILHRIYTH	15691	15549
>EGFR-E884K LESILHRI	268	>EGFR-E884K LKSILHRI	22453	22185
>EGFR-E884K LESILHRIY	393	>EGFR-E884K LKSILHRIY	25541	25148
>EGFR-E884K LESILHRI	165	>EGFR-E884K LKSILHRI	8374	8209
>EGFR-E884K ALESILHRIY	375	>EGFR-E884K ALKSILHRIY	2108	1733
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>EGFR-E884K ALESILHRI	7	>EGFR-E884K ALKSILHRI	8	1
>EGFR-E884K ALESILHRIYT	264	>EGFR-E884K ALKSILHRIYT	317	53
>EGFR-E884K ALESILHRI	73	>EGFR-E884K ALKSILHRI	5	68
>EGFR-E884K ALESILHRIYT	2759	>EGFR-E884K ALKSILHRIYT	153	2606
>EGFR-E884K ALESILHRI	22	>EGFR-E884K ALKSILHRI	41	19
>EGFR-E884K ALESILHRI	49	>EGFR-E884K ALKSILHRI	115	66
>EGFR-E884K ALESILHRI	395	>EGFR-E884K ALKSILHRI	1019	624
>EGFR-E884K ALESILHRI	312	>EGFR-E884K ALKSILHRI	510	198
>EGFR-E884K ALESILHRI	4	>EGFR-E884K ALKSILHRI	4	0
>EGFR-E884K ALESILHRIYT	81	>EGFR-E884K ALKSILHRIYT	92	11
>EGFR-E884K ALESILHR	86	>EGFR-E884K ALKSILHR	14	72
>EGFR-E884K ALESILHRIY	304	>EGFR-E884K ALKSILHRIY	203	101
>EGFR-E884K ALESILHRIY	3125	>EGFR-E884K ALKSILHRIY	157	2968
>EGFR-E884K ALESILHRIY	3950	>EGFR-E884K ALKSILHRIY	229	3721
>EGFR-E884K MALESILHRI	343	>EGFR-E884K MALKSILHRI	941	598

>EGFR-E884f MALESILHRI	329	>EGFR-E884f MALKSILHRI	500	171
>EGFR-E884f MALESILHRI	124	>EGFR-E884f MALKSILHRI	416	292
>EGFR-E884f MALESILHRI	22	>EGFR-E884f MALKSILHRI	221	199
>EGFR-E884f MALESILHRI	352	>EGFR-E884f MALKSILHRI	2892	2540
>EGFR-E884f MALESILHRI	182	>EGFR-E884f MALKSILHRI	1359	1177
>EGFR-E884f MALESILHR	286	>EGFR-E884f MALKSILHR	334	48
>EGFR-E884f MALESILHRIY	197	>EGFR-E884f MALKSILHRIY	337	140
>EGFR-E884f MALESILHR	23	>EGFR-E884f MALKSILHR	16	7
>EGFR-E884f MALESILHR	47	>EGFR-E884f MALKSILHR	102	55
>EGFR-E884f MALESILHR	16	>EGFR-E884f MALKSILHR	20	4
>EGFR-E884f MALESILHRI	116	>EGFR-E884f MALKSILHRI	386	270
>EGFR-E884f MALESILHRI	14	>EGFR-E884f MALKSILHRI	66	52
>EGFR-E884f MALESILHRIY	959	>EGFR-E884f MALKSILHRIY	483	476
>EGFR-E884f MALESILHRIY	53	>EGFR-E884f MALKSILHRIY	36	17
>EGFR-E884f MALESILHRI	52	>EGFR-E884f MALKSILHRI	91	39
>EGFR-E884f MALESILHRIY	8	>EGFR-E884f MALKSILHRIY	12	4
>EGFR-E884f MALESILH	201	>EGFR-E884f MALKSILH	585	384
>EGFR-E884f MALESILHRIY	17	>EGFR-E884f MALKSILHRIY	32	15
>EGFR-E884f MALESILHRIY	397	>EGFR-E884f MALKSILHRIY	499	102
>EGFR-E884f MALESILHRIY	284	>EGFR-E884f MALKSILHRIY	242	42
>EGFR-E884f MALESILHRI	55	>EGFR-E884f MALKSILHRI	76	21
>EGFR-E884f MALESILHRIY	341	>EGFR-E884f MALKSILHRIY	442	101
>EGFR-E884f MALESILHRIY	628	>EGFR-E884f MALKSILHRIY	193	435
>EGFR-E884f MALESILHR	102	>EGFR-E884f MALKSILHR	56	46
>EGFR-E884f WMALESILHF	54	>EGFR-E884f WMALKSILHF	61	7
>EGFR-E884f WMALESIL	19	>EGFR-E884f WMALKSIL	33	14
>EGFR-E884f WMALESILHF	8	>EGFR-E884f WMALKSILHF	12	4
>EGFR-E884f WMALESIL	69	>EGFR-E884f WMALKSIL	49	20
>EGFR-E884f WMALESILHF	17	>EGFR-E884f WMALKSILHF	12	5
>EGFR-E884f WMALESIL	357	>EGFR-E884f WMALKSIL	651	294
>EGFR-E884f WMALESILHF	85	>EGFR-E884f WMALKSILHF	128	43
>EGFR-E884f WMALESIL	280	>EGFR-E884f WMALKSIL	275	5
>EGFR-E884f WMALESILHF	21	>EGFR-E884f WMALKSILHF	18	3
>EGFR-E884f WMALESIL	135	>EGFR-E884f WMALKSIL	196	61
>EGFR-E884f WMALESILHF	54	>EGFR-E884f WMALKSILHF	53	1
>EGFR-E884f WMALESIL	87	>EGFR-E884f WMALKSIL	143	56
>EGFR-E884f WMALESILHF	42	>EGFR-E884f WMALKSILHF	48	6
>EGFR-E884f WMALESIL	55	>EGFR-E884f WMALKSIL	71	16
>EGFR-E884f WMALESILHF	11	>EGFR-E884f WMALKSILHF	11	0
>EGFR-E884f WMALESIL	25	>EGFR-E884f WMALKSIL	28	3
>EGFR-E884f WMALESILHF	13	>EGFR-E884f WMALKSILHF	14	1
>EGFR-E884f WMALESILHF	954	>EGFR-E884f WMALKSILHF	263	691
>EGFR-E884f WMALESILHF	181	>EGFR-E884f WMALKSILHF	219	38

>EGFR-E884f WMALESIL	3609	>EGFR-E884f WMALKSIL	354	3255
>EGFR-E884f WMALESIL	222	>EGFR-E884f WMALKSIL	460	238
>EGFR-E884f WMALESIL	96	>EGFR-E884f WMALKSIL	172	76
>EGFR-E884f WMALESILHF	24	>EGFR-E884f WMALKSILHF	23	1
>EGFR-E884f WMALESILHF	42	>EGFR-E884f WMALKSILHF	44	2
>EGFR-E884f KWMALESI	27	>EGFR-E884f KWMALKSI	61	34
>EGFR-E884f KWMALESIL	62	>EGFR-E884f KWMALKSIL	40	22
>EGFR-E884f KWMALESI	295	>EGFR-E884f KWMALKSI	1954	1659
>EGFR-E884f KWMALESI	382	>EGFR-E884f KWMALKSI	1712	1330
>EGFR-E884f KWMALESI	267	>EGFR-E884f KWMALKSI	390	123
>EGFR-E884f KWMALESI	47	>EGFR-E884f KWMALKSI	96	49
>EGFR-E884f KWMALESIL	178	>EGFR-E884f KWMALKSIL	318	140
>EGFR-E884f KWMALESILf	32	>EGFR-E884f KWMALKSILf	18	14
>EGFR-E884f KWMALESILf	328	>EGFR-E884f KWMALKSILf	256	72
>EGFR-E884f KWMALESILf	8	>EGFR-E884f KWMALKSILf	7	1
>EGFR-E884f KWMALESI	22	>EGFR-E884f KWMALKSI	21	1
>EGFR-E884f KWMALESIL	31	>EGFR-E884f KWMALKSIL	24	7
>EGFR-E884f KWMALESILf	130	>EGFR-E884f KWMALKSILf	112	18
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>EGFR-E884f IKWMALESI	20	>EGFR-E884f IKWMALKSI	11	9
>EGFR-E884f IKWMALESIL	11	>EGFR-E884f IKWMALKSIL	10	1
>EGFR-E884f IKWMALESILf	228	>EGFR-E884f IKWMALKSILf	238	10
>EGFR-E884f IKWMALESIL	404	>EGFR-E884f IKWMALKSIL	471	67
>EGFR-E884f PIKWMALE	15603	>EGFR-E884f PIKWMALE	205	15398
>EGFR-E884f VPIKWMALEf	350	>EGFR-E884f VPIKWMALEf	478	128
>EGFR-E884f VPIKWMALEf	251	>EGFR-E884f VPIKWMALEf	178	73
>EGFR-E884f VPIKWMALEf	192	>EGFR-E884f VPIKWMALEf	224	32
>EGFR-E884f VPIKWMALEf	138	>EGFR-E884f VPIKWMALEf	271	133
>EGFR-E884f VPIKWMALEf	881	>EGFR-E884f VPIKWMALEf	438	443
>EGFR-E884f KVPIKWMALE	13235	>EGFR-E884f KVPIKWMALE	90	13145
>EGFR-E884f KVPIKWMALE	32505	>EGFR-E884f KVPIKWMALE	124	32381
>EGFR-E884f KVPIKWMALE	9471	>EGFR-E884f KVPIKWMALE	24	9447
>EGFR-E884f KVPIKWMALE	7365	>EGFR-E884f KVPIKWMALE	308	7057
>EGFR-E884f KVPIKWMALE	32068	>EGFR-E884f KVPIKWMALE	477	31591
>EGFR-E884f KVPIKWMALE	12906	>EGFR-E884f KVPIKWMALE	254	12652
>EGFR-F712L EFKKIKVL	674	>EGFR-F712L ELKKIKVL	49	625
>EGFR-F712L ALLRILKETEF	9396	>EGFR-F712L ALLRILKETEL	87	9309
>EGFR-F712L ALLRILKETEF	2743	>EGFR-F712L ALLRILKETEL	55	2688
>EGFR-F712L ALLRILKETEF	10020	>EGFR-F712L ALLRILKETEL	302	9718
>EGFR-F712L ALLRILKETEF	2364	>EGFR-F712L ALLRILKETEL	375	1989
>EGFR-F712L ALLRILKETEF	1376	>EGFR-F712L ALLRILKETEL	14	1362
>EGFR-F712L ALLRILKETEF	11092	>EGFR-F712L ALLRILKETEL	56	11036
>EGFR-F712L ALLRILKETEF	9321	>EGFR-F712L ALLRILKETEL	21	9300



>EGFR-F712L ALLRILKETEF	15032	>EGFR-F712L ALLRILKETEL	87	14945
>EGFR-F712L ALLRILKETEF	1230	>EGFR-F712L ALLRILKETEL	5	1225
>EGFR-F712L ALLRILKETEF	153	>EGFR-F712L ALLRILKETEL	701	548
>EGFR-F712L ALLRILKETEF	58	>EGFR-F712L ALLRILKETEL	1714	1656
>EGFR-F712L TEFKKIKV	513	>EGFR-F712L TELKKIKV	393	120
>EGFR-F712L TEFKKIKVL	51	>EGFR-F712L TELKKIKVL	45	6
>EGFR-F712L TEFKKIKVL	462	>EGFR-F712L TELKKIKVL	920	458
>EGFR-F712L TEFKKIKVL	284	>EGFR-F712L TELKKIKVL	1379	1095
>EGFR-F712L TEFKKIKV	361	>EGFR-F712L TELKKIKV	957	596
>EGFR-F712L TEFKKIKVL	68	>EGFR-F712L TELKKIKVL	155	87
>EGFR-F712L TEFKKIKVL	460	>EGFR-F712L TELKKIKVL	1144	684
>EGFR-F712L TEFKKIKVL	85	>EGFR-F712L TELKKIKVL	196	111
>EGFR-F712L ETEFKKIK	46	>EGFR-F712L ETELKKIK	160	114
>EGFR-F712L ETEFKKIKV	201	>EGFR-F712L ETELKKIKV	1216	1015
>EGFR-F712L KETEFKKI	82	>EGFR-F712L KETELKKI	114	32
>EGFR-F712L KETEFKKIKV	274	>EGFR-F712L KETELKKIKV	245	29
>EGFR-F712L KETEFKKIKVL	128	>EGFR-F712L KETELKKIKVL	143	15
>EGFR-F712L KETEFKKI	165	>EGFR-F712L KETELKKI	339	174
>EGFR-F712L KETEFKKIKVL	51	>EGFR-F712L KETELKKIKVL	67	16
>EGFR-F712L KETEFKKI	289	>EGFR-F712L KETELKKI	381	92
>EGFR-F712L KETEFKKIKVL	75	>EGFR-F712L KETELKKIKVL	78	3
>EGFR-F712L KETEFKKI	949	>EGFR-F712L KETELKKI	335	614
>EGFR-F712L KETEFKKIKVL	105	>EGFR-F712L KETELKKIKVL	140	35
>EGFR-F712L ILKETEFKKI	144	>EGFR-F712L ILKETELKKI	100	44
>EGFR-F712L ILKETEFKKI	259	>EGFR-F712L ILKETELKKI	363	104
>EGFR-F712L ILKETEFKKI	63	>EGFR-F712L ILKETELKKI	76	13
>EGFR-F712L ILKETEFK	129	>EGFR-F712L ILKETELK	177	48
>EGFR-F712L ILKETEFKK	144	>EGFR-F712L ILKETELKK	110	34
>EGFR-F712L ILKETEFK	431	>EGFR-F712L ILKETELK	857	426
>EGFR-F712L ILKETEFK	97	>EGFR-F712L ILKETELK	287	190
>EGFR-F712L ILKETEFKK	235	>EGFR-F712L ILKETELKK	123	112
>EGFR-F712L ILKETEFKKIK	224	>EGFR-F712L ILKETELKKIK	253	29
>EGFR-F712L ILKETEFK	352	>EGFR-F712L ILKETELK	1085	733
>EGFR-F712L RILKETEF	2738	>EGFR-F712L RILKETEL	395	2343
>EGFR-F712L RILKETEF	12944	>EGFR-F712L RILKETEL	367	12577
>EGFR-F712L RILKETEF	25758	>EGFR-F712L RILKETEL	454	25304
>EGFR-F712L RILKETEFK	83	>EGFR-F712L RILKETELK	125	42
>EGFR-F712L RILKETEFKK	111	>EGFR-F712L RILKETELKK	55	56
>EGFR-F712L RILKETEFK	23	>EGFR-F712L RILKETELK	39	16
>EGFR-F712L RILKETEFKK	58	>EGFR-F712L RILKETELKK	64	6
>EGFR-F712L RILKETEF	267	>EGFR-F712L RILKETEL	3762	3495
>EGFR-F712L RILKETEFK	37	>EGFR-F712L RILKETELK	159	122
>EGFR-F712L RILKETEFKK	71	>EGFR-F712L RILKETELKK	63	8

>EGFR-F712L RILKETEF	40	>EGFR-F712L RILKETEL	182	142
>EGFR-F712L RILKETEFKKI	128	>EGFR-F712L RILKETELKKI	132	4
>EGFR-F712L RILKETEF	62	>EGFR-F712L RILKETEL	1762	1700
>EGFR-F712L RILKETEF	111	>EGFR-F712L RILKETEL	1956	1845
>EGFR-F712L RILKETEFK	64	>EGFR-F712L RILKETEFLK	156	92
>EGFR-F712L RILKETEFLK	149	>EGFR-F712L RILKETEFLKK	176	27
>EGFR-F712L LRILKETEF	106	>EGFR-F712L LRILKETEL	1570	1464
>EGFR-F712L LRILKETEFLK	302	>EGFR-F712L LRILKETEFLK	413	111
>EGFR-F712L LRILKETEFLKK	185	>EGFR-F712L LRILKETEFLKK	214	29
>EGFR-F712L LLRILKETEF	13376	>EGFR-F712L LLRILKETEL	293	13083
>EGFR-F712L LLRILKETEF	9583	>EGFR-F712L LLRILKETEL	13	9570
>EGFR-F712L LLRILKETEFLK	286	>EGFR-F712L LLRILKETEFLK	447	161
>EGFR-F712L LLRILKETEFLK	60	>EGFR-F712L LLRILKETEFLK	197	137
>EGFR-F712L LLRILKETEF	167	>EGFR-F712L LLRILKETEL	3857	3690
>EGFR-F712L LLRILKETEF	119	>EGFR-F712L LLRILKETEL	2732	2613
>EGFR-F712L LLRILKETEF	422	>EGFR-F712L LLRILKETEL	5134	4712
>EGFR-F712S EFKKIKVL	21044	>EGFR-F712S ESKKIKVL	435	20609
>EGFR-F712S ALLRILKETEF	153	>EGFR-F712S ALLRILKETES	17669	17516
>EGFR-F712S ALLRILKETEF	58	>EGFR-F712S ALLRILKETES	15355	15297
>EGFR-F712S TEFKKIKVL	51	>EGFR-F712S TESKKIKVL	229	178
>EGFR-F712S TEFKKIKVL	462	>EGFR-F712S TESKKIKVL	1972	1510
>EGFR-F712S TEFKKIKVL	284	>EGFR-F712S TESKKIKVL	1063	779
>EGFR-F712S TEFKKIKV	361	>EGFR-F712S TESKKIKV	3091	2730
>EGFR-F712S TEFKKIKVL	68	>EGFR-F712S TESKKIKVL	377	309
>EGFR-F712S TEFKKIKVL	460	>EGFR-F712S TESKKIKVL	2836	2376
>EGFR-F712S TEFKKIKVL	85	>EGFR-F712S TESKKIKVL	585	500
>EGFR-F712S ETEFKKIK	46	>EGFR-F712S ETESKKIK	70	24
>EGFR-F712S ETEFKKIKV	201	>EGFR-F712S ETESKKIKV	539	338
>EGFR-F712S ETEFKKIKV	511	>EGFR-F712S ETESKKIKV	338	173
>EGFR-F712S KETEFLK	82	>EGFR-F712S KETESKKI	58	24
>EGFR-F712S KETEFLKIKV	274	>EGFR-F712S KETESKKIKV	394	120
>EGFR-F712S KETEFLKIKVL	128	>EGFR-F712S KETESKKIKVL	179	51
>EGFR-F712S KETEFLK	165	>EGFR-F712S KETESKKI	284	119
>EGFR-F712S KETEFLKIKVL	51	>EGFR-F712S KETESKKIKVL	58	7
>EGFR-F712S KETEFLK	289	>EGFR-F712S KETESKKI	874	585
>EGFR-F712S KETEFLKIKVL	75	>EGFR-F712S KETESKKIKVL	149	74
>EGFR-F712S KETEFLKIKVL	105	>EGFR-F712S KETESKKIKVL	211	106
>EGFR-F712S ILKETEFK	144	>EGFR-F712S ILKETESKKI	297	153
>EGFR-F712S ILKETEFK	259	>EGFR-F712S ILKETESKKI	530	271
>EGFR-F712S ILKETEFK	63	>EGFR-F712S ILKETESKKI	106	43
>EGFR-F712S ILKETEFLK	129	>EGFR-F712S ILKETEFLK	368	239
>EGFR-F712S ILKETEFLK	144	>EGFR-F712S ILKETEFLK	178	34
>EGFR-F712S ILKETEFLK	431	>EGFR-F712S ILKETEFLK	2840	2409

>EGFR-F712S ILKETEFK	97	>EGFR-F712S ILKETESK	308	211
>EGFR-F712S ILKETEFKK	235	>EGFR-F712S ILKETESKK	367	132
>EGFR-F712S ILKETEFKKIK	224	>EGFR-F712S ILKETESKKIK	242	18
>EGFR-F712S ILKETEFK	352	>EGFR-F712S ILKETESK	1813	1461
>EGFR-F712S RILKETEFK	83	>EGFR-F712S RILKETESK	227	144
>EGFR-F712S RILKETEFKK	111	>EGFR-F712S RILKETESKK	90	21
>EGFR-F712S RILKETEFK	23	>EGFR-F712S RILKETESK	63	40
>EGFR-F712S RILKETEFKK	58	>EGFR-F712S RILKETESKK	241	183
>EGFR-F712S RILKETEF	267	>EGFR-F712S RILKETES	18388	18121
>EGFR-F712S RILKETEFK	37	>EGFR-F712S RILKETESK	124	87
>EGFR-F712S RILKETEFKK	71	>EGFR-F712S RILKETESKK	106	35
>EGFR-F712S RILKETEF	40	>EGFR-F712S RILKETES	9178	9138
>EGFR-F712S RILKETEFKKI	128	>EGFR-F712S RILKETESKKI	60	68
>EGFR-F712S RILKETEF	62	>EGFR-F712S RILKETES	17802	17740
>EGFR-F712S RILKETEF	111	>EGFR-F712S RILKETES	22527	22416
>EGFR-F712S RILKETEFK	64	>EGFR-F712S RILKETESK	374	310
>EGFR-F712S RILKETEFKK	149	>EGFR-F712S RILKETESKK	765	616
>EGFR-F712S LRILKETEF	106	>EGFR-F712S LRILKETES	14137	14031
>EGFR-F712S LRILKETEFK	302	>EGFR-F712S LRILKETESK	773	471
>EGFR-F712S LRILKETEFKK	185	>EGFR-F712S LRILKETESKK	326	141
>EGFR-F712S LLRILKETEFK	286	>EGFR-F712S LLRILKETESK	855	569
>EGFR-F712S LLRILKETEFK	60	>EGFR-F712S LLRILKETESK	165	105
>EGFR-F712S LLRILKETEF	167	>EGFR-F712S LLRILKETES	15989	15822
>EGFR-F712S LLRILKETEF	119	>EGFR-F712S LLRILKETES	18353	18234
>EGFR-F712S LLRILKETEF	422	>EGFR-F712S LLRILKETES	22358	21936
>EGFR-F723S FGTVYKGL	354	>EGFR-F723S SGTVYKGL	87	267
>EGFR-F723S FGTVYKGLW	393	>EGFR-F723S SGTVYKGLW	2242	1849
>EGFR-F723S FGTVYKGLW	29	>EGFR-F723S SGTVYKGLW	890	861
>EGFR-F723S AFGTVYKGL	152	>EGFR-F723S ASGTVYKGL	16048	15896
>EGFR-F723S AFGTVYKGLV	249	>EGFR-F723S ASGTVYKGLV	14908	14659
>EGFR-F723S AFGTVYKGLV	16465	>EGFR-F723S ASGTVYKGLV	156	16309
>EGFR-F723S AFGTVYKGLV	21017	>EGFR-F723S ASGTVYKGLV	362	20655
>EGFR-F723S AFGTVYKGLV	8157	>EGFR-F723S ASGTVYKGLV	77	8080
>EGFR-F723S AFGTVYKGLV	11361	>EGFR-F723S ASGTVYKGLV	90	11271
>EGFR-F723S KKIKVLGSGAI	7	>EGFR-F723S KKIKVLGSGAI	3924	3917
>EGFR-F723S GAFGTVYKGI	372	>EGFR-F723S GASGTVYKGI	3930	3558
>EGFR-F723S GAFGTVYK	122	>EGFR-F723S GASGTVYK	454	332
>EGFR-F723S GAFGTVYK	9	>EGFR-F723S GASGTVYK	20	11
>EGFR-F723S GAFGTVYK	98	>EGFR-F723S GASGTVYK	605	507
>EGFR-F723S GAFGTVYK	222	>EGFR-F723S GASGTVYK	1437	1215
>EGFR-F723S GAFGTVYK	23	>EGFR-F723S GASGTVYK	199	176
>EGFR-F723S GAFGTVYKGI	158	>EGFR-F723S GASGTVYKGI	873	715
>EGFR-F723S GAFGTVYKGI	38	>EGFR-F723S GASGTVYKGI	150	112

>EGFR-F723S GAFGTVYKGL	456	>EGFR-F723S GASGTVYKGL	268	188
>EGFR-F723S GAFGTVYKGL	46	>EGFR-F723S GASGTVYKGL	110	64
>EGFR-F723S GAFGTVYKGL	34	>EGFR-F723S GASGTVYKGL	42	8
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>EGFR-F723S GAFGTVYKGL	33	>EGFR-F723S GASGTVYKGL	70	37
>EGFR-F723S GAFGTVYK	150	>EGFR-F723S GASGTVYK	356	206
>EGFR-F723S SGAFGTVYK	49	>EGFR-F723S SGASGTVYK	77	28
>EGFR-F723S SGAFGTVY	87	>EGFR-F723S SGASGTVY	79	8
>EGFR-F723S SGAFGTVYK	178	>EGFR-F723S SGASGTVYK	247	69
>EGFR-F723S SGAFGTVY	188	>EGFR-F723S SGASGTVY	125	63
>EGFR-F723S SGAFGTVY	460	>EGFR-F723S SGASGTVY	221	239
>EGFR-F723S SGAFGTVY	520	>EGFR-F723S SGASGTVY	369	151
>EGFR-F723S SGAFGTVYK	342	>EGFR-F723S SGASGTVYK	379	37
>EGFR-F723S GSGAFGTVYK	46	>EGFR-F723S GSGASGTVYK	94	48
>EGFR-F723S GSGAFGTVYK	29	>EGFR-F723S GSGASGTVYK	44	15
>EGFR-F723S GSGAFGTVY	432	>EGFR-F723S GSGASGTVY	626	194
>EGFR-F723S GSGAFGTVYK	224	>EGFR-F723S GSGASGTVYK	607	383
>EGFR-F723S GSGAFGTVY	78	>EGFR-F723S GSGASGTVY	54	24
>EGFR-F723S GSGAFGTVY	349	>EGFR-F723S GSGASGTVY	309	40
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>EGFR-F723S GSGAFGTVY	11	>EGFR-F723S GSGASGTVY	16	5
>EGFR-F723S GSGAFGTVYK	337	>EGFR-F723S GSGASGTVYK	528	191
>EGFR-F723S LGSGAFGTVY	125	>EGFR-F723S LGSGASGTVY	334	209
>EGFR-F723S LGSGAFGTVY	478	>EGFR-F723S LGSGASGTVY	390	88
>EGFR-F723S LGSGAFGTVY	93	>EGFR-F723S LGSGASGTVY	76	17
>EGFR-F723S LGSGAFGTVY	2359	>EGFR-F723S LGSGASGTVY	483	1876
>EGFR-F723S LGSGAFGTVY	94	>EGFR-F723S LGSGASGTVY	74	20
>EGFR-F723S LGSGAFGTVY	905	>EGFR-F723S LGSGASGTVY	465	440
>EGFR-F723S VLGSAGFTV	73	>EGFR-F723S VLGSAGFTV	269	196
>EGFR-F723S VLGSAGFTV	41	>EGFR-F723S VLGSAGFTV	61	20
>EGFR-F723S VLGSAGFTV	21	>EGFR-F723S VLGSAGFTV	40	19
>EGFR-F723S VLGSAGFT	68	>EGFR-F723S VLGSAGFT	427	359
>EGFR-F723S VLGSAGFTV	3	>EGFR-F723S VLGSAGFTV	3	0
>EGFR-F723S VLGSAGFTV	7	>EGFR-F723S VLGSAGFTV	8	1
>EGFR-F723S VLGSAGFT	103	>EGFR-F723S VLGSAGFT	806	703
>EGFR-F723S VLGSAGFTV	7	>EGFR-F723S VLGSAGFTV	8	1
>EGFR-F723S VLGSAGFT	75	>EGFR-F723S VLGSAGFT	817	742
>EGFR-F723S VLGSAGFTV	5	>EGFR-F723S VLGSAGFTV	5	0
>EGFR-F723S VLGSAGFT	14	>EGFR-F723S VLGSAGFT	39	25
>EGFR-F723S VLGSAGFTV	2	>EGFR-F723S VLGSAGFTV	2	0
>EGFR-F723S VLGSAGFTV	64	>EGFR-F723S VLGSAGFTV	147	83
>EGFR-F723S VLGSAGFTV	54	>EGFR-F723S VLGSAGFTV	65	11
>EGFR-F723S VLGSAGFTV	26	>EGFR-F723S VLGSAGFTV	67	41

>EGFR-F723S VLGSGAFGTV	73	>EGFR-F723S VLGSGASGTV	55	18
>EGFR-F723S VLGSGAFGTV	87	>EGFR-F723S VLGSGASGTV	51	36
>EGFR-F723S VLGSGAFGTV	421	>EGFR-F723S VLGSGASGTV	264	157
>EGFR-F723S VLGSGAFGTV	227	>EGFR-F723S VLGSGASGTV	105	122
>EGFR-F723S KVLGSGAFGT	294	>EGFR-F723S KVLGSGASGT	502	208
>EGFR-F723S KVLGSGAFGT	123	>EGFR-F723S KVLGSGASGT	142	19
>EGFR-F723S KVLGSGAFGT	9	>EGFR-F723S KVLGSGASGT	21	12
>EGFR-F723S KVLGSGAFGT	12	>EGFR-F723S KVLGSGASGT	14	2
>EGFR-F723S KVLGSGAFGT	78	>EGFR-F723S KVLGSGASGT	68	10
>EGFR-F723S KVLGSGAFGT	28	>EGFR-F723S KVLGSGASGT	32	4
>EGFR-F723S KVLGSGAFGT	176	>EGFR-F723S KVLGSGASGT	148	28
>EGFR-F723S KVLGSGAFGT	15	>EGFR-F723S KVLGSGASGT	16	1
>EGFR-F723S KVLGSGAFG	103	>EGFR-F723S KVLGSGASG	413	310
>EGFR-F723S KVLGSGAFGT	76	>EGFR-F723S KVLGSGASGT	66	10
>EGFR-F723S KVLGSGAF	32	>EGFR-F723S KVLGSGAS	7319	7287
>EGFR-F723S KVLGSGAFGT	807	>EGFR-F723S KVLGSGASGT	380	427
>EGFR-F723S KVLGSGAFGT	324	>EGFR-F723S KVLGSGASGT	430	106
>EGFR-F723S KVLGSGAF	172	>EGFR-F723S KVLGSGAS	15331	15159
>EGFR-F723S KVLGSGAF	345	>EGFR-F723S KVLGSGAS	22043	21698
>EGFR-F723S KVLGSGAF	165	>EGFR-F723S KVLGSGAS	21948	21783
>EGFR-F723S KVLGSGAF	16	>EGFR-F723S KVLGSGAS	10304	10288
>EGFR-F723S KVLGSGAF	476	>EGFR-F723S KVLGSGAS	20800	20324
>EGFR-F723S IKVLGSGAF	9	>EGFR-F723S IKVLGSGAS	8209	8200
>EGFR-F723S KIKVLGSGAF	903	>EGFR-F723S KIKVLGSGAS	259	644
>EGFR-F723S KIKVLGSGAF	50	>EGFR-F723S KIKVLGSGAS	132	82
>EGFR-F723S KIKVLGSGAF	63	>EGFR-F723S KIKVLGSGAS	10466	10403
>EGFR-F723S KIKVLGSGAF	245	>EGFR-F723S KIKVLGSGAS	19252	19007
>EGFR-F795S FGCLLDYV	218	>EGFR-F795S SGCLLDYV	1882	1664
>EGFR-F795S FGCLLDYV	151	>EGFR-F795S SGCLLDYV	1613	1462
>EGFR-F795S FGCLLDYVR	1663	>EGFR-F795S SGCLLDYVR	295	1368
>EGFR-F795S FGCLLDYVR	78	>EGFR-F795S SGCLLDYVR	67	11
>EGFR-F795S PFGCLLDY	31	>EGFR-F795S PSGCLLDY	285	254
>EGFR-F795S PFGCLLDY	341	>EGFR-F795S PSGCLLDY	622	281
>EGFR-F795S PFGCLLDYVR	35	>EGFR-F795S PSGCLLDYVR	510	475
>EGFR-F795S TVQLITQLMP	469	>EGFR-F795S TVQLITQLMP	23390	22921
>EGFR-F795S TVQLITQLMP	188	>EGFR-F795S TVQLITQLMP	16928	16740
>EGFR-F795S MPFGCLLDY	79	>EGFR-F795S MPSGCLLDY	1065	986
>EGFR-F795S MPFGCLLDY\	8	>EGFR-F795S MPSGCLLDY\	70	62
>EGFR-F795S MPFGCLLDY\	203	>EGFR-F795S MPSGCLLDY\	493	290
>EGFR-F795S MPFGCLLDY\	131	>EGFR-F795S MPSGCLLDY\	311	180
>EGFR-F795S MPFGCLLDY\	399	>EGFR-F795S MPSGCLLDY\	3090	2691
>EGFR-F795S MPFGCLLDY	17	>EGFR-F795S MPSGCLLDY	42	25
>EGFR-F795S MPFGCLLDY\	498	>EGFR-F795S MPSGCLLDY\	2803	2305

>EGFR-F795S MPFGCLLDY\	425	>EGFR-F795S MPSGCLLDY\	1922	1497
>EGFR-F795S MPFGCLLDY\	63	>EGFR-F795S MPSGCLLDY\	357	294
>EGFR-F795S MPFGCLLDY\	282	>EGFR-F795S MPSGCLLDY\	1177	895
>EGFR-F795S MPFGCLLDY	359	>EGFR-F795S MPSGCLLDY	865	506
>EGFR-F795S MPFGCLLDY	480	>EGFR-F795S MPSGCLLDY	2544	2064
>EGFR-F795S MPFGCLLDY	297	>EGFR-F795S MPSGCLLDY	1911	1614
>EGFR-F795S MPFGCLLDY	8	>EGFR-F795S MPSGCLLDY	8	0
>EGFR-F795S MPFGCLLDY\	80	>EGFR-F795S MPSGCLLDY\	95	15
>EGFR-F795S MPFGCLLDY	13	>EGFR-F795S MPSGCLLDY	12	1
>EGFR-F795S MPFGCLLD	63	>EGFR-F795S MPSGCLLD	327	264
>EGFR-F795S MPFGCLLDY	254	>EGFR-F795S MPSGCLLDY	2598	2344
>EGFR-F795S MPFGCLLDY\	25	>EGFR-F795S MPSGCLLDY\	34	9
>EGFR-F795S MPFGCLLDY\	43	>EGFR-F795S MPSGCLLDY\	237	194
>EGFR-F795S MPFGCLLDY	95	>EGFR-F795S MPSGCLLDY	274	179
>EGFR-F795S MPFGCLLDY	101	>EGFR-F795S MPSGCLLDY	419	318
>EGFR-F795S MPFGCLLDY	494	>EGFR-F795S MPSGCLLDY	789	295
>EGFR-F795S MPFGCLLDY\	32	>EGFR-F795S MPSGCLLDY\	71	39
>EGFR-F795S LMPFGCLL	297	>EGFR-F795S LMPSGCLL	230	67
>EGFR-F795S LMPFGCLLDY	24	>EGFR-F795S LMPSGCLLDY	17	7
>EGFR-F795S LMPFGCLL	71	>EGFR-F795S LMPSGCLL	50	21
>EGFR-F795S LMPFGCLLDY	12	>EGFR-F795S LMPSGCLLDY	8	4
>EGFR-F795S LMPFGCLL	80	>EGFR-F795S LMPSGCLL	56	24
>EGFR-F795S LMPFGCLLDY	8	>EGFR-F795S LMPSGCLLDY	5	3
>EGFR-F795S LMPFGCLL	248	>EGFR-F795S LMPSGCLL	200	48
>EGFR-F795S LMPFGCLLDY	12	>EGFR-F795S LMPSGCLLDY	8	4
>EGFR-F795S LMPFGCLL	35	>EGFR-F795S LMPSGCLL	26	9
>EGFR-F795S LMPFGCLLDY	3	>EGFR-F795S LMPSGCLLDY	3	0
>EGFR-F795S LMPFGCLL	522	>EGFR-F795S LMPSGCLL	420	102
>EGFR-F795S LMPFGCLLDY	14	>EGFR-F795S LMPSGCLLDY	11	3
>EGFR-F795S LMPFGCLL	83	>EGFR-F795S LMPSGCLL	47	36
>EGFR-F795S LMPFGCLLDY	8	>EGFR-F795S LMPSGCLLDY	7	1
>EGFR-F795S LMPFGCLL	489	>EGFR-F795S LMPSGCLL	414	75
>EGFR-F795S LMPFGCLLDY	6	>EGFR-F795S LMPSGCLLDY	5	1
>EGFR-F795S LMPFGCLL	8	>EGFR-F795S LMPSGCLL	5	3
>EGFR-F795S LMPFGCLLDY	3	>EGFR-F795S LMPSGCLLDY	2	1
>EGFR-F795S LMPFGCLLDY	254	>EGFR-F795S LMPSGCLLDY	565	311
>EGFR-F795S LMPFGCLLDY	326	>EGFR-F795S LMPSGCLLDY	624	298
>EGFR-F795S LMPFGCLLDY	259	>EGFR-F795S LMPSGCLLDY	551	292
>EGFR-F795S LMPFGCLLDY	97	>EGFR-F795S LMPSGCLLDY	122	25
>EGFR-F795S LMPFGCLLDY	117	>EGFR-F795S LMPSGCLLDY	93	24
>EGFR-F795S LMPFGCLLDY	596	>EGFR-F795S LMPSGCLLDY	164	432
>EGFR-F795S LMPFGCLL	9	>EGFR-F795S LMPSGCLL	9	0
>EGFR-F795S LMPFGCLLDY	509	>EGFR-F795S LMPSGCLLDY	127	382

>EGFR-F795S LMPFGCLLDY	344	>EGFR-F795S LMPMSGCLLDY	598	254
>EGFR-F795S QLMPFGCL	215	>EGFR-F795S QLMPMSGCL	709	494
>EGFR-F795S QLMPFGCLL	39	>EGFR-F795S QLMPMSGCLL	148	109
>EGFR-F795S QLMPFGCL	30	>EGFR-F795S QLMPMSGCL	41	11
>EGFR-F795S QLMPFGCLL	8	>EGFR-F795S QLMPMSGCLL	12	4
>EGFR-F795S QLMPFGCL	212	>EGFR-F795S QLMPMSGCL	264	52
>EGFR-F795S QLMPFGCLL	53	>EGFR-F795S QLMPMSGCLL	55	2
>EGFR-F795S QLMPFGCL	201	>EGFR-F795S QLMPMSGCL	1066	865
>EGFR-F795S QLMPFGCLL	45	>EGFR-F795S QLMPMSGCLL	114	69
>EGFR-F795S QLMPFGCL	123	>EGFR-F795S QLMPMSGCL	281	158
>EGFR-F795S QLMPFGCLL	17	>EGFR-F795S QLMPMSGCLL	51	34
>EGFR-F795S QLMPFGCL	120	>EGFR-F795S QLMPMSGCL	108	12
>EGFR-F795S QLMPFGCLL	42	>EGFR-F795S QLMPMSGCLL	47	5
>EGFR-F795S QLMPFGCL	485	>EGFR-F795S QLMPMSGCL	534	49
>EGFR-F795S QLMPFGCLL	96	>EGFR-F795S QLMPMSGCLL	112	16
>EGFR-F795S QLMPFGCL	77	>EGFR-F795S QLMPMSGCL	76	1
>EGFR-F795S QLMPFGCLL	37	>EGFR-F795S QLMPMSGCLL	49	12
>EGFR-F795S QLMPFGCL	36	>EGFR-F795S QLMPMSGCL	48	12
>EGFR-F795S QLMPFGCLL	4	>EGFR-F795S QLMPMSGCLL	7	3
>EGFR-F795S QLMPFGCLLI	522	>EGFR-F795S QLMPMSGCLLI	451	71
>EGFR-F795S QLMPFGCLLI	15	>EGFR-F795S QLMPMSGCLLI	24	9
>EGFR-F795S QLMPFGCLLI	328	>EGFR-F795S QLMPMSGCLLI	419	91
>EGFR-F795S QLMPFGCLLI	23	>EGFR-F795S QLMPMSGCLLI	55	32
>EGFR-F795S QLMPFGCLL	1175	>EGFR-F795S QLMPMSGCLL	467	708
>EGFR-F795S QLMPFGCLLI	111	>EGFR-F795S QLMPMSGCLLI	81	30
>EGFR-F795S QLMPFGCLLI	92	>EGFR-F795S QLMPMSGCLLI	76	16
>EGFR-F795S QLMPFGCLL	623	>EGFR-F795S QLMPMSGCLL	353	270
>EGFR-F795S QLMPFGCLLI	124	>EGFR-F795S QLMPMSGCLLI	71	53
>EGFR-F795S QLMPFGCLL	2008	>EGFR-F795S QLMPMSGCLL	419	1589
>EGFR-F795S QLMPFGCLLI	537	>EGFR-F795S QLMPMSGCLLI	129	408
>EGFR-F795S QLMPFGCLLI	550	>EGFR-F795S QLMPMSGCLLI	466	84
>EGFR-F795S TQLMPFGC	325	>EGFR-F795S TQLMPMSGC	2679	2354
>EGFR-F795S TQLMPFGCL	200	>EGFR-F795S TQLMPMSGCL	2025	1825
>EGFR-F795S TQLMPFGCLI	128	>EGFR-F795S TQLMPMSGCLI	331	203
>EGFR-F795S TQLMPFGCLI	251	>EGFR-F795S TQLMPMSGCLI	213	38
>EGFR-F795S TQLMPFGCL	626	>EGFR-F795S TQLMPMSGCL	303	323
>EGFR-F795S TQLMPFGCLI	420	>EGFR-F795S TQLMPMSGCLI	265	155
>EGFR-F795S ITQLMPFGCL	365	>EGFR-F795S ITQLMPMSGCL	127	238
>EGFR-F795S ITQLMPFGCL	17	>EGFR-F795S ITQLMPMSGCL	12	5
>EGFR-F795S ITQLMPFGCL	120	>EGFR-F795S ITQLMPMSGCL	200	80
>EGFR-F795S ITQLMPFGCL	187	>EGFR-F795S ITQLMPMSGCL	72	115
>EGFR-F795S ITQLMPFGCL	132	>EGFR-F795S ITQLMPMSGCL	60	72
>EGFR-F795S LITQLMPF	228	>EGFR-F795S LITQLMPF	15866	15638

>EGFR-F795S LITQLMPF	388	>EGFR-F795S LITQLMPS	21962	21574
>EGFR-F795S QLITQLMPF	1090	>EGFR-F795S QLITQLMPS	435	655
>EGFR-F795S QLITQLMPF	212	>EGFR-F795S QLITQLMPS	915	703
>EGFR-F795S QLITQLMPF	23	>EGFR-F795S QLITQLMPS	8903	8880
>EGFR-F795S QLITQLMPF	154	>EGFR-F795S QLITQLMPS	20064	19910
>EGFR-F795S QLITQLMPF	67	>EGFR-F795S QLITQLMPS	10951	10884
>EGFR-F795S QLITQLMPF	496	>EGFR-F795S QLITQLMPS	23668	23172
>EGFR-F795S QLITQLMPF	14	>EGFR-F795S QLITQLMPS	10055	10041
>EGFR-F795S VQLITQLMPF	75	>EGFR-F795S VQLITQLMPS	9335	9260
>EGFR-F795S VQLITQLMPF	3	>EGFR-F795S VQLITQLMPS	1417	1414
>EGFR-F856L FGLAKLLGA	123	>EGFR-F856L LGLAKLLGA	2780	2657
>EGFR-F856L KTPQHVKITD	461	>EGFR-F856L KTPQHVKITD	3383	2922
>EGFR-F856L KTPQHVKITD	41	>EGFR-F856L KTPQHVKITD	178	137
>EGFR-F856L KTPQHVKITD	44	>EGFR-F856L KTPQHVKITD	212	168
>EGFR-F856L KTPQHVKITD	7	>EGFR-F856L KTPQHVKITD	5	2
>EGFR-F856L TDFGLAKLL	145	>EGFR-F856L TDLGLAKLL	214	69
>EGFR-F856L TDFGLAKLL	352	>EGFR-F856L TDLGLAKLL	2033	1681
>EGFR-F856L TDFGLAKLL	295	>EGFR-F856L TDLGLAKLL	166	129
>EGFR-F856L ITDFGLAK	290	>EGFR-F856L ITDLGLAK	658	368
>EGFR-F856L ITDFGLAK	33	>EGFR-F856L ITDLGLAK	53	20
>EGFR-F856L ITDFGLAKL	6	>EGFR-F856L ITDLGLAKL	6	0
>EGFR-F856L ITDFGLAKLL	15	>EGFR-F856L ITDLGLAKLL	13	2
>EGFR-F856L ITDFGLAKLL	276	>EGFR-F856L ITDLGLAKLL	206	70
>EGFR-F856L ITDFGLAKL	97	>EGFR-F856L ITDLGLAKL	299	202
>EGFR-F856L ITDFGLAK	474	>EGFR-F856L ITDLGLAK	1315	841
>EGFR-F856L KITDFGLAKL	91	>EGFR-F856L KITDLGLAKL	228	137
>EGFR-F856L KITDFGLAKLL	228	>EGFR-F856L KITDLGLAKLL	389	161
>EGFR-F856L KITDFGLA	348	>EGFR-F856L KITDLGLA	306	42
>EGFR-F856L KITDFGLAKL	81	>EGFR-F856L KITDLGLAKL	150	69
>EGFR-F856L KITDFGLA	117	>EGFR-F856L KITDLGLA	238	121
>EGFR-F856L KITDFGLAKL	432	>EGFR-F856L KITDLGLAKL	616	184
>EGFR-F856L KITDFGLAKLL	462	>EGFR-F856L KITDLGLAKLL	664	202
>EGFR-F856L KITDFGLAKL	188	>EGFR-F856L KITDLGLAKL	461	273
>EGFR-F856L KITDFGLAKL	478	>EGFR-F856L KITDLGLAKL	444	34
>EGFR-F856L KITDFGLAKL	29	>EGFR-F856L KITDLGLAKL	47	18
>EGFR-F856L KITDFGLAKLL	183	>EGFR-F856L KITDLGLAKLL	320	137
>EGFR-F856L KITDFGLAK	102	>EGFR-F856L KITDLGLAK	148	46
>EGFR-F856L KITDFGLAK	17	>EGFR-F856L KITDLGLAK	35	18
>EGFR-F856L KITDFGLAK	22	>EGFR-F856L KITDLGLAK	52	30
>EGFR-F856L KITDFGLAK	98	>EGFR-F856L KITDLGLAK	391	293
>EGFR-F856L VKITDFGL	279	>EGFR-F856L VKITDLGL	276	3
>EGFR-F856L VKITDFGLAK	252	>EGFR-F856L VKITDLGLAK	624	372
>EGFR-F856L VKITDFGLAKI	295	>EGFR-F856L VKITDLGLAKI	535	240



>EGFR-F856L HVKITDFGLA	276	>EGFR-F856L HVKITDLGLA	529	253
>EGFR-F856L HVKITDFG	229	>EGFR-F856L HVKITDLG	697	468
>EGFR-F856L HVKITDFGL	168	>EGFR-F856L HVKITDLGL	84	84
>EGFR-F856L HVKITDFGLA	33	>EGFR-F856L HVKITDLGLA	32	1
>EGFR-F856L HVKITDFGLA	4	>EGFR-F856L HVKITDLGLA	4	0
>EGFR-F856L HVKITDFGLA	201	>EGFR-F856L HVKITDLGLA	693	492
>EGFR-F856L HVKITDFGLA	130	>EGFR-F856L HVKITDLGLA	347	217
>EGFR-F856L HVKITDFGL	328	>EGFR-F856L HVKITDLGL	200	128
>EGFR-F856L QHVKITDF	107	>EGFR-F856L QHVKITDL	1978	1871
>EGFR-F856L QHVKITDFGL	380	>EGFR-F856L QHVKITDLGL	472	92
>EGFR-F856L PQHVKITDF	82	>EGFR-F856L PQHVKITDL	1996	1914
>EGFR-F856L TPQHVKITDF	80	>EGFR-F856L TPQHVKITDL	91	11
>EGFR-F856L TPQHVKITDF	125	>EGFR-F856L TPQHVKITDL	82	43
>EGFR-F856L TPQHVKITDF	234	>EGFR-F856L TPQHVKITDL	2825	2591
>EGFR-F856S FGLAKLLGA	123	>EGFR-F856S SGLAKLLGA	2767	2644
>EGFR-F856S KTPQHVKITD	461	>EGFR-F856S KTPQHVKITD	24378	23917
>EGFR-F856S KTPQHVKITD	41	>EGFR-F856S KTPQHVKITD	8982	8941
>EGFR-F856S KTPQHVKITD	44	>EGFR-F856S KTPQHVKITD	14387	14343
>EGFR-F856S KTPQHVKITD	7	>EGFR-F856S KTPQHVKITD	411	404
>EGFR-F856S TDFGLAKLL	145	>EGFR-F856S TDSGLAKLL	873	728
>EGFR-F856S TDFGLAKLL	352	>EGFR-F856S TDSGLAKLL	5977	5625
>EGFR-F856S TDFGLAKLL	295	>EGFR-F856S TDSGLAKLL	326	31
>EGFR-F856S ITDFGLAKL	919	>EGFR-F856S ITDSGLAKL	441	478
>EGFR-F856S ITDFGLAK	290	>EGFR-F856S ITDSGLAK	284	6
>EGFR-F856S ITDFGLAK	33	>EGFR-F856S ITDSGLAK	44	11
>EGFR-F856S ITDFGLAKL	6	>EGFR-F856S ITDSGLAKL	6	0
>EGFR-F856S ITDFGLAKLL	15	>EGFR-F856S ITDSGLAKLL	14	1
>EGFR-F856S ITDFGLAKL	748	>EGFR-F856S ITDSGLAKL	206	542
>EGFR-F856S ITDFGLAKLL	276	>EGFR-F856S ITDSGLAKLL	95	181
>EGFR-F856S ITDFGLAKL	97	>EGFR-F856S ITDSGLAKL	46	51
>EGFR-F856S ITDFGLAK	474	>EGFR-F856S ITDSGLAK	824	350
>EGFR-F856S KITDFGLAKL	91	>EGFR-F856S KITDSGLAKL	213	122
>EGFR-F856S KITDFGLAKLL	228	>EGFR-F856S KITDSGLAKLL	570	342
>EGFR-F856S KITDFGLA	348	>EGFR-F856S KITDSGLA	476	128
>EGFR-F856S KITDFGLAKL	81	>EGFR-F856S KITDSGLAKL	189	108
>EGFR-F856S KITDFGLA	117	>EGFR-F856S KITDSGLA	671	554
>EGFR-F856S KITDFGLAKL	432	>EGFR-F856S KITDSGLAKL	1078	646
>EGFR-F856S KITDFGLAKLL	462	>EGFR-F856S KITDSGLAKLL	766	304
>EGFR-F856S KITDFGLAKL	188	>EGFR-F856S KITDSGLAKL	443	255
>EGFR-F856S KITDFGLAKL	478	>EGFR-F856S KITDSGLAKL	532	54
>EGFR-F856S KITDFGLAKL	29	>EGFR-F856S KITDSGLAKL	22	7
>EGFR-F856S KITDFGLAKLL	183	>EGFR-F856S KITDSGLAKLL	214	31
>EGFR-F856S KITDFGLAK	102	>EGFR-F856S KITDSGLAK	87	15

>EGFR-F856S KITDFGLAK	17	>EGFR-F856S KITDSGLAK	28	11
>EGFR-F856S KITDFGLAK	22	>EGFR-F856S KITDSGLAK	21	1
>EGFR-F856S KITDFGLAKL	693	>EGFR-F856S KITDSGLAKL	156	537
>EGFR-F856S KITDFGLAK	98	>EGFR-F856S KITDSGLAK	1116	1018
>EGFR-F856S VKITDFGL	279	>EGFR-F856S VKITDSGL	124	155
>EGFR-F856S VKITDFGLAK	252	>EGFR-F856S VKITDSGLAK	260	8
>EGFR-F856S VKITDFGLAKI	295	>EGFR-F856S VKITDSGLAKI	262	33
>EGFR-F856S HVKITDFGLA	276	>EGFR-F856S HVKITDSGLA	619	343
>EGFR-F856S HVKITDFG	229	>EGFR-F856S HVKITDSG	741	512
>EGFR-F856S HVKITDFGL	168	>EGFR-F856S HVKITDSGL	267	99
>EGFR-F856S HVKITDFGLA	33	>EGFR-F856S HVKITDSGLA	29	4
>EGFR-F856S HVKITDFGLA	4	>EGFR-F856S HVKITDSGLA	4	0
>EGFR-F856S HVKITDFGLA	201	>EGFR-F856S HVKITDSGLA	609	408
>EGFR-F856S HVKITDFGLA	130	>EGFR-F856S HVKITDSGLA	189	59
>EGFR-F856S HVKITDFGL	328	>EGFR-F856S HVKITDSGL	197	131
>EGFR-F856S QHVKITDF	107	>EGFR-F856S QHVKITDS	16821	16714
>EGFR-F856S QHVKITDFGL	380	>EGFR-F856S QHVKITDSGL	467	87
>EGFR-F856S PQHVKITDF	82	>EGFR-F856S PQHVKITDS	18418	18336
>EGFR-F856S TPQHVKITDF	80	>EGFR-F856S TPQHVKITDS	29497	29417
>EGFR-F856S TPQHVKITDF	125	>EGFR-F856S TPQHVKITDS	3415	3290
>EGFR-F856S TPQHVKITDF	769	>EGFR-F856S TPQHVKITDS	262	507
>EGFR-F856S TPQHVKITDF	234	>EGFR-F856S TPQHVKITDS	20962	20728
>EGFR-F968L FSKMARDPQ	4034	>EGFR-F968L LSKMARDPQ	332	3702
>EGFR-F968L FSKMARDPQ	705	>EGFR-F968L LSKMARDPQ	289	416
>EGFR-F968L FSKMARDPQ	480	>EGFR-F968L LSKMARDPQ	298	182
>EGFR-F968L FSKMARDPQ	118	>EGFR-F968L LSKMARDPQ	723	605
>EGFR-F968L FSKMARDPQ	178	>EGFR-F968L LSKMARDPQ	164	14
>EGFR-F968L FSKMARDPQ	130	>EGFR-F968L LSKMARDPQ	326	196
>EGFR-F968L FSKMARDPQ	21	>EGFR-F968L LSKMARDPQ	17	4
>EGFR-F968L FSKMARDPQ	139	>EGFR-F968L LSKMARDPQ	125	14
>EGFR-F968L EFSKMARDPQ	229	>EGFR-F968L ELSKMARDPQ	1171	942
>EGFR-F968L EFSKMARDPQ	55	>EGFR-F968L ELSKMARDPQ	30	25
>EGFR-F968L EFSKMARDPQ	251	>EGFR-F968L ELSKMARDPQ	1360	1109
>EGFR-F968L RPKFRELIIEF	141	>EGFR-F968L RPKFRELIIEI	40	101
>EGFR-F968L RPKFRELIIEF	615	>EGFR-F968L RPKFRELIIEI	190	425
>EGFR-F968L RPKFRELIIEF	414	>EGFR-F968L RPKFRELIIEI	6734	6320
>EGFR-F968L IEFKMAR	439	>EGFR-F968L IELSKMAR	1301	862
>EGFR-F968L IEFKMAR	266	>EGFR-F968L IELSKMAR	499	233
>EGFR-F968L IIEFSKMAR	174	>EGFR-F968L IIELSKMAR	357	183
>EGFR-F968L IIEFSKMAR	64	>EGFR-F968L IIELSKMAR	203	139
>EGFR-F968L IIEFSKMAR	343	>EGFR-F968L IIELSKMAR	372	29
>EGFR-F968L LIIEFSKM	32	>EGFR-F968L LIIELSKM	1495	1463
>EGFR-F968L LIIEFSKMA	118	>EGFR-F968L LIIELSKMA	183	65

>EGFR-F968L LIIIEFSKM	254	>EGFR-F968L LIIELSKM	482	228
>EGFR-F968L LIIIEFSKMA	291	>EGFR-F968L LIIELSKMA	604	313
>EGFR-F968L LIIIEFSKMA	230	>EGFR-F968L LIIELSKMA	730	500
>EGFR-F968L LIIIEFSKMAR	136	>EGFR-F968L LIIELSKMAR	295	159
>EGFR-F968L LIIIEFSKM	204	>EGFR-F968L LIIELSKM	115	89
>EGFR-F968L LIIIEFSKMAR	17	>EGFR-F968L LIIELSKMAR	33	16
>EGFR-F968L LIIIEFSKMAR	64	>EGFR-F968L LIIELSKMAR	136	72
>EGFR-F968L LIIIEFSKMAR	13	>EGFR-F968L LIIELSKMAR	16	3
>EGFR-F968L LIIIEFSKMAR	287	>EGFR-F968L LIIELSKMAR	496	209
>EGFR-F968L ELIIIEFSKM	58	>EGFR-F968L ELIIIELSKM	30	28
>EGFR-F968L ELIIIEFSKM	46	>EGFR-F968L ELIIIELSKM	10	36
>EGFR-F968L ELIIIEFSKMAR	84	>EGFR-F968L ELIIIELSKMAR	130	46
>EGFR-F968L ELIIIEFSK	24	>EGFR-F968L ELIIIELSK	83	59
>EGFR-F968L ELIIIEFSKMAR	15	>EGFR-F968L ELIIIELSKMAR	23	8
>EGFR-F968L ELIIIEFSKMAR	254	>EGFR-F968L ELIIIELSKMAR	644	390
>EGFR-F968L RELIIIEFS	315	>EGFR-F968L RELIIIELS	427	112
>EGFR-F968L RELIIIEFSK	425	>EGFR-F968L RELIIIELSK	357	68
>EGFR-F968L RELIIIEFSKM	366	>EGFR-F968L RELIIIELSKM	607	241
>EGFR-F968L RELIIIEFSKMA	48	>EGFR-F968L RELIIIELSKMA	50	2
>EGFR-F968L RELIIIEFS	461	>EGFR-F968L RELIIIELS	1285	824
>EGFR-F968L RELIIIEFSKMA	31	>EGFR-F968L RELIIIELSKMA	61	30
>EGFR-F968L RELIIIEFSKM	978	>EGFR-F968L RELIIIELSKM	490	488
>EGFR-F968L RELIIIEFSK	487	>EGFR-F968L RELIIIELSK	1724	1237
>EGFR-F968L RELIIIEFSKM	17	>EGFR-F968L RELIIIELSKM	16	1
>EGFR-F968L RELIIIEFSKMA	138	>EGFR-F968L RELIIIELSKMA	234	96
>EGFR-F968L FRELIIEF	580	>EGFR-F968L FRELIIEL	467	113
>EGFR-F968L FRELIIEFSK	1026	>EGFR-F968L FRELIIELSK	394	632
>EGFR-F968L FRELIIEFSKM	294	>EGFR-F968L FRELIIELSKM	310	16
>EGFR-F968L FRELIIEF	2173	>EGFR-F968L FRELIIEL	88	2085
>EGFR-F968L FRELIIEF	1321	>EGFR-F968L FRELIIEL	222	1099
>EGFR-F968L FRELIIEF	1123	>EGFR-F968L FRELIIEL	434	689
>EGFR-F968L FRELIIEFSKM	418	>EGFR-F968L FRELIIELSKM	681	263
>EGFR-F968L KFRELIIIEF	284	>EGFR-F968L KFRELIIIEL	6132	5848
>EGFR-F968L KFRELIIIEF	18	>EGFR-F968L KFRELIIIEL	257	239
>EGFR-F968L KFRELIIIEF	124	>EGFR-F968L KFRELIIIEL	13	111
>EGFR-F968L KFRELIIIEFS	81	>EGFR-F968L KFRELIIIELS	275	194
>EGFR-F968L KFRELIIIEFSK	4	>EGFR-F968L KFRELIIIELSK	4	0
>EGFR-F968L KFRELIIIEFSK	20	>EGFR-F968L KFRELIIIELSK	122	102
>EGFR-F968L KFRELIIIEFSK	171	>EGFR-F968L KFRELIIIELSK	165	6
>EGFR-F968L KFRELIIIEF	1223	>EGFR-F968L KFRELIIIEL	363	860
>EGFR-F968L PKFRELIIIEF	8	>EGFR-F968L PKFRELIIIEL	173	165
>EGFR-G598' GVMGENNTL	113	>EGFR-G598' VVMGENNTL	104	9
>EGFR-G598' GVMGENNTL	31	>EGFR-G598' VVMGENNTL	39	8

>EGFR-G598'GVMGENNTL	48	>EGFR-G598'VVMGENNTL	85	37
>EGFR-G598'GVMGENNTL	54	>EGFR-G598'VVMGENNTL	68	14
>EGFR-G598'GVMGENNTL	431	>EGFR-G598'VVMGENNTL	167	264
>EGFR-G598'GVMGENNTL	174	>EGFR-G598'VVMGENNTL	136	38
>EGFR-G598'GVMGENNTL	238	>EGFR-G598'VVMGENNTL	81	157
>EGFR-G598'GVMGENNTL	175	>EGFR-G598'VVMGENNTL	317	142
>EGFR-G598'GVMGENNTL	289	>EGFR-G598'VVMGENNTL	344	55
>EGFR-G598'GVMGENNTL	318	>EGFR-G598'VVMGENNTL	34	284
>EGFR-G598'GVMGENNTL	594	>EGFR-G598'VVMGENNTL	158	436
>EGFR-G598'GVMGENNTL	16	>EGFR-G598'VVMGENNTL	7	9
>EGFR-G598'GVMGENNTL	128	>EGFR-G598'VVMGENNTL	84	44
>EGFR-G598'GVMGENNTL	129	>EGFR-G598'VVMGENNTL	97	32
>EGFR-G598'GVMGENNTL	1359	>EGFR-G598'VVMGENNTL	466	893
>EGFR-G598'GVMGENNTL	217	>EGFR-G598'VVMGENNTL	67	150
>EGFR-G598'GVMGENNTL	986	>EGFR-G598'VVMGENNTL	346	640
>EGFR-G598'GVMGENNTL	614	>EGFR-G598'VVMGENNTL	207	407
>EGFR-G598'GVMGENNTL	51	>EGFR-G598'VVMGENNTL	15	36
>EGFR-G598'GVMGENNTL	441	>EGFR-G598'VVMGENNTL	726	285
>EGFR-G598'AGVMGENN	8363	>EGFR-G598'AVVMGENN	339	8024
>EGFR-G598'AGVMGENN	5203	>EGFR-G598'AVVMGENN	495	4708
>EGFR-G598'AGVMGENN	10148	>EGFR-G598'AVVMGENN	128	10020
>EGFR-G598'AGVMGENN	2586	>EGFR-G598'AVVMGENN	55	2531
>EGFR-G598'AGVMGENN	5694	>EGFR-G598'AVVMGENN	20	5674
>EGFR-G598'AGVMGENN	28482	>EGFR-G598'AVVMGENN	250	28232
>EGFR-G598'AGVMGENN	12870	>EGFR-G598'AVVMGENN	494	12376
>EGFR-G598'GPHCVKTCP/	21209	>EGFR-G598'GPHCVKTCP/	292	20917
>EGFR-G598'CPAGVMGEN	289	>EGFR-G598'CPAVVMGEN	255	34
>EGFR-G598'KTCPAGVM	610	>EGFR-G598'KTCPAVVM	352	258
>EGFR-G598'KTCPAGVM	4401	>EGFR-G598'KTCPAVVM	271	4130
>EGFR-G598'KTCPAGVM	546	>EGFR-G598'KTCPAVVM	435	111
>EGFR-G598'KTCPAGVM	7	>EGFR-G598'KTCPAVVM	5	2
>EGFR-G598'KTCPAGVM	497	>EGFR-G598'KTCPAVVM	121	376
>EGFR-G598'KTCPAGVM	441	>EGFR-G598'KTCPAVVM	345	96
>EGFR-G598'KTCPAGVM	56	>EGFR-G598'KTCPAVVM	97	41
>EGFR-G598'VKTCPAGV	954	>EGFR-G598'VKTCPAVV	144	810
>EGFR-G598'VKTCPAGVM	271	>EGFR-G598'VKTCPAVVM	16	255
>EGFR-G598'VKTCPAGVM	350	>EGFR-G598'VKTCPAVVM	1220	870
>EGFR-G598'CVKTCPAG	20480	>EGFR-G598'CVKTCPAV	348	20132
>EGFR-G598'CVKTCPAGV	70	>EGFR-G598'CVKTCPAVV	222	152
>EGFR-G598'CVKTCPAGV	128	>EGFR-G598'CVKTCPAVV	573	445
>EGFR-G598'HCVKTCPAG	20003	>EGFR-G598'HCVKTCPAV	482	19521
>EGFR-G598'HCVKTCPAG\	165	>EGFR-G598'HCVKTCPAV\	352	187
>EGFR-G63R·GNLEITYV	827	>EGFR-G63R·RNLEITYV	269	558

>EGFR-G63R·GNLEITYV	181	>EGFR-G63R·RNLEITYV	89	92
>EGFR-G63R·GNLEITYV	278	>EGFR-G63R·RNLEITYV	525	247
>EGFR-G63R·GNLEITYVQR	2966	>EGFR-G63R·RNLEITYVQR	198	2768
>EGFR-G63R·GNLEITYVQR	818	>EGFR-G63R·RNLEITYVQR	37	781
>EGFR-G63R·LGNLEITYV	382	>EGFR-G63R·LRNLEITYV	2579	2197
>EGFR-G63R·LGNLEITYVQI	355	>EGFR-G63R·LRNLEITYVQI	5150	4795
>EGFR-G63R·LGNLEITY	4478	>EGFR-G63R·LRNLEITY	262	4216
>EGFR-G63R·LGNLEITYVQI	23734	>EGFR-G63R·LRNLEITYVQI	319	23415
>EGFR-G63R·LGNLEITY	176	>EGFR-G63R·LRNLEITY	4512	4336
>EGFR-G63R·RMFNNCEVV	342	>EGFR-G63R·RMFNNCEVV	1953	1611
>EGFR-G63R·RMFNNCEVV	11524	>EGFR-G63R·RMFNNCEVV	77	11447
>EGFR-G63R·RMFNNCEVV	16060	>EGFR-G63R·RMFNNCEVV	75	15985
>EGFR-G63R·RMFNNCEVV	6223	>EGFR-G63R·RMFNNCEVV	9	6214
>EGFR-G63R·RMFNNCEVV	331	>EGFR-G63R·RMFNNCEVV	295	36
>EGFR-G63R·RMFNNCEVV	32429	>EGFR-G63R·RMFNNCEVV	76	32353
>EGFR-G63R·RMFNNCEVV	900	>EGFR-G63R·RMFNNCEVV	53	847
>EGFR-G63R·RMFNNCEVV	14518	>EGFR-G63R·RMFNNCEVV	23	14495
>EGFR-G63R·VLGNLEITYV	13	>EGFR-G63R·VLRNLEITYV	34	21
>EGFR-G63R·VLGNLEITYV	23	>EGFR-G63R·VLRNLEITYV	50	27
>EGFR-G63R·VLGNLEITYV	17	>EGFR-G63R·VLRNLEITYV	20	3
>EGFR-G63R·VLGNLEITYV	122	>EGFR-G63R·VLRNLEITYV	334	212
>EGFR-G63R·VLGNLEITYV	2	>EGFR-G63R·VLRNLEITYV	4	2
>EGFR-G63R·VLGNLEITYV	4	>EGFR-G63R·VLRNLEITYV	17	13
>EGFR-G63R·VLGNLEITYV	5	>EGFR-G63R·VLRNLEITYV	11	6
>EGFR-G63R·VLGNLEITYV	3	>EGFR-G63R·VLRNLEITYV	40	37
>EGFR-G63R·VLGNLEIT	426	>EGFR-G63R·VLRNLEIT	942	516
>EGFR-G63R·VLGNLEITYV	2	>EGFR-G63R·VLRNLEITYV	2	0
>EGFR-G63R·VLGNLEITYVC	293	>EGFR-G63R·VLRNLEITYVC	676	383
>EGFR-G63R·VLGNLEITY	376	>EGFR-G63R·VLRNLEITY	720	344
>EGFR-G63R·VLGNLEITY	184	>EGFR-G63R·VLRNLEITY	225	41
>EGFR-G63R·VLGNLEITY	41	>EGFR-G63R·VLRNLEITY	428	387
>EGFR-G63R·VLGNLEITY	534	>EGFR-G63R·VLRNLEITY	181	353
>EGFR-G63R·VLGNLEITY	2132	>EGFR-G63R·VLRNLEITY	418	1714
>EGFR-G63R·VLGNLEITY	1977	>EGFR-G63R·VLRNLEITY	166	1811
>EGFR-G63R·VLGNLEITY	2098	>EGFR-G63R·VLRNLEITY	184	1914
>EGFR-G63R·VVLGNLEI	2598	>EGFR-G63R·VVLRNLEI	445	2153
>EGFR-G63R·VVLGNLEITY\	1333	>EGFR-G63R·VVLRNLEITY\	225	1108
>EGFR-G63R·VVLGNLEITY\	46	>EGFR-G63R·VVLRNLEITY\	109	63
>EGFR-G63R·VVLGNLEITY\	110	>EGFR-G63R·VVLRNLEITY\	405	295
>EGFR-G63R·VVLGNLEITY\	85	>EGFR-G63R·VVLRNLEITY\	143	58
>EGFR-G63R·VVLGNLEI	68	>EGFR-G63R·VVLRNLEI	163	95
>EGFR-G63R·VVLGNLEITY\	6	>EGFR-G63R·VVLRNLEITY\	9	3
>EGFR-G63R·VVLGNLEI	60	>EGFR-G63R·VVLRNLEI	224	164

>EGFR-G63R·VVLGNLEITY\	4	>EGFR-G63R·VVLRNLEITY\	5	1
>EGFR-G63R·VVLGNLEITY\	20	>EGFR-G63R·VVLRNLEITY\	20	0
>EGFR-G63R·VVLGNLEITY\	13	>EGFR-G63R·VVLRNLEITY\	22	9
>EGFR-G63R·VVLGNLEI	332	>EGFR-G63R·VVLRNLEI	1924	1592
>EGFR-G63R·VVLGNLEITY\	5	>EGFR-G63R·VVLRNLEITY\	9	4
>EGFR-G63R·VVLGNLEI	167	>EGFR-G63R·VVLRNLEI	1074	907
>EGFR-G63R·VVLGNLEITY\	4	>EGFR-G63R·VVLRNLEITY\	6	2
>EGFR-G63R·VVLGNLEITY	80	>EGFR-G63R·VVLRNLEITY	120	40
>EGFR-G63R·VVLGNLEI	454	>EGFR-G63R·VVLRNLEI	869	415
>EGFR-G63R·VVLGNLEITY\	317	>EGFR-G63R·VVLRNLEITY\	738	421
>EGFR-G63R·VVLGNLEITY\	142	>EGFR-G63R·VVLRNLEITY\	185	43
>EGFR-G63R·VVLGNLEITY	261	>EGFR-G63R·VVLRNLEITY	89	172
>EGFR-G63R·VVLGNLEITY	126	>EGFR-G63R·VVLRNLEITY	427	301
>EGFR-G63R·EVLGNLEITY\	189	>EGFR-G63R·EVLRNLEITY	231	42
>EGFR-G63R·EVLGNLEITY\	154	>EGFR-G63R·EVLRNLEITY	172	18
>EGFR-G63R·EVLGNLEIT	482	>EGFR-G63R·EVLRNLEIT	938	456
>EGFR-G63R·EVLGNLEITY\	7	>EGFR-G63R·EVLRNLEITY	15	8
>EGFR-G63R·EVLGNLEITY\	27	>EGFR-G63R·EVLRNLEITY	26	1
>EGFR-G63R·EVLGNLEITY\	328	>EGFR-G63R·EVLRNLEITY	762	434
>EGFR-G63R·EVLGNLEITY\	242	>EGFR-G63R·EVLRNLEITY	214	28
>EGFR-G63R·EVLGNLEI	43	>EGFR-G63R·EVLRNLEI	112	69
>EGFR-G63R·EVLGNLEI	74	>EGFR-G63R·EVLRNLEI	450	376
>EGFR-G63R·EVLGNLEITY\	33	>EGFR-G63R·EVLRNLEITY	82	49
>EGFR-G63R·CEVVLGNLEI	276	>EGFR-G63R·CEVVLRNLEI	96	180
>EGFR-G63R·CEVVLGNL	774	>EGFR-G63R·CEVVLRNL	410	364
>EGFR-G63R·CEVVLGNL	89	>EGFR-G63R·CEVVLRNL	237	148
>EGFR-G63R·CEVVLGNL	398	>EGFR-G63R·CEVVLRNL	236	162
>EGFR-G63R·CEVVLGNLEI	493	>EGFR-G63R·CEVVLRNLEI	267	226
>EGFR-G63R·CEVVLGNLEI	328	>EGFR-G63R·CEVVLRNLEI	215	113
>EGFR-G63R·CEVVLGNLEIT	643	>EGFR-G63R·CEVVLRNLEIT	309	334
>EGFR-G63R·CEVVLGNL	2202	>EGFR-G63R·CEVVLRNL	466	1736
>EGFR-G63R·NNCEVVLG	34198	>EGFR-G63R·NNCEVVLN	95	34103
>EGFR-G63R·FNNCEVVLG	33226	>EGFR-G63R·FNNCEVVLN	146	33080
>EGFR-G63R·MFNNCEVVL	12429	>EGFR-G63R·MFNNCEVVL	10	12419
>EGFR-G63R·MFNNCEVVL	7274	>EGFR-G63R·MFNNCEVVL	19	7255
>EGFR-G63R·MFNNCEVVL	23979	>EGFR-G63R·MFNNCEVVL	24	23955
>EGFR-G63R·MFNNCEVVL	29828	>EGFR-G63R·MFNNCEVVL	395	29433
>EGFR-G63R·MFNNCEVVL	25053	>EGFR-G63R·MFNNCEVVL	31	25022
>EGFR-G719,GSGAFGTVYk	46	>EGFR-G719,ASGAFGTVYk	23	23
>EGFR-G719,GSGAFGTVYk	29	>EGFR-G719,ASGAFGTVYk	13	16
>EGFR-G719,GSGAFGTVYk	711	>EGFR-G719,ASGAFGTVYk	89	622
>EGFR-G719,GSGAFGTVY	432	>EGFR-G719,ASGAFGTVY	241	191
>EGFR-G719,GSGAFGTVYk	224	>EGFR-G719,ASGAFGTVYk	94	130

>EGFR-G719, GSGAFGTVY	78	>EGFR-G719, ASGAFGTVY	61	17
>EGFR-G719, GSGAFGTVY	349	>EGFR-G719, ASGAFGTVY	45	304
>EGFR-G719, GSGAFGTVY	62	>EGFR-G719, ASGAFGTVY	17	45
>EGFR-G719, GSGAFGTVY	11	>EGFR-G719, ASGAFGTVY	22	11
>EGFR-G719, GSGAFGTVYk	337	>EGFR-G719, ASGAFGTVYk	199	138
>EGFR-G719, LGSGAFGTV	4567	>EGFR-G719, LASGAFGTV	243	4324
>EGFR-G719, LGSGAFGTV	860	>EGFR-G719, LASGAFGTV	67	793
>EGFR-G719, LGSGAFGTV	2612	>EGFR-G719, LASGAFGTV	64	2548
>EGFR-G719, LGSGAFGTVY	1260	>EGFR-G719, LASGAFGTVY	210	1050
>EGFR-G719, LGSGAFGTVY	559	>EGFR-G719, LASGAFGTVY	52	507
>EGFR-G719, LGSGAFGTVY	125	>EGFR-G719, LASGAFGTVY	82	43
>EGFR-G719, LGSGAFGTVY	1180	>EGFR-G719, LASGAFGTVY	156	1024
>EGFR-G719, LGSGAFGTVY	478	>EGFR-G719, LASGAFGTVY	248	230
>EGFR-G719, LGSGAFGTVY	931	>EGFR-G719, LASGAFGTVY	36	895
>EGFR-G719, LGSGAFGTV	2637	>EGFR-G719, LASGAFGTV	113	2524
>EGFR-G719, LGSGAFGTVY	93	>EGFR-G719, LASGAFGTVY	61	32
>EGFR-G719, LGSGAFGTVY	1516	>EGFR-G719, LASGAFGTVY	282	1234
>EGFR-G719, LGSGAFGTVY	2359	>EGFR-G719, LASGAFGTVY	41	2318
>EGFR-G719, LGSGAFGTVY	7234	>EGFR-G719, LASGAFGTVY	421	6813
>EGFR-G719, LGSGAFGTVY	94	>EGFR-G719, LASGAFGTVY	140	46
>EGFR-G719, LGSGAFGTVY	905	>EGFR-G719, LASGAFGTVY	342	563
>EGFR-G719, ETEFKKIKVLG	8873	>EGFR-G719, ETEFKKIKVLA	322	8551
>EGFR-G719, VLGSAGFGT	2098	>EGFR-G719, VLASGAFGT	298	1800
>EGFR-G719, VLGSAGFGTV	73	>EGFR-G719, VLASGAFGTV	48	25
>EGFR-G719, VLGSAGFGT	3530	>EGFR-G719, VLASGAFGT	264	3266
>EGFR-G719, VLGSAGFGTV	41	>EGFR-G719, VLASGAFGTV	20	21
>EGFR-G719, VLGSAGFGT	1992	>EGFR-G719, VLASGAFGT	87	1905
>EGFR-G719, VLGSAGFGTV	21	>EGFR-G719, VLASGAFGTV	14	7
>EGFR-G719, VLGSAGFGT	827	>EGFR-G719, VLASGAFGT	61	766
>EGFR-G719, VLGSAGFGTV	779	>EGFR-G719, VLASGAFGTV	306	473
>EGFR-G719, VLGSAGFGT	68	>EGFR-G719, VLASGAFGT	55	13
>EGFR-G719, VLGSAGFGTV	3	>EGFR-G719, VLASGAFGTV	3	0
>EGFR-G719, VLGSAGFGTV	7	>EGFR-G719, VLASGAFGTV	7	0
>EGFR-G719, VLGSAGFGT	103	>EGFR-G719, VLASGAFGT	43	60
>EGFR-G719, VLGSAGFGTV	7	>EGFR-G719, VLASGAFGTV	6	1
>EGFR-G719, VLGSAGFGT	75	>EGFR-G719, VLASGAFGT	35	40
>EGFR-G719, VLGSAGFGTV	5	>EGFR-G719, VLASGAFGTV	4	1
>EGFR-G719, VLGSAGFGT	14	>EGFR-G719, VLASGAFGT	9	5
>EGFR-G719, VLGSAGFGTV	2	>EGFR-G719, VLASGAFGTV	2	0
>EGFR-G719, VLGSAGFGTV	1160	>EGFR-G719, VLASGAFGTV	366	794
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>EGFR-G719, VLGSAGFGTV	54	>EGFR-G719, VLASGAFGTV	22	32
>EGFR-G719, VLGSAGFGTV	4138	>EGFR-G719, VLASGAFGTV	371	3767

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>EGFR-G719,VLGSGAFGTV	73	>EGFR-G719,VLASGAFGTV	55	18
>EGFR-G719,VLGSGAFGTV	87	>EGFR-G719,VLASGAFGTV	31	56
>EGFR-G719,VLGSGAFGTV	421	>EGFR-G719,VLASGAFGTV	88	333
>EGFR-G719,VLGSGAFGTV	227	>EGFR-G719,VLASGAFGTV	70	157
>EGFR-G719,VLGSGAFGTV	1223	>EGFR-G719,VLASGAFGTV	495	728
>EGFR-G719,KVLGSGAFGT	294	>EGFR-G719,KVLASGAFGT	201	93
>EGFR-G719,KVLGSGAFGT	123	>EGFR-G719,KVLASGAFGT	83	40
>EGFR-G719,KVLGSGAF	553	>EGFR-G719,KVLASGAF	427	126
>EGFR-G719,KVLGSGAFGT	9	>EGFR-G719,KVLASGAFGT	8	1
>EGFR-G719,KVLGSGAFGT	12	>EGFR-G719,KVLASGAFGT	16	4
>EGFR-G719,KVLGSGAFGT	78	>EGFR-G719,KVLASGAFGT	58	20
>EGFR-G719,KVLGSGAFGT	28	>EGFR-G719,KVLASGAFGT	35	7
>EGFR-G719,KVLGSGAFGT	176	>EGFR-G719,KVLASGAFGT	293	117
>EGFR-G719,KVLGSGAFGT	15	>EGFR-G719,KVLASGAFGT	37	22
>EGFR-G719,KVLGSGAFG	103	>EGFR-G719,KVLASGAFG	38	65
>EGFR-G719,KVLGSGAFGT	76	>EGFR-G719,KVLASGAFGT	36	40
>EGFR-G719,KVLGSGAF	32	>EGFR-G719,KVLASGAF	56	24
>EGFR-G719,KVLGSGAFGT	324	>EGFR-G719,KVLASGAFGT	154	170
>EGFR-G719,KVLGSGAF	172	>EGFR-G719,KVLASGAF	97	75
>EGFR-G719,KVLGSGAF	345	>EGFR-G719,KVLASGAF	347	2
>EGFR-G719,KVLGSGAF	165	>EGFR-G719,KVLASGAF	47	118
>EGFR-G719,KVLGSGAF	16	>EGFR-G719,KVLASGAF	14	2
>EGFR-G719,KVLGSGAF	476	>EGFR-G719,KVLASGAF	206	270
>EGFR-G719,IKVLGSGAF	9	>EGFR-G719,IKVLASGAF	10	1
>EGFR-G719,KIKVLGSGA	405	>EGFR-G719,KIKVLASGA	333	72
>EGFR-G719,KIKVLGSG	289	>EGFR-G719,KIKVLASG	132	157
>EGFR-G719,KIKVLGSGA	72	>EGFR-G719,KIKVLASGA	68	4
>EGFR-G719,KIKVLGSGAF	50	>EGFR-G719,KIKVLASGAF	44	6
>EGFR-G719,KIKVLGSGAF	63	>EGFR-G719,KIKVLASGAF	83	20
>EGFR-G719,KIKVLGSGAF	245	>EGFR-G719,KIKVLASGAF	265	20
>EGFR-G719,KIKVLGSGAF	523	>EGFR-G719,KIKVLASGAF	413	110
>EGFR-G719,KIKVLGSGAF	513	>EGFR-G719,KIKVLASGAF	440	73
>EGFR-G719,KKIKVLGSGAI	7	>EGFR-G719,KKIKVLASGAI	5	2
>EGFR-G719,TEFKKIKVLGS	696	>EGFR-G719,TEFKKIKVLAS	201	495
>EGFR-G719,TEFKKIKVLG	1065	>EGFR-G719,TEFKKIKVLA	173	892
>EGFR-G719(GSGAFGTVY	1885	>EGFR-G719(CSGAFGTVY	119	1766
>EGFR-G719(GSGAFGTVYK	46	>EGFR-G719(CSGAFGTVYK	53	7
>EGFR-G719(GSGAFGTVYK	29	>EGFR-G719(CSGAFGTVYK	42	13
>EGFR-G719(GSGAFGTVY	432	>EGFR-G719(CSGAFGTVY	349	83
>EGFR-G719(GSGAFGTVYK	224	>EGFR-G719(CSGAFGTVYK	84	140
>EGFR-G719(GSGAFGTVY	78	>EGFR-G719(CSGAFGTVY	178	100



>EGFR-G719(GSGAFGTVY	349	>EGFR-G719(CSGAFGTVY	206	143
>EGFR-G719(GSGAFGTVY	62	>EGFR-G719(CSGAFGTVY	198	136
>EGFR-G719(GSGAFGTVY	11	>EGFR-G719(CSGAFGTVY	96	85
>EGFR-G719(GSGAFGTVYK	337	>EGFR-G719(CSGAFGTVYK	1414	1077
>EGFR-G719(GSGAFGTV	2861	>EGFR-G719(CSGAFGTV	278	2583
>EGFR-G719(LGSGAFGTV	2612	>EGFR-G719(LCSGAFGTV	415	2197
>EGFR-G719(LGSGAFGTVY	125	>EGFR-G719(LCSGAFGTVY	75	50
>EGFR-G719(LGSGAFGTVY	478	>EGFR-G719(LCSGAFGTVY	317	161
>EGFR-G719(LGSGAFGTVY	93	>EGFR-G719(LCSGAFGTVY	900	807
>EGFR-G719(LGSGAFGTVY	94	>EGFR-G719(LCSGAFGTVY	612	518
>EGFR-G719(VLGSAGFGTV	73	>EGFR-G719(VLCSGAFGTV	51	22
>EGFR-G719(VLGSAGFGTV	41	>EGFR-G719(VLCSGAFGTV	48	7
>EGFR-G719(VLGSAGFGTV	21	>EGFR-G719(VLCSGAFGTV	18	3
>EGFR-G719(VLGSAGFGT	827	>EGFR-G719(VLCSGAFGT	295	532
>EGFR-G719(VLGSAGFGTV	779	>EGFR-G719(VLCSGAFGTV	324	455
>EGFR-G719(VLGSAGFGT	68	>EGFR-G719(VLCSGAFGT	74	6
>EGFR-G719(VLGSAGFGTV	3	>EGFR-G719(VLCSGAFGTV	3	0
>EGFR-G719(VLGSAGFGTV	7	>EGFR-G719(VLCSGAFGTV	42	35
>EGFR-G719(VLGSAGFGT	103	>EGFR-G719(VLCSGAFGT	590	487
>EGFR-G719(VLGSAGFGTV	7	>EGFR-G719(VLCSGAFGTV	14	7
>EGFR-G719(VLGSAGFGT	75	>EGFR-G719(VLCSGAFGT	832	757
>EGFR-G719(VLGSAGFGTV	5	>EGFR-G719(VLCSGAFGTV	20	15
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>EGFR-G719(VLGSAGFGTV	2	>EGFR-G719(VLCSGAFGTV	2	0
>EGFR-G719(VLGSAGFGTV	64	>EGFR-G719(VLCSGAFGTV	74	10
>EGFR-G719(VLGSAGFGTV	54	>EGFR-G719(VLCSGAFGTV	39	15
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>EGFR-G719(VLGSAGFGTV	87	>EGFR-G719(VLCSGAFGTV	75	12
>EGFR-G719(VLGSAGFGTV	421	>EGFR-G719(VLCSGAFGTV	209	212
>EGFR-G719(VLGSAGFGTV	227	>EGFR-G719(VLCSGAFGTV	118	109
>EGFR-G719(KVLGSGAFGT	294	>EGFR-G719(KVLCSGAFGT	245	49
>EGFR-G719(KVLGSGAFGT	123	>EGFR-G719(KVLCSGAFGT	90	33
>EGFR-G719(KVLGSGAFGT	9	>EGFR-G719(KVLCSGAFGT	9	0
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>EGFR-G719(KVLGSGAFGT	28	>EGFR-G719(KVLCSGAFGT	63	35
>EGFR-G719(KVLGSGAFGT	176	>EGFR-G719(KVLCSGAFGT	393	217
>EGFR-G719(KVLGSGAFGT	15	>EGFR-G719(KVLCSGAFGT	184	169
>EGFR-G719(KVLGSGAFG	103	>EGFR-G719(KVLCSGAFG	65	38
>EGFR-G719(KVLGSGAFGT	76	>EGFR-G719(KVLCSGAFGT	54	22
>EGFR-G719(KVLGSGAF	32	>EGFR-G719(KVLCSGAF	71	39
>EGFR-G719(KVLGSGAFGT	324	>EGFR-G719(KVLCSGAFGT	118	206

>EGFR-G719IKVLGSGAF	172	>EGFR-G719(KVLCSGAF	128	44
>EGFR-G719(KVLGSGAF	345	>EGFR-G719(KVLCSGAF	1191	846
>EGFR-G719IKVLGSGAF	165	>EGFR-G719(KVLCSGAF	37	128
>EGFR-G719(KVLGSGAF	16	>EGFR-G719(KVLCSGAF	31	15
>EGFR-G719IKVLGSGAF	763	>EGFR-G719(KVLCSGAF	436	327
>EGFR-G719(KVLGSGAF	476	>EGFR-G719(KVLCSGAF	1562	1086
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>EGFR-G719(KIKVLGSG	289	>EGFR-G719(KIKVLCSG	175	114
>EGFR-G719(KIKVLGSGA	72	>EGFR-G719(KIKVLCSGA	163	91
>EGFR-G719(KIKVLGSGAF	50	>EGFR-G719(KIKVLCSGAF	68	18
>EGFR-G719(KIKVLGSGAF	63	>EGFR-G719(KIKVLCSGAF	77	14
>EGFR-G719(KIKVLGSGAF	245	>EGFR-G719(KIKVLCSGAF	254	9
>EGFR-G719(KIKVLGSGAF	513	>EGFR-G719(KIKVLCSGAF	357	156
>EGFR-G719(KKIKVLGSGA	7	>EGFR-G719(KKIKVLCSGA	5	2
>EGFR-G719(TEFKKIKVLGS	696	>EGFR-G719(TEFKKIKVLCS	349	347
>EGFR-G719IGSGAFGTVYK	46	>EGFR-G719IDSGAFGTVYK	282	236
>EGFR-G719IGSGAFGTVYK	29	>EGFR-G719IDSGAFGTVYK	164	135
>EGFR-G719IGSGAFGTVY	432	>EGFR-G719IDSGAFGTVY	1645	1213
>EGFR-G719IGSGAFGTVYK	224	>EGFR-G719IDSGAFGTVYK	33	191
>EGFR-G719IGSGAFGTV	9629	>EGFR-G719IDSGAFGTV	441	9188
>EGFR-G719IGSGAFGTVY	78	>EGFR-G719IDSGAFGTVY	1257	1179
>EGFR-G719IGSGAFGTVY	349	>EGFR-G719IDSGAFGTVY	2257	1908
>EGFR-G719IGSGAFGTVY	62	>EGFR-G719IDSGAFGTVY	1597	1535
>EGFR-G719IGSGAFGTVY	11	>EGFR-G719IDSGAFGTVY	288	277
>EGFR-G719IGSGAFGTVYK	337	>EGFR-G719IDSGAFGTVYK	1981	1644
>EGFR-G719ILGSGAFGTVY	125	>EGFR-G719ILDGSAFGTVY	318	193
>EGFR-G719ILGSGAFGTVY	478	>EGFR-G719ILDGSAFGTVY	1766	1288
>EGFR-G719ILGSGAFGTVY	93	>EGFR-G719ILDGSAFGTVY	452	359
>EGFR-G719ILGSGAFGTVY	94	>EGFR-G719ILDGSAFGTVY	1129	1035
>EGFR-G719ILGSGAFGTV	8675	>EGFR-G719ILDGSAFGTV	75	8600
>EGFR-G719IVLGSAGFGTV	6869	>EGFR-G719IVLDGSAFGTV	50	6819
>EGFR-G719IVLGSAGFGT	2098	>EGFR-G719IVLDGSAFGT	485	1613
>EGFR-G719IVLGSAGFGTV	73	>EGFR-G719IVLDGSAFGTV	54	19
>EGFR-G719IVLGSAGFGTV	41	>EGFR-G719IVLDGSAFGTV	56	15
>EGFR-G719IVLGSAGFGTV	21	>EGFR-G719IVLDGSAFGTV	30	9
>EGFR-G719IVLGSAGFGT	827	>EGFR-G719IVLDGSAFGT	115	712
>EGFR-G719IVLGSAGFGTV	779	>EGFR-G719IVLDGSAFGTV	418	361
>EGFR-G719IVLGSAGFGT	68	>EGFR-G719IVLDGSAFGT	25	43
>EGFR-G719IVLGSAGFGTV	3	>EGFR-G719IVLDGSAFGTV	2	1
>EGFR-G719IVLGSAGFGT	505	>EGFR-G719IVLDGSAFGT	199	306
>EGFR-G719IVLGSAGFGTV	7	>EGFR-G719IVLDGSAFGTV	5	2
>EGFR-G719IVLGSAGFGT	103	>EGFR-G719IVLDGSAFGT	44	59

>EGFR-G719I VLGSGAFGTV	7	>EGFR-G719I VLDSGAFGTV	5	2
>EGFR-G719I VLGSGAFGT	75	>EGFR-G719I VLDSGAFGT	57	18
>EGFR-G719I VLGSGAFGTV	5	>EGFR-G719I VLDSGAFGTV	4	1
>EGFR-G719I VLGSGAFGT	14	>EGFR-G719I VLDSGAFGT	20	6
>EGFR-G719I VLGSGAFGTV	2	>EGFR-G719I VLDSGAFGTV	2	0
>EGFR-G719I VLGSGAFGTV	64	>EGFR-G719I VLDSGAFGTV	299	235
>EGFR-G719I VLGSGAFGTV	54	>EGFR-G719I VLDSGAFGTV	113	59
>EGFR-G719I VLGSGAFGTV	26	>EGFR-G719I VLDSGAFGTV	76	50
>EGFR-G719I VLGSGAFGTV	73	>EGFR-G719I VLDSGAFGTV	462	389
>EGFR-G719I VLGSGAFGTV	87	>EGFR-G719I VLDSGAFGTV	111	24
>EGFR-G719I VLGSGAFGTV	421	>EGFR-G719I VLDSGAFGTV	1531	1110
>EGFR-G719I VLGSGAFGTV	227	>EGFR-G719I VLDSGAFGTV	201	26
>EGFR-G719I VLGSGAFGTV	1223	>EGFR-G719I VLDSGAFGTV	384	839
>EGFR-G719I KVLGSGAFGT	294	>EGFR-G719I KVLDSGAFGT	102	192
>EGFR-G719I KVLGSGAFGT	668	>EGFR-G719I KVLDSGAFGT	465	203
>EGFR-G719I KVLGSGAFGT	123	>EGFR-G719I KVLDSGAFGT	53	70
>EGFR-G719I KVLGSGAF	553	>EGFR-G719I KVLDSGAF	207	346
>EGFR-G719I KVLGSGAFGT	602	>EGFR-G719I KVLDSGAFGT	476	126
>EGFR-G719I KVLGSGAFGT	9	>EGFR-G719I KVLDSGAFGT	6	3
>EGFR-G719I KVLGSGAFGT	12	>EGFR-G719I KVLDSGAFGT	8	4
>EGFR-G719I KVLGSGAFGT	78	>EGFR-G719I KVLDSGAFGT	19	59
>EGFR-G719I KVLGSGAFGT	28	>EGFR-G719I KVLDSGAFGT	19	9
>EGFR-G719I KVLGSGAFGT	176	>EGFR-G719I KVLDSGAFGT	72	104
>EGFR-G719I KVLGSGAFGT	15	>EGFR-G719I KVLDSGAFGT	9	6
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>EGFR-G719I KVLGSGAFGT	76	>EGFR-G719I KVLDSGAFGT	67	9
>EGFR-G719I KVLGSGAF	32	>EGFR-G719I KVLDSGAF	83	51
>EGFR-G719I KVLGSGAFGT	324	>EGFR-G719I KVLDSGAFGT	90	234
>EGFR-G719I KVLGSGAF	172	>EGFR-G719I KVLDSGAF	153	19
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>EGFR-G719I KVLGSGAF	165	>EGFR-G719I KVLDSGAF	98	67
>EGFR-G719I KVLGSGAF	16	>EGFR-G719I KVLDSGAF	20	4
>EGFR-G719I KVLGSGAF	476	>EGFR-G719I KVLDSGAF	947	471
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>EGFR-G719I KIKVLGSGA	405	>EGFR-G719I KIKVLDSGA	1748	1343
>EGFR-G719I KIKVLGSG	289	>EGFR-G719I KIKVLDSG	1524	1235
>EGFR-G719I KIKVLGSGA	72	>EGFR-G719I KIKVLDSGA	220	148
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>EGFR-G719I KIKVLGSGAF	63	>EGFR-G719I KIKVLDSGAF	90	27
>EGFR-G719I KIKVLGSGAF	245	>EGFR-G719I KIKVLDSGAF	475	230
>EGFR-G719I KKIKVLGSGAI	7	>EGFR-G719I KKIKVLDSGAI	6	1
>EGFR-G719I GSGAFGTVYK	46	>EGFR-G719I SSGAFGTVYK	27	19
>EGFR-G719I GSGAFGTVYK	29	>EGFR-G719I SSGAFGTVYK	12	17

>EGFR-G719!GSGAFGTVYK	711	>EGFR-G719!SSGAFGTVYK	141	570
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>EGFR-G719!GSGAFGTVYK	224	>EGFR-G719!SSGAFGTVYK	33	191
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>EGFR-G719!GSGAFGTVYK	337	>EGFR-G719!SSGAFGTVYK	232	105
>EGFR-G719!LGSGAFGTVY	4564	>EGFR-G719!LSSGAFGTVY	125	4439
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>EGFR-G719!LGSGAFGTVY	1260	>EGFR-G719!LSSGAFGTVY	91	1169
>EGFR-G719!LGSGAFGTVY	25307	>EGFR-G719!LSSGAFGTVY	300	25007
>EGFR-G719!LGSGAFGTVY	559	>EGFR-G719!LSSGAFGTVY	19	540
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>EGFR-G719!LGSGAFGTVY	478	>EGFR-G719!LSSGAFGTVY	63	415
>EGFR-G719!LGSGAFGTVY	931	>EGFR-G719!LSSGAFGTVY	43	888
>EGFR-G719!LGSGAFGTV	2637	>EGFR-G719!LSSGAFGTV	134	2503
>EGFR-G719!LGSGAFGTVY	93	>EGFR-G719!LSSGAFGTVY	44	49
>EGFR-G719!LGSGAFGTVY	1516	>EGFR-G719!LSSGAFGTVY	147	1369
>EGFR-G719!LGSGAFGTVY	2359	>EGFR-G719!LSSGAFGTVY	8	2351
>EGFR-G719!LGSGAFGTVY	11130	>EGFR-G719!LSSGAFGTVY	498	10632
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>EGFR-G719!LGSGAFGTV	8938	>EGFR-G719!LSSGAFGTV	316	8622
>EGFR-G719!LGSGAFGTV	2426	>EGFR-G719!LSSGAFGTV	206	2220
>EGFR-G719!LGSGAFGTVY	94	>EGFR-G719!LSSGAFGTVY	23	71
>EGFR-G719!LGSGAFGTVY	2476	>EGFR-G719!LSSGAFGTVY	378	2098
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>EGFR-G719!VLGSGAFGTV	41	>EGFR-G719!VLSSGAFGTV	20	21
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>EGFR-G719!VLGSGAFGT	103	>EGFR-G719!VLSSGAFGT	117	14
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>EGFR-G719!VLGSGAFGTV	73	>EGFR-G719!VLSSGAFGTV	64	9
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>EGFR-G719!KVLGSGAFGT	294	>EGFR-G719!KVLSSGAFGT	238	56
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>EGFR-G719!KVLGSGAFGT	176	>EGFR-G719!KVLSSGAFGT	250	74
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>EGFR-G719!KVLGSGAFG	103	>EGFR-G719!KVLSSGAFG	71	32
>EGFR-G719!KVLGSGAFGT	76	>EGFR-G719!KVLSSGAFGT	59	17
>EGFR-G719!KVLGSGAF	32	>EGFR-G719!KVLSSGAF	73	41
>EGFR-G719!KVLGSGAFGT	324	>EGFR-G719!KVLSSGAFGT	176	148
>EGFR-G719!KVLGSGAF	172	>EGFR-G719!KVLSSGAF	110	62
>EGFR-G719!KVLGSGAF	345	>EGFR-G719!KVLSSGAF	542	197
>EGFR-G719!KVLGSGAF	165	>EGFR-G719!KVLSSGAF	25	140
>EGFR-G719!KVLGSGAF	16	>EGFR-G719!KVLSSGAF	14	2
>EGFR-G719!KVLGSGAF	476	>EGFR-G719!KVLSSGAF	383	93
>EGFR-G719!KVLGSGAFGT	709	>EGFR-G719!KVLSSGAFGT	303	406
>EGFR-G719!IKVLGSGAF	9	>EGFR-G719!IKVLSSGAF	5	4
>EGFR-G719!KIKVLGSGA	405	>EGFR-G719!KIKVLSSGA	183	222
>EGFR-G719!KIKVLGSG	289	>EGFR-G719!KIKVLSSG	126	163
>EGFR-G719!KIKVLGSGA	72	>EGFR-G719!KIKVLSSGA	20	52
>EGFR-G719!KIKVLGSGAF	903	>EGFR-G719!KIKVLSSGAF	320	583
>EGFR-G719!KIKVLGSGAF	50	>EGFR-G719!KIKVLSSGAF	26	24
>EGFR-G719!KIKVLGSGAF	63	>EGFR-G719!KIKVLSSGAF	49	14
>EGFR-G719!KIKVLGSGAF	245	>EGFR-G719!KIKVLSSGAF	143	102
>EGFR-G719!KIKVLGSGAF	523	>EGFR-G719!KIKVLSSGAF	271	252
>EGFR-G719!KIKVLGSGAF	513	>EGFR-G719!KIKVLSSGAF	419	94
>EGFR-G719!KKIKVLGSGA	700	>EGFR-G719!KKIKVLSSGA	331	369
>EGFR-G719!KKIKVLGSGA	7	>EGFR-G719!KKIKVLSSGAF	4	3
>EGFR-G719!TEFKKIKVLGS	696	>EGFR-G719!TEFKKIKVLSS	222	474
>EGFR-G719!GSGAFGTV	9672	>EGFR-G719!VSGAFGTV	341	9331
>EGFR-G719!GSGAFGTVYK	46	>EGFR-G719!VSGAFGTVYK	41	5
>EGFR-G719!GSGAFGTVYK	29	>EGFR-G719!VSGAFGTVYK	25	4

>EGFR-G719\GSGAFGTVY	432	>EGFR-G719\VSGAFGTVY	150	282
>EGFR-G719\GSGAFGTVYk	224	>EGFR-G719\VSGAFGTVYk	142	82
>EGFR-G719\GSGAFGTVY	3452	>EGFR-G719\VSGAFGTVY	174	3278
>EGFR-G719\GSGAFGTVY	78	>EGFR-G719\VSGAFGTVY	67	11
>EGFR-G719\GSGAFGTVY	349	>EGFR-G719\VSGAFGTVY	77	272
>EGFR-G719\GSGAFGTVY	62	>EGFR-G719\VSGAFGTVY	16	46
>EGFR-G719\GSGAFGTVY	11	>EGFR-G719\VSGAFGTVY	16	5
>EGFR-G719\GSGAFGTVYk	337	>EGFR-G719\VSGAFGTVYk	1241	904
>EGFR-G719\LGSGAFGTV	2394	>EGFR-G719\LVSGAFGTV	111	2283
>EGFR-G719\LGSGAFGTV	4567	>EGFR-G719\LVSGAFGTV	27	4540
>EGFR-G719\LGSGAFGT	11406	>EGFR-G719\LVSGAFGT	348	11058
>EGFR-G719\LGSGAFGTV	860	>EGFR-G719\LVSGAFGTV	18	842
>EGFR-G719\LGSGAFGTV	6747	>EGFR-G719\LVSGAFGTV	154	6593
>EGFR-G719\LGSGAFGTV	8616	>EGFR-G719\LVSGAFGTV	444	8172
>EGFR-G719\LGSGAFGTV	2612	>EGFR-G719\LVSGAFGTV	8	2604
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>EGFR-G719\LGSGAFGTVY	25307	>EGFR-G719\LVSGAFGTVY	362	24945
>EGFR-G719\LGSGAFGTVY	559	>EGFR-G719\LVSGAFGTVY	18	541
>EGFR-G719\LGSGAFGTVY	125	>EGFR-G719\LVSGAFGTVY	55	70
>EGFR-G719\LGSGAFGTVY	1180	>EGFR-G719\LVSGAFGTVY	44	1136
>EGFR-G719\LGSGAFGTVY	478	>EGFR-G719\LVSGAFGTVY	231	247
>EGFR-G719\LGSGAFGTVY	931	>EGFR-G719\LVSGAFGTVY	28	903
>EGFR-G719\LGSGAFGTV	2637	>EGFR-G719\LVSGAFGTV	24	2613
>EGFR-G719\LGSGAFGTV	9156	>EGFR-G719\LVSGAFGTV	492	8664
>EGFR-G719\LGSGAFGTVY	93	>EGFR-G719\LVSGAFGTVY	49	44
>EGFR-G719\LGSGAFGTVY	1015	>EGFR-G719\LVSGAFGTVY	363	652
>EGFR-G719\LGSGAFGTVY	94	>EGFR-G719\LVSGAFGTVY	104	10
>EGFR-G719\LGSGAFGTVY	905	>EGFR-G719\LVSGAFGTVY	163	742
>EGFR-G719\ETEFKKIKVLG	8873	>EGFR-G719\ETEFKKIKVLV	34	8839
>EGFR-G719\ETEFKKIKVLG	18748	>EGFR-G719\ETEFKKIKVLV	266	18482
>EGFR-G719\VLGSGAFGTV	73	>EGFR-G719\VLVSGAFGTV	64	9
>EGFR-G719\VLGSGAFGTV	41	>EGFR-G719\VLVSGAFGTV	44	3
>EGFR-G719\VLGSGAFGT	1992	>EGFR-G719\VLVSGAFGT	339	1653
>EGFR-G719\VLGSGAFGTV	21	>EGFR-G719\VLVSGAFGTV	16	5
>EGFR-G719\VLGSGAFGT	827	>EGFR-G719\VLVSGAFGT	52	775
>EGFR-G719\VLGSGAFGTV	779	>EGFR-G719\VLVSGAFGTV	161	618
>EGFR-G719\VLGSGAFGT	68	>EGFR-G719\VLVSGAFGT	75	7
>EGFR-G719\VLGSGAFGTV	3	>EGFR-G719\VLVSGAFGTV	3	0
>EGFR-G719\VLGSGAFGTV	7	>EGFR-G719\VLVSGAFGTV	7	0
>EGFR-G719\VLGSGAFGT	103	>EGFR-G719\VLVSGAFGT	218	115
>EGFR-G719\VLGSGAFGTV	7	>EGFR-G719\VLVSGAFGTV	8	1
>EGFR-G719\VLGSGAFGT	75	>EGFR-G719\VLVSGAFGT	411	336
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>EGFR-G719\VLGSGAFGT	14	>EGFR-G719\VLVSGAFGT	13	1
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>EGFR-G719\VLGSGAFGTV	87	>EGFR-G719\VLVSGAFGTV	53	34
>EGFR-G719\VLGSGAFGTV	421	>EGFR-G719\VLVSGAFGTV	74	347
>EGFR-G719\VLGSGAFGTV	3111	>EGFR-G719\VLVSGAFGTV	189	2922
>EGFR-G719\VLGSGAFGTV	227	>EGFR-G719\VLVSGAFGTV	70	157
>EGFR-G719\KVLGSGAFGT	294	>EGFR-G719\KVLVSGAFGT	768	474
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>EGFR-G719\KVLGSGAFGT	78	>EGFR-G719\KVLVSGAFGT	112	34
>EGFR-G719\KVLGSGAFGT	28	>EGFR-G719\KVLVSGAFGT	63	35
>EGFR-G719\KVLGSGAFGT	176	>EGFR-G719\KVLVSGAFGT	493	317
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>EGFR-G719\KVLGSGAF	32	>EGFR-G719\KVLVSGAF	90	58
>EGFR-G719\KVLGSGAFGT	324	>EGFR-G719\KVLVSGAFGT	393	69
>EGFR-G719\KVLGSGAF	172	>EGFR-G719\KVLVSGAF	217	45
>EGFR-G719\KVLGSGAF	345	>EGFR-G719\KVLVSGAF	825	480
>EGFR-G719\KVLGSGAF	165	>EGFR-G719\KVLVSGAF	75	90
>EGFR-G719\KVLGSGAF	16	>EGFR-G719\KVLVSGAF	21	5
>EGFR-G719\KVLGSGAF	476	>EGFR-G719\KVLVSGAF	274	202
>EGFR-G719\IKVLGSGAF	9	>EGFR-G719\IKVLVSGAF	15	6
>EGFR-G719\KIKVLGSGA	405	>EGFR-G719\KIKVLVSGA	45	360
>EGFR-G719\KIKVLGSG	289	>EGFR-G719\KIKVLVSG	164	125
>EGFR-G719\KIKVLGSGA	72	>EGFR-G719\KIKVLVSGA	49	23
>EGFR-G719\KIKVLGSGAF	50	>EGFR-G719\KIKVLVSGAF	39	11
>EGFR-G719\KIKVLGSGAF	1315	>EGFR-G719\KIKVLVSGAF	332	983
>EGFR-G719\KIKVLGSGAF	63	>EGFR-G719\KIKVLVSGAF	64	1
>EGFR-G719\KIKVLGSGAF	245	>EGFR-G719\KIKVLVSGAF	270	25
>EGFR-G719\KKIKVLGSGA	700	>EGFR-G719\KKIKVLVSGA	348	352
>EGFR-G719\KKIKVLGSGAI	7	>EGFR-G719\KKIKVLVSGAI	5	2
>EGFR-G719\FKKIKVLG	12089	>EGFR-G719\FKKIKVLV	474	11615
>EGFR-G719\TEFKKIKVLG	3705	>EGFR-G719\TEFKKIKVLV	15	3690
>EGFR-G719\TEFKKIKVLG	1132	>EGFR-G719\TEFKKIKVLV	233	899
>EGFR-G719\TEFKKIKVLGS	696	>EGFR-G719\TEFKKIKVLVS	308	388
>EGFR-G719\TEFKKIKVLG	26865	>EGFR-G719\TEFKKIKVLV	266	26599
>EGFR-G721\GAFGTVYKGI	372	>EGFR-G721\AAFGTVYKGI	228	144

>EGFR-G721, GAFGTVYK	122	>EGFR-G721, AAFGTVYK	84	38
>EGFR-G721, GAFGTVYK	9	>EGFR-G721, AAFGTVYK	9	0
>EGFR-G721, GAFGTVYK	98	>EGFR-G721, AAFGTVYK	16	82
>EGFR-G721, GAFGTVYK	222	>EGFR-G721, AAFGTVYK	114	108
>EGFR-G721, GAFGTVYK	23	>EGFR-G721, AAFGTVYK	22	1
>EGFR-G721, GAFGTVYKGL	158	>EGFR-G721, AAFGTVYKGL	42	116
>EGFR-G721, GAFGTVYKGL	38	>EGFR-G721, AAFGTVYKGL	13	25
>EGFR-G721, GAFGTVYKGL	456	>EGFR-G721, AAFGTVYKGL	311	145
>EGFR-G721, GAFGTVYKGL	46	>EGFR-G721, AAFGTVYKGL	49	3
>EGFR-G721, GAFGTVYKGL	34	>EGFR-G721, AAFGTVYKGL	26	8
>EGFR-G721, GAFGTVYKGL	279	>EGFR-G721, AAFGTVYKGL	773	494
>EGFR-G721, GAFGTVYKGL	603	>EGFR-G721, AAFGTVYKGL	278	325
>EGFR-G721, GAFGTVYKGL	33	>EGFR-G721, AAFGTVYKGL	34	1
>EGFR-G721, GAFGTVYK	150	>EGFR-G721, AAFGTVYK	102	48
>EGFR-G721, SGAFGTVYK	527	>EGFR-G721, SAAFGTVYK	93	434
>EGFR-G721, SGAFGTVYK	49	>EGFR-G721, SAAFGTVYK	12	37
>EGFR-G721, SGAFGTVY	580	>EGFR-G721, SAAFGTVY	146	434
>EGFR-G721, SGAFGTVYK	798	>EGFR-G721, SAAFGTVYK	91	707
>EGFR-G721, SGAFGTVY	87	>EGFR-G721, SAAFGTVY	77	10
>EGFR-G721, SGAFGTVYK	3142	>EGFR-G721, SAAFGTVYK	357	2785
>EGFR-G721, SGAFGTVYK	178	>EGFR-G721, SAAFGTVYK	9	169
>EGFR-G721, SGAFGTVYKC	1872	>EGFR-G721, SAAFGTVYKC	116	1756
>EGFR-G721, SGAFGTVYKC	5911	>EGFR-G721, SAAFGTVYKC	441	5470
>EGFR-G721, SGAFGTVY	188	>EGFR-G721, SAAFGTVY	97	91
>EGFR-G721, SGAFGTVY	460	>EGFR-G721, SAAFGTVY	507	47
>EGFR-G721, SGAFGTVY	2717	>EGFR-G721, SAAFGTVY	458	2259
>EGFR-G721, SGAFGTVY	2532	>EGFR-G721, SAAFGTVY	77	2455
>EGFR-G721, SGAFGTVY	520	>EGFR-G721, SAAFGTVY	51	469
>EGFR-G721, SGAFGTVYK	342	>EGFR-G721, SAAFGTVYK	149	193
>EGFR-G721, GSGAFGTVYK	46	>EGFR-G721, GSAAFGTVYK	31	15
>EGFR-G721, GSGAFGTVYK	29	>EGFR-G721, GSAAFGTVYK	12	17
>EGFR-G721, GSGAFGTVY	827	>EGFR-G721, GSAAFGTVY	254	573
>EGFR-G721, GSGAFGTVYK	711	>EGFR-G721, GSAAFGTVYK	336	375
>EGFR-G721, GSGAFGTVY	432	>EGFR-G721, GSAAFGTVY	117	315
>EGFR-G721, GSGAFGTVYK	224	>EGFR-G721, GSAAFGTVYK	17	207
>EGFR-G721, GSGAFGTVY	78	>EGFR-G721, GSAAFGTVY	60	18
>EGFR-G721, GSGAFGTVY	1561	>EGFR-G721, GSAAFGTVY	453	1108
>EGFR-G721, GSGAFGTVY	349	>EGFR-G721, GSAAFGTVY	68	281
>EGFR-G721, GSGAFGTVY	62	>EGFR-G721, GSAAFGTVY	11	51
>EGFR-G721, GSGAFGTVY	11	>EGFR-G721, GSAAFGTVY	5	6
>EGFR-G721, GSGAFGTVYK	337	>EGFR-G721, GSAAFGTVYK	134	203
>EGFR-G721, LGSGAFGTVY	559	>EGFR-G721, LGSAAFGTVY	326	233
>EGFR-G721, LGSGAFGTVY	125	>EGFR-G721, LGSAAFGTVY	150	25



>EGFR-G721/LGSGAFGTVY	478	>EGFR-G721/LGSAAFGTVY	640	162
>EGFR-G721/LGSGAFGTVY	93	>EGFR-G721/LGSAAFGTVY	79	14
>EGFR-G721/LGSGAFGTVY	94	>EGFR-G721/LGSAAFGTVY	89	5
>EGFR-G721/LGSGAFGTVY	905	>EGFR-G721/LGSAAFGTVY	237	668
>EGFR-G721/VLGSAGFGTV	73	>EGFR-G721/VLGSAAFAGTV	85	12
>EGFR-G721/VLGSAGFGTV	41	>EGFR-G721/VLGSAAFAGTV	52	11
>EGFR-G721/VLGSAGFGTV	21	>EGFR-G721/VLGSAAFAGTV	22	1
>EGFR-G721/VLGSAGFGT	68	>EGFR-G721/VLGSAAFAGT	128	60
>EGFR-G721/VLGSAGFGTV	3	>EGFR-G721/VLGSAAFAGTV	3	0
>EGFR-G721/VLGSAGFGTV	7	>EGFR-G721/VLGSAAFAGTV	7	0
>EGFR-G721/VLGSAGFGT	103	>EGFR-G721/VLGSAAFAGT	118	15
>EGFR-G721/VLGSAGFGTV	7	>EGFR-G721/VLGSAAFAGTV	8	1
>EGFR-G721/VLGSAGFGT	75	>EGFR-G721/VLGSAAFAGT	65	10
>EGFR-G721/VLGSAGFGTV	5	>EGFR-G721/VLGSAAFAGTV	5	0
>EGFR-G721/VLGSAGFGT	14	>EGFR-G721/VLGSAAFAGT	29	15
>EGFR-G721/VLGSAGFGTV	2	>EGFR-G721/VLGSAAFAGTV	2	0
>EGFR-G721/VLGSAGFGTV	64	>EGFR-G721/VLGSAAFAGTV	113	49
>EGFR-G721/VLGSAGFGTV	54	>EGFR-G721/VLGSAAFAGTV	74	20
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>EGFR-G721/VLGSAGFGTV	73	>EGFR-G721/VLGSAAFAGTV	70	3
>EGFR-G721/VLGSAGFGTV	87	>EGFR-G721/VLGSAAFAGTV	166	79
>EGFR-G721/VLGSAGFGTV	421	>EGFR-G721/VLGSAAFAGTV	318	103
>EGFR-G721/VLGSAGFGTV	227	>EGFR-G721/VLGSAAFAGTV	323	96
>EGFR-G721/KVLGSAGFGT	294	>EGFR-G721/KVLGSAAFAGT	210	84
>EGFR-G721/KVLGSAGFGT	123	>EGFR-G721/KVLGSAAFAGT	101	22
>EGFR-G721/KVLGSAGF	553	>EGFR-G721/KVLGSAAF	117	436
>EGFR-G721/KVLGSAGFGT	602	>EGFR-G721/KVLGSAAFAGT	342	260
>EGFR-G721/KVLGSAGFGT	9	>EGFR-G721/KVLGSAAFAGT	7	2
>EGFR-G721/KVLGSAGFGT	12	>EGFR-G721/KVLGSAAFAGT	14	2
>EGFR-G721/KVLGSAGFGT	78	>EGFR-G721/KVLGSAAFAGT	66	12
>EGFR-G721/KVLGSAGFGT	28	>EGFR-G721/KVLGSAAFAGT	30	2
>EGFR-G721/KVLGSAGFGT	176	>EGFR-G721/KVLGSAAFAGT	106	70
>EGFR-G721/KVLGSAGFGT	15	>EGFR-G721/KVLGSAAFAGT	17	2
>EGFR-G721/KVLGSAGF	540	>EGFR-G721/KVLGSAAF	333	207
>EGFR-G721/KVLGSAGFG	103	>EGFR-G721/KVLGSAAFAG	95	8
>EGFR-G721/KVLGSAGFGT	76	>EGFR-G721/KVLGSAAFAGT	63	13
>EGFR-G721/KVLGSAGF	32	>EGFR-G721/KVLGSAAF	10	22
>EGFR-G721/KVLGSAGFGT	807	>EGFR-G721/KVLGSAAFAGT	471	336
>EGFR-G721/KVLGSAGFGT	324	>EGFR-G721/KVLGSAAFAGT	137	187
>EGFR-G721/KVLGSAGF	172	>EGFR-G721/KVLGSAAF	167	5
>EGFR-G721/KVLGSAGF	345	>EGFR-G721/KVLGSAAF	680	335
>EGFR-G721/KVLGSAGF	165	>EGFR-G721/KVLGSAAF	55	110
>EGFR-G721/KVLGSAGF	16	>EGFR-G721/KVLGSAAF	7	9

>EGFR-G721/KVLGSGAF	763	>EGFR-G721/KVLGSAAF	354	409
>EGFR-G721/KVLGSGAF	476	>EGFR-G721/KVLGSAAF	85	391
>EGFR-G721/IKVLGSGA	1624	>EGFR-G721/IKVLGSAA	234	1390
>EGFR-G721/IKVLGSGAF	9	>EGFR-G721/IKVLGSAAF	4	5
>EGFR-G721/KIKVLGSG	13022	>EGFR-G721/KIKVLGSA	278	12744
>EGFR-G721/KIKVLGSGA	405	>EGFR-G721/KIKVLGSAA	440	35
>EGFR-G721/KIKVLGSG	289	>EGFR-G721/KIKVLGSA	21	268
>EGFR-G721/KIKVLGSGA	72	>EGFR-G721/KIKVLGSAA	26	46
>EGFR-G721/KIKVLGSGAF	903	>EGFR-G721/KIKVLGSAAF	334	569
>EGFR-G721/KIKVLGSGAF	50	>EGFR-G721/KIKVLGSAAF	41	9
>EGFR-G721/KIKVLGSGAF	1315	>EGFR-G721/KIKVLGSAAF	238	1077
>EGFR-G721/KIKVLGSGAF	63	>EGFR-G721/KIKVLGSAAF	45	18
>EGFR-G721/KIKVLGSGAF	245	>EGFR-G721/KIKVLGSAAF	50	195
>EGFR-G721/KIKVLGSGAF	523	>EGFR-G721/KIKVLGSAAF	206	317
>EGFR-G721/KKIKVLGSGA	700	>EGFR-G721/KKIKVLGSAA	183	517
>EGFR-G721/KKIKVLGSGAI	7	>EGFR-G721/KKIKVLGSAAI	4	3
>EGFR-G721/FKKIKVLGSGA/	1311	>EGFR-G721/FKKIKVLGSA/	228	1083
>EGFR-G721/GAFGTVYKGL	372	>EGFR-G721/DAFGTVYKGL	5562	5190
>EGFR-G721/GAFGTVYK	122	>EGFR-G721/DAFGTVYK	3611	3489
>EGFR-G721/GAFGTVYK	9	>EGFR-G721/DAFGTVYK	208	199
>EGFR-G721/GAFGTVYK	98	>EGFR-G721/DAFGTVYK	3099	3001
>EGFR-G721/GAFGTVYK	222	>EGFR-G721/DAFGTVYK	3139	2917
>EGFR-G721/GAFGTVYK	7304	>EGFR-G721/DAFGTVYK	76	7228
>EGFR-G721/GAFGTVYK	23	>EGFR-G721/DAFGTVYK	3	20
>EGFR-G721/GAFGTVYKGL	11016	>EGFR-G721/DAFGTVYKGL	481	10535
>EGFR-G721/GAFGTVYKGL	158	>EGFR-G721/DAFGTVYKGL	2512	2354
>EGFR-G721/GAFGTVYKGL	38	>EGFR-G721/DAFGTVYKGL	936	898
>EGFR-G721/GAFGTVYKGL	456	>EGFR-G721/DAFGTVYKGL	694	238
>EGFR-G721/GAFGTVYKGL	46	>EGFR-G721/DAFGTVYKGL	125	79
>EGFR-G721/GAFGTVYKGL	34	>EGFR-G721/DAFGTVYKGL	438	404
>EGFR-G721/GAFGTVYKGL	279	>EGFR-G721/DAFGTVYKGL	7323	7044
>EGFR-G721/GAFGTVYKGL	603	>EGFR-G721/DAFGTVYKGL	349	254
>EGFR-G721/GAFGTVYKGL	33	>EGFR-G721/DAFGTVYKGL	167	134
>EGFR-G721/GAFGTVYK	150	>EGFR-G721/DAFGTVYK	744	594
>EGFR-G721/SGAFGTVYK	49	>EGFR-G721/SDAFGTVYK	821	772
>EGFR-G721/SGAFGTVY	87	>EGFR-G721/SDAFGTVY	1210	1123
>EGFR-G721/SGAFGTVYK	178	>EGFR-G721/SDAFGTVYK	446	268
>EGFR-G721/SGAFGTVY	188	>EGFR-G721/SDAFGTVY	1652	1464
>EGFR-G721/SGAFGTVY	460	>EGFR-G721/SDAFGTVY	2284	1824
>EGFR-G721/SGAFGTVYK	342	>EGFR-G721/SDAFGTVYK	1327	985
>EGFR-G721/GSGAFGTVY	1885	>EGFR-G721/GSDAFGTVY	18	1867
>EGFR-G721/GSGAFGTVYK	46	>EGFR-G721/GSDAFGTVYK	61	15
>EGFR-G721/GSGAFGTVYK	29	>EGFR-G721/GSDAFGTVYK	22	7

>EGFR-G721IGSGAFGTVY	432	>EGFR-G721IGSDAFGTVY	535	103
>EGFR-G721IGSGAFGTVYk	224	>EGFR-G721IGSDAFGTVYk	238	14
>EGFR-G721IGSGAFGTVY	78	>EGFR-G721IGSDAFGTVY	756	678
>EGFR-G721IGSGAFGTVY	349	>EGFR-G721IGSDAFGTVY	1517	1168
>EGFR-G721IGSGAFGTVY	62	>EGFR-G721IGSDAFGTVY	33	29
>EGFR-G721IGSGAFGTVY	11	>EGFR-G721IGSDAFGTVY	9	2
>EGFR-G721IGSGAFGTVYk	337	>EGFR-G721IGSDAFGTVYk	350	13
>EGFR-G721ILGSGAFGTV	860	>EGFR-G721ILGSDAFGTV	330	530
>EGFR-G721ILGSGAFGTVY	559	>EGFR-G721ILGSDAFGTVY	452	107
>EGFR-G721ILGSGAFGTVY	125	>EGFR-G721ILGSDAFGTVY	179	54
>EGFR-G721ILGSGAFGTVY	478	>EGFR-G721ILGSDAFGTVY	772	294
>EGFR-G721ILGSGAFGTVY	93	>EGFR-G721ILGSDAFGTVY	79	14
>EGFR-G721ILGSGAFGTVY	94	>EGFR-G721ILGSDAFGTVY	86	8
>EGFR-G721ILGSGAFGTVY	905	>EGFR-G721ILGSDAFGTVY	433	472
>EGFR-G721VLGSGAFGTV	73	>EGFR-G721VLGSDAFGTV	71	2
>EGFR-G721VLGSGAFGTV	41	>EGFR-G721VLGSDAFGTV	47	6
>EGFR-G721VLGSGAFGTV	21	>EGFR-G721VLGSDAFGTV	22	1
>EGFR-G721VLGSGAFGTV	779	>EGFR-G721VLGSDAFGTV	424	355
>EGFR-G721VLGSGAFGT	68	>EGFR-G721VLGSDAFGT	127	59
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>EGFR-G721VLGSGAFGTV	7	>EGFR-G721VLGSDAFGTV	6	1
>EGFR-G721VLGSGAFGT	103	>EGFR-G721VLGSDAFGT	208	105
>EGFR-G721VLGSGAFGTV	7	>EGFR-G721VLGSDAFGTV	8	1
>EGFR-G721VLGSGAFGT	75	>EGFR-G721VLGSDAFGT	85	10
>EGFR-G721VLGSGAFGTV	5	>EGFR-G721VLGSDAFGTV	5	0
>EGFR-G721VLGSGAFGT	14	>EGFR-G721VLGSDAFGT	29	15
>EGFR-G721VLGSGAFGTV	2	>EGFR-G721VLGSDAFGTV	2	0
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>EGFR-G721VLGSGAFGTV	54	>EGFR-G721VLGSDAFGTV	66	12
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>EGFR-G721VLGSGAFGTV	73	>EGFR-G721VLGSDAFGTV	101	28
>EGFR-G721VLGSGAFGTV	87	>EGFR-G721VLGSDAFGTV	243	156
>EGFR-G721VLGSGAFGTV	421	>EGFR-G721VLGSDAFGTV	420	1
>EGFR-G721VLGSGAFGTV	227	>EGFR-G721VLGSDAFGTV	461	234
>EGFR-G721KVLGSGAFGT	294	>EGFR-G721KVLGSDAFGT	196	98
>EGFR-G721KVLGSGAFGT	123	>EGFR-G721KVLGSDAFGT	196	73
>EGFR-G721KVLGSGAF	553	>EGFR-G721KVLGSDAF	236	317
>EGFR-G721KVLGSGAFGT	602	>EGFR-G721KVLGSDAFGT	485	117
>EGFR-G721KVLGSGAFGT	9	>EGFR-G721KVLGSDAFGT	10	1
>EGFR-G721KVLGSGAFGT	12	>EGFR-G721KVLGSDAFGT	19	7
>EGFR-G721KVLGSGAFGT	78	>EGFR-G721KVLGSDAFGT	56	22
>EGFR-G721KVLGSGAFGT	28	>EGFR-G721KVLGSDAFGT	25	3

>EGFR-G721IKVLGSGAFGT	176	>EGFR-G721IKVLGSDAFGT	173	3
>EGFR-G721IKVLGSGAFGT	15	>EGFR-G721IKVLGSDAFGT	16	1
>EGFR-G721IKVLGSGAF	540	>EGFR-G721IKVLGSDAF	493	47
>EGFR-G721IKVLGSGAFG	103	>EGFR-G721IKVLGSDAFG	317	214
>EGFR-G721IKVLGSGAFGT	76	>EGFR-G721IKVLGSDAFGT	124	48
>EGFR-G721IKVLGSGAF	32	>EGFR-G721IKVLGSDAF	14	18
>EGFR-G721IKVLGSGAFGT	324	>EGFR-G721IKVLGSDAFGT	531	207
>EGFR-G721IKVLGSGAF	172	>EGFR-G721IKVLGSDAF	382	210
>EGFR-G721IKVLGSGAF	345	>EGFR-G721IKVLGSDAF	846	501
>EGFR-G721IKVLGSGAF	165	>EGFR-G721IKVLGSDAF	250	85
>EGFR-G721IKVLGSGAF	16	>EGFR-G721IKVLGSDAF	33	17
>EGFR-G721IKVLGSGAF	763	>EGFR-G721IKVLGSDAF	241	522
>EGFR-G721IKVLGSGAF	476	>EGFR-G721IKVLGSDAF	169	307
>EGFR-G721IKVLGSGAF	9	>EGFR-G721IKVLGSDAF	6	3
>EGFR-G721IKIKVLGSGA	405	>EGFR-G721IKIKVLGSDA	2333	1928
>EGFR-G721IKIKVLGSG	289	>EGFR-G721IKIKVLGSD	1485	1196
>EGFR-G721IKIKVLGSGA	72	>EGFR-G721IKIKVLGSDA	180	108
>EGFR-G721IKIKVLGSGAF	50	>EGFR-G721IKIKVLGSDAF	86	36
>EGFR-G721IKIKVLGSGAF	1315	>EGFR-G721IKIKVLGSDAF	334	981
>EGFR-G721IKIKVLGSGAF	63	>EGFR-G721IKIKVLGSDAF	102	39
>EGFR-G721IKIKVLGSGAF	245	>EGFR-G721IKIKVLGSDAF	169	76
>EGFR-G721IKIKVLGSGAI	7	>EGFR-G721IKIKVLGSDAI	6	1
>EGFR-G721!GAFGTVYKGL	922	>EGFR-G721!SAFGTVYKGL	365	557
>EGFR-G721!GAFGTVYKGL	372	>EGFR-G721!SAFGTVYKGL	172	200
>EGFR-G721!GAFGTVYK	122	>EGFR-G721!SAFGTVYK	98	24
>EGFR-G721!GAFGTVYK	9	>EGFR-G721!SAFGTVYK	7	2
>EGFR-G721!GAFGTVYK	98	>EGFR-G721!SAFGTVYK	21	77
>EGFR-G721!GAFGTVYK	222	>EGFR-G721!SAFGTVYK	92	130
>EGFR-G721!GAFGTVYK	23	>EGFR-G721!SAFGTVYK	6	17
>EGFR-G721!GAFGTVYKGL	158	>EGFR-G721!SAFGTVYKGL	79	79
>EGFR-G721!GAFGTVYKGL	38	>EGFR-G721!SAFGTVYKGL	31	7
>EGFR-G721!GAFGTVYKGL	456	>EGFR-G721!SAFGTVYKGL	359	97
>EGFR-G721!GAFGTVYKGL	46	>EGFR-G721!SAFGTVYKGL	43	3
>EGFR-G721!GAFGTVYKGL	34	>EGFR-G721!SAFGTVYKGL	26	8
>EGFR-G721!GAFGTVYKGL	279	>EGFR-G721!SAFGTVYKGL	292	13
>EGFR-G721!GAFGTVYKGL	603	>EGFR-G721!SAFGTVYKGL	370	233
>EGFR-G721!GAFGTVYKGL	33	>EGFR-G721!SAFGTVYKGL	52	19
>EGFR-G721!GAFGTVYK	150	>EGFR-G721!SAFGTVYK	109	41
>EGFR-G721!GAFGTVYK	1799	>EGFR-G721!SAFGTVYK	315	1484
>EGFR-G721!SGAFGTVY	14529	>EGFR-G721!SSAFGTVY	200	14329
>EGFR-G721!SGAFGTVYK	527	>EGFR-G721!SSAFGTVYK	50	477
>EGFR-G721!SGAFGTVYK	49	>EGFR-G721!SSAFGTVYK	7	42
>EGFR-G721!SGAFGTVY	18126	>EGFR-G721!SSAFGTVY	352	17774

>EGFR-G721!SGAFGTVY	580	>EGFR-G721!SSAFGTVY	92	488
>EGFR-G721!SGAFGTVYK	798	>EGFR-G721!SSAFGTVYK	33	765
>EGFR-G721!SGAFGTVY	87	>EGFR-G721!SSAFGTVY	29	58
>EGFR-G721!SGAFGTVYK	3142	>EGFR-G721!SSAFGTVYK	150	2992
>EGFR-G721!SGAFGTVYK	178	>EGFR-G721!SSAFGTVYK	9	169
>EGFR-G721!SGAFGTVYK	1872	>EGFR-G721!SSAFGTVYK	135	1737
>EGFR-G721!SGAFGTVY	1768	>EGFR-G721!SSAFGTVY	490	1278
>EGFR-G721!SGAFGTVY	188	>EGFR-G721!SSAFGTVY	64	124
>EGFR-G721!SGAFGTVY	460	>EGFR-G721!SSAFGTVY	875	415
>EGFR-G721!SGAFGTVY	2717	>EGFR-G721!SSAFGTVY	257	2460
>EGFR-G721!SGAFGTVY	2532	>EGFR-G721!SSAFGTVY	10	2522
>EGFR-G721!SGAFGTVYK	10082	>EGFR-G721!SSAFGTVYK	70	10012
>EGFR-G721!SGAFGTVY	520	>EGFR-G721!SSAFGTVY	481	39
>EGFR-G721!SGAFGTVY	2918	>EGFR-G721!SSAFGTVY	50	2868
>EGFR-G721!SGAFGTVYK	342	>EGFR-G721!SSAFGTVYK	82	260
>EGFR-G721!SGAFGTVYK	3807	>EGFR-G721!SSAFGTVYK	275	3532
>EGFR-G721!GSGAFGTVY	1885	>EGFR-G721!GSSAFGTVY	347	1538
>EGFR-G721!GSGAFGTVYK	46	>EGFR-G721!GSSAFGTVYK	25	21
>EGFR-G721!GSGAFGTVYK	29	>EGFR-G721!GSSAFGTVYK	8	21
>EGFR-G721!GSGAFGTVY	827	>EGFR-G721!GSSAFGTVY	392	435
>EGFR-G721!GSGAFGTVYK	711	>EGFR-G721!GSSAFGTVYK	140	571
>EGFR-G721!GSGAFGTVY	432	>EGFR-G721!GSSAFGTVY	112	320
>EGFR-G721!GSGAFGTVYK	224	>EGFR-G721!GSSAFGTVYK	28	196
>EGFR-G721!GSGAFGTVY	78	>EGFR-G721!GSSAFGTVY	71	7
>EGFR-G721!GSGAFGTVY	349	>EGFR-G721!GSSAFGTVY	70	279
>EGFR-G721!GSGAFGTVY	62	>EGFR-G721!GSSAFGTVY	11	51
>EGFR-G721!GSGAFGTVY	11	>EGFR-G721!GSSAFGTVY	4	7
>EGFR-G721!GSGAFGTVYK	337	>EGFR-G721!GSSAFGTVYK	156	181
>EGFR-G721!LGSGAFGTVY	559	>EGFR-G721!LGSSAFGTVY	402	157
>EGFR-G721!LGSGAFGTVY	125	>EGFR-G721!LGSSAFGTVY	138	13
>EGFR-G721!LGSGAFGTVY	478	>EGFR-G721!LGSSAFGTVY	724	246
>EGFR-G721!LGSGAFGTVY	93	>EGFR-G721!LGSSAFGTVY	74	19
>EGFR-G721!LGSGAFGTVY	1516	>EGFR-G721!LGSSAFGTVY	322	1194
>EGFR-G721!LGSGAFGTVY	94	>EGFR-G721!LGSSAFGTVY	78	16
>EGFR-G721!LGSGAFGTVY	905	>EGFR-G721!LGSSAFGTVY	279	626
>EGFR-G721!VLGSGAFGTV	73	>EGFR-G721!VLGSSAFGTV	92	19
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>EGFR-G721!VLGSGAFGTV	7	>EGFR-G721!VLGSSAFGTV	7	0
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>EGFR-G721!VLGSGAFGTV	7	>EGFR-G721!VLGSSAFGTV	8	1

>EGFR-G721!VLGSGAFGT	75	>EGFR-G721!VLGSSAFGT	114	39
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>EGFR-G721!VLGSGAFGT	14	>EGFR-G721!VLGSSAFGT	23	9
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>EGFR-G721!VLGSGAFGTV	54	>EGFR-G721!VLGSSAFGTV	78	24
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>EGFR-G721!KVLGSGAFGT	123	>EGFR-G721!KVLGSSAFGT	78	45
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>EGFR-G721!KVLGSGAFGT	12	>EGFR-G721!KVLGSSAFGT	13	1
>EGFR-G721!KVLGSGAFGT	78	>EGFR-G721!KVLGSSAFGT	48	30
>EGFR-G721!KVLGSGAFGT	28	>EGFR-G721!KVLGSSAFGT	26	2
>EGFR-G721!KVLGSGAFGT	176	>EGFR-G721!KVLGSSAFGT	79	97
>EGFR-G721!KVLGSGAFGT	15	>EGFR-G721!KVLGSSAFGT	15	0
>EGFR-G721!KVLGSGAF	540	>EGFR-G721!KVLGSSAF	475	65
>EGFR-G721!KVLGSGAFG	103	>EGFR-G721!KVLGSSAFG	25	78
>EGFR-G721!KVLGSGAFGT	76	>EGFR-G721!KVLGSSAFGT	39	37
>EGFR-G721!KVLGSGAF	32	>EGFR-G721!KVLGSSAF	12	20
>EGFR-G721!KVLGSGAFGT	807	>EGFR-G721!KVLGSSAFGT	428	379
>EGFR-G721!KVLGSGAFGT	324	>EGFR-G721!KVLGSSAFGT	139	185
>EGFR-G721!KVLGSGAF	172	>EGFR-G721!KVLGSSAF	92	80
>EGFR-G721!KVLGSGAF	345	>EGFR-G721!KVLGSSAF	288	57
>EGFR-G721!KVLGSGAF	165	>EGFR-G721!KVLGSSAF	28	137
>EGFR-G721!KVLGSGAF	16	>EGFR-G721!KVLGSSAF	8	8
>EGFR-G721!KVLGSGAF	763	>EGFR-G721!KVLGSSAF	286	477
>EGFR-G721!KVLGSGAF	476	>EGFR-G721!KVLGSSAF	145	331
>EGFR-G721!IKVLGSGA	1624	>EGFR-G721!IKVLGSSA	228	1396
>EGFR-G721!IKVLGSGAF	9	>EGFR-G721!IKVLGSSAF	3	6
>EGFR-G721!IKVLGSGAF	3670	>EGFR-G721!IKVLGSSAF	279	3391
>EGFR-G721!KIKVLGSGA	405	>EGFR-G721!KIKVLGSSA	344	61
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>EGFR-G721!KIKVLGSGA	72	>EGFR-G721!KIKVLGSSA	19	53
>EGFR-G721!KIKVLGSGAF	50	>EGFR-G721!KIKVLGSSAF	26	24
>EGFR-G721!KIKVLGSGAF	1315	>EGFR-G721!KIKVLGSSAF	430	885
>EGFR-G721!KIKVLGSGAF	63	>EGFR-G721!KIKVLGSSAF	44	19

>EGFR-G721!KIKVLGSGAF	672	>EGFR-G721!KIKVLGSSAF	446	226
>EGFR-G721!KIKVLGSGAF	245	>EGFR-G721!KIKVLGSSAF	30	215
>EGFR-G721!KIKVLGSGAF	523	>EGFR-G721!KIKVLGSSAF	235	288
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>EGFR-G721!KKIKVLGSGAI	7	>EGFR-G721!KKIKVLGSSAF	4	3
>EGFR-G721!FKKIKVLGSGA	1311	>EGFR-G721!FKKIKVLGSSA	263	1048
>EGFR-G724!GTVYKGLW	14	>EGFR-G724!STVYKGLW	11	3
>EGFR-G724!GTVYKGLWI	24	>EGFR-G724!STVYKGLWI	15	9
>EGFR-G724!GTVYKGLW	199	>EGFR-G724!STVYKGLW	163	36
>EGFR-G724!GTVYKGLW	230	>EGFR-G724!STVYKGLW	123	107
>EGFR-G724!GTVYKGLWI	118	>EGFR-G724!STVYKGLWI	114	4
>EGFR-G724!GTVYKGLWI	166	>EGFR-G724!STVYKGLWI	57	109
>EGFR-G724!FGTVYKGL	354	>EGFR-G724!FSTVYKGL	86	268
>EGFR-G724!FGTVYKGL	13291	>EGFR-G724!FSTVYKGL	101	13190
>EGFR-G724!FGTVYKGLW	3874	>EGFR-G724!FSTVYKGLW	21	3853
>EGFR-G724!FGTVYKGLWI	13619	>EGFR-G724!FSTVYKGLWI	189	13430
>EGFR-G724!FGTVYKGLW	5872	>EGFR-G724!FSTVYKGLW	245	5627
>EGFR-G724!FGTVYKGLW	393	>EGFR-G724!FSTVYKGLW	17	376
>EGFR-G724!FGTVYKGLWI	6991	>EGFR-G724!FSTVYKGLWI	361	6630
>EGFR-G724!FGTVYKGL	14595	>EGFR-G724!FSTVYKGL	417	14178
>EGFR-G724!FGTVYKGLW	3440	>EGFR-G724!FSTVYKGLW	258	3182
>EGFR-G724!FGTVYKGLWI	2897	>EGFR-G724!FSTVYKGLWI	218	2679
>EGFR-G724!FGTVYKGLW	29	>EGFR-G724!FSTVYKGLW	16	13
>EGFR-G724!FGTVYKGLWI	7142	>EGFR-G724!FSTVYKGLWI	61	7081
>EGFR-G724!KIKVLGSGAF	50	>EGFR-G724!KIKVLGSSAF	48	2
>EGFR-G724!AFGTVYKGL	152	>EGFR-G724!AFSTVYKGL	190	38
>EGFR-G724!AFGTVYKGLV	249	>EGFR-G724!AFSTVYKGLM	277	28
>EGFR-G724!GAFGTVYKGL	372	>EGFR-G724!GAFSTVYKGL	665	293
>EGFR-G724!GAFGTVYK	122	>EGFR-G724!GAFSTVYK	93	29
>EGFR-G724!GAFGTVYK	9	>EGFR-G724!GAFSTVYK	8	1
>EGFR-G724!GAFGTVYK	98	>EGFR-G724!GAFSTVYK	64	34
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>EGFR-G724!GAFGTVYKGL	38	>EGFR-G724!GAFSTVYKGL	33	5
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>EGFR-G724!GAFGTVYKGL	46	>EGFR-G724!GAFSTVYKGL	65	19
>EGFR-G724!GAFGTVYKGL	34	>EGFR-G724!GAFSTVYKGL	35	1
>EGFR-G724!GAFGTVYKGL	279	>EGFR-G724!GAFSTVYKGL	122	157
>EGFR-G724!GAFGTVYKGL	603	>EGFR-G724!GAFSTVYKGL	391	212
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>EGFR-G724!GAFGTVYK	150	>EGFR-G724!GAFSTVYK	97	53
>EGFR-G724!SGAFGTVYK	527	>EGFR-G724!SGAFSTVYK	276	251

>EGFR-G724!SGAFGTVYK	49	>EGFR-G724!SGAFSTVYK	21	28
>EGFR-G724!SGAFGTVYK	798	>EGFR-G724!SGAFSTVYK	298	500
>EGFR-G724!SGAFGTVY	87	>EGFR-G724!SGAFSTVY	119	32
>EGFR-G724!SGAFGTVYK	178	>EGFR-G724!SGAFSTVYK	59	119
>EGFR-G724!SGAFGTVY	188	>EGFR-G724!SGAFSTVY	138	50
>EGFR-G724!SGAFGTVY	460	>EGFR-G724!SGAFSTVY	768	308
>EGFR-G724!SGAFGTVY	520	>EGFR-G724!SGAFSTVY	337	183
>EGFR-G724!SGAFGTVY	1957	>EGFR-G724!SGAFSTVY	423	1534
>EGFR-G724!SGAFGTVYK	342	>EGFR-G724!SGAFSTVYK	218	124
>EGFR-G724!GSGAFGTVYK	46	>EGFR-G724!GSGAFSTVYK	36	10
>EGFR-G724!GSGAFGTVYK	29	>EGFR-G724!GSGAFSTVYK	16	13
>EGFR-G724!GSGAFGTVYK	711	>EGFR-G724!GSGAFSTVYK	294	417
>EGFR-G724!GSGAFGTVY	432	>EGFR-G724!GSGAFSTVY	306	126
>EGFR-G724!GSGAFGTVYK	224	>EGFR-G724!GSGAFSTVYK	77	147
>EGFR-G724!GSGAFGTVY	78	>EGFR-G724!GSGAFSTVY	56	22
>EGFR-G724!GSGAFGTVY	349	>EGFR-G724!GSGAFSTVY	382	33
>EGFR-G724!GSGAFGTVY	62	>EGFR-G724!GSGAFSTVY	32	30
>EGFR-G724!GSGAFGTVY	11	>EGFR-G724!GSGAFSTVY	12	1
>EGFR-G724!GSGAFGTVYK	337	>EGFR-G724!GSGAFSTVYK	233	104
>EGFR-G724!LGSGAFGTV	860	>EGFR-G724!LGSGAFSTV	231	629
>EGFR-G724!LGSGAFGTV	2612	>EGFR-G724!LGSGAFSTV	294	2318
>EGFR-G724!LGSGAFGTVY	559	>EGFR-G724!LGSGAFSTVY	278	281
>EGFR-G724!LGSGAFGTVY	125	>EGFR-G724!LGSGAFSTVY	109	16
>EGFR-G724!LGSGAFGTVY	478	>EGFR-G724!LGSGAFSTVY	543	65
>EGFR-G724!LGSGAFGTVY	93	>EGFR-G724!LGSGAFSTVY	72	21
>EGFR-G724!LGSGAFGTV	2426	>EGFR-G724!LGSGAFSTV	198	2228
>EGFR-G724!LGSGAFGTVY	94	>EGFR-G724!LGSGAFSTVY	47	47
>EGFR-G724!LGSGAFGTVY	905	>EGFR-G724!LGSGAFSTVY	413	492
>EGFR-G724!VLGSGAFGTV	73	>EGFR-G724!VLGSGAFSTV	41	32
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>EGFR-G724!VLGSGAFGTV	21	>EGFR-G724!VLGSGAFSTV	16	5
>EGFR-G724!VLGSGAFGTV	779	>EGFR-G724!VLGSGAFSTV	336	443
>EGFR-G724!VLGSGAFGT	68	>EGFR-G724!VLGSGAFST	91	23
>EGFR-G724!VLGSGAFGTV	3	>EGFR-G724!VLGSGAFSTV	2	1
>EGFR-G724!VLGSGAFGTV	7	>EGFR-G724!VLGSGAFSTV	4	3
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>EGFR-G724!VLGSGAFGTV	7	>EGFR-G724!VLGSGAFSTV	5	2
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>EGFR-G724!VLGSGAFGTV	5	>EGFR-G724!VLGSGAFSTV	2	3
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>EGFR-G724!VLGSGAFGTV	2	>EGFR-G724!VLGSGAFSTV	2	0
>EGFR-G724!VLGSGAFGTV	64	>EGFR-G724!VLGSGAFSTV	64	0
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>EGFR-G724!VLGSGAFGTV	73	>EGFR-G724!VLGSGAFSTV	54	19
>EGFR-G724!VLGSGAFGTV	87	>EGFR-G724!VLGSGAFSTV	102	15
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>EGFR-G724!KVLGSGAFGT	12	>EGFR-G724!KVLGSGAFST	8	4
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>EGFR-G724!KVLGSGAFGT	176	>EGFR-G724!KVLGSGAFST	37	139
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>EGFR-G724!KVLGSGAFG	103	>EGFR-G724!KVLGSGAFS	98	5
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>EGFR-G724!KVLGSGAFGT	324	>EGFR-G724!KVLGSGAFST	279	45
>EGFR-G724!KVLGSGAFGT	709	>EGFR-G724!KVLGSGAFST	132	577
>EGFR-G729!GLWIPEGEKV	251	>EGFR-G729!ELWIPEGEKV	1398	1147
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>EGFR-G729!TVYKGLWI	153	>EGFR-G729!TVYKELWI	426	273
>EGFR-G729!TVYKGLWI	168	>EGFR-G729!TVYKELWI	306	138
>EGFR-G729!TVYKGLWI	444	>EGFR-G729!TVYKELWI	920	476
>EGFR-G729!TVYKGLWI	463	>EGFR-G729!TVYKELWI	1117	654
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>EGFR-G729!TVYKGLWI	265	>EGFR-G729!TVYKELWI	843	578
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>EGFR-G729!GTVYKGLWI	24	>EGFR-G729!GTVYKELWI	81	57
>EGFR-G729!GTVYKGLW	199	>EGFR-G729!GTVYKELW	104	95
>EGFR-G729!GTVYKGLW	230	>EGFR-G729!GTVYKELW	65	165
>EGFR-G729!GTVYKGLWI	118	>EGFR-G729!GTVYKELWI	499	381

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>EGFR-G729IFGTVYKGLW	393	>EGFR-G729IFGTVYKELW	79	314
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>EGFR-G729IFGTVYKGLW	29	>EGFR-G729IFGTVYKELW	59	30
>EGFR-G729IAFGTVYKGL	152	>EGFR-G729IAFGTVYKEL	33	119
>EGFR-G729IAFGTVYKGLV	591	>EGFR-G729IAFGTVYKELV	434	157
>EGFR-G729IAFGTVYKGLV	249	>EGFR-G729IAFGTVYKELV	180	69
>EGFR-G729IAFGTVYKGL	1140	>EGFR-G729IAFGTVYKEL	409	731
>EGFR-G729IAFGTVYKGL	372	>EGFR-G729IAFGTVYKEL	398	26
>EGFR-G729IAFGTVYKGL	158	>EGFR-G729IAFGTVYKEL	209	51
>EGFR-G729IAFGTVYKGL	38	>EGFR-G729IAFGTVYKEL	40	2
>EGFR-G729IAFGTVYKGL	456	>EGFR-G729IAFGTVYKEL	165	291
>EGFR-G729IAFGTVYKGL	46	>EGFR-G729IAFGTVYKEL	35	11
>EGFR-G729IAFGTVYKGL	34	>EGFR-G729IAFGTVYKEL	17	17
>EGFR-G729IAFGTVYKGL	279	>EGFR-G729IAFGTVYKEL	343	64
>EGFR-G729IAFGTVYKGL	603	>EGFR-G729IAFGTVYKEL	312	291
>EGFR-G729IAFGTVYKGL	33	>EGFR-G729IAFGTVYKEL	45	12
>EGFR-G729IGLWIPEGEKV	251	>EGFR-G729IRLWIPEGEKV	276	25
>EGFR-G729IGLWIPEGEKV	329	>EGFR-G729IRLWIPEGEKV	201	128
>EGFR-G729IGLWIPEGEKV	790	>EGFR-G729IRLWIPEGEKV	353	437
>EGFR-G729IGLWIPEGEKV	3	>EGFR-G729IRLWIPEGEKV	2	1
>EGFR-G729IGLWIPEGEKV	28	>EGFR-G729IRLWIPEGEKV	47	19
>EGFR-G729IGLWIPEGEKV	6	>EGFR-G729IRLWIPEGEKV	7	1
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>EGFR-G729IGLWIPEGEKV	7	>EGFR-G729IRLWIPEGEKV	8	1
>EGFR-G729IGLWIPEGEK	421	>EGFR-G729IRLWIPEGEK	77	344
>EGFR-G729IGLWIPEGEKV	1063	>EGFR-G729IRLWIPEGEKV	148	915
>EGFR-G729IKGLWIPEGEK	229	>EGFR-G729IKRLWIPEGEK	826	597
>EGFR-G729IKGLWIPEGEK	499	>EGFR-G729IKRLWIPEGEK	2879	2380
>EGFR-G729IKGLWIPEGEK	21913	>EGFR-G729IKRLWIPEGEK	42	21871
>EGFR-G729IKGLWIPEGEK	22177	>EGFR-G729IKRLWIPEGEK	141	22036
>EGFR-G729IKGLWIPEGEK	17546	>EGFR-G729IKRLWIPEGEK	157	17389
>EGFR-G729IKGLWIPEGEK	27468	>EGFR-G729IKRLWIPEGEK	303	27165
>EGFR-G729IKGLWIPEGEK	22695	>EGFR-G729IKRLWIPEGEK	362	22333
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>EGFR-G729IGSGAFGTVYK	21662	>EGFR-G729IGSGAFGTVYK	78	21584
>EGFR-G729ITVYKGLWI	153	>EGFR-G729ITVYKRLWI	264	111
>EGFR-G729ITVYKGLWI	168	>EGFR-G729ITVYKRLWI	293	125
>EGFR-G729ITVYKGLWI	444	>EGFR-G729ITVYKRLWI	1440	996
>EGFR-G729ITVYKGLWI	463	>EGFR-G729ITVYKRLWI	375	88
>EGFR-G729ITVYKGLWI	191	>EGFR-G729ITVYKRLWI	560	369
>EGFR-G729ITVYKGLWI	265	>EGFR-G729ITVYKRLWI	508	243

>EGFR-G729IGTVYKGLW	14	>EGFR-G729IGTVYKRLW	16	2
>EGFR-G729IGTVYKGLWI	24	>EGFR-G729IGTVYKRLWI	109	85
>EGFR-G729IGTVYKGLW	199	>EGFR-G729IGTVYKRLW	95	104
>EGFR-G729IGTVYKGLW	230	>EGFR-G729IGTVYKRLW	440	210
>EGFR-G729IGTVYKGLWI	118	>EGFR-G729IGTVYKRLWI	264	146
>EGFR-G729IGTVYKGLWI	166	>EGFR-G729IGTVYKRLWI	363	197
>EGFR-G729IFGTVYKGL	354	>EGFR-G729IFGTVYKRL	102	252
>EGFR-G729IFGTVYKGLW	393	>EGFR-G729IFGTVYKRLW	1492	1099
>EGFR-G729IFGTVYKGLW	29	>EGFR-G729IFGTVYKRLW	2148	2119
>EGFR-G729IAFGTVYKGL	152	>EGFR-G729IAFGTVYKRL	162	10
>EGFR-G729IAFGTVYKGLV	249	>EGFR-G729IAFGTVYKRLV	227	22
>EGFR-G729IAFGTVYKGL	19133	>EGFR-G729IAFGTVYKRL	23	19110
>EGFR-G729IAFGTVYKGL	33917	>EGFR-G729IAFGTVYKRL	103	33814
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>EGFR-G729IAFGTVYKGL	18843	>EGFR-G729IAFGTVYKRL	21	18822
>EGFR-G729IAFGTVYKGL	24540	>EGFR-G729IAFGTVYKRL	13	24527
>EGFR-G729IAFGTVYKGL	158	>EGFR-G729IAFGTVYKRL	139	19
>EGFR-G729IAFGTVYKGL	38	>EGFR-G729IAFGTVYKRL	33	5
>EGFR-G729IAFGTVYKGL	456	>EGFR-G729IAFGTVYKRL	495	39
>EGFR-G729IAFGTVYKGL	46	>EGFR-G729IAFGTVYKRL	34	12
>EGFR-G729IAFGTVYKGL	34	>EGFR-G729IAFGTVYKRL	73	39
>EGFR-G729IAFGTVYKGL	279	>EGFR-G729IAFGTVYKRL	505	226
>EGFR-G729IAFGTVYKGL	603	>EGFR-G729IAFGTVYKRL	427	176
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>EGFR-G729IAFGTVYKGL	12938	>EGFR-G729IAFGTVYKRL	327	12611
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>EGFR-G735!GEKVKIPV	1681	>EGFR-G735!SEKVKIPV	152	1529
>EGFR-G735!GEKVKIPVAI	501	>EGFR-G735!SEKVKIPVAI	119	382
>EGFR-G735!GEKVKIPV	101	>EGFR-G735!SEKVKIPV	193	92
>EGFR-G735!GEKVKIPVA	118	>EGFR-G735!SEKVKIPVA	232	114
>EGFR-G735!GEKVKIPVAI	188	>EGFR-G735!SEKVKIPVAI	160	28
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>EGFR-G735!GEKVKIPVAI	3417	>EGFR-G735!SEKVKIPVAI	485	2932
>EGFR-G735!GEKVKIPV	155	>EGFR-G735!SEKVKIPV	71	84
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>EGFR-G735!GEKVKIPVAI	2902	>EGFR-G735!SEKVKIPVAI	392	2510
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>EGFR-G735!GEKVKIPVAI	45	>EGFR-G735!SEKVKIPVAI	69	24
>EGFR-G735!EGEKVKIPV	1948	>EGFR-G735!ESEKVKIPV	103	1845
>EGFR-G735!EGEKVKIPV	5934	>EGFR-G735!ESEKVKIPV	359	5575
>EGFR-G735!IPEGEKVKIPV	188	>EGFR-G735!IPESEKVKIPV	246	58

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>EGFR-G735!IPEGEKVKIPV	311	>EGFR-G735!IPESEKVKIPV	518	207
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>EGFR-G735!WIPEGEKVKI	453	>EGFR-G735!WIPESEKVKI	881	428
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>EGFR-G735!LWIPEGEKVK	158	>EGFR-G735!LWIPESEKVKI	91	67
>EGFR-G735!LWIPEGEKVK	37	>EGFR-G735!LWIPESEKVKI	29	8
>EGFR-G735!LWIPEGEKV	270	>EGFR-G735!LWIPESEKV	303	33
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>EGFR-G735!GLWIPEGEKV	6	>EGFR-G735!GLWIPESEKV	5	1
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>EGFR-G735!GLWIPEGEKV	7	>EGFR-G735!GLWIPESEKV	5	2
>EGFR-G735!GLWIPEGEK	421	>EGFR-G735!GLWIPESEK	235	186
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>EGFR-G735!KGLWIPEGEK	229	>EGFR-G735!KGLWIPESEK	228	1
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>EGFR-G779!GICLTSTV	138	>EGFR-G779!GICLTSTV	456	318
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>EGFR-G779!GICLTSTV	314	>EGFR-G779!GICLTSTV	4925	4611
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>EGFR-G779!LGICLTSTV	3421	>EGFR-G779!LGICLTSTV	275	3146
>EGFR-G779!LGICLTSTV	713	>EGFR-G779!LGICLTSTV	280	433
>EGFR-G779!LGICLTSTV	256	>EGFR-G779!LGICLTSTV	132	124
>EGFR-G779!LLGICLTSTV	63	>EGFR-G779!LLGICLTSTV	53	10
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>EGFR-G779!LLGICLTSTV	9	>EGFR-G779!LLGICLTSTV	25	16
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>EGFR-G779( RLLGICLT	229	>EGFR-G779( RLLCICLT	164	65
>EGFR-G779( RLLGICLTST	73	>EGFR-G779( RLLCICLTST	87	14
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>EGFR-G779( RLLGICLTSTV	29	>EGFR-G779( RLLCICLTSTV	44	15
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>EGFR-G779( RLLGICLTSTV	13	>EGFR-G779( RLLCICLTSTV	13	0
>EGFR-G779( RLLGICLT	310	>EGFR-G779( RLLCICLT	315	5
>EGFR-G779( RLLGICLTST	87	>EGFR-G779( RLLCICLTST	115	28
>EGFR-G779( RLLGICLTSTV	19	>EGFR-G779( RLLCICLTSTV	20	1
>EGFR-G779( RLLGICLT	35	>EGFR-G779( RLLCICLT	66	31
>EGFR-G779( RLLGICLTST	95	>EGFR-G779( RLLCICLTST	152	57
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>EGFR-G779( RLLGICLTSTV	5	>EGFR-G779( RLLCICLTSTV	3	2
>EGFR-G779( RLLGICLT	112	>EGFR-G779( RLLCICLT	398	286
>EGFR-G779( RLLGICLTST	401	>EGFR-G779( RLLCICLTST	1279	878
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>EGFR-G779( RLLGICLTSTV	2	>EGFR-G779( RLLCICLTSTV	3	1
>EGFR-G779( RLLGICLT	30	>EGFR-G779( RLLCICLT	341	311
>EGFR-G779( RLLGICLTST	34	>EGFR-G779( RLLCICLTST	614	580
>EGFR-G779( RLLGICLTSTV	2	>EGFR-G779( RLLCICLTSTV	3	1
>EGFR-G779( RLLGICLTS	163	>EGFR-G779( RLLCICLTS	315	152
>EGFR-G779( RLLGICLTST	360	>EGFR-G779( RLLCICLTST	642	282
>EGFR-G779( RLLGICLTSTV	23	>EGFR-G779( RLLCICLTSTV	32	9
>EGFR-G779( RLLGICLTSTV	779	>EGFR-G779( RLLCICLTSTV	374	405
>EGFR-G779( RLLGICLTSTV	1293	>EGFR-G779( RLLCICLTSTV	209	1084
>EGFR-G779( RLLGICLTSTV	241	>EGFR-G779( RLLCICLTSTV	191	50
>EGFR-G779( CRLLGICL	260	>EGFR-G779( CRLLCICL	678	418
>EGFR-G779( CRLLGICLTS	999	>EGFR-G779( CRLLCICLTS	243	756
>EGFR-G779( CRLLGICL	910	>EGFR-G779( CRLLCICL	487	423
>EGFR-G779( CRLLGICLTS	577	>EGFR-G779( CRLLCICLTS	290	287
>EGFR-G779( DNPHVCRLLC	1013	>EGFR-G779( DNPHVCRLLC	424	589
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>EGFR-G779( GICLTSTV	1157	>EGFR-G779( FICLTSTV	68	1089
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>EGFR-G779( GICLTSTVQQLI	2350	>EGFR-G779( FICLTSTVQQLI	138	2212
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>EGFR-G779( GICLTSTVQQLI	1160	>EGFR-G779( FICLTSTVQQLI	75	1085
>EGFR-G779( GICLTSTV	858	>EGFR-G779( FICLTSTV	31	827

>EGFR-G779IGICLTSTVQL	2964	>EGFR-G779IFICLTSTVQL	151	2813
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>EGFR-G779IGICLTSTVQL	3135	>EGFR-G779IFICLTSTVQL	228	2907
>EGFR-G779IGICLTSTVQLI	2073	>EGFR-G779IFICLTSTVQLI	152	1921
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>EGFR-G779ILLGICLTSTV	17	>EGFR-G779ILLFICLTSTV	11	6
>EGFR-G779ILLGICLTSTVQ	2533	>EGFR-G779ILLFICLTSTVQ	464	2069
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>EGFR-G779IRLLGICLTST	34	>EGFR-G779IRLLFICLTST	351	317
>EGFR-G779IRLLGICLTSTV	2	>EGFR-G779IRLLFICLTSTV	3	1
>EGFR-G779IRLLGICLTS	163	>EGFR-G779IRLLFICLTS	188	25
>EGFR-G779IRLLGICLTST	360	>EGFR-G779IRLLFICLTST	424	64
>EGFR-G779IRLLGICLTSTV	23	>EGFR-G779IRLLFICLTSTV	24	1
>EGFR-G779IRLLGICLTSTV	241	>EGFR-G779IRLLFICLTSTV	180	61
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>EGFR-G779ICRLLGICLTS	999	>EGFR-G779ICRLLFICLTS	411	588
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>EGFR-G779HVCRLGCI	870	>EGFR-G779HVCRLFI	367	503
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>EGFR-G779:GICLTSTV	122	>EGFR-G779:SICTSTV	51	71
>EGFR-G779:GICLTSTV	314	>EGFR-G779:SICTSTV	147	167
>EGFR-G779:GICLTSTV	38	>EGFR-G779:SICTSTV	17	21
>EGFR-G779:GICLTSTVQL	1022	>EGFR-G779:SICTSTVQL	478	544
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>EGFR-G779!LGICLTSTVQL	4178	>EGFR-G779!LSICLTSTVQL	273	3905
>EGFR-G779!LGICLTSTV	3930	>EGFR-G779!LSICLTSTV	287	3643
>EGFR-G779!LGICLTSTV	3500	>EGFR-G779!LSICLTSTV	201	3299
>EGFR-G779!LGICLTSTVQL	2466	>EGFR-G779!LSICLTSTVQL	147	2319
>EGFR-G779!LGICLTSTV	12870	>EGFR-G779!LSICLTSTV	157	12713
>EGFR-G779!LGICLTSTVQL	2011	>EGFR-G779!LSICLTSTVQL	9	2002
>EGFR-G779!LGICLTSTVQL	8883	>EGFR-G779!LSICLTSTVQL	208	8675
>EGFR-G779!LGICLTSTV	256	>EGFR-G779!LSICLTSTV	22	234
>EGFR-G779!LGICLTSTVQL	1494	>EGFR-G779!LSICLTSTVQL	212	1282
>EGFR-G779!LGICLTSTVQL	4518	>EGFR-G779!LSICLTSTVQL	208	4310
>EGFR-G779!LLGICLTSTV	63	>EGFR-G779!LLSICLTSTV	54	9
>EGFR-G779!LLGICLTST	415	>EGFR-G779!LLSICLTST	37	378
>EGFR-G779!LLGICLTSTV	17	>EGFR-G779!LLSICLTSTV	11	6
>EGFR-G779!LLGICLTSTVQ	2533	>EGFR-G779!LLSICLTSTVQ	468	2065
>EGFR-G779!LLGICLTST	295	>EGFR-G779!LLSICLTST	25	270
>EGFR-G779!LLGICLTSTV	14	>EGFR-G779!LLSICLTSTV	10	4
>EGFR-G779!LLGICLTSTV	98	>EGFR-G779!LLSICLTSTV	60	38
>EGFR-G779!LLGICLTSTV	4	>EGFR-G779!LLSICLTSTV	5	1
>EGFR-G779!LLGICLTSTV	5	>EGFR-G779!LLSICLTSTV	6	1
>EGFR-G779!LLGICLTSTV	9	>EGFR-G779!LLSICLTSTV	10	1
>EGFR-G779!LLGICLTSTV	6	>EGFR-G779!LLSICLTSTV	6	0
>EGFR-G779!LLGICLTST	30	>EGFR-G779!LLSICLTST	21	9
>EGFR-G779!LLGICLTSTV	2	>EGFR-G779!LLSICLTSTV	2	0
>EGFR-G779!LLGICLTSTVQ	272	>EGFR-G779!LLSICLTSTVQ	171	101
>EGFR-G779!RLLGICLT	229	>EGFR-G779!RLLSICLT	193	36
>EGFR-G779!RLLGICLTST	73	>EGFR-G779!RLLSICLTST	86	13
>EGFR-G779!RLLGICLTSTV	15	>EGFR-G779!RLLSICLTSTV	13	2
>EGFR-G779!RLLGICLTST	207	>EGFR-G779!RLLSICLTST	128	79
>EGFR-G779!RLLGICLTSTV	29	>EGFR-G779!RLLSICLTSTV	26	3
>EGFR-G779!RLLGICLTST	52	>EGFR-G779!RLLSICLTST	43	9
>EGFR-G779!RLLGICLTSTV	13	>EGFR-G779!RLLSICLTSTV	10	3
>EGFR-G779!RLLGICLT	310	>EGFR-G779!RLLSICLT	353	43
>EGFR-G779!RLLGICLTST	87	>EGFR-G779!RLLSICLTST	108	21
>EGFR-G779!RLLGICLTSTV	19	>EGFR-G779!RLLSICLTSTV	19	0
>EGFR-G779!RLLGICLT	35	>EGFR-G779!RLLSICLT	61	26
>EGFR-G779!RLLGICLTST	95	>EGFR-G779!RLLSICLTST	172	77
>EGFR-G779!RLLGICLTSTV	2	>EGFR-G779!RLLSICLTSTV	2	0
>EGFR-G779!RLLGICLTSTV	5	>EGFR-G779!RLLSICLTSTV	4	1
>EGFR-G779!RLLGICLT	112	>EGFR-G779!RLLSICLT	180	68
>EGFR-G779!RLLGICLTST	401	>EGFR-G779!RLLSICLTST	640	239



>EGFR-G779!RLLGICLTSTV	5	>EGFR-G779!RLLSICLTSTV	5	0
>EGFR-G779!RLLGICLTSTV	2	>EGFR-G779!RLLSICLTSTV	2	0
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>EGFR-G779!RLLGICLTST	34	>EGFR-G779!RLLSICLTST	112	78
>EGFR-G779!RLLGICLTSTV	2	>EGFR-G779!RLLSICLTSTV	2	0
>EGFR-G779!RLLGICLTS	163	>EGFR-G779!RLLSICLTS	394	231
>EGFR-G779!RLLGICLTST	360	>EGFR-G779!RLLSICLTST	778	418
>EGFR-G779!RLLGICLTSTV	23	>EGFR-G779!RLLSICLTSTV	39	16
>EGFR-G779!RLLGICLTSTV	1293	>EGFR-G779!RLLSICLTSTV	226	1067
>EGFR-G779!RLLGICLTSTV	241	>EGFR-G779!RLLSICLTSTV	105	136
>EGFR-G779!CRLLGICL	260	>EGFR-G779!CRLLSICL	305	45
>EGFR-G779!CRLLGICLTS	577	>EGFR-G779!CRLLSICLTS	478	99
>EGFR-G779!HVCRLLGI	804	>EGFR-G779!HVCRLLSI	214	590
>EGFR-G779!HVCRLLGI	1639	>EGFR-G779!HVCRLLSI	366	1273
>EGFR-G779!HVCRLLGI	870	>EGFR-G779!HVCRLLSI	313	557
>EGFR-G779!NPHVCRLLGI	2392	>EGFR-G779!NPHVCRLLSI	492	1900
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>EGFR-G796,FGCLLDYV	5362	>EGFR-G796,FACLLDYV	387	4975
>EGFR-G796,FGCLLDYV	218	>EGFR-G796,FACLLDYV	65	153
>EGFR-G796,FGCLLDYV	151	>EGFR-G796,FACLLDYV	20	131
>EGFR-G796,FGCLLDYV	862	>EGFR-G796,FACLLDYV	66	796
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>EGFR-G796,FGCLLDYVR	1663	>EGFR-G796,FACLLDYVR	353	1310
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>EGFR-G796,FGCLLDYVR	542	>EGFR-G796,FACLLDYVR	26	516
>EGFR-G796,FGCLLDYV	1571	>EGFR-G796,FACLLDYV	90	1481
>EGFR-G796,FGCLLDYVRE	3465	>EGFR-G796,FACLLDYVRE	481	2984
>EGFR-G796,FGCLLDYVR	78	>EGFR-G796,FACLLDYVR	126	48
>EGFR-G796,VQLITQLMPF	2043	>EGFR-G796,VQLITQLMPF	33	2010
>EGFR-G796,VQLITQLMPF	13452	>EGFR-G796,VQLITQLMPF	328	13124
>EGFR-G796,PFGLLDYV	2162	>EGFR-G796,PFACLLDYV	216	1946
>EGFR-G796,PFGLLDY	31	>EGFR-G796,PFACLLDY	16	15
>EGFR-G796,PFGLLDY	341	>EGFR-G796,PFACLLDY	567	226
>EGFR-G796,PFGLLDY	700	>EGFR-G796,PFACLLDY	214	486
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>EGFR-G796,MPFGCLLDY	79	>EGFR-G796,MPFACLLDY	32	47
>EGFR-G796,MPFGCLLDY\	8	>EGFR-G796,MPFACLLDY\	5	3
>EGFR-G796,MPFGCLLDY\	203	>EGFR-G796,MPFACLLDY\	189	14
>EGFR-G796,MPFGCLLDY\	131	>EGFR-G796,MPFACLLDY\	193	62
>EGFR-G796,MPFGCLLDY\	399	>EGFR-G796,MPFACLLDY\	608	209
>EGFR-G796,MPFGCLLDY	17	>EGFR-G796,MPFACLLDY	22	5
>EGFR-G796,MPFGCLLDY\	498	>EGFR-G796,MPFACLLDY\	250	248
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>EGFR-G796,MPFGCLLDY\	63	>EGFR-G796,MPFACLLDY\	56	7
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>EGFR-G796,MPFGCLLDY\	282	>EGFR-G796,MPFACLLDY\	163	119
>EGFR-G796,MPFGCLLDY	359	>EGFR-G796,MPFACLLDY	44	315
>EGFR-G796,MPFGCLLDY	480	>EGFR-G796,MPFACLLDY	117	363
>EGFR-G796,MPFGCLLDY	297	>EGFR-G796,MPFACLLDY	510	213
>EGFR-G796,MPFGCLLDY	8	>EGFR-G796,MPFACLLDY	8	0
>EGFR-G796,MPFGCLLDY\	80	>EGFR-G796,MPFACLLDY\	76	4
>EGFR-G796,MPFGCLLDY	13	>EGFR-G796,MPFACLLDY	11	2
>EGFR-G796,MPFGCLLD	63	>EGFR-G796,MPFACLLD	57	6
>EGFR-G796,MPFGCLLDY	254	>EGFR-G796,MPFACLLDY	285	31
>EGFR-G796,MPFGCLLDY\	25	>EGFR-G796,MPFACLLDY\	33	8
>EGFR-G796,MPFGCLLDY\	43	>EGFR-G796,MPFACLLDY\	41	2
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>EGFR-G796,MPFGCLLDY	101	>EGFR-G796,MPFACLLDY	210	109
>EGFR-G796,MPFGCLLDY	494	>EGFR-G796,MPFACLLDY	818	324
>EGFR-G796,MPFGCLLDY\	32	>EGFR-G796,MPFACLLDY\	30	2
>EGFR-G796,LMPFGCLLDY	930	>EGFR-G796,LMPFACLLDY	406	524
>EGFR-G796,LMPFGCLL	297	>EGFR-G796,LMPFACLL	216	81
>EGFR-G796,LMPFGCLLDY	24	>EGFR-G796,LMPFACLLDY	23	1
>EGFR-G796,LMPFGCLL	71	>EGFR-G796,LMPFACLL	36	35
>EGFR-G796,LMPFGCLLDY	12	>EGFR-G796,LMPFACLLDY	8	4
>EGFR-G796,LMPFGCLL	80	>EGFR-G796,LMPFACLL	81	1
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>EGFR-G796,LMPFGCLL	248	>EGFR-G796,LMPFACLL	212	36
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>EGFR-G796,LMPFGCLL	35	>EGFR-G796,LMPFACLL	56	21
>EGFR-G796,LMPFGCLLDY	3	>EGFR-G796,LMPFACLLDY	4	1
>EGFR-G796,LMPFGCLLDY	14	>EGFR-G796,LMPFACLLDY	17	3
>EGFR-G796,LMPFGCLL	83	>EGFR-G796,LMPFACLL	103	20
>EGFR-G796,LMPFGCLLDY	8	>EGFR-G796,LMPFACLLDY	9	1
>EGFR-G796,LMPFGCLL	489	>EGFR-G796,LMPFACLL	237	252
>EGFR-G796,LMPFGCLLDY	6	>EGFR-G796,LMPFACLLDY	5	1
>EGFR-G796,LMPFGCLL	8	>EGFR-G796,LMPFACLL	11	3
>EGFR-G796,LMPFGCLLDY	3	>EGFR-G796,LMPFACLLDY	4	1
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>EGFR-G796,LMPFGCLLDY	259	>EGFR-G796,LMPFACLLDY	234	25
>EGFR-G796,LMPFGCLLDY	592	>EGFR-G796,LMPFACLLDY	415	177
>EGFR-G796,LMPFGCLLDY	97	>EGFR-G796,LMPFACLLDY	133	36
>EGFR-G796,LMPFGCLLDY	117	>EGFR-G796,LMPFACLLDY	106	11

>EGFR-G796, LMPFGCLLDY	596	>EGFR-G796, LMPFACLLDY	340	256
>EGFR-G796, LMPFGCLL	9	>EGFR-G796, LMPFACLL	8	1
>EGFR-G796, LMPFGCLLDY	509	>EGFR-G796, LMPFACLLDY	134	375
>EGFR-G796, LMPFGCLLDY	344	>EGFR-G796, LMPFACLLDY	239	105
>EGFR-G796, QLMPFGCL	215	>EGFR-G796, QLMPFACL	37	178
>EGFR-G796, QLMPFGCLL	39	>EGFR-G796, QLMPFACLL	26	13
>EGFR-G796, QLMPFGCL	30	>EGFR-G796, QLMPFACL	10	20
>EGFR-G796, QLMPFGCLL	8	>EGFR-G796, QLMPFACLL	6	2
>EGFR-G796, QLMPFGCL	212	>EGFR-G796, QLMPFACL	113	99
>EGFR-G796, QLMPFGCLL	53	>EGFR-G796, QLMPFACLL	51	2
>EGFR-G796, QLMPFGCL	201	>EGFR-G796, QLMPFACL	40	161
>EGFR-G796, QLMPFGCLL	45	>EGFR-G796, QLMPFACLL	27	18
>EGFR-G796, QLMPFGCL	123	>EGFR-G796, QLMPFACL	51	72
>EGFR-G796, QLMPFGCLL	17	>EGFR-G796, QLMPFACLL	21	4
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>EGFR-G796, QLMPFGCLL	42	>EGFR-G796, QLMPFACLL	35	7
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>EGFR-G796, QLMPFGCLL	96	>EGFR-G796, QLMPFACLL	110	14
>EGFR-G796, QLMPFGCL	77	>EGFR-G796, QLMPFACL	11	66
>EGFR-G796, QLMPFGCLL	37	>EGFR-G796, QLMPFACLL	16	21
>EGFR-G796, QLMPFGCL	36	>EGFR-G796, QLMPFACL	10	26
>EGFR-G796, QLMPFGCLL	4	>EGFR-G796, QLMPFACLL	4	0
>EGFR-G796, QLMPFGCLLI	522	>EGFR-G796, QLMPFACLLI	359	163
>EGFR-G796, QLMPFGCLLI	15	>EGFR-G796, QLMPFACLLI	14	1
>EGFR-G796, QLMPFGCLLI	328	>EGFR-G796, QLMPFACLLI	302	26
>EGFR-G796, QLMPFGCLL	2135	>EGFR-G796, QLMPFACLL	340	1795
>EGFR-G796, QLMPFGCL	1232	>EGFR-G796, QLMPFACL	436	796
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>EGFR-G796, QLMPFGCLLI	23	>EGFR-G796, QLMPFACLLI	17	6
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>EGFR-G796, QLMPFGCLLI	111	>EGFR-G796, QLMPFACLLI	134	23
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>EGFR-G796, QLMPFGCL	1014	>EGFR-G796, QLMPFACL	410	604
>EGFR-G796, QLMPFGCLLI	124	>EGFR-G796, QLMPFACLLI	121	3
>EGFR-G796, QLMPFGCLLI	537	>EGFR-G796, QLMPFACLLI	317	220
>EGFR-G796, QLMPFGCLLI	550	>EGFR-G796, QLMPFACLLI	406	144
>EGFR-G796, TQLMPFGCLI	623	>EGFR-G796, TQLMPFACLI	454	169
>EGFR-G796, TQLMPFGC	325	>EGFR-G796, TQLMPFAC	188	137
>EGFR-G796, TQLMPFGCL	200	>EGFR-G796, TQLMPFACL	34	166
>EGFR-G796, TQLMPFGCLI	128	>EGFR-G796, TQLMPFACLI	231	103
>EGFR-G796, TQLMPFGCL	581	>EGFR-G796, TQLMPFACL	68	513
>EGFR-G796, TQLMPFGCLI	251	>EGFR-G796, TQLMPFACLI	155	96

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>EGFR-G796,ITQLMPFGCL	719	>EGFR-G796,ITQLMPFACL	181	538
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>EGFR-G796,ITQLMPFGCL	132	>EGFR-G796,ITQLMPFACL	111	21
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>EGFR-G796,LITQLMPFG	9976	>EGFR-G796,LITQLMPFA	458	9518
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>EGFR-G796,LITQLMPFGC	1123	>EGFR-G796,LITQLMPFAC	348	775
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>EGFR-G796,LITQLMPFGC	623	>EGFR-G796,LITQLMPFAC	93	530
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>EGFR-G796,QLITQLMPFG	13769	>EGFR-G796,QLITQLMPFA	395	13374
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>EGFR-G796!GCLLDYVR	361	>EGFR-G796!SCLLDYVR	73	288
>EGFR-G796!FGCLLDYV	218	>EGFR-G796!FSCCLLDYV	90	128
>EGFR-G796!FGCLLDYV	151	>EGFR-G796!FSCCLLDYV	59	92
>EGFR-G796!FGCLLDYV	862	>EGFR-G796!FSCCLLDYV	426	436
>EGFR-G796!FGCLLDYVR	1663	>EGFR-G796!FSCCLLDYVR	249	1414
>EGFR-G796!FGCLLDYVR	2597	>EGFR-G796!FSCCLLDYVR	99	2498
>EGFR-G796!FGCLLDYVR	542	>EGFR-G796!FSCCLLDYVR	36	506
>EGFR-G796!FGCLLDYV	1571	>EGFR-G796!FSCCLLDYV	94	1477
>EGFR-G796!FGCLLDYVR	78	>EGFR-G796!FSCCLLDYVR	159	81
>EGFR-G796!PFGCLLDYV	2162	>EGFR-G796!PFSCCLLDYV	491	1671
>EGFR-G796!PFGCLLDY	31	>EGFR-G796!PFSCCLLDY	23	8
>EGFR-G796!PFGCLLDYVR	1752	>EGFR-G796!PFSCCLLDYVR	355	1397
>EGFR-G796!PFGCLLDY	341	>EGFR-G796!PFSCCLLDY	1061	720
>EGFR-G796!PFGCLLDY	700	>EGFR-G796!PFSCCLLDY	268	432
>EGFR-G796!PFGCLLDYVR	35	>EGFR-G796!PFSCCLLDYVR	47	12
>EGFR-G796!MPFGCLLDY	79	>EGFR-G796!MPFSCCLLDY	37	42
>EGFR-G796!MPFGCLLDY\	8	>EGFR-G796!MPFSCCLLDYV	6	2
>EGFR-G796!MPFGCLLDY\	203	>EGFR-G796!MPFSCCLLDYV	126	77

>EGFR-G796!MPFGCLLDY\	131	>EGFR-G796!MPFSCLLDYV	171	40
>EGFR-G796!MPFGCLLDY\	399	>EGFR-G796!MPFSCLLDYV	667	268
>EGFR-G796!MPFGCLLDY	17	>EGFR-G796!MPFSCLLDY	21	4
>EGFR-G796!MPFGCLLDY	770	>EGFR-G796!MPFSCLLDY	251	519
>EGFR-G796!MPFGCLLDY\	498	>EGFR-G796!MPFSCLLDYV	200	298
>EGFR-G796!MPFGCLLDY\	425	>EGFR-G796!MPFSCLLDYV	434	9
>EGFR-G796!MPFGCLLDY\	63	>EGFR-G796!MPFSCLLDYV	44	19
>EGFR-G796!MPFGCLLDY\	282	>EGFR-G796!MPFSCLLDYV	174	108
>EGFR-G796!MPFGCLLDY	359	>EGFR-G796!MPFSCLLDY	108	251
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>EGFR-G796!MPFGCLLDY	297	>EGFR-G796!MPFSCLLDY	590	293
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>EGFR-G796!MPFGCLLDY	13	>EGFR-G796!MPFSCLLDY	10	3
>EGFR-G796!MPFGCLLD	63	>EGFR-G796!MPFSCLLD	83	20
>EGFR-G796!MPFGCLLDY	254	>EGFR-G796!MPFSCLLDY	567	313
>EGFR-G796!MPFGCLLDY\	25	>EGFR-G796!MPFSCLLDYV	17	8
>EGFR-G796!MPFGCLLDY\	43	>EGFR-G796!MPFSCLLDYV	57	14
>EGFR-G796!MPFGCLLDY	616	>EGFR-G796!MPFSCLLDY	259	357
>EGFR-G796!MPFGCLLDY	1087	>EGFR-G796!MPFSCLLDY	261	826
>EGFR-G796!MPFGCLLDY	95	>EGFR-G796!MPFSCLLDY	43	52
>EGFR-G796!MPFGCLLDY	101	>EGFR-G796!MPFSCLLDY	378	277
>EGFR-G796!MPFGCLLDY	494	>EGFR-G796!MPFSCLLDY	834	340
>EGFR-G796!MPFGCLLDY\	32	>EGFR-G796!MPFSCLLDYV	40	8
>EGFR-G796!LMPFGCLLDY	930	>EGFR-G796!LMPFSCLLDY	482	448
>EGFR-G796!LMPFGCLL	297	>EGFR-G796!LMPFSCLL	171	126
>EGFR-G796!LMPFGCLLDY	24	>EGFR-G796!LMPFSCLLDY	25	1
>EGFR-G796!LMPFGCLL	71	>EGFR-G796!LMPFSCLL	31	40
>EGFR-G796!LMPFGCLLDY	12	>EGFR-G796!LMPFSCLLDY	10	2
>EGFR-G796!LMPFGCLL	80	>EGFR-G796!LMPFSCLL	58	22
>EGFR-G796!LMPFGCLLDY	8	>EGFR-G796!LMPFSCLLDY	8	0
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>EGFR-G796!LMPFGCLL	35	>EGFR-G796!LMPFSCLL	48	13
>EGFR-G796!LMPFGCLLDY	3	>EGFR-G796!LMPFSCLLDY	4	1
>EGFR-G796!LMPFGCLL	522	>EGFR-G796!LMPFSCLL	386	136
>EGFR-G796!LMPFGCLLDY	14	>EGFR-G796!LMPFSCLLDY	15	1
>EGFR-G796!LMPFGCLL	83	>EGFR-G796!LMPFSCLL	116	33
>EGFR-G796!LMPFGCLLDY	8	>EGFR-G796!LMPFSCLLDY	10	2
>EGFR-G796!LMPFGCLL	489	>EGFR-G796!LMPFSCLL	219	270
>EGFR-G796!LMPFGCLLDY	6	>EGFR-G796!LMPFSCLLDY	7	1
>EGFR-G796!LMPFGCLL	8	>EGFR-G796!LMPFSCLL	10	2
>EGFR-G796!LMPFGCLLDY	3	>EGFR-G796!LMPFSCLLDY	4	1

>EGFR-G796!LMPFGCLLDY	254	>EGFR-G796!LMPFSCLLDY	385	131
>EGFR-G796!LMPFGCLLDY	326	>EGFR-G796!LMPFSCLLDY	121	205
>EGFR-G796!LMPFGCLLDY	259	>EGFR-G796!LMPFSCLLDY	319	60
>EGFR-G796!LMPFGCLLDY	97	>EGFR-G796!LMPFSCLLDY	140	43
>EGFR-G796!LMPFGCLLDY	117	>EGFR-G796!LMPFSCLLDY	101	16
>EGFR-G796!LMPFGCLLDY	596	>EGFR-G796!LMPFSCLLDY	142	454
>EGFR-G796!LMPFGCLL	9	>EGFR-G796!LMPFSCLL	9	0
>EGFR-G796!LMPFGCLLDY	509	>EGFR-G796!LMPFSCLLDY	168	341
>EGFR-G796!LMPFGCLLDY	344	>EGFR-G796!LMPFSCLLDY	238	106
>EGFR-G796!QLMPFGCL	215	>EGFR-G796!QLMPFSCL	48	167
>EGFR-G796!QLMPFGCLL	39	>EGFR-G796!QLMPFSCLL	15	24
>EGFR-G796!QLMPFGCL	30	>EGFR-G796!QLMPFSCL	9	21
>EGFR-G796!QLMPFGCLL	8	>EGFR-G796!QLMPFSCLL	4	4
>EGFR-G796!QLMPFGCL	212	>EGFR-G796!QLMPFSCL	81	131
>EGFR-G796!QLMPFGCLL	53	>EGFR-G796!QLMPFSCLL	29	24
>EGFR-G796!QLMPFGCL	201	>EGFR-G796!QLMPFSCL	58	143
>EGFR-G796!QLMPFGCLL	45	>EGFR-G796!QLMPFSCLL	22	23
>EGFR-G796!QLMPFGCL	123	>EGFR-G796!QLMPFSCL	65	58
>EGFR-G796!QLMPFGCLL	17	>EGFR-G796!QLMPFSCLL	14	3
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>EGFR-G796!QLMPFGCLL	42	>EGFR-G796!QLMPFSCLL	17	25
>EGFR-G796!QLMPFGCL	485	>EGFR-G796!QLMPFSCL	202	283
>EGFR-G796!QLMPFGCLL	96	>EGFR-G796!QLMPFSCLL	62	34
>EGFR-G796!QLMPFGCL	77	>EGFR-G796!QLMPFSCL	13	64
>EGFR-G796!QLMPFGCLL	37	>EGFR-G796!QLMPFSCLL	8	29
>EGFR-G796!QLMPFGCL	36	>EGFR-G796!QLMPFSCL	11	25
>EGFR-G796!QLMPFGCLL	4	>EGFR-G796!QLMPFSCLL	3	1
>EGFR-G796!QLMPFGCLL	522	>EGFR-G796!QLMPFSCLLD	293	229
>EGFR-G796!QLMPFGCLL	15	>EGFR-G796!QLMPFSCLLD	15	0
>EGFR-G796!QLMPFGCLL	328	>EGFR-G796!QLMPFSCLLD	225	103
>EGFR-G796!QLMPFGCLL	2135	>EGFR-G796!QLMPFSCLL	244	1891
>EGFR-G796!QLMPFGCLL	1222	>EGFR-G796!QLMPFSCLL	255	967
>EGFR-G796!QLMPFGCLL	639	>EGFR-G796!QLMPFSCLL	156	483
>EGFR-G796!QLMPFGCLL	23	>EGFR-G796!QLMPFSCLLD	18	5
>EGFR-G796!QLMPFGCL	1080	>EGFR-G796!QLMPFSCL	223	857
>EGFR-G796!QLMPFGCLL	111	>EGFR-G796!QLMPFSCLLD	95	16
>EGFR-G796!QLMPFGCLL	92	>EGFR-G796!QLMPFSCLLD	114	22
>EGFR-G796!QLMPFGCL	1014	>EGFR-G796!QLMPFSCL	213	801
>EGFR-G796!QLMPFGCLL	124	>EGFR-G796!QLMPFSCLLD	92	32
>EGFR-G796!QLMPFGCLL	537	>EGFR-G796!QLMPFSCLLD	371	166
>EGFR-G796!TQLMPFGCL	623	>EGFR-G796!TQLMPFSCLL	409	214
>EGFR-G796!TQLMPFGC	325	>EGFR-G796!TQLMPFSC	258	67
>EGFR-G796!TQLMPFGCL	200	>EGFR-G796!TQLMPFSCL	64	136

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>EGFR-G796!TQLMPFGCLI	251	>EGFR-G796!TQLMPFSCLL	86	165
>EGFR-G796!TQLMPFGCL	626	>EGFR-G796!TQLMPFSCL	121	505
>EGFR-G796!TQLMPFGCLI	420	>EGFR-G796!TQLMPFSCLL	131	289
>EGFR-G796!ITQLMPFGCL	365	>EGFR-G796!ITQLMPFSCL	140	225
>EGFR-G796!ITQLMPFGCL	17	>EGFR-G796!ITQLMPFSCLI	14	3
>EGFR-G796!ITQLMPFGCL	719	>EGFR-G796!ITQLMPFSCL	366	353
>EGFR-G796!ITQLMPFGCL	120	>EGFR-G796!ITQLMPFSCLI	79	41
>EGFR-G796!ITQLMPFGCL	187	>EGFR-G796!ITQLMPFSCL	253	66
>EGFR-G796!ITQLMPFGCL	132	>EGFR-G796!ITQLMPFSCLI	104	28
>EGFR-G796!ITQLMPFGCL	686	>EGFR-G796!ITQLMPFSCL	171	515
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>EGFR-G796!QLITQLMPFGC	502	>EGFR-G796!QLITQLMPFS	364	138
>EGFR-G810!GSQYLLNW	29	>EGFR-G810!DSQYLLNW	705	676
>EGFR-G810!GSQYLLNW	328	>EGFR-G810!DSQYLLNW	1865	1537
>EGFR-G810!GSQYLLNW	47	>EGFR-G810!DSQYLLNW	858	811
>EGFR-G810!IGSQYLLNW	58	>EGFR-G810!IDSQYLLNW	3488	3430
>EGFR-G810!IGSQYLLNW	35	>EGFR-G810!IDSQYLLNW	2806	2771
>EGFR-G810!IGSQYLLNWC	12834	>EGFR-G810!IDSQYLLNWC	127	12707
>EGFR-G810!NIGSQYLL	248	>EGFR-G810!NIDSQYLL	214	34
>EGFR-G810!DNIGSQYLL	620	>EGFR-G810!DNIDSQYLL	347	273
>EGFR-G810!KDNIGSQYLL	329	>EGFR-G810!KDNIDSQYLL	163	166
>EGFR-G810!HKDNIGSQY	198	>EGFR-G810!HKDNIDSQY	942	744
>EGFR-G810!HKDNIGSQYL	372	>EGFR-G810!HKDNIDSQYL	860	488
>EGFR-G810!HKDNIGSQYL	71	>EGFR-G810!HKDNIDSQYL	125	54
>EGFR-G810!HKDNIGSQY	125	>EGFR-G810!HKDNIDSQY	570	445
>EGFR-G810!REHKDNIGSC	364	>EGFR-G810!REHKDNIDSC	580	216
>EGFR-G810!REHKDNIGSC	104	>EGFR-G810!REHKDNIDSC	249	145
>EGFR-G810!REHKDNIGSC	360	>EGFR-G810!REHKDNIDSC	367	7
>EGFR-G810!REHKDNIGS	394	>EGFR-G810!REHKDNIDS	618	224
>EGFR-G810!REHKDNIGSC	362	>EGFR-G810!REHKDNIDSC	775	413
>EGFR-G810!GSQYLLNWC	2146	>EGFR-G810!SSQYLLNWC	384	1762
>EGFR-G810!GSQYLLNW	29	>EGFR-G810!SSQYLLNW	22	7
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>EGFR-G810!GSQYLLNW	47	>EGFR-G810!SSQYLLNW	36	11
>EGFR-G810!GSQYLLNWC	1216	>EGFR-G810!SSQYLLNWC	285	931
>EGFR-G810!IGSQYLLNWC	936	>EGFR-G810!ISSQYLLNWC	359	577
>EGFR-G810!IGSQYLLNW	58	>EGFR-G810!ISSQYLLNW	4	54
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>EGFR-G810!IGSQYLLNW	523	>EGFR-G810!ISSQYLLNW	50	473
>EGFR-G810!IGSQYLLNW	35	>EGFR-G810!ISSQYLLNW	10	25
>EGFR-G810!IGSQYLLNW	739	>EGFR-G810!ISSQYLLNW	304	435

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>EGFR-G810!REHKDNIGSC	360	>EGFR-G810!REHKDNISSQ	401	41
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>EGFR-G857!GLAKLLGA	13	>EGFR-G857!ELAKLLGA	229	216
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>EGFR-G857!GLAKLLGAEE	347	>EGFR-G857!ELAKLLGAEEI	2935	2588
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>EGFR-G857!FGLAKLLGA	123	>EGFR-G857!FELAKLLGA	105	18
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>EGFR-G857!ITDFGLAKL	6	>EGFR-G857!ITDFELAKL	15	9
>EGFR-G857!ITDFGLAKLL	15	>EGFR-G857!ITDFELAKLL	29	14
>EGFR-G857!ITDFGLAKL	748	>EGFR-G857!ITDFELAKL	411	337
>EGFR-G857!ITDFGLAKLL	276	>EGFR-G857!ITDFELAKLL	188	88
>EGFR-G857!ITDFGLAKL	97	>EGFR-G857!ITDFELAKL	484	387
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>EGFR-G857IKITDFGLAKL	91	>EGFR-G857IKITDFELAKL	71	20
>EGFR-G857IKITDFGLAKLL	228	>EGFR-G857IKITDFELAKLL	236	8
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>EGFR-G857IKITDFGLAKL	81	>EGFR-G857IKITDFELAKL	120	39
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>EGFR-G857IKITDFGLAKL	432	>EGFR-G857IKITDFELAKL	255	177
>EGFR-G857IKITDFGLAKLL	462	>EGFR-G857IKITDFELAKLL	557	95
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>EGFR-G857IVKITDFGLAK	252	>EGFR-G857IVKITDFELAK	285	33
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>EGFR-G857IGLAKLLGA	235	>EGFR-G857IRLAKLLGA	85	150
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>EGFR-G857IGLAKLLGAEE	347	>EGFR-G857IRLAKLLGAEEI	76	271
>EGFR-G857IGLAKLLGAEE	630	>EGFR-G857IRLAKLLGAEEI	288	342
>EGFR-G857IFGLAKLLGA	123	>EGFR-G857IFRLAKLLGA	1387	1264
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>EGFR-G857IITDFGLAK	33	>EGFR-G857IITDFRLAK	27	6
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>EGFR-G857IITDFGLAKL	6	>EGFR-G857IITDFRLAKL	8	2
>EGFR-G857IITDFGLAKLL	15	>EGFR-G857IITDFRLAKLL	24	9
>EGFR-G857IITDFGLAKLL	276	>EGFR-G857IITDFRLAKLL	338	62
>EGFR-G857IITDFGLAKL	97	>EGFR-G857IITDFRLAKL	230	133
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>EGFR-G857IITDFGLAKLL	613	>EGFR-G857IITDFRLAKLL	380	233
>EGFR-G857IKITDFGLAKL	91	>EGFR-G857IKITDFRLAKL	142	51
>EGFR-G857IKITDFGLAKLL	228	>EGFR-G857IKITDFRLAKLL	400	172
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>EGFR-G857IKITDFGLAKL	432	>EGFR-G857IKITDFRLAKL	449	17
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>EGFR-G857IKITDFGLAKL	29	>EGFR-G857IKITDFRLAKL	35	6
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>EGFR-G857IKITDFGLAK	102	>EGFR-G857IKITDFRLAK	74	28
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>EGFR-G857IVKITDFGL	279	>EGFR-G857IVKITDFRL	275	4
>EGFR-G857IVKITDFGLAK	252	>EGFR-G857IVKITDFRLAK	221	31
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>EGFR-G857IHVKITDFGL	328	>EGFR-G857IHVKITDFRL	269	59
>EGFR-G857IHVKITDFG	32875	>EGFR-G857IHVKITDFR	61	32814
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>EGFR-G863ILGAEKEYH,	1255	>EGFR-G863ILLDAEKEYH,	334	921
>EGFR-G863ILGAEKEYH,	248	>EGFR-G863ILLDAEKEYH,	244	4
>EGFR-G863ILGAEKEYH,	181	>EGFR-G863ILLDAEKEYH,	70	111
>EGFR-G863ILGAEKEYH,	186	>EGFR-G863ILLDAEKEYH,	100	86
>EGFR-G863ILGAEKEYH,	194	>EGFR-G863ILLDAEKEYH,	78	116
>EGFR-G863ILGAEKEYH,	24	>EGFR-G863ILLDAEKEYH,	31	7
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>EGFR-G863KLLGAEK	322	>EGFR-G863KLLDAEK	234	88
>EGFR-G863KLLGAEKEY	552	>EGFR-G863KLLDAEKEY	312	240
>EGFR-G863KLLGAEKEY	551	>EGFR-G863KLLDAEKEY	349	202
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>EGFR-G863LAKLLGAEK	377	>EGFR-G863LAKLLDAEK	961	584
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>EGFR-G863GLAKLLGA	32	>EGFR-G863GLAKLLDA	106	74
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>EGFR-G863GLAKLLGA	31	>EGFR-G863GLAKLLDA	82	51
>EGFR-G863GLAKLLGAEE	347	>EGFR-G863GLAKLLDAEE	1068	721
>EGFR-G863IFGLAKLLGA	123	>EGFR-G863IFGLAKLLDA	2552	2429
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>EGFR-G863!LLGAEKEYH,	248	>EGFR-G863!LLSAEKEYH/	35	213
>EGFR-G863!LLGAEKEYH,	2439	>EGFR-G863!LLSAEKEYH/	299	2140
>EGFR-G863!LLGAEKEYH,	181	>EGFR-G863!LLSAEKEYH/	295	114
>EGFR-G863!LLGAEKEYH,	186	>EGFR-G863!LLSAEKEYH/	230	44
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>EGFR-G863!LLGAEKEYH,	24	>EGFR-G863!LLSAEKEYH/	18	6
>EGFR-G863!LLGAEKEY	615	>EGFR-G863!LLSAEKEY	413	202
>EGFR-G863!KLLGAEK	169	>EGFR-G863!KLLSAEK	128	41
>EGFR-G863!KLLGAEK	322	>EGFR-G863!KLLSAEK	172	150
>EGFR-G863!KLLGAEK	623	>EGFR-G863!KLLSAEK	410	213
>EGFR-G863!KLLGAEKEY	833	>EGFR-G863!KLLSAEKEY	387	446
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>EGFR-G863!AKLLGAEKE'	23	>EGFR-G863!AKLLSAEKEY	12	11
>EGFR-G863!LAKLLGAEK	377	>EGFR-G863!LAKLLSAEK	159	218

>EGFR-G863!LAKLLGAEEK	1217	>EGFR-G863!LAKLLSAEEK	316	901
>EGFR-G863!GLAKLLGA	216	>EGFR-G863!GLAKLLSA	124	92
>EGFR-G863!GLAKLLGA	32	>EGFR-G863!GLAKLLSA	21	11
>EGFR-G863!GLAKLLGA	13	>EGFR-G863!GLAKLLSA	10	3
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>EGFR-G863!GLAKLLGA	251	>EGFR-G863!GLAKLLSA	224	27
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>EGFR-G863!GLAKLLGAEE	347	>EGFR-G863!GLAKLLSAEEI	252	95
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>EGFR-G863!FGLAKLLGA	123	>EGFR-G863!FGLAKLLSA	85	38
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>EGFR-G863!TDFGLAKLLG	657	>EGFR-G863!TDFGLAKLLS/	209	448
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>EGFR-G873!EGGKVPIKW	18250	>EGFR-G873!EEGKVPIKW	483	17767
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>EGFR-G873!EGGKVPIKWI	26287	>EGFR-G873!EEGKVPIKWI	16	26271
>EGFR-G873!EGGKVPIKWI	35588	>EGFR-G873!EEGKVPIKWI	491	35097
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>EGFR-G873!AEGGKVPI	177	>EGFR-G873!AEEGKVPI	603	426
>EGFR-G873!AEGGKVPIKM	76	>EGFR-G873!AEEGKVPIKM	19	57
>EGFR-G873!AEGGKVPIKM	137	>EGFR-G873!AEEGKVPIKM	70	67
>EGFR-G873!AEGGKVPIKM	222	>EGFR-G873!AEEGKVPIKM	388	166
>EGFR-G873!AEGGKVPI	54	>EGFR-G873!AEEGKVPI	78	24
>EGFR-G873!AEGGKVPIKM	278	>EGFR-G873!AEEGKVPIKM	347	69
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>EGFR-G873!HAEGGKVPIK	134	>EGFR-G873!HAEEGKVPIK	112	22
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>EGFR-G873!HAEGGKVPIK	476	>EGFR-G873!HAEEGKVPIK	1567	1091
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>EGFR-G873!YHAEGGKVPI	306	>EGFR-G873!YHAEEGKVPI	512	206
>EGFR-G873!YHAEGGKVPI	22	>EGFR-G873!YHAEEGKVPI	35	13
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>EGFR-G873!EYHAEGGKVI	270	>EGFR-G873!EYHAEEGKVFI	301	31
>EGFR-G873!EYHAEGGK	758	>EGFR-G873!EYHAEEGK	356	402
>EGFR-G873!KEYHAEGGK\	130	>EGFR-G873!KEYHAEEGKV	121	9
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>EGFR-G874!GGKVPIKW	6915	>EGFR-G874!GSKVPIKW	333	6582
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>EGFR-G874!AEEKEYHAEG	580	>EGFR-G874!AEEKEYHAEG	180	400
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>EGFR-G874!AEGGKVPI	177	>EGFR-G874!AEGSKVPI	208	31
>EGFR-G874!AEGGKVPIKW	76	>EGFR-G874!AEGSKVPIKW	85	9
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>EGFR-G874!AEGGKVPIKW	222	>EGFR-G874!AEGSKVPIKW	230	8
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>EGFR-G874!HAEGGKVPIK	448	>EGFR-G874!HAEGSKVPIK	321	127
>EGFR-G874!HAEGGKVPIK	476	>EGFR-G874!HAEGSKVPIK	461	15
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>EGFR-G874!YHAEGGKVPI	486	>EGFR-G874!YHAEGSKVPI	282	204
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>EGFR-G874!EYHAEGGKVI	270	>EGFR-G874!EYHAEGSKVP	317	47
>EGFR-G874!KEYHAEGGK\	130	>EGFR-G874!KEYHAEGSKV	122	8
>EGFR-G874!KEYHAEGGK\	722	>EGFR-G874!KEYHAEGSKV	453	269
>EGFR-G874!KEYHAEGGK\	509	>EGFR-G874!KEYHAEGSKV	402	107
>EGFR-G874!KEYHAEGGK\	65	>EGFR-G874!KEYHAEGSKV	39	26
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>EGFR-H773IPHVCRLGI	15502	>EGFR-H773IPLVCRLGI	471	15031

>EGFR-H773I PHVCRLGI	27933	>EGFR-H773I PLVCRLGI	435	27498
>EGFR-H773I AYVMASVDN	19788	>EGFR-H773I AYVMASVDN	30	19758
>EGFR-H773I AYVMASVDN	10890	>EGFR-H773I AYVMASVDN	67	10823
>EGFR-H773I NPHVCRLI	65	>EGFR-H773I NPLVCRLI	191	126
>EGFR-H773I SVDNPHVCRI	75	>EGFR-H773I SVDNPLVCRL	58	17
>EGFR-H773I SVDNPHVCRI	449	>EGFR-H773I SVDNPLVCRL	156	293
>EGFR-H773I SVDNPHVCRI	204	>EGFR-H773I SVDNPLVCRL	149	55
>EGFR-H773I SVDNPHVCR	184	>EGFR-H773I SVDNPLVCR	168	16
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>EGFR-H773I ASVDNPHV	291	>EGFR-H773I ASVDNPLV	374	83
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>EGFR-H773I ASVDNPHVCI	423	>EGFR-H773I ASVDNPLVCF	147	276
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>EGFR-H773I VMASVDNPH	19588	>EGFR-H773I VMASVDNPL	20	19568
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>EGFR-H773IVMASVDNPF	3	>EGFR-H773IVMASVDNPL	3	0
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>EGFR-H773IVMASVDNPF	661	>EGFR-H773IVMASVDNPL	190	471
>EGFR-H773IVMASVDNPF	1650	>EGFR-H773IVMASVDNPL	200	1450
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>EGFR-H773IYVMASVDNP	457	>EGFR-H773IYVMASVDNP	2192	1735
>EGFR-H773IYVMASVDNP	23641	>EGFR-H773IYVMASVDNP	74	23567
>EGFR-H773IYVMASVDNP	17	>EGFR-H773IYVMASVDNP	17	0
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>EGFR-H773IYVMASVDNP	2919	>EGFR-H773IYVMASVDNP	416	2503
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>EGFR-H773ISVDNPHVCRI	449	>EGFR-H773ISVDNPRVCRI	763	314
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>EGFR-H773IASVDNPHVCI	389	>EGFR-H773IASVDNPRVCI	1458	1069
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>EGFR-H773IASVDNPHVCI	423	>EGFR-H773IASVDNPRVCI	313	110
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>EGFR-H773IVMASVDNPF	75	>EGFR-H773IVMASVDNPR	1400	1325
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>EGFR-H773IVMASVDNPF	32309	>EGFR-H773IVMASVDNPR	306	32003
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>EGFR-H773IYVMASVDNP	4	>EGFR-H773IYVMASVDNP	3	1
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>EGFR-H773IYVMASVDNP	457	>EGFR-H773IYVMASVDNP	948	491
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>EGFR-H773IYVMASVDNP	9394	>EGFR-H773IYVMASVDNP	210	9184
>EGFR-H773IYVMASVDNP	662	>EGFR-H773IYVMASVDNP	4	658
>EGFR-H773IYVMASVDNP	17	>EGFR-H773IYVMASVDNP	20	3
>EGFR-H773IYVMASVDNP	7	>EGFR-H773IYVMASVDNP	8	1
>EGFR-H773IYVMASVDNP	424	>EGFR-H773IYVMASVDNP	6589	6165
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>EGFR-H773'HVCRLGICL	2291	>EGFR-H773'YVCRLGICL	201	2090
>EGFR-H773'HVCRLG	5296	>EGFR-H773'YVCRLG	138	5158
>EGFR-H773'HVCRLG	8676	>EGFR-H773'YVCRLG	478	8198
>EGFR-H773'HVCRLGICL	662	>EGFR-H773'YVCRLGICL	326	336
>EGFR-H773'PHVCRLG	17306	>EGFR-H773'PYVCRLG	314	16992
>EGFR-H773'PHVCRLG	23164	>EGFR-H773'PYVCRLG	416	22748
>EGFR-H773'AYVMASVDN	10487	>EGFR-H773'AYVMASVDN	177	10310
>EGFR-H773'AYVMASVDN	11113	>EGFR-H773'AYVMASVDN	243	10870
>EGFR-H773'AYVMASVDN	27047	>EGFR-H773'AYVMASVDN	269	26778
>EGFR-H773'NPHVCRL	65	>EGFR-H773'NPYVCRL	68	3
>EGFR-H773'NPHVCRL	1234	>EGFR-H773'NPYVCRL	327	907
>EGFR-H773'NPHVCRLG	1801	>EGFR-H773'NPYVCRLG	222	1579
>EGFR-H773'VDNPHVCRL	538	>EGFR-H773'VDNPHYVCRL	222	316
>EGFR-H773'VDNPHVCRL	719	>EGFR-H773'VDNPHYVCRL	480	239
>EGFR-H773'SVDNPHVCRI	75	>EGFR-H773'SVDNPHYVCRL	54	21
>EGFR-H773'SVDNPHVCRI	449	>EGFR-H773'SVDNPHYVCRL	217	232
>EGFR-H773'SVDNPHVCRI	204	>EGFR-H773'SVDNPHYVCRL	136	68

>EGFR-H773'SVDNPHVCR	184	>EGFR-H773'SVDNPYVCR	101	83
>EGFR-H773'SVDNPHVCR	237	>EGFR-H773'SVDNPYVCR	271	34
>EGFR-H773'SVDNPHVCR	118	>EGFR-H773'SVDNPYVCR	175	57
>EGFR-H773'SVDNPHVCRI	627	>EGFR-H773'SVDNPYVCRI	388	239
>EGFR-H773'ASVDNPHV	291	>EGFR-H773'ASVDNPYV	142	149
>EGFR-H773'ASVDNPHV	918	>EGFR-H773'ASVDNPYV	142	776
>EGFR-H773'ASVDNPHVCI	300	>EGFR-H773'ASVDNPYVCI	106	194
>EGFR-H773'ASVDNPHVCI	389	>EGFR-H773'ASVDNPYVCI	742	353
>EGFR-H773'ASVDNPHVCI	113	>EGFR-H773'ASVDNPYVCI	118	5
>EGFR-H773'ASVDNPHVCI	423	>EGFR-H773'ASVDNPYVCI	172	251
>EGFR-H773'ASVDNPHV	1074	>EGFR-H773'ASVDNPYV	367	707
>EGFR-H773'ASVDNPHV	496	>EGFR-H773'ASVDNPYV	456	40
>EGFR-H773'ASVDNPHVCI	6	>EGFR-H773'ASVDNPYVCI	6	0
>EGFR-H773'ASVDNPHVCI	154	>EGFR-H773'ASVDNPYVCI	133	21
>EGFR-H773'MASVDNPHV	2817	>EGFR-H773'MASVDNPYV	401	2416
>EGFR-H773'MASVDNPHV	1391	>EGFR-H773'MASVDNPYV	174	1217
>EGFR-H773'MASVDNPHV	162	>EGFR-H773'MASVDNPYV	42	120
>EGFR-H773'MASVDNPHV	2835	>EGFR-H773'MASVDNPYV	306	2529
>EGFR-H773'MASVDNPHV	1303	>EGFR-H773'MASVDNPYV	442	861
>EGFR-H773'MASVDNPHV	3192	>EGFR-H773'MASVDNPYV	132	3060
>EGFR-H773'MASVDNPHV	162	>EGFR-H773'MASVDNPYV	64	98
>EGFR-H773'MASVDNPH	16517	>EGFR-H773'MASVDNPY	236	16281
>EGFR-H773'MASVDNPH	11329	>EGFR-H773'MASVDNPY	65	11264
>EGFR-H773'MASVDNPHV	74	>EGFR-H773'MASVDNPYV	56	18
>EGFR-H773'MASVDNPHV	268	>EGFR-H773'MASVDNPYV	272	4
>EGFR-H773'MASVDNPH	3002	>EGFR-H773'MASVDNPY	410	2592
>EGFR-H773'MASVDNPHV	9	>EGFR-H773'MASVDNPYV	9	0
>EGFR-H773'MASVDNPHV	258	>EGFR-H773'MASVDNPYV	75	183
>EGFR-H773'MASVDNPHV	161	>EGFR-H773'MASVDNPYV	31	130
>EGFR-H773'MASVDNPH	9174	>EGFR-H773'MASVDNPY	163	9011
>EGFR-H773'MASVDNPH	6008	>EGFR-H773'MASVDNPY	229	5779
>EGFR-H773'MASVDNPH	14726	>EGFR-H773'MASVDNPY	74	14652
>EGFR-H773'MASVDNPH	55	>EGFR-H773'MASVDNPY	8	47
>EGFR-H773'MASVDNPH	17490	>EGFR-H773'MASVDNPY	261	17229
>EGFR-H773'MASVDNPH	32300	>EGFR-H773'MASVDNPY	427	31873
>EGFR-H773'MASVDNPH	5323	>EGFR-H773'MASVDNPY	120	5203
>EGFR-H773'VMASVDNPH	148	>EGFR-H773'VMASVDNPY	23	125
>EGFR-H773'VMASVDNPH	84	>EGFR-H773'VMASVDNPY	20	64
>EGFR-H773'VMASVDNPH	209	>EGFR-H773'VMASVDNPY	52	157
>EGFR-H773'VMASVDNPH	303	>EGFR-H773'VMASVDNPY	109	194
>EGFR-H773'VMASVDNPH	3	>EGFR-H773'VMASVDNPY	2	1
>EGFR-H773'VMASVDNPH	37	>EGFR-H773'VMASVDNPY	37	0
>EGFR-H773'VMASVDNPH	7	>EGFR-H773'VMASVDNPY	4	3

>EGFR-H773'VMASVDNPF	258	>EGFR-H773'VMASVDNPY	186	72
>EGFR-H773'VMASVDNPF	5	>EGFR-H773'VMASVDNPY	5	0
>EGFR-H773'VMASVDNPF	6	>EGFR-H773'VMASVDNPY	3	3
>EGFR-H773'VMASVDNPF	233	>EGFR-H773'VMASVDNPY	225	8
>EGFR-H773'VMASVDNPF	3	>EGFR-H773'VMASVDNPY	3	0
>EGFR-H773'VMASVDNPF	75	>EGFR-H773'VMASVDNPY	244	169
>EGFR-H773'VMASVDNPF	4211	>EGFR-H773'VMASVDNPY	23	4188
>EGFR-H773'VMASVDNPF	889	>EGFR-H773'VMASVDNPY	8	881
>EGFR-H773'VMASVDNPF	17986	>EGFR-H773'VMASVDNPY	334	17652
>EGFR-H773'VMASVDNPF	661	>EGFR-H773'VMASVDNPY	33	628
>EGFR-H773'VMASVDNPF	1511	>EGFR-H773'VMASVDNPY	38	1473
>EGFR-H773'VMASVDNPF	1650	>EGFR-H773'VMASVDNPY	25	1625
>EGFR-H773'VMASVDNPF	655	>EGFR-H773'VMASVDNPY	33	622
>EGFR-H773'VMASVDNPF	32594	>EGFR-H773'VMASVDNPY	259	32335
>EGFR-H773'YVMASVDNP	10	>EGFR-H773'YVMASVDNP	7	3
>EGFR-H773'YVMASVDNP	13	>EGFR-H773'YVMASVDNP	4	9
>EGFR-H773'YVMASVDNP	8	>EGFR-H773'YVMASVDNP	5	3
>EGFR-H773'YVMASVDNP	4	>EGFR-H773'YVMASVDNP	3	1
>EGFR-H773'YVMASVDNP	8	>EGFR-H773'YVMASVDNP	3	5
>EGFR-H773'YVMASVDNP	7	>EGFR-H773'YVMASVDNP	4	3
>EGFR-H773'YVMASVDNP	10	>EGFR-H773'YVMASVDNP	8	2
>EGFR-H773'YVMASVDNP	4	>EGFR-H773'YVMASVDNP	2	2
>EGFR-H773'YVMASVDNP	3	>EGFR-H773'YVMASVDNP	3	0
>EGFR-H773'YVMASVDNP	12283	>EGFR-H773'YVMASVDNP	448	11835
>EGFR-H773'YVMASVDNP	6749	>EGFR-H773'YVMASVDNP	110	6639
>EGFR-H773'YVMASVDNP	397	>EGFR-H773'YVMASVDNP	7	390
>EGFR-H773'YVMASVDNP	457	>EGFR-H773'YVMASVDNP	462	5
>EGFR-H773'YVMASVDNP	7334	>EGFR-H773'YVMASVDNP	170	7164
>EGFR-H773'YVMASVDNP	16887	>EGFR-H773'YVMASVDNP	137	16750
>EGFR-H773'YVMASVDNP	12984	>EGFR-H773'YVMASVDNP	69	12915
>EGFR-H773'YVMASVDNP	662	>EGFR-H773'YVMASVDNP	70	592
>EGFR-H773'YVMASVDNP	17	>EGFR-H773'YVMASVDNP	11	6
>EGFR-H773'YVMASVDNP	7	>EGFR-H773'YVMASVDNP	4	3
>EGFR-H773'YVMASVDNP	12932	>EGFR-H773'YVMASVDNP	63	12869
>EGFR-H773'YVMASVDNP	424	>EGFR-H773'YVMASVDNP	39	385
>EGFR-H773'YVMASVDNP	655	>EGFR-H773'YVMASVDNP	28	627
>EGFR-H773'YVMASVDNP	2919	>EGFR-H773'YVMASVDNP	64	2855
>EGFR-H773'YVMASVDNP	8635	>EGFR-H773'YVMASVDNP	58	8577
>EGFR-H773'YVMASVDNP	10447	>EGFR-H773'YVMASVDNP	43	10404
>EGFR-H805IHKDNIGSQY	198	>EGFR-H805IHKDNIGSQY	81	117
>EGFR-H805IHKDNIGSQYL	1188	>EGFR-H805IHKDNIGSQYL	449	739
>EGFR-H805IHKDNIGSQYL	372	>EGFR-H805IHKDNIGSQYL	6756	6384
>EGFR-H805IHKDNIGSQYL	71	>EGFR-H805IHKDNIGSQYLL	1774	1703

>EGFR-H805IHKDNIGSQY	125	>EGFR-H805IHKDNIGSQY	30	95
>EGFR-H805IEHKDNIGSQY	23228	>EGFR-H805IEIKDNIGSQYI	396	22832
>EGFR-H805IEHKDNIGSQ	7874	>EGFR-H805IEIKDNIGSQ	164	7710
>EGFR-H805IEHKDNIGSQY	2618	>EGFR-H805IEIKDNIGSQY	98	2520
>EGFR-H805IEHKDNIGSQ	15361	>EGFR-H805IEIKDNIGSQ	146	15215
>EGFR-H805IEHKDNIGSQY	5707	>EGFR-H805IEIKDNIGSQY	277	5430
>EGFR-H805IEHKDNIGSQY	13333	>EGFR-H805IEIKDNIGSQYI	74	13259
>EGFR-H805IEHKDNIGSQY	2566	>EGFR-H805IEIKDNIGSQY	27	2539
>EGFR-H805IEHKDNIGSQY	19124	>EGFR-H805IEIKDNIGSQYI	453	18671
>EGFR-H805IEHKDNIGSQY	19681	>EGFR-H805IEIKDNIGSQYI	429	19252
>EGFR-H805IEHKDNIGSQY	13218	>EGFR-H805IEIKDNIGSQY	409	12809
>EGFR-H805IREHKDNIGSC	364	>EGFR-H805IREIKDNIGSQ`	222	142
>EGFR-H805IREHKDNIGSC	104	>EGFR-H805IREIKDNIGSQ`	95	9
>EGFR-H805IREHKDNIGSC	773	>EGFR-H805IREIKDNIGSQ`	393	380
>EGFR-H805IREHKDNIGSC	984	>EGFR-H805IREIKDNIGSQ`	457	527
>EGFR-H805IREHKDNIGSC	360	>EGFR-H805IREIKDNIGSQ`	133	227
>EGFR-H805IREHKDNIGS	394	>EGFR-H805IREIKDNIGS	906	512
>EGFR-H805IREHKDNIGSC	362	>EGFR-H805IREIKDNIGSQ`	308	54
>EGFR-H805IREHKDNIGSC	1211	>EGFR-H805IREIKDNIGSQ`	456	755
>EGFR-H805ILDYVREHKDN	101	>EGFR-H805ILDYVREIKDN	86	15
>EGFR-H805ILDYVREHKDN	286	>EGFR-H805ILDYVREIKDN	246	40
>EGFR-H805ILDYVREHKDN	387	>EGFR-H805ILDYVREIKDN	260	127
>EGFR-H805ILDYVREHKDN	62	>EGFR-H805ILDYVREIKDN	89	27
>EGFR-H805ILLDYVREH	22436	>EGFR-H805ILLDYVREI	212	22224
>EGFR-H805ILLDYVREH	15925	>EGFR-H805ILLDYVREI	195	15730
>EGFR-H805ILLDYVREH	13441	>EGFR-H805ILLDYVREI	21	13420
>EGFR-H805ILLDYVREH	21735	>EGFR-H805ILLDYVREI	219	21516
>EGFR-H805ILLDYVREH	23139	>EGFR-H805ILLDYVREI	162	22977
>EGFR-H805ILLDYVREH	22426	>EGFR-H805ILLDYVREI	132	22294
>EGFR-H805ICLLDYVREH	18476	>EGFR-H805ICLLDYVREI	19	18457
>EGFR-H805ICLLDYVREH	7180	>EGFR-H805ICLLDYVREI	134	7046
>EGFR-H805ICLLDYVREH	17840	>EGFR-H805ICLLDYVREI	43	17797
>EGFR-H805ICLLDYVREH	24092	>EGFR-H805ICLLDYVREI	262	23830
>EGFR-H805ICLLDYVREH	4523	>EGFR-H805ICLLDYVREI	3	4520
>EGFR-H805ICLLDYVREH	15843	>EGFR-H805ICLLDYVREI	17	15826
>EGFR-H805ICLLDYVREH	21672	>EGFR-H805ICLLDYVREI	128	21544
>EGFR-H805ICLLDYVREH	16425	>EGFR-H805ICLLDYVREI	10	16415
>EGFR-H805ICLLDYVREH	12038	>EGFR-H805ICLLDYVREI	14	12024
>EGFR-H805ICLLDYVREHK	74	>EGFR-H805ICLLDYVREIK	127	53
>EGFR-H805ICLLDYVREHK	144	>EGFR-H805ICLLDYVREIK	247	103
>EGFR-H835IHRDLAARNV	62	>EGFR-H835ILRDLAARNVL	617	555
>EGFR-H835IHRDLAARNV	21	>EGFR-H835ILRDLAARNVL	167	146
>EGFR-H835IHRDLAARNV	347	>EGFR-H835ILRDLAARNVL	2132	1785

>EGFR-H835IVHRDLAARN'	20516	>EGFR-H835IVLRDLAARN\	367	20149
>EGFR-H835IVHRDLAARN'	22870	>EGFR-H835IVLRDLAARN\	170	22700
>EGFR-H835IVHRDLAARN'	22280	>EGFR-H835IVLRDLAARN\	217	22063
>EGFR-H835IVHRDLAARN'	17449	>EGFR-H835IVLRDLAARN\	22	17427
>EGFR-H835IVHRDLAARN'	26256	>EGFR-H835IVLRDLAARN\	453	25803
>EGFR-H835IVHRDLAARN'	23594	>EGFR-H835IVLRDLAARN\	171	23423
>EGFR-H835IVHRDLAARN'	21853	>EGFR-H835IVLRDLAARN\	98	21755
>EGFR-H835IVHRDLAARN'	23398	>EGFR-H835IVLRDLAARN\	175	23223
>EGFR-H835IVHRDLAARN'	11828	>EGFR-H835IVLRDLAARN\	3	11825
>EGFR-H835IVHRDLAARN'	23461	>EGFR-H835IVLRDLAARN\	7	23454
>EGFR-H835IVHRDLAAR	2598	>EGFR-H835IVLRDLAAR	56	2542
>EGFR-H835IVHRDLAAR	4332	>EGFR-H835IVLRDLAAR	189	4143
>EGFR-H835IVHRDLAARN'	471	>EGFR-H835IVLRDLAARN\	10842	10371
>EGFR-H835IMNYLEDRRLL	13421	>EGFR-H835IMNYLEDRRLL	403	13018
>EGFR-H835ILVHRDLAARN	138	>EGFR-H835ILVLRDLAARN	443	305
>EGFR-H835ILVHRDLAA	1073	>EGFR-H835ILVLRDLAA	82	991
>EGFR-H835ILVHRDLAARN	787	>EGFR-H835ILVLRDLAARN	144	643
>EGFR-H835ILVHRDLAARN	542	>EGFR-H835ILVLRDLAARN	132	410
>EGFR-H835ILVHRDLAARN	2053	>EGFR-H835ILVLRDLAARN	348	1705
>EGFR-H835ILVHRDLAARN	5771	>EGFR-H835ILVLRDLAARN	207	5564
>EGFR-H835ILVHRDLAARN	72	>EGFR-H835ILVLRDLAARN	43	29
>EGFR-H835ILVHRDLAA	291	>EGFR-H835ILVLRDLAA	3168	2877
>EGFR-H835ILVHRDLAARN	474	>EGFR-H835ILVLRDLAARN	3786	3312
>EGFR-H835ILVHRDLAAR	34	>EGFR-H835ILVLRDLAAR	34	0
>EGFR-H835ILVHRDLAAR	867	>EGFR-H835ILVLRDLAAR	394	473
>EGFR-H835ILVHRDLAAR	174	>EGFR-H835ILVLRDLAAR	425	251
>EGFR-H835ILVHRDLAARN	4547	>EGFR-H835ILVLRDLAARN	180	4367
>EGFR-H835IRLVHRDLA	174	>EGFR-H835IRLVLRDLA	646	472
>EGFR-H835IRLVHRDLAA	166	>EGFR-H835IRLVLRDLAA	613	447
>EGFR-H835IRLVHRDLAA	344	>EGFR-H835IRLVLRDLAA	1172	828
>EGFR-H835IRLVHRDLA	452	>EGFR-H835IRLVLRDLA	670	218
>EGFR-H835IRLVHRDLAAF	26	>EGFR-H835IRLVLRDLAAR	33	7
>EGFR-H835IRLVHRDLAAF	136	>EGFR-H835IRLVLRDLAAR	176	40
>EGFR-H835IRLVHRDLAAF	132	>EGFR-H835IRLVLRDLAAR	107	25
>EGFR-H835IRRLVHRDL	220	>EGFR-H835IRRLVLRDL	403	183
>EGFR-H835IRRLVHRDL	45	>EGFR-H835IRRLVLRDL	23	22
>EGFR-H835IRRLVHRDLA	102	>EGFR-H835IRRLVLRDLA	48	54
>EGFR-H835IRRLVHRDLAA	34	>EGFR-H835IRRLVLRDLAA	19	15
>EGFR-H835IRRLVHRDLAA	29	>EGFR-H835IRRLVLRDLAA	20	9
>EGFR-H835IRRLVHRDL	15	>EGFR-H835IRRLVLRDL	8	7
>EGFR-H835IRRLVHRDLA	91	>EGFR-H835IRRLVLRDLA	48	43
>EGFR-H835IRRLVHRDLAA	38	>EGFR-H835IRRLVLRDLAA	31	7
>EGFR-H835IRRLVHRDLAA	224	>EGFR-H835IRRLVLRDLAA	140	84

>EGFR-H835I RRLVHRDL	34	>EGFR-H835I RRLVLRDL	16	18
>EGFR-H835I RRLVHRDLA	57	>EGFR-H835I RRLVLRDLA	44	13
>EGFR-H835I RRLVHRDLAA	72	>EGFR-H835I RRLVLRDLAA	37	35
>EGFR-H835I RRLVHRDLAA	121	>EGFR-H835I RRLVLRDLAA	107	14
>EGFR-H835I RRLVHRDLAA	625	>EGFR-H835I RRLVLRDLAA	454	171
>EGFR-H835I DRRLVHRDL	652	>EGFR-H835I DRRLVLRDL	489	163
>EGFR-H835I DRRLVHRDL	505	>EGFR-H835I DRRLVLRDL	303	202
>EGFR-H835I LEDRRLVHRC	355	>EGFR-H835I LEDRRLVLRD	71	284
>EGFR-H835I LEDRRLVH	12693	>EGFR-H835I LEDRRLVL	100	12593
>EGFR-H835I LEDRRLVHRC	275	>EGFR-H835I LEDRRLVLRD	326	51
>EGFR-H835I LEDRRLVHRC	1197	>EGFR-H835I LEDRRLVLRD	323	874
>EGFR-H835I YLEDRRLVH	22076	>EGFR-H835I YLEDRRLVL	456	21620
>EGFR-H835I YLEDRRLVH	19923	>EGFR-H835I YLEDRRLVL	182	19741
>EGFR-H835I YLEDRRLVH	21046	>EGFR-H835I YLEDRRLVL	217	20829
>EGFR-H835I YLEDRRLVH	24865	>EGFR-H835I YLEDRRLVL	285	24580
>EGFR-H835I YLEDRRLVH	2373	>EGFR-H835I YLEDRRLVL	3	2370
>EGFR-H835I YLEDRRLVHR	418	>EGFR-H835I YLEDRRLVLR	374	44
>EGFR-H835I YLEDRRLVHR	253	>EGFR-H835I YLEDRRLVLR	1088	835
>EGFR-H835I YLEDRRLVHR	229	>EGFR-H835I YLEDRRLVLR	198	31
>EGFR-H835I YLEDRRLVHR	420	>EGFR-H835I YLEDRRLVLR	106	314
>EGFR-H835I YLEDRRLVHR	1518	>EGFR-H835I YLEDRRLVLR	298	1220
>EGFR-H835I YLEDRRLVH	17351	>EGFR-H835I YLEDRRLVL	459	16892
>EGFR-H835I YLEDRRLVH	9535	>EGFR-H835I YLEDRRLVL	83	9452
>EGFR-H835I YLEDRRLVH	20961	>EGFR-H835I YLEDRRLVL	246	20715
>EGFR-H835I YLEDRRLVHR	93	>EGFR-H835I YLEDRRLVLR	106	13
>EGFR-H835I YLEDRRLVHR	162	>EGFR-H835I YLEDRRLVLR	232	70
>EGFR-H835I NYLEDRRLVH	20195	>EGFR-H835I NYLEDRRLVL	292	19903
>EGFR-H835I NYLEDRRLVH	4930	>EGFR-H835I NYLEDRRLVL	26	4904
>EGFR-H835I NYLEDRRLVH	159	>EGFR-H835I NYLEDRRLVL	180	21
>EGFR-H835I NYLEDRRLVH	17	>EGFR-H835I NYLEDRRLVL	17	0
>EGFR-H835I NYLEDRRLVH	26	>EGFR-H835I NYLEDRRLVL	38	12
>EGFR-H850I HVKITDFGLA	276	>EGFR-H850I DVKITDFGLA	3044	2768
>EGFR-H850I HVKITDFG	229	>EGFR-H850I DVKITDFG	10969	10740
>EGFR-H850I HVKITDFGL	168	>EGFR-H850I DVKITDFGL	11527	11359
>EGFR-H850I HVKITDFGLA	33	>EGFR-H850I DVKITDFGLA	7230	7197
>EGFR-H850I HVKITDFGLA	4	>EGFR-H850I DVKITDFGLA	460	456
>EGFR-H850I HVKITDFGLA	201	>EGFR-H850I DVKITDFGLA	6382	6181
>EGFR-H850I HVKITDFGLA	1803	>EGFR-H850I DVKITDFGLA	484	1319
>EGFR-H850I HVKITDFGLA	130	>EGFR-H850I DVKITDFGLA	118	12
>EGFR-H850I HVKITDFGL	328	>EGFR-H850I DVKITDFGL	10380	10052
>EGFR-H850I QHVKITDF	107	>EGFR-H850I QDVKITDF	1902	1795
>EGFR-H850I QHVKITDFGL	380	>EGFR-H850I QDVKITDFGL	14984	14604
>EGFR-H850I PQHVKITDF	82	>EGFR-H850I PQDVKITDF	2280	2198

>EGFR-H850ITPQHVKITDF	80	>EGFR-H850ITPQDVKITDF	137	57
>EGFR-H850ITPQHVKITDF	125	>EGFR-H850ITPQDVKITDF	216	91
>EGFR-H850ITPQHVKITDF	234	>EGFR-H850ITPQDVKITDF	378	144
>EGFR-H850IKTPQHVKITD	461	>EGFR-H850IKTPQDVKITD	720	259
>EGFR-H850IKTPQHVKI	23	>EGFR-H850IKTPQDVKI	46	23
>EGFR-H850IKTPQHVKITD	41	>EGFR-H850IKTPQDVKITD	73	32
>EGFR-H850IKTPQHVKI	299	>EGFR-H850IKTPQDVKI	918	619
>EGFR-H850IKTPQHVKITD	44	>EGFR-H850IKTPQDVKITD	105	61
>EGFR-H850IKTPQHVKI	33	>EGFR-H850IKTPQDVKI	227	194
>EGFR-H850IKTPQHVKIT	77	>EGFR-H850IKTPQDVKIT	881	804
>EGFR-H850IKTPQHVKITD	7	>EGFR-H850IKTPQDVKITD	18	11
>EGFR-H850IKTPQHVKI	51	>EGFR-H850IKTPQDVKI	44	7
>EGFR-H850IVKTPQHVKI	395	>EGFR-H850IVKTPQDVKI	1356	961
>EGFR-H850LVKTPQHV	262	>EGFR-H850LVKTPQDV	776	514
>EGFR-H850LVKTPQHV	42	>EGFR-H850LVKTPQDV	168	126
>EGFR-H850LVKTPQHVK	322	>EGFR-H850LVKTPQDVK	2669	2347
>EGFR-H850LVKTPQHVK	207	>EGFR-H850LVKTPQDVK	1161	954
>EGFR-H850LVKTPQHV	173	>EGFR-H850LVKTPQDV	1842	1669
>EGFR-H850LVKTPQHVK	15	>EGFR-H850LVKTPQDVK	128	113
>EGFR-H850LVKTPQHVKI	126	>EGFR-H850LVKTPQDVKI	1240	1114
>EGFR-H850LVKTPQHVK	399	>EGFR-H850LVKTPQDVK	5896	5497
>EGFR-H850LVKTPQHVK	357	>EGFR-H850LVKTPQDVK	661	304
>EGFR-H850VLVKTQHV	476	>EGFR-H850VLVKTQDV	2025	1549
>EGFR-H850VLVKTQHV	215	>EGFR-H850VLVKTQDV	871	656
>EGFR-H850VLVKTQHV	22	>EGFR-H850VLVKTQDV	41	19
>EGFR-H850VLVKTQHVk	269	>EGFR-H850VLVKTQDVk	480	211
>EGFR-H850VLVKTQHV	248	>EGFR-H850VLVKTQDV	2205	1957
>EGFR-H850VLVKTQHV	3	>EGFR-H850VLVKTQDV	9	6
>EGFR-H850VLVKTQHVk	25	>EGFR-H850VLVKTQDVk	70	45
>EGFR-H850VLVKTQHV	6	>EGFR-H850VLVKTQDV	31	25
>EGFR-H850VLVKTQHVk	241	>EGFR-H850VLVKTQDVk	201	40
>EGFR-H850VLVKTQHV	7	>EGFR-H850VLVKTQDV	13	6
>EGFR-H850VLVKTQHVk	97	>EGFR-H850VLVKTQDVk	96	1
>EGFR-H850VLVKTQHV	30	>EGFR-H850VLVKTQDV	146	116
>EGFR-H850VLVKTQHV	3	>EGFR-H850VLVKTQDV	5	2
>EGFR-H850VLVKTQHVk	26	>EGFR-H850VLVKTQDVk	46	20
>EGFR-H850VLVKTQHVk	415	>EGFR-H850VLVKTQDVk	1393	978
>EGFR-H850NVLVKTQHV	424	>EGFR-H850NVLVKTQDV	1592	1168
>EGFR-H850NVLVKTQHV	178	>EGFR-H850NVLVKTQDV	840	662
>EGFR-H850NVLVKTQHV	179	>EGFR-H850NVLVKTQDV	494	315
>EGFR-H850NVLVKTQHV	269	>EGFR-H850NVLVKTQDV	574	305
>EGFR-H850NVLVKTQHV	225	>EGFR-H850NVLVKTQDV	676	451
>EGFR-H850NVLVKTQHV	318	>EGFR-H850NVLVKTQDV	535	217

>EGFR-H850INVLVKTPQH	29	>EGFR-H850INVLVKTPQD	117	88
>EGFR-H850IHVKITDFGLA	276	>EGFR-H850INVKITDFGLA	543	267
>EGFR-H850IHVKITDFG	229	>EGFR-H850INVKITDFG	8278	8049
>EGFR-H850IHVKITDFGL	168	>EGFR-H850INVKITDFGL	8770	8602
>EGFR-H850IHVKITDFGLA	33	>EGFR-H850INVKITDFGLA	3819	3786
>EGFR-H850IHVKITDFGLA	4	>EGFR-H850INVKITDFGLA	69	65
>EGFR-H850IHVKITDFGLA	201	>EGFR-H850INVKITDFGLA	2295	2094
>EGFR-H850IHVKITDFGLA	130	>EGFR-H850INVKITDFGLA	134	4
>EGFR-H850IHVKITDFGL	328	>EGFR-H850INVKITDFGL	7874	7546
>EGFR-H850IQHVKITDF	107	>EGFR-H850IQNVKITDF	634	527
>EGFR-H850IQHVKITDFGL	380	>EGFR-H850IQNVKITDFGL	11031	10651
>EGFR-H850IPQHVKITDF	82	>EGFR-H850IPQNVKITDF	115	33
>EGFR-H850ITPQHVKITDF	80	>EGFR-H850ITPQNVKITDF	28	52
>EGFR-H850ITPQHVKITDF	125	>EGFR-H850ITPQNVKITDF	143	18
>EGFR-H850ITPQHVKITDF	234	>EGFR-H850ITPQNVKITDF	553	319
>EGFR-H850IKTPQHVKITD	461	>EGFR-H850IKTPQNVKITD	1151	690
>EGFR-H850IKTPQHVKI	23	>EGFR-H850IKTPQNVKI	22	1
>EGFR-H850IKTPQHVKITD	41	>EGFR-H850IKTPQNVKITD	43	2
>EGFR-H850IKTPQHVKI	299	>EGFR-H850IKTPQNVKI	414	115
>EGFR-H850IKTPQHVKITD	44	>EGFR-H850IKTPQNVKITD	41	3
>EGFR-H850IKTPQHVKI	33	>EGFR-H850IKTPQNVKI	53	20
>EGFR-H850IKTPQHVKIT	77	>EGFR-H850IKTPQNVKIT	290	213
>EGFR-H850IKTPQHVKITD	7	>EGFR-H850IKTPQNVKITD	11	4
>EGFR-H850IKTPQHVKI	51	>EGFR-H850IKTPQNVKI	71	20
>EGFR-H850IVKTPQHVKI	395	>EGFR-H850IVKTPQNVKI	521	126
>EGFR-H850LVKTPQHV	262	>EGFR-H850LVKTPQNV	208	54
>EGFR-H850LVKTPQHV	42	>EGFR-H850LVKTPQNV	81	39
>EGFR-H850LVKTPQHVK	322	>EGFR-H850LVKTPQNVK	461	139
>EGFR-H850LVKTPQHVK	207	>EGFR-H850LVKTPQNVK	870	663
>EGFR-H850LVKTPQHV	173	>EGFR-H850LVKTPQNV	246	73
>EGFR-H850LVKTPQHVK	15	>EGFR-H850LVKTPQNVK	13	2
>EGFR-H850LVKTPQHVKI	126	>EGFR-H850LVKTPQNVKI	205	79
>EGFR-H850LVKTPQHVK	399	>EGFR-H850LVKTPQNVK	2007	1608
>EGFR-H850LVKTPQHVK	357	>EGFR-H850LVKTPQNVK	586	229
>EGFR-H850VLVVKTPQHV	476	>EGFR-H850VLVVKTPQNV	414	62
>EGFR-H850VLVVKTPQHV	215	>EGFR-H850VLVVKTPQNV	167	48
>EGFR-H850VLVVKTPQHVK	703	>EGFR-H850VLVVKTPQNVK	451	252
>EGFR-H850VLVVKTPQHVK	22	>EGFR-H850VLVVKTPQNV	15	7
>EGFR-H850VLVVKTPQHVK	269	>EGFR-H850VLVVKTPQNVK	232	37
>EGFR-H850VLVVKTPQHVK	248	>EGFR-H850VLVVKTPQNV	978	730
>EGFR-H850VLVVKTPQHVK	3	>EGFR-H850VLVVKTPQNV	3	0
>EGFR-H850VLVVKTPQHVK	25	>EGFR-H850VLVVKTPQNVK	36	11
>EGFR-H850VLVVKTPQHVK	6	>EGFR-H850VLVVKTPQNV	10	4



>EGFR-H850I VLVKTPQHVK	241	>EGFR-H850I VLVKTPQNVK	157	84
>EGFR-H850I VLVKTPQHV	7	>EGFR-H850I VLVKTPQNV	8	1
>EGFR-H850I VLVKTPQHVK	97	>EGFR-H850I VLVKTPQNVK	102	5
>EGFR-H850I VLVKTPQHV	30	>EGFR-H850I VLVKTPQNV	11	19
>EGFR-H850I VLVKTPQHV	3	>EGFR-H850I VLVKTPQNV	3	0
>EGFR-H850I VLVKTPQHVK	26	>EGFR-H850I VLVKTPQNVK	34	8
>EGFR-H850I VLVKTPQHVK	415	>EGFR-H850I VLVKTPQNVK	1032	617
>EGFR-H850I NVLVKTPQH\	521	>EGFR-H850I NVLVKTPQN\	278	243
>EGFR-H850I NVLVKTPQH\	424	>EGFR-H850I NVLVKTPQN\	502	78
>EGFR-H850I NVLVKTPQH\	178	>EGFR-H850I NVLVKTPQN\	369	191
>EGFR-H850I NVLVKTPQH\	179	>EGFR-H850I NVLVKTPQN\	91	88
>EGFR-H850I NVLVKTPQH\	269	>EGFR-H850I NVLVKTPQN\	337	68
>EGFR-H850I NVLVKTPQH\	225	>EGFR-H850I NVLVKTPQN\	540	315
>EGFR-H850I NVLVKTPQH\	318	>EGFR-H850I NVLVKTPQN\	477	159
>EGFR-H850I NVLVKTPQH\	29	>EGFR-H850I NVLVKTPQN\	18	11
>EGFR-H870I HAEGGKVPK	176	>EGFR-H870I NAEGGKVPK	2224	2048
>EGFR-H870I HAEGGKVPK	134	>EGFR-H870I NAEGGKVPK	150	16
>EGFR-H870I HAEGGKVPK	165	>EGFR-H870I NAEGGKVPK	2468	2303
>EGFR-H870I HAEGGKVPK	448	>EGFR-H870I NAEGGKVPK	4275	3827
>EGFR-H870I HAEGGKVPK	476	>EGFR-H870I NAEGGKVPK	6299	5823
>EGFR-H870I YHAEGGKVPK	486	>EGFR-H870I YNAEGGKVPK	2551	2065
>EGFR-H870I YHAEGGKVPK	306	>EGFR-H870I YNAEGGKVPK	7876	7570
>EGFR-H870I YHAEGGKVPK	22	>EGFR-H870I YNAEGGKVPK	832	810
>EGFR-H870I EYHAEGGKVI	173	>EGFR-H870I EYNAEGGKVI	229	56
>EGFR-H870I EYHAEGGKVI	270	>EGFR-H870I EYNAEGGKVI	1211	941
>EGFR-H870I KEYHAEGGK\	130	>EGFR-H870I KEYNAEGGK\	255	125
>EGFR-H870I KEYHAEGGK\	65	>EGFR-H870I KEYNAEGGK\	44	21
>EGFR-H870I EEKEYHAE	180	>EGFR-H870I EEKEYNAE	615	435
>EGFR-H870I EEKEYHAE	142	>EGFR-H870I EEKEYNAE	443	301
>EGFR-H870I AEEKEYHAE	412	>EGFR-H870I AEEKEYNAE	267	145
>EGFR-H870I AEEKEYHA	15	>EGFR-H870I AEEKEYNA	14	1
>EGFR-H870I AEEKEYHAE	159	>EGFR-H870I AEEKEYNAE	550	391
>EGFR-H870I AEEKEYHAE	75	>EGFR-H870I AEEKEYNAE	103	28
>EGFR-H870I LLGAEKEYH.	248	>EGFR-H870I LLGAEKEYN.	166	82
>EGFR-H870I LLGAEKEYH.	181	>EGFR-H870I LLGAEKEYN.	215	34
>EGFR-H870I LLGAEKEYH.	186	>EGFR-H870I LLGAEKEYN.	293	107
>EGFR-H870I LLGAEKEYH.	194	>EGFR-H870I LLGAEKEYN.	339	145
>EGFR-H870I LLGAEKEYH.	24	>EGFR-H870I LLGAEKEYN.	26	2
>EGFR-H870I HAEGGKVPK	675	>EGFR-H870I RAEGGKVPK	165	510
>EGFR-H870I HAEGGKVPK	3208	>EGFR-H870I RAEGGKVPK	437	2771
>EGFR-H870I HAEGGKVPK	176	>EGFR-H870I RAEGGKVPK	39	137
>EGFR-H870I HAEGGKVPK	134	>EGFR-H870I RAEGGKVPK	1113	979
>EGFR-H870I HAEGGKVPK	165	>EGFR-H870I RAEGGKVPK	81	84

>EGFR-H870IHAEGGKVPIK	448	>EGFR-H870IRAEGGKVPIK	69	379
>EGFR-H870IHAEGGKVPIK	476	>EGFR-H870IRAEGGKVPIK	277	199
>EGFR-H870IHAEGGKVPI	1627	>EGFR-H870IRAEGGKVPI	393	1234
>EGFR-H870IYHAEGGKVPI	486	>EGFR-H870IYRAEGGKVPI	152	334
>EGFR-H870IYHAEGGKVPI	306	>EGFR-H870IYRAEGGKVPI	5301	4995
>EGFR-H870IYHAEGGKV	19621	>EGFR-H870IYRAEGGKV	278	19343
>EGFR-H870IYHAEGGKVPI	15363	>EGFR-H870IYRAEGGKVPI	164	15199
>EGFR-H870IYHAEGGKVPI	22	>EGFR-H870IYRAEGGKVPI	31	9
>EGFR-H870IKLLGAEKEYI	3884	>EGFR-H870IKLLGAEKEYI	40	3844
>EGFR-H870IKLLGAEKEYI	11686	>EGFR-H870IKLLGAEKEYI	19	11667
>EGFR-H870IEYHAEGGKVF	173	>EGFR-H870IEYRAEGGKVF	924	751
>EGFR-H870IEYHAEGGKVF	270	>EGFR-H870IEYRAEGGKVF	1640	1370
>EGFR-H870IKEYHAEGGK\	130	>EGFR-H870IKEYRAEGGK\	126	4
>EGFR-H870IKEYHAEGGK\	65	>EGFR-H870IKEYRAEGGK\	35	30
>EGFR-H870IEEKEYHAE	180	>EGFR-H870IEEKEYRAE	733	553
>EGFR-H870IEEKEYHAE	142	>EGFR-H870IEEKEYRAE	632	490
>EGFR-H870IAEEKEYHAE	412	>EGFR-H870IAEEKEYRAE	818	406
>EGFR-H870IAEEKEYHAE	15	>EGFR-H870IAEEKEYRAE	16	1
>EGFR-H870IAEEKEYHAE	159	>EGFR-H870IAEEKEYRAE	615	456
>EGFR-H870IAEEKEYHAE	75	>EGFR-H870IAEEKEYRAE	100	25
>EGFR-H870IGAEKEYH	16836	>EGFR-H870IGAEKEYR	457	16379
>EGFR-H870ILGAEKEYH	24920	>EGFR-H870ILGAEKEYR	309	24611
>EGFR-H870ILLGAEKEYH,	248	>EGFR-H870ILLGAEKEYR,	296	48
>EGFR-H870ILLGAEKEYH,	181	>EGFR-H870ILLGAEKEYR,	132	49
>EGFR-H870ILLGAEKEYH,	186	>EGFR-H870ILLGAEKEYR,	414	228
>EGFR-H870ILLGAEKEYH,	194	>EGFR-H870ILLGAEKEYR,	520	326
>EGFR-H870ILLGAEKEYH,	24	>EGFR-H870ILLGAEKEYR,	17	7
>EGFR-H870ILLGAEKEYH	29848	>EGFR-H870ILLGAEKEYR	158	29690
>EGFR-H870'HAEGGKVPIK	176	>EGFR-H870'YAEGGKVPIK	54	122
>EGFR-H870'HAEGGKVPIK	134	>EGFR-H870'YAEGGKVPIK	102	32
>EGFR-H870'HAEGGKVPIK	165	>EGFR-H870'YAEGGKVPIK	481	316
>EGFR-H870'HAEGGKVPIK	448	>EGFR-H870'YAEGGKVPIK	360	88
>EGFR-H870'HAEGGKVPIK	874	>EGFR-H870'YAEGGKVPIK	247	627
>EGFR-H870'HAEGGKVPIK	476	>EGFR-H870'YAEGGKVPIK	1381	905
>EGFR-H870'YHAEGGKVPI	7087	>EGFR-H870'YYAEGGKVPI	23	7064
>EGFR-H870'YHAEGGKV	1702	>EGFR-H870'YYAEGGKV	217	1485
>EGFR-H870'YHAEGGKV	2423	>EGFR-H870'YYAEGGKV	258	2165
>EGFR-H870'YHAEGGKV	1678	>EGFR-H870'YYAEGGKV	64	1614
>EGFR-H870'YHAEGGKV	19205	>EGFR-H870'YYAEGGKV	105	19100
>EGFR-H870'YHAEGGKVPI	14126	>EGFR-H870'YYAEGGKVPI	15	14111
>EGFR-H870'YHAEGGKVPI	486	>EGFR-H870'YYAEGGKVPI	4294	3808
>EGFR-H870'YHAEGGKVPI	306	>EGFR-H870'YYAEGGKVPI	7529	7223
>EGFR-H870'YHAEGGKVPI	22	>EGFR-H870'YYAEGGKVPI	909	887

>EGFR-H870`KLLGAEKEYI	2686	>EGFR-H870`KLLGAEKEY`	398	2288
>EGFR-H870`KLLGAEKEYI	13098	>EGFR-H870`KLLGAEKEY`	195	12903
>EGFR-H870`KLLGAEKEYI	12489	>EGFR-H870`KLLGAEKEY`	154	12335
>EGFR-H870`KLLGAEKEYI	19972	>EGFR-H870`KLLGAEKEY`	384	19588
>EGFR-H870`KLLGAEKEYI	15268	>EGFR-H870`KLLGAEKEY`	427	14841
>EGFR-H870`EYHAEGGKVI	173	>EGFR-H870`EYHAEGGKVF	323	150
>EGFR-H870`EYHAEGGKVI	270	>EGFR-H870`EYHAEGGKVF	258	12
>EGFR-H870`EYHAEGGK	758	>EGFR-H870`EYHAEGGK	240	518
>EGFR-H870`EYHAEGGK	1512	>EGFR-H870`EYHAEGGK	424	1088
>EGFR-H870`KEYHAEGGK\	130	>EGFR-H870`KEYHAEGGKV	135	5
>EGFR-H870`KEYHAEGGK\	509	>EGFR-H870`KEYHAEGGKV	235	274
>EGFR-H870`KEYHAEGGK\	1252	>EGFR-H870`KEYHAEGGKV	382	870
>EGFR-H870`KEYHAEGGK\	65	>EGFR-H870`KEYHAEGGKV	26	39
>EGFR-H870`EEKEYHAE	180	>EGFR-H870`EEKEYYAE	172	8
>EGFR-H870`EEKEYHAE	142	>EGFR-H870`EEKEYYAE	162	20
>EGFR-H870`AEEKEYHAE	412	>EGFR-H870`AEEKEYYAE	215	197
>EGFR-H870`AEEKEYHAE	870	>EGFR-H870`AEEKEYYAE	460	410
>EGFR-H870`AEEKEYHA	15	>EGFR-H870`AEEKEYYA	9	6
>EGFR-H870`AEEKEYHAE	159	>EGFR-H870`AEEKEYYAE	153	6
>EGFR-H870`AEEKEYHAE	75	>EGFR-H870`AEEKEYYAE	42	33
>EGFR-H870`AEEKEYHAE	580	>EGFR-H870`AEEKEYYAE	451	129
>EGFR-H870`LLGAEKEYH,	1255	>EGFR-H870`LLGAEKEYY/	276	979
>EGFR-H870`LLGAEKEYH,	248	>EGFR-H870`LLGAEKEYY/	55	193
>EGFR-H870`LLGAEKEYH,	181	>EGFR-H870`LLGAEKEYY/	30	151
>EGFR-H870`LLGAEKEYH,	186	>EGFR-H870`LLGAEKEYY/	82	104
>EGFR-H870`LLGAEKEYH,	194	>EGFR-H870`LLGAEKEYY/	114	80
>EGFR-H870`LLGAEKEYH,	1976	>EGFR-H870`LLGAEKEYY/	164	1812
>EGFR-H870`LLGAEKEYH,	24	>EGFR-H870`LLGAEKEYY/	13	11
>EGFR-H870`LLGAEKEYH	20230	>EGFR-H870`LLGAEKEYY	406	19824
>EGFR-H870`LLGAEKEYH	12066	>EGFR-H870`LLGAEKEYY	314	11752
>EGFR-I706T`ILKETEFKKI	144	>EGFR-I706T`TLKETEFKKI	199	55
>EGFR-I706T`ILKETEFKKI	259	>EGFR-I706T`TLKETEFKKI	1144	885
>EGFR-I706T`ILKETEFKKI	63	>EGFR-I706T`TLKETEFKKI	248	185
>EGFR-I706T`ILKETEFK	129	>EGFR-I706T`TLKETEFK	250	121
>EGFR-I706T`ILKETEFKK	144	>EGFR-I706T`TLKETEFKK	263	119
>EGFR-I706T`ILKETEFK	431	>EGFR-I706T`TLKETEFK	165	266
>EGFR-I706T`ILKETEFKK	502	>EGFR-I706T`TLKETEFKK	173	329
>EGFR-I706T`ILKETEFK	97	>EGFR-I706T`TLKETEFK	190	93
>EGFR-I706T`ILKETEFKK	235	>EGFR-I706T`TLKETEFKK	510	275
>EGFR-I706T`ILKETEFKKIK	224	>EGFR-I706T`TLKETEFKKIK	473	249
>EGFR-I706T`ILKETEFK	352	>EGFR-I706T`TLKETEFK	97	255
>EGFR-I706T`ILKETEFKK	708	>EGFR-I706T`TLKETEFKK	204	504
>EGFR-I706T`RILKETEFK	83	>EGFR-I706T`RTLKETEFK	110	27

>EGFR-I706T RILKETEFKK	111	>EGFR-I706T RTLKETEFKK	177	66
>EGFR-I706T RILKETEFK	23	>EGFR-I706T RTLKETEFK	16	7
>EGFR-I706T RILKETEFKK	58	>EGFR-I706T RTLKETEFKK	20	38
>EGFR-I706T RILKETEF	267	>EGFR-I706T RTLKETEF	75	192
>EGFR-I706T RILKETEFK	37	>EGFR-I706T RTLKETEFK	12	25
>EGFR-I706T RILKETEFKK	71	>EGFR-I706T RTLKETEFKK	20	51
>EGFR-I706T RILKETEFKKI	2042	>EGFR-I706T RTLKETEFKKI	482	1560
>EGFR-I706T RILKETEFK	508	>EGFR-I706T RTLKETEFK	126	382
>EGFR-I706T RILKETEF	40	>EGFR-I706T RTLKETEF	15	25
>EGFR-I706T RILKETEFKKI	128	>EGFR-I706T RTLKETEFKKI	49	79
>EGFR-I706T RILKETEFK	1295	>EGFR-I706T RTLKETEFK	199	1096
>EGFR-I706T RILKETEF	62	>EGFR-I706T RTLKETEF	29	33
>EGFR-I706T RILKETEF	111	>EGFR-I706T RTLKETEF	4	107
>EGFR-I706T RILKETEFKKI	8766	>EGFR-I706T RTLKETEFKKI	42	8724
>EGFR-I706T RILKETEF	4526	>EGFR-I706T RTLKETEF	155	4371
>EGFR-I706T RILKETEF	814	>EGFR-I706T RTLKETEF	43	771
>EGFR-I706T RILKETEF	2712	>EGFR-I706T RTLKETEF	112	2600
>EGFR-I706T RILKETEFKKI	10660	>EGFR-I706T RTLKETEFKKI	491	10169
>EGFR-I706T RILKETEFK	5619	>EGFR-I706T RTLKETEFK	303	5316
>EGFR-I706T RILKETEFKK	4246	>EGFR-I706T RTLKETEFKK	384	3862
>EGFR-I706T RILKETEFK	64	>EGFR-I706T RTLKETEFK	216	152
>EGFR-I706T RILKETEFKK	149	>EGFR-I706T RTLKETEFKK	614	465
>EGFR-I706T RILKETEFKKI	669	>EGFR-I706T RTLKETEFKKI	13	656
>EGFR-I706T GEAPNQALLF	42	>EGFR-I706T GEAPNQALLF	10044	10002
>EGFR-I706T GEAPNQALLF	227	>EGFR-I706T GEAPNQALLF	8892	8665
>EGFR-I706T GEAPNQALLF	7	>EGFR-I706T GEAPNQALLF	244	237
>EGFR-I706T LRILKETEF	106	>EGFR-I706T LRILKETEF	379	273
>EGFR-I706T LRILKETEFK	302	>EGFR-I706T LRILKETEFK	1303	1001
>EGFR-I706T LRILKETEFKK	185	>EGFR-I706T LRILKETEFKK	219	34
>EGFR-I706T LLRILKETEFK	286	>EGFR-I706T LLRILKETEFK	159	127
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>EGFR-I706T LLRILKETEF	119	>EGFR-I706T LLRILKETEF	45	74
>EGFR-I706T LLRILKETEF	422	>EGFR-I706T LLRILKETEF	1314	892
>EGFR-I706T ALLRILKET	151	>EGFR-I706T ALLRILKET	146	5
>EGFR-I706T ALLRILKET	90	>EGFR-I706T ALLRILKET	83	7
>EGFR-I706T ALLRILKETEF	153	>EGFR-I706T ALLRILKETEF	449	296
>EGFR-I706T ALLRILKETEF	58	>EGFR-I706T ALLRILKETEF	26	32
>EGFR-I706T QALLRILK	62	>EGFR-I706T QALLRILK	123	61
>EGFR-I706T QALLRILK	145	>EGFR-I706T QALLRILK	547	402
>EGFR-I706T NQALLRIL	1660	>EGFR-I706T NQALLRIL	417	1243
>EGFR-I706T NQALLRILK	117	>EGFR-I706T NQALLRILK	474	357
>EGFR-I706T NQALLRIL	152	>EGFR-I706T NQALLRIL	185	33

>EGFR-I706T APNQALLRI	22	>EGFR-I706T APNQALLRT	7789	7767
>EGFR-I706T APNQALLRIL	329	>EGFR-I706T APNQALLRTL	152	177
>EGFR-I706T APNQALLRI	145	>EGFR-I706T APNQALLRT	2057	1912
>EGFR-I706T APNQALLRIL	109	>EGFR-I706T APNQALLRTL	179	70
>EGFR-I706T APNQALLRI	386	>EGFR-I706T APNQALLRT	10226	9840
>EGFR-I706T APNQALLRIL	293	>EGFR-I706T APNQALLRTL	56	237
>EGFR-I706T EAPNQALLRI	136	>EGFR-I706T EAPNQALLRT	308	172
>EGFR-I715L IKVLGSGAF	9	>EGFR-I715L LKVLGSGAF	12	3
>EGFR-I715L KIKVLGSGA	405	>EGFR-I715L KLKVLGSGA	44	361
>EGFR-I715L KIKVLGSG	289	>EGFR-I715L KLKVLGSG	885	596
>EGFR-I715L KIKVLGSGA	72	>EGFR-I715L KLKVLGSGA	226	154
>EGFR-I715L KIKVLGSGAF	50	>EGFR-I715L KLKVLGSGAF	127	77
>EGFR-I715L KIKVLGSGAF	63	>EGFR-I715L KLKVLGSGAF	41	22
>EGFR-I715L KIKVLGSGAF	672	>EGFR-I715L KLKVLGSGAF	123	549
>EGFR-I715L KIKVLGSGAF	245	>EGFR-I715L KLKVLGSGAF	58	187
>EGFR-I715L KIKVLGSGAF	513	>EGFR-I715L KLKVLGSGAF	495	18
>EGFR-I715L RILKETEFKKI	128	>EGFR-I715L RILKETEFKKL	365	237
>EGFR-I715L KKIKVLGSGAI	7	>EGFR-I715L KKLKVLGSGA	7	0
>EGFR-I715L TEFKKIKV	513	>EGFR-I715L TEFKKLKV	378	135
>EGFR-I715L TEFKKIKVL	51	>EGFR-I715L TEFKKLKV	24	27
>EGFR-I715L TEFKKIKVL	462	>EGFR-I715L TEFKKLKV	352	110
>EGFR-I715L TEFKKIKVL	284	>EGFR-I715L TEFKKLKV	221	63
>EGFR-I715L TEFKKIKV	361	>EGFR-I715L TEFKKLKV	309	52
>EGFR-I715L TEFKKIKVL	68	>EGFR-I715L TEFKKLKV	82	14
>EGFR-I715L TEFKKIKVL	460	>EGFR-I715L TEFKKLKV	740	280
>EGFR-I715L TEFKKIKVL	85	>EGFR-I715L TEFKKLKV	57	28
>EGFR-I715L ETEFKKIK	46	>EGFR-I715L ETEFKKIK	20	26
>EGFR-I715L ETEFKKIKV	201	>EGFR-I715L ETEFKKIKV	739	538
>EGFR-I715L KETEFKKI	82	>EGFR-I715L KETEFKKL	235	153
>EGFR-I715L KETEFKKIKV	274	>EGFR-I715L KETEFKKLKV	164	110
>EGFR-I715L KETEFKKIKVL	128	>EGFR-I715L KETEFKKLKVI	67	61
>EGFR-I715L KETEFKKI	165	>EGFR-I715L KETEFKKL	41	124
>EGFR-I715L KETEFKKIKVL	51	>EGFR-I715L KETEFKKLKVI	46	5
>EGFR-I715L KETEFKKI	289	>EGFR-I715L KETEFKKL	134	155
>EGFR-I715L KETEFKKIKVL	75	>EGFR-I715L KETEFKKLKVI	86	11
>EGFR-I715L KETEFKKIKVL	105	>EGFR-I715L KETEFKKLKVI	80	25
>EGFR-I715L ILKETEFKKI	702	>EGFR-I715L ILKETEFKKL	374	328
>EGFR-I715L ILKETEFKKI	144	>EGFR-I715L ILKETEFKKL	207	63
>EGFR-I715L ILKETEFKKI	259	>EGFR-I715L ILKETEFKKL	307	48
>EGFR-I715L ILKETEFKKI	63	>EGFR-I715L ILKETEFKKL	17	46
>EGFR-I715L ILKETEFKKIK	549	>EGFR-I715L ILKETEFKKLK	160	389
>EGFR-I715L ILKETEFKKIK	224	>EGFR-I715L ILKETEFKKLK	136	88
>EGFR-I715L IKVLGSGAF	9	>EGFR-I715L SKVLGSGAF	21	12

>EGFR-I715S·KIKVLGSGA	405	>EGFR-I715S·KSKVLGSGA	7856	7451
>EGFR-I715S·KIKVLGSG	289	>EGFR-I715S·KSKVLGSG	102	187
>EGFR-I715S·KIKVLGSGA	72	>EGFR-I715S·KSKVLGSGA	29	43
>EGFR-I715S·KIKVLGSGAF	903	>EGFR-I715S·KSKVLGSGAF	327	576
>EGFR-I715S·KIKVLGSGAF	50	>EGFR-I715S·KSKVLGSGAF	24	26
>EGFR-I715S·KIKVLGSGAF	63	>EGFR-I715S·KSKVLGSGAF	60	3
>EGFR-I715S·KIKVLGSGAF	245	>EGFR-I715S·KSKVLGSGAF	41	204
>EGFR-I715S·KIKVLGSGAF	523	>EGFR-I715S·KSKVLGSGAF	6	517
>EGFR-I715S·KIKVLGSGAF	513	>EGFR-I715S·KSKVLGSGAF	44	469
>EGFR-I715S·RILKETEFKKI	128	>EGFR-I715S·RILKETEFKKS	10893	10765
>EGFR-I715S·KKIKVLGSGA	7	>EGFR-I715S·KSKVLGSGA	9	2
>EGFR-I715S·FKKIKVLGSGA	1311	>EGFR-I715S·FKKSKVLGSG	289	1022
>EGFR-I715S·TEFKKIKVL	51	>EGFR-I715S·TEFKKSKVL	23	28
>EGFR-I715S·TEFKKIKVL	462	>EGFR-I715S·TEFKKSKVL	912	450
>EGFR-I715S·TEFKKIKVL	284	>EGFR-I715S·TEFKKSKVL	161	123
>EGFR-I715S·TEFKKIKV	361	>EGFR-I715S·TEFKKSKV	585	224
>EGFR-I715S·TEFKKIKVL	68	>EGFR-I715S·TEFKKSKVL	114	46
>EGFR-I715S·TEFKKIKVL	460	>EGFR-I715S·TEFKKSKVL	744	284
>EGFR-I715S·TEFKKIKVL	85	>EGFR-I715S·TEFKKSKVL	241	156
>EGFR-I715S·ETEFKKIK	46	>EGFR-I715S·ETEFKKS	26	20
>EGFR-I715S·ETEFKKIKV	201	>EGFR-I715S·ETEFKSKV	119	82
>EGFR-I715S·KETEFKKI	82	>EGFR-I715S·KETEFKKS	4564	4482
>EGFR-I715S·KETEFKKIKV	274	>EGFR-I715S·KETEFKSKV	120	154
>EGFR-I715S·KETEFKKIKVL	128	>EGFR-I715S·KETEFKSKVI	82	46
>EGFR-I715S·KETEFKKI	165	>EGFR-I715S·KETEFKKS	16790	16625
>EGFR-I715S·KETEFKKIKVL	51	>EGFR-I715S·KETEFKSKVI	50	1
>EGFR-I715S·KETEFKKI	289	>EGFR-I715S·KETEFKKS	2333	2044
>EGFR-I715S·KETEFKKIKVL	75	>EGFR-I715S·KETEFKSKVI	88	13
>EGFR-I715S·KETEFKKIKVL	105	>EGFR-I715S·KETEFKSKVI	184	79
>EGFR-I715S·ILKETEFKKI	144	>EGFR-I715S·ILKETEFKKS	8180	8036
>EGFR-I715S·ILKETEFKKI	259	>EGFR-I715S·ILKETEFKKS	10869	10610
>EGFR-I715S·ILKETEFKKI	63	>EGFR-I715S·ILKETEFKKS	4985	4922
>EGFR-I715S·ILKETEFKKIK	549	>EGFR-I715S·ILKETEFKSK	302	247
>EGFR-I715S·ILKETEFKKIK	224	>EGFR-I715S·ILKETEFKSK	113	111
>EGFR-I732T·IPEGEKVKIPV	188	>EGFR-I732T·TPEGEKVKIPV	916	728
>EGFR-I732T·IPEGEKVKI	142	>EGFR-I732T·TPEGEKVKI	306	164
>EGFR-I732T·IPEGEKVKIPV	311	>EGFR-I732T·TPEGEKVKIPV	3006	2695
>EGFR-I732T·WIPEGEKV	298	>EGFR-I732T·WTPEGEKV	2209	1911
>EGFR-I732T·WIPEGEKV	191	>EGFR-I732T·WTPEGEKV	567	376
>EGFR-I732T·WIPEGEKV	25	>EGFR-I732T·WTPEGEKV	101	76
>EGFR-I732T·WIPEGEKV	69	>EGFR-I732T·WTPEGEKV	478	409
>EGFR-I732T·WIPEGEKV	284	>EGFR-I732T·WTPEGEKV	6145	5861
>EGFR-I732T·WIPEGEKV	10	>EGFR-I732T·WTPEGEKV	175	165

>EGFR-I732T WIPEGEKVKI	453	>EGFR-I732T WTPEGEKVKI	7825	7372
>EGFR-I732T WIPEGEKV	381	>EGFR-I732T WTPEGEKV	68	313
>EGFR-I732T WIPEGEKV	6995	>EGFR-I732T WTPEGEKV	28	6967
>EGFR-I732T WIPEGEKVKI	20304	>EGFR-I732T WTPEGEKVKI	263	20041
>EGFR-I732T WIPEGEKVKI	6467	>EGFR-I732T WTPEGEKVKI	186	6281
>EGFR-I732T AFGTVYKGLV	249	>EGFR-I732T AFGTVYKGLV	11397	11148
>EGFR-I732T LWIPEGEKVK	158	>EGFR-I732T LWTPEGEKVK	1629	1471
>EGFR-I732T LWIPEGEKVK	37	>EGFR-I732T LWTPEGEKVK	81	44
>EGFR-I732T LWIPEGEKV	270	>EGFR-I732T LWTPEGEKV	274	4
>EGFR-I732T LWIPEGEKVK	270	>EGFR-I732T LWTPEGEKVK	265	5
>EGFR-I732T GLWIPEGEKV	251	>EGFR-I732T GLWTPEGEKV	151	100
>EGFR-I732T GLWIPEGEKV	329	>EGFR-I732T GLWTPEGEKV	295	34
>EGFR-I732T GLWIPEGEKV	3	>EGFR-I732T GLWTPEGEKV	3	0
>EGFR-I732T GLWIPEGEKV	28	>EGFR-I732T GLWTPEGEKV	14	14
>EGFR-I732T GLWIPEGEKV	6	>EGFR-I732T GLWTPEGEKV	7	1
>EGFR-I732T GLWIPEGEKV	87	>EGFR-I732T GLWTPEGEKV	36	51
>EGFR-I732T GLWIPEGEKV	7	>EGFR-I732T GLWTPEGEKV	6	1
>EGFR-I732T GLWIPEGEK	421	>EGFR-I732T GLWTPEGEK	190	231
>EGFR-I732T KGLWIPEGEK	229	>EGFR-I732T KGLWTPEGEK	235	6
>EGFR-I732T KGLWIPEGEK	499	>EGFR-I732T KGLWTPEGEK	430	69
>EGFR-I732T TVYKGLWI	153	>EGFR-I732T TVYKGLWT	2463	2310
>EGFR-I732T TVYKGLWI	168	>EGFR-I732T TVYKGLWT	1309	1141
>EGFR-I732T TVYKGLWI	444	>EGFR-I732T TVYKGLWT	5640	5196
>EGFR-I732T TVYKGLWI	463	>EGFR-I732T TVYKGLWT	7583	7120
>EGFR-I732T TVYKGLWI	191	>EGFR-I732T TVYKGLWT	3386	3195
>EGFR-I732T TVYKGLWI	265	>EGFR-I732T TVYKGLWT	37050	36785
>EGFR-I732T GTVYKGLWI	24	>EGFR-I732T GTVYKGLWT	2322	2298
>EGFR-I732T GTVYKGLWI	118	>EGFR-I732T GTVYKGLWT	1107	989
>EGFR-I732T GTVYKGLWI	166	>EGFR-I732T GTVYKGLWT	37160	36994
>EGFR-I740T IPVAIKEL	25	>EGFR-I740T TPVAIKEL	42	17
>EGFR-I740T IPVAIKELR	150	>EGFR-I740T TPVAIKELR	42	108
>EGFR-I740T IPVAIKEL	151	>EGFR-I740T TPVAIKEL	775	624
>EGFR-I740T IPVAIKEL	406	>EGFR-I740T TPVAIKEL	626	220
>EGFR-I740T IPVAIKEL	4289	>EGFR-I740T TPVAIKEL	440	3849
>EGFR-I740T IPVAIKEL	340	>EGFR-I740T TPVAIKEL	800	460
>EGFR-I740T IPVAIKELREA	30	>EGFR-I740T TPVAIKELREA	176	146
>EGFR-I740T IPVAIKEL	248	>EGFR-I740T TPVAIKEL	541	293
>EGFR-I740T IPVAIKEL	498	>EGFR-I740T TPVAIKEL	924	426
>EGFR-I740T KIPVAIKELR	78	>EGFR-I740T KTPVAIKELR	71	7
>EGFR-I740T KIPVAIKELR	68	>EGFR-I740T KTPVAIKELR	24	44
>EGFR-I740T KIPVAIKEL	10191	>EGFR-I740T KTPVAIKEL	77	10114
>EGFR-I740T KIPVAIKEL	331	>EGFR-I740T KTPVAIKEL	4	327
>EGFR-I740T KIPVAIKELR	13590	>EGFR-I740T KTPVAIKELR	227	13363

>EGFR-I740T KIPVAIKELR	66	>EGFR-I740T KTPVAIKELR	233	167
>EGFR-I740T KIPVAIKEL	18568	>EGFR-I740T KTPVAIKEL	447	18121
>EGFR-I740T LWIPEGEKVK	158	>EGFR-I740T LWIPEGEKVK	19145	18987
>EGFR-I740T LWIPEGEKVK	37	>EGFR-I740T LWIPEGEKVK	5541	5504
>EGFR-I740T LWIPEGEKVK	270	>EGFR-I740T LWIPEGEKVK	845	575
>EGFR-I740T VKIPVAIKEL	87	>EGFR-I740T VKTPVAIKEL	320	233
>EGFR-I740T KVKIPVAI	641	>EGFR-I740T KVKTPVAI	476	165
>EGFR-I740T KVKIPVAIK	124	>EGFR-I740T KVKTPVAIK	64	60
>EGFR-I740T KVKIPVAIK	183	>EGFR-I740T KVKTPVAIK	109	74
>EGFR-I740T KVKIPVAI	10	>EGFR-I740T KVKTPVAI	8	2
>EGFR-I740T KVKIPVAIK	4	>EGFR-I740T KVKTPVAIK	4	0
>EGFR-I740T KVKIPVAIKEL	29	>EGFR-I740T KVKTPVAIKEL	23	6
>EGFR-I740T KVKIPVAIK	43	>EGFR-I740T KVKTPVAIK	56	13
>EGFR-I740T KVKIPVAI	71	>EGFR-I740T KVKTPVAI	45	26
>EGFR-I740T KVKIPVAIKEL	148	>EGFR-I740T KVKTPVAIKEL	568	420
>EGFR-I740T EKVKIPVAI	151	>EGFR-I740T EKVKTPVAI	33	118
>EGFR-I740T EKVKIPVAI	444	>EGFR-I740T EKVKTPVAI	157	287
>EGFR-I740T GEKVKIPVAI	501	>EGFR-I740T GEKVKTPVAI	266	235
>EGFR-I740T GEKVKIPV	101	>EGFR-I740T GEKVKTPV	125	24
>EGFR-I740T GEKVKIPVA	118	>EGFR-I740T GEKVKTPVA	191	73
>EGFR-I740T GEKVKIPVAI	188	>EGFR-I740T GEKVKTPVAI	245	57
>EGFR-I740T GEKVKIPV	155	>EGFR-I740T GEKVKTPV	302	147
>EGFR-I740T GEKVKIPVA	26	>EGFR-I740T GEKVKTPVA	36	10
>EGFR-I740T GEKVKIPVA	132	>EGFR-I740T GEKVKTPVA	136	4
>EGFR-I740T GEKVKIPVAI	45	>EGFR-I740T GEKVKTPVAI	44	1
>EGFR-I740T IPEGEKVKIPV	188	>EGFR-I740T IPEGEKVKTPV	112	76
>EGFR-I740T IPEGEKVKI	142	>EGFR-I740T IPEGEKVKT	3791	3649
>EGFR-I740T IPEGEKVKIPV	311	>EGFR-I740T IPEGEKVKTPV	522	211
>EGFR-I740T WIPEGEKVKI	453	>EGFR-I740T WIPEGEKVKT	3446	2993
>EGFR-I744M AIKELREA	369	>EGFR-I744M AMKELREA	27	342
>EGFR-I744M AIKELREA	3218	>EGFR-I744M AMKELREA	68	3150
>EGFR-I744M AIKELREA	496	>EGFR-I744M AMKELREA	732	236
>EGFR-I744M PVAIKELR	386	>EGFR-I744M PVAMKELR	355	31
>EGFR-I744M IPVAIKEL	25	>EGFR-I744M IPVAMKEL	23	2
>EGFR-I744M IPVAIKELR	150	>EGFR-I744M IPVAMKELR	401	251
>EGFR-I744M IPVAIKEL	151	>EGFR-I744M IPVAMKEL	59	92
>EGFR-I744M IPVAIKEL	406	>EGFR-I744M IPVAMKEL	421	15
>EGFR-I744M IPVAIKEL	340	>EGFR-I744M IPVAMKEL	341	1
>EGFR-I744M IPVAIKELREA	30	>EGFR-I744M IPVAMKELRE	29	1
>EGFR-I744M IPVAIKEL	248	>EGFR-I744M IPVAMKEL	376	128
>EGFR-I744M IPVAIKEL	498	>EGFR-I744M IPVAMKEL	926	428
>EGFR-I744M KIPVAIKELR	78	>EGFR-I744M KIPVAMKELR	104	26
>EGFR-I744M KIPVAIKELR	68	>EGFR-I744M KIPVAMKELR	91	23



>EGFR-I744M KIPVAIKEL	331	>EGFR-I744M KIPVAMKEL	502	171
>EGFR-I744M KIPVAIKELR	66	>EGFR-I744M KIPVAMKELR	110	44
>EGFR-I744M VKIPVAIKEL	87	>EGFR-I744M VKIPVAMKEL	82	5
>EGFR-I744M KVKIPVAIK	124	>EGFR-I744M KVKIPVAMK	82	42
>EGFR-I744M KVKIPVAIK	183	>EGFR-I744M KVKIPVAMK	92	91
>EGFR-I744M KVKIPVAI	10	>EGFR-I744M KVKIPVAM	19	9
>EGFR-I744M KVKIPVAIK	4	>EGFR-I744M KVKIPVAMK	4	0
>EGFR-I744M KVKIPVAIKEL	29	>EGFR-I744M KVKIPVAMKE	29	0
>EGFR-I744M KVKIPVAIK	43	>EGFR-I744M KVKIPVAMK	39	4
>EGFR-I744M KVKIPVAI	71	>EGFR-I744M KVKIPVAM	879	808
>EGFR-I744M KVKIPVAI	1682	>EGFR-I744M KVKIPVAM	266	1416
>EGFR-I744M KVKIPVAIKEL	148	>EGFR-I744M KVKIPVAMKE	61	87
>EGFR-I744M EKVKIPVAI	151	>EGFR-I744M EKVKIPVAM	44	107
>EGFR-I744M EKVKIPVAI	444	>EGFR-I744M EKVKIPVAM	139	305
>EGFR-I744M GEKVKIPVAI	188	>EGFR-I744M GEKVKIPVAN	265	77
>EGFR-I744M GEKVKIPVAI	45	>EGFR-I744M GEKVKIPVAN	483	438
>EGFR-I744V AIKELREA	369	>EGFR-I744V AVKELREA	862	493
>EGFR-I744V AIKELREA	496	>EGFR-I744V AVKELREA	140	356
>EGFR-I744V PVAIKELR	386	>EGFR-I744V PVAVKELR	411	25
>EGFR-I744V IPVAIKEL	25	>EGFR-I744V IPVAVKEL	21	4
>EGFR-I744V IPVAIKELR	150	>EGFR-I744V IPVAVKELR	177	27
>EGFR-I744V IPVAIKEL	151	>EGFR-I744V IPVAVKEL	133	18
>EGFR-I744V IPVAIKEL	406	>EGFR-I744V IPVAVKEL	336	70
>EGFR-I744V IPVAIKEL	340	>EGFR-I744V IPVAVKEL	343	3
>EGFR-I744V IPVAIKELREA	30	>EGFR-I744V IPVAVKELRE/	36	6
>EGFR-I744V IPVAIKEL	248	>EGFR-I744V IPVAVKEL	179	69
>EGFR-I744V IPVAIKEL	498	>EGFR-I744V IPVAVKEL	562	64
>EGFR-I744V KIPVAIKELR	78	>EGFR-I744V KIPVAVKELR	109	31
>EGFR-I744V KIPVAIKELR	68	>EGFR-I744V KIPVAVKELR	133	65
>EGFR-I744V KIPVAIKEL	331	>EGFR-I744V KIPVAVKEL	743	412
>EGFR-I744V KIPVAIKELR	777	>EGFR-I744V KIPVAVKELR	472	305
>EGFR-I744V KIPVAIKELR	66	>EGFR-I744V KIPVAVKELR	102	36
>EGFR-I744V VKIPVAIKEL	87	>EGFR-I744V VKIPVAVKEL	55	32
>EGFR-I744V KVKIPVAI	641	>EGFR-I744V KVKIPVAV	97	544
>EGFR-I744V KVKIPVAI	13348	>EGFR-I744V KVKIPVAV	411	12937
>EGFR-I744V KVKIPVAIK	124	>EGFR-I744V KVKIPVAVK	108	16
>EGFR-I744V KVKIPVAIK	183	>EGFR-I744V KVKIPVAVK	182	1
>EGFR-I744V KVKIPVAI	10	>EGFR-I744V KVKIPVAV	13	3
>EGFR-I744V KVKIPVAIK	4	>EGFR-I744V KVKIPVAVK	4	0
>EGFR-I744V KVKIPVAIKEL	29	>EGFR-I744V KVKIPVAVKEI	30	1
>EGFR-I744V KVKIPVAIK	43	>EGFR-I744V KVKIPVAVK	38	5
>EGFR-I744V KVKIPVAI	71	>EGFR-I744V KVKIPVAV	919	848
>EGFR-I744V KVKIPVAIKEL	148	>EGFR-I744V KVKIPVAVKEI	116	32

>EGFR-I744V EKVKIPVAI	1234	>EGFR-I744V EKVKIPVAV	236	998
>EGFR-I744V EKVKIPVAI	151	>EGFR-I744V EKVKIPVAV	190	39
>EGFR-I744V EKVKIPVAI	444	>EGFR-I744V EKVKIPVAV	605	161
>EGFR-I744V GEKVKIPVAI	188	>EGFR-I744V GEKVKIPVAV	254	66
>EGFR-I744V GEKVKIPVAI	45	>EGFR-I744V GEKVKIPVAV	373	328
>EGFR-I759N ILDEAYVM	111	>EGFR-I759N NLDEAYVM	613	502
>EGFR-I759N ILDEAYVMA	38	>EGFR-I759N NLDEAYVMA	164	126
>EGFR-I759N ILDEAYVMAS	11	>EGFR-I759N NLDEAYVMA	16	5
>EGFR-I759N ILDEAYVM	192	>EGFR-I759N NLDEAYVM	505	313
>EGFR-I759N ILDEAYVMA	44	>EGFR-I759N NLDEAYVMA	147	103
>EGFR-I759N ILDEAYVMAS	5	>EGFR-I759N NLDEAYVMA	9	4
>EGFR-I759N ILDEAYVMA	172	>EGFR-I759N NLDEAYVMA	440	268
>EGFR-I759N ILDEAYVMAS	10	>EGFR-I759N NLDEAYVMA	16	6
>EGFR-I759N ILDEAYVM	334	>EGFR-I759N NLDEAYVM	1129	795
>EGFR-I759N ILDEAYVMA	44	>EGFR-I759N NLDEAYVMA	89	45
>EGFR-I759N ILDEAYVMAS	8	>EGFR-I759N NLDEAYVMA	12	4
>EGFR-I759N ILDEAYVM	17	>EGFR-I759N NLDEAYVM	104	87
>EGFR-I759N ILDEAYVMA	6	>EGFR-I759N NLDEAYVMA	23	17
>EGFR-I759N ILDEAYVMAS	56	>EGFR-I759N NLDEAYVMA	454	398
>EGFR-I759N ILDEAYVMAS	2	>EGFR-I759N NLDEAYVMA	3	1
>EGFR-I759N ILDEAYVM	31	>EGFR-I759N NLDEAYVM	57	26
>EGFR-I759N ILDEAYVMA	63	>EGFR-I759N NLDEAYVMA	143	80
>EGFR-I759N ILDEAYVMAS	3	>EGFR-I759N NLDEAYVMA	4	1
>EGFR-I759N ILDEAYVM	76	>EGFR-I759N NLDEAYVM	479	403
>EGFR-I759N ILDEAYVMA	11	>EGFR-I759N NLDEAYVMA	35	24
>EGFR-I759N ILDEAYVMAS	5	>EGFR-I759N NLDEAYVMA	6	1
>EGFR-I759N ILDEAYVM	31	>EGFR-I759N NLDEAYVM	116	85
>EGFR-I759N ILDEAYVMA	43	>EGFR-I759N NLDEAYVMA	215	172
>EGFR-I759N ILDEAYVMAS	3	>EGFR-I759N NLDEAYVMA	5	2
>EGFR-I759N ILDEAYVM	77	>EGFR-I759N NLDEAYVM	1047	970
>EGFR-I759N ILDEAYVMA	8	>EGFR-I759N NLDEAYVMA	98	90
>EGFR-I759N ILDEAYVMAS	2	>EGFR-I759N NLDEAYVMA	4	2
>EGFR-I759N ILDEAYVMAS	2358	>EGFR-I759N NLDEAYVMA	302	2056
>EGFR-I759N ILDEAYVMA	1743	>EGFR-I759N NLDEAYVMA	84	1659
>EGFR-I759N ILDEAYVMAS	82	>EGFR-I759N NLDEAYVMA	10	72
>EGFR-I759N ILDEAYVM	4425	>EGFR-I759N NLDEAYVM	467	3958
>EGFR-I759N EILDEAYV	471	>EGFR-I759N ENLDEAYV	10834	10363
>EGFR-I759N EILDEAYV	100	>EGFR-I759N ENLDEAYV	4651	4551
>EGFR-I759N EILDEAYV	11	>EGFR-I759N ENLDEAYV	4195	4184
>EGFR-I759N EILDEAYV	83	>EGFR-I759N ENLDEAYV	13763	13680
>EGFR-I759N EILDEAYV	24	>EGFR-I759N ENLDEAYV	9366	9342
>EGFR-I759N EILDEAYV	5	>EGFR-I759N ENLDEAYV	8199	8194
>EGFR-I759N EILDEAYVM	362	>EGFR-I759N ENLDEAYVM	17124	16762

>EGFR-I759N EILDEAYV	11	>EGFR-I759N ENLDEAYV	11556	11545
>EGFR-I759N EILDEAYVM	39	>EGFR-I759N ENLDEAYVM	3493	3454
>EGFR-I759N EILDEAYV	34	>EGFR-I759N ENLDEAYV	568	534
>EGFR-I759N EILDEAYV	5	>EGFR-I759N ENLDEAYV	109	104
>EGFR-I759N EILDEAYVM	33	>EGFR-I759N ENLDEAYVM	3846	3813
>EGFR-I759N EILDEAYVMA	16	>EGFR-I759N ENLDEAYVM	1374	1358
>EGFR-I759N EATSPKANKE	158	>EGFR-I759N EATSPKANKE	17888	17730
>EGFR-I759N KEILDEAY	256	>EGFR-I759N KENLDEAY	610	354
>EGFR-I759N KEILDEAYV	310	>EGFR-I759N KENLDEAYV	1475	1165
>EGFR-I759N KEILDEAYVM	163	>EGFR-I759N KENLDEAYVM	217	54
>EGFR-I759N KEILDEAYVM	289	>EGFR-I759N KENLDEAYVM	435	146
>EGFR-I759N KEILDEAY	363	>EGFR-I759N KENLDEAY	323	40
>EGFR-I759N KEILDEAY	273	>EGFR-I759N KENLDEAY	618	345
>EGFR-I759N KEILDEAYV	536	>EGFR-I759N KENLDEAYV	436	100
>EGFR-I759N KEILDEAYVM	50	>EGFR-I759N KENLDEAYVM	41	9
>EGFR-I759N KEILDEAYV	32	>EGFR-I759N KENLDEAYV	310	278
>EGFR-I759N KEILDEAYVM	15	>EGFR-I759N KENLDEAYVM	53	38
>EGFR-I759N KEILDEAYVM	468	>EGFR-I759N KENLDEAYVM	3520	3052
>EGFR-I759N NKEILDEAYVI	676	>EGFR-I759N NKENLDEAYV	352	324
>EGFR-I759N KANKEILDEA'	126	>EGFR-I759N KANKENLDEA'	100	26
>EGFR-I759N KANKEILDEA'	385	>EGFR-I759N KANKENLDEA'	403	18
>EGFR-I759N KANKEILDEA'	255	>EGFR-I759N KANKENLDEA'	241	14
>EGFR-I759N KANKEILDEA'	293	>EGFR-I759N KANKENLDEA'	236	57
>EGFR-I759N KANKEILDEA'	140	>EGFR-I759N KANKENLDEA'	222	82
>EGFR-I759N KANKEILDEA'	200	>EGFR-I759N KANKENLDEA'	144	56
>EGFR-I759N KANKEILDEA'	86	>EGFR-I759N KANKENLDEA'	121	35
>EGFR-I759N KANKEILDEA'	473	>EGFR-I759N KANKENLDEA'	519	46
>EGFR-I759N SPKANKEI	133	>EGFR-I759N SPKANKEN	31310	31177
>EGFR-I759N SPKANKEIL	187	>EGFR-I759N SPKANKENL	11	176
>EGFR-I759N SPKANKEIL	193	>EGFR-I759N SPKANKENL	383	190
>EGFR-I759N TSPKANKEI	54	>EGFR-I759N TSPKANKEN	9529	9475
>EGFR-I759N TSPKANKEIL	9	>EGFR-I759N TSPKANKENL	23	14
>EGFR-I759N TSPKANKEI	159	>EGFR-I759N TSPKANKEN	37640	37481
>EGFR-I759N ATSPKANKEI	35	>EGFR-I759N ATSPKANKEN	4898	4863
>EGFR-I759N ATSPKANKEII	55	>EGFR-I759N ATSPKANKEN	26	29
>EGFR-I759N ATSPKANKEII	468	>EGFR-I759N ATSPKANKEN	1245	777
>EGFR-I759N ATSPKANKEI	347	>EGFR-I759N ATSPKANKEN	8838	8491
>EGFR-I759N ATSPKANKEII	295	>EGFR-I759N ATSPKANKEN	1234	939
>EGFR-I759V ILDEAYVM	111	>EGFR-I759V VLDEAYVM	162	51
>EGFR-I759V ILDEAYVMA	38	>EGFR-I759V VLDEAYVMA	48	10
>EGFR-I759V ILDEAYVMAS	11	>EGFR-I759V VLDEAYVMA	11	0
>EGFR-I759V ILDEAYVM	192	>EGFR-I759V VLDEAYVM	435	243
>EGFR-I759V ILDEAYVMA	44	>EGFR-I759V VLDEAYVMA	111	67

>EGFR-I759V ILDEAYVMAS	5	>EGFR-I759V VLDEAYVMA	8	3
>EGFR-I759V ILDEAYVMA	172	>EGFR-I759V VLDEAYVMA	223	51
>EGFR-I759V ILDEAYVMAS	10	>EGFR-I759V VLDEAYVMA	12	2
>EGFR-I759V ILDEAYVM	334	>EGFR-I759V VLDEAYVM	505	171
>EGFR-I759V ILDEAYVMA	44	>EGFR-I759V VLDEAYVMA	63	19
>EGFR-I759V ILDEAYVMAS	8	>EGFR-I759V VLDEAYVMA	9	1
>EGFR-I759V ILDEAYVM	17	>EGFR-I759V VLDEAYVM	14	3
>EGFR-I759V ILDEAYVMA	6	>EGFR-I759V VLDEAYVMA	5	1
>EGFR-I759V ILDEAYVMAS	56	>EGFR-I759V VLDEAYVMA	47	9
>EGFR-I759V ILDEAYVMAS	2	>EGFR-I759V VLDEAYVMA	2	0
>EGFR-I759V ILDEAYVM	31	>EGFR-I759V VLDEAYVM	23	8
>EGFR-I759V ILDEAYVMA	63	>EGFR-I759V VLDEAYVMA	45	18
>EGFR-I759V ILDEAYVMAS	3	>EGFR-I759V VLDEAYVMA	3	0
>EGFR-I759V ILDEAYVM	76	>EGFR-I759V VLDEAYVM	44	32
>EGFR-I759V ILDEAYVMA	11	>EGFR-I759V VLDEAYVMA	8	3
>EGFR-I759V ILDEAYVMAS	5	>EGFR-I759V VLDEAYVMA	4	1
>EGFR-I759V ILDEAYVM	31	>EGFR-I759V VLDEAYVM	33	2
>EGFR-I759V ILDEAYVMA	43	>EGFR-I759V VLDEAYVMA	48	5
>EGFR-I759V ILDEAYVMAS	3	>EGFR-I759V VLDEAYVMA	3	0
>EGFR-I759V ILDEAYVM	77	>EGFR-I759V VLDEAYVM	55	22
>EGFR-I759V ILDEAYVMA	8	>EGFR-I759V VLDEAYVMA	7	1
>EGFR-I759V ILDEAYVMAS	2	>EGFR-I759V VLDEAYVMA	2	0
>EGFR-I759V ILDEAYVMAS	82	>EGFR-I759V VLDEAYVMA	89	7
>EGFR-I759V EILDEAYV	471	>EGFR-I759V EVLDEAYV	908	437
>EGFR-I759V EILDEAYV	100	>EGFR-I759V EVLDEAYV	94	6
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>EGFR-I759V EILDEAYV	83	>EGFR-I759V EVLDEAYV	174	91
>EGFR-I759V EILDEAYV	24	>EGFR-I759V EVLDEAYV	61	37
>EGFR-I759V EILDEAYV	5	>EGFR-I759V EVLDEAYV	9	4
>EGFR-I759V EILDEAYVM	362	>EGFR-I759V EVLDEAYVM	699	337
>EGFR-I759V EILDEAYV	11	>EGFR-I759V EVLDEAYV	24	13
>EGFR-I759V EILDEAYVM	1229	>EGFR-I759V EVLDEAYVM	440	789
>EGFR-I759V EILDEAYV	1571	>EGFR-I759V EVLDEAYV	448	1123
>EGFR-I759V EILDEAYVM	39	>EGFR-I759V EVLDEAYVM	11	28
>EGFR-I759V EILDEAYV	34	>EGFR-I759V EVLDEAYV	12	22
>EGFR-I759V EILDEAYV	5	>EGFR-I759V EVLDEAYV	4	1
>EGFR-I759V EILDEAYVM	33	>EGFR-I759V EVLDEAYVM	20	13
>EGFR-I759V EILDEAYVMA	16	>EGFR-I759V EVLDEAYVM	11	5
>EGFR-I759V EILDEAYVMA	940	>EGFR-I759V EVLDEAYVM	470	470
>EGFR-I759V EILDEAYVM	550	>EGFR-I759V EVLDEAYVM	120	430
>EGFR-I759V EATSPKANKE	158	>EGFR-I759V EATSPKANKE	34	124
>EGFR-I759V EATSPKANKE	549	>EGFR-I759V EATSPKANKE	79	470
>EGFR-I759V KEILDEAY	256	>EGFR-I759V KEVLDEAY	252	4

>EGFR-I759V KEILDEAYV	310	>EGFR-I759V KEVLDEAYV	402	92
>EGFR-I759V KEILDEAYVM	163	>EGFR-I759V KEVLDEAYVM	198	35
>EGFR-I759V KEILDEAYVM	289	>EGFR-I759V KEVLDEAYVM	503	214
>EGFR-I759V KEILDEAY	363	>EGFR-I759V KEVLDEAY	500	137
>EGFR-I759V KEILDEAY	273	>EGFR-I759V KEVLDEAY	391	118
>EGFR-I759V KEILDEAYVM	50	>EGFR-I759V KEVLDEAYVM	64	14
>EGFR-I759V KEILDEAYV	32	>EGFR-I759V KEVLDEAYV	68	36
>EGFR-I759V KEILDEAYVM	15	>EGFR-I759V KEVLDEAYVM	55	40
>EGFR-I759V KEILDEAYVM	468	>EGFR-I759V KEVLDEAYVM	1143	675
>EGFR-I759V NKEILDEAYVI	676	>EGFR-I759V NKEVLDEAYV	375	301
>EGFR-I759V KANKEILDEA'	126	>EGFR-I759V KANKEVLDEA'	160	34
>EGFR-I759V KANKEILDEA'	385	>EGFR-I759V KANKEVLDEA'	322	63
>EGFR-I759V KANKEILDEA'	255	>EGFR-I759V KANKEVLDEA'	203	52
>EGFR-I759V KANKEILDEA'	293	>EGFR-I759V KANKEVLDEA'	205	88
>EGFR-I759V KANKEILDEA'	140	>EGFR-I759V KANKEVLDEA'	125	15
>EGFR-I759V KANKEILDEA'	200	>EGFR-I759V KANKEVLDEA'	175	25
>EGFR-I759V KANKEILDEA'	86	>EGFR-I759V KANKEVLDEA'	55	31
>EGFR-I759V KANKEILDEA'	473	>EGFR-I759V KANKEVLDEA'	379	94
>EGFR-I759V SPKANKEI	133	>EGFR-I759V SPKANKEV	311	178
>EGFR-I759V SPKANKEIL	187	>EGFR-I759V SPKANKEVL	104	83
>EGFR-I759V SPKANKEIL	193	>EGFR-I759V SPKANKEVL	81	112
>EGFR-I759V SPKANKEIL	515	>EGFR-I759V SPKANKEVL	348	167
>EGFR-I759V TSPKANKEI	1678	>EGFR-I759V TSPKANKEV	269	1409
>EGFR-I759V TSPKANKEI	54	>EGFR-I759V TSPKANKEV	118	64
>EGFR-I759V TSPKANKEIL	9	>EGFR-I759V TSPKANKEVL	14	5
>EGFR-I759V TSPKANKEI	159	>EGFR-I759V TSPKANKEV	8074	7915
>EGFR-I759V ATSPKANKEI	13915	>EGFR-I759V ATSPKANKEV	334	13581
>EGFR-I759V ATSPKANKEI	35	>EGFR-I759V ATSPKANKEV	185	150
>EGFR-I759V ATSPKANKEII	55	>EGFR-I759V ATSPKANKEV	38	17
>EGFR-I759V ATSPKANKEII	468	>EGFR-I759V ATSPKANKEV	740	272
>EGFR-I759V ATSPKANKEI	347	>EGFR-I759V ATSPKANKEV	261	86
>EGFR-I759V ATSPKANKEII	295	>EGFR-I759V ATSPKANKEV	269	26
>EGFR-I821T IAKGMNYLEC	143	>EGFR-I821T TAKGMNYLEI	169	26
>EGFR-I821T IAKGMNYLEC	310	>EGFR-I821T TAKGMNYLEI	360	50
>EGFR-I821T IAKGMNYLEC	174	>EGFR-I821T TAKGMNYLEI	53	121
>EGFR-I821T IAKGMNYL	365	>EGFR-I821T TAKGMNYL	2810	2445
>EGFR-I821T QIAKGMNY	7740	>EGFR-I821T QTAKGMNY	191	7549
>EGFR-I821T QIAKGMNYL	15	>EGFR-I821T QTAKGMNYL	51	36
>EGFR-I821T QIAKGMNYL	164	>EGFR-I821T QTAKGMNYL	1104	940
>EGFR-I821T QIAKGMNYL	81	>EGFR-I821T QTAKGMNYL	279	198
>EGFR-I821T QIAKGMNY	769	>EGFR-I821T QTAKGMNY	209	560
>EGFR-I821T QIAKGMNYL	529	>EGFR-I821T QTAKGMNYL	100	429
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>EGFR-I821T QIAKGMNYL	1261	>EGFR-I821T QTAKGMNYL	173	1088
>EGFR-I821T QIAKGMNY	124	>EGFR-I821T QTAKGMNY	26	98
>EGFR-I821T QIAKGMNYL	88	>EGFR-I821T QTAKGMNYL	17	71
>EGFR-I821T QIAKGMNY	1410	>EGFR-I821T QTAKGMNY	137	1273
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>EGFR-I821T QIAKGMNY	274	>EGFR-I821T QTAKGMNY	146	128
>EGFR-I821T QIAKGMNYL	48	>EGFR-I821T QTAKGMNYL	15	33
>EGFR-I821T QIAKGMNYL	142	>EGFR-I821T QTAKGMNYL	50	92
>EGFR-I821T QIAKGMNY	24	>EGFR-I821T QTAKGMNY	15	9
>EGFR-I821T QIAKGMNY	269	>EGFR-I821T QTAKGMNY	1130	861
>EGFR-I821T QIAKGMNY	2368	>EGFR-I821T QTAKGMNY	10	2358
>EGFR-I821T QIAKGMNYL	9739	>EGFR-I821T QTAKGMNYL	76	9663
>EGFR-I821T QIAKGMNYL	8185	>EGFR-I821T QTAKGMNYL	61	8124
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>EGFR-I821T QIAKGMNYL	2392	>EGFR-I821T QTAKGMNYL	53	2339
>EGFR-I821T SQYLLNWCVI	52	>EGFR-I821T SQYLLNWCVI	10111	10059
>EGFR-I821T SQYLLNWCVI	221	>EGFR-I821T SQYLLNWCVI	3018	2797
>EGFR-I821T SQYLLNWCVI	51	>EGFR-I821T SQYLLNWCVI	417	366
>EGFR-I821T SQYLLNWCVI	264	>EGFR-I821T SQYLLNWCVI	4106	3842
>EGFR-I821T SQYLLNWCVI	254	>EGFR-I821T SQYLLNWCVI	4196	3942
>EGFR-I821T SQYLLNWCVI	165	>EGFR-I821T SQYLLNWCVI	10701	10536
>EGFR-I821T SQYLLNWCVI	161	>EGFR-I821T SQYLLNWCVI	3882	3721
>EGFR-I821T SQYLLNWCVI	185	>EGFR-I821T SQYLLNWCVI	6972	6787
>EGFR-I821T VQIAKGMNY	300	>EGFR-I821T VQTAKGMNY	861	561
>EGFR-I821T VQIAKGMNY	332	>EGFR-I821T VQTAKGMNY	1113	781
>EGFR-I821T VQIAKGMNY	327	>EGFR-I821T VQTAKGMNY	1089	762
>EGFR-I821T VQIAKGMNY	22	>EGFR-I821T VQTAKGMNY	25	3
>EGFR-I821T VQIAKGMNY	63	>EGFR-I821T VQTAKGMNY	388	325
>EGFR-I821T VQIAKGMNY	344	>EGFR-I821T VQTAKGMNY	4724	4380
>EGFR-I821T VQIAKGMNY	192	>EGFR-I821T VQTAKGMNY	207	15
>EGFR-I821T VQIAKGMNY	8	>EGFR-I821T VQTAKGMNY	24	16
>EGFR-I821T VQIAKGMNY	73	>EGFR-I821T VQTAKGMNY	309	236
>EGFR-I821T CVQIAKGMN	329	>EGFR-I821T CVQTAKGMN	491	162
>EGFR-I821T CVQIAKGMN	301	>EGFR-I821T CVQTAKGMN	273	28
>EGFR-I821T WCVQIAKGM	249	>EGFR-I821T WCVQTAKGM	167	82
>EGFR-I821T WCVQIAKGM	454	>EGFR-I821T WCVQTAKGM	980	526
>EGFR-I821T WCVQIAKGM	1143	>EGFR-I821T WCVQTAKGM	461	682
>EGFR-I821T WCVQIAKGM	176	>EGFR-I821T WCVQTAKGM	233	57
>EGFR-I821T WCVQIAKGM	127	>EGFR-I821T WCVQTAKGM	142	15
>EGFR-I821T NWCVQIAK	292	>EGFR-I821T NWCVQTAK	487	195
>EGFR-I821T LLNWCVQI	39	>EGFR-I821T LLNWCVQT	664	625
>EGFR-I821T LLNWCVQIA	168	>EGFR-I821T LLNWCVQTA	71	97
>EGFR-I821T LLNWCVQI	20	>EGFR-I821T LLNWCVQT	292	272

>EGFR-I821T LLNWCVQIA	58	>EGFR-I821T LLNWCVQTA	47	11
>EGFR-I821T LLNWCVQI	12	>EGFR-I821T LLNWCVQT	114	102
>EGFR-I821T LLNWCVQIA	7	>EGFR-I821T LLNWCVQTA	6	1
>EGFR-I821T LLNWCVQI	6	>EGFR-I821T LLNWCVQT	72	66
>EGFR-I821T LLNWCVQIA	40	>EGFR-I821T LLNWCVQTA	6	34
>EGFR-I821T LLNWCVQI	100	>EGFR-I821T LLNWCVQT	6633	6533
>EGFR-I821T LLNWCVQIA	231	>EGFR-I821T LLNWCVQTA	38	193
>EGFR-I821T LLNWCVQI	28	>EGFR-I821T LLNWCVQT	545	517
>EGFR-I821T LLNWCVQIA	98	>EGFR-I821T LLNWCVQTA	30	68
>EGFR-I821T LLNWCVQI	14	>EGFR-I821T LLNWCVQT	428	414
>EGFR-I821T LLNWCVQIA	68	>EGFR-I821T LLNWCVQTA	19	49
>EGFR-I821T LLNWCVQI	3	>EGFR-I821T LLNWCVQT	8	5
>EGFR-I821T LLNWCVQIA	4	>EGFR-I821T LLNWCVQTA	3	1
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>EGFR-I821T LLNWCVQIA#	42	>EGFR-I821T LLNWCVQTA	50	8
>EGFR-I821T LLNWCVQIA#	100	>EGFR-I821T LLNWCVQTA	201	101
>EGFR-I821T LLNWCVQIA#	223	>EGFR-I821T LLNWCVQTA	370	147
>EGFR-I821T YLLNWCVQI	7	>EGFR-I821T YLLNWCVQT	15	8
>EGFR-I821T YLLNWCVQIA#	19	>EGFR-I821T YLLNWCVQT,	9	10
>EGFR-I821T YLLNWCVQI	32	>EGFR-I821T YLLNWCVQT	541	509
>EGFR-I821T YLLNWCVQIA#	51	>EGFR-I821T YLLNWCVQT,	19	32
>EGFR-I821T YLLNWCVQI	21	>EGFR-I821T YLLNWCVQT	212	191
>EGFR-I821T YLLNWCVQIA#	23	>EGFR-I821T YLLNWCVQT,	12	11
>EGFR-I821T YLLNWCVQI	12	>EGFR-I821T YLLNWCVQT	60	48
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>EGFR-I821T YLLNWCVQI	1	>EGFR-I821T YLLNWCVQT	3	2
>EGFR-I821T YLLNWCVQIA#	3	>EGFR-I821T YLLNWCVQT,	2	1
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>EGFR-I821T YLLNWCVQI	4	>EGFR-I821T YLLNWCVQT	42	38
>EGFR-I821T YLLNWCVQIA#	6	>EGFR-I821T YLLNWCVQT,	4	2
>EGFR-I821T YLLNWCVQI	4	>EGFR-I821T YLLNWCVQT	9	5
>EGFR-I821T YLLNWCVQIA#	6	>EGFR-I821T YLLNWCVQT,	5	1
>EGFR-I821T YLLNWCVQI	2	>EGFR-I821T YLLNWCVQT	9	7
>EGFR-I821T YLLNWCVQIA#	5	>EGFR-I821T YLLNWCVQT,	3	2
>EGFR-I821T YLLNWCVQI	2	>EGFR-I821T YLLNWCVQT	3	1
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>EGFR-I821T YLLNWCVQIA#	79	>EGFR-I821T YLLNWCVQT,	88	9
>EGFR-I821T YLLNWCVQIA#	83	>EGFR-I821T YLLNWCVQT,	188	105
>EGFR-I821T YLLNWCVQI	46	>EGFR-I821T YLLNWCVQT	10789	10743
>EGFR-I821T YLLNWCVQI	65	>EGFR-I821T YLLNWCVQT	9350	9285
>EGFR-I821T YLLNWCVQIA#	417	>EGFR-I821T YLLNWCVQT,	379	38
>EGFR-I821T YLLNWCVQI	22	>EGFR-I821T YLLNWCVQT	715	693

>EGFR-I821T YLLNWCVQIA	1116	>EGFR-I821T YLLNWCVQT	318	798
>EGFR-I821T YLLNWCVQI	288	>EGFR-I821T YLLNWCVQT	3901	3613
>EGFR-I821T QYLLNWCVQ	106	>EGFR-I821T QYLLNWCVQ	12107	12001
>EGFR-I821T QYLLNWCVQ	11	>EGFR-I821T QYLLNWCVQ	644	633
>EGFR-I853T ITDFGLAK	290	>EGFR-I853T TTDFGLAK	648	358
>EGFR-I853T ITDFGLAK	33	>EGFR-I853T TTDFGLAK	21	12
>EGFR-I853T ITDFGLAK	558	>EGFR-I853T TTDFGLAK	149	409
>EGFR-I853T ITDFGLAKL	5434	>EGFR-I853T TTDFGLAKL	417	5017
>EGFR-I853T ITDFGLAKL	732	>EGFR-I853T TTDFGLAKL	79	653
>EGFR-I853T ITDFGLAKLL	2110	>EGFR-I853T TTDFGLAKLL	339	1771
>EGFR-I853T ITDFGLAKL	6	>EGFR-I853T TTDFGLAKL	33	27
>EGFR-I853T ITDFGLAKLL	15	>EGFR-I853T TTDFGLAKLL	114	99
>EGFR-I853T ITDFGLAKLL	276	>EGFR-I853T TTDFGLAKLL	365	89
>EGFR-I853T ITDFGLAKL	97	>EGFR-I853T TTDFGLAKL	453	356
>EGFR-I853T ITDFGLAK	474	>EGFR-I853T TTDFGLAK	420	54
>EGFR-I853T KITDFGLAKL	91	>EGFR-I853T KTTDFGLAKL	216	125
>EGFR-I853T KITDFGLAKLL	228	>EGFR-I853T KTTDFGLAKL	929	701
>EGFR-I853T KITDFGLA	348	>EGFR-I853T KTTDFGLA	2342	1994
>EGFR-I853T KITDFGLAKL	81	>EGFR-I853T KTTDFGLAKL	207	126
>EGFR-I853T KITDFGLA	117	>EGFR-I853T KTTDFGLA	435	318
>EGFR-I853T KITDFGLAKL	432	>EGFR-I853T KTTDFGLAKL	474	42
>EGFR-I853T KITDFGLAKLL	462	>EGFR-I853T KTTDFGLAKL	1056	594
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>EGFR-I853T KITDFGLAKL	478	>EGFR-I853T KTTDFGLAKL	2724	2246
>EGFR-I853T KITDFGLAKL	29	>EGFR-I853T KTTDFGLAKL	1157	1128
>EGFR-I853T KITDFGLAKLL	183	>EGFR-I853T KTTDFGLAKL	5197	5014
>EGFR-I853T KITDFGLAK	102	>EGFR-I853T KTTDFGLAK	126	24
>EGFR-I853T KITDFGLAK	17	>EGFR-I853T KTTDFGLAK	12	5
>EGFR-I853T KITDFGLA	2125	>EGFR-I853T KTTDFGLA	395	1730
>EGFR-I853T KITDFGLAK	22	>EGFR-I853T KTTDFGLAK	8	14
>EGFR-I853T KITDFGLAK	1216	>EGFR-I853T KTTDFGLAK	322	894
>EGFR-I853T KITDFGLAKL	725	>EGFR-I853T KTTDFGLAKL	209	516
>EGFR-I853T KITDFGLAKLL	679	>EGFR-I853T KTTDFGLAKL	219	460
>EGFR-I853T KITDFGLAKL	693	>EGFR-I853T KTTDFGLAKL	4	689
>EGFR-I853T KITDFGLAKLL	2501	>EGFR-I853T KTTDFGLAKL	7	2494
>EGFR-I853T KITDFGLAKL	6828	>EGFR-I853T KTTDFGLAKL	421	6407
>EGFR-I853T KITDFGLAKL	2446	>EGFR-I853T KTTDFGLAKL	22	2424
>EGFR-I853T KITDFGLAKLL	1376	>EGFR-I853T KTTDFGLAKL	11	1365
>EGFR-I853T KITDFGLAKL	1056	>EGFR-I853T KTTDFGLAKL	38	1018
>EGFR-I853T KITDFGLAKLL	1241	>EGFR-I853T KTTDFGLAKL	28	1213
>EGFR-I853T KITDFGLAK	6535	>EGFR-I853T KTTDFGLAK	452	6083
>EGFR-I853T KITDFGLAK	98	>EGFR-I853T KTTDFGLAK	392	294
>EGFR-I853T KITDFGLAKLL	12000	>EGFR-I853T KTTDFGLAKL	220	11780



>EGFR-I853T VLVKTPQHVK	269	>EGFR-I853T VLVKTPQHVK	3729	3460
>EGFR-I853T VLVKTPQHVK	25	>EGFR-I853T VLVKTPQHVK	815	790
>EGFR-I853T VLVKTPQHVK	241	>EGFR-I853T VLVKTPQHVK	9210	8969
>EGFR-I853T VLVKTPQHVK	97	>EGFR-I853T VLVKTPQHVK	2809	2712
>EGFR-I853T VLVKTPQHVK	26	>EGFR-I853T VLVKTPQHVK	241	215
>EGFR-I853T VKITDFGL	279	>EGFR-I853T VKTTDFGL	911	632
>EGFR-I853T VKITDFGLAK	252	>EGFR-I853T VKTTDFGLAK	953	701
>EGFR-I853T VKITDFGLAKI	295	>EGFR-I853T VKTTDFGLAK	955	660
>EGFR-I853T HVKITDFGLA	520	>EGFR-I853T HVKTTDFGLA	264	256
>EGFR-I853T HVKITDFGLA	276	>EGFR-I853T HVKTTDFGLA	214	62
>EGFR-I853T HVKITDFG	229	>EGFR-I853T HVKTTDFG	124	105
>EGFR-I853T HVKITDFGL	168	>EGFR-I853T HVKTTDFGL	110	58
>EGFR-I853T HVKITDFGLA	33	>EGFR-I853T HVKTTDFGLA	26	7
>EGFR-I853T HVKITDFGLA	4	>EGFR-I853T HVKTTDFGLA	4	0
>EGFR-I853T HVKITDFGLA	201	>EGFR-I853T HVKTTDFGLA	246	45
>EGFR-I853T HVKITDFGLA	130	>EGFR-I853T HVKTTDFGLA	138	8
>EGFR-I853T HVKITDFGL	328	>EGFR-I853T HVKTTDFGL	1554	1226
>EGFR-I853T QHVKITDF	107	>EGFR-I853T QHVKTTDF	49	58
>EGFR-I853T QHVKITDFGL	380	>EGFR-I853T QHVKTTDFGI	148	232
>EGFR-I853T PQHVKITDF	82	>EGFR-I853T PQHVKTTDF	70	12
>EGFR-I853T TPQHVKITDF	80	>EGFR-I853T TPQHVKTTDF	116	36
>EGFR-I853T TPQHVKITDF	125	>EGFR-I853T TPQHVKTTDF	77	48
>EGFR-I853T TPQHVKITDF	890	>EGFR-I853T TPQHVKTTDF	358	532
>EGFR-I853T TPQHVKITDF	234	>EGFR-I853T TPQHVKTTDF	331	97
>EGFR-I853T KTPQHVKITD	461	>EGFR-I853T KTPQHVKTTL	676	215
>EGFR-I853T KTPQHVKI	23	>EGFR-I853T KTPQHVKT	2443	2420
>EGFR-I853T KTPQHVKITD	41	>EGFR-I853T KTPQHVKTTL	17	24
>EGFR-I853T KTPQHVKI	299	>EGFR-I853T KTPQHVKT	8026	7727
>EGFR-I853T KTPQHVKITD	44	>EGFR-I853T KTPQHVKTTL	40	4
>EGFR-I853T KTPQHVKI	33	>EGFR-I853T KTPQHVKT	8419	8386
>EGFR-I853T KTPQHVKIT	77	>EGFR-I853T KTPQHVKTT	236	159
>EGFR-I853T KTPQHVKITD	7	>EGFR-I853T KTPQHVKTTL	13	6
>EGFR-I853T KTPQHVKI	51	>EGFR-I853T KTPQHVKT	28771	28720
>EGFR-I853T VKTPQHVKI	395	>EGFR-I853T VKTPQHVKT	5843	5448
>EGFR-I853T LVKTPQHVKI	126	>EGFR-I853T LVKTPQHVKT	2634	2508
>EGFR-I91L-v IALNTVERIPL	225	>EGFR-I91L-r LALNTVERIPL	653	428
>EGFR-I91L-v IALNTVERI	144	>EGFR-I91L-r LALNTVERI	147	3
>EGFR-I91L-v IALNTVER	57	>EGFR-I91L-r LALNTVER	75	18
>EGFR-I91L-v IALNTVER	60	>EGFR-I91L-r LALNTVER	83	23
>EGFR-I91L-v IALNTVERIPL	153	>EGFR-I91L-r LALNTVERIPL	209	56
>EGFR-I91L-v IALNTVERI	289	>EGFR-I91L-r LALNTVERI	624	335
>EGFR-I91L-v IALNTVERIPL	124	>EGFR-I91L-r LALNTVERIPL	237	113
>EGFR-I91L-v IALNTVERI	226	>EGFR-I91L-r LALNTVERI	308	82

>EGFR-I91L-v IALNTVERI	275	>EGFR-I91L-r LALNTVERI	142	133
>EGFR-I91L-v LIALNTVERI	448	>EGFR-I91L-r LLALNTVERI	65	383
>EGFR-I91L-v LIALNTVERI	663	>EGFR-I91L-r LLALNTVERI	138	525
>EGFR-I91L-v LIALNTVERI	469	>EGFR-I91L-r LLALNTVERI	17	452
>EGFR-I91L-v LIALNTVERI	3627	>EGFR-I91L-r LLALNTVERI	64	3563
>EGFR-I91L-v LIALNTVERI	2807	>EGFR-I91L-r LLALNTVERI	99	2708
>EGFR-I91L-v LIALNTVERI	545	>EGFR-I91L-r LLALNTVERI	14	531
>EGFR-I91L-v LIALNTVERI	264	>EGFR-I91L-r LLALNTVERI	9	255
>EGFR-I91L-v LIALNTVER	460	>EGFR-I91L-r LLALNTVER	448	12
>EGFR-I91L-v LIALNTVER	23	>EGFR-I91L-r LLALNTVER	53	30
>EGFR-I91L-v LIALNTVER	159	>EGFR-I91L-r LLALNTVER	230	71
>EGFR-I91L-v TIQEVAGYVL	1337	>EGFR-I91L-r TIQEVAGYVL	377	960
>EGFR-I91L-v TIQEVAGYVL	434	>EGFR-I91L-r TIQEVAGYVL	506	72
>EGFR-I91L-v TIQEVAGYVL	2083	>EGFR-I91L-r TIQEVAGYVL	474	1609
>EGFR-I91L-v TIQEVAGYVL	107	>EGFR-I91L-r TIQEVAGYVL	231	124
>EGFR-I91L-v TIQEVAGYVL	352	>EGFR-I91L-r TIQEVAGYVL	660	308
>EGFR-I91L-v VLIALNTV	15	>EGFR-I91L-r VLLALNTV	13	2
>EGFR-I91L-v VLIALNTVERI	64	>EGFR-I91L-r VLLALNTVERI	54	10
>EGFR-I91L-v VLIALNTV	10	>EGFR-I91L-r VLLALNTV	31	21
>EGFR-I91L-v VLIALNTVERI	40	>EGFR-I91L-r VLLALNTVERI	190	150
>EGFR-I91L-v VLIALNTV	5	>EGFR-I91L-r VLLALNTV	20	15
>EGFR-I91L-v VLIALNTVERI	19	>EGFR-I91L-r VLLALNTVERI	160	141
>EGFR-I91L-v VLIALNTV	14	>EGFR-I91L-r VLLALNTV	14	0
>EGFR-I91L-v VLIALNTVERI	300	>EGFR-I91L-r VLLALNTVERI	263	37
>EGFR-I91L-v VLIALNTV	3	>EGFR-I91L-r VLLALNTV	2	1
>EGFR-I91L-v VLIALNTVERI	10	>EGFR-I91L-r VLLALNTVERI	4	6
>EGFR-I91L-v VLIALNTV	4	>EGFR-I91L-r VLLALNTV	4	0
>EGFR-I91L-v VLIALNTVERI	64	>EGFR-I91L-r VLLALNTVERI	40	24
>EGFR-I91L-v VLIALNTV	9	>EGFR-I91L-r VLLALNTV	5	4
>EGFR-I91L-v VLIALNTVERI	90	>EGFR-I91L-r VLLALNTVERI	16	74
>EGFR-I91L-v VLIALNTV	12	>EGFR-I91L-r VLLALNTV	2	10
>EGFR-I91L-v VLIALNTVERI	322	>EGFR-I91L-r VLLALNTVERI	13	309
>EGFR-I91L-v VLIALNTV	2	>EGFR-I91L-r VLLALNTV	2	0
>EGFR-I91L-v VLIALNTVERI	13	>EGFR-I91L-r VLLALNTVERI	10	3
>EGFR-I91L-v VLIALNTVER	393	>EGFR-I91L-r VLLALNTVER	648	255
>EGFR-I91L-v VLIALNTVER	214	>EGFR-I91L-r VLLALNTVER	204	10
>EGFR-I91L-v VLIALNTVERI	417	>EGFR-I91L-r VLLALNTVERI	233	184
>EGFR-I91L-v VLIALNTVER	58	>EGFR-I91L-r VLLALNTVER	349	291
>EGFR-I91L-v VLIALNTVER	199	>EGFR-I91L-r VLLALNTVER	118	81
>EGFR-I91L-v YVLLALNTV	28	>EGFR-I91L-r YVLLALNTV	29	1
>EGFR-I91L-v YVLLALNTV	100	>EGFR-I91L-r YVLLALNTV	110	10
>EGFR-I91L-v YVLLALNTV	30	>EGFR-I91L-r YVLLALNTV	37	7
>EGFR-I91L-v YVLLALNT	236	>EGFR-I91L-r YVLLALNT	285	49

>EGFR-I91L-v YVLIALNTV	4	>EGFR-I91L-r YVLLALNTV	4	0
>EGFR-I91L-v YVLIALNTV	4	>EGFR-I91L-r YVLLALNTV	8	4
>EGFR-I91L-v YVLIALNTV	6	>EGFR-I91L-r YVLLALNTV	6	0
>EGFR-I91L-v YVLIALNTV	8	>EGFR-I91L-r YVLLALNTV	11	3
>EGFR-I91L-v YVLIALNTV	6	>EGFR-I91L-r YVLLALNTV	4	2
>EGFR-I91L-v YVLIALNTV	3	>EGFR-I91L-r YVLLALNTV	4	1
>EGFR-I91L-v YVLIALNTVEF	123	>EGFR-I91L-r YVLLALNTVEI	174	51
>EGFR-I91L-v YVLIALNTVEF	404	>EGFR-I91L-r YVLLALNTVEI	224	180
>EGFR-I91L-v YVLIALNTVEF	20	>EGFR-I91L-r YVLLALNTVEI	21	1
>EGFR-I91L-v YVLIALNTV	154	>EGFR-I91L-r YVLLALNTV	153	1
>EGFR-I91L-v YVLIALNTV	8	>EGFR-I91L-r YVLLALNTV	10	2
>EGFR-I91L-v YVLIALNTVEF	273	>EGFR-I91L-r YVLLALNTVEI	271	2
>EGFR-I91L-v GYVLIALNTV	134	>EGFR-I91L-r GYVLLALNTV	150	16
>EGFR-I91L-v GYVLIALNTV	409	>EGFR-I91L-r GYVLLALNTV	433	24
>EGFR-I91L-v GYVLIALNTV	360	>EGFR-I91L-r GYVLLALNTV	266	94
>EGFR-I91L-v AGYVLIAL	110	>EGFR-I91L-r AGYVLLAL	166	56
>EGFR-I91L-v AGYVLIALNT	304	>EGFR-I91L-r AGYVLLALNT	220	84
>EGFR-I91L-v AGYVLIALNT	187	>EGFR-I91L-r AGYVLLALNT	151	36
>EGFR-I91L-v EVAGYVLI	688	>EGFR-I91L-r EVAGYVLL	245	443
>EGFR-I91L-v EVAGYVLIAL	372	>EGFR-I91L-r EVAGYVLLAL	289	83
>EGFR-I91L-v EVAGYVLIAL	742	>EGFR-I91L-r EVAGYVLLAL	403	339
>EGFR-I91L-v EVAGYVLIAL	419	>EGFR-I91L-r EVAGYVLLAL	378	41
>EGFR-I91L-v EVAGYVLIAL	235	>EGFR-I91L-r EVAGYVLLAL	175	60
>EGFR-I91L-v EVAGYVLI	841	>EGFR-I91L-r EVAGYVLL	128	713
>EGFR-I91L-v EVAGYVLI	422	>EGFR-I91L-r EVAGYVLL	64	358
>EGFR-I91L-v EVAGYVLIAL	7	>EGFR-I91L-r EVAGYVLLAL	9	2
>EGFR-I91L-v EVAGYVLIAL	449	>EGFR-I91L-r EVAGYVLLAL	505	56
>EGFR-I91L-v EVAGYVLI	6	>EGFR-I91L-r EVAGYVLL	7	1
>EGFR-I91L-v EVAGYVLI	43	>EGFR-I91L-r EVAGYVLLA	12	31
>EGFR-I91L-v EVAGYVLIAL	32	>EGFR-I91L-r EVAGYVLLAL	67	35
>EGFR-I91L-v EVAGYVLI	16	>EGFR-I91L-r EVAGYVLL	26	10
>EGFR-I91L-v EVAGYVLI	214	>EGFR-I91L-r EVAGYVLLA	55	159
>EGFR-I91L-v EVAGYVLIAL	20	>EGFR-I91L-r EVAGYVLLAL	20	0
>EGFR-I91L-v EVAGYVLIAL	288	>EGFR-I91L-r EVAGYVLLAL	435	147
>EGFR-I91L-v QEVAGYVLI	29	>EGFR-I91L-r QEVAGYVLL	782	753
>EGFR-I91L-v QEVAGYVLI	2118	>EGFR-I91L-r QEVAGYVLL	492	1626
>EGFR-I91L-v QEVAGYVLI	57	>EGFR-I91L-r QEVAGYVLLA	65	8
>EGFR-I91L-v QEVAGYVLI	2341	>EGFR-I91L-r QEVAGYVLL	174	2167
>EGFR-I91L-v QEVAGYVLI	86	>EGFR-I91L-r QEVAGYVLLA	102	16
>EGFR-I91L-v QEVAGYVLI	18	>EGFR-I91L-r QEVAGYVLL	7	11
>EGFR-I91L-v QEVAGYVLI	5	>EGFR-I91L-r QEVAGYVLLA	6	1
>EGFR-I91L-v QEVAGYVLI	428	>EGFR-I91L-r QEVAGYVLL	178	250
>EGFR-I91L-v QEVAGYVLI	335	>EGFR-I91L-r QEVAGYVLLA	266	69

>EGFR-I91L-v QEVAGYVLIA	74	>EGFR-I91L-r QEVAGYVLLA	57	17
>EGFR-I91L-v QEVAGYVLIA	976	>EGFR-I91L-r QEVAGYVLLA	367	609
>EGFR-I91L-v QEVAGYVLIA	465	>EGFR-I91L-r QEVAGYVLLA	396	69
>EGFR-I91L-v QEVAGYVLI	150	>EGFR-I91L-r QEVAGYVLL	421	271
>EGFR-I91L-v QEVAGYVLIA	79	>EGFR-I91L-r QEVAGYVLLA	42	37
>EGFR-I91L-v QEVAGYVLIA	143	>EGFR-I91L-r QEVAGYVLLA	241	98
>EGFR-I91L-v QEVAGYVLI	1483	>EGFR-I91L-r QEVAGYVLL	210	1273
>EGFR-I91L-v QEVAGYVLIA	285	>EGFR-I91L-r QEVAGYVLLA	355	70
>EGFR-I91L-v QEVAGYVLI	7	>EGFR-I91L-r QEVAGYVLL	23	16
>EGFR-I91L-v QEVAGYVLIA	23	>EGFR-I91L-r QEVAGYVLLA	33	10
>EGFR-I91L-v IQEVAGYVLI	693	>EGFR-I91L-r IQEVAGYVLL	495	198
>EGFR-I91L-v IQEVAGYVLI	4581	>EGFR-I91L-r IQEVAGYVLL	429	4152
>EGFR-K708E KETEFKKI	82	>EGFR-K708E EETEFKKI	38	44
>EGFR-K708E KETEFKKIKV	274	>EGFR-K708E EETEFKKIKV	112	162
>EGFR-K708E KETEFKKIKVL	128	>EGFR-K708E EETEFKKIKVL	48	80
>EGFR-K708E KETEFKKI	165	>EGFR-K708E EETEFKKI	1119	954
>EGFR-K708E KETEFKKIKVL	51	>EGFR-K708E EETEFKKIKVL	449	398
>EGFR-K708E KETEFKKI	289	>EGFR-K708E EETEFKKI	1804	1515
>EGFR-K708E KETEFKKIKVL	75	>EGFR-K708E EETEFKKIKVL	497	422
>EGFR-K708E KETEFKKI	1167	>EGFR-K708E EETEFKKI	431	736
>EGFR-K708E KETEFKKIKVL	876	>EGFR-K708E EETEFKKIKVL	331	545
>EGFR-K708E KETEFKKI	1324	>EGFR-K708E EETEFKKI	347	977
>EGFR-K708E KETEFKKIKVL	105	>EGFR-K708E EETEFKKIKVL	2008	1903
>EGFR-K708E LKETEFKKI	757	>EGFR-K708E LEETEFKKI	18	739
>EGFR-K708E LKETEFKKIKV	10167	>EGFR-K708E LEETEFKKIKV	252	9915
>EGFR-K708E LKETEFKKI	11837	>EGFR-K708E LEETEFKKI	20	11817
>EGFR-K708E LKETEFKKIKV	21369	>EGFR-K708E LEETEFKKIKV	165	21204
>EGFR-K708E ILKETEFKKI	144	>EGFR-K708E ILEETEFKKI	667	523
>EGFR-K708E ILKETEFKKI	259	>EGFR-K708E ILEETEFKKI	131	128
>EGFR-K708E ILKETEFKKI	650	>EGFR-K708E ILEETEFKKI	352	298
>EGFR-K708E ILKETEFKKI	63	>EGFR-K708E ILEETEFKKI	51	12
>EGFR-K708E ILKETEFK	129	>EGFR-K708E ILEETEFK	708	579
>EGFR-K708E ILKETEFKK	144	>EGFR-K708E ILEETEFKK	760	616
>EGFR-K708E ILKETEFK	431	>EGFR-K708E ILEETEFK	468	37
>EGFR-K708E ILKETEFK	97	>EGFR-K708E ILEETEFK	8078	7981
>EGFR-K708E ILKETEFKK	235	>EGFR-K708E ILEETEFKK	11637	11402
>EGFR-K708E ILKETEFKKIK	224	>EGFR-K708E ILEETEFKKIK	11181	10957
>EGFR-K708E ILKETEFK	352	>EGFR-K708E ILEETEFK	426	74
>EGFR-K708E RILKETEF	2738	>EGFR-K708E RILEETEF	333	2405
>EGFR-K708E RILKETEFKKI	1067	>EGFR-K708E RILEETEFKKI	187	880
>EGFR-K708E RILKETEFKKI	1156	>EGFR-K708E RILEETEFKKI	105	1051
>EGFR-K708E RILKETEFK	83	>EGFR-K708E RILEETEFK	114	31
>EGFR-K708E RILKETEFKK	111	>EGFR-K708E RILEETEFKK	186	75

>EGFR-K708E RILKETEFK	23	>EGFR-K708E RILEETEFK	21	2
>EGFR-K708E RILKETEFKK	58	>EGFR-K708E RILEETEFKK	48	10
>EGFR-K708E RILKETEF	267	>EGFR-K708E RILEETEF	407	140
>EGFR-K708E RILKETEFK	37	>EGFR-K708E RILEETEFK	76	39
>EGFR-K708E RILKETEFKK	71	>EGFR-K708E RILEETEFKK	127	56
>EGFR-K708E RILKETEF	40	>EGFR-K708E RILEETEF	33	7
>EGFR-K708E RILKETEFKKI	128	>EGFR-K708E RILEETEFKKI	86	42
>EGFR-K708E RILKETEF	62	>EGFR-K708E RILEETEF	74	12
>EGFR-K708E RILKETEF	111	>EGFR-K708E RILEETEF	59	52
>EGFR-K708E RILKETEF	814	>EGFR-K708E RILEETEF	473	341
>EGFR-K708E RILKETEFK	64	>EGFR-K708E RILEETEFK	116	52
>EGFR-K708E RILKETEFKK	149	>EGFR-K708E RILEETEFKK	256	107
>EGFR-K708E LRILKETEF	106	>EGFR-K708E LRILEETEF	44	62
>EGFR-K708E LRILKETEFK	302	>EGFR-K708E LRILEETEFK	361	59
>EGFR-K708E LRILKETEFKK	185	>EGFR-K708E LRILEETEFKK	239	54
>EGFR-K708E LLRILKET	724	>EGFR-K708E LLRILEET	302	422
>EGFR-K708E LLRILKETEFK	286	>EGFR-K708E LLRILEETEFK	454	168
>EGFR-K708E LLRILKETEFK	60	>EGFR-K708E LLRILEETEFK	102	42
>EGFR-K708E LLRILKETEF	167	>EGFR-K708E LLRILEETEF	184	17
>EGFR-K708E LLRILKETEF	119	>EGFR-K708E LLRILEETEF	70	49
>EGFR-K708E LLRILKETEF	422	>EGFR-K708E LLRILEETEF	464	42
>EGFR-K708E LLRILKETEF	547	>EGFR-K708E LLRILEETEF	248	299
>EGFR-K708E ALLRILKET	2514	>EGFR-K708E ALLRILEET	285	2229
>EGFR-K708E ALLRILKET	1772	>EGFR-K708E ALLRILEET	130	1642
>EGFR-K708E ALLRILKET	1906	>EGFR-K708E ALLRILEET	207	1699
>EGFR-K708E ALLRILKET	151	>EGFR-K708E ALLRILEET	27	124
>EGFR-K708E ALLRILKET	1293	>EGFR-K708E ALLRILEET	195	1098
>EGFR-K708E ALLRILKET	4200	>EGFR-K708E ALLRILEET	376	3824
>EGFR-K708E ALLRILKET	90	>EGFR-K708E ALLRILEET	27	63
>EGFR-K708E ALLRILKETEF	153	>EGFR-K708E ALLRILEETEF	124	29
>EGFR-K708E ALLRILKETEF	58	>EGFR-K708E ALLRILEETEF	55	3
>EGFR-K708E QALLRILK	62	>EGFR-K708E QALLRILE	23735	23673
>EGFR-K708E QALLRILK	145	>EGFR-K708E QALLRILE	14827	14682
>EGFR-K708E NQALLRILK	117	>EGFR-K708E NQALLRILE	26262	26145
>EGFR-K708I KETEFKKI	82	>EGFR-K708I METEFKKI	37	45
>EGFR-K708I KETEFKKIKV	274	>EGFR-K708I METEFKKIKV	56	218
>EGFR-K708I KETEFKKIKVL	128	>EGFR-K708I METEFKKIKV	27	101
>EGFR-K708I KETEFKKIKVL	1810	>EGFR-K708I METEFKKIKV	96	1714
>EGFR-K708I KETEFKKI	165	>EGFR-K708I METEFKKI	139	26
>EGFR-K708I KETEFKKIKV	51	>EGFR-K708I METEFKKIKV	50	1
>EGFR-K708I KETEFKKI	289	>EGFR-K708I METEFKKI	555	266
>EGFR-K708I KETEFKKIKV	75	>EGFR-K708I METEFKKIKV	117	42
>EGFR-K708I KETEFKKI	1167	>EGFR-K708I METEFKKI	304	863

>EGFR-K708I KETEFKKIKVL	876	>EGFR-K708I METEFKKIKV	228	648
>EGFR-K708I KETEFKKI	1324	>EGFR-K708I METEFKKI	269	1055
>EGFR-K708I KETEFKKIKVL	105	>EGFR-K708I METEFKKIKV	95	10
>EGFR-K708I LKETEFKKIKV	22115	>EGFR-K708I LMETEFKKIKV	89	22026
>EGFR-K708I LKETEFKKIKV	22292	>EGFR-K708I LMETEFKKIKV	190	22102
>EGFR-K708I LKETEFKKIKV	17246	>EGFR-K708I LMETEFKKIKV	6	17240
>EGFR-K708I LKETEFKK	21254	>EGFR-K708I LMETEFKK	453	20801
>EGFR-K708I APNQALLRILI	27970	>EGFR-K708I APNQALLRILI	21	27949
>EGFR-K708I APNQALLRILI	14212	>EGFR-K708I APNQALLRILI	39	14173
>EGFR-K708I APNQALLRILI	11565	>EGFR-K708I APNQALLRILI	150	11415
>EGFR-K708I APNQALLRILI	12487	>EGFR-K708I APNQALLRILI	357	12130
>EGFR-K708I ILKETEFKKI	6635	>EGFR-K708I ILMETEFKKI	97	6538
>EGFR-K708I ILKETEFK	5746	>EGFR-K708I ILMETEFK	233	5513
>EGFR-K708I ILKETEFKKI	702	>EGFR-K708I ILMETEFKKI	73	629
>EGFR-K708I ILKETEFKKI	144	>EGFR-K708I ILMETEFKKI	28	116
>EGFR-K708I ILKETEFKKI	6482	>EGFR-K708I ILMETEFKKI	204	6278
>EGFR-K708I ILKETEFKKI	259	>EGFR-K708I ILMETEFKKI	10	249
>EGFR-K708I ILKETEFKKI	650	>EGFR-K708I ILMETEFKKI	20	630
>EGFR-K708I ILKETEFKKI	1975	>EGFR-K708I ILMETEFKKI	85	1890
>EGFR-K708I ILKETEFKKI	3411	>EGFR-K708I ILMETEFKKI	13	3398
>EGFR-K708I ILKETEFKK	2119	>EGFR-K708I ILMETEFKK	270	1849
>EGFR-K708I ILKETEFKKI	63	>EGFR-K708I ILMETEFKKI	13	50
>EGFR-K708I ILKETEFK	129	>EGFR-K708I ILMETEFK	44	85
>EGFR-K708I ILKETEFKK	144	>EGFR-K708I ILMETEFKK	49	95
>EGFR-K708I ILKETEFKKIK	549	>EGFR-K708I ILMETEFKKIK	100	449
>EGFR-K708I ILKETEFK	431	>EGFR-K708I ILMETEFK	20	411
>EGFR-K708I ILKETEFKK	502	>EGFR-K708I ILMETEFKK	23	479
>EGFR-K708I ILKETEFKKIK	3295	>EGFR-K708I ILMETEFKKIK	174	3121
>EGFR-K708I ILKETEFK	97	>EGFR-K708I ILMETEFK	1786	1689
>EGFR-K708I ILKETEFKK	235	>EGFR-K708I ILMETEFKK	3962	3727
>EGFR-K708I ILKETEFKKIK	224	>EGFR-K708I ILMETEFKKIK	3781	3557
>EGFR-K708I ILKETEFK	352	>EGFR-K708I ILMETEFK	56	296
>EGFR-K708I ILKETEFKK	708	>EGFR-K708I ILMETEFKK	91	617
>EGFR-K708I RILKETEFK	83	>EGFR-K708I RILMETEFK	117	34
>EGFR-K708I RILKETEFKK	111	>EGFR-K708I RILMETEFKK	48	63
>EGFR-K708I RILKETEFK	23	>EGFR-K708I RILMETEFK	19	4
>EGFR-K708I RILKETEFKK	58	>EGFR-K708I RILMETEFKK	16	42
>EGFR-K708I RILKETEFL	267	>EGFR-K708I RILMETEFL	496	229
>EGFR-K708I RILKETEFK	37	>EGFR-K708I RILMETEFK	37	0
>EGFR-K708I RILKETEFKK	71	>EGFR-K708I RILMETEFKK	72	1
>EGFR-K708I RILKETEFK	508	>EGFR-K708I RILMETEFK	344	164
>EGFR-K708I RILKETEFKK	503	>EGFR-K708I RILMETEFKK	414	89
>EGFR-K708I RILKETEFL	40	>EGFR-K708I RILMETEFL	30	10

>EGFR-K708I RILKETEFKKI	128	>EGFR-K708I RILMETEFKKI	124	4
>EGFR-K708I RILKETEF	62	>EGFR-K708I RILMETEF	49	13
>EGFR-K708I RILKETEF	111	>EGFR-K708I RILMETEF	65	46
>EGFR-K708I RILKETEFK	64	>EGFR-K708I RILMETEFK	93	29
>EGFR-K708I RILKETEFKK	149	>EGFR-K708I RILMETEFKK	220	71
>EGFR-K708I LRILKETEF	106	>EGFR-K708I LRILMETEF	93	13
>EGFR-K708I LRILKETEFK	302	>EGFR-K708I LRILMETEFK	219	83
>EGFR-K708I LRILKETEFKK	185	>EGFR-K708I LRILMETEFKK	123	62
>EGFR-K708I LLRILKET	724	>EGFR-K708I LLRILMET	119	605
>EGFR-K708I LLRILKETEFK	286	>EGFR-K708I LLRILMETEFK	195	91
>EGFR-K708I LLRILKETEFK	60	>EGFR-K708I LLRILMETEFK	42	18
>EGFR-K708I LLRILKETEF	167	>EGFR-K708I LLRILMETEF	98	69
>EGFR-K708I LLRILKETEF	119	>EGFR-K708I LLRILMETEF	78	41
>EGFR-K708I LLRILKETEF	422	>EGFR-K708I LLRILMETEF	113	309
>EGFR-K708I LLRILKETEF	547	>EGFR-K708I LLRILMETEF	128	419
>EGFR-K708I ALLRILKET	2514	>EGFR-K708I ALLRILMET	110	2404
>EGFR-K708I ALLRILKET	1772	>EGFR-K708I ALLRILMET	295	1477
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>EGFR-K708I ALLRILKET	1906	>EGFR-K708I ALLRILMET	317	1589
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>EGFR-K708I ALLRILKET	4271	>EGFR-K708I ALLRILMET	482	3789
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>EGFR-K708I ALLRILKETEF	1230	>EGFR-K708I ALLRILMETEF	469	761
>EGFR-K708I ALLRILKETEF	153	>EGFR-K708I ALLRILMETEF	67	86
>EGFR-K708I ALLRILKETEF	58	>EGFR-K708I ALLRILMETEF	46	12
>EGFR-K708I QALLRILK	62	>EGFR-K708I QALLRILM	20633	20571
>EGFR-K708I QALLRILK	145	>EGFR-K708I QALLRILM	6149	6004
>EGFR-K708I NQALLRILK	117	>EGFR-K708I NQALLRILM	23832	23715
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>EGFR-K708F KETEFKKI	82	>EGFR-K708F RETEFKKI	441	359
>EGFR-K708F KETEFKKIKV	274	>EGFR-K708F RETEFKKIKV	287	13
>EGFR-K708F KETEFKKIKVL	128	>EGFR-K708F RETEFKKIKVL	137	9
>EGFR-K708F KETEFKKI	165	>EGFR-K708F RETEFKKI	43	122
>EGFR-K708F KETEFKKIKVL	51	>EGFR-K708F RETEFKKIKVL	18	33
>EGFR-K708F KETEFKKI	289	>EGFR-K708F RETEFKKI	248	41
>EGFR-K708F KETEFKKIKVL	75	>EGFR-K708F RETEFKKIKVL	64	11
>EGFR-K708F KETEFKKIKV	846	>EGFR-K708F RETEFKKIKV	495	351
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>EGFR-K708F ILKETEFKKI	144	>EGFR-K708F ILRETEFKKI	278	134
>EGFR-K708F ILKETEFKKI	259	>EGFR-K708F ILRETEFKKI	126	133
>EGFR-K708F ILKETEFKKI	63	>EGFR-K708F ILRETEFKKI	44	19
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>EGFR-K708FILKETEFK	431	>EGFR-K708FILRETEFK	1539	1108
>EGFR-K708FILKETEFK	97	>EGFR-K708FILRETEFK	20	77
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>EGFR-K708FILKETEFKKIK	224	>EGFR-K708FILRETEFKKIK	34	190
>EGFR-K708FILKETEFK	352	>EGFR-K708FILRETEFK	1052	700
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>EGFR-K708F RILKETEFK	23	>EGFR-K708F RILRETEFK	21	2
>EGFR-K708F RILKETEFKK	58	>EGFR-K708F RILRETEFKK	59	1
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>EGFR-K708F RILKETE F K	37	>EGFR-K708F RILRETE F K	18	19
>EGFR-K708F RILKETE F K K	71	>EGFR-K708F RILRETE F K K	39	32
>EGFR-K708F RILKETE F K	508	>EGFR-K708F RILRETE F K	289	219
>EGFR-K708F RILKETE F	40	>EGFR-K708F RILRETE F	35	5
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>EGFR-K708F RILKETE F	814	>EGFR-K708F RILRETE F	261	553
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>EGFR-K708F LRILKETE F	106	>EGFR-K708F LRILRETE F	59	47
>EGFR-K708F LRILKETE F K	302	>EGFR-K708F LRILRETE F K	170	132
>EGFR-K708F LRILKETE F K K	185	>EGFR-K708F LRILRETE F K K	113	72
>EGFR-K708F LLRILKETE F K	286	>EGFR-K708F LLRILRETE F K	209	77
>EGFR-K708F LLRILKETE F K	60	>EGFR-K708F LLRILRETE F K	24	36
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>EGFR-K708F LLRILKETE F	167	>EGFR-K708F LLRILRETE F	120	47
>EGFR-K708F LLRILKETE F	119	>EGFR-K708F LLRILRETE F	60	59
>EGFR-K708F LLRILKETE F	422	>EGFR-K708F LLRILRETE F	412	10
>EGFR-K708F LLRILKETE F	547	>EGFR-K708F LLRILRETE F	237	310
>EGFR-K708F ALLRILK E T	151	>EGFR-K708F ALLRILR E T	105	46
>EGFR-K708F ALLRILK E T	90	>EGFR-K708F ALLRILR E T	159	69
>EGFR-K708F ALLRILK E T E F	153	>EGFR-K708F ALLRILR E T E F	127	26
>EGFR-K708F ALLRILK E T E F	58	>EGFR-K708F ALLRILR E T E F	58	0
>EGFR-K708F QALLRIL K	62	>EGFR-K708F QALLRIL R	1887	1825
>EGFR-K708F QALLRIL K	145	>EGFR-K708F QALLRIL R	7418	7273
>EGFR-K708F QALLRIL K	1900	>EGFR-K708F QALLRIL R	82	1818
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>EGFR-K708F QALLRIL K	636	>EGFR-K708F QALLRIL R	165	471
>EGFR-K708F QALLRIL K	4224	>EGFR-K708F QALLRIL R	170	4054
>EGFR-K708F NQALLRIL K	117	>EGFR-K708F NQALLRIL R	4579	4462



>EGFR-K708F NQALLRILK	2757	>EGFR-K708F NQALLRILR	155	2602
>EGFR-K708F NQALLRILK	6799	>EGFR-K708F NQALLRILR	314	6485
>EGFR-K708F NQALLRILK	611	>EGFR-K708F NQALLRILR	174	437
>EGFR-K708F NQALLRILK	3733	>EGFR-K708F NQALLRILR	130	3603
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>EGFR-K713F LLRILKETEFK	60	>EGFR-K713F LLRILKETEFF	8988	8928
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>EGFR-K713F LLRILKETEFK	13515	>EGFR-K713F LLRILKETEFF	160	13355
>EGFR-K713F TEFKKIKV	513	>EGFR-K713F TEFFKIKV	324	189
>EGFR-K713F TEFKKIKVL	51	>EGFR-K713F TEFFKIKVL	93	42
>EGFR-K713F TEFKKIKVL	462	>EGFR-K713F TEFFKIKVL	317	145
>EGFR-K713F TEFKKIKV	711	>EGFR-K713F TEFFKIKV	231	480
>EGFR-K713F TEFKKIKVL	284	>EGFR-K713F TEFFKIKVL	98	186
>EGFR-K713F TEFKKIKV	361	>EGFR-K713F TEFFKIKV	357	4
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>EGFR-K713F TEFKKIKVL	460	>EGFR-K713F TEFFKIKVL	505	45
>EGFR-K713F TEFKKIKVL	85	>EGFR-K713F TEFFKIKVL	209	124
>EGFR-K713F ETEFFKIK	46	>EGFR-K713F ETEFFKIK	14	32
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>EGFR-K713F ETEFFKIKV	511	>EGFR-K713F ETEFFKIKV	22	489
>EGFR-K713F ETEFFKIK	2685	>EGFR-K713F ETEFFKIK	338	2347
>EGFR-K713F KETEFFKI	82	>EGFR-K713F KETEFFKI	169	87
>EGFR-K713F KETEFFKIKV	274	>EGFR-K713F KETEFFKIKV	196	78
>EGFR-K713F KETEFFKIKVL	128	>EGFR-K713F KETEFFKIKVL	154	26
>EGFR-K713F KETEFFKI	165	>EGFR-K713F KETEFFKI	24	141
>EGFR-K713F KETEFFKIKVL	51	>EGFR-K713F KETEFFKIKVL	28	23
>EGFR-K713F KETEFFKI	289	>EGFR-K713F KETEFFKI	62	227
>EGFR-K713F KETEFFKIKVL	75	>EGFR-K713F KETEFFKIKVL	36	39
>EGFR-K713F KETEFFKI	1167	>EGFR-K713F KETEFFKI	478	689
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>EGFR-K713F KETEFFKIKVL	105	>EGFR-K713F KETEFFKIKVL	40	65
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>EGFR-K713F ILKETEFFKI	6635	>EGFR-K713F ILKETEFFKI	261	6374
>EGFR-K713F ILKETEFFKI	702	>EGFR-K713F ILKETEFFKI	75	627
>EGFR-K713F ILKETEFFKI	144	>EGFR-K713F ILKETEFFKI	141	3
>EGFR-K713F ILKETEFFKI	6482	>EGFR-K713F ILKETEFFKI	498	5984
>EGFR-K713F ILKETEFFKI	259	>EGFR-K713F ILKETEFFKI	35	224
>EGFR-K713F ILKETEFFKI	650	>EGFR-K713F ILKETEFFKI	42	608
>EGFR-K713F ILKETEFFKI	1975	>EGFR-K713F ILKETEFFKI	192	1783

>EGFR-K713FILKETEFKKI	3411	>EGFR-K713FILKETEFFKI	273	3138
>EGFR-K713FILKETEFKKI	63	>EGFR-K713FILKETEFFKI	10	53
>EGFR-K713FILKETEFLK	129	>EGFR-K713FILKETEFFF	19571	19442
>EGFR-K713FILKETEFLKK	144	>EGFR-K713FILKETEFFFK	57	87
>EGFR-K713FILKETEFLKKIK	549	>EGFR-K713FILKETEFFFKIK	233	316
>EGFR-K713FILKETEFLK	431	>EGFR-K713FILKETEFFF	24538	24107
>EGFR-K713FILKETEFLKK	502	>EGFR-K713FILKETEFFFK	62	440
>EGFR-K713FILKETEFLK	97	>EGFR-K713FILKETEFFF	10809	10712
>EGFR-K713FILKETEFLKK	235	>EGFR-K713FILKETEFFFK	22	213
>EGFR-K713FILKETEFLKKIK	224	>EGFR-K713FILKETEFFFKIK	86	138
>EGFR-K713FILKETEFLKK	528	>EGFR-K713FILKETEFFFK	55	473
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>EGFR-K713FILKETEFLK	352	>EGFR-K713FILKETEFFF	20510	20158
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>EGFR-K713FILKETEFLK	19009	>EGFR-K713FILKETEFFF	154	18855
>EGFR-K713FILKETEFLK	6618	>EGFR-K713FILKETEFFF	47	6571
>EGFR-K713FILKETEFLKKI	6677	>EGFR-K713FILKETEFFFKI	438	6239
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>EGFR-K713FILKETEFLKKI	3306	>EGFR-K713FILKETEFFFKI	353	2953
>EGFR-K713FILKETEFLK	83	>EGFR-K713FILKETEFFF	17803	17720
>EGFR-K713FILKETEFLKK	111	>EGFR-K713FILKETEFFFK	28	83
>EGFR-K713FILKETEFLK	23	>EGFR-K713FILKETEFFF	18080	18057
>EGFR-K713FILKETEFLKK	58	>EGFR-K713FILKETEFFFK	17	41
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>EGFR-K713FILKETEFLKK	503	>EGFR-K713FILKETEFFFK	83	420
>EGFR-K713FILKETEFLK	6980	>EGFR-K713FILKETEFFF	53	6927
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>EGFR-K713FILKETEFLK	11024	>EGFR-K713FILKETEFFF	102	10922
>EGFR-K713FILKETEFLK	19835	>EGFR-K713FILKETEFFF	200	19635
>EGFR-K713FILKETEFLKK	2214	>EGFR-K713FILKETEFFFK	423	1791
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>EGFR-K713FILKETEFLKK	149	>EGFR-K713FILKETEFFFK	83	66
>EGFR-K713FILKETEFLKKI	669	>EGFR-K713FILKETEFFFKI	466	203
>EGFR-K713FLRILKETEFLK	7496	>EGFR-K713FLRILKETEFFF	156	7340
>EGFR-K713FLRILKETEFLK	302	>EGFR-K713FLRILKETEFFF	135	167
>EGFR-K713FLRILKETEFLKK	185	>EGFR-K713FLRILKETEFFFK	223	38
>EGFR-K728FKGLWIPEGEK	229	>EGFR-K728FKGLWIPEGEK	240	11
>EGFR-K728FKGLWIPEGEK	499	>EGFR-K728FKGLWIPEGEK	1231	732
>EGFR-K728FYKGLWIPEGE	8696	>EGFR-K728FYKGLWIPEGE	280	8416

>EGFR-K728FLGSGAFGTVY	5036	>EGFR-K728FLGSGAFGTVY	395	4641
>EGFR-K728FLGSGAFGTVY	931	>EGFR-K728FLGSGAFGTVY	235	696
>EGFR-K728FLGSGAFGTVY	2410	>EGFR-K728FLGSGAFGTVY	123	2287
>EGFR-K728FVYKGLWIPE	2095	>EGFR-K728FVYRGLWIPE	452	1643
>EGFR-K728FVYKGLWIPEC	1937	>EGFR-K728FVYRGLWIPEC	357	1580
>EGFR-K728FTVYKGLWI	153	>EGFR-K728FTVYRGLWI	164	11
>EGFR-K728FTVYKGLWI	168	>EGFR-K728FTVYRGLWI	161	7
>EGFR-K728FTVYKGLWI	444	>EGFR-K728FTVYRGLWI	368	76
>EGFR-K728FTVYKGLWI	893	>EGFR-K728FTVYRGLWI	459	434
>EGFR-K728FTVYKGLWI	463	>EGFR-K728FTVYRGLWI	479	16
>EGFR-K728FTVYKGLWI	191	>EGFR-K728FTVYRGLWI	223	32
>EGFR-K728FTVYKGLWI	265	>EGFR-K728FTVYRGLWI	255	10
>EGFR-K728FGTVYKGLW	14	>EGFR-K728FGTVYRGLW	14	0
>EGFR-K728FGTVYKGLWI	24	>EGFR-K728FGTVYRGLWI	31	7
>EGFR-K728FGTVYKGLW	199	>EGFR-K728FGTVYRGLW	152	47
>EGFR-K728FGTVYKGLW	230	>EGFR-K728FGTVYRGLW	178	52
>EGFR-K728FGTVYKGLWI	118	>EGFR-K728FGTVYRGLWI	69	49
>EGFR-K728FGTVYKGLWI	166	>EGFR-K728FGTVYRGLWI	77	89
>EGFR-K728FGTVYKGL	354	>EGFR-K728FGTVYRGL	152	202
>EGFR-K728FGTVYKGLW	393	>EGFR-K728FGTVYRGLW	312	81
>EGFR-K728FGTVYKGLW	29	>EGFR-K728FGTVYRGLW	17	12
>EGFR-K728FAFGTVYKGL	152	>EGFR-K728FAFGTVYRGL	244	92
>EGFR-K728FAFGTVYKGLV	249	>EGFR-K728FAFGTVYRGLV	275	26
>EGFR-K728FAGFGTVYKGL	372	>EGFR-K728FAGFGTVYRGL	278	94
>EGFR-K728FAGFGTVYK	122	>EGFR-K728FAGFGTVYR	2359	2237
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>EGFR-K728FAGFGTVYK	98	>EGFR-K728FAGFGTVYR	6435	6337
>EGFR-K728FAGFGTVYK	222	>EGFR-K728FAGFGTVYR	13	209
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>EGFR-K728FAGFGTVYK	23	>EGFR-K728FAGFGTVYR	10	13
>EGFR-K728FAGFGTVYKGL	158	>EGFR-K728FAGFGTVYRGL	207	49
>EGFR-K728FAGFGTVYKGL	38	>EGFR-K728FAGFGTVYRGL	38	0
>EGFR-K728FAGFGTVYKGL	456	>EGFR-K728FAGFGTVYRGL	531	75
>EGFR-K728FAGFGTVYKGL	46	>EGFR-K728FAGFGTVYRGL	44	2
>EGFR-K728FAGFGTVYKGL	34	>EGFR-K728FAGFGTVYRGL	29	5
>EGFR-K728FAGFGTVYKGL	279	>EGFR-K728FAGFGTVYRGL	266	13
>EGFR-K728FAGFGTVYKGL	603	>EGFR-K728FAGFGTVYRGL	488	115
>EGFR-K728FAGFGTVYKGL	33	>EGFR-K728FAGFGTVYRGL	29	4
>EGFR-K728FAGFGTVYK	150	>EGFR-K728FAGFGTVYR	216	66
>EGFR-K728FAGFGTVYK	1799	>EGFR-K728FAGFGTVYR	107	1692
>EGFR-K728FSGAFGTVYK	49	>EGFR-K728FSGAFGTVYR	1215	1166
>EGFR-K728FSGAFGTVYK	3142	>EGFR-K728FSGAFGTVYR	102	3040
>EGFR-K728FSGAFGTVYK	178	>EGFR-K728FSGAFGTVYR	55	123

>EGFR-K728F SGAFGTVYK	342	>EGFR-K728F SGAFGTVYR	586	244
>EGFR-K728F SGAFGTVYK	1101	>EGFR-K728F SGAFGTVYR	87	1014
>EGFR-K728F GSGAFGTVYK	46	>EGFR-K728F GSGAFGTVYF	715	669
>EGFR-K728F GSGAFGTVYK	29	>EGFR-K728F GSGAFGTVYF	268	239
>EGFR-K728F GSGAFGTVYK	3035	>EGFR-K728F GSGAFGTVYF	227	2808
>EGFR-K728F GSGAFGTVYK	224	>EGFR-K728F GSGAFGTVYF	74	150
>EGFR-K728F GSGAFGTVYK	337	>EGFR-K728F GSGAFGTVYF	561	224
>EGFR-K728F GSGAFGTVYK	3744	>EGFR-K728F GSGAFGTVYF	298	3446
>EGFR-K745F KELREATSPK/	449	>EGFR-K745F RELREATSPK/	348	101
>EGFR-K745F KELREATSPK/	71	>EGFR-K745F RELREATSPK/	55	16
>EGFR-K745F KELREATSPK/	319	>EGFR-K745F RELREATSPK/	137	182
>EGFR-K745F AIKELREA	369	>EGFR-K745F AIRELREA	786	417
>EGFR-K745F AIKELREA	496	>EGFR-K745F AIRELREA	70	426
>EGFR-K745F PVAIKELR	386	>EGFR-K745F PVAIRELR	253	133
>EGFR-K745F IPVAIKEL	25	>EGFR-K745F IPVAIREL	37	12
>EGFR-K745F IPVAIKELR	150	>EGFR-K745F IPVAIRELR	80	70
>EGFR-K745F IPVAIKEL	151	>EGFR-K745F IPVAIREL	38	113
>EGFR-K745F IPVAIKEL	406	>EGFR-K745F IPVAIREL	259	147
>EGFR-K745F IPVAIKEL	340	>EGFR-K745F IPVAIREL	468	128
>EGFR-K745F IPVAIKELREA	30	>EGFR-K745F IPVAIRELREA	29	1
>EGFR-K745F IPVAIKEL	248	>EGFR-K745F IPVAIREL	97	151
>EGFR-K745F IPVAIKEL	498	>EGFR-K745F IPVAIREL	372	126
>EGFR-K745F IPVAIKELR	547	>EGFR-K745F IPVAIRELR	479	68
>EGFR-K745F KIPVAIKELR	78	>EGFR-K745F KIPVAIRELR	33	45
>EGFR-K745F KIPVAIKELR	68	>EGFR-K745F KIPVAIRELR	53	15
>EGFR-K745F KIPVAIKEL	331	>EGFR-K745F KIPVAIREL	218	113
>EGFR-K745F KIPVAIKELR	66	>EGFR-K745F KIPVAIRELR	82	16
>EGFR-K745F VKIPVAIKEL	87	>EGFR-K745F VKIPVAIREL	130	43
>EGFR-K745F KVKIPVAIK	124	>EGFR-K745F KVKIPVAIR	2150	2026
>EGFR-K745F KVKIPVAIK	183	>EGFR-K745F KVKIPVAIR	2619	2436
>EGFR-K745F KVKIPVAIK	4	>EGFR-K745F KVKIPVAIR	26	22
>EGFR-K745F KVKIPVAIKEL	29	>EGFR-K745F KVKIPVAIREL	21	8
>EGFR-K745F KVKIPVAIK	43	>EGFR-K745F KVKIPVAIR	9	34
>EGFR-K745F KVKIPVAIKEL	148	>EGFR-K745F KVKIPVAIREL	228	80
>EGFR-K745F KVKIPVAIK	5037	>EGFR-K745F KVKIPVAIR	217	4820
>EGFR-K754F KANKEILDEA'	126	>EGFR-K754F RANKEILDEA'	244	118
>EGFR-K754F KANKEILDEA'	385	>EGFR-K754F RANKEILDEA'	284	101
>EGFR-K754F KANKEILDEA'	255	>EGFR-K754F RANKEILDEA'	115	140
>EGFR-K754F KANKEILDEA'	293	>EGFR-K754F RANKEILDEA'	197	96
>EGFR-K754F KANKEILDEA'	140	>EGFR-K754F RANKEILDEA'	48	92
>EGFR-K754F KANKEILDEA'	200	>EGFR-K754F RANKEILDEA'	116	84
>EGFR-K754F KANKEILDEA'	86	>EGFR-K754F RANKEILDEA'	119	33
>EGFR-K754F KANKEILDEA'	473	>EGFR-K754F RANKEILDEA'	312	161

>EGFR-K754F SPKANKEI	133	>EGFR-K754F SPRANKEI	1113	980
>EGFR-K754F SPKANKEIL	187	>EGFR-K754F SPRANKEIL	1679	1492
>EGFR-K754F SPKANKEI	741	>EGFR-K754F SPRANKEI	32	709
>EGFR-K754F SPKANKEIL	193	>EGFR-K754F SPRANKEIL	17	176
>EGFR-K754F TSPKANKEI	54	>EGFR-K754F TSPRANKEI	125	71
>EGFR-K754F TSPKANKEIL	9	>EGFR-K754F TSPRANKEIL	15	6
>EGFR-K754F TSPKANKEI	159	>EGFR-K754F TSPRANKEI	160	1
>EGFR-K754F ATSPKANK	145	>EGFR-K754F ATSPRANK	83	62
>EGFR-K754F ATSPKANK	29	>EGFR-K754F ATSPRANK	20	9
>EGFR-K754F ATSPKANK	36	>EGFR-K754F ATSPRANK	16	20
>EGFR-K754F ATSPKANK	389	>EGFR-K754F ATSPRANK	249	140
>EGFR-K754F ATSPKANK	445	>EGFR-K754F ATSPRANK	229	216
>EGFR-K754F ATSPKANKEI	35	>EGFR-K754F ATSPRANKEI	46	11
>EGFR-K754F ATSPKANKEIL	55	>EGFR-K754F ATSPRANKEIL	63	8
>EGFR-K754F ATSPKANKEI	468	>EGFR-K754F ATSPRANKEI	367	101
>EGFR-K754F ATSPKANKEIL	347	>EGFR-K754F ATSPRANKEI	249	98
>EGFR-K754F ATSPKANKEI	295	>EGFR-K754F ATSPRANKEI	204	91
>EGFR-K754F ATSPKANK	121	>EGFR-K754F ATSPRANK	127	6
>EGFR-K754F ATSPKANKEIL	716	>EGFR-K754F ATSPRANKEIL	431	285
>EGFR-K754F EATSPKANK	18	>EGFR-K754F EATSPRANK	11	7
>EGFR-K754F EATSPKANKE	158	>EGFR-K754F EATSPRANKE	98	60
>EGFR-K754F REATSPKA	39	>EGFR-K754F REATSPRA	36	3
>EGFR-K754F ELREATSPKA	122	>EGFR-K754F ELREATSPRA	70	52
>EGFR-K754F ELREATSPK	226	>EGFR-K754F ELREATSPR	5142	4916
>EGFR-K754F ELREATSPK	86	>EGFR-K754F ELREATSPR	5078	4992
>EGFR-K754F ELREATSPK	517	>EGFR-K754F ELREATSPR	26	491
>EGFR-K754F ELREATSPK	139	>EGFR-K754F ELREATSPR	37	102
>EGFR-K754F KELREATSPK/	449	>EGFR-K754F KELREATSPR/	403	46
>EGFR-K754F KELREATSPK/	71	>EGFR-K754F KELREATSPR/	62	9
>EGFR-K754F KELREATSPK/	319	>EGFR-K754F KELREATSPR/	411	92
>EGFR-K754F KELREATSPK	1380	>EGFR-K754F KELREATSPR	54	1326
>EGFR-K806/ KDNIGSQYLL	329	>EGFR-K806/ ADNIGSQYLL	185	144
>EGFR-K806/ HKDNIGSQY	8840	>EGFR-K806/ HADNIGSQY	95	8745
>EGFR-K806/ HKDNIGSQY	1183	>EGFR-K806/ HADNIGSQY	374	809
>EGFR-K806/ HKDNIGSQYL	15641	>EGFR-K806/ HADNIGSQYL	458	15183
>EGFR-K806/ HKDNIGSQY	198	>EGFR-K806/ HADNIGSQY	4191	3993
>EGFR-K806/ HKDNIGSQY	16930	>EGFR-K806/ HADNIGSQY	134	16796
>EGFR-K806/ HKDNIGSQYL	22750	>EGFR-K806/ HADNIGSQYL	471	22279
>EGFR-K806/ HKDNIGSQY	5881	>EGFR-K806/ HADNIGSQY	63	5818
>EGFR-K806/ HKDNIGSQYL	372	>EGFR-K806/ HADNIGSQYL	3353	2981
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>EGFR-K806/ HKDNIGSQY	125	>EGFR-K806/ HADNIGSQY	19	106
>EGFR-K806/ HKDNIGSQY	2961	>EGFR-K806/ HADNIGSQY	385	2576

>EGFR-K806/HKDNIGSQY	1019	>EGFR-K806/HADNIGSQY	439	580
>EGFR-K806/EHKDNIGSQY	731	>EGFR-K806/EHADNIGSQY	184	547
>EGFR-K806/EHKDNIGSQY	8747	>EGFR-K806/EHADNIGSQY	258	8489
>EGFR-K806/REHKDNIGSC	364	>EGFR-K806/REHADNIGSC	250	114
>EGFR-K806/REHKDNIGSC	104	>EGFR-K806/REHADNIGSC	103	1
>EGFR-K806/REHKDNIGSC	360	>EGFR-K806/REHADNIGSC	313	47
>EGFR-K806/REHKDNIGS	394	>EGFR-K806/REHADNIGS	174	220
>EGFR-K806/REHKDNIGSC	362	>EGFR-K806/REHADNIGSC	605	243
>EGFR-K806/YVREHKDNI	519	>EGFR-K806/YVREHADNI	84	435
>EGFR-K806/YVREHKDNI	2207	>EGFR-K806/YVREHADNI	392	1815
>EGFR-K806/LDYVREHKDN	101	>EGFR-K806/LDYVREHADN	82	19
>EGFR-K806/LDYVREHKDN	286	>EGFR-K806/LDYVREHADN	175	111
>EGFR-K806/LDYVREHKDN	387	>EGFR-K806/LDYVREHADN	378	9
>EGFR-K806/LDYVREHKDN	62	>EGFR-K806/LDYVREHADN	37	25
>EGFR-K806/LLDYVREHK	18127	>EGFR-K806/LLDYVREHA	369	17758
>EGFR-K806/LLDYVREHK	18378	>EGFR-K806/LLDYVREHA	315	18063
>EGFR-K806/LLDYVREHK	18113	>EGFR-K806/LLDYVREHA	295	17818
>EGFR-K806/CLLDYVREHK	10484	>EGFR-K806/CLLDYVREHA	401	10083
>EGFR-K806/CLLDYVREHK	11054	>EGFR-K806/CLLDYVREHA	215	10839
>EGFR-K806/CLLDYVREHK	3891	>EGFR-K806/CLLDYVREHA	46	3845
>EGFR-K806/CLLDYVREHK	14923	>EGFR-K806/CLLDYVREHA	319	14604
>EGFR-K806/CLLDYVREHK	15996	>EGFR-K806/CLLDYVREHA	306	15690
>EGFR-K806/CLLDYVREHK	15285	>EGFR-K806/CLLDYVREHA	238	15047
>EGFR-K806/CLLDYVREHK	4944	>EGFR-K806/CLLDYVREHA	45	4899
>EGFR-K806/CLLDYVREHK	74	>EGFR-K806/CLLDYVREHA	22188	22114
>EGFR-K806/CLLDYVREHK	144	>EGFR-K806/CLLDYVREHA	34412	34268
>EGFR-K806EKDNIGSQYLL	329	>EGFR-K806EKDNIGSQYLL	520	191
>EGFR-K806EHKDNIGSQYL	12403	>EGFR-K806EHKDNIGSQYL	477	11926
>EGFR-K806EHKDNIGSQYL	13206	>EGFR-K806EHKDNIGSQYL	360	12846
>EGFR-K806EHKDNIGSQY	198	>EGFR-K806EHKDNIGSQY	4595	4397
>EGFR-K806EHKDNIGSQY	12642	>EGFR-K806EHKDNIGSQY	186	12456
>EGFR-K806EHKDNIGSQYL	372	>EGFR-K806EHKDNIGSQYL	1094	722
>EGFR-K806EHKDNIGSQYL	71	>EGFR-K806EHKDNIGSQYL	173	102
>EGFR-K806EHKDNIGSQYL	9587	>EGFR-K806EHKDNIGSQYL	10	9577
>EGFR-K806EHKDNIGSQYL	25856	>EGFR-K806EHKDNIGSQYL	376	25480
>EGFR-K806EHKDNIGSQYL	22060	>EGFR-K806EHKDNIGSQYL	65	21995
>EGFR-K806EHKDNIGSQY	23738	>EGFR-K806EHKDNIGSQY	371	23367
>EGFR-K806EHKDNIGSQY	125	>EGFR-K806EHKDNIGSQY	166	41
>EGFR-K806EHKDNIGSQYL	18962	>EGFR-K806EHKDNIGSQYL	431	18531
>EGFR-K806EHKDNIGSQYL	16411	>EGFR-K806EHKDNIGSQYL	90	16321
>EGFR-K806E REHKDNIGSC	364	>EGFR-K806E REHKDNIGSC	401	37
>EGFR-K806E REHKDNIGSC	104	>EGFR-K806E REHKDNIGSC	157	53
>EGFR-K806E REHKDNIGSC	773	>EGFR-K806E REHKDNIGSC	289	484

>EGFR-K806E REHKDNIGSC	360	>EGFR-K806E REHEDNIGSC	223	137
>EGFR-K806E REHKDNIGS	394	>EGFR-K806E REHEDNIGS	247	147
>EGFR-K806E REHKDNIGSC	362	>EGFR-K806E REHEDNIGSC	957	595
>EGFR-K806E YVREHKDNI	519	>EGFR-K806E YVREHEDNI	489	30
>EGFR-K806E LDYVREHKDN	101	>EGFR-K806E LDYVREHEDN	184	83
>EGFR-K806E LDYVREHKDN	286	>EGFR-K806E LDYVREHEDN	275	11
>EGFR-K806E LDYVREHKDN	387	>EGFR-K806E LDYVREHEDN	307	80
>EGFR-K806E LDYVREHKDN	62	>EGFR-K806E LDYVREHEDN	55	7
>EGFR-K806E CLLDYVREHK	74	>EGFR-K806E CLLDYVREHE	20802	20728
>EGFR-K806E CLLDYVREHK	144	>EGFR-K806E CLLDYVREHE	33449	33305
>EGFR-K846F KTPQHVKITD	1001	>EGFR-K846F RTPQHVKITD	194	807
>EGFR-K846F KTPQHVKITD	461	>EGFR-K846F RTPQHVKITD	372	89
>EGFR-K846F KTPQHVKI	23	>EGFR-K846F RTPQHVKI	30	7
>EGFR-K846F KTPQHVKITD	41	>EGFR-K846F RTPQHVKITD	45	4
>EGFR-K846F KTPQHVKITD	693	>EGFR-K846F RTPQHVKITD	432	261
>EGFR-K846F KTPQHVKI	299	>EGFR-K846F RTPQHVKI	116	183
>EGFR-K846F KTPQHVKITD	44	>EGFR-K846F RTPQHVKITD	16	28
>EGFR-K846F KTPQHVKI	33	>EGFR-K846F RTPQHVKI	38	5
>EGFR-K846F KTPQHVKIT	77	>EGFR-K846F RTPQHVKIT	55	22
>EGFR-K846F KTPQHVKITD	7	>EGFR-K846F RTPQHVKITD	6	1
>EGFR-K846F KTPQHVKI	51	>EGFR-K846F RTPQHVKI	28	23
>EGFR-K846F VKTPQHVKI	395	>EGFR-K846F VRTPQHVKI	1214	819
>EGFR-K846F RDLAARNVL	377	>EGFR-K846F RDLAARNVL	9593	9216
>EGFR-K846F RDLAARNVL	3721	>EGFR-K846F RDLAARNVL	227	3494
>EGFR-K846F LVKTPQHV	262	>EGFR-K846F LVRTPQHV	569	307
>EGFR-K846F LVKTPQHV	42	>EGFR-K846F LVRTPQHV	32	10
>EGFR-K846F LVKTPQHVK	322	>EGFR-K846F LVRTPQHVK	132	190
>EGFR-K846F LVKTPQHVK	207	>EGFR-K846F LVRTPQHVK	658	451
>EGFR-K846F LVKTPQHV	173	>EGFR-K846F LVRTPQHV	27	146
>EGFR-K846F LVKTPQHVK	15	>EGFR-K846F LVRTPQHVK	6	9
>EGFR-K846F LVKTPQHVKI	126	>EGFR-K846F LVRTPQHVKI	25	101
>EGFR-K846F LVKTPQHVK	399	>EGFR-K846F LVRTPQHVK	827	428
>EGFR-K846F LVKTPQHVK	357	>EGFR-K846F LVRTPQHVK	1059	702
>EGFR-K846F VLVKTPQHV	476	>EGFR-K846F VLVRTQHV	803	327
>EGFR-K846F VLVKTPQHV	215	>EGFR-K846F VLVRTQHV	347	132
>EGFR-K846F VLVKTPQHV	22	>EGFR-K846F VLVRTQHV	22	0
>EGFR-K846F VLVKTPQHVK	269	>EGFR-K846F VLVRTQHVK	281	12
>EGFR-K846F VLVKTPQHV	248	>EGFR-K846F VLVRTQHV	314	66
>EGFR-K846F VLVKTPQHV	3	>EGFR-K846F VLVRTQHV	3	0
>EGFR-K846F VLVKTPQHVK	25	>EGFR-K846F VLVRTQHVK	20	5
>EGFR-K846F VLVKTPQHV	6	>EGFR-K846F VLVRTQHV	6	0
>EGFR-K846F VLVKTPQHVK	241	>EGFR-K846F VLVRTQHVK	186	55
>EGFR-K846F VLVKTPQHV	7	>EGFR-K846F VLVRTQHV	7	0

>EGFR-K846F VLVKTPQHVK	97	>EGFR-K846F VLV RTPQHVK	147	50
>EGFR-K846F VLVKTPQHV	30	>EGFR-K846F VLV RTPQH V	24	6
>EGFR-K846F VLVKTPQHV	3	>EGFR-K846F VLV RTPQH V	3	0
>EGFR-K846F VLVKTPQHVK	26	>EGFR-K846F VLV RTPQHVK	15	11
>EGFR-K846F VLVKTPQHVK	415	>EGFR-K846F VLV RTPQHVK	312	103
>EGFR-K846F NVLVKTPQH\	424	>EGFR-K846F NVLV RTPQH\	465	41
>EGFR-K846F NVLVKTPQH\	178	>EGFR-K846F NVLV RTPQH\	201	23
>EGFR-K846F NVLVKTPQH\	179	>EGFR-K846F NVLV RTPQH\	301	122
>EGFR-K846F NVLVKTPQH\	269	>EGFR-K846F NVLV RTPQH\	206	63
>EGFR-K846F NVLVKTPQH\	225	>EGFR-K846F NVLV RTPQH\	163	62
>EGFR-K846F NVLVKTPQH\	318	>EGFR-K846F NVLV RTPQH\	231	87
>EGFR-K846F NVLVKTPQH\	29	>EGFR-K846F NVLV RTPQH\	29	0
>EGFR-K846F ARNVLVKTPC	531	>EGFR-K846F ARNVLV RTPC	369	162
>EGFR-K846F AARNVLVK	338	>EGFR-K846F AARNVLVR	6765	6427
>EGFR-K846F AARNVLVK	5	>EGFR-K846F AARNVLVR	86	81
>EGFR-K846F AARNVLVKTf	404	>EGFR-K846F AARNVLVRTf	171	233
>EGFR-K846F AARNVLVK	2329	>EGFR-K846F AARNVLVR	102	2227
>EGFR-K846F LAARNVLVK	458	>EGFR-K846F LAARNVLVR	8227	7769
>EGFR-K846F LAARNVLVK	230	>EGFR-K846F LAARNVLVR	6037	5807
>EGFR-K846F LAARNVLVK	398	>EGFR-K846F LAARNVLVR	9500	9102
>EGFR-K846F LAARNVLVK	267	>EGFR-K846F LAARNVLVR	86	181
>EGFR-K846F DLAARNVLVK	382	>EGFR-K846F DLAARNVLVf	4294	3912
>EGFR-K846F DLAARNVLVK	745	>EGFR-K846F DLAARNVLVf	243	502
>EGFR-K846F DLAARNVLVK	10875	>EGFR-K846F DLAARNVLVf	487	10388
>EGFR-K852↑KITDFGLAKL	91	>EGFR-K852↑NITDFGLAKL	210	119
>EGFR-K852↑KITDFGLAKLL	228	>EGFR-K852↑NITDFGLAKLI	507	279
>EGFR-K852↑KITDFGLA	348	>EGFR-K852↑NITDFGLA	861	513
>EGFR-K852↑KITDFGLAKL	81	>EGFR-K852↑NITDFGLAKL	135	54
>EGFR-K852↑KITDFGLA	117	>EGFR-K852↑NITDFGLA	926	809
>EGFR-K852↑KITDFGLAKL	432	>EGFR-K852↑NITDFGLAKL	1245	813
>EGFR-K852↑KITDFGLAKLL	462	>EGFR-K852↑NITDFGLAKLI	2267	1805
>EGFR-K852↑KITDFGLAKL	188	>EGFR-K852↑NITDFGLAKL	1619	1431
>EGFR-K852↑KITDFGLAKL	478	>EGFR-K852↑NITDFGLAKL	4308	3830
>EGFR-K852↑KITDFGLAKL	29	>EGFR-K852↑NITDFGLAKL	184	155
>EGFR-K852↑KITDFGLAKLL	183	>EGFR-K852↑NITDFGLAKLI	1225	1042
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>EGFR-K852↑KITDFGLAK	17	>EGFR-K852↑NITDFGLAK	89	72
>EGFR-K852↑KITDFGLAK	22	>EGFR-K852↑NITDFGLAK	6915	6893
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>EGFR-K852↑KITDFGLA	10194	>EGFR-K852↑NITDFGLA	415	9779
>EGFR-K852↑KITDFGLAKL	7086	>EGFR-K852↑NITDFGLAKL	386	6700
>EGFR-K852↑KITDFGLAK	98	>EGFR-K852↑NITDFGLAK	1691	1593
>EGFR-K852↑VKITDFGL	279	>EGFR-K852↑VNITDFGL	6431	6152



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>EGFR-K852I VKITDFGLAKI	295	>EGFR-K852I VNITDFGLAK	6212	5917
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>EGFR-K852I NVLVKTPQH	318	>EGFR-K852I NVLVKTPQH	21764	21446
>EGFR-K852I HVKITDFGLA	520	>EGFR-K852I HVNITDFGLA	214	306
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>EGFR-K852I HVKITDFG	229	>EGFR-K852I HVNITDFG	3860	3631
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>EGFR-K852I HVKITDFGL	328	>EGFR-K852I HVNITDFGL	431	103
>EGFR-K852I QHVKITDF	107	>EGFR-K852I QHVNITDF	70	37
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>EGFR-K852I PQHVKITDF	82	>EGFR-K852I PQHVNITDF	23	59
>EGFR-K852I TPQHVKITDF	80	>EGFR-K852I TPQHVNITDF	45	35
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>EGFR-K852I TPQHVKITDF	234	>EGFR-K852I TPQHVNITDF	91	143
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>EGFR-K852I KTPQHVKITD	461	>EGFR-K852I KTPQHVNITC	223	238
>EGFR-K852I KTPQHVKI	23	>EGFR-K852I KTPQHVNI	21	2
>EGFR-K852I KTPQHVKITD	41	>EGFR-K852I KTPQHVNITC	33	8
>EGFR-K852I KTPQHVKITD	693	>EGFR-K852I KTPQHVNITC	475	218
>EGFR-K852I KTPQHVKI	299	>EGFR-K852I KTPQHVNI	465	166
>EGFR-K852I KTPQHVKITD	44	>EGFR-K852I KTPQHVNITC	76	32
>EGFR-K852I KTPQHVKI	33	>EGFR-K852I KTPQHVNI	111	78
>EGFR-K852I KTPQHVKIT	77	>EGFR-K852I KTPQHVNIT	20	57
>EGFR-K852I KTPQHVKITD	1351	>EGFR-K852I KTPQHVNITC	395	956
>EGFR-K852I KTPQHVKITD	7	>EGFR-K852I KTPQHVNITC	5	2
>EGFR-K852I KTPQHVKI	51	>EGFR-K852I KTPQHVNI	60	9
>EGFR-K852I VKTPQHVKI	395	>EGFR-K852I VKTPQHVNI	173	222
>EGFR-K852I LVKTPQHVK	322	>EGFR-K852I LVKTPQHVN	21237	20915
>EGFR-K852I LVKTPQHVK	207	>EGFR-K852I LVKTPQHVN	23238	23031
>EGFR-K852I LVKTPQHVK	15	>EGFR-K852I LVKTPQHVN	6766	6751
>EGFR-K852I LVKTPQHVKI	126	>EGFR-K852I LVKTPQHVNI	68	58
>EGFR-K852I LVKTPQHVK	399	>EGFR-K852I LVKTPQHVN	14857	14458
>EGFR-K852I LVKTPQHVK	357	>EGFR-K852I LVKTPQHVN	24358	24001
>EGFR-K852I VLVKTPQHVK	703	>EGFR-K852I VLVKTPQHV	411	292
>EGFR-K852I VLVKTPQHVK	269	>EGFR-K852I VLVKTPQHV	146	123
>EGFR-K852I VLVKTPQHVK	25	>EGFR-K852I VLVKTPQHV	27	2
>EGFR-K852I VLVKTPQHVK	241	>EGFR-K852I VLVKTPQHV	145	96

>EGFR-K852I VLVKTPQHVI	97	>EGFR-K852I VLVKTPQHVI	85	12
>EGFR-K852I VLVKTPQHVI	26	>EGFR-K852I VLVKTPQHVI	28	2
>EGFR-K852I VLVKTPQHVI	415	>EGFR-K852I VLVKTPQHVI	29123	28708
>EGFR-K860E KLLGAE EK	169	>EGFR-K860E ELLGAE EK	7817	7648
>EGFR-K860E KLLGAE EK	322	>EGFR-K860E ELLGAE EK	5764	5442
>EGFR-K860E KLLGAE EKEY	10065	>EGFR-K860E ELLGAE EKEY	247	9818
>EGFR-K860E KLLGAE EK	12793	>EGFR-K860E ELLGAE EK	270	12523
>EGFR-K860E AKLLGAE EKE'	23	>EGFR-K860E AELLGAE EKE'	1128	1105
>EGFR-K860E AKLLGAE EKE'	11008	>EGFR-K860E AELLGAE EKE'	121	10887
>EGFR-K860E AKLLGAE EKE'	13221	>EGFR-K860E AELLGAE EKE'	83	13138
>EGFR-K860E AKLLGAE EK	29386	>EGFR-K860E AELLGAE EK	405	28981
>EGFR-K860E AKLLGAE EKE'	28876	>EGFR-K860E AELLGAE EKE'	467	28409
>EGFR-K860E HVKITDFGLA	276	>EGFR-K860E HVKITDFGLA	25206	24930
>EGFR-K860E HVKITDFGLA	4	>EGFR-K860E HVKITDFGLA	1257	1253
>EGFR-K860E HVKITDFGLA	201	>EGFR-K860E HVKITDFGLA	11325	11124
>EGFR-K860E HVKITDFGLA	130	>EGFR-K860E HVKITDFGLA	16807	16677
>EGFR-K860E LAKLLGAE EK	377	>EGFR-K860E LAELLGAE EK	11317	10940
>EGFR-K860E GLAKLLGA	216	>EGFR-K860E GLAELLGA	44	172
>EGFR-K860E GLAKLLGA	32	>EGFR-K860E GLAELLGA	9	23
>EGFR-K860E GLAKLLGA	13	>EGFR-K860E GLAELLGA	6	7
>EGFR-K860E GLAKLLGA	235	>EGFR-K860E GLAELLGA	29	206
>EGFR-K860E GLAKLLGA	151	>EGFR-K860E GLAELLGA	18	133
>EGFR-K860E GLAKLLGA	251	>EGFR-K860E GLAELLGA	31	220
>EGFR-K860E GLAKLLGA	44	>EGFR-K860E GLAELLGA	14	30
>EGFR-K860E GLAKLLGA	4181	>EGFR-K860E GLAELLGA	429	3752
>EGFR-K860E GLAKLLGA	31	>EGFR-K860E GLAELLGA	7	24
>EGFR-K860E GLAKLLGAE E	347	>EGFR-K860E GLAELLGAE E	486	139
>EGFR-K860E FGLAKLLGA	123	>EGFR-K860E FGLAELLGA	57	66
>EGFR-K860E TDFGLAKLL	145	>EGFR-K860E TDFGLAELL	706	561
>EGFR-K860E TDFGLAKL	624	>EGFR-K860E TDFGLAEL	181	443
>EGFR-K860E TDFGLAKLL	352	>EGFR-K860E TDFGLAELL	348	4
>EGFR-K860E TDFGLAKL	295	>EGFR-K860E TDFGLAELL	93	202
>EGFR-K860E ITDFGLAKL	1387	>EGFR-K860E ITDFGLAEL	400	987
>EGFR-K860E ITDFGLAKL	808	>EGFR-K860E ITDFGLAEL	171	637
>EGFR-K860E ITDFGLAKL	919	>EGFR-K860E ITDFGLAEL	344	575
>EGFR-K860E ITDFGLAK	290	>EGFR-K860E ITDFGLAE	21184	20894
>EGFR-K860E ITDFGLAK	33	>EGFR-K860E ITDFGLAE	20813	20780
>EGFR-K860E ITDFGLAKL	6	>EGFR-K860E ITDFGLAEL	7	1
>EGFR-K860E ITDFGLAKLL	15	>EGFR-K860E ITDFGLAELL	30	15
>EGFR-K860E ITDFGLAKLL	276	>EGFR-K860E ITDFGLAELL	264	12
>EGFR-K860E ITDFGLAKL	97	>EGFR-K860E ITDFGLAEL	143	46
>EGFR-K860E ITDFGLAK	474	>EGFR-K860E ITDFGLAE	16657	16183
>EGFR-K860E KITDFGLAKL	1756	>EGFR-K860E KITDFGLAEL	477	1279

>EGFR-K860E KITDFGLAKLL	1619	>EGFR-K860E KITDFGLAELL	417	1202
>EGFR-K860E KITDFGLAKL	91	>EGFR-K860E KITDFGLAEL	64	27
>EGFR-K860E KITDFGLAKLL	228	>EGFR-K860E KITDFGLAELL	38	190
>EGFR-K860E KITDFGLAKL	81	>EGFR-K860E KITDFGLAEL	49	32
>EGFR-K860E KITDFGLAKL	432	>EGFR-K860E KITDFGLAEL	177	255
>EGFR-K860E KITDFGLAKLL	462	>EGFR-K860E KITDFGLAELL	75	387
>EGFR-K860E KITDFGLAKL	188	>EGFR-K860E KITDFGLAEL	78	110
>EGFR-K860E KITDFGLAKLL	810	>EGFR-K860E KITDFGLAELL	304	506
>EGFR-K860E KITDFGLAKL	1044	>EGFR-K860E KITDFGLAEL	444	600
>EGFR-K860E KITDFGLAKL	478	>EGFR-K860E KITDFGLAEL	275	203
>EGFR-K860E KITDFGLAKL	29	>EGFR-K860E KITDFGLAEL	15	14
>EGFR-K860E KITDFGLAKLL	183	>EGFR-K860E KITDFGLAELL	70	113
>EGFR-K860E KITDFGLAK	102	>EGFR-K860E KITDFGLAE	17536	17434
>EGFR-K860E KITDFGLAK	17	>EGFR-K860E KITDFGLAE	16408	16391
>EGFR-K860E KITDFGLAK	22	>EGFR-K860E KITDFGLAE	10614	10592
>EGFR-K860E KITDFGLAKLL	679	>EGFR-K860E KITDFGLAELL	297	382
>EGFR-K860E KITDFGLAK	98	>EGFR-K860E KITDFGLAE	12343	12245
>EGFR-K860E VKITDFGLAK	252	>EGFR-K860E VKITDFGLAE	2352	2100
>EGFR-K860E VKITDFGLAKI	295	>EGFR-K860E VKITDFGLAEI	130	165
>EGFR-K860I KLLGAE EK	169	>EGFR-K860I ILLGAE EK	452	283
>EGFR-K860I KLLGAE EK	322	>EGFR-K860I ILLGAE EK	740	418
>EGFR-K860I KLLGAE EKEY	1038	>EGFR-K860I ILLGAE EKEY	352	686
>EGFR-K860I AKLLGAE EK	17612	>EGFR-K860I AILLGAE EK	125	17487
>EGFR-K860I AKLLGAE EKE'	23	>EGFR-K860I AILLGAE EKEY	2759	2736
>EGFR-K860I AKLLGAE EKE'	11060	>EGFR-K860I AILLGAE EKEY	365	10695
>EGFR-K860I HVKITDFGLA	276	>EGFR-K860I HVKITDFGLA	25865	25589
>EGFR-K860I HVKITDFGLA	4	>EGFR-K860I HVKITDFGLA	15	11
>EGFR-K860I HVKITDFGLA	201	>EGFR-K860I HVKITDFGLA	12876	12675
>EGFR-K860I HVKITDFGLA	130	>EGFR-K860I HVKITDFGLA	27914	27784
>EGFR-K860I LAKLLGAE EK	2408	>EGFR-K860I LAILLGAE EK	206	2202
>EGFR-K860I LAKLLGAE EK	377	>EGFR-K860I LAILLGAE EK	7326	6949
>EGFR-K860I LAKLLGAE EK	1217	>EGFR-K860I LAILLGAE EK	90	1127
>EGFR-K860I GLAKLLGA	216	>EGFR-K860I GLAILLGA	277	61
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>EGFR-K860I GLAKLLGA	13	>EGFR-K860I GLAILLGA	20	7
>EGFR-K860I GLAKLLGA	235	>EGFR-K860I GLAILLGA	470	235
>EGFR-K860I GLAKLLGA	151	>EGFR-K860I GLAILLGA	95	56
>EGFR-K860I GLAKLLGA	251	>EGFR-K860I GLAILLGA	421	170
>EGFR-K860I GLAKLLGA	44	>EGFR-K860I GLAILLGA	39	5
>EGFR-K860I GLAKLLGA	31	>EGFR-K860I GLAILLGA	22	9
>EGFR-K860I GLAKLLGAEE	347	>EGFR-K860I GLAILLGAEEK	689	342
>EGFR-K860I FGLAKLLGA	123	>EGFR-K860I FGLAILLGA	30	93
>EGFR-K860I DFGLAKLLGA	969	>EGFR-K860I DFGLAILLGA	314	655

>EGFR-K860I TDFGLAKLL	145	>EGFR-K860I TDFGLAILL	1130	985
>EGFR-K860I TDFGLAKLL	3517	>EGFR-K860I TDFGLAILL	236	3281
>EGFR-K860I TDFGLAKL	624	>EGFR-K860I TDFGLAIL	255	369
>EGFR-K860I TDFGLAKLL	352	>EGFR-K860I TDFGLAILL	164	188
>EGFR-K860I TDFGLAKLLG	657	>EGFR-K860I TDFGLAILLG/	285	372
>EGFR-K860I TDFGLAKLL	295	>EGFR-K860I TDFGLAILL	208	87
>EGFR-K860I ITDFGLAK	17248	>EGFR-K860I ITDFGLAI	384	16864
>EGFR-K860I ITDFGLAK	290	>EGFR-K860I ITDFGLAI	21615	21325
>EGFR-K860I ITDFGLAK	33	>EGFR-K860I ITDFGLAI	21678	21645
>EGFR-K860I ITDFGLAK	17271	>EGFR-K860I ITDFGLAI	497	16774
>EGFR-K860I ITDFGLAK	7108	>EGFR-K860I ITDFGLAI	45	7063
>EGFR-K860I ITDFGLAKL	6	>EGFR-K860I ITDFGLAIL	13	7
>EGFR-K860I ITDFGLAKLL	15	>EGFR-K860I ITDFGLAILL	21	6
>EGFR-K860I ITDFGLAKL	748	>EGFR-K860I ITDFGLAIL	369	379
>EGFR-K860I ITDFGLAKLL	276	>EGFR-K860I ITDFGLAILL	108	168
>EGFR-K860I ITDFGLAKL	97	>EGFR-K860I ITDFGLAIL	45	52
>EGFR-K860I ITDFGLAK	474	>EGFR-K860I ITDFGLAI	11960	11486
>EGFR-K860I ITDFGLAK	38536	>EGFR-K860I ITDFGLAI	76	38460
>EGFR-K860I ITDFGLAKLL	613	>EGFR-K860I ITDFGLAILL	380	233
>EGFR-K860I KITDFGLAK	22631	>EGFR-K860I KITDFGLAI	321	22310
>EGFR-K860I KITDFGLAKLL	1619	>EGFR-K860I KITDFGLAILL	173	1446
>EGFR-K860I KITDFGLAK	21625	>EGFR-K860I KITDFGLAI	375	21250
>EGFR-K860I KITDFGLAKL	91	>EGFR-K860I KITDFGLAIL	114	23
>EGFR-K860I KITDFGLAKLL	228	>EGFR-K860I KITDFGLAILL	83	145
>EGFR-K860I KITDFGLAK	20675	>EGFR-K860I KITDFGLAI	294	20381
>EGFR-K860I KITDFGLAKL	81	>EGFR-K860I KITDFGLAIL	77	4
>EGFR-K860I KITDFGLAK	12822	>EGFR-K860I KITDFGLAI	28	12794
>EGFR-K860I KITDFGLAKL	432	>EGFR-K860I KITDFGLAIL	380	52
>EGFR-K860I KITDFGLAKLL	462	>EGFR-K860I KITDFGLAILL	51	411
>EGFR-K860I KITDFGLAK	15573	>EGFR-K860I KITDFGLAI	93	15480
>EGFR-K860I KITDFGLAKL	188	>EGFR-K860I KITDFGLAIL	503	315
>EGFR-K860I KITDFGLAKLL	810	>EGFR-K860I KITDFGLAILL	252	558
>EGFR-K860I KITDFGLAKL	478	>EGFR-K860I KITDFGLAIL	852	374
>EGFR-K860I KITDFGLAKLL	2225	>EGFR-K860I KITDFGLAILL	381	1844
>EGFR-K860I KITDFGLAK	15818	>EGFR-K860I KITDFGLAI	409	15409
>EGFR-K860I KITDFGLAKL	29	>EGFR-K860I KITDFGLAIL	56	27
>EGFR-K860I KITDFGLAKLL	183	>EGFR-K860I KITDFGLAILL	55	128
>EGFR-K860I KITDFGLAK	102	>EGFR-K860I KITDFGLAI	18514	18412
>EGFR-K860I KITDFGLAK	17	>EGFR-K860I KITDFGLAI	15785	15768
>EGFR-K860I KITDFGLAK	22	>EGFR-K860I KITDFGLAI	699	677
>EGFR-K860I KITDFGLAK	6416	>EGFR-K860I KITDFGLAI	36	6380
>EGFR-K860I KITDFGLAKLL	679	>EGFR-K860I KITDFGLAILL	357	322
>EGFR-K860I KITDFGLAKLL	1376	>EGFR-K860I KITDFGLAILL	411	965

>EGFR-K860I KITDFGLAK	98	>EGFR-K860I KITDFGLAI	17446	17348
>EGFR-K860I VKITDFGLAK	252	>EGFR-K860I VKITDFGLAI	41	211
>EGFR-K860I VKITDFGLAKI	295	>EGFR-K860I VKITDFGLAIL	123	172
>EGFR-K875F KVPIKWMAL	208	>EGFR-K875F RVPIKWMAL	386	178
>EGFR-K875F KVPIKWMAL	210	>EGFR-K875F RVPIKWMAL	328	118
>EGFR-K875F KVPIKWMAL	471	>EGFR-K875F RVPIKWMAL	426	45
>EGFR-K875F KVPIKWMAL	1971	>EGFR-K875F RVPIKWMAL	442	1529
>EGFR-K875F GKVPIKWM	10174	>EGFR-K875F GRVPIKWM	233	9941
>EGFR-K875F GKVPIKWMA	6603	>EGFR-K875F GRVPIKWMA	81	6522
>EGFR-K875F GKVPIKWMA	544	>EGFR-K875F GRVPIKWMA	185	359
>EGFR-K875F GKVPIKWMA	6150	>EGFR-K875F GRVPIKWMA	140	6010
>EGFR-K875F GGKVPKWK	2055	>EGFR-K875F GGRVPIKW	457	1598
>EGFR-K875F GGKVPKWK	475	>EGFR-K875F GGRVPIKWM	132	343
>EGFR-K875F AEGGKVPK	155	>EGFR-K875F AEGGRVPI	202	47
>EGFR-K875F AEGGKVPK	177	>EGFR-K875F AEGGRVPI	125	52
>EGFR-K875F AEGGKVPKVK	76	>EGFR-K875F AEGGRVPIKV	86	10
>EGFR-K875F AEGGKVPKVK	137	>EGFR-K875F AEGGRVPIKV	154	17
>EGFR-K875F AEGGKVPKVK	222	>EGFR-K875F AEGGRVPIKV	228	6
>EGFR-K875F AEGGKVPK	54	>EGFR-K875F AEGGRVPI	46	8
>EGFR-K875F AEGGKVPK	563	>EGFR-K875F AEGGRVPIK	499	64
>EGFR-K875F AEGGKVPKVK	278	>EGFR-K875F AEGGRVPIKV	276	2
>EGFR-K875F AEGGKVPK	110	>EGFR-K875F AEGGRVPI	93	17
>EGFR-K875F AEGGKVPKVK	277	>EGFR-K875F AEGGRVPIKV	359	82
>EGFR-K875F HAEGGKVPK	675	>EGFR-K875F HAEGGRVPIK	196	479
>EGFR-K875F HAEGGKVPK	2648	>EGFR-K875F HAEGGRVPI	422	2226
>EGFR-K875F HAEGGKVPK	176	>EGFR-K875F HAEGGRVPIK	199	23
>EGFR-K875F HAEGGKVPK	134	>EGFR-K875F HAEGGRVPIK	169	35
>EGFR-K875F HAEGGKVPK	165	>EGFR-K875F HAEGGRVPIK	126	39
>EGFR-K875F HAEGGKVPK	448	>EGFR-K875F HAEGGRVPIK	349	99
>EGFR-K875F HAEGGKVPK	476	>EGFR-K875F HAEGGRVPIK	300	176
>EGFR-K875F YHAEGGKVPK	486	>EGFR-K875F YHAEGGRVPI	325	161
>EGFR-K875F YHAEGGKVPK	306	>EGFR-K875F YHAEGGRVPI	340	34
>EGFR-K875F YHAEGGKVPK	22	>EGFR-K875F YHAEGGRVPI	20	2
>EGFR-K875F EYHAEGGKVP	173	>EGFR-K875F EYHAEGGRVI	93	80
>EGFR-K875F EYHAEGGKVP	270	>EGFR-K875F EYHAEGGRVI	213	57
>EGFR-K875F EYHAEGGK	6848	>EGFR-K875F EYHAEGGR	288	6560
>EGFR-K875F EYHAEGGK	758	>EGFR-K875F EYHAEGGR	195	563
>EGFR-K875F EYHAEGGK	1512	>EGFR-K875F EYHAEGGR	61	1451
>EGFR-K875F KEYHAEGGK\	130	>EGFR-K875F KEYHAEGGR\	184	54
>EGFR-K875F KEYHAEGGK\	65	>EGFR-K875F KEYHAEGGR\	108	43
>EGFR-K875F KEYHAEGGK	4175	>EGFR-K875F KEYHAEGGR	175	4000
>EGFR-L62R- LGNLEITYV	382	>EGFR-L62R- RGNLEITYV	1765	1383
>EGFR-L62R- LGNLEITY	835	>EGFR-L62R- RGNLEITY	432	403

>EGFR-L62R- LGNLEITYVQI	355	>EGFR-L62R- RGNLEITYVQ	36	319
>EGFR-L62R- LGNLEITY	2577	>EGFR-L62R- RGNLEITY	294	2283
>EGFR-L62R- LGNLEITY	176	>EGFR-L62R- RGNLEITY	1131	955
>EGFR-L62R- LGNLEITYVQI	1127	>EGFR-L62R- RGNLEITYVQ	123	1004
>EGFR-L62R- VLGNLEITYV	13	>EGFR-L62R- VRGNLEITYV	5648	5635
>EGFR-L62R- VLGNLEITYV	23	>EGFR-L62R- VRGNLEITYV	3432	3409
>EGFR-L62R- VLGNLEITYV	17	>EGFR-L62R- VRGNLEITYV	4903	4886
>EGFR-L62R- VLGNLEITYV	122	>EGFR-L62R- VRGNLEITYV	4170	4048
>EGFR-L62R- VLGNLEITYV	2	>EGFR-L62R- VRGNLEITYV	3163	3161
>EGFR-L62R- VLGNLEITYV	4	>EGFR-L62R- VRGNLEITYV	13877	13873
>EGFR-L62R- VLGNLEITYV	5	>EGFR-L62R- VRGNLEITYV	4859	4854
>EGFR-L62R- VLGNLEITYV	3	>EGFR-L62R- VRGNLEITYV	16986	16983
>EGFR-L62R- VLGNLEIT	426	>EGFR-L62R- VRGNLEIT	35850	35424
>EGFR-L62R- VLGNLEITYV	2	>EGFR-L62R- VRGNLEITYV	5767	5765
>EGFR-L62R- VLGNLEITYV	293	>EGFR-L62R- VRGNLEITYV	34953	34660
>EGFR-L62R- VLGNLEITY	376	>EGFR-L62R- VRGNLEITY	4530	4154
>EGFR-L62R- VLGNLEITY	184	>EGFR-L62R- VRGNLEITY	1375	1191
>EGFR-L62R- VLGNLEITY	41	>EGFR-L62R- VRGNLEITY	1963	1922
>EGFR-L62R- QRMFNCEV	160	>EGFR-L62R- QRMFNCEV	1253	1093
>EGFR-L62R- QRMFNCEV	234	>EGFR-L62R- QRMFNCEV	325	91
>EGFR-L62R- QRMFNCEV	43	>EGFR-L62R- QRMFNCEV	10396	10353
>EGFR-L62R- QRMFNCEV	165	>EGFR-L62R- QRMFNCEV	4380	4215
>EGFR-L62R- QRMFNCEV	46	>EGFR-L62R- QRMFNCEV	1765	1719
>EGFR-L62R- QRMFNCEV	29882	>EGFR-L62R- QRMFNCEV	225	29657
>EGFR-L62R- VVLGNLEITY\	46	>EGFR-L62R- VVRGNLEITY\	4271	4225
>EGFR-L62R- VVLGNLEITY\	110	>EGFR-L62R- VVRGNLEITY\	775	665
>EGFR-L62R- VVLGNLEITY\	85	>EGFR-L62R- VVRGNLEITY\	43	42
>EGFR-L62R- VVLGNLEI	68	>EGFR-L62R- VVRGNLEI	2398	2330
>EGFR-L62R- VVLGNLEITY\	6	>EGFR-L62R- VVRGNLEITY\	121	115
>EGFR-L62R- VVLGNLEI	60	>EGFR-L62R- VVRGNLEI	3151	3091
>EGFR-L62R- VVLGNLEITY\	4	>EGFR-L62R- VVRGNLEITY\	57	53
>EGFR-L62R- VVLGNLEITY\	20	>EGFR-L62R- VVRGNLEITY\	2110	2090
>EGFR-L62R- VVLGNLEITY\	13	>EGFR-L62R- VVRGNLEITY\	1052	1039
>EGFR-L62R- VVLGNLEI	332	>EGFR-L62R- VVRGNLEI	15557	15225
>EGFR-L62R- VVLGNLEITY\	5	>EGFR-L62R- VVRGNLEITY\	679	674
>EGFR-L62R- VVLGNLEI	167	>EGFR-L62R- VVRGNLEI	947	780
>EGFR-L62R- VVLGNLEITY\	4	>EGFR-L62R- VVRGNLEITY\	7	3
>EGFR-L62R- VVLGNLEITY	80	>EGFR-L62R- VVRGNLEITY	100	20
>EGFR-L62R- VVLGNLEI	5209	>EGFR-L62R- VVRGNLEI	108	5101
>EGFR-L62R- VVLGNLEITY\	8219	>EGFR-L62R- VVRGNLEITY\	352	7867
>EGFR-L62R- VVLGNLEI	454	>EGFR-L62R- VVRGNLEI	4810	4356
>EGFR-L62R- VVLGNLEITY\	317	>EGFR-L62R- VVRGNLEITY\	2061	1744
>EGFR-L62R- VVLGNLEITY\	142	>EGFR-L62R- VVRGNLEITY\	6345	6203

>EGFR-L62R- VVLGNLEITY	261	>EGFR-L62R- VVRGNLEITY	1342	1081
>EGFR-L62R- VVLGNLEITY	2208	>EGFR-L62R- VVRGNLEITY	389	1819
>EGFR-L62R- VVLGNLEITY	126	>EGFR-L62R- VVRGNLEITY	62	64
>EGFR-L62R- VVLGNLEITY	1053	>EGFR-L62R- VVRGNLEITY	362	691
>EGFR-L62R- EVVLGNLEITY	189	>EGFR-L62R- EVVRGNLEIT	285	96
>EGFR-L62R- EVVLGNLEITY	154	>EGFR-L62R- EVVRGNLEIT	47	107
>EGFR-L62R- EVVLGNLEI	1003	>EGFR-L62R- EVVRGNLEI	230	773
>EGFR-L62R- EVVLGNLEIT	482	>EGFR-L62R- EVVRGNLEIT	160	322
>EGFR-L62R- EVVLGNLEITY	7	>EGFR-L62R- EVVRGNLEIT	5	2
>EGFR-L62R- EVVLGNLEITY	27	>EGFR-L62R- EVVRGNLEIT	16	11
>EGFR-L62R- EVVLGNLEITY	328	>EGFR-L62R- EVVRGNLEIT	538	210
>EGFR-L62R- EVVLGNLEITY	242	>EGFR-L62R- EVVRGNLEIT	206	36
>EGFR-L62R- EVVLGNLEI	43	>EGFR-L62R- EVVRGNLEI	43	0
>EGFR-L62R- EVVLGNLEI	74	>EGFR-L62R- EVVRGNLEI	51	23
>EGFR-L62R- EVVLGNLEITY	33	>EGFR-L62R- EVVRGNLEIT	37	4
>EGFR-L62R- CEVVLGNLEI	276	>EGFR-L62R- CEVVRGNLEI	260	16
>EGFR-L62R- CEVVLGNL	89	>EGFR-L62R- CEVVRGNL	350	261
>EGFR-L62R- CEVVLGNL	398	>EGFR-L62R- CEVVRGNL	1007	609
>EGFR-L62R- CEVVLGNLEI	493	>EGFR-L62R- CEVVRGNLEI	936	443
>EGFR-L62R- CEVVLGNLEI	328	>EGFR-L62R- CEVVRGNLEI	1643	1315
>EGFR-L62R- FNNCEVVL	31793	>EGFR-L62R- FNNCEVVR	452	31341
>EGFR-L62R- MFNNCEVVL	473	>EGFR-L62R- MFNNCEVVR	7140	6667
>EGFR-L62R- MFNNCEVVL	277	>EGFR-L62R- MFNNCEVVR	9455	9178
>EGFR-L62R- MFNNCEVVL	3909	>EGFR-L62R- MFNNCEVVR	10	3899
>EGFR-L62R- MFNNCEVVL	13815	>EGFR-L62R- MFNNCEVVR	94	13721
>EGFR-L62R- MFNNCEVVL	24874	>EGFR-L62R- MFNNCEVVR	115	24759
>EGFR-L62R- MFNNCEVVL	16730	>EGFR-L62R- MFNNCEVVR	35	16695
>EGFR-L62R- RMFNNCEVV	59	>EGFR-L62R- RMFNNCEVV	4301	4242
>EGFR-L62R- RMFNNCEVV	36	>EGFR-L62R- RMFNNCEVV	6839	6803
>EGFR-L62R- RMFNNCEVV	182	>EGFR-L62R- RMFNNCEVV	9464	9282
>EGFR-L62R- RMFNNCEVV	7	>EGFR-L62R- RMFNNCEVV	4382	4375
>EGFR-L62R- RMFNNCEVV	342	>EGFR-L62R- RMFNNCEVV	227	115
>EGFR-L62R- RMFNNCEVV	11	>EGFR-L62R- RMFNNCEVV	14161	14150
>EGFR-L62R- RMFNNCEVV	28	>EGFR-L62R- RMFNNCEVV	16422	16394
>EGFR-L62R- RMFNNCEVV	117	>EGFR-L62R- RMFNNCEVV	23962	23845
>EGFR-L62R- RMFNNCEVV	17	>EGFR-L62R- RMFNNCEVV	12195	12178
>EGFR-L62R- RMFNNCEVV	5860	>EGFR-L62R- RMFNNCEVV	13	5847
>EGFR-L62R- RMFNNCEVV	12	>EGFR-L62R- RMFNNCEVV	284	272
>EGFR-L62R- RMFNNCEVV	331	>EGFR-L62R- RMFNNCEVV	293	38
>EGFR-L62R- RMFNNCEVV	63	>EGFR-L62R- RMFNNCEVV	3062	2999
>EGFR-L62R- RMFNNCEVV	592	>EGFR-L62R- RMFNNCEVV	443	149
>EGFR-L62R- RMFNNCEVV	6	>EGFR-L62R- RMFNNCEVV	27	21
>EGFR-L62R- RMFNNCEVV	218	>EGFR-L62R- RMFNNCEVV	16768	16550

>EGFR-L62R- RMFNNCEVV	91	>EGFR-L62R- RMFNNCEVV	8126	8035
>EGFR-L62R- RMFNNCEVV	23457	>EGFR-L62R- RMFNNCEVV	143	23314
>EGFR-L62R- RMFNNCEVV	7281	>EGFR-L62R- RMFNNCEVV	27	7254
>EGFR-L688F ELVEPLTPS	455	>EGFR-L688F EPVEPLTPS	4740	4285
>EGFR-L688F ELVEPLTPS	14824	>EGFR-L688F EPVEPLTPS	154	14670
>EGFR-L688F ELVEPLTPS	29000	>EGFR-L688F EPVEPLTPS	343	28657
>EGFR-L688F TLRRLQEREI	93	>EGFR-L688F TLRRLQEREI	21130	21037
>EGFR-L688F RELVEPLT	318	>EGFR-L688F REPVEPLT	4440	4122
>EGFR-L688F RELVEPLT	488	>EGFR-L688F REPVEPLT	10935	10447
>EGFR-L688F ERELVEPL	497	>EGFR-L688F EREPVEPL	284	213
>EGFR-L688F QERELVEPL	172	>EGFR-L688F QEREPVEPL	5429	5257
>EGFR-L688F QERELVEPL	34	>EGFR-L688F QEREPVEPL	257	223
>EGFR-L688F QERELVEPL	293	>EGFR-L688F QEREPVEPL	298	5
>EGFR-L688F QERELVEPL	26	>EGFR-L688F QEREPVEPL	131	105
>EGFR-L688F QERELVEPL	9	>EGFR-L688F QEREPVEPL	17	8
>EGFR-L688F LQERELVEPL	636	>EGFR-L688F LQEREPVEPL	373	263
>EGFR-L688F LLQERELV	53	>EGFR-L688F LLQEREPV	42	11
>EGFR-L688F LLQERELVEPI	40	>EGFR-L688F LLQEREPVEPI	39	1
>EGFR-L688F LLQERELV	33	>EGFR-L688F LLQEREPV	41	8
>EGFR-L688F LLQERELVEPI	30	>EGFR-L688F LLQEREPVEPI	40	10
>EGFR-L688F LLQERELV	46	>EGFR-L688F LLQEREPV	27	19
>EGFR-L688F LLQERELVEPI	78	>EGFR-L688F LLQEREPVEPI	96	18
>EGFR-L688F LLQERELV	153	>EGFR-L688F LLQEREPV	70	83
>EGFR-L688F LLQERELVEPI	154	>EGFR-L688F LLQEREPVEPI	156	2
>EGFR-L688F LLQERELV	7	>EGFR-L688F LLQEREPV	5	2
>EGFR-L688F LLQERELVEPI	9	>EGFR-L688F LLQEREPVEPI	7	2
>EGFR-L688F LLQERELV	21	>EGFR-L688F LLQEREPV	10	11
>EGFR-L688F LLQERELVEPI	10	>EGFR-L688F LLQEREPVEPI	10	0
>EGFR-L688F LLQERELV	25	>EGFR-L688F LLQEREPV	21	4
>EGFR-L688F LLQERELVEPI	66	>EGFR-L688F LLQEREPVEPI	49	17
>EGFR-L688F LLQERELV	59	>EGFR-L688F LLQEREPV	37	22
>EGFR-L688F LLQERELVEPI	115	>EGFR-L688F LLQEREPVEPI	79	36
>EGFR-L688F LLQERELV	2	>EGFR-L688F LLQEREPV	2	0
>EGFR-L688F LLQERELVEPI	4	>EGFR-L688F LLQEREPVEPI	4	0
>EGFR-L688F LLQERELVEPI	436	>EGFR-L688F LLQEREPVEPI	764	328
>EGFR-L688F LLQERELVEPI	394	>EGFR-L688F LLQEREPVEPI	523	129
>EGFR-L688F RLLQERELV	233	>EGFR-L688F RLLQEREPV	156	77
>EGFR-L688F RLLQERELV	112	>EGFR-L688F RLLQEREPV	123	11
>EGFR-L688F RLLQERELV	560	>EGFR-L688F RLLQEREPV	256	304
>EGFR-L688F RLLQERELV	141	>EGFR-L688F RLLQEREPV	51	90
>EGFR-L688F RLLQEREL	24	>EGFR-L688F RLLQEREP	10503	10479
>EGFR-L688F RLLQERELV	7	>EGFR-L688F RLLQEREPV	5	2
>EGFR-L688F RLLQEREL	452	>EGFR-L688F RLLQEREP	20851	20399



>EGFR-L688F RLLQERELV	189	>EGFR-L688F RLLQEREPV	53	136
>EGFR-L688F RLLQEREL	100	>EGFR-L688F RLLQEREP	17665	17565
>EGFR-L688F RLLQERELV	15	>EGFR-L688F RLLQEREPV	11	4
>EGFR-L688F RLLQERELV	102	>EGFR-L688F RLLQEREPV	72	30
>EGFR-L688F RLLQEREL	22	>EGFR-L688F RLLQEREP	18602	18580
>EGFR-L688F RLLQERELV	8	>EGFR-L688F RLLQEREPV	6	2
>EGFR-L688F RLLQEREL	430	>EGFR-L688F RLLQEREP	13466	13036
>EGFR-L688F RLLQERELV	2796	>EGFR-L688F RLLQEREPV	459	2337
>EGFR-L688F RRLQEREL	37	>EGFR-L688F RRLQEREP	939	902
>EGFR-L688F RRLQERELV	59	>EGFR-L688F RRLQEREPV	98	39
>EGFR-L688F RRLQEREL	39	>EGFR-L688F RRLQEREP	1311	1272
>EGFR-L688F RRLQERELV	91	>EGFR-L688F RRLQEREPV	181	90
>EGFR-L688F RRLQERELV	443	>EGFR-L688F RRLQEREPV	854	411
>EGFR-L688F RRLQEREL	26	>EGFR-L688F RRLQEREP	4442	4416
>EGFR-L688F RRLQERELV	138	>EGFR-L688F RRLQEREPV	293	155
>EGFR-L688F LRRLLQEREL	61	>EGFR-L688F LRRLLQEREP	8641	8580
>EGFR-L688F LRRLLQEREL	346	>EGFR-L688F LRRLLQEREP	10780	10434
>EGFR-L688F LRRLLQEREL	154	>EGFR-L688F LRRLLQEREP	11173	11019
>EGFR-L692F LTPSGEAP	456	>EGFR-L692F PTPSGEAP	6876	6420
>EGFR-L692F LTPSGEAPNC	326	>EGFR-L692F PTPSGEAPNC	3789	3463
>EGFR-L692F LTPSGEAPNC	333	>EGFR-L692F PTPSGEAPNC	4997	4664
>EGFR-L692F PLTPSGEA	247	>EGFR-L692F PPTPSGEA	36099	35852
>EGFR-L692F LLQERELVEPI	40	>EGFR-L692F LLQERELVEPI	15490	15450
>EGFR-L692F LLQERELVEPI	30	>EGFR-L692F LLQERELVEPI	2652	2622
>EGFR-L692F LLQERELVEPI	78	>EGFR-L692F LLQERELVEPI	8702	8624
>EGFR-L692F LLQERELVEPI	154	>EGFR-L692F LLQERELVEPI	10616	10462
>EGFR-L692F LLQERELVEPI	9	>EGFR-L692F LLQERELVEPI	3941	3932
>EGFR-L692F LLQERELVEPI	10	>EGFR-L692F LLQERELVEPI	8518	8508
>EGFR-L692F LLQERELVEPI	66	>EGFR-L692F LLQERELVEPI	15243	15177
>EGFR-L692F LLQERELVEPI	115	>EGFR-L692F LLQERELVEPI	21226	21111
>EGFR-L692F LLQERELVEPI	4	>EGFR-L692F LLQERELVEPI	6900	6896
>EGFR-L692F LLQERELVEPI	436	>EGFR-L692F LLQERELVEPI	12727	12291
>EGFR-L692F LLQERELVEPI	394	>EGFR-L692F LLQERELVEPI	6257	5863
>EGFR-L692F EPLTPSGEA	294	>EGFR-L692F EPPTPSGEA	4520	4226
>EGFR-L692F EPLTPSGEA	192	>EGFR-L692F EPPTPSGEA	944	752
>EGFR-L692F ELVEPLTPS	455	>EGFR-L692F ELVEPPTPS	669	214
>EGFR-L692F RELVEPLT	318	>EGFR-L692F RELVEPPT	90	228
>EGFR-L692F RELVEPLT	488	>EGFR-L692F RELVEPPT	154	334
>EGFR-L692F RELVEPLTPSC	502	>EGFR-L692F RELVEPPTPSK	481	21
>EGFR-L692F ERELVEPL	497	>EGFR-L692F ERELVEPP	24011	23514
>EGFR-L692F QERELVEPL	172	>EGFR-L692F QERELVEPP	17136	16964
>EGFR-L692F QERELVEPL	34	>EGFR-L692F QERELVEPP	2117	2083
>EGFR-L692F QERELVEPL	293	>EGFR-L692F QERELVEPP	10071	9778

>EGFR-L692F QERELVEPL	26	>EGFR-L692F QERELVEPP	1226	1200
>EGFR-L692F QERELVEPL	9	>EGFR-L692F QERELVEPP	585	576
>EGFR-L703F LLRILKET	2639	>EGFR-L703F FLRILKET	370	2269
>EGFR-L703F LLRILKET	724	>EGFR-L703F FLRILKET	92	632
>EGFR-L703F LLRILKETEFK	286	>EGFR-L703F FLRILKETEFK	797	511
>EGFR-L703F LLRILKETEFK	60	>EGFR-L703F FLRILKETEFK	973	913
>EGFR-L703F LLRILKETEFK	2022	>EGFR-L703F FLRILKETEFK	476	1546
>EGFR-L703F LLRILKETEFL	167	>EGFR-L703F FLRILKETEFL	202	35
>EGFR-L703F LLRILKETEFL	3230	>EGFR-L703F FLRILKETEFL	448	2782
>EGFR-L703F LLRILKETEFL	119	>EGFR-L703F FLRILKETEFL	60	59
>EGFR-L703F LLRILKETEFL	422	>EGFR-L703F FLRILKETEFL	506	84
>EGFR-L703F ALLRILKET	151	>EGFR-L703F AFLRILKET	21541	21390
>EGFR-L703F ALLRILKET	90	>EGFR-L703F AFLRILKET	28370	28280
>EGFR-L703F ALLRILKETEFL	3760	>EGFR-L703F AFLRILKETEFL	187	3573
>EGFR-L703F ALLRILKETEFL	1187	>EGFR-L703F AFLRILKETEFL	11	1176
>EGFR-L703F ALLRILKETEFL	153	>EGFR-L703F AFLRILKETEFL	2733	2580
>EGFR-L703F ALLRILKETEFL	58	>EGFR-L703F AFLRILKETEFL	864	806
>EGFR-L703F TPSGEAPNQ/	99	>EGFR-L703F TPSGEAPNQ/	326	227
>EGFR-L703F TPSGEAPNQ/	144	>EGFR-L703F TPSGEAPNQ/	21	123
>EGFR-L703F TPSGEAPNQ/	28	>EGFR-L703F TPSGEAPNQ/	931	903
>EGFR-L703F TPSGEAPNQ/	1039	>EGFR-L703F TPSGEAPNQ/	243	796
>EGFR-L703F TPSGEAPNQ/	2573	>EGFR-L703F TPSGEAPNQ/	247	2326
>EGFR-L703F TPSGEAPNQ/	3840	>EGFR-L703F TPSGEAPNQ/	301	3539
>EGFR-L703F QALLRILK	715	>EGFR-L703F QAFLRILK	130	585
>EGFR-L703F QALLRILK	62	>EGFR-L703F QAFLRILK	23	39
>EGFR-L703F QALLRILK	145	>EGFR-L703F QAFLRILK	73	72
>EGFR-L703F QALLRILK	636	>EGFR-L703F QAFLRILK	27	609
>EGFR-L703F QALLRILK	771	>EGFR-L703F QAFLRILK	314	457
>EGFR-L703F NQALLRILK	117	>EGFR-L703F NQAFLRILK	63	54
>EGFR-L703F NQALLRILK	611	>EGFR-L703F NQAFLRILK	139	472
>EGFR-L703F NQALLRIL	152	>EGFR-L703F NQAFLRIL	225	73
>EGFR-L703F APNQALLRI	22	>EGFR-L703F APNQAFLRI	9	13
>EGFR-L703F APNQALLRIL	329	>EGFR-L703F APNQAFLRIL	263	66
>EGFR-L703F APNQALLRI	145	>EGFR-L703F APNQAFLRI	113	32
>EGFR-L703F APNQALLRIL	109	>EGFR-L703F APNQAFLRIL	100	9
>EGFR-L703F APNQALLRI	386	>EGFR-L703F APNQAFLRI	117	269
>EGFR-L703F APNQALLRIL	293	>EGFR-L703F APNQAFLRIL	283	10
>EGFR-L703F EAPNQALLR	2831	>EGFR-L703F EAPNQAFLR	290	2541
>EGFR-L703F EAPNQALLR	26	>EGFR-L703F EAPNQAFLR	7	19
>EGFR-L703F EAPNQALL	173	>EGFR-L703F EAPNQAFL	49	124
>EGFR-L703F EAPNQALLRI	931	>EGFR-L703F EAPNQAFLRI	300	631
>EGFR-L703F EAPNQALLRII	136	>EGFR-L703F EAPNQAFLRII	75	61
>EGFR-L703F GEAPNQALL	250	>EGFR-L703F GEAPNQAFL	56	194

>EGFR-L703F GEAPNQALLF	42	>EGFR-L703F GEAPNQAF	174	3429
>EGFR-L703F GEAPNQAL	3603	>EGFR-L703F GEAPNQAF	180	158
>EGFR-L703F GEAPNQAL	22	>EGFR-L703F GEAPNQAF	52	2
>EGFR-L703F GEAPNQALL	54	>EGFR-L703F GEAPNQAF	139	88
>EGFR-L703F GEAPNQALLF	227	>EGFR-L703F GEAPNQAF	534	347
>EGFR-L703F GEAPNQAL	187	>EGFR-L703F GEAPNQAF	195	536
>EGFR-L703F GEAPNQAL	731	>EGFR-L703F GEAPNQAF	214	1393
>EGFR-L703F GEAPNQAL	1607	>EGFR-L703F GEAPNQAF	131	85
>EGFR-L703F GEAPNQALL	46	>EGFR-L703F GEAPNQAF	10	3
>EGFR-L703F GEAPNQALLF	7	>EGFR-L703F GEAPNQAF	131	3146
>EGFR-L703F SGEAPNQAL	3277	>EGFR-L703F PLRILKETEFK	4248	3962
>EGFR-L703F LLRILKETEFK	286	>EGFR-L703F PLRILKETEF	8449	8282
>EGFR-L703F LLRILKETEFK	60	>EGFR-L703F PLRILKETEF	1820	1701
>EGFR-L703F LLRILKETEF	167	>EGFR-L703F PLRILKETEF	12642	12220
>EGFR-L703F LLRILKETEF	119	>EGFR-L703F APLRILKETEF	80	32169
>EGFR-L703F LLRILKETEF	422	>EGFR-L703F APLRILKET	28200	28049
>EGFR-L703F ALLRILKETEF	32249	>EGFR-L703F APLRILKET	36193	36103
>EGFR-L703F ALLRILKET	151	>EGFR-L703F APLRILKETEF	15205	15052
>EGFR-L703F ALLRILKET	90	>EGFR-L703F APLRILKETEF	419	22848
>EGFR-L703F ALLRILKETEF	153	>EGFR-L703F APLRILKETEF	409	351
>EGFR-L703F ALLRILKETEF	23267	>EGFR-L703F APLRILKETEF	294	10624
>EGFR-L703F ALLRILKETEF	58	>EGFR-L703F APLRILKETEF	120	5897
>EGFR-L703F ALLRILKETEF	10918	>EGFR-L703F APLRILKETEF	73	16950
>EGFR-L703F ALLRILKETEF	6017	>EGFR-L703F TPSGEAPNQ/	18928	18829
>EGFR-L703F ALLRILKETEF	17023	>EGFR-L703F TPSGEAPNQ/	3631	3487
>EGFR-L703F TPSGEAPNQ/	99	>EGFR-L703F TPSGEAPNQ/	11186	11158
>EGFR-L703F TPSGEAPNQ/	144	>EGFR-L703F QAPLRILK	689	627
>EGFR-L703F TPSGEAPNQ/	28	>EGFR-L703F QAPLRILK	3371	3226
>EGFR-L703F QALLRILK	62	>EGFR-L703F NQAPLRILK	92	25
>EGFR-L703F QALLRILK	145	>EGFR-L703F NQAPLRILK	370	241
>EGFR-L703F NQALLRILK	117	>EGFR-L703F NQAPLRIL	102	50
>EGFR-L703F NQALLRILK	611	>EGFR-L703F APNQAPLRIL	21	1
>EGFR-L703F NQALLRIL	152	>EGFR-L703F APNQAPLRIL	389	60
>EGFR-L703F APNQALLRI	22	>EGFR-L703F APNQAPLRIL	319	174
>EGFR-L703F APNQALLRIL	329	>EGFR-L703F APNQAPLRIL	95	14
>EGFR-L703F APNQALLRI	145	>EGFR-L703F APNQAPLRIL	168	218
>EGFR-L703F APNQALLRIL	109	>EGFR-L703F APNQAPLRIL	1886	1593
>EGFR-L703F APNQALLRI	386	>EGFR-L703F EAPNQAPLR	20	6
>EGFR-L703F APNQALLRIL	293	>EGFR-L703F EAPNQAPL	81	92
>EGFR-L703F EAPNQALLR	26	>EGFR-L703F EAPNQAPLRIL	98	38
>EGFR-L703F EAPNQALL	173	>EGFR-L703F GEAPNQAPL	979	729
>EGFR-L703F EAPNQALLRII	136			
>EGFR-L703F GEAPNQALL	250			

>EGFR-L703F GEAPNQALLF	42	>EGFR-L703F GEAPNQAPLI	131	89
>EGFR-L703F GEAPNQAL	22	>EGFR-L703F GEAPNQAP	3146	3124
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>EGFR-L703F GEAPNQALLF	227	>EGFR-L703F GEAPNQAPLI	299	72
>EGFR-L703F GEAPNQAL	187	>EGFR-L703F GEAPNQAP	7955	7768
>EGFR-L703F GEAPNQALL	1140	>EGFR-L703F GEAPNQAPL	179	961
>EGFR-L703F GEAPNQALL	46	>EGFR-L703F GEAPNQAPL	60	14
>EGFR-L703F GEAPNQALLF	7	>EGFR-L703F GEAPNQAPLI	11	4
>EGFR-L703V LLRILKETEFK	286	>EGFR-L703V VLRILKETEFK	190	96
>EGFR-L703V LLRILKETEFK	60	>EGFR-L703V VLRILKETEFK	161	101
>EGFR-L703V LLRILKETE	167	>EGFR-L703V VLRILKETE	516	349
>EGFR-L703V LLRILKETE	119	>EGFR-L703V VLRILKETE	210	91
>EGFR-L703V LLRILKETE	422	>EGFR-L703V VLRILKETE	356	66
>EGFR-L703V ALLRILKET	151	>EGFR-L703V AVLRLILKET	8682	8531
>EGFR-L703V ALLRILKET	90	>EGFR-L703V AVLRLILKET	11066	10976
>EGFR-L703V ALLRILKETE	6421	>EGFR-L703V AVLRLILKETE	406	6015
>EGFR-L703V ALLRILKETE	153	>EGFR-L703V AVLRLILKETE	171	18
>EGFR-L703V ALLRILKETE	58	>EGFR-L703V AVLRLILKETE	348	290
>EGFR-L703V ALLRILKETE	2778	>EGFR-L703V AVLRLILKETE	416	2362
>EGFR-L703V ALLRILKETE	1979	>EGFR-L703V AVLRLILKETE	374	1605
>EGFR-L703V TPSGEAPNQ/	99	>EGFR-L703V TPSGEAPNQ/	431	332
>EGFR-L703V TPSGEAPNQ/	144	>EGFR-L703V TPSGEAPNQ/	995	851
>EGFR-L703V TPSGEAPNQ/	28	>EGFR-L703V TPSGEAPNQ/	470	442
>EGFR-L703V QALLRILK	62	>EGFR-L703V QAVLRILK	154	92
>EGFR-L703V QALLRILK	145	>EGFR-L703V QAVLRILK	1013	868
>EGFR-L703V QALLRILK	636	>EGFR-L703V QAVLRILK	155	481
>EGFR-L703V NQALLRILK	117	>EGFR-L703V NQAVLRILK	133	16
>EGFR-L703V NQALLRILK	611	>EGFR-L703V NQAVLRILK	467	144
>EGFR-L703V NQALLRIL	152	>EGFR-L703V NQAVLRIL	107	45
>EGFR-L703V APNQALLRI	22	>EGFR-L703V APNQAVLRI	14	8
>EGFR-L703V APNQALLRIL	329	>EGFR-L703V APNQAVLRIL	236	93
>EGFR-L703V APNQALLRI	145	>EGFR-L703V APNQAVLRI	197	52
>EGFR-L703V APNQALLRIL	109	>EGFR-L703V APNQAVLRIL	77	32
>EGFR-L703V APNQALLRI	386	>EGFR-L703V APNQAVLRI	204	182
>EGFR-L703V APNQALLRIL	293	>EGFR-L703V APNQAVLRIL	159	134
>EGFR-L703V EAPNQALLR	26	>EGFR-L703V EAPNQAVLR	11	15
>EGFR-L703V EAPNQALL	173	>EGFR-L703V EAPNQAVL	312	139
>EGFR-L703V EAPNQALLRI	136	>EGFR-L703V EAPNQAVLRI	147	11
>EGFR-L703V GEAPNQALL	250	>EGFR-L703V GEAPNQAVL	1393	1143
>EGFR-L703V GEAPNQALLF	42	>EGFR-L703V GEAPNQAVLI	53	11
>EGFR-L703V GEAPNQAL	22	>EGFR-L703V GEAPNQAV	137	115
>EGFR-L703V GEAPNQALL	54	>EGFR-L703V GEAPNQAVL	40	14
>EGFR-L703V GEAPNQALLF	227	>EGFR-L703V GEAPNQAVLI	250	23

>EGFR-L703\GEAPNQAL	187	>EGFR-L703\GEAPNQAV	563	376
>EGFR-L703\GEAPNQALL	1140	>EGFR-L703\GEAPNQAVL	433	707
>EGFR-L703\GEAPNQAL	1025	>EGFR-L703\GEAPNQAV	97	928
>EGFR-L703\GEAPNQAL	1004	>EGFR-L703\GEAPNQAV	472	532
>EGFR-L703\GEAPNQALL	46	>EGFR-L703\GEAPNQAVL	127	81
>EGFR-L703\GEAPNQALLF	7	>EGFR-L703\GEAPNQAVLI	8	1
>EGFR-L718F LGSGAFGTV	125	>EGFR-L718F PGSGAFGTV	316	191
>EGFR-L718F LGSGAFGTV	478	>EGFR-L718F PGSGAFGTV	2175	1697
>EGFR-L718F LGSGAFGTV	93	>EGFR-L718F PGSGAFGTV	3814	3721
>EGFR-L718F LGSGAFGTV	94	>EGFR-L718F PGSGAFGTV	3137	3043
>EGFR-L718F VLGSAGFGTV	21958	>EGFR-L718F VPGSGAFGT	40	21918
>EGFR-L718F VLGSAGFGTV	73	>EGFR-L718F VPGSGAFGT	21255	21182
>EGFR-L718F VLGSAGFGTV	41	>EGFR-L718F VPGSGAFGT	15874	15833
>EGFR-L718F VLGSAGFGTV	21	>EGFR-L718F VPGSGAFGT	10943	10922
>EGFR-L718F VLGSAGFGT	68	>EGFR-L718F VPGSGAFGT	25961	25893
>EGFR-L718F VLGSAGFGTV	3	>EGFR-L718F VPGSGAFGT	9045	9042
>EGFR-L718F VLGSAGFGTV	7	>EGFR-L718F VPGSGAFGT	17424	17417
>EGFR-L718F VLGSAGFGT	103	>EGFR-L718F VPGSGAFGT	22203	22100
>EGFR-L718F VLGSAGFGTV	7	>EGFR-L718F VPGSGAFGT	12249	12242
>EGFR-L718F VLGSAGFGT	75	>EGFR-L718F VPGSGAFGT	19526	19451
>EGFR-L718F VLGSAGFGTV	5	>EGFR-L718F VPGSGAFGT	17045	17040
>EGFR-L718F VLGSAGFGT	14	>EGFR-L718F VPGSGAFGT	34165	34151
>EGFR-L718F VLGSAGFGTV	2	>EGFR-L718F VPGSGAFGT	13268	13266
>EGFR-L718F VLGSAGFGTV	64	>EGFR-L718F VPGSGAFGT	1247	1183
>EGFR-L718F VLGSAGFGTV	54	>EGFR-L718F VPGSGAFGT	700	646
>EGFR-L718F VLGSAGFGTV	26	>EGFR-L718F VPGSGAFGT	1442	1416
>EGFR-L718F VLGSAGFGTV	73	>EGFR-L718F VPGSGAFGT	5226	5153
>EGFR-L718F VLGSAGFGTV	87	>EGFR-L718F VPGSGAFGT	949	862
>EGFR-L718F VLGSAGFGTV	421	>EGFR-L718F VPGSGAFGT	2151	1730
>EGFR-L718F VLGSAGFGTV	3137	>EGFR-L718F VPGSGAFGT	30	3107
>EGFR-L718F VLGSAGFGTV	29506	>EGFR-L718F VPGSGAFGT	354	29152
>EGFR-L718F VLGSAGFGTV	227	>EGFR-L718F VPGSGAFGT	269	42
>EGFR-L718F KETEFKKIKVL	128	>EGFR-L718F KETEFKKIKVP	8742	8614
>EGFR-L718F KETEFKKIKVL	51	>EGFR-L718F KETEFKKIKVP	10398	10347
>EGFR-L718F KETEFKKIKVL	75	>EGFR-L718F KETEFKKIKVP	3448	3373
>EGFR-L718F KETEFKKIKVL	105	>EGFR-L718F KETEFKKIKVP	6003	5898
>EGFR-L718F KVLGSGAFGT	294	>EGFR-L718F KVPGSGAFGT	2806	2512
>EGFR-L718F KVLGSGAFGT	123	>EGFR-L718F KVPGSGAFGT	76	47
>EGFR-L718F KVLGSGAFGT	9	>EGFR-L718F KVPGSGAFGT	30	21
>EGFR-L718F KVLGSGAFGT	12	>EGFR-L718F KVPGSGAFGT	89	77
>EGFR-L718F KVLGSGAFGT	78	>EGFR-L718F KVPGSGAFGT	1944	1866
>EGFR-L718F KVLGSGAFGT	28	>EGFR-L718F KVPGSGAFGT	274	246
>EGFR-L718F KVLGSGAFGT	176	>EGFR-L718F KVPGSGAFGT	4732	4556

>EGFR-L718F KVLGSGAFGT	15	>EGFR-L718F KVPGSGAFG	36	21
>EGFR-L718F KVLGSGAFG	103	>EGFR-L718F KVPGSGAFG	2445	2342
>EGFR-L718F KVLGSGAFGT	76	>EGFR-L718F KVPGSGAFG	1818	1742
>EGFR-L718F KVLGSGAF	32	>EGFR-L718F KVPGSGAF	132	100
>EGFR-L718F KVLGSGAFGT	324	>EGFR-L718F KVPGSGAFG	6339	6015
>EGFR-L718F KVLGSGAF	172	>EGFR-L718F KVPGSGAF	363	191
>EGFR-L718F KVLGSGAF	345	>EGFR-L718F KVPGSGAF	1157	812
>EGFR-L718F KVLGSGAF	165	>EGFR-L718F KVPGSGAF	1682	1517
>EGFR-L718F KVLGSGAF	16	>EGFR-L718F KVPGSGAF	1286	1270
>EGFR-L718F KVLGSGAF	476	>EGFR-L718F KVPGSGAF	12828	12352
>EGFR-L718F KVLGSGAF	32414	>EGFR-L718F KVPGSGAF	402	32012
>EGFR-L718F KVLGSGAFGT	16659	>EGFR-L718F KVPGSGAFG	135	16524
>EGFR-L718F IKVLGSGAF	9	>EGFR-L718F IKVPGSGAF	5	4
>EGFR-L718F KIKVLGSGA	405	>EGFR-L718F KIKVPGSGA	1360	955
>EGFR-L718F KIKVLGSG	289	>EGFR-L718F KIKVPGSG	312	23
>EGFR-L718F KIKVLGSGA	72	>EGFR-L718F KIKVPGSGA	90	18
>EGFR-L718F KIKVLGSGAF	50	>EGFR-L718F KIKVPGSGAF	57	7
>EGFR-L718F KIKVLGSGAF	63	>EGFR-L718F KIKVPGSGAF	62	1
>EGFR-L718F KIKVLGSGAF	672	>EGFR-L718F KIKVPGSGAF	157	515
>EGFR-L718F KIKVLGSGAF	245	>EGFR-L718F KIKVPGSGAF	113	132
>EGFR-L718F KIKVLGSGAF	523	>EGFR-L718F KIKVPGSGAF	204	319
>EGFR-L718F KKIKVLGSGA	700	>EGFR-L718F KKIKVPGSGA	348	352
>EGFR-L718F KKIKVLGSGA	7	>EGFR-L718F KKIKVPGSGA	5	2
>EGFR-L718F TEFKKIKVL	51	>EGFR-L718F TEFKKIKVP	5338	5287
>EGFR-L718F TEFKKIKVL	462	>EGFR-L718F TEFKKIKVP	10635	10173
>EGFR-L718F TEFKKIKVL	284	>EGFR-L718F TEFKKIKVP	16499	16215
>EGFR-L718F TEFKKIKVL	68	>EGFR-L718F TEFKKIKVP	2411	2343
>EGFR-L718F TEFKKIKVL	460	>EGFR-L718F TEFKKIKVP	6626	6166
>EGFR-L718F TEFKKIKVL	85	>EGFR-L718F TEFKKIKVP	7704	7619
>EGFR-L730F LWIPEGEKV	1600	>EGFR-L730F FWIPEGEKV	228	1372
>EGFR-L730F LWIPEGEKV	1563	>EGFR-L730F FWIPEGEKV	203	1360
>EGFR-L730F LWIPEGEKVK	158	>EGFR-L730F FWIPEGEKVK	78	80
>EGFR-L730F LWIPEGEKV	1231	>EGFR-L730F FWIPEGEKV	482	749
>EGFR-L730F LWIPEGEKVK	37	>EGFR-L730F FWIPEGEKVK	18	19
>EGFR-L730F LWIPEGEKV	270	>EGFR-L730F FWIPEGEKV	412	142
>EGFR-L730F LWIPEGEKVK	270	>EGFR-L730F FWIPEGEKVK	412	142
>EGFR-L730F GLWIPEGEKV	251	>EGFR-L730F GFWIPEGEKV	11525	11274
>EGFR-L730F GLWIPEGEKV	329	>EGFR-L730F GFWIPEGEKV	16638	16309
>EGFR-L730F GLWIPEGEKV	3	>EGFR-L730F GFWIPEGEKV	801	798
>EGFR-L730F GLWIPEGEKV	28	>EGFR-L730F GFWIPEGEKV	12908	12880
>EGFR-L730F GLWIPEGEKV	6	>EGFR-L730F GFWIPEGEKV	886	880
>EGFR-L730F GLWIPEGEKV	87	>EGFR-L730F GFWIPEGEKV	19753	19666
>EGFR-L730F GLWIPEGEKV	7	>EGFR-L730F GFWIPEGEKV	2772	2765

>EGFR-L730F GLWIPEGEK	421	>EGFR-L730F GFWIPEGEK	11785	11364
>EGFR-L730F KGLWIPEGEK	229	>EGFR-L730F KGFWIPEGEK	146	83
>EGFR-L730F KGLWIPEGEK	499	>EGFR-L730F KGFWIPEGEK	518	19
>EGFR-L730F TVYKGLWI	1110	>EGFR-L730F TVYKGFWI	444	666
>EGFR-L730F TVYKGLWI	153	>EGFR-L730F TVYKGFWI	206	53
>EGFR-L730F TVYKGLWI	168	>EGFR-L730F TVYKGFWI	41	127
>EGFR-L730F TVYKGLWI	444	>EGFR-L730F TVYKGFWI	216	228
>EGFR-L730F TVYKGLWI	994	>EGFR-L730F TVYKGFWI	409	585
>EGFR-L730F TVYKGLWI	463	>EGFR-L730F TVYKGFWI	51	412
>EGFR-L730F TVYKGLWI	191	>EGFR-L730F TVYKGFWI	50	141
>EGFR-L730F TVYKGLWI	265	>EGFR-L730F TVYKGFWI	208	57
>EGFR-L730F GTVYKGLW	14	>EGFR-L730F GTVYKGFW	20	6
>EGFR-L730F GTVYKGLWI	24	>EGFR-L730F GTVYKGFWI	31	7
>EGFR-L730F GTVYKGLW	199	>EGFR-L730F GTVYKGFW	157	42
>EGFR-L730F GTVYKGLW	230	>EGFR-L730F GTVYKGFW	280	50
>EGFR-L730F GTVYKGLWI	118	>EGFR-L730F GTVYKGFWI	122	4
>EGFR-L730F GTVYKGLWI	166	>EGFR-L730F GTVYKGFWI	111	55
>EGFR-L730F FGTVYKGL	354	>EGFR-L730F FGTVYKGF	13680	13326
>EGFR-L730F FGTVYKGLW	393	>EGFR-L730F FGTVYKGFW	504	111
>EGFR-L730F FGTVYKGLW	29	>EGFR-L730F FGTVYKGFW	35	6
>EGFR-L730F AFGTVYKGL	152	>EGFR-L730F AFGTVYKGF	17	135
>EGFR-L730F AFGTVYKGLV	591	>EGFR-L730F AFGTVYKGFV	301	290
>EGFR-L730F AFGTVYKGLV	249	>EGFR-L730F AFGTVYKGFV	126	123
>EGFR-L730F GAFGTVYKGL	372	>EGFR-L730F GAFGTVYKGF	10311	9939
>EGFR-L730F GAFGTVYKGL	3132	>EGFR-L730F GAFGTVYKGF	124	3008
>EGFR-L730F GAFGTVYKGL	158	>EGFR-L730F GAFGTVYKGF	25	133
>EGFR-L730F GAFGTVYKGL	38	>EGFR-L730F GAFGTVYKGF	50	12
>EGFR-L730F GAFGTVYKGL	456	>EGFR-L730F GAFGTVYKGF	727	271
>EGFR-L730F GAFGTVYKGL	46	>EGFR-L730F GAFGTVYKGF	46	0
>EGFR-L730F GAFGTVYKGL	34	>EGFR-L730F GAFGTVYKGF	45	11
>EGFR-L730F GAFGTVYKGL	279	>EGFR-L730F GAFGTVYKGF	509	230
>EGFR-L730F GAFGTVYKGL	33	>EGFR-L730F GAFGTVYKGF	38	5
>EGFR-L747F ELREATSPKA	122	>EGFR-L747F EPREATSPKA	35810	35688
>EGFR-L747F ELREATSPK	226	>EGFR-L747F EPREATSPK	17989	17763
>EGFR-L747F ELREATSPK	86	>EGFR-L747F EPREATSPK	9638	9552
>EGFR-L747F ELREATSPK	139	>EGFR-L747F EPREATSPK	1168	1029
>EGFR-L747F ELREATSPK	18246	>EGFR-L747F EPREATSPK	425	17821
>EGFR-L747F KVKIPVAIKEL	29	>EGFR-L747F KVKIPVAIKEP	409	380
>EGFR-L747F KVKIPVAIKEL	148	>EGFR-L747F KVKIPVAIKEP	19294	19146
>EGFR-L747F KELREATSPK/	449	>EGFR-L747F KEPREATSPK/	4038	3589
>EGFR-L747F KELREATSPK/	71	>EGFR-L747F KEPREATSPK/	3277	3206
>EGFR-L747F KELREATSPK/	319	>EGFR-L747F KEPREATSPK/	2382	2063
>EGFR-L747F AIKELREA	369	>EGFR-L747F AIKEPREA	1183	814

>EGFR-L747F AIKELREA	496	>EGFR-L747F AIKEPREA	546	50
>EGFR-L747F PVAIKELR	386	>EGFR-L747F PVAIKEPR	833	447
>EGFR-L747F IPVAIKEL	25	>EGFR-L747F IPVAIKEP	35714	35689
>EGFR-L747F IPVAIKELR	150	>EGFR-L747F IPVAIKEPR	505	355
>EGFR-L747F IPVAIKEL	151	>EGFR-L747F IPVAIKEP	24797	24646
>EGFR-L747F IPVAIKEL	406	>EGFR-L747F IPVAIKEP	11549	11143
>EGFR-L747F IPVAIKEL	340	>EGFR-L747F IPVAIKEP	11707	11367
>EGFR-L747F IPVAIKELREA	30	>EGFR-L747F IPVAIKEPREA	43	13
>EGFR-L747F IPVAIKEL	248	>EGFR-L747F IPVAIKEP	15014	14766
>EGFR-L747F IPVAIKEL	498	>EGFR-L747F IPVAIKEP	21661	21163
>EGFR-L747F IPVAIKELR	547	>EGFR-L747F IPVAIKEPR	178	369
>EGFR-L747F KIPVAIKELR	78	>EGFR-L747F KIPVAIKEPR	69	9
>EGFR-L747F KIPVAIKELR	68	>EGFR-L747F KIPVAIKEPR	118	50
>EGFR-L747F KIPVAIKEL	331	>EGFR-L747F KIPVAIKEP	18063	17732
>EGFR-L747F KIPVAIKELR	66	>EGFR-L747F KIPVAIKEPR	37	29
>EGFR-L747F VKIPVAIKEL	87	>EGFR-L747F VKIPVAIKEP	2957	2870
>EGFR-L747S ELREATSPKA	122	>EGFR-L747S ESREATSPKA	33280	33158
>EGFR-L747S ELREATSPK	226	>EGFR-L747S ESREATSPK	1876	1650
>EGFR-L747S ELREATSPK	924	>EGFR-L747S ESREATSPK	459	465
>EGFR-L747S ELREATSPK	86	>EGFR-L747S ESREATSPK	16	70
>EGFR-L747S ELREATSPKA	2381	>EGFR-L747S ESREATSPKA	410	1971
>EGFR-L747S ELREATSPK	139	>EGFR-L747S ESREATSPK	31	108
>EGFR-L747S KVKIPVAIKEL	29	>EGFR-L747S KVKIPVAIKES	117	88
>EGFR-L747S KVKIPVAIKEL	148	>EGFR-L747S KVKIPVAIKES	13709	13561
>EGFR-L747S KELREATSPK/	449	>EGFR-L747S KESREATSPK/	1094	645
>EGFR-L747S KELREATSPK/	71	>EGFR-L747S KESREATSPK/	72	1
>EGFR-L747S KELREATSPK/	319	>EGFR-L747S KESREATSPK/	1251	932
>EGFR-L747S AIKELREA	369	>EGFR-L747S AIKESREA	589	220
>EGFR-L747S AIKELREA	496	>EGFR-L747S AIKESREA	160	336
>EGFR-L747S PVAIKELR	386	>EGFR-L747S PVAIKESR	707	321
>EGFR-L747S IPVAIKEL	25	>EGFR-L747S IPVAIKES	26394	26369
>EGFR-L747S IPVAIKELR	150	>EGFR-L747S IPVAIKESR	411	261
>EGFR-L747S IPVAIKEL	151	>EGFR-L747S IPVAIKES	20316	20165
>EGFR-L747S IPVAIKEL	406	>EGFR-L747S IPVAIKES	3112	2706
>EGFR-L747S IPVAIKEL	340	>EGFR-L747S IPVAIKES	14238	13898
>EGFR-L747S IPVAIKELREA	30	>EGFR-L747S IPVAIKESREA	47	17
>EGFR-L747S IPVAIKEL	248	>EGFR-L747S IPVAIKES	4720	4472
>EGFR-L747S IPVAIKEL	498	>EGFR-L747S IPVAIKES	15156	14658
>EGFR-L747S KIPVAIKELR	78	>EGFR-L747S KIPVAIKESR	122	44
>EGFR-L747S KIPVAIKELR	68	>EGFR-L747S KIPVAIKESR	292	224
>EGFR-L747S KIPVAIKEL	331	>EGFR-L747S KIPVAIKES	13745	13414
>EGFR-L747S KIPVAIKELR	66	>EGFR-L747S KIPVAIKESR	82	16
>EGFR-L747S VKIPVAIKEL	87	>EGFR-L747S VKIPVAIKES	3541	3454



>EGFR-L777C LLGICLTSTV	63	>EGFR-L777C QLGICLTSTV	132	69
>EGFR-L777C LLGICLTST	415	>EGFR-L777C QLGICLTST	1135	720
>EGFR-L777C LLGICLTSTV	17	>EGFR-L777C QLGICLTSTV	28	11
>EGFR-L777C LLGICLTST	295	>EGFR-L777C QLGICLTST	1071	776
>EGFR-L777C LLGICLTSTV	14	>EGFR-L777C QLGICLTSTV	21	7
>EGFR-L777C LLGICLTSTV	98	>EGFR-L777C QLGICLTSTV	267	169
>EGFR-L777C LLGICLTSTV	4	>EGFR-L777C QLGICLTSTV	16	12
>EGFR-L777C LLGICLTSTV	5	>EGFR-L777C QLGICLTSTV	15	10
>EGFR-L777C LLGICLTSTV	9	>EGFR-L777C QLGICLTSTV	38	29
>EGFR-L777C LLGICLTSTV	6	>EGFR-L777C QLGICLTSTV	21	15
>EGFR-L777C LLGICLTST	30	>EGFR-L777C QLGICLTST	975	945
>EGFR-L777C LLGICLTSTV	2	>EGFR-L777C QLGICLTSTV	3	1
>EGFR-L777C LLGICLTSTVQ	272	>EGFR-L777C QLGICLTSTVC	4073	3801
>EGFR-L777C RLLGICLT	229	>EGFR-L777C RQLGICLT	3925	3696
>EGFR-L777C RLLGICLTST	73	>EGFR-L777C RQLGICLTST	963	890
>EGFR-L777C RLLGICLTSTV	15	>EGFR-L777C RQLGICLTST\	49	34
>EGFR-L777C RLLGICLTST	207	>EGFR-L777C RQLGICLTST	1307	1100
>EGFR-L777C RLLGICLTSTV	29	>EGFR-L777C RQLGICLTST\	376	347
>EGFR-L777C RLLGICLTST	52	>EGFR-L777C RQLGICLTST	261	209
>EGFR-L777C RLLGICLTSTV	13	>EGFR-L777C RQLGICLTST\	71	58
>EGFR-L777C RLLGICLT	310	>EGFR-L777C RQLGICLT	50	260
>EGFR-L777C RLLGICLTS	3450	>EGFR-L777C RQLGICLTS	272	3178
>EGFR-L777C RLLGICLTST	87	>EGFR-L777C RQLGICLTST	90	3
>EGFR-L777C RLLGICLTSTV	19	>EGFR-L777C RQLGICLTST\	4	15
>EGFR-L777C RLLGICLT	35	>EGFR-L777C RQLGICLT	2507	2472
>EGFR-L777C RLLGICLTST	95	>EGFR-L777C RQLGICLTST	6609	6514
>EGFR-L777C RLLGICLTSTV	2	>EGFR-L777C RQLGICLTST\	17	15
>EGFR-L777C RLLGICLTSTV	5	>EGFR-L777C RQLGICLTST\	52	47
>EGFR-L777C RLLGICLT	112	>EGFR-L777C RQLGICLT	6317	6205
>EGFR-L777C RLLGICLTST	401	>EGFR-L777C RQLGICLTST	12276	11875
>EGFR-L777C RLLGICLTSTV	5	>EGFR-L777C RQLGICLTST\	38	33
>EGFR-L777C RLLGICLTSTV	2	>EGFR-L777C RQLGICLTST\	160	158
>EGFR-L777C RLLGICLT	30	>EGFR-L777C RQLGICLT	21793	21763
>EGFR-L777C RLLGICLTST	34	>EGFR-L777C RQLGICLTST	25690	25656
>EGFR-L777C RLLGICLTSTV	2	>EGFR-L777C RQLGICLTST\	286	284
>EGFR-L777C RLLGICLTS	163	>EGFR-L777C RQLGICLTS	511	348
>EGFR-L777C RLLGICLTST	360	>EGFR-L777C RQLGICLTST	1171	811
>EGFR-L777C RLLGICLTSTV	23	>EGFR-L777C RQLGICLTST\	57	34
>EGFR-L777C RLLGICLTSTV	1293	>EGFR-L777C RQLGICLTST\	54	1239
>EGFR-L777C RLLGICLTSTV	9277	>EGFR-L777C RQLGICLTST\	467	8810
>EGFR-L777C RLLGICLTSTV	11688	>EGFR-L777C RQLGICLTST\	384	11304
>EGFR-L777C RLLGICLTSTV	241	>EGFR-L777C RQLGICLTST\	1501	1260
>EGFR-L777C RLLGICLTSTV	4038	>EGFR-L777C RQLGICLTST\	404	3634

>EGFR-L777C ASVDNPHVCI	389	>EGFR-L777C ASVDNPHVCI	3915	3526
>EGFR-L777C ASVDNPHVCI	6	>EGFR-L777C ASVDNPHVCI	1043	1037
>EGFR-L777C CRLLGICL	260	>EGFR-L777C CRQLGICL	487	227
>EGFR-L777C CRLLGICLTS	1410	>EGFR-L777C CRQLGICLTS	444	966
>EGFR-L777C CRLLGICLTS	577	>EGFR-L777C CRQLGICLTS	258	319
>EGFR-L777C HVCRLLGICL	662	>EGFR-L777C HVCRLGICL	415	247
>EGFR-L777C HVCRLGI	804	>EGFR-L777C HVCRLGI	447	357
>EGFR-L777C NPHVCRLL	65	>EGFR-L777C NPHVCRQL	40	25
>EGFR-L777C SVDNPHVCRI	75	>EGFR-L777C SVDNPHVCRI	6482	6407
>EGFR-L777C SVDNPHVCRI	449	>EGFR-L777C SVDNPHVCRI	11591	11142
>EGFR-L777C SVDNPHVCRI	204	>EGFR-L777C SVDNPHVCRI	7857	7653
>EGFR-L792F LMPFGCLL	297	>EGFR-L792F PMPFGCLL	9956	9659
>EGFR-L792F LMPFGCLLDY	24	>EGFR-L792F PMPFGCLLDY	1482	1458
>EGFR-L792F LMPFGCLL	71	>EGFR-L792F PMPFGCLL	2276	2205
>EGFR-L792F LMPFGCLLDY	12	>EGFR-L792F PMPFGCLLDY	275	263
>EGFR-L792F LMPFGCLL	80	>EGFR-L792F PMPFGCLL	3435	3355
>EGFR-L792F LMPFGCLLDY	8	>EGFR-L792F PMPFGCLLDY	229	221
>EGFR-L792F LMPFGCLL	248	>EGFR-L792F PMPFGCLL	11247	10999
>EGFR-L792F LMPFGCLLDY	12	>EGFR-L792F PMPFGCLLDY	455	443
>EGFR-L792F LMPFGCLL	35	>EGFR-L792F PMPFGCLL	787	752
>EGFR-L792F LMPFGCLLDY	3	>EGFR-L792F PMPFGCLLDY	23	20
>EGFR-L792F LMPFGCLLDY	14	>EGFR-L792F PMPFGCLLDY	439	425
>EGFR-L792F LMPFGCLL	83	>EGFR-L792F PMPFGCLL	1061	978
>EGFR-L792F LMPFGCLLDY	8	>EGFR-L792F PMPFGCLLDY	40	32
>EGFR-L792F LMPFGCLL	489	>EGFR-L792F PMPFGCLL	4488	3999
>EGFR-L792F LMPFGCLLDY	6	>EGFR-L792F PMPFGCLLDY	39	33
>EGFR-L792F LMPFGCLL	8	>EGFR-L792F PMPFGCLL	180	172
>EGFR-L792F LMPFGCLLDY	3	>EGFR-L792F PMPFGCLLDY	30	27
>EGFR-L792F LMPFGCLLDY	254	>EGFR-L792F PMPFGCLLDY	1888	1634
>EGFR-L792F LMPFGCLLDY	326	>EGFR-L792F PMPFGCLLDY	780	454
>EGFR-L792F LMPFGCLLDY	259	>EGFR-L792F PMPFGCLLDY	957	698
>EGFR-L792F LMPFGCLLDY	97	>EGFR-L792F PMPFGCLLDY	530	433
>EGFR-L792F LMPFGCLLDY	117	>EGFR-L792F PMPFGCLLDY	5224	5107
>EGFR-L792F LMPFGCLL	9	>EGFR-L792F PMPFGCLL	99	90
>EGFR-L792F LMPFGCLLDY	344	>EGFR-L792F PMPFGCLLDY	7310	6966
>EGFR-L792F QLMPFGCL	215	>EGFR-L792F QPMPFGCL	22942	22727
>EGFR-L792F QLMPFGCLL	39	>EGFR-L792F QPMPFGCLL	22029	21990
>EGFR-L792F QLMPFGCL	30	>EGFR-L792F QPMPFGCL	19223	19193
>EGFR-L792F QLMPFGCLL	8	>EGFR-L792F QPMPFGCLL	10868	10860
>EGFR-L792F QLMPFGCL	212	>EGFR-L792F QPMPFGCL	20731	20519
>EGFR-L792F QLMPFGCLL	53	>EGFR-L792F QPMPFGCLL	19875	19822
>EGFR-L792F QLMPFGCL	201	>EGFR-L792F QPMPFGCL	12828	12627
>EGFR-L792F QLMPFGCLL	45	>EGFR-L792F QPMPFGCLL	9062	9017

>EGFR-L792F QLMPFGCL	123	>EGFR-L792F QPMPFGCL	25907	25784
>EGFR-L792F QLMPFGCLL	17	>EGFR-L792F QPMPFGCLL	20353	20336
>EGFR-L792F QLMPFGCL	120	>EGFR-L792F QPMPFGCL	24081	23961
>EGFR-L792F QLMPFGCLL	42	>EGFR-L792F QPMPFGCLL	23826	23784
>EGFR-L792F QLMPFGCL	485	>EGFR-L792F QPMPFGCL	25982	25497
>EGFR-L792F QLMPFGCLL	96	>EGFR-L792F QPMPFGCLL	24129	24033
>EGFR-L792F QLMPFGCL	77	>EGFR-L792F QPMPFGCL	22106	22029
>EGFR-L792F QLMPFGCLL	37	>EGFR-L792F QPMPFGCLL	20420	20383
>EGFR-L792F QLMPFGCL	36	>EGFR-L792F QPMPFGCL	31462	31426
>EGFR-L792F QLMPFGCLL	4	>EGFR-L792F QPMPFGCLL	25705	25701
>EGFR-L792F QLMPFGCLLI	15	>EGFR-L792F QPMPFGCLLI	216	201
>EGFR-L792F QLMPFGCLLI	328	>EGFR-L792F QPMPFGCLLI	3874	3546
>EGFR-L792F QLMPFGCLLI	23	>EGFR-L792F QPMPFGCLLI	847	824
>EGFR-L792F QLMPFGCL	17075	>EGFR-L792F QPMPFGCL	102	16973
>EGFR-L792F QLMPFGCLL	16958	>EGFR-L792F QPMPFGCLL	174	16784
>EGFR-L792F QLMPFGCLLI	111	>EGFR-L792F QPMPFGCLLI	8740	8629
>EGFR-L792F QLMPFGCLLI	92	>EGFR-L792F QPMPFGCLLI	921	829
>EGFR-L792F QLMPFGCLLI	124	>EGFR-L792F QPMPFGCLLI	665	541
>EGFR-L792F QLMPFGCLLI	2166	>EGFR-L792F QPMPFGCLLI	29	2137
>EGFR-L792F QLMPFGCL	3762	>EGFR-L792F QPMPFGCL	411	3351
>EGFR-L792F QLMPFGCLL	3204	>EGFR-L792F QPMPFGCLL	324	2880
>EGFR-L792F QLMPFGCLLI	24667	>EGFR-L792F QPMPFGCLLI	103	24564
>EGFR-L792F LTSTVQLITQL	119	>EGFR-L792F LTSTVQLITQF	13228	13109
>EGFR-L792F LTSTVQLITQL	223	>EGFR-L792F LTSTVQLITQF	13848	13625
>EGFR-L792F LTSTVQLITQL	49	>EGFR-L792F LTSTVQLITQF	17166	17117
>EGFR-L792F LTSTVQLITQL	78	>EGFR-L792F LTSTVQLITQF	11430	11352
>EGFR-L792F LTSTVQLITQL	117	>EGFR-L792F LTSTVQLITQF	13484	13367
>EGFR-L792F LTSTVQLITQL	30	>EGFR-L792F LTSTVQLITQF	3450	3420
>EGFR-L792F LTSTVQLITQL	298	>EGFR-L792F LTSTVQLITQF	27195	26897
>EGFR-L792F TQLMPFGC	325	>EGFR-L792F TQPMPFGC	1778	1453
>EGFR-L792F TQLMPFGCL	200	>EGFR-L792F TQPMPFGCL	1035	835
>EGFR-L792F TQLMPFGCLI	128	>EGFR-L792F TQPMPFGCLI	446	318
>EGFR-L792F TQLMPFGCLI	251	>EGFR-L792F TQPMPFGCLI	1797	1546
>EGFR-L792F TQLMPFGCLI	420	>EGFR-L792F TQPMPFGCLI	6273	5853
>EGFR-L792F TQLMPFGCL	25005	>EGFR-L792F TQPMPFGCL	448	24557
>EGFR-L792F TQLMPFGCLI	15808	>EGFR-L792F TQPMPFGCLI	58	15750
>EGFR-L792F ITQLMPFGCL	365	>EGFR-L792F ITQPMPFGCL	81	284
>EGFR-L792F ITQLMPFGCL	17	>EGFR-L792F ITQPMPFGCL	7	10
>EGFR-L792F ITQLMPFGCL	2250	>EGFR-L792F ITQPMPFGCL	371	1879
>EGFR-L792F ITQLMPFGCL	719	>EGFR-L792F ITQPMPFGCL	314	405
>EGFR-L792F ITQLMPFGCL	120	>EGFR-L792F ITQPMPFGCL	47	73
>EGFR-L792F ITQLMPFGCL	187	>EGFR-L792F ITQPMPFGCL	365	178
>EGFR-L792F ITQLMPFGCL	132	>EGFR-L792F ITQPMPFGCL	66	66

>EGFR-L792F ITQLMPFGCL	1010	>EGFR-L792F ITQPMPFGCL	163	847
>EGFR-L792F LITQLMPF	228	>EGFR-L792F LITQPMPF	439	211
>EGFR-L792F LITQLMPF	388	>EGFR-L792F LITQPMPF	170	218
>EGFR-L792F LITQLMPF	506	>EGFR-L792F LITQPMPF	335	171
>EGFR-L792F QLITQLMPF	212	>EGFR-L792F QLITQPMPF	4511	4299
>EGFR-L792F QLITQLMPF	23	>EGFR-L792F QLITQPMPF	543	520
>EGFR-L792F QLITQLMPF	154	>EGFR-L792F QLITQPMPF	64	90
>EGFR-L792F QLITQLMPF	67	>EGFR-L792F QLITQPMPF	153	86
>EGFR-L792F QLITQLMPF	496	>EGFR-L792F QLITQPMPF	373	123
>EGFR-L792F QLITQLMPF	14	>EGFR-L792F QLITQPMPF	9	5
>EGFR-L792F VQLITQLM	332	>EGFR-L792F VQLITQPM	133	199
>EGFR-L792F VQLITQLM	1536	>EGFR-L792F VQLITQPM	214	1322
>EGFR-L792F VQLITQLMPF	75	>EGFR-L792F VQLITQPMPF	125	50
>EGFR-L792F VQLITQLM	58	>EGFR-L792F VQLITQPM	14	44
>EGFR-L792F VQLITQLMPF	3	>EGFR-L792F VQLITQPMPF	3	0
>EGFR-L792F TVQLITQLMP	469	>EGFR-L792F TVQLITQPMF	1410	941
>EGFR-L792F TVQLITQLMP	188	>EGFR-L792F TVQLITQPMF	86	102
>EGFR-L792F TVQLITQL	217	>EGFR-L792F TVQLITQP	17122	16905
>EGFR-L792F TVQLITQLM	996	>EGFR-L792F TVQLITQPM	249	747
>EGFR-L792F TVQLITQLM	4229	>EGFR-L792F TVQLITQPM	263	3966
>EGFR-L792F TVQLITQLMP	784	>EGFR-L792F TVQLITQPMF	364	420
>EGFR-L792F TVQLITQLM	410	>EGFR-L792F TVQLITQPM	4522	4112
>EGFR-L792F STVQLITQL	339	>EGFR-L792F STVQLITQP	16522	16183
>EGFR-L792F STVQLITQL	408	>EGFR-L792F STVQLITQP	19409	19001
>EGFR-L792F STVQLITQL	64	>EGFR-L792F STVQLITQP	14691	14627
>EGFR-L792F STVQLITQLM	18	>EGFR-L792F STVQLITQPM	7	11
>EGFR-L792F STVQLITQLM	139	>EGFR-L792F STVQLITQPM	63	76
>EGFR-L792F STVQLITQL	116	>EGFR-L792F STVQLITQP	14009	13893
>EGFR-L792F STVQLITQLM	296	>EGFR-L792F STVQLITQPM	158	138
>EGFR-L792F STVQLITQL	222	>EGFR-L792F STVQLITQP	14660	14438
>EGFR-L792F STVQLITQLM	528	>EGFR-L792F STVQLITQPM	108	420
>EGFR-L792F STVQLITQLM	2733	>EGFR-L792F STVQLITQPM	315	2418
>EGFR-L792F STVQLITQL	7	>EGFR-L792F STVQLITQP	9643	9636
>EGFR-L792F STVQLITQLM	18	>EGFR-L792F STVQLITQPM	9	9
>EGFR-L792F STVQLITQL	170	>EGFR-L792F STVQLITQP	10005	9835
>EGFR-L792F STVQLITQLM	72	>EGFR-L792F STVQLITQPM	282	210
>EGFR-L792F STVQLITQL	17	>EGFR-L792F STVQLITQP	2230	2213
>EGFR-L792F STVQLITQLM	24	>EGFR-L792F STVQLITQPM	47	23
>EGFR-L792F STVQLITQL	249	>EGFR-L792F STVQLITQP	27231	26982
>EGFR-L792F TSTVQLITQL	59	>EGFR-L792F TSTVQLITQP	18919	18860
>EGFR-L792F TSTVQLITQLM	239	>EGFR-L792F TSTVQLITQPI	72	167
>EGFR-L792F TSTVQLITQL	474	>EGFR-L792F TSTVQLITQP	17891	17417
>EGFR-L792F TSTVQLITQLM	203	>EGFR-L792F TSTVQLITQPI	887	684

>EGFR-L792F TSTVQLITQL	253	>EGFR-L792F TSTVQLITQP	18348	18095
>EGFR-L792F TSTVQLITQLM	171	>EGFR-L792F TSTVQLITQPI	1657	1486
>EGFR-L798F LLDYVREHK	738	>EGFR-L798F FLDYVREHK	159	579
>EGFR-L798F CLLDYVREHK	74	>EGFR-L798F CFLDYVREHK	772	698
>EGFR-L798F CLLDYVREHK	144	>EGFR-L798F CFLDYVREHK	666	522
>EGFR-L798F CLLDYVREHK	570	>EGFR-L798F CFLDYVREHK	188	382
>EGFR-L798F LITQLMPFGC	1674	>EGFR-L798F LITQLMPFGC	240	1434
>EGFR-L798F GCCLDYVR	361	>EGFR-L798F GCFLDYVR	158	203
>EGFR-L798F FGCLLDYV	218	>EGFR-L798F FGCFLDYV	103	115
>EGFR-L798F FGCLLDYV	151	>EGFR-L798F FGCFLDYV	147	4
>EGFR-L798F FGCLLDYV	862	>EGFR-L798F FGCFLDYV	339	523
>EGFR-L798F FGCLLDYVR	542	>EGFR-L798F FGCFLDYVR	132	410
>EGFR-L798F FGCLLDYV	1571	>EGFR-L798F FGCFLDYV	417	1154
>EGFR-L798F FGCLLDYVR	78	>EGFR-L798F FGCFLDYVR	86	8
>EGFR-L798F PFGCLLDY	31	>EGFR-L798F PFGCLDY	24	7
>EGFR-L798F PFGCLLDY	341	>EGFR-L798F PFGCLDY	291	50
>EGFR-L798F PFGCLLDYVR	1649	>EGFR-L798F PFGCLDYVR	413	1236
>EGFR-L798F PFGCLLDYVR	35	>EGFR-L798F PFGCLDYVR	21	14
>EGFR-L798F MPFGCLLDY	79	>EGFR-L798F MPFGCLDY	27	52
>EGFR-L798F MPFGCLLDY\	8	>EGFR-L798F MPFGCLDY\	7	1
>EGFR-L798F MPFGCLLDY\	203	>EGFR-L798F MPFGCLDY\	192	11
>EGFR-L798F MPFGCLLDY\	131	>EGFR-L798F MPFGCLDY\	112	19
>EGFR-L798F MPFGCLLDY\	399	>EGFR-L798F MPFGCLDY\	358	41
>EGFR-L798F MPFGCLLDY	17	>EGFR-L798F MPFGCLDY	12	5
>EGFR-L798F MPFGCLLDY\	498	>EGFR-L798F MPFGCLDY\	276	222
>EGFR-L798F MPFGCLLDY\	425	>EGFR-L798F MPFGCLDY\	292	133
>EGFR-L798F MPFGCLLDY\	63	>EGFR-L798F MPFGCLDY\	37	26
>EGFR-L798F MPFGCLLDY\	1122	>EGFR-L798F MPFGCLDY\	412	710
>EGFR-L798F MPFGCLLDY\	282	>EGFR-L798F MPFGCLDY\	182	100
>EGFR-L798F MPFGCLLDY	359	>EGFR-L798F MPFGCLDY	195	164
>EGFR-L798F MPFGCLLDY	480	>EGFR-L798F MPFGCLDY	135	345
>EGFR-L798F MPFGCLLDY	297	>EGFR-L798F MPFGCLDY	278	19
>EGFR-L798F MPFGCLLDY	8	>EGFR-L798F MPFGCLDY	8	0
>EGFR-L798F MPFGCLLDY\	80	>EGFR-L798F MPFGCLDY\	61	19
>EGFR-L798F MPFGCLLDY	13	>EGFR-L798F MPFGCLDY	9	4
>EGFR-L798F MPFGCLLD	63	>EGFR-L798F MPFGCLD	16	47
>EGFR-L798F MPFGCLLDY	254	>EGFR-L798F MPFGCLDY	45	209
>EGFR-L798F MPFGCLLDY\	25	>EGFR-L798F MPFGCLDY\	31	6
>EGFR-L798F MPFGCLLDY\	43	>EGFR-L798F MPFGCLDY\	27	16
>EGFR-L798F MPFGCLLDY	616	>EGFR-L798F MPFGCLDY	430	186
>EGFR-L798F MPFGCLLDY	95	>EGFR-L798F MPFGCLDY	20	75
>EGFR-L798F MPFGCLLDY	101	>EGFR-L798F MPFGCLDY	79	22
>EGFR-L798F MPFGCLLDY	494	>EGFR-L798F MPFGCLDY	2039	1545

>EGFR-L798F MPFGCLLDY\	32	>EGFR-L798F MPFGCFLDY	23	9
>EGFR-L798F LMPFGCLL	297	>EGFR-L798F LMPFGCFL	118	179
>EGFR-L798F LMPFGCLLDY	24	>EGFR-L798F LMPFGCFLDY	16	8
>EGFR-L798F LMPFGCLL	71	>EGFR-L798F LMPFGCFL	27	44
>EGFR-L798F LMPFGCLLDY	12	>EGFR-L798F LMPFGCFLDY	6	6
>EGFR-L798F LMPFGCLL	80	>EGFR-L798F LMPFGCFL	60	20
>EGFR-L798F LMPFGCLLDY	8	>EGFR-L798F LMPFGCFLDY	6	2
>EGFR-L798F LMPFGCLL	248	>EGFR-L798F LMPFGCFL	64	184
>EGFR-L798F LMPFGCLLDY	12	>EGFR-L798F LMPFGCFLDY	8	4
>EGFR-L798F LMPFGCLL	35	>EGFR-L798F LMPFGCFL	12	23
>EGFR-L798F LMPFGCLLDY	3	>EGFR-L798F LMPFGCFLDY	2	1
>EGFR-L798F LMPFGCLL	522	>EGFR-L798F LMPFGCFL	105	417
>EGFR-L798F LMPFGCLLDY	14	>EGFR-L798F LMPFGCFLDY	7	7
>EGFR-L798F LMPFGCLL	83	>EGFR-L798F LMPFGCFL	20	63
>EGFR-L798F LMPFGCLLDY	8	>EGFR-L798F LMPFGCFLDY	7	1
>EGFR-L798F LMPFGCLL	489	>EGFR-L798F LMPFGCFL	42	447
>EGFR-L798F LMPFGCLLDY	6	>EGFR-L798F LMPFGCFLDY	3	3
>EGFR-L798F LMPFGCLL	8	>EGFR-L798F LMPFGCFL	6	2
>EGFR-L798F LMPFGCLLDY	3	>EGFR-L798F LMPFGCFLDY	3	0
>EGFR-L798F LMPFGCLLDY	254	>EGFR-L798F LMPFGCFLDY	227	27
>EGFR-L798F LMPFGCLLDY	326	>EGFR-L798F LMPFGCFLDY	177	149
>EGFR-L798F LMPFGCLLDY	259	>EGFR-L798F LMPFGCFLDY	256	3
>EGFR-L798F LMPFGCLLDY	592	>EGFR-L798F LMPFGCFLDY	254	338
>EGFR-L798F LMPFGCLLDY	97	>EGFR-L798F LMPFGCFLDY	131	34
>EGFR-L798F LMPFGCLLDY	117	>EGFR-L798F LMPFGCFLDY	101	16
>EGFR-L798F LMPFGCLLDY	596	>EGFR-L798F LMPFGCFLDY	366	230
>EGFR-L798F LMPFGCLL	9	>EGFR-L798F LMPFGCFL	19	10
>EGFR-L798F LMPFGCLLDY	509	>EGFR-L798F LMPFGCFLDY	215	294
>EGFR-L798F LMPFGCLLDY	344	>EGFR-L798F LMPFGCFLDY	697	353
>EGFR-L798F QLMPFGCL	215	>EGFR-L798F QLMPFGCF	12497	12282
>EGFR-L798F QLMPFGCLL	39	>EGFR-L798F QLMPFGCFL	24	15
>EGFR-L798F QLMPFGCL	30	>EGFR-L798F QLMPFGCF	1334	1304
>EGFR-L798F QLMPFGCLL	8	>EGFR-L798F QLMPFGCFL	5	3
>EGFR-L798F QLMPFGCL	212	>EGFR-L798F QLMPFGCF	7804	7592
>EGFR-L798F QLMPFGCLL	53	>EGFR-L798F QLMPFGCFL	40	13
>EGFR-L798F QLMPFGCL	201	>EGFR-L798F QLMPFGCF	1044	843
>EGFR-L798F QLMPFGCLL	45	>EGFR-L798F QLMPFGCFL	14	31
>EGFR-L798F QLMPFGCL	123	>EGFR-L798F QLMPFGCF	6092	5969
>EGFR-L798F QLMPFGCLL	17	>EGFR-L798F QLMPFGCFL	8	9
>EGFR-L798F QLMPFGCL	120	>EGFR-L798F QLMPFGCF	11566	11446
>EGFR-L798F QLMPFGCLL	42	>EGFR-L798F QLMPFGCFL	11	31
>EGFR-L798F QLMPFGCL	485	>EGFR-L798F QLMPFGCF	17368	16883
>EGFR-L798F QLMPFGCLL	96	>EGFR-L798F QLMPFGCFL	26	70

>EGFR-L798F QLMPFGCL	77	>EGFR-L798F QLMPFGCF	10170	10093
>EGFR-L798F QLMPFGCLL	37	>EGFR-L798F QLMPFGCFL	9	28
>EGFR-L798F QLMPFGCL	36	>EGFR-L798F QLMPFGCF	9080	9044
>EGFR-L798F QLMPFGCLL	4	>EGFR-L798F QLMPFGCFL	4	0
>EGFR-L798F QLMPFGCLLI	522	>EGFR-L798F QLMPFGCFLI	320	202
>EGFR-L798F QLMPFGCLLI	723	>EGFR-L798F QLMPFGCFLI	367	356
>EGFR-L798F QLMPFGCLLI	15	>EGFR-L798F QLMPFGCFLI	14	1
>EGFR-L798F QLMPFGCLLI	328	>EGFR-L798F QLMPFGCFLI	282	46
>EGFR-L798F QLMPFGCLL	639	>EGFR-L798F QLMPFGCFL	224	415
>EGFR-L798F QLMPFGCLLI	23	>EGFR-L798F QLMPFGCFLI	19	4
>EGFR-L798F QLMPFGCL	1947	>EGFR-L798F QLMPFGCF	105	1842
>EGFR-L798F QLMPFGCLLI	111	>EGFR-L798F QLMPFGCFLI	75	36
>EGFR-L798F QLMPFGCL	1295	>EGFR-L798F QLMPFGCF	84	1211
>EGFR-L798F QLMPFGCLLI	92	>EGFR-L798F QLMPFGCFLI	86	6
>EGFR-L798F QLMPFGCL	1014	>EGFR-L798F QLMPFGCF	48	966
>EGFR-L798F QLMPFGCLL	623	>EGFR-L798F QLMPFGCFL	480	143
>EGFR-L798F QLMPFGCLLI	124	>EGFR-L798F QLMPFGCFLI	62	62
>EGFR-L798F TQLMPFGCLI	623	>EGFR-L798F TQLMPFGCFI	434	189
>EGFR-L798F TQLMPFGCL	200	>EGFR-L798F TQLMPFGCF	907	707
>EGFR-L798F TQLMPFGCLI	128	>EGFR-L798F TQLMPFGCFI	88	40
>EGFR-L798F TQLMPFGCL	4069	>EGFR-L798F TQLMPFGCF	141	3928
>EGFR-L798F TQLMPFGCL	3852	>EGFR-L798F TQLMPFGCF	364	3488
>EGFR-L798F TQLMPFGCL	581	>EGFR-L798F TQLMPFGCF	17	564
>EGFR-L798F TQLMPFGCLI	251	>EGFR-L798F TQLMPFGCFI	180	71
>EGFR-L798F TQLMPFGCLI	420	>EGFR-L798F TQLMPFGCFI	893	473
>EGFR-L798F ITQLMPFGCL	365	>EGFR-L798F ITQLMPFGCF	39	326
>EGFR-L798F ITQLMPFGCL	17	>EGFR-L798F ITQLMPFGCF	16	1
>EGFR-L798F ITQLMPFGCL	120	>EGFR-L798F ITQLMPFGCF	103	17
>EGFR-L798F ITQLMPFGCL	187	>EGFR-L798F ITQLMPFGCF	41	146
>EGFR-L798F ITQLMPFGCL	132	>EGFR-L798F ITQLMPFGCF	248	116
>EGFR-L798F LLDYVREHK	1369	>EGFR-L798F HLDYVREHK	478	891
>EGFR-L798F LLDYVREHK	738	>EGFR-L798F HLDYVREHK	215	523
>EGFR-L798F CLLDYVREHK	74	>EGFR-L798F CHLDYVREHK	18385	18311
>EGFR-L798F CLLDYVREHK	144	>EGFR-L798F CHLDYVREHK	21830	21686
>EGFR-L798F GCLLDYVR	361	>EGFR-L798F GCHLDYVR	727	366
>EGFR-L798F FGCLLDYV	218	>EGFR-L798F FGCHLDYV	126	92
>EGFR-L798F FGCLLDYV	151	>EGFR-L798F FGCHLDYV	122	29
>EGFR-L798F FGCLLDYV	862	>EGFR-L798F FGCHLDYV	422	440
>EGFR-L798F FGCLLDYVR	542	>EGFR-L798F FGCHLDYVR	481	61
>EGFR-L798F FGCLLDYVR	78	>EGFR-L798F FGCHLDYVR	73	5
>EGFR-L798F PFGCLLDY	31	>EGFR-L798F PFGCHLDY	23	8
>EGFR-L798F PFGCLLDY	341	>EGFR-L798F PFGCHLDY	960	619
>EGFR-L798F PFGCLLDYVR	35	>EGFR-L798F PFGCHLDYVR	40	5

>EGFR-L798F MPFGCLLDY	79	>EGFR-L798F MPFGCHLDY	56	23
>EGFR-L798F MPFGCLLDY\	8	>EGFR-L798F MPFGCHLDY'	9	1
>EGFR-L798F MPFGCLLDY\	203	>EGFR-L798F MPFGCHLDY'	329	126
>EGFR-L798F MPFGCLLDY\	131	>EGFR-L798F MPFGCHLDY'	397	266
>EGFR-L798F MPFGCLLDY\	399	>EGFR-L798F MPFGCHLDY'	484	85
>EGFR-L798F MPFGCLLDY	17	>EGFR-L798F MPFGCHLDY	13	4
>EGFR-L798F MPFGCLLDY\	498	>EGFR-L798F MPFGCHLDY'	319	179
>EGFR-L798F MPFGCLLDY\	425	>EGFR-L798F MPFGCHLDY'	331	94
>EGFR-L798F MPFGCLLDY\	63	>EGFR-L798F MPFGCHLDY'	40	23
>EGFR-L798F MPFGCLLDY\	282	>EGFR-L798F MPFGCHLDY'	347	65
>EGFR-L798F MPFGCLLDY	359	>EGFR-L798F MPFGCHLDY	384	25
>EGFR-L798F MPFGCLLDY	480	>EGFR-L798F MPFGCHLDY	236	244
>EGFR-L798F MPFGCLLDY	297	>EGFR-L798F MPFGCHLDY	198	99
>EGFR-L798F MPFGCLLDY	8	>EGFR-L798F MPFGCHLDY	8	0
>EGFR-L798F MPFGCLLDY\	80	>EGFR-L798F MPFGCHLDY'	56	24
>EGFR-L798F MPFGCLLDY	13	>EGFR-L798F MPFGCHLDY	21	8
>EGFR-L798F MPFGCLLD	63	>EGFR-L798F MPFGCHLD	39	24
>EGFR-L798F MPFGCLLDY	254	>EGFR-L798F MPFGCHLDY	670	416
>EGFR-L798F MPFGCLLDY\	25	>EGFR-L798F MPFGCHLDY'	17	8
>EGFR-L798F MPFGCLLDY\	43	>EGFR-L798F MPFGCHLDY'	67	24
>EGFR-L798F MPFGCLLDY	616	>EGFR-L798F MPFGCHLDY	461	155
>EGFR-L798F MPFGCLLDY	95	>EGFR-L798F MPFGCHLDY	136	41
>EGFR-L798F MPFGCLLDY	101	>EGFR-L798F MPFGCHLDY	69	32
>EGFR-L798F MPFGCLLDY	494	>EGFR-L798F MPFGCHLDY	714	220
>EGFR-L798F MPFGCLLDY\	32	>EGFR-L798F MPFGCHLDY'	25	7
>EGFR-L798F LMPFGCLL	297	>EGFR-L798F LMPFGCHL	605	308
>EGFR-L798F LMPFGCLLDY	24	>EGFR-L798F LMPFGCHLD'	22	2
>EGFR-L798F LMPFGCLL	71	>EGFR-L798F LMPFGCHL	95	24
>EGFR-L798F LMPFGCLLDY	12	>EGFR-L798F LMPFGCHLD'	6	6
>EGFR-L798F LMPFGCLL	80	>EGFR-L798F LMPFGCHL	88	8
>EGFR-L798F LMPFGCLLDY	8	>EGFR-L798F LMPFGCHLD'	5	3
>EGFR-L798F LMPFGCLL	248	>EGFR-L798F LMPFGCHL	174	74
>EGFR-L798F LMPFGCLLDY	12	>EGFR-L798F LMPFGCHLD'	9	3
>EGFR-L798F LMPFGCLL	35	>EGFR-L798F LMPFGCHL	25	10
>EGFR-L798F LMPFGCLLDY	3	>EGFR-L798F LMPFGCHLD'	3	0
>EGFR-L798F LMPFGCLL	522	>EGFR-L798F LMPFGCHL	156	366
>EGFR-L798F LMPFGCLLDY	14	>EGFR-L798F LMPFGCHLD'	7	7
>EGFR-L798F LMPFGCLL	83	>EGFR-L798F LMPFGCHL	40	43
>EGFR-L798F LMPFGCLLDY	8	>EGFR-L798F LMPFGCHLD'	8	0
>EGFR-L798F LMPFGCLL	489	>EGFR-L798F LMPFGCHL	231	258
>EGFR-L798F LMPFGCLLDY	6	>EGFR-L798F LMPFGCHLD'	4	2
>EGFR-L798F LMPFGCLL	8	>EGFR-L798F LMPFGCHL	6	2
>EGFR-L798F LMPFGCLLDY	3	>EGFR-L798F LMPFGCHLD'	3	0



>EGFR-L798F LMPFGCLLDY	254	>EGFR-L798F LMPFGCHLD'	310	56
>EGFR-L798F LMPFGCLLDY	326	>EGFR-L798F LMPFGCHLD'	206	120
>EGFR-L798F LMPFGCLLDY	259	>EGFR-L798F LMPFGCHLD'	316	57
>EGFR-L798F LMPFGCLLDY	592	>EGFR-L798F LMPFGCHLD'	453	139
>EGFR-L798F LMPFGCLLDY	97	>EGFR-L798F LMPFGCHLD'	202	105
>EGFR-L798F LMPFGCLL	1582	>EGFR-L798F LMPFGCHL	330	1252
>EGFR-L798F LMPFGCLLDY	117	>EGFR-L798F LMPFGCHLD'	119	2
>EGFR-L798F LMPFGCLLDY	596	>EGFR-L798F LMPFGCHLD'	444	152
>EGFR-L798F LMPFGCLL	9	>EGFR-L798F LMPFGCHL	37	28
>EGFR-L798F LMPFGCLLDY	509	>EGFR-L798F LMPFGCHLD'	283	226
>EGFR-L798F LMPFGCLLDY	344	>EGFR-L798F LMPFGCHLD'	565	221
>EGFR-L798F QLMPFGCL	215	>EGFR-L798F QLMPFGCH	22589	22374
>EGFR-L798F QLMPFGCLL	39	>EGFR-L798F QLMPFGCHL	93	54
>EGFR-L798F QLMPFGCL	30	>EGFR-L798F QLMPFGCH	7631	7601
>EGFR-L798F QLMPFGCLL	8	>EGFR-L798F QLMPFGCHL	10	2
>EGFR-L798F QLMPFGCL	212	>EGFR-L798F QLMPFGCH	18021	17809
>EGFR-L798F QLMPFGCLL	53	>EGFR-L798F QLMPFGCHL	75	22
>EGFR-L798F QLMPFGCL	201	>EGFR-L798F QLMPFGCH	21347	21146
>EGFR-L798F QLMPFGCLL	45	>EGFR-L798F QLMPFGCHL	28	17
>EGFR-L798F QLMPFGCL	123	>EGFR-L798F QLMPFGCH	20896	20773
>EGFR-L798F QLMPFGCLL	17	>EGFR-L798F QLMPFGCHL	17	0
>EGFR-L798F QLMPFGCL	120	>EGFR-L798F QLMPFGCH	22442	22322
>EGFR-L798F QLMPFGCLL	42	>EGFR-L798F QLMPFGCHL	17	25
>EGFR-L798F QLMPFGCL	485	>EGFR-L798F QLMPFGCH	23308	22823
>EGFR-L798F QLMPFGCLL	96	>EGFR-L798F QLMPFGCHL	54	42
>EGFR-L798F QLMPFGCL	77	>EGFR-L798F QLMPFGCH	22828	22751
>EGFR-L798F QLMPFGCLL	37	>EGFR-L798F QLMPFGCHL	52	15
>EGFR-L798F QLMPFGCL	36	>EGFR-L798F QLMPFGCH	20125	20089
>EGFR-L798F QLMPFGCLL	4	>EGFR-L798F QLMPFGCHL	4	0
>EGFR-L798F QLMPFGCLLI	15	>EGFR-L798F QLMPFGCHLI	16	1
>EGFR-L798F QLMPFGCLLI	328	>EGFR-L798F QLMPFGCHLI	407	79
>EGFR-L798F QLMPFGCLLI	23	>EGFR-L798F QLMPFGCHLI	28	5
>EGFR-L798F QLMPFGCLL	1175	>EGFR-L798F QLMPFGCHL	168	1007
>EGFR-L798F QLMPFGCLLI	111	>EGFR-L798F QLMPFGCHLI	85	26
>EGFR-L798F QLMPFGCLLI	92	>EGFR-L798F QLMPFGCHLI	67	25
>EGFR-L798F QLMPFGCLL	623	>EGFR-L798F QLMPFGCHL	414	209
>EGFR-L798F QLMPFGCLLI	124	>EGFR-L798F QLMPFGCHLI	80	44
>EGFR-L798F QLMPFGCLLI	537	>EGFR-L798F QLMPFGCHLI	414	123
>EGFR-L798F TQLMPFGCL	200	>EGFR-L798F TQLMPFGCH	16962	16762
>EGFR-L798F TQLMPFGCLI	128	>EGFR-L798F TQLMPFGCH	163	35
>EGFR-L798F TQLMPFGCLI	251	>EGFR-L798F TQLMPFGCH	133	118
>EGFR-L798F TQLMPFGCLI	420	>EGFR-L798F TQLMPFGCH	1503	1083
>EGFR-L798F ITQLMPFGCL	365	>EGFR-L798F ITQLMPFGCH	6656	6291

>EGFR-L798F ITQLMPFGCL	17	>EGFR-L798F ITQLMPFGCF	13	4
>EGFR-L798F ITQLMPFGCL	120	>EGFR-L798F ITQLMPFGCF	623	503
>EGFR-L798F ITQLMPFGCL	187	>EGFR-L798F ITQLMPFGCF	3389	3202
>EGFR-L798F ITQLMPFGCL	132	>EGFR-L798F ITQLMPFGCF	1042	910
>EGFR-L799F LDYVREHKDI	101	>EGFR-L799F RDYVREHKDI	340	239
>EGFR-L799F LDYVREHKDI	286	>EGFR-L799F RDYVREHKDI	63	223
>EGFR-L799F LDYVREHKDI	387	>EGFR-L799F RDYVREHKDI	1872	1485
>EGFR-L799F LDYVREHKDI	62	>EGFR-L799F RDYVREHKDI	60	2
>EGFR-L799F ITQLMPFGCL	12703	>EGFR-L799F ITQLMPFGCL	58	12645
>EGFR-L799F ITQLMPFGCL	10408	>EGFR-L799F ITQLMPFGCL	19	10389
>EGFR-L799F ITQLMPFGCL	11961	>EGFR-L799F ITQLMPFGCL	54	11907
>EGFR-L799F ITQLMPFGCL	19129	>EGFR-L799F ITQLMPFGCL	28	19101
>EGFR-L799F ITQLMPFGCL	17	>EGFR-L799F ITQLMPFGCL	8383	8366
>EGFR-L799F ITQLMPFGCL	120	>EGFR-L799F ITQLMPFGCL	10887	10767
>EGFR-L799F ITQLMPFGCL	132	>EGFR-L799F ITQLMPFGCL	3734	3602
>EGFR-L799F ITQLMPFGCL	34561	>EGFR-L799F ITQLMPFGCL	350	34211
>EGFR-L799F CLLDYVREHK	74	>EGFR-L799F CLRDYVREHK	181	107
>EGFR-L799F CLLDYVREHK	144	>EGFR-L799F CLRDYVREHK	1226	1082
>EGFR-L799F CLLDYVREHK	4522	>EGFR-L799F CLRDYVREHK	55	4467
>EGFR-L799F CLLDYVREHK	570	>EGFR-L799F CLRDYVREHK	393	177
>EGFR-L799F GCLLDYVR	361	>EGFR-L799F GCLR DYVR	622	261
>EGFR-L799F FGCLLDYV	218	>EGFR-L799F FGCLR DYV	1121	903
>EGFR-L799F FGCLLDYV	151	>EGFR-L799F FGCLR DYV	815	664
>EGFR-L799F FGCLLDYVR	78	>EGFR-L799F FGCLR DYVR	148	70
>EGFR-L799F PFGCLLDY	31	>EGFR-L799F PFGCLR DY	194	163
>EGFR-L799F PFGCLLDY	341	>EGFR-L799F PFGCLR DY	6541	6200
>EGFR-L799F PFGCLLDYVR	35	>EGFR-L799F PFGCLR DYVR	30	5
>EGFR-L799F MPFGCLLDY	79	>EGFR-L799F MPFGCLR DY	412	333
>EGFR-L799F MPFGCLLDY\	8	>EGFR-L799F MPFGCLR DY\	10	2
>EGFR-L799F MPFGCLLDY\	203	>EGFR-L799F MPFGCLR DY\	721	518
>EGFR-L799F MPFGCLLDY\	131	>EGFR-L799F MPFGCLR DY\	765	634
>EGFR-L799F MPFGCLLDY\	399	>EGFR-L799F MPFGCLR DY\	1820	1421
>EGFR-L799F MPFGCLLDY	17	>EGFR-L799F MPFGCLR DY	245	228
>EGFR-L799F MPFGCLLDY\	498	>EGFR-L799F MPFGCLR DY\	442	56
>EGFR-L799F MPFGCLLDY\	425	>EGFR-L799F MPFGCLR DY\	339	86
>EGFR-L799F MPFGCLLDY\	63	>EGFR-L799F MPFGCLR DY\	103	40
>EGFR-L799F MPFGCLLDY\	282	>EGFR-L799F MPFGCLR DY\	701	419
>EGFR-L799F MPFGCLLDY	359	>EGFR-L799F MPFGCLR DY	13291	12932
>EGFR-L799F MPFGCLLDY	480	>EGFR-L799F MPFGCLR DY	1057	577
>EGFR-L799F MPFGCLLDY	297	>EGFR-L799F MPFGCLR DY	469	172
>EGFR-L799F MPFGCLLDY	8	>EGFR-L799F MPFGCLR DY	11	3
>EGFR-L799F MPFGCLLDY\	80	>EGFR-L799F MPFGCLR DY\	202	122
>EGFR-L799F MPFGCLLDY	13	>EGFR-L799F MPFGCLR DY	36	23

>EGFR-L799FMPFGCLLD	63	>EGFR-L799FMPFGCLRD	192	129
>EGFR-L799FMPFGCLLDY	254	>EGFR-L799FMPFGCLRDY	242	12
>EGFR-L799FMPFGCLLDY\	25	>EGFR-L799FMPFGCLRDY\	52	27
>EGFR-L799FMPFGCLLDY\	43	>EGFR-L799FMPFGCLRDY\	49	6
>EGFR-L799FMPFGCLLDY	1087	>EGFR-L799FMPFGCLRDY	376	711
>EGFR-L799FMPFGCLLDY	95	>EGFR-L799FMPFGCLRDY	164	69
>EGFR-L799FMPFGCLLDY	101	>EGFR-L799FMPFGCLRDY	1578	1477
>EGFR-L799FMPFGCLLDY	494	>EGFR-L799FMPFGCLRDY	3264	2770
>EGFR-L799FMPFGCLLDY\	32	>EGFR-L799FMPFGCLRDY\	58	26
>EGFR-L799FLMPFGCLL	297	>EGFR-L799FLMPFGCLR	22400	22103
>EGFR-L799FLMPFGCLLDY	24	>EGFR-L799FLMPFGCLRDY\	103	79
>EGFR-L799FLMPFGCLL	71	>EGFR-L799FLMPFGCLR	16163	16092
>EGFR-L799FLMPFGCLLDY	12	>EGFR-L799FLMPFGCLRDY\	24	12
>EGFR-L799FLMPFGCLL	80	>EGFR-L799FLMPFGCLR	15164	15084
>EGFR-L799FLMPFGCLLDY	8	>EGFR-L799FLMPFGCLRDY\	19	11
>EGFR-L799FLMPFGCLL	248	>EGFR-L799FLMPFGCLR	19684	19436
>EGFR-L799FLMPFGCLLDY	12	>EGFR-L799FLMPFGCLRDY\	46	34
>EGFR-L799FLMPFGCLL	35	>EGFR-L799FLMPFGCLR	12953	12918
>EGFR-L799FLMPFGCLLDY	3	>EGFR-L799FLMPFGCLRDY\	6	3
>EGFR-L799FLMPFGCLLDY	14	>EGFR-L799FLMPFGCLRDY\	55	41
>EGFR-L799FLMPFGCLL	83	>EGFR-L799FLMPFGCLR	18787	18704
>EGFR-L799FLMPFGCLLDY	8	>EGFR-L799FLMPFGCLRDY\	14	6
>EGFR-L799FLMPFGCLL	489	>EGFR-L799FLMPFGCLR	25311	24822
>EGFR-L799FLMPFGCLLDY	6	>EGFR-L799FLMPFGCLRDY\	23	17
>EGFR-L799FLMPFGCLL	8	>EGFR-L799FLMPFGCLR	10451	10443
>EGFR-L799FLMPFGCLLDY	3	>EGFR-L799FLMPFGCLRDY\	5	2
>EGFR-L799FLMPFGCLLDY	254	>EGFR-L799FLMPFGCLRDY\	759	505
>EGFR-L799FLMPFGCLLDY	326	>EGFR-L799FLMPFGCLRDY\	917	591
>EGFR-L799FLMPFGCLLDY	259	>EGFR-L799FLMPFGCLRDY\	235	24
>EGFR-L799FLMPFGCLL	15255	>EGFR-L799FLMPFGCLR	188	15067
>EGFR-L799FLMPFGCLL	32592	>EGFR-L799FLMPFGCLR	387	32205
>EGFR-L799FLMPFGCLLDY	592	>EGFR-L799FLMPFGCLRDY\	457	135
>EGFR-L799FLMPFGCLLDY	97	>EGFR-L799FLMPFGCLRDY\	2148	2051
>EGFR-L799FLMPFGCLLDY	117	>EGFR-L799FLMPFGCLRDY\	217	100
>EGFR-L799FLMPFGCLL	9	>EGFR-L799FLMPFGCLR	2756	2747
>EGFR-L799FLMPFGCLLDY	344	>EGFR-L799FLMPFGCLRDY\	943	599
>EGFR-L799FLMPFGCLL	30827	>EGFR-L799FLMPFGCLR	235	30592
>EGFR-L799FQLMPFGCLL	39	>EGFR-L799FQLMPFGCLR	19997	19958
>EGFR-L799FQLMPFGCLL	8	>EGFR-L799FQLMPFGCLR	2187	2179
>EGFR-L799FQLMPFGCLL	53	>EGFR-L799FQLMPFGCLR	14374	14321
>EGFR-L799FQLMPFGCLL	45	>EGFR-L799FQLMPFGCLR	15387	15342
>EGFR-L799FQLMPFGCLL	17	>EGFR-L799FQLMPFGCLR	10431	10414
>EGFR-L799FQLMPFGCLL	42	>EGFR-L799FQLMPFGCLR	21233	21191

>EGFR-L799FQLMPFGCLL	96	>EGFR-L799FQLMPFGCLR	18806	18710
>EGFR-L799FQLMPFGCLL	37	>EGFR-L799FQLMPFGCLR	20477	20440
>EGFR-L799FQLMPFGCLL	4	>EGFR-L799FQLMPFGCLR	5899	5895
>EGFR-L799FQLMPFGCLL	13626	>EGFR-L799FQLMPFGCLR	104	13522
>EGFR-L799FQLMPFGCLLI	15	>EGFR-L799FQLMPFGCLRI	61	46
>EGFR-L799FQLMPFGCLLI	328	>EGFR-L799FQLMPFGCLRI	396	68
>EGFR-L799FQLMPFGCLL	11928	>EGFR-L799FQLMPFGCLR	41	11887
>EGFR-L799FQLMPFGCLL	19111	>EGFR-L799FQLMPFGCLR	186	18925
>EGFR-L799FQLMPFGCLL	22200	>EGFR-L799FQLMPFGCLR	61	22139
>EGFR-L799FQLMPFGCLLI	23	>EGFR-L799FQLMPFGCLRI	314	291
>EGFR-L799FQLMPFGCLLI	111	>EGFR-L799FQLMPFGCLRI	207	96
>EGFR-L799FQLMPFGCLLI	92	>EGFR-L799FQLMPFGCLRI	88	4
>EGFR-L799FQLMPFGCLLI	124	>EGFR-L799FQLMPFGCLRI	182	58
>EGFR-L799FQLMPFGCLL	11802	>EGFR-L799FQLMPFGCLR	50	11752
>EGFR-L799FTQLMPFGCLL	128	>EGFR-L799FTQLMPFGCLF	7181	7053
>EGFR-L799FTQLMPFGCLL	29879	>EGFR-L799FTQLMPFGCLF	230	29649
>EGFR-L799FTQLMPFGCLL	7155	>EGFR-L799FTQLMPFGCLF	24	7131
>EGFR-L799FTQLMPFGCLL	16942	>EGFR-L799FTQLMPFGCLF	181	16761
>EGFR-L799FTQLMPFGCLL	24898	>EGFR-L799FTQLMPFGCLF	74	24824
>EGFR-L799FTQLMPFGCLL	251	>EGFR-L799FTQLMPFGCLF	1843	1592
>EGFR-L799FTQLMPFGCLL	420	>EGFR-L799FTQLMPFGCLF	21640	21220
>EGFR-L799FTQLMPFGCLL	27449	>EGFR-L799FTQLMPFGCLF	125	27324
>EGFR-L814FLLNWCVQI	39	>EGFR-L814FPLNWCVQI	3956	3917
>EGFR-L814FLLNWCVQIA	168	>EGFR-L814FPLNWCVQIA	9463	9295
>EGFR-L814FLLNWCVQI	20	>EGFR-L814FPLNWCVQI	956	936
>EGFR-L814FLLNWCVQIA	58	>EGFR-L814FPLNWCVQIA	3214	3156
>EGFR-L814FLLNWCVQI	12	>EGFR-L814FPLNWCVQI	699	687
>EGFR-L814FLLNWCVQIA	7	>EGFR-L814FPLNWCVQIA	572	565
>EGFR-L814FLLNWCVQI	6	>EGFR-L814FPLNWCVQI	73	67
>EGFR-L814FLLNWCVQIA	40	>EGFR-L814FPLNWCVQIA	1004	964
>EGFR-L814FLLNWCVQI	100	>EGFR-L814FPLNWCVQI	5085	4985
>EGFR-L814FLLNWCVQIA	231	>EGFR-L814FPLNWCVQIA	9631	9400
>EGFR-L814FLLNWCVQI	28	>EGFR-L814FPLNWCVQI	261	233
>EGFR-L814FLLNWCVQIA	98	>EGFR-L814FPLNWCVQIA	991	893
>EGFR-L814FLLNWCVQI	14	>EGFR-L814FPLNWCVQI	141	127
>EGFR-L814FLLNWCVQIA	68	>EGFR-L814FPLNWCVQIA	1290	1222
>EGFR-L814FLLNWCVQI	3	>EGFR-L814FPLNWCVQI	30	27
>EGFR-L814FLLNWCVQIA	4	>EGFR-L814FPLNWCVQIA	72	68
>EGFR-L814FLLNWCVQIAI	494	>EGFR-L814FPLNWCVQIAI	11145	10651
>EGFR-L814FLLNWCVQIAI	42	>EGFR-L814FPLNWCVQIAI	352	310
>EGFR-L814FLLNWCVQIAI	100	>EGFR-L814FPLNWCVQIAI	1243	1143
>EGFR-L814FLLNWCVQIAI	223	>EGFR-L814FPLNWCVQIAI	2771	2548
>EGFR-L814FYLLNWCVQI	34931	>EGFR-L814FYPLNWCVQI	110	34821

>EGFR-L814FYLLNWCVQI	7	>EGFR-L814FYPLNWCVQI	10547	10540
>EGFR-L814FYLLNWCVQI/	19	>EGFR-L814FYPLNWCVQI/	8621	8602
>EGFR-L814FYLLNWCVQI	32	>EGFR-L814FYPLNWCVQI	26772	26740
>EGFR-L814FYLLNWCVQI/	51	>EGFR-L814FYPLNWCVQI/	11378	11327
>EGFR-L814FYLLNWCVQI	21	>EGFR-L814FYPLNWCVQI	16170	16149
>EGFR-L814FYLLNWCVQI/	23	>EGFR-L814FYPLNWCVQI/	10634	10611
>EGFR-L814FYLLNWCVQI	12	>EGFR-L814FYPLNWCVQI	4246	4234
>EGFR-L814FYLLNWCVQI/	57	>EGFR-L814FYPLNWCVQI/	2271	2214
>EGFR-L814FYLLNWCVQ	16	>EGFR-L814FYPLNWCVQ	18750	18734
>EGFR-L814FYLLNWCVQI	1	>EGFR-L814FYPLNWCVQI	1443	1442
>EGFR-L814FYLLNWCVQI/	3	>EGFR-L814FYPLNWCVQI/	6886	6883
>EGFR-L814FYLLNWCVQI/	30	>EGFR-L814FYPLNWCVQI/	21703	21673
>EGFR-L814FYLLNWCVQ	200	>EGFR-L814FYPLNWCVQ	23650	23450
>EGFR-L814FYLLNWCVQI	4	>EGFR-L814FYPLNWCVQI	14318	14314
>EGFR-L814FYLLNWCVQI/	6	>EGFR-L814FYPLNWCVQI/	15076	15070
>EGFR-L814FYLLNWCVQ	24	>EGFR-L814FYPLNWCVQ	19180	19156
>EGFR-L814FYLLNWCVQI	4	>EGFR-L814FYPLNWCVQI	6744	6740
>EGFR-L814FYLLNWCVQI/	6	>EGFR-L814FYPLNWCVQI/	11111	11105
>EGFR-L814FYLLNWCVQ	448	>EGFR-L814FYPLNWCVQ	21322	20874
>EGFR-L814FYLLNWCVQI	2	>EGFR-L814FYPLNWCVQI	9054	9052
>EGFR-L814FYLLNWCVQI/	5	>EGFR-L814FYPLNWCVQI/	13123	13118
>EGFR-L814FYLLNWCVQ	6	>EGFR-L814FYPLNWCVQ	27501	27495
>EGFR-L814FYLLNWCVQI	2	>EGFR-L814FYPLNWCVQI	12792	12790
>EGFR-L814FYLLNWCVQI/	2	>EGFR-L814FYPLNWCVQI/	16648	16646
>EGFR-L814FYLLNWCVQI/	52	>EGFR-L814FYPLNWCVQI/	33274	33222
>EGFR-L814FYLLNWCVQI/	79	>EGFR-L814FYPLNWCVQI/	13244	13165
>EGFR-L814FYLLNWCVQI/	83	>EGFR-L814FYPLNWCVQI/	9849	9766
>EGFR-L814FYLLNWCVQI	46	>EGFR-L814FYPLNWCVQI	297	251
>EGFR-L814FYLLNWCVQI	65	>EGFR-L814FYPLNWCVQI	11545	11480
>EGFR-L814FYLLNWCVQI/	417	>EGFR-L814FYPLNWCVQI/	3102	2685
>EGFR-L814FYLLNWCVQI	22	>EGFR-L814FYPLNWCVQI	65	43
>EGFR-L814FYLLNWCVQI	288	>EGFR-L814FYPLNWCVQI	1652	1364
>EGFR-L814FYLLNWCVQ	14776	>EGFR-L814FYPLNWCVQ	210	14566
>EGFR-L814FYLLNWCVQI	15802	>EGFR-L814FYPLNWCVQI	377	15425
>EGFR-L814FYLLNWCVQI/	13264	>EGFR-L814FYPLNWCVQI/	128	13136
>EGFR-L814FYLLNWCVQI	5057	>EGFR-L814FYPLNWCVQI	436	4621
>EGFR-L814FYLLNWCVQI	12809	>EGFR-L814FYPLNWCVQI	107	12702
>EGFR-L814FYLLNWCVQI	25698	>EGFR-L814FYPLNWCVQI	151	25547
>EGFR-L814FYLLNWCVQ	30571	>EGFR-L814FYPLNWCVQ	361	30210
>EGFR-L814FYLLNWCVQI	23383	>EGFR-L814FYPLNWCVQI	47	23336
>EGFR-L814FYLLNWCVQI/	9523	>EGFR-L814FYPLNWCVQI/	15	9508
>EGFR-L814FYLLNWCVQI/	28612	>EGFR-L814FYPLNWCVQI/	323	28289
>EGFR-L814FYLLNWCVQI	12605	>EGFR-L814FYPLNWCVQI	138	12467

>EGFR-L814F QYLLNWCVQ	106	>EGFR-L814F QYPLNWCVC	2803	2697
>EGFR-L814F QYLLNWCV	681	>EGFR-L814F QYPLNWCV	461	220
>EGFR-L814F QYLLNWCVQ	3391	>EGFR-L814F QYPLNWCVC	467	2924
>EGFR-L814F QYLLNWCV	368	>EGFR-L814F QYPLNWCV	275	93
>EGFR-L814F QYLLNWCVQ	11	>EGFR-L814F QYPLNWCVC	8	3
>EGFR-L814F QYLLNWCVQ	302	>EGFR-L814F QYPLNWCVC	607	305
>EGFR-L814F SQYLLNWCV	52	>EGFR-L814F SQYPLNWCV	79	27
>EGFR-L814F SQYLLNWCV	19	>EGFR-L814F SQYPLNWCV	11	8
>EGFR-L814F SQYLLNWCV	221	>EGFR-L814F SQYPLNWCV	73	148
>EGFR-L814F SQYLLNWCV	85	>EGFR-L814F SQYPLNWCV	27	58
>EGFR-L814F SQYLLNWCV	601	>EGFR-L814F SQYPLNWCV	286	315
>EGFR-L814F SQYLLNWCV	559	>EGFR-L814F SQYPLNWCV	202	357
>EGFR-L814F SQYLLNWCV	570	>EGFR-L814F SQYPLNWCV	261	309
>EGFR-L814F SQYLLNWC	418	>EGFR-L814F SQYPLNWC	65	353
>EGFR-L814F SQYLLNWCV	6	>EGFR-L814F SQYPLNWCV	3	3
>EGFR-L814F SQYLLNWCV	51	>EGFR-L814F SQYPLNWCV	10	41
>EGFR-L814F SQYLLNWCV	30	>EGFR-L814F SQYPLNWCV	7	23
>EGFR-L814F SQYLLNWCV	264	>EGFR-L814F SQYPLNWCV	52	212
>EGFR-L814F SQYLLNWCV	21	>EGFR-L814F SQYPLNWCV	8	13
>EGFR-L814F SQYLLNWCV	10	>EGFR-L814F SQYPLNWCV	6	4
>EGFR-L814F SQYLLNWCV	254	>EGFR-L814F SQYPLNWCV	77	177
>EGFR-L814F SQYLLNWCV	999	>EGFR-L814F SQYPLNWCV	403	596
>EGFR-L814F SQYLLNWCV	375	>EGFR-L814F SQYPLNWCV	26	349
>EGFR-L814F SQYLLNWCV	165	>EGFR-L814F SQYPLNWCV	184	19
>EGFR-L814F SQYLLNWCV	1289	>EGFR-L814F SQYPLNWCV	476	813
>EGFR-L814F SQYLLNWCV	458	>EGFR-L814F SQYPLNWCV	119	339
>EGFR-L814F SQYLLNWCV	161	>EGFR-L814F SQYPLNWCV	64	97
>EGFR-L814F SQYLLNWCV	297	>EGFR-L814F SQYPLNWCV	141	156
>EGFR-L814F SQYLLNWCV	185	>EGFR-L814F SQYPLNWCV	423	238
>EGFR-L814F SQYLLNWCV	502	>EGFR-L814F SQYPLNWCV	103	399
>EGFR-L814F GSQYLLNW	29	>EGFR-L814F GSQYPLNW	19	10
>EGFR-L814F GSQYLLNW	328	>EGFR-L814F GSQYPLNW	314	14
>EGFR-L814F GSQYLLNW	47	>EGFR-L814F GSQYPLNW	60	13
>EGFR-L814F IGSQYLLNW	58	>EGFR-L814F IGSQYPLNW	80	22
>EGFR-L814F IGSQYLLNW	596	>EGFR-L814F IGSQYPLNW	410	186
>EGFR-L814F IGSQYLLNW	523	>EGFR-L814F IGSQYPLNW	381	142
>EGFR-L814F IGSQYLLNW	35	>EGFR-L814F IGSQYPLNW	24	11
>EGFR-L814F NIGSQYLL	248	>EGFR-L814F NIGSQYPL	321	73
>EGFR-L814F NIGSQYLL	2378	>EGFR-L814F NIGSQYPL	438	1940
>EGFR-L814F DNIGSQYLL	620	>EGFR-L814F DNIGSQYPL	148	472
>EGFR-L814F KDNIGSQYLL	329	>EGFR-L814F KDNIGSQYPL	851	522
>EGFR-L814F HKDNIGSQYL	372	>EGFR-L814F HKDNIGSQYF	21313	20941
>EGFR-L814F HKDNIGSQYL	71	>EGFR-L814F HKDNIGSQYF	25	46

>EGFR-L833V LVHRDLAARN	138	>EGFR-L833V VVHRDLAARI	206	68
>EGFR-L833V LVHRDLAARN	542	>EGFR-L833V VVHRDLAARI	443	99
>EGFR-L833V LVHRDLAARN	72	>EGFR-L833V VVHRDLAARI	104	32
>EGFR-L833V LVHRDLAA	291	>EGFR-L833V VVHRDLAA	758	467
>EGFR-L833V LVHRDLAARN	474	>EGFR-L833V VVHRDLAARI	1109	635
>EGFR-L833V LVHRDLAAR	34	>EGFR-L833V VVHRDLAAR	44	10
>EGFR-L833V LVHRDLAAR	174	>EGFR-L833V VVHRDLAAR	417	243
>EGFR-L833V RLVHRDLA	174	>EGFR-L833V RVVHRDLA	3437	3263
>EGFR-L833V RLVHRDLAA	166	>EGFR-L833V RVVHRDLAA	3237	3071
>EGFR-L833V RLVHRDLAA	344	>EGFR-L833V RVVHRDLAA	358	14
>EGFR-L833V RLVHRDLA	452	>EGFR-L833V RVVHRDLA	20103	19651
>EGFR-L833V RLVHRDLAA	2925	>EGFR-L833V RVVHRDLAA	314	2611
>EGFR-L833V RLVHRDLAAF	26	>EGFR-L833V RVVHRDLAAI	22	4
>EGFR-L833V RLVHRDLAAF	1385	>EGFR-L833V RVVHRDLAAI	132	1253
>EGFR-L833V RLVHRDLAAF	136	>EGFR-L833V RVVHRDLAAI	493	357
>EGFR-L833V RLVHRDLAAF	132	>EGFR-L833V RVVHRDLAAI	215	83
>EGFR-L833V RRLVHRDL	220	>EGFR-L833V RRVVHRDL	317	97
>EGFR-L833V RRLVHRDL	45	>EGFR-L833V RRVVHRDL	89	44
>EGFR-L833V RRLVHRDLA	102	>EGFR-L833V RRVVHRDLA	198	96
>EGFR-L833V RRLVHRDLAA	34	>EGFR-L833V RRVVHRDLA/	39	5
>EGFR-L833V RRLVHRDLAA	29	>EGFR-L833V RRVVHRDLA/	48	19
>EGFR-L833V RRLVHRDL	15	>EGFR-L833V RRVVHRDL	15	0
>EGFR-L833V RRLVHRDLA	91	>EGFR-L833V RRVVHRDLA	140	49
>EGFR-L833V RRLVHRDLAA	38	>EGFR-L833V RRVVHRDLA/	68	30
>EGFR-L833V RRLVHRDLAA	224	>EGFR-L833V RRVVHRDLA/	373	149
>EGFR-L833V RRLVHRDL	34	>EGFR-L833V RRVVHRDL	50	16
>EGFR-L833V RRLVHRDLA	57	>EGFR-L833V RRVVHRDLA	116	59
>EGFR-L833V RRLVHRDLAA	72	>EGFR-L833V RRVVHRDLA/	98	26
>EGFR-L833V RRLVHRDLAA	121	>EGFR-L833V RRVVHRDLA/	238	117
>EGFR-L833V DRRLVHRDL	652	>EGFR-L833V DRRVVHRDL	409	243
>EGFR-L833V DRRLVHRDL	505	>EGFR-L833V DRRVVHRDL	435	70
>EGFR-L833V LEDRRLVHRC	355	>EGFR-L833V LEDRRVVHRC	518	163
>EGFR-L833V LEDRRLVHRC	275	>EGFR-L833V LEDRRVVHRC	364	89
>EGFR-L833V YLEDRRLV	188	>EGFR-L833V YLEDRRVV	557	369
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>EGFR-L833V YLEDRRLV	32	>EGFR-L833V YLEDRRVV	71	39
>EGFR-L833V YLEDRRLV	198	>EGFR-L833V YLEDRRVV	483	285
>EGFR-L833V YLEDRRLV	17	>EGFR-L833V YLEDRRVV	16	1
>EGFR-L833V YLEDRRLV	47	>EGFR-L833V YLEDRRVV	31	16
>EGFR-L833V YLEDRRLV	62	>EGFR-L833V YLEDRRVV	81	19
>EGFR-L833V YLEDRRLV	2	>EGFR-L833V YLEDRRVV	2	0
>EGFR-L833V YLEDRRLVHR	418	>EGFR-L833V YLEDRRVVHF	350	68
>EGFR-L833V YLEDRRLVHR	253	>EGFR-L833V YLEDRRVVHF	206	47

>EGFR-L833V YLED RRLVHR	229	>EGFR-L833V YLED RRVVHF	371	142
>EGFR-L833V YLED RRLVHR	420	>EGFR-L833V YLED RRVVHF	739	319
>EGFR-L833V YLED RRLVHR	93	>EGFR-L833V YLED RRVVHF	83	10
>EGFR-L833V YLED RRLVHR	162	>EGFR-L833V YLED RRVVHF	133	29
>EGFR-L833V NYLED RRL	81	>EGFR-L833V NYLED RRV	2042	1961
>EGFR-L833V NYLED RRLVH	159	>EGFR-L833V NYLED RRVVH	225	66
>EGFR-L833V NYLED RRLVH	17	>EGFR-L833V NYLED RRVVH	23	6
>EGFR-L833V NYLED RRLVH	26	>EGFR-L833V NYLED RRVVH	26	0
>EGFR-L833V GMNYLED RR	308	>EGFR-L833V GMNYLED RR	324	16
>EGFR-L833V GMNYLED RR	54	>EGFR-L833V GMNYLED RR	223	169
>EGFR-L833V GMNYLED RR	42	>EGFR-L833V GMNYLED RR	87	45
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>EGFR-L833V GMNYLED RR	95	>EGFR-L833V GMNYLED RR	64	31
>EGFR-L833V GMNYLED RR	1329	>EGFR-L833V GMNYLED RR	70	1259
>EGFR-L833V GMNYLED RR	75	>EGFR-L833V GMNYLED RR	101	26
>EGFR-L833V GMNYLED RR	1234	>EGFR-L833V GMNYLED RR	50	1184
>EGFR-L833V GMNYLED RR	39	>EGFR-L833V GMNYLED RR	55	16
>EGFR-L838F LAARNVLV	312	>EGFR-L838F PAARNVLV	8407	8095
>EGFR-L838F LAARNVLV	497	>EGFR-L838F PAARNVLV	8184	7687
>EGFR-L838F LAARNVLV	337	>EGFR-L838F PAARNVLV	11425	11088
>EGFR-L838F LAARNVLV	54	>EGFR-L838F PAARNVLV	2500	2446
>EGFR-L838F LAARNVLVK	458	>EGFR-L838F PAARNVLVK	6647	6189
>EGFR-L838F LAARNVLVK	230	>EGFR-L838F PAARNVLVK	3555	3325
>EGFR-L838F LAARNVLVK	398	>EGFR-L838F PAARNVLVK	2673	2275
>EGFR-L838F LAARNVLVK	267	>EGFR-L838F PAARNVLVK	4901	4634
>EGFR-L838F LAARNVLV	119	>EGFR-L838F PAARNVLV	2946	2827
>EGFR-L838F DLAARNVLV	88	>EGFR-L838F DPAARNVLV	26113	26025
>EGFR-L838F DLAARNVLV	340	>EGFR-L838F DPAARNVLV	28772	28432
>EGFR-L838F DLAARNVLV	65	>EGFR-L838F DPAARNVLV	24600	24535
>EGFR-L838F DLAARNVLV	158	>EGFR-L838F DPAARNVLV	24247	24089
>EGFR-L838F DLAARNVL	326	>EGFR-L838F DPAARNVL	36398	36072
>EGFR-L838F DLAARNVLV	17	>EGFR-L838F DPAARNVLV	28395	28378
>EGFR-L838F DLAARNVLVK	382	>EGFR-L838F DPAARNVLVK	13360	12978
>EGFR-L838F DLAARNVLV	64	>EGFR-L838F DPAARNVLV	530	466
>EGFR-L838F DLAARNVLV	334	>EGFR-L838F DPAARNVLV	1278	944
>EGFR-L838F DLAARNVL	11806	>EGFR-L838F DPAARNVL	80	11726
>EGFR-L838F DLAARNVL	3428	>EGFR-L838F DPAARNVL	265	3163
>EGFR-L838F LED RRLVHRC	355	>EGFR-L838F LED RRLVHRC	15512	15157
>EGFR-L838F LED RRLVHRC	275	>EGFR-L838F LED RRLVHRC	13402	13127
>EGFR-L838F RDLAARNVL	377	>EGFR-L838F RDPAARNVL	4127	3750
>EGFR-L838F RDLAARNVL	97	>EGFR-L838F RDPAARNVL	1297	1200



>EGFR-L838F RDLAARNV	187	>EGFR-L838F RDPAARNV	7952	7765
>EGFR-L838F RDLAARNV	210	>EGFR-L838F RDPAARNV	2088	1878
>EGFR-L838F RDLAARNVL	96	>EGFR-L838F RDPAARNVL	904	808
>EGFR-L838F HRDLAARNV	62	>EGFR-L838F HRDPAARNV	140	78
>EGFR-L838F HRDLAARNV	21	>EGFR-L838F HRDPAARNV	15	6
>EGFR-L838F HRDLAARNV	574	>EGFR-L838F HRDPAARNV	296	278
>EGFR-L838F HRDLAARNV	347	>EGFR-L838F HRDPAARNV	633	286
>EGFR-L838F VHRDLAARN	471	>EGFR-L838F VHRDPAARN	797	326
>EGFR-L838F LVHRDLAARN	138	>EGFR-L838F LVHRDPAARN	193	55
>EGFR-L838F LVHRDLAARN	542	>EGFR-L838F LVHRDPAARN	388	154
>EGFR-L838F LVHRDLAARN	72	>EGFR-L838F LVHRDPAARN	80	8
>EGFR-L838F LVHRDLAA	291	>EGFR-L838F LVHRDPAA	192	99
>EGFR-L838F LVHRDLAARN	474	>EGFR-L838F LVHRDPAARN	369	105
>EGFR-L838F LVHRDLAAR	34	>EGFR-L838F LVHRDPAAR	102	68
>EGFR-L838F LVHRDLAAR	174	>EGFR-L838F LVHRDPAAR	172	2
>EGFR-L838F RLVHRDLA	174	>EGFR-L838F RLVHRDPA	99	75
>EGFR-L838F RLVHRDLAA	166	>EGFR-L838F RLVHRDPAA	211	45
>EGFR-L838F RLVHRDLA	1150	>EGFR-L838F RLVHRDPA	308	842
>EGFR-L838F RLVHRDLAA	344	>EGFR-L838F RLVHRDPAA	231	113
>EGFR-L838F RLVHRDLAA	785	>EGFR-L838F RLVHRDPAA	391	394
>EGFR-L838F RLVHRDLA	452	>EGFR-L838F RLVHRDPA	527	75
>EGFR-L838F RLVHRDLAA	796	>EGFR-L838F RLVHRDPAA	204	592
>EGFR-L838F RLVHRDLAAF	26	>EGFR-L838F RLVHRDPAAF	45	19
>EGFR-L838F RLVHRDLAAF	136	>EGFR-L838F RLVHRDPAAF	167	31
>EGFR-L838F RLVHRDLAAF	132	>EGFR-L838F RLVHRDPAAF	122	10
>EGFR-L838F RRLVHRDL	220	>EGFR-L838F RRLVHRDP	4474	4254
>EGFR-L838F RRLVHRDLAA	713	>EGFR-L838F RRLVHRDPA/	400	313
>EGFR-L838F RRLVHRDL	45	>EGFR-L838F RRLVHRDP	1177	1132
>EGFR-L838F RRLVHRDLA	102	>EGFR-L838F RRLVHRDPA	72	30
>EGFR-L838F RRLVHRDLAA	34	>EGFR-L838F RRLVHRDPA/	50	16
>EGFR-L838F RRLVHRDLAA	29	>EGFR-L838F RRLVHRDPA/	33	4
>EGFR-L838F RRLVHRDL	15	>EGFR-L838F RRLVHRDP	244	229
>EGFR-L838F RRLVHRDLA	91	>EGFR-L838F RRLVHRDPA	230	139
>EGFR-L838F RRLVHRDLAA	38	>EGFR-L838F RRLVHRDPA/	127	89
>EGFR-L838F RRLVHRDLAA	224	>EGFR-L838F RRLVHRDPA/	322	98
>EGFR-L838F RRLVHRDL	34	>EGFR-L838F RRLVHRDP	946	912
>EGFR-L838F RRLVHRDLA	57	>EGFR-L838F RRLVHRDPA	250	193
>EGFR-L838F RRLVHRDLAA	72	>EGFR-L838F RRLVHRDPA/	227	155
>EGFR-L838F RRLVHRDLAA	121	>EGFR-L838F RRLVHRDPA/	162	41
>EGFR-L838F RRLVHRDLAA	625	>EGFR-L838F RRLVHRDPA/	375	250
>EGFR-L838V LAARNVLV	312	>EGFR-L838V VAARNVLV	1033	721
>EGFR-L838V LAARNVLV	497	>EGFR-L838V VAARNVLV	772	275
>EGFR-L838V LAARNVLV	337	>EGFR-L838V VAARNVLV	445	108

>EGFR-L838VLAARNVLV	54	>EGFR-L838VVAARNVLV	81	27
>EGFR-L838VLAARNVLVK	458	>EGFR-L838VVAARNVLVK	278	180
>EGFR-L838VLAARNVLVK	230	>EGFR-L838VVAARNVLVK	88	142
>EGFR-L838VLAARNVLVK	398	>EGFR-L838VVAARNVLVK	1098	700
>EGFR-L838VLAARNVLVK	267	>EGFR-L838VVAARNVLVK	698	431
>EGFR-L838VLAARNVLV	119	>EGFR-L838VVAARNVLV	314	195
>EGFR-L838VLAARNVLV	88	>EGFR-L838VDVAARNVLV	2662	2574
>EGFR-L838VLAARNVLV	340	>EGFR-L838VDVAARNVLV	9293	8953
>EGFR-L838VLAARNVLV	65	>EGFR-L838VDVAARNVLV	5802	5737
>EGFR-L838VLAARNVLV	158	>EGFR-L838VDVAARNVLV	7148	6990
>EGFR-L838VLAARNVL	326	>EGFR-L838VDVAARNVL	15035	14709
>EGFR-L838VLAARNVLV	17	>EGFR-L838VDVAARNVLV	742	725
>EGFR-L838VLAARNVLVK	382	>EGFR-L838VDVAARNVLVI	736	354
>EGFR-L838VLAARNVLVK	751	>EGFR-L838VDVAARNVLVI	302	449
>EGFR-L838VLAARNVLVK	745	>EGFR-L838VDVAARNVLVI	75	670
>EGFR-L838VLAARNVL	1188	>EGFR-L838VDVAARNVL	54	1134
>EGFR-L838VLAARNVLV	64	>EGFR-L838VDVAARNVLV	9	55
>EGFR-L838VLAARNVLV	334	>EGFR-L838VDVAARNVLV	52	282
>EGFR-L838VLEDRRLVHRC	355	>EGFR-L838VLEDRRLVHRC	151	204
>EGFR-L838VLEDRRLVHRC	275	>EGFR-L838VLEDRRLVHRC	2365	2090
>EGFR-L838VRLAARNVL	377	>EGFR-L838VRDVAARNVL	1874	1497
>EGFR-L838VRLAARNVL	97	>EGFR-L838VRDVAARNVL	172	75
>EGFR-L838VRLAARNV	187	>EGFR-L838VRDVAARNV	891	704
>EGFR-L838VRLAARNV	210	>EGFR-L838VRDVAARNV	435	225
>EGFR-L838VRLAARNVL	96	>EGFR-L838VRDVAARNVL	182	86
>EGFR-L838VHRDLAARNVI	62	>EGFR-L838VHRDVAARNV	103	41
>EGFR-L838VHRDLAARNVI	21	>EGFR-L838VHRDVAARNV	17	4
>EGFR-L838VHRDLAARNVI	574	>EGFR-L838VHRDVAARNV	426	148
>EGFR-L838VHRDLAARNVI	347	>EGFR-L838VHRDVAARNV	402	55
>EGFR-L838VVRDLAARN'	471	>EGFR-L838VVRDVAARN	431	40
>EGFR-L838VLRDLAARN	138	>EGFR-L838VLRDVAARI	133	5
>EGFR-L838VLRDLAARN	542	>EGFR-L838VLRDVAARI	381	161
>EGFR-L838VLRDLAARN	72	>EGFR-L838VLRDVAARI	66	6
>EGFR-L838VLRDLAA	291	>EGFR-L838VLRDVAA	474	183
>EGFR-L838VLRDLAARN	474	>EGFR-L838VLRDVAARI	447	27
>EGFR-L838VLRDLAAR	34	>EGFR-L838VLRDVAAR	54	20
>EGFR-L838VLRDLAAR	174	>EGFR-L838VLRDVAAR	96	78
>EGFR-L838VRLVHRDLA	174	>EGFR-L838VRLVHRDVA	414	240
>EGFR-L838VRLVHRDLAA	166	>EGFR-L838VRLVHRDVAA	204	38
>EGFR-L838VRLVHRDLAA	344	>EGFR-L838VRLVHRDVAA	258	86
>EGFR-L838VRLVHRDLAA	785	>EGFR-L838VRLVHRDVAA	333	452
>EGFR-L838VRLVHRDLA	452	>EGFR-L838VRLVHRDVA	629	177
>EGFR-L838VRLVHRDLAA	796	>EGFR-L838VRLVHRDVAA	409	387

>EGFR-L838V RLVHRDLAAF	26	>EGFR-L838V RLVHRDVAAI	35	9
>EGFR-L838V RLVHRDLAAF	136	>EGFR-L838V RLVHRDVAAI	116	20
>EGFR-L838V RLVHRDLAAF	132	>EGFR-L838V RLVHRDVAAI	111	21
>EGFR-L838V RRLVHRDL	220	>EGFR-L838V RRLVHRDV	435	215
>EGFR-L838V RRLVHRDLAA	713	>EGFR-L838V RRLVHRDVA/	381	332
>EGFR-L838V RRLVHRDL	45	>EGFR-L838V RRLVHRDV	115	70
>EGFR-L838V RRLVHRDLA	102	>EGFR-L838V RRLVHRDVA	178	76
>EGFR-L838V RRLVHRDLAA	34	>EGFR-L838V RRLVHRDVA/	72	38
>EGFR-L838V RRLVHRDLAA	29	>EGFR-L838V RRLVHRDVA/	30	1
>EGFR-L838V RRLVHRDL	15	>EGFR-L838V RRLVHRDV	58	43
>EGFR-L838V RRLVHRDLA	91	>EGFR-L838V RRLVHRDVA	142	51
>EGFR-L838V RRLVHRDLAA	38	>EGFR-L838V RRLVHRDVA/	126	88
>EGFR-L838V RRLVHRDLAA	224	>EGFR-L838V RRLVHRDVA/	249	25
>EGFR-L838V RRLVHRDL	34	>EGFR-L838V RRLVHRDV	181	147
>EGFR-L838V RRLVHRDLA	57	>EGFR-L838V RRLVHRDVA	172	115
>EGFR-L838V RRLVHRDLAA	72	>EGFR-L838V RRLVHRDVA/	199	127
>EGFR-L838V RRLVHRDLAA	121	>EGFR-L838V RRLVHRDVA/	144	23
>EGFR-L844F LVKTPQHV	262	>EGFR-L844F PVKTPQHV	7478	7216
>EGFR-L844F LVKTPQHV	42	>EGFR-L844F PVKTPQHV	1906	1864
>EGFR-L844F LVKTPQHVK	322	>EGFR-L844F PVKTPQHVK	5010	4688
>EGFR-L844F LVKTPQHVK	207	>EGFR-L844F PVKTPQHVK	2537	2330
>EGFR-L844F LVKTPQHV	173	>EGFR-L844F PVKTPQHV	1475	1302
>EGFR-L844F LVKTPQHVK	15	>EGFR-L844F PVKTPQHVK	73	58
>EGFR-L844F LVKTPQHVKI	126	>EGFR-L844F PVKTPQHVKI	951	825
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>EGFR-L844F VLVKTPQHV	39074	>EGFR-L844F VPVKTPQHV	379	38695
>EGFR-L844F VLVKTPQHVk	36799	>EGFR-L844F VPVKTPQHVl	190	36609
>EGFR-L844F VLVKTPQHV	476	>EGFR-L844F VPVKTPQHV	23615	23139
>EGFR-L844F VLVKTPQHV	215	>EGFR-L844F VPVKTPQHV	31785	31570
>EGFR-L844F VLVKTPQHV	22	>EGFR-L844F VPVKTPQHV	19740	19718
>EGFR-L844F VLVKTPQHVk	269	>EGFR-L844F VPVKTPQHVl	23417	23148
>EGFR-L844F VLVKTPQHV	248	>EGFR-L844F VPVKTPQHV	16873	16625
>EGFR-L844F VLVKTPQHV	3	>EGFR-L844F VPVKTPQHV	12207	12204
>EGFR-L844F VLVKTPQHVk	25	>EGFR-L844F VPVKTPQHVl	23970	23945
>EGFR-L844F VLVKTPQHV	6	>EGFR-L844F VPVKTPQHV	20500	20494
>EGFR-L844F VLVKTPQHVk	241	>EGFR-L844F VPVKTPQHVl	24663	24422
>EGFR-L844F VLVKTPQHV	7	>EGFR-L844F VPVKTPQHV	17006	16999
>EGFR-L844F VLVKTPQHVk	97	>EGFR-L844F VPVKTPQHVl	25281	25184
>EGFR-L844F VLVKTPQHV	30	>EGFR-L844F VPVKTPQHV	23149	23119
>EGFR-L844F VLVKTPQHV	3	>EGFR-L844F VPVKTPQHV	18832	18829
>EGFR-L844F VLVKTPQHVk	26	>EGFR-L844F VPVKTPQHVl	33624	33598
>EGFR-L844F VLVKTPQHVk	415	>EGFR-L844F VPVKTPQHVl	19250	18835

>EGFR-L844F VLVKTPQHV	21264	>EGFR-L844F VPVKTPQHV	221	21043
>EGFR-L844F VLVKTPQHVK	21352	>EGFR-L844F VPVKTPQHVI	211	21141
>EGFR-L844F VLVKTPQHVK	27346	>EGFR-L844F VPVKTPQHVI	350	26996
>EGFR-L844F VHRDLAARN'	471	>EGFR-L844F VHRDLAARN'	22963	22492
>EGFR-L844F NVLVKTPQH\	424	>EGFR-L844F NVPVKTPQH'	2798	2374
>EGFR-L844F NVLVKTPQH\	178	>EGFR-L844F NVPVKTPQH'	2342	2164
>EGFR-L844F NVLVKTPQH\	179	>EGFR-L844F NVPVKTPQH'	4983	4804
>EGFR-L844F NVLVKTPQH\	269	>EGFR-L844F NVPVKTPQH'	563	294
>EGFR-L844F NVLVKTPQH\	225	>EGFR-L844F NVPVKTPQH'	2001	1776
>EGFR-L844F NVLVKTPQH\	318	>EGFR-L844F NVPVKTPQH'	457	139
>EGFR-L844F NVLVKTPQH\	29	>EGFR-L844F NVPVKTPQH'	1024	995
>EGFR-L844F AARNVLVK	338	>EGFR-L844F AARNVPVK	652	314
>EGFR-L844F AARNVLVK	5	>EGFR-L844F AARNVPVK	4	1
>EGFR-L844F AARNVLVKTF	404	>EGFR-L844F AARNVPVKTF	337	67
>EGFR-L844F LAARNVLV	312	>EGFR-L844F LAARNVPV	389	77
>EGFR-L844F LAARNVLV	497	>EGFR-L844F LAARNVPV	290	207
>EGFR-L844F LAARNVLV	337	>EGFR-L844F LAARNVPV	152	185
>EGFR-L844F LAARNVLV	672	>EGFR-L844F LAARNVPV	342	330
>EGFR-L844F LAARNVLV	54	>EGFR-L844F LAARNVPV	49	5
>EGFR-L844F LAARNVLVK	458	>EGFR-L844F LAARNVPVK	1701	1243
>EGFR-L844F LAARNVLVK	230	>EGFR-L844F LAARNVPVK	782	552
>EGFR-L844F LAARNVLVK	398	>EGFR-L844F LAARNVPVK	248	150
>EGFR-L844F LAARNVLVK	267	>EGFR-L844F LAARNVPVK	177	90
>EGFR-L844F LAARNVLV	119	>EGFR-L844F LAARNVPV	51	68
>EGFR-L844F LAARNVLV	1159	>EGFR-L844F LAARNVPV	185	974
>EGFR-L844F DLAARNVLV	88	>EGFR-L844F DLAARNVPV	104	16
>EGFR-L844F DLAARNVLV	559	>EGFR-L844F DLAARNVPV	235	324
>EGFR-L844F DLAARNVLV	340	>EGFR-L844F DLAARNVPV	130	210
>EGFR-L844F DLAARNVLV	1714	>EGFR-L844F DLAARNVPV	464	1250
>EGFR-L844F DLAARNVLV	65	>EGFR-L844F DLAARNVPV	40	25
>EGFR-L844F DLAARNVLV	158	>EGFR-L844F DLAARNVPV	94	64
>EGFR-L844F DLAARNVL	326	>EGFR-L844F DLAARNVP	29363	29037
>EGFR-L844F DLAARNVLV	17	>EGFR-L844F DLAARNVPV	13	4
>EGFR-L844F DLAARNVLVK	382	>EGFR-L844F DLAARNVPVI	1486	1104
>EGFR-L844F DLAARNVLV	64	>EGFR-L844F DLAARNVPV	21	43
>EGFR-L844F DLAARNVLV	334	>EGFR-L844F DLAARNVPV	67	267
>EGFR-L844F RDLAARNVL\	377	>EGFR-L844F RDLAARNVP\	264	113
>EGFR-L844F RDLAARNVL	97	>EGFR-L844F RDLAARNVP	6258	6161
>EGFR-L844F RDLAARNVL\	96	>EGFR-L844F RDLAARNVP\	247	151
>EGFR-L844F HRDLAARNVI	62	>EGFR-L844F HRDLAARNVI	7684	7622
>EGFR-L844F HRDLAARNVI	21	>EGFR-L844F HRDLAARNVI	8090	8069
>EGFR-L844F HRDLAARNVI	574	>EGFR-L844F HRDLAARNVI	140	434
>EGFR-L844F HRDLAARNVI	347	>EGFR-L844F HRDLAARNVI	12609	12262

>EGFR-L858A LAKLLGAE EK	377	>EGFR-L858A AAKLLGAE EK	101	276
>EGFR-L858A GLAKLLGA	216	>EGFR-L858A GAAKLLGA	13252	13036
>EGFR-L858A GLAKLLGA	32	>EGFR-L858A GAAKLLGA	5241	5209
>EGFR-L858A GLAKLLGA	13	>EGFR-L858A GAAKLLGA	1458	1445
>EGFR-L858A GLAKLLGA	235	>EGFR-L858A GAAKLLGA	2453	2218
>EGFR-L858A GLAKLLGA	151	>EGFR-L858A GAAKLLGA	15664	15513
>EGFR-L858A GLAKLLGA	251	>EGFR-L858A GAAKLLGA	18555	18304
>EGFR-L858A GLAKLLGA	44	>EGFR-L858A GAAKLLGA	13103	13059
>EGFR-L858A GLAKLLGA	31	>EGFR-L858A GAAKLLGA	20904	20873
>EGFR-L858A GLAKLLGAEE	347	>EGFR-L858A GAAKLLGAEE	5855	5508
>EGFR-L858A FGLAKLLGA	2872	>EGFR-L858A FGAAKLLGA	420	2452
>EGFR-L858A FGLAKLLGA	123	>EGFR-L858A FGAAKLLGA	296	173
>EGFR-L858A TDFGLAKLL	145	>EGFR-L858A TDFGAAKLL	171	26
>EGFR-L858A TDFGLAKLL	352	>EGFR-L858A TDFGAAKLL	1257	905
>EGFR-L858A TDFGLAKLL	295	>EGFR-L858A TDFGAAKLL	276	19
>EGFR-L858A ITDFGLAK	290	>EGFR-L858A ITDFGAAK	469	179
>EGFR-L858A ITDFGLAK	33	>EGFR-L858A ITDFGAAK	59	26
>EGFR-L858A ITDFGLAK	558	>EGFR-L858A ITDFGAAK	186	372
>EGFR-L858A ITDFGLAKL	6	>EGFR-L858A ITDFGAAKL	4	2
>EGFR-L858A ITDFGLAKLL	15	>EGFR-L858A ITDFGAAKLL	9	6
>EGFR-L858A ITDFGLAKLL	276	>EGFR-L858A ITDFGAAKLL	204	72
>EGFR-L858A ITDFGLAKL	97	>EGFR-L858A ITDFGAAKL	66	31
>EGFR-L858A ITDFGLAK	474	>EGFR-L858A ITDFGAAK	1591	1117
>EGFR-L858A KITDFGLAKL	91	>EGFR-L858A KITDFGAAKL	246	155
>EGFR-L858A KITDFGLAKLL	228	>EGFR-L858A KITDFGAAKLI	164	64
>EGFR-L858A KITDFGLA	348	>EGFR-L858A KITDFGAA	238	110
>EGFR-L858A KITDFGLAKL	81	>EGFR-L858A KITDFGAAKL	401	320
>EGFR-L858A KITDFGLA	117	>EGFR-L858A KITDFGAA	71	46
>EGFR-L858A KITDFGLAKL	432	>EGFR-L858A KITDFGAAKL	3316	2884
>EGFR-L858A KITDFGLAKLL	462	>EGFR-L858A KITDFGAAKLI	422	40
>EGFR-L858A KITDFGLAKL	188	>EGFR-L858A KITDFGAAKL	263	75
>EGFR-L858A KITDFGLAKL	478	>EGFR-L858A KITDFGAAKL	692	214
>EGFR-L858A KITDFGLAKL	29	>EGFR-L858A KITDFGAAKL	31	2
>EGFR-L858A KITDFGLAKLL	183	>EGFR-L858A KITDFGAAKLI	117	66
>EGFR-L858A KITDFGLAK	102	>EGFR-L858A KITDFGAAK	165	63
>EGFR-L858A KITDFGLAK	17	>EGFR-L858A KITDFGAAK	29	12
>EGFR-L858A KITDFGLAK	22	>EGFR-L858A KITDFGAAK	26	4
>EGFR-L858A KITDFGLAK	1216	>EGFR-L858A KITDFGAAK	182	1034
>EGFR-L858A KITDFGLAKL	693	>EGFR-L858A KITDFGAAKL	379	314
>EGFR-L858A KITDFGLAK	98	>EGFR-L858A KITDFGAAK	253	155
>EGFR-L858A VKITDFGL	279	>EGFR-L858A VKITDFGA	3408	3129
>EGFR-L858A VKITDFGLAK	252	>EGFR-L858A VKITDFGAAK	254	2
>EGFR-L858A VKITDFGLAKI	295	>EGFR-L858A VKITDFGAAK	171	124

>EGFR-L858A HVKITDFGLA	276	>EGFR-L858A HVKITDFGAA	549	273
>EGFR-L858A HVKITDFGL	168	>EGFR-L858A HVKITDFGA	52	116
>EGFR-L858A HVKITDFGLA	33	>EGFR-L858A HVKITDFGAA	38	5
>EGFR-L858A HVKITDFGLA	4	>EGFR-L858A HVKITDFGAA	4	0
>EGFR-L858A HVKITDFGLA	201	>EGFR-L858A HVKITDFGAA	57	144
>EGFR-L858A HVKITDFGLA	130	>EGFR-L858A HVKITDFGAA	58	72
>EGFR-L858A HVKITDFGL	328	>EGFR-L858A HVKITDFGA	17433	17105
>EGFR-L858A QHVKITDFGL	380	>EGFR-L858A QHVKITDFGA	22593	22213
>EGFR-L858C LAKLLGAE EK	377	>EGFR-L858C GAKLLGAE EK	702	325
>EGFR-L858C GLAKLLGA	216	>EGFR-L858C GGAKLLGA	21033	20817
>EGFR-L858C GLAKLLGA	32	>EGFR-L858C GGAKLLGA	10837	10805
>EGFR-L858C GLAKLLGA	13	>EGFR-L858C GGAKLLGA	9505	9492
>EGFR-L858C GLAKLLGA	235	>EGFR-L858C GGAKLLGA	13327	13092
>EGFR-L858C GLAKLLGA	151	>EGFR-L858C GGAKLLGA	24024	23873
>EGFR-L858C GLAKLLGA	251	>EGFR-L858C GGAKLLGA	23325	23074
>EGFR-L858C GLAKLLGA	44	>EGFR-L858C GGAKLLGA	18178	18134
>EGFR-L858C GLAKLLGA	31	>EGFR-L858C GGAKLLGA	31683	31652
>EGFR-L858C GLAKLLGAEE	347	>EGFR-L858C GGAKLLGAEE	13618	13271
>EGFR-L858C FGLAKLLGA	123	>EGFR-L858C FGGAKLLGA	3076	2953
>EGFR-L858C TDFGLAKLL	145	>EGFR-L858C TDFGGAKLL	674	529
>EGFR-L858C TDFGLAKLL	352	>EGFR-L858C TDFGGAKLL	1433	1081
>EGFR-L858C TDFGLAKLL	295	>EGFR-L858C TDFGGAKLL	879	584
>EGFR-L858C ITDFGLAK	290	>EGFR-L858C ITDFGGAK	685	395
>EGFR-L858C ITDFGLAK	33	>EGFR-L858C ITDFGGAK	97	64
>EGFR-L858C ITDFGLAKL	6	>EGFR-L858C ITDFGGAKL	6	0
>EGFR-L858C ITDFGLAKLL	15	>EGFR-L858C ITDFGGAKLL	11	4
>EGFR-L858C ITDFGLAKLL	276	>EGFR-L858C ITDFGGAKLL	446	170
>EGFR-L858C ITDFGLAKL	97	>EGFR-L858C ITDFGGAKL	78	19
>EGFR-L858C ITDFGLAK	474	>EGFR-L858C ITDFGGAK	1679	1205
>EGFR-L858C KITDFGLAKL	91	>EGFR-L858C KITDFGGAKL	319	228
>EGFR-L858C KITDFGLAKLL	228	>EGFR-L858C KITDFGGAKLL	420	192
>EGFR-L858C KITDFGLA	348	>EGFR-L858C KITDFGGA	281	67
>EGFR-L858C KITDFGLAKL	81	>EGFR-L858C KITDFGGAKL	478	397
>EGFR-L858C KITDFGLA	117	>EGFR-L858C KITDFGGA	133	16
>EGFR-L858C KITDFGLAKL	432	>EGFR-L858C KITDFGGAKL	1672	1240
>EGFR-L858C KITDFGLAKLL	462	>EGFR-L858C KITDFGGAKLL	932	470
>EGFR-L858C KITDFGLAKL	188	>EGFR-L858C KITDFGGAKL	388	200
>EGFR-L858C KITDFGLAKL	478	>EGFR-L858C KITDFGGAKL	1075	597
>EGFR-L858C KITDFGLAKL	29	>EGFR-L858C KITDFGGAKL	97	68
>EGFR-L858C KITDFGLAKLL	183	>EGFR-L858C KITDFGGAKLL	212	29
>EGFR-L858C KITDFGLAK	102	>EGFR-L858C KITDFGGAK	188	86
>EGFR-L858C KITDFGLAK	17	>EGFR-L858C KITDFGGAK	59	42
>EGFR-L858C KITDFGLAK	22	>EGFR-L858C KITDFGGAK	79	57

>EGFR-L858C KITDFGLAK	98	>EGFR-L858C KITDFGGAK	665	567
>EGFR-L858C VKITDFGL	279	>EGFR-L858C VKITDFGG	13517	13238
>EGFR-L858C VKITDFGLAK	252	>EGFR-L858C VKITDFGGAK	1195	943
>EGFR-L858C VKITDFGLAKI	295	>EGFR-L858C VKITDFGGAK	166	129
>EGFR-L858C HVKITDFGLA	276	>EGFR-L858C HVKITDFGGA	948	672
>EGFR-L858C HVKITDFGL	168	>EGFR-L858C HVKITDFGG	818	650
>EGFR-L858C HVKITDFGLA	33	>EGFR-L858C HVKITDFGGA	91	58
>EGFR-L858C HVKITDFGLA	4	>EGFR-L858C HVKITDFGGA	5	1
>EGFR-L858C HVKITDFGLA	201	>EGFR-L858C HVKITDFGGA	216	15
>EGFR-L858C HVKITDFGLA	130	>EGFR-L858C HVKITDFGGA	113	17
>EGFR-L858C HVKITDFGL	328	>EGFR-L858C HVKITDFGG	19552	19224
>EGFR-L858C QHVKITDFGL	380	>EGFR-L858C QHVKITDFGC	25438	25058
>EGFR-L858K LAKLLGAEK	377	>EGFR-L858K KAKLLGAEK	19	358
>EGFR-L858K GLAKLLGA	216	>EGFR-L858K GKAKLLGA	22581	22365
>EGFR-L858K GLAKLLGA	32	>EGFR-L858K GKAKLLGA	15024	14992
>EGFR-L858K GLAKLLGA	13	>EGFR-L858K GKAKLLGA	9389	9376
>EGFR-L858K GLAKLLGA	235	>EGFR-L858K GKAKLLGA	14112	13877
>EGFR-L858K GLAKLLGA	151	>EGFR-L858K GKAKLLGA	23997	23846
>EGFR-L858K GLAKLLGA	251	>EGFR-L858K GKAKLLGA	21431	21180
>EGFR-L858K GLAKLLGA	44	>EGFR-L858K GKAKLLGA	19582	19538
>EGFR-L858K GLAKLLGA	31	>EGFR-L858K GKAKLLGA	31556	31525
>EGFR-L858K GLAKLLGAEE	347	>EGFR-L858K GKAKLLGAEE	21184	20837
>EGFR-L858K FGLAKLLGA	123	>EGFR-L858K FGKAKLLGA	5021	4898
>EGFR-L858K TDFGLAKLL	145	>EGFR-L858K TDFGKAKLL	416	271
>EGFR-L858K TDFGLAKLL	352	>EGFR-L858K TDFGKAKLL	3085	2733
>EGFR-L858K TDFGLAKLL	295	>EGFR-L858K TDFGKAKLL	451	156
>EGFR-L858K ITDFGLAK	290	>EGFR-L858K ITDFGKAK	1705	1415
>EGFR-L858K ITDFGLAK	33	>EGFR-L858K ITDFGKAK	192	159
>EGFR-L858K ITDFGLAKL	6	>EGFR-L858K ITDFGKAKL	17	11
>EGFR-L858K ITDFGLAKLL	15	>EGFR-L858K ITDFGKAKLL	23	8
>EGFR-L858K ITDFGLAKLL	276	>EGFR-L858K ITDFGKAKLL	986	710
>EGFR-L858K ITDFGLAKL	97	>EGFR-L858K ITDFGKAKL	148	51
>EGFR-L858K ITDFGLAK	474	>EGFR-L858K ITDFGKAK	1427	953
>EGFR-L858K KITDFGLAKL	91	>EGFR-L858K KITDFGKAKL	532	441
>EGFR-L858K KITDFGLAKLL	228	>EGFR-L858K KITDFGKAKLI	543	315
>EGFR-L858K KITDFGLA	348	>EGFR-L858K KITDFGKA	1009	661
>EGFR-L858K KITDFGLAKL	81	>EGFR-L858K KITDFGKAKL	636	555
>EGFR-L858K KITDFGLA	117	>EGFR-L858K KITDFGKA	933	816
>EGFR-L858K KITDFGLAKL	432	>EGFR-L858K KITDFGKAKL	5082	4650
>EGFR-L858K KITDFGLAKLL	462	>EGFR-L858K KITDFGKAKLI	1893	1431
>EGFR-L858K KITDFGLAKL	188	>EGFR-L858K KITDFGKAKL	668	480
>EGFR-L858K KITDFGLAKL	478	>EGFR-L858K KITDFGKAKL	1965	1487
>EGFR-L858K KITDFGLAKL	29	>EGFR-L858K KITDFGKAKL	85	56

>EGFR-L858K KITDFGLAKLL	183	>EGFR-L858K KITDFGKAKLI	322	139
>EGFR-L858K KITDFGLAK	102	>EGFR-L858K KITDFGKAK	685	583
>EGFR-L858K KITDFGLAK	17	>EGFR-L858K KITDFGKAK	142	125
>EGFR-L858K KITDFGLAK	22	>EGFR-L858K KITDFGKAK	105	83
>EGFR-L858K KITDFGLAK	98	>EGFR-L858K KITDFGKAK	277	179
>EGFR-L858K VKITDFGL	279	>EGFR-L858K VKITDFGK	3533	3254
>EGFR-L858K VKITDFGLAK	252	>EGFR-L858K VKITDFGKAK	267	15
>EGFR-L858K VKITDFGLAKI	295	>EGFR-L858K VKITDFGKAKI	366	71
>EGFR-L858K HVKITDFGL	26190	>EGFR-L858K HVKITDFGK	454	25736
>EGFR-L858K HVKITDFGLA	276	>EGFR-L858K HVKITDFGKA	1487	1211
>EGFR-L858K HVKITDFGL	168	>EGFR-L858K HVKITDFGK	6	162
>EGFR-L858K HVKITDFGLA	33	>EGFR-L858K HVKITDFGKA	78	45
>EGFR-L858K HVKITDFGLA	4	>EGFR-L858K HVKITDFGKA	5	1
>EGFR-L858K HVKITDFGL	5459	>EGFR-L858K HVKITDFGK	89	5370
>EGFR-L858K HVKITDFGLA	201	>EGFR-L858K HVKITDFGKA	229	28
>EGFR-L858K HVKITDFGL	15337	>EGFR-L858K HVKITDFGK	27	15310
>EGFR-L858K HVKITDFGLA	130	>EGFR-L858K HVKITDFGKA	251	121
>EGFR-L858K HVKITDFGL	328	>EGFR-L858K HVKITDFGK	21767	21439
>EGFR-L858K QHVKITDFGL	380	>EGFR-L858K QHVKITDFGK	22767	22387
>EGFR-L858M LAKLLGAE EK	377	>EGFR-L858M MAKLLGAE EK	59	318
>EGFR-L858M LAKLLGAE EK	1217	>EGFR-L858M MAKLLGAE EK	138	1079
>EGFR-L858M GLAKLLGA	216	>EGFR-L858M GMAKLLGA	151	65
>EGFR-L858M GLAKLLGA	32	>EGFR-L858M GMAKLLGA	36	4
>EGFR-L858M GLAKLLGA	13	>EGFR-L858M GMAKLLGA	11	2
>EGFR-L858M GLAKLLGA	235	>EGFR-L858M GMAKLLGA	145	90
>EGFR-L858M GLAKLLGA	151	>EGFR-L858M GMAKLLGA	87	64
>EGFR-L858M GLAKLLGA	251	>EGFR-L858M GMAKLLGA	143	108
>EGFR-L858M GLAKLLGA	44	>EGFR-L858M GMAKLLGA	41	3
>EGFR-L858M GLAKLLGA	31	>EGFR-L858M GMAKLLGA	61	30
>EGFR-L858M GLAKLLGAEE	347	>EGFR-L858M GMAKLLGAEE	284	63
>EGFR-L858M GLAKLLGAEE	630	>EGFR-L858M GMAKLLGAEE	135	495
>EGFR-L858M FGLAKLLGA	2872	>EGFR-L858M FGMAKLLGA	264	2608
>EGFR-L858M FGLAKLLGA	123	>EGFR-L858M FGMAKLLGA	55	68
>EGFR-L858M TDFGLAKLL	145	>EGFR-L858M TDFGMAKLL	121	24
>EGFR-L858M TDFGLAKLL	352	>EGFR-L858M TDFGMAKLL	311	41
>EGFR-L858M TDFGLAKLL	295	>EGFR-L858M TDFGMAKLL	271	24
>EGFR-L858M ITDFGLAK	290	>EGFR-L858M ITDFGMAK	199	91
>EGFR-L858M ITDFGLAK	33	>EGFR-L858M ITDFGMAK	25	8
>EGFR-L858M ITDFGLAK	558	>EGFR-L858M ITDFGMAK	258	300
>EGFR-L858M ITDFGLAKL	732	>EGFR-L858M ITDFGMAKL	467	265
>EGFR-L858M ITDFGLAKL	6	>EGFR-L858M ITDFGMAKL	4	2
>EGFR-L858M ITDFGLAKLL	15	>EGFR-L858M ITDFGMAKLL	9	6
>EGFR-L858M ITDFGLAKL	748	>EGFR-L858M ITDFGMAKL	440	308



>EGFR-L858M ITDFGLAKLL	276	>EGFR-L858M ITDFGMAKLL	217	59
>EGFR-L858M ITDFGLAKL	97	>EGFR-L858M ITDFGMAKL	59	38
>EGFR-L858M ITDFGLAK	474	>EGFR-L858M ITDFGMAK	367	107
>EGFR-L858M KITDFGLAKL	91	>EGFR-L858M KITDFGMAKL	148	57
>EGFR-L858M KITDFGLAKLL	228	>EGFR-L858M KITDFGMAKL	241	13
>EGFR-L858M KITDFGLA	348	>EGFR-L858M KITDFGMA	411	63
>EGFR-L858M KITDFGLAKL	81	>EGFR-L858M KITDFGMAKL	153	72
>EGFR-L858M KITDFGLA	117	>EGFR-L858M KITDFGMA	208	91
>EGFR-L858M KITDFGLAKL	432	>EGFR-L858M KITDFGMAKL	1319	887
>EGFR-L858M KITDFGLAKLL	462	>EGFR-L858M KITDFGMAKL	557	95
>EGFR-L858M KITDFGLAKL	188	>EGFR-L858M KITDFGMAKL	288	100
>EGFR-L858M KITDFGLAKL	478	>EGFR-L858M KITDFGMAKL	659	181
>EGFR-L858M KITDFGLAKL	29	>EGFR-L858M KITDFGMAKL	34	5
>EGFR-L858M KITDFGLAKLL	183	>EGFR-L858M KITDFGMAKL	111	72
>EGFR-L858M KITDFGLAK	102	>EGFR-L858M KITDFGMAK	74	28
>EGFR-L858M KITDFGLAK	17	>EGFR-L858M KITDFGMAK	13	4
>EGFR-L858M KITDFGLAK	22	>EGFR-L858M KITDFGMAK	14	8
>EGFR-L858M KITDFGLAKL	693	>EGFR-L858M KITDFGMAKL	444	249
>EGFR-L858M KITDFGLAK	98	>EGFR-L858M KITDFGMAK	124	26
>EGFR-L858M VKITDFGL	279	>EGFR-L858M VKITDFGM	173	106
>EGFR-L858M VKITDFGLAK	252	>EGFR-L858M VKITDFGMAK	153	99
>EGFR-L858M VKITDFGLAKI	295	>EGFR-L858M VKITDFGMAK	250	45
>EGFR-L858M HVKITDFGLA	520	>EGFR-L858M HVKITDFGM/	414	106
>EGFR-L858M HVKITDFGLA	276	>EGFR-L858M HVKITDFGM/	216	60
>EGFR-L858M HVKITDFGL	168	>EGFR-L858M HVKITDFGM	168	0
>EGFR-L858M HVKITDFGLA	33	>EGFR-L858M HVKITDFGM/	64	31
>EGFR-L858M HVKITDFGLA	4	>EGFR-L858M HVKITDFGM/	4	0
>EGFR-L858M HVKITDFGLA	201	>EGFR-L858M HVKITDFGM/	113	88
>EGFR-L858M HVKITDFGLA	130	>EGFR-L858M HVKITDFGM/	60	70
>EGFR-L858M HVKITDFGL	328	>EGFR-L858M HVKITDFGM	182	146
>EGFR-L858M QHVKITDFGL	380	>EGFR-L858M QHVKITDFGM	1948	1568
>EGFR-L858F LAKLLGAE EK	377	>EGFR-L858F PAKLLGAE EK	2194	1817
>EGFR-L858F GLAKLLGA	216	>EGFR-L858F GPAKLLGA	23300	23084
>EGFR-L858F GLAKLLGA	32	>EGFR-L858F GPAKLLGA	26666	26634
>EGFR-L858F GLAKLLGA	13	>EGFR-L858F GPAKLLGA	15683	15670
>EGFR-L858F GLAKLLGA	235	>EGFR-L858F GPAKLLGA	22568	22333
>EGFR-L858F GLAKLLGA	151	>EGFR-L858F GPAKLLGA	28047	27896
>EGFR-L858F GLAKLLGA	251	>EGFR-L858F GPAKLLGA	23389	23138
>EGFR-L858F GLAKLLGA	44	>EGFR-L858F GPAKLLGA	23573	23529
>EGFR-L858F GLAKLLGA	31	>EGFR-L858F GPAKLLGA	35064	35033
>EGFR-L858F GLAKLLGAEE	347	>EGFR-L858F GPAKLLGAEE	19621	19274
>EGFR-L858F FGLAKLLGA	24936	>EGFR-L858F FGPAKLLGA	247	24689
>EGFR-L858F FGLAKLLGAE	25588	>EGFR-L858F FGPAKLLGAE	252	25336

>EGFR-L858F FGLAKLLGAE	26272	>EGFR-L858F FGPAKLLGAE	350	25922
>EGFR-L858F FGLAKLLGA	123	>EGFR-L858F FGPAKLLGA	918	795
>EGFR-L858F TDFGLAKLL	145	>EGFR-L858F TDFGPAKLL	3063	2918
>EGFR-L858F TDFGLAKLL	352	>EGFR-L858F TDFGPAKLL	4457	4105
>EGFR-L858F TDFGLAKLL	295	>EGFR-L858F TDFGPAKLL	712	417
>EGFR-L858F ITDFGLAK	290	>EGFR-L858F ITDFGPAK	532	242
>EGFR-L858F ITDFGLAK	33	>EGFR-L858F ITDFGPAK	53	20
>EGFR-L858F ITDFGLAKL	6	>EGFR-L858F ITDFGPAKL	7	1
>EGFR-L858F ITDFGLAKLL	15	>EGFR-L858F ITDFGPAKLL	13	2
>EGFR-L858F ITDFGLAKLL	276	>EGFR-L858F ITDFGPAKLL	349	73
>EGFR-L858F ITDFGLAKL	97	>EGFR-L858F ITDFGPAKL	226	129
>EGFR-L858F ITDFGLAK	474	>EGFR-L858F ITDFGPAK	687	213
>EGFR-L858F ITDFGLAKLL	613	>EGFR-L858F ITDFGPAKLL	389	224
>EGFR-L858F KITDFGLAKL	91	>EGFR-L858F KITDFGPAKL	176	85
>EGFR-L858F KITDFGLAKLL	228	>EGFR-L858F KITDFGPAKLL	425	197
>EGFR-L858F KITDFGLA	348	>EGFR-L858F KITDFGPA	207	141
>EGFR-L858F KITDFGLAKL	81	>EGFR-L858F KITDFGPAKL	119	38
>EGFR-L858F KITDFGLA	117	>EGFR-L858F KITDFGPA	48	69
>EGFR-L858F KITDFGLAKL	432	>EGFR-L858F KITDFGPAKL	1807	1375
>EGFR-L858F KITDFGLAKLL	462	>EGFR-L858F KITDFGPAKLL	491	29
>EGFR-L858F KITDFGLAKL	188	>EGFR-L858F KITDFGPAKL	140	48
>EGFR-L858F KITDFGLAKL	478	>EGFR-L858F KITDFGPAKL	342	136
>EGFR-L858F KITDFGLAKL	29	>EGFR-L858F KITDFGPAKL	33	4
>EGFR-L858F KITDFGLAKLL	183	>EGFR-L858F KITDFGPAKLL	114	69
>EGFR-L858F KITDFGLAK	102	>EGFR-L858F KITDFGPAK	202	100
>EGFR-L858F KITDFGLAK	17	>EGFR-L858F KITDFGPAK	29	12
>EGFR-L858F KITDFGLAK	22	>EGFR-L858F KITDFGPAK	15	7
>EGFR-L858F KITDFGLAKL	1056	>EGFR-L858F KITDFGPAKL	349	707
>EGFR-L858F KITDFGLAK	98	>EGFR-L858F KITDFGPAK	416	318
>EGFR-L858F VKITDFGL	279	>EGFR-L858F VKITDFGP	7742	7463
>EGFR-L858F VKITDFGLAK	252	>EGFR-L858F VKITDFGPAK	243	9
>EGFR-L858F VKITDFGLAKI	295	>EGFR-L858F VKITDFGPAKI	137	158
>EGFR-L858F HVKITDFGLA	276	>EGFR-L858F HVKITDFGPA	517	241
>EGFR-L858F HVKITDFGL	168	>EGFR-L858F HVKITDFGP	2112	1944
>EGFR-L858F HVKITDFGLA	33	>EGFR-L858F HVKITDFGPA	19	14
>EGFR-L858F HVKITDFGLA	4	>EGFR-L858F HVKITDFGPA	4	0
>EGFR-L858F HVKITDFGLA	201	>EGFR-L858F HVKITDFGPA	134	67
>EGFR-L858F HVKITDFGLA	130	>EGFR-L858F HVKITDFGPA	93	37
>EGFR-L858F HVKITDFGL	328	>EGFR-L858F HVKITDFGP	23213	22885
>EGFR-L858F QHVKITDFGL	380	>EGFR-L858F QHVKITDFGP	24723	24343
>EGFR-L858C LAKLLGAE EK	377	>EGFR-L858C QAKLLGAE EK	516	139
>EGFR-L858C GLAKLLGA	216	>EGFR-L858C GQAKLLGA	3651	3435
>EGFR-L858C GLAKLLGA	32	>EGFR-L858C GQAKLLGA	1494	1462

>EGFR-L858C GLAKLLGA	13	>EGFR-L858C GQAKLLGA	205	192
>EGFR-L858C GLAKLLGA	235	>EGFR-L858C GQAKLLGA	74	161
>EGFR-L858C GLAKLLGA	151	>EGFR-L858C GQAKLLGA	9679	9528
>EGFR-L858C GLAKLLGA	251	>EGFR-L858C GQAKLLGA	8212	7961
>EGFR-L858C GLAKLLGA	44	>EGFR-L858C GQAKLLGA	5672	5628
>EGFR-L858C GLAKLLGA	31	>EGFR-L858C GQAKLLGA	25943	25912
>EGFR-L858C GLAKLLGAEE	347	>EGFR-L858C GQAKLLGAEE	4703	4356
>EGFR-L858C FGLAKLLGA	123	>EGFR-L858C FGQAKLLGA	1855	1732
>EGFR-L858C TDFGLAKLL	145	>EGFR-L858C TDFGQAKLL	229	84
>EGFR-L858C TDFGLAKLL	352	>EGFR-L858C TDFGQAKLL	1497	1145
>EGFR-L858C TDFGLAKLL	295	>EGFR-L858C TDFGQAKLL	197	98
>EGFR-L858C ITDFGLAK	290	>EGFR-L858C ITDFGQAK	948	658
>EGFR-L858C ITDFGLAK	33	>EGFR-L858C ITDFGQAK	108	75
>EGFR-L858C ITDFGLAK	558	>EGFR-L858C ITDFGQAK	467	91
>EGFR-L858C ITDFGLAKL	6	>EGFR-L858C ITDFGQAKL	9	3
>EGFR-L858C ITDFGLAKLL	15	>EGFR-L858C ITDFGQAKLL	16	1
>EGFR-L858C ITDFGLAKLL	276	>EGFR-L858C ITDFGQAKLL	670	394
>EGFR-L858C ITDFGLAKL	97	>EGFR-L858C ITDFGQAKL	181	84
>EGFR-L858C ITDFGLAK	474	>EGFR-L858C ITDFGQAK	1722	1248
>EGFR-L858C KITDFGLAKL	91	>EGFR-L858C KITDFGQAKL	321	230
>EGFR-L858C KITDFGLAKLL	228	>EGFR-L858C KITDFGQAKL	256	28
>EGFR-L858C KITDFGLA	348	>EGFR-L858C KITDFGQA	499	151
>EGFR-L858C KITDFGLAKL	81	>EGFR-L858C KITDFGQAKL	853	772
>EGFR-L858C KITDFGLA	117	>EGFR-L858C KITDFGQA	311	194
>EGFR-L858C KITDFGLAKL	432	>EGFR-L858C KITDFGQAKL	4934	4502
>EGFR-L858C KITDFGLAKLL	462	>EGFR-L858C KITDFGQAKL	749	287
>EGFR-L858C KITDFGLAKL	188	>EGFR-L858C KITDFGQAKL	298	110
>EGFR-L858C KITDFGLAKL	478	>EGFR-L858C KITDFGQAKL	649	171
>EGFR-L858C KITDFGLA	751	>EGFR-L858C KITDFGQA	344	407
>EGFR-L858C KITDFGLAKL	29	>EGFR-L858C KITDFGQAKL	24	5
>EGFR-L858C KITDFGLAKLL	183	>EGFR-L858C KITDFGQAKL	113	70
>EGFR-L858C KITDFGLAK	102	>EGFR-L858C KITDFGQAK	434	332
>EGFR-L858C KITDFGLAK	17	>EGFR-L858C KITDFGQAK	69	52
>EGFR-L858C KITDFGLAK	22	>EGFR-L858C KITDFGQAK	40	18
>EGFR-L858C KITDFGLAK	98	>EGFR-L858C KITDFGQAK	395	297
>EGFR-L858C VKITDFGL	279	>EGFR-L858C VKITDFGQ	6461	6182
>EGFR-L858C VKITDFGLAK	252	>EGFR-L858C VKITDFGQAK	185	67
>EGFR-L858C VKITDFGLAKI	295	>EGFR-L858C VKITDFGQAK	242	53
>EGFR-L858C HVKITDFGLA	276	>EGFR-L858C HVKITDFGQA	1012	736
>EGFR-L858C HVKITDFGL	168	>EGFR-L858C HVKITDFGQ	804	636
>EGFR-L858C HVKITDFGLA	33	>EGFR-L858C HVKITDFGQA	57	24
>EGFR-L858C HVKITDFGLA	4	>EGFR-L858C HVKITDFGQA	5	1
>EGFR-L858C HVKITDFGLA	201	>EGFR-L858C HVKITDFGQA	142	59

>EGFR-L858C HVKITDFGLA	130	>EGFR-L858C HVKITDFGQA	148	18
>EGFR-L858C HVKITDFGL	328	>EGFR-L858C HVKITDFGQ	16570	16242
>EGFR-L858C QHVKITDFGL	380	>EGFR-L858C QHVKITDFGC	22044	21664
>EGFR-L858F LAKLLGAE EK	377	>EGFR-L858F RAKLLGAE EK	17	360
>EGFR-L858F GLAKLLGA	216	>EGFR-L858F GRAKLLGA	23088	22872
>EGFR-L858F GLAKLLGA	32	>EGFR-L858F GRAKLLGA	20419	20387
>EGFR-L858F GLAKLLGA	13	>EGFR-L858F GRAKLLGA	13769	13756
>EGFR-L858F GLAKLLGA	235	>EGFR-L858F GRAKLLGA	22116	21881
>EGFR-L858F GLAKLLGA	151	>EGFR-L858F GRAKLLGA	26664	26513
>EGFR-L858F GLAKLLGA	251	>EGFR-L858F GRAKLLGA	22958	22707
>EGFR-L858F GLAKLLGA	44	>EGFR-L858F GRAKLLGA	21974	21930
>EGFR-L858F GLAKLLGA	31	>EGFR-L858F GRAKLLGA	32462	32431
>EGFR-L858F GLAKLLGAEE	347	>EGFR-L858F GRAKLLGAEE	21542	21195
>EGFR-L858F GLAKLLGA	20047	>EGFR-L858F GRAKLLGA	406	19641
>EGFR-L858F GLAKLLGAEE	18128	>EGFR-L858F GRAKLLGAEE	125	18003
>EGFR-L858F GLAKLLGAEE	17913	>EGFR-L858F GRAKLLGAEE	213	17700
>EGFR-L858F FGLAKLLGA	123	>EGFR-L858F FGRAKLLGA	5912	5789
>EGFR-L858F TDFGLAKLL	145	>EGFR-L858F TDFGRAKLL	153	8
>EGFR-L858F TDFGLAKLL	352	>EGFR-L858F TDFGRAKLL	3449	3097
>EGFR-L858F TDFGLAKLL	295	>EGFR-L858F TDFGRAKLL	338	43
>EGFR-L858F ITDFGLAK	290	>EGFR-L858F ITDFGRAK	888	598
>EGFR-L858F ITDFGLAK	33	>EGFR-L858F ITDFGRAK	127	94
>EGFR-L858F ITDFGLAKL	6	>EGFR-L858F ITDFGRAKL	16	10
>EGFR-L858F ITDFGLAKLL	15	>EGFR-L858F ITDFGRAKLL	22	7
>EGFR-L858F ITDFGLAKLL	276	>EGFR-L858F ITDFGRAKLL	583	307
>EGFR-L858F ITDFGLAKL	97	>EGFR-L858F ITDFGRAKL	152	55
>EGFR-L858F ITDFGLAK	474	>EGFR-L858F ITDFGRAK	1696	1222
>EGFR-L858F KITDFGLAKL	91	>EGFR-L858F KITDFGRAKL	317	226
>EGFR-L858F KITDFGLAKLL	228	>EGFR-L858F KITDFGRAKLI	524	296
>EGFR-L858F KITDFGLA	348	>EGFR-L858F KITDFGRA	865	517
>EGFR-L858F KITDFGLAKL	81	>EGFR-L858F KITDFGRAKL	474	393
>EGFR-L858F KITDFGLA	117	>EGFR-L858F KITDFGRA	764	647
>EGFR-L858F KITDFGLAKL	432	>EGFR-L858F KITDFGRAKL	3394	2962
>EGFR-L858F KITDFGLAKLL	462	>EGFR-L858F KITDFGRAKLI	1544	1082
>EGFR-L858F KITDFGLAKL	188	>EGFR-L858F KITDFGRAKL	1012	824
>EGFR-L858F KITDFGLAKL	478	>EGFR-L858F KITDFGRAKL	2964	2486
>EGFR-L858F KITDFGLAKL	29	>EGFR-L858F KITDFGRAKL	100	71
>EGFR-L858F KITDFGLAKLL	183	>EGFR-L858F KITDFGRAKLI	358	175
>EGFR-L858F KITDFGLAK	102	>EGFR-L858F KITDFGRAK	365	263
>EGFR-L858F KITDFGLAK	17	>EGFR-L858F KITDFGRAK	100	83
>EGFR-L858F KITDFGLAK	22	>EGFR-L858F KITDFGRAK	53	31
>EGFR-L858F KITDFGLAK	98	>EGFR-L858F KITDFGRAK	715	617
>EGFR-L858F VKITDFGL	279	>EGFR-L858F VKITDFGR	2936	2657

>EGFR-L858FVKITDFGLAK	252	>EGFR-L858FVKITDFGRAK	441	189
>EGFR-L858FVKITDFGLAKI	295	>EGFR-L858FVKITDFGRAK	263	32
>EGFR-L858FHVKITDFGLA	276	>EGFR-L858FHVKITDFGRA	1351	1075
>EGFR-L858FHVKITDFGL	168	>EGFR-L858FHVKITDFGR	274	106
>EGFR-L858FHVKITDFGLA	33	>EGFR-L858FHVKITDFGRA	77	44
>EGFR-L858FHVKITDFGLA	4	>EGFR-L858FHVKITDFGRA	5	1
>EGFR-L858FHVKITDFGL	5459	>EGFR-L858FHVKITDFGR	11	5448
>EGFR-L858FHVKITDFGLA	201	>EGFR-L858FHVKITDFGRA	185	16
>EGFR-L858FHVKITDFGL	14976	>EGFR-L858FHVKITDFGR	44	14932
>EGFR-L858FHVKITDFGL	15337	>EGFR-L858FHVKITDFGR	11	15326
>EGFR-L858FHVKITDFGLA	130	>EGFR-L858FHVKITDFGRA	208	78
>EGFR-L858FHVKITDFGL	328	>EGFR-L858FHVKITDFGR	19514	19186
>EGFR-L858FHVKITDFGL	30432	>EGFR-L858FHVKITDFGR	107	30325
>EGFR-L858FQHVKITDFGL	380	>EGFR-L858FQHVKITDFGR	21954	21574
>EGFR-L858FQHVKITDFGL	29083	>EGFR-L858FQHVKITDFGR	111	28972
>EGFR-L858VLAKLLGAE EK	377	>EGFR-L858VWAKLLGAE EK	4560	4183
>EGFR-L858VGLAKLLGA	216	>EGFR-L858VWAKLLGA	20398	20182
>EGFR-L858VGLAKLLGA	32	>EGFR-L858VWAKLLGA	5703	5671
>EGFR-L858VGLAKLLGA	13	>EGFR-L858VWAKLLGA	10706	10693
>EGFR-L858VGLAKLLGA	235	>EGFR-L858VWAKLLGA	9473	9238
>EGFR-L858VGLAKLLGA	151	>EGFR-L858VWAKLLGA	25028	24877
>EGFR-L858VGLAKLLGA	251	>EGFR-L858VWAKLLGA	21543	21292
>EGFR-L858VGLAKLLGA	44	>EGFR-L858VWAKLLGA	20245	20201
>EGFR-L858VGLAKLLGA	31	>EGFR-L858VWAKLLGA	32489	32458
>EGFR-L858VGLAKLLGAEE	347	>EGFR-L858VWAKLLGAE	19357	19010
>EGFR-L858VFGWAKLLGA	123	>EGFR-L858VFGWAKLLGA	267	144
>EGFR-L858VDFGLAKLLGA	969	>EGFR-L858VDFGWAKLLG	472	497
>EGFR-L858VTDFGLAKLL	145	>EGFR-L858VTDFGWAKLL	193	48
>EGFR-L858VTDFGLAKLL	352	>EGFR-L858VTDFGWAKLL	1322	970
>EGFR-L858VTDFGLAKLL	295	>EGFR-L858VTDFGWAKLL	511	216
>EGFR-L858VITDFGLAK	290	>EGFR-L858VITDFGWAK	905	615
>EGFR-L858VITDFGLAK	33	>EGFR-L858VITDFGWAK	40	7
>EGFR-L858VITDFGLAK	558	>EGFR-L858VITDFGWAK	345	213
>EGFR-L858VITDFGLAKL	6	>EGFR-L858VITDFGWAKL	7	1
>EGFR-L858VITDFGLAKLL	15	>EGFR-L858VITDFGWAKLL	14	1
>EGFR-L858VITDFGLAKLL	276	>EGFR-L858VITDFGWAKLL	388	112
>EGFR-L858VITDFGLAKL	97	>EGFR-L858VITDFGWAKL	148	51
>EGFR-L858VITDFGLAK	474	>EGFR-L858VITDFGWAK	332	142
>EGFR-L858VITDFGLAKLL	613	>EGFR-L858VITDFGWAKLL	288	325
>EGFR-L858VKITDFGLAKL	91	>EGFR-L858VKITDFGWAKL	284	193
>EGFR-L858VKITDFGLAKLL	228	>EGFR-L858VKITDFGWAKL	139	89
>EGFR-L858VKITDFGLA	348	>EGFR-L858VKITDFGWA	315	33
>EGFR-L858VKITDFGLAKL	81	>EGFR-L858VKITDFGWAKL	287	206

>EGFR-L858V KITDFGLA	117	>EGFR-L858V KITDFGWA	83	34
>EGFR-L858V KITDFGLAKL	432	>EGFR-L858V KITDFGWAKL	2340	1908
>EGFR-L858V KITDFGLAKLL	462	>EGFR-L858V KITDFGWAKL	167	295
>EGFR-L858V KITDFGLAKL	188	>EGFR-L858V KITDFGWAKL	94	94
>EGFR-L858V KITDFGLAKLL	810	>EGFR-L858V KITDFGWAKL	153	657
>EGFR-L858V KITDFGLAKL	478	>EGFR-L858V KITDFGWAKL	161	317
>EGFR-L858V KITDFGLA	751	>EGFR-L858V KITDFGWA	204	547
>EGFR-L858V KITDFGLAKL	29	>EGFR-L858V KITDFGWAKL	24	5
>EGFR-L858V KITDFGLAKLL	183	>EGFR-L858V KITDFGWAKL	32	151
>EGFR-L858V KITDFGLAK	102	>EGFR-L858V KITDFGWAK	306	204
>EGFR-L858V KITDFGLAK	17	>EGFR-L858V KITDFGWAK	15	2
>EGFR-L858V KITDFGLAK	22	>EGFR-L858V KITDFGWAK	103	81
>EGFR-L858V KITDFGLAK	1216	>EGFR-L858V KITDFGWAK	153	1063
>EGFR-L858V KITDFGLAK	98	>EGFR-L858V KITDFGWAK	44	54
>EGFR-L858V VKITDFGL	279	>EGFR-L858V VKITDFGW	1131	852
>EGFR-L858V VKITDFGLAK	252	>EGFR-L858V VKITDFGWAK	412	160
>EGFR-L858V VKITDFGLAKI	295	>EGFR-L858V VKITDFGWAK	342	47
>EGFR-L858V VKITDFGL	26047	>EGFR-L858V VKITDFGW	335	25712
>EGFR-L858V HVKITDFGLA	276	>EGFR-L858V HVKITDFGW	304	28
>EGFR-L858V HVKITDFGL	168	>EGFR-L858V HVKITDFGW	5020	4852
>EGFR-L858V HVKITDFGLA	33	>EGFR-L858V HVKITDFGW	79	46
>EGFR-L858V HVKITDFGLA	4	>EGFR-L858V HVKITDFGW	5	1
>EGFR-L858V HVKITDFGLA	201	>EGFR-L858V HVKITDFGW	57	144
>EGFR-L858V HVKITDFGLA	1803	>EGFR-L858V HVKITDFGW	366	1437
>EGFR-L858V HVKITDFGLA	130	>EGFR-L858V HVKITDFGW	59	71
>EGFR-L858V HVKITDFGL	328	>EGFR-L858V HVKITDFGW	35	293
>EGFR-L858V HVKITDFGL	18419	>EGFR-L858V HVKITDFGW	168	18251
>EGFR-L858V HVKITDFGL	17255	>EGFR-L858V HVKITDFGW	104	17151
>EGFR-L858V QHVKITDFGL	380	>EGFR-L858V QHVKITDFGV	18182	17802
>EGFR-L858V QHVKITDFGL	19659	>EGFR-L858V QHVKITDFGV	273	19386
>EGFR-L861F LLGAEKEYH	1255	>EGFR-L861F FLGAEKEYH	122	1133
>EGFR-L861F LLGAEKEYH	248	>EGFR-L861F FLGAEKEYH	19	229
>EGFR-L861F LLGAEKEYH	2439	>EGFR-L861F FLGAEKEYH	196	2243
>EGFR-L861F LLGAEKEYH	4990	>EGFR-L861F FLGAEKEYH	477	4513
>EGFR-L861F LLGAEKEYH	181	>EGFR-L861F FLGAEKEYH	24	157
>EGFR-L861F LLGAEKEYH	186	>EGFR-L861F FLGAEKEYH	32	154
>EGFR-L861F LLGAEKEYH	194	>EGFR-L861F FLGAEKEYH	29	165
>EGFR-L861F LLGAEKEYH	1976	>EGFR-L861F FLGAEKEYH	252	1724
>EGFR-L861F LLGAEKEYH	24	>EGFR-L861F FLGAEKEYH	7	17
>EGFR-L861F LLGAEKEY	778	>EGFR-L861F FLGAEKEY	347	431
>EGFR-L861F LLGAEKEY	2223	>EGFR-L861F FLGAEKEY	292	1931
>EGFR-L861F KLLGAEK	169	>EGFR-L861F KFLGAEK	7923	7754
>EGFR-L861F KLLGAEK	322	>EGFR-L861F KFLGAEK	3947	3625

>EGFR-L861F KLLGAE EK	623	>EGFR-L861F KFLGAE EK	323	300
>EGFR-L861F VKITDFGLAKI	295	>EGFR-L861F VKITDFGLAKI	12	283
>EGFR-L861F AKLLGAE EKE'	23	>EGFR-L861F AKFLGAE EKE'	7	16
>EGFR-L861F LAKLLGAE EK	377	>EGFR-L861F LAKFLGAE EK	215	162
>EGFR-L861F LAKLLGAE EK	1217	>EGFR-L861F LAKFLGAE EK	201	1016
>EGFR-L861F GLAKLLGA	216	>EGFR-L861F GLAKFLGA	167	49
>EGFR-L861F GLAKLLGA	32	>EGFR-L861F GLAKFLGA	26	6
>EGFR-L861F GLAKLLGA	13	>EGFR-L861F GLAKFLGA	13	0
>EGFR-L861F GLAKLLGA	235	>EGFR-L861F GLAKFLGA	155	80
>EGFR-L861F GLAKLLGA	151	>EGFR-L861F GLAKFLGA	100	51
>EGFR-L861F GLAKLLGA	251	>EGFR-L861F GLAKFLGA	289	38
>EGFR-L861F GLAKLLGA	44	>EGFR-L861F GLAKFLGA	61	17
>EGFR-L861F GLAKLLGA	31	>EGFR-L861F GLAKFLGA	23	8
>EGFR-L861F GLAKLLGAEE	347	>EGFR-L861F GLAKFLGAEE	266	81
>EGFR-L861F GLAKLLGAEE	630	>EGFR-L861F GLAKFLGAEE	259	371
>EGFR-L861F FGLAKLLGA	123	>EGFR-L861F FGLAKFLGA	57	66
>EGFR-L861F FGLAKLLGA	4708	>EGFR-L861F FGLAKFLGA	492	4216
>EGFR-L861F DFGLAKLLGA	969	>EGFR-L861F DFGLAKFLGA	406	563
>EGFR-L861F TDFGLAKLL	145	>EGFR-L861F TDFGLAKFL	48	97
>EGFR-L861F TDFGLAKLL	352	>EGFR-L861F TDFGLAKFL	226	126
>EGFR-L861F TDFGLAKLLG	657	>EGFR-L861F TDFGLAKFLG	480	177
>EGFR-L861F TDFGLAKLL	295	>EGFR-L861F TDFGLAKFL	431	136
>EGFR-L861F ITDFGLAKL	6	>EGFR-L861F ITDFGLAKF	4	2
>EGFR-L861F ITDFGLAKLL	15	>EGFR-L861F ITDFGLAKFL	11	4
>EGFR-L861F ITDFGLAKLL	276	>EGFR-L861F ITDFGLAKFL	269	7
>EGFR-L861F ITDFGLAKL	97	>EGFR-L861F ITDFGLAKF	15	82
>EGFR-L861F KITDFGLAKL	91	>EGFR-L861F KITDFGLAKF	8869	8778
>EGFR-L861F KITDFGLAKLL	228	>EGFR-L861F KITDFGLAKFL	115	113
>EGFR-L861F KITDFGLAKL	81	>EGFR-L861F KITDFGLAKF	8329	8248
>EGFR-L861F KITDFGLAKL	432	>EGFR-L861F KITDFGLAKF	15087	14655
>EGFR-L861F KITDFGLAKLL	462	>EGFR-L861F KITDFGLAKFL	133	329
>EGFR-L861F KITDFGLAKL	188	>EGFR-L861F KITDFGLAKF	9571	9383
>EGFR-L861F KITDFGLAKLL	810	>EGFR-L861F KITDFGLAKFL	293	517
>EGFR-L861F KITDFGLAKL	478	>EGFR-L861F KITDFGLAKF	18475	17997
>EGFR-L861F KITDFGLAKL	29	>EGFR-L861F KITDFGLAKF	10102	10073
>EGFR-L861F KITDFGLAKLL	183	>EGFR-L861F KITDFGLAKFL	149	34
>EGFR-L861F KITDFGLAKL	725	>EGFR-L861F KITDFGLAKF	160	565
>EGFR-L861F KITDFGLAKL	693	>EGFR-L861F KITDFGLAKF	112	581
>EGFR-L861F KITDFGLAKL	6828	>EGFR-L861F KITDFGLAKF	347	6481
>EGFR-L861F KITDFGLAKL	1056	>EGFR-L861F KITDFGLAKF	112	944
>EGFR-L861F LLGAE EKEYH,	248	>EGFR-L861F PLGAE EKEYH	6730	6482
>EGFR-L861F LLGAE EKEYH,	181	>EGFR-L861F PLGAE EKEYH	3666	3485
>EGFR-L861F LLGAE EKEYH,	186	>EGFR-L861F PLGAE EKEYH	5408	5222

>EGFR-L861F LLGAEKEYH,	194	>EGFR-L861F PLGAEKEYH	1957	1763
>EGFR-L861F LLGAEKEYH,	24	>EGFR-L861F PLGAEKEYH	1341	1317
>EGFR-L861F KLLGAEK	169	>EGFR-L861F KPLGAEK	17470	17301
>EGFR-L861F KLLGAEK	322	>EGFR-L861F KPLGAEK	16069	15747
>EGFR-L861F KLLGAEKEY	12970	>EGFR-L861F KPLGAEKEY	462	12508
>EGFR-L861F VKITDFGLAKI	295	>EGFR-L861F VKITDFGLAKI	7223	6928
>EGFR-L861F AKLLGAEKE'	23	>EGFR-L861F AKPLGAEKE	278	255
>EGFR-L861F LAKLLGAEK	377	>EGFR-L861F LAKPLGAEK	180	197
>EGFR-L861F GLAKLLGA	216	>EGFR-L861F GLAKPLGA	721	505
>EGFR-L861F GLAKLLGA	32	>EGFR-L861F GLAKPLGA	275	243
>EGFR-L861F GLAKLLGA	13	>EGFR-L861F GLAKPLGA	25	12
>EGFR-L861F GLAKLLGA	235	>EGFR-L861F GLAKPLGA	1352	1117
>EGFR-L861F GLAKLLGA	151	>EGFR-L861F GLAKPLGA	94	57
>EGFR-L861F GLAKLLGA	251	>EGFR-L861F GLAKPLGA	488	237
>EGFR-L861F GLAKLLGA	44	>EGFR-L861F GLAKPLGA	85	41
>EGFR-L861F GLAKLLGA	31	>EGFR-L861F GLAKPLGA	55	24
>EGFR-L861F GLAKLLGAEE	347	>EGFR-L861F GLAKPLGAEE	253	94
>EGFR-L861F FGLAKLLGA	123	>EGFR-L861F FGLAKPLGA	3491	3368
>EGFR-L861F TDFGLAKLL	145	>EGFR-L861F TDFGLAKPL	636	491
>EGFR-L861F TDFGLAKLL	352	>EGFR-L861F TDFGLAKPL	64	288
>EGFR-L861F TDFGLAKLL	295	>EGFR-L861F TDFGLAKPL	1151	856
>EGFR-L861F ITDFGLAKL	6	>EGFR-L861F ITDFGLAKP	5741	5735
>EGFR-L861F ITDFGLAKLL	15	>EGFR-L861F ITDFGLAKPL	7	8
>EGFR-L861F ITDFGLAKLL	276	>EGFR-L861F ITDFGLAKPL	928	652
>EGFR-L861F ITDFGLAKL	97	>EGFR-L861F ITDFGLAKP	8695	8598
>EGFR-L861F KITDFGLAKL	91	>EGFR-L861F KITDFGLAKP	13898	13807
>EGFR-L861F KITDFGLAKLL	228	>EGFR-L861F KITDFGLAKPL	257	29
>EGFR-L861F KITDFGLAKL	81	>EGFR-L861F KITDFGLAKP	10173	10092
>EGFR-L861F KITDFGLAKL	432	>EGFR-L861F KITDFGLAKP	16795	16363
>EGFR-L861F KITDFGLAKLL	462	>EGFR-L861F KITDFGLAKPL	201	261
>EGFR-L861F KITDFGLAKL	188	>EGFR-L861F KITDFGLAKP	18137	17949
>EGFR-L861F KITDFGLAKLL	810	>EGFR-L861F KITDFGLAKPL	482	328
>EGFR-L861F KITDFGLAKL	478	>EGFR-L861F KITDFGLAKP	21907	21429
>EGFR-L861F KITDFGLAKL	29	>EGFR-L861F KITDFGLAKP	19320	19291
>EGFR-L861F KITDFGLAKLL	183	>EGFR-L861F KITDFGLAKPL	216	33
>EGFR-L861F KITDFGLAKLL	679	>EGFR-L861F KITDFGLAKPL	137	542
>EGFR-L861C LLGAEKEYH,	248	>EGFR-L861C QLGAEEKEYH	905	657
>EGFR-L861C LLGAEKEYH,	181	>EGFR-L861C QLGAEEKEYH	1438	1257
>EGFR-L861C LLGAEKEYH,	186	>EGFR-L861C QLGAEEKEYH	879	693
>EGFR-L861C LLGAEKEYH,	194	>EGFR-L861C QLGAEEKEYH	1377	1183
>EGFR-L861C LLGAEKEYH,	24	>EGFR-L861C QLGAEEKEYH	423	399
>EGFR-L861C LLGAEKEY	778	>EGFR-L861C QLGAEEKEY	393	385
>EGFR-L861C KLLGAEK	169	>EGFR-L861C KQLGAEK	2708	2539



>EGFR-L861C KLLGAE EK	322	>EGFR-L861C KQLGAE EK	417	95
>EGFR-L861C KLLGAE EKEY	552	>EGFR-L861C KQLGAE EKEY	24	528
>EGFR-L861C VKITDFGLAKI	295	>EGFR-L861C VKITDFGLAKI	6916	6621
>EGFR-L861C AKLLGAE EKE	23	>EGFR-L861C AKQLGAE EKE	88	65
>EGFR-L861C LAKLLGAE EK	377	>EGFR-L861C LAKQLGAE EK	661	284
>EGFR-L861C GLAKLLGA	216	>EGFR-L861C GLAKQLGA	756	540
>EGFR-L861C GLAKLLGA	32	>EGFR-L861C GLAKQLGA	105	73
>EGFR-L861C GLAKLLGA	13	>EGFR-L861C GLAKQLGA	26	13
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>EGFR-L861C GLAKLLGA	151	>EGFR-L861C GLAKQLGA	364	213
>EGFR-L861C GLAKLLGA	251	>EGFR-L861C GLAKQLGA	411	160
>EGFR-L861C GLAKLLGA	44	>EGFR-L861C GLAKQLGA	68	24
>EGFR-L861C GLAKLLGA	31	>EGFR-L861C GLAKQLGA	35	4
>EGFR-L861C GLAKLLGAEE	347	>EGFR-L861C GLAKQLGAEE	361	14
>EGFR-L861C FGLAKLLGA	123	>EGFR-L861C FGLAKQLGA	2171	2048
>EGFR-L861C TDFGLAKLL	145	>EGFR-L861C TDFGLAKQL	400	255
>EGFR-L861C TDFGLAKLL	352	>EGFR-L861C TDFGLAKQL	253	99
>EGFR-L861C TDFGLAKLL	295	>EGFR-L861C TDFGLAKQL	1099	804
>EGFR-L861C ITDFGLAKL	6	>EGFR-L861C ITDFGLAKQ	1093	1087
>EGFR-L861C ITDFGLAKLL	15	>EGFR-L861C ITDFGLAKQL	6	9
>EGFR-L861C ITDFGLAKLL	276	>EGFR-L861C ITDFGLAKQL	1227	951
>EGFR-L861C ITDFGLAKL	97	>EGFR-L861C ITDFGLAKQ	1810	1713
>EGFR-L861C KITDFGLAKL	91	>EGFR-L861C KITDFGLAKQ	13835	13744
>EGFR-L861C KITDFGLAKLL	228	>EGFR-L861C KITDFGLAKQ	346	118
>EGFR-L861C KITDFGLAKL	81	>EGFR-L861C KITDFGLAKQ	12538	12457
>EGFR-L861C KITDFGLAKL	432	>EGFR-L861C KITDFGLAKQ	18063	17631
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>EGFR-L861C KITDFGLAKL	188	>EGFR-L861C KITDFGLAKQ	11552	11364
>EGFR-L861C KITDFGLAKLL	810	>EGFR-L861C KITDFGLAKQ	477	333
>EGFR-L861C KITDFGLAKL	478	>EGFR-L861C KITDFGLAKQ	14102	13624
>EGFR-L861C KITDFGLAKL	29	>EGFR-L861C KITDFGLAKQ	2611	2582
>EGFR-L861C KITDFGLAKLL	183	>EGFR-L861C KITDFGLAKQ	80	103
>EGFR-L861C KITDFGLAKLL	679	>EGFR-L861C KITDFGLAKQ	339	340
>EGFR-L861C KITDFGLAKLL	2501	>EGFR-L861C KITDFGLAKQ	487	2014
>EGFR-L861F LLGAE EKEYH	248	>EGFR-L861F RLGAE EKEYH	654	406
>EGFR-L861F LLGAE EKEYH	181	>EGFR-L861F RLGAE EKEYH	184	3
>EGFR-L861F LLGAE EKEYH	186	>EGFR-L861F RLGAE EKEYH	226	40
>EGFR-L861F LLGAE EKEYH	194	>EGFR-L861F RLGAE EKEYH	236	42
>EGFR-L861F LLGAE EKEYH	24	>EGFR-L861F RLGAE EKEYH	124	100
>EGFR-L861F LLGAE EKEY	778	>EGFR-L861F RLGAE EKEY	62	716
>EGFR-L861F KLLGAE EK	169	>EGFR-L861F KRLGAE EK	20656	20487
>EGFR-L861F KLLGAE EK	322	>EGFR-L861F KRLGAE EK	19572	19250
>EGFR-L861F KLLGAE EKEY	552	>EGFR-L861F KRLGAE EKEY	231	321

>EGFR-L861FKLLGAE EK	16629	>EGFR-L861FKRLGAE EK	93	16536
>EGFR-L861FKLLGAE EKEY	23839	>EGFR-L861FKRLGAE EKEY	52	23787
>EGFR-L861FVKITDFGLAKI	295	>EGFR-L861FVKITDFGLAKI	2905	2610
>EGFR-L861FAKLLGAE EKE'	23	>EGFR-L861FAKRLGAE EKE	15	8
>EGFR-L861FLAKLLGAE EK	377	>EGFR-L861FLAKRLGAE EK	127	250
>EGFR-L861FGLAKLLGA	216	>EGFR-L861FGLAKRLGA	1468	1252
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>EGFR-L861FGLAKLLGA	44	>EGFR-L861FGLAKRLGA	204	160
>EGFR-L861FGLAKLLGA	31	>EGFR-L861FGLAKRLGA	48	17
>EGFR-L861FGLAKLLGAEE	347	>EGFR-L861FGLAKRLGAEE	212	135
>EGFR-L861FGLAKLLGA	123	>EGFR-L861FGLAKRLGA	3970	3847
>EGFR-L861FTDFGLAKLL	145	>EGFR-L861FTDFGLAKRL	1778	1633
>EGFR-L861FTDFGLAKL	31699	>EGFR-L861FTDFGLAKR	230	31469
>EGFR-L861FTDFGLAKLL	352	>EGFR-L861FTDFGLAKRL	570	218
>EGFR-L861FTDFGLAKLL	295	>EGFR-L861FTDFGLAKRL	1368	1073
>EGFR-L861FITDFGLAKL	17330	>EGFR-L861FITDFGLAKR	220	17110
>EGFR-L861FITDFGLAKL	26045	>EGFR-L861FITDFGLAKR	384	25661
>EGFR-L861FITDFGLAKL	28999	>EGFR-L861FITDFGLAKR	142	28857
>EGFR-L861FITDFGLAKL	6	>EGFR-L861FITDFGLAKR	2003	1997
>EGFR-L861FITDFGLAKLL	15	>EGFR-L861FITDFGLAKRL	7	8
>EGFR-L861FITDFGLAKLL	276	>EGFR-L861FITDFGLAKRL	1525	1249
>EGFR-L861FITDFGLAKL	97	>EGFR-L861FITDFGLAKR	4183	4086
>EGFR-L861FKITDFGLAKL	91	>EGFR-L861FKITDFGLAKR	11568	11477
>EGFR-L861FKITDFGLAKLL	228	>EGFR-L861FKITDFGLAKRI	536	308
>EGFR-L861FKITDFGLAKL	81	>EGFR-L861FKITDFGLAKR	8585	8504
>EGFR-L861FKITDFGLAKL	432	>EGFR-L861FKITDFGLAKR	15078	14646
>EGFR-L861FKITDFGLAKLL	462	>EGFR-L861FKITDFGLAKRI	1187	725
>EGFR-L861FKITDFGLAKL	188	>EGFR-L861FKITDFGLAKR	21700	21512
>EGFR-L861FKITDFGLAKL	478	>EGFR-L861FKITDFGLAKR	23186	22708
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>EGFR-L861FKITDFGLAKLL	183	>EGFR-L861FKITDFGLAKRI	110	73
>EGFR-L861FKITDFGLAKL	11235	>EGFR-L861FKITDFGLAKR	351	10884
>EGFR-L861FKITDFGLAKL	3751	>EGFR-L861FKITDFGLAKR	15	3736
>EGFR-L861FKITDFGLAKL	30829	>EGFR-L861FKITDFGLAKR	184	30645
>EGFR-L861FKITDFGLAKL	28248	>EGFR-L861FKITDFGLAKR	177	28071
>EGFR-L861FKITDFGLAKL	14336	>EGFR-L861FKITDFGLAKR	39	14297
>EGFR-L861VLLGAE EKEYH,	248	>EGFR-L861VVLGAE EKEYH	609	361
>EGFR-L861VLLGAE EKEYH,	181	>EGFR-L861VVLGAE EKEYH	156	25
>EGFR-L861VLLGAE EKEYH,	186	>EGFR-L861VVLGAE EKEYH	219	33

>EGFR-L861VLLGAEKEYH	194	>EGFR-L861VVLGAEKEYH	137	57
>EGFR-L861VLLGAEKEYH	24	>EGFR-L861VVLGAEKEYH	34	10
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>EGFR-L861VKLLGAEK	169	>EGFR-L861VKVLGAEK	492	323
>EGFR-L861VKLLGAEK	322	>EGFR-L861VKVLGAEK	88	234
>EGFR-L861VKLLGAEK	623	>EGFR-L861VKVLGAEK	83	540
>EGFR-L861VKLLGAEKEY	551	>EGFR-L861VKVLGAEKEY	93	458
>EGFR-L861VKITDFGLAKI	295	>EGFR-L861VKITDFGLAKI	625	330
>EGFR-L861VAKLLGAEKE	23	>EGFR-L861VAKVLGAEKE	29	6
>EGFR-L861VLAKLLGAEK	377	>EGFR-L861VLAKVLGAEK	256	121
>EGFR-L861VGLAKLLGA	216	>EGFR-L861VGLAKVLGA	222	6
>EGFR-L861VGLAKLLGA	32	>EGFR-L861VGLAKVLGA	33	1
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>EGFR-L861VGLAKLLGA	235	>EGFR-L861VGLAKVLGA	354	119
>EGFR-L861VGLAKLLGA	151	>EGFR-L861VGLAKVLGA	48	103
>EGFR-L861VGLAKLLGA	251	>EGFR-L861VGLAKVLGA	224	27
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>EGFR-L861VGLAKLLGA	31	>EGFR-L861VGLAKVLGA	29	2
>EGFR-L861VGLAKLLGAE	347	>EGFR-L861VGLAKVLGAE	230	117
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>EGFR-L861VITDFGLAKL	2920	>EGFR-L861VITDFGLAKV	366	2554
>EGFR-L861VITDFGLAKL	808	>EGFR-L861VITDFGLAKV	112	696
>EGFR-L861VITDFGLAKL	919	>EGFR-L861VITDFGLAKV	49	870
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>EGFR-L861VITDFGLAKL	732	>EGFR-L861VITDFGLAKV	88	644
>EGFR-L861VITDFGLAKL	6	>EGFR-L861VITDFGLAKV	107	101
>EGFR-L861VITDFGLAKLL	15	>EGFR-L861VITDFGLAKVL	11	4
>EGFR-L861VITDFGLAKLL	276	>EGFR-L861VITDFGLAKVL	967	691
>EGFR-L861VITDFGLAKL	97	>EGFR-L861VITDFGLAKV	335	238
>EGFR-L861VKITDFGLAKL	1756	>EGFR-L861VKITDFGLAKV	331	1425
>EGFR-L861VKITDFGLAKL	91	>EGFR-L861VKITDFGLAKV	89	2
>EGFR-L861VKITDFGLAKLL	228	>EGFR-L861VKITDFGLAKVI	950	722
>EGFR-L861VKITDFGLAKL	81	>EGFR-L861VKITDFGLAKV	22	59
>EGFR-L861VKITDFGLAKL	432	>EGFR-L861VKITDFGLAKV	101	331
>EGFR-L861VKITDFGLAKLL	462	>EGFR-L861VKITDFGLAKVI	1077	615

>EGFR-L861V KITDFGLAKL	188	>EGFR-L861V KITDFGLAKV	13	175
>EGFR-L861V KITDFGLAKL	1044	>EGFR-L861V KITDFGLAKV	97	947
>EGFR-L861V KITDFGLAKL	478	>EGFR-L861V KITDFGLAKV	29	449
>EGFR-L861V KITDFGLAKL	3324	>EGFR-L861V KITDFGLAKV	204	3120
>EGFR-L861V KITDFGLAKL	29	>EGFR-L861V KITDFGLAKV	4	25
>EGFR-L861V KITDFGLAKLL	183	>EGFR-L861V KITDFGLAKVI	330	147
>EGFR-L861V KITDFGLAKLL	679	>EGFR-L861V KITDFGLAKVI	333	346
>EGFR-L862F LGAEEKEY	425	>EGFR-L862F PGAAEKEY	7231	6806
>EGFR-L862F LLGAAEKEYH	248	>EGFR-L862F LPGAAEKEYH	29943	29695
>EGFR-L862F LLGAAEKEYH	181	>EGFR-L862F LPGAAEKEYH	27852	27671
>EGFR-L862F LLGAAEKEYH	186	>EGFR-L862F LPGAAEKEYH	23020	22834
>EGFR-L862F LLGAAEKEYH	194	>EGFR-L862F LPGAAEKEYH	25640	25446
>EGFR-L862F LLGAAEKEYH	24	>EGFR-L862F LPGAAEKEYH	35024	35000
>EGFR-L862F LLGAAEKEY	5406	>EGFR-L862F LPGAAEKEY	20	5386
>EGFR-L862F LLGAAEKEY	25167	>EGFR-L862F LPGAAEKEY	116	25051
>EGFR-L862F LLGAAEKEYH	28935	>EGFR-L862F LPGAAEKEYH	242	28693
>EGFR-L862F KITDFGLAKLL	228	>EGFR-L862F KITDFGLAKLF	17974	17746
>EGFR-L862F KITDFGLAKLL	462	>EGFR-L862F KITDFGLAKLF	16911	16449
>EGFR-L862F KITDFGLAKLL	183	>EGFR-L862F KITDFGLAKLF	28542	28359
>EGFR-L862F KLLGAEK	169	>EGFR-L862F KLPGAEK	915	746
>EGFR-L862F KLLGAEK	322	>EGFR-L862F KLPGAEK	3686	3364
>EGFR-L862F AKLLGAEK	1973	>EGFR-L862F AKLPGAEK	466	1507
>EGFR-L862F AKLLGAEKE	23	>EGFR-L862F AKLPGAEKE	11	12
>EGFR-L862F LAKLLGAEK	377	>EGFR-L862F LAKLPGAEK	363	14
>EGFR-L862F GLAKLLGA	216	>EGFR-L862F GLAKLPGA	228	12
>EGFR-L862F GLAKLLGA	32	>EGFR-L862F GLAKLPGA	73	41
>EGFR-L862F GLAKLLGA	13	>EGFR-L862F GLAKLPGA	17	4
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>EGFR-L862F GLAKLLGA	151	>EGFR-L862F GLAKLPGA	91	60
>EGFR-L862F GLAKLLGA	251	>EGFR-L862F GLAKLPGA	221	30
>EGFR-L862F GLAKLLGA	44	>EGFR-L862F GLAKLPGA	27	17
>EGFR-L862F GLAKLLGA	31	>EGFR-L862F GLAKLPGA	44	13
>EGFR-L862F GLAKLLGAEE	347	>EGFR-L862F GLAKLPGAEE	291	56
>EGFR-L862F FGLAKLLGA	123	>EGFR-L862F FGLAKLPGA	85	38
>EGFR-L862F TDFGLAKLL	145	>EGFR-L862F TDFGLAKLP	12579	12434
>EGFR-L862F TDFGLAKLL	352	>EGFR-L862F TDFGLAKLP	11878	11526
>EGFR-L862F TDFGLAKLL	295	>EGFR-L862F TDFGLAKLP	19716	19421
>EGFR-L862F ITDFGLAKLL	15	>EGFR-L862F ITDFGLAKLP	9900	9885
>EGFR-L862F ITDFGLAKLL	276	>EGFR-L862F ITDFGLAKLP	12451	12175
>EGFR-M766 MASVDNPHV	162	>EGFR-M766 TASVDNPHV	1260	1098
>EGFR-M766 MASVDNPHV	162	>EGFR-M766 TASVDNPHV	1866	1704
>EGFR-M766 MASVDNPHV	74	>EGFR-M766 TASVDNPHV	421	347
>EGFR-M766 MASVDNPHV	268	>EGFR-M766 TASVDNPHV	712	444

>EGFR-M766 MASVDNPHV	9	>EGFR-M766 TASVDNPHV	19	10
>EGFR-M766 MASVDNPHV	258	>EGFR-M766 TASVDNPHV	949	691
>EGFR-M766 MASVDNPHV	161	>EGFR-M766 TASVDNPHV	275	114
>EGFR-M766 MASVDNPH	55	>EGFR-M766 TASVDNPH	405	350
>EGFR-M766 VMASVDNPH	148	>EGFR-M766 VTASVDNPH	3533	3385
>EGFR-M766 VMASVDNPH	84	>EGFR-M766 VTASVDNPH	1518	1434
>EGFR-M766 VMASVDNPH	209	>EGFR-M766 VTASVDNPH	2339	2130
>EGFR-M766 VMASVDNPH	303	>EGFR-M766 VTASVDNPH	599	296
>EGFR-M766 VMASVDNPH	3	>EGFR-M766 VTASVDNPH	199	196
>EGFR-M766 VMASVDNPH	37	>EGFR-M766 VTASVDNPH	3822	3785
>EGFR-M766 VMASVDNPH	7	>EGFR-M766 VTASVDNPH	2240	2233
>EGFR-M766 VMASVDNPH	258	>EGFR-M766 VTASVDNPH	12867	12609
>EGFR-M766 VMASVDNPH	5	>EGFR-M766 VTASVDNPH	40	35
>EGFR-M766 VMASVDNPH	6	>EGFR-M766 VTASVDNPH	2589	2583
>EGFR-M766 VMASVDNPH	233	>EGFR-M766 VTASVDNPH	11675	11442
>EGFR-M766 VMASVDNPH	3	>EGFR-M766 VTASVDNPH	250	247
>EGFR-M766 VMASVDNPH	75	>EGFR-M766 VTASVDNPH	15020	14945
>EGFR-M766 VMASVDNPH	2046	>EGFR-M766 VTASVDNPH	167	1879
>EGFR-M766 VMASVDNPH	1973	>EGFR-M766 VTASVDNPH	227	1746
>EGFR-M766 VMASVDNPH	14596	>EGFR-M766 VTASVDNPH	471	14125
>EGFR-M766 YVMASVDNP	10	>EGFR-M766 YVTASVDNP	68	58
>EGFR-M766 YVMASVDNP	13	>EGFR-M766 YVTASVDNP	113	100
>EGFR-M766 YVMASVDNP	8	>EGFR-M766 YVTASVDNP	46	38
>EGFR-M766 YVMASVDNP	4	>EGFR-M766 YVTASVDNP	9	5
>EGFR-M766 YVMASVDNP	8	>EGFR-M766 YVTASVDNP	36	28
>EGFR-M766 YVMASVDNP	7	>EGFR-M766 YVTASVDNP	50	43
>EGFR-M766 YVMASVDNP	10	>EGFR-M766 YVTASVDNP	11	1
>EGFR-M766 YVMASVDNP	4	>EGFR-M766 YVTASVDNP	58	54
>EGFR-M766 YVMASVDNP	3	>EGFR-M766 YVTASVDNP	3	0
>EGFR-M766 YVMASVDNP	397	>EGFR-M766 YVTASVDNP	1303	906
>EGFR-M766 YVMASVDNP	457	>EGFR-M766 YVTASVDNP	1436	979
>EGFR-M766 YVMASVDNP	17	>EGFR-M766 YVTASVDNP	51	34
>EGFR-M766 YVMASVDNP	7	>EGFR-M766 YVTASVDNP	39	32
>EGFR-M766 YVMASVDNP	424	>EGFR-M766 YVTASVDNP	5785	5361
>EGFR-M766 EAYVMASV	18	>EGFR-M766 EAYVTASV	27	9
>EGFR-M766 EAYVMASV	8	>EGFR-M766 EAYVTASV	6	2
>EGFR-M766 DEAYVMASV	25	>EGFR-M766 DEAYVTASV	12	13
>EGFR-M766 DEAYVMASV	64	>EGFR-M766 DEAYVTASV	69	5
>EGFR-M766 DEAYVMASV	98	>EGFR-M766 DEAYVTASV	136	38
>EGFR-M766 DEAYVMASV	43	>EGFR-M766 DEAYVTASV	49	6
>EGFR-M766 DEAYVMASV	423	>EGFR-M766 DEAYVTASV	326	97
>EGFR-M766 LDEAYVMASV	144	>EGFR-M766 LDEAYVTASV	140	4
>EGFR-M766 ILDEAYVM	111	>EGFR-M766 ILDEAYVT	425	314

>EGFR-M766 ILDEAYVMA	38	>EGFR-M766 ILDEAYVTA	37	1
>EGFR-M766 ILDEAYVMAS	11	>EGFR-M766 ILDEAYVTAS\	11	0
>EGFR-M766 ILDEAYVM	192	>EGFR-M766 ILDEAYVT	953	761
>EGFR-M766 ILDEAYVMA	44	>EGFR-M766 ILDEAYVTA	71	27
>EGFR-M766 ILDEAYVMAS	5	>EGFR-M766 ILDEAYVTAS\	6	1
>EGFR-M766 ILDEAYVMA	172	>EGFR-M766 ILDEAYVTA	106	66
>EGFR-M766 ILDEAYVMAS	10	>EGFR-M766 ILDEAYVTAS\	10	0
>EGFR-M766 ILDEAYVM	334	>EGFR-M766 ILDEAYVT	710	376
>EGFR-M766 ILDEAYVMA	44	>EGFR-M766 ILDEAYVTA	43	1
>EGFR-M766 ILDEAYVMAS	8	>EGFR-M766 ILDEAYVTAS\	10	2
>EGFR-M766 ILDEAYVM	17	>EGFR-M766 ILDEAYVT	41	24
>EGFR-M766 ILDEAYVMA	6	>EGFR-M766 ILDEAYVTA	5	1
>EGFR-M766 ILDEAYVMAS	56	>EGFR-M766 ILDEAYVTAS	71	15
>EGFR-M766 ILDEAYVMAS	2	>EGFR-M766 ILDEAYVTAS\	2	0
>EGFR-M766 ILDEAYVM	31	>EGFR-M766 ILDEAYVT	261	230
>EGFR-M766 ILDEAYVMA	63	>EGFR-M766 ILDEAYVTA	12	51
>EGFR-M766 ILDEAYVMAS	3	>EGFR-M766 ILDEAYVTAS\	3	0
>EGFR-M766 ILDEAYVM	76	>EGFR-M766 ILDEAYVT	204	128
>EGFR-M766 ILDEAYVMA	11	>EGFR-M766 ILDEAYVTA	9	2
>EGFR-M766 ILDEAYVMAS	5	>EGFR-M766 ILDEAYVTAS\	4	1
>EGFR-M766 ILDEAYVM	31	>EGFR-M766 ILDEAYVT	324	293
>EGFR-M766 ILDEAYVMA	43	>EGFR-M766 ILDEAYVTA	16	27
>EGFR-M766 ILDEAYVMAS	3	>EGFR-M766 ILDEAYVTAS\	2	1
>EGFR-M766 ILDEAYVM	77	>EGFR-M766 ILDEAYVT	128	51
>EGFR-M766 ILDEAYVMA	8	>EGFR-M766 ILDEAYVTA	5	3
>EGFR-M766 ILDEAYVMAS	2	>EGFR-M766 ILDEAYVTAS\	2	0
>EGFR-M766 ILDEAYVMAS	82	>EGFR-M766 ILDEAYVTAS\	94	12
>EGFR-M766 EILDEAYVM	362	>EGFR-M766 EILDEAYVT	2355	1993
>EGFR-M766 EILDEAYVMA	635	>EGFR-M766 EILDEAYVTA	439	196
>EGFR-M766 EILDEAYVM	39	>EGFR-M766 EILDEAYVT	10090	10051
>EGFR-M766 EILDEAYVM	33	>EGFR-M766 EILDEAYVT	618	585
>EGFR-M766 EILDEAYVMA	16	>EGFR-M766 EILDEAYVTA	24	8
>EGFR-M766 KEILDEAYVM	163	>EGFR-M766 KEILDEAYVT	431	268
>EGFR-M766 KEILDEAYVM	289	>EGFR-M766 KEILDEAYVT/	418	129
>EGFR-M766 KEILDEAYVM	50	>EGFR-M766 KEILDEAYVT/	45	5
>EGFR-M766 KEILDEAYVM	15	>EGFR-M766 KEILDEAYVT	133	118
>EGFR-M766 KEILDEAYVM	468	>EGFR-M766 KEILDEAYVT/	452	16
>EGFR-N700!NQALLRILK	1745	>EGFR-N700!SQALLRILK	244	1501
>EGFR-N700!NQALLRILK	117	>EGFR-N700!SQALLRILK	14	103
>EGFR-N700!NQALLRIL	152	>EGFR-N700!SQALLRIL	346	194
>EGFR-N700!NQALLRILK	1248	>EGFR-N700!SQALLRILK	290	958
>EGFR-N700!PNQALLRILK	19370	>EGFR-N700!PSQALLRILK	304	19066
>EGFR-N700!EPLTPSGEAPI	1014	>EGFR-N700!EPLTPSGEAP!	377	637

>EGFR-N700!APNQALLRI	22	>EGFR-N700!APSQALLRI	37	15
>EGFR-N700!APNQALLRIL	329	>EGFR-N700!APSQALLRIL	584	255
>EGFR-N700!APNQALLRI	145	>EGFR-N700!APSQALLRI	138	7
>EGFR-N700!APNQALLRIL	109	>EGFR-N700!APSQALLRIL	118	9
>EGFR-N700!APNQALLRI	386	>EGFR-N700!APSQALLRI	574	188
>EGFR-N700!APNQALLRIL	293	>EGFR-N700!APSQALLRIL	234	59
>EGFR-N700!EAPNQALLR	26	>EGFR-N700!EAPSQALLR	20	6
>EGFR-N700!EAPNQALL	173	>EGFR-N700!EAPSQALL	133	40
>EGFR-N700!EAPNQALLRI	931	>EGFR-N700!EAPSQALLRI	282	649
>EGFR-N700!EAPNQALLRII	136	>EGFR-N700!EAPSQALLRIL	42	94
>EGFR-N700!EAPNQALLR	592	>EGFR-N700!EAPSQALLR	421	171
>EGFR-N700!GEAPNQALL	250	>EGFR-N700!GEAPSQALL	144	106
>EGFR-N700!GEAPNQALLF	42	>EGFR-N700!GEAPSQALLR	31	11
>EGFR-N700!GEAPNQAL	22	>EGFR-N700!GEAPSQAL	23	1
>EGFR-N700!GEAPNQALL	54	>EGFR-N700!GEAPSQALL	37	17
>EGFR-N700!GEAPNQALLF	227	>EGFR-N700!GEAPSQALLR	185	42
>EGFR-N700!GEAPNQAL	187	>EGFR-N700!GEAPSQAL	186	1
>EGFR-N700!GEAPNQAL	731	>EGFR-N700!GEAPSQAL	432	299
>EGFR-N700!GEAPNQAL	1004	>EGFR-N700!GEAPSQAL	418	586
>EGFR-N700!GEAPNQALL	46	>EGFR-N700!GEAPSQALL	46	0
>EGFR-N700!GEAPNQALLF	7	>EGFR-N700!GEAPSQALLR	7	0
>EGFR-N700!TPSGEAPNQ/	99	>EGFR-N700!TPSGEAPSQ/	58	41
>EGFR-N700!TPSGEAPN	1108	>EGFR-N700!TPSGEAPS	376	732
>EGFR-N700!TPSGEAPNQ/	144	>EGFR-N700!TPSGEAPSQ/	81	63
>EGFR-N700!TPSGEAPNQ/	28	>EGFR-N700!TPSGEAPSQ/	17	11
>EGFR-N700!TPSGEAPNQ/	1579	>EGFR-N700!TPSGEAPSQ/	480	1099
>EGFR-N700!LTPSGEAPNC	326	>EGFR-N700!LTPSGEAPSQ	338	12
>EGFR-N700!LTPSGEAPNC	333	>EGFR-N700!LTPSGEAPSQ	551	218
>EGFR-N700'NQALLRIL	1777	>EGFR-N700'YQALLRIL	202	1575
>EGFR-N700'NQALLRIL	3230	>EGFR-N700'YQALLRIL	463	2767
>EGFR-N700'NQALLRIL	1660	>EGFR-N700'YQALLRIL	74	1586
>EGFR-N700'NQALLRILKET	4294	>EGFR-N700'YQALLRILKET	349	3945
>EGFR-N700'NQALLRILK	117	>EGFR-N700'YQALLRILK	49	68
>EGFR-N700'NQALLRILK	611	>EGFR-N700'YQALLRILK	322	289
>EGFR-N700'NQALLRIL	2324	>EGFR-N700'YQALLRIL	141	2183
>EGFR-N700'NQALLRILK	1460	>EGFR-N700'YQALLRILK	127	1333
>EGFR-N700'NQALLRIL	152	>EGFR-N700'YQALLRIL	43	109
>EGFR-N700'PNQALLRI	18724	>EGFR-N700'PYQALLRI	123	18601
>EGFR-N700'PNQALLRIL	21825	>EGFR-N700'PYQALLRIL	318	21507
>EGFR-N700'PNQALLRI	17116	>EGFR-N700'PYQALLRI	109	17007
>EGFR-N700'PNQALLRI	21240	>EGFR-N700'PYQALLRI	370	20870
>EGFR-N700'PNQALLRI	24188	>EGFR-N700'PYQALLRI	59	24129
>EGFR-N700'PNQALLRIL	25422	>EGFR-N700'PYQALLRIL	155	25267

>EGFR-N700'EPLTPSGEAPI	26005	>EGFR-N700'EPLTPSGEAP'	150	25855
>EGFR-N700'EPLTPSGEAPI	1014	>EGFR-N700'EPLTPSGEAP'	10	1004
>EGFR-N700'EPLTPSGEAPI	25282	>EGFR-N700'EPLTPSGEAP'	413	24869
>EGFR-N700'EPLTPSGEAPI	32857	>EGFR-N700'EPLTPSGEAP'	310	32547
>EGFR-N700'APNQALLRI	22	>EGFR-N700'APYQALLRI	9	13
>EGFR-N700'APNQALLRIL	329	>EGFR-N700'APYQALLRIL	53	276
>EGFR-N700'APNQALLRI	145	>EGFR-N700'APYQALLRI	75	70
>EGFR-N700'APNQALLRIL	109	>EGFR-N700'APYQALLRIL	85	24
>EGFR-N700'APNQALLRI	1622	>EGFR-N700'APYQALLRI	114	1508
>EGFR-N700'APNQALLRI	386	>EGFR-N700'APYQALLRI	430	44
>EGFR-N700'APNQALLRIL	293	>EGFR-N700'APYQALLRIL	212	81
>EGFR-N700'APNQALLR	2685	>EGFR-N700'APYQALLR	493	2192
>EGFR-N700'APNQALLRI	3473	>EGFR-N700'APYQALLRI	265	3208
>EGFR-N700'EAPNQALLR	26	>EGFR-N700'EAPYQALLR	13	13
>EGFR-N700'EAPNQALL	173	>EGFR-N700'EAPYQALL	71	102
>EGFR-N700'EAPNQALLRII	136	>EGFR-N700'EAPYQALLRIL	105	31
>EGFR-N700'GEAPNQALL	250	>EGFR-N700'GEAPYQALL	77	173
>EGFR-N700'GEAPNQALLF	42	>EGFR-N700'GEAPYQALLR	22	20
>EGFR-N700'GEAPNQAL	22	>EGFR-N700'GEAPYQAL	19	3
>EGFR-N700'GEAPNQALL	54	>EGFR-N700'GEAPYQALL	48	6
>EGFR-N700'GEAPNQALLF	227	>EGFR-N700'GEAPYQALLR	216	11
>EGFR-N700'GEAPNQAL	187	>EGFR-N700'GEAPYQAL	96	91
>EGFR-N700'GEAPNQALL	1140	>EGFR-N700'GEAPYQALL	435	705
>EGFR-N700'GEAPNQALLF	819	>EGFR-N700'GEAPYQALLR	462	357
>EGFR-N700'GEAPNQAL	1025	>EGFR-N700'GEAPYQAL	211	814
>EGFR-N700'GEAPNQALL	46	>EGFR-N700'GEAPYQALL	25	21
>EGFR-N700'GEAPNQALLF	7	>EGFR-N700'GEAPYQALLR	5	2
>EGFR-N700'TPSGEAPNQ/	99	>EGFR-N700'TPSGEAPYQ/	115	16
>EGFR-N700'TPSGEAPN	1108	>EGFR-N700'TPSGEAPY	10	1098
>EGFR-N700'TPSGEAPNQ/	144	>EGFR-N700'TPSGEAPYQ/	158	14
>EGFR-N700'TPSGEAPNQ/	28	>EGFR-N700'TPSGEAPYQ/	32	4
>EGFR-N700'TPSGEAPN	18249	>EGFR-N700'TPSGEAPY	152	18097
>EGFR-N700'TPSGEAPNQ/	1579	>EGFR-N700'TPSGEAPYQ/	188	1391
>EGFR-N700'TPSGEAPN	33829	>EGFR-N700'TPSGEAPY	189	33640
>EGFR-N700'LTPSGEAPN	24065	>EGFR-N700'LTPSGEAPY	36	24029
>EGFR-N700'LTPSGEAPN	31607	>EGFR-N700'LTPSGEAPY	296	31311
>EGFR-N700'LTPSGEAPN	24075	>EGFR-N700'LTPSGEAPY	193	23882
>EGFR-N700'LTPSGEAPN	21008	>EGFR-N700'LTPSGEAPY	64	20944
>EGFR-N700'LTPSGEAPNC	952	>EGFR-N700'LTPSGEAPYQ	347	605
>EGFR-N700'LTPSGEAPN	18915	>EGFR-N700'LTPSGEAPY	151	18764
>EGFR-N700'LTPSGEAPN	15376	>EGFR-N700'LTPSGEAPY	24	15352
>EGFR-N700'LTPSGEAPN	20567	>EGFR-N700'LTPSGEAPY	257	20310
>EGFR-N700'LTPSGEAPN	2017	>EGFR-N700'LTPSGEAPY	248	1769



>EGFR-N700'LTPSGEAPNC	326	>EGFR-N700'LTPSGEAPYQ	62	264
>EGFR-N700'LTPSGEAPNC	333	>EGFR-N700'LTPSGEAPYQ	179	154
>EGFR-N700'LTPSGEAPN	18770	>EGFR-N700'LTPSGEAPY	475	18295
>EGFR-N700'PLTPSGEAPN	1234	>EGFR-N700'PLTPSGEAPY	451	783
>EGFR-N700'PLTPSGEAPN	23620	>EGFR-N700'PLTPSGEAPY	165	23455
>EGFR-N756!'ANKEILDEAY'	2301	>EGFR-N756!'ASKEILDEAY\	498	1803
>EGFR-N756!'ANKEILDEAY	5086	>EGFR-N756!'ASKEILDEAY	187	4899
>EGFR-N756!'ANKEILDEAY'	5238	>EGFR-N756!'ASKEILDEAY\	311	4927
>EGFR-N756!'ANKEILDEAY	4111	>EGFR-N756!'ASKEILDEAY	473	3638
>EGFR-N756!'ANKEILDEAY	848	>EGFR-N756!'ASKEILDEAY	148	700
>EGFR-N756!'ANKEILDEAY	19438	>EGFR-N756!'ASKEILDEAY	44	19394
>EGFR-N756!'KANKEILDEA'	126	>EGFR-N756!'KASKEILDEAY	122	4
>EGFR-N756!'KANKEILDEA'	385	>EGFR-N756!'KASKEILDEAY	583	198
>EGFR-N756!'KANKEILDEA'	255	>EGFR-N756!'KASKEILDEAY	295	40
>EGFR-N756!'KANKEILDEA'	293	>EGFR-N756!'KASKEILDEAY	306	13
>EGFR-N756!'KANKEILDEA'	140	>EGFR-N756!'KASKEILDEAY	101	39
>EGFR-N756!'KANKEILDEA'	200	>EGFR-N756!'KASKEILDEAY	148	52
>EGFR-N756!'KANKEILDEA'	86	>EGFR-N756!'KASKEILDEAY	129	43
>EGFR-N756!'KANKEILDEA'	473	>EGFR-N756!'KASKEILDEAY	374	99
>EGFR-N756!'SPKANKEI	133	>EGFR-N756!'SPKASKEI	124	9
>EGFR-N756!'SPKANKEIL	187	>EGFR-N756!'SPKASKEIL	178	9
>EGFR-N756!'SPKANKEIL	193	>EGFR-N756!'SPKASKEIL	146	47
>EGFR-N756!'TSPKANKEI	54	>EGFR-N756!'TSPKASKEI	31	23
>EGFR-N756!'TSPKANKEIL	9	>EGFR-N756!'TSPKASKEIL	6	3
>EGFR-N756!'TSPKANKEI	159	>EGFR-N756!'TSPKASKEI	164	5
>EGFR-N756!'ATSPKANK	145	>EGFR-N756!'ATSPKASK	136	9
>EGFR-N756!'ATSPKANK	29	>EGFR-N756!'ATSPKASK	27	2
>EGFR-N756!'ATSPKANK	36	>EGFR-N756!'ATSPKASK	28	8
>EGFR-N756!'ATSPKANK	389	>EGFR-N756!'ATSPKASK	665	276
>EGFR-N756!'ATSPKANK	445	>EGFR-N756!'ATSPKASK	359	86
>EGFR-N756!'ATSPKANKEI	35	>EGFR-N756!'ATSPKASKEI	15	20
>EGFR-N756!'ATSPKANKEIL	55	>EGFR-N756!'ATSPKASKEIL	20	35
>EGFR-N756!'ATSPKANKEIL	468	>EGFR-N756!'ATSPKASKEIL	373	95
>EGFR-N756!'ATSPKANKEI	347	>EGFR-N756!'ATSPKASKEI	148	199
>EGFR-N756!'ATSPKANKEIL	295	>EGFR-N756!'ATSPKASKEIL	79	216
>EGFR-N756!'ATSPKANK	121	>EGFR-N756!'ATSPKASK	176	55
>EGFR-N756!'ATSPKANKEIL	716	>EGFR-N756!'ATSPKASKEIL	407	309
>EGFR-N756!'EATSPKANK	18	>EGFR-N756!'EATSPKASK	17	1
>EGFR-N756!'EATSPKANKE	158	>EGFR-N756!'EATSPKASKEI	154	4
>EGFR-N756!'EATSPKANKE	549	>EGFR-N756!'EATSPKASKEI	453	96
>EGFR-N756!'NKEILDEAY	2116	>EGFR-N756!'YKEILDEAY	283	1833
>EGFR-N756!'NKEILDEAYVI	676	>EGFR-N756!'YKEILDEAYVI	241	435
>EGFR-N756!'ANKEILDEAY'	2301	>EGFR-N756!'AYKEILDEAY\	496	1805

>EGFR-N756' ANKEILDEAY\	7970	>EGFR-N756' AYKEILDEAY\	440	7530
>EGFR-N756' ANKEILDEAY	2857	>EGFR-N756' AYKEILDEAY	89	2768
>EGFR-N756' ANKEILDEAY\	5238	>EGFR-N756' AYKEILDEAY\	319	4919
>EGFR-N756' ELREATSPKA\	17229	>EGFR-N756' ELREATSPKA\	248	16981
>EGFR-N756' ELREATSPKA\	17538	>EGFR-N756' ELREATSPKA\	109	17429
>EGFR-N756' ELREATSPKA\	12276	>EGFR-N756' ELREATSPKA\	17	12259
>EGFR-N756' ELREATSPKA\	15904	>EGFR-N756' ELREATSPKA\	179	15725
>EGFR-N756' ELREATSPKA\	11743	>EGFR-N756' ELREATSPKA\	39	11704
>EGFR-N756' ELREATSPKA\	15087	>EGFR-N756' ELREATSPKA\	93	14994
>EGFR-N756' ELREATSPKA\	20577	>EGFR-N756' ELREATSPKA\	279	20298
>EGFR-N756' KANKEILDEA\	126	>EGFR-N756' KAYKEILDEA\	188	62
>EGFR-N756' KANKEILDEA\	385	>EGFR-N756' KAYKEILDEA\	352	33
>EGFR-N756' KANKEILDEA\	255	>EGFR-N756' KAYKEILDEA\	130	125
>EGFR-N756' KANKEILDEA\	293	>EGFR-N756' KAYKEILDEA\	45	248
>EGFR-N756' KANKEILDEA\	140	>EGFR-N756' KAYKEILDEA\	13	127
>EGFR-N756' KANKEILDEA\	200	>EGFR-N756' KAYKEILDEA\	96	104
>EGFR-N756' KANKEILDEA\	894	>EGFR-N756' KAYKEILDEA\	319	575
>EGFR-N756' KANKEILDEA\	86	>EGFR-N756' KAYKEILDEA\	63	23
>EGFR-N756' KANKEILDEA\	473	>EGFR-N756' KAYKEILDEA\	349	124
>EGFR-N756' SPKANKEI	133	>EGFR-N756' SPKAYKEI	382	249
>EGFR-N756' SPKANKEIL	187	>EGFR-N756' SPKAYKEIL	1982	1795
>EGFR-N756' SPKANKEIL	193	>EGFR-N756' SPKAYKEIL	193	0
>EGFR-N756' SPKANKEI	1303	>EGFR-N756' SPKAYKEI	276	1027
>EGFR-N756' SPKANKEIL	515	>EGFR-N756' SPKAYKEIL	95	420
>EGFR-N756' TSPKANKE	3523	>EGFR-N756' TSPKAYKE	301	3222
>EGFR-N756' TSPKANKEI	54	>EGFR-N756' TSPKAYKEI	26	28
>EGFR-N756' TSPKANKEIL	9	>EGFR-N756' TSPKAYKEIL	5	4
>EGFR-N756' TSPKANKEI	159	>EGFR-N756' TSPKAYKEI	133	26
>EGFR-N756' ATSPKANK	145	>EGFR-N756' ATSPKAYK	89	56
>EGFR-N756' ATSPKANK	29	>EGFR-N756' ATSPKAYK	13	16
>EGFR-N756' ATSPKANK	36	>EGFR-N756' ATSPKAYK	19	17
>EGFR-N756' ATSPKANK	389	>EGFR-N756' ATSPKAYK	57	332
>EGFR-N756' ATSPKANK	445	>EGFR-N756' ATSPKAYK	113	332
>EGFR-N756' ATSPKANKEI	35	>EGFR-N756' ATSPKAYKEI	33	2
>EGFR-N756' ATSPKANKEIL	55	>EGFR-N756' ATSPKAYKEIL	34	21
>EGFR-N756' ATSPKANKEII	468	>EGFR-N756' ATSPKAYKEIL	220	248
>EGFR-N756' ATSPKANKEI	347	>EGFR-N756' ATSPKAYKEI	449	102
>EGFR-N756' ATSPKANKEII	295	>EGFR-N756' ATSPKAYKEIL	239	56
>EGFR-N756' ATSPKANK	121	>EGFR-N756' ATSPKAYK	104	17
>EGFR-N756' EATSPKAN	24065	>EGFR-N756' EATSPKAY	100	23965
>EGFR-N756' EATSPKANK	18	>EGFR-N756' EATSPKAYK	6	12
>EGFR-N756' EATSPKANKE	158	>EGFR-N756' EATSPKAYKEI	122	36
>EGFR-N756' EATSPKANKE	549	>EGFR-N756' EATSPKAYKEI	344	205

>EGFR-N756'EATSPKAN	14565	>EGFR-N756'EATSPKAY	50	14515
>EGFR-N756'REATSPKAN	6760	>EGFR-N756'REATSPKAY	11	6749
>EGFR-N756'REATSPKAN	19223	>EGFR-N756'REATSPKAY	466	18757
>EGFR-N756'REATSPKAN	4932	>EGFR-N756'REATSPKAY	204	4728
>EGFR-N756'REATSPKAN	7815	>EGFR-N756'REATSPKAY	161	7654
>EGFR-N756'LREATSPKAN	10737	>EGFR-N756'LREATSPKAY	138	10599
>EGFR-N756'LREATSPKAN	9122	>EGFR-N756'LREATSPKAY	193	8929
>EGFR-N826'NYLED RRL	1050	>EGFR-N826'SYLED RRL	119	931
>EGFR-N826'NYLED RRL	81	>EGFR-N826'SYLED RRL	32	49
>EGFR-N826'NYLED RRLVH	159	>EGFR-N826'SYLED RRLVH	32	127
>EGFR-N826'NYLED RRLVH	17	>EGFR-N826'SYLED RRLVH	56	39
>EGFR-N826'NYLED RRLVH	26	>EGFR-N826'SYLED RRLVH	28	2
>EGFR-N826'MNYLED RRL	536	>EGFR-N826'MSYLED RRL	336	200
>EGFR-N826'MNYLED RRL	4111	>EGFR-N826'MSYLED RRL	155	3956
>EGFR-N826'MNYLED RRL	145	>EGFR-N826'MSYLED RRL	13	132
>EGFR-N826'MNYLED RRL	10936	>EGFR-N826'MSYLED RRL	9	10927
>EGFR-N826'MNYLED RRLV	23630	>EGFR-N826'MSYLED RRLV	241	23389
>EGFR-N826'MNYLED RRL	474	>EGFR-N826'MSYLED RRL	708	234
>EGFR-N826'MNYLED RRL	3859	>EGFR-N826'MSYLED RRL	213	3646
>EGFR-N826'GMNYLED RRL	308	>EGFR-N826'GMSYLED RRL	89	219
>EGFR-N826'GMNYLED RRL	54	>EGFR-N826'GMSYLED RRL	29	25
>EGFR-N826'GMNYLED RRL	42	>EGFR-N826'GMSYLED RRL	62	20
>EGFR-N826'GMNYLED RRL	61	>EGFR-N826'GMSYLED RRL	138	77
>EGFR-N826'GMNYLED RRL	95	>EGFR-N826'GMSYLED RRL	121	26
>EGFR-N826'GMNYLED RRL	75	>EGFR-N826'GMSYLED RRL	82	7
>EGFR-N826'GMNYLED RRL	39	>EGFR-N826'GMSYLED RRL	33	6
>EGFR-N826'GMNYLED R	92	>EGFR-N826'GMSYLED R	493	401
>EGFR-N826'GMNYLED RRL	155	>EGFR-N826'GMSYLED RRL	825	670
>EGFR-N826'GMNYLED RRL	895	>EGFR-N826'GMSYLED RRL	448	447
>EGFR-N826'KGMNYLED R	159	>EGFR-N826'KGMSYLED R	109	50
>EGFR-N826'KGMNYLED R	481	>EGFR-N826'KGMSYLED R	480	1
>EGFR-N826'KGMNYLED R	425	>EGFR-N826'KGMSYLED R	286	139
>EGFR-N826'KGMNYLED R	306	>EGFR-N826'KGMSYLED R	228	78
>EGFR-N826'IAKGMNYLED	143	>EGFR-N826'IAKGMSYLED	137	6
>EGFR-N826'IAKGMNYLED	310	>EGFR-N826'IAKGMSYLED	391	81
>EGFR-N826'IAKGMNYLED	174	>EGFR-N826'IAKGMSYLED	175	1
>EGFR-N826'IAKGMNYL	365	>EGFR-N826'IAKGMSYL	44	321
>EGFR-N826'QIAKGMNYL	15	>EGFR-N826'QIAKGMSYL	27	12
>EGFR-N826'QIAKGMNYL	164	>EGFR-N826'QIAKGMSYL	49	115
>EGFR-N826'QIAKGMNYL	81	>EGFR-N826'QIAKGMSYL	96	15
>EGFR-N826'QIAKGMNY	769	>EGFR-N826'QIAKGMSY	138	631
>EGFR-N826'QIAKGMNY	522	>EGFR-N826'QIAKGMSY	188	334
>EGFR-N826'QIAKGMNY	124	>EGFR-N826'QIAKGMSY	141	17

>EGFR-N826:QIAKGMNYL	88	>EGFR-N826:QIAKGMSYL	54	34
>EGFR-N826:QIAKGMNY	90	>EGFR-N826:QIAKGMSY	86	4
>EGFR-N826:QIAKGMNY	274	>EGFR-N826:QIAKGMSY	126	148
>EGFR-N826:QIAKGMNYL	48	>EGFR-N826:QIAKGMSYL	68	20
>EGFR-N826:QIAKGMNYL	142	>EGFR-N826:QIAKGMSYL	166	24
>EGFR-N826:QIAKGMNY	24	>EGFR-N826:QIAKGMSY	41	17
>EGFR-N826:QIAKGMNY	685	>EGFR-N826:QIAKGMSY	125	560
>EGFR-N826:QIAKGMNY	269	>EGFR-N826:QIAKGMSY	126	143
>EGFR-N826:QIAKGMNYL	2392	>EGFR-N826:QIAKGMSYL	221	2171
>EGFR-N826:QIAKGMNY	1672	>EGFR-N826:QIAKGMSY	399	1273
>EGFR-N826:VQIAKGMNY	300	>EGFR-N826:VQIAKGMSYI	176	124
>EGFR-N826:VQIAKGMNY	332	>EGFR-N826:VQIAKGMSYI	124	208
>EGFR-N826:VQIAKGMNY	327	>EGFR-N826:VQIAKGMSY	334	7
>EGFR-N826:VQIAKGMNY	761	>EGFR-N826:VQIAKGMSY	274	487
>EGFR-N826:VQIAKGMNY	22	>EGFR-N826:VQIAKGMSY	64	42
>EGFR-N826:VQIAKGMNY	63	>EGFR-N826:VQIAKGMSY	43	20
>EGFR-N826:VQIAKGMNY	344	>EGFR-N826:VQIAKGMSYI	148	196
>EGFR-N826:VQIAKGMNY	192	>EGFR-N826:VQIAKGMSY	103	89
>EGFR-N826:VQIAKGMNY	8	>EGFR-N826:VQIAKGMSY	5	3
>EGFR-N826:VQIAKGMNY	73	>EGFR-N826:VQIAKGMSYI	36	37
>EGFR-N826:CVQIAKGMN	329	>EGFR-N826:CVQIAKGMS'	387	58
>EGFR-N826:CVQIAKGMN	301	>EGFR-N826:CVQIAKGMS'	744	443
>EGFR-N826:CVQIAKGMN	969	>EGFR-N826:CVQIAKGMS'	410	559
>EGFR-N826:WCVQIAKGM	249	>EGFR-N826:WCVQIAKGM	332	83
>EGFR-N826:WCVQIAKGM	454	>EGFR-N826:WCVQIAKGM	1153	699
>EGFR-N826:WCVQIAKGM	1269	>EGFR-N826:WCVQIAKGM	472	797
>EGFR-N826:WCVQIAKGM	127	>EGFR-N826:WCVQIAKGM	57	70
>EGFR-N842 NVLVKTPQH\	424	>EGFR-N842 DVLVKTPQH\	1995	1571
>EGFR-N842 NVLVKTPQH\	178	>EGFR-N842 DVLVKTPQH\	513	335
>EGFR-N842 NVLVKTPQH\	179	>EGFR-N842 DVLVKTPQH\	638	459
>EGFR-N842 NVLVKTPQH\	269	>EGFR-N842 DVLVKTPQH\	1162	893
>EGFR-N842 NVLVKTPQH\	225	>EGFR-N842 DVLVKTPQH\	1725	1500
>EGFR-N842 NVLVKTPQH\	318	>EGFR-N842 DVLVKTPQH\	251	67
>EGFR-N842 NVLVKTPQH\	29	>EGFR-N842 DVLVKTPQH\	33	4
>EGFR-N842 AARNVLVK	338	>EGFR-N842 AARDVLVK	999	661
>EGFR-N842 AARNVLVK	5	>EGFR-N842 AARDVLVK	6	1
>EGFR-N842 AARNVLVKTF	404	>EGFR-N842 AARDVLVKTF	557	153
>EGFR-N842 LAARNVLV	312	>EGFR-N842 LAARDVLV	439	127
>EGFR-N842 LAARNVLV	497	>EGFR-N842 LAARDVLV	724	227
>EGFR-N842 LAARNVLV	337	>EGFR-N842 LAARDVLV	311	26
>EGFR-N842 LAARNVLV	54	>EGFR-N842 LAARDVLV	77	23
>EGFR-N842 LAARNVLVK	458	>EGFR-N842 LAARDVLVK	1382	924
>EGFR-N842 LAARNVLVK	230	>EGFR-N842 LAARDVLVK	426	196

>EGFR-N842ILAARNVLVK	398	>EGFR-N842ILAARDVLVK	2814	2416
>EGFR-N842ILAARNVLVK	267	>EGFR-N842ILAARDVLVK	540	273
>EGFR-N842ILAARNVLV	119	>EGFR-N842ILAARDVLV	234	115
>EGFR-N842IDLAARNVLV	88	>EGFR-N842IDLAARDVLV	227	139
>EGFR-N842IDLAARNVLV	340	>EGFR-N842IDLAARDVLV	713	373
>EGFR-N842IDLAARNVLV	65	>EGFR-N842IDLAARDVLV	43	22
>EGFR-N842IDLAARNVLV	158	>EGFR-N842IDLAARDVLV	797	639
>EGFR-N842IDLAARNVL	326	>EGFR-N842IDLAARDVL	458	132
>EGFR-N842IDLAARNVLV	17	>EGFR-N842IDLAARDVLV	22	5
>EGFR-N842IDLAARNVLV	382	>EGFR-N842IDLAARDVLV	1435	1053
>EGFR-N842IDLAARNVLV	64	>EGFR-N842IDLAARDVLV	95	31
>EGFR-N842IDLAARNVLV	334	>EGFR-N842IDLAARDVLV	2674	2340
>EGFR-N842IRDLAARNVL	377	>EGFR-N842IRDLAARDVLV	1382	1005
>EGFR-N842IRDLAARNVL	97	>EGFR-N842IRDLAARDVL	125	28
>EGFR-N842IRDLAARNV	187	>EGFR-N842IRDLAARDV	154	33
>EGFR-N842IRDLAARNVL	656	>EGFR-N842IRDLAARDVL	471	185
>EGFR-N842IRDLAARNV	210	>EGFR-N842IRDLAARDV	215	5
>EGFR-N842IRDLAARNVL	96	>EGFR-N842IRDLAARDVLV	77	19
>EGFR-N842HRDLAARNVI	62	>EGFR-N842HRDLAARDVI	107	45
>EGFR-N842HRDLAARNVI	21	>EGFR-N842HRDLAARDVI	34	13
>EGFR-N842HRDLAARNVI	347	>EGFR-N842HRDLAARDVI	683	336
>EGFR-N842IVHRDLAARN'	471	>EGFR-N842IVHRDLAARD'	1287	816
>EGFR-N842LVHRDLAARN	138	>EGFR-N842LVHRDLAARE	411	273
>EGFR-N842LVHRDLAARN	72	>EGFR-N842LVHRDLAARE	122	50
>EGFR-N842LVHRDLAARN	474	>EGFR-N842LVHRDLAARE	1871	1397
>EGFR-P1367PMRNLQEI	3095	>EGFR-P1367TMRNLQEI	91	3004
>EGFR-P1367PMRNLQEI	976	>EGFR-P1367TMRNLQEI	164	812
>EGFR-P1367PMRNLQEI	736	>EGFR-P1367TMRNLQEI	68	668
>EGFR-P1367PMRNLQEIL	1784	>EGFR-P1367TMRNLQEIL	281	1503
>EGFR-P1367PMRNLQEI	1104	>EGFR-P1367TMRNLQEI	468	636
>EGFR-P1367LPMRNLQEI	1763	>EGFR-P1367LTMRNLQEI	168	1595
>EGFR-P1367LPMRNLQEI	61	>EGFR-P1367LTMRNLQEI	32277	32216
>EGFR-P1367LPMRNLQEIL	133	>EGFR-P1367LTMRNLQEIL	32840	32707
>EGFR-P1367LPMRNLQEI	16412	>EGFR-P1367LTMRNLQEI	266	16146
>EGFR-P1367LPMRNLQEIL	11851	>EGFR-P1367LTMRNLQEIL	471	11380
>EGFR-P1367LPMRNLQEI	15567	>EGFR-P1367LTMRNLQEI	231	15336
>EGFR-P1367LPMRNLQEI	12238	>EGFR-P1367LTMRNLQEI	121	12117
>EGFR-P1367LPMRNLQEI	14612	>EGFR-P1367LTMRNLQEI	237	14375
>EGFR-P1367LPMRNLQEI	16297	>EGFR-P1367LTMRNLQEI	451	15846
>EGFR-P1367LPMRNLQEI	17082	>EGFR-P1367LTMRNLQEI	169	16913
>EGFR-P1367LPMRNLQEI	3768	>EGFR-P1367LTMRNLQEI	404	3364
>EGFR-P1367LPMRNLQEI	38	>EGFR-P1367LTMRNLQEI	15055	15017
>EGFR-P1367LPMRNLQEIL	181	>EGFR-P1367LTMRNLQEIL	25515	25334

>EGFR-P1367LPMRNLQEI	23556	>EGFR-P1367LTMRNLQEI	91	23465
>EGFR-P1367LPMRNLQEIL	24124	>EGFR-P1367LTMRNLQEIL	160	23964
>EGFR-P1367LPMRNLQEIL	134	>EGFR-P1367LTMRNLQEIL	23865	23731
>EGFR-P1367LPMRNLQEIL	265	>EGFR-P1367LTMRNLQEIL	12124	11859
>EGFR-P1367LPMRNLQEI	61	>EGFR-P1367LTMRNLQEI	13280	13219
>EGFR-P1367LPMRNLQEI	333	>EGFR-P1367LTMRNLQEI	20485	20152
>EGFR-P1367LPMRNLQEI	157	>EGFR-P1367LTMRNLQEI	25618	25461
>EGFR-P1367LPMRNLQEI	19654	>EGFR-P1367LTMRNLQEI	194	19460
>EGFR-P1367LPMRNLQEIL	18030	>EGFR-P1367LTMRNLQEIL	103	17927
>EGFR-P1367LPMRNLQEIL	12807	>EGFR-P1367LTMRNLQEIL	57	12750
>EGFR-P1367LPMRNLQEI	3513	>EGFR-P1367LTMRNLQEI	72	3441
>EGFR-P1367ELPMRNLQEI	126	>EGFR-P1367ELTMRNLQEI	59	67
>EGFR-P1367ELPMRNLQEI	280	>EGFR-P1367ELTMRNLQEI	148	132
>EGFR-P1367KELPMRNL	607	>EGFR-P1367KELTMRNL	151	456
>EGFR-P1367KELPMRNLQI	15	>EGFR-P1367KELTMRNLQI	10	5
>EGFR-P1367KELPMRNL	153	>EGFR-P1367KELTMRNL	98	55
>EGFR-P1367KELPMRNLQI	365	>EGFR-P1367KELTMRNLQI	225	140
>EGFR-P1367KELPMRNL	51	>EGFR-P1367KELTMRNL	56	5
>EGFR-P1367KELPMRNLQI	40	>EGFR-P1367KELTMRNLQI	48	8
>EGFR-P1367KELPMRNL	183	>EGFR-P1367KELTMRNL	322	139
>EGFR-P1367KELPMRNLQ	687	>EGFR-P1367KELTMRNLQ	159	528
>EGFR-P1367KELPMRNLQI	5	>EGFR-P1367KELTMRNLQI	3	2
>EGFR-P1367GLKELPMRNI	135	>EGFR-P1367GLKELTMRNI	170	35
>EGFR-P1367GLKELPMRNI	158	>EGFR-P1367GLKELTMRNI	136	22
>EGFR-P1367GLKELPMRNI	377	>EGFR-P1367GLKELTMRNI	595	218
>EGFR-P1367GLKELPMRNI	454	>EGFR-P1367GLKELTMRNI	265	189
>EGFR-P1367GLKELPMRNI	103	>EGFR-P1367GLKELTMRNI	57	46
>EGFR-P1367GLKELPMR	155	>EGFR-P1367GLKELTMR	68	87
>EGFR-P1367KTGLKELPMF	150	>EGFR-P1367KTGLKELTMR	77	73
>EGFR-P1367KTGLKELPM	1065	>EGFR-P1367KTGLKELTM	415	650
>EGFR-P1367KTGLKELPM	14	>EGFR-P1367KTGLKELTM	11	3
>EGFR-P1367KTGLKELPM	4026	>EGFR-P1367KTGLKELTM	495	3531
>EGFR-P1367KTGLKELPMF	163	>EGFR-P1367KTGLKELTMR	201	38
>EGFR-P596LCPAGVMGEN	29244	>EGFR-P596LCLAGVMGEN	472	28772
>EGFR-P596LCPAGVMGEN	289	>EGFR-P596LCLAGVMGEN	29806	29517
>EGFR-P596LKTCPAGVM	7	>EGFR-P596LKTCLAGVM	12	5
>EGFR-P596LKTCPAGVM	497	>EGFR-P596LKTCLAGVM	1966	1469
>EGFR-P596LKTCPAGVM	441	>EGFR-P596LKTCLAGVM	170	271
>EGFR-P596LKTCPAGVM	56	>EGFR-P596LKTCLAGVM	244	188
>EGFR-P596LVKTCPAGVM	271	>EGFR-P596LVKTCLAGVM	729	458
>EGFR-P596LVKTCPAGVM	350	>EGFR-P596LVKTCLAGVM	377	27
>EGFR-P596LCVKTCPAGV	70	>EGFR-P596LCVKTCLAGV	28	42
>EGFR-P596LCVKTCPAGV	6534	>EGFR-P596LCVKTCLAGV	303	6231

>EGFR-P596L CVKTC PAGV	128	>EGFR-P596L CVKTCLAGV	99	29
>EGFR-P596L HCVKTC PAGV	165	>EGFR-P596L HCVKTCLAGV	142	23
>EGFR-P596L GPHCVKTC P	26650	>EGFR-P596L GPHCVKTCL	378	26272
>EGFR-P596L GPHCVKTC P/	364	>EGFR-P596L GPHCVKTCLA	429	65
>EGFR-P596L DGPHCVKTCI	322	>EGFR-P596L DGPHCVKTCI	107	215
>EGFR-P596L DGPHCVKTCI	234	>EGFR-P596L DGPHCVKTCI	181	53
>EGFR-P691S PLTPSGEA	8296	>EGFR-P691S SLTPSGEA	446	7850
>EGFR-P691S PLTPSGEA	5683	>EGFR-P691S SLTPSGEA	109	5574
>EGFR-P691S PLTPSGEA	4389	>EGFR-P691S SLTPSGEA	175	4214
>EGFR-P691S PLTPSGEA	3694	>EGFR-P691S SLTPSGEA	62	3632
>EGFR-P691S PLTPSGEA	247	>EGFR-P691S SLTPSGEA	11	236
>EGFR-P691S PLTPSGEAPN	1234	>EGFR-P691S SLTPSGEAPN	59	1175
>EGFR-P691S EPLTPSGEA	8393	>EGFR-P691S ESLTPSGEA	270	8123
>EGFR-P691S EPLTPSGEA	294	>EGFR-P691S ESLTPSGEA	220	74
>EGFR-P691S EPLTPSGEA	192	>EGFR-P691S ESLTPSGEA	28885	28693
>EGFR-P691S VEPLTPSGEA	641	>EGFR-P691S VESLTPSGEA	282	359
>EGFR-P691S ELVEPLTPS	455	>EGFR-P691S ELVESLTPS	1462	1007
>EGFR-P691S RELVEPLT	318	>EGFR-P691S RELVESLT	315	3
>EGFR-P691S RELVEPLTPS	500	>EGFR-P691S RELVESLTPS	417	83
>EGFR-P691S RELVEPLT	488	>EGFR-P691S RELVESLT	729	241
>EGFR-P691S RELVEPLTPSC	502	>EGFR-P691S RELVESLTPSC	436	66
>EGFR-P691S ERELVEPL	497	>EGFR-P691S ERELVESL	934	437
>EGFR-P691S QERELVEPL	172	>EGFR-P691S QERELVESL	167	5
>EGFR-P691S QERELVEPL	34	>EGFR-P691S QERELVESL	59	25
>EGFR-P691S QERELVEPL	293	>EGFR-P691S QERELVESL	484	191
>EGFR-P691S QERELVEPL	26	>EGFR-P691S QERELVESL	40	14
>EGFR-P691S QERELVEPLT	517	>EGFR-P691S QERELVESLT	446	71
>EGFR-P691S QERELVEPL	9	>EGFR-P691S QERELVESL	11	2
>EGFR-P691S LLQERELVEPI	40	>EGFR-P691S LLQERELVESL	53	13
>EGFR-P691S LLQERELVEPI	30	>EGFR-P691S LLQERELVESL	36	6
>EGFR-P691S LLQERELVEPI	78	>EGFR-P691S LLQERELVESL	106	28
>EGFR-P691S LLQERELVEPI	154	>EGFR-P691S LLQERELVESL	297	143
>EGFR-P691S LLQERELVEPI	9	>EGFR-P691S LLQERELVESL	10	1
>EGFR-P691S LLQERELVEPI	10	>EGFR-P691S LLQERELVESL	12	2
>EGFR-P691S LLQERELVEPI	66	>EGFR-P691S LLQERELVESL	78	12
>EGFR-P691S LLQERELVEPI	115	>EGFR-P691S LLQERELVESL	79	36
>EGFR-P691S LLQERELVEP	2898	>EGFR-P691S LLQERELVES	239	2659
>EGFR-P691S LLQERELVEPI	4	>EGFR-P691S LLQERELVESL	3	1
>EGFR-P691S LLQERELVEPI	436	>EGFR-P691S LLQERELVESL	327	109
>EGFR-P691S LLQERELVEPI	394	>EGFR-P691S LLQERELVESL	606	212
>EGFR-P694L PSGEAPNQAI	13322	>EGFR-P694L LSGEAPNQAI	354	12968
>EGFR-P694L PSGEAPNQAI	10854	>EGFR-P694L LSGEAPNQAI	266	10588
>EGFR-P694L PSGEAPNQAI	3137	>EGFR-P694L LSGEAPNQAI	127	3010

>EGFR-P694L PSGEAPNQAI	6441	>EGFR-P694L LSGEAPNQAI	263	6178
>EGFR-P694L PSGEAPNQAI	7546	>EGFR-P694L LSGEAPNQAI	410	7136
>EGFR-P694L TPSGEAPNQ/	27024	>EGFR-P694L TLSGEAPNQ/	312	26712
>EGFR-P694L TPSGEAPNQ/	23367	>EGFR-P694L TLSGEAPNQ/	21	23346
>EGFR-P694L TPSGEAPNQ/	22436	>EGFR-P694L TLSGEAPNQ/	190	22246
>EGFR-P694L TPSGEAPNQ/	23432	>EGFR-P694L TLSGEAPNQ/	219	23213
>EGFR-P694L TPSGEAPNQ/	26120	>EGFR-P694L TLSGEAPNQ/	113	26007
>EGFR-P694L TPSGEAPNQ/	25212	>EGFR-P694L TLSGEAPNQ/	408	24804
>EGFR-P694L TPSGEAPNQ/	25095	>EGFR-P694L TLSGEAPNQ/	362	24733
>EGFR-P694L TPSGEAPNQ/	25110	>EGFR-P694L TLSGEAPNQ/	342	24768
>EGFR-P694L TPSGEAPNQ/	23571	>EGFR-P694L TLSGEAPNQ/	406	23165
>EGFR-P694L TPSGEAPNQ/	24365	>EGFR-P694L TLSGEAPNQ/	174	24191
>EGFR-P694L TPSGEAPNQ	36386	>EGFR-P694L TLSGEAPNQ	171	36215
>EGFR-P694L TPSGEAPNQ/	33970	>EGFR-P694L TLSGEAPNQ/	21	33949
>EGFR-P694L TPSGEAPNQ/	29275	>EGFR-P694L TLSGEAPNQ/	7	29268
>EGFR-P694L TPSGEAPNQ/	99	>EGFR-P694L TLSGEAPNQ/	13527	13428
>EGFR-P694L TPSGEAPNQ/	144	>EGFR-P694L TLSGEAPNQ/	5536	5392
>EGFR-P694L TPSGEAPNQ/	28	>EGFR-P694L TLSGEAPNQ/	268	240
>EGFR-P694L QERELVEPLTI	4457	>EGFR-P694L QERELVEPLTI	122	4335
>EGFR-P694L QERELVEPLTI	4524	>EGFR-P694L QERELVEPLTI	100	4424
>EGFR-P694L QERELVEPLTI	2149	>EGFR-P694L QERELVEPLTI	31	2118
>EGFR-P694L LTPSGEAP	456	>EGFR-P694L LTLSGEAP	27999	27543
>EGFR-P694L LTPSGEAPNC	326	>EGFR-P694L LTLSGEAPNQ	23696	23370
>EGFR-P694L LTPSGEAPNC	333	>EGFR-P694L LTLSGEAPNQ	22989	22656
>EGFR-P694L PLTPSGEA	247	>EGFR-P694L PLTLSGEA	2200	1953
>EGFR-P694L EPLTPSGEA	294	>EGFR-P694L EPLTLSGEA	603	309
>EGFR-P694L EPLTPSGEA	192	>EGFR-P694L EPLTLSGEA	334	142
>EGFR-P694L VEPLTPSGEA	641	>EGFR-P694L VEPLTLSGEA	365	276
>EGFR-P694L ELVEPLTP	8335	>EGFR-P694L ELVEPLTL	22	8313
>EGFR-P694L ELVEPLTP	19182	>EGFR-P694L ELVEPLTL	130	19052
>EGFR-P694L ELVEPLTP	18786	>EGFR-P694L ELVEPLTL	267	18519
>EGFR-P694L ELVEPLTP	23186	>EGFR-P694L ELVEPLTL	288	22898
>EGFR-P694L ELVEPLTP	15153	>EGFR-P694L ELVEPLTL	20	15133
>EGFR-P694L ELVEPLTP	13127	>EGFR-P694L ELVEPLTL	226	12901
>EGFR-P694L ELVEPLTP	18575	>EGFR-P694L ELVEPLTL	295	18280
>EGFR-P694L ELVEPLTPS	455	>EGFR-P694L ELVEPLTLS	1330	875
>EGFR-P694L ELVEPLTP	10152	>EGFR-P694L ELVEPLTL	58	10094
>EGFR-P694L RELVEPLTP	10123	>EGFR-P694L RELVEPLTL	416	9707
>EGFR-P694L RELVEPLTP	4233	>EGFR-P694L RELVEPLTL	32	4201
>EGFR-P694L RELVEPLTP	4627	>EGFR-P694L RELVEPLTL	57	4570
>EGFR-P694L RELVEPLTP	2662	>EGFR-P694L RELVEPLTL	15	2647
>EGFR-P694L RELVEPLTP	11933	>EGFR-P694L RELVEPLTL	429	11504
>EGFR-P694L ERELVEPLTP	12766	>EGFR-P694L ERELVEPLTL	160	12606



>EGFR-P694L ERELVEPLTP	21063	>EGFR-P694L ERELVEPLTL	325	20738
>EGFR-P694L ERELVEPLTP	14130	>EGFR-P694L ERELVEPLTL	458	13672
>EGFR-P694S PSGEAPNQAI	3137	>EGFR-P694S SSGEAPNQAI	221	2916
>EGFR-P694S PSGEAPNQAI	7546	>EGFR-P694S SSGEAPNQAI	380	7166
>EGFR-P694S TPSGEAPNQ/	99	>EGFR-P694S TSSGEAPNQ/	16970	16871
>EGFR-P694S TPSGEAPNQ/	20903	>EGFR-P694S TSSGEAPNQ/	82	20821
>EGFR-P694S TPSGEAPNQ/	144	>EGFR-P694S TSSGEAPNQ/	3620	3476
>EGFR-P694S TPSGEAPNQ/	28	>EGFR-P694S TSSGEAPNQ/	354	326
>EGFR-P694S LTPSGEAP	456	>EGFR-P694S LTSSGEAP	22528	22072
>EGFR-P694S LTPSGEAPNC	326	>EGFR-P694S LTSSGEAPNQ	15801	15475
>EGFR-P694S LTPSGEAPNC	333	>EGFR-P694S LTSSGEAPNQ	16211	15878
>EGFR-P694S PLTPSGEA	247	>EGFR-P694S PLTSSGEA	620	373
>EGFR-P694S EPLTPSGEA	294	>EGFR-P694S EPLTSSGEA	737	443
>EGFR-P694S EPLTPSGEA	192	>EGFR-P694S EPLTSSGEA	612	420
>EGFR-P694S ELVEPLTSS	455	>EGFR-P694S ELVEPLTSS	1605	1150
>EGFR-P699S APNQALLRI	22	>EGFR-P699S ASNQALLRI	21308	21286
>EGFR-P699S APNQALLRIL	329	>EGFR-P699S ASNQALLRIL	30519	30190
>EGFR-P699S APNQALLRILI	8294	>EGFR-P699S ASNQALLRILI	115	8179
>EGFR-P699S APNQALLR	16974	>EGFR-P699S ASNQALLR	127	16847
>EGFR-P699S APNQALLRILI	2509	>EGFR-P699S ASNQALLRILI	11	2498
>EGFR-P699S APNQALLRILI	9539	>EGFR-P699S ASNQALLRILI	16	9523
>EGFR-P699S APNQALLR	9533	>EGFR-P699S ASNQALLR	182	9351
>EGFR-P699S APNQALLR	6593	>EGFR-P699S ASNQALLR	479	6114
>EGFR-P699S APNQALLRI	145	>EGFR-P699S ASNQALLRI	23161	23016
>EGFR-P699S APNQALLRIL	109	>EGFR-P699S ASNQALLRIL	21176	21067
>EGFR-P699S APNQALLRI	18817	>EGFR-P699S ASNQALLRI	33	18784
>EGFR-P699S APNQALLRIL	20997	>EGFR-P699S ASNQALLRIL	87	20910
>EGFR-P699S APNQALLRI	386	>EGFR-P699S ASNQALLRI	21549	21163
>EGFR-P699S APNQALLRI	20848	>EGFR-P699S ASNQALLRI	354	20494
>EGFR-P699S APNQALLRIL	293	>EGFR-P699S ASNQALLRIL	20139	19846
>EGFR-P699S APNQALLR	5984	>EGFR-P699S ASNQALLR	323	5661
>EGFR-P699S APNQALLRILI	4797	>EGFR-P699S ASNQALLRILI	312	4485
>EGFR-P699S APNQALLRI	3473	>EGFR-P699S ASNQALLRI	63	3410
>EGFR-P699S APNQALLRIL	24938	>EGFR-P699S ASNQALLRIL	303	24635
>EGFR-P699S EAPNQALLR	26	>EGFR-P699S EASNQALLR	7	19
>EGFR-P699S EAPNQALL	173	>EGFR-P699S EASNQALL	165	8
>EGFR-P699S EAPNQALLRII	136	>EGFR-P699S EASNQALLRII	12789	12653
>EGFR-P699S GEAPNQALL	250	>EGFR-P699S GEASNQALL	564	314
>EGFR-P699S GEAPNQALLF	42	>EGFR-P699S GEASNQALLF	70	28
>EGFR-P699S GEAPNQAL	22	>EGFR-P699S GEASNQAL	13	9
>EGFR-P699S GEAPNQALL	54	>EGFR-P699S GEASNQALL	25	29
>EGFR-P699S GEAPNQALLF	227	>EGFR-P699S GEASNQALLF	107	120
>EGFR-P699S GEAPNQAL	187	>EGFR-P699S GEASNQAL	142	45

>EGFR-P699S GEAPNQAL	731	>EGFR-P699S GEASNQAL	358	373
>EGFR-P699S GEAPNQALL	46	>EGFR-P699S GEASNQALL	19	27
>EGFR-P699S GEAPNQALLF	7	>EGFR-P699S GEASNQALLF	5	2
>EGFR-P699S TPSGEAPNQ/	99	>EGFR-P699S TPSGEASNQ/	61	38
>EGFR-P699S TPSGEAPNQ/	144	>EGFR-P699S TPSGEASNQ/	116	28
>EGFR-P699S TPSGEAPNQ/	28	>EGFR-P699S TPSGEASNQ/	22	6
>EGFR-P699S LTPSGEAP	456	>EGFR-P699S LTPSGEAS	1817	1361
>EGFR-P699S LTPSGEAPNC	326	>EGFR-P699S LTPSGEASNC	436	110
>EGFR-P699S LTPSGEAPNC	333	>EGFR-P699S LTPSGEASNC	162	171
>EGFR-P733L PEGEKVKIPV	932	>EGFR-P733L LEGEKVKIPV	86	846
>EGFR-P733L PEGEKVKIPV/	1026	>EGFR-P733L LEGEKVKIPV/	241	785
>EGFR-P733L IPEGEKVKIPV	31260	>EGFR-P733L ILEGEKVKIPV	187	31073
>EGFR-P733L IPEGEKVKIPV	19379	>EGFR-P733L ILEGEKVKIPV	16	19363
>EGFR-P733L IPEGEKVKIPV	23469	>EGFR-P733L ILEGEKVKIPV	143	23326
>EGFR-P733L IPEGEKVKIPV	23443	>EGFR-P733L ILEGEKVKIPV	76	23367
>EGFR-P733L IPEGEKVKI	33057	>EGFR-P733L ILEGEKVKI	23	33034
>EGFR-P733L IPEGEKVKIPV	19851	>EGFR-P733L ILEGEKVKIPV	3	19848
>EGFR-P733L IPEGEKVKIPV	188	>EGFR-P733L ILEGEKVKIPV	23108	22920
>EGFR-P733L IPEGEKVKI	142	>EGFR-P733L ILEGEKVKI	17778	17636
>EGFR-P733L IPEGEKVKIPV	311	>EGFR-P733L ILEGEKVKIPV	30325	30014
>EGFR-P733L WIPEGEKV	2791	>EGFR-P733L WILEGEKV	408	2383
>EGFR-P733L WIPEGEKV	298	>EGFR-P733L WILEGEKV	499	201
>EGFR-P733L WIPEGEKV	191	>EGFR-P733L WILEGEKV	43	148
>EGFR-P733L WIPEGEKV	25	>EGFR-P733L WILEGEKV	5	20
>EGFR-P733L WIPEGEKVKI	736	>EGFR-P733L WILEGEKVKI	72	664
>EGFR-P733L WIPEGEKV	1936	>EGFR-P733L WILEGEKV	90	1846
>EGFR-P733L WIPEGEKV	69	>EGFR-P733L WILEGEKV	12	57
>EGFR-P733L WIPEGEKVKI	1947	>EGFR-P733L WILEGEKVKI	214	1733
>EGFR-P733L WIPEGEKV	284	>EGFR-P733L WILEGEKV	10	274
>EGFR-P733L WIPEGEKVKI	7981	>EGFR-P733L WILEGEKVKI	481	7500
>EGFR-P733L WIPEGEKV	10	>EGFR-P733L WILEGEKV	6	4
>EGFR-P733L WIPEGEKVKI	453	>EGFR-P733L WILEGEKVKI	198	255
>EGFR-P733L WIPEGEKV	381	>EGFR-P733L WILEGEKV	1634	1253
>EGFR-P733L WIPEGEKV	1630	>EGFR-P733L WILEGEKV	59	1571
>EGFR-P733L LWIPEGEKVK	158	>EGFR-P733L LWILEGEKVK	541	383
>EGFR-P733L LWIPEGEKVK	37	>EGFR-P733L LWILEGEKVK	172	135
>EGFR-P733L LWIPEGEKV	270	>EGFR-P733L LWILEGEKV	834	564
>EGFR-P733L LWIPEGEKVK	270	>EGFR-P733L LWILEGEKVK	666	396
>EGFR-P733L GLWIPEGEKV	1248	>EGFR-P733L GLWILEGEKV	320	928
>EGFR-P733L GLWIPEGEKV	251	>EGFR-P733L GLWILEGEKV	169	82
>EGFR-P733L GLWIPEGEKV	329	>EGFR-P733L GLWILEGEKV	244	85
>EGFR-P733L GLWIPEGEKV	790	>EGFR-P733L GLWILEGEKV	402	388
>EGFR-P733L GLWIPEGEKV	3	>EGFR-P733L GLWILEGEKV	4	1

>EGFR-P733L GLWIPEGEKV	28	>EGFR-P733L GLWILEGEKV	30	2
>EGFR-P733L GLWIPEGEKV	6	>EGFR-P733L GLWILEGEKV	6	0
>EGFR-P733L GLWIPEGEKV	87	>EGFR-P733L GLWILEGEKV	90	3
>EGFR-P733L GLWIPEGEKV	7	>EGFR-P733L GLWILEGEKV	7	0
>EGFR-P733L GLWIPEGEK	421	>EGFR-P733L GLWILEGEK	743	322
>EGFR-P733L KGLWIPEGEK	229	>EGFR-P733L KGLWILEGEK	284	55
>EGFR-P733L KGLWIPEGEK	499	>EGFR-P733L KGLWILEGEK	478	21
>EGFR-P733L VYKGLWIP	13267	>EGFR-P733L VYKGLWIL	298	12969
>EGFR-P733L VYKGLWIP	4480	>EGFR-P733L VYKGLWIL	164	4316
>EGFR-P733L VYKGLWIP	6926	>EGFR-P733L VYKGLWIL	27	6899
>EGFR-P733L TVYKGLWIP	20373	>EGFR-P733L TVYKGLWIL	124	20249
>EGFR-P733L TVYKGLWIP	18183	>EGFR-P733L TVYKGLWIL	329	17854
>EGFR-P733L TVYKGLWIP	14745	>EGFR-P733L TVYKGLWIL	161	14584
>EGFR-P733L TVYKGLWIP	2650	>EGFR-P733L TVYKGLWIL	11	2639
>EGFR-P733L TVYKGLWIP	15560	>EGFR-P733L TVYKGLWIL	216	15344
>EGFR-P733L TVYKGLWIP	20228	>EGFR-P733L TVYKGLWIL	268	19960
>EGFR-P733L TVYKGLWIP	17808	>EGFR-P733L TVYKGLWIL	119	17689
>EGFR-P733L TVYKGLWIP	23574	>EGFR-P733L TVYKGLWIL	38	23536
>EGFR-P733L TVYKGLWIP	16577	>EGFR-P733L TVYKGLWIL	137	16440
>EGFR-P733L TVYKGLWIP	15847	>EGFR-P733L TVYKGLWIL	256	15591
>EGFR-P733L TVYKGLWIP	8862	>EGFR-P733L TVYKGLWIL	72	8790
>EGFR-P733L TVYKGLWIP	24977	>EGFR-P733L TVYKGLWIL	399	24578
>EGFR-P733L GTVYKGLWIF	19137	>EGFR-P733L GTVYKGLWIL	42	19095
>EGFR-P733L GTVYKGLWIF	12559	>EGFR-P733L GTVYKGLWIL	105	12454
>EGFR-P733S PEGEKVKIPV	932	>EGFR-P733S SEGEKVKIPV	81	851
>EGFR-P733S PEGEKVKIPV	1026	>EGFR-P733S SEGEKVKIPV	27	999
>EGFR-P733S IPEGEKVKIPV	188	>EGFR-P733S ISEGEKVKIPV	24233	24045
>EGFR-P733S IPEGEKVKI	142	>EGFR-P733S ISEGEKVKI	8743	8601
>EGFR-P733S IPEGEKVKIPV	311	>EGFR-P733S ISEGEKVKIPV	27985	27674
>EGFR-P733S WIPEGEKV	1148	>EGFR-P733S WISEGEKV	185	963
>EGFR-P733S WIPEGEKV	298	>EGFR-P733S WISEGEKV	84	214
>EGFR-P733S WIPEGEKV	191	>EGFR-P733S WISEGEKV	162	29
>EGFR-P733S WIPEGEKV	25	>EGFR-P733S WISEGEKV	28	3
>EGFR-P733S WIPEGEKV	69	>EGFR-P733S WISEGEKV	51	18
>EGFR-P733S WIPEGEKV	284	>EGFR-P733S WISEGEKV	47	237
>EGFR-P733S WIPEGEKV	10	>EGFR-P733S WISEGEKV	7	3
>EGFR-P733S WIPEGEKVKI	453	>EGFR-P733S WISEGEKVKI	268	185
>EGFR-P733S WIPEGEKV	381	>EGFR-P733S WISEGEKV	389	8
>EGFR-P733S LWIPEGEKVK	158	>EGFR-P733S LWISEGEKVK	119	39
>EGFR-P733S LWIPEGEKVK	37	>EGFR-P733S LWISEGEKVK	70	33
>EGFR-P733S LWIPEGEKV	270	>EGFR-P733S LWISEGEKV	450	180
>EGFR-P733S LWIPEGEKVK	270	>EGFR-P733S LWISEGEKVK	389	119
>EGFR-P733S GLWIPEGEKV	1248	>EGFR-P733S GLWISEGEKV	479	769

>EGFR-P733SGLWIPEGEKV	251	>EGFR-P733SGLWISEGEKV	144	107
>EGFR-P733SGLWIPEGEKV	329	>EGFR-P733SGLWISEGEKV	280	49
>EGFR-P733SGLWIPEGEKV	3	>EGFR-P733SGLWISEGEKV	4	1
>EGFR-P733SGLWIPEGEKV	28	>EGFR-P733SGLWISEGEKV	23	5
>EGFR-P733SGLWIPEGEKV	6	>EGFR-P733SGLWISEGEKV	6	0
>EGFR-P733SGLWIPEGEKV	87	>EGFR-P733SGLWISEGEKV	56	31
>EGFR-P733SGLWIPEGEKV	7	>EGFR-P733SGLWISEGEKV	6	1
>EGFR-P733SGLWIPEGEK	421	>EGFR-P733SGLWISEGEK	360	61
>EGFR-P733SKGLWIPEGEK	229	>EGFR-P733SKGLWISEGEK	352	123
>EGFR-P733SKGLWIPEGEK	499	>EGFR-P733SKGLWISEGEK	427	72
>EGFR-P733IPEGEKVKIPV	932	>EGFR-P733ITEGEKVKIPV	86	846
>EGFR-P733IPEGEKVKIPV,	1026	>EGFR-P733ITEGEKVKIPV,	68	958
>EGFR-P733IPEGEKVKIPV	188	>EGFR-P733ITEGEKVKIPV	22705	22517
>EGFR-P733IPEGEKVKI	142	>EGFR-P733ITEGEKVKI	11251	11109
>EGFR-P733IPEGEKVKIPV	311	>EGFR-P733ITEGEKVKIPV	28609	28298
>EGFR-P733IWIPEGEKV	298	>EGFR-P733IWITEGEKV	413	115
>EGFR-P733IWIPEGEKV	191	>EGFR-P733IWITEGEKV	158	33
>EGFR-P733IWIPEGEKV	25	>EGFR-P733IWITEGEKV	37	12
>EGFR-P733IWIPEGEKV	69	>EGFR-P733IWITEGEKV	41	28
>EGFR-P733IWIPEGEKV	284	>EGFR-P733IWITEGEKV	188	96
>EGFR-P733IWIPEGEKV	10	>EGFR-P733IWITEGEKV	6	4
>EGFR-P733IWIPEGEKVKI	453	>EGFR-P733IWITEGEKVKI	209	244
>EGFR-P733IWIPEGEKV	381	>EGFR-P733IWITEGEKV	492	111
>EGFR-P733LWIPEGEKVK	158	>EGFR-P733LWITEGEKVK	461	303
>EGFR-P733LWIPEGEKVK	37	>EGFR-P733LWITEGEKVK	207	170
>EGFR-P733LWIPEGEKV	270	>EGFR-P733LWITEGEKV	579	309
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>EGFR-P733GLWIPEGEKV	251	>EGFR-P733GLWITEGEKV	187	64
>EGFR-P733GLWIPEGEKV	329	>EGFR-P733GLWITEGEKV	246	83
>EGFR-P733GLWIPEGEKV	790	>EGFR-P733GLWITEGEKV	386	404
>EGFR-P733GLWIPEGEKV	3	>EGFR-P733GLWITEGEKV	3	0
>EGFR-P733GLWIPEGEKV	28	>EGFR-P733GLWITEGEKV	17	11
>EGFR-P733GLWIPEGEKV	6	>EGFR-P733GLWITEGEKV	5	1
>EGFR-P733GLWIPEGEKV	87	>EGFR-P733GLWITEGEKV	46	41
>EGFR-P733GLWIPEGEKV	7	>EGFR-P733GLWITEGEKV	6	1
>EGFR-P733GLWIPEGEK	421	>EGFR-P733GLWITEGEK	800	379
>EGFR-P733KGLWIPEGEK	229	>EGFR-P733KGLWITEGEK	362	133
>EGFR-P733KGLWIPEGEK	499	>EGFR-P733KGLWITEGEK	459	40
>EGFR-P733TVYKGLWIP	2650	>EGFR-P733TVYKGLWIT	115	2535
>EGFR-P741F PVAIKELR	3344	>EGFR-P741F HVAIKELR	67	3277
>EGFR-P741F PVAIKELR	5378	>EGFR-P741F HVAIKELR	277	5101
>EGFR-P741F PVAIKELR	386	>EGFR-P741F HVAIKELR	11	375
>EGFR-P741F PVAIKELR	3536	>EGFR-P741F HVAIKELR	169	3367

>EGFR-P741FIPVAIKEL	25	>EGFR-P741FIHVAIKEL	23716	23691
>EGFR-P741FIPVAIKELR	150	>EGFR-P741FIHVAIKELR	356	206
>EGFR-P741FIPVAIKEL	151	>EGFR-P741FIHVAIKEL	25926	25775
>EGFR-P741FIPVAIKEL	406	>EGFR-P741FIHVAIKEL	21731	21325
>EGFR-P741FIPVAIKEL	340	>EGFR-P741FIHVAIKEL	20368	20028
>EGFR-P741FIPVAIKELREA	30	>EGFR-P741FIHVAIKELREA	12487	12457
>EGFR-P741FIPVAIKEL	248	>EGFR-P741FIHVAIKEL	18425	18177
>EGFR-P741FIPVAIKEL	498	>EGFR-P741FIHVAIKEL	25310	24812
>EGFR-P741FIPVAIKELR	547	>EGFR-P741FIHVAIKELR	434	113
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>EGFR-P741FKIPVAIKELR	11464	>EGFR-P741FKIHVAIKELR	358	11106
>EGFR-P741FKIPVAIKELR	78	>EGFR-P741FKIHVAIKELR	45	33
>EGFR-P741FKIPVAIKELR	68	>EGFR-P741FKIHVAIKELR	165	97
>EGFR-P741FKIPVAIKEL	331	>EGFR-P741FKIHVAIKEL	20971	20640
>EGFR-P741FKIPVAIKELR	66	>EGFR-P741FKIHVAIKELR	49	17
>EGFR-P741FKVIPVAIK	662	>EGFR-P741FKVIHVAIK	484	178
>EGFR-P741FKVIPVAIKEL	87	>EGFR-P741FKVIHVAIKEL	51	36
>EGFR-P741FKVKIPVAI	641	>EGFR-P741FKVKIHVAI	238	403
>EGFR-P741FKVKIPVAIKEL	1724	>EGFR-P741FKVKIHVAIKEL	370	1354
>EGFR-P741FKVKIPVAIK	124	>EGFR-P741FKVKIHVAIK	78	46
>EGFR-P741FKVKIPVAIK	183	>EGFR-P741FKVKIHVAIK	230	47
>EGFR-P741FKVKIPVAI	10	>EGFR-P741FKVKIHVAI	6	4
>EGFR-P741FKVKIPVAIK	4	>EGFR-P741FKVKIHVAIK	3	1
>EGFR-P741FKVKIPVAIKEL	29	>EGFR-P741FKVKIHVAIKEL	18	11
>EGFR-P741FKVKIPVAIK	43	>EGFR-P741FKVKIHVAIK	17	26
>EGFR-P741FKVKIPVAI	71	>EGFR-P741FKVKIHVAI	60	11
>EGFR-P741FKVKIPVAIKEL	148	>EGFR-P741FKVKIHVAIKEL	220	72
>EGFR-P741FEKVKIPVAI	151	>EGFR-P741FEKVKIHVAI	161	10
>EGFR-P741FEKVKIPVAI	444	>EGFR-P741FEKVKIHVAI	750	306
>EGFR-P741FGEKVKIPVAI	501	>EGFR-P741FGEKVKIHVAI	362	139
>EGFR-P741FGEKVKIPV	101	>EGFR-P741FGEKVKIHV	875	774
>EGFR-P741FGEKVKIPVA	118	>EGFR-P741FGEKVKIHVA	164	46
>EGFR-P741FGEKVKIPVAI	188	>EGFR-P741FGEKVKIHVAI	173	15
>EGFR-P741FGEKVKIPV	155	>EGFR-P741FGEKVKIHV	418	263
>EGFR-P741FGEKVKIPVA	26	>EGFR-P741FGEKVKIHVA	25	1
>EGFR-P741FGEKVKIPVA	132	>EGFR-P741FGEKVKIHVA	1066	934
>EGFR-P741FGEKVKIPVAI	45	>EGFR-P741FGEKVKIHVAI	169	124
>EGFR-P741FIPEGEKVKIPV	188	>EGFR-P741FIPEGEKVKIHV	3601	3413
>EGFR-P741FIPEGEKVKIPV	311	>EGFR-P741FIPEGEKVKIHV	2388	2077
>EGFR-P741LPVAIKELR	3344	>EGFR-P741LLVAIKELR	152	3192
>EGFR-P741LPVAIKELR	386	>EGFR-P741LLVAIKELR	25	361
>EGFR-P741LIPVAIKEL	25	>EGFR-P741LILVAIKEL	24017	23992
>EGFR-P741LIPVAIKEL	23572	>EGFR-P741LILVAIKEL	278	23294

>EGFR-P741L IPVAIKEL	16345	>EGFR-P741L ILVAIKEL	28	16317
>EGFR-P741L IPVAIKELREA	22767	>EGFR-P741L ILVAIKELREA	85	22682
>EGFR-P741L IPVAIKEL	20929	>EGFR-P741L ILVAIKEL	102	20827
>EGFR-P741L IPVAIKELREA	18508	>EGFR-P741L ILVAIKELREA	91	18417
>EGFR-P741L IPVAIKEL	17523	>EGFR-P741L ILVAIKEL	420	17103
>EGFR-P741L IPVAIKEL	23826	>EGFR-P741L ILVAIKEL	20	23806
>EGFR-P741L IPVAIKELREA	27818	>EGFR-P741L ILVAIKELREA	138	27680
>EGFR-P741L IPVAIKEL	25181	>EGFR-P741L ILVAIKEL	456	24725
>EGFR-P741L IPVAIKEL	26034	>EGFR-P741L ILVAIKEL	254	25780
>EGFR-P741L IPVAIKEL	30449	>EGFR-P741L ILVAIKEL	6	30443
>EGFR-P741L IPVAIKELREA	35581	>EGFR-P741L ILVAIKELREA	58	35523
>EGFR-P741L IPVAIKELR	3090	>EGFR-P741L ILVAIKELR	49	3041
>EGFR-P741L IPVAIKELR	3431	>EGFR-P741L ILVAIKELR	432	2999
>EGFR-P741L IPVAIKELR	150	>EGFR-P741L ILVAIKELR	25	125
>EGFR-P741L IPVAIKEL	151	>EGFR-P741L ILVAIKEL	21341	21190
>EGFR-P741L IPVAIKEL	406	>EGFR-P741L ILVAIKEL	17367	16961
>EGFR-P741L IPVAIKEL	340	>EGFR-P741L ILVAIKEL	28280	27940
>EGFR-P741L IPVAIKELREA	30	>EGFR-P741L ILVAIKELREA	20868	20838
>EGFR-P741L IPVAIKEL	248	>EGFR-P741L ILVAIKEL	11773	11525
>EGFR-P741L IPVAIKEL	498	>EGFR-P741L ILVAIKEL	25444	24946
>EGFR-P741L IPVAIKELR	547	>EGFR-P741L ILVAIKELR	131	416
>EGFR-P741L WIPEGEKVKII	28058	>EGFR-P741L WIPEGEKVKII	395	27663
>EGFR-P741L KIPVAIKEL	1025	>EGFR-P741L KILVAIKEL	227	798
>EGFR-P741L KIPVAIKEL	2379	>EGFR-P741L KILVAIKEL	303	2076
>EGFR-P741L KIPVAIKEL	3785	>EGFR-P741L KILVAIKEL	459	3326
>EGFR-P741L KIPVAIKELR	78	>EGFR-P741L KILVAIKELR	25	53
>EGFR-P741L KIPVAIKELR	68	>EGFR-P741L KILVAIKELR	161	93
>EGFR-P741L KIPVAIKEL	331	>EGFR-P741L KILVAIKEL	23823	23492
>EGFR-P741L KIPVAIKELR	66	>EGFR-P741L KILVAIKELR	36	30
>EGFR-P741L VKIPVAIKEL	87	>EGFR-P741L VKILVAIKEL	219	132
>EGFR-P741L KVKIPVAI	641	>EGFR-P741L KVKILVAI	232	409
>EGFR-P741L KVKIPVAIK	124	>EGFR-P741L KVKILVAIK	195	71
>EGFR-P741L KVKIPVAIK	183	>EGFR-P741L KVKILVAIK	171	12
>EGFR-P741L KVKIPVAI	10	>EGFR-P741L KVKILVAI	10	0
>EGFR-P741L KVKIPVAIK	4	>EGFR-P741L KVKILVAIK	4	0
>EGFR-P741L KVKIPVAIKEL	29	>EGFR-P741L KVKILVAIKEL	26	3
>EGFR-P741L KVKIPVAIK	43	>EGFR-P741L KVKILVAIK	23	20
>EGFR-P741L KVKIPVAI	71	>EGFR-P741L KVKILVAI	48	23
>EGFR-P741L KVKIPVAIKEL	148	>EGFR-P741L KVKILVAIKEL	279	131
>EGFR-P741L EKVKIPVAI	151	>EGFR-P741L EKVKILVAI	330	179
>EGFR-P741L EKVKIPVAI	444	>EGFR-P741L EKVKILVAI	2017	1573
>EGFR-P741L GEKVKIPV	1681	>EGFR-P741L GEKVKILV	196	1485
>EGFR-P741L GEKVKIPVAI	501	>EGFR-P741L GEKVKILVAI	177	324

>EGFR-P741L GEKVKIPV	101	>EGFR-P741L GEKVKILV	481	380
>EGFR-P741L GEKVKIPVA	118	>EGFR-P741L GEKVKILVA	121	3
>EGFR-P741L GEKVKIPVAI	188	>EGFR-P741L GEKVKILVAI	173	15
>EGFR-P741L GEKVKIPV	155	>EGFR-P741L GEKVKILV	450	295
>EGFR-P741L GEKVKIPVA	26	>EGFR-P741L GEKVKILVA	41	15
>EGFR-P741L GEKVKIPVA	132	>EGFR-P741L GEKVKILVA	677	545
>EGFR-P741L GEKVKIPVAI	45	>EGFR-P741L GEKVKILVAI	52	7
>EGFR-P741L PEGEKVKIPV	932	>EGFR-P741L PEGEKVKILV	465	467
>EGFR-P741L IPEGEKVKIPV	188	>EGFR-P741L IPEGEKVKILV	3763	3575
>EGFR-P741L IPEGEKVKIPV	1319	>EGFR-P741L IPEGEKVKILV	496	823
>EGFR-P741L IPEGEKVKIPV	311	>EGFR-P741L IPEGEKVKILV	800	489
>EGFR-P753F PKANKEIL	3170	>EGFR-P753F FKANKEIL	92	3078
>EGFR-P753F PKANKEIL	16953	>EGFR-P753F FKANKEIL	324	16629
>EGFR-P753F SPKANKEI	5123	>EGFR-P753F SFKANKEI	268	4855
>EGFR-P753F SPKANKEI	133	>EGFR-P753F SFKANKEI	35131	34998
>EGFR-P753F SPKANKEIL	187	>EGFR-P753F SFKANKEIL	37335	37148
>EGFR-P753F SPKANKEIL	193	>EGFR-P753F SFKANKEIL	22511	22318
>EGFR-P753F AIKELREATSP	20379	>EGFR-P753F AIKELREATSF	440	19939
>EGFR-P753F AIKELREATSP	12551	>EGFR-P753F AIKELREATSF	83	12468
>EGFR-P753F AIKELREATSP	14587	>EGFR-P753F AIKELREATSF	104	14483
>EGFR-P753F TSPKANKEI	1678	>EGFR-P753F TSFKANKEI	286	1392
>EGFR-P753F TSPKANKEI	8254	>EGFR-P753F TSFKANKEI	452	7802
>EGFR-P753F TSPKANKEI	11628	>EGFR-P753F TSFKANKEI	291	11337
>EGFR-P753F TSPKANKEIL	11693	>EGFR-P753F TSFKANKEIL	387	11306
>EGFR-P753F TSPKANKEI	54	>EGFR-P753F TSFKANKEI	8880	8826
>EGFR-P753F TSPKANKEIL	9	>EGFR-P753F TSFKANKEIL	2231	2222
>EGFR-P753F TSPKANKEI	159	>EGFR-P753F TSFKANKEI	37	122
>EGFR-P753F ATSPKANK	145	>EGFR-P753F ATSFKANK	122	23
>EGFR-P753F ATSPKANK	29	>EGFR-P753F ATSFKANK	18	11
>EGFR-P753F ATSPKANK	36	>EGFR-P753F ATSFKANK	36	0
>EGFR-P753F ATSPKANK	389	>EGFR-P753F ATSFKANK	395	6
>EGFR-P753F ATSPKANKEI	1387	>EGFR-P753F ATSFKANKEI	399	988
>EGFR-P753F ATSPKANK	445	>EGFR-P753F ATSFKANK	95	350
>EGFR-P753F ATSPKANKEI	35	>EGFR-P753F ATSFKANKEI	103	68
>EGFR-P753F ATSPKANKEIL	55	>EGFR-P753F ATSFKANKEIL	170	115
>EGFR-P753F ATSPKANKEIL	468	>EGFR-P753F ATSFKANKEIL	1662	1194
>EGFR-P753F ATSPKANKEI	347	>EGFR-P753F ATSFKANKEI	135	212
>EGFR-P753F ATSPKANKEIL	295	>EGFR-P753F ATSFKANKEIL	249	46
>EGFR-P753F ATSPKANK	121	>EGFR-P753F ATSFKANK	115	6
>EGFR-P753F EATSPKANK	18	>EGFR-P753F EATSFKANK	5	13
>EGFR-P753F EATSPKANKE	158	>EGFR-P753F EATSFKANKE	151	7
>EGFR-P753F EATSPKANKE	549	>EGFR-P753F EATSFKANKE	435	114
>EGFR-P753F REATSPKA	39	>EGFR-P753F REATSFKA	14	25

>EGFR-P753F REATSPKAN	1635	>EGFR-P753F REATSFKAN	168	1467
>EGFR-P753F ELREATSPKA	122	>EGFR-P753F ELREATSFKA	89	33
>EGFR-P753F ELREATSPK	226	>EGFR-P753F ELREATSFK	78	148
>EGFR-P753F ELREATSP	19331	>EGFR-P753F ELREATSF	293	19038
>EGFR-P753F ELREATSPK	86	>EGFR-P753F ELREATSFK	50	36
>EGFR-P753F ELREATSPK	517	>EGFR-P753F ELREATSFK	169	348
>EGFR-P753F ELREATSPK	139	>EGFR-P753F ELREATSFK	20	119
>EGFR-P753F ELREATSP	13941	>EGFR-P753F ELREATSF	102	13839
>EGFR-P753F ELREATSP	25224	>EGFR-P753F ELREATSF	212	25012
>EGFR-P753F ELREATSP	16984	>EGFR-P753F ELREATSF	45	16939
>EGFR-P753F KELREATSP	19656	>EGFR-P753F KELREATSF	221	19435
>EGFR-P753F KELREATSP	7522	>EGFR-P753F KELREATSF	11	7511
>EGFR-P753F KELREATSP	21779	>EGFR-P753F KELREATSF	373	21406
>EGFR-P753F KELREATSP	3397	>EGFR-P753F KELREATSF	139	3258
>EGFR-P753F KELREATSPK/	449	>EGFR-P753F KELREATSFK/	390	59
>EGFR-P753F KELREATSP	11743	>EGFR-P753F KELREATSF	470	11273
>EGFR-P753F KELREATSP	10859	>EGFR-P753F KELREATSF	121	10738
>EGFR-P753F KELREATSPK/	71	>EGFR-P753F KELREATSFK/	41	30
>EGFR-P753F KELREATSP	4991	>EGFR-P753F KELREATSF	181	4810
>EGFR-P753F KELREATSPK/	319	>EGFR-P753F KELREATSFK/	320	1
>EGFR-P753F IKELREATSP	15002	>EGFR-P753F IKELREATSF	39	14963
>EGFR-P753S PKANKEIL	3170	>EGFR-P753S SKANKEIL	457	2713
>EGFR-P753S SPKANKEI	133	>EGFR-P753S SSKANKEI	26351	26218
>EGFR-P753S SPKANKEIL	187	>EGFR-P753S SSKANKEIL	29939	29752
>EGFR-P753S SPKANKEI	15297	>EGFR-P753S SSKANKEI	144	15153
>EGFR-P753S SPKANKEIL	193	>EGFR-P753S SSKANKEIL	19470	19277
>EGFR-P753S SPKANKEI	5753	>EGFR-P753S SSKANKEI	356	5397
>EGFR-P753S TSPKANKEI	54	>EGFR-P753S TSSKANKEI	10686	10632
>EGFR-P753S TSPKANKEIL	9	>EGFR-P753S TSSKANKEIL	2155	2146
>EGFR-P753S TSPKANKEI	159	>EGFR-P753S TSSKANKEI	180	21
>EGFR-P753S ATSPKANK	145	>EGFR-P753S ATSSKANK	131	14
>EGFR-P753S ATSPKANK	29	>EGFR-P753S ATSSKANK	30	1
>EGFR-P753S ATSPKANK	36	>EGFR-P753S ATSSKANK	48	12
>EGFR-P753S ATSPKANK	389	>EGFR-P753S ATSSKANK	373	16
>EGFR-P753S ATSPKANK	445	>EGFR-P753S ATSSKANK	168	277
>EGFR-P753S ATSPKANKEI	35	>EGFR-P753S ATSSKANKEI	129	94
>EGFR-P753S ATSPKANKEIL	55	>EGFR-P753S ATSSKANKEIL	228	173
>EGFR-P753S ATSPKANKEIL	468	>EGFR-P753S ATSSKANKEIL	623	155
>EGFR-P753S ATSPKANKEI	347	>EGFR-P753S ATSSKANKEI	253	94
>EGFR-P753S ATSPKANKEIL	295	>EGFR-P753S ATSSKANKEIL	135	160
>EGFR-P753S ATSPKANK	121	>EGFR-P753S ATSSKANK	129	8
>EGFR-P753S EATSPKANK	18	>EGFR-P753S EATSSKANK	8	10
>EGFR-P753S EATSPKANKE	158	>EGFR-P753S EATSSKANKE	322	164



>EGFR-P753S REATSPKA	39	>EGFR-P753S REATSSKA	54	15
>EGFR-P753S ELREATSPKA	122	>EGFR-P753S ELREATSSKA	185	63
>EGFR-P753S ELREATSPK	226	>EGFR-P753S ELREATSSK	215	11
>EGFR-P753S ELREATSPK	86	>EGFR-P753S ELREATSSK	184	98
>EGFR-P753S ELREATSPK	139	>EGFR-P753S ELREATSSK	110	29
>EGFR-P753S KELREATSPK/	449	>EGFR-P753S KELREATSSK/	587	138
>EGFR-P753S KELREATSPK/	71	>EGFR-P753S KELREATSSK/	130	59
>EGFR-P753S KELREATSPK/	319	>EGFR-P753S KELREATSSK/	539	220
>EGFR-P848L PQHVKITDFG	5725	>EGFR-P848L LQHVKITDFG	107	5618
>EGFR-P848L PQHVKITDF	3811	>EGFR-P848L LQHVKITDF	88	3723
>EGFR-P848L PQHVKITDF	82	>EGFR-P848L LQHVKITDF	6	76
>EGFR-P848L PQHVKITDFG	3901	>EGFR-P848L LQHVKITDFG	384	3517
>EGFR-P848L TPQHVKITDF	80	>EGFR-P848L TLQHVKITDF	28200	28120
>EGFR-P848L TPQHVKITDF	125	>EGFR-P848L TLQHVKITDF	26422	26297
>EGFR-P848L TPQHVKITDF	234	>EGFR-P848L TLQHVKITDF	20891	20657
>EGFR-P848L LAARNVLVKT	16914	>EGFR-P848L LAARNVLVKT	158	16756
>EGFR-P848L LAARNVLVKT	14027	>EGFR-P848L LAARNVLVKT	261	13766
>EGFR-P848L KTPQHVKI	2932	>EGFR-P848L KTLQHVKI	418	2514
>EGFR-P848L KTPQHVKITD	461	>EGFR-P848L KTLQHVKITD	314	147
>EGFR-P848L KTPQHVKI	2714	>EGFR-P848L KTLQHVKI	147	2567
>EGFR-P848L KTPQHVKI	23	>EGFR-P848L KTLQHVKI	8	15
>EGFR-P848L KTPQHVKITD	41	>EGFR-P848L KTLQHVKITD	14	27
>EGFR-P848L KTPQHVKITD	693	>EGFR-P848L KTLQHVKITD	49	644
>EGFR-P848L KTPQHVKI	299	>EGFR-P848L KTLQHVKI	8	291
>EGFR-P848L KTPQHVKITD	44	>EGFR-P848L KTLQHVKITD	4	40
>EGFR-P848L KTPQHVKITD	4515	>EGFR-P848L KTLQHVKITD	423	4092
>EGFR-P848L KTPQHVKI	10935	>EGFR-P848L KTLQHVKI	206	10729
>EGFR-P848L KTPQHVKITD	7293	>EGFR-P848L KTLQHVKITD	104	7189
>EGFR-P848L KTPQHVKI	33	>EGFR-P848L KTLQHVKI	12634	12601
>EGFR-P848L KTPQHVKIT	77	>EGFR-P848L KTLQHVKIT	15227	15150
>EGFR-P848L KTPQHVKITD	7	>EGFR-P848L KTLQHVKITD	4599	4592
>EGFR-P848L KTPQHVKITD	3401	>EGFR-P848L KTLQHVKITD	167	3234
>EGFR-P848L KTPQHVKI	51	>EGFR-P848L KTLQHVKI	29	22
>EGFR-P848L VKTPQHVKI	395	>EGFR-P848L VKTLQHVKI	1227	832
>EGFR-P848L LVKTPQHV	262	>EGFR-P848L LVKTLQHV	104	158
>EGFR-P848L LVKTPQHV	42	>EGFR-P848L LVKTLQHV	23	19
>EGFR-P848L LVKTPQHVK	322	>EGFR-P848L LVKTLQHVK	642	320
>EGFR-P848L LVKTPQHVK	207	>EGFR-P848L LVKTLQHVK	294	87
>EGFR-P848L LVKTPQHV	173	>EGFR-P848L LVKTLQHV	161	12
>EGFR-P848L LVKTPQHVK	15	>EGFR-P848L LVKTLQHVK	14	1
>EGFR-P848L LVKTPQHVKI	126	>EGFR-P848L LVKTLQHVKI	124	2
>EGFR-P848L LVKTPQHVK	399	>EGFR-P848L LVKTLQHVK	160	239
>EGFR-P848L LVKTPQHVK	357	>EGFR-P848L LVKTLQHVK	363	6

>EGFR-P848L VLVKTPQHV	476	>EGFR-P848L VLVKTLQHV	137	339
>EGFR-P848L VLVKTPQHV	215	>EGFR-P848L VLVKTLQHV	53	162
>EGFR-P848L VLVKTPQHVK	703	>EGFR-P848L VLVKTLQHVK	424	279
>EGFR-P848L VLVKTPQHV	22	>EGFR-P848L VLVKTLQHV	11	11
>EGFR-P848L VLVKTPQHVK	269	>EGFR-P848L VLVKTLQHVK	205	64
>EGFR-P848L VLVKTPQHV	248	>EGFR-P848L VLVKTLQHV	11	237
>EGFR-P848L VLVKTPQHV	3	>EGFR-P848L VLVKTLQHV	3	0
>EGFR-P848L VLVKTPQHVK	25	>EGFR-P848L VLVKTLQHVK	35	10
>EGFR-P848L VLVKTPQHV	6	>EGFR-P848L VLVKTLQHV	4	2
>EGFR-P848L VLVKTPQHVK	241	>EGFR-P848L VLVKTLQHVK	197	44
>EGFR-P848L VLVKTPQHV	7	>EGFR-P848L VLVKTLQHV	6	1
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>EGFR-P848L VLVKTPQHV	30	>EGFR-P848L VLVKTLQHV	15	15
>EGFR-P848L VLVKTPQHV	3	>EGFR-P848L VLVKTLQHV	2	1
>EGFR-P848L VLVKTPQHVK	26	>EGFR-P848L VLVKTLQHVK	20	6
>EGFR-P848L VLVKTPQHVK	415	>EGFR-P848L VLVKTLQHVK	575	160
>EGFR-P848L NVLVKTPQH\	521	>EGFR-P848L NVLVKTLQH\	331	190
>EGFR-P848L NVLVKTPQH\	1226	>EGFR-P848L NVLVKTLQH\	287	939
>EGFR-P848L NVLVKTPQH\	424	>EGFR-P848L NVLVKTLQH\	576	152
>EGFR-P848L NVLVKTPQH\	539	>EGFR-P848L NVLVKTLQH\	392	147
>EGFR-P848L NVLVKTPQH\	178	>EGFR-P848L NVLVKTLQH\	238	60
>EGFR-P848L NVLVKTPQH\	179	>EGFR-P848L NVLVKTLQH\	212	33
>EGFR-P848L NVLVKTPQH\	269	>EGFR-P848L NVLVKTLQH\	249	20
>EGFR-P848L NVLVKTPQH\	225	>EGFR-P848L NVLVKTLQH\	182	43
>EGFR-P848L NVLVKTPQH\	318	>EGFR-P848L NVLVKTLQH\	315	3
>EGFR-P848L NVLVKTPQH\	29	>EGFR-P848L NVLVKTLQH\	29	0
>EGFR-P848L ARNVLVKTP	4821	>EGFR-P848L ARNVLVKTL	291	4530
>EGFR-P848L ARNVLVKTP	2421	>EGFR-P848L ARNVLVKTL	65	2356
>EGFR-P848L ARNVLVKTPC	531	>EGFR-P848L ARNVLVKTL C	283	248
>EGFR-P848L ARNVLVKTP	5692	>EGFR-P848L ARNVLVKTL	153	5539
>EGFR-P848L ARNVLVKTP	5860	>EGFR-P848L ARNVLVKTL	21	5839
>EGFR-P848L AARNVLVKTF	1530	>EGFR-P848L AARNVLVKTL	112	1418
>EGFR-P848L AARNVLVKTF	404	>EGFR-P848L AARNVLVKTL	782	378
>EGFR-P848L AARNVLVKTF	15808	>EGFR-P848L AARNVLVKTL	45	15763
>EGFR-Q105 QIIRGNMYY	1109	>EGFR-Q105 HIIRGNMYY	210	899
>EGFR-Q105 QIIRGNMYY	156	>EGFR-Q105 HIIRGNMYY	212	56
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>EGFR-Q105 QIIRGNMYY	247	>EGFR-Q105 HIIRGNMYY	39	208
>EGFR-Q105 QIIRGNMY	41	>EGFR-Q105 HIIRGNMY	47	6
>EGFR-Q105 QIIRGNMYY	22	>EGFR-Q105 HIIRGNMYY	26	4
>EGFR-Q105 QIIRGNMY	221	>EGFR-Q105 HIIRGNMY	129	92
>EGFR-Q105 QIIRGNMYY	479	>EGFR-Q105 HIIRGNMYY	289	190
>EGFR-Q105 QIIRGNMY	58	>EGFR-Q105 HIIRGNMY	70	12

>EGFR-Q105 QIIRGNMYY	16	>EGFR-Q105 HIIRGNMYY	18	2
>EGFR-Q105 QIIRGNMYY	3084	>EGFR-Q105 HIIRGNMYY	228	2856
>EGFR-Q105 QIIRGNMY	314	>EGFR-Q105 HIIRGNMY	229	85
>EGFR-Q105 QIIRGNMYY	172	>EGFR-Q105 HIIRGNMYY	139	33
>EGFR-Q105 QIIRGNMYY	607	>EGFR-Q105 HIIRGNMYY	196	411
>EGFR-Q105 QIIRGNMY	355	>EGFR-Q105 HIIRGNMY	154	201
>EGFR-Q105 QIIRGNMYY	32	>EGFR-Q105 HIIRGNMYY	19	13
>EGFR-Q105 QIIRGNMY	330	>EGFR-Q105 HIIRGNMY	208	122
>EGFR-Q105 QIIRGNMYY	226	>EGFR-Q105 HIIRGNMYY	147	79
>EGFR-Q105 QIIRGNMY	233	>EGFR-Q105 HIIRGNMY	140	93
>EGFR-Q105 QIIRGNMYY	280	>EGFR-Q105 HIIRGNMYY	151	129
>EGFR-Q105 QIIRGNMYY	713	>EGFR-Q105 HIIRGNMYY	463	250
>EGFR-Q105 QIIRGNMYY	1598	>EGFR-Q105 HIIRGNMYY	448	1150
>EGFR-Q105 QIIRGNMY	1407	>EGFR-Q105 HIIRGNMY	182	1225
>EGFR-Q105 LQIIRGNMYY	296	>EGFR-Q105 LHIIRGNMYY	7731	7435
>EGFR-Q105 LQIIRGNMYY	426	>EGFR-Q105 LHIIRGNMYY	22672	22246
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>EGFR-Q105 LQIIRGNMYY	221	>EGFR-Q105 LHIIRGNMYY	361	140
>EGFR-Q105 LQIIRGNMY	245	>EGFR-Q105 LHIIRGNMY	787	542
>EGFR-Q105 LQIIRGNMYY	59	>EGFR-Q105 LHIIRGNMYY	283	224
>EGFR-Q105 LQIIRGNM	162	>EGFR-Q105 LHIIRGNM	17862	17700
>EGFR-Q105 LQIIRGNMY	63	>EGFR-Q105 LHIIRGNMY	9760	9697
>EGFR-Q105 LQIIRGNMYY	51	>EGFR-Q105 LHIIRGNMYY	7514	7463
>EGFR-Q105 LQIIRGNMY	206	>EGFR-Q105 LHIIRGNMY	3441	3235
>EGFR-Q105 LQIIRGNMYY	240	>EGFR-Q105 LHIIRGNMYY	4351	4111
>EGFR-Q105 LQIIRGNM	160	>EGFR-Q105 LHIIRGNM	1908	1748
>EGFR-Q105 LQIIRGNMY	14	>EGFR-Q105 LHIIRGNMY	244	230
>EGFR-Q105 LQIIRGNMYY	8	>EGFR-Q105 LHIIRGNMYY	131	123
>EGFR-Q105 LQIIRGNMYY	208	>EGFR-Q105 LHIIRGNMYY	600	392
>EGFR-Q105 LQIIRGNMYY	4478	>EGFR-Q105 LHIIRGNMYY	417	4061
>EGFR-Q105 NLQIIRGNMY	82	>EGFR-Q105 NLHIIRGNMY	48	34
>EGFR-Q105 NLQIIRGNMY	119	>EGFR-Q105 NLHIIRGNMY	400	281
>EGFR-Q105 NLQIIRGNMY	77	>EGFR-Q105 NLHIIRGNMY	90	13
>EGFR-Q105 NLQIIRGNMY	915	>EGFR-Q105 NLHIIRGNMY	425	490
>EGFR-Q105 NLQIIRGNMY	93	>EGFR-Q105 NLHIIRGNMY	54	39
>EGFR-Q105 NLQIIRGNMY	152	>EGFR-Q105 NLHIIRGNMY	150	2
>EGFR-Q105 NLQIIRGNMY	215	>EGFR-Q105 NLHIIRGNMY	206	9
>EGFR-Q105 ENLQIIRGNM	320	>EGFR-Q105 ENLHIIRGNM	2024	1704
>EGFR-Q105 ENLQIIRGNM	146	>EGFR-Q105 ENLHIIRGNM	920	774
>EGFR-Q105 LENLQIIRGNM	168	>EGFR-Q105 LENLHIIRGNM	271	103
>EGFR-Q105 LENLQIIRGNM	500	>EGFR-Q105 LENLHIIRGNM	485	15
>EGFR-Q105 LENLQIIRGNM	346	>EGFR-Q105 LENLHIIRGNM	183	163
>EGFR-Q105 IPLLENLQI	96	>EGFR-Q105 IPLLENLHI	104	8

>EGFR-Q105 IPLLENLQII	582	>EGFR-Q105 IPLLENLHII	53	529
>EGFR-Q105 IPLLENLQII	566	>EGFR-Q105 IPLLENLHII	366	200
>EGFR-Q105 IPLLENLQI	85	>EGFR-Q105 IPLLENLHI	72	13
>EGFR-Q105 IPLLENLQII	33	>EGFR-Q105 IPLLENLHII	30	3
>EGFR-Q105 IPLLENLQI	134	>EGFR-Q105 IPLLENLHI	108	26
>EGFR-Q105 IPLLENLQII	301	>EGFR-Q105 IPLLENLHII	89	212
>EGFR-Q105 IPLLENLQII	431	>EGFR-Q105 IPLLENLHII	72	359
>EGFR-Q105 IPLLENLQI	486	>EGFR-Q105 IPLLENLHI	542	56
>EGFR-Q105 IPLLENLQIIR	546	>EGFR-Q105 IPLLENLHIIR	247	299
>EGFR-Q105 RIPLLENLQI	232	>EGFR-Q105 RIPLLENLHI	946	714
>EGFR-Q105 RIPLLENLQII	457	>EGFR-Q105 RIPLLENLHII	446	11
>EGFR-Q105 RIPLLENLQII	760	>EGFR-Q105 RIPLLENLHII	197	563
>EGFR-Q105 RIPLLENLQIIR	43	>EGFR-Q105 RIPLLENLHIIR	33	10
>EGFR-Q105 ERIPLENLQI	287	>EGFR-Q105 ERIPLENLHI	179	108
>EGFR-Q105 VERIPLENLQI	303	>EGFR-Q105 VERIPLENLHI	659	356
>EGFR-Q105 VERIPLENLQI	13	>EGFR-Q105 VERIPLENLHI	20	7
>EGFR-Q116·QISLDNPDY	190	>EGFR-Q116·RISLDNPDY	469	279
>EGFR-Q116·QISLDNPDY	93	>EGFR-Q116·RISLDNPDY	34	59
>EGFR-Q116·HQISLDNPDY	462	>EGFR-Q116·HRISLDNPDY	2657	2195
>EGFR-Q116·HQISLDNPDY	496	>EGFR-Q116·HRISLDNPDY	2133	1637
>EGFR-Q116·HQISLDNPDY	75	>EGFR-Q116·HRISLDNPDY	10754	10679
>EGFR-Q116·HQISLDNPDY	267	>EGFR-Q116·HRISLDNPDY	5182	4915
>EGFR-Q116·HQISLDNPDY	18	>EGFR-Q116·HRISLDNPDY	199	181
>EGFR-Q116·HQISLDNPDY	688	>EGFR-Q116·HRISLDNPDY	15	673
>EGFR-Q116·SHQISLDNPD	267	>EGFR-Q116·SHRISLDNPD	517	250
>EGFR-Q116·SHQISLDNPD	1726	>EGFR-Q116·SHRISLDNPD	393	1333
>EGFR-Q116·QKGSQISL	114	>EGFR-Q116·QKGSQRISL	111	3
>EGFR-Q116·AQKGSQIQI	327	>EGFR-Q116·AQKGSQRIRI	455	128
>EGFR-Q116·AQKGSQIQISL	192	>EGFR-Q116·AQKGSQRISL	125	67
>EGFR-Q116·AQKGSQIQI	347	>EGFR-Q116·AQKGSQRIRI	571	224
>EGFR-Q116·AQKGSQIQISL	94	>EGFR-Q116·AQKGSQRISL	113	19
>EGFR-Q116·AQKGSQIQI	190	>EGFR-Q116·AQKGSQRIRI	404	214
>EGFR-Q116·AQKGSQIQISL	24	>EGFR-Q116·AQKGSQRISL	29	5
>EGFR-Q116·WAQKGSQIQI	386	>EGFR-Q116·WAQKGSQRIRI	1122	736
>EGFR-Q116·WAQKGSQIQI	1662	>EGFR-Q116·WAQKGSQRIRI	376	1286
>EGFR-Q116·WAQKGSQIQI	375	>EGFR-Q116·WAQKGSQRIRI	391	16
>EGFR-Q116·WAQKGSQIQI	151	>EGFR-Q116·WAQKGSQRIRI	282	131
>EGFR-Q116·HWAQKGSQI	75	>EGFR-Q116·HWAQKGSQIF	207	132
>EGFR-Q116·HWAQKGSQI	21037	>EGFR-Q116·HWAQKGSQIF	350	20687
>EGFR-Q116·HWAQKGSQI	1103	>EGFR-Q116·HWAQKGSQIF	18	1085
>EGFR-Q787 QLITQLMPF	1090	>EGFR-Q787 RLITQLMPF	247	843
>EGFR-Q787 QLITQLMPF	212	>EGFR-Q787 RLITQLMPF	131	81
>EGFR-Q787 QLITQLMPFG	777	>EGFR-Q787 RLITQLMPFG	115	662

>EGFR-Q787 QLITQLMPFG	533	>EGFR-Q787 RLITQLMPFG	122	411
>EGFR-Q787 QLITQLMPFG	502	>EGFR-Q787 RLITQLMPFG	139	363
>EGFR-Q787 QLITQLMPF	3149	>EGFR-Q787 RLITQLMPF	499	2650
>EGFR-Q787 QLITQLMPF	23	>EGFR-Q787 RLITQLMPF	145	122
>EGFR-Q787 QLITQLMPF	154	>EGFR-Q787 RLITQLMPF	20	134
>EGFR-Q787 QLITQLMPF	67	>EGFR-Q787 RLITQLMPF	30	37
>EGFR-Q787 QLITQLMPF	496	>EGFR-Q787 RLITQLMPF	1977	1481
>EGFR-Q787 QLITQLMPF	14	>EGFR-Q787 RLITQLMPF	6	8
>EGFR-Q787 QLITQLMPF	1374	>EGFR-Q787 RLITQLMPF	75	1299
>EGFR-Q787 VQLITQLM	332	>EGFR-Q787 VRLITQLM	22985	22653
>EGFR-Q787 VQLITQLMPF	75	>EGFR-Q787 VRLITQLMPF	13382	13307
>EGFR-Q787 VQLITQLM	58	>EGFR-Q787 VRLITQLM	444	386
>EGFR-Q787 VQLITQLMPF	3	>EGFR-Q787 VRLITQLMPF	13	10
>EGFR-Q787 VQLITQLM	3130	>EGFR-Q787 VRLITQLM	125	3005
>EGFR-Q787 VQLITQLMPF	13949	>EGFR-Q787 VRLITQLMPF	244	13705
>EGFR-Q787 VQLITQLMPF	10113	>EGFR-Q787 VRLITQLMPF	344	9769
>EGFR-Q787 LLGICLTSTVQ	272	>EGFR-Q787 LLGICLTSTVR	9827	9555
>EGFR-Q787 LLGICLTSTVQ	15681	>EGFR-Q787 LLGICLTSTVR	352	15329
>EGFR-Q787 LLGICLTSTVQ	23626	>EGFR-Q787 LLGICLTSTVR	363	23263
>EGFR-Q787 TVQLITQLMP	469	>EGFR-Q787 TVRLITQLMP	298	171
>EGFR-Q787 TVQLITQLM	9949	>EGFR-Q787 TVRLITQLM	71	9878
>EGFR-Q787 TVQLITQLMP	11545	>EGFR-Q787 TVRLITQLMP	195	11350
>EGFR-Q787 TVQLITQLMP	188	>EGFR-Q787 TVRLITQLMP	784	596
>EGFR-Q787 TVQLITQL	217	>EGFR-Q787 TVRLITQL	1402	1185
>EGFR-Q787 TVQLITQLMP	651	>EGFR-Q787 TVRLITQLMP	328	323
>EGFR-Q787 TVQLITQLMP	2000	>EGFR-Q787 TVRLITQLMP	233	1767
>EGFR-Q787 TVQLITQLM	410	>EGFR-Q787 TVRLITQLM	79	331
>EGFR-Q787 STVQLITQL	339	>EGFR-Q787 STVRLITQL	480	141
>EGFR-Q787 STVQLITQL	408	>EGFR-Q787 STVRLITQL	574	166
>EGFR-Q787 STVQLITQ	371	>EGFR-Q787 STVRLITQ	504	133
>EGFR-Q787 STVQLITQL	64	>EGFR-Q787 STVRLITQL	67	3
>EGFR-Q787 STVQLITQLM	18	>EGFR-Q787 STVRLITQLM	18	0
>EGFR-Q787 STVQLITQLM	139	>EGFR-Q787 STVRLITQLM	582	443
>EGFR-Q787 STVQLITQL	572	>EGFR-Q787 STVRLITQL	456	116
>EGFR-Q787 STVQLITQL	116	>EGFR-Q787 STVRLITQL	90	26
>EGFR-Q787 STVQLITQLM	296	>EGFR-Q787 STVRLITQLM	223	73
>EGFR-Q787 STVQLITQL	222	>EGFR-Q787 STVRLITQL	451	229
>EGFR-Q787 STVQLITQL	7	>EGFR-Q787 STVRLITQL	15	8
>EGFR-Q787 STVQLITQLM	18	>EGFR-Q787 STVRLITQLM	52	34
>EGFR-Q787 STVQLITQL	170	>EGFR-Q787 STVRLITQL	412	242
>EGFR-Q787 STVQLITQLM	72	>EGFR-Q787 STVRLITQLM	151	79
>EGFR-Q787 STVQLITQL	17	>EGFR-Q787 STVRLITQL	21	4
>EGFR-Q787 STVQLITQLM	24	>EGFR-Q787 STVRLITQLM	19	5

>EGFR-Q787 STVQLITQL	249	>EGFR-Q787 STVRLITQL	399	150
>EGFR-Q787 TSTVQLITQLM	1030	>EGFR-Q787 TSTVRLITQLM	344	686
>EGFR-Q787 TSTVQLITQL	59	>EGFR-Q787 TSTVRLITQL	69	10
>EGFR-Q787 TSTVQLITQLM	239	>EGFR-Q787 TSTVRLITQLM	214	25
>EGFR-Q787 TSTVQLITQL	474	>EGFR-Q787 TSTVRLITQL	447	27
>EGFR-Q787 TSTVQLITQLM	203	>EGFR-Q787 TSTVRLITQLM	160	43
>EGFR-Q787 TSTVQLITQL	253	>EGFR-Q787 TSTVRLITQL	214	39
>EGFR-Q787 TSTVQLITQLM	171	>EGFR-Q787 TSTVRLITQLM	114	57
>EGFR-Q787 LTSTVQLI	302	>EGFR-Q787 LTSTVRLI	1609	1307
>EGFR-Q787 LTSTVQLITQL	119	>EGFR-Q787 LTSTVRLITQL	284	165
>EGFR-Q787 LTSTVQLI	123	>EGFR-Q787 LTSTVRLI	207	84
>EGFR-Q787 LTSTVQLITQL	223	>EGFR-Q787 LTSTVRLITQL	177	46
>EGFR-Q787 LTSTVQLITQL	49	>EGFR-Q787 LTSTVRLITQL	80	31
>EGFR-Q787 LTSTVQLI	80	>EGFR-Q787 LTSTVRLI	699	619
>EGFR-Q787 LTSTVQLITQL	78	>EGFR-Q787 LTSTVRLITQL	187	109
>EGFR-Q787 LTSTVQLITQL	117	>EGFR-Q787 LTSTVRLITQL	129	12
>EGFR-Q787 LTSTVQLI	717	>EGFR-Q787 LTSTVRLI	345	372
>EGFR-Q787 LTSTVQLITQL	30	>EGFR-Q787 LTSTVRLITQL	28	2
>EGFR-Q787 LTSTVQLI	32	>EGFR-Q787 LTSTVRLI	34	2
>EGFR-Q787 LTSTVQLITQL	298	>EGFR-Q787 LTSTVRLITQL	351	53
>EGFR-Q787 CLTSTVQL	75	>EGFR-Q787 CLTSTVRL	166	91
>EGFR-Q787 CLTSTVQLI	187	>EGFR-Q787 CLTSTVRLI	1001	814
>EGFR-Q787 CLTSTVQL	312	>EGFR-Q787 CLTSTVRL	550	238
>EGFR-Q787 CLTSTVQLI	73	>EGFR-Q787 CLTSTVRLI	144	71
>EGFR-Q787 CLTSTVQL	143	>EGFR-Q787 CLTSTVRL	245	102
>EGFR-Q787 CLTSTVQLI	103	>EGFR-Q787 CLTSTVRLI	373	270
>EGFR-Q787 CLTSTVQL	364	>EGFR-Q787 CLTSTVRL	581	217
>EGFR-Q787 CLTSTVQLI	316	>EGFR-Q787 CLTSTVRLI	2302	1986
>EGFR-Q787 CLTSTVQL	227	>EGFR-Q787 CLTSTVRL	843	616
>EGFR-Q787 CLTSTVQLI	272	>EGFR-Q787 CLTSTVRLI	3348	3076
>EGFR-Q787 CLTSTVQL	77	>EGFR-Q787 CLTSTVRL	326	249
>EGFR-Q787 CLTSTVQLI	301	>EGFR-Q787 CLTSTVRLI	2762	2461
>EGFR-Q787 CLTSTVQL	7	>EGFR-Q787 CLTSTVRL	14	7
>EGFR-Q787 CLTSTVQLI	25	>EGFR-Q787 CLTSTVRLI	715	690
>EGFR-Q787 ICLTSTVQ	12278	>EGFR-Q787 ICLTSTVR	102	12176
>EGFR-Q812 QYLLNWCVQ	106	>EGFR-Q812 RYLLNWCVQ	143	37
>EGFR-Q812 QYLLNWCV	2188	>EGFR-Q812 RYLLNWCV	307	1881
>EGFR-Q812 QYLLNWCV	1329	>EGFR-Q812 RYLLNWCV	341	988
>EGFR-Q812 QYLLNWCV	681	>EGFR-Q812 RYLLNWCV	172	509
>EGFR-Q812 QYLLNWCV	368	>EGFR-Q812 RYLLNWCV	59	309
>EGFR-Q812 QYLLNWCVQ	11	>EGFR-Q812 RYLLNWCVQ	6	5
>EGFR-Q812 QYLLNWCVQ	2143	>EGFR-Q812 RYLLNWCVQ	427	1716
>EGFR-Q812 QYLLNWCVQ	5044	>EGFR-Q812 RYLLNWCVQ	233	4811

>EGFR-Q812 QYLLNWCVQ	3525	>EGFR-Q812 RYLLNWCVQ	147	3378
>EGFR-Q812 QYLLNWCVQ	2969	>EGFR-Q812 RYLLNWCVQ	92	2877
>EGFR-Q812 QYLLNWCVQ	2234	>EGFR-Q812 RYLLNWCVQ	360	1874
>EGFR-Q812 QYLLNWCVQ	302	>EGFR-Q812 RYLLNWCVQ	88	214
>EGFR-Q812 QYLLNWCV	512	>EGFR-Q812 RYLLNWCV	242	270
>EGFR-Q812 SQYLLNWCV	52	>EGFR-Q812 SRYLLNWCV	121	69
>EGFR-Q812 SQYLLNWCV	19	>EGFR-Q812 SRYLLNWCV	13827	13808
>EGFR-Q812 SQYLLNWCV	221	>EGFR-Q812 SRYLLNWCV	18880	18659
>EGFR-Q812 SQYLLNWCV	85	>EGFR-Q812 SRYLLNWCV	6349	6264
>EGFR-Q812 SQYLLNWC	418	>EGFR-Q812 SRYLLNWC	19941	19523
>EGFR-Q812 SQYLLNWCV	6	>EGFR-Q812 SRYLLNWCV	3399	3393
>EGFR-Q812 SQYLLNWCV	51	>EGFR-Q812 SRYLLNWCV	7896	7845
>EGFR-Q812 SQYLLNWCV	30	>EGFR-Q812 SRYLLNWCV	3263	3233
>EGFR-Q812 SQYLLNWCV	264	>EGFR-Q812 SRYLLNWCV	9189	8925
>EGFR-Q812 SQYLLNWCV	21	>EGFR-Q812 SRYLLNWCV	8168	8147
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>EGFR-Q812 SQYLLNWCV	254	>EGFR-Q812 SRYLLNWCV	11370	11116
>EGFR-Q812 SQYLLNWCV	375	>EGFR-Q812 SRYLLNWCV	8126	7751
>EGFR-Q812 SQYLLNWCV	165	>EGFR-Q812 SRYLLNWCV	4057	3892
>EGFR-Q812 SQYLLNWCV	458	>EGFR-Q812 SRYLLNWCV	2026	1568
>EGFR-Q812 SQYLLNWCV	161	>EGFR-Q812 SRYLLNWCV	851	690
>EGFR-Q812 SQYLLNWCV	2091	>EGFR-Q812 SRYLLNWCV	57	2034
>EGFR-Q812 SQYLLNWCV	12212	>EGFR-Q812 SRYLLNWCV	192	12020
>EGFR-Q812 SQYLLNWCV	1724	>EGFR-Q812 SRYLLNWCV	64	1660
>EGFR-Q812 SQYLLNWCV	297	>EGFR-Q812 SRYLLNWCV	379	82
>EGFR-Q812 SQYLLNWCV	185	>EGFR-Q812 SRYLLNWCV	2506	2321
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>EGFR-Q812 SQYLLNWCV	4115	>EGFR-Q812 SRYLLNWCV	194	3921
>EGFR-Q812 SQYLLNWCV	10019	>EGFR-Q812 SRYLLNWCV	491	9528
>EGFR-Q812 SQYLLNWCV	3398	>EGFR-Q812 SRYLLNWCV	117	3281
>EGFR-Q812 GSQYLLNWC	11301	>EGFR-Q812 GSRYLLNWC	372	10929
>EGFR-Q812 GSQYLLNW	29	>EGFR-Q812 GSRYLLNW	10	19
>EGFR-Q812 GSQYLLNW	328	>EGFR-Q812 GSRYLLNW	96	232
>EGFR-Q812 GSQYLLNW	47	>EGFR-Q812 GSRYLLNW	229	182
>EGFR-Q812 GSQYLLNWC	1563	>EGFR-Q812 GSRYLLNWC	287	1276
>EGFR-Q812 IGSQYLLNW	58	>EGFR-Q812 IGSRYYLLNW	343	285
>EGFR-Q812 IGSQYLLNW	523	>EGFR-Q812 IGSRYYLLNW	324	199
>EGFR-Q812 IGSQYLLNW	35	>EGFR-Q812 IGSRYYLLNW	28	7
>EGFR-Q812 IGSQYLLNW	1048	>EGFR-Q812 IGSRYYLLNW	462	586
>EGFR-Q812 NIGSQYLL	248	>EGFR-Q812 NIGSRYYLL	580	332
>EGFR-Q812 DNIGSQYLL	620	>EGFR-Q812 DNIGSRYYLL	445	175
>EGFR-Q812 KDNIGSQY	626	>EGFR-Q812 KDNIGSRYY	353	273
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>EGFR-Q812 HKDNIGSQY	125	>EGFR-Q812 HKDNIGSRY	101	24
>EGFR-Q812 REHKDNIGSC	364	>EGFR-Q812 REHKDNIGSR	489	125
>EGFR-Q812 REHKDNIGSC	104	>EGFR-Q812 REHKDNIGSR	207	103
>EGFR-Q812 REHKDNIGSC	360	>EGFR-Q812 REHKDNIGSR	347	13
>EGFR-Q812 REHKDNIGSC	362	>EGFR-Q812 REHKDNIGSR	315	47
>EGFR-Q812 REHKDNIGSC	18559	>EGFR-Q812 REHKDNIGSR	251	18308
>EGFR-Q849 QHVKITDF	107	>EGFR-Q849 LHVKITDF	54	53
>EGFR-Q849 QHVKITDFGL	380	>EGFR-Q849 LHVKITDFGL	681	301
>EGFR-Q849 QHVKITDF	7651	>EGFR-Q849 LHVKITDF	393	7258
>EGFR-Q849 PQHVKITDFG	26325	>EGFR-Q849 PLHVKITDFGI	74	26251
>EGFR-Q849 PQHVKITDF	82	>EGFR-Q849 PLHVKITDF	1754	1672
>EGFR-Q849 AARNVLVKTf	404	>EGFR-Q849 AARNVLVKTf	99	305
>EGFR-Q849 AARNVLVKTf	11309	>EGFR-Q849 AARNVLVKTf	94	11215
>EGFR-Q849 AARNVLVKTf	15770	>EGFR-Q849 AARNVLVKTf	283	15487
>EGFR-Q849 TPQHVKITDF	80	>EGFR-Q849 TPLHVKITDF	30	50
>EGFR-Q849 TPQHVKITDF	125	>EGFR-Q849 TPLHVKITDF	246	121
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>EGFR-Q849 KTPQHVKITD	461	>EGFR-Q849 KTPLHVKITDf	1427	966
>EGFR-Q849 KTPQHVKI	23	>EGFR-Q849 KTPLHVKI	30	7
>EGFR-Q849 KTPQHVKITD	41	>EGFR-Q849 KTPLHVKITDf	62	21
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>EGFR-Q849 KTPQHVKITD	44	>EGFR-Q849 KTPLHVKITDf	62	18
>EGFR-Q849 KTPQHVKI	33	>EGFR-Q849 KTPLHVKI	23	10
>EGFR-Q849 KTPQHVKIT	77	>EGFR-Q849 KTPLHVKIT	77	0
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>EGFR-Q849 KTPQHVKI	51	>EGFR-Q849 KTPLHVKI	76	25
>EGFR-Q849 VKTPQHVKI	395	>EGFR-Q849 VKTPLHVKI	564	169
>EGFR-Q849 LVKTPQHV	262	>EGFR-Q849 LVKTPLHV	111	151
>EGFR-Q849 LVKTPQHV	42	>EGFR-Q849 LVKTPLHV	61	19
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>EGFR-Q849 LVKTPQHVK	207	>EGFR-Q849 LVKTPLHVK	106	101
>EGFR-Q849 LVKTPQHV	173	>EGFR-Q849 LVKTPLHV	120	53
>EGFR-Q849 LVKTPQHVK	15	>EGFR-Q849 LVKTPLHVK	17	2
>EGFR-Q849 LVKTPQHVKI	126	>EGFR-Q849 LVKTPLHVKI	171	45
>EGFR-Q849 LVKTPQHVK	399	>EGFR-Q849 LVKTPLHVK	253	146
>EGFR-Q849 LVKTPQHVK	357	>EGFR-Q849 LVKTPLHVK	655	298
>EGFR-Q849 VLVKTQHV	476	>EGFR-Q849 VLVKTPLHV	123	353
>EGFR-Q849 VLVKTQHV	215	>EGFR-Q849 VLVKTPLHV	395	180
>EGFR-Q849 VLVKTQHV	22	>EGFR-Q849 VLVKTPLHV	25	3
>EGFR-Q849 VLVKTQHVf	269	>EGFR-Q849 VLVKTPLHVK	283	14



>EGFR-Q849 VLVKTQHV	248	>EGFR-Q849 VLVKTPLHV	151	97
>EGFR-Q849 VLVKTQHV	3	>EGFR-Q849 VLVKTPLHV	4	1
>EGFR-Q849 VLVKTQHVK	25	>EGFR-Q849 VLVKTPLHVK	24	1
>EGFR-Q849 VLVKTQHV	6	>EGFR-Q849 VLVKTPLHV	9	3
>EGFR-Q849 VLVKTQHVK	241	>EGFR-Q849 VLVKTPLHVK	313	72
>EGFR-Q849 VLVKTQHV	7	>EGFR-Q849 VLVKTPLHV	7	0
>EGFR-Q849 VLVKTQHVK	97	>EGFR-Q849 VLVKTPLHVK	76	21
>EGFR-Q849 VLVKTQHV	30	>EGFR-Q849 VLVKTPLHV	78	48
>EGFR-Q849 VLVKTQHV	3	>EGFR-Q849 VLVKTPLHV	4	1
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>EGFR-Q849 VLVKTQHVK	663	>EGFR-Q849 VLVKTPLHVK	282	381
>EGFR-Q849 NVLVKTQHV	521	>EGFR-Q849 NVLVKTPLHV	190	331
>EGFR-Q849 NVLVKTQHV	1226	>EGFR-Q849 NVLVKTPLHV	179	1047
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>EGFR-Q849 NVLVKTQHV	318	>EGFR-Q849 NVLVKTPLHV	334	16
>EGFR-Q849 NVLVKTQ	7628	>EGFR-Q849 NVLVKTPL	105	7523
>EGFR-Q849 NVLVKTQHV	29	>EGFR-Q849 NVLVKTPLHV	25	4
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>EGFR-Q849 ARNVLVKTQ	2428	>EGFR-Q849 ARNVLVKTPL	72	2356
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>EGFR-Q849 ARNVLVKTQ	9691	>EGFR-Q849 ARNVLVKTPL	477	9214
>EGFR-Q849 QHVKITDF	107	>EGFR-Q849 RHVKITDF	26	81
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>EGFR-Q849 QHVKITDFGL	380	>EGFR-Q849 RHVKITDFGL	494	114
>EGFR-Q849 PQHVKITDF	82	>EGFR-Q849 PRHVKITDF	506	424
>EGFR-Q849 AARNVLVKTQ	404	>EGFR-Q849 AARNVLVKTQ	154	250
>EGFR-Q849 AARNVLVKTQ	7780	>EGFR-Q849 AARNVLVKTQ	13	7767
>EGFR-Q849 AARNVLVKTQ	25686	>EGFR-Q849 AARNVLVKTQ	207	25479
>EGFR-Q849 TPQHVKITDF	80	>EGFR-Q849 TPRHVKITDF	1511	1431
>EGFR-Q849 TPQHVKITDF	125	>EGFR-Q849 TPRHVKITDF	57	68
>EGFR-Q849 TPQHVKITDF	234	>EGFR-Q849 TPRHVKITDF	881	647
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>EGFR-Q849 KTPQHVKI	23	>EGFR-Q849 KTPRHVKI	28	5
>EGFR-Q849 KTPQHVKITD	41	>EGFR-Q849 KTPRHVKITD	51	10
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>EGFR-Q849 LVKTPQHVK	322	>EGFR-Q849 LVKTPRHVK	356	34
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>EGFR-Q849 LVKTPQHV	173	>EGFR-Q849 LVKTPRHV	132	41
>EGFR-Q849 LVKTPQHVK	15	>EGFR-Q849 LVKTPRHVK	10	5
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>EGFR-Q849 LVKTPQHVK	399	>EGFR-Q849 LVKTPRHVK	114	285
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>EGFR-Q849 VLVKTQHV	476	>EGFR-Q849 VLVKTQHV	2515	2039
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>EGFR-Q849 NVLVKTQ	9754	>EGFR-Q849 NVLVKTQ	102	9652
>EGFR-Q849 NVLVKTQHV	318	>EGFR-Q849 NVLVKTQHV	306	12
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>EGFR-Q849 RNVLVKTPQ	12287	>EGFR-Q849 RNVLVKTPR	46	12241
>EGFR-Q849 RNVLVKTPQ	20536	>EGFR-Q849 RNVLVKTPR	107	20429
>EGFR-Q849 ARNVLVKTPC	24944	>EGFR-Q849 ARNVLVKTPF	369	24575
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>EGFR-R108†RGNMYYENS	266	>EGFR-R108†KGNMYYENS	696	430
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>EGFR-R108†IRGNMYYENS	214	>EGFR-R108†IKGNMYYENS	219	5
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>EGFR-R108†RIPLENLQIIR	6210	>EGFR-R108†RIPLENLQIIK	478	5732
>EGFR-R108†RIPLENLQIIR	5771	>EGFR-R108†RIPLENLQIIK	265	5506
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>EGFR-R108†LQIIRGNMY	240	>EGFR-R108†LQIIKGNMY	377	137
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>EGFR-R252†RKFRDEAT	218	>EGFR-R252†CKFRDEAT	2279	2061
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>EGFR-R252†CLVCRKFR	125	>EGFR-R252†CLVCKFR	239	114
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>EGFR-R252(ESDCLVCRK	136	>EGFR-R252(ESDCLVCK	103	33
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>EGFR-R252(RESDCLVCRK	44	>EGFR-R252(RESDCLVCK	21	23
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>EGFR-R324LDSYEMEEDG'	119	>EGFR-R324LDSYEMEEDG'	18636	18517
>EGFR-R324LDSYEMEEDG'	22	>EGFR-R324LDSYEMEEDG'	15068	15046
>EGFR-R324LMEEDGVRK	3285	>EGFR-R324LMEEDGVLK	205	3080
>EGFR-R324LMEEDGVRKC	492	>EGFR-R324LMEEDGVLKC	163	329
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>EGFR-R324LMEEDGVRK	809	>EGFR-R324LMEEDGVLK	298	511
>EGFR-R324LYEMEEDGVR	1488	>EGFR-R324LYEMEEDGVL	113	1375
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>EGFR-R324LSYEMEEDGVI	5897	>EGFR-R324LSYEMEEDGVI	125	5772
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>EGFR-R451FVSLNITSLGLR	12421	>EGFR-R451FVSLNITSLGLF	137	12284
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>EGFR-R451FVSLNITSLGLR	605	>EGFR-R451FVSLNITSLGLF	4	601
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>EGFR-R451FGLRSLKEI	602	>EGFR-R451FGLFSLKEI	8	594
>EGFR-R451FGLRSLKEI	2367	>EGFR-R451FGLFSLKEI	54	2313
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>EGFR-R451FSLGLRSLKEI	208	>EGFR-R451FSLGLFSLKEI	108	100
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>EGFR-R451FTSLGLRSLK	148	>EGFR-R451FTSLGLFSLK	377	229
>EGFR-R451FTSLGLRSLK	302	>EGFR-R451FTSLGLFSLK	210	92
>EGFR-R451FTSLGLRSL	1281	>EGFR-R451FTSLGLFSL	450	831
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>EGFR-R451FTSLGLRSLKEI	643	>EGFR-R451FTSLGLFSLKEI	449	194
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>EGFR-R451FTSLGLRSLKEI	202	>EGFR-R451FTSLGLFSLKEI	162	40
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>EGFR-R451FITSLGLRSL	2232	>EGFR-R451FITSLGLFSL	106	2126
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>EGFR-R451FITSLGLRSLK	35	>EGFR-R451FITSLGLFSLK	25	10
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>EGFR-R451FNITSLGLRSL	167	>EGFR-R451FNITSLGFLSL	228	61
>EGFR-R451FNITSLGLRSL	3179	>EGFR-R451FNITSLGFLSL	370	2809
>EGFR-R451FNITSLGLRSLK	706	>EGFR-R451FNITSLGFLSK	439	267
>EGFR-R451FNITSLGLRSLK	165	>EGFR-R451FNITSLGFLSK	68	97
>EGFR-R451FNITSLGLR	256	>EGFR-R451FNITSLGLF	27489	27233
>EGFR-R451FNITSLGLR	27	>EGFR-R451FNITSLGLF	10091	10064
>EGFR-R451FNITSLGLRSLK	40	>EGFR-R451FNITSLGFLSK	30	10
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>EGFR-R677FRTLRRLLQER	12	>EGFR-R677FHTLRRLLQER	64	52
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>EGFR-R677FRTLRRLLQER	1590	>EGFR-R677FHTLRRLLQER	184	1406
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>EGFR-R677FKRTLRRLL	47	>EGFR-R677FKHTLRRLL	9595	9548
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>EGFR-R680(KRTLRRLLQ	148	>EGFR-R680(KRTLGRLLQ	321	173
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>EGFR-R680(RKRTLRRLLQ	185	>EGFR-R680(RKRTLGRLLQ	485	300
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>EGFR-R680(RKRTLRRLL	46	>EGFR-R680(RKRTLGRLL	161	115
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>EGFR-R748I KIPVAIKELR	3032	>EGFR-R748I KIPVAIKELK	146	2886
>EGFR-R748I KIPVAIKELR	1982	>EGFR-R748I KIPVAIKELK	121	1861
>EGFR-R748I KIPVAIKELR	78	>EGFR-R748I KIPVAIKELK	1086	1008
>EGFR-R748I KIPVAIKELR	68	>EGFR-R748I KIPVAIKELK	228	160
>EGFR-R748I KIPVAIKELR	66	>EGFR-R748I KIPVAIKELK	1442	1376
>EGFR-R776C RLLGICLT	229	>EGFR-R776C CLLGICLT	886	657
>EGFR-R776C RLLGICLTST	73	>EGFR-R776C CLLGICLTST	209	136

>EGFR-R776(RLLGICLTSTV	15	>EGFR-R776(CLLGICLTSTV	29	14
>EGFR-R776(RLLGICLTST	207	>EGFR-R776(CLLGICLTST	391	184
>EGFR-R776(RLLGICLTSTV	29	>EGFR-R776(CLLGICLTSTV	96	67
>EGFR-R776(RLLGICLTST	52	>EGFR-R776(CLLGICLTST	124	72
>EGFR-R776(RLLGICLTSTV	13	>EGFR-R776(CLLGICLTSTV	68	55
>EGFR-R776(RLLGICLT	310	>EGFR-R776(CLLGICLT	2317	2007
>EGFR-R776(RLLGICLTST	87	>EGFR-R776(CLLGICLTST	205	118
>EGFR-R776(RLLGICLTSTV	19	>EGFR-R776(CLLGICLTSTV	111	92
>EGFR-R776(RLLGICLT	35	>EGFR-R776(CLLGICLT	281	246
>EGFR-R776(RLLGICLTST	95	>EGFR-R776(CLLGICLTST	977	882
>EGFR-R776(RLLGICLTSTV	2	>EGFR-R776(CLLGICLTSTV	4	2
>EGFR-R776(RLLGICLTSTV	5	>EGFR-R776(CLLGICLTSTV	9	4
>EGFR-R776(RLLGICLT	112	>EGFR-R776(CLLGICLT	1155	1043
>EGFR-R776(RLLGICLTST	401	>EGFR-R776(CLLGICLTST	3960	3559
>EGFR-R776(RLLGICLTSTV	5	>EGFR-R776(CLLGICLTSTV	10	5
>EGFR-R776(RLLGICLTSTV	2	>EGFR-R776(CLLGICLTSTV	2	0
>EGFR-R776(RLLGICLT	30	>EGFR-R776(CLLGICLT	96	66
>EGFR-R776(RLLGICLTST	34	>EGFR-R776(CLLGICLTST	157	123
>EGFR-R776(RLLGICLTSTV	2	>EGFR-R776(CLLGICLTSTV	3	1
>EGFR-R776(RLLGICLTS	163	>EGFR-R776(CLLGICLTS	10290	10127
>EGFR-R776(RLLGICLTST	360	>EGFR-R776(CLLGICLTST	13741	13381
>EGFR-R776(RLLGICLTSTV	23	>EGFR-R776(CLLGICLTSTV	1454	1431
>EGFR-R776(RLLGICLTSTV	241	>EGFR-R776(CLLGICLTSTV	3167	2926
>EGFR-R776(CRLLGICL	260	>EGFR-R776(CCLLGICL	24082	23822
>EGFR-R776(MASVDNPHV	74	>EGFR-R776(MASVDNPHV	21545	21471
>EGFR-R776(MASVDNPHV	268	>EGFR-R776(MASVDNPHV	35499	35231
>EGFR-R776(MASVDNPHV	9	>EGFR-R776(MASVDNPHV	22081	22072
>EGFR-R776(HVCRLGI	720	>EGFR-R776(HVCCLGI	373	347
>EGFR-R776(HVCRLGI	1031	>EGFR-R776(HVCCLGI	140	891
>EGFR-R776(NPHVCRL	65	>EGFR-R776(NPHVCCL	382	317
>EGFR-R776(VDNPHVCRLI	719	>EGFR-R776(VDNPHVCCLI	285	434
>EGFR-R776(SVDNPHVCRI	75	>EGFR-R776(SVDNPHVCCI	229	154
>EGFR-R776(SVDNPHVCRI	1156	>EGFR-R776(SVDNPHVCCI	315	841
>EGFR-R776(SVDNPHVCRI	449	>EGFR-R776(SVDNPHVCCI	246	203
>EGFR-R776(SVDNPHVCRI	2975	>EGFR-R776(SVDNPHVCCI	406	2569
>EGFR-R776(SVDNPHVCRI	204	>EGFR-R776(SVDNPHVCCI	714	510
>EGFR-R776(SVDNPHVCR	184	>EGFR-R776(SVDNPHVCC	19261	19077
>EGFR-R776(SVDNPHVCR	237	>EGFR-R776(SVDNPHVCC	22869	22632
>EGFR-R776(SVDNPHVCR	118	>EGFR-R776(SVDNPHVCC	37801	37683
>EGFR-R776(ASVDNPHVCI	300	>EGFR-R776(ASVDNPHVCI	33878	33578
>EGFR-R776(ASVDNPHVCI	389	>EGFR-R776(ASVDNPHVCI	346	43
>EGFR-R776(ASVDNPHVCI	113	>EGFR-R776(ASVDNPHVCI	29098	28985
>EGFR-R776(ASVDNPHVCI	423	>EGFR-R776(ASVDNPHVCI	39433	39010

>EGFR-R776(ASVDNPHVCI	6	>EGFR-R776(ASVDNPHVCI	28	22
>EGFR-R776(ASVDNPHVCI	154	>EGFR-R776(ASVDNPHVCI	10352	10198
>EGFR-R776(RLLGICLT	229	>EGFR-R776(GLLGICLT	306	77
>EGFR-R776(RLLGICLTST	73	>EGFR-R776(GLLGICLTST	109	36
>EGFR-R776(RLLGICLTSTV	15	>EGFR-R776(GLLGICLTSTV	16	1
>EGFR-R776(RLLGICLT	582	>EGFR-R776(GLLGICLT	419	163
>EGFR-R776(RLLGICLTST	207	>EGFR-R776(GLLGICLTST	166	41
>EGFR-R776(RLLGICLTSTV	29	>EGFR-R776(GLLGICLTSTV	27	2
>EGFR-R776(RLLGICLTST	52	>EGFR-R776(GLLGICLTST	68	16
>EGFR-R776(RLLGICLTSTV	13	>EGFR-R776(GLLGICLTSTV	20	7
>EGFR-R776(RLLGICLT	310	>EGFR-R776(GLLGICLT	948	638
>EGFR-R776(RLLGICLTST	87	>EGFR-R776(GLLGICLTST	192	105
>EGFR-R776(RLLGICLTSTV	19	>EGFR-R776(GLLGICLTSTV	38	19
>EGFR-R776(RLLGICLT	35	>EGFR-R776(GLLGICLT	64	29
>EGFR-R776(RLLGICLTST	95	>EGFR-R776(GLLGICLTST	203	108
>EGFR-R776(RLLGICLTSTV	2	>EGFR-R776(GLLGICLTSTV	2	0
>EGFR-R776(RLLGICLTSTV	5	>EGFR-R776(GLLGICLTSTV	4	1
>EGFR-R776(RLLGICLT	112	>EGFR-R776(GLLGICLT	62	50
>EGFR-R776(RLLGICLTST	401	>EGFR-R776(GLLGICLTST	212	189
>EGFR-R776(RLLGICLTSTV	5	>EGFR-R776(GLLGICLTSTV	5	0
>EGFR-R776(RLLGICLTSTV	2	>EGFR-R776(GLLGICLTSTV	3	1
>EGFR-R776(RLLGICLT	30	>EGFR-R776(GLLGICLT	25	5
>EGFR-R776(RLLGICLTST	34	>EGFR-R776(GLLGICLTST	28	6
>EGFR-R776(RLLGICLTSTV	2	>EGFR-R776(GLLGICLTSTV	2	0
>EGFR-R776(RLLGICLTS	163	>EGFR-R776(GLLGICLTS	4423	4260
>EGFR-R776(RLLGICLTST	360	>EGFR-R776(GLLGICLTST	7335	6975
>EGFR-R776(RLLGICLTSTV	23	>EGFR-R776(GLLGICLTSTV	411	388
>EGFR-R776(RLLGICLTSTV	241	>EGFR-R776(GLLGICLTSTV	298	57
>EGFR-R776(CRLLGICL	260	>EGFR-R776(CGLLGICL	22918	22658
>EGFR-R776(MASVDNPHV	74	>EGFR-R776(MASVDNPHV	20966	20892
>EGFR-R776(MASVDNPHV	268	>EGFR-R776(MASVDNPHV	33496	33228
>EGFR-R776(MASVDNPHV	9	>EGFR-R776(MASVDNPHV	19206	19197
>EGFR-R776(HVCRLG	720	>EGFR-R776(HVCGLLGI	327	393
>EGFR-R776(HVCRLGICL	662	>EGFR-R776(HVCGLLGI	447	215
>EGFR-R776(HVCRLG	1031	>EGFR-R776(HVCGLLGI	332	699
>EGFR-R776(NPHVCRL	65	>EGFR-R776(NPHVCGLL	97	32
>EGFR-R776(VDNPHVCRL	538	>EGFR-R776(VDNPHVCGL	473	65
>EGFR-R776(VDNPHVCRLI	719	>EGFR-R776(VDNPHVCGLI	195	524
>EGFR-R776(SVDNPHVCRI	75	>EGFR-R776(SVDNPHVCG	54	21
>EGFR-R776(SVDNPHVCRI	449	>EGFR-R776(SVDNPHVCG	189	260
>EGFR-R776(SVDNPHVCRI	204	>EGFR-R776(SVDNPHVCG	220	16
>EGFR-R776(SVDNPHVCR	184	>EGFR-R776(SVDNPHVCG	17582	17398
>EGFR-R776(SVDNPHVCR	237	>EGFR-R776(SVDNPHVCG	22371	22134

>EGFR-R776(SVDNPHVCR	118	>EGFR-R776(SVDNPHVCG	35006	34888
>EGFR-R776(SVDNPHVCRI	627	>EGFR-R776(SVDNPHVCG	146	481
>EGFR-R776(SVDNPHVCRI	755	>EGFR-R776(SVDNPHVCG	396	359
>EGFR-R776(ASVDNPHVCI	300	>EGFR-R776(ASVDNPHVCI	32739	32439
>EGFR-R776(ASVDNPHVCI	389	>EGFR-R776(ASVDNPHVCI	376	13
>EGFR-R776(ASVDNPHVCI	113	>EGFR-R776(ASVDNPHVCI	31001	30888
>EGFR-R776(ASVDNPHVCI	423	>EGFR-R776(ASVDNPHVCI	39069	38646
>EGFR-R776(ASVDNPHVCI	6	>EGFR-R776(ASVDNPHVCI	6	0
>EGFR-R776(ASVDNPHVCI	154	>EGFR-R776(ASVDNPHVCI	7615	7461
>EGFR-R776†RLLGICLT	229	>EGFR-R776†HLLGICLT	565	336
>EGFR-R776†RLLGICLTST	73	>EGFR-R776†HLLGICLTST	122	49
>EGFR-R776†RLLGICLTSTV	15	>EGFR-R776†HLLGICLTSTV	19	4
>EGFR-R776†RLLGICLT	582	>EGFR-R776†HLLGICLT	406	176
>EGFR-R776†RLLGICLTST	207	>EGFR-R776†HLLGICLTST	266	59
>EGFR-R776†RLLGICLTSTV	29	>EGFR-R776†HLLGICLTSTV	25	4
>EGFR-R776†RLLGICLTST	52	>EGFR-R776†HLLGICLTST	99	47
>EGFR-R776†RLLGICLTSTV	13	>EGFR-R776†HLLGICLTSTV	22	9
>EGFR-R776†RLLGICLT	310	>EGFR-R776†HLLGICLT	854	544
>EGFR-R776†RLLGICLTST	87	>EGFR-R776†HLLGICLTST	189	102
>EGFR-R776†RLLGICLTSTV	19	>EGFR-R776†HLLGICLTSTV	32	13
>EGFR-R776†RLLGICLT	35	>EGFR-R776†HLLGICLT	132	97
>EGFR-R776†RLLGICLTST	95	>EGFR-R776†HLLGICLTST	450	355
>EGFR-R776†RLLGICLTSTV	2	>EGFR-R776†HLLGICLTSTV	3	1
>EGFR-R776†RLLGICLTSTV	5	>EGFR-R776†HLLGICLTSTV	5	0
>EGFR-R776†RLLGICLT	112	>EGFR-R776†HLLGICLT	203	91
>EGFR-R776†RLLGICLTST	401	>EGFR-R776†HLLGICLTST	859	458
>EGFR-R776†RLLGICLTSTV	5	>EGFR-R776†HLLGICLTSTV	6	1
>EGFR-R776†RLLGICLTSTV	2	>EGFR-R776†HLLGICLTSTV	3	1
>EGFR-R776†RLLGICLT	30	>EGFR-R776†HLLGICLT	27	3
>EGFR-R776†RLLGICLTST	34	>EGFR-R776†HLLGICLTST	32	2
>EGFR-R776†RLLGICLTSTV	2	>EGFR-R776†HLLGICLTSTV	2	0
>EGFR-R776†RLLGICLTS	163	>EGFR-R776†HLLGICLTS	1548	1385
>EGFR-R776†RLLGICLTST	360	>EGFR-R776†HLLGICLTST	3076	2716
>EGFR-R776†RLLGICLTSTV	23	>EGFR-R776†HLLGICLTSTV	143	120
>EGFR-R776†RLLGICLTSTV	779	>EGFR-R776†HLLGICLTSTV	55	724
>EGFR-R776†RLLGICLTSTV	241	>EGFR-R776†HLLGICLTSTV	1089	848
>EGFR-R776†CRLLGICL	260	>EGFR-R776†CHLLGICL	19812	19552
>EGFR-R776†CRLLGICL	752	>EGFR-R776†CHLLGICL	213	539
>EGFR-R776†MASVDNPHV	74	>EGFR-R776†MASVDNPHV	9913	9839
>EGFR-R776†MASVDNPHV	268	>EGFR-R776†MASVDNPHV	25727	25459
>EGFR-R776†MASVDNPHV	9	>EGFR-R776†MASVDNPHV	2924	2915
>EGFR-R776†MASVDNPHV	9418	>EGFR-R776†MASVDNPHV	396	9022
>EGFR-R776†HVCRLGI	720	>EGFR-R776†HVCHLLGI	410	310

>EGFR-R776† HVCRLGI	1031	>EGFR-R776† HVCHLLGI	338	693
>EGFR-R776† NPHVCRLI	1600	>EGFR-R776† NPHVCHLL	215	1385
>EGFR-R776† NPHVCRLI	65	>EGFR-R776† NPHVCHLL	136	71
>EGFR-R776† NPHVCRLI	1428	>EGFR-R776† NPHVCHLL	258	1170
>EGFR-R776† NPHVCRLGI	1176	>EGFR-R776† NPHVCHLLGI	416	760
>EGFR-R776† VDNPHVCRLI	719	>EGFR-R776† VDNPHVCHLI	328	391
>EGFR-R776† SVDNPHVCRI	75	>EGFR-R776† SVDNPHVCHI	106	31
>EGFR-R776† SVDNPHVCRI	1156	>EGFR-R776† SVDNPHVCHI	312	844
>EGFR-R776† SVDNPHVCRI	449	>EGFR-R776† SVDNPHVCHI	162	287
>EGFR-R776† SVDNPHVCRI	2975	>EGFR-R776† SVDNPHVCHI	432	2543
>EGFR-R776† SVDNPHVCRI	204	>EGFR-R776† SVDNPHVCHI	330	126
>EGFR-R776† SVDNPHVCRI	3469	>EGFR-R776† SVDNPHVCHI	427	3042
>EGFR-R776† SVDNPHVCR	184	>EGFR-R776† SVDNPHVCH	1810	1626
>EGFR-R776† SVDNPHVCR	237	>EGFR-R776† SVDNPHVCH	14719	14482
>EGFR-R776† SVDNPHVCR	118	>EGFR-R776† SVDNPHVCH	16414	16296
>EGFR-R776† SVDNPHVCRI	627	>EGFR-R776† SVDNPHVCHI	422	205
>EGFR-R776† SVDNPHVCRI	1859	>EGFR-R776† SVDNPHVCHI	234	1625
>EGFR-R776† ASVDNPHVCI	300	>EGFR-R776† ASVDNPHVCI	12709	12409
>EGFR-R776† ASVDNPHVCI	389	>EGFR-R776† ASVDNPHVCI	206	183
>EGFR-R776† ASVDNPHVCI	113	>EGFR-R776† ASVDNPHVCI	13961	13848
>EGFR-R776† ASVDNPHVCI	423	>EGFR-R776† ASVDNPHVCI	26454	26031
>EGFR-R776† ASVDNPHVCI	6	>EGFR-R776† ASVDNPHVCI	10	4
>EGFR-R776† ASVDNPHVCI	154	>EGFR-R776† ASVDNPHVCI	819	665
>EGFR-R803I REHKDNIGSC	364	>EGFR-R803I LEHKDNIGSQ	385	21
>EGFR-R803I REHKDNIGSC	104	>EGFR-R803I LEHKDNIGSQ	213	109
>EGFR-R803I REHKDNIGSC	773	>EGFR-R803I LEHKDNIGSQ	78	695
>EGFR-R803I REHKDNIGSC	360	>EGFR-R803I LEHKDNIGSQ	414	54
>EGFR-R803I REHKDNIGS	394	>EGFR-R803I LEHKDNIGS	2425	2031
>EGFR-R803I REHKDNIGSC	362	>EGFR-R803I LEHKDNIGSQ	524	162
>EGFR-R803I MPFGCLLDY\	8723	>EGFR-R803I MPFGCLLDY\	10	8713
>EGFR-R803I MPFGCLLDY\	498	>EGFR-R803I MPFGCLLDY\	17685	17187
>EGFR-R803I MPFGCLLDY\	425	>EGFR-R803I MPFGCLLDY\	21565	21140
>EGFR-R803I MPFGCLLDY\	63	>EGFR-R803I MPFGCLLDY\	22683	22620
>EGFR-R803I MPFGCLLDY\	12003	>EGFR-R803I MPFGCLLDY\	52	11951
>EGFR-R803I MPFGCLLDY\	80	>EGFR-R803I MPFGCLLDY\	13	67
>EGFR-R803I MPFGCLLDY\	7367	>EGFR-R803I MPFGCLLDY\	22	7345
>EGFR-R803I MPFGCLLDY\	1212	>EGFR-R803I MPFGCLLDY\	24	1188
>EGFR-R803I MPFGCLLDY\	43	>EGFR-R803I MPFGCLLDY\	46	3
>EGFR-R803I MPFGCLLDY\	8469	>EGFR-R803I MPFGCLLDY\	184	8285
>EGFR-R803I MPFGCLLDY\	1717	>EGFR-R803I MPFGCLLDY\	216	1501
>EGFR-R803I MPFGCLLDY\	32	>EGFR-R803I MPFGCLLDY\	14221	14189
>EGFR-R803I YVREHKDNI	11981	>EGFR-R803I YVLEHKDNI	376	11605
>EGFR-R803I YVREHKDNI	2207	>EGFR-R803I YVLEHKDNI	63	2144



>EGFR-R803I YVREHKDNIG	8599	>EGFR-R803I YVLEHKDNIG	309	8290
>EGFR-R803I YVREHKDNI	1668	>EGFR-R803I YVLEHKDNI	27	1641
>EGFR-R803I YVREHKDNI	7361	>EGFR-R803I YVLEHKDNI	119	7242
>EGFR-R803I YVREHKDNI	11920	>EGFR-R803I YVLEHKDNI	270	11650
>EGFR-R803I YVREHKDNI	2233	>EGFR-R803I YVLEHKDNI	19	2214
>EGFR-R803I LDYVREHKDN	101	>EGFR-R803I LDYVLEHKDN	95	6
>EGFR-R803I LDYVREHKDN	286	>EGFR-R803I LDYVLEHKDN	182	104
>EGFR-R803I LDYVREHKDN	387	>EGFR-R803I LDYVLEHKDN	408	21
>EGFR-R803I LDYVREHKDN	62	>EGFR-R803I LDYVLEHKDN	59	3
>EGFR-R803I CLLDYVREHK	74	>EGFR-R803I CLLDYVLEHK	40	34
>EGFR-R803I CLLDYVREHK	144	>EGFR-R803I CLLDYVLEHK	57	87
>EGFR-R803I GCLLDYVR	361	>EGFR-R803I GCLLDYVL	32999	32638
>EGFR-R803I FGCLLDYVR	78	>EGFR-R803I FGCLLDYVL	28732	28654
>EGFR-R803I PFGCLLDYVR	35	>EGFR-R803I PFGCLLDYVL	22136	22101
>EGFR-R831C(RRLVHRDL	220	>EGFR-R831C(RRLVHRDL	1567	1347
>EGFR-R831C(RRLVHRDL	45	>EGFR-R831C(RRLVHRDL	1367	1322
>EGFR-R831C(RRLVHRDLA	102	>EGFR-R831C(RRLVHRDLA	2747	2645
>EGFR-R831C(RRLVHRDLAA	34	>EGFR-R831C(RRLVHRDLAA	405	371
>EGFR-R831C(RRLVHRDLAA	29	>EGFR-R831C(RRLVHRDLAA	379	350
>EGFR-R831C(RRLVHRDL	15	>EGFR-R831C(RRLVHRDL	652	637
>EGFR-R831C(RRLVHRDLA	91	>EGFR-R831C(RRLVHRDLA	9059	8968
>EGFR-R831C(RRLVHRDLAA	38	>EGFR-R831C(RRLVHRDLAA	1072	1034
>EGFR-R831C(RRLVHRDLAA	224	>EGFR-R831C(RRLVHRDLAA	14934	14710
>EGFR-R831C(RRLVHRDL	34	>EGFR-R831C(RRLVHRDL	95	61
>EGFR-R831C(RRLVHRDLA	57	>EGFR-R831C(RRLVHRDLA	1267	1210
>EGFR-R831C(RRLVHRDLAA	72	>EGFR-R831C(RRLVHRDLAA	919	847
>EGFR-R831C(RRLVHRDLAA	121	>EGFR-R831C(RRLVHRDLAA	1152	1031
>EGFR-R831C(IAKGMNYLEC	143	>EGFR-R831C(IAKGMNYLEC	22416	22273
>EGFR-R831C(IAKGMNYLEC	310	>EGFR-R831C(IAKGMNYLEC	35563	35253
>EGFR-R831C(IAKGMNYLEC	174	>EGFR-R831C(IAKGMNYLEC	37377	37203
>EGFR-R831C(EDRRLVHR	1500	>EGFR-R831C(EDRRLVHR	379	1121
>EGFR-R831C(LEDRLVHRD	355	>EGFR-R831C(LEDRLVHRD	1301	946
>EGFR-R831C(LEDRLVHRD	275	>EGFR-R831C(LEDRLVHRD	204	71
>EGFR-R831C(YLEDRLV	188	>EGFR-R831C(YLEDRLV	48	140
>EGFR-R831C(YLEDRLV	44	>EGFR-R831C(YLEDRLV	13	31
>EGFR-R831C(YLEDRLV	32	>EGFR-R831C(YLEDRLV	17	15
>EGFR-R831C(YLEDRLV	198	>EGFR-R831C(YLEDRLV	68	130
>EGFR-R831C(YLEDRLV	17	>EGFR-R831C(YLEDRLV	14	3
>EGFR-R831C(YLEDRLV	47	>EGFR-R831C(YLEDRLV	16	31
>EGFR-R831C(YLEDRLV	62	>EGFR-R831C(YLEDRLV	35	27
>EGFR-R831C(YLEDRLV	670	>EGFR-R831C(YLEDRLV	80	590
>EGFR-R831C(YLEDRLV	2	>EGFR-R831C(YLEDRLV	2	0
>EGFR-R831C(YLEDRLVHR	418	>EGFR-R831C(YLEDRLVHR	503	85

>EGFR-R831(YLED <del>R</del> RLVHR	253	>EGFR-R831(YLEDC <del>R</del> LVHR	240	13
>EGFR-R831(YLED <del>R</del> RLVHR	229	>EGFR-R831(YLEDC <del>R</del> LVHR	170	59
>EGFR-R831(YLED <del>R</del> RLVHR	420	>EGFR-R831(YLEDC <del>R</del> LVHR	255	165
>EGFR-R831(YLED <del>R</del> RLVHR	1518	>EGFR-R831(YLEDC <del>R</del> LVHR	464	1054
>EGFR-R831(YLED <del>R</del> RLVHR	93	>EGFR-R831(YLEDC <del>R</del> LVHR	63	30
>EGFR-R831(YLED <del>R</del> RLVHR	162	>EGFR-R831(YLEDC <del>R</del> LVHR	55	107
>EGFR-R831(NYLED <del>R</del> RL	81	>EGFR-R831(NYLED <del>C</del> RL	55	26
>EGFR-R831(NYLED <del>R</del> RLVH	159	>EGFR-R831(NYLED <del>C</del> RLVH	450	291
>EGFR-R831(NYLED <del>R</del> RLVH	17	>EGFR-R831(NYLED <del>C</del> RLVH	25	8
>EGFR-R831(NYLED <del>R</del> RLVH	26	>EGFR-R831(NYLED <del>C</del> RLVH	34	8
>EGFR-R831(MNYLED <del>R</del> RL	536	>EGFR-R831(MNYLED <del>C</del> RL	399	137
>EGFR-R831(MNYLED <del>R</del> R	145	>EGFR-R831(MNYLED <del>C</del> R	107	38
>EGFR-R831(MNYLED <del>R</del> R	474	>EGFR-R831(MNYLED <del>C</del> R	564	90
>EGFR-R831(GMNYLED <del>R</del> R	1051	>EGFR-R831(GMNYLED <del>C</del> R	426	625
>EGFR-R831(GMNYLED <del>R</del> R	308	>EGFR-R831(GMNYLED <del>C</del> R	117	191
>EGFR-R831(GMNYLED <del>R</del> R	54	>EGFR-R831(GMNYLED <del>C</del> R	27	27
>EGFR-R831(GMNYLED <del>R</del> R	42	>EGFR-R831(GMNYLED <del>C</del> R	33	9
>EGFR-R831(GMNYLED <del>R</del> R	838	>EGFR-R831(GMNYLED <del>C</del> R	281	557
>EGFR-R831(GMNYLED <del>R</del> R	61	>EGFR-R831(GMNYLED <del>C</del> R	52	9
>EGFR-R831(GMNYLED <del>R</del> R	824	>EGFR-R831(GMNYLED <del>C</del> R	123	701
>EGFR-R831(GMNYLED <del>R</del> R	95	>EGFR-R831(GMNYLED <del>C</del> R	53	42
>EGFR-R831(GMNYLED <del>R</del> R	1329	>EGFR-R831(GMNYLED <del>C</del> R	96	1233
>EGFR-R831(GMNYLED <del>R</del> R	75	>EGFR-R831(GMNYLED <del>C</del> R	45	30
>EGFR-R831(GMNYLED <del>R</del> R	1234	>EGFR-R831(GMNYLED <del>C</del> R	141	1093
>EGFR-R831(GMNYLED <del>R</del> R	39	>EGFR-R831(GMNYLED <del>C</del> R	45	6
>EGFR-R831(GMNYLED <del>R</del>	92	>EGFR-R831(GMNYLED <del>C</del>	22702	22610
>EGFR-R831(GMNYLED <del>R</del> R	155	>EGFR-R831(GMNYLED <del>C</del> R	161	6
>EGFR-R831(KGMNYLED <del>R</del>	159	>EGFR-R831(KGMNYLED <del>C</del>	22782	22623
>EGFR-R831(KGMNYLED <del>R</del>	481	>EGFR-R831(KGMNYLED <del>C</del>	316	165
>EGFR-R831(KGMNYLED <del>R</del>	425	>EGFR-R831(KGMNYLED <del>C</del>	37057	36632
>EGFR-R831(KGMNYLED <del>R</del>	306	>EGFR-R831(KGMNYLED <del>C</del>	508	202
>EGFR-R831H <del>R</del> RLVHRDL	220	>EGFR-R831H <del>R</del> RLVHRDL	986	766
>EGFR-R831H <del>R</del> RLVHRDL	45	>EGFR-R831H <del>R</del> RLVHRDL	189	144
>EGFR-R831H <del>R</del> RLVHRDLA	102	>EGFR-R831H <del>R</del> RLVHRDLA	539	437
>EGFR-R831H <del>R</del> RLVHRDLA/	34	>EGFR-R831H <del>R</del> RLVHRDLA/	59	25
>EGFR-R831H <del>R</del> RLVHRDLA/	29	>EGFR-R831H <del>R</del> RLVHRDLA/	75	46
>EGFR-R831H <del>R</del> RLVHRDL	15	>EGFR-R831H <del>R</del> RLVHRDL	661	646
>EGFR-R831H <del>R</del> RLVHRDLA	91	>EGFR-R831H <del>R</del> RLVHRDLA	3187	3096
>EGFR-R831H <del>R</del> RLVHRDLA/	38	>EGFR-R831H <del>R</del> RLVHRDLA/	411	373
>EGFR-R831H <del>R</del> RLVHRDLA/	224	>EGFR-R831H <del>R</del> RLVHRDLA/	7202	6978
>EGFR-R831H <del>R</del> RLVHRDL	34	>EGFR-R831H <del>R</del> RLVHRDL	555	521
>EGFR-R831H <del>R</del> RLVHRDLA	57	>EGFR-R831H <del>R</del> RLVHRDLA	502	445
>EGFR-R831H <del>R</del> RLVHRDLA/	72	>EGFR-R831H <del>R</del> RLVHRDLA/	1089	1017

>EGFR-R831F RRLVHRDLAA	121	>EGFR-R831F HRLVHRDLAA	738	617
>EGFR-R831F IAKGMNYLEC	143	>EGFR-R831F IAKGMNYLEC	11210	11067
>EGFR-R831F IAKGMNYLEC	310	>EGFR-R831F IAKGMNYLEC	25851	25541
>EGFR-R831F IAKGMNYLEC	174	>EGFR-R831F IAKGMNYLEC	17836	17662
>EGFR-R831F EDRLVHR	1500	>EGFR-R831F EDHRLVHR	314	1186
>EGFR-R831F LEDRLVHRC	355	>EGFR-R831F LEDHRLVHRC	397	42
>EGFR-R831F LEDRLVHRC	275	>EGFR-R831F LEDHRLVHRC	206	69
>EGFR-R831F YLEDRLV	188	>EGFR-R831F YLEDHRLV	98	90
>EGFR-R831F YLEDRLV	44	>EGFR-R831F YLEDHRLV	20	24
>EGFR-R831F YLEDRLV	32	>EGFR-R831F YLEDHRLV	13	19
>EGFR-R831F YLEDRLV	198	>EGFR-R831F YLEDHRLV	102	96
>EGFR-R831F YLEDRLV	17	>EGFR-R831F YLEDHRLV	6	11
>EGFR-R831F YLEDRLV	47	>EGFR-R831F YLEDHRLV	18	29
>EGFR-R831F YLEDRLV	62	>EGFR-R831F YLEDHRLV	41	21
>EGFR-R831F YLEDRLV	670	>EGFR-R831F YLEDHRLV	275	395
>EGFR-R831F YLEDRLV	2	>EGFR-R831F YLEDHRLV	2	0
>EGFR-R831F YLEDRLVHR	418	>EGFR-R831F YLEDHRLVHR	522	104
>EGFR-R831F YLEDRLVHR	253	>EGFR-R831F YLEDHRLVHR	265	12
>EGFR-R831F YLEDRLVHR	229	>EGFR-R831F YLEDHRLVHR	257	28
>EGFR-R831F YLEDRLVHR	420	>EGFR-R831F YLEDHRLVHR	1662	1242
>EGFR-R831F YLEDRLVHR	93	>EGFR-R831F YLEDHRLVHR	86	7
>EGFR-R831F YLEDRLVHR	162	>EGFR-R831F YLEDHRLVHR	141	21
>EGFR-R831F NYLEDRL	1780	>EGFR-R831F NYLEDHRL	225	1555
>EGFR-R831F NYLEDRL	81	>EGFR-R831F NYLEDHRL	25	56
>EGFR-R831F NYLEDRLVH	159	>EGFR-R831F NYLEDHRLVH	181	22
>EGFR-R831F NYLEDRLVH	17	>EGFR-R831F NYLEDHRLVH	18	1
>EGFR-R831F NYLEDRLVH	26	>EGFR-R831F NYLEDHRLVH	24	2
>EGFR-R831F MNYLEDRR	145	>EGFR-R831F MNYLEDHR	84	61
>EGFR-R831F MNYLEDRR	474	>EGFR-R831F MNYLEDHR	158	316
>EGFR-R831F GMNYLEDRR	308	>EGFR-R831F GMNYLEDHR	103	205
>EGFR-R831F GMNYLEDRR	54	>EGFR-R831F GMNYLEDHR	34	20
>EGFR-R831F GMNYLEDRR	42	>EGFR-R831F GMNYLEDHR	29	13
>EGFR-R831F GMNYLEDRR	838	>EGFR-R831F GMNYLEDHR	226	612
>EGFR-R831F GMNYLEDRR	61	>EGFR-R831F GMNYLEDHR	24	37
>EGFR-R831F GMNYLEDRR	824	>EGFR-R831F GMNYLEDHR	61	763
>EGFR-R831F GMNYLEDRR	95	>EGFR-R831F GMNYLEDHR	41	54
>EGFR-R831F GMNYLEDRR	1329	>EGFR-R831F GMNYLEDHR	117	1212
>EGFR-R831F GMNYLEDRR	75	>EGFR-R831F GMNYLEDHR	40	35
>EGFR-R831F GMNYLEDRR	1234	>EGFR-R831F GMNYLEDHR	84	1150
>EGFR-R831F GMNYLEDRR	39	>EGFR-R831F GMNYLEDHR	34	5
>EGFR-R831F GMNYLEDH	92	>EGFR-R831F GMNYLEDH	12643	12551
>EGFR-R831F GMNYLEDRR	155	>EGFR-R831F GMNYLEDHR	56	99
>EGFR-R831F KGMNYLEDH	159	>EGFR-R831F KGMNYLEDH	12977	12818

>EGFR-R831F KGMNYLEDH	481	>EGFR-R831F KGMNYLEDH	436	45
>EGFR-R831F KGMNYLEDH	425	>EGFR-R831F KGMNYLEDH	32368	31943
>EGFR-R831F KGMNYLEDH	306	>EGFR-R831F KGMNYLEDH	135	171
>EGFR-R832(C RLVHRDLA	174	>EGFR-R832(C RLVHRDLA	601	427
>EGFR-R832(C RLVHRDLAA	166	>EGFR-R832(C RLVHRDLAA	547	381
>EGFR-R832(C RLVHRDLAA	344	>EGFR-R832(C RLVHRDLAA	2587	2243
>EGFR-R832(C RLVHRDLA	452	>EGFR-R832(C RLVHRDLA	1886	1434
>EGFR-R832(C RLVHRDLAAF	26	>EGFR-R832(C RLVHRDLAAF	148	122
>EGFR-R832(C RLVHRDLAAF	1562	>EGFR-R832(C RLVHRDLAAF	447	1115
>EGFR-R832(C RLVHRDLAAF	136	>EGFR-R832(C RLVHRDLAAF	583	447
>EGFR-R832(C RLVHRDLAAF	132	>EGFR-R832(C RLVHRDLAAF	321	189
>EGFR-R832(C RRLVHRDLAA	759	>EGFR-R832(C RCLVHRDLAA	30	729
>EGFR-R832(C RRLVHRDL	220	>EGFR-R832(C RCLVHRDL	4640	4420
>EGFR-R832(C RRLVHRDL	45	>EGFR-R832(C RCLVHRDL	20587	20542
>EGFR-R832(C RRLVHRDLA	102	>EGFR-R832(C RCLVHRDLA	22330	22228
>EGFR-R832(C RRLVHRDLAA	34	>EGFR-R832(C RCLVHRDLAA	22834	22800
>EGFR-R832(C RRLVHRDLAA	29	>EGFR-R832(C RCLVHRDLAA	17756	17727
>EGFR-R832(C RRLVHRDL	15	>EGFR-R832(C RCLVHRDL	4305	4290
>EGFR-R832(C RRLVHRDLA	91	>EGFR-R832(C RCLVHRDLA	18753	18662
>EGFR-R832(C RRLVHRDLAA	38	>EGFR-R832(C RCLVHRDLAA	16479	16441
>EGFR-R832(C RRLVHRDLAA	224	>EGFR-R832(C RCLVHRDLAA	24654	24430
>EGFR-R832(C RRLVHRDL	34	>EGFR-R832(C RCLVHRDL	2605	2571
>EGFR-R832(C RRLVHRDLA	57	>EGFR-R832(C RCLVHRDLA	21712	21655
>EGFR-R832(C RRLVHRDLAA	72	>EGFR-R832(C RCLVHRDLAA	22785	22713
>EGFR-R832(C RRLVHRDLAA	121	>EGFR-R832(C RCLVHRDLAA	21308	21187
>EGFR-R832(C RRLVHRDLAA	625	>EGFR-R832(C RCLVHRDLAA	213	412
>EGFR-R832(C LEDRRLVHRD	355	>EGFR-R832(C LEDRCLVHRD	715	360
>EGFR-R832(C LEDRRLVHRD	275	>EGFR-R832(C LEDRCLVHRD	105	170
>EGFR-R832(C YLED RRLV	188	>EGFR-R832(C YLED RCLV	31	157
>EGFR-R832(C YLED RRLV	44	>EGFR-R832(C YLED RCLV	12	32
>EGFR-R832(C YLED RRLV	32	>EGFR-R832(C YLED RCLV	16	16
>EGFR-R832(C YLED RRLV	198	>EGFR-R832(C YLED RCLV	28	170
>EGFR-R832(C YLED RRLV	17	>EGFR-R832(C YLED RCLV	6	11
>EGFR-R832(C YLED RRLV	47	>EGFR-R832(C YLED RCLV	11	36
>EGFR-R832(C YLED RRLV	62	>EGFR-R832(C YLED RCLV	11	51
>EGFR-R832(C YLED RRLV	670	>EGFR-R832(C YLED RCLV	40	630
>EGFR-R832(C YLED RRLV	2	>EGFR-R832(C YLED RCLV	1	1
>EGFR-R832(C YLED RRLVHR	418	>EGFR-R832(C YLED RCLVHR	425	7
>EGFR-R832(C YLED RRLVHR	253	>EGFR-R832(C YLED RCLVHR	349	96
>EGFR-R832(C YLED RRLVHR	229	>EGFR-R832(C YLED RCLVHR	221	8
>EGFR-R832(C YLED RRLVHR	420	>EGFR-R832(C YLED RCLVHR	498	78
>EGFR-R832(C YLED RRLVHR	93	>EGFR-R832(C YLED RCLVHR	58	35
>EGFR-R832(C YLED RRLVHR	162	>EGFR-R832(C YLED RCLVHR	122	40

>EGFR-R832(NYLEDRRL	81	>EGFR-R832(NYLEDRCL	230	149
>EGFR-R832(NYLEDRRLVH	159	>EGFR-R832(NYLEDRCLVH	140	19
>EGFR-R832(NYLEDRRLVH	17	>EGFR-R832(NYLEDRCLVH	14	3
>EGFR-R832(NYLEDRRLVH	26	>EGFR-R832(NYLEDRCLVH	15	11
>EGFR-R832(MNYLEDRR	145	>EGFR-R832(MNYLEDRC	36164	36019
>EGFR-R832(MNYLEDRR	474	>EGFR-R832(MNYLEDRC	35748	35274
>EGFR-R832(GMNYLEDRR	1051	>EGFR-R832(GMNYLEDRC	203	848
>EGFR-R832(GMNYLEDRR	308	>EGFR-R832(GMNYLEDRC	440	132
>EGFR-R832(GMNYLEDRR	54	>EGFR-R832(GMNYLEDRC	20	34
>EGFR-R832(GMNYLEDRR	42	>EGFR-R832(GMNYLEDRC	31	11
>EGFR-R832(GMNYLEDRR	61	>EGFR-R832(GMNYLEDRC	21	40
>EGFR-R832(GMNYLEDRR	824	>EGFR-R832(GMNYLEDRC	486	338
>EGFR-R832(GMNYLEDRR	95	>EGFR-R832(GMNYLEDRC	24	71
>EGFR-R832(GMNYLEDRR	75	>EGFR-R832(GMNYLEDRC	14	61
>EGFR-R832(GMNYLEDRR	2450	>EGFR-R832(GMNYLEDRC	392	2058
>EGFR-R832(GMNYLEDRR	39	>EGFR-R832(GMNYLEDRC	13	26
>EGFR-R832(GMNYLEDRR	155	>EGFR-R832(GMNYLEDRC	23587	23432
>EGFR-R832(KGMNYLEDR	481	>EGFR-R832(KGMNYLEDR	31067	30586
>EGFR-R832(KGMNYLEDR	306	>EGFR-R832(KGMNYLEDR	36142	35836
>EGFR-R832†RLVHRDLA	174	>EGFR-R832†HLVHRDLA	447	273
>EGFR-R832†RLVHRDLAA	166	>EGFR-R832†HLVHRDLAA	412	246
>EGFR-R832†RLVHRDLAA	344	>EGFR-R832†HLVHRDLAA	1058	714
>EGFR-R832†RLVHRDLA	452	>EGFR-R832†HLVHRDLA	504	52
>EGFR-R832†RLVHRDLAAF	26	>EGFR-R832†HLVHRDLAAF	149	123
>EGFR-R832†RLVHRDLAAF	1562	>EGFR-R832†HLVHRDLAAF	441	1121
>EGFR-R832†RLVHRDLAAF	1385	>EGFR-R832†HLVHRDLAAF	136	1249
>EGFR-R832†RLVHRDLAAF	136	>EGFR-R832†HLVHRDLAAF	517	381
>EGFR-R832†RLVHRDLAAF	132	>EGFR-R832†HLVHRDLAAF	127	5
>EGFR-R832†RRLVHRDLA†	759	>EGFR-R832†RHLVHRDLA†	117	642
>EGFR-R832†RRLVHRDL	220	>EGFR-R832†RHLVHRDL	502	282
>EGFR-R832†RRLVHRDL	45	>EGFR-R832†RHLVHRDL	11995	11950
>EGFR-R832†RRLVHRDLA	102	>EGFR-R832†RHLVHRDLA	14508	14406
>EGFR-R832†RRLVHRDLA†	34	>EGFR-R832†RHLVHRDLA†	2643	2609
>EGFR-R832†RRLVHRDLA†	29	>EGFR-R832†RHLVHRDLA†	6293	6264
>EGFR-R832†RRLVHRDL	15	>EGFR-R832†RHLVHRDL	1347	1332
>EGFR-R832†RRLVHRDLA	91	>EGFR-R832†RHLVHRDLA	4639	4548
>EGFR-R832†RRLVHRDLA†	38	>EGFR-R832†RHLVHRDLA†	6749	6711
>EGFR-R832†RRLVHRDLA†	224	>EGFR-R832†RHLVHRDLA†	9098	8874
>EGFR-R832†RRLVHRDL	34	>EGFR-R832†RHLVHRDL	1108	1074
>EGFR-R832†RRLVHRDLA	57	>EGFR-R832†RHLVHRDLA	6521	6464
>EGFR-R832†RRLVHRDLA†	72	>EGFR-R832†RHLVHRDLA†	10940	10868
>EGFR-R832†RRLVHRDLA†	121	>EGFR-R832†RHLVHRDLA†	7600	7479
>EGFR-R832†LEDRLVHRC	355	>EGFR-R832†LEDRLVHRC	867	512

>EGFR-R832I LEDRRLVHRC	275	>EGFR-R832I LEDRHLVHRC	115	160
>EGFR-R832I YLED RRLV	188	>EGFR-R832I YLED RHLV	28	160
>EGFR-R832I YLED RRLV	44	>EGFR-R832I YLED RHLV	9	35
>EGFR-R832I YLED RRLV	32	>EGFR-R832I YLED RHLV	13	19
>EGFR-R832I YLED RRLV	198	>EGFR-R832I YLED RHLV	24	174
>EGFR-R832I YLED RRLV	17	>EGFR-R832I YLED RHLV	4	13
>EGFR-R832I YLED RRLV	47	>EGFR-R832I YLED RHLV	7	40
>EGFR-R832I YLED RRLV	62	>EGFR-R832I YLED RHLV	11	51
>EGFR-R832I YLED RRLV	670	>EGFR-R832I YLED RHLV	37	633
>EGFR-R832I YLED RRLV	2	>EGFR-R832I YLED RHLV	1	1
>EGFR-R832I YLED RRLVHR	418	>EGFR-R832I YLED RHLVHR	366	52
>EGFR-R832I YLED RRLVHR	253	>EGFR-R832I YLED RHLVHR	258	5
>EGFR-R832I YLED RRLVHR	229	>EGFR-R832I YLED RHLVHR	745	516
>EGFR-R832I YLED RRLVHR	420	>EGFR-R832I YLED RHLVHR	794	374
>EGFR-R832I YLED RRLVHR	93	>EGFR-R832I YLED RHLVHR	287	194
>EGFR-R832I YLED RRLVHR	162	>EGFR-R832I YLED RHLVHR	140	22
>EGFR-R832I NYLED RRL	1050	>EGFR-R832I NYLED RHL	429	621
>EGFR-R832I NYLED RRLV	9845	>EGFR-R832I NYLED RHLV	399	9446
>EGFR-R832I NYLED RRL	81	>EGFR-R832I NYLED RHL	31	50
>EGFR-R832I NYLED RRLV	2247	>EGFR-R832I NYLED RHLV	411	1836
>EGFR-R832I NYLED RRLVH	159	>EGFR-R832I NYLED RHLVH	90	69
>EGFR-R832I NYLED RRLVH	17	>EGFR-R832I NYLED RHLVH	17	0
>EGFR-R832I NYLED RRLV	8283	>EGFR-R832I NYLED RHLV	475	7808
>EGFR-R832I NYLED RRLVH	26	>EGFR-R832I NYLED RHLVH	17	9
>EGFR-R832I MNYLED RR	145	>EGFR-R832I MNYLED RH	15485	15340
>EGFR-R832I MNYLED RR	474	>EGFR-R832I MNYLED RH	29800	29326
>EGFR-R832I GMNYLED RR	1051	>EGFR-R832I GMNYLED RH	104	947
>EGFR-R832I GMNYLED RR	308	>EGFR-R832I GMNYLED RH	311	3
>EGFR-R832I GMNYLED RR	54	>EGFR-R832I GMNYLED RH	10	44
>EGFR-R832I GMNYLED RR	42	>EGFR-R832I GMNYLED RH	23	19
>EGFR-R832I GMNYLED RR	61	>EGFR-R832I GMNYLED RH	20	41
>EGFR-R832I GMNYLED RR	824	>EGFR-R832I GMNYLED RH	327	497
>EGFR-R832I GMNYLED RR	95	>EGFR-R832I GMNYLED RH	15	80
>EGFR-R832I GMNYLED RR	1329	>EGFR-R832I GMNYLED RH	443	886
>EGFR-R832I GMNYLED RR	75	>EGFR-R832I GMNYLED RH	15	60
>EGFR-R832I GMNYLED RR	2450	>EGFR-R832I GMNYLED RH	193	2257
>EGFR-R832I GMNYLED RR	39	>EGFR-R832I GMNYLED RH	10	29
>EGFR-R832I GMNYLED RR	155	>EGFR-R832I GMNYLED RH	13927	13772
>EGFR-R832I KGMNYLED R	481	>EGFR-R832I KGMNYLED R	16904	16423
>EGFR-R832I KGMNYLED R	306	>EGFR-R832I KGMNYLED R	29914	29608
>EGFR-R832I RLVHRDLA	778	>EGFR-R832I LLVHRDLA	248	530
>EGFR-R832I RLVHRDLA	174	>EGFR-R832I LLVHRDLA	138	36
>EGFR-R832I RLVHRDLAA	166	>EGFR-R832I LLVHRDLAA	135	31

>EGFR-R832I RLVHRDLAA	344	>EGFR-R832I LLVHRDLAA	255	89
>EGFR-R832I RLVHRDLA	452	>EGFR-R832I LLVHRDLA	94	358
>EGFR-R832I RLVHRDLAA	796	>EGFR-R832I LLVHRDLAA	135	661
>EGFR-R832I RLVHRDLAAF	26	>EGFR-R832I LLVHRDLAAR	126	100
>EGFR-R832I RLVHRDLAAF	1562	>EGFR-R832I LLVHRDLAAR	444	1118
>EGFR-R832I RLVHRDLAAF	136	>EGFR-R832I LLVHRDLAAR	1329	1193
>EGFR-R832I RLVHRDLAAF	132	>EGFR-R832I LLVHRDLAAR	899	767
>EGFR-R832I RRLVHRDLAA	22368	>EGFR-R832I RLLVHRDLAA	310	22058
>EGFR-R832I RRLVHRDLAA	22041	>EGFR-R832I RLLVHRDLAA	350	21691
>EGFR-R832I RRLVHRDLAA	9907	>EGFR-R832I RLLVHRDLAA	355	9552
>EGFR-R832I RRLVHRDL	27455	>EGFR-R832I RLLVHRDL	233	27222
>EGFR-R832I RRLVHRDLAA	27926	>EGFR-R832I RLLVHRDLAA	420	27506
>EGFR-R832I RRLVHRDL	34481	>EGFR-R832I RLLVHRDL	156	34325
>EGFR-R832I RRLVHRDLA	36937	>EGFR-R832I RLLVHRDLA	407	36530
>EGFR-R832I RRLVHRDLAA	36515	>EGFR-R832I RLLVHRDLAA	403	36112
>EGFR-R832I RRLVHRDLAA	20960	>EGFR-R832I RLLVHRDLAA	419	20541
>EGFR-R832I RRLVHRDLAA	759	>EGFR-R832I RLLVHRDLAA	9	750
>EGFR-R832I RRLVHRDL	12781	>EGFR-R832I RLLVHRDL	356	12425
>EGFR-R832I RRLVHRDL	220	>EGFR-R832I RLLVHRDL	841	621
>EGFR-R832I RRLVHRDL	45	>EGFR-R832I RLLVHRDL	12435	12390
>EGFR-R832I RRLVHRDLA	102	>EGFR-R832I RLLVHRDLA	14474	14372
>EGFR-R832I RRLVHRDLAA	34	>EGFR-R832I RLLVHRDLAA	18213	18179
>EGFR-R832I RRLVHRDLAA	29	>EGFR-R832I RLLVHRDLAA	8080	8051
>EGFR-R832I RRLVHRDL	15	>EGFR-R832I RLLVHRDL	1337	1322
>EGFR-R832I RRLVHRDLA	91	>EGFR-R832I RLLVHRDLA	10116	10025
>EGFR-R832I RRLVHRDLAA	38	>EGFR-R832I RLLVHRDLAA	10800	10762
>EGFR-R832I RRLVHRDLAA	224	>EGFR-R832I RLLVHRDLAA	15951	15727
>EGFR-R832I RRLVHRDL	34	>EGFR-R832I RLLVHRDL	1927	1893
>EGFR-R832I RRLVHRDLA	57	>EGFR-R832I RLLVHRDLA	6824	6767
>EGFR-R832I RRLVHRDLAA	72	>EGFR-R832I RLLVHRDLAA	14192	14120
>EGFR-R832I RRLVHRDLAA	121	>EGFR-R832I RLLVHRDLAA	6966	6845
>EGFR-R832I RRLVHRDLAA	625	>EGFR-R832I RLLVHRDLAA	232	393
>EGFR-R832I LEDRRLVHRD	355	>EGFR-R832I LEDRLLVHRD	362	7
>EGFR-R832I LEDRRLVHRD	275	>EGFR-R832I LEDRLLVHRD	100	175
>EGFR-R832I YLEDRLV	188	>EGFR-R832I YLEDRLV	19	169
>EGFR-R832I YLEDRLV	44	>EGFR-R832I YLEDRLV	11	33
>EGFR-R832I YLEDRLV	32	>EGFR-R832I YLEDRLV	11	21
>EGFR-R832I YLEDRLV	198	>EGFR-R832I YLEDRLV	15	183
>EGFR-R832I YLEDRLV	17	>EGFR-R832I YLEDRLV	6	11
>EGFR-R832I YLEDRLV	47	>EGFR-R832I YLEDRLV	10	37
>EGFR-R832I YLEDRLV	62	>EGFR-R832I YLEDRLV	12	50
>EGFR-R832I YLEDRLV	670	>EGFR-R832I YLEDRLV	55	615
>EGFR-R832I YLEDRLV	2	>EGFR-R832I YLEDRLV	1	1

>EGFR-R832I YLEDRRLLVHR	418	>EGFR-R832I YLEDRLLVHR	271	147
>EGFR-R832I YLEDRRLLVHR	253	>EGFR-R832I YLEDRLLVHR	195	58
>EGFR-R832I YLEDRRLLVHR	229	>EGFR-R832I YLEDRLLVHR	421	192
>EGFR-R832I YLEDRRLLVHR	420	>EGFR-R832I YLEDRLLVHR	592	172
>EGFR-R832I YLEDRRLLVHR	93	>EGFR-R832I YLEDRLLVHR	218	125
>EGFR-R832I YLEDRRLLVHR	162	>EGFR-R832I YLEDRLLVHR	180	18
>EGFR-R832I NYLEDRRL	81	>EGFR-R832I NYLEDRL	46	35
>EGFR-R832I NYLEDRRLVH	159	>EGFR-R832I NYLEDRLLVH	178	19
>EGFR-R832I NYLEDRRLVH	17	>EGFR-R832I NYLEDRLLVH	17	0
>EGFR-R832I NYLEDRRLVH	26	>EGFR-R832I NYLEDRLLVH	17	9
>EGFR-R832I MNYLEDRRL	536	>EGFR-R832I MNYLEDRL	496	40
>EGFR-R832I MNYLEDRR	145	>EGFR-R832I MNYLEDRL	26429	26284
>EGFR-R832I MNYLEDRR	474	>EGFR-R832I MNYLEDRL	32496	32022
>EGFR-R832I GMNYLEDRR	1051	>EGFR-R832I GMNYLEDRL	125	926
>EGFR-R832I GMNYLEDRR	19752	>EGFR-R832I GMNYLEDRL	24	19728
>EGFR-R832I GMNYLEDRR	308	>EGFR-R832I GMNYLEDRL	124	184
>EGFR-R832I GMNYLEDRR	54	>EGFR-R832I GMNYLEDRL	24	30
>EGFR-R832I GMNYLEDRR	42	>EGFR-R832I GMNYLEDRL	32	10
>EGFR-R832I GMNYLEDRR	24312	>EGFR-R832I GMNYLEDRL	376	23936
>EGFR-R832I GMNYLEDRR	61	>EGFR-R832I GMNYLEDRL	37	24
>EGFR-R832I GMNYLEDRR	23458	>EGFR-R832I GMNYLEDRL	345	23113
>EGFR-R832I GMNYLEDRR	95	>EGFR-R832I GMNYLEDRL	41	54
>EGFR-R832I GMNYLEDRR	23194	>EGFR-R832I GMNYLEDRL	234	22960
>EGFR-R832I GMNYLEDRR	75	>EGFR-R832I GMNYLEDRL	19	56
>EGFR-R832I GMNYLEDRR	39	>EGFR-R832I GMNYLEDRL	17	22
>EGFR-R832I GMNYLEDRR	155	>EGFR-R832I GMNYLEDRL	16667	16512
>EGFR-R832I KGMNYLEDR	481	>EGFR-R832I KGMNYLEDR	23136	22655
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>EGFR-R836(CDLAARNVL\	377	>EGFR-R836(CDLAARNVL\	8251	7874
>EGFR-R836(CDLAARNVL	97	>EGFR-R836(CDLAARNVL	392	295
>EGFR-R836(CDLAARNV	187	>EGFR-R836(CDLAARNV	1190	1003
>EGFR-R836(CDLAARNV	210	>EGFR-R836(CDLAARNV	73	137
>EGFR-R836(CDLAARNVL	1619	>EGFR-R836(CDLAARNVL	440	1179
>EGFR-R836(CDLAARNVL\	96	>EGFR-R836(CDLAARNVL\	40	56
>EGFR-R836(CHRDLAARNV\	62	>EGFR-R836(CHCDLAARNV\	26353	26291
>EGFR-R836(CHRDLAARNV\	21	>EGFR-R836(CHCDLAARNV\	1056	1035
>EGFR-R836(CHRDLAARNV\	347	>EGFR-R836(CHCDLAARNV\	29497	29150
>EGFR-R836(CNYLEDRRLVH	159	>EGFR-R836(CNYLEDRRLVH	20237	20078
>EGFR-R836(CNYLEDRRLVH	17	>EGFR-R836(CNYLEDRRLVH	19540	19523
>EGFR-R836(CNYLEDRRLVH	26	>EGFR-R836(CNYLEDRRLVH	29336	29310
>EGFR-R836(CVHRDLAARN'	471	>EGFR-R836(CVHCDLAARN'	42	429
>EGFR-R836(CLVHRDLAA	1116	>EGFR-R836(CLVHCDLAA	422	694
>EGFR-R836(CLVHRDLAARN'	138	>EGFR-R836(CLVHCDLAARN'	61	77



>EGFR-R836(LVHRDLAA	1073	>EGFR-R836(LVHCDLAA	419	654
>EGFR-R836(LVHRDLAARN	787	>EGFR-R836(LVHCDLAARN	446	341
>EGFR-R836(LVHRDLAARN	542	>EGFR-R836(LVHCDLAARN	286	256
>EGFR-R836(LVHRDLAARN	72	>EGFR-R836(LVHCDLAARN	252	180
>EGFR-R836(LVHRDLAA	291	>EGFR-R836(LVHCDLAA	976	685
>EGFR-R836(LVHRDLAARN	474	>EGFR-R836(LVHCDLAARN	1050	576
>EGFR-R836(LVHRDLAAR	34	>EGFR-R836(LVHCDLAAR	72	38
>EGFR-R836(LVHRDLAAR	174	>EGFR-R836(LVHCDLAAR	105	69
>EGFR-R836(LVHRDLAARN	1174	>EGFR-R836(LVHCDLAARN	319	855
>EGFR-R836(RLVHRDLA	778	>EGFR-R836(RLVHCDLA	144	634
>EGFR-R836(RLVHRDLA	174	>EGFR-R836(RLVHCDLA	83	91
>EGFR-R836(RLVHRDLAA	166	>EGFR-R836(RLVHCDLAA	143	23
>EGFR-R836(RLVHRDLA	1150	>EGFR-R836(RLVHCDLA	334	816
>EGFR-R836(RLVHRDLAA	344	>EGFR-R836(RLVHCDLAA	143	201
>EGFR-R836(RLVHRDLAA	785	>EGFR-R836(RLVHCDLAA	272	513
>EGFR-R836(RLVHRDLA	452	>EGFR-R836(RLVHCDLA	454	2
>EGFR-R836(RLVHRDLAAF	26	>EGFR-R836(RLVHCDLAAF	21	5
>EGFR-R836(RLVHRDLAAF	1385	>EGFR-R836(RLVHCDLAAF	448	937
>EGFR-R836(RLVHRDLAAF	136	>EGFR-R836(RLVHCDLAAF	86	50
>EGFR-R836(RLVHRDLAAF	132	>EGFR-R836(RLVHCDLAAF	49	83
>EGFR-R836(RRLVHRDL	220	>EGFR-R836(RRLVHCDL	221	1
>EGFR-R836(RRLVHRDL	45	>EGFR-R836(RRLVHCDL	125	80
>EGFR-R836(RRLVHRDLA	102	>EGFR-R836(RRLVHCDLA	652	550
>EGFR-R836(RRLVHRDLAA	34	>EGFR-R836(RRLVHCDLAA	40	6
>EGFR-R836(RRLVHRDLAA	29	>EGFR-R836(RRLVHCDLAA	58	29
>EGFR-R836(RRLVHRDL	15	>EGFR-R836(RRLVHCDL	28	13
>EGFR-R836(RRLVHRDLA	91	>EGFR-R836(RRLVHCDLA	219	128
>EGFR-R836(RRLVHRDLAA	38	>EGFR-R836(RRLVHCDLAA	34	4
>EGFR-R836(RRLVHRDLAA	224	>EGFR-R836(RRLVHCDLAA	376	152
>EGFR-R836(RRLVHRDL	34	>EGFR-R836(RRLVHCDL	107	73
>EGFR-R836(RRLVHRDLA	57	>EGFR-R836(RRLVHCDLA	133	76
>EGFR-R836(RRLVHRDLAA	72	>EGFR-R836(RRLVHCDLAA	109	37
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>EGFR-R836(LEDRRLVHRC	355	>EGFR-R836(LEDRRLVHCD	227	128
>EGFR-R836(LEDRRLVHRC	275	>EGFR-R836(LEDRRLVHCD	198	77
>EGFR-R836(YLEDRRLVHR	12944	>EGFR-R836(YLEDRRLVHC	412	12532
>EGFR-R836(YLEDRRLVHR	17173	>EGFR-R836(YLEDRRLVHC	454	16719
>EGFR-R836(YLEDRRLVHR	418	>EGFR-R836(YLEDRRLVHC	6	412
>EGFR-R836(YLEDRRLVHR	253	>EGFR-R836(YLEDRRLVHC	895	642
>EGFR-R836(YLEDRRLVHR	229	>EGFR-R836(YLEDRRLVHC	29888	29659
>EGFR-R836(YLEDRRLVHR	420	>EGFR-R836(YLEDRRLVHC	30966	30546
>EGFR-R836(YLEDRRLVHR	93	>EGFR-R836(YLEDRRLVHC	29761	29668
>EGFR-R836(YLEDRRLVHR	162	>EGFR-R836(YLEDRRLVHC	35123	34961

>EGFR-R836S RDLAARNVL	377	>EGFR-R836S SDLAARNVLV	3568	3191
>EGFR-R836S RDLAARNVL	97	>EGFR-R836S SDLAARNVL	333	236
>EGFR-R836S RDLAARNV	187	>EGFR-R836S SDLAARNV	355	168
>EGFR-R836S RDLAARNV	210	>EGFR-R836S SDLAARNV	171	39
>EGFR-R836S RDLAARNVL	96	>EGFR-R836S SDLAARNVLV	79	17
>EGFR-R836S HRDLAARNVI	27449	>EGFR-R836S HSDLAARNVI	362	27087
>EGFR-R836S HRDLAARNVI	62	>EGFR-R836S HSDLAARNVI	19446	19384
>EGFR-R836S HRDLAARNVI	21	>EGFR-R836S HSDLAARNVI	273	252
>EGFR-R836S HRDLAARNVI	347	>EGFR-R836S HSDLAARNVI	22976	22629
>EGFR-R836S NYLED RRLVH	159	>EGFR-R836S NYLED RRLVH	16974	16815
>EGFR-R836S NYLED RRLVH	17	>EGFR-R836S NYLED RRLVH	10993	10976
>EGFR-R836S NYLED RRLVH	26	>EGFR-R836S NYLED RRLVH	17202	17176
>EGFR-R836S VHRDLAARN	471	>EGFR-R836S VHSDLAARN	28	443
>EGFR-R836S LVHRDLAA	1116	>EGFR-R836S LVHSDLAA	470	646
>EGFR-R836S LVHRDLAARN	138	>EGFR-R836S LVHSDLAARN	61	77
>EGFR-R836S LVHRDLAARN	542	>EGFR-R836S LVHSDLAARN	339	203
>EGFR-R836S LVHRDLAARN	72	>EGFR-R836S LVHSDLAARN	62	10
>EGFR-R836S LVHRDLAA	291	>EGFR-R836S LVHSDLAA	708	417
>EGFR-R836S LVHRDLAARN	474	>EGFR-R836S LVHSDLAARN	1163	689
>EGFR-R836S LVHRDLAAR	34	>EGFR-R836S LVHSDLAAR	28	6
>EGFR-R836S LVHRDLAAR	174	>EGFR-R836S LVHSDLAAR	94	80
>EGFR-R836S RLVHRDLA	778	>EGFR-R836S RLVHSDLA	196	582
>EGFR-R836S RLVHRDLA	174	>EGFR-R836S RLVHSDLA	64	110
>EGFR-R836S RLVHRDLAA	166	>EGFR-R836S RLVHSDLAA	124	42
>EGFR-R836S RLVHRDLA	1150	>EGFR-R836S RLVHSDLA	418	732
>EGFR-R836S RLVHRDLAA	344	>EGFR-R836S RLVHSDLAA	225	119
>EGFR-R836S RLVHRDLAA	785	>EGFR-R836S RLVHSDLAA	413	372
>EGFR-R836S RLVHRDLA	452	>EGFR-R836S RLVHSDLA	339	113
>EGFR-R836S RLVHRDLAAF	26	>EGFR-R836S RLVHSDLAAR	47	21
>EGFR-R836S RLVHRDLAA	814	>EGFR-R836S RLVHSDLAA	313	501
>EGFR-R836S RLVHRDLAAF	136	>EGFR-R836S RLVHSDLAAR	87	49
>EGFR-R836S RLVHRDLAAF	132	>EGFR-R836S RLVHSDLAAR	151	19
>EGFR-R836S RRLVHRDL	220	>EGFR-R836S RRLVHSDL	90	130
>EGFR-R836S RRLVHRDLAA	1006	>EGFR-R836S RRLVHSDLAA	463	543
>EGFR-R836S RRLVHRDL	45	>EGFR-R836S RRLVHSDL	61	16
>EGFR-R836S RRLVHRDLA	102	>EGFR-R836S RRLVHSDLA	141	39
>EGFR-R836S RRLVHRDLAA	34	>EGFR-R836S RRLVHSDLAA	35	1
>EGFR-R836S RRLVHRDLAA	29	>EGFR-R836S RRLVHSDLAA	31	2
>EGFR-R836S RRLVHRDL	15	>EGFR-R836S RRLVHSDL	22	7
>EGFR-R836S RRLVHRDLA	91	>EGFR-R836S RRLVHSDLA	235	144
>EGFR-R836S RRLVHRDLAA	38	>EGFR-R836S RRLVHSDLAA	34	4
>EGFR-R836S RRLVHRDLAA	224	>EGFR-R836S RRLVHSDLAA	400	176
>EGFR-R836S RRLVHRDL	34	>EGFR-R836S RRLVHSDL	51	17

>EGFR-R836S RRLVHRDLA	57	>EGFR-R836S RRLVHSDLA	184	127
>EGFR-R836S RRLVHRDLAA	72	>EGFR-R836S RRLVHSDLAA	100	28
>EGFR-R836S RRLVHRDLAA	121	>EGFR-R836S RRLVHSDLAA	258	137
>EGFR-R836S DRRLVHRDL	505	>EGFR-R836S DRRLVHSDL	363	142
>EGFR-R836S LEDRRLVHRC	355	>EGFR-R836S LEDRRLVHSD	414	59
>EGFR-R836S LEDRRLVHRC	275	>EGFR-R836S LEDRRLVHSD	182	93
>EGFR-R836S YLEDRRLVHR	418	>EGFR-R836S YLEDRRLVHS	52	366
>EGFR-R836S YLEDRRLVHR	253	>EGFR-R836S YLEDRRLVHS	223	30
>EGFR-R836S YLEDRRLVHR	229	>EGFR-R836S YLEDRRLVHS	28445	28216
>EGFR-R836S YLEDRRLVHR	420	>EGFR-R836S YLEDRRLVHS	28612	28192
>EGFR-R836S YLEDRRLVHR	93	>EGFR-R836S YLEDRRLVHS	14801	14708
>EGFR-R836S YLEDRRLVHR	162	>EGFR-R836S YLEDRRLVHS	29085	28923
>EGFR-R841F RRLVHRDLAA	9636	>EGFR-R841F RRLVHRDLAA	440	9196
>EGFR-R841F RRLVHRDLAA	29	>EGFR-R841F RRLVHRDLAA	24	5
>EGFR-R841F RRLVHRDLAA	224	>EGFR-R841F RRLVHRDLAA	202	22
>EGFR-R841F RRLVHRDLAA	121	>EGFR-R841F RRLVHRDLAA	33	88
>EGFR-R841F AARNVLVK	338	>EGFR-R841F AAKNVLVK	927	589
>EGFR-R841F AARNVLVK	576	>EGFR-R841F AAKNVLVK	195	381
>EGFR-R841F AARNVLVK	5	>EGFR-R841F AAKNVLVK	9	4
>EGFR-R841F AARNVLVKTF	404	>EGFR-R841F AAKNVLVKTF	1890	1486
>EGFR-R841F LAARNVLV	312	>EGFR-R841F LAAKNVLV	194	118
>EGFR-R841F LAARNVLV	497	>EGFR-R841F LAAKNVLV	474	23
>EGFR-R841F LAARNVLV	337	>EGFR-R841F LAAKNVLV	363	26
>EGFR-R841F LAARNVLV	54	>EGFR-R841F LAAKNVLV	104	50
>EGFR-R841F LAARNVLVK	458	>EGFR-R841F LAAKNVLVK	504	46
>EGFR-R841F LAARNVLVK	230	>EGFR-R841F LAAKNVLVK	333	103
>EGFR-R841F LAARNVLVK	398	>EGFR-R841F LAAKNVLVK	909	511
>EGFR-R841F LAARNVLVK	267	>EGFR-R841F LAAKNVLVK	212	55
>EGFR-R841F LAARNVLV	119	>EGFR-R841F LAAKNVLV	118	1
>EGFR-R841F DLAARNVLV	88	>EGFR-R841F DLAAKNVLV	80	8
>EGFR-R841F DLAARNVLV	340	>EGFR-R841F DLAAKNVLV	237	103
>EGFR-R841F DLAARNVLV	65	>EGFR-R841F DLAAKNVLV	58	7
>EGFR-R841F DLAARNVLV	158	>EGFR-R841F DLAAKNVLV	54	104
>EGFR-R841F DLAARNVL	326	>EGFR-R841F DLAAKNVL	424	98
>EGFR-R841F DLAARNVLV	17	>EGFR-R841F DLAAKNVLV	18	1
>EGFR-R841F DLAARNVLVf	382	>EGFR-R841F DLAAKNVLVf	489	107
>EGFR-R841F DLAARNVLV	64	>EGFR-R841F DLAAKNVLV	41	23
>EGFR-R841F DLAARNVLV	334	>EGFR-R841F DLAAKNVLV	349	15
>EGFR-R841F RDLAARNVL	377	>EGFR-R841F RDLAAKNVL	1022	645
>EGFR-R841F RDLAARNVL	97	>EGFR-R841F RDLAAKNVL	275	178
>EGFR-R841F RDLAARNV	187	>EGFR-R841F RDLAAKNV	777	590
>EGFR-R841F RDLAARNV	210	>EGFR-R841F RDLAAKNV	133	77
>EGFR-R841F RDLAARNVL	96	>EGFR-R841F RDLAAKNVL	69	27



>EGFR-S720F GSGAFGTVYk	224	>EGFR-S720F GFGAFGTVYk	560	336
>EGFR-S720F GSGAFGTVY	78	>EGFR-S720F GFGAFGTVY	466	388
>EGFR-S720F GSGAFGTVY	1561	>EGFR-S720F GFGAFGTVY	230	1331
>EGFR-S720F GSGAFGTVY	349	>EGFR-S720F GFGAFGTVY	6985	6636
>EGFR-S720F GSGAFGTVY	62	>EGFR-S720F GFGAFGTVY	26358	26296
>EGFR-S720F GSGAFGTVY	11	>EGFR-S720F GFGAFGTVY	286	275
>EGFR-S720F GSGAFGTVYk	1308	>EGFR-S720F GFGAFGTVYk	70	1238
>EGFR-S720F GSGAFGTVYk	337	>EGFR-S720F GFGAFGTVYk	3263	2926
>EGFR-S720F GSGAFGTVYk	3744	>EGFR-S720F GFGAFGTVYk	275	3469
>EGFR-S720F TEFKKIKVLGS	6906	>EGFR-S720F TEFKKIKVLGF	430	6476
>EGFR-S720F TEFKKIKVLGS	19850	>EGFR-S720F TEFKKIKVLGF	247	19603
>EGFR-S720F TEFKKIKVLGS	4713	>EGFR-S720F TEFKKIKVLGF	49	4664
>EGFR-S720F TEFKKIKVLGS	696	>EGFR-S720F TEFKKIKVLGF	120	576
>EGFR-S720F TEFKKIKVLGS	5993	>EGFR-S720F TEFKKIKVLGF	291	5702
>EGFR-S720F TEFKKIKVLGS	1963	>EGFR-S720F TEFKKIKVLGF	76	1887
>EGFR-S720F TEFKKIKVLGS	3741	>EGFR-S720F TEFKKIKVLGF	380	3361
>EGFR-S720F LGSGAFGTV	14183	>EGFR-S720F LGFGAFGTV	362	13821
>EGFR-S720F LGSGAFGTV	860	>EGFR-S720F LGFGAFGTV	137	723
>EGFR-S720F LGSGAFGTVY	1260	>EGFR-S720F LGFGAFGTVY	267	993
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>EGFR-S720F LGSGAFGTVY	125	>EGFR-S720F LGFGAFGTVY	56	69
>EGFR-S720F LGSGAFGTVY	1180	>EGFR-S720F LGFGAFGTVY	220	960
>EGFR-S720F LGSGAFGTVY	478	>EGFR-S720F LGFGAFGTVY	236	242
>EGFR-S720F LGSGAFGTVY	931	>EGFR-S720F LGFGAFGTVY	144	787
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>EGFR-S720F LGSGAFGTVY	1015	>EGFR-S720F LGFGAFGTVY	188	827
>EGFR-S720F LGSGAFGTVY	1516	>EGFR-S720F LGFGAFGTVY	208	1308
>EGFR-S720F LGSGAFGTVY	2359	>EGFR-S720F LGFGAFGTVY	418	1941
>EGFR-S720F LGSGAFGTVY	94	>EGFR-S720F LGFGAFGTVY	414	320
>EGFR-S720F LGSGAFGTVY	2410	>EGFR-S720F LGFGAFGTVY	355	2055
>EGFR-S720F VLGSAGFTV	73	>EGFR-S720F VLGFAGFTV	102	29
>EGFR-S720F VLGSAGFTV	41	>EGFR-S720F VLGFAGFTV	154	113
>EGFR-S720F VLGSAGFTV	21	>EGFR-S720F VLGFAGFTV	59	38
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>EGFR-S720F VLGSAGFT	75	>EGFR-S720F VLGFAGFT	118	43
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>EGFR-S720F VLGSAGFT	14	>EGFR-S720F VLGFAGFT	46	32
>EGFR-S720F VLGSAGFTV	2	>EGFR-S720F VLGFAGFTV	2	0
>EGFR-S720F VLGSAGFTV	64	>EGFR-S720F VLGFAGFTV	44	20

>EGFR-S720F VLGSGAFGTV	54	>EGFR-S720F VLGFGAFGTV	69	15
>EGFR-S720F VLGSGAFGTV	26	>EGFR-S720F VLGFGAFGTV	21	5
>EGFR-S720F VLGSGAFGTV	73	>EGFR-S720F VLGFGAFGTV	92	19
>EGFR-S720F VLGSGAFGTV	87	>EGFR-S720F VLGFGAFGTV	152	65
>EGFR-S720F VLGSGAFGTV	421	>EGFR-S720F VLGFGAFGTV	1104	683
>EGFR-S720F VLGSGAFGTV	227	>EGFR-S720F VLGFGAFGTV	393	166
>EGFR-S720F KVLGSGAFGT	294	>EGFR-S720F KVLGFGAFGT	124	170
>EGFR-S720F KVLGSGAFGT	668	>EGFR-S720F KVLGFGAFGT	303	365
>EGFR-S720F KVLGSGAFGT	123	>EGFR-S720F KVLGFGAFGT	114	9
>EGFR-S720F KVLGSGAF	553	>EGFR-S720F KVLGFGAF	162	391
>EGFR-S720F KVLGSGAFGT	602	>EGFR-S720F KVLGFGAFGT	228	374
>EGFR-S720F KVLGSGAFGT	9	>EGFR-S720F KVLGFGAFGT	8	1
>EGFR-S720F KVLGSGAFGT	12	>EGFR-S720F KVLGFGAFGT	7	5
>EGFR-S720F KVLGSGAFGT	78	>EGFR-S720F KVLGFGAFGT	71	7
>EGFR-S720F KVLGSGAFGT	28	>EGFR-S720F KVLGFGAFGT	25	3
>EGFR-S720F KVLGSGAFGT	176	>EGFR-S720F KVLGFGAFGT	140	36
>EGFR-S720F KVLGSGAFGT	15	>EGFR-S720F KVLGFGAFGT	14	1
>EGFR-S720F KVLGSGAF	1056	>EGFR-S720F KVLGFGAF	280	776
>EGFR-S720F KVLGSGAF	540	>EGFR-S720F KVLGFGAF	351	189
>EGFR-S720F KVLGSGAFG	103	>EGFR-S720F KVLGFGAFG	119	16
>EGFR-S720F KVLGSGAFGT	76	>EGFR-S720F KVLGFGAFGT	82	6
>EGFR-S720F KVLGSGAF	32	>EGFR-S720F KVLGFGAF	16	16
>EGFR-S720F KVLGSGAFGT	807	>EGFR-S720F KVLGFGAFGT	231	576
>EGFR-S720F KVLGSGAFGT	324	>EGFR-S720F KVLGFGAFGT	103	221
>EGFR-S720F KVLGSGAF	172	>EGFR-S720F KVLGFGAF	336	164
>EGFR-S720F KVLGSGAF	345	>EGFR-S720F KVLGFGAF	613	268
>EGFR-S720F KVLGSGAF	165	>EGFR-S720F KVLGFGAF	205	40
>EGFR-S720F KVLGSGAF	16	>EGFR-S720F KVLGFGAF	96	80
>EGFR-S720F KVLGSGAF	476	>EGFR-S720F KVLGFGAF	718	242
>EGFR-S720F KVLGSGAFGT	709	>EGFR-S720F KVLGFGAFGT	443	266
>EGFR-S720F IKVLGSGAF	9	>EGFR-S720F IKVLGFGAF	9	0
>EGFR-S720F KIKVLGSGA	405	>EGFR-S720F KIKVLGFGA	1323	918
>EGFR-S720F KIKVLGSG	289	>EGFR-S720F KIKVLGFG	85	204
>EGFR-S720F KIKVLGSGA	72	>EGFR-S720F KIKVLGFGA	47	25
>EGFR-S720F KIKVLGSGAF	50	>EGFR-S720F KIKVLGFGAF	44	6
>EGFR-S720F KIKVLGSGAF	63	>EGFR-S720F KIKVLGFGAF	79	16
>EGFR-S720F KIKVLGSGAF	245	>EGFR-S720F KIKVLGFGAF	287	42
>EGFR-S720F KKIKVLGS	3739	>EGFR-S720F KKIKVLGF	7	3732
>EGFR-S720F KKIKVLGSGAI	7	>EGFR-S720F KKIKVLGFGAI	8	1
>EGFR-S720F FKKIKVLGS	8418	>EGFR-S720F FKKIKVLGF	9	8409
>EGFR-S720F EFKKIKVLGS	23746	>EGFR-S720F EFKKIKVLGF	466	23280
>EGFR-S720F SGAFGTVYK	49	>EGFR-S720F PGAFGTVYK	4491	4442
>EGFR-S720F SGAFGTVY	87	>EGFR-S720F PGAFGTVY	638	551

>EGFR-S720F SGAFGTVYK	178	>EGFR-S720F PGAFGTVYK	3415	3237
>EGFR-S720F SGAFGTVY	188	>EGFR-S720F PGAFGTVY	5588	5400
>EGFR-S720F SGAFGTVY	460	>EGFR-S720F PGAFGTVY	4539	4079
>EGFR-S720F SGAFGTVYK	342	>EGFR-S720F PGAFGTVYK	5631	5289
>EGFR-S720F GSGAFGTVYK	46	>EGFR-S720F GPGAFGTVYK	1235	1189
>EGFR-S720F GSGAFGTVYK	29	>EGFR-S720F GPGAFGTVYK	3748	3719
>EGFR-S720F GSGAFGTVY	432	>EGFR-S720F GPGAFGTVY	6081	5649
>EGFR-S720F GSGAFGTVYK	224	>EGFR-S720F GPGAFGTVYK	3969	3745
>EGFR-S720F GSGAFGTVY	78	>EGFR-S720F GPGAFGTVY	4349	4271
>EGFR-S720F GSGAFGTVY	349	>EGFR-S720F GPGAFGTVY	4015	3666
>EGFR-S720F GSGAFGTVY	62	>EGFR-S720F GPGAFGTVY	22065	22003
>EGFR-S720F GSGAFGTVY	6064	>EGFR-S720F GPGAFGTVY	129	5935
>EGFR-S720F GSGAFGTVY	11	>EGFR-S720F GPGAFGTVY	211	200
>EGFR-S720F GSGAFGTVY	10189	>EGFR-S720F GPGAFGTVY	109	10080
>EGFR-S720F GSGAFGTVYK	337	>EGFR-S720F GPGAFGTVYK	5364	5027
>EGFR-S720F LGSGAFGTVY	125	>EGFR-S720F LGPGAFGTVY	250	125
>EGFR-S720F LGSGAFGTVY	478	>EGFR-S720F LGPGAFGTVY	1177	699
>EGFR-S720F LGSGAFGTVY	93	>EGFR-S720F LGPGAFGTVY	293	200
>EGFR-S720F LGSGAFGTV	8938	>EGFR-S720F LGPGAFGTV	65	8873
>EGFR-S720F LGSGAFGTVY	94	>EGFR-S720F LGPGAFGTVY	569	475
>EGFR-S720F VLGSAGFGTV	73	>EGFR-S720F VLPGAFGTV	66	7
>EGFR-S720F VLGSAGFGTV	41	>EGFR-S720F VLPGAFGTV	99	58
>EGFR-S720F VLGSAGFGTV	21	>EGFR-S720F VLPGAFGTV	31	10
>EGFR-S720F VLGSAGFGT	827	>EGFR-S720F VLPGAFGT	202	625
>EGFR-S720F VLGSAGFGT	68	>EGFR-S720F VLPGAFGT	59	9
>EGFR-S720F VLGSAGFGTV	3	>EGFR-S720F VLPGAFGTV	3	0
>EGFR-S720F VLGSAGFGT	505	>EGFR-S720F VLPGAFGT	331	174
>EGFR-S720F VLGSAGFGTV	7	>EGFR-S720F VLPGAFGTV	6	1
>EGFR-S720F VLGSAGFGT	103	>EGFR-S720F VLPGAFGT	65	38
>EGFR-S720F VLGSAGFGTV	7	>EGFR-S720F VLPGAFGTV	6	1
>EGFR-S720F VLGSAGFGT	75	>EGFR-S720F VLPGAFGT	68	7
>EGFR-S720F VLGSAGFGTV	5	>EGFR-S720F VLPGAFGTV	5	0
>EGFR-S720F VLGSAGFGT	14	>EGFR-S720F VLPGAFGT	7	7
>EGFR-S720F VLGSAGFGTV	2	>EGFR-S720F VLPGAFGTV	2	0
>EGFR-S720F VLGSAGFGTV	64	>EGFR-S720F VLPGAFGTV	51	13
>EGFR-S720F VLGSAGFGTV	54	>EGFR-S720F VLPGAFGTV	78	24
>EGFR-S720F VLGSAGFGTV	26	>EGFR-S720F VLPGAFGTV	30	4
>EGFR-S720F VLGSAGFGTV	73	>EGFR-S720F VLPGAFGTV	68	5
>EGFR-S720F VLGSAGFGTV	87	>EGFR-S720F VLPGAFGTV	108	21
>EGFR-S720F VLGSAGFGTV	421	>EGFR-S720F VLPGAFGTV	636	215
>EGFR-S720F VLGSAGFGTV	227	>EGFR-S720F VLPGAFGTV	442	215
>EGFR-S720F KVLGSAGFGT	294	>EGFR-S720F KVLPGAFGT	406	112
>EGFR-S720F KVLGSAGFGT	123	>EGFR-S720F KVLPGAFGT	295	172

>EGFR-S720F KVLGSGAFGT	9	>EGFR-S720F KVLGPGAFGT	12	3
>EGFR-S720F KVLGSGAFGT	12	>EGFR-S720F KVLGPGAFGT	8	4
>EGFR-S720F KVLGSGAFGT	78	>EGFR-S720F KVLGPGAFGT	114	36
>EGFR-S720F KVLGSGAFGT	28	>EGFR-S720F KVLGPGAFGT	37	9
>EGFR-S720F KVLGSGAFGT	176	>EGFR-S720F KVLGPGAFGT	215	39
>EGFR-S720F KVLGSGAFGT	15	>EGFR-S720F KVLGPGAFGT	20	5
>EGFR-S720F KVLGSGAF	540	>EGFR-S720F KVLGPGAF	261	279
>EGFR-S720F KVLGSGAFG	103	>EGFR-S720F KVLGPGAFG	413	310
>EGFR-S720F KVLGSGAFGT	76	>EGFR-S720F KVLGPGAFGT	175	99
>EGFR-S720F KVLGSGAF	32	>EGFR-S720F KVLGPGAF	25	7
>EGFR-S720F KVLGSGAFGT	324	>EGFR-S720F KVLGPGAFGT	122	202
>EGFR-S720F KVLGSGAF	172	>EGFR-S720F KVLGPGAF	811	639
>EGFR-S720F KVLGSGAF	345	>EGFR-S720F KVLGPGAF	434	89
>EGFR-S720F KVLGSGAF	165	>EGFR-S720F KVLGPGAF	327	162
>EGFR-S720F KVLGSGAF	16	>EGFR-S720F KVLGPGAF	48	32
>EGFR-S720F KVLGSGAF	476	>EGFR-S720F KVLGPGAF	952	476
>EGFR-S720F KVLGSGAFGT	709	>EGFR-S720F KVLGPGAFGT	439	270
>EGFR-S720F IKVLGSGAF	9	>EGFR-S720F IKVLGPGAF	11	2
>EGFR-S720F KIKVLGSGA	405	>EGFR-S720F KIKVLGPGA	2409	2004
>EGFR-S720F KIKVLGSG	289	>EGFR-S720F KIKVLGPG	107	182
>EGFR-S720F KIKVLGSGA	72	>EGFR-S720F KIKVLGPGA	17	55
>EGFR-S720F KIKVLGSGAF	50	>EGFR-S720F KIKVLGPGAF	42	8
>EGFR-S720F KIKVLGSGAF	63	>EGFR-S720F KIKVLGPGAF	164	101
>EGFR-S720F KIKVLGSGAF	245	>EGFR-S720F KIKVLGPGAF	352	107
>EGFR-S720F KIKVLGSGAF	513	>EGFR-S720F KIKVLGPGAF	364	149
>EGFR-S720F KKIKVLGSGA	7	>EGFR-S720F KKIKVLGPGA	7	0
>EGFR-S720T SGAFGTVYK	49	>EGFR-S720T TGAFGTVYK	78	29
>EGFR-S720T SGAFGTVY	87	>EGFR-S720T TGAFGTVY	171	84
>EGFR-S720T SGAFGTVYK	178	>EGFR-S720T TGAFGTVYK	57	121
>EGFR-S720T SGAFGTVY	188	>EGFR-S720T TGAFGTVY	418	230
>EGFR-S720T SGAFGTVY	460	>EGFR-S720T TGAFGTVY	654	194
>EGFR-S720T SGAFGTVY	520	>EGFR-S720T TGAFGTVY	290	230
>EGFR-S720T SGAFGTVYK	342	>EGFR-S720T TGAFGTVYK	773	431
>EGFR-S720T GSGAFGTV	3555	>EGFR-S720T GTGAFGTV	181	3374
>EGFR-S720T GSGAFGTVYK	46	>EGFR-S720T GTGAFGTVYK	32	14
>EGFR-S720T GSGAFGTVYK	29	>EGFR-S720T GTGAFGTVYK	18	11
>EGFR-S720T GSGAFGTVY	827	>EGFR-S720T GTGAFGTVY	191	636
>EGFR-S720T GSGAFGTVYK	711	>EGFR-S720T GTGAFGTVYK	351	360
>EGFR-S720T GSGAFGTVY	432	>EGFR-S720T GTGAFGTVY	424	8
>EGFR-S720T GSGAFGTVYK	224	>EGFR-S720T GTGAFGTVYK	88	136
>EGFR-S720T GSGAFGTVY	78	>EGFR-S720T GTGAFGTVY	91	13
>EGFR-S720T GSGAFGTVY	349	>EGFR-S720T GTGAFGTVY	1132	783
>EGFR-S720T GSGAFGTVY	62	>EGFR-S720T GTGAFGTVY	42	20



>EGFR-S720T GSGAFGTVY	11	>EGFR-S720T GTGAFGTVY	6	5
>EGFR-S720T GSGAFGTVYK	337	>EGFR-S720T GTGAFGTVYK	237	100
>EGFR-S720T TEFKKIKVLGS	696	>EGFR-S720T TEFKKIKVLGT	156	540
>EGFR-S720T LGSGAFGTVY	125	>EGFR-S720T LGTGAFGTVY	284	159
>EGFR-S720T LGSGAFGTVY	478	>EGFR-S720T LGTGAFGTVY	1478	1000
>EGFR-S720T LGSGAFGTVY	93	>EGFR-S720T LGTGAFGTVY	447	354
>EGFR-S720T LGSGAFGTVY	94	>EGFR-S720T LGTGAFGTVY	117	23
>EGFR-S720T VLGSAGFGTV	73	>EGFR-S720T VLGTGAFGTV	103	30
>EGFR-S720T VLGSAGFGTV	41	>EGFR-S720T VLGTGAFGTV	77	36
>EGFR-S720T VLGSAGFGTV	21	>EGFR-S720T VLGTGAFGTV	29	8
>EGFR-S720T VLGSAGFGT	68	>EGFR-S720T VLGTGAFGT	184	116
>EGFR-S720T VLGSAGFGTV	3	>EGFR-S720T VLGTGAFGTV	4	1
>EGFR-S720T VLGSAGFGTV	7	>EGFR-S720T VLGTGAFGTV	7	0
>EGFR-S720T VLGSAGFGT	103	>EGFR-S720T VLGTGAFGT	223	120
>EGFR-S720T VLGSAGFGTV	7	>EGFR-S720T VLGTGAFGTV	9	2
>EGFR-S720T VLGSAGFGT	75	>EGFR-S720T VLGTGAFGT	166	91
>EGFR-S720T VLGSAGFGTV	5	>EGFR-S720T VLGTGAFGTV	6	1
>EGFR-S720T VLGSAGFGT	14	>EGFR-S720T VLGTGAFGT	24	10
>EGFR-S720T VLGSAGFGTV	2	>EGFR-S720T VLGTGAFGTV	2	0
>EGFR-S720T VLGSAGFGTV	64	>EGFR-S720T VLGTGAFGTV	91	27
>EGFR-S720T VLGSAGFGTV	54	>EGFR-S720T VLGTGAFGTV	90	36
>EGFR-S720T VLGSAGFGTV	26	>EGFR-S720T VLGTGAFGTV	32	6
>EGFR-S720T VLGSAGFGTV	73	>EGFR-S720T VLGTGAFGTV	121	48
>EGFR-S720T VLGSAGFGTV	87	>EGFR-S720T VLGTGAFGTV	132	45
>EGFR-S720T VLGSAGFGTV	421	>EGFR-S720T VLGTGAFGTV	652	231
>EGFR-S720T VLGSAGFGTV	227	>EGFR-S720T VLGTGAFGTV	564	337
>EGFR-S720T KVLGSGAFGT	294	>EGFR-S720T KVLGTGAFGT	301	7
>EGFR-S720T KVLGSGAFGT	123	>EGFR-S720T KVLGTGAFGT	154	31
>EGFR-S720T KVLGSGAFGT	602	>EGFR-S720T KVLGTGAFGT	339	263
>EGFR-S720T KVLGSGAFGT	9	>EGFR-S720T KVLGTGAFGT	10	1
>EGFR-S720T KVLGSGAFGT	12	>EGFR-S720T KVLGTGAFGT	9	3
>EGFR-S720T KVLGSGAFGT	78	>EGFR-S720T KVLGTGAFGT	55	23
>EGFR-S720T KVLGSGAFGT	28	>EGFR-S720T KVLGTGAFGT	22	6
>EGFR-S720T KVLGSGAFGT	176	>EGFR-S720T KVLGTGAFGT	127	49
>EGFR-S720T KVLGSGAFGT	15	>EGFR-S720T KVLGTGAFGT	16	1
>EGFR-S720T KVLGSGAF	540	>EGFR-S720T KVLGTGAF	366	174
>EGFR-S720T KVLGSGAFG	103	>EGFR-S720T KVLGTGAFG	77	26
>EGFR-S720T KVLGSGAFGT	76	>EGFR-S720T KVLGTGAFGT	63	13
>EGFR-S720T KVLGSGAF	32	>EGFR-S720T KVLGTGAF	16	16
>EGFR-S720T KVLGSGAFGT	807	>EGFR-S720T KVLGTGAFGT	472	335
>EGFR-S720T KVLGSGAFGT	324	>EGFR-S720T KVLGTGAFGT	234	90
>EGFR-S720T KVLGSGAF	172	>EGFR-S720T KVLGTGAF	277	105
>EGFR-S720T KVLGSGAF	345	>EGFR-S720T KVLGTGAF	516	171

>EGFR-S720TKVLGSGAF	165	>EGFR-S720TKVLGTGAF	248	83
>EGFR-S720TKVLGSGAF	16	>EGFR-S720TKVLGTGAF	35	19
>EGFR-S720TKVLGSGAF	476	>EGFR-S720TKVLGTGAF	326	150
>EGFR-S720TIKVLGSGAF	9	>EGFR-S720TIKVLGTGAF	12	3
>EGFR-S720TIKVLGSGA	405	>EGFR-S720TIKVLGTGA	441	36
>EGFR-S720TIKVLGSG	289	>EGFR-S720TIKVLGTG	495	206
>EGFR-S720TIKVLGSGA	72	>EGFR-S720TIKVLGTGA	247	175
>EGFR-S720TIKVLGSGAF	50	>EGFR-S720TIKVLGTGAF	66	16
>EGFR-S720TIKVLGSGAF	1315	>EGFR-S720TIKVLGTGAF	493	822
>EGFR-S720TIKVLGSGAF	63	>EGFR-S720TIKVLGTGAF	80	17
>EGFR-S720TIKVLGSGAF	245	>EGFR-S720TIKVLGTGAF	297	52
>EGFR-S720TKKIKVLGSGAI	7	>EGFR-S720TKKIKVLGTGA	8	1
>EGFR-S752FSPKANKEI	133	>EGFR-S752FPPKANKEI	606	473
>EGFR-S752FSPKANKEIL	187	>EGFR-S752FPPKANKEIL	823	636
>EGFR-S752FSPKANKEIL	193	>EGFR-S752FPPKANKEIL	3878	3685
>EGFR-S752FTSPKANKEI	7995	>EGFR-S752FTPPKANKEI	10	7985
>EGFR-S752FTSPKANKEIL	12385	>EGFR-S752FTPPKANKEIL	17	12368
>EGFR-S752FTSPKANKEIL	16909	>EGFR-S752FTPPKANKEIL	82	16827
>EGFR-S752FTSPKANKEI	54	>EGFR-S752FTPPKANKEI	5549	5495
>EGFR-S752FTSPKANKEIL	9	>EGFR-S752FTPPKANKEIL	838	829
>EGFR-S752FTSPKANKEI	159	>EGFR-S752FTPPKANKEI	5193	5034
>EGFR-S752FATSPKANK	145	>EGFR-S752FATPPKANK	1037	892
>EGFR-S752FATSPKANK	29	>EGFR-S752FATPPKANK	187	158
>EGFR-S752FATSPKANK	36	>EGFR-S752FATPPKANK	398	362
>EGFR-S752FATSPKANK	389	>EGFR-S752FATPPKANK	1828	1439
>EGFR-S752FATSPKANK	445	>EGFR-S752FATPPKANK	2165	1720
>EGFR-S752FATSPKANKEI	35	>EGFR-S752FATPPKANKEI	705	670
>EGFR-S752FATSPKANKEII	55	>EGFR-S752FATPPKANKEII	930	875
>EGFR-S752FATSPKANKEI	2858	>EGFR-S752FATPPKANKEI	18	2840
>EGFR-S752FATSPKANKEII	468	>EGFR-S752FATPPKANKEII	4	464
>EGFR-S752FATSPKANKEI	347	>EGFR-S752FATPPKANKEI	1904	1557
>EGFR-S752FATSPKANKEII	295	>EGFR-S752FATPPKANKEII	4950	4655
>EGFR-S752FATSPKANK	121	>EGFR-S752FATPPKANK	802	681
>EGFR-S752FEATSPKANK	18	>EGFR-S752FEATPPKANK	47	29
>EGFR-S752FEATSPKANKE	158	>EGFR-S752FEATPPKANKE	99	59
>EGFR-S752FREATSPKA	39	>EGFR-S752FREATPPKA	64	25
>EGFR-S752FELREATSPKA	122	>EGFR-S752FELREATPPKA	114	8
>EGFR-S752FELREATSPK	226	>EGFR-S752FELREATPPK	399	173
>EGFR-S752FELREATSPK	86	>EGFR-S752FELREATPPK	22	64
>EGFR-S752FELREATSPK	139	>EGFR-S752FELREATPPK	340	201
>EGFR-S752FKELREATSPK	1031	>EGFR-S752FKELREATPPK	370	661
>EGFR-S752FKELREATSPK/	449	>EGFR-S752FKELREATPPK/	509	60
>EGFR-S752FKELREATSPK/	71	>EGFR-S752FKELREATPPK/	81	10

>EGFR-S752F KELREATSPK/	319	>EGFR-S752F KELREATPPK/	343	24
>EGFR-S752Y SPKANKEI	133	>EGFR-S752Y YPKANKEI	152	19
>EGFR-S752Y SPKANKEIL	187	>EGFR-S752Y YPKANKEIL	209	22
>EGFR-S752Y SPKANKEI	741	>EGFR-S752Y YPKANKEI	286	455
>EGFR-S752Y SPKANKEIL	193	>EGFR-S752Y YPKANKEIL	87	106
>EGFR-S752Y SPKANKEI	1303	>EGFR-S752Y YPKANKEI	493	810
>EGFR-S752Y SPKANKEIL	515	>EGFR-S752Y YPKANKEIL	199	316
>EGFR-S752Y TSPKANKEI	16878	>EGFR-S752Y TYPKANKEI	252	16626
>EGFR-S752Y TSPKANKEIL	23488	>EGFR-S752Y TYPKANKEIL	269	23219
>EGFR-S752Y TSPKANKEI	9729	>EGFR-S752Y TYPKANKEI	200	9529
>EGFR-S752Y TSPKANKEIL	12854	>EGFR-S752Y TYPKANKEIL	66	12788
>EGFR-S752Y TSPKANKEI	11898	>EGFR-S752Y TYPKANKEI	7	11891
>EGFR-S752Y TSPKANKEIL	15598	>EGFR-S752Y TYPKANKEIL	11	15587
>EGFR-S752Y TSPKANKEI	54	>EGFR-S752Y TYPKANKEI	9303	9249
>EGFR-S752Y TSPKANKEIL	9	>EGFR-S752Y TYPKANKEIL	2012	2003
>EGFR-S752Y TSPKANKEI	159	>EGFR-S752Y TYPKANKEI	9484	9325
>EGFR-S752Y VAIKELREATS	26380	>EGFR-S752Y VAIKELREATY	220	26160
>EGFR-S752Y VAIKELREATS	24921	>EGFR-S752Y VAIKELREATY	183	24738
>EGFR-S752Y VAIKELREATS	11918	>EGFR-S752Y VAIKELREATY	13	11905
>EGFR-S752Y VAIKELREATS	13455	>EGFR-S752Y VAIKELREATY	118	13337
>EGFR-S752Y VAIKELREATS	29517	>EGFR-S752Y VAIKELREATY	389	29128
>EGFR-S752Y ATSPKANKEII	10776	>EGFR-S752Y ATYPKANKEII	396	10380
>EGFR-S752Y ATSPKANK	145	>EGFR-S752Y ATYPKANK	38	107
>EGFR-S752Y ATSPKANK	29	>EGFR-S752Y ATYPKANK	15	14
>EGFR-S752Y ATSPKANK	36	>EGFR-S752Y ATYPKANK	19	17
>EGFR-S752Y ATSPKANK	389	>EGFR-S752Y ATYPKANK	83	306
>EGFR-S752Y ATSPKANKEI	1387	>EGFR-S752Y ATYPKANKEI	169	1218
>EGFR-S752Y ATSPKANKEII	3770	>EGFR-S752Y ATYPKANKEII	452	3318
>EGFR-S752Y ATSPKANK	445	>EGFR-S752Y ATYPKANK	103	342
>EGFR-S752Y ATSPKANKEI	35	>EGFR-S752Y ATYPKANKEI	11	24
>EGFR-S752Y ATSPKANKEII	55	>EGFR-S752Y ATYPKANKEII	16	39
>EGFR-S752Y ATSPKANKEII	468	>EGFR-S752Y ATYPKANKEII	447	21
>EGFR-S752Y ATSPKANKEI	347	>EGFR-S752Y ATYPKANKEI	594	247
>EGFR-S752Y ATSPKANKEII	295	>EGFR-S752Y ATYPKANKEII	147	148
>EGFR-S752Y ATSPKANK	121	>EGFR-S752Y ATYPKANK	100	21
>EGFR-S752Y ATSPKANKEII	716	>EGFR-S752Y ATYPKANKEII	114	602
>EGFR-S752Y EATSPKANK	18	>EGFR-S752Y EATYPKANK	13	5
>EGFR-S752Y EATSPKANKE	158	>EGFR-S752Y EATYPKANKE	76	82
>EGFR-S752Y REATSPKA	39	>EGFR-S752Y REATYPKA	19	20
>EGFR-S752Y ELREATSPKA	122	>EGFR-S752Y ELREATYPKA	111	11
>EGFR-S752Y ELREATSPK	226	>EGFR-S752Y ELREATYPK	641	415
>EGFR-S752Y ELREATSPK	86	>EGFR-S752Y ELREATYPK	99	13
>EGFR-S752Y ELREATSPK	517	>EGFR-S752Y ELREATYPK	156	361

>EGFR-S752YELREATSPK	139	>EGFR-S752YELREATYPK	126	13
>EGFR-S752YKELREATS	16645	>EGFR-S752YKELREATY	138	16507
>EGFR-S752YKELREATS	17893	>EGFR-S752YKELREATY	447	17446
>EGFR-S752YKELREATSPK/	449	>EGFR-S752YKELREATYPK/	430	19
>EGFR-S752YKELREATS	6512	>EGFR-S752YKELREATY	232	6280
>EGFR-S752YKELREATSPK/	71	>EGFR-S752YKELREATYPK/	43	28
>EGFR-S752YKELREATSPK/	319	>EGFR-S752YKELREATYPK/	385	66
>EGFR-S752YKELREATSPK	1380	>EGFR-S752YKELREATYPK	129	1251
>EGFR-S752YAIKELREATS	15967	>EGFR-S752YAIKELREATY	147	15820
>EGFR-S752YAIKELREATS	31123	>EGFR-S752YAIKELREATY	324	30799
>EGFR-S768CSVDNPHVCRI	75	>EGFR-S768CVDNPHVCRI	925	850
>EGFR-S768CSVDNPHVCRI	449	>EGFR-S768CVDNPHVCRI	8732	8283
>EGFR-S768CSVDNPHVCRI	204	>EGFR-S768CVDNPHVCRI	2330	2126
>EGFR-S768CSVDNPHVCR	184	>EGFR-S768CVDNPHVCR	767	583
>EGFR-S768CSVDNPHVCR	237	>EGFR-S768CVDNPHVCR	665	428
>EGFR-S768CSVDNPHVCR	118	>EGFR-S768CVDNPHVCR	186	68
>EGFR-S768CASVDNPHV	291	>EGFR-S768ACVDNPHV	2166	1875
>EGFR-S768CASVDNPHV	918	>EGFR-S768ACVDNPHV	469	449
>EGFR-S768CASVDNPHV	767	>EGFR-S768ACVDNPHV	95	672
>EGFR-S768CASVDNPHVCI	300	>EGFR-S768ACVDNPHVC	13894	13594
>EGFR-S768CASVDNPHVCI	389	>EGFR-S768ACVDNPHVC	1908	1519
>EGFR-S768CASVDNPHVCI	113	>EGFR-S768ACVDNPHVC	625	512
>EGFR-S768CASVDNPHVCI	423	>EGFR-S768ACVDNPHVC	16666	16243
>EGFR-S768CASVDNPHV	496	>EGFR-S768ACVDNPHV	19186	18690
>EGFR-S768CASVDNPHVCI	6	>EGFR-S768ACVDNPHVC	3217	3211
>EGFR-S768CASVDNPHVCI	154	>EGFR-S768ACVDNPHVC	2422	2268
>EGFR-S768CMASVDNPHV	162	>EGFR-S768CMACVDNPHV	207	45
>EGFR-S768CMASVDNPHV	162	>EGFR-S768CMACVDNPHV	328	166
>EGFR-S768CMASVDNPHV	74	>EGFR-S768CMACVDNPHV	40	34
>EGFR-S768CMASVDNPHV	268	>EGFR-S768CMACVDNPHV	121	147
>EGFR-S768CMASVDNPHV	9	>EGFR-S768CMACVDNPHV	14	5
>EGFR-S768CMASVDNPHV	258	>EGFR-S768CMACVDNPHV	1467	1209
>EGFR-S768CMASVDNPHV	161	>EGFR-S768CMACVDNPHV	726	565
>EGFR-S768CMASVDNPH	55	>EGFR-S768CMACVDNPH	141	86
>EGFR-S768CVMASVDNPH	148	>EGFR-S768CVMACVDNPH	151	3
>EGFR-S768CVMASVDNPH	84	>EGFR-S768CVMACVDNPH	218	134
>EGFR-S768CVMASVDNPH	209	>EGFR-S768CVMACVDNPH	513	304
>EGFR-S768CVMASVDNPH	303	>EGFR-S768CVMACVDNPH	267	36
>EGFR-S768CVMASVDNPH	3	>EGFR-S768CVMACVDNPH	3	0
>EGFR-S768CVMASVDNPH	37	>EGFR-S768CVMACVDNPH	36	1
>EGFR-S768CVMASVDNPH	7	>EGFR-S768CVMACVDNPH	4	3
>EGFR-S768CVMASVDNPH	258	>EGFR-S768CVMACVDNPH	89	169
>EGFR-S768CVMASVDNPH	5	>EGFR-S768CVMACVDNPH	6	1

>EGFR-S768CVMASVDNPF	6	>EGFR-S768CVMACVDNPF	10	4
>EGFR-S768CVMASVDNPF	233	>EGFR-S768CVMACVDNPF	416	183
>EGFR-S768CVMASVDNPF	3	>EGFR-S768CVMACVDNPF	5	2
>EGFR-S768CVMASVDNPF	75	>EGFR-S768CVMACVDNPF	320	245
>EGFR-S768CVMASVDNPF	655	>EGFR-S768CVMACVDNPF	422	233
>EGFR-S768CYVMASVDNP	10	>EGFR-S768CYVMACVDNF	8	2
>EGFR-S768CYVMASVDNP	767	>EGFR-S768CYVMACVDNF	337	430
>EGFR-S768CYVMASVDNP	13	>EGFR-S768CYVMACVDNF	9	4
>EGFR-S768CYVMASVDNP	8	>EGFR-S768CYVMACVDNF	8	0
>EGFR-S768CYVMASVDNP	4	>EGFR-S768CYVMACVDNF	4	0
>EGFR-S768CYVMASVDNP	8	>EGFR-S768CYVMACVDNF	11	3
>EGFR-S768CYVMASVDNP	7	>EGFR-S768CYVMACVDNF	7	0
>EGFR-S768CYVMASVDNP	10	>EGFR-S768CYVMACVDNF	12	2
>EGFR-S768CYVMASVDNP	4	>EGFR-S768CYVMACVDNF	3	1
>EGFR-S768CYVMASVDNP	3	>EGFR-S768CYVMACVDNF	3	0
>EGFR-S768CYVMASVDNP	397	>EGFR-S768CYVMACVDNF	635	238
>EGFR-S768CYVMASVDNP	457	>EGFR-S768CYVMACVDNF	688	231
>EGFR-S768CYVMASVDNP	662	>EGFR-S768CYVMACVDNF	323	339
>EGFR-S768CYVMASVDNP	17	>EGFR-S768CYVMACVDNF	16	1
>EGFR-S768CYVMASVDNP	7	>EGFR-S768CYVMACVDNF	11	4
>EGFR-S768CYVMASVDNP	424	>EGFR-S768CYVMACVDNF	700	276
>EGFR-S768CEAYVMASV	18	>EGFR-S768CEAYVMACV	32	14
>EGFR-S768CEAYVMASV	8	>EGFR-S768CEAYVMACV	20	12
>EGFR-S768CDEAYVMAS	1479	>EGFR-S768CDEAYVMAC	436	1043
>EGFR-S768CDEAYVMASV	25	>EGFR-S768CDEAYVMACV	14	11
>EGFR-S768CDEAYVMASV	64	>EGFR-S768CDEAYVMACV	183	119
>EGFR-S768CDEAYVMAS	98	>EGFR-S768CDEAYVMAC	170	72
>EGFR-S768CDEAYVMASV	43	>EGFR-S768CDEAYVMACV	136	93
>EGFR-S768CDEAYVMASV	985	>EGFR-S768CDEAYVMACV	365	620
>EGFR-S768CDEAYVMASV	423	>EGFR-S768CDEAYVMACV	534	111
>EGFR-S768CILDEAYVMAS'	144	>EGFR-S768CILDEAYVMAC'	209	65
>EGFR-S768CILDEAYVMAS	11	>EGFR-S768CILDEAYVMAC	12	1
>EGFR-S768CILDEAYVMAS	5	>EGFR-S768CILDEAYVMAC	8	3
>EGFR-S768CILDEAYVMAS	10	>EGFR-S768CILDEAYVMAC	40	30
>EGFR-S768CILDEAYVMAS	8	>EGFR-S768CILDEAYVMAC	16	8
>EGFR-S768CILDEAYVMAS	56	>EGFR-S768CILDEAYVMAC	7	49
>EGFR-S768CILDEAYVMAS	2	>EGFR-S768CILDEAYVMAC	2	0
>EGFR-S768CILDEAYVMAS	1523	>EGFR-S768CILDEAYVMAC	67	1456
>EGFR-S768CILDEAYVMAS	3	>EGFR-S768CILDEAYVMAC	4	1
>EGFR-S768CILDEAYVMAS	1869	>EGFR-S768CILDEAYVMAC	293	1576
>EGFR-S768CILDEAYVMAS	5	>EGFR-S768CILDEAYVMAC	5	0
>EGFR-S768CILDEAYVMAS	6720	>EGFR-S768CILDEAYVMAC	113	6607
>EGFR-S768CILDEAYVMAS	3	>EGFR-S768CILDEAYVMAC	3	0

>EGFR-S768C ILDEAYVMAS	726	>EGFR-S768C ILDEAYVMAC	21	705
>EGFR-S768C ILDEAYVMAS	2	>EGFR-S768C ILDEAYVMAC	3	1
>EGFR-S768C ILDEAYVMAS	82	>EGFR-S768C ILDEAYVMAC	509	427
>EGFR-S768I SVDNPHVCRI	75	>EGFR-S768I IVDNPHVCRL	93	18
>EGFR-S768I SVDNPHVCRI	449	>EGFR-S768I IVDNPHVCRL	2209	1760
>EGFR-S768I SVDNPHVCRI	204	>EGFR-S768I IVDNPHVCRL	257	53
>EGFR-S768I SVDNPHVCR	184	>EGFR-S768I IVDNPHVCR	599	415
>EGFR-S768I SVDNPHVCR	237	>EGFR-S768I IVDNPHVCR	252	15
>EGFR-S768I SVDNPHVCR	118	>EGFR-S768I IVDNPHVCR	151	33
>EGFR-S768I ASVDNPHV	4666	>EGFR-S768I AIVDNPHV	188	4478
>EGFR-S768I ASVDNPHV	3640	>EGFR-S768I AIVDNPHV	243	3397
>EGFR-S768I ASVDNPHVCI	2505	>EGFR-S768I AIVDNPHVCF	135	2370
>EGFR-S768I ASVDNPHV	4774	>EGFR-S768I AIVDNPHV	41	4733
>EGFR-S768I ASVDNPHVCI	7036	>EGFR-S768I AIVDNPHVCF	119	6917
>EGFR-S768I ASVDNPHV	291	>EGFR-S768I AIVDNPHV	25	266
>EGFR-S768I ASVDNPHVCI	3224	>EGFR-S768I AIVDNPHVCF	368	2856
>EGFR-S768I ASVDNPHV	918	>EGFR-S768I AIVDNPHV	12	906
>EGFR-S768I ASVDNPHVC	9814	>EGFR-S768I AIVDNPHVC	287	9527
>EGFR-S768I ASVDNPHVCI	2458	>EGFR-S768I AIVDNPHVCF	23	2435
>EGFR-S768I ASVDNPHV	5288	>EGFR-S768I AIVDNPHV	43	5245
>EGFR-S768I ASVDNPHVCI	14895	>EGFR-S768I AIVDNPHVCF	335	14560
>EGFR-S768I ASVDNPHV	3086	>EGFR-S768I AIVDNPHV	18	3068
>EGFR-S768I ASVDNPHV	15614	>EGFR-S768I AIVDNPHV	217	15397
>EGFR-S768I ASVDNPHV	767	>EGFR-S768I AIVDNPHV	3	764
>EGFR-S768I ASVDNPHVC	22072	>EGFR-S768I AIVDNPHVC	123	21949
>EGFR-S768I ASVDNPHVCI	4029	>EGFR-S768I AIVDNPHVCF	5	4024
>EGFR-S768I ASVDNPHVCI	300	>EGFR-S768I AIVDNPHVCF	495	195
>EGFR-S768I ASVDNPHVCI	389	>EGFR-S768I AIVDNPHVCF	372	17
>EGFR-S768I ASVDNPHVCI	113	>EGFR-S768I AIVDNPHVCF	119	6
>EGFR-S768I ASVDNPHVCI	979	>EGFR-S768I AIVDNPHVCF	343	636
>EGFR-S768I ASVDNPHVCI	423	>EGFR-S768I AIVDNPHVCF	379	44
>EGFR-S768I ASVDNPHV	1074	>EGFR-S768I AIVDNPHV	241	833
>EGFR-S768I ASVDNPHV	496	>EGFR-S768I AIVDNPHV	16944	16448
>EGFR-S768I ASVDNPHVCI	6	>EGFR-S768I AIVDNPHVCF	571	565
>EGFR-S768I ASVDNPHVCI	154	>EGFR-S768I AIVDNPHVCF	1847	1693
>EGFR-S768I ASVDNPHVCI	3035	>EGFR-S768I AIVDNPHVCF	487	2548
>EGFR-S768I EILDEAYVMA	8265	>EGFR-S768I EILDEAYVMA	309	7956
>EGFR-S768I EILDEAYVMA	8069	>EGFR-S768I EILDEAYVMA	125	7944
>EGFR-S768I EILDEAYVMA	12698	>EGFR-S768I EILDEAYVMA	101	12597
>EGFR-S768I EILDEAYVMA	20744	>EGFR-S768I EILDEAYVMA	452	20292
>EGFR-S768I EILDEAYVMA	4627	>EGFR-S768I EILDEAYVMA	114	4513
>EGFR-S768I EILDEAYVMA	940	>EGFR-S768I EILDEAYVMA	7	933
>EGFR-S768I MASVDNPHV	162	>EGFR-S768I MAIVDNPHV	33	129

>EGFR-S768I·MASVDNPHV	162	>EGFR-S768I·MAIVDNPHV	167	5
>EGFR-S768I·MASVDNPHV	74	>EGFR-S768I·MAIVDNPHV	46	28
>EGFR-S768I·MASVDNPHV	268	>EGFR-S768I·MAIVDNPHV	167	101
>EGFR-S768I·MASVDNPHV	9	>EGFR-S768I·MAIVDNPHV	7	2
>EGFR-S768I·MASVDNPHV	258	>EGFR-S768I·MAIVDNPHV	122	136
>EGFR-S768I·MASVDNPHV	161	>EGFR-S768I·MAIVDNPHV	45	116
>EGFR-S768I·MASVDNPH	55	>EGFR-S768I·MAIVDNPH	62	7
>EGFR-S768I·VMASVDNPH	148	>EGFR-S768I·VMAIVDNPH	146	2
>EGFR-S768I·VMASVDNPH	84	>EGFR-S768I·VMAIVDNPH	236	152
>EGFR-S768I·VMASVDNPH	209	>EGFR-S768I·VMAIVDNPH	382	173
>EGFR-S768I·VMASVDNPH	303	>EGFR-S768I·VMAIVDNPH	208	95
>EGFR-S768I·VMASVDNPH	3	>EGFR-S768I·VMAIVDNPH	5	2
>EGFR-S768I·VMASVDNPH	37	>EGFR-S768I·VMAIVDNPH	55	18
>EGFR-S768I·VMASVDNPH	7	>EGFR-S768I·VMAIVDNPH	14	7
>EGFR-S768I·VMASVDNPH	258	>EGFR-S768I·VMAIVDNPH	726	468
>EGFR-S768I·VMASVDNPH	5	>EGFR-S768I·VMAIVDNPH	5	0
>EGFR-S768I·VMASVDNPH	6	>EGFR-S768I·VMAIVDNPH	16	10
>EGFR-S768I·VMASVDNPH	233	>EGFR-S768I·VMAIVDNPH	852	619
>EGFR-S768I·VMASVDNPH	3	>EGFR-S768I·VMAIVDNPH	4	1
>EGFR-S768I·VMASVDNPH	75	>EGFR-S768I·VMAIVDNPH	130	55
>EGFR-S768I·YVMASVDNP	10	>EGFR-S768I·YVMAIVDNPI	9	1
>EGFR-S768I·YVMASVDNP	767	>EGFR-S768I·YVMAIVDNPI	106	661
>EGFR-S768I·YVMASVDNP	13	>EGFR-S768I·YVMAIVDNPI	8	5
>EGFR-S768I·YVMASVDNP	8	>EGFR-S768I·YVMAIVDNPI	8	0
>EGFR-S768I·YVMASVDNP	4	>EGFR-S768I·YVMAIVDNPI	4	0
>EGFR-S768I·YVMASVDNP	8	>EGFR-S768I·YVMAIVDNPI	7	1
>EGFR-S768I·YVMASVDNP	7	>EGFR-S768I·YVMAIVDNPI	7	0
>EGFR-S768I·YVMASVDNP	10	>EGFR-S768I·YVMAIVDNPI	10	0
>EGFR-S768I·YVMASVDNP	4	>EGFR-S768I·YVMAIVDNPI	3	1
>EGFR-S768I·YVMASVDNP	3	>EGFR-S768I·YVMAIVDNPI	3	0
>EGFR-S768I·YVMASVDNP	397	>EGFR-S768I·YVMAIVDNPI	788	391
>EGFR-S768I·YVMASVDNP	457	>EGFR-S768I·YVMAIVDNPI	603	146
>EGFR-S768I·YVMASVDNP	662	>EGFR-S768I·YVMAIVDNPI	430	232
>EGFR-S768I·YVMASVDNP	17	>EGFR-S768I·YVMAIVDNPI	13	4
>EGFR-S768I·YVMASVDNP	7	>EGFR-S768I·YVMAIVDNPI	6	1
>EGFR-S768I·YVMASVDNP	424	>EGFR-S768I·YVMAIVDNPI	1055	631
>EGFR-S768I·EAYVMASV	18	>EGFR-S768I·EAYVMAIV	42	24
>EGFR-S768I·EAYVMASV	8	>EGFR-S768I·EAYVMAIV	14	6
>EGFR-S768I·DEAYVMAS	1479	>EGFR-S768I·DEAYVMAI	16	1463
>EGFR-S768I·DEAYVMASV	25	>EGFR-S768I·DEAYVMAIV	30	5
>EGFR-S768I·DEAYVMASV	64	>EGFR-S768I·DEAYVMAIV	311	247
>EGFR-S768I·DEAYVMAS	98	>EGFR-S768I·DEAYVMAI	50	48
>EGFR-S768I·DEAYVMASV	43	>EGFR-S768I·DEAYVMAIV	103	60

>EGFR-S768I·DEAYVMAS	16283	>EGFR-S768I·DEAYVMAI	385	15898
>EGFR-S768I·DEAYVMAS	20770	>EGFR-S768I·DEAYVMAI	84	20686
>EGFR-S768I·DEAYVMASV	423	>EGFR-S768I·DEAYVMAIV	336	87
>EGFR-S768I·LDEAYVMAS	24012	>EGFR-S768I·LDEAYVMAI	250	23762
>EGFR-S768I·LDEAYVMAS	7556	>EGFR-S768I·LDEAYVMAI	38	7518
>EGFR-S768I·LDEAYVMAS'	144	>EGFR-S768I·LDEAYVMAIV	85	59
>EGFR-S768I·ILDEAYVMAS	1251	>EGFR-S768I·ILDEAYVMAI	39	1212
>EGFR-S768I·ILDEAYVMAS	11	>EGFR-S768I·ILDEAYVMAI'	16	5
>EGFR-S768I·ILDEAYVMAS	1246	>EGFR-S768I·ILDEAYVMAI	19	1227
>EGFR-S768I·ILDEAYVMAS	5	>EGFR-S768I·ILDEAYVMAI'	11	6
>EGFR-S768I·ILDEAYVMAS	3132	>EGFR-S768I·ILDEAYVMAI	50	3082
>EGFR-S768I·ILDEAYVMAS	10	>EGFR-S768I·ILDEAYVMAI'	17	7
>EGFR-S768I·ILDEAYVMAS	6193	>EGFR-S768I·ILDEAYVMAI	173	6020
>EGFR-S768I·ILDEAYVMAS	8	>EGFR-S768I·ILDEAYVMAI'	12	4
>EGFR-S768I·ILDEAYVMAS	56	>EGFR-S768I·ILDEAYVMAI	3	53
>EGFR-S768I·ILDEAYVMAS	2	>EGFR-S768I·ILDEAYVMAI'	2	0
>EGFR-S768I·ILDEAYVMAS	1523	>EGFR-S768I·ILDEAYVMAI	6	1517
>EGFR-S768I·ILDEAYVMAS	3	>EGFR-S768I·ILDEAYVMAI'	4	1
>EGFR-S768I·ILDEAYVMAS	1869	>EGFR-S768I·ILDEAYVMAI	10	1859
>EGFR-S768I·ILDEAYVMAS	5	>EGFR-S768I·ILDEAYVMAI'	5	0
>EGFR-S768I·ILDEAYVMAS	6720	>EGFR-S768I·ILDEAYVMAI	7	6713
>EGFR-S768I·ILDEAYVMAS	3	>EGFR-S768I·ILDEAYVMAI'	4	1
>EGFR-S768I·ILDEAYVMAS	726	>EGFR-S768I·ILDEAYVMAI	6	720
>EGFR-S768I·ILDEAYVMAS	2	>EGFR-S768I·ILDEAYVMAI'	3	1
>EGFR-S768I·ILDEAYVMAS	15431	>EGFR-S768I·ILDEAYVMAI	467	14964
>EGFR-S768I·ILDEAYVMAS	82	>EGFR-S768I·ILDEAYVMAI'	324	242
>EGFR-S768I·SVDNPHVCRI	75	>EGFR-S768I·NVDNPHVCR	655	580
>EGFR-S768I·SVDNPHVCRI	449	>EGFR-S768I·NVDNPHVCR	6146	5697
>EGFR-S768I·SVDNPHVCRI	204	>EGFR-S768I·NVDNPHVCR	2541	2337
>EGFR-S768I·SVDNPHVCR	184	>EGFR-S768I·NVDNPHVCR	3026	2842
>EGFR-S768I·SVDNPHVCR	237	>EGFR-S768I·NVDNPHVCR	1489	1252
>EGFR-S768I·SVDNPHVCR	1972	>EGFR-S768I·NVDNPHVCR	256	1716
>EGFR-S768I·SVDNPHVCR	118	>EGFR-S768I·NVDNPHVCR	64	54
>EGFR-S768I·SVDNPHVCRI	627	>EGFR-S768I·NVDNPHVCR	237	390
>EGFR-S768I·ASVDNPHV	291	>EGFR-S768I·ANVDNPHV	1866	1575
>EGFR-S768I·ASVDNPHVCI	300	>EGFR-S768I·ANVDNPHVC	17810	17510
>EGFR-S768I·ASVDNPHVCI	389	>EGFR-S768I·ANVDNPHVC	10571	10182
>EGFR-S768I·ASVDNPHVCI	113	>EGFR-S768I·ANVDNPHVC	2218	2105
>EGFR-S768I·ASVDNPHVCI	423	>EGFR-S768I·ANVDNPHVC	12758	12335
>EGFR-S768I·ASVDNPHV	496	>EGFR-S768I·ANVDNPHV	24603	24107
>EGFR-S768I·ASVDNPHVCI	6	>EGFR-S768I·ANVDNPHVC	7794	7788
>EGFR-S768I·ASVDNPHVCI	154	>EGFR-S768I·ANVDNPHVC	1930	1776
>EGFR-S768I·MASVDNPHV	162	>EGFR-S768I·MANVDNPHV	227	65



>EGFR-S768M MASVDNPHV	162	>EGFR-S768M MANVDNPHV	190	28
>EGFR-S768M MASVDNPHV	74	>EGFR-S768M MANVDNPHV	25	49
>EGFR-S768M MASVDNPHV	268	>EGFR-S768M MANVDNPHV	229	39
>EGFR-S768M MASVDNPHV	9	>EGFR-S768M MANVDNPHV	13	4
>EGFR-S768M MASVDNPHV	258	>EGFR-S768M MANVDNPHV	372	114
>EGFR-S768M MASVDNPHV	161	>EGFR-S768M MANVDNPHV	102	59
>EGFR-S768M MASVDNPH	55	>EGFR-S768M MANVDNPH	72	17
>EGFR-S768M VMASVDNPH	148	>EGFR-S768M VMANVDNPH	126	22
>EGFR-S768M VMASVDNPH	84	>EGFR-S768M VMANVDNPH	110	26
>EGFR-S768M VMASVDNPH	209	>EGFR-S768M VMANVDNPH	280	71
>EGFR-S768M VMASVDNPH	303	>EGFR-S768M VMANVDNPH	266	37
>EGFR-S768M VMASVDNPH	3	>EGFR-S768M VMANVDNPH	3	0
>EGFR-S768M VMASVDNPH	37	>EGFR-S768M VMANVDNPH	31	6
>EGFR-S768M VMASVDNPH	7	>EGFR-S768M VMANVDNPH	5	2
>EGFR-S768M VMASVDNPH	258	>EGFR-S768M VMANVDNPH	135	123
>EGFR-S768M VMASVDNPH	5	>EGFR-S768M VMANVDNPH	5	0
>EGFR-S768M VMASVDNPH	516	>EGFR-S768M VMANVDNPH	332	184
>EGFR-S768M VMASVDNPH	6	>EGFR-S768M VMANVDNPH	7	1
>EGFR-S768M VMASVDNPH	233	>EGFR-S768M VMANVDNPH	233	0
>EGFR-S768M VMASVDNPH	3	>EGFR-S768M VMANVDNPH	3	0
>EGFR-S768M VMASVDNPH	75	>EGFR-S768M VMANVDNPH	72	3
>EGFR-S768M YVMASVDNP	6430	>EGFR-S768M YVMANVDNF	391	6039
>EGFR-S768M YVMASVDNP	10	>EGFR-S768M YVMANVDNF	10	0
>EGFR-S768M YVMASVDNP	13	>EGFR-S768M YVMANVDNF	14	1
>EGFR-S768M YVMASVDNP	8	>EGFR-S768M YVMANVDNF	9	1
>EGFR-S768M YVMASVDNP	4	>EGFR-S768M YVMANVDNF	5	1
>EGFR-S768M YVMASVDNP	8	>EGFR-S768M YVMANVDNF	6	2
>EGFR-S768M YVMASVDNP	7	>EGFR-S768M YVMANVDNF	5	2
>EGFR-S768M YVMASVDNP	10	>EGFR-S768M YVMANVDNF	10	0
>EGFR-S768M YVMASVDNP	4	>EGFR-S768M YVMANVDNF	3	1
>EGFR-S768M YVMASVDNP	3	>EGFR-S768M YVMANVDNF	3	0
>EGFR-S768M YVMASVDNP	397	>EGFR-S768M YVMANVDNF	405	8
>EGFR-S768M YVMASVDNP	457	>EGFR-S768M YVMANVDNF	403	54
>EGFR-S768M YVMASVDNP	17	>EGFR-S768M YVMANVDNF	17	0
>EGFR-S768M YVMASVDNP	7	>EGFR-S768M YVMANVDNF	6	1
>EGFR-S768M YVMASVDNP	424	>EGFR-S768M YVMANVDNF	699	275
>EGFR-S768M EAYVMASV	1698	>EGFR-S768M EAYVMANV	444	1254
>EGFR-S768M EAYVMASV	18	>EGFR-S768M EAYVMANV	14	4
>EGFR-S768M EAYVMASV	8	>EGFR-S768M EAYVMANV	7	1
>EGFR-S768M DEAYVMASV	25	>EGFR-S768M DEAYVMANV	42	17
>EGFR-S768M DEAYVMASV	64	>EGFR-S768M DEAYVMANV	61	3
>EGFR-S768M DEAYVMAS	98	>EGFR-S768M DEAYVMAN	147	49
>EGFR-S768M DEAYVMASV	43	>EGFR-S768M DEAYVMANV	206	163

>EGFR-S768MDEAYVMASV	423	>EGFR-S768MDEAYVMANV	551	128
>EGFR-S768MLDEAYVMASV	144	>EGFR-S768MLDEAYVMAN	127	17
>EGFR-S768MILDEAYVMAS	11	>EGFR-S768MILDEAYVMAN	11	0
>EGFR-S768MILDEAYVMAS	5	>EGFR-S768MILDEAYVMAN	6	1
>EGFR-S768MILDEAYVMAS	10	>EGFR-S768MILDEAYVMAN	12	2
>EGFR-S768MILDEAYVMAS	8	>EGFR-S768MILDEAYVMAN	11	3
>EGFR-S768MILDEAYVMAS	56	>EGFR-S768MILDEAYVMAN	268	212
>EGFR-S768MILDEAYVMAS	2	>EGFR-S768MILDEAYVMAN	2	0
>EGFR-S768MILDEAYVMAS	3	>EGFR-S768MILDEAYVMAN	4	1
>EGFR-S768MILDEAYVMAS	5	>EGFR-S768MILDEAYVMAN	5	0
>EGFR-S768MILDEAYVMAS	3	>EGFR-S768MILDEAYVMAN	3	0
>EGFR-S768MILDEAYVMAS	2	>EGFR-S768MILDEAYVMAN	2	0
>EGFR-S768MILDEAYVMAS	82	>EGFR-S768MILDEAYVMAN	74	8
>EGFR-S784FSTVQLITQL	788	>EGFR-S784FTVQLITQL	358	430
>EGFR-S784FSTVQLITQL	5704	>EGFR-S784FTVQLITQL	416	5288
>EGFR-S784FSTVQLITQL	339	>EGFR-S784FTVQLITQL	22	317
>EGFR-S784FSTVQLITQL	907	>EGFR-S784FTVQLITQL	58	849
>EGFR-S784FSTVQLITQL	408	>EGFR-S784FTVQLITQL	22	386
>EGFR-S784FSTVQLITQL	706	>EGFR-S784FTVQLITQL	87	619
>EGFR-S784FSTVQLITQL	1041	>EGFR-S784FTVQLITQL	72	969
>EGFR-S784FSTVQLITQL	769	>EGFR-S784FTVQLITQL	331	438
>EGFR-S784FSTVQLITQ	371	>EGFR-S784FTVQLITQ	760	389
>EGFR-S784FSTVQLITQL	64	>EGFR-S784FTVQLITQL	116	52
>EGFR-S784FSTVQLITQLM	18	>EGFR-S784FTVQLITQLM	32	14
>EGFR-S784FSTVQLITQLM	139	>EGFR-S784FTVQLITQLM	104	35
>EGFR-S784FSTVQLITQL	116	>EGFR-S784FTVQLITQL	38	78
>EGFR-S784FSTVQLITQLM	296	>EGFR-S784FTVQLITQLM	268	28
>EGFR-S784FSTVQLITQL	222	>EGFR-S784FTVQLITQL	63	159
>EGFR-S784FSTVQLITQLM	528	>EGFR-S784FTVQLITQLM	149	379
>EGFR-S784FSTVQLITQL	7	>EGFR-S784FTVQLITQL	9	2
>EGFR-S784FSTVQLITQLM	18	>EGFR-S784FTVQLITQLM	22	4
>EGFR-S784FSTVQLITQL	2533	>EGFR-S784FTVQLITQL	458	2075
>EGFR-S784FSTVQLITQLM	1349	>EGFR-S784FTVQLITQLM	233	1116
>EGFR-S784FSTVQLITQL	170	>EGFR-S784FTVQLITQL	98	72
>EGFR-S784FSTVQLITQLM	72	>EGFR-S784FTVQLITQLM	42	30
>EGFR-S784FSTVQLITQL	17	>EGFR-S784FTVQLITQL	32	15
>EGFR-S784FSTVQLITQLM	24	>EGFR-S784FTVQLITQLM	32	8
>EGFR-S784FSTVQLITQL	249	>EGFR-S784FTVQLITQL	441	192
>EGFR-S784FTSTVQLITQL	16117	>EGFR-S784FTFTVQLITQL	329	15788
>EGFR-S784FTSTVQLITQL	59	>EGFR-S784FTFTVQLITQL	24567	24508
>EGFR-S784FTSTVQLITQLM	239	>EGFR-S784FTFTVQLITQLM	26458	26219
>EGFR-S784FTSTVQLITQL	474	>EGFR-S784FTFTVQLITQL	14589	14115
>EGFR-S784FTSTVQLITQLM	203	>EGFR-S784FTFTVQLITQLM	10990	10787

>EGFR-S784FTSTVQLITQL	253	>EGFR-S784FTFTVQLITQL	18213	17960
>EGFR-S784FTSTVQLITQLM	171	>EGFR-S784FTFTVQLITQLM	5011	4840
>EGFR-S784FVCRLLGICLTS	25902	>EGFR-S784FVCRLLGICLTF	496	25406
>EGFR-S784FVCRLLGICLTS	4705	>EGFR-S784FVCRLLGICLTF	69	4636
>EGFR-S784FLTSTVQLI	302	>EGFR-S784FLTFTVQLI	266	36
>EGFR-S784FLTSTVQLITQL	119	>EGFR-S784FLTFTVQLITQL	111	8
>EGFR-S784FLTSTVQLI	2276	>EGFR-S784FLTFTVQLI	471	1805
>EGFR-S784FLTSTVQLI	2863	>EGFR-S784FLTFTVQLI	174	2689
>EGFR-S784FLTSTVQLITQL	2730	>EGFR-S784FLTFTVQLITQL	176	2554
>EGFR-S784FLTSTVQLI	3205	>EGFR-S784FLTFTVQLI	147	3058
>EGFR-S784FLTSTVQLITQL	3481	>EGFR-S784FLTFTVQLITQL	154	3327
>EGFR-S784FLTSTVQLI	123	>EGFR-S784FLTFTVQLI	37	86
>EGFR-S784FLTSTVQLITQL	223	>EGFR-S784FLTFTVQLITQL	59	164
>EGFR-S784FLTSTVQLI	715	>EGFR-S784FLTFTVQLI	130	585
>EGFR-S784FLTSTVQLITQL	49	>EGFR-S784FLTFTVQLITQL	13	36
>EGFR-S784FLTSTVQLI	80	>EGFR-S784FLTFTVQLI	76	4
>EGFR-S784FLTSTVQLITQL	78	>EGFR-S784FLTFTVQLITQL	71	7
>EGFR-S784FLTSTVQLITQL	117	>EGFR-S784FLTFTVQLITQL	227	110
>EGFR-S784FLTSTVQLIT	1172	>EGFR-S784FLTFTVQLIT	223	949
>EGFR-S784FLTSTVQLITQL	30	>EGFR-S784FLTFTVQLITQL	11	19
>EGFR-S784FLTSTVQLI	32	>EGFR-S784FLTFTVQLI	12	20
>EGFR-S784FLTSTVQLITQL	298	>EGFR-S784FLTFTVQLITQL	55	243
>EGFR-S784FCLTSTVQL	75	>EGFR-S784FCLTFTVQL	128	53
>EGFR-S784FCLTSTVQLI	187	>EGFR-S784FCLTFTVQLI	344	157
>EGFR-S784FCLTSTVQL	312	>EGFR-S784FCLTFTVQL	407	95
>EGFR-S784FCLTSTVQLI	73	>EGFR-S784FCLTFTVQLI	122	49
>EGFR-S784FCLTSTVQL	143	>EGFR-S784FCLTFTVQL	190	47
>EGFR-S784FCLTSTVQLI	103	>EGFR-S784FCLTFTVQLI	199	96
>EGFR-S784FCLTSTVQL	364	>EGFR-S784FCLTFTVQL	587	223
>EGFR-S784FCLTSTVQLI	316	>EGFR-S784FCLTFTVQLI	555	239
>EGFR-S784FCLTSTVQL	227	>EGFR-S784FCLTFTVQL	447	220
>EGFR-S784FCLTSTVQLI	272	>EGFR-S784FCLTFTVQLI	846	574
>EGFR-S784FCLTSTVQL	77	>EGFR-S784FCLTFTVQL	95	18
>EGFR-S784FCLTSTVQLI	301	>EGFR-S784FCLTFTVQLI	580	279
>EGFR-S784FCLTSTVQL	7	>EGFR-S784FCLTFTVQL	13	6
>EGFR-S784FCLTSTVQLI	25	>EGFR-S784FCLTFTVQLI	85	60
>EGFR-S784FICLTSTVQL	2246	>EGFR-S784FICLTFTVQL	203	2043
>EGFR-S784FGICLTSTV	138	>EGFR-S784FGICLTFTV	301	163
>EGFR-S784FGICLTSTV	858	>EGFR-S784FGICLTFTV	104	754
>EGFR-S784FGICLTSTV	122	>EGFR-S784FGICLTFTV	47	75
>EGFR-S784FGICLTSTV	660	>EGFR-S784FGICLTFTV	333	327
>EGFR-S784FGICLTSTV	314	>EGFR-S784FGICLTFTV	98	216
>EGFR-S784FGICLTSTV	38	>EGFR-S784FGICLTFTV	23	15

>EGFR-S784F LGICLTSTV	946	>EGFR-S784F LGICLTFTV	398	548
>EGFR-S784F LGICLTSTV	518	>EGFR-S784F LGICLTFTV	30	488
>EGFR-S784F LGICLTSTV	713	>EGFR-S784F LGICLTFTV	178	535
>EGFR-S784F LGICLTSTV	256	>EGFR-S784F LGICLTFTV	4873	4617
>EGFR-S784F LLGICLTSTV	63	>EGFR-S784F LLGICLTFTV	22	41
>EGFR-S784F LLGICLTST	415	>EGFR-S784F LLGICLTFT	148	267
>EGFR-S784F LLGICLTSTV	17	>EGFR-S784F LLGICLTFTV	13	4
>EGFR-S784F LLGICLTST	295	>EGFR-S784F LLGICLTFT	441	146
>EGFR-S784F LLGICLTSTV	14	>EGFR-S784F LLGICLTFTV	45	31
>EGFR-S784F LLGICLTSTV	98	>EGFR-S784F LLGICLTFTV	62	36
>EGFR-S784F LLGICLTSTV	4	>EGFR-S784F LLGICLTFTV	3	1
>EGFR-S784F LLGICLTSTV	5	>EGFR-S784F LLGICLTFTV	4	1
>EGFR-S784F LLGICLTSTV	9	>EGFR-S784F LLGICLTFTV	6	3
>EGFR-S784F LLGICLTSTV	6	>EGFR-S784F LLGICLTFTV	3	3
>EGFR-S784F LLGICLTST	30	>EGFR-S784F LLGICLTFT	49	19
>EGFR-S784F LLGICLTSTV	2	>EGFR-S784F LLGICLTFTV	2	0
>EGFR-S784F LLGICLTSTVQ	272	>EGFR-S784F LLGICLTFTVQ	244	28
>EGFR-S784F LLGICLTS	12948	>EGFR-S784F LLGICLTF	94	12854
>EGFR-S784F LLGICLTS	23796	>EGFR-S784F LLGICLTF	356	23440
>EGFR-S784F RLLGICLTST	73	>EGFR-S784F RLLGICLTFT	46	27
>EGFR-S784F RLLGICLTSTV	15	>EGFR-S784F RLLGICLTFTV	9	6
>EGFR-S784F RLLGICLTST	207	>EGFR-S784F RLLGICLTFT	170	37
>EGFR-S784F RLLGICLTSTV	29	>EGFR-S784F RLLGICLTFTV	18	11
>EGFR-S784F RLLGICLTST	52	>EGFR-S784F RLLGICLTFT	97	45
>EGFR-S784F RLLGICLTSTV	13	>EGFR-S784F RLLGICLTFTV	25	12
>EGFR-S784F RLLGICLTST	87	>EGFR-S784F RLLGICLTFT	104	17
>EGFR-S784F RLLGICLTSTV	19	>EGFR-S784F RLLGICLTFTV	8	11
>EGFR-S784F RLLGICLTS	510	>EGFR-S784F RLLGICLTF	418	92
>EGFR-S784F RLLGICLTST	95	>EGFR-S784F RLLGICLTFT	62	33
>EGFR-S784F RLLGICLTSTV	2	>EGFR-S784F RLLGICLTFTV	2	0
>EGFR-S784F RLLGICLTSTV	5	>EGFR-S784F RLLGICLTFTV	4	1
>EGFR-S784F RLLGICLTST	401	>EGFR-S784F RLLGICLTFT	100	301
>EGFR-S784F RLLGICLTSTV	5	>EGFR-S784F RLLGICLTFTV	4	1
>EGFR-S784F RLLGICLTST	658	>EGFR-S784F RLLGICLTFT	288	370
>EGFR-S784F RLLGICLTSTV	2	>EGFR-S784F RLLGICLTFTV	2	0
>EGFR-S784F RLLGICLTST	34	>EGFR-S784F RLLGICLTFT	56	22
>EGFR-S784F RLLGICLTSTV	2	>EGFR-S784F RLLGICLTFTV	2	0
>EGFR-S784F RLLGICLTS	26391	>EGFR-S784F RLLGICLTF	49	26342
>EGFR-S784F RLLGICLTS	20973	>EGFR-S784F RLLGICLTF	183	20790
>EGFR-S784F RLLGICLTS	18480	>EGFR-S784F RLLGICLTF	74	18406
>EGFR-S784F RLLGICLTS	9060	>EGFR-S784F RLLGICLTF	204	8856
>EGFR-S784F RLLGICLTS	163	>EGFR-S784F RLLGICLTF	4	159
>EGFR-S784F RLLGICLTST	360	>EGFR-S784F RLLGICLTFT	2268	1908

>EGFR-S784F RLLGICLTSTV	23	>EGFR-S784F RLLGICLTFTV	13	10
>EGFR-S784F RLLGICLTSTV	779	>EGFR-S784F RLLGICLTFTV	206	573
>EGFR-S784F RLLGICLTS	12504	>EGFR-S784F RLLGICLTF	128	12376
>EGFR-S784F RLLGICLTS	14389	>EGFR-S784F RLLGICLTF	57	14332
>EGFR-S784F RLLGICLTS	13929	>EGFR-S784F RLLGICLTF	37	13892
>EGFR-S784F RLLGICLTS	20105	>EGFR-S784F RLLGICLTF	471	19634
>EGFR-S784F RLLGICLTS	6341	>EGFR-S784F RLLGICLTF	64	6277
>EGFR-S784F RLLGICLTSTV	241	>EGFR-S784F RLLGICLTFTV	1789	1548
>EGFR-S784F CRLLGICLTS	15417	>EGFR-S784F CRLLGICLTF	104	15313
>EGFR-S784F CRLLGICLTS	999	>EGFR-S784F CRLLGICLTF	34	965
>EGFR-S784F CRLLGICLTS	1410	>EGFR-S784F CRLLGICLTF	411	999
>EGFR-S784F CRLLGICLTS	577	>EGFR-S784F CRLLGICLTF	166	411
>EGFR-S784F STVQLITQL	339	>EGFR-S784F PTVQLITQL	4061	3722
>EGFR-S784F STVQLITQL	408	>EGFR-S784F PTVQLITQL	13560	13152
>EGFR-S784F STVQLITQ	371	>EGFR-S784F PTVQLITQ	1824	1453
>EGFR-S784F STVQLITQL	64	>EGFR-S784F PTVQLITQL	281	217
>EGFR-S784F STVQLITQLM	18	>EGFR-S784F PTVQLITQLM	88	70
>EGFR-S784F STVQLITQLM	139	>EGFR-S784F PTVQLITQLM	407	268
>EGFR-S784F STVQLITQL	116	>EGFR-S784F PTVQLITQL	7930	7814
>EGFR-S784F STVQLITQLM	296	>EGFR-S784F PTVQLITQLM	5636	5340
>EGFR-S784F STVQLITQL	222	>EGFR-S784F PTVQLITQL	5647	5425
>EGFR-S784F STVQLITQL	7	>EGFR-S784F PTVQLITQL	454	447
>EGFR-S784F STVQLITQLM	18	>EGFR-S784F PTVQLITQLM	1751	1733
>EGFR-S784F STVQLITQL	170	>EGFR-S784F PTVQLITQL	1810	1640
>EGFR-S784F STVQLITQLM	72	>EGFR-S784F PTVQLITQLM	871	799
>EGFR-S784F STVQLITQL	17	>EGFR-S784F PTVQLITQL	2123	2106
>EGFR-S784F STVQLITQLM	24	>EGFR-S784F PTVQLITQLM	262	238
>EGFR-S784F STVQLITQL	249	>EGFR-S784F PTVQLITQL	11900	11651
>EGFR-S784F TSTVQLITQL	24808	>EGFR-S784F TPTVQLITQL	240	24568
>EGFR-S784F TSTVQLITQL	59	>EGFR-S784F TPTVQLITQL	18040	17981
>EGFR-S784F TSTVQLITQLM	239	>EGFR-S784F TPTVQLITQLM	21687	21448
>EGFR-S784F TSTVQLITQLM	3741	>EGFR-S784F TPTVQLITQLM	130	3611
>EGFR-S784F TSTVQLITQLM	17343	>EGFR-S784F TPTVQLITQLM	388	16955
>EGFR-S784F TSTVQLITQL	474	>EGFR-S784F TPTVQLITQL	9449	8975
>EGFR-S784F TSTVQLITQLM	203	>EGFR-S784F TPTVQLITQLM	6283	6080
>EGFR-S784F TSTVQLITQL	253	>EGFR-S784F TPTVQLITQL	20055	19802
>EGFR-S784F TSTVQLITQLM	171	>EGFR-S784F TPTVQLITQLM	4535	4364
>EGFR-S784F LTSTVQLI	302	>EGFR-S784F LTPTVQLI	2234	1932
>EGFR-S784F LTSTVQLITQL	119	>EGFR-S784F LTPTVQLITQL	970	851
>EGFR-S784F LTSTVQLI	123	>EGFR-S784F LTPTVQLI	131	8
>EGFR-S784F LTSTVQLITQL	223	>EGFR-S784F LTPTVQLITQL	222	1
>EGFR-S784F LTSTVQLITQL	49	>EGFR-S784F LTPTVQLITQL	824	775
>EGFR-S784F LTSTVQLI	80	>EGFR-S784F LTPTVQLI	8563	8483

>EGFR-S784F LTSTVQLITQL	78	>EGFR-S784F LTPTVQLITQL	8247	8169
>EGFR-S784F LTSTVQLI	883	>EGFR-S784F LTPTVQLI	5	878
>EGFR-S784F LTSTVQLIT	9786	>EGFR-S784F LTPTVQLIT	70	9716
>EGFR-S784F LTSTVQLITQ	9466	>EGFR-S784F LTPTVQLITQ	81	9385
>EGFR-S784F LTSTVQLITQL	117	>EGFR-S784F LTPTVQLITQL	2	115
>EGFR-S784F LTSTVQLITQL	30	>EGFR-S784F LTPTVQLITQL	541	511
>EGFR-S784F LTSTVQLI	32	>EGFR-S784F LTPTVQLI	54	22
>EGFR-S784F LTSTVQLITQL	298	>EGFR-S784F LTPTVQLITQL	443	145
>EGFR-S784F CLTSTVQL	75	>EGFR-S784F CLTPTVQL	99	24
>EGFR-S784F CLTSTVQLI	187	>EGFR-S784F CLTPTVQLI	198	11
>EGFR-S784F CLTSTVQL	312	>EGFR-S784F CLTPTVQL	388	76
>EGFR-S784F CLTSTVQLI	73	>EGFR-S784F CLTPTVQLI	64	9
>EGFR-S784F CLTSTVQL	143	>EGFR-S784F CLTPTVQL	100	43
>EGFR-S784F CLTSTVQLI	103	>EGFR-S784F CLTPTVQLI	81	22
>EGFR-S784F CLTSTVQL	364	>EGFR-S784F CLTPTVQL	282	82
>EGFR-S784F CLTSTVQLI	316	>EGFR-S784F CLTPTVQLI	196	120
>EGFR-S784F CLTSTVQL	227	>EGFR-S784F CLTPTVQL	182	45
>EGFR-S784F CLTSTVQLI	272	>EGFR-S784F CLTPTVQLI	153	119
>EGFR-S784F CLTSTVQL	77	>EGFR-S784F CLTPTVQL	81	4
>EGFR-S784F CLTSTVQLI	301	>EGFR-S784F CLTPTVQLI	300	1
>EGFR-S784F CLTSTVQL	7	>EGFR-S784F CLTPTVQL	5	2
>EGFR-S784F CLTSTVQLI	25	>EGFR-S784F CLTPTVQLI	10	15
>EGFR-S784F CLTSTVQLITC	549	>EGFR-S784F CLTPTVQLITC	172	377
>EGFR-S784F CLTSTVQLI	869	>EGFR-S784F CLTPTVQLI	340	529
>EGFR-S784F GICLTSTV	138	>EGFR-S784F GICLTPTV	308	170
>EGFR-S784F GICLTSTV	122	>EGFR-S784F GICLTPTV	56	66
>EGFR-S784F GICLTSTV	314	>EGFR-S784F GICLTPTV	121	193
>EGFR-S784F GICLTSTV	38	>EGFR-S784F GICLTPTV	39	1
>EGFR-S784F LGICLTSTV	518	>EGFR-S784F LGICLTPTV	122	396
>EGFR-S784F LGICLTSTV	256	>EGFR-S784F LGICLTPTV	5626	5370
>EGFR-S784F LLGICLTSTV	63	>EGFR-S784F LLGICLTPTV	29	34
>EGFR-S784F LLGICLTST	415	>EGFR-S784F LLGICLTPT	296	119
>EGFR-S784F LLGICLTSTV	17	>EGFR-S784F LLGICLTPTV	21	4
>EGFR-S784F LLGICLTST	295	>EGFR-S784F LLGICLTPT	186	109
>EGFR-S784F LLGICLTSTV	14	>EGFR-S784F LLGICLTPTV	30	16
>EGFR-S784F LLGICLTSTV	98	>EGFR-S784F LLGICLTPTV	56	42
>EGFR-S784F LLGICLTSTV	4	>EGFR-S784F LLGICLTPTV	3	1
>EGFR-S784F LLGICLTSTV	5	>EGFR-S784F LLGICLTPTV	6	1
>EGFR-S784F LLGICLTSTV	9	>EGFR-S784F LLGICLTPTV	6	3
>EGFR-S784F LLGICLTSTV	6	>EGFR-S784F LLGICLTPTV	5	1
>EGFR-S784F LLGICLTST	30	>EGFR-S784F LLGICLTPT	71	41
>EGFR-S784F LLGICLTSTV	2	>EGFR-S784F LLGICLTPTV	2	0
>EGFR-S784F LLGICLTSTVQ	272	>EGFR-S784F LLGICLTPTVC	384	112

>EGFR-S784F RLLGICLTST	73	>EGFR-S784F RLLGICLTPT	57	16
>EGFR-S784F RLLGICLTSTV	15	>EGFR-S784F RLLGICLTPTV	10	5
>EGFR-S784F RLLGICLTST	207	>EGFR-S784F RLLGICLTPT	153	54
>EGFR-S784F RLLGICLTSTV	29	>EGFR-S784F RLLGICLTPTV	36	7
>EGFR-S784F RLLGICLTST	52	>EGFR-S784F RLLGICLTPT	57	5
>EGFR-S784F RLLGICLTSTV	13	>EGFR-S784F RLLGICLTPTV	22	9
>EGFR-S784F RLLGICLTST	87	>EGFR-S784F RLLGICLTPT	70	17
>EGFR-S784F RLLGICLTSTV	19	>EGFR-S784F RLLGICLTPTV	11	8
>EGFR-S784F RLLGICLTST	95	>EGFR-S784F RLLGICLTPT	87	8
>EGFR-S784F RLLGICLTSTV	2	>EGFR-S784F RLLGICLTPTV	2	0
>EGFR-S784F RLLGICLTSTV	5	>EGFR-S784F RLLGICLTPTV	5	0
>EGFR-S784F RLLGICLTST	401	>EGFR-S784F RLLGICLTPT	323	78
>EGFR-S784F RLLGICLTSTV	5	>EGFR-S784F RLLGICLTPTV	4	1
>EGFR-S784F RLLGICLTSTV	2	>EGFR-S784F RLLGICLTPTV	2	0
>EGFR-S784F RLLGICLTST	34	>EGFR-S784F RLLGICLTPT	72	38
>EGFR-S784F RLLGICLTSTV	2	>EGFR-S784F RLLGICLTPTV	2	0
>EGFR-S784F RLLGICLTS	163	>EGFR-S784F RLLGICLTP	148	15
>EGFR-S784F RLLGICLTST	360	>EGFR-S784F RLLGICLTPT	436	76
>EGFR-S784F RLLGICLTSTV	23	>EGFR-S784F RLLGICLTPTV	21	2
>EGFR-S784F RLLGICLTSTV	779	>EGFR-S784F RLLGICLTPTV	268	511
>EGFR-S784F RLLGICLTSTV	241	>EGFR-S784F RLLGICLTPTV	2223	1982
>EGFR-S784YSTVQLITQL	788	>EGFR-S784YSTVQLITQL	276	512
>EGFR-S784YSTVQLITQL	339	>EGFR-S784YSTVQLITQL	58	281
>EGFR-S784YSTVQLITQL	907	>EGFR-S784YSTVQLITQL	99	808
>EGFR-S784YSTVQLITQL	408	>EGFR-S784YSTVQLITQL	37	371
>EGFR-S784YSTVQLITQL	706	>EGFR-S784YSTVQLITQL	63	643
>EGFR-S784YSTVQLITQL	1041	>EGFR-S784YSTVQLITQL	56	985
>EGFR-S784YSTVQLITQ	2852	>EGFR-S784YSTVQLITQ	421	2431
>EGFR-S784YSTVQLITQL	769	>EGFR-S784YSTVQLITQL	151	618
>EGFR-S784YSTVQLITQLM	3103	>EGFR-S784YSTVQLITQLM	469	2634
>EGFR-S784YSTVQLITQ	371	>EGFR-S784YSTVQLITQ	202	169
>EGFR-S784YSTVQLITQL	64	>EGFR-S784YSTVQLITQL	35	29
>EGFR-S784YSTVQLITQLM	18	>EGFR-S784YSTVQLITQLM	10	8
>EGFR-S784YSTVQLITQLM	139	>EGFR-S784YSTVQLITQLM	85	54
>EGFR-S784YSTVQLITQL	116	>EGFR-S784YSTVQLITQL	72	44
>EGFR-S784YSTVQLITQLM	296	>EGFR-S784YSTVQLITQLM	227	69
>EGFR-S784YSTVQLITQL	222	>EGFR-S784YSTVQLITQL	56	166
>EGFR-S784YSTVQLITQLM	528	>EGFR-S784YSTVQLITQLM	131	397
>EGFR-S784YSTVQLITQL	7	>EGFR-S784YSTVQLITQL	5	2
>EGFR-S784YSTVQLITQLM	18	>EGFR-S784YSTVQLITQLM	9	9
>EGFR-S784YSTVQLITQL	2533	>EGFR-S784YSTVQLITQL	485	2048
>EGFR-S784YSTVQLITQLM	1349	>EGFR-S784YSTVQLITQLM	238	1111
>EGFR-S784YSTVQLITQL	170	>EGFR-S784YSTVQLITQL	50	120

>EGFR-S784YSTVQLITQLM	72	>EGFR-S784Y YTVQLITQLM	22	50
>EGFR-S784YSTVQLITQL	17	>EGFR-S784Y YTVQLITQL	11	6
>EGFR-S784YSTVQLITQLM	24	>EGFR-S784Y YTVQLITQLM	22	2
>EGFR-S784YSTVQLITQL	249	>EGFR-S784Y YTVQLITQL	692	443
>EGFR-S784YTSTVQLITQL	9530	>EGFR-S784Y TYTVQLITQL	20	9510
>EGFR-S784YTSTVQLITQL	16117	>EGFR-S784Y TYTVQLITQL	17	16100
>EGFR-S784YTSTVQLITQLM	21719	>EGFR-S784Y TYTVQLITQLM	161	21558
>EGFR-S784YTSTVQLITQL	59	>EGFR-S784Y TYTVQLITQL	23212	23153
>EGFR-S784YTSTVQLITQLM	239	>EGFR-S784Y TYTVQLITQLM	25536	25297
>EGFR-S784YTSTVQLITQL	474	>EGFR-S784Y TYTVQLITQL	15438	14964
>EGFR-S784YTSTVQLITQLM	203	>EGFR-S784Y TYTVQLITQLM	11681	11478
>EGFR-S784YTSTVQLITQL	253	>EGFR-S784Y TYTVQLITQL	20884	20631
>EGFR-S784YTSTVQLITQLM	171	>EGFR-S784Y TYTVQLITQLM	6891	6720
>EGFR-S784YVCRLLGICLTS	24943	>EGFR-S784Y VCRLLGICLTY	326	24617
>EGFR-S784YVCRLLGICLTS	4705	>EGFR-S784Y VCRLLGICLTY	49	4656
>EGFR-S784YLTSTVQLITQL	9638	>EGFR-S784Y LTYTVQLITQL	479	9159
>EGFR-S784YLTSTVQLI	302	>EGFR-S784Y LTYTVQLI	431	129
>EGFR-S784YLTSTVQLITQL	119	>EGFR-S784Y LTYTVQLITQL	195	76
>EGFR-S784YLTSTVQLI	791	>EGFR-S784Y LTYTVQLI	239	552
>EGFR-S784YLTSTVQLITQL	931	>EGFR-S784Y LTYTVQLITQL	291	640
>EGFR-S784YLTSTVQLI	2863	>EGFR-S784Y LTYTVQLI	113	2750
>EGFR-S784YLTSTVQLITQL	2730	>EGFR-S784Y LTYTVQLITQL	119	2611
>EGFR-S784YLTSTVQLITQL	1934	>EGFR-S784Y LTYTVQLITQL	373	1561
>EGFR-S784YLTSTVQLI	3205	>EGFR-S784Y LTYTVQLI	437	2768
>EGFR-S784YLTSTVQLITQL	3481	>EGFR-S784Y LTYTVQLITQL	433	3048
>EGFR-S784YLTSTVQLI	123	>EGFR-S784Y LTYTVQLI	143	20
>EGFR-S784YLTSTVQLITQL	223	>EGFR-S784Y LTYTVQLITQL	256	33
>EGFR-S784YLTSTVQLI	4309	>EGFR-S784Y LTYTVQLI	480	3829
>EGFR-S784YLTSTVQLI	715	>EGFR-S784Y LTYTVQLI	100	615
>EGFR-S784YLTSTVQLITQL	49	>EGFR-S784Y LTYTVQLITQL	11	38
>EGFR-S784YLTSTVQLI	80	>EGFR-S784Y LTYTVQLI	50	30
>EGFR-S784YLTSTVQLITQL	78	>EGFR-S784Y LTYTVQLITQL	45	33
>EGFR-S784YLTSTVQLI	883	>EGFR-S784Y LTYTVQLI	407	476
>EGFR-S784YLTSTVQLITQL	117	>EGFR-S784Y LTYTVQLITQL	151	34
>EGFR-S784YLTSTVQLITQL	30	>EGFR-S784Y LTYTVQLITQL	19	11
>EGFR-S784YLTSTVQLI	32	>EGFR-S784Y LTYTVQLI	11	21
>EGFR-S784YLTSTVQLITQL	298	>EGFR-S784Y LTYTVQLITQL	52	246
>EGFR-S784YCLTSTVQL	75	>EGFR-S784Y CLTYTVQL	109	34
>EGFR-S784YCLTSTVQLI	187	>EGFR-S784Y CLTYTVQLI	354	167
>EGFR-S784YCLTSTVQL	312	>EGFR-S784Y CLTYTVQL	505	193
>EGFR-S784YCLTSTVQLI	73	>EGFR-S784Y CLTYTVQLI	206	133
>EGFR-S784YCLTSTVQL	143	>EGFR-S784Y CLTYTVQL	417	274
>EGFR-S784YCLTSTVQLI	103	>EGFR-S784Y CLTYTVQLI	543	440



>EGFR-S784YCLTSTVQL	364	>EGFR-S784YCLTYTVQL	533	169
>EGFR-S784YCLTSTVQLI	316	>EGFR-S784YCLTYTVQLI	556	240
>EGFR-S784YCLTSTVQL	227	>EGFR-S784YCLTYTVQL	754	527
>EGFR-S784YCLTSTVQLI	272	>EGFR-S784YCLTYTVQLI	1416	1144
>EGFR-S784YCLTSTVQL	77	>EGFR-S784YCLTYTVQL	388	311
>EGFR-S784YCLTSTVQLI	301	>EGFR-S784YCLTYTVQLI	2214	1913
>EGFR-S784YCLTSTVQL	7	>EGFR-S784YCLTYTVQL	24	17
>EGFR-S784YCLTSTVQLI	25	>EGFR-S784YCLTYTVQLI	223	198
>EGFR-S784YGICLTSTV	138	>EGFR-S784YGICLTYTV	289	151
>EGFR-S784YGICLTSTV	122	>EGFR-S784YGICLTYTV	55	67
>EGFR-S784YGICLTSTV	660	>EGFR-S784YGICLTYTV	251	409
>EGFR-S784YGICLTSTV	314	>EGFR-S784YGICLTYTV	170	144
>EGFR-S784YGICLTSTV	38	>EGFR-S784YGICLTYTV	35	3
>EGFR-S784YLGICLTSTV	946	>EGFR-S784YLGICLTYTV	272	674
>EGFR-S784YLGICLTSTV	518	>EGFR-S784YLGICLTYTV	158	360
>EGFR-S784YLGICLTSTV	713	>EGFR-S784YLGICLTYTV	91	622
>EGFR-S784YLGICLTSTV	256	>EGFR-S784YLGICLTYTV	5413	5157
>EGFR-S784YLLGICLTST	1769	>EGFR-S784YLLGICLTYT	452	1317
>EGFR-S784YLLGICLTSTV	63	>EGFR-S784YLLGICLTYTV	23	40
>EGFR-S784YLLGICLTST	415	>EGFR-S784YLLGICLTYT	152	263
>EGFR-S784YLLGICLTSTV	17	>EGFR-S784YLLGICLTYTV	11	6
>EGFR-S784YLLGICLTST	295	>EGFR-S784YLLGICLTYT	325	30
>EGFR-S784YLLGICLTSTV	14	>EGFR-S784YLLGICLTYTV	37	23
>EGFR-S784YLLGICLTSTV	98	>EGFR-S784YLLGICLTYTV	50	48
>EGFR-S784YLLGICLTST	1639	>EGFR-S784YLLGICLTYT	236	1403
>EGFR-S784YLLGICLTSTV	4	>EGFR-S784YLLGICLTYTV	3	1
>EGFR-S784YLLGICLTSTV	5	>EGFR-S784YLLGICLTYTV	3	2
>EGFR-S784YLLGICLTSTV	9	>EGFR-S784YLLGICLTYTV	7	2
>EGFR-S784YLLGICLTSTV	6	>EGFR-S784YLLGICLTYTV	3	3
>EGFR-S784YLLGICLTST	30	>EGFR-S784YLLGICLTYT	24	6
>EGFR-S784YLLGICLTSTV	2	>EGFR-S784YLLGICLTYTV	2	0
>EGFR-S784YLLGICLTSTVQ	272	>EGFR-S784YLLGICLTYTVQ	246	26
>EGFR-S784YLLGICLTS	16986	>EGFR-S784YLLGICLTY	28	16958
>EGFR-S784YLLGICLTS	25684	>EGFR-S784YLLGICLTY	110	25574
>EGFR-S784YLLGICLTS	23730	>EGFR-S784YLLGICLTY	59	23671
>EGFR-S784YLLGICLTS	12948	>EGFR-S784YLLGICLTY	99	12849
>EGFR-S784YLLGICLTS	36039	>EGFR-S784YLLGICLTY	349	35690
>EGFR-S784YRLGICLTST	73	>EGFR-S784YRLGICLTYT	25	48
>EGFR-S784YRLGICLTSTV	15	>EGFR-S784YRLGICLTYTV	10	5
>EGFR-S784YRLGICLTST	207	>EGFR-S784YRLGICLTYT	89	118
>EGFR-S784YRLGICLTSTV	29	>EGFR-S784YRLGICLTYTV	15	14
>EGFR-S784YRLGICLTST	52	>EGFR-S784YRLGICLTYT	45	7
>EGFR-S784YRLGICLTSTV	13	>EGFR-S784YRLGICLTYTV	24	11

>EGFR-S784Y RLLGICLTST	87	>EGFR-S784Y RLLGICLTYT	72	15
>EGFR-S784Y RLLGICLTSTV	19	>EGFR-S784Y RLLGICLTYTV	14	5
>EGFR-S784Y RLLGICLTST	95	>EGFR-S784Y RLLGICLTYT	25	70
>EGFR-S784Y RLLGICLTSTV	2	>EGFR-S784Y RLLGICLTYTV	2	0
>EGFR-S784Y RLLGICLTSTV	5	>EGFR-S784Y RLLGICLTYTV	4	1
>EGFR-S784Y RLLGICLTST	401	>EGFR-S784Y RLLGICLTYT	105	296
>EGFR-S784Y RLLGICLTSTV	5	>EGFR-S784Y RLLGICLTYTV	5	0
>EGFR-S784Y RLLGICLTST	658	>EGFR-S784Y RLLGICLTYT	139	519
>EGFR-S784Y RLLGICLTSTV	2	>EGFR-S784Y RLLGICLTYTV	2	0
>EGFR-S784Y RLLGICLTST	34	>EGFR-S784Y RLLGICLTYT	31	3
>EGFR-S784Y RLLGICLTSTV	2	>EGFR-S784Y RLLGICLTYTV	2	0
>EGFR-S784Y RLLGICLTS	10974	>EGFR-S784Y RLLGICLTY	87	10887
>EGFR-S784Y RLLGICLTS	9060	>EGFR-S784Y RLLGICLTY	9	9051
>EGFR-S784Y RLLGICLTS	18545	>EGFR-S784Y RLLGICLTY	84	18461
>EGFR-S784Y RLLGICLTS	163	>EGFR-S784Y RLLGICLTY	8	155
>EGFR-S784Y RLLGICLTST	360	>EGFR-S784Y RLLGICLTYT	2080	1720
>EGFR-S784Y RLLGICLTSTV	23	>EGFR-S784Y RLLGICLTYTV	9	14
>EGFR-S784Y RLLGICLTSTV	779	>EGFR-S784Y RLLGICLTYTV	390	389
>EGFR-S784Y RLLGICLTS	18141	>EGFR-S784Y RLLGICLTY	6	18135
>EGFR-S784Y RLLGICLTS	12504	>EGFR-S784Y RLLGICLTY	108	12396
>EGFR-S784Y RLLGICLTS	14389	>EGFR-S784Y RLLGICLTY	242	14147
>EGFR-S784Y RLLGICLTS	13929	>EGFR-S784Y RLLGICLTY	53	13876
>EGFR-S784Y RLLGICLTS	6341	>EGFR-S784Y RLLGICLTY	46	6295
>EGFR-S784Y RLLGICLTSTV	241	>EGFR-S784Y RLLGICLTYTV	2039	1798
>EGFR-S784Y RLLGICLTS	29282	>EGFR-S784Y RLLGICLTY	278	29004
>EGFR-S784Y CRLLGICLTS	15417	>EGFR-S784Y CRLLGICLTY	404	15013
>EGFR-S784Y CRLLGICLTS	999	>EGFR-S784Y CRLLGICLTY	21	978
>EGFR-S811F SQYLLNWCV	52	>EGFR-S811F FQYLLNWCV	50	2
>EGFR-S811F SQYLLNWCV	19	>EGFR-S811F FQYLLNWCV	8	11
>EGFR-S811F SQYLLNWCV	221	>EGFR-S811F FQYLLNWCV	29	192
>EGFR-S811F SQYLLNWCV	85	>EGFR-S811F FQYLLNWCV	8	77
>EGFR-S811F SQYLLNWCV	601	>EGFR-S811F FQYLLNWCV	33	568
>EGFR-S811F SQYLLNWCV	559	>EGFR-S811F FQYLLNWCV	50	509
>EGFR-S811F SQYLLNWCV	570	>EGFR-S811F FQYLLNWCV	65	505
>EGFR-S811F SQYLLNWC	418	>EGFR-S811F FQYLLNWC	51	367
>EGFR-S811F SQYLLNWCV	6	>EGFR-S811F FQYLLNWCV	3	3
>EGFR-S811F SQYLLNWCV	51	>EGFR-S811F FQYLLNWCV	10	41
>EGFR-S811F SQYLLNWCV	30	>EGFR-S811F FQYLLNWCV	7	23
>EGFR-S811F SQYLLNWCV	264	>EGFR-S811F FQYLLNWCV	46	218
>EGFR-S811F SQYLLNWCV	21	>EGFR-S811F FQYLLNWCV	6	15
>EGFR-S811F SQYLLNWCV	1622	>EGFR-S811F FQYLLNWCV	228	1394
>EGFR-S811F SQYLLNWCV	10	>EGFR-S811F FQYLLNWCV	7	3
>EGFR-S811F SQYLLNWCV	254	>EGFR-S811F FQYLLNWCV	113	141

>EGFR-S811FSQYLLNWCV	999	>EGFR-S811FFQYLLNWCV	38	961
>EGFR-S811FSQYLLNWCV	375	>EGFR-S811FFQYLLNWCV	56	319
>EGFR-S811FSQYLLNWCV	165	>EGFR-S811FFQYLLNWCV	1313	1148
>EGFR-S811FSQYLLNWCV	458	>EGFR-S811FFQYLLNWCV	97	361
>EGFR-S811FSQYLLNWCV	161	>EGFR-S811FFQYLLNWCV	39	122
>EGFR-S811FSQYLLNWCV	297	>EGFR-S811FFQYLLNWCV	41	256
>EGFR-S811FSQYLLNWCV	957	>EGFR-S811FFQYLLNWCV	149	808
>EGFR-S811FSQYLLNWCV	636	>EGFR-S811FFQYLLNWCV	320	316
>EGFR-S811FSQYLLNWCV	185	>EGFR-S811FFQYLLNWCV	115	70
>EGFR-S811FGSQYLLNW	14565	>EGFR-S811FGFQYLLNW	345	14220
>EGFR-S811FGSQYLLNW	17388	>EGFR-S811FGFQYLLNW	285	17103
>EGFR-S811FGSQYLLNW	29	>EGFR-S811FGFQYLLNW	13760	13731
>EGFR-S811FGSQYLLNW	328	>EGFR-S811FGFQYLLNW	22281	21953
>EGFR-S811FGSQYLLNW	47	>EGFR-S811FGFQYLLNW	5139	5092
>EGFR-S811FGSQYLLNWC	8507	>EGFR-S811FGFQYLLNWC	249	8258
>EGFR-S811FYVREHKDNIG	11488	>EGFR-S811FYVREHKDNIG	103	11385
>EGFR-S811FYVREHKDNIG	15700	>EGFR-S811FYVREHKDNIG	166	15534
>EGFR-S811FYVREHKDNIG	18763	>EGFR-S811FYVREHKDNIG	236	18527
>EGFR-S811FYVREHKDNIG	23233	>EGFR-S811FYVREHKDNIG	253	22980
>EGFR-S811FYVREHKDNIG	20072	>EGFR-S811FYVREHKDNIG	50	20022
>EGFR-S811FYVREHKDNIG	15471	>EGFR-S811FYVREHKDNIG	385	15086
>EGFR-S811FIGSQYLLNWC	936	>EGFR-S811FIGFQYLLNWC	450	486
>EGFR-S811FIGSQYLLNWC	1706	>EGFR-S811FIGFQYLLNWC	303	1403
>EGFR-S811FIGSQYLLNWC	3870	>EGFR-S811FIGFQYLLNWC	343	3527
>EGFR-S811FIGSQYLLNW	58	>EGFR-S811FIGFQYLLNW	23	35
>EGFR-S811FIGSQYLLNW	523	>EGFR-S811FIGFQYLLNW	131	392
>EGFR-S811FIGSQYLLNW	35	>EGFR-S811FIGFQYLLNW	29	6
>EGFR-S811FIGSQYLLNW	739	>EGFR-S811FIGFQYLLNW	368	371
>EGFR-S811FIGSQYLLNW	1048	>EGFR-S811FIGFQYLLNW	297	751
>EGFR-S811FNIGSQYLL	248	>EGFR-S811FNIGFQYLL	325	77
>EGFR-S811FDNIGSQYLL	620	>EGFR-S811FDNIGFQYLL	207	413
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>EGFR-S811FKDNIGSQYLL	329	>EGFR-S811FKDNIGFQYLL	312	17
>EGFR-S811FHKDNIGSQY	198	>EGFR-S811FHKDNIGFQY	779	581
>EGFR-S811FHKDNIGSQYL	372	>EGFR-S811FHKDNIGFQYL	449	77
>EGFR-S811FHKDNIGSQYL	71	>EGFR-S811FHKDNIGFQYL	60	11
>EGFR-S811FHKDNIGSQY	125	>EGFR-S811FHKDNIGFQY	2947	2822
>EGFR-S811FHKDNIGSQY	1019	>EGFR-S811FHKDNIGFQY	166	853
>EGFR-S811FREHKDNIGSC	1222	>EGFR-S811FREHKDNIGFC	310	912
>EGFR-S811FREHKDNIGSC	364	>EGFR-S811FREHKDNIGFC	630	266
>EGFR-S811FREHKDNIGS	18834	>EGFR-S811FREHKDNIGF	64	18770
>EGFR-S811FREHKDNIGSC	104	>EGFR-S811FREHKDNIGFC	275	171
>EGFR-S811FREHKDNIGSC	773	>EGFR-S811FREHKDNIGFC	319	454

>EGFR-S811FREHKDNIGS	1684	>EGFR-S811FREHKDNIGF	14	1670
>EGFR-S811FREHKDNIGS	1350	>EGFR-S811FREHKDNIGF	147	1203
>EGFR-S811FREHKDNIGS	7801	>EGFR-S811FREHKDNIGF	281	7520
>EGFR-S811FREHKDNIGSC	360	>EGFR-S811FREHKDNIGFC	188	172
>EGFR-S811FREHKDNIGS	394	>EGFR-S811FREHKDNIGF	1214	820
>EGFR-S811FREHKDNIGSC	362	>EGFR-S811FREHKDNIGFC	2996	2634
>EGFR-S811FREHKDNIGS	3482	>EGFR-S811FREHKDNIGF	137	3345
>EGFR-S921FSEISSILEK	1892	>EGFR-S921FREISSILEK	416	1476
>EGFR-S921FASEISSILEK	411	>EGFR-S921FAREISSILEK	5193	4782
>EGFR-S921FASEISSILEK	25	>EGFR-S921FAREISSILEK	2774	2749
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>EGFR-S921FASEISSIL	23	>EGFR-S921FAREISSIL	22436	22413
>EGFR-S921FASEISSIL	6357	>EGFR-S921FAREISSIL	173	6184
>EGFR-S921FASEISSILEK	91	>EGFR-S921FAREISSILEK	2920	2829
>EGFR-S921FGSKPYDGIPA	15902	>EGFR-S921FGSKPYDGIPA	46	15856
>EGFR-S921FPASEISSILEK	4297	>EGFR-S921FPAREISSILEK	21	4276
>EGFR-S921FIPASEISSI	87	>EGFR-S921FIPAREISSI	70	17
>EGFR-S921FIPASEISSIL	328	>EGFR-S921FIPAREISSIL	645	317
>EGFR-S921FIPASEISSIL	288	>EGFR-S921FIPAREISSIL	1185	897
>EGFR-S921FIPASEISSI	241	>EGFR-S921FIPAREISSI	274	33
>EGFR-S921FIPASEISSI	80	>EGFR-S921FIPAREISSI	208	128
>EGFR-S921FIPASEISSIL	238	>EGFR-S921FIPAREISSIL	174	64
>EGFR-S921FIPASEISSIL	289	>EGFR-S921FIPAREISSIL	454	165
>EGFR-S921FIPASEISSI	366	>EGFR-S921FIPAREISSI	533	167
>EGFR-S921FGIPASEISSI	227	>EGFR-S921FGIPAREISSI	582	355
>EGFR-S921FGIPASEISSI	121	>EGFR-S921FGIPAREISSI	216	95
>EGFR-S921FGIPASEISSIL	336	>EGFR-S921FGIPAREISSIL	1061	725
>EGFR-S921FYDGIPASEI	246	>EGFR-S921FYDGIPAREI	612	366
>EGFR-S921FPYDGIPAS	31805	>EGFR-S921FPYDGIPAR	347	31458
>EGFR-S921FKPYDGIPASEI	65	>EGFR-S921FKPYDGIPAREI	54	11
>EGFR-S921FKPYDGIPASEI	126	>EGFR-S921FKPYDGIPAREI	177	51
>EGFR-S921FKPYDGIPAS	304	>EGFR-S921FKPYDGIPAR	2286	1982
>EGFR-S921FKPYDGIPAS	24415	>EGFR-S921FKPYDGIPAR	86	24329
>EGFR-S921FKPYDGIPASEI	107	>EGFR-S921FKPYDGIPAREI	210	103
>EGFR-T263FTCPPLMLY	232	>EGFR-T263FPCPPLMLY	788	556
>EGFR-T263FTCPPLMLY	104	>EGFR-T263FPCPPLMLY	1423	1319
>EGFR-T263FDTCPPLMLY	477	>EGFR-T263FDPCPPLMLY	18986	18509
>EGFR-T263FDTCPPLMLY	142	>EGFR-T263FDPCPPLMLY	11121	10979
>EGFR-T263FDTCPPLML	285	>EGFR-T263FDPCPPLML	12381	12096
>EGFR-T263FDTCPPLMLY	10	>EGFR-T263FDPCPPLMLY	964	954
>EGFR-T263FDTCPPLMLY	41	>EGFR-T263FDPCPPLMLY	7059	7018
>EGFR-T263FDTCPPLMLY	30	>EGFR-T263FDPCPPLMLY	769	739
>EGFR-T263FDTCPPLMLY	257	>EGFR-T263FDPCPPLMLY	12990	12733

>EGFR-T263FDTCPPLMLY	191	>EGFR-T263FDPCPPLMLY	6202	6011
>EGFR-T263FDTCPPLML	276	>EGFR-T263FDPCPPLML	22989	22713
>EGFR-T263FDTCPPLMLY	65	>EGFR-T263FDPCPPLMLY	20829	20764
>EGFR-T263FDTCPPLMLY	8998	>EGFR-T263FDPCPPLMLY	376	8622
>EGFR-T263FDTCPPLMLY	84	>EGFR-T263FDPCPPLMLY	4636	4552
>EGFR-T263FDTCPPLMLY	223	>EGFR-T263FDPCPPLMLY	2416	2193
>EGFR-T263FKDTCPPMLY	230	>EGFR-T263FKDPCPPLMLY	1379	1149
>EGFR-T263FCKDTCPPMLI	98	>EGFR-T263FCKDPCPPLMI	112	14
>EGFR-T263FATCKDTCPPPL	399	>EGFR-T263FATCKDPCPPL	461	62
>EGFR-T263FATCKDTCPPPL	129	>EGFR-T263FATCKDPCPPL	263	134
>EGFR-T263FATCKDTCPPPL	48	>EGFR-T263FATCKDPCPPL	54	6
>EGFR-T263FATCKDTCPPPL	83	>EGFR-T263FATCKDPCPPL	73	10
>EGFR-T263FATCKDTCPPPL	195	>EGFR-T263FATCKDPCPPL	198	3
>EGFR-T263FEATCKDTCPP	345	>EGFR-T263FEATCKDPCPP	387	42
>EGFR-T263FEATCKDTCPP	492	>EGFR-T263FEATCKDPCPP	321	171
>EGFR-T263FEATCKDTCPP	408	>EGFR-T263FEATCKDPCPP	430	22
>EGFR-T273MYPNTYQM	172	>EGFR-T273MYPNTYQM	322	150
>EGFR-T273MLYNPTTYQM	414	>EGFR-T273MLYNPNTYQM	1167	753
>EGFR-T273MLYNPTTYQMI	132	>EGFR-T273MLYNPNTYQMI	98	34
>EGFR-T273MLYNPTTYQM	332	>EGFR-T273MLYNPNTYQM	217	115
>EGFR-T273MLYNPTTYQM	28	>EGFR-T273MLYNPNTYQM	20	8
>EGFR-T273MLYNPTTYQMI	165	>EGFR-T273MLYNPNTYQMI	117	48
>EGFR-T273MLYNPTTYQM	575	>EGFR-T273MLYNPNTYQM	425	150
>EGFR-T273MLYNPTTYQI	50	>EGFR-T273MLYNPNTYQI	76	26
>EGFR-T273MLYNPTTYQ	84	>EGFR-T273MLYNPNTYQ	167	83
>EGFR-T273MLYNPTTYQI	11	>EGFR-T273MLYNPNTYQI	15	4
>EGFR-T273MLYNPTTYQ	129	>EGFR-T273MLYNPNTYQ	476	347
>EGFR-T273MLYNPTTYQI	67	>EGFR-T273MLYNPNTYQI	115	48
>EGFR-T273MLYNPTTYQI	110	>EGFR-T273MLYNPNTYQI	253	143
>EGFR-T273MLYNPTTY	61	>EGFR-T273MLYNPNTY	111	50
>EGFR-T273MLYNPTTYQ	11	>EGFR-T273MLYNPNTYQ	20	9
>EGFR-T273MLYNPTTYQI	2	>EGFR-T273MLYNPNTYQI	3	1
>EGFR-T273MLYNPTTYQI	262	>EGFR-T273MLYNPNTYQI	306	44
>EGFR-T273MLYNPTTYQI	14	>EGFR-T273MLYNPNTYQI	21	7
>EGFR-T273MLYNPTTYQ	129	>EGFR-T273MLYNPNTYQ	410	281
>EGFR-T273MLYNPTTYQI	17	>EGFR-T273MLYNPNTYQI	28	11
>EGFR-T273MLYNPTTYQI	14	>EGFR-T273MLYNPNTYQI	30	16
>EGFR-T273MLYNPTTY	85	>EGFR-T273MLYNPNTY	310	225
>EGFR-T273MLYNPTTYQ	7	>EGFR-T273MLYNPNTYQ	12	5
>EGFR-T273MLYNPTTYQI	4	>EGFR-T273MLYNPNTYQI	5	1
>EGFR-T273MLYNPTTY	36	>EGFR-T273MLYNPNTY	55	19
>EGFR-T273MLYNPTTY	448	>EGFR-T273MLYNPNTY	684	236
>EGFR-T273MLYNPTTY	13	>EGFR-T273MLYNPNTY	16	3

>EGFR-T273 <sup>†</sup> MLYNPTTY	160	>EGFR-T273 <sup>†</sup> MLYNPNTY	57	103
>EGFR-T273 <sup>†</sup> MLYNPTTY	51	>EGFR-T273 <sup>†</sup> MLYNPNTY	93	42
>EGFR-T273 <sup>†</sup> MLYNPTTYQI	75	>EGFR-T273 <sup>†</sup> MLYNPNTYQ	136	61
>EGFR-T273 <sup>†</sup> MLYNPTTY	298	>EGFR-T273 <sup>†</sup> MLYNPNTY	391	93
>EGFR-T273 <sup>†</sup> MLYNPTTYQ	326	>EGFR-T273 <sup>†</sup> MLYNPNTYQ	504	178
>EGFR-T273 <sup>†</sup> MLYNPTTYQI	34	>EGFR-T273 <sup>†</sup> MLYNPNTYQ	54	20
>EGFR-T273 <sup>†</sup> MLYNPTTY	139	>EGFR-T273 <sup>†</sup> MLYNPNTY	350	211
>EGFR-T273 <sup>†</sup> MLYNPTTY	40	>EGFR-T273 <sup>†</sup> MLYNPNTY	50	10
>EGFR-T273 <sup>†</sup> MLYNPTTYQI	84	>EGFR-T273 <sup>†</sup> MLYNPNTYQ	107	23
>EGFR-T273 <sup>†</sup> MLYNPTTY	17	>EGFR-T273 <sup>†</sup> MLYNPNTY	16	1
>EGFR-T273 <sup>†</sup> MLYNPTTYQI	97	>EGFR-T273 <sup>†</sup> MLYNPNTYQ	87	10
>EGFR-T273 <sup>†</sup> MLYNPTTY	6	>EGFR-T273 <sup>†</sup> MLYNPNTY	7	1
>EGFR-T273 <sup>†</sup> MLYNPTTYQI	26	>EGFR-T273 <sup>†</sup> MLYNPNTYQ	35	9
>EGFR-T273 <sup>†</sup> MLYNPTTY	21	>EGFR-T273 <sup>†</sup> MLYNPNTY	69	48
>EGFR-T273 <sup>†</sup> MLYNPTTYQI	141	>EGFR-T273 <sup>†</sup> MLYNPNTYQ	171	30
>EGFR-T273 <sup>†</sup> MLYNPTTY	30	>EGFR-T273 <sup>†</sup> MLYNPNTY	39	9
>EGFR-T273 <sup>†</sup> MLYNPTTY	484	>EGFR-T273 <sup>†</sup> MLYNPNTY	514	30
>EGFR-T273 <sup>†</sup> LMLYNPTTYC	180	>EGFR-T273 <sup>†</sup> LMLYNPNTYC	81	99
>EGFR-T273 <sup>†</sup> LMLYNPTT	339	>EGFR-T273 <sup>†</sup> LMLYNPNT	494	155
>EGFR-T273 <sup>†</sup> LMLYNPTTYC	74	>EGFR-T273 <sup>†</sup> LMLYNPNTYC	96	22
>EGFR-T273 <sup>†</sup> LMLYNPTTYC	325	>EGFR-T273 <sup>†</sup> LMLYNPNTYC	274	51
>EGFR-T273 <sup>†</sup> LMLYNPTT	43	>EGFR-T273 <sup>†</sup> LMLYNPNT	130	87
>EGFR-T273 <sup>†</sup> LMLYNPTTYC	150	>EGFR-T273 <sup>†</sup> LMLYNPNTYC	250	100
>EGFR-T273 <sup>†</sup> LMLYNPTTYC	12	>EGFR-T273 <sup>†</sup> LMLYNPNTYC	13	1
>EGFR-T273 <sup>†</sup> LMLYNPTT	125	>EGFR-T273 <sup>†</sup> LMLYNPNT	431	306
>EGFR-T273 <sup>†</sup> LMLYNPTTYC	16	>EGFR-T273 <sup>†</sup> LMLYNPNTYC	11	5
>EGFR-T273 <sup>†</sup> LMLYNPTT	471	>EGFR-T273 <sup>†</sup> LMLYNPNT	865	394
>EGFR-T273 <sup>†</sup> LMLYNPTTYC	167	>EGFR-T273 <sup>†</sup> LMLYNPNTYC	252	85
>EGFR-T273 <sup>†</sup> LMLYNPTT	399	>EGFR-T273 <sup>†</sup> LMLYNPNT	624	225
>EGFR-T273 <sup>†</sup> LMLYNPTTYC	15	>EGFR-T273 <sup>†</sup> LMLYNPNTYC	17	2
>EGFR-T273 <sup>†</sup> LMLYNPTT	143	>EGFR-T273 <sup>†</sup> LMLYNPNT	410	267
>EGFR-T273 <sup>†</sup> LMLYNPTTYC	216	>EGFR-T273 <sup>†</sup> LMLYNPNTYC	569	353
>EGFR-T273 <sup>†</sup> LMLYNPTTYC	76	>EGFR-T273 <sup>†</sup> LMLYNPNTYC	107	31
>EGFR-T273 <sup>†</sup> LMLYNPTTY	10	>EGFR-T273 <sup>†</sup> LMLYNPNTY	10	0
>EGFR-T273 <sup>†</sup> LMLYNPTTYC	197	>EGFR-T273 <sup>†</sup> LMLYNPNTYC	181	16
>EGFR-T273 <sup>†</sup> LMLYNPTTY	71	>EGFR-T273 <sup>†</sup> LMLYNPNTY	18	53
>EGFR-T273 <sup>†</sup> LMLYNPTTY	90	>EGFR-T273 <sup>†</sup> LMLYNPNTY	199	109
>EGFR-T273 <sup>†</sup> LMLYNPTTYC	340	>EGFR-T273 <sup>†</sup> LMLYNPNTYC	411	71
>EGFR-T273 <sup>†</sup> LMLYNPTTY	66	>EGFR-T273 <sup>†</sup> LMLYNPNTY	91	25
>EGFR-T273 <sup>†</sup> LMLYNPTTYC	179	>EGFR-T273 <sup>†</sup> LMLYNPNTYC	246	67
>EGFR-T273 <sup>†</sup> LMLYNPTTY	92	>EGFR-T273 <sup>†</sup> LMLYNPNTY	85	7
>EGFR-T273 <sup>†</sup> LMLYNPTTY	4	>EGFR-T273 <sup>†</sup> LMLYNPNTY	5	1
>EGFR-T273 <sup>†</sup> LMLYNPTTYC	421	>EGFR-T273 <sup>†</sup> LMLYNPNTYC	497	76

>EGFR-T273M LMLYNPTTYC	18	>EGFR-T273M LMLYNPNTYC	24	6
>EGFR-T273M LMLYNPTTY	91	>EGFR-T273M LMLYNPNTY	726	635
>EGFR-T273M LMLYNPTTY	61	>EGFR-T273M LMLYNPNTY	71	10
>EGFR-T273M LMLYNPTTYC	378	>EGFR-T273M LMLYNPNTYC	339	39
>EGFR-T273M LMLYNPTTYC	486	>EGFR-T273M LMLYNPNTYC	915	429
>EGFR-T273M PLMLYNPTTY	105	>EGFR-T273M PLMLYNPNTY	256	151
>EGFR-T273M PLMLYNPTTY	266	>EGFR-T273M PLMLYNPNTY	162	104
>EGFR-T273M PPLMLYNPTT	69	>EGFR-T273M PPLMLYNPNT	100	31
>EGFR-T273M PPLMLYNPTT	199	>EGFR-T273M PPLMLYNPNT	311	112
>EGFR-T273M CPPLMLYNPT	107	>EGFR-T273M CPPLMLYNPN	373	266
>EGFR-T725/ TVYKGLWI	153	>EGFR-T725/ AVYKGLWI	89	64
>EGFR-T725/ TVYKGLWI	168	>EGFR-T725/ AVYKGLWI	89	79
>EGFR-T725/ TVYKGLWI	444	>EGFR-T725/ AVYKGLWI	110	334
>EGFR-T725/ TVYKGLWI	994	>EGFR-T725/ AVYKGLWI	299	695
>EGFR-T725/ TVYKGLWI	893	>EGFR-T725/ AVYKGLWI	151	742
>EGFR-T725/ TVYKGLWI	463	>EGFR-T725/ AVYKGLWI	6601	6138
>EGFR-T725/ TVYKGLWI	191	>EGFR-T725/ AVYKGLWI	1902	1711
>EGFR-T725/ TVYKGLWI	1937	>EGFR-T725/ AVYKGLWI	476	1461
>EGFR-T725/ TVYKGLWI	265	>EGFR-T725/ AVYKGLWI	152	113
>EGFR-T725/ GTVYKGLW	14	>EGFR-T725/ GAVYKGLW	100	86
>EGFR-T725/ GTVYKGLWI	24	>EGFR-T725/ GAVYKGLWI	396	372
>EGFR-T725/ GTVYKGLW	199	>EGFR-T725/ GAVYKGLW	322	123
>EGFR-T725/ GTVYKGLW	230	>EGFR-T725/ GAVYKGLW	279	49
>EGFR-T725/ GTVYKGLWI	118	>EGFR-T725/ GAVYKGLWI	1567	1449
>EGFR-T725/ GTVYKGLWI	166	>EGFR-T725/ GAVYKGLWI	849	683
>EGFR-T725/ FGTVYKGL	354	>EGFR-T725/ FGAVYKGL	691	337
>EGFR-T725/ FGTVYKGLW	393	>EGFR-T725/ FGAVYKGLW	173	220
>EGFR-T725/ FGTVYKGLW	29	>EGFR-T725/ FGAVYKGLW	39	10
>EGFR-T725/ AFGTVYKGL	152	>EGFR-T725/ AFGAVYKGL	77	75
>EGFR-T725/ AFGTVYKGLV	591	>EGFR-T725/ AFGAVYKGLV	350	241
>EGFR-T725/ AFGTVYKGLV	249	>EGFR-T725/ AFGAVYKGLV	149	100
>EGFR-T725/ GAFGTVYKGI	372	>EGFR-T725/ GAFGAVYKGI	506	134
>EGFR-T725/ GAFGTVYK	122	>EGFR-T725/ GAFGAVYK	133	11
>EGFR-T725/ GAFGTVYK	9	>EGFR-T725/ GAFGAVYK	11	2
>EGFR-T725/ GAFGTVYK	98	>EGFR-T725/ GAFGAVYK	151	53
>EGFR-T725/ GAFGTVYK	222	>EGFR-T725/ GAFGAVYK	563	341
>EGFR-T725/ GAFGTVYK	23	>EGFR-T725/ GAFGAVYK	24	1
>EGFR-T725/ GAFGTVYKGI	158	>EGFR-T725/ GAFGAVYKGI	168	10
>EGFR-T725/ GAFGTVYKGI	38	>EGFR-T725/ GAFGAVYKGI	63	25
>EGFR-T725/ GAFGTVYKGI	456	>EGFR-T725/ GAFGAVYKGI	660	204
>EGFR-T725/ GAFGTVYKGI	46	>EGFR-T725/ GAFGAVYKGI	45	1
>EGFR-T725/ GAFGTVYKGI	34	>EGFR-T725/ GAFGAVYKGI	43	9
>EGFR-T725/ GAFGTVYKGI	279	>EGFR-T725/ GAFGAVYKGI	483	204

>EGFR-T725/GAFGTVYKGI	33	>EGFR-T725/GAFGAVYKGI	33	0
>EGFR-T725/GAFGTVYK	150	>EGFR-T725/GAFGAVYK	226	76
>EGFR-T725/SGAFGTVYK	49	>EGFR-T725/SGAFGAVYK	83	34
>EGFR-T725/SGAFGTVY	580	>EGFR-T725/SGAFGAVY	394	186
>EGFR-T725/SGAFGTVY	87	>EGFR-T725/SGAFGAVY	39	48
>EGFR-T725/SGAFGTVYK	178	>EGFR-T725/SGAFGAVYK	220	42
>EGFR-T725/SGAFGTVY	188	>EGFR-T725/SGAFGAVY	225	37
>EGFR-T725/SGAFGTVY	460	>EGFR-T725/SGAFGAVY	460	0
>EGFR-T725/SGAFGTVYK	342	>EGFR-T725/SGAFGAVYK	571	229
>EGFR-T725/GSGAFGTVYK	46	>EGFR-T725/GSGAFGAVYK	65	19
>EGFR-T725/GSGAFGTVYK	29	>EGFR-T725/GSGAFGAVYK	38	9
>EGFR-T725/GSGAFGTVY	827	>EGFR-T725/GSGAFGAVY	384	443
>EGFR-T725/GSGAFGTVY	432	>EGFR-T725/GSGAFGAVY	76	356
>EGFR-T725/GSGAFGTVYK	224	>EGFR-T725/GSGAFGAVYK	251	27
>EGFR-T725/GSGAFGTVY	78	>EGFR-T725/GSGAFGAVY	66	12
>EGFR-T725/GSGAFGTVY	349	>EGFR-T725/GSGAFGAVY	675	326
>EGFR-T725/GSGAFGTVY	62	>EGFR-T725/GSGAFGAVY	28	34
>EGFR-T725/GSGAFGTVY	11	>EGFR-T725/GSGAFGAVY	22	11
>EGFR-T725/GSGAFGTVYK	337	>EGFR-T725/GSGAFGAVYK	493	156
>EGFR-T725/LGSGAFGTVY	125	>EGFR-T725/LGSGAFGAVY	131	6
>EGFR-T725/LGSGAFGTVY	478	>EGFR-T725/LGSGAFGAVY	170	308
>EGFR-T725/LGSGAFGTVY	93	>EGFR-T725/LGSGAFGAVY	84	9
>EGFR-T725/LGSGAFGTVY	94	>EGFR-T725/LGSGAFGAVY	95	1
>EGFR-T725/VLGSAGFGT	2098	>EGFR-T725/VLGSAGFGA	299	1799
>EGFR-T725/VLGSAGFGTV	73	>EGFR-T725/VLGSAGFGA\	110	37
>EGFR-T725/VLGSAGFGT	3530	>EGFR-T725/VLGSAGFGA	474	3056
>EGFR-T725/VLGSAGFGTV	41	>EGFR-T725/VLGSAGFGA\	55	14
>EGFR-T725/VLGSAGFGT	1992	>EGFR-T725/VLGSAGFGA	132	1860
>EGFR-T725/VLGSAGFGTV	21	>EGFR-T725/VLGSAGFGA\	25	4
>EGFR-T725/VLGSAGFGT	827	>EGFR-T725/VLGSAGFGA	95	732
>EGFR-T725/VLGSAGFGT	68	>EGFR-T725/VLGSAGFGA	11	57
>EGFR-T725/VLGSAGFGTV	3	>EGFR-T725/VLGSAGFGA\	3	0
>EGFR-T725/VLGSAGFGT	505	>EGFR-T725/VLGSAGFGA	26	479
>EGFR-T725/VLGSAGFGTV	7	>EGFR-T725/VLGSAGFGA\	9	2
>EGFR-T725/VLGSAGFGT	103	>EGFR-T725/VLGSAGFGA	12	91
>EGFR-T725/VLGSAGFGTV	7	>EGFR-T725/VLGSAGFGA\	11	4
>EGFR-T725/VLGSAGFGT	75	>EGFR-T725/VLGSAGFGA	10	65
>EGFR-T725/VLGSAGFGTV	5	>EGFR-T725/VLGSAGFGA\	8	3
>EGFR-T725/VLGSAGFGT	14	>EGFR-T725/VLGSAGFGA	4	10
>EGFR-T725/VLGSAGFGTV	2	>EGFR-T725/VLGSAGFGA\	2	0
>EGFR-T725/VLGSAGFGTV	64	>EGFR-T725/VLGSAGFGA\	41	23
>EGFR-T725/VLGSAGFGTV	54	>EGFR-T725/VLGSAGFGA\	20	34
>EGFR-T725/VLGSAGFGTV	26	>EGFR-T725/VLGSAGFGA\	28	2



>EGFR-T725/VLGSGAFGTV	73	>EGFR-T725/VLGSGAFGA\	68	5
>EGFR-T725/VLGSGAFGTV	87	>EGFR-T725/VLGSGAFGA\	70	17
>EGFR-T725/VLGSGAFGTV	421	>EGFR-T725/VLGSGAFGA\	690	269
>EGFR-T725/VLGSGAFGTV	227	>EGFR-T725/VLGSGAFGA\	422	195
>EGFR-T725/KVLGSGAFGT	294	>EGFR-T725/KVLGSGAFG\	358	64
>EGFR-T725/KVLGSGAFGT	123	>EGFR-T725/KVLGSGAFG\	113	10
>EGFR-T725/KVLGSGAFGT	602	>EGFR-T725/KVLGSGAFG\	180	422
>EGFR-T725/KVLGSGAFGT	9	>EGFR-T725/KVLGSGAFG\	9	0
>EGFR-T725/KVLGSGAFGT	1193	>EGFR-T725/KVLGSGAFG\	152	1041
>EGFR-T725/KVLGSGAFGT	12	>EGFR-T725/KVLGSGAFG\	16	4
>EGFR-T725/KVLGSGAFGT	78	>EGFR-T725/KVLGSGAFG\	148	70
>EGFR-T725/KVLGSGAFGT	2425	>EGFR-T725/KVLGSGAFG\	239	2186
>EGFR-T725/KVLGSGAFGT	28	>EGFR-T725/KVLGSGAFG\	68	40
>EGFR-T725/KVLGSGAFGT	176	>EGFR-T725/KVLGSGAFG\	285	109
>EGFR-T725/KVLGSGAFGT	4594	>EGFR-T725/KVLGSGAFG\	496	4098
>EGFR-T725/KVLGSGAFGT	15	>EGFR-T725/KVLGSGAFG\	34	19
>EGFR-T725/KVLGSGAFGT	2433	>EGFR-T725/KVLGSGAFG\	132	2301
>EGFR-T725/KVLGSGAFGT	76	>EGFR-T725/KVLGSGAFG\	76	0
>EGFR-T725/KVLGSGAFGT	324	>EGFR-T725/KVLGSGAFG\	227	97
>EGFR-T725\TVYKGLWI	1110	>EGFR-T725\MVYKGLWI	112	998
>EGFR-T725\TVYKGLWI	1940	>EGFR-T725\MVYKGLWI	199	1741
>EGFR-T725\TVYKGLWI	153	>EGFR-T725\MVYKGLWI	30	123
>EGFR-T725\TVYKGLWI	168	>EGFR-T725\MVYKGLWI	34	134
>EGFR-T725\TVYKGLWIP	2650	>EGFR-T725\MVYKGLWIP	430	2220
>EGFR-T725\TVYKGLWI	444	>EGFR-T725\MVYKGLWI	43	401
>EGFR-T725\TVYKGLWI	994	>EGFR-T725\MVYKGLWI	233	761
>EGFR-T725\TVYKGLWI	893	>EGFR-T725\MVYKGLWI	77	816
>EGFR-T725\TVYKGLWI	463	>EGFR-T725\MVYKGLWI	126	337
>EGFR-T725\TVYKGLWI	191	>EGFR-T725\MVYKGLWI	133	58
>EGFR-T725\TVYKGLWI	1937	>EGFR-T725\MVYKGLWI	228	1709
>EGFR-T725\TVYKGLWI	265	>EGFR-T725\MVYKGLWI	62	203
>EGFR-T725\GTVYKGLWI	3261	>EGFR-T725\GMVYKGLWI	109	3152
>EGFR-T725\GTVYKGLWI	13114	>EGFR-T725\GMVYKGLWI	323	12791
>EGFR-T725\GTVYKGLWI	15455	>EGFR-T725\GMVYKGLWI	469	14986
>EGFR-T725\GTVYKGLW	14	>EGFR-T725\GMVYKGLW	766	752
>EGFR-T725\GTVYKGLWI	24	>EGFR-T725\GMVYKGLWI	5773	5749
>EGFR-T725\GTVYKGLW	199	>EGFR-T725\GMVYKGLW	3297	3098
>EGFR-T725\GTVYKGLW	230	>EGFR-T725\GMVYKGLW	1139	909
>EGFR-T725\GTVYKGLWI	118	>EGFR-T725\GMVYKGLWI	6311	6193
>EGFR-T725\GTVYKGLWI	166	>EGFR-T725\GMVYKGLWI	7731	7565
>EGFR-T725\IKVLGSGAFG	10776	>EGFR-T725\IKVLGSGAFG	232	10544
>EGFR-T725\FGTVYKGL	354	>EGFR-T725\FGMVYKGL	51	303
>EGFR-T725\FGTVYKGLW	393	>EGFR-T725\FGMVYKGLM	120	273

>EGFR-T725MFGTVYKGLW	29	>EGFR-T725MFGMVYKGLM	148	119
>EGFR-T725MAFGTVYKGL	152	>EGFR-T725MAFGMVYKGL	180	28
>EGFR-T725MAFGTVYKGLV	249	>EGFR-T725MAFGMVYKGL'	240	9
>EGFR-T725MGAFGTVYKGL	372	>EGFR-T725MGAFGMVYKG	679	307
>EGFR-T725MGAFGTVYK	122	>EGFR-T725MGAFGMVYK	110	12
>EGFR-T725MGAFGTVYK	9	>EGFR-T725MGAFGMVYK	8	1
>EGFR-T725MGAFGTVYK	98	>EGFR-T725MGAFGMVYK	230	132
>EGFR-T725MGAFGTVYK	222	>EGFR-T725MGAFGMVYK	121	101
>EGFR-T725MGAFGTVYK	23	>EGFR-T725MGAFGMVYK	22	1
>EGFR-T725MGAFGTVYKGL	158	>EGFR-T725MGAFGMVYKG	176	18
>EGFR-T725MGAFGTVYKGL	38	>EGFR-T725MGAFGMVYKG	65	27
>EGFR-T725MGAFGTVYKGL	456	>EGFR-T725MGAFGMVYKG	300	156
>EGFR-T725MGAFGTVYKGL	46	>EGFR-T725MGAFGMVYKG	53	7
>EGFR-T725MGAFGTVYKGL	34	>EGFR-T725MGAFGMVYKG	44	10
>EGFR-T725MGAFGTVYKGL	279	>EGFR-T725MGAFGMVYKG	273	6
>EGFR-T725MGAFGTVYKGL	603	>EGFR-T725MGAFGMVYKG	448	155
>EGFR-T725MGAFGTVYKGL	33	>EGFR-T725MGAFGMVYKG	38	5
>EGFR-T725MGAFGTVYK	150	>EGFR-T725MGAFGMVYK	107	43
>EGFR-T725MSGAFGTVYK	49	>EGFR-T725MSGAFGMVYK	42	7
>EGFR-T725MSGAFGTVY	580	>EGFR-T725MSGAFGMVY	293	287
>EGFR-T725MSGAFGTVY	87	>EGFR-T725MSGAFGMVY	70	17
>EGFR-T725MSGAFGTVYK	178	>EGFR-T725MSGAFGMVYK	245	67
>EGFR-T725MSGAFGTVY	188	>EGFR-T725MSGAFGMVY	266	78
>EGFR-T725MSGAFGTVY	460	>EGFR-T725MSGAFGMVY	624	164
>EGFR-T725MSGAFGTVYK	342	>EGFR-T725MSGAFGMVYK	175	167
>EGFR-T725MSGAFGTVY	1885	>EGFR-T725MSGAFGMVY	431	1454
>EGFR-T725MSGAFGTVYk	46	>EGFR-T725MSGAFGMVY	36	10
>EGFR-T725MSGAFGTVYk	29	>EGFR-T725MSGAFGMVY	23	6
>EGFR-T725MSGAFGTVY	827	>EGFR-T725MSGAFGMVY	236	591
>EGFR-T725MSGAFGTVYk	711	>EGFR-T725MSGAFGMVY	444	267
>EGFR-T725MSGAFGTVY	432	>EGFR-T725MSGAFGMVY	372	60
>EGFR-T725MSGAFGTVYk	224	>EGFR-T725MSGAFGMVY	302	78
>EGFR-T725MSGAFGTVY	3452	>EGFR-T725MSGAFGMVY	307	3145
>EGFR-T725MSGAFGTVY	78	>EGFR-T725MSGAFGMVY	87	9
>EGFR-T725MSGAFGTVY	349	>EGFR-T725MSGAFGMVY	261	88
>EGFR-T725MSGAFGTVY	62	>EGFR-T725MSGAFGMVY	76	14
>EGFR-T725MSGAFGTVY	11	>EGFR-T725MSGAFGMVY	25	14
>EGFR-T725MSGAFGTVYk	337	>EGFR-T725MSGAFGMVY	192	145
>EGFR-T725LGSGAFGTVY	559	>EGFR-T725LGSGAFGMV	442	117
>EGFR-T725LGSGAFGTVY	125	>EGFR-T725LGSGAFGMV	98	27
>EGFR-T725LGSGAFGTVY	478	>EGFR-T725LGSGAFGMV	697	219
>EGFR-T725LGSGAFGTVY	93	>EGFR-T725LGSGAFGMV	109	16
>EGFR-T725LGSGAFGTVY	94	>EGFR-T725LGSGAFGMV	80	14

>EGFR-T725 <sup>M</sup> VLGSGAFGTV	73	>EGFR-T725 <sup>M</sup> VLGSGAFGM	167	94
>EGFR-T725 <sup>M</sup> VLGSGAFGTV	41	>EGFR-T725 <sup>M</sup> VLGSGAFGM	74	33
>EGFR-T725 <sup>M</sup> VLGSGAFGTV	21	>EGFR-T725 <sup>M</sup> VLGSGAFGM	43	22
>EGFR-T725 <sup>M</sup> VLGSGAFGT	827	>EGFR-T725 <sup>M</sup> VLGSGAFGM	407	420
>EGFR-T725 <sup>M</sup> VLGSGAFGT	68	>EGFR-T725 <sup>M</sup> VLGSGAFGM	21	47
>EGFR-T725 <sup>M</sup> VLGSGAFGTV	3	>EGFR-T725 <sup>M</sup> VLGSGAFGM	3	0
>EGFR-T725 <sup>M</sup> VLGSGAFGT	505	>EGFR-T725 <sup>M</sup> VLGSGAFGM	54	451
>EGFR-T725 <sup>M</sup> VLGSGAFGTV	7	>EGFR-T725 <sup>M</sup> VLGSGAFGM	24	17
>EGFR-T725 <sup>M</sup> VLGSGAFGT	103	>EGFR-T725 <sup>M</sup> VLGSGAFGM	33	70
>EGFR-T725 <sup>M</sup> VLGSGAFGTV	7	>EGFR-T725 <sup>M</sup> VLGSGAFGM	8	1
>EGFR-T725 <sup>M</sup> VLGSGAFGT	75	>EGFR-T725 <sup>M</sup> VLGSGAFGM	11	64
>EGFR-T725 <sup>M</sup> VLGSGAFGTV	5	>EGFR-T725 <sup>M</sup> VLGSGAFGM	8	3
>EGFR-T725 <sup>M</sup> VLGSGAFGT	14	>EGFR-T725 <sup>M</sup> VLGSGAFGM	10	4
>EGFR-T725 <sup>M</sup> VLGSGAFGTV	2	>EGFR-T725 <sup>M</sup> VLGSGAFGM	2	0
>EGFR-T725 <sup>M</sup> VLGSGAFGTV	64	>EGFR-T725 <sup>M</sup> VLGSGAFGM	31	33
>EGFR-T725 <sup>M</sup> VLGSGAFGTV	54	>EGFR-T725 <sup>M</sup> VLGSGAFGM	48	6
>EGFR-T725 <sup>M</sup> VLGSGAFGTV	26	>EGFR-T725 <sup>M</sup> VLGSGAFGM	9	17
>EGFR-T725 <sup>M</sup> VLGSGAFGTV	73	>EGFR-T725 <sup>M</sup> VLGSGAFGM	77	4
>EGFR-T725 <sup>M</sup> VLGSGAFGTV	87	>EGFR-T725 <sup>M</sup> VLGSGAFGM	90	3
>EGFR-T725 <sup>M</sup> VLGSGAFGTV	421	>EGFR-T725 <sup>M</sup> VLGSGAFGM	364	57
>EGFR-T725 <sup>M</sup> VLGSGAFGTV	227	>EGFR-T725 <sup>M</sup> VLGSGAFGM	395	168
>EGFR-T725 <sup>M</sup> KVLGSGAFGT	294	>EGFR-T725 <sup>M</sup> KVLGSGAFGM	351	57
>EGFR-T725 <sup>M</sup> KVLGSGAFGT	123	>EGFR-T725 <sup>M</sup> KVLGSGAFGM	190	67
>EGFR-T725 <sup>M</sup> KVLGSGAFGT	602	>EGFR-T725 <sup>M</sup> KVLGSGAFGM	461	141
>EGFR-T725 <sup>M</sup> KVLGSGAFGT	9	>EGFR-T725 <sup>M</sup> KVLGSGAFGM	15	6
>EGFR-T725 <sup>M</sup> KVLGSGAFGT	1193	>EGFR-T725 <sup>M</sup> KVLGSGAFGM	369	824
>EGFR-T725 <sup>M</sup> KVLGSGAFGT	12	>EGFR-T725 <sup>M</sup> KVLGSGAFGM	15	3
>EGFR-T725 <sup>M</sup> KVLGSGAFGT	78	>EGFR-T725 <sup>M</sup> KVLGSGAFGM	541	463
>EGFR-T725 <sup>M</sup> KVLGSGAFGT	28	>EGFR-T725 <sup>M</sup> KVLGSGAFGM	36	8
>EGFR-T725 <sup>M</sup> KVLGSGAFGT	2780	>EGFR-T725 <sup>M</sup> KVLGSGAFGM	449	2331
>EGFR-T725 <sup>M</sup> KVLGSGAFGT	176	>EGFR-T725 <sup>M</sup> KVLGSGAFGM	333	157
>EGFR-T725 <sup>M</sup> KVLGSGAFGT	15	>EGFR-T725 <sup>M</sup> KVLGSGAFGM	31	16
>EGFR-T725 <sup>M</sup> KVLGSGAFGT	22273	>EGFR-T725 <sup>M</sup> KVLGSGAFGM	485	21788
>EGFR-T725 <sup>M</sup> KVLGSGAFGT	2433	>EGFR-T725 <sup>M</sup> KVLGSGAFGM	384	2049
>EGFR-T725 <sup>M</sup> KVLGSGAFGT	76	>EGFR-T725 <sup>M</sup> KVLGSGAFGM	144	68
>EGFR-T725 <sup>M</sup> KVLGSGAFGT	324	>EGFR-T725 <sup>M</sup> KVLGSGAFGM	157	167
>EGFR-T725 <sup>M</sup> KVLGSGAFGT	3039	>EGFR-T725 <sup>M</sup> KVLGSGAFGM	10	3029
>EGFR-T725 <sup>M</sup> KVLGSGAFGT	16776	>EGFR-T725 <sup>M</sup> KVLGSGAFGM	294	16482
>EGFR-T751I TSPKANKEI	54	>EGFR-T751I ISPKANKEI	34	20
>EGFR-T751I TSPKANKEIL	9	>EGFR-T751I ISPKANKEIL	7	2
>EGFR-T751I TSPKANKEI	159	>EGFR-T751I ISPKANKEI	131	28
>EGFR-T751I ATSPKANKEII	1788	>EGFR-T751I AISPKANKEIL	423	1365
>EGFR-T751I ATSPKANKEII	6461	>EGFR-T751I AISPKANKEIL	338	6123

>EGFR-T751I ATSPKANK	145	>EGFR-T751I AISPANK	104	41
>EGFR-T751I ATSPKANK	29	>EGFR-T751I AISPANK	44	15
>EGFR-T751I ATSPKANK	36	>EGFR-T751I AISPANK	196	160
>EGFR-T751I ATSPKANK	389	>EGFR-T751I AISPANK	1551	1162
>EGFR-T751I ATSPKANK	445	>EGFR-T751I AISPANK	2395	1950
>EGFR-T751I ATSPKANKEI	35	>EGFR-T751I AISPKANKEI	5742	5707
>EGFR-T751I ATSPKANKEII	55	>EGFR-T751I AISPKANKEIL	6618	6563
>EGFR-T751I ATSPKANKEII	468	>EGFR-T751I AISPKANKEIL	18979	18511
>EGFR-T751I ATSPKANKEI	347	>EGFR-T751I AISPKANKEI	11693	11346
>EGFR-T751I ATSPKANKEII	295	>EGFR-T751I AISPKANKEIL	8967	8672
>EGFR-T751I ATSPKANK	121	>EGFR-T751I AISPANK	2153	2032
>EGFR-T751I EATSPKANK	18	>EGFR-T751I EAISPANK	15	3
>EGFR-T751I EATSPKANKE	158	>EGFR-T751I EAISPANKEI	53	105
>EGFR-T751I EATSPKANKE	549	>EGFR-T751I EAISPANKEI	126	423
>EGFR-T751I REATSPKA	39	>EGFR-T751I REAISPKA	35	4
>EGFR-T751I ELREATSPKA	122	>EGFR-T751I ELREAISPKA	73	49
>EGFR-T751I ELREATSPK	226	>EGFR-T751I ELREAISP	253	27
>EGFR-T751I ELREATSPK	86	>EGFR-T751I ELREAISP	142	56
>EGFR-T751I ELREATSPK	517	>EGFR-T751I ELREAISP	257	260
>EGFR-T751I ELREATSPK	139	>EGFR-T751I ELREAISP	197	58
>EGFR-T751I KELREATSPK/	449	>EGFR-T751I KELREAISPKA	317	132
>EGFR-T751I KELREATSPK/	71	>EGFR-T751I KELREAISPKA	52	19
>EGFR-T751I KELREATSPK/	319	>EGFR-T751I KELREAISPKA	216	103
>EGFR-T783I TSTVQLITQLM	1030	>EGFR-T783I ISTVQLITQLM	461	569
>EGFR-T783I TSTVQLITQL	59	>EGFR-T783I ISTVQLITQL	11	48
>EGFR-T783I TSTVQLITQLM	239	>EGFR-T783I ISTVQLITQLM	32	207
>EGFR-T783I TSTVQLITQL	2635	>EGFR-T783I ISTVQLITQL	309	2326
>EGFR-T783I TSTVQLITQLM	1269	>EGFR-T783I ISTVQLITQLM	174	1095
>EGFR-T783I TSTVQLITQL	474	>EGFR-T783I ISTVQLITQL	359	115
>EGFR-T783I TSTVQLITQLM	203	>EGFR-T783I ISTVQLITQLM	140	63
>EGFR-T783I TSTVQLITQL	253	>EGFR-T783I ISTVQLITQL	412	159
>EGFR-T783I TSTVQLITQLM	171	>EGFR-T783I ISTVQLITQLM	43	128
>EGFR-T783I LTSTVQLI	302	>EGFR-T783I LISTVQLI	73	229
>EGFR-T783I LTSTVQLITQL	119	>EGFR-T783I LISTVQLITQL	31	88
>EGFR-T783I LTSTVQLI	791	>EGFR-T783I LISTVQLI	119	672
>EGFR-T783I LTSTVQLITQL	931	>EGFR-T783I LISTVQLITQL	138	793
>EGFR-T783I LTSTVQLI	9868	>EGFR-T783I LISTVQLI	429	9439
>EGFR-T783I LTSTVQLITQL	1934	>EGFR-T783I LISTVQLITQL	40	1894
>EGFR-T783I LTSTVQLI	123	>EGFR-T783I LISTVQLI	998	875
>EGFR-T783I LTSTVQLITQL	223	>EGFR-T783I LISTVQLITQL	1779	1556
>EGFR-T783I LTSTVQLITQL	49	>EGFR-T783I LISTVQLITQL	8336	8287
>EGFR-T783I LTSTVQLI	80	>EGFR-T783I LISTVQLI	1264	1184
>EGFR-T783I LTSTVQLITQL	78	>EGFR-T783I LISTVQLITQL	1342	1264

>EGFR-T783I LTSTVQLITQL	117	>EGFR-T783I LISTVQLITQL	10990	10873
>EGFR-T783I LTSTVQLITQL	30	>EGFR-T783I LISTVQLITQL	1157	1127
>EGFR-T783I LTSTVQLI	32	>EGFR-T783I LISTVQLI	3490	3458
>EGFR-T783I LTSTVQLITQL	298	>EGFR-T783I LISTVQLITQL	16307	16009
>EGFR-T783I HVCRLLGICLT	5094	>EGFR-T783I HVCRLLGICLI	328	4766
>EGFR-T783I CLTSTVQL	835	>EGFR-T783I CLISTVQL	115	720
>EGFR-T783I CLTSTVQLI	809	>EGFR-T783I CLISTVQLI	121	688
>EGFR-T783I CLTSTVQL	75	>EGFR-T783I CLISTVQL	40	35
>EGFR-T783I CLTSTVQLI	187	>EGFR-T783I CLISTVQLI	102	85
>EGFR-T783I CLTSTVQL	312	>EGFR-T783I CLISTVQL	64	248
>EGFR-T783I CLTSTVQLI	73	>EGFR-T783I CLISTVQLI	17	56
>EGFR-T783I CLTSTVQL	143	>EGFR-T783I CLISTVQL	45	98
>EGFR-T783I CLTSTVQLI	103	>EGFR-T783I CLISTVQLI	33	70
>EGFR-T783I CLTSTVQL	364	>EGFR-T783I CLISTVQL	68	296
>EGFR-T783I CLTSTVQLI	316	>EGFR-T783I CLISTVQLI	57	259
>EGFR-T783I CLTSTVQL	227	>EGFR-T783I CLISTVQL	333	106
>EGFR-T783I CLTSTVQLI	272	>EGFR-T783I CLISTVQLI	493	221
>EGFR-T783I CLTSTVQL	77	>EGFR-T783I CLISTVQL	110	33
>EGFR-T783I CLTSTVQLI	301	>EGFR-T783I CLISTVQLI	452	151
>EGFR-T783I CLTSTVQL	7	>EGFR-T783I CLISTVQL	11	4
>EGFR-T783I CLTSTVQLI	25	>EGFR-T783I CLISTVQLI	47	22
>EGFR-T783I GICLTSTV	1157	>EGFR-T783I GICLISTV	478	679
>EGFR-T783I GICLTSTV	138	>EGFR-T783I GICLISTV	97	41
>EGFR-T783I GICLTSTV	858	>EGFR-T783I GICLISTV	454	404
>EGFR-T783I GICLTSTV	122	>EGFR-T783I GICLISTV	72	50
>EGFR-T783I GICLTSTV	314	>EGFR-T783I GICLISTV	267	47
>EGFR-T783I GICLTSTV	38	>EGFR-T783I GICLISTV	30	8
>EGFR-T783I LGICLTSTV	518	>EGFR-T783I LGICLISTV	153	365
>EGFR-T783I LGICLTSTV	256	>EGFR-T783I LGICLISTV	284	28
>EGFR-T783I LLGICLTSTV	63	>EGFR-T783I LLGICLISTV	42	21
>EGFR-T783I LLGICLTST	415	>EGFR-T783I LLGICLIST	1213	798
>EGFR-T783I LLGICLTSTV	17	>EGFR-T783I LLGICLISTV	20	3
>EGFR-T783I LLGICLTST	295	>EGFR-T783I LLGICLIST	1654	1359
>EGFR-T783I LLGICLTSTV	14	>EGFR-T783I LLGICLISTV	16	2
>EGFR-T783I LLGICLTSTV	98	>EGFR-T783I LLGICLISTV	70	28
>EGFR-T783I LLGICLTSTV	4	>EGFR-T783I LLGICLISTV	3	1
>EGFR-T783I LLGICLTSTV	5	>EGFR-T783I LLGICLISTV	4	1
>EGFR-T783I LLGICLTSTV	9	>EGFR-T783I LLGICLISTV	8	1
>EGFR-T783I LLGICLTSTV	6	>EGFR-T783I LLGICLISTV	5	1
>EGFR-T783I LLGICLTST	30	>EGFR-T783I LLGICLIST	37	7
>EGFR-T783I LLGICLTSTV	2	>EGFR-T783I LLGICLISTV	2	0
>EGFR-T783I LLGICLTSTVQ	272	>EGFR-T783I LLGICLISTVQ	299	27
>EGFR-T783I RLLGICLT	229	>EGFR-T783I RLLGICLI	21	208

>EGFR-T783I RLLGICLTST	73	>EGFR-T783I RLLGICLIST	47	26
>EGFR-T783I RLLGICLTSTV	15	>EGFR-T783I RLLGICLISTV	14	1
>EGFR-T783I RLLGICLT	582	>EGFR-T783I RLLGICLI	58	524
>EGFR-T783I RLLGICLTST	207	>EGFR-T783I RLLGICLIST	204	3
>EGFR-T783I RLLGICLTSTV	29	>EGFR-T783I RLLGICLISTV	39	10
>EGFR-T783I RLLGICLT	800	>EGFR-T783I RLLGICLI	61	739
>EGFR-T783I RLLGICLTST	52	>EGFR-T783I RLLGICLIST	89	37
>EGFR-T783I RLLGICLTSTV	13	>EGFR-T783I RLLGICLISTV	13	0
>EGFR-T783I RLLGICLT	310	>EGFR-T783I RLLGICLI	37	273
>EGFR-T783I RLLGICLTST	87	>EGFR-T783I RLLGICLIST	66	21
>EGFR-T783I RLLGICLTSTV	19	>EGFR-T783I RLLGICLISTV	15	4
>EGFR-T783I RLLGICLT	35	>EGFR-T783I RLLGICLI	4	31
>EGFR-T783I RLLGICLTST	95	>EGFR-T783I RLLGICLIST	82	13
>EGFR-T783I RLLGICLTSTV	2	>EGFR-T783I RLLGICLISTV	2	0
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>EGFR-T783I RLLGICLTSTV	5	>EGFR-T783I RLLGICLISTV	5	0
>EGFR-T783I RLLGICLT	112	>EGFR-T783I RLLGICLI	11	101
>EGFR-T783I RLLGICLTST	401	>EGFR-T783I RLLGICLIST	323	78
>EGFR-T783I RLLGICLTSTV	5	>EGFR-T783I RLLGICLISTV	5	0
>EGFR-T783I RLLGICLT	541	>EGFR-T783I RLLGICLI	13	528
>EGFR-T783I RLLGICLTSTV	2	>EGFR-T783I RLLGICLISTV	3	1
>EGFR-T783I RLLGICLT	30	>EGFR-T783I RLLGICLI	7	23
>EGFR-T783I RLLGICLTST	34	>EGFR-T783I RLLGICLIST	55	21
>EGFR-T783I RLLGICLTSTV	2	>EGFR-T783I RLLGICLISTV	2	0
>EGFR-T783I RLLGICLT	2775	>EGFR-T783I RLLGICLI	26	2749
>EGFR-T783I RLLGICLTS	163	>EGFR-T783I RLLGICLIS	1764	1601
>EGFR-T783I RLLGICLTST	360	>EGFR-T783I RLLGICLIST	573	213
>EGFR-T783I RLLGICLTSTV	23	>EGFR-T783I RLLGICLISTV	61	38
>EGFR-T783I RLLGICLTSTV	241	>EGFR-T783I RLLGICLISTV	261	20
>EGFR-T783I CRLLGICLT	2932	>EGFR-T783I CRLLGICLI	251	2681
>EGFR-T783I CRLLGICLT	5670	>EGFR-T783I CRLLGICLI	166	5504
>EGFR-T783I CRLLGICLTS	577	>EGFR-T783I CRLLGICLIS	462	115
>EGFR-T785/TVQLITQL	2592	>EGFR-T785/AVQLITQL	389	2203
>EGFR-T785/TVQLITQLMP	469	>EGFR-T785/AVQLITQLMF	546	77
>EGFR-T785/TVQLITQL	1534	>EGFR-T785/AVQLITQL	410	1124
>EGFR-T785/TVQLITQLMP	188	>EGFR-T785/AVQLITQLMF	62	126
>EGFR-T785/TVQLITQL	217	>EGFR-T785/AVQLITQL	5560	5343
>EGFR-T785/TVQLITQLMP	651	>EGFR-T785/AVQLITQLMF	251	400
>EGFR-T785/TVQLITQLM	410	>EGFR-T785/AVQLITQLM	321	89
>EGFR-T785/STVQLITQL	788	>EGFR-T785/SAVQLITQL	73	715
>EGFR-T785/STVQLITQL	339	>EGFR-T785/SAVQLITQL	937	598
>EGFR-T785/STVQLITQL	408	>EGFR-T785/SAVQLITQL	662	254
>EGFR-T785/STVQLITQ	371	>EGFR-T785/SAVQLITQ	11433	11062

>EGFR-T785/STVQLITQL	64	>EGFR-T785/SAVQLITQL	1998	1934
>EGFR-T785/STVQLITQLM	18	>EGFR-T785/SAVQLITQLM	1193	1175
>EGFR-T785/STVQLITQLM	139	>EGFR-T785/SAVQLITQLM	5057	4918
>EGFR-T785/STVQLITQL	116	>EGFR-T785/SAVQLITQL	1569	1453
>EGFR-T785/STVQLITQLM	296	>EGFR-T785/SAVQLITQLM	2248	1952
>EGFR-T785/STVQLITQL	222	>EGFR-T785/SAVQLITQL	1347	1125
>EGFR-T785/STVQLITQL	7	>EGFR-T785/SAVQLITQL	32	25
>EGFR-T785/STVQLITQLM	18	>EGFR-T785/SAVQLITQLM	162	144
>EGFR-T785/STVQLITQL	170	>EGFR-T785/SAVQLITQL	1841	1671
>EGFR-T785/STVQLITQLM	72	>EGFR-T785/SAVQLITQLM	885	813
>EGFR-T785/STVQLITQL	17	>EGFR-T785/SAVQLITQL	344	327
>EGFR-T785/STVQLITQLM	24	>EGFR-T785/SAVQLITQLM	640	616
>EGFR-T785/STVQLITQL	249	>EGFR-T785/SAVQLITQL	2329	2080
>EGFR-T785/TSTVQLITQL	59	>EGFR-T785/TSAVQLITQL	37	22
>EGFR-T785/TSTVQLITQLM	239	>EGFR-T785/TSAVQLITQLI	168	71
>EGFR-T785/TSTVQLITQL	474	>EGFR-T785/TSAVQLITQL	653	179
>EGFR-T785/TSTVQLITQLM	203	>EGFR-T785/TSAVQLITQLI	310	107
>EGFR-T785/TSTVQLITQL	253	>EGFR-T785/TSAVQLITQL	375	122
>EGFR-T785/TSTVQLITQLM	171	>EGFR-T785/TSAVQLITQLI	168	3
>EGFR-T785/LTSTVQLI	302	>EGFR-T785/LTSAVQLI	101	201
>EGFR-T785/LTSTVQLITQL	119	>EGFR-T785/LTSAVQLITQL	54	65
>EGFR-T785/LTSTVQLI	791	>EGFR-T785/LTSAVQLI	483	308
>EGFR-T785/LTSTVQLI	123	>EGFR-T785/LTSAVQLI	56	67
>EGFR-T785/LTSTVQLITQL	223	>EGFR-T785/LTSAVQLITQL	129	94
>EGFR-T785/LTSTVQLI	715	>EGFR-T785/LTSAVQLI	373	342
>EGFR-T785/LTSTVQLITQL	49	>EGFR-T785/LTSAVQLITQL	24	25
>EGFR-T785/LTSTVQLI	80	>EGFR-T785/LTSAVQLI	50	30
>EGFR-T785/LTSTVQLITQL	78	>EGFR-T785/LTSAVQLITQL	43	35
>EGFR-T785/LTSTVQLITQL	117	>EGFR-T785/LTSAVQLITQL	92	25
>EGFR-T785/LTSTVQLI	717	>EGFR-T785/LTSAVQLI	311	406
>EGFR-T785/LTSTVQLITQL	30	>EGFR-T785/LTSAVQLITQL	38	8
>EGFR-T785/LTSTVQLI	32	>EGFR-T785/LTSAVQLI	30	2
>EGFR-T785/LTSTVQLITQL	298	>EGFR-T785/LTSAVQLITQL	260	38
>EGFR-T785/CLTSTVQL	75	>EGFR-T785/CLTSAVQL	58	17
>EGFR-T785/CLTSTVQLI	187	>EGFR-T785/CLTSAVQLI	53	134
>EGFR-T785/CLTSTVQL	312	>EGFR-T785/CLTSAVQL	393	81
>EGFR-T785/CLTSTVQLI	73	>EGFR-T785/CLTSAVQLI	55	18
>EGFR-T785/CLTSTVQL	143	>EGFR-T785/CLTSAVQL	292	149
>EGFR-T785/CLTSTVQLI	103	>EGFR-T785/CLTSAVQLI	227	124
>EGFR-T785/CLTSTVQL	364	>EGFR-T785/CLTSAVQL	845	481
>EGFR-T785/CLTSTVQLI	316	>EGFR-T785/CLTSAVQLI	697	381
>EGFR-T785/CLTSTVQL	227	>EGFR-T785/CLTSAVQL	331	104
>EGFR-T785/CLTSTVQLI	272	>EGFR-T785/CLTSAVQLI	341	69

>EGFR-T785/CLTSTVQL	77	>EGFR-T785/CLTSAVQL	137	60
>EGFR-T785/CLTSTVQLI	301	>EGFR-T785/CLTSAVQLI	231	70
>EGFR-T785/CLTSTVQL	7	>EGFR-T785/CLTSAVQL	9	2
>EGFR-T785/CLTSTVQLI	25	>EGFR-T785/CLTSAVQLI	27	2
>EGFR-T785/GICLTSTV	138	>EGFR-T785/GICLTSVAV	111	27
>EGFR-T785/GICLTSTV	858	>EGFR-T785/GICLTSVAV	421	437
>EGFR-T785/GICLTSTV	122	>EGFR-T785/GICLTSVAV	138	16
>EGFR-T785/GICLTSTV	314	>EGFR-T785/GICLTSVAV	969	655
>EGFR-T785/GICLTSTV	38	>EGFR-T785/GICLTSVAV	83	45
>EGFR-T785/LGICLTSTV	713	>EGFR-T785/LGICLTSVAV	308	405
>EGFR-T785/LGICLTSTV	256	>EGFR-T785/LGICLTSVAV	1189	933
>EGFR-T785/LLGICLTST	1769	>EGFR-T785/LLGICLTSVAV	210	1559
>EGFR-T785/LLGICLTSTV	63	>EGFR-T785/LLGICLTSVAV	92	29
>EGFR-T785/LLGICLTST	415	>EGFR-T785/LLGICLTSVAV	67	348
>EGFR-T785/LLGICLTSTV	17	>EGFR-T785/LLGICLTSVAV	20	3
>EGFR-T785/LLGICLTST	295	>EGFR-T785/LLGICLTSVAV	24	271
>EGFR-T785/LLGICLTSTV	14	>EGFR-T785/LLGICLTSVAV	15	1
>EGFR-T785/LLGICLTSTV	98	>EGFR-T785/LLGICLTSVAV	87	11
>EGFR-T785/LLGICLTST	1639	>EGFR-T785/LLGICLTSVAV	226	1413
>EGFR-T785/LLGICLTSTV	4	>EGFR-T785/LLGICLTSVAV	4	0
>EGFR-T785/LLGICLTSTV	5	>EGFR-T785/LLGICLTSVAV	6	1
>EGFR-T785/LLGICLTST	4277	>EGFR-T785/LLGICLTSVAV	467	3810
>EGFR-T785/LLGICLTSTV	9	>EGFR-T785/LLGICLTSVAV	14	5
>EGFR-T785/LLGICLTSTV	6	>EGFR-T785/LLGICLTSVAV	7	1
>EGFR-T785/LLGICLTST	30	>EGFR-T785/LLGICLTSVAV	6	24
>EGFR-T785/LLGICLTSTV	2	>EGFR-T785/LLGICLTSVAV	2	0
>EGFR-T785/LLGICLTSTVQ	272	>EGFR-T785/LLGICLTSVAVC	203	69
>EGFR-T785/RLLGICLTST	73	>EGFR-T785/RLLGICLTSVAV	30	43
>EGFR-T785/RLLGICLTSTV	15	>EGFR-T785/RLLGICLTSVAV	14	1
>EGFR-T785/RLLGICLTST	207	>EGFR-T785/RLLGICLTSVAV	71	136
>EGFR-T785/RLLGICLTSTV	29	>EGFR-T785/RLLGICLTSVAV	15	14
>EGFR-T785/RLLGICLTST	52	>EGFR-T785/RLLGICLTSVAV	25	27
>EGFR-T785/RLLGICLTSTV	13	>EGFR-T785/RLLGICLTSVAV	9	4
>EGFR-T785/RLLGICLTST	87	>EGFR-T785/RLLGICLTSVAV	39	48
>EGFR-T785/RLLGICLTSTV	19	>EGFR-T785/RLLGICLTSVAV	11	8
>EGFR-T785/RLLGICLTST	95	>EGFR-T785/RLLGICLTSVAV	17	78
>EGFR-T785/RLLGICLTSTV	2	>EGFR-T785/RLLGICLTSVAV	2	0
>EGFR-T785/RLLGICLTST	2200	>EGFR-T785/RLLGICLTSVAV	170	2030
>EGFR-T785/RLLGICLTSTV	5	>EGFR-T785/RLLGICLTSVAV	5	0
>EGFR-T785/RLLGICLTST	401	>EGFR-T785/RLLGICLTSVAV	31	370
>EGFR-T785/RLLGICLTSTV	5	>EGFR-T785/RLLGICLTSVAV	6	1
>EGFR-T785/RLLGICLTST	658	>EGFR-T785/RLLGICLTSVAV	66	592
>EGFR-T785/RLLGICLTSTV	2	>EGFR-T785/RLLGICLTSVAV	3	1



>EGFR-T785/RLLGICLTST	34	>EGFR-T785/RLLGICLTSA	7	27
>EGFR-T785/RLLGICLTSTV	2	>EGFR-T785/RLLGICLTSAV	2	0
>EGFR-T785/RLLGICLTST	360	>EGFR-T785/RLLGICLTSA	284	76
>EGFR-T785/RLLGICLTSTV	23	>EGFR-T785/RLLGICLTSAV	38	15
>EGFR-T785/RLLGICLTSTV	241	>EGFR-T785/RLLGICLTSAV	1040	799
>EGFR-T785I TVQLITQLMP	469	>EGFR-T785I IVQLITQLMP	2682	2213
>EGFR-T785I TVQLITQLMP	188	>EGFR-T785I IVQLITQLMP	137	51
>EGFR-T785I TVQLITQL	217	>EGFR-T785I IVQLITQL	3322	3105
>EGFR-T785I TVQLITQLMP	651	>EGFR-T785I IVQLITQLMP	297	354
>EGFR-T785I TVQLITQLMP	2354	>EGFR-T785I IVQLITQLMP	452	1902
>EGFR-T785I TVQLITQLMP	2000	>EGFR-T785I IVQLITQLMP	336	1664
>EGFR-T785I TVQLITQLM	410	>EGFR-T785I IVQLITQLM	95	315
>EGFR-T785I STVQLITQL	339	>EGFR-T785I SIVQLITQL	92	247
>EGFR-T785I STVQLITQL	907	>EGFR-T785I SIVQLITQL	111	796
>EGFR-T785I STVQLITQL	408	>EGFR-T785I SIVQLITQL	159	249
>EGFR-T785I STVQLITQL	706	>EGFR-T785I SIVQLITQL	138	568
>EGFR-T785I STVQLITQL	1896	>EGFR-T785I SIVQLITQL	199	1697
>EGFR-T785I STVQLITQL	1041	>EGFR-T785I SIVQLITQL	18	1023
>EGFR-T785I STVQLITQ	371	>EGFR-T785I SIVQLITQ	2523	2152
>EGFR-T785I STVQLITQL	64	>EGFR-T785I SIVQLITQL	404	340
>EGFR-T785I STVQLITQLM	18	>EGFR-T785I SIVQLITQLM	149	131
>EGFR-T785I STVQLITQLM	139	>EGFR-T785I SIVQLITQLM	1972	1833
>EGFR-T785I STVQLITQL	116	>EGFR-T785I SIVQLITQL	1410	1294
>EGFR-T785I STVQLITQLM	296	>EGFR-T785I SIVQLITQLM	1734	1438
>EGFR-T785I STVQLITQL	222	>EGFR-T785I SIVQLITQL	1120	898
>EGFR-T785I STVQLITQL	7	>EGFR-T785I SIVQLITQL	1825	1818
>EGFR-T785I STVQLITQLM	18	>EGFR-T785I SIVQLITQLM	4889	4871
>EGFR-T785I STVQLITQL	170	>EGFR-T785I SIVQLITQL	11108	10938
>EGFR-T785I STVQLITQLM	72	>EGFR-T785I SIVQLITQLM	7020	6948
>EGFR-T785I STVQLITQL	17	>EGFR-T785I SIVQLITQL	711	694
>EGFR-T785I STVQLITQLM	24	>EGFR-T785I SIVQLITQLM	453	429
>EGFR-T785I STVQLITQL	249	>EGFR-T785I SIVQLITQL	18159	17910
>EGFR-T785I CRLLGICLTST	3056	>EGFR-T785I CRLLGICLTSA	282	2774
>EGFR-T785I CRLLGICLTST	10605	>EGFR-T785I CRLLGICLTSA	406	10199
>EGFR-T785I TSTVQLITQLM	1030	>EGFR-T785I TSIVQLITQLM	197	833
>EGFR-T785I TSTVQLITQL	4835	>EGFR-T785I TSIVQLITQL	262	4573
>EGFR-T785I TSTVQLITQLM	2515	>EGFR-T785I TSIVQLITQLM	90	2425
>EGFR-T785I TSTVQLITQL	59	>EGFR-T785I TSIVQLITQL	20	39
>EGFR-T785I TSTVQLITQLM	239	>EGFR-T785I TSIVQLITQLM	73	166
>EGFR-T785I TSTVQLITQL	474	>EGFR-T785I TSIVQLITQL	3031	2557
>EGFR-T785I TSTVQLITQLM	203	>EGFR-T785I TSIVQLITQLM	1625	1422
>EGFR-T785I TSTVQLITQL	253	>EGFR-T785I TSIVQLITQL	672	419
>EGFR-T785I TSTVQLITQLM	171	>EGFR-T785I TSIVQLITQLM	326	155

>EGFR-T785I LTSTVQLI	302	>EGFR-T785I LTSIVQLI	289	13
>EGFR-T785I LTSTVQLITQL	119	>EGFR-T785I LTSIVQLITQL	218	99
>EGFR-T785I LTSTVQLI	123	>EGFR-T785I LTSIVQLI	156	33
>EGFR-T785I LTSTVQLITQL	223	>EGFR-T785I LTSIVQLITQL	507	284
>EGFR-T785I LTSTVQLI	715	>EGFR-T785I LTSIVQLI	319	396
>EGFR-T785I LTSTVQLITQL	49	>EGFR-T785I LTSIVQLITQL	18	31
>EGFR-T785I LTSTVQLI	80	>EGFR-T785I LTSIVQLI	114	34
>EGFR-T785I LTSTVQLITQL	78	>EGFR-T785I LTSIVQLITQL	101	23
>EGFR-T785I LTSTVQLITQL	117	>EGFR-T785I LTSIVQLITQL	117	0
>EGFR-T785I LTSTVQLITQ	785	>EGFR-T785I LTSIVQLITQ	431	354
>EGFR-T785I LTSTVQLITQL	30	>EGFR-T785I LTSIVQLITQL	49	19
>EGFR-T785I LTSTVQLI	32	>EGFR-T785I LTSIVQLI	27	5
>EGFR-T785I LTSTVQLITQL	298	>EGFR-T785I LTSIVQLITQL	183	115
>EGFR-T785I CLTSTVQL	835	>EGFR-T785I CLTSIVQL	272	563
>EGFR-T785I CLTSTVQLI	809	>EGFR-T785I CLTSIVQLI	263	546
>EGFR-T785I CLTSTVQL	75	>EGFR-T785I CLTSIVQL	29	46
>EGFR-T785I CLTSTVQLI	187	>EGFR-T785I CLTSIVQLI	23	164
>EGFR-T785I CLTSTVQL	312	>EGFR-T785I CLTSIVQL	205	107
>EGFR-T785I CLTSTVQLI	73	>EGFR-T785I CLTSIVQLI	49	24
>EGFR-T785I CLTSTVQL	143	>EGFR-T785I CLTSIVQL	80	63
>EGFR-T785I CLTSTVQLI	103	>EGFR-T785I CLTSIVQLI	109	6
>EGFR-T785I CLTSTVQL	364	>EGFR-T785I CLTSIVQL	468	104
>EGFR-T785I CLTSTVQLI	316	>EGFR-T785I CLTSIVQLI	568	252
>EGFR-T785I CLTSTVQL	227	>EGFR-T785I CLTSIVQL	191	36
>EGFR-T785I CLTSTVQLI	272	>EGFR-T785I CLTSIVQLI	350	78
>EGFR-T785I CLTSTVQL	77	>EGFR-T785I CLTSIVQL	51	26
>EGFR-T785I CLTSTVQLI	301	>EGFR-T785I CLTSIVQLI	153	148
>EGFR-T785I CLTSTVQL	7	>EGFR-T785I CLTSIVQL	5	2
>EGFR-T785I CLTSTVQLI	25	>EGFR-T785I CLTSIVQLI	24	1
>EGFR-T785I GICLTSTV	138	>EGFR-T785I GICLTSIV	321	183
>EGFR-T785I GICLTSTV	122	>EGFR-T785I GICLTSIV	768	646
>EGFR-T785I GICLTSTV	314	>EGFR-T785I GICLTSIV	917	603
>EGFR-T785I GICLTSTV	38	>EGFR-T785I GICLTSIV	142	104
>EGFR-T785I LGICLTSTV	256	>EGFR-T785I LGICLTSIV	370	114
>EGFR-T785I LGICLTST	33622	>EGFR-T785I LGICLTSI	347	33275
>EGFR-T785I LLGICLTST	1769	>EGFR-T785I LLGICLTSI	88	1681
>EGFR-T785I LLGICLTSTV	63	>EGFR-T785I LLGICLTSIV	245	182
>EGFR-T785I LLGICLTST	415	>EGFR-T785I LLGICLTSI	61	354
>EGFR-T785I LLGICLTSTV	17	>EGFR-T785I LLGICLTSIV	39	22
>EGFR-T785I LLGICLTST	295	>EGFR-T785I LLGICLTSI	25	270
>EGFR-T785I LLGICLTSTV	14	>EGFR-T785I LLGICLTSIV	30	16
>EGFR-T785I LLGICLTST	3049	>EGFR-T785I LLGICLTSI	412	2637
>EGFR-T785I LLGICLTSTV	98	>EGFR-T785I LLGICLTSIV	253	155

>EGFR-T785I LLGICLTST	1639	>EGFR-T785I LLGICLTSI	52	1587
>EGFR-T785I LLGICLTSTV	4	>EGFR-T785I LLGICLTSIV	14	10
>EGFR-T785I LLGICLTST	5717	>EGFR-T785I LLGICLTSI	87	5630
>EGFR-T785I LLGICLTSTV	5	>EGFR-T785I LLGICLTSIV	9	4
>EGFR-T785I LLGICLTST	4277	>EGFR-T785I LLGICLTSI	198	4079
>EGFR-T785I LLGICLTSTV	9	>EGFR-T785I LLGICLTSIV	16	7
>EGFR-T785I LLGICLTST	6957	>EGFR-T785I LLGICLTSI	171	6786
>EGFR-T785I LLGICLTSTV	6	>EGFR-T785I LLGICLTSIV	13	7
>EGFR-T785I LLGICLTST	30	>EGFR-T785I LLGICLTSI	6	24
>EGFR-T785I LLGICLTSTV	2	>EGFR-T785I LLGICLTSIV	2	0
>EGFR-T785I LLGICLTSTVQ	272	>EGFR-T785I LLGICLTSIVQ	316	44
>EGFR-T785I RLLGICLTST	73	>EGFR-T785I RLLGICLTSI	19	54
>EGFR-T785I RLLGICLTSTV	15	>EGFR-T785I RLLGICLTSIV	24	9
>EGFR-T785I RLLGICLTST	207	>EGFR-T785I RLLGICLTSI	42	165
>EGFR-T785I RLLGICLTSTV	29	>EGFR-T785I RLLGICLTSIV	39	10
>EGFR-T785I RLLGICLTST	52	>EGFR-T785I RLLGICLTSI	18	34
>EGFR-T785I RLLGICLTSTV	13	>EGFR-T785I RLLGICLTSIV	15	2
>EGFR-T785I RLLGICLTST	87	>EGFR-T785I RLLGICLTSI	35	52
>EGFR-T785I RLLGICLTSTV	19	>EGFR-T785I RLLGICLTSIV	23	4
>EGFR-T785I RLLGICLTST	95	>EGFR-T785I RLLGICLTSI	7	88
>EGFR-T785I RLLGICLTSTV	2	>EGFR-T785I RLLGICLTSIV	3	1
>EGFR-T785I RLLGICLTST	2200	>EGFR-T785I RLLGICLTSI	36	2164
>EGFR-T785I RLLGICLTSTV	5	>EGFR-T785I RLLGICLTSIV	7	2
>EGFR-T785I RLLGICLTST	401	>EGFR-T785I RLLGICLTSI	19	382
>EGFR-T785I RLLGICLTSTV	5	>EGFR-T785I RLLGICLTSIV	6	1
>EGFR-T785I RLLGICLTST	658	>EGFR-T785I RLLGICLTSI	16	642
>EGFR-T785I RLLGICLTSTV	2	>EGFR-T785I RLLGICLTSIV	3	1
>EGFR-T785I RLLGICLTST	34	>EGFR-T785I RLLGICLTSI	7	27
>EGFR-T785I RLLGICLTSTV	2	>EGFR-T785I RLLGICLTSIV	3	1
>EGFR-T785I RLLGICLTST	360	>EGFR-T785I RLLGICLTSI	10	350
>EGFR-T785I RLLGICLTSTV	23	>EGFR-T785I RLLGICLTSIV	115	92
>EGFR-T785I RLLGICLTSTV	241	>EGFR-T785I RLLGICLTSIV	374	133
>EGFR-T785I TVQLITQLMP	469	>EGFR-T785I NVQLITQLMFI	1158	689
>EGFR-T785I TVQLITQLMP	188	>EGFR-T785I NVQLITQLMFI	812	624
>EGFR-T785I TVQLITQL	217	>EGFR-T785I NVQLITQL	317	100
>EGFR-T785I TVQLITQLM	410	>EGFR-T785I NVQLITQLM	1468	1058
>EGFR-T785I STVQLITQL	339	>EGFR-T785I SNVQLITQL	4014	3675
>EGFR-T785I STVQLITQL	408	>EGFR-T785I SNVQLITQL	13670	13262
>EGFR-T785I STVQLITQ	371	>EGFR-T785I SNVQLITQ	22518	22147
>EGFR-T785I STVQLITQL	64	>EGFR-T785I SNVQLITQL	12172	12108
>EGFR-T785I STVQLITQLM	18	>EGFR-T785I SNVQLITQLM	7344	7326
>EGFR-T785I STVQLITQLM	139	>EGFR-T785I SNVQLITQLM	5661	5522
>EGFR-T785I STVQLITQL	116	>EGFR-T785I SNVQLITQL	10169	10053

>EGFR-T785 <sup>†</sup> STVQLITQLM	296	>EGFR-T785 <sup>†</sup> SNVQLITQLM	11536	11240
>EGFR-T785 <sup>†</sup> STVQLITQL	222	>EGFR-T785 <sup>†</sup> SNVQLITQL	13485	13263
>EGFR-T785 <sup>†</sup> STVQLITQL	7	>EGFR-T785 <sup>†</sup> SNVQLITQL	12925	12918
>EGFR-T785 <sup>†</sup> STVQLITQLM	18	>EGFR-T785 <sup>†</sup> SNVQLITQLM	16977	16959
>EGFR-T785 <sup>†</sup> STVQLITQL	170	>EGFR-T785 <sup>†</sup> SNVQLITQL	14629	14459
>EGFR-T785 <sup>†</sup> STVQLITQLM	72	>EGFR-T785 <sup>†</sup> SNVQLITQLM	10593	10521
>EGFR-T785 <sup>†</sup> STVQLITQL	17	>EGFR-T785 <sup>†</sup> SNVQLITQL	849	832
>EGFR-T785 <sup>†</sup> STVQLITQLM	24	>EGFR-T785 <sup>†</sup> SNVQLITQLM	2422	2398
>EGFR-T785 <sup>†</sup> STVQLITQL	249	>EGFR-T785 <sup>†</sup> SNVQLITQL	8742	8493
>EGFR-T785 <sup>†</sup> TSTVQLITQL	59	>EGFR-T785 <sup>†</sup> TSNVQLITQL	63	4
>EGFR-T785 <sup>†</sup> TSTVQLITQLM	239	>EGFR-T785 <sup>†</sup> TSNVQLITQLI	294	55
>EGFR-T785 <sup>†</sup> TSTVQLITQL	474	>EGFR-T785 <sup>†</sup> TSNVQLITQL	2847	2373
>EGFR-T785 <sup>†</sup> TSTVQLITQLM	203	>EGFR-T785 <sup>†</sup> TSNVQLITQLI	1519	1316
>EGFR-T785 <sup>†</sup> TSTVQLITQL	253	>EGFR-T785 <sup>†</sup> TSNVQLITQL	1867	1614
>EGFR-T785 <sup>†</sup> TSTVQLITQLM	171	>EGFR-T785 <sup>†</sup> TSNVQLITQLI	337	166
>EGFR-T785 <sup>†</sup> LTSTVQLI	302	>EGFR-T785 <sup>†</sup> LTSNVQLI	306	4
>EGFR-T785 <sup>†</sup> LTSTVQLITQL	119	>EGFR-T785 <sup>†</sup> LTSNVQLITQI	121	2
>EGFR-T785 <sup>†</sup> LTSTVQLI	123	>EGFR-T785 <sup>†</sup> LTSNVQLI	148	25
>EGFR-T785 <sup>†</sup> LTSTVQLITQL	223	>EGFR-T785 <sup>†</sup> LTSNVQLITQI	317	94
>EGFR-T785 <sup>†</sup> LTSTVQLITQL	49	>EGFR-T785 <sup>†</sup> LTSNVQLITQI	42	7
>EGFR-T785 <sup>†</sup> LTSTVQLI	80	>EGFR-T785 <sup>†</sup> LTSNVQLI	127	47
>EGFR-T785 <sup>†</sup> LTSTVQLITQL	78	>EGFR-T785 <sup>†</sup> LTSNVQLITQI	105	27
>EGFR-T785 <sup>†</sup> LTSTVQLITQL	117	>EGFR-T785 <sup>†</sup> LTSNVQLITQI	220	103
>EGFR-T785 <sup>†</sup> LTSTVQLITQL	30	>EGFR-T785 <sup>†</sup> LTSNVQLITQI	17	13
>EGFR-T785 <sup>†</sup> LTSTVQLI	32	>EGFR-T785 <sup>†</sup> LTSNVQLI	28	4
>EGFR-T785 <sup>†</sup> LTSTVQLITQL	298	>EGFR-T785 <sup>†</sup> LTSNVQLITQI	219	79
>EGFR-T785 <sup>†</sup> CLTSTVQL	75	>EGFR-T785 <sup>†</sup> CLTSNVQL	75	0
>EGFR-T785 <sup>†</sup> CLTSTVQLI	187	>EGFR-T785 <sup>†</sup> CLTSNVQLI	143	44
>EGFR-T785 <sup>†</sup> CLTSTVQL	312	>EGFR-T785 <sup>†</sup> CLTSNVQL	552	240
>EGFR-T785 <sup>†</sup> CLTSTVQLI	73	>EGFR-T785 <sup>†</sup> CLTSNVQLI	73	0
>EGFR-T785 <sup>†</sup> CLTSTVQL	143	>EGFR-T785 <sup>†</sup> CLTSNVQL	177	34
>EGFR-T785 <sup>†</sup> CLTSTVQLI	103	>EGFR-T785 <sup>†</sup> CLTSNVQLI	89	14
>EGFR-T785 <sup>†</sup> CLTSTVQL	364	>EGFR-T785 <sup>†</sup> CLTSNVQL	338	26
>EGFR-T785 <sup>†</sup> CLTSTVQLI	316	>EGFR-T785 <sup>†</sup> CLTSNVQLI	116	200
>EGFR-T785 <sup>†</sup> CLTSTVQL	227	>EGFR-T785 <sup>†</sup> CLTSNVQL	634	407
>EGFR-T785 <sup>†</sup> CLTSTVQLI	272	>EGFR-T785 <sup>†</sup> CLTSNVQLI	762	490
>EGFR-T785 <sup>†</sup> CLTSTVQL	77	>EGFR-T785 <sup>†</sup> CLTSNVQL	146	69
>EGFR-T785 <sup>†</sup> CLTSTVQLI	301	>EGFR-T785 <sup>†</sup> CLTSNVQLI	210	91
>EGFR-T785 <sup>†</sup> CLTSTVQL	7	>EGFR-T785 <sup>†</sup> CLTSNVQL	8	1
>EGFR-T785 <sup>†</sup> CLTSTVQLI	25	>EGFR-T785 <sup>†</sup> CLTSNVQLI	18	7
>EGFR-T785 <sup>†</sup> CLTSTVQLITC	549	>EGFR-T785 <sup>†</sup> CLTSNVQLITC	387	162
>EGFR-T785 <sup>†</sup> GICLTSTV	138	>EGFR-T785 <sup>†</sup> GICLTSNV	175	37
>EGFR-T785 <sup>†</sup> GICLTSTV	122	>EGFR-T785 <sup>†</sup> GICLTSNV	405	283

>EGFR-T785M GICLTSTV	314	>EGFR-T785M GICLTSNV	717	403
>EGFR-T785M GICLTSTV	38	>EGFR-T785M GICLTSNV	96	58
>EGFR-T785M LGICLTSTV	713	>EGFR-T785M LGICLTSNV	345	368
>EGFR-T785M LGICLTSTV	256	>EGFR-T785M LGICLTSNV	1725	1469
>EGFR-T785M LLGICLTSTV	63	>EGFR-T785M LLGICLTSNV	104	41
>EGFR-T785M LLGICLTST	415	>EGFR-T785M LLGICLTSN	3662	3247
>EGFR-T785M LLGICLTSTV	17	>EGFR-T785M LLGICLTSNV	25	8
>EGFR-T785M LLGICLTST	295	>EGFR-T785M LLGICLTSN	8691	8396
>EGFR-T785M LLGICLTSTV	14	>EGFR-T785M LLGICLTSNV	18	4
>EGFR-T785M LLGICLTSTV	98	>EGFR-T785M LLGICLTSNV	121	23
>EGFR-T785M LLGICLTSTV	4	>EGFR-T785M LLGICLTSNV	7	3
>EGFR-T785M LLGICLTSTV	5	>EGFR-T785M LLGICLTSNV	10	5
>EGFR-T785M LLGICLTSTV	9	>EGFR-T785M LLGICLTSNV	11	2
>EGFR-T785M LLGICLTSTV	6	>EGFR-T785M LLGICLTSNV	7	1
>EGFR-T785M LLGICLTST	30	>EGFR-T785M LLGICLTSN	5951	5921
>EGFR-T785M LLGICLTSTV	2	>EGFR-T785M LLGICLTSNV	2	0
>EGFR-T785M LLGICLTSTVQ	272	>EGFR-T785M LLGICLTSNVC	603	331
>EGFR-T785M RLLGICLTST	73	>EGFR-T785M RLLGICLTSN	3080	3007
>EGFR-T785M RLLGICLTSTV	15	>EGFR-T785M RLLGICLTSNV	15	0
>EGFR-T785M RLLGICLTST	207	>EGFR-T785M RLLGICLTSN	6499	6292
>EGFR-T785M RLLGICLTSTV	29	>EGFR-T785M RLLGICLTSNV	15	14
>EGFR-T785M RLLGICLTST	52	>EGFR-T785M RLLGICLTSN	3577	3525
>EGFR-T785M RLLGICLTSTV	13	>EGFR-T785M RLLGICLTSNV	10	3
>EGFR-T785M RLLGICLTST	87	>EGFR-T785M RLLGICLTSN	5637	5550
>EGFR-T785M RLLGICLTSTV	19	>EGFR-T785M RLLGICLTSNV	18	1
>EGFR-T785M RLLGICLTST	95	>EGFR-T785M RLLGICLTSN	2442	2347
>EGFR-T785M RLLGICLTSTV	2	>EGFR-T785M RLLGICLTSNV	2	0
>EGFR-T785M RLLGICLTSTV	5	>EGFR-T785M RLLGICLTSNV	8	3
>EGFR-T785M RLLGICLTST	401	>EGFR-T785M RLLGICLTSN	10786	10385
>EGFR-T785M RLLGICLTSTV	5	>EGFR-T785M RLLGICLTSNV	5	0
>EGFR-T785M RLLGICLTSTV	2	>EGFR-T785M RLLGICLTSNV	3	1
>EGFR-T785M RLLGICLTST	34	>EGFR-T785M RLLGICLTSN	4651	4617
>EGFR-T785M RLLGICLTSTV	2	>EGFR-T785M RLLGICLTSNV	2	0
>EGFR-T785M RLLGICLTST	360	>EGFR-T785M RLLGICLTSN	747	387
>EGFR-T785M RLLGICLTSTV	23	>EGFR-T785M RLLGICLTSNV	114	91
>EGFR-T785M RLLGICLTSTV	241	>EGFR-T785M RLLGICLTSNV	1258	1017
>EGFR-T790M TQLMPFGCLI	623	>EGFR-T790M TQLMPFGCL	241	382
>EGFR-T790M TQLMPFGC	325	>EGFR-T790M TQLMPFGC	52	273
>EGFR-T790M TQLMPFGCL	200	>EGFR-T790M TQLMPFGCL	29	171
>EGFR-T790M TQLMPFGCLI	128	>EGFR-T790M TQLMPFGCL	68	60
>EGFR-T790M TQLMPFGCLI	1853	>EGFR-T790M TQLMPFGCL	189	1664
>EGFR-T790M TQLMPFGCL	581	>EGFR-T790M TQLMPFGCL	46	535
>EGFR-T790M TQLMPFGCLI	251	>EGFR-T790M TQLMPFGCL	28	223

>EGFR-T790M TQLMPFGCL	626	>EGFR-T790M MQLMPFGCL	442	184
>EGFR-T790M TQLMPFGCLI	420	>EGFR-T790M MQLMPFGCL	311	109
>EGFR-T790M TQLMPFGCL	2314	>EGFR-T790M MQLMPFGCL	276	2038
>EGFR-T790M TQLMPFGCLI	1070	>EGFR-T790M MQLMPFGCL	143	927
>EGFR-T790M ITQLMPFGCL	972	>EGFR-T790M IMQLMPFGC	382	590
>EGFR-T790M ITQLMPFGCL	5856	>EGFR-T790M IMQLMPFGC	118	5738
>EGFR-T790M ITQLMPFGCL	2317	>EGFR-T790M IMQLMPFGC	402	1915
>EGFR-T790M ITQLMPFGCL	2606	>EGFR-T790M IMQLMPFGC	117	2489
>EGFR-T790M ITQLMPFGCL	3007	>EGFR-T790M IMQLMPFGC	456	2551
>EGFR-T790M ITQLMPFGCL	5366	>EGFR-T790M IMQLMPFGC	416	4950
>EGFR-T790M ITQLMPFGC	11022	>EGFR-T790M IMQLMPFGC	188	10834
>EGFR-T790M ITQLMPFGCL	12239	>EGFR-T790M IMQLMPFGC	293	11946
>EGFR-T790M ITQLMPFGCL	4496	>EGFR-T790M IMQLMPFGC	33	4463
>EGFR-T790M ITQLMPFGCL	12592	>EGFR-T790M IMQLMPFGC	272	12320
>EGFR-T790M ITQLMPFGCL	10928	>EGFR-T790M IMQLMPFGC	71	10857
>EGFR-T790M ITQLMPFGCL	12651	>EGFR-T790M IMQLMPFGC	189	12462
>EGFR-T790M ITQLMPFGC	15796	>EGFR-T790M IMQLMPFGC	301	15495
>EGFR-T790M ITQLMPFGCL	12878	>EGFR-T790M IMQLMPFGC	382	12496
>EGFR-T790M ITQLMPFGCL	12069	>EGFR-T790M IMQLMPFGC	107	11962
>EGFR-T790M ITQLMPFGC	27573	>EGFR-T790M IMQLMPFGC	370	27203
>EGFR-T790M ITQLMPFGCL	19021	>EGFR-T790M IMQLMPFGC	169	18852
>EGFR-T790M ITQLMPFGCL	6642	>EGFR-T790M IMQLMPFGC	14	6628
>EGFR-T790M ITQLMPFGCL	365	>EGFR-T790M IMQLMPFGC	12420	12055
>EGFR-T790M ITQLMPFGCL	17	>EGFR-T790M IMQLMPFGC	3665	3648
>EGFR-T790M ITQLMPFGCL	120	>EGFR-T790M IMQLMPFGC	6056	5936
>EGFR-T790M ITQLMPFGCL	187	>EGFR-T790M IMQLMPFGC	9010	8823
>EGFR-T790M ITQLMPFGCL	132	>EGFR-T790M IMQLMPFGC	7961	7829
>EGFR-T790M ICLTSTVQLIT	8905	>EGFR-T790M ICLTSTVQLIM	194	8711
>EGFR-T790M LITQLMPFGC	1263	>EGFR-T790M LIMQLMPFGI	203	1060
>EGFR-T790M LITQLMPF	1110	>EGFR-T790M LIMQLMPF	139	971
>EGFR-T790M LITQLMPFGC	1123	>EGFR-T790M LIMQLMPFGI	155	968
>EGFR-T790M LITQLMPFGC	2239	>EGFR-T790M LIMQLMPFGI	485	1754
>EGFR-T790M LITQLMPF	524	>EGFR-T790M LIMQLMPF	154	370
>EGFR-T790M LITQLMPF	2304	>EGFR-T790M LIMQLMPF	220	2084
>EGFR-T790M LITQLMPF	228	>EGFR-T790M LIMQLMPF	36	192
>EGFR-T790M LITQLMPF	388	>EGFR-T790M LIMQLMPF	47	341
>EGFR-T790M LITQLMPF	506	>EGFR-T790M LIMQLMPF	107	399
>EGFR-T790M LITQLMPF	571	>EGFR-T790M LIMQLMPF	320	251
>EGFR-T790M LITQLMPF	1038	>EGFR-T790M LIMQLMPF	346	692
>EGFR-T790M QLITQLMPF	212	>EGFR-T790M QLIMQLMPF	425	213
>EGFR-T790M QLITQLMPFG	502	>EGFR-T790M QLIMQLMPFI	322	180
>EGFR-T790M QLITQLMPF	23	>EGFR-T790M QLIMQLMPF	65	42
>EGFR-T790M QLITQLMPF	154	>EGFR-T790M QLIMQLMPF	159	5

>EGFR-T790M QLITQLMPF	67	>EGFR-T790M QLIMQLMPF	41	26
>EGFR-T790M QLITQLMPF	496	>EGFR-T790M QLIMQLMPF	486	10
>EGFR-T790M QLITQLMPF	14	>EGFR-T790M QLIMQLMPF	17	3
>EGFR-T790M VQLITQLM	332	>EGFR-T790M VQLIMQLM	381	49
>EGFR-T790M VQLITQLMPF	75	>EGFR-T790M VQLIMQLMP	82	7
>EGFR-T790M VQLITQLM	58	>EGFR-T790M VQLIMQLM	194	136
>EGFR-T790M VQLITQLMPF	3	>EGFR-T790M VQLIMQLMP	5	2
>EGFR-T790M TVQLITQLM	5118	>EGFR-T790M TVQLIMQLM	275	4843
>EGFR-T790M TVQLITQLMP	469	>EGFR-T790M TVQLIMQLM	121	348
>EGFR-T790M TVQLITQLMP	188	>EGFR-T790M TVQLIMQLM	538	350
>EGFR-T790M TVQLITQL	217	>EGFR-T790M TVQLIMQL	116	101
>EGFR-T790M TVQLITQLM	410	>EGFR-T790M TVQLIMQLM	129	281
>EGFR-T790M STVQLITQL	339	>EGFR-T790M STVQLIMQL	650	311
>EGFR-T790M STVQLITQL	408	>EGFR-T790M STVQLIMQL	527	119
>EGFR-T790M STVQLITQL	706	>EGFR-T790M STVQLIMQL	426	280
>EGFR-T790M STVQLITQ	371	>EGFR-T790M STVQLIMQ	464	93
>EGFR-T790M STVQLITQL	64	>EGFR-T790M STVQLIMQL	60	4
>EGFR-T790M STVQLITQLM	18	>EGFR-T790M STVQLIMQLM	7	11
>EGFR-T790M STVQLITQLM	139	>EGFR-T790M STVQLIMQLM	229	90
>EGFR-T790M STVQLITQL	116	>EGFR-T790M STVQLIMQL	37	79
>EGFR-T790M STVQLITQLM	296	>EGFR-T790M STVQLIMQLM	263	33
>EGFR-T790M STVQLITQL	222	>EGFR-T790M STVQLIMQL	70	152
>EGFR-T790M STVQLITQLM	528	>EGFR-T790M STVQLIMQLM	332	196
>EGFR-T790M STVQLITQL	7	>EGFR-T790M STVQLIMQL	8	1
>EGFR-T790M STVQLITQLM	18	>EGFR-T790M STVQLIMQLM	12	6
>EGFR-T790M STVQLITQL	170	>EGFR-T790M STVQLIMQL	151	19
>EGFR-T790M STVQLITQLM	72	>EGFR-T790M STVQLIMQLM	64	8
>EGFR-T790M STVQLITQL	17	>EGFR-T790M STVQLIMQL	33	16
>EGFR-T790M STVQLITQLM	24	>EGFR-T790M STVQLIMQLM	25	1
>EGFR-T790M STVQLITQL	249	>EGFR-T790M STVQLIMQL	986	737
>EGFR-T790M TSTVQLIT	15920	>EGFR-T790M TSTVQLIM	267	15653
>EGFR-T790M TSTVQLITQL	59	>EGFR-T790M TSTVQLIMQL	82	23
>EGFR-T790M TSTVQLITQLM	239	>EGFR-T790M TSTVQLIMQL	136	103
>EGFR-T790M TSTVQLIT	16957	>EGFR-T790M TSTVQLIM	427	16530
>EGFR-T790M TSTVQLITQL	474	>EGFR-T790M TSTVQLIMQL	385	89
>EGFR-T790M TSTVQLITQLM	203	>EGFR-T790M TSTVQLIMQL	167	36
>EGFR-T790M TSTVQLIT	928	>EGFR-T790M TSTVQLIM	43	885
>EGFR-T790M TSTVQLITQL	253	>EGFR-T790M TSTVQLIMQL	225	28
>EGFR-T790M TSTVQLITQLM	171	>EGFR-T790M TSTVQLIMQL	93	78
>EGFR-T790M LTSTVQLITQL	119	>EGFR-T790M LTSTVQLIMQ	211	92
>EGFR-T790M LTSTVQLITQL	223	>EGFR-T790M LTSTVQLIMQ	116	107
>EGFR-T790M LTSTVQLIT	16172	>EGFR-T790M LTSTVQLIM	270	15902
>EGFR-T790M LTSTVQLITQL	49	>EGFR-T790M LTSTVQLIMQ	58	9

>EGFR-T790M LTSTVQLIT	4933	>EGFR-T790M LTSTVQLIM	18	4915
>EGFR-T790M LTSTVQLITQL	78	>EGFR-T790M LTSTVQLIMQ	43	35
>EGFR-T790M LTSTVQLIT	9786	>EGFR-T790M LTSTVQLIM	140	9646
>EGFR-T790M LTSTVQLITQL	117	>EGFR-T790M LTSTVQLIMQ	112	5
>EGFR-T790M LTSTVQLIT	1172	>EGFR-T790M LTSTVQLIM	9	1163
>EGFR-T790M LTSTVQLITQL	30	>EGFR-T790M LTSTVQLIMQ	50	20
>EGFR-T790M LTSTVQLITQL	298	>EGFR-T790M LTSTVQLIMQ	597	299
>EGFR-T790M CLTSTVQLIT	23151	>EGFR-T790M CLTSTVQLIM	237	22914
>EGFR-T847F TPQHVKITDF	80	>EGFR-T847F APQHVKITDF	63	17
>EGFR-T847F TPQHVKITDF	125	>EGFR-T847F APQHVKITDF	167	42
>EGFR-T847F TPQHVKITDF	1362	>EGFR-T847F APQHVKITDF	461	901
>EGFR-T847F TPQHVKITDF	234	>EGFR-T847F APQHVKITDF	357	123
>EGFR-T847F KTPQHVKITD	461	>EGFR-T847F KAPQHVKITD	11870	11409
>EGFR-T847F KTPQHVKI	23	>EGFR-T847F KAPQHVKI	541	518
>EGFR-T847F KTPQHVKITD	41	>EGFR-T847F KAPQHVKITD	1570	1529
>EGFR-T847F KTPQHVKITD	693	>EGFR-T847F KAPQHVKITD	395	298
>EGFR-T847F KTPQHVKI	299	>EGFR-T847F KAPQHVKI	3627	3328
>EGFR-T847F KTPQHVKITD	44	>EGFR-T847F KAPQHVKITD	475	431
>EGFR-T847F KTPQHVKI	33	>EGFR-T847F KAPQHVKI	1041	1008
>EGFR-T847F KTPQHVKIT	77	>EGFR-T847F KAPQHVKIT	1316	1239
>EGFR-T847F KTPQHVKITD	7	>EGFR-T847F KAPQHVKITD	73	66
>EGFR-T847F KTPQHVKI	51	>EGFR-T847F KAPQHVKI	184	133
>EGFR-T847F VKTPQHVKI	395	>EGFR-T847F VKAPQHVKI	148	247
>EGFR-T847F LVKTPQHV	262	>EGFR-T847F LVKAPQHV	154	108
>EGFR-T847F LVKTPQHV	42	>EGFR-T847F LVKAPQHV	25	17
>EGFR-T847F LVKTPQHVK	322	>EGFR-T847F LVKAPQHVK	220	102
>EGFR-T847F LVKTPQHVK	207	>EGFR-T847F LVKAPQHVK	131	76
>EGFR-T847F LVKTPQHV	173	>EGFR-T847F LVKAPQHV	114	59
>EGFR-T847F LVKTPQHVK	15	>EGFR-T847F LVKAPQHVK	11	4
>EGFR-T847F LVKTPQHVKI	126	>EGFR-T847F LVKAPQHVKI	85	41
>EGFR-T847F LVKTPQHVK	399	>EGFR-T847F LVKAPQHVK	238	161
>EGFR-T847F LVKTPQHVK	357	>EGFR-T847F LVKAPQHVK	327	30
>EGFR-T847F LVKTPQHV	918	>EGFR-T847F LVKAPQHV	477	441
>EGFR-T847F VLVKTPQHV	476	>EGFR-T847F VLVKAPQHV	318	158
>EGFR-T847F VLVKTPQHV	215	>EGFR-T847F VLVKAPQHV	89	126
>EGFR-T847F VLVKTPQHVK	703	>EGFR-T847F VLVKAPQHVI	440	263
>EGFR-T847F VLVKTPQHV	22	>EGFR-T847F VLVKAPQHV	16	6
>EGFR-T847F VLVKTPQHVK	269	>EGFR-T847F VLVKAPQHVI	223	46
>EGFR-T847F VLVKTPQHV	248	>EGFR-T847F VLVKAPQHV	113	135
>EGFR-T847F VLVKTPQHV	3	>EGFR-T847F VLVKAPQHV	5	2
>EGFR-T847F VLVKTPQHVK	25	>EGFR-T847F VLVKAPQHVI	40	15
>EGFR-T847F VLVKTPQHV	6	>EGFR-T847F VLVKAPQHV	10	4
>EGFR-T847F VLVKTPQHVK	241	>EGFR-T847F VLVKAPQHVI	410	169



>EGFR-T847/VLVKTPQHV	7	>EGFR-T847/VLVKAPQHV	6	1
>EGFR-T847/VLVKTPQHVK	97	>EGFR-T847/VLVKAPQHVI	106	9
>EGFR-T847/VLVKTPQHV	30	>EGFR-T847/VLVKAPQHV	24	6
>EGFR-T847/VLVKTPQHV	3	>EGFR-T847/VLVKAPQHV	4	1
>EGFR-T847/VLVKTPQHVK	26	>EGFR-T847/VLVKAPQHVI	28	2
>EGFR-T847/VLVKTPQHVK	415	>EGFR-T847/VLVKAPQHVI	274	141
>EGFR-T847/NVLVKTQHN	424	>EGFR-T847/NVLVKAQHN	716	292
>EGFR-T847/NVLVKTQHN	178	>EGFR-T847/NVLVKAQHN	267	89
>EGFR-T847/NVLVKTQHN	179	>EGFR-T847/NVLVKAQHN	294	115
>EGFR-T847/NVLVKTQHN	269	>EGFR-T847/NVLVKAQHN	354	85
>EGFR-T847/NVLVKTQHN	225	>EGFR-T847/NVLVKAQHN	325	100
>EGFR-T847/NVLVKTQHN	318	>EGFR-T847/NVLVKAQHN	348	30
>EGFR-T847/NVLVKTQHN	29	>EGFR-T847/NVLVKAQHN	32	3
>EGFR-T847/ARNVLVKTPC	531	>EGFR-T847/ARNVLVKA	387	144
>EGFR-T847/AARNVLVKT	1277	>EGFR-T847/AARNVLVKA	41	1236
>EGFR-T847/AARNVLVKT	404	>EGFR-T847/AARNVLVKA	125	279
>EGFR-T847/TPQHVKITDF	80	>EGFR-T847/IPQHVKITDF	47	33
>EGFR-T847/TPQHVKITDF	125	>EGFR-T847/IPQHVKITDF	549	424
>EGFR-T847/TPQHVKITDF	234	>EGFR-T847/IPQHVKITDF	107	127
>EGFR-T847/KTPQHVKITD	461	>EGFR-T847/KIPQHVKITDI	3396	2935
>EGFR-T847/KTPQHVKI	23	>EGFR-T847/KIPQHVKI	54	31
>EGFR-T847/KTPQHVKITD	41	>EGFR-T847/KIPQHVKITDI	123	82
>EGFR-T847/KTPQHVKI	299	>EGFR-T847/KIPQHVKI	17501	17202
>EGFR-T847/KTPQHVKITD	44	>EGFR-T847/KIPQHVKITDI	6306	6262
>EGFR-T847/KTPQHVKI	33	>EGFR-T847/KIPQHVKI	8792	8759
>EGFR-T847/KTPQHVKIT	77	>EGFR-T847/KIPQHVKIT	11321	11244
>EGFR-T847/KTPQHVKITD	7	>EGFR-T847/KIPQHVKITDI	1135	1128
>EGFR-T847/KTPQHVKI	51	>EGFR-T847/KIPQHVKI	2729	2678
>EGFR-T847/DLAARNVLVVK	4656	>EGFR-T847/DLAARNVLVVK	497	4159
>EGFR-T847/DLAARNVLVVK	5658	>EGFR-T847/DLAARNVLVVK	329	5329
>EGFR-T847/VKTPQHVKI	395	>EGFR-T847/VKIPQHVKI	96	299
>EGFR-T847/LVKTPQHV	262	>EGFR-T847/LVKIPQHV	428	166
>EGFR-T847/LVKTPQHV	42	>EGFR-T847/LVKIPQHV	42	0
>EGFR-T847/LVKTPQHVK	322	>EGFR-T847/LVKIPQHVK	824	502
>EGFR-T847/LVKTPQHVK	207	>EGFR-T847/LVKIPQHVK	322	115
>EGFR-T847/LVKTPQHV	173	>EGFR-T847/LVKIPQHV	309	136
>EGFR-T847/LVKTPQHVK	15	>EGFR-T847/LVKIPQHVK	18	3
>EGFR-T847/LVKTPQHVKI	126	>EGFR-T847/LVKIPQHVKI	174	48
>EGFR-T847/LVKTPQHVK	399	>EGFR-T847/LVKIPQHVK	298	101
>EGFR-T847/LVKTPQHVK	357	>EGFR-T847/LVKIPQHVK	478	121
>EGFR-T847/VLVKTPQHV	476	>EGFR-T847/VLVKIPQHV	153	323
>EGFR-T847/VLVKTPQHV	215	>EGFR-T847/VLVKIPQHV	37	178
>EGFR-T847/VLVKTPQHVK	703	>EGFR-T847/VLVKIPQHVK	208	495

>EGFR-T847I VLVKTPQHV	22	>EGFR-T847I VLVKIPQHV	14	8
>EGFR-T847I VLVKTPQHVK	269	>EGFR-T847I VLVKIPQHVK	179	90
>EGFR-T847I VLVKTPQHV	248	>EGFR-T847I VLVKIPQHV	133	115
>EGFR-T847I VLVKTPQHV	3	>EGFR-T847I VLVKIPQHV	4	1
>EGFR-T847I VLVKTPQHVK	25	>EGFR-T847I VLVKIPQHVK	27	2
>EGFR-T847I VLVKTPQHV	6	>EGFR-T847I VLVKIPQHV	9	3
>EGFR-T847I VLVKTPQHVK	241	>EGFR-T847I VLVKIPQHVK	363	122
>EGFR-T847I VLVKTPQHV	7	>EGFR-T847I VLVKIPQHV	7	0
>EGFR-T847I VLVKTPQHVK	97	>EGFR-T847I VLVKIPQHVK	112	15
>EGFR-T847I VLVKTPQHV	30	>EGFR-T847I VLVKIPQHV	14	16
>EGFR-T847I VLVKTPQHV	3	>EGFR-T847I VLVKIPQHV	3	0
>EGFR-T847I VLVKTPQHVK	26	>EGFR-T847I VLVKIPQHVK	24	2
>EGFR-T847I VLVKTPQHVK	415	>EGFR-T847I VLVKIPQHVK	417	2
>EGFR-T847I NVLVKTPQH	521	>EGFR-T847I NVLVKIPQHV	483	38
>EGFR-T847I NVLVKTPQH	424	>EGFR-T847I NVLVKIPQHV	203	221
>EGFR-T847I NVLVKTPQH	178	>EGFR-T847I NVLVKIPQHV	129	49
>EGFR-T847I NVLVKTPQH	179	>EGFR-T847I NVLVKIPQHV	146	33
>EGFR-T847I NVLVKTPQH	269	>EGFR-T847I NVLVKIPQHV	184	85
>EGFR-T847I NVLVKTPQH	225	>EGFR-T847I NVLVKIPQHV	260	35
>EGFR-T847I NVLVKTPQH	318	>EGFR-T847I NVLVKIPQHV	370	52
>EGFR-T847I NVLVKTPQH	29	>EGFR-T847I NVLVKIPQHV	36	7
>EGFR-T847I ARNVLVKT	1104	>EGFR-T847I ARNVLVKI	88	1016
>EGFR-T847I ARNVLVKTPC	531	>EGFR-T847I ARNVLVKIPQ	319	212
>EGFR-T847I ARNVLVKT	2155	>EGFR-T847I ARNVLVKI	384	1771
>EGFR-T847I ARNVLVKT	1048	>EGFR-T847I ARNVLVKI	237	811
>EGFR-T847I AARNVLVKT	1277	>EGFR-T847I AARNVLVKI	45	1232
>EGFR-T847I AARNVLVKTf	404	>EGFR-T847I AARNVLVKIP	94	310
>EGFR-T847I AARNVLVKT	36968	>EGFR-T847I AARNVLVKI	347	36621
>EGFR-T847I LAARNVLVKT	12277	>EGFR-T847I LAARNVLVKI	156	12121
>EGFR-T854/ TDFGLAKLL	145	>EGFR-T854/ ADFGLAKLL	653	508
>EGFR-T854/ TDFGLAKL	624	>EGFR-T854/ ADFGLAKL	299	325
>EGFR-T854/ TDFGLAKLL	352	>EGFR-T854/ ADFGLAKLL	123	229
>EGFR-T854/ TDFGLAKLLG	657	>EGFR-T854/ ADFGLAKLLG	273	384
>EGFR-T854/ TDFGLAKLL	295	>EGFR-T854/ ADFGLAKLL	229	66
>EGFR-T854/ ITDFGLAK	290	>EGFR-T854/ IADFGLAK	1862	1572
>EGFR-T854/ ITDFGLAK	33	>EGFR-T854/ IADFGLAK	156	123
>EGFR-T854/ ITDFGLAKL	6	>EGFR-T854/ IADFGLAKL	64	58
>EGFR-T854/ ITDFGLAKLL	15	>EGFR-T854/ IADFGLAKLL	252	237
>EGFR-T854/ ITDFGLAKLL	276	>EGFR-T854/ IADFGLAKLL	2385	2109
>EGFR-T854/ ITDFGLAKL	97	>EGFR-T854/ IADFGLAKL	2312	2215
>EGFR-T854/ ITDFGLAK	474	>EGFR-T854/ IADFGLAK	3757	3283
>EGFR-T854/ LVKTPQHVKI	6251	>EGFR-T854/ LVKTPQHVKI	416	5835
>EGFR-T854/ KITDFGLAKLL	1619	>EGFR-T854/ KIADFGLAKLI	441	1178

>EGFR-T854/KITDFGLA	883	>EGFR-T854/KIADFGLA	83	800
>EGFR-T854/KITDFGLAKL	91	>EGFR-T854/KIADFGLAKL	29	62
>EGFR-T854/KITDFGLAKLL	228	>EGFR-T854/KIADFGLAKLL	26	202
>EGFR-T854/KITDFGLA	348	>EGFR-T854/KIADFGLA	38	310
>EGFR-T854/KITDFGLAKL	81	>EGFR-T854/KIADFGLAKL	47	34
>EGFR-T854/KITDFGLAKLL	1619	>EGFR-T854/KIADFGLAKLL	173	1446
>EGFR-T854/KITDFGLA	117	>EGFR-T854/KIADFGLA	44	73
>EGFR-T854/KITDFGLAKL	432	>EGFR-T854/KIADFGLAKL	240	192
>EGFR-T854/KITDFGLAKLL	462	>EGFR-T854/KIADFGLAKLL	175	287
>EGFR-T854/KITDFGLAKL	188	>EGFR-T854/KIADFGLAKL	68	120
>EGFR-T854/KITDFGLAKLL	810	>EGFR-T854/KIADFGLAKLL	321	489
>EGFR-T854/KITDFGLAKL	478	>EGFR-T854/KIADFGLAKL	213	265
>EGFR-T854/KITDFGLAKL	3324	>EGFR-T854/KIADFGLAKL	462	2862
>EGFR-T854/KITDFGLAKL	29	>EGFR-T854/KIADFGLAKL	26	3
>EGFR-T854/KITDFGLAKLL	183	>EGFR-T854/KIADFGLAKLL	150	33
>EGFR-T854/KITDFGLAK	102	>EGFR-T854/KIADFGLAK	52	50
>EGFR-T854/KITDFGLAK	17	>EGFR-T854/KIADFGLAK	12	5
>EGFR-T854/KITDFGLAK	22	>EGFR-T854/KIADFGLAK	26	4
>EGFR-T854/KITDFGLAKL	725	>EGFR-T854/KIADFGLAKL	385	340
>EGFR-T854/KITDFGLAKLL	679	>EGFR-T854/KIADFGLAKLL	394	285
>EGFR-T854/KITDFGLAKL	693	>EGFR-T854/KIADFGLAKL	459	234
>EGFR-T854/KITDFGLAK	98	>EGFR-T854/KIADFGLAK	76	22
>EGFR-T854/VKITDFGL	279	>EGFR-T854/VKIADFGL	358	79
>EGFR-T854/VKITDFGLAK	252	>EGFR-T854/VKIADFGLAK	289	37
>EGFR-T854/VKITDFGLAKI	295	>EGFR-T854/VKIADFGLAKI	322	27
>EGFR-T854/HVKITDFGLA	276	>EGFR-T854/HVKIADFGLA	332	56
>EGFR-T854/HVKITDFG	229	>EGFR-T854/HVKIADFG	330	101
>EGFR-T854/HVKITDFGL	168	>EGFR-T854/HVKIADFGL	163	5
>EGFR-T854/HVKITDFGLA	33	>EGFR-T854/HVKIADFGLA	32	1
>EGFR-T854/HVKITDFGLA	4	>EGFR-T854/HVKIADFGLA	4	0
>EGFR-T854/HVKITDFGLA	201	>EGFR-T854/HVKIADFGLA	321	120
>EGFR-T854/HVKITDFGLA	130	>EGFR-T854/HVKIADFGLA	130	0
>EGFR-T854/HVKITDFGL	1241	>EGFR-T854/HVKIADFGL	373	868
>EGFR-T854/HVKITDFGL	328	>EGFR-T854/HVKIADFGL	581	253
>EGFR-T854/QHVKITDF	107	>EGFR-T854/QHVKIADF	206	99
>EGFR-T854/QHVKITDFGL	380	>EGFR-T854/QHVKIADFGL	410	30
>EGFR-T854/PQHVKITDF	82	>EGFR-T854/PQHVKIADF	181	99
>EGFR-T854/TPQHVKITDF	80	>EGFR-T854/TPQHVKIADF	163	83
>EGFR-T854/TPQHVKITDF	125	>EGFR-T854/TPQHVKIADF	145	20
>EGFR-T854/TPQHVKITDF	234	>EGFR-T854/TPQHVKIADF	164	70
>EGFR-T854/KTPQHVKITD	461	>EGFR-T854/KTPQHVKIAD	146	315
>EGFR-T854/KTPQHVKITD	41	>EGFR-T854/KTPQHVKIAD	55	14
>EGFR-T854/KTPQHVKITD	44	>EGFR-T854/KTPQHVKIAD	29	15

>EGFR-T854/KTPQHVKIT	77	>EGFR-T854/KTPQHVKIA	37	40
>EGFR-T854/KTPQHVKITD	7	>EGFR-T854/KTPQHVKIAD	4	3
>EGFR-V292I VKKCPRNY	9	>EGFR-V292I LKKCPRNY	7	2
>EGFR-V292I VKKCPRNYV	59	>EGFR-V292I LKKCPRNYV	37	22
>EGFR-V292I VKKCPRNYV\	63	>EGFR-V292I LKKCPRNYVV	39	24
>EGFR-V292I VKKCPRNYV\	499	>EGFR-V292I LKKCPRNYVV	267	232
>EGFR-V292I CVKKCPRNY\	1458	>EGFR-V292I CLKKCPRNYV	104	1354
>EGFR-V292I CVKKCPRNYV	920	>EGFR-V292I CLKKCPRNYV	112	808
>EGFR-V292I CVKKCPRNYV	1550	>EGFR-V292I CLKKCPRNYV	101	1449
>EGFR-V292I CVKKCPRNYV	6034	>EGFR-V292I CLKKCPRNYV	269	5765
>EGFR-V292I CVKKCPRNYV	3986	>EGFR-V292I CLKKCPRNYV	48	3938
>EGFR-V292I CVKKCPRNYV	4793	>EGFR-V292I CLKKCPRNYV	54	4739
>EGFR-V292I CVKKCPRNYV	185	>EGFR-V292I CLKKCPRNYV	1626	1441
>EGFR-V292I CVKKCPRNY	436	>EGFR-V292I CLKKCPRNY	426	10
>EGFR-V292I CVKKCPRNY	2036	>EGFR-V292I CLKKCPRNY	390	1646
>EGFR-V292I CVKKCPRNY	948	>EGFR-V292I CLKKCPRNY	441	507
>EGFR-V292I TCVKKCPR	959	>EGFR-V292I TCLKKCPR	391	568
>EGFR-V292I TCVKKCPRNY	286	>EGFR-V292I TCLKKCPRNY	1129	843
>EGFR-V292I TCVKKCPRNY	1742	>EGFR-V292I TCLKKCPRNY	484	1258
>EGFR-V292I TCVKKCPR	87	>EGFR-V292I TCLKKCPR	54	33
>EGFR-V292I ATCVKKCPR	430	>EGFR-V292I ATCLKKCPR	331	99
>EGFR-V292I ATCVKKCPRN	583	>EGFR-V292I ATCLKKCPRN	491	92
>EGFR-V292I ATCVKKCPRN	447	>EGFR-V292I ATCLKKCPRN	480	33
>EGFR-V292I ATCVKKCPRN	496	>EGFR-V292I ATCLKKCPRN	1027	531
>EGFR-V292I ATCVKKCPR	10	>EGFR-V292I ATCLKKCPR	11	1
>EGFR-V292I ATCVKKCPR	165	>EGFR-V292I ATCLKKCPR	132	33
>EGFR-V292I ATCVKKCPR	494	>EGFR-V292I ATCLKKCPR	560	66
>EGFR-V292I ATCVKKCPRN	12	>EGFR-V292I ATCLKKCPRN	14	2
>EGFR-V292I GATCVKKCPF	150	>EGFR-V292I GATCLKKCPR	146	4
>EGFR-V292I GATCVKKCPF	293	>EGFR-V292I GATCLKKCPR	454	161
>EGFR-V292I FGATCVKKCP	466	>EGFR-V292I FGATCLKKCP	661	195
>EGFR-V292I FGATCVKKCP	91	>EGFR-V292I FGATCLKKCP	95	4
>EGFR-V292I SFGATCVK	1162	>EGFR-V292I SFGATCLK	290	872
>EGFR-V292I SFGATCVKK	975	>EGFR-V292I SFGATCLKK	387	588
>EGFR-V292I SFGATCVK	961	>EGFR-V292I SFGATCLK	473	488
>EGFR-V292I SFGATCVK	395	>EGFR-V292I SFGATCLK	287	108
>EGFR-V292I YSFGATCV	188	>EGFR-V292I YSFGATCL	1109	921
>EGFR-V292I YSFGATCV	109	>EGFR-V292I YSFGATCL	136	27
>EGFR-V292I YSFGATCV	49	>EGFR-V292I YSFGATCL	353	304
>EGFR-V292I YSFGATCV	100	>EGFR-V292I YSFGATCL	1334	1234
>EGFR-V292I YSFGATCV	80	>EGFR-V292I YSFGATCL	1375	1295
>EGFR-V292I YSFGATCV	86	>EGFR-V292I YSFGATCL	2728	2642
>EGFR-V292I YSFGATCVK	260	>EGFR-V292I YSFGATCLK	96	164

>EGFR-V292I YSFGATCVKK	66	>EGFR-V292I YSFGATCLKK	35	31
>EGFR-V292I YSFGATCVK	24	>EGFR-V292I YSFGATCLK	11	13
>EGFR-V292I YSFGATCVKK	18	>EGFR-V292I YSFGATCLKK	12	6
>EGFR-V292I YSFGATCVK	41	>EGFR-V292I YSFGATCLK	25	16
>EGFR-V292I YSFGATCVKK	190	>EGFR-V292I YSFGATCLKK	113	77
>EGFR-V292I YSFGATCVK	7	>EGFR-V292I YSFGATCLK	3	4
>EGFR-V292I YSFGATCVKK	7	>EGFR-V292I YSFGATCLKK	9	2
>EGFR-V292I YSFGATCV	33	>EGFR-V292I YSFGATCL	250	217
>EGFR-V292I YSFGATCV	258	>EGFR-V292I YSFGATCL	2292	2034
>EGFR-V292I YSFGATCV	307	>EGFR-V292I YSFGATCL	121	186
>EGFR-V292I YSFGATCV	205	>EGFR-V292I YSFGATCL	11	194
>EGFR-V292I YSFGATCV	2166	>EGFR-V292I YSFGATCL	111	2055
>EGFR-V292I YSFGATCV	245	>EGFR-V292I YSFGATCL	74	171
>EGFR-V292I YSFGATCVK	1061	>EGFR-V292I YSFGATCLK	499	562
>EGFR-V292I YSFGATCVKK	537	>EGFR-V292I YSFGATCLKK	424	113
>EGFR-V292I YSFGATCV	985	>EGFR-V292I YSFGATCL	195	790
>EGFR-V292I KYSFGATCV	218	>EGFR-V292I KYSFGATCL	48	170
>EGFR-V292I KYSFGATCVK	322	>EGFR-V292I KYSFGATCLK	123	199
>EGFR-V292I KYSFGATCVK	789	>EGFR-V292I KYSFGATCLKI	456	333
>EGFR-V292I KYSFGATCV	5804	>EGFR-V292I KYSFGATCL	200	5604
>EGFR-V292I KYSFGATCVK	19	>EGFR-V292I KYSFGATCLK	14	5
>EGFR-V292I KYSFGATCVK	45	>EGFR-V292I KYSFGATCLKI	32	13
>EGFR-V292I KYSFGATCVK	366	>EGFR-V292I KYSFGATCLK	119	247
>EGFR-V292I KYSFGATCVK	401	>EGFR-V292I KYSFGATCLKI	992	591
>EGFR-V292I KYSFGATCVK	471	>EGFR-V292I KYSFGATCLK	161	310
>EGFR-V292I KYSFGATCVK	107	>EGFR-V292I KYSFGATCLK	91	16
>EGFR-V292I KYSFGATCVK	190	>EGFR-V292I KYSFGATCLKI	202	12
>EGFR-V292I KYSFGATCV	369	>EGFR-V292I KYSFGATCL	307	62
>EGFR-V292I KYSFGATCVK	559	>EGFR-V292I KYSFGATCLKI	495	64
>EGFR-V292I GKYSFGATCV	25	>EGFR-V292I GKYSFGATCL	13	12
>EGFR-V292I GKYSFGATCV	123	>EGFR-V292I GKYSFGATCL	371	248
>EGFR-V292I GKYSFGATCV	5246	>EGFR-V292I GKYSFGATCL	477	4769
>EGFR-V60L- VVLGNLEI	522	>EGFR-V60L- LVLGNLEI	321	201
>EGFR-V60L- VVLGNLEITY\	46	>EGFR-V60L- LVLGNLEITYV	34	12
>EGFR-V60L- VVLGNLEITY\	110	>EGFR-V60L- LVLGNLEITYV	52	58
>EGFR-V60L- VVLGNLEITY\	85	>EGFR-V60L- LVLGNLEITYV	64	21
>EGFR-V60L- VVLGNLEI	68	>EGFR-V60L- LVLGNLEI	45	23
>EGFR-V60L- VVLGNLEITY\	6	>EGFR-V60L- LVLGNLEITYV	5	1
>EGFR-V60L- VVLGNLEI	60	>EGFR-V60L- LVLGNLEI	76	16
>EGFR-V60L- VVLGNLEITY\	4	>EGFR-V60L- LVLGNLEITYV	4	0
>EGFR-V60L- VVLGNLEITY\	20	>EGFR-V60L- LVLGNLEITYV	18	2
>EGFR-V60L- VVLGNLEITY\	13	>EGFR-V60L- LVLGNLEITYV	16	3
>EGFR-V60L- VVLGNLEI	332	>EGFR-V60L- LVLGNLEI	458	126

>EGFR-V60L- VVLGNLEITYV	5	>EGFR-V60L- LVLGNLEITYV	6	1
>EGFR-V60L- VVLGNLEI	167	>EGFR-V60L- LVLGNLEI	101	66
>EGFR-V60L- VVLGNLEITYV	4	>EGFR-V60L- LVLGNLEITYV	3	1
>EGFR-V60L- VVLGNLEITY	80	>EGFR-V60L- LVLGNLEITY	92	12
>EGFR-V60L- VVLGNLEI	454	>EGFR-V60L- LVLGNLEI	902	448
>EGFR-V60L- VVLGNLEITYV	317	>EGFR-V60L- LVLGNLEITYV	121	196
>EGFR-V60L- VVLGNLEI	1428	>EGFR-V60L- LVLGNLEI	499	929
>EGFR-V60L- VVLGNLEITYV	142	>EGFR-V60L- LVLGNLEITYV	52	90
>EGFR-V60L- VVLGNLEITY	261	>EGFR-V60L- LVLGNLEITY	1259	998
>EGFR-V60L- VVLGNLEITY	126	>EGFR-V60L- LVLGNLEITY	138	12
>EGFR-V60L- VVLGNLEITY	1053	>EGFR-V60L- LVLGNLEITY	321	732
>EGFR-V60L- EVVLGNLEITY	189	>EGFR-V60L- ELVLGNLEITY	1350	1161
>EGFR-V60L- EVVLGNLEITY	154	>EGFR-V60L- ELVLGNLEITY	1342	1188
>EGFR-V60L- EVVLGNLEIT	482	>EGFR-V60L- ELVLGNLEIT	7517	7035
>EGFR-V60L- EVVLGNLEITY	7	>EGFR-V60L- ELVLGNLEITY	122	115
>EGFR-V60L- EVVLGNLEITY	27	>EGFR-V60L- ELVLGNLEITY	165	138
>EGFR-V60L- EVVLGNLEITY	328	>EGFR-V60L- ELVLGNLEITY	375	47
>EGFR-V60L- EVVLGNLEITY	242	>EGFR-V60L- ELVLGNLEITY	1920	1678
>EGFR-V60L- EVVLGNLEI	43	>EGFR-V60L- ELVLGNLEI	1248	1205
>EGFR-V60L- EVVLGNLEI	74	>EGFR-V60L- ELVLGNLEI	523	449
>EGFR-V60L- EVVLGNLEITY	33	>EGFR-V60L- ELVLGNLEITY	153	120
>EGFR-V60L- SLQRMFNNC	52	>EGFR-V60L- SLQRMFNNC	198	146
>EGFR-V60L- SLQRMFNNC	43	>EGFR-V60L- SLQRMFNNC	47	4
>EGFR-V60L- SLQRMFNNC	41	>EGFR-V60L- SLQRMFNNC	506	465
>EGFR-V60L- SLQRMFNNC	236	>EGFR-V60L- SLQRMFNNC	1948	1712
>EGFR-V60L- SLQRMFNNC	6	>EGFR-V60L- SLQRMFNNC	54	48
>EGFR-V60L- SLQRMFNNC	7	>EGFR-V60L- SLQRMFNNC	37	30
>EGFR-V60L- SLQRMFNNC	11	>EGFR-V60L- SLQRMFNNC	85	74
>EGFR-V60L- SLQRMFNNC	70	>EGFR-V60L- SLQRMFNNC	1058	988
>EGFR-V60L- SLQRMFNNC	2	>EGFR-V60L- SLQRMFNNC	4	2
>EGFR-V60L- SLQRMFNNC	1445	>EGFR-V60L- SLQRMFNNC	376	1069
>EGFR-V60L- CEVVLGNL	601	>EGFR-V60L- CELVLGNL	476	125
>EGFR-V60L- CEVVLGNLEI	276	>EGFR-V60L- CELVLGNLEI	87	189
>EGFR-V60L- CEVVLGNL	89	>EGFR-V60L- CELVLGNL	231	142
>EGFR-V60L- CEVVLGNL	398	>EGFR-V60L- CELVLGNL	159	239
>EGFR-V60L- CEVVLGNLEI	493	>EGFR-V60L- CELVLGNLEI	774	281
>EGFR-V60L- CEVVLGNLEIT	853	>EGFR-V60L- CELVLGNLEIT	386	467
>EGFR-V60L- CEVVLGNLEI	328	>EGFR-V60L- CELVLGNLEI	407	79
>EGFR-V60L- CEVVLGNLEI	1094	>EGFR-V60L- CELVLGNLEI	279	815
>EGFR-V60L- CEVVLGNLEIT	643	>EGFR-V60L- CELVLGNLEIT	351	292
>EGFR-V60L- MFNNCEVV	649	>EGFR-V60L- MFNNCELV	150	499
>EGFR-V60L- MFNNCEVVL	473	>EGFR-V60L- MFNNCELV	632	159
>EGFR-V60L- MFNNCEVVL	277	>EGFR-V60L- MFNNCELV	399	122

>EGFR-V60L- RMFNNCEV	11	>EGFR-V60L- RMFNNCEL	22	11
>EGFR-V60L- RMFNNCEVV	32	>EGFR-V60L- RMFNNCELV	12	20
>EGFR-V60L- RMFNNCEVV	59	>EGFR-V60L- RMFNNCELV	29	30
>EGFR-V60L- RMFNNCEV	9	>EGFR-V60L- RMFNNCEL	12	3
>EGFR-V60L- RMFNNCEVV	27	>EGFR-V60L- RMFNNCELV	7	20
>EGFR-V60L- RMFNNCEVV	36	>EGFR-V60L- RMFNNCELV	22	14
>EGFR-V60L- RMFNNCEV	8	>EGFR-V60L- RMFNNCEL	40	32
>EGFR-V60L- RMFNNCEVV	11	>EGFR-V60L- RMFNNCELV	6	5
>EGFR-V60L- RMFNNCEVV	182	>EGFR-V60L- RMFNNCELV	89	93
>EGFR-V60L- RMFNNCEV	14	>EGFR-V60L- RMFNNCEL	79	65
>EGFR-V60L- RMFNNCEVV	36	>EGFR-V60L- RMFNNCELV	15	21
>EGFR-V60L- RMFNNCEVV	683	>EGFR-V60L- RMFNNCELV	337	346
>EGFR-V60L- RMFNNCEV	2	>EGFR-V60L- RMFNNCEL	3	1
>EGFR-V60L- RMFNNCEVV	2	>EGFR-V60L- RMFNNCELV	2	0
>EGFR-V60L- RMFNNCEVV	7	>EGFR-V60L- RMFNNCELV	8	1
>EGFR-V60L- RMFNNCEVV	342	>EGFR-V60L- RMFNNCELV	447	105
>EGFR-V60L- RMFNNCEV	4	>EGFR-V60L- RMFNNCEL	9	5
>EGFR-V60L- RMFNNCEVV	4	>EGFR-V60L- RMFNNCELV	5	1
>EGFR-V60L- RMFNNCEVV	11	>EGFR-V60L- RMFNNCELV	16	5
>EGFR-V60L- RMFNNCEV	5	>EGFR-V60L- RMFNNCEL	12	7
>EGFR-V60L- RMFNNCEVV	8	>EGFR-V60L- RMFNNCELV	7	1
>EGFR-V60L- RMFNNCEVV	28	>EGFR-V60L- RMFNNCELV	29	1
>EGFR-V60L- RMFNNCEV	6	>EGFR-V60L- RMFNNCEL	39	33
>EGFR-V60L- RMFNNCEVV	7	>EGFR-V60L- RMFNNCELV	7	0
>EGFR-V60L- RMFNNCEVV	117	>EGFR-V60L- RMFNNCELV	221	104
>EGFR-V60L- RMFNNCEV	2	>EGFR-V60L- RMFNNCEL	5	3
>EGFR-V60L- RMFNNCEVV	5	>EGFR-V60L- RMFNNCELV	4	1
>EGFR-V60L- RMFNNCEVV	17	>EGFR-V60L- RMFNNCELV	18	1
>EGFR-V60L- RMFNNCEV	498	>EGFR-V60L- RMFNNCEL	811	313
>EGFR-V60L- RMFNNCEV	53	>EGFR-V60L- RMFNNCEL	14	39
>EGFR-V60L- RMFNNCEVV	49	>EGFR-V60L- RMFNNCELV	89	40
>EGFR-V60L- RMFNNCEVV	12	>EGFR-V60L- RMFNNCELV	18	6
>EGFR-V60L- RMFNNCEVV	331	>EGFR-V60L- RMFNNCELV	570	239
>EGFR-V60L- RMFNNCEV	155	>EGFR-V60L- RMFNNCEL	73	82
>EGFR-V60L- RMFNNCEVV	76	>EGFR-V60L- RMFNNCELV	483	407
>EGFR-V60L- RMFNNCEVV	63	>EGFR-V60L- RMFNNCELV	71	8
>EGFR-V60L- RMFNNCEV	20	>EGFR-V60L- RMFNNCEL	11	9
>EGFR-V60L- RMFNNCEVV	17	>EGFR-V60L- RMFNNCELV	58	41
>EGFR-V60L- RMFNNCEVV	6	>EGFR-V60L- RMFNNCELV	9	3
>EGFR-V60L- RMFNNCEV	3300	>EGFR-V60L- RMFNNCEL	208	3092
>EGFR-V60L- RMFNNCEVV	218	>EGFR-V60L- RMFNNCELV	415	197
>EGFR-V60L- RMFNNCEVV	91	>EGFR-V60L- RMFNNCELV	118	27
>EGFR-V60L- QRMFNNCEV	528	>EGFR-V60L- QRMFNNCEL	254	274

>EGFR-V60L- QRMFNCEV	160	>EGFR-V60L- QRMFNCEV	242	82
>EGFR-V60L- QRMFNCEV	921	>EGFR-V60L- QRMFNCEV	343	578
>EGFR-V60L- QRMFNCEV	234	>EGFR-V60L- QRMFNCEV	200	34
>EGFR-V60L- QRMFNCEV	4200	>EGFR-V60L- QRMFNCEV	332	3868
>EGFR-V60L- QRMFNCEV	43	>EGFR-V60L- QRMFNCEV	55	12
>EGFR-V60L- QRMFNCEV	1436	>EGFR-V60L- QRMFNCEV	217	1219
>EGFR-V60L- QRMFNCEV	165	>EGFR-V60L- QRMFNCEV	100	65
>EGFR-V60L- QRMFNCEV	644	>EGFR-V60L- QRMFNCEV	51	593
>EGFR-V60L- QRMFNCEV	46	>EGFR-V60L- QRMFNCEV	29	17
>EGFR-V60L- LQRMFNCE	298	>EGFR-V60L- LQRMFNCE	1730	1432
>EGFR-V60L- LQRMFNCE	613	>EGFR-V60L- LQRMFNCE	214	399
>EGFR-V60L- LQRMFNCE	242	>EGFR-V60L- LQRMFNCE	402	160
>EGFR-V60L- LQRMFNCE	241	>EGFR-V60L- LQRMFNCE	101	140
>EGFR-V60L- LQRMFNCE	139	>EGFR-V60L- LQRMFNCE	800	661
>EGFR-V60L- LQRMFNCE	31	>EGFR-V60L- LQRMFNCE	17	14
>EGFR-V60L- LQRMFNCE	25	>EGFR-V60L- LQRMFNCE	65	40
>EGFR-V651FVGALLLL	1203	>EGFR-V651FVGALLLL	209	994
>EGFR-V651FVGALLLLV	821	>EGFR-V651FVGALLLLV	145	676
>EGFR-V651FVGALLLLV	945	>EGFR-V651FVGALLLLV	216	729
>EGFR-V651FVGALLLLV	8223	>EGFR-V651FVGALLLLV	224	7999
>EGFR-V651FVVGALLLL	180	>EGFR-V651FVVGALLLL	16	164
>EGFR-V651FVVGALLLL	103	>EGFR-V651FVVGALLLL	14	89
>EGFR-V651FVVGALLLLV	88	>EGFR-V651FVVGALLLLV	18	70
>EGFR-V651FVVGALLLLV	116	>EGFR-V651FVVGALLLLV	15	101
>EGFR-V651FVVGALLLL	92	>EGFR-V651FVVGALLLL	8	84
>EGFR-V651FVVGALLLL	81	>EGFR-V651FVVGALLLL	8	73
>EGFR-V651FVVGALLLLV	69	>EGFR-V651FVVGALLLLV	13	56
>EGFR-V651FVVGALLLLV	278	>EGFR-V651FVVGALLLLV	21	257
>EGFR-V651FVVGALLLL	606	>EGFR-V651FVVGALLLL	33	573
>EGFR-V651FVVGALLLL	526	>EGFR-V651FVVGALLLL	35	491
>EGFR-V651FVVGALLLLV	46	>EGFR-V651FVVGALLLLV	12	34
>EGFR-V651FVVGALLLLV	140	>EGFR-V651FVVGALLLLV	13	127
>EGFR-V651FVVGALLLL	130	>EGFR-V651FVVGALLLL	65	65
>EGFR-V651FVVGALLLL	113	>EGFR-V651FVVGALLLL	60	53
>EGFR-V651FVVGALLLLV	68	>EGFR-V651FVVGALLLLV	52	16
>EGFR-V651FVVGALLLLV	40	>EGFR-V651FVVGALLLLV	21	19
>EGFR-V651FVVGALLLL	930	>EGFR-V651FVVGALLLL	7	923
>EGFR-V651FVVGALLLL	848	>EGFR-V651FVVGALLLL	6	842
>EGFR-V651FVVGALLLLV	51	>EGFR-V651FVVGALLLLV	2	49
>EGFR-V651FVVGALLLLV	54	>EGFR-V651FVVGALLLLV	2	52
>EGFR-V651FVVGALLLL	5583	>EGFR-V651FVVGALLLL	26	5557
>EGFR-V651FVVGALLLL	6102	>EGFR-V651FVVGALLLL	29	6073
>EGFR-V651FVVGALLLLV	841	>EGFR-V651FVVGALLLLV	6	835



>EGFR-V651F MVGALLLLL	566	>EGFR-V651F MMGALLLLL	5	561
>EGFR-V651F MVGALLLL	2202	>EGFR-V651F MMGALLLL	21	2181
>EGFR-V651F MVGALLLLL	1853	>EGFR-V651F MMGALLLLL	21	1832
>EGFR-V651F MVGALLLLL	124	>EGFR-V651F MMGALLLLL	6	118
>EGFR-V651F MVGALLLLL	175	>EGFR-V651F MMGALLLLL	7	168
>EGFR-V651F MVGALLLL	5806	>EGFR-V651F MMGALLLL	33	5773
>EGFR-V651F MVGALLLLL	6561	>EGFR-V651F MMGALLLLL	52	6509
>EGFR-V651F MVGALLLLL	651	>EGFR-V651F MMGALLLLL	4	647
>EGFR-V651F MVGALLLLL	453	>EGFR-V651F MMGALLLLL	4	449
>EGFR-V651F MVGALLLL	220	>EGFR-V651F MMGALLLL	3	217
>EGFR-V651F MVGALLLLL	262	>EGFR-V651F MMGALLLLL	3	259
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>EGFR-V651F MVGALLLLL	14	>EGFR-V651F MMGALLLLL	2	12
>EGFR-V651F MVGALLLLL	1864	>EGFR-V651F MMGALLLLL	463	1401
>EGFR-V651F MVGALLLL	229	>EGFR-V651F MMGALLLL	6020	5791
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>EGFR-V651F MVGALLLLL	390	>EGFR-V651F MMGALLLLL	1220	830
>EGFR-V651F MVGALLLLL	66	>EGFR-V651F MMGALLLLL	2272	2206
>EGFR-V651F MVGALLLLL	49	>EGFR-V651F MMGALLLLL	263	214
>EGFR-V651F MVGALLLLL	138	>EGFR-V651F MMGALLLLL	704	566
>EGFR-V651F MVGALLLLL	331	>EGFR-V651F MMGALLLLL	488	157
>EGFR-V651F MVGALLLLL	3602	>EGFR-V651F MMGALLLLL	308	3294
>EGFR-V651F MVGALLLLL	217	>EGFR-V651F MMGALLLLL	81	136
>EGFR-V651F PKIPSIATGM	1510	>EGFR-V651F PKIPSIATGMI	426	1084
>EGFR-V651F GMVGALL	83	>EGFR-V651F GMMGALL	12	71
>EGFR-V651F GMVGALLLL	29	>EGFR-V651F GMMGALLLL	8	21
>EGFR-V651F GMVGALLLLL	74	>EGFR-V651F GMMGALLLL	13	61
>EGFR-V651F GMVGALLLLL	15	>EGFR-V651F GMMGALLLL	7	8
>EGFR-V651F GMVGALL	23	>EGFR-V651F GMMGALL	6	17
>EGFR-V651F GMVGALLLL	10	>EGFR-V651F GMMGALLLL	3	7
>EGFR-V651F GMVGALLLLL	15	>EGFR-V651F GMMGALLLL	7	8
>EGFR-V651F GMVGALLLLL	12	>EGFR-V651F GMMGALLLL	4	8
>EGFR-V651F GMVGALL	47	>EGFR-V651F GMMGALL	12	35
>EGFR-V651F GMVGALLLL	26	>EGFR-V651F GMMGALLLL	8	18
>EGFR-V651F GMVGALLLLL	54	>EGFR-V651F GMMGALLLL	18	36
>EGFR-V651F GMVGALLLLL	8	>EGFR-V651F GMMGALLLL	4	4
>EGFR-V651F GMVGALL	71	>EGFR-V651F GMMGALL	24	47
>EGFR-V651F GMVGALLLL	28	>EGFR-V651F GMMGALLLL	11	17
>EGFR-V651F GMVGALLLLL	96	>EGFR-V651F GMMGALLLL	56	40
>EGFR-V651F GMVGALLLLL	10	>EGFR-V651F GMMGALLLL	5	5
>EGFR-V651F GMVGALL	27	>EGFR-V651F GMMGALL	10	17
>EGFR-V651F GMVGALLLL	19	>EGFR-V651F GMMGALLLL	8	11
>EGFR-V651F GMVGALLLLL	18	>EGFR-V651F GMMGALLLL	7	11

>EGFR-V651I GMVGALLLL	4	>EGFR-V651I GMMGALLLL	2	2
>EGFR-V651I GMVGALLL	56	>EGFR-V651I GMMGALLL	9	47
>EGFR-V651I GMVGALLLL	43	>EGFR-V651I GMMGALLLL	7	36
>EGFR-V651I GMVGALLLL	43	>EGFR-V651I GMMGALLLL	7	36
>EGFR-V651I GMVGALLLL	7	>EGFR-V651I GMMGALLLL	3	4
>EGFR-V651I GMVGALLL	27	>EGFR-V651I GMMGALLL	15	12
>EGFR-V651I GMVGALLLL	20	>EGFR-V651I GMMGALLLL	12	8
>EGFR-V651I GMVGALLLL	23	>EGFR-V651I GMMGALLLL	14	9
>EGFR-V651I GMVGALLLL	6	>EGFR-V651I GMMGALLLL	5	1
>EGFR-V651I GMVGALLL	977	>EGFR-V651I GMMGALLL	13	964
>EGFR-V651I GMVGALLLL	462	>EGFR-V651I GMMGALLLL	8	454
>EGFR-V651I GMVGALLLL	721	>EGFR-V651I GMMGALLLL	12	709
>EGFR-V651I GMVGALLLL	49	>EGFR-V651I GMMGALLLL	3	46
>EGFR-V651I GMVGALLL	7	>EGFR-V651I GMMGALLL	4	3
>EGFR-V651I GMVGALLLL	5	>EGFR-V651I GMMGALLLL	3	2
>EGFR-V651I GMVGALLLL	5	>EGFR-V651I GMMGALLLL	4	1
>EGFR-V651I GMVGALLLL	2	>EGFR-V651I GMMGALLLL	2	0
>EGFR-V651I GMVGALLLL	375	>EGFR-V651I GMMGALLLL	396	21
>EGFR-V651I GMVGALLL	1420	>EGFR-V651I GMMGALLL	365	1055
>EGFR-V651I GMVGALLL	425	>EGFR-V651I GMMGALLL	194	231
>EGFR-V651I GMVGALLLL	354	>EGFR-V651I GMMGALLLL	169	185
>EGFR-V651I GMVGALLLL	305	>EGFR-V651I GMMGALLLL	150	155
>EGFR-V651I GMVGALLLL	404	>EGFR-V651I GMMGALLLL	200	204
>EGFR-V651I ATGMVGAL	245	>EGFR-V651I ATGMMGAL	60	185
>EGFR-V651I ATGMVGALL	172	>EGFR-V651I ATGMMGALI	31	141
>EGFR-V651I ATGMVGALL	67	>EGFR-V651I ATGMMGALI	21	46
>EGFR-V651I ATGMVGALL	127	>EGFR-V651I ATGMMGALI	39	88
>EGFR-V651I ATGMVGALL	17	>EGFR-V651I ATGMMGALI	19	2
>EGFR-V651I ATGMVGALL	48	>EGFR-V651I ATGMMGALI	42	6
>EGFR-V651I ATGMVGALL	28	>EGFR-V651I ATGMMGALI	29	1
>EGFR-V651I ATGMVGALL	74	>EGFR-V651I ATGMMGALI	90	16
>EGFR-V651I ATGMVGALL	650	>EGFR-V651I ATGMMGALI	228	422
>EGFR-V651I ATGMVGALL	168	>EGFR-V651I ATGMMGALI	190	22
>EGFR-V651I IATGMVGAL	697	>EGFR-V651I IATGMMGAL	253	444
>EGFR-V651I IATGMVGAL	305	>EGFR-V651I IATGMMGAL	106	199
>EGFR-V651I IATGMVGALI	237	>EGFR-V651I IATGMMGALI	80	157
>EGFR-V651I IATGMVGALI	93	>EGFR-V651I IATGMMGALI	51	42
>EGFR-V651I IATGMVGALI	46	>EGFR-V651I IATGMMGALI	41	5
>EGFR-V651I IATGMVGALI	114	>EGFR-V651I IATGMMGALI	83	31
>EGFR-V651I IATGMVGALI	443	>EGFR-V651I IATGMMGALI	250	193
>EGFR-V651I SIATGMVGAI	394	>EGFR-V651I SIATGMMGA	439	45
>EGFR-V651I SIATGMVGA	375	>EGFR-V651I SIATGMMGA	603	228
>EGFR-V651I SIATGMVGAI	111	>EGFR-V651I SIATGMMGA	89	22

>EGFR-V651I SIATGMVGAI	24	>EGFR-V651I SIATGMMGA	30	6
>EGFR-V651I SIATGMVGA	34	>EGFR-V651I SIATGMMGA	13	21
>EGFR-V651I SIATGMVGAI	119	>EGFR-V651I SIATGMMGA	111	8
>EGFR-V651I SIATGMVGAI	58	>EGFR-V651I SIATGMMGA	40	18
>EGFR-V651I SIATGMVGA	81	>EGFR-V651I SIATGMMGA	82	1
>EGFR-V651I SIATGMVGAI	156	>EGFR-V651I SIATGMMGA	191	35
>EGFR-V651I SIATGMVGAI	255	>EGFR-V651I SIATGMMGA	499	244
>EGFR-V651I SIATGMVGA	304	>EGFR-V651I SIATGMMGA	247	57
>EGFR-V651I SIATGMVGAI	236	>EGFR-V651I SIATGMMGA	377	141
>EGFR-V651I SIATGMVGAI	88	>EGFR-V651I SIATGMMGA	67	21
>EGFR-V651I SIATGMVGAI	95	>EGFR-V651I SIATGMMGA	49	46
>EGFR-V651I SIATGMVGA	51	>EGFR-V651I SIATGMMGA	37	14
>EGFR-V651I SIATGMVGAI	483	>EGFR-V651I SIATGMMGA	369	114
>EGFR-V651I SIATGMVGAI	84	>EGFR-V651I SIATGMMGA	123	39
>EGFR-V651I SIATGMVGA	583	>EGFR-V651I SIATGMMGA	331	252
>EGFR-V651I SIATGMVGAI	644	>EGFR-V651I SIATGMMGA	389	255
>EGFR-V651I PSATGMV	14578	>EGFR-V651I PSATGMM	338	14240
>EGFR-V651I PSATGMVG/	697	>EGFR-V651I PSATGMMG	344	353
>EGFR-V651I PSATGMV	5906	>EGFR-V651I PSATGMM	374	5532
>EGFR-V651I IPSIATGMV	1316	>EGFR-V651I IPSIATGMM	95	1221
>EGFR-V651I IPSIATGMV	79	>EGFR-V651I IPSIATGMM	22	57
>EGFR-V651I IPSIATGMV	2504	>EGFR-V651I IPSIATGMM	26	2478
>EGFR-V651I IPSIATGMV	480	>EGFR-V651I IPSIATGMM	2043	1563
>EGFR-V651I IPSIATGMVG	74	>EGFR-V651I IPSIATGMMG	151	77
>EGFR-V651I KIPSIATGMV	442	>EGFR-V651I KIPSIATGMM	2073	1631
>EGFR-V651I KIPSIATGMV	91	>EGFR-V651I KIPSIATGMM	2463	2372
>EGFR-V651I KIPSIATGMV	454	>EGFR-V651I KIPSIATGMM	6342	5888
>EGFR-V651I KIPSIATGMV	73	>EGFR-V651I KIPSIATGMM	5697	5624
>EGFR-V651I KIPSIATGMV	149	>EGFR-V651I KIPSIATGMM	11193	11044
>EGFR-V651I KIPSIATGMV	99	>EGFR-V651I KIPSIATGMM	15021	14922
>EGFR-V651I KIPSIATGMV	706	>EGFR-V651I KIPSIATGMM	130	576
>EGFR-V651I KIPSIATGMV	5407	>EGFR-V651I KIPSIATGMM	152	5255
>EGFR-V689I LVEPLTPSGE/	6341	>EGFR-V689I LLEPLTPSGE/	390	5951
>EGFR-V689I LVEPLTPSGE/	3186	>EGFR-V689I LLEPLTPSGE/	22	3164
>EGFR-V689I LRRLLQEREL\	917	>EGFR-V689I LRRLLQEREL	373	544
>EGFR-V689I LRRLLQEREL\	1240	>EGFR-V689I LRRLLQEREL	220	1020
>EGFR-V689I LRRLLQEREL\	919	>EGFR-V689I LRRLLQEREL	56	863
>EGFR-V689I ELVEPLTPS	2247	>EGFR-V689I ELLEPLTPS	348	1899
>EGFR-V689I ELVEPLTPS	455	>EGFR-V689I ELLEPLTPS	2647	2192
>EGFR-V689I ELVEPLTPS	979	>EGFR-V689I ELLEPLTPS	155	824
>EGFR-V689I RELVEPLT	318	>EGFR-V689I RELLEPLT	176	142
>EGFR-V689I RELVEPLTPS	500	>EGFR-V689I RELLEPLTPS	424	76
>EGFR-V689I RELVEPLT	488	>EGFR-V689I RELLEPLT	591	103

>EGFR-V689I RELVEPLTPSC	502	>EGFR-V689I RELLEPLTPSC	471	31
>EGFR-V689I ERELVEPL	497	>EGFR-V689I ERELLEPL	964	467
>EGFR-V689I ERELVEPL	1599	>EGFR-V689I ERELLEPL	340	1259
>EGFR-V689I QERELVEPL	172	>EGFR-V689I QERELLEPL	138	34
>EGFR-V689I QERELVEPL	34	>EGFR-V689I QERELLEPL	28	6
>EGFR-V689I QERELVEPL	293	>EGFR-V689I QERELLEPL	216	77
>EGFR-V689I QERELVEPL	26	>EGFR-V689I QERELLEPL	26	0
>EGFR-V689I QERELVEPLT	517	>EGFR-V689I QERELLEPLT	399	118
>EGFR-V689I QERELVEPL	9	>EGFR-V689I QERELLEPL	8	1
>EGFR-V689I LQERELVEPL	951	>EGFR-V689I LQERELLEPL	497	454
>EGFR-V689I LLQERELV	53	>EGFR-V689I LLQERELL	164	111
>EGFR-V689I LLQERELVEPI	40	>EGFR-V689I LLQERELLEPL	29	11
>EGFR-V689I LLQERELV	33	>EGFR-V689I LLQERELL	37	4
>EGFR-V689I LLQERELVEPI	30	>EGFR-V689I LLQERELLEPL	22	8
>EGFR-V689I LLQERELV	46	>EGFR-V689I LLQERELL	556	510
>EGFR-V689I LLQERELVEPI	78	>EGFR-V689I LLQERELLEPL	74	4
>EGFR-V689I LLQERELV	153	>EGFR-V689I LLQERELL	1250	1097
>EGFR-V689I LLQERELVEPI	154	>EGFR-V689I LLQERELLEPL	80	74
>EGFR-V689I LLQERELV	7	>EGFR-V689I LLQERELL	65	58
>EGFR-V689I LLQERELVEPI	9	>EGFR-V689I LLQERELLEPL	11	2
>EGFR-V689I LLQERELV	21	>EGFR-V689I LLQERELL	117	96
>EGFR-V689I LLQERELVEPI	10	>EGFR-V689I LLQERELLEPL	11	1
>EGFR-V689I LLQERELV	25	>EGFR-V689I LLQERELL	380	355
>EGFR-V689I LLQERELVEPI	66	>EGFR-V689I LLQERELLEPL	76	10
>EGFR-V689I LLQERELV	59	>EGFR-V689I LLQERELL	1048	989
>EGFR-V689I LLQERELVEPI	115	>EGFR-V689I LLQERELLEPL	148	33
>EGFR-V689I LLQERELV	2	>EGFR-V689I LLQERELL	6	4
>EGFR-V689I LLQERELVEPI	4	>EGFR-V689I LLQERELLEPL	4	0
>EGFR-V689I LLQERELVEPI	436	>EGFR-V689I LLQERELLEPL	629	193
>EGFR-V689I LLQERELVEPI	394	>EGFR-V689I LLQERELLEPL	740	346
>EGFR-V689I RLLQERELV	233	>EGFR-V689I RLLQERELL	1147	914
>EGFR-V689I RLLQERELV	112	>EGFR-V689I RLLQERELL	146	34
>EGFR-V689I RLLQERELV	141	>EGFR-V689I RLLQERELL	1410	1269
>EGFR-V689I RLLQERELV	7	>EGFR-V689I RLLQERELL	88	81
>EGFR-V689I RLLQERELV	189	>EGFR-V689I RLLQERELL	1925	1736
>EGFR-V689I RLLQERELV	15	>EGFR-V689I RLLQERELL	214	199
>EGFR-V689I RLLQERELV	102	>EGFR-V689I RLLQERELL	2260	2158
>EGFR-V689I RLLQERELV	8	>EGFR-V689I RLLQERELL	24	16
>EGFR-V689I RLLQERELV	59	>EGFR-V689I RLLQERELL	14	45
>EGFR-V689I RLLQERELV	91	>EGFR-V689I RLLQERELL	22	69
>EGFR-V689I RLLQERELV	443	>EGFR-V689I RLLQERELLE	297	146
>EGFR-V689I RLLQERELV	138	>EGFR-V689I RLLQERELL	35	103
>EGFR-V717/VLGSAGFGTV	73	>EGFR-V717/VLGSAGFGTV	64	9

>EGFR-V717/VLGSAGFGTV	41	>EGFR-V717/ALGSAGFGTV	22	19
>EGFR-V717/VLGSAGFGTV	21	>EGFR-V717/ALGSAGFGTV	13	8
>EGFR-V717/VLGSAGFGT	68	>EGFR-V717/ALGSAGFGT	94	26
>EGFR-V717/VLGSAGFGTV	3	>EGFR-V717/ALGSAGFGTV	3	0
>EGFR-V717/VLGSAGFGTV	7	>EGFR-V717/ALGSAGFGTV	7	0
>EGFR-V717/VLGSAGFGT	103	>EGFR-V717/ALGSAGFGT	130	27
>EGFR-V717/VLGSAGFGTV	7	>EGFR-V717/ALGSAGFGTV	7	0
>EGFR-V717/VLGSAGFGT	75	>EGFR-V717/ALGSAGFGT	211	136
>EGFR-V717/VLGSAGFGTV	5	>EGFR-V717/ALGSAGFGTV	8	3
>EGFR-V717/VLGSAGFGT	14	>EGFR-V717/ALGSAGFGT	14	0
>EGFR-V717/VLGSAGFGTV	2	>EGFR-V717/ALGSAGFGTV	2	0
>EGFR-V717/VLGSAGFGTV	64	>EGFR-V717/ALGSAGFGTV	107	43
>EGFR-V717/VLGSAGFGTV	54	>EGFR-V717/ALGSAGFGTV	80	26
>EGFR-V717/VLGSAGFGTV	26	>EGFR-V717/ALGSAGFGTV	55	29
>EGFR-V717/VLGSAGFGTV	73	>EGFR-V717/ALGSAGFGTV	65	8
>EGFR-V717/VLGSAGFGTV	87	>EGFR-V717/ALGSAGFGTV	125	38
>EGFR-V717/VLGSAGFGTV	421	>EGFR-V717/ALGSAGFGTV	293	128
>EGFR-V717/VLGSAGFGTV	227	>EGFR-V717/ALGSAGFGTV	372	145
>EGFR-V717/KVLGSAGFGT	294	>EGFR-V717/KALGSAGFGT	2237	1943
>EGFR-V717/KVLGSAGFGT	123	>EGFR-V717/KALGSAGFGT	1013	890
>EGFR-V717/KVLGSAGFGT	9	>EGFR-V717/KALGSAGFGT	26	17
>EGFR-V717/KVLGSAGFGT	12	>EGFR-V717/KALGSAGFGT	47	35
>EGFR-V717/KVLGSAGFGT	78	>EGFR-V717/KALGSAGFGT	1267	1189
>EGFR-V717/KVLGSAGFGT	28	>EGFR-V717/KALGSAGFGT	211	183
>EGFR-V717/KVLGSAGFGT	176	>EGFR-V717/KALGSAGFGT	2109	1933
>EGFR-V717/KVLGSAGFGT	15	>EGFR-V717/KALGSAGFGT	184	169
>EGFR-V717/KVLGSAGFG	103	>EGFR-V717/KALGSAGFG	392	289
>EGFR-V717/KVLGSAGFGT	76	>EGFR-V717/KALGSAGFGT	278	202
>EGFR-V717/KVLGSAGF	32	>EGFR-V717/KALGSAGF	454	422
>EGFR-V717/KVLGSAGFGT	324	>EGFR-V717/KALGSAGFGT	944	620
>EGFR-V717/KVLGSAGF	172	>EGFR-V717/KALGSAGF	264	92
>EGFR-V717/KVLGSAGF	345	>EGFR-V717/KALGSAGF	1246	901
>EGFR-V717/KVLGSAGF	165	>EGFR-V717/KALGSAGF	42	123
>EGFR-V717/KVLGSAGF	16	>EGFR-V717/KALGSAGF	6	10
>EGFR-V717/KVLGSAGFGT	3039	>EGFR-V717/KALGSAGFGT	337	2702
>EGFR-V717/KVLGSAGFGT	1414	>EGFR-V717/KALGSAGFGT	153	1261
>EGFR-V717/KVLGSAGF	763	>EGFR-V717/KALGSAGF	259	504
>EGFR-V717/KVLGSAGF	476	>EGFR-V717/KALGSAGF	69	407
>EGFR-V717/IKVLGSAGF	9	>EGFR-V717/IKALGSAGF	9	0
>EGFR-V717/KIKVLGSGA	405	>EGFR-V717/KIKALGSGA	69	336
>EGFR-V717/KIKVLGSG	289	>EGFR-V717/KIKALGSG	142	147
>EGFR-V717/KIKVLGSGA	72	>EGFR-V717/KIKALGSGA	45	27
>EGFR-V717/KIKVLGSGAF	50	>EGFR-V717/KIKALGSGAF	36	14

>EGFR-V717/KIKVLGSGAF	63	>EGFR-V717/KIKALGSGAF	44	19
>EGFR-V717/KIKVLGSGAF	672	>EGFR-V717/KIKALGSGAF	328	344
>EGFR-V717/KIKVLGSGAF	245	>EGFR-V717/KIKALGSGAF	196	49
>EGFR-V717/KKIKVLGSGA	700	>EGFR-V717/KKIKALGSGA	489	211
>EGFR-V717/KKIKVLGSGA	7	>EGFR-V717/KKIKALGSGA	5	2
>EGFR-V717/EFKKIKVL	674	>EGFR-V717/EFKKIKAL	309	365
>EGFR-V717/TEFKKIKVL	51	>EGFR-V717/TEFKKIKAL	55	4
>EGFR-V717/TEFKKIKVL	462	>EGFR-V717/TEFKKIKAL	161	301
>EGFR-V717/TEFKKIKVL	284	>EGFR-V717/TEFKKIKAL	108	176
>EGFR-V717/TEFKKIKV	361	>EGFR-V717/TEFKKIIKA	421	60
>EGFR-V717/TEFKKIKVL	68	>EGFR-V717/TEFKKIKAL	48	20
>EGFR-V717/TEFKKIKVL	460	>EGFR-V717/TEFKKIKAL	299	161
>EGFR-V717/TEFKKIKV	1892	>EGFR-V717/TEFKKIIKA	336	1556
>EGFR-V717/TEFKKIKVL	85	>EGFR-V717/TEFKKIKAL	64	21
>EGFR-V717/ETEFKKIKV	201	>EGFR-V717/ETEFKKIIKA	2908	2707
>EGFR-V717/KETEFKKIKV	274	>EGFR-V717/KETEFKKIIKA	7380	7106
>EGFR-V717/KETEFKKIKVL	128	>EGFR-V717/KETEFKKIKAL	156	28
>EGFR-V717/KETEFKKIKVL	51	>EGFR-V717/KETEFKKIKAL	28	23
>EGFR-V717/KETEFKKIKVL	75	>EGFR-V717/KETEFKKIKAL	52	23
>EGFR-V717/KETEFKKIKVL	105	>EGFR-V717/KETEFKKIKAL	84	21
>EGFR-V726I VYKGLWIPE	2095	>EGFR-V726I MYKGLWIPE	145	1950
>EGFR-V726I VYKGLWIPE	1937	>EGFR-V726I MYKGLWIPE	108	1829
>EGFR-V726I TVYKGLWI	1110	>EGFR-V726I TMYKGLWI	45	1065
>EGFR-V726I TVYKGLWI	1940	>EGFR-V726I TMYKGLWI	147	1793
>EGFR-V726I TVYKGLWI	153	>EGFR-V726I TMYKGLWI	14	139
>EGFR-V726I TVYKGLWI	168	>EGFR-V726I TMYKGLWI	121	47
>EGFR-V726I TVYKGLWI	444	>EGFR-V726I TMYKGLWI	6	438
>EGFR-V726I TVYKGLWIPE	6449	>EGFR-V726I TMYKGLWIPI	101	6348
>EGFR-V726I TVYKGLWI	5788	>EGFR-V726I TMYKGLWI	99	5689
>EGFR-V726I TVYKGLWI	994	>EGFR-V726I TMYKGLWI	20	974
>EGFR-V726I TVYKGLWI	893	>EGFR-V726I TMYKGLWI	14	879
>EGFR-V726I TVYKGLWI	463	>EGFR-V726I TMYKGLWI	6055	5592
>EGFR-V726I TVYKGLWI	191	>EGFR-V726I TMYKGLWI	719	528
>EGFR-V726I TVYKGLWI	265	>EGFR-V726I TMYKGLWI	632	367
>EGFR-V726I KVLGSGAFGT	294	>EGFR-V726I KVLGSGAFGT	5876	5582
>EGFR-V726I KVLGSGAFGT	123	>EGFR-V726I KVLGSGAFGT	5560	5437
>EGFR-V726I KVLGSGAFGT	9	>EGFR-V726I KVLGSGAFGT	142	133
>EGFR-V726I KVLGSGAFGT	12	>EGFR-V726I KVLGSGAFGT	1294	1282
>EGFR-V726I KVLGSGAFGT	78	>EGFR-V726I KVLGSGAFGT	6049	5971
>EGFR-V726I KVLGSGAFGT	28	>EGFR-V726I KVLGSGAFGT	5001	4973
>EGFR-V726I KVLGSGAFGT	176	>EGFR-V726I KVLGSGAFGT	5127	4951
>EGFR-V726I KVLGSGAFGT	15	>EGFR-V726I KVLGSGAFGT	7296	7281
>EGFR-V726I KVLGSGAFGT	11348	>EGFR-V726I KVLGSGAFGT	283	11065

>EGFR-V726I KVLGSGAFGT	7686	>EGFR-V726I KVLGSGAFGT	191	7495
>EGFR-V726I KVLGSGAFGT	76	>EGFR-V726I KVLGSGAFGT	114	38
>EGFR-V726I KVLGSGAFGT	324	>EGFR-V726I KVLGSGAFGT	3240	2916
>EGFR-V726I KVLGSGAFGT	1414	>EGFR-V726I KVLGSGAFGT	40	1374
>EGFR-V726I KVLGSGAFGT	709	>EGFR-V726I KVLGSGAFGT	38	671
>EGFR-V726I GTVYKGLW	14	>EGFR-V726I GTMYKGLW	19	5
>EGFR-V726I GTVYKGLWI	24	>EGFR-V726I GTMYKGLWI	29	5
>EGFR-V726I GTVYKGLW	199	>EGFR-V726I GTMYKGLW	110	89
>EGFR-V726I GTVYKGLW	230	>EGFR-V726I GTMYKGLW	91	139
>EGFR-V726I GTVYKGLWI	118	>EGFR-V726I GTMYKGLWI	68	50
>EGFR-V726I GTVYKGLWI	166	>EGFR-V726I GTMYKGLWI	59	107
>EGFR-V726I FGTVYKGL	354	>EGFR-V726I FGTVYKGL	230	124
>EGFR-V726I FGTVYKGLW	393	>EGFR-V726I FGTVYKGLW	750	357
>EGFR-V726I FGTVYKGLW	29	>EGFR-V726I FGTVYKGLW	31	2
>EGFR-V726I AFGTVYKGL	152	>EGFR-V726I AFGTVYKGL	393	241
>EGFR-V726I AFGTVYKGLV	249	>EGFR-V726I AFGTVYKGLV	439	190
>EGFR-V726I GAFGTVYKGL	372	>EGFR-V726I GAFGTVYKGL	1223	851
>EGFR-V726I GAFGTVYK	122	>EGFR-V726I GAFGTVYK	78	44
>EGFR-V726I GAFGTVYK	9	>EGFR-V726I GAFGTVYK	6	3
>EGFR-V726I GAFGTVYK	98	>EGFR-V726I GAFGTVYK	47	51
>EGFR-V726I GAFGTVYK	222	>EGFR-V726I GAFGTVYK	216	6
>EGFR-V726I GAFGTVYK	23	>EGFR-V726I GAFGTVYK	26	3
>EGFR-V726I GAFGTVYKGL	158	>EGFR-V726I GAFGTVYKGL	65	93
>EGFR-V726I GAFGTVYKGL	38	>EGFR-V726I GAFGTVYKGL	35	3
>EGFR-V726I GAFGTVYKGL	456	>EGFR-V726I GAFGTVYKGL	693	237
>EGFR-V726I GAFGTVYKGL	46	>EGFR-V726I GAFGTVYKGL	54	8
>EGFR-V726I GAFGTVYKGL	34	>EGFR-V726I GAFGTVYKGL	46	12
>EGFR-V726I GAFGTVYKGL	279	>EGFR-V726I GAFGTVYKGL	156	123
>EGFR-V726I GAFGTVYKGL	33	>EGFR-V726I GAFGTVYKGL	24	9
>EGFR-V726I GAFGTVYK	150	>EGFR-V726I GAFGTVYK	105	45
>EGFR-V726I SGAFGTVYK	527	>EGFR-V726I SGAFGTVYK	162	365
>EGFR-V726I SGAFGTVYK	49	>EGFR-V726I SGAFGTVYK	19	30
>EGFR-V726I SGAFGTVY	580	>EGFR-V726I SGAFGTVY	147	433
>EGFR-V726I SGAFGTVYK	798	>EGFR-V726I SGAFGTVYK	189	609
>EGFR-V726I SGAFGTVY	87	>EGFR-V726I SGAFGTVY	91	4
>EGFR-V726I SGAFGTVYK	178	>EGFR-V726I SGAFGTVYK	164	14
>EGFR-V726I SGAFGTVY	188	>EGFR-V726I SGAFGTVY	565	377
>EGFR-V726I SGAFGTVY	460	>EGFR-V726I SGAFGTVY	525	65
>EGFR-V726I SGAFGTVYK	342	>EGFR-V726I SGAFGTVYK	301	41
>EGFR-V726I GSGAFGTVYK	46	>EGFR-V726I GSGAFGTVYK	27	19
>EGFR-V726I GSGAFGTVYK	29	>EGFR-V726I GSGAFGTVYK	15	14
>EGFR-V726I GSGAFGTVY	827	>EGFR-V726I GSGAFGTVY	192	635
>EGFR-V726I GSGAFGTVYK	711	>EGFR-V726I GSGAFGTVYK	277	434

>EGFR-V726I GSGAFGTVY	432	>EGFR-V726I GSGAFGTM	461	29
>EGFR-V726I GSGAFGTVYk	224	>EGFR-V726I GSGAFGTM	233	9
>EGFR-V726I GSGAFGTVY	78	>EGFR-V726I GSGAFGTM	224	146
>EGFR-V726I GSGAFGTVY	349	>EGFR-V726I GSGAFGTM	737	388
>EGFR-V726I GSGAFGTVY	62	>EGFR-V726I GSGAFGTM	65	3
>EGFR-V726I GSGAFGTV	5923	>EGFR-V726I GSGAFGTM	351	5572
>EGFR-V726I GSGAFGTVY	11	>EGFR-V726I GSGAFGTM	6	5
>EGFR-V726I GSGAFGTVYk	337	>EGFR-V726I GSGAFGTM	287	50
>EGFR-V726I LGSGAFGTVY	559	>EGFR-V726I LGSGAFGTM	242	317
>EGFR-V726I LGSGAFGTVY	125	>EGFR-V726I LGSGAFGTM	101	24
>EGFR-V726I LGSGAFGTVY	1180	>EGFR-V726I LGSGAFGTM	485	695
>EGFR-V726I LGSGAFGTVY	478	>EGFR-V726I LGSGAFGTM	219	259
>EGFR-V726I LGSGAFGTVY	93	>EGFR-V726I LGSGAFGTM	193	100
>EGFR-V726I LGSGAFGTV	12124	>EGFR-V726I LGSGAFGTM	245	11879
>EGFR-V726I LGSGAFGTV	2426	>EGFR-V726I LGSGAFGTM	160	2266
>EGFR-V726I LGSGAFGTVY	94	>EGFR-V726I LGSGAFGTM	55	39
>EGFR-V726I VLGSGAFGTV	73	>EGFR-V726I VLGSGAFGTM	1575	1502
>EGFR-V726I VLGSGAFGTV	41	>EGFR-V726I VLGSGAFGTM	161	120
>EGFR-V726I VLGSGAFGTV	21	>EGFR-V726I VLGSGAFGTM	426	405
>EGFR-V726I VLGSGAFGTV	3	>EGFR-V726I VLGSGAFGTM	81	78
>EGFR-V726I VLGSGAFGTV	7	>EGFR-V726I VLGSGAFGTM	432	425
>EGFR-V726I VLGSGAFGTV	7	>EGFR-V726I VLGSGAFGTM	303	296
>EGFR-V726I VLGSGAFGTV	5	>EGFR-V726I VLGSGAFGTM	251	246
>EGFR-V726I VLGSGAFGTV	2	>EGFR-V726I VLGSGAFGTM	45	43
>EGFR-V726I VLGSGAFGTV	64	>EGFR-V726I VLGSGAFGTM	25	39
>EGFR-V726I VLGSGAFGTV	54	>EGFR-V726I VLGSGAFGTM	56	2
>EGFR-V726I VLGSGAFGTV	26	>EGFR-V726I VLGSGAFGTM	20	6
>EGFR-V726I VLGSGAFGTV	5081	>EGFR-V726I VLGSGAFGTM	406	4675
>EGFR-V726I VLGSGAFGTV	73	>EGFR-V726I VLGSGAFGTM	140	67
>EGFR-V726I VLGSGAFGTV	87	>EGFR-V726I VLGSGAFGTM	95	8
>EGFR-V726I VLGSGAFGTV	421	>EGFR-V726I VLGSGAFGTM	649	228
>EGFR-V726I VLGSGAFGTV	227	>EGFR-V726I VLGSGAFGTM	142	85
>EGFR-V738<VKIPVAIKEL	87	>EGFR-V738<KGKIPVAIKEL	294	207
>EGFR-V738<KVKIPVAIK	124	>EGFR-V738<KGKIPVAIK	3773	3649
>EGFR-V738<KVKIPVAIK	183	>EGFR-V738<KGKIPVAIK	4983	4800
>EGFR-V738<KVKIPVAI	10	>EGFR-V738<KGKIPVAI	185	175
>EGFR-V738<KVKIPVAIK	4	>EGFR-V738<KGKIPVAIK	10	6
>EGFR-V738<KVKIPVAIKEL	29	>EGFR-V738<KGKIPVAIKEL	901	872
>EGFR-V738<KVKIPVAIK	43	>EGFR-V738<KGKIPVAIK	1182	1139
>EGFR-V738<KVKIPVAI	71	>EGFR-V738<KGKIPVAI	5427	5356
>EGFR-V738<KVKIPVAIKEL	148	>EGFR-V738<KGKIPVAIKEL	957	809
>EGFR-V738<KGLWIPEGEK	229	>EGFR-V738<KGLWIPEGEK	23660	23431
>EGFR-V738<KGLWIPEGEK	499	>EGFR-V738<KGLWIPEGEK	24643	24144



>EGFR-V738(EKVKIPVAI	151	>EGFR-V738(EKKGKIPVAI	762	611
>EGFR-V738(EKVKIPVAI	444	>EGFR-V738(EKKGKIPVAI	7444	7000
>EGFR-V738(GEKVKIPV	644	>EGFR-V738(GEKKGKIPV	197	447
>EGFR-V738(GEKVKIPV	101	>EGFR-V738(GEKKGKIPV	100	1
>EGFR-V738(GEKVKIPVA	118	>EGFR-V738(GEKKGKIPVA	139	21
>EGFR-V738(GEKVKIPVAI	188	>EGFR-V738(GEKKGKIPVAI	231	43
>EGFR-V738(GEKVKIPV	155	>EGFR-V738(GEKKGKIPV	105	50
>EGFR-V738(GEKVKIPVA	26	>EGFR-V738(GEKKGKIPVA	21	5
>EGFR-V738(GEKVKIPVA	132	>EGFR-V738(GEKKGKIPVA	621	489
>EGFR-V738(GEKVKIPVAI	45	>EGFR-V738(GEKKGKIPVAI	28	17
>EGFR-V738(IPEGEKVKIPV	188	>EGFR-V738(IPEGEKGKIPV	134	54
>EGFR-V738(IPEGEKVKI	142	>EGFR-V738(IPEGEKGKI	635	493
>EGFR-V738(IPEGEKVKIPV	311	>EGFR-V738(IPEGEKGKIPV	539	228
>EGFR-V738(WIPEGEKV	298	>EGFR-V738(WIPEGEKG	20322	20024
>EGFR-V738(WIPEGEKV	191	>EGFR-V738(WIPEGEKG	18445	18254
>EGFR-V738(WIPEGEKV	25	>EGFR-V738(WIPEGEKG	16808	16783
>EGFR-V738(WIPEGEKV	69	>EGFR-V738(WIPEGEKG	20183	20114
>EGFR-V738(WIPEGEKV	284	>EGFR-V738(WIPEGEKG	25322	25038
>EGFR-V738(WIPEGEKV	10	>EGFR-V738(WIPEGEKG	23298	23288
>EGFR-V738(WIPEGEKVKI	453	>EGFR-V738(WIPEGEKGKI	1281	828
>EGFR-V738(WIPEGEKV	381	>EGFR-V738(WIPEGEKG	18072	17691
>EGFR-V738(LWIPEGEKVK	158	>EGFR-V738(LWIPEGEKGK	616	458
>EGFR-V738(LWIPEGEKVK	37	>EGFR-V738(LWIPEGEKGK	59	22
>EGFR-V738(LWIPEGEKV	270	>EGFR-V738(LWIPEGEKG	723	453
>EGFR-V738(LWIPEGEKVK	270	>EGFR-V738(LWIPEGEKGK	251	19
>EGFR-V738(GLWIPEGEKV	251	>EGFR-V738(GLWIPEGEKC	15934	15683
>EGFR-V738(GLWIPEGEKV	329	>EGFR-V738(GLWIPEGEKC	22612	22283
>EGFR-V738(GLWIPEGEKV	3	>EGFR-V738(GLWIPEGEKC	2350	2347
>EGFR-V738(GLWIPEGEKV	28	>EGFR-V738(GLWIPEGEKC	16860	16832
>EGFR-V738(GLWIPEGEKV	6	>EGFR-V738(GLWIPEGEKC	6671	6665
>EGFR-V738(GLWIPEGEKV	87	>EGFR-V738(GLWIPEGEKC	24837	24750
>EGFR-V738(GLWIPEGEKV	7	>EGFR-V738(GLWIPEGEKC	12729	12722
>EGFR-V742/PVAIKELR	386	>EGFR-V742/PAAIKELR	730	344
>EGFR-V742/IPEGEKVKIPV	188	>EGFR-V742/IPEGEKVKIPA	844	656
>EGFR-V742/IPEGEKVKIPV	311	>EGFR-V742/IPEGEKVKIPA	81	230
>EGFR-V742/IPVAIKEL	25	>EGFR-V742/IPAAIKEL	89	64
>EGFR-V742/IPVAIKELR	150	>EGFR-V742/IPAAIKELR	71	79
>EGFR-V742/IPVAIKEL	151	>EGFR-V742/IPAAIKEL	60	91
>EGFR-V742/IPVAIKELREA	2196	>EGFR-V742/IPAAIKELREA	420	1776
>EGFR-V742/IPVAIKEL	406	>EGFR-V742/IPAAIKEL	497	91
>EGFR-V742/IPVAIKEL	340	>EGFR-V742/IPAAIKEL	588	248
>EGFR-V742/IPVAIKELREA	30	>EGFR-V742/IPAAIKELREA	48	18
>EGFR-V742/IPVAIKEL	248	>EGFR-V742/IPAAIKEL	136	112

>EGFR-V742/IPVAIKEL	498	>EGFR-V742/IPAAIKEL	658	160
>EGFR-V742/KIPVAIKEL	2304	>EGFR-V742/KIPAAIKEL	483	1821
>EGFR-V742/KIPVAIKEL	1025	>EGFR-V742/KIPAAIKEL	396	629
>EGFR-V742/KIPVAIKEL	1437	>EGFR-V742/KIPAAIKEL	454	983
>EGFR-V742/KIPVAIKELR	78	>EGFR-V742/KIPAAIKELR	51	27
>EGFR-V742/KIPVAIKELR	68	>EGFR-V742/KIPAAIKELR	36	32
>EGFR-V742/KIPVAIKEL	331	>EGFR-V742/KIPAAIKEL	115	216
>EGFR-V742/KIPVAIKELR	777	>EGFR-V742/KIPAAIKELR	316	461
>EGFR-V742/KIPVAIKELR	66	>EGFR-V742/KIPAAIKELR	39	27
>EGFR-V742/VKIPVAIKEL	87	>EGFR-V742/VKIPAAIKEL	56	31
>EGFR-V742/KVKIPVAIK	124	>EGFR-V742/KVKIPAAIK	133	9
>EGFR-V742/KVKIPVAIK	183	>EGFR-V742/KVKIPAAIK	293	110
>EGFR-V742/KVKIPVAI	10	>EGFR-V742/KVKIPAAI	9	1
>EGFR-V742/KVKIPVAIK	4	>EGFR-V742/KVKIPAAIK	4	0
>EGFR-V742/KVKIPVAIKEL	29	>EGFR-V742/KVKIPAAIKEL	32	3
>EGFR-V742/KVKIPVAIK	43	>EGFR-V742/KVKIPAAIK	114	71
>EGFR-V742/KVKIPVAI	71	>EGFR-V742/KVKIPAAI	181	110
>EGFR-V742/KVKIPVAIKEL	148	>EGFR-V742/KVKIPAAIKEL	100	48
>EGFR-V742/EKVKIPVAI	151	>EGFR-V742/EKVKIPAAI	394	243
>EGFR-V742/EKVKIPVAI	444	>EGFR-V742/EKVKIPAAI	561	117
>EGFR-V742/GEKVKIPVAI	501	>EGFR-V742/GEKVKIPAAI	356	145
>EGFR-V742/GEKVKIPV	101	>EGFR-V742/GEKVKIPA	121	20
>EGFR-V742/GEKVKIPVA	118	>EGFR-V742/GEKVKIPAA	71	47
>EGFR-V742/GEKVKIPVAI	188	>EGFR-V742/GEKVKIPAAI	299	111
>EGFR-V742/GEKVKIPV	155	>EGFR-V742/GEKVKIPA	35	120
>EGFR-V742/GEKVKIPVA	26	>EGFR-V742/GEKVKIPAA	17	9
>EGFR-V742/GEKVKIPVA	132	>EGFR-V742/GEKVKIPAA	126	6
>EGFR-V742/GEKVKIPVAI	45	>EGFR-V742/GEKVKIPAAI	73	28
>EGFR-V765I VMASVDNPI	148	>EGFR-V765I MMASVDNPI	36	112
>EGFR-V765I VMASVDNP	1497	>EGFR-V765I MMASVDNP	173	1324
>EGFR-V765I VMASVDNPI	84	>EGFR-V765I MMASVDNPI	20	64
>EGFR-V765I VMASVDNPI	2440	>EGFR-V765I MMASVDNPI	290	2150
>EGFR-V765I VMASVDNPI	209	>EGFR-V765I MMASVDNPI	50	159
>EGFR-V765I VMASVDNPI	2390	>EGFR-V765I MMASVDNPI	473	1917
>EGFR-V765I VMASVDNPI	303	>EGFR-V765I MMASVDNPI	86	217
>EGFR-V765I VMASVDNPI	3	>EGFR-V765I MMASVDNPI	3	0
>EGFR-V765I VMASVDNPI	37	>EGFR-V765I MMASVDNPI	20	17
>EGFR-V765I VMASVDNPI	7	>EGFR-V765I MMASVDNPI	5	2
>EGFR-V765I VMASVDNPI	258	>EGFR-V765I MMASVDNPI	140	118
>EGFR-V765I VMASVDNPI	5	>EGFR-V765I MMASVDNPI	5	0
>EGFR-V765I VMASVDNPI	516	>EGFR-V765I MMASVDNPI	469	47
>EGFR-V765I VMASVDNPI	6	>EGFR-V765I MMASVDNPI	6	0
>EGFR-V765I VMASVDNPI	233	>EGFR-V765I MMASVDNPI	164	69

>EGFR-V765I VMASVDNPI	3	>EGFR-V765I MMASVDNPI	3	0
>EGFR-V765I VMASVDNPI	75	>EGFR-V765I MMASVDNPI	40	35
>EGFR-V765I VMASVDNPI	2046	>EGFR-V765I MMASVDNPI	145	1901
>EGFR-V765I VMASVDNPI	1973	>EGFR-V765I MMASVDNPI	91	1882
>EGFR-V765I VMASVDNPI	661	>EGFR-V765I MMASVDNPI	251	410
>EGFR-V765I VMASVDNPI	873	>EGFR-V765I MMASVDNPI	345	528
>EGFR-V765I VMASVDNPI	649	>EGFR-V765I MMASVDNPI	220	429
>EGFR-V765I VMASVDNPI	655	>EGFR-V765I MMASVDNPI	66	589
>EGFR-V765I YVMASVDNP	10	>EGFR-V765I YMMASVDNI	6	4
>EGFR-V765I YVMASVDNP	767	>EGFR-V765I YMMASVDNI	26	741
>EGFR-V765I YVMASVDNP	13	>EGFR-V765I YMMASVDNI	2	11
>EGFR-V765I YVMASVDNP	3407	>EGFR-V765I YMMASVDNI	133	3274
>EGFR-V765I YVMASVDNP	8	>EGFR-V765I YMMASVDNI	3	5
>EGFR-V765I YVMASVDNP	4	>EGFR-V765I YMMASVDNI	3	1
>EGFR-V765I YVMASVDNP	14943	>EGFR-V765I YMMASVDNI	399	14544
>EGFR-V765I YVMASVDNP	8	>EGFR-V765I YMMASVDNI	1	7
>EGFR-V765I YVMASVDNP	7	>EGFR-V765I YMMASVDNI	2	5
>EGFR-V765I YVMASVDNP	10	>EGFR-V765I YMMASVDNI	4	6
>EGFR-V765I YVMASVDNP	4	>EGFR-V765I YMMASVDNI	2	2
>EGFR-V765I YVMASVDNP	3	>EGFR-V765I YMMASVDNI	2	1
>EGFR-V765I YVMASVDNP	397	>EGFR-V765I YMMASVDNI	6601	6204
>EGFR-V765I YVMASVDNP	457	>EGFR-V765I YMMASVDNI	5108	4651
>EGFR-V765I YVMASVDNP	17	>EGFR-V765I YMMASVDNI	429	412
>EGFR-V765I YVMASVDNP	7	>EGFR-V765I YMMASVDNI	18	11
>EGFR-V765I YVMASVDNP	424	>EGFR-V765I YMMASVDNI	70	354
>EGFR-V765I YVMASVDNP	560	>EGFR-V765I YMMASVDNI	89	471
>EGFR-V765I YVMASVDNP	655	>EGFR-V765I YMMASVDNI	70	585
>EGFR-V765I YVMASVDNP	2919	>EGFR-V765I YMMASVDNI	62	2857
>EGFR-V765I YVMASVDNP	1501	>EGFR-V765I YMMASVDNI	29	1472
>EGFR-V765I EAYVMASV	1217	>EGFR-V765I EAYMMASV	472	745
>EGFR-V765I EAYVMASV	18	>EGFR-V765I EAYMMASV	17	1
>EGFR-V765I EAYVMASV	8	>EGFR-V765I EAYMMASV	9	1
>EGFR-V765I DEAYVMASV	25	>EGFR-V765I DEAYMMASV	34	9
>EGFR-V765I DEAYVMASV	64	>EGFR-V765I DEAYMMASV	257	193
>EGFR-V765I DEAYVMAS	98	>EGFR-V765I DEAYMMAS	98	0
>EGFR-V765I DEAYVMASV	43	>EGFR-V765I DEAYMMASV	39	4
>EGFR-V765I DEAYVMASV	423	>EGFR-V765I DEAYMMASV	150	273
>EGFR-V765I LDEAYVMASV	144	>EGFR-V765I LDEAYMMAS	120	24
>EGFR-V765I ILDEAYVM	111	>EGFR-V765I ILDEAYMM	52	59
>EGFR-V765I ILDEAYVMA	38	>EGFR-V765I ILDEAYMMA	38	0
>EGFR-V765I ILDEAYVMAS	11	>EGFR-V765I ILDEAYMMAV	11	0
>EGFR-V765I ILDEAYVM	192	>EGFR-V765I ILDEAYMM	106	86
>EGFR-V765I ILDEAYVMA	44	>EGFR-V765I ILDEAYMMA	71	27

>EGFR-V765I ILDEAYVMAS	5	>EGFR-V765I ILDEAYMMAI	6	1
>EGFR-V765I ILDEAYVMA	172	>EGFR-V765I ILDEAYMMA	52	120
>EGFR-V765I ILDEAYVMAS	10	>EGFR-V765I ILDEAYMMAI	8	2
>EGFR-V765I ILDEAYVM	334	>EGFR-V765I ILDEAYMM	210	124
>EGFR-V765I ILDEAYVMA	44	>EGFR-V765I ILDEAYMMA	46	2
>EGFR-V765I ILDEAYVMAS	8	>EGFR-V765I ILDEAYMMAI	9	1
>EGFR-V765I ILDEAYVM	17	>EGFR-V765I ILDEAYMM	10	7
>EGFR-V765I ILDEAYVMA	6	>EGFR-V765I ILDEAYMMA	6	0
>EGFR-V765I ILDEAYVMAS	56	>EGFR-V765I ILDEAYMMAI	125	69
>EGFR-V765I ILDEAYVMAS	2	>EGFR-V765I ILDEAYMMAI	2	0
>EGFR-V765I ILDEAYVM	31	>EGFR-V765I ILDEAYMM	46	15
>EGFR-V765I ILDEAYVMA	63	>EGFR-V765I ILDEAYMMA	60	3
>EGFR-V765I ILDEAYVMAS	3	>EGFR-V765I ILDEAYMMAI	3	0
>EGFR-V765I ILDEAYVM	76	>EGFR-V765I ILDEAYMM	44	32
>EGFR-V765I ILDEAYVMA	11	>EGFR-V765I ILDEAYMMA	11	0
>EGFR-V765I ILDEAYVMAS	5	>EGFR-V765I ILDEAYMMAI	5	0
>EGFR-V765I ILDEAYVM	31	>EGFR-V765I ILDEAYMM	25	6
>EGFR-V765I ILDEAYVMA	43	>EGFR-V765I ILDEAYMMA	48	5
>EGFR-V765I ILDEAYVMAS	3	>EGFR-V765I ILDEAYMMAI	3	0
>EGFR-V765I ILDEAYVM	77	>EGFR-V765I ILDEAYMM	51	26
>EGFR-V765I ILDEAYVMA	8	>EGFR-V765I ILDEAYMMA	6	2
>EGFR-V765I ILDEAYVMAS	2	>EGFR-V765I ILDEAYMMAI	2	0
>EGFR-V765I ILDEAYVMAS	82	>EGFR-V765I ILDEAYMMAI	88	6
>EGFR-V765I EILDEAYV	471	>EGFR-V765I EILDEAYM	4801	4330
>EGFR-V765I EILDEAYV	100	>EGFR-V765I EILDEAYM	2859	2759
>EGFR-V765I EILDEAYVMA	1091	>EGFR-V765I EILDEAYMMI	362	729
>EGFR-V765I EILDEAYV	11	>EGFR-V765I EILDEAYM	930	919
>EGFR-V765I EILDEAYV	83	>EGFR-V765I EILDEAYM	6250	6167
>EGFR-V765I EILDEAYV	24	>EGFR-V765I EILDEAYM	6329	6305
>EGFR-V765I EILDEAYV	5	>EGFR-V765I EILDEAYM	141	136
>EGFR-V765I EILDEAYVM	362	>EGFR-V765I EILDEAYMM	279	83
>EGFR-V765I EILDEAYV	11	>EGFR-V765I EILDEAYM	4525	4514
>EGFR-V765I EILDEAYV	6272	>EGFR-V765I EILDEAYM	372	5900
>EGFR-V765I EILDEAYV	1571	>EGFR-V765I EILDEAYM	18	1553
>EGFR-V765I EILDEAYVM	39	>EGFR-V765I EILDEAYMM	58	19
>EGFR-V765I EILDEAYV	34	>EGFR-V765I EILDEAYM	3319	3285
>EGFR-V765I EILDEAYV	5	>EGFR-V765I EILDEAYM	17	12
>EGFR-V765I EILDEAYVM	33	>EGFR-V765I EILDEAYMM	8	25
>EGFR-V765I EILDEAYVMA	16	>EGFR-V765I EILDEAYMMI	9	7
>EGFR-V765I EILDEAYVMA	940	>EGFR-V765I EILDEAYMMI	427	513
>EGFR-V765I KEILDEAYV	310	>EGFR-V765I KEILDEAYM	201	109
>EGFR-V765I KEILDEAYVM	163	>EGFR-V765I KEILDEAYMM	197	34
>EGFR-V765I KEILDEAYVM	289	>EGFR-V765I KEILDEAYMM	253	36

>EGFR-V765I KEILDEAYVM	50	>EGFR-V765I KEILDEAYMM	62	12
>EGFR-V765I KEILDEAYV	32	>EGFR-V765I KEILDEAYM	115	83
>EGFR-V765I KEILDEAYVM	15	>EGFR-V765I KEILDEAYMM	13	2
>EGFR-V765I KEILDEAYVM	468	>EGFR-V765I KEILDEAYMM	520	52
>EGFR-V769I SVDNPHVCRI	1829	>EGFR-V769I SLDNPHVCRL	90	1739
>EGFR-V769I SVDNPHVCRI	5297	>EGFR-V769I SLDNPHVCRL	413	4884
>EGFR-V769I SVDNPHVCRI	3632	>EGFR-V769I SLDNPHVCRL	441	3191
>EGFR-V769I SVDNPHVC	1522	>EGFR-V769I SLDNPHVC	17	1505
>EGFR-V769I SVDNPHVCRI	75	>EGFR-V769I SLDNPHVCRL	4	71
>EGFR-V769I SVDNPHVCRI	1156	>EGFR-V769I SLDNPHVCRL	18	1138
>EGFR-V769I SVDNPHVC	9023	>EGFR-V769I SLDNPHVC	294	8729
>EGFR-V769I SVDNPHVCRI	3255	>EGFR-V769I SLDNPHVCRL	35	3220
>EGFR-V769I SVDNPHVCRI	9067	>EGFR-V769I SLDNPHVCRL	397	8670
>EGFR-V769I SVDNPHVC	10928	>EGFR-V769I SLDNPHVC	445	10483
>EGFR-V769I SVDNPHVCRI	449	>EGFR-V769I SLDNPHVCRL	11	438
>EGFR-V769I SVDNPHVCRI	2975	>EGFR-V769I SLDNPHVCRL	43	2932
>EGFR-V769I SVDNPHVCRI	7476	>EGFR-V769I SLDNPHVCRL	198	7278
>EGFR-V769I SVDNPHVC	8666	>EGFR-V769I SLDNPHVC	71	8595
>EGFR-V769I SVDNPHVCRI	204	>EGFR-V769I SLDNPHVCRL	5	199
>EGFR-V769I SVDNPHVCRI	3469	>EGFR-V769I SLDNPHVCRL	64	3405
>EGFR-V769I SVDNPHVCR	184	>EGFR-V769I SLDNPHVCR	1362	1178
>EGFR-V769I SVDNPHVCR	237	>EGFR-V769I SLDNPHVCR	520	283
>EGFR-V769I SVDNPHVCR	118	>EGFR-V769I SLDNPHVCR	649	531
>EGFR-V769I ILDEAYVMAS	11	>EGFR-V769I ILDEAYVMAS	17	6
>EGFR-V769I ILDEAYVMAS	5	>EGFR-V769I ILDEAYVMAS	8	3
>EGFR-V769I ILDEAYVMAS	10	>EGFR-V769I ILDEAYVMAS	53	43
>EGFR-V769I ILDEAYVMAS	8	>EGFR-V769I ILDEAYVMAS	25	17
>EGFR-V769I ILDEAYVMAS	2	>EGFR-V769I ILDEAYVMAS	3	1
>EGFR-V769I ILDEAYVMAS	3	>EGFR-V769I ILDEAYVMAS	7	4
>EGFR-V769I ILDEAYVMAS	5	>EGFR-V769I ILDEAYVMAS	10	5
>EGFR-V769I ILDEAYVMAS	3	>EGFR-V769I ILDEAYVMAS	9	6
>EGFR-V769I ILDEAYVMAS	2	>EGFR-V769I ILDEAYVMAS	4	2
>EGFR-V769I ILDEAYVMAS	82	>EGFR-V769I ILDEAYVMAS	988	906
>EGFR-V769I ASVDNPHV	291	>EGFR-V769I ASLDNPHV	234	57
>EGFR-V769I ASVDNPHV	918	>EGFR-V769I ASLDNPHV	147	771
>EGFR-V769I ASVDNPHVCI	2458	>EGFR-V769I ASLDNPHVCF	412	2046
>EGFR-V769I ASVDNPHV	3086	>EGFR-V769I ASLDNPHV	289	2797
>EGFR-V769I ASVDNPHV	767	>EGFR-V769I ASLDNPHV	356	411
>EGFR-V769I ASVDNPHVCI	300	>EGFR-V769I ASLDNPHVCF	146	154
>EGFR-V769I ASVDNPHVCI	389	>EGFR-V769I ASLDNPHVCF	3022	2633
>EGFR-V769I ASVDNPHVCI	113	>EGFR-V769I ASLDNPHVCF	51	62
>EGFR-V769I ASVDNPHVCI	423	>EGFR-V769I ASLDNPHVCF	1411	988
>EGFR-V769I ASVDNPHV	1074	>EGFR-V769I ASLDNPHV	220	854

>EGFR-V769I ASVDNPHV	496	>EGFR-V769I ASLDNPHV	713	217
>EGFR-V769I ASVDNPHVCI	6	>EGFR-V769I ASLDNPHVCF	6	0
>EGFR-V769I ASVDNPHVCI	154	>EGFR-V769I ASLDNPHVCF	97	57
>EGFR-V769I MASVDNPHV	162	>EGFR-V769I MASLDNPHV	154	8
>EGFR-V769I MASVDNPHV	162	>EGFR-V769I MASLDNPHV	279	117
>EGFR-V769I MASVDNPHV	74	>EGFR-V769I MASLDNPHV	118	44
>EGFR-V769I MASVDNPHV	268	>EGFR-V769I MASLDNPHV	221	47
>EGFR-V769I MASVDNPHV	9	>EGFR-V769I MASLDNPHV	11	2
>EGFR-V769I MASVDNPHV	258	>EGFR-V769I MASLDNPHV	292	34
>EGFR-V769I MASVDNPHV	161	>EGFR-V769I MASLDNPHV	238	77
>EGFR-V769I MASVDNPH	55	>EGFR-V769I MASLDNPH	52	3
>EGFR-V769I VMASVDNPH	148	>EGFR-V769I VMASLDNPH	82	66
>EGFR-V769I VMASVDNPH	84	>EGFR-V769I VMASLDNPH	62	22
>EGFR-V769I VMASVDNPH	209	>EGFR-V769I VMASLDNPH	135	74
>EGFR-V769I VMASVDNPH	303	>EGFR-V769I VMASLDNPH	192	111
>EGFR-V769I VMASVDNPH	3	>EGFR-V769I VMASLDNPH	5	2
>EGFR-V769I VMASVDNPH	37	>EGFR-V769I VMASLDNPH	88	51
>EGFR-V769I VMASVDNPH	7	>EGFR-V769I VMASLDNPH	8	1
>EGFR-V769I VMASVDNPH	258	>EGFR-V769I VMASLDNPH	326	68
>EGFR-V769I VMASVDNPH	5	>EGFR-V769I VMASLDNPH	5	0
>EGFR-V769I VMASVDNPH	6	>EGFR-V769I VMASLDNPH	7	1
>EGFR-V769I VMASVDNPH	233	>EGFR-V769I VMASLDNPH	342	109
>EGFR-V769I VMASVDNPH	3	>EGFR-V769I VMASLDNPH	3	0
>EGFR-V769I VMASVDNPH	75	>EGFR-V769I VMASLDNPH	76	1
>EGFR-V769I YVMASVDNP	10	>EGFR-V769I YVMASLDNP	9	1
>EGFR-V769I YVMASVDNP	13	>EGFR-V769I YVMASLDNP	12	1
>EGFR-V769I YVMASVDNP	8	>EGFR-V769I YVMASLDNP	8	0
>EGFR-V769I YVMASVDNP	4	>EGFR-V769I YVMASLDNP	4	0
>EGFR-V769I YVMASVDNP	8	>EGFR-V769I YVMASLDNP	10	2
>EGFR-V769I YVMASVDNP	7	>EGFR-V769I YVMASLDNP	7	0
>EGFR-V769I YVMASVDNP	10	>EGFR-V769I YVMASLDNP	12	2
>EGFR-V769I YVMASVDNP	4	>EGFR-V769I YVMASLDNP	4	0
>EGFR-V769I YVMASVDNP	3	>EGFR-V769I YVMASLDNP	3	0
>EGFR-V769I YVMASVDNP	397	>EGFR-V769I YVMASLDNP	261	136
>EGFR-V769I YVMASVDNP	457	>EGFR-V769I YVMASLDNP	325	132
>EGFR-V769I YVMASVDNP	17	>EGFR-V769I YVMASLDNP	19	2
>EGFR-V769I YVMASVDNP	7	>EGFR-V769I YVMASLDNP	7	0
>EGFR-V769I YVMASVDNP	424	>EGFR-V769I YVMASLDNP	563	139
>EGFR-V769I EAYVMASV	1698	>EGFR-V769I EAYVMASL	359	1339
>EGFR-V769I EAYVMASV	18	>EGFR-V769I EAYVMASL	94	76
>EGFR-V769I EAYVMASV	8	>EGFR-V769I EAYVMASL	43	35
>EGFR-V769I EAYVMASV	1629	>EGFR-V769I EAYVMASL	34	1595
>EGFR-V769I DEAYVMASV	25	>EGFR-V769I DEAYVMASL	49	24

>EGFR-V769I DEAYVMASV	64	>EGFR-V769I DEAYVMASL	625	561
>EGFR-V769I DEAYVMASV	43	>EGFR-V769I DEAYVMASL	17	26
>EGFR-V769I DEAYVMASV	1670	>EGFR-V769I DEAYVMASL	216	1454
>EGFR-V769I DEAYVMASV	423	>EGFR-V769I DEAYVMASL	893	470
>EGFR-V769I LDEAYVMASV	144	>EGFR-V769I LDEAYVMASL	662	518
>EGFR-V769I VDNPHVCR	3291	>EGFR-V769I MDNPHVCR	468	2823
>EGFR-V769I SVDNPHVCRI	7530	>EGFR-V769I SMDNPHVCR	422	7108
>EGFR-V769I SVDNPHVCRI	1829	>EGFR-V769I SMDNPHVCR	104	1725
>EGFR-V769I SVDNPHVCRI	3632	>EGFR-V769I SMDNPHVCR	443	3189
>EGFR-V769I SVDNPHVC	1522	>EGFR-V769I SMDNPHVC	12	1510
>EGFR-V769I SVDNPHVCRI	75	>EGFR-V769I SMDNPHVCR	3	72
>EGFR-V769I SVDNPHVCRI	1156	>EGFR-V769I SMDNPHVCR	13	1143
>EGFR-V769I SVDNPHVC	9023	>EGFR-V769I SMDNPHVC	185	8838
>EGFR-V769I SVDNPHVCRI	3255	>EGFR-V769I SMDNPHVCR	25	3230
>EGFR-V769I SVDNPHVCRI	9067	>EGFR-V769I SMDNPHVCR	224	8843
>EGFR-V769I SVDNPHVC	10928	>EGFR-V769I SMDNPHVC	374	10554
>EGFR-V769I SVDNPHVCRI	449	>EGFR-V769I SMDNPHVCR	11	438
>EGFR-V769I SVDNPHVCRI	2975	>EGFR-V769I SMDNPHVCR	38	2937
>EGFR-V769I SVDNPHVCRI	7476	>EGFR-V769I SMDNPHVCR	152	7324
>EGFR-V769I SVDNPHVC	8666	>EGFR-V769I SMDNPHVC	141	8525
>EGFR-V769I SVDNPHVCRI	204	>EGFR-V769I SMDNPHVCR	6	198
>EGFR-V769I SVDNPHVCRI	3469	>EGFR-V769I SMDNPHVCR	111	3358
>EGFR-V769I SVDNPHVCR	184	>EGFR-V769I SMDNPHVCR	441	257
>EGFR-V769I SVDNPHVCR	237	>EGFR-V769I SMDNPHVCR	99	138
>EGFR-V769I SVDNPHVCR	118	>EGFR-V769I SMDNPHVCR	547	429
>EGFR-V769I ILDEAYVMAS	11	>EGFR-V769I ILDEAYVMAS	43	32
>EGFR-V769I ILDEAYVMAS	5	>EGFR-V769I ILDEAYVMAS	58	53
>EGFR-V769I ILDEAYVMAS	10	>EGFR-V769I ILDEAYVMAS	322	312
>EGFR-V769I ILDEAYVMAS	8	>EGFR-V769I ILDEAYVMAS	92	84
>EGFR-V769I ILDEAYVMAS	2	>EGFR-V769I ILDEAYVMAS	10	8
>EGFR-V769I ILDEAYVMAS	3	>EGFR-V769I ILDEAYVMAS	45	42
>EGFR-V769I ILDEAYVMAS	5	>EGFR-V769I ILDEAYVMAS	60	55
>EGFR-V769I ILDEAYVMAS	3	>EGFR-V769I ILDEAYVMAS	44	41
>EGFR-V769I ILDEAYVMAS	2	>EGFR-V769I ILDEAYVMAS	30	28
>EGFR-V769I ILDEAYVMAS	82	>EGFR-V769I ILDEAYVMAS	1119	1037
>EGFR-V769I ASVDNPHV	4666	>EGFR-V769I ASMDNPHV	312	4354
>EGFR-V769I ASVDNPHVCI	2505	>EGFR-V769I ASMDNPHVC	438	2067
>EGFR-V769I ASVDNPHV	291	>EGFR-V769I ASMDNPHV	117	174
>EGFR-V769I ASVDNPHV	918	>EGFR-V769I ASMDNPHV	312	606
>EGFR-V769I ASVDNPHV	767	>EGFR-V769I ASMDNPHV	321	446
>EGFR-V769I ASVDNPHVCI	3309	>EGFR-V769I ASMDNPHVC	456	2853
>EGFR-V769I ASVDNPHVCI	300	>EGFR-V769I ASMDNPHVC	34	266
>EGFR-V769I ASVDNPHVCI	389	>EGFR-V769I ASMDNPHVC	1232	843

>EGFR-V769I ASVDNPHVCI	113	>EGFR-V769I ASMDNPHVC	24	89
>EGFR-V769I ASVDNPHVCI	979	>EGFR-V769I ASMDNPHVC	189	790
>EGFR-V769I ASVDNPHVCI	423	>EGFR-V769I ASMDNPHVC	143	280
>EGFR-V769I ASVDNPHV	1074	>EGFR-V769I ASMDNPHV	231	843
>EGFR-V769I ASVDNPHV	496	>EGFR-V769I ASMDNPHV	576	80
>EGFR-V769I ASVDNPHVCI	6	>EGFR-V769I ASMDNPHVC	6	0
>EGFR-V769I ASVDNPHVCI	154	>EGFR-V769I ASMDNPHVC	81	73
>EGFR-V769I MASVDNPHV	162	>EGFR-V769I MASMDNPH'	134	28
>EGFR-V769I MASVDNPHV	162	>EGFR-V769I MASMDNPH'	75	87
>EGFR-V769I MASVDNPHV	74	>EGFR-V769I MASMDNPH'	73	1
>EGFR-V769I MASVDNPHV	268	>EGFR-V769I MASMDNPH'	190	78
>EGFR-V769I MASVDNPHV	9	>EGFR-V769I MASMDNPH'	7	2
>EGFR-V769I MASVDNPHV	258	>EGFR-V769I MASMDNPH'	276	18
>EGFR-V769I MASVDNPHV	161	>EGFR-V769I MASMDNPH'	239	78
>EGFR-V769I MASVDNPH	55	>EGFR-V769I MASMDNPH	43	12
>EGFR-V769I VMASVDNPT	148	>EGFR-V769I VMASMDNPI	93	55
>EGFR-V769I VMASVDNPT	84	>EGFR-V769I VMASMDNPI	99	15
>EGFR-V769I VMASVDNPT	209	>EGFR-V769I VMASMDNPI	175	34
>EGFR-V769I VMASVDNPT	303	>EGFR-V769I VMASMDNPI	286	17
>EGFR-V769I VMASVDNPT	3	>EGFR-V769I VMASMDNPI	6	3
>EGFR-V769I VMASVDNPT	37	>EGFR-V769I VMASMDNPI	143	106
>EGFR-V769I VMASVDNPT	7	>EGFR-V769I VMASMDNPI	10	3
>EGFR-V769I VMASVDNPT	258	>EGFR-V769I VMASMDNPI	342	84
>EGFR-V769I VMASVDNPT	5	>EGFR-V769I VMASMDNPI	6	1
>EGFR-V769I VMASVDNPT	6	>EGFR-V769I VMASMDNPI	6	0
>EGFR-V769I VMASVDNPT	233	>EGFR-V769I VMASMDNPI	278	45
>EGFR-V769I VMASVDNPT	3	>EGFR-V769I VMASMDNPI	3	0
>EGFR-V769I VMASVDNPT	75	>EGFR-V769I VMASMDNPI	46	29
>EGFR-V769I VMASVDNPT	655	>EGFR-V769I VMASMDNPI	499	156
>EGFR-V769I YVMASVDNP	10	>EGFR-V769I YVMASMDNI	10	0
>EGFR-V769I YVMASVDNP	13	>EGFR-V769I YVMASMDNI	13	0
>EGFR-V769I YVMASVDNP	8	>EGFR-V769I YVMASMDNI	8	0
>EGFR-V769I YVMASVDNP	4	>EGFR-V769I YVMASMDNI	4	0
>EGFR-V769I YVMASVDNP	8	>EGFR-V769I YVMASMDNI	12	4
>EGFR-V769I YVMASVDNP	7	>EGFR-V769I YVMASMDNI	9	2
>EGFR-V769I YVMASVDNP	10	>EGFR-V769I YVMASMDNI	14	4
>EGFR-V769I YVMASVDNP	4	>EGFR-V769I YVMASMDNI	7	3
>EGFR-V769I YVMASVDNP	3	>EGFR-V769I YVMASMDNI	4	1
>EGFR-V769I YVMASVDNP	397	>EGFR-V769I YVMASMDNI	162	235
>EGFR-V769I YVMASVDNP	457	>EGFR-V769I YVMASMDNI	186	271
>EGFR-V769I YVMASVDNP	662	>EGFR-V769I YVMASMDNI	471	191
>EGFR-V769I YVMASVDNP	17	>EGFR-V769I YVMASMDNI	16	1
>EGFR-V769I YVMASVDNP	7	>EGFR-V769I YVMASMDNI	6	1



>EGFR-V769I YVMASVDNP	424	>EGFR-V769I YVMASMDNI	547	123
>EGFR-V769I EAYVMASV	4845	>EGFR-V769I EAYVMASM	304	4541
>EGFR-V769I EAYVMASV	6915	>EGFR-V769I EAYVMASM	221	6694
>EGFR-V769I EAYVMASV	18	>EGFR-V769I EAYVMASM	646	628
>EGFR-V769I EAYVMASV	8	>EGFR-V769I EAYVMASM	61	53
>EGFR-V769I EAYVMASV	1629	>EGFR-V769I EAYVMASM	24	1605
>EGFR-V769I EAYVMASV	5146	>EGFR-V769I EAYVMASM	47	5099
>EGFR-V769I DEAYVMASV	25	>EGFR-V769I DEAYVMASN	56	31
>EGFR-V769I DEAYVMASV	16013	>EGFR-V769I DEAYVMASN	448	15565
>EGFR-V769I DEAYVMASV	64	>EGFR-V769I DEAYVMASN	4457	4393
>EGFR-V769I DEAYVMASV	43	>EGFR-V769I DEAYVMASN	14	29
>EGFR-V769I DEAYVMASV	423	>EGFR-V769I DEAYVMASN	1663	1240
>EGFR-V769I LDEAYVMASV	144	>EGFR-V769I LDEAYMASI	1635	1491
>EGFR-V774I HVCRLGI	5622	>EGFR-V774I HLCRLGI	356	5266
>EGFR-V774I HVCRLGI	1625	>EGFR-V774I HLCRLGI	134	1491
>EGFR-V774I HVCRLGI	5296	>EGFR-V774I HLCRLGI	68	5228
>EGFR-V774I HVCRLGI	8676	>EGFR-V774I HLCRLGI	85	8591
>EGFR-V774I HVCRLGICL	10530	>EGFR-V774I HLCRLGICL	184	10346
>EGFR-V774I HVCRLGICLT	15055	>EGFR-V774I HLCRLGICLT	350	14705
>EGFR-V774I YVMASVDNP	10	>EGFR-V774I YVMASVDNP	17	7
>EGFR-V774I YVMASVDNP	13	>EGFR-V774I YVMASVDNP	13	0
>EGFR-V774I YVMASVDNP	8	>EGFR-V774I YVMASVDNP	46	38
>EGFR-V774I YVMASVDNP	4	>EGFR-V774I YVMASVDNP	7	3
>EGFR-V774I YVMASVDNP	8	>EGFR-V774I YVMASVDNP	78	70
>EGFR-V774I YVMASVDNP	7	>EGFR-V774I YVMASVDNP	41	34
>EGFR-V774I YVMASVDNP	10	>EGFR-V774I YVMASVDNP	75	65
>EGFR-V774I YVMASVDNP	4	>EGFR-V774I YVMASVDNP	19	15
>EGFR-V774I YVMASVDNP	3	>EGFR-V774I YVMASVDNP	19	16
>EGFR-V774I YVMASVDNP	457	>EGFR-V774I YVMASVDNP	48	409
>EGFR-V774I YVMASVDNP	17	>EGFR-V774I YVMASVDNP	79	62
>EGFR-V774I YVMASVDNP	7	>EGFR-V774I YVMASVDNP	31	24
>EGFR-V774I YVMASVDNP	560	>EGFR-V774I YVMASVDNP	217	343
>EGFR-V774I YVMASVDNP	5286	>EGFR-V774I YVMASVDNP	261	5025
>EGFR-V774I YVMASVDNP	5772	>EGFR-V774I YVMASVDNP	433	5339
>EGFR-V774I NPHVCRL	65	>EGFR-V774I NPHLCRL	60	5
>EGFR-V774I SVDNPHVCRI	75	>EGFR-V774I SVDNPHLCRL	113	38
>EGFR-V774I SVDNPHVCRI	449	>EGFR-V774I SVDNPHLCRL	684	235
>EGFR-V774I SVDNPHVCRI	204	>EGFR-V774I SVDNPHLCRL	262	58
>EGFR-V774I SVDNPHVCR	184	>EGFR-V774I SVDNPHLCR	83	101
>EGFR-V774I SVDNPHVCR	237	>EGFR-V774I SVDNPHLCR	962	725
>EGFR-V774I SVDNPHVCR	118	>EGFR-V774I SVDNPHLCR	232	114
>EGFR-V774I ASVDNPHV	291	>EGFR-V774I ASVDNPHL	1196	905
>EGFR-V774I ASVDNPHVCI	300	>EGFR-V774I ASVDNPHLCF	117	183

>EGFR-V774I ASVDNPHV	2346	>EGFR-V774I ASVDNPHL	248	2098
>EGFR-V774I ASVDNPHVCI	389	>EGFR-V774I ASVDNPHLCF	366	23
>EGFR-V774I ASVDNPHVCI	113	>EGFR-V774I ASVDNPHLCF	156	43
>EGFR-V774I ASVDNPHVCI	423	>EGFR-V774I ASVDNPHLCF	756	333
>EGFR-V774I ASVDNPHV	496	>EGFR-V774I ASVDNPHL	19	477
>EGFR-V774I ASVDNPHVCI	6	>EGFR-V774I ASVDNPHLCF	7	1
>EGFR-V774I ASVDNPHVCI	154	>EGFR-V774I ASVDNPHLCF	121	33
>EGFR-V774I MASVDNPHV	162	>EGFR-V774I MASVDNPHL	1002	840
>EGFR-V774I MASVDNPHV	162	>EGFR-V774I MASVDNPHL	4860	4698
>EGFR-V774I MASVDNPHV	74	>EGFR-V774I MASVDNPHL	161	87
>EGFR-V774I MASVDNPHV	268	>EGFR-V774I MASVDNPHL	502	234
>EGFR-V774I MASVDNPHV	9	>EGFR-V774I MASVDNPHL	15	6
>EGFR-V774I MASVDNPHV	258	>EGFR-V774I MASVDNPHL	2512	2254
>EGFR-V774I MASVDNPHV	161	>EGFR-V774I MASVDNPHL	2222	2061
>EGFR-V774I MASVDNPHV	1914	>EGFR-V774I MASVDNPHL	441	1473
>EGFR-V774I MASVDNPHV	7013	>EGFR-V774I MASVDNPHL	471	6542
>EGFR-V774I VMASVDNPH	148	>EGFR-V774I VMASVDNPH	593	445
>EGFR-V774I VMASVDNPH	84	>EGFR-V774I VMASVDNPH	85	1
>EGFR-V774I VMASVDNPH	209	>EGFR-V774I VMASVDNPH	1058	849
>EGFR-V774I VMASVDNPH	303	>EGFR-V774I VMASVDNPH	1318	1015
>EGFR-V774I VMASVDNPH	3	>EGFR-V774I VMASVDNPH	18	15
>EGFR-V774I VMASVDNPH	37	>EGFR-V774I VMASVDNPH	36	1
>EGFR-V774I VMASVDNPH	7	>EGFR-V774I VMASVDNPH	35	28
>EGFR-V774I VMASVDNPH	258	>EGFR-V774I VMASVDNPH	386	128
>EGFR-V774I VMASVDNPH	5	>EGFR-V774I VMASVDNPH	10	5
>EGFR-V774I VMASVDNPH	516	>EGFR-V774I VMASVDNPH	356	160
>EGFR-V774I VMASVDNPH	6	>EGFR-V774I VMASVDNPH	43	37
>EGFR-V774I VMASVDNPH	233	>EGFR-V774I VMASVDNPH	288	55
>EGFR-V774I VMASVDNPH	3	>EGFR-V774I VMASVDNPH	10	7
>EGFR-V774I VMASVDNPH	75	>EGFR-V774I VMASVDNPH	54	21
>EGFR-V774I VMASVDNPH	873	>EGFR-V774I VMASVDNPH	295	578
>EGFR-V774I VMASVDNPH	649	>EGFR-V774I VMASVDNPH	311	338
>EGFR-V774I HVCRLG	5622	>EGFR-V774I HMCRLG	377	5245
>EGFR-V774I HVCRLG	1625	>EGFR-V774I HMCRLG	84	1541
>EGFR-V774I HVCRLG	720	>EGFR-V774I HMCRLG	338	382
>EGFR-V774I HVCRLG	5296	>EGFR-V774I HMCRLG	43	5253
>EGFR-V774I HVCRLGICL	13495	>EGFR-V774I HMCRLGICL	388	13107
>EGFR-V774I HVCRLG	8676	>EGFR-V774I HMCRLG	161	8515
>EGFR-V774I HVCRLGICL	10530	>EGFR-V774I HMCRLGICL	357	10173
>EGFR-V774I YVMASVDNP	10	>EGFR-V774I YVMASVDNP	57	47
>EGFR-V774I YVMASVDNP	13	>EGFR-V774I YVMASVDNP	131	118
>EGFR-V774I YVMASVDNP	8	>EGFR-V774I YVMASVDNP	346	338
>EGFR-V774I YVMASVDNP	4	>EGFR-V774I YVMASVDNP	16	12

>EGFR-V774IYVMASVDNP	8	>EGFR-V774IYVMASVDNP	640	632
>EGFR-V774IYVMASVDNP	7	>EGFR-V774IYVMASVDNP	527	520
>EGFR-V774IYVMASVDNP	10	>EGFR-V774IYVMASVDNP	910	900
>EGFR-V774IYVMASVDNP	4	>EGFR-V774IYVMASVDNP	97	93
>EGFR-V774IYVMASVDNP	3	>EGFR-V774IYVMASVDNP	816	813
>EGFR-V774IYVMASVDNP	457	>EGFR-V774IYVMASVDNP	7	450
>EGFR-V774IYVMASVDNP	17	>EGFR-V774IYVMASVDNP	621	604
>EGFR-V774IYVMASVDNP	7	>EGFR-V774IYVMASVDNP	39	32
>EGFR-V774IYVMASVDNP	560	>EGFR-V774IYVMASVDNP	71	489
>EGFR-V774IYVMASVDNP	1501	>EGFR-V774IYVMASVDNP	391	1110
>EGFR-V774IYVMASVDNP	5286	>EGFR-V774IYVMASVDNP	152	5134
>EGFR-V774IYVMASVDNP	10448	>EGFR-V774IYVMASVDNP	238	10210
>EGFR-V774IYVMASVDNP	9899	>EGFR-V774IYVMASVDNP	454	9445
>EGFR-V774INPHVCRL	65	>EGFR-V774INPHMCRL	32	33
>EGFR-V774IVDNPHVCRL	538	>EGFR-V774IVDNPHMCRL	495	43
>EGFR-V774ISVDNPHVCRI	75	>EGFR-V774ISVDNPHMCR	164	89
>EGFR-V774ISVDNPHVCRI	449	>EGFR-V774ISVDNPHMCR	913	464
>EGFR-V774ISVDNPHVCRI	204	>EGFR-V774ISVDNPHMCR	330	126
>EGFR-V774ISVDNPHVCR	184	>EGFR-V774ISVDNPHMCR	62	122
>EGFR-V774ISVDNPHVCR	237	>EGFR-V774ISVDNPHMCR	427	190
>EGFR-V774ISVDNPHVCR	118	>EGFR-V774ISVDNPHMCR	99	19
>EGFR-V774ISVDNPHVCRI	627	>EGFR-V774ISVDNPHMCR	326	301
>EGFR-V774IASVDNPHV	291	>EGFR-V774IASVDNPHM	4022	3731
>EGFR-V774IASVDNPHVCI	300	>EGFR-V774IASVDNPHMC	81	219
>EGFR-V774IASVDNPHV	2346	>EGFR-V774IASVDNPHM	26	2320
>EGFR-V774IASVDNPHVCI	389	>EGFR-V774IASVDNPHMC	199	190
>EGFR-V774IASVDNPHVCI	113	>EGFR-V774IASVDNPHMC	92	21
>EGFR-V774IASVDNPHVCI	423	>EGFR-V774IASVDNPHMC	455	32
>EGFR-V774IASVDNPHV	496	>EGFR-V774IASVDNPHM	13	483
>EGFR-V774IASVDNPHVCI	6	>EGFR-V774IASVDNPHMC	5	1
>EGFR-V774IASVDNPHVCI	154	>EGFR-V774IASVDNPHMC	122	32
>EGFR-V774IMASVDNPHV	162	>EGFR-V774IMASVDNPHM	4262	4100
>EGFR-V774IMASVDNPHV	162	>EGFR-V774IMASVDNPHM	22687	22525
>EGFR-V774IMASVDNPHV	74	>EGFR-V774IMASVDNPHM	101	27
>EGFR-V774IMASVDNPHV	268	>EGFR-V774IMASVDNPHM	248	20
>EGFR-V774IMASVDNPHV	9	>EGFR-V774IMASVDNPHM	9	0
>EGFR-V774IMASVDNPHV	258	>EGFR-V774IMASVDNPHM	10238	9980
>EGFR-V774IMASVDNPHV	161	>EGFR-V774IMASVDNPHM	3016	2855
>EGFR-V774IMASVDNPHV	10347	>EGFR-V774IMASVDNPHM	358	9989
>EGFR-V774IMASVDNPHV	4768	>EGFR-V774IMASVDNPHM	78	4690
>EGFR-V774IMASVDNPHV	1914	>EGFR-V774IMASVDNPHM	282	1632
>EGFR-V774IMASVDNPHV	7013	>EGFR-V774IMASVDNPHM	137	6876
>EGFR-V774IVMASVDNPH	148	>EGFR-V774IVMASVDNPH	2239	2091

>EGFR-V774I VMASVDNPF	84	>EGFR-V774I VMASVDNPF	413	329
>EGFR-V774I VMASVDNPF	209	>EGFR-V774I VMASVDNPF	3975	3766
>EGFR-V774I VMASVDNPF	303	>EGFR-V774I VMASVDNPF	4073	3770
>EGFR-V774I VMASVDNPF	3	>EGFR-V774I VMASVDNPF	123	120
>EGFR-V774I VMASVDNPF	37	>EGFR-V774I VMASVDNPF	22	15
>EGFR-V774I VMASVDNPF	7	>EGFR-V774I VMASVDNPF	468	461
>EGFR-V774I VMASVDNPF	258	>EGFR-V774I VMASVDNPF	393	135
>EGFR-V774I VMASVDNPF	5	>EGFR-V774I VMASVDNPF	43	38
>EGFR-V774I VMASVDNPF	516	>EGFR-V774I VMASVDNPF	239	277
>EGFR-V774I VMASVDNPF	6	>EGFR-V774I VMASVDNPF	306	300
>EGFR-V774I VMASVDNPF	233	>EGFR-V774I VMASVDNPF	212	21
>EGFR-V774I VMASVDNPF	3	>EGFR-V774I VMASVDNPF	181	178
>EGFR-V774I VMASVDNPF	75	>EGFR-V774I VMASVDNPF	62	13
>EGFR-V774I VMASVDNPF	873	>EGFR-V774I VMASVDNPF	76	797
>EGFR-V774I VMASVDNPF	649	>EGFR-V774I VMASVDNPF	148	501
>EGFR-V786I VQLITQLM	332	>EGFR-V786I MQLITQLM	73	259
>EGFR-V786I VQLITQLMPF	2268	>EGFR-V786I MQLITQLMP	485	1783
>EGFR-V786I VQLITQLMPF	75	>EGFR-V786I MQLITQLMP	46	29
>EGFR-V786I VQLITQLMPF	729	>EGFR-V786I MQLITQLMP	420	309
>EGFR-V786I VQLITQLM	58	>EGFR-V786I MQLITQLM	18	40
>EGFR-V786I VQLITQLMPF	3	>EGFR-V786I MQLITQLMP	2	1
>EGFR-V786I VQLITQLM	4382	>EGFR-V786I MQLITQLM	299	4083
>EGFR-V786I TVQLITQL	6742	>EGFR-V786I TMQLITQL	316	6426
>EGFR-V786I TVQLITQL	1348	>EGFR-V786I TMQLITQL	41	1307
>EGFR-V786I TVQLITQLM	4087	>EGFR-V786I TMQLITQLM	253	3834
>EGFR-V786I TVQLITQL	2492	>EGFR-V786I TMQLITQL	122	2370
>EGFR-V786I TVQLITQL	8982	>EGFR-V786I TMQLITQL	169	8813
>EGFR-V786I TVQLITQL	14274	>EGFR-V786I TMQLITQL	277	13997
>EGFR-V786I TVQLITQL	7510	>EGFR-V786I TMQLITQL	108	7402
>EGFR-V786I TVQLITQL	2592	>EGFR-V786I TMQLITQL	16	2576
>EGFR-V786I TVQLITQLMP	469	>EGFR-V786I TMQLITQLM	7585	7116
>EGFR-V786I TVQLITQLMP	188	>EGFR-V786I TMQLITQLM	117	71
>EGFR-V786I TVQLITQL	217	>EGFR-V786I TMQLITQL	5473	5256
>EGFR-V786I TVQLITQLMP	651	>EGFR-V786I TMQLITQLM	78	573
>EGFR-V786I TVQLITQLMP	3234	>EGFR-V786I TMQLITQLM	315	2919
>EGFR-V786I TVQLITQLMP	2354	>EGFR-V786I TMQLITQLM	48	2306
>EGFR-V786I TVQLITQLM	410	>EGFR-V786I TMQLITQLM	3552	3142
>EGFR-V786I RLLGICLTSTV	15	>EGFR-V786I RLLGICLTSTM	144	129
>EGFR-V786I RLLGICLTSTV	29	>EGFR-V786I RLLGICLTSTM	412	383
>EGFR-V786I RLLGICLTSTV	13	>EGFR-V786I RLLGICLTSTM	322	309
>EGFR-V786I RLLGICLTSTV	19	>EGFR-V786I RLLGICLTSTM	724	705
>EGFR-V786I RLLGICLTSTV	2	>EGFR-V786I RLLGICLTSTM	14	12
>EGFR-V786I RLLGICLTSTV	5	>EGFR-V786I RLLGICLTSTM	99	94

>EGFR-V786I RLLGICLTSTV	5	>EGFR-V786I RLLGICLTSTM	71	66
>EGFR-V786I RLLGICLTSTV	2	>EGFR-V786I RLLGICLTSTM	32	30
>EGFR-V786I RLLGICLTSTV	2	>EGFR-V786I RLLGICLTSTM	32	30
>EGFR-V786I RLLGICLTSTV	23	>EGFR-V786I RLLGICLTSTM	14	9
>EGFR-V786I RLLGICLTSTV	3419	>EGFR-V786I RLLGICLTSTM	256	3163
>EGFR-V786I RLLGICLTSTV	1293	>EGFR-V786I RLLGICLTSTM	286	1007
>EGFR-V786I RLLGICLTSTV	6546	>EGFR-V786I RLLGICLTSTM	187	6359
>EGFR-V786I RLLGICLTSTV	241	>EGFR-V786I RLLGICLTSTM	16	225
>EGFR-V786I STVQLITQL	788	>EGFR-V786I STMQLITQL	171	617
>EGFR-V786I STVQLITQL	5704	>EGFR-V786I STMQLITQL	291	5413
>EGFR-V786I STVQLITQL	339	>EGFR-V786I STMQLITQL	36	303
>EGFR-V786I STVQLITQLM	1715	>EGFR-V786I STMQLITQLM	357	1358
>EGFR-V786I STVQLITQL	907	>EGFR-V786I STMQLITQL	170	737
>EGFR-V786I STVQLITQLM	2180	>EGFR-V786I STMQLITQLM	455	1725
>EGFR-V786I STVQLITQL	408	>EGFR-V786I STMQLITQL	115	293
>EGFR-V786I STVQLITQL	706	>EGFR-V786I STMQLITQL	207	499
>EGFR-V786I STVQLITQL	1041	>EGFR-V786I STMQLITQL	440	601
>EGFR-V786I STVQLITQ	371	>EGFR-V786I STMQLITQ	1289	918
>EGFR-V786I STVQLITQL	64	>EGFR-V786I STMQLITQL	191	127
>EGFR-V786I STVQLITQLM	18	>EGFR-V786I STMQLITQLM	57	39
>EGFR-V786I STVQLITQLM	139	>EGFR-V786I STMQLITQLM	251	112
>EGFR-V786I STVQLITQL	572	>EGFR-V786I STMQLITQL	51	521
>EGFR-V786I STVQLITQLM	2556	>EGFR-V786I STMQLITQLM	358	2198
>EGFR-V786I STVQLITQL	116	>EGFR-V786I STMQLITQL	34	82
>EGFR-V786I STVQLITQLM	296	>EGFR-V786I STMQLITQLM	218	78
>EGFR-V786I STVQLITQL	222	>EGFR-V786I STMQLITQL	47	175
>EGFR-V786I STVQLITQLM	528	>EGFR-V786I STMQLITQLM	118	410
>EGFR-V786I STVQLITQL	7	>EGFR-V786I STMQLITQL	8	1
>EGFR-V786I STVQLITQLM	18	>EGFR-V786I STMQLITQLM	21	3
>EGFR-V786I STVQLITQL	170	>EGFR-V786I STMQLITQL	360	190
>EGFR-V786I STVQLITQLM	72	>EGFR-V786I STMQLITQLM	154	82
>EGFR-V786I STVQLITQL	17	>EGFR-V786I STMQLITQL	12	5
>EGFR-V786I STVQLITQLM	24	>EGFR-V786I STMQLITQLM	18	6
>EGFR-V786I STVQLITQL	249	>EGFR-V786I STMQLITQL	76	173
>EGFR-V786I TSTVQLITQL	59	>EGFR-V786I TSTMQLITQL	46	13
>EGFR-V786I TSTVQLITQLM	239	>EGFR-V786I TSTMQLITQL	175	64
>EGFR-V786I TSTVQLITQL	474	>EGFR-V786I TSTMQLITQL	230	244
>EGFR-V786I TSTVQLITQLM	203	>EGFR-V786I TSTMQLITQL	94	109
>EGFR-V786I TSTVQLITQL	253	>EGFR-V786I TSTMQLITQL	503	250
>EGFR-V786I TSTVQLITQLM	171	>EGFR-V786I TSTMQLITQL	121	50
>EGFR-V786I LTSTVQLI	302	>EGFR-V786I LTSTMQLI	487	185
>EGFR-V786I LTSTVQLITQL	119	>EGFR-V786I LTSTMQLITQ	188	69
>EGFR-V786I LTSTVQLI	123	>EGFR-V786I LTSTMQLI	254	131

>EGFR-V786I LTSTVQLITQL	223	>EGFR-V786I LTSTMQLITQ	599	376
>EGFR-V786I LTSTVQLI	715	>EGFR-V786I LTSTMQLI	193	522
>EGFR-V786I LTSTVQLITQL	49	>EGFR-V786I LTSTMQLITQ	17	32
>EGFR-V786I LTSTVQLI	80	>EGFR-V786I LTSTMQLI	297	217
>EGFR-V786I LTSTVQLITQL	78	>EGFR-V786I LTSTMQLITQ	173	95
>EGFR-V786I LTSTVQLITQL	117	>EGFR-V786I LTSTMQLITQ	119	2
>EGFR-V786I LTSTVQLITQ	785	>EGFR-V786I LTSTMQLITQ	350	435
>EGFR-V786I LTSTVQLITQL	30	>EGFR-V786I LTSTMQLITQ	33	3
>EGFR-V786I LTSTVQLI	32	>EGFR-V786I LTSTMQLI	36	4
>EGFR-V786I LTSTVQLITQL	298	>EGFR-V786I LTSTMQLITQ	395	97
>EGFR-V786I CLTSTVQL	75	>EGFR-V786I CLTSTMQL	86	11
>EGFR-V786I CLTSTVQLI	187	>EGFR-V786I CLTSTMQLI	156	31
>EGFR-V786I CLTSTVQL	312	>EGFR-V786I CLTSTMQL	194	118
>EGFR-V786I CLTSTVQLI	73	>EGFR-V786I CLTSTMQLI	126	53
>EGFR-V786I CLTSTVQL	143	>EGFR-V786I CLTSTMQL	298	155
>EGFR-V786I CLTSTVQLI	103	>EGFR-V786I CLTSTMQLI	428	325
>EGFR-V786I CLTSTVQL	364	>EGFR-V786I CLTSTMQL	506	142
>EGFR-V786I CLTSTVQLI	316	>EGFR-V786I CLTSTMQLI	776	460
>EGFR-V786I CLTSTVQL	227	>EGFR-V786I CLTSTMQL	534	307
>EGFR-V786I CLTSTVQLI	272	>EGFR-V786I CLTSTMQLI	1237	965
>EGFR-V786I CLTSTVQL	77	>EGFR-V786I CLTSTMQL	237	160
>EGFR-V786I CLTSTVQLI	301	>EGFR-V786I CLTSTMQLI	2559	2258
>EGFR-V786I CLTSTVQL	7	>EGFR-V786I CLTSTMQL	8	1
>EGFR-V786I CLTSTVQLI	25	>EGFR-V786I CLTSTMQLI	68	43
>EGFR-V786I GICLTSTV	138	>EGFR-V786I GICLTSTM	4948	4810
>EGFR-V786I GICLTSTV	122	>EGFR-V786I GICLTSTM	8940	8818
>EGFR-V786I GICLTSTV	314	>EGFR-V786I GICLTSTM	15040	14726
>EGFR-V786I GICLTSTV	38	>EGFR-V786I GICLTSTM	14131	14093
>EGFR-V786I LGICLTSTV	3213	>EGFR-V786I LGICLTSTM	192	3021
>EGFR-V786I LGICLTSTV	4946	>EGFR-V786I LGICLTSTM	59	4887
>EGFR-V786I LGICLTSTV	256	>EGFR-V786I LGICLTSTM	17	239
>EGFR-V786I LLGICLTSTV	63	>EGFR-V786I LLGICLTSTM	659	596
>EGFR-V786I LLGICLTSTV	17	>EGFR-V786I LLGICLTSTM	43	26
>EGFR-V786I LLGICLTSTV	14	>EGFR-V786I LLGICLTSTM	169	155
>EGFR-V786I LLGICLTSTV	98	>EGFR-V786I LLGICLTSTM	1204	1106
>EGFR-V786I LLGICLTSTV	4	>EGFR-V786I LLGICLTSTM	212	208
>EGFR-V786I LLGICLTSTV	5	>EGFR-V786I LLGICLTSTM	276	271
>EGFR-V786I LLGICLTSTV	9	>EGFR-V786I LLGICLTSTM	1090	1081
>EGFR-V786I LLGICLTSTV	6	>EGFR-V786I LLGICLTSTM	590	584
>EGFR-V786I LLGICLTSTV	2	>EGFR-V786I LLGICLTSTM	28	26
>EGFR-V786I LLGICLTSTVQ	272	>EGFR-V786I LLGICLTSTM	201	71
>EGFR-V786I LLGICLTSTV	2599	>EGFR-V786I LLGICLTSTM	174	2425
>EGFR-V786I LLGICLTSTV	8389	>EGFR-V786I LLGICLTSTM	311	8078

>EGFR-V802FLMPFGCLLDY	24	>EGFR-V802FLMPFGCLLDY	8713	8689
>EGFR-V802FLMPFGCLLDY	12	>EGFR-V802FLMPFGCLLDY	1453	1441
>EGFR-V802FLMPFGCLLDY	8	>EGFR-V802FLMPFGCLLDY	3963	3955
>EGFR-V802FLMPFGCLLDY	12	>EGFR-V802FLMPFGCLLDY	736	724
>EGFR-V802FLMPFGCLLDY	3	>EGFR-V802FLMPFGCLLDY	986	983
>EGFR-V802FLMPFGCLLDY	14	>EGFR-V802FLMPFGCLLDY	8749	8735
>EGFR-V802FLMPFGCLLDY	8	>EGFR-V802FLMPFGCLLDY	12489	12481
>EGFR-V802FLMPFGCLLDY	6	>EGFR-V802FLMPFGCLLDY	11345	11339
>EGFR-V802FLMPFGCLLDY	3	>EGFR-V802FLMPFGCLLDY	8780	8777
>EGFR-V802FLMPFGCLLDY	8863	>EGFR-V802FLMPFGCLLDY	41	8822
>EGFR-V802FLMPFGCLLDY	4050	>EGFR-V802FLMPFGCLLDY	305	3745
>EGFR-V802FLMPFGCLLDY	6575	>EGFR-V802FLMPFGCLLDY	135	6440
>EGFR-V802FLMPFGCLLDY	7730	>EGFR-V802FLMPFGCLLDY	313	7417
>EGFR-V802FLMPFGCLLDY	509	>EGFR-V802FLMPFGCLLDY	100	409
>EGFR-V802FDYVREHKDNI	1402	>EGFR-V802FDYFREHKDNI	434	968
>EGFR-V802FLDYVREHKDN	101	>EGFR-V802FLDYFREHKDN	163	62
>EGFR-V802FLDYVREHKDN	286	>EGFR-V802FLDYFREHKDN	647	361
>EGFR-V802FLDYVREHKDN	387	>EGFR-V802FLDYFREHKDN	626	239
>EGFR-V802FLDYVREHKDN	62	>EGFR-V802FLDYFREHKDN	226	164
>EGFR-V802FCLLDYVREHK	74	>EGFR-V802FCLLDYFREHK	88	14
>EGFR-V802FCLLDYVREHK	144	>EGFR-V802FCLLDYFREHK	144	0
>EGFR-V802FCLLDYVREHK	570	>EGFR-V802FCLLDYFREHK	300	270
>EGFR-V802FCLLDYVREHK	2254	>EGFR-V802FCLLDYFREHK	486	1768
>EGFR-V802FGCLLDYVR	1847	>EGFR-V802FGCLLDYFR	224	1623
>EGFR-V802FGCLLDYVR	361	>EGFR-V802FGCLLDYFR	151	210
>EGFR-V802FGCLLDYV	218	>EGFR-V802FGCLLDYF	3842	3624
>EGFR-V802FGCLLDYV	151	>EGFR-V802FGCLLDYF	4526	4375
>EGFR-V802FGCLLDYVR	1663	>EGFR-V802FGCLLDYFR	307	1356
>EGFR-V802FGCLLDYVR	2597	>EGFR-V802FGCLLDYFR	364	2233
>EGFR-V802FGCLLDYVR	542	>EGFR-V802FGCLLDYFR	66	476
>EGFR-V802FGCLLDYVR	78	>EGFR-V802FGCLLDYFR	28	50
>EGFR-V802FPFGCLLDYV	13065	>EGFR-V802FPFGCLLDYF	209	12856
>EGFR-V802FPFGCLLDYV	8076	>EGFR-V802FPFGCLLDYF	45	8031
>EGFR-V802FPFGCLLDYVR	1752	>EGFR-V802FPFGCLLDYFR	237	1515
>EGFR-V802FPFGCLLDYVR	3763	>EGFR-V802FPFGCLLDYFR	219	3544
>EGFR-V802FPFGCLLDYVR	1649	>EGFR-V802FPFGCLLDYFR	309	1340
>EGFR-V802FPFGCLLDYVR	35	>EGFR-V802FPFGCLLDYFR	23	12
>EGFR-V802FMPFGCLLDY\	8	>EGFR-V802FMPFGCLLDYF	4	4
>EGFR-V802FMPFGCLLDY\	203	>EGFR-V802FMPFGCLLDYF	14424	14221
>EGFR-V802FMPFGCLLDY\	131	>EGFR-V802FMPFGCLLDYF	15492	15361
>EGFR-V802FMPFGCLLDY\	399	>EGFR-V802FMPFGCLLDYF	20600	20201
>EGFR-V802FMPFGCLLDY\	498	>EGFR-V802FMPFGCLLDYF	101	397
>EGFR-V802FMPFGCLLDY\	425	>EGFR-V802FMPFGCLLDYF	65	360

>EGFR-V802FMPFGCLLDY\	63	>EGFR-V802FMPFGCLLDYF	14	49
>EGFR-V802FMPFGCLLDY\	282	>EGFR-V802FMPFGCLLDYF	10851	10569
>EGFR-V802FMPFGCLLDY\	5464	>EGFR-V802FMPFGCLLDYF	246	5218
>EGFR-V802FMPFGCLLDY\	3699	>EGFR-V802FMPFGCLLDYF	129	3570
>EGFR-V802FMPFGCLLDY\	80	>EGFR-V802FMPFGCLLDYF	312	232
>EGFR-V802FMPFGCLLDY\	1655	>EGFR-V802FMPFGCLLDYF	243	1412
>EGFR-V802FMPFGCLLDY\	25	>EGFR-V802FMPFGCLLDYF	582	557
>EGFR-V802FMPFGCLLDY\	43	>EGFR-V802FMPFGCLLDYF	106	63
>EGFR-V802FMPFGCLLDY\	2336	>EGFR-V802FMPFGCLLDYF	36	2300
>EGFR-V802FMPFGCLLDY\	2818	>EGFR-V802FMPFGCLLDYF	337	2481
>EGFR-V802FMPFGCLLDY\	32	>EGFR-V802FMPFGCLLDYF	21	11
>EGFR-V802IYVREHKDNI	519	>EGFR-V802IYIREHKDNI	176	343
>EGFR-V802ILMPFGCLLDY	24	>EGFR-V802ILMPFGCLLDY	75	51
>EGFR-V802ILMPFGCLLDY	12	>EGFR-V802ILMPFGCLLDY	41	29
>EGFR-V802ILMPFGCLLDY	8	>EGFR-V802ILMPFGCLLDY	25	17
>EGFR-V802ILMPFGCLLDY	12	>EGFR-V802ILMPFGCLLDY	64	52
>EGFR-V802ILMPFGCLLDY	3	>EGFR-V802ILMPFGCLLDY	15	12
>EGFR-V802ILMPFGCLLDY	14	>EGFR-V802ILMPFGCLLDY	105	91
>EGFR-V802ILMPFGCLLDY	8	>EGFR-V802ILMPFGCLLDY	71	63
>EGFR-V802ILMPFGCLLDY	6	>EGFR-V802ILMPFGCLLDY	91	85
>EGFR-V802ILMPFGCLLDY	3	>EGFR-V802ILMPFGCLLDY	53	50
>EGFR-V802ILMPFGCLLDY	509	>EGFR-V802ILMPFGCLLDY	219	290
>EGFR-V802ILDYVREHKDN	101	>EGFR-V802ILDYIREHKDN	67	34
>EGFR-V802ILDYVREHKDN	286	>EGFR-V802ILDYIREHKDN	362	76
>EGFR-V802ILDYVREHKDN	387	>EGFR-V802ILDYIREHKDN	194	193
>EGFR-V802ILDYVREHKDN	62	>EGFR-V802ILDYIREHKDN	66	4
>EGFR-V802ICLLDYVREHK	74	>EGFR-V802ICLLDYIREHK	58	16
>EGFR-V802ICLLDYVREHK	144	>EGFR-V802ICLLDYIREHK	174	30
>EGFR-V802ICLLDYVREHK	570	>EGFR-V802ICLLDYIREHK	414	156
>EGFR-V802IGCLLDYVR	361	>EGFR-V802IGCLLDYIR	413	52
>EGFR-V802IFGCLLDYV	218	>EGFR-V802IFGCLLDYI	480	262
>EGFR-V802IFGCLLDYV	151	>EGFR-V802IFGCLLDYI	840	689
>EGFR-V802IFGCLLDYVR	78	>EGFR-V802IFGCLLDYIR	75	3
>EGFR-V802IPFGCLLDYVR	35	>EGFR-V802IPFGCLLDYIR	38	3
>EGFR-V802IMPFGLLDY\	8	>EGFR-V802IMPFGLLDYI	6	2
>EGFR-V802IMPFGLLDY\	203	>EGFR-V802IMPFGLLDYI	460	257
>EGFR-V802IMPFGLLDY\	131	>EGFR-V802IMPFGLLDYI	460	329
>EGFR-V802IMPFGLLDY\	399	>EGFR-V802IMPFGLLDYI	2985	2586
>EGFR-V802IMPFGLLDY\	498	>EGFR-V802IMPFGLLDYI	600	102
>EGFR-V802IMPFGLLDY\	425	>EGFR-V802IMPFGLLDYI	594	169
>EGFR-V802IMPFGLLDY\	63	>EGFR-V802IMPFGLLDYI	61	2
>EGFR-V802IMPFGLLDY\	282	>EGFR-V802IMPFGLLDYI	890	608
>EGFR-V802IMPFGLLDY\	80	>EGFR-V802IMPFGLLDYI	114	34



>EGFR-V802I MPFGCLLDYI	25	>EGFR-V802I MPFGCLLDYI	113	88
>EGFR-V802I MPFGCLLDYI	43	>EGFR-V802I MPFGCLLDYI	45	2
>EGFR-V802I MPFGCLLDYI	32	>EGFR-V802I MPFGCLLDYI	34	2
>EGFR-V819/VQIAKGMNY	300	>EGFR-V819/AQIAKGMNY	134	166
>EGFR-V819/VQIAKGMNY	332	>EGFR-V819/AQIAKGMNY	152	180
>EGFR-V819/VQIAKGMNY	544	>EGFR-V819/AQIAKGMNY	467	77
>EGFR-V819/VQIAKGMNY	327	>EGFR-V819/AQIAKGMNY	619	292
>EGFR-V819/VQIAKGMNY	22	>EGFR-V819/AQIAKGMNY	59	37
>EGFR-V819/VQIAKGMNY	63	>EGFR-V819/AQIAKGMNY	58	5
>EGFR-V819/VQIAKGMNY	344	>EGFR-V819/AQIAKGMNY	226	118
>EGFR-V819/VQIAKGMNY	192	>EGFR-V819/AQIAKGMNY	240	48
>EGFR-V819/VQIAKGMNY	8	>EGFR-V819/AQIAKGMNY	6	2
>EGFR-V819/VQIAKGMNY	73	>EGFR-V819/AQIAKGMNY	41	32
>EGFR-V819/VQIAKGMNY	1158	>EGFR-V819/AQIAKGMNY	389	769
>EGFR-V819/CVQIAKGMN	329	>EGFR-V819/CAQIAKGMN	401	72
>EGFR-V819/CVQIAKGMN	301	>EGFR-V819/CAQIAKGMN	2996	2695
>EGFR-V819/CVQIAKGMN	3025	>EGFR-V819/CAQIAKGMN	469	2556
>EGFR-V819/WCVQIAKGM	249	>EGFR-V819/WCAQIAKGM	1671	1422
>EGFR-V819/WCVQIAKGM	610	>EGFR-V819/WCAQIAKGM	384	226
>EGFR-V819/WCVQIAKGM	454	>EGFR-V819/WCAQIAKGM	259	195
>EGFR-V819/WCVQIAKGM	176	>EGFR-V819/WCAQIAKGM	150	26
>EGFR-V819/WCVQIAKGM	127	>EGFR-V819/WCAQIAKGM	110	17
>EGFR-V819/NWCVQIAK	292	>EGFR-V819/NWCAQIAK	87	205
>EGFR-V819/LLNWCVQI	39	>EGFR-V819/LLNWCAQI	68	29
>EGFR-V819/LLNWCVQIA	168	>EGFR-V819/LLNWCAQIA	1236	1068
>EGFR-V819/LLNWCVQI	20	>EGFR-V819/LLNWCAQI	26	6
>EGFR-V819/LLNWCVQIA	58	>EGFR-V819/LLNWCAQIA	240	182
>EGFR-V819/LLNWCVQI	12	>EGFR-V819/LLNWCAQI	11	1
>EGFR-V819/LLNWCVQIA	7	>EGFR-V819/LLNWCAQIA	31	24
>EGFR-V819/LLNWCVQI	6	>EGFR-V819/LLNWCAQI	8	2
>EGFR-V819/LLNWCVQIA	40	>EGFR-V819/LLNWCAQIA	205	165
>EGFR-V819/LLNWCVQI	100	>EGFR-V819/LLNWCAQI	107	7
>EGFR-V819/LLNWCVQIA	231	>EGFR-V819/LLNWCAQIA	661	430
>EGFR-V819/LLNWCVQI	28	>EGFR-V819/LLNWCAQI	43	15
>EGFR-V819/LLNWCVQIA	98	>EGFR-V819/LLNWCAQIA	322	224
>EGFR-V819/LLNWCVQI	14	>EGFR-V819/LLNWCAQI	14	0
>EGFR-V819/LLNWCVQIA	68	>EGFR-V819/LLNWCAQIA	441	373
>EGFR-V819/LLNWCVQI	3	>EGFR-V819/LLNWCAQI	4	1
>EGFR-V819/LLNWCVQIA	4	>EGFR-V819/LLNWCAQIA	8	4
>EGFR-V819/LLNWCVQIA†	494	>EGFR-V819/LLNWCAQIA†	766	272
>EGFR-V819/LLNWCVQIA†	42	>EGFR-V819/LLNWCAQIA†	45	3
>EGFR-V819/LLNWCVQIA†	100	>EGFR-V819/LLNWCAQIA†	177	77
>EGFR-V819/LLNWCVQIA†	223	>EGFR-V819/LLNWCAQIA†	492	269

>EGFR-V819/LLNWCVQIAI	720	>EGFR-V819/LLNWCQAQIAI	238	482
>EGFR-V819/YLLNWCVQI	7	>EGFR-V819/YLLNWCQAQI	8	1
>EGFR-V819/YLLNWCVQIAI	19	>EGFR-V819/YLLNWCQAQIAI	29	10
>EGFR-V819/YLLNWCVQI	32	>EGFR-V819/YLLNWCQAQI	28	4
>EGFR-V819/YLLNWCVQIAI	51	>EGFR-V819/YLLNWCQAQIAI	54	3
>EGFR-V819/YLLNWCVQI	21	>EGFR-V819/YLLNWCQAQI	8	13
>EGFR-V819/YLLNWCVQIAI	23	>EGFR-V819/YLLNWCQAQIAI	36	13
>EGFR-V819/YLLNWCVQ	540	>EGFR-V819/YLLNWCQAQ	157	383
>EGFR-V819/YLLNWCVQI	12	>EGFR-V819/YLLNWCQAQI	13	1
>EGFR-V819/YLLNWCVQIAI	57	>EGFR-V819/YLLNWCQAQIAI	79	22
>EGFR-V819/YLLNWCVQ	16	>EGFR-V819/YLLNWCQAQ	9	7
>EGFR-V819/YLLNWCVQI	1	>EGFR-V819/YLLNWCQAQI	1	0
>EGFR-V819/YLLNWCVQIAI	3	>EGFR-V819/YLLNWCQAQIAI	5	2
>EGFR-V819/YLLNWCVQIAI	30	>EGFR-V819/YLLNWCQAQIAI	50	20
>EGFR-V819/YLLNWCVQ	200	>EGFR-V819/YLLNWCQAQ	85	115
>EGFR-V819/YLLNWCVQI	4	>EGFR-V819/YLLNWCQAQI	3	1
>EGFR-V819/YLLNWCVQIAI	6	>EGFR-V819/YLLNWCQAQIAI	6	0
>EGFR-V819/YLLNWCVQ	24	>EGFR-V819/YLLNWCQAQ	25	1
>EGFR-V819/YLLNWCVQI	4	>EGFR-V819/YLLNWCQAQI	4	0
>EGFR-V819/YLLNWCVQIAI	6	>EGFR-V819/YLLNWCQAQIAI	7	1
>EGFR-V819/YLLNWCVQ	448	>EGFR-V819/YLLNWCQAQ	305	143
>EGFR-V819/YLLNWCVQI	2	>EGFR-V819/YLLNWCQAQI	2	0
>EGFR-V819/YLLNWCVQIAI	5	>EGFR-V819/YLLNWCQAQIAI	6	1
>EGFR-V819/YLLNWCVQ	6	>EGFR-V819/YLLNWCQAQ	5	1
>EGFR-V819/YLLNWCVQI	2	>EGFR-V819/YLLNWCQAQI	2	0
>EGFR-V819/YLLNWCVQIAI	2	>EGFR-V819/YLLNWCQAQIAI	3	1
>EGFR-V819/YLLNWCVQIAI	52	>EGFR-V819/YLLNWCQAQIAI	45	7
>EGFR-V819/YLLNWCVQIAI	79	>EGFR-V819/YLLNWCQAQIAI	88	9
>EGFR-V819/YLLNWCVQIAI	83	>EGFR-V819/YLLNWCQAQIAI	126	43
>EGFR-V819/YLLNWCVQI	46	>EGFR-V819/YLLNWCQAQI	69	23
>EGFR-V819/YLLNWCVQI	65	>EGFR-V819/YLLNWCQAQI	407	342
>EGFR-V819/YLLNWCVQIAI	417	>EGFR-V819/YLLNWCQAQIAI	566	149
>EGFR-V819/YLLNWCVQI	22	>EGFR-V819/YLLNWCQAQI	13	9
>EGFR-V819/YLLNWCVQI	288	>EGFR-V819/YLLNWCQAQI	549	261
>EGFR-V819/YLLNWCVQI	863	>EGFR-V819/YLLNWCQAQI	365	498
>EGFR-V819/QYLLNWCVQ	106	>EGFR-V819/QYLLNWCQAQ	139	33
>EGFR-V819/QYLLNWCVQ	640	>EGFR-V819/QYLLNWCQAQ	465	175
>EGFR-V819/QYLLNWCV	368	>EGFR-V819/QYLLNWCQA	1935	1567
>EGFR-V819/QYLLNWCVQ	11	>EGFR-V819/QYLLNWCQAQ	14	3
>EGFR-V819/QYLLNWCVQ	302	>EGFR-V819/QYLLNWCQAQ	407	105
>EGFR-V819/SQYLLNWCV	52	>EGFR-V819/SQYLLNWCQA	37	15
>EGFR-V819/SQYLLNWCV	19	>EGFR-V819/SQYLLNWCQA	255	236
>EGFR-V819/SQYLLNWCV	221	>EGFR-V819/SQYLLNWCQA	227	6

>EGFR-V819/SQYLLNWCV	85	>EGFR-V819/SQYLLNWCA	664	579
>EGFR-V819/SQYLLNWCV	601	>EGFR-V819/SQYLLNWCA	434	167
>EGFR-V819/SQYLLNWCV	570	>EGFR-V819/SQYLLNWCA	231	339
>EGFR-V819/SQYLLNWCV	6	>EGFR-V819/SQYLLNWCA	38	32
>EGFR-V819/SQYLLNWCV	51	>EGFR-V819/SQYLLNWCA	53	2
>EGFR-V819/SQYLLNWCV	30	>EGFR-V819/SQYLLNWCA	1754	1724
>EGFR-V819/SQYLLNWCV	264	>EGFR-V819/SQYLLNWCA	226	38
>EGFR-V819/SQYLLNWCV	21	>EGFR-V819/SQYLLNWCA	1233	1212
>EGFR-V819/SQYLLNWCV	10	>EGFR-V819/SQYLLNWCA	223	213
>EGFR-V819/SQYLLNWCV	254	>EGFR-V819/SQYLLNWCA	375	121
>EGFR-V819/SQYLLNWCV	375	>EGFR-V819/SQYLLNWCA	18906	18531
>EGFR-V819/SQYLLNWCV	165	>EGFR-V819/SQYLLNWCA	464	299
>EGFR-V819/SQYLLNWCV	458	>EGFR-V819/SQYLLNWCA	2745	2287
>EGFR-V819/SQYLLNWCV	161	>EGFR-V819/SQYLLNWCA	301	140
>EGFR-V819/SQYLLNWCV	297	>EGFR-V819/SQYLLNWCA	8098	7801
>EGFR-V819/SQYLLNWCV	1093	>EGFR-V819/SQYLLNWCA	260	833
>EGFR-V819/SQYLLNWCV	185	>EGFR-V819/SQYLLNWCA	218	33
>EGFR-V819/SQYLLNWCV	502	>EGFR-V819/SQYLLNWCA	412	90
>EGFR-V834/VHRDLAARN	471	>EGFR-V834/AHRDLAARN	167	304
>EGFR-V834/LVHRDLAARN	138	>EGFR-V834/LAHRDLAARN	995	857
>EGFR-V834/LVHRDLAARN	72	>EGFR-V834/LAHRDLAARN	819	747
>EGFR-V834/LVHRDLAA	291	>EGFR-V834/LAHRDLAA	1037	746
>EGFR-V834/LVHRDLAARN	474	>EGFR-V834/LAHRDLAARN	1536	1062
>EGFR-V834/LVHRDLAAR	34	>EGFR-V834/LAHRDLAAR	60	26
>EGFR-V834/LVHRDLAAR	174	>EGFR-V834/LAHRDLAAR	302	128
>EGFR-V834/GMNYLED RR	54	>EGFR-V834/GMNYLED RR	878	824
>EGFR-V834/GMNYLED RR	42	>EGFR-V834/GMNYLED RR	450	408
>EGFR-V834/GMNYLED RR	61	>EGFR-V834/GMNYLED RR	2709	2648
>EGFR-V834/GMNYLED RR	95	>EGFR-V834/GMNYLED RR	3212	3117
>EGFR-V834/GMNYLED RR	75	>EGFR-V834/GMNYLED RR	3143	3068
>EGFR-V834/GMNYLED RR	39	>EGFR-V834/GMNYLED RR	3044	3005
>EGFR-V834/RLVHRDLA	778	>EGFR-V834/RLAHRDLA	122	656
>EGFR-V834/RLVHRDLAA	2763	>EGFR-V834/RLAHRDLAA	473	2290
>EGFR-V834/RLVHRDLA	174	>EGFR-V834/RLAHRDLA	51	123
>EGFR-V834/RLVHRDLAA	166	>EGFR-V834/RLAHRDLAA	47	119
>EGFR-V834/RLVHRDLAA	344	>EGFR-V834/RLAHRDLAA	336	8
>EGFR-V834/RLVHRDLA	452	>EGFR-V834/RLAHRDLA	230	222
>EGFR-V834/RLVHRDLAA	796	>EGFR-V834/RLAHRDLAA	348	448
>EGFR-V834/RLVHRDLAAF	26	>EGFR-V834/RLAHRDLAAF	31	5
>EGFR-V834/RLVHRDLAAF	136	>EGFR-V834/RLAHRDLAAF	107	29
>EGFR-V834/RLVHRDLAAF	132	>EGFR-V834/RLAHRDLAAF	178	46
>EGFR-V834/RRLVHRDL	220	>EGFR-V834/RRLAHRDL	178	42
>EGFR-V834/RRLVHRDL	45	>EGFR-V834/RRLAHRDL	47	2

>EGFR-V834/RRLVHRDLA	102	>EGFR-V834/RRLAHRDLA	97	5
>EGFR-V834/RRLVHRDLAA	34	>EGFR-V834/RRLAHRDLAA	26	8
>EGFR-V834/RRLVHRDLAA	29	>EGFR-V834/RRLAHRDLAA	32	3
>EGFR-V834/RRLVHRDL	15	>EGFR-V834/RRLAHRDL	21	6
>EGFR-V834/RRLVHRDLA	91	>EGFR-V834/RRLAHRDLA	99	8
>EGFR-V834/RRLVHRDLAA	38	>EGFR-V834/RRLAHRDLAA	37	1
>EGFR-V834/RRLVHRDLAA	224	>EGFR-V834/RRLAHRDLAA	247	23
>EGFR-V834/RRLVHRDL	34	>EGFR-V834/RRLAHRDL	44	10
>EGFR-V834/RRLVHRDLA	57	>EGFR-V834/RRLAHRDLA	74	17
>EGFR-V834/RRLVHRDLAA	72	>EGFR-V834/RRLAHRDLAA	65	7
>EGFR-V834/RRLVHRDLAA	121	>EGFR-V834/RRLAHRDLAA	154	33
>EGFR-V834/RRLVHRDLAA	625	>EGFR-V834/RRLAHRDLAA	238	387
>EGFR-V834/LEDRLVHRC	355	>EGFR-V834/LEDRRLAHR	408	53
>EGFR-V834/LEDRLVHRC	275	>EGFR-V834/LEDRRLAHR	373	98
>EGFR-V834/YLEDRLV	188	>EGFR-V834/YLEDRRLA	1516	1328
>EGFR-V834/YLEDRLV	44	>EGFR-V834/YLEDRRLA	343	299
>EGFR-V834/YLEDRLV	32	>EGFR-V834/YLEDRRLA	330	298
>EGFR-V834/YLEDRLV	198	>EGFR-V834/YLEDRRLA	2006	1808
>EGFR-V834/YLEDRLV	17	>EGFR-V834/YLEDRRLA	625	608
>EGFR-V834/YLEDRLV	47	>EGFR-V834/YLEDRRLA	2025	1978
>EGFR-V834/YLEDRLV	62	>EGFR-V834/YLEDRRLA	2885	2823
>EGFR-V834/YLEDRLV	2	>EGFR-V834/YLEDRRLA	8	6
>EGFR-V834/YLEDRLVHR	418	>EGFR-V834/YLEDRRLAHR	332	86
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>EGFR-V834/YLEDRLVHR	229	>EGFR-V834/YLEDRRLAHR	174	55
>EGFR-V834/YLEDRLVHR	420	>EGFR-V834/YLEDRRLAHR	410	10
>EGFR-V834/YLEDRLVHR	93	>EGFR-V834/YLEDRRLAHR	102	9
>EGFR-V834/YLEDRLVHR	162	>EGFR-V834/YLEDRRLAHR	296	134
>EGFR-V834/NYLEDRLVH	159	>EGFR-V834/NYLEDRLAH	140	19
>EGFR-V834/NYLEDRLVH	17	>EGFR-V834/NYLEDRLAH	15	2
>EGFR-V834/NYLEDRLVH	26	>EGFR-V834/NYLEDRLAH	37	11
>EGFR-V834LVHRDLAARN	471	>EGFR-V834LVHRDLAARN	361	110
>EGFR-V834LVHRDLAARN	2196	>EGFR-V834LVHRDLAARN	134	2062
>EGFR-V834LVHRDLAA	1116	>EGFR-V834LVHRDLAA	54	1062
>EGFR-V834LVHRDLAARN	138	>EGFR-V834LVHRDLAARN	12	126
>EGFR-V834LVHRDLAA	6371	>EGFR-V834LVHRDLAA	112	6259
>EGFR-V834LVHRDLAARN	542	>EGFR-V834LVHRDLAARN	9	533
>EGFR-V834LVHRDLAA	12487	>EGFR-V834LVHRDLAA	315	12172
>EGFR-V834LVHRDLAARN	2053	>EGFR-V834LVHRDLAARN	37	2016
>EGFR-V834LVHRDLAARN	5141	>EGFR-V834LVHRDLAARN	65	5076
>EGFR-V834LVHRDLAARN	5771	>EGFR-V834LVHRDLAARN	131	5640
>EGFR-V834LVHRDLAA	2973	>EGFR-V834LVHRDLAA	17	2956
>EGFR-V834LVHRDLAARN	72	>EGFR-V834LVHRDLAARN	4	68

>EGFR-V834I LVHRDLAA	291	>EGFR-V834I LLHRDLAA	2296	2005
>EGFR-V834I LVHRDLAARN	474	>EGFR-V834I LLHRDLAARN	3059	2585
>EGFR-V834I LVHRDLAAR	34	>EGFR-V834I LLHRDLAAR	52	18
>EGFR-V834I LVHRDLAAR	174	>EGFR-V834I LLHRDLAAR	1145	971
>EGFR-V834I GMNYLED RR	54	>EGFR-V834I GMNYLED RR	72	18
>EGFR-V834I GMNYLED RR	42	>EGFR-V834I GMNYLED RR	533	491
>EGFR-V834I GMNYLED RR	61	>EGFR-V834I GMNYLED RR	897	836
>EGFR-V834I GMNYLED RR	95	>EGFR-V834I GMNYLED RR	855	760
>EGFR-V834I GMNYLED RR	75	>EGFR-V834I GMNYLED RR	1140	1065
>EGFR-V834I GMNYLED RR	39	>EGFR-V834I GMNYLED RR	691	652
>EGFR-V834I RLVHRDLA	174	>EGFR-V834I RLLHRDLA	612	438
>EGFR-V834I RLVHRDLAA	166	>EGFR-V834I RLLHRDLAA	587	421
>EGFR-V834I RLVHRDLAA	344	>EGFR-V834I RLLHRDLAA	145	199
>EGFR-V834I RLVHRDLA	2266	>EGFR-V834I RLLHRDLA	330	1936
>EGFR-V834I RLVHRDLAA	1372	>EGFR-V834I RLLHRDLAA	185	1187
>EGFR-V834I RLVHRDLAA	785	>EGFR-V834I RLLHRDLAA	129	656
>EGFR-V834I RLVHRDLA	3630	>EGFR-V834I RLLHRDLA	340	3290
>EGFR-V834I RLVHRDLAA	3192	>EGFR-V834I RLLHRDLAA	303	2889
>EGFR-V834I RLVHRDLA	452	>EGFR-V834I RLLHRDLA	226	226
>EGFR-V834I RLVHRDLAA	796	>EGFR-V834I RLLHRDLAA	370	426
>EGFR-V834I RLVHRDLAAF	904	>EGFR-V834I RLLHRDLAAR	307	597
>EGFR-V834I RLVHRDLAAF	26	>EGFR-V834I RLLHRDLAAR	14	12
>EGFR-V834I RLVHRDLAA	1381	>EGFR-V834I RLLHRDLAA	234	1147
>EGFR-V834I RLVHRDLAAF	136	>EGFR-V834I RLLHRDLAAR	132	4
>EGFR-V834I RLVHRDLAAF	132	>EGFR-V834I RLLHRDLAAR	101	31
>EGFR-V834I RRLVHRDL	220	>EGFR-V834I RRLVHRDL	490	270
>EGFR-V834I RRLVHRDL	45	>EGFR-V834I RRLVHRDL	43	2
>EGFR-V834I RRLVHRDLA	102	>EGFR-V834I RRLVHRDLA	103	1
>EGFR-V834I RRLVHRDLAA	34	>EGFR-V834I RRLVHRDLAA	25	9
>EGFR-V834I RRLVHRDLAA	29	>EGFR-V834I RRLVHRDLAA	33	4
>EGFR-V834I RRLVHRDL	15	>EGFR-V834I RRLVHRDL	21	6
>EGFR-V834I RRLVHRDLA	91	>EGFR-V834I RRLVHRDLA	133	42
>EGFR-V834I RRLVHRDLAA	38	>EGFR-V834I RRLVHRDLAA	38	0
>EGFR-V834I RRLVHRDLAA	224	>EGFR-V834I RRLVHRDLAA	320	96
>EGFR-V834I RRLVHRDL	34	>EGFR-V834I RRLVHRDL	40	6
>EGFR-V834I RRLVHRDLA	57	>EGFR-V834I RRLVHRDLA	64	7
>EGFR-V834I RRLVHRDLAA	72	>EGFR-V834I RRLVHRDLAA	60	12
>EGFR-V834I RRLVHRDLAA	121	>EGFR-V834I RRLVHRDLAA	140	19
>EGFR-V834I RRLVHRDLAA	625	>EGFR-V834I RRLVHRDLAA	331	294
>EGFR-V834I DRRLVHRDL	505	>EGFR-V834I DRRLVHRDL	239	266
>EGFR-V834I LEDRRLVHRD	355	>EGFR-V834I LEDRRLVHRD	339	16
>EGFR-V834I LEDRRLVHRD	275	>EGFR-V834I LEDRRLVHRD	399	124
>EGFR-V834I YLED RRLV	188	>EGFR-V834I YLED RRLV	549	361

>EGFR-V834I YLEDRRLV	44	>EGFR-V834I YLEDRRLL	41	3
>EGFR-V834I YLEDRRLV	32	>EGFR-V834I YLEDRRLL	416	384
>EGFR-V834I YLEDRRLV	198	>EGFR-V834I YLEDRRLL	1322	1124
>EGFR-V834I YLEDRRLV	17	>EGFR-V834I YLEDRRLL	193	176
>EGFR-V834I YLEDRRLV	47	>EGFR-V834I YLEDRRLL	413	366
>EGFR-V834I YLEDRRLV	62	>EGFR-V834I YLEDRRLL	1323	1261
>EGFR-V834I YLEDRRLV	2	>EGFR-V834I YLEDRRLL	4	2
>EGFR-V834I YLEDRRLVHR	418	>EGFR-V834I YLEDRRLLHR	530	112
>EGFR-V834I YLEDRRLVHR	253	>EGFR-V834I YLEDRRLLHR	233	20
>EGFR-V834I YLEDRRLVHR	229	>EGFR-V834I YLEDRRLLHR	300	71
>EGFR-V834I YLEDRRLVHR	420	>EGFR-V834I YLEDRRLLHR	482	62
>EGFR-V834I YLEDRRLVHR	93	>EGFR-V834I YLEDRRLLHR	53	40
>EGFR-V834I YLEDRRLVHR	162	>EGFR-V834I YLEDRRLLHR	144	18
>EGFR-V834I NYLEDRRLV	2247	>EGFR-V834I NYLEDRRLL	80	2167
>EGFR-V834I NYLEDRRLVH	159	>EGFR-V834I NYLEDRRLLH	360	201
>EGFR-V834I NYLEDRRLVH	17	>EGFR-V834I NYLEDRRLLH	23	6
>EGFR-V834I NYLEDRRLVH	26	>EGFR-V834I NYLEDRRLLH	25	1
>EGFR-V834I VHRDLAAR	2598	>EGFR-V834I MHRDLAAR	375	2223
>EGFR-V834I VHRDLAARN'	957	>EGFR-V834I MHRDLAARN	343	614
>EGFR-V834I VHRDLAARN'	471	>EGFR-V834I MHRDLAARN	43	428
>EGFR-V834I VHRDLAARN'	9720	>EGFR-V834I MHRDLAARN	368	9352
>EGFR-V834I LVHRDLAARN	2196	>EGFR-V834I LMHRDLAAR	135	2061
>EGFR-V834I LVHRDLAA	1116	>EGFR-V834I LMHRDLAA	42	1074
>EGFR-V834I LVHRDLAARN	138	>EGFR-V834I LMHRDLAAR	10	128
>EGFR-V834I LVHRDLAA	1073	>EGFR-V834I LMHRDLAA	493	580
>EGFR-V834I LVHRDLAARN	787	>EGFR-V834I LMHRDLAAR	450	337
>EGFR-V834I LVHRDLAA	6371	>EGFR-V834I LMHRDLAA	64	6307
>EGFR-V834I LVHRDLAARN	542	>EGFR-V834I LMHRDLAAR	7	535
>EGFR-V834I LVHRDLAA	12487	>EGFR-V834I LMHRDLAA	204	12283
>EGFR-V834I LVHRDLAARN	2053	>EGFR-V834I LMHRDLAAR	25	2028
>EGFR-V834I LVHRDLAARN	5141	>EGFR-V834I LMHRDLAAR	58	5083
>EGFR-V834I LVHRDLAARN	5771	>EGFR-V834I LMHRDLAAR	98	5673
>EGFR-V834I LVHRDLAA	2973	>EGFR-V834I LMHRDLAA	26	2947
>EGFR-V834I LVHRDLAARN	72	>EGFR-V834I LMHRDLAAR	4	68
>EGFR-V834I LVHRDLAA	291	>EGFR-V834I LMHRDLAA	1302	1011
>EGFR-V834I LVHRDLAARN	474	>EGFR-V834I LMHRDLAAR	1860	1386
>EGFR-V834I LVHRDLAAR	34	>EGFR-V834I LMHRDLAAR	15	19
>EGFR-V834I LVHRDLAAR	867	>EGFR-V834I LMHRDLAAR	440	427
>EGFR-V834I LVHRDLAAR	174	>EGFR-V834I LMHRDLAAR	820	646
>EGFR-V834I LVHRDLAA	4918	>EGFR-V834I LMHRDLAA	418	4500
>EGFR-V834I LVHRDLAARN	8890	>EGFR-V834I LMHRDLAAR	325	8565
>EGFR-V834I GMNYLED RR	54	>EGFR-V834I GMNYLED RR	1278	1224
>EGFR-V834I GMNYLED RR	42	>EGFR-V834I GMNYLED RR	3359	3317

>EGFR-V834I GMNYLED RR	61	>EGFR-V834I GMNYLED RR	4253	4192
>EGFR-V834I GMNYLED RR	95	>EGFR-V834I GMNYLED RR	5378	5283
>EGFR-V834I GMNYLED RR	75	>EGFR-V834I GMNYLED RR	7658	7583
>EGFR-V834I GMNYLED RR	39	>EGFR-V834I GMNYLED RR	8336	8297
>EGFR-V834I RLVHRDLA	4414	>EGFR-V834I RLMHRDLA	222	4192
>EGFR-V834I RLVHRDLAA	3121	>EGFR-V834I RLMHRDLAA	122	2999
>EGFR-V834I RLVHRDLA	778	>EGFR-V834I RLMHRDLA	92	686
>EGFR-V834I RLVHRDLAA	2763	>EGFR-V834I RLMHRDLAA	371	2392
>EGFR-V834I RLVHRDLA	174	>EGFR-V834I RLMHRDLA	34	140
>EGFR-V834I RLVHRDLAA	166	>EGFR-V834I RLMHRDLAA	32	134
>EGFR-V834I RLVHRDLA	1150	>EGFR-V834I RLMHRDLA	322	828
>EGFR-V834I RLVHRDLAA	344	>EGFR-V834I RLMHRDLAA	96	248
>EGFR-V834I RLVHRDLAA	1372	>EGFR-V834I RLMHRDLAA	433	939
>EGFR-V834I RLVHRDLAA	785	>EGFR-V834I RLMHRDLAA	99	686
>EGFR-V834I RLVHRDLA	452	>EGFR-V834I RLMHRDLA	214	238
>EGFR-V834I RLVHRDLAA	796	>EGFR-V834I RLMHRDLAA	354	442
>EGFR-V834I RLVHRDLAAF	904	>EGFR-V834I RLMHRDLAA	112	792
>EGFR-V834I RLVHRDLAAF	26	>EGFR-V834I RLMHRDLAA	8	18
>EGFR-V834I RLVHRDLAAF	1562	>EGFR-V834I RLMHRDLAA	304	1258
>EGFR-V834I RLVHRDLAA	1381	>EGFR-V834I RLMHRDLAA	71	1310
>EGFR-V834I RLVHRDLAA	814	>EGFR-V834I RLMHRDLAA	265	549
>EGFR-V834I RLVHRDLAAF	136	>EGFR-V834I RLMHRDLAA	74	62
>EGFR-V834I RLVHRDLAAF	132	>EGFR-V834I RLMHRDLAA	123	9
>EGFR-V834I RRLVHRDL	220	>EGFR-V834I RRLMHRDL	164	56
>EGFR-V834I RRLVHRDL	45	>EGFR-V834I RRLMHRDL	47	2
>EGFR-V834I RRLVHRDLA	102	>EGFR-V834I RRLMHRDLA	94	8
>EGFR-V834I RRLVHRDLAA	34	>EGFR-V834I RRLMHRDLA	26	8
>EGFR-V834I RRLVHRDLAA	29	>EGFR-V834I RRLMHRDLA	31	2
>EGFR-V834I RRLVHRDL	15	>EGFR-V834I RRLMHRDL	20	5
>EGFR-V834I RRLVHRDLA	91	>EGFR-V834I RRLMHRDLA	121	30
>EGFR-V834I RRLVHRDLAA	38	>EGFR-V834I RRLMHRDLA	52	14
>EGFR-V834I RRLVHRDLAA	224	>EGFR-V834I RRLMHRDLA	299	75
>EGFR-V834I RRLVHRDL	34	>EGFR-V834I RRLMHRDL	45	11
>EGFR-V834I RRLVHRDLA	57	>EGFR-V834I RRLMHRDLA	195	138
>EGFR-V834I RRLVHRDLAA	72	>EGFR-V834I RRLMHRDLA	68	4
>EGFR-V834I RRLVHRDLAA	121	>EGFR-V834I RRLMHRDLA	389	268
>EGFR-V834I RRLVHRDLAA	625	>EGFR-V834I RRLMHRDLA	338	287
>EGFR-V834I DRRLVHRDL	505	>EGFR-V834I DRRLMHRDL	202	303
>EGFR-V834I LEDRRLVHRC	355	>EGFR-V834I LEDRRLMHRI	363	8
>EGFR-V834I LEDRRLVHRC	275	>EGFR-V834I LEDRRLMHRI	379	104
>EGFR-V834I YLED RRLV	188	>EGFR-V834I YLED RRLM	2452	2264
>EGFR-V834I YLED RRLV	44	>EGFR-V834I YLED RRLM	536	492
>EGFR-V834I YLED RRLV	32	>EGFR-V834I YLED RRLM	3335	3303

>EGFR-V834I YLED RRLV	198	>EGFR-V834I YLED RRLM	5003	4805
>EGFR-V834I YLED RRLV	17	>EGFR-V834I YLED RRLM	1168	1151
>EGFR-V834I YLED RRLV	47	>EGFR-V834I YLED RRLM	3530	3483
>EGFR-V834I YLED RRLV	62	>EGFR-V834I YLED RRLM	7554	7492
>EGFR-V834I YLED RRLV	2	>EGFR-V834I YLED RRLM	22	20
>EGFR-V834I YLED RRLVHR	418	>EGFR-V834I YLED RRLMHF	334	84
>EGFR-V834I YLED RRLVHR	253	>EGFR-V834I YLED RRLMHF	389	136
>EGFR-V834I YLED RRLVHR	229	>EGFR-V834I YLED RRLMHF	153	76
>EGFR-V834I YLED RRLVHR	420	>EGFR-V834I YLED RRLMHF	433	13
>EGFR-V834I YLED RRLVHR	93	>EGFR-V834I YLED RRLMHF	66	27
>EGFR-V834I YLED RRLVHR	162	>EGFR-V834I YLED RRLMHF	220	58
>EGFR-V834I NYLED RRLVH	159	>EGFR-V834I NYLED RRLMH	217	58
>EGFR-V834I NYLED RRLVH	17	>EGFR-V834I NYLED RRLMH	15	2
>EGFR-V834I NYLED RRLVH	26	>EGFR-V834I NYLED RRLMH	29	3
>EGFR-V843I VLVKTPQH V	476	>EGFR-V843I ILVKTPQH V	299	177
>EGFR-V843I VLVKTPQH V	215	>EGFR-V843I ILVKTPQH V	116	99
>EGFR-V843I VLVKTPQH V	703	>EGFR-V843I ILVKTPQH V	340	363
>EGFR-V843I VLVKTPQH V	22	>EGFR-V843I ILVKTPQH V	16	6
>EGFR-V843I VLVKTPQH V	269	>EGFR-V843I ILVKTPQH V	195	74
>EGFR-V843I VLVKTPQH V	248	>EGFR-V843I ILVKTPQH V	181	67
>EGFR-V843I VLVKTPQH V	3	>EGFR-V843I ILVKTPQH V	4	1
>EGFR-V843I VLVKTPQH V	25	>EGFR-V843I ILVKTPQH V	30	5
>EGFR-V843I VLVKTPQH V	6	>EGFR-V843I ILVKTPQH V	8	2
>EGFR-V843I VLVKTPQH V	241	>EGFR-V843I ILVKTPQH V	350	109
>EGFR-V843I VLVKTPQH V	7	>EGFR-V843I ILVKTPQH V	8	1
>EGFR-V843I VLVKTPQH V	97	>EGFR-V843I ILVKTPQH V	200	103
>EGFR-V843I VLVKTPQH V	30	>EGFR-V843I ILVKTPQH V	27	3
>EGFR-V843I VLVKTPQH V	3	>EGFR-V843I ILVKTPQH V	4	1
>EGFR-V843I VLVKTPQH V	26	>EGFR-V843I ILVKTPQH V	34	8
>EGFR-V843I VLVKTPQH V	415	>EGFR-V843I ILVKTPQH V	198	217
>EGFR-V843I VLVKTPQH V	623	>EGFR-V843I ILVKTPQH V	249	374
>EGFR-V843I VLVKTPQH V	1023	>EGFR-V843I ILVKTPQH V	427	596
>EGFR-V843I NVLVKTPQH V	521	>EGFR-V843I NILVKTPQH V	297	224
>EGFR-V843I NVLVKTPQH V	424	>EGFR-V843I NILVKTPQH V	124	300
>EGFR-V843I NVLVKTPQH V	539	>EGFR-V843I NILVKTPQH V	255	284
>EGFR-V843I NVLVKTPQH V	178	>EGFR-V843I NILVKTPQH V	60	118
>EGFR-V843I NVLVKTPQH V	179	>EGFR-V843I NILVKTPQH V	77	102
>EGFR-V843I NVLVKTPQH V	269	>EGFR-V843I NILVKTPQH V	92	177
>EGFR-V843I NVLVKTPQH V	225	>EGFR-V843I NILVKTPQH V	415	190
>EGFR-V843I NVLVKTPQH V	318	>EGFR-V843I NILVKTPQH V	684	366
>EGFR-V843I NVLVKTPQH V	29	>EGFR-V843I NILVKTPQH V	51	22
>EGFR-V843I LVHRDLAARN	138	>EGFR-V843I LVHRDLAARN	778	640
>EGFR-V843I LVHRDLAARN	72	>EGFR-V843I LVHRDLAARN	4884	4812



>EGFR-V843I LVHRDLAARN	474	>EGFR-V843I LVHRDLAARN	270	204
>EGFR-V843I AARNVLVK	338	>EGFR-V843I AARNILVK	409	71
>EGFR-V843I AARNVLVK	5	>EGFR-V843I AARNILVK	5	0
>EGFR-V843I AARNVLVKTF	404	>EGFR-V843I AARNILVKTF	367	37
>EGFR-V843I LAARNVLV	312	>EGFR-V843I LAARNILV	477	165
>EGFR-V843I LAARNVLV	497	>EGFR-V843I LAARNILV	621	124
>EGFR-V843I LAARNVLV	337	>EGFR-V843I LAARNILV	233	104
>EGFR-V843I LAARNVLV	54	>EGFR-V843I LAARNILV	56	2
>EGFR-V843I LAARNVLVK	458	>EGFR-V843I LAARNILVK	337	121
>EGFR-V843I LAARNVLVK	230	>EGFR-V843I LAARNILVK	158	72
>EGFR-V843I LAARNVLVK	398	>EGFR-V843I LAARNILVK	357	41
>EGFR-V843I LAARNVLVK	267	>EGFR-V843I LAARNILVK	229	38
>EGFR-V843I LAARNVLV	119	>EGFR-V843I LAARNILV	170	51
>EGFR-V843I DLAARNVLV	88	>EGFR-V843I DLAARNILV	181	93
>EGFR-V843I DLAARNVLV	340	>EGFR-V843I DLAARNILV	268	72
>EGFR-V843I DLAARNVLV	65	>EGFR-V843I DLAARNILV	63	2
>EGFR-V843I DLAARNVLV	158	>EGFR-V843I DLAARNILV	186	28
>EGFR-V843I DLAARNVL	326	>EGFR-V843I DLAARNIL	478	152
>EGFR-V843I DLAARNVLV	17	>EGFR-V843I DLAARNILV	19	2
>EGFR-V843I DLAARNVLVK	382	>EGFR-V843I DLAARNILVK	345	37
>EGFR-V843I DLAARNVLV	64	>EGFR-V843I DLAARNILV	142	78
>EGFR-V843I DLAARNVLV	334	>EGFR-V843I DLAARNILV	251	83
>EGFR-V843I RDLAARNVL	377	>EGFR-V843I RDLAARNILV	351	26
>EGFR-V843I RDLAARNVL	97	>EGFR-V843I RDLAARNIL	162	65
>EGFR-V843I RDLAARNV	187	>EGFR-V843I RDLAARNI	23	164
>EGFR-V843I RDLAARNV	210	>EGFR-V843I RDLAARNI	102	108
>EGFR-V843I RDLAARNVL	96	>EGFR-V843I RDLAARNILV	104	8
>EGFR-V843I HRDLAARNVL	62	>EGFR-V843I HRDLAARNIL	51	11
>EGFR-V843I HRDLAARNVL	21	>EGFR-V843I HRDLAARNIL	30	9
>EGFR-V843I HRDLAARNVL	347	>EGFR-V843I HRDLAARNIL	272	75
>EGFR-V843I VHRDLAARNV	471	>EGFR-V843I VHRDLAARNI	1090	619
>EGFR-V845/VKTPQHVKI	395	>EGFR-V845/AKTPQHVKI	247	148
>EGFR-V845/LVKTPQHV	262	>EGFR-V845/LAKTPQHV	2168	1906
>EGFR-V845/LVKTPQHV	42	>EGFR-V845/LAKTPQHV	654	612
>EGFR-V845/LVKTPQHVK	322	>EGFR-V845/LAKTPQHVK	3112	2790
>EGFR-V845/LVKTPQHVK	207	>EGFR-V845/LAKTPQHVK	1275	1068
>EGFR-V845/LVKTPQHV	173	>EGFR-V845/LAKTPQHV	672	499
>EGFR-V845/LVKTPQHVK	15	>EGFR-V845/LAKTPQHVK	39	24
>EGFR-V845/LVKTPQHVKI	126	>EGFR-V845/LAKTPQHVKI	417	291
>EGFR-V845/LVKTPQHVK	399	>EGFR-V845/LAKTPQHVK	1073	674
>EGFR-V845/LVKTPQHVK	357	>EGFR-V845/LAKTPQHVK	766	409
>EGFR-V845/VLVKTPQHV	476	>EGFR-V845/VLAKTPQHV	115	361
>EGFR-V845/VLVKTPQHV	215	>EGFR-V845/VLAKTPQHV	28	187

>EGFR-V845/VLVKTPQHVK	703	>EGFR-V845/VLAKTPQHVK	115	588
>EGFR-V845/VLVKTPQHV	22	>EGFR-V845/VLAKTPQHV	10	12
>EGFR-V845/VLVKTPQHVK	269	>EGFR-V845/VLAKTPQHVK	81	188
>EGFR-V845/VLVKTPQHV	248	>EGFR-V845/VLAKTPQHV	269	21
>EGFR-V845/VLVKTPQHV	3	>EGFR-V845/VLAKTPQHV	3	0
>EGFR-V845/VLVKTPQHVK	25	>EGFR-V845/VLAKTPQHVK	22	3
>EGFR-V845/VLVKTPQHV	6	>EGFR-V845/VLAKTPQHV	6	0
>EGFR-V845/VLVKTPQHVK	241	>EGFR-V845/VLAKTPQHVK	233	8
>EGFR-V845/VLVKTPQHV	7	>EGFR-V845/VLAKTPQHV	5	2
>EGFR-V845/VLVKTPQHVK	97	>EGFR-V845/VLAKTPQHVK	25	72
>EGFR-V845/VLVKTPQHV	30	>EGFR-V845/VLAKTPQHV	5	25
>EGFR-V845/VLVKTPQHVK	2278	>EGFR-V845/VLAKTPQHVK	225	2053
>EGFR-V845/VLVKTPQHV	3	>EGFR-V845/VLAKTPQHV	2	1
>EGFR-V845/VLVKTPQHVK	26	>EGFR-V845/VLAKTPQHVK	12	14
>EGFR-V845/VLVKTPQHVK	415	>EGFR-V845/VLAKTPQHVK	400	15
>EGFR-V845/NVLVKTQHN	521	>EGFR-V845/NVLAKTPQHN	243	278
>EGFR-V845/NVLVKTQHN	424	>EGFR-V845/NVLAKTPQHN	117	307
>EGFR-V845/NVLVKTQHN	539	>EGFR-V845/NVLAKTPQHN	293	246
>EGFR-V845/NVLVKTQHN	178	>EGFR-V845/NVLAKTPQHN	97	81
>EGFR-V845/NVLVKTQHN	179	>EGFR-V845/NVLAKTPQHN	121	58
>EGFR-V845/NVLVKTQHN	269	>EGFR-V845/NVLAKTPQHN	112	157
>EGFR-V845/NVLVKTQHN	225	>EGFR-V845/NVLAKTPQHN	108	117
>EGFR-V845/NVLVKTQHN	318	>EGFR-V845/NVLAKTPQHN	232	86
>EGFR-V845/NVLVKTQHN	29	>EGFR-V845/NVLAKTPQHN	15	14
>EGFR-V845/AARNVLVK	338	>EGFR-V845/AARNVLAK	271	67
>EGFR-V845/AARNVLVK	576	>EGFR-V845/AARNVLAK	493	83
>EGFR-V845/AARNVLVK	5	>EGFR-V845/AARNVLAK	4	1
>EGFR-V845/AARNVLVKTF	404	>EGFR-V845/AARNVLAKTF	229	175
>EGFR-V845/LAARNVLV	312	>EGFR-V845/LAARNVLA	2743	2431
>EGFR-V845/LAARNVLV	497	>EGFR-V845/LAARNVLA	3373	2876
>EGFR-V845/LAARNVLV	337	>EGFR-V845/LAARNVLA	3631	3294
>EGFR-V845/LAARNVLV	54	>EGFR-V845/LAARNVLA	8406	8352
>EGFR-V845/LAARNVLVK	458	>EGFR-V845/LAARNVLAK	319	139
>EGFR-V845/LAARNVLVK	230	>EGFR-V845/LAARNVLAK	158	72
>EGFR-V845/LAARNVLVK	398	>EGFR-V845/LAARNVLAK	252	146
>EGFR-V845/LAARNVLVK	267	>EGFR-V845/LAARNVLAK	208	59
>EGFR-V845/LAARNVLV	119	>EGFR-V845/LAARNVLA	1545	1426
>EGFR-V845/DLAARNVLV	88	>EGFR-V845/DLAARNVLA	958	870
>EGFR-V845/DLAARNVLV	340	>EGFR-V845/DLAARNVLA	8768	8428
>EGFR-V845/DLAARNVLV	65	>EGFR-V845/DLAARNVLA	5359	5294
>EGFR-V845/DLAARNVLV	158	>EGFR-V845/DLAARNVLA	9002	8844
>EGFR-V845/DLAARNVLV	17	>EGFR-V845/DLAARNVLA	563	546
>EGFR-V845/DLAARNVLVK	382	>EGFR-V845/DLAARNVLAK	264	118

>EGFR-V845/DLAARNVLV	745	>EGFR-V845/DLAARNVLA	426	319
>EGFR-V845/DLAARNVLV	64	>EGFR-V845/DLAARNVLA	647	583
>EGFR-V845/DLAARNVLV	334	>EGFR-V845/DLAARNVLA	6393	6059
>EGFR-V845/RDLAARNVL	377	>EGFR-V845/RDLAARNVL	248	129
>EGFR-V845/RDLAARNVL	96	>EGFR-V845/RDLAARNVL	3183	3087
>EGFR-V845I VKTPQHVKI	395	>EGFR-V845I MKTPQHVKI	113	282
>EGFR-V845I LVKTPQHV	6469	>EGFR-V845I LMKTPQHV	291	6178
>EGFR-V845I LVKTPQHV	262	>EGFR-V845I LMKTPQHV	10	252
>EGFR-V845I LVKTPQHV	2108	>EGFR-V845I LMKTPQHV	14	2094
>EGFR-V845I LVKTPQHVKI	13132	>EGFR-V845I LMKTPQHVK	348	12784
>EGFR-V845I LVKTPQHV	4625	>EGFR-V845I LMKTPQHV	31	4594
>EGFR-V845I LVKTPQHV	8329	>EGFR-V845I LMKTPQHV	110	8219
>EGFR-V845I LVKTPQHV	11242	>EGFR-V845I LMKTPQHV	296	10946
>EGFR-V845I LVKTPQHV	42	>EGFR-V845I LMKTPQHV	3	39
>EGFR-V845I LVKTPQHVKI	4723	>EGFR-V845I LMKTPQHVK	37	4686
>EGFR-V845I LVKTPQHVK	322	>EGFR-V845I LMKTPQHVK	99	223
>EGFR-V845I LVKTPQHVK	207	>EGFR-V845I LMKTPQHVK	396	189
>EGFR-V845I LVKTPQHV	173	>EGFR-V845I LMKTPQHV	875	702
>EGFR-V845I LVKTPQHVK	15	>EGFR-V845I LMKTPQHVK	49	34
>EGFR-V845I LVKTPQHVKI	126	>EGFR-V845I LMKTPQHVK	542	416
>EGFR-V845I LVKTPQHVK	399	>EGFR-V845I LMKTPQHVK	139	260
>EGFR-V845I LVKTPQHVK	357	>EGFR-V845I LMKTPQHVK	1748	1391
>EGFR-V845I LVKTPQHV	5420	>EGFR-V845I LMKTPQHV	113	5307
>EGFR-V845I LVKTPQHVKI	5256	>EGFR-V845I LMKTPQHVK	108	5148
>EGFR-V845I HRDLAARNV	1037	>EGFR-V845I HRDLAARNV	240	797
>EGFR-V845I HRDLAARNV	574	>EGFR-V845I HRDLAARNV	161	413
>EGFR-V845I VLVKTPQHV	476	>EGFR-V845I VLMKTPQHV	24	452
>EGFR-V845I VLVKTPQHV	3159	>EGFR-V845I VLMKTPQHV	148	3011
>EGFR-V845I VLVKTPQHV	215	>EGFR-V845I VLMKTPQHV	25	190
>EGFR-V845I VLVKTPQHV	703	>EGFR-V845I VLMKTPQHV	94	609
>EGFR-V845I VLVKTPQHV	22	>EGFR-V845I VLMKTPQHV	7	15
>EGFR-V845I VLVKTPQHV	269	>EGFR-V845I VLMKTPQHV	53	216
>EGFR-V845I VLVKTPQHV	248	>EGFR-V845I VLMKTPQHV	74	174
>EGFR-V845I VLVKTPQHV	3	>EGFR-V845I VLMKTPQHV	2	1
>EGFR-V845I VLVKTPQHV	25	>EGFR-V845I VLMKTPQHV	10	15
>EGFR-V845I VLVKTPQHV	6	>EGFR-V845I VLMKTPQHV	3	3
>EGFR-V845I VLVKTPQHV	241	>EGFR-V845I VLMKTPQHV	26	215
>EGFR-V845I VLVKTPQHV	7	>EGFR-V845I VLMKTPQHV	5	2
>EGFR-V845I VLVKTPQHV	97	>EGFR-V845I VLMKTPQHV	38	59
>EGFR-V845I VLVKTPQHV	30	>EGFR-V845I VLMKTPQHV	2	28
>EGFR-V845I VLVKTPQHV	2278	>EGFR-V845I VLMKTPQHV	41	2237
>EGFR-V845I VLVKTPQHV	3	>EGFR-V845I VLMKTPQHV	3	0
>EGFR-V845I VLVKTPQHV	26	>EGFR-V845I VLMKTPQHV	13	13

>EGFR-V845I VLVKTPQHVK	415	>EGFR-V845I VLMKTPQHV	59	356
>EGFR-V845I VLVKTPQHVK	663	>EGFR-V845I VLMKTPQHV	101	562
>EGFR-V845I VLVKTPQHVK	1938	>EGFR-V845I VLMKTPQHV	248	1690
>EGFR-V845I VLVKTPQHV	623	>EGFR-V845I VLMKTPQHV	247	376
>EGFR-V845I VLVKTPQHVK	1023	>EGFR-V845I VLMKTPQHV	421	602
>EGFR-V845I NVLVKTPQH	521	>EGFR-V845I NVLMKTPQH	421	100
>EGFR-V845I NVLVKTPQH	424	>EGFR-V845I NVLMKTPQH	192	232
>EGFR-V845I NVLVKTPQH	178	>EGFR-V845I NVLMKTPQH	133	45
>EGFR-V845I NVLVKTPQH	179	>EGFR-V845I NVLMKTPQH	235	56
>EGFR-V845I NVLVKTPQH	269	>EGFR-V845I NVLMKTPQH	142	127
>EGFR-V845I NVLVKTPQH	225	>EGFR-V845I NVLMKTPQH	139	86
>EGFR-V845I NVLVKTPQH	318	>EGFR-V845I NVLMKTPQH	241	77
>EGFR-V845I NVLVKTPQH	29	>EGFR-V845I NVLMKTPQH	37	8
>EGFR-V845I AARNVLVK	338	>EGFR-V845I AARNVLMK	196	142
>EGFR-V845I AARNVLVK	576	>EGFR-V845I AARNVLMK	277	299
>EGFR-V845I AARNVLVK	5	>EGFR-V845I AARNVLMK	5	0
>EGFR-V845I AARNVLVKT	1277	>EGFR-V845I AARNVLMKT	324	953
>EGFR-V845I AARNVLVKTF	404	>EGFR-V845I AARNVLMKT	236	168
>EGFR-V845I LAARNVLV	312	>EGFR-V845I LAARNVLM	3594	3282
>EGFR-V845I LAARNVLV	497	>EGFR-V845I LAARNVLM	11167	10670
>EGFR-V845I LAARNVLV	337	>EGFR-V845I LAARNVLM	8059	7722
>EGFR-V845I LAARNVLV	54	>EGFR-V845I LAARNVLM	17306	17252
>EGFR-V845I LAARNVLVK	458	>EGFR-V845I LAARNVLMK	282	176
>EGFR-V845I LAARNVLVK	230	>EGFR-V845I LAARNVLMK	119	111
>EGFR-V845I LAARNVLVK	398	>EGFR-V845I LAARNVLMK	478	80
>EGFR-V845I LAARNVLVK	267	>EGFR-V845I LAARNVLMK	101	166
>EGFR-V845I LAARNVLV	119	>EGFR-V845I LAARNVLM	5866	5747
>EGFR-V845I LAARNVLV	10894	>EGFR-V845I LAARNVLM	220	10674
>EGFR-V845I LAARNVLV	4784	>EGFR-V845I LAARNVLM	187	4597
>EGFR-V845I DLAARNVLV	88	>EGFR-V845I DLAARNVLM	1317	1229
>EGFR-V845I DLAARNVLV	340	>EGFR-V845I DLAARNVLM	11322	10982
>EGFR-V845I DLAARNVLV	65	>EGFR-V845I DLAARNVLM	11029	10964
>EGFR-V845I DLAARNVLV	158	>EGFR-V845I DLAARNVLM	10026	9868
>EGFR-V845I DLAARNVLV	17	>EGFR-V845I DLAARNVLM	2696	2679
>EGFR-V845I DLAARNVLVK	382	>EGFR-V845I DLAARNVLM	167	215
>EGFR-V845I DLAARNVLVK	751	>EGFR-V845I DLAARNVLM	397	354
>EGFR-V845I DLAARNVLVK	745	>EGFR-V845I DLAARNVLM	265	480
>EGFR-V845I DLAARNVLV	64	>EGFR-V845I DLAARNVLM	3710	3646
>EGFR-V845I DLAARNVLV	334	>EGFR-V845I DLAARNVLM	4482	4148
>EGFR-V845I RDLAARNVLI	377	>EGFR-V845I RDLAARNVLI	428	51
>EGFR-V845I RDLAARNVLI	96	>EGFR-V845I RDLAARNVLI	1411	1315
>EGFR-V851I VKITDFGL	279	>EGFR-V851I AKITDFGL	153	126
>EGFR-V851I VKITDFGLAK	252	>EGFR-V851I AKITDFGLAK	171	81

>EGFR-V851/VKITDFGLAKI	295	>EGFR-V851/AKITDFGLAKI	161	134
>EGFR-V851/HVKITDFGLA	276	>EGFR-V851/HAKITDFGLA	1266	990
>EGFR-V851/HVKITDFG	229	>EGFR-V851/HAKITDFG	846	617
>EGFR-V851/HVKITDFGL	168	>EGFR-V851/HAKITDFGL	693	525
>EGFR-V851/HVKITDFGLA	33	>EGFR-V851/HAKITDFGLA	113	80
>EGFR-V851/HVKITDFGLA	4	>EGFR-V851/HAKITDFGLA	6	2
>EGFR-V851/HVKITDFGLA	201	>EGFR-V851/HAKITDFGLA	530	329
>EGFR-V851/HVKITDFGLA	130	>EGFR-V851/HAKITDFGLA	326	196
>EGFR-V851/HVKITDFGL	328	>EGFR-V851/HAKITDFGL	24	304
>EGFR-V851/QHVKITDF	107	>EGFR-V851/QHAKITDF	137	30
>EGFR-V851/QHVKITDFGL	380	>EGFR-V851/QHAKITDFGL	370	10
>EGFR-V851/PQHVKITDF	82	>EGFR-V851/PQHAKITDF	51	31
>EGFR-V851/TPQHVKITDF	80	>EGFR-V851/TPQHAKITDF	11	69
>EGFR-V851/TPQHVKITDF	125	>EGFR-V851/TPQHAKITDF	106	19
>EGFR-V851/TPQHVKITDF	234	>EGFR-V851/TPQHAKITDF	356	122
>EGFR-V851/KTPQHVKITD	461	>EGFR-V851/KTPQHAKITD	1461	1000
>EGFR-V851/KTPQHVKI	23	>EGFR-V851/KTPQHAKI	48	25
>EGFR-V851/KTPQHVKITD	41	>EGFR-V851/KTPQHAKITD	38	3
>EGFR-V851/KTPQHVKI	299	>EGFR-V851/KTPQHAKI	133	166
>EGFR-V851/KTPQHVKITD	44	>EGFR-V851/KTPQHAKITD	41	3
>EGFR-V851/KTPQHVKI	33	>EGFR-V851/KTPQHAKI	40	7
>EGFR-V851/KTPQHVKIT	77	>EGFR-V851/KTPQHAKIT	138	61
>EGFR-V851/KTPQHVKITD	7	>EGFR-V851/KTPQHAKITD	7	0
>EGFR-V851/KTPQHVKI	51	>EGFR-V851/KTPQHAKI	42	9
>EGFR-V851/VKTPQHVKI	395	>EGFR-V851/VKTPQHAKI	919	524
>EGFR-V851/LVKTPQHV	262	>EGFR-V851/LVKTPQHA	2419	2157
>EGFR-V851/LVKTPQHV	42	>EGFR-V851/LVKTPQHA	6162	6120
>EGFR-V851/LVKTPQHVK	322	>EGFR-V851/LVKTPQHAK	234	88
>EGFR-V851/LVKTPQHVK	207	>EGFR-V851/LVKTPQHAK	161	46
>EGFR-V851/LVKTPQHV	173	>EGFR-V851/LVKTPQHA	90	83
>EGFR-V851/LVKTPQHVK	15	>EGFR-V851/LVKTPQHAK	10	5
>EGFR-V851/LVKTPQHVKI	126	>EGFR-V851/LVKTPQHAKI	82	44
>EGFR-V851/LVKTPQHVK	399	>EGFR-V851/LVKTPQHAK	178	221
>EGFR-V851/LVKTPQHVK	357	>EGFR-V851/LVKTPQHAK	233	124
>EGFR-V851/VLVKTPQHV	476	>EGFR-V851/VLVKTPQHA	5607	5131
>EGFR-V851/VLVKTPQHV	215	>EGFR-V851/VLVKTPQHA	1980	1765
>EGFR-V851/VLVKTPQHV	22	>EGFR-V851/VLVKTPQHA	159	137
>EGFR-V851/VLVKTPQHVK	269	>EGFR-V851/VLVKTPQHAK	102	167
>EGFR-V851/VLVKTPQHV	248	>EGFR-V851/VLVKTPQHA	3748	3500
>EGFR-V851/VLVKTPQHV	3	>EGFR-V851/VLVKTPQHA	61	58
>EGFR-V851/VLVKTPQHVK	25	>EGFR-V851/VLVKTPQHAK	22	3
>EGFR-V851/VLVKTPQHV	6	>EGFR-V851/VLVKTPQHA	302	296
>EGFR-V851/VLVKTPQHVK	241	>EGFR-V851/VLVKTPQHAK	162	79

>EGFR-V851I/VLVKTPQHV	7	>EGFR-V851I/VLVKTPQHA	80	73
>EGFR-V851I/VLVKTPQHVK	97	>EGFR-V851I/VLVKTPQHAV	150	53
>EGFR-V851I/VLVKTPQHV	30	>EGFR-V851I/VLVKTPQHA	5089	5059
>EGFR-V851I/VLVKTPQHV	3	>EGFR-V851I/VLVKTPQHA	41	38
>EGFR-V851I/VLVKTPQHVK	26	>EGFR-V851I/VLVKTPQHAV	23	3
>EGFR-V851I/VLVKTPQHVK	415	>EGFR-V851I/VLVKTPQHAV	296	119
>EGFR-V851I/NVLVKTQHV	424	>EGFR-V851I/NVLVKTQHV	9218	8794
>EGFR-V851I/NVLVKTQHV	178	>EGFR-V851I/NVLVKTQHV	7810	7632
>EGFR-V851I/NVLVKTQHV	179	>EGFR-V851I/NVLVKTQHV	7132	6953
>EGFR-V851I/NVLVKTQHV	269	>EGFR-V851I/NVLVKTQHV	14406	14137
>EGFR-V851I/NVLVKTQHV	225	>EGFR-V851I/NVLVKTQHV	180	45
>EGFR-V851I/NVLVKTQHV	318	>EGFR-V851I/NVLVKTQHV	217	101
>EGFR-V851I/NVLVKTQHV	29	>EGFR-V851I/NVLVKTQHV	781	752
>EGFR-V851I/VKITDFGL	279	>EGFR-V851I/VKITDFGL	100	179
>EGFR-V851I/VKITDFGLAK	252	>EGFR-V851I/VKITDFGLAK	108	144
>EGFR-V851I/VKITDFGLAKI	295	>EGFR-V851I/VKITDFGLAKL	115	180
>EGFR-V851I/HVKITDFGLA	520	>EGFR-V851I/HVKITDFGLA	462	58
>EGFR-V851I/HVKITDFGLA	276	>EGFR-V851I/HVKITDFGLA	508	232
>EGFR-V851I/HVKITDFG	229	>EGFR-V851I/HVKITDFG	754	525
>EGFR-V851I/HVKITDFGL	168	>EGFR-V851I/HVKITDFGL	628	460
>EGFR-V851I/HVKITDFGLA	33	>EGFR-V851I/HVKITDFGLA	105	72
>EGFR-V851I/HVKITDFGLA	4	>EGFR-V851I/HVKITDFGLAK	6	2
>EGFR-V851I/HVKITDFGLA	201	>EGFR-V851I/HVKITDFGLAK	438	237
>EGFR-V851I/HVKITDFGLA	130	>EGFR-V851I/HVKITDFGLAK	314	184
>EGFR-V851I/HVKITDFGL	328	>EGFR-V851I/HVKITDFGL	1526	1198
>EGFR-V851I/QHVKITDF	107	>EGFR-V851I/QHVKITDF	80	27
>EGFR-V851I/QHVKITDFGL	380	>EGFR-V851I/QHVKITDFGL	252	128
>EGFR-V851I/PQHVKITDF	82	>EGFR-V851I/PQHVKITDF	150	68
>EGFR-V851I/TPQHVKITDF	80	>EGFR-V851I/TPQHVKITDF	120	40
>EGFR-V851I/TPQHVKITDF	125	>EGFR-V851I/TPQHVKITDF	103	22
>EGFR-V851I/TPQHVKITDF	234	>EGFR-V851I/TPQHVKITDF	212	22
>EGFR-V851I/KTPQHVKITD	461	>EGFR-V851I/KTPQHVKITD	511	50
>EGFR-V851I/KTPQHVKI	23	>EGFR-V851I/KTPQHVKI	44	21
>EGFR-V851I/KTPQHVKITD	41	>EGFR-V851I/KTPQHVKITD	57	16
>EGFR-V851I/KTPQHVKI	299	>EGFR-V851I/KTPQHVKI	392	93
>EGFR-V851I/KTPQHVKITD	44	>EGFR-V851I/KTPQHVKITD	51	7
>EGFR-V851I/KTPQHVKI	33	>EGFR-V851I/KTPQHVKI	52	19
>EGFR-V851I/KTPQHVKIT	77	>EGFR-V851I/KTPQHVKIT	35	42
>EGFR-V851I/KTPQHVKITD	7	>EGFR-V851I/KTPQHVKITD	6	1
>EGFR-V851I/KTPQHVKI	51	>EGFR-V851I/KTPQHVKI	47	4
>EGFR-V851I/VKTPQHVKI	395	>EGFR-V851I/VKTPQHVKI	844	449
>EGFR-V851I/LVKTPQHV	262	>EGFR-V851I/LVKTPQHI	1898	1636
>EGFR-V851I/LVKTPQHV	42	>EGFR-V851I/LVKTPQHI	5435	5393

>EGFR-V851I LVKTPQHVK	322	>EGFR-V851I LVKTPQHIK	383	61
>EGFR-V851I LVKTPQHVK	207	>EGFR-V851I LVKTPQHIK	220	13
>EGFR-V851I LVKTPQHV	173	>EGFR-V851I LVKTPQHI	98	75
>EGFR-V851I LVKTPQHVK	15	>EGFR-V851I LVKTPQHIK	13	2
>EGFR-V851I LVKTPQHVKI	126	>EGFR-V851I LVKTPQHIKI	70	56
>EGFR-V851I LVKTPQHVK	399	>EGFR-V851I LVKTPQHIK	487	88
>EGFR-V851I LVKTPQHVK	357	>EGFR-V851I LVKTPQHIK	360	3
>EGFR-V851I VLVKTPQHV	476	>EGFR-V851I VLVKTPQHI	2744	2268
>EGFR-V851I VLVKTPQHV	215	>EGFR-V851I VLVKTPQHI	1001	786
>EGFR-V851I VLVKTPQHV	22	>EGFR-V851I VLVKTPQHI	123	101
>EGFR-V851I VLVKTPQHVK	269	>EGFR-V851I VLVKTPQHIK	307	38
>EGFR-V851I VLVKTPQHV	248	>EGFR-V851I VLVKTPQHI	2247	1999
>EGFR-V851I VLVKTPQHV	3	>EGFR-V851I VLVKTPQHI	17	14
>EGFR-V851I VLVKTPQHVK	25	>EGFR-V851I VLVKTPQHIK	22	3
>EGFR-V851I VLVKTPQHV	6	>EGFR-V851I VLVKTPQHI	41	35
>EGFR-V851I VLVKTPQHVK	241	>EGFR-V851I VLVKTPQHIK	242	1
>EGFR-V851I VLVKTPQHV	7	>EGFR-V851I VLVKTPQHI	37	30
>EGFR-V851I VLVKTPQHVK	97	>EGFR-V851I VLVKTPQHIK	93	4
>EGFR-V851I VLVKTPQHV	30	>EGFR-V851I VLVKTPQHI	1639	1609
>EGFR-V851I VLVKTPQHV	3	>EGFR-V851I VLVKTPQHI	38	35
>EGFR-V851I VLVKTPQHVK	26	>EGFR-V851I VLVKTPQHIK	30	4
>EGFR-V851I VLVKTPQHVK	415	>EGFR-V851I VLVKTPQHIK	380	35
>EGFR-V851I VLVKTPQHV	623	>EGFR-V851I VLVKTPQHI	496	127
>EGFR-V851I NVLVKTPQH	424	>EGFR-V851I NVLVKTPQHI	4267	3843
>EGFR-V851I NVLVKTPQH	178	>EGFR-V851I NVLVKTPQHI	4468	4290
>EGFR-V851I NVLVKTPQH	179	>EGFR-V851I NVLVKTPQHI	3535	3356
>EGFR-V851I NVLVKTPQH	269	>EGFR-V851I NVLVKTPQHI	12722	12453
>EGFR-V851I NVLVKTPQH	225	>EGFR-V851I NVLVKTPQHI	246	21
>EGFR-V851I NVLVKTPQH	318	>EGFR-V851I NVLVKTPQHI	308	10
>EGFR-V851I NVLVKTPQH	29	>EGFR-V851I NVLVKTPQHI	152	123
>EGFR-V897I VWSYGVTV	633	>EGFR-V897I IWSYGVTV	342	291
>EGFR-V897I VWSYGVTV	604	>EGFR-V897I IWSYGVTV	337	267
>EGFR-V897I VWSYGVTV	94	>EGFR-V897I IWSYGVTV	118	24
>EGFR-V897I VWSYGVTV	655	>EGFR-V897I IWSYGVTV	375	280
>EGFR-V897I VWSYGVTV	224	>EGFR-V897I IWSYGVTV	261	37
>EGFR-V897I VWSYGVTV	410	>EGFR-V897I IWSYGVTV	451	41
>EGFR-V897I VWSYGVTV	114	>EGFR-V897I IWSYGVTV	132	18
>EGFR-V897I DVWSYGVTV	50	>EGFR-V897I DIWSYGVTV	15	35
>EGFR-V897I DVWSYGVTV	124	>EGFR-V897I DIWSYGVTV	44	80
>EGFR-V897I DVWSYGVTV	362	>EGFR-V897I DIWSYGVTV	147	215
>EGFR-V897I DVWSYGVTV	107	>EGFR-V897I DIWSYGVTV	41	66
>EGFR-V897I DVWSYGVTV	82	>EGFR-V897I DIWSYGVTV	420	338
>EGFR-V897I DVWSYGVTV	8	>EGFR-V897I DIWSYGVTV	12	4

>EGFR-V897I LHRIYTHQSD	739	>EGFR-V897I LHRIYTHQSD	498	241
>EGFR-V897I SDVWSYGV	774	>EGFR-V897I SDIWSYGV	404	370
>EGFR-V897I SDVWSYGV	163	>EGFR-V897I SDIWSYGV	112	51
>EGFR-V897I SDVWSYGVTV	130	>EGFR-V897I SDIWSYGVTV	92	38
>EGFR-V897I QSDVWSYGV	247	>EGFR-V897I QSDIWSYGV	323	76
>EGFR-V897I QSDVWSYGV	433	>EGFR-V897I QSDIWSYGV	550	117
>EGFR-V897I QSDVWSYGV	747	>EGFR-V897I QSDIWSYGV	288	459
>EGFR-V897I QSDVWSYGV	224	>EGFR-V897I QSDIWSYGV	235	11
>EGFR-V897I QSDVWSYGV	16	>EGFR-V897I QSDIWSYGV	13	3
>EGFR-V897I QSDVWSYGV	89	>EGFR-V897I QSDIWSYGV	78	11
>EGFR-V897I HQSDVWSYCV	343	>EGFR-V897I HQSDIWSYCV	240	103
>EGFR-V897I HQSDVWSYCV	114	>EGFR-V897I HQSDIWSYCV	100	14
>EGFR-V897I HQSDVWSYCV	683	>EGFR-V897I HQSDIWSYCV	479	204
>EGFR-V897I HQSDVWSY	395	>EGFR-V897I HQSDIWSY	303	92
>EGFR-V897I HQSDVWSYCV	384	>EGFR-V897I HQSDIWSYCV	511	127
>EGFR-V897I HQSDVWSYCV	76	>EGFR-V897I HQSDIWSYCV	58	18
>EGFR-V897I HQSDVWSYCV	26	>EGFR-V897I HQSDIWSYCV	40	14
>EGFR-V897I HQSDVWSYCV	28	>EGFR-V897I HQSDIWSYCV	29	1
>EGFR-V897I HQSDVWSYCV	51	>EGFR-V897I HQSDIWSYCV	77	26
>EGFR-V897I HQSDVWSYCV	132	>EGFR-V897I HQSDIWSYCV	78	54
>EGFR-V897I HQSDVWSYCV	200	>EGFR-V897I HQSDIWSYCV	127	73
>EGFR-V897I HQSDVWSY	478	>EGFR-V897I HQSDIWSY	260	218
>EGFR-V897I HQSDVWSY	37	>EGFR-V897I HQSDIWSY	26	11
>EGFR-V897I HQSDVWSY	574	>EGFR-V897I HQSDIWSY	474	100
>EGFR-V897I HQSDVWSY	52	>EGFR-V897I HQSDIWSY	59	7
>EGFR-V897I HQSDVWSY	215	>EGFR-V897I HQSDIWSY	253	38
>EGFR-V897I HQSDVWSY	21	>EGFR-V897I HQSDIWSY	24	3
>EGFR-V897I HQSDVWSY	229	>EGFR-V897I HQSDIWSY	241	12
>EGFR-V897I HQSDVWSY	267	>EGFR-V897I HQSDIWSY	238	29
>EGFR-V897I HQSDVWSYCV	224	>EGFR-V897I HQSDIWSYCV	310	86
>EGFR-V897I HQSDVWSY	480	>EGFR-V897I HQSDIWSY	817	337
>EGFR-V897I THQSDVWSY	55	>EGFR-V897I THQSDIWSY	40	15
>EGFR-V897I THQSDVWSY	462	>EGFR-V897I THQSDIWSY	598	136
>EGFR-V897I THQSDVWSY	253	>EGFR-V897I THQSDIWSYCV	389	136
>EGFR-V897I YTHQSDVWS	342	>EGFR-V897I YTHQSDIWSY	302	40
>EGFR-V897I YTHQSDVWS	53	>EGFR-V897I YTHQSDIWSY	52	1
>EGFR-V897I YTHQSDVWS	8	>EGFR-V897I YTHQSDIWSY	7	1
>EGFR-V897I YTHQSDVWS	22	>EGFR-V897I YTHQSDIWSY	20	2
>EGFR-V897I YTHQSDVWS	123	>EGFR-V897I YTHQSDIWSY	138	15
>EGFR-V897I YTHQSDVWS	246	>EGFR-V897I YTHQSDIWSY	208	38
>EGFR-V897I YTHQSDVWS	67	>EGFR-V897I YTHQSDIWSY	59	8
>EGFR-V897I YTHQSDVWS	60	>EGFR-V897I YTHQSDIWSY	74	14
>EGFR-V897I YTHQSDVWS	243	>EGFR-V897I YTHQSDIWSY	249	6



>EGFR-V897I YTHQSDVWS	55	>EGFR-V897I YTHQSDIWSY	88	33
>EGFR-V897I YTHQSDVW	4	>EGFR-V897I YTHQSDIW	5	1
>EGFR-V897I YTHQSDVWS	4	>EGFR-V897I YTHQSDIWSY	4	0
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>EGFR-V897I YTHQSDVWS	357	>EGFR-V897I YTHQSDIWSY	386	29
>EGFR-V897I YTHQSDVW	22	>EGFR-V897I YTHQSDIW	24	2
>EGFR-V897I YTHQSDVWS	333	>EGFR-V897I YTHQSDIWSY	508	175
>EGFR-V897I YTHQSDVW	224	>EGFR-V897I YTHQSDIW	422	198
>EGFR-V897I YTHQSDVWS	53	>EGFR-V897I YTHQSDIWSY	38	15
>EGFR-V897I YTHQSDVW	340	>EGFR-V897I YTHQSDIW	535	195
>EGFR-V897I IYTHQSDV	2288	>EGFR-V897I IYTHQSDI	156	2132
>EGFR-V897I IYTHQSDV	3350	>EGFR-V897I IYTHQSDI	362	2988
>EGFR-V897I IYTHQSDVW	403	>EGFR-V897I IYTHQSDIW	523	120
>EGFR-V897I IYTHQSDV	2124	>EGFR-V897I IYTHQSDI	73	2051
>EGFR-V897I IYTHQSDVW	26	>EGFR-V897I IYTHQSDIW	63	37
>EGFR-V897I IYTHQSDVW!	271	>EGFR-V897I IYTHQSDIWS	306	35
>EGFR-V897I IYTHQSDVW!	72	>EGFR-V897I IYTHQSDIWS	68	4
>EGFR-V897I IYTHQSDVW!	26	>EGFR-V897I IYTHQSDIWS	24	2
>EGFR-V897I IYTHQSDVW!	53	>EGFR-V897I IYTHQSDIWS	54	1
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>EGFR-V897I IYTHQSDVW	155	>EGFR-V897I IYTHQSDIW	126	29
>EGFR-V897I IYTHQSDVW!	279	>EGFR-V897I IYTHQSDIWS	333	54
>EGFR-V897I RIYTHQSDV	11	>EGFR-V897I RIYTHQSDI	50	39
>EGFR-V897I RIYTHQSDV	83	>EGFR-V897I RIYTHQSDI	1549	1466
>EGFR-V897I RIYTHQSDV	441	>EGFR-V897I RIYTHQSDI	7032	6591
>EGFR-V897I RIYTHQSDV	25	>EGFR-V897I RIYTHQSDI	2204	2179
>EGFR-V897I RIYTHQSDV	1429	>EGFR-V897I RIYTHQSDI	97	1332
>EGFR-V897I RIYTHQSDVW	57	>EGFR-V897I RIYTHQSDIW	80	23
>EGFR-V897I RIYTHQSDV	384	>EGFR-V897I RIYTHQSDI	277	107
>EGFR-V897I RIYTHQSDVW	34	>EGFR-V897I RIYTHQSDIW	61	27
>EGFR-V897I RIYTHQSDVW	188	>EGFR-V897I RIYTHQSDIW	190	2
>EGFR-V897I RIYTHQSDVW	13	>EGFR-V897I RIYTHQSDIW	14	1
>EGFR-V897I RIYTHQSDVW	331	>EGFR-V897I RIYTHQSDIW	281	50
>EGFR-V897I RIYTHQSDV	13453	>EGFR-V897I RIYTHQSDI	455	12998
>EGFR-V897I HRIYTHQSDV	159	>EGFR-V897I HRIYTHQSDI	125	34
>EGFR-V897I HRIYTHQSDV	376	>EGFR-V897I HRIYTHQSDI\	459	83
>EGFR-V897I HRIYTHQSDV	64	>EGFR-V897I HRIYTHQSDI	27	37
>EGFR-V897I HRIYTHQSDV	32	>EGFR-V897I HRIYTHQSDI\	28	4
>EGFR-W731 WIPEGEKV	298	>EGFR-W731 LIPEGEKV	298	0
>EGFR-W731 WIPEGEKV	191	>EGFR-W731 LIPEGEKV	362	171
>EGFR-W731 WIPEGEKV	25	>EGFR-W731 LIPEGEKV	32	7
>EGFR-W731 WIPEGEKV	69	>EGFR-W731 LIPEGEKV	131	62
>EGFR-W731 WIPEGEKV	284	>EGFR-W731 LIPEGEKV	1039	755

>EGFR-W731 WIPEGEKV	10	>EGFR-W731 LIPEGEKV	8	2
>EGFR-W731 WIPEGEKVKI	453	>EGFR-W731 LIPEGEKVKI	405	48
>EGFR-W731 WIPEGEKV	381	>EGFR-W731 LIPEGEKV	1735	1354
>EGFR-W731 LWIPEGEKV	19285	>EGFR-W731 LLIPEGEKV	180	19105
>EGFR-W731 LWIPEGEKV	1600	>EGFR-W731 LLIPEGEKV	14	1586
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>EGFR-W731 LWIPEGEKV	16649	>EGFR-W731 LLIPEGEKV	14	16635
>EGFR-W731 LWIPEGEKVK	21272	>EGFR-W731 LLIPEGEKVKI	175	21097
>EGFR-W731 LWIPEGEKV	1563	>EGFR-W731 LLIPEGEKV	51	1512
>EGFR-W731 LWIPEGEKVK	9133	>EGFR-W731 LLIPEGEKVKI	410	8723
>EGFR-W731 LWIPEGEKV	8893	>EGFR-W731 LLIPEGEKV	5	8888
>EGFR-W731 LWIPEGEKVK	21167	>EGFR-W731 LLIPEGEKVKI	43	21124
>EGFR-W731 LWIPEGEKV	17361	>EGFR-W731 LLIPEGEKV	9	17352
>EGFR-W731 LWIPEGEKVK	22856	>EGFR-W731 LLIPEGEKVKI	97	22759
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>EGFR-W731 LWIPEGEKVK	23113	>EGFR-W731 LLIPEGEKVKI	311	22802
>EGFR-W731 LWIPEGEKV	24457	>EGFR-W731 LLIPEGEKV	60	24397
>EGFR-W731 LWIPEGEKV	6062	>EGFR-W731 LLIPEGEKV	3	6059
>EGFR-W731 LWIPEGEKVK	25963	>EGFR-W731 LLIPEGEKVKI	11	25952
>EGFR-W731 LWIPEGEKVK	158	>EGFR-W731 LLIPEGEKVKI	5246	5088
>EGFR-W731 LWIPEGEKVK	37	>EGFR-W731 LLIPEGEKVKI	9503	9466
>EGFR-W731 LWIPEGEKV	270	>EGFR-W731 LLIPEGEKV	27083	26813
>EGFR-W731 LWIPEGEKVK	270	>EGFR-W731 LLIPEGEKVKI	28028	27758
>EGFR-W731 GAFGTVYKGL	38	>EGFR-W731 GAFGTVYKGL	468	430
>EGFR-W731 GAFGTVYKGL	456	>EGFR-W731 GAFGTVYKGL	12062	11606
>EGFR-W731 GAFGTVYKGL	46	>EGFR-W731 GAFGTVYKGL	7380	7334
>EGFR-W731 GAFGTVYKGL	34	>EGFR-W731 GAFGTVYKGL	7603	7569
>EGFR-W731 GAFGTVYKGL	279	>EGFR-W731 GAFGTVYKGL	151	128
>EGFR-W731 GAFGTVYKGL	33	>EGFR-W731 GAFGTVYKGL	5675	5642
>EGFR-W731 GLWIPEGEKV	1248	>EGFR-W731 GLLIPEGEKV	480	768
>EGFR-W731 GLWIPEGEKV	251	>EGFR-W731 GLLIPEGEKV	209	42
>EGFR-W731 GLWIPEGEKV	329	>EGFR-W731 GLLIPEGEKV	260	69
>EGFR-W731 GLWIPEGEKV	790	>EGFR-W731 GLLIPEGEKV	332	458
>EGFR-W731 GLWIPEGEKV	3	>EGFR-W731 GLLIPEGEKV	4	1
>EGFR-W731 GLWIPEGEKV	28	>EGFR-W731 GLLIPEGEKV	31	3
>EGFR-W731 GLWIPEGEKV	6	>EGFR-W731 GLLIPEGEKV	8	2
>EGFR-W731 GLWIPEGEKV	87	>EGFR-W731 GLLIPEGEKV	136	49
>EGFR-W731 GLWIPEGEKV	7	>EGFR-W731 GLLIPEGEKV	9	2
>EGFR-W731 GLWIPEGEK	421	>EGFR-W731 GLLIPEGEK	664	243
>EGFR-W731 KGLWIPEGEK	229	>EGFR-W731 KGLLIPEGEK\	3530	3301
>EGFR-W731 KGLWIPEGEK	499	>EGFR-W731 KGLLIPEGEK\	3418	2919
>EGFR-W731 TVYKGLWI	153	>EGFR-W731 TVYKGLLI	190	37
>EGFR-W731 TVYKGLWI	168	>EGFR-W731 TVYKGLLI	233	65

>EGFR-W731TVYKGLWI	444	>EGFR-W731TVYKGLLI	1297	853
>EGFR-W731TVYKGLWI	463	>EGFR-W731TVYKGLLI	367	96
>EGFR-W731TVYKGLWI	191	>EGFR-W731TVYKGLLI	213	22
>EGFR-W731TVYKGLWI	265	>EGFR-W731TVYKGLLI	188	77
>EGFR-W731GTVYKGLW	14	>EGFR-W731GTVYKGLL	93	79
>EGFR-W731GTVYKGLWI	24	>EGFR-W731GTVYKGLLI	66	42
>EGFR-W731GTVYKGLW	199	>EGFR-W731GTVYKGLL	20841	20642
>EGFR-W731GTVYKGLW	230	>EGFR-W731GTVYKGLL	17571	17341
>EGFR-W731GTVYKGLWI	118	>EGFR-W731GTVYKGLLI	95	23
>EGFR-W731GTVYKGLWI	166	>EGFR-W731GTVYKGLLI	190	24
>EGFR-W731FGTVYKGLW	393	>EGFR-W731FGTVYKGLL	20022	19629
>EGFR-W731FGTVYKGLW	29	>EGFR-W731FGTVYKGLL	10701	10672
>EGFR-W731AFGTVYKGLV	591	>EGFR-W731AFGTVYKGLL	483	108
>EGFR-W731AFGTVYKGLV	249	>EGFR-W731AFGTVYKGLL	419	170
>EGFR-W731WIPEGEKV	298	>EGFR-W731RIPEGEKV	390	92
>EGFR-W731WIPEGEKV	191	>EGFR-W731RIPEGEKV	347	156
>EGFR-W731WIPEGEKV	25	>EGFR-W731RIPEGEKV	33	8
>EGFR-W731WIPEGEKV	69	>EGFR-W731RIPEGEKV	122	53
>EGFR-W731WIPEGEKV	284	>EGFR-W731RIPEGEKV	2403	2119
>EGFR-W731WIPEGEKV	10	>EGFR-W731RIPEGEKV	24	14
>EGFR-W731WIPEGEKVKI	453	>EGFR-W731RIPEGEKVKI	2375	1922
>EGFR-W731WIPEGEKVKI	17337	>EGFR-W731RIPEGEKVKI	325	17012
>EGFR-W731WIPEGEKV	381	>EGFR-W731RIPEGEKV	5773	5392
>EGFR-W731LWIPEGEKVK	158	>EGFR-W731LRIPEGEKVKI	14007	13849
>EGFR-W731LWIPEGEKVK	37	>EGFR-W731LRIPEGEKVKI	18483	18446
>EGFR-W731LWIPEGEKV	270	>EGFR-W731LRIPEGEKV	33756	33486
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>EGFR-W731GAFGTVYKGL	23546	>EGFR-W731GAFGTVYKGL	451	23095
>EGFR-W731GAFGTVYKGL	16896	>EGFR-W731GAFGTVYKGL	35	16861
>EGFR-W731GAFGTVYKGL	18070	>EGFR-W731GAFGTVYKGL	28	18042
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>EGFR-W731GAFGTVYKGL	456	>EGFR-W731GAFGTVYKGL	33923	33467
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>EGFR-W731GAFGTVYKGL	34	>EGFR-W731GAFGTVYKGL	22362	22328
>EGFR-W731GAFGTVYKGL	279	>EGFR-W731GAFGTVYKGL	4696	4417
>EGFR-W731GAFGTVYKGL	33	>EGFR-W731GAFGTVYKGL	18168	18135
>EGFR-W731GAFGTVYKGL	11217	>EGFR-W731GAFGTVYKGL	478	10739
>EGFR-W731GLWIPEGEKV	251	>EGFR-W731GLRIPEGEKV	999	748
>EGFR-W731GLWIPEGEKV	329	>EGFR-W731GLRIPEGEKV	989	660
>EGFR-W731GLWIPEGEKV	3	>EGFR-W731GLRIPEGEKV	76	73
>EGFR-W731GLWIPEGEKV	28	>EGFR-W731GLRIPEGEKV	1268	1240
>EGFR-W731GLWIPEGEKV	6	>EGFR-W731GLRIPEGEKV	210	204
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>EGFR-W731 GLWIPEGEKV	7	>EGFR-W731 GLRIPEGEKV	14	7
>EGFR-W731 GLWIPEGEK	421	>EGFR-W731 GLRIPEGEK	455	34
>EGFR-W731 GLWIPEGEK	14610	>EGFR-W731 GLRIPEGEK	465	14145
>EGFR-W731 GLWIPEGEKV	14886	>EGFR-W731 GLRIPEGEKVI	499	14387
>EGFR-W731 KGLWIPEGEK	229	>EGFR-W731 KGLRIPEGEK\	1545	1316
>EGFR-W731 KGLWIPEGEK	499	>EGFR-W731 KGLRIPEGEK\	2700	2201
>EGFR-W731 TVYKGLWI	153	>EGFR-W731 TVYKGLRI	391	238
>EGFR-W731 TVYKGLWI	168	>EGFR-W731 TVYKGLRI	850	682
>EGFR-W731 TVYKGLWI	444	>EGFR-W731 TVYKGLRI	1207	763
>EGFR-W731 TVYKGLWI	463	>EGFR-W731 TVYKGLRI	679	216
>EGFR-W731 TVYKGLWI	191	>EGFR-W731 TVYKGLRI	412	221
>EGFR-W731 TVYKGLWI	265	>EGFR-W731 TVYKGLRI	326	61
>EGFR-W731 GTVYKGLW	19469	>EGFR-W731 GTVYKGLR	84	19385
>EGFR-W731 GTVYKGLW	26362	>EGFR-W731 GTVYKGLR	81	26281
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>EGFR-W731 GTVYKGLWI	24	>EGFR-W731 GTVYKGLRI	17	7
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>EGFR-W731 GTVYKGLW	230	>EGFR-W731 GTVYKGLR	22344	22114
>EGFR-W731 GTVYKGLWI	118	>EGFR-W731 GTVYKGLRI	199	81
>EGFR-W731 GTVYKGLW	11612	>EGFR-W731 GTVYKGLR	432	11180
>EGFR-W731 GTVYKGLWI	166	>EGFR-W731 GTVYKGLRI	347	181
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>EGFR-W731 FGTVYKGLW	393	>EGFR-W731 FGTVYKGLR	22565	22172
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>EGFR-W731 AFGTVYKGLV	249	>EGFR-W731 AFGTVYKGLR	516	267
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>EGFR-W731 AFGTVYKGLV	28975	>EGFR-W731 AFGTVYKGLR	444	28531
>EGFR-W731 AFGTVYKGLV	31971	>EGFR-W731 AFGTVYKGLR	397	31574
>EGFR-Y727(VLGSGAFGTV	5237	>EGFR-Y727(VLGSGAFGTV	175	5062
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>EGFR-Y727(VLGSGAFGTV	64	>EGFR-Y727(VLGSGAFGTV	21378	21314
>EGFR-Y727(VLGSGAFGTV	54	>EGFR-Y727(VLGSGAFGTV	20213	20159
>EGFR-Y727(VLGSGAFGTV	26	>EGFR-Y727(VLGSGAFGTV	24643	24617
>EGFR-Y727(VLGSGAFGTV	73	>EGFR-Y727(VLGSGAFGTV	12311	12238
>EGFR-Y727(VLGSGAFGTV	87	>EGFR-Y727(VLGSGAFGTV	16931	16844
>EGFR-Y727(VLGSGAFGTV	421	>EGFR-Y727(VLGSGAFGTV	13848	13427
>EGFR-Y727(VLGSGAFGTV	227	>EGFR-Y727(VLGSGAFGTV	18847	18620
>EGFR-Y727(TVYKGLWI	153	>EGFR-Y727(TVCKGLWI	2808	2655
>EGFR-Y727(TVYKGLWI	168	>EGFR-Y727(TVCKGLWI	943	775
>EGFR-Y727(TVYKGLWI	444	>EGFR-Y727(TVCKGLWI	4674	4230
>EGFR-Y727(TVYKGLWI	463	>EGFR-Y727(TVCKGLWI	2619	2156
>EGFR-Y727(TVYKGLWI	191	>EGFR-Y727(TVCKGLWI	4320	4129
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>EGFR-Y727(GTVYKGLW	14	>EGFR-Y727(GTVCKGLW	14	0
>EGFR-Y727(GTVYKGLWI	24	>EGFR-Y727(GTVCKGLWI	31	7
>EGFR-Y727(GTVYKGLW	199	>EGFR-Y727(GTVCKGLW	390	191
>EGFR-Y727(GTVYKGLW	230	>EGFR-Y727(GTVCKGLW	496	266
>EGFR-Y727(GTVYKGLWI	118	>EGFR-Y727(GTVCKGLWI	147	29
>EGFR-Y727(GTVYKGLWI	166	>EGFR-Y727(GTVCKGLWI	225	59
>EGFR-Y727(FGTVYKGL	354	>EGFR-Y727(FGTVCKGL	15435	15081
>EGFR-Y727(FGTVYKGLW	1595	>EGFR-Y727(FGTVCKGLW	441	1154
>EGFR-Y727(FGTVYKGLW	393	>EGFR-Y727(FGTVCKGLW	607	214
>EGFR-Y727(FGTVYKGLW	29	>EGFR-Y727(FGTVCKGLW	61	32
>EGFR-Y727(AFGTVYKGL	152	>EGFR-Y727(AFGTVCKGL	1663	1511
>EGFR-Y727(AFGTVYKGLV	249	>EGFR-Y727(AFGTVCKGLV	817	568
>EGFR-Y727(GAFGTVYKGI	372	>EGFR-Y727(GAFGTVCKGI	823	451
>EGFR-Y727(GAFGTVYK	122	>EGFR-Y727(GAFGTVCK	605	483
>EGFR-Y727(GAFGTVYK	9	>EGFR-Y727(GAFGTVCK	26	17
>EGFR-Y727(GAFGTVYK	98	>EGFR-Y727(GAFGTVCK	771	673
>EGFR-Y727(GAFGTVYK	222	>EGFR-Y727(GAFGTVCK	2187	1965
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>EGFR-Y727(GAFGTVYKGI	158	>EGFR-Y727(GAFGTVCKGI	137	21
>EGFR-Y727(GAFGTVYKGI	38	>EGFR-Y727(GAFGTVCKGI	55	17
>EGFR-Y727(GAFGTVYKGI	456	>EGFR-Y727(GAFGTVCKGI	382	74
>EGFR-Y727(GAFGTVYKGI	46	>EGFR-Y727(GAFGTVCKGI	46	0
>EGFR-Y727(GAFGTVYKGI	34	>EGFR-Y727(GAFGTVCKGI	42	8
>EGFR-Y727(GAFGTVYKGI	279	>EGFR-Y727(GAFGTVCKGI	284	5
>EGFR-Y727(GAFGTVYKGI	33	>EGFR-Y727(GAFGTVCKGI	39	6
>EGFR-Y727(GAFGTVYK	150	>EGFR-Y727(GAFGTVCK	306	156
>EGFR-Y727(SGAFGTVYK	49	>EGFR-Y727(SGAFGTVCK	225	176
>EGFR-Y727(SGAFGTVY	87	>EGFR-Y727(SGAFGTVC	26719	26632
>EGFR-Y727(SGAFGTVYK	178	>EGFR-Y727(SGAFGTVCK	498	320
>EGFR-Y727(SGAFGTVY	188	>EGFR-Y727(SGAFGTVC	18204	18016
>EGFR-Y727(SGAFGTVY	460	>EGFR-Y727(SGAFGTVC	29449	28989
>EGFR-Y727(SGAFGTVYK	342	>EGFR-Y727(SGAFGTVCK	538	196
>EGFR-Y727(GSGAFGTVYK	46	>EGFR-Y727(GSGAFGTVC	157	111
>EGFR-Y727(GSGAFGTVYK	29	>EGFR-Y727(GSGAFGTVC	142	113
>EGFR-Y727(GSGAFGTVY	432	>EGFR-Y727(GSGAFGTVC	31637	31205
>EGFR-Y727(GSGAFGTVYK	224	>EGFR-Y727(GSGAFGTVC	2854	2630
>EGFR-Y727(GSGAFGTVY	78	>EGFR-Y727(GSGAFGTVC	14465	14387
>EGFR-Y727(GSGAFGTVY	349	>EGFR-Y727(GSGAFGTVC	13320	12971
>EGFR-Y727(GSGAFGTVY	62	>EGFR-Y727(GSGAFGTVC	22757	22695
>EGFR-Y727(GSGAFGTVY	11	>EGFR-Y727(GSGAFGTVC	3548	3537
>EGFR-Y727(GSGAFGTVYK	337	>EGFR-Y727(GSGAFGTVC	534	197
>EGFR-Y727(LGSGAFGTVY	125	>EGFR-Y727(LGSGAFGTVC	27815	27690
>EGFR-Y727(LGSGAFGTVY	478	>EGFR-Y727(LGSGAFGTVC	33225	32747

>EGFR-Y727(LGSGAFGTVY	93	>EGFR-Y727(LGSGAFGTVC	15405	15312
>EGFR-Y727(LGSGAFGTVY	94	>EGFR-Y727(LGSGAFGTVC	19696	19602
>EGFR-Y727(VLGSGAFGTV	64	>EGFR-Y727(VLGSGAFGTV	7373	7309
>EGFR-Y727(VLGSGAFGTV	54	>EGFR-Y727(VLGSGAFGTV	7120	7066
>EGFR-Y727(VLGSGAFGTV	26	>EGFR-Y727(VLGSGAFGTV	8748	8722
>EGFR-Y727(VLGSGAFGTV	73	>EGFR-Y727(VLGSGAFGTV	3205	3132
>EGFR-Y727(VLGSGAFGTV	87	>EGFR-Y727(VLGSGAFGTV	3823	3736
>EGFR-Y727(VLGSGAFGTV	421	>EGFR-Y727(VLGSGAFGTV	8851	8430
>EGFR-Y727(VLGSGAFGTV	227	>EGFR-Y727(VLGSGAFGTV	4225	3998
>EGFR-Y727(TVYKGLWI	153	>EGFR-Y727(TVHKGLWI	1013	860
>EGFR-Y727(TVYKGLWI	168	>EGFR-Y727(TVHKGLWI	1302	1134
>EGFR-Y727(TVYKGLWI	444	>EGFR-Y727(TVHKGLWI	3427	2983
>EGFR-Y727(TVYKGLWI	463	>EGFR-Y727(TVHKGLWI	879	416
>EGFR-Y727(TVYKGLWI	191	>EGFR-Y727(TVHKGLWI	3310	3119
>EGFR-Y727(TVYKGLWI	265	>EGFR-Y727(TVHKGLWI	1309	1044
>EGFR-Y727(GTVYKGLW	14	>EGFR-Y727(GTVHKGLW	10	4
>EGFR-Y727(GTVYKGLWI	24	>EGFR-Y727(GTVHKGLWI	20	4
>EGFR-Y727(GTVYKGLW	199	>EGFR-Y727(GTVHKGLW	214	15
>EGFR-Y727(GTVYKGLW	230	>EGFR-Y727(GTVHKGLW	153	77
>EGFR-Y727(GTVYKGLWI	118	>EGFR-Y727(GTVHKGLWI	200	82
>EGFR-Y727(GTVYKGLWI	166	>EGFR-Y727(GTVHKGLWI	207	41
>EGFR-Y727(FGTVYKGL	354	>EGFR-Y727(FGTVHKGL	6246	5892
>EGFR-Y727(FGTVYKGLW	393	>EGFR-Y727(FGTVHKGLW	716	323
>EGFR-Y727(FGTVYKGLW	29	>EGFR-Y727(FGTVHKGLW	91	62
>EGFR-Y727(AFGTVYKGL	152	>EGFR-Y727(AFGTVHKGL	1438	1286
>EGFR-Y727(AFGTVYKGLV	249	>EGFR-Y727(AFGTVHKGLV	698	449
>EGFR-Y727(GAFGTVYKGL	372	>EGFR-Y727(GAFGTVHKGL	391	19
>EGFR-Y727(GAFGTVYK	122	>EGFR-Y727(GAFGTVHK	233	111
>EGFR-Y727(GAFGTVYK	9	>EGFR-Y727(GAFGTVHK	26	17
>EGFR-Y727(GAFGTVYK	98	>EGFR-Y727(GAFGTVHK	195	97
>EGFR-Y727(GAFGTVYK	222	>EGFR-Y727(GAFGTVHK	940	718
>EGFR-Y727(GAFGTVYK	23	>EGFR-Y727(GAFGTVHK	77	54
>EGFR-Y727(GAFGTVYKGL	158	>EGFR-Y727(GAFGTVHKGL	87	71
>EGFR-Y727(GAFGTVYKGL	38	>EGFR-Y727(GAFGTVHKGL	37	1
>EGFR-Y727(GAFGTVYKGL	456	>EGFR-Y727(GAFGTVHKGL	628	172
>EGFR-Y727(GAFGTVYKGL	46	>EGFR-Y727(GAFGTVHKGL	55	9
>EGFR-Y727(GAFGTVYKGL	34	>EGFR-Y727(GAFGTVHKGL	42	8
>EGFR-Y727(GAFGTVYKGL	279	>EGFR-Y727(GAFGTVHKGL	485	206
>EGFR-Y727(GAFGTVYKGL	603	>EGFR-Y727(GAFGTVHKGL	479	124
>EGFR-Y727(GAFGTVYKGL	33	>EGFR-Y727(GAFGTVHKGL	60	27
>EGFR-Y727(GAFGTVYK	150	>EGFR-Y727(GAFGTVHK	158	8
>EGFR-Y727(SGAFGTVYK	49	>EGFR-Y727(SGAFGTVHK	534	485
>EGFR-Y727(SGAFGTVY	87	>EGFR-Y727(SGAFGTVH	12415	12328

>EGFR-Y727F SGAFGTVYK	178	>EGFR-Y727F SGAFGTVHK	878	700
>EGFR-Y727F SGAFGTVY	188	>EGFR-Y727F SGAFGTVH	10967	10779
>EGFR-Y727F SGAFGTVY	460	>EGFR-Y727F SGAFGTVH	13591	13131
>EGFR-Y727F SGAFGTVYK	342	>EGFR-Y727F SGAFGTVHK	357	15
>EGFR-Y727F GSGAFGTVYK	46	>EGFR-Y727F GSGAFGTVHI	110	64
>EGFR-Y727F GSGAFGTVYK	29	>EGFR-Y727F GSGAFGTVHI	67	38
>EGFR-Y727F GSGAFGTVY	432	>EGFR-Y727F GSGAFGTVH	18648	18216
>EGFR-Y727F GSGAFGTVYK	224	>EGFR-Y727F GSGAFGTVHI	1679	1455
>EGFR-Y727F GSGAFGTVY	78	>EGFR-Y727F GSGAFGTVH	5259	5181
>EGFR-Y727F GSGAFGTVY	349	>EGFR-Y727F GSGAFGTVH	10551	10202
>EGFR-Y727F GSGAFGTVY	62	>EGFR-Y727F GSGAFGTVH	15110	15048
>EGFR-Y727F GSGAFGTVY	11	>EGFR-Y727F GSGAFGTVH	172	161
>EGFR-Y727F GSGAFGTVYK	337	>EGFR-Y727F GSGAFGTVHI	369	32
>EGFR-Y727F LGSGAFGTVY	125	>EGFR-Y727F LGSGAFGTVF	19135	19010
>EGFR-Y727F LGSGAFGTVY	478	>EGFR-Y727F LGSGAFGTVF	27550	27072
>EGFR-Y727F LGSGAFGTVY	93	>EGFR-Y727F LGSGAFGTVF	5405	5312
>EGFR-Y727F LGSGAFGTVY	94	>EGFR-Y727F LGSGAFGTVF	13830	13736
>EGFR-Y801F YVREHKDNI	1535	>EGFR-Y801F HVREHKDNI	68	1467
>EGFR-Y801F YVREHKDNI	3764	>EGFR-Y801F HVREHKDNI	273	3491
>EGFR-Y801F YVREHKDNI	2689	>EGFR-Y801F HVREHKDNI	188	2501
>EGFR-Y801F QLMPFGCLLI	15	>EGFR-Y801F QLMPFGCLLI	1995	1980
>EGFR-Y801F QLMPFGCLLI	328	>EGFR-Y801F QLMPFGCLLI	16452	16124
>EGFR-Y801F QLMPFGCLLI	23	>EGFR-Y801F QLMPFGCLLI	6924	6901
>EGFR-Y801F QLMPFGCLLI	111	>EGFR-Y801F QLMPFGCLLI	7133	7022
>EGFR-Y801F QLMPFGCLLI	92	>EGFR-Y801F QLMPFGCLLI	3181	3089
>EGFR-Y801F QLMPFGCLLI	124	>EGFR-Y801F QLMPFGCLLI	3478	3354
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>EGFR-Y801F LDYVREHKDI	286	>EGFR-Y801F LDHVREHKDI	949	663
>EGFR-Y801F LDYVREHKDI	387	>EGFR-Y801F LDHVREHKDI	958	571
>EGFR-Y801F LDYVREHKDI	62	>EGFR-Y801F LDHVREHKDI	135	73
>EGFR-Y801F CLLDYVREHK	74	>EGFR-Y801F CLLDHVREHK	74	0
>EGFR-Y801F CLLDYVREHK	144	>EGFR-Y801F CLLDHVREHK	176	32
>EGFR-Y801F GCLLDYVR	361	>EGFR-Y801F GCLLDHVR	735	374
>EGFR-Y801F FGCLLDYV	218	>EGFR-Y801F FGCLLDHV	929	711
>EGFR-Y801F FGCLLDYV	151	>EGFR-Y801F FGCLLDHV	411	260
>EGFR-Y801F FGCLLDYVR	78	>EGFR-Y801F FGCLLDHVR	201	123
>EGFR-Y801F PFGCLLDY	31	>EGFR-Y801F PFGCLLDH	4782	4751
>EGFR-Y801F PFGCLLDY	341	>EGFR-Y801F PFGCLLDH	18507	18166
>EGFR-Y801F PFGCLLDYVR	35	>EGFR-Y801F PFGCLLDHVR	57	22
>EGFR-Y801F MPFGCLLDY	79	>EGFR-Y801F MPFGCLLDH	962	883
>EGFR-Y801F MPFGCLLDY\	8	>EGFR-Y801F MPFGCLLDH\	30	22
>EGFR-Y801F MPFGCLLDY\	203	>EGFR-Y801F MPFGCLLDH\	1495	1292
>EGFR-Y801F MPFGCLLDY\	131	>EGFR-Y801F MPFGCLLDH\	425	294

>EGFR-Y801F MPFGCLLDY\	399	>EGFR-Y801F MPFGCLLDH\	2497	2098
>EGFR-Y801F MPFGCLLDY	17	>EGFR-Y801F MPFGCLLDH	2635	2618
>EGFR-Y801F MPFGCLLDY\	498	>EGFR-Y801F MPFGCLLDH\	934	436
>EGFR-Y801F MPFGCLLDY\	425	>EGFR-Y801F MPFGCLLDH\	707	282
>EGFR-Y801F MPFGCLLDY\	63	>EGFR-Y801F MPFGCLLDH\	66	3
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>EGFR-Y801F MPFGCLLDY	359	>EGFR-Y801F MPFGCLLDH	20254	19895
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>EGFR-Y801F MPFGCLLDY	297	>EGFR-Y801F MPFGCLLDH	9707	9410
>EGFR-Y801F MPFGCLLDY	8	>EGFR-Y801F MPFGCLLDH	57	49
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>EGFR-Y801F MPFGCLLDY	13	>EGFR-Y801F MPFGCLLDH	1783	1770
>EGFR-Y801F MPFGCLLDY	254	>EGFR-Y801F MPFGCLLDH	689	435
>EGFR-Y801F MPFGCLLDY\	25	>EGFR-Y801F MPFGCLLDH\	20	5
>EGFR-Y801F MPFGCLLDY\	43	>EGFR-Y801F MPFGCLLDH\	54	11
>EGFR-Y801F MPFGCLLDY	95	>EGFR-Y801F MPFGCLLDH	7145	7050
>EGFR-Y801F MPFGCLLDY	101	>EGFR-Y801F MPFGCLLDH	6933	6832
>EGFR-Y801F MPFGCLLDY	494	>EGFR-Y801F MPFGCLLDH	23803	23309
>EGFR-Y801F MPFGCLLDY\	32	>EGFR-Y801F MPFGCLLDH\	43	11
>EGFR-Y801F LMPFGCLLDY	24	>EGFR-Y801F LMPFGCLLDH	84	60
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>EGFR-Y801F LMPFGCLLDY	8	>EGFR-Y801F LMPFGCLLDH	11	3
>EGFR-Y801F LMPFGCLLDY	12	>EGFR-Y801F LMPFGCLLDH	16	4
>EGFR-Y801F LMPFGCLLDY	3	>EGFR-Y801F LMPFGCLLDH	8	5
>EGFR-Y801F LMPFGCLLDY	14	>EGFR-Y801F LMPFGCLLDH	26	12
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>EGFR-Y801F LMPFGCLLDY	6	>EGFR-Y801F LMPFGCLLDH	29	23
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>EGFR-Y801F LMPFGCLLDY	254	>EGFR-Y801F LMPFGCLLDH	3684	3430
>EGFR-Y801F LMPFGCLLDY	326	>EGFR-Y801F LMPFGCLLDH	22749	22423
>EGFR-Y801F LMPFGCLLDY	259	>EGFR-Y801F LMPFGCLLDH	24556	24297
>EGFR-Y801F LMPFGCLLDY	97	>EGFR-Y801F LMPFGCLLDH	16509	16412
>EGFR-Y801F LMPFGCLLDY	117	>EGFR-Y801F LMPFGCLLDH	7595	7478
>EGFR-Y801F LMPFGCLLDY	344	>EGFR-Y801F LMPFGCLLDH	20278	19934
>EGFR-Y813C YLLNWCVQI	7	>EGFR-Y813C CLLNWCVQI	29	22
>EGFR-Y813C YLLNWCVQI/	19	>EGFR-Y813C CLLNWCVQI/	320	301
>EGFR-Y813C YLLNWCVQI	32	>EGFR-Y813C CLLNWCVQI	578	546
>EGFR-Y813C YLLNWCVQI/	51	>EGFR-Y813C CLLNWCVQI/	443	392
>EGFR-Y813C YLLNWCVQI	21	>EGFR-Y813C CLLNWCVQI	618	597
>EGFR-Y813C YLLNWCVQI/	23	>EGFR-Y813C CLLNWCVQI/	233	210
>EGFR-Y813C YLLNWCVQI	12	>EGFR-Y813C CLLNWCVQI	304	292
>EGFR-Y813C YLLNWCVQI/	57	>EGFR-Y813C CLLNWCVQI/	636	579
>EGFR-Y813C YLLNWCVQ	16	>EGFR-Y813C CLLNWCVQ	1205	1189



>EGFR-Y813(YLLNWCVQI	1	>EGFR-Y813(CLLNWCVQI	6	5
>EGFR-Y813(YLLNWCVQI/	3	>EGFR-Y813(CLLNWCVQI/	66	63
>EGFR-Y813(YLLNWCVQI/	30	>EGFR-Y813(CLLNWCVQI/	2737	2707
>EGFR-Y813(YLLNWCVQ	200	>EGFR-Y813(CLLNWCVQ	7087	6887
>EGFR-Y813(YLLNWCVQI	4	>EGFR-Y813(CLLNWCVQI	34	30
>EGFR-Y813(YLLNWCVQI/	6	>EGFR-Y813(CLLNWCVQI/	135	129
>EGFR-Y813(YLLNWCVQ	24	>EGFR-Y813(CLLNWCVQ	3400	3376
>EGFR-Y813(YLLNWCVQI	4	>EGFR-Y813(CLLNWCVQI	24	20
>EGFR-Y813(YLLNWCVQI/	6	>EGFR-Y813(CLLNWCVQI/	126	120
>EGFR-Y813(YLLNWCVQ	448	>EGFR-Y813(CLLNWCVQ	4910	4462
>EGFR-Y813(YLLNWCVQI	2	>EGFR-Y813(CLLNWCVQI	7	5
>EGFR-Y813(YLLNWCVQI/	5	>EGFR-Y813(CLLNWCVQI/	61	56
>EGFR-Y813(YLLNWCVQ	6	>EGFR-Y813(CLLNWCVQ	343	337
>EGFR-Y813(YLLNWCVQI	2	>EGFR-Y813(CLLNWCVQI	8	6
>EGFR-Y813(YLLNWCVQI/	2	>EGFR-Y813(CLLNWCVQI/	25	23
>EGFR-Y813(YLLNWCVQI/	52	>EGFR-Y813(CLLNWCVQI/	5468	5416
>EGFR-Y813(YLLNWCVQI/	79	>EGFR-Y813(CLLNWCVQI/	75	4
>EGFR-Y813(YLLNWCVQI/	83	>EGFR-Y813(CLLNWCVQI/	87	4
>EGFR-Y813(YLLNWCVQI	46	>EGFR-Y813(CLLNWCVQI	137	91
>EGFR-Y813(YLLNWCVQI	65	>EGFR-Y813(CLLNWCVQI	354	289
>EGFR-Y813(YLLNWCVQI/	417	>EGFR-Y813(CLLNWCVQI/	1440	1023
>EGFR-Y813(YLLNWCVQI	22	>EGFR-Y813(CLLNWCVQI	740	718
>EGFR-Y813(YLLNWCVQI	288	>EGFR-Y813(CLLNWCVQI	1771	1483
>EGFR-Y813(YLLNWCVQI	1433	>EGFR-Y813(CLLNWCVQI	280	1153
>EGFR-Y813(QYLLNWCVQ	106	>EGFR-Y813(QCLLNWCVQ	26219	26113
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>EGFR-Y813(QYLLNWCVQ	11	>EGFR-Y813(QCLLNWCVQ	14179	14168
>EGFR-Y813(QYLLNWCVQ	302	>EGFR-Y813(QCLLNWCVQ	7335	7033
>EGFR-Y813(REHKDNIGSC	364	>EGFR-Y813(REHKDNIGSC	19840	19476
>EGFR-Y813(REHKDNIGSC	104	>EGFR-Y813(REHKDNIGSC	11473	11369
>EGFR-Y813(REHKDNIGSC	360	>EGFR-Y813(REHKDNIGSC	9983	9623
>EGFR-Y813(REHKDNIGSC	362	>EGFR-Y813(REHKDNIGSC	17306	16944
>EGFR-Y813(REHKDNIGSC	1211	>EGFR-Y813(REHKDNIGSC	250	961
>EGFR-Y813(SQYLLNWCV/	52	>EGFR-Y813(SQCLLNWCV/	521	469
>EGFR-Y813(SQYLLNWCV	19	>EGFR-Y813(SQCLLNWCV	181	162
>EGFR-Y813(SQYLLNWCV/	221	>EGFR-Y813(SQCLLNWCV/	2051	1830
>EGFR-Y813(SQYLLNWCV	85	>EGFR-Y813(SQCLLNWCV	610	525
>EGFR-Y813(SQYLLNWC	418	>EGFR-Y813(SQCLLNWC	2207	1789
>EGFR-Y813(SQYLLNWCV	6	>EGFR-Y813(SQCLLNWCV	17	11
>EGFR-Y813(SQYLLNWCV/	51	>EGFR-Y813(SQCLLNWCV/	221	170
>EGFR-Y813(SQYLLNWCV	30	>EGFR-Y813(SQCLLNWCV	412	382
>EGFR-Y813(SQYLLNWCV/	264	>EGFR-Y813(SQCLLNWCV/	2638	2374
>EGFR-Y813(SQYLLNWCV	21	>EGFR-Y813(SQCLLNWCV	663	642

>EGFR-Y813(SQYLLNWCV	10	>EGFR-Y813(SQCLLNWCV	148	138
>EGFR-Y813(SQYLLNWCV	254	>EGFR-Y813(SQCLLNWCV	6336	6082
>EGFR-Y813(SQYLLNWCV	375	>EGFR-Y813(SQCLLNWCV	4209	3834
>EGFR-Y813(SQYLLNWCV	165	>EGFR-Y813(SQCLLNWCV	1068	903
>EGFR-Y813(SQYLLNWCV	458	>EGFR-Y813(SQCLLNWCV	4248	3790
>EGFR-Y813(SQYLLNWCV	161	>EGFR-Y813(SQCLLNWCV	1975	1814
>EGFR-Y813(SQYLLNWCV	297	>EGFR-Y813(SQCLLNWCV	798	501
>EGFR-Y813(SQYLLNWCV	185	>EGFR-Y813(SQCLLNWCV	1911	1726
>EGFR-Y813(GSQYLLNW	29	>EGFR-Y813(GSQCLLNW	33	4
>EGFR-Y813(GSQYLLNW	328	>EGFR-Y813(GSQCLLNW	710	382
>EGFR-Y813(GSQYLLNW	47	>EGFR-Y813(GSQCLLNW	72	25
>EGFR-Y813(IGSQYLLNW	58	>EGFR-Y813(IGSQCLLNW	135	77
>EGFR-Y813(IGSQYLLNW	596	>EGFR-Y813(IGSQCLLNW	194	402
>EGFR-Y813(IGSQYLLNW	523	>EGFR-Y813(IGSQCLLNW	293	230
>EGFR-Y813(IGSQYLLNW	35	>EGFR-Y813(IGSQCLLNW	43	8
>EGFR-Y813(NIGSQYLL	248	>EGFR-Y813(NIGSQCLL	1193	945
>EGFR-Y813(KDNIGSQYLL	329	>EGFR-Y813(KDNIGSQCLL	522	193
>EGFR-Y813(HKDNIGSQY	198	>EGFR-Y813(HKDNIGSQC	10778	10580
>EGFR-Y813(HKDNIGSQYL	372	>EGFR-Y813(HKDNIGSQCL	74	298
>EGFR-Y813(HKDNIGSQYL	71	>EGFR-Y813(HKDNIGSQCL	195	124
>EGFR-Y813(HKDNIGSQY	125	>EGFR-Y813(HKDNIGSQC	17026	16901
>EGFR-Y869(YHAEGGKVPI	486	>EGFR-Y869(CHAEGGKVPI	3128	2642
>EGFR-Y869(YHAEGGKVPI	306	>EGFR-Y869(CHAEGGKVPI	1347	1041
>EGFR-Y869(YHAEGGKVPI	22	>EGFR-Y869(CHAEGGKVPI	269	247
>EGFR-Y869(EYHAEGGKVI	173	>EGFR-Y869(ECHAEGGKVI	25292	25119
>EGFR-Y869(EYHAEGGKVI	270	>EGFR-Y869(ECHAEGGKVI	23732	23462
>EGFR-Y869(AKLLGAEKE	23	>EGFR-Y869(AKLLGAEKE	4917	4894
>EGFR-Y869(KEYHAEGGK	130	>EGFR-Y869(KECHAEGGK	1466	1336
>EGFR-Y869(KEYHAEGGK	65	>EGFR-Y869(KECHAEGGK	83	18
>EGFR-Y869(EEKEYHAE	180	>EGFR-Y869(EEKECHAE	718	538
>EGFR-Y869(EEKEYHAE	142	>EGFR-Y869(EEKECHAE	1325	1183
>EGFR-Y869(AEEKEYHAE	412	>EGFR-Y869(AEEKECHAE	215	197
>EGFR-Y869(AEEKEYHA	15	>EGFR-Y869(AEEKECHA	68	53
>EGFR-Y869(AEEKEYHAE	159	>EGFR-Y869(AEEKECHAE	286	127
>EGFR-Y869(AEEKEYHAE	75	>EGFR-Y869(AEEKECHAE	50	25
>EGFR-Y869(LGAEKEY	425	>EGFR-Y869(LGAEKEC	22041	21616
>EGFR-Y869(LLGAEKEYH	248	>EGFR-Y869(LLGAEKECH	1127	879
>EGFR-Y869(LLGAEKEYH	181	>EGFR-Y869(LLGAEKECH	226	45
>EGFR-Y869(LLGAEKEYH	186	>EGFR-Y869(LLGAEKECH	628	442
>EGFR-Y869(LLGAEKEYH	194	>EGFR-Y869(LLGAEKECH	148	46
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>EGFR-Y869(LLGAEKEYH	24	>EGFR-Y869(LLGAEKECH	17	7
>EGFR-Y869(KLLGAEKEY	4247	>EGFR-Y869(KLLGAEKEC	127	4120

>EGFR-Y869C KLLGAEKEY	4751	>EGFR-Y869C KLLGAEKEC	137	4614
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>EIF4A2-G3V SGGGSADYNR	836	>EIF4A2-G3V SVGSADYNR	67	769
>EIF4A2-G3V SGGGSADYNR	2240	>EIF4A2-G3V SVGSADYNR	54	2186
>EIF4A2-G3V SGGGSADYNR	106	>EIF4A2-G3V SVGSADYNR	72	34
>EIF4A2-G3V MSGGSADYN	843	>EIF4A2-G3V MSVGSADYN	251	592
>EIF4A2-G3V MSGGSADY	2274	>EIF4A2-G3V MSVGSADY	62	2212
>EIF4A2-G3V MSGGSADY	61	>EIF4A2-G3V MSVGSADY	39	22
>EIF4A2-G3V MSGGSADY	103	>EIF4A2-G3V MSVGSADY	108	5
>EIF4A2-G3V MSGGSADYN	82	>EIF4A2-G3V MSVGSADYN	40	42
>EIF4A2-G3V MSGGSADY	2510	>EIF4A2-G3V MSVGSADY	414	2096
>EIF4A2-G3V MSGGSADYN	26	>EIF4A2-G3V MSVGSADYN	7	19
>EIF4A2-G3V MSGGSADY	218	>EIF4A2-G3V MSVGSADY	168	50
>EIF4A2-G3V MSGGSADY	1386	>EIF4A2-G3V MSVGSADY	210	1176
>EIF4A2-G3V MSGGSADY	8	>EIF4A2-G3V MSVGSADY	3	5
>EIF4A2-G3V MSGGSADY	198	>EIF4A2-G3V MSVGSADY	37	161
>EIF4A2-G3V MSGGSADY	1898	>EIF4A2-G3V MSVGSADY	495	1403
>EIF4A2-G3V MSGGSADY	1071	>EIF4A2-G3V MSVGSADY	167	904
>EIF4A2-G3V MSGGSADY	445	>EIF4A2-G3V MSVGSADY	235	210
>EIF4A2-G3V MSGGSADY	3073	>EIF4A2-G3V MSVGSADY	288	2785
>EIF4A2-G3V MSGGSADYN	184	>EIF4A2-G3V MSVGSADYN	203	19
>EIF4A2-M31IMREFRSGSS	204	>EIF4A2-M31IREFRSGSSR	662	458
>EIF4A2-M31IMREFRSGSS	433	>EIF4A2-M31IREFRSGSS	287	146
>EIF4A2-M31IMREFRSGSS	201	>EIF4A2-M31IREFRSGSSR	138	63
>EIF4A2-M31IMREFRSGSS	16	>EIF4A2-M31IREFRSGSSR	59	43
>EIF4A2-M31IMREFRSGSS	35	>EIF4A2-M31IREFRSGSSR	60	25
>EIF4A2-M31IMREFRSGSS	542	>EIF4A2-M31IREFRSGSSR	262	280
>EIF4A2-M31IMREFRSGSS	34	>EIF4A2-M31IREFRSGSSR	992	958
>EIF4A2-M31DVIMREFR	195	>EIF4A2-M31DVIREFR	251	56
>EIF4A2-M31DVIMREFR	8	>EIF4A2-M31DVIREFR	9	1
>EIF4A2-M31DVIMREFR	3	>EIF4A2-M31DVIREFR	4	1
>EIF4A2-M31RDVIMREFR	268	>EIF4A2-M31RDVIREFR	242	26
>EIF4A2-M31RDVIMREF	348	>EIF4A2-M31RDVIREF	649	301
>EIF4A2-M31RDVIMREFR	295	>EIF4A2-M31RDVIREFR	165	130
>EIF4A2-M31ERDVIMREFR	386	>EIF4A2-M31ERDVIREFR	395	9
>EIF4A2-M31KERDVIMREF	81	>EIF4A2-M31KERDVIREFR	80	1
>EIF4A2-M31KERDVIMREF	86	>EIF4A2-M31KERDVIREF	96	10
>EIF4A2-M31KERDVIMREF	91	>EIF4A2-M31KERDVIREF	73	18
>EIF4A2-M31KERDVIMREF	415	>EIF4A2-M31KERDVIREF	459	44
>EIF4A2-M31KERDVIMRE	291	>EIF4A2-M31KERDVIIRE	366	75
>EIF4A2-M31KERDVIMREF	123	>EIF4A2-M31KERDVIREF	97	26
>EIF4A2-M31KERDVIMREF	426	>EIF4A2-M31KERDVIREFR	548	122
>EIF4A2-M31KERDVIMR	188	>EIF4A2-M31KERDVIIR	147	41

>EIF4A2-M31KERDVIMREF	116	>EIF4A2-M31KERDVIREFR	104	12
>EIF4A2-M31QKERDVIMRI	110	>EIF4A2-M31QKERDVIREF	82	28
>EIF4A2-M31MDQKERDVI	5811	>EIF4A2-M31MDQKERDVI	222	5589
>EIF4A2-V18 VLDEADEM	504	>EIF4A2-V18 LLDEADEM	344	160
>EIF4A2-V18 VLDEADEML	91	>EIF4A2-V18 LLDEADEML	66	25
>EIF4A2-V18 VLDEADEM	467	>EIF4A2-V18 LLDEADEM	152	315
>EIF4A2-V18 VLDEADEML	33	>EIF4A2-V18 LLDEADEML	17	16
>EIF4A2-V18 VLDEADEM	530	>EIF4A2-V18 LLDEADEM	296	234
>EIF4A2-V18 VLDEADEML	117	>EIF4A2-V18 LLDEADEML	77	40
>EIF4A2-V18 VLDEADEM	28	>EIF4A2-V18 LLDEADEM	33	5
>EIF4A2-V18 VLDEADEML	5	>EIF4A2-V18 LLDEADEML	5	0
>EIF4A2-V18 VLDEADEM	84	>EIF4A2-V18 LLDEADEM	69	15
>EIF4A2-V18 VLDEADEML	19	>EIF4A2-V18 LLDEADEML	15	4
>EIF4A2-V18 VLDEADEM	48	>EIF4A2-V18 LLDEADEM	65	17
>EIF4A2-V18 VLDEADEML	8	>EIF4A2-V18 LLDEADEML	9	1
>EIF4A2-V18 VLDEADEM	98	>EIF4A2-V18 LLDEADEM	128	30
>EIF4A2-V18 VLDEADEML	15	>EIF4A2-V18 LLDEADEML	19	4
>EIF4A2-V18 VLDEADEM	103	>EIF4A2-V18 LLDEADEM	68	35
>EIF4A2-V18 VLDEADEML	12	>EIF4A2-V18 LLDEADEML	10	2
>EIF4A2-V18 FVLDEADEM	288	>EIF4A2-V18 FLLDEADEM	17	271
>EIF4A2-V18 FVLDEADEMI	68	>EIF4A2-V18 FLLDEADEML	9	59
>EIF4A2-V18 FVLDEADEMI	4989	>EIF4A2-V18 FLLDEADEML	176	4813
>EIF4A2-V18 FVLDEADEM	131	>EIF4A2-V18 FLLDEADEM	8	123
>EIF4A2-V18 FVLDEADEMI	28	>EIF4A2-V18 FLLDEADEML	7	21
>EIF4A2-V18 FVLDEADEMI	4229	>EIF4A2-V18 FLLDEADEML	97	4132
>EIF4A2-V18 FVLDEADEM	5832	>EIF4A2-V18 FLLDEADEM	266	5566
>EIF4A2-V18 FVLDEADEMI	662	>EIF4A2-V18 FLLDEADEML	76	586
>EIF4A2-V18 FVLDEADEM	18	>EIF4A2-V18 FLLDEADEM	11	7
>EIF4A2-V18 FVLDEADEMI	49	>EIF4A2-V18 FLLDEADEML	45	4
>EIF4A2-V18 FVLDEADEMI	272	>EIF4A2-V18 FLLDEADEML	106	166
>EIF4A2-V18 FVLDEADEM	219	>EIF4A2-V18 FLLDEADEM	4	215
>EIF4A2-V18 FVLDEADEMI	24	>EIF4A2-V18 FLLDEADEML	2	22
>EIF4A2-V18 FVLDEADEMI	5032	>EIF4A2-V18 FLLDEADEML	91	4941
>EIF4A2-V18 FVLDEADEM	463	>EIF4A2-V18 FLLDEADEM	6	457
>EIF4A2-V18 FVLDEADEMI	84	>EIF4A2-V18 FLLDEADEML	4	80
>EIF4A2-V18 FVLDEADEMI	13456	>EIF4A2-V18 FLLDEADEML	425	13031
>EIF4A2-V18 FVLDEADEM	802	>EIF4A2-V18 FLLDEADEM	10	792
>EIF4A2-V18 FVLDEADEMI	46	>EIF4A2-V18 FLLDEADEML	5	41
>EIF4A2-V18 FVLDEADEMI	9056	>EIF4A2-V18 FLLDEADEML	267	8789
>EIF4A2-V18 FVLDEADEM	300	>EIF4A2-V18 FLLDEADEM	6	294
>EIF4A2-V18 FVLDEADEMI	74	>EIF4A2-V18 FLLDEADEML	3	71
>EIF4A2-V18 FVLDEADE	17493	>EIF4A2-V18 FLLDEADE	375	17118
>EIF4A2-V18 FVLDEADEM	532	>EIF4A2-V18 FLLDEADEM	5	527

>EIF4A2-V18 FVLDEADEMI	18	>EIF4A2-V18 FLLDEADEML	2	16
>EIF4A2-V18 FVLDEADEMI	5454	>EIF4A2-V18 FLLDEADEML	22	5432
>EIF4A2-V18 FVLDEADEM	348	>EIF4A2-V18 FLLDEADEM	5866	5518
>EIF4A2-V18 FVLDEADEM	86	>EIF4A2-V18 FLLDEADEM	516	430
>EIF4A2-V18 FVLDEADEMI	64	>EIF4A2-V18 FLLDEADEML	381	317
>EIF4A2-V18 FVLDEADEM	56	>EIF4A2-V18 FLLDEADEM	259	203
>EIF4A2-V18 YLSPKWIKMF	9	>EIF4A2-V18 YLSPKWIKMF	14	5
>EIF4A2-V18 YLSPKWIKMF	4	>EIF4A2-V18 YLSPKWIKMF	4	0
>EIF4A2-V18 YLSPKWIKMF	3	>EIF4A2-V18 YLSPKWIKMF	7	4
>EIF4A2-V18 YLSPKWIKMF	7	>EIF4A2-V18 YLSPKWIKMF	19	12
>EIF4A2-V18 YLSPKWIKMF	2	>EIF4A2-V18 YLSPKWIKMF	5	3
>EIF4A2-V18 YLSPKWIKMF	4	>EIF4A2-V18 YLSPKWIKMF	11	7
>EIF4A2-V18 YLSPKWIKMF	4	>EIF4A2-V18 YLSPKWIKMF	6	2
>EIF4A2-V18 YLSPKWIKMF	3	>EIF4A2-V18 YLSPKWIKMF	8	5
>EIF4A2-V18 YLSPKWIKMF	1	>EIF4A2-V18 YLSPKWIKMF	2	1
>EIF4A2-V18 YLSPKWIKMF	71	>EIF4A2-V18 YLSPKWIKMF	460	389
>EIF4A2-V18 YLSPKWIKMF	249	>EIF4A2-V18 YLSPKWIKMF	2217	1968
>EIF4A2-V18 MFVLDEADEI	2649	>EIF4A2-V18 MFLLDEADEI	498	2151
>EIF4A2-V18 MFVLDEADEI	331	>EIF4A2-V18 MFLLDEADEI	50	281
>EIF4A2-V18 KMFVLDEADI	454	>EIF4A2-V18 KMFLLDEADEI	508	54
>EIF4A2-V18 KMFVLDEA	40	>EIF4A2-V18 KMFLLDEA	39	1
>EIF4A2-V18 KMFVLDEADI	169	>EIF4A2-V18 KMFLLDEADEI	165	4
>EIF4A2-V18 KMFVLDEA	24	>EIF4A2-V18 KMFLLDEA	25	1
>EIF4A2-V18 KMFVLDEADI	62	>EIF4A2-V18 KMFLLDEADEI	64	2
>EIF4A2-V18 KMFVLDEA	69	>EIF4A2-V18 KMFLLDEA	68	1
>EIF4A2-V18 KMFVLDEA	96	>EIF4A2-V18 KMFLLDEA	137	41
>EIF4A2-V18 KMFVLDEADI	367	>EIF4A2-V18 KMFLLDEADEI	457	90
>EIF4A2-V18 KMFVLDEA	16	>EIF4A2-V18 KMFLLDEA	21	5
>EIF4A2-V18 KMFVLDEADI	57	>EIF4A2-V18 KMFLLDEADEI	74	17
>EIF4A2-V18 KMFVLDEA	66	>EIF4A2-V18 KMFLLDEA	82	16
>EIF4A2-V18 KMFVLDEADI	173	>EIF4A2-V18 KMFLLDEADEI	186	13
>EIF4A2-V18 KMFVLDEA	23	>EIF4A2-V18 KMFLLDEA	29	6
>EIF4A2-V18 KMFVLDEADI	118	>EIF4A2-V18 KMFLLDEADEI	163	45
>EIF4A2-V18 KMFVLDEA	119	>EIF4A2-V18 KMFLLDEA	168	49
>EIF4A2-V18 KMFVLDEAD	502	>EIF4A2-V18 KMFLLDEAD	407	95
>EIF4A2-V18 KMFVLDEADI	87	>EIF4A2-V18 KMFLLDEADEI	71	16
>EIF4A2-V18 KMFVLDEADI	175	>EIF4A2-V18 KMFLLDEADEI	284	109
>EIF4A2-V18 KMFVLDEADI	46	>EIF4A2-V18 KMFLLDEADEI	105	59
>EIF4A2-V18 KMFVLDEADI	287	>EIF4A2-V18 KMFLLDEADEI	771	484
>EIF4A2-V18 WIKMFVLDE/	335	>EIF4A2-V18 WIKMFLLDE/	312	23
>EIF4A2-V18 WIKMFVLDE/	800	>EIF4A2-V18 WIKMFLLDE/	464	336
>EIF4A2-V18 KWIKMFVL	1133	>EIF4A2-V18 KWIKMFLL	462	671
>EIF4A2-V18 KWIKMFVL	57	>EIF4A2-V18 KWIKMFLL	38	19

>EIF4A2-V18 KWIKMFVL	91	>EIF4A2-V18 KWIKMFLL	45	46
>EIF4A2-V18 KWIKMFVL	31	>EIF4A2-V18 KWIKMFLL	53	22
>EIF4A2-V18 KWIKMFVL	485	>EIF4A2-V18 KWIKMFLL	353	132
>EIF4A2-V18 KWIKMFVLD	301	>EIF4A2-V18 KWIKMFLLD	312	11
>EIF4A2-V18 KWIKMFVLDI	322	>EIF4A2-V18 KWIKMFLLDE	368	46
>EIF4A2-V18 KWIKMFVL	590	>EIF4A2-V18 KWIKMFLL	336	254
>EIF4A2-V18 KWIKMFVL	49	>EIF4A2-V18 KWIKMFLL	42	7
>EIF4A2-V18 KWIKMFVLD	230	>EIF4A2-V18 KWIKMFLLD	238	8
>EIF4A2-V18 KWIKMFVLDI	57	>EIF4A2-V18 KWIKMFLLDE	53	4
>EIF4A2-V18 SPKWIKMFV	1225	>EIF4A2-V18 SPKWIKMFL	298	927
>EIF4A2-V18 SPKWIKMFV	559	>EIF4A2-V18 SPKWIKMFL	97	462
>EIF4A2-V18 SPKWIKMFVI	52	>EIF4A2-V18 SPKWIKMFLL	115	63
>EIF4A2-V18 SPKWIKMFV	1159	>EIF4A2-V18 SPKWIKMFL	223	936
>EIF4A2-V18 LSPKWIKMFV	427	>EIF4A2-V18 LSPKWIKMFL	728	301
>EIF4A2-V18 LSPKWIKMFV	78	>EIF4A2-V18 LSPKWIKMFL	645	567
>EIF4A2-V18 LSPKWIKMFV	8	>EIF4A2-V18 LSPKWIKMFL	3	5
>EIF4A2-V18 LSPKWIKMFV	2	>EIF4A2-V18 LSPKWIKMFL	2	0
>EIF4A2-V18 LSPKWIKMFV	617	>EIF4A2-V18 LSPKWIKMFL	320	297
>ELF4-P360S PSASLELGPSL	5494	>ELF4-P360S SSASLELGPSL	68	5426
>ELF4-P360S PSASLELGPSL	2832	>ELF4-P360S SSASLELGPSL	227	2605
>ELF4-P360S PSASLELGPSL	8469	>ELF4-P360S SSASLELGPSL	124	8345
>ELF4-P360S PSASLELGPSL	4566	>ELF4-P360S SSASLELGPSL	221	4345
>ELF4-P360S QPSASLEL	227	>ELF4-P360S QSSASLEL	33056	32829
>ELF4-P360S QPSASLEL	182	>ELF4-P360S QSSASLEL	19868	19686
>ELF4-P360S QPSASLEL	16373	>ELF4-P360S QSSASLEL	13	16360
>ELF4-P360S QPSASLEL	199	>ELF4-P360S QSSASLEL	4971	4772
>ELF4-P360S QPSASLEL	17013	>ELF4-P360S QSSASLEL	314	16699
>ELF4-P360S QPSASLEL	281	>ELF4-P360S QSSASLEL	19124	18843
>ELF4-P360S LQPSASLEL	219	>ELF4-P360S LQSSASLEL	1744	1525
>ELF4-P360S LQPSASLEL	1260	>ELF4-P360S LQSSASLEL	384	876
>ELF4-P360S LQPSASLEL	413	>ELF4-P360S LQSSASLEL	50	363
>ELF4-P360S LQPSASLEL	42	>ELF4-P360S LQSSASLEL	36	6
>ELF4-P360S LQPSASLEL	159	>ELF4-P360S LQSSASLEL	56	103
>ELF4-P360S LQPSASLEL	58	>ELF4-P360S LQSSASLEL	11	47
>ELF4-P360S LQPSASLEL	2482	>ELF4-P360S LQSSASLEL	124	2358
>ELF4-P360S GLQPSASL	270	>ELF4-P360S GLQSSASL	222	48
>ELF4-P360S GLQPSASL	40	>ELF4-P360S GLQSSASL	28	12
>ELF4-P360S GLQPSASLEL	101	>ELF4-P360S GLQSSASLEL	40	61
>ELF4-P360S GLQPSASL	59	>ELF4-P360S GLQSSASL	47	12
>ELF4-P360S GLQPSASLEL	394	>ELF4-P360S GLQSSASLEL	220	174
>ELF4-P360S GLQPSASL	51	>ELF4-P360S GLQSSASL	73	22
>ELF4-P360S GLQPSASLEL	106	>ELF4-P360S GLQSSASLEL	119	13
>ELF4-P360S GLQPSASL	8	>ELF4-P360S GLQSSASL	10	2

>ELF4-P360S GLQPSASLEL	18	>ELF4-P360S GLQSSASLEL	25	7
>ELF4-P360S GLQPSASL	156	>ELF4-P360S GLQSSASL	213	57
>ELF4-P360S GLQPSASLEL	66	>ELF4-P360S GLQSSASLEL	95	29
>ELF4-P360S GLQPSASL	286	>ELF4-P360S GLQSSASL	333	47
>ELF4-P360S GLQPSASL	5	>ELF4-P360S GLQSSASL	6	1
>ELF4-P360S GLQPSASLEL	5	>ELF4-P360S GLQSSASLEL	8	3
>ELF4-P360S GLQPSASL	569	>ELF4-P360S GLQSSASL	487	82
>ELF4-P360S VGLQPSASL	219	>ELF4-P360S VGLQSSASL	52	167
>ELF4-P360S VGLQPSASLE	461	>ELF4-P360S VGLQSSASLE	185	276
>ELF4-P360S QHVGLQPSA'	22	>ELF4-P360S QHVGLQSSA'	16	6
>ELF4-P360S IQHVGLQPSA	511	>ELF4-P360S IQHVGLQSSA	350	161
>ELF4-P360S IQHVGLQPSA	414	>ELF4-P360S IQHVGLQSSA	199	215
>ELF4-P360S KIQHVGLQPS	254	>ELF4-P360S KIQHVGLQSS	799	545
>ELN-A418T- AGVPGVGGV	460	>ELN-A418T- TGVPGVGGV	1090	630
>ELN-A418T- AGVPGVGGV	6080	>ELN-A418T- TGVPGVGGV	215	5865
>ELN-A418T- VAGVPGVGG	630	>ELN-A418T- VTGVPGVGG	150	480
>ELN-A418T- GVAGVPGV	191	>ELN-A418T- GVTGVPGV	912	721
>ELN-A418T- GVAGVPGV	114	>ELN-A418T- GVTGVPGV	1266	1152
>ELN-A418T- GVAGVPGV	219	>ELN-A418T- GVTGVPGV	1879	1660
>ELN-A418T- GVAGVPGV	19	>ELN-A418T- GVTGVPGV	152	133
>ELN-A418T- GVAGVPGV	14	>ELN-A418T- GVTGVPGV	80	66
>ELN-A418T- GVAGVPGV	54	>ELN-A418T- GVTGVPGV	116	62
>ELN-A418T- GVAGVPGV	278	>ELN-A418T- GVTGVPGV	642	364
>ELN-A418T- GVAGVPGV	13	>ELN-A418T- GVTGVPGV	32	19
>ELN-A418T- GVAGVPGV	28	>ELN-A418T- GVTGVPGV	76	48
>ELN-A418T- GVAGVPGV	291	>ELN-A418T- GVTGVPGV	454	163
>ELN-A418T- GVAGVPGV	12	>ELN-A418T- GVTGVPGV	19	7
>ELN-A418T- GVAGVPGV	41	>ELN-A418T- GVTGVPGV	88	47
>ELN-A418T- GVAGVPGV	85	>ELN-A418T- GVTGVPGV	677	592
>ELN-A418T- GVAGVPGV	9	>ELN-A418T- GVTGVPGV	10	1
>ELN-A418T- GVAGVPGV	35	>ELN-A418T- GVTGVPGV	38	3
>ELN-A418T- GVAGVPGV	248	>ELN-A418T- GVTGVPGV	1434	1186
>ELN-A418T- GVAGVPGV	76	>ELN-A418T- GVTGVPGV	522	446
>ELN-A418T- GVAGVPGV	498	>ELN-A418T- GVTGVPGV	2648	2150
>ELN-A418T- IPGVAGVPGV	293	>ELN-A418T- IPGVTGVPGV	4125	3832
>ELN-A418T- IPGVAGVPG	420	>ELN-A418T- IPGVTGVPG	381	39
>ELN-A418T- GIPGVAGV	263	>ELN-A418T- GIPGVTGV	175	88
>ELN-A418T- GIPGVAGV	28	>ELN-A418T- GIPGVTGV	16	12
>ELN-A418T- GIPGVAGVPC	52	>ELN-A418T- GIPGVTGVPC	30	22
>ELN-A418T- GIPGVAGV	96	>ELN-A418T- GIPGVTGV	89	7
>ELN-A418T- GIPGVAGVPC	88	>ELN-A418T- GIPGVTGVPC	81	7
>ELN-A418T- GIPGVAGV	14	>ELN-A418T- GIPGVTGV	16	2
>ELN-A418T- GIPGVAGVPC	13	>ELN-A418T- GIPGVTGVPC	12	1

>ELN-A418T- GIPGVAGV	342	>ELN-A418T- GIPGVTGV	675	333
>ELN-A418T- GIPGVAGVPC	582	>ELN-A418T- GIPGVTGVPC	413	169
>ELN-A418T- GIPGVAGV	25	>ELN-A418T- GIPGVTGV	21	4
>ELN-A418T- GIPGVAGVPC	19	>ELN-A418T- GIPGVTGVPC	15	4
>ELN-A418T- GIPGVAGVPC	368	>ELN-A418T- GIPGVTGVPC	259	109
>ELN-A418T- GIPGVAGV	8	>ELN-A418T- GIPGVTGV	7	1
>ELN-A418T- GIPGVAGVPC	11	>ELN-A418T- GIPGVTGVPC	8	3
>ELN-A418T- GGIPGVAGV	160	>ELN-A418T- GGIPGVTGV	197	37
>ELN-A418T- GVGGIPGVAC	395	>ELN-A418T- GVGGIPGVTC	461	66
>ELN-A418T- GVGGIPGVAC	74	>ELN-A418T- GVGGIPGVTC	75	1
>ELN-A418T- GVGGIPGVAC	29	>ELN-A418T- GVGGIPGVTC	47	18
>ELN-A418T- GVGGIPGVAC	172	>ELN-A418T- GVGGIPGVTC	556	384
>ELN-A418T- GVGGIPGVAC	68	>ELN-A418T- GVGGIPGVTC	69	1
>ELN-A418T- GVGGIPGVAC	128	>ELN-A418T- GVGGIPGVTC	422	294
>ELN-A418T- GVGGIPGVAC	18	>ELN-A418T- GVGGIPGVTC	20	2
>ELN-A461S- AAKAAAKA	69	>ELN-A461S- SAKAAAKA	114	45
>ELN-A461S- AAKAAAKAA	54	>ELN-A461S- SAKAAAKAA	91	37
>ELN-A461S- AAKAAAKAAI	403	>ELN-A461S- SAKAAAKAAI	662	259
>ELN-A461S- AAKAAAKAAI	181	>ELN-A461S- SAKAAAKAAI	191	10
>ELN-A461S- AAKAAAKAAI	102	>ELN-A461S- SAKAAAKAAI	187	85
>ELN-A461S- AAKAAAKAAI	5	>ELN-A461S- SAKAAAKAAI	9	4
>ELN-A461S- AAKAAAKAAI	1040	>ELN-A461S- SAKAAAKAAI	449	591
>ELN-A461S- AAKAAAK	693	>ELN-A461S- ASAKAAAK	222	471
>ELN-A461S- AAKAAAK	177	>ELN-A461S- ASAKAAAK	44	133
>ELN-A461S- AAKAAAK	230	>ELN-A461S- ASAKAAAK	76	154
>ELN-A461S- AAKAAAK	321	>ELN-A461S- ASAKAAAK	336	15
>ELN-A461S- AAKAAAK	1340	>ELN-A461S- ASAKAAAK	317	1023
>ELN-A461S- AAAAKAAAK	399	>ELN-A461S- AASAKAAAK	422	23
>ELN-A461S- AAAAKAAAK	155	>ELN-A461S- AASAKAAAK	106	49
>ELN-A461S- AAAAKAAAK	249	>ELN-A461S- AASAKAAAK	96	153
>ELN-A461S- AAAAKAAA	306	>ELN-A461S- AAASAKAAAI	354	48
>ELN-A461S- AAAAKAAA	203	>ELN-A461S- AAASAKAAAI	168	35
>ELN-A461S- AAAAKAAA	125	>ELN-A461S- AAASAKAAAI	222	97
>ELN-A461S- AAAAKAAA	90	>ELN-A461S- AAASAKAAAI	109	19
>ELN-A461S- AAAAKAAA	423	>ELN-A461S- AAASAKAAA	1016	593
>ELN-A461S- TPAAAAAK	396	>ELN-A461S- TPAAASAK	461	65
>ELN-A461S- TPAAAAAKA/	66	>ELN-A461S- TPAAASAKA/	61	5
>ELN-A461S- TPAAAAAK	446	>ELN-A461S- TPAAASAK	357	89
>ELN-A461S- TPAAAAAKA/	176	>ELN-A461S- TPAAASAKA/	145	31
>ELN-A461S- TPAAAAAKA	249	>ELN-A461S- TPAAASAKA	172	77
>ELN-A461S- TPAAAAAKA/	347	>ELN-A461S- TPAAASAKA/	814	467
>ELN-A461S- TPAAAAAKA/	35	>ELN-A461S- TPAAASAKA/	32	3
>ELN-A461S- TPAAAAAKA/	791	>ELN-A461S- TPAAASAKA/	377	414



>ELN-A461S- GTPAAAAAK	147	>ELN-A461S- GTPAAASAK	115	32
>ELN-A461S- GTPAAAAAK/	320	>ELN-A461S- GTPAAASAK/	481	161
>ELN-A461S- GTPAAAAAK	179	>ELN-A461S- GTPAAASAK	755	576
>ELN-A461S- GTPAAAAAK/	30	>ELN-A461S- GTPAAASAK/	53	23
>ELN-A461S- GTPAAAAAK/	147	>ELN-A461S- GTPAAASAK/	267	120
>ELN-A461S- GVGTPAAAA.	284	>ELN-A461S- GVGTPAAAS/	214	70
>ELN-A461S- GVGTPAAAA.	69	>ELN-A461S- GVGTPAAAS/	59	10
>ELN-G157E- GARFPGVGV	9846	>ELN-G157E- EARFPGVGV	129	9717
>ELN-G157E- GARFPGVGV	8907	>ELN-G157E- EARFPGVGV	111	8796
>ELN-G157E- GARFPGVGV/	147	>ELN-G157E- EARFPGVGV/	378	231
>ELN-G157E- LPGARFPGV	214	>ELN-G157E- LPEARFPGV	240	26
>ELN-G157E- LPGARFPGV/	331	>ELN-G157E- LPEARFPGV/	346	15
>ELN-G157E- LPGARFPGV	311	>ELN-G157E- LPEARFPGV	427	116
>ELN-G157E- LPGARFPG	213	>ELN-G157E- LPEARFPG	175	38
>ELN-G157E- LPGARFPGV	34	>ELN-G157E- LPEARFPGV	31	3
>ELN-G157E- LPGARFPGV/	81	>ELN-G157E- LPEARFPGV/	68	13
>ELN-G157E- VLPGARFPGV	92	>ELN-G157E- VLPEARFPGV	69	23
>ELN-G157E- VLPGARFPGV	250	>ELN-G157E- VLPEARFPGV	244	6
>ELN-G157E- VLPGARFPGV	88	>ELN-G157E- VLPEARFPGV	94	6
>ELN-G157E- VLPGARFPGV	77	>ELN-G157E- VLPEARFPGV	73	4
>ELN-G157E- VLPGARFPGV	4	>ELN-G157E- VLPEARFPGV	2	2
>ELN-G157E- VLPGARFPGV	52	>ELN-G157E- VLPEARFPGV	13	39
>ELN-G157E- VLPGARFPGV	5	>ELN-G157E- VLPEARFPGV	4	1
>ELN-G157E- VLPGARFPGV	6	>ELN-G157E- VLPEARFPGV	4	2
>ELN-G157E- VLPGARFPGV	2	>ELN-G157E- VLPEARFPGV	2	0
>ELN-G157E- VLPGARFPGV	258	>ELN-G157E- VLPEARFPGV	301	43
>ELN-G157E- GVLPGARFPG	300	>ELN-G157E- GVLPEARFPG	384	84
>ELN-G157E- GVLPGARFPG	362	>ELN-G157E- GVLPEARFPG	602	240
>ELN-G157E- GVLPGARFPG	12	>ELN-G157E- GVLPEARFPG	21	9
>ELN-G157E- GVLPGARFPG	24	>ELN-G157E- GVLPEARFPG	42	18
>ELN-G157E- GVLPGARFPG	67	>ELN-G157E- GVLPEARFPG	96	29
>ELN-G157E- GVLPGARFPG	16	>ELN-G157E- GVLPEARFPG	26	10
>ELN-G157E- GVLPGARFPG	147	>ELN-G157E- GVLPEARFPG	301	154
>ELN-G157E- GVLPGARFPG	12	>ELN-G157E- GVLPEARFPG	23	11
>ELN-G157E- GVLPGARFPG	130	>ELN-G157E- GVLPEARFPG	303	173
>ELN-G157E- GVLPGARF	13	>ELN-G157E- GVLPEARF	29	16
>ELN-G157E- GGVLPGARF	132	>ELN-G157E- GGVLPEARF	517	385
>ELN-G157E- GGVLPGARF	172	>ELN-G157E- GGVLPEARF	635	463
>ELN-G157E- YPGGVLPGAR	251	>ELN-G157E- YPGGVLPEAR	754	503
>ELN-G157E- YPGGVLPGAR	45	>ELN-G157E- YPGGVLPEAR	30	15
>ELN-G157E- YPGGVLPGAR	631	>ELN-G157E- YPGGVLPEAR	376	255
>ELN-G157E- YPGGVLPGA	36	>ELN-G157E- YPGGVLPEA	21	15
>ELN-G157E- VYPGGVLPGAR	556	>ELN-G157E- VYPGGVLPEA	149	407

>ELN-G157E- VYPGGVLPG/	126	>ELN-G157E- VYPGGVLPEA	111	15
>ELN-G157E- VYPGGVLPG/	435	>ELN-G157E- VYPGGVLPEA	789	354
>ELN-G157E- GVYPGGVLP(	79	>ELN-G157E- GVYPGGVLP(	111	32
>ELN-G157E- GVYPGGVLP(	24	>ELN-G157E- GVYPGGVLP(	34	10
>ELN-G157E- GVYPGGVLP(	119	>ELN-G157E- GVYPGGVLP(	125	6
>ELN-G157E- GVYPGGVLP(	96	>ELN-G157E- GVYPGGVLP(	86	10
>ELN-G157E- GVYPGGVLP(	86	>ELN-G157E- GVYPGGVLP(	66	20
>ELN-G384R- GARPGVGV	373	>ELN-G384R- RARPGVGV	523	150
>ELN-G384R- GARPGVGV	811	>ELN-G384R- RARPGVGV	13	798
>ELN-G384R- GARPGVGVG	3479	>ELN-G384R- RARPGVGVG	40	3439
>ELN-G384R- GARPGVGVG	4264	>ELN-G384R- RARPGVGVG	70	4194
>ELN-G384R- GARPGVGVG	532	>ELN-G384R- RARPGVGVG	10	522
>ELN-G384R- GARPGVGV	6236	>ELN-G384R- RARPGVGV	149	6087
>ELN-G384R- GARPGVGVG	8249	>ELN-G384R- RARPGVGVG	238	8011
>ELN-G384R- GARPGVGV	728	>ELN-G384R- RARPGVGV	22	706
>ELN-G384R- GARPGVGVG	91	>ELN-G384R- RARPGVGVG	6	85
>ELN-G384R- GARPGVGVG	261	>ELN-G384R- RARPGVGVG	34	227
>ELN-G384R- YGARPGVGV	402	>ELN-G384R- YRARPGVGV	1249	847
>ELN-G384R- YGARPGVGV	366	>ELN-G384R- YRARPGVGV	2724	2358
>ELN-G384R- YGARPGVGV	5041	>ELN-G384R- YRARPGVGV	120	4921
>ELN-G384R- YGARPGVGV	21296	>ELN-G384R- YRARPGVGV	130	21166
>ELN-G384R- KYGARPGV	793	>ELN-G384R- KYRARPGV	4	789
>ELN-G384R- KYGARPGVG	7290	>ELN-G384R- KYRARPGVG	11	7279
>ELN-G384R- KYGARPGVG\	2917	>ELN-G384R- KYRARPGVG\	6	2911
>ELN-G384R- KYGARPGVG\	8199	>ELN-G384R- KYRARPGVG\	13	8186
>ELN-G384R- KYGARPGV	778	>ELN-G384R- KYRARPGV	291	487
>ELN-G384R- AKYGARPGV	147	>ELN-G384R- AKYRARPGV	502	355
>ELN-G384R- AKYGARPGV(	315	>ELN-G384R- AKYRARPGV(	1002	687
>ELN-G384R- AKYGARPGV	208	>ELN-G384R- AKYRARPGV	53	155
>ELN-G384R- AKYGARPGV(	62	>ELN-G384R- AKYRARPGV(	20	42
>ELN-G384R- AAKYGARPG	769	>ELN-G384R- AAKYRARPG	417	352
>ELN-G384R- AAKYGARPG\	75	>ELN-G384R- AAKYRARPG\	43	32
>ELN-G384R- KAAKYGARPC	147	>ELN-G384R- KAAKYRARPC	297	150
>ELN-G384R- KAAKYGARPC	279	>ELN-G384R- KAAKYRARPC	308	29
>ELN-G384R- KAAKYGARPC	995	>ELN-G384R- KAAKYRARPC	383	612
>ELN-G384R- KAAKYGAR	16	>ELN-G384R- KAAKYRAR	12	4
>ELN-G384R- KAAKYGAR	218	>ELN-G384R- KAAKYRAR	194	24
>ELN-G384R- AAKAAKYG	441	>ELN-G384R- AAKAAKYR	148	293
>ELN-G384R- AAKAAKYGA	147	>ELN-G384R- AAKAAKYRA	121	26
>ELN-G384R- AAKAAKYGAI	212	>ELN-G384R- AAKAAKYRAF	158	54
>ELN-G384R- AAKAAKYG	17423	>ELN-G384R- AAKAAKYR	20	17403
>ELN-G384R- AAKAAKYGAI	165	>ELN-G384R- AAKAAKYRAF	44	121
>ELN-G384R- AAKAAKYG	41158	>ELN-G384R- AAKAAKYR	425	40733

>ELN-G384R- AAKAAKYG	24190	>ELN-G384R- AAKAAKYR	454	23736
>ELN-G384R- AAKAAKYG/	443	>ELN-G384R- AAKAAKYR/	377	66
>ELN-G384R- AAKAAKYG	35357	>ELN-G384R- AAKAAKYR	62	35295
>ELN-G384R- AAKAAKYG/	294	>ELN-G384R- AAKAAKYR/	470	176
>ELN-G384R- KAAAKAAYC	27457	>ELN-G384R- KAAAKAAYF	79	27378
>ELN-G384R- KAAAKAAYC	37847	>ELN-G384R- KAAAKAAYF	321	37526
>ELN-G384R- KAAAKAAYC	31878	>ELN-G384R- KAAAKAAYF	457	31421
>ELN-G384R- KAAAKAAYC	24024	>ELN-G384R- KAAAKAAYF	37	23987
>EML4-V782 VWPEGSDGT	483	>EML4-V782 LWPEGSDGT	172	311
>EML4-V782 GVWPEGSDC	4609	>EML4-V782 GLWPEGSDG	87	4522
>EML4-V782 GVWPEGSDC	11096	>EML4-V782 GLWPEGSDG	236	10860
>EML4-V782 GVWPEGSDC	3776	>EML4-V782 GLWPEGSDG	72	3704
>EML4-V782 GVWPEGSDC	9235	>EML4-V782 GLWPEGSDG	81	9154
>EML4-V782 TCVLGFQVFC	168	>EML4-V782 TCVLGFQVFC	1157	989
>EML4-V782 TCVLGFQVFC	236	>EML4-V782 TCVLGFQVFC	2085	1849
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>EML4-V782 FQVFGVWPE	46	>EML4-V782 FQVFGVWPE	21	25
>EML4-V782 FQVFGVWPE	58	>EML4-V782 FQVFGVWPE	47	11
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>EML4-V782 LGFQVFGV	1961	>EML4-V782 LGFQVFGV	363	1598
>EML4-V782 LGFQVFGV	461	>EML4-V782 LGFQVFGV	650	189
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>EML4-V782 LGFQVFGVW	80	>EML4-V782 LGFQVFGVW	100	20
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>EML4-V782 VLGQVFGV	22	>EML4-V782 VLGQVFGV	55	33
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>EML4-V782 VLGQVFGV	2	>EML4-V782 VLGQVFGV	4	2
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>EML4-V782 CVLGFQVFG\	220	>EML4-V782 CVLGFQVFG\	205	15
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>EML4-V782 CVLGFQVFG\	54	>EML4-V782 CVLGFQVFGI	142	88
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>EML4-V782 CVLGFQVFG\	116	>EML4-V782 CVLGFQVFGI	1156	1040
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>EML4-V782 CVLGFQVFG\	19	>EML4-V782 CVLGFQVFGI	213	194
>EML4-V782 CVLGFQVFG\	618	>EML4-V782 CVLGFQVFGI	432	186
>EML4-V782 CVLGFQVFG\	332	>EML4-V782 CVLGFQVFGI	264	68
>EML4-V782 CVLGFQVFG\	28	>EML4-V782 CVLGFQVFGI	31	3
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>ERBB2-D76!EILDEAYVM	39	>ERBB2-D76!EILHEAYVM	63	24
>ERBB2-D76!EILDEAYV	34	>ERBB2-D76!EILHEAYV	45	11
>ERBB2-D76!EILDEAYV	5	>ERBB2-D76!EILHEAYV	6	1
>ERBB2-D76!EILDEAYVM	33	>ERBB2-D76!EILHEAYVM	241	208
>ERBB2-D76!EILDEAYVMA	16	>ERBB2-D76!EILHEAYVMA	62	46
>ERBB2-D76!KEILDEAY	1004	>ERBB2-D76!KEILHEAY	366	638
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>ERBB2-D76!KEILDEAYVM	163	>ERBB2-D76!KEILHEAYVM	247	84
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>ERBB2-D76!KEILDEAY	363	>ERBB2-D76!KEILHEAY	452	89
>ERBB2-D76!KEILDEAY	273	>ERBB2-D76!KEILHEAY	245	28
>ERBB2-D76!KEILDEAYV	536	>ERBB2-D76!KEILHEAYV	225	311
>ERBB2-D76!KEILDEAYVM	50	>ERBB2-D76!KEILHEAYVM	25	25
>ERBB2-D76!KEILDEAYV	32	>ERBB2-D76!KEILHEAYV	12	20
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>ERBB2-D76!KEILDEAYVM	468	>ERBB2-D76!KEILHEAYVM	151	317
>ERBB2-D76!NKEILDEAYVI	676	>ERBB2-D76!NKEILHEAYVI	401	275
>ERBB2-D76!KANKEILDEA'	126	>ERBB2-D76!KANKEILHEA'	139	13
>ERBB2-D76!KANKEILDEA'	385	>ERBB2-D76!KANKEILHEA'	166	219
>ERBB2-D76!KANKEILDEA'	255	>ERBB2-D76!KANKEILHEA'	142	113
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>ERBB2-D76!KANKEILDEA'	140	>ERBB2-D76!KANKEILHEA'	88	52
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>ERBB2-D76!KANKEILDEA'	86	>ERBB2-D76!KANKEILHEA'	70	16
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>ERBB2-E744GENVKIPVAI	279	>ERBB2-E744GGNVKIPVAI	20575	20296
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>ERBB2-E744GENVKIPVAI	23	>ERBB2-E744GGNVKIPVAI	24216	24193
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>ERBB2-E744IPDGENVKIP\	279	>ERBB2-E744IPDGGNVKIP'	96	183
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>ERBB2-E744IWIPDGENVK	338	>ERBB2-E744IWIPDGGNV\	504	166
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>ERBB2-E914ELMTFGAKP\	70	>ERBB2-E914KLMTFGAKP\	3679	3609
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>ERBB2-E914ELMTFGAKP\	236	>ERBB2-E914KLMTFGAKP\	252	16
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>ERBB2-E914ELMTFGAKP\	473	>ERBB2-E914KLMTFGAKP\	144	329
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>ERBB2-E914ELMTFGAK	2917	>ERBB2-E914KLMTFGAK	178	2739
>ERBB2-E914WELMTFGA	211	>ERBB2-E914WKLMTFGA	27704	27493
>ERBB2-E914WELMTFGAK	67	>ERBB2-E914WKLMTFGAK	3636	3569
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>ERBB2-E914WELMTFGAK	293	>ERBB2-E914WKLMTFGAK	494	201
>ERBB2-E914WELMTFGAK	4697	>ERBB2-E914WKLMTFGAK	187	4510
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>ERBB2-E914WELMTFGAK	292	>ERBB2-E914WKLMTFGAK	22868	22576
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>ERBB2-E914DVWSYGVTV	4562	>ERBB2-E914DVWSYGVTV	121	4441
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>ERBB2-E914VWELMTFGA	9392	>ERBB2-E914VWKLMTFGA	230	9162
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>ERBB2-E914VWELMTFG	204	>ERBB2-E914VWKLMTFG	302	98
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>ERBB2-E914WSYGVTWWE	84	>ERBB2-E914WSYGVTW	475	391
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>ERBB2-E914WSYGVTWWE	165	>ERBB2-E914WSYGVTW	114	51
>ERBB2-E914WSYGVTWWE	8	>ERBB2-E914WSYGVTW	9	1
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>ERBB2-G77(MAGVGSPY	461	>ERBB2-G77(MASVGSPY	271	190
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>ERBB2-G77(MAGVGSPYV	61	>ERBB2-G77(MAVVGSPYV	10	51
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>ERBB2-G77(YVMAGVGSP	18	>ERBB2-G77(YVMAVVGSP	45	27
>ERBB2-G77(YVMAGVGSP	504	>ERBB2-G77(YVMAVVGSP	331	173
>ERBB2-G77(YVMAGVGSP	261	>ERBB2-G77(YVMAVVGSP	289	28
>ERBB2-G77(YVMAGVGSP	79	>ERBB2-G77(YVMAVVGSP	23	56
>ERBB2-G77(AYVMAGVGS	450	>ERBB2-G77(AYVMAVVGSP	161	289
>ERBB2-G77(AYVMAGVGS	149	>ERBB2-G77(AYVMAVVGSP	236	87
>ERBB2-G77(AYVMAGVGS	390	>ERBB2-G77(AYVMAVVGSP	423	33
>ERBB2-G77(AYVMAGVGS	395	>ERBB2-G77(AYVMAVVGSP	344	51
>ERBB2-G77(AYVMAGVGS	457	>ERBB2-G77(AYVMAVVGSP	342	115
>ERBB2-G77(EAYVMAGV	14	>ERBB2-G77(EAYVMAV	25	11
>ERBB2-G77(EAYVMAGV	6	>ERBB2-G77(EAYVMAV	14	8
>ERBB2-G77(DEAYVMAG	2719	>ERBB2-G77(DEAYVMAV	40	2679
>ERBB2-G77(DEAYVMAGV	33	>ERBB2-G77(DEAYVMAV	33	0
>ERBB2-G77(DEAYVMAG	19377	>ERBB2-G77(DEAYVMAV	246	19131
>ERBB2-G77(DEAYVMAGV	39	>ERBB2-G77(DEAYVMAV	167	128
>ERBB2-G77(DEAYVMAG	908	>ERBB2-G77(DEAYVMAV	34	874
>ERBB2-G77(DEAYVMAGV	158	>ERBB2-G77(DEAYVMAV	76	82
>ERBB2-G77(DEAYVMAGV	472	>ERBB2-G77(DEAYVMAV	326	146
>ERBB2-G77(DEAYVMAG	7725	>ERBB2-G77(DEAYVMAV	493	7232
>ERBB2-G77(DEAYVMAGV	411	>ERBB2-G77(DEAYVMAV	605	194
>ERBB2-G77(LDEAYVMAG	14735	>ERBB2-G77(LDEAYVMAV	64	14671
>ERBB2-G77(LDEAYVMAG	139	>ERBB2-G77(LDEAYVMAV	95	44
>ERBB2-G77(ILDEAYVMAC	1544	>ERBB2-G77(ILDEAYVMAV	16	1528
>ERBB2-G77(ILDEAYVMAC	11	>ERBB2-G77(ILDEAYVMAV	16	5
>ERBB2-G77(ILDEAYVMAC	2430	>ERBB2-G77(ILDEAYVMAV	13	2417

>ERBB2-G77\ILDEAYVMAC	6	>ERBB2-G77\ILDEAYVMAV	11	5
>ERBB2-G77\ILDEAYVMAC	7223	>ERBB2-G77\ILDEAYVMAV	19	7204
>ERBB2-G77\ILDEAYVMAC	11	>ERBB2-G77\ILDEAYVMAV	18	7
>ERBB2-G77\ILDEAYVMAC	9511	>ERBB2-G77\ILDEAYVMAV	59	9452
>ERBB2-G77\ILDEAYVMAC	7	>ERBB2-G77\ILDEAYVMAV	12	5
>ERBB2-G77\ILDEAYVMAC	137	>ERBB2-G77\ILDEAYVMAV	1	136
>ERBB2-G77\ILDEAYVMAC	2	>ERBB2-G77\ILDEAYVMAV	2	0
>ERBB2-G77\ILDEAYVMAC	2714	>ERBB2-G77\ILDEAYVMAV	3	2711
>ERBB2-G77\ILDEAYVMAC	3	>ERBB2-G77\ILDEAYVMAV	4	1
>ERBB2-G77\ILDEAYVMAC	3760	>ERBB2-G77\ILDEAYVMAV	4	3756
>ERBB2-G77\ILDEAYVMAC	4	>ERBB2-G77\ILDEAYVMAV	5	1
>ERBB2-G77\ILDEAYVMAC	14549	>ERBB2-G77\ILDEAYVMAV	2	14547
>ERBB2-G77\ILDEAYVMAC	3	>ERBB2-G77\ILDEAYVMAV	3	0
>ERBB2-G77\ILDEAYVMAC	3928	>ERBB2-G77\ILDEAYVMAV	2	3926
>ERBB2-G77\ILDEAYVMAC	2	>ERBB2-G77\ILDEAYVMAV	2	0
>ERBB2-G77\ILDEAYVMAC	18031	>ERBB2-G77\ILDEAYVMAV	72	17959
>ERBB2-G77\ILDEAYVMAC	45	>ERBB2-G77\ILDEAYVMAV	299	254
>ERBB2-G80\GCLLDHVR	735	>ERBB2-G80\SCLLDHVR	124	611
>ERBB2-G80\GCLLDHVREN	2360	>ERBB2-G80\SCLLDHVREN	430	1930
>ERBB2-G80\YGCLLDHV	894	>ERBB2-G80\YSCLLDHV	331	563
>ERBB2-G80\YGCLLDHVR	1490	>ERBB2-G80\YSCLLDHVR	127	1363
>ERBB2-G80\YGCLLDHVR	4770	>ERBB2-G80\YSCLLDHVR	131	4639
>ERBB2-G80\YGCLLDHVR	659	>ERBB2-G80\YSCLLDHVR	31	628
>ERBB2-G80\YGCLLDHVR	91	>ERBB2-G80\YSCLLDHVR	183	92
>ERBB2-G80\PYGCLLDHVR	27	>ERBB2-G80\PYSCCLLDHVR	39	12
>ERBB2-G80\MPYGCLLDH\	59	>ERBB2-G80\MPYSCCLLDH\	33	26
>ERBB2-G80\MPYGCLLDH\	365	>ERBB2-G80\MPYSCCLLDH\	530	165
>ERBB2-G80\MPYGCLLDH\	1226	>ERBB2-G80\MPYSCCLLDH\	471	755
>ERBB2-G80\MPYGCLLDH\	126	>ERBB2-G80\MPYSCCLLDH\	92	34
>ERBB2-G80\MPYGCLLDH\	502	>ERBB2-G80\MPYSCCLLDH\	299	203
>ERBB2-G80\MPYGCLLDH	41	>ERBB2-G80\MPYSCCLLDH	34	7
>ERBB2-G80\MPYGCLLDH\	88	>ERBB2-G80\MPYSCCLLDH\	83	5
>ERBB2-G80\MPYGCLLDH	769	>ERBB2-G80\MPYSCCLLDH	470	299
>ERBB2-G80\MPYGCLLD	38	>ERBB2-G80\MPYSCCLLD	51	13
>ERBB2-G80\MPYGCLLDH	398	>ERBB2-G80\MPYSCCLLDH	585	187
>ERBB2-G80\MPYGCLLDH\	15	>ERBB2-G80\MPYSCCLLDH\	11	4
>ERBB2-G80\MPYGCLLDH\	29	>ERBB2-G80\MPYSCCLLDH\	39	10
>ERBB2-G80\MPYGCLLDH\	48	>ERBB2-G80\MPYSCCLLDH\	60	12
>ERBB2-G80\LMPYGCLL	206	>ERBB2-G80\LMPYSCLL	120	86
>ERBB2-G80\LMPYGCLLDH	63	>ERBB2-G80\LMPYSCLLDH	66	3
>ERBB2-G80\LMPYGCLL	61	>ERBB2-G80\LMPYSCLL	27	34
>ERBB2-G80\LMPYGCLLDH	36	>ERBB2-G80\LMPYSCLLDH	23	13
>ERBB2-G80\LMPYGCLL	109	>ERBB2-G80\LMPYSCLL	81	28

>ERBB2-G80·LMPYGCLLD†	14	>ERBB2-G80·LMPYSCLLDH	15	1
>ERBB2-G80·LMPYGCLL	201	>ERBB2-G80·LMPYSCLL	218	17
>ERBB2-G80·LMPYGCLLD†	14	>ERBB2-G80·LMPYSCLLDH	19	5
>ERBB2-G80·LMPYGCLL	80	>ERBB2-G80·LMPYSCLL	104	24
>ERBB2-G80·LMPYGCLLD†	16	>ERBB2-G80·LMPYSCLLDH	23	7
>ERBB2-G80·LMPYGCLL	448	>ERBB2-G80·LMPYSCLL	331	117
>ERBB2-G80·LMPYGCLLD†	25	>ERBB2-G80·LMPYSCLLDH	26	1
>ERBB2-G80·LMPYGCLL	136	>ERBB2-G80·LMPYSCLL	182	46
>ERBB2-G80·LMPYGCLLD†	13	>ERBB2-G80·LMPYSCLLDH	18	5
>ERBB2-G80·LMPYGCLLD†	81	>ERBB2-G80·LMPYSCLLDH	92	11
>ERBB2-G80·LMPYGCLL	13	>ERBB2-G80·LMPYSCLL	16	3
>ERBB2-G80·LMPYGCLLD†	6	>ERBB2-G80·LMPYSCLLDH	8	2
>ERBB2-G80·LMPYGCLL	1038	>ERBB2-G80·LMPYSCLL	408	630
>ERBB2-G80·LMPYGCLL	10	>ERBB2-G80·LMPYSCLL	10	0
>ERBB2-G80·QLMPYGCL	210	>ERBB2-G80·QLMPYSCL	51	159
>ERBB2-G80·QLMPYGCLL	24	>ERBB2-G80·QLMPYSCLL	11	13
>ERBB2-G80·QLMPYGCL	26	>ERBB2-G80·QLMPYSCL	9	17
>ERBB2-G80·QLMPYGCLL	6	>ERBB2-G80·QLMPYSCLL	3	3
>ERBB2-G80·QLMPYGCL	171	>ERBB2-G80·QLMPYSCL	64	107
>ERBB2-G80·QLMPYGCLL	35	>ERBB2-G80·QLMPYSCLL	20	15
>ERBB2-G80·QLMPYGCL	460	>ERBB2-G80·QLMPYSCL	137	323
>ERBB2-G80·QLMPYGCLL	36	>ERBB2-G80·QLMPYSCLL	19	17
>ERBB2-G80·QLMPYGCL	118	>ERBB2-G80·QLMPYSCL	62	56
>ERBB2-G80·QLMPYGCLL	16	>ERBB2-G80·QLMPYSCLL	13	3
>ERBB2-G80·QLMPYGCL	120	>ERBB2-G80·QLMPYSCL	31	89
>ERBB2-G80·QLMPYGCLL	32	>ERBB2-G80·QLMPYSCLL	14	18
>ERBB2-G80·QLMPYGCL	546	>ERBB2-G80·QLMPYSCL	218	328
>ERBB2-G80·QLMPYGCLL	120	>ERBB2-G80·QLMPYSCLL	71	49
>ERBB2-G80·QLMPYGCL	81	>ERBB2-G80·QLMPYSCL	13	68
>ERBB2-G80·QLMPYGCLL	36	>ERBB2-G80·QLMPYSCLL	8	28
>ERBB2-G80·QLMPYGCL	36	>ERBB2-G80·QLMPYSCL	11	25
>ERBB2-G80·QLMPYGCLL	4	>ERBB2-G80·QLMPYSCLL	3	1
>ERBB2-G80·QLMPYGCLL	1173	>ERBB2-G80·QLMPYSCLL	260	913
>ERBB2-G80·QLMPYGCL	1090	>ERBB2-G80·QLMPYSCL	228	862
>ERBB2-G80·QLMPYGCLL	665	>ERBB2-G80·QLMPYSCLL	401	264
>ERBB2-G80·QLMPYGCL	1032	>ERBB2-G80·QLMPYSCL	219	813
>ERBB2-G80·TQLMPYGCLI	521	>ERBB2-G80·TQLMPYSCLL	335	186
>ERBB2-G80·TQLMPYGCLI	241	>ERBB2-G80·TQLMPYSCLL	240	1
>ERBB2-G80·TQLMPYGCL	601	>ERBB2-G80·TQLMPYSCL	28	573
>ERBB2-G80·TQLMPYGCLI	267	>ERBB2-G80·TQLMPYSCLL	94	173
>ERBB2-G80·TQLMPYGCL	618	>ERBB2-G80·TQLMPYSCL	116	502
>ERBB2-G80·TQLMPYGCLI	340	>ERBB2-G80·TQLMPYSCLL	106	234
>ERBB2-G80·TQLMPYGCL	1166	>ERBB2-G80·TQLMPYSCL	456	710

>ERBB2-G80:VTQLMPYGC	692	>ERBB2-G80:VTQLMPYSCI	245	447
>ERBB2-G80:VTQLMPYGC	32	>ERBB2-G80:VTQLMPYSCI	27	5
>ERBB2-G80:VTQLMPYGC	144	>ERBB2-G80:VTQLMPYSCI	90	54
>ERBB2-G80:VTQLMPYGC	92	>ERBB2-G80:VTQLMPYSCI	119	27
>ERBB2-G80:VTQLMPYGC	351	>ERBB2-G80:VTQLMPYSCI	286	65
>ERBB2-G80:VTQLMPYGC	1092	>ERBB2-G80:VTQLMPYSCI	258	834
>ERBB2-G80:LVTQLMPYGC	1634	>ERBB2-G80:LVTQLMPYSCI	460	1174
>ERBB2-G80:LVTQLMPYGC	1492	>ERBB2-G80:LVTQLMPYSCI	241	1251
>ERBB2-H87:HADGGKVPI	3825	>ERBB2-H87:HADGGKVPI	171	3654
>ERBB2-H87:HADGGKVPI	5564	>ERBB2-H87:HADGGKVPI	190	5374
>ERBB2-H87:HADGGKVPI	349	>ERBB2-H87:HADGGKVPI	157	192
>ERBB2-H87:HADGGKVPI	351	>ERBB2-H87:HADGGKVPI	116	235
>ERBB2-H87:HADGGKVPI	473	>ERBB2-H87:HADGGKVPI	337	136
>ERBB2-H87:HADGGKVPI	144	>ERBB2-H87:HADGGKVPI	112	32
>ERBB2-H87:HADGGKVPI	121	>ERBB2-H87:HADGGKVPI	324	203
>ERBB2-H87:HADGGKVPI	44	>ERBB2-H87:HADGGKVPI	40	4
>ERBB2-H87:YHADGGKVP	12675	>ERBB2-H87:YHADGGKVP	83	12592
>ERBB2-H87:YHADGGKV	2290	>ERBB2-H87:YHADGGKV	328	1962
>ERBB2-H87:YHADGGKV	3015	>ERBB2-H87:YHADGGKV	348	2667
>ERBB2-H87:YHADGGKV	702	>ERBB2-H87:YHADGGKV	31	671
>ERBB2-H87:YHADGGKV	20002	>ERBB2-H87:YHADGGKV	225	19777
>ERBB2-H87:YHADGGKVP	15851	>ERBB2-H87:YHADGGKVP	24	15827
>ERBB2-H87:YHADGGKVP	239	>ERBB2-H87:YHADGGKVP	6892	6653
>ERBB2-H87:YHADGGKVP	30	>ERBB2-H87:YHADGGKVP	1308	1278
>ERBB2-H87:RLLDIDETEYH	1021	>ERBB2-H87:RLLDIDETEYH	84	937
>ERBB2-H87:RLLDIDETEYH	4755	>ERBB2-H87:RLLDIDETEYH	27	4728
>ERBB2-H87:RLLDIDETEYH	10139	>ERBB2-H87:RLLDIDETEYH	91	10048
>ERBB2-H87:RLLDIDETEYH	2228	>ERBB2-H87:RLLDIDETEYH	228	2000
>ERBB2-H87:RLLDIDETEYH	8787	>ERBB2-H87:RLLDIDETEYH	15	8772
>ERBB2-H87:RLLDIDETEYH	8071	>ERBB2-H87:RLLDIDETEYH	129	7942
>ERBB2-H87:RLLDIDETEYH	9241	>ERBB2-H87:RLLDIDETEYH	489	8752
>ERBB2-H87:RLLDIDETEYH	18968	>ERBB2-H87:RLLDIDETEYH	210	18758
>ERBB2-H87:EYHADGGKV	71	>ERBB2-H87:EYHADGGKV	139	68
>ERBB2-H87:EYHADGGKV	419	>ERBB2-H87:EYHADGGKV	412	7
>ERBB2-H87:EYHADGGK	723	>ERBB2-H87:EYHADGGK	225	498
>ERBB2-H87:TEYHADGGK	44	>ERBB2-H87:TEYHADGGK	46	2
>ERBB2-H87:TEYHADGGK	840	>ERBB2-H87:TEYHADGGK	390	450
>ERBB2-H87:TEYHADGGK	448	>ERBB2-H87:TEYHADGGK	107	341
>ERBB2-H87:ETEYHADGGI	132	>ERBB2-H87:ETEYHADGGI	88	44
>ERBB2-H87:ETEYHADGGI	135	>ERBB2-H87:ETEYHADGGI	84	51
>ERBB2-H87:DETEYHAD	20	>ERBB2-H87:DETEYHAD	24	4
>ERBB2-H87:DIDETEYH	18099	>ERBB2-H87:DIDETEYH	81	18018
>ERBB2-H87:DIDETEYHA	4020	>ERBB2-H87:DIDETEYHA	378	3642



>ERBB2-H87: DIDETEYHA	1119	>ERBB2-H87: DIDETEYHA	248	871
>ERBB2-H87: DIDETEYH	18134	>ERBB2-H87: DIDETEYH	413	17721
>ERBB2-H87: LDIDETEYH	13967	>ERBB2-H87: LDIDETEYH	183	13784
>ERBB2-H87: LLDIDETEYH	9921	>ERBB2-H87: LLDIDETEYH	41	9880
>ERBB2-H87: LLDIDETEYHA	489	>ERBB2-H87: LLDIDETEYHA	104	385
>ERBB2-H87: LLDIDETEYHA	388	>ERBB2-H87: LLDIDETEYHA	86	302
>ERBB2-H87: LLDIDETEYHA	698	>ERBB2-H87: LLDIDETEYHA	485	213
>ERBB2-H87: LLDIDETEYHA	60	>ERBB2-H87: LLDIDETEYHA	14	46
>ERBB2-H87: LLDIDETEYHA	82	>ERBB2-H87: LLDIDETEYHA	37	45
>ERBB2-H87: LLDIDETEYHA	29	>ERBB2-H87: LLDIDETEYHA	21	8
>ERBB2-H87: LLDIDETEYHA	1370	>ERBB2-H87: LLDIDETEYHA	120	1250
>ERBB2-H87: LLDIDETEYHA	23	>ERBB2-H87: LLDIDETEYHA	13	10
>ERBB2-I767 ILDEAYVM	111	>ERBB2-I767 MLDEAYVM	36	75
>ERBB2-I767 ILDEAYVMA	38	>ERBB2-I767 MLDEAYVMA	16	22
>ERBB2-I767 ILDEAYVMAC	11	>ERBB2-I767 MLDEAYVMAC	8	3
>ERBB2-I767 ILDEAYVM	192	>ERBB2-I767 MLDEAYVM	39	153
>ERBB2-I767 ILDEAYVMA	44	>ERBB2-I767 MLDEAYVMA	10	34
>ERBB2-I767 ILDEAYVMAC	6	>ERBB2-I767 MLDEAYVMAC	3	3
>ERBB2-I767 ILDEAYVMA	172	>ERBB2-I767 MLDEAYVMA	43	129
>ERBB2-I767 ILDEAYVMAC	11	>ERBB2-I767 MLDEAYVMAC	6	5
>ERBB2-I767 ILDEAYVM	334	>ERBB2-I767 MLDEAYVM	101	233
>ERBB2-I767 ILDEAYVMA	44	>ERBB2-I767 MLDEAYVMA	16	28
>ERBB2-I767 ILDEAYVMAC	7	>ERBB2-I767 MLDEAYVMAC	4	3
>ERBB2-I767 ILDEAYVM	17	>ERBB2-I767 MLDEAYVM	9	8
>ERBB2-I767 ILDEAYVMA	6	>ERBB2-I767 MLDEAYVMA	4	2
>ERBB2-I767 ILDEAYVMAC	137	>ERBB2-I767 MLDEAYVMAC	58	79
>ERBB2-I767 ILDEAYVMAC	2	>ERBB2-I767 MLDEAYVMAC	1	1
>ERBB2-I767 ILDEAYVM	31	>ERBB2-I767 MLDEAYVM	14	17
>ERBB2-I767 ILDEAYVMA	63	>ERBB2-I767 MLDEAYVMA	26	37
>ERBB2-I767 ILDEAYVMAC	3	>ERBB2-I767 MLDEAYVMAC	3	0
>ERBB2-I767 ILDEAYVM	76	>ERBB2-I767 MLDEAYVM	41	35
>ERBB2-I767 ILDEAYVMA	11	>ERBB2-I767 MLDEAYVMA	8	3
>ERBB2-I767 ILDEAYVMAC	4	>ERBB2-I767 MLDEAYVMAC	4	0
>ERBB2-I767 ILDEAYVM	31	>ERBB2-I767 MLDEAYVM	24	7
>ERBB2-I767 ILDEAYVMA	43	>ERBB2-I767 MLDEAYVMA	25	18
>ERBB2-I767 ILDEAYVMAC	3	>ERBB2-I767 MLDEAYVMAC	2	1
>ERBB2-I767 ILDEAYVM	77	>ERBB2-I767 MLDEAYVM	23	54
>ERBB2-I767 ILDEAYVMA	8	>ERBB2-I767 MLDEAYVMA	4	4
>ERBB2-I767 ILDEAYVMAC	2	>ERBB2-I767 MLDEAYVMAC	2	0
>ERBB2-I767 ILDEAYVMAC	2104	>ERBB2-I767 MLDEAYVMAC	68	2036
>ERBB2-I767 ILDEAYVM	5244	>ERBB2-I767 MLDEAYVM	457	4787
>ERBB2-I767 ILDEAYVMA	1743	>ERBB2-I767 MLDEAYVMA	73	1670
>ERBB2-I767 ILDEAYVMAC	45	>ERBB2-I767 MLDEAYVMAC	6	39

>ERBB2-I767 ILDEAYVM	1677	>ERBB2-I767 MLDEAYVM	150	1527
>ERBB2-I767 ILDEAYVM	4425	>ERBB2-I767 MLDEAYVM	299	4126
>ERBB2-I767 EILDEAYV	659	>ERBB2-I767 EMLDEAYV	40	619
>ERBB2-I767 EILDEAYVMA	2907	>ERBB2-I767 EMLDEAYVM	384	2523
>ERBB2-I767 EILDEAYV	471	>ERBB2-I767 EMLDEAYV	50	421
>ERBB2-I767 EILDEAYV	2587	>ERBB2-I767 EMLDEAYV	298	2289
>ERBB2-I767 EILDEAYV	100	>ERBB2-I767 EMLDEAYV	38	62
>ERBB2-I767 EILDEAYV	11	>ERBB2-I767 EMLDEAYV	2	9
>ERBB2-I767 EILDEAYVM	3049	>ERBB2-I767 EMLDEAYVM	61	2988
>ERBB2-I767 EILDEAYVMA	994	>ERBB2-I767 EMLDEAYVM	18	976
>ERBB2-I767 EILDEAYV	83	>ERBB2-I767 EMLDEAYV	4	79
>ERBB2-I767 EILDEAYVM	5039	>ERBB2-I767 EMLDEAYVM	46	4993
>ERBB2-I767 EILDEAYVMA	7812	>ERBB2-I767 EMLDEAYVM	168	7644
>ERBB2-I767 EILDEAYV	24	>ERBB2-I767 EMLDEAYV	5	19
>ERBB2-I767 EILDEAYVMA	2004	>ERBB2-I767 EMLDEAYVM	52	1952
>ERBB2-I767 EILDEAYV	5	>ERBB2-I767 EMLDEAYV	2	3
>ERBB2-I767 EILDEAYVM	362	>ERBB2-I767 EMLDEAYVM	13	349
>ERBB2-I767 EILDEAYVMA	635	>ERBB2-I767 EMLDEAYVM	21	614
>ERBB2-I767 EILDEAYV	11	>ERBB2-I767 EMLDEAYV	3	8
>ERBB2-I767 EILDEAYVMA	2189	>ERBB2-I767 EMLDEAYVM	53	2136
>ERBB2-I767 EILDEAYVM	39	>ERBB2-I767 EMLDEAYVM	363	324
>ERBB2-I767 EILDEAYV	34	>ERBB2-I767 EMLDEAYV	287	253
>ERBB2-I767 EILDEAYV	5	>ERBB2-I767 EMLDEAYV	7	2
>ERBB2-I767 EILDEAYVM	33	>ERBB2-I767 EMLDEAYVM	73	40
>ERBB2-I767 EILDEAYVMA	16	>ERBB2-I767 EMLDEAYVM	30	14
>ERBB2-I767 EILDEAYVM	550	>ERBB2-I767 EMLDEAYVM	265	285
>ERBB2-I767 EILDEAYVM	1323	>ERBB2-I767 EMLDEAYVM	98	1225
>ERBB2-I767 KEILDEAYV	1524	>ERBB2-I767 KEMLDEAYV	424	1100
>ERBB2-I767 KEILDEAYV	841	>ERBB2-I767 KEMLDEAYV	393	448
>ERBB2-I767 KEILDEAY	256	>ERBB2-I767 KEMLDEAY	229	27
>ERBB2-I767 KEILDEAYV	310	>ERBB2-I767 KEMLDEAYV	534	224
>ERBB2-I767 KEILDEAYVM	163	>ERBB2-I767 KEMLDEAYVI	215	52
>ERBB2-I767 KEILDEAYVM	289	>ERBB2-I767 KEMLDEAYVI	161	128
>ERBB2-I767 KEILDEAY	363	>ERBB2-I767 KEMLDEAY	177	186
>ERBB2-I767 KEILDEAY	273	>ERBB2-I767 KEMLDEAY	278	5
>ERBB2-I767 KEILDEAYV	536	>ERBB2-I767 KEMLDEAYV	160	376
>ERBB2-I767 KEILDEAYVM	50	>ERBB2-I767 KEMLDEAYVI	20	30
>ERBB2-I767 KEILDEAYV	32	>ERBB2-I767 KEMLDEAYV	17	15
>ERBB2-I767 KEILDEAYVM	15	>ERBB2-I767 KEMLDEAYVI	15	0
>ERBB2-I767 KEILDEAYVM	468	>ERBB2-I767 KEMLDEAYVI	121	347
>ERBB2-I767 NKEILDEAYVI	676	>ERBB2-I767 NKEMLDEAY'	466	210
>ERBB2-I767 KANKEILDEA'	126	>ERBB2-I767 KANKEMLDE	98	28
>ERBB2-I767 KANKEILDEA'	385	>ERBB2-I767 KANKEMLDE	204	181

>ERBB2-I767 KANKEILDEA'	255	>ERBB2-I767 KANKEMLDE,	252	3
>ERBB2-I767 KANKEILDEA'	293	>ERBB2-I767 KANKEMLDE,	315	22
>ERBB2-I767 KANKEILDEA'	140	>ERBB2-I767 KANKEMLDE,	96	44
>ERBB2-I767 KANKEILDEA'	200	>ERBB2-I767 KANKEMLDE,	222	22
>ERBB2-I767 KANKEILDEA'	86	>ERBB2-I767 KANKEMLDE,	121	35
>ERBB2-I767 KANKEILDEA'	473	>ERBB2-I767 KANKEMLDE,	577	104
>ERBB2-I767 SPKANKEI	133	>ERBB2-I767 SPKANKEM	30	103
>ERBB2-I767 SPKANKEIL	187	>ERBB2-I767 SPKANKEML	113	74
>ERBB2-I767 SPKANKEI	741	>ERBB2-I767 SPKANKEM	138	603
>ERBB2-I767 SPKANKEIL	193	>ERBB2-I767 SPKANKEML	238	45
>ERBB2-I767 TSPKANKEI	54	>ERBB2-I767 TSPKANKEM	24	30
>ERBB2-I767 TSPKANKEIL	9	>ERBB2-I767 TSPKANKEMI	10	1
>ERBB2-I767 TSPKANKEI	159	>ERBB2-I767 TSPKANKEM	3710	3551
>ERBB2-I767 NTSPKANKEI	171	>ERBB2-I767 NTSPKANKEN	69	102
>ERBB2-I767 NTSPKANKEI	994	>ERBB2-I767 NTSPKANKEN	125	869
>ERBB2-I767 NTSPKANKEI	2148	>ERBB2-I767 NTSPKANKEN	76	2072
>ERBB2-I829 IAKGMSYL	44	>ERBB2-I829 TAKGMSYL	367	323
>ERBB2-I829 QIAKGMSY	6943	>ERBB2-I829 QTAKGMSY	132	6811
>ERBB2-I829 QIAKGMSYL	27	>ERBB2-I829 QTAKGMSYL	111	84
>ERBB2-I829 QIAKGMSYL	49	>ERBB2-I829 QTAKGMSYL	381	332
>ERBB2-I829 QIAKGMSYL	96	>ERBB2-I829 QTAKGMSYL	350	254
>ERBB2-I829 QIAKGMSY	138	>ERBB2-I829 QTAKGMSY	36	102
>ERBB2-I829 QIAKGMSYL	703	>ERBB2-I829 QTAKGMSYL	150	553
>ERBB2-I829 QIAKGMSY	188	>ERBB2-I829 QTAKGMSY	28	160
>ERBB2-I829 QIAKGMSYL	540	>ERBB2-I829 QTAKGMSYL	67	473
>ERBB2-I829 QIAKGMSY	141	>ERBB2-I829 QTAKGMSY	30	111
>ERBB2-I829 QIAKGMSYL	54	>ERBB2-I829 QTAKGMSYL	9	45
>ERBB2-I829 QIAKGMSY	2283	>ERBB2-I829 QTAKGMSY	243	2040
>ERBB2-I829 QIAKGMSY	86	>ERBB2-I829 QTAKGMSY	47	39
>ERBB2-I829 QIAKGMSY	126	>ERBB2-I829 QTAKGMSY	65	61
>ERBB2-I829 QIAKGMSY	2979	>ERBB2-I829 QTAKGMSY	464	2515
>ERBB2-I829 QIAKGMSYL	68	>ERBB2-I829 QTAKGMSYL	17	51
>ERBB2-I829 QIAKGMSYL	166	>ERBB2-I829 QTAKGMSYL	53	113
>ERBB2-I829 QIAKGMSY	41	>ERBB2-I829 QTAKGMSY	26	15
>ERBB2-I829 QIAKGMSY	125	>ERBB2-I829 QTAKGMSY	142	17
>ERBB2-I829 QIAKGMSY	126	>ERBB2-I829 QTAKGMSY	509	383
>ERBB2-I829 QIAKGMSY	785	>ERBB2-I829 QTAKGMSY	365	420
>ERBB2-I829 QIAKGMSY	1362	>ERBB2-I829 QTAKGMSY	7	1355
>ERBB2-I829 QIAKGMSYL	3297	>ERBB2-I829 QTAKGMSYL	10	3287
>ERBB2-I829 QIAKGMSYL	10741	>ERBB2-I829 QTAKGMSYL	99	10642
>ERBB2-I829 QIAKGMSY	985	>ERBB2-I829 QTAKGMSY	40	945
>ERBB2-I829 QIAKGMSYL	221	>ERBB2-I829 QTAKGMSYL	8	213
>ERBB2-I829 QIAKGMSY	399	>ERBB2-I829 QTAKGMSY	1093	694

>ERBB2-I829 QIAKGMSYL	11675	>ERBB2-I829 QTAKGMSYL	314	11361
>ERBB2-I829 SQDLLNWCM	99	>ERBB2-I829 SQDLLNWCM	1115	1016
>ERBB2-I829 MQIAKGMSY	41	>ERBB2-I829 MQTAKGMS'	97	56
>ERBB2-I829 MQIAKGMSY	34	>ERBB2-I829 MQTAKGMS'	85	51
>ERBB2-I829 MQIAKGMSY	145	>ERBB2-I829 MQTAKGMS'	884	739
>ERBB2-I829 MQIAKGMSY	336	>ERBB2-I829 MQTAKGMS'	1105	769
>ERBB2-I829 MQIAKGMSY	76	>ERBB2-I829 MQTAKGMS'	275	199
>ERBB2-I829 MQIAKGMSY	380	>ERBB2-I829 MQTAKGMS'	465	85
>ERBB2-I829 MQIAKGMSY	89	>ERBB2-I829 MQTAKGMS'	109	20
>ERBB2-I829 MQIAKGMSY	35	>ERBB2-I829 MQTAKGMS'	59	24
>ERBB2-I829 MQIAKGMSY	81	>ERBB2-I829 MQTAKGMS'	1024	943
>ERBB2-I829 MQIAKGMSY	62	>ERBB2-I829 MQTAKGMS'	65	3
>ERBB2-I829 MQIAKGMSY	3	>ERBB2-I829 MQTAKGMS'	5	2
>ERBB2-I829 MQIAKGMSY	12	>ERBB2-I829 MQTAKGMS'	46	34
>ERBB2-I829 MQIAKGMSY	62	>ERBB2-I829 MQTAKGMS'	482	420
>ERBB2-I829 MQIAKGMSY	183	>ERBB2-I829 MQTAKGMS'	432	249
>ERBB2-I829 MQIAKGMSY	1062	>ERBB2-I829 MQTAKGMS'	149	913
>ERBB2-I829 CMQIAKGMS	370	>ERBB2-I829 CMQTAKGM!	218	152
>ERBB2-I829 CMQIAKGMS	508	>ERBB2-I829 CMQTAKGM!	283	225
>ERBB2-I829 CMQIAKGMS	205	>ERBB2-I829 CMQTAKGM!	295	90
>ERBB2-I829 CMQIAKGMS	419	>ERBB2-I829 CMQTAKGM!	222	197
>ERBB2-I829 CMQIAKGMS	153	>ERBB2-I829 CMQTAKGM!	156	3
>ERBB2-I829 CMQIAKGMS	322	>ERBB2-I829 CMQTAKGM!	223	99
>ERBB2-I829 CMQIAKGMS	581	>ERBB2-I829 CMQTAKGM!	488	93
>ERBB2-I829 CMQIAKGMS	189	>ERBB2-I829 CMQTAKGM!	269	80
>ERBB2-I829 CMQIAKGMS	132	>ERBB2-I829 CMQTAKGM!	128	4
>ERBB2-I829 CMQIAKGMS	247	>ERBB2-I829 CMQTAKGM!	217	30
>ERBB2-I829 CMQIAKGMS	221	>ERBB2-I829 CMQTAKGM!	98	123
>ERBB2-I829 WCMQIAKGM	585	>ERBB2-I829 WCMQTAKG	395	190
>ERBB2-I829 WCMQIAKGM	247	>ERBB2-I829 WCMQTAKG	114	133
>ERBB2-I829 WCMQIAKGM	398	>ERBB2-I829 WCMQTAKG	507	109
>ERBB2-I829 WCMQIAKGM	104	>ERBB2-I829 WCMQTAKG	132	28
>ERBB2-I829 WCMQIAKGM	38	>ERBB2-I829 WCMQTAKG	41	3
>ERBB2-I829 NWCMQIAK	117	>ERBB2-I829 NWCMQTAK	185	68
>ERBB2-I829 LLNWCMQI	39	>ERBB2-I829 LLNWCMQT	827	788
>ERBB2-I829 LLNWCMQIA	274	>ERBB2-I829 LLNWCMQT/	85	189
>ERBB2-I829 LLNWCMQI	23	>ERBB2-I829 LLNWCMQT	413	390
>ERBB2-I829 LLNWCMQIA	59	>ERBB2-I829 LLNWCMQT/	40	19
>ERBB2-I829 LLNWCMQI	8	>ERBB2-I829 LLNWCMQT	72	64
>ERBB2-I829 LLNWCMQIA	10	>ERBB2-I829 LLNWCMQT/	8	2
>ERBB2-I829 LLNWCMQI	9	>ERBB2-I829 LLNWCMQT	153	144
>ERBB2-I829 LLNWCMQIA	154	>ERBB2-I829 LLNWCMQT/	17	137
>ERBB2-I829 LLNWCMQI	145	>ERBB2-I829 LLNWCMQT	7956	7811

>ERBB2-I829 LLNWCMQIA	583	>ERBB2-I829 LLNWCMQT/	90	493
>ERBB2-I829 LLNWCMQI	39	>ERBB2-I829 LLNWCMQT	1131	1092
>ERBB2-I829 LLNWCMQIA	387	>ERBB2-I829 LLNWCMQT/	82	305
>ERBB2-I829 LLNWCMQI	29	>ERBB2-I829 LLNWCMQT	1128	1099
>ERBB2-I829 LLNWCMQIA	1206	>ERBB2-I829 LLNWCMQT/	214	992
>ERBB2-I829 LLNWCMQI	4	>ERBB2-I829 LLNWCMQT	10	6
>ERBB2-I829 LLNWCMQIA	7	>ERBB2-I829 LLNWCMQT/	4	3
>ERBB2-I829 LLNWCMQIA	660	>ERBB2-I829 LLNWCMQT/	410	250
>ERBB2-I829 LLNWCMQIA	33	>ERBB2-I829 LLNWCMQT/	38	5
>ERBB2-I829 LLNWCMQIA	128	>ERBB2-I829 LLNWCMQT/	260	132
>ERBB2-I829 LLNWCMQIA	238	>ERBB2-I829 LLNWCMQT/	387	149
>ERBB2-I829 DLLNWCMQI	842	>ERBB2-I829 DLLNWCMQ	237	605
>ERBB2-I829 DLLNWCMQI	1048	>ERBB2-I829 DLLNWCMQ	465	583
>ERBB2-I829 DLLNWCMQI	534	>ERBB2-I829 DLLNWCMQ	174	360
>ERBB2-I829 DLLNWCMQI	27	>ERBB2-I829 DLLNWCMQ	962	935
>ERBB2-I829 DLLNWCMQI	791	>ERBB2-I829 DLLNWCMQ	106	685
>ERBB2-I829 DLLNWCMQI	462	>ERBB2-I829 DLLNWCMQ	9376	8914
>ERBB2-I829 DLLNWCMQI	2206	>ERBB2-I829 DLLNWCMQ	413	1793
>ERBB2-I829 DLLNWCMQI	43	>ERBB2-I829 DLLNWCMQ	1510	1467
>ERBB2-I829 DLLNWCMQI	413	>ERBB2-I829 DLLNWCMQ	124	289
>ERBB2-I829 DLLNWCMQI	19	>ERBB2-I829 DLLNWCMQ	394	375
>ERBB2-I829 DLLNWCMQI	467	>ERBB2-I829 DLLNWCMQ	134	333
>ERBB2-I829 DLLNWCMQI	25	>ERBB2-I829 DLLNWCMQ	376	351
>ERBB2-I829 DLLNWCMQI	191	>ERBB2-I829 DLLNWCMQ	42	149
>ERBB2-I829 DLLNWCMQI	125	>ERBB2-I829 DLLNWCMQ	109	16
>ERBB2-I829 DLLNWCMQI	24	>ERBB2-I829 DLLNWCMQ	637	613
>ERBB2-I829 DLLNWCMQI	1014	>ERBB2-I829 DLLNWCMQ	328	686
>ERBB2-I829 QDLLNWCMQ	53	>ERBB2-I829 QDLLNWCMQ	11488	11435
>ERBB2-I829 QDLLNWCMQ	60	>ERBB2-I829 QDLLNWCMQ	5077	5017
>ERBB2-K724 KVLGSGAFGT	294	>ERBB2-K724 NVLGSGAFGT	2643	2349
>ERBB2-K724 KVLGSGAFGT	123	>ERBB2-K724 NVLGSGAFGT	330	207
>ERBB2-K724 KVLGSGAFGT	9	>ERBB2-K724 NVLGSGAFGT	33	24
>ERBB2-K724 KVLGSGAFGT	12	>ERBB2-K724 NVLGSGAFGT	87	75
>ERBB2-K724 KVLGSGAFGT	78	>ERBB2-K724 NVLGSGAFGT	472	394
>ERBB2-K724 KVLGSGAFGT	28	>ERBB2-K724 NVLGSGAFGT	269	241
>ERBB2-K724 KVLGSGAFGT	176	>ERBB2-K724 NVLGSGAFGT	245	69
>ERBB2-K724 KVLGSGAFGT	15	>ERBB2-K724 NVLGSGAFGT	80	65
>ERBB2-K724 KVLGSGAF	540	>ERBB2-K724 NVLGSGAF	183	357
>ERBB2-K724 KVLGSGAFG	103	>ERBB2-K724 NVLGSGAFG	9898	9795
>ERBB2-K724 KVLGSGAFGT	76	>ERBB2-K724 NVLGSGAFGT	8421	8345
>ERBB2-K724 KVLGSGAF	32	>ERBB2-K724 NVLGSGAF	3519	3487
>ERBB2-K724 KVLGSGAFGT	3297	>ERBB2-K724 NVLGSGAFGT	46	3251
>ERBB2-K724 KVLGSGAFGT	4491	>ERBB2-K724 NVLGSGAFGT	250	4241

>ERBB2-K724KVLGSGAFGT	324	>ERBB2-K724NVLGSGAF	12	312
>ERBB2-K724KVLGSGAF	172	>ERBB2-K724NVLGSGAF	575	403
>ERBB2-K724KVLGSGAF	345	>ERBB2-K724NVLGSGAF	69	276
>ERBB2-K724KVLGSGAF	165	>ERBB2-K724NVLGSGAF	1910	1745
>ERBB2-K724KVLGSGAF	16	>ERBB2-K724NVLGSGAF	1038	1022
>ERBB2-K724KVLGSGAF	763	>ERBB2-K724NVLGSGAF	102	661
>ERBB2-K724KVLGSGAF	476	>ERBB2-K724NVLGSGAF	17838	17362
>ERBB2-K724VKVLGSGAF	16	>ERBB2-K724VNVLGSGAF	2067	2051
>ERBB2-K724ILKETELRKVK	368	>ERBB2-K724ILKETELRKVN	21375	21007
>ERBB2-K724ILKETELRKVK	114	>ERBB2-K724ILKETELRKVN	12109	11995
>ERBB2-K724KVKVLGSGA	898	>ERBB2-K724KVNVLGSGA	488	410
>ERBB2-K724KVKVLGSG	79	>ERBB2-K724KVNVLGSG	2298	2219
>ERBB2-K724KVKVLGSGA	23	>ERBB2-K724KVNVLGSGA	702	679
>ERBB2-K724KVKVLGSGAF	258	>ERBB2-K724KVNVLGSGAF	4809	4551
>ERBB2-K724KVKVLGSGAF	20	>ERBB2-K724KVNVLGSGAF	361	341
>ERBB2-K724KVKVLGSGAF	1062	>ERBB2-K724KVNVLGSGAF	155	907
>ERBB2-K724KVKVLGSGAF	67	>ERBB2-K724KVNVLGSGAF	86	19
>ERBB2-K724KVKVLGSGAF	305	>ERBB2-K724KVNVLGSGAF	387	82
>ERBB2-K724KVKVLGSGAF	127	>ERBB2-K724KVNVLGSGAF	135	8
>ERBB2-K724KVKVLGSGAF	8930	>ERBB2-K724KVNVLGSGAF	450	8480
>ERBB2-K724KVKVLGSGAF	389	>ERBB2-K724KVNVLGSGAF	578	189
>ERBB2-K724RKVKVLGSGA	6	>ERBB2-K724RKNVLGSGA	5	1
>ERBB2-K724ELRKVKVL	97	>ERBB2-K724ELRKVNVL	184	87
>ERBB2-K724TELRKVKVL	19	>ERBB2-K724TELRKVNVL	48	29
>ERBB2-K724TELRKVKVL	209	>ERBB2-K724TELRKVNVL	105	104
>ERBB2-K724TELRKVKVL	302	>ERBB2-K724TELRKVNVL	152	150
>ERBB2-K724EELRKVK	74	>ERBB2-K724EELRKVN	15298	15224
>ERBB2-K724EELRKVKV	690	>ERBB2-K724EELRKVNV	358	332
>ERBB2-K724KETELRKVKV	170	>ERBB2-K724KETELRKVNV	145	25
>ERBB2-K724KETELRKVKV	105	>ERBB2-K724KETELRKVNV	286	181
>ERBB2-K724KETELRKVKV	93	>ERBB2-K724KETELRKVNV	56	37
>ERBB2-K724KETELRKVKV	439	>ERBB2-K724KETELRKVNV	397	42
>ERBB2-K724KETELRKVKV	58	>ERBB2-K724KETELRKVNV	38	20
>ERBB2-K724KETELRKVKV	86	>ERBB2-K724KETELRKVNV	57	29
>ERBB2-L49F LYQGCQVV	326	>ERBB2-L49F HYQGCQVV	235	91
>ERBB2-L49F LYQGCQVV	148	>ERBB2-L49F HYQGCQVV	1110	962
>ERBB2-L49F LYQGCQVV	63	>ERBB2-L49F HYQGCQVV	67	4
>ERBB2-L49F LYQGCQVVQ	488	>ERBB2-L49F HYQGCQVVC	524	36
>ERBB2-L49F LYQGCQVVQ	2391	>ERBB2-L49F HYQGCQVVC	275	2116
>ERBB2-L49F HLYQGCQV	85	>ERBB2-L49F HHYQGCQV	22025	21940
>ERBB2-L49F HLYQGCQVV	191	>ERBB2-L49F HHYQGCQVV	21089	20898
>ERBB2-L49F HLYQGCQV	31	>ERBB2-L49F HHYQGCQV	13797	13766
>ERBB2-L49F HLYQGCQVV	117	>ERBB2-L49F HHYQGCQVV	16770	16653

>ERBB2-L49F HLYQGCQV	9	>ERBB2-L49F HHYQGCQV	15228	15219
>ERBB2-L49F HLYQGCQVV	10	>ERBB2-L49F HHYQGCQVV	16708	16698
>ERBB2-L49F HLYQGCQV	99	>ERBB2-L49F HHYQGCQV	14903	14804
>ERBB2-L49F HLYQGCQVV	161	>ERBB2-L49F HHYQGCQVV	12810	12649
>ERBB2-L49F HLYQGCQV	2	>ERBB2-L49F HHYQGCQV	3914	3912
>ERBB2-L49F HLYQGCQVV	5	>ERBB2-L49F HHYQGCQVV	9249	9244
>ERBB2-L49F HLYQGCQV	14	>ERBB2-L49F HHYQGCQV	18449	18435
>ERBB2-L49F HLYQGCQVV	19	>ERBB2-L49F HHYQGCQVV	19022	19003
>ERBB2-L49F HLYQGCQV	5	>ERBB2-L49F HHYQGCQV	4882	4877
>ERBB2-L49F HLYQGCQVV	7	>ERBB2-L49F HHYQGCQVV	10413	10406
>ERBB2-L49F HLYQGCQV	12	>ERBB2-L49F HHYQGCQV	20910	20898
>ERBB2-L49F HLYQGCQVV	29	>ERBB2-L49F HHYQGCQVV	20350	20321
>ERBB2-L49F HLYQGCQV	2	>ERBB2-L49F HHYQGCQV	2134	2132
>ERBB2-L49F HLYQGCQVV	2	>ERBB2-L49F HHYQGCQVV	4995	4993
>ERBB2-L49F HLYQGCQVV	55	>ERBB2-L49F HHYQGCQVV	33662	33607
>ERBB2-L49F HLYQGCQV	88	>ERBB2-L49F HHYQGCQV	13287	13199
>ERBB2-L49F HLYQGCQVV	381	>ERBB2-L49F HHYQGCQVV	17495	17114
>ERBB2-L49F HLYQGCQV	442	>ERBB2-L49F HHYQGCQV	8799	8357
>ERBB2-L49F HLYQGCQVV	231	>ERBB2-L49F HHYQGCQVV	5077	4846
>ERBB2-L49F HLYQGCQVV	442	>ERBB2-L49F HHYQGCQVV	318	124
>ERBB2-L49F HLYQGCQV	6987	>ERBB2-L49F HHYQGCQV	89	6898
>ERBB2-L49F HLYQGCQVV	5331	>ERBB2-L49F HHYQGCQVV	63	5268
>ERBB2-L49F HLYQGCQVV	8575	>ERBB2-L49F HHYQGCQVV	116	8459
>ERBB2-L49F HLYQGCQV	11595	>ERBB2-L49F HHYQGCQV	396	11199
>ERBB2-L49F HLYQGCQVV	3246	>ERBB2-L49F HHYQGCQVV	68	3178
>ERBB2-L49F RHLYQGCQV	272	>ERBB2-L49F RHHYQGCQV	282	10
>ERBB2-L49F RHLYQGCQV	145	>ERBB2-L49F RHHYQGCQV	155	10
>ERBB2-L49F LRHLYQGCQV	1271	>ERBB2-L49F LRHHYQGCQ	332	939
>ERBB2-L49F LRHLYQGCQV	740	>ERBB2-L49F LRHHYQGCQ	177	563
>ERBB2-L49F MLRHLYQGC	61	>ERBB2-L49F MLRHHYQGC	40	21
>ERBB2-L49F MLRHLYQGC	1140	>ERBB2-L49F MLRHHYQGC	240	900
>ERBB2-L49F MLRHLYQGC	8	>ERBB2-L49F MLRHHYQGC	5	3
>ERBB2-L49F MLRHLYQGC	7	>ERBB2-L49F MLRHHYQGC	7	0
>ERBB2-L49F MLRHLYQGC	83	>ERBB2-L49F MLRHHYQGC	79	4
>ERBB2-L49F MLRHLYQGC	25	>ERBB2-L49F MLRHHYQGC	54	29
>ERBB2-L49F MLRHLYQGC	474	>ERBB2-L49F MLRHHYQGC	822	348
>ERBB2-L49F MLRHLYQGC	124	>ERBB2-L49F MLRHHYQGC	81	43
>ERBB2-L49F MLRHLYQGC	2	>ERBB2-L49F MLRHHYQGC	2	0
>ERBB2-L49F MLRHLYQGC	388	>ERBB2-L49F MLRHHYQGC	137	251
>ERBB2-L49F MLRHLYQGC	28	>ERBB2-L49F MLRHHYQGC	20	8
>ERBB2-L49F MLRHLYQGC	814	>ERBB2-L49F MLRHHYQGC	109	705
>ERBB2-L49F MLRHLYQGC	3327	>ERBB2-L49F MLRHHYQGC	275	3052
>ERBB2-L49F MLRHLYQGC	153	>ERBB2-L49F MLRHHYQGC	40	113

>ERBB2-L49F MLRHLYQGC	296	>ERBB2-L49F MLRHLYQGC	175	121
>ERBB2-L49F DMLRHLYQG	489	>ERBB2-L49F DMLRHLYQG	657	168
>ERBB2-L49F LDMLRHLY	284	>ERBB2-L49F LDMLRHLY	1029	745
>ERBB2-L49F HLDMLRHLY	10	>ERBB2-L49F HLDMLRHLY	19	9
>ERBB2-L49F HLDMLRHL	399	>ERBB2-L49F HLDMLRHL	23952	23553
>ERBB2-L49F HLDMLRHL	234	>ERBB2-L49F HLDMLRHL	24541	24307
>ERBB2-L49F HLDMLRHL	321	>ERBB2-L49F HLDMLRHL	24131	23810
>ERBB2-L49F HLDMLRHL	175	>ERBB2-L49F HLDMLRHL	24037	23862
>ERBB2-L49F HLDMLRHL	55	>ERBB2-L49F HLDMLRHL	23526	23471
>ERBB2-L49F HLDMLRHLYC	857	>ERBB2-L49F HLDMLRHLYC	197	660
>ERBB2-L49F HLDMLRHLY	143	>ERBB2-L49F HLDMLRHLY	568	425
>ERBB2-L49F HLDMLRHLY	46	>ERBB2-L49F HLDMLRHLY	47	1
>ERBB2-L49F HLDMLRHLY	19	>ERBB2-L49F HLDMLRHLY	27	8
>ERBB2-L49F HLDMLRHLY	33	>ERBB2-L49F HLDMLRHLY	58	25
>ERBB2-L49F ETHLDMLRHI	90	>ERBB2-L49F ETHLDMLRHI	269	179
>ERBB2-L49F ETHLDMLRHI	288	>ERBB2-L49F ETHLDMLRHI	269	19
>ERBB2-L49F ETHLDMLRHI	50	>ERBB2-L49F ETHLDMLRHI	87	37
>ERBB2-L49F ETHLDMLRHI	7	>ERBB2-L49F ETHLDMLRHI	20	13
>ERBB2-L49F ETHLDMLRHI	7	>ERBB2-L49F ETHLDMLRHI	3	4
>ERBB2-L49F ETHLDMLRHI	378	>ERBB2-L49F ETHLDMLRHI	1572	1194
>ERBB2-L49F ETHLDMLRHI	27	>ERBB2-L49F ETHLDMLRHI	25	2
>ERBB2-L49F ETHLDMLRHI	69	>ERBB2-L49F ETHLDMLRHI	198	129
>ERBB2-L49F ETHLDMLRHI	171	>ERBB2-L49F ETHLDMLRHI	168	3
>ERBB2-L49F ETHLDMLRHI	56	>ERBB2-L49F ETHLDMLRHI	113	57
>ERBB2-L49F ETHLDMLRHI	243	>ERBB2-L49F ETHLDMLRHI	418	175
>ERBB2-L49F ETHLDMLRHI	253	>ERBB2-L49F ETHLDMLRHI	9105	8852
>ERBB2-L49F ETHLDMLRHI	65	>ERBB2-L49F ETHLDMLRHI	50	15
>ERBB2-L49F ETHLDMLRHI	341	>ERBB2-L49F ETHLDMLRHI	2130	1789
>ERBB2-L755 VLRENTSPKA	61	>ERBB2-L755 VLRENTSPKA	24152	24091
>ERBB2-L755 VLRENTSPKA	249	>ERBB2-L755 VLRENTSPKA	24476	24227
>ERBB2-L755 VLRENTSPKA	206	>ERBB2-L755 VLRENTSPKA	25422	25216
>ERBB2-L755 VLRENTSPKA	7	>ERBB2-L755 VLRENTSPKA	30998	30991
>ERBB2-L755 VLRENTSPK	42	>ERBB2-L755 VLRENTSPK	10733	10691
>ERBB2-L755 VLRENTSPK	11	>ERBB2-L755 VLRENTSPK	3069	3058
>ERBB2-L755 VLRENTSPKA	142	>ERBB2-L755 VLRENTSPKA	11674	11532
>ERBB2-L755 VLRENTSPK	12187	>ERBB2-L755 VLRENTSPK	67	12120
>ERBB2-L755 VLRENTSPKA	31002	>ERBB2-L755 VLRENTSPKA	293	30709
>ERBB2-L755 KVLRENTSPK	450	>ERBB2-L755 KVLRENTSPK	2176	1726
>ERBB2-L755 KVLRENTSPK	30	>ERBB2-L755 KVLRENTSPK	135	105
>ERBB2-L755 KVLRENTSPK	113	>ERBB2-L755 KVLRENTSPK	276	163
>ERBB2-L755 KVLRENTSPK	6	>ERBB2-L755 KVLRENTSPK	36	30
>ERBB2-L755 KVLRENTSPK	42	>ERBB2-L755 KVLRENTSPK	707	665
>ERBB2-L755 IKVLRENTSPK	421	>ERBB2-L755 IKVLRENTSPK	136	285



>ERBB2-L755 PVAIKVLR	316	>ERBB2-L755 PVAIKVPR	650	334
>ERBB2-L755 PVAIKVLR	719	>ERBB2-L755 PVAIKVPR	465	254
>ERBB2-L755 IPVAIKVL	54	>ERBB2-L755 IPVAIKVP	37240	37186
>ERBB2-L755 IPVAIKVLR	125	>ERBB2-L755 IPVAIKVPR	402	277
>ERBB2-L755 IPVAIKVL	70	>ERBB2-L755 IPVAIKVP	21792	21722
>ERBB2-L755 IPVAIKVL	399	>ERBB2-L755 IPVAIKVP	10656	10257
>ERBB2-L755 IPVAIKVL	293	>ERBB2-L755 IPVAIKVP	10181	9888
>ERBB2-L755 IPVAIKVL	2098	>ERBB2-L755 IPVAIKVP	257	1841
>ERBB2-L755 IPVAIKVLR	232	>ERBB2-L755 IPVAIKVPR	115	117
>ERBB2-L755 IPVAIKVL	245	>ERBB2-L755 IPVAIKVP	16044	15799
>ERBB2-L755 IPVAIKVLR	109	>ERBB2-L755 IPVAIKVPR	41	68
>ERBB2-L755 KIPVAIKVLR	31	>ERBB2-L755 KIPVAIKVPR	27	4
>ERBB2-L755 KIPVAIKVLR	64	>ERBB2-L755 KIPVAIKVPR	95	31
>ERBB2-L755 KIPVAIKVL	82	>ERBB2-L755 KIPVAIKVP	9841	9759
>ERBB2-L755 KIPVAIKVLR	440	>ERBB2-L755 KIPVAIKVPR	1257	817
>ERBB2-L755 KIPVAIKVLR	32	>ERBB2-L755 KIPVAIKVPR	20	12
>ERBB2-L755 VKIPVAIKVL	67	>ERBB2-L755 VKIPVAIKVP	2344	2277
>ERBB2-L755 VKIPVAIKVLR	1945	>ERBB2-L755 VKIPVAIKVPR	448	1497
>ERBB2-L755 VLRENTSPKA	61	>ERBB2-L755 VSRENTSPKA	16955	16894
>ERBB2-L755 VLRENTSPKA	249	>ERBB2-L755 VSRENTSPKA	22621	22372
>ERBB2-L755 VLRENTSPKA	206	>ERBB2-L755 VSRENTSPKA	22165	21959
>ERBB2-L755 VLRENTSPKA	7	>ERBB2-L755 VSRENTSPKA	25836	25829
>ERBB2-L755 VLRENTSPK	42	>ERBB2-L755 VSRENTSPK	134	92
>ERBB2-L755 VLRENTSPK	1206	>ERBB2-L755 VSRENTSPK	282	924
>ERBB2-L755 VLRENTSPK	11	>ERBB2-L755 VSRENTSPK	5	6
>ERBB2-L755 VLRENTSPKA	142	>ERBB2-L755 VSRENTSPKA	27	115
>ERBB2-L755 KVLRENTSPK	450	>ERBB2-L755 KVSRENTSPK	2508	2058
>ERBB2-L755 KVLRENTSPK	30	>ERBB2-L755 KVSRENTSPK	43	13
>ERBB2-L755 KVLRENTSPK	113	>ERBB2-L755 KVSRENTSPK	81	32
>ERBB2-L755 KVLRENTSPK	6	>ERBB2-L755 KVSRENTSPK	8	2
>ERBB2-L755 KVLRENTSPK	42	>ERBB2-L755 KVSRENTSPK	92	50
>ERBB2-L755 IKVLRENTSP	1539	>ERBB2-L755 IKVSRENTSP	333	1206
>ERBB2-L755 IKVLRENTSPK	421	>ERBB2-L755 IKVSRENTSPK	93	328
>ERBB2-L755 PVAIKVLR	316	>ERBB2-L755 PVAIKVSR	613	297
>ERBB2-L755 IPVAIKVL	54	>ERBB2-L755 IPVAIKVS	29869	29815
>ERBB2-L755 IPVAIKVLR	125	>ERBB2-L755 IPVAIKVSR	382	257
>ERBB2-L755 IPVAIKVL	70	>ERBB2-L755 IPVAIKVS	15793	15723
>ERBB2-L755 IPVAIKVL	399	>ERBB2-L755 IPVAIKVS	2642	2243
>ERBB2-L755 IPVAIKVL	293	>ERBB2-L755 IPVAIKVS	14170	13877
>ERBB2-L755 IPVAIKVL	2098	>ERBB2-L755 IPVAIKVS	145	1953
>ERBB2-L755 IPVAIKVLR	232	>ERBB2-L755 IPVAIKVSR	700	468
>ERBB2-L755 IPVAIKVL	245	>ERBB2-L755 IPVAIKVS	5143	4898
>ERBB2-L755 IPVAIKVLR	109	>ERBB2-L755 IPVAIKVSR	248	139

>ERBB2-L755 KIPVAIKVLR	31	>ERBB2-L755 KIPVAIKVSR	44	13
>ERBB2-L755 KIPVAIKVLR	64	>ERBB2-L755 KIPVAIKVSR	239	175
>ERBB2-L755 KIPVAIKVL	82	>ERBB2-L755 KIPVAIKVS	6627	6545
>ERBB2-L755 KIPVAIKVLR	440	>ERBB2-L755 KIPVAIKVSR	1281	841
>ERBB2-L755 KIPVAIKVLR	32	>ERBB2-L755 KIPVAIKVSR	33	1
>ERBB2-L755 VKIPVAIKVL	67	>ERBB2-L755 VKIPVAIKVS	2541	2474
>ERBB2-L869 LLDIDETEY	115	>ERBB2-L869 QLDIDETEY	580	465
>ERBB2-L869 LLDIDETEYHA	489	>ERBB2-L869 QLDIDETEYH	2490	2001
>ERBB2-L869 LLDIDETEYHA	388	>ERBB2-L869 QLDIDETEYH	1471	1083
>ERBB2-L869 LLDIDETEYHA	60	>ERBB2-L869 QLDIDETEYH	444	384
>ERBB2-L869 LLDIDETEYHA	82	>ERBB2-L869 QLDIDETEYH	424	342
>ERBB2-L869 LLDIDETEYHA	29	>ERBB2-L869 QLDIDETEYH	246	217
>ERBB2-L869 LLDIDETEYHA	23	>ERBB2-L869 QLDIDETEYH	372	349
>ERBB2-L869 LLDIDETEY	509	>ERBB2-L869 QLDIDETEY	485	24
>ERBB2-L869 RLLDIDET	170	>ERBB2-L869 RQLDIDET	3676	3506
>ERBB2-L869 RLLDIDET	260	>ERBB2-L869 RQLDIDET	7625	7365
>ERBB2-L869 RLLDIDET	131	>ERBB2-L869 RQLDIDET	45	86
>ERBB2-L869 RLLDIDET	19	>ERBB2-L869 RQLDIDET	2288	2269
>ERBB2-L869 RLLDIDET	200	>ERBB2-L869 RQLDIDET	5593	5393
>ERBB2-L869 RLLDIDET	79	>ERBB2-L869 RQLDIDET	7734	7655
>ERBB2-L869 RLLDIDET	207	>ERBB2-L869 RQLDIDET	13459	13252
>ERBB2-L869 RLLDIDET	54	>ERBB2-L869 RQLDIDET	26562	26508
>ERBB2-L869 RLLDIDETEY	234	>ERBB2-L869 RQLDIDETEY	162	72
>ERBB2-L869 RLLDIDETE	454	>ERBB2-L869 RQLDIDETE	1398	944
>ERBB2-L869 RLLDIDETEY	322	>ERBB2-L869 RQLDIDETEY	1009	687
>ERBB2-L869 RLLDIDETEY	71	>ERBB2-L869 RQLDIDETEY	975	904
>ERBB2-L869 RLLDIDETEY	301	>ERBB2-L869 RQLDIDETEY	108	193
>ERBB2-L869 RLLDIDETEY	297	>ERBB2-L869 RQLDIDETEY	13	284
>ERBB2-L869 RLLDIDETEY	161	>ERBB2-L869 RQLDIDETEY	1669	1508
>ERBB2-L869 VKITDFGLARI	450	>ERBB2-L869 VKITDFGLARI	8883	8433
>ERBB2-L869 ARLLDIDETEY	265	>ERBB2-L869 ARQLDIDETE	791	526
>ERBB2-L869 GLARLLDI	392	>ERBB2-L869 GLARQLDI	1359	967
>ERBB2-L869 GLARLLDI	71	>ERBB2-L869 GLARQLDI	179	108
>ERBB2-L869 GLARLLDIDE	84	>ERBB2-L869 GLARQLDIDE	159	75
>ERBB2-L869 GLARLLDI	32	>ERBB2-L869 GLARQLDI	84	52
>ERBB2-L869 GLARLLDIDE	418	>ERBB2-L869 GLARQLDIDE	543	125
>ERBB2-L869 GLARLLDI	252	>ERBB2-L869 GLARQLDI	554	302
>ERBB2-L869 GLARLLDI	149	>ERBB2-L869 GLARQLDI	241	92
>ERBB2-L869 GLARLLDI	49	>ERBB2-L869 GLARQLDI	83	34
>ERBB2-L869 GLARLLDIDE	492	>ERBB2-L869 GLARQLDIDE	843	351
>ERBB2-L869 GLARLLDI	39	>ERBB2-L869 GLARQLDI	42	3
>ERBB2-L869 GLARLLDIDE	399	>ERBB2-L869 GLARQLDIDE	274	125
>ERBB2-L869 FGLARLLDI	464	>ERBB2-L869 FGLARQLDI	616	152

>ERBB2-L869TDFGLARLL	323	>ERBB2-L869TDFGLARQL	869	546
>ERBB2-L869TDFGLARLLD	122	>ERBB2-L869TDFGLARQLL	280	158
>ERBB2-L869TDFGLARLL	253	>ERBB2-L869TDFGLARQL	216	37
>ERBB2-L869TDFGLARLLD	487	>ERBB2-L869TDFGLARQLL	565	78
>ERBB2-L869TDFGLARLLD	389	>ERBB2-L869TDFGLARQLL	1015	626
>ERBB2-L869TDFGLARLL	361	>ERBB2-L869TDFGLARQL	1442	1081
>ERBB2-L869TDFGLARLLD	85	>ERBB2-L869TDFGLARQLL	73	12
>ERBB2-L869ITDFGLARL	5	>ERBB2-L869ITDFGLARQ	640	635
>ERBB2-L869ITDFGLARLL	21	>ERBB2-L869ITDFGLARQL	8	13
>ERBB2-L869ITDFGLARLL	222	>ERBB2-L869ITDFGLARQL	1013	791
>ERBB2-L869ITDFGLARL	56	>ERBB2-L869ITDFGLARQ	1112	1056
>ERBB2-L869ITDFGLARLL	374	>ERBB2-L869ITDFGLARQL	2052	1678
>ERBB2-L869KITDFGLARL	89	>ERBB2-L869KITDFGLARQ	13576	13487
>ERBB2-L869KITDFGLARLL	207	>ERBB2-L869KITDFGLARQ	310	103
>ERBB2-L869KITDFGLARL	106	>ERBB2-L869KITDFGLARQ	13625	13519
>ERBB2-L869KITDFGLARL	486	>ERBB2-L869KITDFGLARQ	18182	17696
>ERBB2-L869KITDFGLARLL	427	>ERBB2-L869KITDFGLARQ	791	364
>ERBB2-L869KITDFGLARL	118	>ERBB2-L869KITDFGLARQ	9786	9668
>ERBB2-L869KITDFGLARLL	667	>ERBB2-L869KITDFGLARQ	387	280
>ERBB2-L869KITDFGLARL	18	>ERBB2-L869KITDFGLARQ	1539	1521
>ERBB2-L869KITDFGLARLL	292	>ERBB2-L869KITDFGLARQ	135	157
>ERBB2-L869KITDFGLARLL	543	>ERBB2-L869KITDFGLARQ	273	270
>ERBB2-L869KITDFGLARL	441	>ERBB2-L869KITDFGLARQ	16200	15759
>ERBB2-N31!PLHNQEVTA	149	>ERBB2-N31!PLHDQEVTA	27	122
>ERBB2-N31!CPLHNQEV	469	>ERBB2-N31!CPLHDQEV	602	133
>ERBB2-N31!CPLHNQEV	289	>ERBB2-N31!CPLHDQEV	737	448
>ERBB2-N31!CPLHNQEVTA	106	>ERBB2-N31!CPLHDQEVTA	89	17
>ERBB2-N31!LVCPLHNQEV	459	>ERBB2-N31!LVCPLHDQEV	542	83
>ERBB2-N31!LVCPLHNQEV	139	>ERBB2-N31!LVCPLHDQEV	170	31
>ERBB2-N31!LVCPLHNQEV	11	>ERBB2-N31!LVCPLHDQEV	17	6
>ERBB2-N31!TLVCPLHNQE	57	>ERBB2-N31!TLVCPLHDQE	121	64
>ERBB2-N31!TLVCPLHNQE	24	>ERBB2-N31!TLVCPLHDQE	50	26
>ERBB2-N31!TLVCPLHNQE	13	>ERBB2-N31!TLVCPLHDQE	22	9
>ERBB2-N31!TLVCPLHNQE	50	>ERBB2-N31!TLVCPLHDQE	68	18
>ERBB2-N31!TLVCPLHNQE	6	>ERBB2-N31!TLVCPLHDQE	9	3
>ERBB2-N31!TLVCPLHNQE	9	>ERBB2-N31!TLVCPLHDQE	9	0
>ERBB2-N31!TLVCPLHNQE	38	>ERBB2-N31!TLVCPLHDQE	34	4
>ERBB2-N31!TLVCPLHNQE	59	>ERBB2-N31!TLVCPLHDQE	189	130
>ERBB2-N31!TLVCPLHNQE	4	>ERBB2-N31!TLVCPLHDQE	4	0
>ERBB2-N31!TLVCPLHNQE	58	>ERBB2-N31!TLVCPLHDQE	89	31
>ERBB2-N31!TLVCPLHNQE	42	>ERBB2-N31!TLVCPLHDQE	165	123
>ERBB2-N74!NVKIPVAIK	129	>ERBB2-N74!DVKIPVAIK	787	658
>ERBB2-N74!NVKIPVAIK	172	>ERBB2-N74!DVKIPVAIK	140	32

>ERBB2-N74!NVKIPVAI	253	>ERBB2-N74!DVKIPVAI	579	326
>ERBB2-N74!NVKIPVAIKV	115	>ERBB2-N74!DVKIPVAIKV	314	199
>ERBB2-N74!NVKIPVAIKV	407	>ERBB2-N74!DVKIPVAIKV	453	46
>ERBB2-N74!ENVKIPVAI	144	>ERBB2-N74!EDVKIPVAI	1056	912
>ERBB2-N74!ENVKIPVAIKV	90	>ERBB2-N74!EDVKIPVAIKV	591	501
>ERBB2-N74!GENVKIPVAI	279	>ERBB2-N74!GEDVKIPVAI	784	505
>ERBB2-N74!GENVKIPV	246	>ERBB2-N74!GEDVKIPV	140	106
>ERBB2-N74!GENVKIPV	89	>ERBB2-N74!GEDVKIPV	664	575
>ERBB2-N74!GENVKIPVA	120	>ERBB2-N74!GEDVKIPVA	741	621
>ERBB2-N74!GENVKIPVAI	160	>ERBB2-N74!GEDVKIPVAI	191	31
>ERBB2-N74!GENVKIPV	106	>ERBB2-N74!GEDVKIPV	1165	1059
>ERBB2-N74!GENVKIPVA	24	>ERBB2-N74!GEDVKIPVA	151	127
>ERBB2-N74!GENVKIPVA	372	>ERBB2-N74!GEDVKIPVA	1277	905
>ERBB2-N74!GENVKIPVAI	23	>ERBB2-N74!GEDVKIPVAI	18	5
>ERBB2-N74!PDGENVKI	273	>ERBB2-N74!PDGEDVKI	330	57
>ERBB2-N74!IPDGENVKIPV	314	>ERBB2-N74!IPDGEDVKIPV	524	210
>ERBB2-N74!IPDGENVKI	67	>ERBB2-N74!IPDGEDVKI	46	21
>ERBB2-N74!IPDGENVKIPV	279	>ERBB2-N74!IPDGEDVKIPV	328	49
>ERBB2-N74!WIPDGENV	333	>ERBB2-N74!WIPDGEDV	1610	1277
>ERBB2-N74!WIPDGENV	110	>ERBB2-N74!WIPDGEDV	466	356
>ERBB2-N74!WIPDGENV	117	>ERBB2-N74!WIPDGEDV	275	158
>ERBB2-N74!WIPDGENV	32	>ERBB2-N74!WIPDGEDV	106	74
>ERBB2-N74!WIPDGENV	57	>ERBB2-N74!WIPDGEDV	119	62
>ERBB2-N74!WIPDGENV	136	>ERBB2-N74!WIPDGEDV	797	661
>ERBB2-N74!WIPDGENV	6	>ERBB2-N74!WIPDGEDV	8	2
>ERBB2-N74!WIPDGENVKI	140	>ERBB2-N74!WIPDGEDVKI	226	86
>ERBB2-N74!WIPDGENV	95	>ERBB2-N74!WIPDGEDV	537	442
>ERBB2-N74!IWIPDGENVK	95	>ERBB2-N74!IWIPDGEDVK	132	37
>ERBB2-N74!IWIPDGENVK	338	>ERBB2-N74!IWIPDGEDVK	560	222
>ERBB2-N74!IWIPDGENVK	135	>ERBB2-N74!IWIPDGEDVK	176	41
>ERBB2-N74!GIWIPDGENV	21	>ERBB2-N74!GIWIPDGEDV	65	44
>ERBB2-N74!GIWIPDGENV	27	>ERBB2-N74!GIWIPDGEDV	49	22
>ERBB2-N74!GIWIPDGENV	50	>ERBB2-N74!GIWIPDGEDV	69	19
>ERBB2-N85!NHVKITDF	388	>ERBB2-N85!SHVKITDF	117	271
>ERBB2-N85!NHVKITDFGL	86	>ERBB2-N85!SHVKITDFGL	216	130
>ERBB2-N85!AARNVLVKSF	835	>ERBB2-N85!AARNVLVKSF	196	639
>ERBB2-N85!SPNHVKITDF	80	>ERBB2-N85!SPSHVKITDF	138	58
>ERBB2-N85!SPNHVKITDF	104	>ERBB2-N85!SPSHVKITDF	114	10
>ERBB2-N85!SPNHVKITDF	365	>ERBB2-N85!SPSHVKITDF	308	57
>ERBB2-N85!SPNHVKITDF	199	>ERBB2-N85!SPSHVKITDF	282	83
>ERBB2-N85!KSPNHVKI	43	>ERBB2-N85!KSPSHVKI	80	37
>ERBB2-N85!KSPNHVKITD	90	>ERBB2-N85!KSPSHVKITDf	165	75
>ERBB2-N85!KSPNHVKITD	100	>ERBB2-N85!KSPSHVKITDf	75	25

>ERBB2-N85`KSPNHVKITD	111	>ERBB2-N85`KSPSHVKITDI	81	30
>ERBB2-N85`KSPNHVKI	73	>ERBB2-N85`KSPSHVKI	56	17
>ERBB2-N85`KSPNHVKIT	518	>ERBB2-N85`KSPSHVKIT	105	413
>ERBB2-N85`KSPNHVKITD	23	>ERBB2-N85`KSPSHVKITDI	10	13
>ERBB2-N85`KSPNHVKI	68	>ERBB2-N85`KSPSHVKI	54	14
>ERBB2-N85`VKSPNHVK	636	>ERBB2-N85`VKSPSHVK	259	377
>ERBB2-N85`VKSPNHVKI	102	>ERBB2-N85`VKSPSHVKI	35	67
>ERBB2-N85`LVKSPNHV	131	>ERBB2-N85`LVKSPSHV	45	86
>ERBB2-N85`LVKSPNHV	85	>ERBB2-N85`LVKSPSHV	37	48
>ERBB2-N85`LVKSPNHVK	649	>ERBB2-N85`LVKSPSHVK	218	431
>ERBB2-N85`LVKSPNHVK	138	>ERBB2-N85`LVKSPSHVK	98	40
>ERBB2-N85`LVKSPNHV	193	>ERBB2-N85`LVKSPSHV	181	12
>ERBB2-N85`LVKSPNHVK	14	>ERBB2-N85`LVKSPSHVK	10	4
>ERBB2-N85`LVKSPNHVKI	139	>ERBB2-N85`LVKSPSHVKI	89	50
>ERBB2-N85`LVKSPNHVK	224	>ERBB2-N85`LVKSPSHVK	252	28
>ERBB2-N85`LVKSPNHVK	158	>ERBB2-N85`LVKSPSHVK	222	64
>ERBB2-N85`LVKSPNHV	379	>ERBB2-N85`LVKSPSHV	474	95
>ERBB2-N85`VLVKSPNHV	443	>ERBB2-N85`VLVKSPSHV	436	7
>ERBB2-N85`VLVKSPNHV	52	>ERBB2-N85`VLVKSPSHV	98	46
>ERBB2-N85`VLVKSPNHVK	410	>ERBB2-N85`VLVKSPSHVK	451	41
>ERBB2-N85`VLVKSPNHV	10	>ERBB2-N85`VLVKSPSHV	6	4
>ERBB2-N85`VLVKSPNHVK	170	>ERBB2-N85`VLVKSPSHVK	102	68
>ERBB2-N85`VLVKSPNHV	184	>ERBB2-N85`VLVKSPSHV	216	32
>ERBB2-N85`VLVKSPNHV	8	>ERBB2-N85`VLVKSPSHV	5	3
>ERBB2-N85`VLVKSPNHVK	39	>ERBB2-N85`VLVKSPSHVK	37	2
>ERBB2-N85`VLVKSPNHV	9	>ERBB2-N85`VLVKSPSHV	10	1
>ERBB2-N85`VLVKSPNHVK	207	>ERBB2-N85`VLVKSPSHVK	345	138
>ERBB2-N85`VLVKSPNHV	12	>ERBB2-N85`VLVKSPSHV	9	3
>ERBB2-N85`VLVKSPNHVK	223	>ERBB2-N85`VLVKSPSHVK	169	54
>ERBB2-N85`VLVKSPNHV	104	>ERBB2-N85`VLVKSPSHV	58	46
>ERBB2-N85`VLVKSPNHV	6	>ERBB2-N85`VLVKSPSHV	4	2
>ERBB2-N85`VLVKSPNHVK	34	>ERBB2-N85`VLVKSPSHVK	26	8
>ERBB2-N85`VLVKSPNHVK	422	>ERBB2-N85`VLVKSPSHVK	200	222
>ERBB2-N85`VLVKSPNHVK	403	>ERBB2-N85`VLVKSPSHVK	305	98
>ERBB2-N85`VLVKSPNHV	618	>ERBB2-N85`VLVKSPSHV	359	259
>ERBB2-N85`VLVKSPNHVK	770	>ERBB2-N85`VLVKSPSHVK	479	291
>ERBB2-N85`NVLVKSPNH	368	>ERBB2-N85`NVLVKSPSHV	135	233
>ERBB2-N85`NVLVKSPNH	483	>ERBB2-N85`NVLVKSPSHV	364	119
>ERBB2-N85`NVLVKSPNH	546	>ERBB2-N85`NVLVKSPSHV	362	184
>ERBB2-N85`NVLVKSPNH	1034	>ERBB2-N85`NVLVKSPSHV	457	577
>ERBB2-N85`NVLVKSPNH	229	>ERBB2-N85`NVLVKSPSHV	188	41
>ERBB2-N85`NVLVKSPNH	336	>ERBB2-N85`NVLVKSPSHV	413	77
>ERBB2-N85`NVLVKSPNH	34	>ERBB2-N85`NVLVKSPSHV	38	4

>ERBB2-N85: ARNVLVKSPN	496	>ERBB2-N85: ARNVLVKSPS	436	60
>ERBB2-Q79: QLMPYGCL	210	>ERBB2-Q79: PLMPYGCL	2689	2479
>ERBB2-Q79: QLMPYGCLL	24	>ERBB2-Q79: PLMPYGCLL	429	405
>ERBB2-Q79: QLMPYGCL	26	>ERBB2-Q79: PLMPYGCL	245	219
>ERBB2-Q79: QLMPYGCLL	6	>ERBB2-Q79: PLMPYGCLL	31	25
>ERBB2-Q79: QLMPYGCL	171	>ERBB2-Q79: PLMPYGCL	2098	1927
>ERBB2-Q79: QLMPYGCLL	35	>ERBB2-Q79: PLMPYGCLL	813	778
>ERBB2-Q79: QLMPYGCL	460	>ERBB2-Q79: PLMPYGCL	7694	7234
>ERBB2-Q79: QLMPYGCLL	36	>ERBB2-Q79: PLMPYGCLL	1760	1724
>ERBB2-Q79: QLMPYGCL	118	>ERBB2-Q79: PLMPYGCL	349	231
>ERBB2-Q79: QLMPYGCLL	16	>ERBB2-Q79: PLMPYGCLL	38	22
>ERBB2-Q79: QLMPYGCL	120	>ERBB2-Q79: PLMPYGCL	1695	1575
>ERBB2-Q79: QLMPYGCLL	32	>ERBB2-Q79: PLMPYGCLL	549	517
>ERBB2-Q79: QLMPYGCLL	120	>ERBB2-Q79: PLMPYGCLL	164	44
>ERBB2-Q79: QLMPYGCL	81	>ERBB2-Q79: PLMPYGCL	174	93
>ERBB2-Q79: QLMPYGCLL	36	>ERBB2-Q79: PLMPYGCLL	69	33
>ERBB2-Q79: QLMPYGCL	36	>ERBB2-Q79: PLMPYGCL	100	64
>ERBB2-Q79: QLMPYGCLL	4	>ERBB2-Q79: PLMPYGCLL	11	7
>ERBB2-Q79: TQLMPYGCLI	241	>ERBB2-Q79: TPLMPYGCLL	9727	9486
>ERBB2-Q79: TQLMPYGCL	24266	>ERBB2-Q79: TPLMPYGCL	434	23832
>ERBB2-Q79: TQLMPYGCLI	16523	>ERBB2-Q79: TPLMPYGCLL	89	16434
>ERBB2-Q79: TQLMPYGCLI	267	>ERBB2-Q79: TPLMPYGCLL	8904	8637
>ERBB2-Q79: TQLMPYGCLI	35030	>ERBB2-Q79: TPLMPYGCLL	219	34811
>ERBB2-Q79: TQLMPYGCLI	340	>ERBB2-Q79: TPLMPYGCLL	870	530
>ERBB2-Q79: TQLMPYGCLI	21309	>ERBB2-Q79: TPLMPYGCLL	360	20949
>ERBB2-Q79: TQLMPYGCL	21669	>ERBB2-Q79: TPLMPYGCL	385	21284
>ERBB2-Q79: CLTSTVQLVTI	417	>ERBB2-Q79: CLTSTVQLVTI	11705	11288
>ERBB2-Q79: VTQLMPYGC	1050	>ERBB2-Q79: VTPLMPYGC	471	579
>ERBB2-Q79: VTQLMPYGC	32	>ERBB2-Q79: VTPLMPYGC	467	435
>ERBB2-Q79: VTQLMPYGC	9173	>ERBB2-Q79: VTPLMPYGC	52	9121
>ERBB2-Q79: VTQLMPYGC	1404	>ERBB2-Q79: VTPLMPYGC	4	1400
>ERBB2-Q79: VTQLMPYGC	144	>ERBB2-Q79: VTPLMPYGC	2	142
>ERBB2-Q79: VTQLMPYGC	92	>ERBB2-Q79: VTPLMPYGC	238	146
>ERBB2-Q79: VTQLMPYGC	351	>ERBB2-Q79: VTPLMPYGC	3454	3103
>ERBB2-Q79: VTQLMPYGC	1092	>ERBB2-Q79: VTPLMPYGC	484	608
>ERBB2-Q79: LVTQLMPY	1447	>ERBB2-Q79: LVTPLMPY	444	1003
>ERBB2-Q79: LVTQLMPY	33	>ERBB2-Q79: LVTPLMPY	58	25
>ERBB2-Q79: LVTQLMPY	30	>ERBB2-Q79: LVTPLMPY	19	11
>ERBB2-Q79: LVTQLMPY	244	>ERBB2-Q79: LVTPLMPY	216	28
>ERBB2-Q79: LVTQLMPY	42	>ERBB2-Q79: LVTPLMPY	59	17
>ERBB2-Q79: LVTQLMPY	228	>ERBB2-Q79: LVTPLMPY	217	11
>ERBB2-Q79: LVTQLMPY	148	>ERBB2-Q79: LVTPLMPY	42	106
>ERBB2-Q79: LVTQLMPY	84	>ERBB2-Q79: LVTPLMPY	81	3

>ERBB2-Q79:LVTQLMPY	444	>ERBB2-Q79:LVTPLMPY	590	146
>ERBB2-Q79:QLVTQLMPY	449	>ERBB2-Q79:QLVTPLMPY	1104	655
>ERBB2-Q79:QLVTQLMPY	23	>ERBB2-Q79:QLVTPLMPY	16	7
>ERBB2-Q79:QLVTQLMPY	1197	>ERBB2-Q79:QLVTPLMPY	231	966
>ERBB2-Q79:QLVTQLMPY	45	>ERBB2-Q79:QLVTPLMPY	55	10
>ERBB2-Q79:QLVTQLMPY	26	>ERBB2-Q79:QLVTPLMPY	101	75
>ERBB2-Q79:QLVTQLMPY	117	>ERBB2-Q79:QLVTPLMPY	134	17
>ERBB2-Q79:QLVTQLMPY	268	>ERBB2-Q79:QLVTPLMPY	87	181
>ERBB2-Q79:QLVTQLMPY	90	>ERBB2-Q79:QLVTPLMPY	54	36
>ERBB2-Q79:VQLVTQLM	275	>ERBB2-Q79:VQLVTPLM	162	113
>ERBB2-Q79:VQLVTQLMP	709	>ERBB2-Q79:VQLVTPLMP	418	291
>ERBB2-Q79:VQLVTQLMP	71	>ERBB2-Q79:VQLVTPLMP	87	16
>ERBB2-Q79:VQLVTQLMP	67	>ERBB2-Q79:VQLVTPLMP	83	16
>ERBB2-Q79:VQLVTQLMP	216	>ERBB2-Q79:VQLVTPLMP	143	73
>ERBB2-Q79:VQLVTQLM	35	>ERBB2-Q79:VQLVTPLM	47	12
>ERBB2-Q79:VQLVTQLMP	4	>ERBB2-Q79:VQLVTPLMP	4	0
>ERBB2-Q79:TVQLVTQLM	57	>ERBB2-Q79:TVQLVTPLM	33	24
>ERBB2-Q79:TVQLVTQLM	145	>ERBB2-Q79:TVQLVTPLM	86	59
>ERBB2-Q79:TVQLVTQLM	88	>ERBB2-Q79:TVQLVTPLM	72	16
>ERBB2-Q79:TVQLVTQL	403	>ERBB2-Q79:TVQLVTPL	99	304
>ERBB2-Q79:TVQLVTQLM	48	>ERBB2-Q79:TVQLVTPLM	92	44
>ERBB2-Q79:TVQLVTQLM	364	>ERBB2-Q79:TVQLVTPLM	391	27
>ERBB2-Q79:TVQLVTQLM	485	>ERBB2-Q79:TVQLVTPLM	527	42
>ERBB2-Q79:STVQLVTQL	869	>ERBB2-Q79:STVQLVTPL	43	826
>ERBB2-Q79:STVQLVTQL	1080	>ERBB2-Q79:STVQLVTPL	417	663
>ERBB2-Q79:STVQLVTQL	335	>ERBB2-Q79:STVQLVTPL	174	161
>ERBB2-Q79:STVQLVTQL	713	>ERBB2-Q79:STVQLVTPL	199	514
>ERBB2-Q79:STVQLVTQL	846	>ERBB2-Q79:STVQLVTPL	120	726
>ERBB2-Q79:STVQLVTQ	455	>ERBB2-Q79:STVQLVTP	8705	8250
>ERBB2-Q79:STVQLVTQL	49	>ERBB2-Q79:STVQLVTPL	29	20
>ERBB2-Q79:STVQLVTQLM	18	>ERBB2-Q79:STVQLVTPLM	11	7
>ERBB2-Q79:STVQLVTQL	2048	>ERBB2-Q79:STVQLVTPL	363	1685
>ERBB2-Q79:STVQLVTQLM	109	>ERBB2-Q79:STVQLVTPLM	162	53
>ERBB2-Q79:STVQLVTQL	235	>ERBB2-Q79:STVQLVTPL	64	171
>ERBB2-Q79:STVQLVTQL	195	>ERBB2-Q79:STVQLVTPL	30	165
>ERBB2-Q79:STVQLVTQLM	430	>ERBB2-Q79:STVQLVTPLM	940	510
>ERBB2-Q79:STVQLVTQL	239	>ERBB2-Q79:STVQLVTPL	70	169
>ERBB2-Q79:STVQLVTQLM	558	>ERBB2-Q79:STVQLVTPLM	134	424
>ERBB2-Q79:STVQLVTQL	5	>ERBB2-Q79:STVQLVTPL	6	1
>ERBB2-Q79:STVQLVTQLM	17	>ERBB2-Q79:STVQLVTPLM	15	2
>ERBB2-Q79:STVQLVTQLM	530	>ERBB2-Q79:STVQLVTPLM	395	135
>ERBB2-Q79:STVQLVTQL	227	>ERBB2-Q79:STVQLVTPL	176	51
>ERBB2-Q79:STVQLVTQLM	82	>ERBB2-Q79:STVQLVTPLM	43	39

>ERBB2-Q79!STVQLVTQL	16	>ERBB2-Q79!STVQLVTPL	89	73
>ERBB2-Q79!STVQLVTQLM	28	>ERBB2-Q79!STVQLVTPLM	25	3
>ERBB2-Q79!STVQLVTQL	408	>ERBB2-Q79!STVQLVTPL	1006	598
>ERBB2-Q79!TSTVQLVTQL	46	>ERBB2-Q79!TSTVQLVTPL	53	7
>ERBB2-Q79!TSTVQLVTQL	267	>ERBB2-Q79!TSTVQLVTPLI	212	55
>ERBB2-Q79!TSTVQLVTQL	236	>ERBB2-Q79!TSTVQLVTPLI	114	122
>ERBB2-Q79!TSTVQLVTQL	453	>ERBB2-Q79!TSTVQLVTPL	942	489
>ERBB2-Q79!TSTVQLVTQL	192	>ERBB2-Q79!TSTVQLVTPLI	240	48
>ERBB2-Q79!LTSTVQLVTQ	123	>ERBB2-Q79!LTSTVQLVTPI	79	44
>ERBB2-Q79!LTSTVQLVTQ	821	>ERBB2-Q79!LTSTVQLVTPI	330	491
>ERBB2-Q79!LTSTVQLVTQ	268	>ERBB2-Q79!LTSTVQLVTPI	54	214
>ERBB2-Q79!LTSTVQLVTQ	35	>ERBB2-Q79!LTSTVQLVTPI	39	4
>ERBB2-Q79!LTSTVQLVTQ	49	>ERBB2-Q79!LTSTVQLVTPI	173	124
>ERBB2-Q79!LTSTVQLVTQ	157	>ERBB2-Q79!LTSTVQLVTPI	118	39
>ERBB2-Q79!LTSTVQLVTQ	29	>ERBB2-Q79!LTSTVQLVTPI	113	84
>ERBB2-Q79!LTSTVQLVTQ	367	>ERBB2-Q79!LTSTVQLVTPI	664	297
>ERBB2-R78!RLLGICLT	229	>ERBB2-R78!CLLGICLT	886	657
>ERBB2-R78!RLLGICLTST	73	>ERBB2-R78!CLLGICLTST	209	136
>ERBB2-R78!RLLGICLTSTV	15	>ERBB2-R78!CLLGICLTSTV	29	14
>ERBB2-R78!RLLGICLTST	207	>ERBB2-R78!CLLGICLTST	391	184
>ERBB2-R78!RLLGICLTSTV	29	>ERBB2-R78!CLLGICLTSTV	96	67
>ERBB2-R78!RLLGICLTST	52	>ERBB2-R78!CLLGICLTST	124	72
>ERBB2-R78!RLLGICLTSTV	13	>ERBB2-R78!CLLGICLTSTV	68	55
>ERBB2-R78!RLLGICLT	310	>ERBB2-R78!CLLGICLT	2317	2007
>ERBB2-R78!RLLGICLTST	87	>ERBB2-R78!CLLGICLTST	205	118
>ERBB2-R78!RLLGICLTSTV	19	>ERBB2-R78!CLLGICLTSTV	111	92
>ERBB2-R78!RLLGICLT	35	>ERBB2-R78!CLLGICLT	281	246
>ERBB2-R78!RLLGICLTST	95	>ERBB2-R78!CLLGICLTST	977	882
>ERBB2-R78!RLLGICLTSTV	2	>ERBB2-R78!CLLGICLTSTV	4	2
>ERBB2-R78!RLLGICLTSTV	5	>ERBB2-R78!CLLGICLTSTV	9	4
>ERBB2-R78!RLLGICLT	112	>ERBB2-R78!CLLGICLT	1155	1043
>ERBB2-R78!RLLGICLTST	401	>ERBB2-R78!CLLGICLTST	3960	3559
>ERBB2-R78!RLLGICLTSTV	5	>ERBB2-R78!CLLGICLTSTV	10	5
>ERBB2-R78!RLLGICLTSTV	2	>ERBB2-R78!CLLGICLTSTV	2	0
>ERBB2-R78!RLLGICLT	30	>ERBB2-R78!CLLGICLT	96	66
>ERBB2-R78!RLLGICLTST	34	>ERBB2-R78!CLLGICLTST	157	123
>ERBB2-R78!RLLGICLTSTV	2	>ERBB2-R78!CLLGICLTSTV	3	1
>ERBB2-R78!RLLGICLTS	163	>ERBB2-R78!CLLGICLTS	10290	10127
>ERBB2-R78!RLLGICLTST	360	>ERBB2-R78!CLLGICLTST	13741	13381
>ERBB2-R78!RLLGICLTSTV	23	>ERBB2-R78!CLLGICLTSTV	1454	1431
>ERBB2-R78!RLLGICLTSTV	241	>ERBB2-R78!CLLGICLTSTV	3167	2926
>ERBB2-R78!SRLLGICL	123	>ERBB2-R78!SCLLGICL	22703	22580
>ERBB2-R78!SRLLGICL	132	>ERBB2-R78!SCLLGICL	9572	9440



>ERBB2-R78^MAGVGSPYV	51	>ERBB2-R78^MAGVGSPYV	21329	21278
>ERBB2-R78^MAGVGSPYV	374	>ERBB2-R78^MAGVGSPYV	36707	36333
>ERBB2-R78^MAGVGSPYV	61	>ERBB2-R78^MAGVGSPYV	31549	31488
>ERBB2-R78^VSRLLGICL	67	>ERBB2-R78^VSCLLGICL	524	457
>ERBB2-R78^YVSRLLGI	264	>ERBB2-R78^YVSCLLGI	67	197
>ERBB2-R78^YVSRLLGI	139	>ERBB2-R78^YVSCLLGI	41	98
>ERBB2-R78^YVSRLLGICL	335	>ERBB2-R78^YVSCLLGICL	177	158
>ERBB2-R78^YVSRLLGI	27	>ERBB2-R78^YVSCLLGI	16	11
>ERBB2-R78^YVSRLLGICLT	614	>ERBB2-R78^YVSCLLGICLT	230	384
>ERBB2-R78^YVSRLLGI	23	>ERBB2-R78^YVSCLLGI	17	6
>ERBB2-R78^YVSRLLGICL	220	>ERBB2-R78^YVSCLLGICL	117	103
>ERBB2-R78^YVSRLLGICLT	651	>ERBB2-R78^YVSCLLGICLT	318	333
>ERBB2-R78^YVSRLLGI	241	>ERBB2-R78^YVSCLLGI	136	105
>ERBB2-R78^YVSRLLGI	908	>ERBB2-R78^YVSCLLGI	137	771
>ERBB2-R78^YVSRLLGICL	2478	>ERBB2-R78^YVSCLLGICL	420	2058
>ERBB2-R78^YVSRLLGI	196	>ERBB2-R78^YVSCLLGI	639	443
>ERBB2-R78^YVSRLLGI	202	>ERBB2-R78^YVSCLLGI	36	166
>ERBB2-R78^YVSRLLGICL	569	>ERBB2-R78^YVSCLLGICL	418	151
>ERBB2-R78^YVSRLLGI	395	>ERBB2-R78^YVSCLLGI	132	263
>ERBB2-R78^YVSRLLGICL	2913	>ERBB2-R78^YVSCLLGICL	318	2595
>ERBB2-R78^PYVSRLLGI	447	>ERBB2-R78^PYVSCLLGI	61	386
>ERBB2-R78^PYVSRLLGICL	1106	>ERBB2-R78^PYVSCLLGICL	304	802
>ERBB2-R78^PYVSRLLGI	648	>ERBB2-R78^PYVSCLLGI	493	155
>ERBB2-R78^PYVSRLLGI	269	>ERBB2-R78^PYVSCLLGI	213	56
>ERBB2-R78^SPYVSRL	224	>ERBB2-R78^SPYVSCLL	2141	1917
>ERBB2-R78^SPYVSRL	313	>ERBB2-R78^SPYVSCLL	249	64
>ERBB2-R78^SPYVSRLLGI	205	>ERBB2-R78^SPYVSCLLGI	203	2
>ERBB2-R78^SPYVSRL	26	>ERBB2-R78^SPYVSCLL	132	106
>ERBB2-R78^SPYVSRLLGI	48	>ERBB2-R78^SPYVSCLLGI	120	72
>ERBB2-R78^SPYVSRL	561	>ERBB2-R78^SPYVSCLL	484	77
>ERBB2-R78^SPYVSRL	1790	>ERBB2-R78^SPYVSCLL	392	1398
>ERBB2-R78^GSPYVSRL	350	>ERBB2-R78^GSPYVSCLL	1063	713
>ERBB2-R78^GSPYVSRLLG	138	>ERBB2-R78^GSPYVSCLLGI	222	84
>ERBB2-R78^GSPYVSRL	140	>ERBB2-R78^GSPYVSCL	116	24
>ERBB2-R78^GSPYVSRL	4	>ERBB2-R78^GSPYVSCLL	6	2
>ERBB2-R78^GSPYVSRLLG	436	>ERBB2-R78^GSPYVSCLLG	326	110
>ERBB2-R78^GSPYVSRLLG	37	>ERBB2-R78^GSPYVSCLLGI	30	7
>ERBB2-R78^GSPYVSRLLG	277	>ERBB2-R78^GSPYVSCLLGI	267	10
>ERBB2-R78^VGSPYVSRL	207	>ERBB2-R78^VGSPYVSCL	4772	4565
>ERBB2-R78^VGSPYVSRL	195	>ERBB2-R78^VGSPYVSCL	1461	1266
>ERBB2-R78^GVGSPYVSRL	478	>ERBB2-R78^GVGSPYVSCL	651	173
>ERBB2-R78^GVGSPYVSR	324	>ERBB2-R78^GVGSPYVSC	26123	25799
>ERBB2-R78^GVGSPYVSR	82	>ERBB2-R78^GVGSPYVSC	22909	22827

>ERBB2-R784AGVGSPYVSF	254	>ERBB2-R784AGVGSPYVSC	2837	2583
>ERBB2-R89€RRRFTHQS	344	>ERBB2-R89€CRRFTHQS	8591	8247
>ERBB2-R89€RRRFTHQSD	356	>ERBB2-R89€CRRFTHQSD	5333	4977
>ERBB2-R89€RRRFTHQSD\	134	>ERBB2-R89€CRRFTHQSD\	4564	4430
>ERBB2-R89€RRRFTHQSD\	61	>ERBB2-R89€CRRFTHQSD\	496	435
>ERBB2-R89€RRRFTHQSD\	167	>ERBB2-R89€CRRFTHQSD\	1143	976
>ERBB2-R89€RRRFTHQSD\	108	>ERBB2-R89€CRRFTHQSD\	1986	1878
>ERBB2-R89€RRRFTHQS	127	>ERBB2-R89€CRRFTHQS	2841	2714
>ERBB2-R89€RRRFTHQSD	359	>ERBB2-R89€CRRFTHQSD	18425	18066
>ERBB2-R89€RRRFTHQSD\	156	>ERBB2-R89€CRRFTHQSD\	3396	3240
>ERBB2-R89€RRRFTHQSD\	113	>ERBB2-R89€CRRFTHQSD\	8371	8258
>ERBB2-R89€RRRFTHQSD\	147	>ERBB2-R89€CRRFTHQSD\	1710	1563
>ERBB2-R89€RRRFTHQSD\	36	>ERBB2-R89€CRRFTHQSD\	39	3
>ERBB2-R89€LRRRFTHQSD	185	>ERBB2-R89€LCRRFTHQSD	2582	2397
>ERBB2-R89€LRRRFTHQ	299	>ERBB2-R89€LCRRFTHQ	24028	23729
>ERBB2-R89€IKWMALESIL	290	>ERBB2-R89€IKWMALESIL	1372	1082
>ERBB2-R89€IKWMALESIL	190	>ERBB2-R89€IKWMALESIL	34647	34457
>ERBB2-R89€ILRRRFTHQ	569	>ERBB2-R89€ILCRRFTHQ	384	185
>ERBB2-R89€ILRRRFTHQS	543	>ERBB2-R89€ILCRRFTHQS	405	138
>ERBB2-R89€ILRRRFTH	359	>ERBB2-R89€ILCRRFTH	894	535
>ERBB2-R89€ILRRRFTHQ	109	>ERBB2-R89€ILCRRFTHQ	2338	2229
>ERBB2-R89€SILRRRFTH	308	>ERBB2-R89€SILCRRFTH	389	81
>ERBB2-R89€ESILRRRF	57	>ERBB2-R89€ESILCRRF	42	15
>ERBB2-R89€ESILRRRF	27	>ERBB2-R89€ESILCRRF	32	5
>ERBB2-R89€ESILRRRF	1647	>ERBB2-R89€ESILCRRF	458	1189
>ERBB2-R89€LESILRRRF	754	>ERBB2-R89€LESILCRRF	232	522
>ERBB2-R89€LESILRRRFTH	170	>ERBB2-R89€LESILCRRFTH	155	15
>ERBB2-R89€LESILRRRF	65	>ERBB2-R89€LESILCRRF	128	63
>ERBB2-R89€LESILRRRFTH	339	>ERBB2-R89€LESILCRRFTH	449	110
>ERBB2-R89€LESILRRRF	852	>ERBB2-R89€LESILCRRF	460	392
>ERBB2-R89€ALESILRR	291	>ERBB2-R89€ALESILCR	369	78
>ERBB2-R89€ALESILRRR	223	>ERBB2-R89€ALESILCRR	81	142
>ERBB2-R89€MALESILR	195	>ERBB2-R89€MALESILC	22631	22436
>ERBB2-R89€MALESILRR	204	>ERBB2-R89€MALESILCR	147	57
>ERBB2-R89€MALESILR	34	>ERBB2-R89€MALESILC	19281	19247
>ERBB2-R89€MALESILRR	45	>ERBB2-R89€MALESILCR	78	33
>ERBB2-R89€MALESILRRR	27	>ERBB2-R89€MALESILCRR	23	4
>ERBB2-R89€MALESILR	74	>ERBB2-R89€MALESILC	29274	29200
>ERBB2-R89€MALESILRR	166	>ERBB2-R89€MALESILCR	134	32
>ERBB2-R89€MALESILRRR	1486	>ERBB2-R89€MALESILCRR	472	1014
>ERBB2-R89€MALESILR	11	>ERBB2-R89€MALESILC	24342	24331
>ERBB2-R89€MALESILRR	17	>ERBB2-R89€MALESILCR	25	8
>ERBB2-R89€MALESILRRR	108	>ERBB2-R89€MALESILCRR	20	88

>ERBB2-R89€ MALESILRRRI	56	>ERBB2-R89€ MALESILCRRRI	54	2
>ERBB2-R89€ MALESILRRRI	5	>ERBB2-R89€ MALESILCRRRI	5	0
>ERBB2-R89€ MALESILRRRI	97	>ERBB2-R89€ MALESILCRRRI	64	33
>ERBB2-R89€ MALESILRRRI	184	>ERBB2-R89€ MALESILCRRRI	445	261
>ERBB2-R89€ MALESILRRRI	237	>ERBB2-R89€ MALESILCRRRI	338	101
>ERBB2-R89€ MALESILR	222	>ERBB2-R89€ MALESILC	35244	35022
>ERBB2-R89€ MALESILRR	247	>ERBB2-R89€ MALESILCR	387	140
>ERBB2-R89€ MALESILRRR	819	>ERBB2-R89€ MALESILCRR	273	546
>ERBB2-R89€ WMALESILR	20001	>ERBB2-R89€ WMALESILC	398	19603
>ERBB2-R89€ WMALESILRF	1009	>ERBB2-R89€ WMALESILCF	465	544
>ERBB2-R89€ WMALESILRF	1144	>ERBB2-R89€ WMALESILCF	226	918
>ERBB2-R89€ WMALESILR	111	>ERBB2-R89€ WMALESILC	36849	36738
>ERBB2-R89€ WMALESILRF	159	>ERBB2-R89€ WMALESILCF	259	100
>ERBB2-R89€ WMALESILRF	395	>ERBB2-R89€ WMALESILCF	139	256
>ERBB2-R89€ WMALESILRF	66	>ERBB2-R89€ WMALESILCF	42	24
>ERBB2-R89€ WMALESILR	62	>ERBB2-R89€ WMALESILC	34384	34322
>ERBB2-R89€ WMALESILRF	66	>ERBB2-R89€ WMALESILCF	113	47
>ERBB2-R89€ WMALESILRF	237	>ERBB2-R89€ WMALESILCF	68	169
>ERBB2-R89€ KWMALESILF	21	>ERBB2-R89€ KWMALESILC	14845	14824
>ERBB2-R89€ KWMALESILF	50	>ERBB2-R89€ KWMALESILC	57	7
>ERBB2-R89€ KWMALESILF	497	>ERBB2-R89€ KWMALESILC	28077	27580
>ERBB2-R89€ KWMALESILF	9	>ERBB2-R89€ KWMALESILC	5290	5281
>ERBB2-R89€ KWMALESILF	8	>ERBB2-R89€ KWMALESILC	12	4
>ERBB2-R89€ KWMALESILF	128	>ERBB2-R89€ KWMALESILC	109	19
>ERBB2-S31C GSCTLVCP	70	>ERBB2-S31C GFCTLVCP	25896	25826
>ERBB2-S31C PYNYLSTDVG	15167	>ERBB2-S31C PYNYLSTDVG	132	15035
>ERBB2-S31C VGSCTLVCP	2292	>ERBB2-S31C VGFCTLVCP	379	1913
>ERBB2-S31C DVGSTLV	173	>ERBB2-S31C DVGFCTLV	76	97
>ERBB2-S31C DVGSTLVCP	452	>ERBB2-S31C DVGFCTLVCP	199	253
>ERBB2-S31C DVGSTLV	314	>ERBB2-S31C DVGFCTLV	267	47
>ERBB2-S31C DVGSTLVCP	405	>ERBB2-S31C DVGFCTLVCP	525	120
>ERBB2-S31C TDVGSCTL	476	>ERBB2-S31C TDVGFCTL	575	99
>ERBB2-S31C TDVGSCTLV	74	>ERBB2-S31C TDVGFCTLV	142	68
>ERBB2-S31C STDVGSCTLV	404	>ERBB2-S31C STDVGFCTLV	429	25
>ERBB2-S31C STDVGSCTL	763	>ERBB2-S31C STDVGFCTL	84	679
>ERBB2-S31C STDVGSCTLV	401	>ERBB2-S31C STDVGFCTLV	155	246
>ERBB2-S31C STDVGSCTL	570	>ERBB2-S31C STDVGFCTL	471	99
>ERBB2-S31C STDVGSCTLV	314	>ERBB2-S31C STDVGFCTLV	190	124
>ERBB2-S31C STDVGSCTL	184	>ERBB2-S31C STDVGFCTL	257	73
>ERBB2-S31C STDVGSCTLV	80	>ERBB2-S31C STDVGFCTLV	72	8
>ERBB2-S31C STDVGSCTLV	215	>ERBB2-S31C STDVGFCTLV	189	26
>ERBB2-S31C STDVGSCTLV	138	>ERBB2-S31C STDVGFCTLV	122	16
>ERBB2-S31C STDVGSCTL	250	>ERBB2-S31C STDVGFCTL	167	83

>ERBB2-S31C STDVGSCTLV	56	>ERBB2-S31C STDVGFCTLV	30	26
>ERBB2-S31C STDVGSCTL	9	>ERBB2-S31C STDVGFCTL	35	26
>ERBB2-S31C STDVGSCTL	400	>ERBB2-S31C STDVGFCTL	348	52
>ERBB2-S31C LSTDVGSCTL\	678	>ERBB2-S31C LSTDVGFCTL\	282	396
>ERBB2-S31C LSTDVGSCTL\	736	>ERBB2-S31C LSTDVGFCTL\	284	452
>ERBB2-S31C LSTDVGSCTL\	289	>ERBB2-S31C LSTDVGFCTL\	134	155
>ERBB2-S31C LSTDVGSCTL	17	>ERBB2-S31C LSTDVGFCTL	33	16
>ERBB2-S31C LSTDVGSCTL	430	>ERBB2-S31C LSTDVGFCTL	252	178
>ERBB2-S31C LSTDVGSCTL	179	>ERBB2-S31C LSTDVGFCTL	61	118
>ERBB2-S31C LSTDVGSCTL\	132	>ERBB2-S31C LSTDVGFCTL\	79	53
>ERBB2-S31C LSTDVGSCTL	51	>ERBB2-S31C LSTDVGFCTL	161	110
>ERBB2-S31C LSTDVGSCTL\	35	>ERBB2-S31C LSTDVGFCTL\	78	43
>ERBB2-S31C YLSTDVGSCT	929	>ERBB2-S31C YLSTDVGFCT	105	824
>ERBB2-S31C YLSTDVGSCT	25	>ERBB2-S31C YLSTDVGFCT	19	6
>ERBB2-S31C YLSTDVGS	252	>ERBB2-S31C YLSTDVGF	144	108
>ERBB2-S31C YLSTDVGS	734	>ERBB2-S31C YLSTDVGF	171	563
>ERBB2-S31C YLSTDVGSCT	92	>ERBB2-S31C YLSTDVGFCT	51	41
>ERBB2-S31C YLSTDVGSCT	5	>ERBB2-S31C YLSTDVGFCT	4	1
>ERBB2-S31C YLSTDVGS	324	>ERBB2-S31C YLSTDVGF	682	358
>ERBB2-S31C YLSTDVGS	41	>ERBB2-S31C YLSTDVGF	50	9
>ERBB2-S31C YLSTDVGSCT	170	>ERBB2-S31C YLSTDVGFCT	471	301
>ERBB2-S31C YLSTDVGSCT	6	>ERBB2-S31C YLSTDVGFCT	5	1
>ERBB2-S31C YLSTDVGS	1657	>ERBB2-S31C YLSTDVGF	428	1229
>ERBB2-S31C YLSTDVGSCT	717	>ERBB2-S31C YLSTDVGFCT	259	458
>ERBB2-S31C YLSTDVGSCT	62	>ERBB2-S31C YLSTDVGFCT	27	35
>ERBB2-S31C YLSTDVGS	70	>ERBB2-S31C YLSTDVGF	38	32
>ERBB2-S31C YLSTDVGSCT	297	>ERBB2-S31C YLSTDVGFCT	97	200
>ERBB2-S31C YLSTDVGSCT	4	>ERBB2-S31C YLSTDVGFCT	4	0
>ERBB2-S31C YLSTDVGS	210	>ERBB2-S31C YLSTDVGF	146	64
>ERBB2-S31C YLSTDVGSCT	534	>ERBB2-S31C YLSTDVGFCT	128	406
>ERBB2-S31C YLSTDVGSCT	4	>ERBB2-S31C YLSTDVGFCT	5	1
>ERBB2-S31C YLSTDVGS	1494	>ERBB2-S31C YLSTDVGF	331	1163
>ERBB2-S31C YLSTDVGSCT	238	>ERBB2-S31C YLSTDVGFCT	58	180
>ERBB2-S31C YLSTDVGSCT	9	>ERBB2-S31C YLSTDVGFCT	8	1
>ERBB2-S31C YLSTDVGS	248	>ERBB2-S31C YLSTDVGF	111	137
>ERBB2-S31C YLSTDVGSCT	361	>ERBB2-S31C YLSTDVGFCT	76	285
>ERBB2-S31C YLSTDVGSCT	5	>ERBB2-S31C YLSTDVGFCT	5	0
>ERBB2-S31C YLSTDVGS	143	>ERBB2-S31C YLSTDVGF	330	187
>ERBB2-S31C YLSTDVGS	21	>ERBB2-S31C YLSTDVGF	24	3
>ERBB2-S31C YLSTDVGSCT	40	>ERBB2-S31C YLSTDVGFCT	25	15
>ERBB2-S31C YLSTDVGSCT	2	>ERBB2-S31C YLSTDVGFCT	2	0
>ERBB2-S31C YLSTDVGS	13591	>ERBB2-S31C YLSTDVGF	86	13505
>ERBB2-S31C YLSTDVGSCT	263	>ERBB2-S31C YLSTDVGFCT	386	123

>ERBB2-S31C YLSTDVGS	16619	>ERBB2-S31C YLSTDVGF	168	16451
>ERBB2-S31C YLSTDVGS	15207	>ERBB2-S31C YLSTDVGF	46	15161
>ERBB2-S31C YLSTDVGSCT	438	>ERBB2-S31C YLSTDVGFCT	473	35
>ERBB2-S31C YLSTDVGS	13927	>ERBB2-S31C YLSTDVGF	395	13532
>ERBB2-S31C YLSTDVGSCT	326	>ERBB2-S31C YLSTDVGFCT	687	361
>ERBB2-S31C NYLSTDVGS	15628	>ERBB2-S31C NYLSTDVGF	61	15567
>ERBB2-S31C NYLSTDVGS	2865	>ERBB2-S31C NYLSTDVGF	8	2857
>ERBB2-S31C YNYLSTDVGS	17027	>ERBB2-S31C YNYLSTDVGF	363	16664
>ERBB2-S31C YNYLSTDVGS	17323	>ERBB2-S31C YNYLSTDVGF	226	17097
>ERBB2-S31C YNYLSTDVGS	11116	>ERBB2-S31C YNYLSTDVGF	32	11084
>ERBB2-S31C YNYLSTDVGS	22848	>ERBB2-S31C YNYLSTDVGF	347	22501
>ERBB2-S76C SPKANKEI	133	>ERBB2-S76C FPKANKEI	137	4
>ERBB2-S76C SPKANKEIL	187	>ERBB2-S76C FPKANKEIL	181	6
>ERBB2-S76C SPKANKEIL	193	>ERBB2-S76C FPKANKEIL	159	34
>ERBB2-S76C SPKANKEI	1303	>ERBB2-S76C FPKANKEI	434	869
>ERBB2-S76C SPKANKEIL	515	>ERBB2-S76C FPKANKEIL	158	357
>ERBB2-S76C SPKANKEI	17622	>ERBB2-S76C FPKANKEI	277	17345
>ERBB2-S76C TSPKANKEI	11898	>ERBB2-S76C TFPKANKEI	69	11829
>ERBB2-S76C TSPKANKEIL	15598	>ERBB2-S76C TFPKANKEIL	165	15433
>ERBB2-S76C TSPKANKEI	54	>ERBB2-S76C TFPKANKEI	9184	9130
>ERBB2-S76C TSPKANKEIL	9	>ERBB2-S76C TFPKANKEIL	1778	1769
>ERBB2-S76C TSPKANKEI	159	>ERBB2-S76C TFPKANKEI	11885	11726
>ERBB2-S76C VAIKVLRENT!	20573	>ERBB2-S76C VAIKVLRENTI	123	20450
>ERBB2-S76C VAIKVLRENT!	21440	>ERBB2-S76C VAIKVLRENTI	45	21395
>ERBB2-S76C VAIKVLRENT!	14853	>ERBB2-S76C VAIKVLRENTI	391	14462
>ERBB2-S76C VAIKVLRENT!	20654	>ERBB2-S76C VAIKVLRENTI	289	20365
>ERBB2-S76C VAIKVLRENT!	17546	>ERBB2-S76C VAIKVLRENTI	359	17187
>ERBB2-S76C NTSPKANKEI	1700	>ERBB2-S76C NTFPKANKEI	450	1250
>ERBB2-S76C NTSPKANK	1258	>ERBB2-S76C NTFPKANK	240	1018
>ERBB2-S76C NTSPKANK	173	>ERBB2-S76C NTFPKANK	51	122
>ERBB2-S76C NTSPKANK	2370	>ERBB2-S76C NTFPKANK	383	1987
>ERBB2-S76C NTSPKANK	36	>ERBB2-S76C NTFPKANK	8	28
>ERBB2-S76C NTSPKANKEI	171	>ERBB2-S76C NTFPKANKEI	39	132
>ERBB2-S76C NTSPKANKEI	2339	>ERBB2-S76C NTFPKANKEI	408	1931
>ERBB2-S76C NTSPKANKEI	994	>ERBB2-S76C NTFPKANKEI	158	836
>ERBB2-S76C NTSPKANKEI	1305	>ERBB2-S76C NTFPKANKEI	222	1083
>ERBB2-S76C NTSPKANKEI	1401	>ERBB2-S76C NTFPKANKEI	272	1129
>ERBB2-S76C NTSPKANK	1630	>ERBB2-S76C NTFPKANK	480	1150
>ERBB2-S76C NTSPKANKEI	2515	>ERBB2-S76C NTFPKANKEI	428	2087
>ERBB2-S76C ENTSPKANK	289	>ERBB2-S76C ENTFPKANK	197	92
>ERBB2-S76C RENTSPKA	615	>ERBB2-S76C RENTFPKA	232	383
>ERBB2-S76C RENTSPKA	45	>ERBB2-S76C RENTFPKA	20	25
>ERBB2-S76C VLRENTSPKA	61	>ERBB2-S76C VLRENTFPKA	36	25

>ERBB2-S76C VLRENTSPKA	249	>ERBB2-S76C VLRENTFPKA	158	91
>ERBB2-S76C VLRENTSPKA	206	>ERBB2-S76C VLRENTFPKA	107	99
>ERBB2-S76C VLRENTSPK	881	>ERBB2-S76C VLRENTFPK	263	618
>ERBB2-S76C VLRENTSPKA	7	>ERBB2-S76C VLRENTFPKA	6	1
>ERBB2-S76C VLRENTSPK	42	>ERBB2-S76C VLRENTFPK	41	1
>ERBB2-S76C VLRENTSPK	1206	>ERBB2-S76C VLRENTFPK	126	1080
>ERBB2-S76C VLRENTSPK	11	>ERBB2-S76C VLRENTFPK	9	2
>ERBB2-S76C VLRENTSPKA	142	>ERBB2-S76C VLRENTFPKA	178	36
>ERBB2-S76C VLRENTSPK	2238	>ERBB2-S76C VLRENTFPK	188	2050
>ERBB2-S76C KVLRENTSPK	450	>ERBB2-S76C KVLRENTFPK	124	326
>ERBB2-S76C KVLRENTSPK	30	>ERBB2-S76C KVLRENTFPK	38	8
>ERBB2-S76C KVLRENTSPK	113	>ERBB2-S76C KVLRENTFPK	34	79
>ERBB2-S76C KVLRENTSPK	6	>ERBB2-S76C KVLRENTFPK	5	1
>ERBB2-S76C KVLRENTSPK	42	>ERBB2-S76C KVLRENTFPK	40	2
>ERBB2-S76C KVLRENTSPK	1496	>ERBB2-S76C KVLRENTFPK	347	1149
>ERBB2-S76C KVLRENTS	2396	>ERBB2-S76C KVLRENTF	13	2383
>ERBB2-S76C KVLRENTS	20107	>ERBB2-S76C KVLRENTF	82	20025
>ERBB2-S76C KVLRENTS	20128	>ERBB2-S76C KVLRENTF	165	19963
>ERBB2-S76C KVLRENTS	20083	>ERBB2-S76C KVLRENTF	122	19961
>ERBB2-S76C KVLRENTSPK	536	>ERBB2-S76C KVLRENTFPK	119	417
>ERBB2-S76C IKVLRENTS	6556	>ERBB2-S76C IKVLRENTF	10	6546
>ERBB2-S76C IKVLRENTSPK	421	>ERBB2-S76C IKVLRENTFPK	1035	614
>ERBB2-S76C AIKVLRENTS	18727	>ERBB2-S76C AIKVLRENTF	383	18344
>ERBB2-T21€ TRTVCAGGC/	1614	>ERBB2-T21€ SRTVCAGGC/	393	1221
>ERBB2-T21€ LTRTVCAG	156	>ERBB2-T21€ LSRTVCAG	341	185
>ERBB2-T21€ LTRTVCAGGC	89	>ERBB2-T21€ LSRTVCAGGC	191	102
>ERBB2-T21€ GESSEDCQSL	458	>ERBB2-T21€ GESSEDCQSL	2342	1884
>ERBB2-T21€ SLTRTVCA	598	>ERBB2-T21€ SLSRTVCA	110	488
>ERBB2-T21€ SLTRTVCA	602	>ERBB2-T21€ SLSRTVCA	144	458
>ERBB2-T21€ SLTRTVCA	285	>ERBB2-T21€ SLSRTVCA	206	79
>ERBB2-T21€ SLTRTVCAGG	470	>ERBB2-T21€ SLSRTVCAGG	366	104
>ERBB2-T21€ SLTRTVCA	381	>ERBB2-T21€ SLSRTVCA	281	100
>ERBB2-T21€ SLTRTVCA	34	>ERBB2-T21€ SLSRTVCA	37	3
>ERBB2-T21€ SLTRTVCA	15	>ERBB2-T21€ SLSRTVCA	17	2
>ERBB2-T21€ SLTRTVCAGG	118	>ERBB2-T21€ SLSRTVCAGG	155	37
>ERBB2-T21€ EDCQSLTR	494	>ERBB2-T21€ EDCQSLSR	551	57
>ERBB2-T21€ SEDCQSLT	483	>ERBB2-T21€ SEDCQSLS	734	251
>ERBB2-T21€ SEDCQSLTRT	171	>ERBB2-T21€ SEDCQSLSRT	209	38
>ERBB2-T21€ SSEDQCQLTR	184	>ERBB2-T21€ SSEDQCQLSR	277	93
>ERBB2-T21€ SSEDQCQLTR	122	>ERBB2-T21€ SSEDQCQLSR	315	193
>ERBB2-T21€ SSEDQCQLT	164	>ERBB2-T21€ SSEDQCQLS	257	93
>ERBB2-T21€ SSEDQCQLTR	691	>ERBB2-T21€ SSEDQCQLSR	224	467
>ERBB2-T21€ SSEDQCQLTR	474	>ERBB2-T21€ SSEDQCQLSR	507	33

>ERBB2-T21€ESSEDCQSLTI	16	>ERBB2-T21€ESSEDCQSLSI	18	2
>ERBB2-T73€TVYKGIWI	935	>ERBB2-T73€IVYKGIWI	383	552
>ERBB2-T73€TVYKGIWI	215	>ERBB2-T73€IVYKGIWI	119	96
>ERBB2-T73€TVYKGIWI	192	>ERBB2-T73€IVYKGIWI	94	98
>ERBB2-T73€TVYKGIWI	214	>ERBB2-T73€IVYKGIWI	50	164
>ERBB2-T73€TVYKGIWI	657	>ERBB2-T73€IVYKGIWI	291	366
>ERBB2-T73€TVYKGIWI	572	>ERBB2-T73€IVYKGIWI	168	404
>ERBB2-T73€TVYKGIWI	148	>ERBB2-T73€IVYKGIWI	2049	1901
>ERBB2-T73€TVYKGIWI	161	>ERBB2-T73€IVYKGIWI	1560	1399
>ERBB2-T73€TVYKGIWI	3388	>ERBB2-T73€IVYKGIWI	461	2927
>ERBB2-T73€TVYKGIWI	316	>ERBB2-T73€IVYKGIWI	185	131
>ERBB2-T73€GTVYKGIW	21	>ERBB2-T73€GIVYKGIW	2234	2213
>ERBB2-T73€GTVYKGIWI	66	>ERBB2-T73€GIVYKGIWI	13607	13541
>ERBB2-T73€GTVYKGIW	289	>ERBB2-T73€GIVYKGIW	8023	7734
>ERBB2-T73€GTVYKGIW	340	>ERBB2-T73€GIVYKGIW	3494	3154
>ERBB2-T73€GTVYKGIWI	180	>ERBB2-T73€GIVYKGIWI	4349	4169
>ERBB2-T73€GTVYKGIWI	192	>ERBB2-T73€GIVYKGIWI	10840	10648
>ERBB2-T73€FGTVYKGI	3361	>ERBB2-T73€FGIVYKGI	359	3002
>ERBB2-T73€FGTVYKGIW	465	>ERBB2-T73€FGIVYKGIW	185	280
>ERBB2-T73€FGTVYKGIW	44	>ERBB2-T73€FGIVYKGIW	200	156
>ERBB2-T73€AFGTVYKGI	187	>ERBB2-T73€AFGIVYKGI	155	32
>ERBB2-T73€AFGTVYKGIW	324	>ERBB2-T73€AFGIVYKGIW	254	70
>ERBB2-T73€GAFGTVYKGI	322	>ERBB2-T73€GAFGIVYKGI	317	5
>ERBB2-T73€GAFGTVYK	122	>ERBB2-T73€GAFGIVYK	105	17
>ERBB2-T73€GAFGTVYK	9	>ERBB2-T73€GAFGIVYK	8	1
>ERBB2-T73€GAFGTVYK	98	>ERBB2-T73€GAFGIVYK	273	175
>ERBB2-T73€GAFGTVYK	222	>ERBB2-T73€GAFGIVYK	99	123
>ERBB2-T73€GAFGTVYK	23	>ERBB2-T73€GAFGIVYK	14	9
>ERBB2-T73€GAFGTVYKGI	57	>ERBB2-T73€GAFGIVYKGI	140	83
>ERBB2-T73€GAFGTVYKGI	58	>ERBB2-T73€GAFGIVYKGI	57	1
>ERBB2-T73€GAFGTVYKGI	37	>ERBB2-T73€GAFGIVYKGI	47	10
>ERBB2-T73€GAFGTVYKGI	408	>ERBB2-T73€GAFGIVYKGI	310	98
>ERBB2-T73€GAFGTVYKGI	47	>ERBB2-T73€GAFGIVYKGI	36	11
>ERBB2-T73€GAFGTVYK	150	>ERBB2-T73€GAFGIVYK	176	26
>ERBB2-T73€SGAFGTVYK	49	>ERBB2-T73€SGAFGIVYK	51	2
>ERBB2-T73€SGAFGTVY	87	>ERBB2-T73€SGAFGIVY	95	8
>ERBB2-T73€SGAFGTVYK	178	>ERBB2-T73€SGAFGIVYK	181	3
>ERBB2-T73€SGAFGTVY	188	>ERBB2-T73€SGAFGIVY	328	140
>ERBB2-T73€SGAFGTVY	460	>ERBB2-T73€SGAFGIVY	819	359
>ERBB2-T73€SGAFGTVYK	342	>ERBB2-T73€SGAFGIVYK	216	126
>ERBB2-T73€SGAFGTVYK	422	>ERBB2-T73€SGAFGIVYK	474	52
>ERBB2-T73€GSGAFGTVYK	46	>ERBB2-T73€GSGAFGIVYK	63	17
>ERBB2-T73€GSGAFGTVYK	29	>ERBB2-T73€GSGAFGIVYK	35	6

>ERBB2-T73EGSGAFGTVY	827	>ERBB2-T73EGSGAFGIVY	472	355
>ERBB2-T73EGSGAFGTVY	432	>ERBB2-T73EGSGAFGIVY	480	48
>ERBB2-T73EGSGAFGTVYK	224	>ERBB2-T73EGSGAFGIVYK	290	66
>ERBB2-T73EGSGAFGTVY	78	>ERBB2-T73EGSGAFGIVY	127	49
>ERBB2-T73EGSGAFGTVY	349	>ERBB2-T73EGSGAFGIVY	725	376
>ERBB2-T73EGSGAFGTVY	62	>ERBB2-T73EGSGAFGIVY	91	29
>ERBB2-T73EGSGAFGTVY	11	>ERBB2-T73EGSGAFGIVY	53	42
>ERBB2-T73EGSGAFGTVYK	337	>ERBB2-T73EGSGAFGIVYK	247	90
>ERBB2-T73ELGSGAFGTVY	125	>ERBB2-T73ELGSGAFGIVY	157	32
>ERBB2-T73ELGSGAFGTVY	478	>ERBB2-T73ELGSGAFGIVY	836	358
>ERBB2-T73ELGSGAFGTVY	93	>ERBB2-T73ELGSGAFGIVY	142	49
>ERBB2-T73ELGSGAFGTVY	94	>ERBB2-T73ELGSGAFGIVY	58	36
>ERBB2-T73VLGSGAFGT	2098	>ERBB2-T73VLGSGAFGI	107	1991
>ERBB2-T73VLGSGAFGT	73	>ERBB2-T73VLGSGAFGIV	318	245
>ERBB2-T73VLGSGAFGT	3530	>ERBB2-T73VLGSGAFGI	201	3329
>ERBB2-T73VLGSGAFGT	41	>ERBB2-T73VLGSGAFGIV	115	74
>ERBB2-T73VLGSGAFGT	1992	>ERBB2-T73VLGSGAFGI	101	1891
>ERBB2-T73VLGSGAFGT	21	>ERBB2-T73VLGSGAFGIV	47	26
>ERBB2-T73VLGSGAFGT	827	>ERBB2-T73VLGSGAFGI	68	759
>ERBB2-T73VLGSGAFGT	68	>ERBB2-T73VLGSGAFGI	5	63
>ERBB2-T73VLGSGAFGT	3	>ERBB2-T73VLGSGAFGIV	9	6
>ERBB2-T73VLGSGAFGT	505	>ERBB2-T73VLGSGAFGI	8	497
>ERBB2-T73VLGSGAFGT	7	>ERBB2-T73VLGSGAFGIV	19	12
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>ERBB2-T73VLGSGAFGT	5	>ERBB2-T73VLGSGAFGIV	15	10
>ERBB2-T73VLGSGAFGT	14	>ERBB2-T73VLGSGAFGI	4	10
>ERBB2-T73VLGSGAFGT	2	>ERBB2-T73VLGSGAFGIV	3	1
>ERBB2-T73VLGSGAFGT	64	>ERBB2-T73VLGSGAFGIV	49	15
>ERBB2-T73VLGSGAFGT	54	>ERBB2-T73VLGSGAFGIV	55	1
>ERBB2-T73VLGSGAFGT	26	>ERBB2-T73VLGSGAFGIV	18	8
>ERBB2-T73VLGSGAFGT	73	>ERBB2-T73VLGSGAFGIV	93	20
>ERBB2-T73VLGSGAFGT	87	>ERBB2-T73VLGSGAFGIV	110	23
>ERBB2-T73VLGSGAFGT	421	>ERBB2-T73VLGSGAFGIV	659	238
>ERBB2-T73VLGSGAFGT	227	>ERBB2-T73VLGSGAFGIV	729	502
>ERBB2-T73KVLGSGAFGT	294	>ERBB2-T73KVLGSGAFGI'	844	550
>ERBB2-T73KVLGSGAFGT	3465	>ERBB2-T73KVLGSGAFGI	449	3016
>ERBB2-T73KVLGSGAFGT	123	>ERBB2-T73KVLGSGAFGI'	245	122
>ERBB2-T73KVLGSGAFGT	602	>ERBB2-T73KVLGSGAFGI	138	464
>ERBB2-T73KVLGSGAFGT	9	>ERBB2-T73KVLGSGAFGI'	25	16
>ERBB2-T73KVLGSGAFGT	1193	>ERBB2-T73KVLGSGAFGI	35	1158
>ERBB2-T73KVLGSGAFGT	12	>ERBB2-T73KVLGSGAFGI'	87	75



>ERBB2-T73EKVLGSGAFGT	6088	>ERBB2-T73EKVLGSGAFGI	129	5959
>ERBB2-T73EKVLGSGAFGT	78	>ERBB2-T73EKVLGSGAFGI'	397	319
>ERBB2-T73EKVLGSGAFGT	2425	>ERBB2-T73EKVLGSGAFGI	114	2311
>ERBB2-T73EKVLGSGAFGT	28	>ERBB2-T73EKVLGSGAFGI'	77	49
>ERBB2-T73EKVLGSGAFGT	2780	>ERBB2-T73EKVLGSGAFGI	132	2648
>ERBB2-T73EKVLGSGAFGT	176	>ERBB2-T73EKVLGSGAFGI'	571	395
>ERBB2-T73EKVLGSGAFGT	4594	>ERBB2-T73EKVLGSGAFGI	421	4173
>ERBB2-T73EKVLGSGAFGT	15	>ERBB2-T73EKVLGSGAFGI'	59	44
>ERBB2-T73EKVLGSGAFGT	2433	>ERBB2-T73EKVLGSGAFGI	140	2293
>ERBB2-T73EKVLGSGAFGT	76	>ERBB2-T73EKVLGSGAFGI'	107	31
>ERBB2-T73EKVLGSGAFGT	4396	>ERBB2-T73EKVLGSGAFGI	42	4354
>ERBB2-T73EKVLGSGAFGT	4491	>ERBB2-T73EKVLGSGAFGI	228	4263
>ERBB2-T73EKVLGSGAFGT	324	>ERBB2-T73EKVLGSGAFGI'	1039	715
>ERBB2-T73EKVLGSGAFGT	3039	>ERBB2-T73EKVLGSGAFGI	40	2999
>ERBB2-T73EKVLGSGAFGT	16776	>ERBB2-T73EKVLGSGAFGI	407	16369
>ERBB2-T791TSTVQLVTQL	46	>ERBB2-T791ISTVQLVTQL	10	36
>ERBB2-T791TSTVQLVTQL	267	>ERBB2-T791ISTVQLVTQLI	38	229
>ERBB2-T791TSTVQLVTQL	1897	>ERBB2-T791ISTVQLVTQL	256	1641
>ERBB2-T791TSTVQLVTQL	1042	>ERBB2-T791ISTVQLVTQLI	141	901
>ERBB2-T791TSTVQLVTQL	236	>ERBB2-T791ISTVQLVTQLI	160	76
>ERBB2-T791TSTVQLVTQL	453	>ERBB2-T791ISTVQLVTQL	730	277
>ERBB2-T791TSTVQLVTQL	192	>ERBB2-T791ISTVQLVTQLI	47	145
>ERBB2-T791LTSTVQLV	1215	>ERBB2-T791LISTVQLV	195	1020
>ERBB2-T791LTSTVQLV	83	>ERBB2-T791LISTVQLV	22	61
>ERBB2-T791LTSTVQLVTQ	123	>ERBB2-T791LISTVQLVTQI	32	91
>ERBB2-T791LTSTVQLV	129	>ERBB2-T791LISTVQLV	22	107
>ERBB2-T791LTSTVQLVTQ	821	>ERBB2-T791LISTVQLVTQI	122	699
>ERBB2-T791LTSTVQLV	374	>ERBB2-T791LISTVQLV	106	268
>ERBB2-T791LTSTVQLV	205	>ERBB2-T791LISTVQLV	42	163
>ERBB2-T791LTSTVQLV	451	>ERBB2-T791LISTVQLV	69	382
>ERBB2-T791LTSTVQLV	3783	>ERBB2-T791LISTVQLV	143	3640
>ERBB2-T791LTSTVQLV	83	>ERBB2-T791LISTVQLV	5	78
>ERBB2-T791LTSTVQLVTQ	2468	>ERBB2-T791LISTVQLVTQI	56	2412
>ERBB2-T791LTSTVQLV	34	>ERBB2-T791LISTVQLV	216	182
>ERBB2-T791LTSTVQLVTQ	268	>ERBB2-T791LISTVQLVTQI	1916	1648
>ERBB2-T791LTSTVQLVTQ	35	>ERBB2-T791LISTVQLVTQI	7582	7547
>ERBB2-T791LTSTVQLVTQ	49	>ERBB2-T791LISTVQLVTQI	848	799
>ERBB2-T791LTSTVQLVTQ	157	>ERBB2-T791LISTVQLVTQI	13358	13201
>ERBB2-T791LTSTVQLVTQ	29	>ERBB2-T791LISTVQLVTQI	1086	1057
>ERBB2-T791LTSTVQLVTQ	367	>ERBB2-T791LISTVQLVTQI	17394	17027
>ERBB2-T791YVSRLGICLT	5036	>ERBB2-T791YVSRLGICLI	316	4720
>ERBB2-T791YVSRLGICLT	1806	>ERBB2-T791YVSRLGICLI	82	1724
>ERBB2-T791YVSRLGICLT	614	>ERBB2-T791YVSRLGICLI	29	585

>ERBB2-T791YVSRLGICLT	651	>ERBB2-T791YVSRLGICLI	42	609
>ERBB2-T791YVSRLGICLT	3715	>ERBB2-T791YVSRLGICLI	206	3509
>ERBB2-T791YVSRLGICLT	5685	>ERBB2-T791YVSRLGICLI	422	5263
>ERBB2-T791YVSRLGICLT	751	>ERBB2-T791YVSRLGICLI	83	668
>ERBB2-T791YVSRLGICLT	3287	>ERBB2-T791YVSRLGICLI	103	3184
>ERBB2-T791CLTSTVQL	835	>ERBB2-T791CLISTVQL	115	720
>ERBB2-T791CLTSTVQLV	112	>ERBB2-T791CLISTVQLV	27	85
>ERBB2-T791CLTSTVQL	75	>ERBB2-T791CLISTVQL	40	35
>ERBB2-T791CLTSTVQLV	46	>ERBB2-T791CLISTVQLV	27	19
>ERBB2-T791CLTSTVQL	312	>ERBB2-T791CLISTVQL	64	248
>ERBB2-T791CLTSTVQLV	16	>ERBB2-T791CLISTVQLV	6	10
>ERBB2-T791CLTSTVQLV	780	>ERBB2-T791CLISTVQLV	130	650
>ERBB2-T791CLTSTVQL	143	>ERBB2-T791CLISTVQL	45	98
>ERBB2-T791CLTSTVQLV	10	>ERBB2-T791CLISTVQLV	4	6
>ERBB2-T791CLTSTVQL	364	>ERBB2-T791CLISTVQL	68	296
>ERBB2-T791CLTSTVQLV	25	>ERBB2-T791CLISTVQLV	8	17
>ERBB2-T791CLTSTVQL	227	>ERBB2-T791CLISTVQL	333	106
>ERBB2-T791CLTSTVQLV	13	>ERBB2-T791CLISTVQLV	17	4
>ERBB2-T791CLTSTVQL	77	>ERBB2-T791CLISTVQL	110	33
>ERBB2-T791CLTSTVQLV	10	>ERBB2-T791CLISTVQLV	11	1
>ERBB2-T791CLTSTVQL	7	>ERBB2-T791CLISTVQL	11	4
>ERBB2-T791CLTSTVQLV	2	>ERBB2-T791CLISTVQLV	3	1
>ERBB2-T791CLTSTVQLVTC	417	>ERBB2-T791CLISTVQLVTC	601	184
>ERBB2-T791ICLTSTVQLV	463	>ERBB2-T791ICLISTVQLV	313	150
>ERBB2-T791ICLTSTVQLV	466	>ERBB2-T791ICLISTVQLV	447	19
>ERBB2-T791GICLTSTV	1157	>ERBB2-T791GICLISTV	478	679
>ERBB2-T791GICLTSTVQLV	766	>ERBB2-T791GICLISTVQLV	213	553
>ERBB2-T791GICLTSTV	138	>ERBB2-T791GICLISTV	97	41
>ERBB2-T791GICLTSTVQLV	200	>ERBB2-T791GICLISTVQLV	155	45
>ERBB2-T791GICLTSTV	858	>ERBB2-T791GICLISTV	454	404
>ERBB2-T791GICLTSTV	122	>ERBB2-T791GICLISTV	72	50
>ERBB2-T791GICLTSTVQLV	165	>ERBB2-T791GICLISTVQLV	171	6
>ERBB2-T791GICLTSTV	314	>ERBB2-T791GICLISTV	267	47
>ERBB2-T791GICLTSTVQLV	289	>ERBB2-T791GICLISTVQLV	349	60
>ERBB2-T791GICLTSTV	38	>ERBB2-T791GICLISTV	30	8
>ERBB2-T791GICLTSTVQLV	47	>ERBB2-T791GICLISTVQLV	49	2
>ERBB2-T791LGICLTSTV	518	>ERBB2-T791LGICLISTV	153	365
>ERBB2-T791LGICLTSTV	256	>ERBB2-T791LGICLISTV	284	28
>ERBB2-T791LLGICLTSTV	63	>ERBB2-T791LLGICLISTV	42	21
>ERBB2-T791LLGICLTST	415	>ERBB2-T791LLGICLIST	1213	798
>ERBB2-T791LLGICLTSTV	17	>ERBB2-T791LLGICLISTV	20	3
>ERBB2-T791LLGICLTST	295	>ERBB2-T791LLGICLIST	1654	1359
>ERBB2-T791LLGICLTSTV	14	>ERBB2-T791LLGICLISTV	16	2

>ERBB2-T791LLGICLTSTV	98	>ERBB2-T791LLGICLISTV	70	28
>ERBB2-T791LLGICLTSTV	4	>ERBB2-T791LLGICLISTV	3	1
>ERBB2-T791LLGICLTSTV	5	>ERBB2-T791LLGICLISTV	4	1
>ERBB2-T791LLGICLTSTV	9	>ERBB2-T791LLGICLISTV	8	1
>ERBB2-T791LLGICLTSTV	6	>ERBB2-T791LLGICLISTV	5	1
>ERBB2-T791LLGICLTST	30	>ERBB2-T791LLGICLIST	37	7
>ERBB2-T791LLGICLTSTV	2	>ERBB2-T791LLGICLISTV	2	0
>ERBB2-T791LLGICLTSTVQ	272	>ERBB2-T791LLGICLISTVQ	299	27
>ERBB2-T791RLLGICLT	229	>ERBB2-T791RLLGICLI	21	208
>ERBB2-T791RLLGICLTST	73	>ERBB2-T791RLLGICLIST	47	26
>ERBB2-T791RLLGICLTSTV	15	>ERBB2-T791RLLGICLISTV	14	1
>ERBB2-T791RLLGICLT	582	>ERBB2-T791RLLGICLI	58	524
>ERBB2-T791RLLGICLTST	207	>ERBB2-T791RLLGICLIST	204	3
>ERBB2-T791RLLGICLTSTV	29	>ERBB2-T791RLLGICLISTV	39	10
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>ERBB2-T791RLLGICLTST	52	>ERBB2-T791RLLGICLIST	89	37
>ERBB2-T791RLLGICLTSTV	13	>ERBB2-T791RLLGICLISTV	13	0
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>ERBB2-T791RLLGICLTSTV	19	>ERBB2-T791RLLGICLISTV	15	4
>ERBB2-T791RLLGICLT	35	>ERBB2-T791RLLGICLI	4	31
>ERBB2-T791RLLGICLTST	95	>ERBB2-T791RLLGICLIST	82	13
>ERBB2-T791RLLGICLTSTV	2	>ERBB2-T791RLLGICLISTV	2	0
>ERBB2-T791RLLGICLT	2159	>ERBB2-T791RLLGICLI	37	2122
>ERBB2-T791RLLGICLTSTV	5	>ERBB2-T791RLLGICLISTV	5	0
>ERBB2-T791RLLGICLT	112	>ERBB2-T791RLLGICLI	11	101
>ERBB2-T791RLLGICLTST	401	>ERBB2-T791RLLGICLIST	323	78
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>ERBB2-T791RLLGICLT	541	>ERBB2-T791RLLGICLI	13	528
>ERBB2-T791RLLGICLTSTV	2	>ERBB2-T791RLLGICLISTV	3	1
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>ERBB2-T791RLLGICLTSTV	2	>ERBB2-T791RLLGICLISTV	2	0
>ERBB2-T791RLLGICLT	2775	>ERBB2-T791RLLGICLI	26	2749
>ERBB2-T791RLLGICLTS	163	>ERBB2-T791RLLGICLIS	1764	1601
>ERBB2-T791RLLGICLTST	360	>ERBB2-T791RLLGICLIST	573	213
>ERBB2-T791RLLGICLTSTV	23	>ERBB2-T791RLLGICLISTV	61	38
>ERBB2-T791RLLGICLTSTV	241	>ERBB2-T791RLLGICLISTV	261	20
>ERBB2-T791SRLLGICLT	14965	>ERBB2-T791SRLLGICLI	117	14848
>ERBB2-T791SRLLGICLT	1325	>ERBB2-T791SRLLGICLI	110	1215
>ERBB2-T791SRLLGICLT	1261	>ERBB2-T791SRLLGICLI	233	1028
>ERBB2-T791SRLLGICLT	2193	>ERBB2-T791SRLLGICLI	54	2139
>ERBB2-T791VSRLGICLT	1786	>ERBB2-T791VSRLGICLI	87	1699

>ERBB2-T791VSRLGICLT	2652	>ERBB2-T791VSRLGICLI	47	2605
>ERBB2-T791VSRLGICLT	4443	>ERBB2-T791VSRLGICLI	458	3985
>ERBB2-T791VSRLGICLT	24104	>ERBB2-T791VSRLGICLI	107	23997
>ERBB2-V75(PVAIKVLR	316	>ERBB2-V75(PEAIKVLR	11061	10745
>ERBB2-V75(IPDGENVKIP\	314	>ERBB2-V75(IPDGENVKIP{	17681	17367
>ERBB2-V75(IPDGENVKIP\	279	>ERBB2-V75(IPDGENVKIP{	5850	5571
>ERBB2-V75(IPVAIKVL	54	>ERBB2-V75(IPEAIKVL	176	122
>ERBB2-V75(IPVAIKVLR	125	>ERBB2-V75(IPEAIKVLR	500	375
>ERBB2-V75(IPVAIKVL	70	>ERBB2-V75(IPEAIKVL	146	76
>ERBB2-V75(IPVAIKVL	399	>ERBB2-V75(IPEAIKVL	1329	930
>ERBB2-V75(IPVAIKVL	293	>ERBB2-V75(IPEAIKVL	678	385
>ERBB2-V75(IPVAIKVLR	232	>ERBB2-V75(IPEAIKVLR	2997	2765
>ERBB2-V75(IPVAIKVL	245	>ERBB2-V75(IPEAIKVL	1523	1278
>ERBB2-V75(IPVAIKVL	531	>ERBB2-V75(IPEAIKVL	440	91
>ERBB2-V75(IPVAIKVLR	109	>ERBB2-V75(IPEAIKVLR	308	199
>ERBB2-V75(KIPVAIKV	1695	>ERBB2-V75(KIPEAIKV	293	1402
>ERBB2-V75(KIPVAIKV	376	>ERBB2-V75(KIPEAIKV	79	297
>ERBB2-V75(KIPVAIKV	128	>ERBB2-V75(KIPEAIKV	45	83
>ERBB2-V75(KIPVAIKV	132	>ERBB2-V75(KIPEAIKV	19	113
>ERBB2-V75(KIPVAIKVL	4448	>ERBB2-V75(KIPEAIKVL	199	4249
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>ERBB2-V75(KIPVAIKV	105	>ERBB2-V75(KIPEAIKV	30	75
>ERBB2-V75(KIPVAIKV	2629	>ERBB2-V75(KIPEAIKV	435	2194
>ERBB2-V75(KIPVAIKV	64	>ERBB2-V75(KIPEAIKV	14	50
>ERBB2-V75(KIPVAIKVLR	31	>ERBB2-V75(KIPEAIKVLR	31	0
>ERBB2-V75(KIPVAIKVLR	64	>ERBB2-V75(KIPEAIKVLR	63	1
>ERBB2-V75(KIPVAIKVL	82	>ERBB2-V75(KIPEAIKVL	45	37
>ERBB2-V75(KIPVAIKVLR	440	>ERBB2-V75(KIPEAIKVLR	473	33
>ERBB2-V75(KIPVAIKVLR	32	>ERBB2-V75(KIPEAIKVLR	34	2
>ERBB2-V75(VKIPVAIKV	569	>ERBB2-V75(VKIPEAIKV	368	201
>ERBB2-V75(VKIPVAIKVL	67	>ERBB2-V75(VKIPEAIKVL	47	20
>ERBB2-V75(NVKIPVAIK	129	>ERBB2-V75(NVKIPEAIK	675	546
>ERBB2-V75(NVKIPVAIK	172	>ERBB2-V75(NVKIPEAIK	197	25
>ERBB2-V75(NVKIPVAI	253	>ERBB2-V75(NVKIPEAI	579	326
>ERBB2-V75(NVKIPVAIKV	115	>ERBB2-V75(NVKIPEAIKV	447	332
>ERBB2-V75(NVKIPVAIKV	407	>ERBB2-V75(NVKIPEAIKV	1408	1001
>ERBB2-V75(ENVKIPVAI	144	>ERBB2-V75(ENVKIPEAI	128	16
>ERBB2-V75(ENVKIPVAIK\	90	>ERBB2-V75(ENVKIPEAIK\	246	156
>ERBB2-V75(GENVKIPVAI	279	>ERBB2-V75(GENVKIPEAI	154	125
>ERBB2-V75(GENVKIPV	246	>ERBB2-V75(GENVKIPE	8697	8451
>ERBB2-V75(GENVKIPV	89	>ERBB2-V75(GENVKIPE	2640	2551
>ERBB2-V75(GENVKIPVA	120	>ERBB2-V75(GENVKIPEA	95	25
>ERBB2-V75(GENVKIPVAI	160	>ERBB2-V75(GENVKIPEAI	255	95

>ERBB2-V75(GENVKIPV	106	>ERBB2-V75(GENVKIPE	3098	2992
>ERBB2-V75(GENVKIPVA	24	>ERBB2-V75(GENVKIPEA	23	1
>ERBB2-V75(GENVKIPVA	372	>ERBB2-V75(GENVKIPEA	283	89
>ERBB2-V75(GENVKIPVAI	23	>ERBB2-V75(GENVKIPEAI	28	5
>ERBB2-V77:VMAGVGSPY	36	>ERBB2-V77:AMAGVGSPY	31	5
>ERBB2-V77:VMAGVGSPY	36	>ERBB2-V77:AMAGVGSPY	21	15
>ERBB2-V77:VMAGVGSPY	947	>ERBB2-V77:AMAGVGSPY	450	497
>ERBB2-V77:VMAGVGSPY	25	>ERBB2-V77:AMAGVGSPY	16	9
>ERBB2-V77:VMAGVGSPY	88	>ERBB2-V77:AMAGVGSPY	76	12
>ERBB2-V77:VMAGVGSPY	1	>ERBB2-V77:AMAGVGSPY	1	0
>ERBB2-V77:VMAGVGSPY	128	>ERBB2-V77:AMAGVGSPY	178	50
>ERBB2-V77:VMAGVGSPY	4	>ERBB2-V77:AMAGVGSPY	4	0
>ERBB2-V77:VMAGVGSPY	4	>ERBB2-V77:AMAGVGSPY	4	0
>ERBB2-V77:VMAGVGSPY	2	>ERBB2-V77:AMAGVGSPY	3	1
>ERBB2-V77:VMAGVGSPY	2	>ERBB2-V77:AMAGVGSPY	2	0
>ERBB2-V77:VMAGVGSPY	183	>ERBB2-V77:AMAGVGSPY	166	17
>ERBB2-V77:VMAGVGSPY	876	>ERBB2-V77:AMAGVGSPY	246	630
>ERBB2-V77:VMAGVGSPY	16	>ERBB2-V77:AMAGVGSPY	19	3
>ERBB2-V77:VMAGVGSPY	16	>ERBB2-V77:AMAGVGSPY	21	5
>ERBB2-V77:VMAGVGSPY	292	>ERBB2-V77:AMAGVGSPY	236	56
>ERBB2-V77:VMAGVGSPY	166	>ERBB2-V77:AMAGVGSPY	486	320
>ERBB2-V77:VMAGVGSPY	29	>ERBB2-V77:AMAGVGSPY	26	3
>ERBB2-V77:VMAGVGSPY	694	>ERBB2-V77:AMAGVGSPY	435	259
>ERBB2-V77:VMAGVGSPY	12	>ERBB2-V77:AMAGVGSPY	13	1
>ERBB2-V77:VMAGVGSPY	19	>ERBB2-V77:AMAGVGSPY	16	3
>ERBB2-V77:VMAGVGSPY	479	>ERBB2-V77:AMAGVGSPY	328	151
>ERBB2-V77:VMAGVGSPY	81	>ERBB2-V77:AMAGVGSPY	211	130
>ERBB2-V77:VMAGVGSPY	88	>ERBB2-V77:AMAGVGSPY	144	56
>ERBB2-V77:VMAGVGSPY	698	>ERBB2-V77:AMAGVGSPY	183	515
>ERBB2-V77:VMAGVGSPY	475	>ERBB2-V77:AMAGVGSPY	431	44
>ERBB2-V77:YVMAGVGSP	2061	>ERBB2-V77:YAMAGVGSP	330	1731
>ERBB2-V77:YVMAGVGSP	7	>ERBB2-V77:YAMAGVGSP	13	6
>ERBB2-V77:YVMAGVGSP	6	>ERBB2-V77:YAMAGVGSP	17	11
>ERBB2-V77:YVMAGVGSP	3	>ERBB2-V77:YAMAGVGSP	7	4
>ERBB2-V77:YVMAGVGS	89	>ERBB2-V77:YAMAGVGS	474	385
>ERBB2-V77:YVMAGVGSP	3	>ERBB2-V77:YAMAGVGSP	4	1
>ERBB2-V77:YVMAGVGSP	2	>ERBB2-V77:YAMAGVGSP	4	2
>ERBB2-V77:YVMAGVGSP	5	>ERBB2-V77:YAMAGVGSP	21	16
>ERBB2-V77:YVMAGVGSP	7	>ERBB2-V77:YAMAGVGSP	18	11
>ERBB2-V77:YVMAGVGSP	2	>ERBB2-V77:YAMAGVGSP	4	2
>ERBB2-V77:YVMAGVGSP	2	>ERBB2-V77:YAMAGVGSP	5	3
>ERBB2-V77:YVMAGVGSP	71	>ERBB2-V77:YAMAGVGSP	260	189
>ERBB2-V77:YVMAGVGSP	137	>ERBB2-V77:YAMAGVGSP	467	330

>ERBB2-V77:YVMAGVGSP	86	>ERBB2-V77:YAMAGVGSP	1171	1085
>ERBB2-V77:YVMAGVGSP	401	>ERBB2-V77:YAMAGVGSP	1619	1218
>ERBB2-V77:YVMAGVGSP	6	>ERBB2-V77:YAMAGVGSP	85	79
>ERBB2-V77:YVMAGVGSP	143	>ERBB2-V77:YAMAGVGSP	1547	1404
>ERBB2-V77:YVMAGVGSP	222	>ERBB2-V77:YAMAGVGSP	337	115
>ERBB2-V77:YVMAGVGSP	77	>ERBB2-V77:YAMAGVGSP	81	4
>ERBB2-V77:YVMAGVGSP	28	>ERBB2-V77:YAMAGVGSP	42	14
>ERBB2-V77:YVMAGVGS	352	>ERBB2-V77:YAMAGVGS	1749	1397
>ERBB2-V77:YVMAGVGSP	10	>ERBB2-V77:YAMAGVGSP	23	13
>ERBB2-V77:YVMAGVGSP	4	>ERBB2-V77:YAMAGVGSP	6	2
>ERBB2-V77:YVMAGVGSP	22	>ERBB2-V77:YAMAGVGSP	268	246
>ERBB2-V77:YVMAGVGSP	32	>ERBB2-V77:YAMAGVGSP	35	3
>ERBB2-V77:YVMAGVGSP	410	>ERBB2-V77:YAMAGVGSP	707	297
>ERBB2-V77:YVMAGVGSP	10	>ERBB2-V77:YAMAGVGSP	15	5
>ERBB2-V77:YVMAGVGSP	76	>ERBB2-V77:YAMAGVGSP	21	55
>ERBB2-V77:YVMAGVGSP	18	>ERBB2-V77:YAMAGVGSP	6	12
>ERBB2-V77:YVMAGVGSP	2376	>ERBB2-V77:YAMAGVGSP	240	2136
>ERBB2-V77:YVMAGVGSP	504	>ERBB2-V77:YAMAGVGSP	60	444
>ERBB2-V77:YVMAGVGSP	2679	>ERBB2-V77:YAMAGVGSP	403	2276
>ERBB2-V77:YVMAGVGSP	261	>ERBB2-V77:YAMAGVGSP	410	149
>ERBB2-V77:YVMAGVGSP	79	>ERBB2-V77:YAMAGVGSP	157	78
>ERBB2-V77:AYVMAGVGS	450	>ERBB2-V77:AYAMAGVGS	1221	771
>ERBB2-V77:AYVMAGVGS	149	>ERBB2-V77:AYAMAGVGS	109	40
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>ERBB2-V77:AYVMAGVGS	395	>ERBB2-V77:AYAMAGVGS	443	48
>ERBB2-V77:AYVMAGVGS	457	>ERBB2-V77:AYAMAGVGS	301	156
>ERBB2-V77:AYVMAGVGS	1696	>ERBB2-V77:AYAMAGVGS	411	1285
>ERBB2-V77:EAYVMAGV	14	>ERBB2-V77:EAYAMAGV	7	7
>ERBB2-V77:EAYVMAGV	6	>ERBB2-V77:EAYAMAGV	5	1
>ERBB2-V77:DEAYVMAGV	33	>ERBB2-V77:DEAYAMAGV	84	51
>ERBB2-V77:DEAYVMAGV	39	>ERBB2-V77:DEAYAMAGV	102	63
>ERBB2-V77:DEAYVMAGV	158	>ERBB2-V77:DEAYAMAGV	92	66
>ERBB2-V77:DEAYVMAGV	472	>ERBB2-V77:DEAYAMAGV	325	147
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>ERBB2-V77:LDEAYVMAG	139	>ERBB2-V77:LDEAYAMAG	88	51
>ERBB2-V77:ILDEAYVM	111	>ERBB2-V77:ILDEAYAM	51	60
>ERBB2-V77:ILDEAYVMA	38	>ERBB2-V77:ILDEAYAMA	34	4
>ERBB2-V77:ILDEAYVMAC	11	>ERBB2-V77:ILDEAYAMAC	11	0
>ERBB2-V77:ILDEAYVM	192	>ERBB2-V77:ILDEAYAM	66	126
>ERBB2-V77:ILDEAYVMA	44	>ERBB2-V77:ILDEAYAMA	34	10
>ERBB2-V77:ILDEAYVMAC	6	>ERBB2-V77:ILDEAYAMAC	5	1
>ERBB2-V77:ILDEAYVMA	172	>ERBB2-V77:ILDEAYAMA	31	141

>ERBB2-V77:ILDEAYVMAC	11	>ERBB2-V77:ILDEAYAMAC	8	3
>ERBB2-V77:ILDEAYVM	334	>ERBB2-V77:ILDEAYAM	91	243
>ERBB2-V77:ILDEAYVMA	44	>ERBB2-V77:ILDEAYAMA	37	7
>ERBB2-V77:ILDEAYVMAC	7	>ERBB2-V77:ILDEAYAMAC	7	0
>ERBB2-V77:ILDEAYVM	17	>ERBB2-V77:ILDEAYAM	10	7
>ERBB2-V77:ILDEAYVMA	6	>ERBB2-V77:ILDEAYAMA	5	1
>ERBB2-V77:ILDEAYVMAC	137	>ERBB2-V77:ILDEAYAMAC	304	167
>ERBB2-V77:ILDEAYVMAC	2	>ERBB2-V77:ILDEAYAMAC	2	0
>ERBB2-V77:ILDEAYVM	31	>ERBB2-V77:ILDEAYAM	15	16
>ERBB2-V77:ILDEAYVMA	63	>ERBB2-V77:ILDEAYAMA	35	28
>ERBB2-V77:ILDEAYVMAC	3	>ERBB2-V77:ILDEAYAMAC	3	0
>ERBB2-V77:ILDEAYVM	76	>ERBB2-V77:ILDEAYAM	85	9
>ERBB2-V77:ILDEAYVMA	11	>ERBB2-V77:ILDEAYAMA	15	4
>ERBB2-V77:ILDEAYVMAC	4	>ERBB2-V77:ILDEAYAMAC	4	0
>ERBB2-V77:ILDEAYVM	31	>ERBB2-V77:ILDEAYAM	22	9
>ERBB2-V77:ILDEAYVMA	43	>ERBB2-V77:ILDEAYAMA	14	29
>ERBB2-V77:ILDEAYVMAC	3	>ERBB2-V77:ILDEAYAMAC	2	1
>ERBB2-V77:ILDEAYVM	77	>ERBB2-V77:ILDEAYAM	60	17
>ERBB2-V77:ILDEAYVMA	8	>ERBB2-V77:ILDEAYAMA	7	1
>ERBB2-V77:ILDEAYVMAC	2	>ERBB2-V77:ILDEAYAMAC	2	0
>ERBB2-V77:ILDEAYVMAC	45	>ERBB2-V77:ILDEAYAMAC	33	12
>ERBB2-V77:ILDEAYVM	1677	>ERBB2-V77:ILDEAYAM	380	1297
>ERBB2-V77:EILDEAYV	471	>ERBB2-V77:EILDEAYA	4164	3693
>ERBB2-V77:EILDEAYV	100	>ERBB2-V77:EILDEAYA	903	803
>ERBB2-V77:EILDEAYV	11	>ERBB2-V77:EILDEAYA	477	466
>ERBB2-V77:EILDEAYV	83	>ERBB2-V77:EILDEAYA	3760	3677
>ERBB2-V77:EILDEAYV	24	>ERBB2-V77:EILDEAYA	2182	2158
>ERBB2-V77:EILDEAYV	5	>ERBB2-V77:EILDEAYA	167	162
>ERBB2-V77:EILDEAYVM	362	>ERBB2-V77:EILDEAYAM	207	155
>ERBB2-V77:EILDEAYVMA	635	>ERBB2-V77:EILDEAYAMA	340	295
>ERBB2-V77:EILDEAYV	11	>ERBB2-V77:EILDEAYA	1094	1083
>ERBB2-V77:EILDEAYVM	1229	>ERBB2-V77:EILDEAYAM	277	952
>ERBB2-V77:EILDEAYVM	39	>ERBB2-V77:EILDEAYAM	16	23
>ERBB2-V77:EILDEAYV	34	>ERBB2-V77:EILDEAYA	476	442
>ERBB2-V77:EILDEAYV	5	>ERBB2-V77:EILDEAYA	34	29
>ERBB2-V77:EILDEAYVM	33	>ERBB2-V77:EILDEAYAM	9	24
>ERBB2-V77:EILDEAYVMA	16	>ERBB2-V77:EILDEAYAMA	10	6
>ERBB2-V77:EILDEAYVM	550	>ERBB2-V77:EILDEAYAM	74	476
>ERBB2-V77:KEILDEAYV	310	>ERBB2-V77:KEILDEAYA	6851	6541
>ERBB2-V77:KEILDEAYVM	163	>ERBB2-V77:KEILDEAYAM	91	72
>ERBB2-V77:KEILDEAYVM	289	>ERBB2-V77:KEILDEAYAM	645	356
>ERBB2-V77:KEILDEAYV	536	>ERBB2-V77:KEILDEAYA	107	429
>ERBB2-V77:KEILDEAYVM	50	>ERBB2-V77:KEILDEAYAM	52	2

>ERBB2-V77; KEILDEAYV	32	>ERBB2-V77; KEILDEAYA	1595	1563
>ERBB2-V77; KEILDEAYVM	15	>ERBB2-V77; KEILDEAYAM	12	3
>ERBB2-V77; KEILDEAYVM	468	>ERBB2-V77; KEILDEAYAM	623	155
>ERBB2-V77; VGSPYVSR	709	>ERBB2-V77; AGSPYVSR	453	256
>ERBB2-V77; VGSPYVSRL	207	>ERBB2-V77; AGSPYVSRL	219	12
>ERBB2-V77; VGSPYVSRL	195	>ERBB2-V77; AGSPYVSRL	351	156
>ERBB2-V77; GVGSPYVSRL	478	>ERBB2-V77; GAGSPYVSRL	1596	1118
>ERBB2-V77; GVGSPYVSR	324	>ERBB2-V77; GAGSPYVSR	3398	3074
>ERBB2-V77; GVGSPYVSR	82	>ERBB2-V77; GAGSPYVSR	146	64
>ERBB2-V77; ILDEAYVMAC	11	>ERBB2-V77; ILDEAYVMAC	39	28
>ERBB2-V77; ILDEAYVMAC	6	>ERBB2-V77; ILDEAYVMAC	35	29
>ERBB2-V77; ILDEAYVMAC	11	>ERBB2-V77; ILDEAYVMAC	36	25
>ERBB2-V77; ILDEAYVMAC	7	>ERBB2-V77; ILDEAYVMAC	27	20
>ERBB2-V77; ILDEAYVMAC	2	>ERBB2-V77; ILDEAYVMAC	6	4
>ERBB2-V77; ILDEAYVMAC	3	>ERBB2-V77; ILDEAYVMAC	22	19
>ERBB2-V77; ILDEAYVMAC	4	>ERBB2-V77; ILDEAYVMAC	15	11
>ERBB2-V77; ILDEAYVMAC	3	>ERBB2-V77; ILDEAYVMAC	28	25
>ERBB2-V77; ILDEAYVMAC	2	>ERBB2-V77; ILDEAYVMAC	10	8
>ERBB2-V77; ILDEAYVMAC	45	>ERBB2-V77; ILDEAYVMAC	1481	1436
>ERBB2-V77; AGVGSPYV	354	>ERBB2-V77; AGAGSPYV	512	158
>ERBB2-V77; AGVGSPYV	586	>ERBB2-V77; AGAGSPYV	459	127
>ERBB2-V77; AGVGSPYV	899	>ERBB2-V77; AGAGSPYV	201	698
>ERBB2-V77; AGVGSPYV	767	>ERBB2-V77; AGAGSPYV	343	424
>ERBB2-V77; AGVGSPYVSF	254	>ERBB2-V77; AGAGSPYVSF	777	523
>ERBB2-V77; MAGVGSPYV	724	>ERBB2-V77; MAGAGSPYV	130	594
>ERBB2-V77; MAGVGSPYV	1158	>ERBB2-V77; MAGAGSPYV	189	969
>ERBB2-V77; MAGVGSPYV	2032	>ERBB2-V77; MAGAGSPYV	414	1618
>ERBB2-V77; MAGVGSPYV	34	>ERBB2-V77; MAGAGSPYV	18	16
>ERBB2-V77; MAGVGSPYV	53	>ERBB2-V77; MAGAGSPYV	14	39
>ERBB2-V77; MAGVGSPYV	48	>ERBB2-V77; MAGAGSPYV	27	21
>ERBB2-V77; MAGVGSPYV	49	>ERBB2-V77; MAGAGSPYV	42	7
>ERBB2-V77; MAGVGSPYV	31	>ERBB2-V77; MAGAGSPYV	11	20
>ERBB2-V77; MAGVGSPY	121	>ERBB2-V77; MAGAGSPY	93	28
>ERBB2-V77; MAGVGSPY	176	>ERBB2-V77; MAGAGSPY	190	14
>ERBB2-V77; MAGVGSPYV	51	>ERBB2-V77; MAGAGSPYV	53	2
>ERBB2-V77; MAGVGSPYV	374	>ERBB2-V77; MAGAGSPYV	473	99
>ERBB2-V77; MAGVGSPYV	61	>ERBB2-V77; MAGAGSPYV	42	19
>ERBB2-V77; MAGVGSPYV	490	>ERBB2-V77; MAGAGSPYV	114	376
>ERBB2-V77; MAGVGSPYV	15	>ERBB2-V77; MAGAGSPYV	8	7
>ERBB2-V77; MAGVGSPY	76	>ERBB2-V77; MAGAGSPY	53	23
>ERBB2-V77; MAGVGSPY	461	>ERBB2-V77; MAGAGSPY	219	242
>ERBB2-V77; MAGVGSPY	318	>ERBB2-V77; MAGAGSPY	199	119
>ERBB2-V77; MAGVGSPY	26	>ERBB2-V77; MAGAGSPY	20	6



>ERBB2-V77;MAGVGSPY	13	>ERBB2-V77;MAGAGSPY	10	3
>ERBB2-V77;MAGVGSPYV	1305	>ERBB2-V77;MAGAGSPYV	498	807
>ERBB2-V77;VMAGVGSPY	36	>ERBB2-V77;VMAGAGSPY	33	3
>ERBB2-V77;VMAGVGSPY	36	>ERBB2-V77;VMAGAGSPY	29	7
>ERBB2-V77;VMAGVGSPY	25	>ERBB2-V77;VMAGAGSPY	24	1
>ERBB2-V77;VMAGVGSPY	88	>ERBB2-V77;VMAGAGSPY	105	17
>ERBB2-V77;VMAGVGSPY	1	>ERBB2-V77;VMAGAGSPY	2	1
>ERBB2-V77;VMAGVGSPY	128	>ERBB2-V77;VMAGAGSPY	423	295
>ERBB2-V77;VMAGVGSPY	4	>ERBB2-V77;VMAGAGSPY	4	0
>ERBB2-V77;VMAGVGSPY	4	>ERBB2-V77;VMAGAGSPY	4	0
>ERBB2-V77;VMAGVGSPY	2	>ERBB2-V77;VMAGAGSPY	2	0
>ERBB2-V77;VMAGVGSPY	2	>ERBB2-V77;VMAGAGSPY	2	0
>ERBB2-V77;VMAGVGSPY	183	>ERBB2-V77;VMAGAGSPY	366	183
>ERBB2-V77;VMAGVGSPY	16	>ERBB2-V77;VMAGAGSPY	18	2
>ERBB2-V77;VMAGVGSPY	16	>ERBB2-V77;VMAGAGSPY	16	0
>ERBB2-V77;VMAGVGSPY	292	>ERBB2-V77;VMAGAGSPY	181	111
>ERBB2-V77;VMAGVGSPY	166	>ERBB2-V77;VMAGAGSPY	741	575
>ERBB2-V77;VMAGVGSPY	29	>ERBB2-V77;VMAGAGSPY	25	4
>ERBB2-V77;VMAGVGSPY	694	>ERBB2-V77;VMAGAGSPY	373	321
>ERBB2-V77;VMAGVGSPY	12	>ERBB2-V77;VMAGAGSPY	10	2
>ERBB2-V77;VMAGVGSPY	19	>ERBB2-V77;VMAGAGSPY	10	9
>ERBB2-V77;VMAGVGSPY	479	>ERBB2-V77;VMAGAGSPY	114	365
>ERBB2-V77;VMAGVGSPY	81	>ERBB2-V77;VMAGAGSPY	44	37
>ERBB2-V77;VMAGVGSPY	88	>ERBB2-V77;VMAGAGSPY	270	182
>ERBB2-V77;VMAGVGSPY	475	>ERBB2-V77;VMAGAGSPY	479	4
>ERBB2-V77;YVMAGVGSP	7	>ERBB2-V77;YVMAGAGSP	11	4
>ERBB2-V77;YVMAGVGSP	6	>ERBB2-V77;YVMAGAGSP	8	2
>ERBB2-V77;YVMAGVGSP	3	>ERBB2-V77;YVMAGAGSP	3	0
>ERBB2-V77;YVMAGVGS	89	>ERBB2-V77;YVMAGAGS	101	12
>ERBB2-V77;YVMAGVGSP	3	>ERBB2-V77;YVMAGAGSP	3	0
>ERBB2-V77;YVMAGVGSP	2	>ERBB2-V77;YVMAGAGSP	3	1
>ERBB2-V77;YVMAGVGSP	5	>ERBB2-V77;YVMAGAGSP	6	1
>ERBB2-V77;YVMAGVGSP	7	>ERBB2-V77;YVMAGAGSP	10	3
>ERBB2-V77;YVMAGVGSP	2	>ERBB2-V77;YVMAGAGSP	3	1
>ERBB2-V77;YVMAGVGSP	2	>ERBB2-V77;YVMAGAGSP	2	0
>ERBB2-V77;YVMAGVGSP	71	>ERBB2-V77;YVMAGAGSP	77	6
>ERBB2-V77;YVMAGVGSP	137	>ERBB2-V77;YVMAGAGSP	225	88
>ERBB2-V77;YVMAGVGSP	86	>ERBB2-V77;YVMAGAGSP	217	131
>ERBB2-V77;YVMAGVGSP	401	>ERBB2-V77;YVMAGAGSP	538	137
>ERBB2-V77;YVMAGVGSP	6	>ERBB2-V77;YVMAGAGSP	8	2
>ERBB2-V77;YVMAGVGSP	143	>ERBB2-V77;YVMAGAGSP	169	26
>ERBB2-V77;YVMAGVGSP	222	>ERBB2-V77;YVMAGAGSP	263	41
>ERBB2-V77;YVMAGVGSP	77	>ERBB2-V77;YVMAGAGSP	98	21

>ERBB2-V77;YVMAGVGSP	28	>ERBB2-V77;YVMAGAGSP	42	14
>ERBB2-V77;YVMAGVGS	352	>ERBB2-V77;YVMAGAGS	455	103
>ERBB2-V77;YVMAGVGSP	10	>ERBB2-V77;YVMAGAGSP	9	1
>ERBB2-V77;YVMAGVGSP	4	>ERBB2-V77;YVMAGAGSP	4	0
>ERBB2-V77;YVMAGVGSP	22	>ERBB2-V77;YVMAGAGSP	28	6
>ERBB2-V77;YVMAGVGSP	32	>ERBB2-V77;YVMAGAGSP	35	3
>ERBB2-V77;YVMAGVGSP	410	>ERBB2-V77;YVMAGAGSP	548	138
>ERBB2-V77;YVMAGVGSP	10	>ERBB2-V77;YVMAGAGSP	9	1
>ERBB2-V77;YVMAGVGSP	76	>ERBB2-V77;YVMAGAGSP	81	5
>ERBB2-V77;YVMAGVGSP	18	>ERBB2-V77;YVMAGAGSP	12	6
>ERBB2-V77;YVMAGVGSP	261	>ERBB2-V77;YVMAGAGSP	197	64
>ERBB2-V77;YVMAGVGSP	79	>ERBB2-V77;YVMAGAGSP	168	89
>ERBB2-V77;AYVMAGVGS	450	>ERBB2-V77;AYVMAGAGS	225	225
>ERBB2-V77;AYVMAGVGS	149	>ERBB2-V77;AYVMAGAGS	133	16
>ERBB2-V77;AYVMAGVGS	390	>ERBB2-V77;AYVMAGAGS	236	154
>ERBB2-V77;AYVMAGVGS	700	>ERBB2-V77;AYVMAGAGS	471	229
>ERBB2-V77;AYVMAGVGS	532	>ERBB2-V77;AYVMAGAGS	382	150
>ERBB2-V77;AYVMAGVGS	395	>ERBB2-V77;AYVMAGAGS	445	50
>ERBB2-V77;AYVMAGVGS	457	>ERBB2-V77;AYVMAGAGS	472	15
>ERBB2-V77;EAYVMAGV	14	>ERBB2-V77;EAYVMAGA	92	78
>ERBB2-V77;EAYVMAGV	6	>ERBB2-V77;EAYVMAGA	83	77
>ERBB2-V77;DEAYVMAGV	33	>ERBB2-V77;DEAYVMAGA	1225	1192
>ERBB2-V77;DEAYVMAGV	39	>ERBB2-V77;DEAYVMAGA	597	558
>ERBB2-V77;DEAYVMAGV	158	>ERBB2-V77;DEAYVMAGA	389	231
>ERBB2-V77;DEAYVMAGV	472	>ERBB2-V77;DEAYVMAGA	484	12
>ERBB2-V77;DEAYVMAGV	1238	>ERBB2-V77;DEAYVMAGA	236	1002
>ERBB2-V77;DEAYVMAGV	411	>ERBB2-V77;DEAYVMAGA	7830	7419
>ERBB2-V77;LDEAYVMAG	139	>ERBB2-V77;LDEAYVMAG	3106	2967
>ERBB2-V77;VGSPYVSRL	1312	>ERBB2-V77;LGSPYVSRL	398	914
>ERBB2-V77;VGSPYVSRL	207	>ERBB2-V77;LGSPYVSRL	228	21
>ERBB2-V77;VGSPYVSRL	195	>ERBB2-V77;LGSPYVSRL	144	51
>ERBB2-V77;GVGSPYVSRL	478	>ERBB2-V77;GLGSPYVSRL	28	450
>ERBB2-V77;GVGSPYVSRL	3409	>ERBB2-V77;GLGSPYVSRL	140	3269
>ERBB2-V77;GVGSPYVSRL	2308	>ERBB2-V77;GLGSPYVSRL	239	2069
>ERBB2-V77;GVGSPYVSRL	888	>ERBB2-V77;GLGSPYVSRL	9	879
>ERBB2-V77;GVGSPYVSRL	3993	>ERBB2-V77;GLGSPYVSRL	55	3938
>ERBB2-V77;GVGSPYVSRL	5394	>ERBB2-V77;GLGSPYVSRL	52	5342
>ERBB2-V77;GVGSPYVSRL	6842	>ERBB2-V77;GLGSPYVSRL	244	6598
>ERBB2-V77;GVGSPYVSRL	4309	>ERBB2-V77;GLGSPYVSRL	54	4255
>ERBB2-V77;GVGSPYVSRL	6744	>ERBB2-V77;GLGSPYVSRL	160	6584
>ERBB2-V77;GVGSPYVSRL	11514	>ERBB2-V77;GLGSPYVSRL	308	11206
>ERBB2-V77;GVGSPYVSRL	504	>ERBB2-V77;GLGSPYVSRL	5	499
>ERBB2-V77;GVGSPYVSRL	4859	>ERBB2-V77;GLGSPYVSRL	68	4791

>ERBB2-V77;GVGSPYVSR	324	>ERBB2-V77;GLGSPYVSR	3003	2679
>ERBB2-V77;GVGSPYVSR	82	>ERBB2-V77;GLGSPYVSR	115	33
>ERBB2-V77;ILDEAYVMAC	11	>ERBB2-V77;ILDEAYVMAC	19	8
>ERBB2-V77;ILDEAYVMAC	6	>ERBB2-V77;ILDEAYVMAC	8	2
>ERBB2-V77;ILDEAYVMAC	11	>ERBB2-V77;ILDEAYVMAC	62	51
>ERBB2-V77;ILDEAYVMAC	7	>ERBB2-V77;ILDEAYVMAC	22	15
>ERBB2-V77;ILDEAYVMAC	2	>ERBB2-V77;ILDEAYVMAC	3	1
>ERBB2-V77;ILDEAYVMAC	3	>ERBB2-V77;ILDEAYVMAC	7	4
>ERBB2-V77;ILDEAYVMAC	4	>ERBB2-V77;ILDEAYVMAC	8	4
>ERBB2-V77;ILDEAYVMAC	3	>ERBB2-V77;ILDEAYVMAC	7	4
>ERBB2-V77;ILDEAYVMAC	2	>ERBB2-V77;ILDEAYVMAC	4	2
>ERBB2-V77;ILDEAYVMAC	45	>ERBB2-V77;ILDEAYVMAC	535	490
>ERBB2-V77;AGVGSPYV	354	>ERBB2-V77;AGLGSPYV	270	84
>ERBB2-V77;AGVGSPYV	586	>ERBB2-V77;AGLGSPYV	79	507
>ERBB2-V77;AGVGSPYV	899	>ERBB2-V77;AGLGSPYV	72	827
>ERBB2-V77;AGVGSPYV	767	>ERBB2-V77;AGLGSPYV	350	417
>ERBB2-V77;AGVGSPYVSF	254	>ERBB2-V77;AGLGSPYVSR	346	92
>ERBB2-V77;MAGVGSPYV	34	>ERBB2-V77;MAGLGSPYV	41	7
>ERBB2-V77;MAGVGSPYV	53	>ERBB2-V77;MAGLGSPYV	73	20
>ERBB2-V77;MAGVGSPYV	48	>ERBB2-V77;MAGLGSPYV	67	19
>ERBB2-V77;MAGVGSPYV	49	>ERBB2-V77;MAGLGSPYV	73	24
>ERBB2-V77;MAGVGSPYV	31	>ERBB2-V77;MAGLGSPYV	50	19
>ERBB2-V77;MAGVGSPY	121	>ERBB2-V77;MAGLGSPY	101	20
>ERBB2-V77;MAGVGSPY	176	>ERBB2-V77;MAGLGSPY	375	199
>ERBB2-V77;MAGVGSPYV	51	>ERBB2-V77;MAGLGSPYV:	81	30
>ERBB2-V77;MAGVGSPYV	374	>ERBB2-V77;MAGLGSPYV:	307	67
>ERBB2-V77;MAGVGSPYV	61	>ERBB2-V77;MAGLGSPYV:	77	16
>ERBB2-V77;MAGVGSPYV	490	>ERBB2-V77;MAGLGSPYV	538	48
>ERBB2-V77;MAGVGSPYV	15	>ERBB2-V77;MAGLGSPYV	18	3
>ERBB2-V77;MAGVGSPY	76	>ERBB2-V77;MAGLGSPY	96	20
>ERBB2-V77;MAGVGSPY	461	>ERBB2-V77;MAGLGSPY	929	468
>ERBB2-V77;MAGVGSPY	318	>ERBB2-V77;MAGLGSPY	630	312
>ERBB2-V77;MAGVGSPY	26	>ERBB2-V77;MAGLGSPY	28	2
>ERBB2-V77;MAGVGSPY	13	>ERBB2-V77;MAGLGSPY	12	1
>ERBB2-V77;VMAGVGSPY	36	>ERBB2-V77;VMAGLGSPY'	22	14
>ERBB2-V77;VMAGVGSPY	36	>ERBB2-V77;VMAGLGSPY'	28	8
>ERBB2-V77;VMAGVGSPY	25	>ERBB2-V77;VMAGLGSPY'	18	7
>ERBB2-V77;VMAGVGSPY	88	>ERBB2-V77;VMAGLGSPY'	60	28
>ERBB2-V77;VMAGVGSPY	1	>ERBB2-V77;VMAGLGSPY'	2	1
>ERBB2-V77;VMAGVGSPY	128	>ERBB2-V77;VMAGLGSPY'	314	186
>ERBB2-V77;VMAGVGSPY	4	>ERBB2-V77;VMAGLGSPY'	5	1
>ERBB2-V77;VMAGVGSPY	4	>ERBB2-V77;VMAGLGSPY'	4	0
>ERBB2-V77;VMAGVGSPY	2	>ERBB2-V77;VMAGLGSPY'	2	0

>ERBB2-V77;VMAGVGSPY	2	>ERBB2-V77;VMAGLGSPY	2	0
>ERBB2-V77;VMAGVGSPY	183	>ERBB2-V77;VMAGLGSPY	370	187
>ERBB2-V77;VMAGVGSPY	16	>ERBB2-V77;VMAGLGSPY	12	4
>ERBB2-V77;VMAGVGSPY	16	>ERBB2-V77;VMAGLGSPY	17	1
>ERBB2-V77;VMAGVGSPY	292	>ERBB2-V77;VMAGLGSPY	292	0
>ERBB2-V77;VMAGVGSPY	166	>ERBB2-V77;VMAGLGSPY	103	63
>ERBB2-V77;VMAGVGSPY	29	>ERBB2-V77;VMAGLGSPY	27	2
>ERBB2-V77;VMAGVGSPY	12	>ERBB2-V77;VMAGLGSPY	14	2
>ERBB2-V77;VMAGVGSPY	19	>ERBB2-V77;VMAGLGSPY	18	1
>ERBB2-V77;VMAGVGSPY	479	>ERBB2-V77;VMAGLGSPY	195	284
>ERBB2-V77;VMAGVGSPY	81	>ERBB2-V77;VMAGLGSPY	63	18
>ERBB2-V77;VMAGVGSPY	88	>ERBB2-V77;VMAGLGSPY	84	4
>ERBB2-V77;VMAGVGSPY	475	>ERBB2-V77;VMAGLGSPY	592	117
>ERBB2-V77;YVMAGVGSP	7	>ERBB2-V77;YVMAGLGSP	7	0
>ERBB2-V77;YVMAGVGSP	6	>ERBB2-V77;YVMAGLGSP	5	1
>ERBB2-V77;YVMAGVGSP	3	>ERBB2-V77;YVMAGLGSP	3	0
>ERBB2-V77;YVMAGVGS	89	>ERBB2-V77;YVMAGLGS	66	23
>ERBB2-V77;YVMAGVGSP	911	>ERBB2-V77;YVMAGLGSP	221	690
>ERBB2-V77;YVMAGVGSP	3	>ERBB2-V77;YVMAGLGSP	2	1
>ERBB2-V77;YVMAGVGSP	2	>ERBB2-V77;YVMAGLGSP	2	0
>ERBB2-V77;YVMAGVGSP	5	>ERBB2-V77;YVMAGLGSP	4	1
>ERBB2-V77;YVMAGVGSP	7	>ERBB2-V77;YVMAGLGSP	8	1
>ERBB2-V77;YVMAGVGSP	2	>ERBB2-V77;YVMAGLGSP	2	0
>ERBB2-V77;YVMAGVGSP	2	>ERBB2-V77;YVMAGLGSP	2	0
>ERBB2-V77;YVMAGVGSP	71	>ERBB2-V77;YVMAGLGSP	89	18
>ERBB2-V77;YVMAGVGSP	137	>ERBB2-V77;YVMAGLGSP	181	44
>ERBB2-V77;YVMAGVGSP	86	>ERBB2-V77;YVMAGLGSP	74	12
>ERBB2-V77;YVMAGVGSP	401	>ERBB2-V77;YVMAGLGSP	359	42
>ERBB2-V77;YVMAGVGSP	6	>ERBB2-V77;YVMAGLGSP	5	1
>ERBB2-V77;YVMAGVGSP	599	>ERBB2-V77;YVMAGLGSP	445	154
>ERBB2-V77;YVMAGVGSP	143	>ERBB2-V77;YVMAGLGSP	108	35
>ERBB2-V77;YVMAGVGSP	222	>ERBB2-V77;YVMAGLGSP	364	142
>ERBB2-V77;YVMAGVGSP	77	>ERBB2-V77;YVMAGLGSP	126	49
>ERBB2-V77;YVMAGVGSP	28	>ERBB2-V77;YVMAGLGSP	52	24
>ERBB2-V77;YVMAGVGS	352	>ERBB2-V77;YVMAGLGS	1575	1223
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>ERBB2-V77;YVMAGVGSP	4	>ERBB2-V77;YVMAGLGSP	4	0
>ERBB2-V77;YVMAGVGSP	22	>ERBB2-V77;YVMAGLGSP	18	4
>ERBB2-V77;YVMAGVGSP	32	>ERBB2-V77;YVMAGLGSP	35	3
>ERBB2-V77;YVMAGVGSP	410	>ERBB2-V77;YVMAGLGSP	667	257
>ERBB2-V77;YVMAGVGSP	10	>ERBB2-V77;YVMAGLGSP	12	2
>ERBB2-V77;YVMAGVGSP	76	>ERBB2-V77;YVMAGLGSP	111	35
>ERBB2-V77;YVMAGVGSP	18	>ERBB2-V77;YVMAGLGSP	17	1

>ERBB2-V77;YVMAGVGSP	504	>ERBB2-V77;YVMAGLGSP'	446	58
>ERBB2-V77;YVMAGVGSP	261	>ERBB2-V77;YVMAGLGSP'	290	29
>ERBB2-V77;YVMAGVGSP	79	>ERBB2-V77;YVMAGLGSP'	132	53
>ERBB2-V77;AYVMAGVGS	450	>ERBB2-V77;AYVMAGLGS	481	31
>ERBB2-V77;AYVMAGVGS	149	>ERBB2-V77;AYVMAGLGS	66	83
>ERBB2-V77;AYVMAGVGS	390	>ERBB2-V77;AYVMAGLGS	408	18
>ERBB2-V77;AYVMAGVGS	395	>ERBB2-V77;AYVMAGLGS	470	75
>ERBB2-V77;AYVMAGVGS	457	>ERBB2-V77;AYVMAGLGS	789	332
>ERBB2-V77;EAYVMAGV	1973	>ERBB2-V77;EAYVMAGL	367	1606
>ERBB2-V77;EAYVMAGV	14	>ERBB2-V77;EAYVMAGL	70	56
>ERBB2-V77;EAYVMAGV	6	>ERBB2-V77;EAYVMAGL	30	24
>ERBB2-V77;EAYVMAGV	1830	>ERBB2-V77;EAYVMAGL	44	1786
>ERBB2-V77;DEAYVMAGV	33	>ERBB2-V77;DEAYVMAGL	71	38
>ERBB2-V77;DEAYVMAGV	39	>ERBB2-V77;DEAYVMAGL	432	393
>ERBB2-V77;DEAYVMAGV	158	>ERBB2-V77;DEAYVMAGL	48	110
>ERBB2-V77;DEAYVMAGV	472	>ERBB2-V77;DEAYVMAGL	408	64
>ERBB2-V77;DEAYVMAGV	1561	>ERBB2-V77;DEAYVMAGL	206	1355
>ERBB2-V77;DEAYVMAGV	411	>ERBB2-V77;DEAYVMAGL	779	368
>ERBB2-V77;LDEAYVMAG	139	>ERBB2-V77;LDEAYVMAG	608	469
>ERBB2-V77;VGSPYVSRL	1312	>ERBB2-V77;MGSPYVSRL	119	1193
>ERBB2-V77;VGSPYVSR	709	>ERBB2-V77;MGSPYVSR	82	627
>ERBB2-V77;VGSPYVSR	1891	>ERBB2-V77;MGSPYVSR	106	1785
>ERBB2-V77;VGSPYVSRL	207	>ERBB2-V77;MGSPYVSRL	87	120
>ERBB2-V77;VGSPYVSRL	195	>ERBB2-V77;MGSPYVSRL	136	59
>ERBB2-V77;VGSPYVSR	1773	>ERBB2-V77;MGSPYVSR	421	1352
>ERBB2-V77;GVGSPYVSRL	478	>ERBB2-V77;GMGSPYVSR	32	446
>ERBB2-V77;GVGSPYVSRL	3409	>ERBB2-V77;GMGSPYVSR	147	3262
>ERBB2-V77;GVGSPYVSRL	2308	>ERBB2-V77;GMGSPYVSR	247	2061
>ERBB2-V77;GVGSPYVSRL	888	>ERBB2-V77;GMGSPYVSR	7	881
>ERBB2-V77;GVGSPYVSRL	3993	>ERBB2-V77;GMGSPYVSR	33	3960
>ERBB2-V77;GVGSPYVSRL	5394	>ERBB2-V77;GMGSPYVSR	34	5360
>ERBB2-V77;GVGSPYVSRL	6842	>ERBB2-V77;GMGSPYVSR	133	6709
>ERBB2-V77;GVGSPYVSRL	4309	>ERBB2-V77;GMGSPYVSR	49	4260
>ERBB2-V77;GVGSPYVSRL	6744	>ERBB2-V77;GMGSPYVSR	126	6618
>ERBB2-V77;GVGSPYVSRL	11514	>ERBB2-V77;GMGSPYVSR	218	11296
>ERBB2-V77;GVGSPYVSRL	504	>ERBB2-V77;GMGSPYVSR	7	497
>ERBB2-V77;GVGSPYVSRL	4859	>ERBB2-V77;GMGSPYVSR	125	4734
>ERBB2-V77;GVGSPYVSR	324	>ERBB2-V77;GMGSPYVSR	1135	811
>ERBB2-V77;GVGSPYVSR	82	>ERBB2-V77;GMGSPYVSR	27	55
>ERBB2-V77;ILDEAYVMAC	11	>ERBB2-V77;ILDEAYVMAC	53	42
>ERBB2-V77;ILDEAYVMAC	6	>ERBB2-V77;ILDEAYVMAC	70	64
>ERBB2-V77;ILDEAYVMAC	11	>ERBB2-V77;ILDEAYVMAC	372	361
>ERBB2-V77;ILDEAYVMAC	7	>ERBB2-V77;ILDEAYVMAC	76	69

>ERBB2-V77;ILDEAYVMAC	2	>ERBB2-V77;ILDEAYVMAC	10	8
>ERBB2-V77;ILDEAYVMAC	3	>ERBB2-V77;ILDEAYVMAC	37	34
>ERBB2-V77;ILDEAYVMAC	4	>ERBB2-V77;ILDEAYVMAC	45	41
>ERBB2-V77;ILDEAYVMAC	3	>ERBB2-V77;ILDEAYVMAC	32	29
>ERBB2-V77;ILDEAYVMAC	2	>ERBB2-V77;ILDEAYVMAC	38	36
>ERBB2-V77;ILDEAYVMAC	45	>ERBB2-V77;ILDEAYVMAC	647	602
>ERBB2-V77;AGVGSPYV	2182	>ERBB2-V77;AGMGSPYV	395	1787
>ERBB2-V77;AGVGSPYV	354	>ERBB2-V77;AGMGSPYV	134	220
>ERBB2-V77;AGVGSPYV	586	>ERBB2-V77;AGMGSPYV	177	409
>ERBB2-V77;AGVGSPYV	899	>ERBB2-V77;AGMGSPYV	319	580
>ERBB2-V77;AGVGSPYV	767	>ERBB2-V77;AGMGSPYV	344	423
>ERBB2-V77;AGVGSPYVSF	2085	>ERBB2-V77;AGMGSPYVS	397	1688
>ERBB2-V77;AGVGSPYVSF	254	>ERBB2-V77;AGMGSPYVS	264	10
>ERBB2-V77;MAGVGSPYV	724	>ERBB2-V77;MAGMGSPY\	389	335
>ERBB2-V77;MAGVGSPYV	34	>ERBB2-V77;MAGMGSPY\	31	3
>ERBB2-V77;MAGVGSPYV	53	>ERBB2-V77;MAGMGSPY\	25	28
>ERBB2-V77;MAGVGSPYV	48	>ERBB2-V77;MAGMGSPY\	36	12
>ERBB2-V77;MAGVGSPYV	49	>ERBB2-V77;MAGMGSPY\	86	37
>ERBB2-V77;MAGVGSPYV	31	>ERBB2-V77;MAGMGSPY\	17	14
>ERBB2-V77;MAGVGSPY	121	>ERBB2-V77;MAGMGSPY	105	16
>ERBB2-V77;MAGVGSPY	176	>ERBB2-V77;MAGMGSPY	167	9
>ERBB2-V77;MAGVGSPYV	51	>ERBB2-V77;MAGMGSPY\	52	1
>ERBB2-V77;MAGVGSPYV	374	>ERBB2-V77;MAGMGSPY\	260	114
>ERBB2-V77;MAGVGSPYV	61	>ERBB2-V77;MAGMGSPY\	51	10
>ERBB2-V77;MAGVGSPYV	490	>ERBB2-V77;MAGMGSPY\	552	62
>ERBB2-V77;MAGVGSPYV	15	>ERBB2-V77;MAGMGSPY\	19	4
>ERBB2-V77;MAGVGSPY	76	>ERBB2-V77;MAGMGSPY	56	20
>ERBB2-V77;MAGVGSPY	461	>ERBB2-V77;MAGMGSPY	603	142
>ERBB2-V77;MAGVGSPY	318	>ERBB2-V77;MAGMGSPY	220	98
>ERBB2-V77;MAGVGSPY	26	>ERBB2-V77;MAGMGSPY	20	6
>ERBB2-V77;MAGVGSPY	13	>ERBB2-V77;MAGMGSPY	11	2
>ERBB2-V77;VMAGVGSPY	36	>ERBB2-V77;VMAGMGSP'	24	12
>ERBB2-V77;VMAGVGSPY	36	>ERBB2-V77;VMAGMGSP'	38	2
>ERBB2-V77;VMAGVGSPY	25	>ERBB2-V77;VMAGMGSP'	21	4
>ERBB2-V77;VMAGVGSPY	88	>ERBB2-V77;VMAGMGSP'	84	4
>ERBB2-V77;VMAGVGSPY	1	>ERBB2-V77;VMAGMGSP'	2	1
>ERBB2-V77;VMAGVGSPY	128	>ERBB2-V77;VMAGMGSP'	546	418
>ERBB2-V77;VMAGVGSPY	4	>ERBB2-V77;VMAGMGSP'	6	2
>ERBB2-V77;VMAGVGSPY	4	>ERBB2-V77;VMAGMGSP'	4	0
>ERBB2-V77;VMAGVGSPY	2	>ERBB2-V77;VMAGMGSP'	2	0
>ERBB2-V77;VMAGVGSPY	2	>ERBB2-V77;VMAGMGSP'	2	0
>ERBB2-V77;VMAGVGSPY	183	>ERBB2-V77;VMAGMGSP'	310	127
>ERBB2-V77;VMAGVGSPY	16	>ERBB2-V77;VMAGMGSP'	11	5

>ERBB2-V77;VMAGVGSPY	16	>ERBB2-V77;VMAGMGSP'	15	1
>ERBB2-V77;VMAGVGSPY	292	>ERBB2-V77;VMAGMGSP'	455	163
>ERBB2-V77;VMAGVGSPY	166	>ERBB2-V77;VMAGMGSP'	174	8
>ERBB2-V77;VMAGVGSPY	29	>ERBB2-V77;VMAGMGSP'	27	2
>ERBB2-V77;VMAGVGSPY	12	>ERBB2-V77;VMAGMGSP'	13	1
>ERBB2-V77;VMAGVGSPY	19	>ERBB2-V77;VMAGMGSP'	21	2
>ERBB2-V77;VMAGVGSPY	479	>ERBB2-V77;VMAGMGSP'	159	320
>ERBB2-V77;VMAGVGSPY	81	>ERBB2-V77;VMAGMGSP'	59	22
>ERBB2-V77;VMAGVGSPY	88	>ERBB2-V77;VMAGMGSP'	100	12
>ERBB2-V77;VMAGVGSPY	475	>ERBB2-V77;VMAGMGSP'	670	195
>ERBB2-V77;YVMAGVGSP	7	>ERBB2-V77;YVMAGMGSI	8	1
>ERBB2-V77;YVMAGVGSP	6	>ERBB2-V77;YVMAGMGSI	6	0
>ERBB2-V77;YVMAGVGS	650	>ERBB2-V77;YVMAGMGS	452	198
>ERBB2-V77;YVMAGVGSP	3	>ERBB2-V77;YVMAGMGSI	3	0
>ERBB2-V77;YVMAGVGS	89	>ERBB2-V77;YVMAGMGS	89	0
>ERBB2-V77;YVMAGVGSP	3	>ERBB2-V77;YVMAGMGSI	3	0
>ERBB2-V77;YVMAGVGSP	2	>ERBB2-V77;YVMAGMGSI	3	1
>ERBB2-V77;YVMAGVGSP	5	>ERBB2-V77;YVMAGMGSI	6	1
>ERBB2-V77;YVMAGVGSP	7	>ERBB2-V77;YVMAGMGSI	10	3
>ERBB2-V77;YVMAGVGSP	2	>ERBB2-V77;YVMAGMGSI	3	1
>ERBB2-V77;YVMAGVGSP	2	>ERBB2-V77;YVMAGMGSI	2	0
>ERBB2-V77;YVMAGVGSP	71	>ERBB2-V77;YVMAGMGSI	54	17
>ERBB2-V77;YVMAGVGSP	137	>ERBB2-V77;YVMAGMGSI	185	48
>ERBB2-V77;YVMAGVGSP	86	>ERBB2-V77;YVMAGMGSI	61	25
>ERBB2-V77;YVMAGVGSP	401	>ERBB2-V77;YVMAGMGSI	263	138
>ERBB2-V77;YVMAGVGSP	610	>ERBB2-V77;YVMAGMGSI	253	357
>ERBB2-V77;YVMAGVGSP	6	>ERBB2-V77;YVMAGMGSI	4	2
>ERBB2-V77;YVMAGVGSP	599	>ERBB2-V77;YVMAGMGSI	278	321
>ERBB2-V77;YVMAGVGSP	143	>ERBB2-V77;YVMAGMGSI	120	23
>ERBB2-V77;YVMAGVGSP	222	>ERBB2-V77;YVMAGMGSI	112	110
>ERBB2-V77;YVMAGVGSP	77	>ERBB2-V77;YVMAGMGSI	118	41
>ERBB2-V77;YVMAGVGSP	28	>ERBB2-V77;YVMAGMGSI	24	4
>ERBB2-V77;YVMAGVGS	352	>ERBB2-V77;YVMAGMGS	225	127
>ERBB2-V77;YVMAGVGSP	10	>ERBB2-V77;YVMAGMGSI	9	1
>ERBB2-V77;YVMAGVGSP	4	>ERBB2-V77;YVMAGMGSI	4	0
>ERBB2-V77;YVMAGVGSP	22	>ERBB2-V77;YVMAGMGSI	16	6
>ERBB2-V77;YVMAGVGSP	32	>ERBB2-V77;YVMAGMGSI	33	1
>ERBB2-V77;YVMAGVGSP	410	>ERBB2-V77;YVMAGMGSI	504	94
>ERBB2-V77;YVMAGVGSP	10	>ERBB2-V77;YVMAGMGSI	10	0
>ERBB2-V77;YVMAGVGSP	76	>ERBB2-V77;YVMAGMGSI	116	40
>ERBB2-V77;YVMAGVGSP	18	>ERBB2-V77;YVMAGMGSI	12	6
>ERBB2-V77;YVMAGVGSP	504	>ERBB2-V77;YVMAGMGSI	355	149
>ERBB2-V77;YVMAGVGSP	261	>ERBB2-V77;YVMAGMGSI	141	120

>ERBB2-V77;YVMAGVGSP	79	>ERBB2-V77;YVMAGMGS	132	53
>ERBB2-V77;AYVMAGVGS	450	>ERBB2-V77;AYVMAGMG	447	3
>ERBB2-V77;AYVMAGVGS	149	>ERBB2-V77;AYVMAGMG	94	55
>ERBB2-V77;AYVMAGVGS	390	>ERBB2-V77;AYVMAGMG	395	5
>ERBB2-V77;AYVMAGVGS	395	>ERBB2-V77;AYVMAGMG	404	9
>ERBB2-V77;AYVMAGVGS	457	>ERBB2-V77;AYVMAGMG	695	238
>ERBB2-V77;EAYVMAGV	2589	>ERBB2-V77;EAYVMAGM	132	2457
>ERBB2-V77;EAYVMAGV	6695	>ERBB2-V77;EAYVMAGM	210	6485
>ERBB2-V77;EAYVMAGV	14	>ERBB2-V77;EAYVMAGM	492	478
>ERBB2-V77;EAYVMAGV	6	>ERBB2-V77;EAYVMAGM	43	37
>ERBB2-V77;EAYVMAGV	1830	>ERBB2-V77;EAYVMAGM	29	1801
>ERBB2-V77;EAYVMAGV	7153	>ERBB2-V77;EAYVMAGM	112	7041
>ERBB2-V77;DEAYVMAGV	33	>ERBB2-V77;DEAYVMAGN	83	50
>ERBB2-V77;DEAYVMAGV	16964	>ERBB2-V77;DEAYVMAGN	333	16631
>ERBB2-V77;DEAYVMAGV	39	>ERBB2-V77;DEAYVMAGN	4142	4103
>ERBB2-V77;DEAYVMAGV	158	>ERBB2-V77;DEAYVMAGN	35	123
>ERBB2-V77;DEAYVMAGV	472	>ERBB2-V77;DEAYVMAGN	370	102
>ERBB2-V77;DEAYVMAGV	411	>ERBB2-V77;DEAYVMAGN	1711	1300
>ERBB2-V77;LDEAYVMAG	139	>ERBB2-V77;LDEAYVMAG	1488	1349
>ERBB2-V84;VHRDLAARN'	957	>ERBB2-V84;IHRDLAARNV	413	544
>ERBB2-V84;VHRDLAARN'	471	>ERBB2-V84;IHRDLAARNV	588	117
>ERBB2-V84;LVHRDLAARN	138	>ERBB2-V84;LIHRDLAARN	60	78
>ERBB2-V84;LVHRDLAARN	542	>ERBB2-V84;LIHRDLAARN	166	376
>ERBB2-V84;LVHRDLAARN	72	>ERBB2-V84;LIHRDLAARN	29	43
>ERBB2-V84;LVHRDLAA	291	>ERBB2-V84;LIHRDLAA	917	626
>ERBB2-V84;LVHRDLAARN	474	>ERBB2-V84;LIHRDLAARN	1373	899
>ERBB2-V84;LVHRDLAAR	34	>ERBB2-V84;LIHRDLAAR	55	21
>ERBB2-V84;LVHRDLAAR	174	>ERBB2-V84;LIHRDLAAR	354	180
>ERBB2-V84;GMSYLEDVRI	185	>ERBB2-V84;GMSYLEDVRI	871	686
>ERBB2-V84;GMSYLEDVRI	11	>ERBB2-V84;GMSYLEDVRI	43	32
>ERBB2-V84;GMSYLEDVRI	23	>ERBB2-V84;GMSYLEDVRI	98	75
>ERBB2-V84;GMSYLEDVRI	31	>ERBB2-V84;GMSYLEDVRI	353	322
>ERBB2-V84;GMSYLEDVRI	23	>ERBB2-V84;GMSYLEDVRI	222	199
>ERBB2-V84;GMSYLEDVRI	26	>ERBB2-V84;GMSYLEDVRI	461	435
>ERBB2-V84;GMSYLEDVRI	371	>ERBB2-V84;GMSYLEDVRI	6163	5792
>ERBB2-V84;GMSYLEDVRI	22	>ERBB2-V84;GMSYLEDVRI	1941	1919
>ERBB2-V84;RLVHRDLA	778	>ERBB2-V84;RLIHRDLA	406	372
>ERBB2-V84;RLVHRDLA	174	>ERBB2-V84;RLIHRDLA	76	98
>ERBB2-V84;RLVHRDLAA	166	>ERBB2-V84;RLIHRDLAA	74	92
>ERBB2-V84;RLVHRDLAA	344	>ERBB2-V84;RLIHRDLAA	216	128
>ERBB2-V84;RLVHRDLAA	785	>ERBB2-V84;RLIHRDLAA	247	538
>ERBB2-V84;RLVHRDLA	452	>ERBB2-V84;RLIHRDLA	349	103
>ERBB2-V84;RLVHRDLAAF	904	>ERBB2-V84;RLIHRDLAAR	451	453



>ERBB2-V84:RLVHRDLAAF	26	>ERBB2-V84:RLIHRDLAAR	15	11
>ERBB2-V84:RLVHRDLAA	1381	>ERBB2-V84:RLIHRDLAA	436	945
>ERBB2-V84:RLVHRDLAA	814	>ERBB2-V84:RLIHRDLAA	361	453
>ERBB2-V84:RLVHRDLAAF	136	>ERBB2-V84:RLIHRDLAAR	169	33
>ERBB2-V84:RLVHRDLAAF	132	>ERBB2-V84:RLIHRDLAAR	159	27
>ERBB2-V84:VRLVHRDLAA	350	>ERBB2-V84:VRLIHRDLAA	480	130
>ERBB2-V84:VRLVHRDL	457	>ERBB2-V84:VRLIHRDL	623	166
>ERBB2-V84:EDVRLVHR	185	>ERBB2-V84:EDVRLIHR	214	29
>ERBB2-V84:LEDVRLVHRC	289	>ERBB2-V84:LEDVRLIHRDI	248	41
>ERBB2-V84:YLEDVRLV	38	>ERBB2-V84:YLEDVRLI	105	67
>ERBB2-V84:YLEDVRLV	12	>ERBB2-V84:YLEDVRLI	36	24
>ERBB2-V84:YLEDVRLV	10	>ERBB2-V84:YLEDVRLI	45	35
>ERBB2-V84:YLEDVRLV	45	>ERBB2-V84:YLEDVRLI	359	314
>ERBB2-V84:YLEDVRLV	3	>ERBB2-V84:YLEDVRLI	14	11
>ERBB2-V84:YLEDVRLV	8	>ERBB2-V84:YLEDVRLI	44	36
>ERBB2-V84:YLEDVRLV	13	>ERBB2-V84:YLEDVRLI	140	127
>ERBB2-V84:YLEDVRLV	39	>ERBB2-V84:YLEDVRLI	1456	1417
>ERBB2-V84:YLEDVRLV	2	>ERBB2-V84:YLEDVRLI	5	3
>ERBB2-V84:YLEDVRLVHR	285	>ERBB2-V84:YLEDVRLIHR	221	64
>ERBB2-V84:YLEDVRLVHR	351	>ERBB2-V84:YLEDVRLIHR	429	78
>ERBB2-V84:YLEDVRLVHR	431	>ERBB2-V84:YLEDVRLIHR	425	6
>ERBB2-V84:YLEDVRLVHR	347	>ERBB2-V84:YLEDVRLIHR	343	4
>ERBB2-V84:YLEDVRLVHR	102	>ERBB2-V84:YLEDVRLIHR	82	20
>ERBB2-V84:YLEDVRLVHR	271	>ERBB2-V84:YLEDVRLIHR	311	40
>ERBB2-V84:SYLEDVRLV	2151	>ERBB2-V84:SYLEDVRLI	186	1965
>ERBB2-V84:SYLEDVRLV	112	>ERBB2-V84:SYLEDVRLI	1390	1278
>ERBB2-V84:SYLEDVRLV	220	>ERBB2-V84:SYLEDVRLI	4749	4529
>ERBB2-V84:SYLEDVRLV	3293	>ERBB2-V84:SYLEDVRLI	270	3023
>ERBB2-V84:SYLEDVRLV	458	>ERBB2-V84:SYLEDVRLI	18	440
>ERBB2-V84:SYLEDVRLVH	61	>ERBB2-V84:SYLEDVRLIHF	84	23
>ERBB2-V84:SYLEDVRLVH	105	>ERBB2-V84:SYLEDVRLIHF	109	4
>ERBB2-V84:SYLEDVRLVH	30	>ERBB2-V84:SYLEDVRLIHF	31	1
>ERBB2-V84:MSYLEDVRLV	2998	>ERBB2-V84:MSYLEDVRLI	496	2502
>ERBB2-V84:MSYLEDVRLV	249	>ERBB2-V84:MSYLEDVRLI	49	200
>ERBB2-V84:MSYLEDVRLV	364	>ERBB2-V84:MSYLEDVRLI	666	302
>ERBB2-V84:MSYLEDVRLV	3707	>ERBB2-V84:MSYLEDVRLI	74	3633
>ERC1-L583I-ENLQEQLR	488	>ERC1-L583I-ENIQEQLR	71	417
>ERC1-L583I-ENLQEQLR	493	>ERC1-L583I-ENIQEQLR	963	470
>ERC1-L583I-IENLQEQL	366	>ERC1-L583I-IENIQEQL	1996	1630
>ERC1-L583I-IENLQEQL	521	>ERC1-L583I-IENIQEQL	498	23
>ERC1-L583I-IENLQEQL	370	>ERC1-L583I-IENIQEQL	480	110
>ERC1-L583I-KIENLQEQL	573	>ERC1-L583I-KIENIQEQL	154	419
>ERC1-L583I-KIENLQEQLR	514	>ERC1-L583I-KIENIQEQLR	398	116

>ERC1-L583I-KIENLQEQ	192	>ERC1-L583I-KIENIQEQL	75	117
>ERC1-L583I-KIENLQEQLR	290	>ERC1-L583I-KIENIQEQLR	247	43
>ERC1-L583I-KIENLQEQLR	146	>ERC1-L583I-KIENIQEQLR	146	0
>ERC1-L583I-KKIENLQEQ	83	>ERC1-L583I-KKIENIQEQL	65	18
>ERC1-L583I-KKIENLQEQLI	448	>ERC1-L583I-KKIENIQEQLF	254	194
>ERC1-L583I-LQKKIENL	131	>ERC1-L583I-LQKKIENI	213	82
>ERC1-L583I-LQKKIENL	9877	>ERC1-L583I-LQKKIENI	485	9392
>ERC1-L583I-VLQKKIENL	449	>ERC1-L583I-VLQKKIENI	610	161
>ERC1-L583I-VLQKKIENL	39	>ERC1-L583I-VLQKKIENI	150	111
>ERC1-L583I-VLQKKIENL	321	>ERC1-L583I-VLQKKIENI	141	180
>ERC1-L583I-VLQKKIENL	31	>ERC1-L583I-VLQKKIENI	28	3
>ERC1-L583I-VLQKKIENL	57	>ERC1-L583I-VLQKKIENI	61	4
>ERC1-L583I-VLQKKIENL	208	>ERC1-L583I-VLQKKIENI	313	105
>ERC1-L583I-VLQKKIENL	107	>ERC1-L583I-VLQKKIENI	181	74
>ERC1-L583I-VLQKKIENL	11	>ERC1-L583I-VLQKKIENI	31	20
>ERC1-L583I-NVLQKKIENL	731	>ERC1-L583I-NVLQKKIENI	409	322
>ERCC2-V61E VIMFGVPYV	8	>ERCC2-V61E IIMFGVPYV	7	1
>ERCC2-V61E VIMFGVPYVY	581	>ERCC2-V61E IIMFGVPYVY	347	234
>ERCC2-V61E VIMFGVPYV	14	>ERCC2-V61E IIMFGVPYV	9	5
>ERCC2-V61E VIMFGVPYV	4	>ERCC2-V61E IIMFGVPYV	4	0
>ERCC2-V61E VIMFGVPYVY	579	>ERCC2-V61E IIMFGVPYVY	401	178
>ERCC2-V61E VIMFGVPYV	5	>ERCC2-V61E IIMFGVPYV	4	1
>ERCC2-V61E VIMFGVPYVY	478	>ERCC2-V61E IIMFGVPYVY	294	184
>ERCC2-V61E VIMFGVPYV	2	>ERCC2-V61E IIMFGVPYV	2	0
>ERCC2-V61E VIMFGVPYVY	307	>ERCC2-V61E IIMFGVPYVY	360	53
>ERCC2-V61E VIMFGVPYV	10	>ERCC2-V61E IIMFGVPYV	13	3
>ERCC2-V61E VIMFGVPYV	6	>ERCC2-V61E IIMFGVPYV	7	1
>ERCC2-V61E VIMFGVPYV	2	>ERCC2-V61E IIMFGVPYV	2	0
>ERCC2-V61E VIMFGVPYVY	288	>ERCC2-V61E IIMFGVPYVY	318	30
>ERCC2-V61E VIMFGVPYV	3	>ERCC2-V61E IIMFGVPYV	3	0
>ERCC2-V61E VIMFGVPY	509	>ERCC2-V61E IIMFGVPY	310	199
>ERCC2-V61E VIMFGVPYVY	104	>ERCC2-V61E IIMFGVPYVY	62	42
>ERCC2-V61E VIMFGVPY	73	>ERCC2-V61E IIMFGVPY	81	8
>ERCC2-V61E VIMFGVPYVY	42	>ERCC2-V61E IIMFGVPYVY	45	3
>ERCC2-V61E VIMFGVPY	248	>ERCC2-V61E IIMFGVPY	330	82
>ERCC2-V61E VIMFGVPYVY	173	>ERCC2-V61E IIMFGVPYVY	225	52
>ERCC2-V61E VIMFGVPY	43	>ERCC2-V61E IIMFGVPY	31	12
>ERCC2-V61E VIMFGVPYVY	96	>ERCC2-V61E IIMFGVPYVY	63	33
>ERCC2-V61E VIMFGVPY	85	>ERCC2-V61E IIMFGVPY	88	3
>ERCC2-V61E VIMFGVPYVY	42	>ERCC2-V61E IIMFGVPYVY	37	5
>ERCC2-V61E VIMFGVPY	702	>ERCC2-V61E IIMFGVPY	487	215
>ERCC2-V61E VIMFGVPYVY	463	>ERCC2-V61E IIMFGVPYVY	324	139
>ERCC2-V61E VIMFGVPYVY	649	>ERCC2-V61E IIMFGVPYVY	290	359

>ERCC2-V61\xVIMFGVPYV	168	>ERCC2-V61\xIIMFGVPYV	105	63
>ERCC2-V61\xVIMFGVPYV	18	>ERCC2-V61\xIIMFGVPYV	15	3
>ERCC2-V61\xVIMFGVPY	231	>ERCC2-V61\xIIMFGVPY	422	191
>ERCC2-V61\xVIMFGVPYVY	71	>ERCC2-V61\xIIMFGVPYVY	120	49
>ERCC2-V61\xVIMFGVPY	70	>ERCC2-V61\xIIMFGVPY	67	3
>ERCC2-V61\xVIMFGVPYVY	106	>ERCC2-V61\xIIMFGVPYVY	100	6
>ERCC2-V61\xVIMFGVPY	183	>ERCC2-V61\xIIMFGVPY	169	14
>ERCC2-V61\xVIMFGVPY	201	>ERCC2-V61\xIIMFGVPY	99	102
>ERCC2-V61\xVIMFGVPYVY	842	>ERCC2-V61\xIIMFGVPYVY	408	434
>ERCC2-V61\xVIMFGVPY	228	>ERCC2-V61\xIIMFGVPY	131	97
>ERCC2-V61\xVIMFGVPY	292	>ERCC2-V61\xIIMFGVPY	180	112
>ERCC2-V61\xVIMFGVPYVY	590	>ERCC2-V61\xIIMFGVPYVY	264	326
>ERCC2-V61\xVIMFGVPYVY	347	>ERCC2-V61\xIIMFGVPYVY	703	356
>ERCC2-V61\xAVIMFGVPY\	43	>ERCC2-V61\xAIIMFGVPYV	25	18
>ERCC2-V61\xAVIMFGVPY\	89	>ERCC2-V61\xAIIMFGVPYV	66	23
>ERCC2-V61\xAVIMFGVPY\	27	>ERCC2-V61\xAIIMFGVPYV	20	7
>ERCC2-V61\xAVIMFGVPY\	33	>ERCC2-V61\xAIIMFGVPYV	34	1
>ERCC2-V61\xAVIMFGVPY\	7	>ERCC2-V61\xAIIMFGVPYV	4	3
>ERCC2-V61\xAVIMFGVPY\	99	>ERCC2-V61\xAIIMFGVPYV	52	47
>ERCC2-V61\xAVIMFGVPY\	28	>ERCC2-V61\xAIIMFGVPYV	16	12
>ERCC2-V61\xAVIMFGVPY\	300	>ERCC2-V61\xAIIMFGVPYV	146	154
>ERCC2-V61\xAVIMFGVPY\	7	>ERCC2-V61\xAIIMFGVPYV	4	3
>ERCC2-V61\xAVIMFGVPY	29	>ERCC2-V61\xAIIMFGVPY	40	11
>ERCC2-V61\xAVIMFGVPY\	41	>ERCC2-V61\xAIIMFGVPYV	65	24
>ERCC2-V61\xAVIMFGVPY	30	>ERCC2-V61\xAIIMFGVPY	93	63
>ERCC2-V61\xAVIMFGVPY\	405	>ERCC2-V61\xAIIMFGVPYV	1382	977
>ERCC2-V61\xAVIMFGVPY\	30	>ERCC2-V61\xAIIMFGVPYV	81	51
>ERCC2-V61\xAVIMFGVPY	148	>ERCC2-V61\xAIIMFGVPY	568	420
>ERCC2-V61\xAVIMFGVPY	41	>ERCC2-V61\xAIIMFGVPY	74	33
>ERCC2-V61\xAVIMFGVPY\	20	>ERCC2-V61\xAIIMFGVPYV	35	15
>ERCC2-V61\xAVIMFGVPY\	292	>ERCC2-V61\xAIIMFGVPYV	975	683
>ERCC2-V61\xAVIMFGVPY	402	>ERCC2-V61\xAIIMFGVPY	498	96
>ERCC2-V61\xAVIMFGVPY\	63	>ERCC2-V61\xAIIMFGVPYV	73	10
>ERCC2-V61\xAVIMFGVPY	231	>ERCC2-V61\xAIIMFGVPY	283	52
>ERCC2-V61\xAVIMFGVPY\	182	>ERCC2-V61\xAIIMFGVPYV	218	36
>ERCC2-V61\xAVIMFGVPY\	199	>ERCC2-V61\xAIIMFGVPYV	482	283
>ERCC2-V61\xAVIMFGVPY\	46	>ERCC2-V61\xAIIMFGVPYV	92	46
>ERCC2-V61\xAVIMFGVPY	357	>ERCC2-V61\xAIIMFGVPY	987	630
>ERCC2-V61\xAVIMFGVPY\	96	>ERCC2-V61\xAIIMFGVPYV	254	158
>ERCC2-V61\xAVIMFGVPY	64	>ERCC2-V61\xAIIMFGVPY	60	4
>ERCC2-V61\xAVIMFGVPY\	103	>ERCC2-V61\xAIIMFGVPYV	100	3
>ERCC2-V61\xAVIMFGVPY	295	>ERCC2-V61\xAIIMFGVPY	245	50
>ERCC2-V61\xAVIMFGVPY	31	>ERCC2-V61\xAIIMFGVPY	26	5

>ERCC2-V61ξAVIMFGVPY\	201	>ERCC2-V61ξAIIMFGVPYV	163	38
>ERCC2-V61ξAVIMFGVPY	43	>ERCC2-V61ξAIIMFGVPY	130	87
>ERCC2-V61ξAVIMFGVPY\	219	>ERCC2-V61ξAIIMFGVPYV	787	568
>ERCC2-V61ξAVIMFGVPY	125	>ERCC2-V61ξAIIMFGVPY	371	246
>ERCC2-V61ξAVIMFGVPY\	299	>ERCC2-V61ξAIIMFGVPYV	949	650
>ERCC2-V61ξAVIMFGVPY\	416	>ERCC2-V61ξAIIMFGVPYV	1362	946
>ERCC2-V61ξAVIMFGVPY	46	>ERCC2-V61ξAIIMFGVPY	46	0
>ERCC2-V61ξAVIMFGVPY\	212	>ERCC2-V61ξAIIMFGVPYV	194	18
>ERCC2-V61ξIDFVHHYGRA	551	>ERCC2-V61ξIDFVHHYGRA	411	140
>ERCC2-V61ξIDFVHHYGRA	1005	>ERCC2-V61ξIDFVHHYGRA	276	729
>ERCC2-V61ξIDFVHHYGRA	321	>ERCC2-V61ξIDFVHHYGRA	153	168
>ERCC2-V61ξRAVIMFGVP\	1587	>ERCC2-V61ξRAIIMFGVPY'	420	1167
>ERCC2-V61ξRAVIMFGV	597	>ERCC2-V61ξRAIIMFGV	332	265
>ERCC2-V61ξRAVIMFGVP\	403	>ERCC2-V61ξRAIIMFGVPY'	207	196
>ERCC2-V61ξRAVIMFGV	22	>ERCC2-V61ξRAIIMFGV	15	7
>ERCC2-V61ξRAVIMFGVP\	27	>ERCC2-V61ξRAIIMFGVPY'	18	9
>ERCC2-V61ξRAVIMFGV	494	>ERCC2-V61ξRAIIMFGV	325	169
>ERCC2-V61ξRAVIMFGVP\	131	>ERCC2-V61ξRAIIMFGVPY'	94	37
>ERCC2-V61ξRAVIMFGVP\	601	>ERCC2-V61ξRAIIMFGVPY'	490	111
>ERCC2-V61ξRAVIMFGVP\	409	>ERCC2-V61ξRAIIMFGVPY'	309	100
>ERCC2-V61ξRAVIMFGVP\	783	>ERCC2-V61ξRAIIMFGVPY	253	530
>ERCC2-V61ξRAVIMFGVP\	191	>ERCC2-V61ξRAIIMFGVPY	121	70
>ERCC2-V61ξRAVIMFGVP\	468	>ERCC2-V61ξRAIIMFGVPY'	283	185
>ERCC2-V61ξRAVIMFGVP\	143	>ERCC2-V61ξRAIIMFGVPY	78	65
>ERCC2-V61ξRAVIMFGVP\	413	>ERCC2-V61ξRAIIMFGVPY	222	191
>ERCC2-V61ξRAVIMFGV	349	>ERCC2-V61ξRAIIMFGV	218	131
>ERCC2-V61ξRAVIMFGV	323	>ERCC2-V61ξRAIIMFGV	269	54
>ERCC2-V61ξRAVIMFGVP\	422	>ERCC2-V61ξRAIIMFGVPY'	326	96
>ERCC2-V61ξRAVIMFGVP\	755	>ERCC2-V61ξRAIIMFGVPY	463	292
>ERCC2-V61ξRAVIMFGVP\	77	>ERCC2-V61ξRAIIMFGVPY	57	20
>ERCC2-V61ξRAVIMFGVP\	82	>ERCC2-V61ξRAIIMFGVPY	59	23
>ERCC2-V61ξRAVIMFGV	126	>ERCC2-V61ξRAIIMFGV	128	2
>ERCC2-V61ξRAVIMFGVP\	5	>ERCC2-V61ξRAIIMFGVPY	5	0
>ERCC2-V61ξRAVIMFGVP\	238	>ERCC2-V61ξRAIIMFGVPY'	256	18
>ERCC2-V61ξRAVIMFGVP\	872	>ERCC2-V61ξRAIIMFGVPY	416	456
>ERCC2-V61ξRAVIMFGVP\	241	>ERCC2-V61ξRAIIMFGVPY	159	82
>ERCC2-V61ξRAVIMFGVP\	167	>ERCC2-V61ξRAIIMFGVPY	147	20
>ERCC2-V61ξGRAVIMFGVI	508	>ERCC2-V61ξGRAIIMFGVP	395	113
>ERCC2-V61ξGRAVIMFGVI	138	>ERCC2-V61ξGRAIIMFGVP	199	61
>ERCC2-V61ξGRAVIMFGV	83	>ERCC2-V61ξGRAIIMFGV	101	18
>ERCC2-V61ξGRAVIMFGVI	56	>ERCC2-V61ξGRAIIMFGVP	74	18
>ERCC2-V61ξGRAVIMFGV	94	>ERCC2-V61ξGRAIIMFGV	119	25
>ERCC2-V61ξGRAVIMFGVI	336	>ERCC2-V61ξGRAIIMFGVP	418	82

>ERCC2-V61FYGRAVIMFGV	334	>ERCC2-V61FYGRAIIMFGV	600	266
>ERCC2-V61FYGRAVIMFGV	462	>ERCC2-V61FYGRAIIMFGV	308	154
>ERCC2-V61FYGRAVIMF	165	>ERCC2-V61FYGRAIIMF	242	77
>ERCC2-V61FYGRAVIMF	72	>ERCC2-V61FYGRAIIMF	83	11
>ERCC2-V61FYGRAVIMF	130	>ERCC2-V61FYGRAIIMF	112	18
>ERCC2-V61FYHYGRAVIMF	101	>ERCC2-V61FYHYGRAIIMF	61	40
>ERCC2-V61FYHYGRAVIMF	62	>ERCC2-V61FYHYGRAIIMF	109	47
>ERCC2-V61FYHYGRAVIM	67	>ERCC2-V61FYHYGRAIIM	102	35
>ERCC2-V61FYHYGRAVIMF	3	>ERCC2-V61FYHYGRAIIMF	3	0
>ERCC2-V61FYHYGRAVIMFG	415	>ERCC2-V61FYHYGRAIIMFG	434	19
>ERCC2-V61FYHYGRAVIMFG	62	>ERCC2-V61FYHYGRAIIMFG	58	4
>ERCC2-V61FYHHYGRAVIM	434	>ERCC2-V61FYHHYGRAIIM	414	20
>ERCC2-V61FYHHYGRAVIM	405	>ERCC2-V61FYHHYGRAIIMF	480	75
>ERCC2-V61FYHHYGRAVIM	340	>ERCC2-V61FYHHYGRAIIM	752	412
>ERCC2-V61FYHHYGRAVIM	26	>ERCC2-V61FYHHYGRAIIMF	41	15
>ERCC2-V61FYHHYGRAVI	82	>ERCC2-V61FYHHYGRAII	91	9
>ERCC2-V61FYHHYGRAVIM	72	>ERCC2-V61FYHHYGRAIIM	87	15
>ERCC2-V61FYHHYGRAVIM	395	>ERCC2-V61FYHHYGRAIIMF	381	14
>ERCC2-V61FYHHYGRAVI	20	>ERCC2-V61FYHHYGRAII	32	12
>ERCC2-V61FYHHYGRAVIM	9	>ERCC2-V61FYHHYGRAIIM	9	0
>ERCC2-V61FYHHYGRAVIM	76	>ERCC2-V61FYHHYGRAIIMF	98	22
>ERCC2-V61FYHHYGRAVI	399	>ERCC2-V61FYHHYGRAII	422	23
>ERCC2-V61FYVHHYGRAVIM	299	>ERCC2-V61FYVHHYGRAIIM	504	205
>ERCC2-V61FYVHHYGRAVIM	19	>ERCC2-V61FYVHHYGRAIIM	24	5
>ERCC2-V61FYVHHYGRAVI	473	>ERCC2-V61FYVHHYGRAII	1368	895
>ERCC2-V61FYVHHYGRAVIM	208	>ERCC2-V61FYVHHYGRAIIM	268	60
>ERCC2-V61FYVHHYGRAV	169	>ERCC2-V61FYVHHYGRAI	841	672
>ERCC2-V61FYVHHYGRAV	9	>ERCC2-V61FYVHHYGRAI	46	37
>ERCC2-V61FYVHHYGRAVI	339	>ERCC2-V61FYVHHYGRAII	381	42
>ERCC2-V61FYVHHYGRAV	45	>ERCC2-V61FYVHHYGRAI	371	326
>ERCC2-V61FYVHHYGRAV	17	>ERCC2-V61FYVHHYGRAI	242	225
>ERCC2-V61FYVHHYGRAV	437	>ERCC2-V61FYVHHYGRAI	3608	3171
>ERCC2-V61FYVHHYGRAV	71	>ERCC2-V61FYVHHYGRAI	6577	6506
>ERCC2-V61FYVHHYGRAV	199	>ERCC2-V61FYVHHYGRAI	975	776
>ERCC2-V61FYVHHYGRAV	273	>ERCC2-V61FYVHHYGRAI	280	7
>ERCC2-V61FYVHHYGRAV	387	>ERCC2-V61FYVHHYGRAI	282	105
>ERCC2-V61FYVHHYGRAVI	259	>ERCC2-V61FYVHHYGRAIIM	424	165
>ERCC2-V61FYVHHYGRAVI	283	>ERCC2-V61FYVHHYGRAIIM	222	61
>ERCC2-V61FYVHHYGRAVI	536	>ERCC2-V61FYVHHYGRAIIM	472	64
>ERCC2-V61FYVHHYGRAVI	376	>ERCC2-V61FYVHHYGRAII	397	21
>ERCC3-E517EFYREYVAI	1786	>ERCC3-E517AFYREYVAI	363	1423
>ERCC3-E517EFYREYVAIK	4645	>ERCC3-E517AFYREYVAIK	395	4250
>ERCC3-E517EFYREYVAI	108	>ERCC3-E517AFYREYVAI	81	27

>ERCC3-E517EFYREYVAI	130	>ERCC3-E517AFYREYVAI	20	110
>ERCC3-E517EFYREYVAIK	7561	>ERCC3-E517AFYREYVAIK	54	7507
>ERCC3-E517EFYREYVAIK	250	>ERCC3-E517AFYREYVAIK	1645	1395
>ERCC3-E517PEFYREYVAI	98	>ERCC3-E517PAFYREYVAI	15204	15106
>ERCC3-E517PEFYREYVAIK	13164	>ERCC3-E517PAFYREYVAIK	452	12712
>ERCC3-E517PEFYREYV	14383	>ERCC3-E517PAFYREYV	430	13953
>ERCC3-E517PEFYREYVAI	121	>ERCC3-E517PAFYREYVAI	28623	28502
>ERCC3-E517PEFYREYVAI	55	>ERCC3-E517PAFYREYVAI	26313	26258
>ERCC3-E517SPEFYREYV	3872	>ERCC3-E517SPAFYREYV	49	3823
>ERCC3-E517SPEFYREYV	3606	>ERCC3-E517SPAFYREYV	222	3384
>ERCC3-E517SPEFYREYV	1431	>ERCC3-E517SPAFYREYV	137	1294
>ERCC3-E517SPEFYREYVA	167	>ERCC3-E517SPAFYREYVA	101	66
>ERCC3-E517SPEFYREYVAI	234	>ERCC3-E517SPAFYREYVA	35	199
>ERCC3-E517SPEFYREY	76	>ERCC3-E517SPAFYREY	33	43
>ERCC3-E517SPEFYREYVA	32	>ERCC3-E517SPAFYREYVA	31	1
>ERCC3-E517SPEFYREY	70	>ERCC3-E517SPAFYREY	12	58
>ERCC3-E517SPEFYREYVAI	2964	>ERCC3-E517SPAFYREYVA	365	2599
>ERCC3-E517SPEFYREY	394	>ERCC3-E517SPAFYREY	568	174
>ERCC3-E517MSPEFYREYV	161	>ERCC3-E517MSPAFYREYV	168	7
>ERCC3-E517MSPEFYREYV	246	>ERCC3-E517MSPAFYREYV	386	140
>ERCC3-E517MSPEFYREYV	113	>ERCC3-E517MSPAFYREYV	463	350
>ERCC3-E517MSPEFYREY	702	>ERCC3-E517MSPAFYREY	459	243
>ERCC3-E517MSPEFYREYV	11	>ERCC3-E517MSPAFYREYV	9	2
>ERCC3-E517MSPEFYREYV	133	>ERCC3-E517MSPAFYREYV	115	18
>ERCC3-E517MSPEFYREYV	161	>ERCC3-E517MSPAFYREYV	517	356
>ERCC3-E517MSPEFYREY	157	>ERCC3-E517MSPAFYREY	85	72
>ERCC3-E517MSPEFYREY	193	>ERCC3-E517MSPAFYREY	141	52
>ERCC3-E517MSPEFYREY	168	>ERCC3-E517MSPAFYREY	296	128
>ERCC3-E517MSPEFYRE	498	>ERCC3-E517MSPAFYRE	913	415
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>ERCC3-E517MSPEFYREYV	5	>ERCC3-E517MSPAFYREYV	4	1
>ERCC3-E517MSPEFYREYV	239	>ERCC3-E517MSPAFYREYV	153	86
>ERCC3-E517PMSPEFYREY	557	>ERCC3-E517PMSPAFYREY	341	216
>ERCC3-E517PMSPEFYREY	19	>ERCC3-E517PMSPAFYREY	18	1
>ERCC3-E517PMSPEFYREY	381	>ERCC3-E517PMSPAFYREY	247	134
>ERCC3-E517PMSPEFYREY	493	>ERCC3-E517PMSPAFYREY	273	220
>ERCC3-E517PMSPEFYREY	16	>ERCC3-E517PMSPAFYREY	15	1
>ERCC3-E517PMSPEFYREY	257	>ERCC3-E517PMSPAFYREY	241	16
>ERCC3-E517PMSPEFYREY	44	>ERCC3-E517PMSPAFYREY	31	13
>ERCC3-E517PMSPEFYREY	18	>ERCC3-E517PMSPAFYREY	13	5
>ERCC3-E517PMSPEFYREY	8	>ERCC3-E517PMSPAFYREY	7	1
>ERCC3-E517PMSPEFYREY	138	>ERCC3-E517PMSPAFYREY	88	50
>ERCC3-E517PMSPEFYREY	619	>ERCC3-E517PMSPAFYREY	298	321

>ERCC3-E517PMSPEFYR	89	>ERCC3-E517PMSPAFYR	40	49
>ERCC3-E517PMSPEFYR	329	>ERCC3-E517PMSPAFYR	335	6
>ERCC3-E517PMSPEFYREY	192	>ERCC3-E517PMSPAFYREY	131	61
>ERCC3-E517PMSPEFYR	33	>ERCC3-E517PMSPAFYR	29	4
>ERCC3-E517CPMSPEFY	1177	>ERCC3-E517CPMSPAFY	416	761
>ERCC3-E517CPMSPEFYR	365	>ERCC3-E517CPMSPAFYR	278	87
>ERCC3-E517CPMSPEFYR	283	>ERCC3-E517CPMSPAFYR	666	383
>ERCC3-E517CPMSPEFYR	121	>ERCC3-E517CPMSPAFYR	60	61
>ERCC3-E517CPMSPEFY	42	>ERCC3-E517CPMSPAFY	24	18
>ERCC3-E517CPMSPEFYRE	15	>ERCC3-E517CPMSPAFYRE	15	0
>ERCC3-E517CPMSPEFY	37	>ERCC3-E517CPMSPAFY	39	2
>ERCC3-E517CPMSPEFYRE	46	>ERCC3-E517CPMSPAFYRE	46	0
>ERCC3-E517CPMSPEFY	1039	>ERCC3-E517CPMSPAFY	358	681
>ERCC3-E517CPMSPEFYRE	32	>ERCC3-E517CPMSPAFYRE	27	5
>ERCC3-E517CPMSPEFYRE	97	>ERCC3-E517CPMSPAFYRE	75	22
>ERCC3-E517CPMSPEFYR	121	>ERCC3-E517CPMSPAFYR	63	58
>ERCC3-E517WCPMSPEFY	709	>ERCC3-E517WCPMSPAFY	347	362
>ERCC3-E517WCPMSPEF	1749	>ERCC3-E517WCPMSPAF	432	1317
>ERCC3-E517WCPMSPEFY	80	>ERCC3-E517WCPMSPAFY	39	41
>ERCC3-E517WCPMSPEFY	102	>ERCC3-E517WCPMSPAFY	69	33
>ERCC3-E517VWCPMSPEF	41	>ERCC3-E517VWCPMSPAF	90	49
>ERCC3-E517VWCPMSPEF	150	>ERCC3-E517VWCPMSPAF	296	146
>ERCC3-E517VWCPMSPEF	722	>ERCC3-E517VWCPMSPAF	370	352
>ERCC3-E517VWCPMSPEF	9	>ERCC3-E517VWCPMSPAF	18	9
>ERCC3-E517VWCPMSPEF	60	>ERCC3-E517VWCPMSPAF	39	21
>ERCC3-E517VWCPMSPEF	569	>ERCC3-E517VWCPMSPAF	161	408
>ERCC3-E517VWCPMSPEF	35	>ERCC3-E517VWCPMSPAF	31	4
>ERCC3-E517VWCPMSPEF	303	>ERCC3-E517VWCPMSPAF	413	110
>ERCC3-E517VWCPMSPEF	257	>ERCC3-E517VWCPMSPAF	349	92
>ERCC3-E517VWCPMSPEF	27	>ERCC3-E517VWCPMSPAF	22	5
>ERCC3-E517VWCPMSPE	610	>ERCC3-E517VWCPMSPA	218	392
>ERCC3-E517VWCPMSPEF	459	>ERCC3-E517VWCPMSPAF	148	311
>ERCC3-E517VWCPMSPEF	383	>ERCC3-E517VWCPMSPAF	287	96
>ERCC3-E517EVWCPMSPE	229	>ERCC3-E517EVWCPMSPA	86	143
>ERCC3-E517EVWCPMSPE	155	>ERCC3-E517EVWCPMSPA	149	6
>ERCC3-E517EVWCPMSPE	18	>ERCC3-E517EVWCPMSPA	11	7
>ERCC3-E517EVWCPMSPE	5	>ERCC3-E517EVWCPMSPA	4	1
>ERCC3-E517EVWCPMSPE	593	>ERCC3-E517EVWCPMSPA	151	442
>ERCC3-E517EVWCPMSPE	11	>ERCC3-E517EVWCPMSPA	7	4
>ERCC3-E517EVWCPMSPE	34	>ERCC3-E517EVWCPMSPA	27	7
>ERCC3-E517EVWCPMSPE	1041	>ERCC3-E517EVWCPMSPA	327	714
>ERCC3-E517EVWCPMSPE	680	>ERCC3-E517EVWCPMSPA	262	418
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>ERCC3-E517EVWCPMSPE	1267	>ERCC3-E517EVWCPMSPA	6	1261
>ERCC3-E517EVWCPMSPE	427	>ERCC3-E517EVWCPMSPA	5	422
>ERCC3-E517EVWCPMSPE	150	>ERCC3-E517EVWCPMSPA	120	30
>ERCC3-E517EVWCPMSPE	573	>ERCC3-E517EVWCPMSPA	321	252
>ERCC3-E517EVWCPMSPE	333	>ERCC3-E517EVWCPMSPA	393	60
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>ERCC3-E517EVWCPMSPE	245	>ERCC3-E517EVWCPMSPA	135	110
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>ERCC3-E517EVWCPMSPE	891	>ERCC3-E517EVWCPMSPA	196	695
>ERCC3-E517EVWCPMSPE	124	>ERCC3-E517EVWCPMSPA	60	64
>ERCC3-E517EVWCPMSPE	387	>ERCC3-E517EVWCPMSPA	338	49
>ERCC3-E517AEVWCPMSF	132	>ERCC3-E517AEVWCPMSF	60	72
>ERCC3-E517AEVWCPMSF	72	>ERCC3-E517AEVWCPMSF	32	40
>ERCC3-E517AEVWCPMSF	32	>ERCC3-E517AEVWCPMSF	17	15
>ERCC3-E517AEVWCPMSF	262	>ERCC3-E517AEVWCPMSF	107	155
>ERCC3-E517AEVWCPMSF	49	>ERCC3-E517AEVWCPMSF	46	3
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>ERCC3-E517AEVWCPMSF	19	>ERCC3-E517AEVWCPMSF	19	0
>ERCC3-E517AEVWCPMSF	501	>ERCC3-E517AEVWCPMSF	38	463
>ERCC3-E517AEVWCPMSF	242	>ERCC3-E517AEVWCPMSF	137	105
>ERCC3-E517AEVWCPMSF	20	>ERCC3-E517AEVWCPMSF	20	0
>ERCC3-K41&KRSWEAERV	236	>ERCC3-K41&QRSWEAERV	1204	968
>ERCC3-K41&KRSWEAERV	142	>ERCC3-K41&QRSWEAERV	1198	1056
>ERCC3-K41&KRSWEAERV	219	>ERCC3-K41&QRSWEAERV	899	680
>ERCC3-K41&KRSWEAER	141	>ERCC3-K41&QRSWEAER	1067	926
>ERCC3-K41&TKRSWEAER	2666	>ERCC3-K41&TQRSWEAER	22	2644
>ERCC3-K41&TKRSWEAER	896	>ERCC3-K41&TQRSWEAER	176	720
>ERCC3-K41&TKRSWEAER\	14920	>ERCC3-K41&TQRSWEAER'	106	14814
>ERCC3-K41&TKRSWEAER\	58	>ERCC3-K41&TQRSWEAER'	65	7
>ERCC3-K41&STYSMLGHTT	39	>ERCC3-K41&STYSMLGHTT	13853	13814
>ERCC3-K41&STYSMLGHTT	9	>ERCC3-K41&STYSMLGHTT	10500	10491
>ERCC3-K41&STYSMLGHTT	35	>ERCC3-K41&STYSMLGHTT	4591	4556
>ERCC3-K41&STYSMLGHTT	42	>ERCC3-K41&STYSMLGHTT	4071	4029
>ERCC3-K41&STYSMLGHTT	9	>ERCC3-K41&STYSMLGHTT	351	342
>ERCC3-K41&STYSMLGHTT	102	>ERCC3-K41&STYSMLGHTT	34	68
>ERCC3-K41&STYSMLGHTT	95	>ERCC3-K41&STYSMLGHTT	1581	1486
>ERCC3-K41&TTKRSWEA	60	>ERCC3-K41&TTQRSWEA	3637	3577
>ERCC3-K41&TTKRSWEAEF	477	>ERCC3-K41&TTQRSWEAEI	7607	7130
>ERCC3-K41&TTKRSWEAEF	123	>ERCC3-K41&TTQRSWEAEI	198	75
>ERCC3-K41&TTKRSWEAEF	74	>ERCC3-K41&TTQRSWEAEI	97	23
>ERCC3-K41&TTKRSWEA	463	>ERCC3-K41&TTQRSWEA	231	232
>ERCC3-K41&TTKRSWEAEF	80	>ERCC3-K41&TTQRSWEAEI	48	32



>ERCC3-K41&HTTKRSWEAI	22	>ERCC3-K41&HTTQRSWEA	43	21
>ERCC3-K41&HTTKRSWEAI	19	>ERCC3-K41&HTTQRSWEA	19	0
>ERCC3-K41&HTTKRSWEAI	7	>ERCC3-K41&HTTQRSWEA	7	0
>ERCC3-K41&HTTKRSWEA	83	>ERCC3-K41&HTTQRSWEA	93	10
>ERCC3-K41&HTTKRSWEAI	255	>ERCC3-K41&HTTQRSWEA	217	38
>ERCC3-K41&GHHTTKRSW	868	>ERCC3-K41&GHHTTQRSW	284	584
>ERCC3-K41&LGHTTKRSW	309	>ERCC3-K41&LGHTTQRSW	226	83
>ERCC3-K41&LGHTTKRSW	2893	>ERCC3-K41&LGHTTQRSW	289	2604
>ERCC3-K41&MLGHTTKRS	4372	>ERCC3-K41&MLGHTTQRS	391	3981
>ERCC3-K41&MLGHTTKR	412	>ERCC3-K41&MLGHTTQR	402	10
>ERCC3-K41&MLGHTTKR	78	>ERCC3-K41&MLGHTTQR	60	18
>ERCC3-K41&MLGHTTKR	161	>ERCC3-K41&MLGHTTQR	103	58
>ERCC3-K41&MLGHTTKRS\	616	>ERCC3-K41&MLGHTTQRS\	431	185
>ERCC3-K41&MLGHTTKRS\	690	>ERCC3-K41&MLGHTTQRS\	119	571
>ERCC3-K41&MLGHTTKR	122	>ERCC3-K41&MLGHTTQR	179	57
>ERCC3-K41&SMLGHTTK	554	>ERCC3-K41&SMLGHTTQ	147	407
>ERCC3-K41&SMLGHTTKR\	390	>ERCC3-K41&SMLGHTTQR\	108	282
>ERCC3-K41&SMLGHTTK	3836	>ERCC3-K41&SMLGHTTQ	360	3476
>ERCC3-K41&SMLGHTTK	346	>ERCC3-K41&SMLGHTTQ	27	319
>ERCC3-K41&SMLGHTTKR\	1260	>ERCC3-K41&SMLGHTTQR\	186	1074
>ERCC3-K41&SMLGHTTK	52	>ERCC3-K41&SMLGHTTQ	15642	15590
>ERCC3-K41&SMLGHTTKR	140	>ERCC3-K41&SMLGHTTQR	153	13
>ERCC3-K41&SMLGHTTK	25	>ERCC3-K41&SMLGHTTQ	19855	19830
>ERCC3-K41&SMLGHTTKR	462	>ERCC3-K41&SMLGHTTQR	314	148
>ERCC3-K41&SMLGHTTK	281	>ERCC3-K41&SMLGHTTQ	10233	9952
>ERCC3-K41&SMLGHTTK	162	>ERCC3-K41&SMLGHTTQ	9278	9116
>ERCC3-K41&SMLGHTTKR	16	>ERCC3-K41&SMLGHTTQR	14	2
>ERCC3-K41&SMLGHTTKR\	90	>ERCC3-K41&SMLGHTTQR\	53	37
>ERCC3-K41&SMLGHTTKR	603	>ERCC3-K41&SMLGHTTQR	357	246
>ERCC3-K41&SMLGHTTKR\	310	>ERCC3-K41&SMLGHTTQR\	203	107
>ERCC3-K41&SMLGHTTKR\	464	>ERCC3-K41&SMLGHTTQR\	356	108
>ERCC3-K41&SMLGHTTKR\	493	>ERCC3-K41&SMLGHTTQR\	110	383
>ERCC3-K41&SMLGHTTKR	45	>ERCC3-K41&SMLGHTTQR	60	15
>ERCC3-K41&YSMLGHTTK	54	>ERCC3-K41&YSMLGHTTQ	23487	23433
>ERCC3-K41&YSMLGHTTKF	210	>ERCC3-K41&YSMLGHTTQ	216	6
>ERCC3-K41&YSMLGHTTKF	119	>ERCC3-K41&YSMLGHTTQ	140	21
>ERCC3-K41&YSMLGHTTK	34	>ERCC3-K41&YSMLGHTTQ	2085	2051
>ERCC3-K41&YSMLGHTTKF	11	>ERCC3-K41&YSMLGHTTQ	13	2
>ERCC3-K41&YSMLGHTTK	1785	>ERCC3-K41&YSMLGHTTQ	257	1528
>ERCC3-K41&YSMLGHTTK	358	>ERCC3-K41&YSMLGHTTQ	117	241
>ERCC3-K41&TYSMLGHTTK	47	>ERCC3-K41&TYSMLGHTTC	41	6
>ERCC3-K41&TYSMLGHTTK	129	>ERCC3-K41&TYSMLGHTTC	94	35
>ERCC3-K41&TYSMLGHTTK	172	>ERCC3-K41&TYSMLGHTTC	117	55

>ERCC3-K41&TYSMLGHTTK	36	>ERCC3-K41&TYSMLGHTTK	45	9
>ERCC4-A58&AELTFVRQL	29	>ERCC4-A58&TELTFVRQL	11	18
>ERCC4-A58&AELTFVRQLEI	11	>ERCC4-A58&TELTFVRQLEI	6	5
>ERCC4-A58&AELTFVRQL	1316	>ERCC4-A58&TELTFVRQL	81	1235
>ERCC4-A58&AELTFVRQL	124	>ERCC4-A58&TELTFVRQL	399	275
>ERCC4-A58&AELTFVRQLEI	353	>ERCC4-A58&TELTFVRQLEI	883	530
>ERCC4-A58&AELTFVRQL	37	>ERCC4-A58&TELTFVRQL	72	35
>ERCC4-A58&AELTFVRQLEI	40	>ERCC4-A58&TELTFVRQLEI	78	38
>ERCC4-A58&AELTFVRQL	168	>ERCC4-A58&TELTFVRQL	320	152
>ERCC4-A58&AELTFVRQLEI	155	>ERCC4-A58&TELTFVRQLEI	291	136
>ERCC4-A58&AELTFVRQ	364	>ERCC4-A58&TELTFVRQ	1817	1453
>ERCC4-A58&AELTFVRQL	101	>ERCC4-A58&TELTFVRQL	433	332
>ERCC4-A58&AELTFVRQLEI	185	>ERCC4-A58&TELTFVRQLEI	862	677
>ERCC4-A58&AELTFVRQ	167	>ERCC4-A58&TELTFVRQ	1654	1487
>ERCC4-A58&AELTFVRQL	274	>ERCC4-A58&TELTFVRQL	3011	2737
>ERCC4-A58&AELTFVRQLEI	59	>ERCC4-A58&TELTFVRQLEI	633	574
>ERCC4-A58&AELTFVRQL	4	>ERCC4-A58&TELTFVRQL	9	5
>ERCC4-A58&AELTFVRQLEI	4	>ERCC4-A58&TELTFVRQLEI	9	5
>ERCC4-A58&DAELTFVR	48	>ERCC4-A58&DTELTFVR	22	26
>ERCC4-A58&DAELTFVR	33	>ERCC4-A58&DTELTFVR	12	21
>ERCC4-A58&YDAELTFVRQ	350	>ERCC4-A58&YDTELTFVRQ	639	289
>ERCC4-A58&YDAELTFV	63	>ERCC4-A58&YDTELTFV	607	544
>ERCC4-A58&YDAELTFV	490	>ERCC4-A58&YDTELTFV	2843	2353
>ERCC4-A58&YDAELTFV	88	>ERCC4-A58&YDTELTFV	178	90
>ERCC4-A58&YDAELTFV	445	>ERCC4-A58&YDTELTFV	1024	579
>ERCC4-A58&YDAELTFV	172	>ERCC4-A58&YDTELTFV	398	226
>ERCC4-A58&YDAELTFVR	59	>ERCC4-A58&YDTELTFVR	145	86
>ERCC4-A58&YDAELTFV	244	>ERCC4-A58&YDTELTFV	1203	959
>ERCC4-A58&YDAELTFV	343	>ERCC4-A58&YDTELTFV	1871	1528
>ERCC4-A58&YDAELTFVRQ	767	>ERCC4-A58&YDTELTFVRQ	379	388
>ERCC4-A58&YDAELTFV	117	>ERCC4-A58&YDTELTFV	82	35
>ERCC4-A58&YDAELTFVRQ	104	>ERCC4-A58&YDTELTFVRQ	161	57
>ERCC4-A58&YDAELTFV	96	>ERCC4-A58&YDTELTFV	68	28
>ERCC4-A58&LYDAELTFV	75	>ERCC4-A58&LYDTELTFV	275	200
>ERCC4-A58&LYDAELTFV	62	>ERCC4-A58&LYDTELTFV	170	108
>ERCC4-A58&LYDAELTFV	298	>ERCC4-A58&LYDTELTFV	639	341
>ERCC4-A58&LYDAELTF	172	>ERCC4-A58&LYDTELTF	274	102
>ERCC4-A58&LYDAELTF	255	>ERCC4-A58&LYDTELTF	227	28
>ERCC4-A58&LYDAELTF	8	>ERCC4-A58&LYDTELTF	11	3
>ERCC4-A58&LYDAELTFVR	78	>ERCC4-A58&LYDTELTFVR	77	1
>ERCC4-A58&VLYDAELTF	453	>ERCC4-A58&VLYDTELTF	553	100
>ERCC4-A58&VLYDAELT	362	>ERCC4-A58&VLYDTELT	275	87
>ERCC4-A58&VLYDAELTFV	6	>ERCC4-A58&VLYDTELTFV	6	0

>ERCC4-A58:VLYDAELT	276	>ERCC4-A58:VLYDTELT	228	48
>ERCC4-A58:VLYDAELTFV	9	>ERCC4-A58:VLYDTELTFV	11	2
>ERCC4-A58:VLYDAELT	157	>ERCC4-A58:VLYDTELT	115	42
>ERCC4-A58:VLYDAELTFV	10	>ERCC4-A58:VLYDTELTFV	9	1
>ERCC4-A58:VLYDAELT	392	>ERCC4-A58:VLYDTELT	554	162
>ERCC4-A58:VLYDAELTFV	40	>ERCC4-A58:VLYDTELTFV	31	9
>ERCC4-A58:VLYDAELT	23	>ERCC4-A58:VLYDTELT	13	10
>ERCC4-A58:VLYDAELTF	55	>ERCC4-A58:VLYDTELTF	25	30
>ERCC4-A58:VLYDAELTFV	1	>ERCC4-A58:VLYDTELTFV	1	0
>ERCC4-A58:VLYDAELTFVI	585	>ERCC4-A58:VLYDTELTFVI	369	216
>ERCC4-A58:VLYDAELTFV	3	>ERCC4-A58:VLYDTELTFV	3	0
>ERCC4-A58:VLYDAELT	79	>ERCC4-A58:VLYDTELT	62	17
>ERCC4-A58:VLYDAELTFV	3	>ERCC4-A58:VLYDTELTFV	3	0
>ERCC4-A58:VLYDAELTFV	2	>ERCC4-A58:VLYDTELTFV	2	0
>ERCC4-A58:VLYDAELT	13	>ERCC4-A58:VLYDTELT	9	4
>ERCC4-A58:VLYDAELTF	35	>ERCC4-A58:VLYDTELTF	30	5
>ERCC4-A58:VLYDAELTFV	1	>ERCC4-A58:VLYDTELTFV	1	0
>ERCC4-A58:VLYDAELTFVI	167	>ERCC4-A58:VLYDTELTFVI	161	6
>ERCC4-A58:VLYDAELTFVI	148	>ERCC4-A58:VLYDTELTFVI	157	9
>ERCC4-A58:VLYDAELTFVI	249	>ERCC4-A58:VLYDTELTFVI	219	30
>ERCC4-A58:VLYDAELTF	146	>ERCC4-A58:VLYDTELTF	138	8
>ERCC4-A58:VLYDAELTF	464	>ERCC4-A58:VLYDTELTF	344	120
>ERCC4-A58:VLYDAELTFVI	107	>ERCC4-A58:VLYDTELTFVI	75	32
>ERCC4-A58:VLYDAELTF	114	>ERCC4-A58:VLYDTELTF	60	54
>ERCC4-A58:VLYDAELTFVI	407	>ERCC4-A58:VLYDTELTFVI	374	33
>ERCC4-A58:VLYDAELTFVI	68	>ERCC4-A58:VLYDTELTFVI	67	1
>ERCC4-A58:VLYDAELTF	59	>ERCC4-A58:VLYDTELTF	65	6
>ERCC4-A58:VLYDAELTF	163	>ERCC4-A58:VLYDTELTF	134	29
>ERCC4-A58:VLYDAELTF	20	>ERCC4-A58:VLYDTELTF	12	8
>ERCC4-A58:VLYDAELTF	15	>ERCC4-A58:VLYDTELTF	13	2
>ERCC4-A58:VLYDAELTF	134	>ERCC4-A58:VLYDTELTF	363	229
>ERCC4-A58:VLYDAELTF	1196	>ERCC4-A58:VLYDTELTF	497	699
>ERCC4-A58:VLYDAELTFVI	141	>ERCC4-A58:VLYDTELTFVI	128	13
>ERCC4-A58:VLYDAELTFV	642	>ERCC4-A58:VLYDTELTFV	371	271
>ERCC4-A58:VVLYDAELTF\	97	>ERCC4-A58:VVLYDTELTF\	49	48
>ERCC4-A58:VVLYDAELTF\	155	>ERCC4-A58:VVLYDTELTF\	105	50
>ERCC4-A58:VVLYDAELTF\	190	>ERCC4-A58:VVLYDTELTF\	146	44
>ERCC4-A58:VVLYDAEL	202	>ERCC4-A58:VVLYDTEL	178	24
>ERCC4-A58:VVLYDAELTF\	7	>ERCC4-A58:VVLYDTELTF\	7	0
>ERCC4-A58:VVLYDAELTF\	53	>ERCC4-A58:VVLYDTELTF\	48	5
>ERCC4-A58:VVLYDAELTF\	101	>ERCC4-A58:VVLYDTELTF\	66	35
>ERCC4-A58:VVLYDAELTF\	41	>ERCC4-A58:VVLYDTELTF\	33	8
>ERCC4-A58:VVLYDAELTF\	28	>ERCC4-A58:VVLYDTELTF\	16	12

>ERCC4-A58:VVLYDAELTF\	41	>ERCC4-A58:VVLYDTELTF\	35	6
>ERCC4-A58:VVLYDAELTF	88	>ERCC4-A58:VVLYDTELTF	44	44
>ERCC4-A58:VVLYDAELTF\	391	>ERCC4-A58:VVLYDTELTF\	241	150
>ERCC4-A58:VVLYDAELTF\	176	>ERCC4-A58:VVLYDTELTF\	176	0
>ERCC4-A58:VVLYDAELTF	245	>ERCC4-A58:VVLYDTELTF	166	79
>ERCC4-A58:VVLYDAELTF	94	>ERCC4-A58:VVLYDTELTF	134	40
>ERCC4-A58:VVLYDAELTF	728	>ERCC4-A58:VVLYDTELTF	380	348
>ERCC4-A58:YVVLYDAEL	420	>ERCC4-A58:YVVLYDTEL	633	213
>ERCC4-A58:YVVLYDAEL	104	>ERCC4-A58:YVVLYDTEL	218	114
>ERCC4-A58:YVVLYDAEL	40	>ERCC4-A58:YVVLYDTEL	40	0
>ERCC4-A58:YVVLYDAEL	321	>ERCC4-A58:YVVLYDTEL	331	10
>ERCC4-A58:YVVLYDAEL	34	>ERCC4-A58:YVVLYDTEL	29	5
>ERCC4-A58:YVVLYDAELT	1017	>ERCC4-A58:YVVLYDEL	462	555
>ERCC4-A58:YVVLYDAEL	72	>ERCC4-A58:YVVLYDTEL	112	40
>ERCC4-A58:YVVLYDAELTI	370	>ERCC4-A58:YVVLYDELTI	387	17
>ERCC4-A58:YVVLYDAEL	152	>ERCC4-A58:YVVLYDTEL	1117	965
>ERCC4-A58:YVVLYDAELTI	52	>ERCC4-A58:YVVLYDELTI	105	53
>ERCC4-A58:YVVLYDAELTI	185	>ERCC4-A58:YVVLYDELTI	217	32
>ERCC4-A58:YVVLYDAEL	91	>ERCC4-A58:YVVLYDTEL	187	96
>ERCC4-A58:YVVLYDAELTI	159	>ERCC4-A58:YVVLYDELTI	188	29
>ERCC4-A58:YVVLYDAELTI	222	>ERCC4-A58:YVVLYDELTI	133	89
>ERCC4-A58:YVVLYDAEL	74	>ERCC4-A58:YVVLYDTEL	192	118
>ERCC4-A58:YVVLYDAELTI	9	>ERCC4-A58:YVVLYDELTI	10	1
>ERCC4-A58:YVVLYDAEL	101	>ERCC4-A58:YVVLYDTEL	121	20
>ERCC4-A58:YVVLYDAELTI	16	>ERCC4-A58:YVVLYDELTI	21	5
>ERCC4-A58:YVVLYDAELTI	566	>ERCC4-A58:YVVLYDELTI	491	75
>ERCC4-A58:YVVLYDAELTI	233	>ERCC4-A58:YVVLYDELTI	131	102
>ERCC4-A58:YVVLYDAELTI	150	>ERCC4-A58:YVVLYDELTI	250	100
>ERCC4-A58:RYVVLYDAEL	523	>ERCC4-A58:RYVVLYDTEL	78	445
>ERCC4-A58:RYVVLYDAEL	593	>ERCC4-A58:RYVVLYDTEL	392	201
>ERCC4-A58:RYVVLYDAEL	325	>ERCC4-A58:RYVVLYDTEL	236	89
>ERCC4-A58:RYVVLYDA	413	>ERCC4-A58:RYVVLYDT	412	1
>ERCC4-A58:RYVVLYDAE	500	>ERCC4-A58:RYVVLYDTE	295	205
>ERCC4-A58:RYVVLYDAEL	8	>ERCC4-A58:RYVVLYDTEL	10	2
>ERCC4-A58:RYVVLYDAEL	589	>ERCC4-A58:RYVVLYDEL	339	250
>ERCC4-A58:RYVVLYDA	261	>ERCC4-A58:RYVVLYDT	862	601
>ERCC4-A58:RYVVLYDAE	248	>ERCC4-A58:RYVVLYDTE	276	28
>ERCC4-A58:RYVVLYDAEL	432	>ERCC4-A58:RYVVLYDTEL	408	24
>ERCC4-A58:PRYVVLYDA	440	>ERCC4-A58:PRYVVLYDT	973	533
>ERCC4-A58:PRYVVLYDAE	363	>ERCC4-A58:PRYVVLYDTE	285	78
>ERCC4-A58:PRYVVLYDAE	139	>ERCC4-A58:PRYVVLYDTE	146	7
>ERCC4-A58:EPYVVLYDA	16	>ERCC4-A58:EPYVVLYDT	283	267
>ERCC4-R64( REGRDETNL	134	>ERCC4-R64( TEGRDETNL	1046	912

>ERCC4-R64:REGRDETNL	75	>ERCC4-R64:TEGRDETNL	572	497
>ERCC4-R64:REGRDETNL	373	>ERCC4-R64:TEGRDETNL	1164	791
>ERCC4-R64:EKASMVVPEI	40	>ERCC4-R64:EKASMVVPEI	22061	22021
>ERCC4-R64:EEREGRDE	284	>ERCC4-R64:EETEGRDE	750	466
>ERCC4-R64:EEREGRDET	1602	>ERCC4-R64:EETEGRDET	130	1472
>ERCC4-R64:EEREGRDET	389	>ERCC4-R64:EETEGRDET	659	270
>ERCC4-R64:EEREGRDET	177	>ERCC4-R64:EETEGRDET	137	40
>ERCC4-R64:MOVVPEEREG	394	>ERCC4-R64:MOVVPEETEG	1142	748
>ERCC4-R64:MOVVPEEREG	21	>ERCC4-R64:MOVVPEETEG	12	9
>ERCC4-R64:MOVVPEEREG	762	>ERCC4-R64:MOVVPEETEG	433	329
>ERCC4-R64:SMVVPEER	9112	>ERCC4-R64:SMVVPEET	293	8819
>ERCC4-R64:SMVVPEER	123	>ERCC4-R64:SMVVPEET	21193	21070
>ERCC4-R64:SMVVPEERE	381	>ERCC4-R64:SMVVPEETE	623	242
>ERCC4-R64:SMVVPEER	244	>ERCC4-R64:SMVVPEET	31785	31541
>ERCC4-R64:SMVVPEERE	323	>ERCC4-R64:SMVVPEETE	263	60
>ERCC4-R64:ASMVVPEER	100	>ERCC4-R64:ASMVVPEET	19421	19321
>ERCC4-R64:ASMVVPEER	61	>ERCC4-R64:ASMVVPEET	19568	19507
>ERCC4-R64:ASMVVPEER	96	>ERCC4-R64:ASMVVPEET	30256	30160
>ERCC4-R64:ASMVVPEER	115	>ERCC4-R64:ASMVVPEET	3226	3111
>ERCC4-R64:KASMVVPEEI	356	>ERCC4-R64:KASMVVPEET	32505	32149
>ERCC4-R64:KASMVVPEEI	40	>ERCC4-R64:KASMVVPEET	17460	17420
>ERCC4-R64:KASMVVPEEI	49	>ERCC4-R64:KASMVVPEET	34501	34452
>ERCC5-D94:DSKGSFLWGI	2536	>ERCC5-D94:YSKGSFLWGH	344	2192
>ERCC5-D94:DSKGSFLWGI	374	>ERCC5-D94:YSKGSFLWGH	75	299
>ERCC5-D94:DSKGSFLWGI	1153	>ERCC5-D94:YSKGSFLWGH	40	1113
>ERCC5-D94:DSKGSFLWGI	424	>ERCC5-D94:YSKGSFLWGH	125	299
>ERCC5-D94:DSKGSFLWGI	116	>ERCC5-D94:YSKGSFLWGH	57	59
>ERCC5-D94:DSKGSFLW	119	>ERCC5-D94:YSKGSFLW	4	115
>ERCC5-D94:DSKGSFLW	109	>ERCC5-D94:YSKGSFLW	38	71
>ERCC5-D94:DSKGSFLW	839	>ERCC5-D94:YSKGSFLW	15	824
>ERCC5-D94:DSKGSFLW	3210	>ERCC5-D94:YSKGSFLW	103	3107
>ERCC5-D94:DSKGSFLW	7442	>ERCC5-D94:YSKGSFLW	413	7029
>ERCC5-D94:DSKGSFLWGI	739	>ERCC5-D94:YSKGSFLWGH	460	279
>ERCC5-D94:DDSKGSFL	30925	>ERCC5-D94:DYSKGSFL	355	30570
>ERCC5-D94:DDSKGSFLW	15906	>ERCC5-D94:DYSKGSFLW	86	15820
>ERCC5-D94:DDSKGSFL	26743	>ERCC5-D94:DYSKGSFL	300	26443
>ERCC5-D94:DDSKGSFLW	26488	>ERCC5-D94:DYSKGSFLW	131	26357
>ERCC5-D94:DDSKGSFLW	17039	>ERCC5-D94:DYSKGSFLWC	98	16941
>ERCC5-D94:DDSKGSFLW	2354	>ERCC5-D94:DYSKGSFLWC	356	1998
>ERCC5-D94:AEAYLKPVVD	23997	>ERCC5-D94:AEAYLKPVVD	378	23619
>ERCC5-D94:AEAYLKPVVD	3932	>ERCC5-D94:AEAYLKPVVD	265	3667
>ERCC5-D94:AEAYLKPVVD	1490	>ERCC5-D94:AEAYLKPVVD	75	1415
>ERCC5-D94:AEAYLKPVVD	747	>ERCC5-D94:AEAYLKPVVD	216	531

>ERCC5-D94:VDDSKGSF	8514	>ERCC5-D94:VDYSKGSF	343	8171
>ERCC5-D94:VDDSKGSFL	1606	>ERCC5-D94:VDYSKGSFL	188	1418
>ERCC5-D94:VVDDSKGSFL	345	>ERCC5-D94:VVDYSKGSFL	3284	2939
>ERCC5-D94:VVDDSKGSFL	314	>ERCC5-D94:VVDYSKGSFL	5602	5288
>ERCC5-D94:VVDDSKGSFL	287	>ERCC5-D94:VVDYSKGSFL	660	373
>ERCC5-D94:VVDDSKGSFL	55	>ERCC5-D94:VVDYSKGSFL	52	3
>ERCC5-D94:VVDDSKGSF	760	>ERCC5-D94:VVDYSKGSF	454	306
>ERCC5-D94:PVVDDSKGSF	203	>ERCC5-D94:PVVDYSKGSF	295	92
>ERCC5-D94:PVVDDSKGSF	266	>ERCC5-D94:PVVDYSKGSF	392	126
>ERCC5-D94:KPVVDDSKGS	90	>ERCC5-D94:KPVVDYSKGS	63	27
>ERCC5-D94:KPVVDDSKGS	1039	>ERCC5-D94:KPVVDYSKGS	356	683
>ERCC5-D94:KPVVDDSKGS	174	>ERCC5-D94:KPVVDYSKGS	330	156
>ERCC5-D94:KPVVDDSKGS	353	>ERCC5-D94:KPVVDYSKGS	427	74
>ERCC5-D94:KPVVDDSKGS	488	>ERCC5-D94:KPVVDYSKGS	401	87
>ERCC5-D94:KPVVDDSKGS	558	>ERCC5-D94:KPVVDYSKGS	333	225
>ERCC5-D94:YLPVVDDS	1206	>ERCC5-D94:YLPVVVDYS	42	1164
>ERCC5-D94:YLPVVDDS	309	>ERCC5-D94:YLPVVVDYS	40	269
>ERCC5-D94:YLPVVDDSK	1428	>ERCC5-D94:YLPVVVDYSK	459	969
>ERCC5-D94:YLPVVDDS	3979	>ERCC5-D94:YLPVVVDYS	59	3920
>ERCC5-D94:YLPVVDDS	1247	>ERCC5-D94:YLPVVVDYS	207	1040
>ERCC5-D94:YLPVVDDSK	1785	>ERCC5-D94:YLPVVVDYSK	432	1353
>ERCC5-D94:YLPVVDDSK	1427	>ERCC5-D94:YLPVVVDYSK	234	1193
>ERCC5-D94:YLPVVDDSK	2697	>ERCC5-D94:YLPVVVDYSK	227	2470
>ERCC5-D94:YLPVVDD	24502	>ERCC5-D94:YLPVVVDY	101	24401
>ERCC5-D94:YLPVVDDSK	2114	>ERCC5-D94:YLPVVVDYSK	367	1747
>ERCC5-D94:YLPVVDDSK	871	>ERCC5-D94:YLPVVVDYSK	140	731
>ERCC5-D94:YLPVVDD	26493	>ERCC5-D94:YLPVVVDY	223	26270
>ERCC5-D94:YLPVVDD	16658	>ERCC5-D94:YLPVVVDY	52	16606
>ERCC5-D94:YLPVVDD	24123	>ERCC5-D94:YLPVVVDY	64	24059
>ERCC5-D94:YLPVVDD	17144	>ERCC5-D94:YLPVVVDY	62	17082
>ERCC5-D94:AYLKPVVDD	1117	>ERCC5-D94:AYLKPVVVDY	89	1028
>ERCC5-D94:AYLKPVVDDS	735	>ERCC5-D94:AYLKPVVVDYS	319	416
>ERCC5-D94:AYLKPVVDDS	597	>ERCC5-D94:AYLKPVVVDYS	430	167
>ERCC5-D94:AYLKPVVDD	25207	>ERCC5-D94:AYLKPVVVDY	363	24844
>ERCC5-D94:AYLKPVVDDS	440	>ERCC5-D94:AYLKPVVVDYS	91	349
>ERCC5-D94:AYLKPVVDD	21763	>ERCC5-D94:AYLKPVVVDY	388	21375
>ERCC5-D94:EAYLKPVVDD	30084	>ERCC5-D94:EAYLKPVVVDY	344	29740
>ERCC5-D94:EAYLKPVVDD	22239	>ERCC5-D94:EAYLKPVVVDY	69	22170
>ERCC5-G78\DGDAPLLK	9715	>ERCC5-G78\DVDAPLLK	398	9317
>ERCC5-G78\DGDAPLLK	10888	>ERCC5-G78\DVDAPLLK	401	10487
>ERCC5-G78\FRIRPIVFDG	6276	>ERCC5-G78\FRIRPIVFDV	241	6035
>ERCC5-G78\FRIRPIVFDG	2816	>ERCC5-G78\FRIRPIVFDV	170	2646
>ERCC5-G78\FRIRPIVFDG	2296	>ERCC5-G78\FRIRPIVFDV	350	1946

>ERCC5-G78\FDGDAPLL	2325	>ERCC5-G78\FDVDAPLL	476	1849
>ERCC5-G78\FDGDAPLL	1403	>ERCC5-G78\FDVDAPLL	405	998
>ERCC5-G78\FVDGDAPLLK	401	>ERCC5-G78\FVDVDAPLLK	501	100
>ERCC5-G78\FVFDGDAPL	554	>ERCC5-G78\FVFDVDAPL	454	100
>ERCC5-G78\FVFDGDAPL	10	>ERCC5-G78\FVFDVDAPL	10	0
>ERCC5-G78\FVFDGDAPLL	89	>ERCC5-G78\FVFDVDAPLL	112	23
>ERCC5-G78\FVFDGDAP	2083	>ERCC5-G78\FVFDVDAP	485	1598
>ERCC5-G78\FVFDGDAPL	5	>ERCC5-G78\FVFDVDAPL	4	1
>ERCC5-G78\FVFDGDAPLL	16	>ERCC5-G78\FVFDVDAPLL	21	5
>ERCC5-G78\FVFDGDAPL	12	>ERCC5-G78\FVFDVDAPL	13	1
>ERCC5-G78\FVFDGDAPLL	172	>ERCC5-G78\FVFDVDAPLL	197	25
>ERCC5-G78\FVFDGDAP	302	>ERCC5-G78\FVFDVDAP	230	72
>ERCC5-G78\FVFDGDAPL	3	>ERCC5-G78\FVFDVDAPL	4	1
>ERCC5-G78\FVFDGDAPLL	59	>ERCC5-G78\FVFDVDAPLL	50	9
>ERCC5-G78\FVFDGDAPL	10	>ERCC5-G78\FVFDVDAPL	5	5
>ERCC5-G78\FVFDGDAPLL	14	>ERCC5-G78\FVFDVDAPLL	11	3
>ERCC5-G78\FVFDGDAPL	9	>ERCC5-G78\FVFDVDAPL	8	1
>ERCC5-G78\FVFDGDAPLL	58	>ERCC5-G78\FVFDVDAPLL	60	2
>ERCC5-G78\FVFDGDAPL	21	>ERCC5-G78\FVFDVDAPL	12	9
>ERCC5-G78\FVFDGDAPLL	14	>ERCC5-G78\FVFDVDAPLL	14	0
>ERCC5-G78\FVFDGDAPL	429	>ERCC5-G78\FVFDVDAPL	687	258
>ERCC5-G78\FVFDGDAPLL	183	>ERCC5-G78\FVFDVDAPLL	313	130
>ERCC5-G78\FVFDGDAPL	4	>ERCC5-G78\FVFDVDAPL	6	2
>ERCC5-G78\FVFDGDAPLL	4	>ERCC5-G78\FVFDVDAPLL	6	2
>ERCC5-G78\FVFDGDAPLL	205	>ERCC5-G78\FVFDVDAPLL	155	50
>ERCC5-G78\FVFDGDAPLL	20	>ERCC5-G78\FVFDVDAPLL	15	5
>ERCC5-G78\FVFDGDAPL	207	>ERCC5-G78\FVFDVDAPL	144	63
>ERCC5-G78\FVFDGDAPLL	205	>ERCC5-G78\FVFDVDAPLL	372	167
>ERCC5-G78\FVFDGDAPLL	5	>ERCC5-G78\FVFDVDAPLL	3	2
>ERCC5-G78\FVFDGDAPL	6	>ERCC5-G78\FVFDVDAPL	5	1
>ERCC5-G78\FVFDGDAPLL	297	>ERCC5-G78\FVFDVDAPLL	317	20
>ERCC5-G78\FVFDGDAPL	44	>ERCC5-G78\FVFDVDAPL	42	2
>ERCC5-G78\FVFDGDAPLL	42	>ERCC5-G78\FVFDVDAPLL	43	1
>ERCC5-G78\FVFDGDAPL	96	>ERCC5-G78\FVFDVDAPL	142	46
>ERCC5-G78\FVFDGDAPL	181	>ERCC5-G78\FVFDVDAPL	936	755
>ERCC5-G78\FVFDGDAPL	32	>ERCC5-G78\FVFDVDAPL	307	275
>ERCC5-G78\FVFDGDAPLL	214	>ERCC5-G78\FVFDVDAPLL	977	763
>ERCC5-G78\FVFDGDAPL	30	>ERCC5-G78\FVFDVDAPL	35	5
>ERCC5-G78\FVFDGDAPL	111	>ERCC5-G78\FVFDVDAPL	160	49
>ERCC5-G78\FVFDGDAPLL	239	>ERCC5-G78\FVFDVDAPLL	383	144
>ERCC5-G78\FVFDGDAPL	391	>ERCC5-G78\FVFDVDAPL	277	114
>ERCC5-G78\PIFVFDGDAP	332	>ERCC5-G78\PIFVFDVDAP	264	68
>ERCC5-G78\RPIFVFDG	16826	>ERCC5-G78\RPIFVFDV	51	16775

>ERCC5-G78\ RPIFVFDG	21831	>ERCC5-G78\ RPIFVFDV	409	21422
>ERCC5-G78\ RPIFVFDGDA	157	>ERCC5-G78\ RPIFVFDVDA	110	47
>ERCC5-G78\ RIRPIFVFDG	23304	>ERCC5-G78\ RIRPIFVFDV	149	23155
>ERCC5-G78\ RIRPIFVFDG	25000	>ERCC5-G78\ RIRPIFVFDV	342	24658
>ERCC5-G78\ RIRPIFVFDG	26119	>ERCC5-G78\ RIRPIFVFDV	13	26106
>ERCC5-G78\ RIRPIFVFDG	42	>ERCC5-G78\ RIRPIFVFDV	10	32
>ERCC5-I186\ IDIESEDFSSL	937	>ERCC5-I186\ TDIESEDFSSL	484	453
>ERCC5-I186\ IDIESEDFSSL	399	>ERCC5-I186\ TDIESEDFSSL	239	160
>ERCC5-I186\ AIDIESEDF	5580	>ERCC5-I186\ ATDIESEDF	32	5548
>ERCC5-I186\ QEEFFHNPQ/	100	>ERCC5-I186\ QEEFFHNPQ/	16310	16210
>ERCC5-I186\ QEEFFHNPQ/	48	>ERCC5-I186\ QEEFFHNPQ/	4522	4474
>ERCC5-I186\ QEEFFHNPQ/	111	>ERCC5-I186\ QEEFFHNPQ/	53	58
>ERCC5-I186\ QEEFFHNPQ/	170	>ERCC5-I186\ QEEFFHNPQ/	8546	8376
>ERCC5-I186\ QAIDIESEDF	361	>ERCC5-I186\ QATDIESEDF	1185	824
>ERCC5-I186\ QAIDIESEDF	144	>ERCC5-I186\ QATDIESEDF	822	678
>ERCC5-I186\ PQAIDIESEDF	238	>ERCC5-I186\ PQATDIESED	98	140
>ERCC5-I186\ NPQAIDIES	209	>ERCC5-I186\ NPQATDIES	331	122
>ERCC5-I186\ FHNPAIDI	421	>ERCC5-I186\ FHNPAIDI	1394	973
>ERCC5-I186\ FFHNPQAI	100	>ERCC5-I186\ FFHNPQAT	9076	8976
>ERCC5-I186\ FFHNPQAIDI	149	>ERCC5-I186\ FFHNPQATDI	203	54
>ERCC5-I186\ EFFHNPQAI	493	>ERCC5-I186\ EFFHNPQAT	20966	20473
>ERCC5-I186\ EEFFHNPQAI	108	>ERCC5-I186\ EEFFHNPQAT	15185	15077
>ERCC5-I186\ EEFFHNPQAI	252	>ERCC5-I186\ EEFFHNPQAT	1029	777
>ERCC5-I186\ EEFFHNPQAI	371	>ERCC5-I186\ EEFFHNPQAT	1365	994
>ERCC5-I186\ EEFFHNPQAI	10	>ERCC5-I186\ EEFFHNPQAT	530	520
>ERCC5-Q62\ QQTTESAGQ	167	>ERCC5-Q62\ EQTTESAGQI	780	613
>ERCC5-Q62\ EQQTTESA	2640	>ERCC5-Q62\ EEQTTESA	17	2623
>ERCC5-Q62\ QEQQTTES	435	>ERCC5-Q62\ QEEQTTES	939	504
>ERCC5-Q62\ QEQQTTESA	21	>ERCC5-Q62\ QEEQTTESA	37	16
>ERCC5-Q62\ QEQQTTESA(	156	>ERCC5-Q62\ QEEQTTESAC	173	17
>ERCC5-Q62\ ETIQEQQTTE	381	>ERCC5-Q62\ ETIQEEQTTE	720	339
>ERCC5-Q62\ ETIQEQQT	169	>ERCC5-Q62\ ETIQEEQT	185	16
>ERCC5-Q62\ ETIQEQQTT	105	>ERCC5-Q62\ ETIQEEQTT	205	100
>ERCC5-Q62\ ETIQEQQTTE	200	>ERCC5-Q62\ ETIQEEQTTE	273	73
>ERCC5-Q62\ ETIQEQQTTE	271	>ERCC5-Q62\ ETIQEEQTTE:	357	86
>ERCC5-Q62\ FLETIQEQ	128	>ERCC5-Q62\ FLETIQEE	992	864
>ERCC5-Q62\ FLETIQEQQ	91	>ERCC5-Q62\ FLETIQEEQ	51	40
>ERCC5-Q62\ FLETIQEQQT	119	>ERCC5-Q62\ FLETIQEEQTTI	167	48
>ERCC5-Q62\ FLETIQEQ	20	>ERCC5-Q62\ FLETIQEE	1399	1379
>ERCC5-Q62\ FLETIQEQQ	60	>ERCC5-Q62\ FLETIQEEQ	61	1
>ERCC5-Q62\ FLETIQEQQT	28	>ERCC5-Q62\ FLETIQEEQT	60	32
>ERCC5-Q62\ FLETIQEQQT	20	>ERCC5-Q62\ FLETIQEEQTTI	26	6
>ERG-Q293K\ QIQLWQFL	2949	>ERG-Q293K\ KIQLWQFL	266	2683



>ERG-Q293K QIQLWQFLL	370	>ERG-Q293K KIQLWQFLL	40	330
>ERG-Q293K QIQLWQFLL	661	>ERG-Q293K KIQLWQFLL	64	597
>ERG-Q293K QIQLWQFL	1359	>ERG-Q293K KIQLWQFL	477	882
>ERG-Q293K QIQLWQFLL	881	>ERG-Q293K KIQLWQFLL	268	613
>ERG-Q293K QIQLWQFL	1152	>ERG-Q293K KIQLWQFL	227	925
>ERG-Q293K QIQLWQFLL	1396	>ERG-Q293K KIQLWQFLL	252	1144
>ERG-Q293K QIQLWQFLL	1262	>ERG-Q293K KIQLWQFLL	280	982
>ERG-Q293K QIQLWQFL	2342	>ERG-Q293K KIQLWQFL	278	2064
>ERG-Q293K QIQLWQFLL	2200	>ERG-Q293K KIQLWQFLL	227	1973
>ERG-Q293K QIQLWQFLL	2268	>ERG-Q293K KIQLWQFLL	240	2028
>ERG-Q293K QIQLWQFLL	3158	>ERG-Q293K KIQLWQFLL	313	2845
>ERG-Q293K QIQLWQFL	5216	>ERG-Q293K KIQLWQFL	469	4747
>ERG-Q293K QIQLWQFLL	4939	>ERG-Q293K KIQLWQFLL	384	4555
>ERG-Q293K QIQLWQFLL	1082	>ERG-Q293K KIQLWQFLL	464	618
>ERG-Q293K QIQLWQFL	1119	>ERG-Q293K KIQLWQFL	287	832
>ERG-Q293K QIQLWQFLL	372	>ERG-Q293K KIQLWQFLL	82	290
>ERG-Q293K QIQLWQFLL	515	>ERG-Q293K KIQLWQFLL	124	391
>ERG-Q293K QIQLWQFLL	7676	>ERG-Q293K KIQLWQFLL	474	7202
>ERG-Q293K QIQLWQFLL	2184	>ERG-Q293K KIQLWQFLL	236	1948
>ERG-Q293K QIQLWQFLL	1574	>ERG-Q293K KIQLWQFLL	141	1433
>ERG-Q293K QIQLWQFLL	11187	>ERG-Q293K KIQLWQFLL	276	10911
>ERG-Q293K QIQLWQFLL	472	>ERG-Q293K KIQLWQFLL	696	224
>ERG-Q293K GQIQLWQFL	239	>ERG-Q293K GKIQLWQFL	6461	6222
>ERG-Q293K GQIQLWQFL	240	>ERG-Q293K GKIQLWQFL	5972	5732
>ERG-Q293K GQIQLWQF	80	>ERG-Q293K GKIQLWQF	11238	11158
>ERG-Q293K GQIQLWQFL	8	>ERG-Q293K GKIQLWQFL	2770	2762
>ERG-Q293K GQIQLWQFL	475	>ERG-Q293K GKIQLWQFL	6733	6258
>ERG-Q293K GQIQLWQF	265	>ERG-Q293K GKIQLWQF	2128	1863
>ERG-Q293K GQIQLWQF	79	>ERG-Q293K GKIQLWQF	10550	10471
>ERG-Q293K GQIQLWQFL	482	>ERG-Q293K GKIQLWQFL	17696	17214
>ERG-Q293K GQIQLWQF	55	>ERG-Q293K GKIQLWQF	60	5
>ERG-Q293K GQIQLWQFL	185	>ERG-Q293K GKIQLWQFL	227	42
>ERG-Q293K GQIQLWQFL	227	>ERG-Q293K GKIQLWQFL	803	576
>ERG-Q293K GQIQLWQFL	306	>ERG-Q293K GKIQLWQFL	8643	8337
>ERG-Q293K GQIQLWQFL	224	>ERG-Q293K GKIQLWQFL	3422	3198
>ERG-Q293K GQIQLWQFL	203	>ERG-Q293K GKIQLWQFL	1437	1234
>ERG-Q293K GQIQLWQF	478	>ERG-Q293K GKIQLWQF	2376	1898
>ERG-Q293K GQIQLWQFL	61	>ERG-Q293K GKIQLWQFL	161	100
>ERG-Q293K SSRLANPGSG	27499	>ERG-Q293K SSRLANPGSG	395	27104
>ERG-Q293K SSRLANPGSG	218	>ERG-Q293K SSRLANPGSG	5	213
>ERG-Q293K GSGQIQLW	52	>ERG-Q293K GSGQIQLW	112	60
>ERG-Q293K GSGQIQLWQ	54	>ERG-Q293K GSGQIQLWQ	121	67
>ERG-Q293K GSGQIQLW	94	>ERG-Q293K GSGQIQLW	100	6

>ERG-Q293K GSGQIQLW	30	>ERG-Q293K GSGKIQLW	49	19
>ERG-Q293K GSGQIQLWQ	124	>ERG-Q293K GSGKIQLWQ	221	97
>ERG-Q293K GSGQIQLWQ	465	>ERG-Q293K GSGKIQLWQ	454	11
>ERG-Q293K NPGSGQIQL	16	>ERG-Q293K NPGSGKIQL	40	24
>ERG-Q293K NPGSGQIQL	573	>ERG-Q293K NPGSGKIQL	180	393
>ERG-Q293K NPGSGQIQLV	43	>ERG-Q293K NPGSGKIQLV	59	16
>ERG-Q293K LANPGSGQ	27116	>ERG-Q293K LANPGSGK	421	26695
>ERG-Q293K LANPGSGQI	60	>ERG-Q293K LANPGSGKI	119	59
>ERG-Q293K LANPGSGQIC	28	>ERG-Q293K LANPGSGKIQ	44	16
>ERG-Q293K LANPGSGQI	214	>ERG-Q293K LANPGSGKI	928	714
>ERG-Q293K LANPGSGQIC	171	>ERG-Q293K LANPGSGKIQ	904	733
>ERG-Q293K LANPGSGQI	1760	>ERG-Q293K LANPGSGKI	491	1269
>ERG-Q293K LANPGSGQI	23	>ERG-Q293K LANPGSGKI	32	9
>ERG-Q293K LANPGSGQIC	484	>ERG-Q293K LANPGSGKIQ	730	246
>ERG-Q293K RLANPGSGQI	342	>ERG-Q293K RLANPGSGKI	298	44
>ERG-Q293K RLANPGSGQI	120	>ERG-Q293K RLANPGSGKI	101	19
>ERG-Q293K RLANPGSGQI	12	>ERG-Q293K RLANPGSGKI	20	8
>ERG-Q293K RLANPGSGQI	262	>ERG-Q293K RLANPGSGKI	274	12
>ERG-Q293K RLANPGSGQI	86	>ERG-Q293K RLANPGSGKI	114	28
>ERG-Q293K RLANPGSGQI	469	>ERG-Q293K RLANPGSGKI	1215	746
>ERG-Q293K RLANPGSGQI	33	>ERG-Q293K RLANPGSGKI	72	39
>ERG-Q293K RLANPGSGQ	9316	>ERG-Q293K RLANPGSGK	29	9287
>ERG-Q293K RLANPGSGQ	24019	>ERG-Q293K RLANPGSGK	97	23922
>ERG-Q293K SRLANPGSGC	1237	>ERG-Q293K SRLANPGSGK	180	1057
>ERG-Q293K SRLANPGSGC	252	>ERG-Q293K SRLANPGSGK	191	61
>ERG-R353L-RYYYDKNIMT	387	>ERG-R353L-LYYYDKNIMT	1738	1351
>ERG-R353L-RYYYDKNIMT	368	>ERG-R353L-LYYYDKNIMT	1514	1146
>ERG-R353L-RYYYDKNI	49	>ERG-R353L-LYYYDKNI	76	27
>ERG-R353L-RYYYDKNIMT	148	>ERG-R353L-LYYYDKNIMT	220	72
>ERG-R353L-RYYYDKNI	476	>ERG-R353L-LYYYDKNI	1015	539
>ERG-R353L-RYYYDKNI	14	>ERG-R353L-LYYYDKNI	39	25
>ERG-R353L-RYYYDKNIM	212	>ERG-R353L-LYYYDKNIM	793	581
>ERG-R353L-RYYYDKNIMT	233	>ERG-R353L-LYYYDKNIMT	650	417
>ERG-R353L-RYYYDKNIMT	13	>ERG-R353L-LYYYDKNIMT	219	206
>ERG-R353L-RYYYDKNIMT	62	>ERG-R353L-LYYYDKNIMT	956	894
>ERG-R353L-RYYYDKNI	291	>ERG-R353L-LYYYDKNI	7646	7355
>ERG-R353L-RYYYDKNIMT	1962	>ERG-R353L-LYYYDKNIMT	480	1482
>ERG-R353L-RYYYDKNIM	449	>ERG-R353L-LYYYDKNIM	1017	568
>ERG-R353L-RYYYDKNIMT	62	>ERG-R353L-LYYYDKNIMT	426	364
>ERG-R353L-LRYYYDKNI	119	>ERG-R353L-LLYYYDKNI	1176	1057
>ERG-R353L-LRYYYDKNI	23022	>ERG-R353L-LLYYYDKNI	255	22767
>ERG-R353L-LRYYYDKNIM	22864	>ERG-R353L-LLYYYDKNIM	467	22397
>ERG-R353L-LRYYYDKNI	19393	>ERG-R353L-LLYYYDKNI	123	19270

>ERG-R353L- LRYYYDKNIM	18198	>ERG-R353L- LLYYYDKNIM	222	17976
>ERG-R353L- LRYYYDKNI	17541	>ERG-R353L- LLYYYDKNI	47	17494
>ERG-R353L- LRYYYDKNIM	21278	>ERG-R353L- LLYYYDKNIM	450	20828
>ERG-R353L- LRYYYDKNI	23896	>ERG-R353L- LLYYYDKNI	58	23838
>ERG-R353L- LRYYYDKNIM	24434	>ERG-R353L- LLYYYDKNIM	161	24273
>ERG-R353L- LRYYYDKNI	22894	>ERG-R353L- LLYYYDKNI	179	22715
>ERG-R353L- LRYYYDKNI	26137	>ERG-R353L- LLYYYDKNI	477	25660
>ERG-R353L- LRYYYDKNI	35675	>ERG-R353L- LLYYYDKNI	110	35565
>ERG-R353L- LRYYYDKNIM	35071	>ERG-R353L- LLYYYDKNIM	205	34866
>ERG-R353L- LRYYYDKNIM	15108	>ERG-R353L- LLYYYDKNIM	337	14771
>ERG-R353L- LRYYYDKNI	102	>ERG-R353L- LLYYYDKNI	234	132
>ERG-R353L- LRYYYDKNIM	59	>ERG-R353L- LLYYYDKNIM	100	41
>ERG-R353L- LRYYYDKNI	188	>ERG-R353L- LLYYYDKNI	21627	21439
>ERG-R353L- LRYYYDKNIM	159	>ERG-R353L- LLYYYDKNIM	27794	27635
>ERG-R353L- LRYYYDKNIM	895	>ERG-R353L- LLYYYDKNIM	136	759
>ERG-R353L- MNYDKLSRAI	3935	>ERG-R353L- MNYDKLSRAI	24	3911
>ERG-R353L- MNYDKLSRAI	26	>ERG-R353L- MNYDKLSRAI	11489	11463
>ERG-R353L- MNYDKLSRAI	379	>ERG-R353L- MNYDKLSRAI	19122	18743
>ERG-R353L- MNYDKLSRAI	16	>ERG-R353L- MNYDKLSRAI	10163	10147
>ERG-R353L- MNYDKLSRAI	261	>ERG-R353L- MNYDKLSRAI	28467	28206
>ERG-R353L- ALRYYYDKNI	8134	>ERG-R353L- ALLYYDKNI	372	7762
>ERG-R353L- ALRYYYDKNI	642	>ERG-R353L- ALLYYDKNI	136	506
>ERG-R353L- ALRYYYDKNI	788	>ERG-R353L- ALLYYDKNI	216	572
>ERG-R353L- ALRYYYDKNI	2385	>ERG-R353L- ALLYYDKNI	61	2324
>ERG-R353L- ALRYYYDKNI	4738	>ERG-R353L- ALLYYDKNI	131	4607
>ERG-R353L- ALRYYYDKNI	9336	>ERG-R353L- ALLYYDKNI	211	9125
>ERG-R353L- ALRYYYDKNI	1211	>ERG-R353L- ALLYYDKNI	225	986
>ERG-R353L- ALRYYYDK	185	>ERG-R353L- ALLYYDK	257	72
>ERG-R353L- ALRYYYDK	994	>ERG-R353L- ALLYYDK	44	950
>ERG-R353L- ALRYYYDK	10	>ERG-R353L- ALLYYDK	763	753
>ERG-R353L- ALRYYYDKNI	181	>ERG-R353L- ALLYYDKNI	7013	6832
>ERG-R353L- ALRYYYDKNII	476	>ERG-R353L- ALLYYDKNII	9620	9144
>ERG-R353L- ALRYYYDK	405	>ERG-R353L- ALLYYDK	630	225
>ERG-R353L- ALRYYYDKNI	348	>ERG-R353L- ALLYYDKNI	507	159
>ERG-R353L- ALRYYYDKNII	165	>ERG-R353L- ALLYYDKNII	279	114
>ERG-R353L- ALRYYYDKNII	399	>ERG-R353L- ALLYYDKNII	1104	705
>ERG-R353L- ALRYYYDK	1190	>ERG-R353L- ALLYYDK	346	844
>ERG-R353L- RALRYYYDK	19	>ERG-R353L- RALLYYYDK	19	0
>ERG-R353L- RALRYYYDK	13	>ERG-R353L- RALLYYYDK	35	22
>ERG-R353L- RALRYYYDKN	255	>ERG-R353L- RALLYYYDKN	847	592
>ERG-R353L- RALRYYYDK	18	>ERG-R353L- RALLYYYDK	34	16
>ERG-R353L- RALRYYYDKN	332	>ERG-R353L- RALLYYYDKN	881	549
>ERG-R353L- RALRYYYDKN	184	>ERG-R353L- RALLYYYDKN	67	117

>ERG-R353L- RALRYYYDKN	471	>ERG-R353L- RALLYYYDKN	1984	1513
>ERG-R353L- RALRYYYDK	348	>ERG-R353L- RALLYYYDK	456	108
>ERG-R353L- RALRYYYDK	820	>ERG-R353L- RALLYYYDK	468	352
>ERG-R353L- RALRYYYDKN	79	>ERG-R353L- RALLYYYDKN	120	41
>ERG-R353L- SRALRYYYDK	416	>ERG-R353L- SRALLYYYDK	387	29
>ERG-R353L- SRALRYYY	150	>ERG-R353L- SRALLYYY	62	88
>ERG-R353L- SRALRYYY	184	>ERG-R353L- SRALLYYY	131	53
>ERG-R353L- SRALRYYY	1670	>ERG-R353L- SRALLYYY	479	1191
>ERG-R353L- SRALRYYY	246	>ERG-R353L- SRALLYYY	188	58
>ERG-R353L- SRALRYYYDK	164	>ERG-R353L- SRALLYYYDK	116	48
>ERG-R353L- LSRALRYYYDI	375	>ERG-R353L- LSRALLYYYDK	332	43
>ERG-R353L- LSRALRYYY	4291	>ERG-R353L- LSRALLYYY	135	4156
>ERG-R353L- LSRALRY	264	>ERG-R353L- LSRALLY	31	233
>ERG-R353L- LSRALRYYY	24	>ERG-R353L- LSRALLYYY	17	7
>ERG-R353L- LSRALRY	26	>ERG-R353L- LSRALLY	26	0
>ERG-R353L- LSRALRYYY	15	>ERG-R353L- LSRALLYYY	34	19
>ERG-R353L- LSRALRYYYD	340	>ERG-R353L- LSRALLYYYD	582	242
>ERG-R353L- LSRALRYYYDI	5	>ERG-R353L- LSRALLYYYDK	7	2
>ERG-R353L- LSRALRY	87	>ERG-R353L- LSRALLY	86	1
>ERG-R353L- LSRALRYYY	14	>ERG-R353L- LSRALLYYY	19	5
>ERG-R353L- LSRALRYYY	112	>ERG-R353L- LSRALLYYY	237	125
>ERG-R353L- LSRALRYYYDI	65	>ERG-R353L- LSRALLYYYDK	99	34
>ERG-R353L- LSRALRY	5116	>ERG-R353L- LSRALLY	179	4937
>ERG-R353L- LSRALRYYY	1649	>ERG-R353L- LSRALLYYY	220	1429
>ERG-R353L- LSRALRY	99	>ERG-R353L- LSRALLY	64	35
>ERG-R353L- LSRALRYYY	88	>ERG-R353L- LSRALLYYY	81	7
>ERG-R353L- LSRALRY	135	>ERG-R353L- LSRALLY	102	33
>ERG-R353L- LSRALRYYY	82	>ERG-R353L- LSRALLYYY	175	93
>ERG-R353L- LSRALRY	6	>ERG-R353L- LSRALLY	4	2
>ERG-R353L- LSRALRYYY	8	>ERG-R353L- LSRALLYYY	5	3
>ERG-R353L- LSRALRY	95	>ERG-R353L- LSRALLY	132	37
>ERG-R353L- LSRALRYYY	59	>ERG-R353L- LSRALLYYY	71	12
>ERG-R353L- LSRALRY	2641	>ERG-R353L- LSRALLY	159	2482
>ERG-R353L- LSRALRYYY	214	>ERG-R353L- LSRALLYYY	86	128
>ERG-R353L- LSRALRY	367	>ERG-R353L- LSRALLY	341	26
>ERG-R353L- LSRALRYYY	19	>ERG-R353L- LSRALLYYY	14	5
>ERG-R353L- LSRALRY	1280	>ERG-R353L- LSRALLY	428	852
>ERG-R353L- LSRALRYYY	153	>ERG-R353L- LSRALLYYY	151	2
>ERG-R353L- KLSRALRYYY	1968	>ERG-R353L- KLSRALRYYY	222	1746
>ERG-R353L- KLSRALRYYY	766	>ERG-R353L- KLSRALRYYY	161	605
>ERG-R353L- KLSRALRY	80	>ERG-R353L- KLSRALRY	44	36
>ERG-R353L- KLSRALRY	77	>ERG-R353L- KLSRALRY	34	43
>ERG-R353L- KLSRALRYYY	53	>ERG-R353L- KLSRALRYYY	38	15

>ERG-R353L- KLSRALRY	1977	>ERG-R353L- KLSRALLY	322	1655
>ERG-R353L- KLSRALRYY	1853	>ERG-R353L- KLSRALLYY	85	1768
>ERG-R353L- KLSRALRYYY	182	>ERG-R353L- KLSRALLYYY	98	84
>ERG-R353L- KLSRALRY	161	>ERG-R353L- KLSRALLY	28	133
>ERG-R353L- KLSRALRYY	494	>ERG-R353L- KLSRALLYY	23	471
>ERG-R353L- KLSRALRYYY	108	>ERG-R353L- KLSRALLYYY	118	10
>ERG-R353L- KLSRALRYY	384	>ERG-R353L- KLSRALLYY	132	252
>ERG-R353L- KLSRALRYYY	382	>ERG-R353L- KLSRALLYYY	476	94
>ERG-R353L- KLSRALRY	82	>ERG-R353L- KLSRALLY	70	12
>ERG-R353L- KLSRALRYY	39	>ERG-R353L- KLSRALLYY	30	9
>ERG-R353L- KLSRALRYYY	34	>ERG-R353L- KLSRALLYYY	26	8
>ERG-R353L- KLSRALRYYY	88	>ERG-R353L- KLSRALLYYY	293	205
>ERG-R353L- KLSRALRY	17	>ERG-R353L- KLSRALLY	5	12
>ERG-R353L- KLSRALRYY	110	>ERG-R353L- KLSRALLYY	5	105
>ERG-R353L- KLSRALRYYY	30	>ERG-R353L- KLSRALLYYY	7	23
>ERG-R353L- KLSRALRY	192	>ERG-R353L- KLSRALLY	200	8
>ERG-R353L- KLSRALRYY	198	>ERG-R353L- KLSRALLYY	90	108
>ERG-R353L- KLSRALRYYY	164	>ERG-R353L- KLSRALLYYY	120	44
>ERG-R353L- KLSRALRY	667	>ERG-R353L- KLSRALLY	398	269
>ERG-R353L- KLSRALRYY	434	>ERG-R353L- KLSRALLYY	174	260
>ERG-R353L- KLSRALRYYY	290	>ERG-R353L- KLSRALLYYY	277	13
>ERG-R353L- KLSRALRY	332	>ERG-R353L- KLSRALLY	853	521
>ERG-R353L- KLSRALRY	1203	>ERG-R353L- KLSRALLY	374	829
>ERG-R353L- KLSRALRYY	3763	>ERG-R353L- KLSRALLYY	84	3679
>ERG-R353L- KLSRALRYYY	472	>ERG-R353L- KLSRALLYYY	99	373
>ERG-R353L- KLSRALRYYY	281	>ERG-R353L- KLSRALLYYY	156	125
>ERG-R353L- KLSRALRYY	446	>ERG-R353L- KLSRALLYY	1372	926
>ERG-R353L- KLSRALRYYY	262	>ERG-R353L- KLSRALLYYY	432	170
>ERG-R353L- KLSRALRY	116	>ERG-R353L- KLSRALLY	87	29
>ERG-R353L- KLSRALRYY	368	>ERG-R353L- KLSRALLYY	73	295
>ERG-R353L- DKLSRALRY	1039	>ERG-R353L- DKLSRALLY	214	825
>ERG-R353L- DKLSRALRYY'	363	>ERG-R353L- DKLSRALLYYY	193	170
>ERG-R353L- DKLSRALR	188	>ERG-R353L- DKLSRALL	20330	20142
>ERG-R353L- DKLSRALRY	390	>ERG-R353L- DKLSRALLY	240	150
>ERG-R353L- DKLSRALRYY	236	>ERG-R353L- DKLSRALLYY	158	78
>ERG-R353L- DKLSRALRYY'	200	>ERG-R353L- DKLSRALLYYY	219	19
>ERG-R353L- YDKLSRALRY	855	>ERG-R353L- YDKLSRALLY	470	385
>ERG-R353L- YDKLSRALRY'	2259	>ERG-R353L- YDKLSRALLY	247	2012
>ERG-R353L- YDKLSRALR	16202	>ERG-R353L- YDKLSRALL	253	15949
>ERG-R353L- NYDKLSRALR	1079	>ERG-R353L- NYDKLSRALL'	470	609
>ERG-R353L- NYDKLSRALR	10537	>ERG-R353L- NYDKLSRALL	348	10189
>ERG-R353L- NYDKLSRALR	374	>ERG-R353L- NYDKLSRALL'	118	256
>ERG-R353L- NYDKLSRALR	88	>ERG-R353L- NYDKLSRALL	15580	15492

>ERG-R353L- NYDKLSRALR	121	>ERG-R353L- NYDKLSRALL	17516	17395
>ERG-R353L- NYDKLSRALR	41	>ERG-R353L- NYDKLSRALL'	20	21
>ERG-R353L- NYDKLSRALR	85	>ERG-R353L- NYDKLSRALL'	91	6
>ERG-R353L- NYDKLSRALR	81	>ERG-R353L- NYDKLSRALL	29265	29184
>ERG-R353L- NYDKLSRALR	10846	>ERG-R353L- NYDKLSRALL	325	10521
>ERG-S305L- SDSSNSSCITV	2192	>ERG-S305L- LDSSNSSCITV	330	1862
>ERG-S305L- SDSSNSSCI	142	>ERG-S305L- LDSSNSSCI	203	61
>ERG-S305L- LSDSSNSSCI	6375	>ERG-S305L- LLDSSNSSCI	79	6296
>ERG-S305L- LSDSSNSSCI	10573	>ERG-S305L- LLDSSNSSCI	202	10371
>ERG-S305L- LSDSSNSSC	20158	>ERG-S305L- LLDSSNSSC	182	19976
>ERG-S305L- LSDSSNSSCI	14073	>ERG-S305L- LLDSSNSSCI	35	14038
>ERG-S305L- LSDSSNSSCI	18000	>ERG-S305L- LLDSSNSSCI	17	17983
>ERG-S305L- LSDSSNSSCI	19690	>ERG-S305L- LLDSSNSSCI	49	19641
>ERG-S305L- LSDSSNSSCI	19778	>ERG-S305L- LLDSSNSSCI	32	19746
>ERG-S305L- LSDSSNSSC	32406	>ERG-S305L- LLDSSNSSC	36	32370
>ERG-S305L- LSDSSNSSCI	29239	>ERG-S305L- LLDSSNSSCI	25	29214
>ERG-S305L- LSDSSNSSCIT	32944	>ERG-S305L- LLDSSNSSCIT	93	32851
>ERG-S305L- LSDSSNSSCI	468	>ERG-S305L- LLDSSNSSCI	15554	15086
>ERG-S305L- LSDSSNSSCI	30	>ERG-S305L- LLDSSNSSCI	1364	1334
>ERG-S305L- QLWQFLELL	1891	>ERG-S305L- QLWQFLELL	32	1859
>ERG-S305L- QLWQFLELL	2771	>ERG-S305L- QLWQFLELL	135	2636
>ERG-S305L- QLWQFLELL	5495	>ERG-S305L- QLWQFLELL	402	5093
>ERG-S305L- QLWQFLELL	1344	>ERG-S305L- QLWQFLELL	19	1325
>ERG-S305L- QLWQFLELL	15616	>ERG-S305L- QLWQFLELL	359	15257
>ERG-S305L- QLWQFLELL	4733	>ERG-S305L- QLWQFLELL	43	4690
>ERG-S305L- QLWQFLELL	16801	>ERG-S305L- QLWQFLELL	221	16580
>ERG-S305L- QLWQFLELL	2646	>ERG-S305L- QLWQFLELL	10	2636
>ERG-S305L- QLWQFLELL	11637	>ERG-S305L- QLWQFLELL	290	11347
>ERG-S305L- QLWQFLELL	14883	>ERG-S305L- QLWQFLELL	359	14524
>ERG-S305L- LLDSSNSSCI	151	>ERG-S305L- LLDSSNSSCI	40	111
>ERG-S305L- LLDSSNS	141	>ERG-S305L- LLDSSNS	941	800
>ERG-S305L- LLDSSNSS	48	>ERG-S305L- LLDSSNSS	328	280
>ERG-S305L- LLDSSNSSC	303	>ERG-S305L- LLDSSNSSC	351	48
>ERG-S305L- LLDSSNSSCI	9	>ERG-S305L- LLDSSNSSCI	55	46
>ERG-S305L- LLDSSNS	281	>ERG-S305L- LLDSSNS	1598	1317
>ERG-S305L- LLDSSNSS	166	>ERG-S305L- LLDSSNSS	1068	902
>ERG-S305L- LLDSSNSSCI	12	>ERG-S305L- LLDSSNSSCI	49	37
>ERG-S305L- LLDSSNSS	2179	>ERG-S305L- LLDSSNSS	286	1893
>ERG-S305L- LLDSSNSSCI	466	>ERG-S305L- LLDSSNSSCI	82	384
>ERG-S305L- LLDSSNS	3638	>ERG-S305L- LLDSSNS	427	3211
>ERG-S305L- LLDSSNSS	3055	>ERG-S305L- LLDSSNSS	369	2686
>ERG-S305L- LLDSSNSSC	252	>ERG-S305L- LLDSSNSSC	24	228
>ERG-S305L- LLDSSNSSCI	46	>ERG-S305L- LLDSSNSSCI	7	39

>ERG-S305L- LLDSSNSSC	269	>ERG-S305L- LLLDSSNSSC	50	219
>ERG-S305L- LLDSSNSSCI	8	>ERG-S305L- LLLDSSNSSCI	4	4
>ERG-S305L- LLDSSNSSCI	47	>ERG-S305L- LLLDSSNSSCI	11	36
>ERG-S305L- LLDSSNSSC	264	>ERG-S305L- LLLDSSNSSC	57	207
>ERG-S305L- LLDSSNSSCI	11	>ERG-S305L- LLLDSSNSSCI	4	7
>ERG-S305L- LLDSSNS	116	>ERG-S305L- LLLDSSNS	86	30
>ERG-S305L- LLDSSNSS	83	>ERG-S305L- LLLDSSNSS	56	27
>ERG-S305L- LLDSSNSSC	7	>ERG-S305L- LLLDSSNSSC	6	1
>ERG-S305L- LLDSSNSSCI	5	>ERG-S305L- LLLDSSNSSCI	5	0
>ERG-S305L- LLDSSNSSCI	498	>ERG-S305L- LLLDSSNSSCI	1535	1037
>ERG-S305L- LLDSSNSSCI	453	>ERG-S305L- LLLDSSNSSCI	260	193
>ERG-S305L- ELLDSSNSSC	451	>ERG-S305L- ELLDSSNSSC	1216	765
>ERG-S305L- LELLSDSS	839	>ERG-S305L- LELLSDSS	389	450
>ERG-S305L- LELLSDSSNS	833	>ERG-S305L- LELLSDSSNS	444	389
>ERG-S305L- FLLELLSDS	192	>ERG-S305L- FLLELLSDS	75	117
>ERG-S305L- FLLELLSDSS	200	>ERG-S305L- FLLELLSDSS	72	128
>ERG-S305L- FLLELLSD	444	>ERG-S305L- FLLELLSD	395	49
>ERG-S305L- FLLELLSDS	158	>ERG-S305L- FLLELLSDS	401	243
>ERG-S305L- FLLELLSDSS	180	>ERG-S305L- FLLELLSDSS	97	83
>ERG-S305L- FLLELLSDS	67	>ERG-S305L- FLLELLSDS	404	337
>ERG-S305L- FLLELLSDSS	409	>ERG-S305L- FLLELLSDSS	238	171
>ERG-S305L- FLLELLSDS	53	>ERG-S305L- FLLELLSDS	51	2
>ERG-S305L- FLLELLSDSS	164	>ERG-S305L- FLLELLSDSS	87	77
>ERG-S305L- FLLELLSD	112	>ERG-S305L- FLLELLSD	191	79
>ERG-S305L- FLLELLSDS	38	>ERG-S305L- FLLELLSDS	42	4
>ERG-S305L- FLLELLSDSS	22	>ERG-S305L- FLLELLSDSS	17	5
>ERG-S305L- FLLELLSDSSN	136	>ERG-S305L- FLLELLSDSSN	131	5
>ERG-S305L- FLLELLSDS	148	>ERG-S305L- FLLELLSDS	301	153
>ERG-S305L- FLLELLSDSS	98	>ERG-S305L- FLLELLSDSS	112	14
>ERG-S305L- FLLELLSDS	96	>ERG-S305L- FLLELLSDS	83	13
>ERG-S305L- FLLELLSDSS	95	>ERG-S305L- FLLELLSDSS	90	5
>ERG-S305L- FLLELLSD	424	>ERG-S305L- FLLELLSD	772	348
>ERG-S305L- FLLELLSDS	40	>ERG-S305L- FLLELLSDS	64	24
>ERG-S305L- FLLELLSDSS	95	>ERG-S305L- FLLELLSDSS	75	20
>ERG-S305L- FLLELLSDSSN	360	>ERG-S305L- FLLELLSDSSN	493	133
>ERG-S305L- QFLELLS	13507	>ERG-S305L- QFLELLS	162	13345
>ERG-S305L- QFLELLS	8979	>ERG-S305L- QFLELLS	204	8775
>ERG-S305L- WQFLELLS	7758	>ERG-S305L- WQFLELLS	449	7309
>ERG-S305L- WQFLELLS	2536	>ERG-S305L- WQFLELLS	62	2474
>ERG-S305L- WQFLELLS	5307	>ERG-S305L- WQFLELLS	100	5207
>ERG-S305L- WQFLELLS	1589	>ERG-S305L- WQFLELLS	282	1307
>ERG-S305L- WQFLELLS	15554	>ERG-S305L- WQFLELLS	41	15513
>ERG-S305L- WQFLELLS	17100	>ERG-S305L- WQFLELLS	371	16729

>ERG-S305L- WQFLELLS	3875	>ERG-S305L- WQFLELLL	151	3724
>ERG-S305L- WQFLELLS	6296	>ERG-S305L- WQFLELLL	53	6243
>ERG-S305L- WQFLELLS	10672	>ERG-S305L- WQFLELLL	485	10187
>ERG-S305L- WQFLELLS	6165	>ERG-S305L- WQFLELLL	67	6098
>ERG-S305L- LWQFLELLS	10432	>ERG-S305L- LWQFLELLL	143	10289
>ERG-S305L- LWQFLELLS	6585	>ERG-S305L- LWQFLELLL	182	6403
>ERG-S305L- LWQFLELLSI	369	>ERG-S305L- LWQFLELLLI	479	110
>ETV1-F222L FPPQGFKQEY	342	>ETV1-F222L LPPQGFKQEY	2291	1949
>ETV1-F222L FPPQGFKQEY	82	>ETV1-F222L LPPQGFKQEY	707	625
>ETV1-F222L FPPQGFKQEY	158	>ETV1-F222L LPPQGFKQEY	752	594
>ETV1-F222L FPPQGFKQE	118	>ETV1-F222L LPPQGFKQE	768	650
>ETV1-F222L FPPQGFKQEY	278	>ETV1-F222L LPPQGFKQEY	963	685
>ETV1-F222L PFPPQGFKQE	184	>ETV1-F222L PLPPQGFKQE	555	371
>ETV1-F222L QRQMSEPNII	17	>ETV1-F222L QRQMSEPNII	254	237
>ETV1-F222L QRQMSEPNII	6039	>ETV1-F222L QRQMSEPNII	358	5681
>ETV1-F222L QRQMSEPNII	480	>ETV1-F222L QRQMSEPNII	138	342
>ETV1-F222L QRQMSEPNII	604	>ETV1-F222L QRQMSEPNII	201	403
>ETV1-F222L IPFPPQGF	48	>ETV1-F222L IPLPPQGF	306	258
>ETV1-F222L IPFPPQGF	42	>ETV1-F222L IPLPPQGF	185	143
>ETV1-F222L IPFPPQGF	57	>ETV1-F222L IPLPPQGF	122	65
>ETV1-F222L NIPFPPQGFK	89	>ETV1-F222L NIPLPPQGFK	310	221
>ETV1-F222L NIPFPPQGFK	155	>ETV1-F222L NIPLPPQGFK	314	159
>ETV1-F222L NIPFPPQGFK	21	>ETV1-F222L NIPLPPQGFK	115	94
>ETV1-F222L EPNIPFPPQG	77	>ETV1-F222L EPNIPLPPQG	96	19
>ETV1-F222L EPNIPFPP	249	>ETV1-F222L EPNIPLPP	1635	1386
>ETV1-F222L EPNIPFPPQ	70	>ETV1-F222L EPNIPLPPQ	317	247
>ETV1-F222L MSEPNIPIF	120	>ETV1-F222L MSEPNIPL	2554	2434
>ETV1-F222L MSEPNIPIF	4	>ETV1-F222L MSEPNIPL	19	15
>ETV1-F222L MSEPNIPIF	43	>ETV1-F222L MSEPNIPL	633	590
>ETV1-F222L MSEPNIPIF	5731	>ETV1-F222L MSEPNIPL	427	5304
>ETV1-F222L QMSEPNIPIF	8620	>ETV1-F222L QMSEPNIPL	57	8563
>ETV1-F222L QMSEPNIPIF	3428	>ETV1-F222L QMSEPNIPL	29	3399
>ETV1-F222L QMSEPNIPIF	9453	>ETV1-F222L QMSEPNIPL	192	9261
>ETV1-F222L QMSEPNIPIF	571	>ETV1-F222L QMSEPNIPL	79	492
>ETV1-F222L QMSEPNIPIF	1164	>ETV1-F222L QMSEPNIPL	11	1153
>ETV1-F222L QMSEPNIPIF	5788	>ETV1-F222L QMSEPNIPL	32	5756
>ETV1-F222L QMSEPNIPIF	16100	>ETV1-F222L QMSEPNIPL	176	15924
>ETV1-F222L QMSEPNIPIF	13620	>ETV1-F222L QMSEPNIPL	121	13499
>ETV1-F222L QMSEPNIPIF	10497	>ETV1-F222L QMSEPNIPL	25	10472
>ETV1-F222L QMSEPNIPIF	66	>ETV1-F222L QMSEPNIPL	274	208
>ETV1-F222L QMSEPNIPIF	15197	>ETV1-F222L QMSEPNIPL	293	14904
>ETV1-F222L QMSEPNIPIF	5728	>ETV1-F222L QMSEPNIPL	43	5685
>ETV1-F222L QMSEPNIPIF	51	>ETV1-F222L QMSEPNIPL	613	562



>ETV1-F222L QMSEPNIFF	28	>ETV1-F222L QMSEPNIPL	355	327
>ETV1-F222L QMSEPNIFF	7	>ETV1-F222L QMSEPNIPL	108	101
>ETV1-F222L QMSEPNIFF	477	>ETV1-F222L QMSEPNIPL	4343	3866
>ETV1-F222L QMSEPNIFF	70	>ETV1-F222L QMSEPNIPL	1071	1001
>ETV1-F222L QMSEPNIFF	3278	>ETV1-F222L QMSEPNIPL	93	3185
>ETV1-F222L RQMSEPNIFF	3820	>ETV1-F222L RQMSEPNIPL	54	3766
>ETV1-F222L RQMSEPNIFF	2026	>ETV1-F222L RQMSEPNIPL	17	2009
>ETV1-F222L RQMSEPNIFF	11778	>ETV1-F222L RQMSEPNIPL	178	11600
>ETV1-F222L RQMSEPNIFF	5941	>ETV1-F222L RQMSEPNIPL	105	5836
>ETV1-F222L RQMSEPNIFF	9379	>ETV1-F222L RQMSEPNIPL	402	8977
>ETV1-F222L RQMSEPNIFF	16	>ETV1-F222L RQMSEPNIPL	52	36
>ETV1-F222L RQMSEPNIFF	33	>ETV1-F222L RQMSEPNIPL	114	81
>ETV1-F222L RQMSEPNIFF	452	>ETV1-F222L RQMSEPNIPL	3692	3240
>ETV1-F222L RQMSEPNIFF	2	>ETV1-F222L RQMSEPNIPL	4	2
>ETV1-F222L RQMSEPNIFF	238	>ETV1-F222L RQMSEPNIPL	394	156
>ETV1-F222L RQMSEPNIFF	662	>ETV1-F222L RQMSEPNIPL	377	285
>ETV1-F222L RQMSEPNIFF	182	>ETV1-F222L RQMSEPNIPL	14	168
>ETV1-F222L RQMSEPNIFF	228	>ETV1-F222L RQMSEPNIPL	42	186
>ETV1-L79M·LAFHGLPL	1001	>ETV1-L79M·MAFHGLPL	191	810
>ETV1-L79M·LAFHGLPL	488	>ETV1-L79M·MAFHGLPL	138	350
>ETV1-L79M·LAFHGLPLKI	665	>ETV1-L79M·MAFHGLPLKI	463	202
>ETV1-L79M·LAFHGLPL	718	>ETV1-L79M·MAFHGLPL	232	486
>ETV1-L79M·LAFHGLPLKI	365	>ETV1-L79M·MAFHGLPLKI	224	141
>ETV1-L79M·LAFHGLPL	90	>ETV1-L79M·MAFHGLPL	30	60
>ETV1-L79M·LAFHGLPLKI	780	>ETV1-L79M·MAFHGLPLKI	490	290
>ETV1-L79M·LAFHGLPL	981	>ETV1-L79M·MAFHGLPL	408	573
>ETV1-L79M·LAFHGLPLKI	916	>ETV1-L79M·MAFHGLPLKI	382	534
>ETV1-L79M·LAFHGLPLK	87	>ETV1-L79M·MAFHGLPLK	44	43
>ETV1-L79M·LAFHGLPLKIK	763	>ETV1-L79M·MAFHGLPLKI	201	562
>ETV1-L79M·LAFHGLPLK	38	>ETV1-L79M·MAFHGLPLK	15	23
>ETV1-L79M·LAFHGLPLKIK	414	>ETV1-L79M·MAFHGLPLKI	77	337
>ETV1-L79M·LAFHGLPL	2372	>ETV1-L79M·MAFHGLPL	360	2012
>ETV1-L79M·LAFHGLPLK	27	>ETV1-L79M·MAFHGLPLK	8	19
>ETV1-L79M·LAFHGLPLKI	2437	>ETV1-L79M·MAFHGLPLKI	397	2040
>ETV1-L79M·LAFHGLPLKIK	222	>ETV1-L79M·MAFHGLPLKI	37	185
>ETV1-L79M·LAFHGLPLK	1055	>ETV1-L79M·MAFHGLPLK	167	888
>ETV1-L79M·LAFHGLPLK	79	>ETV1-L79M·MAFHGLPLK	8	71
>ETV1-L79M·LAFHGLPLKIK	565	>ETV1-L79M·MAFHGLPLKI	38	527
>ETV1-L79M·LAFHGLPL	1477	>ETV1-L79M·MAFHGLPL	44	1433
>ETV1-L79M·LAFHGLPL	1056	>ETV1-L79M·MAFHGLPL	165	891
>ETV1-L79M·LAFHGLPLKI	1995	>ETV1-L79M·MAFHGLPLKI	317	1678
>ETV1-L79M·LAFHGLPL	1155	>ETV1-L79M·MAFHGLPL	458	697
>ETV1-L79M·LAFHGLPL	202	>ETV1-L79M·MAFHGLPL	258	56

>ETV1-L79M·LAFHGLPL	54	>ETV1-L79M·MAFHGLPL	31	23
>ETV1-L79M·LAFHGLPLKI	716	>ETV1-L79M·MAFHGLPLKI	410	306
>ETV1-L79M·LAFHGLPL	10	>ETV1-L79M·MAFHGLPL	7	3
>ETV1-L79M·LAFHGLPLKI	49	>ETV1-L79M·MAFHGLPLKI	22	27
>ETV1-L79M·LAFHGLPL	186	>ETV1-L79M·MAFHGLPL	46	140
>ETV1-L79M·LAFHGLPL	2680	>ETV1-L79M·MAFHGLPL	295	2385
>ETV1-L79M·LAFHGLPLKI	139	>ETV1-L79M·MAFHGLPLKI	61	78
>ETV1-L79M·LAFHGLPL	1531	>ETV1-L79M·MAFHGLPL	217	1314
>ETV1-L79M·LAFHGLPLK	472	>ETV1-L79M·MAFHGLPLK	510	38
>ETV1-L79M·LAFHGLPL	273	>ETV1-L79M·MAFHGLPL	343	70
>ETV1-L79M·LAFHGLPLKI	223	>ETV1-L79M·MAFHGLPLKI	514	291
>ETV1-L79M·SLAFHGLPL	2628	>ETV1-L79M·SMAFHGLPL	252	2376
>ETV1-L79M·SLAFHGLPL	46	>ETV1-L79M·SMAFHGLPL	35	11
>ETV1-L79M·SLAFHGLPLKI	131	>ETV1-L79M·SMAFHGLPLKI	97	34
>ETV1-L79M·SLAFHGLPL	8	>ETV1-L79M·SMAFHGLPL	8	0
>ETV1-L79M·SLAFHGLPLKI	37	>ETV1-L79M·SMAFHGLPLKI	42	5
>ETV1-L79M·SLAFHGLPL	8	>ETV1-L79M·SMAFHGLPL	7	1
>ETV1-L79M·SLAFHGLPLKI	15	>ETV1-L79M·SMAFHGLPLKI	14	1
>ETV1-L79M·SLAFHGLPL	223	>ETV1-L79M·SMAFHGLPL	123	100
>ETV1-L79M·SLAFHGLPL	28	>ETV1-L79M·SMAFHGLPL	17	11
>ETV1-L79M·SLAFHGLPLKI	27	>ETV1-L79M·SMAFHGLPLKI	17	10
>ETV1-L79M·SLAFHGLPL	153	>ETV1-L79M·SMAFHGLPL	72	81
>ETV1-L79M·SLAFHGLPLKI	469	>ETV1-L79M·SMAFHGLPLKI	248	221
>ETV1-L79M·SLAFHGLPL	32	>ETV1-L79M·SMAFHGLPL	30	2
>ETV1-L79M·SLAFHGLPLKI	37	>ETV1-L79M·SMAFHGLPLKI	35	2
>ETV1-L79M·SLAFHGLPL	16	>ETV1-L79M·SMAFHGLPL	30	14
>ETV1-L79M·SLAFHGLPLKI	52	>ETV1-L79M·SMAFHGLPLKI	106	54
>ETV1-L79M·SLAFHGLPLK	15	>ETV1-L79M·SMAFHGLPLK	13	2
>ETV1-L79M·SLAFHGLPLK	17	>ETV1-L79M·SMAFHGLPLK	12	5
>ETV1-L79M·SLAFHGLPLKI	2096	>ETV1-L79M·SMAFHGLPLKI	382	1714
>ETV1-L79M·SLAFHGLPLK	351	>ETV1-L79M·SMAFHGLPLK	166	185
>ETV1-L79M·SLAFHGLPL	1046	>ETV1-L79M·SMAFHGLPL	426	620
>ETV1-L79M·SLAFHGLPLKI	286	>ETV1-L79M·SMAFHGLPLKI	145	141
>ETV1-L79M·SLAFHGLPLK	52	>ETV1-L79M·SMAFHGLPLK	24	28
>ETV1-L79M·SLAFHGLPL	346	>ETV1-L79M·SMAFHGLPL	312	34
>ETV1-L79M·SLAFHGLPL	181	>ETV1-L79M·SMAFHGLPL	160	21
>ETV1-L79M·SLAFHGLPL	100	>ETV1-L79M·SMAFHGLPL	45	55
>ETV1-L79M·SLAFHGLPL	582	>ETV1-L79M·SMAFHGLPL	346	236
>ETV1-L79M·SLAFHGLPL	1207	>ETV1-L79M·SMAFHGLPL	73	1134
>ETV1-L79M·SLAFHGLPL	2728	>ETV1-L79M·SMAFHGLPL	344	2384
>ETV1-L79M·SLAFHGLPLK	136	>ETV1-L79M·SMAFHGLPLK	102	34
>ETV1-L79M·SLAFHGLPLK	651	>ETV1-L79M·SMAFHGLPLK	309	342
>ETV1-L79M·QFVPDYQAE!	116	>ETV1-L79M·QFVPDYQAE!	1616	1500

>ETV1-L79M·QFVPDYQAE!	200	>ETV1-L79M·QFVPDYQAE!	291	91
>ETV1-L79M·ESLAFHGL	355	>ETV1-L79M·ESMAFHGL	437	82
>ETV1-L79M·ESLAFHGLPLI	1348	>ETV1-L79M·ESMAFHGLPI	352	996
>ETV1-L79M·ESLAFHGLPLI	86	>ETV1-L79M·ESMAFHGLPI	26	60
>ETV1-L79M·ESLAFHGL	359	>ETV1-L79M·ESMAFHGL	95	264
>ETV1-L79M·ESLAFHGLPL	1042	>ETV1-L79M·ESMAFHGLPI	326	716
>ETV1-L79M·ESLAFHGL	185	>ETV1-L79M·ESMAFHGL	189	4
>ETV1-L79M·ESLAFHGLPLI	22	>ETV1-L79M·ESMAFHGLPI	6	16
>ETV1-L79M·ESLAFHGL	74	>ETV1-L79M·ESMAFHGL	9	65
>ETV1-L79M·ESLAFHGLPL	172	>ETV1-L79M·ESMAFHGLPI	35	137
>ETV1-L79M·ESLAFHGL	14	>ETV1-L79M·ESMAFHGL	14	0
>ETV1-L79M·ESLAFHGLPL	30	>ETV1-L79M·ESMAFHGLPI	30	0
>ETV1-L79M·ESLAFHGL	161	>ETV1-L79M·ESMAFHGL	123	38
>ETV1-L79M·ESLAFHGLPL	55	>ETV1-L79M·ESMAFHGLPI	43	12
>ETV1-L79M·ESLAFHGLPL	1270	>ETV1-L79M·ESMAFHGLPI	302	968
>ETV1-L79M·ESLAFHGLPLI	469	>ETV1-L79M·ESMAFHGLPI	356	113
>ETV1-L79M·ESLAFHGLPL	145	>ETV1-L79M·ESMAFHGLPI	98	47
>ETV1-L79M·AESLAFHGL	195	>ETV1-L79M·AESMAFHGL	161	34
>ETV1-L79M·AESLAFHGL	497	>ETV1-L79M·AESMAFHGL	685	188
>ETV1-L79M·AESLAFHGLP	443	>ETV1-L79M·AESMAFHGLI	571	128
>ETV1-L79M·AESLAFHGL	6	>ETV1-L79M·AESMAFHGL	5	1
>ETV1-L79M·AESLAFHGLP	7	>ETV1-L79M·AESMAFHGLI	5	2
>ETV1-L79M·AESLAFHGL	40	>ETV1-L79M·AESMAFHGL	37	3
>ETV1-L79M·AESLAFHGLP	17	>ETV1-L79M·AESMAFHGLI	15	2
>ETV1-L79M·AESLAFHGL	446	>ETV1-L79M·AESMAFHGL	766	320
>ETV1-L79M·AESLAFHGL	200	>ETV1-L79M·AESMAFHGL	170	30
>ETV1-L79M·AESLAFHGLP	274	>ETV1-L79M·AESMAFHGLI	234	40
>ETV1-L79M·AESLAFHG	137	>ETV1-L79M·AESMAFHG	108	29
>ETV1-L79M·AESLAFHGL	35	>ETV1-L79M·AESMAFHGL	30	5
>ETV1-L79M·AESLAFHGLP	144	>ETV1-L79M·AESMAFHGLI	160	16
>ETV1-L79M·AESLAFHGLP	65	>ETV1-L79M·AESMAFHGLI	58	7
>ETV1-L79M·AESLAFHGL	17	>ETV1-L79M·AESMAFHGL	23	6
>ETV1-L79M·AESLAFHGLP	17	>ETV1-L79M·AESMAFHGLI	22	5
>ETV1-L79M·YQAESLAFHC	15	>ETV1-L79M·YQAESMAFH	15	0
>ETV1-L79M·YQAESLAFHC	4	>ETV1-L79M·YQAESMAFH	4	0
>ETV1-L79M·YQAESLAFHC	8	>ETV1-L79M·YQAESMAFH	8	0
>ETV1-L79M·YQAESLAF	7	>ETV1-L79M·YQAESMAF	8	1
>ETV1-L79M·YQAESLAFH	52	>ETV1-L79M·YQAESMAFH	102	50
>ETV1-L79M·YQAESLAFHC	3	>ETV1-L79M·YQAESMAFH	3	0
>ETV1-L79M·YQAESLAFHC	26	>ETV1-L79M·YQAESMAFH	29	3
>ETV1-L79M·YQAESLAFHC	12	>ETV1-L79M·YQAESMAFH	15	3
>ETV1-L79M·YQAESLAFHC	42	>ETV1-L79M·YQAESMAFH	48	6
>ETV1-L79M·YQAESLAFHC	38	>ETV1-L79M·YQAESMAFH	74	36

>ETV1-L79M·YQAESLAFHC	34	>ETV1-L79M·YQAESMAFH	44	10
>ETV1-L79M·YQAESLAFH	1203	>ETV1-L79M·YQAESMAFH	419	784
>ETV1-L79M·YQAESLAFHC	291	>ETV1-L79M·YQAESMAFH	218	73
>ETV1-L79M·YQAESLAF	23	>ETV1-L79M·YQAESMAF	25	2
>ETV1-L79M·YQAESLAFH	256	>ETV1-L79M·YQAESMAFH	234	22
>ETV1-L79M·YQAESLAFHC	285	>ETV1-L79M·YQAESMAFH	283	2
>ETV1-L79M·YQAESLAFHC	106	>ETV1-L79M·YQAESMAFH	91	15
>ETV1-L79M·YQAESLAF	31	>ETV1-L79M·YQAESMAF	27	4
>ETV1-L79M·YQAESLAFHC	549	>ETV1-L79M·YQAESMAFH	418	131
>ETV1-L79M·YQAESLAF	2	>ETV1-L79M·YQAESMAF	2	0
>ETV1-L79M·YQAESLAFH	235	>ETV1-L79M·YQAESMAFH	238	3
>ETV1-L79M·YQAESLAFHC	38	>ETV1-L79M·YQAESMAFH	29	9
>ETV1-L79M·YQAESLAF	203	>ETV1-L79M·YQAESMAF	219	16
>ETV1-L79M·YQAESLAF	57	>ETV1-L79M·YQAESMAF	69	12
>ETV1-L79M·YQAESLAF	46	>ETV1-L79M·YQAESMAF	29	17
>ETV1-L79M·YQAESLAFHC	15	>ETV1-L79M·YQAESMAFH	12	3
>ETV1-L79M·YQAESLAFHC	292	>ETV1-L79M·YQAESMAFH	294	2
>ETV1-L79M·YQAESLAF	339	>ETV1-L79M·YQAESMAF	271	68
>ETV1-L79M·DYQAESLAF	219	>ETV1-L79M·DYQAESMAF	116	103
>ETV1-L79M·DYQAESLAF	492	>ETV1-L79M·DYQAESMAF	490	2
>ETV1-L79M·DYQAESLAF	20	>ETV1-L79M·DYQAESMAF	10	10
>ETV1-L79M·VPDYQAESL	534	>ETV1-L79M·VPDYQAESM	411	123
>ETV1-L79M·VPDYQAESLA	223	>ETV1-L79M·VPDYQAESM	316	93
>ETV1-L79M·VPDYQAESL	1463	>ETV1-L79M·VPDYQAESM	82	1381
>ETV1-L79M·VPDYQAESLA	17	>ETV1-L79M·VPDYQAESM	19	2
>ETV1-L79M·VPDYQAESL	397	>ETV1-L79M·VPDYQAESM	243	154
>ETV1-L79M·VPDYQAESLA	80	>ETV1-L79M·VPDYQAESM	113	33
>ETV1-L79M·VPDYQAESLA	127	>ETV1-L79M·VPDYQAESM	146	19
>ETV1-L79M·VPDYQAESLA	307	>ETV1-L79M·VPDYQAESM	236	71
>ETV1-L79M·VPDYQAESLA	96	>ETV1-L79M·VPDYQAESM	82	14
>ETV1-L79M·FVPDYQAESL	233	>ETV1-L79M·FVPDYQAESM	358	125
>ETV1-L79M·FVPDYQAESL	75	>ETV1-L79M·FVPDYQAESM	416	341
>ETV1-L79M·FVPDYQAESL	63	>ETV1-L79M·FVPDYQAESM	142	79
>ETV1-L79M·FVPDYQAESL	48	>ETV1-L79M·FVPDYQAESM	66	18
>ETV1-L79M·FVPDYQAESL	315	>ETV1-L79M·FVPDYQAESM	993	678
>ETV1-L79M·FVPDYQAESL	28	>ETV1-L79M·FVPDYQAESM	45	17
>ETV1-L79M·FVPDYQAESL	67	>ETV1-L79M·FVPDYQAESM	433	366
>ETV1-L79M·FVPDYQAESL	431	>ETV1-L79M·FVPDYQAESM	222	209
>ETV1-L79M·FVPDYQAESL	11	>ETV1-L79M·FVPDYQAESM	167	156
>ETV1-L79M·FVPDYQAESL	28	>ETV1-L79M·FVPDYQAESM	33	5
>ETV1-L79M·FVPDYQAESL	2742	>ETV1-L79M·FVPDYQAESM	301	2441
>ETV1-L79M·FVPDYQAESL	198	>ETV1-L79M·FVPDYQAESM	1701	1503
>ETV1-L79M·FVPDYQAESL	50	>ETV1-L79M·FVPDYQAESM	84	34

>ETV1-L79M·FVPDYQAESL	111	>ETV1-L79M·FVPDYQAESM	189	78
>ETV1-P234S·PVYEHNTM	7391	>ETV1-P234S·SVYEHNTM	124	7267
>ETV1-P234S·PVYEHNTMV	2341	>ETV1-P234S·SVYEHNTMV	205	2136
>ETV1-P234S·PVYEHNTMV	2573	>ETV1-P234S·SVYEHNTMV	22	2551
>ETV1-P234S·PVYEHNTMV	1017	>ETV1-P234S·SVYEHNTMV	32	985
>ETV1-P234S·PVYEHNTM	8738	>ETV1-P234S·SVYEHNTM	417	8321
>ETV1-P234S·PVYEHNTMV	140	>ETV1-P234S·SVYEHNTMV	7	133
>ETV1-P234S·PVYEHNTM	9710	>ETV1-P234S·SVYEHNTM	303	9407
>ETV1-P234S·PVYEHNTMV	684	>ETV1-P234S·SVYEHNTMV	12	672
>ETV1-P234S·PVYEHNTM	4743	>ETV1-P234S·SVYEHNTM	237	4506
>ETV1-P234S·PVYEHNTMV	58	>ETV1-P234S·SVYEHNTMV	4	54
>ETV1-P234S·PVYEHNTMV	6144	>ETV1-P234S·SVYEHNTMV	211	5933
>ETV1-P234S·PVYEHNTMV	420	>ETV1-P234S·SVYEHNTMV	14	406
>ETV1-P234S·PVYEHNTMV	77	>ETV1-P234S·SVYEHNTMV	6	71
>ETV1-P234S·PVYEHNTM	176	>ETV1-P234S·SVYEHNTM	38	138
>ETV1-P234S·PVYEHNTM	3825	>ETV1-P234S·SVYEHNTM	290	3535
>ETV1-P234S·PVYEHNTMV	2529	>ETV1-P234S·SVYEHNTMV	26	2503
>ETV1-P234S·PVYEHNTM	2260	>ETV1-P234S·SVYEHNTM	76	2184
>ETV1-P234S·PVYEHNTMV	46	>ETV1-P234S·SVYEHNTMV	4	42
>ETV1-P234S·PVYEHNTM	9068	>ETV1-P234S·SVYEHNTM	375	8693
>ETV1-P234S·PVYEHNTM	9958	>ETV1-P234S·SVYEHNTM	346	9612
>ETV1-P234S·PVYEHNTM	1321	>ETV1-P234S·SVYEHNTM	124	1197
>ETV1-P234S·DPVYEHNTM	480	>ETV1-P234S·DSVYEHNTM	16	464
>ETV1-P234S·DPVYEHNTM	551	>ETV1-P234S·DSVYEHNTM	373	178
>ETV1-P234S·DPVYEHNTM	22	>ETV1-P234S·DSVYEHNTM	1026	1004
>ETV1-P234S·HDPVYEHNTI	243	>ETV1-P234S·HDSVYEHNTI	63	180
>ETV1-P234S·YHDPVYEHNT	137	>ETV1-P234S·YHDSVYEHNT	138	1
>ETV1-P234S·YHDPVYEHNT	38	>ETV1-P234S·YHDSVYEHNT	29	9
>ETV1-P234S·QEYHDPVY	403	>ETV1-P234S·QEYHDSVY	128	275
>ETV1-P234S·QEYHDPVY	1003	>ETV1-P234S·QEYHDSVY	196	807
>ETV1-P234S·QEYHDPVY	94	>ETV1-P234S·QEYHDSVY	55	39
>ETV1-P234S·QEYHDPVY	143	>ETV1-P234S·QEYHDSVY	137	6
>ETV1-P234S·QEYHDPVYEH	476	>ETV1-P234S·QEYHDSVYEH	413	63
>ETV1-P234S·QEYHDPVY	183	>ETV1-P234S·QEYHDSVY	206	23
>ETV1-P234S·KQEYHDPV	40	>ETV1-P234S·KQEYHDSV	65	25
>ETV1-P234S·KQEYHDPVY	49	>ETV1-P234S·KQEYHDSVY	78	29
>ETV1-P234S·KQEYHDPVY	93	>ETV1-P234S·KQEYHDSVY	65	28
>ETV1-P234S·KQEYHDPVY	2207	>ETV1-P234S·KQEYHDSVY	311	1896
>ETV1-P234S·KQEYHDPVY	87	>ETV1-P234S·KQEYHDSVY	37	50
>ETV1-P234S·FKQEYHDPV	483	>ETV1-P234S·FKQEYHDSV	529	46
>ETV1-P234S·FKQEYHDPV	108	>ETV1-P234S·FKQEYHDSV	188	80
>ETV1-P234S·FKQEYHDPV	112	>ETV1-P234S·FKQEYHDSV	118	6
>ETV1-P234S·FKQEYHDPVY	1152	>ETV1-P234S·FKQEYHDSVY	454	698

>ETV1-P234SFKQEYHDPV\	867	>ETV1-P234SFKQEYHDSVY	227	640
>ETV1-P234SFKQEYHDPV	112	>ETV1-P234SFKQEYHDSV	129	17
>ETV1-P234SFKQEYHDPV\	13	>ETV1-P234SFKQEYHDSVY	8	5
>ETV1-P234SFKQEYHDPV	447	>ETV1-P234SFKQEYHDSV	792	345
>ETV1-P234SGFKQEYHDP\	104	>ETV1-P234SGFKQEYHDS\	164	60
>ETV1-P234SGFKQEYHDP\	217	>ETV1-P234SGFKQEYHDS\	298	81
>ETV1-P234SQGFKQEYHD	389	>ETV1-P234SQGFKQEYHD	1124	735
>ETV5-D452\DALFSMAF	7661	>ETV5-D452\HALFSMAF	360	7301
>ETV5-D452\DALFSMAF	252	>ETV5-D452\HALFSMAF	15	237
>ETV5-D452\DALFSMAF	261	>ETV5-D452\HALFSMAF	7	254
>ETV5-D452\DALFSMAF	131	>ETV5-D452\HALFSMAF	28	103
>ETV5-D452\PDALFSMAF	1698	>ETV5-D452\PHALFSMAF	71	1627
>ETV5-D452\DPDALFSM	436	>ETV5-D452\DPHALFSM	30	406
>ETV5-D452\DPDALFSM	55	>ETV5-D452\DPHALFSM	53	2
>ETV5-D452\DPDALFSM	467	>ETV5-D452\DPHALFSM	835	368
>ETV5-D452\DPDALFSMA	197	>ETV5-D452\DPHALFSMA	56	141
>ETV5-D452\DPDALFSMA\	251	>ETV5-D452\DPHALFSMA\	253	2
>ETV5-D452\DPDALFSMA\	67	>ETV5-D452\DPHALFSMA\	59	8
>ETV5-D452\FVCDPDAL	509	>ETV5-D452\FVCDPHAL	189	320
>ETV5-D452\FVCDPDALFS	143	>ETV5-D452\FVCDPHALFS	206	63
>ETV5-D452\FVCDPDAL	83	>ETV5-D452\FVCDPHAL	52	31
>ETV5-D452\FVCDPDALFS	144	>ETV5-D452\FVCDPHALFS	156	12
>ETV5-D452\FVCDPDAL	642	>ETV5-D452\FVCDPHAL	176	466
>ETV5-D452\FVCDPDAL	37	>ETV5-D452\FVCDPHAL	22	15
>ETV5-D452\FVCDPDALF	195	>ETV5-D452\FVCDPHALF	299	104
>ETV5-D452\FVCDPDALFS	16	>ETV5-D452\FVCDPHALFS	19	3
>ETV5-D452\FVCDPDAL	58	>ETV5-D452\FVCDPHAL	15	43
>ETV5-D452\FVCDPDALFS	123	>ETV5-D452\FVCDPHALFS	83	40
>ETV5-D452\FVCDPDAL	94	>ETV5-D452\FVCDPHAL	10	84
>ETV5-D452\FVCDPDALFS	105	>ETV5-D452\FVCDPHALFS	119	14
>ETV5-D452\FVCDPDALFS	356	>ETV5-D452\FVCDPHALFS	530	174
>ETV5-D452\FVCDPDAL	485	>ETV5-D452\FVCDPHAL	287	198
>ETV5-D452\FVCDPDALF	175	>ETV5-D452\FVCDPHALF	81	94
>ETV5-D452\FVCDPDALFS	60	>ETV5-D452\FVCDPHALFS	47	13
>ETV5-D452\FVCDPDALF	103	>ETV5-D452\FVCDPHALF	45	58
>ETV5-D452\FVCDPDAL	156	>ETV5-D452\FVCDPHAL	82	74
>ETV5-D452\FVCDPDALFS	278	>ETV5-D452\FVCDPHALFS	293	15
>ETV5-D452\FVCDPDAL	2648	>ETV5-D452\FVCDPHAL	177	2471
>ETV5-D452\FVCDPDALFS	268	>ETV5-D452\FVCDPHALFS	90	178
>ETV5-D452\FVCDPDALF	331	>ETV5-D452\FVCDPHALF	207	124
>ETV5-D452\FVCDPDALFS	410	>ETV5-D452\FVCDPHALFS	325	85
>ETV5-D452\FVCDPDALF	344	>ETV5-D452\FVCDPHALF	512	168
>ETV5-D452\FVCDPDALF	78	>ETV5-D452\FVCDPHALF	59	19

>ETV5-D452F FVCDPDALFS	431	>ETV5-D452F FVCDPHALFS	330	101
>ETV5-D452F FVCDPDAL	474	>ETV5-D452F FVCDPHAL	869	395
>ETV5-D452F FVCDPDALF	118	>ETV5-D452F FVCDPHALF	536	418
>ETV5-D452F FVCDPDALFS	94	>ETV5-D452F FVCDPHALFS	201	107
>ETV5-D452F FVCDPDAL	1606	>ETV5-D452F FVCDPHAL	186	1420
>ETV5-D452F FVCDPDALF	4979	>ETV5-D452F FVCDPHALF	377	4602
>ETV5-D452F FVCDPDALF	157	>ETV5-D452F FVCDPHALF	39	118
>ETV5-D452F FVCDPDALFS	396	>ETV5-D452F FVCDPHALFS	184	212
>ETV5-D452F KFVCDPDAL	1456	>ETV5-D452F KFVCDPHAL	132	1324
>ETV5-D452F KFVCDPDALF	410	>ETV5-D452F KFVCDPHALF	284	126
>ETV5-D452F KFVCDPDALF	253	>ETV5-D452F KFVCDPHALF	118	135
>ETV5-D452F KFVCDPDALF	1816	>ETV5-D452F KFVCDPHALF	412	1404
>ETV5-D452F KFVCDPDAL	147	>ETV5-D452F KFVCDPHAL	121	26
>ETV5-D452F YKFVCDPD	3641	>ETV5-D452F YKFVCDPH	64	3577
>ETV5-D452F YKFVCDPDA	206	>ETV5-D452F YKFVCDPHA	144	62
>ETV5-D452F YKFVCDPDAL	9	>ETV5-D452F YKFVCDPHAL	6	3
>ETV5-D452F YKFVCDPDAL	3	>ETV5-D452F YKFVCDPHAL	3	0
>ETV5-D452F YKFVCDPDAL	47	>ETV5-D452F YKFVCDPHAL	21	26
>ETV5-D452F YKFVCDPDAL	299	>ETV5-D452F YKFVCDPHAL	146	153
>ETV5-D452F VYKFVCDPDA	299	>ETV5-D452F VYKFVCDPHA	435	136
>ETV5-D452F VYKFVCDPDA	367	>ETV5-D452F VYKFVCDPHA	101	266
>ETV5-D452F VYKFVCDPDA	1009	>ETV5-D452F VYKFVCDPHA	451	558
>ETV5-D452F VYKFVCDPDA	96	>ETV5-D452F VYKFVCDPHA	70	26
>ETV5-D452F VYKFVCDPDA	465	>ETV5-D452F VYKFVCDPHA	412	53
>ETV5-D452F VYKFVCDPDA	307	>ETV5-D452F VYKFVCDPHA	85	222
>ETV5-D452F VYKFVCDPD	209	>ETV5-D452F VYKFVCDPH	89	120
>ETV5-D452F VYKFVCDPD	122	>ETV5-D452F VYKFVCDPH	23	99
>ETV5-D452F VYKFVCDPD	267	>ETV5-D452F VYKFVCDPH	79	188
>ETV5-D452F VYKFVCDPD	91	>ETV5-D452F VYKFVCDPH	32	59
>ETV5-D452F VYKFVCDPD	100	>ETV5-D452F VYKFVCDPH	52	48
>ETV5-D452F VYKFVCDPD	1027	>ETV5-D452F VYKFVCDPH	316	711
>ETV5-N77H·NLVLHAPPPT	810	>ETV5-N77H·HLVLHAPPPT	87	723
>ETV5-N77H·NLVLHAPPPT	7494	>ETV5-N77H·HLVLHAPPPT	141	7353
>ETV5-N77H·QSDNLVLHA	478	>ETV5-N77H·QSDHLVLHA	518	40
>ETV5-N77H·FQSDNLVL	53	>ETV5-N77H·FQSDHLVL	67	14
>ETV5-N77H·FQSDNLVLHA	298	>ETV5-N77H·FQSDHLVLHA	307	9
>ETV5-N77H·FQSDNLVL	17	>ETV5-N77H·FQSDHLVL	18	1
>ETV5-N77H·FQSDNLVLHA	105	>ETV5-N77H·FQSDHLVLHA	99	6
>ETV5-N77H·FQSDNLVLHA	330	>ETV5-N77H·FQSDHLVLHA	229	101
>ETV5-N77H·FQSDNLVL	81	>ETV5-N77H·FQSDHLVL	44	37
>ETV5-N77H·FQSDNLVLHA	90	>ETV5-N77H·FQSDHLVLHA	102	12
>ETV5-N77H·FQSDNLVL	10	>ETV5-N77H·FQSDHLVL	10	0
>ETV5-N77H·FQSDNLVLH	361	>ETV5-N77H·FQSDHLVLH	238	123

>ETV5-N77H·FQSDNLVLHA	58	>ETV5-N77H·FQSDHLVLHA	65	7
>ETV5-N77H·FQSDNLVLHA	48	>ETV5-N77H·FQSDHLVLHA	40	8
>ETV5-N77H·FQSDNLVL	259	>ETV5-N77H·FQSDHLVL	243	16
>ETV5-N77H·FQSDNLVLHA	271	>ETV5-N77H·FQSDHLVLHA	430	159
>ETV5-N77H·FQSDNLVL	121	>ETV5-N77H·FQSDHLVL	403	282
>ETV5-N77H·FQSDNLVLHA	185	>ETV5-N77H·FQSDHLVLHA	625	440
>ETV5-N77H·FQSDNLVLHA	487	>ETV5-N77H·FQSDHLVLHA	1003	516
>ETV5-N77H·FQSDNLVL	301	>ETV5-N77H·FQSDHLVL	447	146
>ETV5-N77H·FQSDNLVL	113	>ETV5-N77H·FQSDHLVL	83	30
>ETV5-N77H·FQSDNLVLHA	213	>ETV5-N77H·FQSDHLVLHA	144	69
>ETV5-N77H·FQSDNLVL	32	>ETV5-N77H·FQSDHLVL	28	4
>ETV5-N77H·FQSDNLVL	11	>ETV5-N77H·FQSDHLVL	11	0
>ETV5-N77H·FQSDNLVL	1040	>ETV5-N77H·FQSDHLVL	481	559
>ETV5-N77H·PDFQSDNLV	77	>ETV5-N77H·PDFQSDHLV	57	20
>ETV5-N77H·VPDFQSDNL\	296	>ETV5-N77H·VPDFQSDHL\	187	109
>ETV5-N77H·VPDFQSDNL\	353	>ETV5-N77H·VPDFQSDHL\	761	408
>ETV5-N77H·FVPDFQSDNI	75	>ETV5-N77H·FVPDFQSDHL	35	40
>ETV5-N77H·FVPDFQSDNI	67	>ETV5-N77H·FVPDFQSDHL	88	21
>ETV5-N77H·FVPDFQSDNI	13	>ETV5-N77H·FVPDFQSDHL	11	2
>ETV5-N77H·FVPDFQSDNI	441	>ETV5-N77H·FVPDFQSDHL	732	291
>ETV5-N77H·FVPDFQSDNI	17	>ETV5-N77H·FVPDFQSDHL	15	2
>ETV5-N77H·FVPDFQSDNI	94	>ETV5-N77H·FVPDFQSDHL	116	22
>ETV5-N77H·FVPDFQSDNI	12	>ETV5-N77H·FVPDFQSDHL	9	3
>ETV5-N77H·FVPDFQSDNI	287	>ETV5-N77H·FVPDFQSDHL	241	46
>ETV5-N77H·FVPDFQSDNI	39	>ETV5-N77H·FVPDFQSDHL	13	26
>ETV5-N77H·FVPDFQSDNI	290	>ETV5-N77H·FVPDFQSDHL	89	201
>ETV5-N77H·FVPDFQSDNI	962	>ETV5-N77H·FVPDFQSDHL	476	486
>ETV5-N77H·FVPDFQSDNI	52	>ETV5-N77H·FVPDFQSDHL	21	31
>ETV5-N77H·FVPDFQSDNI	763	>ETV5-N77H·FVPDFQSDHL	137	626
>ETV5-N77H·FVPDFQSDNI	40	>ETV5-N77H·FVPDFQSDHL	34	6
>ETV5-N77H·FVPDFQSDNI	4	>ETV5-N77H·FVPDFQSDHL	2	2
>ETV5-N77H·FVPDFQSDNI	165	>ETV5-N77H·FVPDFQSDHL	138	27
>ETV5-N77H·FVPDFQSDNI	10	>ETV5-N77H·FVPDFQSDHL	9	1
>ETV5-N77H·FVPDFQSDNI	392	>ETV5-N77H·FVPDFQSDHL	106	286
>ETV5-N77H·FVPDFQSDNI	109	>ETV5-N77H·FVPDFQSDHL	107	2
>ETV5-N77H·FVPDFQSDNI	64	>ETV5-N77H·FVPDFQSDHL	43	21
>ETV5-N77H·QFVPDFQSDI	150	>ETV5-N77H·QFVPDFQSDI	119	31
>ETV5-N77H·QFVPDFQSDI	735	>ETV5-N77H·QFVPDFQSDI	449	286
>ETV5-N77H·QFVPDFQSDI	435	>ETV5-N77H·QFVPDFQSDI	488	53
>ETV5-Y445C YKFVCDPDA	206	>ETV5-Y445C CKFVCDPDA	1242	1036
>ETV5-Y445C YKFVCDPDAL	9	>ETV5-Y445C CKFVCDPDAL	69	60
>ETV5-Y445C YKFVCDPDAL	3	>ETV5-Y445C CKFVCDPDAL	14	11
>ETV5-Y445C YKFVCDPDAL	47	>ETV5-Y445C CKFVCDPDAL	898	851



>ETV5-Y445CYKFVCDPDAL	299	>ETV5-Y445CCKFVCDPDAL	4289	3990
>ETV5-Y445CYKFVCDPDAL	1249	>ETV5-Y445CCKFVCDPDAL	373	876
>ETV5-Y445CVYKFVCDPDA	299	>ETV5-Y445CVCKFVCDPDA	25641	25342
>ETV5-Y445CVYKFVCDPDA	367	>ETV5-Y445CVCKFVCDPDA	22307	21940
>ETV5-Y445CVYKFVCDPDA	96	>ETV5-Y445CVCKFVCDPDA	23793	23697
>ETV5-Y445CVYKFVCDPDA	465	>ETV5-Y445CVCKFVCDPDA	30284	29819
>ETV5-Y445CMQKVAGERY	83	>ETV5-Y445CMQKVAGERY	26208	26125
>ETV5-Y445CMQKVAGERY	40	>ETV5-Y445CMQKVAGERY	2525	2485
>ETV5-Y445CMQKVAGERY	234	>ETV5-Y445CMQKVAGERY	21654	21420
>ETV5-Y445CMQKVAGERY	7	>ETV5-Y445CMQKVAGERY	1404	1397
>ETV5-Y445CVYKFVCDPD	307	>ETV5-Y445CVYVCKFVCDPC	3330	3023
>ETV5-Y445CVYKFVCDPD	209	>ETV5-Y445CVYVCKFVCDPC	2794	2585
>ETV5-Y445CVYKFVCDPD	122	>ETV5-Y445CVYVCKFVCDPC	1100	978
>ETV5-Y445CVYKFVCDPD	267	>ETV5-Y445CVYVCKFVCDPC	2446	2179
>ETV5-Y445CVYKFVCDPD	91	>ETV5-Y445CVYVCKFVCDPC	3947	3856
>ETV5-Y445CVYKFVCDPD	100	>ETV5-Y445CVYVCKFVCDPC	940	840
>ETV5-Y445CERYVYKFVC	319	>ETV5-Y445CERYVCKFVC	299	20
>ETV5-Y445CGERYVYKFV	8	>ETV5-Y445CGERYVCKFV	9	1
>ETV5-Y445CGERYVYKF	223	>ETV5-Y445CGERYVCKF	300	77
>ETV5-Y445CGERYVYKF	313	>ETV5-Y445CGERYVCKF	1916	1603
>ETV5-Y445CGERYVYKF	151	>ETV5-Y445CGERYVCKF	328	177
>ETV5-Y445CGERYVYKFV	292	>ETV5-Y445CGERYVCKFV	550	258
>ETV5-Y445CGERYVYKFVC	287	>ETV5-Y445CGERYVCKFVC	478	191
>ETV5-Y445CGERYVYKF	155	>ETV5-Y445CGERYVCKF	380	225
>ETV5-Y445CGERYVYKFV	172	>ETV5-Y445CGERYVCKFV	336	164
>ETV5-Y445CGERYVYKF	226	>ETV5-Y445CGERYVCKF	573	347
>ETV5-Y445CGERYVYKFV	22	>ETV5-Y445CGERYVCKFV	20	2
>ETV5-Y445CAGERYVYK	468	>ETV5-Y445CAGERYVCK	2747	2279
>ETV5-Y445CVAGERYVYKF	492	>ETV5-Y445CVAGERYVCKF	1608	1116
>ETV5-Y445CVAGERYVYKF	458	>ETV5-Y445CVAGERYVCKF	885	427
>ETV5-Y445CVAGERYVYKF	119	>ETV5-Y445CVAGERYVCKF	434	315
>ETV5-Y445CVAGERYVYKF	384	>ETV5-Y445CVAGERYVCKF	689	305
>ETV5-Y445CVAGERYVYK	231	>ETV5-Y445CVAGERYVCK	2483	2252
>ETV5-Y445CVAGERYVYK	37	>ETV5-Y445CVAGERYVCK	272	235
>ETV5-Y445CVAGERYVY	222	>ETV5-Y445CVAGERYVC	29288	29066
>ETV5-Y445CVAGERYVYK	172	>ETV5-Y445CVAGERYVCK	2526	2354
>ETV5-Y445CVAGERYVYKF	137	>ETV5-Y445CVAGERYVCKF	149	12
>ETV5-Y445CVAGERYVY	441	>ETV5-Y445CVAGERYVC	21256	20815
>ETV5-Y445CKVAGERYVYK	20	>ETV5-Y445CKVAGERYVCK	55	35
>ETV5-Y445CKVAGERYVY	437	>ETV5-Y445CKVAGERYVC	22517	22080
>ETV5-Y445CKVAGERYVYK	20	>ETV5-Y445CKVAGERYVCK	74	54
>ETV5-Y445CKVAGERYVYK	424	>ETV5-Y445CKVAGERYVCK	2805	2381
>ETV5-Y445CKVAGERYVY	125	>ETV5-Y445CKVAGERYVC	30094	29969

>ETV5-Y445C KVAGERYVYK	241	>ETV5-Y445C KVAGERYVCK	691	450
>ETV5-Y445C KVAGERYVY	40	>ETV5-Y445C KVAGERYVC	22752	22712
>ETV5-Y445C KVAGERYVYK	13	>ETV5-Y445C KVAGERYVCK	69	56
>ETV5-Y445C KVAGERYVY	9	>ETV5-Y445C KVAGERYVC	12172	12163
>ETV5-Y445C KVAGERYVYK	122	>ETV5-Y445C KVAGERYVCK	250	128
>ETV5-Y445C KVAGERYVY	134	>ETV5-Y445C KVAGERYVC	1360	1226
>ETV5-Y445C KVAGERYVYK	18	>ETV5-Y445C KVAGERYVCK	47	29
>ETV5-Y445C KVAGERYVYK	64	>ETV5-Y445C KVAGERYVCK	1324	1260
>ETV5-Y445C KVAGERYVY	181	>ETV5-Y445C KVAGERYVC	26400	26219
>ETV5-Y445C KVAGERYVY	281	>ETV5-Y445C KVAGERYVC	16881	16600
>ETV5-Y445C KVAGERYVYK	323	>ETV5-Y445C KVAGERYVCK	234	89
>ETV5-Y445C KVAGERYVYK	339	>ETV5-Y445C KVAGERYVCK	870	531
>ETV5-Y445C KVAGERYVY	150	>ETV5-Y445C KVAGERYVC	10738	10588
>ETV5-Y445C KVAGERYVYK	43	>ETV5-Y445C KVAGERYVCK	44	1
>ETV5-Y445C KVAGERYVY	123	>ETV5-Y445C KVAGERYVC	32308	32185
>ETV5-Y445C KVAGERYVY	47	>ETV5-Y445C KVAGERYVC	32044	31997
>ETV5-Y445C KVAGERYVYK	111	>ETV5-Y445C KVAGERYVCK	435	324
>ETV5-Y445C KVAGERYVYK	72	>ETV5-Y445C KVAGERYVCK	797	725
>ETV5-Y445C QKVAGERYV'	29	>ETV5-Y445C QKVAGERYV'	5362	5333
>ETV6-G375F GLARLWGNH	2655	>ETV6-G375F RLARLWGNH	322	2333
>ETV6-G375F GLARLWGNH	383	>ETV6-G375F RLARLWGNH	75	308
>ETV6-G375F GLARLWGNH	653	>ETV6-G375F RLARLWGNH	350	303
>ETV6-G375F GLARLWGNH	2626	>ETV6-G375F RLARLWGNH	54	2572
>ETV6-G375F GLARLWGNH	1054	>ETV6-G375F RLARLWGNH	116	938
>ETV6-G375F NGLARLWGN	30741	>ETV6-G375F NRLARLWGN	443	30298
>ETV6-G375F NGLARLWGN	22050	>ETV6-G375F NRLARLWGN	139	21911
>ETV6-G375F DPNGLARLW	174	>ETV6-G375F DPNRLARLW	384	210
>ETV6-G375F DPNGLARLW	17	>ETV6-G375F DPNRLARLW	14	3
>ETV6-G375F IVDPNGLARL	216	>ETV6-G375F IVDPNRLARL	825	609
>ETV6-G375F IVDPNGLARL	117	>ETV6-G375F IVDPNRLARL	156	39
>ETV6-G375F IVDPNGLAR	1962	>ETV6-G375F IVDPNRLAR	492	1470
>ETV6-G375F IVDPNGLARL	111	>ETV6-G375F IVDPNRLARL	316	205
>ETV6-G375F IVDPNGLARL	73	>ETV6-G375F IVDPNRLARL'	152	79
>ETV6-G375F IVDPNGLARL	170	>ETV6-G375F IVDPNRLARL'	155	15
>ETV6-G375F IVDPNGLARL	81	>ETV6-G375F IVDPNRLARL'	65	16
>ETV6-G375F RIVDPNGL	482	>ETV6-G375F RIVDPNRL	769	287
>ETV6-G375F RIVDPNGLAR	423	>ETV6-G375F RIVDPNRLAR	490	67
>ETV6-G375F RIVDPNGL	458	>ETV6-G375F RIVDPNRL	1256	798
>ETV6-G375F RIVDPNGLAR	221	>ETV6-G375F RIVDPNRLAR	326	105
>ETV6-G375F RIVDPNGL	249	>ETV6-G375F RIVDPNRL	1208	959
>ETV6-G375F RIVDPNGLAR	136	>ETV6-G375F RIVDPNRLAR	201	65
>ETV6-G375F RIVDPNGL	214	>ETV6-G375F RIVDPNRL	323	109
>ETV6-G375F RIVDPNGLAR	114	>ETV6-G375F RIVDPNRLAR	171	57

>ETV6-G375F RIVDPNGL	365	>ETV6-G375F RIVDPNRL	344	21
>ETV6-G375F RIVDPNGLAR	68	>ETV6-G375F RIVDPNRLAR	111	43
>ETV6-G375F RIVDPNGLAR	317	>ETV6-G375F RIVDPNRLAR	541	224
>ETV6-G375F RIVDPNGLAR	301	>ETV6-G375F RIVDPNRLAR	623	322
>ETV6-G375F RIVDPNGLAR	432	>ETV6-G375F RIVDPNRLAR	976	544
>ETV6-G375F RIVDPNGLAR	57	>ETV6-G375F RIVDPNRLAR	16	41
>ETV6-G375F RIVDPNGLAR	65	>ETV6-G375F RIVDPNRLAR	114	49
>ETV6-G375F RIVDPNGLAR	59	>ETV6-G375F RIVDPNRLAR	66	7
>ETV6-G375F RIVDPNGLAR	52	>ETV6-G375F RIVDPNRLAR	44	8
>ETV6-G375F FRIVDPNGL	374	>ETV6-G375F FRIVDPNRL	570	196
>ETV6-G375F FRIVDPNGLA	373	>ETV6-G375F FRIVDPNRLA	547	174
>ETV6-G375F FRIVDPNG	6759	>ETV6-G375F FRIVDPNR	245	6514
>ETV6-G375F FRIVDPNGL	179	>ETV6-G375F FRIVDPNRL	261	82
>ETV6-G375F FRIVDPNGLA	124	>ETV6-G375F FRIVDPNRLA	112	12
>ETV6-G375F FRIVDPNGL	27	>ETV6-G375F FRIVDPNRL	40	13
>ETV6-G375F FRIVDPNGL	97	>ETV6-G375F FRIVDPNRL	204	107
>ETV6-G375F FRIVDPNGLA	204	>ETV6-G375F FRIVDPNRLA	160	44
>ETV6-G375F FRIVDPNG	20330	>ETV6-G375F FRIVDPNR	27	20303
>ETV6-G375F FRIVDPNG	27548	>ETV6-G375F FRIVDPNR	44	27504
>ETV6-G375F FRIVDPNG	35035	>ETV6-G375F FRIVDPNR	325	34710
>ETV6-G375F KIFRIVDPNGI	192	>ETV6-G375F KIFRIVDPNRL	268	76
>ETV6-G375F KIFRIVDPNGI	30	>ETV6-G375F KIFRIVDPNRL	43	13
>ETV6-G375F KIFRIVDPNGI	100	>ETV6-G375F KIFRIVDPNRL	240	140
>ETV6-G375F KIFRIVDPNGI	149	>ETV6-G375F KIFRIVDPNRL	599	450
>ETV6-G375F KIFRIVDPNGI	43	>ETV6-G375F KIFRIVDPNRL	64	21
>ETV6-G375F KIFRIVDPNGI	328	>ETV6-G375F KIFRIVDPNRL	1221	893
>ETV6-G375F KIFRIVDPNGI	258	>ETV6-G375F KIFRIVDPNRL	571	313
>ETV6-G375F KIFRIVDPNGI	367	>ETV6-G375F KIFRIVDPNRL	291	76
>ETV6-G375F KIFRIVDPNG	20670	>ETV6-G375F KIFRIVDPNR	25	20645
>ETV6-G375F KIFRIVDPNGI	15	>ETV6-G375F KIFRIVDPNRL	18	3
>ETV6-G375F KIFRIVDPNG	39039	>ETV6-G375F KIFRIVDPNR	365	38674
>ETV6-G375F KIFRIVDPNG	29635	>ETV6-G375F KIFRIVDPNR	267	29368
>ETV6-G375F KIFRIVDPNG	20768	>ETV6-G375F KIFRIVDPNR	25	20743
>EWSR1-T41 TVSYEDPPTA	39	>EWSR1-T41 AVSYEDPPTA	47	8
>EWSR1-T41 TVSYEDPPTA	2558	>EWSR1-T41 AVSYEDPPTA	364	2194
>EWSR1-T41 TVSYEDPPTA	28	>EWSR1-T41 AVSYEDPPTA	515	487
>EWSR1-T41 KETGKPKGDA	722	>EWSR1-T41 KETGKPKGDA	96	626
>EWSR1-T41 KGDATVSY	281	>EWSR1-T41 KGDAAVSY	323	42
>EWSR1-T41 PKGDATVSY	219	>EWSR1-T41 PKGDAAVSY	281	62
>EWSR1-T41 KPKGDATV	282	>EWSR1-T41 KPKGDAAV	61	221
>EWSR1-T41 KPKGDATVSY	433	>EWSR1-T41 KPKGDAAVSY	406	27
>EWSR1-T41 KPKGDATVSY	267	>EWSR1-T41 KPKGDAAVSY	418	151
>EWSR1-T41 GKPKGDATV	184	>EWSR1-T41 GKPKGDAAV	191	7

>EWSR1-T41.ETGKPKGDA1	44	>EWSR1-T41.ETGKPKGDA/	33	11
>EWSR1-T41.ETGKPKGDA1	39	>EWSR1-T41.ETGKPKGDA/	34	5
>EZH2-A2551ALPPECTPNI	335	>EZH2-A2551TLPPECTPNI	348	13
>EZH2-A2551ALPPECTPNI	346	>EZH2-A2551TLPPECTPNI	524	178
>EZH2-A2551ALPPECTPNI	253	>EZH2-A2551TLPPECTPNI	248	5
>EZH2-A2551ALPPECTPNI	245	>EZH2-A2551TLPPECTPNI	213	32
>EZH2-A2551ALPPECTPNI	92	>EZH2-A2551TLPPECTPNI	374	282
>EZH2-A2551ALPPECTPNI	315	>EZH2-A2551TLPPECTPNI	859	544
>EZH2-A2551ALPPECTPNI	52	>EZH2-A2551TLPPECTPNI	133	81
>EZH2-A2551ALPPECTPNI	206	>EZH2-A2551TLPPECTPNI	330	124
>EZH2-A2551ALPPECTPNI	10	>EZH2-A2551TLPPECTPNI	26	16
>EZH2-A2551ALPPECTPNI	435	>EZH2-A2551TLPPECTPNI	276	159
>EZH2-A2551GALPPECTPN	1457	>EZH2-A2551GTLPPECTPN	371	1086
>EZH2-A2551GALPPECTPN	1551	>EZH2-A2551GTLPPECTPN	347	1204
>EZH2-A2551GALPPECTPN	386	>EZH2-A2551GTLPPECTPN	44	342
>EZH2-A2551GALPPECTPN	164	>EZH2-A2551GTLPPECTPN	37	127
>EZH2-A2551KELTEQQLPG	416	>EZH2-A2551KELTEQQLPG	615	199
>EZH2-A2551KELTEQQLPG	57	>EZH2-A2551KELTEQQLPG	515	458
>EZH2-A2551KELTEQQLPG	64	>EZH2-A2551KELTEQQLPG	55	9
>EZH2-A2551QLPGALPPEC	366	>EZH2-A2551QLPGTLPPEC	242	124
>EZH2-A2551QLPGALPPEC	69	>EZH2-A2551QLPGTLPPEC	75	6
>EZH2-A2551QQLPGALPP	715	>EZH2-A2551QQLPGTLPP	482	233
>EZH2-A2551QQLPGALPPE	259	>EZH2-A2551QQLPGTLPPE	257	2
>EZH2-A2551TEQQLPGAL	386	>EZH2-A2551TEQQLPGTL	1138	752
>EZH2-A2551TEQQLPGAL	261	>EZH2-A2551TEQQLPGTL	330	69
>EZH2-A2551TEQQLPGAL	121	>EZH2-A2551TEQQLPGTL	362	241
>EZH2-A2551TEQQLPGA	40	>EZH2-A2551TEQQLPGT	293	253
>EZH2-A2551TEQQLPGAL	249	>EZH2-A2551TEQQLPGTL	247	2
>EZH2-A2551LTEQQLPGAL	104	>EZH2-A2551LTEQQLPGTL	36	68
>EZH2-A2551LTEQQLPGAL	133	>EZH2-A2551LTEQQLPGTL	54	79
>EZH2-A2551ELTEQQLPGA	353	>EZH2-A2551ELTEQQLPGT	2006	1653
>EZH2-A2551ELTEQQLPGA	260	>EZH2-A2551ELTEQQLPGT	192	68
>EZH2-A2551ELTEQQLPGA	116	>EZH2-A2551ELTEQQLPGT	1723	1607
>EZH2-A2551ELTEQQLPGA	705	>EZH2-A2551ELTEQQLPGT	275	430
>EZH2-A2551ELTEQQLPGA	22	>EZH2-A2551ELTEQQLPGT	185	163
>EZH2-A2551ELTEQQLPGA	95	>EZH2-A2551ELTEQQLPGT	36	59
>EZH2-A2551ELTEQQLPGA	242	>EZH2-A2551ELTEQQLPGT	1658	1416
>EZH2-A3451AERIKTPPK	17	>EZH2-A3451TERIKTPPK	114	97
>EZH2-A3451AERIKTPPK	417	>EZH2-A3451TERIKTPPK	3774	3357
>EZH2-A3451TAERIKTPPK	949	>EZH2-A3451TTERIKTPPK	133	816
>EZH2-A3451TAERIKTPPK	1075	>EZH2-A3451TTERIKTPPK	204	871
>EZH2-A3451TAERIKTPPKF	343	>EZH2-A3451TTERIKTPPKR	125	218
>EZH2-A3451TAERIKTPPKF	58	>EZH2-A3451TTERIKTPPKR	21	37

>EZH2-A3451GAKEFAAALT	425	>EZH2-A3451GAKEFAAALT	5256	4831
>EZH2-A3451LTAERIKTPPK	161	>EZH2-A3451LTTERIKTPPK	533	372
>EZH2-A3451LTAERIKTPPK	39	>EZH2-A3451LTTERIKTPPK	75	36
>EZH2-A3451LTAERIKTPPK	68	>EZH2-A3451LTTERIKTPPK	54	14
>EZH2-A3451LTAERIKTPPK	47	>EZH2-A3451LTTERIKTPPK	128	81
>EZH2-A3451LTAERIKTPPK	325	>EZH2-A3451LTTERIKTPPK	853	528
>EZH2-A3451ALTAERIKT	125	>EZH2-A3451ALTTERIKT	282	157
>EZH2-A3451AALTAERIK	182	>EZH2-A3451AALTTERIK	185	3
>EZH2-A3451AALTAERI	426	>EZH2-A3451AALTTERI	338	88
>EZH2-A3451AAALTAERIK	405	>EZH2-A3451AAALTTERIK	238	167
>EZH2-A3451AAALTAER	243	>EZH2-A3451AAALTTER	180	63
>EZH2-A3451AAALTAER	51	>EZH2-A3451AAALTTER	60	9
>EZH2-A3451AAALTAERI	418	>EZH2-A3451AAALTTERI	1151	733
>EZH2-A3451AAALTAERI	378	>EZH2-A3451AAALTTERI	240	138
>EZH2-A3451FAAALTAERI	296	>EZH2-A3451FAAALTTERI	161	135
>EZH2-A3451FAAALTAERI	898	>EZH2-A3451FAAALTTERI	283	615
>EZH2-A3451FAAALTAERI	700	>EZH2-A3451FAAALTTERI	321	379
>EZH2-A3451FAAALTAER	274	>EZH2-A3451FAAALTTER	442	168
>EZH2-A3451FAAALTAER	406	>EZH2-A3451FAAALTTER	735	329
>EZH2-A3451FAAALTAER	3	>EZH2-A3451FAAALTTER	4	1
>EZH2-A3451FAAALTAERIK	40	>EZH2-A3451FAAALTTERIK	44	4
>EZH2-A3451FAAALTAERI	40	>EZH2-A3451FAAALTTERI	45	5
>EZH2-A3451FAAALTAERI	139	>EZH2-A3451FAAALTTERI	154	15
>EZH2-A3451FAAALTAERI	134	>EZH2-A3451FAAALTTERI	111	23
>EZH2-A3451FAAALTAERI	271	>EZH2-A3451FAAALTTERI	230	41
>EZH2-A3451EFAAALTAER	438	>EZH2-A3451EFAAALTTER	984	546
>EZH2-A3451EFAAALTAER	247	>EZH2-A3451EFAAALTTER	425	178
>EZH2-A3451EFAAALTAER	9	>EZH2-A3451EFAAALTTER	14	5
>EZH2-A3451EFAAALTAER	133	>EZH2-A3451EFAAALTTER	128	5
>EZH2-A3451KEFAAALTAE	286	>EZH2-A3451KEFAAALTTEI	381	95
>EZH2-A3451KEFAAALTA	80	>EZH2-A3451KEFAAALT	115	35
>EZH2-A3451KEFAAALTA	23	>EZH2-A3451KEFAAALT	28	5
>EZH2-A3451KEFAAALTAE	375	>EZH2-A3451KEFAAALTTE	323	52
>EZH2-A3451KEFAAALTAE	574	>EZH2-A3451KEFAAALTTEI	238	336
>EZH2-A3451KEFAAALTA	251	>EZH2-A3451KEFAAALT	399	148
>EZH2-A3451KEFAAALTA	26	>EZH2-A3451KEFAAALT	134	108
>EZH2-A3451KEFAAALTA	194	>EZH2-A3451KEFAAALT	147	47
>EZH2-A3451KEFAAALTAE	480	>EZH2-A3451KEFAAALTTEI	493	13
>EZH2-A3451KEFAAALTAE	28	>EZH2-A3451KEFAAALTTEI	28	0
>EZH2-A3451AKEFAAALTA	386	>EZH2-A3451AKEFAAALT	1967	1581
>EZH2-A656\EADRRGKV	544	>EZH2-A656\EVDRRGKV	175	369
>EZH2-A656\YCGEIIQDEA	1010	>EZH2-A656\YCGEIIQDEV	178	832
>EZH2-A656\YCGEIIQDEA	1002	>EZH2-A656\YCGEIIQDEV	29	973

>EZH2-A656\YCGEIIISQDEA	6645	>EZH2-A656\YCGEIIISQDEV	253	6392
>EZH2-A656\YCGEIIISQDEA	2933	>EZH2-A656\YCGEIIISQDEV	64	2869
>EZH2-A656\YCGEIIISQDEA	8856	>EZH2-A656\YCGEIIISQDEV	274	8582
>EZH2-A656\YCGEIIISQDEA	3415	>EZH2-A656\YCGEIIISQDEV	35	3380
>EZH2-A656\YCGEIIISQDEA	7093	>EZH2-A656\YCGEIIISQDEV	492	6601
>EZH2-A656\DEADRRGKV	212	>EZH2-A656\DEVDRRGKV	637	425
>EZH2-A656\SQDEADRRG	183	>EZH2-A656\SQDEVDRRG	176	7
>EZH2-A656\SQDEADRRG	421	>EZH2-A656\SQDEVDRRG	137	284
>EZH2-A656\SQDEADRRG	297	>EZH2-A656\SQDEVDRRG	172	125
>EZH2-A656\ISQDEADRRG	544	>EZH2-A656\ISQDEVDRRG	493	51
>EZH2-A656\ISQDEADR	422	>EZH2-A656\ISQDEVDR	464	42
>EZH2-A656\ISQDEADRR	236	>EZH2-A656\ISQDEVDRR	245	9
>EZH2-A656\IISQDEADR	147	>EZH2-A656\IISQDEVDR	208	61
>EZH2-A656\IISQDEADRR	481	>EZH2-A656\IISQDEVDRR	600	119
>EZH2-A656\EIISQDEA	14246	>EZH2-A656\EIISQDEV	207	14039
>EZH2-A656\EIISQDEA	937	>EZH2-A656\EIISQDEV	177	760
>EZH2-A656\EIISQDEADRF	885	>EZH2-A656\EIISQDEVDRF	320	565
>EZH2-A656\EIISQDEADR	21	>EZH2-A656\EIISQDEVDR	22	1
>EZH2-A656\EIISQDEADRF	8	>EZH2-A656\EIISQDEVDRF	8	0
>EZH2-A656\EIISQDEA	58	>EZH2-A656\EIISQDEV	11	47
>EZH2-A656\EIISQDEA	2290	>EZH2-A656\EIISQDEV	69	2221
>EZH2-A656\GEIISQDEA	10816	>EZH2-A656\GEIISQDEV	332	10484
>EZH2-A656\GEIISQDEA	6342	>EZH2-A656\GEIISQDEV	209	6133
>EZH2-A656\GEIISQDEA	90	>EZH2-A656\GEIISQDEV	79	11
>EZH2-A656\GEIISQDEA	747	>EZH2-A656\GEIISQDEV	448	299
>EZH2-A656\GEIISQDEA	36	>EZH2-A656\GEIISQDEV	132	96
>EZH2-A656\GEIISQDEA	217	>EZH2-A656\GEIISQDEV	11	206
>EZH2-C571\YCN TKQCPCY	3712	>EZH2-C571\YNTKQCPCY	409	3303
>EZH2-C571\YQCNTKQCPC'	26402	>EZH2-C571\YQYNTKQCPC'	330	26072
>EZH2-C571\YQCNTKQCPC'	25230	>EZH2-C571\YQYNTKQCPC'	333	24897
>EZH2-C571\YQCNTKQCPC'	4476	>EZH2-C571\YQYNTKQCPC'	381	4095
>EZH2-C571\YQCNTKQCPC'	1003	>EZH2-C571\YQYNTKQCPC'	187	816
>EZH2-C571\YRFPGCRCCKAC	37715	>EZH2-C571\YRFPGCRCCKAC	323	37392
>EZH2-C571\YACQNTKQCP	322	>EZH2-C571\YAQYNTKQCP	176	146
>EZH2-C571\YACQNTKQCP	65	>EZH2-C571\YAQYNTKQCP	35	30
>EZH2-C571\YACQNTKQCP	3013	>EZH2-C571\YAQYNTKQCP	261	2752
>EZH2-C571\YACQNTKQC	3304	>EZH2-C571\YAQYNTKQC	405	2899
>EZH2-C571\YACQNTKQCP	2125	>EZH2-C571\YAQYNTKQCP	201	1924
>EZH2-C571\YACQNTKQCP	1802	>EZH2-C571\YAQYNTKQCP	210	1592
>EZH2-C571\YACQNTKQCP	21	>EZH2-C571\YAQYNTKQCP	3	18
>EZH2-C571\YRCKAQCN TK	7	>EZH2-C571\YRCKAQYNTK	4	3
>EZH2-C571\YRCKAQCN TK	1916	>EZH2-C571\YRCKAQYNTK	303	1613
>EZH2-C571\YGCRCCKAQCN	57	>EZH2-C571\YGCRCCKAQYN	16	41

>EZH2-C571\FPGCRCKAQ	2796	>EZH2-C571\FPGCRCKAQ	20	2776
>EZH2-C571\FPGCRCKAQ	7601	>EZH2-C571\FPGCRCKAQ	182	7419
>EZH2-C576\QCPCYLAVR	238	>EZH2-C576\QWPCYLAVR	24	214
>EZH2-C576\QCPCYLAV	35333	>EZH2-C576\QWPCYLAV	146	35187
>EZH2-C576\RCKAQCNTK	25787	>EZH2-C576\RCKAQCNTK	433	25354
>EZH2-C576\KQCPCYLA	650	>EZH2-C576\KQWPCYLA	21	629
>EZH2-C576\KQCPCYLAV	77	>EZH2-C576\KQWPCYLAV	9	68
>EZH2-C576\KQCPCYLAV	569	>EZH2-C576\KQWPCYLAV	260	309
>EZH2-C576\KQCPCYLAV	97	>EZH2-C576\KQWPCYLAV	96	1
>EZH2-C576\KQCPCYLA	50	>EZH2-C576\KQWPCYLA	13	37
>EZH2-C576\KQCPCYLAV	6	>EZH2-C576\KQWPCYLAV	3	3
>EZH2-C576\KQCPCYLAV	322	>EZH2-C576\KQWPCYLAV	25	297
>EZH2-C576\KQCPCYLAV	920	>EZH2-C576\KQWPCYLAV	19	901
>EZH2-C576\KQCPCYLAV	2601	>EZH2-C576\KQWPCYLAV	25	2576
>EZH2-C576\KQCPCYLAV	2897	>EZH2-C576\KQWPCYLAV	212	2685
>EZH2-C576\KQCPCYLAV	1801	>EZH2-C576\KQWPCYLAV	372	1429
>EZH2-C576\KQCPCYLAVR	9	>EZH2-C576\KQWPCYLAV	19	10
>EZH2-C576\KQCPCYLAV	367	>EZH2-C576\KQWPCYLAV	643	276
>EZH2-C576\KQCPCYLA	1665	>EZH2-C576\KQWPCYLA	215	1450
>EZH2-C576\KQCPCYLAV	40	>EZH2-C576\KQWPCYLAV	6	34
>EZH2-C576\KQCPCYLAVR	293	>EZH2-C576\KQWPCYLAV	37	256
>EZH2-C576\KQCPCYLAV	4582	>EZH2-C576\KQWPCYLAV	243	4339
>EZH2-C576\KQCPCYLAV	2306	>EZH2-C576\KQWPCYLAV	169	2137
>EZH2-C576\KQCPCYLAV	1100	>EZH2-C576\KQWPCYLAV	117	983
>EZH2-C576\KQCPCYLAVR	27	>EZH2-C576\KQWPCYLAV	15	12
>EZH2-C576\TKQCPCYL	357	>EZH2-C576\TKQWPCYL	1911	1554
>EZH2-C576\TKQCPCYLAV	233	>EZH2-C576\TKQWPCYLA'	1194	961
>EZH2-C576\NTKQCPCYLA	599	>EZH2-C576\NTKQWPCYL	341	258
>EZH2-C576\NTKQCPCY	417	>EZH2-C576\NTKQWPCY	113	304
>EZH2-C576\NTKQCPCY	1302	>EZH2-C576\NTKQWPCY	323	979
>EZH2-C576\NTKQCPCY	261	>EZH2-C576\NTKQWPCY	332	71
>EZH2-C576\NTKQCPCYLA	354	>EZH2-C576\NTKQWPCYL	138	216
>EZH2-C576\NTKQCPCYLA	184	>EZH2-C576\NTKQWPCYL	179	5
>EZH2-C576\NTKQCPCYL	3234	>EZH2-C576\NTKQWPCYL	105	3129
>EZH2-C576\NTKQCPCYLA	637	>EZH2-C576\NTKQWPCYL	67	570
>EZH2-C576\NTKQCPCY	473	>EZH2-C576\NTKQWPCY	1806	1333
>EZH2-C576\AQCNTKQCP	322	>EZH2-C576\AQCNTKQWF	386	64
>EZH2-C576\AQCNTKQCP	65	>EZH2-C576\AQCNTKQWF	79	14
>EZH2-C576\AQCNTKQC	3304	>EZH2-C576\AQCNTKQW	460	2844
>EZH2-C576\AQCNTKQCP	21	>EZH2-C576\AQCNTKQWF	25	4
>EZH2-C576\KAQCNTKQC	8486	>EZH2-C576\KAQCNTKQW	27	8459
>EZH2-C576\KAQCNTKQC	21314	>EZH2-C576\KAQCNTKQW	51	21263
>EZH2-C576\KAQCNTKQC	18339	>EZH2-C576\KAQCNTKQW	19	18320

>EZH2-C576\KAQCNTKQC	31751	>EZH2-C576\KAQCNTKQM	495	31256
>EZH2-D664\DKYMCSFL	305	>EZH2-D664\EKYMCSFL	66	239
>EZH2-D664\DKYMCSFLF	44	>EZH2-D664\EKYMCSFLF	10	34
>EZH2-D664\DKYMCSFLFN	304	>EZH2-D664\EKYMCSFLFN	83	221
>EZH2-D664\YDKYMCSF	6064	>EZH2-D664\YEKYMCSF	128	5936
>EZH2-D664\YDKYMCSFL	183	>EZH2-D664\YEKYMCSFL	14	169
>EZH2-D664\YDKYMCSFLF	1258	>EZH2-D664\YEKYMCSFLF	63	1195
>EZH2-D664\YDKYMCSF	355	>EZH2-D664\YEKYMCSF	53	302
>EZH2-D664\YDKYMCSFLF	2577	>EZH2-D664\YEKYMCSFLF	208	2369
>EZH2-D664\YDKYMCSF	100	>EZH2-D664\YEKYMCSF	16	84
>EZH2-D664\YDKYMCSFLF	442	>EZH2-D664\YEKYMCSFLF	48	394
>EZH2-D664\YDKYMCSF	4789	>EZH2-D664\YEKYMCSF	32	4757
>EZH2-D664\YDKYMCSFLF	9285	>EZH2-D664\YEKYMCSFLF	132	9153
>EZH2-D664\YDKYMCSFL	14062	>EZH2-D664\YEKYMCSFL	78	13984
>EZH2-D664\YDKYMCSFLF	12167	>EZH2-D664\YEKYMCSFLF	474	11693
>EZH2-D664\YDKYMCSF	489	>EZH2-D664\YEKYMCSF	96	393
>EZH2-D664\YDKYMCSFL	433	>EZH2-D664\YEKYMCSFL	63	370
>EZH2-D664\YDKYMCSFLF	11272	>EZH2-D664\YEKYMCSFLF	54	11218
>EZH2-D664\YDKYMCSFLF	715	>EZH2-D664\YEKYMCSFLF	19	696
>EZH2-D664\YDKYMCSFLF	4801	>EZH2-D664\YEKYMCSFLF	72	4729
>EZH2-D664\YDKYMCSFLF	7966	>EZH2-D664\YEKYMCSFLF	468	7498
>EZH2-D664\YDKYMCSFL	39	>EZH2-D664\YEKYMCSFL	94	55
>EZH2-D664\YDKYMCSFLF	173	>EZH2-D664\YEKYMCSFLF	124	49
>EZH2-D664\YDKYMCSF	2430	>EZH2-D664\YEKYMCSF	298	2132
>EZH2-D664\YDKYMCSFL	349	>EZH2-D664\YEKYMCSFL	11	338
>EZH2-D664\YVDKYMCSFL	1155	>EZH2-D664\VYEKYMCSFL	342	813
>EZH2-D664\YVDKYMCSF	837	>EZH2-D664\VYEKYMCSF	351	486
>EZH2-D664\YVDKYMCSFL	63	>EZH2-D664\VYEKYMCSFL	64	1
>EZH2-D664\YVDKYMCSFL	114	>EZH2-D664\VYEKYMCSFL	54	60
>EZH2-D664\YVDKYMCSF	466	>EZH2-D664\VYEKYMCSF	372	94
>EZH2-D664\YVDKYMCSFL	82	>EZH2-D664\VYEKYMCSFL	130	48
>EZH2-D664\YVDKYMCSFL	63	>EZH2-D664\VYEKYMCSFL	47	16
>EZH2-D664\YVDKYMCSF	17	>EZH2-D664\VYEKYMCSF	15	2
>EZH2-D664\YVDKYMCSFL	84	>EZH2-D664\VYEKYMCSFL	59	25
>EZH2-D664\YVDKYMCSFL	15	>EZH2-D664\VYEKYMCSFL	13	2
>EZH2-D664\YVDKYMCSFL	338	>EZH2-D664\VYEKYMCSFL	367	29
>EZH2-D664\KVYDKYMCSI	410	>EZH2-D664\KVYEKYMCSF	399	11
>EZH2-D664\KVYDKYMCSI	44	>EZH2-D664\KVYEKYMCSF	46	2
>EZH2-D664\KVYDKYMCSI	61	>EZH2-D664\KVYEKYMCSF	63	2
>EZH2-D664\KVYDKYMCSI	33	>EZH2-D664\KVYEKYMCSF	43	10
>EZH2-D664\KVYDKYMCSI	26	>EZH2-D664\KVYEKYMCSF	27	1
>EZH2-D664\KVYDKYMCSI	26	>EZH2-D664\KVYEKYMCSF	23	3
>EZH2-D664\KVYDKYMC	271	>EZH2-D664\KVYEKYMC	182	89



>EZH2-D664IKVYDKYMCSI	112	>EZH2-D664IKVYEKYMCSF	75	37
>EZH2-D664IKVYDKYMCSI	611	>EZH2-D664IKVYEKYMCSF	405	206
>EZH2-D664IKVYDKYMCSI	139	>EZH2-D664IKVYEKYMCSF	106	33
>EZH2-D664IKVYDKYMCSI	63	>EZH2-D664IKVYEKYMCSF	156	93
>EZH2-D664IKVYDKYMCSI	85	>EZH2-D664IKVYEKYMCSF	103	18
>EZH2-D664IKVYDKYMCSI	296	>EZH2-D664IKVYEKYMCSF	324	28
>EZH2-D664IKVYDKYMCSI	22	>EZH2-D664IKVYEKYMCSF	17	5
>EZH2-D664IKVYDKYMCSI	80	>EZH2-D664IKVYEKYMCSF	95	15
>EZH2-D664IKVYDKYMCSI	34	>EZH2-D664IKVYEKYMCSF	27	7
>EZH2-D664IKVYDKYMCSI	8	>EZH2-D664IKVYEKYMCSF	7	1
>EZH2-D664IKVYDKYMCSI	60	>EZH2-D664IKVYEKYMCSF	68	8
>EZH2-D664IKVYDKYMCSI	73	>EZH2-D664IKVYEKYMCSF	62	11
>EZH2-D664IKVYDKYMCSI	217	>EZH2-D664IKVYEKYMCSF	277	60
>EZH2-D664IKVYDKYMCSI	138	>EZH2-D664IKVYEKYMCSF	301	163
>EZH2-D664IGKVYDKYM	310	>EZH2-D664IGKVYEKYM	213	97
>EZH2-D664IGKVYDKYMC	11	>EZH2-D664IGKVYEKYM	10	1
>EZH2-D664IRGKVYDKY	467	>EZH2-D664IRGKVYEKY	692	225
>EZH2-D664IRRGKVYDKY	676	>EZH2-D664IRRGKVYEKY	334	342
>EZH2-D664IRRGKVYDKYM	752	>EZH2-D664IRRGKVYEKYM	495	257
>EZH2-D664IRRGKVYDK	217	>EZH2-D664IRRGKVYEK	95	122
>EZH2-D664IRRGKVYDKY	197	>EZH2-D664IRRGKVYEKY	111	86
>EZH2-D664IRRGKVYDKYM	46	>EZH2-D664IRRGKVYEKYM	53	7
>EZH2-D664IRRGKVYDK	78	>EZH2-D664IRRGKVYEK	77	1
>EZH2-D664IRRGKVYDKY	348	>EZH2-D664IRRGKVYEKY	328	20
>EZH2-D664IRRGKVYDKYM	83	>EZH2-D664IRRGKVYEKYM	92	9
>EZH2-D664IRRGKVYDKYM	373	>EZH2-D664IRRGKVYEKYM	429	56
>EZH2-D664IRRGKVYDKYM	59	>EZH2-D664IRRGKVYEKYM	63	4
>EZH2-D664IDRRGKVYDK	622	>EZH2-D664IDRRGKVYEKY	441	181
>EZH2-D664IDRRGKVYDI	664	>EZH2-D664IDRRGKVYEI	238	426
>EZH2-D664IEADRRGKVYI	1204	>EZH2-D664IEADRRGKVYE	499	705
>EZH2-D664\DKYMCSFL	7201	>EZH2-D664\VKYMCSFL	145	7056
>EZH2-D664\DKYMCSFLF	3395	>EZH2-D664\VKYMCSFLF	150	3245
>EZH2-D664\DKYMCSFLFM	1530	>EZH2-D664\VKYMCSFLFM	65	1465
>EZH2-D664\DKYMCSFLF	2948	>EZH2-D664\VKYMCSFLF	276	2672
>EZH2-D664\DKYMCSFL	305	>EZH2-D664\VKYMCSFL	14	291
>EZH2-D664\DKYMCSFLF	44	>EZH2-D664\VKYMCSFLF	4	40
>EZH2-D664\DKYMCSFLFM	304	>EZH2-D664\VKYMCSFLFM	20	284
>EZH2-D664\DKYMCSFLF	4608	>EZH2-D664\VKYMCSFLF	345	4263
>EZH2-D664\YDKYMCSFL	183	>EZH2-D664\YVKYMCSFL	3519	3336
>EZH2-D664\YDKYMCSFL	6724	>EZH2-D664\YVKYMCSFL	97	6627
>EZH2-D664\YDKYMCSFL	8126	>EZH2-D664\YVKYMCSFL	47	8079
>EZH2-D664\YDKYMCSFL	15728	>EZH2-D664\YVKYMCSFL	449	15279
>EZH2-D664\YDKYMCSF	6017	>EZH2-D664\YVKYMCSF	125	5892

>EZH2-D664\YDKYMCSF	17846	>EZH2-D664\YVKYMCSF	342	17504
>EZH2-D664\YDKYMCSF	20519	>EZH2-D664\YVKYMCSF	309	20210
>EZH2-D664\YDKYMCSFLF	2419	>EZH2-D664\YVKYMCSFLF	321	2098
>EZH2-D664\YDKYMCSFL	11739	>EZH2-D664\YVKYMCSFL	417	11322
>EZH2-D664\YDKYMCSF	1451	>EZH2-D664\YVKYMCSF	210	1241
>EZH2-D664\YDKYMCSFL	2146	>EZH2-D664\YVKYMCSFL	308	1838
>EZH2-D664\YDKYMCSF	355	>EZH2-D664\YVKYMCSF	31	324
>EZH2-D664\YDKYMCSFLF	2577	>EZH2-D664\YVKYMCSFLF	81	2496
>EZH2-D664\YDKYMCSF	100	>EZH2-D664\YVKYMCSF	33	67
>EZH2-D664\YDKYMCSFLF	442	>EZH2-D664\YVKYMCSFLF	122	320
>EZH2-D664\YDKYMCSF	11622	>EZH2-D664\YVKYMCSF	93	11529
>EZH2-D664\YDKYMCSFLF	14389	>EZH2-D664\YVKYMCSFLF	187	14202
>EZH2-D664\YDKYMCSF	489	>EZH2-D664\YVKYMCSF	19640	19151
>EZH2-D664\YDKYMCSFL	433	>EZH2-D664\YVKYMCSFL	24354	23921
>EZH2-D664\YDKYMCSFL	39	>EZH2-D664\YVKYMCSFL	7	32
>EZH2-D664\YDKYMCSFLF	173	>EZH2-D664\YVKYMCSFLF	35	138
>EZH2-D664\YDKYMCSFL	349	>EZH2-D664\YVKYMCSFL	14450	14101
>EZH2-D664\DEADRRGKV'	16778	>EZH2-D664\DEADRRGKV'	102	16676
>EZH2-D664\DEADRRGKV'	1327	>EZH2-D664\DEADRRGKV'	421	906
>EZH2-D664\VYDKYMCSF	2369	>EZH2-D664\VYVKYMCSF	299	2070
>EZH2-D664\VYDKYMCSFL	2017	>EZH2-D664\VYVKYMCSFL	308	1709
>EZH2-D664\VYDKYMCSFL	1155	>EZH2-D664\VYVKYMCSFL	118	1037
>EZH2-D664\VYDKYMCSF	837	>EZH2-D664\VYVKYMCSF	96	741
>EZH2-D664\VYDKYMCSFL	63	>EZH2-D664\VYVKYMCSFL	23	40
>EZH2-D664\VYDKYMCSFL	114	>EZH2-D664\VYVKYMCSFL	24	90
>EZH2-D664\VYDKYMCSF	466	>EZH2-D664\VYVKYMCSF	158	308
>EZH2-D664\VYDKYMCSFL	82	>EZH2-D664\VYVKYMCSFL	49	33
>EZH2-D664\VYDKYMCSFL	63	>EZH2-D664\VYVKYMCSFL	27	36
>EZH2-D664\VYDKYMCSF	17	>EZH2-D664\VYVKYMCSF	10	7
>EZH2-D664\VYDKYMCSFL	84	>EZH2-D664\VYVKYMCSFL	29	55
>EZH2-D664\VYDKYMCSFL	15	>EZH2-D664\VYVKYMCSFL	9	6
>EZH2-D664\VYDKYMCSF	23589	>EZH2-D664\VYVKYMCSF	390	23199
>EZH2-D664\VYDKYMCSFL	338	>EZH2-D664\VYVKYMCSFL	340	2
>EZH2-D664\VYDKYMCSFL	2123	>EZH2-D664\VYVKYMCSFL	438	1685
>EZH2-D664\VYDKYMCSF	2246	>EZH2-D664\VYVKYMCSF	157	2089
>EZH2-D664\VYDKYMCSFL	531	>EZH2-D664\VYVKYMCSFL	338	193
>EZH2-D664\KVYDKYMCSI	410	>EZH2-D664\KVYVKYMCSF	1664	1254
>EZH2-D664\KVYDKYMCSI	44	>EZH2-D664\KVYVKYMCSF	36	8
>EZH2-D664\KVYDKYMCSI	61	>EZH2-D664\KVYVKYMCSF	620	559
>EZH2-D664\KVYDKYMCSI	33	>EZH2-D664\KVYVKYMCSF	174	141
>EZH2-D664\KVYDKYMCSI	26	>EZH2-D664\KVYVKYMCSF	133	107
>EZH2-D664\KVYDKYMCSI	26	>EZH2-D664\KVYVKYMCSF	109	83
>EZH2-D664\KVYDKYMC	271	>EZH2-D664\KVYVKYMC	1719	1448

>EZH2-D664\KVYDKYMCSI	112	>EZH2-D664\KVYVKYMCSF	1169	1057
>EZH2-D664\KVYDKYMCSI	139	>EZH2-D664\KVYVKYMCSF	808	669
>EZH2-D664\KVYDKYMCSI	63	>EZH2-D664\KVYVKYMCSF	1009	946
>EZH2-D664\KVYDKYMCS	625	>EZH2-D664\KVYVKYMCS	400	225
>EZH2-D664\KVYDKYMCSI	85	>EZH2-D664\KVYVKYMCSF	62	23
>EZH2-D664\KVYDKYMCSI	296	>EZH2-D664\KVYVKYMCSF	198	98
>EZH2-D664\KVYDKYMCSI	22	>EZH2-D664\KVYVKYMCSF	29	7
>EZH2-D664\KVYDKYMCSI	80	>EZH2-D664\KVYVKYMCSF	102	22
>EZH2-D664\KVYDKYMCSI	34	>EZH2-D664\KVYVKYMCSF	25	9
>EZH2-D664\KVYDKYMCSI	8	>EZH2-D664\KVYVKYMCSF	10	2
>EZH2-D664\KVYDKYMCSI	60	>EZH2-D664\KVYVKYMCSF	114	54
>EZH2-D664\KVYDKYMCSI	73	>EZH2-D664\KVYVKYMCSF	49	24
>EZH2-D664\KVYDKYMCSI	217	>EZH2-D664\KVYVKYMCSF	185	32
>EZH2-D664\KVYDKYMCSI	138	>EZH2-D664\KVYVKYMCSF	156	18
>EZH2-D664\GKVYDKYM	310	>EZH2-D664\GKVYVKYM	153	157
>EZH2-D664\GKVYDKYMC	11	>EZH2-D664\GKVYVKYMC	13	2
>EZH2-D664\RGKVYDKYM	565	>EZH2-D664\RGKVYVKYM	123	442
>EZH2-D664\RGKVYDKY	467	>EZH2-D664\RGKVYVKY	684	217
>EZH2-D664\RGKVYDKY	1049	>EZH2-D664\RGKVYVKY	270	779
>EZH2-D664\RRGKVYDKY	676	>EZH2-D664\RRGKVYVKY	101	575
>EZH2-D664\RRGKVYDKY\	752	>EZH2-D664\RRGKVYVKY\	209	543
>EZH2-D664\RRGKVYDK	217	>EZH2-D664\RRGKVYVK	77	140
>EZH2-D664\RRGKVYDKY	197	>EZH2-D664\RRGKVYVKY	62	135
>EZH2-D664\RRGKVYDKY\	46	>EZH2-D664\RRGKVYVKY\	46	0
>EZH2-D664\RRGKVYDK	78	>EZH2-D664\RRGKVYVK	158	80
>EZH2-D664\RRGKVYDKY	348	>EZH2-D664\RRGKVYVKY	203	145
>EZH2-D664\RRGKVYDKY\	83	>EZH2-D664\RRGKVYVKY\	86	3
>EZH2-D664\RRGKVYDKY\	373	>EZH2-D664\RRGKVYVKY\	212	161
>EZH2-D664\RRGKVYDKY	977	>EZH2-D664\RRGKVYVKY	391	586
>EZH2-D664\RRGKVYDKY\	59	>EZH2-D664\RRGKVYVKY\	54	5
>EZH2-D664\RRGKVYDKY\	817	>EZH2-D664\RRGKVYVKY\	450	367
>EZH2-D664\DRRGKVYDK\	622	>EZH2-D664\DRRGKVYVK\	279	343
>EZH2-D664\ADRRGKVYDI	664	>EZH2-D664\ADRRGKVYVI	238	426
>EZH2-D664\EADRRGKVYI	19905	>EZH2-D664\EADRRGKVY\	126	19779
>EZH2-E249\KQQLPGAL	3235	>EZH2-E249\KQQLPGAL	216	3019
>EZH2-E249\KQQLPGAL	1281	>EZH2-E249\KQQLPGAL	212	1069
>EZH2-E249\KTEQQLPGAL	386	>EZH2-E249\KTKQQLPGAL	132	254
>EZH2-E249\KTEQQLPGAL	261	>EZH2-E249\KTKQQLPGAL	19936	19675
>EZH2-E249\KTEQQLPGAL	121	>EZH2-E249\KTKQQLPGAL	28894	28773
>EZH2-E249\KTEQQLPGA	40	>EZH2-E249\KTKQQLPGA	18523	18483
>EZH2-E249\KTEQQLPGAL	249	>EZH2-E249\KTKQQLPGAL	19132	18883
>EZH2-E249\KLTEQQLPG	12671	>EZH2-E249\KLTQQLPG	377	12294
>EZH2-E249\KLTEQQLPGA	9859	>EZH2-E249\KLTQQLPGA	85	9774

>EZH2-E249K LTEQQLP GAL	104	>EZH2-E249K LTKQQLP GAL	42	62
>EZH2-E249K LTEQQLP GAL	133	>EZH2-E249K LTKQQLP GAL	103	30
>EZH2-E249K ELTEQQLP GA	353	>EZH2-E249K ELTKQQLP GA	2543	2190
>EZH2-E249K ELTEQQLP GA	260	>EZH2-E249K ELTKQQLP GA	2055	1795
>EZH2-E249K ELTEQQLP GA	116	>EZH2-E249K ELTKQQLP GA	604	488
>EZH2-E249K ELTEQQLP GA	22	>EZH2-E249K ELTKQQLP GA	101	79
>EZH2-E249K ELTEQQLP GA	95	>EZH2-E249K ELTKQQLP GA	510	415
>EZH2-E249K ELTEQQLP GA	242	>EZH2-E249K ELTKQQLP GA	1389	1147
>EZH2-E249K KELTEQQ L	163	>EZH2-E249K KELTKQQ L	164	1
>EZH2-E249K KELTEQQ L	133	>EZH2-E249K KELTKQQ L	136	3
>EZH2-E249K KELTEQQ L PG	416	>EZH2-E249K KELTKQQ L PG	405	11
>EZH2-E249K KELTEQQ L PG	57	>EZH2-E249K KELTKQQ L PG	60	3
>EZH2-E249K KELTEQQ L PG	64	>EZH2-E249K KELTKQQ L PG	92	28
>EZH2-E249K KELTEQQ L	1222	>EZH2-E249K KELTKQQ L	329	893
>EZH2-E249K YKELTEQQ L	359	>EZH2-E249K YKELTKQQ L	225	134
>EZH2-E249K KYKELTEQQ L	33	>EZH2-E249K KYKELTKQQ L	45	12
>EZH2-E249K KYKELTEQQ L	16	>EZH2-E249K KYKELTKQQ L	23	7
>EZH2-E249K KYKELTEQQ	1475	>EZH2-E249K KYKELTKQQ	312	1163
>EZH2-E249K KYKELTEQQ L	123	>EZH2-E249K KYKELTKQQ L	42	81
>EZH2-E249K KYKELTEQQ L	768	>EZH2-E249K KYKELTKQQ L	322	446
>EZH2-E249K EKYKELTEQQ	122	>EZH2-E249K EKYKELTKQQ	172	50
>EZH2-E249K KEKYKELTE	13917	>EZH2-E249K KEKYKELTK	323	13594
>EZH2-F145C TFIEELIK NY	30	>EZH2-F145C TCIEELIK NY	11	19
>EZH2-F145C TFIEELIK NY	420	>EZH2-F145C TCIEELIK NY	292	128
>EZH2-F145C TFIEELIK NY	390	>EZH2-F145C TCIEELIK NY	2773	2383
>EZH2-F145C GTFIEELIK	23	>EZH2-F145C GTCIEELIK	58	35
>EZH2-F145C GTFIEELIK NY	101	>EZH2-F145C GTCIEELIK NY	593	492
>EZH2-F145C GTFIEELIK NY	353	>EZH2-F145C GTCIEELIK NY	772	419
>EZH2-F145C GTFIEELIK	274	>EZH2-F145C GTCIEELIK	2589	2315
>EZH2-F145C GTFIEELIK NY	6	>EZH2-F145C GTCIEELIK NY	16	10
>EZH2-F145C GTFIEELIK NY	43	>EZH2-F145C GTCIEELIK NY	408	365
>EZH2-F145C GTFIEELIK NY	424	>EZH2-F145C GTCIEELIK NY	1173	749
>EZH2-F145C GTFIEELIK	69	>EZH2-F145C GTCIEELIK	347	278
>EZH2-F145C GTFIEELIK NY	294	>EZH2-F145C GTCIEELIK NY	2039	1745
>EZH2-F145C GTFIEELI	46	>EZH2-F145C GTCIEELI	143	97
>EZH2-F145C QDGT FIEELI	258	>EZH2-F145C QDGT CIEELI	618	360
>EZH2-F145C QDGT FIEELI	162	>EZH2-F145C QDGT CIEELI	280	118
>EZH2-F145C LDQDGT FI	344	>EZH2-F145C LDQDGT CI	1203	859
>EZH2-F145C LDQDGT FI	161	>EZH2-F145C LDQDGT CI	609	448
>EZH2-F145C VLDQDGT FI	435	>EZH2-F145C VLDQDGT CI	2545	2110
>EZH2-F145C VLDQDGT FI	146	>EZH2-F145C VLDQDGT CI	1382	1236
>EZH2-F145C VLDQDGT FI	281	>EZH2-F145C VLDQDGT CI	3276	2995
>EZH2-F145C VLDQDGT F	2412	>EZH2-F145C VLDQDGT C	202	2210

>EZH2-F145C VLDQDGTFI	9	>EZH2-F145C VLDQDGTCT	65	56
>EZH2-F145C VLDQDGTFI	35	>EZH2-F145C VLDQDGTCT	98	63
>EZH2-F145C VLDQDGTFI	10	>EZH2-F145C VLDQDGTCT	26	16
>EZH2-F145C VLDQDGTFI	142	>EZH2-F145C VLDQDGTCT	389	247
>EZH2-F145C VLDQDGTG	6556	>EZH2-F145C VLDQDGTCT	296	6260
>EZH2-F145C VLDQDGTFI	19	>EZH2-F145C VLDQDGTCT	51	32
>EZH2-F145C EVLDQDGTG	319	>EZH2-F145C EVLDQDGTCT	9596	9277
>EZH2-F145C EVLDQDGTG	74	>EZH2-F145C EVLDQDGTCT	6320	6246
>EZH2-F145C EVLDQDGTG	16	>EZH2-F145C EVLDQDGTCT	10854	10838
>EZH2-F145C EVLDQDGTFI	412	>EZH2-F145C EVLDQDGTCT	1382	970
>EZH2-F145C EVLDQDGTFI	25	>EZH2-F145C EVLDQDGTCT	276	251
>EZH2-F145C EVLDQDGTG	404	>EZH2-F145C EVLDQDGTCT	25991	25587
>EZH2-F145C EVLDQDGTG	49	>EZH2-F145C EVLDQDGTCT	9343	9294
>EZH2-F145C DEVLDQDGTI	20	>EZH2-F145C DEVLDQDGTCT	57	37
>EZH2-G660I GKVYDKYM	310	>EZH2-G660I RRVYDKYM	16	294
>EZH2-G660I GKVYDKYMC	11	>EZH2-G660I RRVYDKYMC	3	8
>EZH2-G660I RGKVYDKY	467	>EZH2-G660I RRVYDKY	1494	1027
>EZH2-G660I RGKVYDKY	3461	>EZH2-G660I RRVYDKY	122	3339
>EZH2-G660I RGKVYDKYM	4406	>EZH2-G660I RRVYDKYM	112	4294
>EZH2-G660I RGKVYDKY	19123	>EZH2-G660I RRVYDKY	95	19028
>EZH2-G660I RGKVYDKYM	17740	>EZH2-G660I RRVYDKYM	62	17678
>EZH2-G660I RGKVYDKYM	30082	>EZH2-G660I RRVYDKYM	364	29718
>EZH2-G660I RGKVYDKY	27793	>EZH2-G660I RRVYDKY	273	27520
>EZH2-G660I RGKVYDKYM	14354	>EZH2-G660I RRVYDKYM	182	14172
>EZH2-G660I RGKVYDKYM	22775	>EZH2-G660I RRVYDKYM	478	22297
>EZH2-G660I RGKVYDKYM	25406	>EZH2-G660I RRVYDKYM	236	25170
>EZH2-G660I IISQDEADRRF	39451	>EZH2-G660I IISQDEADRRF	244	39207
>EZH2-G660I RRGKVYDK	9573	>EZH2-G660I RRRKVYDK	29	9544
>EZH2-G660I RRGKVYDKY	676	>EZH2-G660I RRRKVYDKY	89	587
>EZH2-G660I RRGKVYDKYM	752	>EZH2-G660I RRRKVYDKYM	83	669
>EZH2-G660I RRGKVYDK	217	>EZH2-G660I RRRKVYDK	91	126
>EZH2-G660I RRGKVYDKY	197	>EZH2-G660I RRRKVYDKY	96	101
>EZH2-G660I RRGKVYDKYM	46	>EZH2-G660I RRRKVYDKYM	21	25
>EZH2-G660I RRGKVYDKY	4138	>EZH2-G660I RRRKVYDKY	327	3811
>EZH2-G660I RRGKVYDK	78	>EZH2-G660I RRRKVYDK	38	40
>EZH2-G660I RRGKVYDKY	348	>EZH2-G660I RRRKVYDKY	92	256
>EZH2-G660I RRGKVYDKYM	83	>EZH2-G660I RRRKVYDKYM	28	55
>EZH2-G660I RRGKVYDKYM	373	>EZH2-G660I RRRKVYDKYM	71	302
>EZH2-G660I RRGKVYDKY	977	>EZH2-G660I RRRKVYDKY	361	616
>EZH2-G660I RRGKVYDKYM	59	>EZH2-G660I RRRKVYDKYM	28	31
>EZH2-G660I RRGKVYDKYM	817	>EZH2-G660I RRRKVYDKYM	289	528
>EZH2-G660I ADRRGKVYDI	664	>EZH2-G660I ADRRRKVYDI	384	280
>EZH2-G660I DEADRRGKV	212	>EZH2-G660I DEADRRRKV	146	66

>EZH2-G660ISQDEADRRG	183	>EZH2-G660ISQDEADRRRI	261	78
>EZH2-G660ISQDEADRRG	421	>EZH2-G660ISQDEADRRRI	434	13
>EZH2-G660ISQDEADRRG	297	>EZH2-G660ISQDEADRRRI	470	173
>EZH2-G660ISQDEADRRG	544	>EZH2-G660ISQDEADRRR	488	56
>EZH2-H297IHRKCNYSFHA	316	>EZH2-H297IRRKCNYSFHA	85	231
>EZH2-H297IHRKCNYSF	11	>EZH2-H297IRRKCNYSF	4	7
>EZH2-H297IHRKCNYSFH	622	>EZH2-H297IRRKCNYSFH	131	491
>EZH2-H297IHRKCNYSFHA	1255	>EZH2-H297IRRKCNYSFHA	251	1004
>EZH2-H297IHRKCNYSFHA	1147	>EZH2-H297IRRKCNYSFHA	231	916
>EZH2-H297IHRKCNYSF	230	>EZH2-H297IRRKCNYSF	74	156
>EZH2-H297IHRKCNYSFH	903	>EZH2-H297IRRKCNYSFH	275	628
>EZH2-H297IHRKCNYSFHA	912	>EZH2-H297IRRKCNYSFHA	334	578
>EZH2-H297IHRKCNYSFHA	1782	>EZH2-H297IRRKCNYSFHA	409	1373
>EZH2-H297IHRKCNYSF	3888	>EZH2-H297IRRKCNYSF	75	3813
>EZH2-H297IHRKCNYSFH	3888	>EZH2-H297IRRKCNYSFH	109	3779
>EZH2-H297IHRKCNYSFHA	1595	>EZH2-H297IRRKCNYSFHA	97	1498
>EZH2-H297IHRKCNYSFHA	6556	>EZH2-H297IRRKCNYSFHA	194	6362
>EZH2-H297IHRKCNYSFH	2639	>EZH2-H297IRRKCNYSFH	418	2221
>EZH2-H297IHRKCNYSFHA	2891	>EZH2-H297IRRKCNYSFHA	149	2742
>EZH2-H297ILHRKCNYSF	363	>EZH2-H297ILRRKCNYSF	1435	1072
>EZH2-H297ILHRKCNYSF	7	>EZH2-H297ILRRKCNYSF	10	3
>EZH2-H297ILHRKCNYSFH	712	>EZH2-H297ILRRKCNYSFH	449	263
>EZH2-H297ILHRKCNYSFH	13872	>EZH2-H297ILRRKCNYSFH	228	13644
>EZH2-H297ILHRKCNYSF	217	>EZH2-H297ILRRKCNYSF	798	581
>EZH2-H297IRRCFKYDCFLI	283	>EZH2-H297IRRCFKYDCFLI	447	164
>EZH2-H297IRRCFKYDCFLI	264	>EZH2-H297IRRCFKYDCFLI	225	39
>EZH2-H297IRRCFKYDCFLI	27848	>EZH2-H297IRRCFKYDCFLI	193	27655
>EZH2-H297IFLHRKCNYS	194	>EZH2-H297IFLRRKCNYS	985	791
>EZH2-H297IFLHRKCNYS	315	>EZH2-H297IFLRRKCNYS	695	380
>EZH2-H297IFLHRKCNYS	386	>EZH2-H297IFLRRKCNYS	1077	691
>EZH2-H297IFLHRKCNYS	419	>EZH2-H297IFLRRKCNYS	1023	604
>EZH2-H297IFLHRKCNYS	345	>EZH2-H297IFLRRKCNYS	788	443
>EZH2-H297IFLHRKCNYS	1175	>EZH2-H297IFLRRKCNYS	401	774
>EZH2-H297IFLHRKCNYS	878	>EZH2-H297IFLRRKCNYS	325	553
>EZH2-H297IFLHRKCNYS	167	>EZH2-H297IFLRRKCNYS	107	60
>EZH2-H297IFLHRKCNYSF	67	>EZH2-H297IFLRRKCNYSF	49	18
>EZH2-H297IFLHRKCNYS	113	>EZH2-H297IFLRRKCNYS	93	20
>EZH2-H297IFLHRKCNYSF	211	>EZH2-H297IFLRRKCNYSF	167	44
>EZH2-H297IFLHRKCNYS	170	>EZH2-H297IFLRRKCNYS	99	71
>EZH2-H297IFLHRKCNYSF	18	>EZH2-H297IFLRRKCNYSF	11	7
>EZH2-H297IFLHRKCNYSF	542	>EZH2-H297IFLRRKCNYSF	270	272
>EZH2-H297IFLHRKCNYS	88	>EZH2-H297IFLRRKCNYS	81	7
>EZH2-H297IFLHRKCNYS	513	>EZH2-H297IFLRRKCNYS	325	188

>EZH2-H297I CFLHRKCNYS	9	>EZH2-H297I CFLRRKCNYS	7	2
>EZH2-H297I DCFLHRKCNYS	635	>EZH2-H297I DCFLRRKCNYS	430	205
>EZH2-H297I KYDCFLHRK	328	>EZH2-H297I KYDCFLRRK	3215	2887
>EZH2-H297I KYDCFLHRK	426	>EZH2-H297I KYDCFLRRK	7905	7479
>EZH2-H297I KYDCFLHR	27	>EZH2-H297I KYDCFLRR	73	46
>EZH2-H297I KYDCFLHRK	306	>EZH2-H297I KYDCFLRRK	1984	1678
>EZH2-H297I KYDCFLHRK	426	>EZH2-H297I KYDCFLRRK	1436	1010
>EZH2-H297I KYDCFLHR	8	>EZH2-H297I KYDCFLRR	10	2
>EZH2-H297I KYDCFLHRK	30	>EZH2-H297I KYDCFLRRK	160	130
>EZH2-H297I FKYDCFLH	8617	>EZH2-H297I FKYDCFLR	56	8561
>EZH2-H297I FKYDCFLHR	214	>EZH2-H297I FKYDCFLRR	257	43
>EZH2-H297I FKYDCFLH	139	>EZH2-H297I FKYDCFLR	187	48
>EZH2-H297I FKYDCFLHR	29	>EZH2-H297I FKYDCFLRR	100	71
>EZH2-H297I FKYDCFLHRK	185	>EZH2-H297I FKYDCFLRRK	277	92
>EZH2-H297I FKYDCFLH	17389	>EZH2-H297I FKYDCFLR	88	17301
>EZH2-H297I FKYDCFLHR	14	>EZH2-H297I FKYDCFLRR	22	8
>EZH2-H297I FKYDCFLHRK	384	>EZH2-H297I FKYDCFLRRK	1570	1186
>EZH2-H297I CFKYDCFLHR	347	>EZH2-H297I CFKYDCFLRR	391	44
>EZH2-H297I CFKYDCFLH	2241	>EZH2-H297I CFKYDCFLR	11	2230
>EZH2-H297I CFKYDCFLHR	18	>EZH2-H297I CFKYDCFLRR	19	1
>EZH2-H297I CFKYDCFLHR	160	>EZH2-H297I CFKYDCFLRR	547	387
>EZH2-H297I CFKYDCFLH	3582	>EZH2-H297I CFKYDCFLR	15	3567
>EZH2-H297I CFKYDCFLHR	59	>EZH2-H297I CFKYDCFLRR	60	1
>EZH2-H297I CFKYDCFLH	14292	>EZH2-H297I CFKYDCFLR	91	14201
>EZH2-H297I CFKYDCFLHR	53	>EZH2-H297I CFKYDCFLRR	209	156
>EZH2-H297I CFKYDCFLH	22466	>EZH2-H297I CFKYDCFLR	121	22345
>EZH2-H297I CFKYDCFLHR	36	>EZH2-H297I CFKYDCFLRR	52	16
>EZH2-H297I RCFKYDCFLH	3497	>EZH2-H297I RCFKYDCFLR	22	3475
>EZH2-H297I RCFKYDCFLH	18	>EZH2-H297I RCFKYDCFLR	28	10
>EZH2-H297I RCFKYDCFLH	16896	>EZH2-H297I RCFKYDCFLR	130	16766
>EZH2-H297I RCFKYDCFLH	2442	>EZH2-H297I RCFKYDCFLR	21	2421
>EZH2-H297I RCFKYDCFLH	10	>EZH2-H297I RCFKYDCFLR	12	2
>EZH2-I713T RIGIFAKR	1402	>EZH2-I713T RTGIFAKR	433	969
>EZH2-I713T RIGIFAKR	25	>EZH2-I713T RTGIFAKR	14	11
>EZH2-I713T RIGIFAKRAI	181	>EZH2-I713T RTGIFAKRAI	71	110
>EZH2-I713T RIGIFAKR	1141	>EZH2-I713T RTGIFAKR	250	891
>EZH2-I713T RIGIFAKRAI	7978	>EZH2-I713T RTGIFAKRAI	71	7907
>EZH2-I713T RIGIFAKRAI	13857	>EZH2-I713T RTGIFAKRAI	388	13469
>EZH2-I713T RIGIFAKR	19	>EZH2-I713T RTGIFAKR	35	16
>EZH2-I713T KVMMVNGD	496	>EZH2-I713T KVMMVNGD	6197	5701
>EZH2-I713T KVMMVNGD	209	>EZH2-I713T KVMMVNGD	2423	2214
>EZH2-I713T KVMMVNGD	43	>EZH2-I713T KVMMVNGD	3994	3951
>EZH2-I713T KVMMVNGD	170	>EZH2-I713T KVMMVNGD	13625	13455

>EZH2-I713T·KVMVMVNGD	323	>EZH2-I713T·KVMVMVNGD	39286	38963
>EZH2-I713T·HRIGIFAKR	142	>EZH2-I713T·HRTGIFAKR	402	260
>EZH2-I713T·HRIGIFAK	23	>EZH2-I713T·HRTGIFAK	25	2
>EZH2-I713T·HRIGIFAKR	27	>EZH2-I713T·HRTGIFAKR	28	1
>EZH2-I713T·HRIGIFAKRA	76	>EZH2-I713T·HRTGIFAKRA	255	179
>EZH2-I713T·HRIGIFAKRAI	51	>EZH2-I713T·HRTGIFAKRA	63	12
>EZH2-I713T·HRIGIFAKRAI	148	>EZH2-I713T·HRTGIFAKRA	850	702
>EZH2-I713T·HRIGIFAKRAI	149	>EZH2-I713T·HRTGIFAKRA	249	100
>EZH2-I713T·HRIGIFAKR	28	>EZH2-I713T·HRTGIFAKR	43	15
>EZH2-I713T·MVNGDHRI	461	>EZH2-I713T·MVNGDHRT	6650	6189
>EZH2-I713T·MVNGDHRI	355	>EZH2-I713T·MVNGDHRT	6360	6005
>EZH2-I713T·MVNGDHRI	112	>EZH2-I713T·MVNGDHRT	1271	1159
>EZH2-I713T·MVNGDHRIG	534	>EZH2-I713T·MVNGDHRTC	356	178
>EZH2-I713T·MVNGDHRIG	371	>EZH2-I713T·MVNGDHRTC	610	239
>EZH2-I713T·MVNGDHRIG	654	>EZH2-I713T·MVNGDHRTC	390	264
>EZH2-I713T·MVNGDHRI	31	>EZH2-I713T·MVNGDHRT	922	891
>EZH2-I713T·MVNGDHRIG	261	>EZH2-I713T·MVNGDHRTC	680	419
>EZH2-I713T·MVNGDHRIG	573	>EZH2-I713T·MVNGDHRTC	412	161
>EZH2-I713T·MVNGDHRIG	215	>EZH2-I713T·MVNGDHRTC	99	116
>EZH2-I713T·MVNGDHRIG	364	>EZH2-I713T·MVNGDHRTC	339	25
>EZH2-I713T·MMVNGDHR	65	>EZH2-I713T·MMVNGDHR	1495	1430
>EZH2-I713T·MMVNGDHR	58	>EZH2-I713T·MMVNGDHR	105	47
>EZH2-I713T·MMVNGDHR	54	>EZH2-I713T·MMVNGDHR	1511	1457
>EZH2-I713T·MMVNGDHR	72	>EZH2-I713T·MMVNGDHR	43	29
>EZH2-I713T·MMVNGDHR	29	>EZH2-I713T·MMVNGDHR	552	523
>EZH2-I713T·MMVNGDHR	17	>EZH2-I713T·MMVNGDHR	9	8
>EZH2-I713T·MMVNGDHR	41	>EZH2-I713T·MMVNGDHR	554	513
>EZH2-I713T·MMVNGDHR	23	>EZH2-I713T·MMVNGDHR	23	0
>EZH2-I713T·MMVNGDHR	6	>EZH2-I713T·MMVNGDHR	88	82
>EZH2-I713T·MMVNGDHR	8	>EZH2-I713T·MMVNGDHR	12	4
>EZH2-I713T·MMVNGDHR	8	>EZH2-I713T·MMVNGDHR	511	503
>EZH2-I713T·MMVNGDHR	18	>EZH2-I713T·MMVNGDHR	35	17
>EZH2-I713T·MMVNGDHR	22	>EZH2-I713T·MMVNGDHR	733	711
>EZH2-I713T·MMVNGDHR	55	>EZH2-I713T·MMVNGDHR	85	30
>EZH2-I713T·MMVNGDHR	88	>EZH2-I713T·MMVNGDHR	3968	3880
>EZH2-I713T·MMVNGDHR	328	>EZH2-I713T·MMVNGDHR	494	166
>EZH2-I713T·MMVNGDHR	4	>EZH2-I713T·MMVNGDHR	11	7
>EZH2-I713T·MMVNGDHR	6	>EZH2-I713T·MMVNGDHR	6	0
>EZH2-I713T·MMVNGDHR	189	>EZH2-I713T·MMVNGDHR	21463	21274
>EZH2-I713T·MMVNGDHR	439	>EZH2-I713T·MMVNGDHR	7404	6965
>EZH2-I713T·MMVNGDHR	343	>EZH2-I713T·MMVNGDHR	329	14
>EZH2-I713T·MMVNGDHR	468	>EZH2-I713T·MMVNGDHR	289	179
>EZH2-I713T·VMMVNGDH	146	>EZH2-I713T·VMMVNGDH	1287	1141



>EZH2-I713T·VMMVNGDH	198	>EZH2-I713T·VMMVNGDH	950	752
>EZH2-I713T·VMMVNGDH	11	>EZH2-I713T·VMMVNGDH	230	219
>EZH2-I713T·VMMVNGDH	8	>EZH2-I713T·VMMVNGDH	311	303
>EZH2-I713T·VMMVNGDH	69	>EZH2-I713T·VMMVNGDH	1673	1604
>EZH2-I713T·VMMVNGDH	11	>EZH2-I713T·VMMVNGDH	249	238
>EZH2-I713T·VMMVNGDH	20	>EZH2-I713T·VMMVNGDH	119	99
>EZH2-K243C·KYKELTEQQ	33	>EZH2-K243C·QYKELTEQQ	135	102
>EZH2-K243C·KYKELTEQQ	16	>EZH2-K243C·QYKELTEQQ	23	7
>EZH2-K243C·KYKELTEQQ	123	>EZH2-K243C·QYKELTEQQ	3970	3847
>EZH2-K243C·EKYKELTEQQ	122	>EZH2-K243C·EQYKELTEQC	130	8
>EZH2-K243C·ELKEKYKEL	220	>EZH2-K243C·ELKEQYKEL	127	93
>EZH2-K243C·ELKEKYKEL	25	>EZH2-K243C·ELKEQYKEL	117	92
>EZH2-K243C·EELKEKYKEL	86	>EZH2-K243C·EELKEQYKEL	131	45
>EZH2-K243C·EELKEKYKEL	424	>EZH2-K243C·EELKEQYKEL	326	98
>EZH2-K243C·EELKEKYKELT	411	>EZH2-K243C·EELKEQYKELT	215	196
>EZH2-K243C·AEELKEKYKEL	166	>EZH2-K243C·AEELKEQYKE	291	125
>EZH2-K243C·AEELKEKYKEL	319	>EZH2-K243C·AEELKEQYKE	171	148
>EZH2-K243C·AEELKEKYKEL	618	>EZH2-K243C·AEELKEQYKE	383	235
>EZH2-K243C·AEELKEKY	1434	>EZH2-K243C·AEELKEQY	417	1017
>EZH2-K243C·GTAEELKEKY	601	>EZH2-K243C·GTAEELKEQY	447	154
>EZH2-K243C·GTAEELKEK	162	>EZH2-K243C·GTAEELKEQ	27869	27707
>EZH2-K243C·GTAEELKEKYI	68	>EZH2-K243C·GTAEELKEQY	48	20
>EZH2-K243C·GTAEELKEKY	231	>EZH2-K243C·GTAEELKEQY	170	61
>EZH2-K243C·GTAEELKEKYI	290	>EZH2-K243C·GTAEELKEQY	184	106
>EZH2-K243C·GTAEELKEKY	49	>EZH2-K243C·GTAEELKEQY	32	17
>EZH2-K243C·GTAEELKEKY	94	>EZH2-K243C·GTAEELKEQY	129	35
>EZH2-K243C·GTAEELKEK	183	>EZH2-K243C·GTAEELKEQ	3464	3281
>EZH2-K243C·GTAEELKEKYI	238	>EZH2-K243C·GTAEELKEQY	370	132
>EZH2-K243C·KGTAELKEK'	456	>EZH2-K243C·KGTAELKEQ	936	480
>EZH2-K243C·KGTAELKEK'	1299	>EZH2-K243C·KGTAELKEQ	458	841
>EZH2-L252V·QLPGALPPEC	366	>EZH2-L252V·QVPGALPPEC	11060	10694
>EZH2-L252V·QLPGALPPEC	69	>EZH2-L252V·QVPGALPPEC	9769	9700
>EZH2-L252V·EKYKELTEQQ	122	>EZH2-L252V·EKYKELTEQQ	271	149
>EZH2-L252V·QQLPGALPPE	259	>EZH2-L252V·QQVPGALPPI	387	128
>EZH2-L252V·EQQLPGAL	659	>EZH2-L252V·EQQVPGAL	464	195
>EZH2-L252V·TEQQLPGAL	584	>EZH2-L252V·TEQQVPGAL	435	149
>EZH2-L252V·TEQQLPGAL	386	>EZH2-L252V·TEQQVPGAL	290	96
>EZH2-L252V·TEQQLPGAL	261	>EZH2-L252V·TEQQVPGAL	135	126
>EZH2-L252V·TEQQLPGAL	121	>EZH2-L252V·TEQQVPGAL	405	284
>EZH2-L252V·TEQQLPGA	40	>EZH2-L252V·TEQQVPGA	40	0
>EZH2-L252V·TEQQLPGAL	249	>EZH2-L252V·TEQQVPGAL	240	9
>EZH2-L252V·LTEQQLPGAL	104	>EZH2-L252V·LTEQQVPGAI	115	11
>EZH2-L252V·LTEQQLPGAL	133	>EZH2-L252V·LTEQQVPGAI	112	21

>EZH2-L252V ELTEQQQLPGA	353	>EZH2-L252V ELTEQQVPG/	223	130
>EZH2-L252V ELTEQQQLPGA	260	>EZH2-L252V ELTEQQVPG/	138	122
>EZH2-L252V ELTEQQQLPGA	116	>EZH2-L252V ELTEQQVPG/	78	38
>EZH2-L252V ELTEQQQLPGA	510	>EZH2-L252V ELTEQQVPG/	312	198
>EZH2-L252V ELTEQQQLPGA	22	>EZH2-L252V ELTEQQVPG/	19	3
>EZH2-L252V ELTEQQQLPGA	95	>EZH2-L252V ELTEQQVPG/	86	9
>EZH2-L252V ELTEQQQLPGA	242	>EZH2-L252V ELTEQQVPG/	244	2
>EZH2-L252V KELTEQQQL	163	>EZH2-L252V KELTEQQV	1455	1292
>EZH2-L252V KELTEQQQL	133	>EZH2-L252V KELTEQQV	430	297
>EZH2-L252V KELTEQQQLPG	416	>EZH2-L252V KELTEQQVPC	338	78
>EZH2-L252V KELTEQQQLPG	57	>EZH2-L252V KELTEQQVPC	44	13
>EZH2-L252V KELTEQQQLPG	64	>EZH2-L252V KELTEQQVPC	85	21
>EZH2-L252V YKELTEQQQL	359	>EZH2-L252V YKELTEQQV	5214	4855
>EZH2-L252V KYKELTEQQQL	33	>EZH2-L252V KYKELTEQQV	140	107
>EZH2-L252V KYKELTEQQQL	16	>EZH2-L252V KYKELTEQQV	339	323
>EZH2-L252V KYKELTEQQQL	123	>EZH2-L252V KYKELTEQQV	77	46
>EZH2-L674V LNNDFFVDA	148	>EZH2-L674V VNNDFFVDA	359	211
>EZH2-L674V NLNNDFFV	128	>EZH2-L674V NVNNDFFV	3122	2994
>EZH2-L674V NLNNDFFV	35	>EZH2-L674V NVNNDFFV	1549	1514
>EZH2-L674V NLNNDFFV	23	>EZH2-L674V NVNNDFFV	517	494
>EZH2-L674V NLNNDFFV	373	>EZH2-L674V NVNNDFFV	4880	4507
>EZH2-L674V NLNNDFFV	74	>EZH2-L674V NVNNDFFV	118	44
>EZH2-L674V NLNNDFFV	9	>EZH2-L674V NVNNDFFV	502	493
>EZH2-L674V NLNNDFFV	4	>EZH2-L674V NVNNDFFV	259	255
>EZH2-L674V NLNNDFFV	13	>EZH2-L674V NVNNDFFV	727	714
>EZH2-L674V NLNNDFFV	7	>EZH2-L674V NVNNDFFV	349	342
>EZH2-L674V NLNNDFFV	6	>EZH2-L674V NVNNDFFV	248	242
>EZH2-L674V NLNNDFFV	127	>EZH2-L674V NVNNDFFV	9583	9456
>EZH2-L674V NLNNDFFV	387	>EZH2-L674V NVNNDFFV	26	361
>EZH2-L674V NLNNDFFV	654	>EZH2-L674V NVNNDFFV	149	505
>EZH2-L674V DKYMCSFLFM	304	>EZH2-L674V DKYMCSFLFM	569	265
>EZH2-L674V FNLNNDFFV	271	>EZH2-L674V FNVNNDFFV	434	163
>EZH2-L674V FNLNNDFFV	469	>EZH2-L674V FNVNNDFFV	757	288
>EZH2-L674V FNLNNDFFV	295	>EZH2-L674V FNVNNDFFV	389	94
>EZH2-L674V FNLNNDFFV	358	>EZH2-L674V FNVNNDFFV	2141	1783
>EZH2-L674V FNLNNDFFV	442	>EZH2-L674V FNVNNDFFV	2363	1921
>EZH2-L674V FNLNNDFFV	440	>EZH2-L674V FNVNNDFFV	2363	1923
>EZH2-L674V FNLNNDFFV	392	>EZH2-L674V FNVNNDFFV	4095	3703
>EZH2-L674V FNLNNDFFV	435	>EZH2-L674V FNVNNDFFV	4873	4438
>EZH2-L674V FNLNNDFFV	1395	>EZH2-L674V FNVNNDFFV	163	1232
>EZH2-L674V FNLNNDFFV	3060	>EZH2-L674V FNVNNDFFV	469	2591
>EZH2-L674V LFNLNNDFFV	234	>EZH2-L674V LFNVNNDFFV	262	28
>EZH2-L674V LFNLNNDFFV	807	>EZH2-L674V LFNVNNDFFV	303	504

>EZH2-L674V LFNLNNDNF	106	>EZH2-L674V LFNVNNDNF	83	23
>EZH2-L674V LFNLNNDNFV	487	>EZH2-L674V LFNVNNDNFV	431	56
>EZH2-L674V FLFNLNNDNFV	6	>EZH2-L674V FLFNVNNDNFV	7	1
>EZH2-L674V FLFNLNNDNFV	7	>EZH2-L674V FLFNVNNDNFV	7	0
>EZH2-L674V FLFNLNND	71	>EZH2-L674V FLFNVNND	91	20
>EZH2-L674V FLFNLNNDNF	81	>EZH2-L674V FLFNVNNDNF	84	3
>EZH2-L674V FLFNLNNDNFV	5	>EZH2-L674V FLFNVNNDNFV	5	0
>EZH2-L674V FLFNLNNDNFV	3	>EZH2-L674V FLFNVNNDNFV	3	0
>EZH2-L674V FLFNLNNDNFV	9	>EZH2-L674V FLFNVNNDNFV	11	2
>EZH2-L674V FLFNLNNDNFV	5	>EZH2-L674V FLFNVNNDNFV	4	1
>EZH2-L674V FLFNLNNDNF	362	>EZH2-L674V FLFNVNNDNF	271	91
>EZH2-L674V FLFNLNNDNFV	25	>EZH2-L674V FLFNVNNDNFV	29	4
>EZH2-L674V FLFNLNNDNFV	5	>EZH2-L674V FLFNVNNDNFV	5	0
>EZH2-L674V FLFNLNND	1144	>EZH2-L674V FLFNVNND	399	745
>EZH2-L674V FLFNLNNDNF	878	>EZH2-L674V FLFNVNNDNF	216	662
>EZH2-L674V FLFNLNNDNFV	1	>EZH2-L674V FLFNVNNDNFV	1	0
>EZH2-L674V FLFNLNNDNFV	1	>EZH2-L674V FLFNVNNDNFV	1	0
>EZH2-L674V FLFNLNNDNFV	3	>EZH2-L674V FLFNVNNDNFV	2	1
>EZH2-L674V FLFNLNNDNFV	2	>EZH2-L674V FLFNVNNDNFV	2	0
>EZH2-L674V FLFNLNNDNFV	4	>EZH2-L674V FLFNVNNDNFV	4	0
>EZH2-L674V FLFNLNNDNFV	4	>EZH2-L674V FLFNVNNDNFV	4	0
>EZH2-L674V FLFNLNNDNFV	3	>EZH2-L674V FLFNVNNDNFV	3	0
>EZH2-L674V FLFNLNNDNFV	3	>EZH2-L674V FLFNVNNDNFV	3	0
>EZH2-L674V FLFNLNNDNFV	2	>EZH2-L674V FLFNVNNDNFV	2	0
>EZH2-L674V FLFNLNNDNFV	2	>EZH2-L674V FLFNVNNDNFV	2	0
>EZH2-L674V FLFNLNNDNF	895	>EZH2-L674V FLFNVNNDNF	422	473
>EZH2-L674V FLFNLNNDNF	476	>EZH2-L674V FLFNVNNDNF	818	342
>EZH2-L674V FLFNLNNDNF	92	>EZH2-L674V FLFNVNNDNF	76	16
>EZH2-L674V FLFNLNNDNFV	89	>EZH2-L674V FLFNVNNDNFV	82	7
>EZH2-L674V FLFNLNNDNFV	77	>EZH2-L674V FLFNVNNDNFV	52	25
>EZH2-L674V FLFNLNNDNFV	79	>EZH2-L674V FLFNVNNDNFV	75	4
>EZH2-L674V FLFNLNNDNFV	260	>EZH2-L674V FLFNVNNDNFV	263	3
>EZH2-L674V FLFNLNNDNF	73	>EZH2-L674V FLFNVNNDNF	81	8
>EZH2-L674V FLFNLNNDNF	30	>EZH2-L674V FLFNVNNDNF	22	8
>EZH2-L674V FLFNLNNDNFV	552	>EZH2-L674V FLFNVNNDNFV	404	148
>EZH2-L674V FLFNLNNDNF	8	>EZH2-L674V FLFNVNNDNF	7	1
>EZH2-L674V FLFNLNNDNFV	215	>EZH2-L674V FLFNVNNDNFV	207	8
>EZH2-L674V FLFNLNNDNF	215	>EZH2-L674V FLFNVNNDNF	219	4
>EZH2-L674V SFLFNLNNDNF	410	>EZH2-L674V SFLFNVNNDNF	464	54
>EZH2-L674V SFLFNLNNDNF	534	>EZH2-L674V SFLFNVNNDNF	384	150
>EZH2-L674V SFLFNLNNDNF	275	>EZH2-L674V SFLFNVNNDNF	192	83
>EZH2-L674V SFLFNLNNDNF	362	>EZH2-L674V SFLFNVNNDNF	395	33
>EZH2-L674V SFLFNLNNDNF	14	>EZH2-L674V SFLFNVNNDNF	12	2

>EZH2-L674vSFLFNLNND	324	>EZH2-L674vSFLFNVNND	494	170
>EZH2-L674vSFLFNLNND	115	>EZH2-L674vSFLFNVNND	106	9
>EZH2-L674vCSFLFNLNND	241	>EZH2-L674vCSFLFNVNND	318	77
>EZH2-L674vCSFLFNLNND	394	>EZH2-L674vCSFLFNVNND	267	127
>EZH2-L674vCSFLFNLNND	39	>EZH2-L674vCSFLFNVNND	32	7
>EZH2-L674vCSFLFNLNND	61	>EZH2-L674vCSFLFNVNND	112	51
>EZH2-L674vCSFLFNLNND	329	>EZH2-L674vCSFLFNVNND	402	73
>EZH2-L674vMCSFLFNL	67	>EZH2-L674vMCSFLFNV	49	18
>EZH2-L674vMCSFLFNL	92	>EZH2-L674vMCSFLFNV	17	75
>EZH2-L674vMCSFLFNL	1767	>EZH2-L674vMCSFLFNV	210	1557
>EZH2-L674vYMCSFLFNL	439	>EZH2-L674vYMCSFLFNV	1234	795
>EZH2-L674vYMCSFLFNL	6	>EZH2-L674vYMCSFLFNV	6	0
>EZH2-L674vYMCSFLFNL	2	>EZH2-L674vYMCSFLFNV	2	0
>EZH2-L674vYMCSFLFNLN	731	>EZH2-L674vYMCSFLFNV	431	300
>EZH2-L674vYMCSFLFNL	5	>EZH2-L674vYMCSFLFNV	2	3
>EZH2-L674vYMCSFLFNL	5	>EZH2-L674vYMCSFLFNV	3	2
>EZH2-L674vYMCSFLFNL	2	>EZH2-L674vYMCSFLFNV	1	1
>EZH2-L674vYMCSFLFNLN	497	>EZH2-L674vYMCSFLFNV	504	7
>EZH2-L674vYMCSFLFNLN	379	>EZH2-L674vYMCSFLFNV	293	86
>EZH2-L674vYMCSFLFNL	7	>EZH2-L674vYMCSFLFNV	3	4
>EZH2-L674vYMCSFLFNL	8	>EZH2-L674vYMCSFLFNV	4	4
>EZH2-L674vYMCSFLFNL	2	>EZH2-L674vYMCSFLFNV	2	0
>EZH2-L674vYMCSFLFNL	2	>EZH2-L674vYMCSFLFNV	1	1
>EZH2-L674vYMCSFLFNL	413	>EZH2-L674vYMCSFLFNV	6360	5947
>EZH2-L674vYMCSFLFNL	165	>EZH2-L674vYMCSFLFNV	18	147
>EZH2-L674vYMCSFLFNL	74	>EZH2-L674vYMCSFLFNV	159	85
>EZH2-L674vYMCSFLFNL	298	>EZH2-L674vYMCSFLFNV	4480	4182
>EZH2-L674vYMCSFLFNL	265	>EZH2-L674vYMCSFLFNV	404	139
>EZH2-L674vKYMCSFLFNL	42	>EZH2-L674vKYMCSFLFNV	141	99
>EZH2-L674vKYMCSFLFNL	490	>EZH2-L674vKYMCSFLFNV	124	366
>EZH2-L674vKYMCSFLFNL	364	>EZH2-L674vKYMCSFLFNV	339	25
>EZH2-L674vKYMCSFLFNL	258	>EZH2-L674vKYMCSFLFNV	73	185
>EZH2-L674vKYMCSFLFNL	3482	>EZH2-L674vKYMCSFLFNV	270	3212
>EZH2-L674vKYMCSFLFNL	1263	>EZH2-L674vKYMCSFLFNV	135	1128
>EZH2-L674vKYMCSFLFNL	30	>EZH2-L674vKYMCSFLFNV	328	298
>EZH2-L674vKYMCSFLFNL	80	>EZH2-L674vKYMCSFLFNV	441	361
>EZH2-L674vKYMCSFLFNL	5	>EZH2-L674vKYMCSFLFNV	21	16
>EZH2-L674vKYMCSFLFNL	496	>EZH2-L674vKYMCSFLFNV	301	195
>EZH2-L674vKYMCSFLFNL	291	>EZH2-L674vKYMCSFLFNV	2581	2290
>EZH2-L674vKYMCSFLFNL	72	>EZH2-L674vKYMCSFLFNV	46	26
>EZH2-L674vKYMCSFLFNL	266	>EZH2-L674vKYMCSFLFNV	522	256
>EZH2-L674vKYMCSFLFNL	263	>EZH2-L674vKYMCSFLFNV	1059	796
>EZH2-L674vKYMCSFLFNL	388	>EZH2-L674vKYMCSFLFNV	918	530

>EZH2-L674VKYMCSFLFNL	281	>EZH2-L674VKYMCSFLFNV	390	109
>EZH2-L674VKYMCSFLFNL	50	>EZH2-L674VKYMCSFLFNV	57	7
>EZH2-L674VKYMCSFLFNL	54	>EZH2-L674VKYMCSFLFNV	67	13
>EZH2-L674VKYMCSFLFNL	411	>EZH2-L674VKYMCSFLFNV	614	203
>EZH2-N322!NKPCGPQCY	160	>EZH2-N322!SKPCGPQCY	43	117
>EZH2-N322!DNKPCGPQC	10321	>EZH2-N322!DSKPCGPQC\	491	9830
>EZH2-N322!DNKPCGPQC	1083	>EZH2-N322!DSKPCGPQC\	314	769
>EZH2-N322!KRKNTETALD	490	>EZH2-N322!KRKNTETALD	879	389
>EZH2-N322!ALDNKPCGPC	36	>EZH2-N322!ALDSKPCGPC	44	8
>EZH2-N322!ALDNKPCGPC	318	>EZH2-N322!ALDSKPCGPC	415	97
>EZH2-N322!ALDNKPCGPC	30	>EZH2-N322!ALDSKPCGPC	33	3
>EZH2-N322!NTETALDNK	85	>EZH2-N322!NTETALDSK	73	12
>EZH2-N640INEFISEYCGEI	5	>EZH2-N640I KEFISEYCGEI	9	4
>EZH2-N640INEFISEYCGEI	392	>EZH2-N640I KEFISEYCGEI	7312	6920
>EZH2-N640INEFISEYCGEI	853	>EZH2-N640I KEFISEYCGEI	98	755
>EZH2-N640INEFISEYC	3447	>EZH2-N640I KEFISEYC	383	3064
>EZH2-N640INEFISEYCGEI	228	>EZH2-N640I KEFISEYCGEI	32	196
>EZH2-N640INEFISEYCGEI	589	>EZH2-N640I KEFISEYCGEI	486	103
>EZH2-N640INEFISEYCGEI	20	>EZH2-N640I KEFISEYCGEI	6	14
>EZH2-N640IKNEFISEY	252	>EZH2-N640I KKEFISEY	248	4
>EZH2-N640IKNEFISEY	5446	>EZH2-N640I KKEFISEY	111	5335
>EZH2-N640IGIFIKDPVQKI	20447	>EZH2-N640I GIFIKDPVQKI	324	20123
>EZH2-N640IGIFIKDPVQKI	24101	>EZH2-N640I GIFIKDPVQKI	81	24020
>EZH2-N640IQKNEFISEY	5	>EZH2-N640I QKKEFISEY	5	0
>EZH2-N640IQKNEFISEY	387	>EZH2-N640I QKKEFISEY	2627	2240
>EZH2-N640IVQKNEFISEY	191	>EZH2-N640I VQKKEFISEY	170	21
>EZH2-N640IVQKNEFISEY	37	>EZH2-N640I VQKKEFISEY	38	1
>EZH2-N640IVQKNEFISEY	329	>EZH2-N640I VQKKEFISEY	414	85
>EZH2-N640IVQKNEFISEY	4	>EZH2-N640I VQKKEFISEY	5	1
>EZH2-N640IPVQKNEFISEY	372	>EZH2-N640I PVQKKEFISEY	575	203
>EZH2-N640IDPVQKNEF	81	>EZH2-N640I DPVQKKEF	229	148
>EZH2-N640IDPVQKNEF	292	>EZH2-N640I DPVQKKEF	544	252
>EZH2-N640IDPVQKNEF	464	>EZH2-N640I DPVQKKEF	792	328
>EZH2-N640IKDPVQKNEFI	518	>EZH2-N640I KDPVQKKEFI	191	327
>EZH2-N640IKDPVQKNEFI	181	>EZH2-N640I KDPVQKKEFI	219	38
>EZH2-N640IIKDPVQKNEF	332	>EZH2-N640I IKDPVQKKEFI	185	147
>EZH2-N640IIKDPVQKNEF	124	>EZH2-N640I IKDPVQKKEF	134	10
>EZH2-N640IFIKDPVQKN	22699	>EZH2-N640I FIKDPVQKK	331	22368
>EZH2-N640IFIKDPVQKNE	178	>EZH2-N640I FIKDPVQKKEI	289	111
>EZH2-N640IFIKDPVQKNE	311	>EZH2-N640I FIKDPVQKKEI	322	11
>EZH2-N640IFIKDPVQKNE	106	>EZH2-N640I FIKDPVQKKEI	98	8
>EZH2-N675I NNDFVVDAT	198	>EZH2-N675I KNDFVVDATI	3673	3475
>EZH2-N675I LNDFVVDAT	148	>EZH2-N675I LKNDFVVDATI	584	436

>EZH2-N675ILNNDFFVDA	6902	>EZH2-N675ILKNDFFVDA	236	6666
>EZH2-N675IKYMCSFLFNL	16399	>EZH2-N675IKYMCSFLFNL	180	16219
>EZH2-N675IKYMCSFLFNL	16084	>EZH2-N675IKYMCSFLFNL	28	16056
>EZH2-N675IKYMCSFLFNL	1175	>EZH2-N675IKYMCSFLFNL	32	1143
>EZH2-N675IKYMCSFLFNL	688	>EZH2-N675IKYMCSFLFNL	174	514
>EZH2-N675IKYMCSFLFNL	496	>EZH2-N675IKYMCSFLFNL	211	285
>EZH2-N675IKYMCSFLFNL	1178	>EZH2-N675IKYMCSFLFNL	5	1173
>EZH2-N675IKYMCSFLFNL	3156	>EZH2-N675IKYMCSFLFNL	35	3121
>EZH2-N675IKYMCSFLFNL	6704	>EZH2-N675IKYMCSFLFNL	165	6539
>EZH2-N675IKYMCSFLFNL	281	>EZH2-N675IKYMCSFLFNL	15	266
>EZH2-N675IKYMCSFLFNL	411	>EZH2-N675IKYMCSFLFNL	290	121
>EZH2-N675INLNDFV	128	>EZH2-N675INLNDFV	1555	1427
>EZH2-N675INLNDFV	35	>EZH2-N675INLNDFV	322	287
>EZH2-N675INLNDFV	23	>EZH2-N675INLNDFV	46	23
>EZH2-N675INLNDFVD	373	>EZH2-N675INLNDFVD	713	340
>EZH2-N675INLNDFV	74	>EZH2-N675INLNDFV	474	400
>EZH2-N675INLNDFV	9	>EZH2-N675INLNDFV	161	152
>EZH2-N675INLNDFV	4	>EZH2-N675INLNDFV	20	16
>EZH2-N675INLNDFV	13	>EZH2-N675INLNDFV	331	318
>EZH2-N675INLNDFV	7	>EZH2-N675INLNDFV	355	348
>EZH2-N675INLNDFV	6	>EZH2-N675INLNDFV	12	6
>EZH2-N675INLNDFVD	127	>EZH2-N675INLNDFVD	456	329
>EZH2-N675INLNDFV	387	>EZH2-N675INLNDFV	2779	2392
>EZH2-N675IFNLNDFV	271	>EZH2-N675IFNLNDFV	581	310
>EZH2-N675IFNLNDFV	469	>EZH2-N675IFNLNDFV	236	233
>EZH2-N675IFNLNDFV	295	>EZH2-N675IFNLNDFV	552	257
>EZH2-N675IFNLNDFV	358	>EZH2-N675IFNLNDFV	1020	662
>EZH2-N675IFNLNDFV	442	>EZH2-N675IFNLNDFV	1123	681
>EZH2-N675IFNLNDFV	440	>EZH2-N675IFNLNDFV	1508	1068
>EZH2-N675IFNLNDFV	392	>EZH2-N675IFNLNDFV	758	366
>EZH2-N675IFNLNDFV	435	>EZH2-N675IFNLNDFV	910	475
>EZH2-N675IFNLNDFV	234	>EZH2-N675IFNLNDFV	335	101
>EZH2-N675IFNLNDF	106	>EZH2-N675IFNLNDF	289	183
>EZH2-N675IFNLNDFV	487	>EZH2-N675IFNLNDFV	810	323
>EZH2-N675IFLNLNDFV	6	>EZH2-N675IFLNLNDFV	6	0
>EZH2-N675IFLNLNDFV	7	>EZH2-N675IFLNLNDFV	9	2
>EZH2-N675IFLNLNND	71	>EZH2-N675IFLNLNND	899	828
>EZH2-N675IFLNLNDF	81	>EZH2-N675IFLNLNDF	539	458
>EZH2-N675IFLNLNDFV	5	>EZH2-N675IFLNLNDFV	6	1
>EZH2-N675IFLNLNDFV	3	>EZH2-N675IFLNLNDFV	4	1
>EZH2-N675IFLNLNDFV	9	>EZH2-N675IFLNLNDFV	11	2
>EZH2-N675IFLNLNDFV	5	>EZH2-N675IFLNLNDFV	6	1
>EZH2-N675IFLNLNDF	362	>EZH2-N675IFLNLNDF	978	616

>EZH2-N675I FLFNLNNDV	25	>EZH2-N675I FLFNLKNDV	28	3
>EZH2-N675I FLFNLNNDV	5	>EZH2-N675I FLFNLKNDV	8	3
>EZH2-N675I FLFNLNNDV	1	>EZH2-N675I FLFNLKNDV	2	1
>EZH2-N675I FLFNLNNDV	1	>EZH2-N675I FLFNLKNDV	1	0
>EZH2-N675I FLFNLNNDV	3	>EZH2-N675I FLFNLKNDV	3	0
>EZH2-N675I FLFNLNNDV	2	>EZH2-N675I FLFNLKNDV	3	1
>EZH2-N675I FLFNLNNDV	4	>EZH2-N675I FLFNLKNDV	4	0
>EZH2-N675I FLFNLNNDV	4	>EZH2-N675I FLFNLKNDV	4	0
>EZH2-N675I FLFNLNNDV	3	>EZH2-N675I FLFNLKNDV	6	3
>EZH2-N675I FLFNLNNDV	3	>EZH2-N675I FLFNLKNDV	6	3
>EZH2-N675I FLFNLNNDV	2	>EZH2-N675I FLFNLKNDV	2	0
>EZH2-N675I FLFNLNNDV	2	>EZH2-N675I FLFNLKNDV	2	0
>EZH2-N675I FLFNLNND	476	>EZH2-N675I FLFNLKND	1029	553
>EZH2-N675I FLFNLNND	92	>EZH2-N675I FLFNLKND	579	487
>EZH2-N675I FLFNLNNDV	89	>EZH2-N675I FLFNLKNDV	137	48
>EZH2-N675I FLFNLNNDV	77	>EZH2-N675I FLFNLKNDV	128	51
>EZH2-N675I FLFNLNNDV	79	>EZH2-N675I FLFNLKNDV	255	176
>EZH2-N675I FLFNLNNDV	260	>EZH2-N675I FLFNLKNDV	468	208
>EZH2-N675I FLFNLNND	73	>EZH2-N675I FLFNLKND	166	93
>EZH2-N675I FLFNLNND	30	>EZH2-N675I FLFNLKND	77	47
>EZH2-N675I FLFNLNND	8	>EZH2-N675I FLFNLKND	14	6
>EZH2-N675I FLFNLNNDV	215	>EZH2-N675I FLFNLKNDV	384	169
>EZH2-N675I FLFNLNND	215	>EZH2-N675I FLFNLKND	316	101
>EZH2-N675I SFLFNLNND	410	>EZH2-N675I SFLFNLKND'	1006	596
>EZH2-N675I SFLFNLNND	275	>EZH2-N675I SFLFNLKND'	475	200
>EZH2-N675I SFLFNLNND	362	>EZH2-N675I SFLFNLKND	326	36
>EZH2-N675I SFLFNLNND	14	>EZH2-N675I SFLFNLKND	21	7
>EZH2-N675I SFLFNLNND	324	>EZH2-N675I SFLFNLKND'	363	39
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>EZH2-N675I CSFLFNLND	241	>EZH2-N675I CSFLFNLKND	154	87
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>EZH2-N675I CSFLFNLN	14049	>EZH2-N675I CSFLFNLK	10	14039
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>EZH2-N675I CSFLFNLN	14115	>EZH2-N675I CSFLFNLK	423	13692
>EZH2-N675I CSFLFNLND	394	>EZH2-N675I CSFLFNLKND	937	543
>EZH2-N675I CSFLFNLN	4968	>EZH2-N675I CSFLFNLK	16	4952
>EZH2-N675I CSFLFNLND	39	>EZH2-N675I CSFLFNLKND	70	31
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>EZH2-N675I MCSFLFNLN	14683	>EZH2-N675I MCSFLFNLK	309	14374
>EZH2-N675I MCSFLFNLN	14953	>EZH2-N675I MCSFLFNLK	106	14847
>EZH2-N675I YMCSFLFNLN	1102	>EZH2-N675I YMCSFLFNLK	385	717

>EZH2-N675IYMCSFLFNLN	497	>EZH2-N675IYMCSFLFNLK	617	120
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>EZH2-N675IYMCSFLFNLN	28699	>EZH2-N675IYMCSFLFNLK	38	28661
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>EZH2-N675IYMCSFLFNLN	4399	>EZH2-N675IYMCSFLFNLK	481	3918
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>EZH2-N675IYMCSFLFNLN	9447	>EZH2-N675IYMCSFLFNLK	118	9329
>EZH2-N675IYMCSFLFNLN	10391	>EZH2-N675IYMCSFLFNLK	278	10113
>EZH2-N693I NHSVNPNCY	2053	>EZH2-N693I IHSVNPNCY	447	1606
>EZH2-N693I NHSVNPNCY	1103	>EZH2-N693I IHSVNPNCY	129	974
>EZH2-N693I ANHSVNPNC	11269	>EZH2-N693I AIHSVNPNCY	73	11196
>EZH2-N693I ANHSVNPNC	28603	>EZH2-N693I AIHSVNPNCY	266	28337
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>EZH2-N693I ANHSVNPNC	392	>EZH2-N693I AIHSVNPNCY	26	366
>EZH2-N693I ANHSVNPNC	362	>EZH2-N693I AIHSVNPNCY	412	50
>EZH2-N693I TRKGNKIRFA	5136	>EZH2-N693I TRKGNKIRFA	442	4694
>EZH2-N693I FANHSVNPNC	2163	>EZH2-N693I FAIHSVNPNC	66	2097
>EZH2-N693I FANHSVNPNC	581	>EZH2-N693I FAIHSVNPNC	96	485
>EZH2-N693I FANHSVNPNC	278	>EZH2-N693I FAIHSVNPNC	190	88
>EZH2-N693I FANHSVNPNC	32	>EZH2-N693I FAIHSVNPNC	24	8
>EZH2-N693I FANHSVNPNC	387	>EZH2-N693I FAIHSVNPNC	95	292
>EZH2-N693I FANHSVNPNC	23	>EZH2-N693I FAIHSVNPNC	18	5
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>EZH2-N693I FANHSVNPNC	364	>EZH2-N693I FAIHSVNPNC	303	61
>EZH2-N693I IRFANHSV	39	>EZH2-N693I IRFAIHSV	60	21
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>EZH2-N693I IRFANHSVNP	453	>EZH2-N693I IRFAIHSVNP	658	205
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>EZH2-N693I IRFANHSV	607	>EZH2-N693I IRFAIHSV	365	242
>EZH2-N693I KIRFANHSV	469	>EZH2-N693I KIRFAIHSV	284	185
>EZH2-N693I KIRFANHSV	41	>EZH2-N693I KIRFAIHSV	9	32
>EZH2-N693I KIRFANHSV	319	>EZH2-N693I KIRFAIHSV	50	269
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>EZH2-N693I KIRFANHSV	974	>EZH2-N693I KIRFAIHSV	367	607
>EZH2-N693I KIRFANHSV	1609	>EZH2-N693I KIRFAIHSV	226	1383
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>EZH2-N693I KIRFANHSV	18	>EZH2-N693I KIRFAIHSV	5	13
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>EZH2-N693I KIRFANHSV	17	>EZH2-N693I KIRFAIHSVNF	20	3
>EZH2-N693I NKIRFANHSV	277	>EZH2-N693I NKIRFAIHSV	255	22



>EZH2-N693IGNKIRFANHS	513	>EZH2-N693IGNKIRFAIHS	375	138
>EZH2-N693IKGNKIRFAN	18655	>EZH2-N693IKGNKIRFAI	409	18246
>EZH2-N693IRKGNKIRFAN	7522	>EZH2-N693IRKGNKIRFAI	226	7296
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>EZH2-N693IANHSVNPNC	392	>EZH2-N693IAKHSVNPNC	1320	928
>EZH2-N693IANHSVNPNC	362	>EZH2-N693IAKHSVNPNC	6	356
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>EZH2-N693IFANHSVNPNC	278	>EZH2-N693IFAKHSVNPNC	195	83
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>EZH2-N693KIRFANHSV	4	>EZH2-N693KIRFAKHSV	5	1
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>EZH2-N693KIRFANHSVN	17	>EZH2-N693KIRFAKHSVN	25	8
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>EZH2-N693IGNKIRFAN	14432	>EZH2-N693IGNKIRFAK	268	14164
>EZH2-N693IGNKIRFANHS	513	>EZH2-N693IGNKIRFAKHS	383	130
>EZH2-N693IKGNKIRFAN	21085	>EZH2-N693IKGNKIRFAK	227	20858
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>EZH2-N693IRKGNKIRFAN	14647	>EZH2-N693IRKGNKIRFAK	470	14177
>EZH2-R288(RCFKYDCFL	491	>EZH2-R288(QCFKYDCFL	7452	6961
>EZH2-R288(RCFKYDCFLH	18	>EZH2-R288(QCFKYDCFLH	246	228
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>EZH2-R288(RCFKYDCFLH	10	>EZH2-R288(QCFKYDCFLH	13	3
>EZH2-R288(RRCFKYDCFLI	13180	>EZH2-R288(RQCFKYDCFL	424	12756
>EZH2-R288(RRCFKYDCF	16561	>EZH2-R288(RQCFKYDCF	145	16416
>EZH2-R288(RRCFKYDCF	171	>EZH2-R288(RQCFKYDCF	23	148

>EZH2-R288(RRCFKYDCFL	1361	>EZH2-R288(RQCFKYDCFL	483	878
>EZH2-R288(RRCFKYDCFL	30	>EZH2-R288(RQCFKYDCFL	1758	1728
>EZH2-R288(RRCFKYDC	57	>EZH2-R288(RQCFKYDC	1127	1070
>EZH2-R288(RRCFKYDCF	214	>EZH2-R288(RQCFKYDCF	3695	3481
>EZH2-R288(RRCFKYDCFL	27	>EZH2-R288(RQCFKYDCFL	400	373
>EZH2-R288(RRCFKYDCFLI	283	>EZH2-R288(RQCFKYDCFL	5500	5217
>EZH2-R288(RRCFKYDCF	51	>EZH2-R288(RQCFKYDCF	1055	1004
>EZH2-R288(RRCFKYDCFL	27	>EZH2-R288(RQCFKYDCFL	331	304
>EZH2-R288(RRCFKYDCFLI	264	>EZH2-R288(RQCFKYDCFL	2927	2663
>EZH2-R288(LHSFHTLFCRI	283	>EZH2-R288(LHSFHTLFCR(	17296	17013
>EZH2-R288(CRRCFKYDCF	60	>EZH2-R288(CRQCFKYDCF	217	157
>EZH2-R288(CRRCFKYDCF	295	>EZH2-R288(CRQCFKYDCF	378	83
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>EZH2-R288(CRRCFKYDCF	246	>EZH2-R288(CRQCFKYDCF	93	153
>EZH2-R288(FCRRCFKY	404	>EZH2-R288(FCRQCFKY	217	187
>EZH2-R288(FCRRCFKYDC	477	>EZH2-R288(FCRQCFKYDC	748	271
>EZH2-R288(FCRRCFKY	416	>EZH2-R288(FCRQCFKY	554	138
>EZH2-R288(FCRRCFKYDC	102	>EZH2-R288(FCRQCFKYDC	132	30
>EZH2-R288(FCRRCFKYDC	343	>EZH2-R288(FCRQCFKYDC	299	44
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>EZH2-R288(LFCRRCFK	33	>EZH2-R288(LFCRQCFK	85	52
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>EZH2-R288(TLFCRRCFK	27	>EZH2-R288(TLFCRQCFK	27	0
>EZH2-R288(TLFCRRCFKY	168	>EZH2-R288(TLFCRQCFKY	283	115
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>EZH2-R288(TLFCRRCFKY	131	>EZH2-R288(TLFCRQCFKY	110	21
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>EZH2-R288(TLFCRRCFK	44	>EZH2-R288(TLFCRQCFK	127	83
>EZH2-R288(TLFCRRCFK	12	>EZH2-R288(TLFCRQCFK	18	6
>EZH2-R288(TLFCRRCFKY	366	>EZH2-R288(TLFCRQCFKY	160	206
>EZH2-R288(TLFCRRCF	267	>EZH2-R288(TLFCRQCF	366	99
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>EZH2-R288(TLFCRRCFKY	244	>EZH2-R288(TLFCRQCFKY	213	31
>EZH2-R288(TLFCRRCF	33	>EZH2-R288(TLFCRQCF	22	11
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>EZH2-R288(HTLFCRRCFK	16	>EZH2-R288(HTLFCRQCFK	15	1
>EZH2-R288(HTLFCRRCFK'	438	>EZH2-R288(HTLFCRQCFK	428	10
>EZH2-R288(HTLFCRRCFK'	39	>EZH2-R288(HTLFCRQCFK	29	10
>EZH2-R288(HTLFCRRCFK	6	>EZH2-R288(HTLFCRQCFK	6	0
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>EZH2-R288(HTLFCRRCFK	8	>EZH2-R288(HTLFCRQCFK	21	13
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>EZH2-R288(HTLFCRRCFK'	402	>EZH2-R288(HTLFCRQCFK	349	53
>EZH2-R288(HTLFCRRCFK'	288	>EZH2-R288(HTLFCRQCFK	191	97
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>EZH2-R288(HTLFCRRCFK'	32	>EZH2-R288(HTLFCRQCFK	33	1
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>EZH2-R288(HSFHTLFCRR	25	>EZH2-R288(HSFHTLFCRQ	21436	21411
>EZH2-R288(HSFHTLFCRR	177	>EZH2-R288(HSFHTLFCRQ	1431	1254
>EZH2-R288(HSFHTLFCRR	41	>EZH2-R288(HSFHTLFCRQ	2989	2948
>EZH2-R509(CRKIQLKK	342	>EZH2-R509(CGKIQLKK	24489	24147
>EZH2-R509(RKHRLWAAH	431	>EZH2-R509(RKHRLWAAH	21419	20988
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>EZH2-R509(RKHRLWAAH	212	>EZH2-R509(RKHRLWAAH	33683	33471
>EZH2-R509(HCRKIQLK	5	>EZH2-R509(HCGKIQLK	1908	1903
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>EZH2-R509(AHCRKIQL	1402	>EZH2-R509(AHCGKIQL	276	1126
>EZH2-R509(AAHCRIQLK	185	>EZH2-R509(AAHCRIQLK	229	44
>EZH2-R509(AAHCRIQLK	254	>EZH2-R509(AAHCRIQLK	414	160
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>EZH2-R509(AAHC RKIQLK	123	>EZH2-R509(AAHC GK IQLK	154	31
>EZH2-R509(AAHC RKIQL	376	>EZH2-R509(AAHC GK IQL	730	354
>EZH2-R509(AAHC RKIQLK	8	>EZH2-R509(AAHC GK IQLK	10	2
>EZH2-R509(AAHC RKIQLK	10	>EZH2-R509(AAHC GK IQLK	12	2
>EZH2-R509(AAHC RKIQL	199	>EZH2-R509(AAHC GK IQL	12844	12645
>EZH2-R509(AAHC RKIQL	479	>EZH2-R509(AAHC GK IQL	318	161
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>EZH2-R509(WAAHC RKI	433	>EZH2-R509(WAAHC GK I	331	102
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>EZH2-R509(WAAHC RKI	132	>EZH2-R509(WAAHC GK I	75	57
>EZH2-R509(LWAAHC RKI	890	>EZH2-R509(LWAAHC GK I	321	569
>EZH2-R509(LWAAHC RKI	419	>EZH2-R509(LWAAHC GK I	229	190
>EZH2-R509(LWAAHC RK	158	>EZH2-R509(LWAAHC GK	168	10
>EZH2-R509(LWAAHC RK	692	>EZH2-R509(LWAAHC GK	466	226
>EZH2-R509(LWAAHC RKI	153	>EZH2-R509(LWAAHC GK I	113	40
>EZH2-R509(LWAAHC RKI	254	>EZH2-R509(LWAAHC GK I	223	31
>EZH2-R509(RLWAAHC RK	577	>EZH2-R509(RLWAAHC GK	432	145
>EZH2-R509(RLWAAHC RK	251	>EZH2-R509(RLWAAHC GK	128	123
>EZH2-R509(RLWAAHC RK	410	>EZH2-R509(RLWAAHC GK	246	164
>EZH2-R509(RLWAAHC RK	10	>EZH2-R509(RLWAAHC GK	9	1
>EZH2-R509(RLWAAHC RK	511	>EZH2-R509(RLWAAHC GK	340	171
>EZH2-R509(RLWAAHC RK	77	>EZH2-R509(RLWAAHC GK	45	32
>EZH2-R509(RLWAAHC RK	305	>EZH2-R509(RLWAAHC GK	278	27
>EZH2-R509(RLWAAHC RK	245	>EZH2-R509(RLWAAHC GK	275	30
>EZH2-R509(RLWAAHC RK	53	>EZH2-R509(RLWAAHC GK	39	14
>EZH2-R509(RLWAAHC R	319	>EZH2-R509(RLWAAHC G	17944	17625
>EZH2-R509(RLWAAHC RK	38	>EZH2-R509(RLWAAHC GK	45	7
>EZH2-R509(RLWAAHC RK	74	>EZH2-R509(RLWAAHC GK	87	13
>EZH2-R509(RLWAAHC RK	11	>EZH2-R509(RLWAAHC GK	12	1
>EZH2-R509(RLWAAHC R	9	>EZH2-R509(RLWAAHC G	8211	8202
>EZH2-R509(RLWAAHC RK	29	>EZH2-R509(RLWAAHC GK	46	17
>EZH2-R509(RLWAAHC RK	32	>EZH2-R509(RLWAAHC GK	98	66
>EZH2-R509(RLWAAHC R	23	>EZH2-R509(RLWAAHC G	15354	15331
>EZH2-R509(RLWAAHC RK	48	>EZH2-R509(RLWAAHC GK	58	10
>EZH2-R509(HRLWAAHC R	32	>EZH2-R509(HRLWAAHC C	639	607
>EZH2-R509(HRLWAAHC R	27	>EZH2-R509(HRLWAAHC C	31	4
>EZH2-R509(HRLWAAHC R	69	>EZH2-R509(HRLWAAHC C	81	12
>EZH2-R509(HRLWAAHC R	448	>EZH2-R509(HRLWAAHC C	307	141
>EZH2-R509(HRLWAAHC R	168	>EZH2-R509(HRLWAAHC C	309	141
>EZH2-R509(HRLWAAHC R	64	>EZH2-R509(HRLWAAHC C	30423	30359
>EZH2-R509(KHRLWAAHC	14	>EZH2-R509(KHRLWAAHC	15	1
>EZH2-R509(KHRLWAAHC	63	>EZH2-R509(KHRLWAAHC	21565	21502
>EZH2-R509(KHRLWAAHC	120	>EZH2-R509(KHRLWAAHC	30134	30014

>EZH2-R684(RKGNKIRF	25	>EZH2-R684(CKGNKIRF	337	312
>EZH2-R684(RKGNKIRF	460	>EZH2-R684(CKGNKIRF	1859	1399
>EZH2-R684(LNNDFVVDA	148	>EZH2-R684(LNNDFVVDA	38000	37852
>EZH2-R684(ATRKGNKIRF	910	>EZH2-R684(ATCKGNKIRF	243	667
>EZH2-R684(ATRKGNKI	11	>EZH2-R684(ATCKGNKI	2376	2365
>EZH2-R684(ATRKGNKIR	23	>EZH2-R684(ATCKGNKIR	5269	5246
>EZH2-R684(ATRKGNKIRF	151	>EZH2-R684(ATCKGNKIRF	9345	9194
>EZH2-R684(ATRKGNKIRF	5	>EZH2-R684(ATCKGNKIRF	322	317
>EZH2-R684(ATRKGNKIR	226	>EZH2-R684(ATCKGNKIR	392	166
>EZH2-R684(ATRKGNKIRF	221	>EZH2-R684(ATCKGNKIRF	1235	1014
>EZH2-R684(ATRKGNKI	61	>EZH2-R684(ATCKGNKI	404	343
>EZH2-R684(ATRKGNKIRF	4	>EZH2-R684(ATCKGNKIRF	6	2
>EZH2-R684(ATRKGNKI	361	>EZH2-R684(ATCKGNKI	729	368
>EZH2-R684(ATRKGNKIRF	69	>EZH2-R684(ATCKGNKIRF	165	96
>EZH2-R684(ATRKGNKI	121	>EZH2-R684(ATCKGNKI	42	79
>EZH2-R684(DATRKGNK	463	>EZH2-R684(DATCKGNK	338	125
>EZH2-R684(VDATRKGNKI	204	>EZH2-R684(VDATCKGNKI	359	155
>EZH2-R684(FVVDATRK	411	>EZH2-R684(FVVDATCK	320	91
>EZH2-R684(FVVDATRKGI	657	>EZH2-R684(FVVDATCKGI	418	239
>EZH2-R684(FVVDATRK	17	>EZH2-R684(FVVDATCK	12	5
>EZH2-R684(FVVDATRKGI	34	>EZH2-R684(FVVDATCKGI	24	10
>EZH2-R684(DFVVDATR	25	>EZH2-R684(DFVVDATC	23821	23796
>EZH2-R684(DFVVDATR	104	>EZH2-R684(DFVVDATC	37322	37218
>EZH2-R684(NDFVVDATR	100	>EZH2-R684(NDFVVDATC	35132	35032
>EZH2-R684(NNDFVVDAT	198	>EZH2-R684(NNDFVVDAT	36206	36008
>EZH2-R690(IRFANHSV	2832	>EZH2-R690(ICFANHSV	281	2551
>EZH2-R690(IRFANHSV	1323	>EZH2-R690(ICFANHSV	73	1250
>EZH2-R690(IRFANHSV	1092	>EZH2-R690(ICFANHSV	70	1022
>EZH2-R690(IRFANHSV	5264	>EZH2-R690(ICFANHSV	325	4939
>EZH2-R690(IRFANHSV	39	>EZH2-R690(ICFANHSV	683	644
>EZH2-R690(IRFANHSVNP	229	>EZH2-R690(ICFANHSVNP	4859	4630
>EZH2-R690(IRFANHSVNP	453	>EZH2-R690(ICFANHSVNP	4808	4355
>EZH2-R690(IRFANHSV	154	>EZH2-R690(ICFANHSV	26040	25886
>EZH2-R690(KIRFANHSV	2767	>EZH2-R690(KICFANHSV	195	2572
>EZH2-R690(KIRFANHSV	469	>EZH2-R690(KICFANHSV	64	405
>EZH2-R690(KIRFANHSV	41	>EZH2-R690(KICFANHSV	69	28
>EZH2-R690(KIRFANHSV	319	>EZH2-R690(KICFANHSV	42	277
>EZH2-R690(KIRFANHSV	500	>EZH2-R690(KICFANHSV	41	459
>EZH2-R690(KIRFANHSV	1609	>EZH2-R690(KICFANHSV	388	1221
>EZH2-R690(KIRFANHSV	1954	>EZH2-R690(KICFANHSV	236	1718
>EZH2-R690(KIRFANHSV	18	>EZH2-R690(KICFANHSV	16	2
>EZH2-R690(KIRFANHS	12	>EZH2-R690(KICFANHS	2441	2429
>EZH2-R690(KIRFANHSV	4	>EZH2-R690(KICFANHSV	156	152

>EZH2-R690C KIRFANHSVN	25	>EZH2-R690C KICFANHSVN	4022	3997
>EZH2-R690C KIRFANHSVN	17	>EZH2-R690C KICFANHSVN	2865	2848
>EZH2-R690C KIRFANHSV	670	>EZH2-R690C KICFANHSV	255	415
>EZH2-R690C NKIRFANHSV	277	>EZH2-R690C NKICFANHSV	133	144
>EZH2-R690C RKG NKIRF	25	>EZH2-R690C RKG NKICF	10	15
>EZH2-R690C RKG NKIRF	460	>EZH2-R690C RKG NKICF	3381	2921
>EZH2-R690C ATRKGNKIR	23	>EZH2-R690C ATRKGNKIC	359	336
>EZH2-R690C ATRKGNKIRF	151	>EZH2-R690C ATRKGNKICF	252	101
>EZH2-R690C ATRKGNKIRF.	5	>EZH2-R690C ATRKGNKICF.	4	1
>EZH2-R690C ATRKGNKIR	226	>EZH2-R690C ATRKGNKIC	22886	22660
>EZH2-R690C ATRKGNKIRF	221	>EZH2-R690C ATRKGNKICF	75	146
>EZH2-R690C ATRKGNKIRF	4	>EZH2-R690C ATRKGNKICF	9	5
>EZH2-R690C ATRKGNKIRF	69	>EZH2-R690C ATRKGNKICF	88	19
>EZH2-R690F IRFANHSV	39	>EZH2-R690F IHFANHSV	62	23
>EZH2-R690F IRFANHSVNP	229	>EZH2-R690F IHFANHSVNF	704	475
>EZH2-R690F IRFANHSVNP	453	>EZH2-R690F IHFANHSVNF	1071	618
>EZH2-R690F IRFANHSV	154	>EZH2-R690F IHFANHSV	20577	20423
>EZH2-R690F IRFANHSV	568	>EZH2-R690F IHFANHSV	252	316
>EZH2-R690F KIRFANHSV	2767	>EZH2-R690F KIHFANHSV	168	2599
>EZH2-R690F KIRFANHSV	469	>EZH2-R690F KIHFANHSV	60	409
>EZH2-R690F KIRFANHSV	41	>EZH2-R690F KIHFANHSV	21	20
>EZH2-R690F KIRFANHSV	319	>EZH2-R690F KIHFANHSV	74	245
>EZH2-R690F KIRFANHSV	500	>EZH2-R690F KIHFANHSV	28	472
>EZH2-R690F KIRFANHSV	974	>EZH2-R690F KIHFANHSV	144	830
>EZH2-R690F KIRFANHSV	1609	>EZH2-R690F KIHFANHSV	119	1490
>EZH2-R690F KIRFANHSV	1954	>EZH2-R690F KIHFANHSV	284	1670
>EZH2-R690F KIRFANHSV	18	>EZH2-R690F KIHFANHSV	10	8
>EZH2-R690F KIRFANHS	12	>EZH2-R690F KIHFANHS	74	62
>EZH2-R690F KIRFANHSV	4	>EZH2-R690F KIHFANHSV	8	4
>EZH2-R690F KIRFANHSVN	25	>EZH2-R690F KIHFANHSVN	209	184
>EZH2-R690F KIRFANHSVN	17	>EZH2-R690F KIHFANHSVN	116	99
>EZH2-R690F KIRFANHSV	670	>EZH2-R690F KIHFANHSV	196	474
>EZH2-R690F KIRFANHSV	4335	>EZH2-R690F KIHFANHSV	373	3962
>EZH2-R690F NKIRFANH	1166	>EZH2-R690F NKIHFANH	486	680
>EZH2-R690F NKIRFANHSV	277	>EZH2-R690F NKIHFANHSV	132	145
>EZH2-R690F NKIRFANHSV	556	>EZH2-R690F NKIHFANHSV	319	237
>EZH2-R690F KGNKIRFA	517	>EZH2-R690F KGNKIHFA	396	121
>EZH2-R690F RKG NKIRF	25	>EZH2-R690F RKG NKIHF	11	14
>EZH2-R690F RKG NKIRF	460	>EZH2-R690F RKG NKIHF	641	181
>EZH2-R690F ATRKGNKIRF	910	>EZH2-R690F ATRKGNKIHF	359	551
>EZH2-R690F ATRKGNKIR	23	>EZH2-R690F ATRKGNKIH	250	227
>EZH2-R690F ATRKGNKIRF	151	>EZH2-R690F ATRKGNKIHF	54	97
>EZH2-R690F ATRKGNKIRF.	5	>EZH2-R690F ATRKGNKIHF	5	0

>EZH2-R690F ATRKGNKIR	226	>EZH2-R690F ATRKGNKIH	14266	14040
>EZH2-R690F ATRKGNKIRF	827	>EZH2-R690F ATRKGNKIHF	187	640
>EZH2-R690F ATRKGNKIRF	221	>EZH2-R690F ATRKGNKIHF	85	136
>EZH2-R690F ATRKGNKIRF	4	>EZH2-R690F ATRKGNKIHF	4	0
>EZH2-R690F ATRKGNKIR	1459	>EZH2-R690F ATRKGNKIH	86	1373
>EZH2-R690F ATRKGNKIRF	69	>EZH2-R690F ATRKGNKIHF	92	23
>EZH2-Y244C YKELTEQQL	359	>EZH2-Y244C DKELTEQQL	8805	8446
>EZH2-Y244C KYKELTEQQL	33	>EZH2-Y244C KDKELTEQQL	24615	24582
>EZH2-Y244C KYKELTEQQL	16	>EZH2-Y244C KDKELTEQQL	23619	23603
>EZH2-Y244C KYKELTEQQL	123	>EZH2-Y244C KDKELTEQQL	10807	10684
>EZH2-Y244C KGTAEEELKEK	456	>EZH2-Y244C KGTAEEELKEK	34569	34113
>EZH2-Y244C EKYKELTEQQ	122	>EZH2-Y244C EKDKELTEQQ	7309	7187
>EZH2-Y244C ELKEKYKEL	220	>EZH2-Y244C ELKEKDKEK	621	401
>EZH2-Y244C ELKEKYKEL	25	>EZH2-Y244C ELKEKDKEK	79	54
>EZH2-Y244C EELKEKYKEL	86	>EZH2-Y244C EELKEKDKEK	241	155
>EZH2-Y244C EELKEKYKEL	424	>EZH2-Y244C EELKEKDKEK	1408	984
>EZH2-Y244C EELKEKYKELT	411	>EZH2-Y244C EELKEKDKELT	1210	799
>EZH2-Y244C AEELKEKYKEL	166	>EZH2-Y244C AEELKEKDKE	632	466
>EZH2-Y244C AEELKEKYKEL	319	>EZH2-Y244C AEELKEKDKE	719	400
>EZH2-Y244C GTAEEELKEKY	68	>EZH2-Y244C GTAEEELKEKD	1128	1060
>EZH2-Y244C GTAEEELKEKY	231	>EZH2-Y244C GTAEEELKEKD	33486	33255
>EZH2-Y244C GTAEEELKEKY	290	>EZH2-Y244C GTAEEELKEKD	1969	1679
>EZH2-Y244C GTAEEELKEKY	49	>EZH2-Y244C GTAEEELKEKD	21683	21634
>EZH2-Y244C GTAEEELKEKY	94	>EZH2-Y244C GTAEEELKEKD	22476	22382
>EZH2-Y244C GTAEEELKEKY	238	>EZH2-Y244C GTAEEELKEKD	358	120
>EZH2-Y646C PVQKNEFISE	372	>EZH2-Y646C PVQKNEFISE	31732	31360
>EZH2-Y646C SEYCGEII	5	>EZH2-Y646C SECCGEII	10	5
>EZH2-Y646C SEYCGEII	30	>EZH2-Y646C SECCGEII	54	24
>EZH2-Y646C SEYCGEII	483	>EZH2-Y646C SECCGEII	4757	4274
>EZH2-Y646C SEYCGEII	287	>EZH2-Y646C SECCGEII	609	322
>EZH2-Y646C SEYCGEIIIS	149	>EZH2-Y646C SECCGEIIS	415	266
>EZH2-Y646C SEYCGEII	84	>EZH2-Y646C SECCGEII	600	516
>EZH2-Y646C SEYCGEIIISQD	457	>EZH2-Y646C SECCGEIIISQD	3121	2664
>EZH2-Y646C ISEYCGEII	70	>EZH2-Y646C ISECCGEII	79	9
>EZH2-Y646C ISEYCGEI	54	>EZH2-Y646C ISECCGEI	80	26
>EZH2-Y646C ISEYCGEII	38	>EZH2-Y646C ISECCGEII	86	48
>EZH2-Y646C FISEYCGEI	29	>EZH2-Y646C FISECCGEI	40	11
>EZH2-Y646C FISEYCGEII	309	>EZH2-Y646C FISECCGEII	462	153
>EZH2-Y646C FISEYCGEI	5	>EZH2-Y646C FISECCGEI	6	1
>EZH2-Y646C FISEYCGEII	108	>EZH2-Y646C FISECCGEII	79	29
>EZH2-Y646C FISEYCGEI	5	>EZH2-Y646C FISECCGEI	7	2
>EZH2-Y646C FISEYCGEII	186	>EZH2-Y646C FISECCGEII	231	45
>EZH2-Y646C FISEYCGEI	13	>EZH2-Y646C FISECCGEI	20	7

>EZH2-Y646C FISEYCGEII	93	>EZH2-Y646C FISECCGEII	99	6
>EZH2-Y646C FISEYCGEI	31	>EZH2-Y646C FISECCGEI	328	297
>EZH2-Y646C FISEYCGEII	164	>EZH2-Y646C FISECCGEII	549	385
>EZH2-Y646C FISEYCGEI	57	>EZH2-Y646C FISECCGEI	102	45
>EZH2-Y646C FISEYCGEII	199	>EZH2-Y646C FISECCGEII	326	127
>EZH2-Y646C FISEYCGEI	105	>EZH2-Y646C FISECCGEI	63	42
>EZH2-Y646C FISEYCGEII	382	>EZH2-Y646C FISECCGEII	810	428
>EZH2-Y646C FISEYCGEI	201	>EZH2-Y646C FISECCGEI	1830	1629
>EZH2-Y646C EFISEYCGEII	424	>EZH2-Y646C EFISECCGEII	571	147
>EZH2-Y646C EFISEYCGEI	420	>EZH2-Y646C EFISECCGEI	1067	647
>EZH2-Y646C NEFISEYCGEII	5	>EZH2-Y646C NEFISECCGEII	5	0
>EZH2-Y646C NEFISEYCGEI	392	>EZH2-Y646C NEFISECCGEI	965	573
>EZH2-Y646C NEFISEYCGEII	228	>EZH2-Y646C NEFISECCGEII	249	21
>EZH2-Y646C NEFISEYCGEI	20	>EZH2-Y646C NEFISECCGEI	19	1
>EZH2-Y646C KNEFISEY	252	>EZH2-Y646C KNEFISEC	28657	28405
>EZH2-Y646C QKNEFISEY	5	>EZH2-Y646C QKNEFISEC	1201	1196
>EZH2-Y646C QKNEFISEY	387	>EZH2-Y646C QKNEFISEC	35045	34658
>EZH2-Y646C VQKNEFISEY	191	>EZH2-Y646C VQKNEFISEC	29106	28915
>EZH2-Y646C VQKNEFISEY	37	>EZH2-Y646C VQKNEFISEC	6386	6349
>EZH2-Y646C VQKNEFISEY	329	>EZH2-Y646C VQKNEFISEC	23249	22920
>EZH2-Y646C VQKNEFISEY	4	>EZH2-Y646C VQKNEFISEC	723	719
>EZH2-Y646F YCGEII SQDEA	1010	>EZH2-Y646F FCGEII SQDEA	308	702
>EZH2-Y646F PVQKNEFISEI	372	>EZH2-Y646F PVQKNEFISEI	14631	14259
>EZH2-Y646F SEYCGEII	5	>EZH2-Y646F SEFCGEII	7	2
>EZH2-Y646F SEYCGEII	30	>EZH2-Y646F SEFCGEII	23	7
>EZH2-Y646F SEYCGEII	483	>EZH2-Y646F SEFCGEII	239	244
>EZH2-Y646F SEYCGEII	1183	>EZH2-Y646F SEFCGEII	378	805
>EZH2-Y646F SEYCGEII	287	>EZH2-Y646F SEFCGEII	871	584
>EZH2-Y646F SEYCGEII S	149	>EZH2-Y646F SEFCGEII S	437	288
>EZH2-Y646F SEYCGEII	84	>EZH2-Y646F SEFCGEII	84	0
>EZH2-Y646F SEYCGEII SQD	457	>EZH2-Y646F SEFCGEII SQD	585	128
>EZH2-Y646F ISEYCGEII	70	>EZH2-Y646F ISEFCGEII	74	4
>EZH2-Y646F ISEYCGEI	54	>EZH2-Y646F ISEFCGEI	82	28
>EZH2-Y646F ISEYCGEII	38	>EZH2-Y646F ISEFCGEII	98	60
>EZH2-Y646F FISEYCGEI	29	>EZH2-Y646F FISEFCGEI	43	14
>EZH2-Y646F FISEYCGEII	309	>EZH2-Y646F FISEFCGEII	173	136
>EZH2-Y646F FISEYCGEI	5	>EZH2-Y646F FISEFCGEI	5	0
>EZH2-Y646F FISEYCGEII	108	>EZH2-Y646F FISEFCGEII	61	47
>EZH2-Y646F FISEYCGEI	5	>EZH2-Y646F FISEFCGEI	7	2
>EZH2-Y646F FISEYCGEII	186	>EZH2-Y646F FISEFCGEII	103	83
>EZH2-Y646F FISEYCGEI	13	>EZH2-Y646F FISEFCGEI	17	4
>EZH2-Y646F FISEYCGEII	93	>EZH2-Y646F FISEFCGEII	64	29
>EZH2-Y646F FISEYCGEI	31	>EZH2-Y646F FISEFCGEI	32	1



>EZH2-Y646F FISEYCGEII	164	>EZH2-Y646F FISEFCGEII	151	13
>EZH2-Y646F FISEYCGEI	57	>EZH2-Y646F FISEFCGEI	93	36
>EZH2-Y646F FISEYCGEII	199	>EZH2-Y646F FISEFCGEII	227	28
>EZH2-Y646F FISEYCGEI	105	>EZH2-Y646F FISEFCGEI	53	52
>EZH2-Y646F FISEYCGEII	382	>EZH2-Y646F FISEFCGEII	250	132
>EZH2-Y646F FISEYCGEI	201	>EZH2-Y646F FISEFCGEI	96	105
>EZH2-Y646F EFISEYCGEII	424	>EZH2-Y646F EFISEFCGEII	344	80
>EZH2-Y646F EFISEYCGEI	420	>EZH2-Y646F EFISEFCGEI	382	38
>EZH2-Y646F NEFISEYCGEI	5	>EZH2-Y646F NEFISEFCGEI	5	0
>EZH2-Y646F NEFISEYCGEII	392	>EZH2-Y646F NEFISEFCGEII	387	5
>EZH2-Y646F NEFISEYCGEI	228	>EZH2-Y646F NEFISEFCGEI	230	2
>EZH2-Y646F NEFISEYCGEII	589	>EZH2-Y646F NEFISEFCGEII	452	137
>EZH2-Y646F NEFISEYCGEI	20	>EZH2-Y646F NEFISEFCGEI	17	3
>EZH2-Y646F KNEFISEY	252	>EZH2-Y646F KNEFISEF	11882	11630
>EZH2-Y646F QKNEFISEY	5	>EZH2-Y646F QKNEFISEF	3	2
>EZH2-Y646F QKNEFISEY	387	>EZH2-Y646F QKNEFISEF	1645	1258
>EZH2-Y646F VQKNEFISEY	191	>EZH2-Y646F VQKNEFISEF	7428	7237
>EZH2-Y646F VQKNEFISEY	37	>EZH2-Y646F VQKNEFISEF	31	6
>EZH2-Y646F VQKNEFISEY	329	>EZH2-Y646F VQKNEFISEF	724	395
>EZH2-Y646F VQKNEFISEY	4	>EZH2-Y646F VQKNEFISEF	3	1
>EZH2-Y646F PVQKNEFISEY	372	>EZH2-Y646F PVQKNEFISEF	18511	18139
>EZH2-Y646F SEYCGEII	5	>EZH2-Y646F SEHCGEII	7	2
>EZH2-Y646F SEYCGEI	30	>EZH2-Y646F SEHCGEI	48	18
>EZH2-Y646F SEYCGEII	483	>EZH2-Y646F SEHCGEII	491	8
>EZH2-Y646F SEYCGEI	287	>EZH2-Y646F SEHCGEI	134	153
>EZH2-Y646F SEYCGEIIIS	149	>EZH2-Y646F SEHCGEIIIS	75	74
>EZH2-Y646F SEYCGEI	84	>EZH2-Y646F SEHCGEI	126	42
>EZH2-Y646F SEYCGEIIISQD	457	>EZH2-Y646F SEHCGEIIISQD	1389	932
>EZH2-Y646F ISEYCGEII	70	>EZH2-Y646F ISEHCGEII	137	67
>EZH2-Y646F ISEYCGEI	54	>EZH2-Y646F ISEHCGEI	61	7
>EZH2-Y646F ISEYCGEII	38	>EZH2-Y646F ISEHCGEII	38	0
>EZH2-Y646F FISEYCGEI	29	>EZH2-Y646F FISEHCGEI	84	55
>EZH2-Y646F FISEYCGEII	309	>EZH2-Y646F FISEHCGEII	738	429
>EZH2-Y646F FISEYCGEI	5	>EZH2-Y646F FISEHCGEI	10	5
>EZH2-Y646F FISEYCGEII	108	>EZH2-Y646F FISEHCGEII	185	77
>EZH2-Y646F FISEYCGEI	5	>EZH2-Y646F FISEHCGEI	5	0
>EZH2-Y646F FISEYCGEII	186	>EZH2-Y646F FISEHCGEII	261	75
>EZH2-Y646F FISEYCGEI	13	>EZH2-Y646F FISEHCGEI	29	16
>EZH2-Y646F FISEYCGEII	93	>EZH2-Y646F FISEHCGEII	141	48
>EZH2-Y646F FISEYCGEI	31	>EZH2-Y646F FISEHCGEI	105	74
>EZH2-Y646F FISEYCGEII	164	>EZH2-Y646F FISEHCGEII	318	154
>EZH2-Y646F FISEYCGEI	57	>EZH2-Y646F FISEHCGEI	129	72
>EZH2-Y646F FISEYCGEII	199	>EZH2-Y646F FISEHCGEII	338	139

>EZH2-Y646F FISEYCGEI	105	>EZH2-Y646F FISEHCGEI	229	124
>EZH2-Y646F FISEYCGEII	382	>EZH2-Y646F FISEHCGEII	963	581
>EZH2-Y646F FISEYCGEI	201	>EZH2-Y646F FISEHCGEI	427	226
>EZH2-Y646F EFISEYCGEII	424	>EZH2-Y646F EFISEHCGEII	691	267
>EZH2-Y646F EFISEYCGEI	420	>EZH2-Y646F EFISEHCGEI	998	578
>EZH2-Y646F NEFISEYCGEI	5	>EZH2-Y646F NEFISEHCGEI	5	0
>EZH2-Y646F NEFISEYCGEII	392	>EZH2-Y646F NEFISEHCGEII	429	37
>EZH2-Y646F NEFISEYCGEI	228	>EZH2-Y646F NEFISEHCGEI	453	225
>EZH2-Y646F NEFISEYCGEII	20	>EZH2-Y646F NEFISEHCGEII	25	5
>EZH2-Y646F KNEFISEY	252	>EZH2-Y646F KNEFISEH	14670	14418
>EZH2-Y646F QKNEFISEY	5	>EZH2-Y646F QKNEFISEH	183	178
>EZH2-Y646F QKNEFISEY	387	>EZH2-Y646F QKNEFISEH	30622	30235
>EZH2-Y646F VQKNEFISEY	191	>EZH2-Y646F VQKNEFISEH	20137	19946
>EZH2-Y646F VQKNEFISEY	37	>EZH2-Y646F VQKNEFISEH	665	628
>EZH2-Y646F VQKNEFISEY	329	>EZH2-Y646F VQKNEFISEH	7722	7393
>EZH2-Y646F VQKNEFISEY	4	>EZH2-Y646F VQKNEFISEH	130	126
>EZH2-Y646M PVQKNEFISEI	372	>EZH2-Y646M PVQKNEFISEI	28905	28533
>EZH2-Y646M SEYCGEII	5	>EZH2-Y646M SENCGEII	7	2
>EZH2-Y646M SEYCGEII	30	>EZH2-Y646M SENCGEII	87	57
>EZH2-Y646M SEYCGEII	483	>EZH2-Y646M SENCGEII	1167	684
>EZH2-Y646M SEYCGEII	287	>EZH2-Y646M SENCGEII	336	49
>EZH2-Y646M SEYCGEIIIS	149	>EZH2-Y646M SENCGEIIIS	198	49
>EZH2-Y646M SEYCGEII	84	>EZH2-Y646M SENCGEII	330	246
>EZH2-Y646M SEYCGEIIISQD	457	>EZH2-Y646M SENCGEIIISQD	3601	3144
>EZH2-Y646M ISEYCGEII	70	>EZH2-Y646M ISENCGEII	61	9
>EZH2-Y646M ISEYCGEI	54	>EZH2-Y646M ISENCGEI	83	29
>EZH2-Y646M ISEYCGEII	38	>EZH2-Y646M ISENCGEII	42	4
>EZH2-Y646M FISEYCGEI	29	>EZH2-Y646M FISENCGEI	211	182
>EZH2-Y646M FISEYCGEII	309	>EZH2-Y646M FISENCGEII	636	327
>EZH2-Y646M FISEYCGEI	5	>EZH2-Y646M FISENCGEI	17	12
>EZH2-Y646M FISEYCGEII	108	>EZH2-Y646M FISENCGEII	174	66
>EZH2-Y646M FISEYCGEI	5	>EZH2-Y646M FISENCGEI	10	5
>EZH2-Y646M FISEYCGEII	186	>EZH2-Y646M FISENCGEII	229	43
>EZH2-Y646M FISEYCGEI	13	>EZH2-Y646M FISENCGEI	54	41
>EZH2-Y646M FISEYCGEII	93	>EZH2-Y646M FISENCGEII	126	33
>EZH2-Y646M FISEYCGEI	31	>EZH2-Y646M FISENCGEI	68	37
>EZH2-Y646M FISEYCGEII	164	>EZH2-Y646M FISENCGEII	199	35
>EZH2-Y646M FISEYCGEII	693	>EZH2-Y646M FISENCGEII	307	386
>EZH2-Y646M FISEYCGEI	57	>EZH2-Y646M FISENCGEI	58	1
>EZH2-Y646M FISEYCGEII	199	>EZH2-Y646M FISENCGEII	158	41
>EZH2-Y646M FISEYCGEI	105	>EZH2-Y646M FISENCGEI	113	8
>EZH2-Y646M FISEYCGEII	382	>EZH2-Y646M FISENCGEII	853	471
>EZH2-Y646M FISEYCGEI	201	>EZH2-Y646M FISENCGEI	510	309

>EZH2-Y646M EFISEYCGEII	424	>EZH2-Y646M EFISENCGEII	860	436
>EZH2-Y646M EFISEYCGEI	420	>EZH2-Y646M EFISENCGEI	968	548
>EZH2-Y646M NEFISEYCGEI	5	>EZH2-Y646M NEFISENCGEI	5	0
>EZH2-Y646M NEFISEYCGEI	392	>EZH2-Y646M NEFISENCGEI	1033	641
>EZH2-Y646M NEFISEYCGEI	228	>EZH2-Y646M NEFISENCGEI	418	190
>EZH2-Y646M NEFISEYCGEI	20	>EZH2-Y646M NEFISENCGEI	26	6
>EZH2-Y646M KNEFISEY	252	>EZH2-Y646M KNEFISEN	25694	25442
>EZH2-Y646M QKNEFISEY	5	>EZH2-Y646M QKNEFISEN	2058	2053
>EZH2-Y646M QKNEFISEY	387	>EZH2-Y646M QKNEFISEN	36218	35831
>EZH2-Y646M VQKNEFISEY	191	>EZH2-Y646M VQKNEFISEN	27385	27194
>EZH2-Y646M VQKNEFISEY	37	>EZH2-Y646M VQKNEFISEN	7006	6969
>EZH2-Y646M VQKNEFISEY	329	>EZH2-Y646M VQKNEFISEN	22570	22241
>EZH2-Y646M VQKNEFISEY	4	>EZH2-Y646M VQKNEFISEN	1931	1927
>EZH2-Y646S EYCGEIIISQ	1449	>EZH2-Y646S ESCGEIIISQ	393	1056
>EZH2-Y646S PVQKNEFISE'	372	>EZH2-Y646S PVQKNEFISE'	27986	27614
>EZH2-Y646S SEYCGEII	5	>EZH2-Y646S SESCGEII	7	2
>EZH2-Y646S SEYCGEII	30	>EZH2-Y646S SESCGEII	38	8
>EZH2-Y646S SEYCGEII	483	>EZH2-Y646S SESCGEII	2321	1838
>EZH2-Y646S SEYCGEII	287	>EZH2-Y646S SESCGEII	325	38
>EZH2-Y646S SEYCGEIIS	149	>EZH2-Y646S SESCGEIIS	200	51
>EZH2-Y646S SEYCGEII	84	>EZH2-Y646S SESCGEII	436	352
>EZH2-Y646S SEYCGEIIISQD	457	>EZH2-Y646S SESCGEIIISQD	2266	1809
>EZH2-Y646S ISEYCGEII	70	>EZH2-Y646S ISESCGEII	41	29
>EZH2-Y646S ISEYCGEI	54	>EZH2-Y646S ISESCGEI	61	7
>EZH2-Y646S ISEYCGEII	38	>EZH2-Y646S ISESCGEII	41	3
>EZH2-Y646S FISEYCGEI	29	>EZH2-Y646S FISESCGEI	149	120
>EZH2-Y646S FISEYCGEII	309	>EZH2-Y646S FISESCGEII	610	301
>EZH2-Y646S FISEYCGEI	5	>EZH2-Y646S FISESCGEI	12	7
>EZH2-Y646S FISEYCGEII	108	>EZH2-Y646S FISESCGEII	123	15
>EZH2-Y646S FISEYCGEI	5	>EZH2-Y646S FISESCGEI	7	2
>EZH2-Y646S FISEYCGEII	186	>EZH2-Y646S FISESCGEII	214	28
>EZH2-Y646S FISEYCGEI	13	>EZH2-Y646S FISESCGEI	31	18
>EZH2-Y646S FISEYCGEII	93	>EZH2-Y646S FISESCGEII	98	5
>EZH2-Y646S FISEYCGEI	31	>EZH2-Y646S FISESCGEI	147	116
>EZH2-Y646S FISEYCGEII	164	>EZH2-Y646S FISESCGEII	354	190
>EZH2-Y646S FISEYCGEI	57	>EZH2-Y646S FISESCGEI	75	18
>EZH2-Y646S FISEYCGEII	199	>EZH2-Y646S FISESCGEII	201	2
>EZH2-Y646S FISEYCGEI	105	>EZH2-Y646S FISESCGEI	119	14
>EZH2-Y646S FISEYCGEII	382	>EZH2-Y646S FISESCGEII	523	141
>EZH2-Y646S FISEYCGEI	201	>EZH2-Y646S FISESCGEI	569	368
>EZH2-Y646S EFISEYCGEII	424	>EZH2-Y646S EFISESCGEII	918	494
>EZH2-Y646S EFISEYCGEI	420	>EZH2-Y646S EFISESCGEI	1055	635
>EZH2-Y646S NEFISEYCGEI	5	>EZH2-Y646S NEFISESCGEI	5	0

>EZH2-Y646S NEFISEYCGEI	392	>EZH2-Y646S NEFISESCGEI	1113	721
>EZH2-Y646S NEFISEYCGEI	228	>EZH2-Y646S NEFISESCGEI	398	170
>EZH2-Y646S NEFISEYCGEI	20	>EZH2-Y646S NEFISESCGEI	22	2
>EZH2-Y646S KNEFISEY	252	>EZH2-Y646S KNEFISES	24670	24418
>EZH2-Y646S QKNEFISEY	5	>EZH2-Y646S QKNEFISES	1049	1044
>EZH2-Y646S QKNEFISEY	387	>EZH2-Y646S QKNEFISES	31816	31429
>EZH2-Y646S VQKNEFISEY	191	>EZH2-Y646S VQKNEFISES	25842	25651
>EZH2-Y646S VQKNEFISEY	37	>EZH2-Y646S VQKNEFISES	4382	4345
>EZH2-Y646S VQKNEFISEY	329	>EZH2-Y646S VQKNEFISES	21845	21516
>EZH2-Y646S VQKNEFISEY	4	>EZH2-Y646S VQKNEFISES	866	862
>EZH2-Y731[ YRYSQADALK	33	>EZH2-Y731[ DRYSQADALH	637	604
>EZH2-Y731[ YRYSQADALK	98	>EZH2-Y731[ DRYSQADALH	4539	4441
>EZH2-Y731[ YRYSQADALK	266	>EZH2-Y731[ DRYSQADALH	4287	4021
>EZH2-Y731[ YRYSQADA	482	>EZH2-Y731[ DRYSQADA	6789	6307
>EZH2-Y731[ YRYSQADAL	29	>EZH2-Y731[ DRYSQADAL	1495	1466
>EZH2-Y731[ YRYSQADALK	15	>EZH2-Y731[ DRYSQADALH	520	505
>EZH2-Y731[ YRYSQADAL	77	>EZH2-Y731[ DRYSQADAL	2386	2309
>EZH2-Y731[ YRYSQADALK	96	>EZH2-Y731[ DRYSQADALH	815	719
>EZH2-Y731[ YRYSQADALK	38	>EZH2-Y731[ DRYSQADALH	816	778
>EZH2-Y731[ YRYSQADAL	8	>EZH2-Y731[ DRYSQADAL	84	76
>EZH2-Y731[ YRYSQADA	385	>EZH2-Y731[ DRYSQADA	631	246
>EZH2-Y731[ YRYSQADAL	377	>EZH2-Y731[ DRYSQADAL	1668	1291
>EZH2-Y731[ YRYSQADAL	351	>EZH2-Y731[ DRYSQADAL	1726	1375
>EZH2-Y731[ DRYYSQADAI	85	>EZH2-Y731[ DDRYSQADA	4939	4854
>EZH2-Y731[ DRYYSQADAI	36	>EZH2-Y731[ DDRYSQADA	9949	9913
>EZH2-Y731[ IQTGEELFFD\	105	>EZH2-Y731[ IQTGEELFFDI	24813	24708
>EZH2-Y731[ IQTGEELFFD\	142	>EZH2-Y731[ IQTGEELFFDI	31019	30877
>EZH2-Y731[ IQTGEELFFD\	193	>EZH2-Y731[ IQTGEELFFDI	23626	23433
>EZH2-Y731[ IQTGEELFFD\	136	>EZH2-Y731[ IQTGEELFFDI	21548	21412
>EZH2-Y731[ FDYRYSQA	399	>EZH2-Y731[ FDDRYYSQA	20917	20518
>EZH2-Y731[ FDYRYSQAD/	228	>EZH2-Y731[ FDDRYYSQAD/	3851	3623
>EZH2-Y731[ FDYRYSQAD/	191	>EZH2-Y731[ FDDRYYSQAD/	275	84
>EZH2-Y731[ FDYRYSQAD/	147	>EZH2-Y731[ FDDRYYSQAD/	2169	2022
>EZH2-Y731[ FDYRYSQAD/	492	>EZH2-Y731[ FDDRYYSQAD/	8122	7630
>EZH2-Y731[ FDYRYSQAD/	219	>EZH2-Y731[ FDDRYYSQAD/	376	157
>EZH2-Y731[ LFFDYRYSQ	489	>EZH2-Y731[ LFFDDRYYSQ	1016	527
>EZH2-Y731[ ELFFDYRYSQ,	279	>EZH2-Y731[ ELFFDDRYYSQ	585	306
>EZH2-Y731[ ELFFDYRYSQ,	326	>EZH2-Y731[ ELFFDDRYYSQ	388	62
>EZH2-Y731[ ELFFDYRYSQ,	240	>EZH2-Y731[ ELFFDDRYYSQ	204	36
>EZH2-Y731[ ELFFDYRY	31	>EZH2-Y731[ ELFFDDRY	247	216
>EZH2-Y731[ ELFFDYRY	142	>EZH2-Y731[ ELFFDDRY	335	193
>EZH2-Y731[ ELFFDYRY	106	>EZH2-Y731[ ELFFDDRY	215	109
>EZH2-Y731[ ELFFDYRYSQ,	266	>EZH2-Y731[ ELFFDDRYYSQ	359	93

>EZH2-Y731[ ELFFDYRY	425	>EZH2-Y731[ ELFFDDRY	282	143
>EZH2-Y731[ ELFFDYRY	81	>EZH2-Y731[ ELFFDDRY	283	202
>EZH2-Y731[ EELFFDYRY	327	>EZH2-Y731[ EELFFDDRY	5751	5424
>EZH2-Y731[ EELFFDYR	53	>EZH2-Y731[ EELFFDDR	474	421
>EZH2-Y731[ EELFFDYRY	29	>EZH2-Y731[ EELFFDDRY	425	396
>EZH2-Y731[ EELFFDYRYS(	167	>EZH2-Y731[ EELFFDDRYS(	634	467
>EZH2-Y731[ EELFFDYRYS	413	>EZH2-Y731[ EELFFDDRYS	1099	686
>EZH2-Y731[ EELFFDYR	495	>EZH2-Y731[ EELFFDDR	965	470
>EZH2-Y731[ EELFFDYRY	32	>EZH2-Y731[ EELFFDDRY	54	22
>EZH2-Y731[ EELFFDYRYS	293	>EZH2-Y731[ EELFFDDRYS	633	340
>EZH2-Y731[ EELFFDYRY	232	>EZH2-Y731[ EELFFDDRY	857	625
>EZH2-Y731[ EELFFDYRYS(	255	>EZH2-Y731[ EELFFDDRYS(	636	381
>EZH2-Y731[ EELFFDYR	30	>EZH2-Y731[ EELFFDDR	359	329
>EZH2-Y731[ GEELFFDYRY	156	>EZH2-Y731[ GEELFFDDRY	1776	1620
>EZH2-Y731[ GEELFFDYRY	174	>EZH2-Y731[ GEELFFDDRY	1626	1452
>EZH2-Y731[ GEELFFDYRY	156	>EZH2-Y731[ GEELFFDDRY	757	601
>EZH2-Y731[ GEELFFDY	140	>EZH2-Y731[ GEELFFDD	3975	3835
>EZH2-Y731[ GEELFFDYRY	49	>EZH2-Y731[ GEELFFDDRY	167	118
>EZH2-Y731[ GEELFFDYRY!	321	>EZH2-Y731[ GEELFFDDRY	880	559
>EZH2-Y731[ GEELFFDYR	269	>EZH2-Y731[ GEELFFDDR	2346	2077
>EZH2-Y731[ TGEELFFDY	434	>EZH2-Y731[ TGEELFFDD	25889	25455
>EZH2-Y731[ TGEELFFDYR'	251	>EZH2-Y731[ TGEELFFDDR	828	577
>EZH2-Y731[ TGEELFFDYR	77	>EZH2-Y731[ TGEELFFDDR	809	732
>EZH2-Y731[ QTGEELFFDY	388	>EZH2-Y731[ QTGEELFFDD	33329	32941
>EZH2-Y731[ QTGEELFFDY	269	>EZH2-Y731[ QTGEELFFDD	2911	2642
>EZH2-Y731[ QTGEELFFDY	73	>EZH2-Y731[ QTGEELFFDD	26115	26042
>EZH2-Y731[ QTGEELFFDY	72	>EZH2-Y731[ QTGEELFFDD	29043	28971
>EZH2-Y731[ QTGEELFFDY	494	>EZH2-Y731[ QTGEELFFDD	31089	30595
>EZH2-Y731[ QTGEELFFDY	127	>EZH2-Y731[ QTGEELFFDD	2339	2212
>EZH2-Y731[ QTGEELFFDY	221	>EZH2-Y731[ QTGEELFFDD	1544	1323
>EZH2-Y731[ QTGEELFFDY	16	>EZH2-Y731[ QTGEELFFDD	87	71
>EZH2-Y731[ QTGEELFFDY	11	>EZH2-Y731[ QTGEELFFDD	21434	21423
>EZH2-Y731[ QTGEELFFDY	225	>EZH2-Y731[ QTGEELFFDD	25351	25126
>EZH2-Y731[ QTGEELFFDY	326	>EZH2-Y731[ QTGEELFFDD	27056	26730
>EZH2-Y731[ QTGEELFFDY	269	>EZH2-Y731[ QTGEELFFDD	323	54
>EZH2-Y731[ QTGEELFFDY	74	>EZH2-Y731[ QTGEELFFDD	582	508
>FAM123B-AGAKNKAAEA	1401	>FAM123B-AGTKNKAAEA	210	1191
>FAM123B-ASTREQTAEKG	27	>FAM123B-ASTREQTAEKG	511	484
>FAM123B-AAEKGAKNKA	31	>FAM123B-AAEKGTKNKA	24	7
>FAM123B-AAEKGAKNKA/	126	>FAM123B-AAEKGTKNKA/	112	14
>FAM123B-AQTAEKGAK	357	>FAM123B-AQTAEKGTK	449	92
>FAM123B-AQTAEKGAK	61	>FAM123B-AQTAEKGTK	59	2
>FAM123B-AQTAEKGAKNI	104	>FAM123B-AQTAEKGTKNI	204	100

>FAM123B-A QTAEKGAKNI	470	>FAM123B-A QTAEKGTKNI	328	142
>FAM123B-A REQTAEKGA	106	>FAM123B-A REQTAEKGT	759	653
>FAM123B-A VTYQGGGEEI	474	>FAM123B-A VTYQGGGEEI	425	49
>FAM123B-A GEEMALPDD	485	>FAM123B-A GEEMTLPDD	730	245
>FAM123B-A YQGGGEEMA	302	>FAM123B-A YQGGGEEMT	216	86
>FAM123B-A YQGGGEEMA	45	>FAM123B-A YQGGGEEMT	34	11
>FAM123B-A YQGGGEEMA	160	>FAM123B-A YQGGGEEMT	1475	1315
>FAM123B-A YQGGGEEMA	206	>FAM123B-A YQGGGEEMT	247	41
>FAM123B-A YQGGGEEMA	473	>FAM123B-A YQGGGEEMT	2702	2229
>FAM123B-A YQGGGEEMA	235	>FAM123B-A YQGGGEEMT	168	67
>FAM123B-A YQGGGEEMA	722	>FAM123B-A YQGGGEEMT	365	357
>FAM123B-A YQGGGEEMA	1352	>FAM123B-A YQGGGEEMT	383	969
>FAM123B-A YQGGGEEMA	782	>FAM123B-A YQGGGEEMT	239	543
>FAM123B-A YQGGGEEMA	377	>FAM123B-A YQGGGEEMT	671	294
>FAM123B-A YQGGGEEMA	381	>FAM123B-A YQGGGEEMT	658	277
>FAM123B-A YQGGGEEMA	69	>FAM123B-A YQGGGEEMT	148	79
>FAM123B-A YQGGGEEMA	256	>FAM123B-A YQGGGEEMT	663	407
>FAM123B-A TYQGGGEEM	71	>FAM123B-A TYQGGGEEM	27	44
>FAM123B-A TYQGGGEEM	593	>FAM123B-A TYQGGGEEM	171	422
>FAM123B-A TYQGGGEEM	1554	>FAM123B-A TYQGGGEEM	321	1233
>FAM123B-A TYQGGGEEM	7	>FAM123B-A TYQGGGEEM	6	1
>FAM123B-K EKVVAGEV	1898	>FAM123B-K ENVVAGEV	222	1676
>FAM123B-K GEKVVAGEV	50	>FAM123B-K GENVVAGEV	31	19
>FAM123B-K GEKVVAGEV	451	>FAM123B-K GENVVAGEV	176	275
>FAM123B-K GEKVVAGEV	321	>FAM123B-K GENVVAGEV	147	174
>FAM123B-K GEKVVAGEV	13	>FAM123B-K GENVVAGEV	30	17
>FAM123B-K ETGEKVVAGE	376	>FAM123B-K ETGENVVAGI	188	188
>FAM123B-K ETGEKVVAGE	480	>FAM123B-K ETGENVVAGI	1003	523
>FAM123B-K ETGEKVVA	547	>FAM123B-K ETGENVVA	188	359
>FAM123B-K ETGEKVVAGE	13	>FAM123B-K ETGENVVAGI	10	3
>FAM123B-K ETGEKVVA	1285	>FAM123B-K ETGENVVA	282	1003
>FAM123B-K ETGEKVVAGE	9	>FAM123B-K ETGENVVAGI	6	3
>FAM123B-K SPETGEKV	1963	>FAM123B-K SPETGENV	296	1667
>FAM123B-K SPETGEKVVA	491	>FAM123B-K SPETGENVVA	1090	599
>FAM123B-K HSPETGEKV	294	>FAM123B-K HSPETGENV	140	154
>FAM123B-K HSPETGEKV	201	>FAM123B-K HSPETGENV	187	14
>FAM123B-K HSPETGEKV	666	>FAM123B-K HSPETGENV	256	410
>FAM123B-S SSGPGRLLK	229	>FAM123B-S LSGPGRLLK	267	38
>FAM123B-S SSGPGRLLK	45	>FAM123B-S LSGPGRLLK	245	200
>FAM123B-S SSGPGRLLK	24	>FAM123B-S LSGPGRLLK	119	95
>FAM123B-S SSGPGRLLK	397	>FAM123B-S LSGPGRLLK	1064	667
>FAM123B-S SSGPGRLLK	142	>FAM123B-S LSGPGRLLK	421	279
>FAM123B-S SSSPGRLL	11128	>FAM123B-S SLSPGRLL	88	11040

>FAM123B-S SSSGPGRL	15050	>FAM123B-S SLSGPGRL	123	14927
>FAM123B-S SSSGPGRL	13521	>FAM123B-S SLSGPGRL	18	13503
>FAM123B-S SSSGPGRL	20742	>FAM123B-S SLSGPGRL	118	20624
>FAM123B-S SSSGPGRL	21428	>FAM123B-S SLSGPGRL	7	21421
>FAM123B-S SSSGPGRLKK	34727	>FAM123B-S SLSGPGRLKK	282	34445
>FAM123B-S SSSGPGRLK	290	>FAM123B-S SLSGPGRLK	65	225
>FAM123B-S SSSGPGRLKK	82	>FAM123B-S SLSGPGRLKK	25	57
>FAM123B-S SSSGPGRLK	37	>FAM123B-S SLSGPGRLK	87	50
>FAM123B-S SSSGPGRLKK	14	>FAM123B-S SLSGPGRLKK	30	16
>FAM123B-S SSSGPGRLKK	215	>FAM123B-S SLSGPGRLKK	1404	1189
>FAM123B-S SSSGPGRLKK	319	>FAM123B-S SLSGPGRLKK	438	119
>FAM123B-S SSSGPGRLKK	128	>FAM123B-S SLSGPGRLKK	876	748
>FAM123B-S SSSGPGRL	42	>FAM123B-S SLSGPGRL	7771	7729
>FAM123B-S SSSGPGRLKK	6612	>FAM123B-S SLSGPGRLKK	359	6253
>FAM123B-S SSSGPGRL	432	>FAM123B-S SLSGPGRL	14857	14425
>FAM123B-S ATEGPTSEPSI	6924	>FAM123B-S ATEGPTSEPSI	19	6905
>FAM123B-S ATEGPTSEPSI	14375	>FAM123B-S ATEGPTSEPSI	249	14126
>FAM123B-S ATEGPTSEPSI	3583	>FAM123B-S ATEGPTSEPSI	251	3332
>FAM123B-S PSSSGPGRK	300	>FAM123B-S PSLSGPGRK	396	96
>FAM123B-S EPSSSGPGR	148	>FAM123B-S EPSLSGPGR	413	265
>FAM123B-S SEPSSSGPGR	454	>FAM123B-S SEPSLSGPGR	270	184
>FAM123B-S TSEPSSSGPGI	117	>FAM123B-S TSEPSLSGPGI	149	32
>FAM123B-S EGPTSEPSS	3154	>FAM123B-S EGPTSEPSSL	153	3001
>FAM123B-S TEGPTSEPSS	13843	>FAM123B-S TEGPTSEPSSL	384	13459
>FAM123B-S TEGPTSEPSS	8208	>FAM123B-S TEGPTSEPSSL	492	7716
>FAM123B-S TEGPTSEPSS	14889	>FAM123B-S TEGPTSEPSSL	114	14775
>FAM123B-T TSPGHHGYM	499	>FAM123B-T ISPGHHGYM	179	320
>FAM123B-T TSPGHHGYM	221	>FAM123B-T ISPGHHGYMI	88	133
>FAM123B-T TSPGHHGY	31	>FAM123B-T ISPGHHGY	212	181
>FAM123B-T TSPGHHGYM	30	>FAM123B-T ISPGHHGYM	161	131
>FAM123B-T TSPGHHGY	227	>FAM123B-T ISPGHHGY	807	580
>FAM123B-T TSPGHHGY	167	>FAM123B-T ISPGHHGY	123	44
>FAM123B-T TSPGHHGY	224	>FAM123B-T ISPGHHGY	102	122
>FAM123B-T TSPGHHGYM	154	>FAM123B-T ISPGHHGYMI	2427	2273
>FAM123B-T TSPGHHGY	241	>FAM123B-T ISPGHHGY	35	206
>FAM123B-T TSPGHHGYM	2300	>FAM123B-T ISPGHHGYM	336	1964
>FAM123B-T TSPGHHGYM	2356	>FAM123B-T ISPGHHGYMI	420	1936
>FAM123B-T TSPGHHGY	371	>FAM123B-T ISPGHHGY	287	84
>FAM123B-T TSPGHHGYM	2	>FAM123B-T ISPGHHGYM	2	0
>FAM123B-T TSPGHHGYM	2	>FAM123B-T ISPGHHGYMI	2	0
>FAM123B-T TSPGHHGYM	2	>FAM123B-T ISPGHHGYMI	2	0
>FAM123B-T TSPGHHGYM	200	>FAM123B-T ISPGHHGYMI	98	102
>FAM123B-T TTSPGHHGY	54	>FAM123B-T TISPGHHGY	2970	2916

>FAM123B-T TTSPGHHGYM	484	>FAM123B-T TISPGHHGYM	92	392
>FAM123B-T TTSPGHHGYM	2727	>FAM123B-T TISPGHHGYM	131	2596
>FAM123B-T TTSPGHHGY	123	>FAM123B-T TISPGHHGY	373	250
>FAM123B-T TTSPGHHGY	436	>FAM123B-T TISPGHHGY	2292	1856
>FAM123B-T TTSPGHHGY	235	>FAM123B-T TISPGHHGY	1795	1560
>FAM123B-T TTSPGHHGY	52	>FAM123B-T TISPGHHGY	416	364
>FAM123B-T TTSPGHHGYM	60	>FAM123B-T TISPGHHGYM	439	379
>FAM123B-T TTSPGHHGY	318	>FAM123B-T TISPGHHGY	2524	2206
>FAM123B-T TTSPGHHGY	14	>FAM123B-T TISPGHHGY	20	6
>FAM123B-T TTSPGHHGY	9	>FAM123B-T TISPGHHGY	13	4
>FAM123B-T TTSPGHHGY	82	>FAM123B-T TISPGHHGY	580	498
>FAM123B-T TTSPGHHGYM	227	>FAM123B-T TISPGHHGYM	2071	1844
>FAM123B-T TTSPGHHGYM	24	>FAM123B-T TISPGHHGYM	129	105
>FAM123B-T TTSPGHHGYM	137	>FAM123B-T TISPGHHGYM	495	358
>FAM123B-T TTSPGHHGYM	137	>FAM123B-T TISPGHHGYM	469	332
>FAM123B-T TTSPGHHGY	165	>FAM123B-T TISPGHHGY	215	50
>FAM123B-T TTSPGHHGY	305	>FAM123B-T TISPGHHGY	226	79
>FAM123B-T TTSPGHHGY	533	>FAM123B-T TISPGHHGY	140	393
>FAM123B-T TTSPGHHGY	3	>FAM123B-T TISPGHHGY	92	89
>FAM123B-T TTSPGHHGYM	15	>FAM123B-T TISPGHHGYM	3546	3531
>FAM123B-T TTSPGHHGYM	13	>FAM123B-T TISPGHHGYM	3850	3837
>FAM123B-T TTSPGHHGY	307	>FAM123B-T TISPGHHGY	9085	8778
>FAM123B-T TTSPGHHGY	332	>FAM123B-T TISPGHHGY	7060	6728
>FAM123B-T TTSPGHHGYM	37	>FAM123B-T TISPGHHGYM	5281	5244
>FAM123B-T TTSPGHHGYM	21	>FAM123B-T TISPGHHGYM	2730	2709
>FAM123B-T TTSPGHHGY	53	>FAM123B-T TISPGHHGY	2637	2584
>FAM123B-T TTSPGHHGYM	23	>FAM123B-T TISPGHHGYM	174	151
>FAM123B-T TTSPGHHGYM	139	>FAM123B-T TISPGHHGYM	5243	5104
>FAM123B-T TTSPGHHGYM	477	>FAM123B-T TISPGHHGYM	14779	14302
>FAM123B-T PTTSPGHHG\	277	>FAM123B-T PTISPGHHGY	308	31
>FAM123B-T PTTSPGHH	5076	>FAM123B-T PTISPGHH	288	4788
>FAM123B-T PTTSPGHHG\	37	>FAM123B-T PTISPGHHGY	5	32
>FAM123B-T PTTSPGHHG\	35	>FAM123B-T PTISPGHHGY	4	31
>FAM123B-T PTTSPGHHG\	130	>FAM123B-T PTISPGHHGY	12	118
>FAM123B-T PTTSPGHHG\	2758	>FAM123B-T PTISPGHHGY	337	2421
>FAM123B-T PTTSPGHHG\	505	>FAM123B-T PTISPGHHGY	136	369
>FAM123B-T PTTSPGHHG\	200	>FAM123B-T PTISPGHHGY	49	151
>FAM123B-T PTTSPGHHG\	65	>FAM123B-T PTISPGHHGY	598	533
>FAM123B-T PTTSPGHHG\	415	>FAM123B-T PTISPGHHGY	786	371
>FAM123B-T HPTTSPGHHG	391	>FAM123B-T HPTISPGHHG	455	64
>FAM123B-T HPTTSPGH	192	>FAM123B-T HPTISPGH	220	28
>FAM123B-T HPTTSPGHHG	24	>FAM123B-T HPTISPGHHG	27	3
>FAM123B-T HPTTSPGHHG	355	>FAM123B-T HPTISPGHHG	333	22



>FAM123B-T GYHPTTSPG	353	>FAM123B-T GYHPTISPG	636	283
>FAM123B-T NLGYHPTT	2925	>FAM123B-T NLGYHPTI	238	2687
>FAM123B-T NLGYHPTT	2924	>FAM123B-T NLGYHPTI	146	2778
>FAM123B-T NLGYHPTT	3855	>FAM123B-T NLGYHPTI	119	3736
>FAM123B-T NLGYHPTT	3308	>FAM123B-T NLGYHPTI	427	2881
>FAM123B-T MNLGYHPTT	2602	>FAM123B-T MNLGYHPTI	325	2277
>FAM123B-T MNLGYHPTT	35063	>FAM123B-T MNLGYHPTI	450	34613
>FAM123B-T NMNLGYHPT	1971	>FAM123B-T NMNLGYHPT	180	1791
>FAM123B-T NMNLGYHPT	1861	>FAM123B-T NMNLGYHPT	418	1443
>FAM123B-T NMNLGYHPT	855	>FAM123B-T NMNLGYHPT	32	823
>FAM123B-T NMNLGYHPT	3024	>FAM123B-T NMNLGYHPT	56	2968
>FAM123B-T NMNLGYHPT	3914	>FAM123B-T NMNLGYHPT	165	3749
>FAM123B-T NMNLGYHPT	1939	>FAM123B-T NMNLGYHPT	87	1852
>FAM123B-T NMNLGYHPT	954	>FAM123B-T NMNLGYHPT	86	868
>FAM123B-T NMNLGYHPT	5647	>FAM123B-T NMNLGYHPT	284	5363
>FAM123B-Y YAREAHTWE	201	>FAM123B-Y FAREAHTWE	257	56
>FAM123B-Y YAREAHTWE	205	>FAM123B-Y FAREAHTWE	1531	1326
>FAM123B-Y YAREAHTW	4	>FAM123B-Y FAREAHTW	5	1
>FAM123B-Y YAREAHTW	425	>FAM123B-Y FAREAHTW	476	51
>FAM123B-Y YAREAHTWE	236	>FAM123B-Y FAREAHTWE	300	64
>FAM123B-Y YAREAHTW	362	>FAM123B-Y FAREAHTW	97	265
>FAM123B-Y YAREAHTW	31	>FAM123B-Y FAREAHTW	33	2
>FAM123B-Y YAREAHTW	39	>FAM123B-Y FAREAHTW	33	6
>FAM123B-Y YAREAHTW	257	>FAM123B-Y FAREAHTW	60	197
>FAM123B-Y YAREAHTW	1371	>FAM123B-Y FAREAHTW	421	950
>FAM123B-Y AYAREAHTW	113	>FAM123B-Y AFAREAHTW	477	364
>FAM123B-Y AYAREAHTW	46	>FAM123B-Y AFAREAHTW	198	152
>FAM123B-Y AYAREAHTW	6	>FAM123B-Y AFAREAHTW	56	50
>FAM123B-Y AYAREAHTW	103	>FAM123B-Y AFAREAHTW	2346	2243
>FAM123B-Y AYAREAHTW	536	>FAM123B-Y AFAREAHTW	116	420
>FAM123B-Y YTREAYGREA	24	>FAM123B-Y YTREAYGREA	125	101
>FAM123B-Y YTREAYGREA	24	>FAM123B-Y YTREAYGREA	132	108
>FAM123B-Y YTREAYGREA	13	>FAM123B-Y YTREAYGREA	34	21
>FAM123B-Y YTREAYGREA	121	>FAM123B-Y YTREAYGREA	804	683
>FAM123B-Y YTREAYGREA	48	>FAM123B-Y YTREAYGREA	2801	2753
>FAM123B-Y YTREAYGREA	322	>FAM123B-Y YTREAYGREA	1992	1670
>FAM123B-Y YTREAYGREA	315	>FAM123B-Y YTREAYGREA	12608	12293
>FAM123B-Y YTREAYGREA	48	>FAM123B-Y YTREAYGREA	43	5
>FAM123B-Y YTREAYGREA	115	>FAM123B-Y YTREAYGREA	304	189
>FAM123B-Y YTREAYGREA	80	>FAM123B-Y YTREAYGREA	23	57
>FAM123B-Y YTREAYGREA	9	>FAM123B-Y YTREAYGREA	6	3
>FAM123B-Y YTREAYGREA	189	>FAM123B-Y YTREAYGREA	504	315
>FAM123B-Y YTREAYGREA	10	>FAM123B-Y YTREAYGREA	13	3

>FAM123B-Y YTREAYGRE	393	>FAM123B-Y YTREAYGRE	1519	1126
>FAM123B-Y EAYAREHTV	822	>FAM123B-Y EAFAREHTV	472	350
>FAM123B-Y EAYAREHTV	10	>FAM123B-Y EAFAREHTV	17	7
>FAM123B-Y EAYAREHTV	48	>FAM123B-Y EAFAREHTV	43	5
>FAM123B-Y EAYAREHTV	21	>FAM123B-Y EAFAREHTV	25	4
>FAM123B-Y EAYAREHTV	78	>FAM123B-Y EAFAREHTV	109	31
>FAM123B-Y REAYAREHT	219	>FAM123B-Y REAFAREHT	147	72
>FAM123B-Y REAYAREAH	404	>FAM123B-Y REAFAREAH	654	250
>FAM123B-Y REAYAREHT	253	>FAM123B-Y REAFAREHT	404	151
>FAM123B-Y REAYAREA	590	>FAM123B-Y REAFAREA	443	147
>FAM123B-Y REAYAREHT	230	>FAM123B-Y REAFAREHT	333	103
>FAM123B-Y REAYAREHT	176	>FAM123B-Y REAFAREHT	204	28
>FAM123B-Y REAYAREHT	55	>FAM123B-Y REAFAREHT	65	10
>FAM123B-Y REAYAREA	25	>FAM123B-Y REAFAREA	27	2
>FAM123B-Y REAYAREHT	300	>FAM123B-Y REAFAREHT	623	323
>FAM123B-Y REAYAREHT	378	>FAM123B-Y REAFAREHT	518	140
>FAM123B-Y REAYAREHT	164	>FAM123B-Y REAFAREHT	235	71
>FAM123B-Y REAYAREHT	235	>FAM123B-Y REAFAREHT	407	172
>FAM123B-Y AYGREAYAR	190	>FAM123B-Y AYGREAFAR	117	73
>FAM123B-Y AYGREAYAR	46	>FAM123B-Y AYGREAFAR	141	95
>FAM123B-Y EAYGREAY	114	>FAM123B-Y EAYGREAF	1393	1279
>FAM123B-Y EAYGREAY	47	>FAM123B-Y EAYGREAF	200	153
>FAM123B-Y EAYGREAY	207	>FAM123B-Y EAYGREAF	1791	1584
>FAM123B-Y EAYGREAYAF	115	>FAM123B-Y EAYGREAFAR	101	14
>FAM123B-Y EAYGREAYAF	86	>FAM123B-Y EAYGREAFAR	49	37
>FAM123B-Y EAYGREAY	125	>FAM123B-Y EAYGREAF	2325	2200
>FAM123B-Y EAYGREAYAF	5	>FAM123B-Y EAYGREAFAR	6	1
>FAM123B-Y EAYGREAYA	138	>FAM123B-Y EAYGREAF	169	31
>FAM123B-Y EAYGREAY	1622	>FAM123B-Y EAYGREAF	360	1262
>FAM123B-Y EAYGREAY	102	>FAM123B-Y EAYGREAF	69	33
>FAM123B-Y EAYGREAY	23	>FAM123B-Y EAYGREAF	44	21
>FAM123B-Y EAYGREAYAF	165	>FAM123B-Y EAYGREAFAR	446	281
>FAM123B-Y REAYGREAY	218	>FAM123B-Y REAYGREAF	15558	15340
>FAM123B-Y REAYGREAY	97	>FAM123B-Y REAYGREAF	101	4
>FAM123B-Y REAYGREAY	68	>FAM123B-Y REAYGREAF	14	54
>FAM123B-Y REAYGREAY	77	>FAM123B-Y REAYGREAF	88	11
>FAM123B-Y REAYGREAY	144	>FAM123B-Y REAYGREAF	10	134
>FAM123B-Y REAYGREAY	3322	>FAM123B-Y REAYGREAF	209	3113
>FAM123B-Y REAYGREAYAF	141	>FAM123B-Y REAYGREAF	217	76
>FAM123B-Y REAYGREAYAF	51	>FAM123B-Y REAYGREAF	55	4
>FAM123B-Y REAYGREAY	930	>FAM123B-Y REAYGREAF	41	889
>FAM123B-Y REAYGREAYAF	306	>FAM123B-Y REAYGREAF	616	310
>FAM123B-Y TREAYGREAY	1043	>FAM123B-Y TREAYGREAF	350	693

>FANCA-P50\PSKYRSL	1024	>FANCA-P50\ASKYRSL	27	997
>FANCA-P50\PSKYRSLT	2231	>FANCA-P50\ASKYRSLT	67	2164
>FANCA-P50\PSKYRSLTD	4814	>FANCA-P50\ASKYRSLTD	402	4412
>FANCA-P50\PSKYRSLTDY	816	>FANCA-P50\ASKYRSLTDY	150	666
>FANCA-P50\PSKYRSLTDY	3890	>FANCA-P50\ASKYRSLTDY	143	3747
>FANCA-P50\PSKYRSLTDY	1444	>FANCA-P50\ASKYRSLTDY	121	1323
>FANCA-P50\PSKYRSL	6793	>FANCA-P50\ASKYRSL	42	6751
>FANCA-P50\PSKYRSLTDY	2303	>FANCA-P50\ASKYRSLTDY	13	2290
>FANCA-P50\PSKYRSLTDY	2330	>FANCA-P50\ASKYRSLTDY	62	2268
>FANCA-P50\VPSKYRSL	464	>FANCA-P50\VASKYRSL	34	430
>FANCA-P50\VPSKYRSL	4696	>FANCA-P50\VASKYRSL	201	4495
>FANCA-P50\VPSKYRSL	11	>FANCA-P50\VASKYRSL	1234	1223
>FANCA-P50\VPSKYRSL	18	>FANCA-P50\VASKYRSL	4217	4199
>FANCA-P50\VPSKYRSL	156	>FANCA-P50\VASKYRSL	530	374
>FANCA-P50\VPSKYRSL	5765	>FANCA-P50\VASKYRSL	479	5286
>FANCA-P50\VPSKYRSL	184	>FANCA-P50\VASKYRSL	43	141
>FANCA-P50\VPSKYRSL	308	>FANCA-P50\VASKYRSL	7281	6973
>FANCA-P50\QVHILHPPLV	2949	>FANCA-P50\QVHILHPPLV	111	2838
>FANCA-P50\LVPSKYRSL	192	>FANCA-P50\LVASKYRSL	374	182
>FANCA-P50\LVPSKYRSL	4519	>FANCA-P50\LVASKYRSL	315	4204
>FANCA-P50\LVPSKYRSL	310	>FANCA-P50\LVASKYRSL	92	218
>FANCA-P50\LVPSKYRSL	1334	>FANCA-P50\LVASKYRSL	215	1119
>FANCA-P50\LVPSKYRSL	4288	>FANCA-P50\LVASKYRSL	138	4150
>FANCA-P50\LVPSKYRSL	357	>FANCA-P50\LVASKYRSL	99	258
>FANCA-P50\LVPSKYRSL	151	>FANCA-P50\LVASKYRSL	10415	10264
>FANCA-P50\LVPSKYRSL	16	>FANCA-P50\LVASKYRSL	1955	1939
>FANCA-P50\LVPSKYRSL	231	>FANCA-P50\LVASKYRSL	140	91
>FANCA-P50\PLVPSKYRSL	140	>FANCA-P50\PLVASKYRSL	291	151
>FANCA-P50\PLVPSKYRSL	42	>FANCA-P50\PLVASKYRSL	77	35
>FANCA-P50\PLVPSKYR	103	>FANCA-P50\PLVASKYR	79	24
>FANCA-P50\PPLVPSKYRSI	4775	>FANCA-P50\PPLVASKYRSI	243	4532
>FANCA-P50\PPLVPSKYRSI	448	>FANCA-P50\PPLVASKYRSI	607	159
>FANCA-P50\PPLVPSKY	774	>FANCA-P50\PPLVASKY	318	456
>FANCA-P50\PPLVPSKY	497	>FANCA-P50\PPLVASKY	470	27
>FANCA-P50\HPPLVPSKYR	231	>FANCA-P50\HPPLVASKYR	218	13
>FANCA-P50\HPPLVPSKY	97	>FANCA-P50\HPPLVASKY	54	43
>FANCA-P50\HPPLVPSKYR	115	>FANCA-P50\HPPLVASKYR	105	10
>FANCA-P50\LHPPLVPSKYI	261	>FANCA-P50\LHPPLVASKYI	224	37
>FANCA-P50\ILHPPLVP	13118	>FANCA-P50\ILHPPLVA	61	13057
>FANCA-P50\ILHPPLVP	4814	>FANCA-P50\ILHPPLVA	21	4793
>FANCA-P50\ILHPPLVPS	233	>FANCA-P50\ILHPPLVAS	214	19
>FANCA-P50\ILHPPLVP	6247	>FANCA-P50\ILHPPLVA	16	6231
>FANCA-P50\ILHPPLVPS	363	>FANCA-P50\ILHPPLVAS	413	50

>FANCA-P50!ILHPPLVPSK	197	>FANCA-P50!ILHPPLVASK	223	26
>FANCA-P50!ILHPPLVPSK	69	>FANCA-P50!ILHPPLVASK	46	23
>FANCA-P50!ILHPPLVPSKY	140	>FANCA-P50!ILHPPLVASKY	144	4
>FANCA-P50!ILHPPLVPSK	388	>FANCA-P50!ILHPPLVASK	762	374
>FANCA-P50!ILHPPLVPSKY	55	>FANCA-P50!ILHPPLVASKY	57	2
>FANCA-P50!ILHPPLVPSK	19	>FANCA-P50!ILHPPLVASK	30	11
>FANCA-P50!ILHPPLVPSKY	108	>FANCA-P50!ILHPPLVASKY	80	28
>FANCA-P50!ILHPPLVPSKY	370	>FANCA-P50!ILHPPLVASKY	261	109
>FANCA-P50!ILHPPLVPSKY	77	>FANCA-P50!ILHPPLVASKY	69	8
>FANCA-P50!ILHPPLVPSKY	66	>FANCA-P50!ILHPPLVASKY	79	13
>FANCA-P50!ILHPPLVPSKY	68	>FANCA-P50!ILHPPLVASKY	43	25
>FANCA-P50!ILHPPLVPSKY	164	>FANCA-P50!ILHPPLVASKY	85	79
>FANCA-P50!HILHPPLVPSK	59	>FANCA-P50!HILHPPLVASK	53	6
>FANCA-P50!HILHPPLVPSK	77	>FANCA-P50!HILHPPLVASK	86	9
>FANCA-P50!HILHPPLVPSK	13	>FANCA-P50!HILHPPLVASK	17	4
>FANCA-S10!SFQAEQPI	71	>FANCA-S10!GFQAEQPI	1406	1335
>FANCA-S10!SFQAEQPITA	67	>FANCA-S10!GFQAEQPITA	122	55
>FANCA-S10!SFQAEQPITA	199	>FANCA-S10!GFQAEQPITA	1357	1158
>FANCA-S10!SSFQAEQPI	189	>FANCA-S10!SGFQAEQPI	870	681
>FANCA-S10!SSFQAEQPI	180	>FANCA-S10!SGFQAEQPI	11351	11171
>FANCA-S10!SSFQAEQPI	231	>FANCA-S10!SGFQAEQPI	3190	2959
>FANCA-S10!SSFQAEQPI	45	>FANCA-S10!SGFQAEQPI	9505	9460
>FANCA-S10!SSFQAEQPI	21	>FANCA-S10!SGFQAEQPI	252	231
>FANCA-S10!CGSSFQAEQF	172	>FANCA-S10!CGSGFQAEQF	325	153
>FANCA-S10!VLCGSSFQA	152	>FANCA-S10!VLCGSGFQA	805	653
>FANCA-S10!VLCGSSFQA	40	>FANCA-S10!VLCGSGFQA	158	118
>FANCA-S10!VLCGSSFQA	107	>FANCA-S10!VLCGSGFQA	245	138
>FANCA-S10!VLCGSSFQA	475	>FANCA-S10!VLCGSGFQA	1053	578
>FANCA-S10!VLCGSSFQA	9	>FANCA-S10!VLCGSGFQA	11	2
>FANCA-S10!VLCGSSFQA	38	>FANCA-S10!VLCGSGFQA	60	22
>FANCA-S10!VLCGSSFQA	31	>FANCA-S10!VLCGSGFQA	340	309
>FANCA-S10!VLCGSSFQ	41	>FANCA-S10!VLCGSGFQ	222	181
>FANCA-S10!VLCGSSFQA	3	>FANCA-S10!VLCGSGFQA	4	1
>FANCA-S10!VLCGSSFQAE	16	>FANCA-S10!VLCGSGFQAE	17	1
>FANCA-S10!SVLCGSSFQA	166	>FANCA-S10!SVLCGSGFQA	167	1
>FANCA-S10!SVLCGSSFQA	225	>FANCA-S10!SVLCGSGFQA	322	97
>FANCA-S10!SVLCGSSFQA	163	>FANCA-S10!SVLCGSGFQA	339	176
>FANCA-S10!SVLCGSSF	362	>FANCA-S10!SVLCGSGF	341	21
>FANCA-S10!SVLCGSSFQA	337	>FANCA-S10!SVLCGSGFQA	794	457
>FANCA-S10!SVLCGSSF	416	>FANCA-S10!SVLCGSGF	1626	1210
>FANCA-S10!SVLCGSSFQA	37	>FANCA-S10!SVLCGSGFQA	77	40
>FANCA-S10!SVLCGSSF	81	>FANCA-S10!SVLCGSGF	234	153
>FANCA-S10!SVLCGSSF	135	>FANCA-S10!SVLCGSGF	160	25

>FANCA-S10!SVLCGSSF	50	>FANCA-S10!SVLCGSGF	400	350
>FANCA-S10!SVLCGSSF	115	>FANCA-S10!SVLCGSGF	135	20
>FANCA-S10!SVLCGSSF	307	>FANCA-S10!SVLCGSGF	846	539
>FANCA-S10!SVLCGSSFQ	249	>FANCA-S10!SVLCGSGFQ	3255	3006
>FANCA-S10!SSVLCGSSF	504	>FANCA-S10!SSVLCGSGF	393	111
>FANCA-S10!SSVLCGSSF	85	>FANCA-S10!SSVLCGSGF	315	230
>FANCA-S10!SSVLCGSSF	28	>FANCA-S10!SSVLCGSGF	109	81
>FANCA-S10!SSVLCGSSF	4	>FANCA-S10!SSVLCGSGF	4	0
>FANCA-S10!SSVLCGSSF	3	>FANCA-S10!SSVLCGSGF	6	3
>FANCA-S10!PSSVLCGSSF	333	>FANCA-S10!PSSVLCGSGF	1002	669
>FANCA-S10!PSSVLCGSSF	68	>FANCA-S10!PSSVLCGSGF	114	46
>FANCA-S10!LPSSVLCGSSF	193	>FANCA-S10!LPSSVLCGSGI	942	749
>FANCA-S10!LPSSVLCGSSF	67	>FANCA-S10!LPSSVLCGSGI	277	210
>FANCA-S10!LPSSVLCGSSF	101	>FANCA-S10!LPSSVLCGSGI	327	226
>FANCA-S10!LPSSVLCGSSF	16	>FANCA-S10!LPSSVLCGSGI	20	4
>FANCA-S10!LPSSVLCGSSF	41	>FANCA-S10!LPSSVLCGSGI	108	67
>FANCA-S10!LPSSVLCGSSF	69	>FANCA-S10!LPSSVLCGSGI	148	79
>FANCA-S10!LPSSVLCGSSF	123	>FANCA-S10!LPSSVLCGSGI	3112	2989
>FANCA-S10!LPSSVLCGSSF	59	>FANCA-S10!LPSSVLCGSGI	266	207
>FANCA-W9!WLHLELEI	420	>FANCA-W9!LLHLELEI	400	20
>FANCA-W9!WLHLELEI	185	>FANCA-W9!LLHLELEI	236	51
>FANCA-W9!WLHLELEI	161	>FANCA-W9!LLHLELEI	205	44
>FANCA-W9!WLHLELEI	46	>FANCA-W9!LLHLELEI	52	6
>FANCA-W9!WLHLELEI	355	>FANCA-W9!LLHLELEI	358	3
>FANCA-W9!WLHLELEI	286	>FANCA-W9!LLHLELEI	484	198
>FANCA-W9!WLHLELEI	33	>FANCA-W9!LLHLELEI	23	10
>FANCA-W9!DWLHLELEI	22696	>FANCA-W9!DLLHLELEI	277	22419
>FANCA-W9!EEDVHLTYQI	15363	>FANCA-W9!EEDVHLTYQI	342	15021
>FANCA-W9!EEDVHLTYQI	121	>FANCA-W9!EEDVHLTYQI	2386	2265
>FANCA-W9!EEDVHLTYQI	81	>FANCA-W9!EEDVHLTYQI	1518	1437
>FANCA-W9!QDWLHLELEI	106	>FANCA-W9!QDLLHLELEI	154	48
>FANCA-W9!QDWLHLELEI	675	>FANCA-W9!QDLLHLELEI	454	221
>FANCA-W9!QDWLHLELEI	63	>FANCA-W9!QDLLHLELEI	44	19
>FANCA-W9!YQDWLHLELEI	48	>FANCA-W9!YQDLLHLELEI	231	183
>FANCA-W9!YQDWLHLELEI	50	>FANCA-W9!YQDLLHLELEI	197	147
>FANCA-W9!YQDWLHLELEI	417	>FANCA-W9!YQDLLHLELEI	531	114
>FANCA-W9!YQDWLHLELEI	11	>FANCA-W9!YQDLLHLELEI	39	28
>FANCA-W9!YQDWLHLELEI	14	>FANCA-W9!YQDLLHLELEI	45	31
>FANCA-W9!YQDWLHLELEI	16	>FANCA-W9!YQDLLHLELEI	378	362
>FANCA-W9!YQDWLHLELEI	33	>FANCA-W9!YQDLLHLELEI	479	446
>FANCA-W9!YQDWLHLELEI	74	>FANCA-W9!YQDLLHLELEI	1064	990
>FANCA-W9!YQDWLHLELEI	122	>FANCA-W9!YQDLLHLELEI	1040	918
>FANCA-W9!YQDWLHLELEI	16	>FANCA-W9!YQDLLHLELEI	35	19

>FANCA-W9:YQDWLHLELI	204	>FANCA-W9:YQDLLHLELEI	531	327
>FANCA-W9:YQDWLHLEL	41	>FANCA-W9:YQDLLHLEL	484	443
>FANCA-W9:YQDWLHLELI	486	>FANCA-W9:YQDLLHLELEI	3308	2822
>FANCA-W9:TYQDWLHL	3532	>FANCA-W9:TYQDLLHL	280	3252
>FANCA-W9:TYQDWLHL	24	>FANCA-W9:TYQDLLHL	55	31
>FANCA-W9:TYQDWLHLE	303	>FANCA-W9:TYQDLLHLE	3132	2829
>FANCA-W9:TYQDWLHL	113	>FANCA-W9:TYQDLLHL	380	267
>FANCA-W9:TYQDWLHL	15	>FANCA-W9:TYQDLLHL	10	5
>FANCA-W9:TYQDWLHLEI	8	>FANCA-W9:TYQDLLHLEL	7	1
>FANCA-W9:TYQDWLHL	145	>FANCA-W9:TYQDLLHL	171	26
>FANCA-W9:TYQDWLHLEI	34	>FANCA-W9:TYQDLLHLEL	40	6
>FANCA-W9:TYQDWLHLEI	352	>FANCA-W9:TYQDLLHLEL	494	142
>FANCA-W9:LTYQDWLHL	181	>FANCA-W9:LTYQDLLHL	486	305
>FANCA-W9:LTYQDWLHLI	266	>FANCA-W9:LTYQDLLHLEI	519	253
>FANCA-W9:LTYQDWLHL	77	>FANCA-W9:LTYQDLLHL	60	17
>FANCA-W9:LTYQDWLHLI	227	>FANCA-W9:LTYQDLLHLEI	240	13
>FANCA-W9:LTYQDWLHL	344	>FANCA-W9:LTYQDLLHL	255	89
>FANCA-W9:LTYQDWLHLI	113	>FANCA-W9:LTYQDLLHLEI	173	60
>FANCA-W9:LTYQDWLHL	379	>FANCA-W9:LTYQDLLHL	598	219
>FANCA-W9:LTYQDWLHL	1137	>FANCA-W9:LTYQDLLHL	377	760
>FANCA-W9:LTYQDWLHLI	476	>FANCA-W9:LTYQDLLHLEI	420	56
>FANCA-W9:LTYQDWLHL	935	>FANCA-W9:LTYQDLLHL	69	866
>FANCA-W9:LTYQDWLH	424	>FANCA-W9:LTYQDLLH	408	16
>FANCA-W9:LTYQDWLHLI	471	>FANCA-W9:LTYQDLLHLEI	473	2
>FANCA-W9:LTYQDWLHL	346	>FANCA-W9:LTYQDLLHL	405	59
>FANCA-W9:LTYQDWLH	643	>FANCA-W9:LTYQDLLH	294	349
>FANCA-W9:LTYQDWLHL	11	>FANCA-W9:LTYQDLLHL	12	1
>FANCA-W9:LTYQDWLHLI	6	>FANCA-W9:LTYQDLLHLEI	6	0
>FANCA-W9:LTYQDWLHL	135	>FANCA-W9:LTYQDLLHL	85	50
>FANCA-W9:LTYQDWLHLI	199	>FANCA-W9:LTYQDLLHLEI	191	8
>FANCA-W9:LTYQDWLHL	547	>FANCA-W9:LTYQDLLHL	395	152
>FANCA-W9:LTYQDWLHLI	119	>FANCA-W9:LTYQDLLHLEI	110	9
>FANCA-W9:LTYQDWLHL	37	>FANCA-W9:LTYQDLLHL	28	9
>FANCA-W9:LTYQDWLHLI	91	>FANCA-W9:LTYQDLLHLEI	97	6
>FANCA-W9:HLTYQDWLH	1758	>FANCA-W9:HLTYQDLLHL	411	1347
>FANCA-W9:HLTYQDWL	20	>FANCA-W9:HLTYQDLL	30	10
>FANCA-W9:HLTYQDWLH	536	>FANCA-W9:HLTYQDLLHL	209	327
>FANCA-W9:HLTYQDWLH	1456	>FANCA-W9:HLTYQDLLHL	411	1045
>FANCA-W9:HLTYQDWL	444	>FANCA-W9:HLTYQDLL	684	240
>FANCA-W9:HLTYQDWLH	232	>FANCA-W9:HLTYQDLLHL	246	14
>FANCA-W9:HLTYQDWL	276	>FANCA-W9:HLTYQDLL	710	434
>FANCA-W9:HLTYQDWLH	89	>FANCA-W9:HLTYQDLLHL	221	132
>FANCA-W9:HLTYQDWL	31	>FANCA-W9:HLTYQDLL	80	49

>FANCA-W9:HLTYQDWLH	42	>FANCA-W9:HLTYQDLLHL	42	0
>FANCA-W9:HLTYQDWLH	405	>FANCA-W9:HLTYQDLLHL	2287	1882
>FANCA-W9:VHLTYQDW	5074	>FANCA-W9:VHLTYQDL	164	4910
>FANCA-W9:VHLTYQDWL	735	>FANCA-W9:VHLTYQDLL	234	501
>FANCA-W9:VHLTYQDWL	208	>FANCA-W9:VHLTYQDLLH	321	113
>FANCA-W9:VHLTYQDW	1633	>FANCA-W9:VHLTYQDL	421	1212
>FANCA-W9:VHLTYQDWL	1297	>FANCA-W9:VHLTYQDLL	334	963
>FANCA-W9:VHLTYQDW	29	>FANCA-W9:VHLTYQDL	5250	5221
>FANCA-W9:VHLTYQDWL	105	>FANCA-W9:VHLTYQDLL	146	41
>FANCA-W9:DVHLTYQDW	453	>FANCA-W9:DVHLTYQDLL	4060	3607
>FANCA-W9:EDVHLTYQD\	498	>FANCA-W9:EDVHLTYQDL	8421	7923
>FANCA-W9:EDVHLTYQD\	613	>FANCA-W9:EDVHLTYQDL	155	458
>FANCE-H23:EHKSLESL	13090	>FANCE-H23:EYKSLESL	119	12971
>FANCE-H23:EHKSLESL	21963	>FANCE-H23:EYKSLESL	174	21789
>FANCE-H23:EHKSLESL	2390	>FANCE-H23:EYKSLESL	207	2183
>FANCE-H23:PEHKSLESL	2205	>FANCE-H23:PEYKSLESL	197	2008
>FANCE-H23:PEHKSLESL	219	>FANCE-H23:PEYKSLESL	130	89
>FANCE-H23:PEHKSLES\A	1034	>FANCE-H23:PEYKSLES\A	260	774
>FANCE-H23:PEHKSLESL	149	>FANCE-H23:PEYKSLESL	60	89
>FANCE-H23:RPEHKSLESL	31	>FANCE-H23:RPEYKSLESL	48	17
>FANCE-H23:RPEHKSLES\A	422	>FANCE-H23:RPEYKSLES\A	566	144
>FANCE-H23:KERPEHKS\	3696	>FANCE-H23:KERPEYKSL	495	3201
>FANCE-H23:KERPEHKS\	190	>FANCE-H23:KERPEYKSL	125	65
>FANCE-H23:KERPEHKS\	101	>FANCE-H23:KERPEYKSL	117	16
>FANCE-H23:KERPEHKS\	940	>FANCE-H23:KERPEYKSL	313	627
>FANCE-H23:HEKERPEHKS	315	>FANCE-H23:HEKERPEYKS\	99	216
>FANCE-H23:HEKERPEH	4457	>FANCE-H23:HEKERPEY	90	4367
>FANCE-H23:HEKERPEHKS	437	>FANCE-H23:HEKERPEYKS\	339	98
>FANCE-H23:HEKERPEHKS	124	>FANCE-H23:HEKERPEYKS\	121	3
>FANCE-H23:HEKERPEHKS	138	>FANCE-H23:HEKERPEYKS\	83	55
>FANCF-P18:PARFLSSL	951	>FANCF-P18:LARFLSSL	114	837
>FANCF-P18:PARFLSSLWE	2657	>FANCF-P18:LARFLSSLWE\	373	2284
>FANCF-P18:PARFLSSLWE	493	>FANCF-P18:LARFLSSLWE\	22	471
>FANCF-P18:PARFLSSLWE	356	>FANCF-P18:LARFLSSLWE\	71	285
>FANCF-P18:PARFLSSLWE	3157	>FANCF-P18:LARFLSSLWE\	143	3014
>FANCF-P18:PARFLSSL	3404	>FANCF-P18:LARFLSSL	161	3243
>FANCF-P18:PARFLSSL	2808	>FANCF-P18:LARFLSSL	220	2588
>FANCF-P18:PARFLSSL	4524	>FANCF-P18:LARFLSSL	344	4180
>FANCF-P18:PARFLSSL	2453	>FANCF-P18:LARFLSSL	23	2430
>FANCF-P18:PARFLSSLW	787	>FANCF-P18:LARFLSSLW	8	779
>FANCF-P18:PARFLSSLW	2012	>FANCF-P18:LARFLSSLW	219	1793
>FANCF-P18:PARFLSSLW	887	>FANCF-P18:LARFLSSLW	50	837
>FANCF-P18:PARFLSSLW	6738	>FANCF-P18:LARFLSSLW	40	6698

>FANCF-P18! PARFLSSLW	545	>FANCF-P18! LARFLSSLW	8	537
>FANCF-P18! PARFLSSLW	3060	>FANCF-P18! LARFLSSLW	71	2989
>FANCF-P18! RPARFLSSL	22304	>FANCF-P18! RLARFLSSL	38	22266
>FANCF-P18! RPARFLSSL	12699	>FANCF-P18! RLARFLSSL	4	12695
>FANCF-P18! RPARFLSS	22906	>FANCF-P18! RLARFLSS	363	22543
>FANCF-P18! RPARFLSSL	13818	>FANCF-P18! RLARFLSSL	3	13815
>FANCF-P18! RPARFLSSL	9879	>FANCF-P18! RLARFLSSL	50	9829
>FANCF-P18! RPARFLSSL	18650	>FANCF-P18! RLARFLSSL	7	18643
>FANCF-P18! RPARFLSSL	22673	>FANCF-P18! RLARFLSSL	21	22652
>FANCF-P18! RPARFLSSL	24632	>FANCF-P18! RLARFLSSL	48	24584
>FANCF-P18! RPARFLSSL	24187	>FANCF-P18! RLARFLSSL	63	24124
>FANCF-P18! RPARFLSSL	25526	>FANCF-P18! RLARFLSSL	3	25523
>FANCF-P18! RPARFLSSL	10548	>FANCF-P18! RLARFLSSL	93	10455
>FANCF-P18! RPARFLSSLW	15691	>FANCF-P18! RLARFLSSLW	214	15477
>FANCF-P18! RPARFLSS	310	>FANCF-P18! RLARFLSS	19895	19585
>FANCF-P18! RPARFLSSL	8	>FANCF-P18! RLARFLSSL	265	257
>FANCF-P18! RPARFLSSL	167	>FANCF-P18! RLARFLSSL	182	15
>FANCF-P18! RPARFLSSL	15554	>FANCF-P18! RLARFLSSL	258	15296
>FANCF-P18! RPARFLSSL	562	>FANCF-P18! RLARFLSSL	90	472
>FANCF-P18! RPARFLSSLW	3914	>FANCF-P18! RLARFLSSLW	178	3736
>FANCF-P18! RPARFLSSLW	368	>FANCF-P18! RLARFLSSLW	95	273
>FANCF-P18! RPARFLSSLW	104	>FANCF-P18! RLARFLSSLW	16	88
>FANCF-P18! RPARFLSSL	120	>FANCF-P18! RLARFLSSL	85	35
>FANCF-P18! RPARFLSSL	50	>FANCF-P18! RLARFLSSL	5785	5735
>FANCF-P18! RPARFLSSLW	15	>FANCF-P18! RLARFLSSLW	4331	4316
>FANCF-P18! RPARFLSSL	909	>FANCF-P18! RLARFLSSL	230	679
>FANCF-P18! RPARFLSSLW	413	>FANCF-P18! RLARFLSSLW	555	142
>FANCF-P18! QEVGKAEAEI	5436	>FANCF-P18! QEVGKAEAEI	25	5411
>FANCF-P18! ERPARFLSSL	2038	>FANCF-P18! ERLARFLSSL	475	1563
>FANCF-P18! ERPARFLSSL	781	>FANCF-P18! ERLARFLSSL	53	728
>FANCF-P18! ERPARFLSSL	2250	>FANCF-P18! ERLARFLSSL	134	2116
>FANCF-P18! ERPARFLSSL	714	>FANCF-P18! ERLARFLSSL	276	438
>FANCF-P18! ERPARFLSSL	348	>FANCF-P18! ERLARFLSSL	112	236
>FANCF-P18! AERPARFL	28	>FANCF-P18! AERLARFL	4	24
>FANCF-P18! AERPARFLSSI	477	>FANCF-P18! AERLARFLSSI	334	143
>FANCF-P18! AERPARFLSSI	356	>FANCF-P18! AERLARFLSSI	854	498
>FANCF-P18! AERPARFL	339	>FANCF-P18! AERLARFL	288	51
>FANCF-P18! AERPARFLSSI	180	>FANCF-P18! AERLARFLSSI	180	0
>FANCF-P18! AERPARFL	99	>FANCF-P18! AERLARFL	32	67
>FANCF-P18! AERPARFLS	1170	>FANCF-P18! AERLARFLS	381	789
>FANCF-P18! AERPARFLSS	760	>FANCF-P18! AERLARFLSS	422	338
>FANCF-P18! AERPARFLSSI	19	>FANCF-P18! AERLARFLSSI	13	6
>FANCF-P18! AERPARFL	345	>FANCF-P18! AERLARFL	356	11



>FANCF-P18! AERPARFL	512	>FANCF-P18! AERLARFL	343	169
>FANCF-P18! AERPARFLS	198	>FANCF-P18! AERLARFLS	107	91
>FANCF-P18! AERPARFLSS	114	>FANCF-P18! AERLARFLSS	88	26
>FANCF-P18! AERPARFLSSI	479	>FANCF-P18! AERLARFLSSI	343	136
>FANCF-P18! AERPARFL	34	>FANCF-P18! AERLARFL	20	14
>FANCF-P18! AERPARFLS	296	>FANCF-P18! AERLARFLS	152	144
>FANCF-P18! AERPARFLSSI	12	>FANCF-P18! AERLARFLSSI	7	5
>FANCF-P18! AEAERPARFL	90	>FANCF-P18! AEAERLARFL	20	70
>FANCF-P18! AEAERPARFL	273	>FANCF-P18! AEAERLARFL	259	14
>FANCF-P18! AEAERPARF	470	>FANCF-P18! AEAERLARF	441	29
>FANCF-P18! AEAERPARFL	53	>FANCF-P18! AEAERLARFL	40	13
>FANCF-P18! AEAERPARF	117	>FANCF-P18! AEAERLARF	110	7
>FANCF-P18! AEAERPARFL	402	>FANCF-P18! AEAERLARFL	154	248
>FANCF-P18! AEAERPARFL	511	>FANCF-P18! AEAERLARFL	281	230
>FANCF-P18! AEAERPARFL	115	>FANCF-P18! AEAERLARFL!	74	41
>FANCF-P18! AEAERPARF	32	>FANCF-P18! AEAERLARF	10	22
>FANCF-P18! AEAERPARFL	20	>FANCF-P18! AEAERLARFL	22	2
>FANCF-P18! AEAERPARFL	291	>FANCF-P18! AEAERLARFL!	116	175
>FANCF-P18! KAEAERPAR	105	>FANCF-P18! KAEAERLAR	195	90
>FANCF-P18! KAEAERPARF	24	>FANCF-P18! KAEAERLARF	18	6
>FANCF-P18! KAEAERPAR	372	>FANCF-P18! KAEAERLAR	92	280
>FANCF-P18! GKAEAERPAF	69	>FANCF-P18! GKAEAERLAR	150	81
>FANCG-A60 AFLEEFRTSL	93	>FANCG-A60 TFLEEFRTSL	113	20
>FANCG-A60 DAFLEEFR	12	>FANCG-A60 DTFLEEFR	8	4
>FANCG-A60 DAFLEEFR	4	>FANCG-A60 DTFLEEFR	2	2
>FANCG-A60 DAFLEEFRTSL	820	>FANCG-A60 DTFLEEFRTSL	123	697
>FANCG-A60 DRDAFLEEFR	479	>FANCG-A60 DRDTFLEEFR	483	4
>FANCG-A60 SDRDAFLEEF	816	>FANCG-A60 SDRDTFLEEF	447	369
>FANCG-A60 RPSDRDAF	16	>FANCG-A60 RPSDRDTF	27	11
>FANCG-A60 RPSDRDAFL	27	>FANCG-A60 RPSDRDTFL	22	5
>FANCG-A60 RPSDRDAF	33	>FANCG-A60 RPSDRDTF	50	17
>FANCG-A60 RPSDRDAF	59	>FANCG-A60 RPSDRDTF	76	17
>FANCG-A60 IRPSDRDAF	100	>FANCG-A60 IRPSDRDTF	142	42
>FANCG-A60 IRPSDRDAFL	519	>FANCG-A60 IRPSDRDTFL	370	149
>FANCG-A60 IRPSDRDAFL	584	>FANCG-A60 IRPSDRDTFL	297	287
>FANCG-A60 IRPSDRDAFL	213	>FANCG-A60 IRPSDRDTFL	161	52
>FANCG-A60 WIRPSDRDAI	273	>FANCG-A60 WIRPSDRDTF	357	84
>FANCG-A60 WIRPSDRDAI	100	>FANCG-A60 WIRPSDRDTF	151	51
>FANCG-A60 WIRPSDRDAI	196	>FANCG-A60 WIRPSDRDTF	288	92
>FANCG-A60 WIRPSDRDAI	51	>FANCG-A60 WIRPSDRDTF	84	33
>FANCG-A60 WIRPSDRDAI	261	>FANCG-A60 WIRPSDRDTF	102	159
>FANCG-A60 WIRPSDRDAI	191	>FANCG-A60 WIRPSDRDTF	347	156
>FANCG-A60 SWIRPSDRDA	493	>FANCG-A60 SWIRPSDRDT	157	336

>FANCG-A60 SWIRPSDRDA	1676	>FANCG-A60 SWIRPSDRDT	321	1355
>FANCG-A60 SWIRPSDRDA	18	>FANCG-A60 SWIRPSDRDT	12	6
>FANCG-A60 SWIRPSDRDA	134	>FANCG-A60 SWIRPSDRDT	201	67
>FANCG-V47 VAISEFSRCL	5051	>FANCG-V47 EAISEFSRCL	125	4926
>FANCG-V47 VAISEFSR	119	>FANCG-V47 EAISEFSR	1612	1493
>FANCG-V47 VAISEFSR	297	>FANCG-V47 EAISEFSR	48	249
>FANCG-V47 VAISEFSR	27	>FANCG-V47 EAISEFSR	3	24
>FANCG-V47 KVAISEFSRCL	21269	>FANCG-V47 KEAISEFSRCL	184	21085
>FANCG-V47 KVAISEFSRCL	448	>FANCG-V47 KEAISEFSRCL	11108	10660
>FANCG-V47 KVAISEFSR	101	>FANCG-V47 KEAISEFSR	18687	18586
>FANCG-V47 KVAISEFSR	14	>FANCG-V47 KEAISEFSR	1109	1095
>FANCG-V47 KVAISEFSR	43	>FANCG-V47 KEAISEFSR	4201	4158
>FANCG-V47 KVAISEFSRCL	21279	>FANCG-V47 KEAISEFSRCL	113	21166
>FANCG-V47 KVAISEFSRCL	36388	>FANCG-V47 KEAISEFSRCL	121	36267
>FANCG-V47 KVAISEFS	39993	>FANCG-V47 KEAISEFS	455	39538
>FANCG-V47 KVAISEFSRCL	37732	>FANCG-V47 KEAISEFSRCL	257	37475
>FANCG-V47 KVAISEFSRCL	26292	>FANCG-V47 KEAISEFSRCL	59	26233
>FANCG-V47 KVAISEFSR	124	>FANCG-V47 KEAISEFSR	273	149
>FANCG-V47 QAWVQLGAC	107	>FANCG-V47 QAWVQLGAC	20101	19994
>FANCG-V47 QKVAISEF	5	>FANCG-V47 QKEAISEF	48	43
>FANCG-V47 AQKVAISEF	2274	>FANCG-V47 AQKEAISEF	168	2106
>FANCG-V47 AQKVAISEFSI	19	>FANCG-V47 AQKEAISEFSI	33	14
>FANCG-V47 AQKVAISEF	30	>FANCG-V47 AQKEAISEF	26	4
>FANCG-V47 AQKVAISEF	497	>FANCG-V47 AQKEAISEF	297	200
>FANCG-V47 AQKVAISEF	3	>FANCG-V47 AQKEAISEF	3	0
>FANCG-V47 AQKVAISEFSI	307	>FANCG-V47 AQKEAISEFSI	362	55
>FANCG-V47 GAQKVAISEF	507	>FANCG-V47 GAQKEAISEF	462	45
>FANCG-V47 GAQKVAISEF	218	>FANCG-V47 GAQKEAISEF	116	102
>FANCG-V47 LGAQKVAISE	234	>FANCG-V47 LGAQKEAISEI	637	403
>FANCG-V47 LGAQKVAISE	204	>FANCG-V47 LGAQKEAISEI	427	223
>FANCG-V47 LGAQKVAISE	599	>FANCG-V47 LGAQKEAISEI	421	178
>FANCG-V47 LGAQKVAISE	344	>FANCG-V47 LGAQKEAISEI	472	128
>FANCG-V47 QLGAQKVAI	399	>FANCG-V47 QLGAQKEAI	410	11
>FANCG-V47 QLGAQKVA	666	>FANCG-V47 QLGAQKEA	266	400
>FANCG-V47 QLGAQKVAI	256	>FANCG-V47 QLGAQKEAI	618	362
>FANCG-V47 QLGAQKVAI	308	>FANCG-V47 QLGAQKEAI	1022	714
>FANCG-V47 VQLGAQKV	33	>FANCG-V47 VQLGAQKE	16157	16124
>FANCG-V47 VQLGAQKV	46	>FANCG-V47 VQLGAQKE	25749	25703
>FANCG-V47 VQLGAQKV	65	>FANCG-V47 VQLGAQKE	18640	18575
>FANCG-V47 VQLGAQKV	207	>FANCG-V47 VQLGAQKE	23463	23256
>FANCG-V47 VQLGAQKV	100	>FANCG-V47 VQLGAQKE	36124	36024
>FANCG-V47 VQLGAQKVA	130	>FANCG-V47 VQLGAQKEA	365	235
>FANCG-V47 VQLGAQKVA	424	>FANCG-V47 VQLGAQKEA	1435	1011

>FANCG-V47 WVQLGAQK\	318	>FANCG-V47 WVQLGAQKE	25773	25455
>FANCG-V47 WVQLGAQK\	38	>FANCG-V47 WVQLGAQKE	32694	32656
>FANCG-V47 AWVQLGAQ\	274	>FANCG-V47 AWVQLGAQ\	285	11
>FAS-D269N-DTAEQKVQLI	436	>FAS-D269N-NTAEQKVQLI	2357	1921
>FAS-D269N-DTAEQKVQLI	2246	>FAS-D269N-NTAEQKVQLI	493	1753
>FAS-D269N-DTAEQKVQLI	28	>FAS-D269N-NTAEQKVQLI	130	102
>FAS-D269N-DTAEQKVQLI	4	>FAS-D269N-NTAEQKVQLI	5	1
>FAS-D269N-DTAEQKVQL	59	>FAS-D269N-NTAEQKVQL	32	27
>FAS-D269N-DTAEQKVQLI	514	>FAS-D269N-NTAEQKVQLI	201	313
>FAS-D269N-DTAEQKVQL	41	>FAS-D269N-NTAEQKVQL	37	4
>FAS-D269N-DTAEQKVQLI	122	>FAS-D269N-NTAEQKVQLI	111	11
>FAS-D269N-QDTAEQKV	193	>FAS-D269N-QNTAEQKV	9154	8961
>FAS-D269N-QDTAEQKVQ	384	>FAS-D269N-QNTAEQKVQ	12722	12338
>FAS-D269N-VQDTAEQKV	363	>FAS-D269N-VQNTAEQKV	1133	770
>FAS-D269N-VQDTAEQK	1132	>FAS-D269N-VQNTAEQK	308	824
>FAS-D269N-VQDTAEQKV	4491	>FAS-D269N-VQNTAEQKV	344	4147
>FAS-D269N-VQDTAEQKV	2872	>FAS-D269N-VQNTAEQKV	208	2664
>FAS-D269N-NVQDTAEQK	80	>FAS-D269N-NVQNTAEQK	685	605
>FAS-D269N-NVQDTAEQK	299	>FAS-D269N-NVQNTAEQK	337	38
>FAS-D269N-NVQDTAEQK	47	>FAS-D269N-NVQNTAEQK	65	18
>FAS-D269N-NVQDTAEQK	264	>FAS-D269N-NVQNTAEQK	674	410
>FAS-D269N-IKNDNVQDT\	977	>FAS-D269N-IKNDNVQNT\	362	615
>FBXW7-A31AEDNLLWRE\	100	>FBXW7-A31TEDNLLWRE\	718	618
>FBXW7-A31AEDNLLWRE\	416	>FBXW7-A31TEDNLLWRE\	3119	2703
>FBXW7-A31AEDNLLWRE\	184	>FBXW7-A31TEDNLLWRE\	1572	1388
>FBXW7-A31LAEDNLLW	8878	>FBXW7-A31LTEDNLLW	403	8475
>FBXW7-A31LAEDNLLWR	320	>FBXW7-A31LTEDNLLWR	96	224
>FBXW7-A31LAEDNLLW	41	>FBXW7-A31LTEDNLLW	7	34
>FBXW7-A31LAEDNLLW	32	>FBXW7-A31LTEDNLLW	538	506
>FBXW7-A31LAEDNLLW	387	>FBXW7-A31LTEDNLLW	233	154
>FBXW7-A31LAEDNLLW	64	>FBXW7-A31LTEDNLLW	52	12
>FBXW7-A31LAEDNLLW	26	>FBXW7-A31LTEDNLLW	90	64
>FBXW7-A31LAEDNLLW	85	>FBXW7-A31LTEDNLLW	1412	1327
>FBXW7-A31LAEDNLLWR	2263	>FBXW7-A31LTEDNLLWR	326	1937
>FBXW7-A31LAEDNLLWRE\	2134	>FBXW7-A31LTEDNLLWRE\	379	1755
>FBXW7-A31AQTCRYWRIL	102	>FBXW7-A31AQTCRYWRIL	748	646
>FBXW7-A31ILAEDNLL	34	>FBXW7-A31ILTEDNLL	110	76
>FBXW7-A31ILAEDNLL	3	>FBXW7-A31ILTEDNLL	9	6
>FBXW7-A31ILAEDNLL	23	>FBXW7-A31ILTEDNLL	205	182
>FBXW7-A31ILAEDNLL	71	>FBXW7-A31ILTEDNLL	219	148
>FBXW7-A31ILAEDNLL	34	>FBXW7-A31ILTEDNLL	78	44
>FBXW7-A31ILAEDNLL	40	>FBXW7-A31ILTEDNLL	58	18
>FBXW7-A31ILAEDNLL	27	>FBXW7-A31ILTEDNLL	52	25

>FBXW7-A31 ILAEDNLL	43	>FBXW7-A31 ILTEDNLL	324	281
>FBXW7-A31 ILAEDNLL	5	>FBXW7-A31 ILTEDNLL	6	1
>FBXW7-A31 ILAEDNLLWR	355	>FBXW7-A31 ILTEDNLLWR	409	54
>FBXW7-A31 ILAEDNLLWR	166	>FBXW7-A31 ILTEDNLLWR	601	435
>FBXW7-A31 ILAEDNLLW	472	>FBXW7-A31 ILTEDNLLW	826	354
>FBXW7-A31 ILAEDNLLW	32	>FBXW7-A31 ILTEDNLLW	52	20
>FBXW7-A31 ILAEDNLLW	713	>FBXW7-A31 ILTEDNLLW	414	299
>FBXW7-A31 ILAEDNLLWR	196	>FBXW7-A31 ILTEDNLLWR	239	43
>FBXW7-A31 RILAEDNLL	295	>FBXW7-A31 RILTEDNLL	888	593
>FBXW7-A31 RILAEDNLL	396	>FBXW7-A31 RILTEDNLL	1099	703
>FBXW7-A31 RILAEDNLLW	61	>FBXW7-A31 RILTEDNLLW	86	25
>FBXW7-A31 RILAEDNLLW	290	>FBXW7-A31 RILTEDNLLW	406	116
>FBXW7-A31 RILAEDNLLW	104	>FBXW7-A31 RILTEDNLLW	194	90
>FBXW7-A31 RILAEDNLLW	116	>FBXW7-A31 RILTEDNLLW	184	68
>FBXW7-A31 RILAEDNLLW	11	>FBXW7-A31 RILTEDNLLW	14	3
>FBXW7-A31 RILAEDNLLW	27	>FBXW7-A31 RILTEDNLLW	27	0
>FBXW7-A31 WRILAEDNLL	20	>FBXW7-A31 WRILTEDNLL	24	4
>FBXW7-A31 WRILAEDNL	920	>FBXW7-A31 WRILTEDNL	375	545
>FBXW7-A31 WRILAEDNLL	152	>FBXW7-A31 WRILTEDNLL	93	59
>FBXW7-A31 WRILAEDNLL	105	>FBXW7-A31 WRILTEDNLL	84	21
>FBXW7-A31 WRILAEDNL	620	>FBXW7-A31 WRILTEDNL	468	152
>FBXW7-A31 WRILAEDNLL	114	>FBXW7-A31 WRILTEDNLL	113	1
>FBXW7-A31 WRILAEDNLL	77	>FBXW7-A31 WRILTEDNLL	77	0
>FBXW7-A31 YWRILAEDNL	361	>FBXW7-A31 YWRILTEDNL	259	102
>FBXW7-A31 YWRILAEDNL	488	>FBXW7-A31 YWRILTEDNL	334	154
>FBXW7-A31 YWRILAEDNL	468	>FBXW7-A31 YWRILTEDNL	415	53
>FBXW7-A31 YWRILAEDNL	268	>FBXW7-A31 YWRILTEDNL	287	19
>FBXW7-A31 RYWRILAEDN	407	>FBXW7-A31 RYWRILTEDN	93	314
>FBXW7-A31 RYWRILAEDN	61	>FBXW7-A31 RYWRILTEDN	67	6
>FBXW7-A31 RYWRILAEDN	247	>FBXW7-A31 RYWRILTEDN	288	41
>FBXW7-A31 RYWRILAED	383	>FBXW7-A31 RYWRILTED	640	257
>FBXW7-A31 RYWRILAEDN	6	>FBXW7-A31 RYWRILTEDN	7	1
>FBXW7-A31 RYWRILAEDN	324	>FBXW7-A31 RYWRILTEDN	233	91
>FBXW7-A31 RYWRILAEDN	362	>FBXW7-A31 RYWRILTEDN	244	118
>FBXW7-A31 CRYWRILA	270	>FBXW7-A31 CRYWRILT	578	308
>FBXW7-A31 CRYWRILAED	472	>FBXW7-A31 CRYWRILTED	335	137
>FBXW7-A31 CRYWRILA	372	>FBXW7-A31 CRYWRILT	843	471
>FBXW7-A31 CRYWRILA	360	>FBXW7-A31 CRYWRILT	234	126
>FBXW7-A31 CRYWRILAED	449	>FBXW7-A31 CRYWRILTED	253	196
>FBXW7-A31 CRYWRILAE	305	>FBXW7-A31 CRYWRILTE	199	106
>FBXW7-A31 CRYWRILAED	554	>FBXW7-A31 CRYWRILTED	431	123
>FBXW7-A31 TCRYWRILA	83	>FBXW7-A31 TCRYWRILT	2242	2159
>FBXW7-A31 QTCRYWRILA	395	>FBXW7-A31 QTCRYWRILT	5268	4873

>FBXW7-C38 CLQFCGNRI	999	>FBXW7-C38 WLQFCGNRI	162	837
>FBXW7-C38 CLQFCGNRI	1037	>FBXW7-C38 WLQFCGNRI	217	820
>FBXW7-C38 CLQFCGNRIV	1200	>FBXW7-C38 WLQFCGNRI	305	895
>FBXW7-C38 CLQFCGNRI	4571	>FBXW7-C38 WLQFCGNRI	482	4089
>FBXW7-C38 CLQFCGNRIV	1216	>FBXW7-C38 WLQFCGNRI	98	1118
>FBXW7-C38 CLQFCGNRI	919	>FBXW7-C38 WLQFCGNRI	160	759
>FBXW7-C38 CLQFCGNRIV	161	>FBXW7-C38 WLQFCGNRI	35	126
>FBXW7-C38 CLQFCGNRIV	4085	>FBXW7-C38 WLQFCGNRI	377	3708
>FBXW7-C38 CLQFCGNRI	3752	>FBXW7-C38 WLQFCGNRI	415	3337
>FBXW7-C38 CLQFCGNRIV	617	>FBXW7-C38 WLQFCGNRI	55	562
>FBXW7-C38 CLQFCGNRI	2272	>FBXW7-C38 WLQFCGNRI	96	2176
>FBXW7-C38 CLQFCGNRIV	107	>FBXW7-C38 WLQFCGNRI	12	95
>FBXW7-C38 CLQFCGNR	345	>FBXW7-C38 WLQFCGNR	1913	1568
>FBXW7-C38 CLQFCGNR	357	>FBXW7-C38 WLQFCGNR	425	68
>FBXW7-C38 TCLQFCGNRI	17988	>FBXW7-C38 TWLQFCGNR	155	17833
>FBXW7-C38 TCLQFCGNR	1014	>FBXW7-C38 TWLQFCGNR	461	553
>FBXW7-C38 TCLQFCGNR	60	>FBXW7-C38 TWLQFCGNR	13	47
>FBXW7-C38 TCLQFCGN	35010	>FBXW7-C38 TWLQFCGN	223	34787
>FBXW7-C38 TCLQFCGNR	32969	>FBXW7-C38 TWLQFCGNR	96	32873
>FBXW7-C38 TCLQFCGNRI	27070	>FBXW7-C38 TWLQFCGNR	182	26888
>FBXW7-C38 TCLQFCGNRI	28201	>FBXW7-C38 TWLQFCGNR	81	28120
>FBXW7-C38 LKGHDDHVIT	26306	>FBXW7-C38 LKGHDDHVIT	59	26247
>FBXW7-C38 ITCLQFCGNR	38	>FBXW7-C38 ITWLQFCGNR	81	43
>FBXW7-C38 ITCLQFCGNR	194	>FBXW7-C38 ITWLQFCGNR	456	262
>FBXW7-C38 ITCLQFCGNR	163	>FBXW7-C38 ITWLQFCGNR	33	130
>FBXW7-C38 ITCLQFCGNR	580	>FBXW7-C38 ITWLQFCGNR	340	240
>FBXW7-C38 ITCLQFCGNR	241	>FBXW7-C38 ITWLQFCGNR	74	167
>FBXW7-C38 ITCLQFCGNR	132	>FBXW7-C38 ITWLQFCGNR	46	86
>FBXW7-C38 VITCLQFC	3412	>FBXW7-C38 VITWLQFC	297	3115
>FBXW7-C38 VITCLQFCGN	414	>FBXW7-C38 VITWLQFCGN	215	199
>FBXW7-C38 VITCLQFCGN	387	>FBXW7-C38 VITWLQFCGN	269	118
>FBXW7-C38 VITCLQFCGN	124	>FBXW7-C38 VITWLQFCGN	66	58
>FBXW7-C38 VITCLQFCGN	328	>FBXW7-C38 VITWLQFCGN	192	136
>FBXW7-C38 HVITCLQFC	604	>FBXW7-C38 HVITWLQFC	384	220
>FBXW7-C38 HVITCLQF	315	>FBXW7-C38 HVITWLQF	180	135
>FBXW7-C38 HVITCLQF	850	>FBXW7-C38 HVITWLQF	63	787
>FBXW7-C38 HVITCLQF	22	>FBXW7-C38 HVITWLQF	8	14
>FBXW7-C38 HVITCLQFC	360	>FBXW7-C38 HVITWLQFC	95	265
>FBXW7-C38 HVITCLQF	356	>FBXW7-C38 HVITWLQF	95	261
>FBXW7-C38 HVITCLQF	375	>FBXW7-C38 HVITWLQF	244	131
>FBXW7-C38 HVITCLQF	353	>FBXW7-C38 HVITWLQF	549	196
>FBXW7-C38 HVITCLQF	44	>FBXW7-C38 HVITWLQF	32	12
>FBXW7-C38 HVITCLQF	264	>FBXW7-C38 HVITWLQF	187	77

>FBXW7-C38 HVITCLQF	472	>FBXW7-C38 HVITWLQF	218	254
>FBXW7-C38 GHDDHVITCL	123	>FBXW7-C38 GHDDHVITW	887	764
>FBXW7-C38 GHDDHVITC	30761	>FBXW7-C38 GHDDHVITV	385	30376
>FBXW7-C38 KGHDDHVITC	22380	>FBXW7-C38 KGHDDHVIT\	140	22240
>FBXW7-C38 KGHDDHVITC	23169	>FBXW7-C38 KGHDDHVIT\	140	23029
>FBXW7-C38 KGHDDHVITC	20601	>FBXW7-C38 KGHDDHVIT\	73	20528
>FBXW7-D44 STDRTLKV	445	>FBXW7-D44 STNRTLKV	9696	9251
>FBXW7-D44 STDRTLKV	4363	>FBXW7-D44 STNRTLKV	277	4086
>FBXW7-D44 STDRTLKV	101	>FBXW7-D44 STNRTLKV	204	103
>FBXW7-D44 STDRTLKV	100	>FBXW7-D44 STNRTLKV	314	214
>FBXW7-D44 STDRTLKV	544	>FBXW7-D44 STNRTLKV	356	188
>FBXW7-D44 STDRTLKV	10395	>FBXW7-D44 STNRTLKV	450	9945
>FBXW7-D44 STDRTLKVWI	9863	>FBXW7-D44 STNRTLKVWI	436	9427
>FBXW7-D44 STDRTLKV	3892	>FBXW7-D44 STNRTLKV	313	3579
>FBXW7-D44 STDRTLKV	61	>FBXW7-D44 STNRTLKV	136	75
>FBXW7-D44 STDRTLKVW	32	>FBXW7-D44 STNRTLKVW	14	18
>FBXW7-D44 STDRTLKVW	108	>FBXW7-D44 STNRTLKVW	47	61
>FBXW7-D44 STDRTLKVW	38	>FBXW7-D44 STNRTLKVW	21	17
>FBXW7-D44 STDRTLKVW	285	>FBXW7-D44 STNRTLKVW	129	156
>FBXW7-D44 GSTDRTLK	599	>FBXW7-D44 GSTNRTLK	217	382
>FBXW7-D44 GSTDRTLK	34	>FBXW7-D44 GSTNRTLK	29	5
>FBXW7-D44 GSTDRTLKV	11	>FBXW7-D44 GSTNRTLKV	14	3
>FBXW7-D44 GSTDRTLKV	168	>FBXW7-D44 GSTNRTLKV	132	36
>FBXW7-D44 GSTDRTLKV	47	>FBXW7-D44 GSTNRTLKV	55	8
>FBXW7-D44 GSTDRTLK	490	>FBXW7-D44 GSTNRTLK	370	120
>FBXW7-D44 SGSTDRTLK	752	>FBXW7-D44 SGSTNRTLK	409	343
>FBXW7-D44 ISGSTDRTLK	1173	>FBXW7-D44 ISGSTNRTLK	212	961
>FBXW7-D44 ISGSTDRTLK	220	>FBXW7-D44 ISGSTNRTLK	141	79
>FBXW7-D44 ISGSTDRTLK	471	>FBXW7-D44 ISGSTNRTLK	454	17
>FBXW7-D44 ISGSTDRTL	55	>FBXW7-D44 ISGSTNRTL	56	1
>FBXW7-D44 ISGSTDRTL	397	>FBXW7-D44 ISGSTNRTL	112	285
>FBXW7-D44 ISGSTDRTL	471	>FBXW7-D44 ISGSTNRTL	561	90
>FBXW7-D44 IISGSTDRTL	133	>FBXW7-D44 IISGSTNRTL	150	17
>FBXW7-D44 IISGSTDRTL	378	>FBXW7-D44 IISGSTNRTL	218	160
>FBXW7-D44 IISGSTDRTL	234	>FBXW7-D44 IISGSTNRTL	144	90
>FBXW7-D44 IISGSTDR	2330	>FBXW7-D44 IISGSTNR	467	1863
>FBXW7-D44 IISGSTDRTLK	70	>FBXW7-D44 IISGSTNRTLK	44	26
>FBXW7-D44 IISGSTDRTLK	33	>FBXW7-D44 IISGSTNRTLK	26	7
>FBXW7-D44 IISGSTDR	2958	>FBXW7-D44 IISGSTNR	292	2666
>FBXW7-D44 IISGSTDR	76	>FBXW7-D44 IISGSTNR	41	35
>FBXW7-D44 IISGSTDRTLK	58	>FBXW7-D44 IISGSTNRTLK	45	13
>FBXW7-D44 IISGSTDR	658	>FBXW7-D44 IISGSTNR	241	417
>FBXW7-D44 IISGSTDRTL	938	>FBXW7-D44 IISGSTNRTL	470	468

>FBXW7-D44 IIISGSTDRTL	397	>FBXW7-D44 IIISGSTNRTL	194	203
>FBXW7-D44 IIISGSTDRTL	483	>FBXW7-D44 IIISGSTNRTL	352	131
>FBXW7-D44 IIISGSTDRT	1073	>FBXW7-D44 IIISGSTNR	67	1006
>FBXW7-D44 IIISGSTDRT	902	>FBXW7-D44 IIISGSTNR	293	609
>FBXW7-D44 IIISGSTDRT	76	>FBXW7-D44 IIISGSTNR	38	38
>FBXW7-D44 IIISGSTDRTL	580	>FBXW7-D44 IIISGSTNRTL	465	115
>FBXW7-D44 NIIISGSTDRT	1209	>FBXW7-D44 NIIISGSTNR	434	775
>FBXW7-D44 NIIISGSTDRT	1243	>FBXW7-D44 NIIISGSTNR	461	782
>FBXW7-D44 NIIISGSTDRT	19	>FBXW7-D44 NIIISGSTNR	12	7
>FBXW7-D44 DNIIISGSTDRT	208	>FBXW7-D44 DNIIISGSTNR	97	111
>FBXW7-D48 DATLRVWDI	21047	>FBXW7-D48 YATLRVWDI	309	20738
>FBXW7-D48 DATLRVWDI	3715	>FBXW7-D48 YATLRVWDI	414	3301
>FBXW7-D48 RDATLRVWD	12919	>FBXW7-D48 RYATLRVWDI	15	12904
>FBXW7-D48 RDATLRVWD	29361	>FBXW7-D48 RYATLRVWDI	153	29208
>FBXW7-D48 RDATLRVW	21464	>FBXW7-D48 RYATLRVW	110	21354
>FBXW7-D48 RDATLRVWD	31421	>FBXW7-D48 RYATLRVWDI	384	31037
>FBXW7-D48 RDATLRVW	22579	>FBXW7-D48 RYATLRVW	11	22568
>FBXW7-D48 RDATLRVWD	20292	>FBXW7-D48 RYATLRVWDI	7	20285
>FBXW7-D48 RDATLRVWD	6833	>FBXW7-D48 RYATLRVWDI	432	6401
>FBXW7-D48 RDATLRVW	3198	>FBXW7-D48 RYATLRVW	485	2713
>FBXW7-D48 RDATLRVWD	56	>FBXW7-D48 RYATLRVWDI	2824	2768
>FBXW7-D48 RDATLRVWD	94	>FBXW7-D48 RYATLRVWDI	13206	13112
>FBXW7-D48 HEKRVVSGSF	22728	>FBXW7-D48 HEKRVVSGSF	331	22397
>FBXW7-D48 HEKRVVSGSF	26064	>FBXW7-D48 HEKRVVSGSF	413	25651
>FBXW7-D48 HEKRVVSGSF	7587	>FBXW7-D48 HEKRVVSGSF	386	7201
>FBXW7-D48 HEKRVVSGSF	25328	>FBXW7-D48 HEKRVVSGSF	277	25051
>FBXW7-D48 SRDATLRVWI	4659	>FBXW7-D48 SRYATLRVWI	410	4249
>FBXW7-D48 SRDATLRVW	5404	>FBXW7-D48 SRYATLRVW	330	5074
>FBXW7-D48 SRDATLRVWI	6132	>FBXW7-D48 SRYATLRVWI	375	5757
>FBXW7-D48 SRDATLRV	4678	>FBXW7-D48 SRYATLRV	130	4548
>FBXW7-D48 SRDATLRVWI	3796	>FBXW7-D48 SRYATLRVWI	129	3667
>FBXW7-D48 SRDATLRVW	3526	>FBXW7-D48 SRYATLRVW	280	3246
>FBXW7-D48 SRDATLRVWI	2120	>FBXW7-D48 SRYATLRVWI	167	1953
>FBXW7-D48 SRDATLRVWI	2967	>FBXW7-D48 SRYATLRVWI	169	2798
>FBXW7-D48 GSRDATLR	394	>FBXW7-D48 GSRDATLR	202	192
>FBXW7-D48 GSRDATLRV	29	>FBXW7-D48 GSRDATLRV	22	7
>FBXW7-D48 GSRDATLR	148	>FBXW7-D48 GSRDATLR	46	102
>FBXW7-D48 GSRDATLRV	91	>FBXW7-D48 GSRDATLRV	146	55
>FBXW7-D48 GSRDATLRVV	7	>FBXW7-D48 GSRDATLRVV	11	4
>FBXW7-D48 GSRDATLRVV	52	>FBXW7-D48 GSRDATLRVV	43	9
>FBXW7-D48 GSRDATLRVV	394	>FBXW7-D48 GSRDATLRVV	354	40
>FBXW7-D48 GSRDATLRV	424	>FBXW7-D48 GSRDATLRV	235	189
>FBXW7-D48 SGSRDATL	8909	>FBXW7-D48 SGSRDATL	15	8894

>FBXW7-D48SGSRDATLR	4660	>FBXW7-D48SGSRYATLR	388	4272
>FBXW7-D48SGSRDATLR	984	>FBXW7-D48SGSRYATLR	272	712
>FBXW7-D48SGSRDATLRV	633	>FBXW7-D48SGSRYATLRV	340	293
>FBXW7-D48VSGSRDATL	317	>FBXW7-D48VSGSRYATL	1116	799
>FBXW7-D48VSGSRDATL	303	>FBXW7-D48VSGSRYATL	14	289
>FBXW7-D48VSGSRDATLR	815	>FBXW7-D48VSGSRYATLR	150	665
>FBXW7-D48VSGSRDATLR	1229	>FBXW7-D48VSGSRYATLR	155	1074
>FBXW7-D48VSGSRDATLR	291	>FBXW7-D48VSGSRYATLR	196	95
>FBXW7-D48VSGSRDATL	28	>FBXW7-D48VSGSRYATL	35	7
>FBXW7-D48VSGSRDATL	4357	>FBXW7-D48VSGSRYATL	378	3979
>FBXW7-D48VSGSRDATL	941	>FBXW7-D48VSGSRYATL	378	563
>FBXW7-D48VSGSRDATL	732	>FBXW7-D48VSGSRYATL	444	288
>FBXW7-D48VVSISRDATL	397	>FBXW7-D48VVSISRATL	353	44
>FBXW7-D48VVSISRDATL	1452	>FBXW7-D48VVSISRATL	473	979
>FBXW7-D48VVSISRDATL	134	>FBXW7-D48VVSISRATL	39	95
>FBXW7-D48VVSISRDATL	287	>FBXW7-D48VVSISRATL	86	201
>FBXW7-D48VVSISRDATL	474	>FBXW7-D48VVSISRATL	57	417
>FBXW7-D48VVSISRDATL	1463	>FBXW7-D48VVSISRATL	397	1066
>FBXW7-D48VVSISRDATL	37	>FBXW7-D48VVSISRATL	23	14
>FBXW7-D48VVSISRDATL	365	>FBXW7-D48VVSISRATL	395	30
>FBXW7-D48RVVSGSRDA	2918	>FBXW7-D48RVVSGSRYA	450	2468
>FBXW7-D48RVVSGSRDA1	999	>FBXW7-D48RVVSGSRYAT	198	801
>FBXW7-D48RVVSGSRDA	6576	>FBXW7-D48RVVSGSRYA	372	6204
>FBXW7-D48RVVSGSRDA1	434	>FBXW7-D48RVVSGSRYAT	139	295
>FBXW7-D48RVVSGSRD	26767	>FBXW7-D48RVVSGSRY	30	26737
>FBXW7-D48RVVSGSRD	24835	>FBXW7-D48RVVSGSRY	91	24744
>FBXW7-D48RVVSGSRDA	1541	>FBXW7-D48RVVSGSRYA	54	1487
>FBXW7-D48RVVSGSRDA1	1281	>FBXW7-D48RVVSGSRYAT	219	1062
>FBXW7-D48RVVSGSRD	21457	>FBXW7-D48RVVSGSRY	48	21409
>FBXW7-D48RVVSGSRDA1	127	>FBXW7-D48RVVSGSRYAT	165	38
>FBXW7-D48RVVSGSRD	25262	>FBXW7-D48RVVSGSRY	45	25217
>FBXW7-D48RVVSGSRDA1	472	>FBXW7-D48RVVSGSRYAT	386	86
>FBXW7-D48RVVSGSRD	18507	>FBXW7-D48RVVSGSRY	79	18428
>FBXW7-D48RVVSGSRD	24021	>FBXW7-D48RVVSGSRY	420	23601
>FBXW7-D48RVVSGSRD	7576	>FBXW7-D48RVVSGSRY	5	7571
>FBXW7-D48RVVSGSRDA1	15	>FBXW7-D48RVVSGSRYAT	15	0
>FBXW7-D48RVVSGSRD	23627	>FBXW7-D48RVVSGSRY	239	23388
>FBXW7-D48RVVSGSRDA1	281	>FBXW7-D48RVVSGSRYAT	123	158
>FBXW7-D48KRVSISRDA	32772	>FBXW7-D48KRVSISRAT	479	32293
>FBXW7-D48KRVSISRDA	8752	>FBXW7-D48KRVSISRAT	12	8740
>FBXW7-D48KRVSISRDA	8728	>FBXW7-D48KRVSISRAT	457	8271
>FBXW7-D48KRVSISRDA	20755	>FBXW7-D48KRVSISRAT	77	20678
>FBXW7-D48KRVSISRDA	897	>FBXW7-D48KRVSISRAT	465	432



>FBXW7-D48 EKRVS SGRD	14905	>FBXW7-D48 EKRVS SGRY	57	14848
>FBXW7-D52 YDFMV KVV	324	>FBXW7-D52 YNFMV KVV	9014	8690
>FBXW7-D52 YDFMV KVV	299	>FBXW7-D52 YNFMV KVV	134	165
>FBXW7-D52 AYDFMVKV	152	>FBXW7-D52 AYNFMVKV	76	76
>FBXW7-D52 AYDFMVKV	227	>FBXW7-D52 AYNFMVKV	138	89
>FBXW7-D52 GAYDFMVKV	92	>FBXW7-D52 GAYNFMVKV	89	3
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>FBXW7-D52 GAYDFMVKV	73	>FBXW7-D52 GAYNFMVKV	292	219
>FBXW7-D52 GAYDFMVKV	64	>FBXW7-D52 GAYNFMVKV	146	82
>FBXW7-D52 GAYDFMVKV	42	>FBXW7-D52 GAYNFMVKV	148	106
>FBXW7-D52 GAYDFMVKV	17	>FBXW7-D52 GAYNFMVKV	34	17
>FBXW7-D52 GAYDFMVKV	55	>FBXW7-D52 GAYNFMVKV	99	44
>FBXW7-D52 GAYDFMVKV	11	>FBXW7-D52 GAYNFMVKV	78	67
>FBXW7-D52 GAYDFMVK	104	>FBXW7-D52 GAYNFMVK	55	49
>FBXW7-D52 GAYDFMVK	10	>FBXW7-D52 GAYNFMVK	9	1
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>FBXW7-D52 GAYDFMVK	98	>FBXW7-D52 GAYNFMVK	128	30
>FBXW7-D52 GAYDFMVKV	319	>FBXW7-D52 GAYNFMVKV	971	652
>FBXW7-D52 GAYDFMVKV	76	>FBXW7-D52 GAYNFMVKV	325	249
>FBXW7-D52 GAYDFMVKV	425	>FBXW7-D52 GAYNFMVKV	1148	723
>FBXW7-D52 GAYDFMVKV	5	>FBXW7-D52 GAYNFMVKV	7	2
>FBXW7-D52 GAYDFMVKV	58	>FBXW7-D52 GAYNFMVKV	53	5
>FBXW7-D52 GAYDFMVKV	45	>FBXW7-D52 GAYNFMVKV	52	7
>FBXW7-D52 GAYDFMVKV	33	>FBXW7-D52 GAYNFMVKV	47	14
>FBXW7-D52 GAYDFMVK	112	>FBXW7-D52 GAYNFMVK	94	18
>FBXW7-D52 SGAYDFMVK	208	>FBXW7-D52 SGAYNFMVK	119	89
>FBXW7-D52 SGAYDFMV	167	>FBXW7-D52 SGAYNFMV	84	83
>FBXW7-D52 SGAYDFMVK	563	>FBXW7-D52 SGAYNFMVK	416	147
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>FBXW7-D52 SGAYDFMVK	137	>FBXW7-D52 SGAYNFMVK	118	19
>FBXW7-D52 VSGAYDFM	2526	>FBXW7-D52 VSGAYNFM	366	2160
>FBXW7-D52 VSGAYDFMV	577	>FBXW7-D52 VSGAYNFMV	287	290
>FBXW7-D52 VSGAYDFMV	348	>FBXW7-D52 VSGAYNFMV	97	251
>FBXW7-D52 VSGAYDFMV	50	>FBXW7-D52 VSGAYNFMV	38	12
>FBXW7-D52 VSGAYDFMV	4421	>FBXW7-D52 VSGAYNFMV	377	4044
>FBXW7-D52 VSGAYDFM	415	>FBXW7-D52 VSGAYNFM	399	16
>FBXW7-D52 VSGAYDFMV	1406	>FBXW7-D52 VSGAYNFMV	314	1092
>FBXW7-D52 VSGAYDFM	2521	>FBXW7-D52 VSGAYNFM	351	2170
>FBXW7-D52 VVSGAYDFM	1999	>FBXW7-D52 VVSGAYNFM	497	1502
>FBXW7-D52 VVSGAYDFM	374	>FBXW7-D52 VVSGAYNFM	397	23
>FBXW7-D52 VVSGAYDFM	287	>FBXW7-D52 VVSGAYNFM	181	106
>FBXW7-D52 VVSGAYDFM	72	>FBXW7-D52 VVSGAYNFM	90	18
>FBXW7-D52 VVSGAYDFM	233	>FBXW7-D52 VVSGAYNFM	199	34

>FBXW7-D52 VVSGAYDFM	39	>FBXW7-D52 VVSGAYNFM	33	6
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>FBXW7-D52 VVSGAYDFM	45	>FBXW7-D52 VVSGAYNFM	29	16
>FBXW7-D52 VVSGAYDFM	8	>FBXW7-D52 VVSGAYNFM	6	2
>FBXW7-D52 VVSGAYDFM	162	>FBXW7-D52 VVSGAYNFM	79	83
>FBXW7-D52 VVSGAYDFM	17	>FBXW7-D52 VVSGAYNFM	14	3
>FBXW7-D52 VVSGAYDFM	177	>FBXW7-D52 VVSGAYNFM	185	8
>FBXW7-D52 VVSGAYDFM	442	>FBXW7-D52 VVSGAYNFM	87	355
>FBXW7-D52 VVSGAYDFM	254	>FBXW7-D52 VVSGAYNFM	200	54
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>FBXW7-D52 VVSGAYDFM	716	>FBXW7-D52 VVSGAYNFM	148	568
>FBXW7-D52 VVSGAYDF	935	>FBXW7-D52 VVSGAYNF	237	698
>FBXW7-D52 VVSGAYDFM	1409	>FBXW7-D52 VVSGAYNFM	456	953
>FBXW7-D52 VVSGAYDFM	353	>FBXW7-D52 VVSGAYNFM	148	205
>FBXW7-D52 RVVSGAYDFM	167	>FBXW7-D52 RVVSGAYNFM	90	77
>FBXW7-D52 RVVSGAYDFM	495	>FBXW7-D52 RVVSGAYNFM	453	42
>FBXW7-D52 RVVSGAYDFM	353	>FBXW7-D52 RVVSGAYNFM	160	193
>FBXW7-D52 RVVSGAYDFM	210	>FBXW7-D52 RVVSGAYNFM	96	114
>FBXW7-D52 RVVSGAYDFM	12	>FBXW7-D52 RVVSGAYNFM	9	3
>FBXW7-D52 RVVSGAYDFM	43	>FBXW7-D52 RVVSGAYNFM	23	20
>FBXW7-D52 RVVSGAYDFM	319	>FBXW7-D52 RVVSGAYNFM	273	46
>FBXW7-D52 RVVSGAYDFM	99	>FBXW7-D52 RVVSGAYNFM	102	3
>FBXW7-D52 RVVSGAYDFM	824	>FBXW7-D52 RVVSGAYNFM	342	482
>FBXW7-D52 RVVSGAYDFM	38	>FBXW7-D52 RVVSGAYNFM	26	12
>FBXW7-D52 RVVSGAYDF	233	>FBXW7-D52 RVVSGAYNF	97	136
>FBXW7-D52 RVVSGAYDF	589	>FBXW7-D52 RVVSGAYNF	321	268
>FBXW7-D52 RVVSGAYDF	117	>FBXW7-D52 RVVSGAYNF	42	75
>FBXW7-D52 RVVSGAYDFM	19	>FBXW7-D52 RVVSGAYNFM	15	4
>FBXW7-D52 RVVSGAYDF	194	>FBXW7-D52 RVVSGAYNF	276	82
>FBXW7-D52 RVVSGAYDFM	1250	>FBXW7-D52 RVVSGAYNFM	161	1089
>FBXW7-D52 RVVSGAYDF	21	>FBXW7-D52 RVVSGAYNF	17	4
>FBXW7-D52 RVVSGAYDFM	177	>FBXW7-D52 RVVSGAYNFM	102	75
>FBXW7-D52 RVVSGAYDFM	204	>FBXW7-D52 RVVSGAYNFM	33	171
>FBXW7-D52 RVVSGAYDF	316	>FBXW7-D52 RVVSGAYNF	235	81
>FBXW7-D52 RVVSGAYDF	119	>FBXW7-D52 RVVSGAYNF	73	46
>FBXW7-D52 RVVSGAYDF	15	>FBXW7-D52 RVVSGAYNF	6	9
>FBXW7-D52 RVVSGAYDFM	269	>FBXW7-D52 RVVSGAYNFM	172	97
>FBXW7-D52 RVVSGAYDF	378	>FBXW7-D52 RVVSGAYNF	68	310
>FBXW7-D52 RVVSGAYDF	202	>FBXW7-D52 RVVSGAYNF	84	118
>FBXW7-D52 RVVSGAYDFM	474	>FBXW7-D52 RVVSGAYNFM	89	385
>FBXW7-D52 RVVSGAYDFM	870	>FBXW7-D52 RVVSGAYNFM	431	439
>FBXW7-D52 RRVSGAYDF	1186	>FBXW7-D52 RRVSGAYNF	496	690
>FBXW7-D52 RRVSGAYDF	6	>FBXW7-D52 RRVSGAYNF	5	1

>FBXW7-D52 RRVVSGAYDF	89	>FBXW7-D52 RRVVSGAYNF	35	54
>FBXW7-D52 RRVVSGAYDF	18	>FBXW7-D52 RRVVSGAYNF	16	2
>FBXW7-D52 RRVVSGAYDF	48	>FBXW7-D52 RRVVSGAYNF	48	0
>FBXW7-D52 RRVVSGAYDF	322	>FBXW7-D52 RRVVSGAYNF	351	29
>FBXW7-D52 RRVVSGAYDF	153	>FBXW7-D52 RRVVSGAYNF	131	22
>FBXW7-D52 RRVVSGAYDF	136	>FBXW7-D52 RRVVSGAYNF	132	4
>FBXW7-D52 RRVVSGAYDF	137	>FBXW7-D52 RRVVSGAYNF	73	64
>FBXW7-D52 GRRVVSAGAYI	123	>FBXW7-D52 GRRVVSAGAYI	81	42
>FBXW7-D52 GRRVVSAGAYI	1084	>FBXW7-D52 GRRVVSAGAYI	308	776
>FBXW7-D52 GRRVVSAGAYI	429	>FBXW7-D52 GRRVVSAGAYI	573	144
>FBXW7-D52 GRRVVSAGAYI	180	>FBXW7-D52 GRRVVSAGAYI	113	67
>FBXW7-D52 DPETETCLHT	730	>FBXW7-D52 GPETETCLHT	365	365
>FBXW7-D52 WDPETETCL	5612	>FBXW7-D52 WGPETETCL	232	5380
>FBXW7-D52 KVWDPETETC	105	>FBXW7-D52 KVWGPETETC	355	250
>FBXW7-D52 KVWDPETETC	177	>FBXW7-D52 KVWGPETETC	323	146
>FBXW7-D52 KVWDPETETC	145	>FBXW7-D52 KVWGPETETC	276	131
>FBXW7-D52 KVWDPETETC	76	>FBXW7-D52 KVWGPETETC	136	60
>FBXW7-D52 KVWDPETETC	111	>FBXW7-D52 KVWGPETETC	234	123
>FBXW7-D52 KVWDPETE	660	>FBXW7-D52 KVWGPETE	248	412
>FBXW7-D52 KVWDPETETC	168	>FBXW7-D52 KVWGPETETC	79	89
>FBXW7-D52 KVWDPETETC	354	>FBXW7-D52 KVWGPETETC	126	228
>FBXW7-D52 FMVKVWDP	439	>FBXW7-D52 FMVKVWGP	801	362
>FBXW7-D52 FMVKVWDP	670	>FBXW7-D52 FMVKVWGP	226	444
>FBXW7-D52 FMVKVWDP	902	>FBXW7-D52 FMVKVWGP	267	635
>FBXW7-D52 FMVKVWDP	142	>FBXW7-D52 FMVKVWGP	121	21
>FBXW7-D52 FMVKVWDP	1153	>FBXW7-D52 FMVKVWGP	145	1008
>FBXW7-D52 FMVKVWDP	18	>FBXW7-D52 FMVKVWGP	13	5
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>FBXW7-D52 FMVKVWDP	76	>FBXW7-D52 FMVKVWGP	69	7
>FBXW7-E12 EEMDQESDD	771	>FBXW7-E12 EEMDQYSDD	235	536
>FBXW7-E12 EEMDQESDD	1034	>FBXW7-E12 EEMDQYSDD	197	837
>FBXW7-E12 EEEMDQESD	628	>FBXW7-E12 EEEMDQYS	329	299
>FBXW7-E12 EEEMDQES	548	>FBXW7-E12 EEEMDQYS	458	90
>FBXW7-E12 EEEEEMDQE	17416	>FBXW7-E12 EEEEEMDQY	376	17040
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>FBXW7-E12 EEEEEEMDQE	13220	>FBXW7-E12 EEEEEEMDQY	465	12755
>FBXW7-E12 DEEEEEEMDQ	27389	>FBXW7-E12 DEEEEEEMDQ	487	26902
>FBXW7-E69 EETKLLVL	50	>FBXW7-E69 KETKLLVL	107	57
>FBXW7-E69 EETKLLVLDF	2140	>FBXW7-E69 KETKLLVLDF	237	1903
>FBXW7-E69 EETKLLVLDF	349	>FBXW7-E69 KETKLLVLDF	1563	1214
>FBXW7-E69 EETKLLVL	101	>FBXW7-E69 KETKLLVL	19	82
>FBXW7-E69 EETKLLVL	132	>FBXW7-E69 KETKLLVL	25	107
>FBXW7-E69 EETKLLVLDF	873	>FBXW7-E69 KETKLLVLDF	445	428

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>FBXW7-E69 EETKLLVDF	64	>FBXW7-E69 KETKLLVDF	117	53
>FBXW7-E69 EETKLLVL	1697	>FBXW7-E69 KETKLLVL	342	1355
>FBXW7-E69 EETKLLVLD	4133	>FBXW7-E69 KETKLLVLD	199	3934
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>FBXW7-E69 TEETKLLV	55	>FBXW7-E69 TKETKLLV	14380	14325
>FBXW7-E69 TEETKLLVL	292	>FBXW7-E69 TKETKLLVL	14493	14201
>FBXW7-E69 TEETKLLVDF	390	>FBXW7-E69 TKETKLLVDF	19402	19012
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>FBXW7-E69 TEETKLLVDF	446	>FBXW7-E69 TKETKLLVDF	24428	23982
>FBXW7-E69 TEETKLLVL	223	>FBXW7-E69 TKETKLLVL	20540	20317
>FBXW7-E69 GTEETKLLV	9055	>FBXW7-E69 GTKETKLLV	129	8926
>FBXW7-E69 GTEETKLLVL	12454	>FBXW7-E69 GTKETKLLVL	360	12094
>FBXW7-E69 GTEETKLL	567	>FBXW7-E69 GTKETKLL	224	343
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>FBXW7-E69 SRNGTEETKL	721	>FBXW7-E69 SRNGTKETKL	485	236
>FBXW7-E69 GSRNGTEETK	419	>FBXW7-E69 GSRNGTKETK	345	74
>FBXW7-E69 GSRNGTEETK	43	>FBXW7-E69 GSRNGTKETK	20	23
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>FBXW7-E69 GSRNGTEETK	61	>FBXW7-E69 GSRNGTKETK	69	8
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>FBXW7-E69 AVGSRNGTE	26868	>FBXW7-E69 AVGSRNGTK	243	26625
>FBXW7-E69 AVGSRNGTE	14609	>FBXW7-E69 AVGSRNGTK	233	14376
>FBXW7-G39 GSDDNTLKV	369	>FBXW7-G39 DSDDNTLKV	258	111
>FBXW7-G39 GSDDNTLK	45	>FBXW7-G39 DSDDNTLK	3008	2963
>FBXW7-G39 GSDDNTLK	3904	>FBXW7-G39 DSDDNTLK	335	3569
>FBXW7-G39 GSDDNTLKV	2831	>FBXW7-G39 DSDDNTLKV	60	2771
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>FBXW7-G39 SGSDDDNTLKV	14782	>FBXW7-G39 SDSDDNTLKV	115	14667
>FBXW7-G39 LQFCGNRIVS	125	>FBXW7-G39 LQFCGNRIVS	2201	2076
>FBXW7-G39 LQFCGNRIVS	294	>FBXW7-G39 LQFCGNRIVS	1017	723
>FBXW7-G39 VSGSDDNTLk	13330	>FBXW7-G39 VSDSDDNTLk	334	12996
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>FBXW7-G39 RIVSGSDDNT	183	>FBXW7-G39 RIVSDSDDNT	236	53
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>FBXW7-G42 GVWSSQMR	39	>FBXW7-G42 VVWSSQMR	33	6
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>FBXW7-G42 CLRTLVGHTG	25833	>FBXW7-G42 CLRTLVGHTG	8	25825
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>FBXW7-G42 GHTGGVWSS	488	>FBXW7-G42 GHTGVVWSS	390	98
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>FBXW7-G42 VGHTGGVW	1354	>FBXW7-G42 VGHTGVVW	418	936
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>FBXW7-G42 LVGHTGGV	98	>FBXW7-G42 LVGHTGVV	151	53
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>FBXW7-G42 TLVGHTGGV	17	>FBXW7-G42 TLVGHTGVV	72	55
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>FBXW7-G42 TLVGHTGG	11614	>FBXW7-G42 TLVGHTGV	40	11574
>FBXW7-G42 TLVGHTGGV	104	>FBXW7-G42 TLVGHTGVV	606	502
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>FBXW7-G42TLVGHTGG	17739	>FBXW7-G42TLVGHTGV	20	17719
>FBXW7-G42TLVGHTGGV	51	>FBXW7-G42TLVGHTGVV	124	73
>FBXW7-G42TLVGHTGG	23297	>FBXW7-G42TLVGHTGV	60	23237
>FBXW7-G42TLVGHTGGV	110	>FBXW7-G42TLVGHTGVV	343	233
>FBXW7-G42TLVGHTGG	9136	>FBXW7-G42TLVGHTGV	2	9134
>FBXW7-G42TLVGHTGGV	3	>FBXW7-G42TLVGHTGVV	4	1
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>FBXW7-G42TLVGHTGGV	87	>FBXW7-G42TLVGHTGVV	314	227
>FBXW7-G42TLVGHTGG	19137	>FBXW7-G42TLVGHTGV	118	19019
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>FBXW7-G42RTLVGHTGG\	131	>FBXW7-G42RTLVGHTGV\	279	148
>FBXW7-G42RTLVGHTGG	15724	>FBXW7-G42RTLVGHTGV	58	15666
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>FBXW7-G42RTLVGHTGG	23138	>FBXW7-G42RTLVGHTGV	58	23080
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>FBXW7-G42RTLVGHTGG	1335	>FBXW7-G42RTLVGHTGV	157	1178
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>FBXW7-G42RTLVGHTGG	4977	>FBXW7-G42RTLVGHTGV	489	4488
>FBXW7-G42RTLVGHTGG\	377	>FBXW7-G42RTLVGHTGV\	29	348
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>FBXW7-G42RTLVGHTGG	220	>FBXW7-G42RTLVGHTGV	8	212
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>FBXW7-H37GHDDHVITCL	123	>FBXW7-H37GRDDHVITCL	334	211
>FBXW7-H37ELKSPKVLKGI	24403	>FBXW7-H37ELKSPKVLKGI	138	24265
>FBXW7-H37ELKSPKVLKGI	16736	>FBXW7-H37ELKSPKVLKGI	107	16629
>FBXW7-H37KGHDDHVI	1665	>FBXW7-H37KGRDDHVI	168	1497
>FBXW7-H37KGHDDHVI	486	>FBXW7-H37KGRDDHVI	1142	656
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>FBXW7-H37KVLKGHDDH'	486	>FBXW7-H37KVLKGRDDH'	806	320
>FBXW7-H37KVLKGHDDH'	164	>FBXW7-H37KVLKGRDDH'	744	580
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>FBXW7-H37KVLKGHDDH'	37	>FBXW7-H37KVLKGRDDH'	62	25
>FBXW7-H37KVLKGHDDH'	287	>FBXW7-H37KVLKGRDDH'	318	31
>FBXW7-H37KVLKGHDDH'	94	>FBXW7-H37KVLKGRDDH'	128	34
>FBXW7-H37KVLKGHDDH'	435	>FBXW7-H37KVLKGRDDH'	542	107
>FBXW7-H37KVLKGHDDH'	377	>FBXW7-H37KVLKGRDDH'	447	70
>FBXW7-H37KSPKVLKGH	12355	>FBXW7-H37KSPKVLKGR	405	11950
>FBXW7-H37KSPKVLKGH	29752	>FBXW7-H37KSPKVLKGR	307	29445
>FBXW7-H42HTGGVWSSC	5162	>FBXW7-H42YTGGVWSSQ	160	5002
>FBXW7-H42HTGGVWSSC	229	>FBXW7-H42YTGGVWSSQ	99	130
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>FBXW7-H42HTGGVWSSC	107	>FBXW7-H42YTGGVWSSQ	506	399
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>FBXW7-H42HTGGVWSSC	1330	>FBXW7-H42YTGGVWSSQ	314	1016
>FBXW7-H42HTGGVWSSC	41	>FBXW7-H42YTGGVWSSQ	18	23
>FBXW7-H42HTGGVWSSC	5310	>FBXW7-H42YTGGVWSSQ	239	5071
>FBXW7-H42HTGGVWSSC	596	>FBXW7-H42YTGGVWSSQ	80	516
>FBXW7-H42HTGGVWSSC	64	>FBXW7-H42YTGGVWSSQ	21	43
>FBXW7-H42GHTGGVWSS	17765	>FBXW7-H42GYTGGVWSS	467	17298
>FBXW7-H42GHTGGVWSS	17012	>FBXW7-H42GYTGGVWSS	71	16941
>FBXW7-H42GHTGGVWSS	488	>FBXW7-H42GYTGGVWSS	297	191
>FBXW7-H42VGHTGGVW	680	>FBXW7-H42VGYTGGVW	68	612
>FBXW7-H42VGHTGGVW	1354	>FBXW7-H42VGYTGGVW	121	1233
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>FBXW7-H42LVGHTGGV	183	>FBXW7-H42LVGYTGGV	296	113
>FBXW7-H42LVGHTGGV	275	>FBXW7-H42LVGYTGGV	490	215
>FBXW7-H42LVGHTGGV	98	>FBXW7-H42LVGYTGGV	223	125
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>FBXW7-H42LVGHTGGVW	100	>FBXW7-H42LVGYTGGVW	167	67
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>FBXW7-H42TLVGHTGGV	17	>FBXW7-H42TLVGYTGGV	10	7
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>FBXW7-H42 TLVGHTGGV	104	>FBXW7-H42 TLVGYTGGV	55	49
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>FBXW7-H42 TLVGHTGGV	51	>FBXW7-H42 TLVGYTGGV	25	26
>FBXW7-H42 TLVGHTGGV	110	>FBXW7-H42 TLVGYTGGV	19	91
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>FBXW7-H42 RTLVGHTGG\	435	>FBXW7-H42 RTLVGYTGG\	207	228
>FBXW7-H42 RTLVGHTGG\	147	>FBXW7-H42 RTLVGYTGG\	200	53
>FBXW7-H42 RTLVGHTGG\	377	>FBXW7-H42 RTLVGYTGG\	553	176
>FBXW7-H42 RTLVGHTGG\	465	>FBXW7-H42 RTLVGYTGG\	182	283
>FBXW7-H42 RTLVGHTGG\	52	>FBXW7-H42 RTLVGYTGG\	35	17
>FBXW7-H42 RTLVGHTG	437	>FBXW7-H42 RTLVGYTG	914	477
>FBXW7-H42 RTLVGHTGG	220	>FBXW7-H42 RTLVGYTGG	949	729
>FBXW7-H42 RTLVGHTGG\	19	>FBXW7-H42 RTLVGYTGG\	28	9
>FBXW7-H42 RTLVGHTGG\	3	>FBXW7-H42 RTLVGYTGG\	4	1
>FBXW7-H42 RTLVGHTGG\	44	>FBXW7-H42 RTLVGYTGG\	48	4
>FBXW7-H42 RTLVGHTGG\	9	>FBXW7-H42 RTLVGYTGG\	10	1
>FBXW7-H42 RTLVGHTGG\	67	>FBXW7-H42 RTLVGYTGG\	86	19
>FBXW7-H42 RTLVGHTGG\	24	>FBXW7-H42 RTLVGYTGG\	30	6
>FBXW7-H42 RTLVGHTGG\	270	>FBXW7-H42 RTLVGYTGG\	309	39
>FBXW7-H42 LRRTLVGHTGC	351	>FBXW7-H42 LRRTLVGYTGG	272	79
>FBXW7-H42 CLRTLUGH	18398	>FBXW7-H42 CLRTLUGH	393	18005
>FBXW7-H42 CLRTLUGH	11560	>FBXW7-H42 CLRTLUGH	404	11156
>FBXW7-H42 CLRTLUGH	22515	>FBXW7-H42 CLRTLUGH	483	22032
>FBXW7-H42 KCLRTLUGH	16408	>FBXW7-H42 KCLRTLUGH	228	16180
>FBXW7-H42 KCLRTLUGH	9315	>FBXW7-H42 KCLRTLUGH	472	8843
>FBXW7-H42 GKCLRTLUGH	8915	>FBXW7-H42 GKCLRTLUGH	467	8448
>FBXW7-H46 HTSTVRCMH	1298	>FBXW7-H46 RTSTVRCMHI	495	803
>FBXW7-H46 HTSTVRCMH	946	>FBXW7-H46 RTSTVRCMHI	139	807
>FBXW7-H46 HTSTVRCMH	268	>FBXW7-H46 RTSTVRCMHI	76	192
>FBXW7-H46 HTSTVRCMH	1017	>FBXW7-H46 RTSTVRCMHI	223	794
>FBXW7-H46 HTSTVRCMH	209	>FBXW7-H46 RTSTVRCMHI	3887	3678
>FBXW7-H46 HTSTVRCMH	178	>FBXW7-H46 RTSTVRCMHI	2892	2714
>FBXW7-H46 HTSTVRCMH	73	>FBXW7-H46 RTSTVRCMHI	64	9
>FBXW7-H46 HTSTVRCM	491	>FBXW7-H46 RTSTVRCM	63	428
>FBXW7-H46 HTSTVRCMH	240	>FBXW7-H46 RTSTVRCMHI	28	212
>FBXW7-H46 HTSTVRCMH	1394	>FBXW7-H46 RTSTVRCMHI	104	1290



>FBXW7-H46 HTSTVRCM	55	>FBXW7-H46 RTSTVRCM	12	43
>FBXW7-H46 HTSTVRCMH	513	>FBXW7-H46 RTSTVRCMH	95	418
>FBXW7-H46 HTSTVRCMH	2422	>FBXW7-H46 RTSTVRCMH	219	2203
>FBXW7-H46 HTSTVRCMH	193	>FBXW7-H46 RTSTVRCMH	39	154
>FBXW7-H46 GHTSTVRCM	13134	>FBXW7-H46 GRTSTVRCM	99	13035
>FBXW7-H46 GHTSTVRCM	18014	>FBXW7-H46 GRTSTVRCM	247	17767
>FBXW7-H46 GHTSTVRCM	12777	>FBXW7-H46 GRTSTVRCM	262	12515
>FBXW7-H46 GHTSTVRCM	15402	>FBXW7-H46 GRTSTVRCM	219	15183
>FBXW7-H46 GHTSTVRCM	5968	>FBXW7-H46 GRTSTVRCM	28	5940
>FBXW7-H46 TGECIHTLYGI	23789	>FBXW7-H46 TGECIHTLYGI	294	23495
>FBXW7-H46 TGECIHTLYGI	25790	>FBXW7-H46 TGECIHTLYGI	291	25499
>FBXW7-H46 YGHTSTVR	272	>FBXW7-H46 YGRTSTVR	1512	1240
>FBXW7-H46 YGHTSTVRCM	464	>FBXW7-H46 YGRTSTVRCM	261	203
>FBXW7-H46 YGHTSTVR	360	>FBXW7-H46 YGRTSTVR	956	596
>FBXW7-H46 LYGHTSTV	393	>FBXW7-H46 LYGRTSTV	66	327
>FBXW7-H46 LYGHTSTV	570	>FBXW7-H46 LYGRTSTV	259	311
>FBXW7-H46 LYGHTSTV	631	>FBXW7-H46 LYGRTSTV	441	190
>FBXW7-H46 LYGHTSTV	131	>FBXW7-H46 LYGRTSTV	105	26
>FBXW7-H46 LYGHTSTVR	412	>FBXW7-H46 LYGRTSTVR	231	181
>FBXW7-H46 LYGHTSTVR	69	>FBXW7-H46 LYGRTSTVR	102	33
>FBXW7-H46 TLYGHTSTV	455	>FBXW7-H46 TLYGRTSTV	312	143
>FBXW7-H46 TLYGHTSTV	17	>FBXW7-H46 TLYGRTSTV	27	10
>FBXW7-H46 TLYGHTST	282	>FBXW7-H46 TLYGRTST	921	639
>FBXW7-H46 TLYGHTSTV	8	>FBXW7-H46 TLYGRTSTV	15	7
>FBXW7-H46 TLYGHTST	18	>FBXW7-H46 TLYGRTST	44	26
>FBXW7-H46 TLYGHTSTV	2	>FBXW7-H46 TLYGRTSTV	3	1
>FBXW7-H46 TLYGHTSTVR	403	>FBXW7-H46 TLYGRTSTVR	965	562
>FBXW7-H46 TLYGHTSTV	53	>FBXW7-H46 TLYGRTSTV	91	38
>FBXW7-H46 TLYGHTST	82	>FBXW7-H46 TLYGRTST	406	324
>FBXW7-H46 TLYGHTSTV	2	>FBXW7-H46 TLYGRTSTV	2	0
>FBXW7-H46 TLYGHTSTVR	33	>FBXW7-H46 TLYGRTSTVR	57	24
>FBXW7-H46 TLYGHTSTV	4	>FBXW7-H46 TLYGRTSTV	6	2
>FBXW7-H46 TLYGHTSTV	6	>FBXW7-H46 TLYGRTSTV	6	0
>FBXW7-H46 TLYGHTSTV	5	>FBXW7-H46 TLYGRTSTV	6	1
>FBXW7-H46 TLYGHTST	15	>FBXW7-H46 TLYGRTST	19	4
>FBXW7-H46 TLYGHTSTV	2	>FBXW7-H46 TLYGRTSTV	2	0
>FBXW7-H46 TLYGHTSTVR	10	>FBXW7-H46 TLYGRTSTVR	10	0
>FBXW7-H46 TLYGHTSTVR	66	>FBXW7-H46 TLYGRTSTVR	72	6
>FBXW7-H46 TLYGHTSTVR	259	>FBXW7-H46 TLYGRTSTVR	358	99
>FBXW7-H46 TLYGHTSTVR	82	>FBXW7-H46 TLYGRTSTVR	67	15
>FBXW7-H46 TLYGHTSTV	182	>FBXW7-H46 TLYGRTSTV	266	84
>FBXW7-H46 TLYGHTSTVR	1529	>FBXW7-H46 TLYGRTSTVR	412	1117
>FBXW7-H46 TLYGHTSTVR	19	>FBXW7-H46 TLYGRTSTVR	42	23

>FBXW7-H46 TLYGHTSTV	210	>FBXW7-H46 TLYGRTSTV	349	139
>FBXW7-H46 TLYGHTSTV	36	>FBXW7-H46 TLYGRTSTV	194	158
>FBXW7-H46 TLYGHTSTV	887	>FBXW7-H46 TLYGRTSTV	294	593
>FBXW7-H46 TLYGHTSTV	178	>FBXW7-H46 TLYGRTSTV	211	33
>FBXW7-H46 TLYGHTSTVR	139	>FBXW7-H46 TLYGRTSTVR	147	8
>FBXW7-H46 HTLYGHTSTV	281	>FBXW7-H46 HTLYGRTSTV	464	183
>FBXW7-H46 HTLYGHTSTV	106	>FBXW7-H46 HTLYGRTSTV	118	12
>FBXW7-H46 HTLYGHTSTV	319	>FBXW7-H46 HTLYGRTSTV	299	20
>FBXW7-H46 HTLYGHTSTV	222	>FBXW7-H46 HTLYGRTSTV	842	620
>FBXW7-H46 HTLYGHTSTV	260	>FBXW7-H46 HTLYGRTSTV	554	294
>FBXW7-H46 HTLYGHTSTV	395	>FBXW7-H46 HTLYGRTSTV	465	70
>FBXW7-H46 HTLYGHTSTV	127	>FBXW7-H46 HTLYGRTSTV	144	17
>FBXW7-H46 HTLYGHTSTV	14	>FBXW7-H46 HTLYGRTSTV	14	0
>FBXW7-H46 HTLYGHTSTV	108	>FBXW7-H46 HTLYGRTSTV	184	76
>FBXW7-H46 HTLYGHTSTV	29	>FBXW7-H46 HTLYGRTSTV	30	1
>FBXW7-H46 HTLYGHTSTV	19	>FBXW7-H46 HTLYGRTSTV	20	1
>FBXW7-H46 HTLYGHTSTV	89	>FBXW7-H46 HTLYGRTSTV	99	10
>FBXW7-H46 HTLYGHTSTV	12	>FBXW7-H46 HTLYGRTSTV	26	14
>FBXW7-H46 HTLYGHTSTV	26	>FBXW7-H46 HTLYGRTSTV	58	32
>FBXW7-H46 HTLYGHTSTV	268	>FBXW7-H46 HTLYGRTSTV	411	143
>FBXW7-H46 HTLYGHTSTV	344	>FBXW7-H46 HTLYGRTSTV	407	63
>FBXW7-H46 CIHTLYGH	9598	>FBXW7-H46 CIHTLYGR	88	9510
>FBXW7-H46 CIHTLYGH	15823	>FBXW7-H46 CIHTLYGR	115	15708
>FBXW7-H46 CIHTLYGH	13973	>FBXW7-H46 CIHTLYGR	43	13930
>FBXW7-H46 ECIHTLYGH	105	>FBXW7-H46 ECIHTLYGR	1830	1725
>FBXW7-H46 ECIHTLYGH	27083	>FBXW7-H46 ECIHTLYGR	349	26734
>FBXW7-H46 ECIHTLYGH	18111	>FBXW7-H46 ECIHTLYGR	92	18019
>FBXW7-H46 ECIHTLYGH	22149	>FBXW7-H46 ECIHTLYGR	134	22015
>FBXW7-H46 GECIHTLYGH	16773	>FBXW7-H46 GECIHTLYGR	476	16297
>FBXW7-H46 GECIHTLYGH	256	>FBXW7-H46 GECIHTLYGR	250	6
>FBXW7-H47 HTSTVR CMH	178	>FBXW7-H47 HTSTVR CMH	4167	3989
>FBXW7-H47 HTSTVR CMH	193	>FBXW7-H47 HTSTVR CMH	6931	6738
>FBXW7-H47 HLHEKR VV	84	>FBXW7-H47 HLPEKR VV	176	92
>FBXW7-H47 HLHEKR VV	15	>FBXW7-H47 HLPEKR VV	32	17
>FBXW7-H47 HLHEKR VV	82	>FBXW7-H47 HLPEKR VV	167	85
>FBXW7-H47 HLHEKR VV	130	>FBXW7-H47 HLPEKR VV	99	31
>FBXW7-H47 HLHEKR VV	7	>FBXW7-H47 HLPEKR VV	9	2
>FBXW7-H47 CMHLHEKR V	427	>FBXW7-H47 CMHLPEKR V	2302	1875
>FBXW7-H47 CMHLHEKR V	260	>FBXW7-H47 CMHLPEKR V	120	140
>FBXW7-H47 CMHLHEKR V	348	>FBXW7-H47 CMHLPEKR V	183	165
>FBXW7-H47 CMHLHEKR V	70	>FBXW7-H47 CMHLPEKR V	63	7
>FBXW7-H47 CMHLHEKR V	179	>FBXW7-H47 CMHLPEKR V	121	58
>FBXW7-H47 CMHLHEKR	87	>FBXW7-H47 CMHLPEKR	289	202

>FBXW7-H47CMHLHEKR	101	>FBXW7-H47CMHLPEKR	174	73
>FBXW7-H47RCMHLHEK	71	>FBXW7-H47RCMHLPEK	61	10
>FBXW7-H47RCMHLHEK	369	>FBXW7-H47RCMHLPEK	1745	1376
>FBXW7-H47RCMHLHEKR	40	>FBXW7-H47RCMHLPEKR	229	189
>FBXW7-H47RCMHLHEKR	46	>FBXW7-H47RCMHLPEKR	43	3
>FBXW7-H47VRCMHLHEK	418	>FBXW7-H47VRCMHLPEKI	1006	588
>FBXW7-H47VRCMHLHEK	677	>FBXW7-H47VRCMHLPEKI	412	265
>FBXW7-H47TVRCMHLHE	127	>FBXW7-H47TVRCMHLPEI	146	19
>FBXW7-H47TVRCMHLHE	113	>FBXW7-H47TVRCMHLPEI	87	26
>FBXW7-H47TVRCMHLHE	333	>FBXW7-H47TVRCMHLPE	146	187
>FBXW7-H47TVRCMHLHE	5	>FBXW7-H47TVRCMHLPEI	4	1
>FBXW7-H47TVRCMHLHE	377	>FBXW7-H47TVRCMHLPEI	568	191
>FBXW7-H47TVRCMHLHE	476	>FBXW7-H47TVRCMHLPEI	2165	1689
>FBXW7-H47TVRCMHLHE	21	>FBXW7-H47TVRCMHLPEI	54	33
>FBXW7-H47TVRCMHLHE	95	>FBXW7-H47TVRCMHLPEI	190	95
>FBXW7-H47TVRCMHLHE	165	>FBXW7-H47TVRCMHLPEI	215	50
>FBXW7-H47TVRCMHLHE	48	>FBXW7-H47TVRCMHLPEI	81	33
>FBXW7-H47STVRCMHLHI	469	>FBXW7-H47STVRCMHLPEI	373	96
>FBXW7-H47STVRCMHLH	216	>FBXW7-H47STVRCMHLP	12683	12467
>FBXW7-H47STVRCMHLHI	12	>FBXW7-H47STVRCMHLPEI	14	2
>FBXW7-H47STVRCMHLH	24	>FBXW7-H47STVRCMHLP	2129	2105
>FBXW7-H47STVRCMHLHI	311	>FBXW7-H47STVRCMHLPEI	343	32
>FBXW7-H47STVRCMHLHI	123	>FBXW7-H47STVRCMHLPEI	54	69
>FBXW7-H47STVRCMHLHI	78	>FBXW7-H47STVRCMHLPEI	228	150
>FBXW7-H47STVRCMHLHI	22	>FBXW7-H47STVRCMHLPEI	41	19
>FBXW7-H47STVRCMHLH	32	>FBXW7-H47STVRCMHLP	1800	1768
>FBXW7-H47STVRCMHLH	109	>FBXW7-H47STVRCMHLP	1107	998
>FBXW7-H47STVRCMHLHI	53	>FBXW7-H47STVRCMHLPEI	67	14
>FBXW7-H54HTNRVYSL	7181	>FBXW7-H54YTNRVYSL	312	6869
>FBXW7-H54HTNRVYSL	320	>FBXW7-H54YTNRVYSL	32	288
>FBXW7-H54HTNRVYSL	1461	>FBXW7-H54YTNRVYSL	80	1381
>FBXW7-H54HTNRVYSL	3881	>FBXW7-H54YTNRVYSL	146	3735
>FBXW7-H54HTNRVYSL	1640	>FBXW7-H54YTNRVYSL	32	1608
>FBXW7-H54HTNRVYSL	4513	>FBXW7-H54YTNRVYSL	492	4021
>FBXW7-H54HTNRVYSL	6385	>FBXW7-H54YTNRVYSL	295	6090
>FBXW7-H54HTNRVYSLQF	596	>FBXW7-H54YTNRVYSLQF	151	445
>FBXW7-H54HTNRVYSLQF	518	>FBXW7-H54YTNRVYSLQF	219	299
>FBXW7-H54HTNRVYSL	208	>FBXW7-H54YTNRVYSL	3530	3322
>FBXW7-H54HTNRVYSLQ	439	>FBXW7-H54YTNRVYSLQ	4113	3674
>FBXW7-H54HTNRVYSL	105	>FBXW7-H54YTNRVYSL	246	141
>FBXW7-H54HTNRVYSLQF	199	>FBXW7-H54YTNRVYSLQF	538	339
>FBXW7-H54HTNRVYSLQ	114	>FBXW7-H54YTNRVYSLQ	76	38
>FBXW7-H54HTNRVYSL	16	>FBXW7-H54YTNRVYSL	28	12

>FBXW7-H54HTNRVYSL	361	>FBXW7-H54YTNRVYSL	164	197
>FBXW7-H54HTNRVYSLQF	257	>FBXW7-H54YTNRVYSLQF	80	177
>FBXW7-H54HTNRVYSLQF	159	>FBXW7-H54YTNRVYSLQF	35	124
>FBXW7-H54HTNRVYSL	173	>FBXW7-H54YTNRVYSL	65	108
>FBXW7-H54HTNRVYSLQF	10	>FBXW7-H54YTNRVYSLQF	5	5
>FBXW7-H54HTNRVYSLQF	166	>FBXW7-H54YTNRVYSLQF	602	436
>FBXW7-H54HTNRVYSL	276	>FBXW7-H54YTNRVYSL	196	80
>FBXW7-H54HTNRVYSLQF	14	>FBXW7-H54YTNRVYSLQF	14	0
>FBXW7-H54HTNRVYSLQF	2940	>FBXW7-H54YTNRVYSLQF	215	2725
>FBXW7-H54HTNRVYSLQ	140	>FBXW7-H54YTNRVYSLQ	18	122
>FBXW7-H54HTNRVYSLQF	74	>FBXW7-H54YTNRVYSLQF	21	53
>FBXW7-H54HTNRVYSLQF	328	>FBXW7-H54YTNRVYSLQF	229	99
>FBXW7-H54GHTNRVYSLC	4458	>FBXW7-H54GYTNRVYSLC	69	4389
>FBXW7-H54GHTNRVYSLC	6837	>FBXW7-H54GYTNRVYSLC	213	6624
>FBXW7-H54GHTNRVYSL	15654	>FBXW7-H54GYTNRVYSL	17	15637
>FBXW7-H54GHTNRVYSLC	3374	>FBXW7-H54GYTNRVYSLC	7	3367
>FBXW7-H54GHTNRVYSLC	400	>FBXW7-H54GYTNRVYSLC	3060	2660
>FBXW7-H54GHTNRVYSL	381	>FBXW7-H54GYTNRVYSL	10882	10501
>FBXW7-H54TETCLHTLQG	2149	>FBXW7-H54TETCLHTLQG	58	2091
>FBXW7-H54TETCLHTLQG	1258	>FBXW7-H54TETCLHTLQG	108	1150
>FBXW7-H54TETCLHTLQG	2883	>FBXW7-H54TETCLHTLQG	133	2750
>FBXW7-H54QGHTNRVY	731	>FBXW7-H54QGYTNRVY	476	255
>FBXW7-H54QGHTNRVY	1550	>FBXW7-H54QGYTNRVY	492	1058
>FBXW7-H54QGHTNRVY	1748	>FBXW7-H54QGYTNRVY	463	1285
>FBXW7-H54LQGHTNRVY:	430	>FBXW7-H54LQGYTNRVY:	413	17
>FBXW7-H54LQGHTNRV	290	>FBXW7-H54LQGYTNRV	279	11
>FBXW7-H54LQGHTNRVY:	309	>FBXW7-H54LQGYTNRVY:	382	73
>FBXW7-H54LQGHTNRVY	299	>FBXW7-H54LQGYTNRVY	195	104
>FBXW7-H54LQGHTNRVY	36	>FBXW7-H54LQGYTNRVY	36	0
>FBXW7-H54LQGHTNRVY:	88	>FBXW7-H54LQGYTNRVY:	84	4
>FBXW7-H54LQGHTNRVY	238	>FBXW7-H54LQGYTNRVY	267	29
>FBXW7-H54LQGHTNRVY	15	>FBXW7-H54LQGYTNRVY	14	1
>FBXW7-H54LQGHTNRVY:	41	>FBXW7-H54LQGYTNRVY:	50	9
>FBXW7-H54TLQGHTNRV	96	>FBXW7-H54TLQGYTNRV	28	68
>FBXW7-H54TLQGHTNRV	12	>FBXW7-H54TLQGYTNRV	7	5
>FBXW7-H54TLQGHTNRV	10	>FBXW7-H54TLQGYTNRV	14	4
>FBXW7-H54TLQGHTNRV	12	>FBXW7-H54TLQGYTNRV	6	6
>FBXW7-H54TLQGHTNRV	24	>FBXW7-H54TLQGYTNRV	13	11
>FBXW7-H54TLQGHTNRV	138	>FBXW7-H54TLQGYTNRV	50	88
>FBXW7-H54TLQGHTNRV	32	>FBXW7-H54TLQGYTNRV	10	22
>FBXW7-H54TLQGHTNRV	2	>FBXW7-H54TLQGYTNRV	2	0
>FBXW7-H54TLQGHTNRV'	1055	>FBXW7-H54TLQGYTNRV'	141	914
>FBXW7-H54TLQGHTNRV'	212	>FBXW7-H54TLQGYTNRV'	74	138

>FBXW7-H54TLQGHTNR	67	>FBXW7-H54TLQGYTNR	53	14
>FBXW7-H54TLQGHTNR	369	>FBXW7-H54TLQGYTNR	232	137
>FBXW7-H54TLQGHTNR	275	>FBXW7-H54TLQGYTNR	207	68
>FBXW7-H54TLQGHTNRV	647	>FBXW7-H54TLQGYTNRV	257	390
>FBXW7-H54TLQGHTNRV\	94	>FBXW7-H54TLQGYTNRV\	104	10
>FBXW7-H54TLQGHTNRV\	40	>FBXW7-H54TLQGYTNRV\	50	10
>FBXW7-H54TLQGHTNR	458	>FBXW7-H54TLQGYTNR	425	33
>FBXW7-H54HTLQGHTNR\	202	>FBXW7-H54HTLQGYTNR\	137	65
>FBXW7-H54HTLQGHTNR\	924	>FBXW7-H54HTLQGYTNR\	380	544
>FBXW7-H54HTLQGHTNR\	151	>FBXW7-H54HTLQGYTNR\	98	53
>FBXW7-H54HTLQGHTNR\	200	>FBXW7-H54HTLQGYTNR\	122	78
>FBXW7-H54HTLQGHTNR\	84	>FBXW7-H54HTLQGYTNR\	89	5
>FBXW7-H54HTLQGHTNR\	20	>FBXW7-H54HTLQGYTNR\	28	8
>FBXW7-H54HTLQGHTNR\	162	>FBXW7-H54HTLQGYTNR\	200	38
>FBXW7-H54HTLQGHTNR\	158	>FBXW7-H54HTLQGYTNR\	169	11
>FBXW7-H54HTLQGHTNR	15	>FBXW7-H54HTLQGYTNR	16	1
>FBXW7-H54HTLQGHTNR	21	>FBXW7-H54HTLQGYTNR	26	5
>FBXW7-H54HTLQGHTNR	26	>FBXW7-H54HTLQGYTNR	38	12
>FBXW7-H54HTLQGHTNR\	1090	>FBXW7-H54HTLQGYTNR\	390	700
>FBXW7-H54HTLQGHTNR\	10	>FBXW7-H54HTLQGYTNR\	9	1
>FBXW7-H54HTLQGHTNR\	226	>FBXW7-H54HTLQGYTNR\	277	51
>FBXW7-H54HTLQGHTNR\	209	>FBXW7-H54HTLQGYTNR\	275	66
>FBXW7-H54HTLQGHTNR\	276	>FBXW7-H54HTLQGYTNR\	227	49
>FBXW7-H54HTLQGHTNR\	173	>FBXW7-H54HTLQGYTNR\	251	78
>FBXW7-H54HTLQGHTNR\	5	>FBXW7-H54HTLQGYTNR\	6	1
>FBXW7-H54HTLQGHTNR\	483	>FBXW7-H54HTLQGYTNR\	471	12
>FBXW7-H54HTLQGHTNR\	12	>FBXW7-H54HTLQGYTNR\	14	2
>FBXW7-H54HTLQGHTNR	94	>FBXW7-H54HTLQGYTNR	91	3
>FBXW7-H54CLHTLQGH	14889	>FBXW7-H54CLHTLQGY	341	14548
>FBXW7-H54CLHTLQGH	12761	>FBXW7-H54CLHTLQGY	176	12585
>FBXW7-H54CLHTLQGH\	99	>FBXW7-H54CLHTLQGY\	85	14
>FBXW7-H54CLHTLQGH	16905	>FBXW7-H54CLHTLQGY	242	16663
>FBXW7-H54CLHTLQGH	20687	>FBXW7-H54CLHTLQGY	468	20219
>FBXW7-H54CLHTLQGH\	120	>FBXW7-H54CLHTLQGY\	96	24
>FBXW7-H54TCLHTLQGH	15067	>FBXW7-H54TCLHTLQGY	257	14810
>FBXW7-H54ETCLHTLQGH	20653	>FBXW7-H54ETCLHTLQGY	171	20482
>FBXW7-H54ETCLHTLQGH	1470	>FBXW7-H54ETCLHTLQGY	73	1397
>FBXW7-H54ETCLHTLQGH	10189	>FBXW7-H54ETCLHTLQGY	450	9739
>FBXW7-H54ETCLHTLQGH	84	>FBXW7-H54ETCLHTLQGY	4	80
>FBXW7-H54ETCLHTLQGH	567	>FBXW7-H54ETCLHTLQGY	13	554
>FBXW7-H54ETCLHTLQGH	4437	>FBXW7-H54ETCLHTLQGY	18	4419
>FBXW7-I56:HVVSGLDTS	393	>FBXW7-I56:HVVSGLDTS	4526	4133
>FBXW7-I56:HVVSGLDTS	351	>FBXW7-I56:HVVSGLDTS	16746	16395

>FBXW7-I56:HVVSGSLDTS	84	>FBXW7-I56:HVVSGSLDTS	2314	2230
>FBXW7-I56:TSIRVWDV	42	>FBXW7-I56:TSTRVWDV	115	73
>FBXW7-I56:DTSIRVWDV	169	>FBXW7-I56:DTSTRVWDV	84	85
>FBXW7-I56:DTSIRVWDV	296	>FBXW7-I56:DTSTRVWDV	366	70
>FBXW7-I56:LDSIRVW	433	>FBXW7-I56:LDTSTRVW	609	176
>FBXW7-I56:LDSIRVWDV	176	>FBXW7-I56:LDTSTRVWDV	94	82
>FBXW7-I56:SLDTSIRV	23	>FBXW7-I56:SLDTSTRV	44	21
>FBXW7-I56:SLDTSIRVWD	36	>FBXW7-I56:SLDTSTRVWI	49	13
>FBXW7-I56:SLDTSIRV	81	>FBXW7-I56:SLDTSTRV	43	38
>FBXW7-I56:SLDTSIRVWD	75	>FBXW7-I56:SLDTSTRVWI	76	1
>FBXW7-I56:SLDTSIRV	95	>FBXW7-I56:SLDTSTRV	42	53
>FBXW7-I56:SLDTSIRVWD	63	>FBXW7-I56:SLDTSTRVWI	73	10
>FBXW7-I56:SLDTSIRV	213	>FBXW7-I56:SLDTSTRV	334	121
>FBXW7-I56:SLDTSIRVWD	73	>FBXW7-I56:SLDTSTRVWI	109	36
>FBXW7-I56:SLDTSIRV	3	>FBXW7-I56:SLDTSTRV	4	1
>FBXW7-I56:SLDTSIRVWD	3	>FBXW7-I56:SLDTSTRVWI	4	1
>FBXW7-I56:SLDTSIRV	6	>FBXW7-I56:SLDTSTRV	10	4
>FBXW7-I56:SLDTSIRVWD	6	>FBXW7-I56:SLDTSTRVWI	7	1
>FBXW7-I56:SLDTSIRV	5	>FBXW7-I56:SLDTSTRV	6	1
>FBXW7-I56:SLDTSIRVWD	5	>FBXW7-I56:SLDTSTRVWI	6	1
>FBXW7-I56:SLDTSIRV	17	>FBXW7-I56:SLDTSTRV	22	5
>FBXW7-I56:SLDTSIRVWD	22	>FBXW7-I56:SLDTSTRVWI	21	1
>FBXW7-I56:SLDTSIRV	2	>FBXW7-I56:SLDTSTRV	3	1
>FBXW7-I56:SLDTSIRVWD	2	>FBXW7-I56:SLDTSTRVWI	3	1
>FBXW7-I56:GSLDTSIRV	179	>FBXW7-I56:GSLDTSTRV	439	260
>FBXW7-I56:GSLDTSIRV	302	>FBXW7-I56:GSLDTSTRV	795	493
>FBXW7-I56:GSLDTSIR	277	>FBXW7-I56:GSLDTSTR	157	120
>FBXW7-I56:GSLDTSIR	906	>FBXW7-I56:GSLDTSTR	499	407
>FBXW7-I56:GSLDTSIRV	304	>FBXW7-I56:GSLDTSTRV	189	115
>FBXW7-I56:GSLDTSIRVW	5	>FBXW7-I56:GSLDTSTRVW	5	0
>FBXW7-I56:GSLDTSIRVW	89	>FBXW7-I56:GSLDTSTRVW	87	2
>FBXW7-I56:GSLDTSIRVW	30	>FBXW7-I56:GSLDTSTRVW	25	5
>FBXW7-I56:GSLDTSIRV	378	>FBXW7-I56:GSLDTSTRV	70	308
>FBXW7-I56:GSLDTSIR	385	>FBXW7-I56:GSLDTSTR	440	55
>FBXW7-I56:SGSLDTSI	348	>FBXW7-I56:SGSLDTST	33128	32780
>FBXW7-I56:VSGSLDTSIR	355	>FBXW7-I56:VSGSLDTSTR	178	177
>FBXW7-I56:VSGSLDTSI	493	>FBXW7-I56:VSGSLDTST	3923	3430
>FBXW7-I56:VSGSLDTSIRV	1335	>FBXW7-I56:VSGSLDTSTRV	396	939
>FBXW7-I56:VSGSLDTSI	44	>FBXW7-I56:VSGSLDTST	28879	28835
>FBXW7-I56:VVSGSLDTSI	322	>FBXW7-I56:VVSGSLDTST	2674	2352
>FBXW7-I56:VVSGSLDTSIF	127	>FBXW7-I56:VVSGSLDTSTIF	83	44
>FBXW7-I56:VVSGSLDTSI	355	>FBXW7-I56:VVSGSLDTST	31450	31095
>FBXW7-K11 KRRRTGGSL	63	>FBXW7-K11 RRRRTGGSL	57	6

>FBXW7-K11 KRRRTGGSLR	172	>FBXW7-K11 RRRRTGGSLR	155	17
>FBXW7-K11 KRRRTGGSLR	338	>FBXW7-K11 RRRRTGGSLR	303	35
>FBXW7-K11 KRRRTGGSLR	356	>FBXW7-K11 RRRRTGGSLR	308	48
>FBXW7-K11 KRRRTGGSL	177	>FBXW7-K11 RRRRTGGSL	59	118
>FBXW7-K11 KRRRTGGSL	89	>FBXW7-K11 RRRRTGGSL	55	34
>FBXW7-K11 KRRRTGGSLR	575	>FBXW7-K11 RRRRTGGSLR	319	256
>FBXW7-K11 KRRRTGGS	2198	>FBXW7-K11 RRRRTGGS	436	1762
>FBXW7-K11 KRRRTGGSL	199	>FBXW7-K11 RRRRTGGSL	51	148
>FBXW7-K11 KRRRTGGSLR	57	>FBXW7-K11 RRRRTGGSLR	18	39
>FBXW7-K11 KRRRTGGS	1477	>FBXW7-K11 RRRRTGGS	380	1097
>FBXW7-K11 KRRRTGGSL	38	>FBXW7-K11 RRRRTGGSL	26	12
>FBXW7-K11 KRRRTGGSLR	50	>FBXW7-K11 RRRRTGGSLR	23	27
>FBXW7-K11 KRRRTGGSLR	310	>FBXW7-K11 RRRRTGGSLR	137	173
>FBXW7-K11 KRRRTGGSL	91	>FBXW7-K11 RRRRTGGSL	39	52
>FBXW7-K11 KRRRTGGSLR	165	>FBXW7-K11 RRRRTGGSLR	48	117
>FBXW7-K11 SKRRRTGGSL	110	>FBXW7-K11 SRRRTGGSL	761	651
>FBXW7-K11 SKRRRTGGSL	3248	>FBXW7-K11 SRRRTGGSL	38	3210
>FBXW7-K11 SKRRRTGGSL	1435	>FBXW7-K11 SRRRTGGSL	69	1366
>FBXW7-K11 SKRRRTGGSL	1865	>FBXW7-K11 SRRRTGGSL	48	1817
>FBXW7-K11 SKRRRTGGSL	3184	>FBXW7-K11 SRRRTGGSL	394	2790
>FBXW7-K11 MNQELLSVG	1385	>FBXW7-K11 MNQELLSVG	354	1031
>FBXW7-K11 GSKRRRTG	967	>FBXW7-K11 GSRRRTG	132	835
>FBXW7-K11 GSKRRRTGG	2197	>FBXW7-K11 GSRRRTGG	382	1815
>FBXW7-K11 GSKRRRTGG	227	>FBXW7-K11 GSRRRTGG	36	191
>FBXW7-K11 GSKRRRTGG	4691	>FBXW7-K11 GSRRRTGG	160	4531
>FBXW7-K11 GSKRRRTGG	933	>FBXW7-K11 GSRRRTGG	106	827
>FBXW7-K11 GSKRRRTGG	184	>FBXW7-K11 GSRRRTGG	55	129
>FBXW7-K11 SVGSKRRR	124	>FBXW7-K11 SVGSRRR	82	42
>FBXW7-K11 SVGSKRRR	750	>FBXW7-K11 SVGSRRR	433	317
>FBXW7-K11 LSVGSKRRR	461	>FBXW7-K11 LSVGSR	278	183
>FBXW7-K11 LSVGSKRR	240	>FBXW7-K11 LSVGSR	175	65
>FBXW7-K11 LSVGSKRRR	343	>FBXW7-K11 LSVGSR	162	181
>FBXW7-K11 LLSVGSKR	525	>FBXW7-K11 LLSVGSRR	455	70
>FBXW7-K11 LLSVGSKRRR	76	>FBXW7-K11 LLSVGSRRR	35	41
>FBXW7-K11 ELLSVGSK	364	>FBXW7-K11 ELLSVGSR	7472	7108
>FBXW7-K11 ELLSVGSK	2049	>FBXW7-K11 ELLSVGSR	66	1983
>FBXW7-K11 ELLSVGSKR	87	>FBXW7-K11 ELLSVGSRR	69	18
>FBXW7-K11 ELLSVGSKRRI	184	>FBXW7-K11 ELLSVGSRRRI	99	85
>FBXW7-K11 ELLSVGSK	137	>FBXW7-K11 ELLSVGSR	40	97
>FBXW7-K11 ELLSVGSKR	27	>FBXW7-K11 ELLSVGSRR	27	0
>FBXW7-K11 ELLSVGSKRRI	92	>FBXW7-K11 ELLSVGSRRRI	64	28
>FBXW7-L59·LVSGNADSTV	1532	>FBXW7-L59·FVSGNADSTV	160	1372
>FBXW7-L59·LVSGNADSTV	93	>FBXW7-L59·FVSGNADSTV	26	67

>FBXW7-L59.LVSGNADSTV	70	>FBXW7-L59.FVSGNADSTV	22	48
>FBXW7-L59.LVSGNADSTV	263	>FBXW7-L59.FVSGNADSTV	55	208
>FBXW7-L59.LVSGNADSTV	147	>FBXW7-L59.FVSGNADSTV	19	128
>FBXW7-L59.LVSGNADSTV	338	>FBXW7-L59.FVSGNADSTV	24	314
>FBXW7-L59.LVSGNADSTV	307	>FBXW7-L59.FVSGNADSTV	31	276
>FBXW7-L59.LVSGNADSTV	261	>FBXW7-L59.FVSGNADSTV	39	222
>FBXW7-L59.LVSGNADSTV	6	>FBXW7-L59.FVSGNADSTV	3	3
>FBXW7-L59.LVSGNADSTV	166	>FBXW7-L59.FVSGNADSTV	295	129
>FBXW7-L59.LVSGNADSTV	147	>FBXW7-L59.FVSGNADSTV	34	113
>FBXW7-L59.LVSGNADSTV	692	>FBXW7-L59.FVSGNADSTV	196	496
>FBXW7-L59.LVSGNADSTV	2785	>FBXW7-L59.FVSGNADSTV	315	2470
>FBXW7-L59.ILVSGNADSTV	93	>FBXW7-L59.IFVSGNADSTV	14575	14482
>FBXW7-L59.ILVSGNADSTV	276	>FBXW7-L59.IFVSGNADSTV	16985	16709
>FBXW7-L59.ILVSGNADSTV	34	>FBXW7-L59.IFVSGNADSTV	2467	2433
>FBXW7-L59.ILVSGNADSTV	7	>FBXW7-L59.IFVSGNADSTV	5989	5982
>FBXW7-L59.ILVSGNADSTV	40	>FBXW7-L59.IFVSGNADSTV	4131	4091
>FBXW7-L59.ILVSGNADSTV	5	>FBXW7-L59.IFVSGNADSTV	3386	3381
>FBXW7-L59.ILVSGNADSTV	8	>FBXW7-L59.IFVSGNADSTV	8609	8601
>FBXW7-L59.ILVSGNADSTV	11	>FBXW7-L59.IFVSGNADSTV	6017	6006
>FBXW7-L59.ILVSGNADSTV	11	>FBXW7-L59.IFVSGNADSTV	10995	10984
>FBXW7-L59.ILVSGNADSTV	190	>FBXW7-L59.IFVSGNADSTV	30117	29927
>FBXW7-L59.ILVSGNADSTV	2	>FBXW7-L59.IFVSGNADSTV	894	892
>FBXW7-L59.NILVSGNA	5820	>FBXW7-L59.NIFVSGNA	308	5512
>FBXW7-L59.ELKDNILV	394	>FBXW7-L59.ELKDNIFV	145	249
>FBXW7-L59.ELKDNILV	104	>FBXW7-L59.ELKDNIFV	78	26
>FBXW7-L59.ELKDNILV	74	>FBXW7-L59.ELKDNIFV	24	50
>FBXW7-L59.ELKDNILV	132	>FBXW7-L59.ELKDNIFV	30	102
>FBXW7-L59.ELKDNILV	440	>FBXW7-L59.ELKDNIFV	77	363
>FBXW7-L59.ELKDNILV	152	>FBXW7-L59.ELKDNIFV	21	131
>FBXW7-L59.ELKDNILV	5	>FBXW7-L59.ELKDNIFV	4	1
>FBXW7-L59.ELKDNILV	548	>FBXW7-L59.ELKDNIFV	132	416
>FBXW7-L59.ELKDNILV	304	>FBXW7-L59.ELKDNIFV	120	184
>FBXW7-L59.MELKDNIL	21	>FBXW7-L59.MELKDNIF	103	82
>FBXW7-L59.MELKDNILV	408	>FBXW7-L59.MELKDNIFV	131	277
>FBXW7-L59.MELKDNILV	797	>FBXW7-L59.MELKDNIFV	213	584
>FBXW7-L59.MELKDNIL	1422	>FBXW7-L59.MELKDNIF	57	1365
>FBXW7-L59.MELKDNIL	583	>FBXW7-L59.MELKDNIF	45	538
>FBXW7-L59.MELKDNIL	23	>FBXW7-L59.MELKDNIF	249	226
>FBXW7-L59.MELKDNILV	62	>FBXW7-L59.MELKDNIFV	60	2
>FBXW7-L59.MELKDNIL	152	>FBXW7-L59.MELKDNIF	497	345
>FBXW7-L59.MELKDNILV	708	>FBXW7-L59.MELKDNIFV	301	407
>FBXW7-L59.MELKDNIL	496	>FBXW7-L59.MELKDNIF	77	419
>FBXW7-L59.MELKDNILV	527	>FBXW7-L59.MELKDNIFV	314	213



>FBXW7-L59.MELKDNILV	136	>FBXW7-L59.MELKDNIFV	67	69
>FBXW7-L59.MELKDNILVS	1073	>FBXW7-L59.MELKDNIFVS	442	631
>FBXW7-L59.MELKDNIL	312	>FBXW7-L59.MELKDNIF	1318	1006
>FBXW7-L59.MELKDNILV	21	>FBXW7-L59.MELKDNIFV	54	33
>FBXW7-L59.GMELKDNILV	507	>FBXW7-L59.GMELKDNIFV	176	331
>FBXW7-L59.GMELKDNILV	387	>FBXW7-L59.GMELKDNIFV	258	129
>FBXW7-L59.GMELKDNILV	498	>FBXW7-L59.GMELKDNIFV	176	322
>FBXW7-L59.GMELKDNILV	44	>FBXW7-L59.GMELKDNIFV	16	28
>FBXW7-L59.GMELKDNILV	255	>FBXW7-L59.GMELKDNIFV	68	187
>FBXW7-L59.GMELKDNILV	35	>FBXW7-L59.GMELKDNIFV	32	3
>FBXW7-L59.SGMELKDNIL	453	>FBXW7-L59.SGMELKDNIF	141	312
>FBXW7-L59.SGMELKDNIL	1106	>FBXW7-L59.SGMELKDNIF	246	860
>FBXW7-L59.SGMELKDNIL	600	>FBXW7-L59.SGMELKDNIF	259	341
>FBXW7-L59.SGMELKDNIL	1128	>FBXW7-L59.SGMELKDNIF	488	640
>FBXW7-P29.EPKDLLQAA	184	>FBXW7-P29.ERKDLLQAA	30560	30376
>FBXW7-P29.LALYVLSFLEP	20053	>FBXW7-P29.LALYVLSFLER	33	20020
>FBXW7-P29.LALYVLSFLEP	30093	>FBXW7-P29.LALYVLSFLER	104	29989
>FBXW7-P29.LALYVLSFLEP	27623	>FBXW7-P29.LALYVLSFLER	44	27579
>FBXW7-P29.LEPKDLLQA	606	>FBXW7-P29.LERKDLLQA	223	383
>FBXW7-P29.FLEPKDLL	443	>FBXW7-P29.FLERKDLL	1224	781
>FBXW7-P29.FLEPKDLLQA	193	>FBXW7-P29.FLERKDLLQA	496	303
>FBXW7-P29.FLEPKDLLQA,	280	>FBXW7-P29.FLERKDLLQA,	824	544
>FBXW7-P29.FLEPKDLL	11	>FBXW7-P29.FLERKDLL	19	8
>FBXW7-P29.FLEPKDLLQA	277	>FBXW7-P29.FLERKDLLQA	489	212
>FBXW7-P29.FLEPKDLLQA,	26	>FBXW7-P29.FLERKDLLQA,	71	45
>FBXW7-P29.FLEPKDLLQA	164	>FBXW7-P29.FLERKDLLQA	173	9
>FBXW7-P29.FLEPKDLLQA,	49	>FBXW7-P29.FLERKDLLQA,	115	66
>FBXW7-P29.FLEPKDLL	422	>FBXW7-P29.FLERKDLL	1733	1311
>FBXW7-P29.FLEPKDLLQA	141	>FBXW7-P29.FLERKDLLQA	407	266
>FBXW7-P29.FLEPKDLLQA,	75	>FBXW7-P29.FLERKDLLQA,	323	248
>FBXW7-P29.FLEPKDLL	125	>FBXW7-P29.FLERKDLL	308	183
>FBXW7-P29.FLEPKDLLQA	197	>FBXW7-P29.FLERKDLLQA	355	158
>FBXW7-P29.FLEPKDLLQA,	91	>FBXW7-P29.FLERKDLLQA,	160	69
>FBXW7-P29.FLEPKDLL	88	>FBXW7-P29.FLERKDLL	190	102
>FBXW7-P29.FLEPKDLLQA	397	>FBXW7-P29.FLERKDLLQA	793	396
>FBXW7-P29.FLEPKDLLQA,	55	>FBXW7-P29.FLERKDLLQA,	107	52
>FBXW7-P29.FLEPKDLL	314	>FBXW7-P29.FLERKDLL	804	490
>FBXW7-P29.FLEPKDLLQA	299	>FBXW7-P29.FLERKDLLQA	783	484
>FBXW7-P29.FLEPKDLLQA,	396	>FBXW7-P29.FLERKDLLQA,	1006	610
>FBXW7-P29.FLEPKDLL	7	>FBXW7-P29.FLERKDLL	12	5
>FBXW7-P29.FLEPKDLLQ	77	>FBXW7-P29.FLERKDLLQ	262	185
>FBXW7-P29.FLEPKDLLQA	5	>FBXW7-P29.FLERKDLLQA	10	5
>FBXW7-P29.FLEPKDLLQA,	6	>FBXW7-P29.FLERKDLLQA,	11	5

>FBXW7-P29 SFLEPKDL	489	>FBXW7-P29 SFLEPKDL	547	58
>FBXW7-P29 SFLEPKDLL	163	>FBXW7-P29 SFLEPKDLL	296	133
>FBXW7-P29 LSFLEPKDL	56	>FBXW7-P29 LSFLEPKDL	157	101
>FBXW7-P29 LSFLEPKDLL	139	>FBXW7-P29 LSFLEPKDLL	273	134
>FBXW7-P29 VLSFLEPKDL	25	>FBXW7-P29 VLSFLEPKDL	33	8
>FBXW7-P29 VLSFLEPKDLL	127	>FBXW7-P29 VLSFLEPKDLL	399	272
>FBXW7-P29 VLSFLEPKDLL	106	>FBXW7-P29 VLSFLEPKDLL	465	359
>FBXW7-P29 VLSFLEPKDLL	469	>FBXW7-P29 VLSFLEPKDLL	2278	1809
>FBXW7-P29 VLSFLEPKDL	89	>FBXW7-P29 VLSFLEPKDL	188	99
>FBXW7-P29 VLSFLEPKDLL	28	>FBXW7-P29 VLSFLEPKDLL	65	37
>FBXW7-P29 VLSFLEPK	160	>FBXW7-P29 VLSFLEPK	185	25
>FBXW7-P29 VLSFLEPK	54	>FBXW7-P29 VLSFLEPK	178	124
>FBXW7-P29 YVLSFLEPKDL	465	>FBXW7-P29 YVLSFLEPKDL	805	340
>FBXW7-P29 YVLSFLEPK	484	>FBXW7-P29 YVLSFLEPK	5005	4521
>FBXW7-P29 YVLSFLEPKDL	425	>FBXW7-P29 YVLSFLEPKDL	489	64
>FBXW7-P29 YVLSFLEPKDL	182	>FBXW7-P29 YVLSFLEPKDL	505	323
>FBXW7-P29 YVLSFLEPKDL	242	>FBXW7-P29 YVLSFLEPKDL	194	48
>FBXW7-P29 YVLSFLEPK	21137	>FBXW7-P29 YVLSFLEPK	107	21030
>FBXW7-P29 YVLSFLEPK	20	>FBXW7-P29 YVLSFLEPK	32	12
>FBXW7-P29 YVLSFLEPK	20403	>FBXW7-P29 YVLSFLEPK	38	20365
>FBXW7-P29 YVLSFLEPK	272	>FBXW7-P29 YVLSFLEPK	1000	728
>FBXW7-P29 YVLSFLEPK	30162	>FBXW7-P29 YVLSFLEPK	109	30053
>FBXW7-P29 YVLSFLEPK	22791	>FBXW7-P29 YVLSFLEPK	15	22776
>FBXW7-P29 YVLSFLEPK	27	>FBXW7-P29 YVLSFLEPK	21	6
>FBXW7-P29 YVLSFLEPKDL	461	>FBXW7-P29 YVLSFLEPKDL	664	203
>FBXW7-P29 YVLSFLEPK	33144	>FBXW7-P29 YVLSFLEPK	116	33028
>FBXW7-P29 LYVLSFLEPK	20417	>FBXW7-P29 LYVLSFLEPK	146	20271
>FBXW7-P29 LYVLSFLEPK	33504	>FBXW7-P29 LYVLSFLEPK	163	33341
>FBXW7-P29 LYVLSFLEPK	25353	>FBXW7-P29 LYVLSFLEPK	22	25331
>FBXW7-P29 LYVLSFLEPK	217	>FBXW7-P29 LYVLSFLEPK	561	344
>FBXW7-P29 ALYVLSFLEPK	981	>FBXW7-P29 ALYVLSFLEPK	483	498
>FBXW7-P29 ALYVLSFLEPK	3312	>FBXW7-P29 ALYVLSFLEPK	69	3243
>FBXW7-P29 ALYVLSFLEPK	38	>FBXW7-P29 ALYVLSFLEPK	37	1
>FBXW7-P29 ALYVLSFLEPK	23759	>FBXW7-P29 ALYVLSFLEPK	55	23704
>FBXW7-P29 ALYVLSFLEPK	14	>FBXW7-P29 ALYVLSFLEPK	22	8
>FBXW7-P29 ALYVLSFLEPK	278	>FBXW7-P29 ALYVLSFLEPK	1086	808
>FBXW7-P29 ALYVLSFLEPK	14714	>FBXW7-P29 ALYVLSFLEPK	20	14694
>FBXW7-P29 ALYVLSFLEPK	111	>FBXW7-P29 ALYVLSFLEPK	282	171
>FBXW7-P29 ALYVLSFLEPK	23029	>FBXW7-P29 ALYVLSFLEPK	135	22894
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>FBXW7-P29 ALYVLSFLEPK	29129	>FBXW7-P29 ALYVLSFLEPK	302	28827
>FBXW7-P29 ALYVLSFLEPK	12180	>FBXW7-P29 ALYVLSFLEPK	347	11833
>FBXW7-P29 ALYVLSFLEPK	34544	>FBXW7-P29 ALYVLSFLEPK	356	34188

>FBXW7-P29 EPKDLLQAA	184	>FBXW7-P29 ESKDLLQAA	27692	27508
>FBXW7-P29 LEPKDLLQA	606	>FBXW7-P29 LESKDLLQA	494	112
>FBXW7-P29 FLEPKDLL	443	>FBXW7-P29 FLESKDLL	345	98
>FBXW7-P29 FLEPKDLLQA	193	>FBXW7-P29 FLESKDLLQA	214	21
>FBXW7-P29 FLEPKDLLQA,	280	>FBXW7-P29 FLESKDLLQA,	254	26
>FBXW7-P29 FLEPKDLL	11	>FBXW7-P29 FLESKDLL	8	3
>FBXW7-P29 FLEPKDLLQA	277	>FBXW7-P29 FLESKDLLQA	96	181
>FBXW7-P29 FLEPKDLLQA,	26	>FBXW7-P29 FLESKDLLQA,	23	3
>FBXW7-P29 FLEPKDLLQA	164	>FBXW7-P29 FLESKDLLQA	98	66
>FBXW7-P29 FLEPKDLLQA,	49	>FBXW7-P29 FLESKDLLQA,	47	2
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>FBXW7-P29 FLEPKDLLQA	141	>FBXW7-P29 FLESKDLLQA	201	60
>FBXW7-P29 FLEPKDLLQA,	75	>FBXW7-P29 FLESKDLLQA,	185	110
>FBXW7-P29 FLEPKDLL	125	>FBXW7-P29 FLESKDLL	178	53
>FBXW7-P29 FLEPKDLLQA	197	>FBXW7-P29 FLESKDLLQA	231	34
>FBXW7-P29 FLEPKDLLQA,	91	>FBXW7-P29 FLESKDLLQA,	103	12
>FBXW7-P29 FLEPKDLL	88	>FBXW7-P29 FLESKDLL	135	47
>FBXW7-P29 FLEPKDLLQA	397	>FBXW7-P29 FLESKDLLQA	636	239
>FBXW7-P29 FLEPKDLLQA,	55	>FBXW7-P29 FLESKDLLQA,	87	32
>FBXW7-P29 FLEPKDLL	314	>FBXW7-P29 FLESKDLL	405	91
>FBXW7-P29 FLEPKDLLQA	299	>FBXW7-P29 FLESKDLLQA	443	144
>FBXW7-P29 FLEPKDLLQA,	396	>FBXW7-P29 FLESKDLLQA,	574	178
>FBXW7-P29 FLEPKDLL	7	>FBXW7-P29 FLESKDLL	10	3
>FBXW7-P29 FLEPKDLLQ	77	>FBXW7-P29 FLESKDLLQ	264	187
>FBXW7-P29 FLEPKDLLQA	5	>FBXW7-P29 FLESKDLLQA	9	4
>FBXW7-P29 FLEPKDLLQA,	6	>FBXW7-P29 FLESKDLLQA,	10	4
>FBXW7-P29 SFLEPKDL	489	>FBXW7-P29 SFLESKDL	474	15
>FBXW7-P29 SFLEPKDLL	163	>FBXW7-P29 SFLESKDLL	125	38
>FBXW7-P29 LSFLEPKDL	56	>FBXW7-P29 LSFLESKDL	28	28
>FBXW7-P29 LSFLEPKDLL	139	>FBXW7-P29 LSFLESKDLL	63	76
>FBXW7-P29 VLSFLEPKDLL	25	>FBXW7-P29 VLSFLESKDLL	13	12
>FBXW7-P29 VLSFLEPKDLL	825	>FBXW7-P29 VLSFLESKDLL	313	512
>FBXW7-P29 VLSFLEPKDLL	127	>FBXW7-P29 VLSFLESKDLL	236	109
>FBXW7-P29 VLSFLEPKDLL	106	>FBXW7-P29 VLSFLESKDLL	181	75
>FBXW7-P29 VLSFLEPKDLL	469	>FBXW7-P29 VLSFLESKDLL	736	267
>FBXW7-P29 VLSFLEPKDL	89	>FBXW7-P29 VLSFLESKDL	79	10
>FBXW7-P29 VLSFLEPKDLL	28	>FBXW7-P29 VLSFLESKDLL	29	1
>FBXW7-P29 VLSFLEPK	160	>FBXW7-P29 VLSFLESK	141	19
>FBXW7-P29 VLSFLEPK	54	>FBXW7-P29 VLSFLESK	97	43
>FBXW7-P29 YVLSFLEPKDL	465	>FBXW7-P29 YVLSFLESKDL	473	8
>FBXW7-P29 YVLSFLEP	684	>FBXW7-P29 YVLSFLES	112	572
>FBXW7-P29 YVLSFLEPK	484	>FBXW7-P29 YVLSFLESK	961	477
>FBXW7-P29 YVLSFLEPKDL	425	>FBXW7-P29 YVLSFLESKDL	232	193

>FBXW7-P29 YVLSFLEPKDL	182	>FBXW7-P29 YVLSFLESKDL	253	71
>FBXW7-P29 YVLSFLEPKDL	242	>FBXW7-P29 YVLSFLESKDL	162	80
>FBXW7-P29 YVLSFLEPK	20	>FBXW7-P29 YVLSFLESK	29	9
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>FBXW7-P29 YVLSFLEPK	27	>FBXW7-P29 YVLSFLESK	22	5
>FBXW7-P29 YVLSFLEPKDL	461	>FBXW7-P29 YVLSFLESKDL	379	82
>FBXW7-P29 LYVLSFLEPK	217	>FBXW7-P29 LYVLSFLESK	726	509
>FBXW7-P29 ALYVLSFLEP	4165	>FBXW7-P29 ALYVLSFLES	367	3798
>FBXW7-P29 ALYVLSFLEPK	981	>FBXW7-P29 ALYVLSFLESK	446	535
>FBXW7-P29 ALYVLSFLEPK	38	>FBXW7-P29 ALYVLSFLESK	36	2
>FBXW7-P29 ALYVLSFLEPK	14	>FBXW7-P29 ALYVLSFLESK	18	4
>FBXW7-P29 ALYVLSFLEPK	278	>FBXW7-P29 ALYVLSFLESK	488	210
>FBXW7-P29 ALYVLSFLEPK	111	>FBXW7-P29 ALYVLSFLESK	341	230
>FBXW7-Q15 QLSSPFYT	110	>FBXW7-Q15 ELSSPFYT	984	874
>FBXW7-Q15 QLSSPFYTKT	385	>FBXW7-Q15 ELSSPFYTKT	1325	940
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>FBXW7-Q15 QLSSPFYT	216	>FBXW7-Q15 ELSSPFYT	389	173
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>FBXW7-Q15 QLSSPFYT	367	>FBXW7-Q15 ELSSPFYT	722	355
>FBXW7-Q15 QLSSPFYTK	65	>FBXW7-Q15 ELSSPFYTK	251	186
>FBXW7-Q15 QLSSPFYTK	28	>FBXW7-Q15 ELSSPFYTK	130	102
>FBXW7-Q15 QLSSPFYTK	366	>FBXW7-Q15 ELSSPFYTK	2513	2147
>FBXW7-Q15 QLSSPFYTK	3131	>FBXW7-Q15 ELSSPFYTK	281	2850
>FBXW7-Q15 QLSSPFYTK	188	>FBXW7-Q15 ELSSPFYTK	19	169
>FBXW7-Q15 QLSSPFYT	2941	>FBXW7-Q15 ELSSPFYT	498	2443
>FBXW7-Q15 HQLSSPFYT	92	>FBXW7-Q15 HELSSPFYT	11121	11029
>FBXW7-Q15 HQLSSPFYTK	69	>FBXW7-Q15 HELSSPFYTK	2499	2430
>FBXW7-Q15 HQLSSPFYTK	32	>FBXW7-Q15 HELSSPFYTK	2885	2853
>FBXW7-Q15 HQLSSPFY	123	>FBXW7-Q15 HELSSPFY	457	334
>FBXW7-Q15 HQLSSPFYTK	91	>FBXW7-Q15 HELSSPFYTK	3330	3239
>FBXW7-Q15 HQLSSPFY	48	>FBXW7-Q15 HELSSPFY	485	437
>FBXW7-Q15 HQLSSPFYTK	306	>FBXW7-Q15 HELSSPFYTK	3979	3673
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>FBXW7-Q15 HQLSSPFY	95	>FBXW7-Q15 HELSSPFY	2285	2190
>FBXW7-Q15 HQLSSPFY	114	>FBXW7-Q15 HELSSPFY	1654	1540
>FBXW7-Q15 HQLSSPFY	5	>FBXW7-Q15 HELSSPFY	99	94
>FBXW7-Q15 HQLSSPFYTK	63	>FBXW7-Q15 HELSSPFYTK	1721	1658
>FBXW7-Q15 HQLSSPFY	2983	>FBXW7-Q15 HELSSPFY	56	2927
>FBXW7-Q15 HQLSSPFYT	15982	>FBXW7-Q15 HELSSPFYT	193	15789
>FBXW7-Q15 HQLSSPFYTK	25088	>FBXW7-Q15 HELSSPFYTK	279	24809
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>FBXW7-Q15 HQLSSPFY	8743	>FBXW7-Q15 HELSSPFY	155	8588
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>FBXW7-Q15 HQLSSPFYT	14529	>FBXW7-Q15 HELSSPFYT	105	14424
>FBXW7-Q15 HQLSSPFYTK'	15163	>FBXW7-Q15 HELSSPFYTKT	205	14958
>FBXW7-Q15 HQLSSPFYT	16831	>FBXW7-Q15 HELSSPFYT	127	16704
>FBXW7-Q15 HQLSSPFYTK'	12165	>FBXW7-Q15 HELSSPFYTKT	85	12080
>FBXW7-Q15 HQLSSPFYTK	116	>FBXW7-Q15 HELSSPFYTK	262	146
>FBXW7-Q15 VHQLSSPFY	87	>FBXW7-Q15 VHELSSPFY	289	202
>FBXW7-Q15 VHQLSSPF	29	>FBXW7-Q15 VHELSSPF	339	310
>FBXW7-Q15 VHQLSSPFY	460	>FBXW7-Q15 VHELSSPFY	3131	2671
>FBXW7-Q15 PVHQLSSPFY	111	>FBXW7-Q15 PVHELSSPFY	105	6
>FBXW7-Q15 PVHQLSSPFY	611	>FBXW7-Q15 PVHELSSPFY	370	241
>FBXW7-Q15 PVHQLSSPFY	363	>FBXW7-Q15 PVHELSSPFY	344	19
>FBXW7-Q15 PVHQLSSPF	233	>FBXW7-Q15 PVHELSSPF	430	197
>FBXW7-Q15 LPVHQLSSPF'	307	>FBXW7-Q15 LPVHELSSPFY	324	17
>FBXW7-Q15 LPVHQLSSPF'	485	>FBXW7-Q15 LPVHELSSPFY	723	238
>FBXW7-Q15 LPVHQLSSPF'	482	>FBXW7-Q15 LPVHELSSPFY	478	4
>FBXW7-Q15 LPVHQLSSPF	217	>FBXW7-Q15 LPVHELSSPF	663	446
>FBXW7-Q15 LPVHQLSSPF	42	>FBXW7-Q15 LPVHELSSPF	41	1
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>FBXW7-Q15 LPVHQLSSPF'	11	>FBXW7-Q15 LPVHELSSPFY	12	1
>FBXW7-Q15 LPVHQLSSPF	85	>FBXW7-Q15 LPVHELSSPF	119	34
>FBXW7-Q15 LPVHQLSSPF'	28	>FBXW7-Q15 LPVHELSSPFY	23	5
>FBXW7-Q15 LPVHQLSS	426	>FBXW7-Q15 LPVHELSS	667	241
>FBXW7-Q15 LPVHQLSSP	259	>FBXW7-Q15 LPVHELSSP	522	263
>FBXW7-Q15 LPVHQLSSPF	19	>FBXW7-Q15 LPVHELSSPF	33	14
>FBXW7-Q15 LPVHQLSSPF'	49	>FBXW7-Q15 LPVHELSSPFY	89	40
>FBXW7-Q15 LPVHQLSSPF	14	>FBXW7-Q15 LPVHELSSPF	15	1
>FBXW7-Q15 LPVHQLSSPF'	102	>FBXW7-Q15 LPVHELSSPFY	107	5
>FBXW7-Q15 IVDLPVHQL	1085	>FBXW7-Q15 IVDLPVHEL	470	615
>FBXW7-Q15 IVDLPVHQL	151	>FBXW7-Q15 IVDLPVHEL	124	27
>FBXW7-Q15 IVDLPVHQL	268	>FBXW7-Q15 IVDLPVHEL	664	396
>FBXW7-Q15 IVDLPVHQL	226	>FBXW7-Q15 IVDLPVHEL	251	25
>FBXW7-Q15 IVDLPVHQL	361	>FBXW7-Q15 IVDLPVHEL	559	198
>FBXW7-Q15 SIVDLPVHQL	163	>FBXW7-Q15 SIVDLPVHEL	102	61
>FBXW7-Q15 SIVDLPVHQL	279	>FBXW7-Q15 SIVDLPVHEL	134	145
>FBXW7-Q15 SIVDLPVHQL	296	>FBXW7-Q15 SIVDLPVHEL	187	109
>FBXW7-Q15 SIVDLPVHQL	25	>FBXW7-Q15 SIVDLPVHEL	22	3
>FBXW7-Q15 SIVDLPVHQL	768	>FBXW7-Q15 SIVDLPVHEL	330	438
>FBXW7-Q15 SIVDLPVHQL	87	>FBXW7-Q15 SIVDLPVHEL	69	18
>FBXW7-Q15 SIVDLPVHQL	10	>FBXW7-Q15 SIVDLPVHEL	10	0
>FBXW7-Q15 SIVDLPVHQL	384	>FBXW7-Q15 SIVDLPVHEL	412	28
>FBXW7-Q15 SIVDLPVHQL	308	>FBXW7-Q15 SIVDLPVHEL	216	92
>FBXW7-Q15 SIVDLPVHQL	83	>FBXW7-Q15 SIVDLPVHEL	118	35

>FBXW7-Q15 SSIVDLPVHQ	949	>FBXW7-Q15 SSIVDLPVHEL	299	650
>FBXW7-Q15 SSIVDLPVHQ	37	>FBXW7-Q15 SSIVDLPVHEL	41	4
>FBXW7-Q15 SSIVDLPVHQ	19	>FBXW7-Q15 SSIVDLPVHEL	32	13
>FBXW7-Q2€ QVKHMMQV	80	>FBXW7-Q2€ RVKHMMQV	19	61
>FBXW7-Q2€ QVKHMMQV	1369	>FBXW7-Q2€ RVKHMMQV	375	994
>FBXW7-Q2€ QVKHMMQV	689	>FBXW7-Q2€ RVKHMMQV	187	502
>FBXW7-Q2€ QVKHMMQV	148	>FBXW7-Q2€ RVKHMMQV	7	141
>FBXW7-Q2€ QVKHMMQV	149	>FBXW7-Q2€ RVKHMMQV	7	142
>FBXW7-Q2€ QVKHMMQV	7077	>FBXW7-Q2€ RVKHMMQV	327	6750
>FBXW7-Q2€ QVKHMMQV	2774	>FBXW7-Q2€ RVKHMMQV	56	2718
>FBXW7-Q2€ QVKHMMQV	2207	>FBXW7-Q2€ RVKHMMQV	290	1917
>FBXW7-Q2€ QVKHMMQV	92	>FBXW7-Q2€ RVKHMMQV	2500	2408
>FBXW7-Q2€ QVKHMMQV	4928	>FBXW7-Q2€ RVKHMMQV	294	4634
>FBXW7-Q2€ QVKHMMQV	1808	>FBXW7-Q2€ RVKHMMQV	416	1392
>FBXW7-Q2€ TQVKHMMQ	21	>FBXW7-Q2€ TRVKHMMQ'	9801	9780
>FBXW7-Q2€ TQVKHMMQ	15	>FBXW7-Q2€ TRVKHMMQ'	11921	11906
>FBXW7-Q2€ TQVKHMMQ	489	>FBXW7-Q2€ TRVKHMMQ'	1477	988
>FBXW7-Q2€ TQVKHMMQ	178	>FBXW7-Q2€ TRVKHMMQ'	789	611
>FBXW7-Q2€ TQVKHMMQ	233	>FBXW7-Q2€ TRVKHMMQ'	280	47
>FBXW7-Q2€ DELIDSCEPTC	194	>FBXW7-Q2€ DELIDSCEPTF	416	222
>FBXW7-Q2€ PTQVKHMM	11992	>FBXW7-Q2€ PTRVKHMM	323	11669
>FBXW7-Q2€ PTQVKHMM	10006	>FBXW7-Q2€ PTRVKHMM	123	9883
>FBXW7-Q2€ PTQVKHMM	5971	>FBXW7-Q2€ PTRVKHMM	30	5941
>FBXW7-Q2€ PTQVKHMM	6909	>FBXW7-Q2€ PTRVKHMM	44	6865
>FBXW7-Q2€ EPTQVKHMM	610	>FBXW7-Q2€ EPTRVKHMM	466	144
>FBXW7-Q2€ EPTQVKHMM	94	>FBXW7-Q2€ EPTRVKHMM	136	42
>FBXW7-Q2€ EPTQVKHM	278	>FBXW7-Q2€ EPTRVKHM	1031	753
>FBXW7-Q2€ EPTQVKHMM	101	>FBXW7-Q2€ EPTRVKHMM	366	265
>FBXW7-Q2€ EPTQVKHMM	245	>FBXW7-Q2€ EPTRVKHMM	457	212
>FBXW7-Q2€ CEPTQVKHM	237	>FBXW7-Q2€ CEPTRVKHM	145	92
>FBXW7-Q2€ CEPTQVKHM	130	>FBXW7-Q2€ CEPTRVKHM	92	38
>FBXW7-Q2€ CEPTQVKHM	394	>FBXW7-Q2€ CEPTRVKHM	369	25
>FBXW7-Q2€ SCEPTQVKHM	148	>FBXW7-Q2€ SCEPTRVKHM	144	4
>FBXW7-Q2€ DSCEPTQVKH	21	>FBXW7-Q2€ DSCEPTRVKH	34	13
>FBXW7-Q2€ DSCEPTQVKH	192	>FBXW7-Q2€ DSCEPTRVKH	134	58
>FBXW7-Q2€ DSCEPTQVK	413	>FBXW7-Q2€ DSCEPTRVK	781	368
>FBXW7-Q2€ DSCEPTQV	345	>FBXW7-Q2€ DSCEPTRV	1029	684
>FBXW7-Q2€ IDSCEPTQV	407	>FBXW7-Q2€ IDSCEPTRV	512	105
>FBXW7-Q2€ LIDSCEPTQV	174	>FBXW7-Q2€ LIDSCEPTRV	150	24
>FBXW7-Q2€ LIDSCEPTQV	152	>FBXW7-Q2€ LIDSCEPTRV	163	11
>FBXW7-Q2€ LIDSCEPTQV	374	>FBXW7-Q2€ LIDSCEPTRV	615	241
>FBXW7-Q2€ LIDSCEPTQV	29	>FBXW7-Q2€ LIDSCEPTRV	35	6
>FBXW7-Q2€ LIDSCEPTQV	45	>FBXW7-Q2€ LIDSCEPTRV	97	52

>FBXW7-Q2€ LIDSCEPTQV	48	>FBXW7-Q2€ LIDSCEPTRV	133	85
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>FBXW7-Q2€ ELIDSCEPTQ\	299	>FBXW7-Q2€ ELIDSCEPTRV	320	21
>FBXW7-Q2€ ELIDSCEPTQ\	38	>FBXW7-Q2€ ELIDSCEPTRV	61	23
>FBXW7-Q2€ ELIDSCEPTQ\	18	>FBXW7-Q2€ ELIDSCEPTRV	26	8
>FBXW7-Q2€ ELIDSCEPTQ\	402	>FBXW7-Q2€ ELIDSCEPTRV	591	189
>FBXW7-Q2€ ELIDSCEPTQ\	12	>FBXW7-Q2€ ELIDSCEPTRV	14	2
>FBXW7-Q2€ ELIDSCEPTQ\	66	>FBXW7-Q2€ ELIDSCEPTRV	72	6
>FBXW7-Q2€ ELIDSCEPTQ\	31	>FBXW7-Q2€ ELIDSCEPTRV	61	30
>FBXW7-Q2€ ELIDSCEPTQ\	18	>FBXW7-Q2€ ELIDSCEPTRV	39	21
>FBXW7-Q2€ ELIDSCEPTQ	287	>FBXW7-Q2€ ELIDSCEPTR	7727	7440
>FBXW7-Q2€ ELIDSCEPTQ\	4	>FBXW7-Q2€ ELIDSCEPTRV	5	1
>FBXW7-Q2€ ELIDSCEPTQ	28648	>FBXW7-Q2€ ELIDSCEPTR	157	28491
>FBXW7-Q2€ ELIDSCEPTQ\	42	>FBXW7-Q2€ ELIDSCEPTRV	32	10
>FBXW7-Q2€ ELIDSCEPTQ\	30	>FBXW7-Q2€ ELIDSCEPTRV	64	34
>FBXW7-R31 RILAEDNL	725	>FBXW7-R31 SILAEDNL	369	356
>FBXW7-R31 RILAEDNLL	295	>FBXW7-R31 SILAEDNLL	142	153
>FBXW7-R31 RILAEDNLL	396	>FBXW7-R31 SILAEDNLL	542	146
>FBXW7-R31 RILAEDNL	920	>FBXW7-R31 SILAEDNL	177	743
>FBXW7-R31 RILAEDNLLW	733	>FBXW7-R31 SILAEDNLLW	416	317
>FBXW7-R31 RILAEDNLLW	61	>FBXW7-R31 SILAEDNLLW	570	509
>FBXW7-R31 RILAEDNLLW	290	>FBXW7-R31 SILAEDNLLW	3083	2793
>FBXW7-R31 RILAEDNLLW	1548	>FBXW7-R31 SILAEDNLLW	258	1290
>FBXW7-R31 RILAEDNLLW	104	>FBXW7-R31 SILAEDNLLW	960	856
>FBXW7-R31 RILAEDNLLW	116	>FBXW7-R31 SILAEDNLLW	905	789
>FBXW7-R31 RILAEDNLLW	11	>FBXW7-R31 SILAEDNLLW	71	60
>FBXW7-R31 RILAEDNLLW	27	>FBXW7-R31 SILAEDNLLW	60	33
>FBXW7-R31 WRILAEDNL	27007	>FBXW7-R31 WSILAEDNL	301	26706
>FBXW7-R31 WRILAEDNLL	27054	>FBXW7-R31 WSILAEDNLL	492	26562
>FBXW7-R31 WRILAEDNLL	9002	>FBXW7-R31 WSILAEDNLL	6	8996
>FBXW7-R31 WRILAEDNLL	20	>FBXW7-R31 WSILAEDNLL	10181	10161
>FBXW7-R31 WRILAEDNLL	152	>FBXW7-R31 WSILAEDNLL	4210	4058
>FBXW7-R31 WRILAEDNLL	18836	>FBXW7-R31 WSILAEDNLL	69	18767
>FBXW7-R31 WRILAEDNLL	9414	>FBXW7-R31 WSILAEDNLL	12	9402
>FBXW7-R31 WRILAEDNLL	9274	>FBXW7-R31 WSILAEDNLL	111	9163
>FBXW7-R31 WRILAEDNLL	1778	>FBXW7-R31 WSILAEDNLL	455	1323
>FBXW7-R31 WRILAEDNLL	105	>FBXW7-R31 WSILAEDNLL	13502	13397
>FBXW7-R31 WRILAEDNLL	114	>FBXW7-R31 WSILAEDNLL	14374	14260
>FBXW7-R31 WRILAEDNLL	77	>FBXW7-R31 WSILAEDNLL	808	731
>FBXW7-R31 LQAAQTCRY\	32	>FBXW7-R31 LQAAQTCRY\	12592	12560
>FBXW7-R31 LQAAQTCRY\	268	>FBXW7-R31 LQAAQTCRY\	32408	32140
>FBXW7-R31 LQAAQTCRY\	67	>FBXW7-R31 LQAAQTCRY\	19120	19053
>FBXW7-R31 YWRILAEDNL	4376	>FBXW7-R31 YWSILAEDNL	256	4120

>FBXW7-R31 YWRILAEDNL	361	>FBXW7-R31 YWSILAEDNL	59	302
>FBXW7-R31 YWRILAEDNL	488	>FBXW7-R31 YWSILAEDNL	75	413
>FBXW7-R31 YWRILAEDNL	468	>FBXW7-R31 YWSILAEDNL	429	39
>FBXW7-R31 YWRILAEDNL	268	>FBXW7-R31 YWSILAEDNL	212	56
>FBXW7-R31 RYWRILAEDN	407	>FBXW7-R31 RYWSILAEDN	229	178
>FBXW7-R31 RYWRILAEDN	61	>FBXW7-R31 RYWSILAEDN	53	8
>FBXW7-R31 RYWRILAEDN	247	>FBXW7-R31 RYWSILAEDN	327	80
>FBXW7-R31 RYWRILAED	383	>FBXW7-R31 RYWSILAED	481	98
>FBXW7-R31 RYWRILAEDN	6	>FBXW7-R31 RYWSILAEDN	6	0
>FBXW7-R31 RYWRILAEDN	324	>FBXW7-R31 RYWSILAEDN	329	5
>FBXW7-R31 RYWRILAEDN	362	>FBXW7-R31 RYWSILAEDN	244	118
>FBXW7-R31 CRYWRILA	270	>FBXW7-R31 CRYWSILA	585	315
>FBXW7-R31 CRYWRILAED	472	>FBXW7-R31 CRYWSILAED	695	223
>FBXW7-R31 CRYWRILA	372	>FBXW7-R31 CRYWSILA	343	29
>FBXW7-R31 CRYWRILA	360	>FBXW7-R31 CRYWSILA	1757	1397
>FBXW7-R31 CRYWRILAED	449	>FBXW7-R31 CRYWSILAED	1104	655
>FBXW7-R31 CRYWRILAE	305	>FBXW7-R31 CRYWSILAE	1912	1607
>FBXW7-R31 TCRYWRILA	83	>FBXW7-R31 TCRYWSILA	98	15
>FBXW7-R31 QTCRYWRIL	974	>FBXW7-R31 QTCRYWSIL	219	755
>FBXW7-R31 QTCRYWRILA	395	>FBXW7-R31 QTCRYWSILA	423	28
>FBXW7-R31 QTCRYWRI	406	>FBXW7-R31 QTCRYWSI	227	179
>FBXW7-R31 QTCRYWRIL	852	>FBXW7-R31 QTCRYWSIL	201	651
>FBXW7-R31 QTCRYWRIL	857	>FBXW7-R31 QTCRYWSIL	33	824
>FBXW7-R31 QTCRYWRI	111	>FBXW7-R31 QTCRYWSI	48	63
>FBXW7-R31 AQTCRYWRI	790	>FBXW7-R31 AQTCRYWSI	340	450
>FBXW7-R31 AQTCRYWRI	1099	>FBXW7-R31 AQTCRYWSI	293	806
>FBXW7-R31 AQTCRYWRI	19	>FBXW7-R31 AQTCRYWSI	7	12
>FBXW7-R31 AQTCRYWRIL	102	>FBXW7-R31 AQTCRYWSIL	35	67
>FBXW7-R31 AQTCRYWRI	765	>FBXW7-R31 AQTCRYWSI	234	531
>FBXW7-R31 AQTCRYWR	14	>FBXW7-R31 AQTCRYWS	10400	10386
>FBXW7-R31 AQTCRYWRI	555	>FBXW7-R31 AQTCRYWSI	46	509
>FBXW7-R31 AQTCRYWRIL	116	>FBXW7-R31 AQTCRYWSIL	34	82
>FBXW7-R31 AQTCRYWR	235	>FBXW7-R31 AQTCRYWS	31428	31193
>FBXW7-R31 AAQTCRYWR	10	>FBXW7-R31 AAQTCRYWS	9877	9867
>FBXW7-R31 AAQTCRYWR	364	>FBXW7-R31 AAQTCRYWS	31504	31140
>FBXW7-R31 AAQTCRYWR	234	>FBXW7-R31 AAQTCRYWS	34655	34421
>FBXW7-R31 AAQTCRYWR	3719	>FBXW7-R31 AAQTCRYWS	440	3279
>FBXW7-R31 AAQTCRYWR	241	>FBXW7-R31 AAQTCRYWS	30548	30307
>FBXW7-R31 QAAQTCRYW	30	>FBXW7-R31 QAAQTCRYW	15318	15288
>FBXW7-R31 QAAQTCRYW	37	>FBXW7-R31 QAAQTCRYW	28972	28935
>FBXW7-R31 QAAQTCRYW	461	>FBXW7-R31 QAAQTCRYW	362	99
>FBXW7-R31 QAAQTCRYW	584	>FBXW7-R31 QAAQTCRYW	295	289
>FBXW7-R31 QAAQTCRYW	170	>FBXW7-R31 QAAQTCRYW	21821	21651



>FBXW7-R31 QAAQTCRYW	172	>FBXW7-R31 QAAQTCRYW	95	77
>FBXW7-R44 RTLKVVNA	161	>FBXW7-R44 WTLKVVNA	126	35
>FBXW7-R44 RTLKVVNA	258	>FBXW7-R44 WTLKVVNA	231	27
>FBXW7-R44 RTLKVVNA	696	>FBXW7-R44 WTLKVVNA	380	316
>FBXW7-R44 RTLKVVNA	48	>FBXW7-R44 WTLKVVNA	10428	10380
>FBXW7-R44 RTLKVVNAE'	480	>FBXW7-R44 WTLKVVNAE'	16536	16056
>FBXW7-R44 RTLKVVNA	5007	>FBXW7-R44 WTLKVVNA	158	4849
>FBXW7-R44 RTLKVVNA	1636	>FBXW7-R44 WTLKVVNA	91	1545
>FBXW7-R44 RTLKVVNAE'	4643	>FBXW7-R44 WTLKVVNAE'	449	4194
>FBXW7-R44 DRTLKVVNA	37499	>FBXW7-R44 DWTLKVVNA	399	37100
>FBXW7-R44 DNIIISGSTDV	208	>FBXW7-R44 DNIIISGSTDV	30048	29840
>FBXW7-R44 STDRTLKV	445	>FBXW7-R44 STDWTLKV	457	12
>FBXW7-R44 STDRTLKV	617	>FBXW7-R44 STDWTLKV	130	487
>FBXW7-R44 STDRTLKV	101	>FBXW7-R44 STDWTLKV	12	89
>FBXW7-R44 STDRTLKVWI	841	>FBXW7-R44 STDWTLKVWI	156	685
>FBXW7-R44 STDRTLKV	100	>FBXW7-R44 STDWTLKV	20	80
>FBXW7-R44 STDRTLKVWI	1175	>FBXW7-R44 STDWTLKVWI	316	859
>FBXW7-R44 STDRTLKV	544	>FBXW7-R44 STDWTLKV	87	457
>FBXW7-R44 STDRTLKV	61	>FBXW7-R44 STDWTLKV	9	52
>FBXW7-R44 STDRTLKVWI	851	>FBXW7-R44 STDWTLKVWI	171	680
>FBXW7-R44 STDRTLKVW	32	>FBXW7-R44 STDWTLKVW	13	19
>FBXW7-R44 STDRTLKVW	108	>FBXW7-R44 STDWTLKVW	370	262
>FBXW7-R44 STDRTLKVW	38	>FBXW7-R44 STDWTLKVW	41	3
>FBXW7-R44 STDRTLKV	5176	>FBXW7-R44 STDWTLKV	425	4751
>FBXW7-R44 STDRTLKVW	285	>FBXW7-R44 STDWTLKVW	253	32
>FBXW7-R44 GSTDRTLKV	2670	>FBXW7-R44 GSTDWTLKV	162	2508
>FBXW7-R44 GSTDRTLK	34	>FBXW7-R44 GSTDWTLK	24	10
>FBXW7-R44 GSTDRTLKVV	11	>FBXW7-R44 GSTDWTLKVV	12	1
>FBXW7-R44 GSTDRTLKVV	168	>FBXW7-R44 GSTDWTLKVV	118	50
>FBXW7-R44 GSTDRTLKVV	47	>FBXW7-R44 GSTDWTLKVV	24	23
>FBXW7-R44 GSTDRTLK	490	>FBXW7-R44 GSTDWTLK	158	332
>FBXW7-R44 SGSTDRTLK	5509	>FBXW7-R44 SGSTDWTLK	387	5122
>FBXW7-R44 ISGSTDRTLK	220	>FBXW7-R44 ISGSTDWTLK	93	127
>FBXW7-R44 ISGSTDRTLK	471	>FBXW7-R44 ISGSTDWTLK	347	124
>FBXW7-R44 ISGSTDRTL	55	>FBXW7-R44 ISGSTDWTL	35	20
>FBXW7-R44 ISGSTDRTL	2715	>FBXW7-R44 ISGSTDWTL	402	2313
>FBXW7-R44 ISGSTDRTL	5161	>FBXW7-R44 ISGSTDWTL	61	5100
>FBXW7-R44 ISGSTDRTL	397	>FBXW7-R44 ISGSTDWTL	1488	1091
>FBXW7-R44 ISGSTDRTL	471	>FBXW7-R44 ISGSTDWTL	693	222
>FBXW7-R44 IISGSTDRTL	4507	>FBXW7-R44 IISGSTDWTL	154	4353
>FBXW7-R44 IISGSTDRTL	133	>FBXW7-R44 IISGSTDWTL	25	108
>FBXW7-R44 IISGSTDRTL	378	>FBXW7-R44 IISGSTDWTL	332	46
>FBXW7-R44 IISGSTDRTL	2214	>FBXW7-R44 IISGSTDWTL	165	2049

>FBXW7-R44 IISGSTDRTL	1512	>FBXW7-R44 IISGSTDWTL	122	1390
>FBXW7-R44 IISGSTDRTL	6183	>FBXW7-R44 IISGSTDWTL	348	5835
>FBXW7-R44 IISGSTDRTL	5590	>FBXW7-R44 IISGSTDWTL	214	5376
>FBXW7-R44 IISGSTDRTL	2853	>FBXW7-R44 IISGSTDWTL	142	2711
>FBXW7-R44 IISGSTDRTL	234	>FBXW7-R44 IISGSTDWTL	12	222
>FBXW7-R44 IISGSTDRTLK	70	>FBXW7-R44 IISGSTDWTLK	73	3
>FBXW7-R44 IISGSTDRTLK	33	>FBXW7-R44 IISGSTDWTLK	34	1
>FBXW7-R44 IISGSTDWR	76	>FBXW7-R44 IISGSTDW	26062	25986
>FBXW7-R44 IISGSTDRTLK	58	>FBXW7-R44 IISGSTDWTLK	85	27
>FBXW7-R44 IISGSTDWR	22459	>FBXW7-R44 IISGSTDW	350	22109
>FBXW7-R44 IISGSTDWR	24323	>FBXW7-R44 IISGSTDW	312	24011
>FBXW7-R44 IISGSTDWR	22027	>FBXW7-R44 IISGSTDW	81	21946
>FBXW7-R44 IIISGSTDRTL	2869	>FBXW7-R44 IIISGSTDWTL	117	2752
>FBXW7-R44 IIISGSTDRTL	938	>FBXW7-R44 IIISGSTDWTL	106	832
>FBXW7-R44 IIISGSTDRTL	397	>FBXW7-R44 IIISGSTDWTL	181	216
>FBXW7-R44 IIISGSTDRTL	796	>FBXW7-R44 IIISGSTDWTL	26	770
>FBXW7-R44 IIISGSTDRTL	1318	>FBXW7-R44 IIISGSTDWTL	97	1221
>FBXW7-R44 IIISGSTDRTL	2952	>FBXW7-R44 IIISGSTDWTL	101	2851
>FBXW7-R44 IIISGSTDRTL	5842	>FBXW7-R44 IIISGSTDWTL	243	5599
>FBXW7-R44 IIISGSTDRTL	483	>FBXW7-R44 IIISGSTDWTL	18	465
>FBXW7-R44 IIISGSTDWR	76	>FBXW7-R44 IIISGSTDW	24289	24213
>FBXW7-R44 IIISGSTDWR	22132	>FBXW7-R44 IIISGSTDW	73	22059
>FBXW7-R44 IIISGSTDWR	22092	>FBXW7-R44 IIISGSTDW	76	22016
>FBXW7-R44 NIIISGSTDWR	19	>FBXW7-R44 NIIISGSTDW	21096	21077
>FBXW7-R46 RCMHLHEK	71	>FBXW7-R46 CCMHLHEK	4251	4180
>FBXW7-R46 RCMHLHEK	369	>FBXW7-R46 CCMHLHEK	6009	5640
>FBXW7-R46 RCMHLHEKR	40	>FBXW7-R46 CCMHLHEKR	901	861
>FBXW7-R46 RCMHLHEKR	46	>FBXW7-R46 CCMHLHEKR	138	92
>FBXW7-R46 VRCMHLHEK	418	>FBXW7-R46 VCCMHLHEK	265	153
>FBXW7-R46 HTLYGHTSTV	14	>FBXW7-R46 HTLYGHTSTV	15599	15585
>FBXW7-R46 HTLYGHTSTV	29	>FBXW7-R46 HTLYGHTSTV	22136	22107
>FBXW7-R46 HTLYGHTSTV	19	>FBXW7-R46 HTLYGHTSTV	26027	26008
>FBXW7-R46 HTLYGHTSTV	344	>FBXW7-R46 HTLYGHTSTV	37000	36656
>FBXW7-R46 TVRCMHLHE	127	>FBXW7-R46 TVCCMHLHE	84	43
>FBXW7-R46 TVRCMHLH	4594	>FBXW7-R46 TVCCMHLH	358	4236
>FBXW7-R46 TVRCMHLHE	113	>FBXW7-R46 TVCCMHLHE	22	91
>FBXW7-R46 TVRCMHLHE	3539	>FBXW7-R46 TVCCMHLHE	252	3287
>FBXW7-R46 TVRCMHLHE	333	>FBXW7-R46 TVCCMHLHE	11008	10675
>FBXW7-R46 TVRCMHLHE	5	>FBXW7-R46 TVCCMHLHE	245	240
>FBXW7-R46 TVRCMHLHE	377	>FBXW7-R46 TVCCMHLHE	10687	10310
>FBXW7-R46 TVRCMHLHE	476	>FBXW7-R46 TVCCMHLHE	402	74
>FBXW7-R46 TVRCMHLHE	21	>FBXW7-R46 TVCCMHLHE	63	42
>FBXW7-R46 TVRCMHLHE	95	>FBXW7-R46 TVCCMHLHE	141	46

>FBXW7-R46 TVRCMHLHE	165	>FBXW7-R46 TVCCMHLHE	56	109
>FBXW7-R46 TVRCMHLHE	48	>FBXW7-R46 TVCCMHLHE	12	36
>FBXW7-R46 TVRCMHLHE	593	>FBXW7-R46 TVCCMHLHE	459	134
>FBXW7-R46 TVRCMHLHE	646	>FBXW7-R46 TVCCMHLHE	221	425
>FBXW7-R46 STVRCMHL	147	>FBXW7-R46 STVCCMHL	441	294
>FBXW7-R46 STVRCMHL	458	>FBXW7-R46 STVCCMHL	194	264
>FBXW7-R46 STVRCMHLH	469	>FBXW7-R46 STVCCMHLH	821	352
>FBXW7-R46 STVRCMHLH	216	>FBXW7-R46 STVCCMHLH	202	14
>FBXW7-R46 STVRCMHLH	12	>FBXW7-R46 STVCCMHLH	12	0
>FBXW7-R46 STVRCMHL	58	>FBXW7-R46 STVCCMHL	81	23
>FBXW7-R46 STVRCMHLH	24	>FBXW7-R46 STVCCMHLH	47	23
>FBXW7-R46 STVRCMHLH	311	>FBXW7-R46 STVCCMHLH	561	250
>FBXW7-R46 STVRCMHLH	123	>FBXW7-R46 STVCCMHLH	333	210
>FBXW7-R46 STVRCMHLH	78	>FBXW7-R46 STVCCMHLH	142	64
>FBXW7-R46 STVRCMHLH	22	>FBXW7-R46 STVCCMHLH	17	5
>FBXW7-R46 STVRCMHL	55	>FBXW7-R46 STVCCMHL	15	40
>FBXW7-R46 STVRCMHL	1380	>FBXW7-R46 STVCCMHL	392	988
>FBXW7-R46 STVRCMHL	54	>FBXW7-R46 STVCCMHL	37	17
>FBXW7-R46 STVRCMHLH	32	>FBXW7-R46 STVCCMHLH	22	10
>FBXW7-R46 STVRCMHLH	109	>FBXW7-R46 STVCCMHLH	87	22
>FBXW7-R46 STVRCMHLH	784	>FBXW7-R46 STVCCMHLH	479	305
>FBXW7-R46 STVRCMHLH	53	>FBXW7-R46 STVCCMHLH	50	3
>FBXW7-R46 TSTVRCMHL	134	>FBXW7-R46 TSTVCCMHL	718	584
>FBXW7-R46 TSTVRCMHL	2322	>FBXW7-R46 TSTVCCMHL	391	1931
>FBXW7-R46 TSTVRCMH	994	>FBXW7-R46 TSTVCCMH	321	673
>FBXW7-R46 HTSTVRCMH	268	>FBXW7-R46 HTSTVCCMH	1425	1157
>FBXW7-R46 HTSTVRCMH	209	>FBXW7-R46 HTSTVCCMH	253	44
>FBXW7-R46 HTSTVRCMH	178	>FBXW7-R46 HTSTVCCMH	180	2
>FBXW7-R46 HTSTVRCMH	73	>FBXW7-R46 HTSTVCCMH	53	20
>FBXW7-R46 HTSTVRCM	491	>FBXW7-R46 HTSTVCCM	226	265
>FBXW7-R46 HTSTVRCMH	240	>FBXW7-R46 HTSTVCCMH	225	15
>FBXW7-R46 HTSTVRCM	55	>FBXW7-R46 HTSTVCCM	125	70
>FBXW7-R46 HTSTVRCMH	513	>FBXW7-R46 HTSTVCCMH	200	313
>FBXW7-R46 HTSTVRCMH	193	>FBXW7-R46 HTSTVCCMH	113	80
>FBXW7-R46 YGHTSTVR	272	>FBXW7-R46 YGHTSTVC	41490	41218
>FBXW7-R46 YGHTSTVR	464	>FBXW7-R46 YGHTSTVCCM	264	200
>FBXW7-R46 YGHTSTVR	360	>FBXW7-R46 YGHTSTVC	35856	35496
>FBXW7-R46 LYGHTSTVR	412	>FBXW7-R46 LYGHTSTVC	22303	21891
>FBXW7-R46 LYGHTSTVR	69	>FBXW7-R46 LYGHTSTVC	34692	34623
>FBXW7-R46 TLYGHTSTVR	403	>FBXW7-R46 TLYGHTSTVC	1024	621
>FBXW7-R46 TLYGHTSTVR	6921	>FBXW7-R46 TLYGHTSTVC	62	6859
>FBXW7-R46 TLYGHTSTVR	33	>FBXW7-R46 TLYGHTSTVC	107	74
>FBXW7-R46 TLYGHTSTVR	3439	>FBXW7-R46 TLYGHTSTVC	28	3411

>FBXW7-R46 TLYGHTSTVR	10	>FBXW7-R46 TLYGHTSTVC	30	20
>FBXW7-R46 TLYGHTSTVR	66	>FBXW7-R46 TLYGHTSTVC	14736	14670
>FBXW7-R46 TLYGHTSTVR	259	>FBXW7-R46 TLYGHTSTVC	34350	34091
>FBXW7-R46 TLYGHTSTVR	82	>FBXW7-R46 TLYGHTSTVC	22951	22869
>FBXW7-R46 TLYGHTSTVR	19	>FBXW7-R46 TLYGHTSTVC	30701	30682
>FBXW7-R46 TLYGHTSTVR	139	>FBXW7-R46 TLYGHTSTVC	35334	35195
>FBXW7-R46 RCMHLHEK	71	>FBXW7-R46 HCMHLHEK	282	211
>FBXW7-R46 RCMHLHEK	369	>FBXW7-R46 HCMHLHEK	1635	1266
>FBXW7-R46 RCMHLHEKR	40	>FBXW7-R46 HCMHLHEKR	128	88
>FBXW7-R46 RCMHLHEKR	6958	>FBXW7-R46 HCMHLHEKR	343	6615
>FBXW7-R46 RCMHLHEKR	46	>FBXW7-R46 HCMHLHEKR	49	3
>FBXW7-R46 VRCMHLHEK	418	>FBXW7-R46 VHCMHLHEK	1055	637
>FBXW7-R46 HTLYGHTSTV	14	>FBXW7-R46 HTLYGHTSTV	2479	2465
>FBXW7-R46 HTLYGHTSTV	29	>FBXW7-R46 HTLYGHTSTV	9380	9351
>FBXW7-R46 HTLYGHTSTV	19	>FBXW7-R46 HTLYGHTSTV	4520	4501
>FBXW7-R46 HTLYGHTSTV	3790	>FBXW7-R46 HTLYGHTSTV	198	3592
>FBXW7-R46 HTLYGHTSTV	700	>FBXW7-R46 HTLYGHTSTV	33	667
>FBXW7-R46 HTLYGHTSTV	344	>FBXW7-R46 HTLYGHTSTV	31873	31529
>FBXW7-R46 TVRCMHLHE	127	>FBXW7-R46 TVHCMHLHE	121	6
>FBXW7-R46 TVRCMHLHE	113	>FBXW7-R46 TVHCMHLHE	67	46
>FBXW7-R46 TVRCMHLHE	3539	>FBXW7-R46 TVHCMHLHE	422	3117
>FBXW7-R46 TVRCMHLHE	333	>FBXW7-R46 TVHCMHLHE	2680	2347
>FBXW7-R46 TVRCMHLHE	5	>FBXW7-R46 TVHCMHLHE	12	7
>FBXW7-R46 TVRCMHLHE	377	>FBXW7-R46 TVHCMHLHE	2109	1732
>FBXW7-R46 TVRCMHLHE	476	>FBXW7-R46 TVHCMHLHE	1287	811
>FBXW7-R46 TVRCMHLHE	21	>FBXW7-R46 TVHCMHLHE	35	14
>FBXW7-R46 TVRCMHLHE	95	>FBXW7-R46 TVHCMHLHE	324	229
>FBXW7-R46 TVRCMHLHE	165	>FBXW7-R46 TVHCMHLHE	59	106
>FBXW7-R46 TVRCMHLHE	48	>FBXW7-R46 TVHCMHLHE	11	37
>FBXW7-R46 TVRCMHLHE	593	>FBXW7-R46 TVHCMHLHE	459	134
>FBXW7-R46 TVRCMHLHE	646	>FBXW7-R46 TVHCMHLHE	239	407
>FBXW7-R46 STVRCMHL	147	>FBXW7-R46 STVHCMHL	623	476
>FBXW7-R46 STVRCMHL	458	>FBXW7-R46 STVHCMHL	244	214
>FBXW7-R46 STVRCMHLH	469	>FBXW7-R46 STVHCMHLH	452	17
>FBXW7-R46 STVRCMHLH	216	>FBXW7-R46 STVHCMHLH	307	91
>FBXW7-R46 STVRCMHLH	12	>FBXW7-R46 STVHCMHLH	12	0
>FBXW7-R46 STVRCMHL	58	>FBXW7-R46 STVHCMHL	56	2
>FBXW7-R46 STVRCMHLH	24	>FBXW7-R46 STVHCMHLH	45	21
>FBXW7-R46 STVRCMHLH	311	>FBXW7-R46 STVHCMHLH	622	311
>FBXW7-R46 STVRCMHLH	2366	>FBXW7-R46 STVHCMHLH	483	1883
>FBXW7-R46 STVRCMHLH	123	>FBXW7-R46 STVHCMHLH	225	102
>FBXW7-R46 STVRCMHLH	827	>FBXW7-R46 STVHCMHLH	421	406
>FBXW7-R46 STVRCMHLH	78	>FBXW7-R46 STVHCMHLH	119	41

>FBXW7-R46 STVRCMHLH	22	>FBXW7-R46 STVHCMHLH	19	3
>FBXW7-R46 STVRCMHL	55	>FBXW7-R46 STVHCMHL	25	30
>FBXW7-R46 STVRCMHL	54	>FBXW7-R46 STVHCMHL	21	33
>FBXW7-R46 STVRCMHL	761	>FBXW7-R46 STVHCMHL	396	365
>FBXW7-R46 STVRCMHLH	32	>FBXW7-R46 STVHCMHLH	30	2
>FBXW7-R46 STVRCMHL	890	>FBXW7-R46 STVHCMHL	477	413
>FBXW7-R46 STVRCMHLH	109	>FBXW7-R46 STVHCMHLH	82	27
>FBXW7-R46 STVRCMHLH	784	>FBXW7-R46 STVHCMHLH	484	300
>FBXW7-R46 STVRCMHLH	53	>FBXW7-R46 STVHCMHLH	46	7
>FBXW7-R46 TSTVRCMHL	134	>FBXW7-R46 TSTVHCMHL	180	46
>FBXW7-R46 TSTVRCMHL	1611	>FBXW7-R46 TSTVHCMHL	316	1295
>FBXW7-R46 HTSTVRCM	570	>FBXW7-R46 HTSTVHCM	164	406
>FBXW7-R46 HTSTVRCMH	268	>FBXW7-R46 HTSTVHCMH	237	31
>FBXW7-R46 HTSTVRCMH	209	>FBXW7-R46 HTSTVHCMH	208	1
>FBXW7-R46 HTSTVRCMH	178	>FBXW7-R46 HTSTVHCMH	174	4
>FBXW7-R46 HTSTVRCM	1101	>FBXW7-R46 HTSTVHCM	239	862
>FBXW7-R46 HTSTVRCMH	73	>FBXW7-R46 HTSTVHCMH	74	1
>FBXW7-R46 HTSTVRCM	491	>FBXW7-R46 HTSTVHCM	205	286
>FBXW7-R46 HTSTVRCMH	240	>FBXW7-R46 HTSTVHCMH	108	132
>FBXW7-R46 HTSTVRCM	5122	>FBXW7-R46 HTSTVHCM	472	4650
>FBXW7-R46 HTSTVRCM	5481	>FBXW7-R46 HTSTVHCM	457	5024
>FBXW7-R46 HTSTVRCM	55	>FBXW7-R46 HTSTVHCM	87	32
>FBXW7-R46 HTSTVRCMH	513	>FBXW7-R46 HTSTVHCMH	256	257
>FBXW7-R46 HTSTVRCMH	193	>FBXW7-R46 HTSTVHCMH	132	61
>FBXW7-R46 GHTSTVRCM	2761	>FBXW7-R46 GHTSTVHCM	165	2596
>FBXW7-R46 YGHTSTVR	272	>FBXW7-R46 YGHTSTVH	24493	24221
>FBXW7-R46 YGHTSTVRCM	464	>FBXW7-R46 YGHTSTVHCM	377	87
>FBXW7-R46 YGHTSTVR	360	>FBXW7-R46 YGHTSTVH	30443	30083
>FBXW7-R46 LYGHTSTVRC	1184	>FBXW7-R46 LYGHTSTVHC	339	845
>FBXW7-R46 LYGHTSTVR	412	>FBXW7-R46 LYGHTSTVH	12964	12552
>FBXW7-R46 LYGHTSTVR	69	>FBXW7-R46 LYGHTSTVH	23448	23379
>FBXW7-R46 TLYGHTSTVR	403	>FBXW7-R46 TLYGHTSTVH	301	102
>FBXW7-R46 TLYGHTSTVR	33	>FBXW7-R46 TLYGHTSTVH	47	14
>FBXW7-R46 TLYGHTSTVR	10	>FBXW7-R46 TLYGHTSTVH	14	4
>FBXW7-R46 TLYGHTSTVR	66	>FBXW7-R46 TLYGHTSTVH	1433	1367
>FBXW7-R46 TLYGHTSTVR	259	>FBXW7-R46 TLYGHTSTVH	12734	12475
>FBXW7-R46 TLYGHTSTVR	82	>FBXW7-R46 TLYGHTSTVH	9713	9631
>FBXW7-R46 TLYGHTSTVR	19	>FBXW7-R46 TLYGHTSTVH	7199	7180
>FBXW7-R46 TLYGHTSTVR	3197	>FBXW7-R46 TLYGHTSTVH	269	2928
>FBXW7-R46 TLYGHTSTVR	139	>FBXW7-R46 TLYGHTSTVH	25197	25058
>FBXW7-R46 RCMHLHEK	71	>FBXW7-R46 LCMHLHEK	2555	2484
>FBXW7-R46 RCMHLHEK	369	>FBXW7-R46 LCMHLHEK	3871	3502
>FBXW7-R46 RCMHLHEKR	40	>FBXW7-R46 LCMHLHEKR	426	386

>FBXW7-R46 RCMHLHEKR	46	>FBXW7-R46 LCMHLHEKR	412	366
>FBXW7-R46 VRCMHLHEK	22706	>FBXW7-R46 VLCMHLHEKI	310	22396
>FBXW7-R46 VRCMHLHEK	15061	>FBXW7-R46 VLCMHLHEKI	65	14996
>FBXW7-R46 VRCMHLHEK	11958	>FBXW7-R46 VLCMHLHEKI	9	11949
>FBXW7-R46 VRCMHLHEK	22905	>FBXW7-R46 VLCMHLHEKI	271	22634
>FBXW7-R46 VRCMHLHEK	35891	>FBXW7-R46 VLCMHLHEK	216	35675
>FBXW7-R46 VRCMHLHEK	10853	>FBXW7-R46 VLCMHLHEKI	5	10848
>FBXW7-R46 VRCMHLHEK	20423	>FBXW7-R46 VLCMHLHEK	115	20308
>FBXW7-R46 VRCMHLHEK	8053	>FBXW7-R46 VLCMHLHEK	50	8003
>FBXW7-R46 VRCMHLHEK	418	>FBXW7-R46 VLCMHLHEKI	71	347
>FBXW7-R46 VRCMHLHEK	1177	>FBXW7-R46 VLCMHLHEKI	196	981
>FBXW7-R46 HTLYGHTSTV	660	>FBXW7-R46 HTLYGHTSTV	399	261
>FBXW7-R46 HTLYGHTSTV	14	>FBXW7-R46 HTLYGHTSTV	6183	6169
>FBXW7-R46 HTLYGHTSTV	3475	>FBXW7-R46 HTLYGHTSTV	71	3404
>FBXW7-R46 HTLYGHTSTV	29	>FBXW7-R46 HTLYGHTSTV	7288	7259
>FBXW7-R46 HTLYGHTSTV	19	>FBXW7-R46 HTLYGHTSTV	13927	13908
>FBXW7-R46 HTLYGHTSTV	20991	>FBXW7-R46 HTLYGHTSTV	386	20605
>FBXW7-R46 HTLYGHTSTV	9939	>FBXW7-R46 HTLYGHTSTV	222	9717
>FBXW7-R46 HTLYGHTSTV	2788	>FBXW7-R46 HTLYGHTSTV	298	2490
>FBXW7-R46 HTLYGHTSTV	3790	>FBXW7-R46 HTLYGHTSTV	6	3784
>FBXW7-R46 HTLYGHTSTV	19501	>FBXW7-R46 HTLYGHTSTV	327	19174
>FBXW7-R46 HTLYGHTSTV	700	>FBXW7-R46 HTLYGHTSTV	19	681
>FBXW7-R46 HTLYGHTSTV	344	>FBXW7-R46 HTLYGHTSTV	34137	33793
>FBXW7-R46 HTLYGHTSTV	32405	>FBXW7-R46 HTLYGHTSTV	168	32237
>FBXW7-R46 TVRCMHLHE	127	>FBXW7-R46 TVLCMHLHEI	60	67
>FBXW7-R46 TVRCMHLH	4594	>FBXW7-R46 TVLCMHLH	331	4263
>FBXW7-R46 TVRCMHLHE	113	>FBXW7-R46 TVLCMHLHEI	19	94
>FBXW7-R46 TVRCMHLHE	3539	>FBXW7-R46 TVLCMHLHEI	213	3326
>FBXW7-R46 TVRCMHLHE	333	>FBXW7-R46 TVLCMHLHE	8893	8560
>FBXW7-R46 TVRCMHLHE	5	>FBXW7-R46 TVLCMHLHEI	75	70
>FBXW7-R46 TVRCMHLHE	377	>FBXW7-R46 TVLCMHLHEI	7449	7072
>FBXW7-R46 TVRCMHLHE	476	>FBXW7-R46 TVLCMHLHEI	651	175
>FBXW7-R46 TVRCMHLHE	21	>FBXW7-R46 TVLCMHLHEI	41	20
>FBXW7-R46 TVRCMHLHE	95	>FBXW7-R46 TVLCMHLHEI	180	85
>FBXW7-R46 TVRCMHLHE	165	>FBXW7-R46 TVLCMHLHEI	63	102
>FBXW7-R46 TVRCMHLHE	48	>FBXW7-R46 TVLCMHLHEI	24	24
>FBXW7-R46 TVRCMHLHE	593	>FBXW7-R46 TVLCMHLHEI	218	375
>FBXW7-R46 TVRCMHLHE	646	>FBXW7-R46 TVLCMHLHEI	140	506
>FBXW7-R46 STVRCMHL	147	>FBXW7-R46 STVLCMHL	302	155
>FBXW7-R46 STVRCMHL	458	>FBXW7-R46 STVLCMHL	410	48
>FBXW7-R46 STVRCMHLH	469	>FBXW7-R46 STVLCMHLHE	942	473
>FBXW7-R46 STVRCMHLH	216	>FBXW7-R46 STVLCMHLH	220	4
>FBXW7-R46 STVRCMHLH	12	>FBXW7-R46 STVLCMHLHE	12	0

>FBXW7-R46 STVRCMHL	58	>FBXW7-R46 STVLCMHL	117	59
>FBXW7-R46 STVRCMHLH	24	>FBXW7-R46 STVLCMHLH	95	71
>FBXW7-R46 STVRCMHLHI	311	>FBXW7-R46 STVLCMHLHI	1027	716
>FBXW7-R46 STVRCMHLHII	123	>FBXW7-R46 STVLCMHLHII	474	351
>FBXW7-R46 STVRCMHLHIII	78	>FBXW7-R46 STVLCMHLHIII	151	73
>FBXW7-R46 STVRCMHLHIV	22	>FBXW7-R46 STVLCMHLHIV	22	0
>FBXW7-R46 STVRCMHL	55	>FBXW7-R46 STVLCMHL	42	13
>FBXW7-R46 STVRCMHL	54	>FBXW7-R46 STVLCMHL	25	29
>FBXW7-R46 STVRCMHLH	32	>FBXW7-R46 STVLCMHLH	53	21
>FBXW7-R46 STVRCMHLH	109	>FBXW7-R46 STVLCMHLH	121	12
>FBXW7-R46 STVRCMHLHI	53	>FBXW7-R46 STVLCMHLHI	60	7
>FBXW7-R46 TSTVRCMHL	134	>FBXW7-R46 TSTVLCMHL	467	333
>FBXW7-R46 TSTVRCMHL	2322	>FBXW7-R46 TSTVLCMHL	434	1888
>FBXW7-R46 TSTVRCMHL	1611	>FBXW7-R46 TSTVLCMHL	407	1204
>FBXW7-R46 HTSTVRCM	570	>FBXW7-R46 HTSTVLCM	193	377
>FBXW7-R46 HTSTVRCMH	268	>FBXW7-R46 HTSTVLCMHI	667	399
>FBXW7-R46 HTSTVRCMH	209	>FBXW7-R46 HTSTVLCMH	464	255
>FBXW7-R46 HTSTVRCMH	178	>FBXW7-R46 HTSTVLCMHI	271	93
>FBXW7-R46 HTSTVRCMH	73	>FBXW7-R46 HTSTVLCMHI	90	17
>FBXW7-R46 HTSTVRCM	491	>FBXW7-R46 HTSTVLCM	139	352
>FBXW7-R46 HTSTVRCMH	240	>FBXW7-R46 HTSTVLCMHI	141	99
>FBXW7-R46 HTSTVRCMH	1394	>FBXW7-R46 HTSTVLCMHI	481	913
>FBXW7-R46 HTSTVRCM	55	>FBXW7-R46 HTSTVLCM	67	12
>FBXW7-R46 HTSTVRCMH	513	>FBXW7-R46 HTSTVLCMH	323	190
>FBXW7-R46 HTSTVRCMH	193	>FBXW7-R46 HTSTVLCMHI	165	28
>FBXW7-R46 GHTSTVRCM	2761	>FBXW7-R46 GHTSTVLCM	392	2369
>FBXW7-R46 YGHTSTVR	272	>FBXW7-R46 YGHTSTVL	34483	34211
>FBXW7-R46 YGHTSTVR	3205	>FBXW7-R46 YGHTSTVL	448	2757
>FBXW7-R46 YGHTSTVRCM	464	>FBXW7-R46 YGHTSTVLCM	305	159
>FBXW7-R46 YGHTSTVR	20700	>FBXW7-R46 YGHTSTVL	459	20241
>FBXW7-R46 YGHTSTVR	360	>FBXW7-R46 YGHTSTVL	32183	31823
>FBXW7-R46 LYGHTSTVR	24789	>FBXW7-R46 LYGHTSTVL	216	24573
>FBXW7-R46 LYGHTSTVR	7290	>FBXW7-R46 LYGHTSTVL	428	6862
>FBXW7-R46 LYGHTSTVR	2757	>FBXW7-R46 LYGHTSTVL	14	2743
>FBXW7-R46 LYGHTSTVR	412	>FBXW7-R46 LYGHTSTVL	15487	15075
>FBXW7-R46 LYGHTSTVR	69	>FBXW7-R46 LYGHTSTVL	28118	28049
>FBXW7-R46 TLYGHTSTVR	10902	>FBXW7-R46 TLYGHTSTVL	120	10782
>FBXW7-R46 TLYGHTSTVR	5126	>FBXW7-R46 TLYGHTSTVL	21	5105
>FBXW7-R46 TLYGHTSTVR	2719	>FBXW7-R46 TLYGHTSTVL	20	2699
>FBXW7-R46 TLYGHTSTVR	403	>FBXW7-R46 TLYGHTSTVL	207	196
>FBXW7-R46 TLYGHTSTVR	6921	>FBXW7-R46 TLYGHTSTVL	9	6912
>FBXW7-R46 TLYGHTSTVR	33	>FBXW7-R46 TLYGHTSTVL	48	15
>FBXW7-R46 TLYGHTSTVR	20465	>FBXW7-R46 TLYGHTSTVL	38	20427

>FBXW7-R46 TLYGHTSTVR	16584	>FBXW7-R46 TLYGHTSTVL	24	16560
>FBXW7-R46 TLYGHTSTVR	24000	>FBXW7-R46 TLYGHTSTVL	220	23780
>FBXW7-R46 TLYGHTSTVR	3439	>FBXW7-R46 TLYGHTSTVL	5	3434
>FBXW7-R46 TLYGHTSTVR	10	>FBXW7-R46 TLYGHTSTVL	13	3
>FBXW7-R46 TLYGHTSTVR	66	>FBXW7-R46 TLYGHTSTVL	6998	6932
>FBXW7-R46 TLYGHTSTVR	259	>FBXW7-R46 TLYGHTSTVL	28967	28708
>FBXW7-R46 TLYGHTSTVR	82	>FBXW7-R46 TLYGHTSTVL	14162	14080
>FBXW7-R46 TLYGHTSTVR	5708	>FBXW7-R46 TLYGHTSTVL	93	5615
>FBXW7-R46 TLYGHTSTVR	19	>FBXW7-R46 TLYGHTSTVL	18683	18664
>FBXW7-R46 TLYGHTSTVR	9782	>FBXW7-R46 TLYGHTSTVL	180	9602
>FBXW7-R46 TLYGHTSTVR	3197	>FBXW7-R46 TLYGHTSTVL	222	2975
>FBXW7-R46 TLYGHTSTVR	4156	>FBXW7-R46 TLYGHTSTVL	483	3673
>FBXW7-R46 TLYGHTSTVR	15417	>FBXW7-R46 TLYGHTSTVL	58	15359
>FBXW7-R46 TLYGHTSTVR	139	>FBXW7-R46 TLYGHTSTVL	28727	28588
>FBXW7-R47 RDATLRVWD	56	>FBXW7-R47 GDATLRVWD	180	124
>FBXW7-R47 RDATLRVWD	94	>FBXW7-R47 GDATLRVWD	113	19
>FBXW7-R47 GSRDATLR	394	>FBXW7-R47 GSGDATLR	14965	14571
>FBXW7-R47 GSRDATLRV	29	>FBXW7-R47 GSGDATLRV	9821	9792
>FBXW7-R47 GSRDATLR	148	>FBXW7-R47 GSGDATLR	1063	915
>FBXW7-R47 GSRDATLRV	91	>FBXW7-R47 GSGDATLRV	3371	3280
>FBXW7-R47 GSRDATLRVV	7	>FBXW7-R47 GSGDATLRV	31	24
>FBXW7-R47 GSRDATLRVV	52	>FBXW7-R47 GSGDATLRV	152	100
>FBXW7-R47 GSRDATLRVV	394	>FBXW7-R47 GSGDATLRV	96	298
>FBXW7-R47 GSRDATLRV	424	>FBXW7-R47 GSGDATLRV	5047	4623
>FBXW7-R47 VSGSRDATL	317	>FBXW7-R47 VSGSGDATL	12395	12078
>FBXW7-R47 VSGSRDATL	303	>FBXW7-R47 VSGSGDATL	3892	3589
>FBXW7-R47 VSGSRDATLR	291	>FBXW7-R47 VSGSGDATLR	196	95
>FBXW7-R47 VSGSRDATL	28	>FBXW7-R47 VSGSGDATL	17	11
>FBXW7-R47 VSGSRDATL	941	>FBXW7-R47 VSGSGDATL	374	567
>FBXW7-R47 VVSGSRDATL	397	>FBXW7-R47 VVSGSGDATL	276	121
>FBXW7-R47 VVSGSRDATL	134	>FBXW7-R47 VVSGSGDATL	102	32
>FBXW7-R47 VVSGSRDATL	287	>FBXW7-R47 VVSGSGDATL	361	74
>FBXW7-R47 VVSGSRDATL	474	>FBXW7-R47 VVSGSGDATL	1349	875
>FBXW7-R47 VVSGSRDATL	37	>FBXW7-R47 VVSGSGDATL	66	29
>FBXW7-R47 VVSGSRDATL	365	>FBXW7-R47 VVSGSGDATL	155	210
>FBXW7-R47 RVVSGSRDA1	434	>FBXW7-R47 RVVSGSGDA1	221	213
>FBXW7-R47 RVVSGSRDA1	127	>FBXW7-R47 RVVSGSGDA1	233	106
>FBXW7-R47 RVVSGSRDA1	472	>FBXW7-R47 RVVSGSGDA1	651	179
>FBXW7-R47 RVVSGSRDA1	15	>FBXW7-R47 RVVSGSGDA1	14	1
>FBXW7-R47 RVVSGSRDA1	281	>FBXW7-R47 RVVSGSGDA1	152	129
>FBXW7-R47 KRVSRSR	224	>FBXW7-R47 KRVSRSR	5911	5687
>FBXW7-R47 RDATLRVWD	820	>FBXW7-R47 LDATLRVWD	288	532
>FBXW7-R47 RDATLRVWD	56	>FBXW7-R47 LDATLRVWD	225	169



>FBXW7-R47 RDATELRVWD	94	>FBXW7-R47 LDATELRVWD	113	19
>FBXW7-R47 SRDATELRV	20094	>FBXW7-R47 SLDATELRV	20	20074
>FBXW7-R47 SRDATELRVWI	21573	>FBXW7-R47 SLDATELRVWI	83	21490
>FBXW7-R47 SRDATELRV	17892	>FBXW7-R47 SLDATELRV	60	17832
>FBXW7-R47 SRDATELRVWI	23521	>FBXW7-R47 SLDATELRVWI	220	23301
>FBXW7-R47 SRDATELRV	19114	>FBXW7-R47 SLDATELRV	47	19067
>FBXW7-R47 SRDATELRVWI	22776	>FBXW7-R47 SLDATELRVWI	326	22450
>FBXW7-R47 SRDATELRV	11796	>FBXW7-R47 SLDATELRV	94	11702
>FBXW7-R47 SRDATELRVWI	15454	>FBXW7-R47 SLDATELRVWI	218	15236
>FBXW7-R47 SRDATELRV	4410	>FBXW7-R47 SLDATELRV	2	4408
>FBXW7-R47 SRDATELRVWI	12659	>FBXW7-R47 SLDATELRVWI	8	12651
>FBXW7-R47 SRDATELRV	18257	>FBXW7-R47 SLDATELRV	6	18251
>FBXW7-R47 SRDATELRVWI	17707	>FBXW7-R47 SLDATELRVWI	17	17690
>FBXW7-R47 SRDATELRV	7507	>FBXW7-R47 SLDATELRV	5	7502
>FBXW7-R47 SRDATELRVWI	14213	>FBXW7-R47 SLDATELRVWI	13	14200
>FBXW7-R47 SRDATELRV	20976	>FBXW7-R47 SLDATELRV	13	20963
>FBXW7-R47 SRDATELRVWI	21456	>FBXW7-R47 SLDATELRVWI	288	21168
>FBXW7-R47 SRDATELRV	8046	>FBXW7-R47 SLDATELRV	2	8044
>FBXW7-R47 SRDATELRVWI	25733	>FBXW7-R47 SLDATELRVWI	20	25713
>FBXW7-R47 SRDATELRV	12506	>FBXW7-R47 SLDATELRV	229	12277
>FBXW7-R47 LHEKRVVSGS	23035	>FBXW7-R47 LHEKRVVSGS	381	22654
>FBXW7-R47 GSRDATELR	6072	>FBXW7-R47 GSLDATELR	272	5800
>FBXW7-R47 GSRDATELR	394	>FBXW7-R47 GSLDATELR	8816	8422
>FBXW7-R47 GSRDATELRV	29	>FBXW7-R47 GSLDATELRV	2930	2901
>FBXW7-R47 GSRDATELR	148	>FBXW7-R47 GSLDATELR	212	64
>FBXW7-R47 GSRDATELR	848	>FBXW7-R47 GSLDATELR	395	453
>FBXW7-R47 GSRDATELRV	91	>FBXW7-R47 GSLDATELRV	256	165
>FBXW7-R47 GSRDATELRVV	7	>FBXW7-R47 GSLDATELRVV	6	1
>FBXW7-R47 GSRDATELRVV	52	>FBXW7-R47 GSLDATELRVV	68	16
>FBXW7-R47 GSRDATELRVV	394	>FBXW7-R47 GSLDATELRVV	30	364
>FBXW7-R47 GSRDATELRV	424	>FBXW7-R47 GSLDATELRV	1231	807
>FBXW7-R47 GSRDATELR	2018	>FBXW7-R47 GSLDATELR	329	1689
>FBXW7-R47 VSGSRDATEL	317	>FBXW7-R47 VSGSLDATEL	3921	3604
>FBXW7-R47 VSGSRDATEL	303	>FBXW7-R47 VSGSLDATEL	719	416
>FBXW7-R47 VSGSRDATELR	291	>FBXW7-R47 VSGSLDATELR	115	176
>FBXW7-R47 VSGSRDATEL	28	>FBXW7-R47 VSGSLDATEL	47	19
>FBXW7-R47 VSGSRDATEL	941	>FBXW7-R47 VSGSLDATEL	231	710
>FBXW7-R47 VVSGSRDATEL	397	>FBXW7-R47 VVSGSLDATEL	146	251
>FBXW7-R47 VVSGSRDATEL	134	>FBXW7-R47 VVSGSLDATEL	78	56
>FBXW7-R47 VVSGSRDATEL	287	>FBXW7-R47 VVSGSLDATEL	261	26
>FBXW7-R47 VVSGSRDATEL	474	>FBXW7-R47 VVSGSLDATEL	786	312
>FBXW7-R47 VVSGSRDATEL	37	>FBXW7-R47 VVSGSLDATEL	57	20
>FBXW7-R47 VVSGSRDATEL	365	>FBXW7-R47 VVSGSLDATEL	282	83

>FBXW7-R47 RVVSGSRDAT	434	>FBXW7-R47 RVVSGSLDAT	144	290
>FBXW7-R47 RVVSGSRDAT	127	>FBXW7-R47 RVVSGSLDAT	75	52
>FBXW7-R47 RVVSGSRDAT	472	>FBXW7-R47 RVVSGSLDAT	836	364
>FBXW7-R47 RVVSGSRDAT	15	>FBXW7-R47 RVVSGSLDAT	12	3
>FBXW7-R47 RVVSGSRDAT	281	>FBXW7-R47 RVVSGSLDAT	151	130
>FBXW7-R47 KRVVSGSR	1007	>FBXW7-R47 KRVVSGSL	142	865
>FBXW7-R47 KRVVSGSR	224	>FBXW7-R47 KRVVSGSL	163	61
>FBXW7-R47 KRVVSGSRDA	1406	>FBXW7-R47 KRVVSGSLDA	445	961
>FBXW7-R47 KRVVSGSR	2730	>FBXW7-R47 KRVVSGSL	175	2555
>FBXW7-R47 KRVVSGSRDA	897	>FBXW7-R47 KRVVSGSLDA	265	632
>FBXW7-R47 KRVVSGSRDA	1814	>FBXW7-R47 KRVVSGSLDA	489	1325
>FBXW7-R47 HEKRVVSGSF	8364	>FBXW7-R47 HEKRVVSGSL	39	8325
>FBXW7-R47 HEKRVVSGSF	1516	>FBXW7-R47 HEKRVVSGSL	131	1385
>FBXW7-R47 RDATLRVWD	820	>FBXW7-R47 QDATLRVWC	344	476
>FBXW7-R47 RDATLRVWD	56	>FBXW7-R47 QDATLRVWC	353	297
>FBXW7-R47 RDATLRVWD	94	>FBXW7-R47 QDATLRVWC	130	36
>FBXW7-R47 SRDATLRV	20094	>FBXW7-R47 SQDATLRV	123	19971
>FBXW7-R47 SRDATLRV	11796	>FBXW7-R47 SQDATLRV	10	11786
>FBXW7-R47 SRDATLRVWI	15454	>FBXW7-R47 SQDATLRVW	43	15411
>FBXW7-R47 SRDATLRV	4410	>FBXW7-R47 SQDATLRV	48	4362
>FBXW7-R47 SRDATLRV	18257	>FBXW7-R47 SQDATLRV	458	17799
>FBXW7-R47 SRDATLRV	7507	>FBXW7-R47 SQDATLRV	60	7447
>FBXW7-R47 GSRDATLR	6072	>FBXW7-R47 GSQDATLR	314	5758
>FBXW7-R47 GSRDATLR	394	>FBXW7-R47 GSQDATLR	12237	11843
>FBXW7-R47 GSRDATLRV	29	>FBXW7-R47 GSQDATLRV	5968	5939
>FBXW7-R47 GSRDATLR	148	>FBXW7-R47 GSQDATLR	297	149
>FBXW7-R47 GSRDATLR	848	>FBXW7-R47 GSQDATLR	449	399
>FBXW7-R47 GSRDATLRV	91	>FBXW7-R47 GSQDATLRV	1005	914
>FBXW7-R47 GSRDATLRVV	7	>FBXW7-R47 GSQDATLRV	15	8
>FBXW7-R47 GSRDATLRVV	52	>FBXW7-R47 GSQDATLRV	105	53
>FBXW7-R47 GSRDATLRVV	394	>FBXW7-R47 GSQDATLRV	60	334
>FBXW7-R47 GSRDATLRV	424	>FBXW7-R47 GSQDATLRV	1975	1551
>FBXW7-R47 VSGSRDATL	317	>FBXW7-R47 VSGSQDATL	4833	4516
>FBXW7-R47 VSGSRDATL	303	>FBXW7-R47 VSGSQDATL	1530	1227
>FBXW7-R47 VSGSRDATLR	291	>FBXW7-R47 VSGSQDATLF	398	107
>FBXW7-R47 VSGSRDATL	28	>FBXW7-R47 VSGSQDATL	32	4
>FBXW7-R47 VVSGSRDATL	397	>FBXW7-R47 VVSGSQDATI	324	73
>FBXW7-R47 VVSGSRDATL	134	>FBXW7-R47 VVSGSQDATI	91	43
>FBXW7-R47 VVSGSRDATL	287	>FBXW7-R47 VVSGSQDATI	455	168
>FBXW7-R47 VVSGSRDATL	474	>FBXW7-R47 VVSGSQDATI	1171	697
>FBXW7-R47 VVSGSRDATL	37	>FBXW7-R47 VVSGSQDATI	43	6
>FBXW7-R47 VVSGSRDATL	365	>FBXW7-R47 VVSGSQDATI	322	43
>FBXW7-R47 RVVSGSRDAT	434	>FBXW7-R47 RVVSGSQDA	247	187

>FBXW7-R47 RVVSGSRDAT	127	>FBXW7-R47 RVVSGSQDA`	122	5
>FBXW7-R47 RVVSGSRDAT	472	>FBXW7-R47 RVVSGSQDA`	1145	673
>FBXW7-R47 RVVSGSRDAT	15	>FBXW7-R47 RVVSGSQDA`	12	3
>FBXW7-R47 RVVSGSRDAT	281	>FBXW7-R47 RVVSGSQDA`	313	32
>FBXW7-R47 KRVSRSRDA/	1095	>FBXW7-R47 KRVSRSQD/	495	600
>FBXW7-R47 KRVSRSR	224	>FBXW7-R47 KRVSRSQ	3002	2778
>FBXW7-R48 RVWDIETGQ	227	>FBXW7-R48 MVWDIETGC	48	179
>FBXW7-R48 RVWDIETGQ	698	>FBXW7-R48 MVWDIETGC	111	587
>FBXW7-R48 RVWDIETGQ	374	>FBXW7-R48 MVWDIETGC	130	244
>FBXW7-R48 RVWDIETGQ	819	>FBXW7-R48 MVWDIETGC	360	459
>FBXW7-R48 RVWDIETGQ	93	>FBXW7-R48 MVWDIETGC	40	53
>FBXW7-R48 RVWDIETGQ	694	>FBXW7-R48 MVWDIETGC	294	400
>FBXW7-R48 RVWDIETGQ	79	>FBXW7-R48 MVWDIETGC	49	30
>FBXW7-R48 RVWDIETGQ	225	>FBXW7-R48 MVWDIETGC	41	184
>FBXW7-R48 RVWDIETGQ	3520	>FBXW7-R48 MVWDIETGC	299	3221
>FBXW7-R48 RVWDIETGQ	2839	>FBXW7-R48 MVWDIETGC	460	2379
>FBXW7-R48 RVWDIETGQ	83	>FBXW7-R48 MVWDIETGC	14	69
>FBXW7-R48 RVWDIETG	359	>FBXW7-R48 MVWDIETG	2773	2414
>FBXW7-R48 RVWDIETGQ	242	>FBXW7-R48 MVWDIETGC	1765	1523
>FBXW7-R48 RVWDIETGQ	7370	>FBXW7-R48 MVWDIETGC	96	7274
>FBXW7-R48 RVWDIETGQ	5876	>FBXW7-R48 MVWDIETGC	387	5489
>FBXW7-R48 RVWDIETGQ	395	>FBXW7-R48 MVWDIETGC	1801	1406
>FBXW7-R48 RVWDIETGQ	4171	>FBXW7-R48 MVWDIETGC	159	4012
>FBXW7-R48 LRVWDIET	23645	>FBXW7-R48 LMVWDIET	481	23164
>FBXW7-R48 LRVWDIET	18865	>FBXW7-R48 LMVWDIET	279	18586
>FBXW7-R48 LRVWDIET	23029	>FBXW7-R48 LMVWDIET	28	23001
>FBXW7-R48 LRVWDIETG	26489	>FBXW7-R48 LMVWDIETG	93	26396
>FBXW7-R48 LRVWDIETGC	28536	>FBXW7-R48 LMVWDIETG	346	28190
>FBXW7-R48 LRVWDIETGC	20262	>FBXW7-R48 LMVWDIETG	42	20220
>FBXW7-R48 LRVWDIET	25017	>FBXW7-R48 LMVWDIET	410	24607
>FBXW7-R48 LRVWDIET	30713	>FBXW7-R48 LMVWDIET	19	30694
>FBXW7-R48 LRVWDIETGC	31007	>FBXW7-R48 LMVWDIETG	24	30983
>FBXW7-R48 LRVWDIETGC	27784	>FBXW7-R48 LMVWDIETG	54	27730
>FBXW7-R48 VVSGSRDATL	287	>FBXW7-R48 VVSGSRDATL	16060	15773
>FBXW7-R48 VVSGSRDATL	474	>FBXW7-R48 VVSGSRDATL	20616	20142
>FBXW7-R48 VVSGSRDATL	37	>FBXW7-R48 VVSGSRDATL	19092	19055
>FBXW7-R48 VVSGSRDATL	7741	>FBXW7-R48 VVSGSRDATL	62	7679
>FBXW7-R48 TLRVWDIET	13731	>FBXW7-R48 TLMVWDIET	103	13628
>FBXW7-R48 TLRVWDIET	5831	>FBXW7-R48 TLMVWDIET	443	5388
>FBXW7-R48 TLRVWDIET	6177	>FBXW7-R48 TLMVWDIET	496	5681
>FBXW7-R48 TLRVWDIET	722	>FBXW7-R48 TLMVWDIET	116	606
>FBXW7-R48 TLRVWDIETG	1268	>FBXW7-R48 TLMVWDIETG	239	1029
>FBXW7-R48 ATLRVWDI	310	>FBXW7-R48 ATLMVWDI	227	83

>FBXW7-R48 ATRVWDI	218	>FBXW7-R48 ATLMVWDI	202	16
>FBXW7-R48 ATRVWDI	468	>FBXW7-R48 ATLMVWDI	316	152
>FBXW7-R48 ATRVWDI	122	>FBXW7-R48 ATLMVWDI	143	21
>FBXW7-R48 ATRVWDI	1342	>FBXW7-R48 ATLMVWDI	395	947
>FBXW7-R48 ATRVWDI	239	>FBXW7-R48 ATLMVWDI	187	52
>FBXW7-R48 ATRVWDI	645	>FBXW7-R48 ATLMVWDI	487	158
>FBXW7-R48 ATRVWDI	148	>FBXW7-R48 ATLMVWDI	147	1
>FBXW7-R48 RDATLRVW	3198	>FBXW7-R48 RDATLMVW	382	2816
>FBXW7-R48 RDATLRVWD	56	>FBXW7-R48 RDATLMVWI	23	33
>FBXW7-R48 RDATLRVWD	94	>FBXW7-R48 RDATLMVWI	42	52
>FBXW7-R48 GSRDATLR	394	>FBXW7-R48 GSRDATLM	257	137
>FBXW7-R48 GSRDATLRV	29	>FBXW7-R48 GSRDATLMV	25	4
>FBXW7-R48 GSRDATLR	148	>FBXW7-R48 GSRDATLM	19694	19546
>FBXW7-R48 GSRDATLR	10648	>FBXW7-R48 GSRDATLM	15	10633
>FBXW7-R48 GSRDATLRV	91	>FBXW7-R48 GSRDATLMV	163	72
>FBXW7-R48 GSRDATLRVV	7	>FBXW7-R48 GSRDATLMV	6	1
>FBXW7-R48 GSRDATLRVV	52	>FBXW7-R48 GSRDATLMV	52	0
>FBXW7-R48 GSRDATLRVV	394	>FBXW7-R48 GSRDATLMV	44	350
>FBXW7-R48 GSRDATLR	12774	>FBXW7-R48 GSRDATLM	183	12591
>FBXW7-R48 GSRDATLRV	424	>FBXW7-R48 GSRDATLMV	172	252
>FBXW7-R48 SGSRDATLRV	633	>FBXW7-R48 SGSRDATLM	68	565
>FBXW7-R48 SGSRDATLR	9774	>FBXW7-R48 SGSRDATLM	71	9703
>FBXW7-R48 VSGSRDATLR	291	>FBXW7-R48 VSGSRDATLM	35369	35078
>FBXW7-R48 VSGSRDATLR	19063	>FBXW7-R48 VSGSRDATLM	178	18885
>FBXW7-R48 VSGSRDATLR	19545	>FBXW7-R48 VSGSRDATLM	64	19481
>FBXW7-R48 RVWDIETGQ	227	>FBXW7-R48 TVWDIETGQ	446	219
>FBXW7-R48 RVWDIETGQ	374	>FBXW7-R48 TVWDIETGQ	1063	689
>FBXW7-R48 RVWDIETGQ	93	>FBXW7-R48 TVWDIETGQ	452	359
>FBXW7-R48 RVWDIETGQ	79	>FBXW7-R48 TVWDIETGQ	180	101
>FBXW7-R48 RVWDIETGQ	225	>FBXW7-R48 TVWDIETGQ	323	98
>FBXW7-R48 RVWDIETGQ	83	>FBXW7-R48 TVWDIETGQ	115	32
>FBXW7-R48 RVWDIETG	359	>FBXW7-R48 TVWDIETG	5985	5626
>FBXW7-R48 RVWDIETGQ	242	>FBXW7-R48 TVWDIETGQ	3723	3481
>FBXW7-R48 RVWDIETGQ	7370	>FBXW7-R48 TVWDIETGQ	276	7094
>FBXW7-R48 RVWDIETGQ	395	>FBXW7-R48 TVWDIETGQ	6729	6334
>FBXW7-R48 VVSGSRDATL	287	>FBXW7-R48 VVSGSRDATL	21308	21021
>FBXW7-R48 VVSGSRDATL	474	>FBXW7-R48 VVSGSRDATL	23125	22651
>FBXW7-R48 VVSGSRDATL	37	>FBXW7-R48 VVSGSRDATL	21365	21328
>FBXW7-R48 TLRVWDIET	722	>FBXW7-R48 TLTVWDIET	129	593
>FBXW7-R48 TLRVWDIETG	1268	>FBXW7-R48 TLTVWDIETG	273	995
>FBXW7-R48 ATRVWDI	310	>FBXW7-R48 ATLTVWDI	204	106
>FBXW7-R48 ATRVWDI	218	>FBXW7-R48 ATLTVWDI	234	16
>FBXW7-R48 ATRVWDI	468	>FBXW7-R48 ATLTVWDI	352	116

>FBXW7-R48 ATLRVWDI	122	>FBXW7-R48 ATLTVWDI	144	22
>FBXW7-R48 ATLRVWDI	239	>FBXW7-R48 ATLTVWDI	160	79
>FBXW7-R48 ATLRVWDI	148	>FBXW7-R48 ATLTVWDI	162	14
>FBXW7-R48 RDATLRVWD	56	>FBXW7-R48 RDATLTVWD	18	38
>FBXW7-R48 RDATLRVWD	94	>FBXW7-R48 RDATLTVWD	35	59
>FBXW7-R48 SRDATLRV	1749	>FBXW7-R48 SRDATLTV	295	1454
>FBXW7-R48 GSRDATLR	394	>FBXW7-R48 GSRDATLT	1630	1236
>FBXW7-R48 GSRDATLRV	29	>FBXW7-R48 GSRDATLTV	15	14
>FBXW7-R48 GSRDATLR	148	>FBXW7-R48 GSRDATLT	21411	21263
>FBXW7-R48 GSRDATLRV	91	>FBXW7-R48 GSRDATLTV	64	27
>FBXW7-R48 GSRDATLRVV	7	>FBXW7-R48 GSRDATLTVV	5	2
>FBXW7-R48 GSRDATLRVV	52	>FBXW7-R48 GSRDATLTVV	60	8
>FBXW7-R48 GSRDATLRVV	394	>FBXW7-R48 GSRDATLTVV	69	325
>FBXW7-R48 GSRDATLRV	424	>FBXW7-R48 GSRDATLTV	233	191
>FBXW7-R48 SGSRDATLRV	633	>FBXW7-R48 SGSRDATLTV	121	512
>FBXW7-R48 VSGSRDATLR	291	>FBXW7-R48 VSGSRDATLT	35047	34756
>FBXW7-R50 RCVQYDGR	60	>FBXW7-R50 CCVQYDGR	159	99
>FBXW7-R50 RCVQYDGRR	63	>FBXW7-R50 CCVQYDGRR	228	165
>FBXW7-R50 HVLMGHVAA	20	>FBXW7-R50 HVLMGHVAA	14812	14792
>FBXW7-R50 HVLMGHVAA	39	>FBXW7-R50 HVLMGHVAA	22990	22951
>FBXW7-R50 HVLMGHVAA	35	>FBXW7-R50 HVLMGHVAA	29286	29251
>FBXW7-R50 HVLMGHVAA	143	>FBXW7-R50 HVLMGHVAA	36212	36069
>FBXW7-R50 AVRCVQYD	350	>FBXW7-R50 AVCCVQYD	8921	8571
>FBXW7-R50 AVRCVQYDG	247	>FBXW7-R50 AVCCVQYDG	10697	10450
>FBXW7-R50 AVRCVQYDG	262	>FBXW7-R50 AVCCVQYDG	10741	10479
>FBXW7-R50 AVRCVQYDG	158	>FBXW7-R50 AVCCVQYDG	134	24
>FBXW7-R50 AVRCVQYDG	82	>FBXW7-R50 AVCCVQYDG	198	116
>FBXW7-R50 AVRCVQYDG	516	>FBXW7-R50 AVCCVQYDG	161	355
>FBXW7-R50 AVRCVQYDG	684	>FBXW7-R50 AVCCVQYDG	141	543
>FBXW7-R50 AAVRCVQY	410	>FBXW7-R50 AAVCCVQY	628	218
>FBXW7-R50 AAVRCVQYD	383	>FBXW7-R50 AAVCCVQYD	718	335
>FBXW7-R50 AAVRCVQYD	501	>FBXW7-R50 AAVCCVQYD	416	85
>FBXW7-R50 AAVRCVQY	513	>FBXW7-R50 AAVCCVQY	345	168
>FBXW7-R50 AAVRCVQY	181	>FBXW7-R50 AAVCCVQY	96	85
>FBXW7-R50 AAVRCVQY	14	>FBXW7-R50 AAVCCVQY	15	1
>FBXW7-R50 AAVRCVQY	558	>FBXW7-R50 AAVCCVQY	113	445
>FBXW7-R50 VAAVRCVQY	451	>FBXW7-R50 VAAVCCVQY	217	234
>FBXW7-R50 VAAVRCVQY	675	>FBXW7-R50 VAAVCCVQY	108	567
>FBXW7-R50 VAAVRCVQY	833	>FBXW7-R50 VAAVCCVQY	257	576
>FBXW7-R50 VAAVRCVQY	29	>FBXW7-R50 VAAVCCVQY	54	25
>FBXW7-R50 VAAVRCVQY	703	>FBXW7-R50 VAAVCCVQY	86	617
>FBXW7-R50 VAAVRCVQY	766	>FBXW7-R50 VAAVCCVQY	266	500
>FBXW7-R50 HVAAVRCV	3903	>FBXW7-R50 HVAAVCCV	495	3408

>FBXW7-R50 HVAAVRCV	294	>FBXW7-R50 HVAAVCCV	61	233
>FBXW7-R50 HVAAVRCV	398	>FBXW7-R50 HVAAVCCV	165	233
>FBXW7-R50 HVAAVRCV	1076	>FBXW7-R50 HVAAVCCV	102	974
>FBXW7-R50 HVAAVRCV	1502	>FBXW7-R50 HVAAVCCV	295	1207
>FBXW7-R50 HVAAVRCV	531	>FBXW7-R50 HVAAVCCV	48	483
>FBXW7-R50 HVAAVRCV	3068	>FBXW7-R50 HVAAVCCV	178	2890
>FBXW7-R50 HVAAVRCV	322	>FBXW7-R50 HVAAVCCV	34	288
>FBXW7-R50 HVAAVRCVQ	451	>FBXW7-R50 HVAAVCCVQ	541	90
>FBXW7-R50 HVAAVRCVQ	228	>FBXW7-R50 HVAAVCCVQ	189	39
>FBXW7-R50 HVAAVRCVQ	142	>FBXW7-R50 HVAAVCCVQ	188	46
>FBXW7-R50 HVAAVRCVQ	294	>FBXW7-R50 HVAAVCCVQ	310	16
>FBXW7-R50 HVAAVRCVQ	80	>FBXW7-R50 HVAAVCCVQ	140	60
>FBXW7-R50 HVAAVRCV	9	>FBXW7-R50 HVAAVCCV	7	2
>FBXW7-R50 HVAAVRCV	320	>FBXW7-R50 HVAAVCCV	97	223
>FBXW7-R50 HVAAVRCVQ	373	>FBXW7-R50 HVAAVCCVQ	385	12
>FBXW7-R50 HVAAVRCVQ	192	>FBXW7-R50 HVAAVCCVQ	160	32
>FBXW7-R50 HVAAVRCVQ	33	>FBXW7-R50 HVAAVCCVQ	35	2
>FBXW7-R50 GHVAAVRCV	876	>FBXW7-R50 GHVAAVCCV	459	417
>FBXW7-R50 MGHVA AVR	252	>FBXW7-R50 MGHVA AVC	23674	23422
>FBXW7-R50 MGHVA AVR	108	>FBXW7-R50 MGHVA AVC	38672	38564
>FBXW7-R50 LMGHVA AVR	348	>FBXW7-R50 LMGHVA AVC	81	267
>FBXW7-R50 LMGHVA AVR	129	>FBXW7-R50 LMGHVA AVC	46	83
>FBXW7-R50 LMGHVA AVR	48	>FBXW7-R50 LMGHVA AVC	34	14
>FBXW7-R50 LMGHVA AVR	805	>FBXW7-R50 LMGHVA AVC	159	646
>FBXW7-R50 LMGHVA AVR	10813	>FBXW7-R50 LMGHVA AVC	103	10710
>FBXW7-R50 LMGHVA AVR	170	>FBXW7-R50 LMGHVA AVC	546	376
>FBXW7-R50 LMGHVA AVR	5	>FBXW7-R50 LMGHVA AVC	3	2
>FBXW7-R50 LMGHVA AVR	18665	>FBXW7-R50 LMGHVA AVC	419	18246
>FBXW7-R50 LMGHVA AVR	10	>FBXW7-R50 LMGHVA AVC	4	6
>FBXW7-R50 LMGHVA AVR	14	>FBXW7-R50 LMGHVA AVC	7	7
>FBXW7-R50 LMGHVA AVR	11	>FBXW7-R50 LMGHVA AVC	4	7
>FBXW7-R50 LMGHVA AVR	206	>FBXW7-R50 LMGHVA AVC	1076	870
>FBXW7-R50 LMGHVA AVR	6	>FBXW7-R50 LMGHVA AVC	3	3
>FBXW7-R50 LMGHVA AVR	85	>FBXW7-R50 LMGHVA AVC	20993	20908
>FBXW7-R50 LMGHVA AVR	325	>FBXW7-R50 LMGHVA AVC	39680	39355
>FBXW7-R50 LMGHVA AVR	980	>FBXW7-R50 LMGHVA AVC	358	622
>FBXW7-R50 VLMGHVAAV	436	>FBXW7-R50 VLMGHVAAV	951	515
>FBXW7-R50 VLMGHVAAV	2928	>FBXW7-R50 VLMGHVAAV	19	2909
>FBXW7-R50 VLMGHVAAV	31	>FBXW7-R50 VLMGHVAAV	84	53
>FBXW7-R50 VLMGHVAAV	13744	>FBXW7-R50 VLMGHVAAV	145	13599
>FBXW7-R50 VLMGHVAAV	454	>FBXW7-R50 VLMGHVAAV	297	157
>FBXW7-R50 VLMGHVAAV	9109	>FBXW7-R50 VLMGHVAAV	44	9065
>FBXW7-R50 VLMGHVAAV	53	>FBXW7-R50 VLMGHVAAV	44	9

>FBXW7-R50 VLMGHVAAV	2030	>FBXW7-R50 VLMGHVAAV	18	2012
>FBXW7-R50 VLMGHVAAV	11	>FBXW7-R50 VLMGHVAAV	28	17
>FBXW7-R50 VLMGHVAAV	195	>FBXW7-R50 VLMGHVAAV	19008	18813
>FBXW7-R50 VLMGHVAAV	18	>FBXW7-R50 VLMGHVAAV	12788	12770
>FBXW7-R50 VLMGHVAAV	477	>FBXW7-R50 VLMGHVAAV	29577	29100
>FBXW7-R50 VLMGHVAAV	70	>FBXW7-R50 VLMGHVAAV	33955	33885
>FBXW7-R50 RCVQYDGR	60	>FBXW7-R50 HCVQYDGR	60	0
>FBXW7-R50 RCVQYDGRR	63	>FBXW7-R50 HCVQYDGRR	75	12
>FBXW7-R50 HVLMGHVAAV	20	>FBXW7-R50 HVLMGHVAAV	2918	2898
>FBXW7-R50 HVLMGHVAAV	39	>FBXW7-R50 HVLMGHVAAV	10219	10180
>FBXW7-R50 HVLMGHVAAV	35	>FBXW7-R50 HVLMGHVAAV	6685	6650
>FBXW7-R50 HVLMGHVAAV	143	>FBXW7-R50 HVLMGHVAAV	27572	27429
>FBXW7-R50 AVRCVQYD	350	>FBXW7-R50 AVHCVQYD	2335	1985
>FBXW7-R50 AVRCVQYDG	247	>FBXW7-R50 AVHCVQYDG	2285	2038
>FBXW7-R50 AVRCVQYDG	262	>FBXW7-R50 AVHCVQYDG	2123	1861
>FBXW7-R50 AVRCVQYDG	158	>FBXW7-R50 AVHCVQYDG	452	294
>FBXW7-R50 AVRCVQYDG	82	>FBXW7-R50 AVHCVQYDG	129	47
>FBXW7-R50 AVRCVQYDG	516	>FBXW7-R50 AVHCVQYDG	167	349
>FBXW7-R50 AVRCVQYDG	684	>FBXW7-R50 AVHCVQYDG	127	557
>FBXW7-R50 AAVRCVQY	410	>FBXW7-R50 AAVHCVQY	397	13
>FBXW7-R50 AAVRCVQY	1704	>FBXW7-R50 AAVHCVQY	465	1239
>FBXW7-R50 AAVRCVQYD	383	>FBXW7-R50 AAVHCVQYD	587	204
>FBXW7-R50 AAVRCVQYD	501	>FBXW7-R50 AAVHCVQYD	478	23
>FBXW7-R50 AAVRCVQY	513	>FBXW7-R50 AAVHCVQY	288	225
>FBXW7-R50 AAVRCVQY	181	>FBXW7-R50 AAVHCVQY	84	97
>FBXW7-R50 AAVRCVQY	14	>FBXW7-R50 AAVHCVQY	7	7
>FBXW7-R50 AAVRCVQY	558	>FBXW7-R50 AAVHCVQY	166	392
>FBXW7-R50 VAAVRCVQY	451	>FBXW7-R50 VAAVHCVQY	122	329
>FBXW7-R50 VAAVRCVQY	1024	>FBXW7-R50 VAAVHCVQY	428	596
>FBXW7-R50 VAAVRCVQY	833	>FBXW7-R50 VAAVHCVQY	295	538
>FBXW7-R50 VAAVRCVQY	29	>FBXW7-R50 VAAVHCVQY	39	10
>FBXW7-R50 VAAVRCVQY	703	>FBXW7-R50 VAAVHCVQY	94	609
>FBXW7-R50 VAAVRCVQY	1948	>FBXW7-R50 VAAVHCVQY	470	1478
>FBXW7-R50 HVAAVRCV	3903	>FBXW7-R50 HVAAVHCV	433	3470
>FBXW7-R50 HVAAVRCV	294	>FBXW7-R50 HVAAVHCV	33	261
>FBXW7-R50 HVAAVRCV	398	>FBXW7-R50 HVAAVHCV	129	269
>FBXW7-R50 HVAAVRCV	1076	>FBXW7-R50 HVAAVHCV	82	994
>FBXW7-R50 HVAAVRCV	1502	>FBXW7-R50 HVAAVHCV	146	1356
>FBXW7-R50 HVAAVRCV	531	>FBXW7-R50 HVAAVHCV	50	481
>FBXW7-R50 HVAAVRCV	3068	>FBXW7-R50 HVAAVHCV	138	2930
>FBXW7-R50 HVAAVRCV	322	>FBXW7-R50 HVAAVHCV	20	302
>FBXW7-R50 HVAAVRCVQ	451	>FBXW7-R50 HVAAVHCVQ	280	171
>FBXW7-R50 HVAAVRCVQ	713	>FBXW7-R50 HVAAVHCVQ	158	555

>FBXW7-R50 HVAAVRCVQ	228	>FBXW7-R50 HVAAVHCVQ	292	64
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>FBXW7-R50 HVAAVRCVQ	294	>FBXW7-R50 HVAAVHCVQ	281	13
>FBXW7-R50 HVAAVRCVQ	80	>FBXW7-R50 HVAAVHCVQ	106	26
>FBXW7-R50 HVAAVRCV	9	>FBXW7-R50 HVAAVHCV	5	4
>FBXW7-R50 HVAAVRCV	320	>FBXW7-R50 HVAAVHCV	27	293
>FBXW7-R50 HVAAVRCVQ	373	>FBXW7-R50 HVAAVHCVQ	224	149
>FBXW7-R50 HVAAVRCVQ	192	>FBXW7-R50 HVAAVHCVQ	122	70
>FBXW7-R50 HVAAVRCVQ	711	>FBXW7-R50 HVAAVHCVQ	442	269
>FBXW7-R50 HVAAVRCVQ	784	>FBXW7-R50 HVAAVHCVQ	419	365
>FBXW7-R50 HVAAVRCVQ	33	>FBXW7-R50 HVAAVHCVQ	31	2
>FBXW7-R50 GHVAAVRCV	1362	>FBXW7-R50 GHVAAVHCV	404	958
>FBXW7-R50 GHVAAVRCV	2856	>FBXW7-R50 GHVAAVHCV	134	2722
>FBXW7-R50 MGHVAAVR	252	>FBXW7-R50 MGHVAAVH	16044	15792
>FBXW7-R50 MGHVAAVR	108	>FBXW7-R50 MGHVAAVH	18164	18056
>FBXW7-R50 LMGHVAAVR	348	>FBXW7-R50 LMGHVAAVF	49	299
>FBXW7-R50 LMGHVAAVR	129	>FBXW7-R50 LMGHVAAVF	21	108
>FBXW7-R50 LMGHVAAVR	48	>FBXW7-R50 LMGHVAAVF	22	26
>FBXW7-R50 LMGHVAAVR	805	>FBXW7-R50 LMGHVAAVF	105	700
>FBXW7-R50 LMGHVAAVR	170	>FBXW7-R50 LMGHVAAVF	229	59
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>FBXW7-R50 LMGHVAAVR	14	>FBXW7-R50 LMGHVAAVF	6	8
>FBXW7-R50 LMGHVAAVR	11	>FBXW7-R50 LMGHVAAVF	3	8
>FBXW7-R50 LMGHVAAVR	206	>FBXW7-R50 LMGHVAAVF	347	141
>FBXW7-R50 LMGHVAAVR	6	>FBXW7-R50 LMGHVAAVF	2	4
>FBXW7-R50 LMGHVAAVR	85	>FBXW7-R50 LMGHVAAVF	9157	9072
>FBXW7-R50 LMGHVAAVR	325	>FBXW7-R50 LMGHVAAVF	22080	21755
>FBXW7-R50 LMGHVAAVR	4352	>FBXW7-R50 LMGHVAAVF	209	4143
>FBXW7-R50 VLMGHVAAV	436	>FBXW7-R50 VLMGHVAAV	360	76
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>FBXW7-R50 VLMGHVAAV	31	>FBXW7-R50 VLMGHVAAV	41	10
>FBXW7-R50 VLMGHVAAV	454	>FBXW7-R50 VLMGHVAAV	164	290
>FBXW7-R50 VLMGHVAAV	53	>FBXW7-R50 VLMGHVAAV	89	36
>FBXW7-R50 VLMGHVAAV	11	>FBXW7-R50 VLMGHVAAV	14	3
>FBXW7-R50 VLMGHVAAV	195	>FBXW7-R50 VLMGHVAAV	3917	3722
>FBXW7-R50 VLMGHVAAV	18	>FBXW7-R50 VLMGHVAAV	2795	2777
>FBXW7-R50 VLMGHVAAV	477	>FBXW7-R50 VLMGHVAAV	16770	16293
>FBXW7-R50 VLMGHVAAV	70	>FBXW7-R50 VLMGHVAAV	12477	12407
>FBXW7-R50 VLMGHVAAV	7397	>FBXW7-R50 VLMGHVAAV	441	6956
>FBXW7-R50 RCVQYDGR	60	>FBXW7-R50 LCVQYDGR	455	395
>FBXW7-R50 RCVQYDGRR	63	>FBXW7-R50 LCVQYDGRR	498	435
>FBXW7-R50 VRCVQYDGR	20636	>FBXW7-R50 VLCVQYDGR	428	20208



>FBXW7-R50 VRCVQYDGR	20683	>FBXW7-R50 VLCVQYDGRI	17	20666
>FBXW7-R50 VRCVQYDGR	23466	>FBXW7-R50 VLCVQYDGR	289	23177
>FBXW7-R50 VRCVQYDGR	25870	>FBXW7-R50 VLCVQYDGR	10	25860
>FBXW7-R50 HVLMGHVAA	575	>FBXW7-R50 HVLMGHVAA	365	210
>FBXW7-R50 HVLMGHVAA	20	>FBXW7-R50 HVLMGHVAA	6362	6342
>FBXW7-R50 HVLMGHVAA	39	>FBXW7-R50 HVLMGHVAA	8328	8289
>FBXW7-R50 HVLMGHVAA	35	>FBXW7-R50 HVLMGHVAA	17544	17509
>FBXW7-R50 HVLMGHVAA	13660	>FBXW7-R50 HVLMGHVAA	347	13313
>FBXW7-R50 HVLMGHVAA	15949	>FBXW7-R50 HVLMGHVAA	277	15672
>FBXW7-R50 HVLMGHVAA	14588	>FBXW7-R50 HVLMGHVAA	52	14536
>FBXW7-R50 HVLMGHVAA	143	>FBXW7-R50 HVLMGHVAA	31604	31461
>FBXW7-R50 AVRCVQYD	350	>FBXW7-R50 AVLCVQYD	6990	6640
>FBXW7-R50 AVRCVQYDG	247	>FBXW7-R50 AVLCVQYDGI	8311	8064
>FBXW7-R50 AVRCVQYDG	262	>FBXW7-R50 AVLCVQYDGI	8245	7983
>FBXW7-R50 AVRCVQYDG	158	>FBXW7-R50 AVLCVQYDGI	208	50
>FBXW7-R50 AVRCVQYDG	82	>FBXW7-R50 AVLCVQYDGI	142	60
>FBXW7-R50 AVRCVQYDG	516	>FBXW7-R50 AVLCVQYDGI	194	322
>FBXW7-R50 AVRCVQYDG	684	>FBXW7-R50 AVLCVQYDGI	353	331
>FBXW7-R50 AVRCVQYDG	1992	>FBXW7-R50 AVLCVQYDGI	499	1493
>FBXW7-R50 AAVRCVQY	410	>FBXW7-R50 AAVLCVQY	983	573
>FBXW7-R50 AAVRCVQYD	383	>FBXW7-R50 AAVLCVQYD	683	300
>FBXW7-R50 AAVRCVQY	181	>FBXW7-R50 AAVLCVQY	470	289
>FBXW7-R50 AAVRCVQY	14	>FBXW7-R50 AAVLCVQY	10	4
>FBXW7-R50 AAVRCVQY	558	>FBXW7-R50 AAVLCVQY	284	274
>FBXW7-R50 VAAVRCVQY	451	>FBXW7-R50 VAAVLCVQY	142	309
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>FBXW7-R50 VAAVRCVQY	29	>FBXW7-R50 VAAVLCVQY	56	27
>FBXW7-R50 VAAVRCVQY	703	>FBXW7-R50 VAAVLCVQY	126	577
>FBXW7-R50 VAAVRCVQY	2589	>FBXW7-R50 VAAVLCVQY	279	2310
>FBXW7-R50 VAAVRCVQY	766	>FBXW7-R50 VAAVLCVQY	307	459
>FBXW7-R50 VAAVRCVQY	1948	>FBXW7-R50 VAAVLCVQY	455	1493
>FBXW7-R50 HVAAVRCV	3903	>FBXW7-R50 HVAAVLCV	172	3731
>FBXW7-R50 HVAAVRCV	294	>FBXW7-R50 HVAAVLCV	61	233
>FBXW7-R50 HVAAVRCV	398	>FBXW7-R50 HVAAVLCV	85	313
>FBXW7-R50 HVAAVRCV	1076	>FBXW7-R50 HVAAVLCV	35	1041
>FBXW7-R50 HVAAVRCV	1502	>FBXW7-R50 HVAAVLCV	263	1239
>FBXW7-R50 HVAAVRCV	531	>FBXW7-R50 HVAAVLCV	53	478
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>FBXW7-R50 HVAAVRCV	322	>FBXW7-R50 HVAAVLCV	51	271
>FBXW7-R50 HVAAVRCVQ	451	>FBXW7-R50 HVAAVLCVQ	182	269
>FBXW7-R50 HVAAVRCVQ	713	>FBXW7-R50 HVAAVLCVQ	116	597
>FBXW7-R50 HVAAVRCVQ	228	>FBXW7-R50 HVAAVLCVQ	217	11
>FBXW7-R50 HVAAVRCVQ	142	>FBXW7-R50 HVAAVLCVQ	190	48

>FBXW7-R50 HVAAVRCVQ	294	>FBXW7-R50 HVAAVLCVQ	654	360
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>FBXW7-R50 HVAAVRCV	9	>FBXW7-R50 HVAAVLCV	8	1
>FBXW7-R50 HVAAVRCV	320	>FBXW7-R50 HVAAVLCV	72	248
>FBXW7-R50 HVAAVRCVQ	373	>FBXW7-R50 HVAAVLCVQ'	103	270
>FBXW7-R50 HVAAVRCVQ	192	>FBXW7-R50 HVAAVLCVQ'	161	31
>FBXW7-R50 HVAAVRCVQ	969	>FBXW7-R50 HVAAVLCVQ'	445	524
>FBXW7-R50 HVAAVRCVQ	33	>FBXW7-R50 HVAAVLCVQ'	23	10
>FBXW7-R50 GHVAAVRCV	1362	>FBXW7-R50 GHVAAVLCV	317	1045
>FBXW7-R50 GHVAAVRCV	2856	>FBXW7-R50 GHVAAVLCV	359	2497
>FBXW7-R50 MGHVA AVR	252	>FBXW7-R50 MGHVA AVL	19175	18923
>FBXW7-R50 MGHVA AVR	108	>FBXW7-R50 MGHVA AVL	29544	29436
>FBXW7-R50 LMGHVA AVR	348	>FBXW7-R50 LMGHVA AVL	60	288
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>FBXW7-R50 LMGHVA AVR	129	>FBXW7-R50 LMGHVA AVL	66	63
>FBXW7-R50 LMGHVA AVR	17872	>FBXW7-R50 LMGHVA AVL	142	17730
>FBXW7-R50 LMGHVA AVR	48	>FBXW7-R50 LMGHVA AVL	42	6
>FBXW7-R50 LMGHVA AVR	805	>FBXW7-R50 LMGHVA AVL	167	638
>FBXW7-R50 LMGHVA AVR	10813	>FBXW7-R50 LMGHVA AVL	11	10802
>FBXW7-R50 LMGHVA AVR	170	>FBXW7-R50 LMGHVA AVL	241	71
>FBXW7-R50 LMGHVA AVR	5	>FBXW7-R50 LMGHVA AVL	4	1
>FBXW7-R50 LMGHVA AVR	18665	>FBXW7-R50 LMGHVA AVL	15	18650
>FBXW7-R50 LMGHVA AVR	10	>FBXW7-R50 LMGHVA AVL	6	4
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>FBXW7-R50 LMGHVA AVR	14	>FBXW7-R50 LMGHVA AVL	7	7
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>FBXW7-R50 LMGHVA AVR	11	>FBXW7-R50 LMGHVA AVL	6	5
>FBXW7-R50 LMGHVA AVR	18778	>FBXW7-R50 LMGHVA AVL	13	18765
>FBXW7-R50 LMGHVA AVR	206	>FBXW7-R50 LMGHVA AVL	324	118
>FBXW7-R50 LMGHVA AVR	6	>FBXW7-R50 LMGHVA AVL	3	3
>FBXW7-R50 LMGHVA AVR	85	>FBXW7-R50 LMGHVA AVL	12847	12762
>FBXW7-R50 LMGHVA AVR	325	>FBXW7-R50 LMGHVA AVL	31552	31227
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>FBXW7-R50 LMGHVA AVR	980	>FBXW7-R50 LMGHVA AVL	458	522
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>FBXW7-R50 VLMGHVAAV	5720	>FBXW7-R50 VLMGHVAAV	68	5652
>FBXW7-R50 VLMGHVAAV	5321	>FBXW7-R50 VLMGHVAAV	28	5293
>FBXW7-R50 VLMGHVAAV	751	>FBXW7-R50 VLMGHVAAV	336	415
>FBXW7-R50 VLMGHVAAV	4592	>FBXW7-R50 VLMGHVAAV	57	4535
>FBXW7-R50 VLMGHVAAV	436	>FBXW7-R50 VLMGHVAAV	262	174
>FBXW7-R50 VLMGHVAAV	2928	>FBXW7-R50 VLMGHVAAV	4	2924
>FBXW7-R50 VLMGHVAAV	31	>FBXW7-R50 VLMGHVAAV	42	11
>FBXW7-R50 VLMGHVAAV	13744	>FBXW7-R50 VLMGHVAAV	7	13737

>FBXW7-R50 VLMGHVAAV	454	>FBXW7-R50 VLMGHVAAV	419	35
>FBXW7-R50 VLMGHVAAV	17931	>FBXW7-R50 VLMGHVAAV	35	17896
>FBXW7-R50 VLMGHVAAV	9109	>FBXW7-R50 VLMGHVAAV	4	9105
>FBXW7-R50 VLMGHVAAV	53	>FBXW7-R50 VLMGHVAAV	67	14
>FBXW7-R50 VLMGHVAAV	2030	>FBXW7-R50 VLMGHVAAV	3	2027
>FBXW7-R50 VLMGHVAAV	11	>FBXW7-R50 VLMGHVAAV	13	2
>FBXW7-R50 VLMGHVAAV	195	>FBXW7-R50 VLMGHVAAV	10916	10721
>FBXW7-R50 VLMGHVAAV	18	>FBXW7-R50 VLMGHVAAV	5052	5034
>FBXW7-R50 VLMGHVAAV	8947	>FBXW7-R50 VLMGHVAAV	232	8715
>FBXW7-R50 VLMGHVAAV	477	>FBXW7-R50 VLMGHVAAV	24297	23820
>FBXW7-R50 VLMGHVAAV	70	>FBXW7-R50 VLMGHVAAV	23481	23411
>FBXW7-R50 VLMGHVAAV	7397	>FBXW7-R50 VLMGHVAAV	137	7260
>FBXW7-R50 VLMGHVAAV	16432	>FBXW7-R50 VLMGHVAAV	79	16353
>FBXW7-R50 RCVQYDGR	60	>FBXW7-R50 PCVQYDGR	541	481
>FBXW7-R50 RCVQYDGRR	63	>FBXW7-R50 PCVQYDGRR	1045	982
>FBXW7-R50 HVLMGHVAAV	20	>FBXW7-R50 HVLMGHVAAV	15712	15692
>FBXW7-R50 HVLMGHVAAV	39	>FBXW7-R50 HVLMGHVAAV	20760	20721
>FBXW7-R50 HVLMGHVAAV	35	>FBXW7-R50 HVLMGHVAAV	23849	23814
>FBXW7-R50 HVLMGHVAAV	143	>FBXW7-R50 HVLMGHVAAV	34986	34843
>FBXW7-R50 AVRCVQYD	350	>FBXW7-R50 AVPCVQYD	14590	14240
>FBXW7-R50 AVRCVQYDG	247	>FBXW7-R50 AVPCVQYDG	15723	15476
>FBXW7-R50 AVRCVQYDG	262	>FBXW7-R50 AVPCVQYDG	15915	15653
>FBXW7-R50 AVRCVQYDG	158	>FBXW7-R50 AVPCVQYDG	743	585
>FBXW7-R50 AVRCVQYDG	82	>FBXW7-R50 AVPCVQYDG	1204	1122
>FBXW7-R50 AVRCVQYDG	516	>FBXW7-R50 AVPCVQYDG	74	442
>FBXW7-R50 AAVRCVQY	410	>FBXW7-R50 AAVPCVQY	547	137
>FBXW7-R50 AAVRCVQY	1704	>FBXW7-R50 AAVPCVQY	380	1324
>FBXW7-R50 AAVRCVQYD	383	>FBXW7-R50 AAVPCVQYD	405	22
>FBXW7-R50 AAVRCVQYD	501	>FBXW7-R50 AAVPCVQYD	423	78
>FBXW7-R50 AAVRCVQY	513	>FBXW7-R50 AAVPCVQY	305	208
>FBXW7-R50 AAVRCVQY	181	>FBXW7-R50 AAVPCVQY	180	1
>FBXW7-R50 AAVRCVQY	14	>FBXW7-R50 AAVPCVQY	4	10
>FBXW7-R50 AAVRCVQY	558	>FBXW7-R50 AAVPCVQY	190	368
>FBXW7-R50 VAAVRCVQY	451	>FBXW7-R50 VAAVPCVQY	324	127
>FBXW7-R50 VAAVRCVQY	833	>FBXW7-R50 VAAVPCVQY	407	426
>FBXW7-R50 VAAVRCVQY	29	>FBXW7-R50 VAAVPCVQY	28	1
>FBXW7-R50 VAAVRCVQY	703	>FBXW7-R50 VAAVPCVQY	262	441
>FBXW7-R50 VAAVRCVQY	766	>FBXW7-R50 VAAVPCVQY	274	492
>FBXW7-R50 HVAAVRCV	3903	>FBXW7-R50 HVAAVPCV	208	3695
>FBXW7-R50 HVAAVRCV	294	>FBXW7-R50 HVAAVPCV	104	190
>FBXW7-R50 HVAAVRCV	398	>FBXW7-R50 HVAAVPCV	145	253
>FBXW7-R50 HVAAVRCV	1076	>FBXW7-R50 HVAAVPCV	100	976
>FBXW7-R50 HVAAVRCV	1502	>FBXW7-R50 HVAAVPCV	152	1350

>FBXW7-R50 HVAAVRCV	531	>FBXW7-R50 HVAAVPCV	28	503
>FBXW7-R50 HVAAVRCV	3068	>FBXW7-R50 HVAAVPCV	103	2965
>FBXW7-R50 HVAAVRCV	322	>FBXW7-R50 HVAAVPCV	44	278
>FBXW7-R50 HVAAVRCVQ	451	>FBXW7-R50 HVAAVPCVQ	812	361
>FBXW7-R50 HVAAVRCVQ	713	>FBXW7-R50 HVAAVPCVQ	284	429
>FBXW7-R50 HVAAVRCVQ	228	>FBXW7-R50 HVAAVPCVQ	115	113
>FBXW7-R50 HVAAVRCVQ	142	>FBXW7-R50 HVAAVPCVQ	299	157
>FBXW7-R50 HVAAVRCVQ	294	>FBXW7-R50 HVAAVPCVQ	772	478
>FBXW7-R50 HVAAVRCVQ	80	>FBXW7-R50 HVAAVPCVQ	69	11
>FBXW7-R50 HVAAVRCV	9	>FBXW7-R50 HVAAVPCV	12	3
>FBXW7-R50 HVAAVRCV	320	>FBXW7-R50 HVAAVPCV	35	285
>FBXW7-R50 HVAAVRCVQ	373	>FBXW7-R50 HVAAVPCVQ	189	184
>FBXW7-R50 HVAAVRCVQ	192	>FBXW7-R50 HVAAVPCVQ	245	53
>FBXW7-R50 HVAAVRCVQ	711	>FBXW7-R50 HVAAVPCVQ	400	311
>FBXW7-R50 HVAAVRCVQ	969	>FBXW7-R50 HVAAVPCVQ	405	564
>FBXW7-R50 HVAAVRCVQ	33	>FBXW7-R50 HVAAVPCVQ	122	89
>FBXW7-R50 MGHVAAVR	252	>FBXW7-R50 MGHVAAVP	24137	23885
>FBXW7-R50 MGHVAAVR	108	>FBXW7-R50 MGHVAAVP	35290	35182
>FBXW7-R50 LMGHVAAVR	348	>FBXW7-R50 LMGHVAAVP	45	303
>FBXW7-R50 LMGHVAAVR	129	>FBXW7-R50 LMGHVAAVP	50	79
>FBXW7-R50 LMGHVAAVR	48	>FBXW7-R50 LMGHVAAVP	31	17
>FBXW7-R50 LMGHVAAVR	805	>FBXW7-R50 LMGHVAAVP	81	724
>FBXW7-R50 LMGHVAAVR	170	>FBXW7-R50 LMGHVAAVP	145	25
>FBXW7-R50 LMGHVAAVR	5	>FBXW7-R50 LMGHVAAVP	3	2
>FBXW7-R50 LMGHVAAVR	1318	>FBXW7-R50 LMGHVAAVP	328	990
>FBXW7-R50 LMGHVAAVR	10	>FBXW7-R50 LMGHVAAVP	5	5
>FBXW7-R50 LMGHVAAVR	14	>FBXW7-R50 LMGHVAAVP	6	8
>FBXW7-R50 LMGHVAAVR	11	>FBXW7-R50 LMGHVAAVP	3	8
>FBXW7-R50 LMGHVAAVR	206	>FBXW7-R50 LMGHVAAVP	419	213
>FBXW7-R50 LMGHVAAVR	6	>FBXW7-R50 LMGHVAAVP	3	3
>FBXW7-R50 LMGHVAAVR	85	>FBXW7-R50 LMGHVAAVP	21536	21451
>FBXW7-R50 LMGHVAAVR	325	>FBXW7-R50 LMGHVAAVP	36227	35902
>FBXW7-R50 VLMGHVAAV	751	>FBXW7-R50 VLMGHVAAV	374	377
>FBXW7-R50 VLMGHVAAV	436	>FBXW7-R50 VLMGHVAAV	133	303
>FBXW7-R50 VLMGHVAAV	1560	>FBXW7-R50 VLMGHVAAV	242	1318
>FBXW7-R50 VLMGHVAAV	31	>FBXW7-R50 VLMGHVAAV	27	4
>FBXW7-R50 VLMGHVAAV	454	>FBXW7-R50 VLMGHVAAV	96	358
>FBXW7-R50 VLMGHVAAV	53	>FBXW7-R50 VLMGHVAAV	57	4
>FBXW7-R50 VLMGHVAAV	11	>FBXW7-R50 VLMGHVAAV	16	5
>FBXW7-R50 VLMGHVAAV	195	>FBXW7-R50 VLMGHVAAV	15256	15061
>FBXW7-R50 VLMGHVAAV	18	>FBXW7-R50 VLMGHVAAV	16726	16708
>FBXW7-R50 VLMGHVAAV	477	>FBXW7-R50 VLMGHVAAV	31232	30755
>FBXW7-R50 VLMGHVAAV	70	>FBXW7-R50 VLMGHVAAV	30954	30884

>FBXW7-R50 RCVQYDGR	60	>FBXW7-R50 SCVQYDGR	216	156
>FBXW7-R50 RCVQYDGRR	63	>FBXW7-R50 SCVQYDGRR	264	201
>FBXW7-R50 HVLMGHVAA	20	>FBXW7-R50 HVLMGHVAA	10450	10430
>FBXW7-R50 HVLMGHVAA	39	>FBXW7-R50 HVLMGHVAA	15167	15128
>FBXW7-R50 HVLMGHVAA	35	>FBXW7-R50 HVLMGHVAA	15673	15638
>FBXW7-R50 HVLMGHVAA	143	>FBXW7-R50 HVLMGHVAA	31148	31005
>FBXW7-R50 AVRCVQYDG	3847	>FBXW7-R50 AVSCVQYDGI	314	3533
>FBXW7-R50 AVRCVQYD	350	>FBXW7-R50 AVSCVQYD	9490	9140
>FBXW7-R50 AVRCVQYDG	247	>FBXW7-R50 AVSCVQYDGI	10928	10681
>FBXW7-R50 AVRCVQYDG	262	>FBXW7-R50 AVSCVQYDGI	10961	10699
>FBXW7-R50 AVRCVQYDG	158	>FBXW7-R50 AVSCVQYDGI	178	20
>FBXW7-R50 AVRCVQYDG	82	>FBXW7-R50 AVSCVQYDGI	259	177
>FBXW7-R50 AVRCVQYDG	516	>FBXW7-R50 AVSCVQYDGI	39	477
>FBXW7-R50 AVRCVQYDG	684	>FBXW7-R50 AVSCVQYDGI	81	603
>FBXW7-R50 AAVRCVQY	410	>FBXW7-R50 AAVSCVQY	260	150
>FBXW7-R50 AAVRCVQY	2017	>FBXW7-R50 AAVSCVQY	489	1528
>FBXW7-R50 AAVRCVQYD	383	>FBXW7-R50 AAVSCVQYD	327	56
>FBXW7-R50 AAVRCVQYD	501	>FBXW7-R50 AAVSCVQYD	242	259
>FBXW7-R50 AAVRCVQY	513	>FBXW7-R50 AAVSCVQY	283	230
>FBXW7-R50 AAVRCVQY	181	>FBXW7-R50 AAVSCVQY	72	109
>FBXW7-R50 AAVRCVQY	14	>FBXW7-R50 AAVSCVQY	7	7
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>FBXW7-R50 VAAVRCVQY	451	>FBXW7-R50 VAAVSCVQY	400	51
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>FBXW7-R50 VAAVRCVQY	1024	>FBXW7-R50 VAAVSCVQY	405	619
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>FBXW7-R50 VAAVRCVQY	29	>FBXW7-R50 VAAVSCVQY	11	18
>FBXW7-R50 VAAVRCVQY	703	>FBXW7-R50 VAAVSCVQY	119	584
>FBXW7-R50 VAAVRCVQY	2589	>FBXW7-R50 VAAVSCVQY	289	2300
>FBXW7-R50 VAAVRCVQY	766	>FBXW7-R50 VAAVSCVQY	494	272
>FBXW7-R50 VAAVRCVQY	1948	>FBXW7-R50 VAAVSCVQY	386	1562
>FBXW7-R50 HVAAVRCV	294	>FBXW7-R50 HVAAVSCV	34	260
>FBXW7-R50 HVAAVRCV	398	>FBXW7-R50 HVAAVSCV	52	346
>FBXW7-R50 HVAAVRCV	1076	>FBXW7-R50 HVAAVSCV	99	977
>FBXW7-R50 HVAAVRCV	1502	>FBXW7-R50 HVAAVSCV	340	1162
>FBXW7-R50 HVAAVRCV	531	>FBXW7-R50 HVAAVSCV	74	457
>FBXW7-R50 HVAAVRCV	3068	>FBXW7-R50 HVAAVSCV	234	2834
>FBXW7-R50 HVAAVRCV	322	>FBXW7-R50 HVAAVSCV	50	272
>FBXW7-R50 HVAAVRCVQ	451	>FBXW7-R50 HVAAVSCVQ	410	41
>FBXW7-R50 HVAAVRCVQ	713	>FBXW7-R50 HVAAVSCVQ	492	221
>FBXW7-R50 HVAAVRCVQ	228	>FBXW7-R50 HVAAVSCVQ	135	93
>FBXW7-R50 HVAAVRCVQ	142	>FBXW7-R50 HVAAVSCVQ	159	17
>FBXW7-R50 HVAAVRCVQ	294	>FBXW7-R50 HVAAVSCVQ	354	60

>FBXW7-R50 HVAAVRCVQ	80	>FBXW7-R50 HVAAVSCVQ	44	36
>FBXW7-R50 HVAAVRCV	9	>FBXW7-R50 HVAAVSCV	6	3
>FBXW7-R50 HVAAVRCV	320	>FBXW7-R50 HVAAVSCV	81	239
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>FBXW7-R50 HVAAVRCVQ	192	>FBXW7-R50 HVAAVSCVQ	100	92
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>FBXW7-R50 HVAAVRCVQ	784	>FBXW7-R50 HVAAVSCVQ	150	634
>FBXW7-R50 HVAAVRCVQ	969	>FBXW7-R50 HVAAVSCVQ	368	601
>FBXW7-R50 HVAAVRCVQ	33	>FBXW7-R50 HVAAVSCVQ	16	17
>FBXW7-R50 GHVAAVRCV	876	>FBXW7-R50 GHVAAVSCVQ	305	571
>FBXW7-R50 GHVAAVRCV	2856	>FBXW7-R50 GHVAAVSCV	482	2374
>FBXW7-R50 MGHVA AVR	252	>FBXW7-R50 MGHVA AVS	22047	21795
>FBXW7-R50 MGHVA AVR	108	>FBXW7-R50 MGHVA AVS	28702	28594
>FBXW7-R50 LMGHVA AVR	348	>FBXW7-R50 LMGHVA AVS	107	241
>FBXW7-R50 LMGHVA AVR	129	>FBXW7-R50 LMGHVA AVS	34	95
>FBXW7-R50 LMGHVA AVR	48	>FBXW7-R50 LMGHVA AVS	15	33
>FBXW7-R50 LMGHVA AVR	805	>FBXW7-R50 LMGHVA AVS	210	595
>FBXW7-R50 LMGHVA AVR	170	>FBXW7-R50 LMGHVA AVS	151	19
>FBXW7-R50 LMGHVA AVR	5	>FBXW7-R50 LMGHVA AVS	3	2
>FBXW7-R50 LMGHVA AVR	10	>FBXW7-R50 LMGHVA AVS	5	5
>FBXW7-R50 LMGHVA AVR	14	>FBXW7-R50 LMGHVA AVS	8	6
>FBXW7-R50 LMGHVA AVR	11	>FBXW7-R50 LMGHVA AVS	5	6
>FBXW7-R50 LMGHVA AVR	206	>FBXW7-R50 LMGHVA AVS	201	5
>FBXW7-R50 LMGHVA AVR	6	>FBXW7-R50 LMGHVA AVS	3	3
>FBXW7-R50 LMGHVA AVR	85	>FBXW7-R50 LMGHVA AVS	17593	17508
>FBXW7-R50 LMGHVA AVR	325	>FBXW7-R50 LMGHVA AVS	31102	30777
>FBXW7-R50 LMGHVA AVR	980	>FBXW7-R50 LMGHVA AVS	415	565
>FBXW7-R50 VLMGHVAAV	751	>FBXW7-R50 VLMGHVAAV	469	282
>FBXW7-R50 VLMGHVAAV	436	>FBXW7-R50 VLMGHVAAV	187	249
>FBXW7-R50 VLMGHVAAV	2928	>FBXW7-R50 VLMGHVAAV	193	2735
>FBXW7-R50 VLMGHVAAV	31	>FBXW7-R50 VLMGHVAAV	29	2
>FBXW7-R50 VLMGHVAAV	454	>FBXW7-R50 VLMGHVAAV	178	276
>FBXW7-R50 VLMGHVAAV	53	>FBXW7-R50 VLMGHVAAV	35	18
>FBXW7-R50 VLMGHVAAV	2030	>FBXW7-R50 VLMGHVAAV	287	1743
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>FBXW7-R50 VLMGHVAAV	195	>FBXW7-R50 VLMGHVAAV	14125	13930
>FBXW7-R50 VLMGHVAAV	18	>FBXW7-R50 VLMGHVAAV	11308	11290
>FBXW7-R50 VLMGHVAAV	477	>FBXW7-R50 VLMGHVAAV	28160	27683
>FBXW7-R50 VLMGHVAAV	70	>FBXW7-R50 VLMGHVAAV	28644	28574
>FBXW7-R54 RVYSLQFDGI	173	>FBXW7-R54 KVYSLQFDGI	132	41
>FBXW7-R54 RVYSLQFDGI	113	>FBXW7-R54 KVYSLQFDGI	111	2
>FBXW7-R54 RVYSLQFDGI	137	>FBXW7-R54 KVYSLQFDGI	101	36
>FBXW7-R54 RVYSLQFDGI	162	>FBXW7-R54 KVYSLQFDGI	152	10

>FBXW7-R54 RVYSLQFDGI	699	>FBXW7-R54 KVYSLQFDGI	313	386
>FBXW7-R54 RVYSLQFDGII	390	>FBXW7-R54 KVYSLQFDGII	375	15
>FBXW7-R54 RVYSLQFDGI	24	>FBXW7-R54 KVYSLQFDGI	22	2
>FBXW7-R54 RVYSLQFDGI	84	>FBXW7-R54 KVYSLQFDGI	507	423
>FBXW7-R54 RVYSLQFDGI	599	>FBXW7-R54 KVYSLQFDGI	445	154
>FBXW7-R54 RVYSLQFDGII	229	>FBXW7-R54 KVYSLQFDGII	412	183
>FBXW7-R54 NRVYSLQFDC	726	>FBXW7-R54 NKVYSLQFDC	495	231
>FBXW7-R54 NRVYSLQF	45	>FBXW7-R54 NKVYSLQF	8	37
>FBXW7-R54 CLHTLQGHTM	1449	>FBXW7-R54 CLHTLQGHTM	74	1375
>FBXW7-R54 CLHTLQGHTM	9262	>FBXW7-R54 CLHTLQGHTM	294	8968
>FBXW7-R54 CLHTLQGHTM	99	>FBXW7-R54 CLHTLQGHTM	2007	1908
>FBXW7-R54 CLHTLQGHTM	120	>FBXW7-R54 CLHTLQGHTM	4702	4582
>FBXW7-R54 TNRVYSLQF	230	>FBXW7-R54 TNKVYSLQF	419	189
>FBXW7-R54 HTNRVYSL	320	>FBXW7-R54 HTNKVYSL	209	111
>FBXW7-R54 HTNRVYSLQF	596	>FBXW7-R54 HTNKVYSLQF	491	105
>FBXW7-R54 HTNRVYSLQF	518	>FBXW7-R54 HTNKVYSLQF	452	66
>FBXW7-R54 HTNRVYSL	208	>FBXW7-R54 HTNKVYSL	476	268
>FBXW7-R54 HTNRVYSLQ	439	>FBXW7-R54 HTNKVYSLQ	922	483
>FBXW7-R54 HTNRVYSL	105	>FBXW7-R54 HTNKVYSL	130	25
>FBXW7-R54 HTNRVYSLQF	199	>FBXW7-R54 HTNKVYSLQF	243	44
>FBXW7-R54 HTNRVYSLQ	114	>FBXW7-R54 HTNKVYSLQ	109	5
>FBXW7-R54 HTNRVYSL	16	>FBXW7-R54 HTNKVYSL	17	1
>FBXW7-R54 HTNRVYSL	361	>FBXW7-R54 HTNKVYSL	289	72
>FBXW7-R54 HTNRVYSLQF	257	>FBXW7-R54 HTNKVYSLQF	213	44
>FBXW7-R54 HTNRVYSLQF	159	>FBXW7-R54 HTNKVYSLQF	158	1
>FBXW7-R54 HTNRVYSL	173	>FBXW7-R54 HTNKVYSL	107	66
>FBXW7-R54 HTNRVYSLQF	10	>FBXW7-R54 HTNKVYSLQF	8	2
>FBXW7-R54 HTNRVYSLQF	166	>FBXW7-R54 HTNKVYSLQF	248	82
>FBXW7-R54 HTNRVYSL	276	>FBXW7-R54 HTNKVYSL	949	673
>FBXW7-R54 HTNRVYSLQF	14	>FBXW7-R54 HTNKVYSLQF	18	4
>FBXW7-R54 HTNRVYSLQ	140	>FBXW7-R54 HTNKVYSLQ	122	18
>FBXW7-R54 HTNRVYSLQF	74	>FBXW7-R54 HTNKVYSLQF	200	126
>FBXW7-R54 HTNRVYSLQF	328	>FBXW7-R54 HTNKVYSLQF	294	34
>FBXW7-R54 GHTNRVYSLC	400	>FBXW7-R54 GHTNKVYSLC	634	234
>FBXW7-R54 GHTNRVYSL	381	>FBXW7-R54 GHTNKVYSL	1028	647
>FBXW7-R54 LQGHTNRVY!	430	>FBXW7-R54 LQGHTNKVY!	459	29
>FBXW7-R54 LQGHTNRV	290	>FBXW7-R54 LQGHTNKV	383	93
>FBXW7-R54 LQGHTNRVY!	309	>FBXW7-R54 LQGHTNKVY!	444	135
>FBXW7-R54 LQGHTNRVY	299	>FBXW7-R54 LQGHTNKVY	592	293
>FBXW7-R54 LQGHTNRVY	36	>FBXW7-R54 LQGHTNKVY	40	4
>FBXW7-R54 LQGHTNRVY!	88	>FBXW7-R54 LQGHTNKVY!	108	20
>FBXW7-R54 LQGHTNRVY	238	>FBXW7-R54 LQGHTNKVY	242	4
>FBXW7-R54 LQGHTNRV	667	>FBXW7-R54 LQGHTNKV	370	297

>FBXW7-R54 LQGHTNRVY	15	>FBXW7-R54 LQGHTNKVY	9	6
>FBXW7-R54 LQGHTNRVY!	41	>FBXW7-R54 LQGHTNKVY!	44	3
>FBXW7-R54 TLQGHTNRV	96	>FBXW7-R54 TLQGHTNKV	148	52
>FBXW7-R54 TLQGHTNRV	12	>FBXW7-R54 TLQGHTNKV	14	2
>FBXW7-R54 TLQGHTNRV	10	>FBXW7-R54 TLQGHTNKV	10	0
>FBXW7-R54 TLQGHTNRV	12	>FBXW7-R54 TLQGHTNKV	19	7
>FBXW7-R54 TLQGHTNRV	24	>FBXW7-R54 TLQGHTNKV	23	1
>FBXW7-R54 TLQGHTNRV	138	>FBXW7-R54 TLQGHTNKV	92	46
>FBXW7-R54 TLQGHTNRV	32	>FBXW7-R54 TLQGHTNKV	37	5
>FBXW7-R54 TLQGHTNRV	2	>FBXW7-R54 TLQGHTNKV	3	1
>FBXW7-R54 TLQGHTNR	2270	>FBXW7-R54 TLQGHTNK	114	2156
>FBXW7-R54 TLQGHTNR	2717	>FBXW7-R54 TLQGHTNK	86	2631
>FBXW7-R54 TLQGHTNRV^	212	>FBXW7-R54 TLQGHTNKV^	289	77
>FBXW7-R54 TLQGHTNR	67	>FBXW7-R54 TLQGHTNK	1745	1678
>FBXW7-R54 TLQGHTNR	369	>FBXW7-R54 TLQGHTNK	7627	7258
>FBXW7-R54 TLQGHTNR	275	>FBXW7-R54 TLQGHTNK	1189	914
>FBXW7-R54 TLQGHTNRV^	94	>FBXW7-R54 TLQGHTNKV^	126	32
>FBXW7-R54 TLQGHTNRV^	40	>FBXW7-R54 TLQGHTNKV^	37	3
>FBXW7-R54 TLQGHTNR	458	>FBXW7-R54 TLQGHTNK	8702	8244
>FBXW7-R54 HTLQGHTNR'	202	>FBXW7-R54 HTLQGHTNK'	339	137
>FBXW7-R54 HTLQGHTNR'	151	>FBXW7-R54 HTLQGHTNK'	298	147
>FBXW7-R54 HTLQGHTNR	3454	>FBXW7-R54 HTLQGHTNK	140	3314
>FBXW7-R54 HTLQGHTNR	2835	>FBXW7-R54 HTLQGHTNK	136	2699
>FBXW7-R54 HTLQGHTNR'	200	>FBXW7-R54 HTLQGHTNK'	261	61
>FBXW7-R54 HTLQGHTNR'	84	>FBXW7-R54 HTLQGHTNK'	82	2
>FBXW7-R54 HTLQGHTNR'	20	>FBXW7-R54 HTLQGHTNK'	34	14
>FBXW7-R54 HTLQGHTNR'	162	>FBXW7-R54 HTLQGHTNK'	205	43
>FBXW7-R54 HTLQGHTNR	2064	>FBXW7-R54 HTLQGHTNK	19	2045
>FBXW7-R54 HTLQGHTNR'	158	>FBXW7-R54 HTLQGHTNK'	245	87
>FBXW7-R54 HTLQGHTNR	15	>FBXW7-R54 HTLQGHTNK	167	152
>FBXW7-R54 HTLQGHTNR	21	>FBXW7-R54 HTLQGHTNK	365	344
>FBXW7-R54 HTLQGHTNR	26	>FBXW7-R54 HTLQGHTNK	67	41
>FBXW7-R54 HTLQGHTNR'	10	>FBXW7-R54 HTLQGHTNK'	10	0
>FBXW7-R54 HTLQGHTNR'	226	>FBXW7-R54 HTLQGHTNK'	278	52
>FBXW7-R54 HTLQGHTNR'	209	>FBXW7-R54 HTLQGHTNK'	195	14
>FBXW7-R54 HTLQGHTNR'	276	>FBXW7-R54 HTLQGHTNK'	180	96
>FBXW7-R54 HTLQGHTNR'	173	>FBXW7-R54 HTLQGHTNK'	240	67
>FBXW7-R54 HTLQGHTNR'	5	>FBXW7-R54 HTLQGHTNK'	4	1
>FBXW7-R54 HTLQGHTNR'	483	>FBXW7-R54 HTLQGHTNK'	592	109
>FBXW7-R54 HTLQGHTNR'	12	>FBXW7-R54 HTLQGHTNK'	11	1
>FBXW7-R54 HTLQGHTNR	94	>FBXW7-R54 HTLQGHTNK	2532	2438
>FBXW7-R67 RIRASNTKLV	268	>FBXW7-R67 QIRASNTKLV	534	266
>FBXW7-R67 RIRASNTKLV	107	>FBXW7-R67 QIRASNTKLV	361	254



>FBXW7-R67 RIRASNTK	46	>FBXW7-R67 QIRASNTK	219	173
>FBXW7-R67 RIRASNTK	452	>FBXW7-R67 QIRASNTK	2125	1673
>FBXW7-R67 RIRASNTK	3	>FBXW7-R67 QIRASNTK	5	2
>FBXW7-R67 RIRASNTKL	11	>FBXW7-R67 QIRASNTKL	487	476
>FBXW7-R67 RIRASNTKLV	6	>FBXW7-R67 QIRASNTKLV	88	82
>FBXW7-R67 RIRASNTKLV	59	>FBXW7-R67 QIRASNTKLV	2367	2308
>FBXW7-R67 RIRASNTK	209	>FBXW7-R67 QIRASNTK	5328	5119
>FBXW7-R67 RIRASNTKL	108	>FBXW7-R67 QIRASNTKL	4856	4748
>FBXW7-R67 RIRASNTKL	225	>FBXW7-R67 QIRASNTKL	933	708
>FBXW7-R67 RIRASNTKL	20	>FBXW7-R67 QIRASNTKL	622	602
>FBXW7-R67 RIRASNTKL	388	>FBXW7-R67 QIRASNTKL	1910	1522
>FBXW7-R67 WRIRASNTKL	858	>FBXW7-R67 WQIRASNTKI	486	372
>FBXW7-R67 WRIRASNTKL	13140	>FBXW7-R67 WQIRASNTKI	65	13075
>FBXW7-R67 WRIRASNT	21788	>FBXW7-R67 WQIRASNT	438	21350
>FBXW7-R67 WRIRASNTKL	4675	>FBXW7-R67 WQIRASNTKI	18	4657
>FBXW7-R67 WRIRASNTKL	19027	>FBXW7-R67 WQIRASNTKI	292	18735
>FBXW7-R67 WRIRASNTK	858	>FBXW7-R67 WQIRASNTK	152	706
>FBXW7-R67 WRIRASNTKL	102	>FBXW7-R67 WQIRASNTKI	24	78
>FBXW7-R67 WRIRASNTKL	359	>FBXW7-R67 WQIRASNTKI	64	295
>FBXW7-R67 WRIRASNTK	122	>FBXW7-R67 WQIRASNTK	1914	1792
>FBXW7-R67 WRIRASNTKL	17	>FBXW7-R67 WQIRASNTKI	609	592
>FBXW7-R67 WRIRASNTKL	257	>FBXW7-R67 WQIRASNTKI	3702	3445
>FBXW7-R67 WRIRASNTKL	126	>FBXW7-R67 WQIRASNTKI	91	35
>FBXW7-R67 WRIRASNTKL	7640	>FBXW7-R67 WQIRASNTKI	336	7304
>FBXW7-R67 WRIRASNT	449	>FBXW7-R67 WQIRASNT	11265	10816
>FBXW7-R67 WRIRASNTKL	38	>FBXW7-R67 WQIRASNTKI	896	858
>FBXW7-R67 WRIRASNTK	445	>FBXW7-R67 WQIRASNTK	6960	6515
>FBXW7-R67 WRIRASNTKL	71	>FBXW7-R67 WQIRASNTKI	1602	1531
>FBXW7-R67 WRIRASNTKL	276	>FBXW7-R67 WQIRASNTKI	4690	4414
>FBXW7-R67 ESGGSGGVV	33	>FBXW7-R67 ESGGSGGVV	4972	4939
>FBXW7-R67 VWRIRASNT	23	>FBXW7-R67 VWQIRASNT	2890	2867
>FBXW7-R67 VWRIRASNT	565	>FBXW7-R67 VWQIRASNT	441	124
>FBXW7-R67 VVWRIRASN	94	>FBXW7-R67 VVWQIRASN	187	93
>FBXW7-R67 VVWRIRASN	44	>FBXW7-R67 VVWQIRASN	73	29
>FBXW7-R67 VVWRIRASN	75	>FBXW7-R67 VVWQIRASN	469	394
>FBXW7-R67 VVWRIRASN	171	>FBXW7-R67 VVWQIRASN	564	393
>FBXW7-R67 VVWRIRASN	429	>FBXW7-R67 VVWQIRASN	374	55
>FBXW7-R67 GSGGVVWRI	265	>FBXW7-R67 GSGGVVWQI	193	72
>FBXW7-R67 GSGGVVWR	312	>FBXW7-R67 GSGGVVWQ	20620	20308
>FBXW7-R67 GSGGVVWRI	377	>FBXW7-R67 GSGGVVWQI	897	520
>FBXW7-R67 GSGGVVWRI	313	>FBXW7-R67 GSGGVVWQI	111	202
>FBXW7-R67 GSGGVVWRI	694	>FBXW7-R67 GSGGVVWQI	410	284
>FBXW7-R68 SRNGTEETKL	159	>FBXW7-R68 SWNGTEETKI	13438	13279

>FBXW7-R68 SRNGTEETKL	26282	>FBXW7-R68 SWNGTEETKI	305	25977
>FBXW7-R68 NTKLVCAVGS	196	>FBXW7-R68 NTKLVCAVGS	20320	20124
>FBXW7-R68 NTKLVCAVGS	27	>FBXW7-R68 NTKLVCAVGS	15831	15804
>FBXW7-R68 NTKLVCAVGS	16	>FBXW7-R68 NTKLVCAVGS	15681	15665
>FBXW7-R68 NTKLVCAVGS	25349	>FBXW7-R68 NTKLVCAVGS	186	25163
>FBXW7-R68 NTKLVCAVGS	25048	>FBXW7-R68 NTKLVCAVGS	385	24663
>FBXW7-R68 GSRNGTEETK	419	>FBXW7-R68 GSWNGTEET	146	273
>FBXW7-R68 GSRNGTEETK	43	>FBXW7-R68 GSWNGTEET	6658	6615
>FBXW7-R68 GSRNGTEETK	55	>FBXW7-R68 GSWNGTEET	77	22
>FBXW7-R68 GSRNGTEETK	61	>FBXW7-R68 GSWNGTEET	273	212
>FBXW7-R68 GSRNGTEETK	4693	>FBXW7-R68 GSWNGTEET	394	4299
>FBXW7-R68 LVCAVGSR	207	>FBXW7-R68 LVCAVGSW	19329	19122
>FBXW7-R68 LVCAVGSR	409	>FBXW7-R68 LVCAVGSW	31933	31524
>FBXW7-R68 LVCAVGSR	78	>FBXW7-R68 LVCAVGSW	23153	23075
>FBXW7-R68 LVCAVGSR	24782	>FBXW7-R68 LVCAVGSW	158	24624
>FBXW7-R68 LVCAVGSR	22528	>FBXW7-R68 LVCAVGSW	54	22474
>FBXW7-R68 KLVCAVGSR	368	>FBXW7-R68 KLVCAVGSW	18266	17898
>FBXW7-R68 KLVCAVGSR	11690	>FBXW7-R68 KLVCAVGSW	487	11203
>FBXW7-R68 KLVCAVGSR	21215	>FBXW7-R68 KLVCAVGSW	122	21093
>FBXW7-R68 KLVCAVGSR	22765	>FBXW7-R68 KLVCAVGSW	55	22710
>FBXW7-R68 KLVCAVGSR	105	>FBXW7-R68 KLVCAVGSW	29673	29568
>FBXW7-R68 TKLVCAVGSR	32741	>FBXW7-R68 TKLVCAVGSV	243	32498
>FBXW7-S43 STDRTLKV	445	>FBXW7-S43 FTDRTLKV	101	344
>FBXW7-S43 STDRTLKV	3468	>FBXW7-S43 FTDRTLKV	216	3252
>FBXW7-S43 STDRTLKV	617	>FBXW7-S43 FTDRTLKV	35	582
>FBXW7-S43 STDRTLKVWI	1677	>FBXW7-S43 FTDRTLKVWI	135	1542
>FBXW7-S43 STDRTLKV	101	>FBXW7-S43 FTDRTLKV	18	83
>FBXW7-S43 STDRTLKVWI	841	>FBXW7-S43 FTDRTLKVWI	148	693
>FBXW7-S43 STDRTLKV	1804	>FBXW7-S43 FTDRTLKV	257	1547
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>FBXW7-S43 STDRTLKV	544	>FBXW7-S43 FTDRTLKV	45	499
>FBXW7-S43 STDRTLKV	61	>FBXW7-S43 FTDRTLKV	26	35
>FBXW7-S43 STDRTLKVWI	851	>FBXW7-S43 FTDRTLKVWI	317	534
>FBXW7-S43 STDRTLKVW	32	>FBXW7-S43 FTDRTLKVW	17	15
>FBXW7-S43 STDRTLKVW	108	>FBXW7-S43 FTDRTLKVW	124	16
>FBXW7-S43 STDRTLKVW	38	>FBXW7-S43 FTDRTLKVW	19	19
>FBXW7-S43 STDRTLKVW	285	>FBXW7-S43 FTDRTLKVW	408	123
>FBXW7-S43 STDRTLKVW	2711	>FBXW7-S43 FTDRTLKVW	117	2594
>FBXW7-S43 GSTDRTLKV	2670	>FBXW7-S43 GFTDRTLKV	177	2493
>FBXW7-S43 GSTDRTLK	34	>FBXW7-S43 GFTDRTLK	1247	1213
>FBXW7-S43 GSTDRTLKVW	11	>FBXW7-S43 GFTDRTLKVW	11946	11935
>FBXW7-S43 GSTDRTLKVW	168	>FBXW7-S43 GFTDRTLKVW	20495	20327
>FBXW7-S43 GSTDRTLKVW	47	>FBXW7-S43 GFTDRTLKVW	6170	6123

>FBXW7-S43 GSTDRTLK	490	>FBXW7-S43 GFTDRTLK	5459	4969
>FBXW7-S43 QMRDNIISG	9416	>FBXW7-S43 QMRDNIISG	51	9365
>FBXW7-S43 QMRDNIISG	13070	>FBXW7-S43 QMRDNIISG	98	12972
>FBXW7-S43 QMRDNIISG	7009	>FBXW7-S43 QMRDNIISG	10	6999
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>FBXW7-S43 SGSTDRTLK	752	>FBXW7-S43 SGFTDRTLK	141	611
>FBXW7-S43 SGSTDRTLKV	1214	>FBXW7-S43 SGFTDRTLKV	268	946
>FBXW7-S43 ISGSTDRTLK	1173	>FBXW7-S43 ISGFTDRTLK	329	844
>FBXW7-S43 ISGSTDRTLK	220	>FBXW7-S43 ISGFTDRTLK	155	65
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>FBXW7-S43 ISGSTDRTL	55	>FBXW7-S43 ISGFTDRTL	37	18
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>FBXW7-S43 ISGSTDRTL	471	>FBXW7-S43 ISGFTDRTL	1112	641
>FBXW7-S43 IISGSTDRT	1882	>FBXW7-S43 IISGFTDRT	395	1487
>FBXW7-S43 IISGSTDRTL	133	>FBXW7-S43 IISGFTDRTL	51	82
>FBXW7-S43 IISGSTDRTL	378	>FBXW7-S43 IISGFTDRTL	147	231
>FBXW7-S43 IISGSTDRTL	234	>FBXW7-S43 IISGFTDRTL	243	9
>FBXW7-S43 IISGSTDRTLK	70	>FBXW7-S43 IISGFTDRTLK	75	5
>FBXW7-S43 IISGSTDRTLK	33	>FBXW7-S43 IISGFTDRTLK	23	10
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>FBXW7-S43 IISGSTDRT	76	>FBXW7-S43 IISGFTDR	50	26
>FBXW7-S43 IISGSTDRTLK	58	>FBXW7-S43 IISGFTDRTLK	40	18
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>FBXW7-S43 IIISGSTDRTL	397	>FBXW7-S43 IIISGFTDRTL	355	42
>FBXW7-S43 IIISGSTDRTL	796	>FBXW7-S43 IIISGFTDRTL	284	512
>FBXW7-S43 IIISGSTDRTL	483	>FBXW7-S43 IIISGFTDRTL	461	22
>FBXW7-S43 IIISGSTDRT	1073	>FBXW7-S43 IIISGFTDR	131	942
>FBXW7-S43 IIISGSTDRT	902	>FBXW7-S43 IIISGFTDR	222	680
>FBXW7-S43 IIISGSTDRT	76	>FBXW7-S43 IIISGFTDR	55	21
>FBXW7-S43 IIISGSTDRT	1967	>FBXW7-S43 IIISGFTDR	459	1508
>FBXW7-S43 NIIISGSTDRT	1209	>FBXW7-S43 NIIISGFTDR	405	804
>FBXW7-S43 NIIISGSTDRT	1243	>FBXW7-S43 NIIISGFTDR	402	841
>FBXW7-S43 NIIISGSTDRT	19	>FBXW7-S43 NIIISGFTDR	22	3
>FBXW7-S43 DNIIISGSTDRT	208	>FBXW7-S43 DNIIISGFTDR	116	92
>FBXW7-S43 MRDNIISGS	12938	>FBXW7-S43 MRDNIISGF	224	12714
>FBXW7-S43 MRDNIISGS	5157	>FBXW7-S43 MRDNIISGF	119	5038
>FBXW7-S58 SLTSGMEL	98	>FBXW7-S58 LLTSGMEL	119	21
>FBXW7-S58 SLTSGMEL	20	>FBXW7-S58 LLTSGMEL	17	3
>FBXW7-S58 SLTSGMEL	46	>FBXW7-S58 LLTSGMEL	40	6
>FBXW7-S58 SLTSGMEL	384	>FBXW7-S58 LLTSGMEL	188	196
>FBXW7-S58 SLTSGMEL	29	>FBXW7-S58 LLTSGMEL	32	3
>FBXW7-S58 SLTSGMEL	91	>FBXW7-S58 LLTSGMEL	72	19
>FBXW7-S58 SLTSGMEL	12	>FBXW7-S58 LLTSGMEL	30	18

>FBXW7-S58 SLTSGMEL	1491	>FBXW7-S58 LLTSGMEL	375	1116
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>FBXW7-S58 SLTSGMELK	193	>FBXW7-S58 LLTSGMELK	237	44
>FBXW7-S58 SLTSGMELK	48	>FBXW7-S58 LLTSGMELK	255	207
>FBXW7-S58 SLTSGMELK	264	>FBXW7-S58 LLTSGMELK	362	98
>FBXW7-S58 QSLTSGMEL	17997	>FBXW7-S58 QLLTSGMEL	389	17608
>FBXW7-S58 QSLTSGMEL	10873	>FBXW7-S58 QLLTSGMEL	217	10656
>FBXW7-S58 QSLTSGMEL	17724	>FBXW7-S58 QLLTSGMEL	68	17656
>FBXW7-S58 QSLTSGMEL	19987	>FBXW7-S58 QLLTSGMEL	74	19913
>FBXW7-S58 QSLTSGMEL	20144	>FBXW7-S58 QLLTSGMEL	124	20020
>FBXW7-S58 QSLTSGMEL	22436	>FBXW7-S58 QLLTSGMEL	330	22106
>FBXW7-S58 QSLTSGMEL	25983	>FBXW7-S58 QLLTSGMEL	12	25971
>FBXW7-S58 QSLTSGMELK	120	>FBXW7-S58 QLLTSGMELK	48	72
>FBXW7-S58 QSLTSGMELK	45	>FBXW7-S58 QLLTSGMELK	157	112
>FBXW7-S58 QSLTSGMELK	404	>FBXW7-S58 QLLTSGMELK	1783	1379
>FBXW7-S58 QSLTSGMELK	255	>FBXW7-S58 QLLTSGMELK	1136	881
>FBXW7-S58 QSLTSGMEL	44	>FBXW7-S58 QLLTSGMEL	61	17
>FBXW7-S58 QSLTSGMEL	13	>FBXW7-S58 QLLTSGMEL	3503	3490
>FBXW7-S58 QSLTSGMELK	157	>FBXW7-S58 QLLTSGMELK	3821	3664
>FBXW7-S58 HQSLTSGM	1775	>FBXW7-S58 HQLLTSGM	415	1360
>FBXW7-S58 HQSLTSGMEI	641	>FBXW7-S58 HQLLTSGMEI	169	472
>FBXW7-S58 HQSLTSGMEI	261	>FBXW7-S58 HQLLTSGMEI	298	37
>FBXW7-S58 HQSLTSGMEI	1045	>FBXW7-S58 HQLLTSGMEI	452	593
>FBXW7-S58 HQSLTSGM	130	>FBXW7-S58 HQLLTSGM	381	251
>FBXW7-S58 HQSLTSGM	867	>FBXW7-S58 HQLLTSGM	345	522
>FBXW7-S58 HQSLTSGM	161	>FBXW7-S58 HQLLTSGM	80	81
>FBXW7-S58 HQSLTSGMEI	68	>FBXW7-S58 HQLLTSGMEI	43	25
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>FBXW7-S58 HQSLTSGMEI	41	>FBXW7-S58 HQLLTSGMEI	36	5
>FBXW7-S58 GHQSLTSGM	323	>FBXW7-S58 GHQLLTSGM	1485	1162
>FBXW7-S58 LTGHQSLTSG	344	>FBXW7-S58 LTGHQLLTSG	260	84
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>FBXW7-S58 LTGHQSLTSG	16	>FBXW7-S58 LTGHQLLTSG	19	3
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>FBXW7-S58 TLTGHQSL	38	>FBXW7-S58 TLTGHQLL	30	8
>FBXW7-S58 TLTGHQSL	149	>FBXW7-S58 TLTGHQLL	282	133
>FBXW7-S58 TLTGHQSLT	433	>FBXW7-S58 TLTGHQLLT	1530	1097
>FBXW7-S58 TLTGHQSL	119	>FBXW7-S58 TLTGHQLL	214	95
>FBXW7-S58 TLTGHQSL	254	>FBXW7-S58 TLTGHQLL	231	23
>FBXW7-S58 TLTGHQSL	3	>FBXW7-S58 TLTGHQLL	4	1
>FBXW7-S58 TLTGHQSLT	81	>FBXW7-S58 TLTGHQLLT	118	37
>FBXW7-S58 HTLTGHQSL	235	>FBXW7-S58 HTLTGHQLL	792	557
>FBXW7-S58 HTLTGHQSL	1744	>FBXW7-S58 HTLTGHQLL	414	1330

>FBXW7-S58 HTLTGHQSL	52	>FBXW7-S58 HTLTGHQLL	62	10
>FBXW7-S58 HTLTGHQSLT	209	>FBXW7-S58 HTLTGHQLLT	360	151
>FBXW7-S58 HTLTGHQSL	315	>FBXW7-S58 HTLTGHQLL	2303	1988
>FBXW7-S58 HTLTGHQS	2627	>FBXW7-S58 HTLTGHQL	41	2586
>FBXW7-S58 HTLTGHQSL	116	>FBXW7-S58 HTLTGHQLL	163	47
>FBXW7-S58 HTLTGHQS	2478	>FBXW7-S58 HTLTGHQL	6	2472
>FBXW7-S58 HTLTGHQSL	6	>FBXW7-S58 HTLTGHQLL	13	7
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>FBXW7-S58 HTLTGHQS	29331	>FBXW7-S58 HTLTGHQL	68	29263
>FBXW7-S58 HTLTGHQSL	157	>FBXW7-S58 HTLTGHQLL	70	87
>FBXW7-S58 HTLTGHQSL	366	>FBXW7-S58 HTLTGHQLL	856	490
>FBXW7-S58 IHTLTGHQSL	528	>FBXW7-S58 IHTLTGHQLL	413	115
>FBXW7-S58 SLTSGMEL	98	>FBXW7-S58 PLTSGMEL	8104	8006
>FBXW7-S58 SLTSGMEL	20	>FBXW7-S58 PLTSGMEL	688	668
>FBXW7-S58 SLTSGMEL	46	>FBXW7-S58 PLTSGMEL	3771	3725
>FBXW7-S58 SLTSGMEL	384	>FBXW7-S58 PLTSGMEL	9415	9031
>FBXW7-S58 SLTSGMEL	29	>FBXW7-S58 PLTSGMEL	1046	1017
>FBXW7-S58 SLTSGMEL	91	>FBXW7-S58 PLTSGMEL	4856	4765
>FBXW7-S58 SLTSGMEL	12	>FBXW7-S58 PLTSGMEL	462	450
>FBXW7-S58 SLTSGMEL	3	>FBXW7-S58 PLTSGMEL	19	16
>FBXW7-S58 SLTSGMELK	193	>FBXW7-S58 PLTSGMELK	3926	3733
>FBXW7-S58 SLTSGMELK	48	>FBXW7-S58 PLTSGMELK	3588	3540
>FBXW7-S58 SLTSGMELK	264	>FBXW7-S58 PLTSGMELK	6076	5812
>FBXW7-S58 QSLTSGMEL	24095	>FBXW7-S58 QPLTSGMEL	85	24010
>FBXW7-S58 QSLTSGMELK	120	>FBXW7-S58 QPLTSGMELK	4276	4156
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>FBXW7-S58 QSLTSGMELK	404	>FBXW7-S58 QPLTSGMELK	16129	15725
>FBXW7-S58 QSLTSGMELK	255	>FBXW7-S58 QPLTSGMELK	7264	7009
>FBXW7-S58 QSLTSGMEL	18768	>FBXW7-S58 QPLTSGMEL	86	18682
>FBXW7-S58 QSLTSGMEL	44	>FBXW7-S58 QPLTSGMEL	567	523
>FBXW7-S58 QSLTSGMEL	13	>FBXW7-S58 QPLTSGMEL	13106	13093
>FBXW7-S58 QSLTSGMEL	4962	>FBXW7-S58 QPLTSGMEL	367	4595
>FBXW7-S58 QSLTSGMELK	157	>FBXW7-S58 QPLTSGMELK	3494	3337
>FBXW7-S58 HQSLTSGMEI	261	>FBXW7-S58 HQPLTSGMEI	2783	2522
>FBXW7-S58 HQSLTSGM	130	>FBXW7-S58 HQPLTSGM	830	700
>FBXW7-S58 HQSLTSGM	161	>FBXW7-S58 HQPLTSGM	1163	1002
>FBXW7-S58 HQSLTSGMEI	68	>FBXW7-S58 HQPLTSGMEI	334	266
>FBXW7-S58 HQSLTSGM	251	>FBXW7-S58 HQPLTSGM	4098	3847
>FBXW7-S58 HQSLTSGMEI	41	>FBXW7-S58 HQPLTSGMEI	740	699
>FBXW7-S58 GHQSLTSGM	323	>FBXW7-S58 GHQPLTSGM	728	405
>FBXW7-S58 TGHQSLTSGM	508	>FBXW7-S58 TGHQPLTSGM	367	141
>FBXW7-S58 LTGHQSLTSG	344	>FBXW7-S58 LTGHQPLTSG	273	71
>FBXW7-S58 LTGHQSLTSG	303	>FBXW7-S58 LTGHQPLTSG	864	561

>FBXW7-S58 LTGHQSLTSG	16	>FBXW7-S58 LTGHQPLTSG	16	0
>FBXW7-S58 LTGHQSLTSG	49	>FBXW7-S58 LTGHQPLTSG	87	38
>FBXW7-S58 TLTGHQSL	1313	>FBXW7-S58 TLTGHQPL	498	815
>FBXW7-S58 TLTGHQSL	38	>FBXW7-S58 TLTGHQPL	41	3
>FBXW7-S58 TLTGHQSL	149	>FBXW7-S58 TLTGHQPL	144	5
>FBXW7-S58 TLTGHQSLT	433	>FBXW7-S58 TLTGHQPLT	2186	1753
>FBXW7-S58 TLTGHQSL	119	>FBXW7-S58 TLTGHQPL	88	31
>FBXW7-S58 TLTGHQSL	882	>FBXW7-S58 TLTGHQPL	462	420
>FBXW7-S58 TLTGHQSL	254	>FBXW7-S58 TLTGHQPL	121	133
>FBXW7-S58 TLTGHQSL	3	>FBXW7-S58 TLTGHQPL	4	1
>FBXW7-S58 TLTGHQSLT	81	>FBXW7-S58 TLTGHQPLT	46	35
>FBXW7-S58 HTLTGHQSL	564	>FBXW7-S58 HTLTGHQPL	297	267
>FBXW7-S58 HTLTGHQSL	235	>FBXW7-S58 HTLTGHQPL	345	110
>FBXW7-S58 HTLTGHQSL	52	>FBXW7-S58 HTLTGHQPL	29	23
>FBXW7-S58 HTLTGHQSLT	1429	>FBXW7-S58 HTLTGHQPLT	473	956
>FBXW7-S58 HTLTGHQSLT	209	>FBXW7-S58 HTLTGHQPLT	280	71
>FBXW7-S58 HTLTGHQSL	315	>FBXW7-S58 HTLTGHQPL	329	14
>FBXW7-S58 HTLTGHQSL	1065	>FBXW7-S58 HTLTGHQPL	246	819
>FBXW7-S58 HTLTGHQSL	116	>FBXW7-S58 HTLTGHQPL	47	69
>FBXW7-S58 HTLTGHQSL	501	>FBXW7-S58 HTLTGHQPL	481	20
>FBXW7-S58 HTLTGHQSL	6	>FBXW7-S58 HTLTGHQPL	6	0
>FBXW7-S58 HTLTGHQSL	388	>FBXW7-S58 HTLTGHQPL	207	181
>FBXW7-S58 HTLTGHQSL	157	>FBXW7-S58 HTLTGHQPL	966	809
>FBXW7-S58 HTLTGHQSL	366	>FBXW7-S58 HTLTGHQPL	1009	643
>FBXW7-S58 IHTLTGHQSL	528	>FBXW7-S58 IHTLTGHQPL	374	154
>FBXW7-S58 IHTLTGHQSL	517	>FBXW7-S58 IHTLTGHQPL	298	219
>FBXW7-S59 SGNADSTV	4767	>FBXW7-S59 FGNADSTV	283	4484
>FBXW7-S59 SGNADSTV	4833	>FBXW7-S59 FGNADSTV	338	4495
>FBXW7-S59 SGNADSTVKI	6250	>FBXW7-S59 FGNADSTVKI	429	5821
>FBXW7-S59 SGNADSTVKI	244	>FBXW7-S59 FGNADSTVKI	50	194
>FBXW7-S59 SGNADSTVKI	2466	>FBXW7-S59 FGNADSTVKI	130	2336
>FBXW7-S59 VSGNADSTVI	195	>FBXW7-S59 VFGNADSTVI	1832	1637
>FBXW7-S59 VSGNADSTVI	7717	>FBXW7-S59 VFGNADSTVI	146	7571
>FBXW7-S59 VSGNADSTVI	16921	>FBXW7-S59 VFGNADSTVI	227	16694
>FBXW7-S59 VSGNADSTVI	452	>FBXW7-S59 VFGNADSTVI	27387	26935
>FBXW7-S59 VSGNADSTV	207	>FBXW7-S59 VFGNADSTV	5969	5762
>FBXW7-S59 VSGNADSTVI	44	>FBXW7-S59 VFGNADSTVI	10249	10205
>FBXW7-S59 LVSGNADSTV	1532	>FBXW7-S59 LVFGNADSTV	236	1296
>FBXW7-S59 LVSGNADSTV	93	>FBXW7-S59 LVFGNADSTV	47	46
>FBXW7-S59 LVSGNADSTV	70	>FBXW7-S59 LVFGNADSTV	30	40
>FBXW7-S59 LVSGNADSTV	263	>FBXW7-S59 LVFGNADSTV	87	176
>FBXW7-S59 LVSGNADSTV	147	>FBXW7-S59 LVFGNADSTV	10	137
>FBXW7-S59 LVSGNADSTV	338	>FBXW7-S59 LVFGNADSTV	52	286

>FBXW7-S59 LVSGNADSTV	307	>FBXW7-S59 LVFGNADSTV	39	268
>FBXW7-S59 LVSGNADSTV	261	>FBXW7-S59 LVFGNADSTV	271	10
>FBXW7-S59 LVSGNADSTV	6	>FBXW7-S59 LVFGNADSTV	4	2
>FBXW7-S59 LVSGNADSTV	522	>FBXW7-S59 LVFGNADSTV	145	377
>FBXW7-S59 LVSGNADSTV	166	>FBXW7-S59 LVFGNADSTV	49	117
>FBXW7-S59 LVSGNADSTV	147	>FBXW7-S59 LVFGNADSTV	20	127
>FBXW7-S59 LVSGNADSTV	692	>FBXW7-S59 LVFGNADSTV	259	433
>FBXW7-S59 ILVSGNADSTV	93	>FBXW7-S59 ILVFGNADSTV	152	59
>FBXW7-S59 ILVSGNADSTV	276	>FBXW7-S59 ILVFGNADSTV	976	700
>FBXW7-S59 ILVSGNADSTV	34	>FBXW7-S59 ILVFGNADSTV	47	13
>FBXW7-S59 ILVSGNADSTV	7	>FBXW7-S59 ILVFGNADSTV	8	1
>FBXW7-S59 ILVSGNADSTV	40	>FBXW7-S59 ILVFGNADSTV	62	22
>FBXW7-S59 ILVSGNADSTV	5	>FBXW7-S59 ILVFGNADSTV	8	3
>FBXW7-S59 ILVSGNADSTV	8	>FBXW7-S59 ILVFGNADSTV	11	3
>FBXW7-S59 ILVSGNADSTV	11	>FBXW7-S59 ILVFGNADSTV	15	4
>FBXW7-S59 ILVSGNADSTV	11	>FBXW7-S59 ILVFGNADSTV	12	1
>FBXW7-S59 ILVSGNADSTV	190	>FBXW7-S59 ILVFGNADSTV	558	368
>FBXW7-S59 ILVSGNADSTV	2	>FBXW7-S59 ILVFGNADSTV	3	1
>FBXW7-S59 NILVSGNA	1416	>FBXW7-S59 NILVFGNA	468	948
>FBXW7-S59 LKDNILVS	12503	>FBXW7-S59 LKDNILVF	53	12450
>FBXW7-S59 ELKDNILVS	12469	>FBXW7-S59 ELKDNILVF	66	12403
>FBXW7-S59 ELKDNILVS	12673	>FBXW7-S59 ELKDNILVF	70	12603
>FBXW7-S59 ELKDNILVS	20909	>FBXW7-S59 ELKDNILVF	282	20627
>FBXW7-S59 MELKDNILVS	11766	>FBXW7-S59 MELKDNILVF	21	11745
>FBXW7-S59 MELKDNILVS	5760	>FBXW7-S59 MELKDNILVF	319	5441
>FBXW7-S59 MELKDNILVS	7967	>FBXW7-S59 MELKDNILVF	69	7898
>FBXW7-T53 ETCLHTLQGH	84	>FBXW7-T53 ENCLHTLQGH	7890	7806
>FBXW7-T53 ETCLHTLQ	234	>FBXW7-T53 ENCLHTLQ	10573	10339
>FBXW7-T53 TETCLHTL	69	>FBXW7-T53 TENCLHTL	75	6
>FBXW7-T53 TETCLHTL	77	>FBXW7-T53 TENCLHTL	55	22
>FBXW7-T53 TETCLHTL	16	>FBXW7-T53 TENCLHTL	26	10
>FBXW7-T53 TETCLHTL	160	>FBXW7-T53 TENCLHTL	121	39
>FBXW7-T53 TETCLHTL	654	>FBXW7-T53 TENCLHTL	471	183
>FBXW7-T53 ETETCLHTL	273	>FBXW7-T53 ETENCLHTL	169	104
>FBXW7-T53 ETETCLHTL	65	>FBXW7-T53 ETENCLHTL	197	132
>FBXW7-T53 ETETCLHTL	84	>FBXW7-T53 ETENCLHTL	134	50
>FBXW7-T53 ETETCLHTL	354	>FBXW7-T53 ETENCLHTL	230	124
>FBXW7-T53 ETETCLHTL	487	>FBXW7-T53 ETENCLHTL	963	476
>FBXW7-T53 ETETCLHTL	524	>FBXW7-T53 ETENCLHTL	253	271
>FBXW7-T53 PETETCLHTL	275	>FBXW7-T53 PETENCLHTL	212	63
>FBXW7-T53 VWDPETETCI	555	>FBXW7-T53 VWDPETENC	312	243
>FBXW7-T53 KVWDPETETCI	105	>FBXW7-T53 KVWDPETEN	174	69
>FBXW7-T53 KVWDPETETCI	177	>FBXW7-T53 KVWDPETEN	510	333

>FBXW7-T53 KVWDPETETC	145	>FBXW7-T53 KVWDPETEN	201	56
>FBXW7-T53 KVWDPETETC	76	>FBXW7-T53 KVWDPETEN	124	48
>FBXW7-T53 KVWDPETETC	111	>FBXW7-T53 KVWDPETEN	245	134
>FBXW7-T53 KVWDPETETC	168	>FBXW7-T53 KVWDPETEN	871	703
>FBXW7-T53 KVWDPETETC	354	>FBXW7-T53 KVWDPETEN	530	176
>FBXW7-V50 VRCVQYDGR	616	>FBXW7-V50 IRCVQYDGRF	291	325
>FBXW7-V50 VRCVQYDGR	649	>FBXW7-V50 IRCVQYDGRF	435	214
>FBXW7-V50 AVRCVQYD	350	>FBXW7-V50 AIRCVQYD	884	534
>FBXW7-V50 AVRCVQYDG	247	>FBXW7-V50 AIRCVQYDGF	810	563
>FBXW7-V50 AVRCVQYDG	262	>FBXW7-V50 AIRCVQYDGF	823	561
>FBXW7-V50 AVRCVQYDG	158	>FBXW7-V50 AIRCVQYDGF	141	17
>FBXW7-V50 AVRCVQYDG	82	>FBXW7-V50 AIRCVQYDGF	136	54
>FBXW7-V50 LHVLMGHVA	373	>FBXW7-V50 LHVLMGHVA	310	63
>FBXW7-V50 AAVRCVQY	410	>FBXW7-V50 AAIRCVQY	191	219
>FBXW7-V50 AAVRCVQYD	383	>FBXW7-V50 AAIRCVQYDC	240	143
>FBXW7-V50 AAVRCVQYD	501	>FBXW7-V50 AAIRCVQYDC	290	211
>FBXW7-V50 AAVRCVQY	513	>FBXW7-V50 AAIRCVQY	260	253
>FBXW7-V50 AAVRCVQY	181	>FBXW7-V50 AAIRCVQY	125	56
>FBXW7-V50 AAVRCVQY	14	>FBXW7-V50 AAIRCVQY	16	2
>FBXW7-V50 VAAVRCVQY	451	>FBXW7-V50 VAAIRCVQY	346	105
>FBXW7-V50 VAAVRCVQY	29	>FBXW7-V50 VAAIRCVQY	19	10
>FBXW7-V50 HVAAVRCV	294	>FBXW7-V50 HVAAIRCV	144	150
>FBXW7-V50 HVAAVRCV	398	>FBXW7-V50 HVAAIRCV	388	10
>FBXW7-V50 HVAAVRCV	322	>FBXW7-V50 HVAAIRCV	181	141
>FBXW7-V50 HVAAVRCVQ	451	>FBXW7-V50 HVAAIRCVQY	442	9
>FBXW7-V50 HVAAVRCVQ	228	>FBXW7-V50 HVAAIRCVQY	347	119
>FBXW7-V50 HVAAVRCVQ	142	>FBXW7-V50 HVAAIRCVQY	158	16
>FBXW7-V50 HVAAVRCVQ	294	>FBXW7-V50 HVAAIRCVQ	222	72
>FBXW7-V50 HVAAVRCVQ	80	>FBXW7-V50 HVAAIRCVQY	120	40
>FBXW7-V50 HVAAVRCV	9	>FBXW7-V50 HVAAIRCV	8	1
>FBXW7-V50 HVAAVRCV	320	>FBXW7-V50 HVAAIRCV	269	51
>FBXW7-V50 HVAAVRCVQ	373	>FBXW7-V50 HVAAIRCVQY	207	166
>FBXW7-V50 HVAAVRCVQ	192	>FBXW7-V50 HVAAIRCVQY	260	68
>FBXW7-V50 HVAAVRCVQ	784	>FBXW7-V50 HVAAIRCVQY	482	302
>FBXW7-V50 HVAAVRCVQ	33	>FBXW7-V50 HVAAIRCVQY	42	9
>FBXW7-V50 MGHVAAVR	252	>FBXW7-V50 MGHVAAIR	347	95
>FBXW7-V50 MGHVAAVR	108	>FBXW7-V50 MGHVAAIR	122	14
>FBXW7-V50 LMGHVAAV	40	>FBXW7-V50 LMGHVAAI	152	112
>FBXW7-V50 LMGHVAAVR	348	>FBXW7-V50 LMGHVAAIR	309	39
>FBXW7-V50 LMGHVAAV	15	>FBXW7-V50 LMGHVAAI	62	47
>FBXW7-V50 LMGHVAAVR	129	>FBXW7-V50 LMGHVAAIR	128	1
>FBXW7-V50 LMGHVAAV	6	>FBXW7-V50 LMGHVAAI	20	14
>FBXW7-V50 LMGHVAAVR	48	>FBXW7-V50 LMGHVAAIR	55	7



>FBXW7-V50 LMGHVAAV	37	>FBXW7-V50 LMGHVAAI	302	265
>FBXW7-V50 LMGHVAAV	2	>FBXW7-V50 LMGHVAAI	6	4
>FBXW7-V50 LMGHVA AVR	170	>FBXW7-V50 LMGHVA AIRC	181	11
>FBXW7-V50 LMGHVA AVR	5	>FBXW7-V50 LMGHVA AIRC	5	0
>FBXW7-V50 LMGHVA AV	3	>FBXW7-V50 LMGHVA AI	9	6
>FBXW7-V50 LMGHVA AVR	10	>FBXW7-V50 LMGHVA AIRC	10	0
>FBXW7-V50 LMGHVA AV	9	>FBXW7-V50 LMGHVA AI	86	77
>FBXW7-V50 LMGHVA AVR	14	>FBXW7-V50 LMGHVA AIRC	13	1
>FBXW7-V50 LMGHVA AV	5	>FBXW7-V50 LMGHVA AI	96	91
>FBXW7-V50 LMGHVA AVR	11	>FBXW7-V50 LMGHVA AIRC	13	2
>FBXW7-V50 LMGHVA AV	2	>FBXW7-V50 LMGHVA AI	27	25
>FBXW7-V50 LMGHVA AVR	206	>FBXW7-V50 LMGHVA AIRC	284	78
>FBXW7-V50 LMGHVA AVR	6	>FBXW7-V50 LMGHVA AIRC	6	0
>FBXW7-V50 LMGHVA AVR	85	>FBXW7-V50 LMGHVA AIR	106	21
>FBXW7-V50 LMGHVA AVR	325	>FBXW7-V50 LMGHVA AIR	362	37
>FBXW7-V50 LMGHVA AV	205	>FBXW7-V50 LMGHVA AI	175	30
>FBXW7-V50 LMGHVA AV	463	>FBXW7-V50 LMGHVA AI	340	123
>FBXW7-V50 VLMGHVA AV	8	>FBXW7-V50 VLMGHVA AI	14	6
>FBXW7-V50 VLMGHVA AV	2	>FBXW7-V50 VLMGHVA AI	4	2
>FBXW7-V50 VLMGHVA AV	2	>FBXW7-V50 VLMGHVA AI	2	0
>FBXW7-V50 VLMGHVA AV	436	>FBXW7-V50 VLMGHVA AI	496	60
>FBXW7-V50 VLMGHVA AV	6	>FBXW7-V50 VLMGHVA AI	23	17
>FBXW7-V50 VLMGHVA AV	1	>FBXW7-V50 VLMGHVA AI	2	1
>FBXW7-V50 VLMGHVA AV	31	>FBXW7-V50 VLMGHVA AI	26	5
>FBXW7-V50 VLMGHVA AV	2	>FBXW7-V50 VLMGHVA AI	5	3
>FBXW7-V50 VLMGHVA AV	454	>FBXW7-V50 VLMGHVA AI	481	27
>FBXW7-V50 VLMGHVA AV	6	>FBXW7-V50 VLMGHVA AI	41	35
>FBXW7-V50 VLMGHVA AV	2	>FBXW7-V50 VLMGHVA AI	3	1
>FBXW7-V50 VLMGHVA AV	53	>FBXW7-V50 VLMGHVA AI	67	14
>FBXW7-V50 VLMGHVA AV	1	>FBXW7-V50 VLMGHVA AI	4	3
>FBXW7-V50 VLMGHVA AV	11	>FBXW7-V50 VLMGHVA AI	12	1
>FBXW7-V50 VLMGHVA AV	195	>FBXW7-V50 VLMGHVA AI	186	9
>FBXW7-V50 VLMGHVA AV	18	>FBXW7-V50 VLMGHVA AI	19	1
>FBXW7-V50 VLMGHVA AV	448	>FBXW7-V50 VLMGHVA AI	32	416
>FBXW7-V50 VLMGHVA AV	477	>FBXW7-V50 VLMGHVA AI	339	138
>FBXW7-V50 VLMGHVA AV	70	>FBXW7-V50 VLMGHVA AI	52	18
>FBXW7-V50 VLMGHVA AV	346	>FBXW7-V50 VLMGHVA AI	2172	1826
>FBXW7-V50 VLMGHVA AV	209	>FBXW7-V50 VLMGHVA AI	135	74
>FBXW7-V50 VLMGHVA AV	201	>FBXW7-V50 VLMGHVA AI	173	28
>FBXW7-V50 HVLMGHVA A	463	>FBXW7-V50 HVLMGHVA A	867	404
>FBXW7-V50 HVLMGHVA A	153	>FBXW7-V50 HVLMGHVA A	597	444
>FBXW7-V50 HVLMGHVA A	201	>FBXW7-V50 HVLMGHVA A	877	676
>FBXW7-V50 HVLMGHVA A	22	>FBXW7-V50 HVLMGHVA A	372	350

>FBXW7-V50 HVLMGHVAA	112	>FBXW7-V50 HVLMGHVAA	1394	1282
>FBXW7-V50 HVLMGHVAA	159	>FBXW7-V50 HVLMGHVAA	4604	4445
>FBXW7-V50 HVLMGHVAA	230	>FBXW7-V50 HVLMGHVAA	3714	3484
>FBXW7-V50 HVLMGHVAA	13	>FBXW7-V50 HVLMGHVAA	2359	2346
>FBXW7-V50 HVLMGHVAA	100	>FBXW7-V50 HVLMGHVAA	59	41
>FBXW7-V50 HVLMGHVAA	20	>FBXW7-V50 HVLMGHVAA	21	1
>FBXW7-V50 HVLMGHVAA	1106	>FBXW7-V50 HVLMGHVAA	70	1036
>FBXW7-V50 HVLMGHVAA	39	>FBXW7-V50 HVLMGHVAA	49	10
>FBXW7-V50 HVLMGHVAA	35	>FBXW7-V50 HVLMGHVAA	37	2
>FBXW7-V50 HVLMGHVAA	13	>FBXW7-V50 HVLMGHVAA	63	50
>FBXW7-V50 HVLMGHVAA	143	>FBXW7-V50 HVLMGHVAA	179	36
>FBXW7-V62 VTCLQFNKNF	522	>FBXW7-V62 ATCLQFNKNF	418	104
>FBXW7-V62 VTCLQFNK	258	>FBXW7-V62 ATCLQFNK	273	15
>FBXW7-V62 VTCLQFNK	13	>FBXW7-V62 ATCLQFNK	12	1
>FBXW7-V62 VTCLQFNKNF	892	>FBXW7-V62 ATCLQFNKNF	202	690
>FBXW7-V62 VTCLQFNK	540	>FBXW7-V62 ATCLQFNK	52	488
>FBXW7-V62 VTCLQFNK	210	>FBXW7-V62 ATCLQFNK	97	113
>FBXW7-V62 VTCLQFNKNF	1877	>FBXW7-V62 ATCLQFNKNF	408	1469
>FBXW7-V62 VTCLQFNK	288	>FBXW7-V62 ATCLQFNK	347	59
>FBXW7-V62 VTCLQFNKNF	348	>FBXW7-V62 ATCLQFNKNF	380	32
>FBXW7-V62 VTCLQFNKNF	711	>FBXW7-V62 ATCLQFNKNF	464	247
>FBXW7-V62 VTCLQFNKNF	14	>FBXW7-V62 ATCLQFNKNF	13	1
>FBXW7-V62 VTCLQFNKNF	73	>FBXW7-V62 ATCLQFNKNF	72	1
>FBXW7-V62 VTCLQFNK	290	>FBXW7-V62 ATCLQFNK	67	223
>FBXW7-V62 AVTCLQFNK	163	>FBXW7-V62 AATCLQFNK	1130	967
>FBXW7-V62 AVTCLQFNK	15	>FBXW7-V62 AATCLQFNK	36	21
>FBXW7-V62 AVTCLQFNK	114	>FBXW7-V62 AATCLQFNK	446	332
>FBXW7-V62 AVTCLQFNK	101	>FBXW7-V62 AATCLQFNK	258	157
>FBXW7-V62 AVTCLQFNK	181	>FBXW7-V62 AATCLQFNK	350	169
>FBXW7-V62 AVTCLQFNKN	523	>FBXW7-V62 AATCLQFNKN	141	382
>FBXW7-V62 AVTCLQFNKN	743	>FBXW7-V62 AATCLQFNKN	79	664
>FBXW7-V62 AVTCLQFNK	110	>FBXW7-V62 AATCLQFNK	110	0
>FBXW7-V62 LQGPKNKHQS	433	>FBXW7-V62 LQGPKNKHQS	2807	2374
>FBXW7-V62 LQGPKNKHQS	143	>FBXW7-V62 LQGPKNKHQS	937	794
>FBXW7-V62 LQGPKNKHQS	166	>FBXW7-V62 LQGPKNKHQS	5334	5168
>FBXW7-V62 LQGPKNKHQS	218	>FBXW7-V62 LQGPKNKHQS	6141	5923
>FBXW7-V62 LQGPKNKHQS	134	>FBXW7-V62 LQGPKNKHQS	10547	10413
>FBXW7-V62 LQGPKNKHQS	445	>FBXW7-V62 LQGPKNKHQS	463	18
>FBXW7-V62 LQGPKNKHQS	236	>FBXW7-V62 LQGPKNKHQS	1028	792
>FBXW7-V62 SAVTCLQFNK	497	>FBXW7-V62 SAATCLQFNK	477	20
>FBXW7-V62 SAVTCLQFNK	29	>FBXW7-V62 SAATCLQFNK	25	4
>FBXW7-V62 SAVTCLQFNK	346	>FBXW7-V62 SAATCLQFNK	549	203
>FBXW7-V62 SAVTCLQFNK	58	>FBXW7-V62 SAATCLQFNK	33	25

>FBXW7-V62 SAVTCLQF	133	>FBXW7-V62 SAATCLQF	148	15
>FBXW7-V62 SAVTCLQF	15	>FBXW7-V62 SAATCLQF	43	28
>FBXW7-V62 SAVTCLQF	383	>FBXW7-V62 SAATCLQF	342	41
>FBXW7-V62 SAVTCLQF	475	>FBXW7-V62 SAATCLQF	257	218
>FBXW7-V62 SAVTCLQFNK	268	>FBXW7-V62 SAATCLQFNK	197	71
>FBXW7-V62 QSAVTCLQFM	396	>FBXW7-V62 QSAATCLQFM	171	225
>FBXW7-V62 QSAVTCLQFM	30	>FBXW7-V62 QSAATCLQFM	21	9
>FBXW7-V62 QSAVTCLQFM	736	>FBXW7-V62 QSAATCLQFM	497	239
>FBXW7-V62 QSAVTCLQFM	44	>FBXW7-V62 QSAATCLQFM	35	9
>FBXW7-V62 QSAVTCLQF	365	>FBXW7-V62 QSAATCLQF	142	223
>FBXW7-V62 QSAVTCLQF	53	>FBXW7-V62 QSAATCLQF	45	8
>FBXW7-V62 QSAVTCLQF	4	>FBXW7-V62 QSAATCLQF	4	0
>FBXW7-V62 QSAVTCLQF	24	>FBXW7-V62 QSAATCLQF	17	7
>FBXW7-V62 QSAVTCLQF	88	>FBXW7-V62 QSAATCLQF	82	6
>FBXW7-V62 QSAVTCLQFM	84	>FBXW7-V62 QSAATCLQFM	103	19
>FBXW7-V62 HQSAVTCL	71	>FBXW7-V62 HQSAATCL	185	114
>FBXW7-V62 HQSAVTCL	225	>FBXW7-V62 HQSAATCL	342	117
>FBXW7-V62 HQSAVTCL	285	>FBXW7-V62 HQSAATCL	297	12
>FBXW7-V62 HQSAVTCLQF	43	>FBXW7-V62 HQSAATCLQF	36	7
>FBXW7-V62 HQSAVTCLQF	464	>FBXW7-V62 HQSAATCLQF	279	185
>FBXW7-V62 HQSAVTCL	103	>FBXW7-V62 HQSAATCL	91	12
>FBXW7-V62 HQSAVTCLQF	11	>FBXW7-V62 HQSAATCLQF	8	3
>FBXW7-V62 HQSAVTCL	14	>FBXW7-V62 HQSAATCL	13	1
>FBXW7-V62 HQSAVTCLQF	519	>FBXW7-V62 HQSAATCLQF	480	39
>FBXW7-V62 KHQSAVTCLC	217	>FBXW7-V62 KHQSAATCLC	301	84
>FBXW7-V62 KHQSAVTCL	246	>FBXW7-V62 KHQSAATCL	414	168
>FBXW7-V62 KHQSAVTCLC	18	>FBXW7-V62 KHQSAATCLC	20	2
>FBXW7-V62 KHQSAVTCL	328	>FBXW7-V62 KHQSAATCL	178	150
>FBXW7-V62 NKHQSAVTCL	53	>FBXW7-V62 NKHQSAATCL	96	43
>FBXW7-V62 NKHQSAVTCL	51	>FBXW7-V62 NKHQSAATCL	42	9
>FBXW7-V62 GPNKHQSAV	34	>FBXW7-V62 GPNKHQSAA	111	77
>FBXW7-V62 GPNKHQSAV	1894	>FBXW7-V62 GPNKHQSAA	462	1432
>FBXW7-V62 GPNKHQSAV	498	>FBXW7-V62 GPNKHQSAA	598	100
>FBXW7-V67 VWRIRASNT	23	>FBXW7-V67 MWRIRASNT	5	18
>FBXW7-V67 VWRIRASNT	3927	>FBXW7-V67 MWRIRASNT	489	3438
>FBXW7-V67 VWRIRASNT	2362	>FBXW7-V67 MWRIRASNT	479	1883
>FBXW7-V67 VWRIRASN	1091	>FBXW7-V67 MWRIRASN	353	738
>FBXW7-V67 VWRIRASNT	565	>FBXW7-V67 MWRIRASNT	173	392
>FBXW7-V67 VVWRIRAS	10649	>FBXW7-V67 VMWRIRAS	227	10422
>FBXW7-V67 VVWRIRASN	10127	>FBXW7-V67 VMWRIRASN	135	9992
>FBXW7-V67 VVWRIRASN	6309	>FBXW7-V67 VMWRIRASN	79	6230
>FBXW7-V67 VVWRIRASN	94	>FBXW7-V67 VMWRIRASN	48	46
>FBXW7-V67 VVWRIRASN	44	>FBXW7-V67 VMWRIRASN	63	19

>FBXW7-V67 VVWRIRASN`	75	>FBXW7-V67 VMWRIRASN	337	262
>FBXW7-V67 VVWRIRASN`	171	>FBXW7-V67 VMWRIRASN	75	96
>FBXW7-V67 VVWRIRASN`	429	>FBXW7-V67 VMWRIRASN	1528	1099
>FBXW7-V67 VVWRIRASN`	8231	>FBXW7-V67 VMWRIRASN	333	7898
>FBXW7-V67 TLESGGSGGV\	235	>FBXW7-V67 TLESGGSGGV\	8744	8509
>FBXW7-V67 TLESGGSGGV\	183	>FBXW7-V67 TLESGGSGGV\	8641	8458
>FBXW7-V67 TLESGGSGGV\	439	>FBXW7-V67 TLESGGSGGV\	11349	10910
>FBXW7-V67 TLESGGSGGV\	11	>FBXW7-V67 TLESGGSGGV\	3014	3003
>FBXW7-V67 TLESGGSGGV\	702	>FBXW7-V67 TLESGGSGGV\	113	589
>FBXW7-V67 TLESGGSGGV\	3579	>FBXW7-V67 TLESGGSGGV\	289	3290
>FBXW7-V67 GSGGVVWRI	265	>FBXW7-V67 GSGGVMWR	1147	882
>FBXW7-V67 GSGGVVWR	312	>FBXW7-V67 GSGGVMWR	349	37
>FBXW7-V67 GSGGVVWRI	377	>FBXW7-V67 GSGGVMWR	386	9
>FBXW7-V67 GSGGVVWRI	313	>FBXW7-V67 GSGGVMWR	1757	1444
>FBXW7-V67 GSGGVVWR	587	>FBXW7-V67 GSGGVMWR	370	217
>FBXW7-V67 GSGGVVWRI	916	>FBXW7-V67 GSGGVMWR	498	418
>FBXW7-V67 ESGGSGGVV\	7819	>FBXW7-V67 ESGGSGGVM	94	7725
>FBXW7-V67 ESGGSGGVV\	4823	>FBXW7-V67 ESGGSGGVM	85	4738
>FBXW7-V67 ESGGSGGVV\	425	>FBXW7-V67 ESGGSGGVM	491	66
>FBXW7-V67 ESGGSGGVV\	33	>FBXW7-V67 ESGGSGGVM	31	2
>FBXW7-V67 ESGGSGGVV\	58	>FBXW7-V67 ESGGSGGVM	64	6
>FBXW7-V67 ESGGSGGVV\	392	>FBXW7-V67 ESGGSGGVM	1063	671
>FBXW7-V67 LESGGS GGVA\	4422	>FBXW7-V67 LESGGS GGVA\	327	4095
>FBXW7-V67 LESGGS GGVA\	104	>FBXW7-V67 LESGGS GGVA\	165	61
>FBXW7-V67 LESGGS GGVA\	408	>FBXW7-V67 LESGGS GGVA\	462	54
>FBXW7-V67 LESGGS GGVA\	453	>FBXW7-V67 LESGGS GGVA\	179	274
>FBXW7-V67 LESGGS GGVA\	172	>FBXW7-V67 LESGGS GGVA\	95	77
>FBXW7-V67 LESGGS GGVA\	9029	>FBXW7-V67 LESGGS GGVA\	343	8686
>FBXW7-V67 LESGGS GGVA\	280	>FBXW7-V67 LESGGS GGVA\	212	68
>FBXW7-V67 LESGGS GGVA\	90	>FBXW7-V67 LESGGS GGVA\	103	13
>FBXW7-W5: VWDPETETCI	19545	>FBXW7-W5: VRDPETETCL	453	19092
>FBXW7-W5: VWDPETETCI	11840	>FBXW7-W5: VRDPETETCL	242	11598
>FBXW7-W5: KVWDPETETC	105	>FBXW7-W5: KVRDPETETC	14657	14552
>FBXW7-W5: KVWDPETETC	177	>FBXW7-W5: KVRDPETETC	9969	9792
>FBXW7-W5: KVWDPETETC	145	>FBXW7-W5: KVRDPETETC	7499	7354
>FBXW7-W5: KVWDPETETC	76	>FBXW7-W5: KVRDPETETC	10023	9947
>FBXW7-W5: KVWDPETETC	111	>FBXW7-W5: KVRDPETETC	1465	1354
>FBXW7-W5: KVWDPETETC	11239	>FBXW7-W5: KVRDPETETC	144	11095
>FBXW7-W5: KVWDPETETC	168	>FBXW7-W5: KVRDPETETC	3405	3237
>FBXW7-W5: KVWDPETETC	354	>FBXW7-W5: KVRDPETETC	7313	6959
>FBXW7-W5: KVWDPETETC	4805	>FBXW7-W5: KVRDPETETC	348	4457
>FBXW7-W5: MVKVWDPEI	1416	>FBXW7-W5: MVKVRDPET	487	929
>FBXW7-W5: FMVKVWDPEI	439	>FBXW7-W5: FMKVRDPET	1755	1316

>FBXW7-W5: FMVKVWDPE	142	>FBXW7-W5: FMVKVRDPE	299	157
>FBXW7-W5: FMVKVWDPE	18	>FBXW7-W5: FMVKVRDPE	169	151
>FBXW7-W5: FMVKVWDPE	34	>FBXW7-W5: FMVKVRDPE	199	165
>FBXW7-W5: FMVKVWDPE	76	>FBXW7-W5: FMVKVRDPE	118	42
>FBXW7-W5: YDFMVKVW	324	>FBXW7-W5: YDFMVKVR	1735	1411
>FBXW7-W5: YDFMVKVW	30872	>FBXW7-W5: YDFMVKVR	249	30623
>FBXW7-W5: YDFMVKVW	299	>FBXW7-W5: YDFMVKVR	31736	31437
>FBXW7-W5: AYDFMVKVW	152	>FBXW7-W5: AYDFMVKVR	9050	8898
>FBXW7-W5: GAYDFMVKV	27623	>FBXW7-W5: GAYDFMVKV	223	27400
>FBXW7-W5: GAYDFMVKV	32321	>FBXW7-W5: GAYDFMVKV	188	32133
>FBXW7-W5: GAYDFMVKV	5	>FBXW7-W5: GAYDFMVKV	10974	10969
>FBXW7-W5: GAYDFMVKV	58	>FBXW7-W5: GAYDFMVKV	22378	22320
>FBXW7-W5: GAYDFMVKV	45	>FBXW7-W5: GAYDFMVKV	22113	22068
>FBXW7-W5: GAYDFMVKV	33	>FBXW7-W5: GAYDFMVKV	26219	26186
>FBXW7-W5: GAYDFMVKV	10631	>FBXW7-W5: GAYDFMVKV	386	10245
>FBXW7-Y51 YDFMVKVW	324	>FBXW7-Y51 CDFMVKVW	5125	4801
>FBXW7-Y51 YDFMVKVW	299	>FBXW7-Y51 CDFMVKVW	803	504
>FBXW7-Y51 AYDFMVKVW	152	>FBXW7-Y51 ACDFMVKVW	22427	22275
>FBXW7-Y51 AYDFMVKV	227	>FBXW7-Y51 ACDFMVKV	7700	7473
>FBXW7-Y51 GAYDFMVKV	92	>FBXW7-Y51 GACDFMVKV	8923	8831
>FBXW7-Y51 GAYDFMVKV	85	>FBXW7-Y51 GACDFMVKV	1624	1539
>FBXW7-Y51 GAYDFMVKV	73	>FBXW7-Y51 GACDFMVKV	844	771
>FBXW7-Y51 GAYDFMVKV	64	>FBXW7-Y51 GACDFMVKV	1443	1379
>FBXW7-Y51 GAYDFMVKV	42	>FBXW7-Y51 GACDFMVKV	366	324
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>FBXW7-Y51 GAYDFMVKV	55	>FBXW7-Y51 GACDFMVKV	3358	3303
>FBXW7-Y51 GAYDFMVKV	11	>FBXW7-Y51 GACDFMVKV	91	80
>FBXW7-Y51 GAYDFMVK	104	>FBXW7-Y51 GACDFMVK	2954	2850
>FBXW7-Y51 GAYDFMVK	10	>FBXW7-Y51 GACDFMVK	18	8
>FBXW7-Y51 GAYDFMVK	98	>FBXW7-Y51 GACDFMVK	663	565
>FBXW7-Y51 GAYDFMVKV	319	>FBXW7-Y51 GACDFMVKV	2378	2059
>FBXW7-Y51 GAYDFMVKV	76	>FBXW7-Y51 GACDFMVKV	2672	2596
>FBXW7-Y51 GAYDFMVKV	425	>FBXW7-Y51 GACDFMVKV	2664	2239
>FBXW7-Y51 GAYDFMVKV	5	>FBXW7-Y51 GACDFMVKV	33	28
>FBXW7-Y51 GAYDFMVKV	58	>FBXW7-Y51 GACDFMVKV	452	394
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>FBXW7-Y51 GAYDFMVKV	33	>FBXW7-Y51 GACDFMVKV	245	212
>FBXW7-Y51 GAYDFMVK	112	>FBXW7-Y51 GACDFMVK	248	136
>FBXW7-Y51 SGAYDFMV	540	>FBXW7-Y51 SGACDFMV	412	128
>FBXW7-Y51 SGAYDFMVK	208	>FBXW7-Y51 SGACDFMVK	271	63
>FBXW7-Y51 SGAYDFMV	167	>FBXW7-Y51 SGACDFMV	151	16
>FBXW7-Y51 SGAYDFMVK	137	>FBXW7-Y51 SGACDFMVK	130	7
>FBXW7-Y51 VSGAYDFMV	348	>FBXW7-Y51 VSGACDFMV	400	52

>FBXW7-Y51 VSGAYDFMV	50	>FBXW7-Y51 VSGACDFMV	87	37
>FBXW7-Y51 VSGAYDFM	415	>FBXW7-Y51 VSGACDFM	699	284
>FBXW7-Y51 VSGAYDFM	2521	>FBXW7-Y51 VSGACDFM	387	2134
>FBXW7-Y51 VVSGAYDFM	374	>FBXW7-Y51 VVSGACDFM	294	80
>FBXW7-Y51 VVSGAYDFM	287	>FBXW7-Y51 VVSGACDFM	401	114
>FBXW7-Y51 VVSGAYDFM	72	>FBXW7-Y51 VVSGACDFM	216	144
>FBXW7-Y51 VVSGAYDFM	233	>FBXW7-Y51 VVSGACDFM	152	81
>FBXW7-Y51 VVSGAYDFM	39	>FBXW7-Y51 VVSGACDFM	173	134
>FBXW7-Y51 VVSGAYDFM	33	>FBXW7-Y51 VVSGACDFM	46	13
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>FBXW7-Y51 VVSGAYDFM	8	>FBXW7-Y51 VVSGACDFM	11	3
>FBXW7-Y51 VVSGAYDFM	162	>FBXW7-Y51 VVSGACDFM	187	25
>FBXW7-Y51 VVSGAYDFM	17	>FBXW7-Y51 VVSGACDFM	25	8
>FBXW7-Y51 VVSGAYDFM	177	>FBXW7-Y51 VVSGACDFM	477	300
>FBXW7-Y51 VVSGAYDFM	442	>FBXW7-Y51 VVSGACDFM	1103	661
>FBXW7-Y51 VVSGAYDFM	254	>FBXW7-Y51 VVSGACDFM	242	12
>FBXW7-Y51 VVSGAYDFM	353	>FBXW7-Y51 VVSGACDFM	166	187
>FBXW7-Y51 RVVSGAYDFM	167	>FBXW7-Y51 RVVSGACDFM	340	173
>FBXW7-Y51 RVVSGAYDFM	495	>FBXW7-Y51 RVVSGACDFM	1112	617
>FBXW7-Y51 RVVSGAYDFM	353	>FBXW7-Y51 RVVSGACDFM	755	402
>FBXW7-Y51 RVVSGAYDFM	210	>FBXW7-Y51 RVVSGACDFM	290	80
>FBXW7-Y51 RVVSGAYDFM	12	>FBXW7-Y51 RVVSGACDFM	16	4
>FBXW7-Y51 RVVSGAYDFM	43	>FBXW7-Y51 RVVSGACDFM	102	59
>FBXW7-Y51 RVVSGAYDFM	319	>FBXW7-Y51 RVVSGACDFM	560	241
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>FBXW7-Y51 RVVSGAYDFM	38	>FBXW7-Y51 RVVSGACDFM	33	5
>FBXW7-Y51 RVVSGAYDF	233	>FBXW7-Y51 RVVSGACDF	5861	5628
>FBXW7-Y51 RVVSGAYDF	117	>FBXW7-Y51 RVVSGACDF	802	685
>FBXW7-Y51 RVVSGAYDFM	19	>FBXW7-Y51 RVVSGACDFM	50	31
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>FBXW7-Y51 RVVSGAYDF	21	>FBXW7-Y51 RVVSGACDF	145	124
>FBXW7-Y51 RVVSGAYDFM	177	>FBXW7-Y51 RVVSGACDFM	330	153
>FBXW7-Y51 RVVSGAYDFM	204	>FBXW7-Y51 RVVSGACDFM	465	261
>FBXW7-Y51 RVVSGAYDF	316	>FBXW7-Y51 RVVSGACDF	135	181
>FBXW7-Y51 RVVSGAYDF	119	>FBXW7-Y51 RVVSGACDF	135	16
>FBXW7-Y51 RVVSGAYDF	15	>FBXW7-Y51 RVVSGACDF	12	3
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>FBXW7-Y51 RVVSGAYDF	378	>FBXW7-Y51 RVVSGACDF	322	56
>FBXW7-Y51 RVVSGAYDF	202	>FBXW7-Y51 RVVSGACDF	452	250
>FBXW7-Y51 RVVSGAYDFM	474	>FBXW7-Y51 RVVSGACDFM	1478	1004
>FBXW7-Y51 RRVVSGAY	393	>FBXW7-Y51 RRVVSGAC	29835	29442
>FBXW7-Y51 RRVVSGAY	19	>FBXW7-Y51 RRVVSGAC	1975	1956
>FBXW7-Y51 RRVVSGAYDF	6	>FBXW7-Y51 RRVVSGACDI	8	2

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>FBXW7-Y51 RRVVSGAY	73	>FBXW7-Y51 RRVVSGAC	1652	1579
>FBXW7-Y51 RRVVSGAYDF	18	>FBXW7-Y51 RRVVSGACDI	43	25
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>FBXW7-Y51 RRVVSGAYDF	322	>FBXW7-Y51 RRVVSGACDI	123	199
>FBXW7-Y51 RRVVSGAYDF	153	>FBXW7-Y51 RRVVSGACDI	219	66
>FBXW7-Y51 RRVVSGAYDF	136	>FBXW7-Y51 RRVVSGACDI	169	33
>FBXW7-Y51 RRVVSGAYDF	137	>FBXW7-Y51 RRVVSGACDI	225	88
>FBXW7-Y51 GRRVVSAGAY	443	>FBXW7-Y51 GRRVVSAGAC	33762	33319
>FBXW7-Y51 GRRVVSAGAYI	123	>FBXW7-Y51 GRRVVSAGACI	141	18
>FBXW7-Y51 GRRVVSAGAYI	429	>FBXW7-Y51 GRRVVSAGACI	358	71
>FBXW7-Y51 GRRVVSAGAY	470	>FBXW7-Y51 GRRVVSAGAC	1125	655
>FBXW7-Y51 GRRVVSAGAYI	180	>FBXW7-Y51 GRRVVSAGACI	192	12
>FBXW7-Y54 YSLQFDGIHV	117	>FBXW7-Y54 CSLQFDGIHV	1931	1814
>FBXW7-Y54 YSLQFDGIHV	434	>FBXW7-Y54 CSLQFDGIHV	6165	5731
>FBXW7-Y54 YSLQFDGI	241	>FBXW7-Y54 CSLQFDGI	6184	5943
>FBXW7-Y54 YSLQFDGIHV	52	>FBXW7-Y54 CSLQFDGIHV	697	645
>FBXW7-Y54 YSLQFDGIHV	150	>FBXW7-Y54 CSLQFDGIHV	2334	2184
>FBXW7-Y54 YSLQFDGIHV	151	>FBXW7-Y54 CSLQFDGIHV	6198	6047
>FBXW7-Y54 YSLQFDGIHV	41	>FBXW7-Y54 CSLQFDGIHV	1720	1679
>FBXW7-Y54 YSLQFDGIHV	224	>FBXW7-Y54 CSLQFDGIHV	10429	10205
>FBXW7-Y54 YSLQFDGIHV	149	>FBXW7-Y54 CSLQFDGIHV	7852	7703
>FBXW7-Y54 YSLQFDGIHV	134	>FBXW7-Y54 CSLQFDGIHV	4969	4835
>FBXW7-Y54 YSLQFDGIHV	163	>FBXW7-Y54 CSLQFDGIHV	753	590
>FBXW7-Y54 YSLQFDGI	263	>FBXW7-Y54 CSLQFDGI	5729	5466
>FBXW7-Y54 YSLQFDGIHV	118	>FBXW7-Y54 CSLQFDGIHV	4353	4235
>FBXW7-Y54 YSLQFDGIHV	78	>FBXW7-Y54 CSLQFDGIHV	1739	1661
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>FBXW7-Y54 YSLQFDGIH	86	>FBXW7-Y54 CSLQFDGIH	2887	2801
>FBXW7-Y54 YSLQFDGIHV	199	>FBXW7-Y54 CSLQFDGIHV	5167	4968
>FBXW7-Y54 YSLQFDGI	215	>FBXW7-Y54 CSLQFDGI	4180	3965
>FBXW7-Y54 YSLQFDGI	33	>FBXW7-Y54 CSLQFDGI	12	21
>FBXW7-Y54 YSLQFDGIHV	1282	>FBXW7-Y54 CSLQFDGIHV	280	1002
>FBXW7-Y54 VYSLQFDGI	17	>FBXW7-Y54 VCSLQFDGI	16036	16019
>FBXW7-Y54 VYSLQFDGIH	472	>FBXW7-Y54 VCSLQFDGIH	25310	24838
>FBXW7-Y54 HTLQGHTNR'	200	>FBXW7-Y54 HTLQGHTNR'	18025	17825
>FBXW7-Y54 HTLQGHTNR'	84	>FBXW7-Y54 HTLQGHTNR'	21574	21490
>FBXW7-Y54 HTLQGHTNR'	20	>FBXW7-Y54 HTLQGHTNR'	13392	13372
>FBXW7-Y54 HTLQGHTNR'	162	>FBXW7-Y54 HTLQGHTNR'	23303	23141
>FBXW7-Y54 HTLQGHTNR'	158	>FBXW7-Y54 HTLQGHTNR'	23817	23659
>FBXW7-Y54 HTLQGHTNR'	226	>FBXW7-Y54 HTLQGHTNR'	16667	16441
>FBXW7-Y54 HTLQGHTNR'	209	>FBXW7-Y54 HTLQGHTNR'	21870	21661

>FBXW7-Y54 HTLQGHTNR'	276	>FBXW7-Y54 HTLQGHTNR'	12344	12068
>FBXW7-Y54 HTLQGHTNR'	5	>FBXW7-Y54 HTLQGHTNR'	3934	3929
>FBXW7-Y54 HTLQGHTNR'	483	>FBXW7-Y54 HTLQGHTNR'	20508	20025
>FBXW7-Y54 HTLQGHTNR'	12	>FBXW7-Y54 HTLQGHTNR'	3884	3872
>FBXW7-Y54 RVYSLQFDGI	173	>FBXW7-Y54 RVCSLQFDGI	1142	969
>FBXW7-Y54 RVYSLQFDGI	113	>FBXW7-Y54 RVCSLQFDGI	722	609
>FBXW7-Y54 RVYSLQFDGI	137	>FBXW7-Y54 RVCSLQFDGI	446	309
>FBXW7-Y54 RVYSLQFDGI	162	>FBXW7-Y54 RVCSLQFDGI	2160	1998
>FBXW7-Y54 RVYSLQFDGI	390	>FBXW7-Y54 RVCSLQFDGI	6369	5979
>FBXW7-Y54 RVYSLQFDGI	24	>FBXW7-Y54 RVCSLQFDGI	135	111
>FBXW7-Y54 RVYSLQFDGI	84	>FBXW7-Y54 RVCSLQFDGI	373	289
>FBXW7-Y54 RVYSLQFDGI	229	>FBXW7-Y54 RVCSLQFDGI	1069	840
>FBXW7-Y54 NRVYSLQF	45	>FBXW7-Y54 NRVCSLQF	42	3
>FBXW7-Y54 TNRVYSLQF	230	>FBXW7-Y54 TNRVCSLQF	363	133
>FBXW7-Y54 TNRVYSLQF	824	>FBXW7-Y54 TNRVCSLQF	489	335
>FBXW7-Y54 HTNRVYSL	320	>FBXW7-Y54 HTNRVCSL	1451	1131
>FBXW7-Y54 HTNRVYSL	208	>FBXW7-Y54 HTNRVCSL	268	60
>FBXW7-Y54 HTNRVYSLQ	439	>FBXW7-Y54 HTNRVCSLQ	2487	2048
>FBXW7-Y54 HTNRVYSL	105	>FBXW7-Y54 HTNRVCSL	287	182
>FBXW7-Y54 HTNRVYSLQF	199	>FBXW7-Y54 HTNRVCSLQF	219	20
>FBXW7-Y54 HTNRVYSLQ	114	>FBXW7-Y54 HTNRVCSLQ	91	23
>FBXW7-Y54 HTNRVYSL	16	>FBXW7-Y54 HTNRVCSL	81	65
>FBXW7-Y54 HTNRVYSL	361	>FBXW7-Y54 HTNRVCSL	1022	661
>FBXW7-Y54 HTNRVYSLQF	257	>FBXW7-Y54 HTNRVCSLQF	261	4
>FBXW7-Y54 HTNRVYSLQF	159	>FBXW7-Y54 HTNRVCSLQF	285	126
>FBXW7-Y54 HTNRVYSL	173	>FBXW7-Y54 HTNRVCSL	118	55
>FBXW7-Y54 HTNRVYSLQF	10	>FBXW7-Y54 HTNRVCSLQF	10	0
>FBXW7-Y54 HTNRVYSLQF	166	>FBXW7-Y54 HTNRVCSLQF	193	27
>FBXW7-Y54 HTNRVYSL	276	>FBXW7-Y54 HTNRVCSL	585	309
>FBXW7-Y54 HTNRVYSLQF	14	>FBXW7-Y54 HTNRVCSLQF	18	4
>FBXW7-Y54 HTNRVYSLQ	140	>FBXW7-Y54 HTNRVCSLQ	76	64
>FBXW7-Y54 HTNRVYSLQF	74	>FBXW7-Y54 HTNRVCSLQF	45	29
>FBXW7-Y54 HTNRVYSLQF	328	>FBXW7-Y54 HTNRVCSLQF	649	321
>FBXW7-Y54 GHTNRVYSLC	400	>FBXW7-Y54 GHTNRVCSLC	443	43
>FBXW7-Y54 GHTNRVYSL	381	>FBXW7-Y54 GHTNRVCSL	1871	1490
>FBXW7-Y54 LQGHTNRVY!	430	>FBXW7-Y54 LQGHTNRVC!	1899	1469
>FBXW7-Y54 LQGHTNRVY!	309	>FBXW7-Y54 LQGHTNRVC!	616	307
>FBXW7-Y54 LQGHTNRVY	299	>FBXW7-Y54 LQGHTNRVC	32789	32490
>FBXW7-Y54 LQGHTNRVY	36	>FBXW7-Y54 LQGHTNRVC	3438	3402
>FBXW7-Y54 LQGHTNRVY!	88	>FBXW7-Y54 LQGHTNRVC!	60	28
>FBXW7-Y54 LQGHTNRVY	238	>FBXW7-Y54 LQGHTNRVC	23893	23655
>FBXW7-Y54 LQGHTNRVY	15	>FBXW7-Y54 LQGHTNRVC	1718	1703
>FBXW7-Y54 LQGHTNRVY!	41	>FBXW7-Y54 LQGHTNRVC!	44	3



>FBXW7-Y54 TLQGHTNRV'	212	>FBXW7-Y54 TLQGHTNRV'	30181	29969
>FBXW7-Y54 TLQGHTNRV'	94	>FBXW7-Y54 TLQGHTNRV'	15901	15807
>FBXW7-Y54 TLQGHTNRV'	40	>FBXW7-Y54 TLQGHTNRV'	14052	14012
>FBXW7_NM HVVSGSLDTS	393	>FBXW7_NM HVVSGSLDTS	4526	4133
>FBXW7_NM HVVSGSLDTS	351	>FBXW7_NM HVVSGSLDTS	16746	16395
>FBXW7_NM HVVSGSLDTS	84	>FBXW7_NM HVVSGSLDTS	2314	2230
>FBXW7_NM TSIRVWDV	42	>FBXW7_NM TSTRVWDV	115	73
>FBXW7_NM DTSIRVWDV	169	>FBXW7_NM DTSTRVWDV	84	85
>FBXW7_NM DTSIRVWDV	296	>FBXW7_NM DTSTRVWDV	366	70
>FBXW7_NM LDTSIRVW	433	>FBXW7_NM LDTSTRVW	609	176
>FBXW7_NM LDTSIRVWDV	176	>FBXW7_NM LDTSTRVWDV	94	82
>FBXW7_NM SLDTSIRV	23	>FBXW7_NM SLDTSTRV	44	21
>FBXW7_NM SLDTSIRVWD	36	>FBXW7_NM SLDTSTRVWI	49	13
>FBXW7_NM SLDTSIRV	81	>FBXW7_NM SLDTSTRV	43	38
>FBXW7_NM SLDTSIRVWD	75	>FBXW7_NM SLDTSTRVWI	76	1
>FBXW7_NM SLDTSIRV	95	>FBXW7_NM SLDTSTRV	42	53
>FBXW7_NM SLDTSIRVWD	63	>FBXW7_NM SLDTSTRVWI	73	10
>FBXW7_NM SLDTSIRV	213	>FBXW7_NM SLDTSTRV	334	121
>FBXW7_NM SLDTSIRVWD	73	>FBXW7_NM SLDTSTRVWI	109	36
>FBXW7_NM SLDTSIRV	3	>FBXW7_NM SLDTSTRV	4	1
>FBXW7_NM SLDTSIRVWD	3	>FBXW7_NM SLDTSTRVWI	4	1
>FBXW7_NM SLDTSIRV	6	>FBXW7_NM SLDTSTRV	10	4
>FBXW7_NM SLDTSIRVWD	6	>FBXW7_NM SLDTSTRVWI	7	1
>FBXW7_NM SLDTSIRV	5	>FBXW7_NM SLDTSTRV	6	1
>FBXW7_NM SLDTSIRVWD	5	>FBXW7_NM SLDTSTRVWI	6	1
>FBXW7_NM SLDTSIRV	17	>FBXW7_NM SLDTSTRV	22	5
>FBXW7_NM SLDTSIRVWD	22	>FBXW7_NM SLDTSTRVWI	21	1
>FBXW7_NM SLDTSIRV	2	>FBXW7_NM SLDTSTRV	3	1
>FBXW7_NM SLDTSIRVWD	2	>FBXW7_NM SLDTSTRVWI	3	1
>FBXW7_NM GSLDTSIRV	179	>FBXW7_NM GSLDTSTRV	439	260
>FBXW7_NM GSLDTSIRV	302	>FBXW7_NM GSLDTSTRV	795	493
>FBXW7_NM GSLDTSIR	277	>FBXW7_NM GSLDTSTR	157	120
>FBXW7_NM GSLDTSIR	906	>FBXW7_NM GSLDTSTR	499	407
>FBXW7_NM GSLDTSIRV	304	>FBXW7_NM GSLDTSTRV	189	115
>FBXW7_NM GSLDTSIRVW	5	>FBXW7_NM GSLDTSTRVW	5	0
>FBXW7_NM GSLDTSIRVW	89	>FBXW7_NM GSLDTSTRVW	87	2
>FBXW7_NM GSLDTSIRVW	30	>FBXW7_NM GSLDTSTRVW	25	5
>FBXW7_NM GSLDTSIRV	378	>FBXW7_NM GSLDTSTRV	70	308
>FBXW7_NM GSLDTSIR	385	>FBXW7_NM GSLDTSTR	440	55
>FBXW7_NM SGSLDTSI	348	>FBXW7_NM SGSLDTST	33128	32780
>FBXW7_NM VSGSLDTSIR	355	>FBXW7_NM VSGSLDTSTR	178	177
>FBXW7_NM VSGSLDTSI	493	>FBXW7_NM VSGSLDTST	3923	3430
>FBXW7_NM VSGSLDTSIRV	1335	>FBXW7_NM VSGSLDTSTRV	396	939

>FBXW7_NM VSGSLDTSI	44	>FBXW7_NM VSGSLDTST	28879	28835
>FBXW7_NM VVSGSLDTSI	322	>FBXW7_NM VVSGSLDTST	2674	2352
>FBXW7_NM VVSGSLDTSIF	127	>FBXW7_NM VVSGSLDTST	83	44
>FBXW7_NM VVSGSLDTSI	355	>FBXW7_NM VVSGSLDTST	31450	31095
>FBXW7_NM RCVQYDGR	60	>FBXW7_NM CCVQYDGR	159	99
>FBXW7_NM RCVQYDGRR	63	>FBXW7_NM CCVQYDGRR	228	165
>FBXW7_NM HVLMGHVAA	20	>FBXW7_NM HVLMGHVAA	14812	14792
>FBXW7_NM HVLMGHVAA	39	>FBXW7_NM HVLMGHVAA	22990	22951
>FBXW7_NM HVLMGHVAA	35	>FBXW7_NM HVLMGHVAA	29286	29251
>FBXW7_NM HVLMGHVAA	143	>FBXW7_NM HVLMGHVAA	36212	36069
>FBXW7_NM AVRCVQYD	350	>FBXW7_NM AVCCVQYD	8921	8571
>FBXW7_NM AVRCVQYDG	247	>FBXW7_NM AVCCVQYDG	10697	10450
>FBXW7_NM AVRCVQYDG	262	>FBXW7_NM AVCCVQYDG	10741	10479
>FBXW7_NM AVRCVQYDG	158	>FBXW7_NM AVCCVQYDG	134	24
>FBXW7_NM AVRCVQYDG	82	>FBXW7_NM AVCCVQYDG	198	116
>FBXW7_NM AVRCVQYDG	516	>FBXW7_NM AVCCVQYDG	161	355
>FBXW7_NM AVRCVQYDG	684	>FBXW7_NM AVCCVQYDG	141	543
>FBXW7_NM AAVRCVQY	410	>FBXW7_NM AAVCCVQY	628	218
>FBXW7_NM AAVRCVQYD	383	>FBXW7_NM AAVCCVQYD	718	335
>FBXW7_NM AAVRCVQYD	501	>FBXW7_NM AAVCCVQYD	416	85
>FBXW7_NM AAVRCVQY	513	>FBXW7_NM AAVCCVQY	345	168
>FBXW7_NM AAVRCVQY	181	>FBXW7_NM AAVCCVQY	96	85
>FBXW7_NM AAVRCVQY	14	>FBXW7_NM AAVCCVQY	15	1
>FBXW7_NM AAVRCVQY	558	>FBXW7_NM AAVCCVQY	113	445
>FBXW7_NM VAAVRCVQY	451	>FBXW7_NM VAAVCCVQY	217	234
>FBXW7_NM VAAVRCVQY	675	>FBXW7_NM VAAVCCVQY	108	567
>FBXW7_NM VAAVRCVQY	833	>FBXW7_NM VAAVCCVQY	257	576
>FBXW7_NM VAAVRCVQY	29	>FBXW7_NM VAAVCCVQY	54	25
>FBXW7_NM VAAVRCVQY	703	>FBXW7_NM VAAVCCVQY	86	617
>FBXW7_NM VAAVRCVQY	766	>FBXW7_NM VAAVCCVQY	266	500
>FBXW7_NM HVAAVRCV	3903	>FBXW7_NM HVAAVCCV	495	3408
>FBXW7_NM HVAAVRCV	294	>FBXW7_NM HVAAVCCV	61	233
>FBXW7_NM HVAAVRCV	398	>FBXW7_NM HVAAVCCV	165	233
>FBXW7_NM HVAAVRCV	1076	>FBXW7_NM HVAAVCCV	102	974
>FBXW7_NM HVAAVRCV	1502	>FBXW7_NM HVAAVCCV	295	1207
>FBXW7_NM HVAAVRCV	531	>FBXW7_NM HVAAVCCV	48	483
>FBXW7_NM HVAAVRCV	3068	>FBXW7_NM HVAAVCCV	178	2890
>FBXW7_NM HVAAVRCV	322	>FBXW7_NM HVAAVCCV	34	288
>FBXW7_NM HVAAVRCVQ	451	>FBXW7_NM HVAAVCCVQ	541	90
>FBXW7_NM HVAAVRCVQ	228	>FBXW7_NM HVAAVCCVQ	189	39
>FBXW7_NM HVAAVRCVQ	142	>FBXW7_NM HVAAVCCVQ	188	46
>FBXW7_NM HVAAVRCVQ	294	>FBXW7_NM HVAAVCCVQ	310	16
>FBXW7_NM HVAAVRCVQ	80	>FBXW7_NM HVAAVCCVQ	140	60

>FBXW7_NM HVAAVRCV	9	>FBXW7_NM HVAAVCCV	7	2
>FBXW7_NM HVAAVRCV	320	>FBXW7_NM HVAAVCCV	97	223
>FBXW7_NM HVAAVRCVQ	373	>FBXW7_NM HVAAVCCVQ	385	12
>FBXW7_NM HVAAVRCVQ	192	>FBXW7_NM HVAAVCCVQ	160	32
>FBXW7_NM HVAAVRCVQ	33	>FBXW7_NM HVAAVCCVQ	35	2
>FBXW7_NM GHVAAVRCV	876	>FBXW7_NM GHVAAVCCV	459	417
>FBXW7_NM MGHVA AVR	252	>FBXW7_NM MGHVA AVC	23674	23422
>FBXW7_NM MGHVA AVR	108	>FBXW7_NM MGHVA AVC	38672	38564
>FBXW7_NM LMGHVA AVR	348	>FBXW7_NM LMGHVA AVC	81	267
>FBXW7_NM LMGHVA AVR	129	>FBXW7_NM LMGHVA AVC	46	83
>FBXW7_NM LMGHVA AVR	48	>FBXW7_NM LMGHVA AVC	34	14
>FBXW7_NM LMGHVA AVR	805	>FBXW7_NM LMGHVA AVC	159	646
>FBXW7_NM LMGHVA AVR	10813	>FBXW7_NM LMGHVA AVC	103	10710
>FBXW7_NM LMGHVA AVR	170	>FBXW7_NM LMGHVA AVC	546	376
>FBXW7_NM LMGHVA AVR	5	>FBXW7_NM LMGHVA AVC	3	2
>FBXW7_NM LMGHVA AVR	18665	>FBXW7_NM LMGHVA AVC	419	18246
>FBXW7_NM LMGHVA AVR	10	>FBXW7_NM LMGHVA AVC	4	6
>FBXW7_NM LMGHVA AVR	14	>FBXW7_NM LMGHVA AVC	7	7
>FBXW7_NM LMGHVA AVR	11	>FBXW7_NM LMGHVA AVC	4	7
>FBXW7_NM LMGHVA AVR	206	>FBXW7_NM LMGHVA AVC	1076	870
>FBXW7_NM LMGHVA AVR	6	>FBXW7_NM LMGHVA AVC	3	3
>FBXW7_NM LMGHVA AVR	85	>FBXW7_NM LMGHVA AVC	20993	20908
>FBXW7_NM LMGHVA AVR	325	>FBXW7_NM LMGHVA AVC	39680	39355
>FBXW7_NM LMGHVA AVR	980	>FBXW7_NM LMGHVA AVC	358	622
>FBXW7_NM VLMGHVA AV	436	>FBXW7_NM VLMGHVA AV	951	515
>FBXW7_NM VLMGHVA AV	2928	>FBXW7_NM VLMGHVA AV	19	2909
>FBXW7_NM VLMGHVA AV	31	>FBXW7_NM VLMGHVA AV	84	53
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>FBXW7_NM VLMGHVA AV	454	>FBXW7_NM VLMGHVA AV	297	157
>FBXW7_NM VLMGHVA AV	9109	>FBXW7_NM VLMGHVA AV	44	9065
>FBXW7_NM VLMGHVA AV	53	>FBXW7_NM VLMGHVA AV	44	9
>FBXW7_NM VLMGHVA AV	2030	>FBXW7_NM VLMGHVA AV	18	2012
>FBXW7_NM VLMGHVA AV	11	>FBXW7_NM VLMGHVA AV	28	17
>FBXW7_NM VLMGHVA AV	195	>FBXW7_NM VLMGHVA AV	19008	18813
>FBXW7_NM VLMGHVA AV	18	>FBXW7_NM VLMGHVA AV	12788	12770
>FBXW7_NM VLMGHVA AV	477	>FBXW7_NM VLMGHVA AV	29577	29100
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>FCRL4-G171YGDENDVF	9026	>FCRL4-G171YVDENDVF	462	8564
>FCRL4-G171YGDENDVFR	7634	>FCRL4-G171YVDENDVFR	428	7206
>FCRL4-G171YGDENDVFR	324	>FCRL4-G171YVDENDVFR	8	316
>FCRL4-G171YGDENDVF	106	>FCRL4-G171YVDENDVF	41	65
>FCRL4-G171YGDENDVFR	438	>FCRL4-G171YVDENDVFR	423	15
>FCRL4-G171GYGDENDVF	152	>FCRL4-G171GYVDENDVF	75	77

>FCRL4-G171GYGDENDVF	13	>FCRL4-G171GYVDENDVF	21	8
>FCRL4-G171GYGDENDVFI	35	>FCRL4-G171GYVDENDVFI	33	2
>FCRL4-G171IGYGDENDVF	136	>FCRL4-G171IGYVDENDVF	161	25
>FCRL4-G171IGYGDENDVF	620	>FCRL4-G171IGYVDENDVF	296	324
>FCRL4-G171IGYGDENDVF	124	>FCRL4-G171IGYVDENDVF	257	133
>FCRL4-L99R LFSSDSL	1251	>FCRL4-L99R RFSSDSL	408	843
>FCRL4-L99R LFSSDSL	512	>FCRL4-L99R RFSSDSL	135	377
>FCRL4-L99R LFSSDSLIL	285	>FCRL4-L99R RFSSDSLIL	78	207
>FCRL4-L99R LLFSSDSL	37	>FCRL4-L99R LRFSSDSL	22402	22365
>FCRL4-L99R LLFSSDSL	58	>FCRL4-L99R LRFSSDSL	22440	22382
>FCRL4-L99R LLFSSDSLIL	77	>FCRL4-L99R LRFSSDSLIL	18524	18447
>FCRL4-L99R LLFSSDSL	7	>FCRL4-L99R LRFSSDSL	3576	3569
>FCRL4-L99R LLFSSDSL	13	>FCRL4-L99R LRFSSDSL	9272	9259
>FCRL4-L99R LLFSSDSLIL	10	>FCRL4-L99R LRFSSDSLIL	3011	3001
>FCRL4-L99R LLFSSDSLILQ	146	>FCRL4-L99R LRFSSDSLILQ	22276	22130
>FCRL4-L99R LLFSSDSL	20	>FCRL4-L99R LRFSSDSL	18316	18296
>FCRL4-L99R LLFSSDSL	13	>FCRL4-L99R LRFSSDSL	16038	16025
>FCRL4-L99R LLFSSDSLIL	32	>FCRL4-L99R LRFSSDSLIL	9811	9779
>FCRL4-L99R LLFSSDSL	181	>FCRL4-L99R LRFSSDSL	16594	16413
>FCRL4-L99R LLFSSDSL	373	>FCRL4-L99R LRFSSDSL	19127	18754
>FCRL4-L99R LLFSSDSLIL	282	>FCRL4-L99R LRFSSDSLIL	8848	8566
>FCRL4-L99R LLFSSDSL	7	>FCRL4-L99R LRFSSDSL	15191	15184
>FCRL4-L99R LLFSSDSL	17	>FCRL4-L99R LRFSSDSL	18355	18338
>FCRL4-L99R LLFSSDSLIL	30	>FCRL4-L99R LRFSSDSLIL	19576	19546
>FCRL4-L99R LLFSSDSL	16	>FCRL4-L99R LRFSSDSL	20113	20097
>FCRL4-L99R LLFSSDSL	56	>FCRL4-L99R LRFSSDSL	22614	22558
>FCRL4-L99R LLFSSDSLIL	28	>FCRL4-L99R LRFSSDSLIL	22741	22713
>FCRL4-L99R LLFSSDSL	17	>FCRL4-L99R LRFSSDSL	20614	20597
>FCRL4-L99R LLFSSDSL	25	>FCRL4-L99R LRFSSDSL	21310	21285
>FCRL4-L99R LLFSSDSLIL	21	>FCRL4-L99R LRFSSDSLIL	20852	20831
>FCRL4-L99R LLFSSDSL	87	>FCRL4-L99R LRFSSDSL	22823	22736
>FCRL4-L99R LLFSSDSLIL	346	>FCRL4-L99R LRFSSDSLIL	23526	23180
>FCRL4-L99R LLFSSDSL	5	>FCRL4-L99R LRFSSDSL	19972	19967
>FCRL4-L99R LLFSSDSL	11	>FCRL4-L99R LRFSSDSL	26550	26539
>FCRL4-L99R LLFSSDSLIL	7	>FCRL4-L99R LRFSSDSLIL	20558	20551
>FCRL4-L99R LLFSSDSLILQ	25	>FCRL4-L99R LRFSSDSLILQ	29626	29601
>FCRL4-L99R LLFSSDSL	97	>FCRL4-L99R LRFSSDSL	12700	12603
>FCRL4-L99R LLFSSDSLIL	163	>FCRL4-L99R LRFSSDSLIL	14263	14100
>FCRL4-L99R LLFSSDSL	33	>FCRL4-L99R LRFSSDSL	21	12
>FCRL4-L99R LLFSSDSL	89	>FCRL4-L99R LRFSSDSL	42	47
>FCRL4-L99R LLFSSDSLIL	26	>FCRL4-L99R LRFSSDSLIL	15	11
>FCRL4-L99R LLFSSDSL	22271	>FCRL4-L99R LRFSSDSL	175	22096
>FCRL4-L99R LLFSSDSL	19784	>FCRL4-L99R LRFSSDSL	158	19626

>FCRL4-L99R LLFSSDSLIL	22714	>FCRL4-L99R LRFSSDSLIL	46	22668
>FCRL4-L99R LLFSSDSL	4145	>FCRL4-L99R LRFSSDSL	205	3940
>FCRL4-L99R LLFSSDSLIL	1760	>FCRL4-L99R LRFSSDSLIL	92	1668
>FCRL4-L99R LLFSSDSL	46	>FCRL4-L99R LRFSSDSL	152	106
>FCRL4-L99R LLFSSDSLIL	28291	>FCRL4-L99R LRFSSDSLIL	399	27892
>FCRL4-L99R LLFSSDSL	7564	>FCRL4-L99R LRFSSDSL	222	7342
>FCRL4-L99R LLFSSDSL	2161	>FCRL4-L99R LRFSSDSL	80	2081
>FCRL4-L99R LLFSSDSL	80	>FCRL4-L99R LRFSSDSL	94	14
>FCRL4-L99R GSPRSNPVRL	469	>FCRL4-L99R GSPRSNPVRL	7845	7376
>FCRL4-L99R GSPRSNPVRL	5	>FCRL4-L99R GSPRSNPVRL	1542	1537
>FCRL4-L99R RLLFSSDSL	137	>FCRL4-L99R RLLFSSDSL	8386	8249
>FCRL4-L99R RLLFSSDSL	160	>FCRL4-L99R RLLFSSDSL	4414	4254
>FCRL4-L99R RLLFSSDSLIL	137	>FCRL4-L99R RLLFSSDSLIL	6653	6516
>FCRL4-L99R RLLFSSDSL	35	>FCRL4-L99R RLLFSSDSL	133	98
>FCRL4-L99R RLLFSSDSL	46	>FCRL4-L99R RLLFSSDSL	177	131
>FCRL4-L99R RLLFSSDSLIL	194	>FCRL4-L99R RLLFSSDSLIL	672	478
>FCRL4-L99R RLLFSSDSL	138	>FCRL4-L99R RLLFSSDSL	66	72
>FCRL4-L99R RLLFSSDSL	136	>FCRL4-L99R RLLFSSDSL	380	244
>FCRL4-L99R RLLFSSDSLIL	295	>FCRL4-L99R RLLFSSDSLIL	146	149
>FCRL4-L99R RLLFSSDSL	171	>FCRL4-L99R RLLFSSDSL	4420	4249
>FCRL4-L99R RLLFSSDSLIL	257	>FCRL4-L99R RLLFSSDSLIL	7693	7436
>FCRL4-L99R RLLFSSDSL	12	>FCRL4-L99R RLLFSSDSL	685	673
>FCRL4-L99R RLLFSSDSL	26	>FCRL4-L99R RLLFSSDSL	1327	1301
>FCRL4-L99R RLLFSSDSLIL	43	>FCRL4-L99R RLLFSSDSLIL	2266	2223
>FCRL4-L99R RLLFSSDSL	13	>FCRL4-L99R RLLFSSDSL	689	676
>FCRL4-L99R RLLFSSDSL	31	>FCRL4-L99R RLLFSSDSL	2153	2122
>FCRL4-L99R RLLFSSDSLIL	19	>FCRL4-L99R RLLFSSDSLIL	1164	1145
>FCRL4-L99R RLLFSSDSL	30	>FCRL4-L99R RLLFSSDSL	3986	3956
>FCRL4-L99R RLLFSSDSL	50	>FCRL4-L99R RLLFSSDSL	5758	5708
>FCRL4-L99R RLLFSSDSLIL	37	>FCRL4-L99R RLLFSSDSLIL	4421	4384
>FCRL4-L99R RLLFSSDSL	18	>FCRL4-L99R RLLFSSDSL	2887	2869
>FCRL4-L99R RLLFSSDSL	166	>FCRL4-L99R RLLFSSDSL	11457	11291
>FCRL4-L99R RLLFSSDSLIL	50	>FCRL4-L99R RLLFSSDSLIL	8085	8035
>FCRL4-L99R RLLFSSDSL	46	>FCRL4-L99R RLLFSSDSL	153	107
>FCRL4-L99R RLLFSSDSL	119	>FCRL4-L99R RLLFSSDSL	484	365
>FCRL4-L99R RLLFSSDSLIL	58	>FCRL4-L99R RLLFSSDSLIL	191	133
>FCRL4-L99R RLLFSSDSL	6780	>FCRL4-L99R RLLFSSDSL	118	6662
>FCRL4-L99R RLLFSSDSL	1762	>FCRL4-L99R RLLFSSDSL	19	1743
>FCRL4-L99R RLLFSSDSL	558	>FCRL4-L99R RLLFSSDSL	11	547
>FCRL4-L99R RLLFSSDSLIL	912	>FCRL4-L99R RLLFSSDSLIL	14	898
>FCRL4-L99R RLLFSSDSL	23	>FCRL4-L99R RLLFSSDSL	224	201
>FCRL4-L99R RLLFSSDSL	138	>FCRL4-L99R RLLFSSDSL	1507	1369
>FCRL4-L99R RLLFSSDSLIL	52	>FCRL4-L99R RLLFSSDSLIL	597	545

>FCRL4-L99R RLLFSSDSL	4588	>FCRL4-L99R RRLFSSDSL	80	4508
>FCRL4-L99R RLLFSSDSLIL	9067	>FCRL4-L99R RRLFSSDSLIL	262	8805
>FCRL4-L99R RLLFSSDSL	505	>FCRL4-L99R RRLFSSDSL	93	412
>FCRL4-L99R RLLFSSDSLIL	1126	>FCRL4-L99R RRLFSSDSLIL	179	947
>FCRL4-L99R RLLFSSDSL	215	>FCRL4-L99R RRLFSSDSL	112	103
>FCRL4-L99R RLLFSSDSL	740	>FCRL4-L99R RRLFSSDSL	465	275
>FCRL4-L99R RLLFSSDSLIL	161	>FCRL4-L99R RRLFSSDSLIL	93	68
>FCRL4-L99R RLLFSSDSL	518	>FCRL4-L99R RRLFSSDSL	155	363
>FCRL4-L99R RLLFSSDSLIL	869	>FCRL4-L99R RRLFSSDSLIL	322	547
>FCRL4-L99R VRLLFSSDSL	242	>FCRL4-L99R VRLFSSDSL	312	70
>FCRL4-L99R VRLLFSSDSL	312	>FCRL4-L99R VRLFSSDSL	122	190
>FCRL4-L99R VRLLFSSDSL	529	>FCRL4-L99R VRLFSSDSL	215	314
>FCRL4-L99R VRLLFSSDSL	247	>FCRL4-L99R VRLFSSDSL	365	118
>FCRL4-L99R VRLLFSSDSL	454	>FCRL4-L99R VRLFSSDSL	303	151
>FCRL4-L99R VRLLFSSDSL	407	>FCRL4-L99R VRLFSSDSL	305	102
>FCRL4-L99R PVRLLFSSDSL	2974	>FCRL4-L99R PVRLFSSDSL	453	2521
>FCRL4-L99R NPVRLLFSS	465	>FCRL4-L99R NPVRLFSS	1259	794
>FCRL4-L99R RSNPVRL	12752	>FCRL4-L99R RSNPVRL	358	12394
>FCRL4-L99R RSNPVRL	14583	>FCRL4-L99R RSNPVRL	151	14432
>FCRL4-L99R RSNPVRL	185	>FCRL4-L99R RSNPVRL	304	119
>FCRL4-L99R RSNPVRL	402	>FCRL4-L99R RSNPVRL	1156	754
>FCRL4-L99R RSNPVRL	53	>FCRL4-L99R RSNPVRL	127	74
>FCRL4-L99R RSNPVRL	271	>FCRL4-L99R RSNPVRL	177	94
>FCRL4-L99R RSNPVRL	2187	>FCRL4-L99R RSNPVRL	9	2178
>FCRL4-L99R RSNPVRL	103	>FCRL4-L99R RSNPVRL	95	8
>FCRL4-L99R RSNPVRL	34013	>FCRL4-L99R RSNPVRL	403	33610
>FCRL4-L99R RSNPVRL	210	>FCRL4-L99R RSNPVRL	176	34
>FCRL4-L99R RSNPVRL	65	>FCRL4-L99R RSNPVRL	87	22
>FCRL4-L99R RSNPVRL	14	>FCRL4-L99R RSNPVRL	7384	7370
>FCRL4-L99R RSNPVRL	4	>FCRL4-L99R RSNPVRL	3	1
>FCRL4-L99R RSNPVRL	260	>FCRL4-L99R RSNPVRL	6986	6726
>FCRL4-L99R RSNPVRL	40	>FCRL4-L99R RSNPVRL	40	0
>FCRL4-L99R RSNPVRL	57	>FCRL4-L99R RSNPVRL	10607	10550
>FCRL4-L99R RSNPVRL	8	>FCRL4-L99R RSNPVRL	8	0
>FCRL4-L99R RSNPVRL	201	>FCRL4-L99R RSNPVRL	2399	2198
>FCRL4-L99R RSNPVRL	108	>FCRL4-L99R RSNPVRL	2393	2285
>FCRL4-L99R RSNPVRL	16	>FCRL4-L99R RSNPVRL	31	15
>FCRL4-L99R RSNPVRL	100	>FCRL4-L99R RSNPVRL	31332	31232
>FCRL4-L99R PRSNPVRL	373	>FCRL4-L99R PRSNPVRL	503	130
>FCRL4-L99R PRSNPVRL	190	>FCRL4-L99R PRSNPVRL	5876	5686
>FCRL4-L99R SPRSNPVRL	279	>FCRL4-L99R SPRSNPVRL	167	112
>FCRL4-L99R SPRSNPVRL	75	>FCRL4-L99R SPRSNPVRL	3871	3796
>FCRL4-L99R SPRSNPVRL	27	>FCRL4-L99R SPRSNPVRL	20	7

>FCRL4-L99R SPRSNPVRLLI	288	>FCRL4-L99R SPRSNPVRLR	403	115
>FCRL4-L99R SPRSNPVRLLI	300	>FCRL4-L99R SPRSNPVRLR	519	219
>FGFR1-G31!GVNTTDKEM	491	>FGFR1-G31!EVNTTDKEM	5891	5400
>FGFR1-G31!GVNTTDKEM	360	>FGFR1-G31!EVNTTDKEM	3919	3559
>FGFR1-G31!GVNTTDKEM	93	>FGFR1-G31!EVNTTDKEM	659	566
>FGFR1-G31!GVNTTDKEM	14630	>FGFR1-G31!EVNTTDKEM	176	14454
>FGFR1-G31!GVNTTDKEM	3853	>FGFR1-G31!EVNTTDKEM	17	3836
>FGFR1-G31!GVNTTDKEM	9530	>FGFR1-G31!EVNTTDKEM	256	9274
>FGFR1-G31!AGVNTTDKEI	28447	>FGFR1-G31!AEVNTTDKEN	45	28402
>FGFR1-G31!LPYVQILKTAC	382	>FGFR1-G31!LPYVQILKTAE	595	213
>FGFR1-G31!LPYVQILKTAC	73	>FGFR1-G31!LPYVQILKTAE	193	120
>FGFR1-G31!TAGVNTTDK	527	>FGFR1-G31!TAEVNTTDK	338	189
>FGFR1-G31!KTAGVNTTDI	73	>FGFR1-G31!KTAEVNTTDK	248	175
>FGFR1-G31!KTAGVNTTDI	57	>FGFR1-G31!KTAEVNTTDK	88	31
>FGFR1-G31!KTAGVNTTDI	195	>FGFR1-G31!KTAEVNTTDK	218	23
>FGFR1-G31!KTAGVNTT	213	>FGFR1-G31!KTAEVNTT	447	234
>FGFR1-G31!KTAGVNTTD	163	>FGFR1-G31!KTAEVNTTD	311	148
>FGFR1-G31!KTAGVNTTDI	107	>FGFR1-G31!KTAEVNTTDK	213	106
>FGFR1-G31!ILKTAGVNTT	168	>FGFR1-G31!ILKTAEVNTT	292	124
>FGFR1-G31!QILKTAGV	979	>FGFR1-G31!QILKTAEV	466	513
>FGFR1-G31!QILKTAGV	344	>FGFR1-G31!QILKTAEV	554	210
>FGFR1-G31!QILKTAGV	70	>FGFR1-G31!QILKTAEV	56	14
>FGFR1-G31!QILKTAGV	53	>FGFR1-G31!QILKTAEV	44	9
>FGFR1-G31!QILKTAGV	223	>FGFR1-G31!QILKTAEV	304	81
>FGFR1-G31!QILKTAGV	133	>FGFR1-G31!QILKTAEV	102	31
>FGFR1-G31!QILKTAGV	56	>FGFR1-G31!QILKTAEV	67	11
>FGFR1-G31!QILKTAGV	48	>FGFR1-G31!QILKTAEV	28	20
>FGFR1-G31!QILKTAGV	521	>FGFR1-G31!QILKTAEV	389	132
>FGFR1-G31!QILKTAGV	13	>FGFR1-G31!QILKTAEV	19	6
>FGFR1-G31!VQILKTAGV	426	>FGFR1-G31!VQILKTAEV	181	245
>FGFR1-G31!VQILKTAGV	527	>FGFR1-G31!VQILKTAEV	206	321
>FGFR1-G31!VQILKTAGV	19	>FGFR1-G31!VQILKTAEV	27	8
>FGFR1-G31!VQILKTAGV	8	>FGFR1-G31!VQILKTAEV	9	1
>FGFR1-G31!VQILKTAGV	422	>FGFR1-G31!VQILKTAEV	478	56
>FGFR1-G31!VQILKTAGV	74	>FGFR1-G31!VQILKTAEV	147	73
>FGFR1-G31!YVQILKTAGV	53	>FGFR1-G31!YVQILKTAEV	73	20
>FGFR1-G31!YVQILKTAGV	82	>FGFR1-G31!YVQILKTAEV	109	27
>FGFR1-G31!YVQILKTAGV	44	>FGFR1-G31!YVQILKTAEV	48	4
>FGFR1-G31!YVQILKTAGV	72	>FGFR1-G31!YVQILKTAEV	113	41
>FGFR1-G31!YVQILKTAGV	229	>FGFR1-G31!YVQILKTAEV	192	37
>FGFR1-G31!YVQILKTAGV	149	>FGFR1-G31!YVQILKTAEV	286	137
>FGFR1-G31!YVQILKTAGV	5	>FGFR1-G31!YVQILKTAEV	5	0
>FGFR1-G31!YVQILKTAGV	308	>FGFR1-G31!YVQILKTAEV	305	3

>FGFR1-G31!YVQILKTAGV	100	>FGFR1-G31!YVQILKTAEV	192	92
>FGFR1-G70IGVQLAESNR	881	>FGFR1-G70IRVQLAESNR	46	835
>FGFR1-G70IGVQLAESNR†	1072	>FGFR1-G70IRVQLAESNR†	52	1020
>FGFR1-G70IDVQSINWLRI	18810	>FGFR1-G70IDVQSINWLRI	27	18783
>FGFR1-G70IDVQSINWLRI	30215	>FGFR1-G70IDVQSINWLRI	65	30150
>FGFR1-G70IWLRDGVQL	72	>FGFR1-G70IWLRDRVQL	100	28
>FGFR1-G70IWLRDGVQLA	107	>FGFR1-G70IWLRDRVQLA	116	9
>FGFR1-G70IWLRDGVQL	32	>FGFR1-G70IWLRDRVQL	68	36
>FGFR1-G70IWLRDGVQLA	6	>FGFR1-G70IWLRDRVQLA	8	2
>FGFR1-G70IWLRDGVQLA	217	>FGFR1-G70IWLRDRVQLA	296	79
>FGFR1-G70IWLRDGVQLA	491	>FGFR1-G70IWLRDRVQLA	1743	1252
>FGFR1-G70IWLRDGVQL	20	>FGFR1-G70IWLRDRVQL	85	65
>FGFR1-G70IWLRDGVQLA	35	>FGFR1-G70IWLRDRVQLA	110	75
>FGFR1-G70IWLRDGVQL	236	>FGFR1-G70IWLRDRVQL	929	693
>FGFR1-G70IWLRDGVQL	97	>FGFR1-G70IWLRDRVQL	484	387
>FGFR1-G70IWLRDGVQLA	200	>FGFR1-G70IWLRDRVQLA	817	617
>FGFR1-G70IWLRDGVQL	84	>FGFR1-G70IWLRDRVQL	590	506
>FGFR1-G70IWLRDGVQLA	313	>FGFR1-G70IWLRDRVQLA	2476	2163
>FGFR1-G70IWLRDGVQL	3	>FGFR1-G70IWLRDRVQL	3	0
>FGFR1-G70IWLRDGVQLA	3	>FGFR1-G70IWLRDRVQLA	4	1
>FGFR1-G70IWLRDGVQLA	67	>FGFR1-G70IWLRDRVQLA	103	36
>FGFR1-G70IWLRDGVQL	4943	>FGFR1-G70IWLRDRVQL	107	4836
>FGFR1-G70IWLRDGVQL	434	>FGFR1-G70IWLRDRVQL	1162	728
>FGFR1-G70INWLRDGVQL	63	>FGFR1-G70INWLRDRVQL	58	5
>FGFR1-G70INWLRDGVQL	653	>FGFR1-G70INWLRDRVQL	398	255
>FGFR1-G70ISINWLRDGV	290	>FGFR1-G70ISINWLRDRV	548	258
>FGFR1-G70ISINWLRDGV	123	>FGFR1-G70ISINWLRDRV	376	253
>FGFR1-G70ISINWLRDGV	364	>FGFR1-G70ISINWLRDRV	2063	1699
>FGFR1-G70ISINWLRDGV	37	>FGFR1-G70ISINWLRDRV	59	22
>FGFR1-G70ISINWLRDGV(	266	>FGFR1-G70ISINWLRDRV(	798	532
>FGFR1-G70ISINWLRDGV	43	>FGFR1-G70ISINWLRDRV	96	53
>FGFR1-G70ISINWLRDGV(	357	>FGFR1-G70ISINWLRDRV(	1155	798
>FGFR1-G70ISINWLRDGV	14	>FGFR1-G70ISINWLRDRV	14	0
>FGFR1-G70ISINWLRDGV(	77	>FGFR1-G70ISINWLRDRV(	67	10
>FGFR1-G70ISINWLRDGV	21265	>FGFR1-G70ISINWLRDR	114	21151
>FGFR1-G70ISINWLRDGV(	620	>FGFR1-G70ISINWLRDRV(	490	130
>FGFR1-G70ISINWLRDGV	37082	>FGFR1-G70ISINWLRDR	174	36908
>FGFR1-G70ISINWLRDGV	39	>FGFR1-G70ISINWLRDRV	64	25
>FGFR1-G70ISINWLRDGV	105	>FGFR1-G70ISINWLRDRV	584	479
>FGFR1-G70IQSINWLRDGV	476	>FGFR1-G70IQSINWLRDR\	1382	906
>FGFR1-G70IQSINWLRDGV	41462	>FGFR1-G70IQSINWLRDR	447	41015
>FGFR1-G70IQSINWLRDGV	101	>FGFR1-G70IQSINWLRDR\	122	21
>FGFR1-G70IQSINWLRDGV	213	>FGFR1-G70IQSINWLRDR\	801	588



>FGFR1-G70IQSINWLRDG	11971	>FGFR1-G70IQSINWLRDR	159	11812
>FGFR1-G70IVQSINWLRDI	60	>FGFR1-G70IVQSINWLRDI	204	144
>FGFR1-G70IVQSINWLRDI	470	>FGFR1-G70IVQSINWLRDI	656	186
>FGFR1-G70IVQSINWLRDI	28805	>FGFR1-G70IVQSINWLRDI	142	28663
>FGFR1-K65€KTTNGRLPV	136	>FGFR1-K65€ETTNGRLPV	4836	4700
>FGFR1-K65€KTTNGRLPV	349	>FGFR1-K65€ETTNGRLPV	3316	2967
>FGFR1-K65€KTTNGRLPVK	62	>FGFR1-K65€ETTNGRLPVK	1205	1143
>FGFR1-K65€KTTNGRLPVK	25	>FGFR1-K65€ETTNGRLPVK	108	83
>FGFR1-K65€KTTNGRLPV	22	>FGFR1-K65€ETTNGRLPV	10519	10497
>FGFR1-K65€KTTNGRLPVK	6	>FGFR1-K65€ETTNGRLPVK	3960	3954
>FGFR1-K65€KTTNGRLPV	209	>FGFR1-K65€ETTNGRLPV	5423	5214
>FGFR1-K65€KTTNGRLPVK	28	>FGFR1-K65€ETTNGRLPVK	1300	1272
>FGFR1-K65€KTTNGRLPVK	2921	>FGFR1-K65€ETTNGRLPVK	84	2837
>FGFR1-K65€KTTNGRLPV	578	>FGFR1-K65€ETTNGRLPV	9	569
>FGFR1-K65€KTTNGRLPV	1438	>FGFR1-K65€ETTNGRLPV	11	1427
>FGFR1-K65€KTTNGRLPV	141	>FGFR1-K65€ETTNGRLPV	6261	6120
>FGFR1-K65€KTTNGRLPVK	15	>FGFR1-K65€ETTNGRLPVK	63	48
>FGFR1-K65€KTTNGRLPVK	47	>FGFR1-K65€ETTNGRLPVK	576	529
>FGFR1-K65€KTTNGRLPVK	13	>FGFR1-K65€ETTNGRLPVK	223	210
>FGFR1-K65€KTTNGRLPVK	332	>FGFR1-K65€ETTNGRLPVK	4077	3745
>FGFR1-K65€KTTNGRL	24861	>FGFR1-K65€KETTNGRL	109	24752
>FGFR1-K65€KTTNGRLPV	12161	>FGFR1-K65€KETTNGRLPV	386	11775
>FGFR1-K65€KTTNGRL	450	>FGFR1-K65€KETTNGRL	7508	7058
>FGFR1-K65€KTTNGRLPV	56	>FGFR1-K65€KETTNGRLPV	2557	2501
>FGFR1-K65€KTTNGRL	17650	>FGFR1-K65€KETTNGRL	46	17604
>FGFR1-K65€YKTTNGR	289	>FGFR1-K65€YKETTNGR	5367	5078
>FGFR1-K65€YKTTNGRL	154	>FGFR1-K65€YKETTNGRL	2906	2752
>FGFR1-K65€YKTTNGRLP	28	>FGFR1-K65€YKETTNGRLP	435	407
>FGFR1-K65€YKTTNGRL	6299	>FGFR1-K65€YKETTNGRL	355	5944
>FGFR1-K65€YKTTNGRLP	4446	>FGFR1-K65€YKETTNGRLP	220	4226
>FGFR1-K65€YKTTNGRL	12	>FGFR1-K65€YKETTNGRL	29	17
>FGFR1-K65€YKTTNGRL	374	>FGFR1-K65€YKETTNGRL	632	258
>FGFR1-K65€YKTTNGRL	158	>FGFR1-K65€YKETTNGRL	314	156
>FGFR1-K65€YKTTNGRL	12	>FGFR1-K65€YKETTNGRL	15	3
>FGFR1-K65€YKTTNGR	104	>FGFR1-K65€YKETTNGR	168	64
>FGFR1-K65€YKTTNGR	105	>FGFR1-K65€YKETTNGR	51	54
>FGFR1-K65€YKTTNGR	162	>FGFR1-K65€YKETTNGR	134	28
>FGFR1-K65€YKTTNGR	35	>FGFR1-K65€YKETTNGR	46	11
>FGFR1-K65€DYYKTTNGF	262	>FGFR1-K65€DYYKETTNGF	586	324
>FGFR1-K65€DYYKTTNGF	702	>FGFR1-K65€DYYKETTNGF	452	250
>FGFR1-K65€DYYKTTNGF	224	>FGFR1-K65€DYYKETTNGF	828	604
>FGFR1-K65€DYYKTTNGF	149	>FGFR1-K65€DYYKETTNGF	283	134
>FGFR1-K65€DYYKTTNGF	25	>FGFR1-K65€DYYKETTNGF	24	1

>FGFR1-K65E DIHHIDYYKK	162	>FGFR1-K65E DIHHIDYYKE	25218	25056
>FGFR1-N54I NLLGACTQ	2004	>FGFR1-N54I KLLGACTQ	334	1670
>FGFR1-N54I NLLGACTQ	2018	>FGFR1-N54I KLLGACTQ	194	1824
>FGFR1-N54I NLLGACTQ	174	>FGFR1-N54I KLLGACTQ	30	144
>FGFR1-N54I KMIGKHKNIII	16131	>FGFR1-N54I KMIGKHKNIII	66	16065
>FGFR1-N54I KMIGKHKNIII	20887	>FGFR1-N54I KMIGKHKNIII	72	20815
>FGFR1-N54I KMIGKHKNIII	9167	>FGFR1-N54I KMIGKHKNIII	25	9142
>FGFR1-N54I KMIGKHKNIII	9173	>FGFR1-N54I KMIGKHKNIII	92	9081
>FGFR1-N54I KMIGKHKNIII	11157	>FGFR1-N54I KMIGKHKNIII	246	10911
>FGFR1-N54I NIINLLGA	93	>FGFR1-N54I NIIKLLGA	183	90
>FGFR1-N54I NIINLLGA	84	>FGFR1-N54I NIIKLLGA	187	103
>FGFR1-N54I NIINLLGA	495	>FGFR1-N54I NIIKLLGA	809	314
>FGFR1-N54I KHKNIINL	440	>FGFR1-N54I KHKNIIKL	884	444
>FGFR1-N54I GKHKNIINL	121	>FGFR1-N54I GKHKNIIKL	276	155
>FGFR1-N54I GKHKNIINLL	313	>FGFR1-N54I GKHKNIIKLL	354	41
>FGFR1-N54I GKHKNIINL	469	>FGFR1-N54I GKHKNIIKL	547	78
>FGFR1-N54I IGKHKNIIN	9109	>FGFR1-N54I IGKHKNIIK	37	9072
>FGFR1-N54I MIGKHKNIIN	401	>FGFR1-N54I MIGKHKNIIKI	715	314
>FGFR1-N54I MIGKHKNIIN	239	>FGFR1-N54I MIGKHKNIIKI	226	13
>FGFR1-N54I MIGKHKNIIN	26325	>FGFR1-N54I MIGKHKNIIK	149	26176
>FGFR1-N54I MIGKHKNIIN	35227	>FGFR1-N54I MIGKHKNIIK	342	34885
>FGFR1-N54I MIGKHKNIIN	14648	>FGFR1-N54I MIGKHKNIIK	323	14325
>FGFR1-P252 PHRPILQAGL	1023	>FGFR1-P252 THRPILQAGL	338	685
>FGFR1-P252 SPHRPILQAG	197	>FGFR1-P252 STHRPILQAG	34075	33878
>FGFR1-P252 SPHRPILQAG	15917	>FGFR1-P252 STHRPILQAG	448	15469
>FGFR1-P252 SPHRPILQAG	12975	>FGFR1-P252 STHRPILQAG	229	12746
>FGFR1-P252 SPHRPILQ	16807	>FGFR1-P252 STHRPILQ	139	16668
>FGFR1-P252 SPHRPILQA	15006	>FGFR1-P252 STHRPILQA	21	14985
>FGFR1-P252 SPHRPILQAG	17804	>FGFR1-P252 STHRPILQAG	265	17539
>FGFR1-P252 SPHRPILQAG	16663	>FGFR1-P252 STHRPILQAG	108	16555
>FGFR1-P252 SPHRPILQAG	12056	>FGFR1-P252 STHRPILQAG	70	11986
>FGFR1-P252 SPHRPILQA	300	>FGFR1-P252 STHRPILQA	22238	21938
>FGFR1-P252 SPHRPILQAG	68	>FGFR1-P252 STHRPILQAG	13402	13334
>FGFR1-P252 SPHRPILQAG	15603	>FGFR1-P252 STHRPILQAG	16	15587
>FGFR1-P252 SPHRPILQA	465	>FGFR1-P252 STHRPILQA	31678	31213
>FGFR1-P252 SPHRPILQAG	14314	>FGFR1-P252 STHRPILQAG	481	13833
>FGFR1-P252 SPHRPILQAG	9207	>FGFR1-P252 STHRPILQAG	219	8988
>FGFR1-P252 RSPHRPIL	1162	>FGFR1-P252 RSTHRPIL	217	945
>FGFR1-P252 RSPHRPILQA	662	>FGFR1-P252 RSTHRPILQA	116	546
>FGFR1-P252 RSPHRPIL	1426	>FGFR1-P252 RSTHRPIL	468	958
>FGFR1-P252 RSPHRPIL	265	>FGFR1-P252 RSTHRPIL	14	251
>FGFR1-P252 RSPHRPIL	13742	>FGFR1-P252 RSTHRPIL	234	13508
>FGFR1-P252 RSPHRPIL	278	>FGFR1-P252 RSTHRPIL	19680	19402

>FGFR1-P252RSPHRPIL	1010	>FGFR1-P252RSTHRPIL	65	945
>FGFR1-P252RSPHRPILQA	1905	>FGFR1-P252RSTHRPILQA	445	1460
>FGFR1-P252RSPHRPIL	273	>FGFR1-P252RSTHRPIL	248	25
>FGFR1-P252ERSPHRPIL	105	>FGFR1-P252ERSTHRPIL	78	27
>FGFR1-P252ERSPHRPIL	469	>FGFR1-P252ERSTHRPIL	323	146
>FGFR1-P252ERSPHRPIL	59	>FGFR1-P252ERSTHRPIL	125	66
>FGFR1-P252VERSPHRPI	2409	>FGFR1-P252VERSTHRPI	222	2187
>FGFR1-P252VERSPHRPI	319	>FGFR1-P252VERSTHRPI	184	135
>FGFR1-P252VERSPHRPIL	386	>FGFR1-P252VERSTHRPIL	273	113
>FGFR1-P252VERSPHRPI	434	>FGFR1-P252VERSTHRPI	149	285
>FGFR1-P252VERSPHRPI	197	>FGFR1-P252VERSTHRPI	236	39
>FGFR1-P252VERSPHRPIL	272	>FGFR1-P252VERSTHRPIL	113	159
>FGFR1-P252VVERSPHR	255	>FGFR1-P252VVERSTHR	121	134
>FGFR1-P252VVERSPHR	668	>FGFR1-P252VVERSTHR	322	346
>FGFR1-P252DVVERSPH	382	>FGFR1-P252DVVERSTH	1026	644
>FGFR1-P252DVVERSPH	338	>FGFR1-P252DVVERSTH	774	436
>FGFR1-P252DVVERSPHRF	365	>FGFR1-P252DVVERSTHRF	858	493
>FGFR1-P252DVVERSPHR	41	>FGFR1-P252DVVERSTHR	18	23
>FGFR1-P252DVVERSPHR	28	>FGFR1-P252DVVERSTHR	19	9
>FGFR1-P252DVVERSPHRF	202	>FGFR1-P252DVVERSTHRF	180	22
>FGFR1-P252DVVERSPHRF	65	>FGFR1-P252DVVERSTHRF	126	61
>FGFR1-P252YQLDVVERSP	8648	>FGFR1-P252YQLDVVERST	313	8335
>FGFR1-P252YQLDVVERSP	2493	>FGFR1-P252YQLDVVERST	160	2333
>FGFR1-P252YQLDVVERSP	346	>FGFR1-P252YQLDVVERST	918	572
>FGFR1-P252YQLDVVERSP	101	>FGFR1-P252YQLDVVERST	141	40
>FGFR1-R576RRPPGLEY	138	>FGFR1-R576WRPPGLEY	398	260
>FGFR1-R576RRPPGLEYCY	40	>FGFR1-R576WRPPGLEYC	146	106
>FGFR1-R576RRPPGLEY	480	>FGFR1-R576WRPPGLEY	11183	10703
>FGFR1-R576RRPPGLEYC	329	>FGFR1-R576WRPPGLEYC	1739	1410
>FGFR1-R576ARRPPGLEY	861	>FGFR1-R576AWRPPGLEY	29	832
>FGFR1-R576ARRPPGLEYC	2476	>FGFR1-R576AWRPPGLEYC	91	2385
>FGFR1-R576ARRPPGLEY	3472	>FGFR1-R576AWRPPGLEY	442	3030
>FGFR1-R576ARRPPGLEYC	2146	>FGFR1-R576AWRPPGLEYC	364	1782
>FGFR1-R576ARRPPGLEY	8	>FGFR1-R576AWRPPGLEY	384	376
>FGFR1-R576ARRPPGLEYC	40	>FGFR1-R576AWRPPGLEYC	1190	1150
>FGFR1-R576ARRPPGLEY	318	>FGFR1-R576AWRPPGLEY	16795	16477
>FGFR1-R576ARRPPGLEY	433	>FGFR1-R576AWRPPGLEY	26214	25781
>FGFR1-R576KGNLREYLQA	26	>FGFR1-R576KGNLREYLQA	16924	16898
>FGFR1-R576KGNLREYLQA	24677	>FGFR1-R576KGNLREYLQA	301	24376
>FGFR1-R576KGNLREYLQA	21863	>FGFR1-R576KGNLREYLQA	92	21771
>FGFR1-R576KGNLREYLQA	215	>FGFR1-R576KGNLREYLQA	29833	29618
>FGFR1-R576QARRPPGL	197	>FGFR1-R576QAWRPPGL	12250	12053
>FGFR1-R576QARRPPGLEY	368	>FGFR1-R576QAWRPPGLE	13147	12779

>FGFR1-R57€QARRPPGLE	1617	>FGFR1-R57€QAWRPPGLE	285	1332
>FGFR1-R57€QARRPPGL	7985	>FGFR1-R57€QAWRPPGL	123	7862
>FGFR1-R57€QARRPPGLE	823	>FGFR1-R57€QAWRPPGLE	189	634
>FGFR1-R57€QARRPPGLE	472	>FGFR1-R57€QAWRPPGLE	553	81
>FGFR1-R57€QARRPPGLE	159	>FGFR1-R57€QAWRPPGLE	83	76
>FGFR1-R57€QARRPPGL	209	>FGFR1-R57€QAWRPPGL	242	33
>FGFR1-R57€QARRPPGLE	26	>FGFR1-R57€QAWRPPGLE	29	3
>FGFR1-R57€LQARRPPGL	2470	>FGFR1-R57€LQAWRPPGL	328	2142
>FGFR1-R57€LQARRPPGL	915	>FGFR1-R57€LQAWRPPGL	356	559
>FGFR1-R57€LQARRPPGL	156	>FGFR1-R57€LQAWRPPGL	34	122
>FGFR1-R57€LQARRPPGL	1987	>FGFR1-R57€LQAWRPPGL	181	1806
>FGFR1-R57€LQARRPPGLE	195	>FGFR1-R57€LQAWRPPGL	55	140
>FGFR1-R57€LQARRPPGLE	564	>FGFR1-R57€LQAWRPPGL	159	405
>FGFR1-R57€LQARRPPGLE	248	>FGFR1-R57€LQAWRPPGL	655	407
>FGFR1-R57€LQARRPPGLE	57	>FGFR1-R57€LQAWRPPGL	73	16
>FGFR1-R57€LQARRPPGLE	326	>FGFR1-R57€LQAWRPPGL	504	178
>FGFR1-R57€LQARRPPGL	195	>FGFR1-R57€LQAWRPPGL	1079	884
>FGFR1-R57€LQARRPPGLE	8	>FGFR1-R57€LQAWRPPGL	25	17
>FGFR1-R57€LQARRPPGL	2340	>FGFR1-R57€LQAWRPPGL	441	1899
>FGFR1-R57€LQARRPPGL	168	>FGFR1-R57€LQAWRPPGL	141	27
>FGFR1-R57€YLQARRPPGL	398	>FGFR1-R57€YLQAWRPPG	33	365
>FGFR1-R57€YLQARRPPGL	142	>FGFR1-R57€YLQAWRPPG	22	120
>FGFR1-R57€YLQARRPPGL	72	>FGFR1-R57€YLQAWRPPG	19	53
>FGFR1-R57€YLQARRPPGL	751	>FGFR1-R57€YLQAWRPPG	96	655
>FGFR1-R57€YLQARRPPG	7162	>FGFR1-R57€YLQAWRPPG	330	6832
>FGFR1-R57€YLQARRPPGL	10	>FGFR1-R57€YLQAWRPPG	2	8
>FGFR1-R57€YLQARRPPGL	24	>FGFR1-R57€YLQAWRPPG	8	16
>FGFR1-R57€YLQARRPPGL	21	>FGFR1-R57€YLQAWRPPG	7	14
>FGFR1-R57€YLQARRPPGL	58	>FGFR1-R57€YLQAWRPPG	7	51
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>FGFR1-R57€YLQARRPPGL	3	>FGFR1-R57€YLQAWRPPG	2	1
>FGFR1-R57€YLQARRPPGL	3344	>FGFR1-R57€YLQAWRPPG	230	3114
>FGFR1-R57€YLQARRPPG	113	>FGFR1-R57€YLQAWRPPG	6144	6031
>FGFR1-R57€YLQARRPPG	771	>FGFR1-R57€YLQAWRPPG	372	399
>FGFR1-R57€YLQARRPPGL	2164	>FGFR1-R57€YLQAWRPPG	437	1727
>FGFR1-R57€EYLQARRPPG	120	>FGFR1-R57€EYLQAWRPPG	119	1
>FGFR1-R57€REYLQARR	389	>FGFR1-R57€REYLQAWR	218	171
>FGFR1-R57€REYLQARRPP	208	>FGFR1-R57€REYLQAWRP	165	43
>FGFR1-R57€REYLQARRPP	454	>FGFR1-R57€REYLQAWRP	290	164
>FGFR1-R57€REYLQARRPP	305	>FGFR1-R57€REYLQAWRP	163	142
>FGFR1-R57€REYLQARR	101	>FGFR1-R57€REYLQAWR	53	48
>FGFR1-R57€LREYLQAR	24173	>FGFR1-R57€LREYLQAW	43	24130
>FGFR1-R57€NLREYLQAR	141	>FGFR1-R57€NLREYLQAW	21601	21460

>FGFR1-R576NLREYLQARR	126	>FGFR1-R576NLREYLQAW	42	84
>FGFR1-R576NLREYLQAR	35	>FGFR1-R576NLREYLQAW	20101	20066
>FGFR1-R576NLREYLQARR	1095	>FGFR1-R576NLREYLQAW	266	829
>FGFR1-R576NLREYLQARR	1160	>FGFR1-R576NLREYLQAW	304	856
>FGFR1-S125SVNVSDALPS	6909	>FGFR1-S125SVNVSDALPS	323	6586
>FGFR1-S125SVNVSDALPS	17414	>FGFR1-S125SVNVSDALPS	268	17146
>FGFR1-S125VSDALPSS	8025	>FGFR1-S125VSDALPSL	46	7979
>FGFR1-S125NVSDALPSS	15347	>FGFR1-S125NVSDALPSL	234	15113
>FGFR1-S125NVSDALPSS	7713	>FGFR1-S125NVSDALPSL	79	7634
>FGFR1-S125NVSDALPSS	6206	>FGFR1-S125NVSDALPSL	134	6072
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>FGFR1-S125NVSDALPSS	14836	>FGFR1-S125NVSDALPSL	188	14648
>FGFR1-S125NVSDALPSS	16217	>FGFR1-S125NVSDALPSL	86	16131
>FGFR1-S125NVSDALPSS	4511	>FGFR1-S125NVSDALPSL	258	4253
>FGFR1-S125NVSDALPSS	4341	>FGFR1-S125NVSDALPSL	24	4317
>FGFR1-S433SSASMNSGV	5728	>FGFR1-S433FSASMNSGV	485	5243
>FGFR1-S433SSASMNSGV	486	>FGFR1-S433FSASMNSGV	22	464
>FGFR1-S433SSASMNSGV	481	>FGFR1-S433FSASMNSGV	23	458
>FGFR1-S433SSASMNSGV	685	>FGFR1-S433FSASMNSGV	44	641
>FGFR1-S433SSASMNSGV	1864	>FGFR1-S433FSASMNSGV	154	1710
>FGFR1-S433SSASMNSGV	3695	>FGFR1-S433FSASMNSGV	467	3228
>FGFR1-S433SSASMNSGV	18	>FGFR1-S433FSASMNSGV	9	9
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>FGFR1-S433SSASMNSGV	815	>FGFR1-S433FSASMNSGV	154	661
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>FGFR1-S433SSASMNSGV	71	>FGFR1-S433FSASMNSGV	41	30
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>FGFR1-S433SSASMNSGV	1928	>FGFR1-S433FSASMNSGV	315	1613
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>FGFR1-S433SSASMNSGV	33	>FGFR1-S433FSASMNSGV	45	12
>FGFR1-S433SSASMNSGV	18	>FGFR1-S433FSASMNSGV	26	8
>FGFR1-S433SSASMNSGV	153	>FGFR1-S433FSASMNSGV	95	58
>FGFR1-S433SSASMNSGV	137	>FGFR1-S433FSASMNSGV	156	19
>FGFR1-S433DSSASMNSG	97	>FGFR1-S433DFSASMNSG	3318	3221
>FGFR1-S433DSSASMNSG	256	>FGFR1-S433DFSASMNSG	4268	4012
>FGFR1-S433LRRQVTVSAL	3927	>FGFR1-S433LRRQVTVSAL	27	3900
>FGFR1-S433LRRQVTVSAL	15934	>FGFR1-S433LRRQVTVSAL	440	15494
>FGFR1-S433ADSSASMNSG	4829	>FGFR1-S433ADFSASMNSG	277	4552
>FGFR1-S433ADSSASMNSG	1049	>FGFR1-S433ADFSASMNSG	113	936

>FGFR1-S433ADSSASMNSI	140	>FGFR1-S433ADFSASMNSI	132	8
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>FGFR1-S433SADSSASM	280	>FGFR1-S433SADFSASM	399	119
>FGFR1-S433VSADSSASM	1397	>FGFR1-S433VSADFSASM	36	1361
>FGFR1-S433VSADSSASM	1793	>FGFR1-S433VSADFSASM	357	1436
>FGFR1-S433VSADSSASM	59	>FGFR1-S433VSADFSASM	98	39
>FGFR1-S433VSADSSASM	124	>FGFR1-S433VSADFSASM	175	51
>FGFR1-S433VSADSSASM	3	>FGFR1-S433VSADFSASM	5	2
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>FGFR1-S433TVSADSSASM	602	>FGFR1-S433TVSADFSASM	371	231
>FGFR1-S433TVSADSSA	2535	>FGFR1-S433TVSADFSAS	103	2432
>FGFR1-S433TVSADSSASM	473	>FGFR1-S433TVSADFSASM	209	264
>FGFR1-S433TVSADSSA	61	>FGFR1-S433TVSADFSAS	24	37
>FGFR1-S433TVSADSSAS	1022	>FGFR1-S433TVSADFSAS	445	577
>FGFR1-S433TVSADSSASM	373	>FGFR1-S433TVSADFSASM	285	88
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>FGFR1-S433TVSADSSASM	138	>FGFR1-S433TVSADFSASM	190	52
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>FGFR1-S433VTVSADSSAS	752	>FGFR1-S433VTVSADFSAS	248	504
>FGFR1-S433VTVSADSSA	2798	>FGFR1-S433VTVSADFSAS	95	2703
>FGFR1-S433VTVSADSSAS	20	>FGFR1-S433VTVSADFSAS	38	18
>FGFR1-S433VTVSADSSA	662	>FGFR1-S433VTVSADFSAS	172	490
>FGFR1-S433VTVSADSSAS	127	>FGFR1-S433VTVSADFSAS	245	118
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>FGFR1-S433VTVSADSSAS	308	>FGFR1-S433VTVSADFSAS	145	163
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>FGFR1-S433RQVTVSADSS	42	>FGFR1-S433RQVTVSADFS	13	29
>FGFR1-S433RQVTVSADS	18383	>FGFR1-S433RQVTVSADF	126	18257
>FGFR1-S433RQVTVSADS	6103	>FGFR1-S433RQVTVSADF	49	6054
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>FGFR1-S433RRQVTVSADSS	3207	>FGFR1-S433RRQVTVSADFI	13	3194
>FGFR1-S433RRQVTVSADSS	987	>FGFR1-S433RRQVTVSADFI	30	957
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>FGFR1-S433RRQVTVSAD	74	>FGFR1-S433RRQVTVSADI	32	42
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>FGFR1-S433RRQVTVSAD	111	>FGFR1-S433RRQVTVSADI	42	69
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>FGFR1-T141TDNTKPNRM	453	>FGFR1-T141RDNTKPNRM	674	221
>FGFR1-T141ETDNTKPNRM	302	>FGFR1-T141ERDNTKPNRM	6054	5752
>FGFR1-T141ETDNTKPNR	15	>FGFR1-T141ERDNTKPNR	5275	5260
>FGFR1-T141ETDNTKPNRM	147	>FGFR1-T141ERDNTKPNRM	17160	17013
>FGFR1-T141KETDNTKPNF	154	>FGFR1-T141KERDNTKPNF	71	83
>FGFR1-T141KETDNTKPNF	111	>FGFR1-T141KERDNTKPNF	138	27
>FGFR1-T141EEKETDNT	298	>FGFR1-T141EEKERDNT	615	317
>FGFR1-T141SSSEEKET	33249	>FGFR1-T141SSSEEKER	159	33090
>FGFR1-T141DSSSEEKET	28867	>FGFR1-T141DSSSEEKER	76	28791
>FGFR1-V66VKWMAPEA	373	>FGFR1-V66LKWMAPEA	204	169
>FGFR1-V66VKWMAPEAL	10	>FGFR1-V66LKWMAPEAL	7	3
>FGFR1-V66VKWMAPEAL	4	>FGFR1-V66LKWMAPEAL	3	1
>FGFR1-V66VKWMAPEAL	274	>FGFR1-V66LKWMAPEAL	165	109
>FGFR1-V66PVKWMAPEA	10085	>FGFR1-V66PLKWMAPEA	75	10010
>FGFR1-V66PVKWMAPEA	10171	>FGFR1-V66PLKWMAPEA	156	10015
>FGFR1-V66YKKTNGRLP	28	>FGFR1-V66YKKTNGRLP	14	14
>FGFR1-V66YKKTNGRLP	4446	>FGFR1-V66YKKTNGRLP	370	4076
>FGFR1-V66LPVKWMAPE	26	>FGFR1-V66LPLKWMAPE	31	5
>FGFR1-V66LPVKWMAPE	473	>FGFR1-V66LPLKWMAPE	1089	616
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>FGFR1-V66LPVKWMAPE	93	>FGFR1-V66LPLKWMAPE	98	5
>FGFR1-V66LPVKWMAPE	87	>FGFR1-V66LPLKWMAPE	120	33
>FGFR1-V66LPVKWMAP	73	>FGFR1-V66LPLKWMAP	102	29
>FGFR1-V66LPVKWMAPE	48	>FGFR1-V66LPLKWMAPE	69	21
>FGFR1-V66LPVKWMAPE	25	>FGFR1-V66LPLKWMAPE	20	5
>FGFR1-V66LPVKWMAPE	464	>FGFR1-V66LPLKWMAPE	721	257
>FGFR1-V66LPVKWMAPE	347	>FGFR1-V66LPLKWMAPE	195	152
>FGFR1-V66RLPVKWMAF	311	>FGFR1-V66RLPLKWMAP	283	28
>FGFR1-V66RLPVKWMA	443	>FGFR1-V66RLPLKWMA	635	192
>FGFR1-V66RLPVKWMAF	476	>FGFR1-V66RLPLKWMAP	683	207
>FGFR1-V66RLPVKWMA	71	>FGFR1-V66RLPLKWMA	111	40
>FGFR1-V66RLPVKWMAF	231	>FGFR1-V66RLPLKWMAP	299	68
>FGFR1-V66RLPVKWMA	140	>FGFR1-V66RLPLKWMA	227	87
>FGFR1-V66RLPVKWMAF	212	>FGFR1-V66RLPLKWMAP	306	94
>FGFR1-V66RLPVKWMA	55	>FGFR1-V66RLPLKWMA	77	22
>FGFR1-V66RLPVKWMAF	58	>FGFR1-V66RLPLKWMAP	78	20
>FGFR1-V66GRLPVKWM	166	>FGFR1-V66GRLPLKWM	117	49
>FGFR1-V66GRLPVKWM	406	>FGFR1-V66GRLPLKWMA	227	179
>FGFR1-V66GRLPVKWM	2061	>FGFR1-V66GRLPLKWM	498	1563

>FGFR1-V664TNGRLPVKW	2726	>FGFR1-V664TNGRLPLKW	479	2247
>FGFR1-V664TTNGRLPV	165	>FGFR1-V664TTNGRLPL	1952	1787
>FGFR1-V664TTNGRLPV	277	>FGFR1-V664TTNGRLPL	1623	1346
>FGFR1-V664TTNGRLPV	328	>FGFR1-V664TTNGRLPL	5538	5210
>FGFR1-V664TTNGRLPVK	121	>FGFR1-V664TTNGRLPLK	60	61
>FGFR1-V664TTNGRLPVK	20	>FGFR1-V664TTNGRLPLK	12	8
>FGFR1-V664TTNGRLPVKV	20	>FGFR1-V664TTNGRLPLKV	18	2
>FGFR1-V664TTNGRLPVKV	311	>FGFR1-V664TTNGRLPLKV	294	17
>FGFR1-V664TTNGRLPVK	48	>FGFR1-V664TTNGRLPLK	27	21
>FGFR1-V664TTNGRLPVK	507	>FGFR1-V664TTNGRLPLK	170	337
>FGFR1-V664TTNGRLPV	2442	>FGFR1-V664TTNGRLPL	475	1967
>FGFR1-V664TTNGRLPVKV	266	>FGFR1-V664TTNGRLPLKV	542	276
>FGFR1-V664TTNGRLPVK	107	>FGFR1-V664TTNGRLPLK	30	77
>FGFR1-V664TTNGRLPV	18	>FGFR1-V664TTNGRLPL	91	73
>FGFR1-V664TTNGRLPV	32	>FGFR1-V664TTNGRLPL	473	441
>FGFR1-V664TTNGRLPV	2003	>FGFR1-V664TTNGRLPL	38	1965
>FGFR1-V664TTNGRLPVKV	17	>FGFR1-V664TTNGRLPLKV	11	6
>FGFR1-V664TTNGRLPVKV	32	>FGFR1-V664TTNGRLPLKV	41	9
>FGFR1-V664TTNGRLPVKV	44	>FGFR1-V664TTNGRLPLKV	44	0
>FGFR1-V664TTNGRLPVKV	28	>FGFR1-V664TTNGRLPLKV	20	8
>FGFR1-V664TTNGRLPVKV	327	>FGFR1-V664TTNGRLPLKV	301	26
>FGFR1-V664TTNGRLPVKV	85	>FGFR1-V664TTNGRLPLKV	59	26
>FGFR1-V664KTTNGRLPV	136	>FGFR1-V664KTTNGRLPL	1102	966
>FGFR1-V664KTTNGRLPV	349	>FGFR1-V664KTTNGRLPL	7908	7559
>FGFR1-V664KTTNGRLPVK	62	>FGFR1-V664KTTNGRLPLK	29	33
>FGFR1-V664KTTNGRLPVK	25	>FGFR1-V664KTTNGRLPLK	15	10
>FGFR1-V664KTTNGRLPV	22	>FGFR1-V664KTTNGRLPL	31	9
>FGFR1-V664KTTNGRLPVK	6	>FGFR1-V664KTTNGRLPLK	5	1
>FGFR1-V664KTTNGRLPV	209	>FGFR1-V664KTTNGRLPL	42	167
>FGFR1-V664KTTNGRLPVK	28	>FGFR1-V664KTTNGRLPLK	47	19
>FGFR1-V664KTTNGRLPV	3309	>FGFR1-V664KTTNGRLPL	420	2889
>FGFR1-V664KTTNGRLPV	141	>FGFR1-V664KTTNGRLPL	7	134
>FGFR1-V664KTTNGRLPVK	15	>FGFR1-V664KTTNGRLPLK	11	4
>FGFR1-V664KTTNGRLPVK	47	>FGFR1-V664KTTNGRLPLK	50	3
>FGFR1-V664KTTNGRLPVK	13	>FGFR1-V664KTTNGRLPLK	11	2
>FGFR1-V664KTTNGRLPV	2525	>FGFR1-V664KTTNGRLPL	457	2068
>FGFR1-V664KTTNGRLPV	1093	>FGFR1-V664KTTNGRLPL	369	724
>FGFR1-V664KTTNGRLPVK	332	>FGFR1-V664KTTNGRLPLK	212	120
>FGFR1-V664KKTTNGRLPV	56	>FGFR1-V664KKTTNGRLPL	25	31
>FGFR1-V664KKTTNGRLPV	4117	>FGFR1-V664KKTTNGRLPL	477	3640
>FGFR2-A314AAGVNTTDDI	326	>FGFR2-A314DAGVNTTDDI	5280	4954
>FGFR2-A314KAAGVNTTDDI	292	>FGFR2-A314KDAGVNTTDDI	12663	12371
>FGFR2-A314KAAGVNTTDDI	369	>FGFR2-A314KDAGVNTTDDI	18483	18114



>FGFR2-A31 <sup>4</sup> KAAGVNTTDI	335	>FGFR2-A31 <sup>4</sup> KDAGVNTTDI	19724	19389
>FGFR2-A31 <sup>4</sup> VLKAAGVNT	803	>FGFR2-A31 <sup>4</sup> VLKDAGVNT	419	384
>FGFR2-A31 <sup>4</sup> VLKAAGVNTI	317	>FGFR2-A31 <sup>4</sup> VLKDAGVNTI	413	96
>FGFR2-A31 <sup>4</sup> VLKAAGVNT	656	>FGFR2-A31 <sup>4</sup> VLKDAGVNT	49	607
>FGFR2-A31 <sup>4</sup> VLKAAGVNTI	241	>FGFR2-A31 <sup>4</sup> VLKDAGVNTI	35	206
>FGFR2-A31 <sup>4</sup> KVLKAAGV	300	>FGFR2-A31 <sup>4</sup> KVLKDAGV	370	70
>FGFR2-A31 <sup>4</sup> KVLKAAGV	203	>FGFR2-A31 <sup>4</sup> KVLKDAGV	520	317
>FGFR2-A31 <sup>4</sup> KVLKAAGV	17	>FGFR2-A31 <sup>4</sup> KVLKDAGV	37	20
>FGFR2-A31 <sup>4</sup> KVLKAAGV	39	>FGFR2-A31 <sup>4</sup> KVLKDAGV	57	18
>FGFR2-A31 <sup>4</sup> KVLKAAGV	80	>FGFR2-A31 <sup>4</sup> KVLKDAGV	63	17
>FGFR2-A31 <sup>4</sup> KVLKAAGV	35	>FGFR2-A31 <sup>4</sup> KVLKDAGV	51	16
>FGFR2-A31 <sup>4</sup> KVLKAAGV	81	>FGFR2-A31 <sup>4</sup> KVLKDAGV	178	97
>FGFR2-A31 <sup>4</sup> KVLKAAGV	67	>FGFR2-A31 <sup>4</sup> KVLKDAGV	84	17
>FGFR2-A31 <sup>4</sup> KVLKAAGV	180	>FGFR2-A31 <sup>4</sup> KVLKDAGV	1670	1490
>FGFR2-A31 <sup>4</sup> KVLKAAGV	83	>FGFR2-A31 <sup>4</sup> KVLKDAGV	584	501
>FGFR2-A31 <sup>4</sup> YLVKVLKAAGV	218	>FGFR2-A31 <sup>4</sup> YLVKVLKDAGV	105	113
>FGFR2-A31 <sup>4</sup> YLVKVLKAA	407	>FGFR2-A31 <sup>4</sup> YLVKVLKDA	1593	1186
>FGFR2-A31 <sup>4</sup> YLVKVLKAAGV	88	>FGFR2-A31 <sup>4</sup> YLVKVLKDAGV	52	36
>FGFR2-A31 <sup>4</sup> YLVKVLKAA	20	>FGFR2-A31 <sup>4</sup> YLVKVLKDA	94	74
>FGFR2-A31 <sup>4</sup> YLVKVLKAAGV	16	>FGFR2-A31 <sup>4</sup> YLVKVLKDAGV	20	4
>FGFR2-A31 <sup>4</sup> YLVKVLKAAGV	440	>FGFR2-A31 <sup>4</sup> YLVKVLKDAGV	290	150
>FGFR2-A31 <sup>4</sup> YLVKVLKAAGV	11	>FGFR2-A31 <sup>4</sup> YLVKVLKDAGV	21	10
>FGFR2-A31 <sup>4</sup> YLVKVLKAAGV	10	>FGFR2-A31 <sup>4</sup> YLVKVLKDAGV	13	3
>FGFR2-A31 <sup>4</sup> YLVKVLKAAGV	41	>FGFR2-A31 <sup>4</sup> YLVKVLKDAGV	43	2
>FGFR2-A31 <sup>4</sup> YLVKVLKAAGV	30	>FGFR2-A31 <sup>4</sup> YLVKVLKDAGV	102	72
>FGFR2-A31 <sup>4</sup> YLVKVLKAA	34	>FGFR2-A31 <sup>4</sup> YLVKVLKDA	80	46
>FGFR2-A31 <sup>4</sup> YLVKVLKAAGV	2	>FGFR2-A31 <sup>4</sup> YLVKVLKDAGV	3	1
>FGFR2-A31 <sup>4</sup> YLVKVLKAA	153	>FGFR2-A31 <sup>4</sup> YLVKVLKDA	1158	1005
>FGFR2-A31 <sup>4</sup> YLVKVLKAAG	351	>FGFR2-A31 <sup>4</sup> YLVKVLKDAG	3124	2773
>FGFR2-A31 <sup>4</sup> LPYLKVLKA	19	>FGFR2-A31 <sup>4</sup> LPYLKVLKD	1494	1475
>FGFR2-A31 <sup>4</sup> LPYLKVLKAA	12	>FGFR2-A31 <sup>4</sup> LPYLKVLKDA	17	5
>FGFR2-A31 <sup>4</sup> LPYLKVLKAAI	60	>FGFR2-A31 <sup>4</sup> LPYLKVLKDAI	52	8
>FGFR2-A31 <sup>4</sup> GLPYLKVLKA	351	>FGFR2-A31 <sup>4</sup> GLPYLKVLKD	1119	768
>FGFR2-A31 <sup>4</sup> GLPYLKVLKA	471	>FGFR2-A31 <sup>4</sup> GLPYLKVLKD	28036	27565
>FGFR2-A31 <sup>5</sup> AAGVNTTDDKI	326	>FGFR2-A31 <sup>5</sup> ATGVNTTDDKI	1088	762
>FGFR2-A31 <sup>5</sup> AAGVNTTDDK	1334	>FGFR2-A31 <sup>5</sup> ATGVNTTDDK	160	1174
>FGFR2-A31 <sup>5</sup> AAGVNTTDDK	938	>FGFR2-A31 <sup>5</sup> ATGVNTTDDK	144	794
>FGFR2-A31 <sup>5</sup> AAGVNTTDDKI	842	>FGFR2-A31 <sup>5</sup> ATGVNTTDDKI	134	708
>FGFR2-A31 <sup>5</sup> GLPYLKVLKA	351	>FGFR2-A31 <sup>5</sup> GLPYLKVLKA	2474	2123
>FGFR2-A31 <sup>5</sup> KAAGVNTTDDI	292	>FGFR2-A31 <sup>5</sup> KATGVNTTDDI	479	187
>FGFR2-A31 <sup>5</sup> KAAGVNTTDDI	369	>FGFR2-A31 <sup>5</sup> KATGVNTTDDI	349	20
>FGFR2-A31 <sup>5</sup> KAAGVNTTDDI	335	>FGFR2-A31 <sup>5</sup> KATGVNTTDDI	1081	746
>FGFR2-A31 <sup>5</sup> VLKAAGVNTI	317	>FGFR2-A31 <sup>5</sup> VLKATGVNTI	251	66

>FGFR2-A31 <sup>!</sup> VLKAAGVNTI	241	>FGFR2-A31 <sup>!</sup> VLKATGVNTI	260	19
>FGFR2-A31 <sup>!</sup> KVLKAAGV	300	>FGFR2-A31 <sup>!</sup> KVLKATGV	280	20
>FGFR2-A31 <sup>!</sup> KVLKAAGV	203	>FGFR2-A31 <sup>!</sup> KVLKATGV	140	63
>FGFR2-A31 <sup>!</sup> KVLKAAGV	17	>FGFR2-A31 <sup>!</sup> KVLKATGV	17	0
>FGFR2-A31 <sup>!</sup> KVLKAAGV	39	>FGFR2-A31 <sup>!</sup> KVLKATGV	54	15
>FGFR2-A31 <sup>!</sup> KVLKAAGV	80	>FGFR2-A31 <sup>!</sup> KVLKATGV	150	70
>FGFR2-A31 <sup>!</sup> KVLKAAGV	35	>FGFR2-A31 <sup>!</sup> KVLKATGV	30	5
>FGFR2-A31 <sup>!</sup> KVLKAAGV	81	>FGFR2-A31 <sup>!</sup> KVLKATGV	136	55
>FGFR2-A31 <sup>!</sup> KVLKAAGV	67	>FGFR2-A31 <sup>!</sup> KVLKATGV	66	1
>FGFR2-A31 <sup>!</sup> KVLKAAGV	180	>FGFR2-A31 <sup>!</sup> KVLKATGV	372	192
>FGFR2-A31 <sup>!</sup> KVLKAAGV	83	>FGFR2-A31 <sup>!</sup> KVLKATGV	131	48
>FGFR2-A31 <sup>!</sup> YLVKVLKAAGV	218	>FGFR2-A31 <sup>!</sup> YLVKVLKATGV	237	19
>FGFR2-A31 <sup>!</sup> YLVKVLKAA	407	>FGFR2-A31 <sup>!</sup> YLVKVLKAT	2250	1843
>FGFR2-A31 <sup>!</sup> YLVKVLKAAGV	88	>FGFR2-A31 <sup>!</sup> YLVKVLKATGV	101	13
>FGFR2-A31 <sup>!</sup> YLVKVLKAA	20	>FGFR2-A31 <sup>!</sup> YLVKVLKAT	191	171
>FGFR2-A31 <sup>!</sup> YLVKVLKAAGV	16	>FGFR2-A31 <sup>!</sup> YLVKVLKATGV	18	2
>FGFR2-A31 <sup>!</sup> YLVKVLKAAGV	440	>FGFR2-A31 <sup>!</sup> YLVKVLKATGV	445	5
>FGFR2-A31 <sup>!</sup> YLVKVLKAAGV	11	>FGFR2-A31 <sup>!</sup> YLVKVLKATGV	17	6
>FGFR2-A31 <sup>!</sup> YLVKVLKAAGV	10	>FGFR2-A31 <sup>!</sup> YLVKVLKATGV	18	8
>FGFR2-A31 <sup>!</sup> YLVKVLKAAGV	41	>FGFR2-A31 <sup>!</sup> YLVKVLKATGV	32	9
>FGFR2-A31 <sup>!</sup> YLVKVLKAAGV	30	>FGFR2-A31 <sup>!</sup> YLVKVLKATGV	60	30
>FGFR2-A31 <sup>!</sup> YLVKVLKAA	34	>FGFR2-A31 <sup>!</sup> YLVKVLKAT	387	353
>FGFR2-A31 <sup>!</sup> YLVKVLKAAGV	2	>FGFR2-A31 <sup>!</sup> YLVKVLKATGV	2	0
>FGFR2-A31 <sup>!</sup> YLVKVLKAA	153	>FGFR2-A31 <sup>!</sup> YLVKVLKAT	1656	1503
>FGFR2-A31 <sup>!</sup> YLVKVLKAAG	351	>FGFR2-A31 <sup>!</sup> YLVKVLKATG	563	212
>FGFR2-A31 <sup>!</sup> LPYLVKVLKAA	12	>FGFR2-A31 <sup>!</sup> LPYLVKVLKAT	219	207
>FGFR2-A31 <sup>!</sup> LPYLVKVLKAA	60	>FGFR2-A31 <sup>!</sup> LPYLVKVLKAT	137	77
>FGFR2-A38 <sup>!</sup> ACMVVTVILC	481	>FGFR2-A38 <sup>!</sup> TCMVVTVILC	665	184
>FGFR2-A38 <sup>!</sup> ACMVVTVI	238	>FGFR2-A38 <sup>!</sup> TCMVVTVI	888	650
>FGFR2-A38 <sup>!</sup> ACMVVTVIL	164	>FGFR2-A38 <sup>!</sup> TCMVVTVIL	631	467
>FGFR2-A38 <sup>!</sup> ACMVVTVILC	3078	>FGFR2-A38 <sup>!</sup> TCMVVTVILC	200	2878
>FGFR2-A38 <sup>!</sup> ACMVVTVI	4003	>FGFR2-A38 <sup>!</sup> TCMVVTVI	267	3736
>FGFR2-A38 <sup>!</sup> ACMVVTVIL	4525	>FGFR2-A38 <sup>!</sup> TCMVVTVIL	438	4087
>FGFR2-A38 <sup>!</sup> ACMVVTVIL	1001	>FGFR2-A38 <sup>!</sup> TCMVVTVIL	256	745
>FGFR2-A38 <sup>!</sup> IACMVVTV	943	>FGFR2-A38 <sup>!</sup> ITCMVVTV	403	540
>FGFR2-A38 <sup>!</sup> IACMVVTV	344	>FGFR2-A38 <sup>!</sup> ITCMVVTV	220	124
>FGFR2-A38 <sup>!</sup> IACMVVTV	78	>FGFR2-A38 <sup>!</sup> ITCMVVTV	22	56
>FGFR2-A38 <sup>!</sup> IACMVVTV	216	>FGFR2-A38 <sup>!</sup> ITCMVVTV	152	64
>FGFR2-A38 <sup>!</sup> IACMVVTV	7451	>FGFR2-A38 <sup>!</sup> ITCMVVTV	437	7014
>FGFR2-A38 <sup>!</sup> IACMVVTVI	4799	>FGFR2-A38 <sup>!</sup> ITCMVVTVI	232	4567
>FGFR2-A38 <sup>!</sup> IACMVVTVIL	5967	>FGFR2-A38 <sup>!</sup> ITCMVVTVIL	216	5751
>FGFR2-A38 <sup>!</sup> IACMVVTV	2030	>FGFR2-A38 <sup>!</sup> ITCMVVTV	234	1796
>FGFR2-A38 <sup>!</sup> IACMVVTV	1734	>FGFR2-A38 <sup>!</sup> ITCMVVTV	175	1559

>FGFR2-A38 $\epsilon$ IACMVVTVI	1306	>FGFR2-A38 $\epsilon$ ITCMVVTVI	101	1205
>FGFR2-A38 $\epsilon$ IACMVVTVIL	761	>FGFR2-A38 $\epsilon$ ITCMVVTVIL	68	693
>FGFR2-A38 $\epsilon$ IACMVVTVI	459	>FGFR2-A38 $\epsilon$ ITCMVVTVI	337	122
>FGFR2-A38 $\epsilon$ IACMVVTVIL	1833	>FGFR2-A38 $\epsilon$ ITCMVVTVIL	185	1648
>FGFR2-A38 $\epsilon$ IACMVVTVI	830	>FGFR2-A38 $\epsilon$ ITCMVVTVI	45	785
>FGFR2-A38 $\epsilon$ IACMVVTVI	227	>FGFR2-A38 $\epsilon$ ITCMVVTVI	36	191
>FGFR2-A38 $\epsilon$ AIYCIGVFLIA	85	>FGFR2-A38 $\epsilon$ AIYCIGVFLIT	1012	927
>FGFR2-A38 $\epsilon$ AIYCIGVFLIA	193	>FGFR2-A38 $\epsilon$ AIYCIGVFLIT	896	703
>FGFR2-A38 $\epsilon$ AIYCIGVFLIA	244	>FGFR2-A38 $\epsilon$ AIYCIGVFLIT	1560	1316
>FGFR2-A38 $\epsilon$ LIACMVVTV	24	>FGFR2-A38 $\epsilon$ LITCMVVTV	77	53
>FGFR2-A38 $\epsilon$ LIACMVVTVII	351	>FGFR2-A38 $\epsilon$ LITCMVVTVII	1569	1218
>FGFR2-A38 $\epsilon$ LIACMVVTV	35	>FGFR2-A38 $\epsilon$ LITCMVVTV	333	298
>FGFR2-A38 $\epsilon$ LIACMVVTVII	57	>FGFR2-A38 $\epsilon$ LITCMVVTVII	490	433
>FGFR2-A38 $\epsilon$ LIACMVVTV	9	>FGFR2-A38 $\epsilon$ LITCMVVTV	39	30
>FGFR2-A38 $\epsilon$ LIACMVVTVI	403	>FGFR2-A38 $\epsilon$ LITCMVVTVI	655	252
>FGFR2-A38 $\epsilon$ LIACMVVTVII	133	>FGFR2-A38 $\epsilon$ LITCMVVTVII	748	615
>FGFR2-A38 $\epsilon$ LIACMVVTV	32	>FGFR2-A38 $\epsilon$ LITCMVVTV	66	34
>FGFR2-A38 $\epsilon$ LIACMVVTV	8	>FGFR2-A38 $\epsilon$ LITCMVVTV	18	10
>FGFR2-A38 $\epsilon$ LIACMVVTVI	209	>FGFR2-A38 $\epsilon$ LITCMVVTVI	550	341
>FGFR2-A38 $\epsilon$ LIACMVVTV	21	>FGFR2-A38 $\epsilon$ LITCMVVTV	29	8
>FGFR2-A38 $\epsilon$ LIACMVVTV	25	>FGFR2-A38 $\epsilon$ LITCMVVTV	47	22
>FGFR2-A38 $\epsilon$ LIACMVVTV	13	>FGFR2-A38 $\epsilon$ LITCMVVTV	90	77
>FGFR2-A38 $\epsilon$ LIACMVVTV	4	>FGFR2-A38 $\epsilon$ LITCMVVTV	4	0
>FGFR2-A38 $\epsilon$ LIACMVVTVII	212	>FGFR2-A38 $\epsilon$ LITCMVVTVII	259	47
>FGFR2-A38 $\epsilon$ LIACMVVTV	34	>FGFR2-A38 $\epsilon$ LITCMVVTV	135	101
>FGFR2-A38 $\epsilon$ LIACMVVTVII	295	>FGFR2-A38 $\epsilon$ LITCMVVTVII	1188	893
>FGFR2-A38 $\epsilon$ LIACMVVTV	195	>FGFR2-A38 $\epsilon$ LITCMVVTV	746	551
>FGFR2-A38 $\epsilon$ LIACMVVTVI	280	>FGFR2-A38 $\epsilon$ LITCMVVTVI	421	141
>FGFR2-A38 $\epsilon$ FLIACMVV	7	>FGFR2-A38 $\epsilon$ FLITCMVV	7	0
>FGFR2-A38 $\epsilon$ FLIACMVVT	18	>FGFR2-A38 $\epsilon$ FLITCMVVT	24	6
>FGFR2-A38 $\epsilon$ FLIACMVVTV	10	>FGFR2-A38 $\epsilon$ FLITCMVVTV	11	1
>FGFR2-A38 $\epsilon$ FLIACMVVTV	10	>FGFR2-A38 $\epsilon$ FLITCMVVTV	10	0
>FGFR2-A38 $\epsilon$ FLIACMVV	3	>FGFR2-A38 $\epsilon$ FLITCMVV	4	1
>FGFR2-A38 $\epsilon$ FLIACMVVT	11	>FGFR2-A38 $\epsilon$ FLITCMVVT	20	9
>FGFR2-A38 $\epsilon$ FLIACMVVTV	7	>FGFR2-A38 $\epsilon$ FLITCMVVTV	8	1
>FGFR2-A38 $\epsilon$ FLIACMVVTV	4	>FGFR2-A38 $\epsilon$ FLITCMVVTV	5	1
>FGFR2-A38 $\epsilon$ FLIACMVV	2	>FGFR2-A38 $\epsilon$ FLITCMVV	3	1
>FGFR2-A38 $\epsilon$ FLIACMVVT	14	>FGFR2-A38 $\epsilon$ FLITCMVVT	23	9
>FGFR2-A38 $\epsilon$ FLIACMVVTV	8	>FGFR2-A38 $\epsilon$ FLITCMVVTV	9	1
>FGFR2-A38 $\epsilon$ FLIACMVVTV	3	>FGFR2-A38 $\epsilon$ FLITCMVVTV	3	0
>FGFR2-A38 $\epsilon$ FLIACMVV	4	>FGFR2-A38 $\epsilon$ FLITCMVV	5	1
>FGFR2-A38 $\epsilon$ FLIACMVVT	22	>FGFR2-A38 $\epsilon$ FLITCMVVT	47	25
>FGFR2-A38 $\epsilon$ FLIACMVVTV	25	>FGFR2-A38 $\epsilon$ FLITCMVVTV	24	1

>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	9	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	13	4
>FGFR2-A38 <sup>ϵ</sup> FLIACMVV	3	>FGFR2-A38 <sup>ϵ</sup> FLITCMVV	3	0
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVT	178	>FGFR2-A38 <sup>ϵ</sup> FLITCMVVT	553	375
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	2	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	2	0
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	5	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	10	5
>FGFR2-A38 <sup>ϵ</sup> FLIACMVV	3	>FGFR2-A38 <sup>ϵ</sup> FLITCMVV	3	0
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVT	149	>FGFR2-A38 <sup>ϵ</sup> FLITCMVVT	167	18
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	2	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	2	0
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	7	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	7	0
>FGFR2-A38 <sup>ϵ</sup> FLIACMVV	6	>FGFR2-A38 <sup>ϵ</sup> FLITCMVV	7	1
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	5	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	5	0
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	21	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	38	17
>FGFR2-A38 <sup>ϵ</sup> FLIACMVV	6	>FGFR2-A38 <sup>ϵ</sup> FLITCMVV	7	1
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	5	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	6	1
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	98	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	137	39
>FGFR2-A38 <sup>ϵ</sup> FLIACMVV	2	>FGFR2-A38 <sup>ϵ</sup> FLITCMVV	2	0
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVT	20	>FGFR2-A38 <sup>ϵ</sup> FLITCMVVT	38	18
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	1	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	1	0
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	4	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	6	2
>FGFR2-A38 <sup>ϵ</sup> FLIACMVV	56	>FGFR2-A38 <sup>ϵ</sup> FLITCMVV	122	66
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	321	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	728	407
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	181	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	309	128
>FGFR2-A38 <sup>ϵ</sup> FLIACMVV	315	>FGFR2-A38 <sup>ϵ</sup> FLITCMVV	613	298
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	126	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	236	110
>FGFR2-A38 <sup>ϵ</sup> FLIACMVV	455	>FGFR2-A38 <sup>ϵ</sup> FLITCMVV	1487	1032
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	430	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	1404	974
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	194	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	629	435
>FGFR2-A38 <sup>ϵ</sup> FLIACMVV	332	>FGFR2-A38 <sup>ϵ</sup> FLITCMVV	252	80
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	246	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	211	35
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	203	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	174	29
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	385	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	696	311
>FGFR2-A38 <sup>ϵ</sup> FLIACMVVTV	297	>FGFR2-A38 <sup>ϵ</sup> FLITCMVTV	555	258
>FGFR2-A38 <sup>ϵ</sup> VFLIACMV	437	>FGFR2-A38 <sup>ϵ</sup> VFLITCMV	256	181
>FGFR2-A38 <sup>ϵ</sup> VFLIACMVVT	408	>FGFR2-A38 <sup>ϵ</sup> VFLITCMVVT	276	132
>FGFR2-A38 <sup>ϵ</sup> VFLIACMV	258	>FGFR2-A38 <sup>ϵ</sup> VFLITCMV	185	73
>FGFR2-A38 <sup>ϵ</sup> VFLIACMVVT	277	>FGFR2-A38 <sup>ϵ</sup> VFLITCMVVT	272	5
>FGFR2-A38 <sup>ϵ</sup> VFLIACMV	506	>FGFR2-A38 <sup>ϵ</sup> VFLITCMV	414	92
>FGFR2-A38 <sup>ϵ</sup> VFLIACMVVT	344	>FGFR2-A38 <sup>ϵ</sup> VFLITCMVVT	352	8
>FGFR2-A38 <sup>ϵ</sup> VFLIACMVVT	458	>FGFR2-A38 <sup>ϵ</sup> VFLITCMVVT	464	6
>FGFR2-A38 <sup>ϵ</sup> VFLIACMVV	606	>FGFR2-A38 <sup>ϵ</sup> VFLITCMVV	145	461
>FGFR2-A38 <sup>ϵ</sup> VFLIACMVVT	745	>FGFR2-A38 <sup>ϵ</sup> VFLITCMVVT	311	434
>FGFR2-A38 <sup>ϵ</sup> GVFLIACMV	496	>FGFR2-A38 <sup>ϵ</sup> GVFLITCMV	148	348
>FGFR2-A38 <sup>ϵ</sup> GVFLIACMVV	191	>FGFR2-A38 <sup>ϵ</sup> GVFLITCMVV	215	24

>FGFR2-A38 <sup>9</sup> GVFLIACMV	181	>FGFR2-A38 <sup>9</sup> GVFLITCMV	71	110
>FGFR2-A38 <sup>9</sup> GVFLIACMV\	273	>FGFR2-A38 <sup>9</sup> GVFLITCMVV	250	23
>FGFR2-A38 <sup>9</sup> GVFLIACMV	230	>FGFR2-A38 <sup>9</sup> GVFLITCMV	122	108
>FGFR2-A38 <sup>9</sup> GVFLIACMV\	129	>FGFR2-A38 <sup>9</sup> GVFLITCMVV	93	36
>FGFR2-A38 <sup>9</sup> GVFLIACMV	79	>FGFR2-A38 <sup>9</sup> GVFLITCMV	69	10
>FGFR2-A38 <sup>9</sup> GVFLIACMV\	187	>FGFR2-A38 <sup>9</sup> GVFLITCMVV	158	29
>FGFR2-A38 <sup>9</sup> GVFLIACMV	29	>FGFR2-A38 <sup>9</sup> GVFLITCMV	19	10
>FGFR2-A38 <sup>9</sup> GVFLIACMV\	233	>FGFR2-A38 <sup>9</sup> GVFLITCMVV	147	86
>FGFR2-A38 <sup>9</sup> GVFLIACMV	426	>FGFR2-A38 <sup>9</sup> GVFLITCMV	192	234
>FGFR2-A38 <sup>9</sup> GVFLIACMV\	754	>FGFR2-A38 <sup>9</sup> GVFLITCMVV	395	359
>FGFR2-A38 <sup>9</sup> GVFLIACMV	19	>FGFR2-A38 <sup>9</sup> GVFLITCMV	14	5
>FGFR2-A38 <sup>9</sup> GVFLIACMV\	75	>FGFR2-A38 <sup>9</sup> GVFLITCMVV	59	16
>FGFR2-A38 <sup>9</sup> GVFLIACMV	1278	>FGFR2-A38 <sup>9</sup> GVFLITCMV	322	956
>FGFR2-A38 <sup>9</sup> GVFLIACMV	37	>FGFR2-A38 <sup>9</sup> GVFLITCMV	23	14
>FGFR2-A38 <sup>9</sup> GVFLIACMV\	55	>FGFR2-A38 <sup>9</sup> GVFLITCMVV	42	13
>FGFR2-A38 <sup>9</sup> GVFLIACMV	226	>FGFR2-A38 <sup>9</sup> GVFLITCMV	76	150
>FGFR2-A38 <sup>9</sup> GVFLIACMV\	287	>FGFR2-A38 <sup>9</sup> GVFLITCMVV	157	130
>FGFR2-A38 <sup>9</sup> GVFLIACMV	746	>FGFR2-A38 <sup>9</sup> GVFLITCMV	481	265
>FGFR2-A38 <sup>9</sup> GVFLIACMV	292	>FGFR2-A38 <sup>9</sup> GVFLITCMV	794	502
>FGFR2-A38 <sup>9</sup> IGVFLIACM	983	>FGFR2-A38 <sup>9</sup> IGVFLITCM	365	618
>FGFR2-A38 <sup>9</sup> CIGVFLIACM\	184	>FGFR2-A38 <sup>9</sup> CIGVFLITCM\	132	52
>FGFR2-A38 <sup>9</sup> CIGVFLIACM\	760	>FGFR2-A38 <sup>9</sup> CIGVFLITCM\	409	351
>FGFR2-A38 <sup>9</sup> CIGVFLIACM\	354	>FGFR2-A38 <sup>9</sup> CIGVFLITCM\	165	189
>FGFR2-A38 <sup>9</sup> CIGVFLIACM\	115	>FGFR2-A38 <sup>9</sup> CIGVFLITCM\	66	49
>FGFR2-A38 <sup>9</sup> YCIGVFLIACM	35	>FGFR2-A38 <sup>9</sup> YCIGVFLITCM	92	57
>FGFR2-A38 <sup>9</sup> YCIGVFLIA	489	>FGFR2-A38 <sup>9</sup> YCIGVFLIT	3919	3430
>FGFR2-A38 <sup>9</sup> YCIGVFLIACM	241	>FGFR2-A38 <sup>9</sup> YCIGVFLITCM	142	99
>FGFR2-A38 <sup>9</sup> IYCIGVFLIA	64	>FGFR2-A38 <sup>9</sup> IYCIGVFLIT	267	203
>FGFR2-A64 <sup>8</sup> ARDINNIDYY	382	>FGFR2-A64 <sup>8</sup> TRDINNIDYY	1464	1082
>FGFR2-A64 <sup>8</sup> LARDINNIDY	2394	>FGFR2-A64 <sup>8</sup> LTRDINNIDY	98	2296
>FGFR2-A64 <sup>8</sup> LARDINNIDY\	7202	>FGFR2-A64 <sup>8</sup> LTRDINNIDY\	435	6767
>FGFR2-A64 <sup>8</sup> LARDINNIDY\	2400	>FGFR2-A64 <sup>8</sup> LTRDINNIDY\	110	2290
>FGFR2-A64 <sup>8</sup> LARDINNIDY	5836	>FGFR2-A64 <sup>8</sup> LTRDINNIDY	197	5639
>FGFR2-A64 <sup>8</sup> LARDINNIDY\	562	>FGFR2-A64 <sup>8</sup> LTRDINNIDY\	71	491
>FGFR2-A64 <sup>8</sup> LARDINNI	143	>FGFR2-A64 <sup>8</sup> LTRDINNI	27	116
>FGFR2-A64 <sup>8</sup> LARDINNIDY	844	>FGFR2-A64 <sup>8</sup> LTRDINNIDY	124	720
>FGFR2-A64 <sup>8</sup> LARDINNIDY\	710	>FGFR2-A64 <sup>8</sup> LTRDINNIDY\	122	588
>FGFR2-A64 <sup>8</sup> LARDINNIDY	847	>FGFR2-A64 <sup>8</sup> LTRDINNIDY	333	514
>FGFR2-A64 <sup>8</sup> LARDINNIDY\	106	>FGFR2-A64 <sup>8</sup> LTRDINNIDY\	34	72
>FGFR2-A64 <sup>8</sup> LARDINNIDY	479	>FGFR2-A64 <sup>8</sup> LTRDINNIDY	340	139
>FGFR2-A64 <sup>8</sup> LARDINNIDY\	261	>FGFR2-A64 <sup>8</sup> LTRDINNIDY\	190	71
>FGFR2-A64 <sup>8</sup> LARDINNIDY	294	>FGFR2-A64 <sup>8</sup> LTRDINNIDY	516	222
>FGFR2-A64 <sup>8</sup> LARDINNI	1650	>FGFR2-A64 <sup>8</sup> LTRDINNI	114	1536

>FGFR2-A64\xLARDINNIDY	65	>FGFR2-A64\xLTRDINNIDY	9	56
>FGFR2-A64\xLARDINNIDY'	60	>FGFR2-A64\xLTRDINNIDY\	9	51
>FGFR2-A64\xLARDINNIDY'	209	>FGFR2-A64\xLTRDINNIDY\	4839	4630
>FGFR2-A64\xLARDINNIDY	276	>FGFR2-A64\xLTRDINNIDY	20	256
>FGFR2-A64\xLARDINNIDY'	72	>FGFR2-A64\xLTRDINNIDY\	6	66
>FGFR2-A64\xLARDINNI	421	>FGFR2-A64\xLTRDINNI	106	315
>FGFR2-A64\xNVMKIADFGI	464	>FGFR2-A64\xNVMKIADFGI	2888	2424
>FGFR2-A64\xNVMKIADFGI	468	>FGFR2-A64\xNVMKIADFGI	3714	3246
>FGFR2-A64\xNVMKIADFGI	221	>FGFR2-A64\xNVMKIADFGI	2056	1835
>FGFR2-A64\xNVMKIADFGI	16	>FGFR2-A64\xNVMKIADFGI	138	122
>FGFR2-A64\xNVMKIADFGI	345	>FGFR2-A64\xNVMKIADFGI	1738	1393
>FGFR2-A64\xGLARDINNI	280	>FGFR2-A64\xGLTRDINNI	1684	1404
>FGFR2-A64\xGLARDINNI	8	>FGFR2-A64\xGLTRDINNI	49	41
>FGFR2-A64\xGLARDINNI	9	>FGFR2-A64\xGLTRDINNI	62	53
>FGFR2-A64\xGLARDINNI	65	>FGFR2-A64\xGLTRDINNI	172	107
>FGFR2-A64\xGLARDINNI	17	>FGFR2-A64\xGLTRDINNI	24	7
>FGFR2-A64\xGLARDINNI	41	>FGFR2-A64\xGLTRDINNI	92	51
>FGFR2-A64\xGLARDINNI	404	>FGFR2-A64\xGLTRDINNI	3181	2777
>FGFR2-A64\xGLARDINNI	15	>FGFR2-A64\xGLTRDINNI	18	3
>FGFR2-A64\xGLARDINNID	144	>FGFR2-A64\xGLTRDINNID'	356	212
>FGFR2-A64\xGLARDINNID	238	>FGFR2-A64\xGLTRDINNID'	512	274
>FGFR2-A64\xADFLGARDI	361	>FGFR2-A64\xADFLGLTRDI	148	213
>FGFR2-A64\xADFLGARDI	295	>FGFR2-A64\xADFLGLTRDI	98	197
>FGFR2-A64\xADFLGARDI	115	>FGFR2-A64\xADFLGLTRDI	180	65
>FGFR2-A64\xKIADFLA	83	>FGFR2-A64\xKIADFLGT	831	748
>FGFR2-A64\xKIADFLGARD	659	>FGFR2-A64\xKIADFLGLTRDI	389	270
>FGFR2-A64\xKIADFLA	38	>FGFR2-A64\xKIADFLGT	598	560
>FGFR2-A64\xKIADFLGARD	352	>FGFR2-A64\xKIADFLGLTRDI	181	171
>FGFR2-A64\xKIADFLA	44	>FGFR2-A64\xKIADFLGT	442	398
>FGFR2-A64\xKIADFLGAR	366	>FGFR2-A64\xKIADFLGLTR	422	56
>FGFR2-A64\xKIADFLGAR	67	>FGFR2-A64\xKIADFLGLTR	78	11
>FGFR2-A64\xKIADFLGAR	50	>FGFR2-A64\xKIADFLGLTR	62	12
>FGFR2-A64\xKIADFLGARD	84	>FGFR2-A64\xKIADFLGLTRDI	45	39
>FGFR2-A64\xKIADFLGAR	386	>FGFR2-A64\xKIADFLGLTR	230	156
>FGFR2-A64\xKIADFLGAR	16	>FGFR2-A64\xKIADFLGLTR	15	1
>FGFR2-A64\xMKIADFLGLAF	454	>FGFR2-A64\xMKIADFLGLTR	497	43
>FGFR2-A64\xMKIADFLGLAF	576	>FGFR2-A64\xMKIADFLGLTR	305	271
>FGFR2-A64\xMKIADFLGLAF	79	>FGFR2-A64\xMKIADFLGLTR	115	36
>FGFR2-A64\xMKIADFLGLAF	388	>FGFR2-A64\xMKIADFLGLTR	339	49
>FGFR2-A64\xVMKIADFLGLA	331	>FGFR2-A64\xVMKIADFLGLT	829	498
>FGFR2-A64\xVMKIADFLGLA	20	>FGFR2-A64\xVMKIADFLGLT	23	3
>FGFR2-A64\xVMKIADFLGLA	365	>FGFR2-A64\xVMKIADFLGLT	434	69
>FGFR2-A64\xVMKIADFLGLA	266	>FGFR2-A64\xVMKIADFLGLT	232	34

>FGFR2-A971ATPRDSGLY	664	>FGFR2-A971TTPRDSGLY	69	595
>FGFR2-A971ATPRDSGLY	107	>FGFR2-A971TTPRDSGLY	88	19
>FGFR2-A971ATPRDSGLY	294	>FGFR2-A971TTPRDSGLY	148	146
>FGFR2-A971ATPRDSGLY	110	>FGFR2-A971TTPRDSGLY	168	58
>FGFR2-A971ATPRDSGL	3001	>FGFR2-A971TTPRDSGL	82	2919
>FGFR2-A971ATPRDSGLYA	784	>FGFR2-A971TTPRDSGLYA	177	607
>FGFR2-A971ATPRDSGLY	362	>FGFR2-A971TTPRDSGLY	261	101
>FGFR2-A971ATPRDSGL	326	>FGFR2-A971TTPRDSGL	384	58
>FGFR2-A971ATPRDSGLY	634	>FGFR2-A971TTPRDSGLY	415	219
>FGFR2-A971ATPRDSGLYA	239	>FGFR2-A971TTPRDSGLYA	149	90
>FGFR2-A971ATPRDSGLYA	184	>FGFR2-A971TTPRDSGLYA	128	56
>FGFR2-A971ATPRDSGLY	179	>FGFR2-A971TTPRDSGLY	250	71
>FGFR2-A971GATPRDSGLY	5559	>FGFR2-A971GTTPRDSGLY	209	5350
>FGFR2-A971GATPRDSGLY	549	>FGFR2-A971GTTPRDSGLY	164	385
>FGFR2-A971GATPRDSGL	63	>FGFR2-A971GTTPRDSGL	12	51
>FGFR2-A971GATPRDSGLY	103	>FGFR2-A971GTTPRDSGLY	19	84
>FGFR2-A971GATPRDSGL	1422	>FGFR2-A971GTTPRDSGL	61	1361
>FGFR2-A971GATPRDSGLY	150	>FGFR2-A971GTTPRDSGLY	18	132
>FGFR2-A971LIGEYLQIKGA	254	>FGFR2-A971LIGEYLQIKGT	2737	2483
>FGFR2-A971LIGEYLQIKGA	195	>FGFR2-A971LIGEYLQIKGT	1217	1022
>FGFR2-A971LIGEYLQIKGA	170	>FGFR2-A971LIGEYLQIKGT	2006	1836
>FGFR2-A971KGATPRDSGL	30	>FGFR2-A971KGTTPRDSGL	58	28
>FGFR2-A971KGATPRDSGL	133	>FGFR2-A971KGTTPRDSGL	124	9
>FGFR2-A971IKGATPRDSG	270	>FGFR2-A971IKGTTPRDSG	244	26
>FGFR2-A971QIKGATPR	138	>FGFR2-A971QIKGTTPR	51	87
>FGFR2-A971QIKGATPR	572	>FGFR2-A971QIKGTTPR	356	216
>FGFR2-A971QIKGATPR	181	>FGFR2-A971QIKGTTPR	156	25
>FGFR2-A971QIKGATPR	79	>FGFR2-A971QIKGTTPR	52	27
>FGFR2-A971LQIKGATPR	115	>FGFR2-A971LQIKGTTPR	42	73
>FGFR2-A971LQIKGATPR	71	>FGFR2-A971LQIKGTTPR	49	22
>FGFR2-A971LQIKGATPR	441	>FGFR2-A971LQIKGTTPR	199	242
>FGFR2-A971YLQIKGAT	342	>FGFR2-A971YLQIKGTT	306	36
>FGFR2-A971YLQIKGAT	166	>FGFR2-A971YLQIKGTT	59	107
>FGFR2-A971YLQIKGATPR	327	>FGFR2-A971YLQIKGTTPR	333	6
>FGFR2-A971YLQIKGATPR	386	>FGFR2-A971YLQIKGTTPR	321	65
>FGFR2-A971YLQIKGATPR	639	>FGFR2-A971YLQIKGTTPR	420	219
>FGFR2-A971EYLQIKGATPI	660	>FGFR2-A971EYLQIKGTTPI	381	279
>FGFR2-A971EYLQIKGATPI	18	>FGFR2-A971EYLQIKGTTPI	14	4
>FGFR2-A971EYLQIKGATPI	127	>FGFR2-A971EYLQIKGTTPI	105	22
>FGFR2-A971EYLQIKGATPI	16	>FGFR2-A971EYLQIKGTTPI	14	2
>FGFR2-A971GEYLQIKGA	340	>FGFR2-A971GEYLQIKGT	334	6
>FGFR2-A971GEYLQIKGA	207	>FGFR2-A971GEYLQIKGT	271	64
>FGFR2-A971GEYLQIKGAT	501	>FGFR2-A971GEYLQIKGTT	372	129

>FGFR2-A971GEYLQIKGA	137	>FGFR2-A971GEYLQIKGT	825	688
>FGFR2-A971GEYLQIKGAT	361	>FGFR2-A971GEYLQIKGTT	305	56
>FGFR2-A971GEYLQIKGA	95	>FGFR2-A971GEYLQIKGT	70	25
>FGFR2-C382CIGVFLIACM'	1555	>FGFR2-C382RIGVFLIACM'	241	1314
>FGFR2-C382CIGVFLIACM'	184	>FGFR2-C382RIGVFLIACM'	18	166
>FGFR2-C382CIGVFLIACM'	1625	>FGFR2-C382RIGVFLIACM'	450	1175
>FGFR2-C382CIGVFLIACM'	760	>FGFR2-C382RIGVFLIACM'	57	703
>FGFR2-C382CIGVFLIACM'	354	>FGFR2-C382RIGVFLIACM'	311	43
>FGFR2-C382CIGVFLIACM'	115	>FGFR2-C382RIGVFLIACM'	30	85
>FGFR2-C382YCIGVFLI	194	>FGFR2-C382YRIGVFLI	6253	6059
>FGFR2-C382YCIGVFLI	279	>FGFR2-C382YRIGVFLI	2094	1815
>FGFR2-C382YCIGVFLI	312	>FGFR2-C382YRIGVFLI	287	25
>FGFR2-C382YCIGVFLI	171	>FGFR2-C382YRIGVFLI	2316	2145
>FGFR2-C382YCIGVFLIACM	35	>FGFR2-C382YRIGVFLIACM	916	881
>FGFR2-C382YCIGVFLI	173	>FGFR2-C382YRIGVFLI	2112	1939
>FGFR2-C382YCIGVFLIACM	4407	>FGFR2-C382YRIGVFLIACM	234	4173
>FGFR2-C382YCIGVFLI	18862	>FGFR2-C382YRIGVFLI	28	18834
>FGFR2-C382YCIGVFLIA	21753	>FGFR2-C382YRIGVFLIA	194	21559
>FGFR2-C382YCIGVFLIACM	17701	>FGFR2-C382YRIGVFLIACM	20	17681
>FGFR2-C382YCIGVFLI	8204	>FGFR2-C382YRIGVFLI	66	8138
>FGFR2-C382YCIGVFLIAC	17573	>FGFR2-C382YRIGVFLIAC	432	17141
>FGFR2-C382YCIGVFLIACM	2855	>FGFR2-C382YRIGVFLIACM	28	2827
>FGFR2-C382YCIGVFLIA	489	>FGFR2-C382YRIGVFLIA	2526	2037
>FGFR2-C382YCIGVFLIACM	241	>FGFR2-C382YRIGVFLIACM	2552	2311
>FGFR2-C382YCIGVFLI	1131	>FGFR2-C382YRIGVFLI	96	1035
>FGFR2-C382YCIGVFLIACM	39082	>FGFR2-C382YRIGVFLIACM	432	38650
>FGFR2-C382IYCIGVFL	211	>FGFR2-C382IYRIGVFL	2308	2097
>FGFR2-C382IYCIGVFLI	110	>FGFR2-C382IYRIGVFLI	84	26
>FGFR2-C382IYCIGVFL	201	>FGFR2-C382IYRIGVFL	242	41
>FGFR2-C382IYCIGVFLI	24	>FGFR2-C382IYRIGVFLI	29	5
>FGFR2-C382IYCIGVFL	18	>FGFR2-C382IYRIGVFL	40	22
>FGFR2-C382IYCIGVFLI	19	>FGFR2-C382IYRIGVFLI	37	18
>FGFR2-C382IYCIGVFL	6105	>FGFR2-C382IYRIGVFL	36	6069
>FGFR2-C382IYCIGVFLI	5726	>FGFR2-C382IYRIGVFLI	25	5701
>FGFR2-C382IYCIGVFLIA	5465	>FGFR2-C382IYRIGVFLIA	23	5442
>FGFR2-C382IYCIGVFLIA	64	>FGFR2-C382IYRIGVFLIA	91	27
>FGFR2-C382IYCIGVFL	647	>FGFR2-C382IYRIGVFL	423	224
>FGFR2-C382AIYCIGVFL	77	>FGFR2-C382AIYRIGVFL	301	224
>FGFR2-C382AIYCIGVFLI	257	>FGFR2-C382AIYRIGVFLI	616	359
>FGFR2-C382AIYCIGVFL	16	>FGFR2-C382AIYRIGVFL	30	14
>FGFR2-C382AIYCIGVFLI	80	>FGFR2-C382AIYRIGVFLI	146	66
>FGFR2-C382AIYCIGVFL	65	>FGFR2-C382AIYRIGVFL	161	96
>FGFR2-C382AIYCIGVFLI	167	>FGFR2-C382AIYRIGVFLI	122	45



>FGFR2-C382AIYCIGVFLIA	85	>FGFR2-C382AIYRIGVFLIA	182	97
>FGFR2-C382AIYCIGVFL	77	>FGFR2-C382AIYRIGVFL	108	31
>FGFR2-C382AIYCIGVFLI	268	>FGFR2-C382AIYRIGVFLI	579	311
>FGFR2-C382AIYCIGVFLIA	193	>FGFR2-C382AIYRIGVFLIA	283	90
>FGFR2-C382AIYCIGVFL	13	>FGFR2-C382AIYRIGVFL	22	9
>FGFR2-C382AIYCIGVFLI	9	>FGFR2-C382AIYRIGVFLI	14	5
>FGFR2-C382AIYCIGVFLIA	244	>FGFR2-C382AIYRIGVFLIA	441	197
>FGFR2-C382AIYCIGVFL	99	>FGFR2-C382AIYRIGVFL	1053	954
>FGFR2-C382AIYCIGVFLI	152	>FGFR2-C382AIYRIGVFLI	794	642
>FGFR2-C382AIYCIGVFL	54	>FGFR2-C382AIYRIGVFL	43	11
>FGFR2-C382AIYCIGVFLI	62	>FGFR2-C382AIYRIGVFLI	52	10
>FGFR2-C382AIYCIGVFL	142	>FGFR2-C382AIYRIGVFL	30	112
>FGFR2-C382AIYCIGVFLI	155	>FGFR2-C382AIYRIGVFLI	41	114
>FGFR2-C382AIYCIGVFLIA	1360	>FGFR2-C382AIYRIGVFLIA	315	1045
>FGFR2-C382AIYCIGVF	628	>FGFR2-C382AIYRIGVF	438	190
>FGFR2-C382AIYCIGVF	185	>FGFR2-C382AIYRIGVF	173	12
>FGFR2-C382AIYCIGVFL	238	>FGFR2-C382AIYRIGVFL	221	17
>FGFR2-C382AIYCIGVFLI	75	>FGFR2-C382AIYRIGVFLI	71	4
>FGFR2-C382AIYCIGVFL	324	>FGFR2-C382AIYRIGVFL	1474	1150
>FGFR2-C382AIYCIGVFLI	355	>FGFR2-C382AIYRIGVFLI	1126	771
>FGFR2-C382AIYCIGVF	58	>FGFR2-C382AIYRIGVF	78	20
>FGFR2-C382AIYCIGVF	65	>FGFR2-C382AIYRIGVF	100	35
>FGFR2-C382AIYCIGVFL	368	>FGFR2-C382AIYRIGVFL	545	177
>FGFR2-C382AIYCIGVF	345	>FGFR2-C382AIYRIGVF	402	57
>FGFR2-C382AIYCIGVF	2722	>FGFR2-C382AIYRIGVF	266	2456
>FGFR2-C382IAIYCIGVF	947	>FGFR2-C382IAIYRIGVF	265	682
>FGFR2-C382IAIYCIGVFLI	902	>FGFR2-C382IAIYRIGVFLI	416	486
>FGFR2-C382IAIYCIGV	267	>FGFR2-C382IAIYRIGV	1788	1521
>FGFR2-C382IAIYCIGVFLI	491	>FGFR2-C382IAIYRIGVFLI	1019	528
>FGFR2-C382IAIYCIGVFL	279	>FGFR2-C382IAIYRIGVFL	872	593
>FGFR2-C382IAIYCIGV	334	>FGFR2-C382IAIYRIGV	471	137
>FGFR2-C382IAIYCIGV	36	>FGFR2-C382IAIYRIGV	101	65
>FGFR2-C382IAIYCIGVFL	488	>FGFR2-C382IAIYRIGVFL	1276	788
>FGFR2-C382IAIYCIGVFLI	121	>FGFR2-C382IAIYRIGVFLI	164	43
>FGFR2-C382IAIYCIGVF	280	>FGFR2-C382IAIYRIGVF	488	208
>FGFR2-C382IAIYCIGV	81	>FGFR2-C382IAIYRIGV	128	47
>FGFR2-C382IAIYCIGVFLI	108	>FGFR2-C382IAIYRIGVFLI	323	215
>FGFR2-C382IAIYCIGVF	81	>FGFR2-C382IAIYRIGVF	88	7
>FGFR2-C382IAIYCIGVF	58	>FGFR2-C382IAIYRIGVF	149	91
>FGFR2-C382IAIYCIGVFL	351	>FGFR2-C382IAIYRIGVFL	723	372
>FGFR2-C382IAIYCIGVF	22	>FGFR2-C382IAIYRIGVF	13	9
>FGFR2-C382IAIYCIGVFL	195	>FGFR2-C382IAIYRIGVFL	130	65
>FGFR2-C382IAIYCIGVFLI	367	>FGFR2-C382IAIYRIGVFLI	251	116

>FGFR2-C382IAIYCIGVF	118	>FGFR2-C382IAIYRIGVF	1088	970
>FGFR2-C382IAIYCIGVFLI	162	>FGFR2-C382IAIYRIGVFLI	617	455
>FGFR2-C382IAIYCIGVF	121	>FGFR2-C382IAIYRIGVF	383	262
>FGFR2-C382IAIYCIGVFLI	137	>FGFR2-C382IAIYRIGVFLI	264	127
>FGFR2-C382IAIYCIGVF	92	>FGFR2-C382IAIYRIGVF	305	213
>FGFR2-C382IAIYCIGVFLI	142	>FGFR2-C382IAIYRIGVFLI	153	11
>FGFR2-C382EIAIYCIGVFL	187	>FGFR2-C382EIAIYRIGVFL	394	207
>FGFR2-C382EIAIYCIGV	367	>FGFR2-C382EIAIYRIGV	1504	1137
>FGFR2-C382EIAIYCIGV	416	>FGFR2-C382EIAIYRIGV	927	511
>FGFR2-C382EIAIYCIGV	359	>FGFR2-C382EIAIYRIGV	4826	4467
>FGFR2-C382EIAIYCIGV	82	>FGFR2-C382EIAIYRIGV	86	4
>FGFR2-C382EIAIYCIGVF	199	>FGFR2-C382EIAIYRIGVF	325	126
>FGFR2-C382EIAIYCIGVF	94	>FGFR2-C382EIAIYRIGVF	84	10
>FGFR2-C382EIAIYCIGV	19	>FGFR2-C382EIAIYRIGV	10	9
>FGFR2-C382EIAIYCIGVFL	27	>FGFR2-C382EIAIYRIGVFL	19	8
>FGFR2-C382EIAIYCIGV	6	>FGFR2-C382EIAIYRIGV	6	0
>FGFR2-C382EIAIYCIGVFL	37	>FGFR2-C382EIAIYRIGVFL	54	17
>FGFR2-C382LEIAIYCI	186	>FGFR2-C382LEIAIYRI	743	557
>FGFR2-C382LEIAIYCIGV	101	>FGFR2-C382LEIAIYRIGV	220	119
>FGFR2-C382LEIAIYCIGVF	90	>FGFR2-C382LEIAIYRIGVF	141	51
>FGFR2-C382LEIAIYCIGVF	132	>FGFR2-C382LEIAIYRIGVF	174	42
>FGFR2-C382LEIAIYCI	256	>FGFR2-C382LEIAIYRI	570	314
>FGFR2-C382LEIAIYCIGVF	20	>FGFR2-C382LEIAIYRIGVF	26	6
>FGFR2-C382LEIAIYCI	44	>FGFR2-C382LEIAIYRI	59	15
>FGFR2-C382LEIAIYCIGVF	32	>FGFR2-C382LEIAIYRIGVF	68	36
>FGFR2-C382LEIAIYCI	42	>FGFR2-C382LEIAIYRI	158	116
>FGFR2-C382LEIAIYCIGV	623	>FGFR2-C382LEIAIYRIGV	478	145
>FGFR2-C382LEIAIYCIGVF	134	>FGFR2-C382LEIAIYRIGVF	253	119
>FGFR2-C382LEIAIYCI	260	>FGFR2-C382LEIAIYRI	844	584
>FGFR2-C382LEIAIYCI	355	>FGFR2-C382LEIAIYRI	411	56
>FGFR2-C382LEIAIYCIGVF	92	>FGFR2-C382LEIAIYRIGVF	133	41
>FGFR2-C382LEIAIYCI	470	>FGFR2-C382LEIAIYRI	1017	547
>FGFR2-C382LEIAIYCI	8	>FGFR2-C382LEIAIYRI	9	1
>FGFR2-C382LEIAIYCIGV	16	>FGFR2-C382LEIAIYRIGV	40	24
>FGFR2-C382LEIAIYCIGVF	40	>FGFR2-C382LEIAIYRIGVF	83	43
>FGFR2-C382YLEIAIYCI	30	>FGFR2-C382YLEIAIYRI	29	1
>FGFR2-C382YLEIAIYCIGV	22	>FGFR2-C382YLEIAIYRIGV	38	16
>FGFR2-C382YLEIAIYCI	14	>FGFR2-C382YLEIAIYRI	13	1
>FGFR2-C382YLEIAIYCIGV	10	>FGFR2-C382YLEIAIYRIGV	19	9
>FGFR2-C382YLEIAIYCI	499	>FGFR2-C382YLEIAIYRI	116	383
>FGFR2-C382YLEIAIYCIGV	36	>FGFR2-C382YLEIAIYRIGV	44	8
>FGFR2-C382YLEIAIYCIGV	26	>FGFR2-C382YLEIAIYRIGV	52	26
>FGFR2-C382YLEIAIYC	25	>FGFR2-C382YLEIAIYR	3646	3621

>FGFR2-C382YLEIAIYCI	12	>FGFR2-C382YLEIAIYRI	5	7
>FGFR2-C382YLEIAIYCIGV	3	>FGFR2-C382YLEIAIYRIGV	4	1
>FGFR2-C382YLEIAIYC	174	>FGFR2-C382YLEIAIYR	15766	15592
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>FGFR2-C382YLEIAIYCIGV	6	>FGFR2-C382YLEIAIYRIGV	9	3
>FGFR2-C382YLEIAIYCI	22	>FGFR2-C382YLEIAIYRI	36	14
>FGFR2-C382YLEIAIYCIGV	7	>FGFR2-C382YLEIAIYRIGV	10	3
>FGFR2-C382YLEIAIYCI	32	>FGFR2-C382YLEIAIYRI	50	18
>FGFR2-C382YLEIAIYCIGV	8	>FGFR2-C382YLEIAIYRIGV	39	31
>FGFR2-C382YLEIAIYC	9	>FGFR2-C382YLEIAIYR	1596	1587
>FGFR2-C382YLEIAIYCI	8	>FGFR2-C382YLEIAIYRI	3	5
>FGFR2-C382YLEIAIYCIGV	2	>FGFR2-C382YLEIAIYRIGV	2	0
>FGFR2-C382YLEIAIYC	22448	>FGFR2-C382YLEIAIYR	191	22257
>FGFR2-C382YLEIAIYC	36636	>FGFR2-C382YLEIAIYR	354	36282
>FGFR2-C382YLEIAIYC	34654	>FGFR2-C382YLEIAIYR	33	34621
>FGFR2-C382YLEIAIYCIGV	444	>FGFR2-C382YLEIAIYRIGV	383	61
>FGFR2-C382YLEIAIYC	32762	>FGFR2-C382YLEIAIYR	47	32715
>FGFR2-C382DYLEIAIYCI	425	>FGFR2-C382DYLEIAIYRI	1517	1092
>FGFR2-C382DYLEIAIYCI	106	>FGFR2-C382DYLEIAIYRI	276	170
>FGFR2-C382DYLEIAIYCI	330	>FGFR2-C382DYLEIAIYRI	95	235
>FGFR2-C382DYLEIAIYC	22350	>FGFR2-C382DYLEIAIYR	276	22074
>FGFR2-C382DYLEIAIYC	7618	>FGFR2-C382DYLEIAIYR	6	7612
>FGFR2-C382DYLEIAIYC	33856	>FGFR2-C382DYLEIAIYR	35	33821
>FGFR2-C382DYLEIAIYC	19304	>FGFR2-C382DYLEIAIYR	10	19294
>FGFR2-C382PDYLEIAIYCI	287	>FGFR2-C382PDYLEIAIYRI	1453	1166
>FGFR2-C382PDYLEIAIYCI	605	>FGFR2-C382PDYLEIAIYRI	444	161
>FGFR2-C382PDYLEIAIYCI	241	>FGFR2-C382PDYLEIAIYRI	156	85
>FGFR2-C382PDYLEIAIYC	34335	>FGFR2-C382PDYLEIAIYR	222	34113
>FGFR2-C382PDYLEIAIYCI	30	>FGFR2-C382PDYLEIAIYRI	23	7
>FGFR2-D10:DSGLYACTAS	3158	>FGFR2-D10:YSGLYACTAS	309	2849
>FGFR2-D10:DSGLYACTAS	79	>FGFR2-D10:YSGLYACTAS	477	398
>FGFR2-D10:DSGLYACTAS	68	>FGFR2-D10:YSGLYACTAS	46	22
>FGFR2-D10:DSGLYACTAS	1603	>FGFR2-D10:YSGLYACTAS	336	1267
>FGFR2-D10:RDSGLYAC	22083	>FGFR2-D10:RYSGLYAC	169	21914
>FGFR2-D10:RDSGLYACTA	22550	>FGFR2-D10:RYSGLYACTA	320	22230
>FGFR2-D10:RDSGLYACTA	12556	>FGFR2-D10:RYSGLYACTA	186	12370
>FGFR2-D10:RDSGLYAC	25592	>FGFR2-D10:RYSGLYAC	194	25398
>FGFR2-D10:YLQIKGATPR	1677	>FGFR2-D10:YLQIKGATPR'	173	1504
>FGFR2-D10:YLQIKGATPR	22467	>FGFR2-D10:YLQIKGATPR'	34	22433
>FGFR2-D10:YLQIKGATPR	26531	>FGFR2-D10:YLQIKGATPR'	128	26403
>FGFR2-D10:YLQIKGATPR	25639	>FGFR2-D10:YLQIKGATPR'	197	25442
>FGFR2-D10:YLQIKGATPR	18726	>FGFR2-D10:YLQIKGATPR'	83	18643
>FGFR2-D10:YLQIKGATPR	23746	>FGFR2-D10:YLQIKGATPR'	59	23687

>FGFR2-D10:YLQIKGATPR	21160	>FGFR2-D10:YLQIKGATPR'	100	21060
>FGFR2-D10:YLQIKGATPR	38046	>FGFR2-D10:YLQIKGATPR'	498	37548
>FGFR2-D10:PRDSGLYAC	8150	>FGFR2-D10:PRYSGLYAC	469	7681
>FGFR2-D10:TPRDSGLYA	55	>FGFR2-D10:TPRYSGLYA	50	5
>FGFR2-D10:TPRDSGLYAC	156	>FGFR2-D10:TPRYSGLYAC	190	34
>FGFR2-D10:TPRDSGLY	470	>FGFR2-D10:TPRYSGLY	430	40
>FGFR2-D10:TPRDSGLY	136	>FGFR2-D10:TPRYSGLY	150	14
>FGFR2-D10:TPRDSGLYAC	612	>FGFR2-D10:TPRYSGLYAC	136	476
>FGFR2-D10:ATPRDSGL	8038	>FGFR2-D10:ATPRYSGL	9	8029
>FGFR2-D10:ATPRDSGLY	676	>FGFR2-D10:ATPRYSGLY	204	472
>FGFR2-D10:ATPRDSGLY	664	>FGFR2-D10:ATPRYSGLY	372	292
>FGFR2-D10:ATPRDSGLY	107	>FGFR2-D10:ATPRYSGLY	158	51
>FGFR2-D10:ATPRDSGLY	294	>FGFR2-D10:ATPRYSGLY	125	169
>FGFR2-D10:ATPRDSGLYA	1835	>FGFR2-D10:ATPRYSGLYA	475	1360
>FGFR2-D10:ATPRDSGLY	110	>FGFR2-D10:ATPRYSGLY	150	40
>FGFR2-D10:ATPRDSGLYA	784	>FGFR2-D10:ATPRYSGLYA	290	494
>FGFR2-D10:ATPRDSGLY	362	>FGFR2-D10:ATPRYSGLY	96	266
>FGFR2-D10:ATPRDSGLY	1540	>FGFR2-D10:ATPRYSGLY	305	1235
>FGFR2-D10:ATPRDSGL	326	>FGFR2-D10:ATPRYSGL	62	264
>FGFR2-D10:ATPRDSGLY	634	>FGFR2-D10:ATPRYSGLY	44	590
>FGFR2-D10:ATPRDSGLYA	239	>FGFR2-D10:ATPRYSGLYA	43	196
>FGFR2-D10:ATPRDSGLYA	184	>FGFR2-D10:ATPRYSGLYA	38	146
>FGFR2-D10:ATPRDSGLY	179	>FGFR2-D10:ATPRYSGLY	60	119
>FGFR2-D10:GATPRDSGL	63	>FGFR2-D10:GATPRYSGL	116	53
>FGFR2-D10:GATPRDSGLY	103	>FGFR2-D10:GATPRYSGLY	76	27
>FGFR2-D10:GATPRDSGLY	150	>FGFR2-D10:GATPRYSGLY	122	28
>FGFR2-D10:KGATPRDSGL	1740	>FGFR2-D10:KGATPRYSGL	486	1254
>FGFR2-D10:KGATPRDSGL	30	>FGFR2-D10:KGATPRYSGL	18	12
>FGFR2-D10:KGATPRDSGL	133	>FGFR2-D10:KGATPRYSGL	103	30
>FGFR2-D10:KGATPRDSGL	797	>FGFR2-D10:KGATPRYSGL	400	397
>FGFR2-D10:IKGATPRD	18516	>FGFR2-D10:IKGATPRY	52	18464
>FGFR2-D10:IKGATPRDSG	270	>FGFR2-D10:IKGATPRYSGI	103	167
>FGFR2-D10:QIKGATPRD	32846	>FGFR2-D10:QIKGATPRY	58	32788
>FGFR2-D10:QIKGATPRD	26103	>FGFR2-D10:QIKGATPRY	265	25838
>FGFR2-D10:QIKGATPRD	29749	>FGFR2-D10:QIKGATPRY	157	29592
>FGFR2-D10:QIKGATPRD	21766	>FGFR2-D10:QIKGATPRY	201	21565
>FGFR2-D10:QIKGATPRD	38647	>FGFR2-D10:QIKGATPRY	479	38168
>FGFR2-D10:LQIKGATPRD	29841	>FGFR2-D10:LQIKGATPRY	117	29724
>FGFR2-D10:LQIKGATPRD	6940	>FGFR2-D10:LQIKGATPRY	40	6900
>FGFR2-D10:LQIKGATPRD	28087	>FGFR2-D10:LQIKGATPRY	334	27753
>FGFR2-D10:LQIKGATPRD	13580	>FGFR2-D10:LQIKGATPRY	14	13566
>FGFR2-D28:DAQPHIQWII	1472	>FGFR2-D28:NAQPHIQWII	360	1112
>FGFR2-D28:DAQPHIQWII	102	>FGFR2-D28:NAQPHIQWII	61	41

>FGFR2-D28:DAQPHIQW	396	>FGFR2-D28:NAQPHIQW	77	319
>FGFR2-D28:DAQPHIQW	413	>FGFR2-D28:NAQPHIQW	198	215
>FGFR2-D28:DAQPHIQW	969	>FGFR2-D28:NAQPHIQW	124	845
>FGFR2-D28:DAQPHIQW	397	>FGFR2-D28:NAQPHIQW	352	45
>FGFR2-D28:DAQPHIQWI	927	>FGFR2-D28:NAQPHIQWI	130	797
>FGFR2-D28:SDAQPHIQW	337	>FGFR2-D28:SNAQPHIQW	9387	9050
>FGFR2-D28:YSDAQPHIQV	432	>FGFR2-D28:YSNAQPHIQV	811	379
>FGFR2-D28:YSDAQPHI	196	>FGFR2-D28:YSNAQPHI	119	77
>FGFR2-D28:YSDAQPHIQV	6	>FGFR2-D28:YSNAQPHIQV	4	2
>FGFR2-D28:YSDAQPHIQV	76	>FGFR2-D28:YSNAQPHIQV	65	11
>FGFR2-D28:YSDAQPHIQV	68	>FGFR2-D28:YSNAQPHIQV	34	34
>FGFR2-D28:YSDAQPHI	198	>FGFR2-D28:YSNAQPHI	45	153
>FGFR2-D28:YSDAQPHIQV	10	>FGFR2-D28:YSNAQPHIQV	9	1
>FGFR2-D28:YSDAQPHIQV	1941	>FGFR2-D28:YSNAQPHIQV	440	1501
>FGFR2-D28:YSDAQPHIQV	513	>FGFR2-D28:YSNAQPHIQV	474	39
>FGFR2-D28:YSDAQPHI	153	>FGFR2-D28:YSNAQPHI	96	57
>FGFR2-D28:YSDAQPHIQV	219	>FGFR2-D28:YSNAQPHIQV	142	77
>FGFR2-D28:VYSDAQPHI	344	>FGFR2-D28:VYSNAQPHI	199	145
>FGFR2-D28:VYSDAQPHIC	670	>FGFR2-D28:VYSNAQPHIC	425	245
>FGFR2-D28:VYSDAQPHI	535	>FGFR2-D28:VYSNAQPHI	266	269
>FGFR2-D28:VYSDAQPHIC	536	>FGFR2-D28:VYSNAQPHIC	311	225
>FGFR2-D28:VYSDAQPHI	62	>FGFR2-D28:VYSNAQPHI	29	33
>FGFR2-D28:VYSDAQPHIC	38	>FGFR2-D28:VYSNAQPHIC	19	19
>FGFR2-D28:KVYSDAQPHI	379	>FGFR2-D28:KVYSNAQPHI	761	382
>FGFR2-D28:KVYSDAQPHI	141	>FGFR2-D28:KVYSNAQPHI	93	48
>FGFR2-D28:KVYSDAQPHI	536	>FGFR2-D28:KVYSNAQPHI	338	198
>FGFR2-D28:KVYSDAQPHI	75	>FGFR2-D28:KVYSNAQPHI	94	19
>FGFR2-D28:KVYSDAQPH	585	>FGFR2-D28:KVYSNAQPH	211	374
>FGFR2-D28:KVYSDAQPHI	84	>FGFR2-D28:KVYSNAQPHI	19	65
>FGFR2-D28:KVYSDAQPHI	150	>FGFR2-D28:KVYSNAQPHI	69	81
>FGFR2-D28:KVYSDAQPHI	443	>FGFR2-D28:KVYSNAQPHI	218	225
>FGFR2-D28:KVYSDAQPHI	133	>FGFR2-D28:KVYSNAQPHI	96	37
>FGFR2-D28:CKVYSDAQPH	237	>FGFR2-D28:CKVYSNAQPH	125	112
>FGFR2-D28:CKVYSDAQPH	256	>FGFR2-D28:CKVYSNAQPH	101	155
>FGFR2-D28:CKVYSDAQPH	483	>FGFR2-D28:CKVYSNAQPH	511	28
>FGFR2-D28:FVCKVYSDA	2340	>FGFR2-D28:FVCKVYSNA	301	2039
>FGFR2-D28:FVCKVYSDA	252	>FGFR2-D28:FVCKVYSNA	63	189
>FGFR2-D28:FVCKVYSDA	846	>FGFR2-D28:FVCKVYSNA	260	586
>FGFR2-D28:FVCKVYSDA	979	>FGFR2-D28:FVCKVYSNA	160	819
>FGFR2-D28:VEFVCKVYSD	367	>FGFR2-D28:VEFVCKVYSN	364	3
>FGFR2-D28:VEFVCKVYSD	299	>FGFR2-D28:VEFVCKVYSN	157	142
>FGFR2-D28:VEFVCKVYSD	431	>FGFR2-D28:VEFVCKVYSN	426	5
>FGFR2-D53(DLVSEMEM	5524	>FGFR2-D53(NLVSEMEM	203	5321

>FGFR2-D53(DLVSEMEMM	4091	>FGFR2-D53(NLVSEMEMM	93	3998
>FGFR2-D53(DLVSEMEMM	6183	>FGFR2-D53(NLVSEMEMM	235	5948
>FGFR2-D53(DLVSEMEMM	659	>FGFR2-D53(NLVSEMEMM	147	512
>FGFR2-D53(DLVSEMEMM	553	>FGFR2-D53(NLVSEMEMM	145	408
>FGFR2-D53(DLVSEMEMM	362	>FGFR2-D53(NLVSEMEMM	2500	2138
>FGFR2-D53(DLVSEMEMM	191	>FGFR2-D53(NLVSEMEMM	1359	1168
>FGFR2-D53(DLVSEMEM	144	>FGFR2-D53(NLVSEMEM	586	442
>FGFR2-D53(DLVSEMEMM	9	>FGFR2-D53(NLVSEMEMM	30	21
>FGFR2-D53(DLVSEMEMM	22	>FGFR2-D53(NLVSEMEMM	106	84
>FGFR2-D53(DLVSEMEMM	184	>FGFR2-D53(NLVSEMEMM	101	83
>FGFR2-D53(SDLVSEMEM	2924	>FGFR2-D53(SNLVSEMEM	434	2490
>FGFR2-D53(SDLVSEMEM	284	>FGFR2-D53(SNLVSEMEM	11141	10857
>FGFR2-D53(SDLVSEMEM	182	>FGFR2-D53(SNLVSEMEM	6608	6426
>FGFR2-D53(LSDLVSEM	76	>FGFR2-D53(LSNLVSEM	42	34
>FGFR2-D53(LSDLVSEMEN	141	>FGFR2-D53(LSNLVSEMEN	88	53
>FGFR2-D53(LSDLVSEMEN	192	>FGFR2-D53(LSNLVSEMEN	105	87
>FGFR2-D53(LSDLVSEM	604	>FGFR2-D53(LSNLVSEM	105	499
>FGFR2-D53(LSDLVSEMEN	274	>FGFR2-D53(LSNLVSEMEN	54	220
>FGFR2-D53(LSDLVSEMEN	1212	>FGFR2-D53(LSNLVSEMEN	197	1015
>FGFR2-D53(LSDLVSEM	215	>FGFR2-D53(LSNLVSEM	657	442
>FGFR2-D53(LSDLVSEMEN	47	>FGFR2-D53(LSNLVSEMEN	33	14
>FGFR2-D53(LSDLVSEMEN	47	>FGFR2-D53(LSNLVSEMEN	24	23
>FGFR2-D53(DLSDLVSEM	410	>FGFR2-D53(DLSNLVSEM	1666	1256
>FGFR2-D53(DLSDLVSEM	194	>FGFR2-D53(DLSNLVSEM	1148	954
>FGFR2-D53(DLSDLVSEM	204	>FGFR2-D53(DLSNLVSEM	1684	1480
>FGFR2-D53(DLSDLVSEME	354	>FGFR2-D53(DLSNLVSEME	2031	1677
>FGFR2-D53(TEKDLSDLV	23	>FGFR2-D53(TEKDLSNLV	26	3
>FGFR2-D53(TEKDLSDL	396	>FGFR2-D53(TEKDLSNL	359	37
>FGFR2-D53(TEKDLSDL	182	>FGFR2-D53(TEKDLSNL	103	79
>FGFR2-D53(TEKDLSDLV	334	>FGFR2-D53(TEKDLSNLV	300	34
>FGFR2-D53(TEKDLSDLV	27	>FGFR2-D53(TEKDLSNLV	32	5
>FGFR2-D53(ATEKDLSDL	1716	>FGFR2-D53(ATEKDLSNL	433	1283
>FGFR2-D53(ATEKDLSDL	1225	>FGFR2-D53(ATEKDLSNL	179	1046
>FGFR2-D53(ATEKDLSDL	202	>FGFR2-D53(ATEKDLSNL	93	109
>FGFR2-D53(DATEKDLSDL	159	>FGFR2-D53(DATEKDLSNL	123	36
>FGFR2-E16C(EKMEKRLHA)	925	>FGFR2-E16C(AKMEKRLHA)	69	856
>FGFR2-E16C(TEKMEKRL	41	>FGFR2-E16C(TAKMEKRL	23493	23452
>FGFR2-E16C(TEKMEKRLH/	51	>FGFR2-E16C(TAKMEKRLH/	16879	16828
>FGFR2-E16C(TEKMEKRLH/	1424	>FGFR2-E16C(TAKMEKRLH/	297	1127
>FGFR2-E16C(TEKMEKRLH/	386	>FGFR2-E16C(TAKMEKRLH/	36934	36548
>FGFR2-E16C(TEKMEKRLH/	266	>FGFR2-E16C(TAKMEKRLH/	32064	31798
>FGFR2-E16C(TEKMEKRLH/	331	>FGFR2-E16C(TAKMEKRLH/	29665	29334
>FGFR2-E16C(NTEKMEKR	35	>FGFR2-E16C(NTAKMEKR	6	29

>FGFR2-E16C NTEKMEKRLI	10034	>FGFR2-E16C NTAKMEKRLI	336	9698
>FGFR2-E16C TNTEKMEKR	392	>FGFR2-E16C TNTAKMEKR	446	54
>FGFR2-E16C WTNTEKMEK	207	>FGFR2-E16C WTNTAKMEK	119	88
>FGFR2-E16C WTNTEKMEK	201	>FGFR2-E16C WTNTAKMEK	85	116
>FGFR2-E16C WTNTEKMEK	266	>FGFR2-E16C WTNTAKMEK	90	176
>FGFR2-E16C WTNTEKMEK	209	>FGFR2-E16C WTNTAKMEK	133	76
>FGFR2-E16C WTNTEKMEK	261	>FGFR2-E16C WTNTAKMEK	138	123
>FGFR2-E16C YWTNTEKME	551	>FGFR2-E16C YWTNTAKME	419	132
>FGFR2-E16C YWTNTEKME	58	>FGFR2-E16C YWTNTAKME	41	17
>FGFR2-E16C YWTNTEKM	450	>FGFR2-E16C YWTNTAKM	514	64
>FGFR2-E16C PYWTNTEKM	600	>FGFR2-E16C PYWTNTAKM	497	103
>FGFR2-E16C PYWTNTEKM	471	>FGFR2-E16C PYWTNTAKM	677	206
>FGFR2-E16C PYWTNTEK	284	>FGFR2-E16C PYWTNTAK	129	155
>FGFR2-E16C PYWTNTEKM	160	>FGFR2-E16C PYWTNTAKM	139	21
>FGFR2-E16C APYWTNTEKI	110	>FGFR2-E16C APYWTNTAK	131	21
>FGFR2-E16C APYWTNTE	6633	>FGFR2-E16C APYWTNTA	109	6524
>FGFR2-E16C APYWTNTEKI	447	>FGFR2-E16C APYWTNTAK	156	291
>FGFR2-E16C APYWTNTE	1170	>FGFR2-E16C APYWTNTA	395	775
>FGFR2-E16C APYWTNTE	1810	>FGFR2-E16C APYWTNTA	20	1790
>FGFR2-E16C ROPYWTNTEI	41	>FGFR2-E16C ROPYWTNTA	36	5
>FGFR2-E16C ROPYWTNTEI	45	>FGFR2-E16C ROPYWTNTA	53	8
>FGFR2-E16C ROPYWTNTEI	571	>FGFR2-E16C ROPYWTNTA	373	198
>FGFR2-E16C ROPYWTNTEI	416	>FGFR2-E16C ROPYWTNTA	457	41
>FGFR2-E16C ROPYWTNTEI	1754	>FGFR2-E16C ROPYWTNTA	403	1351
>FGFR2-E16C ROPYWTNTEI	28	>FGFR2-E16C ROPYWTNTA	9	19
>FGFR2-E16C KROPYWTNT	1201	>FGFR2-E16C KROPYWTNT	222	979
>FGFR2-E16C KROPYWTNT	88	>FGFR2-E16C KROPYWTNT	74	14
>FGFR2-E16C KROPYWTNT	202	>FGFR2-E16C KROPYWTNT	278	76
>FGFR2-E16C KROPYWTNT	122	>FGFR2-E16C KROPYWTNT	135	13
>FGFR2-E21C ESVVPSDK	10570	>FGFR2-E21C KSVVPSDK	427	10143
>FGFR2-E21C ESVVPSDK	3690	>FGFR2-E21C KSVVPSDK	134	3556
>FGFR2-E21C ESVVPSDKGM	9	>FGFR2-E21C KSVVPSDKGM	414	405
>FGFR2-E21C ESVVPSDKGM	104	>FGFR2-E21C KSVVPSDKGM	2909	2805
>FGFR2-E21C ESVVPSDK	15357	>FGFR2-E21C KSVVPSDK	203	15154
>FGFR2-E21C ESVVPSDKGM	714	>FGFR2-E21C KSVVPSDKGM	53	661
>FGFR2-E21C ESVVPSDK	56	>FGFR2-E21C KSVVPSDK	5318	5262
>FGFR2-E21C ESVVPSDKGM	66	>FGFR2-E21C KSVVPSDKGM	7	59
>FGFR2-E21C ESVVPSDKGM	15014	>FGFR2-E21C KSVVPSDKGM	221	14793
>FGFR2-E21C ESVVPSDKGM	1072	>FGFR2-E21C KSVVPSDKGM	76	996
>FGFR2-E21C MESVVPSDK	7804	>FGFR2-E21C MKSVVPSDK	408	7396
>FGFR2-E21C VRNQHWSLII	9847	>FGFR2-E21C VRNQHWSLII	200	9647
>FGFR2-E21C VRNQHWSLII	9238	>FGFR2-E21C VRNQHWSLII	273	8965
>FGFR2-E21C IMESVVPS	4848	>FGFR2-E21C IMKSVVPS	242	4606

>FGFR2-E21 $\epsilon$ IMESVVPSDK	160	>FGFR2-E21 $\epsilon$ IMKSVVPSDK	57	103
>FGFR2-E21 $\epsilon$ IMESVVPSDK	249	>FGFR2-E21 $\epsilon$ IMKSVVPSDK	195	54
>FGFR2-E21 $\epsilon$ IMESVVPSDK	8318	>FGFR2-E21 $\epsilon$ IMKSVVPSDK	102	8216
>FGFR2-E21 $\epsilon$ IMESVVPS	5123	>FGFR2-E21 $\epsilon$ IMKSVVPS	416	4707
>FGFR2-E21 $\epsilon$ IMESVVPSDK	4808	>FGFR2-E21 $\epsilon$ IMKSVVPSDK	343	4465
>FGFR2-E21 $\epsilon$ LIMESVVPS	497	>FGFR2-E21 $\epsilon$ LIMKSVVPS	4584	4087
>FGFR2-E21 $\epsilon$ LIMESVVPS	282	>FGFR2-E21 $\epsilon$ LIMKSVVPS	1352	1070
>FGFR2-E21 $\epsilon$ LIMESVVPS	153	>FGFR2-E21 $\epsilon$ LIMKSVVPS	982	829
>FGFR2-E21 $\epsilon$ LIMESVVPS	69	>FGFR2-E21 $\epsilon$ LIMKSVVPS	794	725
>FGFR2-E21 $\epsilon$ LIMESVVPSD	71	>FGFR2-E21 $\epsilon$ LIMKSVVPSD	58	13
>FGFR2-E21 $\epsilon$ LIMESVVPSD	30	>FGFR2-E21 $\epsilon$ LIMKSVVPSD	30	0
>FGFR2-E21 $\epsilon$ LIMESVVPSD	122	>FGFR2-E21 $\epsilon$ LIMKSVVPSD	147	25
>FGFR2-E21 $\epsilon$ SLIMESVV	65	>FGFR2-E21 $\epsilon$ SLIMKSVV	109	44
>FGFR2-E21 $\epsilon$ SLIMESVV	42	>FGFR2-E21 $\epsilon$ SLIMKSVV	78	36
>FGFR2-E21 $\epsilon$ SLIMESVV	10	>FGFR2-E21 $\epsilon$ SLIMKSVV	8	2
>FGFR2-E21 $\epsilon$ SLIMESVV	166	>FGFR2-E21 $\epsilon$ SLIMKSVV	285	119
>FGFR2-E21 $\epsilon$ SLIMESVV	7	>FGFR2-E21 $\epsilon$ SLIMKSVV	7	0
>FGFR2-E21 $\epsilon$ SLIMESVV	9	>FGFR2-E21 $\epsilon$ SLIMKSVV	12	3
>FGFR2-E21 $\epsilon$ SLIMESVV	9	>FGFR2-E21 $\epsilon$ SLIMKSVV	11	2
>FGFR2-E21 $\epsilon$ SLIMESVV	315	>FGFR2-E21 $\epsilon$ SLIMKSVV	422	107
>FGFR2-E21 $\epsilon$ SLIMESVV	3	>FGFR2-E21 $\epsilon$ SLIMKSVV	3	0
>FGFR2-E21 $\epsilon$ SLIMESVV	3056	>FGFR2-E21 $\epsilon$ SLIMKSVV	243	2813
>FGFR2-E21 $\epsilon$ WSLIMESV	329	>FGFR2-E21 $\epsilon$ WSLIMKSV	1395	1066
>FGFR2-E21 $\epsilon$ WSLIMESV	461	>FGFR2-E21 $\epsilon$ WSLIMKSV	1919	1458
>FGFR2-E21 $\epsilon$ WSLIMESV	338	>FGFR2-E21 $\epsilon$ WSLIMKSV	587	249
>FGFR2-E21 $\epsilon$ WSLIMESV	485	>FGFR2-E21 $\epsilon$ WSLIMKSV	303	182
>FGFR2-E21 $\epsilon$ WSLIMESVV	388	>FGFR2-E21 $\epsilon$ WSLIMKSVV	613	225
>FGFR2-E21 $\epsilon$ WSLIMESVV	26	>FGFR2-E21 $\epsilon$ WSLIMKSVV	16	10
>FGFR2-E21 $\epsilon$ HWSLIMESV	176	>FGFR2-E21 $\epsilon$ HWSLIMKSV	1794	1618
>FGFR2-E21 $\epsilon$ HWSLIMESV	491	>FGFR2-E21 $\epsilon$ HWSLIMKSV	6428	5937
>FGFR2-E21 $\epsilon$ HWSLIMESV	136	>FGFR2-E21 $\epsilon$ HWSLIMKSV	152	16
>FGFR2-E21 $\epsilon$ QHWSLIMES'	418	>FGFR2-E21 $\epsilon$ QHWSLIMKS'	381	37
>FGFR2-E21 $\epsilon$ QHWSLIMES'	295	>FGFR2-E21 $\epsilon$ QHWSLIMKS'	425	130
>FGFR2-E21 $\epsilon$ NQHWSLIME	55	>FGFR2-E21 $\epsilon$ NQHWSLIMK	70	15
>FGFR2-E21 $\epsilon$ NQHWSLIME	11	>FGFR2-E21 $\epsilon$ NQHWSLIMK	44	33
>FGFR2-E21 $\epsilon$ NQHWSLIME	154	>FGFR2-E21 $\epsilon$ NQHWSLIMK	415	261
>FGFR2-E21 $\epsilon$ NQHWSLIME	25529	>FGFR2-E21 $\epsilon$ NQHWSLIMK	65	25464
>FGFR2-E21 $\epsilon$ RNQHWSLIM	28196	>FGFR2-E21 $\epsilon$ RNQHWSLIM	494	27702
>FGFR2-E21 $\epsilon$ RNQHWSLIM	15808	>FGFR2-E21 $\epsilon$ RNQHWSLIM	191	15617
>FGFR2-E47 $\epsilon$ EFPRDKLTL	1642	>FGFR2-E47 $\epsilon$ KFPRDKLTL	461	1181
>FGFR2-E47 $\epsilon$ EFPRDKLTL	470	>FGFR2-E47 $\epsilon$ KFPRDKLTL	51	419
>FGFR2-E47 $\epsilon$ EFPRDKLTLGI	1049	>FGFR2-E47 $\epsilon$ KFPRDKLTLGI	121	928
>FGFR2-E47 $\epsilon$ WEFPRDKLT	226	>FGFR2-E47 $\epsilon$ WKFPRDKLT	9159	8933



>FGFR2-E475 WEFPRDKLTL	61	>FGFR2-E475 WKFPRDKLTL	3861	3800
>FGFR2-E475 WEFPRDKL	2390	>FGFR2-E475 WKFPRDKL	52	2338
>FGFR2-E475 WEFPRDKLTL	584	>FGFR2-E475 WKFPRDKLTL	18	566
>FGFR2-E475 WEFPRDKL	110	>FGFR2-E475 WKFPRDKL	18778	18668
>FGFR2-E475 WEFPRDKLTL	449	>FGFR2-E475 WKFPRDKLTL	154	295
>FGFR2-E475 WEFPRDKL	24	>FGFR2-E475 WKFPRDKL	14222	14198
>FGFR2-E475 WEFPRDKLTL	200	>FGFR2-E475 WKFPRDKLTL	16311	16111
>FGFR2-E475 WEFPRDKL	135	>FGFR2-E475 WKFPRDKL	20004	19869
>FGFR2-E475 WEFPRDKLT	492	>FGFR2-E475 WKFPRDKLT	33274	32782
>FGFR2-E475 WEFPRDKLTL	200	>FGFR2-E475 WKFPRDKLTL	25438	25238
>FGFR2-E475 WEFPRDKLT	388	>FGFR2-E475 WKFPRDKLT	29738	29350
>FGFR2-E475 WEFPRDKLTL	194	>FGFR2-E475 WKFPRDKLTL	17808	17614
>FGFR2-E475 KWEFPRDK	3907	>FGFR2-E475 KWKFPRDK	16	3891
>FGFR2-E475 KWEFPRDKLT	11019	>FGFR2-E475 KWKFPRDKLT	431	10588
>FGFR2-E475 KWEFPRDK	200	>FGFR2-E475 KWKFPRDK	136	64
>FGFR2-E475 KWEFPRDK	373	>FGFR2-E475 KWKFPRDK	495	122
>FGFR2-E475 KWEFPRDKL	109	>FGFR2-E475 KWKFPRDKL	149	40
>FGFR2-E475 KWEFPRDKLT	108	>FGFR2-E475 KWKFPRDKLT	151	43
>FGFR2-E475 DPKWEFPR	62	>FGFR2-E475 DPKWKFPR	42	20
>FGFR2-E475 DPKWEFPR	469	>FGFR2-E475 DPKWKFPR	697	228
>FGFR2-E475 DPKWEFPRD	2824	>FGFR2-E475 DPKWKFPRD	462	2362
>FGFR2-E475 DPKWEFPR	431	>FGFR2-E475 DPKWKFPR	386	45
>FGFR2-E475 EDPKWEFPR	210	>FGFR2-E475 EDPKWKFPR	116	94
>FGFR2-E475 LPEDPKWEF	53	>FGFR2-E475 LPEDPKWKF	241	188
>FGFR2-E475 LPEDPKWEF	29	>FGFR2-E475 LPEDPKWKF	41	12
>FGFR2-E475 LPEDPKWEF	52	>FGFR2-E475 LPEDPKWKF	104	52
>FGFR2-E475 LPEDPKWEFF	527	>FGFR2-E475 LPEDPKWKFF	339	188
>FGFR2-E475 YELPEDPKWE	214	>FGFR2-E475 YELPEDPKWk	394	180
>FGFR2-E475 YELPEDPKWE	79	>FGFR2-E475 YELPEDPKWk	148	69
>FGFR2-E475 YELPEDPKWE	9	>FGFR2-E475 YELPEDPKWk	11	2
>FGFR2-E475 YELPEDPKWE	486	>FGFR2-E475 YELPEDPKWk	650	164
>FGFR2-E475 YELPEDPKWE	253	>FGFR2-E475 YELPEDPKWk	585	332
>FGFR2-E475 YELPEDPKWE	397	>FGFR2-E475 YELPEDPKWk	945	548
>FGFR2-E475 YELPEDPKWE	157	>FGFR2-E475 YELPEDPKWk	222	65
>FGFR2-E475 YELPEDPKWE	294	>FGFR2-E475 YELPEDPKWk	188	106
>FGFR2-E574 EYLRARRPPG	1703	>FGFR2-E574 KYLRARRPPG	204	1499
>FGFR2-E574 EYLRARRPPG	435	>FGFR2-E574 KYLRARRPPG	13612	13177
>FGFR2-E574 EYLRARRPP	13566	>FGFR2-E574 KYLRARRPP	54	13512
>FGFR2-E574 EYLRARRPPG	8916	>FGFR2-E574 KYLRARRPPG	13	8903
>FGFR2-E574 EYLRARRPPG	10525	>FGFR2-E574 KYLRARRPPG	21	10504
>FGFR2-E574 EYLRARRPP	3188	>FGFR2-E574 KYLRARRPP	376	2812
>FGFR2-E574 EYLRARRPPG	1655	>FGFR2-E574 KYLRARRPPG	160	1495
>FGFR2-E574 REYLRARR	143	>FGFR2-E574 RKYLRARR	284	141

>FGFR2-E574REYLRARR	6983	>FGFR2-E574RKYLRRARR	299	6684
>FGFR2-E574REYLRARRPP	206	>FGFR2-E574RKYLRRARRPP	27445	27239
>FGFR2-E574REYLRARRPP	498	>FGFR2-E574RKYLRRARRPP	18264	17766
>FGFR2-E574REYLRARRPP	239	>FGFR2-E574RKYLRRARRPP	27421	27182
>FGFR2-E574REYLRARR	96	>FGFR2-E574RKYLRRARR	118	22
>FGFR2-E574LREYLRAR	2090	>FGFR2-E574LRKYLRRARR	336	1754
>FGFR2-E574LREYLRARR	1361	>FGFR2-E574LRKYLRRARR	205	1156
>FGFR2-E574NLREYLRA	56	>FGFR2-E574NLRKYLRA	212	156
>FGFR2-E574NLREYLRA	132	>FGFR2-E574NLRKYLRA	741	609
>FGFR2-E574NLREYLRRAR	232	>FGFR2-E574NLRKYLRRARR	124	108
>FGFR2-E574NLREYLRRARR	31	>FGFR2-E574NLRKYLRRARR	15	16
>FGFR2-E574NLREYLRRAR	44	>FGFR2-E574NLRKYLRRARR	86	42
>FGFR2-E574NLREYLRRARR	424	>FGFR2-E574NLRKYLRRARR	538	114
>FGFR2-E574NLREYLRA	1633	>FGFR2-E574NLRKYLRA	341	1292
>FGFR2-E574GNLREYLR	895	>FGFR2-E574GNLRKYLRRARR	107	788
>FGFR2-E574GNLREYLRAR	984	>FGFR2-E574GNLRKYLRRARR	255	729
>FGFR2-E574KGNLREYLR	13	>FGFR2-E574KGNLRKYLRRARR	7	6
>FGFR2-E574KGNLREYLRAR	32	>FGFR2-E574KGNLRKYLRRARR	19	13
>FGFR2-E574KGNLREYLR	37	>FGFR2-E574KGNLRKYLRRARR	33	4
>FGFR2-E574KGNLREYLRAR	319	>FGFR2-E574KGNLRKYLRRARR	244	75
>FGFR2-E574SKGNLREYLR	511	>FGFR2-E574SKGNLRKYLRRARR	189	322
>FGFR2-E574SKGNLREY	188	>FGFR2-E574SKGNLRKYLRRARR	323	135
>FGFR2-E574SKGNLREYLR	354	>FGFR2-E574SKGNLRKYLRRARR	226	128
>FGFR2-E574ASKGNLRE	26028	>FGFR2-E574ASKGNLRRARR	205	25823
>FGFR2-E574ASKGNLREY	48	>FGFR2-E574ASKGNLRRARR	59	11
>FGFR2-E574ASKGNLRE	3687	>FGFR2-E574ASKGNLRRARR	6	3681
>FGFR2-E574ASKGNLREY	409	>FGFR2-E574ASKGNLRRARR	627	218
>FGFR2-E574ASKGNLREYL	192	>FGFR2-E574ASKGNLRRARR	56	136
>FGFR2-E574ASKGNLREYL	483	>FGFR2-E574ASKGNLRRARR	332	151
>FGFR2-E574ASKGNLREY	167	>FGFR2-E574ASKGNLRRARR	143	24
>FGFR2-E574ASKGNLREYL	22	>FGFR2-E574ASKGNLRRARR	18	4
>FGFR2-E574ASKGNLREY	319	>FGFR2-E574ASKGNLRRARR	1792	1473
>FGFR2-E574ASKGNLREY	11	>FGFR2-E574ASKGNLRRARR	9	2
>FGFR2-E574ASKGNLREYL	238	>FGFR2-E574ASKGNLRRARR	102	136
>FGFR2-E574ASKGNLREY	557	>FGFR2-E574ASKGNLRRARR	382	175
>FGFR2-E574ASKGNLRE	9050	>FGFR2-E574ASKGNLRRARR	326	8724
>FGFR2-E574ASKGNLREYL	538	>FGFR2-E574ASKGNLRRARR	465	73
>FGFR2-E574YASKGNLREY	144	>FGFR2-E574YASKGNLRRARR	1006	862
>FGFR2-E574YASKGNLREY	451	>FGFR2-E574YASKGNLRRARR	2218	1767
>FGFR2-E574YASKGNLRE	27069	>FGFR2-E574YASKGNLRRARR	410	26659
>FGFR2-E574YASKGNLREY	1298	>FGFR2-E574YASKGNLRRARR	476	822
>FGFR2-E574YASKGNLREY	266	>FGFR2-E574YASKGNLRRARR	244	22
>FGFR2-E574YASKGNLRE	16617	>FGFR2-E574YASKGNLRRARR	124	16493

>FGFR2-E574YASKGNLREY	269	>FGFR2-E574YASKGNLRKY	2310	2041
>FGFR2-E574YASKGNLREY	373	>FGFR2-E574YASKGNLRKY	732	359
>FGFR2-E574YASKGNLREY	190	>FGFR2-E574YASKGNLRKY	672	482
>FGFR2-E574YASKGNLREY	430	>FGFR2-E574YASKGNLRKY	415	15
>FGFR2-E574YASKGNLREY	270	>FGFR2-E574YASKGNLRKY	550	280
>FGFR2-E574YASKGNLREY	15	>FGFR2-E574YASKGNLRKY	13	2
>FGFR2-E574YASKGNLREY	543	>FGFR2-E574YASKGNLRKY	251	292
>FGFR2-E574YASKGNLREY	316	>FGFR2-E574YASKGNLRKY	3188	2872
>FGFR2-E574YASKGNLREY	576	>FGFR2-E574YASKGNLRKY	382	194
>FGFR2-E574YASKGNLREY	397	>FGFR2-E574YASKGNLRKY	541	144
>FGFR2-E574YASKGNLREY	202	>FGFR2-E574YASKGNLRKY	630	428
>FGFR2-E574EYASKGNLRE	515	>FGFR2-E574EYASKGNLRK	252	263
>FGFR2-E574EYASKGNLRE	53	>FGFR2-E574EYASKGNLRK	63	10
>FGFR2-E574EYASKGNLRE	359	>FGFR2-E574EYASKGNLRK	367	8
>FGFR2-E574EYASKGNLRE	451	>FGFR2-E574EYASKGNLRK	422	29
>FGFR2-E574EYASKGNLRE	641	>FGFR2-E574EYASKGNLRK	327	314
>FGFR2-E63€TENNVMKI	133	>FGFR2-E63€TKNNVMKI	19463	19330
>FGFR2-E63€TENNVMKIAI	957	>FGFR2-E63€TKNNVMKIAI	33	924
>FGFR2-E63€TENNVMKIAI	283	>FGFR2-E63€TKNNVMKIAI	17227	16944
>FGFR2-E63€TENNVMKI	405	>FGFR2-E63€TKNNVMKI	23239	22834
>FGFR2-E63€TENNVMKI	373	>FGFR2-E63€TKNNVMKI	28034	27661
>FGFR2-E63€TENNVMKIA	266	>FGFR2-E63€TKNNVMKIA	30903	30637
>FGFR2-E63€TENNVMKIAI	155	>FGFR2-E63€TKNNVMKIAI	11888	11733
>FGFR2-E63€TENNVMKIAI	130	>FGFR2-E63€TKNNVMKIAI	15479	15349
>FGFR2-E63€TENNVMKIA	90	>FGFR2-E63€TKNNVMKIA	23634	23544
>FGFR2-E63€TENNVMKI	315	>FGFR2-E63€TKNNVMKI	9680	9365
>FGFR2-E63€DLAARNVLVT	12754	>FGFR2-E63€DLAARNVLVT	449	12305
>FGFR2-E63€DLAARNVLVT	8775	>FGFR2-E63€DLAARNVLVT	44	8731
>FGFR2-E63€VTENNVMK	1896	>FGFR2-E63€VTKNNVMK	311	1585
>FGFR2-E63€VTENNVMK	61	>FGFR2-E63€VTKNNVMK	57	4
>FGFR2-E63€VTENNVMK	2171	>FGFR2-E63€VTKNNVMK	12	2159
>FGFR2-E63€VTENNVMKI	8221	>FGFR2-E63€VTKNNVMKI	85	8136
>FGFR2-E63€VTENNVMKI/	10421	>FGFR2-E63€VTKNNVMKI/	266	10155
>FGFR2-E63€VTENNVMK	4934	>FGFR2-E63€VTKNNVMK	425	4509
>FGFR2-E63€VTENNVMK	254	>FGFR2-E63€VTKNNVMK	203	51
>FGFR2-E63€VTENNVMKI	252	>FGFR2-E63€VTKNNVMKI	109	143
>FGFR2-E63€LVTENNVMK	491	>FGFR2-E63€LVTKNNVMK	3520	3029
>FGFR2-E63€LVTENNVMK	151	>FGFR2-E63€LVTKNNVMK	1286	1135
>FGFR2-E63€LVTENNVMK	146	>FGFR2-E63€LVTKNNVMK	163	17
>FGFR2-E63€LVTENNVMK	825	>FGFR2-E63€LVTKNNVMK	348	477
>FGFR2-E63€LVTENNVMK	33	>FGFR2-E63€LVTKNNVMK	36	3
>FGFR2-E63€LVTENNVM	157	>FGFR2-E63€LVTKNNVM	686	529
>FGFR2-E63€LVTENNVM	1366	>FGFR2-E63€LVTKNNVM	149	1217

>FGFR2-E63€LVTENNVMK	313	>FGFR2-E63€LVTKNNVMK	614	301
>FGFR2-E63€VLVTENNV	369	>FGFR2-E63€VLVTKNNV	653	284
>FGFR2-E63€VLVTENNV	25	>FGFR2-E63€VLVTKNNV	46	21
>FGFR2-E63€VLVTENNV	167	>FGFR2-E63€VLVTKNNVM	284	117
>FGFR2-E63€VLVTENNV	27	>FGFR2-E63€VLVTKNNV	21	6
>FGFR2-E63€VLVTENNV	59	>FGFR2-E63€VLVTKNNVM	42	17
>FGFR2-E63€VLVTENNV	236	>FGFR2-E63€VLVTKNNV	430	194
>FGFR2-E63€VLVTENNV	17	>FGFR2-E63€VLVTKNNV	17	0
>FGFR2-E63€VLVTENNV	77	>FGFR2-E63€VLVTKNNVM	72	5
>FGFR2-E63€VLVTENNV	18	>FGFR2-E63€VLVTKNNV	24	6
>FGFR2-E63€VLVTENNV	94	>FGFR2-E63€VLVTKNNVM	104	10
>FGFR2-E63€VLVTENNV	25	>FGFR2-E63€VLVTKNNV	35	10
>FGFR2-E63€VLVTENNV	340	>FGFR2-E63€VLVTKNNVM	410	70
>FGFR2-E63€VLVTENNV	70	>FGFR2-E63€VLVTKNNV	90	20
>FGFR2-E63€VLVTENNV	4	>FGFR2-E63€VLVTKNNV	4	0
>FGFR2-E63€VLVTENNV	29	>FGFR2-E63€VLVTKNNVM	32	3
>FGFR2-E63€VLVTENNV	174	>FGFR2-E63€VLVTKNNVM	68	106
>FGFR2-E63€VLVTENNV	234	>FGFR2-E63€VLVTKNNVM	211	23
>FGFR2-E63€NVLVTENNV	340	>FGFR2-E63€NVLVTKNNV	330	10
>FGFR2-E63€NVLVTENNV	64	>FGFR2-E63€NVLVTKNNV	87	23
>FGFR2-E63€NVLVTENNV	702	>FGFR2-E63€NVLVTKNNV	369	333
>FGFR2-E63€NVLVTENNV	97	>FGFR2-E63€NVLVTKNNV	24	73
>FGFR2-E63€ARNVLVTE	5074	>FGFR2-E63€ARNVLVTK	51	5023
>FGFR2-E63€ARNVLVTEN	767	>FGFR2-E63€ARNVLVTKN	494	273
>FGFR2-E63€ARNVLVTEN	727	>FGFR2-E63€ARNVLVTKN	474	253
>FGFR2-E63€AARNVLVTE	21853	>FGFR2-E63€AARNVLVTK	324	21529
>FGFR2-E63€AARNVLVTE	1744	>FGFR2-E63€AARNVLVTK	5	1739
>FGFR2-E63€AARNVLVTE	14730	>FGFR2-E63€AARNVLVTK	350	14380
>FGFR2-E63€LAARNVLVTE	26462	>FGFR2-E63€LAARNVLVTK	382	26080
>FGFR2-E63€LAARNVLVTE	32174	>FGFR2-E63€LAARNVLVTK	76	32098
>FGFR2-E63€LAARNVLVTE	26483	>FGFR2-E63€LAARNVLVTK	78	26405
>FGFR2-G22: GNYTCVVENI	483	>FGFR2-G22: ENYTCVVENE	1780	1297
>FGFR2-G22: GNYTCVVENI	476	>FGFR2-G22: ENYTCVVENE	642	166
>FGFR2-G22: GNYTCVVENI	6262	>FGFR2-G22: ENYTCVVENE	485	5777
>FGFR2-G22: GNYTCVVENI	370	>FGFR2-G22: ENYTCVVENE	4459	4089
>FGFR2-G22: KGNVTCVV	36049	>FGFR2-G22: KENVTCVV	94	35955
>FGFR2-G22: KGNVTCVV	24637	>FGFR2-G22: KENVTCVV	187	24450
>FGFR2-G22: KGNVTCVV	31503	>FGFR2-G22: KENVTCVV	90	31413
>FGFR2-G22: KGNVTCVV	35822	>FGFR2-G22: KENVTCVV	150	35672
>FGFR2-G22: SDKGNVTCV	358	>FGFR2-G22: SDKENVTCV	173	185
>FGFR2-G22: VPSDKGNY	139	>FGFR2-G22: VPSDKENY	106	33
>FGFR2-G22: VPSDKGNY	340	>FGFR2-G22: VPSDKENY	149	191
>FGFR2-G22: VPSDKGNY	338	>FGFR2-G22: VPSDKENY	792	454

>FGFR2-G22:VVP SDKGN Y	151	>FGFR2-G22:VVP SDKEN Y	196	45
>FGFR2-G22:VVP SDKGN Y	42	>FGFR2-G22:VVP SDKEN Y	454	412
>FGFR2-G22:SVVP SDKGN \	21	>FGFR2-G22:SVVP SDKEN Y	22	1
>FGFR2-G22:SVVP SDKGN \	297	>FGFR2-G22:SVVP SDKEN Y	1126	829
>FGFR2-G22:SVVP SDKGN \	62	>FGFR2-G22:SVVP SDKEN Y	72	10
>FGFR2-G22:ESVVP SDKGN	9	>FGFR2-G22:ESVVP SDKEN	8	1
>FGFR2-G22:ESVVP SDKGN	104	>FGFR2-G22:ESVVP SDKEN	170	66
>FGFR2-G22:ESVVP SDKGN	66	>FGFR2-G22:ESVVP SDKEN	70	4
>FGFR2-G27:VGGDVEFVCI	25385	>FGFR2-G27:VEGDVEFVCh	410	24975
>FGFR2-G27:VGGDVEFV	340	>FGFR2-G27:VEGDVEFV	503	163
>FGFR2-G27:VGGDVEFVCI	247	>FGFR2-G27:VEGDVEFVCh	370	123
>FGFR2-G27:VGGDVEFV	300	>FGFR2-G27:VEGDVEFV	568	268
>FGFR2-G27:VGGDVEFVCI	250	>FGFR2-G27:VEGDVEFVCh	457	207
>FGFR2-G27:VGGDVEFVCI	496	>FGFR2-G27:VEGDVEFVCh	817	321
>FGFR2-G27:VGGDVEFVCI	26942	>FGFR2-G27:VEGDVEFVCh	29	26913
>FGFR2-G27:VVGGDVEFV	65	>FGFR2-G27:VVEGDVEFV	144	79
>FGFR2-G27:VVGGDVEFV	329	>FGFR2-G27:VVEGDVEFV	1396	1067
>FGFR2-G27:VVGGDVEFV	32	>FGFR2-G27:VVEGDVEFV	45	13
>FGFR2-G27:VVGGDVEFV	9	>FGFR2-G27:VVEGDVEFV	57	48
>FGFR2-G27:VVGGDVEFV	210	>FGFR2-G27:VVEGDVEFV	1609	1399
>FGFR2-G27:VVGGDVEFV	19	>FGFR2-G27:VVEGDVEFV	264	245
>FGFR2-G27:VVGGDVEFV	6	>FGFR2-G27:VVEGDVEFV	153	147
>FGFR2-G27:VVGGDVEFV	5	>FGFR2-G27:VVEGDVEFV	11	6
>FGFR2-G27:VVGGDVEFV\	129	>FGFR2-G27:VVEGDVEFV\	282	153
>FGFR2-G27:VVGGDVEFV	317	>FGFR2-G27:VVEGDVEFV	589	272
>FGFR2-G27:TVVGGDVEF\	591	>FGFR2-G27:TVVEGDVEFV	469	122
>FGFR2-G27:TVVGGDVEF\	192	>FGFR2-G27:TVVEGDVEFV	185	7
>FGFR2-G27:TVVGGDVEF\	175	>FGFR2-G27:TVVEGDVEFV	198	23
>FGFR2-G27:TVVGGDVEF	1683	>FGFR2-G27:TVVEGDVEF	408	1275
>FGFR2-G27:TVVGGDVEF\	187	>FGFR2-G27:TVVEGDVEFV	179	8
>FGFR2-G27:TVVGGDVEF\	111	>FGFR2-G27:TVVEGDVEFV	40	71
>FGFR2-G27:TVVGGDVEF\	1689	>FGFR2-G27:TVVEGDVEFV	225	1464
>FGFR2-G27:TVVGGDVEF\	87	>FGFR2-G27:TVVEGDVEFV	38	49
>FGFR2-G27:TVVGGDVEF\	428	>FGFR2-G27:TVVEGDVEFV	222	206
>FGFR2-G27:TVVGGDVEF\	14	>FGFR2-G27:TVVEGDVEFV	16	2
>FGFR2-G27:TVVGGDVEF	23	>FGFR2-G27:TVVEGDVEF	28	5
>FGFR2-G27:TVVGGDVEF\	107	>FGFR2-G27:TVVEGDVEFV	138	31
>FGFR2-G27:TVVGGDVEF\	73	>FGFR2-G27:TVVEGDVEFV	50	23
>FGFR2-G27:TVVGGDVEF\	126	>FGFR2-G27:TVVEGDVEFV	23	103
>FGFR2-G27:TVVGGDVEF	127	>FGFR2-G27:TVVEGDVEF	76	51
>FGFR2-G27:TVVGGDVEF	41	>FGFR2-G27:TVVEGDVEF	31	10
>FGFR2-G27:STVVGGDVEF	337	>FGFR2-G27:STVVEGDVEF	257	80
>FGFR2-G27:STVVGGDVEF	33	>FGFR2-G27:STVVEGDVEF	67	34

>FGFR2-G27:STVVGGDVEI	123	>FGFR2-G27:STVVEGDVEF	215	92
>FGFR2-G27:STVVGGDVEI	79	>FGFR2-G27:STVVEGDVEF	184	105
>FGFR2-G27:STVVGGDVEI	59	>FGFR2-G27:STVVEGDVEF	73	14
>FGFR2-G27:STVVGGDVEI	233	>FGFR2-G27:STVVEGDVEF	281	48
>FGFR2-G27:STVVGGDV	303	>FGFR2-G27:STVVEGDV	645	342
>FGFR2-G27:STVVGGDVEI	27	>FGFR2-G27:STVVEGDVEF	52	25
>FGFR2-G27:STVVGGDVEI	82	>FGFR2-G27:STVVEGDVEF	171	89
>FGFR2-G27:STVVGGDVEI	332	>FGFR2-G27:STVVEGDVEF	692	360
>FGFR2-G27:STVVGGDVEI	558	>FGFR2-G27:STVVEGDVEF	452	106
>FGFR2-G27:STVVGGDVEI	5	>FGFR2-G27:STVVEGDVEF	7	2
>FGFR2-G27:STVVGGDVEI	40	>FGFR2-G27:STVVEGDVEF	48	8
>FGFR2-G27:STVVGGDVEI	350	>FGFR2-G27:STVVEGDVEF	1063	713
>FGFR2-G27:ASTVVGGDVI	340	>FGFR2-G27:ASTVVEGDVE	448	108
>FGFR2-G27:ASTVVGGDVI	13	>FGFR2-G27:ASTVVEGDVE	22	9
>FGFR2-G27:ASTVVGGDVI	590	>FGFR2-G27:ASTVVEGDVE	366	224
>FGFR2-G27:ASTVVGGDVI	328	>FGFR2-G27:ASTVVEGDVE	856	528
>FGFR2-G27:NASTVVGGD	154	>FGFR2-G27:NASTVVEGD	232	78
>FGFR2-G27:LPANASTVVC	595	>FGFR2-G27:LPANASTVVE	166	429
>FGFR2-G27:LPANASTVVC	521	>FGFR2-G27:LPANASTVVE	337	184
>FGFR2-G27:GDVEFVCKV	43	>FGFR2-G27:VDVEFVCKV	97	54
>FGFR2-G27:GDVEFVCKV	129	>FGFR2-G27:VDVEFVCKV	98	31
>FGFR2-G27:GGDVEFVCK\	3055	>FGFR2-G27:GVDVEFVCK\	121	2934
>FGFR2-G27:GGDVEFVCK\	11532	>FGFR2-G27:GVDVEFVCK\	201	11331
>FGFR2-G27:GGDVEFVCK\	1370	>FGFR2-G27:GVDVEFVCK\	41	1329
>FGFR2-G27:GGDVEFVCK\	9304	>FGFR2-G27:GVDVEFVCK\	54	9250
>FGFR2-G27:GGDVEFVCK	2459	>FGFR2-G27:GVDVEFVCK	65	2394
>FGFR2-G27:GGDVEFVCK	885	>FGFR2-G27:GVDVEFVCK	274	611
>FGFR2-G27:LPANASTVVC	29405	>FGFR2-G27:LPANASTVVC	213	29192
>FGFR2-G27:LPANASTVVC	16043	>FGFR2-G27:LPANASTVVC	397	15646
>FGFR2-G27:LPANASTVVC	13239	>FGFR2-G27:LPANASTVVC	124	13115
>FGFR2-G27:LPANASTVVC	595	>FGFR2-G27:LPANASTVVC	368	227
>FGFR2-G27:LPANASTVVC	12565	>FGFR2-G27:LPANASTVVC	225	12340
>FGFR2-G27:LPANASTVVC	521	>FGFR2-G27:LPANASTVVC	33	488
>FGFR2-G27:VGGDVEFV	1974	>FGFR2-G27:VGVDVEFV	155	1819
>FGFR2-G27:VGGDVEFV	340	>FGFR2-G27:VGVDVEFV	384	44
>FGFR2-G27:VGGDVEFVCI	247	>FGFR2-G27:VGVDVEFVCI	277	30
>FGFR2-G27:VGGDVEFV	300	>FGFR2-G27:VGVDVEFV	560	260
>FGFR2-G27:VGGDVEFVCI	250	>FGFR2-G27:VGVDVEFVCI	460	210
>FGFR2-G27:VGGDVEFVCI	496	>FGFR2-G27:VGVDVEFVCI	480	16
>FGFR2-G27:VVGDDVEFV	65	>FGFR2-G27:VVGDDVEFV	352	287
>FGFR2-G27:VVGDDVEFV	329	>FGFR2-G27:VVGDDVEFV	987	658
>FGFR2-G27:VVGDDVEFV	32	>FGFR2-G27:VVGDDVEFV	60	28
>FGFR2-G27:VVGDDVEFV	9	>FGFR2-G27:VVGDDVEFV	45	36

>FGFR2-G27;VVGGDVEFV	210	>FGFR2-G27;VVGVDVEFV	292	82
>FGFR2-G27;VVGGDVEFV	19	>FGFR2-G27;VVGVDVEFV	41	22
>FGFR2-G27;VVGGDVEFV	6	>FGFR2-G27;VVGVDVEFV	11	5
>FGFR2-G27;VVGGDVEFV	5	>FGFR2-G27;VVGVDVEFV	35	30
>FGFR2-G27;VVGGDVEFV	129	>FGFR2-G27;VVGVDVEFV	161	32
>FGFR2-G27;VVGGDVEFV	317	>FGFR2-G27;VVGVDVEFV	784	467
>FGFR2-G27;TVVGGDVEF\	192	>FGFR2-G27;TVVGVDFEF\	362	170
>FGFR2-G27;TVVGGDVEF\	175	>FGFR2-G27;TVVGVDFEF\	222	47
>FGFR2-G27;TVVGGDVEF\	187	>FGFR2-G27;TVVGVDFEF\	142	45
>FGFR2-G27;TVVGGDVEF\	111	>FGFR2-G27;TVVGVDFEF\	76	35
>FGFR2-G27;TVVGGDVEF\	87	>FGFR2-G27;TVVGVDFEF\	83	4
>FGFR2-G27;TVVGGDVEF\	428	>FGFR2-G27;TVVGVDFEF\	680	252
>FGFR2-G27;TVVGGDVEF\	14	>FGFR2-G27;TVVGVDFEF\	42	28
>FGFR2-G27;TVVGGDVEF	752	>FGFR2-G27;TVVGVDFEF	309	443
>FGFR2-G27;TVVGGDVEF	23	>FGFR2-G27;TVVGVDFEF	53	30
>FGFR2-G27;TVVGGDVEF\	107	>FGFR2-G27;TVVGVDFEF\	235	128
>FGFR2-G27;TVVGGDVEF	742	>FGFR2-G27;TVVGVDFEF	196	546
>FGFR2-G27;TVVGGDVEF\	73	>FGFR2-G27;TVVGVDFEF\	78	5
>FGFR2-G27;TVVGGDVEF\	126	>FGFR2-G27;TVVGVDFEF\	129	3
>FGFR2-G27;TVVGGDVEF	127	>FGFR2-G27;TVVGVDFEF	1277	1150
>FGFR2-G27;TVVGGDVEF	41	>FGFR2-G27;TVVGVDFEF	58	17
>FGFR2-G27;STVVGGDVEI	337	>FGFR2-G27;STVVGVDFEF	192	145
>FGFR2-G27;STVVGGDVEI	592	>FGFR2-G27;STVVGVDFEF	329	263
>FGFR2-G27;STVVGGDV	1862	>FGFR2-G27;STVVGVDFEF	424	1438
>FGFR2-G27;STVVGGDVEI	33	>FGFR2-G27;STVVGVDFEF	19	14
>FGFR2-G27;STVVGGDVEI	123	>FGFR2-G27;STVVGVDFEF	76	47
>FGFR2-G27;STVVGGDV	2048	>FGFR2-G27;STVVGVDFEF	407	1641
>FGFR2-G27;STVVGGDVEI	79	>FGFR2-G27;STVVGVDFEF	49	30
>FGFR2-G27;STVVGGDVEI	59	>FGFR2-G27;STVVGVDFEF	31	28
>FGFR2-G27;STVVGGDVEI	233	>FGFR2-G27;STVVGVDFEF	90	143
>FGFR2-G27;STVVGGDVEI	944	>FGFR2-G27;STVVGVDFEF	246	698
>FGFR2-G27;STVVGGDV	303	>FGFR2-G27;STVVGVDFEF	99	204
>FGFR2-G27;STVVGGDVEI	27	>FGFR2-G27;STVVGVDFEF	16	11
>FGFR2-G27;STVVGGDV	849	>FGFR2-G27;STVVGVDFEF	417	432
>FGFR2-G27;STVVGGDVEI	82	>FGFR2-G27;STVVGVDFEF	52	30
>FGFR2-G27;STVVGGDVEI	332	>FGFR2-G27;STVVGVDFEF	404	72
>FGFR2-G27;STVVGGDVEI	5	>FGFR2-G27;STVVGVDFEF	5	0
>FGFR2-G27;STVVGGDVEI	1766	>FGFR2-G27;STVVGVDFEF	311	1455
>FGFR2-G27;STVVGGDVEI	40	>FGFR2-G27;STVVGVDFEF	43	3
>FGFR2-G27;STVVGGDVEI	350	>FGFR2-G27;STVVGVDFEF	628	278
>FGFR2-G27;ASTVVGGDVI	340	>FGFR2-G27;ASTVVGVDFEF	168	172
>FGFR2-G27;ASTVVGGDVI	13	>FGFR2-G27;ASTVVGVDFEF	13	0
>FGFR2-G27;ASTVVGGDVI	590	>FGFR2-G27;ASTVVGVDFEF	259	331

>FGFR2-G27:ASTVVGGDVI	328	>FGFR2-G27:ASTVVGGDVI	479	151
>FGFR2-G27:NASTVVGG	19956	>FGFR2-G27:NASTVVGV	313	19643
>FGFR2-G27:NASTVVGG	5118	>FGFR2-G27:NASTVVGV	15	5103
>FGFR2-G27:NASTVVGGD	154	>FGFR2-G27:NASTVVGVD'	203	49
>FGFR2-G27:NASTVVGG	18536	>FGFR2-G27:NASTVVGV	127	18409
>FGFR2-G30:GLPYLKVL	449	>FGFR2-G30:RLPYLKVL	515	66
>FGFR2-G30:GLPYLKVLKA	675	>FGFR2-G30:RLPYLKVLKA	427	248
>FGFR2-G30:GLPYLKVLKA	351	>FGFR2-G30:RLPYLKVLKA/	241	110
>FGFR2-G30:GLPYLKVL	605	>FGFR2-G30:RLPYLKVL	340	265
>FGFR2-G30:GLPYLKVL	154	>FGFR2-G30:RLPYLKVL	209	55
>FGFR2-G30:GLPYLKVLKA	471	>FGFR2-G30:RLPYLKVLKA	669	198
>FGFR2-G30:GLPYLKVLK	403	>FGFR2-G30:RLPYLKVLK	80	323
>FGFR2-G30:GLPYLKVLK	538	>FGFR2-G30:RLPYLKVLK	329	209
>FGFR2-G30:GLPYLKVLK	3143	>FGFR2-G30:RLPYLKVLK	220	2923
>FGFR2-G30:GLPYLKVL	5138	>FGFR2-G30:RLPYLKVL	212	4926
>FGFR2-G30:GLPYLKVLK	11501	>FGFR2-G30:RLPYLKVLK	490	11011
>FGFR2-G30:DGLPYLKVL	33154	>FGFR2-G30:DRLPYLKVL	126	33028
>FGFR2-G30:PDGLPYLKV	699	>FGFR2-G30:PDRLPYLKV	348	351
>FGFR2-G30:GPDGLPYL	121	>FGFR2-G30:GPDRLPYL	170	49
>FGFR2-G30:YGPDGLPY	4047	>FGFR2-G30:YGPDRLPY	457	3590
>FGFR2-G30:YGPDGLPYL	753	>FGFR2-G30:YGPDRLPYL	39	714
>FGFR2-G30:YGPDGLPYL	39	>FGFR2-G30:YGPDRLPYL	72	33
>FGFR2-G30:YGPDGLPYLK	342	>FGFR2-G30:YGPDRLPYLK'	482	140
>FGFR2-G30:YGPDGLPYL	130	>FGFR2-G30:YGPDRLPYL	370	240
>FGFR2-G30:YGPDGLPYLK	221	>FGFR2-G30:YGPDRLPYLK'	419	198
>FGFR2-G30:YGPDGLPYL	170	>FGFR2-G30:YGPDRLPYL	1110	940
>FGFR2-G30:YGPDGLPYLK	323	>FGFR2-G30:YGPDRLPYLK'	751	428
>FGFR2-G30:YGPDGLPYL	117	>FGFR2-G30:YGPDRLPYL	322	205
>FGFR2-G30:YGPDGLPYLK	74	>FGFR2-G30:YGPDRLPYLK'	144	70
>FGFR2-G30:YGPDGLPY	99	>FGFR2-G30:YGPDRLPY	289	190
>FGFR2-G30:YGPDGLPY	242	>FGFR2-G30:YGPDRLPY	519	277
>FGFR2-G30:YGPDGLPY	289	>FGFR2-G30:YGPDRLPY	1490	1201
>FGFR2-G30:YGPDGLPY	120	>FGFR2-G30:YGPDRLPY	414	294
>FGFR2-G30:YGPDGLPYL	6	>FGFR2-G30:YGPDRLPYL	7	1
>FGFR2-G30:YGPDGLPYLK	118	>FGFR2-G30:YGPDRLPYLK'	131	13
>FGFR2-G30:KYGPDGLPYL	576	>FGFR2-G30:KYGPDRLPYL	465	111
>FGFR2-G30:KYGPDGLPYL	506	>FGFR2-G30:KYGPDRLPYL	312	194
>FGFR2-G30:KYGPDGLPYL	13	>FGFR2-G30:KYGPDRLPYL	14	1
>FGFR2-G30:KYGPDGLPY	23	>FGFR2-G30:KYGPDRLPY	30	7
>FGFR2-G30:KYGPDGLPYL	1105	>FGFR2-G30:KYGPDRLPYL	445	660
>FGFR2-G30:KYGPDGLPYL	112	>FGFR2-G30:KYGPDRLPYL	43	69
>FGFR2-G30:KYGPDGLPY	240	>FGFR2-G30:KYGPDRLPY	93	147
>FGFR2-G30:KYGPDGLPYL	293	>FGFR2-G30:KYGPDRLPYL	107	186



>FGFR2-G30! KYGPDGLPY	10	>FGFR2-G30! KYGPDRLPY	30	20
>FGFR2-G30! KYGPDGLPY	367	>FGFR2-G30! KYGPDRLPY	256	111
>FGFR2-G30! KYGPDGLPYL	25	>FGFR2-G30! KYGPDRLPYL	20	5
>FGFR2-G30! KYGPDGLPYL	297	>FGFR2-G30! KYGPDRLPYL	189	108
>FGFR2-G30! KYGPDGLPYL	44	>FGFR2-G30! KYGPDRLPYL	39	5
>FGFR2-G30! SKYGPDGLPY	390	>FGFR2-G30! SKYGPDRLPY	587	197
>FGFR2-G30! SKYGPDGLPY	349	>FGFR2-G30! SKYGPDRLPY	451	102
>FGFR2-G30! SKYGPDGLPY	296	>FGFR2-G30! SKYGPDRLPY	519	223
>FGFR2-G30! SKYGPDGLPY	56	>FGFR2-G30! SKYGPDRLPY	162	106
>FGFR2-G30! SKYGPDGLPY	15	>FGFR2-G30! SKYGPDRLPY	10	5
>FGFR2-G30! SKYGPDGLPY	298	>FGFR2-G30! SKYGPDRLPY	204	94
>FGFR2-G30! GSKYGPDGLF	129	>FGFR2-G30! GSKYGPDRLP	166	37
>FGFR2-G30! GSKYGPDGLF	180	>FGFR2-G30! GSKYGPDRLP	133	47
>FGFR2-G30! GSKYGPDG	23512	>FGFR2-G30! GSKYGPDR	441	23071
>FGFR2-G30! GSKYGPDGLF	92	>FGFR2-G30! GSKYGPDRLP	116	24
>FGFR2-G30! GSKYGPDGLF	355	>FGFR2-G30! GSKYGPDRLP	482	127
>FGFR2-G30! GSKYGPDGLF	26	>FGFR2-G30! GSKYGPDRLP	37	11
>FGFR2-G30! GSKYGPDGL	1459	>FGFR2-G30! GSKYGPDR	258	1201
>FGFR2-G30! GSKYGPDGLF	118	>FGFR2-G30! GSKYGPDRLP	140	22
>FGFR2-G30! KNGSKYGPDI	35539	>FGFR2-G30! KNGSKYGPDI	385	35154
>FGFR2-G70: GSPYPGIPV	1227	>FGFR2-G70: SSPYPGIPV	30	1197
>FGFR2-G70: GSPYPGIPV	20	>FGFR2-G70: SSPYPGIPV	8	12
>FGFR2-G70: GSPYPGIPVE	704	>FGFR2-G70: SSPYPGIPVE	170	534
>FGFR2-G70: GGSPYPGIPV	12781	>FGFR2-G70: GSSPYPGIPV	353	12428
>FGFR2-G70: GGSPYPGI	15756	>FGFR2-G70: GSSPYPGI	177	15579
>FGFR2-G70: GGSPYPGI	815	>FGFR2-G70: GSSPYPGI	39	776
>FGFR2-G70: VLMWEIFTLC	2215	>FGFR2-G70: VLMWEIFTLC	232	1983
>FGFR2-G70: VLMWEIFTLC	518	>FGFR2-G70: VLMWEIFTLC	262	256
>FGFR2-G70: VLMWEIFTLC	1619	>FGFR2-G70: VLMWEIFTLC	465	1154
>FGFR2-G70: VLMWEIFTLC	131	>FGFR2-G70: VLMWEIFTLC	55	76
>FGFR2-G70: VLMWEIFTLC	2645	>FGFR2-G70: VLMWEIFTLC	422	2223
>FGFR2-G70: VLMWEIFTLC	389	>FGFR2-G70: VLMWEIFTLC	76	313
>FGFR2-G70: LGSPYPGI	319	>FGFR2-G70: LGSSPYPGI	198	121
>FGFR2-G70: TLGGSPYPGI	302	>FGFR2-G70: TLGSSPYPGI	393	91
>FGFR2-G70: TLGGSPYPGI	118	>FGFR2-G70: TLGSSPYPGI	73	45
>FGFR2-G70: TLGGSPYPGI	110	>FGFR2-G70: TLGSSPYPGI	96	14
>FGFR2-G70: TLGGSPYPGI	11	>FGFR2-G70: TLGSSPYPGI	16	5
>FGFR2-G70: TLGGSPYPGI	88	>FGFR2-G70: TLGSSPYPGI	71	17
>FGFR2-G70: TLGGSPYPGI	40	>FGFR2-G70: TLGSSPYPGI	58	18
>FGFR2-G70: TLGGSPYPGI	39	>FGFR2-G70: TLGSSPYPGI	48	9
>FGFR2-G70: TLGGSPYPGI	14	>FGFR2-G70: TLGSSPYPGI	39	25
>FGFR2-G70: TLGGSPYPGI	329	>FGFR2-G70: TLGSSPYPGI	227	102
>FGFR2-G70: FTLGGSPYPG	41	>FGFR2-G70: FTLGSSPYPGI	48	7

>FGFR2-G70:FTLGGSPYPG	728	>FGFR2-G70:FTLGSSPYPGI	492	236
>FGFR2-G70:FTLGGSPYP	269	>FGFR2-G70:FTLGSSPYP	479	210
>FGFR2-G70:FTLGGSPYPG	373	>FGFR2-G70:FTLGSSPYPG	274	99
>FGFR2-G70:FTLGGSPYPG	7	>FGFR2-G70:FTLGSSPYPGI	8	1
>FGFR2-G70:FTLGGSPYPG	6	>FGFR2-G70:FTLGSSPYPGI	8	2
>FGFR2-G70:FTLGGSPYPG	138	>FGFR2-G70:FTLGSSPYPGI	140	2
>FGFR2-G70:FTLGGSPYPG	20	>FGFR2-G70:FTLGSSPYPGI	27	7
>FGFR2-G70:FTLGGSPYPG	72	>FGFR2-G70:FTLGSSPYPGI	135	63
>FGFR2-G70:FTLGGSPYPG	86	>FGFR2-G70:FTLGSSPYPGI	141	55
>FGFR2-G70:FTLGGSPY	434	>FGFR2-G70:FTLGSSPY	259	175
>FGFR2-G70:FTLGGSPY	48	>FGFR2-G70:FTLGSSPY	40	8
>FGFR2-G70:FTLGGSPY	22	>FGFR2-G70:FTLGSSPY	22	0
>FGFR2-G70:FTLGGSPY	37	>FGFR2-G70:FTLGSSPY	48	11
>FGFR2-G70:FTLGGSPY	9	>FGFR2-G70:FTLGSSPY	12	3
>FGFR2-G70:FTLGGSPY	231	>FGFR2-G70:FTLGSSPY	313	82
>FGFR2-G70:FTLGGSPYPG	291	>FGFR2-G70:FTLGSSPYPGI	252	39
>FGFR2-G70:FTLGGSPYPG	4	>FGFR2-G70:FTLGSSPYPGI	4	0
>FGFR2-G70:FTLGGSPY	63	>FGFR2-G70:FTLGSSPY	50	13
>FGFR2-G70:FTLGGSPY	26	>FGFR2-G70:FTLGSSPY	34	8
>FGFR2-G70:FTLGGSPY	97	>FGFR2-G70:FTLGSSPY	35	62
>FGFR2-G70:FTLGGSPY	4	>FGFR2-G70:FTLGSSPY	3	1
>FGFR2-G70:FTLGGSPYPG	22	>FGFR2-G70:FTLGSSPYPGI	17	5
>FGFR2-G70:FTLGGSPY	36	>FGFR2-G70:FTLGSSPY	27	9
>FGFR2-G70:FTLGGSPY	180	>FGFR2-G70:FTLGSSPY	164	16
>FGFR2-G70:FTLGGSPYPG	465	>FGFR2-G70:FTLGSSPYPGI	554	89
>FGFR2-G70:FTLGGSPYPG	19	>FGFR2-G70:FTLGSSPYPGI	20	1
>FGFR2-G70:IFTLGGSPY	18	>FGFR2-G70:IFTLGGSPY	18	0
>FGFR2-G70:IFTLGGSPY	315	>FGFR2-G70:IFTLGGSPY	239	76
>FGFR2-G70:IFTLGGSPY	38	>FGFR2-G70:IFTLGGSPY	50	12
>FGFR2-G70:IFTLGGSPY	236	>FGFR2-G70:IFTLGGSPY	87	149
>FGFR2-G70:IFTLGGSPY	166	>FGFR2-G70:IFTLGGSPY	170	4
>FGFR2-G70:EIFTLGGSPY	144	>FGFR2-G70:EIFTLGGSPY	197	53
>FGFR2-G70:EIFTLGGSPY	88	>FGFR2-G70:EIFTLGGSPY	79	9
>FGFR2-G70:EIFTLGGSPY	31	>FGFR2-G70:EIFTLGGSPY	49	18
>FGFR2-G70:EIFTLGGSPY	240	>FGFR2-G70:EIFTLGGSPY	240	0
>FGFR2-G70:EIFTLGGSPY	75	>FGFR2-G70:EIFTLGGSPY	67	8
>FGFR2-G70:EIFTLGGSPY	113	>FGFR2-G70:EIFTLGGSPY	79	34
>FGFR2-G70:EIFTLGGSPY	77	>FGFR2-G70:EIFTLGGSPY	73	4
>FGFR2-G70:EIFTLGGSPY	340	>FGFR2-G70:EIFTLGGSPY	154	186
>FGFR2-G70:EIFTLGGSPY	881	>FGFR2-G70:EIFTLGGSPY	421	460
>FGFR2-G70:WEIFTLGGSP	261	>FGFR2-G70:WEIFTLGGSP`	245	16
>FGFR2-G70:WEIFTLGGSP	101	>FGFR2-G70:WEIFTLGGSP`	71	30
>FGFR2-G70:WEIFTLGGSP	194	>FGFR2-G70:WEIFTLGGSP`	227	33

>FGFR2-G70:WEIFTLGGSP	153	>FGFR2-G70:WEIFTLGSSP\	132	21
>FGFR2-G70:WEIFTLGG	2458	>FGFR2-G70:WEIFTLGS	313	2145
>FGFR2-G70:WEIFTLGGS	602	>FGFR2-G70:WEIFTLGSS	149	453
>FGFR2-G70:WEIFTLGGSP	4	>FGFR2-G70:WEIFTLGSSP\	4	0
>FGFR2-G70:WEIFTLGGSP	452	>FGFR2-G70:WEIFTLGSSP\	249	203
>FGFR2-G70:WEIFTLGGSP	431	>FGFR2-G70:WEIFTLGSSP\	555	124
>FGFR2-G70:WEIFTLGGSP	477	>FGFR2-G70:WEIFTLGSSP\	518	41
>FGFR2-G70:WEIFTLGGSP	425	>FGFR2-G70:WEIFTLGSSP\	402	23
>FGFR2-G70:WEIFTLGGS	326	>FGFR2-G70:WEIFTLGSS	285	41
>FGFR2-G70:WEIFTLGGSP	391	>FGFR2-G70:WEIFTLGSSP\	223	168
>FGFR2-G70:MWEIFTLGG	207	>FGFR2-G70:MWEIFTLGS	270	63
>FGFR2-G70:MWEIFTLGG\	116	>FGFR2-G70:MWEIFTLGSS	124	8
>FGFR2-G70:LMWEIFTLGC	268	>FGFR2-G70:LMWEIFTLGS	203	65
>FGFR2-G70:LMWEIFTLGC	551	>FGFR2-G70:LMWEIFTLGS	444	107
>FGFR2-G70:LMWEIFTLGC	403	>FGFR2-G70:LMWEIFTLGS	330	73
>FGFR2-G70:LMWEIFTLGC	203	>FGFR2-G70:LMWEIFTLGS	256	53
>FGFR2-G70:LMWEIFTLGC	31	>FGFR2-G70:LMWEIFTLGS	14	17
>FGFR2-G70:LMWEIFTLGC	20	>FGFR2-G70:LMWEIFTLGS	24	4
>FGFR2-G70:LMWEIFTLGC	468	>FGFR2-G70:LMWEIFTLGS	187	281
>FGFR2-G70:LMWEIFTLGC	443	>FGFR2-G70:LMWEIFTLGS	75	368
>FGFR2-G70:LMWEIFTLGC	249	>FGFR2-G70:LMWEIFTLGS	198	51
>FGFR2-H21:HWSLIMESV	176	>FGFR2-H21:YWSLIMESV	28	148
>FGFR2-H21:HWSLIMESV	1870	>FGFR2-H21:YWSLIMESV	116	1754
>FGFR2-H21:HWSLIMESV	491	>FGFR2-H21:YWSLIMESV	756	265
>FGFR2-H21:HWSLIMESV	136	>FGFR2-H21:YWSLIMESV	145	9
>FGFR2-H21:QHWSLIMES\	9009	>FGFR2-H21:QYWSLIMES\	61	8948
>FGFR2-H21:QHWSLIMES\	4711	>FGFR2-H21:QYWSLIMES\	30	4681
>FGFR2-H21:QHWSLIMES	20288	>FGFR2-H21:QYWSLIMES	320	19968
>FGFR2-H21:QHWSLIMES\	15688	>FGFR2-H21:QYWSLIMES\	110	15578
>FGFR2-H21:QHWSLIMES\	16268	>FGFR2-H21:QYWSLIMES\	214	16054
>FGFR2-H21:QHWSLIMES\	418	>FGFR2-H21:QYWSLIMES\	2738	2320
>FGFR2-H21:QHWSLIMES\	295	>FGFR2-H21:QYWSLIMES\	2218	1923
>FGFR2-H21:QHWSLIMES\	7840	>FGFR2-H21:QYWSLIMES\	257	7583
>FGFR2-H21:QHWSLIMES\	6991	>FGFR2-H21:QYWSLIMES\	80	6911
>FGFR2-H21:RIGGYKVRNC	13795	>FGFR2-H21:RIGGYKVRNC	338	13457
>FGFR2-H21:RIGGYKVRNC	20342	>FGFR2-H21:RIGGYKVRNC	331	20011
>FGFR2-H21:RIGGYKVRNC	13775	>FGFR2-H21:RIGGYKVRNC	418	13357
>FGFR2-H21:RIGGYKVRNC	14720	>FGFR2-H21:RIGGYKVRNC	270	14450
>FGFR2-H21:NQHWSLIME	2321	>FGFR2-H21:NQYWSLIME:	416	1905
>FGFR2-H21:NQHWSLIME	852	>FGFR2-H21:NQYWSLIME:	64	788
>FGFR2-H21:NQHWSLIME	658	>FGFR2-H21:NQYWSLIME:	98	560
>FGFR2-H21:NQHWSLIME	55	>FGFR2-H21:NQYWSLIME:	14	41
>FGFR2-H21:NQHWSLIM	1372	>FGFR2-H21:NQYWSLIM	131	1241

>FGFR2-H21:NQHWSLIME	11	>FGFR2-H21:NQYWSLIME	4	7
>FGFR2-H21:NQHWSLIME	154	>FGFR2-H21:NQYWSLIME	24	130
>FGFR2-H21:NQHWSLIME	1978	>FGFR2-H21:NQYWSLIME	268	1710
>FGFR2-H21:NQHWSLIME	2575	>FGFR2-H21:NQYWSLIME	152	2423
>FGFR2-H21:NQHWSLIME	3585	>FGFR2-H21:NQYWSLIME	164	3421
>FGFR2-H21:NQHWSLIM	437	>FGFR2-H21:NQYWSLIM	192	245
>FGFR2-H21:NQHWSLIM	224	>FGFR2-H21:NQYWSLIM	52	172
>FGFR2-H21:NQHWSLIME	1577	>FGFR2-H21:NQYWSLIME	338	1239
>FGFR2-H21:NQHWSLIM	73	>FGFR2-H21:NQYWSLIM	39	34
>FGFR2-H21:NQHWSLIM	1846	>FGFR2-H21:NQYWSLIM	458	1388
>FGFR2-H21:RNQHWSLIM	219	>FGFR2-H21:RNQYWSLIM	123	96
>FGFR2-H21:RNQHWSLIM	381	>FGFR2-H21:RNQYWSLIM	272	109
>FGFR2-H21:RNQHWSLI	57	>FGFR2-H21:RNQYWSLI	46	11
>FGFR2-H21:VRNQHWSLI	622	>FGFR2-H21:VRNQYWSLI	174	448
>FGFR2-H21:VRNQHWSL	622	>FGFR2-H21:VRNQYWSL	475	147
>FGFR2-H21:VRNQHWSLII	260	>FGFR2-H21:VRNQYWSLII	229	31
>FGFR2-H21:VRNQHWSL	324	>FGFR2-H21:VRNQYWSL	152	172
>FGFR2-H21:VRNQHWSLI	422	>FGFR2-H21:VRNQYWSLI	189	233
>FGFR2-H21:VRNQHWSLII	110	>FGFR2-H21:VRNQYWSLII	55	55
>FGFR2-H21:VRNQHWSL	337	>FGFR2-H21:VRNQYWSL	191	146
>FGFR2-H21:VRNQHWSLII	776	>FGFR2-H21:VRNQYWSLII	433	343
>FGFR2-H21:VRNQHWSL	250	>FGFR2-H21:VRNQYWSL	160	90
>FGFR2-H21:VRNQHWSLI	688	>FGFR2-H21:VRNQYWSLI	350	338
>FGFR2-H21:VRNQHWSLII	296	>FGFR2-H21:VRNQYWSLII	215	81
>FGFR2-H21:VRNQHWSLI	48	>FGFR2-H21:VRNQYWSLI	47	1
>FGFR2-H21:VRNQHWSLII	114	>FGFR2-H21:VRNQYWSLII	57	57
>FGFR2-H21:KVRNQHWSL	544	>FGFR2-H21:KVRNQYWSL	135	409
>FGFR2-H21:KVRNQHWSL	127	>FGFR2-H21:KVRNQYWSL	106	21
>FGFR2-H21:KVRNQHWS	11	>FGFR2-H21:KVRNQYWS	14	3
>FGFR2-H21:KVRNQHWSL	4	>FGFR2-H21:KVRNQYWSL	4	0
>FGFR2-H21:KVRNQHWSL	3	>FGFR2-H21:KVRNQYWSL	3	0
>FGFR2-H21:KVRNQHWSL	4	>FGFR2-H21:KVRNQYWSL	4	0
>FGFR2-H21:KVRNQHWSL	75	>FGFR2-H21:KVRNQYWSL	265	190
>FGFR2-H21:KVRNQHWSL	123	>FGFR2-H21:KVRNQYWSL	323	200
>FGFR2-H21:KVRNQHWSL	231	>FGFR2-H21:KVRNQYWSL	384	153
>FGFR2-H21:KVRNQHWSL	170	>FGFR2-H21:KVRNQYWSL	196	26
>FGFR2-H21:KVRNQHWSL	473	>FGFR2-H21:KVRNQYWSL	586	113
>FGFR2-H21:KVRNQHWSL	459	>FGFR2-H21:KVRNQYWSL	374	85
>FGFR2-H21:KVRNQHWSL	116	>FGFR2-H21:KVRNQYWSL	413	297
>FGFR2-H21:KVRNQHWSL	90	>FGFR2-H21:KVRNQYWSL	176	86
>FGFR2-H21:KVRNQHWSL	54	>FGFR2-H21:KVRNQYWSL	68	14
>FGFR2-H21:KVRNQHWSL	152	>FGFR2-H21:KVRNQYWSL	122	30
>FGFR2-H21:YKVRNQHWS	555	>FGFR2-H21:YKVRNQYWS	396	159

>FGFR2-H21:YKVRNQHW\$	325	>FGFR2-H21:YKVRNQYWS	255	70
>FGFR2-H21:YKVRNQHW	61	>FGFR2-H21:YKVRNQYW	50	11
>FGFR2-H21:YKVRNQHW\$	16	>FGFR2-H21:YKVRNQYWS	13	3
>FGFR2-H21:YKVRNQHW\$	51	>FGFR2-H21:YKVRNQYWS	40	11
>FGFR2-H21:YKVRNQHW\$	37	>FGFR2-H21:YKVRNQYWS	42	5
>FGFR2-H21:GYKVRNQHM	129	>FGFR2-H21:GYKVRNQYM	115	14
>FGFR2-H21:GYKVRNQHM	413	>FGFR2-H21:GYKVRNQYM	891	478
>FGFR2-H21:GYKVRNQHM	280	>FGFR2-H21:GYKVRNQYM	125	155
>FGFR2-H21:GYKVRNQHM	41	>FGFR2-H21:GYKVRNQYM	27	14
>FGFR2-H21:GYKVRNQHM	236	>FGFR2-H21:GYKVRNQYM	262	26
>FGFR2-H21:GYKVRNQH	17793	>FGFR2-H21:GYKVRNQY	485	17308
>FGFR2-H21:GYKVRNQH	19976	>FGFR2-H21:GYKVRNQY	358	19618
>FGFR2-H21:GGYKVRNQH	18496	>FGFR2-H21:GGYKVRNQY	310	18186
>FGFR2-H21:GGYKVRNQH	585	>FGFR2-H21:GGYKVRNQY	493	92
>FGFR2-H21:GGYKVRNQH	265	>FGFR2-H21:GGYKVRNQY	172	93
>FGFR2-H21:GGYKVRNQH	367	>FGFR2-H21:GGYKVRNQY	348	19
>FGFR2-H21:GGYKVRNQH	986	>FGFR2-H21:GGYKVRNQY	40	946
>FGFR2-H21:GGYKVRNQH	33456	>FGFR2-H21:GGYKVRNQY	429	33027
>FGFR2-H21:IGGYKVRNQ\	24939	>FGFR2-H21:IGGYKVRNQ\	382	24557
>FGFR2-H21:IGGYKVRNQ\	564	>FGFR2-H21:IGGYKVRNQ\	344	220
>FGFR2-H54:KHKNIINLL	3231	>FGFR2-H54:KQKNIINLL	70	3161
>FGFR2-H54:KHKNIINL	16120	>FGFR2-H54:KQKNIINL	383	15737
>FGFR2-H54:KHKNIINLL	12405	>FGFR2-H54:KQKNIINLL	79	12326
>FGFR2-H54:KHKNIINLLG/	10473	>FGFR2-H54:KQKNIINLLG/	100	10373
>FGFR2-H54:KHKNIINL	20984	>FGFR2-H54:KQKNIINL	234	20750
>FGFR2-H54:KHKNIINLL	18463	>FGFR2-H54:KQKNIINLL	49	18414
>FGFR2-H54:KHKNIINLLG/	21332	>FGFR2-H54:KQKNIINLLG/	71	21261
>FGFR2-H54:KHKNIINL	2116	>FGFR2-H54:KQKNIINL	140	1976
>FGFR2-H54:KHKNIINLL	2568	>FGFR2-H54:KQKNIINLL	160	2408
>FGFR2-H54:KHKNIINLLG	4301	>FGFR2-H54:KQKNIINLLG	429	3872
>FGFR2-H54:KHKNIINLLG/	1673	>FGFR2-H54:KQKNIINLLG/	82	1591
>FGFR2-H54:KHKNIINL	440	>FGFR2-H54:KQKNIINL	36	404
>FGFR2-H54:KHKNIINLL	1076	>FGFR2-H54:KQKNIINLL	91	985
>FGFR2-H54:KHKNIINLL	9740	>FGFR2-H54:KQKNIINLL	235	9505
>FGFR2-H54:KHKNIINLL	548	>FGFR2-H54:KQKNIINLL	202	346
>FGFR2-H54:KHKNIINLL	678	>FGFR2-H54:KQKNIINLL	68	610
>FGFR2-H54:GKHKNIINL	121	>FGFR2-H54:GKQKNIINL	493	372
>FGFR2-H54:GKHKNIINLL	313	>FGFR2-H54:GKQKNIINLL	1230	917
>FGFR2-H54:GKHKNIINL	469	>FGFR2-H54:GKQKNIINL	78	391
>FGFR2-H54:MIGKHKNIIN	401	>FGFR2-H54:MIGKQKNIIN	653	252
>FGFR2-H54:MIGKHKNIIN	239	>FGFR2-H54:MIGKQKNIIN	206	33
>FGFR2-H54:MIGKHKNI	431	>FGFR2-H54:MIGKQKNI	2209	1778
>FGFR2-H54:MIGKHKNII	174	>FGFR2-H54:MIGKQKNII	1359	1185

>FGFR2-H54' KMIGKHKNI	783	>FGFR2-H54' KMIGKQKNI	401	382
>FGFR2-H54' KMIGKHKNI	76	>FGFR2-H54' KMIGKQKNI	70	6
>FGFR2-H54' KMIGKHKNII	423	>FGFR2-H54' KMIGKQKNII	509	86
>FGFR2-H54' KMIGKHKNI	47	>FGFR2-H54' KMIGKQKNI	69	22
>FGFR2-H54' KMIGKHKNII	144	>FGFR2-H54' KMIGKQKNII	228	84
>FGFR2-H54' KMIGKHKNI	596	>FGFR2-H54' KMIGKQKNI	195	401
>FGFR2-H54' KMIGKHKNII	188	>FGFR2-H54' KMIGKQKNII	110	78
>FGFR2-H54' KMIGKHKNI	187	>FGFR2-H54' KMIGKQKNI	156	31
>FGFR2-H54' KMIGKHKNII	336	>FGFR2-H54' KMIGKQKNII	282	54
>FGFR2-H54' KMIGKHKNI	33	>FGFR2-H54' KMIGKQKNI	61	28
>FGFR2-H54' KMIGKHKNII	64	>FGFR2-H54' KMIGKQKNII	96	32
>FGFR2-H54' MKMIGKHKN	460	>FGFR2-H54' MKMIGKQKN	524	64
>FGFR2-H54' MKMIGKHKN	102	>FGFR2-H54' MKMIGKQKN	98	4
>FGFR2-H54' MKMIGKHKN	106	>FGFR2-H54' MKMIGKQKN	84	22
>FGFR2-H54' MKMIGKHKN	445	>FGFR2-H54' MKMIGKQKN	889	444
>FGFR2-H54' MMKMIGKHI	25	>FGFR2-H54' MMKMIGKQ	23	2
>FGFR2-H54' MMKMIGKHI	353	>FGFR2-H54' MMKMIGKQ	257	96
>FGFR2-H54' MMKMIGKHI	138	>FGFR2-H54' MMKMIGKQ	160	22
>FGFR2-H54' MMKMIGKHI	867	>FGFR2-H54' MMKMIGKQ	395	472
>FGFR2-H54' MMKMIGKHI	10	>FGFR2-H54' MMKMIGKQ	16	6
>FGFR2-H54' MMKMIGKHI	104	>FGFR2-H54' MMKMIGKQ	244	140
>FGFR2-H54' MMKMIGKHI	26	>FGFR2-H54' MMKMIGKQ	51	25
>FGFR2-H54' MMKMIGKHI	644	>FGFR2-H54' MMKMIGKQ	398	246
>FGFR2-H54' MMKMIGKHI	42	>FGFR2-H54' MMKMIGKQ	58	16
>FGFR2-H54' MMKMIGKHI	491	>FGFR2-H54' MMKMIGKQ	804	313
>FGFR2-H54' MMKMIGKHI	123	>FGFR2-H54' MMKMIGKQ	182	59
>FGFR2-H54' EMMKMIGKI	74	>FGFR2-H54' EMMKMIGKI	113	39
>FGFR2-H54' EMMKMIGKI	177	>FGFR2-H54' EMMKMIGKI	305	128
>FGFR2-H54' EMMKMIGKI	100	>FGFR2-H54' EMMKMIGKI	111	11
>FGFR2-I380' IYCIGVFL	211	>FGFR2-I380' VYCIGVFL	352	141
>FGFR2-I380' IYCIGVFLI	110	>FGFR2-I380' VYCIGVFLI	134	24
>FGFR2-I380' IYCIGVFL	201	>FGFR2-I380' VYCIGVFL	353	152
>FGFR2-I380' IYCIGVFLI	24	>FGFR2-I380' VYCIGVFLI	35	11
>FGFR2-I380' IYCIGVFL	18	>FGFR2-I380' VYCIGVFL	15	3
>FGFR2-I380' IYCIGVFLI	19	>FGFR2-I380' VYCIGVFLI	15	4
>FGFR2-I380' IYCIGVFLIA	64	>FGFR2-I380' VYCIGVFLIA	54	10
>FGFR2-I380' IYCIGVFL	647	>FGFR2-I380' VYCIGVFL	496	151
>FGFR2-I380' AIYCIGVFL	77	>FGFR2-I380' AVYCIGVFL	148	71
>FGFR2-I380' AIYCIGVFLI	257	>FGFR2-I380' AVYCIGVFLI	502	245
>FGFR2-I380' AIYCIGVFL	16	>FGFR2-I380' AVYCIGVFL	27	11
>FGFR2-I380' AIYCIGVFLI	80	>FGFR2-I380' AVYCIGVFLI	112	32
>FGFR2-I380' AIYCIGVFL	65	>FGFR2-I380' AVYCIGVFL	138	73
>FGFR2-I380' AIYCIGVFLI	167	>FGFR2-I380' AVYCIGVFLI	252	85

>FGFR2-I380' AIYCIGVFLIA	85	>FGFR2-I380' AVYCIGVFLIA	173	88
>FGFR2-I380' AIYCIGVFL	77	>FGFR2-I380' AVYCIGVFL	55	22
>FGFR2-I380' AIYCIGVFLI	268	>FGFR2-I380' AVYCIGVFLI	275	7
>FGFR2-I380' AIYCIGVFLIA	193	>FGFR2-I380' AVYCIGVFLIA	157	36
>FGFR2-I380' AIYCIGVFL	13	>FGFR2-I380' AVYCIGVFL	36	23
>FGFR2-I380' AIYCIGVFLI	9	>FGFR2-I380' AVYCIGVFLI	24	15
>FGFR2-I380' AIYCIGVFLIA	244	>FGFR2-I380' AVYCIGVFLIA	760	516
>FGFR2-I380' AIYCIGVFL	99	>FGFR2-I380' AVYCIGVFL	196	97
>FGFR2-I380' AIYCIGVFLI	152	>FGFR2-I380' AVYCIGVFLI	286	134
>FGFR2-I380' AIYCIGVFL	54	>FGFR2-I380' AVYCIGVFL	131	77
>FGFR2-I380' AIYCIGVFLI	62	>FGFR2-I380' AVYCIGVFLI	155	93
>FGFR2-I380' AIYCIGVFL	142	>FGFR2-I380' AVYCIGVFL	465	323
>FGFR2-I380' AIYCIGVFLI	155	>FGFR2-I380' AVYCIGVFLI	496	341
>FGFR2-I380' AIYCIGVF	628	>FGFR2-I380' AVYCIGVF	160	468
>FGFR2-I380' AIYCIGVF	185	>FGFR2-I380' AVYCIGVF	154	31
>FGFR2-I380' AIYCIGVFL	238	>FGFR2-I380' AVYCIGVFL	182	56
>FGFR2-I380' AIYCIGVFLI	75	>FGFR2-I380' AVYCIGVFLI	60	15
>FGFR2-I380' AIYCIGVFL	324	>FGFR2-I380' AVYCIGVFL	58	266
>FGFR2-I380' AIYCIGVFLI	1105	>FGFR2-I380' AVYCIGVFLI	443	662
>FGFR2-I380' AIYCIGVFLI	355	>FGFR2-I380' AVYCIGVFLI	182	173
>FGFR2-I380' AIYCIGVF	58	>FGFR2-I380' AVYCIGVF	64	6
>FGFR2-I380' AIYCIGVF	65	>FGFR2-I380' AVYCIGVF	90	25
>FGFR2-I380' AIYCIGVFL	368	>FGFR2-I380' AVYCIGVFL	555	187
>FGFR2-I380' AIYCIGVF	345	>FGFR2-I380' AVYCIGVF	86	259
>FGFR2-I380' AIYCIGVFL	1191	>FGFR2-I380' AVYCIGVFL	400	791
>FGFR2-I380' TASP DYLEIAI	365	>FGFR2-I380' TASP DYLEIAV	74	291
>FGFR2-I380' TASP DYLEIAI	290	>FGFR2-I380' TASP DYLEIAV	8183	7893
>FGFR2-I380' IAIYCIGV	267	>FGFR2-I380' IAVYCIGV	1289	1022
>FGFR2-I380' IAIYCIGVFLI	491	>FGFR2-I380' IAVYCIGVFLI	1437	946
>FGFR2-I380' IAIYCIGVFL	279	>FGFR2-I380' IAVYCIGVFL	456	177
>FGFR2-I380' IAIYCIGV	334	>FGFR2-I380' IAVYCIGV	539	205
>FGFR2-I380' IAIYCIGV	36	>FGFR2-I380' IAVYCIGV	57	21
>FGFR2-I380' IAIYCIGVFL	488	>FGFR2-I380' IAVYCIGVFL	752	264
>FGFR2-I380' IAIYCIGVFLI	121	>FGFR2-I380' IAVYCIGVFLI	180	59
>FGFR2-I380' IAIYCIGVF	280	>FGFR2-I380' IAVYCIGVF	694	414
>FGFR2-I380' IAIYCIGV	81	>FGFR2-I380' IAVYCIGV	134	53
>FGFR2-I380' IAIYCIGVFL	517	>FGFR2-I380' IAVYCIGVFL	457	60
>FGFR2-I380' IAIYCIGVFLI	108	>FGFR2-I380' IAVYCIGVFLI	177	69
>FGFR2-I380' IAIYCIGVF	81	>FGFR2-I380' IAVYCIGVF	141	60
>FGFR2-I380' IAIYCIGVF	58	>FGFR2-I380' IAVYCIGVF	84	26
>FGFR2-I380' IAIYCIGVFL	351	>FGFR2-I380' IAVYCIGVFL	505	154
>FGFR2-I380' IAIYCIGVF	22	>FGFR2-I380' IAVYCIGVF	20	2
>FGFR2-I380' IAIYCIGVFL	195	>FGFR2-I380' IAVYCIGVFL	191	4

>FGFR2-I380' IAIYCIGVFLI	367	>FGFR2-I380' IAVYCIGVFLI	362	5
>FGFR2-I380' IAIYCIGVF	118	>FGFR2-I380' IAVYCIGVF	119	1
>FGFR2-I380' IAIYCIGVFLI	162	>FGFR2-I380' IAVYCIGVFLI	199	37
>FGFR2-I380' IAIYCIGVF	121	>FGFR2-I380' IAVYCIGVF	239	118
>FGFR2-I380' IAIYCIGVFLI	137	>FGFR2-I380' IAVYCIGVFLI	203	66
>FGFR2-I380' IAIYCIGVFL	835	>FGFR2-I380' IAVYCIGVFL	427	408
>FGFR2-I380' IAIYCIGVF	92	>FGFR2-I380' IAVYCIGVF	63	29
>FGFR2-I380' IAIYCIGVFLI	142	>FGFR2-I380' IAVYCIGVFLI	232	90
>FGFR2-I380' EIAIYCIGVFL	187	>FGFR2-I380' EIAVYCIGVFL	181	6
>FGFR2-I380' EIAIYCIGV	367	>FGFR2-I380' EIAVYCIGV	300	67
>FGFR2-I380' EIAIYCIGV	416	>FGFR2-I380' EIAVYCIGV	1083	667
>FGFR2-I380' EIAIYCIGV	359	>FGFR2-I380' EIAVYCIGV	145	214
>FGFR2-I380' EIAIYCIGV	82	>FGFR2-I380' EIAVYCIGV	135	53
>FGFR2-I380' EIAIYCIGVF	199	>FGFR2-I380' EIAVYCIGVF	263	64
>FGFR2-I380' EIAIYCIGVF	94	>FGFR2-I380' EIAVYCIGVF	57	37
>FGFR2-I380' EIAIYCIGV	19	>FGFR2-I380' EIAVYCIGV	18	1
>FGFR2-I380' EIAIYCIGVFL	27	>FGFR2-I380' EIAVYCIGVFL	25	2
>FGFR2-I380' EIAIYCIGV	6	>FGFR2-I380' EIAVYCIGV	6	0
>FGFR2-I380' EIAIYCIGVFL	37	>FGFR2-I380' EIAVYCIGVFL	39	2
>FGFR2-I380' LEIAIYCI	186	>FGFR2-I380' LEIAVYCI	86	100
>FGFR2-I380' LEIAIYCIGV	101	>FGFR2-I380' LEIAVYCIGV	108	7
>FGFR2-I380' LEIAIYCIGVF	90	>FGFR2-I380' LEIAVYCIGVF	73	17
>FGFR2-I380' LEIAIYCIGVF	132	>FGFR2-I380' LEIAVYCIGVF	137	5
>FGFR2-I380' LEIAIYCI	256	>FGFR2-I380' LEIAVYCI	273	17
>FGFR2-I380' LEIAIYCIGVF	20	>FGFR2-I380' LEIAVYCIGVF	21	1
>FGFR2-I380' LEIAIYCI	44	>FGFR2-I380' LEIAVYCI	51	7
>FGFR2-I380' LEIAIYCIGVF	32	>FGFR2-I380' LEIAVYCIGVF	34	2
>FGFR2-I380' LEIAIYCI	42	>FGFR2-I380' LEIAVYCI	55	13
>FGFR2-I380' LEIAIYCIGVF	134	>FGFR2-I380' LEIAVYCIGVF	183	49
>FGFR2-I380' LEIAIYCI	260	>FGFR2-I380' LEIAVYCI	262	2
>FGFR2-I380' LEIAIYCI	355	>FGFR2-I380' LEIAVYCI	386	31
>FGFR2-I380' LEIAIYCIGVF	92	>FGFR2-I380' LEIAVYCIGVF	101	9
>FGFR2-I380' LEIAIYCI	470	>FGFR2-I380' LEIAVYCI	594	124
>FGFR2-I380' LEIAIYCI	8	>FGFR2-I380' LEIAVYCI	9	1
>FGFR2-I380' LEIAIYCIGV	16	>FGFR2-I380' LEIAVYCIGV	17	1
>FGFR2-I380' LEIAIYCIGVF	40	>FGFR2-I380' LEIAVYCIGVF	45	5
>FGFR2-I380' YLEIAIYCI	30	>FGFR2-I380' YLEIAVYCI	37	7
>FGFR2-I380' YLEIAIYCIGV	22	>FGFR2-I380' YLEIAVYCIGV	24	2
>FGFR2-I380' YLEIAIYCI	14	>FGFR2-I380' YLEIAVYCI	15	1
>FGFR2-I380' YLEIAIYCIGV	10	>FGFR2-I380' YLEIAVYCIGV	10	0
>FGFR2-I380' YLEIAIYCI	499	>FGFR2-I380' YLEIAVYCI	384	115
>FGFR2-I380' YLEIAIYCIGV	36	>FGFR2-I380' YLEIAVYCIGV	32	4
>FGFR2-I380' YLEIAIYCIGV	26	>FGFR2-I380' YLEIAVYCIGV	33	7



>FGFR2-I380' YLEIAIYC	25	>FGFR2-I380' YLEIAVYC	32	7
>FGFR2-I380' YLEIAIYCI	12	>FGFR2-I380' YLEIAVYCI	14	2
>FGFR2-I380' YLEIAIYCIGV	3	>FGFR2-I380' YLEIAVYCIGV	3	0
>FGFR2-I380' YLEIAIYC	174	>FGFR2-I380' YLEIAVYC	183	9
>FGFR2-I380' YLEIAIYCI	8	>FGFR2-I380' YLEIAVYCI	9	1
>FGFR2-I380' YLEIAIYCIGV	6	>FGFR2-I380' YLEIAVYCIGV	6	0
>FGFR2-I380' YLEIAIYCI	22	>FGFR2-I380' YLEIAVYCI	24	2
>FGFR2-I380' YLEIAIYCIGV	7	>FGFR2-I380' YLEIAVYCIGV	7	0
>FGFR2-I380' YLEIAIYCI	32	>FGFR2-I380' YLEIAVYCI	26	6
>FGFR2-I380' YLEIAIYCIGV	8	>FGFR2-I380' YLEIAVYCIGV	7	1
>FGFR2-I380' YLEIAIYC	9	>FGFR2-I380' YLEIAVYC	10	1
>FGFR2-I380' YLEIAIYCI	8	>FGFR2-I380' YLEIAVYCI	11	3
>FGFR2-I380' YLEIAIYCIGV	2	>FGFR2-I380' YLEIAVYCIGV	2	0
>FGFR2-I380' YLEIAIYCIGV	444	>FGFR2-I380' YLEIAVYCIGV	444	0
>FGFR2-I380' DYLEIAIYCI	425	>FGFR2-I380' DYLEIAVYCI	352	73
>FGFR2-I380' DYLEIAIYCI	106	>FGFR2-I380' DYLEIAVYCI	76	30
>FGFR2-I380' DYLEIAIYCI	647	>FGFR2-I380' DYLEIAVYCI	344	303
>FGFR2-I380' DYLEIAIYCI	330	>FGFR2-I380' DYLEIAVYCI	278	52
>FGFR2-I380' DYLEIAIY	470	>FGFR2-I380' DYLEIAVY	356	114
>FGFR2-I380' DYLEIAIY	235	>FGFR2-I380' DYLEIAVY	249	14
>FGFR2-I380' DYLEIAIY	535	>FGFR2-I380' DYLEIAVY	419	116
>FGFR2-I380' PDYLEIAIYCI	287	>FGFR2-I380' PDYLEIAVYCI	264	23
>FGFR2-I380' PDYLEIAI	199	>FGFR2-I380' PDYLEIAV	1005	806
>FGFR2-I380' PDYLEIAIYCI	241	>FGFR2-I380' PDYLEIAVYCI	278	37
>FGFR2-I380' PDYLEIAI	50	>FGFR2-I380' PDYLEIAV	94	44
>FGFR2-I380' PDYLEIAIYCI	30	>FGFR2-I380' PDYLEIAVYCI	32	2
>FGFR2-I380' SPDYLEIAI	337	>FGFR2-I380' SPDYLEIAV	556	219
>FGFR2-I380' SPDYLEIAIY	96	>FGFR2-I380' SPDYLEIAVY	82	14
>FGFR2-I380' SPDYLEIAI	311	>FGFR2-I380' SPDYLEIAV	2827	2516
>FGFR2-I380' SPDYLEIAIY	384	>FGFR2-I380' SPDYLEIAVY	455	71
>FGFR2-I380' SPDYLEIAIY	447	>FGFR2-I380' SPDYLEIAVY	584	137
>FGFR2-I380' SPDYLEIAIY	158	>FGFR2-I380' SPDYLEIAVY	64	94
>FGFR2-I380' ASPDYLEIAIY	40	>FGFR2-I380' ASPDYLEIAV\	28	12
>FGFR2-I380' ASPDYLEIAIY	249	>FGFR2-I380' ASPDYLEIAV\	233	16
>FGFR2-I380' ASPDYLEIAI	1185	>FGFR2-I380' ASPDYLEIAV	322	863
>FGFR2-I380' ASPDYLEIAIY	1270	>FGFR2-I380' ASPDYLEIAV\	325	945
>FGFR2-I380' ASPDYLEIAIY	112	>FGFR2-I380' ASPDYLEIAV\	72	40
>FGFR2-I380' ASPDYLEIAI	17	>FGFR2-I380' ASPDYLEIAV	29	12
>FGFR2-I380' ASPDYLEIAIY	16	>FGFR2-I380' ASPDYLEIAV\	25	9
>FGFR2-I547' NIINLLGA	93	>FGFR2-I547' NVINLLGA	200	107
>FGFR2-I547' NIINLLGA	84	>FGFR2-I547' NVINLLGA	75	9
>FGFR2-I547' NIINLLGA	495	>FGFR2-I547' NVINLLGA	95	400
>FGFR2-I547' NIINLLGA	966	>FGFR2-I547' NVINLLGA	464	502

>FGFR2-I547 MMKMIGKHI	997	>FGFR2-I547 MMKMIGKHI	262	735
>FGFR2-I547 MMKMIGKHI	25	>FGFR2-I547 MMKMIGKHI	7	18
>FGFR2-I547 MMKMIGKHI	791	>FGFR2-I547 MMKMIGKHI	53	738
>FGFR2-I547 MMKMIGKHI	353	>FGFR2-I547 MMKMIGKHI	6	347
>FGFR2-I547 MMKMIGKHI	104	>FGFR2-I547 MMKMIGKHI	184	80
>FGFR2-I547 MMKMIGKHI	42	>FGFR2-I547 MMKMIGKHI	59	17
>FGFR2-I547 MMKMIGKHI	123	>FGFR2-I547 MMKMIGKHI	175	52
>FGFR2-I547 HKNIINLL	722	>FGFR2-I547 HKNVINLL	439	283
>FGFR2-I547 HKNIINLL	603	>FGFR2-I547 HKNVINLL	278	325
>FGFR2-I547 KHKNIINL	440	>FGFR2-I547 KHKNVINL	380	60
>FGFR2-I547 GKHKNIINL	121	>FGFR2-I547 GKHKNVINL	90	31
>FGFR2-I547 GKHKNIINLL	313	>FGFR2-I547 GKHKNVINLL	265	48
>FGFR2-I547 GKHKNIINL	469	>FGFR2-I547 GKHKNVINL	844	375
>FGFR2-I547 MIGKHKNIIN	401	>FGFR2-I547 MIGKHKNVIN	407	6
>FGFR2-I547 MIGKHKNI	2384	>FGFR2-I547 MIGKHKNV	303	2081
>FGFR2-I547 MIGKHKNI	3105	>FGFR2-I547 MIGKHKNV	199	2906
>FGFR2-I547 MIGKHKNI	5538	>FGFR2-I547 MIGKHKNV	30	5508
>FGFR2-I547 MIGKHKNIIN	239	>FGFR2-I547 MIGKHKNVIN	339	100
>FGFR2-I547 MIGKHKNI	431	>FGFR2-I547 MIGKHKNV	641	210
>FGFR2-I547 MIGKHKNII	174	>FGFR2-I547 MIGKHKNVI	126	48
>FGFR2-I547 KMIGKHKNI	783	>FGFR2-I547 KMIGKHKNV	130	653
>FGFR2-I547 KMIGKHKNI	76	>FGFR2-I547 KMIGKHKNV	13	63
>FGFR2-I547 KMIGKHKNII	423	>FGFR2-I547 KMIGKHKNVI	382	41
>FGFR2-I547 KMIGKHKNI	47	>FGFR2-I547 KMIGKHKNV	7	40
>FGFR2-I547 KMIGKHKNII	144	>FGFR2-I547 KMIGKHKNVI	57	87
>FGFR2-I547 KMIGKHKNI	596	>FGFR2-I547 KMIGKHKNV	55	541
>FGFR2-I547 KMIGKHKNII	188	>FGFR2-I547 KMIGKHKNVI	145	43
>FGFR2-I547 KMIGKHKNI	1446	>FGFR2-I547 KMIGKHKNV	47	1399
>FGFR2-I547 KMIGKHKNI	187	>FGFR2-I547 KMIGKHKNV	5	182
>FGFR2-I547 KMIGKHKNII	336	>FGFR2-I547 KMIGKHKNVI	247	89
>FGFR2-I547 KMIGKHKNI	33	>FGFR2-I547 KMIGKHKNV	620	587
>FGFR2-I547 KMIGKHKNII	64	>FGFR2-I547 KMIGKHKNVI	48	16
>FGFR2-I547 MKMIGKHKN	460	>FGFR2-I547 MKMIGKHKN	513	53
>FGFR2-I547 MKMIGKHKN	102	>FGFR2-I547 MKMIGKHKN	140	38
>FGFR2-I547 MKMIGKHKN	106	>FGFR2-I547 MKMIGKHKN	77	29
>FGFR2-I547 MKMIGKHKN	445	>FGFR2-I547 MKMIGKHKN	192	253
>FGFR2-I642 KIADFLA	83	>FGFR2-I642 KVADFLA	204	121
>FGFR2-I642 KIADFLA	38	>FGFR2-I642 KVADFLA	88	50
>FGFR2-I642 KIADFLARD	352	>FGFR2-I642 KVADFLARD	790	438
>FGFR2-I642 KIADFLA	44	>FGFR2-I642 KVADFLA	38	6
>FGFR2-I642 KIADFLAR	366	>FGFR2-I642 KVADFLAR	411	45
>FGFR2-I642 KIADFLAR	67	>FGFR2-I642 KVADFLAR	30	37
>FGFR2-I642 KIADFLAR	50	>FGFR2-I642 KVADFLAR	36	14

>FGFR2-I642' KIADFLGARD	84	>FGFR2-I642' KVADFLGARD	67	17
>FGFR2-I642' KIADFLGAR	386	>FGFR2-I642' KVADFLGAR	150	236
>FGFR2-I642' KIADFLGAR	16	>FGFR2-I642' KVADFLGAR	22	6
>FGFR2-I642' KIADFLGARD	1892	>FGFR2-I642' KVADFLGARD	443	1449
>FGFR2-I642' VLVTEENVVM	899	>FGFR2-I642' VLVTEENVVM	156	743
>FGFR2-I642' VLVTEENVVM	167	>FGFR2-I642' VLVTEENVVM	38	129
>FGFR2-I642' VLVTEENVVM	59	>FGFR2-I642' VLVTEENVVM	13	46
>FGFR2-I642' VLVTEENVVM	1203	>FGFR2-I642' VLVTEENVVM	139	1064
>FGFR2-I642' VLVTEENVVM	77	>FGFR2-I642' VLVTEENVVM	9	68
>FGFR2-I642' VLVTEENVVM	94	>FGFR2-I642' VLVTEENVVM	12	82
>FGFR2-I642' VLVTEENVVM	340	>FGFR2-I642' VLVTEENVVM	18	322
>FGFR2-I642' VLVTEENVVM	549	>FGFR2-I642' VLVTEENVVM	23	526
>FGFR2-I642' VLVTEENVVM	29	>FGFR2-I642' VLVTEENVVM	3	26
>FGFR2-I642' MKIADFLG	339	>FGFR2-I642' MKVADFLG	531	192
>FGFR2-I642' MKIADFLGAF	454	>FGFR2-I642' MKVADFLGA	974	520
>FGFR2-I642' MKIADFLG	103	>FGFR2-I642' MKVADFLG	146	43
>FGFR2-I642' MKIADFLGAF	79	>FGFR2-I642' MKVADFLGA	106	27
>FGFR2-I642' MKIADFLG	168	>FGFR2-I642' MKVADFLG	252	84
>FGFR2-I642' MKIADFLGAF	388	>FGFR2-I642' MKVADFLGA	332	56
>FGFR2-I642' VMKIADFLG	170	>FGFR2-I642' VMKVADFLG	165	5
>FGFR2-I642' VMKIADFLG	473	>FGFR2-I642' VMKVADFLG	661	188
>FGFR2-I642' VMKIADFLG	331	>FGFR2-I642' VMKVADFLG	394	63
>FGFR2-I642' VMKIADFLG	423	>FGFR2-I642' VMKVADFLG	337	86
>FGFR2-I642' VMKIADFLG	263	>FGFR2-I642' VMKVADFLG	666	403
>FGFR2-I642' VMKIADFLG	128	>FGFR2-I642' VMKVADFLG	75	53
>FGFR2-I642' VMKIADFLG	207	>FGFR2-I642' VMKVADFLG	329	122
>FGFR2-I642' VMKIADFLG	15	>FGFR2-I642' VMKVADFLG	22	7
>FGFR2-I642' VMKIADFLG	20	>FGFR2-I642' VMKVADFLG	17	3
>FGFR2-I642' VMKIADFLG	365	>FGFR2-I642' VMKVADFLG	257	108
>FGFR2-I642' VMKIADFLG	266	>FGFR2-I642' VMKVADFLG	489	223
>FGFR2-I642' NVMKIADFLG	435	>FGFR2-I642' NVMKVADFLC	553	118
>FGFR2-I642' NVMKIADFLG	127	>FGFR2-I642' NVMKVADFLC	135	8
>FGFR2-I642' NVMKIADFLG	464	>FGFR2-I642' NVMKVADFLC	1026	562
>FGFR2-I642' NVMKIADFLG	468	>FGFR2-I642' NVMKVADFLC	539	71
>FGFR2-I642' NVMKIADFLG	232	>FGFR2-I642' NVMKVADFLC	330	98
>FGFR2-I642' NVMKIADFLG	221	>FGFR2-I642' NVMKVADFLC	212	9
>FGFR2-I642' NVMKIADFLG	226	>FGFR2-I642' NVMKVADFLC	283	57
>FGFR2-I642' NVMKIADFL	283	>FGFR2-I642' NVMKVADFL	296	13
>FGFR2-I642' NVMKIADFLG	378	>FGFR2-I642' NVMKVADFLC	599	221
>FGFR2-I642' NVMKIADFLG	16	>FGFR2-I642' NVMKVADFLC	19	3
>FGFR2-I642' NVMKIADFLG	40	>FGFR2-I642' NVMKVADFLC	54	14
>FGFR2-I642' NVMKIADFLG	345	>FGFR2-I642' NVMKVADFLC	403	58
>FGFR2-I642' TENNVMMKI	133	>FGFR2-I642' TENNVMMKV	302	169

>FGFR2-I642'TENNVMKIAI	506	>FGFR2-I642'TENNVMKVA	409	97
>FGFR2-I642'TENNVMKIAI	283	>FGFR2-I642'TENNVMKVA	266	17
>FGFR2-I642'TENNVMKI	405	>FGFR2-I642'TENNVMKV	991	586
>FGFR2-I642'TENNVMKI	373	>FGFR2-I642'TENNVMKV	534	161
>FGFR2-I642'TENNVMKIA	266	>FGFR2-I642'TENNVMKVA	194	72
>FGFR2-I642'TENNVMKIAI	155	>FGFR2-I642'TENNVMKVA	164	9
>FGFR2-I642'TENNVMKIAI	130	>FGFR2-I642'TENNVMKVA	156	26
>FGFR2-I642'TENNVMKI	1510	>FGFR2-I642'TENNVMKV	372	1138
>FGFR2-I642'TENNVMKIA	90	>FGFR2-I642'TENNVMKVA	37	53
>FGFR2-I642'TENNVMKI	315	>FGFR2-I642'TENNVMKV	3308	2993
>FGFR2-I642'VTENNVMKI	3274	>FGFR2-I642'VTENNVMKV	233	3041
>FGFR2-I642'VTENNVMKI	9273	>FGFR2-I642'VTENNVMKV	111	9162
>FGFR2-I642'VTENNVMKI	252	>FGFR2-I642'VTENNVMKV	1152	900
>FGFR2-I642'LVTENNVMK	1062	>FGFR2-I642'LVTENNVMK	483	579
>FGFR2-I642'LVTENNVMK	691	>FGFR2-I642'LVTENNVMK	160	531
>FGFR2-I642'LVTENNVMK	1727	>FGFR2-I642'LVTENNVMK	360	1367
>FGFR2-I642'LVTENNVMK	491	>FGFR2-I642'LVTENNVMK	31	460
>FGFR2-I642'LVTENNVMK	1319	>FGFR2-I642'LVTENNVMK	93	1226
>FGFR2-I642'LVTENNVMK	2740	>FGFR2-I642'LVTENNVMK	90	2650
>FGFR2-I642'LVTENNVMK	3827	>FGFR2-I642'LVTENNVMK	151	3676
>FGFR2-I642'LVTENNVMK	151	>FGFR2-I642'LVTENNVMK	4	147
>FGFR2-I642'LVTENNVMK	500	>FGFR2-I642'LVTENNVMK	150	350
>FGFR2-I642'LVTENNVMK	829	>FGFR2-I642'LVTENNVMK	125	704
>FGFR2-I642'LVTENNVMK	313	>FGFR2-I642'LVTENNVMK	11011	10698
>FGFR2-K31C'KVLKAAGV	300	>FGFR2-K31C'RVLKAAGV	773	473
>FGFR2-K31C'KVLKAAGV	203	>FGFR2-K31C'RVLKAAGV	236	33
>FGFR2-K31C'KVLKAAGV	17	>FGFR2-K31C'RVLKAAGV	19	2
>FGFR2-K31C'KVLKAAGV	39	>FGFR2-K31C'RVLKAAGV	41	2
>FGFR2-K31C'KVLKAAGV	80	>FGFR2-K31C'RVLKAAGV	163	83
>FGFR2-K31C'KVLKAAGV	35	>FGFR2-K31C'RVLKAAGV	63	28
>FGFR2-K31C'KVLKAAGV	81	>FGFR2-K31C'RVLKAAGV	112	31
>FGFR2-K31C'KVLKAAGV	67	>FGFR2-K31C'RVLKAAGV	74	7
>FGFR2-K31C'KVLKAAGV	180	>FGFR2-K31C'RVLKAAGV	159	21
>FGFR2-K31C'KVLKAAGV	83	>FGFR2-K31C'RVLKAAGV	58	25
>FGFR2-K31C'KYGPDGLPYL	112	>FGFR2-K31C'KYGPDGLPYL	5737	5625
>FGFR2-K31C'KYGPDGLPYL	293	>FGFR2-K31C'KYGPDGLPYL	32	261
>FGFR2-K31C'KYGPDGLPYL	25	>FGFR2-K31C'KYGPDGLPYL	9	16
>FGFR2-K31C'YLVKVLKAAGV	218	>FGFR2-K31C'YLRVLKAAGV	231	13
>FGFR2-K31C'YLVKVLKAA	407	>FGFR2-K31C'YLRVLKAA	852	445
>FGFR2-K31C'YLVKVLKAAGV	88	>FGFR2-K31C'YLRVLKAAGV	144	56
>FGFR2-K31C'YLVKVLKAA	20	>FGFR2-K31C'YLRVLKAA	38	18
>FGFR2-K31C'YLVKVLKAAGV	16	>FGFR2-K31C'YLRVLKAAGV	23	7
>FGFR2-K31C'YLVKVLKAAGV	440	>FGFR2-K31C'YLRVLKAAGV	527	87

>FGFR2-K31C YLKV LKAA	537	>FGFR2-K31C YLRV LKAA	259	278
>FGFR2-K31C YLKV LKAAGV	11	>FGFR2-K31C YLRV LKAAGV	6	5
>FGFR2-K31C YLKV LKAAGV	10	>FGFR2-K31C YLRV LKAAGV	12	2
>FGFR2-K31C YLKV LKAAGV	41	>FGFR2-K31C YLRV LKAAGV	20	21
>FGFR2-K31C YLKV LKAAGV	30	>FGFR2-K31C YLRV LKAAGV	26	4
>FGFR2-K31C YLKV LKAA	34	>FGFR2-K31C YLRV LKAA	24	10
>FGFR2-K31C YLKV LKAAGV	2	>FGFR2-K31C YLRV LKAAGV	2	0
>FGFR2-K31C YLKV LKAA	153	>FGFR2-K31C YLRV LKAA	193	40
>FGFR2-K31C YLKV LKAAG	351	>FGFR2-K31C YLRV LKAAG	459	108
>FGFR2-K31C LPY LKV LKA	1022	>FGFR2-K31C LPY LRV LKA	459	563
>FGFR2-K31C LPY LKV LK	175	>FGFR2-K31C LPY LRV LK	161	14
>FGFR2-K31C LPY LKV LKA	19	>FGFR2-K31C LPY LRV LKA	19	0
>FGFR2-K31C LPY LKV LKAA	12	>FGFR2-K31C LPY LRV LKAA	13	1
>FGFR2-K31C LPY LKV LKAA	60	>FGFR2-K31C LPY LRV LKAA	58	2
>FGFR2-K31C GLP Y LKV L	449	>FGFR2-K31C GLP Y LRV L	363	86
>FGFR2-K31C GLP Y LKV LKA	351	>FGFR2-K31C GLP Y LRV LKA	294	57
>FGFR2-K31C GLP Y LKV L	154	>FGFR2-K31C GLP Y LRV L	197	43
>FGFR2-K31C GLP Y LKV LKA	471	>FGFR2-K31C GLP Y LRV LKA	390	81
>FGFR2-K31C GLP Y LKV LK	403	>FGFR2-K31C GLP Y LRV LK	211	192
>FGFR2-K31C GLP Y LKV LK	538	>FGFR2-K31C GLP Y LRV LK	270	268
>FGFR2-K31C GPD GLP Y LKV	1310	>FGFR2-K31C GPD GLP Y LRV	393	917
>FGFR2-K31C GPD GLP Y LKV	505	>FGFR2-K31C GPD GLP Y LRV	499	6
>FGFR2-K31C YGP DGLP Y LK	342	>FGFR2-K31C YGP DGLP Y LR	267	75
>FGFR2-K31C YGP DGLP Y LK	221	>FGFR2-K31C YGP DGLP Y LR	142	79
>FGFR2-K31C YGP DGLP Y LK	323	>FGFR2-K31C YGP DGLP Y LR	436	113
>FGFR2-K31C YGP DGLP Y LK	74	>FGFR2-K31C YGP DGLP Y LR	46	28
>FGFR2-K31C YGP DGLP Y LK	118	>FGFR2-K31C YGP DGLP Y LR	142	24
>FGFR2-K31C YGP DGLP Y LK	2684	>FGFR2-K31C YGP DGLP Y LR	143	2541
>FGFR2-K65C ETT NGR LPV	136	>FGFR2-K65C ETT NGR LPV	4836	4700
>FGFR2-K65C ETT NGR LPV	349	>FGFR2-K65C ETT NGR LPV	3316	2967
>FGFR2-K65C ETT NGR LPVK	62	>FGFR2-K65C ETT NGR LPVK	1205	1143
>FGFR2-K65C ETT NGR LPVK	25	>FGFR2-K65C ETT NGR LPVK	108	83
>FGFR2-K65C ETT NGR LPV	22	>FGFR2-K65C ETT NGR LPV	10519	10497
>FGFR2-K65C ETT NGR LPVK	6	>FGFR2-K65C ETT NGR LPVK	3960	3954
>FGFR2-K65C ETT NGR LPV	209	>FGFR2-K65C ETT NGR LPV	5423	5214
>FGFR2-K65C ETT NGR LPVK	28	>FGFR2-K65C ETT NGR LPVK	1300	1272
>FGFR2-K65C ETT NGR LPVK	2921	>FGFR2-K65C ETT NGR LPVK	84	2837
>FGFR2-K65C ETT NGR LPV	578	>FGFR2-K65C ETT NGR LPV	9	569
>FGFR2-K65C ETT NGR LPV	1438	>FGFR2-K65C ETT NGR LPV	11	1427
>FGFR2-K65C ETT NGR LPV	141	>FGFR2-K65C ETT NGR LPV	6261	6120
>FGFR2-K65C ETT NGR LPVK	15	>FGFR2-K65C ETT NGR LPVK	63	48
>FGFR2-K65C ETT NGR LPVK	47	>FGFR2-K65C ETT NGR LPVK	576	529
>FGFR2-K65C ETT NGR LPVK	13	>FGFR2-K65C ETT NGR LPVK	223	210

>FGFR2-K65☹KTTNGRLPVK	332	>FGFR2-K65☹ETTNGRLPVK	4077	3745
>FGFR2-K65☹KKTTNGRL	24861	>FGFR2-K65☹KETTNGRL	109	24752
>FGFR2-K65☹KKTTNGRLPV	12161	>FGFR2-K65☹KETTNGRLPV	386	11775
>FGFR2-K65☹KKTTNGRL	450	>FGFR2-K65☹KETTNGRL	7508	7058
>FGFR2-K65☹KKTTNGRLPV	56	>FGFR2-K65☹KETTNGRLPV	2557	2501
>FGFR2-K65☹KKTTNGRL	17650	>FGFR2-K65☹KETTNGRL	46	17604
>FGFR2-K65☹YKKTTNGR	289	>FGFR2-K65☹YKETTNGR	5367	5078
>FGFR2-K65☹YKKTTNGRL	154	>FGFR2-K65☹YKETTNGRL	2906	2752
>FGFR2-K65☹YKKTTNGRLPV	28	>FGFR2-K65☹YKETTNGRLPV	435	407
>FGFR2-K65☹YKKTTNGRL	6299	>FGFR2-K65☹YKETTNGRL	355	5944
>FGFR2-K65☹YKKTTNGRLPV	4446	>FGFR2-K65☹YKETTNGRLPV	220	4226
>FGFR2-K65☹YYKTTNGRL	12	>FGFR2-K65☹YYKETTNGRL	29	17
>FGFR2-K65☹YYKTTNGRL	374	>FGFR2-K65☹YYKETTNGRL	632	258
>FGFR2-K65☹YYKTTNGRL	158	>FGFR2-K65☹YYKETTNGRL	314	156
>FGFR2-K65☹YYKTTNGRL	12	>FGFR2-K65☹YYKETTNGRL	15	3
>FGFR2-K65☹YYKTTNGR	104	>FGFR2-K65☹YYKETTNGR	168	64
>FGFR2-K65☹YYKTTNGR	105	>FGFR2-K65☹YYKETTNGR	51	54
>FGFR2-K65☹YYKTTNGR	162	>FGFR2-K65☹YYKETTNGR	134	28
>FGFR2-K65☹YYKTTNGR	35	>FGFR2-K65☹YYKETTNGR	46	11
>FGFR2-K65☹DYYKTTNGF	262	>FGFR2-K65☹DYYKETTNGF	586	324
>FGFR2-K65☹DYYKTTNGF	702	>FGFR2-K65☹DYYKETTNGF	452	250
>FGFR2-K65☹DYYKTTNGF	224	>FGFR2-K65☹DYYKETTNGF	828	604
>FGFR2-K65☹DYYKTTNGF	149	>FGFR2-K65☹DYYKETTNGF	283	134
>FGFR2-K65☹DYYKTTNGF	25	>FGFR2-K65☹DYYKETTNGF	24	1
>FGFR2-K65☹NNIDYYK	331	>FGFR2-K65☹NNIDYYKE	18801	18470
>FGFR2-K65☹DINNIDYYK	189	>FGFR2-K65☹DINNIDYYKE	30541	30352
>FGFR2-K65☹DINNIDYYK	101	>FGFR2-K65☹DINNIDYYKE	22732	22631
>FGFR2-K65☹KTTNGRLPV	1349	>FGFR2-K65☹MTTNGRLPV	365	984
>FGFR2-K65☹KTTNGRLPV	136	>FGFR2-K65☹MTTNGRLPV	82	54
>FGFR2-K65☹KTTNGRLPV	349	>FGFR2-K65☹MTTNGRLPV	32	317
>FGFR2-K65☹KTTNGRLPVK	62	>FGFR2-K65☹MTTNGRLPV	91	29
>FGFR2-K65☹KTTNGRLPVK	25	>FGFR2-K65☹MTTNGRLPV	20	5
>FGFR2-K65☹KTTNGRLPV	22	>FGFR2-K65☹MTTNGRLPV	90	68
>FGFR2-K65☹KTTNGRLPVK	6	>FGFR2-K65☹MTTNGRLPV	11	5
>FGFR2-K65☹KTTNGRLPV	209	>FGFR2-K65☹MTTNGRLPV	1799	1590
>FGFR2-K65☹KTTNGRLPVK	28	>FGFR2-K65☹MTTNGRLPV	238	210
>FGFR2-K65☹KTTNGRLPVK	2921	>FGFR2-K65☹MTTNGRLPV	50	2871
>FGFR2-K65☹KTTNGRLPV	578	>FGFR2-K65☹MTTNGRLPV	7	571
>FGFR2-K65☹KTTNGRLPV	1438	>FGFR2-K65☹MTTNGRLPV	35	1403
>FGFR2-K65☹KTTNGRLPV	141	>FGFR2-K65☹MTTNGRLPV	307	166
>FGFR2-K65☹KTTNGRLPVK	15	>FGFR2-K65☹MTTNGRLPV	9	6
>FGFR2-K65☹KTTNGRLPVK	6489	>FGFR2-K65☹MTTNGRLPV	363	6126
>FGFR2-K65☹KTTNGRLPVK	47	>FGFR2-K65☹MTTNGRLPV	65	18

>FGFR2-K65☹KTTNGRLPVK	13	>FGFR2-K65☹MTTNGRLPV	13	0
>FGFR2-K65☹KTTNGRLPVK	332	>FGFR2-K65☹MTTNGRLPV	290	42
>FGFR2-K65☹KTTNGRLPVK	2818	>FGFR2-K65☹MTTNGRLPV	84	2734
>FGFR2-K65☹KKTTNGRLPV	22432	>FGFR2-K65☹KMTTNGRLP'	172	22260
>FGFR2-K65☹KKTTNGRL	26620	>FGFR2-K65☹KMTTNGRL	380	26240
>FGFR2-K65☹KKTTNGRLPV	14895	>FGFR2-K65☹KMTTNGRLP'	61	14834
>FGFR2-K65☹KKTTNGRLPV	10118	>FGFR2-K65☹KMTTNGRLP'	25	10093
>FGFR2-K65☹KKTTNGRLPV	8516	>FGFR2-K65☹KMTTNGRLP'	235	8281
>FGFR2-K65☹KKTTNGRL	24700	>FGFR2-K65☹KMTTNGRL	110	24590
>FGFR2-K65☹KKTTNGRLPV	15272	>FGFR2-K65☹KMTTNGRLP'	11	15261
>FGFR2-K65☹KKTTNGRL	23633	>FGFR2-K65☹KMTTNGRL	230	23403
>FGFR2-K65☹KKTTNGRLPV	13135	>FGFR2-K65☹KMTTNGRLP'	14	13121
>FGFR2-K65☹KKTTNGRLPV	14117	>FGFR2-K65☹KMTTNGRLP'	18	14099
>FGFR2-K65☹KKTTNGRL	30935	>FGFR2-K65☹KMTTNGRL	53	30882
>FGFR2-K65☹KKTTNGRLPV	16595	>FGFR2-K65☹KMTTNGRLP'	5	16590
>FGFR2-K65☹KKTTNGRLPV	16198	>FGFR2-K65☹KMTTNGRLP'	57	16141
>FGFR2-K65☹KKTTNGRLPV	18251	>FGFR2-K65☹KMTTNGRLP'	167	18084
>FGFR2-K65☹KKTTNGRLPV	5884	>FGFR2-K65☹KMTTNGRLP'	389	5495
>FGFR2-K65☹KKTTNGRLPV	1312	>FGFR2-K65☹KMTTNGRLP'	35	1277
>FGFR2-K65☹KKTTNGRLPV	14206	>FGFR2-K65☹KMTTNGRLP'	353	13853
>FGFR2-K65☹KKTTNGRL	450	>FGFR2-K65☹KMTTNGRL	1079	629
>FGFR2-K65☹KKTTNGRLPV	56	>FGFR2-K65☹KMTTNGRLP'	157	101
>FGFR2-K65☹YKKTTNGRLP	6623	>FGFR2-K65☹YKMTTNGRLI	290	6333
>FGFR2-K65☹YKKTTNGR	1684	>FGFR2-K65☹YKMTTNGR	413	1271
>FGFR2-K65☹YKKTTNGR	289	>FGFR2-K65☹YKMTTNGR	101	188
>FGFR2-K65☹YKKTTNGRL	154	>FGFR2-K65☹YKMTTNGRL	61	93
>FGFR2-K65☹YKKTTNGRLP	28	>FGFR2-K65☹YKMTTNGRLI	13	15
>FGFR2-K65☹YKKTTNGRL	6299	>FGFR2-K65☹YKMTTNGRL	39	6260
>FGFR2-K65☹YKKTTNGRLP	4446	>FGFR2-K65☹YKMTTNGRLI	38	4408
>FGFR2-K65☹YKKTTNGR	1028	>FGFR2-K65☹YKMTTNGR	498	530
>FGFR2-K65☹YYKTTNGRL	12	>FGFR2-K65☹YYKMTTNGR	14	2
>FGFR2-K65☹YYKTTNGRL	374	>FGFR2-K65☹YYKMTTNGR	507	133
>FGFR2-K65☹YYKTTNGRL	158	>FGFR2-K65☹YYKMTTNGR	305	147
>FGFR2-K65☹YYKTTNGRL	12	>FGFR2-K65☹YYKMTTNGR	19	7
>FGFR2-K65☹YYKTTNGR	104	>FGFR2-K65☹YYKMTTNGR	71	33
>FGFR2-K65☹YYKTTNGR	105	>FGFR2-K65☹YYKMTTNGR	43	62
>FGFR2-K65☹YYKTTNGR	162	>FGFR2-K65☹YYKMTTNGR	113	49
>FGFR2-K65☹YYKTTNGR	35	>FGFR2-K65☹YYKMTTNGR	44	9
>FGFR2-K65☹DYYKTTNGF	262	>FGFR2-K65☹DYYKMTTNG	20	242
>FGFR2-K65☹DYYKTTNGF	224	>FGFR2-K65☹DYYKMTTNG	106	118
>FGFR2-K65☹DYYKTTNGF	149	>FGFR2-K65☹DYYKMTTNG	63	86
>FGFR2-K65☹DYYKTTNGF	25	>FGFR2-K65☹DYYKMTTNG	25	0
>FGFR2-K65☹NNIDYYKK	331	>FGFR2-K65☹NNIDYYKM	23844	23513

>FGFR2-K65E DINNIDYYKK	189	>FGFR2-K65E DINNIDYYKM	31794	31605
>FGFR2-K65E DINNIDYYKK	101	>FGFR2-K65E DINNIDYYKM	26542	26441
>FGFR2-K65E KTTNGRLPV	136	>FGFR2-K65E NTTNGRLPV	807	671
>FGFR2-K65E KTTNGRLPV	349	>FGFR2-K65E NTTNGRLPV	2408	2059
>FGFR2-K65E KTTNGRLPVK	62	>FGFR2-K65E NTTNGRLPVK	452	390
>FGFR2-K65E KTTNGRLPVK	25	>FGFR2-K65E NTTNGRLPVK	49	24
>FGFR2-K65E KTTNGRLPV	22	>FGFR2-K65E NTTNGRLPV	5619	5597
>FGFR2-K65E KTTNGRLPVK	6	>FGFR2-K65E NTTNGRLPVK	1033	1027
>FGFR2-K65E KTTNGRLPV	209	>FGFR2-K65E NTTNGRLPV	7558	7349
>FGFR2-K65E KTTNGRLPVK	28	>FGFR2-K65E NTTNGRLPVK	2352	2324
>FGFR2-K65E KTTNGRLPVK	2921	>FGFR2-K65E NTTNGRLPVK	78	2843
>FGFR2-K65E KTTNGRLPV	578	>FGFR2-K65E NTTNGRLPV	16	562
>FGFR2-K65E KTTNGRLPV	1438	>FGFR2-K65E NTTNGRLPV	38	1400
>FGFR2-K65E KTTNGRLPV	141	>FGFR2-K65E NTTNGRLPV	9772	9631
>FGFR2-K65E KTTNGRLPVK	15	>FGFR2-K65E NTTNGRLPVK	146	131
>FGFR2-K65E KTTNGRLPVK	47	>FGFR2-K65E NTTNGRLPVK	429	382
>FGFR2-K65E KTTNGRLPVK	13	>FGFR2-K65E NTTNGRLPVK	213	200
>FGFR2-K65E KTTNGRLPVK	332	>FGFR2-K65E NTTNGRLPVK	3020	2688
>FGFR2-K65E KKTTNGRLPV	1312	>FGFR2-K65E KNTTNGRLPV	404	908
>FGFR2-K65E KKTTNGRL	450	>FGFR2-K65E KNTTNGRL	10630	10180
>FGFR2-K65E KKTTNGRLPV	56	>FGFR2-K65E KNTTNGRLPV	4598	4542
>FGFR2-K65E YKKTTNGR	289	>FGFR2-K65E YKNTTNGR	403	114
>FGFR2-K65E YKKTTNGRL	154	>FGFR2-K65E YKNTTNGRL	200	46
>FGFR2-K65E YKKTTNGRLP	28	>FGFR2-K65E YKNTTNGRLP	29	1
>FGFR2-K65E YKKTTNGRLP	4446	>FGFR2-K65E YKNTTNGRLP	338	4108
>FGFR2-K65E YKKTTNGRL	12	>FGFR2-K65E YKNTTNGRL	19	7
>FGFR2-K65E YKKTTNGRL	374	>FGFR2-K65E YKNTTNGRL	730	356
>FGFR2-K65E YKKTTNGRL	158	>FGFR2-K65E YKNTTNGRL	416	258
>FGFR2-K65E YKKTTNGRL	12	>FGFR2-K65E YKNTTNGRL	14	2
>FGFR2-K65E YKKTTNGR	104	>FGFR2-K65E YKNTTNGR	70	34
>FGFR2-K65E YKKTTNGR	105	>FGFR2-K65E YKNTTNGR	81	24
>FGFR2-K65E YKKTTNGR	162	>FGFR2-K65E YKNTTNGR	130	32
>FGFR2-K65E YKKTTNGR	35	>FGFR2-K65E YKNTTNGR	54	19
>FGFR2-K65E DYYKTTNGF	262	>FGFR2-K65E DYYKNTTNGF	67	195
>FGFR2-K65E DYYKTTNGF	702	>FGFR2-K65E DYYKNTTNGF	352	350
>FGFR2-K65E DYYKTTNGF	224	>FGFR2-K65E DYYKNTTNGF	252	28
>FGFR2-K65E DYYKTTNGF	149	>FGFR2-K65E DYYKNTTNGF	123	26
>FGFR2-K65E DYYKTTNGF	25	>FGFR2-K65E DYYKNTTNGF	25	0
>FGFR2-K65E NNIDYYKK	331	>FGFR2-K65E NNIDYYKN	21331	21000
>FGFR2-K65E DINNIDYYKK	189	>FGFR2-K65E DINNIDYYKN	31279	31090
>FGFR2-K65E DINNIDYYKK	101	>FGFR2-K65E DINNIDYYKN	25722	25621
>FGFR2-L770 YLDLSQPLEQ	35	>FGFR2-L770 YVDLSQPLEQ	29	6
>FGFR2-L770 YLDLSQPL	17	>FGFR2-L770 YVDLSQPL	254	237



>FGFR2-L770YLDLSQPL	11	>FGFR2-L770YVDLSQPL	265	254
>FGFR2-L770YLDLSQPL	124	>FGFR2-L770YVDLSQPL	2322	2198
>FGFR2-L770YLDLSQPL	44	>FGFR2-L770YVDLSQPL	41	3
>FGFR2-L770YLDLSQPL	5	>FGFR2-L770YVDLSQPL	236	231
>FGFR2-L770YLDLSQPLEQ	478	>FGFR2-L770YVDLSQPLEQ	10250	9772
>FGFR2-L770YLDLSQPL	5	>FGFR2-L770YVDLSQPL	197	192
>FGFR2-L770YLDLSQPL	7	>FGFR2-L770YVDLSQPL	243	236
>FGFR2-L770YLDLSQPLEQ	260	>FGFR2-L770YVDLSQPLEQ	9431	9171
>FGFR2-L770YLDLSQPL	9	>FGFR2-L770YVDLSQPL	422	413
>FGFR2-L770YLDLSQPL	3	>FGFR2-L770YVDLSQPL	137	134
>FGFR2-L770YLDLSQPLEQ	47	>FGFR2-L770YVDLSQPLEQ	7779	7732
>FGFR2-L770YLDLSQPLEQ	468	>FGFR2-L770YVDLSQPLEQ	18160	17692
>FGFR2-L770YLDLSQPLEQ	167	>FGFR2-L770YVDLSQPLEQ	130	37
>FGFR2-L770YLDLSQPL	677	>FGFR2-L770YVDLSQPL	126	551
>FGFR2-L770YLDLSQPLEQ	314	>FGFR2-L770YVDLSQPLEQ	2142	1828
>FGFR2-L770YLDLSQPLEQ	902	>FGFR2-L770YVDLSQPLEQ	161	741
>FGFR2-L770YLDLSQPL	235	>FGFR2-L770YVDLSQPL	401	166
>FGFR2-L770YLDLSQPLEQ	1351	>FGFR2-L770YVDLSQPLEQ	255	1096
>FGFR2-L770YLDLSQPLEQ	171	>FGFR2-L770YVDLSQPLEQ	303	132
>FGFR2-L770ILTTLTTNEEYL	525	>FGFR2-L770ILTTLTTNEEYV	110	415
>FGFR2-L770ILTTLTTNEEYL	19	>FGFR2-L770ILTTLTTNEEYV	13	6
>FGFR2-L770ILTTLTTNEEYL	764	>FGFR2-L770ILTTLTTNEEYV	78	686
>FGFR2-L770ILTTLTTNEEYL	970	>FGFR2-L770ILTTLTTNEEYV	175	795
>FGFR2-L770ILTTLTTNEEYL	44	>FGFR2-L770ILTTLTTNEEYV	6	38
>FGFR2-L770ILTTLTTNEEYL	59	>FGFR2-L770ILTTLTTNEEYV	8	51
>FGFR2-L770ILTTLTTNEEYL	71	>FGFR2-L770ILTTLTTNEEYV	10	61
>FGFR2-L770ILTTLTTNEEYL	28	>FGFR2-L770ILTTLTTNEEYV	4	24
>FGFR2-L770ILTTLTTNEEYL	10	>FGFR2-L770ILTTLTTNEEYV	3	7
>FGFR2-L770EYLDLSQPL	108	>FGFR2-L770EYVDLSQPL	776	668
>FGFR2-L770EYLDLSQPL	308	>FGFR2-L770EYVDLSQPL	1817	1509
>FGFR2-L770EEYLDLSQ	285	>FGFR2-L770EEYVDLSQ	1230	945
>FGFR2-L770EEYLDLSQPL	31	>FGFR2-L770EEYVDLSQPL	62	31
>FGFR2-L770EEYLDLSQPL	343	>FGFR2-L770EEYVDLSQPL	279	64
>FGFR2-L770EEYLDLSQPL	71	>FGFR2-L770EEYVDLSQPL	86	15
>FGFR2-L770EEYLDLSQPL	460	>FGFR2-L770EEYVDLSQPL	463	3
>FGFR2-L770EEYLDLSQPL	280	>FGFR2-L770EEYVDLSQPL	229	51
>FGFR2-L770NEEYLDLSQP	171	>FGFR2-L770NEEYVDLSQP	151	20
>FGFR2-L770NEEYLDLSQP	59	>FGFR2-L770NEEYVDLSQP	77	18
>FGFR2-L770NEEYLDLSQP	545	>FGFR2-L770NEEYVDLSQP	498	47
>FGFR2-L770NEEYLDLSQP	62	>FGFR2-L770NEEYVDLSQP	44	18
>FGFR2-L770NEEYLDLSQP	328	>FGFR2-L770NEEYVDLSQP	791	463
>FGFR2-L770TTNEEYLDL	3583	>FGFR2-L770TTNEEYVDL	485	3098
>FGFR2-L770LTTNEEYL	527	>FGFR2-L770LTTNEEYV	437	90

>FGFR2-L770 LTTNEEYL	3100	>FGFR2-L770 LTTNEEYV	448	2652
>FGFR2-L770 LTTNEEYL	1686	>FGFR2-L770 LTTNEEYV	92	1594
>FGFR2-L770 LTTNEEYL	5090	>FGFR2-L770 LTTNEEYV	246	4844
>FGFR2-L770 LTTNEEYL	2808	>FGFR2-L770 LTTNEEYV	67	2741
>FGFR2-L770 LTTNEEYL	880	>FGFR2-L770 LTTNEEYV	82	798
>FGFR2-L770 LTTNEEYL	373	>FGFR2-L770 LTTNEEYV	6497	6124
>FGFR2-L770 LTTNEEYLDL	426	>FGFR2-L770 LTTNEEYVDL	756	330
>FGFR2-L770 LTTNEEYLDL	332	>FGFR2-L770 LTTNEEYVDL	447	115
>FGFR2-L770 LTTNEEYLDL	122	>FGFR2-L770 LTTNEEYVDL	106	16
>FGFR2-L770 TLTTNEEYL	1171	>FGFR2-L770 TLTTNEEYV	219	952
>FGFR2-L770 TLTTNEEYL	23	>FGFR2-L770 TLTTNEEYV	19	4
>FGFR2-L770 TLTTNEEYLDI	385	>FGFR2-L770 TLTTNEEYVD	195	190
>FGFR2-L770 TLTTNEEYL	3621	>FGFR2-L770 TLTTNEEYV	347	3274
>FGFR2-L770 TLTTNEEYL	83	>FGFR2-L770 TLTTNEEYV	8	75
>FGFR2-L770 TLTTNEEYL	74	>FGFR2-L770 TLTTNEEYV	10	64
>FGFR2-L770 TLTTNEEYL	157	>FGFR2-L770 TLTTNEEYV	15	142
>FGFR2-L770 TLTTNEEYL	160	>FGFR2-L770 TLTTNEEYV	9	151
>FGFR2-L770 TLTTNEEYL	13	>FGFR2-L770 TLTTNEEYV	4	9
>FGFR2-L770 TLTTNEEYLDI	24	>FGFR2-L770 TLTTNEEYVD	18	6
>FGFR2-L770 TLTTNEEYL	1222	>FGFR2-L770 TLTTNEEYV	85	1137
>FGFR2-L770 LTLTTNEEYL	763	>FGFR2-L770 LTLTTNEEYV	142	621
>FGFR2-L770 LTLTTNEEYL	69	>FGFR2-L770 LTLTTNEEYV	69	0
>FGFR2-L770 LTLTTNEEYL	1046	>FGFR2-L770 LTLTTNEEYV	202	844
>FGFR2-L770 LTLTTNEEYL	198	>FGFR2-L770 LTLTTNEEYV	60	138
>FGFR2-L770 LTLTTNEEYL	189	>FGFR2-L770 LTLTTNEEYV	13	176
>FGFR2-L770 LTLTTNEEYL	2007	>FGFR2-L770 LTLTTNEEYV	135	1872
>FGFR2-L770 LTLTTNEEYL	2756	>FGFR2-L770 LTLTTNEEYV	92	2664
>FGFR2-L770 LTLTTNEEYL	1870	>FGFR2-L770 LTLTTNEEYV	119	1751
>FGFR2-L770 LTLTTNEEYL	3986	>FGFR2-L770 LTLTTNEEYV	118	3868
>FGFR2-L770 LTLTTNEEYL	812	>FGFR2-L770 LTLTTNEEYV	118	694
>FGFR2-L770 LTLTTNEEYL	713	>FGFR2-L770 LTLTTNEEYV	64	649
>FGFR2-L770 LTLTTNEEYL	89	>FGFR2-L770 LTLTTNEEYV	1940	1851
>FGFR2-L770 LTLTTNEEYL	389	>FGFR2-L770 LTLTTNEEYV	5752	5363
>FGFR2-L770 LTLTTNEEYL	270	>FGFR2-L770 LTLTTNEEYV	482	212
>FGFR2-M39 MVVTVILCR	825	>FGFR2-M39 RVVTVILCR	449	376
>FGFR2-M39 MVVTVILCRM	188	>FGFR2-M39 RVVTVILCRM	121	67
>FGFR2-M39 MVVTVILCR	62	>FGFR2-M39 RVVTVILCR	67	5
>FGFR2-M39 MVVTVILCRM	63	>FGFR2-M39 RVVTVILCRM	63	0
>FGFR2-M39 MVVTVILCRM	30	>FGFR2-M39 RVVTVILCRM	67	37
>FGFR2-M39 MVVTVILCRM	339	>FGFR2-M39 RVVTVILCRM	65	274
>FGFR2-M39 MVVTVILCR	67	>FGFR2-M39 RVVTVILCR	41	26
>FGFR2-M39 MVVTVILCR	122	>FGFR2-M39 RVVTVILCR	2619	2497
>FGFR2-M39 MVVTVILCR	4	>FGFR2-M39 RVVTVILCR	55	51

>FGFR2-M39 MVVTVILCRM	9	>FGFR2-M39 RVVTVILCRM	375	366
>FGFR2-M39 MVVTVILC	426	>FGFR2-M39 RVVTVILC	10480	10054
>FGFR2-M39 MVVTVILCRM	372	>FGFR2-M39 RVVTVILCRM	1500	1128
>FGFR2-M39 MVVTVILCRM	621	>FGFR2-M39 RVVTVILCRM	124	497
>FGFR2-M39 MVVTVILCRM	409	>FGFR2-M39 RVVTVILCRM	173	236
>FGFR2-M39 MVVTVILCRM	1050	>FGFR2-M39 RVVTVILCRM	291	759
>FGFR2-M39 MVVTVILCR	287	>FGFR2-M39 RVVTVILCR	121	166
>FGFR2-M39 CMVVTVILCR	249	>FGFR2-M39 CRVVTVILCRI	3168	2919
>FGFR2-M39 CMVVTVIL	414	>FGFR2-M39 CRVVTVIL	29101	28687
>FGFR2-M39 CMVVTVIL	175	>FGFR2-M39 CRVVTVIL	23356	23181
>FGFR2-M39 CMVVTVIL	186	>FGFR2-M39 CRVVTVIL	31084	30898
>FGFR2-M39 CMVVTVILCR	149	>FGFR2-M39 CRVVTVILCR	1492	1343
>FGFR2-M39 CMVVTVILCR	206	>FGFR2-M39 CRVVTVILCR	2001	1795
>FGFR2-M39 CMVVTVILCR	399	>FGFR2-M39 CRVVTVILCR	6305	5906
>FGFR2-M39 CMVVTVIL	162	>FGFR2-M39 CRVVTVIL	414	252
>FGFR2-M39 CMVVTVILCR	19043	>FGFR2-M39 CRVVTVILCR	68	18975
>FGFR2-M39 CMVVTVILCR	14156	>FGFR2-M39 CRVVTVILCRI	289	13867
>FGFR2-M39 CMVVTVIL	342	>FGFR2-M39 CRVVTVIL	103	239
>FGFR2-M39 CMVVTVIL	13631	>FGFR2-M39 CRVVTVIL	297	13334
>FGFR2-M39 CMVVTVILCR	26206	>FGFR2-M39 CRVVTVILCR	419	25787
>FGFR2-M39 CMVVTVILCR	232	>FGFR2-M39 CRVVTVILCR	9459	9227
>FGFR2-M39 CMVVTVILCR	146	>FGFR2-M39 CRVVTVILCR	1113	967
>FGFR2-M39 YCIGVFLIACM	35	>FGFR2-M39 YCIGVFLIACR	9619	9584
>FGFR2-M39 YCIGVFLIACM	23609	>FGFR2-M39 YCIGVFLIACR	170	23439
>FGFR2-M39 YCIGVFLIACM	27785	>FGFR2-M39 YCIGVFLIACR	132	27653
>FGFR2-M39 YCIGVFLIACM	241	>FGFR2-M39 YCIGVFLIACR	11008	10767
>FGFR2-M39 YCIGVFLIACM	28411	>FGFR2-M39 YCIGVFLIACR	248	28163
>FGFR2-M39 ACMVVTVI	8313	>FGFR2-M39 ACRVVTVI	315	7998
>FGFR2-M39 ACMVVTVIL	7902	>FGFR2-M39 ACRVVTVIL	221	7681
>FGFR2-M39 ACMVVTVILC	481	>FGFR2-M39 ACRVVTVILCI	569	88
>FGFR2-M39 ACMVVTVI	238	>FGFR2-M39 ACRVVTVI	4785	4547
>FGFR2-M39 ACMVVTVIL	164	>FGFR2-M39 ACRVVTVIL	4556	4392
>FGFR2-M39 IACMVVTV	344	>FGFR2-M39 IACRVVTV	306	38
>FGFR2-M39 IACMVVTV	78	>FGFR2-M39 IACRVVTV	83	5
>FGFR2-M39 IACMVVTV	216	>FGFR2-M39 IACRVVTV	238	22
>FGFR2-M39 IACMVVTVI	459	>FGFR2-M39 IACRVVTVI	123	336
>FGFR2-M39 IACMVVTVI	227	>FGFR2-M39 IACRVVTVI	110	117
>FGFR2-M39 LIACMVVTV	24	>FGFR2-M39 LIACRVVTV	39	15
>FGFR2-M39 LIACMVVTVII	351	>FGFR2-M39 LIACRVVTVII	570	219
>FGFR2-M39 LIACMVVTV	35	>FGFR2-M39 LIACRVVTV	31	4
>FGFR2-M39 LIACMVVTVII	57	>FGFR2-M39 LIACRVVTVII	54	3
>FGFR2-M39 LIACMVVTV	9	>FGFR2-M39 LIACRVVTV	7	2
>FGFR2-M39 LIACMVVTVI	403	>FGFR2-M39 LIACRVVTVI	529	126

>FGFR2-M39 LIACMVVTVII	133	>FGFR2-M39 LIACRVVTVII	113	20
>FGFR2-M39 LIACMVVTV	32	>FGFR2-M39 LIACRVVTV	21	11
>FGFR2-M39 LIACMVVTVII	500	>FGFR2-M39 LIACRVVTVII	407	93
>FGFR2-M39 LIACMVVTV	8	>FGFR2-M39 LIACRVVTV	8	0
>FGFR2-M39 LIACMVVTVI	209	>FGFR2-M39 LIACRVVTVI	230	21
>FGFR2-M39 LIACMVVTV	21	>FGFR2-M39 LIACRVVTV	23	2
>FGFR2-M39 LIACMVVTV	25	>FGFR2-M39 LIACRVVTV	36	11
>FGFR2-M39 LIACMVVTV	13	>FGFR2-M39 LIACRVVTV	41	28
>FGFR2-M39 LIACMVVTV	4	>FGFR2-M39 LIACRVVTV	4	0
>FGFR2-M39 LIACMVVTVII	212	>FGFR2-M39 LIACRVVTVII	336	124
>FGFR2-M39 LIACMVVTV	34	>FGFR2-M39 LIACRVVTV	74	40
>FGFR2-M39 LIACMVVTVII	295	>FGFR2-M39 LIACRVVTVII	569	274
>FGFR2-M39 LIACMVVTV	195	>FGFR2-M39 LIACRVVTV	546	351
>FGFR2-M39 LIACMVVTV	3273	>FGFR2-M39 LIACRVVTV	147	3126
>FGFR2-M39 LIACMVVTVII	2248	>FGFR2-M39 LIACRVVTVII	288	1960
>FGFR2-M39 LIACMVVTVI	280	>FGFR2-M39 LIACRVVTVI	204	76
>FGFR2-M39 FLIACMVVTV	584	>FGFR2-M39 FLIACRVVTVI	423	161
>FGFR2-M39 FLIACMVV	7	>FGFR2-M39 FLIACRVV	15	8
>FGFR2-M39 FLIACMVVT	18	>FGFR2-M39 FLIACRVVT	102	84
>FGFR2-M39 FLIACMVVTV	10	>FGFR2-M39 FLIACRVVTV	12	2
>FGFR2-M39 FLIACMVVTV	10	>FGFR2-M39 FLIACRVVTVI	14	4
>FGFR2-M39 FLIACMVV	3	>FGFR2-M39 FLIACRVV	7	4
>FGFR2-M39 FLIACMVVT	11	>FGFR2-M39 FLIACRVVT	53	42
>FGFR2-M39 FLIACMVVTV	7	>FGFR2-M39 FLIACRVVTV	10	3
>FGFR2-M39 FLIACMVVTV	4	>FGFR2-M39 FLIACRVVTVI	6	2
>FGFR2-M39 FLIACMVV	2	>FGFR2-M39 FLIACRVV	3	1
>FGFR2-M39 FLIACMVVT	14	>FGFR2-M39 FLIACRVVT	151	137
>FGFR2-M39 FLIACMVVTV	8	>FGFR2-M39 FLIACRVVTV	9	1
>FGFR2-M39 FLIACMVVTV	3	>FGFR2-M39 FLIACRVVTVI	5	2
>FGFR2-M39 FLIACMVV	4	>FGFR2-M39 FLIACRVV	10	6
>FGFR2-M39 FLIACMVVT	22	>FGFR2-M39 FLIACRVVT	193	171
>FGFR2-M39 FLIACMVVTV	25	>FGFR2-M39 FLIACRVVTV	30	5
>FGFR2-M39 FLIACMVVTV	9	>FGFR2-M39 FLIACRVVTVI	16	7
>FGFR2-M39 FLIACMVV	3	>FGFR2-M39 FLIACRVV	5	2
>FGFR2-M39 FLIACMVVT	178	>FGFR2-M39 FLIACRVVT	1642	1464
>FGFR2-M39 FLIACMVVTV	2	>FGFR2-M39 FLIACRVVTV	3	1
>FGFR2-M39 FLIACMVVTV	5	>FGFR2-M39 FLIACRVVTVI	14	9
>FGFR2-M39 FLIACMVV	3	>FGFR2-M39 FLIACRVV	6	3
>FGFR2-M39 FLIACMVVT	149	>FGFR2-M39 FLIACRVVT	1913	1764
>FGFR2-M39 FLIACMVVTV	2	>FGFR2-M39 FLIACRVVTV	3	1
>FGFR2-M39 FLIACMVVTV	7	>FGFR2-M39 FLIACRVVTVI	13	6
>FGFR2-M39 FLIACMVV	6	>FGFR2-M39 FLIACRVV	14	8
>FGFR2-M39 FLIACMVVTV	5	>FGFR2-M39 FLIACRVVTV	6	1

>FGFR2-M39 FLIACMVVTV	21	>FGFR2-M39 FLIACRVVTVI	48	27
>FGFR2-M39 FLIACMVV	6	>FGFR2-M39 FLIACRVV	25	19
>FGFR2-M39 FLIACMVVTV	5	>FGFR2-M39 FLIACRVVTV	9	4
>FGFR2-M39 FLIACMVVTV	98	>FGFR2-M39 FLIACRVVTVI	219	121
>FGFR2-M39 FLIACMVV	2	>FGFR2-M39 FLIACRVV	2	0
>FGFR2-M39 FLIACMVVT	20	>FGFR2-M39 FLIACRVVT	26	6
>FGFR2-M39 FLIACMVVTV	1	>FGFR2-M39 FLIACRVVTV	1	0
>FGFR2-M39 FLIACMVVTV	4	>FGFR2-M39 FLIACRVVTVI	5	1
>FGFR2-M39 FLIACMVV	56	>FGFR2-M39 FLIACRVV	298	242
>FGFR2-M39 FLIACMVVTV	321	>FGFR2-M39 FLIACRVVTV	241	80
>FGFR2-M39 FLIACMVVTV	181	>FGFR2-M39 FLIACRVVTVI	231	50
>FGFR2-M39 FLIACMVV	315	>FGFR2-M39 FLIACRVV	2344	2029
>FGFR2-M39 FLIACMVVTV	126	>FGFR2-M39 FLIACRVVTV	343	217
>FGFR2-M39 FLIACMVV	455	>FGFR2-M39 FLIACRVV	869	414
>FGFR2-M39 FLIACMVVTV	430	>FGFR2-M39 FLIACRVVTV	597	167
>FGFR2-M39 FLIACMVVTV	194	>FGFR2-M39 FLIACRVVTVI	258	64
>FGFR2-M39 FLIACMVV	332	>FGFR2-M39 FLIACRVV	701	369
>FGFR2-M39 FLIACMVVTV	246	>FGFR2-M39 FLIACRVVTV	197	49
>FGFR2-M39 FLIACMVVTV	203	>FGFR2-M39 FLIACRVVTVI	182	21
>FGFR2-M39 FLIACMVVTV	385	>FGFR2-M39 FLIACRVVTV	511	126
>FGFR2-M39 FLIACMVVTV	297	>FGFR2-M39 FLIACRVVTVI	355	58
>FGFR2-M39 VFLIACMV	537	>FGFR2-M39 VFLIACRV	309	228
>FGFR2-M39 VFLIACMV	437	>FGFR2-M39 VFLIACRV	688	251
>FGFR2-M39 VFLIACMVVT	408	>FGFR2-M39 VFLIACRVVT	550	142
>FGFR2-M39 VFLIACMV	258	>FGFR2-M39 VFLIACRV	793	535
>FGFR2-M39 VFLIACMVVT	277	>FGFR2-M39 VFLIACRVVT	661	384
>FGFR2-M39 VFLIACMV	506	>FGFR2-M39 VFLIACRV	440	66
>FGFR2-M39 VFLIACMVVT	344	>FGFR2-M39 VFLIACRVVT	938	594
>FGFR2-M39 VFLIACMVVT	458	>FGFR2-M39 VFLIACRVVT	1531	1073
>FGFR2-M39 GVFLIACMV	496	>FGFR2-M39 GVFLIACRV	768	272
>FGFR2-M39 GVFLIACMV	191	>FGFR2-M39 GVFLIACRVV	1836	1645
>FGFR2-M39 GVFLIACMV	181	>FGFR2-M39 GVFLIACRV	196	15
>FGFR2-M39 GVFLIACMV	273	>FGFR2-M39 GVFLIACRVV	1294	1021
>FGFR2-M39 GVFLIACMV	230	>FGFR2-M39 GVFLIACRV	281	51
>FGFR2-M39 GVFLIACMV	129	>FGFR2-M39 GVFLIACRVV	289	160
>FGFR2-M39 GVFLIACMV	79	>FGFR2-M39 GVFLIACRV	174	95
>FGFR2-M39 GVFLIACMV	187	>FGFR2-M39 GVFLIACRVV	950	763
>FGFR2-M39 GVFLIACMV	29	>FGFR2-M39 GVFLIACRV	44	15
>FGFR2-M39 GVFLIACMV	233	>FGFR2-M39 GVFLIACRVV	489	256
>FGFR2-M39 GVFLIACMV	426	>FGFR2-M39 GVFLIACRV	481	55
>FGFR2-M39 GVFLIACMV	19	>FGFR2-M39 GVFLIACRV	33	14
>FGFR2-M39 GVFLIACMV	75	>FGFR2-M39 GVFLIACRVV	442	367
>FGFR2-M39 GVFLIACMV	37	>FGFR2-M39 GVFLIACRV	26	11

>FGFR2-M39 GVFLIACMVV	55	>FGFR2-M39 GVFLIACRVV	306	251
>FGFR2-M39 GVFLIACM	13032	>FGFR2-M39 GVFLIACR	95	12937
>FGFR2-M39 GVFLIACM	10110	>FGFR2-M39 GVFLIACR	30	10080
>FGFR2-M39 GVFLIACM	25458	>FGFR2-M39 GVFLIACR	240	25218
>FGFR2-M39 GVFLIACM	13033	>FGFR2-M39 GVFLIACR	15	13018
>FGFR2-M39 GVFLIACMV	226	>FGFR2-M39 GVFLIACRV	177	49
>FGFR2-M39 GVFLIACMVV	287	>FGFR2-M39 GVFLIACRVV	1957	1670
>FGFR2-M39 GVFLIACMV	292	>FGFR2-M39 GVFLIACRV	704	412
>FGFR2-M39 IGVFLIACM	18457	>FGFR2-M39 IGVFLIACR	211	18246
>FGFR2-M39 IGVFLIACM	28830	>FGFR2-M39 IGVFLIACR	145	28685
>FGFR2-M39 IGVFLIACM	31348	>FGFR2-M39 IGVFLIACR	451	30897
>FGFR2-M39 CIGVFLIACM'	184	>FGFR2-M39 CIGVFLIACRV	250	66
>FGFR2-M39 CIGVFLIACM'	354	>FGFR2-M39 CIGVFLIACRV	383	29
>FGFR2-M39 CIGVFLIACM'	115	>FGFR2-M39 CIGVFLIACRV	65	50
>FGFR2-M39 CIGVFLIACM	11498	>FGFR2-M39 CIGVFLIACR	81	11417
>FGFR2-M39 CIGVFLIACM	16528	>FGFR2-M39 CIGVFLIACR	163	16365
>FGFR2-M39 CIGVFLIACM	35294	>FGFR2-M39 CIGVFLIACR	441	34853
>FGFR2-M39 CIGVFLIACM	27444	>FGFR2-M39 CIGVFLIACR	172	27272
>FGFR2-M64 MKIADFGL	339	>FGFR2-M64 IKIADFGL	1118	779
>FGFR2-M64 MKIADFGLAF	454	>FGFR2-M64 IKIADFGLAR	1292	838
>FGFR2-M64 MKIADFGL	103	>FGFR2-M64 IKIADFGL	134	31
>FGFR2-M64 MKIADFGLAF	79	>FGFR2-M64 IKIADFGLAR	98	19
>FGFR2-M64 MKIADFGL	168	>FGFR2-M64 IKIADFGL	2825	2657
>FGFR2-M64 MKIADFGLAF	388	>FGFR2-M64 IKIADFGLAR	553	165
>FGFR2-M64 VMKIADFGL	170	>FGFR2-M64 VIKIADFGL	2211	2041
>FGFR2-M64 VMKIADFGL	473	>FGFR2-M64 VIKIADFGL	3740	3267
>FGFR2-M64 VMKIADFGLA	331	>FGFR2-M64 VIKIADFGLA	1433	1102
>FGFR2-M64 VMKIADFGL	423	>FGFR2-M64 VIKIADFGL	996	573
>FGFR2-M64 VMKIADFGL	263	>FGFR2-M64 VIKIADFGL	7179	6916
>FGFR2-M64 VMKIADFGL	128	>FGFR2-M64 VIKIADFGL	8261	8133
>FGFR2-M64 VMKIADFGL	207	>FGFR2-M64 VIKIADFGL	6874	6667
>FGFR2-M64 VMKIADFGL	15	>FGFR2-M64 VIKIADFGL	835	820
>FGFR2-M64 VMKIADFGLA	20	>FGFR2-M64 VIKIADFGLA	86	66
>FGFR2-M64 VMKIADFGLA	365	>FGFR2-M64 VIKIADFGLA	675	310
>FGFR2-M64 VMKIADFGLA	266	>FGFR2-M64 VIKIADFGLA	393	127
>FGFR2-M64 NVMKIADFGI	435	>FGFR2-M64 NVIKIADFGL	2508	2073
>FGFR2-M64 NVMKIADFGI	127	>FGFR2-M64 NVIKIADFGL	590	463
>FGFR2-M64 NVMKIADFGI	464	>FGFR2-M64 NVIKIADFGLA	1753	1289
>FGFR2-M64 NVMKIADFGI	468	>FGFR2-M64 NVIKIADFGLA	1054	586
>FGFR2-M64 NVMKIADFGI	232	>FGFR2-M64 NVIKIADFGL	439	207
>FGFR2-M64 NVMKIADFGI	221	>FGFR2-M64 NVIKIADFGLA	471	250
>FGFR2-M64 NVMKIADFGI	226	>FGFR2-M64 NVIKIADFGL	8333	8107
>FGFR2-M64 NVMKIADF	1100	>FGFR2-M64 NVIKIADF	425	675

>FGFR2-M64 NVMKIADF	283	>FGFR2-M64 NVIKIADF	36	247
>FGFR2-M64 NVMKIADFG	378	>FGFR2-M64 NVIKIADFG	573	195
>FGFR2-M64 NVMKIADFGI	16	>FGFR2-M64 NVIKIADFGL/	23	7
>FGFR2-M64 NVMKIADFGI	40	>FGFR2-M64 NVIKIADFGL	121	81
>FGFR2-M64 NVMKIADFGI	345	>FGFR2-M64 NVIKIADFGL/	1113	768
>FGFR2-M64 TENNVMIKI	133	>FGFR2-M64 TENNVIKI	135	2
>FGFR2-M64 TENNVMIKIAI	283	>FGFR2-M64 TENNVIKIADI	263	20
>FGFR2-M64 TENNVMIKI	405	>FGFR2-M64 TENNVIKI	353	52
>FGFR2-M64 TENNVMIKI	373	>FGFR2-M64 TENNVIKI	378	5
>FGFR2-M64 TENNVMIKIA	266	>FGFR2-M64 TENNVIKIA	287	21
>FGFR2-M64 TENNVMIKIAI	155	>FGFR2-M64 TENNVIKIADI	132	23
>FGFR2-M64 TENNVMIKIAI	130	>FGFR2-M64 TENNVIKIADI	103	27
>FGFR2-M64 TENNVMIKIA	90	>FGFR2-M64 TENNVIKIA	104	14
>FGFR2-M64 TENNVMIKI	315	>FGFR2-M64 TENNVIKI	561	246
>FGFR2-M64 VTENNVMIK	61	>FGFR2-M64 VTENNVIK	96	35
>FGFR2-M64 VTENNVMIK	254	>FGFR2-M64 VTENNVIK	654	400
>FGFR2-M64 VTENNVMIKI	252	>FGFR2-M64 VTENNVIKI	325	73
>FGFR2-M64 VTENNVMIKI	698	>FGFR2-M64 VTENNVIKI	401	297
>FGFR2-M64 LVTENNVMIK	491	>FGFR2-M64 LVTENNVIKI	481	10
>FGFR2-M64 LVTENNVMIK	151	>FGFR2-M64 LVTENNVIKI	258	107
>FGFR2-M64 LVTENNVMIK	146	>FGFR2-M64 LVTENNVIK	258	112
>FGFR2-M64 LVTENNVMIK	33	>FGFR2-M64 LVTENNVIK	80	47
>FGFR2-M64 LVTENNVMI	157	>FGFR2-M64 LVTENNVIKI	6975	6818
>FGFR2-M64 LVTENNVMIK	313	>FGFR2-M64 LVTENNVIKI	841	528
>FGFR2-M64 VLVTENNVMI	624	>FGFR2-M64 VLVTENNVIKI	161	463
>FGFR2-M64 VLVTENNVMI	167	>FGFR2-M64 VLVTENNVIK	196	29
>FGFR2-M64 VLVTENNVMI	4330	>FGFR2-M64 VLVTENNVIKI	346	3984
>FGFR2-M64 VLVTENNVMI	59	>FGFR2-M64 VLVTENNVIK	139	80
>FGFR2-M64 VLVTENNVMI	77	>FGFR2-M64 VLVTENNVIK	62	15
>FGFR2-M64 VLVTENNVMI	2699	>FGFR2-M64 VLVTENNVIKI	219	2480
>FGFR2-M64 VLVTENNVMI	94	>FGFR2-M64 VLVTENNVIK	101	7
>FGFR2-M64 VLVTENNVMI	340	>FGFR2-M64 VLVTENNVIK	284	56
>FGFR2-M64 VLVTENNVMI	1754	>FGFR2-M64 VLVTENNVIKI	260	1494
>FGFR2-M64 VLVTENNVMI	29	>FGFR2-M64 VLVTENNVIK	39	10
>FGFR2-M64 VLVTENNVMI	174	>FGFR2-M64 VLVTENNVIK	402	228
>FGFR2-M64 VLVTENNVMI	234	>FGFR2-M64 VLVTENNVIK	408	174
>FGFR2-M64 NVLVTENNVMI	340	>FGFR2-M64 NVLVTENNVIKI	573	233
>FGFR2-M64 NVLVTENNVMI	64	>FGFR2-M64 NVLVTENNVIKI	146	82
>FGFR2-N21: NQHWSLIME	852	>FGFR2-N21: IQHWSLIMES	171	681
>FGFR2-N21: NQHWSLIME	658	>FGFR2-N21: IQHWSLIMES	279	379
>FGFR2-N21: NQHWSLIME	55	>FGFR2-N21: IQHWSLIMES	26	29
>FGFR2-N21: NQHWSLIM	1372	>FGFR2-N21: IQHWSLIM	485	887
>FGFR2-N21: NQHWSLIME	11	>FGFR2-N21: IQHWSLIMES	7	4

>FGFR2-N21:NQHWSLIME	154	>FGFR2-N21:IQHWSLIMES	29	125
>FGFR2-N21:NQHWSLIME	3276	>FGFR2-N21:IQHWSLIMES	236	3040
>FGFR2-N21:NQHWSLIM	437	>FGFR2-N21:IQHWSLIM	139	298
>FGFR2-N21:NQHWSLIM	224	>FGFR2-N21:IQHWSLIM	18	206
>FGFR2-N21:NQHWSLIME	1577	>FGFR2-N21:IQHWSLIMES	115	1462
>FGFR2-N21:NQHWSLIM	73	>FGFR2-N21:IQHWSLIM	895	822
>FGFR2-N21:RNQHWSLI	14441	>FGFR2-N21:RIQHWSLI	196	14245
>FGFR2-N21:RNQHWSLI	17510	>FGFR2-N21:RIQHWSLI	499	17011
>FGFR2-N21:RNQHWSLI	18407	>FGFR2-N21:RIQHWSLI	473	17934
>FGFR2-N21:RNQHWSLI	3878	>FGFR2-N21:RIQHWSLI	310	3568
>FGFR2-N21:RNQHWSLI	5695	>FGFR2-N21:RIQHWSLI	324	5371
>FGFR2-N21:RNQHWSLIM	7111	>FGFR2-N21:RIQHWSLIM	262	6849
>FGFR2-N21:RNQHWSLIM	634	>FGFR2-N21:RIQHWSLIM	115	519
>FGFR2-N21:RNQHWSLIM	4519	>FGFR2-N21:RIQHWSLIM	360	4159
>FGFR2-N21:RNQHWSLIM	219	>FGFR2-N21:RIQHWSLIM	199	20
>FGFR2-N21:RNQHWSLIM	381	>FGFR2-N21:RIQHWSLIM	2097	1716
>FGFR2-N21:RNQHWSLI	57	>FGFR2-N21:RIQHWSLI	275	218
>FGFR2-N21:VRNQHWSLI	1545	>FGFR2-N21:VRIQHWSLI	272	1273
>FGFR2-N21:VRNQHWSL	622	>FGFR2-N21:VRIQHWSL	448	174
>FGFR2-N21:VRNQHWSLII	260	>FGFR2-N21:VRIQHWSLIM	168	92
>FGFR2-N21:VRNQHWSL	324	>FGFR2-N21:VRIQHWSL	205	119
>FGFR2-N21:VRNQHWSLI	422	>FGFR2-N21:VRIQHWSLI	240	182
>FGFR2-N21:VRNQHWSLII	110	>FGFR2-N21:VRIQHWSLIM	45	65
>FGFR2-N21:VRNQHWSL	337	>FGFR2-N21:VRIQHWSL	87	250
>FGFR2-N21:VRNQHWSLII	776	>FGFR2-N21:VRIQHWSLIM	206	570
>FGFR2-N21:VRNQHWSL	250	>FGFR2-N21:VRIQHWSL	264	14
>FGFR2-N21:VRNQHWSLI	688	>FGFR2-N21:VRIQHWSLI	281	407
>FGFR2-N21:VRNQHWSLII	296	>FGFR2-N21:VRIQHWSLIM	142	154
>FGFR2-N21:VRNQHWSLI	48	>FGFR2-N21:VRIQHWSLI	23	25
>FGFR2-N21:VRNQHWSLII	114	>FGFR2-N21:VRIQHWSLIM	69	45
>FGFR2-N21:KVRNQHWSL	127	>FGFR2-N21:KVRIQHWSL	340	213
>FGFR2-N21:KVRNQHWS	11	>FGFR2-N21:KVRIQHWS	14	3
>FGFR2-N21:KVRNQHWSL	4	>FGFR2-N21:KVRIQHWSL	4	0
>FGFR2-N21:KVRNQHWSL	3	>FGFR2-N21:KVRIQHWSLI	4	1
>FGFR2-N21:KVRNQHWSL	4	>FGFR2-N21:KVRIQHWSLI	4	0
>FGFR2-N21:KVRNQHWSL	75	>FGFR2-N21:KVRIQHWSL	593	518
>FGFR2-N21:KVRNQHWSL	123	>FGFR2-N21:KVRIQHWSL	123	0
>FGFR2-N21:KVRNQHWSL	231	>FGFR2-N21:KVRIQHWSLI	239	8
>FGFR2-N21:KVRNQHWSL	170	>FGFR2-N21:KVRIQHWSL	104	66
>FGFR2-N21:KVRNQHWSL	473	>FGFR2-N21:KVRIQHWSLI	952	479
>FGFR2-N21:KVRNQHWSL	459	>FGFR2-N21:KVRIQHWSLI	1372	913
>FGFR2-N21:KVRNQHWSL	116	>FGFR2-N21:KVRIQHWSL	30	86
>FGFR2-N21:KVRNQHWSL	724	>FGFR2-N21:KVRIQHWSLI	258	466



>FGFR2-N21:KVRNQHWSL	90	>FGFR2-N21:KVRIQHWSLI	33	57
>FGFR2-N21:KVRNQHWSL	54	>FGFR2-N21:KVRIQHWSLI	160	106
>FGFR2-N21:KVRNQHWSL	152	>FGFR2-N21:KVRIQHWSLI	190	38
>FGFR2-N21:YKVRNQHWS	325	>FGFR2-N21:YKVRIQHWSI	175	150
>FGFR2-N21:YKVRNQHW	61	>FGFR2-N21:YKVRIQHW	98	37
>FGFR2-N21:YKVRNQHWS	16	>FGFR2-N21:YKVRIQHWSI	30	14
>FGFR2-N21:YKVRNQHWS	51	>FGFR2-N21:YKVRIQHWSI	102	51
>FGFR2-N21:YKVRNQHWS	37	>FGFR2-N21:YKVRIQHWSI	42	5
>FGFR2-N21:YKVRNQHW	609	>FGFR2-N21:YKVRIQHW	265	344
>FGFR2-N21:GYKVRNQHM	129	>FGFR2-N21:GYKVRIQHW	158	29
>FGFR2-N21:GYKVRNQHM	413	>FGFR2-N21:GYKVRIQHW	398	15
>FGFR2-N21:GYKVRNQHM	280	>FGFR2-N21:GYKVRIQHW	62	218
>FGFR2-N21:GYKVRNQHM	41	>FGFR2-N21:GYKVRIQHW	24	17
>FGFR2-N21:GYKVRNQHM	236	>FGFR2-N21:GYKVRIQHW	302	66
>FGFR2-N21:GYKVRNQHM	605	>FGFR2-N21:GYKVRIQHW	383	222
>FGFR2-N21:GGYKVRNQH	585	>FGFR2-N21:GGYKVRIQH	379	206
>FGFR2-N21:GGYKVRNQH	265	>FGFR2-N21:GGYKVRIQH	207	58
>FGFR2-N21:GGYKVRNQH	367	>FGFR2-N21:GGYKVRIQH	219	148
>FGFR2-N21:IGGYKVRNQ	564	>FGFR2-N21:IGGYKVRIQH	365	199
>FGFR2-N21:IGGYKVRNQ	656	>FGFR2-N21:IGGYKVRIQH	485	171
>FGFR2-N21:RIGGYKVRN	18468	>FGFR2-N21:RIGGYKVRI	189	18279
>FGFR2-N21:RIGGYKVRN	25454	>FGFR2-N21:RIGGYKVRI	424	25030
>FGFR2-N21:RIGGYKVRN	16967	>FGFR2-N21:RIGGYKVRI	141	16826
>FGFR2-N21:HRIGGYKVRN	545	>FGFR2-N21:HRIGGYKVRI	34	511
>FGFR2-N21:HRIGGYKVRN	11346	>FGFR2-N21:HRIGGYKVRI	174	11172
>FGFR2-N54:KLLGACTQ	2004	>FGFR2-N54:KLLGACTQ	334	1670
>FGFR2-N54:KLLGACTQ	2018	>FGFR2-N54:KLLGACTQ	194	1824
>FGFR2-N54:KLLGACTQ	174	>FGFR2-N54:KLLGACTQ	30	144
>FGFR2-N54:KMIGKHKNI	16131	>FGFR2-N54:KMIGKHKNI	66	16065
>FGFR2-N54:KMIGKHKNI	20887	>FGFR2-N54:KMIGKHKNI	72	20815
>FGFR2-N54:KMIGKHKNI	9167	>FGFR2-N54:KMIGKHKNI	25	9142
>FGFR2-N54:KMIGKHKNI	9173	>FGFR2-N54:KMIGKHKNI	92	9081
>FGFR2-N54:KMIGKHKNI	11157	>FGFR2-N54:KMIGKHKNI	246	10911
>FGFR2-N54:NIINLLGA	93	>FGFR2-N54:NIKLLGA	183	90
>FGFR2-N54:NIINLLGA	84	>FGFR2-N54:NIKLLGA	187	103
>FGFR2-N54:NIINLLGA	495	>FGFR2-N54:NIKLLGA	809	314
>FGFR2-N54:KHKNIINL	440	>FGFR2-N54:KHKNIIKL	884	444
>FGFR2-N54:GKHKNIINL	121	>FGFR2-N54:GKHKNIIKL	276	155
>FGFR2-N54:GKHKNIINLL	313	>FGFR2-N54:GKHKNIIKLL	354	41
>FGFR2-N54:GKHKNIINL	469	>FGFR2-N54:GKHKNIIKL	547	78
>FGFR2-N54:IGKHKNIIN	9109	>FGFR2-N54:IGKHKNIIK	37	9072
>FGFR2-N54:MIGKHKNIIN	401	>FGFR2-N54:MIGKHKNIIKI	715	314
>FGFR2-N54:MIGKHKNIIN	239	>FGFR2-N54:MIGKHKNIIKI	226	13

>FGFR2-N54!MIGKHKNIIN	26325	>FGFR2-N54!MIGKHKNIIK	149	26176
>FGFR2-N54!MIGKHKNIIN	35227	>FGFR2-N54!MIGKHKNIIK	342	34885
>FGFR2-N54!MIGKHKNIIN	14648	>FGFR2-N54!MIGKHKNIIK	323	14325
>FGFR2-P25!PHRPILQA	10601	>FGFR2-P25!RHRPILQA	153	10448
>FGFR2-P25!SPHRPILQAG	197	>FGFR2-P25!SRHRPILQAG	32855	32658
>FGFR2-P25!SPHRPILQA	300	>FGFR2-P25!SRHRPILQA	26378	26078
>FGFR2-P25!SPHRPILQAG	68	>FGFR2-P25!SRHRPILQAG	22116	22048
>FGFR2-P25!SPHRPILQAG	23048	>FGFR2-P25!SRHRPILQAG	131	22917
>FGFR2-P25!SPHRPILQA	465	>FGFR2-P25!SRHRPILQA	33062	32597
>FGFR2-P25!SPHRPILQAG	17387	>FGFR2-P25!SRHRPILQAG	183	17204
>FGFR2-P25!SPHRPILQAG	11306	>FGFR2-P25!SRHRPILQAG	44	11262
>FGFR2-P25!TYHLDVVERS	35830	>FGFR2-P25!TYHLDVVERS	258	35572
>FGFR2-P25!TYHLDVVERS	32508	>FGFR2-P25!TYHLDVVERS	260	32248
>FGFR2-P25!RSPHRPIL	1162	>FGFR2-P25!RSRHRPIL	4	1158
>FGFR2-P25!RSPHRPILQ	2847	>FGFR2-P25!RSRHRPILQ	5	2842
>FGFR2-P25!RSPHRPILQA	662	>FGFR2-P25!RSRHRPILQA	4	658
>FGFR2-P25!RSPHRPILQA	5387	>FGFR2-P25!RSRHRPILQA	7	5380
>FGFR2-P25!RSPHRPIL	14754	>FGFR2-P25!RSRHRPIL	415	14339
>FGFR2-P25!RSPHRPIL	8005	>FGFR2-P25!RSRHRPIL	485	7520
>FGFR2-P25!RSPHRPIL	1426	>FGFR2-P25!RSRHRPIL	82	1344
>FGFR2-P25!RSPHRPIL	265	>FGFR2-P25!RSRHRPIL	5	260
>FGFR2-P25!RSPHRPILQA	5130	>FGFR2-P25!RSRHRPILQA	72	5058
>FGFR2-P25!RSPHRPIL	278	>FGFR2-P25!RSRHRPIL	31995	31717
>FGFR2-P25!RSPHRPIL	1010	>FGFR2-P25!RSRHRPIL	192	818
>FGFR2-P25!RSPHRPIL	273	>FGFR2-P25!RSRHRPIL	420	147
>FGFR2-P25!ERSPHRPIL	2953	>FGFR2-P25!ERSRHRPIL	465	2488
>FGFR2-P25!ERSPHRPIL	105	>FGFR2-P25!ERSRHRPIL	355	250
>FGFR2-P25!ERSPHRPIL	469	>FGFR2-P25!ERSRHRPIL	313	156
>FGFR2-P25!ERSPHRPIL	59	>FGFR2-P25!ERSRHRPIL	87	28
>FGFR2-P25!VERSPHRPI	2409	>FGFR2-P25!VERSRHRPI	173	2236
>FGFR2-P25!VERSPHRPI	15519	>FGFR2-P25!VERSRHRPI	231	15288
>FGFR2-P25!VERSPHRPI	319	>FGFR2-P25!VERSRHRPI	906	587
>FGFR2-P25!VERSPHRPIL	386	>FGFR2-P25!VERSRHRPIL	759	373
>FGFR2-P25!VERSPHRPI	434	>FGFR2-P25!VERSRHRPI	297	137
>FGFR2-P25!VERSPHRPI	197	>FGFR2-P25!VERSRHRPI	149	48
>FGFR2-P25!VERSPHRPIL	272	>FGFR2-P25!VERSRHRPIL	511	239
>FGFR2-P25!VVERSPhR	255	>FGFR2-P25!VVERSPhR	174	81
>FGFR2-P25!DVVERSPh	382	>FGFR2-P25!DVVERSPh	636	254
>FGFR2-P25!DVVERSPh	338	>FGFR2-P25!DVVERSPh	614	276
>FGFR2-P25!DVVERSPhRF	365	>FGFR2-P25!DVVERSPhRF	1014	649
>FGFR2-P25!DVVERSPhR	41	>FGFR2-P25!DVVERSPhR	42	1
>FGFR2-P25!DVVERSPhR	28	>FGFR2-P25!DVVERSPhR	72	44
>FGFR2-P25!DVVERSPhRF	202	>FGFR2-P25!DVVERSPhRF	424	222

>FGFR2-P25E DVVERSPHRF	65	>FGFR2-P25E DVVERSRHRF	404	339
>FGFR2-P25E HLDVVERSPT	477	>FGFR2-P25E HLDVVERSRT	438	39
>FGFR2-P30E GPDGLPYL	121	>FGFR2-P30E GLDGLPYL	24227	24106
>FGFR2-P30E GPDGLPYL	20175	>FGFR2-P30E GLDGLPYL	14	20161
>FGFR2-P30E GPDGLPYLKV	18586	>FGFR2-P30E GLDGLPYLKV	90	18496
>FGFR2-P30E GPDGLPYLKV	22645	>FGFR2-P30E GLDGLPYLKV	217	22428
>FGFR2-P30E GPDGLPYL	19924	>FGFR2-P30E GLDGLPYL	14	19910
>FGFR2-P30E GPDGLPYLKV	14073	>FGFR2-P30E GLDGLPYLKV	44	14029
>FGFR2-P30E GPDGLPYLKV	24489	>FGFR2-P30E GLDGLPYLKV	109	24380
>FGFR2-P30E GPDGLPYL	24402	>FGFR2-P30E GLDGLPYL	492	23910
>FGFR2-P30E GPDGLPYLKV	17531	>FGFR2-P30E GLDGLPYLKV	71	17460
>FGFR2-P30E GPDGLPYL	12854	>FGFR2-P30E GLDGLPYL	132	12722
>FGFR2-P30E GPDGLPYLKV	13781	>FGFR2-P30E GLDGLPYLKV	478	13303
>FGFR2-P30E GPDGLPYL	7204	>FGFR2-P30E GLDGLPYL	3	7201
>FGFR2-P30E GPDGLPYLKV	5800	>FGFR2-P30E GLDGLPYLKV	3	5797
>FGFR2-P30E GPDGLPYLKV	17191	>FGFR2-P30E GLDGLPYLKV	11	17180
>FGFR2-P30E GPDGLPYL	18427	>FGFR2-P30E GLDGLPYL	6	18421
>FGFR2-P30E GPDGLPYLKV	18724	>FGFR2-P30E GLDGLPYLKV	11	18713
>FGFR2-P30E GPDGLPYLKV	21817	>FGFR2-P30E GLDGLPYLKV	26	21791
>FGFR2-P30E GPDGLPYL	10252	>FGFR2-P30E GLDGLPYL	6	10246
>FGFR2-P30E GPDGLPYLKV	9746	>FGFR2-P30E GLDGLPYLKV	5	9741
>FGFR2-P30E GPDGLPYLKV	22138	>FGFR2-P30E GLDGLPYLKV	32	22106
>FGFR2-P30E GPDGLPYL	19268	>FGFR2-P30E GLDGLPYL	8	19260
>FGFR2-P30E GPDGLPYLKV	21503	>FGFR2-P30E GLDGLPYLKV	19	21484
>FGFR2-P30E GPDGLPYLKV	23100	>FGFR2-P30E GLDGLPYLKV	385	22715
>FGFR2-P30E GPDGLPYL	21574	>FGFR2-P30E GLDGLPYL	5	21569
>FGFR2-P30E GPDGLPYLKV	19652	>FGFR2-P30E GLDGLPYLKV	3	19649
>FGFR2-P30E GPDGLPYLKV	30168	>FGFR2-P30E GLDGLPYLKV	18	30150
>FGFR2-P30E GPDGLPYLK	17891	>FGFR2-P30E GLDGLPYLK	239	17652
>FGFR2-P30E GPDGLPYLK	4495	>FGFR2-P30E GLDGLPYLK	31	4464
>FGFR2-P30E YGPDGLPYL	648	>FGFR2-P30E YGLDGLPYL	53	595
>FGFR2-P30E YGPDGLPYLK	2917	>FGFR2-P30E YGLDGLPYLK'	491	2426
>FGFR2-P30E YGPDGLPYL	39	>FGFR2-P30E YGLDGLPYL	12	27
>FGFR2-P30E YGPDGLPYLK	342	>FGFR2-P30E YGLDGLPYLK'	88	254
>FGFR2-P30E YGPDGLPYL	130	>FGFR2-P30E YGLDGLPYL	16	114
>FGFR2-P30E YGPDGLPYLK	221	>FGFR2-P30E YGLDGLPYLK'	35	186
>FGFR2-P30E YGPDGLPYL	170	>FGFR2-P30E YGLDGLPYL	19	151
>FGFR2-P30E YGPDGLPYLK	323	>FGFR2-P30E YGLDGLPYLK'	39	284
>FGFR2-P30E YGPDGLPYL	3278	>FGFR2-P30E YGLDGLPYL	109	3169
>FGFR2-P30E YGPDGLPYL	117	>FGFR2-P30E YGLDGLPYL	35	82
>FGFR2-P30E YGPDGLPYLK	74	>FGFR2-P30E YGLDGLPYLK'	36	38
>FGFR2-P30E YGPDGLPY	99	>FGFR2-P30E YGLDGLPY	20	79
>FGFR2-P30E YGPDGLPYL	3267	>FGFR2-P30E YGLDGLPYL	102	3165

>FGFR2-P30EYGPDGLPYLK	2623	>FGFR2-P30EYGLDGLPYLK'	97	2526
>FGFR2-P30EYGPDGLPY	242	>FGFR2-P30EYGLDGLPY	137	105
>FGFR2-P30EYGPDGLPY	289	>FGFR2-P30EYGLDGLPY	109	180
>FGFR2-P30EYGPDGLPY	3857	>FGFR2-P30EYGLDGLPY	491	3366
>FGFR2-P30EYGPDGLPY	3680	>FGFR2-P30EYGLDGLPY	44	3636
>FGFR2-P30EYGPDGLPY	120	>FGFR2-P30EYGLDGLPY	34	86
>FGFR2-P30EYGPDGLPY	1376	>FGFR2-P30EYGLDGLPY	400	976
>FGFR2-P30EYGPDGLPYL	6	>FGFR2-P30EYGLDGLPYL	3993	3987
>FGFR2-P30EYGPDGLPYLK	118	>FGFR2-P30EYGLDGLPYLK'	18125	18007
>FGFR2-P30EKYGPDGLPYL	13	>FGFR2-P30EKYGLDGLPYL	20	7
>FGFR2-P30EKYGPDGLPY	23	>FGFR2-P30EKYGLDGLPY	40	17
>FGFR2-P30EKYGPDGLPYL	112	>FGFR2-P30EKYGLDGLPYL	247	135
>FGFR2-P30EKYGPDGLPY	240	>FGFR2-P30EKYGLDGLPY	766	526
>FGFR2-P30EKYGPDGLPYL	293	>FGFR2-P30EKYGLDGLPYL	494	201
>FGFR2-P30EKYGPDGLPY	10	>FGFR2-P30EKYGLDGLPY	13	3
>FGFR2-P30EKYGPDGLPY	367	>FGFR2-P30EKYGLDGLPY	736	369
>FGFR2-P30EKYGPDGLPYL	25	>FGFR2-P30EKYGLDGLPYL	31	6
>FGFR2-P30EKYGPDGLPYL	297	>FGFR2-P30EKYGLDGLPYL	366	69
>FGFR2-P30EKYGPDGLPYL	44	>FGFR2-P30EKYGLDGLPYL	84	40
>FGFR2-P30ESKYGPDGLPY	390	>FGFR2-P30ESKYGLDGLPY	550	160
>FGFR2-P30ESKYGPDGLPY	349	>FGFR2-P30ESKYGLDGLPY	360	11
>FGFR2-P30ESKYGPDGLPY	296	>FGFR2-P30ESKYGLDGLPY	827	531
>FGFR2-P30ESKYGPDGLPY	56	>FGFR2-P30ESKYGLDGLPY	215	159
>FGFR2-P30ESKYGPDGLPY	15	>FGFR2-P30ESKYGLDGLPY	25	10
>FGFR2-P30ESKYGPDGLPY	298	>FGFR2-P30ESKYGLDGLPY	424	126
>FGFR2-P30ESKYGPDGLF	129	>FGFR2-P30ESKYGLDGLP	165	36
>FGFR2-P30ESKYGPDGLF	180	>FGFR2-P30ESKYGLDGLP	144	36
>FGFR2-P30ESKYGPDGLF	92	>FGFR2-P30ESKYGLDGLP	73	19
>FGFR2-P30ESKYGPDGLF	355	>FGFR2-P30ESKYGLDGLP	639	284
>FGFR2-P30ESKYGPDGLF	26	>FGFR2-P30ESKYGLDGLP	27	1
>FGFR2-P30ESKYGPDGLF	118	>FGFR2-P30ESKYGLDGLP	88	30
>FGFR2-P30EVEKNGSKYGF	4422	>FGFR2-P30EVEKNGSKYGL	401	4021
>FGFR2-P70EIPVEELFKL	9704	>FGFR2-P70EISVEELFKL	158	9546
>FGFR2-P70EIPVEELFKLLK	5971	>FGFR2-P70EISVEELFKLLK	489	5482
>FGFR2-P70EIPVEELFKLLK	1210	>FGFR2-P70EISVEELFKLLK	28	1182
>FGFR2-P70EIPVEELFKLLK	7131	>FGFR2-P70EISVEELFKLLK	335	6796
>FGFR2-P70EIPVEELFKLLK	6415	>FGFR2-P70EISVEELFKLLK	345	6070
>FGFR2-P70EIPVEELFKL	467	>FGFR2-P70EISVEELFKL	34933	34466
>FGFR2-P70EIPVEELFKL	10821	>FGFR2-P70EISVEELFKL	251	10570
>FGFR2-P70EIPVEELFKL	3351	>FGFR2-P70EISVEELFKL	184	3167
>FGFR2-P70EIPVEELFK	14785	>FGFR2-P70EISVEELFK	456	14329
>FGFR2-P70EIPVEELFKLLK	13556	>FGFR2-P70EISVEELFKLLK	330	13226
>FGFR2-P70EIPVEELFK	9001	>FGFR2-P70EISVEELFK	27	8974

>FGFR2-P70EIPVEELFKLLK	7801	>FGFR2-P70EISVEELFKLLK	23	7778
>FGFR2-P70EIPVEELFK	2433	>FGFR2-P70EISVEELFK	94	2339
>FGFR2-P70EIPVEELFKLLK	2926	>FGFR2-P70EISVEELFKLLK	161	2765
>FGFR2-P70EIPVEELFKL	12081	>FGFR2-P70EISVEELFKL	15	12066
>FGFR2-P70EIPVEELFKLL	16583	>FGFR2-P70EISVEELFKLL	27	16556
>FGFR2-P70EIPVEELFKL	294	>FGFR2-P70EISVEELFKL	13255	12961
>FGFR2-P70EIPVEELFKL	50	>FGFR2-P70EISVEELFKL	6591	6541
>FGFR2-P70EIPVEELFKL	20168	>FGFR2-P70EISVEELFKL	203	19965
>FGFR2-P70EIPVEELFKL	9300	>FGFR2-P70EISVEELFKL	274	9026
>FGFR2-P70EIPVEELFKLL	2817	>FGFR2-P70EISVEELFKLL	68	2749
>FGFR2-P70EIPVEELFKL	344	>FGFR2-P70EISVEELFKL	17831	17487
>FGFR2-P70EIPVEELFKLL	201	>FGFR2-P70EISVEELFKLL	15990	15789
>FGFR2-P70EIPVEELFKLLK	4978	>FGFR2-P70EISVEELFKLLK	388	4590
>FGFR2-P70EGIPVEELFKL	451	>FGFR2-P70EGISVEELFKL	127	324
>FGFR2-P70EGIPVEELFKLL	3137	>FGFR2-P70EGISVEELFKLL	413	2724
>FGFR2-P70EGIPVEELFK	1827	>FGFR2-P70EGISVEELFK	265	1562
>FGFR2-P70EGIPVEELFK	173	>FGFR2-P70EGISVEELFK	25	148
>FGFR2-P70EGIPVEELFKLL	276	>FGFR2-P70EGISVEELFKLL	12404	12128
>FGFR2-P70EYPGIPVEEL	215	>FGFR2-P70EYPGISVEEL	234	19
>FGFR2-P70EYPGIPVEEL	749	>FGFR2-P70EYPGISVEEL	324	425
>FGFR2-P70EYPGIPVEELF	79	>FGFR2-P70EYPGISVEELF	90	11
>FGFR2-P70EYPGIPVEEL	576	>FGFR2-P70EYPGISVEEL	351	225
>FGFR2-P70EYPGIPVEELF	94	>FGFR2-P70EYPGISVEELF	130	36
>FGFR2-P70EYPGIPVEELF	454	>FGFR2-P70EYPGISVEELF	248	206
>FGFR2-P70EPYPGIPVEELF	88	>FGFR2-P70EPYPGISVEELF	134	46
>FGFR2-P70EPYPGIPVEEL	479	>FGFR2-P70EPYPGISVEEL	238	241
>FGFR2-P70EPYPGIPVEELF	42	>FGFR2-P70EPYPGISVEELF	50	8
>FGFR2-P70EPYPGIPVEEL	14	>FGFR2-P70EPYPGISVEEL	10	4
>FGFR2-P70EPYPGIPVEELF	9	>FGFR2-P70EPYPGISVEELF	8	1
>FGFR2-P70ESPYPGIPV	149	>FGFR2-P70ESPYPGISV	37	112
>FGFR2-P70ESPYPGIPVEEL	20	>FGFR2-P70ESPYPGISVEEL	15	5
>FGFR2-P70ESPYPGIPV	59	>FGFR2-P70ESPYPGISV	183	124
>FGFR2-P70ESPYPGIPV	35	>FGFR2-P70ESPYPGISV	35	0
>FGFR2-P70ESPYPGIPVEEL	114	>FGFR2-P70ESPYPGISVEEL	92	22
>FGFR2-P70ESPYPGIPVEEL	567	>FGFR2-P70ESPYPGISVEEL	418	149
>FGFR2-P70ESPYPGIPVEEL	415	>FGFR2-P70ESPYPGISVEEL	302	113
>FGFR2-P70ESPYPGIPV	323	>FGFR2-P70ESPYPGISV	276	47
>FGFR2-P70ESPYPGIPV	48	>FGFR2-P70ESPYPGISV	226	178
>FGFR2-P70ESPYPGIPVEEL	364	>FGFR2-P70ESPYPGISVEEL	241	123
>FGFR2-P70EGSPYPGIPV	20	>FGFR2-P70EGSPYPGISV	25	5
>FGFR2-Q21:QHWSLIMES'	418	>FGFR2-Q21:KHWSLIMES\	202	216
>FGFR2-Q21:QHWSLIMES'	295	>FGFR2-Q21:KHWSLIMES\	147	148
>FGFR2-Q21:NQHWSLIME	55	>FGFR2-Q21:NKHWSLIME'	4638	4583

>FGFR2-Q21:NQHWSLIME	11	>FGFR2-Q21:NKHWSLIME	2369	2358
>FGFR2-Q21:NQHWSLIME	154	>FGFR2-Q21:NKHWSLIME	4362	4208
>FGFR2-Q21:NQHWSLIM	437	>FGFR2-Q21:NKHWSLIM	18409	17972
>FGFR2-Q21:NQHWSLIM	224	>FGFR2-Q21:NKHWSLIM	224	0
>FGFR2-Q21:NQHWSLIM	73	>FGFR2-Q21:NKHWSLIM	284	211
>FGFR2-Q21:HRIGGYKVRN	1511	>FGFR2-Q21:HRIGGYKVRN	61	1450
>FGFR2-Q21:RNQHWSLI	3878	>FGFR2-Q21:RNKHWSLI	64	3814
>FGFR2-Q21:RNQHWSLIM	6288	>FGFR2-Q21:RNKHWSLIM	143	6145
>FGFR2-Q21:RNQHWSLIM	634	>FGFR2-Q21:RNKHWSLIM	304	330
>FGFR2-Q21:RNQHWSLIM	584	>FGFR2-Q21:RNKHWSLIM	199	385
>FGFR2-Q21:RNQHWSLIM	219	>FGFR2-Q21:RNKHWSLIM	151	68
>FGFR2-Q21:RNQHWSLIM	381	>FGFR2-Q21:RNKHWSLIM	1066	685
>FGFR2-Q21:RNQHWSLI	57	>FGFR2-Q21:RNKHWSLI	250	193
>FGFR2-Q21:VRNQHWSLII	260	>FGFR2-Q21:VRNKHWSLII	189	71
>FGFR2-Q21:VRNQHWSL	324	>FGFR2-Q21:VRNKHWSL	325	1
>FGFR2-Q21:VRNQHWSLI	422	>FGFR2-Q21:VRNKHWSLI	369	53
>FGFR2-Q21:VRNQHWSLII	110	>FGFR2-Q21:VRNKHWSLII	198	88
>FGFR2-Q21:VRNQHWSL	337	>FGFR2-Q21:VRNKHWSL	737	400
>FGFR2-Q21:VRNQHWSL	250	>FGFR2-Q21:VRNKHWSL	232	18
>FGFR2-Q21:VRNQHWSLII	296	>FGFR2-Q21:VRNKHWSLII	592	296
>FGFR2-Q21:VRNQHWSLI	48	>FGFR2-Q21:VRNKHWSLI	59	11
>FGFR2-Q21:VRNQHWSLII	114	>FGFR2-Q21:VRNKHWSLII	256	142
>FGFR2-Q21:KVRNQHWSL	127	>FGFR2-Q21:KVRNKHWSL	240	113
>FGFR2-Q21:KVRNQHWS	11	>FGFR2-Q21:KVRNKHWS	18	7
>FGFR2-Q21:KVRNQHWSL	4	>FGFR2-Q21:KVRNKHWSL	4	0
>FGFR2-Q21:KVRNQHWSL	3	>FGFR2-Q21:KVRNKHWSL	3	0
>FGFR2-Q21:KVRNQHWSL	4	>FGFR2-Q21:KVRNKHWSL	4	0
>FGFR2-Q21:KVRNQHWSL	75	>FGFR2-Q21:KVRNKHWSL	90	15
>FGFR2-Q21:KVRNQHWSL	123	>FGFR2-Q21:KVRNKHWSL	61	62
>FGFR2-Q21:KVRNQHWSL	231	>FGFR2-Q21:KVRNKHWSL	141	90
>FGFR2-Q21:KVRNQHWSL	170	>FGFR2-Q21:KVRNKHWSL	31	139
>FGFR2-Q21:KVRNQHWSL	473	>FGFR2-Q21:KVRNKHWSL	676	203
>FGFR2-Q21:KVRNQHWSL	459	>FGFR2-Q21:KVRNKHWSL	841	382
>FGFR2-Q21:KVRNQHWSL	116	>FGFR2-Q21:KVRNKHWSL	99	17
>FGFR2-Q21:KVRNQHWSL	90	>FGFR2-Q21:KVRNKHWSL	78	12
>FGFR2-Q21:KVRNQHWSL	54	>FGFR2-Q21:KVRNKHWSL	57	3
>FGFR2-Q21:KVRNQHWSL	152	>FGFR2-Q21:KVRNKHWSL	152	0
>FGFR2-Q21:YKVRNQHWS	325	>FGFR2-Q21:YKVRNKHWS	239	86
>FGFR2-Q21:YKVRNQHW	61	>FGFR2-Q21:YKVRNKHW	122	61
>FGFR2-Q21:YKVRNQHWS	16	>FGFR2-Q21:YKVRNKHWS	28	12
>FGFR2-Q21:YKVRNQHWS	51	>FGFR2-Q21:YKVRNKHWS	67	16
>FGFR2-Q21:YKVRNQHWS	37	>FGFR2-Q21:YKVRNKHWS	51	14
>FGFR2-Q21:GYKVRNQHM	129	>FGFR2-Q21:GYKVRNKHM	337	208

>FGFR2-Q21:GYKVRNQHV	413	>FGFR2-Q21:GYKVRNKHV	1370	957
>FGFR2-Q21:GYKVRNQHV	280	>FGFR2-Q21:GYKVRNKHV	678	398
>FGFR2-Q21:GYKVRNQHV	41	>FGFR2-Q21:GYKVRNKHV	65	24
>FGFR2-Q21:GYKVRNQHV	236	>FGFR2-Q21:GYKVRNKHV	420	184
>FGFR2-Q21:GYKVRNQHV	605	>FGFR2-Q21:GYKVRNKHV	278	327
>FGFR2-Q21:GGYKVRNQH	265	>FGFR2-Q21:GGYKVRNKH	295	30
>FGFR2-Q21:GGYKVRNQH	367	>FGFR2-Q21:GGYKVRNKH	1095	728
>FGFR2-Q21:RIGGYKVRNC	17467	>FGFR2-Q21:RIGGYKVRNK	52	17415
>FGFR2-Q21:RIGGYKVRNC	10024	>FGFR2-Q21:RIGGYKVRNK	288	9736
>FGFR2-Q21:RIGGYKVRNC	6564	>FGFR2-Q21:RIGGYKVRNK	188	6376
>FGFR2-Q21:RIGGYKVRNC	5932	>FGFR2-Q21:RIGGYKVRNK	173	5759
>FGFR2-R20:RIGGYKVR	50	>FGFR2-R20:CIGGYKVR	1081	1031
>FGFR2-R20:RIGGYKVR	50	>FGFR2-R20:CIGGYKVR	90	40
>FGFR2-R20:HRIGGYKV	4511	>FGFR2-R20:HCIGGYKV	334	4177
>FGFR2-R20:HRIGGYKV	108	>FGFR2-R20:HCIGGYKV	23387	23279
>FGFR2-R20:HRIGGYKVR	135	>FGFR2-R20:HCIGGYKVR	23657	23522
>FGFR2-R20:HRIGGYKV	455	>FGFR2-R20:HCIGGYKV	17034	16579
>FGFR2-R20:HRIGGYKVR	442	>FGFR2-R20:HCIGGYKVR	149	293
>FGFR2-R20:KNGKEFKQEH	55	>FGFR2-R20:KNGKEFKQEH	28920	28865
>FGFR2-R20:QEHRIGGY	662	>FGFR2-R20:QEHCIGGY	320	342
>FGFR2-R20:QEHRIGGYKV	199	>FGFR2-R20:QEHCIGGYKV	928	729
>FGFR2-R20:QEHRIGGY	411	>FGFR2-R20:QEHCIGGY	180	231
>FGFR2-R20:QEHRIGGY	205	>FGFR2-R20:QEHCIGGY	143	62
>FGFR2-R20:QEHRIGGYKV	369	>FGFR2-R20:QEHCIGGYKV	325	44
>FGFR2-R20:KQEHRIGGYK	95	>FGFR2-R20:KQEHCIGGYK	72	23
>FGFR2-R20:KQEHRIGGYK	140	>FGFR2-R20:KQEHCIGGYK	126	14
>FGFR2-R20:KQEHRIGGYK	384	>FGFR2-R20:KQEHCIGGYK	1244	860
>FGFR2-R20:KQEHRIGGY	55	>FGFR2-R20:KQEHCIGGY	13	42
>FGFR2-R20:KQEHRIGGY	325	>FGFR2-R20:KQEHCIGGY	279	46
>FGFR2-R20:KQEHRIGGYK	1132	>FGFR2-R20:KQEHCIGGYK	336	796
>FGFR2-R20:FKQEHRIGGY	108	>FGFR2-R20:FKQEHCIGGY	92	16
>FGFR2-R20:EFKQEHRIGG	238	>FGFR2-R20:EFKQEHCIGG	331	93
>FGFR2-R20:EFKQEHRIGG	410	>FGFR2-R20:EFKQEHCIGG	400	10
>FGFR2-R20:KEFKQEHR	36	>FGFR2-R20:KEFKQEHCI	10	26
>FGFR2-R20:KEFKQEHR	259	>FGFR2-R20:KEFKQEHC	22735	22476
>FGFR2-R20:KEFKQEHR	253	>FGFR2-R20:KEFKQEHCI	215	38
>FGFR2-R20:KEFKQEHR	147	>FGFR2-R20:KEFKQEHCI	60	87
>FGFR2-R20:KEFKQEHR	13	>FGFR2-R20:KEFKQEHCI	11	2
>FGFR2-R20:KEFKQEHR	27	>FGFR2-R20:KEFKQEHC	28703	28676
>FGFR2-R251RSPHRPIL	824	>FGFR2-R251QSPHRPIL	353	471
>FGFR2-R251RSPHRPIL	265	>FGFR2-R251QSPHRPIL	3813	3548
>FGFR2-R251RSPHRPIL	278	>FGFR2-R251QSPHRPIL	363	85
>FGFR2-R251RSPHRPIL	273	>FGFR2-R251QSPHRPIL	2675	2402

>FGFR2-R251ERSPHRPI	1799	>FGFR2-R251EQSPHRPI	439	1360
>FGFR2-R251ERSPHRPIL	1436	>FGFR2-R251EQSPHRPIL	328	1108
>FGFR2-R251ERSPHRPI	105	>FGFR2-R251EQSPHRPIL	80	25
>FGFR2-R251ERSPHRPIL	469	>FGFR2-R251EQSPHRPIL	8307	7838
>FGFR2-R251ERSPHRPI	59	>FGFR2-R251EQSPHRPIL	3722	3663
>FGFR2-R251VERSPHRPI	319	>FGFR2-R251VEQSPHRPI	2093	1774
>FGFR2-R251VERSPHRPIL	386	>FGFR2-R251VEQSPHRPIL	2223	1837
>FGFR2-R251VERSPHRPI	434	>FGFR2-R251VEQSPHRPI	1098	664
>FGFR2-R251VERSPHRPIL	539	>FGFR2-R251VEQSPHRPIL	320	219
>FGFR2-R251VERSPHRPI	197	>FGFR2-R251VEQSPHRPI	350	153
>FGFR2-R251VERSPHRPIL	272	>FGFR2-R251VEQSPHRPIL	232	40
>FGFR2-R251VVERSPHR	255	>FGFR2-R251VVEQSPHR	1231	976
>FGFR2-R251DVVERSPH	382	>FGFR2-R251DVVEQSPH	295	87
>FGFR2-R251DVVERSPH	338	>FGFR2-R251DVVEQSPH	139	199
>FGFR2-R251DVVERSPHRF	365	>FGFR2-R251DVVEQSPHRI	184	181
>FGFR2-R251DVVERSPHR	41	>FGFR2-R251DVVEQSPHR	143	102
>FGFR2-R251DVVERSPHR	28	>FGFR2-R251DVVEQSPHR	29	1
>FGFR2-R251DVVERSPHRF	202	>FGFR2-R251DVVEQSPHRI	153	49
>FGFR2-R251DVVERSPHRF	65	>FGFR2-R251DVVEQSPHRI	37	28
>FGFR2-R251HLDVVERSPH	477	>FGFR2-R251HLDVVEQSPH	689	212
>FGFR2-R251TYHLDVVER	173	>FGFR2-R251TYHLDVVEQ	19596	19423
>FGFR2-R251TYHLDVVER	277	>FGFR2-R251TYHLDVVEQ	25199	24922
>FGFR2-R251TYHLDVVER	288	>FGFR2-R251TYHLDVVEQ	17288	17000
>FGFR2-R251TYHLDVVER	78	>FGFR2-R251TYHLDVVEQ	7979	7901
>FGFR2-R251HTYHLDVVEF	398	>FGFR2-R251HTYHLDVVEC	30162	29764
>FGFR2-R251HTYHLDVVEF	104	>FGFR2-R251HTYHLDVVEC	18714	18610
>FGFR2-R251HTYHLDVVEF	389	>FGFR2-R251HTYHLDVVEC	21146	20757
>FGFR2-R251HTYHLDVVEF	5	>FGFR2-R251HTYHLDVVEC	11223	11218
>FGFR2-R251HTYHLDVVEF	142	>FGFR2-R251HTYHLDVVEC	186	44
>FGFR2-R251HTYHLDVVEF	52	>FGFR2-R251HTYHLDVVEC	8653	8601
>FGFR2-R612RGMEYLASQI	193	>FGFR2-R612TGMEYLASQI	6324	6131
>FGFR2-R612ARGMEYLASQI	19424	>FGFR2-R612ATGMEYLASQI	462	18962
>FGFR2-R612ARGMEYLASQI	11893	>FGFR2-R612ATGMEYLASQI	30	11863
>FGFR2-R612ARGMEYLASQI	11150	>FGFR2-R612ATGMEYLASQI	408	10742
>FGFR2-R612ARGMEYLASQI	439	>FGFR2-R612ATGMEYLASQI	24849	24410
>FGFR2-R612ARGMEYLASQI	8218	>FGFR2-R612ATGMEYLASQI	234	7984
>FGFR2-R612DLVSCTYQLA	41	>FGFR2-R612DLVSCTYQLA	20297	20256
>FGFR2-R612DLVSCTYQLA	54	>FGFR2-R612DLVSCTYQLA	25523	25469
>FGFR2-R612DLVSCTYQLA	109	>FGFR2-R612DLVSCTYQLA	30286	30177
>FGFR2-R612LARGMEYL	2549	>FGFR2-R612LATGMEYL	385	2164
>FGFR2-R612LARGMEYL	70	>FGFR2-R612LATGMEYL	673	603
>FGFR2-R612LARGMEYLA	50	>FGFR2-R612LATGMEYLA	36	14
>FGFR2-R612QLARGMEYL	149	>FGFR2-R612QLATGMEYL	55	94



>FGFR2-R612QLARGMEYL	676	>FGFR2-R612QLATGMEYL	335	341
>FGFR2-R612QLARGMEYL	4	>FGFR2-R612QLATGMEYL	3	1
>FGFR2-R612QLARGMEYL	45	>FGFR2-R612QLATGMEYL	22	23
>FGFR2-R612QLARGMEYL	36	>FGFR2-R612QLATGMEYL	21	15
>FGFR2-R612QLARGMEYL	31	>FGFR2-R612QLATGMEYL	23	8
>FGFR2-R612QLARGMEYL	24	>FGFR2-R612QLATGMEYL	33	9
>FGFR2-R612QLARGMEYL	167	>FGFR2-R612QLATGMEYL	144	23
>FGFR2-R612QLARGMEYL	101	>FGFR2-R612QLATGMEYL	108	7
>FGFR2-R612QLARGMEYL	60	>FGFR2-R612QLATGMEYL	50	10
>FGFR2-R612QLARGMEYL	8	>FGFR2-R612QLATGMEYL	10	2
>FGFR2-R612QLARGMEYL	36	>FGFR2-R612QLATGMEYL	53	17
>FGFR2-R612QLARGMEY	577	>FGFR2-R612QLATGMEY	457	120
>FGFR2-R612QLARGMEYL	232	>FGFR2-R612QLATGMEYL	222	10
>FGFR2-R612QLARGMEY	43	>FGFR2-R612QLATGMEY	23	20
>FGFR2-R612QLARGMEY	314	>FGFR2-R612QLATGMEY	141	173
>FGFR2-R612QLARGMEYL	93	>FGFR2-R612QLATGMEYL	51	42
>FGFR2-R612QLARGMEY	16	>FGFR2-R612QLATGMEY	24	8
>FGFR2-R612QLARGMEY	146	>FGFR2-R612QLATGMEY	173	27
>FGFR2-R612QLARGMEY	61	>FGFR2-R612QLATGMEY	61	0
>FGFR2-R612QLARGMEY	325	>FGFR2-R612QLATGMEY	255	70
>FGFR2-R612YQLARGMEY	143	>FGFR2-R612YQLATGMEY	60	83
>FGFR2-R612YQLARGMEY	41	>FGFR2-R612YQLATGMEY	38	3
>FGFR2-R612YQLARGMEY	31	>FGFR2-R612YQLATGMEY	24	7
>FGFR2-R612YQLARGMEY	441	>FGFR2-R612YQLATGMEY	377	64
>FGFR2-R612YQLARGMEY	76	>FGFR2-R612YQLATGMEY	45	31
>FGFR2-R612YQLARGMEY	212	>FGFR2-R612YQLATGMEY	203	9
>FGFR2-R612YQLARGMEY	73	>FGFR2-R612YQLATGMEY	35	38
>FGFR2-R612YQLARGMEY	8	>FGFR2-R612YQLATGMEY	7	1
>FGFR2-R612YQLARGMEY	16	>FGFR2-R612YQLATGMEY	10	6
>FGFR2-R612YQLARGMEY	279	>FGFR2-R612YQLATGMEY	130	149
>FGFR2-R612YQLARGMEY	37	>FGFR2-R612YQLATGMEY	17	20
>FGFR2-R612YQLARGMEY	335	>FGFR2-R612YQLATGMEY	131	204
>FGFR2-R612YQLARGMEY	83	>FGFR2-R612YQLATGMEY	40	43
>FGFR2-R612YQLARGMEY	541	>FGFR2-R612YQLATGMEY	227	314
>FGFR2-R612YQLARGMEY	369	>FGFR2-R612YQLATGMEY	114	255
>FGFR2-R612YQLARGMEY	53	>FGFR2-R612YQLATGMEY	33	20
>FGFR2-R612YQLARGMEY	13	>FGFR2-R612YQLATGMEY	15	2
>FGFR2-R612YQLARGMEY	49	>FGFR2-R612YQLATGMEY	43	6
>FGFR2-R612YQLARGMEY	254	>FGFR2-R612YQLATGMEY	189	65
>FGFR2-R612YQLARGMEY	16	>FGFR2-R612YQLATGMEY	14	2
>FGFR2-R612YQLARGMEY	430	>FGFR2-R612YQLATGMEY	335	95
>FGFR2-R612YQLARGMEY	3	>FGFR2-R612YQLATGMEY	2	1
>FGFR2-R612YQLARGMEY	19	>FGFR2-R612YQLATGMEY	11	8

>FGFR2-R612YQLARGMEY	623	>FGFR2-R612YQLATGMEY	239	384
>FGFR2-R612YQLARGMEY	526	>FGFR2-R612YQLATGMEY	131	395
>FGFR2-R612YQLARGMEY	1157	>FGFR2-R612YQLATGMEY	259	898
>FGFR2-R612YQLARGMEY	82	>FGFR2-R612YQLATGMEY	30	52
>FGFR2-R612YQLARGMEY	374	>FGFR2-R612YQLATGMEY	330	44
>FGFR2-R612TYQLARGM	354	>FGFR2-R612TYQLATGM	88	266
>FGFR2-R612TYQLARGME'	14	>FGFR2-R612TYQLATGME'	20	6
>FGFR2-R612TYQLARGME'	392	>FGFR2-R612TYQLATGME'	231	161
>FGFR2-R612TYQLARGME'	420	>FGFR2-R612TYQLATGME'	376	44
>FGFR2-R612TYQLARGM	493	>FGFR2-R612TYQLATGM	242	251
>FGFR2-R612TYQLARGME'	126	>FGFR2-R612TYQLATGME'	55	71
>FGFR2-R612TYQLARGME'	9	>FGFR2-R612TYQLATGME'	7	2
>FGFR2-R612TYQLARGME'	47	>FGFR2-R612TYQLATGME'	28	19
>FGFR2-R612TYQLARGME'	66	>FGFR2-R612TYQLATGME'	47	19
>FGFR2-R612TYQLARGME'	745	>FGFR2-R612TYQLATGME'	176	569
>FGFR2-R612CTYQLARGM	194	>FGFR2-R612CTYQLATGM	105	89
>FGFR2-R612CTYQLARGM	170	>FGFR2-R612CTYQLATGM	87	83
>FGFR2-R612CTYQLARGM	343	>FGFR2-R612CTYQLATGM	214	129
>FGFR2-R612CTYQLARGM	460	>FGFR2-R612CTYQLATGM	406	54
>FGFR2-R612CTYQLARGM	24	>FGFR2-R612CTYQLATGM	50	26
>FGFR2-R612CTYQLARGM	88	>FGFR2-R612CTYQLATGM	127	39
>FGFR2-R612CTYQLARGM	36	>FGFR2-R612CTYQLATGM	24	12
>FGFR2-R612CTYQLARGM	253	>FGFR2-R612CTYQLATGM	185	68
>FGFR2-R612CTYQLARGM	373	>FGFR2-R612CTYQLATGM	175	198
>FGFR2-R612CTYQLARGM	1290	>FGFR2-R612CTYQLATGM	453	837
>FGFR2-R612CTYQLARGM	46	>FGFR2-R612CTYQLATGM	36	10
>FGFR2-R612CTYQLARGM	482	>FGFR2-R612CTYQLATGM	289	193
>FGFR2-R612CTYQLARGM	225	>FGFR2-R612CTYQLATGM	96	129
>FGFR2-R612CTYQLARGM	16	>FGFR2-R612CTYQLATGM	10	6
>FGFR2-R612CTYQLARGM	8	>FGFR2-R612CTYQLATGM	7	1
>FGFR2-R612CTYQLARGM	1147	>FGFR2-R612CTYQLATGM	453	694
>FGFR2-R612CTYQLARGM	846	>FGFR2-R612CTYQLATGM	160	686
>FGFR2-R612CTYQLARGM	146	>FGFR2-R612CTYQLATGM	27	119
>FGFR2-R612CTYQLARGM	42	>FGFR2-R612CTYQLATGM	18	24
>FGFR2-R612CTYQLARGM	741	>FGFR2-R612CTYQLATGM	479	262
>FGFR2-R612CTYQLARGM	59	>FGFR2-R612CTYQLATGM	51	8
>FGFR2-R612SCTYQLARGM	425	>FGFR2-R612SCTYQLATGM	211	214
>FGFR2-R612VSCTYQLAR	262	>FGFR2-R612VSCTYQLAT	20866	20604
>FGFR2-R612VSCTYQLAR	83	>FGFR2-R612VSCTYQLAT	18894	18811
>FGFR2-R612VSCTYQLARC	20	>FGFR2-R612VSCTYQLATG	13	7
>FGFR2-R612VSCTYQLARC	495	>FGFR2-R612VSCTYQLATG	144	351
>FGFR2-R612LVSCTYQLAR	137	>FGFR2-R612LVSCTYQLAT	29073	28936
>FGFR2-R612LVSCTYQLAR	61	>FGFR2-R612LVSCTYQLAT	17102	17041

>FGFR2-R612LVSCYQLAR	415	>FGFR2-R612LVSCYQLAT	23312	22897
>FGFR2-R612LVSCYQLAR	32	>FGFR2-R612LVSCYQLAT	26870	26838
>FGFR2-R612LVSCYQLAR	374	>FGFR2-R612LVSCYQLAT	26297	25923
>FGFR2-R759RILTLLTNEEY	1780	>FGFR2-R759QILTLLTNEEY	411	1369
>FGFR2-R759RILTLLTNEEY	290	>FGFR2-R759QILTLLTNEEY	142	148
>FGFR2-R759RILTLLTNEEY	381	>FGFR2-R759QILTLLTNEEY	1136	755
>FGFR2-R759RILTLLTNEEY	64	>FGFR2-R759QILTLLTNEEY	651	587
>FGFR2-R759RILTLLTNEEY	31	>FGFR2-R759QILTLLTNEEY	152	121
>FGFR2-R759RILTLLTNEEY	393	>FGFR2-R759QILTLLTNEEY	2029	1636
>FGFR2-R759RILTLLTNEEY	162	>FGFR2-R759QILTLLTNEEY	678	516
>FGFR2-R759RILTLLTNEEY	190	>FGFR2-R759QILTLLTNEEY	2950	2760
>FGFR2-R759RILTLLTNEEY	216	>FGFR2-R759QILTLLTNEEY	1058	842
>FGFR2-R759TFKQLVEDLD	494	>FGFR2-R759TFKQLVEDLD	31300	30806
>FGFR2-R759TFKQLVEDLD	127	>FGFR2-R759TFKQLVEDLD	12974	12847
>FGFR2-R759DLDRILTL	190	>FGFR2-R759DLDQILTL	119	71
>FGFR2-R759DLDRILTL	227	>FGFR2-R759DLDQILTL	112	115
>FGFR2-R759DLDRILTL	483	>FGFR2-R759DLDQILTL	272	211
>FGFR2-R759DLDRILTL	106	>FGFR2-R759DLDQILTL	84	22
>FGFR2-R759EDLDRILTL	264	>FGFR2-R759EDLDQILTL	140	124
>FGFR2-R759VEDLDRIL	26	>FGFR2-R759VEDLDQIL	55	29
>FGFR2-R759VEDLDRIL	89	>FGFR2-R759VEDLDQIL	49	40
>FGFR2-R759VEDLDRILTL	113	>FGFR2-R759VEDLDQILTL	140	27
>FGFR2-R759VEDLDRILTL	637	>FGFR2-R759VEDLDQILTL	211	426
>FGFR2-R759LVEDLDRILTL	146	>FGFR2-R759LVEDLDQILTL	52	94
>FGFR2-R759QLVEDLDRI	461	>FGFR2-R759QLVEDLDQI	434	27
>FGFR2-R759QLVEDLDRI	33	>FGFR2-R759QLVEDLDQI	22	11
>FGFR2-R759QLVEDLDRI	146	>FGFR2-R759QLVEDLDQIL	101	45
>FGFR2-R759QLVEDLDRI	57	>FGFR2-R759QLVEDLDQI	35	22
>FGFR2-R759QLVEDLDRI	49	>FGFR2-R759QLVEDLDQI	31	18
>FGFR2-R759QLVEDLDRI	25	>FGFR2-R759QLVEDLDQI	20	5
>FGFR2-R759QLVEDLDRI	469	>FGFR2-R759QLVEDLDQIL	225	244
>FGFR2-R759QLVEDLDRI	32	>FGFR2-R759QLVEDLDQI	29	3
>FGFR2-R759QLVEDLDRI	244	>FGFR2-R759QLVEDLDQIL	65	179
>FGFR2-R759QLVEDLDRI	632	>FGFR2-R759QLVEDLDQI	225	407
>FGFR2-R759QLVEDLDRI	1956	>FGFR2-R759QLVEDLDQIL	432	1524
>FGFR2-R759QLVEDLDRI	475	>FGFR2-R759QLVEDLDQI	95	380
>FGFR2-R759QLVEDLDRI	60	>FGFR2-R759QLVEDLDQI	43	17
>FGFR2-R759QLVEDLDRI	160	>FGFR2-R759QLVEDLDQIL	25	135
>FGFR2-R759QLVEDLDRI	432	>FGFR2-R759QLVEDLDQI	496	64
>FGFR2-R759KQLVEDLDRI	207	>FGFR2-R759KQLVEDLDQI	151	56
>FGFR2-R759KQLVEDLDRI	650	>FGFR2-R759KQLVEDLDQI	254	396
>FGFR2-R759KQLVEDLDRI	129	>FGFR2-R759KQLVEDLDQI	66	63
>FGFR2-R759KQLVEDLDR	66	>FGFR2-R759KQLVEDLDQ	10413	10347

>FGFR2-R75 $\epsilon$ FKQLVEDLDR	608	>FGFR2-R75 $\epsilon$ FKQLVEDLDC	222	386
>FGFR2-S24F SFSLVEDTTL	86	>FGFR2-S24F FFSLVEDTTL	291	205
>FGFR2-S24F SFSLVEDTTL	1790	>FGFR2-S24F FFSLVEDTTL	392	1398
>FGFR2-S24F SFSLVEDTTL	576	>FGFR2-S24F FFSLVEDTTL	126	450
>FGFR2-S24F PSFLVEDTTL	476	>FGFR2-S24F PFFSLVEDTTL	3988	3512
>FGFR2-S24F TMATLSLARP	10205	>FGFR2-S24F TMATLSLARP	322	9883
>FGFR2-S24F TMATLSLARP	13728	>FGFR2-S24F TMATLSLARP	149	13579
>FGFR2-S24F TMATLSLARP	6416	>FGFR2-S24F TMATLSLARP	36	6380
>FGFR2-S24F TMATLSLARP	18163	>FGFR2-S24F TMATLSLARP	136	18027
>FGFR2-S24F TMATLSLARP	8784	>FGFR2-S24F TMATLSLARP	11	8773
>FGFR2-S24F TMATLSLARP	10103	>FGFR2-S24F TMATLSLARP	119	9984
>FGFR2-S24F LARPSFSL	15148	>FGFR2-S24F LARPFFSL	446	14702
>FGFR2-S24F LARPSFSLV	2427	>FGFR2-S24F LARPFFSLV	102	2325
>FGFR2-S24F LARPSFSLV	114	>FGFR2-S24F LARPFFSLV	156	42
>FGFR2-S24F LARPSFSL	1241	>FGFR2-S24F LARPFFSL	307	934
>FGFR2-S24F LARPSFSLV	236	>FGFR2-S24F LARPFFSLV	92	144
>FGFR2-S24F LARPSFSLV	63	>FGFR2-S24F LARPFFSLV	55	8
>FGFR2-S24F LARPSFSL	44	>FGFR2-S24F LARPFFSL	60	16
>FGFR2-S24F LARPSFSLV	24	>FGFR2-S24F LARPFFSLV	26	2
>FGFR2-S24F LARPSFSL	43	>FGFR2-S24F LARPFFSL	130	87
>FGFR2-S24F LARPSFSL	740	>FGFR2-S24F LARPFFSL	200	540
>FGFR2-S24F LARPSFSL	356	>FGFR2-S24F LARPFFSL	700	344
>FGFR2-S24F LARPSFSL	82	>FGFR2-S24F LARPFFSL	101	19
>FGFR2-S24F LARPSFSLV	113	>FGFR2-S24F LARPFFSLV	183	70
>FGFR2-S24F LARPSFSL	6	>FGFR2-S24F LARPFFSL	21	15
>FGFR2-S24F LARPSFSLV	198	>FGFR2-S24F LARPFFSLV	1322	1124
>FGFR2-S24F LARPSFSLV	350	>FGFR2-S24F LARPFFSLV	202	148
>FGFR2-S24F LARPSFSLV	412	>FGFR2-S24F LARPFFSLV	310	102
>FGFR2-S24F LARPSFSLV	17	>FGFR2-S24F LARPFFSLV	11	6
>FGFR2-S24F LARPSFSL	237	>FGFR2-S24F LARPFFSL	134	103
>FGFR2-S24F SLARPSFSL	26	>FGFR2-S24F SLARPFFSL	22	4
>FGFR2-S24F SLARPSFSLV	167	>FGFR2-S24F SLARPFFSLV	109	58
>FGFR2-S24F SLARPSFSL	769	>FGFR2-S24F SLARPFFSL	254	515
>FGFR2-S24F SLARPSFSL	12	>FGFR2-S24F SLARPFFSL	8	4
>FGFR2-S24F SLARPSFSLV	23	>FGFR2-S24F SLARPFFSLV	23	0
>FGFR2-S24F SLARPSFSL	47	>FGFR2-S24F SLARPFFSL	35	12
>FGFR2-S24F SLARPSFSLV	9	>FGFR2-S24F SLARPFFSLV	10	1
>FGFR2-S24F SLARPSFSL	73	>FGFR2-S24F SLARPFFSL	15	58
>FGFR2-S24F SLARPSFSLV	126	>FGFR2-S24F SLARPFFSLV	59	67
>FGFR2-S24F SLARPSFSL	974	>FGFR2-S24F SLARPFFSL	343	631
>FGFR2-S24F SLARPSFSL	5	>FGFR2-S24F SLARPFFSL	4	1
>FGFR2-S24F SLARPSFSLV	3	>FGFR2-S24F SLARPFFSLV	3	0
>FGFR2-S24F SLARPSFSL	14	>FGFR2-S24F SLARPFFSL	19	5

>FGFR2-S24F SLARPSFSLV	10	>FGFR2-S24F SLARPPFFSLV	11	1
>FGFR2-S24F SLARPSFSL	9	>FGFR2-S24F SLARPPFFSL	9	0
>FGFR2-S24F SLARPSFSLV	6	>FGFR2-S24F SLARPPFFSLV	6	0
>FGFR2-S24F SLARPSFSL	20	>FGFR2-S24F SLARPPFFSL	42	22
>FGFR2-S24F SLARPSFSLV	19	>FGFR2-S24F SLARPPFFSLV	22	3
>FGFR2-S24F SLARPSFS	995	>FGFR2-S24F SLARPPFFS	457	538
>FGFR2-S24F SLARPSFSL	3	>FGFR2-S24F SLARPPFFSL	2	1
>FGFR2-S24F SLARPSFSLV	2	>FGFR2-S24F SLARPPFFSLV	2	0
>FGFR2-S24F SLARPSFSL	250	>FGFR2-S24F SLARPPFFSL	570	320
>FGFR2-S24F SLARPSFSL	206	>FGFR2-S24F SLARPPFFSL	129	77
>FGFR2-S24F SLARPSFSLV	134	>FGFR2-S24F SLARPPFFSLV	110	24
>FGFR2-S24F SLARPSFSL	95	>FGFR2-S24F SLARPPFFSL	62	33
>FGFR2-S24F SLARPSFSLV	60	>FGFR2-S24F SLARPPFFSLV	29	31
>FGFR2-S24F SLARPSFSL	3982	>FGFR2-S24F SLARPPFFSL	325	3657
>FGFR2-S24F SLARPSFSLV	531	>FGFR2-S24F SLARPPFFSLV	106	425
>FGFR2-S24F LSLARPSFSLV	686	>FGFR2-S24F LSLARPPFFSLV	312	374
>FGFR2-S24F LSLARPSFSL	595	>FGFR2-S24F LSLARPPFFSL	342	253
>FGFR2-S24F LSLARPSFSL	1425	>FGFR2-S24F LSLARPPFFSL	358	1067
>FGFR2-S24F LSLARPSFSLV	220	>FGFR2-S24F LSLARPPFFSLV	78	142
>FGFR2-S24F LSLARPSFSLV	1223	>FGFR2-S24F LSLARPPFFSLV	429	794
>FGFR2-S24F LSLARPSFSLV	1094	>FGFR2-S24F LSLARPPFFSLV	297	797
>FGFR2-S24F LSLARPSF	184	>FGFR2-S24F LSLARPPF	888	704
>FGFR2-S24F LSLARPSF	13	>FGFR2-S24F LSLARPPF	41	28
>FGFR2-S24F LSLARPSFSL	220	>FGFR2-S24F LSLARPPFFSL	276	56
>FGFR2-S24F LSLARPSF	4	>FGFR2-S24F LSLARPPF	5	1
>FGFR2-S24F LSLARPSFSL	6	>FGFR2-S24F LSLARPPFFSL	11	5
>FGFR2-S24F LSLARPSFSLV	293	>FGFR2-S24F LSLARPPFFSLV	579	286
>FGFR2-S24F LSLARPSF	373	>FGFR2-S24F LSLARPPF	252	121
>FGFR2-S24F LSLARPSF	45	>FGFR2-S24F LSLARPPF	31	14
>FGFR2-S24F LSLARPSFSL	172	>FGFR2-S24F LSLARPPFFSL	91	81
>FGFR2-S24F LSLARPSF	425	>FGFR2-S24F LSLARPPF	753	328
>FGFR2-S24F LSLARPSFSL	54	>FGFR2-S24F LSLARPPFFSL	151	97
>FGFR2-S24F LSLARPSFSLV	37	>FGFR2-S24F LSLARPPFFSLV	93	56
>FGFR2-S24F LSLARPSFSL	196	>FGFR2-S24F LSLARPPFFSL	196	0
>FGFR2-S24F TSLARPSFSL	315	>FGFR2-S24F TSLARPPFFSL	224	91
>FGFR2-S24F TSLARPSFSL	32	>FGFR2-S24F TSLARPPFFSL	24	8
>FGFR2-S24F TSLARPSFSL	323	>FGFR2-S24F TSLARPPFFSL	291	32
>FGFR2-S24F TSLARPSFSL	707	>FGFR2-S24F TSLARPPFFSL	266	441
>FGFR2-S24F TSLARPSFSL	525	>FGFR2-S24F TSLARPPFFSL	476	49
>FGFR2-S24F TSLARPSFSL	398	>FGFR2-S24F TSLARPPFFSL	531	133
>FGFR2-S24F TSLARPSFSL	213	>FGFR2-S24F TSLARPPFFSL	195	18
>FGFR2-S24F TSLARPSFSL	137	>FGFR2-S24F TSLARPPFFSL	175	38
>FGFR2-S24F TSLARPSFSL	12	>FGFR2-S24F TSLARPPFFSL	11	1

>FGFR2-S24FTLSLARPS	16658	>FGFR2-S24FTLSLARPF	232	16426
>FGFR2-S24FTLSLARPSF	221	>FGFR2-S24FTLSLARPPF	1160	939
>FGFR2-S24FTLSLARPS	24801	>FGFR2-S24FTLSLARPF	472	24329
>FGFR2-S24FTLSLARPSF	329	>FGFR2-S24FTLSLARPPF	810	481
>FGFR2-S24FATLSLARPS	19252	>FGFR2-S24FATLSLARPF	214	19038
>FGFR2-S24FATLSLARPSF	158	>FGFR2-S24FATLSLARPPF	41	117
>FGFR2-S24FATLSLARPS	4164	>FGFR2-S24FATLSLARPF	12	4152
>FGFR2-S24FATLSLARPSF	39	>FGFR2-S24FATLSLARPPF	289	250
>FGFR2-S24FATLSLARPS	17421	>FGFR2-S24FATLSLARPF	306	17115
>FGFR2-S24FATLSLARPSF	397	>FGFR2-S24FATLSLARPPF	1698	1301
>FGFR2-S24FATLSLARPS	13386	>FGFR2-S24FATLSLARPF	25	13361
>FGFR2-S24FATLSLARPSF	32	>FGFR2-S24FATLSLARPPF	77	45
>FGFR2-S24FATLSLARPS	4856	>FGFR2-S24FATLSLARPF	4	4852
>FGFR2-S24FATLSLARPSF	5	>FGFR2-S24FATLSLARPPF	5	0
>FGFR2-S24FATLSLARPSF	1050	>FGFR2-S24FATLSLARPPF	240	810
>FGFR2-S24FATLSLARPS	3562	>FGFR2-S24FATLSLARPF	27	3535
>FGFR2-S24FATLSLARPSF	58	>FGFR2-S24FATLSLARPPF	45	13
>FGFR2-S24FATLSLARPSFS	399	>FGFR2-S24FATLSLARPPFS	2178	1779
>FGFR2-S24FMATLSLARPS	20478	>FGFR2-S24FMATLSLARPF	66	20412
>FGFR2-S24FMATLSLARPS	73	>FGFR2-S24FMATLSLARPF	219	146
>FGFR2-S24FMATLSLARPS	6883	>FGFR2-S24FMATLSLARPF	8	6875
>FGFR2-S24FMATLSLARPS	12	>FGFR2-S24FMATLSLARPF	19	7
>FGFR2-S24FMATLSLARPS	36	>FGFR2-S24FMATLSLARPF	101	65
>FGFR2-S24FMATLSLARPS	75	>FGFR2-S24FMATLSLARPF	65	10
>FGFR2-S24FMATLSLARPS	491	>FGFR2-S24FMATLSLARPF	109	382
>FGFR2-S24FMATLSLARPS	394	>FGFR2-S24FMATLSLARPF	215	179
>FGFR2-S252SPHRPILQAG	197	>FGFR2-S252WPHRPILQA	3722	3525
>FGFR2-S252SPHRPILQA	300	>FGFR2-S252WPHRPILQA	391	91
>FGFR2-S252SPHRPILQAG	68	>FGFR2-S252WPHRPILQA	90	22
>FGFR2-S252SPHRPILQA	465	>FGFR2-S252WPHRPILQA	33	432
>FGFR2-S252RSPHRPIL	5448	>FGFR2-S252RWPHRPIL	226	5222
>FGFR2-S252RSPHRPIL	10977	>FGFR2-S252RWPHRPIL	51	10926
>FGFR2-S252RSPHRPIL	265	>FGFR2-S252RWPHRPIL	26530	26265
>FGFR2-S252RSPHRPIL	278	>FGFR2-S252RWPHRPIL	14298	14020
>FGFR2-S252RSPHRPILQ	15772	>FGFR2-S252RWPHRPILQ	97	15675
>FGFR2-S252RSPHRPIL	33405	>FGFR2-S252RWPHRPIL	226	33179
>FGFR2-S252RSPHRPILQA	29449	>FGFR2-S252RWPHRPILQ/	285	29164
>FGFR2-S252RSPHRPILQA	34775	>FGFR2-S252RWPHRPILQ/	357	34418
>FGFR2-S252RSPHRPIL	273	>FGFR2-S252RWPHRPIL	21233	20960
>FGFR2-S252HTYHLDVVEF	5350	>FGFR2-S252HTYHLDVVEF	44	5306
>FGFR2-S252HTYHLDVVEF	142	>FGFR2-S252HTYHLDVVEF	10663	10521
>FGFR2-S252HTYHLDVVEF	2378	>FGFR2-S252HTYHLDVVEF	4	2374
>FGFR2-S252HTYHLDVVEF	35653	>FGFR2-S252HTYHLDVVEF	448	35205

>FGFR2-S252HTYHLDVVEF	14629	>FGFR2-S252HTYHLDVVEF	32	14597
>FGFR2-S252HTYHLDVVEF	14283	>FGFR2-S252HTYHLDVVEF	10	14273
>FGFR2-S252HTYHLDVVEF	4461	>FGFR2-S252HTYHLDVVEF	283	4178
>FGFR2-S252HTYHLDVVEF	30581	>FGFR2-S252HTYHLDVVEF	77	30504
>FGFR2-S252ERSPHRPI	4527	>FGFR2-S252ERWPHRPI	272	4255
>FGFR2-S252ERSPHRPILQ	5954	>FGFR2-S252ERWPHRPILC	474	5480
>FGFR2-S252ERSPHRPIL	105	>FGFR2-S252ERWPHRPIL	244	139
>FGFR2-S252ERSPHRPI	7538	>FGFR2-S252ERWPHRPI	472	7066
>FGFR2-S252ERSPHRPILQ	3705	>FGFR2-S252ERWPHRPILC	246	3459
>FGFR2-S252ERSPHRPI	7600	>FGFR2-S252ERWPHRPI	333	7267
>FGFR2-S252ERSPHRPIL	469	>FGFR2-S252ERWPHRPIL	67	402
>FGFR2-S252ERSPHRPIL	59	>FGFR2-S252ERWPHRPIL	12	47
>FGFR2-S252VERSHPRPI	319	>FGFR2-S252VERWPHRPI	3092	2773
>FGFR2-S252VERSHPRPIL	386	>FGFR2-S252VERWPHRPIL	2511	2125
>FGFR2-S252VERSHPRPI	2499	>FGFR2-S252VERWPHRPI	427	2072
>FGFR2-S252VERSHPRPI	434	>FGFR2-S252VERWPHRPI	483	49
>FGFR2-S252VERSHPRPIL	539	>FGFR2-S252VERWPHRPIL	304	235
>FGFR2-S252VERSHPRPI	197	>FGFR2-S252VERWPHRPI	238	41
>FGFR2-S252VERSHPRPIL	272	>FGFR2-S252VERWPHRPIL	417	145
>FGFR2-S252VVERSHPRPII	817	>FGFR2-S252VVERWPHRPI	280	537
>FGFR2-S252VVERSHPR	255	>FGFR2-S252VVERWPHR	85	170
>FGFR2-S252DVVERSHP	382	>FGFR2-S252DVVERWPH	452	70
>FGFR2-S252DVVERSHP	338	>FGFR2-S252DVVERWPH	405	67
>FGFR2-S252DVVERSHPRF	365	>FGFR2-S252DVVERWPHR	263	102
>FGFR2-S252DVVERSHPR	41	>FGFR2-S252DVVERWPHR	16	25
>FGFR2-S252DVVERSHPR	28	>FGFR2-S252DVVERWPHR	44	16
>FGFR2-S252DVVERSHPRF	202	>FGFR2-S252DVVERWPHR	201	1
>FGFR2-S252DVVERSHPRF	65	>FGFR2-S252DVVERWPHR	80	15
>FGFR2-S252HLDVVERSPT	699	>FGFR2-S252HLDVVERWP	327	372
>FGFR2-S252HLDVVERSPT	477	>FGFR2-S252HLDVVERWP	223	254
>FGFR2-S252HLDVVERS	22729	>FGFR2-S252HLDVVERW	207	22522
>FGFR2-S252YHLDVVERS	22488	>FGFR2-S252YHLDVVERW	404	22084
>FGFR2-S252YHLDVVERS	31133	>FGFR2-S252YHLDVVERW	94	31039
>FGFR2-S252YHLDVVERS	27116	>FGFR2-S252YHLDVVERW	44	27072
>FGFR2-S252TYHLDVVERS	3683	>FGFR2-S252TYHLDVVERV	21	3662
>FGFR2-S267STVVGGDVEI	337	>FGFR2-S267PTVVGGDVEI	4409	4072
>FGFR2-S267STVVGGDVEI	33	>FGFR2-S267PTVVGGDVEI	2803	2770
>FGFR2-S267STVVGGDVEI	123	>FGFR2-S267PTVVGGDVEI	2904	2781
>FGFR2-S267STVVGGDVEI	79	>FGFR2-S267PTVVGGDVEI	3654	3575
>FGFR2-S267STVVGGDVEI	59	>FGFR2-S267PTVVGGDVEI	352	293
>FGFR2-S267STVVGGDVEI	233	>FGFR2-S267PTVVGGDVEI	931	698
>FGFR2-S267STVVGGDV	303	>FGFR2-S267PTVVGGDV	9349	9046
>FGFR2-S267STVVGGDVEI	27	>FGFR2-S267PTVVGGDVEI	854	827

>FGFR2-S267STVVGGDVEI	82	>FGFR2-S267PTVVGGDVEI	2823	2741
>FGFR2-S267STVVGGDVEI	332	>FGFR2-S267PTVVGGDVEI	9116	8784
>FGFR2-S267STVVGGDVEI	5	>FGFR2-S267PTVVGGDVEI	108	103
>FGFR2-S267STVVGGDVEI	40	>FGFR2-S267PTVVGGDVEI	857	817
>FGFR2-S267STVVGGDVEI	350	>FGFR2-S267PTVVGGDVEI	14646	14296
>FGFR2-S267ASTVVGGDVI	21236	>FGFR2-S267APTVVGGDV	131	21105
>FGFR2-S267ASTVVGGDV	23893	>FGFR2-S267APTVVGGDV	266	23627
>FGFR2-S267ASTVVGGDVI	21096	>FGFR2-S267APTVVGGDV	228	20868
>FGFR2-S267ASTVVGGDVI	340	>FGFR2-S267APTVVGGDV	2248	1908
>FGFR2-S267ASTVVGGDVI	13	>FGFR2-S267APTVVGGDV	13538	13525
>FGFR2-S267ASTVVGGDVI	2477	>FGFR2-S267APTVVGGDV	87	2390
>FGFR2-S267ASTVVGGDVI	20417	>FGFR2-S267APTVVGGDV	396	20021
>FGFR2-S267ASTVVGGDVI	328	>FGFR2-S267APTVVGGDV	5168	4840
>FGFR2-S267ASTVVGGDVI	7161	>FGFR2-S267APTVVGGDV	136	7025
>FGFR2-S267ASTVVGGDVI	13522	>FGFR2-S267APTVVGGDV	91	13431
>FGFR2-S267NASTVVGGD	154	>FGFR2-S267NAPTVVGGD	175	21
>FGFR2-S267LPANASTV	149	>FGFR2-S267LPANAPT	53	96
>FGFR2-S267LPANASTVV	35	>FGFR2-S267LPANAPT	46	11
>FGFR2-S267LPANASTV	45	>FGFR2-S267LPANAPT	157	112
>FGFR2-S267LPANASTVV	25	>FGFR2-S267LPANAPT	59	34
>FGFR2-S267LPANASTV	116	>FGFR2-S267LPANAPT	217	101
>FGFR2-S267LPANASTVV	81	>FGFR2-S267LPANAPT	239	158
>FGFR2-S267LPANASTV	147	>FGFR2-S267LPANAPT	128	19
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>FGFR2-S267LPANASTV	22	>FGFR2-S267LPANAPT	17	5
>FGFR2-S267LPANASTVV	15	>FGFR2-S267LPANAPT	18	3
>FGFR2-S267LPANASTVV	319	>FGFR2-S267LPANAPT	14089	13770
>FGFR2-S267GLPANASTV	670	>FGFR2-S267GLPANAPT	90	580
>FGFR2-S267GLPANASTV\	665	>FGFR2-S267GLPANAPT	362	303
>FGFR2-S267GLPANASTV	141	>FGFR2-S267GLPANAPT	325	184
>FGFR2-S267GLPANASTV\	112	>FGFR2-S267GLPANAPT	96	16
>FGFR2-S267GLPANASTV	7	>FGFR2-S267GLPANAPT	19	12
>FGFR2-S267GLPANASTV\	64	>FGFR2-S267GLPANAPT	35	29
>FGFR2-S267GLPANASTV	214	>FGFR2-S267GLPANAPT	61	153
>FGFR2-S267GLPANASTV	4	>FGFR2-S267GLPANAPT	3	1
>FGFR2-S267GLPANASTV\	9	>FGFR2-S267GLPANAPT	6	3
>FGFR2-S267GLPANASTV	4	>FGFR2-S267GLPANAPT	6	2
>FGFR2-S267GLPANASTV\	9	>FGFR2-S267GLPANAPT	11	2
>FGFR2-S267GLPANASTV	8	>FGFR2-S267GLPANAPT	5	3
>FGFR2-S267GLPANASTV\	9	>FGFR2-S267GLPANAPT	7	2
>FGFR2-S267GLPANASTV	37	>FGFR2-S267GLPANAPT	11	26
>FGFR2-S267GLPANASTV\	77	>FGFR2-S267GLPANAPT	61	16



>FGFR2-S267GLPANAST	145	>FGFR2-S267GLPANAPT	251	106
>FGFR2-S267GLPANASTV	2	>FGFR2-S267GLPANAPTV	3	1
>FGFR2-S267GLPANASTV\	4	>FGFR2-S267GLPANAPTV\	6	2
>FGFR2-S267AGLPANAST\	1224	>FGFR2-S267AGLPANAPT\	315	909
>FGFR2-S267AGLPANASTV	727	>FGFR2-S267AGLPANAPTV	450	277
>FGFR2-S267QAGLPANAS`	448	>FGFR2-S267QAGLPANAP`	118	330
>FGFR2-S267LQAGLPANA!	365	>FGFR2-S267LQAGLPANA!	217	148
>FGFR2-S372SPDYLEIAI	337	>FGFR2-S372CPDYLEIAI	155	182
>FGFR2-S372SPDYLEIAIY	96	>FGFR2-S372CPDYLEIAIY	557	461
>FGFR2-S372SPDYLEIAI	311	>FGFR2-S372CPDYLEIAI	100	211
>FGFR2-S372SPDYLEIAIY	384	>FGFR2-S372CPDYLEIAIY	415	31
>FGFR2-S372SPDYLEIA	1977	>FGFR2-S372CPDYLEIA	130	1847
>FGFR2-S372SPDYLEIAI	3890	>FGFR2-S372CPDYLEIAI	338	3552
>FGFR2-S372SPDYLEIAIY	447	>FGFR2-S372CPDYLEIAIY	909	462
>FGFR2-S372SPDYLEIAIY	158	>FGFR2-S372CPDYLEIAIY	332	174
>FGFR2-S372ASPDYLEIAIY	40	>FGFR2-S372ACPDYLEIAIY	233	193
>FGFR2-S372ASPDYLEIAIY	249	>FGFR2-S372ACPDYLEIAIY	2249	2000
>FGFR2-S372ASPDYLEIAIY	112	>FGFR2-S372ACPDYLEIAIY	18545	18433
>FGFR2-S372ASPDYLEI	293	>FGFR2-S372ACPDYLEI	23700	23407
>FGFR2-S372ASPDYLEIA	74	>FGFR2-S372ACPDYLEIA	8412	8338
>FGFR2-S372ASPDYLEIAI	17	>FGFR2-S372ACPDYLEIAI	2292	2275
>FGFR2-S372ASPDYLEIAIY	16	>FGFR2-S372ACPDYLEIAIY	2490	2474
>FGFR2-S372ASPDYLEI	124	>FGFR2-S372ACPDYLEI	2993	2869
>FGFR2-S372TASPDYLEI	359	>FGFR2-S372TACPDYLEI	2223	1864
>FGFR2-S372TASPDYLEIAI	365	>FGFR2-S372TACPDYLEIAI	2001	1636
>FGFR2-S372TASPDYLEI	154	>FGFR2-S372TACPDYLEI	87	67
>FGFR2-S372TASPDYLEIAI	290	>FGFR2-S372TACPDYLEIAI	158	132
>FGFR2-S372ITASPDYL	57	>FGFR2-S372ITACPDYL	86	29
>FGFR2-S372ITASPDYLEI	435	>FGFR2-S372ITACPDYLEI	1007	572
>FGFR2-S372ITASPDYLEI	560	>FGFR2-S372ITACPDYLEI	489	71
>FGFR2-S372ITASPDYL	405	>FGFR2-S372ITACPDYL	390	15
>FGFR2-S372ITASPDYL	23	>FGFR2-S372ITACPDYL	13	10
>FGFR2-S372ITASPDYLEI	396	>FGFR2-S372ITACPDYLEI	651	255
>FGFR2-S372ITASPDYLEIA	98	>FGFR2-S372ITACPDYLEIA	48	50
>FGFR2-S372ITASPDYL	30	>FGFR2-S372ITACPDYL	59	29
>FGFR2-S372ITASPDYLEI	51	>FGFR2-S372ITACPDYLEI	67	16
>FGFR2-S372ITASPDYL	308	>FGFR2-S372ITACPDYL	1263	955
>FGFR2-S372ITASPDYLEI	103	>FGFR2-S372ITACPDYLEI	367	264
>FGFR2-S372ITASPDYL	53	>FGFR2-S372ITACPDYL	327	274
>FGFR2-S372ITASPDYLEI	170	>FGFR2-S372ITACPDYLEI	750	580
>FGFR2-S372ITASPDYLEIA	381	>FGFR2-S372ITACPDYLEIA	763	382
>FGFR2-S372ITASPDYL	318	>FGFR2-S372ITACPDYL	395	77
>FGFR2-S372ITASPDYLEI	52	>FGFR2-S372ITACPDYLEI	45	7

>FGFR2-S372 EITASPDY	45	>FGFR2-S372 EITACPDY	76	31
>FGFR2-S372 EITASPDYL	270	>FGFR2-S372 EITACPDYL	491	221
>FGFR2-S372 EITASPDY	990	>FGFR2-S372 EITACPDY	467	523
>FGFR2-S372 EITASPDYL	28	>FGFR2-S372 EITACPDYL	17	11
>FGFR2-S372 EITASPDYLEI	65	>FGFR2-S372 EITACPDYLEI	42	23
>FGFR2-S372 EITASPDYL	309	>FGFR2-S372 EITACPDYL	1293	984
>FGFR2-S372 EITASPDYLEI	195	>FGFR2-S372 EITACPDYLEI	456	261
>FGFR2-S372 KEITASPDYL	476	>FGFR2-S372 KEITACPDYL	335	141
>FGFR2-S372 KEITASPDY	320	>FGFR2-S372 KEITACPDY	278	42
>FGFR2-S372 KEITASPDY	121	>FGFR2-S372 KEITACPDY	183	62
>FGFR2-S372 KEITASPDY	361	>FGFR2-S372 KEITACPDY	468	107
>FGFR2-S372 KEITASPDYL	388	>FGFR2-S372 KEITACPDYL	418	30
>FGFR2-S372 KEITASPDYL	167	>FGFR2-S372 KEITACPDYL	209	42
>FGFR2-S372 KEITASPDY	129	>FGFR2-S372 KEITACPDY	307	178
>FGFR2-S372 KEITASPDYL	966	>FGFR2-S372 KEITACPDYL	352	614
>FGFR2-S372 KEITASPDY	59	>FGFR2-S372 KEITACPDY	94	35
>FGFR2-S372 KEITASPDYL	692	>FGFR2-S372 KEITACPDYL	223	469
>FGFR2-S372 KEITASPDY	119	>FGFR2-S372 KEITACPDY	168	49
>FGFR2-S372 KEITASPDYL	18	>FGFR2-S372 KEITACPDYL	91	73
>FGFR2-S372 REKEITASPDY	249	>FGFR2-S372 REKEITACPDY	458	209
>FGFR2-S372 REKEITASPDY	203	>FGFR2-S372 REKEITACPDY	317	114
>FGFR2-S372 REKEITASPDY	257	>FGFR2-S372 REKEITACPDY	338	81
>FGFR2-S372 REKEITAS	267	>FGFR2-S372 REKEITAC	335	68
>FGFR2-S372 REKEITASPDY	358	>FGFR2-S372 REKEITACPDY	478	120
>FGFR2-S372 REKEITASPDY	174	>FGFR2-S372 REKEITACPDY	218	44
>FGFR2-S372 REKEITAS	383	>FGFR2-S372 REKEITAC	467	84
>FGFR2-S372 REKEITASP	149	>FGFR2-S372 REKEITACP	404	255
>FGFR2-S372 REKEITASPDY	121	>FGFR2-S372 REKEITACPDY	165	44
>FGFR2-S688 SFGVLMWEI	1112	>FGFR2-S688 FFGVLMWEI	50	1062
>FGFR2-S688 SFGVLMWEI	563	>FGFR2-S688 FFGVLMWEI	117	446
>FGFR2-S688 SFGVLMWEI	17	>FGFR2-S688 FFGVLMWEI	10	7
>FGFR2-S688 SFGVLMWEIIF	40	>FGFR2-S688 FFGVLMWEIIF	22	18
>FGFR2-S688 SFGVLMWEIIF	616	>FGFR2-S688 FFGVLMWEIIF	321	295
>FGFR2-S688 SFGVLMWEI	486	>FGFR2-S688 FFGVLMWEI	2016	1530
>FGFR2-S688 SFGVLMWEIIF	45	>FGFR2-S688 FFGVLMWEIIF	66	21
>FGFR2-S688 WSFGVLMW	169	>FGFR2-S688 WFFGVLMW	752	583
>FGFR2-S688 WSFGVLMW	121	>FGFR2-S688 WFFGVLMW	88	33
>FGFR2-S688 WSFGVLMW	1364	>FGFR2-S688 WFFGVLMW	405	959
>FGFR2-S688 WSFGVLMW	4456	>FGFR2-S688 WFFGVLMW	123	4333
>FGFR2-S688 WSFGVLMW	584	>FGFR2-S688 WFFGVLMW	27	557
>FGFR2-S688 WSFGVLMW	3318	>FGFR2-S688 WFFGVLMW	396	2922
>FGFR2-S688 WSFGVLMW	2415	>FGFR2-S688 WFFGVLMW	13	2402
>FGFR2-S688 WSFGVLMW	664	>FGFR2-S688 WFFGVLMW	6	658

>FGFR2-S688 WSFGVLMW	609	>FGFR2-S688 WFFGVLMW	9	600
>FGFR2-S688 WSFGVLMW	3781	>FGFR2-S688 WFFGVLMW	394	3387
>FGFR2-S688 WSFGVLMW	2030	>FGFR2-S688 WFFGVLMW	184	1846
>FGFR2-S688 WSFGVLMW	158	>FGFR2-S688 WFFGVLMW	3774	3616
>FGFR2-S688 WSFGVLMW	130	>FGFR2-S688 WFFGVLMW	2258	2128
>FGFR2-S688 WSFGVLMW	221	>FGFR2-S688 WFFGVLMW	2121	1900
>FGFR2-S688 WSFGVLMW	1959	>FGFR2-S688 WFFGVLMW	239	1720
>FGFR2-S688 WSFGVLMW	35	>FGFR2-S688 WFFGVLMW	629	594
>FGFR2-S688 WSFGVLMW	5	>FGFR2-S688 WFFGVLMW	4164	4159
>FGFR2-S688 WSFGVLMW	74	>FGFR2-S688 WFFGVLMW	25766	25692
>FGFR2-S688 WSFGVLMW	19	>FGFR2-S688 WFFGVLMW	21841	21822
>FGFR2-S688 WSFGVLMW	306	>FGFR2-S688 WFFGVLMW	489	183
>FGFR2-S688 WSFGVLMW	31	>FGFR2-S688 WFFGVLMW	6947	6916
>FGFR2-S688 WSFGVLMW	136	>FGFR2-S688 WFFGVLMW	20767	20631
>FGFR2-S688 WSFGVLMW	10	>FGFR2-S688 WFFGVLMW	141	131
>FGFR2-S688 WSFGVLMW	105	>FGFR2-S688 WFFGVLMW	10648	10543
>FGFR2-S688 WSFGVLMW	41	>FGFR2-S688 WFFGVLMW	7275	7234
>FGFR2-S688 WSFGVLMW	385	>FGFR2-S688 WFFGVLMW	9077	8692
>FGFR2-S688 WSFGVLMW	165	>FGFR2-S688 WFFGVLMW	4066	3901
>FGFR2-S688 WSFGVLMW	376	>FGFR2-S688 WFFGVLMW	19498	19122
>FGFR2-S688 WSFGVLMW	4	>FGFR2-S688 WFFGVLMW	43	39
>FGFR2-S688 WSFGVLMW	129	>FGFR2-S688 WFFGVLMW	652	523
>FGFR2-S688 WSFGVLMW	63	>FGFR2-S688 WFFGVLMW	442	379
>FGFR2-S688 WSFGVLMW	99	>FGFR2-S688 WFFGVLMW	1539	1440
>FGFR2-S688 WSFGVLMW	475	>FGFR2-S688 WFFGVLMW	8612	8137
>FGFR2-S688 WSFGVLMW	10583	>FGFR2-S688 WFFGVLMW	325	10258
>FGFR2-S688 RYVYTHQSDV\	10881	>FGFR2-S688 RYVYTHQSDV\	105	10776
>FGFR2-S688 RYVYTHQSDV\	7566	>FGFR2-S688 RYVYTHQSDV\	46	7520
>FGFR2-S688 RYVYTHQSDV\	17532	>FGFR2-S688 RYVYTHQSDV\	252	17280
>FGFR2-S688 RYVYTHQSDV\	10591	>FGFR2-S688 RYVYTHQSDV\	37	10554
>FGFR2-S688 RYVYTHQSDV\	5726	>FGFR2-S688 RYVYTHQSDV\	7	5719
>FGFR2-S688 RYVYTHQSDV\	19346	>FGFR2-S688 RYVYTHQSDV\	141	19205
>FGFR2-S688 RYVYTHQSDV\	11973	>FGFR2-S688 RYVYTHQSDV\	141	11832
>FGFR2-S688 VWSFGVLMV	1239	>FGFR2-S688 VWFFGVLMV	498	741
>FGFR2-S688 VWSFGVLMV	1241	>FGFR2-S688 VWFFGVLMV	185	1056
>FGFR2-S688 VWSFGVLMV	341	>FGFR2-S688 VWFFGVLMV	64	277
>FGFR2-S688 VWSFGVLMV	302	>FGFR2-S688 VWFFGVLMV	324	22
>FGFR2-S688 VWSFGVLMV	224	>FGFR2-S688 VWFFGVLMV	244	20
>FGFR2-S688 VWSFGVLMV	167	>FGFR2-S688 VWFFGVLMV	96	71
>FGFR2-S688 VWSFGVLMV	59	>FGFR2-S688 VWFFGVLMV	29	30
>FGFR2-S688 VWSFGVLM	232	>FGFR2-S688 VWFFGVLM	85	147
>FGFR2-S688 VWSFGVLMV	369	>FGFR2-S688 VWFFGVLMV	128	241
>FGFR2-S688 VWSFGVLMV	115	>FGFR2-S688 VWFFGVLMV	54	61

>FGFR2-S688 DVWSFGVL	523	>FGFR2-S688 DVWFFGVL	208	315
>FGFR2-S688 DVWSFGVL	96	>FGFR2-S688 DVWFFGVL	86	10
>FGFR2-S688 DVWSFGVLM	41	>FGFR2-S688 DVWFFGVL	53	12
>FGFR2-S688 DVWSFGVLM	301	>FGFR2-S688 DVWFFGVL	447	146
>FGFR2-S688 DVWSFGVLM	342	>FGFR2-S688 DVWFFGVL	905	563
>FGFR2-S688 SDVWSFGV	494	>FGFR2-S688 SDVWFFGV	120	374
>FGFR2-S688 SDVWSFGV	565	>FGFR2-S688 SDVWFFGV	182	383
>FGFR2-S688 SDVWSFGVLI	2386	>FGFR2-S688 SDVWFFGVLI	476	1910
>FGFR2-S688 SDVWSFGVLI	727	>FGFR2-S688 SDVWFFGVLI	420	307
>FGFR2-S688 SDVWSFGV	117	>FGFR2-S688 SDVWFFGV	137	20
>FGFR2-S688 SDVWSFGVL	271	>FGFR2-S688 SDVWFFGVL	504	233
>FGFR2-S688 QSDVWSFGV	856	>FGFR2-S688 QSDVWFFGV	412	444
>FGFR2-S688 QSDVWSFGV	162	>FGFR2-S688 QSDVWFFGV	113	49
>FGFR2-S688 QSDVWSFGV	380	>FGFR2-S688 QSDVWFFGV	320	60
>FGFR2-S688 QSDVWSFGV	83	>FGFR2-S688 QSDVWFFGV	15	68
>FGFR2-S688 QSDVWSFGV	380	>FGFR2-S688 QSDVWFFGV	182	198
>FGFR2-S688 QSDVWSFGV	8	>FGFR2-S688 QSDVWFFGV	6	2
>FGFR2-S688 QSDVWSFGV	723	>FGFR2-S688 QSDVWFFGV	383	340
>FGFR2-S688 QSDVWSFGV	263	>FGFR2-S688 QSDVWFFGV	1489	1226
>FGFR2-S688 QSDVWSFGV	118	>FGFR2-S688 QSDVWFFGV	347	229
>FGFR2-S688 QSDVWSFGV	477	>FGFR2-S688 QSDVWFFGV	266	211
>FGFR2-S688 QSDVWSFGV	192	>FGFR2-S688 QSDVWFFGV	190	2
>FGFR2-S688 QSDVWSFGV	283	>FGFR2-S688 QSDVWFFGV	964	681
>FGFR2-S688 HQSDVWSFC	261	>FGFR2-S688 HQSDVWFFG	96	165
>FGFR2-S688 HQSDVWSFC	137	>FGFR2-S688 HQSDVWFFG	90	47
>FGFR2-S688 HQSDVWSFC	462	>FGFR2-S688 HQSDVWFFG	214	248
>FGFR2-S688 HQSDVWSFC	771	>FGFR2-S688 HQSDVWFFG	375	396
>FGFR2-S688 HQSDVWSF	29	>FGFR2-S688 HQSDVWFF	15	14
>FGFR2-S688 HQSDVWSFC	315	>FGFR2-S688 HQSDVWFFG	49	266
>FGFR2-S688 HQSDVWSFC	93	>FGFR2-S688 HQSDVWFFG	51	42
>FGFR2-S688 HQSDVWSFC	67	>FGFR2-S688 HQSDVWFFG	33	34
>FGFR2-S688 HQSDVWSFC	25	>FGFR2-S688 HQSDVWFFG	17	8
>FGFR2-S688 HQSDVWSFC	36	>FGFR2-S688 HQSDVWFFG	19	17
>FGFR2-S688 HQSDVWSFC	29	>FGFR2-S688 HQSDVWFFG	19	10
>FGFR2-S688 HQSDVWSFC	109	>FGFR2-S688 HQSDVWFFG	53	56
>FGFR2-S688 HQSDVWSFC	107	>FGFR2-S688 HQSDVWFFG	71	36
>FGFR2-S688 HQSDVWSFC	450	>FGFR2-S688 HQSDVWFFG	185	265
>FGFR2-S688 HQSDVWSF	50	>FGFR2-S688 HQSDVWFF	99	49
>FGFR2-S688 HQSDVWSFC	150	>FGFR2-S688 HQSDVWFFG	257	107
>FGFR2-S688 HQSDVWSF	9	>FGFR2-S688 HQSDVWFF	25	16
>FGFR2-S688 HQSDVWSFC	365	>FGFR2-S688 HQSDVWFFG	645	280
>FGFR2-S688 HQSDVWSF	363	>FGFR2-S688 HQSDVWFF	678	315
>FGFR2-S688 HQSDVWSF	168	>FGFR2-S688 HQSDVWFF	702	534

>FGFR2-S688 HQSDVWSFG	241	>FGFR2-S688 HQSDVWFFG	297	56
>FGFR2-S688 HQSDVWSFG	17	>FGFR2-S688 HQSDVWFFG	16	1
>FGFR2-S688 HQSDVWSFG	110	>FGFR2-S688 HQSDVWFFG	69	41
>FGFR2-S688 THQSDVWS	29673	>FGFR2-S688 THQSDVWF	442	29231
>FGFR2-S688 THQSDVWSF	166	>FGFR2-S688 THQSDVWFF	112	54
>FGFR2-S688 THQSDVWSF	575	>FGFR2-S688 THQSDVWFF	214	361
>FGFR2-S688 THQSDVWSF	79	>FGFR2-S688 THQSDVWFF	52	27
>FGFR2-S688 THQSDVWSF	127	>FGFR2-S688 THQSDVWFF	434	307
>FGFR2-S688 THQSDVWSF	150	>FGFR2-S688 THQSDVWFF	1279	1129
>FGFR2-S688 THQSDVWSF	284	>FGFR2-S688 THQSDVWFF	638	354
>FGFR2-S688 YTHQSDVWS	18696	>FGFR2-S688 YTHQSDVWF	152	18544
>FGFR2-S688 YTHQSDVWS	31	>FGFR2-S688 YTHQSDVWF	24	7
>FGFR2-S688 YTHQSDVWS	470	>FGFR2-S688 YTHQSDVWF	5720	5250
>FGFR2-S688 YTHQSDVWS	7229	>FGFR2-S688 YTHQSDVWF	27	7202
>FGFR2-S688 YTHQSDVWS	20	>FGFR2-S688 YTHQSDVWF	8	12
>FGFR2-S688 YTHQSDVWS	10014	>FGFR2-S688 YTHQSDVWF	166	9848
>FGFR2-S688 YTHQSDVWS	125	>FGFR2-S688 YTHQSDVWF	126	1
>FGFR2-S688 YTHQSDVWS	1036	>FGFR2-S688 YTHQSDVWF	151	885
>FGFR2-S688 YTHQSDVWS	389	>FGFR2-S688 YTHQSDVWF	2994	2605
>FGFR2-S688 YTHQSDVWS	17004	>FGFR2-S688 YTHQSDVWF	197	16807
>FGFR2-S688 YTHQSDVWS	61	>FGFR2-S688 YTHQSDVWF	200	139
>FGFR2-S688 YTHQSDVWS	19333	>FGFR2-S688 YTHQSDVWF	86	19247
>FGFR2-S688 YTHQSDVWS	16	>FGFR2-S688 YTHQSDVWF	42	26
>FGFR2-S688 YTHQSDVWS	724	>FGFR2-S688 YTHQSDVWF	3	721
>FGFR2-S688 YTHQSDVWS	3	>FGFR2-S688 YTHQSDVWF	4	1
>FGFR2-S688 YTHQSDVWS	14014	>FGFR2-S688 YTHQSDVWF	287	13727
>FGFR2-S688 YTHQSDVWS	231	>FGFR2-S688 YTHQSDVWF	205	26
>FGFR2-S688 YTHQSDVWS	108	>FGFR2-S688 YTHQSDVWF	97	11
>FGFR2-S688 YTHQSDVWS	7423	>FGFR2-S688 YTHQSDVWF	283	7140
>FGFR2-S688 YTHQSDVWS	221	>FGFR2-S688 YTHQSDVWF	60	161
>FGFR2-S688 YTHQSDVWS	5613	>FGFR2-S688 YTHQSDVWF	30	5583
>FGFR2-S688 YTHQSDVWS	55	>FGFR2-S688 YTHQSDVWF	39	16
>FGFR2-S688 VYTHQSDVW	30183	>FGFR2-S688 VYTHQSDVW	304	29879
>FGFR2-S688 VYTHQSDVW	111	>FGFR2-S688 VYTHQSDVW	100	11
>FGFR2-S688 VYTHQSDVW	21529	>FGFR2-S688 VYTHQSDVW	113	21416
>FGFR2-S688 VYTHQSDVW	93	>FGFR2-S688 VYTHQSDVW	53	40
>FGFR2-S688 VYTHQSDVW	4503	>FGFR2-S688 VYTHQSDVW	7	4496
>FGFR2-S688 VYTHQSDVW	7	>FGFR2-S688 VYTHQSDVW	6	1
>FGFR2-S688 VYTHQSDVW	17176	>FGFR2-S688 VYTHQSDVW	305	16871
>FGFR2-T37C TASPDPYLEI	3019	>FGFR2-T37C RASPDYLEI	433	2586
>FGFR2-T37C TASPDPYLEI	359	>FGFR2-T37C RASPDYLEI	10807	10448
>FGFR2-T37C TASPDPYLEIAI	365	>FGFR2-T37C RASPDYLEIAI	9192	8827
>FGFR2-T37C TASPDPYLEI	3546	>FGFR2-T37C RASPDYLEI	57	3489

>FGFR2-T37C TASP DYLEIAI	5818	>FGFR2-T37C RASPDYLEIAI	184	5634
>FGFR2-T37C TASP DYLEI	1099	>FGFR2-T37C RASPDYLEI	25	1074
>FGFR2-T37C TASP DYLEIAI	5086	>FGFR2-T37C RASPDYLEIAI	141	4945
>FGFR2-T37C TASP DYLEI	154	>FGFR2-T37C RASPDYLEI	35	119
>FGFR2-T37C TASP DYLEIAI	290	>FGFR2-T37C RASPDYLEIAI	57	233
>FGFR2-T37C ITASP DYL	57	>FGFR2-T37C IRASPDYL	5335	5278
>FGFR2-T37C ITASP DYLEI	435	>FGFR2-T37C IRASPDYLEI	10068	9633
>FGFR2-T37C ITASP DYL	405	>FGFR2-T37C IRASPDYL	14679	14274
>FGFR2-T37C ITASP DYL	23	>FGFR2-T37C IRASPDYL	13592	13569
>FGFR2-T37C ITASP DYLEI	396	>FGFR2-T37C IRASPDYLEI	23633	23237
>FGFR2-T37C ITASP DYLEIA	98	>FGFR2-T37C IRASPDYLEIA	17389	17291
>FGFR2-T37C ITASP DYL	2678	>FGFR2-T37C IRASPDYL	364	2314
>FGFR2-T37C ITASP DYLEI	1474	>FGFR2-T37C IRASPDYLEI	218	1256
>FGFR2-T37C ITASP DYL	30	>FGFR2-T37C IRASPDYL	24626	24596
>FGFR2-T37C ITASP DYLEI	51	>FGFR2-T37C IRASPDYLEI	24742	24691
>FGFR2-T37C ITASP DYL	308	>FGFR2-T37C IRASPDYL	19927	19619
>FGFR2-T37C ITASP DYLEI	103	>FGFR2-T37C IRASPDYLEI	18670	18567
>FGFR2-T37C ITASP DYL	53	>FGFR2-T37C IRASPDYL	28798	28745
>FGFR2-T37C ITASP DYLEI	170	>FGFR2-T37C IRASPDYLEI	30795	30625
>FGFR2-T37C ITASP DYLEIA	381	>FGFR2-T37C IRASPDYLEIA	19370	18989
>FGFR2-T37C ITASP DYL	318	>FGFR2-T37C IRASPDYL	13782	13464
>FGFR2-T37C ITASP DYLEI	52	>FGFR2-T37C IRASPDYLEI	2811	2759
>FGFR2-T37C EITASP DY	45	>FGFR2-T37C EIRASPDY	75	30
>FGFR2-T37C EITASP DYL	270	>FGFR2-T37C EIRASPDYL	596	326
>FGFR2-T37C EITASP DY	959	>FGFR2-T37C EIRASPDY	140	819
>FGFR2-T37C EITASP DYL	28	>FGFR2-T37C EIRASPDYL	1173	1145
>FGFR2-T37C EITASP DYLEI	65	>FGFR2-T37C EIRASPDYLEI	2606	2541
>FGFR2-T37C EITASP DYL	309	>FGFR2-T37C EIRASPDYL	2761	2452
>FGFR2-T37C EITASP DYLEI	195	>FGFR2-T37C EIRASPDYLEI	1276	1081
>FGFR2-T37C KEITASP DYL	476	>FGFR2-T37C KEIRASPDYL	973	497
>FGFR2-T37C KEITASP DY	320	>FGFR2-T37C KEIRASPDY	662	342
>FGFR2-T37C KEITASP DY	636	>FGFR2-T37C KEIRASPDY	436	200
>FGFR2-T37C KEITASP DY	121	>FGFR2-T37C KEIRASPDY	119	2
>FGFR2-T37C KEITASP DY	361	>FGFR2-T37C KEIRASPDY	695	334
>FGFR2-T37C KEITASP DYL	388	>FGFR2-T37C KEIRASPDYL	476	88
>FGFR2-T37C KEITASP DYL	167	>FGFR2-T37C KEIRASPDYL	130	37
>FGFR2-T37C KEITASP DY	129	>FGFR2-T37C KEIRASPDY	164	35
>FGFR2-T37C KEITASP DY	59	>FGFR2-T37C KEIRASPDY	50	9
>FGFR2-T37C KEITASP DY	119	>FGFR2-T37C KEIRASPDY	627	508
>FGFR2-T37C KEITASP DYL	18	>FGFR2-T37C KEIRASPDYL	21	3
>FGFR2-T37C REKEITASP DY	508	>FGFR2-T37C REKEIRASPDY	456	52
>FGFR2-T37C REKEITASP DY	249	>FGFR2-T37C REKEIRASPDY	350	101
>FGFR2-T37C REKEITASP DY	203	>FGFR2-T37C REKEIRASPDY	225	22

>FGFR2-T37C REKEITASPD\	257	>FGFR2-T37C REKEIRASPD\	230	27
>FGFR2-T37C REKEITAS	267	>FGFR2-T37C REKEIRAS	392	125
>FGFR2-T37C REKEITASPD\	358	>FGFR2-T37C REKEIRASPD\	723	365
>FGFR2-T37C REKEITASPD\	174	>FGFR2-T37C REKEIRASPD\	304	130
>FGFR2-T37C REKEITAS	383	>FGFR2-T37C REKEIRAS	479	96
>FGFR2-T37C REKEITASP	149	>FGFR2-T37C REKEIRASP	399	250
>FGFR2-T37C REKEITASPD\	121	>FGFR2-T37C REKEIRASPD\	280	159
>FGFR2-V24\xVVERSPhR	255	>FGFR2-V24\xDVERSPhR	3981	3726
>FGFR2-V24\xVVERSPhR	3437	>FGFR2-V24\xDVERSPhR	146	3291
>FGFR2-V24\xVVERSPhR	668	>FGFR2-V24\xDVERSPhR	70	598
>FGFR2-V24\xDVVERSPh	382	>FGFR2-V24\xDDVERSPh	17564	17182
>FGFR2-V24\xDVVERSPh	338	>FGFR2-V24\xDDVERSPh	26329	25991
>FGFR2-V24\xDVVERSPhRF	365	>FGFR2-V24\xDDVERSPhRF	24595	24230
>FGFR2-V24\xDVVERSPhR	41	>FGFR2-V24\xDDVERSPhR	3638	3597
>FGFR2-V24\xDVVERSPhR	28	>FGFR2-V24\xDDVERSPhR	1701	1673
>FGFR2-V24\xDVVERSPhRF	202	>FGFR2-V24\xDDVERSPhRF	14570	14368
>FGFR2-V24\xDVVERSPhRF	65	>FGFR2-V24\xDDVERSPhRF	7744	7679
>FGFR2-V24\xHLDVVERSPh	477	>FGFR2-V24\xHLDDVERSPh	497	20
>FGFR2-V24\xTYHLDVVER	173	>FGFR2-V24\xTYHLDDVER	527	354
>FGFR2-V24\xTYHLDVVER	277	>FGFR2-V24\xTYHLDDVER	335	58
>FGFR2-V24\xTYHLDVVER	288	>FGFR2-V24\xTYHLDDVER	232	56
>FGFR2-V24\xTYHLDVVER	78	>FGFR2-V24\xTYHLDDVER	62	16
>FGFR2-V24\xHTYHLDVV	266	>FGFR2-V24\xHTYHLDDV	506	240
>FGFR2-V24\xHTYHLDVV	342	>FGFR2-V24\xHTYHLDDV	1050	708
>FGFR2-V24\xHTYHLDVV	192	>FGFR2-V24\xHTYHLDDV	923	731
>FGFR2-V24\xHTYHLDVV	359	>FGFR2-V24\xHTYHLDDV	632	273
>FGFR2-V24\xHTYHLDVVEF	398	>FGFR2-V24\xHTYHLDDVEF	738	340
>FGFR2-V24\xHTYHLDVVEF	104	>FGFR2-V24\xHTYHLDDVEF	294	190
>FGFR2-V24\xHTYHLDVVEF	389	>FGFR2-V24\xHTYHLDDVEF	741	352
>FGFR2-V24\xHTYHLDVVEF	5	>FGFR2-V24\xHTYHLDDVEF	5	0
>FGFR2-V24\xHTYHLDVV	13	>FGFR2-V24\xHTYHLDDV	26	13
>FGFR2-V24\xHTYHLDVVEF	142	>FGFR2-V24\xHTYHLDDVEF	377	235
>FGFR2-V24\xHTYHLDVV	99	>FGFR2-V24\xHTYHLDDV	208	109
>FGFR2-V24\xHTYHLDVV	326	>FGFR2-V24\xHTYHLDDV	1093	767
>FGFR2-V24\xHTYHLDVVEF	52	>FGFR2-V24\xHTYHLDDVEF	80	28
>FGFR2-V24\xSINH TYHL DV	64	>FGFR2-V24\xSINH TYHL DD	152	88
>FGFR2-V24\xSINH TYHL DV	294	>FGFR2-V24\xSINH TYHL DD	27155	26861
>FGFR2-V24\xSINH TYHL DV	15	>FGFR2-V24\xSINH TYHL DD	22	7
>FGFR2-V24\xSINH TYHL DV	120	>FGFR2-V24\xSINH TYHL DD	340	220
>FGFR2-V24\xSINH TYHL DV	98	>FGFR2-V24\xSINH TYHL DD	28462	28364
>FGFR2-V24\xSINH TYHL DV	39	>FGFR2-V24\xSINH TYHL DD	176	137
>FGFR2-V24\xSINH TYHL DV	116	>FGFR2-V24\xSINH TYHL DD	381	265
>FGFR2-V24\xSINH TYHL DV	98	>FGFR2-V24\xSINH TYHL DD	24899	24801

>FGFR2-V24\SINHTYHLDV	69	>FGFR2-V24\SINHTYHLDD	110	41
>FGFR2-V24\SINHTYHLDV	17	>FGFR2-V24\SINHTYHLDD	31104	31087
>FGFR2-V24\SINHTYHLDV	46	>FGFR2-V24\SINHTYHLDD	62	16
>FGFR2-V24\SINHTYHLDV	228	>FGFR2-V24\SINHTYHLDD	540	312
>FGFR2-V24\SINHTYHLDV	490	>FGFR2-V24\SINHTYHLDD	22498	22008
>FGFR2-V77I\VHLGPNNRTI	813	>FGFR2-V77I\MHLGPNNRT	288	525
>FGFR2-V77I\VHLGPNNRTI	513	>FGFR2-V77I\MHLGPNNRT	430	83
>FGFR2-V77I\VHLGPNNRTI	4123	>FGFR2-V77I\MHLGPNNRT	318	3805
>FGFR2-V77I\VHLGPNNRTI	79	>FGFR2-V77I\MHLGPNNRT	12	67
>FGFR2-V77I\VHLGPNNRTI	9621	>FGFR2-V77I\MHLGPNNRT	312	9309
>FGFR2-V77I\VHLGPNNR	1234	>FGFR2-V77I\MHLGPNNR	262	972
>FGFR2-V77I\GVHLGPNNR	467	>FGFR2-V77I\GMHLGPNNF	20	447
>FGFR2-V77I\GVHLGPNNR	801	>FGFR2-V77I\GMHLGPNNF	7	794
>FGFR2-V77I\GVHLGPNNR	1318	>FGFR2-V77I\GMHLGPNNF	11	1307
>FGFR2-V77I\GVHLGPNNR	2965	>FGFR2-V77I\GMHLGPNNF	33	2932
>FGFR2-V77I\GVHLGPNNR	433	>FGFR2-V77I\GMHLGPNNF	10	423
>FGFR2-V77I\GVHLGPNNR	511	>FGFR2-V77I\GMHLGPNNF	141	370
>FGFR2-V77I\AAVISWTKDC	258	>FGFR2-V77I\AAVISWTKDC	4851	4593
>FGFR2-V77I\AAVISWTKDC	1349	>FGFR2-V77I\AAVISWTKDC	35	1314
>FGFR2-V77I\WTKDGVHL	653	>FGFR2-V77I\WTKDGMHL	461	192
>FGFR2-V77I\WTKDGVHL	37	>FGFR2-V77I\WTKDGMHL	37	0
>FGFR2-V77I\WTKDGVHL	408	>FGFR2-V77I\WTKDGMHL	252	156
>FGFR2-V77I\SWTKDGVHL	272	>FGFR2-V77I\SWTKDGMHI	96	176
>FGFR2-V77I\ISWTKDGVHI	364	>FGFR2-V77I\ISWTKDGMH	391	27
>FGFR2-V77I\ISWTKDGV	866	>FGFR2-V77I\ISWTKDGM	18	848
>FGFR2-V77I\ISWTKDGVHI	17	>FGFR2-V77I\ISWTKDGMH	19	2
>FGFR2-V77I\ISWTKDGVHI	164	>FGFR2-V77I\ISWTKDGMH	67	97
>FGFR2-V77I\VISWTKDGV	462	>FGFR2-V77I\VISWTKDGM	11320	10858
>FGFR2-V77I\VISWTKDGV	317	>FGFR2-V77I\VISWTKDGM	4519	4202
>FGFR2-V77I\VISWTKDGV	18	>FGFR2-V77I\VISWTKDGM	2312	2294
>FGFR2-V77I\VISWTKDGV	49	>FGFR2-V77I\VISWTKDGM	5254	5205
>FGFR2-V77I\VISWTKDGV	471	>FGFR2-V77I\VISWTKDGM	548	77
>FGFR2-V77I\VISWTKDGV	100	>FGFR2-V77I\VISWTKDGM	8998	8898
>FGFR2-V77I\VISWTKDGV	9	>FGFR2-V77I\VISWTKDGM	5207	5198
>FGFR2-V77I\VISWTKDGV	103	>FGFR2-V77I\VISWTKDGM	90	13
>FGFR2-V77I\AVISWTKDGI	161	>FGFR2-V77I\AVISWTKDGI	1022	861
>FGFR2-V77I\AVISWTKDGI	58	>FGFR2-V77I\AVISWTKDGI	1779	1721
>FGFR2-V77I\AVISWTKDGI	165	>FGFR2-V77I\AVISWTKDGI	1955	1790
>FGFR2-V77I\AVISWTKDGI	43	>FGFR2-V77I\AVISWTKDGI	3879	3836
>FGFR2-V77I\AVISWTKDGI	319	>FGFR2-V77I\AVISWTKDGI	8221	7902
>FGFR2-V77I\AVISWTKDGI	185	>FGFR2-V77I\AVISWTKDGI	10932	10747
>FGFR2-V77I\AVISWTKDGI	13	>FGFR2-V77I\AVISWTKDGI	7664	7651
>FGFR2-V77I\AVISWTKDGI	760	>FGFR2-V77I\AVISWTKDGI	10	750



>FGFR2-V77I AVISWTKDGI	213	>FGFR2-V77I AVISWTKDGI	287	74
>FGFR2-V77I AVISWTKDGI	169	>FGFR2-V77I AVISWTKDGI	4809	4640
>FGFR2-V77I AVISWTKDGI	125	>FGFR2-V77I AVISWTKDGI	1599	1474
>FGFR2-W29 WIKHVEKNGI	1658	>FGFR2-W29 CIKHVEKNGS	87	1571
>FGFR2-W29 QWIKHVEK	92	>FGFR2-W29 QCIKHVEK	4712	4620
>FGFR2-W29 VYSDAQPHIC	38	>FGFR2-W29 VYSDAQPHIC	5418	5380
>FGFR2-W29 IQWIKHVEK	393	>FGFR2-W29 IQCIKHVEK	375	18
>FGFR2-W29 IQWIKHVEK	36	>FGFR2-W29 IQCIKHVEK	180	144
>FGFR2-W29 IQWIKHVEK	300	>FGFR2-W29 IQCIKHVEK	2437	2137
>FGFR2-W29 HIQWIKHV	67	>FGFR2-W29 HIQCIKHV	504	437
>FGFR2-W29 HIQWIKHV	913	>FGFR2-W29 HIQCIKHV	217	696
>FGFR2-W29 HIQWIKHV	333	>FGFR2-W29 HIQCIKHV	2334	2001
>FGFR2-W29 HIQWIKHV	9	>FGFR2-W29 HIQCIKHV	146	137
>FGFR2-W29 HIQWIKHVEK	108	>FGFR2-W29 HIQCIKHVEK	114	6
>FGFR2-W29 HIQWIKHVEK	277	>FGFR2-W29 HIQCIKHVEK	215	62
>FGFR2-W29 HIQWIKHVEK	320	>FGFR2-W29 HIQCIKHVEK	142	178
>FGFR2-W29 HIQWIKHVEK	181	>FGFR2-W29 HIQCIKHVEK	285	104
>FGFR2-W29 HIQWIKHVEK	398	>FGFR2-W29 HIQCIKHVEK	326	72
>FGFR2-W29 HIQWIKHV	297	>FGFR2-W29 HIQCIKHV	135	162
>FGFR2-W29 HIQWIKHV	290	>FGFR2-W29 HIQCIKHV	940	650
>FGFR2-W29 QPHIQWIKHV	538	>FGFR2-W29 QPHIQCIKHV	494	44
>FGFR2-W29 AQPHIQWI	420	>FGFR2-W29 AQPHIQCI	2307	1887
>FGFR2-W29 AQPHIQWIKI	191	>FGFR2-W29 AQPHIQCIKH	319	128
>FGFR2-W29 AQPHIQWI	68	>FGFR2-W29 AQPHIQCI	356	288
>FGFR2-W29 AQPHIQWIKI	27	>FGFR2-W29 AQPHIQCIKH	66	39
>FGFR2-W29 AQPHIQWIKI	203	>FGFR2-W29 AQPHIQCIKH	1029	826
>FGFR2-W29 AQPHIQWIKI	265	>FGFR2-W29 AQPHIQCIKH	905	640
>FGFR2-W29 AQPHIQWI	1420	>FGFR2-W29 AQPHIQCI	425	995
>FGFR2-W29 DAQPHIQWII	102	>FGFR2-W29 DAQPHIQCIK	200	98
>FGFR2-W29 DAQPHIQW	396	>FGFR2-W29 DAQPHIQC	26387	25991
>FGFR2-W29 DAQPHIQW	413	>FGFR2-W29 DAQPHIQC	24293	23880
>FGFR2-W29 DAQPHIQW	397	>FGFR2-W29 DAQPHIQC	31767	31370
>FGFR2-W29 SDAQPHIQW	337	>FGFR2-W29 SDAQPHIQCI	223	114
>FGFR2-W29 YSDAQPHIQV	432	>FGFR2-W29 YSDAQPHIQC	1566	1134
>FGFR2-W29 YSDAQPHIQV	6	>FGFR2-W29 YSDAQPHIQC	6132	6126
>FGFR2-W29 YSDAQPHIQV	76	>FGFR2-W29 YSDAQPHIQC	1039	963
>FGFR2-W29 YSDAQPHIQV	68	>FGFR2-W29 YSDAQPHIQC	22211	22143
>FGFR2-W29 YSDAQPHIQV	10	>FGFR2-W29 YSDAQPHIQC	10220	10210
>FGFR2-W29 YSDAQPHIQV	219	>FGFR2-W29 YSDAQPHIQC	293	74
>FGFR2-Y375 YLEIAIYCI	30	>FGFR2-Y375 CLEIAIYCI	1467	1437
>FGFR2-Y375 YLEIAIYCIGV	22	>FGFR2-Y375 CLEIAIYCIGV	533	511
>FGFR2-Y375 YLEIAIYCI	14	>FGFR2-Y375 CLEIAIYCI	410	396
>FGFR2-Y375 YLEIAIYCIGV	10	>FGFR2-Y375 CLEIAIYCIGV	311	301

>FGFR2-Y375 YLEIAIYCI	499	>FGFR2-Y375 CLEIAIYCI	5392	4893
>FGFR2-Y375 YLEIAIYCIGV	36	>FGFR2-Y375 CLEIAIYCIGV	1326	1290
>FGFR2-Y375 YLEIAIYCIGV	26	>FGFR2-Y375 CLEIAIYCIGV	1124	1098
>FGFR2-Y375 YLEIAIYCI	25	>FGFR2-Y375 CLEIAIYCI	2452	2427
>FGFR2-Y375 YLEIAIYCI	12	>FGFR2-Y375 CLEIAIYCI	977	965
>FGFR2-Y375 YLEIAIYCIGV	3	>FGFR2-Y375 CLEIAIYCIGV	68	65
>FGFR2-Y375 YLEIAIYCI	174	>FGFR2-Y375 CLEIAIYCI	5820	5646
>FGFR2-Y375 YLEIAIYCI	8	>FGFR2-Y375 CLEIAIYCI	257	249
>FGFR2-Y375 YLEIAIYCIGV	6	>FGFR2-Y375 CLEIAIYCIGV	111	105
>FGFR2-Y375 YLEIAIYCI	22	>FGFR2-Y375 CLEIAIYCI	3200	3178
>FGFR2-Y375 YLEIAIYCIGV	7	>FGFR2-Y375 CLEIAIYCIGV	298	291
>FGFR2-Y375 YLEIAIYCI	32	>FGFR2-Y375 CLEIAIYCI	1737	1705
>FGFR2-Y375 YLEIAIYCIGV	8	>FGFR2-Y375 CLEIAIYCIGV	273	265
>FGFR2-Y375 YLEIAIYCI	9	>FGFR2-Y375 CLEIAIYCI	1887	1878
>FGFR2-Y375 YLEIAIYCI	8	>FGFR2-Y375 CLEIAIYCI	635	627
>FGFR2-Y375 YLEIAIYCIGV	2	>FGFR2-Y375 CLEIAIYCIGV	9	7
>FGFR2-Y375 YLEIAIYCIGV	444	>FGFR2-Y375 CLEIAIYCIGV	4818	4374
>FGFR2-Y375 DYLEIAIYCI	425	>FGFR2-Y375 DCLEIAIYCI	1748	1323
>FGFR2-Y375 DYLEIAIYCI	106	>FGFR2-Y375 DCLEIAIYCI	17278	17172
>FGFR2-Y375 DYLEIAIYCI	330	>FGFR2-Y375 DCLEIAIYCI	24684	24354
>FGFR2-Y375 DYLEIAIY	470	>FGFR2-Y375 DCLEIAIY	472	2
>FGFR2-Y375 DYLEIAIY	235	>FGFR2-Y375 DCLEIAIY	3657	3422
>FGFR2-Y375 DYLEIAIYCI	3220	>FGFR2-Y375 DCLEIAIYCI	356	2864
>FGFR2-Y375 REKEITASPDY	249	>FGFR2-Y375 REKEITASPDY	18464	18215
>FGFR2-Y375 REKEITASPDY	203	>FGFR2-Y375 REKEITASPDY	12303	12100
>FGFR2-Y375 REKEITASPDY	257	>FGFR2-Y375 REKEITASPDY	15924	15667
>FGFR2-Y375 REKEITASPDY	358	>FGFR2-Y375 REKEITASPDY	6873	6515
>FGFR2-Y375 REKEITASPDY	174	>FGFR2-Y375 REKEITASPDY	7671	7497
>FGFR2-Y375 REKEITASPDY	121	>FGFR2-Y375 REKEITASPDY	32	89
>FGFR2-Y375 PDYLEIAIYCI	287	>FGFR2-Y375 PDCLEIAIYCI	2602	2315
>FGFR2-Y375 PDYLEIAI	199	>FGFR2-Y375 PDCLEIAI	5367	5168
>FGFR2-Y375 PDYLEIAIYCI	241	>FGFR2-Y375 PDCLEIAIYCI	4422	4181
>FGFR2-Y375 PDYLEIAI	50	>FGFR2-Y375 PDCLEIAI	118	68
>FGFR2-Y375 PDYLEIAIYCI	30	>FGFR2-Y375 PDCLEIAIYCI	58	28
>FGFR2-Y375 SPDYLEIAI	337	>FGFR2-Y375 SPDCLEIAI	136	201
>FGFR2-Y375 SPDYLEIAIY	96	>FGFR2-Y375 SPDCLEIAIY	36	60
>FGFR2-Y375 SPDYLEIAI	311	>FGFR2-Y375 SPDCLEIAI	661	350
>FGFR2-Y375 SPDYLEIAIY	384	>FGFR2-Y375 SPDCLEIAIY	354	30
>FGFR2-Y375 SPDYLEIAIY	447	>FGFR2-Y375 SPDCLEIAIY	695	248
>FGFR2-Y375 SPDYLEIAIY	158	>FGFR2-Y375 SPDCLEIAIY	547	389
>FGFR2-Y375 ASPDYLEIAIY	40	>FGFR2-Y375 ASPDCLEIAIY	71	31
>FGFR2-Y375 ASPDYLEIAIY	249	>FGFR2-Y375 ASPDCLEIAIY	110	139
>FGFR2-Y375 ASPDYLEIAIY	112	>FGFR2-Y375 ASPDCLEIAIY	201	89

>FGFR2-Y375 ASPDYLEI	293	>FGFR2-Y375 ASPDCLEI	160	133
>FGFR2-Y375 ASPDYLEIA	74	>FGFR2-Y375 ASPDCLEIA	176	102
>FGFR2-Y375 ASPDYLEIAI	17	>FGFR2-Y375 ASPDCLEIAI	31	14
>FGFR2-Y375 ASPDYLEIAIY	16	>FGFR2-Y375 ASPDCLEIAIY	23	7
>FGFR2-Y375 ASPDYLEI	124	>FGFR2-Y375 ASPDCLEI	100	24
>FGFR2-Y375 TASP DYLEI	359	>FGFR2-Y375 TASPDCLEI	1131	772
>FGFR2-Y375 TASP DYLEIAI	365	>FGFR2-Y375 TASPDCLEIAI	666	301
>FGFR2-Y375 TASP DYLEI	154	>FGFR2-Y375 TASPDCLEI	191	37
>FGFR2-Y375 TASP DYLEIAI	290	>FGFR2-Y375 TASPDCLEIAI	347	57
>FGFR2-Y375 ITASP DYL	57	>FGFR2-Y375 ITASPDCLEI	774	717
>FGFR2-Y375 ITASP DYLEI	435	>FGFR2-Y375 ITASPDCLEI	851	416
>FGFR2-Y375 ITASP DYL	405	>FGFR2-Y375 ITASPDCLEI	4944	4539
>FGFR2-Y375 ITASP DYL	23	>FGFR2-Y375 ITASPDCLEI	239	216
>FGFR2-Y375 ITASP DYLEI	396	>FGFR2-Y375 ITASPDCLEI	195	201
>FGFR2-Y375 ITASP DYLEIA	98	>FGFR2-Y375 ITASPDCLEIA	161	63
>FGFR2-Y375 ITASP DYL	30	>FGFR2-Y375 ITASPDCLEI	206	176
>FGFR2-Y375 ITASP DYLEI	51	>FGFR2-Y375 ITASPDCLEI	36	15
>FGFR2-Y375 ITASP DYL	308	>FGFR2-Y375 ITASPDCLEI	2964	2656
>FGFR2-Y375 ITASP DYLEI	103	>FGFR2-Y375 ITASPDCLEI	237	134
>FGFR2-Y375 ITASP DYL	53	>FGFR2-Y375 ITASPDCLEI	79	26
>FGFR2-Y375 ITASP DYLEI	170	>FGFR2-Y375 ITASPDCLEI	547	377
>FGFR2-Y375 ITASP DYL	3298	>FGFR2-Y375 ITASPDCLEI	372	2926
>FGFR2-Y375 ITASP DYLEIA	381	>FGFR2-Y375 ITASPDCLEIA	369	12
>FGFR2-Y375 ITASP DYL	318	>FGFR2-Y375 ITASPDCLEI	593	275
>FGFR2-Y375 ITASP DYLEI	52	>FGFR2-Y375 ITASPDCLEI	132	80
>FGFR2-Y375 EITASP DY	45	>FGFR2-Y375 EITASPDC	22665	22620
>FGFR2-Y375 EITASP DYL	270	>FGFR2-Y375 EITASPDCLEI	872	602
>FGFR2-Y375 EITASP DYL	28	>FGFR2-Y375 EITASPDCLEI	339	311
>FGFR2-Y375 EITASP DYLEI	65	>FGFR2-Y375 EITASPDCLEI	170	105
>FGFR2-Y375 EITASP DYL	309	>FGFR2-Y375 EITASPDCLEI	6922	6613
>FGFR2-Y375 EITASP DYLEI	195	>FGFR2-Y375 EITASPDCLEI	719	524
>FGFR2-Y375 KEITASP DYL	476	>FGFR2-Y375 KEITASPDC	8694	8218
>FGFR2-Y375 KEITASP DY	320	>FGFR2-Y375 KEITASPDCLEI	27627	27307
>FGFR2-Y375 KEITASP DY	121	>FGFR2-Y375 KEITASPDC	11443	11322
>FGFR2-Y375 KEITASP DY	361	>FGFR2-Y375 KEITASPDC	16931	16570
>FGFR2-Y375 KEITASP DYL	388	>FGFR2-Y375 KEITASPDCLEI	241	147
>FGFR2-Y375 KEITASP DYL	167	>FGFR2-Y375 KEITASPDCLEI	750	583
>FGFR2-Y375 KEITASP DY	129	>FGFR2-Y375 KEITASPDC	2386	2257
>FGFR2-Y375 KEITASP DY	59	>FGFR2-Y375 KEITASPDC	2966	2907
>FGFR2-Y375 KEITASP DY	119	>FGFR2-Y375 KEITASPDC	31	88
>FGFR2-Y375 KEITASP DYL	18	>FGFR2-Y375 KEITASPDCLEI	13	5
>FGFR3-A26 AVLGSDVEF	2046	>FGFR3-A26 TVLGSDVEF	359	1687
>FGFR3-A26 AVLGSDVEF	427	>FGFR3-A26 TVLGSDVEF	535	108

>FGFR3-A26 <sup>!</sup> AVLGSDVEF	482	>FGFR3-A26 <sup>!</sup> TVLGSDVEF	405	77
>FGFR3-A26 <sup>!</sup> AVLGSDVEFH	489	>FGFR3-A26 <sup>!</sup> TVLGSDVEFH	450	39
>FGFR3-A26 <sup>!</sup> AVLGSDVEF	85	>FGFR3-A26 <sup>!</sup> TVLGSDVEF	321	236
>FGFR3-A26 <sup>!</sup> AVLGSDVEF	240	>FGFR3-A26 <sup>!</sup> TVLGSDVEF	997	757
>FGFR3-A26 <sup>!</sup> AVLGSDVEF	14	>FGFR3-A26 <sup>!</sup> TVLGSDVEF	55	41
>FGFR3-A26 <sup>!</sup> AVLGSDVEF	203	>FGFR3-A26 <sup>!</sup> TVLGSDVEF	68	135
>FGFR3-A26 <sup>!</sup> TAVLGSDVEF	3276	>FGFR3-A26 <sup>!</sup> TTVLGSDVEF	54	3222
>FGFR3-A26 <sup>!</sup> TAVLGSDVEF	2989	>FGFR3-A26 <sup>!</sup> TTVLGSDVEF	91	2898
>FGFR3-A26 <sup>!</sup> TAVLGSDV	411	>FGFR3-A26 <sup>!</sup> TTVLGSDV	55	356
>FGFR3-A26 <sup>!</sup> TAVLGSDV	1970	>FGFR3-A26 <sup>!</sup> TTVLGSDV	420	1550
>FGFR3-A26 <sup>!</sup> TAVLGSDVEF	19	>FGFR3-A26 <sup>!</sup> TTVLGSDVEF	4	15
>FGFR3-A26 <sup>!</sup> TAVLGSDVEF	3833	>FGFR3-A26 <sup>!</sup> TTVLGSDVEF	57	3776
>FGFR3-A26 <sup>!</sup> LQAGLPANQ	232	>FGFR3-A26 <sup>!</sup> LQAGLPANQ	1979	1747
>FGFR3-A26 <sup>!</sup> LQAGLPANQ	247	>FGFR3-A26 <sup>!</sup> LQAGLPANQ	3007	2760
>FGFR3-A26 <sup>!</sup> LQAGLPANQ	89	>FGFR3-A26 <sup>!</sup> LQAGLPANQ	808	719
>FGFR3-A26 <sup>!</sup> QTAVLGSDV	82	>FGFR3-A26 <sup>!</sup> QTTVLGSDV	411	329
>FGFR3-A26 <sup>!</sup> QTAVLGSDVE	192	>FGFR3-A26 <sup>!</sup> QTTVLGSDVE	392	200
>FGFR3-A26 <sup>!</sup> QTAVLGSDVE	7	>FGFR3-A26 <sup>!</sup> QTTVLGSDVE	9	2
>FGFR3-A26 <sup>!</sup> QTAVLGSDV	125	>FGFR3-A26 <sup>!</sup> QTTVLGSDV	130	5
>FGFR3-A26 <sup>!</sup> QTAVLGSDVE	98	>FGFR3-A26 <sup>!</sup> QTTVLGSDVE	101	3
>FGFR3-A26 <sup>!</sup> LPANQTAV	30	>FGFR3-A26 <sup>!</sup> LPANQTTV	79	49
>FGFR3-A26 <sup>!</sup> LPANQTAVL	22	>FGFR3-A26 <sup>!</sup> LPANQTTVL	18	4
>FGFR3-A26 <sup>!</sup> LPANQTAV	80	>FGFR3-A26 <sup>!</sup> LPANQTTV	202	122
>FGFR3-A26 <sup>!</sup> LPANQTAVL	22	>FGFR3-A26 <sup>!</sup> LPANQTTVL	23	1
>FGFR3-A26 <sup>!</sup> LPANQTAVLC	393	>FGFR3-A26 <sup>!</sup> LPANQTTVLC	539	146
>FGFR3-A26 <sup>!</sup> LPANQTAVL	99	>FGFR3-A26 <sup>!</sup> LPANQTTVL	272	173
>FGFR3-A26 <sup>!</sup> LPANQTAV	264	>FGFR3-A26 <sup>!</sup> LPANQTTV	178	86
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>FGFR3-A26 <sup>!</sup> LPANQTAV	18	>FGFR3-A26 <sup>!</sup> LPANQTTV	35	17
>FGFR3-A26 <sup>!</sup> LPANQTAVL	68	>FGFR3-A26 <sup>!</sup> LPANQTTVL	97	29
>FGFR3-A26 <sup>!</sup> LPANQTAVL	93	>FGFR3-A26 <sup>!</sup> LPANQTTVL	175	82
>FGFR3-A26 <sup>!</sup> GLPANQTAV	191	>FGFR3-A26 <sup>!</sup> GLPANQTTV	147	44
>FGFR3-A26 <sup>!</sup> GLPANQTAV	19	>FGFR3-A26 <sup>!</sup> GLPANQTTV	44	25
>FGFR3-A26 <sup>!</sup> GLPANQTAVI	112	>FGFR3-A26 <sup>!</sup> GLPANQTTVI	126	14
>FGFR3-A26 <sup>!</sup> GLPANQTA	114	>FGFR3-A26 <sup>!</sup> GLPANQTT	1596	1482
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>FGFR3-A26 <sup>!</sup> GLPANQTAVI	253	>FGFR3-A26 <sup>!</sup> GLPANQTTVI	304	51
>FGFR3-A26 <sup>!</sup> GLPANQTAV	193	>FGFR3-A26 <sup>!</sup> GLPANQTTV	274	81
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>FGFR3-A26 <sup>5</sup> GLPANQTAV	9	>FGFR3-A26 <sup>5</sup> GLPANQTTV	8	1
>FGFR3-A26 <sup>5</sup> GLPANQTAVI	24	>FGFR3-A26 <sup>5</sup> GLPANQTTVI	62	38
>FGFR3-A26 <sup>5</sup> GLPANQTA	130	>FGFR3-A26 <sup>5</sup> GLPANQTT	2321	2191
>FGFR3-A26 <sup>5</sup> GLPANQTAV	11	>FGFR3-A26 <sup>5</sup> GLPANQTTV	7	4
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>FGFR3-A36 <sup>6</sup> VEADEAGSV	77	>FGFR3-A36 <sup>6</sup> VEDDEAGSV	643	566
>FGFR3-A36 <sup>6</sup> VEADEAGSVI	229	>FGFR3-A36 <sup>6</sup> VEDDEAGSVI	3837	3608
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>FGFR3-A39:FLFILVVA AV	3	>FGFR3-A39:FLFILVVEAV	4	1
>FGFR3-A39:FLFILVVA AVT	40	>FGFR3-A39:FLFILVVEAVT	32	8
>FGFR3-A39:FLFILVVA	259	>FGFR3-A39:FLFILVVE	21285	21026
>FGFR3-A39:FLFILVVAA	242	>FGFR3-A39:FLFILVVEA	131	111
>FGFR3-A39:FLFILVVA AV	3	>FGFR3-A39:FLFILVVEAV	3	0
>FGFR3-A39:FLFILVVA	3	>FGFR3-A39:FLFILVVE	524	521
>FGFR3-A39:FLFILVVAA	3	>FGFR3-A39:FLFILVVEA	2	1
>FGFR3-A39:FLFILVVA AV	1	>FGFR3-A39:FLFILVVEAV	2	1
>FGFR3-A39:FLFILVVA AVT	11	>FGFR3-A39:FLFILVVEAVT	11	0
>FGFR3-A39:FLFILVVAA	413	>FGFR3-A39:FLFILVVEA	295	118
>FGFR3-A39:FLFILVVA AV	138	>FGFR3-A39:FLFILVVEAV	259	121
>FGFR3-A39:FLFILVVA AV	28	>FGFR3-A39:FLFILVVEAV	60	32
>FGFR3-A39:FLFILVVAA	400	>FGFR3-A39:FLFILVVEA	1549	1149
>FGFR3-A39:FLFILVVA AV	301	>FGFR3-A39:FLFILVVEAV	595	294
>FGFR3-A39:FLFILVVAA	273	>FGFR3-A39:FLFILVVEA	713	440
>FGFR3-A39:FLFILVVA AV	115	>FGFR3-A39:FLFILVVEAV	172	57
>FGFR3-A39:FLFILVVAA	237	>FGFR3-A39:FLFILVVEA	1869	1632
>FGFR3-A39:FFLFILVVA AV	155	>FGFR3-A39:FFLFILVVEAV	266	111
>FGFR3-A39:FFLFILVVA	472	>FGFR3-A39:FFLFILVVE	6349	5877
>FGFR3-A39:FFLFILVVA AV	40	>FGFR3-A39:FFLFILVVEAV	38	2
>FGFR3-A39:FFLFILVVA AV	404	>FGFR3-A39:FFLFILVVEAV	885	481
>FGFR3-A39:FFLFILVVA AV	42	>FGFR3-A39:FFLFILVVEAV	44	2
>FGFR3-A39:FFLFILVVA AV	17	>FGFR3-A39:FFLFILVVEAV	19	2
>FGFR3-A39:FFLFILVVA AV	105	>FGFR3-A39:FFLFILVVEAV	269	164
>FGFR3-A39:FFLFILVVA AV	70	>FGFR3-A39:FFLFILVVEAV	75	5
>FGFR3-A39:FFLFILVVA AV	72	>FGFR3-A39:FFLFILVVEAV	106	34
>FGFR3-A39:FFLFILVVA AV	98	>FGFR3-A39:FFLFILVVEAV	221	123
>FGFR3-A39:FFLFILVVA AV	449	>FGFR3-A39:FFLFILVVEAV	341	108
>FGFR3-A39:FFLFILVVA AV	357	>FGFR3-A39:FFLFILVVEAV	716	359
>FGFR3-A39:FFLFILVVA	284	>FGFR3-A39:FFLFILVVE	11322	11038
>FGFR3-C22:CVVENKFGSI	718	>FGFR3-C22:RVVENKFGSI	247	471
>FGFR3-C22:CVVENKFGSI	3212	>FGFR3-C22:RVVENKFGSI	469	2743
>FGFR3-C22:CVVENKFGSI	446	>FGFR3-C22:RVVENKFGSI	33	413
>FGFR3-C22:CVVENKFGSI	13839	>FGFR3-C22:RVVENKFGSI	268	13571
>FGFR3-C22:CVVENKFGSI	48	>FGFR3-C22:RVVENKFGSI	112	64
>FGFR3-C22:CVVENKFGSI	106	>FGFR3-C22:RVVENKFGSI	112	6
>FGFR3-C22:CVVENKFGSI	605	>FGFR3-C22:RVVENKFGSI	252	353
>FGFR3-C22:CVVENKFGSI	457	>FGFR3-C22:RVVENKFGSI	1088	631
>FGFR3-C22:TCVVENKF	3730	>FGFR3-C22:TRVVENKF	243	3487
>FGFR3-C22:VVPSDRGNY	24935	>FGFR3-C22:VVPSDRGNY	441	24494
>FGFR3-C22:VVPSDRGNY	40394	>FGFR3-C22:VVPSDRGNY	352	40042
>FGFR3-C22:YTCVVENK	68	>FGFR3-C22:YTRVVENK	1222	1154

>FGFR3-C22EYTCVVENKF	190	>FGFR3-C22EYTRVVENKF	173	17
>FGFR3-C22EYTCVVENKF	456	>FGFR3-C22EYTRVVENKF	1828	1372
>FGFR3-C22EYTCVVENK	2462	>FGFR3-C22EYTRVVENK	28	2434
>FGFR3-C22EYTCVVENK	7	>FGFR3-C22EYTRVVENK	28	21
>FGFR3-C22EYTCVVENKF	751	>FGFR3-C22EYTRVVENKF	111	640
>FGFR3-C22EYTCVVENKF	34	>FGFR3-C22EYTRVVENKF	8	26
>FGFR3-C22EYTCVVENKF	5424	>FGFR3-C22EYTRVVENKF	452	4972
>FGFR3-C22EYTCVVENKF	22	>FGFR3-C22EYTRVVENKF	7	15
>FGFR3-C22ENYTCVVENKF	140	>FGFR3-C22ENYTRVVENKF	258	118
>FGFR3-C22ENYTCVVENKF	99	>FGFR3-C22ENYTRVVENKF	102	3
>FGFR3-C22ENYTCVVENKF	9	>FGFR3-C22ENYTRVVENKF	6	3
>FGFR3-C22ENYTCVVENK	173	>FGFR3-C22ENYTRVVENK	267	94
>FGFR3-C22EGNYTCVVENI	228	>FGFR3-C22EGNYTRVVENI	432	204
>FGFR3-C22EGNYTCVVENI	434	>FGFR3-C22EGNYTRVVENI	1002	568
>FGFR3-C22ERGNYTCVVENI	477	>FGFR3-C22ERGNYTRVVENI	162	315
>FGFR3-C22ERGNYTCVVENI	1010	>FGFR3-C22ERGNYTRVVENI	441	569
>FGFR3-C22ESDRGNYTCV	178	>FGFR3-C22ESDRGNYTRV	394	216
>FGFR3-C22EVPSDRGNYTC	310	>FGFR3-C22EVPSDRGNYTF	179	131
>FGFR3-C22EVPSDRGNYTC	500	>FGFR3-C22EVPSDRGNYTF	462	38
>FGFR3-D61DLAARNVLV	2941	>FGFR3-D61GLAARNVLV	15	2926
>FGFR3-D61DLAARNVL	862	>FGFR3-D61GLAARNVL	10	852
>FGFR3-D61DLAARNVLV	88	>FGFR3-D61GLAARNVLV	3	85
>FGFR3-D61DLAARNVL	6175	>FGFR3-D61GLAARNVL	74	6101
>FGFR3-D61DLAARNVLV	559	>FGFR3-D61GLAARNVLV	6	553
>FGFR3-D61DLAARNVLV	2595	>FGFR3-D61GLAARNVLV	42	2553
>FGFR3-D61DLAARNVL	6630	>FGFR3-D61GLAARNVL	470	6160
>FGFR3-D61DLAARNVLV	340	>FGFR3-D61GLAARNVLV	11	329
>FGFR3-D61DLAARNVL	8517	>FGFR3-D61GLAARNVL	239	8278
>FGFR3-D61DLAARNVLV	1714	>FGFR3-D61GLAARNVLV	17	1697
>FGFR3-D61DLAARNVL	4525	>FGFR3-D61GLAARNVL	124	4401
>FGFR3-D61DLAARNVLV	65	>FGFR3-D61GLAARNVLV	7	58
>FGFR3-D61DLAARNVLV	158	>FGFR3-D61GLAARNVLV	83	75
>FGFR3-D61DLAARNVL	326	>FGFR3-D61GLAARNVL	17	309
>FGFR3-D61DLAARNVLV	17	>FGFR3-D61GLAARNVLV	3	14
>FGFR3-D61DLAARNVLV	5301	>FGFR3-D61GLAARNVLV	228	5073
>FGFR3-D61DLAARNVLV	64	>FGFR3-D61GLAARNVLV	2779	2715
>FGFR3-D61DLAARNVLV	334	>FGFR3-D61GLAARNVLV	6411	6077
>FGFR3-D61RDLAARNVL	5627	>FGFR3-D61RGLAARNVL	305	5322
>FGFR3-D61RDLAARNVL	97	>FGFR3-D61RGLAARNVL	20537	20440
>FGFR3-D61RDLAARNVL	369	>FGFR3-D61RGLAARNVL	28064	27695
>FGFR3-D61RDLAARNV	187	>FGFR3-D61RGLAARNV	16867	16680
>FGFR3-D61RDLAARNV	210	>FGFR3-D61RGLAARNV	19322	19112
>FGFR3-D61RDLAARNVL	96	>FGFR3-D61RGLAARNVL	13786	13690

>FGFR3-D61:YLASQKCIHRI	636	>FGFR3-D61:YLASQKCIHRI	175	461
>FGFR3-D61:YLASQKCIHRI	2237	>FGFR3-D61:YLASQKCIHRI	466	1771
>FGFR3-D61:YLASQKCIHRI	141	>FGFR3-D61:YLASQKCIHRI	47	94
>FGFR3-D61:HRDLAARNV	62	>FGFR3-D61:HRGLAARNV	57	5
>FGFR3-D61:HRDLAARNV	1037	>FGFR3-D61:HRGLAARNV	463	574
>FGFR3-D61:HRDLAARNV	21	>FGFR3-D61:HRGLAARNV	210	189
>FGFR3-D61:HRDLAARNV	347	>FGFR3-D61:HRGLAARNV	451	104
>FGFR3-D61:IHRDLAARNV	413	>FGFR3-D61:IHRGLAARNV	820	407
>FGFR3-D61:IHRDLAARNV	588	>FGFR3-D61:IHRGLAARNV	363	225
>FGFR3-D61:CIHRDLAARN	252	>FGFR3-D61:CIHRGLAARN	165	87
>FGFR3-D61:CIHRDLAARN	439	>FGFR3-D61:CIHRGLAARN	282	157
>FGFR3-D61:CIHRDLAAR	121	>FGFR3-D61:CIHRGLAAR	38	83
>FGFR3-D61:CIHRDLAAR	959	>FGFR3-D61:CIHRGLAAR	286	673
>FGFR3-D61:CIHRDLAAR	323	>FGFR3-D61:CIHRGLAAR	362	39
>FGFR3-D61:KCIHRDLAAR	48	>FGFR3-D61:KCIHRGLAAR	23	25
>FGFR3-D61:KCIHRDLAAR	76	>FGFR3-D61:KCIHRGLAAR	123	47
>FGFR3-D61:SQKCIHRDLA	1435	>FGFR3-D61:SQKCIHRGLA	376	1059
>FGFR3-D61:SQKCIHRDLA	634	>FGFR3-D61:SQKCIHRGLA	327	307
>FGFR3-D61:SQKCIHRDL	1437	>FGFR3-D61:SQKCIHRGL	487	950
>FGFR3-D61:SQKCIHRDLA	326	>FGFR3-D61:SQKCIHRGLA	210	116
>FGFR3-D61:SQKCIHRDL	116	>FGFR3-D61:SQKCIHRGL	190	74
>FGFR3-D61:SQKCIHRDLA	767	>FGFR3-D61:SQKCIHRGLA	308	459
>FGFR3-D61:ASQKCIHRDL	725	>FGFR3-D61:ASQKCIHRGL	121	604
>FGFR3-D61:LASQKCIHRD	1873	>FGFR3-D61:LASQKCIHRG	329	1544
>FGFR3-D64:DVHNLDDYYK	242	>FGFR3-D64:NVHNLDDYYK	45	197
>FGFR3-D64:DVHNLDDYYK	408	>FGFR3-D64:NVHNLDDYYK	126	282
>FGFR3-D64:DVHNLDDYY	70	>FGFR3-D64:NVHNLDDYY	478	408
>FGFR3-D64:DVHNLDDYY	18	>FGFR3-D64:NVHNLDDYY	92	74
>FGFR3-D64:DVHNLDDYY	350	>FGFR3-D64:NVHNLDDYY	1563	1213
>FGFR3-D64:DVHNLDDYY	151	>FGFR3-D64:NVHNLDDYY	78	73
>FGFR3-D64:DVHNLDDYYK	1687	>FGFR3-D64:NVHNLDDYYK	299	1388
>FGFR3-D64:DVHNLDDYY	306	>FGFR3-D64:NVHNLDDYY	186	120
>FGFR3-D64:DVHNLDDYYK	663	>FGFR3-D64:NVHNLDDYYK	97	566
>FGFR3-D64:DVHNLDDYYK	82	>FGFR3-D64:NVHNLDDYYK	490	408
>FGFR3-D64:DVHNLDDYY	265	>FGFR3-D64:NVHNLDDYY	392	127
>FGFR3-D64:DVHNLDDYYK	8	>FGFR3-D64:NVHNLDDYYK	10	2
>FGFR3-D64:DVHNLDDYYK	48	>FGFR3-D64:NVHNLDDYYK	27	21
>FGFR3-D64:DVHNLDDYY	3016	>FGFR3-D64:NVHNLDDYY	203	2813
>FGFR3-D64:DVHNLDDYYK	1308	>FGFR3-D64:NVHNLDDYYK	206	1102
>FGFR3-D64:RDVHNLDDYY	814	>FGFR3-D64:RNVHNLDDYY	245	569
>FGFR3-D64:RDVHNLDDY	1136	>FGFR3-D64:RNVHNLDDY	382	754
>FGFR3-D64:RDVHNLDDYY	1279	>FGFR3-D64:RNVHNLDDYY	269	1010
>FGFR3-D64:RDVHNLDDY	999	>FGFR3-D64:RNVHNLDDY	389	610

>FGFR3-D64:RDVHNLDY	1585	>FGFR3-D64:RNVHNLDY	339	1246
>FGFR3-D64:RDVHNLDYYI	533	>FGFR3-D64:RNVHNLDYYI	161	372
>FGFR3-D64:ARDVHNLDY	1540	>FGFR3-D64:ARNVHNLDY	133	1407
>FGFR3-D64:ARDVHNLDY'	2062	>FGFR3-D64:ARNVHNLDY'	240	1822
>FGFR3-D64:ARDVHNLDY'	468	>FGFR3-D64:ARNVHNLDY'	226	242
>FGFR3-D64:ARDVHNLDY'	1106	>FGFR3-D64:ARNVHNLDY'	161	945
>FGFR3-D64:LARDVHNLD'	266	>FGFR3-D64:LARNVHNLD'	479	213
>FGFR3-D64:LARDVHNL	322	>FGFR3-D64:LARNVHNL	153	169
>FGFR3-D64:LARDVHNLD'	498	>FGFR3-D64:LARNVHNLD'	376	122
>FGFR3-D64:LARDVHNLD'	381	>FGFR3-D64:LARNVHNLD'	295	86
>FGFR3-D64:LARDVHNLD'	185	>FGFR3-D64:LARNVHNLD'	150	35
>FGFR3-D64:LARDVHNLD'	153	>FGFR3-D64:LARNVHNLD'	153	0
>FGFR3-D64:LARDVHNLD'	218	>FGFR3-D64:LARNVHNLD'	219	1
>FGFR3-D64:LARDVHNLD'	280	>FGFR3-D64:LARNVHNLD'	96	184
>FGFR3-D64:LARDVHNLD'	761	>FGFR3-D64:LARNVHNLD'	305	456
>FGFR3-D64:LARDVHNL	83	>FGFR3-D64:LARNVHNL	174	91
>FGFR3-D64:LARDVHNLD'	38	>FGFR3-D64:LARNVHNLD'	79	41
>FGFR3-D64:LARDVHNLD'	50	>FGFR3-D64:LARNVHNLD'	124	74
>FGFR3-D64:LARDVHNLD'	352	>FGFR3-D64:LARNVHNLD'	535	183
>FGFR3-D64:LARDVHNLD'	596	>FGFR3-D64:LARNVHNLD'	468	128
>FGFR3-D64:LARDVHNLD'	484	>FGFR3-D64:LARNVHNLD'	587	103
>FGFR3-D64:LARDVHNLD'	58	>FGFR3-D64:LARNVHNLD'	39	19
>FGFR3-D64:GLARDVHNL	62	>FGFR3-D64:GLARNVHNL	92	30
>FGFR3-D64:GLARDVHNL	5	>FGFR3-D64:GLARNVHNL	5	0
>FGFR3-D64:GLARDVHNL	10	>FGFR3-D64:GLARNVHNL	10	0
>FGFR3-D64:GLARDVHNL	16	>FGFR3-D64:GLARNVHNL	9	7
>FGFR3-D64:GLARDVHNL	6	>FGFR3-D64:GLARNVHNL	4	2
>FGFR3-D64:GLARDVHNL	9	>FGFR3-D64:GLARNVHNL	10	1
>FGFR3-D64:GLARDVHNL	15	>FGFR3-D64:GLARNVHNL	9	6
>FGFR3-D64:GLARDVHNL	3	>FGFR3-D64:GLARNVHNL	2	1
>FGFR3-D64:GLARDVHNLI	27	>FGFR3-D64:GLARNVHNLI	23	4
>FGFR3-D64:GLARDVHNLI	220	>FGFR3-D64:GLARNVHNLI	222	2
>FGFR3-D64:GLARDVHNLI	217	>FGFR3-D64:GLARNVHNLI	195	22
>FGFR3-D64:GLARDVHNLI	350	>FGFR3-D64:GLARNVHNLI	285	65
>FGFR3-D64:GLARDVHNLI	463	>FGFR3-D64:GLARNVHNLI	277	186
>FGFR3-D64:GLARDVHNLI	293	>FGFR3-D64:GLARNVHNLI	222	71
>FGFR3-D64:ADFGGLARDV	488	>FGFR3-D64:ADFGGLARNV	219	269
>FGFR3-D64:ADFGGLARDV	235	>FGFR3-D64:ADFGGLARNV	193	42
>FGFR3-D64:KIADFGGLARD	645	>FGFR3-D64:KIADFGGLARN	201	444
>FGFR3-D64:KIADFGGLARD	172	>FGFR3-D64:KIADFGGLARN	27	145
>FGFR3-D64:KIADFGGLARD	48	>FGFR3-D64:KIADFGGLARN	15	33
>FGFR3-D64:KIADFGGLARD	187	>FGFR3-D64:KIADFGGLARN	72	115
>FGFR3-D64:KIADFGGLARD	73	>FGFR3-D64:KIADFGGLARN	21	52

>FGFR3-D64:KIADFLGARD	983	>FGFR3-D64:KIADFLGARN	417	566
>FGFR3-D64:KIADFLGARD	119	>FGFR3-D64:KIADFLGARN	55	64
>FGFR3-D64:KIADFLGARD	1639	>FGFR3-D64:KIADFLGARN	329	1310
>FGFR3-D64:KIADFLGARD	19	>FGFR3-D64:KIADFLGARN	11	8
>FGFR3-D64{DYYKKTNGF	2190	>FGFR3-D64{YYYKKTNGR	410	1780
>FGFR3-D64{DYYKKTNGF	262	>FGFR3-D64{YYYKKTNGR	39	223
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>FGFR3-D64{DYYKKTNGF	2586	>FGFR3-D64{YYYKKTNGR	354	2232
>FGFR3-D64{DYYKKTNGF	6892	>FGFR3-D64{YYYKKTNGR	309	6583
>FGFR3-D64{DYYKKTNGF	702	>FGFR3-D64{YYYKKTNGR	9	693
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>FGFR3-D64{DYYKKTNGF	25	>FGFR3-D64{YYYKKTNGR	15	10
>FGFR3-D64{LDYYKKTNG	4828	>FGFR3-D64{LYYYKKTNG	32	4796
>FGFR3-D64{LDYYKKTNG	13174	>FGFR3-D64{LYYYKKTNG	76	13098
>FGFR3-D64{LDYYKKTNG	1001	>FGFR3-D64{LYYYKKTNG	232	769
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>FGFR3-D64{FGLARDVHNI	22651	>FGFR3-D64{FGLARDVHNI	65	22586
>FGFR3-D64{FGLARDVHNI	32400	>FGFR3-D64{FGLARDVHNI	396	32004
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>FGFR3-D64{FGLARDVHNI	25753	>FGFR3-D64{FGLARDVHNI	415	25338
>FGFR3-D64{HNLDYYKK	352	>FGFR3-D64{HNLYYYKK	594	242
>FGFR3-D64{DVHNLDYYK	242	>FGFR3-D64{DVHNLYYYK	53	189
>FGFR3-D64{DVHNLDYYK}	408	>FGFR3-D64{DVHNLYYYKK	201	207
>FGFR3-D64{DVHNLDYY	70	>FGFR3-D64{DVHNLYYY	22	48
>FGFR3-D64{DVHNLDYY	18	>FGFR3-D64{DVHNLYYY	13	5
>FGFR3-D64{DVHNLDYY	350	>FGFR3-D64{DVHNLYYY	227	123
>FGFR3-D64{DVHNLDYY	151	>FGFR3-D64{DVHNLYYY	23	128
>FGFR3-D64{DVHNLDYYK	1687	>FGFR3-D64{DVHNLYYYK	184	1503
>FGFR3-D64{DVHNLDYY	306	>FGFR3-D64{DVHNLYYY	127	179
>FGFR3-D64{DVHNLDYYK	663	>FGFR3-D64{DVHNLYYYK	63	600
>FGFR3-D64{DVHNLDYYK	82	>FGFR3-D64{DVHNLYYYK	29	53
>FGFR3-D64{DVHNLDYY	265	>FGFR3-D64{DVHNLYYY	155	110
>FGFR3-D64{DVHNLDYYK	8	>FGFR3-D64{DVHNLYYYK	9	1
>FGFR3-D64{DVHNLDYYK}	48	>FGFR3-D64{DVHNLYYYKK	49	1
>FGFR3-D64{RDVHNLDY	1136	>FGFR3-D64{RDVHNLYY	185	951
>FGFR3-D64{RDVHNLDYY	2709	>FGFR3-D64{RDVHNLYYY	69	2640
>FGFR3-D64{RDVHNLDYY	1279	>FGFR3-D64{RDVHNLYYY	174	1105
>FGFR3-D64{RDVHNLDY	999	>FGFR3-D64{RDVHNLYY	487	512
>FGFR3-D64{RDVHNLDYY}	533	>FGFR3-D64{RDVHNLYYYK	169	364
>FGFR3-D64{ARDVHNLDY}	4643	>FGFR3-D64{ARDVHNLYY}	465	4178
>FGFR3-D64{ARDVHNLDY}	2387	>FGFR3-D64{ARDVHNLYY}	418	1969
>FGFR3-D64{ARDVHNLDY}	468	>FGFR3-D64{ARDVHNLYY}	139	329

>FGFR3-D64(LARDVHNLD	25597	>FGFR3-D64(LARDVHNLY	100	25497
>FGFR3-D64(LARDVHNLD\	2336	>FGFR3-D64(LARDVHNLYY	387	1949
>FGFR3-D64(LARDVHNLD\	266	>FGFR3-D64(LARDVHNLYY	38	228
>FGFR3-D64(LARDVHNLD	1378	>FGFR3-D64(LARDVHNLY	86	1292
>FGFR3-D64(LARDVHNLD\	498	>FGFR3-D64(LARDVHNLYY	36	462
>FGFR3-D64(LARDVHNLD\	381	>FGFR3-D64(LARDVHNLYY	79	302
>FGFR3-D64(LARDVHNLD	32187	>FGFR3-D64(LARDVHNLY	255	31932
>FGFR3-D64(LARDVHNLD\	185	>FGFR3-D64(LARDVHNLYY	58	127
>FGFR3-D64(LARDVHNLD	22385	>FGFR3-D64(LARDVHNLY	213	22172
>FGFR3-D64(LARDVHNLD\	153	>FGFR3-D64(LARDVHNLYY	92	61
>FGFR3-D64(LARDVHNLD\	218	>FGFR3-D64(LARDVHNLYY	139	79
>FGFR3-D64(LARDVHNLD\	280	>FGFR3-D64(LARDVHNLYY	206	74
>FGFR3-D64(LARDVHNLD\	761	>FGFR3-D64(LARDVHNLYY	323	438
>FGFR3-D64(LARDVHNLD	22222	>FGFR3-D64(LARDVHNLY	100	22122
>FGFR3-D64(LARDVHNLD\	38	>FGFR3-D64(LARDVHNLYY	17	21
>FGFR3-D64(LARDVHNLD\	50	>FGFR3-D64(LARDVHNLYY	22	28
>FGFR3-D64(LARDVHNLD	25108	>FGFR3-D64(LARDVHNLY	247	24861
>FGFR3-D64(LARDVHNLD\	352	>FGFR3-D64(LARDVHNLYY	220	132
>FGFR3-D64(LARDVHNLD\	596	>FGFR3-D64(LARDVHNLYY	187	409
>FGFR3-D64(LARDVHNLD	6154	>FGFR3-D64(LARDVHNLY	9	6145
>FGFR3-D64(LARDVHNLD\	484	>FGFR3-D64(LARDVHNLYY	127	357
>FGFR3-D64(LARDVHNLD\	58	>FGFR3-D64(LARDVHNLYY	66	8
>FGFR3-D64(GLARDVHNLI	1551	>FGFR3-D64(GLARDVHNLI	260	1291
>FGFR3-D64(GLARDVHNLI	27	>FGFR3-D64(GLARDVHNLI	14	13
>FGFR3-D64(GLARDVHNLI	29366	>FGFR3-D64(GLARDVHNLI	101	29265
>FGFR3-D64(GLARDVHNLI	220	>FGFR3-D64(GLARDVHNLI	80	140
>FGFR3-D64(GLARDVHNLI	26011	>FGFR3-D64(GLARDVHNLI	312	25699
>FGFR3-D64(GLARDVHNLI	217	>FGFR3-D64(GLARDVHNLI	123	94
>FGFR3-D64(GLARDVHNLI	22610	>FGFR3-D64(GLARDVHNLI	474	22136
>FGFR3-D64(GLARDVHNLI	350	>FGFR3-D64(GLARDVHNLI	166	184
>FGFR3-D64(GLARDVHNLI	463	>FGFR3-D64(GLARDVHNLI	457	6
>FGFR3-D64(GLARDVHNLI	293	>FGFR3-D64(GLARDVHNLI	150	143
>FGFR3-E322EVLSLHNV	4183	>FGFR3-E322KVLSLHNV	54	4129
>FGFR3-E322EVLSLHNV	1970	>FGFR3-E322KVLSLHNV	115	1855
>FGFR3-E322EVLSLHNV	2538	>FGFR3-E322KVLSLHNV	142	2396
>FGFR3-E322EVLSLHNV	597	>FGFR3-E322KVLSLHNV	22	575
>FGFR3-E322EVLSLHNV	194	>FGFR3-E322KVLSLHNV	14	180
>FGFR3-E322EVLSLHNV	1330	>FGFR3-E322KVLSLHNV	59	1271
>FGFR3-E322EVLSLHNV	232	>FGFR3-E322KVLSLHNV	22	210
>FGFR3-E322EVLSLHNV	72	>FGFR3-E322KVLSLHNV	52	20
>FGFR3-E322EVLSLHNV	100	>FGFR3-E322KVLSLHNV	15	85
>FGFR3-E322EVLSLHNVTF	1642	>FGFR3-E322KVLSLHNVTF	205	1437
>FGFR3-E322EVLSLHNV	210	>FGFR3-E322KVLSLHNV	7163	6953

>FGFR3-E322 EVLSLHNVTF	20	>FGFR3-E322 KVLSSLHNVTF	1854	1834
>FGFR3-E322 EVLSLHNVTF	297	>FGFR3-E322 KVLSSLHNVTF	5539	5242
>FGFR3-E322 EVLSLHNV	14279	>FGFR3-E322 KVLSSLHNV	91	14188
>FGFR3-E322 EVLSLHNV	6612	>FGFR3-E322 KVLSSLHNV	453	6159
>FGFR3-E322 EVLSLHNVTF	46	>FGFR3-E322 KVLSSLHNVTF	5	41
>FGFR3-E322 EVLSLHNV	12	>FGFR3-E322 KVLSSLHNV	2332	2320
>FGFR3-E322 EVLSLHNV	3	>FGFR3-E322 KVLSSLHNV	44	41
>FGFR3-E322 EVLSLHNVTF	2178	>FGFR3-E322 KVLSSLHNVTF	395	1783
>FGFR3-E322 EVLSLHNVTF	280	>FGFR3-E322 KVLSSLHNVTF	31	249
>FGFR3-E322 EVLSLHNVTF	1175	>FGFR3-E322 KVLSSLHNVTF	36	1139
>FGFR3-E322 EVLSLHNVTF	13846	>FGFR3-E322 KVLSSLHNVTF	87	13759
>FGFR3-E322 EVLSLHNVTF	5811	>FGFR3-E322 KVLSSLHNVTF	416	5395
>FGFR3-E322 LEVLSLHNV	23	>FGFR3-E322 LKVLSSLHNV	2359	2336
>FGFR3-E322 LEVLSLHNV	4883	>FGFR3-E322 LKVLSSLHNV	179	4704
>FGFR3-E322 LEVLSLHNVTF	46	>FGFR3-E322 LKVLSSLHNVTF	4	42
>FGFR3-E322 LEVLSLHNV	127	>FGFR3-E322 LKVLSSLHNV	22713	22586
>FGFR3-E322 LEVLSLHNVTF	9	>FGFR3-E322 LKVLSSLHNVTF	3139	3130
>FGFR3-E322 LEVLSLHNV	179	>FGFR3-E322 LKVLSSLHNV	22078	21899
>FGFR3-E322 LEVLSLHNVTF	47	>FGFR3-E322 LKVLSSLHNVTF	19253	19206
>FGFR3-E322 LEVLSLHNV	385	>FGFR3-E322 LKVLSSLHNV	30648	30263
>FGFR3-E322 LEVLSLHNVTF	367	>FGFR3-E322 LKVLSSLHNVTF	14475	14108
>FGFR3-E322 LEVLSLHNVTF	157	>FGFR3-E322 LKVLSSLHNVTF	18585	18428
>FGFR3-E322 LEVLSLHNV	18	>FGFR3-E322 LKVLSSLHNV	8966	8948
>FGFR3-E322 LEVLSLHNVTF	160	>FGFR3-E322 LKVLSSLHNVTF	20735	20575
>FGFR3-E322 ELEVLSLHNV	192	>FGFR3-E322 ELKVLSSLHNV	56	136
>FGFR3-E322 ELEVLSLHNV	222	>FGFR3-E322 ELKVLSSLHNV	468	246
>FGFR3-E322 ELEVLSLHNV	321	>FGFR3-E322 ELKVLSSLHNV	748	427
>FGFR3-E322 ELEVLSLHNV	245	>FGFR3-E322 ELKVLSSLHNV	402	157
>FGFR3-E322 ELEVLSLHNV	12	>FGFR3-E322 ELKVLSSLHNV	12	0
>FGFR3-E322 ELEVLSLHNV	126	>FGFR3-E322 ELKVLSSLHNV	229	103
>FGFR3-E322 KELEVLSL	37	>FGFR3-E322 KELKVLSL	36	1
>FGFR3-E322 KELEVLSLHNV	20	>FGFR3-E322 KELKVLSLHNV	28	8
>FGFR3-E322 KELEVLSL	236	>FGFR3-E322 KELKVLSL	1369	1133
>FGFR3-E322 KELEVLSLHNV	84	>FGFR3-E322 KELKVLSLHNV	264	180
>FGFR3-E322 KELEVLSLHNV	100	>FGFR3-E322 KELKVLSLHNV	1047	947
>FGFR3-E322 KELEVLSLHNV	378	>FGFR3-E322 KELKVLSLHNV	2988	2610
>FGFR3-E322 KELEVLSLHNV	128	>FGFR3-E322 KELKVLSLHNV	548	420
>FGFR3-E322 KELEVLSL	227	>FGFR3-E322 KELKVLSL	754	527
>FGFR3-E322 KELEVLSL	17	>FGFR3-E322 KELKVLSL	24	7
>FGFR3-E322 KELEVLSLHNV	82	>FGFR3-E322 KELKVLSLHNV	184	102
>FGFR3-E322 KELEVLSL	14	>FGFR3-E322 KELKVLSL	18	4
>FGFR3-E322 KELEVLSLHNV	70	>FGFR3-E322 KELKVLSLHNV	96	26
>FGFR3-E322 KELEVLSL	250	>FGFR3-E322 KELKVLSL	439	189

>FGFR3-E322KELEVLSLHN'	164	>FGFR3-E322KELKVLSLHN'	234	70
>FGFR3-E322KELEVLSLH	1857	>FGFR3-E322KELKVLSLH	477	1380
>FGFR3-E322KELEVLSL	223	>FGFR3-E322KELKVLSL	110	113
>FGFR3-E322KELEVLSLH	238	>FGFR3-E322KELKVLSLH	476	238
>FGFR3-E322KELEVLSLHN'	4	>FGFR3-E322KELKVLSLHN'	5	1
>FGFR3-E322TTDKKELEV	346	>FGFR3-E322TTDKELKV	754	408
>FGFR3-E322TTDKKELEV	118	>FGFR3-E322TTDKELKV	277	159
>FGFR3-E322TTDKKEVLSL	325	>FGFR3-E322TTDKELKVLSL	166	159
>FGFR3-E322NTTDKELEV	417	>FGFR3-E322NTTDKELKV	1234	817
>FGFR3-E322NTTDKELE	4581	>FGFR3-E322NTTDKELK	22	4559
>FGFR3-E322NTTDKELEV	95	>FGFR3-E322NTTDKELKV	290	195
>FGFR3-E46€ELSRARLTL	2391	>FGFR3-E46€KLSRARLTL	151	2240
>FGFR3-E46€ELSRARLTL	5358	>FGFR3-E46€KLSRARLTL	237	5121
>FGFR3-E46€ELSRARLTL	7329	>FGFR3-E46€KLSRARLTL	494	6835
>FGFR3-E46€ELSRARLTL	3490	>FGFR3-E46€KLSRARLTL	172	3318
>FGFR3-E46€ELSRARLTL	43	>FGFR3-E46€KLSRARLTL	12	31
>FGFR3-E46€ELSRARLTLG†	179	>FGFR3-E46€KLSRARLTLG†	32	147
>FGFR3-E46€ELSRARLTLG†	726	>FGFR3-E46€KLSRARLTLG†	42	684
>FGFR3-E46€ELSRARLTL	14185	>FGFR3-E46€KLSRARLTL	82	14103
>FGFR3-E46€ELSRARLTLG†	6525	>FGFR3-E46€KLSRARLTLG†	12	6513
>FGFR3-E46€ELSRARLTL	4126	>FGFR3-E46€KLSRARLTL	63	4063
>FGFR3-E46€ELSRARLTLG†	118	>FGFR3-E46€KLSRARLTLG†	7878	7760
>FGFR3-E46€ELSRARLTL	443	>FGFR3-E46€KLSRARLTL	1368	925
>FGFR3-E46€ELSRARLTLG†	4382	>FGFR3-E46€KLSRARLTLG†	475	3907
>FGFR3-E46€WELSRARLT	234	>FGFR3-E46€WKLSRARLT	5729	5495
>FGFR3-E46€WELSRARLTL	59	>FGFR3-E46€WKLSRARLTL	3038	2979
>FGFR3-E46€WELSRARL	2259	>FGFR3-E46€WKLSRARL	55	2204
>FGFR3-E46€WELSRARLTL	537	>FGFR3-E46€WKLSRARLTL	20	517
>FGFR3-E46€WELSRARL	259	>FGFR3-E46€WKLSRARL	21249	20990
>FGFR3-E46€WELSRARL	475	>FGFR3-E46€WKLSRARL	145	330
>FGFR3-E46€WELSRARLTL	103	>FGFR3-E46€WKLSRARLTL	41	62
>FGFR3-E46€WELSRARL	91	>FGFR3-E46€WKLSRARL	19328	19237
>FGFR3-E46€WELSRARL	368	>FGFR3-E46€WKLSRARL	30697	30329
>FGFR3-E46€WELSRARLTL	140	>FGFR3-E46€WKLSRARLTL	23567	23427
>FGFR3-E46€WELSRARL	249	>FGFR3-E46€WKLSRARL	16681	16432
>FGFR3-E46€WELSRARLT	197	>FGFR3-E46€WKLSRARLT	25088	24891
>FGFR3-E46€WELSRARLTL	18	>FGFR3-E46€WKLSRARLTL	7907	7889
>FGFR3-E46€WELSRARLTL	383	>FGFR3-E46€WKLSRARLTL	23871	23488
>FGFR3-E46€WELSRARLTL	1624	>FGFR3-E46€WKLSRARLTL	287	1337
>FGFR3-E46€KWELSRAR	8770	>FGFR3-E46€KWKLSRAR	157	8613
>FGFR3-E46€KWELSRARL	5760	>FGFR3-E46€KWKLSRARL	61	5699
>FGFR3-E46€KWELSRARLT	3129	>FGFR3-E46€KWKLSRARLT	23	3106
>FGFR3-E46€KWELSRAR	136	>FGFR3-E46€KWKLSRAR	16	120



>FGFR3-E46€KWELSRAR	14	>FGFR3-E46€KWKLSRAR	13	1
>FGFR3-E46€KWELSRAR	152	>FGFR3-E46€KWKLSRAR	218	66
>FGFR3-E46€KWELSRARL	157	>FGFR3-E46€KWKLSRARL	219	62
>FGFR3-E46€KWELSRARLT	67	>FGFR3-E46€KWKLSRARLT	93	26
>FGFR3-E46€DPKWELSR	257	>FGFR3-E46€DPKWKLSR	156	101
>FGFR3-E46€DPKWELSRAI	1142	>FGFR3-E46€DPKWKLSRAI	137	1005
>FGFR3-E46€LPADPKWEL	27	>FGFR3-E46€LPADPKWKL	56	29
>FGFR3-E46€LPADPKWEL	314	>FGFR3-E46€LPADPKWKL	1336	1022
>FGFR3-E46€LPADPKWEL	81	>FGFR3-E46€LPADPKWKL	120	39
>FGFR3-E46€ELPADPKWEI	332	>FGFR3-E46€ELPADPKWKI	492	160
>FGFR3-E46€ELPADPKWEI	72	>FGFR3-E46€ELPADPKWKI	143	71
>FGFR3-E46€ELPADPKWEI	308	>FGFR3-E46€ELPADPKWKI	463	155
>FGFR3-E46€ELPADPKWEI	457	>FGFR3-E46€ELPADPKWKI	605	148
>FGFR3-E46€ELPADPKWEI	22	>FGFR3-E46€ELPADPKWKI	34	12
>FGFR3-E46€ELPADPKWEI	497	>FGFR3-E46€ELPADPKWKI	1098	601
>FGFR3-E46€LELPADPKWE	27	>FGFR3-E46€LELPADPKWK	39	12
>FGFR3-E46€LELPADPKWE	40	>FGFR3-E46€LELPADPKWK	58	18
>FGFR3-E46€LELPADPKWE	124	>FGFR3-E46€LELPADPKWK	347	223
>FGFR3-E46€LELPADPKWE	448	>FGFR3-E46€LELPADPKWK	250	198
>FGFR3-E627TEDNVMKI	128	>FGFR3-E627TDDNVMKI	5824	5696
>FGFR3-E627TEDNVMKI	213	>FGFR3-E627TDDNVMKI	20447	20234
>FGFR3-E627TEDNVMKIAI	466	>FGFR3-E627TDDNVMKIAI	16651	16185
>FGFR3-E627TEDNVMKI	6193	>FGFR3-E627TDDNVMKI	129	6064
>FGFR3-E627VTEDNVMKI	1184	>FGFR3-E627VTDDNVMKI	44	1140
>FGFR3-E627VTEDNVMK	73	>FGFR3-E627VTDDNVMK	31	42
>FGFR3-E627VTEDNVMK	243	>FGFR3-E627VTDDNVMK	524	281
>FGFR3-E627VTEDNVMKI	4451	>FGFR3-E627VTDDNVMKI	365	4086
>FGFR3-E627VTEDNVMKI	105	>FGFR3-E627VTDDNVMKI	62	43
>FGFR3-E627LVTEDNVMK	597	>FGFR3-E627LVTDDNVMK	436	161
>FGFR3-E627LVTEDNVMK	144	>FGFR3-E627LVTDDNVMK	49	95
>FGFR3-E627LVTEDNVMK	267	>FGFR3-E627LVTDDNVMK	173	94
>FGFR3-E627LVTEDNVMK	56	>FGFR3-E627LVTDDNVMK	53	3
>FGFR3-E627LVTEDNVM	106	>FGFR3-E627LVTDDNVM	140	34
>FGFR3-E627LVTEDNVMK	498	>FGFR3-E627LVTDDNVMK	1288	790
>FGFR3-E627VLVTEDNV	40	>FGFR3-E627VLVTDDNV	46	6
>FGFR3-E627VLVTEDNVM	223	>FGFR3-E627VLVTDDNVM	282	59
>FGFR3-E627VLVTEDNV	68	>FGFR3-E627VLVTDDNV	49	19
>FGFR3-E627VLVTEDNVM	93	>FGFR3-E627VLVTDDNVM	81	12
>FGFR3-E627VLVTEDNV	291	>FGFR3-E627VLVTDDNV	173	118
>FGFR3-E627VLVTEDNV	20	>FGFR3-E627VLVTDDNV	21	1
>FGFR3-E627VLVTEDNVM	101	>FGFR3-E627VLVTDDNVM	86	15
>FGFR3-E627VLVTEDNV	20	>FGFR3-E627VLVTDDNV	12	8
>FGFR3-E627VLVTEDNVM	85	>FGFR3-E627VLVTDDNVM	49	36

>FGFR3-E627VLVTEDNV	19	>FGFR3-E627VLVTDDNV	16	3
>FGFR3-E627VLVTEDNVM	247	>FGFR3-E627VLVTDDNVM	187	60
>FGFR3-E627VLVTEDNV	87	>FGFR3-E627VLVTDDNV	73	14
>FGFR3-E627VLVTEDNVM	592	>FGFR3-E627VLVTDDNVM	404	188
>FGFR3-E627VLVTEDNV	6	>FGFR3-E627VLVTDDNV	6	0
>FGFR3-E627VLVTEDNVM	32	>FGFR3-E627VLVTDDNVM	25	7
>FGFR3-E627VLVTEDNVM	342	>FGFR3-E627VLVTDDNVM	231	111
>FGFR3-E627NVLVTEDNVI	476	>FGFR3-E627NVLVTDDNVI	560	84
>FGFR3-E627NVLVTEDNVI	84	>FGFR3-E627NVLVTDDNVI	74	10
>FGFR3-E627NVLVTEDNV	1021	>FGFR3-E627NVLVTDDNV	232	789
>FGFR3-E627NVLVTEDNV	210	>FGFR3-E627NVLVTDDNV	255	45
>FGFR3-E68€EIFTLGGSPY	734	>FGFR3-E68€KIFTLGGSPY	57	677
>FGFR3-E68€EIFTLGGSPY	144	>FGFR3-E68€KIFTLGGSPY	3977	3833
>FGFR3-E68€EIFTLGGSPY	88	>FGFR3-E68€KIFTLGGSPY	4243	4155
>FGFR3-E68€EIFTLGGSPY	31	>FGFR3-E68€KIFTLGGSPY	1746	1715
>FGFR3-E68€EIFTLGGSPY	240	>FGFR3-E68€KIFTLGGSPY	261	21
>FGFR3-E68€EIFTLGGSPY	740	>FGFR3-E68€KIFTLGGSPY	197	543
>FGFR3-E68€EIFTLGGSPY	8097	>FGFR3-E68€KIFTLGGSPY	242	7855
>FGFR3-E68€EIFTLGGSPY	75	>FGFR3-E68€KIFTLGGSPY	1701	1626
>FGFR3-E68€EIFTLGGSPY	2619	>FGFR3-E68€KIFTLGGSPY	69	2550
>FGFR3-E68€EIFTLGGSPY	113	>FGFR3-E68€KIFTLGGSPY	50	63
>FGFR3-E68€EIFTLGGSPY	77	>FGFR3-E68€KIFTLGGSPY	115	38
>FGFR3-E68€EIFTLGGSPY	340	>FGFR3-E68€KIFTLGGSPY	37	303
>FGFR3-E68€EIFTLGGSPY	1654	>FGFR3-E68€KIFTLGGSPY	75	1579
>FGFR3-E68€EIFTLGGSPY	881	>FGFR3-E68€KIFTLGGSPY	449	432
>FGFR3-E68€WEIFTLGGSP	261	>FGFR3-E68€WKIFTLGGSP	261	0
>FGFR3-E68€WEIFTLGGSP	101	>FGFR3-E68€WKIFTLGGSP	490	389
>FGFR3-E68€WEIFTLGGSP	194	>FGFR3-E68€WKIFTLGGSP	308	114
>FGFR3-E68€WEIFTLGGSP	153	>FGFR3-E68€WKIFTLGGSP	9	144
>FGFR3-E68€WEIFTLGGSP	4	>FGFR3-E68€WKIFTLGGSP	810	806
>FGFR3-E68€WEIFTLGGSP	452	>FGFR3-E68€WKIFTLGGSP	625	173
>FGFR3-E68€WEIFTLGGSP	431	>FGFR3-E68€WKIFTLGGSP	19672	19241
>FGFR3-E68€WEIFTLGGSP	477	>FGFR3-E68€WKIFTLGGSP	24683	24206
>FGFR3-E68€WEIFTLGGSP	425	>FGFR3-E68€WKIFTLGGSP	335	90
>FGFR3-E68€WEIFTLGGS	326	>FGFR3-E68€WKIFTLGGS	26808	26482
>FGFR3-E68€WEIFTLGGSP	391	>FGFR3-E68€WKIFTLGGSP	26367	25976
>FGFR3-E68€DVWSFGVLL\	26828	>FGFR3-E68€DVWSFGVLL\	219	26609
>FGFR3-E68€DVWSFGVLL\	5170	>FGFR3-E68€DVWSFGVLL\	113	5057
>FGFR3-E68€DVWSFGVLL\	9902	>FGFR3-E68€DVWSFGVLL\	40	9862
>FGFR3-E68€LWEIFTLG	379	>FGFR3-E68€LWKIFTLG	536	157
>FGFR3-E68€LWEIFTLGG	475	>FGFR3-E68€LWKIFTLGG	672	197
>FGFR3-E68€LWEIFTLGGS	274	>FGFR3-E68€LWKIFTLGGS	408	134
>FGFR3-E68€LLWEIFTL	8	>FGFR3-E68€LLWKIFTL	13	5

>FGFR3-E68€LLWEIFTLG	463	>FGFR3-E68€LLWKIFTLG	3165	2702
>FGFR3-E68€LLWEIFTLGG!	405	>FGFR3-E68€LLWKIFTLGG!	2128	1723
>FGFR3-E68€LLWEIFTL	18	>FGFR3-E68€LLWKIFTL	42	24
>FGFR3-E68€LLWEIFTLG	87	>FGFR3-E68€LLWKIFTLG	378	291
>FGFR3-E68€LLWEIFTLGG!	413	>FGFR3-E68€LLWKIFTLGG!	1200	787
>FGFR3-E68€LLWEIFTL	43	>FGFR3-E68€LLWKIFTL	135	92
>FGFR3-E68€LLWEIFTL	11	>FGFR3-E68€LLWKIFTL	50	39
>FGFR3-E68€LLWEIFTLGG!	279	>FGFR3-E68€LLWKIFTLGG!	1436	1157
>FGFR3-E68€LLWEIFTL	1	>FGFR3-E68€LLWKIFTL	3	2
>FGFR3-E68€LLWEIFTLG	89	>FGFR3-E68€LLWKIFTLG	1344	1255
>FGFR3-E68€LLWEIFTLGG	48	>FGFR3-E68€LLWKIFTLGG	427	379
>FGFR3-E68€LLWEIFTLGG!	31	>FGFR3-E68€LLWKIFTLGG!	332	301
>FGFR3-E68€LLWEIFTL	3	>FGFR3-E68€LLWKIFTL	6	3
>FGFR3-E68€LLWEIFTL	4	>FGFR3-E68€LLWKIFTL	6	2
>FGFR3-E68€LLWEIFTL	2	>FGFR3-E68€LLWKIFTL	4	2
>FGFR3-E68€LLWEIFTL	2	>FGFR3-E68€LLWKIFTL	2	0
>FGFR3-E68€LLWEIFTLG	182	>FGFR3-E68€LLWKIFTLG	1330	1148
>FGFR3-E68€LLWEIFTLGG	225	>FGFR3-E68€LLWKIFTLGG	1393	1168
>FGFR3-E68€LLWEIFTLGG!	126	>FGFR3-E68€LLWKIFTLGG!	784	658
>FGFR3-E68€LLWEIFTL	103	>FGFR3-E68€LLWKIFTL	154	51
>FGFR3-E68€LLWEIFTL	119	>FGFR3-E68€LLWKIFTL	825	706
>FGFR3-E68€LLWEIFTL	1665	>FGFR3-E68€LLWKIFTL	357	1308
>FGFR3-E68€LLWEIFTL	465	>FGFR3-E68€LLWKIFTL	316	149
>FGFR3-E68€VLLWEIFT	91	>FGFR3-E68€VLLWKIFT	158	67
>FGFR3-E68€VLLWEIFTL	9	>FGFR3-E68€VLLWKIFTL	10	1
>FGFR3-E68€VLLWEIFTL	67	>FGFR3-E68€VLLWKIFTL	105	38
>FGFR3-E68€VLLWEIFTL	275	>FGFR3-E68€VLLWKIFTL	148	127
>FGFR3-E68€VLLWEIFT	322	>FGFR3-E68€VLLWKIFT	539	217
>FGFR3-E68€VLLWEIFTL	16	>FGFR3-E68€VLLWKIFTL	22	6
>FGFR3-E68€VLLWEIFT	7	>FGFR3-E68€VLLWKIFT	6	1
>FGFR3-E68€VLLWEIFTL	1	>FGFR3-E68€VLLWKIFTL	1	0
>FGFR3-E68€VLLWEIFTLG	122	>FGFR3-E68€VLLWKIFTLG	174	52
>FGFR3-E68€VLLWEIFTLG!	65	>FGFR3-E68€VLLWKIFTLG!	61	4
>FGFR3-E68€VLLWEIFT	468	>FGFR3-E68€VLLWKIFT	732	264
>FGFR3-E68€VLLWEIFTL	5	>FGFR3-E68€VLLWKIFTL	5	0
>FGFR3-E68€VLLWEIFT	17	>FGFR3-E68€VLLWKIFT	24	7
>FGFR3-E68€VLLWEIFTL	4	>FGFR3-E68€VLLWKIFTL	5	1
>FGFR3-E68€VLLWEIFT	67	>FGFR3-E68€VLLWKIFT	88	21
>FGFR3-E68€VLLWEIFTL	3	>FGFR3-E68€VLLWKIFTL	2	1
>FGFR3-E68€VLLWEIFT	11	>FGFR3-E68€VLLWKIFT	11	0
>FGFR3-E68€VLLWEIFTL	2	>FGFR3-E68€VLLWKIFTL	2	0
>FGFR3-E68€VLLWEIFTLG	361	>FGFR3-E68€VLLWKIFTLG	523	162
>FGFR3-E68€VLLWEIFTLG!	415	>FGFR3-E68€VLLWKIFTLG!	447	32

>FGFR3-E68€VLLWEIFTL	113	>FGFR3-E68€VLLWKIFTL	85	28
>FGFR3-E68€VLLWEIFTL	5168	>FGFR3-E68€VLLWKIFTL	351	4817
>FGFR3-E68€GVLLWEIFTL	59	>FGFR3-E68€GVLLWKIFTL	90	31
>FGFR3-E68€GVLLWEIFTL	68	>FGFR3-E68€GVLLWKIFTL	130	62
>FGFR3-E68€GVLLWEIFTL	401	>FGFR3-E68€GVLLWKIFTL	559	158
>FGFR3-E68€GVLLWEIFTL	80	>FGFR3-E68€GVLLWKIFTL	131	51
>FGFR3-E68€GVLLWEIFTL	49	>FGFR3-E68€GVLLWKIFTL	51	2
>FGFR3-E68€GVLLWEIFTL	69	>FGFR3-E68€GVLLWKIFTL	110	41
>FGFR3-E68€GVLLWEIFTL	42	>FGFR3-E68€GVLLWKIFTL	65	23
>FGFR3-E68€GVLLWEIFTL	287	>FGFR3-E68€GVLLWKIFTL	390	103
>FGFR3-E68€GVLLWEIFTL	91	>FGFR3-E68€GVLLWKIFTL	96	5
>FGFR3-E68€FGVLLWEI	266	>FGFR3-E68€FGVLLWKI	936	670
>FGFR3-E68€FGVLLWEIFTI	468	>FGFR3-E68€FGVLLWKIFTI	890	422
>FGFR3-E68€FGVLLWEI	68	>FGFR3-E68€FGVLLWKI	257	189
>FGFR3-E68€FGVLLWEIFTI	89	>FGFR3-E68€FGVLLWKIFTI	188	99
>FGFR3-E68€FGVLLWEIF	444	>FGFR3-E68€FGVLLWKIF	807	363
>FGFR3-E68€FGVLLWEI	195	>FGFR3-E68€FGVLLWKI	720	525
>FGFR3-E68€SFGVLLWEI	267	>FGFR3-E68€SFGVLLWKI	302	35
>FGFR3-E68€SFGVLLWEI	400	>FGFR3-E68€SFGVLLWKI	311	89
>FGFR3-E68€SFGVLLWEI	15	>FGFR3-E68€SFGVLLWKI	28	13
>FGFR3-E68€SFGVLLWEIF	33	>FGFR3-E68€SFGVLLWKIF	60	27
>FGFR3-E68€SFGVLLWEI	263	>FGFR3-E68€SFGVLLWKI	272	9
>FGFR3-E68€SFGVLLWEIF	37	>FGFR3-E68€SFGVLLWKIF	61	24
>FGFR3-E68€WSFGVLLWE	383	>FGFR3-E68€WSFGVLLWK	590	207
>FGFR3-E68€WSFGVLLWE	85	>FGFR3-E68€WSFGVLLWK	171	86
>FGFR3-E68€WSFGVLLWE	87	>FGFR3-E68€WSFGVLLWK	177	90
>FGFR3-E68€WSFGVLLWE	19562	>FGFR3-E68€WSFGVLLWK	167	19395
>FGFR3-E68€WSFGVLLWE	23272	>FGFR3-E68€WSFGVLLWK	33	23239
>FGFR3-E68€WSFGVLLWE	6755	>FGFR3-E68€WSFGVLLWK	18	6737
>FGFR3-E68€WSFGVLLWE	219	>FGFR3-E68€WSFGVLLWK	409	190
>FGFR3-E68€WSFGVLLWE	199	>FGFR3-E68€WSFGVLLWK	305	106
>FGFR3-E68€WSFGVLLWE	193	>FGFR3-E68€WSFGVLLWK	401	208
>FGFR3-E68€WSFGVLLWE	41	>FGFR3-E68€WSFGVLLWK	27	14
>FGFR3-E68€WSFGVLLWE	107	>FGFR3-E68€WSFGVLLWK	95	12
>FGFR3-E68€WSFGVLLWE	14	>FGFR3-E68€WSFGVLLWK	9	5
>FGFR3-E68€WSFGVLLWE	270	>FGFR3-E68€WSFGVLLWK	402	132
>FGFR3-E68€WSFGVLLWE	131	>FGFR3-E68€WSFGVLLWK	120	11
>FGFR3-E68€WSFGVLLWE	85	>FGFR3-E68€WSFGVLLWK	84	1
>FGFR3-E68€WSFGVLLWE	34	>FGFR3-E68€WSFGVLLWK	170	136
>FGFR3-E68€WSFGVLLWE	241	>FGFR3-E68€WSFGVLLWK	185	56
>FGFR3-E68€WSFGVLLWE	447	>FGFR3-E68€WSFGVLLWK	246	201
>FGFR3-E68€WSFGVLLWE	5	>FGFR3-E68€WSFGVLLWK	5	0
>FGFR3-E68€WSFGVLLWE	289	>FGFR3-E68€WSFGVLLWK	164	125

>FGFR3-E68€VWSFGVLLW	9987	>FGFR3-E68€VWSFGVLLW	109	9878
>FGFR3-E68€VWSFGVLLW	29344	>FGFR3-E68€VWSFGVLLW	63	29281
>FGFR3-E68€VWSFGVLLW	249	>FGFR3-E68€VWSFGVLLW	286	37
>FGFR3-E68€VWSFGVLLW	158	>FGFR3-E68€VWSFGVLLW	140	18
>FGFR3-E68€VWSFGVLLW	68	>FGFR3-E68€VWSFGVLLW	139	71
>FGFR3-E68€VWSFGVLLW	6543	>FGFR3-E68€VWSFGVLLW	422	6121
>FGFR3-E68€VWSFGVLLW	12047	>FGFR3-E68€VWSFGVLLW	463	11584
>FGFR3-E68€VWSFGVLLW	112	>FGFR3-E68€VWSFGVLLW	124	12
>FGFR3-F384FLFILVVA	17	>FGFR3-F384LLFILVVA	71	54
>FGFR3-F384FLFILVVAA	15	>FGFR3-F384LLFILVVAA	48	33
>FGFR3-F384FLFILVVA AV	13	>FGFR3-F384LLFILVVA AV	33	20
>FGFR3-F384FLFILVVA AVT	76	>FGFR3-F384LLFILVVA AVT	871	795
>FGFR3-F384FLFILVVA	11	>FGFR3-F384LLFILVVA	89	78
>FGFR3-F384FLFILVVAA	9	>FGFR3-F384LLFILVVAA	60	51
>FGFR3-F384FLFILVVA AV	12	>FGFR3-F384LLFILVVA AV	26	14
>FGFR3-F384FLFILVVA AVT	70	>FGFR3-F384LLFILVVA AVT	580	510
>FGFR3-F384FLFILVVA	8	>FGFR3-F384LLFILVVA	51	43
>FGFR3-F384FLFILVVAA	6	>FGFR3-F384LLFILVVAA	27	21
>FGFR3-F384FLFILVVA AV	7	>FGFR3-F384LLFILVVA AV	12	5
>FGFR3-F384FLFILVVA AVT	36	>FGFR3-F384LLFILVVA AVT	323	287
>FGFR3-F384FLFILVVA	98	>FGFR3-F384LLFILVVA	469	371
>FGFR3-F384FLFILVVAA	102	>FGFR3-F384LLFILVVAA	452	350
>FGFR3-F384FLFILVVA AV	34	>FGFR3-F384LLFILVVA AV	73	39
>FGFR3-F384FLFILVVA	3	>FGFR3-F384LLFILVVA	8	5
>FGFR3-F384FLFILVVAA	2	>FGFR3-F384LLFILVVAA	4	2
>FGFR3-F384FLFILVVA AV	1	>FGFR3-F384LLFILVVA AV	1	0
>FGFR3-F384FLFILVVA AVT	6	>FGFR3-F384LLFILVVA AVT	34	28
>FGFR3-F384FLFILVVA	29	>FGFR3-F384LLFILVVA	194	165
>FGFR3-F384FLFILVVAA	25	>FGFR3-F384LLFILVVAA	139	114
>FGFR3-F384FLFILVVA AV	3	>FGFR3-F384LLFILVVA AV	5	2
>FGFR3-F384FLFILVVA AVT	301	>FGFR3-F384LLFILVVA AVT	2654	2353
>FGFR3-F384FLFILVVA	8	>FGFR3-F384LLFILVVA	25	17
>FGFR3-F384FLFILVVAA	8	>FGFR3-F384LLFILVVAA	22	14
>FGFR3-F384FLFILVVA AV	3	>FGFR3-F384LLFILVVA AV	4	1
>FGFR3-F384FLFILVVA AVT	40	>FGFR3-F384LLFILVVA AVT	390	350
>FGFR3-F384FLFILVVA	259	>FGFR3-F384LLFILVVA	1305	1046
>FGFR3-F384FLFILVVAA	242	>FGFR3-F384LLFILVVAA	1720	1478
>FGFR3-F384FLFILVVA AV	3	>FGFR3-F384LLFILVVA AV	4	1
>FGFR3-F384FLFILVVA	3	>FGFR3-F384LLFILVVA	8	5
>FGFR3-F384FLFILVVAA	3	>FGFR3-F384LLFILVVAA	6	3
>FGFR3-F384FLFILVVA AV	1	>FGFR3-F384LLFILVVA AV	2	1
>FGFR3-F384FLFILVVA AVT	11	>FGFR3-F384LLFILVVA AVT	50	39
>FGFR3-F384FLFILVVAA	949	>FGFR3-F384LLFILVVAA	461	488

>FGFR3-F384FLFILVVAA	413	>FGFR3-F384LLFILVVAA	2077	1664
>FGFR3-F384FLFILVVA AV	138	>FGFR3-F384LLFILVVA AV	237	99
>FGFR3-F384FLFILVVA AV	28	>FGFR3-F384LLFILVVA AV	347	319
>FGFR3-F384FLFILVVAA	400	>FGFR3-F384LLFILVVAA	309	91
>FGFR3-F384FLFILVVA AV	301	>FGFR3-F384LLFILVVA AV	238	63
>FGFR3-F384FLFILVVAA	273	>FGFR3-F384LLFILVVAA	495	222
>FGFR3-F384FLFILVVA AV	115	>FGFR3-F384LLFILVVA AV	225	110
>FGFR3-F384FLFILVVAA	237	>FGFR3-F384LLFILVVAA	1675	1438
>FGFR3-F384FFLFILVV	242	>FGFR3-F384LLFILVV	7	235
>FGFR3-F384FFLFILVVA	2486	>FGFR3-F384LLFILVVA	17	2469
>FGFR3-F384FFLFILVVAA	2819	>FGFR3-F384LLFILVVAA	46	2773
>FGFR3-F384FFLFILVVA AV	155	>FGFR3-F384LLFILVVA AV	8	147
>FGFR3-F384FFLFILVV	198	>FGFR3-F384LLFILVV	13	185
>FGFR3-F384FFLFILVVA	472	>FGFR3-F384LLFILVVA	22	450
>FGFR3-F384FFLFILVVAA	2803	>FGFR3-F384LLFILVVAA	57	2746
>FGFR3-F384FFLFILVVA AV	40	>FGFR3-F384LLFILVVA AV	5	35
>FGFR3-F384FFLFILVV	1521	>FGFR3-F384LLFILVV	8	1513
>FGFR3-F384FFLFILVVA	3411	>FGFR3-F384LLFILVVA	21	3390
>FGFR3-F384FFLFILVVAA	4794	>FGFR3-F384LLFILVVAA	81	4713
>FGFR3-F384FFLFILVVA AV	404	>FGFR3-F384LLFILVVA AV	4	400
>FGFR3-F384FFLFILVV	138	>FGFR3-F384LLFILVV	6	132
>FGFR3-F384FFLFILVVA	895	>FGFR3-F384LLFILVVA	33	862
>FGFR3-F384FFLFILVVAA	579	>FGFR3-F384LLFILVVAA	61	518
>FGFR3-F384FFLFILVVA AV	42	>FGFR3-F384LLFILVVA AV	6	36
>FGFR3-F384FFLFILVV	41	>FGFR3-F384LLFILVV	1	40
>FGFR3-F384FFLFILVVA	2921	>FGFR3-F384LLFILVVA	3	2918
>FGFR3-F384FFLFILVVAA	1228	>FGFR3-F384LLFILVVAA	2	1226
>FGFR3-F384FFLFILVVA AV	17	>FGFR3-F384LLFILVVA AV	1	16
>FGFR3-F384FFLFILVV	602	>FGFR3-F384LLFILVV	3	599
>FGFR3-F384FFLFILVVA	7874	>FGFR3-F384LLFILVVA	8	7866
>FGFR3-F384FFLFILVVAA	5759	>FGFR3-F384LLFILVVAA	8	5751
>FGFR3-F384FFLFILVVA AV	105	>FGFR3-F384LLFILVVA AV	2	103
>FGFR3-F384FFLFILVV	76	>FGFR3-F384LLFILVV	4	72
>FGFR3-F384FFLFILVVA	5245	>FGFR3-F384LLFILVVA	11	5234
>FGFR3-F384FFLFILVVAA	4052	>FGFR3-F384LLFILVVAA	9	4043
>FGFR3-F384FFLFILVVA AV	70	>FGFR3-F384LLFILVVA AV	4	66
>FGFR3-F384FFLFILVV	266	>FGFR3-F384LLFILVV	2	264
>FGFR3-F384FFLFILVVA	5800	>FGFR3-F384LLFILVVA	7	5793
>FGFR3-F384FFLFILVVAA	6387	>FGFR3-F384LLFILVVAA	9	6378
>FGFR3-F384FFLFILVVA AV	72	>FGFR3-F384LLFILVVA AV	2	70
>FGFR3-F384FFLFILVV	107	>FGFR3-F384LLFILVV	1	106
>FGFR3-F384FFLFILVVA	10379	>FGFR3-F384LLFILVVA	4	10375
>FGFR3-F384FFLFILVVAA	9845	>FGFR3-F384LLFILVVAA	4	9841

>FGFR3-F384FFLFILVVAAV	98	>FGFR3-F384FLLFILVVAAV	2	96
>FGFR3-F384FFLFILVV	367	>FGFR3-F384FLLFILVV	14245	13878
>FGFR3-F384FFLFILVVAAV	449	>FGFR3-F384FLLFILVVAAV	14163	13714
>FGFR3-F384FFLFILVVAAV	1132	>FGFR3-F384FLLFILVVAAV	147	985
>FGFR3-F384FFLFILVV	1525	>FGFR3-F384FLLFILVV	44	1481
>FGFR3-F384FFLFILVVAAV	357	>FGFR3-F384FLLFILVVAAV	14	343
>FGFR3-F384FFLFILVVA	284	>FGFR3-F384FLLFILVVA	284	0
>FGFR3-F384AGILSYGVGFI	450	>FGFR3-F384AGILSYGVGFI	4997	4547
>FGFR3-F384GFFLFILV	311	>FGFR3-F384GFFLFILV	1527	1216
>FGFR3-F384GFFLFILVV	415	>FGFR3-F384GFFLFILVV	701	286
>FGFR3-F384GFFLFILV	383	>FGFR3-F384GFFLFILV	385	2
>FGFR3-F384VGFFLFIL	191	>FGFR3-F384VGFFLFIL	131	60
>FGFR3-F384VGFFLFILV	45	>FGFR3-F384VGFFLFILV	50	5
>FGFR3-F384VGFFLFILV	223	>FGFR3-F384VGFFLFILV	285	62
>FGFR3-F384VGFFLFILV	372	>FGFR3-F384VGFFLFILV	1419	1047
>FGFR3-F384VGFFLFILV	424	>FGFR3-F384VGFFLFILV	1223	799
>FGFR3-F384GVGFFLFILV	247	>FGFR3-F384GVGFFLFILV	405	158
>FGFR3-F384GVGFFLFILV	494	>FGFR3-F384GVGFFLFILV	846	352
>FGFR3-F384GVGFFLFIL	417	>FGFR3-F384GVGFFLFIL	673	256
>FGFR3-F384GVGFFLFILV	181	>FGFR3-F384GVGFFLFILV	328	147
>FGFR3-F384GVGFFLFILV	361	>FGFR3-F384GVGFFLFILV	666	305
>FGFR3-F384GVGFFLFILV	181	>FGFR3-F384GVGFFLFILV	254	73
>FGFR3-F384GVGFFLFILV	124	>FGFR3-F384GVGFFLFILV	290	166
>FGFR3-F384GVGFFLFILV	77	>FGFR3-F384GVGFFLFILV	156	79
>FGFR3-F384GVGFFLFILV	271	>FGFR3-F384GVGFFLFILV	351	80
>FGFR3-F384GVGFFLFILV	261	>FGFR3-F384GVGFFLFILV	302	41
>FGFR3-F384GVGFFLFILV	114	>FGFR3-F384GVGFFLFILV	103	11
>FGFR3-F384GVGFFLFILV	150	>FGFR3-F384GVGFFLFILV	126	24
>FGFR3-F384GVGFFLFILV	105	>FGFR3-F384GVGFFLFILV	175	70
>FGFR3-F384GVGFFLFILV	97	>FGFR3-F384GVGFFLFILV	163	66
>FGFR3-F384GVGFFLFILV	312	>FGFR3-F384GVGFFLFILV	828	516
>FGFR3-F384YGVGFFLFI	349	>FGFR3-F384YGVGFFLFI	223	126
>FGFR3-F384YGVGFFLFILV	230	>FGFR3-F384YGVGFFLFILV	215	15
>FGFR3-F384YGVGFFLF	262	>FGFR3-F384YGVGFFLF	1065	803
>FGFR3-F384YGVGFFLFI	22	>FGFR3-F384YGVGFFLFI	32	10
>FGFR3-F384YGVGFFLFIL	207	>FGFR3-F384YGVGFFLFIL	245	38
>FGFR3-F384YGVGFFLFILV	14	>FGFR3-F384YGVGFFLFILV	17	3
>FGFR3-F384YGVGFFLFILV	251	>FGFR3-F384YGVGFFLFILV	208	43
>FGFR3-F384YGVGFFLFILV	258	>FGFR3-F384YGVGFFLFILV	213	45
>FGFR3-F384YGVGFFLF	260	>FGFR3-F384YGVGFFLF	809	549
>FGFR3-F384YGVGFFLF	113	>FGFR3-F384YGVGFFLF	133	20
>FGFR3-F384YGVGFFLFILV	163	>FGFR3-F384YGVGFFLFILV	345	182
>FGFR3-F384YGVGFFLFILV	473	>FGFR3-F384YGVGFFLFILV	767	294

>FGFR3-F384YGVGFLLF	460	>FGFR3-F384YGVGFLLF	519	59
>FGFR3-F384YGVGFLLF	476	>FGFR3-F384YGVGFLLF	215	261
>FGFR3-F384YGVGFLLF	195	>FGFR3-F384YGVGFLLF	325	130
>FGFR3-F384YGVGFLLFI	194	>FGFR3-F384YGVGFLLFI	673	479
>FGFR3-F384YGVGFLLFIL	185	>FGFR3-F384YGVGFLLFIL	498	313
>FGFR3-F384YGVGFLLFILV	371	>FGFR3-F384YGVGFLLFILV	672	301
>FGFR3-F384YGVGFLLF	525	>FGFR3-F384YGVGFLLF	362	163
>FGFR3-F384SYGVGFLL	219	>FGFR3-F384SYGVGFLL	725	506
>FGFR3-F384SYGVGFLLFI	197	>FGFR3-F384SYGVGFLLFI	211	14
>FGFR3-F384SYGVGFLL	512	>FGFR3-F384SYGVGFLL	396	116
>FGFR3-F384SYGVGFLLF	14	>FGFR3-F384SYGVGFLLF	20	6
>FGFR3-F384SYGVGFLLFIL	178	>FGFR3-F384SYGVGFLLFIL	248	70
>FGFR3-F384SYGVGFLL	103	>FGFR3-F384SYGVGFLL	98	5
>FGFR3-F384SYGVGFLLF	11	>FGFR3-F384SYGVGFLLF	18	7
>FGFR3-F384SYGVGFLLFIL	92	>FGFR3-F384SYGVGFLLFIL	123	31
>FGFR3-F384SYGVGFLL	6	>FGFR3-F384SYGVGFLL	8	2
>FGFR3-F384SYGVGFLLF	5	>FGFR3-F384SYGVGFLLF	5	0
>FGFR3-F384SYGVGFLLFI	6	>FGFR3-F384SYGVGFLLFI	7	1
>FGFR3-F384SYGVGFLLFIL	9	>FGFR3-F384SYGVGFLLFIL	9	0
>FGFR3-F384SYGVGFLLF	50	>FGFR3-F384SYGVGFLLF	36	14
>FGFR3-F384SYGVGFLLF	1092	>FGFR3-F384SYGVGFLLF	190	902
>FGFR3-F384SYGVGFLL	203	>FGFR3-F384SYGVGFLL	195	8
>FGFR3-F384SYGVGFLLF	133	>FGFR3-F384SYGVGFLLF	118	15
>FGFR3-F384SYGVGFLLFI	17	>FGFR3-F384SYGVGFLLFI	27	10
>FGFR3-F384SYGVGFLLFIL	117	>FGFR3-F384SYGVGFLLFIL	124	7
>FGFR3-F384SYGVGFLL	281	>FGFR3-F384SYGVGFLL	1110	829
>FGFR3-F384SYGVGFLLFI	75	>FGFR3-F384SYGVGFLLFI	110	35
>FGFR3-F384LSYGVGFF	5476	>FGFR3-F384LSYGVGFL	67	5409
>FGFR3-F384LSYGVGFFL	1349	>FGFR3-F384LSYGVGFL	286	1063
>FGFR3-F384LSYGVGFFLFI	110	>FGFR3-F384LSYGVGFFLFI	110	0
>FGFR3-F384LSYGVGFFL	389	>FGFR3-F384LSYGVGFFL	2551	2162
>FGFR3-F384LSYGVGFF	5747	>FGFR3-F384LSYGVGFL	346	5401
>FGFR3-F384LSYGVGFFL	82	>FGFR3-F384LSYGVGFL	153	71
>FGFR3-F384LSYGVGFFLFI	278	>FGFR3-F384LSYGVGFFLFI	246	32
>FGFR3-F384LSYGVGFFL	60	>FGFR3-F384LSYGVGFL	233	173
>FGFR3-F384LSYGVGFFLFI	76	>FGFR3-F384LSYGVGFFLFI	118	42
>FGFR3-F384LSYGVGFF	12395	>FGFR3-F384LSYGVGFL	428	11967
>FGFR3-F384LSYGVGFFL	54	>FGFR3-F384LSYGVGFL	214	160
>FGFR3-F384LSYGVGFFLFI	144	>FGFR3-F384LSYGVGFFLFI	135	9
>FGFR3-F384LSYGVGFFL	253	>FGFR3-F384LSYGVGFL	1728	1475
>FGFR3-F384LSYGVGFFLF	127	>FGFR3-F384LSYGVGFFLF	283	156
>FGFR3-F384LSYGVGFFLF	331	>FGFR3-F384LSYGVGFFLF	744	413
>FGFR3-F384LSYGVGFF	358	>FGFR3-F384LSYGVGFL	2134	1776



>FGFR3-F384LSYGVGFFLF	48	>FGFR3-F384LSYGVGFFLLF	57	9
>FGFR3-F384LSYGVGFFLF	328	>FGFR3-F384LSYGVGFFLLF	929	601
>FGFR3-F384LSYGVGFFLF	398	>FGFR3-F384LSYGVGFFLLF	464	66
>FGFR3-F384LSYGVGFFL	303	>FGFR3-F384LSYGVGFFLL	718	415
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>FGFR3-F384LSYGVGFF	87	>FGFR3-F384LSYGVGFFL	2129	2042
>FGFR3-F384LSYGVGFFLF	109	>FGFR3-F384LSYGVGFFLLF	79	30
>FGFR3-F384LSYGVGFF	102	>FGFR3-F384LSYGVGFFL	2020	1918
>FGFR3-F384LSYGVGFFLF	51	>FGFR3-F384LSYGVGFFLLF	35	16
>FGFR3-F384LSYGVGFF	4	>FGFR3-F384LSYGVGFFL	13	9
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>FGFR3-F384LSYGVGFFLF	4	>FGFR3-F384LSYGVGFFLLF	4	0
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>FGFR3-F384LSYGVGFF	152	>FGFR3-F384LSYGVGFFL	1302	1150
>FGFR3-F384LSYGVGFFL	199	>FGFR3-F384LSYGVGFFLL	260	61
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>FGFR3-F384LSYGVGFF	21	>FGFR3-F384LSYGVGFFL	171	150
>FGFR3-F384LSYGVGFFL	31	>FGFR3-F384LSYGVGFFLL	26	5
>FGFR3-F384LSYGVGFFLF	11	>FGFR3-F384LSYGVGFFLLF	12	1
>FGFR3-F384LSYGVGFFLFI	24	>FGFR3-F384LSYGVGFFLLFI	23	1
>FGFR3-F384LSYGVGFFL	18	>FGFR3-F384LSYGVGFFLL	17	1
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>FGFR3-F384LSYGVGFFLFI	43	>FGFR3-F384LSYGVGFFLLFI	74	31
>FGFR3-F384LSYGVGFF	226	>FGFR3-F384LSYGVGFFL	1110	884
>FGFR3-F384LSYGVGFFL	41	>FGFR3-F384LSYGVGFFLL	20	21
>FGFR3-F384LSYGVGFFLF	33	>FGFR3-F384LSYGVGFFLLF	30	3
>FGFR3-F384LSYGVGFFLFI	77	>FGFR3-F384LSYGVGFFLLFI	80	3
>FGFR3-F384LSYGVGFF	368	>FGFR3-F384LSYGVGFFL	3093	2725
>FGFR3-F384LSYGVGFF	846	>FGFR3-F384LSYGVGFFL	43	803
>FGFR3-F384LSYGVGFFL	31	>FGFR3-F384LSYGVGFFLL	41	10
>FGFR3-F384LSYGVGFFLFI	8	>FGFR3-F384LSYGVGFFLLFI	8	0
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>FGFR3-F384ILSYGVGFFL	23	>FGFR3-F384ILSYGVGFFLL	51	28
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>FGFR3-F384ILSYGVGFFL	10	>FGFR3-F384ILSYGVGFFLL	12	2
>FGFR3-F384ILSYGVGFFLF	239	>FGFR3-F384ILSYGVGFFLLF	871	632
>FGFR3-F384ILSYGVGFF	901	>FGFR3-F384ILSYGVGFFL	9	892
>FGFR3-F384ILSYGVGFFL	273	>FGFR3-F384ILSYGVGFFLL	315	42
>FGFR3-F384ILSYGVGFF	2760	>FGFR3-F384ILSYGVGFFL	397	2363
>FGFR3-F384ILSYGVGFFL	303	>FGFR3-F384ILSYGVGFFLL	467	164
>FGFR3-F384ILSYGVGFF	4477	>FGFR3-F384ILSYGVGFFL	43	4434
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>FGFR3-F384ILSYGVGFF	16212	>FGFR3-F384ILSYGVGFL	211	16001
>FGFR3-F384ILSYGVGFFL	37	>FGFR3-F384ILSYGVGFLL	101	64
>FGFR3-F384ILSYGVGFF	15185	>FGFR3-F384ILSYGVGFL	63	15122
>FGFR3-F384ILSYGVGFFL	17	>FGFR3-F384ILSYGVGFLL	39	22
>FGFR3-F384ILSYGVGFF	12165	>FGFR3-F384ILSYGVGFL	72	12093
>FGFR3-F384ILSYGVGFFL	19	>FGFR3-F384ILSYGVGFLL	59	40
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>FGFR3-F384ILSYGVGFFL	8	>FGFR3-F384ILSYGVGFLL	9	1
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>FGFR3-F384ILSYGVGFFLF	76	>FGFR3-F384ILSYGVGFLLF	59	17
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>FGFR3-F384ILSYGVGFFLF	112	>FGFR3-F384ILSYGVGFLLF	79	33
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>FGFR3-F384ILSYGVGFF	316	>FGFR3-F384ILSYGVGFL	2032	1716
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>FGFR3-F384GILSYGVGFFI	22	>FGFR3-F384GILSYGVGFLL	52	30
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>FGFR3-F384GILSYGVGFF	23167	>FGFR3-F384GILSYGVGFL	473	22694
>FGFR3-F384GILSYGVGFFI	85	>FGFR3-F384GILSYGVGFLL	104	19
>FGFR3-G37(GSVYAGILSY	1066	>FGFR3-G37(CSVYAGILSY	469	597
>FGFR3-G37(GSVYAGILSY	306	>FGFR3-G37(CSVYAGILSY	341	35
>FGFR3-G37(GSVYAGILSY	267	>FGFR3-G37(CSVYAGILSY	524	257
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>FGFR3-G37(GSVYAGILSY	242	>FGFR3-G37(CSVYAGILSY	111	131
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>FGFR3-G37(GSVYAGIL	2086	>FGFR3-G37(CSVYAGIL	291	1795
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>FGFR3-G37(AGSVYAGI	342	>FGFR3-G37(ACSVYAGI	6013	5671
>FGFR3-G37(AGSVYAGILS'	623	>FGFR3-G37(ACSVYAGILS'	454	169
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>FGFR3-G37(AGSVYAGILS'	178	>FGFR3-G37(ACSVYAGILS'	1319	1141
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>FGFR3-G37(EAGSVYAGI	22	>FGFR3-G37(EACSVYAGI	16	6
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>FGFR3-G37(DEAGSVYA	237	>FGFR3-G37(DEACSVYA	419	182
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>FGFR3-G37(EADEAGSVYA	1018	>FGFR3-G37(EADEACSVYA	283	735
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>FGFR3-G37(LVEADEAGSV	56	>FGFR3-G37(LVEADEACSV	14	42
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>FGFR3-G37(ELVEADEAGS	185	>FGFR3-G37(ELVEADEACS	253	68
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>FGFR3-G37(ELVEADEAGS	28	>FGFR3-G37(ELVEADEACS	23	5
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>FGFR3-G38(GVGFFLFILV	247	>FGFR3-G38(EVGFFLFILV	989	742
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>FGFR3-G38(GVGFFLFIL	417	>FGFR3-G38(EVGFFLFIL	2858	2441
>FGFR3-G38(GVGFFLFILV	181	>FGFR3-G38(EVGFFLFILV	713	532
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>FGFR3-G38(GVGFFLFILV	97	>FGFR3-G38(EVGFFLFILVV	1167	1070
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>FGFR3-G38(GVGFFLFILV	312	>FGFR3-G38(EVGFFLFILV	26	286
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>FGFR3-G38(YGVGFFLFI	1519	>FGFR3-G38(YEVGFFLFI	7	1512
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>FGFR3-G38(YGVGFFLFILV	19261	>FGFR3-G38(YEVGFFLFILV	55	19206
>FGFR3-G38(YGVGFFLFI	349	>FGFR3-G38(YEVGFFLFI	862	513
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>FGFR3-G38(YGVGFFLFL	260	>FGFR3-G38(YEVGFFLFL	274	14
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>FGFR3-G38(YGVGFFLFILV	163	>FGFR3-G38(YEVGFFLFILV	1190	1027
>FGFR3-G38(YGVGFFLFILV	473	>FGFR3-G38(YEVGFFLFILV	2265	1792
>FGFR3-G38(YGVGFFLFL	460	>FGFR3-G38(YEVGFFLFL	89	371
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>FGFR3-G38(YGVGFFLFI	18339	>FGFR3-G38(YEVGFFLFI	28	18311
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>FGFR3-G38(YGVGFFLFL	195	>FGFR3-G38(YEVGFFLFL	1733	1538
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>FGFR3-G38(YGVGFFLFIL	28411	>FGFR3-G38(YEVGFFLFIL	44	28367
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>FGFR3-G38(YGVGFFLFILV	371	>FGFR3-G38(YEVGFFLFILV	4409	4038
>FGFR3-G38(YGVGFFLFL	30789	>FGFR3-G38(YEVGFFLFL	383	30406
>FGFR3-G38(YGVGFFLFI	14662	>FGFR3-G38(YEVGFFLFI	6	14656
>FGFR3-G38(YGVGFFLFIL	26818	>FGFR3-G38(YEVGFFLFIL	77	26741
>FGFR3-G38(YGVGFFLFILV	13588	>FGFR3-G38(YEVGFFLFILV	7	13581
>FGFR3-G38(SYGVGFFL	219	>FGFR3-G38(SYEVGFFL	104	115
>FGFR3-G38(SYGVGFFLFI	197	>FGFR3-G38(SYEVGFFLFI	86	111
>FGFR3-G38(SYGVGFFLFL	14	>FGFR3-G38(SYEVGFFLFL	18	4
>FGFR3-G38(SYGVGFFLFIL	178	>FGFR3-G38(SYEVGFFLFIL	328	150
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>FGFR3-G38(SYGVGFFLF	133	>FGFR3-G38(SYEVGFFLF	133	0
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>FGFR3-G38(SYGVGFFLFIL	117	>FGFR3-G38(SYEVGFFLFIL	114	3
>FGFR3-G38(SYGVGFFL	281	>FGFR3-G38(SYEVGFFL	143	138
>FGFR3-G38(SYGVGFFLFI	75	>FGFR3-G38(SYEVGFFLFI	82	7
>FGFR3-G38(LSYGVGFFLFI	528	>FGFR3-G38(LSYEVGFFLFI	489	39
>FGFR3-G38(LSYGVGFFLFI	110	>FGFR3-G38(LSYEVGFFLFI	41	69
>FGFR3-G38(LSYGVGFFL	389	>FGFR3-G38(LSYEVGFFL	1285	896
>FGFR3-G38(LSYGVGFFL	732	>FGFR3-G38(LSYEVGFFL	159	573
>FGFR3-G38(LSYGVGFFLFI	928	>FGFR3-G38(LSYEVGFFLFI	298	630
>FGFR3-G38(LSYGVGFFL	82	>FGFR3-G38(LSYEVGFFL	62	20
>FGFR3-G38(LSYGVGFFLFI	278	>FGFR3-G38(LSYEVGFFLFI	220	58
>FGFR3-G38(LSYGVGFFL	60	>FGFR3-G38(LSYEVGFFL	14	46
>FGFR3-G38(LSYGVGFFLFI	76	>FGFR3-G38(LSYEVGFFLFI	23	53
>FGFR3-G38(LSYGVGFFL	54	>FGFR3-G38(LSYEVGFFL	17	37
>FGFR3-G38(LSYGVGFFLFI	144	>FGFR3-G38(LSYEVGFFLFI	55	89
>FGFR3-G38(LSYGVGFFL	253	>FGFR3-G38(LSYEVGFFL	87	166
>FGFR3-G38(LSYGVGFFLF	127	>FGFR3-G38(LSYEVGFFLF	150	23
>FGFR3-G38(LSYGVGFFLF	331	>FGFR3-G38(LSYEVGFFLF	524	193
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>FGFR3-G38(LSYGVGFFLF	328	>FGFR3-G38(LSYEVGFFLF	816	488
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>FGFR3-G38(LSYGVGFFL	303	>FGFR3-G38(LSYEVGFFL	217	86
>FGFR3-G38(LSYGVGFFLFI	264	>FGFR3-G38(LSYEVGFFLFI	207	57
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>FGFR3-G38(LSYGVGFFLFI	462	>FGFR3-G38(LSYEVGFFLFI	103	359
>FGFR3-G38(LSYGVGFF	87	>FGFR3-G38(LSYEVGFF	91	4
>FGFR3-G38(LSYGVGFFLF	109	>FGFR3-G38(LSYEVGFFLF	101	8
>FGFR3-G38(LSYGVGFF	102	>FGFR3-G38(LSYEVGFF	51	51
>FGFR3-G38(LSYGVGFFLF	51	>FGFR3-G38(LSYEVGFFLF	23	28
>FGFR3-G38(LSYGVGFFLFI	626	>FGFR3-G38(LSYEVGFFLFI	280	346
>FGFR3-G38(LSYGVGFF	4	>FGFR3-G38(LSYEVGFF	6	2
>FGFR3-G38(LSYGVGFFL	12	>FGFR3-G38(LSYEVGFFL	25	13
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>FGFR3-G38( LSYGVGFFL	199	>FGFR3-G38( LSYEVGFFL	406	207
>FGFR3-G38( LSYGVGFFLF	76	>FGFR3-G38( LSYEVGFFLF	101	25
>FGFR3-G38( LSYGVGFF	21	>FGFR3-G38( LSYEVGFF	22	1
>FGFR3-G38( LSYGVGFFL	31	>FGFR3-G38( LSYEVGFFL	31	0
>FGFR3-G38( LSYGVGFFLF	11	>FGFR3-G38( LSYEVGFFLF	11	0
>FGFR3-G38( LSYGVGFFLFI	24	>FGFR3-G38( LSYEVGFFLFI	25	1
>FGFR3-G38( LSYGVGFFL	18	>FGFR3-G38( LSYEVGFFL	18	0
>FGFR3-G38( LSYGVGFFLF	27	>FGFR3-G38( LSYEVGFFLF	28	1
>FGFR3-G38( LSYGVGFFLFI	43	>FGFR3-G38( LSYEVGFFLFI	46	3
>FGFR3-G38( LSYGVGFF	226	>FGFR3-G38( LSYEVGFF	1025	799
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>FGFR3-G38( LSYGVGFFLFI	77	>FGFR3-G38( LSYEVGFFLFI	198	121
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>FGFR3-G38( ILSYGVGFFL	23	>FGFR3-G38( ILSYEVGFFL	16	7
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>FGFR3-G38( ILSYGVGFFLF	239	>FGFR3-G38( ILSYEVGFFLF	148	91
>FGFR3-G38( ILSYGVGFFL	273	>FGFR3-G38( ILSYEVGFFL	267	6
>FGFR3-G38( ILSYGVGFFL	303	>FGFR3-G38( ILSYEVGFFL	221	82
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>FGFR3-G38( ILSYGVGFFL	37	>FGFR3-G38( ILSYEVGFFL	38	1
>FGFR3-G38( ILSYGVGFFL	17	>FGFR3-G38( ILSYEVGFFL	31	14
>FGFR3-G38( ILSYGVGFFL	19	>FGFR3-G38( ILSYEVGFFL	31	12
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>FGFR3-G38( ILSYGVGFF	81	>FGFR3-G38( ILSYEVGFF	171	90
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>FGFR3-G38( ILSYGVGF	37	>FGFR3-G38( ILSYEVGF	55	18
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>FGFR3-G38( ILSYGVGFFLF	112	>FGFR3-G38( ILSYEVGFFLF	108	4
>FGFR3-G38( ILSYGVGFF	316	>FGFR3-G38( ILSYEVGFF	1200	884
>FGFR3-G38( ILSYGVGFFLF	169	>FGFR3-G38( ILSYEVGFFLF	433	264
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>FGFR3-G38(GILSYGVGFFL	22	>FGFR3-G38(GILSYEVGFFL	19	3
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>FGFR3-G38(YAGILSYGV	50	>FGFR3-G38(YAGILSYEV	99	49
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>FGFR3-G38(YAGILSYGV	51	>FGFR3-G38(YAGILSYEV	31	20
>FGFR3-G38(YAGILSYGV	72	>FGFR3-G38(YAGILSYEV	68	4
>FGFR3-G38(YAGILSYGV	29	>FGFR3-G38(YAGILSYEV	69	40
>FGFR3-G38(YAGILSYGVG	195	>FGFR3-G38(YAGILSYEVGF	517	322
>FGFR3-G38(YAGILSYGVG	261	>FGFR3-G38(YAGILSYEVGF	391	130
>FGFR3-G38(YAGILSYGVG	16	>FGFR3-G38(YAGILSYEVGF	28	12
>FGFR3-G38(YAGILSYGVG	72	>FGFR3-G38(YAGILSYEVGF	50	22
>FGFR3-G38(VYAGILSYGV	761	>FGFR3-G38(VYAGILSYEV	412	349
>FGFR3-G38(VYAGILSYGV	160	>FGFR3-G38(VYAGILSYEV	167	7
>FGFR3-G38(VYAGILSYGV	191	>FGFR3-G38(VYAGILSYEV	171	20
>FGFR3-G38(VYAGILSYGV	55	>FGFR3-G38(VYAGILSYEV	40	15
>FGFR3-G38(VYAGILSYGV	230	>FGFR3-G38(VYAGILSYEV	56	174
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>FGFR3-G38(SVYAGILSYG\	9	>FGFR3-G38(SVYAGILSYEV	10	1
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>FGFR3-G38(SVYAGILSYG\	3	>FGFR3-G38(SVYAGILSYEV	3	0
>FGFR3-G38(SVYAGILSYG\	13	>FGFR3-G38(SVYAGILSYEV	20	7
>FGFR3-G38(SVYAGILSYG\	6	>FGFR3-G38(SVYAGILSYEV	6	0
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>FGFR3-G38(SVYAGILSYG\	4	>FGFR3-G38(SVYAGILSYEV	3	1
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>FGFR3-G38(GVGFFLFILV	181	>FGFR3-G38(RVGFFLFILV	208	27
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>FGFR3-G38(GVGFFLFILVV	610	>FGFR3-G38(RVGFFLFILVV	350	260
>FGFR3-G38(GVGFFLFI	799	>FGFR3-G38(RVGFFLFI	271	528
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>FGFR3-G38(GVGFFLFILV	181	>FGFR3-G38(RVGFFLFILV	93	88
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>FGFR3-G38(GVGFFLFILV	124	>FGFR3-G38(RVGFFLFILV	64	60
>FGFR3-G38(GVGFFLFILVV	77	>FGFR3-G38(RVGFFLFILVV	40	37
>FGFR3-G38(GVGFFLFILV	271	>FGFR3-G38(RVGFFLFILV	537	266
>FGFR3-G38(GVGFFLFILVV	261	>FGFR3-G38(RVGFFLFILVV	539	278
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>FGFR3-G38(GVGFFLFILVV	150	>FGFR3-G38(RVGFFLFILVV	300	150
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>FGFR3-G38(GVGFFLFILV	105	>FGFR3-G38(RVGFFLFILV	151	46
>FGFR3-G38(GVGFFLFILVV	97	>FGFR3-G38(RVGFFLFILVV	145	48
>FGFR3-G38(GVGFFLFI	3762	>FGFR3-G38(RVGFFLFI	73	3689
>FGFR3-G38(GVGFFLFILV	7383	>FGFR3-G38(RVGFFLFILV	313	7070
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>FGFR3-G38(GVGFFLFILV	312	>FGFR3-G38(RVGFFLFILV	97	215
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>FGFR3-G38(YGVGFFLFI	1519	>FGFR3-G38(YRVGFFLFI	175	1344
>FGFR3-G38(YGVGFFLFI	349	>FGFR3-G38(YRVGFFLFI	1601	1252
>FGFR3-G38(YGVGFFLFILV	230	>FGFR3-G38(YRVGFFLFILV	1184	954
>FGFR3-G38(YGVGFFLF	262	>FGFR3-G38(YRVGFFLF	1471	1209
>FGFR3-G38(YGVGFFLFI	22	>FGFR3-G38(YRVGFFLFI	148	126
>FGFR3-G38(YGVGFFLFIL	207	>FGFR3-G38(YRVGFFLFIL	164	43
>FGFR3-G38(YGVGFFLFILV	14	>FGFR3-G38(YRVGFFLFILV	89	75
>FGFR3-G38(YGVGFFLFILV	251	>FGFR3-G38(YRVGFFLFILV	758	507
>FGFR3-G38(YGVGFFLFILV	258	>FGFR3-G38(YRVGFFLFILV	562	304
>FGFR3-G38(YGVGFFLF	260	>FGFR3-G38(YRVGFFLF	274	14
>FGFR3-G38(YGVGFFLF	113	>FGFR3-G38(YRVGFFLF	198	85
>FGFR3-G38(YGVGFFLFILV	163	>FGFR3-G38(YRVGFFLFILV	986	823
>FGFR3-G38(YGVGFFLFILV	473	>FGFR3-G38(YRVGFFLFILV	5023	4550
>FGFR3-G38(YGVGFFLF	460	>FGFR3-G38(YRVGFFLF	37	423

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>FGFR3-G38(YGVGFFLF	476	>FGFR3-G38(YRVGFFLF	17333	16857
>FGFR3-G38(YGVGFFLF	14174	>FGFR3-G38(YRVGFFLF	25	14149
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>FGFR3-G38(YGVGFFLFIL	18399	>FGFR3-G38(YRVGFFLFIL	40	18359
>FGFR3-G38(YGVGFFLFILV	15463	>FGFR3-G38(YRVGFFLFILV	41	15422
>FGFR3-G38(YGVGFFLF	195	>FGFR3-G38(YRVGFFLF	5281	5086
>FGFR3-G38(YGVGFFLF	13194	>FGFR3-G38(YRVGFFLF	192	13002
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>FGFR3-G38(YGVGFFLFIL	885	>FGFR3-G38(YRVGFFLFIL	19	866
>FGFR3-G38(YGVGFFLFILV	10254	>FGFR3-G38(YRVGFFLFILV	182	10072
>FGFR3-G38(YGVGFFLFI	194	>FGFR3-G38(YRVGFFLFI	2761	2567
>FGFR3-G38(YGVGFFLFIL	185	>FGFR3-G38(YRVGFFLFIL	2843	2658
>FGFR3-G38(YGVGFFLFILV	371	>FGFR3-G38(YRVGFFLFILV	4217	3846
>FGFR3-G38(YGVGFFLFI	23586	>FGFR3-G38(YRVGFFLFI	257	23329
>FGFR3-G38(YGVGFFLFILV	25772	>FGFR3-G38(YRVGFFLFILV	350	25422
>FGFR3-G38(YGVGFFLFI	28843	>FGFR3-G38(YRVGFFLFI	87	28756
>FGFR3-G38(YGVGFFLFIL	25746	>FGFR3-G38(YRVGFFLFIL	138	25608
>FGFR3-G38(YGVGFFLFILV	27742	>FGFR3-G38(YRVGFFLFILV	101	27641
>FGFR3-G38(YGVGFFLF	9009	>FGFR3-G38(YRVGFFLF	467	8542
>FGFR3-G38(GSVYAGILSYF	25152	>FGFR3-G38(GSVYAGILSYF	230	24922
>FGFR3-G38(GSVYAGILSYF	19535	>FGFR3-G38(GSVYAGILSYF	43	19492
>FGFR3-G38(GSVYAGILSYF	30075	>FGFR3-G38(GSVYAGILSYF	30	30045
>FGFR3-G38(SYGVGFFL	219	>FGFR3-G38(SYRVGFFL	137	82
>FGFR3-G38(SYGVGFFLFI	197	>FGFR3-G38(SYRVGFFLFI	119	78
>FGFR3-G38(SYGVGFFLF	14	>FGFR3-G38(SYRVGFFLF	16	2
>FGFR3-G38(SYGVGFFLFIL	178	>FGFR3-G38(SYRVGFFLFIL	244	66
>FGFR3-G38(SYGVGFFL	103	>FGFR3-G38(SYRVGFFL	219	116
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>FGFR3-G38(SYGVGFFLFI	919	>FGFR3-G38(SYRVGFFLFI	418	501
>FGFR3-G38(SYGVGFFLFIL	92	>FGFR3-G38(SYRVGFFLFIL	187	95
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>FGFR3-G38(SYGVGFFLF	5	>FGFR3-G38(SYRVGFFLF	6	1
>FGFR3-G38(SYGVGFFLFI	6	>FGFR3-G38(SYRVGFFLFI	9	3
>FGFR3-G38(SYGVGFFLFIL	9	>FGFR3-G38(SYRVGFFLFIL	20	11
>FGFR3-G38(SYGVGFFLF	50	>FGFR3-G38(SYRVGFFLF	87	37
>FGFR3-G38(SYGVGFFL	6705	>FGFR3-G38(SYRVGFFL	12	6693
>FGFR3-G38(SYGVGFFLF	14413	>FGFR3-G38(SYRVGFFLF	182	14231
>FGFR3-G38(SYGVGFFLFI	1422	>FGFR3-G38(SYRVGFFLFI	5	1417
>FGFR3-G38(SYGVGFFLFIL	9199	>FGFR3-G38(SYRVGFFLFIL	21	9178
>FGFR3-G38(SYGVGFFLF	1989	>FGFR3-G38(SYRVGFFLF	197	1792
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>FGFR3-G38(SYGVGFFLFIL	117	>FGFR3-G38(SYRVGFFLFIL	118	1
>FGFR3-G38(SYGVGFFL	281	>FGFR3-G38(SYRVGFFL	109	172
>FGFR3-G38(SYGVGFFLFI	75	>FGFR3-G38(SYRVGFFLFI	105	30
>FGFR3-G38(SYGVGFFLFIL	1139	>FGFR3-G38(SYRVGFFLFIL	411	728
>FGFR3-G38(LSYGVGFFLFI	528	>FGFR3-G38(LSYRVGFFLFI	327	201
>FGFR3-G38(LSYGVGFFLFI	110	>FGFR3-G38(LSYRVGFFLFI	31	79
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>FGFR3-G38(LSYGVGFFL	82	>FGFR3-G38(LSYRVGFFL	281	199
>FGFR3-G38(LSYGVGFFLFI	278	>FGFR3-G38(LSYRVGFFLFI	722	444
>FGFR3-G38(LSYGVGFFL	60	>FGFR3-G38(LSYRVGFFL	126	66
>FGFR3-G38(LSYGVGFFLFI	76	>FGFR3-G38(LSYRVGFFLFI	147	71
>FGFR3-G38(LSYGVGFFL	54	>FGFR3-G38(LSYRVGFFL	200	146
>FGFR3-G38(LSYGVGFFLFI	144	>FGFR3-G38(LSYRVGFFLFI	395	251
>FGFR3-G38(LSYGVGFFL	253	>FGFR3-G38(LSYRVGFFL	1057	804
>FGFR3-G38(LSYGVGFFLF	127	>FGFR3-G38(LSYRVGFFLF	188	61
>FGFR3-G38(LSYGVGFFLF	331	>FGFR3-G38(LSYRVGFFLF	383	52
>FGFR3-G38(LSYGVGFF	358	>FGFR3-G38(LSYRVGFF	653	295
>FGFR3-G38(LSYGVGFFLF	48	>FGFR3-G38(LSYRVGFFLF	70	22
>FGFR3-G38(LSYGVGFFLFI	657	>FGFR3-G38(LSYRVGFFLFI	173	484
>FGFR3-G38(LSYGVGFFLF	328	>FGFR3-G38(LSYRVGFFLF	381	53
>FGFR3-G38(LSYGVGFFLF	398	>FGFR3-G38(LSYRVGFFLF	886	488
>FGFR3-G38(LSYGVGFFL	303	>FGFR3-G38(LSYRVGFFL	692	389
>FGFR3-G38(LSYGVGFFLFI	264	>FGFR3-G38(LSYRVGFFLFI	540	276
>FGFR3-G38(LSYGVGFFLFI	462	>FGFR3-G38(LSYRVGFFLFI	647	185
>FGFR3-G38(LSYGVGFF	87	>FGFR3-G38(LSYRVGFF	90	3
>FGFR3-G38(LSYGVGFFLF	109	>FGFR3-G38(LSYRVGFFLF	103	6
>FGFR3-G38(LSYGVGFF	102	>FGFR3-G38(LSYRVGFF	37	65
>FGFR3-G38(LSYGVGFFL	1445	>FGFR3-G38(LSYRVGFFL	322	1123
>FGFR3-G38(LSYGVGFFLF	51	>FGFR3-G38(LSYRVGFFLF	15	36
>FGFR3-G38(LSYGVGFFLFI	626	>FGFR3-G38(LSYRVGFFLFI	183	443
>FGFR3-G38(LSYGVGFF	4	>FGFR3-G38(LSYRVGFF	6	2
>FGFR3-G38(LSYGVGFFL	12	>FGFR3-G38(LSYRVGFFL	31	19
>FGFR3-G38(LSYGVGFFLF	4	>FGFR3-G38(LSYRVGFFLF	6	2
>FGFR3-G38(LSYGVGFFLFI	45	>FGFR3-G38(LSYRVGFFLFI	133	88
>FGFR3-G38(LSYGVGFF	152	>FGFR3-G38(LSYRVGFF	126	26
>FGFR3-G38(LSYGVGFFL	199	>FGFR3-G38(LSYRVGFFL	167	32
>FGFR3-G38(LSYGVGFFLF	76	>FGFR3-G38(LSYRVGFFLF	72	4
>FGFR3-G38(LSYGVGFF	21	>FGFR3-G38(LSYRVGFF	21	0
>FGFR3-G38(LSYGVGFFL	31	>FGFR3-G38(LSYRVGFFL	22	9
>FGFR3-G38(LSYGVGFFLF	11	>FGFR3-G38(LSYRVGFFLF	11	0
>FGFR3-G38(LSYGVGFFLFI	24	>FGFR3-G38(LSYRVGFFLFI	21	3

>FGFR3-G38( LSYGVGFFL	18	>FGFR3-G38( LSYRVGFFL	41	23
>FGFR3-G38( LSYGVGFFLF	27	>FGFR3-G38( LSYRVGFFLF	64	37
>FGFR3-G38( LSYGVGFFLFI	43	>FGFR3-G38( LSYRVGFFLFI	99	56
>FGFR3-G38( LSYGVGFF	226	>FGFR3-G38( LSYRVGFF	321	95
>FGFR3-G38( LSYGVGFFL	41	>FGFR3-G38( LSYRVGFFL	42	1
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>FGFR3-G38( LSYGVGFFLFI	77	>FGFR3-G38( LSYRVGFFLFI	80	3
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>FGFR3-G38( LSYGVGFFL	31	>FGFR3-G38( LSYRVGFFL	20	11
>FGFR3-G38( LSYGVGFFLFI	8	>FGFR3-G38( LSYRVGFFLFI	7	1
>FGFR3-G38( ILSYGVGFFL	23	>FGFR3-G38( ILSYRVGFFL	43	20
>FGFR3-G38( ILSYGVGFFL	10	>FGFR3-G38( ILSYRVGFFL	17	7
>FGFR3-G38( ILSYGVGFFLF	239	>FGFR3-G38( ILSYRVGFFLF	242	3
>FGFR3-G38( ILSYGVGFFL	273	>FGFR3-G38( ILSYRVGFFL	358	85
>FGFR3-G38( ILSYGVGFFL	303	>FGFR3-G38( ILSYRVGFFL	554	251
>FGFR3-G38( ILSYGVGFFL	13	>FGFR3-G38( ILSYRVGFFL	26	13
>FGFR3-G38( ILSYGVGFFL	37	>FGFR3-G38( ILSYRVGFFL	62	25
>FGFR3-G38( ILSYGVGFFL	17	>FGFR3-G38( ILSYRVGFFL	40	23
>FGFR3-G38( ILSYGVGFFL	19	>FGFR3-G38( ILSYRVGFFL	69	50
>FGFR3-G38( ILSYGVGFFL	8	>FGFR3-G38( ILSYRVGFFL	15	7
>FGFR3-G38( ILSYGVGFFLF	395	>FGFR3-G38( ILSYRVGFFLF	237	158
>FGFR3-G38( ILSYGVGFFLF	76	>FGFR3-G38( ILSYRVGFFLF	177	101
>FGFR3-G38( ILSYGVGFF	404	>FGFR3-G38( ILSYRVGFF	1518	1114
>FGFR3-G38( ILSYGVGF	74	>FGFR3-G38( ILSYRVGF	123	49
>FGFR3-G38( ILSYGVGFF	81	>FGFR3-G38( ILSYRVGFF	133	52
>FGFR3-G38( ILSYGVGFFLF	112	>FGFR3-G38( ILSYRVGFFLF	164	52
>FGFR3-G38( ILSYGVGF	254	>FGFR3-G38( ILSYRVGF	1513	1259
>FGFR3-G38( ILSYGVGFF	444	>FGFR3-G38( ILSYRVGFF	1939	1495
>FGFR3-G38( ILSYGVGF	37	>FGFR3-G38( ILSYRVGF	51	14
>FGFR3-G38( ILSYGVGFF	276	>FGFR3-G38( ILSYRVGFF	302	26
>FGFR3-G38( ILSYGVGFFLF	112	>FGFR3-G38( ILSYRVGFFLF	122	10
>FGFR3-G38( ILSYGVGFF	316	>FGFR3-G38( ILSYRVGFF	692	376
>FGFR3-G38( ILSYGVGFFLF	169	>FGFR3-G38( ILSYRVGFFLF	294	125
>FGFR3-G38( GILSYGVGFFL	41	>FGFR3-G38( GILSYRVGFFL	67	26
>FGFR3-G38( GILSYGVGFFL	49	>FGFR3-G38( GILSYRVGFFL	72	23
>FGFR3-G38( GILSYGVGFFL	21	>FGFR3-G38( GILSYRVGFFL	37	16
>FGFR3-G38( GILSYGVGFFL	10	>FGFR3-G38( GILSYRVGFFL	35	25
>FGFR3-G38( GILSYGVGFFL	50	>FGFR3-G38( GILSYRVGFFL	189	139
>FGFR3-G38( GILSYGVGFFL	22	>FGFR3-G38( GILSYRVGFFL	48	26
>FGFR3-G38( GILSYGVGFFL	286	>FGFR3-G38( GILSYRVGFFL	905	619
>FGFR3-G38( GILSYGVGFFL	85	>FGFR3-G38( GILSYRVGFFL	102	17
>FGFR3-G38( GILSYGVGF	118	>FGFR3-G38( GILSYRVGF	185	67
>FGFR3-G38( AGILSYGVGF	295	>FGFR3-G38( AGILSYRVGF	229	66

>FGFR3-G38(AGILSYGVGF	107	>FGFR3-G38(AGILSYRVGF	233	126
>FGFR3-G38(AGILSYGVGF	450	>FGFR3-G38(AGILSYRVGF	470	20
>FGFR3-G38(AGILSYGVGF	490	>FGFR3-G38(AGILSYRVGF	612	122
>FGFR3-G38(YAGILSYGV	389	>FGFR3-G38(YAGILSYRV	492	103
>FGFR3-G38(YAGILSYGV	152	>FGFR3-G38(YAGILSYRV	257	105
>FGFR3-G38(YAGILSYGV	92	>FGFR3-G38(YAGILSYRV	622	530
>FGFR3-G38(YAGILSYGV	18	>FGFR3-G38(YAGILSYRV	27	9
>FGFR3-G38(YAGILSYGV	50	>FGFR3-G38(YAGILSYRV	349	299
>FGFR3-G38(YAGILSYGV	44	>FGFR3-G38(YAGILSYRV	123	79
>FGFR3-G38(YAGILSYGV	105	>FGFR3-G38(YAGILSYRV	351	246
>FGFR3-G38(YAGILSYGV	51	>FGFR3-G38(YAGILSYRV	38	13
>FGFR3-G38(YAGILSYG	20833	>FGFR3-G38(YAGILSYR	55	20778
>FGFR3-G38(YAGILSYG	33107	>FGFR3-G38(YAGILSYR	164	32943
>FGFR3-G38(YAGILSYG	26564	>FGFR3-G38(YAGILSYR	20	26544
>FGFR3-G38(YAGILSYGV	72	>FGFR3-G38(YAGILSYRV	124	52
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>FGFR3-G38(YAGILSYGVG	195	>FGFR3-G38(YAGILSYRVGI	348	153
>FGFR3-G38(YAGILSYGVG	261	>FGFR3-G38(YAGILSYRVGI	365	104
>FGFR3-G38(YAGILSYGVG	16	>FGFR3-G38(YAGILSYRVGI	32	16
>FGFR3-G38(YAGILSYGVG	72	>FGFR3-G38(YAGILSYRVGI	113	41
>FGFR3-G38(YAGILSYG	34940	>FGFR3-G38(YAGILSYR	148	34792
>FGFR3-G38(VYAGILSYGV	761	>FGFR3-G38(VYAGILSYRV	458	303
>FGFR3-G38(VYAGILSYGV	160	>FGFR3-G38(VYAGILSYRV	231	71
>FGFR3-G38(VYAGILSYGV	191	>FGFR3-G38(VYAGILSYRV	472	281
>FGFR3-G38(VYAGILSYGV	55	>FGFR3-G38(VYAGILSYRV	46	9
>FGFR3-G38(VYAGILSYGV	230	>FGFR3-G38(VYAGILSYRV	218	12
>FGFR3-G38(VYAGILSYG	16639	>FGFR3-G38(VYAGILSYR	13	16626
>FGFR3-G38(VYAGILSYG	23709	>FGFR3-G38(VYAGILSYR	31	23678
>FGFR3-G38(VYAGILSYG	30971	>FGFR3-G38(VYAGILSYR	48	30923
>FGFR3-G38(VYAGILSYG	27147	>FGFR3-G38(VYAGILSYR	21	27126
>FGFR3-G38(SVYAGILSYG\	588	>FGFR3-G38(SVYAGILSYR\	384	204
>FGFR3-G38(SVYAGILSYG\	14	>FGFR3-G38(SVYAGILSYR\	16	2
>FGFR3-G38(SVYAGILSYG\	33	>FGFR3-G38(SVYAGILSYR\	44	11
>FGFR3-G38(SVYAGILSYG\	9	>FGFR3-G38(SVYAGILSYR\	14	5
>FGFR3-G38(SVYAGILSYG\	6	>FGFR3-G38(SVYAGILSYR\	14	8
>FGFR3-G38(SVYAGILSYG\	3	>FGFR3-G38(SVYAGILSYR\	3	0
>FGFR3-G38(SVYAGILSYG\	13	>FGFR3-G38(SVYAGILSYR\	42	29
>FGFR3-G38(SVYAGILSYG\	6	>FGFR3-G38(SVYAGILSYR\	8	2
>FGFR3-G38(SVYAGILSYG\	87	>FGFR3-G38(SVYAGILSYR\	224	137
>FGFR3-G38(SVYAGILSYG\	4	>FGFR3-G38(SVYAGILSYR\	3	1
>FGFR3-G38(SVYAGILSYG	3504	>FGFR3-G38(SVYAGILSYR	24	3480
>FGFR3-G38(SVYAGILSYG	22300	>FGFR3-G38(SVYAGILSYR	16	22284
>FGFR3-G38(SVYAGILSYG	8755	>FGFR3-G38(SVYAGILSYR	11	8744

>FGFR3-G38(SVYAGILSYG\	427	>FGFR3-G38(SVYAGILSYR\	484	57
>FGFR3-G38(SVYAGILSYG	11859	>FGFR3-G38(SVYAGILSYR	45	11814
>FGFR3-G38(SVYAGILSYG	9738	>FGFR3-G38(SVYAGILSYR	2	9736
>FGFR3-G38(SVYAGILSYG\	8	>FGFR3-G38(SVYAGILSYR\	10	2
>FGFR3-G38(SVYAGILSYG\	6	>FGFR3-G38(SVYAGILSYR\	10	4
>FGFR3-G38(SVYAGILSYG	26056	>FGFR3-G38(SVYAGILSYR	107	25949
>FGFR3-G38(SVYAGILSYG	30296	>FGFR3-G38(SVYAGILSYR	65	30231
>FGFR3-G38;GFFLFILV	311	>FGFR3-G38;DFFLFILV	2997	2686
>FGFR3-G38;GFFLFILVV	415	>FGFR3-G38;DFFLFILVV	5981	5566
>FGFR3-G38;GFFLFILV	383	>FGFR3-G38;DFFLFILV	6737	6354
>FGFR3-G38;GFFLFILV	12035	>FGFR3-G38;DFFLFILV	393	11642
>FGFR3-G38;GFFLFILVV	973	>FGFR3-G38;DFFLFILVV	396	577
>FGFR3-G38;VGFFLFIL	191	>FGFR3-G38;VDFFLFIL	1951	1760
>FGFR3-G38;VGFFLFILV	45	>FGFR3-G38;VDFFLFILV	376	331
>FGFR3-G38;VGFFLFILV	223	>FGFR3-G38;VDFFLFILV	1038	815
>FGFR3-G38;VGFFLFILV	372	>FGFR3-G38;VDFFLFILV	1195	823
>FGFR3-G38;VGFFLFIL	18625	>FGFR3-G38;VDFFLFIL	77	18548
>FGFR3-G38;VGFFLFILV	22885	>FGFR3-G38;VDFFLFILV	183	22702
>FGFR3-G38;VGFFLFILVVA	22288	>FGFR3-G38;VDFFLFILVVA	305	21983
>FGFR3-G38;VGFFLFILV	424	>FGFR3-G38;VDFFLFILV	1531	1107
>FGFR3-G38;VGFFLFIL	18805	>FGFR3-G38;VDFFLFIL	404	18401
>FGFR3-G38;VGFFLFILV	13404	>FGFR3-G38;VDFFLFILV	92	13312
>FGFR3-G38;VGFFLFILV	17067	>FGFR3-G38;VDFFLFILV	166	16901
>FGFR3-G38;VGFFLFILVV	14784	>FGFR3-G38;VDFFLFILVV	188	14596
>FGFR3-G38;GVGFFLFI	934	>FGFR3-G38;GVDFFLFI	220	714
>FGFR3-G38;GVGFFLFIL	597	>FGFR3-G38;GVDFFLFIL	118	479
>FGFR3-G38;GVGFFLFILV	247	>FGFR3-G38;GVDFFLFILV	177	70
>FGFR3-G38;GVGFFLFILV\	494	>FGFR3-G38;GVDFFLFILV\	103	391
>FGFR3-G38;GVGFFLFI	615	>FGFR3-G38;GVDFFLFI	457	158
>FGFR3-G38;GVGFFLFIL	417	>FGFR3-G38;GVDFFLFIL	287	130
>FGFR3-G38;GVGFFLFILV	181	>FGFR3-G38;GVDFFLFILV	197	16
>FGFR3-G38;GVGFFLFILV	361	>FGFR3-G38;GVDFFLFILV	503	142
>FGFR3-G38;GVGFFLFI	799	>FGFR3-G38;GVDFFLFI	127	672
>FGFR3-G38;GVGFFLFIL	896	>FGFR3-G38;GVDFFLFIL	118	778
>FGFR3-G38;GVGFFLFILV	181	>FGFR3-G38;GVDFFLFILV	131	50
>FGFR3-G38;GVGFFLFILV\	510	>FGFR3-G38;GVDFFLFILV\	84	426
>FGFR3-G38;GVGFFLFI	762	>FGFR3-G38;GVDFFLFI	257	505
>FGFR3-G38;GVGFFLFILV	124	>FGFR3-G38;GVDFFLFILV	43	81
>FGFR3-G38;GVGFFLFILV\	77	>FGFR3-G38;GVDFFLFILV\	28	49
>FGFR3-G38;GVGFFLFIL	643	>FGFR3-G38;GVDFFLFIL	301	342
>FGFR3-G38;GVGFFLFILV	271	>FGFR3-G38;GVDFFLFILV	115	156
>FGFR3-G38;GVGFFLFILV\	261	>FGFR3-G38;GVDFFLFILV\	112	149
>FGFR3-G38;GVGFFLFILV	114	>FGFR3-G38;GVDFFLFILV	40	74

>FGFR3-G38:GVGFLLFILV	150	>FGFR3-G38:GVDFLLFILV	52	98
>FGFR3-G38:GVGFLLFILV	105	>FGFR3-G38:GVDFLLFILV	141	36
>FGFR3-G38:GVGFLLFILV	97	>FGFR3-G38:GVDFLLFILV	135	38
>FGFR3-G38:GVGFLLFILV	312	>FGFR3-G38:GVDFLLFILV	231	81
>FGFR3-G38:GVGFLLFILV	991	>FGFR3-G38:GVDFLLFILV	256	735
>FGFR3-G38:YGVGFLLFILV	520	>FGFR3-G38:YGVDFLLFILV	325	195
>FGFR3-G38:YGVGFLLFILV	959	>FGFR3-G38:YGVDFLLFILV	268	691
>FGFR3-G38:YGVGFLLFI	349	>FGFR3-G38:YGVDFLLFI	247	102
>FGFR3-G38:YGVGFLLFILV	230	>FGFR3-G38:YGVDFLLFILV	180	50
>FGFR3-G38:YGVGFLLF	262	>FGFR3-G38:YGVDFLLF	93	169
>FGFR3-G38:YGVGFLLFI	22	>FGFR3-G38:YGVDFLLFI	9	13
>FGFR3-G38:YGVGFLLFIL	207	>FGFR3-G38:YGVDFLLFIL	162	45
>FGFR3-G38:YGVGFLLFILV	14	>FGFR3-G38:YGVDFLLFILV	9	5
>FGFR3-G38:YGVGFLLFILV	251	>FGFR3-G38:YGVDFLLFILV	165	86
>FGFR3-G38:YGVGFLLFILV	599	>FGFR3-G38:YGVDFLLFILV	352	247
>FGFR3-G38:YGVGFLLFILV	258	>FGFR3-G38:YGVDFLLFILV	119	139
>FGFR3-G38:YGVGFLLF	260	>FGFR3-G38:YGVDFLLF	227	33
>FGFR3-G38:YGVGFLLF	113	>FGFR3-G38:YGVDFLLF	125	12
>FGFR3-G38:YGVGFLLFI	548	>FGFR3-G38:YGVDFLLFI	388	160
>FGFR3-G38:YGVGFLLFILV	163	>FGFR3-G38:YGVDFLLFILV	122	41
>FGFR3-G38:YGVGFLLFI	1166	>FGFR3-G38:YGVDFLLFI	277	889
>FGFR3-G38:YGVGFLLFILV	473	>FGFR3-G38:YGVDFLLFILV	130	343
>FGFR3-G38:YGVGFLLF	460	>FGFR3-G38:YGVDFLLF	223	237
>FGFR3-G38:YGVGFLLF	476	>FGFR3-G38:YGVDFLLF	452	24
>FGFR3-G38:YGVGFLLF	195	>FGFR3-G38:YGVDFLLF	193	2
>FGFR3-G38:YGVGFLLFI	194	>FGFR3-G38:YGVDFLLFI	186	8
>FGFR3-G38:YGVGFLLFIL	185	>FGFR3-G38:YGVDFLLFIL	182	3
>FGFR3-G38:YGVGFLLFILV	371	>FGFR3-G38:YGVDFLLFILV	374	3
>FGFR3-G38:YGVGFLLFI	929	>FGFR3-G38:YGVDFLLFI	361	568
>FGFR3-G38:SYGVGFLL	219	>FGFR3-G38:SYGVDFLL	804	585
>FGFR3-G38:SYGVGFLLFI	197	>FGFR3-G38:SYGVDFLLFI	912	715
>FGFR3-G38:SYGVGFLLF	14	>FGFR3-G38:SYGVDFLLF	16	2
>FGFR3-G38:SYGVGFLLFIL	178	>FGFR3-G38:SYGVDFLLFIL	248	70
>FGFR3-G38:SYGVGFLL	103	>FGFR3-G38:SYGVDFLL	149	46
>FGFR3-G38:SYGVGFLLF	11	>FGFR3-G38:SYGVDFLLF	13	2
>FGFR3-G38:SYGVGFLLFIL	92	>FGFR3-G38:SYGVDFLLFIL	107	15
>FGFR3-G38:SYGVGFLL	6	>FGFR3-G38:SYGVDFLL	8	2
>FGFR3-G38:SYGVGFLLF	5	>FGFR3-G38:SYGVDFLLF	6	1
>FGFR3-G38:SYGVGFLLFI	6	>FGFR3-G38:SYGVDFLLFI	7	1
>FGFR3-G38:SYGVGFLLFIL	9	>FGFR3-G38:SYGVDFLLFIL	11	2
>FGFR3-G38:SYGVGFLLF	50	>FGFR3-G38:SYGVDFLLF	109	59
>FGFR3-G38:SYGVGFLL	203	>FGFR3-G38:SYGVDFLL	256	53
>FGFR3-G38:SYGVGFLLF	133	>FGFR3-G38:SYGVDFLLF	142	9

>FGFR3-G38;SYGVGFFLFI	17	>FGFR3-G38;SYGVDFFLFI	16	1
>FGFR3-G38;SYGVGFFLFIL	117	>FGFR3-G38;SYGVDFFLFIL	123	6
>FGFR3-G38;SYGVGFFL	281	>FGFR3-G38;SYGVDFFL	563	282
>FGFR3-G38;SYGVGFFLFI	75	>FGFR3-G38;SYGVDFFLFI	101	26
>FGFR3-G38;LSYGVGFFLFI	110	>FGFR3-G38;LSYGVDFFLFI	136	26
>FGFR3-G38;LSYGVGFFL	389	>FGFR3-G38;LSYGVDFFL	254	135
>FGFR3-G38;LSYGVGFFL	732	>FGFR3-G38;LSYGVDFFL	454	278
>FGFR3-G38;LSYGVGFFL	82	>FGFR3-G38;LSYGVDFFL	72	10
>FGFR3-G38;LSYGVGFFLFI	278	>FGFR3-G38;LSYGVDFFLFI	249	29
>FGFR3-G38;LSYGVGFFL	60	>FGFR3-G38;LSYGVDFFL	66	6
>FGFR3-G38;LSYGVGFFLFI	76	>FGFR3-G38;LSYGVDFFLFI	63	13
>FGFR3-G38;LSYGVGFFL	54	>FGFR3-G38;LSYGVDFFL	172	118
>FGFR3-G38;LSYGVGFFLFI	144	>FGFR3-G38;LSYGVDFFLFI	229	85
>FGFR3-G38;LSYGVGFFL	253	>FGFR3-G38;LSYGVDFFL	253	0
>FGFR3-G38;LSYGVGFFLF	127	>FGFR3-G38;LSYGVDFFLF	213	86
>FGFR3-G38;LSYGVGFFLF	331	>FGFR3-G38;LSYGVDFFLF	419	88
>FGFR3-G38;LSYGVGFF	358	>FGFR3-G38;LSYGVDFF	317	41
>FGFR3-G38;LSYGVGFFLF	48	>FGFR3-G38;LSYGVDFFLF	103	55
>FGFR3-G38;LSYGVGFFLF	328	>FGFR3-G38;LSYGVDFFLF	466	138
>FGFR3-G38;LSYGVGFFLF	398	>FGFR3-G38;LSYGVDFFLF	393	5
>FGFR3-G38;LSYGVGFFL	303	>FGFR3-G38;LSYGVDFFL	85	218
>FGFR3-G38;LSYGVGFFLFI	264	>FGFR3-G38;LSYGVDFFLFI	134	130
>FGFR3-G38;LSYGVGFFLFI	462	>FGFR3-G38;LSYGVDFFLFI	776	314
>FGFR3-G38;LSYGVGFF	87	>FGFR3-G38;LSYGVDFF	161	74
>FGFR3-G38;LSYGVGFFLF	109	>FGFR3-G38;LSYGVDFFLF	195	86
>FGFR3-G38;LSYGVGFF	102	>FGFR3-G38;LSYGVDFF	162	60
>FGFR3-G38;LSYGVGFFLF	51	>FGFR3-G38;LSYGVDFFLF	129	78
>FGFR3-G38;LSYGVGFF	4	>FGFR3-G38;LSYGVDFF	5	1
>FGFR3-G38;LSYGVGFFL	12	>FGFR3-G38;LSYGVDFFL	17	5
>FGFR3-G38;LSYGVGFFLF	4	>FGFR3-G38;LSYGVDFFLF	5	1
>FGFR3-G38;LSYGVGFFLFI	45	>FGFR3-G38;LSYGVDFFLFI	55	10
>FGFR3-G38;LSYGVGFF	1439	>FGFR3-G38;LSYGVDFF	411	1028
>FGFR3-G38;LSYGVGFF	152	>FGFR3-G38;LSYGVDFF	122	30
>FGFR3-G38;LSYGVGFFL	199	>FGFR3-G38;LSYGVDFFL	154	45
>FGFR3-G38;LSYGVGFFLF	76	>FGFR3-G38;LSYGVDFFLF	61	15
>FGFR3-G38;LSYGVGFF	21	>FGFR3-G38;LSYGVDFF	16	5
>FGFR3-G38;LSYGVGFFL	31	>FGFR3-G38;LSYGVDFFL	16	15
>FGFR3-G38;LSYGVGFFLF	11	>FGFR3-G38;LSYGVDFFLF	10	1
>FGFR3-G38;LSYGVGFFLFI	24	>FGFR3-G38;LSYGVDFFLFI	20	4
>FGFR3-G38;LSYGVGFFL	18	>FGFR3-G38;LSYGVDFFL	59	41
>FGFR3-G38;LSYGVGFFLF	27	>FGFR3-G38;LSYGVDFFLF	64	37
>FGFR3-G38;LSYGVGFFLFI	43	>FGFR3-G38;LSYGVDFFLFI	89	46
>FGFR3-G38;LSYGVGFF	226	>FGFR3-G38;LSYGVDFF	561	335



>FGFR3-G38:LSYGVGFFL	41	>FGFR3-G38:LSYGVDFFL	159	118
>FGFR3-G38:LSYGVGFFLF	33	>FGFR3-G38:LSYGVDFFLF	46	13
>FGFR3-G38:LSYGVGFFLFI	77	>FGFR3-G38:LSYGVDFFLFI	150	73
>FGFR3-G38:LSYGVGFF	368	>FGFR3-G38:LSYGVDF	214	154
>FGFR3-G38:LSYGVGFFL	31	>FGFR3-G38:LSYGVDFFL	43	12
>FGFR3-G38:LSYGVGFFLFI	8	>FGFR3-G38:LSYGVDFFLFI	9	1
>FGFR3-G38:ILSYGVGFFL	23	>FGFR3-G38:ILSYGVDFFL	16	7
>FGFR3-G38:ILSYGVGFF	558	>FGFR3-G38:ILSYGVDF	111	447
>FGFR3-G38:ILSYGVGFFL	10	>FGFR3-G38:ILSYGVDFFL	7	3
>FGFR3-G38:ILSYGVGFFLF	239	>FGFR3-G38:ILSYGVDFFLF	119	120
>FGFR3-G38:ILSYGVGFFL	273	>FGFR3-G38:ILSYGVDFFL	323	50
>FGFR3-G38:ILSYGVGFFL	303	>FGFR3-G38:ILSYGVDFFL	373	70
>FGFR3-G38:ILSYGVGFFL	13	>FGFR3-G38:ILSYGVDFFL	16	3
>FGFR3-G38:ILSYGVGFFL	37	>FGFR3-G38:ILSYGVDFFL	18	19
>FGFR3-G38:ILSYGVGFFL	17	>FGFR3-G38:ILSYGVDFFL	12	5
>FGFR3-G38:ILSYGVGFFL	19	>FGFR3-G38:ILSYGVDFFL	11	8
>FGFR3-G38:ILSYGVGFFL	8	>FGFR3-G38:ILSYGVDFFL	8	0
>FGFR3-G38:ILSYGVGFFLF	395	>FGFR3-G38:ILSYGVDFFLF	429	34
>FGFR3-G38:ILSYGVGFFLF	76	>FGFR3-G38:ILSYGVDFFLF	160	84
>FGFR3-G38:ILSYGVGFF	404	>FGFR3-G38:ILSYGVDF	2399	1995
>FGFR3-G38:ILSYGVGF	74	>FGFR3-G38:ILSYGVDF	133	59
>FGFR3-G38:ILSYGVGFF	81	>FGFR3-G38:ILSYGVDF	135	54
>FGFR3-G38:ILSYGVGFFLF	112	>FGFR3-G38:ILSYGVDFFLF	175	63
>FGFR3-G38:ILSYGVGF	254	>FGFR3-G38:ILSYGVDF	557	303
>FGFR3-G38:ILSYGVGFF	444	>FGFR3-G38:ILSYGVDF	1186	742
>FGFR3-G38:ILSYGVGF	37	>FGFR3-G38:ILSYGVDF	26	11
>FGFR3-G38:ILSYGVGFF	276	>FGFR3-G38:ILSYGVDF	183	93
>FGFR3-G38:ILSYGVGFFLF	112	>FGFR3-G38:ILSYGVDFFLF	96	16
>FGFR3-G38:ILSYGVGFF	316	>FGFR3-G38:ILSYGVDF	582	266
>FGFR3-G38:ILSYGVGFFLF	169	>FGFR3-G38:ILSYGVDFFLF	303	134
>FGFR3-G38:GILSYGVGFFL	41	>FGFR3-G38:GILSYGVDFFL	51	10
>FGFR3-G38:GILSYGVGFFL	49	>FGFR3-G38:GILSYGVDFFL	59	10
>FGFR3-G38:GILSYGVGFFL	21	>FGFR3-G38:GILSYGVDFFL	34	13
>FGFR3-G38:GILSYGVGFFL	10	>FGFR3-G38:GILSYGVDFFL	26	16
>FGFR3-G38:GILSYGVGFFL	50	>FGFR3-G38:GILSYGVDFFL	70	20
>FGFR3-G38:GILSYGVGFFL	22	>FGFR3-G38:GILSYGVDFFL	25	3
>FGFR3-G38:GILSYGVGFFL	286	>FGFR3-G38:GILSYGVDFFL	458	172
>FGFR3-G38:GILSYGVGFFL	85	>FGFR3-G38:GILSYGVDFFL	127	42
>FGFR3-G38:GILSYGVGF	118	>FGFR3-G38:GILSYGVDF	79	39
>FGFR3-G38:AGILSYGVGF	295	>FGFR3-G38:AGILSYGVDF	212	83
>FGFR3-G38:AGILSYGVGF	107	>FGFR3-G38:AGILSYGVDF	660	553
>FGFR3-G38:AGILSYGVGFI	450	>FGFR3-G38:AGILSYGVDFI	1068	618
>FGFR3-G38:AGILSYGVGF	490	>FGFR3-G38:AGILSYGVDF	807	317

>FGFR3-G38;YAGILSYGVG	195	>FGFR3-G38;YAGILSYGVD	415	220
>FGFR3-G38;YAGILSYGVG	261	>FGFR3-G38;YAGILSYGVD	181	80
>FGFR3-G38;YAGILSYGVG	16	>FGFR3-G38;YAGILSYGVD	72	56
>FGFR3-G38;YAGILSYGVG	72	>FGFR3-G38;YAGILSYGVD	92	20
>FGFR3-G69;GIPVEELFKL	451	>FGFR3-G69;CIPVEELFKL	997	546
>FGFR3-G69;GIPVEELFK	173	>FGFR3-G69;CIPVEELFK	376	203
>FGFR3-G69;GIPVEELFKLL	276	>FGFR3-G69;CIPVEELFKLL	163	113
>FGFR3-G69;YPGIPVEEL	215	>FGFR3-G69;YPCIPVEEL	1392	1177
>FGFR3-G69;YPGIPVEEL	749	>FGFR3-G69;YPCIPVEEL	373	376
>FGFR3-G69;YPGIPVEELF	79	>FGFR3-G69;YPCIPVEELF	68	11
>FGFR3-G69;YPGIPVEELF	94	>FGFR3-G69;YPCIPVEELF	111	17
>FGFR3-G69;YPGIPVEELF	454	>FGFR3-G69;YPCIPVEELF	231	223
>FGFR3-G69;PYPGIPVEELF	88	>FGFR3-G69;PYPCIPVEELF	45	43
>FGFR3-G69;PYPGIPVEEL	479	>FGFR3-G69;PYPCIPVEEL	688	209
>FGFR3-G69;PYPGIPVEELF	42	>FGFR3-G69;PYPCIPVEELF	40	2
>FGFR3-G69;PYPGIPVEEL	14	>FGFR3-G69;PYPCIPVEEL	20	6
>FGFR3-G69;PYPGIPVEELF	9	>FGFR3-G69;PYPCIPVEELF	13	4
>FGFR3-G69;SPYPGIPV	149	>FGFR3-G69;SPYPCIPV	89	60
>FGFR3-G69;SPYPGIPVEEL	20	>FGFR3-G69;SPYPCIPVEEL	18	2
>FGFR3-G69;SPYPGIPV	59	>FGFR3-G69;SPYPCIPV	124	65
>FGFR3-G69;SPYPGIPV	35	>FGFR3-G69;SPYPCIPV	50	15
>FGFR3-G69;SPYPGIPVEEL	114	>FGFR3-G69;SPYPCIPVEEL	101	13
>FGFR3-G69;SPYPGIPV	722	>FGFR3-G69;SPYPCIPV	454	268
>FGFR3-G69;SPYPGIPVEEL	567	>FGFR3-G69;SPYPCIPVEEL	352	215
>FGFR3-G69;SPYPGIPVEEL	415	>FGFR3-G69;SPYPCIPVEEL	642	227
>FGFR3-G69;SPYPGIPV	323	>FGFR3-G69;SPYPCIPV	456	133
>FGFR3-G69;SPYPGIPV	48	>FGFR3-G69;SPYPCIPV	25	23
>FGFR3-G69;SPYPGIPVEEL	364	>FGFR3-G69;SPYPCIPVEEL	251	113
>FGFR3-G69;GSPYPGIPVE	807	>FGFR3-G69;GSPYPCIPVE	358	449
>FGFR3-G69;GSPYPGIP	9270	>FGFR3-G69;GSPYPCIP	350	8920
>FGFR3-G69;GSPYPGIPV	20	>FGFR3-G69;GSPYPCIPV	21	1
>FGFR3-G69;GSPYPGIPVE	704	>FGFR3-G69;GSPYPCIPVE	456	248
>FGFR3-G69;LGGSPYPGI	319	>FGFR3-G69;LGGSPYPCI	263	56
>FGFR3-G69;TLGGSPYPGI	302	>FGFR3-G69;TLGGSPYPCI	627	325
>FGFR3-G69;TLGGSPYPGI	118	>FGFR3-G69;TLGGSPYPCI	242	124
>FGFR3-G69;TLGGSPYPGI	110	>FGFR3-G69;TLGGSPYPCI	385	275
>FGFR3-G69;TLGGSPYPG	2043	>FGFR3-G69;TLGGSPYPC	89	1954
>FGFR3-G69;TLGGSPYPGI	11	>FGFR3-G69;TLGGSPYPCI	46	35
>FGFR3-G69;TLGGSPYPG	6131	>FGFR3-G69;TLGGSPYPC	281	5850
>FGFR3-G69;TLGGSPYPGI	88	>FGFR3-G69;TLGGSPYPCI	175	87
>FGFR3-G69;TLGGSPYPGI	40	>FGFR3-G69;TLGGSPYPCI	40	0
>FGFR3-G69;TLGGSPYPGI	39	>FGFR3-G69;TLGGSPYPCI	64	25
>FGFR3-G69;TLGGSPYPG	11998	>FGFR3-G69;TLGGSPYPC	173	11825

>FGFR3-G69:TLGGSPYPGI	14	>FGFR3-G69:TLGGSPYPCI	39	25
>FGFR3-G69:TLGGSPYPGI	329	>FGFR3-G69:TLGGSPYPCI	2416	2087
>FGFR3-G69:FTLGGSPYPG	41	>FGFR3-G69:FTLGGSPYPC	63	22
>FGFR3-G69:FTLGGSPYPG	373	>FGFR3-G69:FTLGGSPYPC	188	185
>FGFR3-G69:FTLGGSPYPG	7	>FGFR3-G69:FTLGGSPYPC	17	10
>FGFR3-G69:FTLGGSPYPG	921	>FGFR3-G69:FTLGGSPYPC	41	880
>FGFR3-G69:FTLGGSPYPG	6	>FGFR3-G69:FTLGGSPYPC	23	17
>FGFR3-G69:FTLGGSPYPG	138	>FGFR3-G69:FTLGGSPYPC	342	204
>FGFR3-G69:FTLGGSPYPG	20	>FGFR3-G69:FTLGGSPYPC	21	1
>FGFR3-G69:FTLGGSPYPG	72	>FGFR3-G69:FTLGGSPYPC	107	35
>FGFR3-G69:FTLGGSPYPG	86	>FGFR3-G69:FTLGGSPYPC	310	224
>FGFR3-G69:FTLGGSPYPG	291	>FGFR3-G69:FTLGGSPYPC	1064	773
>FGFR3-G69:FTLGGSPYPG	1086	>FGFR3-G69:FTLGGSPYPC	351	735
>FGFR3-G69:FTLGGSPYPG	4	>FGFR3-G69:FTLGGSPYPC	13	9
>FGFR3-G69:FTLGGSPYPG	22	>FGFR3-G69:FTLGGSPYPC	208	186
>FGFR3-G69:FTLGGSPYPG	465	>FGFR3-G69:FTLGGSPYPC	560	95
>FGFR3-G69:FTLGGSPYPG	19	>FGFR3-G69:FTLGGSPYPC	18	1
>FGFR3-H64:HNLDYYKK	352	>FGFR3-H64:DNLDYYKK	5752	5400
>FGFR3-H64:DVHNLDYY	12517	>FGFR3-H64:DVDNLDYY	63	12454
>FGFR3-H64:DVHNLDYYK	242	>FGFR3-H64:DVDNLDYYK	283	41
>FGFR3-H64:DVHNLDYYK	408	>FGFR3-H64:DVDNLDYYK	269	139
>FGFR3-H64:DVHNLDYY	70	>FGFR3-H64:DVDNLDYY	7258	7188
>FGFR3-H64:DVHNLDYY	18	>FGFR3-H64:DVDNLDYY	714	696
>FGFR3-H64:DVHNLDYY	350	>FGFR3-H64:DVDNLDYY	8561	8211
>FGFR3-H64:DVHNLDYY	151	>FGFR3-H64:DVDNLDYY	601	450
>FGFR3-H64:DVHNLDYY	306	>FGFR3-H64:DVDNLDYY	616	310
>FGFR3-H64:DVHNLDYYK	82	>FGFR3-H64:DVDNLDYYK	298	216
>FGFR3-H64:DVHNLDYY	265	>FGFR3-H64:DVDNLDYY	1889	1624
>FGFR3-H64:DVHNLDYYK	8	>FGFR3-H64:DVDNLDYYK	35	27
>FGFR3-H64:DVHNLDYYK	48	>FGFR3-H64:DVDNLDYYK	128	80
>FGFR3-H64:DVHNLDYY	2307	>FGFR3-H64:DVDNLDYY	388	1919
>FGFR3-H64:RDVHNLDYY	533	>FGFR3-H64:RDVDNLDYY	376	157
>FGFR3-H64:ARDVHNLDY	468	>FGFR3-H64:ARDVDNLDY	499	31
>FGFR3-H64:LARDVHNLD	266	>FGFR3-H64:LARDVDNLD	390	124
>FGFR3-H64:LARDVHNL	322	>FGFR3-H64:LARDVDNL	3853	3531
>FGFR3-H64:LARDVHNLD	498	>FGFR3-H64:LARDVDNLD	3472	2974
>FGFR3-H64:LARDVHNLD	381	>FGFR3-H64:LARDVDNLD	1789	1408
>FGFR3-H64:LARDVHNLD	185	>FGFR3-H64:LARDVDNLD	169	16
>FGFR3-H64:LARDVHNLD	153	>FGFR3-H64:LARDVDNLD	239	86
>FGFR3-H64:LARDVHNLD	218	>FGFR3-H64:LARDVDNLD	264	46
>FGFR3-H64:LARDVHNLD	280	>FGFR3-H64:LARDVDNLD	778	498
>FGFR3-H64:LARDVHNL	83	>FGFR3-H64:LARDVDNL	411	328
>FGFR3-H64:LARDVHNLD	38	>FGFR3-H64:LARDVDNLD	78	40

>FGFR3-H64:LARDVHNLD\	50	>FGFR3-H64:LARDVDNLD\	66	16
>FGFR3-H64:LARDVHNLD\	352	>FGFR3-H64:LARDVDNLD\	165	187
>FGFR3-H64:LARDVHNLD\	484	>FGFR3-H64:LARDVDNLD\	906	422
>FGFR3-H64:LARDVHNLD\	58	>FGFR3-H64:LARDVDNLD\	102	44
>FGFR3-H64:GLARDVHNL	62	>FGFR3-H64:GLARDVDNL	488	426
>FGFR3-H64:GLARDVHNL	5	>FGFR3-H64:GLARDVDNL	6	1
>FGFR3-H64:GLARDVHNL	10	>FGFR3-H64:GLARDVDNL	27	17
>FGFR3-H64:GLARDVHNL	16	>FGFR3-H64:GLARDVDNL	68	52
>FGFR3-H64:GLARDVHNL	6	>FGFR3-H64:GLARDVDNL	20	14
>FGFR3-H64:GLARDVHNL	9	>FGFR3-H64:GLARDVDNL	18	9
>FGFR3-H64:GLARDVHNL	15	>FGFR3-H64:GLARDVDNL	107	92
>FGFR3-H64:GLARDVHNL	3	>FGFR3-H64:GLARDVDNL	17	14
>FGFR3-H64:GLARDVHNLI	27	>FGFR3-H64:GLARDVDNLI	68	41
>FGFR3-H64:GLARDVHNLI	220	>FGFR3-H64:GLARDVDNLI	339	119
>FGFR3-H64:GLARDVHNLI	217	>FGFR3-H64:GLARDVDNLI	368	151
>FGFR3-H64:GLARDVHNLI	350	>FGFR3-H64:GLARDVDNLI	625	275
>FGFR3-H64:GLARDVHNLI	463	>FGFR3-H64:GLARDVDNLI	742	279
>FGFR3-H64:GLARDVHNLI	293	>FGFR3-H64:GLARDVDNLI	422	129
>FGFR3-I376 ILSYGVGFFL	23	>FGFR3-I376 CLSYGVGFFL	82	59
>FGFR3-I376 ILSYGVGFFL	10	>FGFR3-I376 CLSYGVGFFL	17	7
>FGFR3-I376 ILSYGVGFFL	239	>FGFR3-I376 CLSYGVGFFLI	1135	896
>FGFR3-I376 ILSYGVGFFL	273	>FGFR3-I376 CLSYGVGFFL	751	478
>FGFR3-I376 ILSYGVGFFL	303	>FGFR3-I376 CLSYGVGFFL	808	505
>FGFR3-I376 ILSYGVGFFL	13	>FGFR3-I376 CLSYGVGFFL	91	78
>FGFR3-I376 ILSYGVGFFL	37	>FGFR3-I376 CLSYGVGFFL	129	92
>FGFR3-I376 ILSYGVGFFL	17	>FGFR3-I376 CLSYGVGFFL	102	85
>FGFR3-I376 ILSYGVGFFL	19	>FGFR3-I376 CLSYGVGFFL	54	35
>FGFR3-I376 ILSYGVGFFL	8	>FGFR3-I376 CLSYGVGFFL	60	52
>FGFR3-I376 ILSYGVGFFL	395	>FGFR3-I376 CLSYGVGFFLI	1092	697
>FGFR3-I376 ILSYGVGFFL	2430	>FGFR3-I376 CLSYGVGFFLI	317	2113
>FGFR3-I376 ILSYGVGFFL	76	>FGFR3-I376 CLSYGVGFFLI	138	62
>FGFR3-I376 ILSYGVGFF	404	>FGFR3-I376 CLSYGVGFF	731	327
>FGFR3-I376 ILSYGVGF	74	>FGFR3-I376 CLSYGVGF	251	177
>FGFR3-I376 ILSYGVGFF	81	>FGFR3-I376 CLSYGVGFF	327	246
>FGFR3-I376 ILSYGVGFFL	112	>FGFR3-I376 CLSYGVGFFLI	529	417
>FGFR3-I376 ILSYGVGF	254	>FGFR3-I376 CLSYGVGF	1090	836
>FGFR3-I376 ILSYGVGFF	444	>FGFR3-I376 CLSYGVGFF	2003	1559
>FGFR3-I376 ILSYGVGF	37	>FGFR3-I376 CLSYGVGF	195	158
>FGFR3-I376 ILSYGVGFF	276	>FGFR3-I376 CLSYGVGFF	1156	880
>FGFR3-I376 ILSYGVGFFL	112	>FGFR3-I376 CLSYGVGFFLI	532	420
>FGFR3-I376 ILSYGVGFF	316	>FGFR3-I376 CLSYGVGFF	3678	3362
>FGFR3-I376 ILSYGVGFFL	169	>FGFR3-I376 CLSYGVGFFLI	2070	1901
>FGFR3-I376 GILSYGVGFFI	41	>FGFR3-I376 GCLSYGVGFF	2865	2824

>FGFR3-I376 GILSYGVGFFI	49	>FGFR3-I376 GCLSYGVGFF	914	865
>FGFR3-I376 GILSYGVGFFI	21	>FGFR3-I376 GCLSYGVGFF	5812	5791
>FGFR3-I376 GILSYGVGFFI	10	>FGFR3-I376 GCLSYGVGFF	552	542
>FGFR3-I376 GILSYGVGFFI	50	>FGFR3-I376 GCLSYGVGFF	2956	2906
>FGFR3-I376 GILSYGVGFFI	22	>FGFR3-I376 GCLSYGVGFF	602	580
>FGFR3-I376 GILSYGVGFFI	286	>FGFR3-I376 GCLSYGVGFF	8627	8341
>FGFR3-I376 GILSYGVGFFI	85	>FGFR3-I376 GCLSYGVGFF	8966	8881
>FGFR3-I376 GILSYGVGF	118	>FGFR3-I376 GCLSYGVGF	191	73
>FGFR3-I376 GILSYGVGF	742	>FGFR3-I376 GCLSYGVGF	265	477
>FGFR3-I376 GILSYGVGFFI	893	>FGFR3-I376 GCLSYGVGFF	327	566
>FGFR3-I376 ADEAGSVYAC	334	>FGFR3-I376 ADEAGSVYAC	16594	16260
>FGFR3-I376 ADEAGSVYAC	112	>FGFR3-I376 ADEAGSVYAC	14264	14152
>FGFR3-I376 AGILSYGVGF	295	>FGFR3-I376 AGCLSYGVGF	1095	800
>FGFR3-I376 AGILSYGVGF	107	>FGFR3-I376 AGCLSYGVGF	370	263
>FGFR3-I376 AGILSYGVGF	450	>FGFR3-I376 AGCLSYGVGF	1112	662
>FGFR3-I376 AGILSYGVGF	490	>FGFR3-I376 AGCLSYGVGF	989	499
>FGFR3-I376 YAGILSYGV	389	>FGFR3-I376 YAGCLSYGV	91	298
>FGFR3-I376 YAGILSYGV	152	>FGFR3-I376 YAGCLSYGV	57	95
>FGFR3-I376 YAGILSYGV	1134	>FGFR3-I376 YAGCLSYGV	317	817
>FGFR3-I376 YAGILSYGV	92	>FGFR3-I376 YAGCLSYGV	34	58
>FGFR3-I376 YAGILSYGV	18	>FGFR3-I376 YAGCLSYGV	12	6
>FGFR3-I376 YAGILSYGV	50	>FGFR3-I376 YAGCLSYGV	8	42
>FGFR3-I376 YAGILSYGV	44	>FGFR3-I376 YAGCLSYGV	89	45
>FGFR3-I376 YAGILSYGV	105	>FGFR3-I376 YAGCLSYGV	31	74
>FGFR3-I376 YAGILSYGV	51	>FGFR3-I376 YAGCLSYGV	213	162
>FGFR3-I376 YAGILSYGV	72	>FGFR3-I376 YAGCLSYGV	19	53
>FGFR3-I376 YAGILSYGV	29	>FGFR3-I376 YAGCLSYGV	13	16
>FGFR3-I376 YAGILSYGVG	195	>FGFR3-I376 YAGCLSYGVC	106	89
>FGFR3-I376 YAGILSYGVG	261	>FGFR3-I376 YAGCLSYGVC	80	181
>FGFR3-I376 YAGILSYGVG	16	>FGFR3-I376 YAGCLSYGVC	59	43
>FGFR3-I376 YAGILSYGVG	72	>FGFR3-I376 YAGCLSYGVC	40	32
>FGFR3-I376 VYAGILSYGV	160	>FGFR3-I376 VYAGCLSYGV	342	182
>FGFR3-I376 VYAGILSYGV	191	>FGFR3-I376 VYAGCLSYGV	366	175
>FGFR3-I376 VYAGILSYGV	55	>FGFR3-I376 VYAGCLSYGV	68	13
>FGFR3-I376 VYAGILSY	333	>FGFR3-I376 VYAGCLSY	734	401
>FGFR3-I376 VYAGILSYGV	230	>FGFR3-I376 VYAGCLSYGV	387	157
>FGFR3-I376 VYAGILSY	12	>FGFR3-I376 VYAGCLSY	14	2
>FGFR3-I376 VYAGILSY	27	>FGFR3-I376 VYAGCLSY	19	8
>FGFR3-I376 VYAGILSY	24	>FGFR3-I376 VYAGCLSY	90	66
>FGFR3-I376 VYAGILSY	140	>FGFR3-I376 VYAGCLSY	68	72
>FGFR3-I376 SVYAGILSYG\	14	>FGFR3-I376 SVYAGCLSYG	18	4
>FGFR3-I376 SVYAGILSYG\	33	>FGFR3-I376 SVYAGCLSYG	46	13
>FGFR3-I376 SVYAGILSYG\	9	>FGFR3-I376 SVYAGCLSYG	11	2

>FGFR3-I376 SVYAGILSYG\	6	>FGFR3-I376 SVYAGCLSYG	6	0
>FGFR3-I376 SVYAGILSYG\	3	>FGFR3-I376 SVYAGCLSYG	6	3
>FGFR3-I376 SVYAGILSYG\	13	>FGFR3-I376 SVYAGCLSYG	36	23
>FGFR3-I376 SVYAGILSYG\	6	>FGFR3-I376 SVYAGCLSYG	9	3
>FGFR3-I376 SVYAGILSYG\	87	>FGFR3-I376 SVYAGCLSYG	140	53
>FGFR3-I376 SVYAGILSYG\	4	>FGFR3-I376 SVYAGCLSYG	5	1
>FGFR3-I376 SVYAGILSY	40	>FGFR3-I376 SVYAGCLSY	52	12
>FGFR3-I376 SVYAGILSY	12	>FGFR3-I376 SVYAGCLSY	20	8
>FGFR3-I376 SVYAGILSY	145	>FGFR3-I376 SVYAGCLSY	1389	1244
>FGFR3-I376 SVYAGILSY	32	>FGFR3-I376 SVYAGCLSY	467	435
>FGFR3-I376 SVYAGILSY	15	>FGFR3-I376 SVYAGCLSY	257	242
>FGFR3-I376 SVYAGILSY	240	>FGFR3-I376 SVYAGCLSY	383	143
>FGFR3-I376 SVYAGILSY	7	>FGFR3-I376 SVYAGCLSY	6	1
>FGFR3-I376 SVYAGILSY	37	>FGFR3-I376 SVYAGCLSY	29	8
>FGFR3-I376 SVYAGILSY	334	>FGFR3-I376 SVYAGCLSY	551	217
>FGFR3-I376 SVYAGILSYG\	427	>FGFR3-I376 SVYAGCLSYG	483	56
>FGFR3-I376 SVYAGILSYG\	8	>FGFR3-I376 SVYAGCLSYG	12	4
>FGFR3-I376 SVYAGILSYG\	6	>FGFR3-I376 SVYAGCLSYG	7	1
>FGFR3-I376 SVYAGILSY	5	>FGFR3-I376 SVYAGCLSY	7	2
>FGFR3-I376 SVYAGILSY	37	>FGFR3-I376 SVYAGCLSY	34	3
>FGFR3-I376 SVYAGILSY	31	>FGFR3-I376 SVYAGCLSY	40	9
>FGFR3-I376 SVYAGILSY	244	>FGFR3-I376 SVYAGCLSY	260	16
>FGFR3-I376 SVYAGILSY	8	>FGFR3-I376 SVYAGCLSY	19	11
>FGFR3-I376 SVYAGILSY	116	>FGFR3-I376 SVYAGCLSY	101	15
>FGFR3-I376 SVYAGILSY	88	>FGFR3-I376 SVYAGCLSY	36	52
>FGFR3-I376 GSVYAGILSY	306	>FGFR3-I376 GSVYAGCLSY	259	47
>FGFR3-I376 GSVYAGILSY	267	>FGFR3-I376 GSVYAGCLSY	193	74
>FGFR3-I376 GSVYAGILSY	186	>FGFR3-I376 GSVYAGCLSY	195	9
>FGFR3-I376 GSVYAGILSY	99	>FGFR3-I376 GSVYAGCLSY	80	19
>FGFR3-I376 GSVYAGILSY	85	>FGFR3-I376 GSVYAGCLSY	61	24
>FGFR3-I376 GSVYAGILSY	242	>FGFR3-I376 GSVYAGCLSY	240	2
>FGFR3-I376 GSVYAGIL	94	>FGFR3-I376 GSVYAGCL	301	207
>FGFR3-I376 GSVYAGILSY	5	>FGFR3-I376 GSVYAGCLSY	7	2
>FGFR3-I376 GSVYAGILSY	34	>FGFR3-I376 GSVYAGCLSY	76	42
>FGFR3-I376 AGSVYAGI	342	>FGFR3-I376 AGSVYAGC	2219	1877
>FGFR3-I376 AGSVYAGILS'	623	>FGFR3-I376 AGSVYAGCLS	416	207
>FGFR3-I376 AGSVYAGILS'	68	>FGFR3-I376 AGSVYAGCLS	74	6
>FGFR3-I376 AGSVYAGILS'	343	>FGFR3-I376 AGSVYAGCLS	334	9
>FGFR3-I376 AGSVYAGILS'	178	>FGFR3-I376 AGSVYAGCLS	398	220
>FGFR3-I376 EAGSVYAGI	22	>FGFR3-I376 EAGSVYAGC	3668	3646
>FGFR3-I376 EAGSVYAGI	27	>FGFR3-I376 EAGSVYAGC	5643	5616
>FGFR3-I376 DEAGSVYAGI	26	>FGFR3-I376 DEAGSVYAGC	11631	11605
>FGFR3-I376 DEAGSVYAGI	216	>FGFR3-I376 DEAGSVYAGC	103	113

>FGFR3-I376 DEAGSVYAGI	30	>FGFR3-I376 DEAGSVYAGI	37	7
>FGFR3-I376 DEAGSVYAGI	120	>FGFR3-I376 DEAGSVYAGI	431	311
>FGFR3-I376 DEAGSVYAGI	246	>FGFR3-I376 DEAGSVYAGI	28624	28378
>FGFR3-K65C KTTNGRLPV	136	>FGFR3-K65C ETTNGRLPV	4836	4700
>FGFR3-K65C KTTNGRLPV	349	>FGFR3-K65C ETTNGRLPV	3316	2967
>FGFR3-K65C KTTNGRLPVK	62	>FGFR3-K65C ETTNGRLPVK	1205	1143
>FGFR3-K65C KTTNGRLPVK	25	>FGFR3-K65C ETTNGRLPVK	108	83
>FGFR3-K65C KTTNGRLPV	22	>FGFR3-K65C ETTNGRLPV	10519	10497
>FGFR3-K65C KTTNGRLPVK	6	>FGFR3-K65C ETTNGRLPVK	3960	3954
>FGFR3-K65C KTTNGRLPV	209	>FGFR3-K65C ETTNGRLPV	5423	5214
>FGFR3-K65C KTTNGRLPVK	28	>FGFR3-K65C ETTNGRLPVK	1300	1272
>FGFR3-K65C KTTNGRLPVK	2921	>FGFR3-K65C ETTNGRLPVK	84	2837
>FGFR3-K65C KTTNGRLPV	578	>FGFR3-K65C ETTNGRLPV	9	569
>FGFR3-K65C KTTNGRLPV	1438	>FGFR3-K65C ETTNGRLPV	11	1427
>FGFR3-K65C KTTNGRLPV	141	>FGFR3-K65C ETTNGRLPV	6261	6120
>FGFR3-K65C KTTNGRLPVK	15	>FGFR3-K65C ETTNGRLPVK	63	48
>FGFR3-K65C KTTNGRLPVK	47	>FGFR3-K65C ETTNGRLPVK	576	529
>FGFR3-K65C KTTNGRLPVK	13	>FGFR3-K65C ETTNGRLPVK	223	210
>FGFR3-K65C KTTNGRLPVK	332	>FGFR3-K65C ETTNGRLPVK	4077	3745
>FGFR3-K65C KKTTNGRL	24861	>FGFR3-K65C KETTNGRL	109	24752
>FGFR3-K65C KKTTNGRLPV	12161	>FGFR3-K65C KETTNGRLPV	386	11775
>FGFR3-K65C KKTTNGRL	450	>FGFR3-K65C KETTNGRL	7508	7058
>FGFR3-K65C KKTTNGRLPV	56	>FGFR3-K65C KETTNGRLPV	2557	2501
>FGFR3-K65C KKTTNGRL	17650	>FGFR3-K65C KETTNGRL	46	17604
>FGFR3-K65C YKKTNGR	289	>FGFR3-K65C YKETTNGR	5367	5078
>FGFR3-K65C YKKTNGRL	154	>FGFR3-K65C YKETTNGRL	2906	2752
>FGFR3-K65C YKKTNGRLP	28	>FGFR3-K65C YKETTNGRLP	435	407
>FGFR3-K65C YKKTNGRL	6299	>FGFR3-K65C YKETTNGRL	355	5944
>FGFR3-K65C YKKTNGRLP	4446	>FGFR3-K65C YKETTNGRLP	220	4226
>FGFR3-K65C YYKKTNGRL	12	>FGFR3-K65C YYKETTNGRL	29	17
>FGFR3-K65C YYKKTNGRL	374	>FGFR3-K65C YYKETTNGRL	632	258
>FGFR3-K65C YYKKTNGRL	158	>FGFR3-K65C YYKETTNGRL	314	156
>FGFR3-K65C YYKKTNGRL	12	>FGFR3-K65C YYKETTNGRL	15	3
>FGFR3-K65C YYKKTNGR	104	>FGFR3-K65C YYKETTNGR	168	64
>FGFR3-K65C YYKKTNGR	105	>FGFR3-K65C YYKETTNGR	51	54
>FGFR3-K65C YYKKTNGR	162	>FGFR3-K65C YYKETTNGR	134	28
>FGFR3-K65C YYKKTNGR	35	>FGFR3-K65C YYKETTNGR	46	11
>FGFR3-K65C DYYKKTNGF	262	>FGFR3-K65C DYYKETTNGF	586	324
>FGFR3-K65C DYYKKTNGF	702	>FGFR3-K65C DYYKETTNGF	452	250
>FGFR3-K65C DYYKKTNGF	224	>FGFR3-K65C DYYKETTNGF	828	604
>FGFR3-K65C DYYKKTNGF	149	>FGFR3-K65C DYYKETTNGF	283	134
>FGFR3-K65C DYYKKTNGF	25	>FGFR3-K65C DYYKETTNGF	24	1
>FGFR3-K65C HNLDDYK	352	>FGFR3-K65C HNLDDYK	19308	18956

>FGFR3-K65C DVHNLDDYYKI	408	>FGFR3-K65C DVHNLDDYYKE	31881	31473
>FGFR3-K65C DVHNLDDYYKI	48	>FGFR3-K65C DVHNLDDYYKE	19506	19458
>FGFR3-K65C KTTNGRLPV	1349	>FGFR3-K65C MTTNGRLPV	365	984
>FGFR3-K65C KTTNGRLPV	136	>FGFR3-K65C MTTNGRLPV	82	54
>FGFR3-K65C KTTNGRLPV	349	>FGFR3-K65C MTTNGRLPV	32	317
>FGFR3-K65C KTTNGRLPVK	62	>FGFR3-K65C MTTNGRLPV	91	29
>FGFR3-K65C KTTNGRLPVK	25	>FGFR3-K65C MTTNGRLPV	20	5
>FGFR3-K65C KTTNGRLPV	22	>FGFR3-K65C MTTNGRLPV	90	68
>FGFR3-K65C KTTNGRLPVK	6	>FGFR3-K65C MTTNGRLPV	11	5
>FGFR3-K65C KTTNGRLPV	209	>FGFR3-K65C MTTNGRLPV	1799	1590
>FGFR3-K65C KTTNGRLPVK	28	>FGFR3-K65C MTTNGRLPV	238	210
>FGFR3-K65C KTTNGRLPVK	2921	>FGFR3-K65C MTTNGRLPV	50	2871
>FGFR3-K65C KTTNGRLPV	578	>FGFR3-K65C MTTNGRLPV	7	571
>FGFR3-K65C KTTNGRLPV	1438	>FGFR3-K65C MTTNGRLPV	35	1403
>FGFR3-K65C KTTNGRLPV	141	>FGFR3-K65C MTTNGRLPV	307	166
>FGFR3-K65C KTTNGRLPVK	15	>FGFR3-K65C MTTNGRLPV	9	6
>FGFR3-K65C KTTNGRLPVK	6489	>FGFR3-K65C MTTNGRLPV	363	6126
>FGFR3-K65C KTTNGRLPVK	47	>FGFR3-K65C MTTNGRLPV	65	18
>FGFR3-K65C KTTNGRLPVK	13	>FGFR3-K65C MTTNGRLPV	13	0
>FGFR3-K65C KTTNGRLPVK	332	>FGFR3-K65C MTTNGRLPV	290	42
>FGFR3-K65C KTTNGRLPVK	2818	>FGFR3-K65C MTTNGRLPV	84	2734
>FGFR3-K65C KKTTNGRLPV	22432	>FGFR3-K65C KMTTNGRLP'	172	22260
>FGFR3-K65C KKTTNGRL	26620	>FGFR3-K65C KMTTNGRL	380	26240
>FGFR3-K65C KKTTNGRLPV	14895	>FGFR3-K65C KMTTNGRLP'	61	14834
>FGFR3-K65C KKTTNGRLPV	10118	>FGFR3-K65C KMTTNGRLP'	25	10093
>FGFR3-K65C KKTTNGRLPV	8516	>FGFR3-K65C KMTTNGRLP'	235	8281
>FGFR3-K65C KKTTNGRL	24700	>FGFR3-K65C KMTTNGRL	110	24590
>FGFR3-K65C KKTTNGRLPV	15272	>FGFR3-K65C KMTTNGRLP'	11	15261
>FGFR3-K65C KKTTNGRL	23633	>FGFR3-K65C KMTTNGRL	230	23403
>FGFR3-K65C KKTTNGRLPV	13135	>FGFR3-K65C KMTTNGRLP'	14	13121
>FGFR3-K65C KKTTNGRLPV	14117	>FGFR3-K65C KMTTNGRLP'	18	14099
>FGFR3-K65C KKTTNGRL	30935	>FGFR3-K65C KMTTNGRL	53	30882
>FGFR3-K65C KKTTNGRLPV	16595	>FGFR3-K65C KMTTNGRLP'	5	16590
>FGFR3-K65C KKTTNGRLPV	16198	>FGFR3-K65C KMTTNGRLP'	57	16141
>FGFR3-K65C KKTTNGRLPV	18251	>FGFR3-K65C KMTTNGRLP'	167	18084
>FGFR3-K65C KKTTNGRLPV	5884	>FGFR3-K65C KMTTNGRLP'	389	5495
>FGFR3-K65C KKTTNGRLPV	1312	>FGFR3-K65C KMTTNGRLP'	35	1277
>FGFR3-K65C KKTTNGRLPV	14206	>FGFR3-K65C KMTTNGRLP'	353	13853
>FGFR3-K65C KKTTNGRL	450	>FGFR3-K65C KMTTNGRL	1079	629
>FGFR3-K65C KKTTNGRLPV	56	>FGFR3-K65C KMTTNGRLP'	157	101
>FGFR3-K65C YKKTNGRLP	6623	>FGFR3-K65C YKMTTNGRLI	290	6333
>FGFR3-K65C YKKTNGR	1684	>FGFR3-K65C YKMTTNGR	413	1271
>FGFR3-K65C YKKTNGR	289	>FGFR3-K65C YKMTTNGR	101	188



>FGFR3-K65C YKKTNGRL	154	>FGFR3-K65C YKMTNGRL	61	93
>FGFR3-K65C YKKTNGRLP	28	>FGFR3-K65C YKMTNGRLI	13	15
>FGFR3-K65C YKKTNGRL	6299	>FGFR3-K65C YKMTNGRL	39	6260
>FGFR3-K65C YKKTNGRLP	4446	>FGFR3-K65C YKMTNGRLI	38	4408
>FGFR3-K65C YKKTNGR	1028	>FGFR3-K65C YKMTNGR	498	530
>FGFR3-K65C YKKTNGRL	12	>FGFR3-K65C YKMTNGRI	14	2
>FGFR3-K65C YKKTNGRL	374	>FGFR3-K65C YKMTNGRI	507	133
>FGFR3-K65C YKKTNGRL	158	>FGFR3-K65C YKMTNGRI	305	147
>FGFR3-K65C YKKTNGRL	12	>FGFR3-K65C YKMTNGRI	19	7
>FGFR3-K65C YKKTNGR	104	>FGFR3-K65C YKMTNGR	71	33
>FGFR3-K65C YKKTNGR	105	>FGFR3-K65C YKMTNGR	43	62
>FGFR3-K65C YKKTNGR	162	>FGFR3-K65C YKMTNGR	113	49
>FGFR3-K65C YKKTNGR	35	>FGFR3-K65C YKMTNGR	44	9
>FGFR3-K65C DYKKTNGF	262	>FGFR3-K65C DYKMTNG	20	242
>FGFR3-K65C DYKKTNGF	224	>FGFR3-K65C DYKMTNG	106	118
>FGFR3-K65C DYKKTNGF	149	>FGFR3-K65C DYKMTNG	63	86
>FGFR3-K65C DYKKTNGF	25	>FGFR3-K65C DYKMTNG	25	0
>FGFR3-K65C HNLDYK	352	>FGFR3-K65C HNLDYKM	17519	17167
>FGFR3-K65C DVHNLDYKI	408	>FGFR3-K65C DVHNLDYKI	33365	32957
>FGFR3-K65C DVHNLDYKI	21851	>FGFR3-K65C DVHNLDYKI	206	21645
>FGFR3-K65C DVHNLDYKI	48	>FGFR3-K65C DVHNLDYKI	23725	23677
>FGFR3-K65C KTTNGRLPV	136	>FGFR3-K65C NTTNGRLPV	807	671
>FGFR3-K65C KTTNGRLPV	349	>FGFR3-K65C NTTNGRLPV	2408	2059
>FGFR3-K65C KTTNGRLPVK	62	>FGFR3-K65C NTTNGRLPVK	452	390
>FGFR3-K65C KTTNGRLPVK	25	>FGFR3-K65C NTTNGRLPVK	49	24
>FGFR3-K65C KTTNGRLPV	22	>FGFR3-K65C NTTNGRLPV	5619	5597
>FGFR3-K65C KTTNGRLPVK	6	>FGFR3-K65C NTTNGRLPVK	1033	1027
>FGFR3-K65C KTTNGRLPV	209	>FGFR3-K65C NTTNGRLPV	7558	7349
>FGFR3-K65C KTTNGRLPVK	28	>FGFR3-K65C NTTNGRLPVK	2352	2324
>FGFR3-K65C KTTNGRLPVK	2921	>FGFR3-K65C NTTNGRLPVK	78	2843
>FGFR3-K65C KTTNGRLPV	578	>FGFR3-K65C NTTNGRLPV	16	562
>FGFR3-K65C KTTNGRLPV	1438	>FGFR3-K65C NTTNGRLPV	38	1400
>FGFR3-K65C KTTNGRLPV	141	>FGFR3-K65C NTTNGRLPV	9772	9631
>FGFR3-K65C KTTNGRLPVK	15	>FGFR3-K65C NTTNGRLPVK	146	131
>FGFR3-K65C KTTNGRLPVK	47	>FGFR3-K65C NTTNGRLPVK	429	382
>FGFR3-K65C KTTNGRLPVK	13	>FGFR3-K65C NTTNGRLPVK	213	200
>FGFR3-K65C KTTNGRLPVK	332	>FGFR3-K65C NTTNGRLPVK	3020	2688
>FGFR3-K65C KKTTNGRLPV	1312	>FGFR3-K65C KNTTNGRLPV	404	908
>FGFR3-K65C KKTTNGRL	450	>FGFR3-K65C KNTTNGRL	10630	10180
>FGFR3-K65C KKTTNGRLPV	56	>FGFR3-K65C KNTTNGRLPV	4598	4542
>FGFR3-K65C YKKTNGR	289	>FGFR3-K65C YKNTNGR	403	114
>FGFR3-K65C YKKTNGRL	154	>FGFR3-K65C YKNTNGRL	200	46
>FGFR3-K65C YKKTNGRLP	28	>FGFR3-K65C YKNTNGRLP	29	1

>FGFR3-K65C YKKTTNGRLP	4446	>FGFR3-K65C YKNTTNGRLF	338	4108
>FGFR3-K65C YYKTTNGRL	12	>FGFR3-K65C YYKNTTNGRL	19	7
>FGFR3-K65C YYKTTNGRL	374	>FGFR3-K65C YYKNTTNGRL	730	356
>FGFR3-K65C YYKTTNGRL	158	>FGFR3-K65C YYKNTTNGRL	416	258
>FGFR3-K65C YYKTTNGRL	12	>FGFR3-K65C YYKNTTNGRL	14	2
>FGFR3-K65C YYKTTNGR	104	>FGFR3-K65C YYKNTTNGR	70	34
>FGFR3-K65C YYKTTNGR	105	>FGFR3-K65C YYKNTTNGR	81	24
>FGFR3-K65C YYKTTNGR	162	>FGFR3-K65C YYKNTTNGR	130	32
>FGFR3-K65C YYKTTNGR	35	>FGFR3-K65C YYKNTTNGR	54	19
>FGFR3-K65C DYYKTTNGF	262	>FGFR3-K65C DYYKNTTNGF	67	195
>FGFR3-K65C DYYKTTNGF	702	>FGFR3-K65C DYYKNTTNGF	352	350
>FGFR3-K65C DYYKTTNGF	224	>FGFR3-K65C DYYKNTTNGF	252	28
>FGFR3-K65C DYYKTTNGF	149	>FGFR3-K65C DYYKNTTNGF	123	26
>FGFR3-K65C DYYKTTNGF	25	>FGFR3-K65C DYYKNTTNGF	25	0
>FGFR3-K65C HNLDDYK	352	>FGFR3-K65C HNLDDYKN	16520	16168
>FGFR3-K65C DVHNLDDYK	408	>FGFR3-K65C DVHNLDDYK	32674	32266
>FGFR3-K65C DVHNLDDYK	48	>FGFR3-K65C DVHNLDDYK	22723	22675
>FGFR3-K65C KTTNGRLPV	136	>FGFR3-K65C QTTNGRLPV	803	667
>FGFR3-K65C KTTNGRLPV	349	>FGFR3-K65C QTTNGRLPV	1605	1256
>FGFR3-K65C KTTNGRLPVK	62	>FGFR3-K65C QTTNGRLPV	249	187
>FGFR3-K65C KTTNGRLPVK	25	>FGFR3-K65C QTTNGRLPV	35	10
>FGFR3-K65C KTTNGRLPV	22	>FGFR3-K65C QTTNGRLPV	971	949
>FGFR3-K65C KTTNGRLPVK	6	>FGFR3-K65C QTTNGRLPV	79	73
>FGFR3-K65C KTTNGRLPV	209	>FGFR3-K65C QTTNGRLPV	1630	1421
>FGFR3-K65C KTTNGRLPVK	28	>FGFR3-K65C QTTNGRLPV	238	210
>FGFR3-K65C KTTNGRLPVK	2921	>FGFR3-K65C QTTNGRLPV	306	2615
>FGFR3-K65C KTTNGRLPV	578	>FGFR3-K65C QTTNGRLPV	22	556
>FGFR3-K65C KTTNGRLPV	1438	>FGFR3-K65C QTTNGRLPV	85	1353
>FGFR3-K65C KTTNGRLPV	141	>FGFR3-K65C QTTNGRLPV	1914	1773
>FGFR3-K65C KTTNGRLPVK	15	>FGFR3-K65C QTTNGRLPV	28	13
>FGFR3-K65C KTTNGRLPVK	47	>FGFR3-K65C QTTNGRLPV	271	224
>FGFR3-K65C KTTNGRLPVK	13	>FGFR3-K65C QTTNGRLPV	44	31
>FGFR3-K65C KTTNGRLPVK	332	>FGFR3-K65C QTTNGRLPV	997	665
>FGFR3-K65C KKTTNGRLPV	10118	>FGFR3-K65C KQTTNGRLPV	269	9849
>FGFR3-K65C KKTTNGRLPV	8516	>FGFR3-K65C KQTTNGRLPV	385	8131
>FGFR3-K65C KKTTNGRLPV	1312	>FGFR3-K65C KQTTNGRLPV	134	1178
>FGFR3-K65C KKTTNGRL	450	>FGFR3-K65C KQTTNGRL	447	3
>FGFR3-K65C KKTTNGRLPV	56	>FGFR3-K65C KQTTNGRLPV	61	5
>FGFR3-K65C YKTTNGR	289	>FGFR3-K65C YKQTTNGR	1048	759
>FGFR3-K65C YKTTNGRL	154	>FGFR3-K65C YKQTTNGRL	432	278
>FGFR3-K65C YKTTNGRLP	28	>FGFR3-K65C YKQTTNGRLF	58	30
>FGFR3-K65C YKTTNGRLP	4446	>FGFR3-K65C YKQTTNGRLF	377	4069
>FGFR3-K65C YYKTTNGRL	12	>FGFR3-K65C YYKQTTNGRL	20	8

>FGFR3-K65C YYKKTTNGRL	374	>FGFR3-K65C YYKQTTNGRL	605	231
>FGFR3-K65C YYKKTTNGRL	158	>FGFR3-K65C YYKQTTNGRL	314	156
>FGFR3-K65C YYKKTTNGRL	12	>FGFR3-K65C YYKQTTNGRL	11	1
>FGFR3-K65C YYKKTTNGR	104	>FGFR3-K65C YYKQTTNGR	354	250
>FGFR3-K65C YYKKTTNGR	105	>FGFR3-K65C YYKQTTNGR	121	16
>FGFR3-K65C YYKKTTNGR	162	>FGFR3-K65C YYKQTTNGR	153	9
>FGFR3-K65C YYKKTTNGR	35	>FGFR3-K65C YYKQTTNGR	33	2
>FGFR3-K65C DYYKTTNGF	262	>FGFR3-K65C DYYKQTTNGI	142	120
>FGFR3-K65C DYYKTTNGF	702	>FGFR3-K65C DYYKQTTNGI	415	287
>FGFR3-K65C DYYKTTNGF	224	>FGFR3-K65C DYYKQTTNGI	346	122
>FGFR3-K65C DYYKTTNGF	149	>FGFR3-K65C DYYKQTTNGI	175	26
>FGFR3-K65C DYYKTTNGF	25	>FGFR3-K65C DYYKQTTNGI	24	1
>FGFR3-K65C HNLDDYK	352	>FGFR3-K65C HNLDDYKQ	4612	4260
>FGFR3-K65C DVHNLDDYK	408	>FGFR3-K65C DVHNLDDYK	30954	30546
>FGFR3-K65C DVHNLDDYK	48	>FGFR3-K65C DVHNLDDYK	16716	16668
>FGFR3-K65C KTTNGRLPV	136	>FGFR3-K65C TTTNGRLPV	682	546
>FGFR3-K65C KTTNGRLPV	349	>FGFR3-K65C TTTNGRLPV	622	273
>FGFR3-K65C KTTNGRLPVK	62	>FGFR3-K65C TTTNGRLPVK	219	157
>FGFR3-K65C KTTNGRLPVK	25	>FGFR3-K65C TTTNGRLPVK	19	6
>FGFR3-K65C KTTNGRLPV	22	>FGFR3-K65C TTTNGRLPV	1252	1230
>FGFR3-K65C KTTNGRLPVK	6	>FGFR3-K65C TTTNGRLPVK	107	101
>FGFR3-K65C KTTNGRLPV	209	>FGFR3-K65C TTTNGRLPV	4407	4198
>FGFR3-K65C KTTNGRLPVK	28	>FGFR3-K65C TTTNGRLPVK	657	629
>FGFR3-K65C KTTNGRLPVK	2921	>FGFR3-K65C TTTNGRLPVK	106	2815
>FGFR3-K65C KTTNGRLPV	578	>FGFR3-K65C TTTNGRLPV	12	566
>FGFR3-K65C KTTNGRLPV	1438	>FGFR3-K65C TTTNGRLPV	51	1387
>FGFR3-K65C KTTNGRLPV	141	>FGFR3-K65C TTTNGRLPV	2499	2358
>FGFR3-K65C KTTNGRLPVK	15	>FGFR3-K65C TTTNGRLPVK	34	19
>FGFR3-K65C KTTNGRLPVK	47	>FGFR3-K65C TTTNGRLPVK	93	46
>FGFR3-K65C KTTNGRLPVK	13	>FGFR3-K65C TTTNGRLPVK	40	27
>FGFR3-K65C KTTNGRLPVK	332	>FGFR3-K65C TTTNGRLPVK	942	610
>FGFR3-K65C KKTTNGRLPV	10118	>FGFR3-K65C KTTTNGRLPV	269	9849
>FGFR3-K65C KKTTNGRLPV	8516	>FGFR3-K65C KTTTNGRLPV	478	8038
>FGFR3-K65C KKTTNGRLPV	16198	>FGFR3-K65C KTTTNGRLPV	172	16026
>FGFR3-K65C KKTTNGRLPV	18251	>FGFR3-K65C KTTTNGRLPV	86	18165
>FGFR3-K65C KKTTNGRLPV	5884	>FGFR3-K65C KTTTNGRLPV	59	5825
>FGFR3-K65C KKTTNGRLPV	1312	>FGFR3-K65C KTTTNGRLPV	9	1303
>FGFR3-K65C KKTTNGRL	450	>FGFR3-K65C KTTTNGRL	7601	7151
>FGFR3-K65C KKTTNGRLPV	56	>FGFR3-K65C KTTTNGRLPV	2915	2859
>FGFR3-K65C KKTTNGRL	22056	>FGFR3-K65C KTTTNGRL	11	22045
>FGFR3-K65C KKTTNGRLPV	27125	>FGFR3-K65C KTTTNGRLPV	201	26924
>FGFR3-K65C KKTTNGRLPV	19356	>FGFR3-K65C KTTTNGRLPV	309	19047
>FGFR3-K65C YKTTNGR	1684	>FGFR3-K65C YKTTNGR	487	1197

>FGFR3-K65C YKKTNGR	289	>FGFR3-K65C YKTTNGR	981	692
>FGFR3-K65C YKKTNGRL	154	>FGFR3-K65C YKTTNGRL	417	263
>FGFR3-K65C YKKTNGRLP	28	>FGFR3-K65C YKTTNGRLP	61	33
>FGFR3-K65C YKKTNGRL	12	>FGFR3-K65C YKTTNGRL	9	3
>FGFR3-K65C YKKTNGRL	374	>FGFR3-K65C YKTTNGRL	488	114
>FGFR3-K65C YKKTNGRL	158	>FGFR3-K65C YKTTNGRL	237	79
>FGFR3-K65C YKKTNGRL	12	>FGFR3-K65C YKTTNGRL	20	8
>FGFR3-K65C YKKTNGR	104	>FGFR3-K65C YKTTNGR	114	10
>FGFR3-K65C YKKTNGR	105	>FGFR3-K65C YKTTNGR	125	20
>FGFR3-K65C YKKTNGR	162	>FGFR3-K65C YKTTNGR	132	30
>FGFR3-K65C YKKTNGR	35	>FGFR3-K65C YKTTNGR	31	4
>FGFR3-K65C DYYKTTNGF	262	>FGFR3-K65C DYYKTTNGF	32	230
>FGFR3-K65C DYYKTTNGF	702	>FGFR3-K65C DYYKTTNGF	468	234
>FGFR3-K65C DYYKTTNGF	224	>FGFR3-K65C DYYKTTNGF	304	80
>FGFR3-K65C DYYKTTNGF	149	>FGFR3-K65C DYYKTTNGF	128	21
>FGFR3-K65C DYYKTTNGF	25	>FGFR3-K65C DYYKTTNGF	22	3
>FGFR3-K65C HNL DYYK	352	>FGFR3-K65C HNL DYYK	21489	21137
>FGFR3-K65C DVHNL DYYK	408	>FGFR3-K65C DVHNL DYYK	32923	32515
>FGFR3-K65C DVHNL DYYK	48	>FGFR3-K65C DVHNL DYYK	23138	23090
>FGFR3-N54( NLLGACTQ	2004	>FGFR3-N54( SLLGACTQ	293	1711
>FGFR3-N54( NLLGACTQ	2018	>FGFR3-N54( SLLGACTQ	92	1926
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>FGFR3-N54( INLLGACTQ	20978	>FGFR3-N54( ISLLGACTQ	94	20884
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>FGFR3-N54( NIINLLGA	84	>FGFR3-N54( NIISLLGA	101	17
>FGFR3-N54( NIINLLGA	495	>FGFR3-N54( NIISLLGA	375	120
>FGFR3-N54( HKNIINLL	722	>FGFR3-N54( HKNIISLL	384	338
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>FGFR3-N54( KHKNIINLL	3047	>FGFR3-N54( KHKNIISLL	312	2735
>FGFR3-N54( KHKNIINLL	548	>FGFR3-N54( KHKNIISLL	384	164
>FGFR3-N54( KHKNIINLL	678	>FGFR3-N54( KHKNIISLL	470	208
>FGFR3-N54( GKHKNIINL	121	>FGFR3-N54( GKHKNIISL	55	66
>FGFR3-N54( GKHKNIINLL	313	>FGFR3-N54( GKHKNIISLL	165	148
>FGFR3-N54( GKHKNIINL	469	>FGFR3-N54( GKHKNIISL	500	31
>FGFR3-N54( IGKHKNIINLL	1826	>FGFR3-N54( IGKHKNIISLL	345	1481
>FGFR3-N54( MIGKHKNIIN	401	>FGFR3-N54( MIGKHKNIISL	354	47
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>FGFR3-N54( MIGKHKNIIN	239	>FGFR3-N54( MIGKHKNIISL	116	123
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>FGFR3-N65: NGRLPVKW	2361	>FGFR3-N65: HGRLPVKW	167	2194
>FGFR3-N65: NGRLPVKW	3268	>FGFR3-N65: HGRLPVKW	160	3108
>FGFR3-N65: TTNGRLPV	165	>FGFR3-N65: TTHGRLPV	320	155
>FGFR3-N65: TTNGRLPV	277	>FGFR3-N65: TTHGRLPV	363	86

>FGFR3-N65:TTNGRLPV	328	>FGFR3-N65:TTHGRLPV	313	15
>FGFR3-N65:TTNGRLPVK	121	>FGFR3-N65:TTHGRLPVK	160	39
>FGFR3-N65:TTNGRLPVK	20	>FGFR3-N65:TTHGRLPVK	34	14
>FGFR3-N65:TTNGRLPVKV	1021	>FGFR3-N65:TTHGRLPVKV	373	648
>FGFR3-N65:TTNGRLPVKV	20	>FGFR3-N65:TTHGRLPVKV	9	11
>FGFR3-N65:TTNGRLPVKV	311	>FGFR3-N65:TTHGRLPVKV	47	264
>FGFR3-N65:TTNGRLPV	1085	>FGFR3-N65:TTHGRLPV	68	1017
>FGFR3-N65:TTNGRLPVK	48	>FGFR3-N65:TTHGRLPVK	7	41
>FGFR3-N65:TTNGRLPVKV	266	>FGFR3-N65:TTHGRLPVKV	364	98
>FGFR3-N65:TTNGRLPVK	107	>FGFR3-N65:TTHGRLPVK	86	21
>FGFR3-N65:TTNGRLPV	18	>FGFR3-N65:TTHGRLPV	18	0
>FGFR3-N65:TTNGRLPV	32	>FGFR3-N65:TTHGRLPV	151	119
>FGFR3-N65:TTNGRLPVKV	17	>FGFR3-N65:TTHGRLPVKV	10	7
>FGFR3-N65:TTNGRLPVKV	32	>FGFR3-N65:TTHGRLPVKV	19	13
>FGFR3-N65:TTNGRLPVKV	44	>FGFR3-N65:TTHGRLPVKV	44	0
>FGFR3-N65:TTNGRLPVKV	28	>FGFR3-N65:TTHGRLPVKV	130	102
>FGFR3-N65:TTNGRLPVKV	327	>FGFR3-N65:TTHGRLPVKV	476	149
>FGFR3-N65:TTNGRLPVKV	85	>FGFR3-N65:TTHGRLPVKV	98	13
>FGFR3-N65:KTTNGRLPV	136	>FGFR3-N65:KTTHGRLPV	197	61
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>FGFR3-N65:KTTNGRLPVK	62	>FGFR3-N65:KTTHGRLPVK	83	21
>FGFR3-N65:KTTNGRLPVK	25	>FGFR3-N65:KTTHGRLPVK	40	15
>FGFR3-N65:KTTNGRLPV	22	>FGFR3-N65:KTTHGRLPV	17	5
>FGFR3-N65:KTTNGRLPVK	6	>FGFR3-N65:KTTHGRLPVK	6	0
>FGFR3-N65:KTTNGRLPV	209	>FGFR3-N65:KTTHGRLPV	405	196
>FGFR3-N65:KTTNGRLPVK	28	>FGFR3-N65:KTTHGRLPVK	46	18
>FGFR3-N65:KTTNGRLPV	578	>FGFR3-N65:KTTHGRLPV	223	355
>FGFR3-N65:KTTNGRLPV	141	>FGFR3-N65:KTTHGRLPV	55	86
>FGFR3-N65:KTTNGRLPVK	15	>FGFR3-N65:KTTHGRLPVK	11	4
>FGFR3-N65:KTTNGRLPVK	47	>FGFR3-N65:KTTHGRLPVK	40	7
>FGFR3-N65:KTTNGRLPVK	13	>FGFR3-N65:KTTHGRLPVK	12	1
>FGFR3-N65:KTTNGRLPVK	332	>FGFR3-N65:KTTHGRLPVK	642	310
>FGFR3-N65:KKTNGRL	450	>FGFR3-N65:KKTTHGRL	453	3
>FGFR3-N65:KKTNGRLPV	56	>FGFR3-N65:KKTTHGRLPV	55	1
>FGFR3-N65:YKKTNGR	289	>FGFR3-N65:YKKTTHGR	300	11
>FGFR3-N65:YKKTNGRL	154	>FGFR3-N65:YKKTTHGRL	105	49
>FGFR3-N65:YKKTNGRLPV	28	>FGFR3-N65:YKKTTHGRLPV	24	4
>FGFR3-N65:YKKTNGR	1028	>FGFR3-N65:YKKTTHGR	430	598
>FGFR3-N65:YKKTNGRL	12	>FGFR3-N65:YKKTTHGRL	42	30
>FGFR3-N65:YKKTNGRL	374	>FGFR3-N65:YKKTTHGRL	172	202
>FGFR3-N65:YKKTNGRL	158	>FGFR3-N65:YKKTTHGRL	126	32
>FGFR3-N65:YKKTNGR	531	>FGFR3-N65:YKKTTHGR	308	223
>FGFR3-N65:YKKTNGRL	12	>FGFR3-N65:YKKTTHGRL	9	3

>FGFR3-N65:YYKKTNGR	104	>FGFR3-N65:YYKKTTHGR	25	79
>FGFR3-N65:YYKKTNGR	105	>FGFR3-N65:YYKKTTHGR	57	48
>FGFR3-N65:YYKKTNGR	162	>FGFR3-N65:YYKKTTHGR	101	61
>FGFR3-N65:YYKKTNGR	35	>FGFR3-N65:YYKKTTHGR	23	12
>FGFR3-N65:DYYKKTNGF	262	>FGFR3-N65:DYYKKTTHGF	522	260
>FGFR3-N65:DYYKKTNGF	224	>FGFR3-N65:DYYKKTTHGF	103	121
>FGFR3-N65:DYYKKTNGF	149	>FGFR3-N65:DYYKKTTHGF	110	39
>FGFR3-N65:DYYKKTNGF	25	>FGFR3-N65:DYYKKTTHGF	18	7
>FGFR3-P572PPGLDYSF	481	>FGFR3-P572APGLDYSF	130	351
>FGFR3-P572PPGLDYSF	395	>FGFR3-P572APGLDYSF	251	144
>FGFR3-P572RPPGLDYSF	46	>FGFR3-P572RAPGLDYSF	19580	19534
>FGFR3-P572RPPGLDYSF	1258	>FGFR3-P572RAPGLDYSF	112	1146
>FGFR3-P572RPPGLDYSF	402	>FGFR3-P572RAPGLDYSF	37	365
>FGFR3-P572RPPGLDYSF	381	>FGFR3-P572RAPGLDYSF	7133	6752
>FGFR3-P572RPPGLDYSF	15141	>FGFR3-P572RAPGLDYSF	346	14795
>FGFR3-P572RPPGLDYSF	44	>FGFR3-P572RAPGLDYSF	209	165
>FGFR3-P572RPPGLDYSF	17122	>FGFR3-P572RAPGLDYSF	202	16920
>FGFR3-P572RPPGLDYSF	1232	>FGFR3-P572RAPGLDYSF	40	1192
>FGFR3-P572NLREFLRARR	13361	>FGFR3-P572NLREFLRARR	164	13197
>FGFR3-P572RRPPGLDYSF	464	>FGFR3-P572RRAPGLDYSF	2697	2233
>FGFR3-P572RRPPGLDY	2822	>FGFR3-P572RRAPGLDY	451	2371
>FGFR3-P572RRPPGLDY	1917	>FGFR3-P572RRAPGLDY	389	1528
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>FGFR3-P572RRPPGLDY	269	>FGFR3-P572RRAPGLDY	53	216
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>FGFR3-P572RRPPGLDY	2311	>FGFR3-P572RRAPGLDY	298	2013
>FGFR3-P572RRPPGLDYSF	72	>FGFR3-P572RRAPGLDYSF	28	44
>FGFR3-P572RRPPGLDY	485	>FGFR3-P572RRAPGLDY	38	447
>FGFR3-P572RRPPGLDYS	1121	>FGFR3-P572RRAPGLDYS	464	657
>FGFR3-P572RRPPGLDYSF	812	>FGFR3-P572RRAPGLDYSF	355	457
>FGFR3-P572RRPPGLDY	2369	>FGFR3-P572RRAPGLDY	299	2070
>FGFR3-P572RRPPGLDYSF	176	>FGFR3-P572RRAPGLDYSF	148	28
>FGFR3-P572ARRPPGLDY	863	>FGFR3-P572ARRAPGLDY	405	458
>FGFR3-P572ARRPPGLDY	14	>FGFR3-P572ARRAPGLDY	14	0
>FGFR3-P572ARRPPGLDYS	12	>FGFR3-P572ARRAPGLDYS	11	1
>FGFR3-P572ARRPPGLDY	487	>FGFR3-P572ARRAPGLDY	362	125
>FGFR3-P572ARRPPGLDYS	457	>FGFR3-P572ARRAPGLDYS	676	219
>FGFR3-P572RARRPPGL	8	>FGFR3-P572RARRAPGL	6	2
>FGFR3-P572RARRPPGLD	222	>FGFR3-P572RARRAPGLD	82	140
>FGFR3-P572RARRPPGLDY	24	>FGFR3-P572RARRAPGLDY	13	11
>FGFR3-P572RARRPPGLDY	28	>FGFR3-P572RARRAPGLDY	14	14
>FGFR3-P572RARRPPGLDY	138	>FGFR3-P572RARRAPGLDY	94	44
>FGFR3-P572RARRPPGL	107	>FGFR3-P572RARRAPGL	84	23

>FGFR3-P572RARRPPGLDY	420	>FGFR3-P572RARRAPGLDY	251	169
>FGFR3-P572RARRPPGLDY	62	>FGFR3-P572RARRAPGLDY	78	16
>FGFR3-P572RARRPPGL	11	>FGFR3-P572RARRAPGL	9	2
>FGFR3-P572RARRPPGLDY	9	>FGFR3-P572RARRAPGLDY	11	2
>FGFR3-P572RARRPPGLDY	225	>FGFR3-P572RARRAPGLDY	173	52
>FGFR3-P572RARRPPGLDY	215	>FGFR3-P572RARRAPGLDY	125	90
>FGFR3-P572LRARRPPGLD	102	>FGFR3-P572LRARRAPGLD	116	14
>FGFR3-P572LRARRPPGL	114	>FGFR3-P572LRARRAPGL	87	27
>FGFR3-P572LRARRPPG	136	>FGFR3-P572LRARRAPG	143	7
>FGFR3-P572LRARRPPGL	496	>FGFR3-P572LRARRAPGL	466	30
>FGFR3-P572LRARRPPGL	13	>FGFR3-P572LRARRAPGL	18	5
>FGFR3-P572FLRARRPPGL	126	>FGFR3-P572FLRARRAPGL	170	44
>FGFR3-P572FLRARRPPGL	52	>FGFR3-P572FLRARRAPGL	149	97
>FGFR3-P572FLRARRPPGL	42	>FGFR3-P572FLRARRAPGL	71	29
>FGFR3-P572FLRARRPPGL	319	>FGFR3-P572FLRARRAPGL	292	27
>FGFR3-P572FLRARRPPGL	118	>FGFR3-P572FLRARRAPGL	229	111
>FGFR3-P572FLRARRPPGL	4	>FGFR3-P572FLRARRAPGL	3	1
>FGFR3-P572FLRARRPP	400	>FGFR3-P572FLRARRAP	299	101
>FGFR3-P572FLRARRPPG	24	>FGFR3-P572FLRARRAPG	17	7
>FGFR3-P572FLRARRPPG	710	>FGFR3-P572FLRARRAPG	389	321
>FGFR3-P572REFLRARRPP	234	>FGFR3-P572REFLRARRAP	310	76
>FGFR3-P572REFLRARRP	12985	>FGFR3-P572REFLRARRA	232	12753
>FGFR3-P572REFLRARRP	1254	>FGFR3-P572REFLRARRA	274	980
>FGFR3-P572REFLRARRPP	286	>FGFR3-P572REFLRARRAP	597	311
>FGFR3-R248RSPHRPIL	824	>FGFR3-R248CSPHRPIL	84	740
>FGFR3-R248RSPHRPILQ	2731	>FGFR3-R248CSPHRPILQ	330	2401
>FGFR3-R248RSPHRPILQA	2617	>FGFR3-R248CSPHRPILQA	249	2368
>FGFR3-R248RSPHRPIL	265	>FGFR3-R248CSPHRPIL	9919	9654
>FGFR3-R248RSPHRPIL	278	>FGFR3-R248CSPHRPIL	72	206
>FGFR3-R248RSPHRPIL	273	>FGFR3-R248CSPHRPIL	227	46
>FGFR3-R248ERSPHRPIL	105	>FGFR3-R248ECSPHRPIL	9720	9615
>FGFR3-R248ERSPHRPIL	469	>FGFR3-R248ECSPHRPIL	30530	30061
>FGFR3-R248ERSPHRPIL	59	>FGFR3-R248ECSPHRPIL	33717	33658
>FGFR3-R248RQTYTLDVLE	68	>FGFR3-R248RQTYTLDVLE	19195	19127
>FGFR3-R248RQTYTLDVLE	352	>FGFR3-R248RQTYTLDVLE	1430	1078
>FGFR3-R248RQTYTLDVLE	420	>FGFR3-R248RQTYTLDVLE	36702	36282
>FGFR3-R248LERSPHRPI	170	>FGFR3-R248LECSPHRPI	994	824
>FGFR3-R248LERSPHRPIL	225	>FGFR3-R248LECSPHRPIL	1450	1225
>FGFR3-R248LERSPHRPI	756	>FGFR3-R248LECSPHRPI	480	276
>FGFR3-R248LERSPHRPI	997	>FGFR3-R248LECSPHRPI	128	869
>FGFR3-R248LERSPHRPI	273	>FGFR3-R248LECSPHRPI	1968	1695
>FGFR3-R248LERSPHRPI	214	>FGFR3-R248LECSPHRPI	616	402
>FGFR3-R248LERSPHRPIL	393	>FGFR3-R248LECSPHRPIL	419	26

>FGFR3-R24ε VLERSPHRPI	138	>FGFR3-R24ε VLECSPHRPI	81	57
>FGFR3-R24ε VLERSPHRPI	677	>FGFR3-R24ε VLECSPHRPI	170	507
>FGFR3-R24ε VLERSPHRPIL	985	>FGFR3-R24ε VLECSPHRPIL	233	752
>FGFR3-R24ε VLERSPHRPI	176	>FGFR3-R24ε VLECSPHRPI	545	369
>FGFR3-R24ε VLERSPHRPIL	14	>FGFR3-R24ε VLECSPHRPIL	30	16
>FGFR3-R24ε VLERSPHR	448	>FGFR3-R24ε VLECSPHR	919	471
>FGFR3-R24ε DVLERSPHR	23	>FGFR3-R24ε DVLECSPHR	33	10
>FGFR3-R24ε DVLERSPHR	119	>FGFR3-R24ε DVLECSPHR	104	15
>FGFR3-R24ε DVLERSPHRP	1498	>FGFR3-R24ε DVLECSPHRP	479	1019
>FGFR3-R24ε DVLERSPHRP	20	>FGFR3-R24ε DVLECSPHRP	19	1
>FGFR3-R24ε DVLERSPHR	1320	>FGFR3-R24ε DVLECSPHR	293	1027
>FGFR3-R24ε YTLDVLER	4760	>FGFR3-R24ε YTLDVLEC	89	4671
>FGFR3-R24ε YTLDVLEERS	171	>FGFR3-R24ε YTLDVLECS	202	31
>FGFR3-R24ε YTLDVLER	3162	>FGFR3-R24ε YTLDVLEC	24	3138
>FGFR3-R24ε YTLDVLEERS	109	>FGFR3-R24ε YTLDVLECS	543	434
>FGFR3-R24ε YTLDVLER	202	>FGFR3-R24ε YTLDVLEC	25289	25087
>FGFR3-R24ε YTLDVLER	143	>FGFR3-R24ε YTLDVLEC	21701	21558
>FGFR3-R24ε YTLDVLER	84	>FGFR3-R24ε YTLDVLEC	28330	28246
>FGFR3-R24ε YTLDVLER	8	>FGFR3-R24ε YTLDVLEC	22903	22895
>FGFR3-R24ε YTLDVLEERSPI	458	>FGFR3-R24ε YTLDVLECSPI	513	55
>FGFR3-R24ε YTLDVLEERS	302	>FGFR3-R24ε YTLDVLECS	1965	1663
>FGFR3-R24ε YTLDVLEERSPI	46	>FGFR3-R24ε YTLDVLECSPI	48	2
>FGFR3-R24ε TYTLDVLER	430	>FGFR3-R24ε TYTLDVLEC	39157	38727
>FGFR3-R24ε TYTLDVLER	459	>FGFR3-R24ε TYTLDVLEC	42711	42252
>FGFR3-R24ε TYTLDVLER	93	>FGFR3-R24ε TYTLDVLEC	34518	34425
>FGFR3-R24ε QTYTLDVLER	90	>FGFR3-R24ε QTYTLDVLEC	34275	34185
>FGFR3-R24ε QTYTLDVLER	181	>FGFR3-R24ε QTYTLDVLEC	30068	29887
>FGFR3-R24ε QTYTLDVLER	6	>FGFR3-R24ε QTYTLDVLEC	28875	28869
>FGFR3-R24ε QTYTLDVLER	384	>FGFR3-R24ε QTYTLDVLEC	910	526
>FGFR3-R24ε QTYTLDVLER	219	>FGFR3-R24ε QTYTLDVLEC	13666	13447
>FGFR3-R24ε QTYTLDVLER	93	>FGFR3-R24ε QTYTLDVLEC	34797	34704
>FGFR3-S24ε SPHRPILQAG	197	>FGFR3-S24ε CPHRPILQAG	2633	2436
>FGFR3-S24ε SPHRPILQA	300	>FGFR3-S24ε CPHRPILQA	1992	1692
>FGFR3-S24ε SPHRPILQAG	68	>FGFR3-S24ε CPHRPILQAG	322	254
>FGFR3-S24ε SPHRPILQA	465	>FGFR3-S24ε CPHRPILQA	38	427
>FGFR3-S24ε RSPHRPIL	265	>FGFR3-S24ε RCPHRPIL	21553	21288
>FGFR3-S24ε RSPHRPIL	278	>FGFR3-S24ε RCPHRPIL	26033	25755
>FGFR3-S24ε RSPHRPIL	273	>FGFR3-S24ε RCPHRPIL	5524	5251
>FGFR3-S24ε QTYTLDVLER	384	>FGFR3-S24ε QTYTLDVLER	1483	1099
>FGFR3-S24ε ERSPHRPIL	105	>FGFR3-S24ε ERCPHRPIL	165	60
>FGFR3-S24ε ERSPHRPIL	469	>FGFR3-S24ε ERCPHRPIL	686	217
>FGFR3-S24ε ERSPHRPIL	59	>FGFR3-S24ε ERCPHRPIL	49	10
>FGFR3-S24ε LERSPHRPI	170	>FGFR3-S24ε LERCPHRPI	242	72



>FGFR3-S249 LERSPHRPIL	225	>FGFR3-S249 LERCPHRPIL	320	95
>FGFR3-S249 LERSPHRPI	273	>FGFR3-S249 LERCPHRPI	603	330
>FGFR3-S249 LERSPHRPI	214	>FGFR3-S249 LERCPHRPI	331	117
>FGFR3-S249 LERSPHRPIL	393	>FGFR3-S249 LERCPHRPIL	230	163
>FGFR3-S249 VLERSPHRPI	138	>FGFR3-S249 VLERCPHRPI	233	95
>FGFR3-S249 VLERSPHRPI	677	>FGFR3-S249 VLERCPHRPI	467	210
>FGFR3-S249 VLERSPHRPI	176	>FGFR3-S249 VLERCPHRPI	266	90
>FGFR3-S249 VLERSPHRPIL	14	>FGFR3-S249 VLERCPHRPIL	15	1
>FGFR3-S249 VLERSPHR	448	>FGFR3-S249 VLERCPHR	355	93
>FGFR3-S249 DVLERSPHR	23	>FGFR3-S249 DVLERCPHR	16	7
>FGFR3-S249 DVLERSPHR	119	>FGFR3-S249 DVLERCPHR	93	26
>FGFR3-S249 DVLERSPHRP	20	>FGFR3-S249 DVLERCPHRP	32	12
>FGFR3-S249 YTLDV LERS	171	>FGFR3-S249 YTLDV LERC	72	99
>FGFR3-S249 YTLDV LERS	109	>FGFR3-S249 YTLDV LERC	13	96
>FGFR3-S249 YTLDV LERSPI	458	>FGFR3-S249 YTLDV LERCPI	547	89
>FGFR3-S249 YTLDV LERS	302	>FGFR3-S249 YTLDV LERC	574	272
>FGFR3-S249 YTLDV LERSPI	46	>FGFR3-S249 YTLDV LERCPI	605	559
>FGFR3-S249 SPHRPILQAG	197	>FGFR3-S249 TPHPILQAG	311	114
>FGFR3-S249 SPHRPILQA	300	>FGFR3-S249 TPHPILQA	1388	1088
>FGFR3-S249 SPHRPILQAG	68	>FGFR3-S249 TPHPILQAG	251	183
>FGFR3-S249 SPHRPILQA	465	>FGFR3-S249 TPHPILQA	345	120
>FGFR3-S249 RSPHRPILQA	662	>FGFR3-S249 RTPHRPILQA	301	361
>FGFR3-S249 RSPHRPIL	1097	>FGFR3-S249 RTPHRPIL	269	828
>FGFR3-S249 RSPHRPIL	265	>FGFR3-S249 RTPHRPIL	152	113
>FGFR3-S249 RSPHRPIL	278	>FGFR3-S249 RTPHRPIL	104	174
>FGFR3-S249 RSPHRPILQ	1462	>FGFR3-S249 RTPHRPILQ	415	1047
>FGFR3-S249 RSPHRPILQA	949	>FGFR3-S249 RTPHRPILQA	309	640
>FGFR3-S249 RSPHRPIL	273	>FGFR3-S249 RTPHRPIL	174	99
>FGFR3-S249 QTYTLDV LER	384	>FGFR3-S249 QTYTLDV LER	371	13
>FGFR3-S249 ERSPHRPIL	105	>FGFR3-S249 ERTPHRPIL	477	372
>FGFR3-S249 ERSPHRPIL	469	>FGFR3-S249 ERTPHRPIL	282	187
>FGFR3-S249 ERSPHRPIL	59	>FGFR3-S249 ERTPHRPIL	59	0
>FGFR3-S249 LERSPHRPI	170	>FGFR3-S249 LERTPHRPI	327	157
>FGFR3-S249 LERSPHRPIL	225	>FGFR3-S249 LERTPHRPIL	403	178
>FGFR3-S249 LERSPHRPI	273	>FGFR3-S249 LERTPHRPI	548	275
>FGFR3-S249 LERSPHRPI	214	>FGFR3-S249 LERTPHRPI	124	90
>FGFR3-S249 LERSPHRPIL	393	>FGFR3-S249 LERTPHRPIL	375	18
>FGFR3-S249 VLERSPHRPI	138	>FGFR3-S249 VLERTPHRPI	110	28
>FGFR3-S249 VLERSPHRPI	677	>FGFR3-S249 VLERTPHRPI	481	196
>FGFR3-S249 VLERSPHRPI	176	>FGFR3-S249 VLERTPHRPI	203	27
>FGFR3-S249 VLERSPHRPIL	14	>FGFR3-S249 VLERTPHRPIL	14	0
>FGFR3-S249 VLERSPHR	448	>FGFR3-S249 VLERTPHR	358	90
>FGFR3-S249 DVLERSPHR	23	>FGFR3-S249 DVLERTPHR	20	3

>FGFR3-S249 DVLERSPHR	119	>FGFR3-S249 DVLERTPHR	72	47
>FGFR3-S249 DVLERSPHRP	20	>FGFR3-S249 DVLERTPHRP	20	0
>FGFR3-S249 YTLDDLERS	2731	>FGFR3-S249 YTLDDLERT	334	2397
>FGFR3-S249 YTLDDLERS	171	>FGFR3-S249 YTLDDLERT	41	130
>FGFR3-S249 YTLDDLERS	109	>FGFR3-S249 YTLDDLERT	20	89
>FGFR3-S249 YTLDDLERS	1628	>FGFR3-S249 YTLDDLERT	190	1438
>FGFR3-S249 YTLDDLERSPI	458	>FGFR3-S249 YTLDDLERTPI	765	307
>FGFR3-S249 YTLDDLERS	302	>FGFR3-S249 YTLDDLERT	200	102
>FGFR3-S249 YTLDDLERSPI	46	>FGFR3-S249 YTLDDLERTPI	140	94
>FGFR3-S371 SVYAGILSYG\	14	>FGFR3-S371 CVYAGILSYG\	44	30
>FGFR3-S371 SVYAGILSYG\	33	>FGFR3-S371 CVYAGILSYG\	114	81
>FGFR3-S371 SVYAGILSYG\	9	>FGFR3-S371 CVYAGILSYG\	31	22
>FGFR3-S371 SVYAGILSYG\	6	>FGFR3-S371 CVYAGILSYG\	15	9
>FGFR3-S371 SVYAGILSYG\	3	>FGFR3-S371 CVYAGILSYG\	10	7
>FGFR3-S371 SVYAGILSYG\	13	>FGFR3-S371 CVYAGILSYG\	80	67
>FGFR3-S371 SVYAGILSYG\	6	>FGFR3-S371 CVYAGILSYG\	47	41
>FGFR3-S371 SVYAGILSYG\	87	>FGFR3-S371 CVYAGILSYG\	85	2
>FGFR3-S371 SVYAGILSYG\	4	>FGFR3-S371 CVYAGILSYG\	15	11
>FGFR3-S371 SVYAGILSY	40	>FGFR3-S371 CVYAGILSY	54	14
>FGFR3-S371 SVYAGILSY	12	>FGFR3-S371 CVYAGILSY	50	38
>FGFR3-S371 SVYAGILSY	145	>FGFR3-S371 CVYAGILSY	857	712
>FGFR3-S371 SVYAGILSY	32	>FGFR3-S371 CVYAGILSY	104	72
>FGFR3-S371 SVYAGILSY	15	>FGFR3-S371 CVYAGILSY	38	23
>FGFR3-S371 SVYAGILSY	240	>FGFR3-S371 CVYAGILSY	207	33
>FGFR3-S371 SVYAGILSY	7	>FGFR3-S371 CVYAGILSY	9	2
>FGFR3-S371 SVYAGILSY	37	>FGFR3-S371 CVYAGILSY	54	17
>FGFR3-S371 SVYAGILSY	334	>FGFR3-S371 CVYAGILSY	4451	4117
>FGFR3-S371 SVYAGILSYG\	427	>FGFR3-S371 CVYAGILSYG\	3691	3264
>FGFR3-S371 SVYAGILSYG\	8	>FGFR3-S371 CVYAGILSYG\	11	3
>FGFR3-S371 SVYAGILSYG\	6	>FGFR3-S371 CVYAGILSYG\	26	20
>FGFR3-S371 SVYAGILSY	5	>FGFR3-S371 CVYAGILSY	8	3
>FGFR3-S371 SVYAGILSY	37	>FGFR3-S371 CVYAGILSY	62	25
>FGFR3-S371 SVYAGILSY	31	>FGFR3-S371 CVYAGILSY	152	121
>FGFR3-S371 SVYAGILSY	244	>FGFR3-S371 CVYAGILSY	320	76
>FGFR3-S371 SVYAGILSY	8	>FGFR3-S371 CVYAGILSY	19	11
>FGFR3-S371 SVYAGILSY	116	>FGFR3-S371 CVYAGILSY	110	6
>FGFR3-S371 SVYAGILSY	1300	>FGFR3-S371 CVYAGILSY	407	893
>FGFR3-S371 SVYAGILSY	88	>FGFR3-S371 CVYAGILSY	1039	951
>FGFR3-S371 SVYAGILSY	2024	>FGFR3-S371 CVYAGILSY	418	1606
>FGFR3-S371 GSVYAGILSY	306	>FGFR3-S371 GCVYAGILSY	2338	2032
>FGFR3-S371 GSVYAGILSY	267	>FGFR3-S371 GCVYAGILSY	11276	11009
>FGFR3-S371 GSVYAGILSY	186	>FGFR3-S371 GCVYAGILSY	431	245
>FGFR3-S371 GSVYAGILSY	99	>FGFR3-S371 GCVYAGILSY	444	345

>FGFR3-S371GSVYAGILSY	85	>FGFR3-S371GCVYAGILSY	3091	3006
>FGFR3-S371GSVYAGILSY	242	>FGFR3-S371GCVYAGILSY	2025	1783
>FGFR3-S371GSVYAGIL	94	>FGFR3-S371GCVYAGIL	15369	15275
>FGFR3-S371GSVYAGILSY	5	>FGFR3-S371GCVYAGILSY	2538	2533
>FGFR3-S371GSVYAGILSY	34	>FGFR3-S371GCVYAGILSY	1512	1478
>FGFR3-S371AGSVYAGI	342	>FGFR3-S371AGCVYAGI	359	17
>FGFR3-S371AGSVYAGILS'	68	>FGFR3-S371AGCVYAGILS'	160	92
>FGFR3-S371AGSVYAGILS'	343	>FGFR3-S371AGCVYAGILS'	375	32
>FGFR3-S371AGSVYAGILS'	178	>FGFR3-S371AGCVYAGILS'	213	35
>FGFR3-S371EAGSVYAGI	22	>FGFR3-S371EAGCVYAGI	12	10
>FGFR3-S371EAGSVYAGI	27	>FGFR3-S371EAGCVYAGI	26	1
>FGFR3-S371EAGSVYAGIL	591	>FGFR3-S371EAGCVYAGIL	383	208
>FGFR3-S371DEAGSVYAGI	26	>FGFR3-S371DEAGCVYAGI	32	6
>FGFR3-S371DEAGSVYAGI	216	>FGFR3-S371DEAGCVYAGI	279	63
>FGFR3-S371DEAGSVYA	237	>FGFR3-S371DEAGCVYA	154	83
>FGFR3-S371DEAGSVYAG	109	>FGFR3-S371DEAGCVYAG	47	62
>FGFR3-S371DEAGSVYAGI	30	>FGFR3-S371DEAGCVYAGI	21	9
>FGFR3-S371DEAGSVYAGI	120	>FGFR3-S371DEAGCVYAGI	142	22
>FGFR3-S371DEAGSVYAGI	537	>FGFR3-S371DEAGCVYAGI	233	304
>FGFR3-S371DEAGSVYA	99	>FGFR3-S371DEAGCVYA	225	126
>FGFR3-S371DEAGSVYAGI	246	>FGFR3-S371DEAGCVYAGI	423	177
>FGFR3-S371ADEAGSVYAC	965	>FGFR3-S371ADEAGCVYAC	314	651
>FGFR3-S371ADEAGSVYAC	334	>FGFR3-S371ADEAGCVYAC	387	53
>FGFR3-S371ADEAGSVYAC	112	>FGFR3-S371ADEAGCVYAC	122	10
>FGFR3-S371EADEAGSVY	144	>FGFR3-S371EADEAGCVY	174	30
>FGFR3-S371EADEAGSVY/	1018	>FGFR3-S371EADEAGCVY/	463	555
>FGFR3-S371EADEAGSV	8	>FGFR3-S371EADEAGCV	26	18
>FGFR3-S371EADEAGSVY/	38	>FGFR3-S371EADEAGCVY/	52	14
>FGFR3-S371EADEAGSVY	27	>FGFR3-S371EADEAGCVY	45	18
>FGFR3-S371VEADEAGSV	77	>FGFR3-S371VEADEAGCV	57	20
>FGFR3-S371VEADEAGSV\	229	>FGFR3-S371VEADEAGCV\	274	45
>FGFR3-S371VEADEAGSV\	194	>FGFR3-S371VEADEAGCV\	126	68
>FGFR3-S371VEADEAGSV	107	>FGFR3-S371VEADEAGCV	196	89
>FGFR3-S371LVEADEAGSV	56	>FGFR3-S371LVEADEAGCV	242	186
>FGFR3-S371LVEADEAGSV	197	>FGFR3-S371LVEADEAGCV	660	463
>FGFR3-S371LVEADEAGSV	375	>FGFR3-S371LVEADEAGCV	327	48
>FGFR3-S371LVEADEAGSV	467	>FGFR3-S371LVEADEAGCV	1200	733
>FGFR3-S371LVEADEAGSV	93	>FGFR3-S371LVEADEAGCV	153	60
>FGFR3-S371LVEADEAGSV	83	>FGFR3-S371LVEADEAGCV	1139	1056
>FGFR3-S371ELVEADEAGS	290	>FGFR3-S371ELVEADEAGC	782	492
>FGFR3-S371ELVEADEAGS	185	>FGFR3-S371ELVEADEAGC	1547	1362
>FGFR3-S371ELVEADEAGS	383	>FGFR3-S371ELVEADEAGC	1501	1118
>FGFR3-S371ELVEADEAGS	21	>FGFR3-S371ELVEADEAGC	80	59

>FGFR3-S371ELVEADEAGS	86	>FGFR3-S371ELVEADEAGC	130	44
>FGFR3-S371ELVEADEAGS	55	>FGFR3-S371ELVEADEAGC	43	12
>FGFR3-S371ELVEADEAGS	64	>FGFR3-S371ELVEADEAGC	58	6
>FGFR3-S371ELVEADEAGS	7	>FGFR3-S371ELVEADEAGC	23	16
>FGFR3-S371ELVEADEAGS	74	>FGFR3-S371ELVEADEAGC	150	76
>FGFR3-S371ELVEADEAGS	28	>FGFR3-S371ELVEADEAGC	158	130
>FGFR3-T79S GTGLVPSERV	319	>FGFR3-T79S GSGLVPSERV	5804	5485
>FGFR3-T79S GTGLVPSER	490	>FGFR3-T79S GSGLVPSER	1444	954
>FGFR3-T79S GTGLVPSER	378	>FGFR3-T79S GSGLVPSER	748	370
>FGFR3-T79S GTGLVPSER	300	>FGFR3-T79S GSGLVPSER	1192	892
>FGFR3-T79S GTGLVPSERV	273	>FGFR3-T79S GSGLVPSERV	768	495
>FGFR3-T79S WVKDGTGL	117	>FGFR3-T79S WVKDGSGL	131	14
>FGFR3-T79S WVKDGTGLV	10	>FGFR3-T79S WVKDGSGLV	13	3
>FGFR3-T79S WVKDGTGLV	234	>FGFR3-T79S WVKDGSGLV	257	23
>FGFR3-T79S WVKDGTGL	147	>FGFR3-T79S WVKDGSGL	167	20
>FGFR3-T79S WVKDGTGLV	14	>FGFR3-T79S WVKDGSGLV	21	7
>FGFR3-T79S WVKDGTGLV	243	>FGFR3-T79S WVKDGSGLV	319	76
>FGFR3-T79S WVKDGTGLV	49	>FGFR3-T79S WVKDGSGLV	89	40
>FGFR3-T79S WVKDGTGLV	294	>FGFR3-T79S WVKDGSGLV	405	111
>FGFR3-T79S WVKDGTGLV	518	>FGFR3-T79S WVKDGSGLV	245	273
>FGFR3-T79S TVWVKDGTG	488	>FGFR3-T79S TVWVKDGS	573	85
>FGFR3-T79S TVWVKDGTG	239	>FGFR3-T79S TVWVKDGS	313	74
>FGFR3-T79S TVWVKDGTG	33	>FGFR3-T79S TVWVKDGS	37	4
>FGFR3-T79S TVWVKDGTG	196	>FGFR3-T79S TVWVKDGS	214	18
>FGFR3-V26(VLGS DVEF	3421	>FGFR3-V26(MLGS DVEF	419	3002
>FGFR3-V26(VLGS DVEFH	44	>FGFR3-V26(MLGS DVEFH	23	21
>FGFR3-V26(VLGS DVEFH	218	>FGFR3-V26(MLGS DVEFH	124	94
>FGFR3-V26(VLGS DVEFH	170	>FGFR3-V26(MLGS DVEFH	158	12
>FGFR3-V26(VLGS DVEFH	202	>FGFR3-V26(MLGS DVEFH	149	53
>FGFR3-V26(VLGS DVEFH	31	>FGFR3-V26(MLGS DVEFH	15	16
>FGFR3-V26(VLGS DVEFH	686	>FGFR3-V26(MLGS DVEFH	303	383
>FGFR3-V26(VLGS DVEFH	238	>FGFR3-V26(MLGS DVEFH	114	124
>FGFR3-V26(VLGS DVEFH	4380	>FGFR3-V26(MLGS DVEFH	208	4172
>FGFR3-V26(VLGS DVEF	180	>FGFR3-V26(MLGS DVEF	83	97
>FGFR3-V26(VLGS DVEF	204	>FGFR3-V26(MLGS DVEF	65	139
>FGFR3-V26(VLGS DVEF	4379	>FGFR3-V26(MLGS DVEF	390	3989
>FGFR3-V26(AVLGS DVEF	671	>FGFR3-V26(AMLGS DVEF	248	423
>FGFR3-V26(AVLGS DVEF	12595	>FGFR3-V26(AMLGS DVEF	349	12246
>FGFR3-V26(AVLGS DVEF	1451	>FGFR3-V26(AMLGS DVEF	14	1437
>FGFR3-V26(AVLGS DVEF	6112	>FGFR3-V26(AMLGS DVEF	68	6044
>FGFR3-V26(AVLGS DVEF	2509	>FGFR3-V26(AMLGS DVEF	34	2475
>FGFR3-V26(AVLGS DVEF	5975	>FGFR3-V26(AMLGS DVEF	323	5652
>FGFR3-V26(AVLGS DVEF	14545	>FGFR3-V26(AMLGS DVEF	458	14087

>FGFR3-V26(AVLGSDVEF	1665	>FGFR3-V26(AMLGSDVEFI	13	1652
>FGFR3-V26(AVLGSDVEF	427	>FGFR3-V26(AMLGSDVEF	135	292
>FGFR3-V26(AVLGSDVEF	482	>FGFR3-V26(AMLGSDVEF	10192	9710
>FGFR3-V26(AVLGSDVEF	489	>FGFR3-V26(AMLGSDVEFI	5981	5492
>FGFR3-V26(AVLGSDVEF	85	>FGFR3-V26(AMLGSDVEF	62	23
>FGFR3-V26(AVLGSDVEF	646	>FGFR3-V26(AMLGSDVEF	67	579
>FGFR3-V26(AVLGSDVEF	1191	>FGFR3-V26(AMLGSDVEF	98	1093
>FGFR3-V26(AVLGSDVEF	240	>FGFR3-V26(AMLGSDVEF	8	232
>FGFR3-V26(AVLGSDVEF	14	>FGFR3-V26(AMLGSDVEF	22	8
>FGFR3-V26(AVLGSDVEF	203	>FGFR3-V26(AMLGSDVEF	399	196
>FGFR3-V26(QAGLPANQT	12773	>FGFR3-V26(QAGLPANQT	339	12434
>FGFR3-V26(TAVLGSDV	411	>FGFR3-V26(TAMLGSDV	134	277
>FGFR3-V26(TAVLGSDVEF	1529	>FGFR3-V26(TAMLGSDVEI	497	1032
>FGFR3-V26(TAVLGSDVEF	855	>FGFR3-V26(TAMLGSDVEI	294	561
>FGFR3-V26(TAVLGSDVEF	19	>FGFR3-V26(TAMLGSDVEI	22	3
>FGFR3-V26(QTAVLGSDVI	718	>FGFR3-V26(QTAMLGSDV	460	258
>FGFR3-V26(QTAVLGSDVI	505	>FGFR3-V26(QTAMLGSDV	330	175
>FGFR3-V26(QTAVLGSDV	82	>FGFR3-V26(QTAMLGSDV	87	5
>FGFR3-V26(QTAVLGSDVI	633	>FGFR3-V26(QTAMLGSDV	331	302
>FGFR3-V26(QTAVLGSDVI	192	>FGFR3-V26(QTAMLGSDV	142	50
>FGFR3-V26(QTAVLGSDVI	7	>FGFR3-V26(QTAMLGSDV	7	0
>FGFR3-V26(QTAVLGSDVI	664	>FGFR3-V26(QTAMLGSDV	484	180
>FGFR3-V26(QTAVLGSDV	125	>FGFR3-V26(QTAMLGSDV	82	43
>FGFR3-V26(QTAVLGSDVI	98	>FGFR3-V26(QTAMLGSDV	74	24
>FGFR3-V26(LPANQTAV	3185	>FGFR3-V26(LPANQTAM	279	2906
>FGFR3-V26(LPANQTAV	30	>FGFR3-V26(LPANQTAM	14	16
>FGFR3-V26(LPANQTAVL	22	>FGFR3-V26(LPANQTAML	32	10
>FGFR3-V26(LPANQTAV	80	>FGFR3-V26(LPANQTAM	7	73
>FGFR3-V26(LPANQTAVL	22	>FGFR3-V26(LPANQTAML	45	23
>FGFR3-V26(LPANQTAVLC	393	>FGFR3-V26(LPANQTAML	669	276
>FGFR3-V26(LPANQTAVL	99	>FGFR3-V26(LPANQTAML	1079	980
>FGFR3-V26(LPANQTAV	264	>FGFR3-V26(LPANQTAM	1489	1225
>FGFR3-V26(LPANQTAV	594	>FGFR3-V26(LPANQTAM	99	495
>FGFR3-V26(LPANQTAVL	132	>FGFR3-V26(LPANQTAML	106	26
>FGFR3-V26(LPANQTAV	18	>FGFR3-V26(LPANQTAM	1099	1081
>FGFR3-V26(LPANQTAV	856	>FGFR3-V26(LPANQTAM	101	755
>FGFR3-V26(LPANQTAVL	68	>FGFR3-V26(LPANQTAML	214	146
>FGFR3-V26(LPANQTAVL	93	>FGFR3-V26(LPANQTAML	74	19
>FGFR3-V26(GLPANQTAV	191	>FGFR3-V26(GLPANQTAM	4734	4543
>FGFR3-V26(GLPANQTAV	19	>FGFR3-V26(GLPANQTAM	387	368
>FGFR3-V26(GLPANQTAVI	112	>FGFR3-V26(GLPANQTAM	81	31
>FGFR3-V26(GLPANQTAV	7	>FGFR3-V26(GLPANQTAM	552	545
>FGFR3-V26(GLPANQTAVI	253	>FGFR3-V26(GLPANQTAM	233	20

>FGFR3-V26( GLPANQTAV	193	>FGFR3-V26( GLPANQTAM	5761	5568
>FGFR3-V26( GLPANQTAV	6	>FGFR3-V26( GLPANQTAM	400	394
>FGFR3-V26( GLPANQTAVI	64	>FGFR3-V26( GLPANQTAM	30	34
>FGFR3-V26( GLPANQTAV	9	>FGFR3-V26( GLPANQTAM	434	425
>FGFR3-V26( GLPANQTAVI	24	>FGFR3-V26( GLPANQTAM	38	14
>FGFR3-V26( GLPANQTAV	11	>FGFR3-V26( GLPANQTAM	2406	2395
>FGFR3-V26( GLPANQTAVI	106	>FGFR3-V26( GLPANQTAM	50	56
>FGFR3-V26( GLPANQTAV	81	>FGFR3-V26( GLPANQTAM	10219	10138
>FGFR3-V26( GLPANQTAV	3	>FGFR3-V26( GLPANQTAM	133	130
>FGFR3-V26( GLPANQTAVI	11	>FGFR3-V26( GLPANQTAM	8	3
>FGFR3-V26( GLPANQTAVI	352	>FGFR3-V26( GLPANQTAM	185	167
>FGFR3-V63( VMKIADFGL	1624	>FGFR3-V63( MMKIADFGL	231	1393
>FGFR3-V63( VMKIADFGL	170	>FGFR3-V63( MMKIADFGL	19	151
>FGFR3-V63( VMKIADFGLA	1565	>FGFR3-V63( MMKIADFGL	366	1199
>FGFR3-V63( VMKIADFGL	473	>FGFR3-V63( MMKIADFGL	81	392
>FGFR3-V63( VMKIADFGLA	331	>FGFR3-V63( MMKIADFGL	84	247
>FGFR3-V63( VMKIADFGL	423	>FGFR3-V63( MMKIADFGL	103	320
>FGFR3-V63( VMKIADFGL	263	>FGFR3-V63( MMKIADFGL	138	125
>FGFR3-V63( VMKIADFGL	128	>FGFR3-V63( MMKIADFGL	64	64
>FGFR3-V63( VMKIADFGL	207	>FGFR3-V63( MMKIADFGL	192	15
>FGFR3-V63( VMKIADFGL	15	>FGFR3-V63( MMKIADFGL	9	6
>FGFR3-V63( VMKIADFGLA	511	>FGFR3-V63( MMKIADFGL	203	308
>FGFR3-V63( VMKIADFGLA	2786	>FGFR3-V63( MMKIADFGL	190	2596
>FGFR3-V63( VMKIADFGLA	3616	>FGFR3-V63( MMKIADFGL	321	3295
>FGFR3-V63( VMKIADFGLA	20	>FGFR3-V63( MMKIADFGL	10	10
>FGFR3-V63( VMKIADFGLA	365	>FGFR3-V63( MMKIADFGL	81	284
>FGFR3-V63( VMKIADFGLA	1180	>FGFR3-V63( MMKIADFGL	80	1100
>FGFR3-V63( VMKIADFGL	1067	>FGFR3-V63( MMKIADFGL	387	680
>FGFR3-V63( VMKIADFGLA	266	>FGFR3-V63( MMKIADFGL	91	175
>FGFR3-V63( NVMKIADFGI	435	>FGFR3-V63( NMMKIADFC	29	406
>FGFR3-V63( NVMKIADFGI	6252	>FGFR3-V63( NMMKIADFC	352	5900
>FGFR3-V63( NVMKIADFG	3568	>FGFR3-V63( NMMKIADFC	198	3370
>FGFR3-V63( NVMKIADFGI	127	>FGFR3-V63( NMMKIADFC	16	111
>FGFR3-V63( NVMKIADFGI	464	>FGFR3-V63( NMMKIADFC	25	439
>FGFR3-V63( NVMKIADFGI	1028	>FGFR3-V63( NMMKIADFC	141	887
>FGFR3-V63( NVMKIADFGI	468	>FGFR3-V63( NMMKIADFC	20	448
>FGFR3-V63( NVMKIADFGI	232	>FGFR3-V63( NMMKIADFC	131	101
>FGFR3-V63( NVMKIADFGI	221	>FGFR3-V63( NMMKIADFC	119	102
>FGFR3-V63( NVMKIADFGI	4812	>FGFR3-V63( NMMKIADFC	42	4770
>FGFR3-V63( NVMKIADFGI	1333	>FGFR3-V63( NMMKIADFC	8	1325
>FGFR3-V63( NVMKIADFGI	4961	>FGFR3-V63( NMMKIADFC	49	4912
>FGFR3-V63( NVMKIADFGI	226	>FGFR3-V63( NMMKIADFC	6	220
>FGFR3-V63( NVMKIADFGI	6656	>FGFR3-V63( NMMKIADFC	95	6561

>FGFR3-V63(NVMKIADF	283	>FGFR3-V63(NMMKIADF	5261	4978
>FGFR3-V63(NVMKIADFG	378	>FGFR3-V63(NMMKIADFC	3952	3574
>FGFR3-V63(NVMKIADFGI	16	>FGFR3-V63(NMMKIADFC	352	336
>FGFR3-V63(NVMKIADFGI	40	>FGFR3-V63(NMMKIADFC	156	116
>FGFR3-V63(NVMKIADFGI	345	>FGFR3-V63(NMMKIADFC	1472	1127
>FGFR3-V63(NVMKIADF	1793	>FGFR3-V63(NMMKIADF	161	1632
>FGFR3-V63(NVMKIADF	2183	>FGFR3-V63(NMMKIADF	202	1981
>FGFR3-V63(NVMKIADF	1775	>FGFR3-V63(NMMKIADF	41	1734
>FGFR3-V63(NVMKIADFGI	2853	>FGFR3-V63(NMMKIADFC	252	2601
>FGFR3-V63(ARNVLVTEDN	1305	>FGFR3-V63(ARNVLVTEDN	487	818
>FGFR3-V63(ARNVLVTEDN	847	>FGFR3-V63(ARNVLVTEDN	181	666
>FGFR3-V63(TEDNMMKI	128	>FGFR3-V63(TEDNMMKI	269	141
>FGFR3-V63(TEDNMMKI	213	>FGFR3-V63(TEDNMMKI	315	102
>FGFR3-V63(TEDNMMKIA	1664	>FGFR3-V63(TEDNMMKIA	464	1200
>FGFR3-V63(TEDNMMKIAI	466	>FGFR3-V63(TEDNMMKIA	520	54
>FGFR3-V63(VTEDNMMK	73	>FGFR3-V63(VTEDNMMK	37	36
>FGFR3-V63(VTEDNMMK	243	>FGFR3-V63(VTEDNMMK	240	3
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>FGFR3-V63(LVTEDNMMK	144	>FGFR3-V63(LVTEDNMMK	226	82
>FGFR3-V63(LVTEDNMMK	267	>FGFR3-V63(LVTEDNMMK	92	175
>FGFR3-V63(LVTEDNMMK	56	>FGFR3-V63(LVTEDNMMK	48	8
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>FGFR3-V63(LVTEDNMM	106	>FGFR3-V63(LVTEDNMM	272	166
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>FGFR3-V63(VLVTEDNM	40	>FGFR3-V63(VLVTEDNM	689	649
>FGFR3-V63(VLVTEDNM	223	>FGFR3-V63(VLVTEDNM	196	27
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>FGFR3-V63(VLVTEDNM	93	>FGFR3-V63(VLVTEDNM	102	9
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>FGFR3-V63(VLVTEDNM	20	>FGFR3-V63(VLVTEDNM	2520	2500
>FGFR3-V63(VLVTEDNM	101	>FGFR3-V63(VLVTEDNM	166	65
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>FGFR3-V63(VLVTEDNM	19	>FGFR3-V63(VLVTEDNM	3634	3615
>FGFR3-V63(VLVTEDNM	247	>FGFR3-V63(VLVTEDNM	430	183
>FGFR3-V63(VLVTEDNM	87	>FGFR3-V63(VLVTEDNM	7378	7291
>FGFR3-V63(VLVTEDNM	6	>FGFR3-V63(VLVTEDNM	1120	1114
>FGFR3-V63(VLVTEDNM	32	>FGFR3-V63(VLVTEDNM	39	7
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>FGFR3-V63(VLVTEDNM	342	>FGFR3-V63(VLVTEDNM	112	230
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>FGFR3-V63(NVLVTEDNM	84	>FGFR3-V63(NVLVTEDNM	80	4
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>FGFR3-Y241YTLVDLERS	171	>FGFR3-Y241CTLDVLEERS	8060	7889
>FGFR3-Y241YTLVDLERS	109	>FGFR3-Y241CTLDVLEERS	8067	7958
>FGFR3-Y241YTLVDLER	202	>FGFR3-Y241CTLDVLER	170	32
>FGFR3-Y241YTLVDLER	143	>FGFR3-Y241CTLDVLER	160	17
>FGFR3-Y241YTLVDLER	84	>FGFR3-Y241CTLDVLER	206	122
>FGFR3-Y241YTLVDLER	8	>FGFR3-Y241CTLDVLER	32	24
>FGFR3-Y241YTLVDLERSPI	458	>FGFR3-Y241CTLDVLEERSPI	8395	7937
>FGFR3-Y241YTLVDLERS	302	>FGFR3-Y241CTLDVLEERS	5699	5397
>FGFR3-Y241YTLVDLERSPI	46	>FGFR3-Y241CTLDVLEERSPI	1056	1010
>FGFR3-Y241TYTLVDLER	430	>FGFR3-Y241TCTLDVLER	8272	7842
>FGFR3-Y241TYTLVDLER	459	>FGFR3-Y241TCTLDVLER	2921	2462
>FGFR3-Y241TYTLVDLER	93	>FGFR3-Y241TCTLDVLER	1376	1283
>FGFR3-Y241QTYTLVDLER	90	>FGFR3-Y241QTCTLDVLER	251	161
>FGFR3-Y241QTYTLVDL	268	>FGFR3-Y241QTCTLDVL	253	15
>FGFR3-Y241QTYTLVDLER	181	>FGFR3-Y241QTCTLDVLER	278	97
>FGFR3-Y241QTYTLVDL	171	>FGFR3-Y241QTCTLDVL	1559	1388
>FGFR3-Y241QTYTLVDLER	6	>FGFR3-Y241QTCTLDVLER	27	21
>FGFR3-Y241QTYTLVDL	159	>FGFR3-Y241QTCTLDVL	974	815
>FGFR3-Y241QTYTLVDLER	384	>FGFR3-Y241QTCTLDVLER	2459	2075
>FGFR3-Y241QTYTLVDL	52	>FGFR3-Y241QTCTLDVL	603	551
>FGFR3-Y241QTYTLVDLER	219	>FGFR3-Y241QTCTLDVLER	621	402
>FGFR3-Y241QTYTLVDLER	93	>FGFR3-Y241QTCTLDVLER	203	110
>FGFR3-Y241QTYTLVDL	291	>FGFR3-Y241QTCTLDVL	1081	790
>FGFR3-Y241RQTYTLVD	518	>FGFR3-Y241RQTCTLDV	346	172
>FGFR3-Y241RQTYTLVD	43	>FGFR3-Y241RQTCTLDV	35	8
>FGFR3-Y241RQTYTLVDL	78	>FGFR3-Y241RQTCTLDVL	42	36
>FGFR3-Y241RQTYTLVD	1772	>FGFR3-Y241RQTCTLDV	360	1412
>FGFR3-Y241RQTYTLVDLE	68	>FGFR3-Y241RQTCTLDVLE	119	51
>FGFR3-Y241RQTYTLVD	85	>FGFR3-Y241RQTCTLDV	94	9
>FGFR3-Y241RQTYTLVDL	53	>FGFR3-Y241RQTCTLDVL	61	8
>FGFR3-Y241RQTYTLVDLE	352	>FGFR3-Y241RQTCTLDVLE	340	12
>FGFR3-Y241RQTYTLVDL	68	>FGFR3-Y241RQTCTLDVL	143	75
>FGFR3-Y241RQTYTLVDL	155	>FGFR3-Y241RQTCTLDVL	381	226
>FGFR3-Y241RQTYTLVD	331	>FGFR3-Y241RQTCTLDV	190	141
>FGFR3-Y241RQTYTLVDL	260	>FGFR3-Y241RQTCTLDVL	320	60
>FGFR3-Y241RQTYTLVDL	239	>FGFR3-Y241RQTCTLDVL	724	485
>FGFR3-Y241RQTYTLVDLE	420	>FGFR3-Y241RQTCTLDVLE	201	219
>FGFR3-Y241IRQTYTLVD	440	>FGFR3-Y241IRQTCTLDV	641	201
>FGFR3-Y241IRQTYTLVDL	363	>FGFR3-Y241IRQTCTLDVL	471	108
>FGFR3-Y241IRQTYTLVDL	90	>FGFR3-Y241IRQTCTLDVL	60	30
>FGFR3-Y241IRQTYTLVD	115	>FGFR3-Y241IRQTCTLDV	217	102
>FGFR3-Y241IRQTYTLVDL	117	>FGFR3-Y241IRQTCTLDVL	91	26
>FGFR3-Y241IRQTYTLVD	86	>FGFR3-Y241IRQTCTLDV	147	61



>FGFR3-Y241IRQTYTLDVL	50	>FGFR3-Y241IRQTCTLDVL	47	3
>FGFR3-Y241SIRQTYTLDV	113	>FGFR3-Y241SIRQTCTLDV	129	16
>FGFR3-Y241SIRQTYTL	146	>FGFR3-Y241SIRQTCTL	83	63
>FGFR3-Y241SIRQTYTLDV	20	>FGFR3-Y241SIRQTCTLDV	36	16
>FGFR3-Y241SIRQTYTL	81	>FGFR3-Y241SIRQTCTL	127	46
>FGFR3-Y241SIRQTYTLDV	100	>FGFR3-Y241SIRQTCTLDV	453	353
>FGFR3-Y241SIRQTYTL	99	>FGFR3-Y241SIRQTCTL	139	40
>FGFR3-Y241SIRQTYTLDVI	268	>FGFR3-Y241SIRQTCTLDVI	195	73
>FGFR3-Y241GSIRQTYTL	408	>FGFR3-Y241GSIRQTCTL	3609	3201
>FGFR3-Y241GSIRQTYTL	81	>FGFR3-Y241GSIRQTCTL	581	500
>FGFR3-Y241GSIRQTYTL	67	>FGFR3-Y241GSIRQTCTL	30	37
>FGFR3-Y241FGSIRQTY	172	>FGFR3-Y241FGSIRQTC	19724	19552
>FGFR3-Y241KFGSIRQTYTI	583	>FGFR3-Y241KFGSIRQTCTI	188	395
>FGFR3-Y241KFGSIRQTYTI	111	>FGFR3-Y241KFGSIRQTCTI	851	740
>FGFR3-Y241KFGSIRQTYTI	340	>FGFR3-Y241KFGSIRQTCTI	1035	695
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>FGFR3-Y241KFGSIRQTY	95	>FGFR3-Y241KFGSIRQTC	21738	21643
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>FGFR3-Y241KFGSIRQTYTI	76	>FGFR3-Y241KFGSIRQTCTI	281	205
>FGFR3-Y241KFGSIRQTY	179	>FGFR3-Y241KFGSIRQTC	25934	25755
>FGFR3-Y241KFGSIRQTY	2184	>FGFR3-Y241KFGSIRQTC	459	1725
>FGFR3-Y241KFGSIRQTYTI	265	>FGFR3-Y241KFGSIRQTCTI	456	191
>FGFR3-Y241NKFGSIRQTY	272	>FGFR3-Y241NKFGSIRQTC	31710	31438
>FGFR3-Y241NKFGSIRQTY	9	>FGFR3-Y241NKFGSIRQTC	2083	2074
>FGFR3-Y373YAGILSYGV	389	>FGFR3-Y373CAGILSYGV	5386	4997
>FGFR3-Y373YAGILSYGV	152	>FGFR3-Y373CAGILSYGV	2192	2040
>FGFR3-Y373YAGILSYGV	92	>FGFR3-Y373CAGILSYGV	3345	3253
>FGFR3-Y373YAGILSYGV	18	>FGFR3-Y373CAGILSYGV	2105	2087
>FGFR3-Y373YAGILSYGV	50	>FGFR3-Y373CAGILSYGV	2550	2500
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>FGFR3-Y373YAGILSYGV	105	>FGFR3-Y373CAGILSYGV	3062	2957
>FGFR3-Y373YAGILSYGV	51	>FGFR3-Y373CAGILSYGV	7712	7661
>FGFR3-Y373YAGILSYGV	72	>FGFR3-Y373CAGILSYGV	270	198
>FGFR3-Y373YAGILSYGV	29	>FGFR3-Y373CAGILSYGV	1197	1168
>FGFR3-Y373YAGILSYGVG	195	>FGFR3-Y373CAGILSYGVG	3521	3326
>FGFR3-Y373YAGILSYGVG	261	>FGFR3-Y373CAGILSYGVG	1879	1618
>FGFR3-Y373YAGILSYGVG	16	>FGFR3-Y373CAGILSYGVG	358	342
>FGFR3-Y373YAGILSYGVG	72	>FGFR3-Y373CAGILSYGVG	793	721
>FGFR3-Y373VYAGILSYGV	160	>FGFR3-Y373VCAGILSYGV	117	43
>FGFR3-Y373VYAGILSYGV	191	>FGFR3-Y373VCAGILSYGV	225	34
>FGFR3-Y373VYAGILSYGV	700	>FGFR3-Y373VCAGILSYGV	215	485
>FGFR3-Y373VYAGILSYGV	55	>FGFR3-Y373VCAGILSYGV	103	48
>FGFR3-Y373VYAGILSY	333	>FGFR3-Y373VCAGILSY	25522	25189

>FGFR3-Y373VYAGILSYGV	230	>FGFR3-Y373VCAGILSYGV	25252	25022
>FGFR3-Y373VYAGILSY	12	>FGFR3-Y373VCAGILSY	92	80
>FGFR3-Y373VYAGILSY	27	>FGFR3-Y373VCAGILSY	141	114
>FGFR3-Y373VYAGILSY	24	>FGFR3-Y373VCAGILSY	52	28
>FGFR3-Y373VYAGILSY	140	>FGFR3-Y373VCAGILSY	1094	954
>FGFR3-Y373LVEADEAGSV	197	>FGFR3-Y373LVEADEAGSV	29600	29403
>FGFR3-Y373LVEADEAGSV	375	>FGFR3-Y373LVEADEAGSV	17790	17415
>FGFR3-Y373LVEADEAGSV	467	>FGFR3-Y373LVEADEAGSV	27510	27043
>FGFR3-Y373LVEADEAGSV	93	>FGFR3-Y373LVEADEAGSV	16471	16378
>FGFR3-Y373LVEADEAGSV	83	>FGFR3-Y373LVEADEAGSV	9866	9783
>FGFR3-Y373SVYAGILSYG\	14	>FGFR3-Y373SVCAGILSYG\	95	81
>FGFR3-Y373SVYAGILSYG\	33	>FGFR3-Y373SVCAGILSYG\	158	125
>FGFR3-Y373SVYAGILSYG\	9	>FGFR3-Y373SVCAGILSYG\	92	83
>FGFR3-Y373SVYAGILSYG\	6	>FGFR3-Y373SVCAGILSYG\	15	9
>FGFR3-Y373SVYAGILSYG\	3	>FGFR3-Y373SVCAGILSYG\	13	10
>FGFR3-Y373SVYAGILSYG\	13	>FGFR3-Y373SVCAGILSYG\	526	513
>FGFR3-Y373SVYAGILSYG\	6	>FGFR3-Y373SVCAGILSYG\	46	40
>FGFR3-Y373SVYAGILSYG\	87	>FGFR3-Y373SVCAGILSYG\	736	649
>FGFR3-Y373SVYAGILSYG\	4	>FGFR3-Y373SVCAGILSYG\	11	7
>FGFR3-Y373SVYAGILSY	40	>FGFR3-Y373SVCAGILSY	427	387
>FGFR3-Y373SVYAGILSY	12	>FGFR3-Y373SVCAGILSY	34	22
>FGFR3-Y373SVYAGILSY	145	>FGFR3-Y373SVCAGILSY	226	81
>FGFR3-Y373SVYAGILSY	32	>FGFR3-Y373SVCAGILSY	437	405
>FGFR3-Y373SVYAGILSY	15	>FGFR3-Y373SVCAGILSY	20	5
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>FGFR3-Y373SVYAGILSY	7	>FGFR3-Y373SVCAGILSY	17	10
>FGFR3-Y373SVYAGILSY	37	>FGFR3-Y373SVCAGILSY	66	29
>FGFR3-Y373SVYAGILSY	334	>FGFR3-Y373SVCAGILSY	2735	2401
>FGFR3-Y373SVYAGILSYG\	427	>FGFR3-Y373SVCAGILSYG\	2691	2264
>FGFR3-Y373SVYAGILSYG\	8	>FGFR3-Y373SVCAGILSYG\	23	15
>FGFR3-Y373SVYAGILSYG\	6	>FGFR3-Y373SVCAGILSYG\	80	74
>FGFR3-Y373SVYAGILSY	5	>FGFR3-Y373SVCAGILSY	6	1
>FGFR3-Y373SVYAGILSY	37	>FGFR3-Y373SVCAGILSY	52	15
>FGFR3-Y373SVYAGILSY	31	>FGFR3-Y373SVCAGILSY	216	185
>FGFR3-Y373SVYAGILSY	244	>FGFR3-Y373SVCAGILSY	2361	2117
>FGFR3-Y373SVYAGILSY	8	>FGFR3-Y373SVCAGILSY	50	42
>FGFR3-Y373SVYAGILSY	116	>FGFR3-Y373SVCAGILSY	724	608
>FGFR3-Y373SVYAGILSY	88	>FGFR3-Y373SVCAGILSY	378	290
>FGFR3-Y373GSVYAGILSY	306	>FGFR3-Y373GSVCAGILSY	823	517
>FGFR3-Y373GSVYAGILSY	267	>FGFR3-Y373GSVCAGILSY	471	204
>FGFR3-Y373GSVYAGILSY	186	>FGFR3-Y373GSVCAGILSY	200	14
>FGFR3-Y373GSVYAGILSY	99	>FGFR3-Y373GSVCAGILSY	176	77
>FGFR3-Y373GSVYAGILSY	85	>FGFR3-Y373GSVCAGILSY	86	1

>FGFR3-Y373GSVYAGILSY	242	>FGFR3-Y373GSVCAGILSY	240	2
>FGFR3-Y373GSVYAGIL	94	>FGFR3-Y373GSVCAGIL	180	86
>FGFR3-Y373GSVYAGILSY	5	>FGFR3-Y373GSVCAGILSY	6	1
>FGFR3-Y373GSVYAGILSY	34	>FGFR3-Y373GSVCAGILSY	202	168
>FGFR3-Y373AGSVYAGI	342	>FGFR3-Y373AGSVCAGI	18572	18230
>FGFR3-Y373AGSVYAGILS'	68	>FGFR3-Y373AGSVCAGILS'	38	30
>FGFR3-Y373AGSVYAGILS'	343	>FGFR3-Y373AGSVCAGILS'	442	99
>FGFR3-Y373AGSVYAGILS'	178	>FGFR3-Y373AGSVCAGILS'	313	135
>FGFR3-Y373EAGSVYAGI	22	>FGFR3-Y373EAGSVCAGI	55	33
>FGFR3-Y373EAGSVYAGI	27	>FGFR3-Y373EAGSVCAGI	98	71
>FGFR3-Y373DEAGSVYAGI	26	>FGFR3-Y373DEAGSVCAGI	22	4
>FGFR3-Y373DEAGSVYAGI	216	>FGFR3-Y373DEAGSVCAGI	274	58
>FGFR3-Y373DEAGSVYA	237	>FGFR3-Y373DEAGSVCA	418	181
>FGFR3-Y373DEAGSVYAG	109	>FGFR3-Y373DEAGSVCAG	1737	1628
>FGFR3-Y373DEAGSVYAGI	30	>FGFR3-Y373DEAGSVCAGI	58	28
>FGFR3-Y373DEAGSVYAGI	120	>FGFR3-Y373DEAGSVCAGI	171	51
>FGFR3-Y373DEAGSVYA	99	>FGFR3-Y373DEAGSVCA	82	17
>FGFR3-Y373DEAGSVYAGI	246	>FGFR3-Y373DEAGSVCAGI	119	127
>FGFR3-Y373ADEAGSVYA	971	>FGFR3-Y373ADEAGSVCA	441	530
>FGFR3-Y373ADEAGSVYAC	334	>FGFR3-Y373ADEAGSVCA	369	35
>FGFR3-Y373ADEAGSVYAC	112	>FGFR3-Y373ADEAGSVCA	130	18
>FGFR3-Y373EADEAGSVY	144	>FGFR3-Y373EADEAGSVC	20266	20122
>FGFR3-Y373EADEAGSVYA	38	>FGFR3-Y373EADEAGSVC	594	556
>FGFR3-Y373EADEAGSVY	27	>FGFR3-Y373EADEAGSVC	6358	6331
>FGFR3-Y373VEADEAGSV	229	>FGFR3-Y373VEADEAGSV	18070	17841
>FGFR3-Y373VEADEAGSV	194	>FGFR3-Y373VEADEAGSV	91	103
>FGFR3-Y373YGVGFFLFILV	520	>FGFR3-Y373YGVGFFLFILV	332	188
>FGFR3-Y373YGVGFFLFI	349	>FGFR3-Y373YGVGFFLFI	2751	2402
>FGFR3-Y373YGVGFFLFILV	230	>FGFR3-Y373YGVGFFLFILV	1581	1351
>FGFR3-Y373YGVGFFLF	262	>FGFR3-Y373YGVGFFLF	5381	5119
>FGFR3-Y373YGVGFFLFI	22	>FGFR3-Y373YGVGFFLFI	771	749
>FGFR3-Y373YGVGFFLFIL	207	>FGFR3-Y373YGVGFFLFIL	2449	2242
>FGFR3-Y373YGVGFFLFILV	14	>FGFR3-Y373YGVGFFLFILV	409	395
>FGFR3-Y373YGVGFFLFILV	251	>FGFR3-Y373YGVGFFLFILV	8652	8401
>FGFR3-Y373YGVGFFLFILV	258	>FGFR3-Y373YGVGFFLFILV	10581	10323
>FGFR3-Y373YGVGFFLF	260	>FGFR3-Y373YGVGFFLF	489	229
>FGFR3-Y373YGVGFFLF	113	>FGFR3-Y373YGVGFFLF	1530	1417
>FGFR3-Y373YGVGFFLFILV	163	>FGFR3-Y373YGVGFFLFILV	522	359
>FGFR3-Y373YGVGFFLFILV	473	>FGFR3-Y373YGVGFFLFILV	7657	7184
>FGFR3-Y373YGVGFFLF	460	>FGFR3-Y373YGVGFFLF	2730	2270
>FGFR3-Y373YGVGFFLF	476	>FGFR3-Y373YGVGFFLF	6434	5958
>FGFR3-Y373YGVGFFLF	195	>FGFR3-Y373YGVGFFLF	1937	1742
>FGFR3-Y373YGVGFFLFI	194	>FGFR3-Y373YGVGFFLFI	732	538

>FGFR3-Y37 <sup>ϵ</sup> YGVGFFLFIL	185	>FGFR3-Y37 <sup>ϵ</sup> CGVGFFLFIL	714	529
>FGFR3-Y37 <sup>ϵ</sup> YGVGFFLFILV	371	>FGFR3-Y37 <sup>ϵ</sup> CGVGFFLFILV	1313	942
>FGFR3-Y37 <sup>ϵ</sup> YGVGFFLFI	929	>FGFR3-Y37 <sup>ϵ</sup> CGVGFFLFI	153	776
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFL	219	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFL	27514	27295
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFLFI	197	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFLFI	27060	26863
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFLF	14	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFLF	1088	1074
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFLFIL	178	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFLFIL	18721	18543
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFL	103	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFL	14952	14849
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFLF	11	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFLF	778	767
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFLFIL	92	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFLFIL	12354	12262
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFL	6	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFL	13516	13510
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFLF	5	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFLF	1594	1589
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFLFI	6	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFLFI	9601	9595
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFLFIL	9	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFLFIL	14536	14527
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFLF	50	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFLF	1300	1250
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFLF	1989	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFLF	283	1706
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFL	203	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFL	4699	4496
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFLF	133	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFLF	3104	2971
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFLFI	17	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFLFI	713	696
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFLFIL	117	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFLFIL	2483	2366
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFL	281	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFL	28864	28583
>FGFR3-Y37 <sup>ϵ</sup> SYGVGFFLFI	75	>FGFR3-Y37 <sup>ϵ</sup> SCGVGFFLFI	14252	14177
>FGFR3-Y37 <sup>ϵ</sup> AGSVYAGILS'	68	>FGFR3-Y37 <sup>ϵ</sup> AGSVYAGILS'	26518	26450
>FGFR3-Y37 <sup>ϵ</sup> AGSVYAGILS'	343	>FGFR3-Y37 <sup>ϵ</sup> AGSVYAGILS'	18744	18401
>FGFR3-Y37 <sup>ϵ</sup> AGSVYAGILS'	178	>FGFR3-Y37 <sup>ϵ</sup> AGSVYAGILS'	22205	22027
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFFLFI	110	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFFLFI	1320	1210
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFFL	389	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFFL	1015	626
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFFL	82	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFFL	430	348
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFFLFI	278	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFFLFI	1162	884
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFFL	60	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFFL	453	393
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFFLFI	76	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFFLFI	464	388
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFFL	54	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFFL	918	864
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFFLFI	144	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFFLFI	1697	1553
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFFL	253	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFFL	9788	9535
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFFLF	127	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFFLF	190	63
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFFLF	331	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFFLF	653	322
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFF	358	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFF	382	24
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFFLF	48	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFFLF	229	181
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFFLF	328	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFFLF	3979	3651
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFFLF	398	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFFLF	3025	2627
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFFL	303	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFFL	1457	1154
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFFLFI	264	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFFLFI	1282	1018
>FGFR3-Y37 <sup>ϵ</sup> LSYGVGFFLFI	462	>FGFR3-Y37 <sup>ϵ</sup> LSCGVGFFLFI	7143	6681

>FGFR3-Y37 $\epsilon$ LSYGVGFF	87	>FGFR3-Y37 $\epsilon$ LSCGVGFF	196	109
>FGFR3-Y37 $\epsilon$ LSYGVGFFLF	109	>FGFR3-Y37 $\epsilon$ LSCGVGFFLF	258	149
>FGFR3-Y37 $\epsilon$ LSYGVGFF	102	>FGFR3-Y37 $\epsilon$ LSCGVGFF	1444	1342
>FGFR3-Y37 $\epsilon$ LSYGVGFFLF	51	>FGFR3-Y37 $\epsilon$ LSCGVGFFLF	753	702
>FGFR3-Y37 $\epsilon$ LSYGVGFF	4	>FGFR3-Y37 $\epsilon$ LSCGVGFF	17	13
>FGFR3-Y37 $\epsilon$ LSYGVGFFL	12	>FGFR3-Y37 $\epsilon$ LSCGVGFFL	70	58
>FGFR3-Y37 $\epsilon$ LSYGVGFFLF	4	>FGFR3-Y37 $\epsilon$ LSCGVGFFLF	15	11
>FGFR3-Y37 $\epsilon$ LSYGVGFFLFI	45	>FGFR3-Y37 $\epsilon$ LSCGVGFFLFI	417	372
>FGFR3-Y37 $\epsilon$ LSYGVGFF	152	>FGFR3-Y37 $\epsilon$ LSCGVGFF	2295	2143
>FGFR3-Y37 $\epsilon$ LSYGVGFFL	199	>FGFR3-Y37 $\epsilon$ LSCGVGFFL	4289	4090
>FGFR3-Y37 $\epsilon$ LSYGVGFFLF	76	>FGFR3-Y37 $\epsilon$ LSCGVGFFLF	1144	1068
>FGFR3-Y37 $\epsilon$ LSYGVGFF	21	>FGFR3-Y37 $\epsilon$ LSCGVGFF	142	121
>FGFR3-Y37 $\epsilon$ LSYGVGFFL	31	>FGFR3-Y37 $\epsilon$ LSCGVGFFL	518	487
>FGFR3-Y37 $\epsilon$ LSYGVGFFLF	11	>FGFR3-Y37 $\epsilon$ LSCGVGFFLF	27	16
>FGFR3-Y37 $\epsilon$ LSYGVGFFLFI	24	>FGFR3-Y37 $\epsilon$ LSCGVGFFLFI	282	258
>FGFR3-Y37 $\epsilon$ LSYGVGFFL	18	>FGFR3-Y37 $\epsilon$ LSCGVGFFL	51	33
>FGFR3-Y37 $\epsilon$ LSYGVGFFLF	27	>FGFR3-Y37 $\epsilon$ LSCGVGFFLF	77	50
>FGFR3-Y37 $\epsilon$ LSYGVGFFLFI	43	>FGFR3-Y37 $\epsilon$ LSCGVGFFLFI	131	88
>FGFR3-Y37 $\epsilon$ LSYGVGFF	226	>FGFR3-Y37 $\epsilon$ LSCGVGFF	436	210
>FGFR3-Y37 $\epsilon$ LSYGVGFFL	41	>FGFR3-Y37 $\epsilon$ LSCGVGFFL	202	161
>FGFR3-Y37 $\epsilon$ LSYGVGFFLF	33	>FGFR3-Y37 $\epsilon$ LSCGVGFFLF	74	41
>FGFR3-Y37 $\epsilon$ LSYGVGFFLFI	77	>FGFR3-Y37 $\epsilon$ LSCGVGFFLFI	332	255
>FGFR3-Y37 $\epsilon$ LSYGVGFF	368	>FGFR3-Y37 $\epsilon$ LSCGVGFF	1959	1591
>FGFR3-Y37 $\epsilon$ LSYGVGFFL	31	>FGFR3-Y37 $\epsilon$ LSCGVGFFL	97	66
>FGFR3-Y37 $\epsilon$ LSYGVGFFLFI	8	>FGFR3-Y37 $\epsilon$ LSCGVGFFLFI	15	7
>FGFR3-Y37 $\epsilon$ ILSYGVGFFL	23	>FGFR3-Y37 $\epsilon$ ILSCGVGFFL	25	2
>FGFR3-Y37 $\epsilon$ ILSYGVGFFL	10	>FGFR3-Y37 $\epsilon$ ILSCGVGFFL	10	0
>FGFR3-Y37 $\epsilon$ ILSYGVGFFLF	239	>FGFR3-Y37 $\epsilon$ ILSCGVGFFLF	250	11
>FGFR3-Y37 $\epsilon$ ILSYGVGFF	901	>FGFR3-Y37 $\epsilon$ ILSCGVGFF	398	503
>FGFR3-Y37 $\epsilon$ ILSYGVGFFL	273	>FGFR3-Y37 $\epsilon$ ILSCGVGFFL	334	61
>FGFR3-Y37 $\epsilon$ ILSYGVGFFL	303	>FGFR3-Y37 $\epsilon$ ILSCGVGFFL	271	32
>FGFR3-Y37 $\epsilon$ ILSYGVGFFLF	705	>FGFR3-Y37 $\epsilon$ ILSCGVGFFLF	457	248
>FGFR3-Y37 $\epsilon$ ILSYGVGFFL	13	>FGFR3-Y37 $\epsilon$ ILSCGVGFFL	5	8
>FGFR3-Y37 $\epsilon$ ILSYGVGFFL	37	>FGFR3-Y37 $\epsilon$ ILSCGVGFFL	10	27
>FGFR3-Y37 $\epsilon$ ILSYGVGFFL	17	>FGFR3-Y37 $\epsilon$ ILSCGVGFFL	13	4
>FGFR3-Y37 $\epsilon$ ILSYGVGFFL	19	>FGFR3-Y37 $\epsilon$ ILSCGVGFFL	9	10
>FGFR3-Y37 $\epsilon$ ILSYGVGFFL	8	>FGFR3-Y37 $\epsilon$ ILSCGVGFFL	7	1
>FGFR3-Y37 $\epsilon$ ILSYGVGFFLF	753	>FGFR3-Y37 $\epsilon$ ILSCGVGFFLF	462	291
>FGFR3-Y37 $\epsilon$ ILSYGVGFFLF	395	>FGFR3-Y37 $\epsilon$ ILSCGVGFFLF	423	28
>FGFR3-Y37 $\epsilon$ ILSYGVGFFLF	76	>FGFR3-Y37 $\epsilon$ ILSCGVGFFLF	114	38
>FGFR3-Y37 $\epsilon$ ILSYGVGFF	404	>FGFR3-Y37 $\epsilon$ ILSCGVGFF	2777	2373
>FGFR3-Y37 $\epsilon$ ILSYGVGF	74	>FGFR3-Y37 $\epsilon$ ILSCGVGF	83	9
>FGFR3-Y37 $\epsilon$ ILSYGVGFF	81	>FGFR3-Y37 $\epsilon$ ILSCGVGFF	87	6

>FGFR3-Y379ILSYGVGFFLF	112	>FGFR3-Y379ILSCGVGFFLF	117	5
>FGFR3-Y379ILSYGVGF	254	>FGFR3-Y379ILSCGVGF	400	146
>FGFR3-Y379ILSYGVGFF	444	>FGFR3-Y379ILSCGVGFF	586	142
>FGFR3-Y379ILSYGVGF	37	>FGFR3-Y379ILSCGVGF	47	10
>FGFR3-Y379ILSYGVGFF	276	>FGFR3-Y379ILSCGVGFF	306	30
>FGFR3-Y379ILSYGVGFFLF	112	>FGFR3-Y379ILSCGVGFFLF	117	5
>FGFR3-Y379ILSYGVGFF	316	>FGFR3-Y379ILSCGVGFF	354	38
>FGFR3-Y379ILSYGVGFFLF	169	>FGFR3-Y379ILSCGVGFFLF	192	23
>FGFR3-Y379ILSYGVGFFL	752	>FGFR3-Y379ILSCGVGFFL	356	396
>FGFR3-Y379GILSYGVGFFL	41	>FGFR3-Y379GILSCGVGFFL	57	16
>FGFR3-Y379GILSYGVGFFI	49	>FGFR3-Y379GILSCGVGFFI	80	31
>FGFR3-Y379GILSYGVGFFI	21	>FGFR3-Y379GILSCGVGFFI	28	7
>FGFR3-Y379GILSYGVGFFI	10	>FGFR3-Y379GILSCGVGFFI	43	33
>FGFR3-Y379GILSYGVGFFI	50	>FGFR3-Y379GILSCGVGFFI	57	7
>FGFR3-Y379GILSYGVGFFI	22	>FGFR3-Y379GILSCGVGFFI	28	6
>FGFR3-Y379GILSYGVGFFI	286	>FGFR3-Y379GILSCGVGFFI	224	62
>FGFR3-Y379GILSYGVGFFI	85	>FGFR3-Y379GILSCGVGFFI	126	41
>FGFR3-Y379GILSYGVGF	118	>FGFR3-Y379GILSCGVGF	182	64
>FGFR3-Y379GILSYGVGF	742	>FGFR3-Y379GILSCGVGF	367	375
>FGFR3-Y379AGILSYGVGF	295	>FGFR3-Y379AGILSCGVGF	474	179
>FGFR3-Y379AGILSYGVGF	107	>FGFR3-Y379AGILSCGVGF	135	28
>FGFR3-Y379AGILSYGVGF	450	>FGFR3-Y379AGILSCGVGF	487	37
>FGFR3-Y379AGILSYGVGF	490	>FGFR3-Y379AGILSCGVGF	241	249
>FGFR3-Y379YAGILSYGV	389	>FGFR3-Y379YAGILSCGV	2541	2152
>FGFR3-Y379YAGILSYGV	152	>FGFR3-Y379YAGILSCGV	1072	920
>FGFR3-Y379YAGILSYGV	92	>FGFR3-Y379YAGILSCGV	189	97
>FGFR3-Y379YAGILSYGV	18	>FGFR3-Y379YAGILSCGV	22	4
>FGFR3-Y379YAGILSYGV	50	>FGFR3-Y379YAGILSCGV	333	283
>FGFR3-Y379YAGILSYGV	44	>FGFR3-Y379YAGILSCGV	31	13
>FGFR3-Y379YAGILSYGV	105	>FGFR3-Y379YAGILSCGV	339	234
>FGFR3-Y379YAGILSYGV	51	>FGFR3-Y379YAGILSCGV	15	36
>FGFR3-Y379YAGILSYGV	72	>FGFR3-Y379YAGILSCGV	770	698
>FGFR3-Y379YAGILSYGV	29	>FGFR3-Y379YAGILSCGV	45	16
>FGFR3-Y379YAGILSYGVG	195	>FGFR3-Y379YAGILSCGVG	173	22
>FGFR3-Y379YAGILSYGVG	261	>FGFR3-Y379YAGILSCGVG	277	16
>FGFR3-Y379YAGILSYGVG	16	>FGFR3-Y379YAGILSCGVG	19	3
>FGFR3-Y379YAGILSYGVG	72	>FGFR3-Y379YAGILSCGVG	96	24
>FGFR3-Y379VYAGILSYGV	761	>FGFR3-Y379VYAGILSCGV	346	415
>FGFR3-Y379VYAGILSYGV	160	>FGFR3-Y379VYAGILSCGV	353	193
>FGFR3-Y379VYAGILSYGV	191	>FGFR3-Y379VYAGILSCGV	171	20
>FGFR3-Y379VYAGILSYGV	55	>FGFR3-Y379VYAGILSCGV	37	18
>FGFR3-Y379VYAGILSY	333	>FGFR3-Y379VYAGILSC	1741	1408
>FGFR3-Y379VYAGILSYGV	230	>FGFR3-Y379VYAGILSCGV	1128	898

>FGFR3-Y37 $\epsilon$ VYAGILSY	12	>FGFR3-Y37 $\epsilon$ VYAGILSC	14600	14588
>FGFR3-Y37 $\epsilon$ VYAGILSY	27	>FGFR3-Y37 $\epsilon$ VYAGILSC	14972	14945
>FGFR3-Y37 $\epsilon$ VYAGILSY	24	>FGFR3-Y37 $\epsilon$ VYAGILSC	24803	24779
>FGFR3-Y37 $\epsilon$ VYAGILSY	140	>FGFR3-Y37 $\epsilon$ VYAGILSC	37006	36866
>FGFR3-Y37 $\epsilon$ SVYAGILSYG\	14	>FGFR3-Y37 $\epsilon$ SVYAGILSCG\	37	23
>FGFR3-Y37 $\epsilon$ SVYAGILSYG\	33	>FGFR3-Y37 $\epsilon$ SVYAGILSCG\	92	59
>FGFR3-Y37 $\epsilon$ SVYAGILSYG\	9	>FGFR3-Y37 $\epsilon$ SVYAGILSCG\	9	0
>FGFR3-Y37 $\epsilon$ SVYAGILSY	3021	>FGFR3-Y37 $\epsilon$ SVYAGILSC	433	2588
>FGFR3-Y37 $\epsilon$ SVYAGILSYG\	6	>FGFR3-Y37 $\epsilon$ SVYAGILSCG\	7	1
>FGFR3-Y37 $\epsilon$ SVYAGILSY	4394	>FGFR3-Y37 $\epsilon$ SVYAGILSC	142	4252
>FGFR3-Y37 $\epsilon$ SVYAGILSYG\	3	>FGFR3-Y37 $\epsilon$ SVYAGILSCG\	3	0
>FGFR3-Y37 $\epsilon$ SVYAGILSYG\	13	>FGFR3-Y37 $\epsilon$ SVYAGILSCG\	31	18
>FGFR3-Y37 $\epsilon$ SVYAGILSYG\	6	>FGFR3-Y37 $\epsilon$ SVYAGILSCG\	6	0
>FGFR3-Y37 $\epsilon$ SVYAGILSYG\	87	>FGFR3-Y37 $\epsilon$ SVYAGILSCG\	199	112
>FGFR3-Y37 $\epsilon$ SVYAGILSY	5760	>FGFR3-Y37 $\epsilon$ SVYAGILSC	225	5535
>FGFR3-Y37 $\epsilon$ SVYAGILSYG\	4	>FGFR3-Y37 $\epsilon$ SVYAGILSCG\	3	1
>FGFR3-Y37 $\epsilon$ SVYAGILSY	40	>FGFR3-Y37 $\epsilon$ SVYAGILSC	11982	11942
>FGFR3-Y37 $\epsilon$ SVYAGILSY	12	>FGFR3-Y37 $\epsilon$ SVYAGILSC	11476	11464
>FGFR3-Y37 $\epsilon$ SVYAGILSY	145	>FGFR3-Y37 $\epsilon$ SVYAGILSC	16656	16511
>FGFR3-Y37 $\epsilon$ SVYAGILSY	32	>FGFR3-Y37 $\epsilon$ SVYAGILSC	13406	13374
>FGFR3-Y37 $\epsilon$ SVYAGILSY	15	>FGFR3-Y37 $\epsilon$ SVYAGILSC	21121	21106
>FGFR3-Y37 $\epsilon$ SVYAGILSY	240	>FGFR3-Y37 $\epsilon$ SVYAGILSC	30417	30177
>FGFR3-Y37 $\epsilon$ SVYAGILSY	7	>FGFR3-Y37 $\epsilon$ SVYAGILSC	11973	11966
>FGFR3-Y37 $\epsilon$ SVYAGILSY	37	>FGFR3-Y37 $\epsilon$ SVYAGILSC	20775	20738
>FGFR3-Y37 $\epsilon$ SVYAGILSY	334	>FGFR3-Y37 $\epsilon$ SVYAGILSC	2110	1776
>FGFR3-Y37 $\epsilon$ SVYAGILSYG\	427	>FGFR3-Y37 $\epsilon$ SVYAGILSCG\	1606	1179
>FGFR3-Y37 $\epsilon$ SVYAGILSYG\	8	>FGFR3-Y37 $\epsilon$ SVYAGILSCG\	17	9
>FGFR3-Y37 $\epsilon$ SVYAGILSYG\	6	>FGFR3-Y37 $\epsilon$ SVYAGILSCG\	7	1
>FGFR3-Y37 $\epsilon$ SVYAGILSY	5	>FGFR3-Y37 $\epsilon$ SVYAGILSC	21014	21009
>FGFR3-Y37 $\epsilon$ SVYAGILSY	37	>FGFR3-Y37 $\epsilon$ SVYAGILSC	6506	6469
>FGFR3-Y37 $\epsilon$ SVYAGILSY	31	>FGFR3-Y37 $\epsilon$ SVYAGILSC	11671	11640
>FGFR3-Y37 $\epsilon$ SVYAGILSY	244	>FGFR3-Y37 $\epsilon$ SVYAGILSC	14207	13963
>FGFR3-Y37 $\epsilon$ SVYAGILSY	8	>FGFR3-Y37 $\epsilon$ SVYAGILSC	8340	8332
>FGFR3-Y37 $\epsilon$ SVYAGILSY	116	>FGFR3-Y37 $\epsilon$ SVYAGILSC	16904	16788
>FGFR3-Y37 $\epsilon$ SVYAGILSY	88	>FGFR3-Y37 $\epsilon$ SVYAGILSC	16341	16253
>FGFR3-Y37 $\epsilon$ GSVYAGILSY	306	>FGFR3-Y37 $\epsilon$ GSVYAGILSC	19022	18716
>FGFR3-Y37 $\epsilon$ GSVYAGILSY	267	>FGFR3-Y37 $\epsilon$ GSVYAGILSC	32139	31872
>FGFR3-Y37 $\epsilon$ GSVYAGILSY	186	>FGFR3-Y37 $\epsilon$ GSVYAGILSC	28499	28313
>FGFR3-Y37 $\epsilon$ GSVYAGILSY	99	>FGFR3-Y37 $\epsilon$ GSVYAGILSC	25301	25202
>FGFR3-Y37 $\epsilon$ GSVYAGILSY	85	>FGFR3-Y37 $\epsilon$ GSVYAGILSC	13755	13670
>FGFR3-Y37 $\epsilon$ GSVYAGILSY	242	>FGFR3-Y37 $\epsilon$ GSVYAGILSC	13944	13702
>FGFR3-Y37 $\epsilon$ GSVYAGILSY	5	>FGFR3-Y37 $\epsilon$ GSVYAGILSC	6766	6761
>FGFR3-Y37 $\epsilon$ GSVYAGILSY	34	>FGFR3-Y37 $\epsilon$ GSVYAGILSC	10381	10347

>FH-T442R-v TERINKLM	4	>FH-T442R-n RERINKLM	12	8
>FH-T442R-v TERINKLM	479	>FH-T442R-n RERINKLM	161	318
>FH-T442R-v TERINKLMNE	772	>FH-T442R-n RERINKLMNE	226	546
>FH-T442R-v NTERINKLM	56	>FH-T442R-n NRERINKLM	7518	7462
>FH-T442R-v NTERINKL	22483	>FH-T442R-n NRERINKL	288	22195
>FH-T442R-v NTERINKL	17498	>FH-T442R-n NRERINKL	393	17105
>FH-T442R-v ENCVVGIQAN	26131	>FH-T442R-n ENCVVGIQAN	40	26091
>FH-T442R-v ANTERINK	2898	>FH-T442R-n ANRERINK	11	2887
>FH-T442R-v QANTERINK	174	>FH-T442R-n QANRERINK	208	34
>FH-T442R-v QANTERINK	237	>FH-T442R-n QANRERINK	87	150
>FH-T442R-v QANTERINK	481	>FH-T442R-n QANRERINK	691	210
>FH-T442R-v IQANTERINKI	377	>FH-T442R-n IQANRERINKI	516	139
>FH-T442R-v IQANTERI	324	>FH-T442R-n IQANRERI	889	565
>FH-T442R-v IQANTERINKI	444	>FH-T442R-n IQANRERINKI	426	18
>FH-T442R-v IQANTERINK	657	>FH-T442R-n IQANRERINK	437	220
>FH-T442R-v IQANTERINK	248	>FH-T442R-n IQANRERINK	323	75
>FH-T442R-v IQANTERI	131	>FH-T442R-n IQANRERI	379	248
>FH-T442R-v IQANTERINK	319	>FH-T442R-n IQANRERINK	894	575
>FH-T442R-v IQANTERINKI	49	>FH-T442R-n IQANRERINKI	125	76
>FH-T442R-v GIQANTERIN	29	>FH-T442R-n GIQANRERIN	40	11
>FH-T442R-v GIQANTER	294	>FH-T442R-n GIQANRER	389	95
>FH-T442R-v VVGIQANT	22598	>FH-T442R-n VVGIQANR	270	22328
>FH-T442R-v CVVGIQANT	21018	>FH-T442R-n CVVGIQANR	82	20936
>FH-T442R-v CVVGIQANTE	305	>FH-T442R-n CVVGIQANRE	635	330
>FH-T442R-v CVVGIQANT	26714	>FH-T442R-n CVVGIQANR	239	26475
>FH-T442R-v CVVGIQANT	10748	>FH-T442R-n CVVGIQANR	9	10739
>FH-T442R-v CVVGIQANTE	12	>FH-T442R-n CVVGIQANRE	28	16
>FH-T442R-v CVVGIQANT	255	>FH-T442R-n CVVGIQANR	7714	7459
>FH-T442R-v CVVGIQANT	33503	>FH-T442R-n CVVGIQANR	161	33342
>FH-T442R-v CVVGIQANTE	486	>FH-T442R-n CVVGIQANRE	838	352
>FH-V416M-v VLHSARLL	2257	>FH-V416M-f MLHSARLL	398	1859
>FH-V416M-v VLHSARLL	210	>FH-V416M-f MLHSARLL	23	187
>FH-V416M-v VLHSARLL	182	>FH-V416M-f MLHSARLL	33	149
>FH-V416M-v VLHSARLLGD	121	>FH-V416M-f MLHSARLLGI	28	93
>FH-V416M-v VLHSARLL	126	>FH-V416M-f MLHSARLL	65	61
>FH-V416M-v VLHSARLL	16	>FH-V416M-f MLHSARLL	8	8
>FH-V416M-v VLHSARLLGD	91	>FH-V416M-f MLHSARLLGI	39	52
>FH-V416M-v VLHSARLL	3204	>FH-V416M-f MLHSARLL	267	2937
>FH-V416M-v VLHSARLLG	2201	>FH-V416M-f MLHSARLLG	136	2065
>FH-V416M-v VLHSARLLGD	2889	>FH-V416M-f MLHSARLLGI	348	2541
>FH-V416M-v NVLHSARL	5748	>FH-V416M-f NMLHSARL	314	5434
>FH-V416M-v NVLHSARL	2132	>FH-V416M-f NMLHSARL	152	1980
>FH-V416M-v NVLHSARL	3663	>FH-V416M-f NMLHSARL	216	3447



>FH-V416M- NVLHSARL	3907	>FH-V416M- NMLHSARL	41	3866
>FH-V416M- NVLHSARLL	11417	>FH-V416M- NMLHSARLL	287	11130
>FH-V416M- NVLHSARL	4578	>FH-V416M- NMLHSARL	27	4551
>FH-V416M- NVLHSARLL	10844	>FH-V416M- NMLHSARLL	312	10532
>FH-V416M- NVLHSARL	9760	>FH-V416M- NMLHSARL	333	9427
>FH-V416M- NVLHSARL	4974	>FH-V416M- NMLHSARL	74	4900
>FH-V416M- NVLHSARL	5430	>FH-V416M- NMLHSARL	80	5350
>FH-V416M- NVLHSARL	465	>FH-V416M- NMLHSARL	7632	7167
>FH-V416M- NVLHSARL	168	>FH-V416M- NMLHSARL	938	770
>FH-V416M- NVLHSARL	11295	>FH-V416M- NMLHSARL	460	10835
>FH-V416M- NVLHSARLL	9872	>FH-V416M- NMLHSARLL	391	9481
>FH-V416M- NVLHSARL	3572	>FH-V416M- NMLHSARL	323	3249
>FH-V416M- NVLHSARLL	4583	>FH-V416M- NMLHSARLL	399	4184
>FH-V416M- NVFKPMMIK	182	>FH-V416M- NVFKPMMIK	6852	6670
>FH-V416M- NVFKPMMIK	398	>FH-V416M- NVFKPMMIK	13884	13486
>FH-V416M- NVFKPMMIK	360	>FH-V416M- NVFKPMMIK	22603	22243
>FH-V416M- NVFKPMMIK	9217	>FH-V416M- NVFKPMMIK	309	8908
>FH-V416M- NVFKPMMIK	8866	>FH-V416M- NVFKPMMIK	448	8418
>FH-V416M- NVFKPMMIK	12	>FH-V416M- NVFKPMMIK	353	341
>FH-V416M- NVFKPMMIK	31	>FH-V416M- NVFKPMMIK	331	300
>FH-V416M- NVFKPMMIK	5323	>FH-V416M- NVFKPMMIK	364	4959
>FH-V416M- KNVLHSARL	188	>FH-V416M- KNMLHSARL	128	60
>FH-V416M- KNVLHSAR	120	>FH-V416M- KNMLHSAR	35	85
>FH-V416M- KNVLHSAR	159	>FH-V416M- KNMLHSAR	128	31
>FH-V416M- IKNVLHSA	525	>FH-V416M- IKNMLHSA	392	133
>FH-V416M- IKNVLHSAR	94	>FH-V416M- IKNMLHSAR	72	22
>FH-V416M- IKNVLHSARL	110	>FH-V416M- IKNMLHSARL	81	29
>FH-V416M- IKNVLHSARLI	61	>FH-V416M- IKNMLHSARL	44	17
>FH-V416M- MIKNVLHSA	134	>FH-V416M- MIKNMLHSA	228	94
>FH-V416M- MIKNVLHSAF	83	>FH-V416M- MIKNMLHSA	126	43
>FH-V416M- MIKNVLHSA	7	>FH-V416M- MIKNMLHSA	7	0
>FH-V416M- MIKNVLHSAF	19	>FH-V416M- MIKNMLHSA	20	1
>FH-V416M- MIKNVLHSA	97	>FH-V416M- MIKNMLHSA	172	75
>FH-V416M- MIKNVLHSA	72	>FH-V416M- MIKNMLHSA	30	42
>FH-V416M- MIKNVLHSAF	59	>FH-V416M- MIKNMLHSA	36	23
>FH-V416M- MIKNVLHS	442	>FH-V416M- MIKNMLHS	333	109
>FH-V416M- MIKNVLHSA	42	>FH-V416M- MIKNMLHSA	32	10
>FH-V416M- MIKNVLHSAF	158	>FH-V416M- MIKNMLHSA	122	36
>FH-V416M- MIKNVLHSAF	140	>FH-V416M- MIKNMLHSA	107	33
>FH-V416M- MIKNVLHSAF	13	>FH-V416M- MIKNMLHSA	9	4
>FH-V416M- MIKNVLHSAF	87	>FH-V416M- MIKNMLHSA	103	16
>FH-V416M- MIKNVLHSAF	31	>FH-V416M- MIKNMLHSA	41	10
>FH-V416M- MIKNVLHSA	272	>FH-V416M- MIKNMLHSA	1124	852

>FH-V416M- MIKNVLHSAF	415	>FH-V416M- MIKNMLHSA	1148	733
>FH-V416M- MIKNVLHSA	380	>FH-V416M- MIKNMLHSA	94	286
>FH-V416M- MIKNVLHSAF	84	>FH-V416M- MIKNMLHSA	36	48
>FH-V416M- MIKNVLHSAF	731	>FH-V416M- MIKNMLHSA	452	279
>FH-V416M- MMIKNVLHS	92	>FH-V416M- MMIKNMLHS	95	3
>FH-V416M- MMIKNVLHS	66	>FH-V416M- MMIKNMLHS	64	2
>FH-V416M- MMIKNVLHS	393	>FH-V416M- MMIKNMLHS	611	218
>FH-V416M- MMIKNVLHS	15	>FH-V416M- MMIKNMLHS	16	1
>FH-V416M- MMIKNVLHS	89	>FH-V416M- MMIKNMLHS	89	0
>FH-V416M- MMIKNVLHS	454	>FH-V416M- MMIKNMLHS	1923	1469
>FH-V416M- MMIKNVLHS	5	>FH-V416M- MMIKNMLHS	12	7
>FH-V416M- MMIKNVLHS	7	>FH-V416M- MMIKNMLHS	10	3
>FH-V416M- MMIKNVLHS	43	>FH-V416M- MMIKNMLHS	103	60
>FH-V416M- MMIKNVLHS	149	>FH-V416M- MMIKNMLHS	504	355
>FH-V416M- MMIKNVLHS	4	>FH-V416M- MMIKNMLHS	5	1
>FH-V416M- MMIKNVLH	887	>FH-V416M- MMIKNMLH	376	511
>FH-V416M- MMIKNVLHS	387	>FH-V416M- MMIKNMLHS	323	64
>FH-V416M- MMIKNVLHS	328	>FH-V416M- MMIKNMLHS	209	119
>FH-V416M- MMIKNVLH	370	>FH-V416M- MMIKNMLH	153	217
>FH-V416M- MMIKNVLHS	10	>FH-V416M- MMIKNMLHS	9	1
>FH-V416M- MMIKNVLHS	94	>FH-V416M- MMIKNMLHS	68	26
>FH-V416M- MMIKNVLHS	10	>FH-V416M- MMIKNMLHS	10	0
>FH-V416M- MMIKNVLHS	301	>FH-V416M- MMIKNMLHS	880	579
>FH-V416M- MMIKNVLHS	170	>FH-V416M- MMIKNMLHS	217	47
>FH-V416M- MMIKNVLH	392	>FH-V416M- MMIKNMLH	528	136
>FH-V416M- MMIKNVLHS	223	>FH-V416M- MMIKNMLHS	333	110
>FH-V416M- MMIKNVLHS	55	>FH-V416M- MMIKNMLHS	77	22
>FH-V416M- MMIKNVLHS	72	>FH-V416M- MMIKNMLHS	65	7
>FH-V416M- PMMIKNVL	550	>FH-V416M- PMMIKNML	298	252
>FH-V416M- PMMIKNVLH	395	>FH-V416M- PMMIKNMLH	523	128
>FH-V416M- PMMIKNVLH	307	>FH-V416M- PMMIKNMLH	242	65
>FH-V416M- PMMIKNVLH	212	>FH-V416M- PMMIKNMLH	420	208
>FH-V416M- PMMIKNVLH	232	>FH-V416M- PMMIKNMLH	230	2
>FH-V416M- PMMIKNVL	537	>FH-V416M- PMMIKNML	427	110
>FH-V416M- PMMIKNVLH	138	>FH-V416M- PMMIKNMLH	114	24
>FH-V416M- KPMMIKNV	83	>FH-V416M- KPMMIKNM	20	63
>FH-V416M- KPMMIKNVL	8	>FH-V416M- KPMMIKNMI	11	3
>FH-V416M- KPMMIKNVL	177	>FH-V416M- KPMMIKNMI	570	393
>FH-V416M- KPMMIKNVL	136	>FH-V416M- KPMMIKNMI	1629	1493
>FH-V416M- FKPMMIKNV	391	>FH-V416M- FKPMMIKNV	1017	626
>FH-V416M- FKPMMIKNV	531	>FH-V416M- FKPMMIKNV	115	416
>FH-V416M- FKPMMIKNV	266	>FH-V416M- FKPMMIKNV	461	195
>FH-V416M- FKPMMIKNV	761	>FH-V416M- FKPMMIKNV	446	315

>FH-V416M-VFKPMMIKN	699	>FH-V416M-VFKPMMIKN	388	311
>FIP1L1-V6I-VERLVSEL	102	>FIP1L1-V6I-IERLVSEL	67	35
>FIP1L1-V6I-VERLVSEL	637	>FIP1L1-V6I-IERLVSEL	254	383
>FIP1L1-V6I-VERLVSEL	77	>FIP1L1-V6I-IERLVSEL	87	10
>FIP1L1-V6I-VERLVSEL	449	>FIP1L1-V6I-IERLVSEL	436	13
>FIP1L1-V6I-VERLVSELS	880	>FIP1L1-V6I-IERLVSELS	386	494
>FIP1L1-V6I-EVERLVSEL	425	>FIP1L1-V6I-EIERLVSEL	1757	1332
>FIP1L1-V6I-EVERLVSEL	247	>FIP1L1-V6I-EIERLVSEL	1237	990
>FIP1L1-V6I-GEVERLVSEL	195	>FIP1L1-V6I-GEIERLVSEL	218	23
>FIP1L1-V6I-GEVERLVSEL	327	>FIP1L1-V6I-GEIERLVSEL	184	143
>FIP1L1-V6I-GEVERLVSEL	231	>FIP1L1-V6I-GEIERLVSEL	190	41
>FIP1L1-V6I-GEVERLVSEL	967	>FIP1L1-V6I-GEIERLVSEL	423	544
>FIP1L1-V6I-GEVERLVSE	166	>FIP1L1-V6I-GEIERLVSE	86	80
>FIP1L1-V6I-GEVERLVSEL	239	>FIP1L1-V6I-GEIERLVSEL	46	193
>FIP1L1-V6I-GEVERLVSEL	119	>FIP1L1-V6I-GEIERLVSELS	55	64
>FIP1L1-V6I-SAGEVERLV	207	>FIP1L1-V6I-SAGEIERLV	640	433
>FIP1L1-V6I-MSAGEVERL	36	>FIP1L1-V6I-MSAGEIERL	34	2
>FIP1L1-V6I-MSAGEVERL	420	>FIP1L1-V6I-MSAGEIERL	489	69
>FIP1L1-V6I-MSAGEVER	215	>FIP1L1-V6I-MSAGEIER	246	31
>FIP1L1-V6I-MSAGEVER	5	>FIP1L1-V6I-MSAGEIER	5	0
>FIP1L1-V6I-MSAGEVERL	28	>FIP1L1-V6I-MSAGEIERL	24	4
>FIP1L1-V6I-MSAGEVERL	216	>FIP1L1-V6I-MSAGEIERLV	166	50
>FIP1L1-V6I-MSAGEVERL	17	>FIP1L1-V6I-MSAGEIERL	22	5
>FIP1L1-V6I-MSAGEVERL	84	>FIP1L1-V6I-MSAGEIERL	220	136
>FIP1L1-V6I-MSAGEVERL	935	>FIP1L1-V6I-MSAGEIERL	437	498
>FIP1L1-W1€WRKPGADLS	1160	>FIP1L1-W1€RRKPGADLSE	276	884
>FIP1L1-W1€WRKPGADL	577	>FIP1L1-W1€RRKPGADL	230	347
>FIP1L1-W1€WRKPGADLS	151	>FIP1L1-W1€RRKPGADLSE	55	96
>FIP1L1-W1€WRKPGADL	2883	>FIP1L1-W1€RRKPGADL	489	2394
>FIP1L1-W1€WRKPGADLS	359	>FIP1L1-W1€RRKPGADLSE	553	194
>FIP1L1-W1€WRKPGADL	1305	>FIP1L1-W1€RRKPGADL	57	1248
>FIP1L1-W1€WRKPGADLS	9651	>FIP1L1-W1€RRKPGADLS	219	9432
>FIP1L1-W1€WRKPGADLS	1198	>FIP1L1-W1€RRKPGADLSE	176	1022
>FIP1L1-W1€WRKPGADLS	4840	>FIP1L1-W1€RRKPGADLSE	151	4689
>FIP1L1-W1€WRKPGADLS	1204	>FIP1L1-W1€RRKPGADLSE	498	706
>FIP1L1-W1€KPWRKPGA	621	>FIP1L1-W1€KPRRKPGA	40	581
>FIP1L1-W1€KPWRKPGAD	96	>FIP1L1-W1€KPRRKPGADL	23	73
>FIP1L1-W1€KPWRKPGA	193	>FIP1L1-W1€KPRRKPGA	1828	1635
>FIP1L1-W1€SFEDKPWR	145	>FIP1L1-W1€SFEDKPRR	285	140
>FIP1L1-W1€SFEDKPWR	85	>FIP1L1-W1€SFEDKPRR	259	174
>FIP1L1-W1€DSFEDKPW	21289	>FIP1L1-W1€DSFEDKPR	51	21238
>FIP1L1-W1€DSFEDKPWR	71	>FIP1L1-W1€DSFEDKPRR	143	72
>FIP1L1-W1€DSFEDKPW	16218	>FIP1L1-W1€DSFEDKPR	23	16195

>FIP1L1-W1ϵDSFEDKPWR	11	>FIP1L1-W1ϵDSFEDKPRR	21	10
>FIP1L1-W1ϵDSFEDKPWR	283	>FIP1L1-W1ϵDSFEDKPRRK	3517	3234
>FIP1L1-W1ϵDSFEDKPW	93	>FIP1L1-W1ϵDSFEDKPR	22164	22071
>FIP1L1-W1ϵDSFEDKPW	100	>FIP1L1-W1ϵDSFEDKPR	24187	24087
>FIP1L1-W1ϵDSFEDKPWR	425	>FIP1L1-W1ϵDSFEDKPRR	882	457
>FIP1L1-W1ϵDSFEDKPWR	216	>FIP1L1-W1ϵDSFEDKPRRK	388	172
>FIP1L1-W1ϵDLDSFEDKPV	28439	>FIP1L1-W1ϵDLDSFEDKPR	386	28053
>FIP1L1-W1ϵDLDSFEDKPV	287	>FIP1L1-W1ϵDLDSFEDKPR	572	285
>FLI1-G94E-vGGGESNPM	22743	>FLI1-G94E-rGEGESNPM	273	22470
>FLI1-G94E-vGGGESNPM	37628	>FLI1-G94E-rGEGESNPM	148	37480
>FLI1-G94E-vGGGESNPM	25764	>FLI1-G94E-rGEGESNPM	115	25649
>FLI1-G94E-vVGGGESNPM	462	>FLI1-G94E-rVGGGESNPM	3320	2858
>FLI1-G94E-vLVGGGESNPM	387	>FLI1-G94E-rLVGGGESNPM	372	15
>FLI1-G94E-vKLVGGGESNPM	85	>FLI1-G94E-rKLVGGGESNPM	44	41
>FLI1-G94E-vKLVGGGESNPM	246	>FLI1-G94E-rKLVGGGESNPM	444	198
>FLI1-G94E-vKLVGGGESNPM	129	>FLI1-G94E-rKLVGGGESNPM	299	170
>FLI1-G94E-vKLVGGGESNPM	132	>FLI1-G94E-rKLVGGGESNPM	248	116
>FLI1-G94E-vKLVGGGESNPM	241	>FLI1-G94E-rKLVGGGESNPM	299	58
>FLI1-G94E-vKLVGGGESNPM	125	>FLI1-G94E-rKLVGGGESNPM	317	192
>FLI1-G94E-vKLVGGGESNPM	404	>FLI1-G94E-rKLVGGGESNPM	475	71
>FLI1-G94E-vKLVGGGESNPM	102	>FLI1-G94E-rKLVGGGESNPM	165	63
>FLI1-V410I-VTSSFFGA	525	>FLI1-V410I-IITSSFFGA	226	299
>FLI1-V410I-VTSSFFGA	467	>FLI1-V410I-IITSSFFGA	337	130
>FLI1-V410I-VTSSFFGAA	395	>FLI1-V410I-IITSSFFGAA	153	242
>FLI1-V410I-VTSSFFGA	26	>FLI1-V410I-IITSSFFGA	22	4
>FLI1-V410I-VTSSFFGAA	572	>FLI1-V410I-IITSSFFGAA	237	335
>FLI1-V410I-VTSSFFGA	78	>FLI1-V410I-IITSSFFGA	45	33
>FLI1-V410I-VTSSFFGAA	53	>FLI1-V410I-IITSSFFGAA	41	12
>FLI1-V410I-VTSSFFGA	371	>FLI1-V410I-IITSSFFGA	382	11
>FLI1-V410I-PVTSSSFF	382	>FLI1-V410I-IITSSSFF	1723	1341
>FLI1-V410I-FVPPHPSSMF	40	>FLI1-V410I-IIVPAPPSSMF	165	125
>FLI1-V410I-FVPPHPSSMF	18	>FLI1-V410I-IIVPAPPSSMF	86	68
>FLI1-V410I-FVPPHPSSMF	3	>FLI1-V410I-IIVPAPPSSMF	8	5
>FLI1-V410I-FVPPHPSSMF	8	>FLI1-V410I-IIVPAPPSSMF	15	7
>FLI1-V410I-FVPPHPSSMF	11	>FLI1-V410I-IIVPAPPSSMF	129	118
>FLI1-V410I-FVPPHPSSMF	76	>FLI1-V410I-IIVPAPPSSMF	774	698
>FLI1-V410I-FVPPHPSSMF	82	>FLI1-V410I-IIVPAPPSSMF	1508	1426
>FLI1-V410I-FVPPHPSSMF	467	>FLI1-V410I-IIVPAPPSSMF	6052	5585
>FLI1-V410I-FVPPHPSSMF	4	>FLI1-V410I-IIVPAPPSSMF	130	126
>FLI1-V410I-FVPPHPSSMF	7	>FLI1-V410I-IIVPAPPSSMF	11	4
>FLI1-V410I-FVPPHPSSMF	36	>FLI1-V410I-IIVPAPPSSMF	208	172
>FLI1-V410I-FVPPHPSSMF	179	>FLI1-V410I-IIVPAPPSSMF	89	90
>FLI1-V410I-FVPPHPSSMF	11000	>FLI1-V410I-IIVPAPPSSMF	238	10762

>FLI1-V410I-1 MPVTSSSF	22	>FLI1-V410I-1 MPITSSSF	9	13
>FLI1-V410I-1 MPVTSSSFF	6	>FLI1-V410I-1 MPITSSSFF	4	2
>FLI1-V410I-1 MPVTSSSFFG	1354	>FLI1-V410I-1 MPITSSSFFG	380	974
>FLI1-V410I-1 MPVTSSSFFG	595	>FLI1-V410I-1 MPITSSSFFG	310	285
>FLI1-V410I-1 MPVTSSSF	19	>FLI1-V410I-1 MPITSSSF	17	2
>FLI1-V410I-1 MPVTSSSFF	66	>FLI1-V410I-1 MPITSSSFF	62	4
>FLI1-V410I-1 MPVTSSSF	12	>FLI1-V410I-1 MPITSSSF	9	3
>FLI1-V410I-1 MPVTSSSFF	16	>FLI1-V410I-1 MPITSSSFF	11	5
>FLI1-V410I-1 MPVTSSSF	8	>FLI1-V410I-1 MPITSSSF	8	0
>FLI1-V410I-1 MPVTSSSFF	9	>FLI1-V410I-1 MPITSSSFF	10	1
>FLI1-V410I-1 MPVTSSSFFG	58	>FLI1-V410I-1 MPITSSSFFG	77	19
>FLI1-V410I-1 MPVTSSSF	561	>FLI1-V410I-1 MPITSSSF	369	192
>FLI1-V410I-1 MPVTSSSF	14	>FLI1-V410I-1 MPITSSSF	13	1
>FLI1-V410I-1 MPVTSSSFF	18	>FLI1-V410I-1 MPITSSSFF	17	1
>FLI1-V410I-1 MPVTSSSFFG	7	>FLI1-V410I-1 MPITSSSFFG	6	1
>FLI1-V410I-1 MPVTSSSFF	38	>FLI1-V410I-1 MPITSSSFF	62	24
>FLI1-V410I-1 MPVTSSSF	13	>FLI1-V410I-1 MPITSSSF	12	1
>FLI1-V410I-1 MPVTSSSFF	22	>FLI1-V410I-1 MPITSSSFF	26	4
>FLI1-V410I-1 MPVTSSSF	36	>FLI1-V410I-1 MPITSSSF	27	9
>FLI1-V410I-1 MPVTSSSFF	63	>FLI1-V410I-1 MPITSSSFF	45	18
>FLI1-V410I-1 MPVTSSSF	407	>FLI1-V410I-1 MPITSSSF	831	424
>FLI1-V410I-1 MPVTSSSFF	116	>FLI1-V410I-1 MPITSSSFF	221	105
>FLI1-V410I-1 SMPVTSSSFF	236	>FLI1-V410I-1 SMPITSSSFF	112	124
>FLI1-V410I-1 SMPVTSSSFF	112	>FLI1-V410I-1 SMPITSSSFF	100	12
>FLI1-V410I-1 SMPVTSSSF	241	>FLI1-V410I-1 SMPITSSSF	223	18
>FLI1-V410I-1 SMPVTSSSFF	204	>FLI1-V410I-1 SMPITSSSFF	192	12
>FLI1-V410I-1 SMPVTSSSFF	212	>FLI1-V410I-1 SMPITSSSFF	222	10
>FLI1-V410I-1 SMPVTSSSF	471	>FLI1-V410I-1 SMPITSSSF	512	41
>FLI1-V410I-1 SMPVTSSSF	32	>FLI1-V410I-1 SMPITSSSF	34	2
>FLI1-V410I-1 SMPVTSSSFF	54	>FLI1-V410I-1 SMPITSSSFF	61	7
>FLI1-V410I-1 SMPVTSSSF	32	>FLI1-V410I-1 SMPITSSSF	48	16
>FLI1-V410I-1 SMPVTSSSFF	72	>FLI1-V410I-1 SMPITSSSFF	104	32
>FLI1-V410I-1 SMPVTSSSF	7	>FLI1-V410I-1 SMPITSSSF	9	2
>FLI1-V410I-1 SMPVTSSSFF	12	>FLI1-V410I-1 SMPITSSSFF	17	5
>FLI1-V410I-1 SMPVTSSSF	317	>FLI1-V410I-1 SMPITSSSF	144	173
>FLI1-V410I-1 SMPVTSSSFF	51	>FLI1-V410I-1 SMPITSSSFF	29	22
>FLI1-V410I-1 SMPVTSSSFF	110	>FLI1-V410I-1 SMPITSSSFF	77	33
>FLI1-V410I-1 SSMPVTSSSF	361	>FLI1-V410I-1 SSMPITSSSF	457	96
>FLI1-V410I-1 SSMPVTSSSF	318	>FLI1-V410I-1 SSMPITSSSFF	398	80
>FLI1-V410I-1 SSMPVTSSSF	100	>FLI1-V410I-1 SSMPITSSSFF	88	12
>FLI1-V410I-1 SSMPVTSSSF	46	>FLI1-V410I-1 SSMPITSSSF	32	14
>FLI1-V410I-1 SSMPVTSSSF	564	>FLI1-V410I-1 SSMPITSSSFF	374	190
>FLI1-V410I-1 SSMPVTSSS	313	>FLI1-V410I-1 SSMPITSSS	180	133

>FLI1-V410I-I SSMPVTSSSF	28	>FLI1-V410I-I SSMPITSSSF	32	4
>FLI1-V410I-I SSMPVTSSSF	47	>FLI1-V410I-I SSMPITSSSFF	55	8
>FLI1-V410I-I SSMPVTSSSF	7	>FLI1-V410I-I SSMPITSSSF	8	1
>FLI1-V410I-I SSMPVTSSSF	10	>FLI1-V410I-I SSMPITSSSFF	12	2
>FLI1-V410I-I SSMPVTSSSF	3	>FLI1-V410I-I SSMPITSSSF	3	0
>FLI1-V410I-I SSMPVTSSSF	3	>FLI1-V410I-I SSMPITSSSFF	3	0
>FLI1-V410I-I SSMPVTSSSF	250	>FLI1-V410I-I SSMPITSSSF	307	57
>FLI1-V410I-I SSMPVTSSSF	180	>FLI1-V410I-I SSMPITSSSFF	208	28
>FLI1-V410I-I SSMPVTSSSF	18	>FLI1-V410I-I SSMPITSSSF	31	13
>FLI1-V410I-I SSMPVTSSSF	21	>FLI1-V410I-I SSMPITSSSFF	33	12
>FLI1-V410I-I SSMPVTSSSF	211	>FLI1-V410I-I SSMPITSSSFF	200	11
>FLI1-V410I-I SSMPVTSSS	164	>FLI1-V410I-I SSMPITSSS	142	22
>FLI1-V410I-I SSMPVTSSSF	22	>FLI1-V410I-I SSMPITSSSF	21	1
>FLI1-V410I-I SSMPVTSSSF	2	>FLI1-V410I-I SSMPITSSSFF	2	0
>FLI1-V410I-I SSMPVTSSSF	231	>FLI1-V410I-I SSMPITSSSFF	219	12
>FLI1-V410I-I PSSMPVTSSS	49	>FLI1-V410I-I PSSMPITSSSF	68	19
>FLI1-V410I-I PSSMPVTSSS	64	>FLI1-V410I-I PSSMPITSSSF	67	3
>FLI1-V410I-I PSSMPVTSSS	214	>FLI1-V410I-I PSSMPITSSSF	228	14
>FLI1-V410I-I HPSSMPVT	177	>FLI1-V410I-I HPSSMPIT	284	107
>FLI1-V410I-I HPSSMPVTS	64	>FLI1-V410I-I HPSSMPITS	42	22
>FLI1-V410I-I HPSSMPVTSS	83	>FLI1-V410I-I HPSSMPITSS	67	16
>FLI1-V410I-I HPSSMPVTSS	467	>FLI1-V410I-I HPSSMPITSS	275	192
>FLI1-V410I-I PPHPSSMPV	149	>FLI1-V410I-I PPHPSSMPI	164	15
>FLI1-V410I-I VPPHPSSMPV	883	>FLI1-V410I-I VPPHPSSMPI	203	680
>FLI1-V410I-I VPPHPSSMPV	52	>FLI1-V410I-I VPPHPSSMPI	60	8
>FLI1-V410I-I VPPHPSSMPV	231	>FLI1-V410I-I VPPHPSSMPI	1607	1376
>FLI1-V410I-I VPPHPSSMPV	918	>FLI1-V410I-I VPPHPSSMPI	449	469
>FLT3-A627T ATAYGISKTG\	284	>FLT3-A627T TTAYGISKTG\	739	455
>FLT3-A627T ATAYGISKTG\	46	>FLT3-A627T TTAYGISKTG\	84	38
>FLT3-A627T ATAYGISKTG\	147	>FLT3-A627T TTAYGISKTG\	341	194
>FLT3-A627T ATAYGISKTG\	409	>FLT3-A627T TTAYGISKTG\	1255	846
>FLT3-A627T ATAYGISKTG\	112	>FLT3-A627T TTAYGISKTG\	797	685
>FLT3-A627T ATAYGISK	99	>FLT3-A627T TTAYGISK	125	26
>FLT3-A627T ATAYGISK	15	>FLT3-A627T TTAYGISK	14	1
>FLT3-A627T ATAYGISK	44	>FLT3-A627T TTAYGISK	370	326
>FLT3-A627T ATAYGISK	56	>FLT3-A627T TTAYGISK	6	50
>FLT3-A627T ATAYGISKT	2354	>FLT3-A627T TTAYGISKT	70	2284
>FLT3-A627T ATAYGISKTG\	19	>FLT3-A627T TTAYGISKTG\	5	14
>FLT3-A627T ATAYGISKTG\	261	>FLT3-A627T TTAYGISKTG\	25	236
>FLT3-A627T ATAYGISKTG\	140	>FLT3-A627T TTAYGISKTG\	693	553
>FLT3-A627T ATAYGISKT	224	>FLT3-A627T TTAYGISKT	280	56
>FLT3-A627T ATAYGISKTG\	335	>FLT3-A627T TTAYGISKTG\	422	87
>FLT3-A627T ATAYGISK	85	>FLT3-A627T TTAYGISK	215	130

>FLT3-A627T NATAYGISK	313	>FLT3-A627T NTTAYGISK	44	269
>FLT3-A627T NATAYGISK	116	>FLT3-A627T NTTAYGISK	35	81
>FLT3-A627T MNATAYGISK	571	>FLT3-A627T MNNTTAYGISK	469	102
>FLT3-A627T MNATAYGISK	339	>FLT3-A627T MNNTTAYGISK	939	600
>FLT3-A627T MNATAYGI	35	>FLT3-A627T MNNTTAYGI	198	163
>FLT3-A627T MNATAYGI	413	>FLT3-A627T MNNTTAYGI	1095	682
>FLT3-A627T VMNATAYGI	56	>FLT3-A627T VMNNTTAYGI	113	57
>FLT3-A627T VMNATAYGI	28	>FLT3-A627T VMNNTTAYGI	75	47
>FLT3-A627T VMNATAYGI	14	>FLT3-A627T VMNNTTAYGI	25	11
>FLT3-A627T VMNATAYGI	168	>FLT3-A627T VMNNTTAYGI	393	225
>FLT3-A627T VMNATAYG	249	>FLT3-A627T VMNNTTAYG	463	214
>FLT3-A627T VMNATAYGI	4	>FLT3-A627T VMNNTTAYGI	6	2
>FLT3-A627T VMNATAYGI	5	>FLT3-A627T VMNNTTAYGI	5	0
>FLT3-A627T VMNATAYGI	21	>FLT3-A627T VMNNTTAYGI	29	8
>FLT3-A627T VMNATAYGI	5	>FLT3-A627T VMNNTTAYGI	8	3
>FLT3-A627T VMNATAYGI	12	>FLT3-A627T VMNNTTAYGI	22	10
>FLT3-A627T VMNATAYGI!	36	>FLT3-A627T VMNNTTAYGI!	39	3
>FLT3-A627T VMNATAYGI!	11	>FLT3-A627T VMNNTTAYGI!	13	2
>FLT3-A627T VMNATAYGI!	293	>FLT3-A627T VMNNTTAYGI!	416	123
>FLT3-A627T VMNATAYGI!	335	>FLT3-A627T VMNNTTAYGI!	474	139
>FLT3-A627T VMNATAYGI	84	>FLT3-A627T VMNNTTAYGI	121	37
>FLT3-A627T VMNATAYGI	406	>FLT3-A627T VMNNTTAYGI	375	31
>FLT3-A627T VMNATAYGI!	472	>FLT3-A627T VMNNTTAYGI!	432	40
>FLT3-A627T KVMNATAYG	123	>FLT3-A627T KVMNNTTAYG	130	7
>FLT3-A627T KVMNATAYG	34	>FLT3-A627T KVMNNTTAYG	42	8
>FLT3-A627T KVMNATAYG	111	>FLT3-A627T KVMNNTTAYG	89	22
>FLT3-A627T KVMNATAYG	64	>FLT3-A627T KVMNNTTAYG	43	21
>FLT3-A627T KVMNATAYG	100	>FLT3-A627T KVMNNTTAYG	72	28
>FLT3-A627T KVMNATAYG	15	>FLT3-A627T KVMNNTTAYG	11	4
>FLT3-A627T KVMNATAYG	22	>FLT3-A627T KVMNNTTAYG	26	4
>FLT3-A627T KVMNATAY	88	>FLT3-A627T KVMNNTTAY	78	10
>FLT3-A627T KVMNATAY	53	>FLT3-A627T KVMNNTTAY	35	18
>FLT3-A627T KVMNATAY	156	>FLT3-A627T KVMNNTTAY	132	24
>FLT3-A627T KVMNATAY	160	>FLT3-A627T KVMNNTTAY	130	30
>FLT3-A627T KVMNATAY	389	>FLT3-A627T KVMNNTTAY	279	110
>FLT3-A627T KVMNATAYG	36	>FLT3-A627T KVMNNTTAYG	35	1
>FLT3-A627T KVMNATAYG	59	>FLT3-A627T KVMNNTTAYG	62	3
>FLT3-A627T KVMNATAYG	213	>FLT3-A627T KVMNNTTAYG	216	3
>FLT3-A627T KVMNATAY	38	>FLT3-A627T KVMNNTTAY	30	8
>FLT3-A627T KVMNATAY	17	>FLT3-A627T KVMNNTTAY	11	6
>FLT3-A627T KVMNATAYG	6	>FLT3-A627T KVMNNTTAYG	5	1
>FLT3-A627T KVMNATAYG	163	>FLT3-A627T KVMNNTTAYG	336	173
>FLT3-A627T KVMNATAYG	104	>FLT3-A627T KVMNNTTAYG	142	38

>FLT3-A627T KVMNATAY	79	>FLT3-A627T KVMNTTAY	33	46
>FLT3-A627T KVMNATAY	62	>FLT3-A627T KVMNTTAY	51	11
>FLT3-A627T KVMNATAY	444	>FLT3-A627T KVMNTTAY	344	100
>FLT3-A627T KVMNATAY	52	>FLT3-A627T KVMNTTAY	33	19
>FLT3-A627T KVMNATAY	35	>FLT3-A627T KVMNTTAY	35	0
>FLT3-A627T KVMNATAYG	341	>FLT3-A627T KVMNTTAYG	282	59
>FLT3-A627T KVMNATAY	82	>FLT3-A627T KVMNTTAY	116	34
>FLT3-A627T KVMNATAY	423	>FLT3-A627T KVMNTTAY	199	224
>FLT3-A627T KVMNATAYG	175	>FLT3-A627T KVMNTTAYG	122	53
>FLT3-A627T KVMNATAY	136	>FLT3-A627T KVMNTTAY	128	8
>FLT3-A627T GKVMNATAY	10	>FLT3-A627T GKVMNTTAY	8	2
>FLT3-A627T GKVMNATAY	426	>FLT3-A627T GKVMNTTAY	354	72
>FLT3-A627T FGKVMNATA	350	>FLT3-A627T FGKVMNTTA	265	85
>FLT3-A627T FGKVMNATA	162	>FLT3-A627T FGKVMNTTA	131	31
>FLT3-A627T FGKVMNATA	191	>FLT3-A627T FGKVMNTTA	171	20
>FLT3-A627T FGKVMNATA	313	>FLT3-A627T FGKVMNTTA	221	92
>FLT3-A627T FGKVMNATA	583	>FLT3-A627T FGKVMNTTA	367	216
>FLT3-A627T AFGKVMNAT	137	>FLT3-A627T AFGKVMNTT	138	1
>FLT3-A627T AFGKVMNAT	543	>FLT3-A627T AFGKVMNTT	493	50
>FLT3-A627T AFGKVMNAT	331	>FLT3-A627T AFGKVMNTT	175	156
>FLT3-A627T GAFGKVMNA	494	>FLT3-A627T GAFGKVMNT	4655	4161
>FLT3-A680V ACTLSGPIY	415	>FLT3-A680V VCTLSGPIY	264	151
>FLT3-A680V GACTLSGPIY	750	>FLT3-A680V GVCTLSGPIY	485	265
>FLT3-A680V GACTLSGPIY	279	>FLT3-A680V GVCTLSGPIY	1999	1720
>FLT3-A680V GACTLSGPI	277	>FLT3-A680V GVCTLSGPI	857	580
>FLT3-A680V LGACTLSGPIY	210	>FLT3-A680V LGVCTLSGPIY	737	527
>FLT3-A680V LGACTLSGPIY	268	>FLT3-A680V LGVCTLSGPIY	351	83
>FLT3-A680V LGACTLSGPIY	466	>FLT3-A680V LGVCTLSGPIY	424	42
>FLT3-A680V LGACTLSGPIY	245	>FLT3-A680V LGVCTLSGPIY	258	13
>FLT3-A680V LGACTLSGPIY	93	>FLT3-A680V LGVCTLSGPIY	96	3
>FLT3-A680V LLGACTLSGPI	179	>FLT3-A680V LLGVCTLSGPI	603	424
>FLT3-A680V LLGACTLSGPI	65	>FLT3-A680V LLGVCTLSGPI	265	200
>FLT3-A680V LLGACTLSGPI	29	>FLT3-A680V LLGVCTLSGPI	138	109
>FLT3-A680V LLGACTLSGPI	52	>FLT3-A680V LLGVCTLSGPI	201	149
>FLT3-A680V LLGACTLSGPI	40	>FLT3-A680V LLGVCTLSGPI	86	46
>FLT3-A680V LLGACTLSGPI	196	>FLT3-A680V LLGVCTLSGPI	452	256
>FLT3-A680V LLGACTLSGPI	296	>FLT3-A680V LLGVCTLSGPI	651	355
>FLT3-A680V LLGACTLSGPI	36	>FLT3-A680V LLGVCTLSGPI	88	52
>FLT3-A680V LLGACTLSGPI	314	>FLT3-A680V LLGVCTLSGPI	721	407
>FLT3-A680V NLLGACTL	191	>FLT3-A680V NLLGVCTL	72	119
>FLT3-A680V NLLGACTL	125	>FLT3-A680V NLLGVCTL	102	23
>FLT3-A680V NLLGACTL	564	>FLT3-A680V NLLGVCTL	267	297
>FLT3-A680V NLLGACTL	155	>FLT3-A680V NLLGVCTL	157	2



>FLT3-A680V NLLGACTL	21	>FLT3-A680V NLLGVCTL	7	14
>FLT3-A680V NLLGACTL	35	>FLT3-A680V NLLGVCTL	24	11
>FLT3-A680V NLLGACTL	23	>FLT3-A680V NLLGVCTL	14	9
>FLT3-A680V NLLGACTL	9	>FLT3-A680V NLLGVCTL	9	0
>FLT3-A680V NLLGACTL	6	>FLT3-A680V NLLGVCTL	5	1
>FLT3-A680V IVNLLGACTL	350	>FLT3-A680V IVNLLGVCTL	721	371
>FLT3-A680V NIVNLLGA	2392	>FLT3-A680V NIVNLLGV	377	2015
>FLT3-A680V NIVNLLGA	188	>FLT3-A680V NIVNLLGV	31	157
>FLT3-A680V NIVNLLGACT	570	>FLT3-A680V NIVNLLGVCT	297	273
>FLT3-A680V NIVNLLGA	135	>FLT3-A680V NIVNLLGV	18	117
>FLT3-A680V NIVNLLGACT	248	>FLT3-A680V NIVNLLGVCT	251	3
>FLT3-A680V NIVNLLGA	5501	>FLT3-A680V NIVNLLGV	96	5405
>FLT3-A680V NIVNLLGA	7652	>FLT3-A680V NIVNLLGV	272	7380
>FLT3-A680V NIVNLLGA	12309	>FLT3-A680V NIVNLLGV	460	11849
>FLT3-A680V NIVNLLGA	8005	>FLT3-A680V NIVNLLGV	95	7910
>FLT3-A680V NIVNLLGA	895	>FLT3-A680V NIVNLLGV	71	824
>FLT3-A680V NIVNLLGA	1266	>FLT3-A680V NIVNLLGV	27	1239
>FLT3-A680V HENIVNLLGA	2727	>FLT3-A680V HENIVNLLGV	78	2649
>FLT3-A680V HENIVNLLGA	3540	>FLT3-A680V HENIVNLLGV	296	3244
>FLT3-C563S CHKYKKQFR	205	>FLT3-C563S SHKYKKQFR	75	130
>FLT3-C563S CHKYKKQF	499	>FLT3-C563S SHKYKKQF	229	270
>FLT3-C563S ICHKYKKQF	4620	>FLT3-C563S ISHKYKKQF	437	4183
>FLT3-C563S ICHKYKKQFR`	1769	>FLT3-C563S ISHKYKKQFR`	466	1303
>FLT3-C563S ICHKYKKQFR	3764	>FLT3-C563S ISHKYKKQFR	498	3266
>FLT3-C563S ICHKYKKQFR`	843	>FLT3-C563S ISHKYKKQFR`	85	758
>FLT3-C563S ICHKYKKQFR	145	>FLT3-C563S ISHKYKKQFR	25	120
>FLT3-C563S ICHKYKKQFR	860	>FLT3-C563S ISHKYKKQFR	312	548
>FLT3-C563S ICHKYKKQFR`	306	>FLT3-C563S ISHKYKKQFR`	595	289
>FLT3-C563S ICHKYKKQF	238	>FLT3-C563S ISHKYKKQF	29	209
>FLT3-C563S ICHKYKKQFR`	3223	>FLT3-C563S ISHKYKKQFR`	330	2893
>FLT3-C563S ICHKYKKQF	2567	>FLT3-C563S ISHKYKKQF	5	2562
>FLT3-C563S ICHKYKKQFR`	2928	>FLT3-C563S ISHKYKKQFR`	4	2924
>FLT3-C563S ICHKYKKQF	12359	>FLT3-C563S ISHKYKKQF	198	12161
>FLT3-C563S ICHKYKKQFR`	15116	>FLT3-C563S ISHKYKKQFR`	239	14877
>FLT3-C563S ICHKYKKQF	424	>FLT3-C563S ISHKYKKQF	69	355
>FLT3-C563S ICHKYKKQFR`	375	>FLT3-C563S ISHKYKKQFR`	56	319
>FLT3-C563S ICHKYKKQFR	102	>FLT3-C563S ISHKYKKQFR	412	310
>FLT3-C563S LICHKYKK	550	>FLT3-C563S LISHKYKK	215	335
>FLT3-C563S LICHKYKK	166	>FLT3-C563S LISHKYKK	128	38
>FLT3-C563S LICHKYKKQFI	31	>FLT3-C563S LISHKYKKQFF	35	4
>FLT3-C563S LICHKYKKQFI	87	>FLT3-C563S LISHKYKKQFF	205	118
>FLT3-C563S LICHKYKKQFI	344	>FLT3-C563S LISHKYKKQFF	187	157
>FLT3-C563S LICHKYKKQF	538	>FLT3-C563S LISHKYKKQF	261	277

>FLT3-C563S LICHKYKKQF	446	>FLT3-C563S LISHKYKKQF	598	152
>FLT3-C563S LICHKYKKQFF	303	>FLT3-C563S LISHKYKKQFF	423	120
>FLT3-C563S LLICHKYK	153	>FLT3-C563S LLISHKYK	94	59
>FLT3-C563S LLICHKYKK	162	>FLT3-C563S LLISHKYKK	107	55
>FLT3-C563S LLICHKYK	216	>FLT3-C563S LLISHKYK	133	83
>FLT3-C563S LLICHKYKK	145	>FLT3-C563S LLISHKYKK	101	44
>FLT3-C563S LLICHKYK	394	>FLT3-C563S LLISHKYK	169	225
>FLT3-C563S LLICHKYKK	336	>FLT3-C563S LLISHKYKK	88	248
>FLT3-C563S LLICHKYK	403	>FLT3-C563S LLISHKYK	219	184
>FLT3-C563S LLICHKYKK	453	>FLT3-C563S LLISHKYKK	239	214
>FLT3-C563S LLICHKYKKQF	227	>FLT3-C563S LLISHKYKKQF	447	220
>FLT3-C563S LLICHKYKKQF	119	>FLT3-C563S LLISHKYKKQF	120	1
>FLT3-C563S LLICHKYKKQF	58	>FLT3-C563S LLISHKYKKQF	49	9
>FLT3-C563S TLLICHKYK	145	>FLT3-C563S TLLISHKYK	100	45
>FLT3-C563S TLLICHKYKK	79	>FLT3-C563S TLLISHKYKK	118	39
>FLT3-C563S TLLICHKYK	120	>FLT3-C563S TLLISHKYK	58	62
>FLT3-C563S TLLICHKYKK	85	>FLT3-C563S TLLISHKYKK	69	16
>FLT3-C563S TLLICHKY	26	>FLT3-C563S TLLISHKY	36	10
>FLT3-C563S TLLICHKYK	871	>FLT3-C563S TLLISHKYK	124	747
>FLT3-C563S TLLICHKY	48	>FLT3-C563S TLLISHKY	101	53
>FLT3-C563S TLLICHKYK	151	>FLT3-C563S TLLISHKYK	237	86
>FLT3-C563S TLLICHKYKK	379	>FLT3-C563S TLLISHKYKK	1050	671
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>FLT3-C563S TLLICHKY	390	>FLT3-C563S TLLISHKY	209	181
>FLT3-C563S TLLICHKY	536	>FLT3-C563S TLLISHKY	93	443
>FLT3-C563S TLLICHKY	1860	>FLT3-C563S TLLISHKY	365	1495
>FLT3-C563S TLLICHKYK	71	>FLT3-C563S TLLISHKYK	823	752
>FLT3-C563S TLLICHKYKK	243	>FLT3-C563S TLLISHKYKK	1124	881
>FLT3-C563S LTLlichKY	2612	>FLT3-C563S LTLlichKY	444	2168
>FLT3-C563S LTLlichK	497	>FLT3-C563S LTLlichK	206	291
>FLT3-C563S LTLlichKYK	41	>FLT3-C563S LTLlichKYK	35	6
>FLT3-C563S LTLlichKYKK	553	>FLT3-C563S LTLlichKYKK	340	213
>FLT3-C563S LTLlichK	56	>FLT3-C563S LTLlichK	39	17
>FLT3-C563S LTLlichKYK	28	>FLT3-C563S LTLlichKYK	20	8
>FLT3-C563S LTLlichKYKK	25	>FLT3-C563S LTLlichKYKK	21	4
>FLT3-C563S LTLlichKY	11	>FLT3-C563S LTLlichKY	11	0
>FLT3-C563S LTLlichK	90	>FLT3-C563S LTLlichK	61	29
>FLT3-C563S LTLlichKYK	82	>FLT3-C563S LTLlichKYK	20	62
>FLT3-C563S LTLlichKYKK	625	>FLT3-C563S LTLlichKYKK	211	414
>FLT3-C563S LTLlichKY	19	>FLT3-C563S LTLlichKY	23	4
>FLT3-C563S LTLlichK	208	>FLT3-C563S LTLlichK	216	8
>FLT3-C563S LTLlichKYK	88	>FLT3-C563S LTLlichKYK	104	16
>FLT3-C563S LTLlichKYKK	111	>FLT3-C563S LTLlichKYKK	84	27

>FLT3-C563S LTLlichk	82	>FLT3-C563S LTLlishk	94	12
>FLT3-C563S LTLlichkyk	511	>FLT3-C563S LTLlishkyk	114	397
>FLT3-C563S LTLlichkykk	74	>FLT3-C563S LTLlishkykk	78	4
>FLT3-C563S LTLlichky	626	>FLT3-C563S LTLlishky	87	539
>FLT3-C563S LTLlichky	10	>FLT3-C563S LTLlishky	4	6
>FLT3-C563S LTLlichky	830	>FLT3-C563S LTLlishky	292	538
>FLT3-C563S LTLlichky	694	>FLT3-C563S LTLlishky	135	559
>FLT3-C563S LTLlichky	10	>FLT3-C563S LTLlishky	14	4
>FLT3-C563S LTLlichkyk	432	>FLT3-C563S LTLlishkyk	441	9
>FLT3-C563S LTLlichkykk	403	>FLT3-C563S LTLlishkykk	419	16
>FLT3-C563S VTLlichk	180	>FLT3-C563S VTLlishk	83	97
>FLT3-C563S VTLlichkyk	189	>FLT3-C563S VTLlishkyk	130	59
>FLT3-C563S VTLlichky	372	>FLT3-C563S VTLlishk	263	109
>FLT3-C563S VTLlichkyk	217	>FLT3-C563S VTLlishkyk	158	59
>FLT3-C563S VTLlichky	720	>FLT3-C563S VTLlishky	447	273
>FLT3-C563S VTLlichky	78	>FLT3-C563S VTLlishky	115	37
>FLT3-C563S VTLlichky	185	>FLT3-C563S VTLlishky	48	137
>FLT3-C563S VTLlichky	2270	>FLT3-C563S VTLlishky	266	2004
>FLT3-C563S VVTLlichk	97	>FLT3-C563S VVTLlishk	76	21
>FLT3-C563S VVTLlichk	43	>FLT3-C563S VVTLlishk	38	5
>FLT3-C563S VVTLlichky	324	>FLT3-C563S VVTLlishky	185	139
>FLT3-C563S VVTLlichky	187	>FLT3-C563S VVTLlishky	170	17
>FLT3-C563S VVTLlichky	19	>FLT3-C563S VVTLlishky	18	1
>FLT3-C563S VVTLlichk	136	>FLT3-C563S VVTLlishk	169	33
>FLT3-C563S VVTLlichky	39	>FLT3-C563S VVTLlishky	31	8
>FLT3-C563S VVTLlichky	33	>FLT3-C563S VVTLlishky	16	17
>FLT3-C563S VVTLlichky	611	>FLT3-C563S VVTLlishky	174	437
>FLT3-C563S VVTLlichky	134	>FLT3-C563S VVTLlishky	119	15
>FLT3-C563S IVVTLlichk	350	>FLT3-C563S IVVTLlishk	197	153
>FLT3-C563S IVVTLlichk	103	>FLT3-C563S IVVTLlishk	76	27
>FLT3-C563S IVVTLlichk	165	>FLT3-C563S IVVTLlishk	290	125
>FLT3-C563S IVVTLlichk	163	>FLT3-C563S IVVTLlishk	141	22
>FLT3-D324N DTGYYTCSSSI	1573	>FLT3-D324N NTGYYTCSSSI	172	1401
>FLT3-D324N DTGYYTCSSSI	391	>FLT3-D324N NTGYYTCSSSI	2224	1833
>FLT3-D324N DTGYYTCSSSI	20	>FLT3-D324N NTGYYTCSSSI	31	11
>FLT3-D324N ARNDTGYY	87	>FLT3-D324N ARNNTGYY	61	26
>FLT3-D324N ARNDTGYY	236	>FLT3-D324N ARNNTGYY	110	126
>FLT3-D324N ARNDTGYY	869	>FLT3-D324N ARNNTGYY	420	449
>FLT3-D324N VARNDTGYY	283	>FLT3-D324N VARNNTGYY	151	132
>FLT3-D324N VARNDTGYY	1359	>FLT3-D324N VARNNTGYY	169	1190
>FLT3-D324N VARNDTGY	200	>FLT3-D324N VARNNTGY	180	20
>FLT3-D324N VARNDTGYY	19	>FLT3-D324N VARNNTGYY	18	1
>FLT3-D324N VARNDTGY	294	>FLT3-D324N VARNNTGY	235	59

>FLT3-D324MVARNDTGYY	287	>FLT3-D324MVARNNTGYY	220	67
>FLT3-D324MVARNDTGY	587	>FLT3-D324MVARNNTGY	202	385
>FLT3-D324MVARNDTGY	23	>FLT3-D324MVARNNTGY	10	13
>FLT3-D324MVARNDTGYY	113	>FLT3-D324MVARNNTGYY	22	91
>FLT3-D324MVARNDTGY	276	>FLT3-D324MVARNNTGY	533	257
>FLT3-D324MVARNDTGYY	96	>FLT3-D324MVARNNTGYY	175	79
>FLT3-D324MSVARNDTGY\	178	>FLT3-D324MSVARNNTGY\	207	29
>FLT3-D324MSVARNDTGY	76	>FLT3-D324MSVARNNTGY	67	9
>FLT3-D324MSVARNDTGY	48	>FLT3-D324MSVARNNTGY	46	2
>FLT3-D324MSVARNDTGY\	13	>FLT3-D324MSVARNNTGY\	15	2
>FLT3-D324MSVARNDTGY	202	>FLT3-D324MSVARNNTGY	294	92
>FLT3-D324MSVARNDTGY\	172	>FLT3-D324MSVARNNTGY\	106	66
>FLT3-D324MSVARNDTGY	144	>FLT3-D324MSVARNNTGY	111	33
>FLT3-D324MSVARNDTGY\	38	>FLT3-D324MSVARNNTGY\	31	7
>FLT3-D324MSVARNDTGY	580	>FLT3-D324MSVARNNTGY	416	164
>FLT3-D324MSVARNDTGY\	437	>FLT3-D324MSVARNNTGY\	429	8
>FLT3-D324MSVARNDTGY	693	>FLT3-D324MSVARNNTGY	466	227
>FLT3-D324MSVARNDTGY\	43	>FLT3-D324MSVARNNTGY\	33	10
>FLT3-D324MSVARNDTGY	271	>FLT3-D324MSVARNNTGY	221	50
>FLT3-D324MSVARNDTGY\	290	>FLT3-D324MSVARNNTGY\	235	55
>FLT3-D324MSVARNDTGY	216	>FLT3-D324MSVARNNTGY	185	31
>FLT3-D324MSVARNDTGY\	346	>FLT3-D324MSVARNNTGY\	241	105
>FLT3-D324MSVARNDTGY	257	>FLT3-D324MSVARNNTGY	862	605
>FLT3-D324MSVARNDTGY	1225	>FLT3-D324MSVARNNTGY	392	833
>FLT3-D324MSVARNDTGY\	47	>FLT3-D324MSVARNNTGY\	36	11
>FLT3-D324MSSVARNDTG\	250	>FLT3-D324MSSVARNNTG\	462	212
>FLT3-D324MSSVARNDTG\	420	>FLT3-D324MSSVARNNTG\	296	124
>FLT3-D324MSSVARNDTG\	338	>FLT3-D324MSSVARNNTG\	171	167
>FLT3-D324MSSVARNDTG\	143	>FLT3-D324MSSVARNNTG\	156	13
>FLT3-D324MSSVARNDTG\	30	>FLT3-D324MSSVARNNTG\	36	6
>FLT3-D324MSSVARNDTG\	445	>FLT3-D324MSSVARNNTG\	125	320
>FLT3-D324MSSVARNDTG\	723	>FLT3-D324MSSVARNNTG\	305	418
>FLT3-D324MSSVARNDTG\	171	>FLT3-D324MSSVARNNTG\	119	52
>FLT3-D324MSSVARNDTG\	145	>FLT3-D324MSSVARNNTG\	139	6
>FLT3-D324MSSVARNDTG\	36	>FLT3-D324MSSVARNNTG\	26	10
>FLT3-D324MSSVARNDTG\	285	>FLT3-D324MSSVARNNTG\	239	46
>FLT3-D324MSSVARNDTG\	244	>FLT3-D324MSSVARNNTG\	173	71
>FLT3-D324MSSVARNDTG\	240	>FLT3-D324MSSVARNNTG\	171	69
>FLT3-D324MSSVARNDTG\	1406	>FLT3-D324MSSVARNNTG\	382	1024
>FLT3-D324MSSVARNDTG\	7	>FLT3-D324MSSVARNNTG\	6	1
>FLT3-D324MSSVARNDTG\	16	>FLT3-D324MSSVARNNTG\	11	5
>FLT3-D324MSSVARNDTG\	115	>FLT3-D324MSSVARNNTG\	57	58
>FLT3-D324MSSVARNDTG\	49	>FLT3-D324MSSVARNNTG\	44	5

>FLT3-D324N VSSVARNDTC	410	>FLT3-D324N VSSVARNNTC	264	146
>FLT3-D324N VSSVARNDTC	40	>FLT3-D324N VSSVARNNTC	37	3
>FLT3-D324N VSSVARNDTC	730	>FLT3-D324N VSSVARNNTC	340	390
>FLT3-D324N VSSVARNDTC	14	>FLT3-D324N VSSVARNNTC	10	4
>FLT3-D324N VSSVARNDTC	268	>FLT3-D324N VSSVARNNTC	124	144
>FLT3-D835A DIMSDSNYV	3034	>FLT3-D835A AIMS SDSNYV	16	3018
>FLT3-D835A DIMSDSNYV\	224	>FLT3-D835A AIMS SDSNYV\	26	198
>FLT3-D835A DIMSDSNYV	200	>FLT3-D835A AIMS SDSNYV	4	196
>FLT3-D835A DIMSDSNYV\	84	>FLT3-D835A AIMS SDSNYV\	14	70
>FLT3-D835A DIMSDSNYV	621	>FLT3-D835A AIMS SDSNYV	5	616
>FLT3-D835A DIMSDSNYV\	282	>FLT3-D835A AIMS SDSNYV\	40	242
>FLT3-D835A DIMSDSNYV	710	>FLT3-D835A AIMS SDSNYV	11	699
>FLT3-D835A DIMSDSNYV\	235	>FLT3-D835A AIMS SDSNYV\	52	183
>FLT3-D835A DIMSDSNYV	324	>FLT3-D835A AIMS SDSNYV	8	316
>FLT3-D835A DIMSDSNYV\	693	>FLT3-D835A AIMS SDSNYV\	15	678
>FLT3-D835A DIMSDSNYV	433	>FLT3-D835A AIMS SDSNYV	7	426
>FLT3-D835A DIMSDSNYV\	438	>FLT3-D835A AIMS SDSNYV\	10	428
>FLT3-D835A DIMSDSNYV	424	>FLT3-D835A AIMS SDSNYV	23	401
>FLT3-D835A DIMSDSNYV\	1324	>FLT3-D835A AIMS SDSNYV\	57	1267
>FLT3-D835A DIMSDSNYV	8	>FLT3-D835A AIMS SDSNYV	3	5
>FLT3-D835A DIMSDSNYV\	16	>FLT3-D835A AIMS SDSNYV\	5	11
>FLT3-D835A DIMSDSNYV	355	>FLT3-D835A AIMS SDSNYV	5	350
>FLT3-D835A DIMSDSNYV\	492	>FLT3-D835A AIMS SDSNYV\	6	486
>FLT3-D835A DIMSDSNY	12629	>FLT3-D835A AIMS SDSNY	160	12469
>FLT3-D835A DIMSDSNYV\	7671	>FLT3-D835A AIMS SDSNYV\	98	7573
>FLT3-D835A DIMSDSNY	133	>FLT3-D835A AIMS SDSNY	4583	4450
>FLT3-D835A DIMSDSNY	16	>FLT3-D835A AIMS SDSNY	38	22
>FLT3-D835A DIMSDSNY	258	>FLT3-D835A AIMS SDSNY	3006	2748
>FLT3-D835A DIMSDSNY	730	>FLT3-D835A AIMS SDSNY	260	470
>FLT3-D835A DIMSDSNY	251	>FLT3-D835A AIMS SDSNY	38	213
>FLT3-D835A DIMSDSNYV\	1399	>FLT3-D835A AIMS SDSNYV\	61	1338
>FLT3-D835A DIMSDSNYV\	74	>FLT3-D835A AIMS SDSNYV\	4472	4398
>FLT3-D835A DIMSDSNY	472	>FLT3-D835A AIMS SDSNY	6371	5899
>FLT3-D835A DIMSDSNYV\	16	>FLT3-D835A AIMS SDSNYV\	161	145
>FLT3-D835A DIMSDSNYV	17	>FLT3-D835A AIMS SDSNYV	59	42
>FLT3-D835A DIMSDSNYV\	139	>FLT3-D835A AIMS SDSNYV\	281	142
>FLT3-D835A DIMSDSNYV	7	>FLT3-D835A AIMS SDSNYV	60	53
>FLT3-D835A DIMSDSNYV\	22	>FLT3-D835A AIMS SDSNYV\	330	308
>FLT3-D835A DIMSDSNY	3826	>FLT3-D835A AIMS SDSNY	106	3720
>FLT3-D835A DIMSDSNY	373	>FLT3-D835A AIMS SDSNY	258	115
>FLT3-D835A DIMSDSNY	2433	>FLT3-D835A AIMS SDSNY	162	2271
>FLT3-D835A DIMSDSNY	8497	>FLT3-D835A AIMS SDSNY	337	8160
>FLT3-D835A RDIMS SDSNY\	6302	>FLT3-D835A RAIMS SDSNY\	356	5946

>FLT3-D835ARDIMSDSN\	8740	>FLT3-D835A RAIMSDSN\	214	8526
>FLT3-D835ARDIMSDSN\	4140	>FLT3-D835A RAIMSDSN\	143	3997
>FLT3-D835ARDIMSDSN\	7541	>FLT3-D835A RAIMSDSN\	445	7096
>FLT3-D835ARDIMSDSN\	1670	>FLT3-D835A RAIMSDSN\	103	1567
>FLT3-D835ARDIMSDSN\	14270	>FLT3-D835A RAIMSDSN\	391	13879
>FLT3-D835ARDIMSDSN\	1403	>FLT3-D835A RAIMSDSN\	76	1327
>FLT3-D835ARDIMSDSN\	384	>FLT3-D835A RAIMSDSN\	22	362
>FLT3-D835ARDIMSDSN\	3739	>FLT3-D835A RAIMSDSN\	360	3379
>FLT3-D835ARDIMSDSN\	3119	>FLT3-D835A RAIMSDSN\	242	2877
>FLT3-D835ARDIMSDSN\	662	>FLT3-D835A RAIMSDSN\	3	659
>FLT3-D835ARDIMSDSN\	20196	>FLT3-D835A RAIMSDSN\	244	19952
>FLT3-D835ARDIMSDSN\	17694	>FLT3-D835A RAIMSDSN\	63	17631
>FLT3-D835ARDIMSDSN\	4540	>FLT3-D835A RAIMSDSN\	105	4435
>FLT3-D835ARDIMSDSN\	207	>FLT3-D835A RAIMSDSN\	21478	21271
>FLT3-D835ARDIMSDSN\	18547	>FLT3-D835A RAIMSDSN\	65	18482
>FLT3-D835ARDIMSDSN\	551	>FLT3-D835A RAIMSDSN\	89	462
>FLT3-D835ARDIMSDSN\	121	>FLT3-D835A RAIMSDSN\	29125	29004
>FLT3-D835ARDIMSDSN\	47	>FLT3-D835A RAIMSDSN\	23028	22981
>FLT3-D835ARDIMSDSN\	207	>FLT3-D835A RAIMSDSN\	142	65
>FLT3-D835ARDIMSDSN\	1382	>FLT3-D835A RAIMSDSN\	136	1246
>FLT3-D835ARDIMSDSN\	185	>FLT3-D835A RAIMSDSN\	104	81
>FLT3-D835ARDIMSDSN\	168	>FLT3-D835A RAIMSDSN\	199	31
>FLT3-D835ARDIMSDSN\	146	>FLT3-D835A RAIMSDSN\	128	18
>FLT3-D835ARDIMSDSN\	119	>FLT3-D835A RAIMSDSN\	63	56
>FLT3-D835ARDIMSDSN\	5	>FLT3-D835A RAIMSDSN\	6	1
>FLT3-D835ARDIMSDSN\	106	>FLT3-D835A RAIMSDSN\	115	9
>FLT3-D835ARDIMSDSN\	12	>FLT3-D835A RAIMSDSN\	15	3
>FLT3-D835ARDIMSDSN\	2057	>FLT3-D835A RAIMSDSN\	320	1737
>FLT3-D835ARDIMSDSN\	84	>FLT3-D835A RAIMSDSN\	61	23
>FLT3-D835ARDIMSDSN\	428	>FLT3-D835A RAIMSDSN\	275	153
>FLT3-D835ARDIMSDSN\	15591	>FLT3-D835A RAIMSDSN\	418	15173
>FLT3-D835ARDIMSDSN\	13579	>FLT3-D835A RAIMSDSN\	117	13462
>FLT3-D835ARDIMSDSN\	17356	>FLT3-D835A RAIMSDSN\	331	17025
>FLT3-D835ARDIMSDSN\	1817	>FLT3-D835A RAIMSDSN\	335	1482
>FLT3-D835ARDIMSDSN\	16074	>FLT3-D835A RAIMSDSN\	179	15895
>FLT3-D835ARDIMSDSN\	997	>FLT3-D835A RAIMSDSN\	150	847
>FLT3-D835ARDIMSDSN\	25897	>FLT3-D835A RAIMSDSN\	286	25611
>FLT3-D835ARDIMSDSN\	109	>FLT3-D835A RAIMSDSN\	30	79
>FLT3-D835ARDIMSDSN\	224	>FLT3-D835A RAIMSDSN\	161	63
>FLT3-D835ARDIMSDSN\	200	>FLT3-D835A RAIMSDSN\	28	172
>FLT3-D835ARDIMSDSN\	84	>FLT3-D835A RAIMSDSN\	55	29
>FLT3-D835ARDIMSDSN\	621	>FLT3-D835A RAIMSDSN\	127	494
>FLT3-D835ARDIMSDSN\	282	>FLT3-D835A RAIMSDSN\	174	108

>FLT3-D835E DIMSDSNV	710	>FLT3-D835E EIMSDSNV	133	577
>FLT3-D835E DIMSDSNV\	235	>FLT3-D835E EIMSDSNVV	126	109
>FLT3-D835E DIMSDSNV	324	>FLT3-D835E EIMSDSNV	80	244
>FLT3-D835E DIMSDSNV\	693	>FLT3-D835E EIMSDSNVV	176	517
>FLT3-D835E DIMSDSNV	433	>FLT3-D835E EIMSDSNV	95	338
>FLT3-D835E DIMSDSNV\	438	>FLT3-D835E EIMSDSNVV	121	317
>FLT3-D835E DIMSDSNV	424	>FLT3-D835E EIMSDSNV	214	210
>FLT3-D835E DIMSDSNV	8	>FLT3-D835E EIMSDSNV	4	4
>FLT3-D835E DIMSDSNV\	16	>FLT3-D835E EIMSDSNVV	7	9
>FLT3-D835E DIMSDSNV	355	>FLT3-D835E EIMSDSNV	73	282
>FLT3-D835E DIMSDSNV\	492	>FLT3-D835E EIMSDSNVV	115	377
>FLT3-D835E DIMSDSNY	133	>FLT3-D835E EIMSDSNY	29	104
>FLT3-D835E DIMSDSNY	16	>FLT3-D835E EIMSDSNY	5	11
>FLT3-D835E DIMSDSNV	1148	>FLT3-D835E EIMSDSNV	314	834
>FLT3-D835E DIMSDSNY	258	>FLT3-D835E EIMSDSNY	75	183
>FLT3-D835E DIMSDSNY	251	>FLT3-D835E EIMSDSNY	245	6
>FLT3-D835E DIMSDSNV\	74	>FLT3-D835E EIMSDSNVV	200	126
>FLT3-D835E DIMSDSNY	472	>FLT3-D835E EIMSDSNY	134	338
>FLT3-D835E DIMSDSNV\	16	>FLT3-D835E EIMSDSNVV	7	9
>FLT3-D835E DIMSDSNV	17	>FLT3-D835E EIMSDSNV	7	10
>FLT3-D835E DIMSDSNV\	139	>FLT3-D835E EIMSDSNVV	36	103
>FLT3-D835E DIMSDSNV	7	>FLT3-D835E EIMSDSNV	4	3
>FLT3-D835E DIMSDSNV\	22	>FLT3-D835E EIMSDSNVV	7	15
>FLT3-D835E DIMSDSNY	373	>FLT3-D835E EIMSDSNY	334	39
>FLT3-D835E DIMSDSNY	606	>FLT3-D835E EIMSDSNY	286	320
>FLT3-D835E DIMSDSNV\	525	>FLT3-D835E EIMSDSNVV	156	369
>FLT3-D835E RDIMSDSNY	6329	>FLT3-D835E REIMSDSNV	445	5884
>FLT3-D835E RDIMSDSNY	1403	>FLT3-D835E REIMSDSNY	125	1278
>FLT3-D835E RDIMSDSNY	384	>FLT3-D835E REIMSDSNY	30	354
>FLT3-D835E RDIMSDSNY\	3119	>FLT3-D835E REIMSDSNV	358	2761
>FLT3-D835E RDIMSDSNY	662	>FLT3-D835E REIMSDSNY	437	225
>FLT3-D835E RDIMSDSNY\	8541	>FLT3-D835E REIMSDSNV	16	8525
>FLT3-D835E RDIMSDSNY\	19397	>FLT3-D835E REIMSDSNV	192	19205
>FLT3-D835E RDIMSDSNY\	207	>FLT3-D835E REIMSDSNV	39	168
>FLT3-D835E RDIMSDSNY	8080	>FLT3-D835E REIMSDSNY	325	7755
>FLT3-D835E RDIMSDSNY	6774	>FLT3-D835E REIMSDSNY	94	6680
>FLT3-D835E RDIMSDSNY\	12967	>FLT3-D835E REIMSDSNV	72	12895
>FLT3-D835E RDIMSDSNY\	1529	>FLT3-D835E REIMSDSNV	19	1510
>FLT3-D835E RDIMSDSNY\	718	>FLT3-D835E REIMSDSNV	13	705
>FLT3-D835E RDIMSDSNY\	121	>FLT3-D835E REIMSDSNV	7080	6959
>FLT3-D835E RDIMSDSNY\	47	>FLT3-D835E REIMSDSNV	2120	2073
>FLT3-D835E ARDIMSDSNY	207	>FLT3-D835E AREIMSDSNY	203	4
>FLT3-D835E ARDIMSDSNY	185	>FLT3-D835E AREIMSDSNY	217	32

>FLT3-D835E LARDIMSDSN	168	>FLT3-D835E LAREIMSDSN	254	86
>FLT3-D835E LARDIMSDSN	146	>FLT3-D835E LAREIMSDSN	184	38
>FLT3-D835E LARDIMSDSN	119	>FLT3-D835E LAREIMSDSN	95	24
>FLT3-D835E LARDIMSDSN	5	>FLT3-D835E LAREIMSDSN	5	0
>FLT3-D835E LARDIMSDSN	106	>FLT3-D835E LAREIMSDSN	75	31
>FLT3-D835E LARDIMSDSN	12	>FLT3-D835E LAREIMSDSN	24	12
>FLT3-D835E CDFGLARDI	970	>FLT3-D835E CDFGLAREI	371	599
>FLT3-D835E CDFGLARDI	84	>FLT3-D835E CDFGLAREI	62	22
>FLT3-D835E ICDFGLARDI	428	>FLT3-D835E ICDFGLAREI	338	90
>FLT3-D835E KICDFGLARD	997	>FLT3-D835E KICDFGLAREI	139	858
>FLT3-D835E KICDFGLARD	109	>FLT3-D835E KICDFGLAREI	91	18
>FLT3-D835F DIMSDSNYV	3034	>FLT3-D835F FIMSDSNYV	7	3027
>FLT3-D835F DIMSDSNYV\	224	>FLT3-D835F FIMSDSNYVV	7	217
>FLT3-D835F DIMSDSNYV	200	>FLT3-D835F FIMSDSNYV	2	198
>FLT3-D835F DIMSDSNYV\	84	>FLT3-D835F FIMSDSNYVV	6	78
>FLT3-D835F DIMSDSNYV	621	>FLT3-D835F FIMSDSNYV	2	619
>FLT3-D835F DIMSDSNYV\	282	>FLT3-D835F FIMSDSNYVV	14	268
>FLT3-D835F DIMSDSNYV	710	>FLT3-D835F FIMSDSNYV	3	707
>FLT3-D835F DIMSDSNYV\	235	>FLT3-D835F FIMSDSNYVV	17	218
>FLT3-D835F DIMSDSNYV	324	>FLT3-D835F FIMSDSNYV	3	321
>FLT3-D835F DIMSDSNYV\	693	>FLT3-D835F FIMSDSNYVV	4	689
>FLT3-D835F DIMSDSNYV	433	>FLT3-D835F FIMSDSNYV	3	430
>FLT3-D835F DIMSDSNYV\	438	>FLT3-D835F FIMSDSNYVV	3	435
>FLT3-D835F DIMSDSNYV	424	>FLT3-D835F FIMSDSNYV	9	415
>FLT3-D835F DIMSDSNYV\	1324	>FLT3-D835F FIMSDSNYVV	15	1309
>FLT3-D835F DIMSDSNYV	8	>FLT3-D835F FIMSDSNYV	2	6
>FLT3-D835F DIMSDSNYV\	16	>FLT3-D835F FIMSDSNYVV	2	14
>FLT3-D835F DIMSDSNYV	355	>FLT3-D835F FIMSDSNYV	2	353
>FLT3-D835F DIMSDSNYV\	492	>FLT3-D835F FIMSDSNYVV	3	489
>FLT3-D835F DIMSDSNY	133	>FLT3-D835F FIMSDSNY	153	20
>FLT3-D835F DIMSDSNY	16	>FLT3-D835F FIMSDSNY	43	27
>FLT3-D835F DIMSDSNY	258	>FLT3-D835F FIMSDSNY	1697	1439
>FLT3-D835F DIMSDSNY	730	>FLT3-D835F FIMSDSNY	30	700
>FLT3-D835F DIMSDSNY	251	>FLT3-D835F FIMSDSNY	120	131
>FLT3-D835F DIMSDSNYV\	1399	>FLT3-D835F FIMSDSNYVV	452	947
>FLT3-D835F DIMSDSNYV\	74	>FLT3-D835F FIMSDSNYVV	657	583
>FLT3-D835F DIMSDSNY	472	>FLT3-D835F FIMSDSNY	431	41
>FLT3-D835F DIMSDSNYV\	16	>FLT3-D835F FIMSDSNYVV	13	3
>FLT3-D835F DIMSDSNYV	17	>FLT3-D835F FIMSDSNYV	8	9
>FLT3-D835F DIMSDSNYV\	139	>FLT3-D835F FIMSDSNYVV	50	89
>FLT3-D835F DIMSDSNYV	7	>FLT3-D835F FIMSDSNYV	6	1
>FLT3-D835F DIMSDSNYV\	22	>FLT3-D835F FIMSDSNYVV	15	7
>FLT3-D835F DIMSDSNY	3826	>FLT3-D835F FIMSDSNY	72	3754



>FLT3-D835F DIMSDSNY	373	>FLT3-D835F FIMSDSNY	37	336
>FLT3-D835F DIMSDSNY	2433	>FLT3-D835F FIMSDSNY	62	2371
>FLT3-D835F DIMSDSNYV\	8262	>FLT3-D835F FIMSDSNYVV	425	7837
>FLT3-D835F DIMSDSNY	606	>FLT3-D835F FIMSDSNY	74	532
>FLT3-D835F DIMSDSNYV\	5917	>FLT3-D835F FIMSDSNYVV	186	5731
>FLT3-D835F DIMSDSNYV\	525	>FLT3-D835F FIMSDSNYVV	205	320
>FLT3-D835F RDIMSDSNY	6167	>FLT3-D835F RFIMSDSNY	79	6088
>FLT3-D835F RDIMSDSNY	1670	>FLT3-D835F RFIMSDSNY	139	1531
>FLT3-D835F RDIMSDSNY	1403	>FLT3-D835F RFIMSDSNY	275	1128
>FLT3-D835F RDIMSDSNY	6751	>FLT3-D835F RFIMSDSNY	429	6322
>FLT3-D835F RDIMSDSNY	384	>FLT3-D835F RFIMSDSNY	391	7
>FLT3-D835F RDIMSDSNY\	207	>FLT3-D835F RFIMSDSNYV	15222	15015
>FLT3-D835F RDIMSDSNY	551	>FLT3-D835F RFIMSDSNY	490	61
>FLT3-D835F RDIMSDSNY\	23251	>FLT3-D835F RFIMSDSNYV	131	23120
>FLT3-D835F RDIMSDSNY\	121	>FLT3-D835F RFIMSDSNYV	22042	21921
>FLT3-D835F RDIMSDSNY\	47	>FLT3-D835F RFIMSDSNYV	14782	14735
>FLT3-D835F VKICDFGLAR	19748	>FLT3-D835F VKICDFGLAR	14	19734
>FLT3-D835F ARDIMSDSN\	1286	>FLT3-D835F ARFIMSDSNY	261	1025
>FLT3-D835F ARDIMSDSN\	207	>FLT3-D835F ARFIMSDSNY	53	154
>FLT3-D835F ARDIMSDSN\	1382	>FLT3-D835F ARFIMSDSNY	26	1356
>FLT3-D835F ARDIMSDSN\	7381	>FLT3-D835F ARFIMSDSNY	219	7162
>FLT3-D835F ARDIMSDSN\	185	>FLT3-D835F ARFIMSDSNY	38	147
>FLT3-D835F ARDIMSDSN\	9994	>FLT3-D835F ARFIMSDSNY	369	9625
>FLT3-D835F ARDIMSDSN\	2239	>FLT3-D835F ARFIMSDSNY	333	1906
>FLT3-D835F LARDIMSDSN	644	>FLT3-D835F LARFIMSDSN	499	145
>FLT3-D835F LARDIMSDSN	168	>FLT3-D835F LARFIMSDSN	123	45
>FLT3-D835F LARDIMSDSN	146	>FLT3-D835F LARFIMSDSN	206	60
>FLT3-D835F LARDIMSDSN	119	>FLT3-D835F LARFIMSDSN	132	13
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>FLT3-D835F LARDIMSDSN	106	>FLT3-D835F LARFIMSDSN	165	59
>FLT3-D835F LARDIMSDSN	12	>FLT3-D835F LARFIMSDSN	10	2
>FLT3-D835F CDFGLARDI	970	>FLT3-D835F CDFGLARFI	40	930
>FLT3-D835F CDFGLARDI	1651	>FLT3-D835F CDFGLARFI	301	1350
>FLT3-D835F CDFGLARDI	84	>FLT3-D835F CDFGLARFI	39	45
>FLT3-D835F ICDFGLARD	22037	>FLT3-D835F ICDFGLARF	178	21859
>FLT3-D835F ICDFGLARDI\	428	>FLT3-D835F ICDFGLARFIM	402	26
>FLT3-D835F KICDFGLARD	1817	>FLT3-D835F KICDFGLARFI	174	1643
>FLT3-D835F KICDFGLARD	997	>FLT3-D835F KICDFGLARFI	106	891
>FLT3-D835F KICDFGLARD	3284	>FLT3-D835F KICDFGLARFI	275	3009
>FLT3-D835F KICDFGLARD	14521	>FLT3-D835F KICDFGLARF	132	14389
>FLT3-D835F KICDFGLARD	109	>FLT3-D835F KICDFGLARFI	329	220
>FLT3-D835F KICDFGLARD	19581	>FLT3-D835F KICDFGLARF	207	19374
>FLT3-D835F KICDFGLARD	19830	>FLT3-D835F KICDFGLARF	62	19768

>FLT3-D835F KICDFGLARD	1636	>FLT3-D835F KICDFGLARFI	461	1175
>FLT3-D835F DIMSDSNV	3034	>FLT3-D835F HIMSDSNV	28	3006
>FLT3-D835F DIMSDSNV\	224	>FLT3-D835F HIMSDSNV\	38	186
>FLT3-D835F DIMSDSNV	200	>FLT3-D835F HIMSDSNV	4	196
>FLT3-D835F DIMSDSNV\	84	>FLT3-D835F HIMSDSNV\	20	64
>FLT3-D835F DIMSDSNV	621	>FLT3-D835F HIMSDSNV	9	612
>FLT3-D835F DIMSDSNV\	282	>FLT3-D835F HIMSDSNV\	81	201
>FLT3-D835F DIMSDSNV	710	>FLT3-D835F HIMSDSNV	24	686
>FLT3-D835F DIMSDSNV\	235	>FLT3-D835F HIMSDSNV\	71	164
>FLT3-D835F DIMSDSNV	324	>FLT3-D835F HIMSDSNV	24	300
>FLT3-D835F DIMSDSNV\	693	>FLT3-D835F HIMSDSNV\	52	641
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>FLT3-D835F DIMSDSNV\	438	>FLT3-D835F HIMSDSNV\	13	425
>FLT3-D835F DIMSDSNV	424	>FLT3-D835F HIMSDSNV	63	361
>FLT3-D835F DIMSDSNV\	1324	>FLT3-D835F HIMSDSNV\	188	1136
>FLT3-D835F DIMSDSNV	8	>FLT3-D835F HIMSDSNV	5	3
>FLT3-D835F DIMSDSNV\	16	>FLT3-D835F HIMSDSNV\	8	8
>FLT3-D835F DIMSDSNV	355	>FLT3-D835F HIMSDSNV	12	343
>FLT3-D835F DIMSDSNV\	492	>FLT3-D835F HIMSDSNV\	18	474
>FLT3-D835F DIMSDSNY	133	>FLT3-D835F HIMSDSNY	226	93
>FLT3-D835F DIMSDSNY	16	>FLT3-D835F HIMSDSNY	38	22
>FLT3-D835F DIMSDSNY	258	>FLT3-D835F HIMSDSNY	414	156
>FLT3-D835F DIMSDSNY	730	>FLT3-D835F HIMSDSNY	202	528
>FLT3-D835F DIMSDSNY	251	>FLT3-D835F HIMSDSNY	60	191
>FLT3-D835F DIMSDSNV\	1399	>FLT3-D835F HIMSDSNV\	35	1364
>FLT3-D835F DIMSDSNV\	74	>FLT3-D835F HIMSDSNV\	260	186
>FLT3-D835F DIMSDSNY	472	>FLT3-D835F HIMSDSNY	504	32
>FLT3-D835F DIMSDSNV\	16	>FLT3-D835F HIMSDSNV\	18	2
>FLT3-D835F DIMSDSNV	17	>FLT3-D835F HIMSDSNV	10	7
>FLT3-D835F DIMSDSNV\	139	>FLT3-D835F HIMSDSNV\	163	24
>FLT3-D835F DIMSDSNV	7	>FLT3-D835F HIMSDSNV	8	1
>FLT3-D835F DIMSDSNV\	22	>FLT3-D835F HIMSDSNV\	24	2
>FLT3-D835F DIMSDSNY	6743	>FLT3-D835F HIMSDSNY	294	6449
>FLT3-D835F DIMSDSNY	3826	>FLT3-D835F HIMSDSNY	129	3697
>FLT3-D835F DIMSDSNY	373	>FLT3-D835F HIMSDSNY	83	290
>FLT3-D835F DIMSDSNY	2433	>FLT3-D835F HIMSDSNY	250	2183
>FLT3-D835F DIMSDSNY	8497	>FLT3-D835F HIMSDSNY	466	8031
>FLT3-D835F DIMSDSNY	606	>FLT3-D835F HIMSDSNY	129	477
>FLT3-D835F DIMSDSNV\	5917	>FLT3-D835F HIMSDSNV\	228	5689
>FLT3-D835F DIMSDSNY	10280	>FLT3-D835F HIMSDSNY	428	9852
>FLT3-D835F DIMSDSNY	1256	>FLT3-D835F HIMSDSNY	383	873
>FLT3-D835F DIMSDSNV\	525	>FLT3-D835F HIMSDSNV\	46	479
>FLT3-D835F RDIMSDSNY	1670	>FLT3-D835F RHIMSDSNY	289	1381

>FLT3-D835F RDIMSDSNY	384	>FLT3-D835F RHIMSDSNY	10	374
>FLT3-D835F RDIMSDSNY\	3739	>FLT3-D835F RHIMSDSNY\	155	3584
>FLT3-D835F RDIMSDSNY\	3119	>FLT3-D835F RHIMSDSNY\	112	3007
>FLT3-D835F RDIMSDSNY\	11626	>FLT3-D835F RHIMSDSNY\	394	11232
>FLT3-D835F RDIMSDSNY\	207	>FLT3-D835F RHIMSDSNY\	11902	11695
>FLT3-D835F RDIMSDSNY	27800	>FLT3-D835F RHIMSDSNY	384	27416
>FLT3-D835F RDIMSDSNY\	121	>FLT3-D835F RHIMSDSNY\	18189	18068
>FLT3-D835F RDIMSDSNY\	47	>FLT3-D835F RHIMSDSNY\	9920	9873
>FLT3-D835F ARDIMSDSN\	207	>FLT3-D835F ARHIMSDSN\	388	181
>FLT3-D835F ARDIMSDSN\	1382	>FLT3-D835F ARHIMSDSN\	91	1291
>FLT3-D835F ARDIMSDSN\	185	>FLT3-D835F ARHIMSDSN\	84	101
>FLT3-D835F LARDIMSDSN	168	>FLT3-D835F LARHIMSDSN	123	45
>FLT3-D835F LARDIMSDSN	146	>FLT3-D835F LARHIMSDSN	136	10
>FLT3-D835F LARDIMSDSN	119	>FLT3-D835F LARHIMSDSN	39	80
>FLT3-D835F LARDIMSDSN	5	>FLT3-D835F LARHIMSDSN	5	0
>FLT3-D835F LARDIMSDSN	106	>FLT3-D835F LARHIMSDSN	114	8
>FLT3-D835F LARDIMSDSN	12	>FLT3-D835F LARHIMSDSN	12	0
>FLT3-D835F FGLARDIM	3343	>FLT3-D835F FGLARHIM	489	2854
>FLT3-D835F CDFGLARDI	1651	>FLT3-D835F CDFGLARHI	342	1309
>FLT3-D835F CDFGLARDI	84	>FLT3-D835F CDFGLARHI	105	21
>FLT3-D835F ICDFGLARDIM	428	>FLT3-D835F ICDFGLARHIM	452	24
>FLT3-D835F KICDFGLARD	1817	>FLT3-D835F KICDFGLARH	373	1444
>FLT3-D835F KICDFGLARD	997	>FLT3-D835F KICDFGLARH	261	736
>FLT3-D835F KICDFGLARD	109	>FLT3-D835F KICDFGLARH	260	151
>FLT3-D835F KICDFGLARD	1636	>FLT3-D835F KICDFGLARH	468	1168
>FLT3-D835I DIMSDSNYV	3034	>FLT3-D835I IIMSDSNYV	14	3020
>FLT3-D835I DIMSDSNYV\	224	>FLT3-D835I IIMSDSNYVV	17	207
>FLT3-D835I DIMSDSNYV	200	>FLT3-D835I IIMSDSNYV	3	197
>FLT3-D835I DIMSDSNYV\	84	>FLT3-D835I IIMSDSNYVV	13	71
>FLT3-D835I DIMSDSNYV	621	>FLT3-D835I IIMSDSNYV	5	616
>FLT3-D835I DIMSDSNYV\	282	>FLT3-D835I IIMSDSNYVV	37	245
>FLT3-D835I DIMSDSNYV	710	>FLT3-D835I IIMSDSNYV	10	700
>FLT3-D835I DIMSDSNYV\	235	>FLT3-D835I IIMSDSNYVV	39	196
>FLT3-D835I DIMSDSNYV	324	>FLT3-D835I IIMSDSNYV	8	316
>FLT3-D835I DIMSDSNYV\	693	>FLT3-D835I IIMSDSNYVV	14	679
>FLT3-D835I DIMSDSNYV	433	>FLT3-D835I IIMSDSNYV	9	424
>FLT3-D835I DIMSDSNYV\	438	>FLT3-D835I IIMSDSNYVV	14	424
>FLT3-D835I DIMSDSNYV	424	>FLT3-D835I IIMSDSNYV	38	386
>FLT3-D835I DIMSDSNYV\	1324	>FLT3-D835I IIMSDSNYVV	104	1220
>FLT3-D835I DIMSDSNYV	8	>FLT3-D835I IIMSDSNYV	2	6
>FLT3-D835I DIMSDSNYV\	16	>FLT3-D835I IIMSDSNYVV	3	13
>FLT3-D835I DIMSDSNYV	355	>FLT3-D835I IIMSDSNYV	7	348
>FLT3-D835I DIMSDSNYV\	492	>FLT3-D835I IIMSDSNYVV	8	484

>FLT3-D835I- DIMSDSNYYV\	7671	>FLT3-D835I- IIMSDSNYYVV	269	7402
>FLT3-D835I- DIMSDSNYY	133	>FLT3-D835I- IIMSDSNYY	7595	7462
>FLT3-D835I- DIMSDSNYY	16	>FLT3-D835I- IIMSDSNYY	196	180
>FLT3-D835I- DIMSDSNYY	258	>FLT3-D835I- IIMSDSNYY	3159	2901
>FLT3-D835I- DIMSDSNYY	730	>FLT3-D835I- IIMSDSNYY	100	630
>FLT3-D835I- DIMSDSNYY	251	>FLT3-D835I- IIMSDSNYY	27	224
>FLT3-D835I- DIMSDSNYYV\	1399	>FLT3-D835I- IIMSDSNYYVV	66	1333
>FLT3-D835I- DIMSDSNYYV\	74	>FLT3-D835I- IIMSDSNYYVV	677	603
>FLT3-D835I- DIMSDSNYY	472	>FLT3-D835I- IIMSDSNYY	1248	776
>FLT3-D835I- DIMSDSNYYV\	16	>FLT3-D835I- IIMSDSNYYVV	31	15
>FLT3-D835I- DIMSDSNYYV	17	>FLT3-D835I- IIMSDSNYYV	33	16
>FLT3-D835I- DIMSDSNYYV\	139	>FLT3-D835I- IIMSDSNYYVV	259	120
>FLT3-D835I- DIMSDSNYYV	7	>FLT3-D835I- IIMSDSNYYV	61	54
>FLT3-D835I- DIMSDSNYYV\	22	>FLT3-D835I- IIMSDSNYYVV	322	300
>FLT3-D835I- DIMSDSNYY	6743	>FLT3-D835I- IIMSDSNYY	461	6282
>FLT3-D835I- DIMSDSNYY	3826	>FLT3-D835I- IIMSDSNYY	119	3707
>FLT3-D835I- DIMSDSNYY	373	>FLT3-D835I- IIMSDSNYY	173	200
>FLT3-D835I- DIMSDSNYY	2433	>FLT3-D835I- IIMSDSNYY	112	2321
>FLT3-D835I- DIMSDSNYY	8497	>FLT3-D835I- IIMSDSNYY	257	8240
>FLT3-D835I- DIMSDSNYY	606	>FLT3-D835I- IIMSDSNYY	444	162
>FLT3-D835I- DIMSDSNYYV\	525	>FLT3-D835I- IIMSDSNYYVV	116	409
>FLT3-D835I- RDIMSDSNYY\	14956	>FLT3-D835I- RIIMSDSNYYV	111	14845
>FLT3-D835I- RDIMSDSNYY\	19023	>FLT3-D835I- RIIMSDSNYYV'	291	18732
>FLT3-D835I- RDIMSDSNYY\	6302	>FLT3-D835I- RIIMSDSNYYV	107	6195
>FLT3-D835I- RDIMSDSNYY\	15594	>FLT3-D835I- RIIMSDSNYYV'	444	15150
>FLT3-D835I- RDIMSDSNYY\	8740	>FLT3-D835I- RIIMSDSNYYV	45	8695
>FLT3-D835I- RDIMSDSNYY\	15234	>FLT3-D835I- RIIMSDSNYYV'	74	15160
>FLT3-D835I- RDIMSDSNYY\	4140	>FLT3-D835I- RIIMSDSNYYV	77	4063
>FLT3-D835I- RDIMSDSNYY\	7541	>FLT3-D835I- RIIMSDSNYYV'	71	7470
>FLT3-D835I- RDIMSDSNYY\	12877	>FLT3-D835I- RIIMSDSNYYV	42	12835
>FLT3-D835I- RDIMSDSNYY\	14848	>FLT3-D835I- RIIMSDSNYYV'	83	14765
>FLT3-D835I- RDIMSDSNYY\	15003	>FLT3-D835I- RIIMSDSNYYV	65	14938
>FLT3-D835I- RDIMSDSNYY\	13969	>FLT3-D835I- RIIMSDSNYYV'	84	13885
>FLT3-D835I- RDIMSDSNYY\	17244	>FLT3-D835I- RIIMSDSNYYV	120	17124
>FLT3-D835I- RDIMSDSNYY\	19966	>FLT3-D835I- RIIMSDSNYYV'	384	19582
>FLT3-D835I- RDIMSDSNYY\	21663	>FLT3-D835I- RIIMSDSNYYV	32	21631
>FLT3-D835I- RDIMSDSNYY\	23091	>FLT3-D835I- RIIMSDSNYYV'	44	23047
>FLT3-D835I- RDIMSDSNYY	8085	>FLT3-D835I- RIIMSDSNYY	69	8016
>FLT3-D835I- RDIMSDSNYY	3416	>FLT3-D835I- RIIMSDSNYY	389	3027
>FLT3-D835I- RDIMSDSNYY	6167	>FLT3-D835I- RIIMSDSNYY	473	5694
>FLT3-D835I- RDIMSDSNYY	1670	>FLT3-D835I- RIIMSDSNYY	65	1605
>FLT3-D835I- RDIMSDSNYY\	14270	>FLT3-D835I- RIIMSDSNYYV	419	13851
>FLT3-D835I- RDIMSDSNYY	5320	>FLT3-D835I- RIIMSDSNYY	308	5012

>FLT3-D835I-RDIMSDSNY	1403	>FLT3-D835I-RIIMSDSNY	57	1346
>FLT3-D835I-RDIMSDSNY	384	>FLT3-D835I-RIIMSDSNY	93	291
>FLT3-D835I-RDIMSDSNY	662	>FLT3-D835I-RIIMSDSNY	8	654
>FLT3-D835I-RDIMSDSNY\	207	>FLT3-D835I-RIIMSDSNYV'	30346	30139
>FLT3-D835I-RDIMSDSNY	551	>FLT3-D835I-RIIMSDSNY	190	361
>FLT3-D835I-RDIMSDSNY\	121	>FLT3-D835I-RIIMSDSNYV	20076	19955
>FLT3-D835I-RDIMSDSNY\	47	>FLT3-D835I-RIIMSDSNYV'	11787	11740
>FLT3-D835I-ARDIMSDSN\	207	>FLT3-D835I-ARIIMSDSNY	101	106
>FLT3-D835I-ARDIMSDSN\	1382	>FLT3-D835I-ARIIMSDSNY	86	1296
>FLT3-D835I-ARDIMSDSN\	185	>FLT3-D835I-ARIIMSDSNY	39	146
>FLT3-D835I-LARDIMSDSN	168	>FLT3-D835I-LARIIMSDSN'	164	4
>FLT3-D835I-LARDIMSDSN	146	>FLT3-D835I-LARIIMSDSN'	320	174
>FLT3-D835I-LARDIMSDSN	119	>FLT3-D835I-LARIIMSDSN'	172	53
>FLT3-D835I-LARDIMSDSN	5	>FLT3-D835I-LARIIMSDSN'	5	0
>FLT3-D835I-LARDIMSDSN	106	>FLT3-D835I-LARIIMSDSN'	194	88
>FLT3-D835I-LARDIMSDSN	12	>FLT3-D835I-LARIIMSDSN'	19	7
>FLT3-D835I-GLARDIMS	3150	>FLT3-D835I-GLARIIMS	398	2752
>FLT3-D835I-CDFGLARDI	970	>FLT3-D835I-CDFGLARII	321	649
>FLT3-D835I-CDFGLARD	41836	>FLT3-D835I-CDFGLARI	305	41531
>FLT3-D835I-CDFGLARDI	1651	>FLT3-D835I-CDFGLARII	460	1191
>FLT3-D835I-CDFGLARD	22993	>FLT3-D835I-CDFGLARI	73	22920
>FLT3-D835I-CDFGLARDI	84	>FLT3-D835I-CDFGLARII	42	42
>FLT3-D835I-ICDFGLARDIM	428	>FLT3-D835I-ICDFGLARIIM	501	73
>FLT3-D835I-KICDFGLARD	15591	>FLT3-D835I-KICDFGLARI	155	15436
>FLT3-D835I-KICDFGLARD	13579	>FLT3-D835I-KICDFGLARI	66	13513
>FLT3-D835I-KICDFGLARD	17356	>FLT3-D835I-KICDFGLARI	250	17106
>FLT3-D835I-KICDFGLARD	16074	>FLT3-D835I-KICDFGLARI	48	16026
>FLT3-D835I-KICDFGLARD	25897	>FLT3-D835I-KICDFGLARI	253	25644
>FLT3-D835I-KICDFGLARD	14521	>FLT3-D835I-KICDFGLARI	257	14264
>FLT3-D835I-KICDFGLARD	109	>FLT3-D835I-KICDFGLARII	96	13
>FLT3-D835\NDIMSDSNYV	3034	>FLT3-D835\NIMSDSNYV	40	2994
>FLT3-D835\NDIMSDSNYV\	224	>FLT3-D835\NIMSDSNYV\	35	189
>FLT3-D835\NDIMSDSNYV	200	>FLT3-D835\NIMSDSNYV	7	193
>FLT3-D835\NDIMSDSNYV\	84	>FLT3-D835\NIMSDSNYV\	21	63
>FLT3-D835\NDIMSDSNYV	621	>FLT3-D835\NIMSDSNYV	10	611
>FLT3-D835\NDIMSDSNYV\	282	>FLT3-D835\NIMSDSNYV\	63	219
>FLT3-D835\NDIMSDSNYV	710	>FLT3-D835\NIMSDSNYV	26	684
>FLT3-D835\NDIMSDSNYV\	235	>FLT3-D835\NIMSDSNYV\	63	172
>FLT3-D835\NDIMSDSNYV	324	>FLT3-D835\NIMSDSNYV	42	282
>FLT3-D835\NDIMSDSNYV\	693	>FLT3-D835\NIMSDSNYV\	92	601
>FLT3-D835\NDIMSDSNYV	433	>FLT3-D835\NIMSDSNYV	15	418
>FLT3-D835\NDIMSDSNYV\	438	>FLT3-D835\NIMSDSNYV\	21	417
>FLT3-D835\NDIMSDSNYV	424	>FLT3-D835\NIMSDSNYV	159	265

>FLT3-D835N DIMSDSNV	8	>FLT3-D835N NIMSDSNV	5	3
>FLT3-D835N DIMSDSNV\	16	>FLT3-D835N NIMSDSNV\	7	9
>FLT3-D835N DIMSDSNV	355	>FLT3-D835N NIMSDSNV	58	297
>FLT3-D835N DIMSDSNV\	492	>FLT3-D835N NIMSDSNV\	91	401
>FLT3-D835N DIMSDSNY	133	>FLT3-D835N NIMSDSNY	881	748
>FLT3-D835N DIMSDSNY	16	>FLT3-D835N NIMSDSNY	103	87
>FLT3-D835N DIMSDSNY	258	>FLT3-D835N NIMSDSNY	1060	802
>FLT3-D835N DIMSDSNY	730	>FLT3-D835N NIMSDSNY	390	340
>FLT3-D835N DIMSDSNY	251	>FLT3-D835N NIMSDSNY	166	85
>FLT3-D835N DIMSDSNV\	1399	>FLT3-D835N NIMSDSNV\	351	1048
>FLT3-D835N DIMSDSNV\	74	>FLT3-D835N NIMSDSNV\	366	292
>FLT3-D835N DIMSDSNY	472	>FLT3-D835N NIMSDSNY	631	159
>FLT3-D835N DIMSDSNV\	16	>FLT3-D835N NIMSDSNV\	18	2
>FLT3-D835N DIMSDSNV	17	>FLT3-D835N NIMSDSNV	12	5
>FLT3-D835N DIMSDSNV\	139	>FLT3-D835N NIMSDSNV\	65	74
>FLT3-D835N DIMSDSNV	7	>FLT3-D835N NIMSDSNV	7	0
>FLT3-D835N DIMSDSNV\	22	>FLT3-D835N NIMSDSNV\	20	2
>FLT3-D835N DIMSDSNY	3826	>FLT3-D835N NIMSDSNY	350	3476
>FLT3-D835N DIMSDSNY	373	>FLT3-D835N NIMSDSNY	120	253
>FLT3-D835N DIMSDSNY	606	>FLT3-D835N NIMSDSNY	465	141
>FLT3-D835N DIMSDSNV\	525	>FLT3-D835N NIMSDSNV\	152	373
>FLT3-D835N RDIMSDSNY	1670	>FLT3-D835N RNIMSDSNY	421	1249
>FLT3-D835N RDIMSDSNY	1403	>FLT3-D835N RNIMSDSNY	230	1173
>FLT3-D835N RDIMSDSNY	384	>FLT3-D835N RNIMSDSNY	76	308
>FLT3-D835N RDIMSDSNY	662	>FLT3-D835N RNIMSDSNY	90	572
>FLT3-D835N RDIMSDSNY\	207	>FLT3-D835N RNIMSDSNY\	9620	9413
>FLT3-D835N RDIMSDSNY	551	>FLT3-D835N RNIMSDSNY	240	311
>FLT3-D835N RDIMSDSNY\	121	>FLT3-D835N RNIMSDSNY\	6776	6655
>FLT3-D835N RDIMSDSNY\	47	>FLT3-D835N RNIMSDSNY\	2295	2248
>FLT3-D835N ARDIMSDSN\	207	>FLT3-D835N ARNIMSDSN\	275	68
>FLT3-D835N ARDIMSDSN\	1382	>FLT3-D835N ARNIMSDSN\	139	1243
>FLT3-D835N ARDIMSDSN\	185	>FLT3-D835N ARNIMSDSN\	93	92
>FLT3-D835N LARDIMSDSN	168	>FLT3-D835N LARNIMSDSN	139	29
>FLT3-D835N LARDIMSDSN	146	>FLT3-D835N LARNIMSDSN	147	1
>FLT3-D835N LARDIMSDSN	119	>FLT3-D835N LARNIMSDSN	46	73
>FLT3-D835N LARDIMSDSN	5	>FLT3-D835N LARNIMSDSN	7	2
>FLT3-D835N LARDIMSDSN	106	>FLT3-D835N LARNIMSDSN	142	36
>FLT3-D835N LARDIMSDSN	12	>FLT3-D835N LARNIMSDSN	8	4
>FLT3-D835N CDFGLARDI	84	>FLT3-D835N CDFGLARNI	72	12
>FLT3-D835N ICDFGLARDI\	428	>FLT3-D835N ICDFGLARNI\	248	180
>FLT3-D835N KICDFGLARD	997	>FLT3-D835N KICDFGLARN	306	691
>FLT3-D835N KICDFGLARD	109	>FLT3-D835N KICDFGLARN	98	11
>FLT3-D835V DIMSDSNV	3034	>FLT3-D835V VIMSDSNV	17	3017

>FLT3-D835V DIMSDSNV\	224	>FLT3-D835V VIMSDSNV\	32	192
>FLT3-D835V DIMSDSNV	200	>FLT3-D835V VIMSDSNV	4	196
>FLT3-D835V DIMSDSNV\	84	>FLT3-D835V VIMSDSNV\	25	59
>FLT3-D835V DIMSDSNV	621	>FLT3-D835V VIMSDSNV	6	615
>FLT3-D835V DIMSDSNV\	282	>FLT3-D835V VIMSDSNV\	77	205
>FLT3-D835V DIMSDSNV	710	>FLT3-D835V VIMSDSNV	10	700
>FLT3-D835V DIMSDSNV\	235	>FLT3-D835V VIMSDSNV\	64	171
>FLT3-D835V DIMSDSNV	324	>FLT3-D835V VIMSDSNV	6	318
>FLT3-D835V DIMSDSNV\	693	>FLT3-D835V VIMSDSNV\	11	682
>FLT3-D835V DIMSDSNV	433	>FLT3-D835V VIMSDSNV	7	426
>FLT3-D835V DIMSDSNV\	438	>FLT3-D835V VIMSDSNV\	10	428
>FLT3-D835V DIMSDSNV	424	>FLT3-D835V VIMSDSNV	25	399
>FLT3-D835V DIMSDSNV\	1324	>FLT3-D835V VIMSDSNV\	57	1267
>FLT3-D835V DIMSDSNV	8	>FLT3-D835V VIMSDSNV	2	6
>FLT3-D835V DIMSDSNV\	16	>FLT3-D835V VIMSDSNV\	3	13
>FLT3-D835V DIMSDSNV	355	>FLT3-D835V VIMSDSNV	5	350
>FLT3-D835V DIMSDSNV\	492	>FLT3-D835V VIMSDSNV\	7	485
>FLT3-D835V DIMSDSNY	12629	>FLT3-D835V VIMSDSNY	495	12134
>FLT3-D835V DIMSDSNV\	7671	>FLT3-D835V VIMSDSNV\	210	7461
>FLT3-D835V DIMSDSNY	133	>FLT3-D835V VIMSDSNY	10599	10466
>FLT3-D835V DIMSDSNY	16	>FLT3-D835V VIMSDSNY	128	112
>FLT3-D835V DIMSDSNY	258	>FLT3-D835V VIMSDSNY	3403	3145
>FLT3-D835V DIMSDSNY	730	>FLT3-D835V VIMSDSNY	148	582
>FLT3-D835V DIMSDSNY	251	>FLT3-D835V VIMSDSNY	26	225
>FLT3-D835V DIMSDSNV\	1399	>FLT3-D835V VIMSDSNV\	105	1294
>FLT3-D835V DIMSDSNV\	74	>FLT3-D835V VIMSDSNV\	1533	1459
>FLT3-D835V DIMSDSNY	472	>FLT3-D835V VIMSDSNY	4669	4197
>FLT3-D835V DIMSDSNV\	16	>FLT3-D835V VIMSDSNV\	108	92
>FLT3-D835V DIMSDSNV	17	>FLT3-D835V VIMSDSNV	54	37
>FLT3-D835V DIMSDSNV\	139	>FLT3-D835V VIMSDSNV\	369	230
>FLT3-D835V DIMSDSNV	7	>FLT3-D835V VIMSDSNV	72	65
>FLT3-D835V DIMSDSNV\	22	>FLT3-D835V VIMSDSNV\	401	379
>FLT3-D835V DIMSDSNY	6743	>FLT3-D835V VIMSDSNY	285	6458
>FLT3-D835V DIMSDSNY	3826	>FLT3-D835V VIMSDSNY	141	3685
>FLT3-D835V DIMSDSNY	373	>FLT3-D835V VIMSDSNY	186	187
>FLT3-D835V DIMSDSNY	2433	>FLT3-D835V VIMSDSNY	231	2202
>FLT3-D835V DIMSDSNY	8497	>FLT3-D835V VIMSDSNY	435	8062
>FLT3-D835V DIMSDSNV\	525	>FLT3-D835V VIMSDSNV\	311	214
>FLT3-D835V RDIMSDSNY\	14956	>FLT3-D835V RVIMSDSNY\	283	14673
>FLT3-D835V RDIMSDSNY\	6302	>FLT3-D835V RVIMSDSNY\	147	6155
>FLT3-D835V RDIMSDSNY\	8740	>FLT3-D835V RVIMSDSNY\	70	8670
>FLT3-D835V RDIMSDSNY\	15234	>FLT3-D835V RVIMSDSNY\	228	15006
>FLT3-D835V RDIMSDSNY\	4140	>FLT3-D835V RVIMSDSNY\	78	4062

>FLT3-D835V RDIMSDSN\	7541	>FLT3-D835V RVIMSDSN\	67	7474
>FLT3-D835V RDIMSDSN\	12877	>FLT3-D835V RVIMSDSN\	128	12749
>FLT3-D835V RDIMSDSN\	14848	>FLT3-D835V RVIMSDSN\	275	14573
>FLT3-D835V RDIMSDSN\	15003	>FLT3-D835V RVIMSDSN\	134	14869
>FLT3-D835V RDIMSDSN\	13969	>FLT3-D835V RVIMSDSN\	169	13800
>FLT3-D835V RDIMSDSN\	17244	>FLT3-D835V RVIMSDSN\	355	16889
>FLT3-D835V RDIMSDSN\	21663	>FLT3-D835V RVIMSDSN\	81	21582
>FLT3-D835V RDIMSDSN\	23091	>FLT3-D835V RVIMSDSN\	122	22969
>FLT3-D835V RDIMSDSN	22586	>FLT3-D835V RVIMSDSN	299	22287
>FLT3-D835V RDIMSDSN	8085	>FLT3-D835V RVIMSDSN	22	8063
>FLT3-D835V RDIMSDSN	3416	>FLT3-D835V RVIMSDSN	105	3311
>FLT3-D835V RDIMSDSN	6167	>FLT3-D835V RVIMSDSN	231	5936
>FLT3-D835V RDIMSDSN\	12158	>FLT3-D835V RVIMSDSN\	190	11968
>FLT3-D835V RDIMSDSN	1670	>FLT3-D835V RVIMSDSN	53	1617
>FLT3-D835V RDIMSDSN\	14270	>FLT3-D835V RVIMSDSN\	181	14089
>FLT3-D835V RDIMSDSN\	16215	>FLT3-D835V RVIMSDSN\	182	16033
>FLT3-D835V RDIMSDSN	5320	>FLT3-D835V RVIMSDSN	121	5199
>FLT3-D835V RDIMSDSN	1403	>FLT3-D835V RVIMSDSN	59	1344
>FLT3-D835V RDIMSDSN	384	>FLT3-D835V RVIMSDSN	115	269
>FLT3-D835V RDIMSDSN	662	>FLT3-D835V RVIMSDSN	5	657
>FLT3-D835V RDIMSDSN	4540	>FLT3-D835V RVIMSDSN	434	4106
>FLT3-D835V RDIMSDSN\	207	>FLT3-D835V RVIMSDSN\	27239	27032
>FLT3-D835V RDIMSDSN	18547	>FLT3-D835V RVIMSDSN	325	18222
>FLT3-D835V RDIMSDSN	551	>FLT3-D835V RVIMSDSN	44	507
>FLT3-D835V RDIMSDSN\	121	>FLT3-D835V RVIMSDSN\	21988	21867
>FLT3-D835V RDIMSDSN\	47	>FLT3-D835V RVIMSDSN\	13826	13779
>FLT3-D835V ARDIMSDSN\	207	>FLT3-D835V ARVIMSDSN\	173	34
>FLT3-D835V ARDIMSDSN\	1382	>FLT3-D835V ARVIMSDSN\	115	1267
>FLT3-D835V ARDIMSDSN\	185	>FLT3-D835V ARVIMSDSN\	57	128
>FLT3-D835V LARDIMSDSN	168	>FLT3-D835V LARVIMSDSN	189	21
>FLT3-D835V LARDIMSDSN	146	>FLT3-D835V LARVIMSDSN	259	113
>FLT3-D835V LARDIMSDSN	119	>FLT3-D835V LARVIMSDSN	89	30
>FLT3-D835V LARDIMSDSN	5	>FLT3-D835V LARVIMSDSN	6	1
>FLT3-D835V LARDIMSDSN	106	>FLT3-D835V LARVIMSDSN	180	74
>FLT3-D835V LARDIMSDSN	12	>FLT3-D835V LARVIMSDSN	17	5
>FLT3-D835V CDFGLARDI	970	>FLT3-D835V CDFGLARVI	378	592
>FLT3-D835V CDFGLARDI	2057	>FLT3-D835V CDFGLARVI	450	1607
>FLT3-D835V CDFGLARDI	1651	>FLT3-D835V CDFGLARVI	329	1322
>FLT3-D835V CDFGLARD	22993	>FLT3-D835V CDFGLARV	141	22852
>FLT3-D835V CDFGLARDI	84	>FLT3-D835V CDFGLARVI	47	37
>FLT3-D835V ICDFGLARD	29870	>FLT3-D835V ICDFGLARV	395	29475
>FLT3-D835V ICDFGLARDIM	428	>FLT3-D835V ICDFGLARVIN	543	115
>FLT3-D835V KICDFGLARD	21510	>FLT3-D835V KICDFGLARV	100	21410



>FLT3-D835V KICDFGLARD	15591	>FLT3-D835V KICDFGLARV	81	15510
>FLT3-D835V KICDFGLARD	13579	>FLT3-D835V KICDFGLARV	26	13553
>FLT3-D835V KICDFGLARD	17356	>FLT3-D835V KICDFGLARV	78	17278
>FLT3-D835V KICDFGLARD	16074	>FLT3-D835V KICDFGLARV	6	16068
>FLT3-D835V KICDFGLARD	997	>FLT3-D835V KICDFGLARV	282	715
>FLT3-D835V KICDFGLARD	25536	>FLT3-D835V KICDFGLARV	179	25357
>FLT3-D835V KICDFGLARD	26345	>FLT3-D835V KICDFGLARV	474	25871
>FLT3-D835V KICDFGLARD	25897	>FLT3-D835V KICDFGLARV	5	25892
>FLT3-D835V KICDFGLARD	109	>FLT3-D835V KICDFGLARV	76	33
>FLT3-D835Y DIMSDSNV	3034	>FLT3-D835Y YIMSDSNV	7	3027
>FLT3-D835Y DIMSDSNV	224	>FLT3-D835Y YIMSDSNV	7	217
>FLT3-D835Y DIMSDSNV	200	>FLT3-D835Y YIMSDSNV	2	198
>FLT3-D835Y DIMSDSNV	84	>FLT3-D835Y YIMSDSNV	7	77
>FLT3-D835Y DIMSDSNV	621	>FLT3-D835Y YIMSDSNV	3	618
>FLT3-D835Y DIMSDSNV	282	>FLT3-D835Y YIMSDSNV	15	267
>FLT3-D835Y DIMSDSNV	710	>FLT3-D835Y YIMSDSNV	4	706
>FLT3-D835Y DIMSDSNV	235	>FLT3-D835Y YIMSDSNV	19	216
>FLT3-D835Y DIMSDSNV	324	>FLT3-D835Y YIMSDSNV	2	322
>FLT3-D835Y DIMSDSNV	693	>FLT3-D835Y YIMSDSNV	3	690
>FLT3-D835Y DIMSDSNV	433	>FLT3-D835Y YIMSDSNV	3	430
>FLT3-D835Y DIMSDSNV	438	>FLT3-D835Y YIMSDSNV	3	435
>FLT3-D835Y DIMSDSNV	424	>FLT3-D835Y YIMSDSNV	9	415
>FLT3-D835Y DIMSDSNV	1324	>FLT3-D835Y YIMSDSNV	14	1310
>FLT3-D835Y DIMSDSNV	8	>FLT3-D835Y YIMSDSNV	2	6
>FLT3-D835Y DIMSDSNV	16	>FLT3-D835Y YIMSDSNV	2	14
>FLT3-D835Y DIMSDSNV	355	>FLT3-D835Y YIMSDSNV	2	353
>FLT3-D835Y DIMSDSNV	492	>FLT3-D835Y YIMSDSNV	3	489
>FLT3-D835Y DIMSDSNV	133	>FLT3-D835Y YIMSDSNV	226	93
>FLT3-D835Y DIMSDSNV	16	>FLT3-D835Y YIMSDSNV	15	1
>FLT3-D835Y DIMSDSNV	258	>FLT3-D835Y YIMSDSNV	1702	1444
>FLT3-D835Y DIMSDSNV	730	>FLT3-D835Y YIMSDSNV	24	706
>FLT3-D835Y DIMSDSNV	251	>FLT3-D835Y YIMSDSNV	91	160
>FLT3-D835Y DIMSDSNV	1399	>FLT3-D835Y YIMSDSNV	128	1271
>FLT3-D835Y DIMSDSNV	74	>FLT3-D835Y YIMSDSNV	490	416
>FLT3-D835Y DIMSDSNV	472	>FLT3-D835Y YIMSDSNV	350	122
>FLT3-D835Y DIMSDSNV	16	>FLT3-D835Y YIMSDSNV	11	5
>FLT3-D835Y DIMSDSNV	17	>FLT3-D835Y YIMSDSNV	12	5
>FLT3-D835Y DIMSDSNV	139	>FLT3-D835Y YIMSDSNV	42	97
>FLT3-D835Y DIMSDSNV	7	>FLT3-D835Y YIMSDSNV	6	1
>FLT3-D835Y DIMSDSNV	22	>FLT3-D835Y YIMSDSNV	13	9
>FLT3-D835Y DIMSDSNV	6743	>FLT3-D835Y YIMSDSNV	134	6609
>FLT3-D835Y DIMSDSNV	3826	>FLT3-D835Y YIMSDSNV	56	3770
>FLT3-D835Y DIMSDSNV	15261	>FLT3-D835Y YIMSDSNV	455	14806

>FLT3-D835Y DIMSDSNY	373	>FLT3-D835Y YIMSDSNY	39	334
>FLT3-D835Y DIMSDSNY	2433	>FLT3-D835Y YIMSDSNY	47	2386
>FLT3-D835Y DIMSDSNYV\	8262	>FLT3-D835Y YIMSDSNYV\	300	7962
>FLT3-D835Y DIMSDSNY	8497	>FLT3-D835Y YIMSDSNY	157	8340
>FLT3-D835Y DIMSDSNY	606	>FLT3-D835Y YIMSDSNY	64	542
>FLT3-D835Y DIMSDSNYV\	5917	>FLT3-D835Y YIMSDSNYV\	191	5726
>FLT3-D835Y DIMSDSNY	10280	>FLT3-D835Y YIMSDSNY	398	9882
>FLT3-D835Y DIMSDSNYV\	525	>FLT3-D835Y YIMSDSNYV\	139	386
>FLT3-D835Y RDIMSDSNY\	25997	>FLT3-D835Y RYIMSDSNYV	57	25940
>FLT3-D835Y RDIMSDSNY\	27315	>FLT3-D835Y RYIMSDSNYV	136	27179
>FLT3-D835Y RDIMSDSNY\	23080	>FLT3-D835Y RYIMSDSNYV	254	22826
>FLT3-D835Y RDIMSDSNY\	24559	>FLT3-D835Y RYIMSDSNYV	66	24493
>FLT3-D835Y RDIMSDSNY\	25519	>FLT3-D835Y RYIMSDSNYV	136	25383
>FLT3-D835Y RDIMSDSNY	6167	>FLT3-D835Y RYIMSDSNY	210	5957
>FLT3-D835Y RDIMSDSNY\	12158	>FLT3-D835Y RYIMSDSNYV	252	11906
>FLT3-D835Y RDIMSDSNY	1670	>FLT3-D835Y RYIMSDSNY	64	1606
>FLT3-D835Y RDIMSDSNY	5320	>FLT3-D835Y RYIMSDSNY	312	5008
>FLT3-D835Y RDIMSDSNY	384	>FLT3-D835Y RYIMSDSNY	193	191
>FLT3-D835Y RDIMSDSNY\	207	>FLT3-D835Y RYIMSDSNYV	21954	21747
>FLT3-D835Y RDIMSDSNY	8443	>FLT3-D835Y RYIMSDSNY	496	7947
>FLT3-D835Y RDIMSDSNY\	23251	>FLT3-D835Y RYIMSDSNYV	100	23151
>FLT3-D835Y RDIMSDSNY\	121	>FLT3-D835Y RYIMSDSNYV	21770	21649
>FLT3-D835Y RDIMSDSNY\	47	>FLT3-D835Y RYIMSDSNYV	14598	14551
>FLT3-D835Y VKICDFGLAR\	34637	>FLT3-D835Y VKICDFGLAR'	332	34305
>FLT3-D835Y VKICDFGLAR\	26510	>FLT3-D835Y VKICDFGLAR'	388	26122
>FLT3-D835Y VKICDFGLAR\	30174	>FLT3-D835Y VKICDFGLAR'	324	29850
>FLT3-D835Y VKICDFGLAR\	19748	>FLT3-D835Y VKICDFGLAR'	54	19694
>FLT3-D835Y ARDIMSDSNY\	207	>FLT3-D835Y ARYIMSDSNY	52	155
>FLT3-D835Y ARDIMSDSNY\	1382	>FLT3-D835Y ARYIMSDSNY	31	1351
>FLT3-D835Y ARDIMSDSNY\	7381	>FLT3-D835Y ARYIMSDSNY	263	7118
>FLT3-D835Y ARDIMSDSNY\	185	>FLT3-D835Y ARYIMSDSNY	36	149
>FLT3-D835Y ARDIMSDSNY\	2239	>FLT3-D835Y ARYIMSDSNY	168	2071
>FLT3-D835Y LARDIMSDSN	168	>FLT3-D835Y LARYIMSDSN	95	73
>FLT3-D835Y LARDIMSDSN	146	>FLT3-D835Y LARYIMSDSN	141	5
>FLT3-D835Y LARDIMSDSN	119	>FLT3-D835Y LARYIMSDSN	42	77
>FLT3-D835Y LARDIMSDSN	5	>FLT3-D835Y LARYIMSDSN	8	3
>FLT3-D835Y LARDIMSDSN	106	>FLT3-D835Y LARYIMSDSN	137	31
>FLT3-D835Y LARDIMSDSN	12	>FLT3-D835Y LARYIMSDSN	10	2
>FLT3-D835Y CDFGLARDI	970	>FLT3-D835Y CDFGLARYI	180	790
>FLT3-D835Y CDFGLARD	38205	>FLT3-D835Y CDFGLARY	415	37790
>FLT3-D835Y CDFGLARDI	84	>FLT3-D835Y CDFGLARYI	71	13
>FLT3-D835Y ICDFGLARD	23535	>FLT3-D835Y ICDFGLARY	433	23102
>FLT3-D835Y ICDFGLARD	29492	>FLT3-D835Y ICDFGLARY	328	29164

>FLT3-D835Y ICDFGLARD	22037	>FLT3-D835Y ICDFGLARY	123	21914
>FLT3-D835Y ICDFGLARDIM	428	>FLT3-D835Y ICDFGLARYIM	488	60
>FLT3-D835Y KICDFGLARD	1817	>FLT3-D835Y KICDFGLARYI	185	1632
>FLT3-D835Y KICDFGLARD	997	>FLT3-D835Y KICDFGLARYI	40	957
>FLT3-D835Y KICDFGLARD	14395	>FLT3-D835Y KICDFGLARY	102	14293
>FLT3-D835Y KICDFGLARD	33996	>FLT3-D835Y KICDFGLARY	326	33670
>FLT3-D835Y KICDFGLARD	3284	>FLT3-D835Y KICDFGLARYI	419	2865
>FLT3-D835Y KICDFGLARD	32006	>FLT3-D835Y KICDFGLARY	374	31632
>FLT3-D835Y KICDFGLARD	109	>FLT3-D835Y KICDFGLARYI	267	158
>FLT3-D835Y KICDFGLARD	24872	>FLT3-D835Y KICDFGLARY	38	24834
>FLT3-D835Y KICDFGLARD	19581	>FLT3-D835Y KICDFGLARY	183	19398
>FLT3-D835Y KICDFGLARD	19830	>FLT3-D835Y KICDFGLARY	75	19755
>FLT3-E598G EYDLKWEF	538	>FLT3-E598G GYDLKWEF	255	283
>FLT3-E598G EYDLKWEF	425	>FLT3-E598G GYDLKWEF	801	376
>FLT3-E598G EYDLKWEF	72	>FLT3-E598G GYDLKWEF	25	47
>FLT3-E598G EYDLKWEFPF	148	>FLT3-E598G GYDLKWEFPF	1185	1037
>FLT3-E598G EYDLKWEFPF	33	>FLT3-E598G GYDLKWEFPF	116	83
>FLT3-E598G YEYDLKWE	239	>FLT3-E598G YGYDLKWE	39488	39249
>FLT3-E598G YEYDLKWEF	88	>FLT3-E598G YGYDLKWEF	22383	22295
>FLT3-E598G YEYDLKWEFF	337	>FLT3-E598G YGYDLKWEFF	28714	28377
>FLT3-E598G YEYDLKWEF	431	>FLT3-E598G YGYDLKWEF	556	125
>FLT3-E598G YEYDLKWEF	371	>FLT3-E598G YGYDLKWEF	365	6
>FLT3-E598G YEYDLKWEFF	388	>FLT3-E598G YGYDLKWEFF	43	345
>FLT3-E598G YEYDLKWEFF	162	>FLT3-E598G YGYDLKWEFF	384	222
>FLT3-E598G YEYDLKWEFF	165	>FLT3-E598G YGYDLKWEFF	64	101
>FLT3-E598G YEYDLKWEF	72	>FLT3-E598G YGYDLKWEF	364	292
>FLT3-E598G YEYDLKWEF	8622	>FLT3-E598G YGYDLKWEF	82	8540
>FLT3-E598G YEYDLKWEF	3	>FLT3-E598G YGYDLKWEF	1217	1214
>FLT3-E598G YEYDLKWEFF	35	>FLT3-E598G YGYDLKWEFF	16221	16186
>FLT3-E598G YEYDLKWEF	1250	>FLT3-E598G YGYDLKWEF	118	1132
>FLT3-E598G YEYDLKWEF	49	>FLT3-E598G YGYDLKWEF	21078	21029
>FLT3-E598G YEYDLKWEF	32	>FLT3-E598G YGYDLKWEF	18575	18543
>FLT3-E598G YEYDLKWEFF	424	>FLT3-E598G YGYDLKWEFF	39033	38609
>FLT3-E598G YEYDLKWEF	165	>FLT3-E598G YGYDLKWEF	19585	19420
>FLT3-E598G YEYDLKWEF	39	>FLT3-E598G YGYDLKWEF	27830	27791
>FLT3-E598G YEYDLKWEF	30	>FLT3-E598G YGYDLKWEF	26214	26184
>FLT3-E598G YEYDLKWEFF	113	>FLT3-E598G YGYDLKWEFF	34609	34496
>FLT3-E598G YEYDLKWEFF	33	>FLT3-E598G YGYDLKWEFF	28	5
>FLT3-E598G EYFYVDFREYI	313	>FLT3-E598G EYFYVDFREYI	3876	3563
>FLT3-E598G EYFYDLKWEF	94	>FLT3-E598G EYGYDLKWEI	103	9
>FLT3-E598G EYFYDLKWEF	147	>FLT3-E598G EYGYDLKWEI	142	5
>FLT3-E598G EYFYDLKW	1013	>FLT3-E598G EYGYDLKW	213	800
>FLT3-E598G EYFYDLKWEF	33	>FLT3-E598G EYGYDLKWEI	16	17

>FLT3-E598G EYEYDLKWEF	1895	>FLT3-E598G EYGYDLKWEI	453	1442
>FLT3-E598G REYEYDLKWE	889	>FLT3-E598G REYGYDLKWI	412	477
>FLT3-E598G REYEYDLKWE	29	>FLT3-E598G REYGYDLKWI	62	33
>FLT3-E598G REYEYDLKW	39	>FLT3-E598G REYGYDLKW	124	85
>FLT3-E598G REYEYDLKW	117	>FLT3-E598G REYGYDLKW	260	143
>FLT3-E598G REYEYDLKWE	8	>FLT3-E598G REYGYDLKWI	10	2
>FLT3-E598G REYEYDLKW	559	>FLT3-E598G REYGYDLKW	312	247
>FLT3-E598G REYEYDLKWE	23	>FLT3-E598G REYGYDLKWI	15	8
>FLT3-E598G REYEYDLKW	301	>FLT3-E598G REYGYDLKW	327	26
>FLT3-E598G REYEYDLKWE	17	>FLT3-E598G REYGYDLKWI	19	2
>FLT3-E598G REYEYDLKW	165	>FLT3-E598G REYGYDLKW	403	238
>FLT3-E598G REYEYDLKWE	344	>FLT3-E598G REYGYDLKWI	711	367
>FLT3-E598G REYEYDLKW	12	>FLT3-E598G REYGYDLKW	15	3
>FLT3-E598G REYEYDLKWE	22	>FLT3-E598G REYGYDLKWI	25	3
>FLT3-E598G REYEYDLKWE	678	>FLT3-E598G REYGYDLKWI	482	196
>FLT3-E598G REYEYDLKW	1016	>FLT3-E598G REYGYDLKW	470	546
>FLT3-E598G REYEYDLKW	58	>FLT3-E598G REYGYDLKW	49	9
>FLT3-E598G REYEYDLKW	22	>FLT3-E598G REYGYDLKW	88	66
>FLT3-E598G REYEYDLKWE	16	>FLT3-E598G REYGYDLKWI	54	38
>FLT3-E598G REYEYDLKW	284	>FLT3-E598G REYGYDLKW	451	167
>FLT3-E598G REYEYDLKW	55	>FLT3-E598G REYGYDLKW	23	32
>FLT3-E598G FREYEYDL	227	>FLT3-E598G FREYGYDL	102	125
>FLT3-E598G FREYEYDLKW	69	>FLT3-E598G FREYGYDLKW	74	5
>FLT3-E598G FREYEYDLKW	222	>FLT3-E598G FREYGYDLKW	288	66
>FLT3-E598G VDFREYEYDL	411	>FLT3-E598G VDFREYGYDL	482	71
>FLT3-E598G YVDFREYEY	20	>FLT3-E598G YVDFREYGY	21	1
>FLT3-E598G YVDFREYEYD	212	>FLT3-E598G YVDFREYGYD	290	78
>FLT3-E598G YVDFREYEYD	475	>FLT3-E598G YVDFREYGYD	511	36
>FLT3-E598G YVDFREYEYD	774	>FLT3-E598G YVDFREYGYD	457	317
>FLT3-E598G YVDFREYEYD	419	>FLT3-E598G YVDFREYGYD	304	115
>FLT3-E598G YVDFREYEYD	244	>FLT3-E598G YVDFREYGYD	172	72
>FLT3-E598G YVDFREYEY	38	>FLT3-E598G YVDFREYGY	57	19
>FLT3-E598G YVDFREYEY	274	>FLT3-E598G YVDFREYGY	273	1
>FLT3-E598G YVDFREYEY	20	>FLT3-E598G YVDFREYGY	42	22
>FLT3-E598G YVDFREYEY	90	>FLT3-E598G YVDFREYGY	307	217
>FLT3-E598G YVDFREYEY	18	>FLT3-E598G YVDFREYGY	22	4
>FLT3-E598G FYVDFREYEY	404	>FLT3-E598G FYVDFREYGY	690	286
>FLT3-E598G FYVDFREYEY	271	>FLT3-E598G FYVDFREYGY	1002	731
>FLT3-E598G FYVDFREYEY	24	>FLT3-E598G FYVDFREYGY	22	2
>FLT3-E598G FYVDFREYEY	68	>FLT3-E598G FYVDFREYGY	116	48
>FLT3-E598G FYVDFREYE	849	>FLT3-E598G FYVDFREYG	485	364
>FLT3-E598G YFYVDFREYE'	6	>FLT3-E598G YFYVDFREYG	7	1
>FLT3-E598G YFYVDFREYE'	310	>FLT3-E598G YFYVDFREYG	276	34

>FLT3-E598G YFYVDFREYE'	177	>FLT3-E598G YFYVDFREYG	326	149
>FLT3-E598G YFYVDFREYE'	132	>FLT3-E598G YFYVDFREYG	95	37
>FLT3-E598G YFYVDFREYE'	460	>FLT3-E598G YFYVDFREYG	854	394
>FLT3-E598G YFYVDFREYE'	73	>FLT3-E598G YFYVDFREYG	231	158
>FLT3-E598G YFYVDFREYE'	372	>FLT3-E598G YFYVDFREYG	6157	5785
>FLT3-E598G YFYVDFREYE'	312	>FLT3-E598G YFYVDFREYG	341	29
>FLT3-F594L- FREYEYDL	227	>FLT3-F594L- LREYEYDL	3606	3379
>FLT3-F594L- FREYEYDLKW	69	>FLT3-F594L- LREYEYDLKW	156	87
>FLT3-F594L- FREYEYDLKW	222	>FLT3-F594L- LREYEYDLKW	119	103
>FLT3-F594L- DFREYEYDL	26782	>FLT3-F594L- DLREYEYDL	369	26413
>FLT3-F594L- SSDNEYFYVD	375	>FLT3-F594L- SSDNEYFYVD	2430	2055
>FLT3-F594L- VDFREYEYDL	411	>FLT3-F594L- VDLREYEYDL	212	199
>FLT3-F594L- YVDFREYEY	20	>FLT3-F594L- YVDLREYEY	19	1
>FLT3-F594L- YVDFREYEYD	212	>FLT3-F594L- YVDLREYEYD	388	176
>FLT3-F594L- YVDFREYEYD	475	>FLT3-F594L- YVDLREYEYD	790	315
>FLT3-F594L- YVDFREYEYD	419	>FLT3-F594L- YVDLREYEYD	907	488
>FLT3-F594L- YVDFREYEYD	244	>FLT3-F594L- YVDLREYEYD	400	156
>FLT3-F594L- YVDFREYEY	38	>FLT3-F594L- YVDLREYEY	93	55
>FLT3-F594L- YVDFREYEY	274	>FLT3-F594L- YVDLREYEY	882	608
>FLT3-F594L- YVDFREYEY	20	>FLT3-F594L- YVDLREYEY	71	51
>FLT3-F594L- YVDFREYEY	90	>FLT3-F594L- YVDLREYEY	102	12
>FLT3-F594L- YVDFREYEY	18	>FLT3-F594L- YVDLREYEY	45	27
>FLT3-F594L- FYVDFREYEY	574	>FLT3-F594L- FYVDLREYEY	434	140
>FLT3-F594L- FYVDFREYEY	404	>FLT3-F594L- FYVDLREYEY	735	331
>FLT3-F594L- FYVDFREY	313	>FLT3-F594L- FYVDLREY	501	188
>FLT3-F594L- FYVDFREYEY	271	>FLT3-F594L- FYVDLREYEY	307	36
>FLT3-F594L- FYVDFREY	377	>FLT3-F594L- FYVDLREY	372	5
>FLT3-F594L- FYVDFREY	713	>FLT3-F594L- FYVDLREY	326	387
>FLT3-F594L- FYVDFREY	15	>FLT3-F594L- FYVDLREY	18	3
>FLT3-F594L- FYVDFREYEY	24	>FLT3-F594L- FYVDLREYEY	50	26
>FLT3-F594L- FYVDFREYEY	68	>FLT3-F594L- FYVDLREYEY	151	83
>FLT3-F594L- YFYVDFREY	2523	>FLT3-F594L- YFYVDLREY	423	2100
>FLT3-F594L- YFYVDFREY	7	>FLT3-F594L- YFYVDLREY	10	3
>FLT3-F594L- YFYVDFREYE'	6	>FLT3-F594L- YFYVDLREYE'	7	1
>FLT3-F594L- YFYVDFREYE'	310	>FLT3-F594L- YFYVDLREYE'	369	59
>FLT3-F594L- YFYVDFREYE'	177	>FLT3-F594L- YFYVDLREYE'	291	114
>FLT3-F594L- YFYVDFREY	461	>FLT3-F594L- YFYVDLREY	1379	918
>FLT3-F594L- YFYVDFREY	102	>FLT3-F594L- YFYVDLREY	112	10
>FLT3-F594L- YFYVDFREYE'	132	>FLT3-F594L- YFYVDLREYE'	146	14
>FLT3-F594L- YFYVDFREY	294	>FLT3-F594L- YFYVDLREY	857	563
>FLT3-F594L- YFYVDFREYE'	460	>FLT3-F594L- YFYVDLREYE'	859	399
>FLT3-F594L- YFYVDFREY	146	>FLT3-F594L- YFYVDLREY	305	159
>FLT3-F594L- YFYVDFREYE'	73	>FLT3-F594L- YFYVDLREYE'	106	33

>FLT3-F594L-YFYVDFREY	411	>FLT3-F594L-YFYVDLREY	413	2
>FLT3-F594L-YFYVDFREYE`	372	>FLT3-F594L-YFYVDLREYE`	392	20
>FLT3-F594L-YFYVDFREYE`	312	>FLT3-F594L-YFYVDLREYE`	215	97
>FLT3-F594L-EYFYVDFREY	355	>FLT3-F594L-EYFYVDLREY	323	32
>FLT3-F594L-EYFYVDFREY	288	>FLT3-F594L-EYFYVDLREY	828	540
>FLT3-F594L-EYFYVDFREY	804	>FLT3-F594L-EYFYVDLREY	409	395
>FLT3-F594L-EYFYVDFREY	18	>FLT3-F594L-EYFYVDLREY	27	9
>FLT3-F594L-EYFYVDFREY	39	>FLT3-F594L-EYFYVDLREY	40	1
>FLT3-F594L-EYFYVDFR	65	>FLT3-F594L-EYFYVDLR	345	280
>FLT3-F594L-EYFYVDFR	6	>FLT3-F594L-EYFYVDLR	10	4
>FLT3-F594L-EYFYVDFR	2	>FLT3-F594L-EYFYVDLR	4	2
>FLT3-F594L-EYFYVDFREYI	313	>FLT3-F594L-EYFYVDLREYI	854	541
>FLT3-F594L-EYFYVDFR	25	>FLT3-F594L-EYFYVDLR	31	6
>FLT3-F594L-NEYFYVDF	1224	>FLT3-F594L-NEYFYVDL	243	981
>FLT3-F594L-NEYFYVDFR	207	>FLT3-F594L-NEYFYVDLR	767	560
>FLT3-F594L-NEYFYVDFRE	63	>FLT3-F594L-NEYFYVDLRE	54	9
>FLT3-F594L-NEYFYVDFR	28	>FLT3-F594L-NEYFYVDLR	69	41
>FLT3-F594L-NEYFYVDF	99	>FLT3-F594L-NEYFYVDL	2219	2120
>FLT3-F594L-NEYFYVDF	9	>FLT3-F594L-NEYFYVDL	47	38
>FLT3-F594L-NEYFYVDFRE	7	>FLT3-F594L-NEYFYVDLRE	8	1
>FLT3-F594L-NEYFYVDF	959	>FLT3-F594L-NEYFYVDL	80	879
>FLT3-F594L-NEYFYVDF	426	>FLT3-F594L-NEYFYVDL	145	281
>FLT3-F594L-NEYFYVDF	447	>FLT3-F594L-NEYFYVDL	2073	1626
>FLT3-F594L-NEYFYVDFRE	293	>FLT3-F594L-NEYFYVDLRE	277	16
>FLT3-F594L-NEYFYVDF	43	>FLT3-F594L-NEYFYVDL	214	171
>FLT3-F594L-NEYFYVDFRE	53	>FLT3-F594L-NEYFYVDLRE	77	24
>FLT3-F594L-NEYFYVDFR	275	>FLT3-F594L-NEYFYVDLR	638	363
>FLT3-F594L-DNEYFYVDFR	198	>FLT3-F594L-DNEYFYVDLR	829	631
>FLT3-F594L-SDNEYFYVDF	355	>FLT3-F594L-SDNEYFYVDL	741	386
>FLT3-F594L-SDNEYFYVDF	371	>FLT3-F594L-SDNEYFYVDL	5268	4897
>FLT3-F594L-SDNEYFYVDF	5592	>FLT3-F594L-SDNEYFYVDL	357	5235
>FLT3-G831E-FGLARDIM	23753	>FLT3-G831E-FELARDIM	487	23266
>FLT3-G831E-FGLARDIM	21321	>FLT3-G831E-FELARDIM	164	21157
>FLT3-G831E-FGLARDIM	36866	>FLT3-G831E-FELARDIM	113	36753
>FLT3-G831E-FGLARDIM	26485	>FLT3-G831E-FELARDIM	159	26326
>FLT3-G831E-CDFGLARDI	970	>FLT3-G831E-CDFELARDI	214	756
>FLT3-G831E-CDFGLARDI	1604	>FLT3-G831E-CDFELARDI	449	1155
>FLT3-G831E-CDFGLARDI	84	>FLT3-G831E-CDFELARDI	47	37
>FLT3-G831E-ICDFGLARDIM	428	>FLT3-G831E-ICDFELARDIM	1090	662
>FLT3-G831E-KICDFGLA	1457	>FLT3-G831E-KICDFELA	473	984
>FLT3-G831E-KICDFGLA	433	>FLT3-G831E-KICDFELA	1259	826
>FLT3-G831E-KICDFGLA	195	>FLT3-G831E-KICDFELA	106	89
>FLT3-G831E-KICDFGLAR	53	>FLT3-G831E-KICDFELAR	81	28

>FLT3-G831E KICDFGLAR	30	>FLT3-G831E KICDFELAR	50	20
>FLT3-G831E KICDFGLARD	109	>FLT3-G831E KICDFELARDI	110	1
>FLT3-G831E KICDFGLAR	14	>FLT3-G831E KICDFELAR	13	1
>FLT3-G831E VKICDFGL	237	>FLT3-G831E VKICDFEL	67	170
>FLT3-G831E VKICDFGLAR	155	>FLT3-G831E VKICDFELAR	161	6
>FLT3-G831E VVKICDFGLA	29	>FLT3-G831E VVKICDFELAF	37	8
>FLT3-G831E VVKICDFGLA	318	>FLT3-G831E VVKICDFELAF	255	63
>FLT3-G831E VVKICDFGLA	441	>FLT3-G831E VVKICDFELAF	253	188
>FLT3-G831E VVKICDFGLA	325	>FLT3-G831E VVKICDFELAF	305	20
>FLT3-G831E KVVKICDFGL	1292	>FLT3-G831E KVVKICDFEL/	393	899
>FLT3-G831E KVVKICDFGL	168	>FLT3-G831E KVVKICDFEL	203	35
>FLT3-G831E KVVKICDFGL	143	>FLT3-G831E KVVKICDFEL/	59	84
>FLT3-I836D- IMSDSNYV	11	>FLT3-I836D- DMSDSNYV	1218	1207
>FLT3-I836D- IMSDSNYVV	12	>FLT3-I836D- DMSDSNYVV	1418	1406
>FLT3-I836D- IMSDSNYV	2	>FLT3-I836D- DMSDSNYV	32	30
>FLT3-I836D- IMSDSNYVV	3	>FLT3-I836D- DMSDSNYVV	87	84
>FLT3-I836D- IMSDSNYVVF	261	>FLT3-I836D- DMSDSNYVV	11821	11560
>FLT3-I836D- IMSDSNYV	3	>FLT3-I836D- DMSDSNYV	130	127
>FLT3-I836D- IMSDSNYVV	6	>FLT3-I836D- DMSDSNYVV	750	744
>FLT3-I836D- IMSDSNYV	9	>FLT3-I836D- DMSDSNYV	1035	1026
>FLT3-I836D- IMSDSNYVV	21	>FLT3-I836D- DMSDSNYVV	3222	3201
>FLT3-I836D- IMSDSNYV	2	>FLT3-I836D- DMSDSNYV	13	11
>FLT3-I836D- IMSDSNYVV	2	>FLT3-I836D- DMSDSNYVV	24	22
>FLT3-I836D- IMSDSNYV	3	>FLT3-I836D- DMSDSNYV	16	13
>FLT3-I836D- IMSDSNYVV	3	>FLT3-I836D- DMSDSNYVV	12	9
>FLT3-I836D- IMSDSNYV	6	>FLT3-I836D- DMSDSNYV	19	13
>FLT3-I836D- IMSDSNYVV	8	>FLT3-I836D- DMSDSNYVV	37	29
>FLT3-I836D- IMSDSNYV	2	>FLT3-I836D- DMSDSNYV	3	1
>FLT3-I836D- IMSDSNYVV	2	>FLT3-I836D- DMSDSNYVV	4	2
>FLT3-I836D- IMSDSNYV	2	>FLT3-I836D- DMSDSNYV	6	4
>FLT3-I836D- IMSDSNYVV	2	>FLT3-I836D- DMSDSNYVV	7	5
>FLT3-I836D- IMSDSNYVVF	280	>FLT3-I836D- DMSDSNYVV	1826	1546
>FLT3-I836D- IMSDSNYVVF	68	>FLT3-I836D- DMSDSNYVV	293	225
>FLT3-I836D- IMSDSNYVVF	347	>FLT3-I836D- DMSDSNYVV	108	239
>FLT3-I836D- IMSDSNYVVF	129	>FLT3-I836D- DMSDSNYVV	63	66
>FLT3-I836D- IMSDSNYV	408	>FLT3-I836D- DMSDSNYV	72	336
>FLT3-I836D- IMSDSNYVV	644	>FLT3-I836D- DMSDSNYVV	103	541
>FLT3-I836D- IMSDSNYV	980	>FLT3-I836D- DMSDSNYV	63	917
>FLT3-I836D- IMSDSNYVV	2711	>FLT3-I836D- DMSDSNYVV	214	2497
>FLT3-I836D- IMSDSNYVV	244	>FLT3-I836D- DMSDSNYVV	7650	7406
>FLT3-I836D- IMSDSNYV	125	>FLT3-I836D- DMSDSNYV	4515	4390
>FLT3-I836D- IMSDSNYVV	53	>FLT3-I836D- DMSDSNYVV	3119	3066
>FLT3-I836D- IMSDSNYVVF	132	>FLT3-I836D- DMSDSNYVV	3732	3600

>FLT3-I836D-IMSDSNYVV	47	>FLT3-I836D-DMSDSNYVV	158	111
>FLT3-I836D-DIMSDSNYV\	224	>FLT3-I836D-DDMSDSNYV	13454	13230
>FLT3-I836D-DIMSDSNYV	200	>FLT3-I836D-DDMSDSNYV	9079	8879
>FLT3-I836D-DIMSDSNYV\	84	>FLT3-I836D-DDMSDSNYV	9473	9389
>FLT3-I836D-DIMSDSNYV\	282	>FLT3-I836D-DDMSDSNYV	17575	17293
>FLT3-I836D-DIMSDSNYV\	235	>FLT3-I836D-DDMSDSNYV	10755	10520
>FLT3-I836D-DIMSDSNYV	324	>FLT3-I836D-DDMSDSNYV	20319	19995
>FLT3-I836D-DIMSDSNYV	433	>FLT3-I836D-DDMSDSNYV	16800	16367
>FLT3-I836D-DIMSDSNYV\	438	>FLT3-I836D-DDMSDSNYV	16315	15877
>FLT3-I836D-DIMSDSNYV	424	>FLT3-I836D-DDMSDSNYV	20300	19876
>FLT3-I836D-DIMSDSNYV	8	>FLT3-I836D-DDMSDSNYV	12855	12847
>FLT3-I836D-DIMSDSNYV\	16	>FLT3-I836D-DDMSDSNYV	13388	13372
>FLT3-I836D-DIMSDSNYV	355	>FLT3-I836D-DDMSDSNYV	26969	26614
>FLT3-I836D-DIMSDSNYV\	492	>FLT3-I836D-DDMSDSNYV	28158	27666
>FLT3-I836D-DIMSDSNY	133	>FLT3-I836D-DDMSDSNY	12356	12223
>FLT3-I836D-DIMSDSNY	16	>FLT3-I836D-DDMSDSNY	3495	3479
>FLT3-I836D-DIMSDSNY	258	>FLT3-I836D-DDMSDSNY	2102	1844
>FLT3-I836D-DIMSDSNY	251	>FLT3-I836D-DDMSDSNY	4001	3750
>FLT3-I836D-DIMSDSNYV\	74	>FLT3-I836D-DDMSDSNYV	4834	4760
>FLT3-I836D-DIMSDSNY	472	>FLT3-I836D-DDMSDSNY	12398	11926
>FLT3-I836D-DIMSDSNYV\	16	>FLT3-I836D-DDMSDSNYV	591	575
>FLT3-I836D-DIMSDSNYV	17	>FLT3-I836D-DDMSDSNYV	623	606
>FLT3-I836D-DIMSDSNYV\	139	>FLT3-I836D-DDMSDSNYV	6514	6375
>FLT3-I836D-DIMSDSNYV	7	>FLT3-I836D-DDMSDSNYV	1366	1359
>FLT3-I836D-DIMSDSNYV\	22	>FLT3-I836D-DDMSDSNYV	4336	4314
>FLT3-I836D-DIMSDSNY	373	>FLT3-I836D-DDMSDSNY	5173	4800
>FLT3-I836D-DIMSDSNYV\	23064	>FLT3-I836D-DDMSDSNYV	317	22747
>FLT3-I836D-KICDFGLARD	109	>FLT3-I836D-KICDFGLARD	10951	10842
>FLT3-I836D-RDIMSDSNY	384	>FLT3-I836D-RDDMSDSNY	3727	3343
>FLT3-I836D-RDIMSDSNY\	207	>FLT3-I836D-RDDMSDSNY	1926	1719
>FLT3-I836D-RDIMSDSNY\	121	>FLT3-I836D-RDDMSDSNY	247	126
>FLT3-I836D-RDIMSDSNY\	47	>FLT3-I836D-RDDMSDSNY	80	33
>FLT3-I836D-ARDIMSDSN\	207	>FLT3-I836D-ARDDMSDSN	214	7
>FLT3-I836D-ARDIMSDSN\	185	>FLT3-I836D-ARDDMSDSN	214	29
>FLT3-I836D-LARDIMSDSN	168	>FLT3-I836D-LARDDMSDS	245	77
>FLT3-I836D-LARDIMSDSN	146	>FLT3-I836D-LARDDMSDS	134	12
>FLT3-I836D-LARDIMSDSN	119	>FLT3-I836D-LARDDMSDS	130	11
>FLT3-I836D-LARDIMSDSN	5	>FLT3-I836D-LARDDMSDS	8	3
>FLT3-I836D-LARDIMSDSN	106	>FLT3-I836D-LARDDMSDS	105	1
>FLT3-I836D-LARDIMSDSN	12	>FLT3-I836D-LARDDMSDS	26	14
>FLT3-I836D-CDFGLARDI	84	>FLT3-I836D-CDFGLARDD	24901	24817
>FLT3-I836D-ICDFGLARDI	428	>FLT3-I836D-ICDFGLARDD	2347	1919
>FLT3-I836F-IMSDSNYV	11	>FLT3-I836F-FMSDSNYV	6	5



>FLT3-I836F- IMSDSNYVV	12	>FLT3-I836F- FMSDSNYVV	6	6
>FLT3-I836F- IMSDSNYV	2	>FLT3-I836F- FMSDSNYV	1	1
>FLT3-I836F- IMSDSNYVV	3	>FLT3-I836F- FMSDSNYVV	2	1
>FLT3-I836F- IMSDSNYVVV	261	>FLT3-I836F- FMSDSNYVVV	20	241
>FLT3-I836F- IMSDSNYV	3	>FLT3-I836F- FMSDSNYV	2	1
>FLT3-I836F- IMSDSNYVV	6	>FLT3-I836F- FMSDSNYVV	3	3
>FLT3-I836F- IMSDSNYVVV	2340	>FLT3-I836F- FMSDSNYVVV	238	2102
>FLT3-I836F- IMSDSNYV	9	>FLT3-I836F- FMSDSNYV	3	6
>FLT3-I836F- IMSDSNYVV	21	>FLT3-I836F- FMSDSNYVV	5	16
>FLT3-I836F- IMSDSNYV	2	>FLT3-I836F- FMSDSNYV	1	1
>FLT3-I836F- IMSDSNYVV	2	>FLT3-I836F- FMSDSNYVV	1	1
>FLT3-I836F- IMSDSNYVVV	631	>FLT3-I836F- FMSDSNYVVV	88	543
>FLT3-I836F- IMSDSNYV	3	>FLT3-I836F- FMSDSNYV	2	1
>FLT3-I836F- IMSDSNYVV	3	>FLT3-I836F- FMSDSNYVV	2	1
>FLT3-I836F- IMSDSNYV	6	>FLT3-I836F- FMSDSNYV	4	2
>FLT3-I836F- IMSDSNYVV	8	>FLT3-I836F- FMSDSNYVV	5	3
>FLT3-I836F- IMSDSNYV	2	>FLT3-I836F- FMSDSNYV	2	0
>FLT3-I836F- IMSDSNYVV	2	>FLT3-I836F- FMSDSNYVV	2	0
>FLT3-I836F- IMSDSNYV	2	>FLT3-I836F- FMSDSNYV	1	1
>FLT3-I836F- IMSDSNYVV	2	>FLT3-I836F- FMSDSNYVV	1	1
>FLT3-I836F- IMSDSNYVVV	4686	>FLT3-I836F- FMSDSNYVVV	391	4295
>FLT3-I836F- IMSDSNYVVV	1154	>FLT3-I836F- FMSDSNYVVV	76	1078
>FLT3-I836F- IMSDSNYVVV	280	>FLT3-I836F- FMSDSNYVVV	377	97
>FLT3-I836F- IMSDSNYVVV	68	>FLT3-I836F- FMSDSNYVVV	101	33
>FLT3-I836F- IMSDSNYVVV	347	>FLT3-I836F- FMSDSNYVVV	166	181
>FLT3-I836F- IMSDSNYVVV	129	>FLT3-I836F- FMSDSNYVVV	25	104
>FLT3-I836F- IMSDSNYV	408	>FLT3-I836F- FMSDSNYV	35	373
>FLT3-I836F- IMSDSNYVV	644	>FLT3-I836F- FMSDSNYVV	49	595
>FLT3-I836F- IMSDSNYV	980	>FLT3-I836F- FMSDSNYV	44	936
>FLT3-I836F- IMSDSNYVV	2711	>FLT3-I836F- FMSDSNYVV	137	2574
>FLT3-I836F- IMSDSNYVV	244	>FLT3-I836F- FMSDSNYVV	139	105
>FLT3-I836F- IMSDSNYV	125	>FLT3-I836F- FMSDSNYV	101	24
>FLT3-I836F- IMSDSNYVV	53	>FLT3-I836F- FMSDSNYVV	41	12
>FLT3-I836F- IMSDSNYVVV	132	>FLT3-I836F- FMSDSNYVVV	95	37
>FLT3-I836F- IMSDSNYVV	2385	>FLT3-I836F- FMSDSNYVV	60	2325
>FLT3-I836F- IMSDSNYVVV	47	>FLT3-I836F- FMSDSNYVVV	71	24
>FLT3-I836F- DIMSDSNV\	224	>FLT3-I836F- DFMSDSNYV	3825	3601
>FLT3-I836F- DIMSDSNYV	200	>FLT3-I836F- DFMSDSNYV	1332	1132
>FLT3-I836F- DIMSDSNV\	84	>FLT3-I836F- DFMSDSNYV	1756	1672
>FLT3-I836F- DIMSDSNV\	282	>FLT3-I836F- DFMSDSNYV	7156	6874
>FLT3-I836F- DIMSDSNV\	235	>FLT3-I836F- DFMSDSNYV	5514	5279
>FLT3-I836F- DIMSDSNYV	324	>FLT3-I836F- DFMSDSNYV	8172	7848
>FLT3-I836F- DIMSDSNYV	433	>FLT3-I836F- DFMSDSNYV	7762	7329

>FLT3-I836F- DIMSDSNV\	438	>FLT3-I836F- DFMSDSNYV'	7571	7133
>FLT3-I836F- DIMSDSNV	424	>FLT3-I836F- DFMSDSNYV	8695	8271
>FLT3-I836F- DIMSDSNV	8	>FLT3-I836F- DFMSDSNYV	1021	1013
>FLT3-I836F- DIMSDSNV\	16	>FLT3-I836F- DFMSDSNYV'	1548	1532
>FLT3-I836F- DIMSDSNV	355	>FLT3-I836F- DFMSDSNYV	9301	8946
>FLT3-I836F- DIMSDSNV\	492	>FLT3-I836F- DFMSDSNYV'	11551	11059
>FLT3-I836F- DIMSDSNY	133	>FLT3-I836F- DFMSDSNY	4902	4769
>FLT3-I836F- DIMSDSNY	16	>FLT3-I836F- DFMSDSNY	352	336
>FLT3-I836F- DIMSDSNY	258	>FLT3-I836F- DFMSDSNY	986	728
>FLT3-I836F- DIMSDSNY	730	>FLT3-I836F- DFMSDSNY	136	594
>FLT3-I836F- DIMSDSNY	251	>FLT3-I836F- DFMSDSNY	524	273
>FLT3-I836F- DIMSDSNV\	1399	>FLT3-I836F- DFMSDSNYV'	377	1022
>FLT3-I836F- DIMSDSNV\	74	>FLT3-I836F- DFMSDSNYV'	22	52
>FLT3-I836F- DIMSDSNY	472	>FLT3-I836F- DFMSDSNY	2910	2438
>FLT3-I836F- DIMSDSNV\	16	>FLT3-I836F- DFMSDSNYV'	82	66
>FLT3-I836F- DIMSDSNV	17	>FLT3-I836F- DFMSDSNYV	838	821
>FLT3-I836F- DIMSDSNV\	139	>FLT3-I836F- DFMSDSNYV'	2984	2845
>FLT3-I836F- DIMSDSNV	7	>FLT3-I836F- DFMSDSNYV	482	475
>FLT3-I836F- DIMSDSNV\	22	>FLT3-I836F- DFMSDSNYV'	2076	2054
>FLT3-I836F- DIMSDSNY	373	>FLT3-I836F- DFMSDSNY	294	79
>FLT3-I836F- DIMSDSNV\	525	>FLT3-I836F- DFMSDSNYV'	167	358
>FLT3-I836F- KICDFGLARD	109	>FLT3-I836F- KICDFGLARD	56	53
>FLT3-I836F- RDIMSDSNY	384	>FLT3-I836F- RDFMSDSNY	81	303
>FLT3-I836F- RDIMSDSNY	662	>FLT3-I836F- RDFMSDSNY	410	252
>FLT3-I836F- RDIMSDSNY\	207	>FLT3-I836F- RDFMSDSNY'	57	150
>FLT3-I836F- RDIMSDSNY	551	>FLT3-I836F- RDFMSDSNY	61	490
>FLT3-I836F- RDIMSDSNY\	718	>FLT3-I836F- RDFMSDSNY'	365	353
>FLT3-I836F- RDIMSDSNY\	121	>FLT3-I836F- RDFMSDSNY'	182	61
>FLT3-I836F- RDIMSDSNY\	47	>FLT3-I836F- RDFMSDSNY'	63	16
>FLT3-I836F- ARDIMSDSN\	207	>FLT3-I836F- ARDFMSDSN	135	72
>FLT3-I836F- ARDIMSDSN\	185	>FLT3-I836F- ARDFMSDSN	236	51
>FLT3-I836F- LARDIMSDSN	168	>FLT3-I836F- LARDFMSDSI'	221	53
>FLT3-I836F- LARDIMSDSN	146	>FLT3-I836F- LARDFMSDSI'	113	33
>FLT3-I836F- LARDIMSDSN	119	>FLT3-I836F- LARDFMSDSI'	41	78
>FLT3-I836F- LARDIMSDSN	5	>FLT3-I836F- LARDFMSDSI'	4	1
>FLT3-I836F- LARDIMSDSN	106	>FLT3-I836F- LARDFMSDSI'	96	10
>FLT3-I836F- LARDIMSDSN	12	>FLT3-I836F- LARDFMSDSI'	12	0
>FLT3-I836F- CDFGLARDI	84	>FLT3-I836F- CDFGLARDF	12145	12061
>FLT3-I836F- ICDFGLARDI\	428	>FLT3-I836F- ICDFGLARDF\	514	86
>FLT3-I836H- IMSDSNYV	11	>FLT3-I836H- HMSDSNYV	17	6
>FLT3-I836H- IMSDSNYVV	12	>FLT3-I836H- HMSDSNYVV	19	7
>FLT3-I836H- IMSDSNYV	2	>FLT3-I836H- HMSDSNYV	2	0
>FLT3-I836H- IMSDSNYVV	3	>FLT3-I836H- HMSDSNYVV	4	1

>FLT3-I836H-IMSDSNYYVVF	261	>FLT3-I836H-HMSDSNYVV	380	119
>FLT3-I836H-IMSDSNYYV	3	>FLT3-I836H-HMSDSNYV	5	2
>FLT3-I836H-IMSDSNYYVV	6	>FLT3-I836H-HMSDSNYVV	12	6
>FLT3-I836H-IMSDSNYYV	9	>FLT3-I836H-HMSDSNYV	23	14
>FLT3-I836H-IMSDSNYYVV	21	>FLT3-I836H-HMSDSNYVV	73	52
>FLT3-I836H-IMSDSNYYV	2	>FLT3-I836H-HMSDSNYV	3	1
>FLT3-I836H-IMSDSNYYVV	2	>FLT3-I836H-HMSDSNYVV	4	2
>FLT3-I836H-IMSDSNYYV	3	>FLT3-I836H-HMSDSNYV	3	0
>FLT3-I836H-IMSDSNYYVV	3	>FLT3-I836H-HMSDSNYVV	3	0
>FLT3-I836H-IMSDSNYYV	6	>FLT3-I836H-HMSDSNYV	8	2
>FLT3-I836H-IMSDSNYYVV	8	>FLT3-I836H-HMSDSNYVV	11	3
>FLT3-I836H-IMSDSNYYV	2	>FLT3-I836H-HMSDSNYV	3	1
>FLT3-I836H-IMSDSNYYVV	2	>FLT3-I836H-HMSDSNYVV	3	1
>FLT3-I836H-IMSDSNYYV	2	>FLT3-I836H-HMSDSNYV	2	0
>FLT3-I836H-IMSDSNYYVV	2	>FLT3-I836H-HMSDSNYVV	2	0
>FLT3-I836H-IMSDSNYYVVF	280	>FLT3-I836H-HMSDSNYVV	549	269
>FLT3-I836H-IMSDSNYYVVF	68	>FLT3-I836H-HMSDSNYVV	80	12
>FLT3-I836H-IMSDSNYYVVF	347	>FLT3-I836H-HMSDSNYVV	563	216
>FLT3-I836H-IMSDSNYYVVF	129	>FLT3-I836H-HMSDSNYVV	41	88
>FLT3-I836H-IMSDSNYYV	408	>FLT3-I836H-HMSDSNYV	37	371
>FLT3-I836H-IMSDSNYYVV	644	>FLT3-I836H-HMSDSNYVV	48	596
>FLT3-I836H-IMSDSNYYV	980	>FLT3-I836H-HMSDSNYV	69	911
>FLT3-I836H-IMSDSNYYVV	2711	>FLT3-I836H-HMSDSNYVV	293	2418
>FLT3-I836H-IMSDSNYYVV	244	>FLT3-I836H-HMSDSNYVV	288	44
>FLT3-I836H-IMSDSNYYV	125	>FLT3-I836H-HMSDSNYV	364	239
>FLT3-I836H-IMSDSNYYVV	53	>FLT3-I836H-HMSDSNYVV	131	78
>FLT3-I836H-IMSDSNYYVVF	132	>FLT3-I836H-HMSDSNYVV	332	200
>FLT3-I836H-IMSDSNYYVV	2385	>FLT3-I836H-HMSDSNYVV	67	2318
>FLT3-I836H-IMSDSNYYVVF	500	>FLT3-I836H-HMSDSNYVV	365	135
>FLT3-I836H-IMSDSNYYVVF	47	>FLT3-I836H-HMSDSNYVV	21	26
>FLT3-I836H-DIMSDSNYYV\	224	>FLT3-I836H-DHMMSDSNYV	8831	8607
>FLT3-I836H-DIMSDSNYYV	200	>FLT3-I836H-DHMMSDSNYV	7237	7037
>FLT3-I836H-DIMSDSNYYV\	84	>FLT3-I836H-DHMMSDSNYV	6077	5993
>FLT3-I836H-DIMSDSNYYV\	282	>FLT3-I836H-DHMMSDSNYV	13185	12903
>FLT3-I836H-DIMSDSNYYV\	235	>FLT3-I836H-DHMMSDSNYV	8659	8424
>FLT3-I836H-DIMSDSNYYV	324	>FLT3-I836H-DHMMSDSNYV	18315	17991
>FLT3-I836H-DIMSDSNYYV	433	>FLT3-I836H-DHMMSDSNYV	14347	13914
>FLT3-I836H-DIMSDSNYYV\	438	>FLT3-I836H-DHMMSDSNYV	13735	13297
>FLT3-I836H-DIMSDSNYYV	424	>FLT3-I836H-DHMMSDSNYV	19071	18647
>FLT3-I836H-DIMSDSNYYV	8	>FLT3-I836H-DHMMSDSNYV	9873	9865
>FLT3-I836H-DIMSDSNYYV\	16	>FLT3-I836H-DHMMSDSNYV	10578	10562
>FLT3-I836H-DIMSDSNYYV	355	>FLT3-I836H-DHMMSDSNYV	22279	21924
>FLT3-I836H-DIMSDSNYYV\	492	>FLT3-I836H-DHMMSDSNYV	23931	23439

>FLT3-I836H-DIMSDSNY	133	>FLT3-I836H-DHMSDSNY	14485	14352
>FLT3-I836H-DIMSDSNY	16	>FLT3-I836H-DHMSDSNY	2463	2447
>FLT3-I836H-DIMSDSNY	258	>FLT3-I836H-DHMSDSNY	2870	2612
>FLT3-I836H-DIMSDSNY	251	>FLT3-I836H-DHMSDSNY	975	724
>FLT3-I836H-DIMSDSNYV\	74	>FLT3-I836H-DHMSDSNYV	2026	1952
>FLT3-I836H-DIMSDSNY	472	>FLT3-I836H-DHMSDSNY	11839	11367
>FLT3-I836H-DIMSDSNYV\	16	>FLT3-I836H-DHMSDSNYV	571	555
>FLT3-I836H-DIMSDSNYV	17	>FLT3-I836H-DHMSDSNYV	3446	3429
>FLT3-I836H-DIMSDSNYV\	139	>FLT3-I836H-DHMSDSNYV	7856	7717
>FLT3-I836H-DIMSDSNYV	7	>FLT3-I836H-DHMSDSNYV	7181	7174
>FLT3-I836H-DIMSDSNYV\	22	>FLT3-I836H-DHMSDSNYV	11514	11492
>FLT3-I836H-DIMSDSNY	373	>FLT3-I836H-DHMSDSNY	2231	1858
>FLT3-I836H-DIMSDSNYV	17502	>FLT3-I836H-DHMSDSNYV	416	17086
>FLT3-I836H-DIMSDSNYV\	19106	>FLT3-I836H-DHMSDSNYV	445	18661
>FLT3-I836H-DIMSDSNYV\	5917	>FLT3-I836H-DHMSDSNYV	98	5819
>FLT3-I836H-KICDFGLARD	109	>FLT3-I836H-KICDFGLARD	6176	6067
>FLT3-I836H-RDIMSDSNY	384	>FLT3-I836H-RDHMSDSNY	409	25
>FLT3-I836H-RDIMSDSNY\	207	>FLT3-I836H-RDHMSDSNY	147	60
>FLT3-I836H-RDIMSDSNY\	121	>FLT3-I836H-RDHMSDSNY	327	206
>FLT3-I836H-RDIMSDSNY\	47	>FLT3-I836H-RDHMSDSNY	94	47
>FLT3-I836H-ARDIMSDSN\	207	>FLT3-I836H-ARDHMSDSN	254	47
>FLT3-I836H-ARDIMSDSN\	185	>FLT3-I836H-ARDHMSDSN	175	10
>FLT3-I836H-LARDIMSDSN	1928	>FLT3-I836H-LARDHMSDS	478	1450
>FLT3-I836H-LARDIMSDSN	168	>FLT3-I836H-LARDHMSDS	597	429
>FLT3-I836H-LARDIMSDSN	146	>FLT3-I836H-LARDHMSDS	86	60
>FLT3-I836H-LARDIMSDSN	119	>FLT3-I836H-LARDHMSDS	73	46
>FLT3-I836H-LARDIMSDSN	5	>FLT3-I836H-LARDHMSDS	4	1
>FLT3-I836H-LARDIMSDSN	106	>FLT3-I836H-LARDHMSDS	99	7
>FLT3-I836H-LARDIMSDSN	12	>FLT3-I836H-LARDHMSDS	44	32
>FLT3-I836H-CDFGLARDI	84	>FLT3-I836H-CDFGLARDH	24852	24768
>FLT3-I836H-ICDFGLARDI	428	>FLT3-I836H-ICDFGLARDH	1828	1400
>FLT3-I836L-IMSDSNYV	11	>FLT3-I836L-LMSDSNYV	11	0
>FLT3-I836L-IMSDSNYVV	12	>FLT3-I836L-LMSDSNYVV	11	1
>FLT3-I836L-IMSDSNYV	2	>FLT3-I836L-LMSDSNYV	2	0
>FLT3-I836L-IMSDSNYVV	3	>FLT3-I836L-LMSDSNYVV	3	0
>FLT3-I836L-IMSDSNYVVI	261	>FLT3-I836L-LMSDSNYVVI	184	77
>FLT3-I836L-IMSDSNYV	3	>FLT3-I836L-LMSDSNYV	3	0
>FLT3-I836L-IMSDSNYVV	6	>FLT3-I836L-LMSDSNYVV	5	1
>FLT3-I836L-IMSDSNYV	9	>FLT3-I836L-LMSDSNYV	8	1
>FLT3-I836L-IMSDSNYVV	21	>FLT3-I836L-LMSDSNYVV	19	2
>FLT3-I836L-IMSDSNYV	2	>FLT3-I836L-LMSDSNYV	2	0
>FLT3-I836L-IMSDSNYVV	2	>FLT3-I836L-LMSDSNYVV	2	0
>FLT3-I836L-IMSDSNYV	3	>FLT3-I836L-LMSDSNYV	2	1

>FLT3-I836L- IMSDSNYVV	3	>FLT3-I836L- LMSDSNYVV	2	1
>FLT3-I836L- IMSDSNYV	6	>FLT3-I836L- LMSDSNYV	6	0
>FLT3-I836L- IMSDSNYVV	8	>FLT3-I836L- LMSDSNYVV	8	0
>FLT3-I836L- IMSDSNYV	2	>FLT3-I836L- LMSDSNYV	2	0
>FLT3-I836L- IMSDSNYVV	2	>FLT3-I836L- LMSDSNYVV	2	0
>FLT3-I836L- IMSDSNYV	2	>FLT3-I836L- LMSDSNYV	2	0
>FLT3-I836L- IMSDSNYVV	2	>FLT3-I836L- LMSDSNYVV	2	0
>FLT3-I836L- IMSDSNYVVF	1154	>FLT3-I836L- LMSDSNYVVI	489	665
>FLT3-I836L- IMSDSNYVVF	280	>FLT3-I836L- LMSDSNYVVI	326	46
>FLT3-I836L- IMSDSNYVVF	68	>FLT3-I836L- LMSDSNYVVI	60	8
>FLT3-I836L- IMSDSNYVVF	347	>FLT3-I836L- LMSDSNYVVI	471	124
>FLT3-I836L- IMSDSNYVVF	129	>FLT3-I836L- LMSDSNYVVI	104	25
>FLT3-I836L- IMSDSNYV	408	>FLT3-I836L- LMSDSNYV	267	141
>FLT3-I836L- IMSDSNYVV	644	>FLT3-I836L- LMSDSNYVV	414	230
>FLT3-I836L- IMSDSNYV	980	>FLT3-I836L- LMSDSNYV	414	566
>FLT3-I836L- IMSDSNYV	1199	>FLT3-I836L- LMSDSNYV	479	720
>FLT3-I836L- IMSDSNYVV	244	>FLT3-I836L- LMSDSNYVV	122	122
>FLT3-I836L- IMSDSNYV	125	>FLT3-I836L- LMSDSNYV	190	65
>FLT3-I836L- IMSDSNYVV	53	>FLT3-I836L- LMSDSNYVV	71	18
>FLT3-I836L- IMSDSNYVVF	132	>FLT3-I836L- LMSDSNYVVI	188	56
>FLT3-I836L- IMSDSNYVVF	47	>FLT3-I836L- LMSDSNYVVI	102	55
>FLT3-I836L- DIMSDSNYV	3034	>FLT3-I836L- DLMSDSNYV	366	2668
>FLT3-I836L- DIMSDSNYV\	224	>FLT3-I836L- DLMSDSNYV'	38	186
>FLT3-I836L- DIMSDSNYV	200	>FLT3-I836L- DLMSDSNYV	18	182
>FLT3-I836L- DIMSDSNYV\	84	>FLT3-I836L- DLMSDSNYV'	18	66
>FLT3-I836L- DIMSDSNYV	621	>FLT3-I836L- DLMSDSNYV	79	542
>FLT3-I836L- DIMSDSNYV\	282	>FLT3-I836L- DLMSDSNYV'	78	204
>FLT3-I836L- DIMSDSNYV\	235	>FLT3-I836L- DLMSDSNYV'	206	29
>FLT3-I836L- DIMSDSNYV	324	>FLT3-I836L- DLMSDSNYV	14	310
>FLT3-I836L- DIMSDSNYV\	693	>FLT3-I836L- DLMSDSNYV'	27	666
>FLT3-I836L- DIMSDSNYV	433	>FLT3-I836L- DLMSDSNYV	7	426
>FLT3-I836L- DIMSDSNYV\	438	>FLT3-I836L- DLMSDSNYV'	10	428
>FLT3-I836L- DIMSDSNYV	424	>FLT3-I836L- DLMSDSNYV	24	400
>FLT3-I836L- DIMSDSNYV\	1324	>FLT3-I836L- DLMSDSNYV'	48	1276
>FLT3-I836L- DIMSDSNYV	8	>FLT3-I836L- DLMSDSNYV	2	6
>FLT3-I836L- DIMSDSNYV\	16	>FLT3-I836L- DLMSDSNYV'	3	13
>FLT3-I836L- DIMSDSNYV	355	>FLT3-I836L- DLMSDSNYV	10	345
>FLT3-I836L- DIMSDSNYV\	492	>FLT3-I836L- DLMSDSNYV'	13	479
>FLT3-I836L- DIMSDSNY	133	>FLT3-I836L- DLMSDSNY	723	590
>FLT3-I836L- DIMSDSNY	16	>FLT3-I836L- DLMSDSNY	122	106
>FLT3-I836L- DIMSDSNY	258	>FLT3-I836L- DLMSDSNY	490	232
>FLT3-I836L- DIMSDSNY	251	>FLT3-I836L- DLMSDSNY	197	54
>FLT3-I836L- DIMSDSNY\	74	>FLT3-I836L- DLMSDSNYV'	72	2

>FLT3-I836L- DIMSDSNY	472	>FLT3-I836L- DLMSDSNY	1691	1219
>FLT3-I836L- DIMSDSNYV\	16	>FLT3-I836L- DLMSDSNYV'	40	24
>FLT3-I836L- DIMSDSNYV	17	>FLT3-I836L- DLMSDSNYV	41	24
>FLT3-I836L- DIMSDSNYV\	139	>FLT3-I836L- DLMSDSNYV'	576	437
>FLT3-I836L- DIMSDSNYV	7	>FLT3-I836L- DLMSDSNYV	16	9
>FLT3-I836L- DIMSDSNYV\	22	>FLT3-I836L- DLMSDSNYV'	66	44
>FLT3-I836L- DIMSDSNY	373	>FLT3-I836L- DLMSDSNY	80	293
>FLT3-I836L- KICDFGLARD	109	>FLT3-I836L- KICDFGLARD	283	174
>FLT3-I836L- RDIMSDSNY	384	>FLT3-I836L- RDLMSDSNY	355	29
>FLT3-I836L- RDIMSDSNY\	207	>FLT3-I836L- RDLMSDSNY'	182	25
>FLT3-I836L- RDIMSDSNY	551	>FLT3-I836L- RDLMSDSNY	250	301
>FLT3-I836L- RDIMSDSNY\	121	>FLT3-I836L- RDLMSDSNY'	95	26
>FLT3-I836L- RDIMSDSNY\	47	>FLT3-I836L- RDLMSDSNY'	38	9
>FLT3-I836L- ARDIMSDSN\	207	>FLT3-I836L- ARDLMSDSN	173	34
>FLT3-I836L- ARDIMSDSN\	185	>FLT3-I836L- ARDLMSDSN	139	46
>FLT3-I836L- LARDIMSDSN	168	>FLT3-I836L- LARDLMSDSN	307	139
>FLT3-I836L- LARDIMSDSN	146	>FLT3-I836L- LARDLMSDSN	109	37
>FLT3-I836L- LARDIMSDSN	119	>FLT3-I836L- LARDLMSDSN	125	6
>FLT3-I836L- LARDIMSDSN	5	>FLT3-I836L- LARDLMSDSN	5	0
>FLT3-I836L- LARDIMSDSN	106	>FLT3-I836L- LARDLMSDSN	111	5
>FLT3-I836L- LARDIMSDSN	12	>FLT3-I836L- LARDLMSDSN	12	0
>FLT3-I836L- CDFGLARDI	84	>FLT3-I836L- CDFGLARDL	873	789
>FLT3-I836L- ICDFGLARDI\	428	>FLT3-I836L- ICDFGLARDLI	287	141
>FLT3-I836M IMSDSNYV	11	>FLT3-I836M MMSDSNYV	8	3
>FLT3-I836M IMSDSNYVV	12	>FLT3-I836M MMSDSNYV\	8	4
>FLT3-I836M IMSDSNYV	2	>FLT3-I836M MMSDSNYV	2	0
>FLT3-I836M IMSDSNYVV	3	>FLT3-I836M MMSDSNYV\	2	1
>FLT3-I836M IMSDSNYVV\	261	>FLT3-I836M MMSDSNYV\	65	196
>FLT3-I836M IMSDSNYV	3	>FLT3-I836M MMSDSNYV	2	1
>FLT3-I836M IMSDSNYVV	6	>FLT3-I836M MMSDSNYV\	3	3
>FLT3-I836M IMSDSNYV	9	>FLT3-I836M MMSDSNYV	6	3
>FLT3-I836M IMSDSNYVV	21	>FLT3-I836M MMSDSNYV\	11	10
>FLT3-I836M IMSDSNYV	2	>FLT3-I836M MMSDSNYV	2	0
>FLT3-I836M IMSDSNYVV	2	>FLT3-I836M MMSDSNYV\	2	0
>FLT3-I836M IMSDSNYVV\	631	>FLT3-I836M MMSDSNYV\	276	355
>FLT3-I836M IMSDSNYV	3	>FLT3-I836M MMSDSNYV	2	1
>FLT3-I836M IMSDSNYVV	3	>FLT3-I836M MMSDSNYV\	2	1
>FLT3-I836M IMSDSNYV	6	>FLT3-I836M MMSDSNYV	6	0
>FLT3-I836M IMSDSNYVV	8	>FLT3-I836M MMSDSNYV\	7	1
>FLT3-I836M IMSDSNYV	2	>FLT3-I836M MMSDSNYV	2	0
>FLT3-I836M IMSDSNYVV	2	>FLT3-I836M MMSDSNYV\	2	0
>FLT3-I836M IMSDSNYV	2	>FLT3-I836M MMSDSNYV	2	0
>FLT3-I836M IMSDSNYVV	2	>FLT3-I836M MMSDSNYV\	2	0

>FLT3-I836M IMSDSNYVVF	1154	>FLT3-I836M MMSDSNYV\	325	829
>FLT3-I836M IMSDSNYVVF	280	>FLT3-I836M MMSDSNYV\	191	89
>FLT3-I836M IMSDSNYVVF	68	>FLT3-I836M MMSDSNYV\	27	41
>FLT3-I836M IMSDSNYVVF	347	>FLT3-I836M MMSDSNYV\	185	162
>FLT3-I836M IMSDSNYVVF	129	>FLT3-I836M MMSDSNYV\	19	110
>FLT3-I836M IMSDSNYV	408	>FLT3-I836M MMSDSNYV	13	395
>FLT3-I836M IMSDSNYVV	644	>FLT3-I836M MMSDSNYV\	17	627
>FLT3-I836M IMSDSNYV	980	>FLT3-I836M MMSDSNYV	47	933
>FLT3-I836M IMSDSNYVV	2711	>FLT3-I836M MMSDSNYV\	183	2528
>FLT3-I836M IMSDSNYVV	244	>FLT3-I836M MMSDSNYV\	148	96
>FLT3-I836M IMSDSNYV	125	>FLT3-I836M MMSDSNYV	100	25
>FLT3-I836M IMSDSNYVV	53	>FLT3-I836M MMSDSNYV\	42	11
>FLT3-I836M IMSDSNYVVF	132	>FLT3-I836M MMSDSNYV\	98	34
>FLT3-I836M IMSDSNYVV	2385	>FLT3-I836M MMSDSNYV\	121	2264
>FLT3-I836M IMSDSNYVVF	500	>FLT3-I836M MMSDSNYV\	458	42
>FLT3-I836M IMSDSNYVVF	47	>FLT3-I836M MMSDSNYV\	41	6
>FLT3-I836M DIMSDSNYV	3034	>FLT3-I836M DMMSDSNY	261	2773
>FLT3-I836M DIMSDSNYV\	224	>FLT3-I836M DMMSDSNY	34	190
>FLT3-I836M DIMSDSNYV	200	>FLT3-I836M DMMSDSNY	20	180
>FLT3-I836M DIMSDSNYV\	84	>FLT3-I836M DMMSDSNY	18	66
>FLT3-I836M DIMSDSNYV	621	>FLT3-I836M DMMSDSNY	49	572
>FLT3-I836M DIMSDSNYV\	282	>FLT3-I836M DMMSDSNY	73	209
>FLT3-I836M DIMSDSNYV	710	>FLT3-I836M DMMSDSNY	317	393
>FLT3-I836M DIMSDSNYV\	235	>FLT3-I836M DMMSDSNY	133	102
>FLT3-I836M DIMSDSNYV	324	>FLT3-I836M DMMSDSNY	9	315
>FLT3-I836M DIMSDSNYV\	693	>FLT3-I836M DMMSDSNY	17	676
>FLT3-I836M DIMSDSNYV	433	>FLT3-I836M DMMSDSNY	5	428
>FLT3-I836M DIMSDSNYV\	438	>FLT3-I836M DMMSDSNY	7	431
>FLT3-I836M DIMSDSNYV	424	>FLT3-I836M DMMSDSNY	20	404
>FLT3-I836M DIMSDSNYV\	1324	>FLT3-I836M DMMSDSNY	41	1283
>FLT3-I836M DIMSDSNYV	8	>FLT3-I836M DMMSDSNY	2	6
>FLT3-I836M DIMSDSNYV\	16	>FLT3-I836M DMMSDSNY	2	14
>FLT3-I836M DIMSDSNYV	355	>FLT3-I836M DMMSDSNY	14	341
>FLT3-I836M DIMSDSNYV\	492	>FLT3-I836M DMMSDSNY	19	473
>FLT3-I836M DIMSDSNY	133	>FLT3-I836M DMMSDSNY	2510	2377
>FLT3-I836M DIMSDSNY	16	>FLT3-I836M DMMSDSNY	90	74
>FLT3-I836M DIMSDSNY	258	>FLT3-I836M DMMSDSNY	1005	747
>FLT3-I836M DIMSDSNY	730	>FLT3-I836M DMMSDSNY	101	629
>FLT3-I836M DIMSDSNY	251	>FLT3-I836M DMMSDSNY	53	198
>FLT3-I836M DIMSDSNYV\	1399	>FLT3-I836M DMMSDSNY	291	1108
>FLT3-I836M DIMSDSNYV\	74	>FLT3-I836M DMMSDSNY	39	35
>FLT3-I836M DIMSDSNY	472	>FLT3-I836M DMMSDSNY	1334	862
>FLT3-I836M DIMSDSNYV\	16	>FLT3-I836M DMMSDSNY	34	18

>FLT3-I836M DIMSDSNVY	17	>FLT3-I836M DMMSDSNY	56	39
>FLT3-I836M DIMSDSNV\	139	>FLT3-I836M DMMSDSNY	225	86
>FLT3-I836M DIMSDSNV	7	>FLT3-I836M DMMSDSNY	13	6
>FLT3-I836M DIMSDSNV\	22	>FLT3-I836M DMMSDSNY	50	28
>FLT3-I836M DIMSDSNY	3826	>FLT3-I836M DMMSDSNY	359	3467
>FLT3-I836M DIMSDSNY	373	>FLT3-I836M DMMSDSNY	57	316
>FLT3-I836M DIMSDSNY	2433	>FLT3-I836M DMMSDSNY	88	2345
>FLT3-I836M DIMSDSNY	606	>FLT3-I836M DMMSDSNY	325	281
>FLT3-I836M DIMSDSNV\	525	>FLT3-I836M DMMSDSNY	272	253
>FLT3-I836M KICDFGLARD	109	>FLT3-I836M KICDFGLARD	1225	1116
>FLT3-I836M RDIMSDSNY	384	>FLT3-I836M RDMMSDSN\	188	196
>FLT3-I836M RDIMSDSN\	207	>FLT3-I836M RDMMSDSN\	117	90
>FLT3-I836M RDIMSDSNY	551	>FLT3-I836M RDMMSDSN\	189	362
>FLT3-I836M RDIMSDSN\	718	>FLT3-I836M RDMMSDSN\	203	515
>FLT3-I836M RDIMSDSN\	121	>FLT3-I836M RDMMSDSN\	169	48
>FLT3-I836M RDIMSDSN\	47	>FLT3-I836M RDMMSDSN\	60	13
>FLT3-I836M ARDIMSDSN\	207	>FLT3-I836M ARDMMSDSI	194	13
>FLT3-I836M ARDIMSDSN\	185	>FLT3-I836M ARDMMSDSI	139	46
>FLT3-I836M LARDIMSDSN	168	>FLT3-I836M LARDMMSDS	299	131
>FLT3-I836M LARDIMSDSN	146	>FLT3-I836M LARDMMSDS	110	36
>FLT3-I836M LARDIMSDSN	119	>FLT3-I836M LARDMMSDS	135	16
>FLT3-I836M LARDIMSDSN	5	>FLT3-I836M LARDMMSDS	4	1
>FLT3-I836M LARDIMSDSN	106	>FLT3-I836M LARDMMSDS	93	13
>FLT3-I836M LARDIMSDSN	12	>FLT3-I836M LARDMMSDS	14	2
>FLT3-I836M CDFGLARDI	84	>FLT3-I836M CDFGLARDM	2576	2492
>FLT3-I836M ICDFGLARDI	428	>FLT3-I836M ICDFGLARDM	246	182
>FLT3-I836S- IMSDSNYV	11	>FLT3-I836S- SMSDSNYV	11	0
>FLT3-I836S- IMSDSNYVV	12	>FLT3-I836S- SMSDSNYVV	11	1
>FLT3-I836S- IMSDSNYV	2	>FLT3-I836S- SMSDSNYV	2	0
>FLT3-I836S- IMSDSNYVV	3	>FLT3-I836S- SMSDSNYVV	3	0
>FLT3-I836S- IMSDSNYVVF	261	>FLT3-I836S- SMSDSNYVVI	377	116
>FLT3-I836S- IMSDSNYV	3	>FLT3-I836S- SMSDSNYV	4	1
>FLT3-I836S- IMSDSNYVV	6	>FLT3-I836S- SMSDSNYVV	7	1
>FLT3-I836S- IMSDSNYV	9	>FLT3-I836S- SMSDSNYV	12	3
>FLT3-I836S- IMSDSNYVV	21	>FLT3-I836S- SMSDSNYVV	26	5
>FLT3-I836S- IMSDSNYV	2	>FLT3-I836S- SMSDSNYV	2	0
>FLT3-I836S- IMSDSNYVV	2	>FLT3-I836S- SMSDSNYVV	2	0
>FLT3-I836S- IMSDSNYV	3	>FLT3-I836S- SMSDSNYV	3	0
>FLT3-I836S- IMSDSNYVV	3	>FLT3-I836S- SMSDSNYVV	3	0
>FLT3-I836S- IMSDSNYV	6	>FLT3-I836S- SMSDSNYV	5	1
>FLT3-I836S- IMSDSNYVV	8	>FLT3-I836S- SMSDSNYVV	6	2
>FLT3-I836S- IMSDSNYV	2	>FLT3-I836S- SMSDSNYV	5	3
>FLT3-I836S- IMSDSNYVV	2	>FLT3-I836S- SMSDSNYVV	4	2



>FLT3-I836S- IMSDSNYV	2	>FLT3-I836S- SMSDSNYV	2	0
>FLT3-I836S- IMSDSNYVV	2	>FLT3-I836S- SMSDSNYVV	2	0
>FLT3-I836S- IMSDSNYVVF	280	>FLT3-I836S- SMSDSNYVVF	86	194
>FLT3-I836S- IMSDSNYVVF	68	>FLT3-I836S- SMSDSNYVVF	52	16
>FLT3-I836S- IMSDSNYVVF	347	>FLT3-I836S- SMSDSNYVVF	449	102
>FLT3-I836S- IMSDSNYVVF	129	>FLT3-I836S- SMSDSNYVVF	77	52
>FLT3-I836S- IMSDSNYV	408	>FLT3-I836S- SMSDSNYV	94	314
>FLT3-I836S- IMSDSNYVV	644	>FLT3-I836S- SMSDSNYVV	136	508
>FLT3-I836S- IMSDSNYV	980	>FLT3-I836S- SMSDSNYV	112	868
>FLT3-I836S- IMSDSNYVV	2711	>FLT3-I836S- SMSDSNYVV	392	2319
>FLT3-I836S- IMSDSNYVV	244	>FLT3-I836S- SMSDSNYVV	262	18
>FLT3-I836S- IMSDSNYV	125	>FLT3-I836S- SMSDSNYV	473	348
>FLT3-I836S- IMSDSNYVV	53	>FLT3-I836S- SMSDSNYVV	198	145
>FLT3-I836S- IMSDSNYVVF	132	>FLT3-I836S- SMSDSNYVVF	453	321
>FLT3-I836S- IMSDSNYVV	2385	>FLT3-I836S- SMSDSNYVV	416	1969
>FLT3-I836S- IMSDSNYVVF	500	>FLT3-I836S- SMSDSNYVVF	162	338
>FLT3-I836S- IMSDSNYVVF	47	>FLT3-I836S- SMSDSNYVVF	52	5
>FLT3-I836S- DIMSDSNV\	224	>FLT3-I836S- DSMSDSNYV'	2034	1810
>FLT3-I836S- DIMSDSNYV	200	>FLT3-I836S- DSMSDSNYV	2154	1954
>FLT3-I836S- DIMSDSNV\	84	>FLT3-I836S- DSMSDSNYV'	1009	925
>FLT3-I836S- DIMSDSNV\	282	>FLT3-I836S- DSMSDSNYV'	3975	3693
>FLT3-I836S- DIMSDSNV\	235	>FLT3-I836S- DSMSDSNYV'	1859	1624
>FLT3-I836S- DIMSDSNYV	324	>FLT3-I836S- DSMSDSNYV	10961	10637
>FLT3-I836S- DIMSDSNYV	433	>FLT3-I836S- DSMSDSNYV	9722	9289
>FLT3-I836S- DIMSDSNV\	438	>FLT3-I836S- DSMSDSNYV'	9021	8583
>FLT3-I836S- DIMSDSNYV	424	>FLT3-I836S- DSMSDSNYV	14748	14324
>FLT3-I836S- DIMSDSNYV	8	>FLT3-I836S- DSMSDSNYV	3983	3975
>FLT3-I836S- DIMSDSNV\	16	>FLT3-I836S- DSMSDSNYV'	5015	4999
>FLT3-I836S- DIMSDSNYV	355	>FLT3-I836S- DSMSDSNYV	19140	18785
>FLT3-I836S- DIMSDSNV\	492	>FLT3-I836S- DSMSDSNYV'	21042	20550
>FLT3-I836S- DIMSDSNY	133	>FLT3-I836S- DSMSDSNY	930	797
>FLT3-I836S- DIMSDSNY	16	>FLT3-I836S- DSMSDSNY	18	2
>FLT3-I836S- DIMSDSNY	258	>FLT3-I836S- DSMSDSNY	225	33
>FLT3-I836S- DIMSDSNY	251	>FLT3-I836S- DSMSDSNY	126	125
>FLT3-I836S- DIMSDSNV\	74	>FLT3-I836S- DSMSDSNYV'	93	19
>FLT3-I836S- DIMSDSNY	472	>FLT3-I836S- DSMSDSNY	415	57
>FLT3-I836S- DIMSDSNV\	16	>FLT3-I836S- DSMSDSNYV'	12	4
>FLT3-I836S- DIMSDSNYV	17	>FLT3-I836S- DSMSDSNYV	17	0
>FLT3-I836S- DIMSDSNV\	139	>FLT3-I836S- DSMSDSNYV'	79	60
>FLT3-I836S- DIMSDSNYV	7	>FLT3-I836S- DSMSDSNYV	21	14
>FLT3-I836S- DIMSDSNV\	22	>FLT3-I836S- DSMSDSNYV'	94	72
>FLT3-I836S- DIMSDSNY	373	>FLT3-I836S- DSMSDSNY	2319	1946
>FLT3-I836S- DIMSDSNY	8497	>FLT3-I836S- DSMSDSNY	273	8224

>FLT3-I836S- DIMSDSNY	606	>FLT3-I836S- DSMSDSNY	446	160
>FLT3-I836S- KICDFGLARD	109	>FLT3-I836S- KICDFGLARD	10182	10073
>FLT3-I836S- RDIMSDSNY	384	>FLT3-I836S- RDSMSDSNY	520	136
>FLT3-I836S- RDIMSDSNY\	207	>FLT3-I836S- RDSMSDSNY'	769	562
>FLT3-I836S- RDIMSDSNY	551	>FLT3-I836S- RDSMSDSNY	272	279
>FLT3-I836S- RDIMSDSNY\	121	>FLT3-I836S- RDSMSDSNY'	191	70
>FLT3-I836S- RDIMSDSNY\	47	>FLT3-I836S- RDSMSDSNY'	68	21
>FLT3-I836S- ARDIMSDSN\	207	>FLT3-I836S- ARDSMSDSN	297	90
>FLT3-I836S- ARDIMSDSN\	185	>FLT3-I836S- ARDSMSDSN	196	11
>FLT3-I836S- LARDIMSDSN	168	>FLT3-I836S- LARDSMSDSI	337	169
>FLT3-I836S- LARDIMSDSN	146	>FLT3-I836S- LARDSMSDSI	80	66
>FLT3-I836S- LARDIMSDSN	119	>FLT3-I836S- LARDSMSDSI	36	83
>FLT3-I836S- LARDIMSDSN	5	>FLT3-I836S- LARDSMSDSI	3	2
>FLT3-I836S- LARDIMSDSN	106	>FLT3-I836S- LARDSMSDSI	104	2
>FLT3-I836S- LARDIMSDSN	12	>FLT3-I836S- LARDSMSDSI	17	5
>FLT3-I836S- FGLARDIM	608	>FLT3-I836S- FGLARDSM	446	162
>FLT3-I836S- CDFGLARDI	84	>FLT3-I836S- CDFGLARDS	17148	17064
>FLT3-I836S- ICDFGLARDIM	428	>FLT3-I836S- ICDFGLARDSI	595	167
>FLT3-I836V- IMSDSNYV	11	>FLT3-I836V- VMSDSNYV	12	1
>FLT3-I836V- IMSDSNYVV	12	>FLT3-I836V- VMSDSNYVV	13	1
>FLT3-I836V- IMSDSNYV	2	>FLT3-I836V- VMSDSNYV	2	0
>FLT3-I836V- IMSDSNYVV	3	>FLT3-I836V- VMSDSNYVV	4	1
>FLT3-I836V- IMSDSNYVVF	261	>FLT3-I836V- VMSDSNYVV	613	352
>FLT3-I836V- IMSDSNYV	3	>FLT3-I836V- VMSDSNYV	4	1
>FLT3-I836V- IMSDSNYVV	6	>FLT3-I836V- VMSDSNYVV	7	1
>FLT3-I836V- IMSDSNYV	9	>FLT3-I836V- VMSDSNYV	10	1
>FLT3-I836V- IMSDSNYVV	21	>FLT3-I836V- VMSDSNYVV	22	1
>FLT3-I836V- IMSDSNYV	2	>FLT3-I836V- VMSDSNYV	2	0
>FLT3-I836V- IMSDSNYVV	2	>FLT3-I836V- VMSDSNYVV	2	0
>FLT3-I836V- IMSDSNYV	3	>FLT3-I836V- VMSDSNYV	3	0
>FLT3-I836V- IMSDSNYVV	3	>FLT3-I836V- VMSDSNYVV	2	1
>FLT3-I836V- IMSDSNYV	6	>FLT3-I836V- VMSDSNYV	6	0
>FLT3-I836V- IMSDSNYVV	8	>FLT3-I836V- VMSDSNYVV	7	1
>FLT3-I836V- IMSDSNYV	2	>FLT3-I836V- VMSDSNYV	2	0
>FLT3-I836V- IMSDSNYVV	2	>FLT3-I836V- VMSDSNYVV	2	0
>FLT3-I836V- IMSDSNYV	2	>FLT3-I836V- VMSDSNYV	2	0
>FLT3-I836V- IMSDSNYVV	2	>FLT3-I836V- VMSDSNYVV	2	0
>FLT3-I836V- IMSDSNYVVF	280	>FLT3-I836V- VMSDSNYVV	279	1
>FLT3-I836V- IMSDSNYVVF	68	>FLT3-I836V- VMSDSNYVV	88	20
>FLT3-I836V- IMSDSNYVVF	347	>FLT3-I836V- VMSDSNYVV	588	241
>FLT3-I836V- IMSDSNYVVF	129	>FLT3-I836V- VMSDSNYVV	279	150
>FLT3-I836V- IMSDSNYV	408	>FLT3-I836V- VMSDSNYV	688	280
>FLT3-I836V- IMSDSNYVV	244	>FLT3-I836V- VMSDSNYVV	309	65

>FLT3-I836V- IMSDSNYV	125	>FLT3-I836V- VMDSDSNYV	323	198
>FLT3-I836V- IMSDSNYVV	53	>FLT3-I836V- VMDSDSNYVV	128	75
>FLT3-I836V- IMSDSNYVVF	132	>FLT3-I836V- VMDSDSNYVVF	312	180
>FLT3-I836V- IMSDSNYVVF	47	>FLT3-I836V- VMDSDSNYVVF	98	51
>FLT3-I836V- DIMSDSNV\	224	>FLT3-I836V- DVMSDSNYV	465	241
>FLT3-I836V- DIMSDSNYV	200	>FLT3-I836V- DVMSDSNYV	412	212
>FLT3-I836V- DIMSDSNV\	84	>FLT3-I836V- DVMSDSNYV	136	52
>FLT3-I836V- DIMSDSNV\	282	>FLT3-I836V- DVMSDSNYV	473	191
>FLT3-I836V- DIMSDSNV\	235	>FLT3-I836V- DVMSDSNYV	252	17
>FLT3-I836V- DIMSDSNYV	324	>FLT3-I836V- DVMSDSNYV	1134	810
>FLT3-I836V- DIMSDSNYV	433	>FLT3-I836V- DVMSDSNYV	808	375
>FLT3-I836V- DIMSDSNV\	438	>FLT3-I836V- DVMSDSNYV	780	342
>FLT3-I836V- DIMSDSNYV	424	>FLT3-I836V- DVMSDSNYV	1151	727
>FLT3-I836V- DIMSDSNYV	8	>FLT3-I836V- DVMSDSNYV	15	7
>FLT3-I836V- DIMSDSNV\	16	>FLT3-I836V- DVMSDSNYV	34	18
>FLT3-I836V- DIMSDSNYV	355	>FLT3-I836V- DVMSDSNYV	1025	670
>FLT3-I836V- DIMSDSNV\	492	>FLT3-I836V- DVMSDSNYV	1405	913
>FLT3-I836V- DIMSDSNY	133	>FLT3-I836V- DVMSDSNY	40	93
>FLT3-I836V- DIMSDSNY	16	>FLT3-I836V- DVMSDSNY	7	9
>FLT3-I836V- DIMSDSNYV	1148	>FLT3-I836V- DVMSDSNYV	400	748
>FLT3-I836V- DIMSDSNY	258	>FLT3-I836V- DVMSDSNY	75	183
>FLT3-I836V- DIMSDSNY	730	>FLT3-I836V- DVMSDSNY	430	300
>FLT3-I836V- DIMSDSNY	251	>FLT3-I836V- DVMSDSNY	209	42
>FLT3-I836V- DIMSDSNV\	74	>FLT3-I836V- DVMSDSNYV	62	12
>FLT3-I836V- DIMSDSNY	472	>FLT3-I836V- DVMSDSNY	155	317
>FLT3-I836V- DIMSDSNV\	16	>FLT3-I836V- DVMSDSNYV	8	8
>FLT3-I836V- DIMSDSNYV	17	>FLT3-I836V- DVMSDSNYV	9	8
>FLT3-I836V- DIMSDSNV\	139	>FLT3-I836V- DVMSDSNYV	68	71
>FLT3-I836V- DIMSDSNYV	7	>FLT3-I836V- DVMSDSNYV	6	1
>FLT3-I836V- DIMSDSNV\	22	>FLT3-I836V- DVMSDSNYV	14	8
>FLT3-I836V- DIMSDSNY	373	>FLT3-I836V- DVMSDSNY	468	95
>FLT3-I836V- DIMSDSNY	606	>FLT3-I836V- DVMSDSNY	175	431
>FLT3-I836V- KICDFGLARD	2732	>FLT3-I836V- KICDFGLARD	439	2293
>FLT3-I836V- KICDFGLARD	1817	>FLT3-I836V- KICDFGLARD	466	1351
>FLT3-I836V- KICDFGLARD	997	>FLT3-I836V- KICDFGLARD	90	907
>FLT3-I836V- KICDFGLARD	5150	>FLT3-I836V- KICDFGLARD	61	5089
>FLT3-I836V- KICDFGLARD	109	>FLT3-I836V- KICDFGLARD	1139	1030
>FLT3-I836V- RDIMSDSNY	384	>FLT3-I836V- RDVMSDSNY	502	118
>FLT3-I836V- RDIMSDSN\	207	>FLT3-I836V- RDVMSDSNY	363	156
>FLT3-I836V- RDIMSDSNY	551	>FLT3-I836V- RDVMSDSNY	343	208
>FLT3-I836V- RDIMSDSN\	121	>FLT3-I836V- RDVMSDSNY	187	66
>FLT3-I836V- RDIMSDSN\	47	>FLT3-I836V- RDVMSDSNY	66	19
>FLT3-I836V- ARDIMSDSN\	207	>FLT3-I836V- ARDVMSDSN	254	47

>FLT3-I836V- ARDIMSDSN\	185	>FLT3-I836V- ARDVMSDSN	222	37
>FLT3-I836V- LARDIMSDSN	168	>FLT3-I836V- LARDVMSDSI	251	83
>FLT3-I836V- LARDIMSDSN	146	>FLT3-I836V- LARDVMSDSI	114	32
>FLT3-I836V- LARDIMSDSN	119	>FLT3-I836V- LARDVMSDSI	142	23
>FLT3-I836V- LARDIMSDSN	5	>FLT3-I836V- LARDVMSDSI	6	1
>FLT3-I836V- LARDIMSDSN	106	>FLT3-I836V- LARDVMSDSI	120	14
>FLT3-I836V- LARDIMSDSN	12	>FLT3-I836V- LARDVMSDSI	12	0
>FLT3-I836V- FGLARDIM	608	>FLT3-I836V- FGLARDVM	418	190
>FLT3-I836V- CDFGLARDI	84	>FLT3-I836V- CDFGLARDV	163	79
>FLT3-I836V- ICDFGLARDIM	428	>FLT3-I836V- ICDFGLARDV	382	46
>FLT3-K663C KMMTQLGS	463	>FLT3-K663C QMMTQLGS	1630	1167
>FLT3-K663C KMMTQLGSF	167	>FLT3-K663C QMMTQLGSI	2236	2069
>FLT3-K663C KMMTQLGSF	419	>FLT3-K663C QMMTQLGSI	2523	2104
>FLT3-K663C LKMMTQLGS	15255	>FLT3-K663C LQMMTQLGS	156	15099
>FLT3-K663C LKMMTQLGS	17980	>FLT3-K663C LQMMTQLGS	336	17644
>FLT3-K663C LKMMTQLGS	250	>FLT3-K663C LQMMTQLGS	251	1
>FLT3-K663C SREALMSEL	433	>FLT3-K663C SREALMSEL	9476	9043
>FLT3-K663C SREALMSEL	451	>FLT3-K663C SREALMSEL	569	118
>FLT3-K663C ELKMMTQL	54	>FLT3-K663C ELQMMTQL	21	33
>FLT3-K663C ELKMMTQL	72	>FLT3-K663C ELQMMTQL	945	873
>FLT3-K663C SELKMMTQL	27	>FLT3-K663C SELQMMTQL	17	10
>FLT3-K663C SELKMMTQL	451	>FLT3-K663C SELQMMTQL	507	56
>FLT3-K663C SELKMMTQL	282	>FLT3-K663C SELQMMTQL	234	48
>FLT3-K663C SELKMMTQL	20	>FLT3-K663C SELQMMTQL	15	5
>FLT3-K663C SELKMMTQL	484	>FLT3-K663C SELQMMTQL	308	176
>FLT3-K663C SELKMMTQL	498	>FLT3-K663C SELQMMTQL	331	167
>FLT3-K663C SELKMMTQL	693	>FLT3-K663C SELQMMTQL	331	362
>FLT3-K663C SELKMMTQL	517	>FLT3-K663C SELQMMTQL	379	138
>FLT3-K663C SELKMMTQL	709	>FLT3-K663C SELQMMTQL	381	328
>FLT3-K663C SELKMMTQL	6	>FLT3-K663C SELQMMTQL	5	1
>FLT3-K663C MSELKMMTC	9	>FLT3-K663C MSELQMMTC	11	2
>FLT3-K663C MSELKMMTC	127	>FLT3-K663C MSELQMMTC	116	11
>FLT3-K663C LMSELKMM	1022	>FLT3-K663C LMSELQMM	137	885
>FLT3-K663C LMSELKMMT	2384	>FLT3-K663C LMSELQMMT	355	2029
>FLT3-K663C LMSELKMMT	63	>FLT3-K663C LMSELQMMT	32	31
>FLT3-K663C LMSELKMM	152	>FLT3-K663C LMSELQMM	20	132
>FLT3-K663C LMSELKMMT	721	>FLT3-K663C LMSELQMMT	91	630
>FLT3-K663C LMSELKMMT	6	>FLT3-K663C LMSELQMMT	4	2
>FLT3-K663C LMSELKMM	247	>FLT3-K663C LMSELQMM	77	170
>FLT3-K663C LMSELKMMT	380	>FLT3-K663C LMSELQMMT	91	289
>FLT3-K663C LMSELKMM	12	>FLT3-K663C LMSELQMM	7	5
>FLT3-K663C LMSELKMM	1828	>FLT3-K663C LMSELQMM	371	1457
>FLT3-K663C LMSELKMMT	162	>FLT3-K663C LMSELQMMT	96	66

>FLT3-K663C LMSELKMM	65	>FLT3-K663C LMSELQMM	23	42
>FLT3-K663C LMSELKMMT	116	>FLT3-K663C LMSELQMMT	58	58
>FLT3-K663C LMSELKMMT	14	>FLT3-K663C LMSELQMMT	9	5
>FLT3-K663C LMSELKMM	1012	>FLT3-K663C LMSELQMM	156	856
>FLT3-K663C LMSELKMMT	93	>FLT3-K663C LMSELQMMT	49	44
>FLT3-K663C LMSELKMM	754	>FLT3-K663C LMSELQMM	145	609
>FLT3-K663C LMSELKMMT	670	>FLT3-K663C LMSELQMMT	237	433
>FLT3-K663C LMSELKMMT	31	>FLT3-K663C LMSELQMMT	22	9
>FLT3-K663C LMSELKMM	891	>FLT3-K663C LMSELQMM	73	818
>FLT3-K663C LMSELKMMT	45	>FLT3-K663C LMSELQMMT	18	27
>FLT3-K663C LMSELKMM	84	>FLT3-K663C LMSELQMM	14	70
>FLT3-K663C LMSELKMMT	41	>FLT3-K663C LMSELQMMT	19	22
>FLT3-K663C LMSELKMMT	51	>FLT3-K663C LMSELQMMT	30	21
>FLT3-K663C LMSELKMMT	3	>FLT3-K663C LMSELQMMT	3	0
>FLT3-K663C LMSELKMM	259	>FLT3-K663C LMSELQMM	117	142
>FLT3-K663C LMSELKMMT	509	>FLT3-K663C LMSELQMMT	344	165
>FLT3-K663C LMSELKMM	287	>FLT3-K663C LMSELQMM	138	149
>FLT3-K663C LMSELKMMT	553	>FLT3-K663C LMSELQMMT	428	125
>FLT3-K663C ALMSELKM	112	>FLT3-K663C ALMSELQM	57	55
>FLT3-K663C ALMSELKMM	243	>FLT3-K663C ALMSELQMM	38	205
>FLT3-K663C ALMSELKMM	113	>FLT3-K663C ALMSELQMM	109	4
>FLT3-K663C ALMSELKM	56	>FLT3-K663C ALMSELQM	27	29
>FLT3-K663C ALMSELKMM	58	>FLT3-K663C ALMSELQMM	9	49
>FLT3-K663C ALMSELKMM	44	>FLT3-K663C ALMSELQMM	30	14
>FLT3-K663C ALMSELKMM	486	>FLT3-K663C ALMSELQMM	227	259
>FLT3-K663C ALMSELKM	267	>FLT3-K663C ALMSELQM	147	120
>FLT3-K663C ALMSELKMM	93	>FLT3-K663C ALMSELQMM	38	55
>FLT3-K663C ALMSELKMM	84	>FLT3-K663C ALMSELQMM	118	34
>FLT3-K663C ALMSELKM	931	>FLT3-K663C ALMSELQM	453	478
>FLT3-K663C ALMSELKMM	1182	>FLT3-K663C ALMSELQMM	113	1069
>FLT3-K663C ALMSELKM	226	>FLT3-K663C ALMSELQM	84	142
>FLT3-K663C ALMSELKMM	147	>FLT3-K663C ALMSELQMM	31	116
>FLT3-K663C ALMSELKMM	306	>FLT3-K663C ALMSELQMM	123	183
>FLT3-K663C ALMSELKM	660	>FLT3-K663C ALMSELQM	383	277
>FLT3-K663C ALMSELKMM	1241	>FLT3-K663C ALMSELQMM	106	1135
>FLT3-K663C ALMSELKMM	3585	>FLT3-K663C ALMSELQMM	442	3143
>FLT3-K663C ALMSELKM	231	>FLT3-K663C ALMSELQM	68	163
>FLT3-K663C ALMSELKMM	375	>FLT3-K663C ALMSELQMM	35	340
>FLT3-K663C ALMSELKMM	2606	>FLT3-K663C ALMSELQMM	449	2157
>FLT3-K663C ALMSELKM	50	>FLT3-K663C ALMSELQM	14	36
>FLT3-K663C ALMSELKMM	178	>FLT3-K663C ALMSELQMM	13	165
>FLT3-K663C ALMSELKMM	79	>FLT3-K663C ALMSELQMM	23	56
>FLT3-K663C ALMSELKMM	83	>FLT3-K663C ALMSELQMM	29	54

>FLT3-K663CALMSELKMM	370	>FLT3-K663CALMSELQMM	190	180
>FLT3-K663CALMSELKM	1432	>FLT3-K663CALMSELQM	291	1141
>FLT3-K663CALMSELKMM	1035	>FLT3-K663CALMSELQMM	292	743
>FLT3-K663CALMSELKM	377	>FLT3-K663CALMSELQM	272	105
>FLT3-K663CALMSELKMM	272	>FLT3-K663CALMSELQMM	162	110
>FLT3-K663CEALMSELK	22	>FLT3-K663CEALMSELQ	1825	1803
>FLT3-K663CEALMSELKMI	1217	>FLT3-K663CEALMSELQM	411	806
>FLT3-K663CEALMSELKM	67	>FLT3-K663CEALMSELQM	31	36
>FLT3-K663CEALMSELKMI	270	>FLT3-K663CEALMSELQM	216	54
>FLT3-K663CEALMSELKM	228	>FLT3-K663CEALMSELQM	131	97
>FLT3-K663REALMSELKN	454	>FLT3-K663REALMSELQM	176	278
>FLT3-K663REALMSELKN	39	>FLT3-K663REALMSELQM	134	95
>FLT3-K663REALMSELKN	370	>FLT3-K663REALMSELQM	335	35
>FLT3-K663REALMSELKN	171	>FLT3-K663REALMSELQM	75	96
>FLT3-K663REALMSELKN	128	>FLT3-K663REALMSELQM	80	48
>FLT3-K663REALMSELKN	168	>FLT3-K663REALMSELQM	99	69
>FLT3-K663REALMSELKN	760	>FLT3-K663REALMSELQM	239	521
>FLT3-K663REALMSELKN	377	>FLT3-K663REALMSELQM	183	194
>FLT3-K663REALMSELKN	115	>FLT3-K663REALMSELQM	157	42
>FLT3-K663REALMSELK	146	>FLT3-K663REALMSELQ	200	54
>FLT3-K663REALMSELKN	48	>FLT3-K663REALMSELQM	105	57
>FLT3-K663REALMSELKN	12	>FLT3-K663REALMSELQM	9	3
>FLT3-M737IIPGSREVQI	2067	>FLT3-M737IIPGSREVQI	462	1605
>FLT3-M737IIPGSREVQI	55	>FLT3-M737IIPGSREVQI	63	8
>FLT3-M737IIPGSREVQI	272	>FLT3-M737IIPGSREVQI	735	463
>FLT3-M737IIPGSREVQI	485	>FLT3-M737IIPGSREVQI	4115	3630
>FLT3-M737IIPGSREVQI	178	>FLT3-M737IIPGSREVQI	1084	906
>FLT3-M737IIPGSREVQI	440	>FLT3-M737IIPGSREVQI	3360	2920
>FLT3-M737ISMPGSREV	400	>FLT3-M737ISIPGSREV	3832	3432
>FLT3-M737ISMPGSREV	100	>FLT3-M737ISIPGSREV	1218	1118
>FLT3-M737ISMPGSREVQ	393	>FLT3-M737ISIPGSREVQI	3107	2714
>FLT3-M737ISMPGSREV	25	>FLT3-M737ISIPGSREV	271	246
>FLT3-M737ISMPGSREV	341	>FLT3-M737ISIPGSREV	856	515
>FLT3-M737ISMPGSREV	5	>FLT3-M737ISIPGSREV	98	93
>FLT3-M737ISMPGSREVQ	44	>FLT3-M737ISIPGSREVQI	1443	1399
>FLT3-M737ISMPGSREV	147	>FLT3-M737ISIPGSREV	5231	5084
>FLT3-M737ISMPGSREV	12	>FLT3-M737ISIPGSREV	189	177
>FLT3-M737ISMPGSREVQ	84	>FLT3-M737ISIPGSREVQI	2620	2536
>FLT3-M737ISMPGSREV	284	>FLT3-M737ISIPGSREV	7898	7614
>FLT3-M737ISMPGSREV	3	>FLT3-M737ISIPGSREV	11	8
>FLT3-M737ISMPGSREVQ	455	>FLT3-M737ISIPGSREVQ	8024	7569
>FLT3-M737ISMPGSREVQ	16	>FLT3-M737ISIPGSREVQI	327	311
>FLT3-M737ISMPGSREVQ	433	>FLT3-M737ISIPGSREVQI	820	387

>FLT3-M737I SMPGSREV	1455	>FLT3-M737I SIPGSREV	146	1309
>FLT3-M737I PTFQSHPNSS	93	>FLT3-M737I PTFQSHPNSS	3253	3160
>FLT3-M737I PTFQSHPNSS	4132	>FLT3-M737I PTFQSHPNSS	376	3756
>FLT3-M737I PTFQSHPNSS	326	>FLT3-M737I PTFQSHPNSS	1106	780
>FLT3-M737I PTFQSHPNSS	33	>FLT3-M737I PTFQSHPNSS	277	244
>FLT3-M737I PTFQSHPNSS	40	>FLT3-M737I PTFQSHPNSS	394	354
>FLT3-M737I PTFQSHPNSS	818	>FLT3-M737I PTFQSHPNSS	39	779
>FLT3-M737I SSMPGSREV	259	>FLT3-M737I SSIPGSREV	401	142
>FLT3-M737I SSMPGSREV(C	286	>FLT3-M737I SSIPGSREVQI	1110	824
>FLT3-M737I SSMPGSREV	88	>FLT3-M737I SSIPGSREV	162	74
>FLT3-M737I SSMPGSREV	339	>FLT3-M737I SSIPGSREV	1198	859
>FLT3-M737I SSMPGSREV	59	>FLT3-M737I SSIPGSREV	69	10
>FLT3-M737I SSMPGSREV(C	23	>FLT3-M737I SSIPGSREVQI	25	2
>FLT3-M737I SSMPGSREV	387	>FLT3-M737I SSIPGSREV	733	346
>FLT3-M737I SSMPGSREV(C	18	>FLT3-M737I SSIPGSREVQI	24	6
>FLT3-M737I NSSMPGSR	89	>FLT3-M737I NSSIPGSR	113	24
>FLT3-M737I HPNSSMPG	214	>FLT3-M737I HPNSSIPG	117	97
>FLT3-M737I QSHPNSSM	409	>FLT3-M737I QSHPNSSI	148	261
>FLT3-M737I QSHPNSSMP	144	>FLT3-M737I QSHPNSSIPG	173	29
>FLT3-M737I QSHPNSSM	5716	>FLT3-M737I QSHPNSSI	361	5355
>FLT3-M737I QSHPNSSM	431	>FLT3-M737I QSHPNSSI	4958	4527
>FLT3-M737I QSHPNSSM	95	>FLT3-M737I QSHPNSSI	340	245
>FLT3-M737I QSHPNSSM	8	>FLT3-M737I QSHPNSSI	35	27
>FLT3-M737I QSHPNSSM	229	>FLT3-M737I QSHPNSSI	21	208
>FLT3-M737I FQSHPNSSM	503	>FLT3-M737I FQSHPNSSI	117	386
>FLT3-M737I FQSHPNSSM	488	>FLT3-M737I FQSHPNSSI	41	447
>FLT3-M737I FQSHPNSSM	78	>FLT3-M737I FQSHPNSSI	17	61
>FLT3-M737I FQSHPNSSM	36	>FLT3-M737I FQSHPNSSI	141	105
>FLT3-M737I FQSHPNSSM	153	>FLT3-M737I FQSHPNSSIP	194	41
>FLT3-M737I FQSHPNSSM	29	>FLT3-M737I FQSHPNSSI	194	165
>FLT3-M737I FQSHPNSSM	4	>FLT3-M737I FQSHPNSSI	6	2
>FLT3-M737I FQSHPNSSM	225	>FLT3-M737I FQSHPNSSIP	168	57
>FLT3-M737I FQSHPNSSM	210	>FLT3-M737I FQSHPNSSIP	369	159
>FLT3-M737I FQSHPNSSM	67	>FLT3-M737I FQSHPNSSI	193	126
>FLT3-M737I FQSHPNSSM	179	>FLT3-M737I FQSHPNSSI	2317	2138
>FLT3-M737I FQSHPNSSM	6298	>FLT3-M737I FQSHPNSSI	312	5986
>FLT3-M737I TFQSHPNSSM	2272	>FLT3-M737I TFQSHPNSSI	166	2106
>FLT3-M837I MSDSNYVV	205	>FLT3-M837I PSDSNYVV	1554	1349
>FLT3-M837I MSDSNYVV	365	>FLT3-M837I PSDSNYVV	8365	8000
>FLT3-M837I MSDSNYVV(R	42	>FLT3-M837I PSDSNYVV(R	3054	3012
>FLT3-M837I MSDSNYVV(R	51	>FLT3-M837I PSDSNYVV(R	8176	8125
>FLT3-M837I MSDSNYVV	151	>FLT3-M837I PSDSNYVV	16618	16467
>FLT3-M837I MSDSNYVV	229	>FLT3-M837I PSDSNYVV	8575	8346

>FLT3-M837IIMSDSNYV	11	>FLT3-M837IIPSDSNYV	16031	16020
>FLT3-M837IIMSDSNYVV	12	>FLT3-M837IIPSDSNYVV	15259	15247
>FLT3-M837IIMSDSNYV	2	>FLT3-M837IIPSDSNYV	4450	4448
>FLT3-M837IIMSDSNYVV	3	>FLT3-M837IIPSDSNYVV	9995	9992
>FLT3-M837IIMSDSNYVVF	261	>FLT3-M837IIPSDSNYVVR	32932	32671
>FLT3-M837IIMSDSNYV	3	>FLT3-M837IIPSDSNYV	11870	11867
>FLT3-M837IIMSDSNYVV	6	>FLT3-M837IIPSDSNYVV	17257	17251
>FLT3-M837IIMSDSNYV	9	>FLT3-M837IIPSDSNYV	4884	4875
>FLT3-M837IIMSDSNYVV	21	>FLT3-M837IIPSDSNYVV	8435	8414
>FLT3-M837IIMSDSNYV	2	>FLT3-M837IIPSDSNYV	6211	6209
>FLT3-M837IIMSDSNYVV	2	>FLT3-M837IIPSDSNYVV	8299	8297
>FLT3-M837IIMSDSNYV	3	>FLT3-M837IIPSDSNYV	14674	14671
>FLT3-M837IIMSDSNYVV	3	>FLT3-M837IIPSDSNYVV	12708	12705
>FLT3-M837IIMSDSNYV	6	>FLT3-M837IIPSDSNYV	14624	14618
>FLT3-M837IIMSDSNYVV	8	>FLT3-M837IIPSDSNYVV	17847	17839
>FLT3-M837IIMSDSNYV	2	>FLT3-M837IIPSDSNYV	14038	14036
>FLT3-M837IIMSDSNYVV	2	>FLT3-M837IIPSDSNYVV	14200	14198
>FLT3-M837IIMSDSNYV	2	>FLT3-M837IIPSDSNYV	6729	6727
>FLT3-M837IIMSDSNYVV	2	>FLT3-M837IIPSDSNYVV	9286	9284
>FLT3-M837IIMSDSNYVVF	280	>FLT3-M837IIPSDSNYVVR	10881	10601
>FLT3-M837IIMSDSNYVVF	68	>FLT3-M837IIPSDSNYVVR	1746	1678
>FLT3-M837IIMSDSNYVVF	347	>FLT3-M837IIPSDSNYVVR	4741	4394
>FLT3-M837IIMSDSNYVVF	129	>FLT3-M837IIPSDSNYVVR	1856	1727
>FLT3-M837IIMSDSNYV	408	>FLT3-M837IIPSDSNYV	3051	2643
>FLT3-M837IIMSDSNYVV	19835	>FLT3-M837IIPSDSNYVV	185	19650
>FLT3-M837IIMSDSNYVV	244	>FLT3-M837IIPSDSNYVV	19576	19332
>FLT3-M837IIMSDSNYV	125	>FLT3-M837IIPSDSNYV	5702	5577
>FLT3-M837IIMSDSNYVV	53	>FLT3-M837IIPSDSNYVV	3335	3282
>FLT3-M837IIMSDSNYVVF	132	>FLT3-M837IIPSDSNYVVR	5375	5243
>FLT3-M837IIMSDSNYV	18566	>FLT3-M837IIPSDSNYV	200	18366
>FLT3-M837IIMSDSNYVV	19656	>FLT3-M837IIPSDSNYVV	217	19439
>FLT3-M837IIMSDSNYVV	26197	>FLT3-M837IIPSDSNYVV	174	26023
>FLT3-M837IIMSDSNYVV	23970	>FLT3-M837IIPSDSNYVV	129	23841
>FLT3-M837IIMSDSNYVVF	47	>FLT3-M837IIPSDSNYVVR	238	191
>FLT3-M837IICDFGLARDIF	428	>FLT3-M837IICDFGLARDIF	25013	24585
>FLT3-M837IDIMSDSNYV\	224	>FLT3-M837IDIPSDSNYVV	6157	5933
>FLT3-M837IDIMSDSNYV	200	>FLT3-M837IDIPSDSNYV	3024	2824
>FLT3-M837IDIMSDSNYV\	84	>FLT3-M837IDIPSDSNYVV	1059	975
>FLT3-M837IDIMSDSNYV\	282	>FLT3-M837IDIPSDSNYVV	3068	2786
>FLT3-M837IDIMSDSNYV\	235	>FLT3-M837IDIPSDSNYVV	1488	1253
>FLT3-M837IDIMSDSNYV	324	>FLT3-M837IDIPSDSNYV	1044	720
>FLT3-M837IDIMSDSNYV	433	>FLT3-M837IDIPSDSNYV	4949	4516
>FLT3-M837IDIMSDSNYV\	438	>FLT3-M837IDIPSDSNYVV	4799	4361



>FLT3-M837I DIMSDSNV	424	>FLT3-M837I DIPSDSNV	1241	817
>FLT3-M837I DIMSDSNV	8	>FLT3-M837I DIPSDSNV	950	942
>FLT3-M837I DIMSDSNV\	16	>FLT3-M837I DIPSDSNVV	1610	1594
>FLT3-M837I DIMSDSNV	355	>FLT3-M837I DIPSDSNV	738	383
>FLT3-M837I DIMSDSNV\	492	>FLT3-M837I DIPSDSNVV	971	479
>FLT3-M837I DIMSDSNY	133	>FLT3-M837I DIPSDSNY	985	852
>FLT3-M837I DIMSDSNY	16	>FLT3-M837I DIPSDSNY	55	39
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>FLT3-M837I DIMSDSNY	251	>FLT3-M837I DIPSDSNY	993	742
>FLT3-M837I DIMSDSNV\	74	>FLT3-M837I DIPSDSNVV	722	648
>FLT3-M837I DIMSDSNY	472	>FLT3-M837I DIPSDSNY	4279	3807
>FLT3-M837I DIMSDSNV\	16	>FLT3-M837I DIPSDSNVV	106	90
>FLT3-M837I DIMSDSNV	17	>FLT3-M837I DIPSDSNV	50	33
>FLT3-M837I DIMSDSNV\	139	>FLT3-M837I DIPSDSNVV	209	70
>FLT3-M837I DIMSDSNV	7	>FLT3-M837I DIPSDSNV	164	157
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>FLT3-M837I DIMSDSNY	373	>FLT3-M837I DIPSDSNY	1981	1608
>FLT3-M837I RDIMSDSNY	384	>FLT3-M837I RDIPSDSNY	311	73
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>FLT3-M837I RDIMSDSNY\	207	>FLT3-M837I RDIPSDSNY'	520	313
>FLT3-M837I RDIMSDSNY	551	>FLT3-M837I RDIPSDSNY	394	157
>FLT3-M837I RDIMSDSNY\	121	>FLT3-M837I RDIPSDSNYV	102	19
>FLT3-M837I RDIMSDSNY\	47	>FLT3-M837I RDIPSDSNYV'	40	7
>FLT3-M837I ARDIMSDSNY	207	>FLT3-M837I ARDIPSDSNY	174	33
>FLT3-M837I ARDIMSDSNY	185	>FLT3-M837I ARDIPSDSNY	274	89
>FLT3-M837I LARDIMSDSN	168	>FLT3-M837I LARDIPSDSN'	298	130
>FLT3-M837I LARDIMSDSN	146	>FLT3-M837I LARDIPSDSN'	231	85
>FLT3-M837I LARDIMSDSN	119	>FLT3-M837I LARDIPSDSN'	84	35
>FLT3-M837I LARDIMSDSN	5	>FLT3-M837I LARDIPSDSN'	7	2
>FLT3-M837I LARDIMSDSN	106	>FLT3-M837I LARDIPSDSN'	77	29
>FLT3-M837I LARDIMSDSN	12	>FLT3-M837I LARDIPSDSN'	16	4
>FLT3-N530Y NSPGPFPI	633	>FLT3-N530Y YSPGPFPI	22	611
>FLT3-N530Y NSPGPFPI	10900	>FLT3-N530Y YSPGPFPI	381	10519
>FLT3-N530Y NSPGPFPI	2010	>FLT3-N530Y YSPGPFPI	371	1639
>FLT3-N530Y NSPGPFPI	2480	>FLT3-N530Y YSPGPFPI	229	2251
>FLT3-N530Y NSPGPFPI	897	>FLT3-N530Y YSPGPFPI	191	706
>FLT3-N530Y NSPGPFPI	1188	>FLT3-N530Y YSPGPFPI	492	696
>FLT3-N530Y NSPGPFPI	72	>FLT3-N530Y YSPGPFPI	100	28
>FLT3-N530Y NSPGPFPI	342	>FLT3-N530Y YSPGPFPI	216	126
>FLT3-N530Y NSPGPFPI	3452	>FLT3-N530Y YSPGPFPI	262	3190
>FLT3-N530Y NSPGPFPI	2363	>FLT3-N530Y YSPGPFPI	121	2242
>FLT3-N530Y NSPGPFPI	1459	>FLT3-N530Y YSPGPFPI	17	1442
>FLT3-N530Y NSPGPFPI	1854	>FLT3-N530Y YSPGPFPI	276	1578

>FLT3-N530YNSPGPFPPF	13	>FLT3-N530Y YSPGPFPPF	4	9
>FLT3-N530YNSPGPFPPFI	3	>FLT3-N530Y YSPGPFPPFI	1	2
>FLT3-N530YNSPGPFPPFIQ	121	>FLT3-N530Y YSPGPFPPFIQ	5	116
>FLT3-N530YNSPGPFPPFIQI	628	>FLT3-N530Y YSPGPFPPFIQI	15	613
>FLT3-N530YNSPGPFPPF	4486	>FLT3-N530Y YSPGPFPPF	326	4160
>FLT3-N530YNSPGPFPPFI	93	>FLT3-N530Y YSPGPFPPFI	23	70
>FLT3-N530YLNSPGPFPPF	5815	>FLT3-N530Y LYSPGPFPPF	25	5790
>FLT3-N530YLNSPGPFPPF	3046	>FLT3-N530Y LYSPGPFPPF	33	3013
>FLT3-N530YLNSPGPFPPFI	30459	>FLT3-N530Y LYSPGPFPPFI	436	30023
>FLT3-N530YLNSPGPFPPF	9945	>FLT3-N530Y LYSPGPFPPF	7	9938
>FLT3-N530YLNSPGPFPPFI	15997	>FLT3-N530Y LYSPGPFPPFI	8	15989
>FLT3-N530YLNSPGPFPPF	996	>FLT3-N530Y LYSPGPFPPF	49	947
>FLT3-N530YLNSPGPFPPFI	7423	>FLT3-N530Y LYSPGPFPPFI	488	6935
>FLT3-N530YLNSPGPFPPF	290	>FLT3-N530Y LYSPGPFPPF	2568	2278
>FLT3-N530YLNSPGPFPPF	108	>FLT3-N530Y LYSPGPFPPF	298	190
>FLT3-N530YLNSPGPFPPF	242	>FLT3-N530Y LYSPGPFPPF	307	65
>FLT3-N530YLNSPGPFPPFI	13229	>FLT3-N530Y LYSPGPFPPFI	103	13126
>FLT3-N530YLNSPGPFPPF	23079	>FLT3-N530Y LYSPGPFPPF	451	22628
>FLT3-N530YLNSPGPFPPF	28790	>FLT3-N530Y LYSPGPFPPF	361	28429
>FLT3-N530YLNSPGPFPPFI	9532	>FLT3-N530Y LYSPGPFPPFI	31	9501
>FLT3-N530Y LGTSCETILLN	22614	>FLT3-N530Y LGTSCETILLY	202	22412
>FLT3-N530Y LGTSCETILLN	28213	>FLT3-N530Y LGTSCETILLY	182	28031
>FLT3-N530Y LGTSCETILLN	8399	>FLT3-N530Y LGTSCETILLY	60	8339
>FLT3-N530YLLNSPGPFPPFI	63	>FLT3-N530Y LLYSPGPFPPFI	18	45
>FLT3-N530YLLNSPGPFPPF	1649	>FLT3-N530Y LLYSPGPFPPF	205	1444
>FLT3-N530YLLNSPGPFPPFI	41	>FLT3-N530Y LLYSPGPFPPFI	33	8
>FLT3-N530YLLNSPGPFPPFI	23	>FLT3-N530Y LLYSPGPFPPFI	14	9
>FLT3-N530YLLNSPGPFPPFI	105	>FLT3-N530Y LLYSPGPFPPFI	26	79
>FLT3-N530YLLNSPGPF	1332	>FLT3-N530Y LLYSPGPF	88	1244
>FLT3-N530YLLNSPGPFPPF	2289	>FLT3-N530Y LLYSPGPFPPF	176	2113
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>FLT3-N530YLLNSPGPFPPFI	41	>FLT3-N530Y LLYSPGPFPPFI	14	27
>FLT3-N530YLLNSPGPFPPFI	13	>FLT3-N530Y LLYSPGPFPPFI	6	7
>FLT3-N530YLLNSPGPFPPFI	18	>FLT3-N530Y LLYSPGPFPPFI	20	2
>FLT3-N530YLLNSPGPFPPF	865	>FLT3-N530Y LLYSPGPFPPF	173	692
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>FLT3-N530YLLNSPGPFPPF	1105	>FLT3-N530Y LLYSPGPFPPF	298	807
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>FLT3-N530YLLNSPGPF	32	>FLT3-N530Y LLYSPGPF	24	8
>FLT3-N530YLLNSPGPFPPF	35	>FLT3-N530Y LLYSPGPFPPF	27	8
>FLT3-N530YLLNSPGPF	80	>FLT3-N530Y LLYSPGPF	20	60

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>FLT3-N530Y LLNSPGPF	11	>FLT3-N530Y LLYSPGPF	4	7
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>FLT3-N530Y LLNSPGPF	835	>FLT3-N530Y LLYSPGPF	335	500
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>FLT3-N530Y LLNSPGPF	441	>FLT3-N530Y LLYSPGPF	117	324
>FLT3-N530Y LLNSPGPFPI	897	>FLT3-N530Y LLYSPGPFPI	66	831
>FLT3-N530Y ILLNSPGPF	246	>FLT3-N530Y ILLYSPGPF	494	248
>FLT3-N530Y ILLNSPGPF	362	>FLT3-N530Y ILLYSPGPF	2481	2119
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>FLT3-N530Y ILLNSPGPF	108	>FLT3-N530Y ILLYSPGPF	85	23
>FLT3-N530Y ILLNSPGPF	88	>FLT3-N530Y ILLYSPGPF	91	3
>FLT3-N530Y ILLNSPGPF	107	>FLT3-N530Y ILLYSPGPF	109	2
>FLT3-N530Y ILLNSPGPF	38	>FLT3-N530Y ILLYSPGPF	56	18
>FLT3-N530Y ILLNSPGPF	60	>FLT3-N530Y ILLYSPGPF	85	25
>FLT3-N530Y ILLNSPGPF	8	>FLT3-N530Y ILLYSPGPF	9	1
>FLT3-N530Y ILLNSPGPF	7	>FLT3-N530Y ILLYSPGPF	8	1
>FLT3-N530Y ILLNSPGPF	175	>FLT3-N530Y ILLYSPGPF	130	45
>FLT3-N530Y ILLNSPGPF	82	>FLT3-N530Y ILLYSPGPF	66	16
>FLT3-N530Y ILLNSPGPF	494	>FLT3-N530Y ILLYSPGPF	461	33
>FLT3-N530Y TILLNSPGPF	252	>FLT3-N530Y TILLYSPGPF	403	151
>FLT3-N530Y ETILLNSPGPF	177	>FLT3-N530Y ETILLYSPGPF	89	88
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>FLT3-N530Y ETILLNSPGPF	4	>FLT3-N530Y ETILLYSPGPF	3	1
>FLT3-N530Y ETILLNSPGPF	16	>FLT3-N530Y ETILLYSPGPF	28	12
>FLT3-N530Y ETILLNSPG	291	>FLT3-N530Y ETILLYSPG	235	56
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>FLT3-N530Y CETILLNSPG	1396	>FLT3-N530Y CETILLYSPG	454	942
>FLT3-N530Y SCETILLN	20860	>FLT3-N530Y SCETILLY	222	20638
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>FLT3-N530Y SCETILLN	21271	>FLT3-N530Y SCETILLY	22	21249
>FLT3-N530Y SCETILLN	36756	>FLT3-N530Y SCETILLY	406	36350
>FLT3-N530Y TSCETILLN	18708	>FLT3-N530Y TSCETILLY	50	18658
>FLT3-N530Y TSCETILLN	9217	>FLT3-N530Y TSCETILLY	50	9167
>FLT3-N530Y TSCETILLN	29826	>FLT3-N530Y TSCETILLY	349	29477
>FLT3-N530Y TSCETILLN	30540	>FLT3-N530Y TSCETILLY	435	30105
>FLT3-N530Y TSCETILLN	16935	>FLT3-N530Y TSCETILLY	32	16903

>FLT3-N530YTSCETILLN	25759	>FLT3-N530YTSCETILLY	386	25373
>FLT3-N530YTSCETILLN	19195	>FLT3-N530YTSCETILLY	34	19161
>FLT3-N530YTSCETILLN	12599	>FLT3-N530YTSCETILLY	11	12588
>FLT3-N530YTSCETILLN	20003	>FLT3-N530YTSCETILLY	458	19545
>FLT3-N530YTSCETILLN	16878	>FLT3-N530YTSCETILLY	241	16637
>FLT3-N530YGTSCETILLN	24279	>FLT3-N530YGTSCETILLY	91	24188
>FLT3-N530YGTSCETILLN	17200	>FLT3-N530YGTSCETILLY	437	16763
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>FLT3-N530YGTSCETILLN	24610	>FLT3-N530YGTSCETILLY	47	24563
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>FLT3-N530YGTSCETILLN	20672	>FLT3-N530YGTSCETILLY	84	20588
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>FLT3-N530YGTSCETILLN	12907	>FLT3-N530YGTSCETILLY	42	12865
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>FLT3-N841FNYVVRGNAR	81	>FLT3-N841FHYVVRGNAR	110	29
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>FLT3-N841FNYVVRGNAR	344	>FLT3-N841FHYVVRGNAR	30	314
>FLT3-N841FNYVVRGNAR	65	>FLT3-N841FHYVVRGNAR	33	32
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>FLT3-N841FSNYVVRGNAI	103	>FLT3-N841FSHYVVRGNAI	276	173
>FLT3-N841FSNYVVRGNAI	4208	>FLT3-N841FSHYVVRGNAI	126	4082
>FLT3-N841FSNYVVRGNAI	7605	>FLT3-N841FSHYVVRGNAI	148	7457
>FLT3-N841FDSNYVVRGN.	53	>FLT3-N841FDSHYVVRGN.	54	1
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>FLT3-N841FMSDSNYVV	205	>FLT3-N841FMSDSHYVV	325	120
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>FLT3-N841FMSDSNYVVR	42	>FLT3-N841FMSDSHYVVR	17	25
>FLT3-N841FMSDSNYVVR	51	>FLT3-N841FMSDSHYVVR	78	27
>FLT3-N841FMSDSNYVV	151	>FLT3-N841FMSDSHYVV	268	117
>FLT3-N841FMSDSNYVV	229	>FLT3-N841FMSDSHYVV	209	20
>FLT3-N841FIMSDSNYV	11	>FLT3-N841FIMSDSHYV	10	1
>FLT3-N841FIMSDSNYVV	12	>FLT3-N841FIMSDSHYVV	22	10
>FLT3-N841FIMSDSNYV	2	>FLT3-N841FIMSDSHYV	2	0
>FLT3-N841FIMSDSNYVV	3	>FLT3-N841FIMSDSHYVV	4	1
>FLT3-N841FIMSDSNYVVF	261	>FLT3-N841FIMSDSHYVVF	345	84
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>FLT3-N841FIMSDSNYV	9	>FLT3-N841FIMSDSHYV	8	1
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>FLT3-N841F IMSDSNYVV	8	>FLT3-N841F IMSDSHYVV	8	0
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>FLT3-N841F IMSDSNYVVF	129	>FLT3-N841F IMSDSHYVVF	164	35
>FLT3-N841F IMSDSNYV	408	>FLT3-N841F IMSDSHYV	364	44
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>FLT3-N841F IMSDSNYVV	244	>FLT3-N841F IMSDSHYVV	209	35
>FLT3-N841F IMSDSNYV	125	>FLT3-N841F IMSDSHYV	148	23
>FLT3-N841F IMSDSNYVV	53	>FLT3-N841F IMSDSHYVV	36	17
>FLT3-N841F IMSDSNYVVF	132	>FLT3-N841F IMSDSHYVVF	109	23
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>FLT3-N841F IMSDSNYVVF	47	>FLT3-N841F IMSDSHYVVF	51	4
>FLT3-N841F DIMSDSNV\	224	>FLT3-N841F DIMSDSHY\	278	54
>FLT3-N841F DIMSDSNYV	200	>FLT3-N841F DIMSDSHYV	157	43
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>FLT3-N841F DIMSDSNYV	621	>FLT3-N841F DIMSDSHYV	475	146
>FLT3-N841F DIMSDSNV\	282	>FLT3-N841F DIMSDSHY\	270	12
>FLT3-N841F DIMSDSNYV	710	>FLT3-N841F DIMSDSHYV	296	414
>FLT3-N841F DIMSDSNV\	235	>FLT3-N841F DIMSDSHY\	350	115
>FLT3-N841F DIMSDSNYV	324	>FLT3-N841F DIMSDSHYV	44	280
>FLT3-N841F DIMSDSNV\	693	>FLT3-N841F DIMSDSHY\	254	439
>FLT3-N841F DIMSDSNYV	433	>FLT3-N841F DIMSDSHYV	62	371
>FLT3-N841F DIMSDSNV\	438	>FLT3-N841F DIMSDSHY\	339	99
>FLT3-N841F DIMSDSNYV	424	>FLT3-N841F DIMSDSHYV	76	348
>FLT3-N841F DIMSDSNYV	8	>FLT3-N841F DIMSDSHYV	2	6
>FLT3-N841F DIMSDSNV\	16	>FLT3-N841F DIMSDSHY\	14	2
>FLT3-N841F DIMSDSNYV	355	>FLT3-N841F DIMSDSHYV	23	332
>FLT3-N841F DIMSDSNV\	492	>FLT3-N841F DIMSDSHY\	159	333
>FLT3-N841F DIMSDSNY	133	>FLT3-N841F DIMSDSHY	138	5
>FLT3-N841F DIMSDSNY	16	>FLT3-N841F DIMSDSHY	11	5
>FLT3-N841F DIMSDSNY	258	>FLT3-N841F DIMSDSHY	1229	971
>FLT3-N841F DIMSDSNY	730	>FLT3-N841F DIMSDSHY	375	355
>FLT3-N841F DIMSDSNY	251	>FLT3-N841F DIMSDSHY	137	114
>FLT3-N841F DIMSDSNV\	74	>FLT3-N841F DIMSDSHY\	53	21
>FLT3-N841F DIMSDSNY	472	>FLT3-N841F DIMSDSHY	389	83
>FLT3-N841F DIMSDSNV\	16	>FLT3-N841F DIMSDSHY\	15	1

>FLT3-N841F DIMSDSNV	17	>FLT3-N841F DIMSDSHYV	11	6
>FLT3-N841F DIMSDSNV\	139	>FLT3-N841F DIMSDSHYV\	98	41
>FLT3-N841F DIMSDSNV	7	>FLT3-N841F DIMSDSHYV	4	3
>FLT3-N841F DIMSDSNV\	22	>FLT3-N841F DIMSDSHYV\	16	6
>FLT3-N841F DIMSDSNY	373	>FLT3-N841F DIMSDSHY	535	162
>FLT3-N841F DIMSDSNV\	525	>FLT3-N841F DIMSDSHYV\	329	196
>FLT3-N841F RDIMSDSNY	1403	>FLT3-N841F RDIMSDSHY	167	1236
>FLT3-N841F RDIMSDSNY	384	>FLT3-N841F RDIMSDSHY	436	52
>FLT3-N841F RDIMSDSNV\	207	>FLT3-N841F RDIMSDSHY\	228	21
>FLT3-N841F RDIMSDSNV\	121	>FLT3-N841F RDIMSDSHY\	101	20
>FLT3-N841F RDIMSDSNV\	47	>FLT3-N841F RDIMSDSHY\	66	19
>FLT3-N841F ARDIMSDSN\	207	>FLT3-N841F ARDIMSDSH\	300	93
>FLT3-N841F ARDIMSDSN\	185	>FLT3-N841F ARDIMSDSH\	157	28
>FLT3-N841F LARDIMSDSN	644	>FLT3-N841F LARDIMSDSH	435	209
>FLT3-N841F LARDIMSDSN	168	>FLT3-N841F LARDIMSDSH	115	53
>FLT3-N841F LARDIMSDSN	146	>FLT3-N841F LARDIMSDSH	60	86
>FLT3-N841F LARDIMSDSN	119	>FLT3-N841F LARDIMSDSH	145	26
>FLT3-N841F LARDIMSDSN	5	>FLT3-N841F LARDIMSDSH	5	0
>FLT3-N841F LARDIMSDSN	106	>FLT3-N841F LARDIMSDSH	197	91
>FLT3-N841F LARDIMSDSN	12	>FLT3-N841F LARDIMSDSH	13	1
>FLT3-N841KNYVVRGNAR	81	>FLT3-N841KNYVVRGNARI	20	61
>FLT3-N841KNYVVRGNAR	292	>FLT3-N841KNYVVRGNARI	107	185
>FLT3-N841KNYVVRGNAR	344	>FLT3-N841KNYVVRGNAR	13	331
>FLT3-N841KNYVVRGNAR	65	>FLT3-N841KNYVVRGNAR	1794	1729
>FLT3-N841KNYVVRGNAR	294	>FLT3-N841KNYVVRGNAR	28	266
>FLT3-N841KNYVVRGNA	2623	>FLT3-N841KNYVVRGNA	311	2312
>FLT3-N841KSNYVVRGNA\	103	>FLT3-N841KSNYVVRGNA\	771	668
>FLT3-N841KSNYVVRGNA\	507	>FLT3-N841KSNYVVRGNA\	404	103
>FLT3-N841KSNYVVRGNA\	7624	>FLT3-N841KSNYVVRGNA\	209	7415
>FLT3-N841KSNYVVRGNA\	7146	>FLT3-N841KSNYVVRGNA\	183	6963
>FLT3-N841KGLARDIMSDS	19918	>FLT3-N841KGLARDIMSDS	209	19709
>FLT3-N841KGLARDIMSDS	25539	>FLT3-N841KGLARDIMSDS	151	25388
>FLT3-N841KDSNYVVRGN.	749	>FLT3-N841KDSNYVVRGN.	463	286
>FLT3-N841KDSNYVVRGN.	53	>FLT3-N841KDSNYVVRGN.	34	19
>FLT3-N841KDSNYVVRGN.	24	>FLT3-N841KDSNYVVRGN.	45	21
>FLT3-N841KMSDSNYVV	205	>FLT3-N841KMSDSNYVV	716	511
>FLT3-N841KMSDSNYVV	365	>FLT3-N841KMSDSNYVV	784	419
>FLT3-N841KMSDSNYVVR	42	>FLT3-N841KMSDSNYVVR	27	15
>FLT3-N841KMSDSNYVVR	51	>FLT3-N841KMSDSNYVVR	145	94
>FLT3-N841KMSDSNYVV	151	>FLT3-N841KMSDSNYVV	419	268
>FLT3-N841KMSDSNYVV	229	>FLT3-N841KMSDSNYVV	1068	839
>FLT3-N841KIMSDSNYV	11	>FLT3-N841KIMSDSNYV	28	17
>FLT3-N841KIMSDSNYVV	12	>FLT3-N841KIMSDSNYVV	29	17

>FLT3-N841KIMSDSNYV	2	>FLT3-N841KIMSDSKYV	5	3
>FLT3-N841KIMSDSNYVV	3	>FLT3-N841KIMSDSKYVV	7	4
>FLT3-N841KIMSDSNYVVF	261	>FLT3-N841KIMSDSKYVVR	711	450
>FLT3-N841KIMSDSNYV	3	>FLT3-N841KIMSDSKYV	5	2
>FLT3-N841KIMSDSNYVV	6	>FLT3-N841KIMSDSKYVV	14	8
>FLT3-N841KIMSDSNYV	9	>FLT3-N841KIMSDSKYV	37	28
>FLT3-N841KIMSDSNYVV	21	>FLT3-N841KIMSDSKYVV	75	54
>FLT3-N841KIMSDSNYV	2	>FLT3-N841KIMSDSKYV	2	0
>FLT3-N841KIMSDSNYVV	2	>FLT3-N841KIMSDSKYVV	3	1
>FLT3-N841KIMSDSNYV	3	>FLT3-N841KIMSDSKYV	4	1
>FLT3-N841KIMSDSNYVV	3	>FLT3-N841KIMSDSKYVV	3	0
>FLT3-N841KIMSDSNYV	6	>FLT3-N841KIMSDSKYV	9	3
>FLT3-N841KIMSDSNYVV	8	>FLT3-N841KIMSDSKYVV	10	2
>FLT3-N841KIMSDSNYV	2	>FLT3-N841KIMSDSKYV	3	1
>FLT3-N841KIMSDSNYVV	2	>FLT3-N841KIMSDSKYVV	2	0
>FLT3-N841KIMSDSNYV	2	>FLT3-N841KIMSDSKYV	2	0
>FLT3-N841KIMSDSNYVV	2	>FLT3-N841KIMSDSKYVV	2	0
>FLT3-N841KIMSDSNYVVF	280	>FLT3-N841KIMSDSKYVVR	299	19
>FLT3-N841KIMSDSNYVVF	68	>FLT3-N841KIMSDSKYVVR	34	34
>FLT3-N841KIMSDSNYVVF	347	>FLT3-N841KIMSDSKYVVR	221	126
>FLT3-N841KIMSDSNYVVF	129	>FLT3-N841KIMSDSKYVVR	261	132
>FLT3-N841KIMSDSNYV	408	>FLT3-N841KIMSDSKYV	2986	2578
>FLT3-N841KIMSDSNYVV	244	>FLT3-N841KIMSDSKYVV	701	457
>FLT3-N841KIMSDSNYV	125	>FLT3-N841KIMSDSKYV	219	94
>FLT3-N841KIMSDSNYVV	53	>FLT3-N841KIMSDSKYVV	162	109
>FLT3-N841KIMSDSNYVVF	132	>FLT3-N841KIMSDSKYVVR	375	243
>FLT3-N841KIMSDSNYVVF	500	>FLT3-N841KIMSDSKYVVR	257	243
>FLT3-N841KIMSDSNYVVF	47	>FLT3-N841KIMSDSKYVVR	60	13
>FLT3-N841KDIMSdsnYV\	224	>FLT3-N841KDIMSdsnYVV	652	428
>FLT3-N841KDIMSdsnYV	200	>FLT3-N841KDIMSdsnYV	2778	2578
>FLT3-N841KDIMSdsnYV\	84	>FLT3-N841KDIMSdsnYVV	245	161
>FLT3-N841KDIMSdsnYV\	282	>FLT3-N841KDIMSdsnYVV	456	174
>FLT3-N841KDIMSdsnYV\	235	>FLT3-N841KDIMSdsnYVV	832	597
>FLT3-N841KDIMSdsnYV	324	>FLT3-N841KDIMSdsnYV	574	250
>FLT3-N841KDIMSdsnYV	433	>FLT3-N841KDIMSdsnYV	2122	1689
>FLT3-N841KDIMSdsnYV\	438	>FLT3-N841KDIMSdsnYVV	1153	715
>FLT3-N841KDIMSdsnYV	424	>FLT3-N841KDIMSdsnYV	1410	986
>FLT3-N841KDIMSdsnYV	8	>FLT3-N841KDIMSdsnYV	21	13
>FLT3-N841KDIMSdsnYV\	16	>FLT3-N841KDIMSdsnYVV	38	22
>FLT3-N841KDIMSdsnYV	355	>FLT3-N841KDIMSdsnYV	788	433
>FLT3-N841KDIMSdsnYV\	492	>FLT3-N841KDIMSdsnYVV	633	141
>FLT3-N841KDIMSdsnY	133	>FLT3-N841KDIMSdsnY	107	26
>FLT3-N841KDIMSdsnY	16	>FLT3-N841KDIMSdsnY	35	19

>FLT3-N841K DIMSDSNY	258	>FLT3-N841K DIMSDSKY	2554	2296
>FLT3-N841K DIMSDSNY	251	>FLT3-N841K DIMSDSKY	310	59
>FLT3-N841K DIMSDSNYV\	74	>FLT3-N841K DIMSDSKYV\	73	1
>FLT3-N841K DIMSDSNY	472	>FLT3-N841K DIMSDSKY	633	161
>FLT3-N841K DIMSDSNYV\	16	>FLT3-N841K DIMSDSKYV\	31	15
>FLT3-N841K DIMSDSNYV	17	>FLT3-N841K DIMSDSKYV	112	95
>FLT3-N841K DIMSDSNYV\	139	>FLT3-N841K DIMSDSKYV\	494	355
>FLT3-N841K DIMSDSNYV	7	>FLT3-N841K DIMSDSKYV	23	16
>FLT3-N841K DIMSDSNYV\	22	>FLT3-N841K DIMSDSKYV\	62	40
>FLT3-N841K DIMSDSNY	373	>FLT3-N841K DIMSDSKY	366	7
>FLT3-N841K RDIMSDSNY	384	>FLT3-N841K RDIMSDSKY	756	372
>FLT3-N841K RDIMSDSNY\	207	>FLT3-N841K RDIMSDSKYV	403	196
>FLT3-N841K RDIMSDSNY	551	>FLT3-N841K RDIMSDSKY	212	339
>FLT3-N841K RDIMSDSNY\	121	>FLT3-N841K RDIMSDSKYV	181	60
>FLT3-N841K RDIMSDSNY\	47	>FLT3-N841K RDIMSDSKYV	51	4
>FLT3-N841K ARDIMSDSNY	207	>FLT3-N841K ARDIMSDSKY	183	24
>FLT3-N841K ARDIMSDSNY	185	>FLT3-N841K ARDIMSDSKY	135	50
>FLT3-N841K LARDIMSDSN	6695	>FLT3-N841K LARDIMSDSK	18	6677
>FLT3-N841K LARDIMSDSN	168	>FLT3-N841K LARDIMSDSK	124	44
>FLT3-N841K LARDIMSDSN	146	>FLT3-N841K LARDIMSDSK	262	116
>FLT3-N841K LARDIMSDSN	119	>FLT3-N841K LARDIMSDSK	285	166
>FLT3-N841K LARDIMSDSN	5	>FLT3-N841K LARDIMSDSK	5	0
>FLT3-N841K LARDIMSDSN	106	>FLT3-N841K LARDIMSDSK	95	11
>FLT3-N841K LARDIMSDSN	12	>FLT3-N841K LARDIMSDSK	8	4
>FLT3-P31L-v PVIKCVLI	11043	>FLT3-P31L-r LVIKCVLI	371	10672
>FLT3-P31L-v PVIKCVLI	7723	>FLT3-P31L-r LVIKCVLI	382	7341
>FLT3-P31L-v PVIKCVLI	6025	>FLT3-P31L-r LVIKCVLI	335	5690
>FLT3-P31L-v PVIKCVLI	9191	>FLT3-P31L-r LVIKCVLI	89	9102
>FLT3-P31L-v PVIKCVLINHK	4180	>FLT3-P31L-r LVIKCVLINHK	293	3887
>FLT3-P31L-v PVIKCVLINHK	1107	>FLT3-P31L-r LVIKCVLINHK	71	1036
>FLT3-P31L-v PVIKCVLINHK	2534	>FLT3-P31L-r LVIKCVLINHK	327	2207
>FLT3-P31L-v PVIKCVLINHK	2367	>FLT3-P31L-r LVIKCVLINHK	116	2251
>FLT3-P31L-v PVIKCVLI	4604	>FLT3-P31L-r LVIKCVLI	205	4399
>FLT3-P31L-v LPVIKCVL	26038	>FLT3-P31L-r LLVIKCVL	293	25745
>FLT3-P31L-v LPVIKCVLI	26309	>FLT3-P31L-r LLVIKCVLI	97	26212
>FLT3-P31L-v LPVIKCVLI	18951	>FLT3-P31L-r LLVIKCVLI	190	18761
>FLT3-P31L-v LPVIKCVL	26062	>FLT3-P31L-r LLVIKCVL	90	25972
>FLT3-P31L-v LPVIKCVLI	28956	>FLT3-P31L-r LLVIKCVLI	345	28611
>FLT3-P31L-v LPVIKCVL	25995	>FLT3-P31L-r LLVIKCVL	318	25677
>FLT3-P31L-v LPVIKCVL	29619	>FLT3-P31L-r LLVIKCVL	9	29610
>FLT3-P31L-v LPVIKCVLI	34429	>FLT3-P31L-r LLVIKCVLI	33	34396
>FLT3-P31L-v LPVIKCVL	67	>FLT3-P31L-r LLVIKCVL	20168	20101
>FLT3-P31L-v LPVIKCVL	353	>FLT3-P31L-r LLVIKCVL	328	25



>FLT3-P31L-v LPVIKCVLI	65	>FLT3-P31L-r LLVIKCVLI	16003	15938
>FLT3-P31L-v LPVIKCVL	224	>FLT3-P31L-r LLVIKCVL	28229	28005
>FLT3-P31L-v LPVIKCVLI	172	>FLT3-P31L-r LLVIKCVLI	26894	26722
>FLT3-P31L-v LPVIKCVLI	44	>FLT3-P31L-r LLVIKCVLI	22367	22323
>FLT3-P31L-v IFGTITNQDLF	17347	>FLT3-P31L-r IFGTITNQDLL	479	16868
>FLT3-P31L-v DLPVIKCV	736	>FLT3-P31L-r DLLVIKCV	100	636
>FLT3-P31L-v DLPVIKCV	184	>FLT3-P31L-r DLLVIKCV	31	153
>FLT3-P31L-v DLPVIKCVL	3813	>FLT3-P31L-r DLLVIKCVL	431	3382
>FLT3-P31L-v DLPVIKCV	670	>FLT3-P31L-r DLLVIKCV	16	654
>FLT3-P31L-v DLPVIKCVL	7181	>FLT3-P31L-r DLLVIKCVL	296	6885
>FLT3-P31L-v DLPVIKCV	84	>FLT3-P31L-r DLLVIKCV	48	36
>FLT3-P31L-v DLPVIKCVL	382	>FLT3-P31L-r DLLVIKCVL	179	203
>FLT3-P31L-v QDLPVIKCV	103	>FLT3-P31L-r QDLLVIKCV	58	45
>FLT3-P31L-v QDLPVIKCVL	571	>FLT3-P31L-r QDLLVIKCVL	393	178
>FLT3-P31L-v QDLPVIKCVLI	33	>FLT3-P31L-r QDLLVIKCVLI	20	13
>FLT3-P31L-v QDLPVIKCVLI	775	>FLT3-P31L-r QDLLVIKCVLI	225	550
>FLT3-P31L-v QDLPVIKCVLI	54	>FLT3-P31L-r QDLLVIKCVLI	54	0
>FLT3-P31L-v NQDLPVIKCV	49	>FLT3-P31L-r NQDLLVIKCV	37	12
>FLT3-P31L-v ITNQDLPV	232	>FLT3-P31L-r ITNQDLLV	392	160
>FLT3-P31L-v ITNQDLPV	202	>FLT3-P31L-r ITNQDLLV	431	229
>FLT3-P31L-v ITNQDLPV	154	>FLT3-P31L-r ITNQDLLV	323	169
>FLT3-P31L-v ITNQDLPV	291	>FLT3-P31L-r ITNQDLLV	277	14
>FLT3-P31L-v ITNQDLPVIK	1170	>FLT3-P31L-r ITNQDLLVIK	430	740
>FLT3-P31L-v ITNQDLPVIK	29	>FLT3-P31L-r ITNQDLLVIK	26	3
>FLT3-P31L-v ITNQDLPV	386	>FLT3-P31L-r ITNQDLLV	1097	711
>FLT3-P31L-v ITNQDLPV	444	>FLT3-P31L-r ITNQDLLV	2152	1708
>FLT3-P31L-v ITNQDLPV	375	>FLT3-P31L-r ITNQDLLV	1154	779
>FLT3-P31L-v ITNQDLPVI	146	>FLT3-P31L-r ITNQDLLVI	90	56
>FLT3-P31L-v ITNQDLPVI	222	>FLT3-P31L-r ITNQDLLVI	93	129
>FLT3-P31L-v ITNQDLPVI	509	>FLT3-P31L-r ITNQDLLVI	269	240
>FLT3-P31L-v ITNQDLPVI	38	>FLT3-P31L-r ITNQDLLVI	40	2
>FLT3-P31L-v TITNQDLPVI	1269	>FLT3-P31L-r TITNQDLLVI	443	826
>FLT3-P31L-v TITNQDLPV	284	>FLT3-P31L-r TITNQDLLV	731	447
>FLT3-P31L-v TITNQDLPV	181	>FLT3-P31L-r TITNQDLLV	240	59
>FLT3-P31L-v TITNQDLPV	49	>FLT3-P31L-r TITNQDLLV	54	5
>FLT3-P31L-v TITNQDLPVIK	70	>FLT3-P31L-r TITNQDLLVIK	65	5
>FLT3-P31L-v TITNQDLPVIK	174	>FLT3-P31L-r TITNQDLLVIK	114	60
>FLT3-P31L-v TITNQDLPV	96	>FLT3-P31L-r TITNQDLLV	417	321
>FLT3-P31L-v GTITNQDLP	23888	>FLT3-P31L-r GTITNQDLL	129	23759
>FLT3-P31L-v GTITNQDLPV	426	>FLT3-P31L-r GTITNQDLLV	525	99
>FLT3-P31L-v GTITNQDLPV	228	>FLT3-P31L-r GTITNQDLLV	284	56
>FLT3-P31L-v GTITNQDLPV	348	>FLT3-P31L-r GTITNQDLLV	499	151
>FLT3-P31L-v GTITNQDLPV	208	>FLT3-P31L-r GTITNQDLLV	402	194

>FLT3-P31L-v GTITNQDLPV	157	>FLT3-P31L-r GTITNQDLLV	628	471
>FLT3-P31L-v GTITNQDLPV	437	>FLT3-P31L-r GTITNQDLLV	1327	890
>FLT3-P31L-v GTITNQDLP	16097	>FLT3-P31L-r GTITNQDLL	423	15674
>FLT3-P31L-v GTITNQDLPV	136	>FLT3-P31L-r GTITNQDLLV	159	23
>FLT3-R834C RDIMSDSNY	384	>FLT3-R834C QDIMSDSNY	1144	760
>FLT3-R834C RDIMSDSNY\	207	>FLT3-R834C QDIMSDSNY\	1509	1302
>FLT3-R834C RDIMSDSNY\	121	>FLT3-R834C QDIMSDSNY\	177	56
>FLT3-R834C RDIMSDSNY\	47	>FLT3-R834C QDIMSDSNY\	62	15
>FLT3-R834C ARDIMSDSN\	19117	>FLT3-R834C AQDIMSDSN\	322	18795
>FLT3-R834C ARDIMSDSN\	8766	>FLT3-R834C AQDIMSDSN\	152	8614
>FLT3-R834C ARDIMSDSN\	9365	>FLT3-R834C AQDIMSDSN\	10	9355
>FLT3-R834C ARDIMSDSN\	5857	>FLT3-R834C AQDIMSDSN\	94	5763
>FLT3-R834C ARDIMSDSN\	14118	>FLT3-R834C AQDIMSDSN\	107	14011
>FLT3-R834C ARDIMSDSN\	8109	>FLT3-R834C AQDIMSDSN\	70	8039
>FLT3-R834C ARDIMSDSN\	207	>FLT3-R834C AQDIMSDSN\	51	156
>FLT3-R834C ARDIMSDSN\	185	>FLT3-R834C AQDIMSDSN\	11968	11783
>FLT3-R834C VVKICDFGLA	29	>FLT3-R834C VVKICDFGLA\	11047	11018
>FLT3-R834C VVKICDFGLA	318	>FLT3-R834C VVKICDFGLA\	24296	23978
>FLT3-R834C VVKICDFGLA	441	>FLT3-R834C VVKICDFGLA\	20962	20521
>FLT3-R834C VVKICDFGLA	325	>FLT3-R834C VVKICDFGLA\	22170	21845
>FLT3-R834C LARDIMSDSN	168	>FLT3-R834C LAQDIMSDSN	85	83
>FLT3-R834C LARDIMSDSN	146	>FLT3-R834C LAQDIMSDSN	247	101
>FLT3-R834C LARDIMSDSN	119	>FLT3-R834C LAQDIMSDSN	856	737
>FLT3-R834C LARDIMSDSN	5	>FLT3-R834C LAQDIMSDSN	17	12
>FLT3-R834C LARDIMSDSN	106	>FLT3-R834C LAQDIMSDSN	77	29
>FLT3-R834C LARDIMSDSN	12	>FLT3-R834C LAQDIMSDSN	37	25
>FLT3-R834C FGLARDIM	608	>FLT3-R834C FGLAQDIM	160	448
>FLT3-R834C CDFGLARDI	84	>FLT3-R834C CDFGLAQDI	61	23
>FLT3-R834C CDFGLARDIM	1083	>FLT3-R834C CDFGLAQDIM	406	677
>FLT3-R834C ICDFGLARDIM	428	>FLT3-R834C ICDFGLAQDIM	470	42
>FLT3-R834C KICDFGLARD	997	>FLT3-R834C KICDFGLAQD	489	508
>FLT3-R834C KICDFGLAR	53	>FLT3-R834C KICDFGLAQ	9587	9534
>FLT3-R834C KICDFGLAR	30	>FLT3-R834C KICDFGLAQ	9763	9733
>FLT3-R834C KICDFGLARD	109	>FLT3-R834C KICDFGLAQD	97	12
>FLT3-R834C KICDFGLAR	14	>FLT3-R834C KICDFGLAQ	589	575
>FLT3-R834C VKICDFGLAR	155	>FLT3-R834C VKICDFGLAQ	492	337
>FLT3-S451F-SCFSDGYPL	964	>FLT3-S451F-FCFSDGYPL	309	655
>FLT3-S451F-SCFSDGYPL	2602	>FLT3-S451F-FCFSDGYPL	129	2473
>FLT3-S451F-SCFSDGYPL	329	>FLT3-S451F-FCFSDGYPL	19	310
>FLT3-S451F-SCFSDGYPL	1249	>FLT3-S451F-FCFSDGYPL	143	1106
>FLT3-S451F-SCFSDGYPL	1887	>FLT3-S451F-FCFSDGYPL	240	1647
>FLT3-S451F-SCFSDGYPL	922	>FLT3-S451F-FCFSDGYPL	236	686
>FLT3-S451F-SCFSDGYPL	475	>FLT3-S451F-FCFSDGYPL	76	399

>FLT3-S451F·SCFSDGYPL	1026	>FLT3-S451F·FCFSDGYPL	180	846
>FLT3-S451F·ASCFSDGY	316	>FLT3-S451F·AFCFSDGY	3953	3637
>FLT3-S451F·ASCFSDGY	1274	>FLT3-S451F·AFCFSDGY	107	1167
>FLT3-S451F·ASCFSDGY	58	>FLT3-S451F·AFCFSDGY	207	149
>FLT3-S451F·ASCFSDGY	284	>FLT3-S451F·AFCFSDGY	2498	2214
>FLT3-S451F·ASCFSDGY	7	>FLT3-S451F·AFCFSDGY	14942	14935
>FLT3-S451F·ASCFSDGYPL	25	>FLT3-S451F·AFCFSDGYPL	22367	22342
>FLT3-S451F·ASCFSDGYPL	23781	>FLT3-S451F·AFCFSDGYPL	341	23440
>FLT3-S451F·VLAEASASQA	208	>FLT3-S451F·VLAEASASQA	133	75
>FLT3-S451F·VLAEASASQA	193	>FLT3-S451F·VLAEASASQA	428	235
>FLT3-S451F·VLAEASASQA	743	>FLT3-S451F·VLAEASASQA	152	591
>FLT3-S451F·VLAEASASQA	378	>FLT3-S451F·VLAEASASQA	296	82
>FLT3-S451F·VLAEASASQA	187	>FLT3-S451F·VLAEASASQA	420	233
>FLT3-S451F·VLAEASASQA	3649	>FLT3-S451F·VLAEASASQA	26	3623
>FLT3-S451F·VLAEASASQA	7416	>FLT3-S451F·VLAEASASQA	34	7382
>FLT3-S451F·VLAEASASQA	10936	>FLT3-S451F·VLAEASASQA	15	10921
>FLT3-S451F·VLAEASASQA	22706	>FLT3-S451F·VLAEASASQA	165	22541
>FLT3-S451F·VLAEASASQA	6513	>FLT3-S451F·VLAEASASQA	53	6460
>FLT3-S451F·VLAEASASQA	11501	>FLT3-S451F·VLAEASASQA	39	11462
>FLT3-S451F·QASCFSDGYF	1778	>FLT3-S451F·QAFCFSDGYF	115	1663
>FLT3-S451F·QASCFSDGYF	319	>FLT3-S451F·QAFCFSDGYF	162	157
>FLT3-S451F·QASCFSDGYF	1996	>FLT3-S451F·QAFCFSDGYF	414	1582
>FLT3-S451F·QASCFSDGY	1682	>FLT3-S451F·QAFCFSDGY	428	1254
>FLT3-S451F·QASCFSDGYF	2679	>FLT3-S451F·QAFCFSDGYF	162	2517
>FLT3-S451F·QASCFSDGY	1484	>FLT3-S451F·QAFCFSDGY	257	1227
>FLT3-S451F·QASCFSDGYF	50	>FLT3-S451F·QAFCFSDGYF	16	34
>FLT3-S451F·QASCFSDGYF	266	>FLT3-S451F·QAFCFSDGYF	71	195
>FLT3-S451F·QASCFSDGY	876	>FLT3-S451F·QAFCFSDGY	291	585
>FLT3-S451F·QASCFSDGY	1741	>FLT3-S451F·QAFCFSDGY	305	1436
>FLT3-S451F·QASCFSDGY	993	>FLT3-S451F·QAFCFSDGY	124	869
>FLT3-S451F·QASCFSDGYF	533	>FLT3-S451F·QAFCFSDGYF	71	462
>FLT3-S451F·QASCFSDGY	419	>FLT3-S451F·QAFCFSDGY	86	333
>FLT3-S451F·QASCFSDGYF	1555	>FLT3-S451F·QAFCFSDGYF	289	1266
>FLT3-S451F·QASCFSDGY	24	>FLT3-S451F·QAFCFSDGY	24	0
>FLT3-S451F·QASCFSDGYF	118	>FLT3-S451F·QAFCFSDGYF	108	10
>FLT3-S451F·QASCFSDGY	817	>FLT3-S451F·QAFCFSDGY	211	606
>FLT3-S451F·SQASCFSDGY	278	>FLT3-S451F·SQAFCFSDGY	165	113
>FLT3-S451F·SQASCFSDGY	40	>FLT3-S451F·SQAFCFSDGY	48	8
>FLT3-S451F·SQASCFSDGY	147	>FLT3-S451F·SQAFCFSDGY	270	123
>FLT3-S451F·SQASCFSDGY	17	>FLT3-S451F·SQAFCFSDGY	41	24
>FLT3-S451F·ASQASCFSDC	201	>FLT3-S451F·ASQAFCFSDC	134	67
>FLT3-S451F·ASQASCFSDC	67	>FLT3-S451F·ASQAFCFSDC	55	12
>FLT3-S451F·ASQASCFSDC	127	>FLT3-S451F·ASQAFCFSDC	196	69

>FLT3-S451F-ASQASCFSDC	9	>FLT3-S451F-ASQAFCFSDC	17	8
>FLT3-S451F-ASQASCFSDC	237	>FLT3-S451F-ASQAFCFSDC	152	85
>FLT3-S451F-SASQASCF	215	>FLT3-S451F-SASQAFCF	462	247
>FLT3-S451F-SASQASCF	115	>FLT3-S451F-SASQAFCF	258	143
>FLT3-S451F-SASQASCF	81	>FLT3-S451F-SASQAFCF	172	91
>FLT3-S451F-SASQASCF	143	>FLT3-S451F-SASQAFCF	151	8
>FLT3-S451F-ASASQASCF	127	>FLT3-S451F-ASASQAFCF	677	550
>FLT3-S451F-ASASQASCF	226	>FLT3-S451F-ASASQAFCF	809	583
>FLT3-S451F-ASASQASCF	15	>FLT3-S451F-ASASQAFCF	52	37
>FLT3-S451F-ASASQASCF	7	>FLT3-S451F-ASASQAFCF	8	1
>FLT3-S451F-ASASQASCF	2036	>FLT3-S451F-ASASQAFCF	132	1904
>FLT3-S451F-ASASQASCF	13	>FLT3-S451F-ASASQAFCF	301	288
>FLT3-S451F-EASASQASCF	566	>FLT3-S451F-EASASQAFCF	292	274
>FLT3-S451F-EASASQAS	19002	>FLT3-S451F-EASASQAF	322	18680
>FLT3-S451F-EASASQAS	18800	>FLT3-S451F-EASASQAF	71	18729
>FLT3-S451F-EASASQASCF	154	>FLT3-S451F-EASASQAFCF	519	365
>FLT3-S451F-EASASQAS	17413	>FLT3-S451F-EASASQAF	60	17353
>FLT3-S451F-EASASQASCF	202	>FLT3-S451F-EASASQAFCF	258	56
>FLT3-S451F-EASASQAS	1486	>FLT3-S451F-EASASQAF	24	1462
>FLT3-S451F-EASASQAS	24088	>FLT3-S451F-EASASQAF	350	23738
>FLT3-S451F-AEASASQAS	11152	>FLT3-S451F-AEASASQAF	46	11106
>FLT3-S451F-AEASASQASC	266	>FLT3-S451F-AEASASQAF	557	291
>FLT3-S451F-AEASASQAS	5596	>FLT3-S451F-AEASASQAF	7	5589
>FLT3-S451F-AEASASQASC	18	>FLT3-S451F-AEASASQAF	48	30
>FLT3-S451F-AEASASQAS	10625	>FLT3-S451F-AEASASQAF	140	10485
>FLT3-S451F-AEASASQASC	1054	>FLT3-S451F-AEASASQAF	457	597
>FLT3-S451F-AEASASQAS	4033	>FLT3-S451F-AEASASQAF	39	3994
>FLT3-S451F-AEASASQASC	358	>FLT3-S451F-AEASASQAF	97	261
>FLT3-S451F-AEASASQAS	1498	>FLT3-S451F-AEASASQAF	223	1275
>FLT3-S451F-AEASASQASC	507	>FLT3-S451F-AEASASQAF	321	186
>FLT3-S451F-AEASASQAS	315	>FLT3-S451F-AEASASQAF	51	264
>FLT3-S451F-AEASASQASC	64	>FLT3-S451F-AEASASQAF	64	0
>FLT3-S451F-AEASASQAS	821	>FLT3-S451F-AEASASQAF	25	796
>FLT3-S451F-AEASASQASC	31	>FLT3-S451F-AEASASQAF	19	12
>FLT3-S451F-AEASASQAS	26	>FLT3-S451F-AEASASQAF	82	56
>FLT3-S451F-AEASASQASC	170	>FLT3-S451F-AEASASQAF	225	55
>FLT3-S451F-AEASASQASC	184	>FLT3-S451F-AEASASQAF	53	131
>FLT3-S451F-AEASASQAS	1839	>FLT3-S451F-AEASASQAF	52	1787
>FLT3-S451F-AEASASQASC	84	>FLT3-S451F-AEASASQAF	42	42
>FLT3-S451F-AEASASQAS	11880	>FLT3-S451F-AEASASQAF	154	11726
>FLT3-S451F-LAEASASQAS	16723	>FLT3-S451F-LAEASASQAF	197	16526
>FLT3-S451F-LAEASASQAS	17486	>FLT3-S451F-LAEASASQAF	76	17410
>FLT3-S451F-LAEASASQAS	7822	>FLT3-S451F-LAEASASQAF	10	7812

>FLT3-S574G SQLQMVQV	86	>FLT3-S574G GQLQMVQV	206	120
>FLT3-S574G SQLQMVQV	295	>FLT3-S574G GQLQMVQV	466	171
>FLT3-S574G SQLQMVQV	8	>FLT3-S574G GQLQMVQV	19	11
>FLT3-S574G SQLQMVQV	22	>FLT3-S574G GQLQMVQV	46	24
>FLT3-S574G SQLQMVQV	243	>FLT3-S574G GQLQMVQV	133	110
>FLT3-S574G SQLQMVQV	18	>FLT3-S574G GQLQMVQV	33	15
>FLT3-S574G SQLQMVQV	85	>FLT3-S574G GQLQMVQV	217	132
>FLT3-S574G SQLQMVQV	402	>FLT3-S574G GQLQMVQV	1174	772
>FLT3-S574G SQLQMVQV	344	>FLT3-S574G GQLQMVQV	65	279
>FLT3-S574G ESQLQMVQV	183	>FLT3-S574G EGQLQMVQ\	3606	3423
>FLT3-S574G ESQLQMVQV	338	>FLT3-S574G EGQLQMVQ\	3586	3248
>FLT3-S574G YESQLQMV	50	>FLT3-S574G YEGQLQMV	130	80
>FLT3-S574G YESQLQMVQ	46	>FLT3-S574G YEGQLQMVQ	60	14
>FLT3-S574G YESQLQMV	484	>FLT3-S574G YEGQLQMV	1605	1121
>FLT3-S574G YESQLQMVQ	253	>FLT3-S574G YEGQLQMVQ	863	610
>FLT3-S574G YESQLQMV	120	>FLT3-S574G YEGQLQMV	932	812
>FLT3-S574G YESQLQMV	120	>FLT3-S574G YEGQLQMV	190	70
>FLT3-S574G YESQLQMVQ	85	>FLT3-S574G YEGQLQMVQ	186	101
>FLT3-S574G YESQLQMVQ	70	>FLT3-S574G YEGQLQMVQ	101	31
>FLT3-S574G YESQLQMVQ	244	>FLT3-S574G YEGQLQMVQ	291	47
>FLT3-S574G YESQLQMV	110	>FLT3-S574G YEGQLQMV	130	20
>FLT3-S574G YESQLQMVQ	55	>FLT3-S574G YEGQLQMVQ	96	41
>FLT3-S574G YESQLQMVQ	58	>FLT3-S574G YEGQLQMVQ	125	67
>FLT3-S574G RYESQLQM	39	>FLT3-S574G RYEGQLQM	32	7
>FLT3-S574G RYESQLQMV	32	>FLT3-S574G RYEGQLQMV	29	3
>FLT3-S574G RYESQLQMV	39	>FLT3-S574G RYEGQLQMV	35	4
>FLT3-S574G FRYESQLQM\	59	>FLT3-S574G FRYEGQLQM	34	25
>FLT3-S574G FRYESQLQM\	171	>FLT3-S574G FRYEGQLQM	96	75
>FLT3-S574G FRYESQLQM\	50	>FLT3-S574G FRYEGQLQM	25	25
>FLT3-S574G FRYESQLQM	13	>FLT3-S574G FRYEGQLQM	61	48
>FLT3-S574G FRYESQLQM\	41	>FLT3-S574G FRYEGQLQM	164	123
>FLT3-S574G FRYESQLQM\	405	>FLT3-S574G FRYEGQLQM	915	510
>FLT3-S574G FRYESQLQM	18	>FLT3-S574G FRYEGQLQM	17	1
>FLT3-S574G FRYESQLQM\	111	>FLT3-S574G FRYEGQLQM	127	16
>FLT3-S574G FRYESQLQM\	489	>FLT3-S574G FRYEGQLQM	425	64
>FLT3-S574G FRYESQLQM	26	>FLT3-S574G FRYEGQLQM	20	6
>FLT3-S574G FRYESQLQM\	287	>FLT3-S574G FRYEGQLQM	214	73
>FLT3-S574G FRYESQLQM	625	>FLT3-S574G FRYEGQLQM	402	223
>FLT3-S574G FRYESQLQM\	428	>FLT3-S574G FRYEGQLQM	320	108
>FLT3-S574G FRYESQLQM\	336	>FLT3-S574G FRYEGQLQM	259	77
>FLT3-S574G FRYESQLQM	475	>FLT3-S574G FRYEGQLQM	299	176
>FLT3-S574G FRYESQLQM	707	>FLT3-S574G FRYEGQLQM	372	335
>FLT3-S574G FRYESQLQM\	164	>FLT3-S574G FRYEGQLQM	166	2

>FLT3-S574G QFRYESQLQM	282	>FLT3-S574G QFRYEGQLQI	807	525
>FLT3-S574G QFRYESQLQM	327	>FLT3-S574G QFRYEGQLQI	694	367
>FLT3-S574G KQFRYESQL	136	>FLT3-S574G KQFRYEGQL	302	166
>FLT3-S574G KQFRYESQLC	344	>FLT3-S574G KQFRYEGQLC	542	198
>FLT3-S574G KQFRYESQL	155	>FLT3-S574G KQFRYEGQL	757	602
>FLT3-S574G KQFRYESQL	138	>FLT3-S574G KQFRYEGQL	570	432
>FLT3-S574G KQFRYESQLC	297	>FLT3-S574G KQFRYEGQLC	350	53
>FLT3-S574G KQFRYESQL	372	>FLT3-S574G KQFRYEGQL	855	483
>FLT3-S574G KQFRYESQL	420	>FLT3-S574G KQFRYEGQL	1251	831
>FLT3-S574G KQFRYESQLC	78	>FLT3-S574G KQFRYEGQLC	111	33
>FLT3-S574G KQFRYESQ	95	>FLT3-S574G KQFRYEGQ	785	690
>FLT3-S574G KQFRYESQL	6	>FLT3-S574G KQFRYEGQL	71	65
>FLT3-S574G KQFRYESQLC	176	>FLT3-S574G KQFRYEGQLC	381	205
>FLT3-S574G KQFRYESQLC	4	>FLT3-S574G KQFRYEGQLC	10	6
>FLT3-S574G KQFRYESQLC	146	>FLT3-S574G KQFRYEGQLC	132	14
>FLT3-S574G KQFRYESQL	101	>FLT3-S574G KQFRYEGQL	223	122
>FLT3-S574G KQFRYESQLC	462	>FLT3-S574G KQFRYEGQLC	718	256
>FLT3-S574G KQFRYESQL	320	>FLT3-S574G KQFRYEGQL	601	281
>FLT3-S574G KQFRYESQL	355	>FLT3-S574G KQFRYEGQL	1618	1263
>FLT3-S574G KKQFRYESQL	113	>FLT3-S574G KKQFRYEGQL	1209	1096
>FLT3-S574G KKQFRYESQL	638	>FLT3-S574G KKQFRYEGQL	429	209
>FLT3-S574G KKQFRYESQL	879	>FLT3-S574G KKQFRYEGQL	433	446
>FLT3-S574G YKKQFRYESQ	324	>FLT3-S574G YKKQFRYEGC	885	561
>FLT3-S574G YKKQFRYES	481	>FLT3-S574G YKKQFRYEG	1511	1030
>FLT3-S574G YKKQFRYESQ	384	>FLT3-S574G YKKQFRYEGC	1451	1067
>FLT3-S574G YKKQFRYESQ	19	>FLT3-S574G YKKQFRYEGC	128	109
>FLT3-S574G KYKKQFRYES	26	>FLT3-S574G KYKKQFRYEG	28	2
>FLT3-S574G KYKKQFRYES	57	>FLT3-S574G KYKKQFRYEG	185	128
>FLT3-S574G KYKKQFRYES	540	>FLT3-S574G KYKKQFRYEG	330	210
>FLT3-T167A TLRRPYFRKM	1820	>FLT3-T167A ALRRPYFRKM	450	1370
>FLT3-T167A TLRRPYFR	176	>FLT3-T167A ALRRPYFR	138	38
>FLT3-T167A TLRRPYFRK	34	>FLT3-T167A ALRRPYFRK	32	2
>FLT3-T167A TLRRPYFRK	90	>FLT3-T167A ALRRPYFRK	87	3
>FLT3-T167A TLRRPYFR	188	>FLT3-T167A ALRRPYFR	25	163
>FLT3-T167A TLRRPYFRK	9	>FLT3-T167A ALRRPYFRK	5	4
>FLT3-T167A TLRRPYFRKM	748	>FLT3-T167A ALRRPYFRKM	75	673
>FLT3-T167A TLRRPYFR	9	>FLT3-T167A ALRRPYFR	8	1
>FLT3-T167A TLRRPYFRK	59	>FLT3-T167A ALRRPYFRK	48	11
>FLT3-T167A TLRRPYFR	19	>FLT3-T167A ALRRPYFR	91	72
>FLT3-T167A TLRRPYFR	137	>FLT3-T167A ALRRPYFR	2103	1966
>FLT3-T167A TLRRPYFRKM	1404	>FLT3-T167A ALRRPYFRKM	225	1179
>FLT3-T167A TLRRPYFR	203	>FLT3-T167A ALRRPYFR	621	418
>FLT3-T167A YTLRRPYFRKI	422	>FLT3-T167A YALRRPYFRKI	305	117

>FLT3-T167A YTLRRPYFRK	45	>FLT3-T167A YALRRPYFRK	179	134
>FLT3-T167A YTLRRPYFR	34	>FLT3-T167A YALRRPYFR	293	259
>FLT3-T167A YTLRRPYFRK	18	>FLT3-T167A YALRRPYFRK	73	55
>FLT3-T167A YTLRRPYF	118	>FLT3-T167A YALRRPYF	506	388
>FLT3-T167A YTLRRPYF	62	>FLT3-T167A YALRRPYF	3100	3038
>FLT3-T167A YTLRRPYFRKI	144	>FLT3-T167A YALRRPYFRKI	5523	5379
>FLT3-T167A YTLRRPYFRKI	231	>FLT3-T167A YALRRPYFRKI	7352	7121
>FLT3-T167A YTLRRPYF	226	>FLT3-T167A YALRRPYF	1571	1345
>FLT3-T167A YTLRRPYFRK	49	>FLT3-T167A YALRRPYFRK	224	175
>FLT3-T167A YTLRRPYFR	6	>FLT3-T167A YALRRPYFR	9	3
>FLT3-T167A YTLRRPYFR	7	>FLT3-T167A YALRRPYFR	11	4
>FLT3-T167A YTLRRPYFR	5	>FLT3-T167A YALRRPYFR	15	10
>FLT3-T167A YTLRRPYFRK	144	>FLT3-T167A YALRRPYFRK	526	382
>FLT3-T167A YTLRRPYFRKI	292	>FLT3-T167A YALRRPYFRKI	1401	1109
>FLT3-T167A YTLRRPYF	973	>FLT3-T167A YALRRPYF	202	771
>FLT3-T167A YTLRRPYFRKI	306	>FLT3-T167A YALRRPYFRKI	79	227
>FLT3-T167A YTLRRPYF	32	>FLT3-T167A YALRRPYF	23	9
>FLT3-T167A YTLRRPYFRKI	540	>FLT3-T167A YALRRPYFRKI	296	244
>FLT3-T167A YTLRRPYF	5	>FLT3-T167A YALRRPYF	16	11
>FLT3-T167A YTLRRPYFRKI	14	>FLT3-T167A YALRRPYFRKI	121	107
>FLT3-T167A YTLRRPYF	410	>FLT3-T167A YALRRPYF	677	267
>FLT3-T167A YTLRRPYF	74	>FLT3-T167A YALRRPYF	89	15
>FLT3-T167A YTLRRPYFRKI	17	>FLT3-T167A YALRRPYFRKI	334	317
>FLT3-T167A YTLRRPYFR	138	>FLT3-T167A YALRRPYFR	501	363
>FLT3-T167A YTLRRPYFRK	122	>FLT3-T167A YALRRPYFRK	405	283
>FLT3-T167A YTLRRPYFR	40	>FLT3-T167A YALRRPYFR	56	16
>FLT3-T167A TVSIRNTLLYT	4003	>FLT3-T167A TVSIRNTLLYA	317	3686
>FLT3-T167A LYTLRRPYF	526	>FLT3-T167A LYALRRPYF	327	199
>FLT3-T167A LYTLRRPYF	584	>FLT3-T167A LYALRRPYF	203	381
>FLT3-T167A LYTLRRPYF	12	>FLT3-T167A LYALRRPYF	11	1
>FLT3-T167A LYTLRRPY	345	>FLT3-T167A LYALRRPY	137	208
>FLT3-T167A LYTLRRPYFRK	218	>FLT3-T167A LYALRRPYFRK	263	45
>FLT3-T167A LYTLRRPY	941	>FLT3-T167A LYALRRPY	424	517
>FLT3-T167A LYTLRRPYFR	9	>FLT3-T167A LYALRRPYFR	11	2
>FLT3-T167A LYTLRRPYFRK	134	>FLT3-T167A LYALRRPYFRK	111	23
>FLT3-T167A LYTLRRPYFR	36	>FLT3-T167A LYALRRPYFR	45	9
>FLT3-T167A LYTLRRPYFRK	304	>FLT3-T167A LYALRRPYFRK	627	323
>FLT3-T167A LYTLRRPYFR	856	>FLT3-T167A LYALRRPYFR	275	581
>FLT3-T167A LYTLRRPYFR	19	>FLT3-T167A LYALRRPYFR	19	0
>FLT3-T167A LLYTLRRPYF	912	>FLT3-T167A LLYALRRPYF	382	530
>FLT3-T167A LLYTLRRPYF	753	>FLT3-T167A LLYALRRPYF	451	302
>FLT3-T167A LLYTLRRPY	127	>FLT3-T167A LLYALRRPY	92	35
>FLT3-T167A LLYTLRRPYFR	57	>FLT3-T167A LLYALRRPYFF	48	9

>FLT3-T167A LLYTLRRPYFR	210	>FLT3-T167A LLYALRRPYFF	157	53
>FLT3-T167A LLYTLRRPY	81	>FLT3-T167A LLYALRRPY	63	18
>FLT3-T167A LLYTLRRPY	260	>FLT3-T167A LLYALRRPY	326	66
>FLT3-T167A LLYTLRRPYFR	7	>FLT3-T167A LLYALRRPYFF	7	0
>FLT3-T167A LLYTLRRPYFR	26	>FLT3-T167A LLYALRRPYFF	22	4
>FLT3-T167A LLYTLRRPYFR	37	>FLT3-T167A LLYALRRPYFF	34	3
>FLT3-T167A LLYTLRRPY	44	>FLT3-T167A LLYALRRPY	37	7
>FLT3-T167A LLYTLRRPYF	77	>FLT3-T167A LLYALRRPYF	51	26
>FLT3-T167A LLYTLRRPY	129	>FLT3-T167A LLYALRRPY	42	87
>FLT3-T167A LLYTLRRPYF	1451	>FLT3-T167A LLYALRRPYF	498	953
>FLT3-T167A LLYTLRRPY	18	>FLT3-T167A LLYALRRPY	18	0
>FLT3-T167A LLYTLRRPYF	16	>FLT3-T167A LLYALRRPYF	17	1
>FLT3-T167A LLYTLRRPY	988	>FLT3-T167A LLYALRRPY	465	523
>FLT3-T167A LLYTLRRPYF	650	>FLT3-T167A LLYALRRPYF	326	324
>FLT3-T167A LLYTLRRPY	331	>FLT3-T167A LLYALRRPY	296	35
>FLT3-T167A LLYTLRRPYF	337	>FLT3-T167A LLYALRRPYF	320	17
>FLT3-T167A LLYTLRRPY	260	>FLT3-T167A LLYALRRPY	80	180
>FLT3-T167A LLYTLRRPYFR	35	>FLT3-T167A LLYALRRPYFF	36	1
>FLT3-T167A TLLYTLRRPY	153	>FLT3-T167A TLLYALRRPY	109	44
>FLT3-T167A TLLYTLRRPY	382	>FLT3-T167A TLLYALRRPY	538	156
>FLT3-T167A TLLYTLRRPY	599	>FLT3-T167A TLLYALRRPY	452	147
>FLT3-T167A TLLYTLRR	105	>FLT3-T167A TLLYALRR	258	153
>FLT3-T167A TLLYTLRR	468	>FLT3-T167A TLLYALRR	760	292
>FLT3-T167A TLLYTLRR	223	>FLT3-T167A TLLYALRR	249	26
>FLT3-T167A TLLYTLRRPY	279	>FLT3-T167A TLLYALRRPY	201	78
>FLT3-T167A TLLYTLRRPY	152	>FLT3-T167A TLLYALRRPY	135	17
>FLT3-T167A TLLYTLRRPY	213	>FLT3-T167A TLLYALRRPY	366	153
>FLT3-T167A TLLYTLRRPYF	125	>FLT3-T167A TLLYALRRPYF	202	77
>FLT3-T167A TLLYTLRR	219	>FLT3-T167A TLLYALRR	281	62
>FLT3-T167A NLLYTLRR	382	>FLT3-T167A NLLYALRR	871	489
>FLT3-T167A NLLYTLRRPY	302	>FLT3-T167A NLLYALRRPY	554	252
>FLT3-T167A NLLYTLRRPY	97	>FLT3-T167A NLLYALRRPY	234	137
>FLT3-T167A NLLYTLRRPY	146	>FLT3-T167A NLLYALRRPY	147	1
>FLT3-T167A NLLYTLR	51	>FLT3-T167A NLLYALR	64	13
>FLT3-T167A NLLYTLRR	270	>FLT3-T167A NLLYALRR	784	514
>FLT3-T167A NLLYTLR	21	>FLT3-T167A NLLYALR	26	5
>FLT3-T167A NLLYTLRR	92	>FLT3-T167A NLLYALRR	249	157
>FLT3-T167A NLLYTLR	16	>FLT3-T167A NLLYALR	14	2
>FLT3-T167A NLLYTLRR	37	>FLT3-T167A NLLYALRR	47	10
>FLT3-T167A NLLYTLRRPY	377	>FLT3-T167A NLLYALRRPY	473	96
>FLT3-T167A NLLYTLRRPY	44	>FLT3-T167A NLLYALRRPY	32	12
>FLT3-T167A NLLYTLRR	269	>FLT3-T167A NLLYALRR	689	420
>FLT3-T167A NLLYTLR	159	>FLT3-T167A NLLYALR	196	37



>FLT3-T167A NTLTYLRR	74	>FLT3-T167A NTLTYALRR	156	82
>FLT3-T167A RNTLYTLR	38	>FLT3-T167A RNTLYALR	29	9
>FLT3-T167A RNTLYTLRR	240	>FLT3-T167A RNTLYALRR	268	28
>FLT3-T167A RNTLYTLR	107	>FLT3-T167A RNTLYALR	95	12
>FLT3-T167A RNTLYTLRR	67	>FLT3-T167A RNTLYALRR	88	21
>FLT3-T167A IRNTLYTLR	309	>FLT3-T167A IRNTLYALR	137	172
>FLT3-T167A IRNTLYTLR	569	>FLT3-T167A IRNTLYALR	352	217
>FLT3-T167A IRNTLYTL	357	>FLT3-T167A IRNTLYAL	265	92
>FLT3-T167A IRNTLYTL	72	>FLT3-T167A IRNTLYAL	82	10
>FLT3-T167A IRNTLYTLR	58	>FLT3-T167A IRNTLYALR	72	14
>FLT3-T167A IRNTLYTLRR	155	>FLT3-T167A IRNTLYALRR	115	40
>FLT3-T167A IRNTLYTL	403	>FLT3-T167A IRNTLYAL	136	267
>FLT3-T167A IRNTLYTL	200	>FLT3-T167A IRNTLYAL	511	311
>FLT3-T167A IRNTLYTL	27	>FLT3-T167A IRNTLYAL	40	13
>FLT3-T167A IRNTLYTLR	154	>FLT3-T167A IRNTLYALR	200	46
>FLT3-T167A IRNTLYTLR	376	>FLT3-T167A IRNTLYALR	336	40
>FLT3-T167A IRNTLYTLRR	220	>FLT3-T167A IRNTLYALRR	338	118
>FLT3-T167A SIRNTLYTL	68	>FLT3-T167A SIRNTLYAL	92	24
>FLT3-T167A SIRNTLYT	1792	>FLT3-T167A SIRNTLYA	123	1669
>FLT3-T167A SIRNTLYTL	164	>FLT3-T167A SIRNTLYAL	194	30
>FLT3-T167A SIRNTLYTL	154	>FLT3-T167A SIRNTLYAL	138	16
>FLT3-T167A SIRNTLYTL	275	>FLT3-T167A SIRNTLYAL	381	106
>FLT3-T167A SIRNTLYTL	136	>FLT3-T167A SIRNTLYAL	351	215
>FLT3-T167A SIRNTLYT	27	>FLT3-T167A SIRNTLYA	5	22
>FLT3-T167A SIRNTLYTL	32	>FLT3-T167A SIRNTLYAL	33	1
>FLT3-T167A SIRNTLYTLR	53	>FLT3-T167A SIRNTLYALR	16	37
>FLT3-T167A SIRNTLYTLR	13	>FLT3-T167A SIRNTLYALR	11	2
>FLT3-T167A SIRNTLYTL	335	>FLT3-T167A SIRNTLYAL	728	393
>FLT3-T167A SIRNTLYTLR	183	>FLT3-T167A SIRNTLYALR	131	52
>FLT3-T167A SIRNTLYTLR	238	>FLT3-T167A SIRNTLYALR	172	66
>FLT3-T167A SIRNTLYTLR	357	>FLT3-T167A SIRNTLYALR	312	45
>FLT3-T167A VSIRNTLYTL	7	>FLT3-T167A VSIRNTLYAL	12	5
>FLT3-T167A VSIRNTLYTL	138	>FLT3-T167A VSIRNTLYAL	132	6
>FLT3-T167A VSIRNTLYTL	396	>FLT3-T167A VSIRNTLYAL	170	226
>FLT3-T167A VSIRNTLYTL	169	>FLT3-T167A VSIRNTLYAL	338	169
>FLT3-T167A VSIRNTLYTL	691	>FLT3-T167A VSIRNTLYAL	427	264
>FLT3-T167A VSIRNTLYTL	15	>FLT3-T167A VSIRNTLYAL	35	20
>FLT3-T167A VSIRNTLYTL	57	>FLT3-T167A VSIRNTLYAL	186	129
>FLT3-V194N VEWVLCDSQ	1331	>FLT3-V194N MEWVLCDSQ	407	924
>FLT3-V194N VEWVLCDSQ	1909	>FLT3-V194N MEWVLCDSQ	372	1537
>FLT3-V194N VEWVLCDSQ	774	>FLT3-V194N MEWVLCDSQ	495	279
>FLT3-V194N VEWVLCDSQ	1844	>FLT3-V194N MEWVLCDSQ	389	1455
>FLT3-V194N VEWVLCDSQ	385	>FLT3-V194N MEWVLCDSQ	117	268

>FLT3-V194N VEWVLCDSQ	187	>FLT3-V194N MEWVLCDSQ	58	129
>FLT3-V194N CISESVPEPIV	178	>FLT3-V194N CISESVPEPIM	5191	5013
>FLT3-V194N CISESVPEPIV	379	>FLT3-V194N CISESVPEPIM	7106	6727
>FLT3-V194N CISESVPEPIV	215	>FLT3-V194N CISESVPEPIM	6145	5930
>FLT3-V194N CISESVPEPIV	186	>FLT3-V194N CISESVPEPIM	10078	9892
>FLT3-V194N CISESVPEPIV	88	>FLT3-V194N CISESVPEPIM	4762	4674
>FLT3-V194N CISESVPEPIV	27	>FLT3-V194N CISESVPEPIM	6340	6313
>FLT3-V194N EPIVEWVL	158	>FLT3-V194N EPIMEWVL	106	52
>FLT3-V194N EPIVEWVL	74	>FLT3-V194N EPIMEWVL	93	19
>FLT3-V194N EPIVEWVL	88	>FLT3-V194N EPIMEWVL	81	7
>FLT3-V194N EPIVEWVL	501	>FLT3-V194N EPIMEWVL	368	133
>FLT3-V194N VPEPIVEWVL	235	>FLT3-V194N VPEPIMEWV	260	25
>FLT3-V194N VPEPIVEW	25	>FLT3-V194N VPEPIMEW	29	4
>FLT3-V194N VPEPIVEW	4	>FLT3-V194N VPEPIMEW	5	1
>FLT3-V194N VPEPIVEWVL	362	>FLT3-V194N VPEPIMEWV	627	265
>FLT3-V194N VPEPIVEW	1215	>FLT3-V194N VPEPIMEW	196	1019
>FLT3-V194N SVPEPIVEWV	469	>FLT3-V194N SVPEPIMEW	421	48
>FLT3-V194N SVPEPIVEWV	318	>FLT3-V194N SVPEPIMEW	287	31
>FLT3-V194N SVPEPIVEWV	104	>FLT3-V194N SVPEPIMEW	90	14
>FLT3-V194N SVPEPIVEWV	83	>FLT3-V194N SVPEPIMEW	124	41
>FLT3-V194N SVPEPIVEWV	5	>FLT3-V194N SVPEPIMEW	10	5
>FLT3-V194N SVPEPIVEWV	34	>FLT3-V194N SVPEPIMEW	70	36
>FLT3-V194N SVPEPIVEWV	17	>FLT3-V194N SVPEPIMEW	31	14
>FLT3-V194N SVPEPIVEWV	101	>FLT3-V194N SVPEPIMEW	191	90
>FLT3-V194N SVPEPIVEWV	6	>FLT3-V194N SVPEPIMEW	8	2
>FLT3-V194N SVPEPIVEWV	74	>FLT3-V194N SVPEPIMEW	56	18
>FLT3-V194N SVPEPIVEWV	817	>FLT3-V194N SVPEPIMEW	386	431
>FLT3-V194N SVPEPIVEWV	47	>FLT3-V194N SVPEPIMEW	42	5
>FLT3-V194N SVPEPIVEWV	62	>FLT3-V194N SVPEPIMEW	103	41
>FLT3-V194N SVPEPIVEWV	77	>FLT3-V194N SVPEPIMEW	46	31
>FLT3-V194N SVPEPIVEW	332	>FLT3-V194N SVPEPIMEW	374	42
>FLT3-V194N SVPEPIVEWV	37	>FLT3-V194N SVPEPIMEW	32	5
>FLT3-V194N SVPEPIVEWV	23	>FLT3-V194N SVPEPIMEW	25	2
>FLT3-V194N ESVPEPIV	1455	>FLT3-V194N ESVPEPIM	16	1439
>FLT3-V194N ESVPEPIVEW	425	>FLT3-V194N ESVPEPIMEW	534	109
>FLT3-V194N ESVPEPIVEW	203	>FLT3-V194N ESVPEPIMEW	111	92
>FLT3-V194N ESVPEPIVEW	28	>FLT3-V194N ESVPEPIMEW	24	4
>FLT3-V194N ESVPEPIV	353	>FLT3-V194N ESVPEPIM	4483	4130
>FLT3-V194N ESVPEPIVEW	190	>FLT3-V194N ESVPEPIMEW	91	99
>FLT3-V194N ESVPEPIV	4022	>FLT3-V194N ESVPEPIM	109	3913
>FLT3-V194N ESVPEPIVEW	7	>FLT3-V194N ESVPEPIMEW	7	0
>FLT3-V194N ESVPEPIVEW	106	>FLT3-V194N ESVPEPIMEW	77	29
>FLT3-V194N ESVPEPIVEW	34	>FLT3-V194N ESVPEPIMEW	21	13

>FLT3-V194N SESVPEPIVEV	54	>FLT3-V194N SESVPEPIVEV	54	0
>FLT3-V194N SESVPEPIVEV	142	>FLT3-V194N SESVPEPIVEV	143	1
>FLT3-V194N SESVPEPIV	109	>FLT3-V194N SESVPEPIV	1357	1248
>FLT3-V194N SESVPEPIV	86	>FLT3-V194N SESVPEPIV	312	226
>FLT3-V194N ISESVPEPIV	9206	>FLT3-V194N ISESVPEPIV	417	8789
>FLT3-V557I-VLTLTLLCHK	180	>FLT3-V557I-VLTLTLLCHK	129	51
>FLT3-V557I-VLTLTLLCHKYK	189	>FLT3-V557I-VLTLTLLCHKYK	132	57
>FLT3-V557I-VLTLTLLCHK	372	>FLT3-V557I-VLTLTLLCHK	520	148
>FLT3-V557I-VLTLTLLCHKYK	217	>FLT3-V557I-VLTLTLLCHKYK	278	61
>FLT3-V557I-VLTLTLLCHKY	78	>FLT3-V557I-VLTLTLLCHKY	69	9
>FLT3-V557I-VLTLTLLCHKY	185	>FLT3-V557I-VLTLTLLCHKY	310	125
>FLT3-V557I-VLTLTLLCHKYK	773	>FLT3-V557I-VLTLTLLCHKYK	350	423
>FLT3-V557I-VVLTLLTLLCHK	97	>FLT3-V557I-VVLTLLTLLCHK	76	21
>FLT3-V557I-VVLTLLTLLCHK	43	>FLT3-V557I-VVLTLLTLLCHK	56	13
>FLT3-V557I-VVLTLLTLLCHKY	324	>FLT3-V557I-VVLTLLTLLCHKY	846	522
>FLT3-V557I-VVLTLLTLLCHKY	187	>FLT3-V557I-VVLTLLTLLCHKY	609	422
>FLT3-V557I-VVLTLLTLLCHKY	19	>FLT3-V557I-VVLTLLTLLCHKY	30	11
>FLT3-V557I-VVLTLLTLLCHK	136	>FLT3-V557I-VVLTLLTLLCHK	421	285
>FLT3-V557I-VVLTLLTLLCHKY	39	>FLT3-V557I-VVLTLLTLLCHKY	46	7
>FLT3-V557I-VVLTLLTLLCHKY	33	>FLT3-V557I-VVLTLLTLLCHKY	86	53
>FLT3-V557I-VVLTLLTLLCHKY	134	>FLT3-V557I-VVLTLLTLLCHKY	538	404
>FLT3-V557I-VVLTLLTLLCHK	1213	>FLT3-V557I-VVLTLLTLLCHK	429	784
>FLT3-V557I-TIGVCLLFIVV	430	>FLT3-V557I-TIGVCLLFIVV	2951	2521
>FLT3-V557I-TIGVCLLFIVV	474	>FLT3-V557I-TIGVCLLFIVV	8233	7759
>FLT3-V557I-TIGVCLLFIVV	142	>FLT3-V557I-TIGVCLLFIVV	8033	7891
>FLT3-V557I-IVVLTLLI	695	>FLT3-V557I-IVVLTLLI	422	273
>FLT3-V557I-IVVLTLLI	233	>FLT3-V557I-IVVLTLLI	165	68
>FLT3-V557I-IVVLTLLTLLCHK	350	>FLT3-V557I-IVVLTLLTLLCHK	280	70
>FLT3-V557I-IVVLTLLTLLCHK	103	>FLT3-V557I-IVVLTLLTLLCHK	44	59
>FLT3-V557I-IVVLTLLTLLCHK	165	>FLT3-V557I-IVVLTLLTLLCHK	102	63
>FLT3-V557I-IVVLTLLTLLCHK	163	>FLT3-V557I-IVVLTLLTLLCHK	88	75
>FLT3-V557I-IVVLTLLI	411	>FLT3-V557I-IVVLTLLI	612	201
>FLT3-V557I-FIVVLTLL	86	>FLT3-V557I-FIVVLTLL	91	5
>FLT3-V557I-FIVVLTLLI	94	>FLT3-V557I-FIVVLTLLI	112	18
>FLT3-V557I-FIVVLTLL	15	>FLT3-V557I-FIVVLTLL	16	1
>FLT3-V557I-FIVVLTLLI	76	>FLT3-V557I-FIVVLTLLI	85	9
>FLT3-V557I-FIVVLTLL	43	>FLT3-V557I-FIVVLTLL	36	7
>FLT3-V557I-FIVVLTLLI	116	>FLT3-V557I-FIVVLTLLI	94	22
>FLT3-V557I-FIVVLTLL	14	>FLT3-V557I-FIVVLTLL	18	4
>FLT3-V557I-FIVVLTLLI	45	>FLT3-V557I-FIVVLTLLI	65	20
>FLT3-V557I-FIVVLTLLIC	719	>FLT3-V557I-FIVVLTLLIC	474	245
>FLT3-V557I-FIVVLTLL	253	>FLT3-V557I-FIVVLTLL	154	99
>FLT3-V557I-FIVVLTLLI	474	>FLT3-V557I-FIVVLTLLI	194	280

>FLT3-V557I- FIVVLTLL	327	>FLT3-V557I- FIVILTLL	274	53
>FLT3-V557I- FIVVLTLLI	498	>FLT3-V557I- FIVILTLLI	338	160
>FLT3-V557I- FIVVLTLL	32	>FLT3-V557I- FIVILTLL	21	11
>FLT3-V557I- FIVVLTLLI	461	>FLT3-V557I- FIVILTLLI	272	189
>FLT3-V557I- FIVVLTLL	266	>FLT3-V557I- FIVILTLL	263	3
>FLT3-V557I- FIVVLTLLI	216	>FLT3-V557I- FIVILTLLI	236	20
>FLT3-V557I- FIVVLTLLI	237	>FLT3-V557I- FIVILTLLI	237	0
>FLT3-V557I- LFIVVLT	480	>FLT3-V557I- LFIVILT	382	98
>FLT3-V557I- LFIVVLTLL	368	>FLT3-V557I- LFIVILTLL	455	87
>FLT3-V557I- LFIVVLTLL	266	>FLT3-V557I- LFIVILTLL	94	172
>FLT3-V557I- LFIVVLT	152	>FLT3-V557I- LFIVILT	114	38
>FLT3-V557I- LFIVVLTLL	159	>FLT3-V557I- LFIVILTLL	137	22
>FLT3-V557I- LFIVVLT	48	>FLT3-V557I- LFIVILT	56	8
>FLT3-V557I- LFIVVLTLL	261	>FLT3-V557I- LFIVILTLL	341	80
>FLT3-V557I- LFIVVLTLLI	108	>FLT3-V557I- LFIVILTLLI	129	21
>FLT3-V557I- LFIVVLT	398	>FLT3-V557I- LFIVILT	321	77
>FLT3-V557I- LFIVVLTLL	421	>FLT3-V557I- LFIVILTLL	383	38
>FLT3-V557I- LLFIVVLT	167	>FLT3-V557I- LLFIVILT	147	20
>FLT3-V557I- LLFIVVLT	36	>FLT3-V557I- LLFIVILT	30	6
>FLT3-V557I- LLFIVVLTLL	61	>FLT3-V557I- LLFIVILTLL	60	1
>FLT3-V557I- LLFIVVLTLLI	35	>FLT3-V557I- LLFIVILTLLI	32	3
>FLT3-V557I- LLFIVVLT	158	>FLT3-V557I- LLFIVILT	226	68
>FLT3-V557I- LLFIVVLT	169	>FLT3-V557I- LLFIVILT	163	6
>FLT3-V557I- LLFIVVLTLL	18	>FLT3-V557I- LLFIVILTLL	17	1
>FLT3-V557I- LLFIVVLTLLI	92	>FLT3-V557I- LLFIVILTLLI	91	1
>FLT3-V557I- LLFIVVLT	212	>FLT3-V557I- LLFIVILT	281	69
>FLT3-V557I- LLFIVVLT	65	>FLT3-V557I- LLFIVILT	82	17
>FLT3-V557I- LLFIVVLTLL	51	>FLT3-V557I- LLFIVILTLL	51	0
>FLT3-V557I- LLFIVVLTLLI	50	>FLT3-V557I- LLFIVILTLLI	53	3
>FLT3-V557I- LLFIVVLT	695	>FLT3-V557I- LLFIVILT	457	238
>FLT3-V557I- LLFIVVLTLL	168	>FLT3-V557I- LLFIVILTLL	170	2
>FLT3-V557I- LLFIVVLTLLI	549	>FLT3-V557I- LLFIVILTLLI	465	84
>FLT3-V557I- LLFIVVLT	14	>FLT3-V557I- LLFIVILT	12	2
>FLT3-V557I- LLFIVVLT	2	>FLT3-V557I- LLFIVILT	2	0
>FLT3-V557I- LLFIVVLTLL	3	>FLT3-V557I- LLFIVILTLL	3	0
>FLT3-V557I- LLFIVVLTLLI	4	>FLT3-V557I- LLFIVILTLLI	3	1
>FLT3-V557I- LLFIVVLT	33	>FLT3-V557I- LLFIVILT	30	3
>FLT3-V557I- LLFIVVLTLL	83	>FLT3-V557I- LLFIVILTLL	83	0
>FLT3-V557I- LLFIVVLTLLI	128	>FLT3-V557I- LLFIVILTLLI	127	1
>FLT3-V557I- LLFIVVLT	92	>FLT3-V557I- LLFIVILT	90	2
>FLT3-V557I- LLFIVVLT	6	>FLT3-V557I- LLFIVILT	6	0
>FLT3-V557I- LLFIVVLTLL	9	>FLT3-V557I- LLFIVILTLL	10	1
>FLT3-V557I- LLFIVVLTLLI	12	>FLT3-V557I- LLFIVILTLLI	11	1

>FLT3-V557I-LLFIVVLT	62	>FLT3-V557I-LLFIVILT	79	17
>FLT3-V557I-LLFIVVLTLL	221	>FLT3-V557I-LLFIVILTLL	190	31
>FLT3-V557I-LLFIVVLT	23	>FLT3-V557I-LLFIVILT	21	2
>FLT3-V557I-LLFIVVLT	3	>FLT3-V557I-LLFIVILT	2	1
>FLT3-V557I-LLFIVVLTLL	3	>FLT3-V557I-LLFIVILTLL	3	0
>FLT3-V557I-LLFIVVLTLLI	8	>FLT3-V557I-LLFIVILTLLI	7	1
>FLT3-V557I-LLFIVVLT	45	>FLT3-V557I-LLFIVILT	93	48
>FLT3-V557I-LLFIVVLTLLI	115	>FLT3-V557I-LLFIVILTLLI	179	64
>FLT3-V557I-LLFIVVLT	156	>FLT3-V557I-LLFIVILT	216	60
>FLT3-V557I-LLFIVVLT	217	>FLT3-V557I-LLFIVILT	355	138
>FLT3-V557I-LLFIVVLT	490	>FLT3-V557I-LLFIVILT	603	113
>FLT3-V557I-LLFIVVLTLL	169	>FLT3-V557I-LLFIVILTLL	146	23
>FLT3-V557I-LLFIVVLTLLI	371	>FLT3-V557I-LLFIVILTLLI	320	51
>FLT3-V557I-CLLFIVV	79	>FLT3-V557I-CLLFIVIL	87	8
>FLT3-V557I-CLLFIVVLT	456	>FLT3-V557I-CLLFIVILT	373	83
>FLT3-V557I-CLLFIVVLT	120	>FLT3-V557I-CLLFIVILT	85	35
>FLT3-V557I-CLLFIVVLTLL	49	>FLT3-V557I-CLLFIVILTLL	47	2
>FLT3-V557I-CLLFIVV	443	>FLT3-V557I-CLLFIVIL	520	77
>FLT3-V557I-CLLFIVVLT	86	>FLT3-V557I-CLLFIVILT	77	9
>FLT3-V557I-CLLFIVVLTLL	107	>FLT3-V557I-CLLFIVILTLL	109	2
>FLT3-V557I-CLLFIVVLT	282	>FLT3-V557I-CLLFIVILT	235	47
>FLT3-V557I-CLLFIVVLTLL	219	>FLT3-V557I-CLLFIVILTLL	228	9
>FLT3-V557I-CLLFIVVLT	395	>FLT3-V557I-CLLFIVILT	236	159
>FLT3-V557I-CLLFIVVLTLL	368	>FLT3-V557I-CLLFIVILTLL	390	22
>FLT3-V557I-CLLFIVV	15	>FLT3-V557I-CLLFIVIL	37	22
>FLT3-V557I-CLLFIVVLT	465	>FLT3-V557I-CLLFIVILT	355	110
>FLT3-V557I-CLLFIVVLT	8	>FLT3-V557I-CLLFIVILT	7	1
>FLT3-V557I-CLLFIVVLTLL	26	>FLT3-V557I-CLLFIVILTLL	37	11
>FLT3-V557I-CLLFIVV	45	>FLT3-V557I-CLLFIVIL	56	11
>FLT3-V557I-CLLFIVVLT	37	>FLT3-V557I-CLLFIVILT	36	1
>FLT3-V557I-CLLFIVVLTLL	138	>FLT3-V557I-CLLFIVILTLL	153	15
>FLT3-V557I-CLLFIVV	120	>FLT3-V557I-CLLFIVIL	146	26
>FLT3-V557I-CLLFIVVLT	40	>FLT3-V557I-CLLFIVILT	39	1
>FLT3-V557I-CLLFIVVLTLL	101	>FLT3-V557I-CLLFIVILTLL	131	30
>FLT3-V557I-CLLFIVV	11	>FLT3-V557I-CLLFIVIL	17	6
>FLT3-V557I-CLLFIVVLT	362	>FLT3-V557I-CLLFIVILT	447	85
>FLT3-V557I-CLLFIVVLT	8	>FLT3-V557I-CLLFIVILT	10	2
>FLT3-V557I-CLLFIVVLTLL	18	>FLT3-V557I-CLLFIVILTLL	16	2
>FLT3-V557I-CLLFIVV	27	>FLT3-V557I-CLLFIVIL	38	11
>FLT3-V557I-CLLFIVVLT	17	>FLT3-V557I-CLLFIVILT	14	3
>FLT3-V557I-CLLFIVVLTLL	28	>FLT3-V557I-CLLFIVILTLL	28	0
>FLT3-V557I-CLLFIVVLT	155	>FLT3-V557I-CLLFIVILT	355	200
>FLT3-V557I-CLLFIVVLT	1297	>FLT3-V557I-CLLFIVILT	462	835

>FLT3-V557I- VCLLFIVV	314	>FLT3-V557I- VCLLFIVI	3625	3311
>FLT3-V557I- GVCLLFIVV	373	>FLT3-V557I- GVCLLFIVI	2257	1884
>FLT3-V571I- RYESQLQM	39	>FLT3-V571I- IYESQLQM	483	444
>FLT3-V571I- RYESQLQMV	32	>FLT3-V571I- IYESQLQMV	431	399
>FLT3-V571I- RYESQLQMV	39	>FLT3-V571I- IYESQLQMVC	477	438
>FLT3-V571I- FRYESQLQM	2728	>FLT3-V571I- FIYESQLQM	247	2481
>FLT3-V571I- FRYESQLQM	17728	>FLT3-V571I- FIYESQLQM	39	17689
>FLT3-V571I- FRYESQLQM	2104	>FLT3-V571I- FIYESQLQMV	19	2085
>FLT3-V571I- FRYESQLQ	16236	>FLT3-V571I- FIYESQLQ	317	15919
>FLT3-V571I- FRYESQLQM	9639	>FLT3-V571I- FIYESQLQM	62	9577
>FLT3-V571I- FRYESQLQM	958	>FLT3-V571I- FIYESQLQMV	24	934
>FLT3-V571I- FRYESQLQM	14684	>FLT3-V571I- FIYESQLQM	56	14628
>FLT3-V571I- FRYESQLQM	1065	>FLT3-V571I- FIYESQLQMV	12	1053
>FLT3-V571I- FRYESQLQM	11474	>FLT3-V571I- FIYESQLQM	50	11424
>FLT3-V571I- FRYESQLQM	511	>FLT3-V571I- FIYESQLQMV	28	483
>FLT3-V571I- FRYESQLQ	16132	>FLT3-V571I- FIYESQLQ	325	15807
>FLT3-V571I- FRYESQLQM	4032	>FLT3-V571I- FIYESQLQM	13	4019
>FLT3-V571I- FRYESQLQM	59	>FLT3-V571I- FIYESQLQMV	1	58
>FLT3-V571I- FRYESQLQM	16953	>FLT3-V571I- FIYESQLQMV	406	16547
>FLT3-V571I- FRYESQLQM	2950	>FLT3-V571I- FIYESQLQMV	5	2945
>FLT3-V571I- FRYESQLQM	13409	>FLT3-V571I- FIYESQLQM	57	13352
>FLT3-V571I- FRYESQLQM	171	>FLT3-V571I- FIYESQLQMV	4	167
>FLT3-V571I- FRYESQLQM	19673	>FLT3-V571I- FIYESQLQM	224	19449
>FLT3-V571I- FRYESQLQM	9611	>FLT3-V571I- FIYESQLQMV	8	9603
>FLT3-V571I- FRYESQLQ	21473	>FLT3-V571I- FIYESQLQ	54	21419
>FLT3-V571I- FRYESQLQM	14667	>FLT3-V571I- FIYESQLQM	10	14657
>FLT3-V571I- FRYESQLQM	50	>FLT3-V571I- FIYESQLQMV	2	48
>FLT3-V571I- FRYESQLQM	21558	>FLT3-V571I- FIYESQLQMV	71	21487
>FLT3-V571I- FRYESQLQM	19309	>FLT3-V571I- FIYESQLQM	415	18894
>FLT3-V571I- FRYESQLQM	6915	>FLT3-V571I- FIYESQLQM	405	6510
>FLT3-V571I- FRYESQLQM	4510	>FLT3-V571I- FIYESQLQMV	94	4416
>FLT3-V571I- FRYESQLQM	12114	>FLT3-V571I- FIYESQLQM	29	12085
>FLT3-V571I- FRYESQLQM	3000	>FLT3-V571I- FIYESQLQMV	6	2994
>FLT3-V571I- FRYESQLQM	12950	>FLT3-V571I- FIYESQLQM	208	12742
>FLT3-V571I- FRYESQLQM	2498	>FLT3-V571I- FIYESQLQM	257	2241
>FLT3-V571I- FRYESQLQM	13	>FLT3-V571I- FIYESQLQM	185	172
>FLT3-V571I- FRYESQLQM	41	>FLT3-V571I- FIYESQLQMV	569	528
>FLT3-V571I- FRYESQLQM	405	>FLT3-V571I- FIYESQLQMV	3071	2666
>FLT3-V571I- FRYESQLQM	6844	>FLT3-V571I- FIYESQLQM	28	6816
>FLT3-V571I- FRYESQLQM	18	>FLT3-V571I- FIYESQLQM	13515	13497
>FLT3-V571I- FRYESQLQM	111	>FLT3-V571I- FIYESQLQMV	28730	28619
>FLT3-V571I- FRYESQLQM	489	>FLT3-V571I- FIYESQLQMV	24299	23810
>FLT3-V571I- FRYESQLQM	3606	>FLT3-V571I- FIYESQLQM	217	3389

>FLT3-V571I- FRYESQLQM	26	>FLT3-V571I- FIYESQLQM	1675	1649
>FLT3-V571I- FRYESQLQM'	287	>FLT3-V571I- FIYESQLQMV	9262	8975
>FLT3-V571I- FRYESQLQM	16343	>FLT3-V571I- FIYESQLQM	109	16234
>FLT3-V571I- FRYESQLQM'	428	>FLT3-V571I- FIYESQLQMV	23198	22770
>FLT3-V571I- FRYESQLQM'	336	>FLT3-V571I- FIYESQLQMV	23278	22942
>FLT3-V571I- FRYESQLQM	475	>FLT3-V571I- FIYESQLQM	27356	26881
>FLT3-V571I- FRYESQLQM'	164	>FLT3-V571I- FIYESQLQMV	28300	28136
>FLT3-V571I- LICHKYKKQFI	31	>FLT3-V571I- LICHKYKKQFI	13702	13671
>FLT3-V571I- LICHKYKKQFI	87	>FLT3-V571I- LICHKYKKQFI	23396	23309
>FLT3-V571I- LICHKYKKQFI	344	>FLT3-V571I- LICHKYKKQFI	35416	35072
>FLT3-V571I- LICHKYKKQFI	303	>FLT3-V571I- LICHKYKKQFI	33788	33485
>FLT3-V571I- QFRYESQL	2692	>FLT3-V571I- QFIYESQL	383	2309
>FLT3-V571I- QFRYESQLQM	282	>FLT3-V571I- QFIYESQLQM	13320	13038
>FLT3-V571I- QFRYESQLQM	327	>FLT3-V571I- QFIYESQLQM	13419	13092
>FLT3-V571I- QFRYESQLQM	1131	>FLT3-V571I- QFIYESQLQM	491	640
>FLT3-V571I- KQFRYESQL	136	>FLT3-V571I- KQFIYESQL	190	54
>FLT3-V571I- KQFRYESQLC	344	>FLT3-V571I- KQFIYESQLQ	482	138
>FLT3-V571I- KQFRYESQL	155	>FLT3-V571I- KQFIYESQL	112	43
>FLT3-V571I- KQFRYESQL	138	>FLT3-V571I- KQFIYESQL	125	13
>FLT3-V571I- KQFRYESQLC	297	>FLT3-V571I- KQFIYESQLQ	299	2
>FLT3-V571I- KQFRYESQL	372	>FLT3-V571I- KQFIYESQL	318	54
>FLT3-V571I- KQFRYESQL	420	>FLT3-V571I- KQFIYESQL	664	244
>FLT3-V571I- KQFRYESQLC	78	>FLT3-V571I- KQFIYESQLQ	96	18
>FLT3-V571I- KQFRYESQ	95	>FLT3-V571I- KQFIYESQ	228	133
>FLT3-V571I- KQFRYESQL	6	>FLT3-V571I- KQFIYESQL	11	5
>FLT3-V571I- KQFRYESQLC	176	>FLT3-V571I- KQFIYESQLQ	419	243
>FLT3-V571I- KQFRYESQLC	4	>FLT3-V571I- KQFIYESQLQ	6	2
>FLT3-V571I- KQFRYESQLC	1216	>FLT3-V571I- KQFIYESQLQ	224	992
>FLT3-V571I- KQFRYESQLC	146	>FLT3-V571I- KQFIYESQLQ	262	116
>FLT3-V571I- KQFRYESQL	101	>FLT3-V571I- KQFIYESQL	71	30
>FLT3-V571I- KQFRYESQLC	462	>FLT3-V571I- KQFIYESQLQ	1234	772
>FLT3-V571I- KQFRYESQL	320	>FLT3-V571I- KQFIYESQL	562	242
>FLT3-V571I- KQFRYESQL	355	>FLT3-V571I- KQFIYESQL	911	556
>FLT3-V571I- KKQFRYESQL	113	>FLT3-V571I- KKQFIYESQL	152	39
>FLT3-V571I- YKKQFRYESQ	324	>FLT3-V571I- YKKQFIYESQ	657	333
>FLT3-V571I- YKKQFRYES	481	>FLT3-V571I- YKKQFIYES	349	132
>FLT3-V571I- YKKQFRYESQ	384	>FLT3-V571I- YKKQFIYESQ	323	61
>FLT3-V571I- YKKQFRYESQ	19	>FLT3-V571I- YKKQFIYESQ	18	1
>FLT3-V571I- KYKKQFRY	26	>FLT3-V571I- KYKKQFIY	16	10
>FLT3-V571I- KYKKQFRYE	70	>FLT3-V571I- KYKKQFIYE	23	47
>FLT3-V571I- KYKKQFRYES	26	>FLT3-V571I- KYKKQFIYES	35	9
>FLT3-V571I- KYKKQFRYES	57	>FLT3-V571I- KYKKQFIYESC	60	3
>FLT3-V571I- KYKKQFRY	67	>FLT3-V571I- KYKKQFIY	62	5

>FLT3-V571I- KYKKQFRY	292	>FLT3-V571I- KYKKQFIY	342	50
>FLT3-V571I- KYKKQFRYE	736	>FLT3-V571I- KYKKQFIYE	281	455
>FLT3-V571I- KYKKQFRY	31	>FLT3-V571I- KYKKQFIY	24	7
>FLT3-V571I- KYKKQFRY	151	>FLT3-V571I- KYKKQFIY	187	36
>FLT3-V571I- KYKKQFRYE	433	>FLT3-V571I- KYKKQFIYE	76	357
>FLT3-V571I- KYKKQFRYES	696	>FLT3-V571I- KYKKQFIYES	360	336
>FLT3-V571I- KYKKQFRYES	540	>FLT3-V571I- KYKKQFIYESC	307	233
>FLT3-V571I- HKYKKQFRY	556	>FLT3-V571I- HKYKKQFIY	425	131
>FLT3-V571I- HKYKKQFR	302	>FLT3-V571I- HKYKKQFI	21202	20900
>FLT3-V571I- HKYKKQFRY	249	>FLT3-V571I- HKYKKQFIY	281	32
>FLT3-V571I- HKYKKQFR	782	>FLT3-V571I- HKYKKQFI	111	671
>FLT3-V571I- HKYKKQFRY	34	>FLT3-V571I- HKYKKQFIY	10	24
>FLT3-V571I- HKYKKQFRY	338	>FLT3-V571I- HKYKKQFIY	135	203
>FLT3-V571I- HKYKKQFRY	153	>FLT3-V571I- HKYKKQFIY	325	172
>FLT3-V571I- HKYKKQFR	48	>FLT3-V571I- HKYKKQFI	30755	30707
>FLT3-V571I- CHKYKKQFR	205	>FLT3-V571I- CHKYKKQFI	21683	21478
>FLT3-V571I- ICHKYKKQFR	145	>FLT3-V571I- ICHKYKKQFI	23828	23683
>FLT3-V571I- ICHKYKKQFR'	306	>FLT3-V571I- ICHKYKKQFIY	305	1
>FLT3-V571I- ICHKYKKQFR'	375	>FLT3-V571I- ICHKYKKQFIY	327	48
>FLT3-V571I- ICHKYKKQFR	102	>FLT3-V571I- ICHKYKKQFI	28158	28056
>FLT3-V579A VQVTGSSDNI	47	>FLT3-V579A AQTGSSDNI	72	25
>FLT3-V579A VQVTGSSDNI	67	>FLT3-V579A AQTGSSDNI	56	11
>FLT3-V579A VQVTGSSDNI	99	>FLT3-V579A AQTGSSDNI	126	27
>FLT3-V579A VQVTGSSDNI	8	>FLT3-V579A AQTGSSDNI	6	2
>FLT3-V579A QFRYESQLQM	327	>FLT3-V579A QFRYESQLQM	165	162
>FLT3-V579A LQMVQVTGS	2425	>FLT3-V579A LQMAQVTGS	485	1940
>FLT3-V579A LQMVQVTGS	389	>FLT3-V579A LQMAQVTGS	113	276
>FLT3-V579A LQMVQVTG	364	>FLT3-V579A LQMAQVTG	179	185
>FLT3-V579A LQMVQVTGS	808	>FLT3-V579A LQMAQVTGS	355	453
>FLT3-V579A SQLQMVQV	86	>FLT3-V579A SQLQMAQV	208	122
>FLT3-V579A SQLQMVQV	295	>FLT3-V579A SQLQMAQV	290	5
>FLT3-V579A SQLQMVQV	8	>FLT3-V579A SQLQMAQV	10	2
>FLT3-V579A SQLQMVQV	22	>FLT3-V579A SQLQMAQV	35	13
>FLT3-V579A SQLQMVQV	243	>FLT3-V579A SQLQMAQV	234	9
>FLT3-V579A SQLQMVQV	18	>FLT3-V579A SQLQMAQV	32	14
>FLT3-V579A SQLQMVQV	85	>FLT3-V579A SQLQMAQV	107	22
>FLT3-V579A SQLQMVQV	402	>FLT3-V579A SQLQMAQV	859	457
>FLT3-V579A SQLQMVQV	344	>FLT3-V579A SQLQMAQV	640	296
>FLT3-V579A ESQQLQMVQV	183	>FLT3-V579A ESQQLQMAQV	118	65
>FLT3-V579A ESQQLQMVQV	338	>FLT3-V579A ESQQLQMAQV	193	145
>FLT3-V579A YESQLQMV	50	>FLT3-V579A YESQLQMA	495	445
>FLT3-V579A YESQLQMVQ	46	>FLT3-V579A YESQLQMAQ	36	10
>FLT3-V579A YESQLQMVQ	616	>FLT3-V579A YESQLQMAQ	448	168



>FLT3-V579A YESQLQMV	484	>FLT3-V579A YESQLQMA	1239	755
>FLT3-V579A YESQLQMVQ	253	>FLT3-V579A YESQLQMAQ	78	175
>FLT3-V579A YESQLQMV	120	>FLT3-V579A YESQLQMA	5559	5439
>FLT3-V579A YESQLQMV	120	>FLT3-V579A YESQLQMA	128	8
>FLT3-V579A YESQLQMVQ	611	>FLT3-V579A YESQLQMAQ	376	235
>FLT3-V579A YESQLQMVQ	85	>FLT3-V579A YESQLQMAQ	116	31
>FLT3-V579A YESQLQMVQ	70	>FLT3-V579A YESQLQMAQ	103	33
>FLT3-V579A YESQLQMV	582	>FLT3-V579A YESQLQMA	121	461
>FLT3-V579A YESQLQMVQ	244	>FLT3-V579A YESQLQMAQ	241	3
>FLT3-V579A YESQLQMV	110	>FLT3-V579A YESQLQMA	2178	2068
>FLT3-V579A YESQLQMVQ	55	>FLT3-V579A YESQLQMAQ	91	36
>FLT3-V579A YESQLQMVQ	58	>FLT3-V579A YESQLQMAQ	101	43
>FLT3-V579A RYESQLQMV	32	>FLT3-V579A RYESQLQMA	400	368
>FLT3-V579A RYESQLQMV	39	>FLT3-V579A RYESQLQMA	66	27
>FLT3-V579A FRYESQLQM'	59	>FLT3-V579A FRYESQLQM'	1784	1725
>FLT3-V579A FRYESQLQM'	171	>FLT3-V579A FRYESQLQM'	6879	6708
>FLT3-V579A FRYESQLQM'	50	>FLT3-V579A FRYESQLQM'	5959	5909
>FLT3-V579A FRYESQLQM'	41	>FLT3-V579A FRYESQLQM'	212	171
>FLT3-V579A FRYESQLQM'	405	>FLT3-V579A FRYESQLQM'	264	141
>FLT3-V579A FRYESQLQM'	111	>FLT3-V579A FRYESQLQM'	134	23
>FLT3-V579A FRYESQLQM'	489	>FLT3-V579A FRYESQLQM'	492	3
>FLT3-V579A FRYESQLQM'	287	>FLT3-V579A FRYESQLQM'	7886	7599
>FLT3-V579A FRYESQLQM'	428	>FLT3-V579A FRYESQLQM'	211	217
>FLT3-V579A FRYESQLQM'	336	>FLT3-V579A FRYESQLQM'	394	58
>FLT3-V579A FRYESQLQM'	164	>FLT3-V579A FRYESQLQM'	315	151
>FLT3-V592A VDFREYEYDL	2322	>FLT3-V592A ADFREYEYDL	423	1899
>FLT3-V592A VDFREYEYDL	411	>FLT3-V592A ADFREYEYDL	218	193
>FLT3-V592A YVDFREYEY	20	>FLT3-V592A YADFREYEY	27	7
>FLT3-V592A YVDFREYEYD	212	>FLT3-V592A YADFREYEYD	1310	1098
>FLT3-V592A YVDFREYEYD	475	>FLT3-V592A YADFREYEYD	2046	1571
>FLT3-V592A YVDFREYEYD	419	>FLT3-V592A YADFREYEYD	1705	1286
>FLT3-V592A YVDFREYEYD	244	>FLT3-V592A YADFREYEYD	2215	1971
>FLT3-V592A YVDFREYEY	38	>FLT3-V592A YADFREYEY	187	149
>FLT3-V592A YVDFREYEY	274	>FLT3-V592A YADFREYEY	528	254
>FLT3-V592A YVDFREYEY	20	>FLT3-V592A YADFREYEY	353	333
>FLT3-V592A YVDFREYEY	1594	>FLT3-V592A YADFREYEY	193	1401
>FLT3-V592A YVDFREYEY	90	>FLT3-V592A YADFREYEY	23	67
>FLT3-V592A YVDFREYEY	18	>FLT3-V592A YADFREYEY	34	16
>FLT3-V592A TGSSDNEYFY	103	>FLT3-V592A TGSSDNEYFY	1638	1535
>FLT3-V592A FYVDFREYEY	574	>FLT3-V592A FYADFREYEY	108	466
>FLT3-V592A FYVDFREYEY	404	>FLT3-V592A FYADFREYEY	465	61
>FLT3-V592A FYVDFREY	313	>FLT3-V592A FYADFREY	173	140
>FLT3-V592A FYVDFREYEY	271	>FLT3-V592A FYADFREYEY	151	120

>FLT3-V592A FYVDFREY	377	>FLT3-V592A FYADFREY	251	126
>FLT3-V592A FYVDFREY	15	>FLT3-V592A FYADFREY	15	0
>FLT3-V592A FYVDFREY EY	24	>FLT3-V592A FYADFREY EY	16	8
>FLT3-V592A FYVDFREY	1073	>FLT3-V592A FYADFREY	294	779
>FLT3-V592A FYVDFREY EY	68	>FLT3-V592A FYADFREY EY	51	17
>FLT3-V592A FYVDFREY EY	626	>FLT3-V592A FYADFREY EY	291	335
>FLT3-V592A YFYVDFREY	7	>FLT3-V592A YFYADFREY	6	1
>FLT3-V592A YFYVDFREY E'	6	>FLT3-V592A YFYADFREY E'	5	1
>FLT3-V592A YFYVDFREY E'	310	>FLT3-V592A YFYADFREY E'	323	13
>FLT3-V592A YFYVDFREY	642	>FLT3-V592A YFYADFREY	127	515
>FLT3-V592A YFYVDFREY E'	177	>FLT3-V592A YFYADFREY E'	54	123
>FLT3-V592A YFYVDFREY	461	>FLT3-V592A YFYADFREY	184	277
>FLT3-V592A YFYVDFREY E'	826	>FLT3-V592A YFYADFREY E'	380	446
>FLT3-V592A YFYVDFREY	102	>FLT3-V592A YFYADFREY	52	50
>FLT3-V592A YFYVDFREY E'	132	>FLT3-V592A YFYADFREY E'	72	60
>FLT3-V592A YFYVDFREY	294	>FLT3-V592A YFYADFREY	222	72
>FLT3-V592A YFYVDFREY E'	460	>FLT3-V592A YFYADFREY E'	363	97
>FLT3-V592A YFYVDFREY	146	>FLT3-V592A YFYADFREY	98	48
>FLT3-V592A YFYVDFREY E'	73	>FLT3-V592A YFYADFREY E'	59	14
>FLT3-V592A YFYVDFREY	411	>FLT3-V592A YFYADFREY	132	279
>FLT3-V592A YFYVDFREY E'	372	>FLT3-V592A YFYADFREY E'	147	225
>FLT3-V592A YFYVDFREY E'	312	>FLT3-V592A YFYADFREY E'	297	15
>FLT3-V592A EYFYVDFREY	355	>FLT3-V592A EYFYADFREY	215	140
>FLT3-V592A EYFYVDFREY	288	>FLT3-V592A EYFYADFREY	455	167
>FLT3-V592A EYFYVDFREY	644	>FLT3-V592A EYFYADFREY	459	185
>FLT3-V592A EYFYVDFREY	18	>FLT3-V592A EYFYADFREY	28	10
>FLT3-V592A EYFYVDFREY	39	>FLT3-V592A EYFYADFREY	43	4
>FLT3-V592A EYFYVDFR	65	>FLT3-V592A EYFYADFR	176	111
>FLT3-V592A EYFYVDFR	6	>FLT3-V592A EYFYADFR	10	4
>FLT3-V592A EYFYVDFR	2	>FLT3-V592A EYFYADFR	3	1
>FLT3-V592A EYFYVDFREY I	313	>FLT3-V592A EYFYADFREY I	577	264
>FLT3-V592A EYFYVDFR	25	>FLT3-V592A EYFYADFR	19	6
>FLT3-V592A NEYFYVDFR	207	>FLT3-V592A NEYFYADFR	125	82
>FLT3-V592A NEYFYVDFRE	63	>FLT3-V592A NEYFYADFRE	56	7
>FLT3-V592A NEYFYVDFR	28	>FLT3-V592A NEYFYADFR	24	4
>FLT3-V592A NEYFYVDF	99	>FLT3-V592A NEYFYADF	218	119
>FLT3-V592A NEYFYVDF	9	>FLT3-V592A NEYFYADF	9	0
>FLT3-V592A NEYFYVDFRE	7	>FLT3-V592A NEYFYADFRE	7	0
>FLT3-V592A NEYFYVDF	426	>FLT3-V592A NEYFYADF	1412	986
>FLT3-V592A NEYFYVDF	447	>FLT3-V592A NEYFYADF	424	23
>FLT3-V592A NEYFYVDFRE	293	>FLT3-V592A NEYFYADFRE	299	6
>FLT3-V592A NEYFYVDF	43	>FLT3-V592A NEYFYADF	43	0
>FLT3-V592A NEYFYVDFR	518	>FLT3-V592A NEYFYADFR	432	86

>FLT3-V592A NEYFYVDFRE	53	>FLT3-V592A NEYFYADFRE	44	9
>FLT3-V592A NEYFYVDFR	275	>FLT3-V592A NEYFYADFR	216	59
>FLT3-V592A DNEYFYVDFR	198	>FLT3-V592A DNEYFYADFR	191	7
>FLT3-V592A SDNEYFYV	245	>FLT3-V592A SDNEYFYA	2989	2744
>FLT3-V592A SDNEYFYV	221	>FLT3-V592A SDNEYFYA	5489	5268
>FLT3-V592A SDNEYFYVDF	355	>FLT3-V592A SDNEYFYADF	367	12
>FLT3-V592A SDNEYFYVDF	371	>FLT3-V592A SDNEYFYADF	637	266
>FLT3-V592A SDNEYFYV	2342	>FLT3-V592A SDNEYFYA	458	1884
>FLT3-V592A SDNEYFYV	36	>FLT3-V592A SDNEYFYA	987	951
>FLT3-V592A SSDNEYFYV	414	>FLT3-V592A SSDNEYFYA	928	514
>FLT3-V592A SSDNEYFYV	185	>FLT3-V592A SSDNEYFYA	3657	3472
>FLT3-V592A SSDNEYFYV	24	>FLT3-V592A SSDNEYFYA	419	395
>FLT3-V592A SSDNEYFYV	39	>FLT3-V592A SSDNEYFYA	1806	1767
>FLT3-V592A SSDNEYFYV	55	>FLT3-V592A SSDNEYFYA	3987	3932
>FLT3-V592A SSDNEYFYV	34	>FLT3-V592A SSDNEYFYA	1309	1275
>FLT3-V592A SSDNEYFYVD	375	>FLT3-V592A SSDNEYFYAD	181	194
>FLT3-V592A GSSDNEYFYV	336	>FLT3-V592A GSSDNEYFYA	2818	2482
>FLT3-V592A GSSDNEYFYV	129	>FLT3-V592A GSSDNEYFYA	793	664
>FLT3-V592A GSSDNEYFYV	186	>FLT3-V592A GSSDNEYFYA	5376	5190
>FLT3-V592A GSSDNEYFYV	376	>FLT3-V592A GSSDNEYFYA	8211	7835
>FLT3-V592A GSSDNEYFYV	392	>FLT3-V592A GSSDNEYFYA	10440	10048
>FLT3-V592A GSSDNEYFYV	199	>FLT3-V592A GSSDNEYFYA	1985	1786
>FLT3-V592A GSSDNEYFYV	227	>FLT3-V592A GSSDNEYFYA	1350	1123
>FLT3-V592C VDFREYEYDL	411	>FLT3-V592C GDFREYEYDL	615	204
>FLT3-V592C YVDFREYEY	20	>FLT3-V592C YGDFREYEY	311	291
>FLT3-V592C YVDFREYEYD	212	>FLT3-V592C YGDFREYEYD	9590	9378
>FLT3-V592C YVDFREYEYD	475	>FLT3-V592C YGDFREYEYD	5891	5416
>FLT3-V592C YVDFREYEYD	419	>FLT3-V592C YGDFREYEYD	8125	7706
>FLT3-V592C YVDFREYEYD	244	>FLT3-V592C YGDFREYEYD	12780	12536
>FLT3-V592C YVDFREYEY	38	>FLT3-V592C YGDFREYEY	651	613
>FLT3-V592C YVDFREYEY	274	>FLT3-V592C YGDFREYEY	509	235
>FLT3-V592C YVDFREYEY	20	>FLT3-V592C YGDFREYEY	1323	1303
>FLT3-V592C YVDFREYEY	90	>FLT3-V592C YGDFREYEY	222	132
>FLT3-V592C YVDFREYEY	18	>FLT3-V592C YGDFREYEY	75	57
>FLT3-V592C TGSSDNEYFY	103	>FLT3-V592C TGSSDNEYFY	15846	15743
>FLT3-V592C FYVDFREYEY	574	>FLT3-V592C FYGDFREYEY	295	279
>FLT3-V592C FYVDFREYEY	404	>FLT3-V592C FYGDFREYEY	1433	1029
>FLT3-V592C FYVDFREY	313	>FLT3-V592C FYGDFREY	196	117
>FLT3-V592C FYVDFREYEY	271	>FLT3-V592C FYGDFREYEY	169	102
>FLT3-V592C FYVDFREY	377	>FLT3-V592C FYGDFREY	1249	872
>FLT3-V592C FYVDFREY	15	>FLT3-V592C FYGDFREY	22	7
>FLT3-V592C FYVDFREYEY	24	>FLT3-V592C FYGDFREYEY	25	1
>FLT3-V592C FYVDFREYEY	68	>FLT3-V592C FYGDFREYEY	87	19

>FLT3-V592G FYVDFREY	1819	>FLT3-V592G FYGDFREY	437	1382
>FLT3-V592G FYVDFREY EY	626	>FLT3-V592G FYGDFREY EY	143	483
>FLT3-V592G YFYVDFREY	1037	>FLT3-V592G YFYGDFREY	421	616
>FLT3-V592G YFYVDFREY E'	963	>FLT3-V592G YFYGDFREY E'	467	496
>FLT3-V592G YFYVDFREY	2523	>FLT3-V592G YFYGDFREY	349	2174
>FLT3-V592G YFYVDFREY	7	>FLT3-V592G YFYGDFREY	6	1
>FLT3-V592G YFYVDFREY E'	6	>FLT3-V592G YFYGDFREY E'	5	1
>FLT3-V592G YFYVDFREY E'	310	>FLT3-V592G YFYGDFREY E'	366	56
>FLT3-V592G YFYVDFREY E'	177	>FLT3-V592G YFYGDFREY E'	237	60
>FLT3-V592G YFYVDFREY	461	>FLT3-V592G YFYGDFREY	327	134
>FLT3-V592G YFYVDFREY	102	>FLT3-V592G YFYGDFREY	71	31
>FLT3-V592G YFYVDFREY E'	132	>FLT3-V592G YFYGDFREY E'	94	38
>FLT3-V592G YFYVDFREY	294	>FLT3-V592G YFYGDFREY	682	388
>FLT3-V592G YFYVDFREY E'	460	>FLT3-V592G YFYGDFREY E'	881	421
>FLT3-V592G YFYVDFREY	146	>FLT3-V592G YFYGDFREY	93	53
>FLT3-V592G YFYVDFREY E'	73	>FLT3-V592G YFYGDFREY E'	58	15
>FLT3-V592G YFYVDFREY	411	>FLT3-V592G YFYGDFREY	679	268
>FLT3-V592G YFYVDFREY E'	372	>FLT3-V592G YFYGDFREY E'	571	199
>FLT3-V592G YFYVDFREY E'	312	>FLT3-V592G YFYGDFREY E'	212	100
>FLT3-V592G EYFYVDFREY	355	>FLT3-V592G EYFYGDFREY	576	221
>FLT3-V592G EYFYVDFREY	288	>FLT3-V592G EYFYGDFREY	1206	918
>FLT3-V592G EYFYVDFREY	18	>FLT3-V592G EYFYGDFREY	59	41
>FLT3-V592G EYFYVDFREY	39	>FLT3-V592G EYFYGDFREY	54	15
>FLT3-V592G EYFYVDFR	65	>FLT3-V592G EYFYGDFR	123	58
>FLT3-V592G EYFYVDFR	6	>FLT3-V592G EYFYGDFR	11	5
>FLT3-V592G EYFYVDFR	2	>FLT3-V592G EYFYGDFR	4	2
>FLT3-V592G EYFYVDFREY I	313	>FLT3-V592G EYFYGDFREY I	887	574
>FLT3-V592G EYFYVDFR	25	>FLT3-V592G EYFYGDFR	29	4
>FLT3-V592G NEYFYVDF	1224	>FLT3-V592G NEYFYGDF	393	831
>FLT3-V592G NEYFYVDFR	207	>FLT3-V592G NEYFYGDFR	521	314
>FLT3-V592G NEYFYVDFRE	63	>FLT3-V592G NEYFYGDFRE	106	43
>FLT3-V592G NEYFYVDFR	28	>FLT3-V592G NEYFYGDFR	69	41
>FLT3-V592G NEYFYVDF	99	>FLT3-V592G NEYFYGDF	490	391
>FLT3-V592G NEYFYVDF	9	>FLT3-V592G NEYFYGDF	14	5
>FLT3-V592G NEYFYVDFRE	7	>FLT3-V592G NEYFYGDFRE	7	0
>FLT3-V592G NEYFYVDF	426	>FLT3-V592G NEYFYGDF	1170	744
>FLT3-V592G NEYFYVDF	447	>FLT3-V592G NEYFYGDF	979	532
>FLT3-V592G NEYFYVDFRE	293	>FLT3-V592G NEYFYGDFRE	454	161
>FLT3-V592G NEYFYVDF	43	>FLT3-V592G NEYFYGDF	75	32
>FLT3-V592G NEYFYVDFRE	53	>FLT3-V592G NEYFYGDFRE	48	5
>FLT3-V592G NEYFYVDFR	275	>FLT3-V592G NEYFYGDFR	524	249
>FLT3-V592G DNEYFYVDFR	198	>FLT3-V592G DNEYFYGDFR	201	3
>FLT3-V592G SDNEYFYV	245	>FLT3-V592G SDNEYFYG	23184	22939

>FLT3-V592C SDNEYFYV	221	>FLT3-V592C SDNEYFYG	21199	20978
>FLT3-V592C SDNEYFYVDF	355	>FLT3-V592C SDNEYFYGDF	632	277
>FLT3-V592C SDNEYFYVDF	371	>FLT3-V592C SDNEYFYGDF	2163	1792
>FLT3-V592C SDNEYFYV	36	>FLT3-V592C SDNEYFYG	12262	12226
>FLT3-V592C SSDNEYFYV	414	>FLT3-V592C SSDNEYFYG	11742	11328
>FLT3-V592C SSDNEYFYV	185	>FLT3-V592C SSDNEYFYG	22001	21816
>FLT3-V592C SSDNEYFYV	24	>FLT3-V592C SSDNEYFYG	16498	16474
>FLT3-V592C SSDNEYFYV	39	>FLT3-V592C SSDNEYFYG	16453	16414
>FLT3-V592C SSDNEYFYV	55	>FLT3-V592C SSDNEYFYG	19518	19463
>FLT3-V592C SSDNEYFYV	34	>FLT3-V592C SSDNEYFYG	15312	15278
>FLT3-V592C SSDNEYFYVD	375	>FLT3-V592C SSDNEYFYGD	670	295
>FLT3-V592C GSSDNEYFYV	336	>FLT3-V592C GSSDNEYFYG	19394	19058
>FLT3-V592C GSSDNEYFYV	129	>FLT3-V592C GSSDNEYFYG	13585	13456
>FLT3-V592C GSSDNEYFYV	186	>FLT3-V592C GSSDNEYFYG	22294	22108
>FLT3-V592C GSSDNEYFYV	376	>FLT3-V592C GSSDNEYFYG	19204	18828
>FLT3-V592C GSSDNEYFYV	392	>FLT3-V592C GSSDNEYFYG	23712	23320
>FLT3-V592C GSSDNEYFYV	199	>FLT3-V592C GSSDNEYFYG	30532	30333
>FLT3-V592C GSSDNEYFYV	227	>FLT3-V592C GSSDNEYFYG	11148	10921
>FLT3-V615A VLGSGAFGK\	337	>FLT3-V615A ALGSGAFGK\	305	32
>FLT3-V615A VLGSGAFGK\	92	>FLT3-V615A ALGSGAFGK\	44	48
>FLT3-V615A VLGSGAFGK\	48	>FLT3-V615A ALGSGAFGK\	28	20
>FLT3-V615A VLGSGAFGK\	4	>FLT3-V615A ALGSGAFGK\	5	1
>FLT3-V615A VLGSGAFGK\	239	>FLT3-V615A ALGSGAFGK\	316	77
>FLT3-V615A VLGSGAFGK\	26	>FLT3-V615A ALGSGAFGK\	30	4
>FLT3-V615A VLGSGAFGK\	10	>FLT3-V615A ALGSGAFGK\	10	0
>FLT3-V615A VLGSGAFGK\	8	>FLT3-V615A ALGSGAFGK\	16	8
>FLT3-V615A VLGSGAFGK	334	>FLT3-V615A ALGSGAFGK	269	65
>FLT3-V615A VLGSGAFGK\	2	>FLT3-V615A ALGSGAFGK\	2	0
>FLT3-V615A VLGSGAFGK\	242	>FLT3-V615A ALGSGAFGK\	217	25
>FLT3-V615A VLGSGAFGK	61	>FLT3-V615A ALGSGAFGK	65	4
>FLT3-V615A VLGSGAFGK	81	>FLT3-V615A ALGSGAFGK	64	17
>FLT3-V615A VLGSGAFGK\	485	>FLT3-V615A ALGSGAFGK\	298	187
>FLT3-V615A KVLGSGAFGk	290	>FLT3-V615A KALGSGAFGk	2198	1908
>FLT3-V615A KVLGSGAFGk	29	>FLT3-V615A KALGSGAFGk	140	111
>FLT3-V615A KVLGSGAFGk	30	>FLT3-V615A KALGSGAFGk	144	114
>FLT3-V615A KVLGSGAFGk	60	>FLT3-V615A KALGSGAFGk	476	416
>FLT3-V615A KVLGSGAFGk	398	>FLT3-V615A KALGSGAFGk	3274	2876
>FLT3-V615A KVLGSGAFGk	28	>FLT3-V615A KALGSGAFGk	454	426
>FLT3-V615A KVLGSGAFGk	30	>FLT3-V615A KALGSGAFGk	95	65
>FLT3-V615A KVLGSGAFGk	42	>FLT3-V615A KALGSGAFGk	121	79
>FLT3-V615A KVLGSGAFG	103	>FLT3-V615A KALGSGAFG	392	289
>FLT3-V615A KVLGSGAFGk	11	>FLT3-V615A KALGSGAFGk	23	12
>FLT3-V615A KVLGSGAFGk	175	>FLT3-V615A KALGSGAFGk	618	443

>FLT3-V615AKVLGSGAFGK	125	>FLT3-V615AKALGSGAFGK	279	154
>FLT3-V615AKVLGSGAF	32	>FLT3-V615AKALGSGAF	454	422
>FLT3-V615AKVLGSGAFGK	476	>FLT3-V615AKALGSGAFGK	1306	830
>FLT3-V615AKVLGSGAF	172	>FLT3-V615AKALGSGAF	264	92
>FLT3-V615AKVLGSGAF	345	>FLT3-V615AKALGSGAF	1246	901
>FLT3-V615AKVLGSGAF	165	>FLT3-V615AKALGSGAF	42	123
>FLT3-V615AKVLGSGAF	16	>FLT3-V615AKALGSGAF	6	10
>FLT3-V615AKVLGSGAFGK	2419	>FLT3-V615AKALGSGAFGK	312	2107
>FLT3-V615AKVLGSGAF	763	>FLT3-V615AKALGSGAF	259	504
>FLT3-V615AKVLGSGAF	476	>FLT3-V615AKALGSGAF	69	407
>FLT3-V615AKVLGSGAFGK	177	>FLT3-V615AKALGSGAFGK	1022	845
>FLT3-V615AFPRENLEFGK	102	>FLT3-V615AFPRENLEFGK	283	181
>FLT3-V615AFPRENLEFGK	231	>FLT3-V615AFPRENLEFGK	4318	4087
>FLT3-V615AFPRENLEFGK	18	>FLT3-V615AFPRENLEFGK	9	9
>FLT3-V615AGKVLGSGAF	60	>FLT3-V615AGKALGSGAF	68	8
>FLT3-V615AFGKVLGSGAF	116	>FLT3-V615AFGKALGSGAF	72	44
>FLT3-V615AFGKVLGSGAF	125	>FLT3-V615AFGKALGSGAF	65	60
>FLT3-V615AFGKVLGSGAF	352	>FLT3-V615AFGKALGSGAF	270	82
>FLT3-V615AFGKVLGSGAF	311	>FLT3-V615AFGKALGSGAF	408	97
>FLT3-V615AEFGKVLGSGA	70	>FLT3-V615AEFGKALGSGA	75	5
>FLT3-V615ALEFGKVLGS	499	>FLT3-V615ALEFGKALGS	1787	1288
>FLT3-V615ALEFGKVLGSG	124	>FLT3-V615ALEFGKALGSG	198	74
>FLT3-V615ALEFGKVLGSG	507	>FLT3-V615ALEFGKALGSG	434	73
>FLT3-V615AENLEFGKV	122	>FLT3-V615AENLEFGKA	2270	2148
>FLT3-V615ARENLEFGKV	457	>FLT3-V615ARENLEFGKA	7657	7200
>FLT3-V615ARENLEFGKVL	230	>FLT3-V615ARENLEFGKAL	130	100
>FLT3-V615ARENLEFGKV	432	>FLT3-V615ARENLEFGKA	85	347
>FLT3-V615ARENLEFGKV	17	>FLT3-V615ARENLEFGKA	589	572
>FLT3-V615ARENLEFGKVL	95	>FLT3-V615ARENLEFGKAL	81	14
>FLT3-Y364HYEEFCFSV	36	>FLT3-Y364HYEEFCFSV	49	13
>FLT3-Y364HYEEFCFSV	164	>FLT3-Y364HYEEFCFSV	3090	2926
>FLT3-Y364HYEEFCFSVRF	347	>FLT3-Y364HYEEFCFSVRF	1362	1015
>FLT3-Y364HYEEFCFSV	201	>FLT3-Y364HYEEFCFSV	716	515
>FLT3-Y364HYEEFCFSVRF	364	>FLT3-Y364HYEEFCFSVRF	689	325
>FLT3-Y364HYEEFCFSV	27	>FLT3-Y364HYEEFCFSV	23	4
>FLT3-Y364HYEEFCFSV	167	>FLT3-Y364HYEEFCFSV	90	77
>FLT3-Y364HYEEFCFSVRF	205	>FLT3-Y364HYEEFCFSVRF	282	77
>FLT3-Y364HYEEFCFSVRF	76	>FLT3-Y364HYEEFCFSVRF	104	28
>FLT3-Y364HYEEFCFSVRF	251	>FLT3-Y364HYEEFCFSVRF	246	5
>FLT3-Y364HYEEFCFSV	330	>FLT3-Y364HYEEFCFSV	92	238
>FLT3-Y364HYEEFCFSVR	253	>FLT3-Y364HYEEFCFSVR	78	175
>FLT3-Y364HQYEEFCFSVR	88	>FLT3-Y364HQYEEFCFSVR	5322	5234
>FLT3-Y364HQYEEFCFSVR	299	>FLT3-Y364HQYEEFCFSVR	8385	8086

>FLT3-Y364HQYEEFCFSVR	11	>FLT3-Y364HQHEEFCFSVR	8474	8463
>FLT3-Y364HQYEEFCFSVR	306	>FLT3-Y364HQHEEFCFSVR	2916	2610
>FLT3-Y364HQYEEFCFSVR	334	>FLT3-Y364HQHEEFCFSVR	5797	5463
>FLT3-Y364HQYEEFCFSVR	25	>FLT3-Y364HQHEEFCFSVR	403	378
>FLT3-Y364HQYEEFCFSV	111	>FLT3-Y364HQHEEFCFSV	1301	1190
>FLT3-Y364HQYEEFCFSV	155	>FLT3-Y364HQHEEFCFSV	10714	10559
>FLT3-Y364HNSSEDEYIDQ	263	>FLT3-Y364HNSSEDEYIDQ	20183	19920
>FLT3-Y364HNSSEDEYIDQ	341	>FLT3-Y364HNSSEDEYIDQ	14433	14092
>FLT3-Y364HDQYEEFCFSV	283	>FLT3-Y364HDQHEEFCFSV	1461	1178
>FLT3-Y364HDQYEEFCFSV	71	>FLT3-Y364HDQHEEFCFSV	616	545
>FLT3-Y364HDQYEEFCFSV	175	>FLT3-Y364HDQHEEFCFSV	1256	1081
>FLT3-Y364HDQYEEFCFSV	280	>FLT3-Y364HDQHEEFCFSV	1613	1333
>FLT3-Y364HDQYEEFCFSV	56	>FLT3-Y364HDQHEEFCFSV	331	275
>FLT3-Y364HDQYEEFCFSV	46	>FLT3-Y364HDQHEEFCFSV	448	402
>FLT3-Y364HDQYEEFCFSV	386	>FLT3-Y364HDQHEEFCFSV	2394	2008
>FLT3-Y364HDQYEEFCFSV	65	>FLT3-Y364HDQHEEFCFSV	1725	1660
>FLT3-Y364HDQYEEFCFSV	70	>FLT3-Y364HDQHEEFCFSV	171	101
>FLT3-Y364HDQYEEFCFSV	163	>FLT3-Y364HDQHEEFCFSV	626	463
>FLT3-Y364HDQYEEFCFSV	246	>FLT3-Y364HDQHEEFCFSV	2209	1963
>FLT3-Y364HDQYEEFCFSV	63	>FLT3-Y364HDQHEEFCFSV	1646	1583
>FLT3-Y364HDQYEEFCF	47	>FLT3-Y364HDQHEEFCF	160	113
>FLT3-Y364HDQYEEFCF	101	>FLT3-Y364HDQHEEFCF	343	242
>FLT3-Y364HDQYEEFCFSV	143	>FLT3-Y364HDQHEEFCFSV	363	220
>FLT3-Y364HIDQYEEFCFSV	237	>FLT3-Y364HIDQHEEFCFSV	96	141
>FLT3-Y364HYEIDQYEEF	364	>FLT3-Y364HYEIDQHEEF	1552	1188
>FLT3-Y364HYEIDQYEEF	197	>FLT3-Y364HYEIDQHEEF	132	65
>FLT3-Y364HYEIDQYEEF	32	>FLT3-Y364HYEIDQHEEF	44	12
>FLT3-Y364HYEIDQYEEFCF	72	>FLT3-Y364HYEIDQHEEFCF	92	20
>FLT3-Y364HYEIDQYEEF	14	>FLT3-Y364HYEIDQHEEF	10	4
>FLT3-Y364HYEIDQYEEFCF	21	>FLT3-Y364HYEIDQHEEFCF	21	0
>FLT3-Y364HYEIDQYEEF	25	>FLT3-Y364HYEIDQHEEF	30	5
>FLT3-Y364HYEIDQYEEFCF	67	>FLT3-Y364HYEIDQHEEFCF	81	14
>FLT3-Y364HYEIDQYEEF	189	>FLT3-Y364HYEIDQHEEF	162	27
>FLT3-Y364HYEIDQYEEFCF	217	>FLT3-Y364HYEIDQHEEFCF	193	24
>FLT3-Y364HYEIDQYEEF	166	>FLT3-Y364HYEIDQHEEF	280	114
>FLT3-Y364HYEIDQYEEFCF	267	>FLT3-Y364HYEIDQHEEFCF	330	63
>FLT3-Y364HYEIDQYEEF	114	>FLT3-Y364HYEIDQHEEF	233	119
>FLT3-Y364HYEIDQYEEFCF	94	>FLT3-Y364HYEIDQHEEFCF	124	30
>FLT3-Y364HYEIDQYEEF	18	>FLT3-Y364HYEIDQHEEF	46	28
>FLT3-Y364HYEIDQYEEFCF	26	>FLT3-Y364HYEIDQHEEFCF	45	19
>FLT3-Y364HDYEIDQYEEF	289	>FLT3-Y364HDYEIDQHEEF	364	75
>FLT3-Y364HDYEIDQYEEF	72	>FLT3-Y364HDYEIDQHEEF	133	61
>FLT3-Y364HSSSEDEYIDQY	27	>FLT3-Y364HSSSEDEYIDQH	7870	7843

>FLT3-Y364H SSEDYEIDQY	136	>FLT3-Y364H SSEDYEIDQH	16100	15964
>FLT3-Y364H SSEDYEIDQY	75	>FLT3-Y364H SSEDYEIDQH	9487	9412
>FLT3-Y364H SSEDYEIDQY	484	>FLT3-Y364H SSEDYEIDQH	17000	16516
>FLT3-Y572C YESQLQMV	50	>FLT3-Y572C CESQLQMV	881	831
>FLT3-Y572C YESQLQMVQ	46	>FLT3-Y572C CESQLQMVQ	346	300
>FLT3-Y572C YESQLQMV	484	>FLT3-Y572C CESQLQMV	2378	1894
>FLT3-Y572C YESQLQMVQ	253	>FLT3-Y572C CESQLQMVQ	1456	1203
>FLT3-Y572C YESQLQMV	120	>FLT3-Y572C CESQLQMV	1206	1086
>FLT3-Y572C YESQLQMV	120	>FLT3-Y572C CESQLQMV	268	148
>FLT3-Y572C YESQLQMVQ	85	>FLT3-Y572C CESQLQMVQ	252	167
>FLT3-Y572C YESQLQMVQ	70	>FLT3-Y572C CESQLQMVQ	127	57
>FLT3-Y572C YESQLQMV	860	>FLT3-Y572C CESQLQMV	404	456
>FLT3-Y572C YESQLQMV	582	>FLT3-Y572C CESQLQMV	129	453
>FLT3-Y572C YESQLQMVQ	244	>FLT3-Y572C CESQLQMVQ	64	180
>FLT3-Y572C YESQLQMV	110	>FLT3-Y572C CESQLQMV	2076	1966
>FLT3-Y572C YESQLQMVQ	55	>FLT3-Y572C CESQLQMVQ	2238	2183
>FLT3-Y572C YESQLQMVQ	58	>FLT3-Y572C CESQLQMVQ	743	685
>FLT3-Y572C RYESQLQM	39	>FLT3-Y572C RCESQLQM	22432	22393
>FLT3-Y572C RYESQLQMV	32	>FLT3-Y572C RCESQLQMV	19828	19796
>FLT3-Y572C RYESQLQMV	39	>FLT3-Y572C RCESQLQMV	21342	21303
>FLT3-Y572C ICHKYKKQFR'	306	>FLT3-Y572C ICHKYKKQFR'	26782	26476
>FLT3-Y572C ICHKYKKQFR'	375	>FLT3-Y572C ICHKYKKQFR'	22652	22277
>FLT3-Y572C FRYESQLQM'	59	>FLT3-Y572C FRCESQLQM'	730	671
>FLT3-Y572C FRYESQLQM'	171	>FLT3-Y572C FRCESQLQM'	6062	5891
>FLT3-Y572C FRYESQLQM'	50	>FLT3-Y572C FRCESQLQM'	672	622
>FLT3-Y572C FRYESQLQM	13	>FLT3-Y572C FRCESQLQM	144	131
>FLT3-Y572C FRYESQLQM'	41	>FLT3-Y572C FRCESQLQM'	434	393
>FLT3-Y572C FRYESQLQM'	405	>FLT3-Y572C FRCESQLQM'	3268	2863
>FLT3-Y572C FRYESQLQM	18	>FLT3-Y572C FRCESQLQM	236	218
>FLT3-Y572C FRYESQLQM'	111	>FLT3-Y572C FRCESQLQM'	711	600
>FLT3-Y572C FRYESQLQM'	489	>FLT3-Y572C FRCESQLQM'	6561	6072
>FLT3-Y572C FRYESQLQM	26	>FLT3-Y572C FRCESQLQM	64	38
>FLT3-Y572C FRYESQLQM'	287	>FLT3-Y572C FRCESQLQM'	815	528
>FLT3-Y572C FRYESQLQM'	428	>FLT3-Y572C FRCESQLQM'	5590	5162
>FLT3-Y572C FRYESQLQM'	336	>FLT3-Y572C FRCESQLQM'	5436	5100
>FLT3-Y572C FRYESQLQM	475	>FLT3-Y572C FRCESQLQM	3433	2958
>FLT3-Y572C FRYESQLQM'	164	>FLT3-Y572C FRCESQLQM'	489	325
>FLT3-Y572C QFRYESQLQM	282	>FLT3-Y572C QFRCESQLQM	339	57
>FLT3-Y572C QFRYESQLQM	327	>FLT3-Y572C QFRCESQLQM	395	68
>FLT3-Y572C KQFRYESQL	136	>FLT3-Y572C KQFRCESQL	1105	969
>FLT3-Y572C KQFRYESQLC	344	>FLT3-Y572C KQFRCESQLC	1327	983
>FLT3-Y572C KQFRYESQL	155	>FLT3-Y572C KQFRCESQL	435	280
>FLT3-Y572C KQFRYESQL	138	>FLT3-Y572C KQFRCESQL	290	152



>FLT3-Y572C KQFRYESQLC	297	>FLT3-Y572C KQFRCESQLC	483	186
>FLT3-Y572C KQFRYESQL	372	>FLT3-Y572C KQFRCESQL	2430	2058
>FLT3-Y572C KQFRYESQL	420	>FLT3-Y572C KQFRCESQL	704	284
>FLT3-Y572C KQFRYESQLC	78	>FLT3-Y572C KQFRCESQLC	100	22
>FLT3-Y572C KQFRYESQ	95	>FLT3-Y572C KQFRCESQ	198	103
>FLT3-Y572C KQFRYESQL	6	>FLT3-Y572C KQFRCESQL	10	4
>FLT3-Y572C KQFRYESQLC	176	>FLT3-Y572C KQFRCESQLC	229	53
>FLT3-Y572C KQFRYESQLC	4	>FLT3-Y572C KQFRCESQLC	5	1
>FLT3-Y572C KQFRYESQLC	146	>FLT3-Y572C KQFRCESQLC	455	309
>FLT3-Y572C KQFRYESQL	101	>FLT3-Y572C KQFRCESQL	114	13
>FLT3-Y572C KQFRYESQLC	462	>FLT3-Y572C KQFRCESQLC	599	137
>FLT3-Y572C KQFRYESQL	890	>FLT3-Y572C KQFRCESQL	455	435
>FLT3-Y572C KQFRYESQL	320	>FLT3-Y572C KQFRCESQL	538	218
>FLT3-Y572C KQFRYESQL	355	>FLT3-Y572C KQFRCESQL	485	130
>FLT3-Y572C KKQFRYESQL	113	>FLT3-Y572C KKQFRCESQL	254	141
>FLT3-Y572C YKKQFRYESQ	324	>FLT3-Y572C YKKQFRCESQ	626	302
>FLT3-Y572C YKKQFRYES	481	>FLT3-Y572C YKKQFRCES	882	401
>FLT3-Y572C YKKQFRYESQ	384	>FLT3-Y572C YKKQFRCESQ	734	350
>FLT3-Y572C YKKQFRYESQ	19	>FLT3-Y572C YKKQFRCESQ	27	8
>FLT3-Y572C KYKKQFRY	26	>FLT3-Y572C KYKKQFRC	390	364
>FLT3-Y572C KYKKQFRYE	70	>FLT3-Y572C KYKKQFRCE	1040	970
>FLT3-Y572C KYKKQFRYES	26	>FLT3-Y572C KYKKQFRCES	24	2
>FLT3-Y572C KYKKQFRYES	57	>FLT3-Y572C KYKKQFRCES	230	173
>FLT3-Y572C KYKKQFRY	67	>FLT3-Y572C KYKKQFRC	13766	13699
>FLT3-Y572C KYKKQFRY	292	>FLT3-Y572C KYKKQFRC	4431	4139
>FLT3-Y572C KYKKQFRY	31	>FLT3-Y572C KYKKQFRC	26450	26419
>FLT3-Y572C KYKKQFRY	151	>FLT3-Y572C KYKKQFRC	33642	33491
>FLT3-Y572C KYKKQFRYE	433	>FLT3-Y572C KYKKQFRCE	4020	3587
>FLT3-Y572C HKYKKQFRY	249	>FLT3-Y572C HKYKKQFRC	27281	27032
>FLT3-Y572C HKYKKQFRY	34	>FLT3-Y572C HKYKKQFRC	8607	8573
>FLT3-Y572C HKYKKQFRY	338	>FLT3-Y572C HKYKKQFRC	36446	36108
>FLT3-Y572C HKYKKQFRY	153	>FLT3-Y572C HKYKKQFRC	38121	37968
>FLT3-Y591C YVDFREYEY	20	>FLT3-Y591C CVDFREYEY	21	1
>FLT3-Y591C YVDFREYEYD	212	>FLT3-Y591C CVDFREYEYD	4761	4549
>FLT3-Y591C YVDFREYEYD	475	>FLT3-Y591C CVDFREYEYD	4227	3752
>FLT3-Y591C YVDFREYEYD	419	>FLT3-Y591C CVDFREYEYD	10172	9753
>FLT3-Y591C YVDFREYEYD	244	>FLT3-Y591C CVDFREYEYD	4935	4691
>FLT3-Y591C YVDFREYEY	38	>FLT3-Y591C CVDFREYEY	269	231
>FLT3-Y591C YVDFREYEY	274	>FLT3-Y591C CVDFREYEY	181	93
>FLT3-Y591C YVDFREYEY	20	>FLT3-Y591C CVDFREYEY	132	112
>FLT3-Y591C YVDFREYEY	90	>FLT3-Y591C CVDFREYEY	899	809
>FLT3-Y591C YVDFREYEY	18	>FLT3-Y591C CVDFREYEY	12	6
>FLT3-Y591C FYVDFREYEY	404	>FLT3-Y591C FCVDFREYEY	24569	24165

>FLT3-Y591C FYVDFREY	313	>FLT3-Y591C FCVDFREY	24374	24061
>FLT3-Y591C FYVDFREY EY	271	>FLT3-Y591C FCVDFREY EY	24257	23986
>FLT3-Y591C FYVDFREY	377	>FLT3-Y591C FCVDFREY	2124	1747
>FLT3-Y591C FYVDFREY	15	>FLT3-Y591C FCVDFREY	160	145
>FLT3-Y591C FYVDFREY EY	24	>FLT3-Y591C FCVDFREY EY	295	271
>FLT3-Y591C FYVDFREY EY	68	>FLT3-Y591C FCVDFREY EY	239	171
>FLT3-Y591C FYVDFREY	887	>FLT3-Y591C FCVDFREY	359	528
>FLT3-Y591C VTGSSDNEYF	65	>FLT3-Y591C VTGSSDNEYF	18960	18895
>FLT3-Y591C VTGSSDNEYF	327	>FLT3-Y591C VTGSSDNEYF	23451	23124
>FLT3-Y591C VTGSSDNEYF	107	>FLT3-Y591C VTGSSDNEYF	27780	27673
>FLT3-Y591C VTGSSDNEYF	27	>FLT3-Y591C VTGSSDNEYF	19755	19728
>FLT3-Y591C VTGSSDNEYF	9	>FLT3-Y591C VTGSSDNEYF	8973	8964
>FLT3-Y591C VTGSSDNEYF	26	>FLT3-Y591C VTGSSDNEYF	23158	23132
>FLT3-Y591C VTGSSDNEYF	33	>FLT3-Y591C VTGSSDNEYF	17583	17550
>FLT3-Y591C VTGSSDNEYF	102	>FLT3-Y591C VTGSSDNEYF	13563	13461
>FLT3-Y591C VTGSSDNEYF	452	>FLT3-Y591C VTGSSDNEYF	37647	37195
>FLT3-Y591C YFYVDFREY	7	>FLT3-Y591C YFCVDFREY	14	7
>FLT3-Y591C YFYVDFREY E'	6	>FLT3-Y591C YFCVDFREY E'	9	3
>FLT3-Y591C YFYVDFREY E'	310	>FLT3-Y591C YFCVDFREY E'	405	95
>FLT3-Y591C YFYVDFREY E'	177	>FLT3-Y591C YFCVDFREY E'	198	21
>FLT3-Y591C YFYVDFREY	461	>FLT3-Y591C YFCVDFREY	1298	837
>FLT3-Y591C YFYVDFREY	102	>FLT3-Y591C YFCVDFREY	692	590
>FLT3-Y591C YFYVDFREY E'	132	>FLT3-Y591C YFCVDFREY E'	1268	1136
>FLT3-Y591C YFYVDFREY	294	>FLT3-Y591C YFCVDFREY	2807	2513
>FLT3-Y591C YFYVDFREY E'	460	>FLT3-Y591C YFCVDFREY E'	3883	3423
>FLT3-Y591C YFYVDFREY	146	>FLT3-Y591C YFCVDFREY	1037	891
>FLT3-Y591C YFYVDFREY E'	73	>FLT3-Y591C YFCVDFREY E'	364	291
>FLT3-Y591C YFYVDFREY	411	>FLT3-Y591C YFCVDFREY	7633	7222
>FLT3-Y591C YFYVDFREY E'	372	>FLT3-Y591C YFCVDFREY E'	6543	6171
>FLT3-Y591C YFYVDFREY E'	312	>FLT3-Y591C YFCVDFREY E'	289	23
>FLT3-Y591C EYFYVDFREY	355	>FLT3-Y591C EYFCVDFREY	530	175
>FLT3-Y591C EYFYVDFREY	288	>FLT3-Y591C EYFCVDFREY	567	279
>FLT3-Y591C EYFYVDFREY	18	>FLT3-Y591C EYFCVDFREY	18	0
>FLT3-Y591C EYFYVDFREY	39	>FLT3-Y591C EYFCVDFREY	50	11
>FLT3-Y591C EYFYVDFR	65	>FLT3-Y591C EYFCVDFR	154	89
>FLT3-Y591C EYFYVDFR	6	>FLT3-Y591C EYFCVDFR	8	2
>FLT3-Y591C EYFYVDFR	2	>FLT3-Y591C EYFCVDFR	3	1
>FLT3-Y591C EYFYVDFREY	313	>FLT3-Y591C EYFCVDFREY	669	356
>FLT3-Y591C EYFYVDFR	25	>FLT3-Y591C EYFCVDFR	15	10
>FLT3-Y591C NEYFYVDFR	207	>FLT3-Y591C NEYFCVDFR	410	203
>FLT3-Y591C NEYFYVDFRE	63	>FLT3-Y591C NEYFCVDFRE	121	58
>FLT3-Y591C NEYFYVDFR	28	>FLT3-Y591C NEYFCVDFR	61	33
>FLT3-Y591C NEYFYVDF	99	>FLT3-Y591C NEYFCVDF	164	65

>FLT3-Y591C NEYFYVDF	9	>FLT3-Y591C NEYFCVDF	11	2
>FLT3-Y591C NEYFYVDFRE	7	>FLT3-Y591C NEYFCVDFRE	7	0
>FLT3-Y591C NEYFYVDF	426	>FLT3-Y591C NEYFCVDF	458	32
>FLT3-Y591C NEYFYVDFRE	1836	>FLT3-Y591C NEYFCVDFRE	488	1348
>FLT3-Y591C NEYFYVDF	447	>FLT3-Y591C NEYFCVDF	497	50
>FLT3-Y591C NEYFYVDFRE	293	>FLT3-Y591C NEYFCVDFRE	275	18
>FLT3-Y591C NEYFYVDF	43	>FLT3-Y591C NEYFCVDF	49	6
>FLT3-Y591C NEYFYVDFRE	53	>FLT3-Y591C NEYFCVDFRE	48	5
>FLT3-Y591C NEYFYVDFR	275	>FLT3-Y591C NEYFCVDFR	67	208
>FLT3-Y591C DNEYFYVDFR	198	>FLT3-Y591C DNEYFCVDFR	331	133
>FLT3-Y591C SDNEYFYV	245	>FLT3-Y591C SDNEYFCV	2063	1818
>FLT3-Y591C SDNEYFYV	221	>FLT3-Y591C SDNEYFCV	2554	2333
>FLT3-Y591C SDNEYFYVDF	355	>FLT3-Y591C SDNEYFCVDF	632	277
>FLT3-Y591C SDNEYFYVDF	371	>FLT3-Y591C SDNEYFCVDF	555	184
>FLT3-Y591C SDNEYFYV	36	>FLT3-Y591C SDNEYFCV	57	21
>FLT3-Y591C SSDNEYFY	8	>FLT3-Y591C SSDNEYFC	8927	8919
>FLT3-Y591C SSDNEYFYV	414	>FLT3-Y591C SSDNEYFCV	1523	1109
>FLT3-Y591C SSDNEYFYV	185	>FLT3-Y591C SSDNEYFCV	2102	1917
>FLT3-Y591C SSDNEYFYV	24	>FLT3-Y591C SSDNEYFCV	536	512
>FLT3-Y591C SSDNEYFYV	39	>FLT3-Y591C SSDNEYFCV	1116	1077
>FLT3-Y591C SSDNEYFYV	55	>FLT3-Y591C SSDNEYFCV	223	168
>FLT3-Y591C SSDNEYFY	129	>FLT3-Y591C SSDNEYFC	20050	19921
>FLT3-Y591C SSDNEYFY	337	>FLT3-Y591C SSDNEYFC	24453	24116
>FLT3-Y591C SSDNEYFY	47	>FLT3-Y591C SSDNEYFC	15713	15666
>FLT3-Y591C SSDNEYFYV	34	>FLT3-Y591C SSDNEYFCV	1019	985
>FLT3-Y591C SSDNEYFY	274	>FLT3-Y591C SSDNEYFC	24600	24326
>FLT3-Y591C SSDNEYFY	243	>FLT3-Y591C SSDNEYFC	22126	21883
>FLT3-Y591C SSDNEYFYVD	375	>FLT3-Y591C SSDNEYFCVD	669	294
>FLT3-Y591C SSDNEYFY	120	>FLT3-Y591C SSDNEYFC	35994	35874
>FLT3-Y591C GSSDNEYFY	83	>FLT3-Y591C GSSDNEYFC	19861	19778
>FLT3-Y591C GSSDNEYFYV	336	>FLT3-Y591C GSSDNEYFCV	3455	3119
>FLT3-Y591C GSSDNEYFYV	129	>FLT3-Y591C GSSDNEYFCV	1285	1156
>FLT3-Y591C GSSDNEYFYV	186	>FLT3-Y591C GSSDNEYFCV	2387	2201
>FLT3-Y591C GSSDNEYFYV	376	>FLT3-Y591C GSSDNEYFCV	1601	1225
>FLT3-Y591C GSSDNEYFYV	392	>FLT3-Y591C GSSDNEYFCV	1190	798
>FLT3-Y591C GSSDNEYFY	137	>FLT3-Y591C GSSDNEYFC	19828	19691
>FLT3-Y591C GSSDNEYFY	25	>FLT3-Y591C GSSDNEYFC	20015	19990
>FLT3-Y591C GSSDNEYFY	16	>FLT3-Y591C GSSDNEYFC	14043	14027
>FLT3-Y591C GSSDNEYFYV	199	>FLT3-Y591C GSSDNEYFCV	780	581
>FLT3-Y591C GSSDNEYFY	42	>FLT3-Y591C GSSDNEYFC	19744	19702
>FLT3-Y591C GSSDNEYFY	240	>FLT3-Y591C GSSDNEYFC	19766	19526
>FLT3-Y591C GSSDNEYFYV	227	>FLT3-Y591C GSSDNEYFCV	1236	1009
>FLT3-Y591C GSSDNEYFY	240	>FLT3-Y591C GSSDNEYFC	37278	37038

>FLT3-Y591C TGSSDNEYFY	112	>FLT3-Y591C TGSSDNEYFC	27272	27160
>FLT3-Y591C TGSSDNEYFY	139	>FLT3-Y591C TGSSDNEYFC	28938	28799
>FLT3-Y591C TGSSDNEYFY	103	>FLT3-Y591C TGSSDNEYFC	1071	968
>FLT3-Y599F YDLKWEFPR	126	>FLT3-Y599F FDLKWEFPR	203	77
>FLT3-Y599F EYDLKWEF	425	>FLT3-Y599F EFDLKWEF	1787	1362
>FLT3-Y599F EYDLKWEF	72	>FLT3-Y599F EFDLKWEF	457	385
>FLT3-Y599F EYDLKWEFPF	804	>FLT3-Y599F EFDLKWEFPF	230	574
>FLT3-Y599F EYDLKWEFPF	148	>FLT3-Y599F EFDLKWEFPF	49	99
>FLT3-Y599F EYDLKWEFPF	33	>FLT3-Y599F EFDLKWEFPF	100	67
>FLT3-Y599F YFYVDFREYE'	840	>FLT3-Y599F YFYVDFREYEI	16	824
>FLT3-Y599F YFYVDFREYE'	6911	>FLT3-Y599F YFYVDFREYEI	207	6704
>FLT3-Y599F YFYVDFREYE'	963	>FLT3-Y599F YFYVDFREYEI	6	957
>FLT3-Y599F YFYVDFREYE'	6	>FLT3-Y599F YFYVDFREYEI	40	34
>FLT3-Y599F YFYVDFREYE'	310	>FLT3-Y599F YFYVDFREYEI	10818	10508
>FLT3-Y599F YFYVDFREYE'	177	>FLT3-Y599F YFYVDFREYEI	15653	15476
>FLT3-Y599F YFYVDFREYE'	132	>FLT3-Y599F YFYVDFREYEI	317	185
>FLT3-Y599F YFYVDFREYE'	460	>FLT3-Y599F YFYVDFREYEI	132	328
>FLT3-Y599F YFYVDFREYE'	73	>FLT3-Y599F YFYVDFREYEI	171	98
>FLT3-Y599F YFYVDFREYE'	372	>FLT3-Y599F YFYVDFREYEI	1761	1389
>FLT3-Y599F YFYVDFREYE'	312	>FLT3-Y599F YFYVDFREYEI	5766	5454
>FLT3-Y599F YEYDLKWE	239	>FLT3-Y599F YEFDLKWE	655	416
>FLT3-Y599F YEYDLKWEF	88	>FLT3-Y599F YEFDLKWEF	184	96
>FLT3-Y599F YEYDLKWEFP	337	>FLT3-Y599F YEFDLKWEFP	671	334
>FLT3-Y599F YEYDLKWEF	431	>FLT3-Y599F YEFDLKWEF	399	32
>FLT3-Y599F YEYDLKWEF	371	>FLT3-Y599F YEFDLKWEF	512	141
>FLT3-Y599F YEYDLKWEFP	388	>FLT3-Y599F YEFDLKWEFP	302	86
>FLT3-Y599F YEYDLKWEFP	162	>FLT3-Y599F YEFDLKWEFP	115	47
>FLT3-Y599F YEYDLKWEFP	165	>FLT3-Y599F YEFDLKWEFP	92	73
>FLT3-Y599F YEYDLKWEF	72	>FLT3-Y599F YEFDLKWEF	48	24
>FLT3-Y599F YEYDLKWE	527	>FLT3-Y599F YEFDLKWE	365	162
>FLT3-Y599F YEYDLKWEF	3	>FLT3-Y599F YEFDLKWEF	3	0
>FLT3-Y599F YEYDLKWEFP	35	>FLT3-Y599F YEFDLKWEFP	27	8
>FLT3-Y599F YEYDLKWEF	49	>FLT3-Y599F YEFDLKWEF	34	15
>FLT3-Y599F YEYDLKWEF	32	>FLT3-Y599F YEFDLKWEF	25	7
>FLT3-Y599F YEYDLKWEFP	424	>FLT3-Y599F YEFDLKWEFP	192	232
>FLT3-Y599F YEYDLKWEF	165	>FLT3-Y599F YEFDLKWEF	130	35
>FLT3-Y599F YEYDLKWEF	39	>FLT3-Y599F YEFDLKWEF	18	21
>FLT3-Y599F YEYDLKWEF	30	>FLT3-Y599F YEFDLKWEF	31	1
>FLT3-Y599F YEYDLKWEFP	113	>FLT3-Y599F YEFDLKWEFP	134	21
>FLT3-Y599F YEYDLKWEFP	33	>FLT3-Y599F YEFDLKWEFP	30	3
>FLT3-Y599F EYEYDLKWEF	94	>FLT3-Y599F EYEFDLKWEF	149	55
>FLT3-Y599F EYEYDLKWEF	147	>FLT3-Y599F EYEFDLKWEF	226	79
>FLT3-Y599F EYEYDLKWEF	33	>FLT3-Y599F EYEFDLKWEF	33	0

>FLT3-Y599F·REYEYDLKW	2285	>FLT3-Y599F·REYEFDLKW	497	1788
>FLT3-Y599F·REYEYDLKWE	889	>FLT3-Y599F·REYEFDLKWE	275	614
>FLT3-Y599F·REYEYDLKWE	29	>FLT3-Y599F·REYEFDLKWE	29	0
>FLT3-Y599F·REYEYDLKW	39	>FLT3-Y599F·REYEFDLKW	56	17
>FLT3-Y599F·REYEYDLKW	117	>FLT3-Y599F·REYEFDLKW	66	51
>FLT3-Y599F·REYEYDLKWE	8	>FLT3-Y599F·REYEFDLKWE	6	2
>FLT3-Y599F·REYEYDLKW	559	>FLT3-Y599F·REYEFDLKW	447	112
>FLT3-Y599F·REYEYDLKWE	23	>FLT3-Y599F·REYEFDLKWE	20	3
>FLT3-Y599F·REYEYDLKW	301	>FLT3-Y599F·REYEFDLKW	325	24
>FLT3-Y599F·REYEYDLKWE	17	>FLT3-Y599F·REYEFDLKWE	18	1
>FLT3-Y599F·REYEYDLKW	165	>FLT3-Y599F·REYEFDLKW	165	0
>FLT3-Y599F·REYEYDLKWE	344	>FLT3-Y599F·REYEFDLKWE	340	4
>FLT3-Y599F·REYEYDLKW	12	>FLT3-Y599F·REYEFDLKW	14	2
>FLT3-Y599F·REYEYDLKWE	22	>FLT3-Y599F·REYEFDLKWE	23	1
>FLT3-Y599F·REYEYDLKWE	678	>FLT3-Y599F·REYEFDLKWE	488	190
>FLT3-Y599F·REYEYDLKW	1016	>FLT3-Y599F·REYEFDLKW	223	793
>FLT3-Y599F·REYEYDLKW	58	>FLT3-Y599F·REYEFDLKW	56	2
>FLT3-Y599F·REYEYDLKW	22	>FLT3-Y599F·REYEFDLKW	24	2
>FLT3-Y599F·REYEYDLKWE	16	>FLT3-Y599F·REYEFDLKWE	18	2
>FLT3-Y599F·REYEYDLKW	284	>FLT3-Y599F·REYEFDLKW	130	154
>FLT3-Y599F·REYEYDLKW	55	>FLT3-Y599F·REYEFDLKW	143	88
>FLT3-Y599F·REYEYDLK	1076	>FLT3-Y599F·REYEFDLK	260	816
>FLT3-Y599F·FREYEYDL	227	>FLT3-Y599F·FREYEFDL	267	40
>FLT3-Y599F·FREYEYDLKW	69	>FLT3-Y599F·FREYEFDLKW	65	4
>FLT3-Y599F·FREYEYDLKW	222	>FLT3-Y599F·FREYEFDLKW	228	6
>FLT3-Y599F·VDFREYEF	1014	>FLT3-Y599F·VDFREYEF	239	775
>FLT3-Y599F·VDFREYEFDL	411	>FLT3-Y599F·VDFREYEFDL	298	113
>FLT3-Y599F·YVDFREYEF	20	>FLT3-Y599F·YVDFREYEF	3472	3452
>FLT3-Y599F·YVDFREYEFYD	212	>FLT3-Y599F·YVDFREYEFYD	171	41
>FLT3-Y599F·YVDFREYEFYD	475	>FLT3-Y599F·YVDFREYEFYD	597	122
>FLT3-Y599F·YVDFREYEFYD	774	>FLT3-Y599F·YVDFREYEFYD	258	516
>FLT3-Y599F·YVDFREYEFYD	419	>FLT3-Y599F·YVDFREYEFYD	362	57
>FLT3-Y599F·YVDFREYEFYD	244	>FLT3-Y599F·YVDFREYEFYD	314	70
>FLT3-Y599F·YVDFREYEFYD	885	>FLT3-Y599F·YVDFREYEFYD	422	463
>FLT3-Y599F·YVDFREYEFYD	523	>FLT3-Y599F·YVDFREYEFYD	272	251
>FLT3-Y599F·YVDFREYEF	38	>FLT3-Y599F·YVDFREYEF	1096	1058
>FLT3-Y599F·YVDFREYEF	274	>FLT3-Y599F·YVDFREYEF	11132	10858
>FLT3-Y599F·YVDFREYEF	20	>FLT3-Y599F·YVDFREYEF	8582	8562
>FLT3-Y599F·YVDFREYEF	90	>FLT3-Y599F·YVDFREYEF	189	99
>FLT3-Y599F·YVDFREYEF	18	>FLT3-Y599F·YVDFREYEF	668	650
>FLT3-Y599F·FYVDFREYEF	404	>FLT3-Y599F·FYVDFREYEF	10	394
>FLT3-Y599F·FYVDFREYEF	1091	>FLT3-Y599F·FYVDFREYEF	33	1058
>FLT3-Y599F·FYVDFREYEF	271	>FLT3-Y599F·FYVDFREYEF	6	265

>FLT3-Y599F.FYVDFREYEF	24	>FLT3-Y599F.FYVDFREYEF	125	101
>FLT3-Y599F.FYVDFREYEF	68	>FLT3-Y599F.FYVDFREYEF	2276	2208
>FLT3-Y599F.FYVDFREYEF	984	>FLT3-Y599F.FYVDFREYEF	278	706
>FLT3-Y842C.YVVRGNARLI	190	>FLT3-Y842C.CVVRGNARLI	4341	4151
>FLT3-Y842C.YVVRGNARL	394	>FLT3-Y842C.CVVRGNARL	3897	3503
>FLT3-Y842C.YVVRGNARL	405	>FLT3-Y842C.CVVRGNARL	5700	5295
>FLT3-Y842C.YVVRGNARLI	28	>FLT3-Y842C.CVVRGNARLI	595	567
>FLT3-Y842C.YVVRGNARL	64	>FLT3-Y842C.CVVRGNARL	4315	4251
>FLT3-Y842C.YVVRGNARLI	8	>FLT3-Y842C.CVVRGNARLI	196	188
>FLT3-Y842C.YVVRGNARL	361	>FLT3-Y842C.CVVRGNARL	11657	11296
>FLT3-Y842C.YVVRGNARLI	58	>FLT3-Y842C.CVVRGNARLI	3946	3888
>FLT3-Y842C.YVVRGNARLI	194	>FLT3-Y842C.CVVRGNARLI	3919	3725
>FLT3-Y842C.YVVRGNARLI	135	>FLT3-Y842C.CVVRGNARLI	8665	8530
>FLT3-Y842C.YVVRGNARL	12	>FLT3-Y842C.CVVRGNARL	2896	2884
>FLT3-Y842C.YVVRGNARLI	5	>FLT3-Y842C.CVVRGNARLI	351	346
>FLT3-Y842C.YVVRGNARL	32	>FLT3-Y842C.CVVRGNARL	194	162
>FLT3-Y842C.YVVRGNAR	262	>FLT3-Y842C.CVVRGNAR	273	11
>FLT3-Y842C.YVVRGNAR	291	>FLT3-Y842C.CVVRGNAR	833	542
>FLT3-Y842C.YVVRGNAR	16	>FLT3-Y842C.CVVRGNAR	93	77
>FLT3-Y842C.YVVRGNARL	93	>FLT3-Y842C.CVVRGNARL	332	239
>FLT3-Y842C.YVVRGNARLI	13	>FLT3-Y842C.CVVRGNARLI	25	12
>FLT3-Y842C.YVVRGNARL	353	>FLT3-Y842C.CVVRGNARL	8762	8409
>FLT3-Y842C.YVVRGNARLI	14	>FLT3-Y842C.CVVRGNARLI	612	598
>FLT3-Y842C.YVVRGNARL	109	>FLT3-Y842C.CVVRGNARL	2308	2199
>FLT3-Y842C.YVVRGNARL	197	>FLT3-Y842C.CVVRGNARL	5648	5451
>FLT3-Y842C.NYVVRGNAR	81	>FLT3-Y842C.NCVVRGNAR	22855	22774
>FLT3-Y842C.NYVVRGNAR	292	>FLT3-Y842C.NCVVRGNAR	24381	24089
>FLT3-Y842C.NYVVRGNAR	344	>FLT3-Y842C.NCVVRGNAR	6915	6571
>FLT3-Y842C.NYVVRGNAR	65	>FLT3-Y842C.NCVVRGNAR	1331	1266
>FLT3-Y842C.NYVVRGNAR	294	>FLT3-Y842C.NCVVRGNAR	5866	5572
>FLT3-Y842C.LARDIMSDSN	168	>FLT3-Y842C.LARDIMSDSN	30662	30494
>FLT3-Y842C.LARDIMSDSN	146	>FLT3-Y842C.LARDIMSDSN	17503	17357
>FLT3-Y842C.LARDIMSDSN	119	>FLT3-Y842C.LARDIMSDSN	11870	11751
>FLT3-Y842C.LARDIMSDSN	5	>FLT3-Y842C.LARDIMSDSN	3981	3976
>FLT3-Y842C.LARDIMSDSN	106	>FLT3-Y842C.LARDIMSDSN	16884	16778
>FLT3-Y842C.LARDIMSDSN	12	>FLT3-Y842C.LARDIMSDSN	3467	3455
>FLT3-Y842C.SNYVVRGNAI	103	>FLT3-Y842C.SNCVVRGNA	8488	8385
>FLT3-Y842C.DSNYVVRGN.	53	>FLT3-Y842C.DSNCVVRGN.	73	20
>FLT3-Y842C.DSNYVVRGN.	24	>FLT3-Y842C.DSNCVVRGN.	49	25
>FLT3-Y842C.MSDSNYVV	205	>FLT3-Y842C.MSDSNYVV	840	635
>FLT3-Y842C.MSDSNYVV	365	>FLT3-Y842C.MSDSNYVV	760	395
>FLT3-Y842C.MSDSNYVVR	42	>FLT3-Y842C.MSDSNYVVR	251	209
>FLT3-Y842C.MSDSNYVVR	51	>FLT3-Y842C.MSDSNYVVR	46	5

>FLT3-Y842C MSDSNYVV	151	>FLT3-Y842C MSDSNCVV	1047	896
>FLT3-Y842C MSDSNYVV	229	>FLT3-Y842C MSDSNCVV	606	377
>FLT3-Y842C IMSDSNYV	11	>FLT3-Y842C IMSDSNCV	32	21
>FLT3-Y842C IMSDSNYVV	12	>FLT3-Y842C IMSDSNCVV	39	27
>FLT3-Y842C IMSDSNYV	2	>FLT3-Y842C IMSDSNCV	5	3
>FLT3-Y842C IMSDSNYVV	3	>FLT3-Y842C IMSDSNCVV	8	5
>FLT3-Y842C IMSDSNYVVF	261	>FLT3-Y842C IMSDSNCVVF	570	309
>FLT3-Y842C IMSDSNYV	3	>FLT3-Y842C IMSDSNCV	8	5
>FLT3-Y842C IMSDSNYVV	6	>FLT3-Y842C IMSDSNCVV	7	1
>FLT3-Y842C IMSDSNYV	9	>FLT3-Y842C IMSDSNCV	54	45
>FLT3-Y842C IMSDSNYVV	21	>FLT3-Y842C IMSDSNCVV	46	25
>FLT3-Y842C IMSDSNYV	2	>FLT3-Y842C IMSDSNCV	7	5
>FLT3-Y842C IMSDSNYVV	2	>FLT3-Y842C IMSDSNCVV	3	1
>FLT3-Y842C IMSDSNYV	3	>FLT3-Y842C IMSDSNCV	4	1
>FLT3-Y842C IMSDSNYVV	3	>FLT3-Y842C IMSDSNCVV	5	2
>FLT3-Y842C IMSDSNYV	6	>FLT3-Y842C IMSDSNCV	9	3
>FLT3-Y842C IMSDSNYVV	8	>FLT3-Y842C IMSDSNCVV	7	1
>FLT3-Y842C IMSDSNYV	2	>FLT3-Y842C IMSDSNCV	3	1
>FLT3-Y842C IMSDSNYVV	2	>FLT3-Y842C IMSDSNCVV	3	1
>FLT3-Y842C IMSDSNYV	2	>FLT3-Y842C IMSDSNCV	2	0
>FLT3-Y842C IMSDSNYVV	2	>FLT3-Y842C IMSDSNCVV	2	0
>FLT3-Y842C IMSDSNYVVF	280	>FLT3-Y842C IMSDSNCVVF	390	110
>FLT3-Y842C IMSDSNYVVF	68	>FLT3-Y842C IMSDSNCVVF	98	30
>FLT3-Y842C IMSDSNYVVF	347	>FLT3-Y842C IMSDSNCVVF	377	30
>FLT3-Y842C IMSDSNYVVF	129	>FLT3-Y842C IMSDSNCVVF	94	35
>FLT3-Y842C IMSDSNYV	408	>FLT3-Y842C IMSDSNCV	3819	3411
>FLT3-Y842C IMSDSNYVV	244	>FLT3-Y842C IMSDSNCVV	117	127
>FLT3-Y842C IMSDSNYV	125	>FLT3-Y842C IMSDSNCV	174	49
>FLT3-Y842C IMSDSNYVV	53	>FLT3-Y842C IMSDSNCVV	66	13
>FLT3-Y842C IMSDSNYVVF	132	>FLT3-Y842C IMSDSNCVVF	170	38
>FLT3-Y842C IMSDSNYVVF	500	>FLT3-Y842C IMSDSNCVVF	498	2
>FLT3-Y842C IMSDSNYVVF	47	>FLT3-Y842C IMSDSNCVVF	72	25
>FLT3-Y842C DIMSDSNYV\	224	>FLT3-Y842C DIMSDSNCV\	1025	801
>FLT3-Y842C DIMSDSNYV	200	>FLT3-Y842C DIMSDSNCV	1933	1733
>FLT3-Y842C DIMSDSNYV\	84	>FLT3-Y842C DIMSDSNCV\	248	164
>FLT3-Y842C DIMSDSNYV\	282	>FLT3-Y842C DIMSDSNCV\	154	128
>FLT3-Y842C DIMSDSNYV\	235	>FLT3-Y842C DIMSDSNCV\	963	728
>FLT3-Y842C DIMSDSNYV	324	>FLT3-Y842C DIMSDSNCV	5412	5088
>FLT3-Y842C DIMSDSNYV	433	>FLT3-Y842C DIMSDSNCV	2507	2074
>FLT3-Y842C DIMSDSNYV\	438	>FLT3-Y842C DIMSDSNCV\	1968	1530
>FLT3-Y842C DIMSDSNYV	424	>FLT3-Y842C DIMSDSNCV	1755	1331
>FLT3-Y842C DIMSDSNYV	8	>FLT3-Y842C DIMSDSNCV	34	26
>FLT3-Y842C DIMSDSNYV\	16	>FLT3-Y842C DIMSDSNCV\	42	26

>FLT3-Y842C DIMSDSNYV	355	>FLT3-Y842C DIMSDSNCV	1916	1561
>FLT3-Y842C DIMSDSNYV\	492	>FLT3-Y842C DIMSDSNCV\	263	229
>FLT3-Y842C DIMSDSNY	133	>FLT3-Y842C DIMSDSNC	17086	16953
>FLT3-Y842C DIMSDSNY	16	>FLT3-Y842C DIMSDSNC	15850	15834
>FLT3-Y842C DIMSDSNY	258	>FLT3-Y842C DIMSDSNC	31203	30945
>FLT3-Y842C DIMSDSNY	251	>FLT3-Y842C DIMSDSNC	30858	30607
>FLT3-Y842C DIMSDSNYV\	74	>FLT3-Y842C DIMSDSNCV\	91	17
>FLT3-Y842C DIMSDSNY	472	>FLT3-Y842C DIMSDSNC	25003	24531
>FLT3-Y842C DIMSDSNYV\	16	>FLT3-Y842C DIMSDSNCV\	19	3
>FLT3-Y842C DIMSDSNYV	17	>FLT3-Y842C DIMSDSNCV	77	60
>FLT3-Y842C DIMSDSNYV\	139	>FLT3-Y842C DIMSDSNCV\	305	166
>FLT3-Y842C DIMSDSNYV	7	>FLT3-Y842C DIMSDSNCV	108	101
>FLT3-Y842C DIMSDSNYV\	22	>FLT3-Y842C DIMSDSNCV\	45	23
>FLT3-Y842C DIMSDSNY	373	>FLT3-Y842C DIMSDSNC	26408	26035
>FLT3-Y842C RDIMSDSNY	384	>FLT3-Y842C RDIMSDSNC	16496	16112
>FLT3-Y842C RDIMSDSNY\	207	>FLT3-Y842C RDIMSDSNC\	368	161
>FLT3-Y842C RDIMSDSNY\	121	>FLT3-Y842C RDIMSDSNC\	193	72
>FLT3-Y842C RDIMSDSNY\	47	>FLT3-Y842C RDIMSDSNC\	65	18
>FLT3-Y842C ARDIMSDSN\	207	>FLT3-Y842C ARDIMSDSN\	31420	31213
>FLT3-Y842C ARDIMSDSN\	185	>FLT3-Y842C ARDIMSDSN\	5813	5628
>FOXL2-C134 CEDMFEKGN	13983	>FOXL2-C134 WEDMFEKGN	216	13767
>FOXL2-C134 ACEDMFEKG	1472	>FOXL2-C134 AWEDMFEKG	251	1221
>FOXL2-C134 KGNWTLDP	24911	>FOXL2-C134 KGNWTLDP	343	24568
>FOXL2-C134 KGNWTLDP	15422	>FOXL2-C134 KGNWTLDP	21	15401
>FOXL2-C134 DPACEDMF	29	>FOXL2-C134 DPAWEDMF	30	1
>FOXL2-C134 DPACEDMF	798	>FOXL2-C134 DPAWEDMF	460	338
>FOXL2-C134 DPACEDMF	222	>FOXL2-C134 DPAWEDMF	247	25
>FOXL2-C134 WTLDPACED	278	>FOXL2-C134 WTLDPAWEL	87	191
>FOXL2-C134 WTLDPACED	803	>FOXL2-C134 WTLDPAWEL	290	513
>FOXL2-C134 WTLDPACED	92	>FOXL2-C134 WTLDPAWEL	58	34
>FOXL2-C134 WTLDPACED	257	>FOXL2-C134 WTLDPAWEL	392	135
>FOXL2-C134 WTLDPACED	37	>FOXL2-C134 WTLDPAWEL	32	5
>FOXL2-C134 WTLDPACED	7	>FOXL2-C134 WTLDPAWEL	6	1
>FOXL2-C134 WTLDPACED	522	>FOXL2-C134 WTLDPAWEL	427	95
>FOXL2-C134 WTLDPACED	52	>FOXL2-C134 WTLDPAWEL	32	20
>FOXL2-C134 WTLDPACED	6	>FOXL2-C134 WTLDPAWEL	8	2
>FOXL2-C134 YWTLDPAC	11746	>FOXL2-C134 YWTLDPAW	379	11367
>FOXL2-C134 YWTLDPAC	349	>FOXL2-C134 YWTLDPAW	346	3
>FOXL2-C134 YWTLDPACEI	459	>FOXL2-C134 YWTLDPawe	609	150
>FOXL2-C134 NYWTLDPAC	8150	>FOXL2-C134 NYWTLDPAW	197	7953
>FOXL2-E135 EDMFEKGN	257	>FOXL2-E135 GDMFEKGN	7351	7094
>FOXL2-E135 CEDMFEKGN	562	>FOXL2-E135 CGDMFEKGN	388	174
>FOXL2-E135 CEDMFEKGN	528	>FOXL2-E135 CGDMFEKGN	402	126



>FOXL2-E135 DPACEDMFE	606	>FOXL2-E135 DPACGDMFE	351	255
>FOXL2-E135 DPACEDMF	29	>FOXL2-E135 DPACGDMF	40	11
>FOXL2-E135 DPACEDMF	222	>FOXL2-E135 DPACGDMF	239	17
>FOXL2-E135 WTLDPACED	278	>FOXL2-E135 WTLDPACGD	368	90
>FOXL2-E135 WTLDPACED	996	>FOXL2-E135 WTLDPACGD	452	544
>FOXL2-E135 WTLDPACED	92	>FOXL2-E135 WTLDPACGD	94	2
>FOXL2-E135 WTLDPACED	257	>FOXL2-E135 WTLDPACGD	167	90
>FOXL2-E135 WTLDPACED	37	>FOXL2-E135 WTLDPACGD	30	7
>FOXL2-E135 WTLDPACED	7	>FOXL2-E135 WTLDPACGD	5	2
>FOXL2-E135 WTLDPACED	52	>FOXL2-E135 WTLDPACGD	28	24
>FOXL2-E135 WTLDPACED	6	>FOXL2-E135 WTLDPACGD	5	1
>FOXL2-E135 YWTLDPACED	459	>FOXL2-E135 YWTLDPACG	424	35
>FOXO3-A6S ASPAPLSPL	261	>FOXO3-A6S SSPAPLSPL	151	110
>FOXO3-A6S ASPAPLSPL	151	>FOXO3-A6S SSPAPLSPL	155	4
>FOXO3-A6S ASPAPLSPL	523	>FOXO3-A6S SSPAPLSPL	53	470
>FOXO3-A6S ASPAPLSPLEV	655	>FOXO3-A6S SSPAPLSPLEV	102	553
>FOXO3-A6S ASPAPLSPL	112	>FOXO3-A6S SSPAPLSPL	240	128
>FOXO3-A6S ASPAPLSPL	2	>FOXO3-A6S SSPAPLSPL	2	0
>FOXO3-A6S ASPAPLSPLE	35	>FOXO3-A6S SSPAPLSPLE	24	11
>FOXO3-A6S ASPAPLSPLEV	24	>FOXO3-A6S SSPAPLSPLEV	15	9
>FOXO3-A6S ASPAPLSPL	701	>FOXO3-A6S SSPAPLSPL	274	427
>FOXO3-A6S PASPAPLSPL	2935	>FOXO3-A6S PSSPAPLSPL	424	2511
>FOXO3-A6S APASPAPL	16	>FOXO3-A6S APSSPAPL	20	4
>FOXO3-A6S APASPAPLSP	15	>FOXO3-A6S APSSPAPLSPI	18	3
>FOXO3-A6S APASPAPL	319	>FOXO3-A6S APSSPAPL	399	80
>FOXO3-A6S APASPAPLSP	368	>FOXO3-A6S APSSPAPLSPI	477	109
>FOXO3-A6S APASPAPL	52	>FOXO3-A6S APSSPAPL	71	19
>FOXO3-A6S APASPAPLSP	102	>FOXO3-A6S APSSPAPLSPI	142	40
>FOXO3-A6S APASPAPLSP	318	>FOXO3-A6S APSSPAPLSPI	514	196
>FOXO3-A6S EAPASPAPL	13	>FOXO3-A6S EAPSSPAPL	20	7
>FOXO3-A6S EAPASPAPL	196	>FOXO3-A6S EAPSSPAPL	242	46
>FOXO3-A6S EAPASPAPL	40	>FOXO3-A6S EAPSSPAPL	35	5
>FOXO3-A6S AEAPASPAPL	470	>FOXO3-A6S AEAPSSPAPL	166	304
>FOXO3-A6S AEAPASPAPL	74	>FOXO3-A6S AEAPSSPAPL	67	7
>FOXO3-A6S AEAPASPAPL	83	>FOXO3-A6S AEAPSSPAPL	91	8
>FOXO3-A6S AEAPASPA	418	>FOXO3-A6S AEAPSSPA	308	110
>FOXO3-A6S AEAPASPAPL	108	>FOXO3-A6S AEAPSSPAPL	106	2
>FOXO3-A6S AEAPASPAPL	161	>FOXO3-A6S AEAPSSPAPL	224	63
>FOXO3-A6S AEAPASPAPL	306	>FOXO3-A6S AEAPSSPAPL	282	24
>FOXO3-A6S AEAPASPA	8	>FOXO3-A6S AEAPSSPA	7	1
>FOXO3-A6S AEAPASPAP	249	>FOXO3-A6S AEAPSSPAP	136	113
>FOXO3-A6S AEAPASPAPL	270	>FOXO3-A6S AEAPSSPAPL	353	83
>FOXO3-A6S AEAPASPAPL	91	>FOXO3-A6S AEAPSSPAPL	60	31

>FOXO3-A6S AEAPASPAPL	69	>FOXO3-A6S AEAPSSPAPL	61	8
>FOXO3-A6S MAEAPASPA	124	>FOXO3-A6S MAEAPSSPA	73	51
>FOXO3-A6S MAEAPASPA	77	>FOXO3-A6S MAEAPSSPAI	69	8
>FOXO3-A6S MAEAPASPA	398	>FOXO3-A6S MAEAPSSPAI	409	11
>FOXO3-A6S MAEAPASPA	243	>FOXO3-A6S MAEAPSSPAI	239	4
>FOXO3-A6S MAEAPASPA	17	>FOXO3-A6S MAEAPSSPAI	19	2
>FOXO3-A6S MAEAPASPA	365	>FOXO3-A6S MAEAPSSPA	185	180
>FOXO3-A6S MAEAPASPA	53	>FOXO3-A6S MAEAPSSPAI	43	10
>FOXO3-A6S MAEAPASPA	81	>FOXO3-A6S MAEAPSSPAI	101	20
>FOXO3-A6S MAEAPASPA	258	>FOXO3-A6S MAEAPSSPA	174	84
>FOXO3-G86 GTLGSGLLL	1305	>FOXO3-G86 RTLGSGLLL	373	932
>FOXO3-G86 GTLGSGLL	4977	>FOXO3-G86 RTLGSGLL	100	4877
>FOXO3-G86 GTLGSGLLL	2978	>FOXO3-G86 RTLGSGLLL	46	2932
>FOXO3-G86 GTLGSGLL	7747	>FOXO3-G86 RTLGSGLL	258	7489
>FOXO3-G86 GTLGSGLLL	5283	>FOXO3-G86 RTLGSGLLL	130	5153
>FOXO3-G86 GTLGSGLL	21	>FOXO3-G86 RTLGSGLL	3	18
>FOXO3-G86 GTLGSGLLL	7	>FOXO3-G86 RTLGSGLLL	3	4
>FOXO3-G86 GTLGSGLLLE	4024	>FOXO3-G86 RTLGSGLLLE	226	3798
>FOXO3-G86 GTLGSGLLL	8548	>FOXO3-G86 RTLGSGLLL	388	8160
>FOXO3-G86 GTLGSGLL	13499	>FOXO3-G86 RTLGSGLL	444	13055
>FOXO3-G86 GTLGSGLLL	8016	>FOXO3-G86 RTLGSGLLL	77	7939
>FOXO3-G86 GTLGSGLLL	267	>FOXO3-G86 RTLGSGLLL	85	182
>FOXO3-G86 GTLGSGLL	1286	>FOXO3-G86 RTLGSGLL	35	1251
>FOXO3-G86 GTLGSGLLL	19	>FOXO3-G86 RTLGSGLLL	15	4
>FOXO3-G86 GTLGSGLL	1221	>FOXO3-G86 RTLGSGLL	66	1155
>FOXO3-G86 GTLGSGLLL	1797	>FOXO3-G86 RTLGSGLLL	89	1708
>FOXO3-G86 SGTLGSGL	22709	>FOXO3-G86 SRTLGSGL	398	22311
>FOXO3-G86 SGTLGSGLLL	18789	>FOXO3-G86 SRTLGSGLLL	41	18748
>FOXO3-G86 SGTLGSGLL	27811	>FOXO3-G86 SRTLGSGLL	348	27463
>FOXO3-G86 SGTLGSGLLL	24516	>FOXO3-G86 SRTLGSGLLL	216	24300
>FOXO3-G86 SGTLGSGLL	21223	>FOXO3-G86 SRTLGSGLL	48	21175
>FOXO3-G86 SGTLGSGLLL	23270	>FOXO3-G86 SRTLGSGLLL	173	23097
>FOXO3-G86 AMAIGGGGC	23394	>FOXO3-G86 AMAIGGGGC	497	22897
>FOXO3-G86 GSGTLGSGLL	14335	>FOXO3-G86 GSRTLGSGLL	242	14093
>FOXO3-G86 GSGTLGSGLL	13410	>FOXO3-G86 GSRTLGSGLL	147	13263
>FOXO3-G86 GSGTLGSGL	472	>FOXO3-G86 GSRTLGSGL	14	458
>FOXO3-G86 GSGTLGSGLL	1969	>FOXO3-G86 GSRTLGSGLL	58	1911
>FOXO3-G86 GSGTLGSGLL	529	>FOXO3-G86 GSRTLGSGLL	20	509
>FOXO3-G86 GSGTLGSGL	74	>FOXO3-G86 GSRTLGSGL	8	66
>FOXO3-G86 GSGTLGSGLL	262	>FOXO3-G86 GSRTLGSGLL	86	176
>FOXO3-G86 GSGTLGSGLL	103	>FOXO3-G86 GSRTLGSGLL	11	92
>FOXO3-G86 GGGSGTLGSC	5138	>FOXO3-G86 GGGSRTLGSC	352	4786
>FOXO3-G86 AIGGGGGSG	85	>FOXO3-G86 AIGGGGGSR	103	18

>FOXO3-G86 MAIGGGGGS	33510	>FOXO3-G86 MAIGGGGGS	388	33122
>FOXO3-G86 MAIGGGGGS	34852	>FOXO3-G86 MAIGGGGGS	47	34805
>FOXO3-S31:STVSGRLSPI	133	>FOXO3-S31:CTVSGRLSPI	475	342
>FOXO3-S31:STVSGRLSPI	85	>FOXO3-S31:CTVSGRLSPI	386	301
>FOXO3-S31:STVSGRLSPI	159	>FOXO3-S31:CTVSGRLSPI	659	500
>FOXO3-S31:STVSGRLSPIM	407	>FOXO3-S31:CTVSGRLSPIM	1584	1177
>FOXO3-S31:STVSGRLSPI	116	>FOXO3-S31:CTVSGRLSPI	340	224
>FOXO3-S31:STVSGRLSPIM	18	>FOXO3-S31:CTVSGRLSPIM	50	32
>FOXO3-S31:STVSGRLSPI	27	>FOXO3-S31:CTVSGRLSPI	52	25
>FOXO3-S31:STVSGRLSPI	156	>FOXO3-S31:CTVSGRLSPI	1848	1692
>FOXO3-S31:STVSGRLSPI	24	>FOXO3-S31:CTVSGRLSPI	147	123
>FOXO3-S31:STVSGRLSPIM	18	>FOXO3-S31:CTVSGRLSPIM	114	96
>FOXO3-S31:STVSGRLSPIM	124	>FOXO3-S31:CTVSGRLSPIM	213	89
>FOXO3-S31:STVSGRLSPIM	7	>FOXO3-S31:CTVSGRLSPIM	56	49
>FOXO3-S31:STVSGRLSPI	128	>FOXO3-S31:CTVSGRLSPI	67	61
>FOXO3-S31:STVSGRLSPIM	705	>FOXO3-S31:CTVSGRLSPIM	232	473
>FOXO3-S31:ASTVSGRL	16	>FOXO3-S31:ACTVSGRL	8856	8840
>FOXO3-S31:ASTVSGRLSPI	23	>FOXO3-S31:ACTVSGRLSP	10043	10020
>FOXO3-S31:ASTVSGRL	229	>FOXO3-S31:ACTVSGRL	11355	11126
>FOXO3-S31:ASTVSGRLSPI	44	>FOXO3-S31:ACTVSGRLSP	1829	1785
>FOXO3-S31:NASTVSGR	413	>FOXO3-S31:NACTVSGR	167	246
>FOXO3-S31:NASTVSGR	10	>FOXO3-S31:NACTVSGR	15	5
>FOXO3-S31:NASTVSGRL	94	>FOXO3-S31:NACTVSGRL	664	570
>FOXO3-S31:SNASTVSGR	55	>FOXO3-S31:SNACTVSGR	117	62
>FOXO3-S31:NSNASTVSGF	281	>FOXO3-S31:NSNACTVSGF	102	179
>FOXO3-S31:NSNASTVSGF	32	>FOXO3-S31:NSNACTVSGF	21	11
>FOXO3-S31:NSNASTVSGF	164	>FOXO3-S31:NSNACTVSGF	103	61
>FOXO3-S31:NSNASTVSGF	467	>FOXO3-S31:NSNACTVSGF	1785	1318
>FOXO3-S31:TNSNASTVSC	76	>FOXO3-S31:TNSNACTVSC	84	8
>FOXO3-S31:RTNSNASTV	43	>FOXO3-S31:RTNSNACTV	213	170
>FOXO3-S31:RTNSNASTV	48	>FOXO3-S31:RTNSNACTV	20	28
>FOXO3-S31:RTNSNASTV	251	>FOXO3-S31:RTNSNACTV	112	139
>FOXO3-S31:RTNSNASTV	1494	>FOXO3-S31:RTNSNACTV	241	1253
>FOXO3-S31:RTNSNASTV	256	>FOXO3-S31:RTNSNACTV	71	185
>FOXO3-S31:RTNSNASTV	137	>FOXO3-S31:RTNSNACTV	54	83
>FOXO3-S31:RTNSNASTVS	292	>FOXO3-S31:RTNSNACTVS	414	122
>FOXO3-S31:RTNSNASTV	101	>FOXO3-S31:RTNSNACTV	55	46
>FOXO3-S31:RTNSNASTVS	325	>FOXO3-S31:RTNSNACTVS	274	51
>FOXO3-S31:RTNSNASTV	444	>FOXO3-S31:RTNSNACTV	266	178
>FOXO3-S31:RTNSNASTV	328	>FOXO3-S31:RTNSNACTV	831	503
>FOXO3-S31:RTNSNAST	326	>FOXO3-S31:RTNSNACT	2338	2012
>FOXO3-S31:RTNSNASTV	8	>FOXO3-S31:RTNSNACTV	10	2
>FOXO3-S31:RTNSNASTV	8	>FOXO3-S31:RTNSNACTV	395	387

>FOXO3-S31:RTNSNASTV	381	>FOXO3-S31:RTNSNACTV	1691	1310
>FOXO3-S31:SRTNSNASTV	302	>FOXO3-S31:SRTNSNACTV	599	297
>FOXO3-S31:RSRTNSNAS	6	>FOXO3-S31:RSRTNSNAC	14	8
>FOXO3-S31:RSRTNSNAST	7	>FOXO3-S31:RSRTNSNACT	14	7
>FOXO3-S31:RSRTNSNAST	5	>FOXO3-S31:RSRTNSNACT	4	1
>FOXO3-S31:RSRTNSNAST	46	>FOXO3-S31:RSRTNSNACT	104	58
>FOXO3-S31:RSRTNSNAST	122	>FOXO3-S31:RSRTNSNACT	1072	950
>FOXO3-S31:RSRTNSNAST	10	>FOXO3-S31:RSRTNSNACT	11	1
>FOXO3-S31:RSRTNSNAST	27	>FOXO3-S31:RSRTNSNACT	403	376
>FOXO4-S34:SLFSPAEGPL	195	>FOXO4-S34:FLFSPAEGPL	33	162
>FOXO4-S34:SLFSPAEGPLS	4028	>FOXO4-S34:FLFSPAEGPLS	293	3735
>FOXO4-S34:SLFSPAEG	1402	>FOXO4-S34:FLFSPAEG	76	1326
>FOXO4-S34:SLFSPAEGP	4531	>FOXO4-S34:FLFSPAEGP	304	4227
>FOXO4-S34:SLFSPAEGPL	11	>FOXO4-S34:FLFSPAEGPL	5	6
>FOXO4-S34:SLFSPAEGPLS	1812	>FOXO4-S34:FLFSPAEGPLS	75	1737
>FOXO4-S34:SLFSPAEG	2441	>FOXO4-S34:FLFSPAEG	306	2135
>FOXO4-S34:SLFSPAEGPL	35	>FOXO4-S34:FLFSPAEGPL	14	21
>FOXO4-S34:SLFSPAEGPLS	2948	>FOXO4-S34:FLFSPAEGPLS	261	2687
>FOXO4-S34:SLFSPAEGPL	1033	>FOXO4-S34:FLFSPAEGPL	122	911
>FOXO4-S34:SLFSPAEGPLS	4860	>FOXO4-S34:FLFSPAEGPLS	339	4521
>FOXO4-S34:SLFSPAEG	173	>FOXO4-S34:FLFSPAEG	24	149
>FOXO4-S34:SLFSPAEGP	753	>FOXO4-S34:FLFSPAEGP	83	670
>FOXO4-S34:SLFSPAEGPL	5	>FOXO4-S34:FLFSPAEGPL	2	3
>FOXO4-S34:SLFSPAEGPLS	182	>FOXO4-S34:FLFSPAEGPLS	26	156
>FOXO4-S34:SLFSPAEGPL	65	>FOXO4-S34:FLFSPAEGPL	8	57
>FOXO4-S34:SLFSPAEGPL	17	>FOXO4-S34:FLFSPAEGPL	9	8
>FOXO4-S34:SLFSPAEGPLS	1040	>FOXO4-S34:FLFSPAEGPLS	404	636
>FOXO4-S34:SLFSPAEGPL	1670	>FOXO4-S34:FLFSPAEGPL	79	1591
>FOXO4-S34:SLFSPAEG	1659	>FOXO4-S34:FLFSPAEG	161	1498
>FOXO4-S34:SLFSPAEGPL	10	>FOXO4-S34:FLFSPAEGPL	3	7
>FOXO4-S34:SLFSPAEGPLS	390	>FOXO4-S34:FLFSPAEGPLS	48	342
>FOXO4-S34:SLFSPAEGPL	546	>FOXO4-S34:FLFSPAEGPL	345	201
>FOXO4-S34:SLFSPAEGPL	594	>FOXO4-S34:FLFSPAEGPL	214	380
>FOXO4-S34:SLFSPAEGPL	502	>FOXO4-S34:FLFSPAEGPL	273	229
>FOXO4-S34:SLFSPAEGPL	218	>FOXO4-S34:FLFSPAEGPL	74	144
>FOXO4-S34:SLFSPAEGPL	484	>FOXO4-S34:FLFSPAEGPL	76	408
>FOXO4-S34:SLFSPAEGPL	1946	>FOXO4-S34:FLFSPAEGPL	315	1631
>FOXO4-S34:SSLFSPAEGPL	14588	>FOXO4-S34:SFLFSPAEGPL	314	14274
>FOXO4-S34:SSLFSPAEGPL	13	>FOXO4-S34:SFLFSPAEGPL	21459	21446
>FOXO4-S34:SSLFSPAEGPL	25014	>FOXO4-S34:SFLFSPAEGPL	216	24798
>FOXO4-S34:SSLFSPAEGPL	477	>FOXO4-S34:SFLFSPAEGPL	16626	16149
>FOXO4-S34:VTGPLHTYSS	22560	>FOXO4-S34:VTGPLHTYSS	440	22120
>FOXO4-S34:VTGPLHTYSS	15163	>FOXO4-S34:VTGPLHTYSS	115	15048

>FOXO4-S34.VTGPLHTYSS:	15804	>FOXO4-S34.VTGPLHTYSS	106	15698
>FOXO4-S34.VTGPLHTYSS:	6108	>FOXO4-S34.VTGPLHTYSS	5	6103
>FOXO4-S34.VTGPLHTYSS:	18889	>FOXO4-S34.VTGPLHTYSS	77	18812
>FOXO4-S34.VTGPLHTYSS:	6113	>FOXO4-S34.VTGPLHTYSS	127	5986
>FOXO4-S34.VTGPLHTYSS:	620	>FOXO4-S34.VTGPLHTYSS	5	615
>FOXO4-S34.SSFLFSPA	571	>FOXO4-S34.SSFLFSPA	7	564
>FOXO4-S34.SSFLFSPA	948	>FOXO4-S34.SSFLFSPA	158	790
>FOXO4-S34.SSFLFSPA	387	>FOXO4-S34.SSFLFSPA	112	275
>FOXO4-S34.YSSFLFSPA	199	>FOXO4-S34.YSSFLFSPA	229	30
>FOXO4-S34.YSSFLFSPA	210	>FOXO4-S34.YSSFLFSPA	251	41
>FOXO4-S34.YSSFLFSPA	135	>FOXO4-S34.YSSFLFSPA	213	78
>FOXO4-S34.YSSFLFSPA	43	>FOXO4-S34.YSSFLFSPA	23	20
>FOXO4-S34.YSSFLFSPA	226	>FOXO4-S34.YSSFLFSPA	272	46
>FOXO4-S34.YSSFLFSPA	132	>FOXO4-S34.YSSFLFSPA	681	549
>FOXO4-S34.YSSFLFSPA	65	>FOXO4-S34.YSSFLFSPA	109	44
>FOXO4-S34.TYSSFLFSPA	300	>FOXO4-S34.TYSSFLFSPA	1904	1604
>FOXO4-S34.TYSSFLFSPA	291	>FOXO4-S34.TYSSFLFSPA	180	111
>FOXO4-S34.TYSSFLFSPA	461	>FOXO4-S34.TYSSFLFSPA	400	61
>FOXO4-S34.HTYSSFLFSPA	77	>FOXO4-S34.HTYSSFLFSPA	61	16
>FOXO4-S34.HTYSSFLFSPA	195	>FOXO4-S34.HTYSSFLFSPA	78	117
>FOXO4-S34.HTYSSFLF	617	>FOXO4-S34.HTYSSFLF	82	535
>FOXO4-S34.HTYSSFLF	1461	>FOXO4-S34.HTYSSFLF	199	1262
>FOXO4-S34.HTYSSFLF	82	>FOXO4-S34.HTYSSFLF	356	274
>FOXO4-S34.HTYSSFLF	213	>FOXO4-S34.HTYSSFLF	299	86
>FOXO4-S34.HTYSSFLF	530	>FOXO4-S34.HTYSSFLF	397	133
>FOXO4-S34.HTYSSFLF	288	>FOXO4-S34.HTYSSFLF	72	216
>FOXO4-S34.HTYSSFLFS	34	>FOXO4-S34.HTYSSFLFS	66	32
>FOXO4-S34.HTYSSFLFSPA	22	>FOXO4-S34.HTYSSFLFSPA	25	3
>FOXO4-S34.HTYSSFLF	143	>FOXO4-S34.HTYSSFLF	54	89
>FOXO4-S34.HTYSSFLF	190	>FOXO4-S34.HTYSSFLF	88	102
>FOXO4-S34.HTYSSFLFS	305	>FOXO4-S34.HTYSSFLFS	212	93
>FOXO4-S34.HTYSSFLFS	865	>FOXO4-S34.HTYSSFLFS	305	560
>FOXO4-S34.HTYSSFLFSPA	14	>FOXO4-S34.HTYSSFLFSPA	10	4
>FOXO4-S34.HTYSSFLFSPA	25	>FOXO4-S34.HTYSSFLFSPA	24	1
>FOXO4-S34.HTYSSFLF	68	>FOXO4-S34.HTYSSFLF	129	61
>FOXO4-S34.HTYSSFLFSPA	467	>FOXO4-S34.HTYSSFLFSPA	548	81
>FOXO4-S34.HTYSSFLF	143	>FOXO4-S34.HTYSSFLF	627	484
>FOXO4-S34.HTYSSFLF	7	>FOXO4-S34.HTYSSFLF	11	4
>FOXO4-S34.HTYSSFLFSPA	260	>FOXO4-S34.HTYSSFLFSPA	264	4
>FOXO4-S34.HTYSSFLF	2	>FOXO4-S34.HTYSSFLF	3	1
>FOXO4-S34.HTYSSFLFS	130	>FOXO4-S34.HTYSSFLFS	815	685
>FOXO4-S34.HTYSSFLFSPA	200	>FOXO4-S34.HTYSSFLFSPA	519	319
>FOXO4-S34.HTYSSFLF	277	>FOXO4-S34.HTYSSFLF	299	22

>FOXO4-S34:HTYSSSLF	144	>FOXO4-S34:HTYSSFLF	99	45
>FOXO4-S34:HTYSSSLF	33	>FOXO4-S34:HTYSSFLF	19	14
>FOXO4-S34:HTYSSSLF	145	>FOXO4-S34:HTYSSFLF	17	128
>FOXO4-S34:HTYSSSLFS	2308	>FOXO4-S34:HTYSSFLFS	467	1841
>FOXO4-S34:HTYSSSLF	54	>FOXO4-S34:HTYSSFLF	55	1
>FOXO4-S34:HTYSSSLFSPA	341	>FOXO4-S34:HTYSSFLFSPA	329	12
>FOXO4-S34:LHTYSSSLF	2309	>FOXO4-S34:LHTYSSFLF	490	1819
>FOXO4-S34:LHTYSSSL	106	>FOXO4-S34:LHTYSSFL	453	347
>FOXO4-S34:LHTYSSSLF	12	>FOXO4-S34:LHTYSSFLF	37	25
>FOXO4-S34:LHTYSSSL	259	>FOXO4-S34:LHTYSSFL	992	733
>FOXO4-S34:LHTYSSSLF	38	>FOXO4-S34:LHTYSSFLF	1017	979
>FOXO4-S34:LHTYSSSL	226	>FOXO4-S34:LHTYSSFL	127	99
>FOXO4-S34:LHTYSSSLF	20	>FOXO4-S34:LHTYSSFLF	14	6
>FOXO4-S34:PLHTYSSSL	270	>FOXO4-S34:PLHTYSSFL	70	200
>FOXO4-S34:PLHTYSSSL	440	>FOXO4-S34:PLHTYSSFL	469	29
>FOXO4-S34:PLHTYSSSL	305	>FOXO4-S34:PLHTYSSFL	143	162
>FOXO4-S34:PLHTYSSSL	39	>FOXO4-S34:PLHTYSSFL	55	16
>FOXO4-S34:PLHTYSSSLF	585	>FOXO4-S34:PLHTYSSFLF	267	318
>FOXO4-S34:PLHTYSSSL	344	>FOXO4-S34:PLHTYSSFL	2285	1941
>FOXO4-S34:PLHTYSSS	14430	>FOXO4-S34:PLHTYSSF	39	14391
>FOXO4-S34:PLHTYSSSLF	82	>FOXO4-S34:PLHTYSSFLF	247	165
>FOXO4-S34:GPLHTYSSSL	1283	>FOXO4-S34:GPLHTYSSFL	170	1113
>FOXO4-S34:GPLHTYSSSLF	1731	>FOXO4-S34:GPLHTYSSFLF	365	1366
>FOXO4-S34:GPLHTYSSS	13623	>FOXO4-S34:GPLHTYSSF	165	13458
>FOXO4-S34:GPLHTYSSSL	448	>FOXO4-S34:GPLHTYSSFL	1692	1244
>FOXO4-S34:GPLHTYSSS	10804	>FOXO4-S34:GPLHTYSSF	21	10783
>FOXO4-S34:GPLHTYSSSLF	86	>FOXO4-S34:GPLHTYSSFLF	211	125
>FOXO4-S34:GPLHTYSSS	10528	>FOXO4-S34:GPLHTYSSF	153	10375
>FOXO4-S34:GPLHTYSSSLF	318	>FOXO4-S34:GPLHTYSSFLF	238	80
>FOXO4-S34:GPLHTYSSSL	244	>FOXO4-S34:GPLHTYSSFL	1184	940
>FOXO4-S34:GPLHTYSSS	20717	>FOXO4-S34:GPLHTYSSF	395	20322
>FOXO4-S34:GPLHTYSSSLF	336	>FOXO4-S34:GPLHTYSSFLF	119	217
>FOXO4-S34:GPLHTYSSS	5491	>FOXO4-S34:GPLHTYSSF	31	5460
>FOXO4-S34:GPLHTYSSSLF	12	>FOXO4-S34:GPLHTYSSFLF	111	99
>FOXO4-S34:GPLHTYSSS	7106	>FOXO4-S34:GPLHTYSSF	13	7093
>FOXO4-S34:GPLHTYSSSL	289	>FOXO4-S34:GPLHTYSSFL	453	164
>FOXO4-S34:GPLHTYSSSLF	36	>FOXO4-S34:GPLHTYSSFLF	23	13
>FOXO4-S34:TGPLHTYSSS	8678	>FOXO4-S34:TGPLHTYSSF	447	8231
>FOXO4-S34:TGPLHTYSSS	10254	>FOXO4-S34:TGPLHTYSSF	164	10090
>FOXO4-S34:TGPLHTYSSSI	61	>FOXO4-S34:TGPLHTYSSFI	14	47
>FOXP1-R60:REELNGAM	43	>FOXP1-R60:QEELNGAM	8	35
>FOXP1-R60:REELNGAM	26	>FOXP1-R60:QEELNGAM	160	134
>FOXP1-R60:REELNGAM	423	>FOXP1-R60:QEELNGAM	3010	2587

>FOXP1-R60: IREELNGA	18244	>FOXP1-R60: IQEELNGA	99	18145
>FOXP1-R60: AIREELNGA	1132	>FOXP1-R60: AIQEELNGA	290	842
>FOXP1-R60: AIREELNGA	43	>FOXP1-R60: AIQEELNGA	87	44
>FOXP1-R60: AIREELNGA	325	>FOXP1-R60: AIQEELNGA	80	245
>FOXP1-R60: AIREELNGA	994	>FOXP1-R60: AIQEELNGA	399	595
>FOXP1-R60: AIREELNGAM	132	>FOXP1-R60: AIQEELNGAM	209	77
>FOXP1-R60: AIREELNGA	205	>FOXP1-R60: AIQEELNGA	12254	12049
>FOXP1-R60: AIREELNGAM	256	>FOXP1-R60: AIQEELNGAM	12600	12344
>FOXP1-R60: SAIREELNGA	515	>FOXP1-R60: SAIQEELNGA	341	174
>FOXP1-R60: SAIREELNGAI	195	>FOXP1-R60: SAIQEELNGA	178	17
>FOXP1-R60: SAIREELNGAI	1283	>FOXP1-R60: SAIQEELNGA	397	886
>FOXP1-R60: SAIREELNGAI	143	>FOXP1-R60: SAIQEELNGA	54	89
>FOXP1-R60: ASAIREEEL	93	>FOXP1-R60: ASAIQEEL	88	5
>FOXP1-R60: LASAIREEEL	63	>FOXP1-R60: LASAIQEEL	17	46
>FOXP1-R60: LASAIREEEL	33	>FOXP1-R60: LASAIQEEL	43	10
>FOXP1-R60: LASAIREEEL	1451	>FOXP1-R60: LASAIQEEL	137	1314
>FOXP1-R60: NLASAIREEEL	25	>FOXP1-R60: NLASAIQEEL	26	1
>FOXP1-R60: NLASAIREEEL	270	>FOXP1-R60: NLASAIQEEL	519	249
>FOXP1-R60: NLASAIREEEL	179	>FOXP1-R60: NLASAIQEEL	44	135
>FOXP1-R60: NLASAIREEEL	1268	>FOXP1-R60: NLASAIQEEL	193	1075
>FOXP1-R60: NLASAIREEEL	349	>FOXP1-R60: NLASAIQEEL	53	296
>FOXP1-R60: NLASAIREEEL	131	>FOXP1-R60: NLASAIQEEL	12	119
>FOXP1-R60: NLASAIREEEL	22	>FOXP1-R60: NLASAIQEEL	9	13
>FOXP1-R60: NLASAIREEEL	240	>FOXP1-R60: NLASAIQEEL	381	141
>FOXP1-R60: TLGNLASAIR	188	>FOXP1-R60: TLGNLASAIQ	32652	32464
>FUS-K312Q: KTNKKTGQPI	495	>FUS-K312Q: QTNKKTGQPI	121	374
>FUS-K312Q: KTNKKTGQPI	45	>FUS-K312Q: QTNKKTGQPI	2026	1981
>FUS-K312Q: KTNKKTGQPI	35	>FUS-K312Q: QTNKKTGQPI	1683	1648
>FUS-K312Q: KTNKKTGQPI	447	>FUS-K312Q: QTNKKTGQPI	3821	3374
>FUS-K312Q: KTNKKTGQPI	135	>FUS-K312Q: QTNKKTGQPI	1377	1242
>FUS-K312Q: KTNKKTGQPI	4027	>FUS-K312Q: QTNKKTGQPI	303	3724
>FUS-K312Q: KTNKKTGQPI	10	>FUS-K312Q: QTNKKTGQPI	42	32
>FUS-K312Q: KTNKKTGQPI	59	>FUS-K312Q: QTNKKTGQPI	767	708
>FUS-K312Q: KTNKKTGQPI	486	>FUS-K312Q: QTNKKTGQPI	9864	9378
>FUS-K312Q: KTNKKTGQPI	150	>FUS-K312Q: QTNKKTGQPI	4963	4813
>FUS-K312Q: KTNKKTGQPI	287	>FUS-K312Q: QTNKKTGQPI	347	60
>FUS-K312Q: KTNKKTGQPI	37	>FUS-K312Q: QTNKKTGQPI	140	103
>FUS-K312Q: IKTNKKTGQP	15176	>FUS-K312Q: IQTNKKTGQF	335	14841
>FUS-K312Q: IKTNKKTGQP	23	>FUS-K312Q: IQTNKKTGQF	25	2
>FUS-K312Q: GIIKTNKK	80	>FUS-K312Q: GIIQTNKK	108	28
>FUS-K312Q: QIGIIKTNK	629	>FUS-K312Q: QIGIIQTNK	411	218
>FUS-K312Q: KQIGIIKT	90	>FUS-K312Q: KQIGIIQT	39	51
>FUS-K312Q: KQIGIIKTNK	64	>FUS-K312Q: KQIGIIQTNK	65	1

>FUS-K312Q- KQIGIIKTNKK	484	>FUS-K312Q- KQIGIIQTNKK	411	73
>FUS-K312Q- KQIGIIKTNK	151	>FUS-K312Q- KQIGIIQTNK	120	31
>FUS-K312Q- KQIGIIKTNKK	152	>FUS-K312Q- KQIGIIQTNKK	103	49
>FUS-K312Q- KQIGIIKTNKK	612	>FUS-K312Q- KQIGIIQTNKK	361	251
>FUS-K312Q- KQIGIIKTNK	105	>FUS-K312Q- KQIGIIQTNK	149	44
>FUS-K312Q- KQIGIIKTNKK	354	>FUS-K312Q- KQIGIIQTNKK	335	19
>FUS-K312Q- KQIGIIKTNKK	550	>FUS-K312Q- KQIGIIQTNKK	474	76
>FUS-K312Q- YFKQIGIIK	194	>FUS-K312Q- YFKQIGIIQ	8307	8113
>FUS-K312Q- DYFKQIGIIK	248	>FUS-K312Q- DYFKQIGIIQ	2999	2751
>GATA1-A59' ALAYYRDA	179	>GATA1-A59' VLAYYRDA	347	168
>GATA1-A59' ALAYYRDAEA	139	>GATA1-A59' VLAYYRDAEA	341	202
>GATA1-A59' ALAYYRDA	71	>GATA1-A59' VLAYYRDA	98	27
>GATA1-A59' ALAYYRDAEA	270	>GATA1-A59' VLAYYRDAEA	540	270
>GATA1-A59' ALAYYRDA	205	>GATA1-A59' VLAYYRDA	222	17
>GATA1-A59' ALAYYRDAEA	43	>GATA1-A59' VLAYYRDAEA	49	6
>GATA1-A59' ALAYYRDAEA	290	>GATA1-A59' VLAYYRDAEA	1059	769
>GATA1-A59' ALAYYRDAEA	100	>GATA1-A59' VLAYYRDAEA	62	38
>GATA1-A59' ALAYYRDAEA	49	>GATA1-A59' VLAYYRDAEA	31	18
>GATA1-A59' ALAYYRDAEA	1097	>GATA1-A59' VLAYYRDAEA	400	697
>GATA1-A59' ALAYYRDAEA	64	>GATA1-A59' VLAYYRDAEA	79	15
>GATA1-A59' ALAYYRDAEA	254	>GATA1-A59' VLAYYRDAEA	185	69
>GATA1-A59' ALAYYRDAEA	59	>GATA1-A59' VLAYYRDAEA	89	30
>GATA1-A59' ALAYYRDAEA	1059	>GATA1-A59' VLAYYRDAEA	401	658
>GATA1-A59' ALAYYRDAEA	269	>GATA1-A59' VLAYYRDAEA	874	605
>GATA1-A59' ALAYYRDAEA	402	>GATA1-A59' VLAYYRDAEA	443	41
>GATA1-A59' AALAYYRDAE	1186	>GATA1-A59' AVLAYYRDAE	243	943
>GATA1-A59' AALAYYRDAE	1610	>GATA1-A59' AVLAYYRDAE	481	1129
>GATA1-A59' APSTATAAAA^	11226	>GATA1-A59' APSTATAAAA^	61	11165
>GATA1-A59' APSTATAAAA^	38	>GATA1-A59' APSTATAAAA^	22	16
>GATA1-A59' APSTATAAAA^	239	>GATA1-A59' APSTATAAAA^	413	174
>GATA1-A59' APSTATAAAA^	5583	>GATA1-A59' APSTATAAAA^	215	5368
>GATA1-A59' APSTATAAAA^	430	>GATA1-A59' APSTATAAAA^	2347	1917
>GATA1-A59' APSTATAAAA^	440	>GATA1-A59' APSTATAAAA^	363	77
>GATA1-A59' AAALAYYR	164	>GATA1-A59' AAVLAYYR	276	112
>GATA1-A59' AAALAYYR	17	>GATA1-A59' AAVLAYYR	16	1
>GATA1-A59' AAALAYYR	22	>GATA1-A59' AAVLAYYR	38	16
>GATA1-A59' AAALAYYR	315	>GATA1-A59' AAVLAYYR	466	151
>GATA1-A59' AAALAYYR	251	>GATA1-A59' AAVLAYYR	160	91
>GATA1-A59' AAAALAYY	270	>GATA1-A59' AAAVLAYY	526	256
>GATA1-A59' AAAALAYYR	56	>GATA1-A59' AAAVLAYYR	105	49
>GATA1-A59' AAAALAYY	217	>GATA1-A59' AAAVLAYY	523	306
>GATA1-A59' AAAALAYY	54	>GATA1-A59' AAAVLAYY	74	20
>GATA1-A59' AAAALAYY	28	>GATA1-A59' AAAVLAYY	26	2



>GATA1-A59 AAAALAYYR	12	>GATA1-A59 AA AVLAYYR	11	1
>GATA1-A59 AAAALAYYR	8	>GATA1-A59 AA AVLAYYR	11	3
>GATA1-A59 AAAALAYY	334	>GATA1-A59 AA AVLAYY	890	556
>GATA1-A59 AAAALAYY	200	>GATA1-A59 AA AVLAYY	436	236
>GATA1-A59 AAAALAYY	14	>GATA1-A59 AA AVLAYY	18	4
>GATA1-A59 AAAALAYY	301	>GATA1-A59 AA AVLAYY	527	226
>GATA1-A59 AAAALAYY	130	>GATA1-A59 AA AVLAYY	155	25
>GATA1-A59 AAAALAYY	289	>GATA1-A59 AA AVLAYY	645	356
>GATA1-A59 AAAALAYY	405	>GATA1-A59 AA AVLAYY	411	6
>GATA1-A59 AAAALAYYR	241	>GATA1-A59 AA AVLAYYR	161	80
>GATA1-A59 AAAALAYYR	54	>GATA1-A59 AA AVLAYYR	168	114
>GATA1-A59 AAAAALAYY	286	>GATA1-A59 AAA AVLAYY	120	166
>GATA1-A59 AAAAALAYYF	36	>GATA1-A59 AAA AVLAYYF	50	14
>GATA1-A59 AAAAALAY	392	>GATA1-A59 AAA AVLAY	252	140
>GATA1-A59 AAAAALAYY	21	>GATA1-A59 AAA AVLAYY	45	24
>GATA1-A59 AAAAALAY	100	>GATA1-A59 AAA AVLAY	134	34
>GATA1-A59 AAAAALAYY	104	>GATA1-A59 AAA AVLAYY	95	9
>GATA1-A59 AAAAALAY	115	>GATA1-A59 AAA AVLAY	113	2
>GATA1-A59 AAAAALAYY	20	>GATA1-A59 AAA AVLAYY	18	2
>GATA1-A59 AAAAALAYYF	44	>GATA1-A59 AAA AVLAYYF	36	8
>GATA1-A59 AAAAALAYY	1193	>GATA1-A59 AAA AVLAYY	380	813
>GATA1-A59 AAAAALAYYF	5	>GATA1-A59 AAA AVLAYYF	4	1
>GATA1-A59 AAAAALAY	377	>GATA1-A59 AAA AVLAY	217	160
>GATA1-A59 AAAAALAYY	1304	>GATA1-A59 AAA AVLAYY	363	941
>GATA1-A59 AAAAALAY	87	>GATA1-A59 AAA AVLAY	86	1
>GATA1-A59 AAAAALAYY	110	>GATA1-A59 AAA AVLAYY	162	52
>GATA1-A59 AAAAALAY	148	>GATA1-A59 AAA AVLAY	157	9
>GATA1-A59 AAAAALAY	10	>GATA1-A59 AAA AVLAY	24	14
>GATA1-A59 AAAAALAYY	8	>GATA1-A59 AAA AVLAYY	24	16
>GATA1-A59 AAAAALAY	28	>GATA1-A59 AAA AVLAY	41	13
>GATA1-A59 AAAAALAYY	365	>GATA1-A59 AAA AVLAYY	636	271
>GATA1-A59 AAAAALAY	992	>GATA1-A59 AAA AVLAY	289	703
>GATA1-A59 AAAAALAYY	103	>GATA1-A59 AAA AVLAYY	36	67
>GATA1-A59 AAAAALAYY	568	>GATA1-A59 AAA AVLAYY	228	340
>GATA1-A59 AAAAALAY	54	>GATA1-A59 AAA AVLAY	38	16
>GATA1-A59 AAAAALAYY	142	>GATA1-A59 AAA AVLAYY	152	10
>GATA1-A59 AAAAALAYY	465	>GATA1-A59 AAA AVLAYY	421	44
>GATA1-A59 AAAAALAYYF	517	>GATA1-A59 AAA AVLAYYF	495	22
>GATA1-A59 AAAAALAYYF	235	>GATA1-A59 AAA AVLAYYF	359	124
>GATA1-A59 TAAAAALAYY	100	>GATA1-A59 TAAAA AVLAYY	136	36
>GATA1-A59 TAAAAALAYY	454	>GATA1-A59 TAAAA AVLAYY	266	188
>GATA1-A59 TAAAAALAYY	109	>GATA1-A59 TAAAA AVLAYY	102	7
>GATA1-A59 TAAAAALAYY	473	>GATA1-A59 TAAAA AVLAYY	350	123

>GATA1-A59 TAAAAALAY	1606	>GATA1-A59 TAAAAVLAY	153	1453
>GATA1-A59 TAAAAALAYY	119	>GATA1-A59 TAAAAVLAYY	54	65
>GATA1-A59 TAAAAALAY	25	>GATA1-A59 TAAAAVLAY	46	21
>GATA1-A59 TAAAAALAYY	191	>GATA1-A59 TAAAAVLAYY	161	30
>GATA1-A59 TAAAAALAY	349	>GATA1-A59 TAAAAVLAY	444	95
>GATA1-A59 TAAAAALAYY	44	>GATA1-A59 TAAAAVLAYY	36	8
>GATA1-A59 TAAAAALAYY	66	>GATA1-A59 TAAAAVLAYY	43	23
>GATA1-A59 TAAAAALAYY	19	>GATA1-A59 TAAAAVLAYY	13	6
>GATA1-A59 TAAAAALAYY	3	>GATA1-A59 TAAAAVLAYY	3	0
>GATA1-A59 TAAAAALA	33	>GATA1-A59 TAAAAVLA	28	5
>GATA1-A59 TAAAAALAY	55	>GATA1-A59 TAAAAVLAY	98	43
>GATA1-A59 TAAAAALAYY	328	>GATA1-A59 TAAAAVLAYY	271	57
>GATA1-A59 TAAAAALAY	113	>GATA1-A59 TAAAAVLAY	66	47
>GATA1-A59 TAAAAALAYY	209	>GATA1-A59 TAAAAVLAYY	176	33
>GATA1-A59 TAAAAALAY	374	>GATA1-A59 TAAAAVLAY	578	204
>GATA1-A59 TAAAAALAY	443	>GATA1-A59 TAAAAVLAY	254	189
>GATA1-A59 TAAAAALAY	24	>GATA1-A59 TAAAAVLAY	31	7
>GATA1-A59 TAAAAALAYY	20	>GATA1-A59 TAAAAVLAYY	41	21
>GATA1-A59 TAAAAALAY	8	>GATA1-A59 TAAAAVLAY	9	1
>GATA1-A59 TAAAAALAYY	348	>GATA1-A59 TAAAAVLAYY	386	38
>GATA1-A59 TAAAAALAY	438	>GATA1-A59 TAAAAVLAY	154	284
>GATA1-A59 TAAAAALAYY	92	>GATA1-A59 TAAAAVLAYY	49	43
>GATA1-A59 TAAAAALAYY	261	>GATA1-A59 TAAAAVLAYY	308	47
>GATA1-A59 TAAAAALAY	101	>GATA1-A59 TAAAAVLAY	40	61
>GATA1-A59 TAAAAALAYY	532	>GATA1-A59 TAAAAVLAYY	280	252
>GATA1-A59 TAAAAALAY	281	>GATA1-A59 TAAAAVLAY	487	206
>GATA1-A59 TAAAAALAYY	54	>GATA1-A59 TAAAAVLAYY	64	10
>GATA1-A59 ATAAAAALA\	29	>GATA1-A59 ATAAAAVLA\	35	6
>GATA1-A59 ATAAAAALA\	67	>GATA1-A59 ATAAAAVLA\	57	10
>GATA1-A59 ATAAAAAL	31	>GATA1-A59 ATAAAAVL	115	84
>GATA1-A59 ATAAAAALA	111	>GATA1-A59 ATAAAAVLA	217	106
>GATA1-A59 ATAAAAAL	387	>GATA1-A59 ATAAAAVL	1405	1018
>GATA1-A59 ATAAAAALA	235	>GATA1-A59 ATAAAAVLA	1032	797
>GATA1-A59 ATAAAAAL	127	>GATA1-A59 ATAAAAVL	716	589
>GATA1-A59 ATAAAAALA	253	>GATA1-A59 ATAAAAVLA	271	18
>GATA1-A59 ATAAAAALA\	191	>GATA1-A59 ATAAAAVLA\	199	8
>GATA1-A59 ATAAAAALA\	265	>GATA1-A59 ATAAAAVLA\	213	52
>GATA1-A59 ATAAAAALA\	55	>GATA1-A59 ATAAAAVLAY	51	4
>GATA1-A59 ATAAAAALA\	35	>GATA1-A59 ATAAAAVLA\	25	10
>GATA1-A59 ATAAAAALA\	418	>GATA1-A59 ATAAAAVLA\	225	193
>GATA1-A59 ATAAAAALA\	86	>GATA1-A59 ATAAAAVLA\	140	54
>GATA1-A59 ATAAAAAL	209	>GATA1-A59 ATAAAAVL	591	382
>GATA1-A59 ATAAAAALA\	28	>GATA1-A59 ATAAAAVLA\	19	9

>GATA1-A59' ATAAAAALA\	6	>GATA1-A59' ATAAAAVLA\	11	5
>GATA1-A59' ATAAAAALA\	30	>GATA1-A59' ATAAAAVLA\	46	16
>GATA1-A59' ATAAAAALA\	18	>GATA1-A59' ATAAAAVLA\	18	0
>GATA1-A59' ATAAAAALA	276	>GATA1-A59' ATAAAAVLA	508	232
>GATA1-A59' ATAAAAALA\	463	>GATA1-A59' ATAAAAVLA\	871	408
>GATA1-A59' ATAAAAALA\	121	>GATA1-A59' ATAAAAVLA\	109	12
>GATA1-A59' ATAAAAALA\	11	>GATA1-A59' ATAAAAVLA\	17	6
>GATA1-A59' ATAAAAAL	386	>GATA1-A59' ATAAAAVL	718	332
>GATA1-A59' ATAAAAALA\	722	>GATA1-A59' ATAAAAVLA\	365	357
>GATA1-A59' ATAAAAALA\	370	>GATA1-A59' ATAAAAVLA\	550	180
>GATA1-A59' ATAAAAALA\	134	>GATA1-A59' ATAAAAVLA\	100	34
>GATA1-A59' ATAAAAAL	44	>GATA1-A59' ATAAAAVL	115	71
>GATA1-A59' ATAAAAALA	31	>GATA1-A59' ATAAAAVLA	43	12
>GATA1-A59' ATAAAAAL	339	>GATA1-A59' ATAAAAVL	1518	1179
>GATA1-A59' ATAAAAALA\	29	>GATA1-A59' ATAAAAVLA\	37	8
>GATA1-A59' ATAAAAALA\	110	>GATA1-A59' ATAAAAVLA\	76	34
>GATA1-A59' ATAAAAAL	256	>GATA1-A59' ATAAAAVL	832	576
>GATA1-A59' ATAAAAALA\	67	>GATA1-A59' ATAAAAVLA\	63	4
>GATA1-A59' ATAAAAALA\	99	>GATA1-A59' ATAAAAVLA\	133	34
>GATA1-A59' ATAAAAALA\	201	>GATA1-A59' ATAAAAVLA\	112	89
>GATA1-A59' ATAAAAAL	6	>GATA1-A59' ATAAAAVL	6	0
>GATA1-A59' ATAAAAALA\	3	>GATA1-A59' ATAAAAVLA\	3	0
>GATA1-A59' ATAAAAALA\	3	>GATA1-A59' ATAAAAVLA\	4	1
>GATA1-A59' ATAAAAAL	326	>GATA1-A59' ATAAAAVL	408	82
>GATA1-A59' ATAAAAALA\	449	>GATA1-A59' ATAAAAVLA\	601	152
>GATA1-A59' ATAAAAALA\	384	>GATA1-A59' ATAAAAVLA\	306	78
>GATA1-A59' ATAAAAALA\	81	>GATA1-A59' ATAAAAVLA\	86	5
>GATA1-A59' ATAAAAAL	22	>GATA1-A59' ATAAAAVL	14	8
>GATA1-A59' ATAAAAALA	107	>GATA1-A59' ATAAAAVLA	372	265
>GATA1-A59' ATAAAAALA\	80	>GATA1-A59' ATAAAAVLA\	150	70
>GATA1-A59' ATAAAAAL	490	>GATA1-A59' ATAAAAVL	215	275
>GATA1-A59' ATAAAAALA\	33	>GATA1-A59' ATAAAAVLA\	43	10
>GATA1-A59' ATAAAAALA\	17	>GATA1-A59' ATAAAAVLA\	19	2
>GATA1-A59' ATAAAAALA\	61	>GATA1-A59' ATAAAAVLA\	41	20
>GATA1-A59' ATAAAAALA\	263	>GATA1-A59' ATAAAAVLA\	250	13
>GATA1-A59' ATAAAAALA\	138	>GATA1-A59' ATAAAAVLA\	151	13
>GATA1-A59' ATAAAAAL	222	>GATA1-A59' ATAAAAVL	159	63
>GATA1-A59' TATAAAAA	2787	>GATA1-A59' TATAAAAV	226	2561
>GATA1-A59' TATAAAAAA\	84	>GATA1-A59' TATAAAAV\	154	70
>GATA1-A59' TATAAAAAA\	457	>GATA1-A59' TATAAAAV\	525	68
>GATA1-A59' TATAAAAA	129	>GATA1-A59' TATAAAAV	13	116
>GATA1-A59' TATAAAAAAL	49	>GATA1-A59' TATAAAAVL	153	104
>GATA1-A59' TATAAAAAA\	197	>GATA1-A59' TATAAAAV\	320	123

>GATA1-A59 TATAAAAA	2334	>GATA1-A59 TATAAAAV	47	2287
>GATA1-A59 TATAAAAAAL	359	>GATA1-A59 TATAAAAVL	2091	1732
>GATA1-A59 TATAAAAAAL <sup>A</sup>	291	>GATA1-A59 TATAAAAVL <sup>A</sup>	378	87
>GATA1-A59 TATAAAAAAL <sup>A</sup>	750	>GATA1-A59 TATAAAAVL <sup>A</sup>	462	288
>GATA1-A59 TATAAAAAAL	120	>GATA1-A59 TATAAAAVL	144	24
>GATA1-A59 TATAAAAAAL <sup>A</sup>	45	>GATA1-A59 TATAAAAVL <sup>A</sup>	45	0
>GATA1-A59 TATAAAAAAL	138	>GATA1-A59 TATAAAAVL	647	509
>GATA1-A59 TATAAAAAAL <sup>A</sup>	11	>GATA1-A59 TATAAAAVL <sup>A</sup>	13	2
>GATA1-A59 TATAAAAAAL	58	>GATA1-A59 TATAAAAVL	78	20
>GATA1-A59 TATAAAAAAL	51	>GATA1-A59 TATAAAAVL	41	10
>GATA1-A59 TATAAAAAAL <sup>A</sup>	284	>GATA1-A59 TATAAAAVL <sup>A</sup>	186	98
>GATA1-A59 STATAAAAA	763	>GATA1-A59 STATAAAAV	66	697
>GATA1-A59 STATAAAAAAL	252	>GATA1-A59 STATAAAAVL	516	264
>GATA1-A59 STATAAAAAAL	427	>GATA1-A59 STATAAAAVL	647	220
>GATA1-A59 STATAAAAA	379	>GATA1-A59 STATAAAAV	47	332
>GATA1-A59 STATAAAAAAL	406	>GATA1-A59 STATAAAAVL	1106	700
>GATA1-A59 STATAAAAA	436	>GATA1-A59 STATAAAAV	31	405
>GATA1-A59 STATAAAAA	8098	>GATA1-A59 STATAAAAV	288	7810
>GATA1-A59 STATAAAAA	8980	>GATA1-A59 STATAAAAV	293	8687
>GATA1-A59 STATAAAAA	15585	>GATA1-A59 STATAAAAV	263	15322
>GATA1-A59 STATAAAAAAL	69	>GATA1-A59 STATAAAAVL	150	81
>GATA1-A59 STATAAAAA	14	>GATA1-A59 STATAAAAV	6	8
>GATA1-A59 STATAAAAAAL	36	>GATA1-A59 STATAAAAVL	60	24
>GATA1-A59 STATAAAAAAL	12	>GATA1-A59 STATAAAAVL	14	2
>GATA1-A59 STATAAAAA	177	>GATA1-A59 STATAAAAV	8	169
>GATA1-A59 STATAAAAAAL	52	>GATA1-A59 STATAAAAVL	197	145
>GATA1-A59 STATAAAAAAL	262	>GATA1-A59 STATAAAAVL	398	136
>GATA1-A59 STATAAAAA	3200	>GATA1-A59 STATAAAAV	244	2956
>GATA1-A59 STATAAAAAAL	9	>GATA1-A59 STATAAAAVL	9	0
>GATA1-A59 STATAAAAAAL	122	>GATA1-A59 STATAAAAVL	154	32
>GATA1-A59 STATAAAAA	1777	>GATA1-A59 STATAAAAV	56	1721
>GATA1-A59 STATAAAAAAL	10	>GATA1-A59 STATAAAAVL	8	2
>GATA1-A59 STATAAAAAAL	182	>GATA1-A59 STATAAAAVL	387	205
>GATA1-A59 STATAAAAA	3350	>GATA1-A59 STATAAAAV	394	2956
>GATA1-A59 STATAAAAAAL	93	>GATA1-A59 STATAAAAVL	52	41
>GATA1-A59 STATAAAAAAL	214	>GATA1-A59 STATAAAAVL	107	107
>GATA1-A59 PSTATAAAAA <sup>A</sup>	216	>GATA1-A59 PSTATAAAAV	139	77
>GATA1-A61 AYYRDAEAY	214	>GATA1-A61 DYYRDAEAY	66	148
>GATA1-A61 AYYRDAEAY	69	>GATA1-A61 DYYRDAEAY	198	129
>GATA1-A61 AYYRDAEAY	433	>GATA1-A61 DYYRDAEAY	2135	1702
>GATA1-A61 AYYRDAEAYF	43	>GATA1-A61 DYYRDAEAYF	297	254
>GATA1-A61 AYYRDAEAYF	83	>GATA1-A61 DYYRDAEAYF	20	63
>GATA1-A61 AYYRDAEAYF	1627	>GATA1-A61 DYYRDAEAYF	421	1206

>GATA1-A61 AYYRDAEAY	280	>GATA1-A61 DYYRDAEAY	3116	2836
>GATA1-A61 AYYRDAEAYF	54	>GATA1-A61 DYYRDAEAYF	48	6
>GATA1-A61 LAYYRDAEAY	363	>GATA1-A61 LDYYRDAEAY	2631	2268
>GATA1-A61 LAYYRDAEAY	11	>GATA1-A61 LDYYRDAEAY	793	782
>GATA1-A61 LAYYRDAEAY	26	>GATA1-A61 LDYYRDAEAY	1913	1887
>GATA1-A61 LAYYRDAEAY	6	>GATA1-A61 LDYYRDAEAY	229	223
>GATA1-A61 LAYYRDAEAY	60	>GATA1-A61 LDYYRDAEAY	674	614
>GATA1-A61 LAYYRDAEAY	475	>GATA1-A61 LDYYRDAEAY	2281	1806
>GATA1-A61 LAYYRDAEAY	39	>GATA1-A61 LDYYRDAEAY	491	452
>GATA1-A61 LAYYRDAEAY	14	>GATA1-A61 LDYYRDAEAY	9631	9617
>GATA1-A61 LAYYRDAEAY	326	>GATA1-A61 LDYYRDAEAY	3060	2734
>GATA1-A61 LAYYRDAEAY	306	>GATA1-A61 LDYYRDAEAY	717	411
>GATA1-A61 STATAAAAAAL	427	>GATA1-A61 STATAAAAAAL	17698	17271
>GATA1-A61 STATAAAAAAL	406	>GATA1-A61 STATAAAAAAL	20774	20368
>GATA1-A61 STATAAAAAAL	12	>GATA1-A61 STATAAAAAAL	3495	3483
>GATA1-A61 STATAAAAAAL	262	>GATA1-A61 STATAAAAAAL	13839	13577
>GATA1-A61 STATAAAAAAL	182	>GATA1-A61 STATAAAAAAL	1395	1213
>GATA1-A61 ALAYYRDAEA	3474	>GATA1-A61 ALDYYRDAEA	59	3415
>GATA1-A61 ALAYYRDA	179	>GATA1-A61 ALDYYRDA	2120	1941
>GATA1-A61 ALAYYRDAEA	139	>GATA1-A61 ALDYYRDAEA	652	513
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>GATA1-A61 ALAYYRDA	205	>GATA1-A61 ALDYYRDA	682	477
>GATA1-A61 ALAYYRDAEA	43	>GATA1-A61 ALDYYRDAEA	131	88
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>GATA1-A61 ALAYYRDAEA	269	>GATA1-A61 ALDYYRDAEA	2553	2284
>GATA1-A61 ALAYYRDAEA	402	>GATA1-A61 ALDYYRDAEA	302	100
>GATA1-A61 AAALAYYR	164	>GATA1-A61 AAALDYYR	465	301
>GATA1-A61 AAALAYYR	17	>GATA1-A61 AAALDYYR	24	7
>GATA1-A61 AAALAYYR	22	>GATA1-A61 AAALDYYR	45	23
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>GATA1-A61 AAALAYYR	251	>GATA1-A61 AAALDYYR	332	81
>GATA1-A61 AAAALAYY	270	>GATA1-A61 AAAALDYY	709	439
>GATA1-A61 AAAALAYYR	56	>GATA1-A61 AAAALDYYR	154	98
>GATA1-A61 AAAALAYY	217	>GATA1-A61 AAAALDYY	337	120
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>GATA1-A61 AAAALAYY	28	>GATA1-A61 AAAALDYY	52	24
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>GATA1-A61 AAAALAYY	289	>GATA1-A61 AAAALDYY	681	392
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>GATA1-A61 AAAALAYYR	54	>GATA1-A61 AAAALDYR	46	8
>GATA1-A61 AAAAALAYY	286	>GATA1-A61 AAAAALDYY	598	312
>GATA1-A61 AAAAALAYYF	36	>GATA1-A61 AAAAALDYF	49	13
>GATA1-A61 AAAAALAY	392	>GATA1-A61 AAAAALDY	1491	1099
>GATA1-A61 AAAAALAYY	21	>GATA1-A61 AAAAALDYY	41	20
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>GATA1-A61 AAAAALAYYF	44	>GATA1-A61 AAAAALDYF	101	57
>GATA1-A61 AAAAALAYYF	5	>GATA1-A61 AAAAALDYF	5	0
>GATA1-A61 AAAAALAY	377	>GATA1-A61 AAAAALDY	204	173
>GATA1-A61 AAAAALAY	87	>GATA1-A61 AAAAALDY	372	285
>GATA1-A61 AAAAALAYY	110	>GATA1-A61 AAAAALDYY	381	271
>GATA1-A61 AAAAALAY	148	>GATA1-A61 AAAAALDY	876	728
>GATA1-A61 AAAAALAY	10	>GATA1-A61 AAAAALDY	34	24
>GATA1-A61 AAAAALAYY	8	>GATA1-A61 AAAAALDYY	99	91
>GATA1-A61 AAAAALAY	28	>GATA1-A61 AAAAALDY	180	152
>GATA1-A61 AAAAALAYY	365	>GATA1-A61 AAAAALDYY	409	44
>GATA1-A61 AAAAALAYY	103	>GATA1-A61 AAAAALDYY	337	234
>GATA1-A61 AAAAALAY	54	>GATA1-A61 AAAAALDY	1097	1043
>GATA1-A61 AAAAALAYY	142	>GATA1-A61 AAAAALDYY	610	468
>GATA1-A61 AAAAALAYY	465	>GATA1-A61 AAAAALDYY	669	204
>GATA1-A61 AAAAALAYYF	235	>GATA1-A61 AAAAALDYF	287	52
>GATA1-A61 TAAAAALAYY	100	>GATA1-A61 TAAAAALDYY	116	16
>GATA1-A61 TAAAAALAYY	454	>GATA1-A61 TAAAAALDYY	682	228
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>GATA1-A61 TAAAAALAYY	473	>GATA1-A61 TAAAAALDYY	2701	2228
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>GATA1-A61 TAAAAALAYY	191	>GATA1-A61 TAAAAALDYY	847	656
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>GATA1-A61 TAAAAALAYY	19	>GATA1-A61 TAAAAALDYY	61	42
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>GATA1-A61 TAAAAALA	33	>GATA1-A61 TAAAAALD	8391	8358
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>GATA1-A61 TAAAAALAY	8	>GATA1-A61 TAAAAALDY	33	25
>GATA1-A61 TAAAAALAYY	348	>GATA1-A61 TAAAAALDYY	645	297
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>GATA1-A61 ATAAAAALA\	67	>GATA1-A61 ATAAAAALD\	63	4
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>GATA1-A61 ATAAAAALA\	265	>GATA1-A61 ATAAAAALD\	1600	1335
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>GATA1-A61 ATAAAAALA\	35	>GATA1-A61 ATAAAAALD\	56	21
>GATA1-A61 ATAAAAALA\	418	>GATA1-A61 ATAAAAALD\	502	84
>GATA1-A61 ATAAAAALA\	86	>GATA1-A61 ATAAAAALD\	514	428
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>GATA1-A61 ATAAAAALA\	6	>GATA1-A61 ATAAAAALD\	8	2
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>GATA1-A61 ATAAAAALA\	18	>GATA1-A61 ATAAAAALD\	40	22
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>GATA1-A61 ATAAAAALA\	370	>GATA1-A61 ATAAAAALD\	886	516
>GATA1-A61 ATAAAAALA\	134	>GATA1-A61 ATAAAAALD\	233	99
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>GATA1-A61 ATAAAAALA\	67	>GATA1-A61 ATAAAAALD\	188	121
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>GATA1-A61 ATAAAAALA\	201	>GATA1-A61 ATAAAAALD\	898	697
>GATA1-A61 ATAAAAALA\	3	>GATA1-A61 ATAAAAALD\	4	1
>GATA1-A61 ATAAAAALA\	3	>GATA1-A61 ATAAAAALD\	7	4
>GATA1-A61 ATAAAAALA\	449	>GATA1-A61 ATAAAAALD\	1147	698
>GATA1-A61 ATAAAAALA\	384	>GATA1-A61 ATAAAAALD\	842	458
>GATA1-A61 ATAAAAALA\	81	>GATA1-A61 ATAAAAALD\	175	94
>GATA1-A61 ATAAAAALA	107	>GATA1-A61 ATAAAAALD	966	859
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>GATA1-A61 ATAAAAALA\	33	>GATA1-A61 ATAAAAALD\	32	1
>GATA1-A61 ATAAAAALA\	17	>GATA1-A61 ATAAAAALD\	27	10
>GATA1-A61 ATAAAAALA\	61	>GATA1-A61 ATAAAAALD\	1807	1746
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>GATA1-A61 ATAAAAALA\	138	>GATA1-A61 ATAAAAALD\	186	48
>GATA1-A61 TATAAAAAALA	84	>GATA1-A61 TATAAAAAALE	88	4
>GATA1-A61 TATAAAAAALA	457	>GATA1-A61 TATAAAAAALE	784	327
>GATA1-A61 TATAAAAAALA	197	>GATA1-A61 TATAAAAAALE	26529	26332
>GATA1-A61 TATAAAAAALA	291	>GATA1-A61 TATAAAAAALE	155	136
>GATA1-A61 TATAAAAAALA	45	>GATA1-A61 TATAAAAAALE	84	39
>GATA1-A61 TATAAAAAALA	11	>GATA1-A61 TATAAAAAALE	41	30
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>GATA1-E2G EFPGLGSL	273	>GATA1-E2G GFPGLGSL	75	198
>GATA1-E2G EFPGLGSL	480	>GATA1-E2G GFPGLGSL	3625	3145
>GATA1-E2G MEFPGLGSL	33	>GATA1-E2G MGFPGLGSL	16732	16699
>GATA1-E2G MEFPGLGSL	1321	>GATA1-E2G MGFPGLGSL	464	857
>GATA1-E2G MEFPGLGSL	233	>GATA1-E2G MGFPGLGSL	289	56
>GATA1-E2G MEFPGLGSL	5205	>GATA1-E2G MGFPGLGSL	479	4726
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>GATA1-E2G MEFPGLGSL	17	>GATA1-E2G MGFPGLGSL	16382	16365
>GATA1-E2G MEFPGLGSL	8	>GATA1-E2G MGFPGLGSL	18739	18731
>GATA1-E2G MEFPGLGSL	34	>GATA1-E2G MGFPGLGSL	30456	30422
>GATA1-E2G MEFPGLGSLC	96	>GATA1-E2G MGFPGLGSLC	36948	36852
>GATA1-E2G MEFPGLGSL	409	>GATA1-E2G MGFPGLGSL	38928	38519
>GATA1-E2G MEFPGLGSLC	416	>GATA1-E2G MGFPGLGSLC	26473	26057
>GATA1-E2G MEFPGLGSLC	171	>GATA1-E2G MGFPGLGSLC	38584	38413
>GATA1-E2G MEFPGLGSL	2012	>GATA1-E2G MGFPGLGSL	287	1725
>GATA1-E2G MEFPGLGSL	9	>GATA1-E2G MGFPGLGSL	16792	16783
>GATA1-E2G MEFPGLGSLC	80	>GATA1-E2G MGFPGLGSLC	34893	34813
>GATA1-E2G MEFPGLGSL	632	>GATA1-E2G MGFPGLGSL	363	269
>GATA1-E2G MEFPGLGSL	411	>GATA1-E2G MGFPGLGSL	55	356



>GATA1-M1I MEFPGLGSL	33	>GATA1-M1I IEFPLGSL	40	7
>GATA1-M1I MEFPGLGSL	233	>GATA1-M1I IEFPLGSL	1021	788
>GATA1-M1I MEFPGLGSL	17	>GATA1-M1I IEFPLGSL	28	11
>GATA1-M1I MEFPGLGSL	8	>GATA1-M1I IEFPLGSL	10	2
>GATA1-M1I MEFPGLGSL	34	>GATA1-M1I IEFPLGSL	70	36
>GATA1-M1I MEFPGLGSLC	96	>GATA1-M1I IEFPLGSLGT	256	160
>GATA1-M1I MEFPGLGSL	409	>GATA1-M1I IEFPLGSL	2207	1798
>GATA1-M1I MEFPGLGSLC	416	>GATA1-M1I IEFPLGSLG	1475	1059
>GATA1-M1I MEFPGLGSLC	171	>GATA1-M1I IEFPLGSLGT	4861	4690
>GATA1-M1I MEFPGLGSL	9	>GATA1-M1I IEFPLGSL	10	1
>GATA1-M1I MEFPGLGSLC	80	>GATA1-M1I IEFPLGSLGT	104	24
>GATA1-M1I MEFPGLGSL	411	>GATA1-M1I IEFPLGSL	1104	693
>GATA1-M1I MEFPGLGSL	33	>GATA1-M1I NEFPGLGSL	33	0
>GATA1-M1I MEFPGLGSL	233	>GATA1-M1I NEFPGLGSL	1874	1641
>GATA1-M1I MEFPGLGS	650	>GATA1-M1I NEFPGLGS	418	232
>GATA1-M1I MEFPGLGSL	17	>GATA1-M1I NEFPGLGSL	14	3
>GATA1-M1I MEFPGLGSLC	616	>GATA1-M1I NEFPGLGSLG	403	213
>GATA1-M1I MEFPGLGSL	8	>GATA1-M1I NEFPGLGSL	35	27
>GATA1-M1I MEFPGLGSL	34	>GATA1-M1I NEFPGLGSL	174	140
>GATA1-M1I MEFPGLGSLC	96	>GATA1-M1I NEFPGLGSLG	641	545
>GATA1-M1I MEFPGLGSL	409	>GATA1-M1I NEFPGLGSL	863	454
>GATA1-M1I MEFPGLGSLC	416	>GATA1-M1I NEFPGLGSLG	1417	1001
>GATA1-M1I MEFPGLGSLC	171	>GATA1-M1I NEFPGLGSLG	915	744
>GATA1-M1I MEFPGLGSL	9	>GATA1-M1I NEFPGLGSL	35	26
>GATA1-M1I MEFPGLGSLC	80	>GATA1-M1I NEFPGLGSLG	588	508
>GATA1-M1I MEFPGLGSL	411	>GATA1-M1I NEFPGLGSL	2998	2587
>GATA1-M1I MEFPGLGSL	33	>GATA1-M1I VEFPLGSL	64	31
>GATA1-M1I MEFPGLGSL	233	>GATA1-M1I VEFPLGSL	1099	866
>GATA1-M1I MEFPGLGSL	17	>GATA1-M1I VEFPLGSL	68	51
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>GATA1-M1I MEFPGLGSL	34	>GATA1-M1I VEFPLGSL	65	31
>GATA1-M1I MEFPGLGSLC	96	>GATA1-M1I VEFPLGSLG	222	126
>GATA1-M1I MEFPGLGSL	409	>GATA1-M1I VEFPLGSL	1736	1327
>GATA1-M1I MEFPGLGSLC	416	>GATA1-M1I VEFPLGSLG	1685	1269
>GATA1-M1I MEFPGLGSLC	171	>GATA1-M1I VEFPLGSLG	2987	2816
>GATA1-M1I MEFPGLGSL	9	>GATA1-M1I VEFPLGSL	13	4
>GATA1-M1I MEFPGLGSLC	80	>GATA1-M1I VEFPLGSLG	189	109
>GATA1-M1I MEFPGLGSL	411	>GATA1-M1I VEFPLGSL	2149	1738
>GATA1-Q76 QVYPLLNCM	103	>GATA1-Q76 EVYPLLNCM	633	530
>GATA1-Q76 QVYPLLNCM	9923	>GATA1-Q76 EVYPLLNCM	322	9601
>GATA1-Q76 QVYPLLNCM	22	>GATA1-Q76 EVYPLLNCM	4	18
>GATA1-Q76 QVYPLLNCM	378	>GATA1-Q76 EVYPLLNCM	44	334
>GATA1-Q76 QVYPLLNCM	1133	>GATA1-Q76 EVYPLLNCM	131	1002

>GATA1-Q76 QVYPLLNCM	1217	>GATA1-Q76 EVYPLLNCM	112	1105
>GATA1-Q76 QVYPLLNCM	743	>GATA1-Q76 EVYPLLNCM	459	284
>GATA1-Q76 QVYPLLNCM	272	>GATA1-Q76 EVYPLLNCM	1289	1017
>GATA1-Q76 FQVYPLLNCM	15509	>GATA1-Q76 FEVYPLLNCM	142	15367
>GATA1-Q76 FQVYPLLNCM	5386	>GATA1-Q76 FEVYPLLNCM	197	5189
>GATA1-Q76 FQVYPLLNC	69	>GATA1-Q76 FEVYPLLNC	5814	5745
>GATA1-Q76 FQVYPLLNCM	115	>GATA1-Q76 FEVYPLLNCM	2940	2825
>GATA1-Q76 FQVYPLLNCM	145	>GATA1-Q76 FEVYPLLNCM	941	796
>GATA1-Q76 FQVYPLLNCM	136	>GATA1-Q76 FEVYPLLNCM	5874	5738
>GATA1-Q76 FQVYPLLNCM	19	>GATA1-Q76 FEVYPLLNCM	522	503
>GATA1-Q76 FQVYPLLNCM	313	>GATA1-Q76 FEVYPLLNCM	3052	2739
>GATA1-Q76 FQVYPLLNCM	25402	>GATA1-Q76 FEVYPLLNCM	395	25007
>GATA1-Q76 FQVYPLLNC	13614	>GATA1-Q76 FEVYPLLNC	307	13307
>GATA1-Q76 FQVYPLLNCM	5938	>GATA1-Q76 FEVYPLLNCM	39	5899
>GATA1-Q76 AEAYRHSPVF	230	>GATA1-Q76 AEAYRHSPVF	337	107
>GATA1-Q76 VFQVYPLL	81	>GATA1-Q76 VFEVYPLL	530	449
>GATA1-Q76 VFQVYPLL	94	>GATA1-Q76 VFEVYPLL	450	356
>GATA1-Q76 VFQVYPLL	297	>GATA1-Q76 VFEVYPLL	1222	925
>GATA1-Q76 VFQVYPLL	291	>GATA1-Q76 VFEVYPLL	2350	2059
>GATA1-Q76 PVFQVYPLL	117	>GATA1-Q76 PVFEVYPLL	127	10
>GATA1-Q76 PVFQVYPL	640	>GATA1-Q76 PVFEVYPL	223	417
>GATA1-Q76 PVFQVYPL	2148	>GATA1-Q76 PVFEVYPL	438	1710
>GATA1-Q76 PVFQVYPLL	2721	>GATA1-Q76 PVFEVYPLL	419	2302
>GATA1-Q76 PVFQVYPL	496	>GATA1-Q76 PVFEVYPL	88	408
>GATA1-Q76 PVFQVYPLL	1099	>GATA1-Q76 PVFEVYPLL	128	971
>GATA1-Q76 PVFQVYPLL	961	>GATA1-Q76 PVFEVYPLL	199	762
>GATA1-Q76 PVFQVYPL	228	>GATA1-Q76 PVFEVYPL	224	4
>GATA1-Q76 PVFQVYPL	346	>GATA1-Q76 PVFEVYPL	149	197
>GATA1-Q76 PVFQVYPL	1515	>GATA1-Q76 PVFEVYPL	348	1167
>GATA1-Q76 PVFQVYPLL	1654	>GATA1-Q76 PVFEVYPLL	271	1383
>GATA1-Q76 SPVFQVYPLL	253	>GATA1-Q76 SPVFEVYPLL	682	429
>GATA1-Q76 SPVFQVYPL	38	>GATA1-Q76 SPVFEVYPL	92	54
>GATA1-Q76 SPVFQVYPLL	191	>GATA1-Q76 SPVFEVYPLL	573	382
>GATA1-Q76 SPVFQVYPL	36	>GATA1-Q76 SPVFEVYPL	39	3
>GATA1-Q76 SPVFQVYPL	77	>GATA1-Q76 SPVFEVYPL	70	7
>GATA1-Q76 SPVFQVYPLL	473	>GATA1-Q76 SPVFEVYPLL	422	51
>GATA1-Q76 SPVFQVYPL	368	>GATA1-Q76 SPVFEVYPL	248	120
>GATA1-Q76 SPVFQVYPL	34	>GATA1-Q76 SPVFEVYPL	67	33
>GATA1-Q76 HSPVFQVYPL	95	>GATA1-Q76 HSPVFEVYPL	100	5
>GATA1-Q76 HSPVFQVY	401	>GATA1-Q76 HSPVFEVY	562	161
>GATA1-Q76 HSPVFQVYPL	298	>GATA1-Q76 HSPVFEVYPL	457	159
>GATA1-Q76 HSPVFQVYPL	492	>GATA1-Q76 HSPVFEVYPL	435	57
>GATA1-Q76 HSPVFQVY	458	>GATA1-Q76 HSPVFEVY	906	448

>GATA1-Q76 HSPVFQVY	330	>GATA1-Q76 HSPVFEVY	874	544
>GATA1-Q76 HSPVFQVY	137	>GATA1-Q76 HSPVFEVY	246	109
>GATA1-Q76 HSPVFQVYPL	6	>GATA1-Q76 HSPVFEVYPL	7	1
>GATA1-Q76 HSPVFQVYPL	3	>GATA1-Q76 HSPVFEVYPL	4	1
>GATA1-Q76 HSPVFQVY	239	>GATA1-Q76 HSPVFEVY	548	309
>GATA1-Q76 RHSPVFQVY	212	>GATA1-Q76 RHSPVFEVY	236	24
>GATA1-Q76 RHSPVFQVY	16	>GATA1-Q76 RHSPVFEVY	50	34
>GATA1-Q76 RHSPVFQVYF	106	>GATA1-Q76 RHSPVFEVYP	150	44
>GATA1-Q76 RHSPVFQVYF	32	>GATA1-Q76 RHSPVFEVYP	38	6
>GATA1-Q76 RHSPVFQVY	370	>GATA1-Q76 RHSPVFEVY	300	70
>GATA1-Q76 RHSPVFQVY	444	>GATA1-Q76 RHSPVFEVY	1220	776
>GATA1-Q76 RHSPVFQVY	159	>GATA1-Q76 RHSPVFEVY	69	90
>GATA1-Q76 RHSPVFQVYF	661	>GATA1-Q76 RHSPVFEVYP	363	298
>GATA1-Q76 YRHSPVFQV	55	>GATA1-Q76 YRHSPFEV	46	9
>GATA1-Q76 YRHSPVFQV	163	>GATA1-Q76 YRHSPFEV	189	26
>GATA1-Q76 YRHSPVFQVY	323	>GATA1-Q76 YRHSPVFEVY	579	256
>GATA1-Q76 YRHSPVFQV	123	>GATA1-Q76 YRHSPFEV	53	70
>GATA1-Q76 YRHSPVFQVY	6	>GATA1-Q76 YRHSPVFEVY	9	3
>GATA1-Q76 YRHSPVFQV	124	>GATA1-Q76 YRHSPFEV	186	62
>GATA1-Q76 YRHSPVFQVY	45	>GATA1-Q76 YRHSPVFEVY	117	72
>GATA1-Q76 YRHSPVFQV	188	>GATA1-Q76 YRHSPFEV	207	19
>GATA1-Q76 AYRHSPVFQ\	366	>GATA1-Q76 AYRHSPFEV	364	2
>GATA1-Q76 AYRHSPVFQ	8	>GATA1-Q76 AYRHSPFE	34	26
>GATA1-Q76 AYRHSPVFQ\	11	>GATA1-Q76 AYRHSPFEV	10	1
>GATA1-Q76 AYRHSPVFQ\	15	>GATA1-Q76 AYRHSPFEV	86	71
>GATA1-Q76 AYRHSPVFQ\	364	>GATA1-Q76 AYRHSPFEV	371	7
>GATA1-Q76 AYRHSPVFQ\	55	>GATA1-Q76 AYRHSPFEV	97	42
>GATA1-Q76 EAYRHSPVFC	1038	>GATA1-Q76 EAYRHSPFE	420	618
>GATA1-Q76 EAYRHSPVFC	88	>GATA1-Q76 EAYRHSPFE	76	12
>GATA1-Q76 EAYRHSPVFC	190	>GATA1-Q76 EAYRHSPFE	204	14
>GATA1-Q76 EAYRHSPVFC	37	>GATA1-Q76 EAYRHSPFE	25	12
>GATA1-Q76 EAYRHSPVFC	4	>GATA1-Q76 EAYRHSPFE	4	0
>GATA1-S26ISTPESGVFF	1131	>GATA1-S26IFTPESGVFF	51	1080
>GATA1-S26ISTPESGVFFP	721	>GATA1-S26IFTPESGVFFP	64	657
>GATA1-S26ISTPESGVF	812	>GATA1-S26IFTPESGVF	113	699
>GATA1-S26ISTPESGVFF	483	>GATA1-S26IFTPESGVFF	63	420
>GATA1-S26ISTPESGVF	714	>GATA1-S26IFTPESGVF	136	578
>GATA1-S26ISTPESGVFF	1916	>GATA1-S26IFTPESGVFF	356	1560
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>GATA1-S26ISTPESGVFF	95	>GATA1-S26IFTPESGVFF	156	61
>GATA1-S26ISTPESGVFF	153	>GATA1-S26IFTPESGVFF	109	44
>GATA1-S26ISTPESGVFFP	114	>GATA1-S26IFTPESGVFFP	40	74
>GATA1-S26ISTPESGVF	434	>GATA1-S26IFTPESGVF	203	231

>GATA1-S26ISTPESGVF	1487	>GATA1-S26IFTPESGVF	365	1122
>GATA1-S26ISTPESGVFF	321	>GATA1-S26IFTPESGVFF	59	262
>GATA1-S26ISTPESGVF	63	>GATA1-S26IFTPESGVF	29	34
>GATA1-S26ISTPESGVFF	23	>GATA1-S26IFTPESGVFF	12	11
>GATA1-S26ISTPESGVF	18	>GATA1-S26IFTPESGVF	5	13
>GATA1-S26ISTPESGVFF	2	>GATA1-S26IFTPESGVFF	2	0
>GATA1-S26ISTPESGVFFP	17	>GATA1-S26IFTPESGVFFP	20	3
>GATA1-S26ISTPESGVFFP	15	>GATA1-S26IFTPESGVFFP	17	2
>GATA1-S26ISTPESGVF	2492	>GATA1-S26IFTPESGVF	350	2142
>GATA1-S26ISSTPESGV	3347	>GATA1-S26ISFTPESGV	499	2848
>GATA1-S26ISSTPESGVFF	5228	>GATA1-S26ISFTPESGVFF	309	4919
>GATA1-S26ISSTPESGVF	3028	>GATA1-S26ISFTPESGVF	10	3018
>GATA1-S26ISSTPESGVFF	2691	>GATA1-S26ISFTPESGVFF	9	2682
>GATA1-S26ISSTPESGVFF	1254	>GATA1-S26ISFTPESGVFF	247	1007
>GATA1-S26ISSTPESGV	316	>GATA1-S26ISFTPESGV	9745	9429
>GATA1-S26ISSTPESGVF	373	>GATA1-S26ISFTPESGVF	3688	3315
>GATA1-S26ISSTPESGVFF	112	>GATA1-S26ISFTPESGVFF	1889	1777
>GATA1-S26ISSTPESGVF	7	>GATA1-S26ISFTPESGVF	19380	19373
>GATA1-S26ISSTPESGVFF	5	>GATA1-S26ISFTPESGVFF	18637	18632
>GATA1-S26ISSTPESGVF	359	>GATA1-S26ISFTPESGVF	16146	15787
>GATA1-S26ISSTPESGVFF	479	>GATA1-S26ISFTPESGVFF	16557	16078
>GATA1-S26ISSTPESGVF	421	>GATA1-S26ISFTPESGVF	17404	16983
>GATA1-S26ISSTPESGVFF	40	>GATA1-S26ISFTPESGVFF	3607	3567
>GATA1-S26ISSTPESGVF	27	>GATA1-S26ISFTPESGVF	955	928
>GATA1-S26ISSTPESGVFF	28	>GATA1-S26ISFTPESGVFF	664	636
>GATA1-S26ISSTPESGVFF	24119	>GATA1-S26ISFTPESGVFF	460	23659
>GATA1-S26ISSTPESGVFFI	20627	>GATA1-S26ISFTPESGVFFI	390	20237
>GATA1-S26IPQFVDPALVS	14866	>GATA1-S26IPQFVDPALVS	368	14498
>GATA1-S26IPQFVDPALVS	2301	>GATA1-S26IPQFVDPALVS	6	2295
>GATA1-S26IVSSTPESGV	9449	>GATA1-S26IVSFTPESGV	496	8953
>GATA1-S26IVSSTPESGV	1092	>GATA1-S26IVSFTPESGV	186	906
>GATA1-S26IVSSTPESGVF	401	>GATA1-S26IVSFTPESGVF	147	254
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>GATA1-S26IVSSTPESGV	3310	>GATA1-S26IVSFTPESGV	437	2873
>GATA1-S26IVSSTPESGVF	110	>GATA1-S26IVSFTPESGVF	13	97
>GATA1-S26IVSSTPESGVFI	23	>GATA1-S26IVSFTPESGVFI	4	19
>GATA1-S26IVSSTPESGV	883	>GATA1-S26IVSFTPESGV	129	754
>GATA1-S26IVSSTPESGVF	8	>GATA1-S26IVSFTPESGVF	4	4
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>GATA1-S26IVSSTPESGVFI	1080	>GATA1-S26IVSFTPESGVFI	217	863
>GATA1-S26IVSSTPESGVF	157	>GATA1-S26IVSFTPESGVF	130	27
>GATA1-S26IVSSTPESGVFI	212	>GATA1-S26IVSFTPESGVFI	164	48

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>GATA1-S26IVSSTPESGVF	27	>GATA1-S26IVSFTPESGVF	55	28
>GATA1-S26IVSSTPESGVFI	33	>GATA1-S26IVSFTPESGVFI	12	21
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>GATA1-S26ILVSSTPESGV	62	>GATA1-S26ILVSFTPESGV	182	120
>GATA1-S26ILVSSTPESGV	441	>GATA1-S26ILVSFTPESGV	428	13
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>GATA1-S26ILVSSTPESGV	262	>GATA1-S26ILVSFTPESGV	219	43
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>GATA1-S26ILVSSTPESGV	211	>GATA1-S26ILVSFTPESGV	92	119
>GATA1-S26ILVSSTPESGVI	52	>GATA1-S26ILVSFTPESGVI	68	16
>GATA1-S26ILVSSTPESGVI	190	>GATA1-S26ILVSFTPESGVI	635	445
>GATA1-S26ILVSSTPESGVI	336	>GATA1-S26ILVSFTPESGVI	426	90
>GATA1-S26ILVSSTPESGVI	255	>GATA1-S26ILVSFTPESGVI	371	116
>GATA1-S26ILVSSTPESGVI	236	>GATA1-S26ILVSFTPESGVI	571	335
>GATA1-S26ILVSSTPESGVI	50	>GATA1-S26ILVSFTPESGVI	89	39
>GATA1-S26IALVSSTPESG\	117	>GATA1-S26IALVSFTPESG\	65	52
>GATA1-S26IALVSSTPES	1067	>GATA1-S26IALVSFTPES	191	876
>GATA1-S26IALVSSTPESG\	23	>GATA1-S26IALVSFTPESG\	16	7
>GATA1-S26IALVSSTPESG\	7	>GATA1-S26IALVSFTPESG\	7	0
>GATA1-S26IALVSSTPESG\	45	>GATA1-S26IALVSFTPESG\	36	9
>GATA1-S26IALVSSTPES	1522	>GATA1-S26IALVSFTPES	445	1077
>GATA1-S26IALVSSTPESG\	4	>GATA1-S26IALVSFTPESG\	3	1
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>GATA1-S26IALVSSTPESG\	8	>GATA1-S26IALVSFTPESG\	8	0
>GATA1-S26IALVSSTPESG\	18	>GATA1-S26IALVSFTPESG\	14	4
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>GATA1-S26IALVSSTPESG\	2	>GATA1-S26IALVSFTPESG\	2	0
>GATA1-S26IDPALVSSTPE!	497	>GATA1-S26IDPALVSFTPE!	384	113
>GATA1-S26IFVDPALVSST	338	>GATA1-S26IFVDPALVSFT	514	176
>GATA1-S26IFVDPALVSS	27	>GATA1-S26IFVDPALVSF	11	16
>GATA1-S26IFVDPALVSST	188	>GATA1-S26IFVDPALVSFT	183	5
>GATA1-S26IFVDPALVSST	869	>GATA1-S26IFVDPALVSFT	274	595
>GATA1-S26IFVDPALVSST	650	>GATA1-S26IFVDPALVSFT	375	275
>GATA1-S26IFVDPALVSS	23029	>GATA1-S26IFVDPALVSF	189	22840
>GATA1-S26IFVDPALVSS	20323	>GATA1-S26IFVDPALVSF	480	19843
>GATA1-S26IFVDPALVSS	21288	>GATA1-S26IFVDPALVSF	55	21233
>GATA1-S26IFVDPALVSS	7124	>GATA1-S26IFVDPALVSF	81	7043
>GATA1-S26IQFVDPALVSS	34182	>GATA1-S26IQFVDPALVSF	99	34083
>GATA1-S26IQFVDPALVSS	18502	>GATA1-S26IQFVDPALVSF	40	18462
>GATA1-T11ITSEPLPQFV	337	>GATA1-T11INSEPLPQFV	469	132
>GATA1-T11ITSEPLPQF	7	>GATA1-T11INSEPLPQF	34	27

>GATA1-T11 GTSEPLPQFV	240	>GATA1-T11 GNSEPLPQFV	2267	2027
>GATA1-T11 GTSEPLPQFV	193	>GATA1-T11 GNSEPLPQFV	4299	4106
>GATA1-T11 GTSEPLPQFV	12	>GATA1-T11 GNSEPLPQFV	1740	1728
>GATA1-T11 GTSEPLPQFV	113	>GATA1-T11 GNSEPLPQFV	10339	10226
>GATA1-T11 GTSEPLPQFV	21	>GATA1-T11 GNSEPLPQFV	2466	2445
>GATA1-T11 GTSEPLPQFV	68	>GATA1-T11 GNSEPLPQFV	5550	5482
>GATA1-T11 GTSEPLPQF	77	>GATA1-T11 GNSEPLPQF	17064	16987
>GATA1-T11 GTSEPLPQFV	481	>GATA1-T11 GNSEPLPQFV	13405	12924
>GATA1-T11 GTSEPLPQFV	121	>GATA1-T11 GNSEPLPQFV	10763	10642
>GATA1-T11 GTSEPLPQF	5	>GATA1-T11 GNSEPLPQF	7802	7797
>GATA1-T11 GTSEPLPQF	247	>GATA1-T11 GNSEPLPQF	18947	18700
>GATA1-T11 GTSEPLPQF	24	>GATA1-T11 GNSEPLPQF	1075	1051
>GATA1-T11 GTSEPLPQFV	114	>GATA1-T11 GNSEPLPQFV	14853	14739
>GATA1-T11 MEFPGLGSLC	96	>GATA1-T11 MEFPGLGSLC	1671	1575
>GATA1-T11 MEFPGLGSLC	171	>GATA1-T11 MEFPGLGSLC	2068	1897
>GATA1-T11 MEFPGLGSLC	80	>GATA1-T11 MEFPGLGSLC	723	643
>GATA1-T11 LGTSEPLPQF	887	>GATA1-T11 LGNSEPLPQF	479	408
>GATA1-T11 LGTSEPLPQF	280	>GATA1-T11 LGNSEPLPQF	1741	1461
>GATA1-T11 SLGTSEPL	315	>GATA1-T11 SLGNSEPL	264	51
>GATA1-T11 SLGTSEPL	37	>GATA1-T11 SLGNSEPL	45	8
>GATA1-T11 SLGTSEPL	485	>GATA1-T11 SLGNSEPL	407	78
>GATA1-T11 SLGTSEPL	34	>GATA1-T11 SLGNSEPL	14	20
>GATA1-T11 SLGTSEPL	48	>GATA1-T11 SLGNSEPL	22	26
>GATA1-T11 SLGTSEPL	25	>GATA1-T11 SLGNSEPL	15	10
>GATA1-T11 SLGTSEPL	323	>GATA1-T11 SLGNSEPL	208	115
>GATA1-T11 SLGTSEPL	10	>GATA1-T11 SLGNSEPL	6	4
>GATA1-T11 SLGTSEPLPQI	760	>GATA1-T11 SLGNSEPLPQ	496	264
>GATA1-T11 SLGTSEPLPQI	677	>GATA1-T11 SLGNSEPLPQ	310	367
>GATA1-T11 GSLGTSEPL	13718	>GATA1-T11 GSLGNSEPL	35	13683
>GATA1-T11 GSLGTSEPL	199	>GATA1-T11 GSLGNSEPL	230	31
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>GATA1-T11 GLGSLGTSEP	20	>GATA1-T11 GLGSLGNSEP	21	1
>GATA1-T11 GLGSLGTSEP	192	>GATA1-T11 GLGSLGNSEP	313	121
>GATA1-T11 GLGSLGTSEP	27	>GATA1-T11 GLGSLGNSEP	31	4
>GATA1-T11 GLGSLGTSEP	31	>GATA1-T11 GLGSLGNSEP	23	8
>GATA1-T11 GLGSLGTSEP	27	>GATA1-T11 GLGSLGNSEP	38	11
>GATA1-T11 GLGSLGTSEP	15	>GATA1-T11 GLGSLGNSEP	21	6
>GATA1-T11 GLGSLGTSEP	455	>GATA1-T11 GLGSLGNSEP	659	204
>GATA1-V74 VFQVYPLL	81	>GATA1-V74 DFQVYPLL	4457	4376
>GATA1-V74 VFQVYPLL	94	>GATA1-V74 DFQVYPLL	1096	1002
>GATA1-V74 VFQVYPLL	297	>GATA1-V74 DFQVYPLL	1316	1019
>GATA1-V74 VFQVYPLL	291	>GATA1-V74 DFQVYPLL	3893	3602

>GATA1-V74 PVFQVYPLL	117	>GATA1-V74 PDFQVYPLL	3574	3457
>GATA1-V74 PVFQVYPL	496	>GATA1-V74 PDFQVYPL	18977	18481
>GATA1-V74 PVFQVYPL	228	>GATA1-V74 PDFQVYPL	12854	12626
>GATA1-V74 PVFQVYPL	346	>GATA1-V74 PDFQVYPL	17997	17651
>GATA1-V74 SPVFQVYPLL	253	>GATA1-V74 SPDFQVYPLL	620	367
>GATA1-V74 SPVFQVYPL	38	>GATA1-V74 SPDFQVYPL	116	78
>GATA1-V74 SPVFQVYPLL	191	>GATA1-V74 SPDFQVYPLL	373	182
>GATA1-V74 SPVFQVYPL	36	>GATA1-V74 SPDFQVYPL	126	90
>GATA1-V74 SPVFQVYPL	77	>GATA1-V74 SPDFQVYPL	84	7
>GATA1-V74 SPVFQVYPLL	473	>GATA1-V74 SPDFQVYPLL	494	21
>GATA1-V74 SPVFQVYPL	368	>GATA1-V74 SPDFQVYPL	523	155
>GATA1-V74 SPVFQVYPL	34	>GATA1-V74 SPDFQVYPL	184	150
>GATA1-V74 HSPVFQVYPL	95	>GATA1-V74 HSPDFQVYPL	120	25
>GATA1-V74 HSPVFQVY	755	>GATA1-V74 HSPDFQVY	155	600
>GATA1-V74 HSPVFQVY	401	>GATA1-V74 HSPDFQVY	399	2
>GATA1-V74 HSPVFQVYPL	298	>GATA1-V74 HSPDFQVYPL	217	81
>GATA1-V74 HSPVFQVYPL	492	>GATA1-V74 HSPDFQVYPL	173	319
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>GATA1-V74 HSPVFQVY	330	>GATA1-V74 HSPDFQVY	277	53
>GATA1-V74 HSPVFQVY	137	>GATA1-V74 HSPDFQVY	684	547
>GATA1-V74 HSPVFQVYP	675	>GATA1-V74 HSPDFQVYP	385	290
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>GATA1-V74 HSPVFQVYPL	3	>GATA1-V74 HSPDFQVYPL	3	0
>GATA1-V74 HSPVFQVY	239	>GATA1-V74 HSPDFQVY	467	228
>GATA1-V74 RHSPVFQVY	212	>GATA1-V74 RHSPDFQVY	191	21
>GATA1-V74 RHSPVFQVY	16	>GATA1-V74 RHSPDFQVY	11	5
>GATA1-V74 RHSPVFQVYF	106	>GATA1-V74 RHSPDFQVYF	82	24
>GATA1-V74 RHSPVFQVYF	32	>GATA1-V74 RHSPDFQVYF	43	11
>GATA1-V74 RHSPVFQVY	370	>GATA1-V74 RHSPDFQVY	1471	1101
>GATA1-V74 RHSPVFQVY	444	>GATA1-V74 RHSPDFQVY	4146	3702
>GATA1-V74 RHSPVFQVY	159	>GATA1-V74 RHSPDFQVY	97	62
>GATA1-V74 YRHSPVFQV	55	>GATA1-V74 YRHSPDFQV	712	657
>GATA1-V74 YRHSPVFQV	163	>GATA1-V74 YRHSPDFQV	934	771
>GATA1-V74 YRHSPVFQVY	323	>GATA1-V74 YRHSPDFQVY	205	118
>GATA1-V74 YRHSPVFQV	123	>GATA1-V74 YRHSPDFQV	848	725
>GATA1-V74 YRHSPVFQVY	6	>GATA1-V74 YRHSPDFQVY	11	5
>GATA1-V74 YRHSPVFQV	124	>GATA1-V74 YRHSPDFQV	466	342
>GATA1-V74 YRHSPVFQVY	45	>GATA1-V74 YRHSPDFQVY	99	54
>GATA1-V74 YRHSPVFQV	188	>GATA1-V74 YRHSPDFQV	1266	1078
>GATA1-V74 AYRHSPVF	134	>GATA1-V74 AYRHSPDF	155	21
>GATA1-V74 AYRHSPVF	183	>GATA1-V74 AYRHSPDF	421	238
>GATA1-V74 AYRHSPVF	10	>GATA1-V74 AYRHSPDF	19	9

>GATA1-V74 AYRHSPVFQ\	366	>GATA1-V74 AYRHSPDFQ\	518	152
>GATA1-V74 AYRHSPVF	50	>GATA1-V74 AYRHSPDF	257	207
>GATA1-V74 AYRHSPVFQ	8	>GATA1-V74 AYRHSPDFQ	49	41
>GATA1-V74 AYRHSPVFQ\	11	>GATA1-V74 AYRHSPDFQ\	31	20
>GATA1-V74 AYRHSPVFQ\	15	>GATA1-V74 AYRHSPDFQ\	45	30
>GATA1-V74 AYRHSPVFQ\	364	>GATA1-V74 AYRHSPDFQ\	310	54
>GATA1-V74 AYRHSPVF	29	>GATA1-V74 AYRHSPDF	76	47
>GATA1-V74 AYRHSPVFQ\	55	>GATA1-V74 AYRHSPDFQ\	107	52
>GATA1-V74 EAYRHSPV	312	>GATA1-V74 EAYRHSPD	18845	18533
>GATA1-V74 EAYRHSPVF	233	>GATA1-V74 EAYRHSPDF	408	175
>GATA1-V74 EAYRHSPVFC	88	>GATA1-V74 EAYRHSPDFC	428	340
>GATA1-V74 EAYRHSPVFC	190	>GATA1-V74 EAYRHSPDFC	435	245
>GATA1-V74 EAYRHSPVF	62	>GATA1-V74 EAYRHSPDF	152	90
>GATA1-V74 EAYRHSPV	23	>GATA1-V74 EAYRHSPD	14687	14664
>GATA1-V74 EAYRHSPVFC	37	>GATA1-V74 EAYRHSPDFC	49	12
>GATA1-V74 EAYRHSPV	6	>GATA1-V74 EAYRHSPD	12193	12187
>GATA1-V74 EAYRHSPVFC	4	>GATA1-V74 EAYRHSPDFC	6	2
>GATA1-V74 EAYRHSPV	278	>GATA1-V74 EAYRHSPD	9373	9095
>GATA1-V74 EAYRHSPVF	478	>GATA1-V74 EAYRHSPDF	1723	1245
>GATA1-V74 EAYRHSPVF	95	>GATA1-V74 EAYRHSPDF	894	799
>GATA1-V74 EAYRHSPVF	32	>GATA1-V74 EAYRHSPDF	74	42
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>GATA1-V74 EAYRHSPVF	23	>GATA1-V74 EAYRHSPDF	64	41
>GATA1-V74 EAYRHSPVF	468	>GATA1-V74 EAYRHSPDF	6821	6353
>GATA1-V74 AEAYRHSPV	264	>GATA1-V74 AEAYRHSPD	16788	16524
>GATA1-V74 AEAYRHSPVF	92	>GATA1-V74 AEAYRHSPDF	611	519
>GATA1-V74 AEAYRHSPVF	31	>GATA1-V74 AEAYRHSPDF	64	33
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>GATA1-V74 AEAYRHSPV	169	>GATA1-V74 AEAYRHSPD	4872	4703
>GATA1-V74 AEAYRHSPVF	287	>GATA1-V74 AEAYRHSPDF	326	39
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>GATA1-V74 AEAYRHSPVF	148	>GATA1-V74 AEAYRHSPDF	112	36
>GATA1-V74 AEAYRHSPV	11	>GATA1-V74 AEAYRHSPD	413	402
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>GATA1-V74 AEAYRHSPVF	230	>GATA1-V74 AEAYRHSPDF	339	109
>GATA1-V74 AEAYRHSPV	32	>GATA1-V74 AEAYRHSPD	2393	2361
>GATA1-V74 AEAYRHSPVF	210	>GATA1-V74 AEAYRHSPDF	293	83
>GATA1-V74 DAEAYRHSP\	396	>GATA1-V74 DAEAYRHSP\	32624	32228
>GATA1-V74 DAEAYRHSP\	257	>GATA1-V74 DAEAYRHSP\	20190	19933
>GATA1-V74 DAEAYRHSP\	318	>GATA1-V74 DAEAYRHSP\	840	522
>GATA1-V74 VFQVYPLL	81	>GATA1-V74 FFQVYPLL	522	441
>GATA1-V74 VFQVYPLL	8002	>GATA1-V74 FFQVYPLL	432	7570
>GATA1-V74 VFQVYPLL	94	>GATA1-V74 FFQVYPLL	196	102



>GATA1-V74 VFQVYPLL	297	>GATA1-V74 FFQVYPLL	656	359
>GATA1-V74 VFQVYPLL	291	>GATA1-V74 FFQVYPLL	49	242
>GATA1-V74 PVFQVYPLL	117	>GATA1-V74 PFFQVYPLL	634	517
>GATA1-V74 PVFQVYPL	496	>GATA1-V74 PFFQVYPL	6103	5607
>GATA1-V74 PVFQVYPL	11034	>GATA1-V74 PFFQVYPL	428	10606
>GATA1-V74 PVFQVYPLL	4148	>GATA1-V74 PFFQVYPLL	114	4034
>GATA1-V74 PVFQVYPL	12890	>GATA1-V74 PFFQVYPL	372	12518
>GATA1-V74 PVFQVYPLL	8093	>GATA1-V74 PFFQVYPLL	87	8006
>GATA1-V74 PVFQVYPL	228	>GATA1-V74 PFFQVYPL	3085	2857
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>GATA1-V74 RDAEAYRHSF	4461	>GATA1-V74 RDAEAYRHSF	108	4353
>GATA1-V74 SPVFQVYPL	2088	>GATA1-V74 SPFFQVYPL	222	1866
>GATA1-V74 SPVFQVYPLL	253	>GATA1-V74 SPFFQVYPLL	28	225
>GATA1-V74 SPVFQVYPL	766	>GATA1-V74 SPFFQVYPL	216	550
>GATA1-V74 SPVFQVYPL	38	>GATA1-V74 SPFFQVYPL	117	79
>GATA1-V74 SPVFQVYPLL	191	>GATA1-V74 SPFFQVYPLL	324	133
>GATA1-V74 SPVFQVYPL	626	>GATA1-V74 SPFFQVYPL	229	397
>GATA1-V74 SPVFQVYPL	36	>GATA1-V74 SPFFQVYPL	44	8
>GATA1-V74 SPVFQVYPL	77	>GATA1-V74 SPFFQVYPL	53	24
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>GATA1-V74 SPVFQVYPL	368	>GATA1-V74 SPFFQVYPL	955	587
>GATA1-V74 SPVFQVYPL	34	>GATA1-V74 SPFFQVYPL	31	3
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>GATA1-V74 HSPVFQVYPL	95	>GATA1-V74 HSPFFQVYPL	119	24
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>GATA1-V74 HSPVFQVYPL	298	>GATA1-V74 HSPFFQVYPL	102	196
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>GATA1-V74 HSPVFQVY	458	>GATA1-V74 HSPFFQVY	509	51
>GATA1-V74 HSPVFQVY	330	>GATA1-V74 HSPFFQVY	323	7
>GATA1-V74 HSPVFQVY	137	>GATA1-V74 HSPFFQVY	211	74
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>GATA1-V74 HSPVFQVYPL	3	>GATA1-V74 HSPFFQVYPL	3	0
>GATA1-V74 HSPVFQVY	239	>GATA1-V74 HSPFFQVY	435	196
>GATA1-V74 HSPVFQVYPL	548	>GATA1-V74 HSPFFQVYPL	242	306
>GATA1-V74 RHSPVFQVY	212	>GATA1-V74 RHSPFFQVY	174	38
>GATA1-V74 RHSPVFQVY	16	>GATA1-V74 RHSPFFQVY	7	9
>GATA1-V74 RHSPVFQVYF	106	>GATA1-V74 RHSPFFQVYF	54	52
>GATA1-V74 RHSPVFQVYF	32	>GATA1-V74 RHSPFFQVYF	29	3
>GATA1-V74 RHSPVFQVY	370	>GATA1-V74 RHSPFFQVY	353	17
>GATA1-V74 RHSPVFQVY	444	>GATA1-V74 RHSPFFQVY	690	246
>GATA1-V74 RHSPVFQVYF	788	>GATA1-V74 RHSPFFQVYF	496	292
>GATA1-V74 RHSPVFQVY	159	>GATA1-V74 RHSPFFQVY	96	63

>GATA1-V74 YRHSPVFQV	55	>GATA1-V74 YRHSPFFQV	182	127
>GATA1-V74 YRHSPVFQV	163	>GATA1-V74 YRHSPFFQV	267	104
>GATA1-V74 YRHSPVFQVY	323	>GATA1-V74 YRHSPFFQVY	230	93
>GATA1-V74 YRHSPVFQV	123	>GATA1-V74 YRHSPFFQV	80	43
>GATA1-V74 YRHSPVFQVY	6	>GATA1-V74 YRHSPFFQVY	5	1
>GATA1-V74 YRHSPVFQV	124	>GATA1-V74 YRHSPFFQV	97	27
>GATA1-V74 YRHSPVFQVY	45	>GATA1-V74 YRHSPFFQVY	50	5
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>GATA1-V74 AYRHSPVF	134	>GATA1-V74 AYRHSPFF	113	21
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>GATA1-V74 AYRHSPVF	10	>GATA1-V74 AYRHSPFF	8	2
>GATA1-V74 AYRHSPVFQ\	657	>GATA1-V74 AYRHSPFFQV	316	341
>GATA1-V74 AYRHSPVFQ\	366	>GATA1-V74 AYRHSPFFQV	176	190
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>GATA1-V74 AYRHSPVFQ	8	>GATA1-V74 AYRHSPFFQ	7	1
>GATA1-V74 AYRHSPVFQ\	11	>GATA1-V74 AYRHSPFFQV	9	2
>GATA1-V74 AYRHSPVFQ\	15	>GATA1-V74 AYRHSPFFQV	12	3
>GATA1-V74 AYRHSPVFQ\	364	>GATA1-V74 AYRHSPFFQV	207	157
>GATA1-V74 AYRHSPVF	29	>GATA1-V74 AYRHSPFF	62	33
>GATA1-V74 AYRHSPVFQ\	55	>GATA1-V74 AYRHSPFFQV	50	5
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>GATA1-V74 AYRHSPVFQ\	969	>GATA1-V74 AYRHSPFFQV	457	512
>GATA1-V74 EAYRHSPV	312	>GATA1-V74 EAYRHSPF	4160	3848
>GATA1-V74 EAYRHSPVF	233	>GATA1-V74 EAYRHSPFF	310	77
>GATA1-V74 EAYRHSPVFC	761	>GATA1-V74 EAYRHSPFFQ	338	423
>GATA1-V74 EAYRHSPVFC	1038	>GATA1-V74 EAYRHSPFFQ	243	795
>GATA1-V74 EAYRHSPVFC	88	>GATA1-V74 EAYRHSPFFQ	122	34
>GATA1-V74 EAYRHSPVFC	190	>GATA1-V74 EAYRHSPFFQ	208	18
>GATA1-V74 EAYRHSPVF	677	>GATA1-V74 EAYRHSPFF	177	500
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>GATA1-V74 EAYRHSPVF	62	>GATA1-V74 EAYRHSPFF	13	49
>GATA1-V74 EAYRHSPV	23	>GATA1-V74 EAYRHSPF	11591	11568
>GATA1-V74 EAYRHSPVFC	37	>GATA1-V74 EAYRHSPFFQ	23	14
>GATA1-V74 EAYRHSPV	6	>GATA1-V74 EAYRHSPF	4239	4233
>GATA1-V74 EAYRHSPVFC	4	>GATA1-V74 EAYRHSPFFQ	3	1
>GATA1-V74 EAYRHSPV	278	>GATA1-V74 EAYRHSPF	294	16
>GATA1-V74 EAYRHSPVF	478	>GATA1-V74 EAYRHSPFF	1672	1194
>GATA1-V74 EAYRHSPV	7319	>GATA1-V74 EAYRHSPF	129	7190
>GATA1-V74 EAYRHSPVF	95	>GATA1-V74 EAYRHSPFF	451	356
>GATA1-V74 EAYRHSPV	1329	>GATA1-V74 EAYRHSPF	18	1311
>GATA1-V74 EAYRHSPVF	32	>GATA1-V74 EAYRHSPFF	90	58
>GATA1-V74 EAYRHSPV	4783	>GATA1-V74 EAYRHSPF	17	4766
>GATA1-V74 EAYRHSPVF	25	>GATA1-V74 EAYRHSPFF	26	1

>GATA1-V74 EAYRHSPV	1889	>GATA1-V74 EAYRHSPF	22	1867
>GATA1-V74 EAYRHSPVF	23	>GATA1-V74 EAYRHSPFF	78	55
>GATA1-V74 EAYRHSPVF	468	>GATA1-V74 EAYRHSPFF	625	157
>GATA1-V74 AEAYRHSPV	264	>GATA1-V74 AEAYRHSPF	1668	1404
>GATA1-V74 AEAYRHSPVF	3312	>GATA1-V74 AEAYRHSPFF	195	3117
>GATA1-V74 AEAYRHSPV	4176	>GATA1-V74 AEAYRHSPF	65	4111
>GATA1-V74 AEAYRHSPVF	92	>GATA1-V74 AEAYRHSPFF	316	224
>GATA1-V74 AEAYRHSPV	689	>GATA1-V74 AEAYRHSPF	16	673
>GATA1-V74 AEAYRHSPVF	31	>GATA1-V74 AEAYRHSPFF	64	33
>GATA1-V74 AEAYRHSPV	128	>GATA1-V74 AEAYRHSPF	200	72
>GATA1-V74 AEAYRHSPV	169	>GATA1-V74 AEAYRHSPF	139	30
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>GATA1-V74 AEAYRHSPVF	85	>GATA1-V74 AEAYRHSPFF	23	62
>GATA1-V74 AEAYRHSPV	3114	>GATA1-V74 AEAYRHSPF	253	2861
>GATA1-V74 AEAYRHSPVF	148	>GATA1-V74 AEAYRHSPFF	61	87
>GATA1-V74 AEAYRHSPV	11	>GATA1-V74 AEAYRHSPF	193	182
>GATA1-V74 AEAYRHSPVF	270	>GATA1-V74 AEAYRHSPFF	232	38
>GATA1-V74 AEAYRHSPVF	230	>GATA1-V74 AEAYRHSPFF	124	106
>GATA1-V74 AEAYRHSPVF	822	>GATA1-V74 AEAYRHSPFF	357	465
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>GATA1-V74 AEAYRHSPVF	210	>GATA1-V74 AEAYRHSPFF	86	124
>GATA1-V74 DAEAYRHSPV	396	>GATA1-V74 DAEAYRHSPF	28310	27914
>GATA1-V74 DAEAYRHSPV	257	>GATA1-V74 DAEAYRHSPF	17017	16760
>GATA1-V74 DAEAYRHSPV	318	>GATA1-V74 DAEAYRHSPF	1149	831
>GATA1-V74 VFQVYPLL	81	>GATA1-V74 IFQVYPLL	71	10
>GATA1-V74 VFQVYPLL	94	>GATA1-V74 IFQVYPLL	106	12
>GATA1-V74 VFQVYPLL	297	>GATA1-V74 IFQVYPLL	179	118
>GATA1-V74 VFQVYPLL	291	>GATA1-V74 IFQVYPLL	389	98
>GATA1-V74 PVFQVYPLL	117	>GATA1-V74 PIFQVYPLL	165	48
>GATA1-V74 PVFQVYPL	640	>GATA1-V74 PIFQVYPL	326	314
>GATA1-V74 PVFQVYPL	496	>GATA1-V74 PIFQVYPL	126	370
>GATA1-V74 PVFQVYPLL	1099	>GATA1-V74 PIFQVYPLL	300	799
>GATA1-V74 PVFQVYPLL	961	>GATA1-V74 PIFQVYPLL	332	629
>GATA1-V74 PVFQVYPL	228	>GATA1-V74 PIFQVYPL	274	46
>GATA1-V74 PVFQVYPL	346	>GATA1-V74 PIFQVYPL	1461	1115
>GATA1-V74 RDAEAYRHSPV	1019	>GATA1-V74 RDAEAYRHSPF	231	788
>GATA1-V74 RDAEAYRHSPV	9353	>GATA1-V74 RDAEAYRHSPF	224	9129
>GATA1-V74 RDAEAYRHSPV	615	>GATA1-V74 RDAEAYRHSPF	279	336
>GATA1-V74 SPVFQVYPLL	253	>GATA1-V74 SPIFQVYPLL	74	179
>GATA1-V74 SPVFQVYPL	766	>GATA1-V74 SPIFQVYPL	448	318
>GATA1-V74 SPVFQVYPL	38	>GATA1-V74 SPIFQVYPL	34	4
>GATA1-V74 SPVFQVYPLL	191	>GATA1-V74 SPIFQVYPLL	145	46
>GATA1-V74 SPVFQVYPL	626	>GATA1-V74 SPIFQVYPL	211	415

>GATA1-V74 SPVFQVYPL	36	>GATA1-V74 SPIFQVYPL	40	4
>GATA1-V74 SPVFQVYPL	77	>GATA1-V74 SPIFQVYPL	53	24
>GATA1-V74 SPVFQVYPLL	473	>GATA1-V74 SPIFQVYPLL	328	145
>GATA1-V74 SPVFQVYPL	368	>GATA1-V74 SPIFQVYPL	337	31
>GATA1-V74 SPVFQVYPL	34	>GATA1-V74 SPIFQVYPL	35	1
>GATA1-V74 HSPVFQVYPL	95	>GATA1-V74 HSPIFQVYPLL	133	38
>GATA1-V74 HSPVFQVY	401	>GATA1-V74 HSPIFQVY	341	60
>GATA1-V74 HSPVFQVYPL	298	>GATA1-V74 HSPIFQVYPL	347	49
>GATA1-V74 HSPVFQVYPL	492	>GATA1-V74 HSPIFQVYPL	231	261
>GATA1-V74 HSPVFQVY	458	>GATA1-V74 HSPIFQVY	878	420
>GATA1-V74 HSPVFQVY	330	>GATA1-V74 HSPIFQVY	175	155
>GATA1-V74 HSPVFQVYPL	797	>GATA1-V74 HSPIFQVYPL	423	374
>GATA1-V74 HSPVFQVY	137	>GATA1-V74 HSPIFQVY	256	119
>GATA1-V74 HSPVFQVYP	675	>GATA1-V74 HSPIFQVYP	306	369
>GATA1-V74 HSPVFQVYPL	6	>GATA1-V74 HSPIFQVYPL	5	1
>GATA1-V74 HSPVFQVYPL	3	>GATA1-V74 HSPIFQVYPLL	3	0
>GATA1-V74 HSPVFQVY	239	>GATA1-V74 HSPIFQVY	590	351
>GATA1-V74 RHSPVFQVY	212	>GATA1-V74 RHSPIFQVY	120	92
>GATA1-V74 RHSPVFQVY	760	>GATA1-V74 RHSPIFQVY	274	486
>GATA1-V74 RHSPVFQVY	16	>GATA1-V74 RHSPIFQVY	17	1
>GATA1-V74 RHSPVFQVYF	106	>GATA1-V74 RHSPIFQVYPI	111	5
>GATA1-V74 RHSPVFQVYF	32	>GATA1-V74 RHSPIFQVYPI	34	2
>GATA1-V74 RHSPVFQVY	370	>GATA1-V74 RHSPIFQVY	304	66
>GATA1-V74 RHSPVFQVY	444	>GATA1-V74 RHSPIFQVY	610	166
>GATA1-V74 RHSPVFQVY	159	>GATA1-V74 RHSPIFQVY	105	54
>GATA1-V74 YRHSPVFQV	55	>GATA1-V74 YRHSPIFQV	39	16
>GATA1-V74 YRHSPVFQV	163	>GATA1-V74 YRHSPIFQV	73	90
>GATA1-V74 YRHSPVFQVY	323	>GATA1-V74 YRHSPIFQVY	347	24
>GATA1-V74 YRHSPVFQV	123	>GATA1-V74 YRHSPIFQV	172	49
>GATA1-V74 YRHSPVFQVY	6	>GATA1-V74 YRHSPIFQVY	7	1
>GATA1-V74 YRHSPVFQV	124	>GATA1-V74 YRHSPIFQV	68	56
>GATA1-V74 YRHSPVFQVY	45	>GATA1-V74 YRHSPIFQVY	30	15
>GATA1-V74 YRHSPVFQV	188	>GATA1-V74 YRHSPIFQV	344	156
>GATA1-V74 AYRHSPVF	134	>GATA1-V74 AYRHSPIF	168	34
>GATA1-V74 AYRHSPVF	183	>GATA1-V74 AYRHSPIF	235	52
>GATA1-V74 AYRHSPVF	10	>GATA1-V74 AYRHSPIF	18	8
>GATA1-V74 AYRHSPVFQ\	366	>GATA1-V74 AYRHSPIFQV	248	118
>GATA1-V74 AYRHSPVF	50	>GATA1-V74 AYRHSPIF	36	14
>GATA1-V74 AYRHSPVFQ	8	>GATA1-V74 AYRHSPIFQ	5	3
>GATA1-V74 AYRHSPVFQ\	11	>GATA1-V74 AYRHSPIFQV	10	1
>GATA1-V74 AYRHSPVFQ\	15	>GATA1-V74 AYRHSPIFQV	13	2
>GATA1-V74 AYRHSPVFQ\	364	>GATA1-V74 AYRHSPIFQV	330	34
>GATA1-V74 AYRHSPVF	29	>GATA1-V74 AYRHSPIF	33	4

>GATA1-V74 AYRHSPVFQ\	55	>GATA1-V74 AYRHSPVFQ\	67	12
>GATA1-V74 AYRHSPVFQ\	609	>GATA1-V74 AYRHSPVFQ\	233	376
>GATA1-V74 EAYRHSPV	312	>GATA1-V74 EAYRHSPV	607	295
>GATA1-V74 EAYRHSPVF	233	>GATA1-V74 EAYRHSPVF	135	98
>GATA1-V74 EAYRHSPVFC	88	>GATA1-V74 EAYRHSPVFC	91	3
>GATA1-V74 EAYRHSPVFC	190	>GATA1-V74 EAYRHSPVFC	155	35
>GATA1-V74 EAYRHSPV	62	>GATA1-V74 EAYRHSPV	94	32
>GATA1-V74 EAYRHSPV	23	>GATA1-V74 EAYRHSPV	77	54
>GATA1-V74 EAYRHSPVFC	37	>GATA1-V74 EAYRHSPVFC	38	1
>GATA1-V74 EAYRHSPV	6	>GATA1-V74 EAYRHSPV	17	11
>GATA1-V74 EAYRHSPVFC	4	>GATA1-V74 EAYRHSPVFC	4	0
>GATA1-V74 EAYRHSPV	278	>GATA1-V74 EAYRHSPV	192	86
>GATA1-V74 EAYRHSPVF	478	>GATA1-V74 EAYRHSPVF	771	293
>GATA1-V74 EAYRHSPVF	95	>GATA1-V74 EAYRHSPVF	474	379
>GATA1-V74 EAYRHSPVF	32	>GATA1-V74 EAYRHSPVF	39	7
>GATA1-V74 EAYRHSPVF	25	>GATA1-V74 EAYRHSPVF	51	26
>GATA1-V74 EAYRHSPVF	23	>GATA1-V74 EAYRHSPVF	32	9
>GATA1-V74 EAYRHSPVF	468	>GATA1-V74 EAYRHSPVF	669	201
>GATA1-V74 EAYRHSPV	8543	>GATA1-V74 EAYRHSPV	139	8404
>GATA1-V74 AEAYRHSPV	264	>GATA1-V74 AEAYRHSPV	49	215
>GATA1-V74 AEAYRHSPVF	92	>GATA1-V74 AEAYRHSPVF	341	249
>GATA1-V74 AEAYRHSPV	689	>GATA1-V74 AEAYRHSPV	434	255
>GATA1-V74 AEAYRHSPVF	31	>GATA1-V74 AEAYRHSPVF	34	3
>GATA1-V74 AEAYRHSPV	128	>GATA1-V74 AEAYRHSPV	61	67
>GATA1-V74 AEAYRHSPV	169	>GATA1-V74 AEAYRHSPV	142	27
>GATA1-V74 AEAYRHSPVF	287	>GATA1-V74 AEAYRHSPVF	291	4
>GATA1-V74 AEAYRHSPVF	85	>GATA1-V74 AEAYRHSPVF	98	13
>GATA1-V74 AEAYRHSPVF	148	>GATA1-V74 AEAYRHSPVF	127	21
>GATA1-V74 AEAYRHSPV	11	>GATA1-V74 AEAYRHSPV	28	17
>GATA1-V74 AEAYRHSPVF	270	>GATA1-V74 AEAYRHSPVF	377	107
>GATA1-V74 AEAYRHSPVF	230	>GATA1-V74 AEAYRHSPVF	188	42
>GATA1-V74 AEAYRHSPV	32	>GATA1-V74 AEAYRHSPV	15	17
>GATA1-V74 AEAYRHSPVF	210	>GATA1-V74 AEAYRHSPVF	185	25
>GATA1-V74 DAEAYRHSPV	396	>GATA1-V74 DAEAYRHSPV	1455	1059
>GATA1-V74 DAEAYRHSPV	257	>GATA1-V74 DAEAYRHSPV	1452	1195
>GATA1-V74 DAEAYRHSPV	318	>GATA1-V74 DAEAYRHSPV	477	159
>GATA2-L35! LWRRNANGI	266	>GATA2-L35! LWRRNANGI	372	106
>GATA2-L35! CANCEQTTTTI	2114	>GATA2-L35! CANCEQTTTTI	226	1888
>GATA2-L35! CANCEQTTTTI	2063	>GATA2-L35! CANCEQTTTTI	159	1904
>GATA2-L35! CANCEQTTTTI	180	>GATA2-L35! CANCEQTTTTI	1832	1652
>GATA2-L35! CANCEQTTTTI	409	>GATA2-L35! CANCEQTTTTI	1939	1530
>GATA2-L35! TTLWRRNA	1459	>GATA2-L35! TTLWRRNA	150	1309
>GATA2-L35! TTTLWRRNA	368	>GATA2-L35! TTTLWRRNA	361	7

>GATA2-L35!TTTTLWRR	317	>GATA2-L35!TTTTVWRR	225	92
>GATA2-L35!TTTTLWRR	43	>GATA2-L35!TTTTVWRR	46	3
>GATA2-L35!TTTTLWRR	83	>GATA2-L35!TTTTVWRR	66	17
>GATA2-L35!TTTTLWRR	8	>GATA2-L35!TTTTVWRR	5	3
>GATA2-L35!TTTTLWRR	381	>GATA2-L35!TTTTVWRR	517	136
>GATA2-L35!TTTTLWRR	426	>GATA2-L35!TTTTVWRR	714	288
>GATA2-L35!TTTTTLWR	151	>GATA2-L35!TTTTTVWR	274	123
>GATA2-L35!TTTTTLWRR	124	>GATA2-L35!TTTTTVWRR	118	6
>GATA2-L35!TTTTTLWR	96	>GATA2-L35!TTTTTVWR	52	44
>GATA2-L35!TTTTTLWRR	37	>GATA2-L35!TTTTTVWRR	57	20
>GATA2-L35!TTTTTLWR	253	>GATA2-L35!TTTTTVWR	178	75
>GATA2-L35!TTTTTLWRR	91	>GATA2-L35!TTTTTVWRR	137	46
>GATA2-L35!TTTTTLWR	4	>GATA2-L35!TTTTTVWR	3	1
>GATA2-L35!TTTTTLWRR	5	>GATA2-L35!TTTTTVWRR	4	1
>GATA2-L35!TTTTTLWRRM	212	>GATA2-L35!TTTTTVWRRM	161	51
>GATA2-L35!TTTTTLWR	347	>GATA2-L35!TTTTTVWR	387	40
>GATA2-L35!TTTTTLWR	280	>GATA2-L35!TTTTTVWR	241	39
>GATA2-L35!TTTTTLWRR	512	>GATA2-L35!TTTTTVWRR	286	226
>GATA2-L35!QTTTTLWRF	102	>GATA2-L35!QTTTTVWRM	202	100
>GATA2-L35!QTTTTLWR	474	>GATA2-L35!QTTTTVWR	111	363
>GATA2-L35!QTTTTLWRF	48	>GATA2-L35!QTTTTVWRM	71	23
>GATA2-L35!QTTTTLW	626	>GATA2-L35!QTTTTVW	245	381
>GATA2-L35!QTTTTLWR	7	>GATA2-L35!QTTTTVWR	4	3
>GATA2-L35!QTTTTLWRF	16	>GATA2-L35!QTTTTVWRM	21	5
>GATA2-L35!QTTTTLW	14	>GATA2-L35!QTTTTVW	14	0
>GATA2-L35!QTTTTLW	191	>GATA2-L35!QTTTTVW	239	48
>GATA2-L35!QTTTTLW	15	>GATA2-L35!QTTTTVW	15	0
>GATA2-L35!QTTTTLW	201	>GATA2-L35!QTTTTVW	198	3
>GATA2-L35!QTTTTLWR	147	>GATA2-L35!QTTTTVWR	205	58
>GATA2-L35!QTTTTLWRF	317	>GATA2-L35!QTTTTVWRM	295	22
>GATA2-L35!QTTTTLWR	91	>GATA2-L35!QTTTTVWR	103	12
>GATA2-L35!QTTTTLWRF	137	>GATA2-L35!QTTTTVWRM	111	26
>GATA2-L35!CQTTTTL	2265	>GATA2-L35!CQTTTTV	232	2033
>GATA2-L35!CQTTTTL	379	>GATA2-L35!CQTTTTV	45	334
>GATA2-L35!CQTTTTLWF	241	>GATA2-L35!CQTTTTVWM	176	65
>GATA2-L35!CQTTTTLWF	173	>GATA2-L35!CQTTTTVWM	238	65
>GATA2-L35!CQTTTTLWF	715	>GATA2-L35!CQTTTTVWM	362	353
>GATA2-L35!CQTTTTL	97	>GATA2-L35!CQTTTTV	219	122
>GATA2-L35!CQTTTTLW	690	>GATA2-L35!CQTTTTVW	178	512
>GATA2-L35!CQTTTTL	458	>GATA2-L35!CQTTTTV	4357	3899
>GATA2-L35!CQTTTTLW	206	>GATA2-L35!CQTTTTVW	172	34
>GATA2-L35!CQTTTTLW	20	>GATA2-L35!CQTTTTVW	34	14
>GATA2-L35!CQTTTTLWF	48	>GATA2-L35!CQTTTTVWM	56	8

>GATA2-L35!CQTTTTTLWF	106	>GATA2-L35!CQTTTTTVW	93	13
>GATA2-L35!NCQTTTTTL	337	>GATA2-L35!NCQTTTTTV	1248	911
>GATA2-L35!NCQTTTTTLV	163	>GATA2-L35!NCQTTTTTVV	167	4
>GATA2-P12!TPLHPSAA	11938	>GATA2-P12!TTLHPSAA	106	11832
>GATA2-P12!TPLHPSAA	1447	>GATA2-P12!TTLHPSAA	118	1329
>GATA2-P12!TPLHPSAA	361	>GATA2-P12!TTLHPSAA	21530	21169
>GATA2-P12!TPLHPSAA	431	>GATA2-P12!TTLHPSAA	15854	15423
>GATA2-P12!TPLHPSAAG	423	>GATA2-P12!TTLHPSAAG	15460	15037
>GATA2-P12!TPLHPSAA	40	>GATA2-P12!TTLHPSAA	22910	22870
>GATA2-P12!KTPLHPSA	306	>GATA2-P12!KTTLHPSA	59	247
>GATA2-P12!KTPLHPSAA	1504	>GATA2-P12!KTTLHPSAA	249	1255
>GATA2-P12!KTPLHPSAAG	269	>GATA2-P12!KTTLHPSAAG	5206	4937
>GATA2-P12!KTPLHPSAAG	345	>GATA2-P12!KTTLHPSAAG	6714	6369
>GATA2-P12!FSKTPLHPSA/	553	>GATA2-P12!FSKTTLHPSA/	311	242
>GATA2-P12!FSKTPLHPSA	530	>GATA2-P12!FSKTTLHPSA	200	330
>GATA2-P12!FSKTPLHPSA/	807	>GATA2-P12!FSKTTLHPSA/	404	403
>GATA2-P12!SPFSKTPL	24	>GATA2-P12!SPFSKTTL	12	12
>GATA2-P12!SPFSKTPL	18	>GATA2-P12!SPFSKTTL	34	16
>GATA2-P12!SPFSKTPL	189	>GATA2-P12!SPFSKTTL	207	18
>GATA2-P12!SPFSKTPL	288	>GATA2-P12!SPFSKTTL	455	167
>GATA2-P12!SPFSKTPL	109	>GATA2-P12!SPFSKTTL	191	82
>GATA2-P12!SPFSKTPL	401	>GATA2-P12!SPFSKTTL	174	227
>GATA2-P12!VSPFSKTPL	237	>GATA2-P12!VSPFSKTTL	623	386
>GATA2-P12!VSPFSKTPL	179	>GATA2-P12!VSPFSKTTL	484	305
>GATA2-P12!VSPFSKTPL	333	>GATA2-P12!VSPFSKTTL	161	172
>GATA2-P12!VSPFSKTPL	15	>GATA2-P12!VSPFSKTTL	16	1
>GATA2-P12!VSPFSKTPLH	434	>GATA2-P12!VSPFSKTTLH	702	268
>GATA2-P12!TVSPFSKTPL	223	>GATA2-P12!TVSPFSKTTL	323	100
>GATA2-P12!TVSPFSKTPL	292	>GATA2-P12!TVSPFSKTTL	277	15
>GATA2-P12!TVSPFSKTPL	460	>GATA2-P12!TVSPFSKTTL	679	219
>GATA2-P12!TVSPFSKTPL	426	>GATA2-P12!TVSPFSKTTL	1424	998
>GATA2-P12!TVSPFSKTPL	898	>GATA2-P12!TVSPFSKTTL	473	425
>GATA2-P12!WTVSPFSKTP	210	>GATA2-P12!WTVSPFSKTT	293	83
>GATA2-P12!WTVSPFSKTP	236	>GATA2-P12!WTVSPFSKTT	377	141
>GATA2-P12!WTVSPFSKTP	357	>GATA2-P12!WTVSPFSKTT	344	13
>GATA2-P12!WTVSPFSKTP	13	>GATA2-P12!WTVSPFSKTT	39	26
>GATA2-P12!WTVSPFSKTP	43	>GATA2-P12!WTVSPFSKTT	137	94
>GATA2-P12!WTVSPFSKTP	150	>GATA2-P12!WTVSPFSKTT	233	83
>GATA2-P12!WTVSPFSKTP	16	>GATA2-P12!WTVSPFSKTT	14	2
>GATA2-P12!WTVSPFSKTP	233	>GATA2-P12!WTVSPFSKTT	195	38
>GATA2-P12!WTVSPFSKTP	15	>GATA2-P12!WTVSPFSKTT	4	11
>GATA2-S71!SYSPAHARL	59	>GATA2-S71!FYSPAHARL	182	123
>GATA2-S71!SYSPAHARL	1927	>GATA2-S71!FYSPAHARL	80	1847

>GATA2-S71ISYSPA HARL	2840	>GATA2-S71IFYS PA HARL	177	2663
>GATA2-S71ISYSPA HARL	817	>GATA2-S71IFYS PA HARL	195	622
>GATA2-S71ISYSPA HARL	298	>GATA2-S71IFYS PA HARL	320	22
>GATA2-S71ISYSPA HAR	981	>GATA2-S71IFYS PA HAR	420	561
>GATA2-S71ISYSPA HARL	12	>GATA2-S71IFYS PA HARL	7	5
>GATA2-S71ISYSPA HAR	33	>GATA2-S71IFYS PA HAR	293	260
>GATA2-S71ISYSPA HAR	275	>GATA2-S71IFYS PA HAR	76	199
>GATA2-S71ISYSPA HAR	356	>GATA2-S71IFYS PA HAR	85	271
>GATA2-S71ISYSPA HAR	35	>GATA2-S71IFYS PA HAR	45	10
>GATA2-S71IVSYSPA HA	194	>GATA2-S71IVFYS PA HA	1164	970
>GATA2-S71IVSYSPA HAR	312	>GATA2-S71IVFYS PA HAR	4064	3752
>GATA2-S71IVSYSPA HAR	66	>GATA2-S71IVFYS PA HAR	3770	3704
>GATA2-S71IVSYSPA HARL	18554	>GATA2-S71IVFYS PA HARL	343	18211
>GATA2-S71IVSYSPA HAR	28	>GATA2-S71IVFYS PA HAR	16	12
>GATA2-S71IVSYSPA HAR	894	>GATA2-S71IVFYS PA HAR	127	767
>GATA2-S71IVSYSPA HAR	38	>GATA2-S71IVFYS PA HAR	309	271
>GATA2-S71IVSYSPA HARL	384	>GATA2-S71IVFYS PA HARL	10896	10512
>GATA2-S71IVSYSPA HAR	399	>GATA2-S71IVFYS PA HAR	5526	5127
>GATA2-S71IVSYSPA HARL	213	>GATA2-S71IVFYS PA HARL	4086	3873
>GATA2-S71IVSYSPA HARL	3	>GATA2-S71IVFYS PA HARL	9173	9170
>GATA2-S71IVSYSPA HARL	358	>GATA2-S71IVFYS PA HARL	16584	16226
>GATA2-S71IVSYSPA HARL	28	>GATA2-S71IVFYS PA HARL	3221	3193
>GATA2-S71IVSYSPA HAR	938	>GATA2-S71IVFYS PA HAR	65	873
>GATA2-S71IVSYSPA HARL	15673	>GATA2-S71IVFYS PA HARL	119	15554
>GATA2-S71IVSYSPA HARL	265	>GATA2-S71IVFYS PA HARL	22126	21861
>GATA2-S71IRVSYSPA HAR	4873	>GATA2-S71IRVFYS PA HAR	240	4633
>GATA2-S71IRVSYSPA HAR	620	>GATA2-S71IRVFYS PA HAR	281	339
>GATA2-S71IRVSYSPA HA	208	>GATA2-S71IRVFYS PA HA	117	91
>GATA2-S71IRVSYSPA HAR	684	>GATA2-S71IRVFYS PA HAR	361	323
>GATA2-S71IRVSYSPA HAR	5011	>GATA2-S71IRVFYS PA HAR	492	4519
>GATA2-S71IRVSYSPA H	1020	>GATA2-S71IRVFYS PA H	204	816
>GATA2-S71IRVSYSPA HAR	323	>GATA2-S71IRVFYS PA HAR	167	156
>GATA2-S71IRVSYSPA HAR	176	>GATA2-S71IRVFYS PA HAR	200	24
>GATA2-S71IRVSYSPA H	1344	>GATA2-S71IRVFYS PA H	251	1093
>GATA2-S71IRVSYSPA HA	23	>GATA2-S71IRVFYS PA HA	8	15
>GATA2-S71IRVSYSPA HAR	455	>GATA2-S71IRVFYS PA HAR	83	372
>GATA2-S71IRVSYSPA HAR	78	>GATA2-S71IRVFYS PA HAR	18	60
>GATA2-S71IRVSYSPA HAR	34	>GATA2-S71IRVFYS PA HAR	29	5
>GATA2-S71IRVSYSPA H	2935	>GATA2-S71IRVFYS PA H	212	2723
>GATA2-S71IRVSYSPA HAR	3097	>GATA2-S71IRVFYS PA HAR	208	2889
>GATA2-S71IRVSYSPA HAR	541	>GATA2-S71IRVFYS PA HAR	28	513
>GATA2-S71IRVSYSPA HAR	47	>GATA2-S71IRVFYS PA HAR	27	20
>GATA2-S71IRVSYSPA HA	1739	>GATA2-S71IRVFYS PA HA	282	1457



>GATA2-S71IRVSYSPA HAR	1242	>GATA2-S71IRVFYSPA HAR	196	1046
>GATA2-S71IRVSYSPA HAR	1093	>GATA2-S71IRVFYSPA HAR	380	713
>GATA2-S71IRVSYSPA H	2287	>GATA2-S71IRVFYSPA H	327	1960
>GATA2-S71IRVSYSPA HAR	2626	>GATA2-S71IRVFYSPA HAR	384	2242
>GATA2-S71IRVSYSPA HAR	1680	>GATA2-S71IRVFYSPA HAR	223	1457
>GATA2-S71IRVSYSPA HAR	15	>GATA2-S71IRVFYSPA HAR	6	9
>GATA2-S71IRVSYSPA HAR	396	>GATA2-S71IRVFYSPA HAR	78	318
>GATA2-S71IRVSYSPA HAR	25	>GATA2-S71IRVFYSPA HAR	21	4
>GATA2-S71IRVSYSPA HAR	191	>GATA2-S71IRVFYSPA HAR	58	133
>GATA2-S71IRVSYSPA HAR	2319	>GATA2-S71IRVFYSPA HAR	408	1911
>GATA2-S71IARVSYSPA	166	>GATA2-S71IARVFYSPA	581	415
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>GATA2-S71IARVSYSPA HA	166	>GATA2-S71IARVFYSPA HA	207	41
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>GATA2-S71IRARVSYSPA	3476	>GATA2-S71IRARVFYSPA	208	3268
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>GATA2-S71IRARVSYSPA	3	>GATA2-S71IRARVFYSPA	3	0
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>GATA2-S71IRARVSYSPA	83	>GATA2-S71IRARVFYSPA	116	33
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>GATA2-S71IRARVSYSPA	242	>GATA2-S71IRARVFYSPA	1897	1655
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>GATA2-S71IRARVSYSPA H	347	>GATA2-S71IRARVFYSPA H	1241	894
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>GATA2-S71IHARARVSY	12	>GATA2-S71IHARARV FY	7	5
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>GATA2-S71IHARARVSYSP	213	>GATA2-S71IHARARV FYSP	244	31
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>GATA2-S71IHARARVSY	425	>GATA2-S71IHARARV FY	1637	1212
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>GATA2-S71IHARARVSY	10	>GATA2-S71IHARARV FY	19	9
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>GATA2-S71IHARARVSY	446	>GATA2-S71IHARARV FY	293	153
>GATA2-S71IAHARARVSY	471	>GATA2-S71IAHARARV FY	258	213

>GATA2-S71IAHARARVS	12731	>GATA2-S71IAHARARVF	30	12701
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>GATA2-S71IAHARARVSY	100	>GATA2-S71IAHARARVfy	333	233
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>GATA2-S71INPAHARARV	14	>GATA2-S71INPAHARARV	31	17
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>GATA2-S71INPAHARARV	8	>GATA2-S71INPAHARARV	15	7
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>GATA3-A14 ASPHLFTF	363	>GATA3-A14 TSPHLFTF	151	212
>GATA3-A14 ASPHLFTF	291	>GATA3-A14 TSPHLFTF	369	78
>GATA3-A14 ASPHLFTF	83	>GATA3-A14 TSPHLFTF	254	171
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>GATA3-A14 ASPHLFTFPP*	149	>GATA3-A14 TSPHLFTFPP†	102	47
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>GATA3-A14 LSGGHASPHL	537	>GATA3-A14 LSGGHTSPHL	400	137
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>GATA3-A14 SLSGGHASPT	8	>GATA3-A14 SLSGGHTSPH	8	0
>GATA3-A14 SLSGGHASPT	91	>GATA3-A14 SLSGGHTSPH	156	65
>GATA3-A14 SLSGGHAS	87	>GATA3-A14 SLSGGHTS	35	52
>GATA3-A14 SLSGGHASP	465	>GATA3-A14 SLSGGHTSP	730	265
>GATA3-A14 SLSGGHASPT	3	>GATA3-A14 SLSGGHTSPH	3	0
>GATA3-A14 SLSGGHASPT	236	>GATA3-A14 SLSGGHTSPH	288	52
>GATA3-A14 SLSGGHASPT	373	>GATA3-A14 SLSGGHTSPH	312	61
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>GATA3-L34<DPVCNACGL	442	>GATA3-L34<DPVCNACGF	10225	9783
>GATA3-L34<DPVCNACGL'	399	>GATA3-L34<DPVCNACGF'	307	92

>GATA3-L34' DPVCNACGL	608	>GATA3-L34' DPVCNACGF	39	569
>GATA3-L34' DPVCNACGL'	161	>GATA3-L34' DPVCNACGF'	280	119
>GATA3-L34' DPVCNACGL'	32	>GATA3-L34' DPVCNACGF'	30	2
>GATA3-L34' DPVCNACGL'	389	>GATA3-L34' DPVCNACGF'	244	145
>GATA3-R36' RKMSSKSK	367	>GATA3-R36' LKMSSKSK	6432	6065
>GATA3-R36' RKMSSKSK	12	>GATA3-R36' LKMSSKSK	25	13
>GATA3-R36' RKMSSKSKK	21	>GATA3-R36' LKMSSKSKK	54	33
>GATA3-R36' RKMSSKSKKC	199	>GATA3-R36' LKMSSKSKKC	400	201
>GATA3-R36' RKMSSKSKKC	25	>GATA3-R36' LKMSSKSKKC	81	56
>GATA3-R36' RKMSSKSK	310	>GATA3-R36' LKMSSKSK	4930	4620
>GATA3-R36' RKMSSKSKK	289	>GATA3-R36' LKMSSKSKK	4571	4282
>GATA3-R36' RKMSSKSKKC	478	>GATA3-R36' LKMSSKSKKC	6017	5539
>GATA3-R36' NRKMSSKSKI	11703	>GATA3-R36' NLKMSSKSKK	207	11496
>GATA3-R36' NRKMSSKSK	2425	>GATA3-R36' NLKMSSKSK	141	2284
>GATA3-R36' MKKEGIQTR'	508	>GATA3-R36' MKKEGIQTR'	31	477
>GATA3-R36' RNRKMSSK	4	>GATA3-R36' RNLKMSSK	69	65
>GATA3-R36' RNRKMSSKS	297	>GATA3-R36' RNLKMSSKS	9592	9295
>GATA3-R36' RNRKMSSKSI	4	>GATA3-R36' RNLKMSSKSK	44	40
>GATA3-R36' RNRKMSSKSI	6	>GATA3-R36' RNLKMSSKSK	201	195
>GATA3-R36' TRNRKMSSK	430	>GATA3-R36' TRNLKMSSK	669	239
>GATA3-R36' QTRNRKMSS	34	>GATA3-R36' QTRNLKMSSI	42	8
>GATA3-R36' QTRNRKMSS	145	>GATA3-R36' QTRNLKMSSI	116	29
>GATA3-R36' QTRNRKMS	304	>GATA3-R36' QTRNLKMS	741	437
>GATA3-R36' QTRNRKMSS	39	>GATA3-R36' QTRNLKMSS	87	48
>GATA3-R36' QTRNRKMSS	4	>GATA3-R36' QTRNLKMSSI	4	0
>GATA3-R36' QTRNRKMSS	168	>GATA3-R36' QTRNLKMSSI	293	125
>GATA3-R36' QTRNRKMSS	249	>GATA3-R36' QTRNLKMSSI	103	146
>GATA3-R36' IQTRNRKM	118	>GATA3-R36' IQTRNLKM	95	23
>GATA3-R36' IQTRNRKMS'	438	>GATA3-R36' IQTRNLKMSS	741	303
>GATA3-R36' GIQTRNRK	1154	>GATA3-R36' GIQTRNLK	370	784
>GATA3-R36' GIQTRNRK	120	>GATA3-R36' GIQTRNLK	32	88
>GATA3-R36' EGIQTRNRKM	514	>GATA3-R36' EGIQTRNLKM	495	19
>GATA3-R36' EGIQTRNR	103	>GATA3-R36' EGIQTRNL	30493	30390
>GATA3-R36' EGIQTRNRK	240	>GATA3-R36' EGIQTRNLK	72	168
>GATA3-R36' EGIQTRNR	483	>GATA3-R36' EGIQTRNL	34783	34300
>GATA3-R36' KEGIQTRNR	7683	>GATA3-R36' KEGIQTRNL	300	7383
>GATA3-R36' KEGIQTRNR	4441	>GATA3-R36' KEGIQTRNL	190	4251
>GATA3-R36' KEGIQTRNRK	540	>GATA3-R36' KEGIQTRNLK	236	304
>GATA3-R36' KEGIQTRNR	109	>GATA3-R36' KEGIQTRNL	17849	17740
>GATA3-R36' KKEGIQTRNR	369	>GATA3-R36' KKEGIQTRNL	25958	25589
>GATA3-S19' SHSRGSMTAI	267	>GATA3-S19' FHSRGSMTAI	742	475
>GATA3-S19' SHSRGSMTAI	240	>GATA3-S19' FHSRGSMTAI	54	186
>GATA3-S19' SHSRGSMTA	953	>GATA3-S19' FHSRGSMTA	391	562

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>GATA3-S19!SHSRGSMTAI	18	>GATA3-S19!FHSRGSMTAI	7	11
>GATA3-S19!SSHSRGSMT/	420	>GATA3-S19!SFHSRGSMT/	1371	951
>GATA3-S19!SSHSRGSMT	7639	>GATA3-S19!SFHSRGSMT	132	7507
>GATA3-S19!SSHSRGSMT/	1331	>GATA3-S19!SFHSRGSMT/	20	1311
>GATA3-S19!SSHSRGSMT	189	>GATA3-S19!SFHSRGSMT	647	458
>GATA3-S19!SSHSRGSMT/	32	>GATA3-S19!SFHSRGSMT/	79	47
>GATA3-S19!SSHSRGSMT	488	>GATA3-S19!SFHSRGSMT	4648	4160
>GATA3-S19!SSHSRGSMT/	141	>GATA3-S19!SFHSRGSMT/	4588	4447
>GATA3-S19!SSHSRGSMT	57	>GATA3-S19!SFHSRGSMT	23329	23272
>GATA3-S19!SSHSRGSMT/	18	>GATA3-S19!SFHSRGSMT/	20104	20086
>GATA3-S19!SSHSRGSMT	276	>GATA3-S19!SFHSRGSMT	11430	11154
>GATA3-S19!SSHSRGSMT	69	>GATA3-S19!SFHSRGSMT	2021	1952
>GATA3-S19!SSHSRGSMT/	413	>GATA3-S19!SFHSRGSMT/	20802	20389
>GATA3-S19!SSHSRGSMT/	55	>GATA3-S19!SFHSRGSMT/	1866	1811
>GATA3-S19!SSHSRGSMT	28946	>GATA3-S19!SFHSRGSMT	303	28643
>GATA3-S19!SSHSRGSMT/	29437	>GATA3-S19!SFHSRGSMT/	461	28976
>GATA3-S19!SSHSRGSMT	186	>GATA3-S19!SFHSRGSMT	12751	12565
>GATA3-S19!SSHSRGSMT/	211	>GATA3-S19!SFHSRGSMT/	12312	12101
>GATA3-S19!ESSHSRGSMT	1287	>GATA3-S19!ESFHSRGSMT	271	1016
>GATA3-S19!ESSHSRGSMT	408	>GATA3-S19!ESFHSRGSMT	771	363
>GATA3-S19!ESSHSRGSMT	1294	>GATA3-S19!ESFHSRGSMT	274	1020
>GATA3-S19!ESSHSRGSMT	848	>GATA3-S19!ESFHSRGSMT	142	706
>GATA3-S19!ESSHSRGSMT	119	>GATA3-S19!ESFHSRGSMT	32	87
>GATA3-S19!ESSHSRGSMT	1945	>GATA3-S19!ESFHSRGSMT	170	1775
>GATA3-S19!ESSHSRGSMT	228	>GATA3-S19!ESFHSRGSMT	24	204
>GATA3-S19!ESSHSRGSMT	520	>GATA3-S19!ESFHSRGSMT	86	434
>GATA3-S19!LESSHSRGSMT	345	>GATA3-S19!LESFHSRGSMT	372	27
>GATA3-S19!LESSHSRGSMT	407	>GATA3-S19!LESFHSRGSMT	536	129
>GATA3-S19!LESSHSRGSMT	551	>GATA3-S19!LESFHSRGSMT	312	239
>GATA3-S19!LESSHSRGSMT	204	>GATA3-S19!LESFHSRGSMT	122	82
>GATA3-S19!LESSHSRGSMT	104	>GATA3-S19!LESFHSRGSMT	106	2
>GATA3-S19!KLESSHSR	22	>GATA3-S19!KLESFHSR	11	11
>GATA3-S19!KLESSHSRGSMT	196	>GATA3-S19!KLESFHSRGSMT	121	75
>GATA3-S19!KLESSHSR	86	>GATA3-S19!KLESFHSR	27	59
>GATA3-S19!MKLESSHSR	341	>GATA3-S19!MKLESFHSR	203	138
>GATA3-S19!MKLESSHSR	332	>GATA3-S19!MKLESFHSR	699	367
>GATA3-S19!MKLESSHSR	38	>GATA3-S19!MKLESFHSR	25	13
>GATA3-S19!MKLESSHSR	374	>GATA3-S19!MKLESFHSR	126	248
>GATA3-S19!SMKLESSHSR	40	>GATA3-S19!SMKLESFHSR	13	27
>GATA3-S19!SMKLESSHSR	600	>GATA3-S19!SMKLESFHSR	181	419
>GATA3-S19!SMKLESSHSR	487	>GATA3-S19!SMKLESFHSR	329	158
>GATA3-S19!SMKLESSHSR	188	>GATA3-S19!SMKLESFHSR	71	117

>GATA3-S19:DSMKLESS	17372	>GATA3-S19:DSMKLESF	107	17265
>GATA3-S19:DSMKLESSHS	1489	>GATA3-S19:DSMKLESFHS	401	1088
>GATA3-S19:DSMKLESSHS	36	>GATA3-S19:DSMKLESFHS	18	18
>GATA3-S19:DSMKLESSHS	9	>GATA3-S19:DSMKLESFHS	7	2
>GATA3-S19:DSMKLESS	24542	>GATA3-S19:DSMKLESF	461	24081
>GATA3-S19:DSMKLESSHS	1037	>GATA3-S19:DSMKLESFHS	499	538
>GATA3-S19:LPDSMKLESS	33182	>GATA3-S19:LPDSMKLESF	145	33037
>GATA3-S19:LPDSMKLESS	5657	>GATA3-S19:LPDSMKLESF	62	5595
>GATA3-S19:LPDSMKLESS	168	>GATA3-S19:LPDSMKLESF	575	407
>GATA3-S19:LPDSMKLESS	8916	>GATA3-S19:LPDSMKLESF	260	8656
>GATA3-S19:LPDSMKLESS	15974	>GATA3-S19:LPDSMKLESF	50	15924
>GATA3-S40:SLSHISPF	1537	>GATA3-S40:FLSHISPF	86	1451
>GATA3-S40:SLSHISPF	100	>GATA3-S40:FLSHISPF	8	92
>GATA3-S40:SLSHISPF	83	>GATA3-S40:FLSHISPF	7	76
>GATA3-S40:SLSHISPFHS	413	>GATA3-S40:FLSHISPFHS	25	388
>GATA3-S40:SLSHISPF	301	>GATA3-S40:FLSHISPF	32	269
>GATA3-S40:SLSHISPF	897	>GATA3-S40:FLSHISPF	57	840
>GATA3-S40:SLSHISPFHS	690	>GATA3-S40:FLSHISPFHS	47	643
>GATA3-S40:SLSHISPF	1427	>GATA3-S40:FLSHISPF	108	1319
>GATA3-S40:SLSHISPF	2713	>GATA3-S40:FLSHISPF	199	2514
>GATA3-S40:SLSHISPFHS	4030	>GATA3-S40:FLSHISPFHS	263	3767
>GATA3-S40:SLSHISPF	2163	>GATA3-S40:FLSHISPF	303	1860
>GATA3-S40:SLSHISPF	1772	>GATA3-S40:FLSHISPF	237	1535
>GATA3-S40:SLSHISPF	317	>GATA3-S40:FLSHISPF	132	185
>GATA3-S40:SLSHISPF	1777	>GATA3-S40:FLSHISPF	293	1484
>GATA3-S40:SLSHISPF	1437	>GATA3-S40:FLSHISPF	91	1346
>GATA3-S40:SLSHISPFHS	2068	>GATA3-S40:FLSHISPFHS	166	1902
>GATA3-S40:SLSHISPF	2003	>GATA3-S40:FLSHISPF	400	1603
>GATA3-S40:SLSHISPF	227	>GATA3-S40:FLSHISPF	1999	1772
>GATA3-S40:SLSHISPF	35	>GATA3-S40:FLSHISPF	32	3
>GATA3-S40:SLSHISPF	150	>GATA3-S40:FLSHISPF	52	98
>GATA3-S40:SLSHISPF	24	>GATA3-S40:FLSHISPF	9	15
>GATA3-S40:SLSHISPF	638	>GATA3-S40:FLSHISPF	94	544
>GATA3-S40:SSLSHISPF	98	>GATA3-S40:SFLSHISPF	392	294
>GATA3-S40:SSLSHISPFHS	364	>GATA3-S40:SFLSHISPFHS	8518	8154
>GATA3-S40:SSLSHISPF	5867	>GATA3-S40:SFLSHISPF	181	5686
>GATA3-S40:SSLSHISPF	4412	>GATA3-S40:SFLSHISPF	15	4397
>GATA3-S40:SSLSHISPF	9	>GATA3-S40:SFLSHISPF	141	132
>GATA3-S40:SSLSHISPF	314	>GATA3-S40:SFLSHISPF	3957	3643
>GATA3-S40:SSLSHISPF	37	>GATA3-S40:SFLSHISPF	211	174
>GATA3-S40:SSLSHISPF	1046	>GATA3-S40:SFLSHISPF	118	928
>GATA3-S40:SSLSHISPF	5	>GATA3-S40:SFLSHISPF	80	75
>GATA3-S40:SSLSHISPF	5	>GATA3-S40:SFLSHISPF	14413	14408

>GATA3-S40: SSSLHISPF	489	>GATA3-S40: SFLSHISPF	26832	26343
>GATA3-S40: SSSLHISPF	364	>GATA3-S40: SFLSHISPF	495	131
>GATA3-S40: SSSLHISPF	19	>GATA3-S40: SFLSHISPF	759	740
>GATA3-S40: SSSLHISPF	116	>GATA3-S40: SFLSHISPF	1379	1263
>GATA3-S40: NPAALSRHM	2104	>GATA3-S40: NPAALSRHM	19	2085
>GATA3-S40: NPAALSRHM	3422	>GATA3-S40: NPAALSRHM	446	2976
>GATA3-S40: NPAALSRHM	1878	>GATA3-S40: NPAALSRHM	30	1848
>GATA3-S40: NPAALSRHM	19747	>GATA3-S40: NPAALSRHM	417	19330
>GATA3-S40: NPAALSRHM	3063	>GATA3-S40: NPAALSRHM	31	3032
>GATA3-S40: NPAALSRHM	22861	>GATA3-S40: NPAALSRHM	265	22596
>GATA3-S40: MSSLSHISP	1891	>GATA3-S40: MSFLSHISP	331	1560
>GATA3-S40: MSSLSHISPF	224	>GATA3-S40: MSFLSHISPF	41	183
>GATA3-S40: MSSLSHISPF	1888	>GATA3-S40: MSFLSHISPF	71	1817
>GATA3-S40: MSSLSHISPF	2464	>GATA3-S40: MSFLSHISPF	334	2130
>GATA3-S40: MSSLSHISPF	42	>GATA3-S40: MSFLSHISPF	27	15
>GATA3-S40: MSSLSHISPF	6	>GATA3-S40: MSFLSHISPF	2	4
>GATA3-S40: MSSLSHISPF	3	>GATA3-S40: MSFLSHISPF	3	0
>GATA3-S40: MSSLSHISPF	892	>GATA3-S40: MSFLSHISPF	180	712
>GATA3-S40: MSSLSHISPF	52	>GATA3-S40: MSFLSHISPF	48	4
>GATA3-S40: MSSLSHISPF	229	>GATA3-S40: MSFLSHISPF	327	98
>GATA3-S40: MSSLSHISPF	23	>GATA3-S40: MSFLSHISPF	52	29
>GATA3-S40: HMSSLSHI	236	>GATA3-S40: HMSFLSHI	325	89
>GATA3-S40: HMSSLSHI	9	>GATA3-S40: HMSFLSHI	11	2
>GATA3-S40: HMSSLSHIS	412	>GATA3-S40: HMSFLSHIS	715	303
>GATA3-S40: HMSSLSHISP	104	>GATA3-S40: HMSFLSHISP	194	90
>GATA3-S40: HMSSLSHI	12	>GATA3-S40: HMSFLSHI	13	1
>GATA3-S40: HMSSLSHISP	371	>GATA3-S40: HMSFLSHISP	442	71
>GATA3-S40: HMSSLSHI	256	>GATA3-S40: HMSFLSHI	337	81
>GATA3-S40: HMSSLSHI	66	>GATA3-S40: HMSFLSHI	90	24
>GATA3-S40: HMSSLSHI	21	>GATA3-S40: HMSFLSHI	29	8
>GATA3-S40: HMSSLSHI	69	>GATA3-S40: HMSFLSHI	117	48
>GATA3-S40: HMSSLSHI	319	>GATA3-S40: HMSFLSHI	346	27
>GATA3-S40: HMSSLSHI	31	>GATA3-S40: HMSFLSHI	87	56
>GATA3-S40: HMSSLSHISP	522	>GATA3-S40: HMSFLSHISP	380	142
>GATA3-S40: HMSSLSHISP	212	>GATA3-S40: HMSFLSHISP	108	104
>GATA3-S40: HMSSLSHI	1217	>GATA3-S40: HMSFLSHI	460	757
>GATA3-S40: HMSSLSHI	320	>GATA3-S40: HMSFLSHI	467	147
>GATA3-S40: HMSSLSHISP	21	>GATA3-S40: HMSFLSHISP	24	3
>GATA3-S40: HMSSLSHISP	39	>GATA3-S40: HMSFLSHISP	67	28
>GATA3-S40: HMSSLSHI	170	>GATA3-S40: HMSFLSHI	565	395
>GATA3-S40: HMSSLSHISP	4	>GATA3-S40: HMSFLSHISP	6	2
>GATA3-S40: HMSSLSHISP	212	>GATA3-S40: HMSFLSHISP	239	27
>GATA3-S40: HMSSLSHISP	39	>GATA3-S40: HMSFLSHISP	53	14



>GATA3-S40:HMSSSLHISP	243	>GATA3-S40:HMSFSLHISP	1068	825
>GATA3-S40:HMSSSLHISP	110	>GATA3-S40:HMSFSLHISP	261	151
>GATA3-S40:RHMSSSLHI	4416	>GATA3-S40:RHMSFSLHI	244	4172
>GATA3-S40:RHMSSSLHI	22	>GATA3-S40:RHMSFSLHI	464	442
>GATA3-S40:RHMSSSLH	84	>GATA3-S40:RHMSFSLH	92	8
>GATA3-S40:RHMSSSLHI	17	>GATA3-S40:RHMSFSLHI	29	12
>GATA3-S40:RHMSSSLHIS	349	>GATA3-S40:RHMSFSLHIS	521	172
>GATA3-S40:RHMSSSLHI	234	>GATA3-S40:RHMSFSLHI	71	163
>GATA3-S40:RHMSSSLHI	348	>GATA3-S40:RHMSFSLHI	208	140
>GATA3-S40:SRHMSSSLH	167	>GATA3-S40:SRHMSFSLH	129	38
>GATA3-S40:SRHMSSSLHI	56	>GATA3-S40:SRHMSFSLHI	64	8
>GATA3-S40:SRHMSSSLH	1236	>GATA3-S40:SRHMSFSLH	473	763
>GATA3-S40:SRHMSSSLHI	198	>GATA3-S40:SRHMSFSLHI	144	54
>GATA3-S40:SRHMSSSLHI	831	>GATA3-S40:SRHMSFSLHI	438	393
>GATA3-S40:LSRHMSSSL	33	>GATA3-S40:LSRHMSFSL	15	18
>GATA3-S40:LSRHMSSSL	69	>GATA3-S40:LSRHMSFSL	48	21
>GATA3-S40:LSRHMSSSLH	94	>GATA3-S40:LSRHMSFSLH	109	15
>GATA3-S40:LSRHMSSSLH	13	>GATA3-S40:LSRHMSFSLH	12	1
>GATA3-S40:LSRHMSSSL	294	>GATA3-S40:LSRHMSFSL	5580	5286
>GATA3-S40:LSRHMSSSL	175	>GATA3-S40:LSRHMSFSL	964	789
>GATA3-S40:LSRHMSSSLH	240	>GATA3-S40:LSRHMSFSLH	383	143
>GATA3-S40:LSRHMSSSLH	363	>GATA3-S40:LSRHMSFSLH	662	299
>GATA3-S40:LSRHMSSSL	64	>GATA3-S40:LSRHMSFSL	224	160
>GATA3-S40:LSRHMSSSLH	340	>GATA3-S40:LSRHMSFSLH	405	65
>GATA3-S40:LSRHMSSSLH	109	>GATA3-S40:LSRHMSFSLH	211	102
>GATA3-S40:LSRHMSSSL	4	>GATA3-S40:LSRHMSFSL	5	1
>GATA3-S40:LSRHMSSSLH	30	>GATA3-S40:LSRHMSFSLH	86	56
>GATA3-S40:LSRHMSSSLH	9	>GATA3-S40:LSRHMSFSLH	15	6
>GATA3-S40:LSRHMSSSL	338	>GATA3-S40:LSRHMSFSL	652	314
>GATA3-S40:LSRHMSSSL	26	>GATA3-S40:LSRHMSFSL	520	494
>GATA3-S40:LSRHMSSSLH	14	>GATA3-S40:LSRHMSFSLH	30	16
>GATA3-S40:LSRHMSSSL	242	>GATA3-S40:LSRHMSFSL	295	53
>GATA3-S40:LSRHMSSSLH	17	>GATA3-S40:LSRHMSFSLH	18	1
>GATA3-S40:ALSRHMSSSL	222	>GATA3-S40:ALSRHMSFSL	83	139
>GATA3-S40:ALSRHMSSSL	5	>GATA3-S40:ALSRHMSFSL	3	2
>GATA3-S40:ALSRHMSSSL	4	>GATA3-S40:ALSRHMSFSL	4	0
>GATA3-S40:ALSRHMSSSL	294	>GATA3-S40:ALSRHMSFSL	114	180
>GATA3-S40:ALSRHMSSSL	71	>GATA3-S40:ALSRHMSFSL	37	34
>GATA3-S40:ALSRHMSSSL	111	>GATA3-S40:ALSRHMSFSL	53	58
>GATA3-S40:ALSRHMSSSL	749	>GATA3-S40:ALSRHMSFSL	88	661
>GATA3-S40:ALSRHMSSSL	3	>GATA3-S40:ALSRHMSFSL	5	2
>GATA3-S40:ALSRHMSSSL	177	>GATA3-S40:ALSRHMSFSL	143	34
>GATA3-S40:ALSRHMSSSL	837	>GATA3-S40:ALSRHMSFSL	154	683

>GATA3-S40:ALSRHMSS	18532	>GATA3-S40:ALSRHMSF	315	18217
>GATA3-S40:ALSRHMSS	5135	>GATA3-S40:ALSRHMSF	395	4740
>GATA3-S40:ALSRHMSSL	82	>GATA3-S40:ALSRHMSFL	626	544
>GATA3-S40:ALSRHMSS	10499	>GATA3-S40:ALSRHMSF	57	10442
>GATA3-S40:ALSRHMSSL	309	>GATA3-S40:ALSRHMSFL	1920	1611
>GATA3-S40:ALSRHMSS	7199	>GATA3-S40:ALSRHMSF	17	7182
>GATA3-S40:ALSRHMSSL	266	>GATA3-S40:ALSRHMSFL	955	689
>GATA3-S40:AALSRHMSS	8140	>GATA3-S40:AALSRHMSF	317	7823
>GATA3-S40:AALSRHMSSL	499	>GATA3-S40:AALSRHMSFL	326	173
>GATA3-S40:AALSRHMSSL	665	>GATA3-S40:AALSRHMSFL	236	429
>GATA3-S40:AALSRHMSS	1899	>GATA3-S40:AALSRHMSF	73	1826
>GATA3-S40:AALSRHMSS	17947	>GATA3-S40:AALSRHMSF	286	17661
>GATA3-S40:AALSRHMSS	3262	>GATA3-S40:AALSRHMSF	8	3254
>GATA3-S40:AALSRHMSSL	90	>GATA3-S40:AALSRHMSFL	345	255
>GATA3-S40:AALSRHMSS	12422	>GATA3-S40:AALSRHMSF	7	12415
>GATA3-S40:AALSRHMSSL	24	>GATA3-S40:AALSRHMSFL	49	25
>GATA3-S40:AALSRHMSS	13548	>GATA3-S40:AALSRHMSF	196	13352
>GATA3-S40:PAALSRHMSS	22443	>GATA3-S40:PAALSRHMSF	281	22162
>GMPS-P359PEEVFLAQGT	409	>GMPS-P359AEEVFLAQGT	17	392
>GMPS-P359PEEVFLAQGT	11802	>GMPS-P359AEEVFLAQGT	340	11462
>GMPS-P359PEEVFLAQGT	9989	>GMPS-P359AEEVFLAQGT	197	9792
>GMPS-P359PEEVFLAQGT	6098	>GMPS-P359AEEVFLAQGT	154	5944
>GMPS-P359PEEVFLAQ	7661	>GMPS-P359AEEVFLAQ	70	7591
>GMPS-P359PEEVFLAQQ	19813	>GMPS-P359AEEVFLAQQ	460	19353
>GMPS-P359PEEVFLAQGT	2577	>GMPS-P359AEEVFLAQGT	36	2541
>GMPS-P359PEEVFLAQGT	16393	>GMPS-P359AEEVFLAQGT	230	16163
>GMPS-P359PEEVFLAQQ	12085	>GMPS-P359AEEVFLAQQ	495	11590
>GMPS-P359PEEVFLAQGT	7925	>GMPS-P359AEEVFLAQGT	165	7760
>GMPS-P359PEEVFLAQGT	1066	>GMPS-P359AEEVFLAQGT	30	1036
>GMPS-P359KPEEVFLA	10311	>GMPS-P359KAEEVFLA	228	10083
>GMPS-P359KPEEVFLA	498	>GMPS-P359KAEEVFLA	17709	17211
>GMPS-P359NEVIGEMNLI	13895	>GMPS-P359NEVIGEMNLI	189	13706
>GMPS-P359LKPEEVFL	4203	>GMPS-P359LKAEEVFL	324	3879
>GMPS-P359LKPEEVFLA	5347	>GMPS-P359LKAEEVFLA	448	4899
>GMPS-P359LKPEEVFL	873	>GMPS-P359LKAEEVFL	133	740
>GMPS-P359NLKPEEVFL	55	>GMPS-P359NLKAEVFL	36	19
>GMPS-P359NLKPEEVFLA	350	>GMPS-P359NLKAEVFLA	192	158
>GMPS-P359NLKPEEVFLA	665	>GMPS-P359NLKAEVFLA	371	294
>GMPS-P359NLKPEEVFL	54	>GMPS-P359NLKAEVFL	113	59
>GMPS-P359NLKPEEVFLA	109	>GMPS-P359NLKAEVFLA	239	130
>GMPS-P359NLKPEEVF	316	>GMPS-P359NLKAEVVF	219	97
>GMPS-P359NLKPEEVF	732	>GMPS-P359NLKAEVVF	483	249
>GMPS-P359NLKPEEVF	464	>GMPS-P359NLKAEVVF	484	20

>GMPS-P359 MNLKPEEVF	49	>GMPS-P359 MNLKAEVVF	71	22
>GMPS-P359 MNLKPEEVF	385	>GMPS-P359 MNLKAEVVF	1022	637
>GMPS-P359 EMNLKPEEV	660	>GMPS-P359 EMNLKAEVVF	483	177
>GMPS-P359 EMNLKPEEVF	290	>GMPS-P359 EMNLKAEVVI	220	70
>GMPS-P359 EMNLKPEEV	318	>GMPS-P359 EMNLKAEVVF	642	324
>GMPS-P359 EMNLKPEEV	19	>GMPS-P359 EMNLKAEVVF	51	32
>GMPS-P359 EMNLKPEEVF	342	>GMPS-P359 EMNLKAEVVI	640	298
>GMPS-P359 EMNLKPEEV	333	>GMPS-P359 EMNLKAEVVF	479	146
>GMPS-P359 EMNLKPEEV	132	>GMPS-P359 EMNLKAEVVF	159	27
>GMPS-P359 EMNLKPEEV	21	>GMPS-P359 EMNLKAEVVF	28	7
>GMPS-P359 EMNLKPEEVF	127	>GMPS-P359 EMNLKAEVVI	163	36
>GMPS-P359 EMNLKPEEV	44	>GMPS-P359 EMNLKAEVVF	39	5
>GMPS-P359 EMNLKPEEVF	357	>GMPS-P359 EMNLKAEVVI	371	14
>GMPS-P359 EMNLKPEEV	318	>GMPS-P359 EMNLKAEVVF	266	52
>GMPS-P359 EMNLKPEEV	742	>GMPS-P359 EMNLKAEVVF	371	371
>GMPS-P359 EMNLKPEEVF	750	>GMPS-P359 EMNLKAEVVI	367	383
>GMPS-P359 EMNLKPEEVF	204	>GMPS-P359 EMNLKAEVVI	270	66
>GMPS-P359 GEMNLKPEE\	257	>GMPS-P359 GEMNLKAEV\	63	194
>GMPS-P359 GEMNLKPEE\	893	>GMPS-P359 GEMNLKAEV\	490	403
>GMPS-P359 GEMNLKPEE\	323	>GMPS-P359 GEMNLKAEV\	378	55
>GMPS-P359 GEMNLKPEE\	103	>GMPS-P359 GEMNLKAEV\	79	24
>GMPS-P359 GEMNLKPEE	427	>GMPS-P359 GEMNLKAEV	2285	1858
>GMPS-P359 GEMNLKPEE\	98	>GMPS-P359 GEMNLKAEV\	121	23
>GMPS-P359 GEMNLKPEE\	235	>GMPS-P359 GEMNLKAEV\	272	37
>GMPS-P359 GEMNLKPEE\	142	>GMPS-P359 GEMNLKAEV\	103	39
>GMPS-P359 GEMNLKPEE	248	>GMPS-P359 GEMNLKAEV	519	271
>GMPS-P359 GEMNLKPEE\	54	>GMPS-P359 GEMNLKAEV\	52	2
>GMPS-P359 GEMNLKPEE\	19	>GMPS-P359 GEMNLKAEV\	19	0
>GMPS-P359 EVIGEMNLKF	565	>GMPS-P359 EVIGEMNLKAEV	367	198
>GMPS-P359 EVIGEMNLKF	595	>GMPS-P359 EVIGEMNLKAEV	119	476
>GMPS-P359 EVIGEMNLKF	14	>GMPS-P359 EVIGEMNLKAEV	12	2
>GMPS-P359 EVIGEMNLKF	11244	>GMPS-P359 EVIGEMNLKAEV	354	10890
>GNA11-D33 DTENIRFV	15095	>GNA11-D33 YTENIRFV	347	14748
>GNA11-D33 DTENIRFV	16596	>GNA11-D33 YTENIRFV	73	16523
>GNA11-D33 DTENIRFVFA	8624	>GNA11-D33 YTENIRFVFA	208	8416
>GNA11-D33 DTENIRFVFA	19606	>GNA11-D33 YTENIRFVFA	148	19458
>GNA11-D33 DTENIRFV	10906	>GNA11-D33 YTENIRFV	70	10836
>GNA11-D33 DTENIRFV	11818	>GNA11-D33 YTENIRFV	76	11742
>GNA11-D33 DTENIRFVF	5383	>GNA11-D33 YTENIRFVF	449	4934
>GNA11-D33 DTENIRFVF	12687	>GNA11-D33 YTENIRFVF	382	12305
>GNA11-D33 DTENIRFVF	662	>GNA11-D33 YTENIRFVF	190	472
>GNA11-D33 DTENIRFV	66	>GNA11-D33 YTENIRFV	45	21
>GNA11-D33 DTENIRFVFA	634	>GNA11-D33 YTENIRFVFA	222	412

>GNA11-D33 DTENIRFVFA/	131	>GNA11-D33 YTENIRFVFA/	93	38
>GNA11-D33 DTENIRFV	334	>GNA11-D33 YTENIRFV	163	171
>GNA11-D33 DTENIRFVFA/	868	>GNA11-D33 YTENIRFVFA/	460	408
>GNA11-D33 DTENIRFVF	4369	>GNA11-D33 YTENIRFVF	22	4347
>GNA11-D33 DTENIRFVF	8532	>GNA11-D33 YTENIRFVF	102	8430
>GNA11-D33 DTENIRFVF	195	>GNA11-D33 YTENIRFVF	6	189
>GNA11-D33 DTENIRFVF	12050	>GNA11-D33 YTENIRFVF	371	11679
>GNA11-D33 TDTENIRFV	32205	>GNA11-D33 TYTENIRFV	456	31749
>GNA11-D33 TDTENIRFV	181	>GNA11-D33 TYTENIRFV	1841	1660
>GNA11-D33 TDTENIRF	16444	>GNA11-D33 TYTENIRF	50	16394
>GNA11-D33 TDTENIRFVF	9011	>GNA11-D33 TYTENIRFVF	14	8997
>GNA11-D33 TDTENIRF	23300	>GNA11-D33 TYTENIRF	295	23005
>GNA11-D33 TDTENIRFVF	15623	>GNA11-D33 TYTENIRFVF	33	15590
>GNA11-D33 TDTENIRF	22228	>GNA11-D33 TYTENIRF	9	22219
>GNA11-D33 TDTENIRFVF	17953	>GNA11-D33 TYTENIRFVF	5	17948
>GNA11-D33 TDTENIRFVF	7775	>GNA11-D33 TYTENIRFVF	83	7692
>GNA11-D33 TDTENIRFV	32298	>GNA11-D33 TYTENIRFV	387	31911
>GNA11-D33 TDTENIRFVF/	31110	>GNA11-D33 TYTENIRFVF/	447	30663
>GNA11-D33 TDTENIRFV	61	>GNA11-D33 TYTENIRFV	15602	15541
>GNA11-D33 IIYSHFTCATD	3534	>GNA11-D33 IIYSHFTCATY	287	3247
>GNA11-D33 IIYSHFTCATD	11130	>GNA11-D33 IIYSHFTCATY	57	11073
>GNA11-D33 IIYSHFTCATD	22885	>GNA11-D33 IIYSHFTCATY	407	22478
>GNA11-D33 IIYSHFTCATD	32687	>GNA11-D33 IIYSHFTCATY	209	32478
>GNA11-D33 IIYSHFTCATD	19765	>GNA11-D33 IIYSHFTCATY	14	19751
>GNA11-D33 IIYSHFTCATD	23833	>GNA11-D33 IIYSHFTCATY	41	23792
>GNA11-D33 IIYSHFTCATD	15375	>GNA11-D33 IIYSHFTCATY	311	15064
>GNA11-D33 IIYSHFTCATD	13909	>GNA11-D33 IIYSHFTCATY	41	13868
>GNA11-D33 IIYSHFTCATD	30145	>GNA11-D33 IIYSHFTCATY	192	29953
>GNA11-D33 IIYSHFTCATD	10430	>GNA11-D33 IIYSHFTCATY	20	10410
>GNA11-D33 IIYSHFTCATD	18053	>GNA11-D33 IIYSHFTCATY	31	18022
>GNA11-D33 IIYSHFTCATD	19403	>GNA11-D33 IIYSHFTCATY	150	19253
>GNA11-D33 IIYSHFTCATD	13744	>GNA11-D33 IIYSHFTCATY	33	13711
>GNA11-D33 IIYSHFTCATD	27008	>GNA11-D33 IIYSHFTCATY	53	26955
>GNA11-D33 ATDTENIRF	68	>GNA11-D33 ATYTENIRF	11198	11130
>GNA11-D33 ATDTENIRFV/	170	>GNA11-D33 ATYTENIRFV/	14278	14108
>GNA11-D33 ATDTENIRFV	1766	>GNA11-D33 ATYTENIRFV	354	1412
>GNA11-D33 ATDTENIRFV	1033	>GNA11-D33 ATYTENIRFV	159	874
>GNA11-D33 ATDTENIRFV	576	>GNA11-D33 ATYTENIRFV	49	527
>GNA11-D33 ATDTENIRFV	873	>GNA11-D33 ATYTENIRFV	194	679
>GNA11-D33 ATDTENIRFV	72	>GNA11-D33 ATYTENIRFV	19	53
>GNA11-D33 ATDTENIRFV	830	>GNA11-D33 ATYTENIRFV	449	381
>GNA11-D33 ATDTENIRFV	330	>GNA11-D33 ATYTENIRFV	95	235
>GNA11-D33 ATDTENIRFV	821	>GNA11-D33 ATYTENIRFV	110	711

>GNA11-D33 ATDTENIR	1787	>GNA11-D33 ATYTENIR	122	1665
>GNA11-D33 ATDTENIRF	7804	>GNA11-D33 ATYTENIRF	77	7727
>GNA11-D33 ATDTENIRFV	10384	>GNA11-D33 ATYTENIRFV	204	10180
>GNA11-D33 ATDTENIRFV	8374	>GNA11-D33 ATYTENIRFV	291	8083
>GNA11-D33 ATDTENIR	4610	>GNA11-D33 ATYTENIR	113	4497
>GNA11-D33 ATDTENIRF	1204	>GNA11-D33 ATYTENIRF	49	1155
>GNA11-D33 ATDTENIRFV	263	>GNA11-D33 ATYTENIRFV	19	244
>GNA11-D33 ATDTENIR	898	>GNA11-D33 ATYTENIR	32	866
>GNA11-D33 ATDTENIRFV	1638	>GNA11-D33 ATYTENIRFV	161	1477
>GNA11-D33 ATDTENIRFV	713	>GNA11-D33 ATYTENIRFV	236	477
>GNA11-D33 ATDTENIRFV	9830	>GNA11-D33 ATYTENIRFV	286	9544
>GNA11-D33 ATDTENIRF	6786	>GNA11-D33 ATYTENIRF	53	6733
>GNA11-D33 ATDTENIRFV	2962	>GNA11-D33 ATYTENIRFV	23	2939
>GNA11-D33 ATDTENIRF	17	>GNA11-D33 ATYTENIRF	4	13
>GNA11-D33 ATDTENIRFV	5003	>GNA11-D33 ATYTENIRFV	327	4676
>GNA11-D33 ATDTENIRFV	37	>GNA11-D33 ATYTENIRFV	5	32
>GNA11-D33 ATDTENIRFV	1266	>GNA11-D33 ATYTENIRFV	170	1096
>GNA11-D33 ATDTENIRFV	861	>GNA11-D33 ATYTENIRFV	367	494
>GNA11-D33 ATDTENIRFV	949	>GNA11-D33 ATYTENIRFV	370	579
>GNA11-D33 ATDTENIRF	595	>GNA11-D33 ATYTENIRF	67	528
>GNA11-D33 ATDTENIRFV	2871	>GNA11-D33 ATYTENIRFV	351	2520
>GNA11-D33 ATDTENIRFV	204	>GNA11-D33 ATYTENIRFV	30	174
>GNA11-D33 ATDTENIR	1415	>GNA11-D33 ATYTENIR	309	1106
>GNA11-D33 CATDTENIR	61	>GNA11-D33 CATYTENIR	30	31
>GNA11-D33 CATDTENIRF	478	>GNA11-D33 CATYTENIRF	366	112
>GNA11-D33 CATDTENIRF	402	>GNA11-D33 CATYTENIRF	864	462
>GNA11-D33 CATDTENI	110	>GNA11-D33 CATYTENI	83	27
>GNA11-D33 TCATDTENI	165	>GNA11-D33 TCATYTENI	58	107
>GNA11-D33 FTCATDTENI	217	>GNA11-D33 FTCATYTENI	92	125
>GNA11-D33 FTCATDTENI	163	>GNA11-D33 FTCATYTENI	87	76
>GNA11-D33 FTCATDTENI	109	>GNA11-D33 FTCATYTENI	76	33
>GNA11-D33 FTCATDTENI	653	>GNA11-D33 FTCATYTENI	198	455
>GNA11-D33 FTCATDTENIF	1170	>GNA11-D33 FTCATYTENIF	449	721
>GNA11-D33 FTCATDTENIF	685	>GNA11-D33 FTCATYTENIF	377	308
>GNA11-D33 FTCATDTENIF	9	>GNA11-D33 FTCATYTENIF	9	0
>GNA11-D33 FTCATDTENI	81	>GNA11-D33 FTCATYTENI	29	52
>GNA11-D33 FTCATDTENI	1366	>GNA11-D33 FTCATYTENI	196	1170
>GNA11-D33 FTCATDTENI	361	>GNA11-D33 FTCATYTENI	283	78
>GNA11-D33 FTCATDTENI	153	>GNA11-D33 FTCATYTENI	62	91
>GNA11-D33 HFTCATDTEN	727	>GNA11-D33 HFTCATYTEN	245	482
>GNA11-D33 HFTCATDTEN	131	>GNA11-D33 HFTCATYTEN	97	34
>GNA11-D33 SHFTCATD	25155	>GNA11-D33 SHFTCATY	133	25022
>GNA11-D33 SHFTCATD	28167	>GNA11-D33 SHFTCATY	74	28093

>GNA11-D33 SHFTCATD	16087	>GNA11-D33 SHFTCATY	17	16070
>GNA11-D33 SHFTCATD	38699	>GNA11-D33 SHFTCATY	404	38295
>GNA11-D33 YSHFTCATD	34797	>GNA11-D33 YSHFTCATY	335	34462
>GNA11-D33 YSHFTCATD	21662	>GNA11-D33 YSHFTCATY	27	21635
>GNA11-D33 YSHFTCATD	21320	>GNA11-D33 YSHFTCATY	33	21287
>GNA11-D33 YSHFTCATD	15474	>GNA11-D33 YSHFTCATY	197	15277
>GNA11-D33 YSHFTCATD	15606	>GNA11-D33 YSHFTCATY	40	15566
>GNA11-D33 YSHFTCATD	12008	>GNA11-D33 YSHFTCATY	42	11966
>GNA11-D33 YSHFTCATD	4055	>GNA11-D33 YSHFTCATY	3	4052
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>GNA11-D33 YSHFTCATD	2671	>GNA11-D33 YSHFTCATY	5	2666
>GNA11-D33 YSHFTCATD	37698	>GNA11-D33 YSHFTCATY	336	37362
>GNA11-D33 YSHFTCATD	36057	>GNA11-D33 YSHFTCATY	273	35784
>GNA11-D33 IYSHFTCATD	17702	>GNA11-D33 IYSHFTCATY	21	17681
>GNA11-D33 IYSHFTCATD	13597	>GNA11-D33 IYSHFTCATY	12	13585
>GNA11-D33 IYSHFTCATD	26389	>GNA11-D33 IYSHFTCATY	441	25948
>GNA11-D33 IYSHFTCATD	21635	>GNA11-D33 IYSHFTCATY	169	21466
>GNA11-D33 IYSHFTCATD	36254	>GNA11-D33 IYSHFTCATY	354	35900
>GNA11-N26 NSSVILFL	296	>GNA11-N26 KSSVILFL	117	179
>GNA11-N26 NSSVILFLNK	210	>GNA11-N26 KSSVILFLNK	46	164
>GNA11-N26 NSSVILFLNKK	2932	>GNA11-N26 KSSVILFLNKK	91	2841
>GNA11-N26 NSSVILFLNK	17	>GNA11-N26 KSSVILFLNK	10	7
>GNA11-N26 NSSVILFLNKK	69	>GNA11-N26 KSSVILFLNKK	14	55
>GNA11-N26 NSSVILFL	11240	>GNA11-N26 KSSVILFL	147	11093
>GNA11-N26 NSSVILFLNK	2701	>GNA11-N26 KSSVILFLNK	9	2692
>GNA11-N26 NSSVILFLNKK	5195	>GNA11-N26 KSSVILFLNKK	17	5178
>GNA11-N26 NSSVILFLNK	639	>GNA11-N26 KSSVILFLNK	64	575
>GNA11-N26 NSSVILFLNKK	2000	>GNA11-N26 KSSVILFLNKK	61	1939
>GNA11-N26 NSSVILFLNK	32	>GNA11-N26 KSSVILFLNK	748	716
>GNA11-N26 NSSVILFLNKK	24	>GNA11-N26 KSSVILFLNKK	644	620
>GNA11-N26 NSSVILFL	102	>GNA11-N26 KSSVILFL	5421	5319
>GNA11-N26 NSSVILFL	1635	>GNA11-N26 KSSVILFL	14	1621
>GNA11-N26 NSSVILFL	5370	>GNA11-N26 KSSVILFL	24	5346
>GNA11-N26 NSSVILFL	1042	>GNA11-N26 KSSVILFL	380	662
>GNA11-N26 NSSVILFL	628	>GNA11-N26 KSSVILFL	199	429
>GNA11-N26 NSSVILFLNK	187	>GNA11-N26 KSSVILFLNK	112	75
>GNA11-N26 NSSVILFL	1939	>GNA11-N26 KSSVILFL	237	1702
>GNA11-N26 QNSSVILFLNK	390	>GNA11-N26 QKSSVILFLNK	3447	3057
>GNA11-N26 QNSSVILF	410	>GNA11-N26 QKSSVILF	7	403
>GNA11-N26 QNSSVILFL	5044	>GNA11-N26 QKSSVILFL	77	4967
>GNA11-N26 RTIITYPWFQI	18052	>GNA11-N26 RTIITYPWFQI	109	17943
>GNA11-N26 RTIITYPWFQI	7377	>GNA11-N26 RTIITYPWFQI	11	7366
>GNA11-N26 RTIITYPWFQI	1514	>GNA11-N26 RTIITYPWFQI	6	1508

>GNA11-N26 RTIITYPWFQI	1746	>GNA11-N26 RTIITYPWFQI	18	1728
>GNA11-N26 RTIITYPWFQI	12176	>GNA11-N26 RTIITYPWFQI	90	12086
>GNA11-N26 RTIITYPWFQI	153	>GNA11-N26 RTIITYPWFQI	391	238
>GNA11-N26 RTIITYPWFQI	1310	>GNA11-N26 RTIITYPWFQI	97	1213
>GNA11-N26 FQNSSVIL	160	>GNA11-N26 FQKSSVIL	1922	1762
>GNA11-N26 FQNSSVILFL	87	>GNA11-N26 FQKSSVILFL	247	160
>GNA11-N26 FQNSSVIL	19	>GNA11-N26 FQKSSVIL	201	182
>GNA11-N26 FQNSSVILFL	15	>GNA11-N26 FQKSSVILFL	18	3
>GNA11-N26 FQNSSVIL	33	>GNA11-N26 FQKSSVIL	57	24
>GNA11-N26 FQNSSVILFL	56	>GNA11-N26 FQKSSVILFL	51	5
>GNA11-N26 FQNSSVIL	16	>GNA11-N26 FQKSSVIL	71	55
>GNA11-N26 FQNSSVILF	59	>GNA11-N26 FQKSSVILF	236	177
>GNA11-N26 FQNSSVILFL	62	>GNA11-N26 FQKSSVILFL	111	49
>GNA11-N26 FQNSSVILFL	30	>GNA11-N26 FQKSSVILFL	627	597
>GNA11-N26 FQNSSVIL	459	>GNA11-N26 FQKSSVIL	3776	3317
>GNA11-N26 FQNSSVILFL	164	>GNA11-N26 FQKSSVILFL	1873	1709
>GNA11-N26 FQNSSVILFL	83	>GNA11-N26 FQKSSVILFL	2821	2738
>GNA11-N26 FQNSSVILFL	477	>GNA11-N26 FQKSSVILFL	11217	10740
>GNA11-N26 FQNSSVIL	127	>GNA11-N26 FQKSSVIL	80	47
>GNA11-N26 FQNSSVILF	35	>GNA11-N26 FQKSSVILF	31	4
>GNA11-N26 FQNSSVILFL	150	>GNA11-N26 FQKSSVILFL	89	61
>GNA11-N26 FQNSSVILF	304	>GNA11-N26 FQKSSVILF	164	140
>GNA11-N26 FQNSSVIL	4	>GNA11-N26 FQKSSVIL	4	0
>GNA11-N26 FQNSSVILF	2	>GNA11-N26 FQKSSVILF	2	0
>GNA11-N26 FQNSSVILFL	10	>GNA11-N26 FQKSSVILFL	8	2
>GNA11-N26 FQNSSVIL	10	>GNA11-N26 FQKSSVIL	66	56
>GNA11-N26 FQNSSVILF	208	>GNA11-N26 FQKSSVILF	4822	4614
>GNA11-N26 FQNSSVILFL	25	>GNA11-N26 FQKSSVILFL	422	397
>GNA11-N26 FQNSSVIL	182	>GNA11-N26 FQKSSVIL	291	109
>GNA11-N26 WFQNSSVI	345	>GNA11-N26 WFQKSSVI	325	20
>GNA11-N26 WFQNSSVI	175	>GNA11-N26 WFQKSSVI	304	129
>GNA11-N26 WFQNSSVIL	276	>GNA11-N26 WFQKSSVIL	382	106
>GNA11-N26 WFQNSSVILF	92	>GNA11-N26 WFQKSSVILF	54	38
>GNA11-N26 WFQNSSVILF	219	>GNA11-N26 WFQKSSVILF	297	78
>GNA11-N26 WFQNSSVILF	347	>GNA11-N26 WFQKSSVILF	176	171
>GNA11-N26 WFQNSSVI	47	>GNA11-N26 WFQKSSVI	50	3
>GNA11-N26 WFQNSSVIL	49	>GNA11-N26 WFQKSSVIL	37	12
>GNA11-N26 WFQNSSVILF	7	>GNA11-N26 WFQKSSVILF	6	1
>GNA11-N26 WFQNSSVILF	18	>GNA11-N26 WFQKSSVILF	15	3
>GNA11-N26 WFQNSSVILF	288	>GNA11-N26 WFQKSSVILF	389	101
>GNA11-N26 WFQNSSVILF	374	>GNA11-N26 WFQKSSVILF	461	87
>GNA11-N26 WFQNSSVILF	312	>GNA11-N26 WFQKSSVILF	556	244
>GNA11-N26 PWFQNSSVIL	115	>GNA11-N26 PWFQKSSVIL	164	49

>GNA11-N26 PWFQNSSVIL	77	>GNA11-N26 PWFQKSSVIL	150	73
>GNA11-N26 PWFQNSSVIL	191	>GNA11-N26 PWFQKSSVIL	271	80
>GNA11-N26 PWFQNSSVIL	276	>GNA11-N26 PWFQKSSVIL	351	75
>GNA11-N26 PWFQNSSVI	364	>GNA11-N26 PWFQKSSVI	1397	1033
>GNA11-N26 PWFQNSSVIL	30	>GNA11-N26 PWFQKSSVIL	64	34
>GNA11-N26 PWFQNSSV	280	>GNA11-N26 PWFQKSSV	341	61
>GNA11-N26 PWFQNSSVIL	392	>GNA11-N26 PWFQKSSVIL	665	273
>GNA11-N26 YPWFQNSSV	626	>GNA11-N26 YPWFQKSSVI	496	130
>GNA11-N26 YPWFQNSSV	95	>GNA11-N26 YPWFQKSSV	283	188
>GNA11-N26 YPWFQNSSV	39	>GNA11-N26 YPWFQKSSV	30	9
>GNA11-N26 YPWFQNSSV	29	>GNA11-N26 YPWFQKSSVI	25	4
>GNA11-N26 YPWFQNSSV	252	>GNA11-N26 YPWFQKSSVI	457	205
>GNA11-N26 YPWFQNSS	42	>GNA11-N26 YPWFQKSS	122	80
>GNA11-N26 YPWFQNSSV	42	>GNA11-N26 YPWFQKSSV	127	85
>GNA11-N26 YPWFQNSSV	14	>GNA11-N26 YPWFQKSSVI	21	7
>GNA11-N26 YPWFQNSSV	89	>GNA11-N26 YPWFQKSSVI	135	46
>GNA11-N26 YPWFQNSSV	177	>GNA11-N26 YPWFQKSSV	286	109
>GNA11-N26 YPWFQNSSV	326	>GNA11-N26 YPWFQKSSVI	414	88
>GNA11-N26 YPWFQNSSV	274	>GNA11-N26 YPWFQKSSV	355	81
>GNA11-N26 YPWFQNSSV	283	>GNA11-N26 YPWFQKSSVI	490	207
>GNA11-N26 YPWFQNSSV	80	>GNA11-N26 YPWFQKSSVI	89	9
>GNA11-N26 YPWFQNSS	130	>GNA11-N26 YPWFQKSS	230	100
>GNA11-N26 YPWFQNSSV	40	>GNA11-N26 YPWFQKSSV	40	0
>GNA11-N26 YPWFQNSSV	273	>GNA11-N26 YPWFQKSSVI	299	26
>GNA11-N26 YPWFQNSSV	242	>GNA11-N26 YPWFQKSSVI	387	145
>GNA11-N26 TYPWFQNSS'	353	>GNA11-N26 TYPWFQKSS\	1161	808
>GNA11-N26 TYPWFQNSS'	442	>GNA11-N26 TYPWFQKSS\	664	222
>GNA11-N26 TYPWFQNSS'	42	>GNA11-N26 TYPWFQKSS\	57	15
>GNA11-N26 TYPWFQNS	511	>GNA11-N26 TYPWFQKS	493	18
>GNA11-N26 TYPWFQNSS'	71	>GNA11-N26 TYPWFQKSS\	116	45
>GNA11-N26 TYPWFQNSS'	6	>GNA11-N26 TYPWFQKSS\	8	2
>GNA11-N26 TYPWFQNSS'	465	>GNA11-N26 TYPWFQKSS\	2212	1747
>GNA11-N26 TYPWFQNSS'	210	>GNA11-N26 TYPWFQKSS\	181	29
>GNA11-N26 TYPWFQNSS'	479	>GNA11-N26 TYPWFQKSS\	615	136
>GNA11-N26 ITYPWFQNSS	127	>GNA11-N26 ITYPWFQKSS	73	54
>GNA11-N26 ITYPWFQNSS	115	>GNA11-N26 ITYPWFQKSS	309	194
>GNA11-N26 ITYPWFQNSS	86	>GNA11-N26 ITYPWFQKSS	265	179
>GNA11-N26 ITYPWFQNSS	13	>GNA11-N26 ITYPWFQKSS	25	12
>GNA11-N26 ITYPWFQNSS	18	>GNA11-N26 ITYPWFQKSS	38	20
>GNA11-N26 ITYPWFQNSS	7	>GNA11-N26 ITYPWFQKSS	9	2
>GNA11-N26 ITYPWFQNSS	240	>GNA11-N26 ITYPWFQKSS	464	224
>GNA11-N26 ITYPWFQNSS	63	>GNA11-N26 ITYPWFQKSS	79	16
>GNA11-N26 ITYPWFQNSS	9	>GNA11-N26 ITYPWFQKSS	9	0



>GNA11-N26 ITYPWFQN	9376	>GNA11-N26 ITYPWFQK	31	9345
>GNA11-N26 ITYPWFQN	4101	>GNA11-N26 ITYPWFQK	7	4094
>GNA11-N26 ITYPWFQN	11187	>GNA11-N26 ITYPWFQK	54	11133
>GNA11-N26 ITYPWFQN	3248	>GNA11-N26 ITYPWFQK	18	3230
>GNA11-N26 ITYPWFQN	5064	>GNA11-N26 ITYPWFQK	140	4924
>GNA11-N26 ITYPWFQN	2020	>GNA11-N26 ITYPWFQK	12	2008
>GNA11-N26 ITYPWFQNSS	23	>GNA11-N26 ITYPWFQKSS	38	15
>GNA11-N26 ITYPWFQNSS	16	>GNA11-N26 ITYPWFQKSS	31	15
>GNA11-N26 ITYPWFQNSS	119	>GNA11-N26 ITYPWFQKSS	232	113
>GNA11-N26 ITYPWFQN	266	>GNA11-N26 ITYPWFQK	600	334
>GNA11-N26 ITYPWFQNSS	1140	>GNA11-N26 ITYPWFQKSS	378	762
>GNA11-N26 ITYPWFQNSS	18	>GNA11-N26 ITYPWFQKSS	24	6
>GNA11-N26 ITYPWFQNSS	267	>GNA11-N26 ITYPWFQKSS	507	240
>GNA11-N26 ITYPWFQNS	1176	>GNA11-N26 ITYPWFQKS	471	705
>GNA11-N26 ITYPWFQNSS	14	>GNA11-N26 ITYPWFQKSS	13	1
>GNA11-N26 ITYPWFQN	530	>GNA11-N26 ITYPWFQK	65	465
>GNA11-N26 ITYPWFQNSS	88	>GNA11-N26 ITYPWFQKSS	111	23
>GNA11-N26 IITYPWFQN	19623	>GNA11-N26 IITYPWFQK	93	19530
>GNA11-N26 IITYPWFQN	18757	>GNA11-N26 IITYPWFQK	19	18738
>GNA11-N26 IITYPWFQN	12970	>GNA11-N26 IITYPWFQK	188	12782
>GNA11-N26 IITYPWFQN	10103	>GNA11-N26 IITYPWFQK	64	10039
>GNA11-N26 TIITYPWFQN	17100	>GNA11-N26 TIITYPWFQK	98	17002
>GNA11-N26 TIITYPWFQN	21854	>GNA11-N26 TIITYPWFQK	11	21843
>GNA11-N26 TIITYPWFQN	19099	>GNA11-N26 TIITYPWFQK	13	19086
>GNA11-Q2C QRSERRKWI	223	>GNA11-Q2C LRSERRKWI	184	39
>GNA11-Q2C QRSERRKWI	209	>GNA11-Q2C LRSERRKWI	322	113
>GNA11-Q2C QRSERRKW	5320	>GNA11-Q2C LRSERRKW	166	5154
>GNA11-Q2C GQRSERRKW	31031	>GNA11-Q2C GLRSERRKWI	329	30702
>GNA11-Q2C GQRSERRK	4333	>GNA11-Q2C GLRSERRK	261	4072
>GNA11-Q2C GQRSERRK	191	>GNA11-Q2C GLRSERRK	91	100
>GNA11-Q2C IIFRMVDVGG	10678	>GNA11-Q2C IIFRMVDVGG	186	10492
>GNA11-Q2C IIFRMVDVGG	8643	>GNA11-Q2C IIFRMVDVGG	276	8367
>GNA11-Q2C IIFRMVDVGG	7654	>GNA11-Q2C IIFRMVDVGG	111	7543
>GNA11-Q2C IIFRMVDVGG	8719	>GNA11-Q2C IIFRMVDVGG	88	8631
>GNA11-Q2C IIFRMVDVGG	9219	>GNA11-Q2C IIFRMVDVGG	139	9080
>GNA11-Q2C GGQRSERRK	492	>GNA11-Q2C GGLRSERRKV	222	270
>GNA11-Q2C DVGGQRSER	53	>GNA11-Q2C DVGGLRSER	24	29
>GNA11-Q2C DVGGQRSER	971	>GNA11-Q2C DVGGLRSERF	395	576
>GNA11-Q2C DVGGQRSER	55	>GNA11-Q2C DVGGLRSER	30	25
>GNA11-Q2C DVGGQRSER	265	>GNA11-Q2C DVGGLRSERF	51	214
>GNA11-Q2C DVGGQRSER	777	>GNA11-Q2C DVGGLRSERF	479	298
>GNA11-Q2C MVDVGGQR	755	>GNA11-Q2C MVDVGGLR	487	268
>GNA11-Q2C MVDVGGQR	232	>GNA11-Q2C MVDVGGLRS	233	1

>GNA11-Q2C MVDVGGQR	120	>GNA11-Q2C MVDVGGLR	72	48
>GNA11-Q2C MVDVGGQR!	73	>GNA11-Q2C MVDVGGLR!	57	16
>GNA11-Q2C RMVDVGGQ	15622	>GNA11-Q2C RMVDVGGGL	314	15308
>GNA11-Q2C RMVDVGGQ	4346	>GNA11-Q2C RMVDVGGGL	46	4300
>GNA11-Q2C RMVDVGGQ	2171	>GNA11-Q2C RMVDVGGGL	11	2160
>GNA11-Q2C RMVDVGGQ	3637	>GNA11-Q2C RMVDVGGGL	46	3591
>GNA11-Q2C RMVDVGGQ	451	>GNA11-Q2C RMVDVGGGL	4	447
>GNA11-Q2C RMVDVGGQ!	337	>GNA11-Q2C RMVDVGGGL!	492	155
>GNA11-Q2C RMVDVGGQ	7384	>GNA11-Q2C RMVDVGGGL	21	7363
>GNA11-Q2C RMVDVGGQ	5327	>GNA11-Q2C RMVDVGGGL	47	5280
>GNA11-Q2C RMVDVGGQ	16100	>GNA11-Q2C RMVDVGGGL	402	15698
>GNA11-Q2C RMVDVGGQ	1142	>GNA11-Q2C RMVDVGGGL	13	1129
>GNA11-Q2C RMVDVGGQ!	742	>GNA11-Q2C RMVDVGGGL!	327	415
>GNA11-Q2C RMVDVGGQ!	27	>GNA11-Q2C RMVDVGGGL!	22	5
>GNA11-Q2C RMVDVGGQ	2302	>GNA11-Q2C RMVDVGGGL	293	2009
>GNA11-Q2C RMVDVGGQ	15692	>GNA11-Q2C RMVDVGGGL	298	15394
>GNA11-Q2C RMVDVGGQ	15842	>GNA11-Q2C RMVDVGGGL	402	15440
>GNA11-Q2C RMVDVGGQ!	268	>GNA11-Q2C RMVDVGGGL!	129	139
>GNA11-Q2C FRMVDVGGC	337	>GNA11-Q2C FRMVDVGGGL	25	312
>GNA11-Q2C FRMVDVGGC	136	>GNA11-Q2C FRMVDVGGGL	91	45
>GNA11-Q2C FRMVDVGGC	359	>GNA11-Q2C FRMVDVGGGL	197	162
>GNA11-Q2C FRMVDVGGC	12981	>GNA11-Q2C FRMVDVGGGL	60	12921
>GNA11-Q2C FRMVDVGGC	9673	>GNA11-Q2C FRMVDVGGGL	424	9249
>GNA11-Q2C FRMVDVGGC	9299	>GNA11-Q2C FRMVDVGGGL	65	9234
>GNA11-Q2C FRMVDVGGC	907	>GNA11-Q2C FRMVDVGGGL	398	509
>GNA11-Q2C IFRMVDVGG!	33	>GNA11-Q2C IFRMVDVGG!	22	11
>GNA11-Q2C IFRMVDVGG!	28	>GNA11-Q2C IFRMVDVGG!	17	11
>GNA11-Q2C IFRMVDVGG!	788	>GNA11-Q2C IFRMVDVGG!	372	416
>GNA11-Q2C QRSERRKWI	223	>GNA11-Q2C PRSERRKWI	1477	1254
>GNA11-Q2C QRSERRKWI	209	>GNA11-Q2C PRSERRKWI	1664	1455
>GNA11-Q2C GQRSERRK	191	>GNA11-Q2C GPRSERRK	10374	10183
>GNA11-Q2C GQRSERRKW	23261	>GNA11-Q2C GPRSERRKW	229	23032
>GNA11-Q2C GQRSERRKW	13542	>GNA11-Q2C GPRSERRKW	219	13323
>GNA11-Q2C GGQRSERRK!	25424	>GNA11-Q2C GGPRSERRK!	412	25012
>GNA11-Q2C GGQRSERRK!	6672	>GNA11-Q2C GGPRSERRK!	54	6618
>GNA11-Q2C GGQRSERRK!	492	>GNA11-Q2C GGPRSERRK!	1578	1086
>GNA11-Q2C VGGQRSERR!	1066	>GNA11-Q2C VGGPRSERR!	326	740
>GNA11-Q2C DVGGQRSER	53	>GNA11-Q2C DVGGPRSER	39	14
>GNA11-Q2C DVGGQRSER	55	>GNA11-Q2C DVGGPRSER	68	13
>GNA11-Q2C DVGGQRSER	265	>GNA11-Q2C DVGGPRSER!	70	195
>GNA11-Q2C MVDVGGQR	755	>GNA11-Q2C MVDVGGPR	286	469
>GNA11-Q2C MVDVGGQR!	232	>GNA11-Q2C MVDVGGPRS	252	20
>GNA11-Q2C MVDVGGQR	120	>GNA11-Q2C MVDVGGPR	144	24

>GNA11-Q2C MVDVGGQR!	73	>GNA11-Q2C MVDVGGPRS	65	8
>GNA11-Q2C RMVDVGGQ	451	>GNA11-Q2C RMVDVGGP	1857	1406
>GNA11-Q2C RMVDVGGQI	337	>GNA11-Q2C RMVDVGGPF	260	77
>GNA11-Q2C RMVDVGGQI	27	>GNA11-Q2C RMVDVGGPF	17	10
>GNA11-Q2C RMVDVGGQI	268	>GNA11-Q2C RMVDVGGPF	81	187
>GNA11-Q2C FRMVDVGGC	337	>GNA11-Q2C FRMVDVGGF	449	112
>GNA11-Q2C FRMVDVGGC	136	>GNA11-Q2C FRMVDVGGF	127	9
>GNA11-Q2C FRMVDVGGC	359	>GNA11-Q2C FRMVDVGGF	373	14
>GNA11-Q2C IFRMVDVGGI	33	>GNA11-Q2C IFRMVDVGGI	18	15
>GNA11-Q2C IFRMVDVGGI	28	>GNA11-Q2C IFRMVDVGGI	16	12
>GNA11-Q2C IFRMVDVGGI	788	>GNA11-Q2C IFRMVDVGGI	213	575
>GNA11-R18 RVPTTGIIIEY	297	>GNA11-R18 CVPTTGIIIEY	183	114
>GNA11-R18 RVPTTGIIIEY	173	>GNA11-R18 CVPTTGIIIEY	994	821
>GNA11-R18 RVPTTGII	472	>GNA11-R18 CVPTTGII	19591	19119
>GNA11-R18 RVPTTGIIIEY	183	>GNA11-R18 CVPTTGIIIEY	1962	1779
>GNA11-R18 RVPTTGII	171	>GNA11-R18 CVPTTGII	35	136
>GNA11-R18 RVPTTGIIIEY	186	>GNA11-R18 CVPTTGIIIEY	2219	2033
>GNA11-R18 RVPTTGII	168	>GNA11-R18 CVPTTGII	157	11
>GNA11-R18 VRVPTTGIIIEY	980	>GNA11-R18 VCVPTTGIIIEY	467	513
>GNA11-R18 VRVPTTGIIIEY	1439	>GNA11-R18 VCVPTTGIIIEY	247	1192
>GNA11-R18 VRVPTTGIIIEY	123	>GNA11-R18 VCVPTTGIIIEY	1684	1561
>GNA11-R18 VRVPTTGIIIEY	4469	>GNA11-R18 VCVPTTGIIIEY	470	3999
>GNA11-R18 VRVPTTGII	2129	>GNA11-R18 VCVPTTGII	435	1694
>GNA11-R18 RVRVPTTG	24	>GNA11-R18 RVCVPTTG	4788	4764
>GNA11-R18 RVRVPTTGI	9	>GNA11-R18 RVCVPTTGI	1658	1649
>GNA11-R18 RVRVPTTGII	5	>GNA11-R18 RVCVPTTGII	360	355
>GNA11-R18 RVRVPTTGIIIE	76	>GNA11-R18 RVCVPTTGIIIE	5075	4999
>GNA11-R18 RVRVPTTGI	199	>GNA11-R18 RVCVPTTGI	60	139
>GNA11-R18 RVRVPTTGII	936	>GNA11-R18 RVCVPTTGII	295	641
>GNA11-R18 RVRVPTTGI	78	>GNA11-R18 RVCVPTTGI	15734	15656
>GNA11-R18 RVRVPTTGI	52	>GNA11-R18 RVCVPTTGI	374	322
>GNA11-R18 RVRVPTTGII	385	>GNA11-R18 RVCVPTTGII	1543	1158
>GNA11-R18 RVRVPTTGI	177	>GNA11-R18 RVCVPTTGI	65	112
>GNA11-R18 RVRVPTTGII	424	>GNA11-R18 RVCVPTTGII	173	251
>GNA11-R18 LRVRVPTTGI	427	>GNA11-R18 LRVCVPTTGI	264	163
>GNA11-R18 LRVRVPTTGII	628	>GNA11-R18 LRVCVPTTGII	438	190
>GNA11-R18 LRVRVPTTGI	332	>GNA11-R18 LRVCVPTTGI	844	512
>GNA11-R18 LRVRVPTTGII	466	>GNA11-R18 LRVCVPTTGII	615	149
>GNA11-R18 VLRVRVPTTG	43	>GNA11-R18 VLRVCVPTTG	45	2
>GNA11-R18 VLRVRVPTTG	255	>GNA11-R18 VLRVCVPTTG	302	47
>GNA11-R18 VLRVRVPTT	94	>GNA11-R18 VLRVCVPTT	87	7
>GNA11-R18 VLRVRVPTTG	26	>GNA11-R18 VLRVCVPTTG	25	1
>GNA11-R18 TQQDVLVRV	270	>GNA11-R18 TQQDVLRVC	22599	22329

>GNA11-R18 RVPTTGIIIEY	297	>GNA11-R18 HVPTTGIIIEY	86	211
>GNA11-R18 RVPTTGIIIEY	2411	>GNA11-R18 HVPTTGIIIEY	269	2142
>GNA11-R18 RVPTTGIIIEY	598	>GNA11-R18 HVPTTGIIIEY	366	232
>GNA11-R18 RVPTTGIIIEY	173	>GNA11-R18 HVPTTGIIIEY	647	474
>GNA11-R18 RVPTTGII	472	>GNA11-R18 HVPTTGII	4948	4476
>GNA11-R18 RVPTTGII	8401	>GNA11-R18 HVPTTGII	413	7988
>GNA11-R18 RVPTTGIIIEY	183	>GNA11-R18 HVPTTGIIIEY	604	421
>GNA11-R18 RVPTTGII	171	>GNA11-R18 HVPTTGII	70	101
>GNA11-R18 RVPTTGIIIEY	186	>GNA11-R18 HVPTTGIIIEY	1916	1730
>GNA11-R18 RVPTTGII	168	>GNA11-R18 HVPTTGII	1100	932
>GNA11-R18 VRVPTTGIIIEY	980	>GNA11-R18 VHVPTTGIIIEY	288	692
>GNA11-R18 VRVPTTGIIIEY	635	>GNA11-R18 VHVPTTGIIIEY	435	200
>GNA11-R18 VRVPTTGIIIEY	123	>GNA11-R18 VHVPTTGIIIEY	149	26
>GNA11-R18 VRVPTTGII	775	>GNA11-R18 VHVPTTGII	141	634
>GNA11-R18 LPTQQDVLRL	2636	>GNA11-R18 LPTQQDVLRL	110	2526
>GNA11-R18 RVRVPTTG	24	>GNA11-R18 RVHVPTTG	246	222
>GNA11-R18 RVRVPTTGI	9	>GNA11-R18 RVHVPTTGI	47	38
>GNA11-R18 RVRVPTTGII	5	>GNA11-R18 RVHVPTTGII	15	10
>GNA11-R18 RVRVPTTGIIIE	76	>GNA11-R18 RVHVPTTGIIIE	609	533
>GNA11-R18 RVRVPTTGI	199	>GNA11-R18 RVHVPTTGI	46	153
>GNA11-R18 RVRVPTTGII	936	>GNA11-R18 RVHVPTTGII	227	709
>GNA11-R18 RVRVPTTGI	78	>GNA11-R18 RVHVPTTGI	2100	2022
>GNA11-R18 RVRVPTTGI	52	>GNA11-R18 RVHVPTTGI	274	222
>GNA11-R18 RVRVPTTGII	385	>GNA11-R18 RVHVPTTGII	1493	1108
>GNA11-R18 RVRVPTTGI	177	>GNA11-R18 RVHVPTTGI	61	116
>GNA11-R18 RVRVPTTGII	424	>GNA11-R18 RVHVPTTGII	279	145
>GNA11-R18 LRVRVPTTGI	427	>GNA11-R18 LRVHVPTTGI	208	219
>GNA11-R18 LRVRVPTTGII	628	>GNA11-R18 LRVHVPTTGII	373	255
>GNA11-R18 LRVRVPTTGI	332	>GNA11-R18 LRVHVPTTGI	335	3
>GNA11-R18 LRVRVPTTGII	466	>GNA11-R18 LRVHVPTTGII	813	347
>GNA11-R18 VLRVRVPTT	1309	>GNA11-R18 VLRVHVPTT	329	980
>GNA11-R18 VLRVRVPTTG	43	>GNA11-R18 VLRVHVPTTG	20	23
>GNA11-R18 VLRVRVPTTG	255	>GNA11-R18 VLRVHVPTTG	140	115
>GNA11-R18 VLRVRVPTT	94	>GNA11-R18 VLRVHVPTT	100	6
>GNA11-R18 VLRVRVPTTG	26	>GNA11-R18 VLRVHVPTTG	28	2
>GNA11-R18 QQDVLRLRV	596	>GNA11-R18 QQDVLRLRVH	141	455
>GNA11-R18 TQQDVLRLRV	270	>GNA11-R18 TQQDVLRLVH	14071	13801
>GNA11-R25 RTIITYPWF	132	>GNA11-R25 WTIITYPWF	111	21
>GNA11-R25 RTIITYPWF	351	>GNA11-R25 WTIITYPWF	1555	1204
>GNA11-R25 RTIITYPWF	55	>GNA11-R25 WTIITYPWF	92	37
>GNA11-R25 RTIITYPWF	4724	>GNA11-R25 WTIITYPWF	87	4637
>GNA11-R25 RTIITYPWF	38	>GNA11-R25 WTIITYPWF	27	11
>GNA11-R25 RTIITYPW	2019	>GNA11-R25 WTIITYPW	460	1559

>GNA11-R25 RTIITYPWFAQ	196	>GNA11-R25 WTIITYPWFAQ	13222	13026
>GNA11-R25 RTIITYPW	22	>GNA11-R25 WTIITYPW	1049	1027
>GNA11-R25 RTIITYPWF	69	>GNA11-R25 WTIITYPWF	209	140
>GNA11-R25 RTIITYPW	3	>GNA11-R25 WTIITYPW	4	1
>GNA11-R25 RTIITYPWF	3	>GNA11-R25 WTIITYPWF	4	1
>GNA11-R25 RTIITYPWFAQ	267	>GNA11-R25 WTIITYPWFAQ	2953	2686
>GNA11-R25 RTIITYPWFAQI	153	>GNA11-R25 WTIITYPWFAQ	1907	1754
>GNA11-R25 RTIITYPW	4691	>GNA11-R25 WTIITYPW	491	4200
>GNA11-R25 RTIITYPW	33	>GNA11-R25 WTIITYPW	46	13
>GNA11-R25 RTIITYPWF	219	>GNA11-R25 WTIITYPWF	2836	2617
>GNA11-R25 RTIITYPW	10	>GNA11-R25 WTIITYPW	14	4
>GNA11-R25 RTIITYPWF	24	>GNA11-R25 WTIITYPWF	166	142
>GNA11-R25 RTIITYPWF	43	>GNA11-R25 WTIITYPWF	119	76
>GNA11-R25 RTIITYPWF	21	>GNA11-R25 WTIITYPWF	20	1
>GNA11-R25 RTIITYPWFAQ	204	>GNA11-R25 WTIITYPWFAQ	115	89
>GNA11-R25 RTIITYPW	1176	>GNA11-R25 WTIITYPW	118	1058
>GNA11-R25 FRTIITYPW	13210	>GNA11-R25 FWTIITYPW	256	12954
>GNA11-R25 FRTIITYPWF	4564	>GNA11-R25 FWTIITYPWF	26	4538
>GNA11-R25 FRTIITYPWF	18120	>GNA11-R25 FWTIITYPWF	160	17960
>GNA11-R25 FRTIITYPW	16668	>GNA11-R25 FWTIITYPW	147	16521
>GNA11-R25 FRTIITYPWF	5215	>GNA11-R25 FWTIITYPWF	9	5206
>GNA11-R25 FRTIITYPWF	4031	>GNA11-R25 FWTIITYPWF	200	3831
>GNA11-R25 FRTIITYPWF	110	>GNA11-R25 FWTIITYPWF	2173	2063
>GNA11-R25 FRTIITYPW	324	>GNA11-R25 FWTIITYPW	18546	18222
>GNA11-R25 FRTIITYPWF	63	>GNA11-R25 FWTIITYPWF	6311	6248
>GNA11-R25 FRTIITYPW	156	>GNA11-R25 FWTIITYPW	348	192
>GNA11-R25 FRTIITYPWF	299	>GNA11-R25 FWTIITYPWF	12618	12319
>GNA11-R25 FRTIITYPW	9	>GNA11-R25 FWTIITYPW	65	56
>GNA11-R25 FRTIITYPWFAQ	8848	>GNA11-R25 FWTIITYPWF	102	8746
>GNA11-R25 FRTIITYP	33057	>GNA11-R25 FWTIITYP	241	32816
>GNA11-R25 FRTIITYPW	35212	>GNA11-R25 FWTIITYPW	254	34958
>GNA11-R25 FRTIITYPWF	24753	>GNA11-R25 FWTIITYPWF	192	24561
>GNA11-R25 FRTIITYPWFAQ	24305	>GNA11-R25 FWTIITYPWF	63	24242
>GNA11-R25 NRMEESKALF	343	>GNA11-R25 NRMEESKALF	2927	2584
>GNA11-R25 NRMEESKALF	279	>GNA11-R25 NRMEESKALF	31545	31266
>GNA11-R25 LFRTIITYPW	1635	>GNA11-R25 LFWTIITYPW	384	1251
>GNA11-R25 LFRTIITYPWF	114	>GNA11-R25 LFWTIITYPWF	32	82
>GNA11-R25 LFRTIITYPW	3150	>GNA11-R25 LFWTIITYPW	323	2827
>GNA11-R25 LFRTIITYPWF	663	>GNA11-R25 LFWTIITYPWF	360	303
>GNA11-R25 LFRTIITYPW	1513	>GNA11-R25 LFWTIITYPW	365	1148
>GNA11-R25 LFRTIITYPWF	29	>GNA11-R25 LFWTIITYPWF	16	13
>GNA11-R25 LFRTIITY	53	>GNA11-R25 LFWTIITY	10	43
>GNA11-R25 LFRTIITYPW	1209	>GNA11-R25 LFWTIITYPW	279	930

>GNA11-R25 LFRTIITYPWF	3619	>GNA11-R25 LFWTIITYPW	202	3417
>GNA11-R25 LFRTIITY	287	>GNA11-R25 LFWTIITY	11497	11210
>GNA11-R25 LFRTIITY	862	>GNA11-R25 LFWTIITY	177	685
>GNA11-R25 LFRTIITYPW	6461	>GNA11-R25 LFWTIITYPW	356	6105
>GNA11-R25 LFRTIITYPWF	570	>GNA11-R25 LFWTIITYPW	306	264
>GNA11-R25 LFRTIITY	847	>GNA11-R25 LFWTIITY	43	804
>GNA11-R25 LFRTIITYPW	3625	>GNA11-R25 LFWTIITYPW	286	3339
>GNA11-R25 LFRTIITYPWF	205	>GNA11-R25 LFWTIITYPW	770	565
>GNA11-R25 LFRTIITYPW	349	>GNA11-R25 LFWTIITYPW	178	171
>GNA11-R25 ALFRTIIT	746	>GNA11-R25 ALFWTIIT	119	627
>GNA11-R25 ALFRTIITYP	668	>GNA11-R25 ALFWTIITYP	263	405
>GNA11-R25 ALFRTIIT	762	>GNA11-R25 ALFWTIIT	400	362
>GNA11-R25 ALFRTIITYP	708	>GNA11-R25 ALFWTIITYP	420	288
>GNA11-R25 ALFRTIIT	500	>GNA11-R25 ALFWTIIT	246	254
>GNA11-R25 ALFRTIIT	120	>GNA11-R25 ALFWTIIT	14	106
>GNA11-R25 ALFRTIITY	88	>GNA11-R25 ALFWTIITY	11	77
>GNA11-R25 ALFRTIITYP	112	>GNA11-R25 ALFWTIITYP	22	90
>GNA11-R25 ALFRTIITYPW	614	>GNA11-R25 ALFWTIITYPV	88	526
>GNA11-R25 ALFRTIIT	316	>GNA11-R25 ALFWTIIT	54	262
>GNA11-R25 ALFRTIITY	1591	>GNA11-R25 ALFWTIITY	239	1352
>GNA11-R25 ALFRTIITYP	1719	>GNA11-R25 ALFWTIITYP	497	1222
>GNA11-R25 ALFRTIIT	32	>GNA11-R25 ALFWTIIT	8	24
>GNA11-R25 ALFRTIITY	93	>GNA11-R25 ALFWTIITY	15	78
>GNA11-R25 ALFRTIITYP	360	>GNA11-R25 ALFWTIITYP	79	281
>GNA11-R25 ALFRTIITY	66	>GNA11-R25 ALFWTIITY	61	5
>GNA11-R25 ALFRTIITY	175	>GNA11-R25 ALFWTIITY	78	97
>GNA11-R25 ALFRTIITY	207	>GNA11-R25 ALFWTIITY	51	156
>GNA11-R25 ALFRTIITY	491	>GNA11-R25 ALFWTIITY	2865	2374
>GNA11-R25 ALFRTIITY	224	>GNA11-R25 ALFWTIITY	45	179
>GNA11-R25 ALFRTIITY	34	>GNA11-R25 ALFWTIITY	13	21
>GNA11-R25 ALFRTIITYPW	8	>GNA11-R25 ALFWTIITYPV	5	3
>GNA11-R25 ALFRTIITY	227	>GNA11-R25 ALFWTIITY	995	768
>GNA11-R25 ALFRTIITY	63	>GNA11-R25 ALFWTIITY	85	22
>GNA11-R25 ALFRTIITYPW	329	>GNA11-R25 ALFWTIITYPV	572	243
>GNA11-R25 ALFRTIITY	147	>GNA11-R25 ALFWTIITY	263	116
>GNA11-R25 ALFRTIITY	9	>GNA11-R25 ALFWTIITY	29	20
>GNA11-R25 ALFRTIITYPW	151	>GNA11-R25 ALFWTIITYPV	546	395
>GNA11-R25 ALFRTIITY	104	>GNA11-R25 ALFWTIITY	33	71
>GNA11-R25 ALFRTIITYPW	79	>GNA11-R25 ALFWTIITYPV	45	34
>GNA11-R25 ALFRTIITY	2040	>GNA11-R25 ALFWTIITY	214	1826
>GNA11-R25 ALFRTIITYPW	209	>GNA11-R25 ALFWTIITYPV	721	512
>GNA11-R25 ALFRTIITYPW	126	>GNA11-R25 ALFWTIITYPV	131	5
>GNA11-R25 ALFRTIITY	266	>GNA11-R25 ALFWTIITY	255	11

>GNA11-R25 ALFRTIITY	47	>GNA11-R25 ALFWTIITY	574	527
>GNA11-R25 ALFRTIITYPW	949	>GNA11-R25 ALFWTIITYPV	408	541
>GNA11-R25 ALFRTIITY	416	>GNA11-R25 ALFWTIITY	73	343
>GNA11-R25 KALFRITII	2103	>GNA11-R25 KALFWTII	281	1822
>GNA11-R25 KALFRTIITY	112	>GNA11-R25 KALFWTIITY	72	40
>GNA11-R25 KALFRTIITY	271	>GNA11-R25 KALFWTIITY	198	73
>GNA11-R25 KALFRITII	185	>GNA11-R25 KALFWTII	313	128
>GNA11-R25 KALFRTIITY	94	>GNA11-R25 KALFWTIITY	282	188
>GNA11-R25 KALFRTIITY	274	>GNA11-R25 KALFWTIITY	180	94
>GNA11-R25 KALFRITII	123	>GNA11-R25 KALFWTII	142	19
>GNA11-R25 KALFRTIITY	147	>GNA11-R25 KALFWTIITY	62	85
>GNA11-R25 KALFRTIITY	162	>GNA11-R25 KALFWTIITY	148	14
>GNA11-R25 KALFRTIITY	100	>GNA11-R25 KALFWTIITY	105	5
>GNA11-R25 KALFRTIITY	7	>GNA11-R25 KALFWTIITY	8	1
>GNA11-R25 KALFRTIITY	524	>GNA11-R25 KALFWTIITY	303	221
>GNA11-R25 KALFRITII	505	>GNA11-R25 KALFWTII	121	384
>GNA11-R25 KALFRTIITY	94	>GNA11-R25 KALFWTIITY	33	61
>GNA11-R25 KALFRTIITY	235	>GNA11-R25 KALFWTIITY	444	209
>GNA11-R25 KALFRITII	97	>GNA11-R25 KALFWTII	66	31
>GNA11-R25 SKALFRITII	158	>GNA11-R25 SKALFWTII	100	58
>GNA11-R25 SKALFRITII	293	>GNA11-R25 SKALFWTI	375	82
>GNA11-R25 SKALFRITII	149	>GNA11-R25 SKALFWTII	225	76
>GNA11-R25 SKALFRTIITY	12	>GNA11-R25 SKALFWTIITY	18	6
>GNA11-R25 SKALFRITII	627	>GNA11-R25 SKALFWTII	278	349
>GNA11-R25 ESKALFRITII	1797	>GNA11-R25 ESKALFWTI	66	1731
>GNA11-R25 ESKALFRITII	463	>GNA11-R25 ESKALFWTII	670	207
>GNA11-R25 ESKALFRITII	7192	>GNA11-R25 ESKALFWTI	270	6922
>GNA11-R25 ESKALFRITII	498	>GNA11-R25 ESKALFWTI	190	308
>GNA11-R25 ESKALFRITII	135	>GNA11-R25 ESKALFWTII	61	74
>GNA11-R25 EESKALFR	219	>GNA11-R25 EESKALFW	38	181
>GNA11-R25 EESKALFRITII	20	>GNA11-R25 EESKALFWTI	36	16
>GNA11-R25 EESKALFRITII	17	>GNA11-R25 EESKALFWTII	13	4
>GNA11-R25 EESKALFR	77	>GNA11-R25 EESKALFW	29028	28951
>GNA11-R25 EESKALFRITII	3750	>GNA11-R25 EESKALFWTI	469	3281
>GNA11-R25 EESKALFRITII	258	>GNA11-R25 EESKALFWTII	112	146
>GNA11-R25 EESKALFRITII	125	>GNA11-R25 EESKALFWTI	62	63
>GNA11-R25 EESKALFRITII	555	>GNA11-R25 EESKALFWTII	386	169
>GNA11-R25 EESKALFR	7752	>GNA11-R25 EESKALFW	87	7665
>GNA11-R25 EESKALFRITII	97	>GNA11-R25 EESKALFWTI	60	37
>GNA11-R25 EESKALFR	1155	>GNA11-R25 EESKALFW	14	1141
>GNA11-R25 EESKALFRITII	353	>GNA11-R25 EESKALFWTI	193	160
>GNA11-R25 EESKALFRITII	1325	>GNA11-R25 EESKALFWTII	438	887
>GNA11-R25 EESKALFRITII	43	>GNA11-R25 EESKALFWT	18	25

>GNA11-R25 EESKALFRTI	98	>GNA11-R25 EESKALFWTI	66	32
>GNA11-R25 EESKALFRTII	176	>GNA11-R25 EESKALFWTII	77	99
>GNA11-R25 EESKALFRTI	236	>GNA11-R25 EESKALFWTI	43	193
>GNA11-R25 EESKALFRTII	31	>GNA11-R25 EESKALFWTII	24	7
>GNA11-R25 EESKALFR	288	>GNA11-R25 EESKALFW	33263	32975
>GNA11-R25 MEESKALFR	4843	>GNA11-R25 MEESKALFW	59	4784
>GNA11-R25 MEESKALFRT	17	>GNA11-R25 MEESKALFW	26	9
>GNA11-R25 MEESKALFRT	2004	>GNA11-R25 MEESKALFW	416	1588
>GNA11-R25 MEESKALFRT	49	>GNA11-R25 MEESKALFW	23	26
>GNA11-R25 MEESKALFR	8013	>GNA11-R25 MEESKALFW	104	7909
>GNA11-R25 MEESKALFR	1255	>GNA11-R25 MEESKALFW	17	1238
>GNA11-R25 MEESKALFRT	587	>GNA11-R25 MEESKALFW	254	333
>GNA11-R25 MEESKALFRT	246	>GNA11-R25 MEESKALFW	97	149
>GNA11-R25 MEESKALFRT	56	>GNA11-R25 MEESKALFW	27	29
>GNA11-R25 MEESKALFR	32410	>GNA11-R25 MEESKALFW	320	32090
>GNA11-R25 MEESKALFR	151	>GNA11-R25 MEESKALFW	30958	30807
>GNA11-R25 MEESKALFRT	2530	>GNA11-R25 MEESKALFW	343	2187
>GNA11-R25 RMEESKALFR	363	>GNA11-R25 RMEESKALFV	331	32
>GNA11-R25 RMEESKALFR	235	>GNA11-R25 RMEESKALFV	159	76
>GNA11-R25 RMEESKALFR	40	>GNA11-R25 RMEESKALFV	20066	20026
>GNA11-R25 RMEESKALFR	17477	>GNA11-R25 RMEESKALFV	22	17455
>GNA11-R25 RMEESKALFR	24870	>GNA11-R25 RMEESKALFV	222	24648
>GNA11-R25 RMEESKALFR	22223	>GNA11-R25 RMEESKALFV	68	22155
>GNA11-R25 RMEESKALFR	30	>GNA11-R25 RMEESKALFV	18386	18356
>GNA11-R25 RMEESKALFR	45	>GNA11-R25 RMEESKALFV	16494	16449
>GNA11-V22 VTSIMFLV	434	>GNA11-V22 MTSIMFLV	76	358
>GNA11-V22 VTSIMFLV	109	>GNA11-V22 MTSIMFLV	17	92
>GNA11-V22 VTSIMFLVAL	701	>GNA11-V22 MTSIMFLVAL	220	481
>GNA11-V22 VTSIMFLV	308	>GNA11-V22 MTSIMFLV	79	229
>GNA11-V22 VTSIMFLVAL	1064	>GNA11-V22 MTSIMFLVAL	287	777
>GNA11-V22 VTSIMFLV	57	>GNA11-V22 MTSIMFLV	16	41
>GNA11-V22 VTSIMFLVAL	294	>GNA11-V22 MTSIMFLVAL	102	192
>GNA11-V22 VTSIMFLV	262	>GNA11-V22 MTSIMFLV	132	130
>GNA11-V22 VTSIMFLV	261	>GNA11-V22 MTSIMFLV	234	27
>GNA11-V22 VTSIMFLV	97	>GNA11-V22 MTSIMFLV	40	57
>GNA11-V22 VTSIMFLVA	4009	>GNA11-V22 MTSIMFLVA	362	3647
>GNA11-V22 VTSIMFLVAL	546	>GNA11-V22 MTSIMFLVAL	165	381
>GNA11-V22 VTSIMFLV	52	>GNA11-V22 MTSIMFLV	5	47
>GNA11-V22 VTSIMFLVA	5098	>GNA11-V22 MTSIMFLVA	88	5010
>GNA11-V22 VTSIMFLVAL	230	>GNA11-V22 MTSIMFLVAL	37	193
>GNA11-V22 VTSIMFLVAL	3952	>GNA11-V22 MTSIMFLVAL	112	3840
>GNA11-V22 VTSIMFLV	382	>GNA11-V22 MTSIMFLV	18	364
>GNA11-V22 VTSIMFLVAL	4398	>GNA11-V22 MTSIMFLVAL	351	4047



>GNA11-V22 VTSIMFLV	470	>GNA11-V22 MTSIMFLV	236	234
>GNA11-V22 VTSIMFLVAL	17	>GNA11-V22 MTSIMFLVAL	10	7
>GNA11-V22 VTSIMFLV	231	>GNA11-V22 MTSIMFLV	380	149
>GNA11-V22 VTSIMFLVAL	44	>GNA11-V22 MTSIMFLVAL	56	12
>GNA11-V22 VTSIMFLVAL	334	>GNA11-V22 MTSIMFLVAL	446	112
>GNA11-V22 VTSIMFLVAL	64	>GNA11-V22 MTSIMFLVAL	45	19
>GNA11-V22 NVTSIMFL	1498	>GNA11-V22 NMTSIMFL	38	1460
>GNA11-V22 NVTSIMFLV	48	>GNA11-V22 NMTSIMFLV	9	39
>GNA11-V22 NVTSIMFLVA	1181	>GNA11-V22 NMTSIMFLV/	44	1137
>GNA11-V22 NVTSIMFL	65	>GNA11-V22 NMTSIMFL	6	59
>GNA11-V22 NVTSIMFLV	11	>GNA11-V22 NMTSIMFLV	2	9
>GNA11-V22 NVTSIMFLVA	2486	>GNA11-V22 NMTSIMFLV/	249	2237
>GNA11-V22 NVTSIMFLVA	62	>GNA11-V22 NMTSIMFLV/	6	56
>GNA11-V22 NVTSIMFL	759	>GNA11-V22 NMTSIMFL	27	732
>GNA11-V22 NVTSIMFLV	113	>GNA11-V22 NMTSIMFLV	7	106
>GNA11-V22 NVTSIMFLVA	1015	>GNA11-V22 NMTSIMFLV/	140	875
>GNA11-V22 NVTSIMFLVA	1008	>GNA11-V22 NMTSIMFLV/	42	966
>GNA11-V22 NVTSIMFL	97	>GNA11-V22 NMTSIMFL	59	38
>GNA11-V22 NVTSIMFLV	8	>GNA11-V22 NMTSIMFLV	6	2
>GNA11-V22 NVTSIMFLVA	77	>GNA11-V22 NMTSIMFLV/	45	32
>GNA11-V22 NVTSIMFL	5012	>GNA11-V22 NMTSIMFL	39	4973
>GNA11-V22 NVTSIMFLV	843	>GNA11-V22 NMTSIMFLV	6	837
>GNA11-V22 NVTSIMFLVA	5523	>GNA11-V22 NMTSIMFLV/	40	5483
>GNA11-V22 NVTSIMFL	6879	>GNA11-V22 NMTSIMFL	34	6845
>GNA11-V22 NVTSIMFLV	1497	>GNA11-V22 NMTSIMFLV	6	1491
>GNA11-V22 NVTSIMFLVA	6242	>GNA11-V22 NMTSIMFLV/	31	6211
>GNA11-V22 NVTSIMFL	4206	>GNA11-V22 NMTSIMFL	32	4174
>GNA11-V22 NVTSIMFLV	306	>GNA11-V22 NMTSIMFLV	8	298
>GNA11-V22 NVTSIMFLVA	10073	>GNA11-V22 NMTSIMFLV/	162	9911
>GNA11-V22 NVTSIMFL	4618	>GNA11-V22 NMTSIMFL	40	4578
>GNA11-V22 NVTSIMFLV	661	>GNA11-V22 NMTSIMFLV	6	655
>GNA11-V22 NVTSIMFLVA	7528	>GNA11-V22 NMTSIMFLV/	178	7350
>GNA11-V22 NVTSIMFL	1477	>GNA11-V22 NMTSIMFL	21	1456
>GNA11-V22 NVTSIMFLV	110	>GNA11-V22 NMTSIMFLV	4	106
>GNA11-V22 NVTSIMFLVA	12580	>GNA11-V22 NMTSIMFLV/	332	12248
>GNA11-V22 NVTSIMFLVA	3269	>GNA11-V22 NMTSIMFLV/	27	3242
>GNA11-V22 NVTSIMFL	330	>GNA11-V22 NMTSIMFL	4140	3810
>GNA11-V22 NVTSIMFLVA	332	>GNA11-V22 NMTSIMFLV/	5961	5629
>GNA11-V22 NVTSIMFL	8	>GNA11-V22 NMTSIMFL	120	112
>GNA11-V22 NVTSIMFLV	5	>GNA11-V22 NMTSIMFLV	14	9
>GNA11-V22 NVTSIMFLVA	14	>GNA11-V22 NMTSIMFLV/	234	220
>GNA11-V22 NVTSIMFL	109	>GNA11-V22 NMTSIMFL	608	499
>GNA11-V22 NVTSIMFLV	7	>GNA11-V22 NMTSIMFLV	15	8

>GNA11-V22 NVTSIMFLVA	95	>GNA11-V22 NMTSIMFLV/	456	361
>GNA11-V22 NVTSIMFLVA	1037	>GNA11-V22 NMTSIMFLV/	89	948
>GNA11-V22 RRKWIHCFEN	736	>GNA11-V22 RRKWIHCFEN	246	490
>GNA11-V22 RRKWIHCFEN	195	>GNA11-V22 RRKWIHCFEN	67	128
>GNA11-V22 RRKWIHCFEN	86	>GNA11-V22 RRKWIHCFEN	102	16
>GNA11-V22 RRKWIHCFEN	75	>GNA11-V22 RRKWIHCFEN	71	4
>GNA11-V22 ENVTSIMF	485	>GNA11-V22 ENMTSIMF	1421	936
>GNA11-V22 ENVTSIMFL	245	>GNA11-V22 ENMTSIMFL	1054	809
>GNA11-V22 ENVTSIMFL	55	>GNA11-V22 ENMTSIMFL	24	31
>GNA11-V22 ENVTSIMFLV	51	>GNA11-V22 ENMTSIMFL\	43	8
>GNA11-V22 ENVTSIMFLV	199	>GNA11-V22 ENMTSIMFL\	51	148
>GNA11-V22 ENVTSIMF	482	>GNA11-V22 ENMTSIMF	183	299
>GNA11-V22 FENVTSIM	50	>GNA11-V22 FENMTSIM	30	20
>GNA11-V22 FENVTSIMF	258	>GNA11-V22 FENMTSIMF	68	190
>GNA11-V22 FENVTSIMFL	18	>GNA11-V22 FENMTSIMFL	11	7
>GNA11-V22 FENVTSIMFL'	16	>GNA11-V22 FENMTSIMFL	10	6
>GNA11-V22 FENVTSIMFL'	248	>GNA11-V22 FENMTSIMFL	237	11
>GNA11-V22 FENVTSIMFL'	64	>GNA11-V22 FENMTSIMFL	56	8
>GNA11-V22 FENVTSIMF	370	>GNA11-V22 FENMTSIMF	180	190
>GNA11-V22 FENVTSIM	342	>GNA11-V22 FENMTSIM	246	96
>GNA11-V22 FENVTSIMF	19	>GNA11-V22 FENMTSIMF	14	5
>GNA11-V22 FENVTSIMFL	526	>GNA11-V22 FENMTSIMFL	346	180
>GNA11-V22 FENVTSIM	442	>GNA11-V22 FENMTSIM	363	79
>GNA11-V22 FENVTSIMF	36	>GNA11-V22 FENMTSIMF	30	6
>GNA11-V22 FENVTSIMFL	255	>GNA11-V22 FENMTSIMFL	313	58
>GNA11-V22 FENVTSIM	233	>GNA11-V22 FENMTSIM	158	75
>GNA11-V22 FENVTSIMF	89	>GNA11-V22 FENMTSIMF	44	45
>GNA11-V22 FENVTSIMFL	126	>GNA11-V22 FENMTSIMFL	139	13
>GNA11-V22 FENVTSIMFL'	99	>GNA11-V22 FENMTSIMFL	54	45
>GNA11-V22 FENVTSIM	164	>GNA11-V22 FENMTSIM	88	76
>GNA11-V22 FENVTSIMF	196	>GNA11-V22 FENMTSIMF	99	97
>GNA11-V22 FENVTSIMFL	67	>GNA11-V22 FENMTSIMFL	72	5
>GNA11-V22 FENVTSIMFL'	114	>GNA11-V22 FENMTSIMFL	80	34
>GNA11-V22 FENVTSIMF	96	>GNA11-V22 FENMTSIMF	107	11
>GNA11-V22 FENVTSIMF	169	>GNA11-V22 FENMTSIMF	166	3
>GNA11-V22 FENVTSIMFL'	259	>GNA11-V22 FENMTSIMFL	296	37
>GNA11-V22 FENVTSIMF	359	>GNA11-V22 FENMTSIMF	586	227
>GNA11-V22 FENVTSIMFL	6	>GNA11-V22 FENMTSIMFL	4	2
>GNA11-V22 FENVTSIMFL'	14	>GNA11-V22 FENMTSIMFL	20	6
>GNA11-V22 CFENVTSI	181	>GNA11-V22 CFENMTSI	82	99
>GNA11-V22 CFENVTSI	206	>GNA11-V22 CFENMTSI	420	214
>GNA11-V22 CFENVTSIMF	10	>GNA11-V22 CFENMTSIMI	14	4
>GNA11-V22 CFENVTSIMF	36	>GNA11-V22 CFENMTSIMI	59	23

>GNA11-V22 CFENVTSIM	414	>GNA11-V22 CFENMTSIM	491	77
>GNA11-V22 HCFENVTSI	460	>GNA11-V22 HCFENMTSI	1741	1281
>GNA11-V22 HCFENVTSI	2049	>GNA11-V22 HCFENMTSI	400	1649
>GNA11-V22 HCFENVTSI	38	>GNA11-V22 HCFENMTSI	133	95
>GNA11-V22 HCFENVTSIM	191	>GNA11-V22 HCFENMTSIM	332	141
>GNA11-V22 HCFENVTSI	193	>GNA11-V22 HCFENMTSI	113	80
>GNA11-V22 HCFENVTSI	521	>GNA11-V22 HCFENMTSI	214	307
>GNA11-V22 HCFENVTSIM	342	>GNA11-V22 HCFENMTSIM	544	202
>GNA11-V22 HCFENVTSIM	29	>GNA11-V22 HCFENMTSIM	41	12
>GNA11-V22 HCFENVTSIM	412	>GNA11-V22 HCFENMTSIM	312	100
>GNA11-V22 HCFENVTSIM	273	>GNA11-V22 HCFENMTSIM	325	52
>GNA11-V22 HCFENVTSIM	427	>GNA11-V22 HCFENMTSIM	270	157
>GNA11-V22 HCFENVTSI	336	>GNA11-V22 HCFENMTSI	269	67
>GNA11-V22 WIHCFENV	118	>GNA11-V22 WIHCFENM	1620	1502
>GNA11-V22 WIHCFENVTS	371	>GNA11-V22 WIHCFENMT	324	47
>GNA11-V22 WIHCFENV	45	>GNA11-V22 WIHCFENM	3878	3833
>GNA11-V22 WIHCFENVTS	54	>GNA11-V22 WIHCFENMT	57	3
>GNA11-V22 WIHCFENV	72	>GNA11-V22 WIHCFENM	2286	2214
>GNA11-V22 WIHCFENVTS	385	>GNA11-V22 WIHCFENMT	268	117
>GNA11-V22 WIHCFENV	25	>GNA11-V22 WIHCFENM	3017	2992
>GNA11-V22 WIHCFENVTS	103	>GNA11-V22 WIHCFENMT	176	73
>GNA11-V22 WIHCFENV	314	>GNA11-V22 WIHCFENM	8014	7700
>GNA11-V22 WIHCFENV	428	>GNA11-V22 WIHCFENM	16777	16349
>GNA11-V22 WIHCFENV	36	>GNA11-V22 WIHCFENM	8491	8455
>GNA11-V22 WIHCFENV	7095	>GNA11-V22 WIHCFENM	360	6735
>GNA11-V22 WIHCFENV	26	>GNA11-V22 WIHCFENM	1201	1175
>GNA11-V22 WIHCFENVTS	193	>GNA11-V22 WIHCFENMT	130	63
>GNA11-V22 WIHCFENV	351	>GNA11-V22 WIHCFENM	3636	3285
>GNA11-V22 WIHCFENVTS	413	>GNA11-V22 WIHCFENMT	640	227
>GNA11-V22 KWIHCFENV	936	>GNA11-V22 KWIHCFENM	167	769
>GNA11-V22 KWIHCFENV	402	>GNA11-V22 KWIHCFENM	4092	3690
>GNA11-V22 KWIHCFENV	99	>GNA11-V22 KWIHCFENM	2466	2367
>GNA11-V22 KWIHCFENV	94	>GNA11-V22 KWIHCFENM	68	26
>GNA11-V22 KWIHCFENV	584	>GNA11-V22 KWIHCFENM	401	183
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>GNA11-V22 KWIHCFENV1	340	>GNA11-V22 KWIHCFENM	426	86
>GNA11-V22 KWIHCFENV1	232	>GNA11-V22 KWIHCFENM	258	26
>GNA11-V22 KWIHCFENV	163	>GNA11-V22 KWIHCFENM	159	4
>GNA11-V22 KWIHCFENV1	337	>GNA11-V22 KWIHCFENM	323	14
>GNA11-V22 RKWIHCFENV	22	>GNA11-V22 RKWIHCFENM	8	14
>GNA11-V22 RKWIHCFENV	426	>GNA11-V22 RKWIHCFENM	660	234
>GNA11-V22 RKWIHCFENV	920	>GNA11-V22 RKWIHCFENM	458	462
>GNAS-D141 DFPPEFYEHA	481	>GNAS-D141 VFPPEFYEHA	6962	6481

>GNAS-D141 FDFPPEFYEH,	16068	>GNAS-D141 FVFPPEFYEH,	71	15997
>GNAS-D141 FDFPPEFYEH,	2189	>GNAS-D141 FVFPPEFYEH,	30	2159
>GNAS-D141 FDFPPEFYEH,	13045	>GNAS-D141 FVFPPEFYEH,	133	12912
>GNAS-D141 FDFPPEFYEH,	21184	>GNAS-D141 FVFPPEFYEH,	427	20757
>GNAS-D141 FDFPPEFYEH,	1111	>GNAS-D141 FVFPPEFYEH,	6	1105
>GNAS-D141 FDFPPEFYEH,	3923	>GNAS-D141 FVFPPEFYEH,	19	3904
>GNAS-D141 FDFPPEFYEH,	11103	>GNAS-D141 FVFPPEFYEH,	64	11039
>GNAS-D141 FDFPPEFYEH,	17603	>GNAS-D141 FVFPPEFYEH,	30	17573
>GNAS-D141 FDFPPEFY	19311	>GNAS-D141 FVFPPEFY	170	19141
>GNAS-D141 FDFPPEFY	23201	>GNAS-D141 FVFPPEFY	183	23018
>GNAS-D141 FDFPPEFY	53	>GNAS-D141 FVFPPEFY	6	47
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>GNAS-D141 FDFPPEFY	3925	>GNAS-D141 FVFPPEFY	27	3898
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>GNAS-D141 FDFPPEFYEH	19851	>GNAS-D141 FVFPPEFYEH	403	19448
>GNAS-D141 FDFPPEFYEH,	789	>GNAS-D141 FVFPPEFYEH,	7	782
>GNAS-D141 FDFPPEFYEH,	11182	>GNAS-D141 FVFPPEFYEH,	108	11074
>GNAS-D141 FDFPPEFY	3167	>GNAS-D141 FVFPPEFY	72	3095
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>GNAS-D141 FDFPPEFY	362	>GNAS-D141 FVFPPEFY	102	260
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>GNAS-D141 FDFPPEFY	2057	>GNAS-D141 FVFPPEFY	128	1929
>GNAS-D141 FDFPPEFY	1583	>GNAS-D141 FVFPPEFY	202	1381
>GNAS-D141 ILSVMNVPDF	21636	>GNAS-D141 ILSVMNVPDF	46	21590
>GNAS-D141 ILSVMNVPDF	3646	>GNAS-D141 ILSVMNVPDF	4	3642
>GNAS-D141 ILSVMNVPDF	17310	>GNAS-D141 ILSVMNVPDF	16	17294
>GNAS-D141 ILSVMNVPDF	20578	>GNAS-D141 ILSVMNVPDF	114	20464
>GNAS-D141 ILSVMNVPDF	13994	>GNAS-D141 ILSVMNVPDF	8	13986
>GNAS-D141 ILSVMNVPDF	20504	>GNAS-D141 ILSVMNVPDF	17	20487
>GNAS-D141 ILSVMNVPDF	17560	>GNAS-D141 ILSVMNVPDF	10	17550
>GNAS-D141 ILSVMNVPDF	23695	>GNAS-D141 ILSVMNVPDF	4	23691
>GNAS-D141 ILSVMNVPDF	23254	>GNAS-D141 ILSVMNVPDF	6	23248
>GNAS-D141 DFDFPPEF	3169	>GNAS-D141 DFVFPPEF	281	2888
>GNAS-D141 DFDFPPEFY	10264	>GNAS-D141 DFVFPPEFY	40	10224
>GNAS-D141 DFDFPPEFY	137	>GNAS-D141 DFVFPPEFY	19	118
>GNAS-D141 DFDFPPEFY	188	>GNAS-D141 DFVFPPEFY	1566	1378
>GNAS-D141 PDFDFPPEFY	309	>GNAS-D141 PDFVFPPEFY	238	71
>GNAS-D141 VPDFDFPPEF	804	>GNAS-D141 VPDFVFPPEF	112	692
>GNAS-D141 VPDFDFPPEF	190	>GNAS-D141 VPDFVFPPEF	391	201
>GNAS-D141 VPDFDFPPEF	205	>GNAS-D141 VPDFVFPPEF	205	0
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>GNAS-D141 VPDFDFPPE	2484	>GNAS-D141 VPDFVFPPE	462	2022

>GNAS-D141 VPDFDFPPEF	356	>GNAS-D141 VPDFVFPPEF	351	5
>GNAS-D141 NVPDFDFPP	830	>GNAS-D141 NVPDFVFPP	448	382
>GNAS-D141 NVPDFDFPPE	382	>GNAS-D141 NVPDFVFPPE	858	476
>GNAS-D141 NVPDFDFPPE	1946	>GNAS-D141 NVPDFVFPPE	463	1483
>GNAS-D141 MNVPDFDF	689	>GNAS-D141 MNVPDFVF	499	190
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>GNAS-D141 VMNVPDFD	23509	>GNAS-D141 VMNVPDFV	111	23398
>GNAS-D141 VMNVPDFD	16853	>GNAS-D141 VMNVPDFV	18	16835
>GNAS-D141 VMNVPDFD	21499	>GNAS-D141 VMNVPDFV	23	21476
>GNAS-D141 VMNVPDFD	23782	>GNAS-D141 VMNVPDFV	134	23648
>GNAS-D141 VMNVPDFD	7219	>GNAS-D141 VMNVPDFV	3	7216
>GNAS-D141 VMNVPDFD	19276	>GNAS-D141 VMNVPDFV	7	19269
>GNAS-D141 VMNVPDFD	15149	>GNAS-D141 VMNVPDFV	7	15142
>GNAS-D141 VMNVPDFD	22576	>GNAS-D141 VMNVPDFV	4	22572
>GNAS-D141 VMNVPDFD	26221	>GNAS-D141 VMNVPDFV	7	26214
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>GNAS-D141 VMNVPDFDF	222	>GNAS-D141 VMNVPDFVF	121	101
>GNAS-D141 VMNVPDFDF	49	>GNAS-D141 VMNVPDFVF	19	30
>GNAS-D141 VMNVPDFDF	943	>GNAS-D141 VMNVPDFVF	427	516
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>GNAS-D141 SVMNVPDFD	22769	>GNAS-D141 SVMNVPDFV	20	22749
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>GNAS-D141 SVMNVPDFD	35365	>GNAS-D141 SVMNVPDFV	106	35259
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>GNAS-D141 SVMNVPDFD	671	>GNAS-D141 SVMNVPDFV	305	366
>GNAS-D141 SVMNVPDFD	831	>GNAS-D141 SVMNVPDFV	421	410
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>GNAS-D141 SVMNVPDFD	4212	>GNAS-D141 SVMNVPDFV	6	4206
>GNAS-D141 SVMNVPDFD	15778	>GNAS-D141 SVMNVPDFV	29	15749
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>GNAS-D141 SVMNVPDFD	2327	>GNAS-D141 SVMNVPDFV	230	2097
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>GNAS-D141 LSVMNVPDFI	86	>GNAS-D141 LSVMNVPDFI	42	44
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>GNAS-D141 LSVMNVPDFI	549	>GNAS-D141 LSVMNVPDF'	167	382
>GNAS-D141 LSVMNVPDFI	60	>GNAS-D141 LSVMNVPDF'	25	35
>GNAS-D141 LSVMNVPDFI	2188	>GNAS-D141 LSVMNVPDF'	330	1858
>GNAS-L203ILTSGIFET	388	>GNAS-L203IPTSGIFET	9422	9034
>GNAS-L203ILTSGIFETK	37	>GNAS-L203IPTSGIFETK	529	492
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>GNAS-L203ILTSGIFETKF	200	>GNAS-L203IPTSGIFETKF	435	235
>GNAS-L203ILTSGIFETK	8	>GNAS-L203IPTSGIFETK	202	194
>GNAS-L203ILTSGIFET	267	>GNAS-L203IPTSGIFET	5438	5171
>GNAS-L203ILTSGIFETKF	10	>GNAS-L203IPTSGIFETKF	1425	1415
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>GNAS-L203ILTSGIFETKF	19	>GNAS-L203IPTSGIFETKF	140	121
>GNAS-L203ILTSGIFETK	368	>GNAS-L203IPTSGIFETK	1185	817
>GNAS-L203IVLTSGIFETKF	13366	>GNAS-L203IVPTSGIFETKF	62	13304
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>GNAS-L203IVLTSGIFET	172	>GNAS-L203IVPTSGIFET	31174	31002
>GNAS-L203IVLTSGIFET	257	>GNAS-L203IVPTSGIFET	23647	23390
>GNAS-L203IVLTSGIFET	164	>GNAS-L203IVPTSGIFET	19622	19458
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>GNAS-L203IVLTSGIFETK	98	>GNAS-L203IVPTSGIFETK	35501	35403
>GNAS-L203IVLTSGIFETKF	456	>GNAS-L203IVPTSGIFETKF	36341	35885
>GNAS-L203IVLTSGIFETK	71	>GNAS-L203IVPTSGIFETK	5856	5785
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>GNAS-L203IVLTSGIFETKF	179	>GNAS-L203IVPTSGIFETKF	1131	952
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>GNAS-L203IVLTSGIFETKF	19698	>GNAS-L203IVPTSGIFETKF	119	19579
>GNAS-L203IVLTSGIFETKF	483	>GNAS-L203IVPTSGIFETKF	638	155
>GNAS-L203IVLTSGIFETKF	17623	>GNAS-L203IVPTSGIFETKF	86	17537
>GNAS-L203IRVLTSGIFET	235	>GNAS-L203IRVPTSGIFET	1313	1078
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>GNAS-L203IRVLTSGIFE	328	>GNAS-L203IRVPTSGIFE	4290	3962
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>GNAS-L203IRVLTSGIFETK	94	>GNAS-L203IRVPTSGIFETK	1129	1035
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>GNAS-L203IRVLTSGIF	19626	>GNAS-L203IRVPTSGIF	96	19530
>GNAS-L203IRVLTSGIF	276	>GNAS-L203IRVPTSGIF	1066	790
>GNAS-L203ICRVLTSGIF	336	>GNAS-L203ICRVPTSGIF	115	221
>GNAS-L203ICRVLTSGIF	363	>GNAS-L203ICRVPTSGIF	87	276
>GNAS-L203ICRVLTSGI	2274	>GNAS-L203ICRVPTSGI	324	1950
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>GNAS-L203ICRVLTSGIF	354	>GNAS-L203ICRVPTSGIF	335	19
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>GNAS-L203ICRVLTSGIF	172	>GNAS-L203ICRVPTSGIF	85	87
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>GNAS-L203ICRVLTSGI	182	>GNAS-L203ICRVPTSGI	198	16
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>GNAS-L203ILRCRVLTSGI	386	>GNAS-L203ILRCRVPTSGI	2376	1990
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>GNAS-Q227GQRDERRKVA	10714	>GNAS-Q227GERDERRKW	283	10431
>GNAS-Q227GQRDERRKVA	11779	>GNAS-Q227GERDERRKW	391	11388
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>GNAS-Q227MFDVGGQR	267	>GNAS-Q227MFDVGGER	274	7

>GNAS-Q227 MFDVGGQRI	359	>GNAS-Q227 MFDVGGERC	745	386
>GNAS-Q227 HMFVDVGGQ	148	>GNAS-Q227 HMFVDVGGE	1686	1538
>GNAS-Q227 HMFVDVGGQ	246	>GNAS-Q227 HMFVDVGGE	8915	8669
>GNAS-Q227 HMFVDVGGQI	151	>GNAS-Q227 HMFVDVGGEF	264	113
>GNAS-Q227 HMFVDVGGQI	18	>GNAS-Q227 HMFVDVGGEF	20	2
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>GNAS-Q227 NFHMFDVGC	223	>GNAS-Q227 NFHMFDVGC	199	24
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>GNAS-Q227 NFHMFDVGC	121	>GNAS-Q227 NFHMFDVGC	159	38
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>GNAS-Q227 GQRDERRK	377	>GNAS-Q227 GHRDERRK	4242	3865
>GNAS-Q227 GGQRDERRK	845	>GNAS-Q227 GGHRDERRK	497	348
>GNAS-Q227 DVGGQRDER	202	>GNAS-Q227 DVGGHRDER	182	20
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>GNAS-Q227 DVGGQRDER	439	>GNAS-Q227 DVGGHRDER	117	322
>GNAS-Q227 MFDVGGQR	267	>GNAS-Q227 MFDVGGHR	84	183
>GNAS-Q227 MFDVGGQRI	359	>GNAS-Q227 MFDVGGHRI	167	192
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>GNAS-Q227 HMFVDVGGQ	148	>GNAS-Q227 HMFVDVGGH	2758	2610
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>GNAS-Q227 HMFVDVGGQI	151	>GNAS-Q227 HMFVDVGGHI	130	21
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>GNAS-Q227 HMFVDVGGQI	88	>GNAS-Q227 HMFVDVGGHI	54	34
>GNAS-Q227 NFHMFDVGC	223	>GNAS-Q227 NFHMFDVGC	102	121
>GNAS-Q227 NFHMFDVGC	57	>GNAS-Q227 NFHMFDVGC	30	27
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>GNAS-Q227 NFHMFDVGC	121	>GNAS-Q227 NFHMFDVGC	66	55
>GNAS-Q227 QRDERRKWI	451	>GNAS-Q227 KRDERRKWI	964	513
>GNAS-Q227 QRDERRKWI	2953	>GNAS-Q227 KRDERRKWI	378	2575
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>GNAS-Q227 GQRDERRK	377	>GNAS-Q227 GKRDERRK	2791	2414
>GNAS-Q227 GGQRDERRK	845	>GNAS-Q227 GGKRDERRK	369	476
>GNAS-Q227 DVGGQRDER	202	>GNAS-Q227 DVGGKRDER	109	93



>GNAS-Q227 DVGGQRDER	75	>GNAS-Q227 DVGGKRDER	102	27
>GNAS-Q227 DVGGQRDER	439	>GNAS-Q227 DVGGKRDER	502	63
>GNAS-Q227 MFDVGGQR	267	>GNAS-Q227 MFDVGGKR	352	85
>GNAS-Q227 MFDVGGQRI	359	>GNAS-Q227 MFDVGGKRE	377	18
>GNAS-Q227 HMFVGGQ	148	>GNAS-Q227 HMFVGGK	585	437
>GNAS-Q227 HMFVGGQ	246	>GNAS-Q227 HMFVGGK	2850	2604
>GNAS-Q227 HMFVGGQ	12274	>GNAS-Q227 HMFVGGK	39	12235
>GNAS-Q227 HMFVGGQI	151	>GNAS-Q227 HMFVGGKF	144	7
>GNAS-Q227 HMFVGGQ	23571	>GNAS-Q227 HMFVGGK	57	23514
>GNAS-Q227 HMFVGGQ	11073	>GNAS-Q227 HMFVGGK	262	10811
>GNAS-Q227 HMFVGGQ	9963	>GNAS-Q227 HMFVGGK	466	9497
>GNAS-Q227 HMFVGGQI	18	>GNAS-Q227 HMFVGGKF	20	2
>GNAS-Q227 HMFVGGQI	33	>GNAS-Q227 HMFVGGKF	47	14
>GNAS-Q227 HMFVGGQ	2189	>GNAS-Q227 HMFVGGK	54	2135
>GNAS-Q227 HMFVGGQI	19	>GNAS-Q227 HMFVGGKF	27	8
>GNAS-Q227 HMFVGGQ	3034	>GNAS-Q227 HMFVGGK	357	2677
>GNAS-Q227 HMFVGGQI	88	>GNAS-Q227 HMFVGGKF	60	28
>GNAS-Q227 NFHMFDVGC	223	>GNAS-Q227 NFHMFDVGC	259	36
>GNAS-Q227 NFHMFDVGC	57	>GNAS-Q227 NFHMFDVGC	75	18
>GNAS-Q227 NFHMFDVGC	137	>GNAS-Q227 NFHMFDVGC	203	66
>GNAS-Q227 NFHMFDVGC	121	>GNAS-Q227 NFHMFDVGC	84	37
>GNAS-Q227 QRDERRKWI	451	>GNAS-Q227 LRDERRKWI	362	89
>GNAS-Q227 GQRDERRKW	24917	>GNAS-Q227 GLRDERRKW	60	24857
>GNAS-Q227 GQRDERRKW	29065	>GNAS-Q227 GLRDERRKW	296	28769
>GNAS-Q227 GQRDERRK	377	>GNAS-Q227 GLRDERRK	189	188
>GNAS-Q227 VNFHMFDVC	4529	>GNAS-Q227 VNFHMFDVC	102	4427
>GNAS-Q227 GGQRDERRK	845	>GNAS-Q227 GGGLRDERRK	359	486
>GNAS-Q227 DVGGQRDER	202	>GNAS-Q227 DVGGLRDER	80	122
>GNAS-Q227 DVGGQRDER	75	>GNAS-Q227 DVGGLRDER	37	38
>GNAS-Q227 DVGGQRDER	439	>GNAS-Q227 DVGGLRDERI	79	360
>GNAS-Q227 MFDVGGQR	267	>GNAS-Q227 MFDVGGLR	176	91
>GNAS-Q227 MFDVGGQRI	359	>GNAS-Q227 MFDVGGLRD	334	25
>GNAS-Q227 MFDVGGQR	601	>GNAS-Q227 MFDVGGLR	289	312
>GNAS-Q227 HMFVGGQ	11956	>GNAS-Q227 HMFVGGGL	57	11899
>GNAS-Q227 HMFVGGQ	943	>GNAS-Q227 HMFVGGGL	13	930
>GNAS-Q227 HMFVGGQ	1877	>GNAS-Q227 HMFVGGGL	12	1865
>GNAS-Q227 HMFVGGQ	4761	>GNAS-Q227 HMFVGGGL	96	4665
>GNAS-Q227 HMFVGGQ	148	>GNAS-Q227 HMFVGGGL	3	145
>GNAS-Q227 HMFVGGQ	3230	>GNAS-Q227 HMFVGGGL	12	3218
>GNAS-Q227 HMFVGGQ	1461	>GNAS-Q227 HMFVGGGL	13	1448
>GNAS-Q227 HMFVGGQ	13486	>GNAS-Q227 HMFVGGGL	135	13351
>GNAS-Q227 HMFVGGQ	246	>GNAS-Q227 HMFVGGGL	6	240
>GNAS-Q227 HMFVGGQI	151	>GNAS-Q227 HMFVGGGLR	90	61

>GNAS-Q227 HMFVGGQI	949	>GNAS-Q227 HMFVGGLR	290	659
>GNAS-Q227 HMFVGGQI	18	>GNAS-Q227 HMFVGGLR	16	2
>GNAS-Q227 HMFVGGQI	33	>GNAS-Q227 HMFVGGLR	19	14
>GNAS-Q227 HMFVGGQI	19	>GNAS-Q227 HMFVGGLR	11	8
>GNAS-Q227 HMFVGGQ	12698	>GNAS-Q227 HMFVGG	474	12224
>GNAS-Q227 HMFVGGQ	9922	>GNAS-Q227 HMFVGG	461	9461
>GNAS-Q227 HMFVGGQ	2333	>GNAS-Q227 HMFVGG	272	2061
>GNAS-Q227 HMFVGGQ	3172	>GNAS-Q227 HMFVGG	310	2862
>GNAS-Q227 HMFVGGQ	7005	>GNAS-Q227 HMFVGG	470	6535
>GNAS-Q227 HMFVGGQ	20658	>GNAS-Q227 HMFVGG	346	20312
>GNAS-Q227 HMFVGGQI	88	>GNAS-Q227 HMFVGGLR	50	38
>GNAS-Q227 FHMFDVGGC	14165	>GNAS-Q227 FHMFDVGG	57	14108
>GNAS-Q227 NFHMFDVGC	223	>GNAS-Q227 NFHMFDVGC	122	101
>GNAS-Q227 NFHMFDVGC	57	>GNAS-Q227 NFHMFDVGC	28	29
>GNAS-Q227 NFHMFDVGC	137	>GNAS-Q227 NFHMFDVGC	71	66
>GNAS-Q227 NFHMFDVGC	121	>GNAS-Q227 NFHMFDVGC	61	60
>GNAS-Q227 QRDERRKWI	451	>GNAS-Q227 RRDERRKWI	1133	682
>GNAS-Q227 QRDERRKWI	2990	>GNAS-Q227 RRDERRKWI	428	2562
>GNAS-Q227 QRDERRKWI	3088	>GNAS-Q227 RRDERRKWI	106	2982
>GNAS-Q227 QRDERRKW	13412	>GNAS-Q227 RRDERRKW	244	13168
>GNAS-Q227 QRDERRKWI	2953	>GNAS-Q227 RRDERRKWI	143	2810
>GNAS-Q227 QRDERRKWI	2737	>GNAS-Q227 RRDERRKWI	96	2641
>GNAS-Q227 QRDERRKWI	5487	>GNAS-Q227 RRDERRKWI	354	5133
>GNAS-Q227 QRDERRKW	2329	>GNAS-Q227 RRDERRKW	149	2180
>GNAS-Q227 QRDERRKWI	726	>GNAS-Q227 RRDERRKWI	63	663
>GNAS-Q227 QRDERRKWI	1622	>GNAS-Q227 RRDERRKWI	106	1516
>GNAS-Q227 GQRDERRK	377	>GNAS-Q227 GRRDERRK	3037	2660
>GNAS-Q227 GQRDERRKW	14564	>GNAS-Q227 GRRDERRKW	287	14277
>GNAS-Q227 VNFHMFDVGC	21507	>GNAS-Q227 VNFHMFDVGC	487	21020
>GNAS-Q227 GGQRDERRK	845	>GNAS-Q227 GGRRDERRK	238	607
>GNAS-Q227 DVGGQRDER	202	>GNAS-Q227 DVGGRRDER	43	159
>GNAS-Q227 DVGGQRDER	75	>GNAS-Q227 DVGGRRDER	67	8
>GNAS-Q227 DVGGQRDER	439	>GNAS-Q227 DVGGRRDER	296	143
>GNAS-Q227 MFDVGGQR	267	>GNAS-Q227 MFDVGGRR	323	56
>GNAS-Q227 MFDVGGQRI	359	>GNAS-Q227 MFDVGGRRI	296	63
>GNAS-Q227 MFDVGGQRI	650	>GNAS-Q227 MFDVGGRRI	446	204
>GNAS-Q227 HMFVGGQ	148	>GNAS-Q227 HMFVGG	1558	1410
>GNAS-Q227 HMFVGGQ	246	>GNAS-Q227 HMFVGG	7538	7292
>GNAS-Q227 HMFVGGQ	12274	>GNAS-Q227 HMFVGG	236	12038
>GNAS-Q227 HMFVGGQI	151	>GNAS-Q227 HMFVGGRF	149	2
>GNAS-Q227 HMFVGGQ	9963	>GNAS-Q227 HMFVGG	29	9934
>GNAS-Q227 HMFVGGQI	18	>GNAS-Q227 HMFVGGRF	21	3
>GNAS-Q227 HMFVGGQ	10803	>GNAS-Q227 HMFVGG	46	10757

>GNAS-Q227 HMFVDVGGQI	33	>GNAS-Q227 HMFVDVGGRF	42	9
>GNAS-Q227 HMFVDVGGQ	2189	>GNAS-Q227 HMFVDVGGR	20	2169
>GNAS-Q227 HMFVDVGGQI	19	>GNAS-Q227 HMFVDVGGRF	27	8
>GNAS-Q227 HMFVDVGGQ	3034	>GNAS-Q227 HMFVDVGGR	43	2991
>GNAS-Q227 HMFVDVGGQI	88	>GNAS-Q227 HMFVDVGGRF	83	5
>GNAS-Q227 NFHMFDVGC	29777	>GNAS-Q227 NFHMFDVGC	410	29367
>GNAS-Q227 NFHMFDVGC	223	>GNAS-Q227 NFHMFDVGC	242	19
>GNAS-Q227 NFHMFDVGC	14211	>GNAS-Q227 NFHMFDVGC	133	14078
>GNAS-Q227 NFHMFDVGC	57	>GNAS-Q227 NFHMFDVGC	63	6
>GNAS-Q227 NFHMFDVGC	31479	>GNAS-Q227 NFHMFDVGC	239	31240
>GNAS-Q227 NFHMFDVGC	137	>GNAS-Q227 NFHMFDVGC	195	58
>GNAS-Q227 NFHMFDVGC	5730	>GNAS-Q227 NFHMFDVGC	68	5662
>GNAS-Q227 NFHMFDVGC	121	>GNAS-Q227 NFHMFDVGC	100	21
>GNAS-R201 RVLTS GIFET	235	>GNAS-R201 CVLTS GIFET	636	401
>GNAS-R201 RVLTS GIFETK	84	>GNAS-R201 CVLTS GIFETK	541	457
>GNAS-R201 RVLTS GIFETK	17	>GNAS-R201 CVLTS GIFETK	36	19
>GNAS-R201 RVLTS GIF E	328	>GNAS-R201 CVLTS GIF E	7096	6768
>GNAS-R201 RVLTS GIFETK	14	>GNAS-R201 CVLTS GIFETK	426	412
>GNAS-R201 RVLTS GIFETK	94	>GNAS-R201 CVLTS GIFETK	1916	1822
>GNAS-R201 RVLTS GIF	233	>GNAS-R201 CVLTS GIF	13352	13119
>GNAS-R201 RVLTS GIFETK	797	>GNAS-R201 CVLTS GIFETK	171	626
>GNAS-R201 RVLTS GIF	490	>GNAS-R201 CVLTS GIF	4457	3967
>GNAS-R201 RVLTS GIF	46	>GNAS-R201 CVLTS GIF	395	349
>GNAS-R201 RVLTS GIF	19	>GNAS-R201 CVLTS GIF	1283	1264
>GNAS-R201 RVLTS GIF	237	>GNAS-R201 CVLTS GIF	5905	5668
>GNAS-R201 RVLTS GIF	276	>GNAS-R201 CVLTS GIF	5581	5305
>GNAS-R201 CRVLTSGIF	336	>GNAS-R201 CCVLTSGIF	4074	3738
>GNAS-R201 CRVLTSGIF	363	>GNAS-R201 CCVLTSGIF	17662	17299
>GNAS-R201 RCRVLTSG	230	>GNAS-R201 RCCVLTSG	10650	10420
>GNAS-R201 RCRVLTSGI	25	>GNAS-R201 RCCVLTSGI	4323	4298
>GNAS-R201 RCRVLTSGIF	354	>GNAS-R201 RCCVLTSGIF	12043	11689
>GNAS-R201 RCRVLTSGIFE	154	>GNAS-R201 RCCVLTSGIFE	6021	5867
>GNAS-R201 RCRVLTSGIF	172	>GNAS-R201 RCCVLTSGIF	897	725
>GNAS-R201 RCRVLTSGI	182	>GNAS-R201 RCCVLTSGI	1081	899
>GNAS-R201 RCRVLTSGIF	104	>GNAS-R201 RCCVLTSGIF	271	167
>GNAS-R201 RCRVLTSGI	577	>GNAS-R201 RCCVLTSGI	121	456
>GNAS-R201 LRCRVLTSGI	386	>GNAS-R201 LRCCVLTSGI	1069	683
>GNAS-R201 LRCRVLTSGIF	123	>GNAS-R201 LRCCVLTSGIF	72	51
>GNAS-R201 LRCRVLTSGIF	392	>GNAS-R201 LRCCVLTSGIF	1327	935
>GNAS-R201 LLRCRVLTSGI	640	>GNAS-R201 LLRCCVLTSGI	348	292
>GNAS-R201 LLRCRVLTSGI	12	>GNAS-R201 LLRCCVLTSGI	13	1
>GNAS-R201 LLRCRVLTSGI	104	>GNAS-R201 LLRCCVLTSGI	120	16
>GNAS-R201 LLRCRVLTSGI	122	>GNAS-R201 LLRCCVLTSGI	65	57

>GNAS-R201 LLRCRVLTSGI	38	>GNAS-R201 LLRCCVLTSGI	35	3
>GNAS-R201 LLRCRVLTSGI	227	>GNAS-R201 LLRCCVLTSGI	647	420
>GNAS-R201 LLRCRVLTSGI	98	>GNAS-R201 LLRCCVLTSGI	6030	5932
>GNAS-R201 LLRCRVLTSGI	73	>GNAS-R201 LLRCCVLTSGI	955	882
>GNAS-R201 LLRCRVLTSGI	533	>GNAS-R201 LLRCCVLTSGI	436	97
>GNAS-R201 LLRCRVLTSGI	473	>GNAS-R201 LLRCCVLTSGI	428	45
>GNAS-R201 LLRCRVLTSGI	561	>GNAS-R201 LLRCCVLTSGI	297	264
>GNAS-R201 DLLRCRVL	3772	>GNAS-R201 DLLRCCVL	299	3473
>GNAS-R201 DLLRCRVL	701	>GNAS-R201 DLLRCCVL	104	597
>GNAS-R201 QDLLRCRVL	364	>GNAS-R201 QDLLRCCVL	215	149
>GNAS-R201 QDLLRCRVL	273	>GNAS-R201 QDLLRCCVL	303	30
>GNAS-R201 QDLLRCRVL	1643	>GNAS-R201 QDLLRCCVL	305	1338
>GNAS-R201 RVLTSIGIFET	235	>GNAS-R201 HVLTSIGIFET	637	402
>GNAS-R201 RVLTSIGIFETK	84	>GNAS-R201 HVLTSIGIFETK	169	85
>GNAS-R201 RVLTSIGIFETK	17	>GNAS-R201 HVLTSIGIFETK	44	27
>GNAS-R201 RVLTSIGIF	2306	>GNAS-R201 HVLTSIGIF	490	1816
>GNAS-R201 RVLTSIGIFE	328	>GNAS-R201 HVLTSIGIFE	1121	793
>GNAS-R201 RVLTSIGIFETK	14	>GNAS-R201 HVLTSIGIFETK	33	19
>GNAS-R201 RVLTSIGIFETK	94	>GNAS-R201 HVLTSIGIFETK	384	290
>GNAS-R201 RVLTSIGIF	233	>GNAS-R201 HVLTSIGIF	2890	2657
>GNAS-R201 RVLTSIGIFETK	797	>GNAS-R201 HVLTSIGIFETK	51	746
>GNAS-R201 RVLTSIGIF	490	>GNAS-R201 HVLTSIGIF	1576	1086
>GNAS-R201 RVLTSIGIF	1938	>GNAS-R201 HVLTSIGIF	247	1691
>GNAS-R201 RVLTSIGIF	46	>GNAS-R201 HVLTSIGIF	196	150
>GNAS-R201 RVLTSIGIF	19	>GNAS-R201 HVLTSIGIF	149	130
>GNAS-R201 RVLTSIGIF	2518	>GNAS-R201 HVLTSIGIF	208	2310
>GNAS-R201 RVLTSIGIF	237	>GNAS-R201 HVLTSIGIF	4323	4086
>GNAS-R201 RVLTSIGIF	276	>GNAS-R201 HVLTSIGIF	2449	2173
>GNAS-R201 CRVLTSGIF	336	>GNAS-R201 CHVLTSGIF	726	390
>GNAS-R201 CRVLTSGIF	363	>GNAS-R201 CHVLTSGIF	97	266
>GNAS-R201 VPSDQDLLRC	7784	>GNAS-R201 VPSDQDLLRC	426	7358
>GNAS-R201 RCRVLTSG	230	>GNAS-R201 RCHVLTSG	2280	2050
>GNAS-R201 RCRVLTSGI	25	>GNAS-R201 RCHVLTSGI	237	212
>GNAS-R201 RCRVLTSGIF	354	>GNAS-R201 RCHVLTSGIF	2994	2640
>GNAS-R201 RCRVLTSGIFE	154	>GNAS-R201 RCHVLTSGIFE	1095	941
>GNAS-R201 RCRVLTSGIF	172	>GNAS-R201 RCHVLTSGIF	298	126
>GNAS-R201 RCRVLTSGI	182	>GNAS-R201 RCHVLTSGI	1155	973
>GNAS-R201 RCRVLTSGIF	104	>GNAS-R201 RCHVLTSGIF	186	82
>GNAS-R201 RCRVLTSGI	577	>GNAS-R201 RCHVLTSGI	184	393
>GNAS-R201 LRCRVLTSGI	386	>GNAS-R201 LRCHVLTSGI	432	46
>GNAS-R201 LRCRVLTSGIF	123	>GNAS-R201 LRCHVLTSGIF	64	59
>GNAS-R201 LRCRVLTSGIF	392	>GNAS-R201 LRCHVLTSGIF	673	281
>GNAS-R201 LLRCRVLTSGI	640	>GNAS-R201 LLRCHVLTSGI	317	323

>GNAS-R201 LLRCRVLT	696	>GNAS-R201 LLRCHVLT	250	446
>GNAS-R201 LLRCRVLTS	1213	>GNAS-R201 LLRCHVLTS	331	882
>GNAS-R201 LLRCRVLTSGI	12	>GNAS-R201 LLRCHVLTSGI	8	4
>GNAS-R201 LLRCRVLTSGI	104	>GNAS-R201 LLRCHVLTSGI	58	46
>GNAS-R201 LLRCRVLTSGI	122	>GNAS-R201 LLRCHVLTSGI	81	41
>GNAS-R201 LLRCRVLTSGI	38	>GNAS-R201 LLRCHVLTSGI	39	1
>GNAS-R201 LLRCRVLTSGI	227	>GNAS-R201 LLRCHVLTSGI	260	33
>GNAS-R201 LLRCRVLTS	98	>GNAS-R201 LLRCHVLTS	287	189
>GNAS-R201 LLRCRVLTSGI	73	>GNAS-R201 LLRCHVLTSGI	109	36
>GNAS-R201 LLRCRVLTSG	533	>GNAS-R201 LLRCHVLTSG	273	260
>GNAS-R201 LLRCRVLTSGI	473	>GNAS-R201 LLRCHVLTSGI	253	220
>GNAS-R201 LLRCRVLTSGI	561	>GNAS-R201 LLRCHVLTSGI	314	247
>GNAS-R201 DLLRCRVL	3772	>GNAS-R201 DLLRCHVL	233	3539
>GNAS-R201 DLLRCRVL	701	>GNAS-R201 DLLRCHVL	73	628
>GNAS-R201 QDLLRCRVL	364	>GNAS-R201 QDLLRCHVL	281	83
>GNAS-R201 QDLLRCRV	273	>GNAS-R201 QDLLRCHV	257	16
>GNAS-R201 QDLLRCRVL	1643	>GNAS-R201 QDLLRCHVL	416	1227
>GNAS-R201 RVLTS GIFET	235	>GNAS-R201 SVLTSGIFET	153	82
>GNAS-R201 RVLTS GIFETK	84	>GNAS-R201 SVLTSGIFETK	277	193
>GNAS-R201 RVLTS GIFETK	17	>GNAS-R201 SVLTSGIFETK	12	5
>GNAS-R201 RVLTS GIF	2306	>GNAS-R201 SVLTSGIF	454	1852
>GNAS-R201 RVLTS GIFE	328	>GNAS-R201 SVLTSGIFE	2968	2640
>GNAS-R201 RVLTS GIFETK	14	>GNAS-R201 SVLTSGIFETK	97	83
>GNAS-R201 RVLTS GIFETK	94	>GNAS-R201 SVLTSGIFETK	768	674
>GNAS-R201 RVLTS GIF	233	>GNAS-R201 SVLTSGIF	2299	2066
>GNAS-R201 RVLTS GIFETK	797	>GNAS-R201 SVLTSGIFETK	105	692
>GNAS-R201 RVLTS GIF	490	>GNAS-R201 SVLTSGIF	1236	746
>GNAS-R201 RVLTS GIF	1938	>GNAS-R201 SVLTSGIF	364	1574
>GNAS-R201 RVLTS GIF	46	>GNAS-R201 SVLTSGIF	245	199
>GNAS-R201 RVLTS GIF	19	>GNAS-R201 SVLTSGIF	328	309
>GNAS-R201 RVLTS GIF	237	>GNAS-R201 SVLTSGIF	10118	9881
>GNAS-R201 RVLTS GIF	276	>GNAS-R201 SVLTSGIF	4455	4179
>GNAS-R201 RVLTS GIFETK	1418	>GNAS-R201 SVLTSGIFETK	341	1077
>GNAS-R201 CRVLTSGIF	336	>GNAS-R201 CSVLTSGIF	707	371
>GNAS-R201 CRVLTSGI	27048	>GNAS-R201 CSVLTSGI	242	26806
>GNAS-R201 CRVLTSGIF	23800	>GNAS-R201 CSVLTSGIF	20	23780
>GNAS-R201 CRVLTSGIF	21119	>GNAS-R201 CSVLTSGIF	253	20866
>GNAS-R201 CRVLTSGIF	8423	>GNAS-R201 CSVLTSGIF	196	8227
>GNAS-R201 CRVLTSGIF	363	>GNAS-R201 CSVLTSGIF	3059	2696
>GNAS-R201 CRVLTSGI	2274	>GNAS-R201 CSVLTSGI	20	2254
>GNAS-R201 RCRVLTSG	230	>GNAS-R201 RCSVLTSG	11229	10999
>GNAS-R201 RCRVLTSGI	25	>GNAS-R201 RCSVLTSGI	4637	4612
>GNAS-R201 RCRVLTSGIF	354	>GNAS-R201 RCSVLTSGIF	12119	11765

>GNAS-R201 RCRVLTSGIFE	154	>GNAS-R201 RCSVLTSGIFE	6962	6808
>GNAS-R201 RCRVLTSGIF	172	>GNAS-R201 RCSVLTSGIF	437	265
>GNAS-R201 RCRVLTSGI	182	>GNAS-R201 RCSVLTSGI	547	365
>GNAS-R201 RCRVLTSGIF	104	>GNAS-R201 RCSVLTSGIF	59	45
>GNAS-R201 RCRVLTSGI	577	>GNAS-R201 RCSVLTSGI	239	338
>GNAS-R201 LRCRVLTSGI	386	>GNAS-R201 LRCSVLTSGI	1005	619
>GNAS-R201 LRCRVLTSGIF	123	>GNAS-R201 LRCSVLTSGIF	83	40
>GNAS-R201 LRCRVLTSGIF	392	>GNAS-R201 LRCSVLTSGIF	745	353
>GNAS-R201 LLRCRVLTSGI	640	>GNAS-R201 LLRCSVLTSGI	437	203
>GNAS-R201 LLRCRVLT	696	>GNAS-R201 LLRCSVLT	363	333
>GNAS-R201 LLRCRVLTSGI	12	>GNAS-R201 LLRCSVLTSGI	11	1
>GNAS-R201 LLRCRVLTSGI	104	>GNAS-R201 LLRCSVLTSGI	72	32
>GNAS-R201 LLRCRVLTSGI	122	>GNAS-R201 LLRCSVLTSGI	72	50
>GNAS-R201 LLRCRVLTSGI	38	>GNAS-R201 LLRCSVLTSGI	30	8
>GNAS-R201 LLRCRVLT	629	>GNAS-R201 LLRCSVLT	446	183
>GNAS-R201 LLRCRVLTSGI	227	>GNAS-R201 LLRCSVLTSGI	186	41
>GNAS-R201 LLRCRVLT	98	>GNAS-R201 LLRCSVLT	4501	4403
>GNAS-R201 LLRCRVLTSGI	73	>GNAS-R201 LLRCSVLTSGI	646	573
>GNAS-R201 LLRCRVLTSG	533	>GNAS-R201 LLRCSVLTSG	259	274
>GNAS-R201 LLRCRVLTSGI	473	>GNAS-R201 LLRCSVLTSGI	242	231
>GNAS-R201 LLRCRVLTSGI	561	>GNAS-R201 LLRCSVLTSGI	149	412
>GNAS-R201 DLLRCRVL	3772	>GNAS-R201 DLLRCSVL	300	3472
>GNAS-R201 DLLRCRVL	701	>GNAS-R201 DLLRCSVL	178	523
>GNAS-R201 QDLLRCRVL	364	>GNAS-R201 QDLLRCSVL	399	35
>GNAS-R201 QDLLRCRV	273	>GNAS-R201 QDLLRCSV	244	29
>GNAS-V248 VASSSYNM	4576	>GNAS-V248 MASSSYNM	443	4133
>GNAS-V248 VASSSYNMV	557	>GNAS-V248 MASSSYNMV	44	513
>GNAS-V248 VASSSYNMVI	710	>GNAS-V248 MASSSYNMV	123	587
>GNAS-V248 VASSSYNMV	286	>GNAS-V248 MASSSYNMV	51	235
>GNAS-V248 VASSSYNMV	2009	>GNAS-V248 MASSSYNMV	398	1611
>GNAS-V248 VASSSYNMV	615	>GNAS-V248 MASSSYNMV	211	404
>GNAS-V248 VASSSYNMVI	108	>GNAS-V248 MASSSYNMV	19	89
>GNAS-V248 VASSSYNMVI	84	>GNAS-V248 MASSSYNMV	5	79
>GNAS-V248 VASSSYNM	9717	>GNAS-V248 MASSSYNM	200	9517
>GNAS-V248 VASSSYNMV	595	>GNAS-V248 MASSSYNMV	9	586
>GNAS-V248 VASSSYNMVI	779	>GNAS-V248 MASSSYNMV	63	716
>GNAS-V248 VASSSYNMV	1478	>GNAS-V248 MASSSYNMV	74	1404
>GNAS-V248 VASSSYNM	203	>GNAS-V248 MASSSYNM	58	145
>GNAS-V248 VASSSYNMV	346	>GNAS-V248 MASSSYNMV	88	258
>GNAS-V248 VASSSYNMVI	139	>GNAS-V248 MASSSYNMV	47	92
>GNAS-V248 VASSSYNM	80	>GNAS-V248 MASSSYNM	39	41
>GNAS-V248 VASSSYNM	246	>GNAS-V248 MASSSYNM	18	228
>GNAS-V248 VASSSYNM	1840	>GNAS-V248 MASSSYNM	166	1674

>GNAS-V248 VASSSYNM	711	>GNAS-V248 MASSSYNM	131	580
>GNAS-V248 VASSSYNMV	363	>GNAS-V248 MASSSYNMV	93	270
>GNAS-V248 VASSSYNMV	480	>GNAS-V248 MASSSYNMV	622	142
>GNAS-V248 VASSSYNMV	45	>GNAS-V248 MASSSYNMV	52	7
>GNAS-V248 VVASSSYNM	2196	>GNAS-V248 VMASSSYNM	41	2155
>GNAS-V248 VVASSSYNM'	6044	>GNAS-V248 VMASSSYNM	287	5757
>GNAS-V248 VVASSSYNM'	1173	>GNAS-V248 VMASSSYNM	35	1138
>GNAS-V248 VVASSSYNM	193	>GNAS-V248 VMASSSYNM	10	183
>GNAS-V248 VVASSSYNM'	272	>GNAS-V248 VMASSSYNM	26	246
>GNAS-V248 VVASSSYNM'	297	>GNAS-V248 VMASSSYNM	13	284
>GNAS-V248 VVASSSYNM	2823	>GNAS-V248 VMASSSYNM	66	2757
>GNAS-V248 VVASSSYNM'	275	>GNAS-V248 VMASSSYNM	35	240
>GNAS-V248 VVASSSYNM'	260	>GNAS-V248 VMASSSYNM	9	251
>GNAS-V248 VVASSSYNM'	736	>GNAS-V248 VMASSSYNM	242	494
>GNAS-V248 VVASSSYNM	6203	>GNAS-V248 VMASSSYNM	44	6159
>GNAS-V248 VVASSSYNM'	96	>GNAS-V248 VMASSSYNM	3	93
>GNAS-V248 VVASSSYNM'	1601	>GNAS-V248 VMASSSYNM	12	1589
>GNAS-V248 VVASSSYNM	6638	>GNAS-V248 VMASSSYNM	32	6606
>GNAS-V248 VVASSSYNM'	831	>GNAS-V248 VMASSSYNM	7	824
>GNAS-V248 VVASSSYNM'	3567	>GNAS-V248 VMASSSYNM	20	3547
>GNAS-V248 VVASSSYNM	8516	>GNAS-V248 VMASSSYNM	77	8439
>GNAS-V248 VVASSSYNM'	89	>GNAS-V248 VMASSSYNM	7	82
>GNAS-V248 VVASSSYNM'	3795	>GNAS-V248 VMASSSYNM	36	3759
>GNAS-V248 VVASSSYNM	1097	>GNAS-V248 VMASSSYNM	10	1087
>GNAS-V248 VVASSSYNM'	119	>GNAS-V248 VMASSSYNM	4	115
>GNAS-V248 VVASSSYNM'	1475	>GNAS-V248 VMASSSYNM	13	1462
>GNAS-V248 VVASSSYNM	6847	>GNAS-V248 VMASSSYNM	62	6785
>GNAS-V248 VVASSSYNM'	13	>GNAS-V248 VMASSSYNM	2	11
>GNAS-V248 VVASSSYNM'	2090	>GNAS-V248 VMASSSYNM	12	2078
>GNAS-V248 VVASSSYNM	415	>GNAS-V248 VMASSSYNM	9543	9128
>GNAS-V248 VVASSSYNM'	358	>GNAS-V248 VMASSSYNM	1027	669
>GNAS-V248 VVASSSYNM'	92	>GNAS-V248 VMASSSYNM	2874	2782
>GNAS-V248 VVASSSYNM'	93	>GNAS-V248 VMASSSYNM	510	417
>GNAS-V248 VVASSSYNM	651	>GNAS-V248 VMASSSYNM	63	588
>GNAS-V248 VVASSSYNM'	2232	>GNAS-V248 VMASSSYNM	203	2029
>GNAS-V248 VVASSSYNM	5510	>GNAS-V248 VMASSSYNM	479	5031
>GNAS-V248 VVASSSYNM	702	>GNAS-V248 VMASSSYNM	8	694
>GNAS-V248 VVASSSYNM'	2117	>GNAS-V248 VMASSSYNM	26	2091
>GNAS-V248 VVASSSYNM'	962	>GNAS-V248 VMASSSYNM	19	943
>GNAS-V248 VVASSSYNM	154	>GNAS-V248 VMASSSYNM	362	208
>GNAS-V248 VVASSSYNM	264	>GNAS-V248 VMASSSYNM	591	327
>GNAS-V248 VVASSSYNM	299	>GNAS-V248 VMASSSYNM	3058	2759
>GNAS-V248 FNDVTAIFV	403	>GNAS-V248 FNDVTAIFV	101	302

>GNAS-V248 FVVASSSYNM	1680	>GNAS-V248 FVMASSSYNM	79	1601
>GNAS-V248 FVVASSSYNM	61	>GNAS-V248 FVMASSSYNM	10	51
>GNAS-V248 FVVASSSYNM	100	>GNAS-V248 FVMASSSYNM	17	83
>GNAS-V248 FVVASSSYNM	7	>GNAS-V248 FVMASSSYNM	3	4
>GNAS-V248 FVVASSSYNM	492	>GNAS-V248 FVMASSSYNM	92	400
>GNAS-V248 FVVASSSYNM	5	>GNAS-V248 FVMASSSYNM	3	2
>GNAS-V248 FVVASSSY	806	>GNAS-V248 FVMASSSY	246	560
>GNAS-V248 FVVASSSYNM	75	>GNAS-V248 FVMASSSYNM	38	37
>GNAS-V248 FVVASSSYNM	4	>GNAS-V248 FVMASSSYNM	3	1
>GNAS-V248 FVVASSSYNM	1474	>GNAS-V248 FVMASSSYNM	472	1002
>GNAS-V248 FVVASSSYNM	19	>GNAS-V248 FVMASSSYNM	8	11
>GNAS-V248 FVVASSSYNM	1155	>GNAS-V248 FVMASSSYNM	134	1021
>GNAS-V248 FVVASSSYNM	111	>GNAS-V248 FVMASSSYNM	15	96
>GNAS-V248 FVVASSSYNM	65	>GNAS-V248 FVMASSSYNM	32	33
>GNAS-V248 FVVASSSYNM	2411	>GNAS-V248 FVMASSSYNM	38	2373
>GNAS-V248 FVVASSSYNM	290	>GNAS-V248 FVMASSSYNM	8	282
>GNAS-V248 FVVASSSYNM	5	>GNAS-V248 FVMASSSYNM	3	2
>GNAS-V248 FVVASSSY	3883	>GNAS-V248 FVMASSSY	443	3440
>GNAS-V248 FVVASSSY	3678	>GNAS-V248 FVMASSSY	166	3512
>GNAS-V248 FVVASSSY	78	>GNAS-V248 FVMASSSY	70	8
>GNAS-V248 FVVASSSY	10	>GNAS-V248 FVMASSSY	11	1
>GNAS-V248 FVVASSSY	12	>GNAS-V248 FVMASSSY	35	23
>GNAS-V248 FVVASSSYNM	32	>GNAS-V248 FVMASSSYNM	123	91
>GNAS-V248 FVVASSSY	210	>GNAS-V248 FVMASSSY	404	194
>GNAS-V248 FVVASSSYNM	364	>GNAS-V248 FVMASSSYNM	614	250
>GNAS-V248 FVVASSSY	20	>GNAS-V248 FVMASSSY	21	1
>GNAS-V248 FVVASSSY	256	>GNAS-V248 FVMASSSY	116	140
>GNAS-V248 FVVASSSY	243	>GNAS-V248 FVMASSSY	117	126
>GNAS-V248 FVVASSSYNM	199	>GNAS-V248 FVMASSSYNM	140	59
>GNAS-V248 FVVASSSYNM	6	>GNAS-V248 FVMASSSYNM	5	1
>GNAS-V248 FVVASSSYNM	65	>GNAS-V248 FVMASSSYNM	17	48
>GNAS-V248 FVVASSSYNM	10	>GNAS-V248 FVMASSSYNM	5	5
>GNAS-V248 FVVASSSY	253	>GNAS-V248 FVMASSSY	134	119
>GNAS-V248 FVVASSSY	34	>GNAS-V248 FVMASSSY	30	4
>GNAS-V248 FVVASSSYNM	161	>GNAS-V248 FVMASSSYNM	77	84
>GNAS-V248 FVVASSSY	21	>GNAS-V248 FVMASSSY	12	9
>GNAS-V248 FVVASSSYNM	454	>GNAS-V248 FVMASSSYNM	131	323
>GNAS-V248 FVVASSSY	39	>GNAS-V248 FVMASSSY	16	23
>GNAS-V248 FVVASSSYNM	237	>GNAS-V248 FVMASSSYNM	80	157
>GNAS-V248 FVVASSSYNM	830	>GNAS-V248 FVMASSSYNM	304	526
>GNAS-V248 FVVASSSY	11	>GNAS-V248 FVMASSSY	13	2
>GNAS-V248 FVVASSSYNM	45	>GNAS-V248 FVMASSSYNM	50	5
>GNAS-V248 FVVASSSY	18	>GNAS-V248 FVMASSSY	15	3



>GNAS-V248 FVVASSSYNM	1286	>GNAS-V248 FVMASSSYN	241	1045
>GNAS-V248 FVVASSSY	485	>GNAS-V248 FVMASSSY	724	239
>GNAS-V248 FVVASSSYNM	332	>GNAS-V248 FVMASSSYN	139	193
>GNAS-V248 FVVASSSYNM	511	>GNAS-V248 FVMASSSYN	303	208
>GNAS-V248 FVVASSSY	39	>GNAS-V248 FVMASSSY	75	36
>GNAS-V248 IFVVASSSYN	406	>GNAS-V248 IFVMASSSYN	644	238
>GNAS-V248 IFVVASSSY	33	>GNAS-V248 IFVMASSSY	32	1
>GNAS-V248 IFVVASSSY	90	>GNAS-V248 IFVMASSSY	80	10
>GNAS-V248 IFVVASSSY	174	>GNAS-V248 IFVMASSSY	109	65
>GNAS-V248 IFVVASSSY	106	>GNAS-V248 IFVMASSSY	143	37
>GNAS-V248 IFVVASSSY	432	>GNAS-V248 IFVMASSSY	355	77
>GNAS-V248 IFVVASSSY	123	>GNAS-V248 IFVMASSSY	85	38
>GNAS-V248 IFVVASSSY	64	>GNAS-V248 IFVMASSSY	46	18
>GNAS-V248 IFVVASSSY	278	>GNAS-V248 IFVMASSSY	351	73
>GNAS-V248 IIFVVASSSY	136	>GNAS-V248 IIFVMASSSY	148	12
>GNAS-V248 IIFVVASSSY	94	>GNAS-V248 IIFVMASSSY	144	50
>GNAS-V248 IIFVVASSSY	33	>GNAS-V248 IIFVMASSSY	34	1
>GNAS-V248 IIFVVASSSY	398	>GNAS-V248 IIFVMASSSY	600	202
>GNAS-V248 IIFVVASSSY	406	>GNAS-V248 IIFVMASSSY	423	17
>GNAS-V248 IIFVVASSSY	63	>GNAS-V248 IIFVMASSSY	58	5
>GNAS-V248 IIFVVASSSY	63	>GNAS-V248 IIFVMASSSY	77	14
>GNAS-V248 IIFVVASSSY	30	>GNAS-V248 IIFVMASSSY	28	2
>GNAS-V248 IIFVVASSSY	35	>GNAS-V248 IIFVMASSSY	20	15
>GNAS-V248 IIFVVASSS	398	>GNAS-V248 IIFVMASSS	470	72
>GNAS-V248 IIFVVASSSY	415	>GNAS-V248 IIFVMASSSY	187	228
>GNAS-V248 IIFVVASSSY	140	>GNAS-V248 IIFVMASSSY	202	62
>GNAS-V248 AIIFVVASSSY	159	>GNAS-V248 AIIFVMASSSY	103	56
>GNAS-V248 AIIFVVASSSY	282	>GNAS-V248 AIIFVMASSSY	118	164
>GNAS-V248 AIIFVVASSSY	328	>GNAS-V248 AIIFVMASSSY	139	189
>GNAS-V248 AIIFVVASSSY	15	>GNAS-V248 AIIFVMASSSY	10	5
>GNAS-V248 AIIFVVASSSY	84	>GNAS-V248 AIIFVMASSSY	56	28
>GNAS-V248 AIIFVVASSSY	30	>GNAS-V248 AIIFVMASSSY	20	10
>GNAS-V248 AIIFVVASSSY	674	>GNAS-V248 AIIFVMASSSY	352	322
>GNAS-V248 AIIFVVASSSY	41	>GNAS-V248 AIIFVMASSSY	46	5
>GNAS-V248 AIIFVVASSSY	275	>GNAS-V248 AIIFVMASSSY	379	104
>GNAS-V248 AIIFVVASSSY	145	>GNAS-V248 AIIFVMASSSY	88	57
>GNAS-V248 AIIFVVASSSY	112	>GNAS-V248 AIIFVMASSSY	68	44
>GNAS-V248 AIIFVVASSSY	49	>GNAS-V248 AIIFVMASSSY	68	19
>GNAS-V248 TAIIFVVA	123	>GNAS-V248 TAIIFVMA	72	51
>GNAS-V248 VTAIIFVV	332	>GNAS-V248 VTAIIFVM	4952	4620
>GNAS-V248 VTAIIFVV	101	>GNAS-V248 VTAIIFVM	966	865
>GNAS-V248 VTAIIFVV	318	>GNAS-V248 VTAIIFVM	6216	5898
>GNAS-V248 VTAIIFVV	36	>GNAS-V248 VTAIIFVM	1474	1438

>GNAS-V248 VTAIFVV	43	>GNAS-V248 VTAIFVM	3183	3140
>GNAS-V248 VTAIFVV	53	>GNAS-V248 VTAIFVM	8670	8617
>GNAS-V248 VTAIFVV	416	>GNAS-V248 VTAIFVM	9290	8874
>GNAS-V248 VTAIFVV	57	>GNAS-V248 VTAIFVM	16331	16274
>GNAS-V248 VTAIFVV	14	>GNAS-V248 VTAIFVM	324	310
>GNAS-V248 VTAIFVVA	48	>GNAS-V248 VTAIFVMA	29	19
>GNAS-V248 VTAIFVVASS	332	>GNAS-V248 VTAIFVMAS	225	107
>GNAS-V248 VTAIFVV	145	>GNAS-V248 VTAIFVM	1886	1741
>GNAS-V248 VTAIFVV	1154	>GNAS-V248 VTAIFVM	21	1133
>GNAS-V248 VTAIFVV	4686	>GNAS-V248 VTAIFVM	170	4516
>GNAS-V248 VTAIFVV	21	>GNAS-V248 VTAIFVM	7	14
>GNAS-V248 VTAIFVVA	554	>GNAS-V248 VTAIFVMA	235	319
>GNAS-V248 VTAIFVV	1726	>GNAS-V248 VTAIFVM	93	1633
>GNAS-V248 DVTAIFVV	414	>GNAS-V248 DVTAIFVM	10138	9724
>GNAS-V248 DVTAIFVV	355	>GNAS-V248 DVTAIFVM	17405	17050
>GNAS-V248 DVTAIFVV	195	>GNAS-V248 DVTAIFVM	9771	9576
>GNAS-V248 DVTAIFVV	157	>GNAS-V248 DVTAIFVM	16266	16109
>GNAS-V248 DVTAIFVV	7998	>GNAS-V248 DVTAIFVM	456	7542
>GNAS-V248 DVTAIFVV	4632	>GNAS-V248 DVTAIFVM	51	4581
>GNAS-V248 DVTAIFVV	5	>GNAS-V248 DVTAIFVM	32	27
>GNAS-V248 DVTAIFVVA	98	>GNAS-V248 DVTAIFVMA	96	2
>GNAS-V248 DVTAIFVVAS	136	>GNAS-V248 DVTAIFVMA	108	28
>GNAS-V248 DVTAIFVV	21	>GNAS-V248 DVTAIFVM	333	312
>GNAS-V248 DVTAIFVVA	2436	>GNAS-V248 DVTAIFVMA	409	2027
>GNAS-V248 DVTAIFVV	12657	>GNAS-V248 DVTAIFVM	321	12336
>GNAS-V248 NDVTAIFVV	156	>GNAS-V248 NDVTAIFVM	1907	1751
>GNAS_NM_ETESETESEI	5892	>GNAS_NM_KTESETESEI	235	5657
>GNAS_NM_ETESETESEI	332	>GNAS_NM_KTESETESEI	9435	9103
>GNAS_NM_ETESETESEI	5154	>GNAS_NM_KTESETESEI	175	4979
>GNAS_NM_ETESETESEI	718	>GNAS_NM_KTESETESEI	448	270
>GNAS_NM_YETESETESEI	13	>GNAS_NM_YKTESETESEI	1250	1237
>GNAS_NM_YETESETESEI	1147	>GNAS_NM_YKTESETESEI	28	1119
>GNAS_NM_YETESETESEI	48	>GNAS_NM_YKTESETESEI	19435	19387
>GNAS_NM_YETESETESEI	183	>GNAS_NM_YKTESETESEI	27758	27575
>GNAS_NM_YETESETESEI	10	>GNAS_NM_YKTESETESEI	6139	6129
>GNAS_NM_EEFDYETES	206	>GNAS_NM_EEFDYKTES	236	30
>GNAS_NM_EEFDYETES	235	>GNAS_NM_EEFDYKTES	437	202
>GNAS_NM_EEFDYETES	89	>GNAS_NM_EEFDYKTES	128	39
>GNAS_NM_EEFDYET	54	>GNAS_NM_EEFDYKT	117	63
>GNAS_NM_EEFDYETES	436	>GNAS_NM_EEFDYKTES	484	48
>GNAS_NM_YEEFDYET	103	>GNAS_NM_YEEFDYKT	190	87
>GNAS_NM_YEEFDYETES	574	>GNAS_NM_YEEFDYKTES	334	240
>GNAS_NM_YEEFDYET	135	>GNAS_NM_YEEFDYKT	688	553

>GNAS_NM_ YEEFFDYET	286	>GNAS_NM_ YEEFFDYKT	699	413
>GNAS_NM_ YEEFFDYET	451	>GNAS_NM_ YEEFFDYKT	288	163
>GNAS_NM_ EYEEFFDYK	20981	>GNAS_NM_ EYEEFFDYK	201	20780
>GNAS_NM_ EYEEFFDYK	12356	>GNAS_NM_ EYEEFFDYK	108	12248
>GNAS_NM_ LEYEEFFDYET	267	>GNAS_NM_ LEYEEFFDYKT	396	129
>GNAS_NM_ LEYEEFFDYET	118	>GNAS_NM_ LEYEEFFDYKT	408	290
>GNAS_NM_ LEYEEFFDYET	420	>GNAS_NM_ LEYEEFFDYKT	302	118
>GNAS_NM_ EEADLELSL	501	>GNAS_NM_ DEADLELSL	443	58
>GNAS_NM_ EEADLELSL	948	>GNAS_NM_ DEADLELSL	19	929
>GNAS_NM_ EEADLELSLPE	4288	>GNAS_NM_ DEADLELSLPE	101	4187
>GNAS_NM_ EEADLELSL	89	>GNAS_NM_ DEADLELSL	594	505
>GNAS_NM_ EEADLELSL	122	>GNAS_NM_ DEADLELSL	1277	1155
>GNAS_NM_ EEADLELSL	296	>GNAS_NM_ DEADLELSL	1467	1171
>GNAS_NM_ HEEADLELSL	319	>GNAS_NM_ HDEADLELSL	2793	2474
>GNAS_NM_ HEEADLEL	9	>GNAS_NM_ HDEADLEL	7603	7594
>GNAS_NM_ HEEADLEL	225	>GNAS_NM_ HDEADLEL	3100	2875
>GNAS_NM_ HEEADLELSL	129	>GNAS_NM_ HDEADLELSL	16038	15909
>GNAS_NM_ EHEEADLEL	277	>GNAS_NM_ EHDEADLEL	137	140
>GNAS_NM_ EHEEADLELSI	78	>GNAS_NM_ EHDEADLELS	45	33
>GNAS_NM_ HEHEEADL	186	>GNAS_NM_ HEHDEADL	326	140
>GNAS_NM_ HEHEEADLEL	274	>GNAS_NM_ HEHDEADLEL	607	333
>GNAS_NM_ HEHEEADLEL	461	>GNAS_NM_ HEHDEADLEL	784	323
>GNAS_NM_ HEHEEADL	35	>GNAS_NM_ HEHDEADL	31	4
>GNAS_NM_ HEHEEADL	196	>GNAS_NM_ HEHDEADL	284	88
>GNAS_NM_ HEHEEADLEL	243	>GNAS_NM_ HEHDEADLEL	252	9
>GNAS_NM_ HEHEEADLEL	429	>GNAS_NM_ HEHDEADLEL	566	137
>GNAS_NM_ SESDHEHEEA	160	>GNAS_NM_ SESDHEHEEA	153	7
>GNAS_NM_ NARAQQRA	1018	>GNAS_NM_ KARAQQRA	6	1012
>GNAS_NM_ NARAQQRAA	408	>GNAS_NM_ KARAQQRAA	4	404
>GNAS_NM_ NARAQQRAA	174	>GNAS_NM_ KARAQQRAA	4	170
>GNAS_NM_ NARAQQRAA	3424	>GNAS_NM_ KARAQQRAA	13	3411
>GNAS_NM_ NARAQQRAA	1977	>GNAS_NM_ KARAQQRAA	361	1616
>GNAS_NM_ IALLRALATSN	20817	>GNAS_NM_ IALLRALATSK	263	20554
>GNAS_NM_ IALLRALATSN	25286	>GNAS_NM_ IALLRALATSK	146	25140
>GNAS_NM_ TSNARAQQR	3794	>GNAS_NM_ TSKARAQQR/	166	3628
>GNAS_NM_ TSNARAQQR	3367	>GNAS_NM_ TSKARAQQR/	118	3249
>GNAS_NM_ TSNARAQQR	53	>GNAS_NM_ TSKARAQQR	39	14
>GNAS_NM_ TSNARAQQR	55	>GNAS_NM_ TSKARAQQR	90	35
>GNAS_NM_ ATSNARAQQ	72	>GNAS_NM_ ATSKARAQQI	171	99
>GNAS_NM_ ATSNARAQQ	228	>GNAS_NM_ ATSKARAQQI	195	33
>GNAS_NM_ ATSNARAQQ	89	>GNAS_NM_ ATSKARAQQI	83	6
>GNAS_NM_ ATSNARAQQ	65	>GNAS_NM_ ATSKARAQQI	131	66
>GNAS_NM_ ATSNARAQQ	412	>GNAS_NM_ ATSKARAQQI	534	122

>GNAS_NM_LATSNARAQC	59	>GNAS_NM_LATSKARAQC	114	55
>GNAS_NM_ALATSNARA	234	>GNAS_NM_ALATSKARA	2144	1910
>GNAS_NM_ALATSNARA	27	>GNAS_NM_ALATSKARA	213	186
>GNAS_NM_ALATSNARA	19	>GNAS_NM_ALATSKARA	55	36
>GNAS_NM_ALATSNARA	330	>GNAS_NM_ALATSKARA	533	203
>GNAS_NM_ALATSNARA	8	>GNAS_NM_ALATSKARA	8	0
>GNAS_NM_ALATSNARAC	48	>GNAS_NM_ALATSKARAC	57	9
>GNAS_NM_ALATSNAR	291	>GNAS_NM_ALATSKAR	307	16
>GNAS_NM_ALATSNAR	332	>GNAS_NM_ALATSKAR	1059	727
>GNAS_NM_RALATSNA	46	>GNAS_NM_RALATSKA	104	58
>GNAS_NM_RALATSNA	60	>GNAS_NM_RALATSKAR	163	103
>GNAS_NM_RALATSNA	34	>GNAS_NM_RALATSKARA	77	43
>GNAS_NM_RALATSNA	17	>GNAS_NM_RALATSKAR	27	10
>GNAS_NM_RALATSNA	305	>GNAS_NM_RALATSKAR	404	99
>GNAS_NM_RALATSNA	123	>GNAS_NM_RALATSKAR	113	10
>GNAS_NM_LRALATSN	3192	>GNAS_NM_LRALATSK	93	3099
>GNAS_NM_LLRLATSNA	216	>GNAS_NM_LLRLATSKA	295	79
>GNAS_NM_LLRLATSNA	48	>GNAS_NM_LLRLATSKA	77	29
>GNAS_NM_LLRLATSNA	23	>GNAS_NM_LLRLATSKA	22	1
>GNAS_NM_LLRLATSN	15974	>GNAS_NM_LLRLATSK	43	15931
>GNAS_NM_LLRLATSN	8207	>GNAS_NM_LLRLATSK	19	8188
>GNAS_NM_LLRLATSNA	163	>GNAS_NM_LLRLATSKA	322	159
>GNAS_NM_LLRLATSNA	396	>GNAS_NM_LLRLATSKAF	748	352
>GNAS_NM_LLRLATSNA	64	>GNAS_NM_LLRLATSKAF	106	42
>GNAS_NM_LLRLATSNA	454	>GNAS_NM_LLRLATSKAF	1012	558
>GNAS_NM_ALLRALATSN	245	>GNAS_NM_ALLRALATSK/	440	195
>GNAS_NM_ALLRALATSN	167	>GNAS_NM_ALLRALATSK/	321	154
>GNAS_NM_ALLRALATSN	25	>GNAS_NM_ALLRALATSK/	43	18
>GNAS_NM_ALLRALATSN	146	>GNAS_NM_ALLRALATSK/	215	69
>GNAS_NM_ALLRALATSN	38	>GNAS_NM_ALLRALATSK/	37	1
>GNAS_NM_ALLRALATSN	53	>GNAS_NM_ALLRALATSK/	88	35
>GNAS_NM_ALLRALATSN	25	>GNAS_NM_ALLRALATSK/	30	5
>GNAS_NM_ALLRALATSN	51	>GNAS_NM_ALLRALATSK/	85	34
>GNAS_NM_ALLRALATSN	3202	>GNAS_NM_ALLRALATSK	462	2740
>GNAS_NM_ALLRALATSN	8	>GNAS_NM_ALLRALATSK/	7	1
>GNAS_NM_ALLRALATSN	15944	>GNAS_NM_ALLRALATSK	19	15925
>GNAS_NM_ALLRALATSN	32417	>GNAS_NM_ALLRALATSK	40	32377
>GNAS_NM_ALLRALATSN	10239	>GNAS_NM_ALLRALATSK	72	10167
>GNAS_NM_RRCKPKKPTR	132	>GNAS_NM_CRCKPKKPTR	894	762
>GNAS_NM_RRCKPKKPTR	64	>GNAS_NM_CRCKPKKPTR	1316	1252
>GNAS_NM_RRCKPKKPTR	156	>GNAS_NM_CRCKPKKPTR	4427	4271
>GNAS_NM_RRCKPKKPTR	252	>GNAS_NM_CRCKPKKPTR	3564	3312
>GNAS_NM_RRCKPKKPTR	207	>GNAS_NM_CRCKPKKPTR	936	729

>GNAS_NM_RRCKPKKPTR	175	>GNAS_NM_CRCKPKKPTR	787	612
>GNAS_NM_RRRCKPKK	11	>GNAS_NM_RCRCKPKK	4	7
>GNAS_NM_RRRCKPKKPT	3127	>GNAS_NM_RCRCKPKKPT	415	2712
>GNAS_NM_RRRCKPKKPT	365	>GNAS_NM_RCRCKPKKPT	39	326
>GNAS_NM_RRRCKPKKPT	2640	>GNAS_NM_RCRCKPKKPT	114	2526
>GNAS_NM_RRRCKPKK	72	>GNAS_NM_RCRCKPKK	18705	18633
>GNAS_NM_RRRCKPKKPT	204	>GNAS_NM_RCRCKPKKPT	20086	19882
>GNAS_NM_RRRCKPKK	22	>GNAS_NM_RCRCKPKK	2881	2859
>GNAS_NM_RRRCKPKKPT	50	>GNAS_NM_RCRCKPKKPT	16344	16294
>GNAS_NM_RRRCKPKKPT	140	>GNAS_NM_RCRCKPKKPT	19560	19420
>GNAS_NM_RRRCKPKK	479	>GNAS_NM_RCRCKPKK	15062	14583
>GNAS_NM_RRRCKPKKPT	311	>GNAS_NM_RCRCKPKKPT	30545	30234
>GNAS_NM_RRRCKPKKPT	507	>GNAS_NM_RCRCKPKKPT	169	338
>GNAS_NM_QRRRCKPK	183	>GNAS_NM_QRCRCKPK	10673	10490
>GNAS_NM_QRRRCKPKK	261	>GNAS_NM_QRCRCKPKK	11567	11306
>GNAS_NM_QRRRCKPKK	437	>GNAS_NM_QRCRCKPKK	547	110
>GNAS_NM_KQRRRCKPK	177	>GNAS_NM_KQRCRCKPK	316	139
>GNAS_NM_KQRRRCKPKk	938	>GNAS_NM_KQRCRCKPKk	410	528
>GNAS_NM_KQRRRCKP	221	>GNAS_NM_KQRCRCKP	692	471
>GNAS_NM_KQRRRCKPK	4	>GNAS_NM_KQRCRCKPK	5	1
>GNAS_NM_KQRRRCKPKk	4	>GNAS_NM_KQRCRCKPKk	5	1
>GNAS_NM_KQRRRCKPK	72	>GNAS_NM_KQRCRCKPK	123	51
>GNAS_NM_KQRRRCKPKk	677	>GNAS_NM_KQRCRCKPKk	442	235
>GNAS_NM_KQRRRCKPK	162	>GNAS_NM_KQRCRCKPK	122	40
>GNAS_NM_KEEKQRRR	513	>GNAS_NM_KEEKQRCR	455	58
>GNAS_NM KEPKEEKQRR	218	>GNAS_NM KEPKEEKQRC	34011	33793
>GNAS_NM KEPKEEKQRR	438	>GNAS_NM KEPKEEKQRC	687	249
>GOLGA5-E4 EMQREEIQKL	453	>GOLGA5-E4 QMQREEIQK	284	169
>GOLGA5-E4 EMQREEIQKL	1146	>GOLGA5-E4 QMQREEIQK	399	747
>GOLGA5-E4 EMQREEIQKL	63	>GOLGA5-E4 QMQREEIQK	32	31
>GOLGA5-E4 EMQREEIQK	1091	>GOLGA5-E4 QMQREEIQK	157	934
>GOLGA5-E4 EMQREEIQK	483	>GOLGA5-E4 QMQREEIQK	4634	4151
>GOLGA5-E4 KEMQREEIQk	11637	>GOLGA5-E4 KQMQREEIQ	432	11205
>GOLGA5-E4 KEMQREEI	4205	>GOLGA5-E4 KQMQREEI	34	4171
>GOLGA5-E4 KEMQREEIQk	3819	>GOLGA5-E4 KQMQREEIQ	65	3754
>GOLGA5-E4 KEMQREEIQk	11339	>GOLGA5-E4 KQMQREEIQ	364	10975
>GOLGA5-E4 KEMQREEIQk	11379	>GOLGA5-E4 KQMQREEIQ	102	11277
>GOLGA5-E4 KEMQREEI	1360	>GOLGA5-E4 KQMQREEI	117	1243
>GOLGA5-E4 KEMQREEI	3434	>GOLGA5-E4 KQMQREEI	90	3344
>GOLGA5-E4 KEMQREEIQk	2396	>GOLGA5-E4 KQMQREEIQ	50	2346
>GOLGA5-E4 KEMQREEI	306	>GOLGA5-E4 KQMQREEI	9952	9646
>GOLGA5-E4 KEMQREEIQk	84	>GOLGA5-E4 KQMQREEIQ	5506	5422
>GOLGA5-E4 KEMQREEI	94	>GOLGA5-E4 KQMQREEI	8192	8098

>GOLGA5-E4 KEMQREEIQ	118	>GOLGA5-E4 KQMQRREEIQ	8152	8034
>GOLGA5-E4 KEMQREEI	358	>GOLGA5-E4 KQMQRREEI	22670	22312
>GOLGA5-E4 KEMQREEIQ	6482	>GOLGA5-E4 KQMQRREEIQ	342	6140
>GOLGA5-E4 KEMQREEI	125	>GOLGA5-E4 KQMQRREEI	1326	1201
>GOLGA5-E4 KEMQREEIQ	6	>GOLGA5-E4 KQMQRREEIQ	809	803
>GOLGA5-E4 MELEELRHEK	1721	>GOLGA5-E4 MELEELRHEK	454	1267
>GOLGA5-E4 HEKEMQREE	9	>GOLGA5-E4 HEKQMQRREE	9	0
>GOLGA5-E4 HEKEMQREE	535	>GOLGA5-E4 HEKQMQRREE	473	62
>GOLGA5-E4 HEKEMQREE	263	>GOLGA5-E4 HEKQMQRREE	175	88
>GOLGA5-E4 HEKEMQREE	75	>GOLGA5-E4 HEKQMQRREE	142	67
>GOLGA5-E4 RHEKEMQR	378	>GOLGA5-E4 RHEKQMQR	314	64
>GOLGA5-E4 LRHEKEMQR	1536	>GOLGA5-E4 LRHEKQMQR	422	1114
>GOLGA5-E4 EELRHEKEM	91	>GOLGA5-E4 EELRHEKQM	81	10
>GOLGA5-E4 LEELRHEKEM	121	>GOLGA5-E4 LEELRHEKQM	111	10
>GOLGA5-G8 GS RTPVEA	146	>GOLGA5-G8 AS RTPVEA	22	124
>GOLGA5-G8 GS RTPVEASH	1588	>GOLGA5-G8 AS RTPVEASH	415	1173
>GOLGA5-G8 ILAGTANVKV	2990	>GOLGA5-G8 ILAGTANVKV	155	2835
>GOLGA5-G8 ILAGTANVKV	7024	>GOLGA5-G8 ILAGTANVKV	34	6990
>GOLGA5-G8 ILAGTANVKV	5684	>GOLGA5-G8 ILAGTANVKV	89	5595
>GOLGA5-G8 ILAGTANVKV	17784	>GOLGA5-G8 ILAGTANVKV	325	17459
>GOLGA5-G8 ILAGTANVKV	19369	>GOLGA5-G8 ILAGTANVKV	202	19167
>GOLGA5-G8 ILAGTANVKV	8671	>GOLGA5-G8 ILAGTANVKV	14	8657
>GOLGA5-G8 KVGSRTPV	737	>GOLGA5-G8 KVASRTPV	102	635
>GOLGA5-G8 KVGSRTPV	945	>GOLGA5-G8 KVASRTPV	71	874
>GOLGA5-G8 KVGSRTPV	140	>GOLGA5-G8 KVASRTPV	13	127
>GOLGA5-G8 KVGSRTPV	175	>GOLGA5-G8 KVASRTPV	25	150
>GOLGA5-G8 KVGSRTPV	481	>GOLGA5-G8 KVASRTPV	392	89
>GOLGA5-G8 KVGSRTPV	381	>GOLGA5-G8 KVASRTPV	166	215
>GOLGA5-G8 KVGSRTPV	69	>GOLGA5-G8 KVASRTPV	29	40
>GOLGA5-G8 KVGSRTPV	539	>GOLGA5-G8 KVASRTPV	238	301
>GOLGA5-G8 KVGSRTPVEA	334	>GOLGA5-G8 KVASRTPVEA	133	201
>GOLGA5-G8 KVGSRTPV	3421	>GOLGA5-G8 KVASRTPV	94	3327
>GOLGA5-G8 KVGSRTPV	1829	>GOLGA5-G8 KVASRTPV	461	1368
>GOLGA5-G8 KVGSRTPV	1920	>GOLGA5-G8 KVASRTPV	218	1702
>GOLGA5-G8 VKVGSRTPV	44	>GOLGA5-G8 VKVASRTPV	12	32
>GOLGA5-G8 VKVGSRTPVE	328	>GOLGA5-G8 VKVASRTPVE	90	238
>GOLGA5-G8 NVKVGSRTPV	480	>GOLGA5-G8 NVKVASRTPV	462	18
>GOLGA5-G8 NVKVGSRTPV	1047	>GOLGA5-G8 NVKVASRTPV	421	626
>GOLGA5-G8 NVKVGSRTPV	286	>GOLGA5-G8 NVKVASRTPV	184	102
>GOLGA5-G8 TANVKVGSR	132	>GOLGA5-G8 TANVKVASR	25	107
>GOLGA5-G8 TANVKVGSR	657	>GOLGA5-G8 TANVKVASR	161	496
>GOLGA5-G8 TANVKVGSR	133	>GOLGA5-G8 TANVKVASR	42	91
>GOLGA5-G8 GTANVKVGSR	1855	>GOLGA5-G8 GTANVKVASR	323	1532

>GOLGA5-G8GTANVKVGS	386	>GOLGA5-G8GTANVKVASI	37	349
>GOLGA5-G8GTANVKVGS	82	>GOLGA5-G8GTANVKVASI	72	10
>GOLGA5-G8GTANVKVGS	338	>GOLGA5-G8GTANVKVASI	378	40
>GOLGA5-L4LRSELQDM	617	>GOLGA5-L4FRSELQDM	390	227
>GOLGA5-L4LRSELQDM	844	>GOLGA5-L4FRSELQDM	330	514
>GOLGA5-L4QLRSELQDM	496	>GOLGA5-L4QFRSELQDM	16560	16064
>GOLGA5-L4QLRSELQDM	193	>GOLGA5-L4QFRSELQDM	29177	28984
>GOLGA5-L4QLRSELQDM	876	>GOLGA5-L4QFRSELQDM	403	473
>GOLGA5-L4QLRSELQDM	2069	>GOLGA5-L4QFRSELQDM	303	1766
>GOLGA5-L4IQKLMGQIHC	732	>GOLGA5-L4IQKLMGQIHC	70	662
>GOLGA5-L4IQKLMGQIHC	223	>GOLGA5-L4IQKLMGQIHC	11	212
>GOLGA5-L4HQLRSELQDM	1834	>GOLGA5-L4HQFRSELQDM	186	1648
>GOLGA5-L4HQLRSELQDM	17	>GOLGA5-L4HQFRSELQDM	5	12
>GOLGA5-L4QIHQLRSEL	1440	>GOLGA5-L4QIHQFRSEL	160	1280
>GOLGA5-L4QIHQLRSEL	892	>GOLGA5-L4QIHQFRSEL	478	414
>GOLGA5-L4QIHQLRSEL	923	>GOLGA5-L4QIHQFRSEL	497	426
>GOLGA5-L4GQIHQLRSEL	387	>GOLGA5-L4GQIHQFRSEL	269	118
>GOLGA5-L4GQIHQLRSEL	91	>GOLGA5-L4GQIHQFRSEL	36	55
>GOLGA5-L4GQIHQLRSEL	600	>GOLGA5-L4GQIHQFRSEL	475	125
>GOLGA5-L4MGQIHQLR	67	>GOLGA5-L4MGQIHQFR	22	45
>GOLGA5-L4MGQIHQLR	579	>GOLGA5-L4MGQIHQFR	204	375
>GOLGA5-L4MGQIHQLR	613	>GOLGA5-L4MGQIHQFR	329	284
>GOLGA5-L4LMGQIHQL	265	>GOLGA5-L4LMGQIHQF	14486	14221
>GOLGA5-L4LMGQIHQL	21	>GOLGA5-L4LMGQIHQF	1441	1420
>GOLGA5-L4LMGQIHQL	200	>GOLGA5-L4LMGQIHQF	10763	10563
>GOLGA5-L4LMGQIHQL	5	>GOLGA5-L4LMGQIHQF	280	275
>GOLGA5-L4LMGQIHQL	49	>GOLGA5-L4LMGQIHQF	7671	7622
>GOLGA5-L4LMGQIHQL	24	>GOLGA5-L4LMGQIHQF	7970	7946
>GOLGA5-L4LMGQIHQL	13	>GOLGA5-L4LMGQIHQF	5678	5665
>GOLGA5-L4LMGQIHQL	2	>GOLGA5-L4LMGQIHQF	305	303
>GOLGA5-L4LMGQIHQL	6969	>GOLGA5-L4LMGQIHQF	359	6610
>GOLGA5-L4LMGQIHQL	1912	>GOLGA5-L4LMGQIHQF	76	1836
>GOLGA5-L4LMGQIHQL	9581	>GOLGA5-L4LMGQIHQF	275	9306
>GOLGA5-L4LMGQIHQLR	31	>GOLGA5-L4LMGQIHQFR	14	17
>GOLGA5-L4LMGQIHQLR	258	>GOLGA5-L4LMGQIHQFR	74	184
>GOLGA5-L4LMGQIHQLR	285	>GOLGA5-L4LMGQIHQFR	107	178
>GOLGA5-L4LMGQIHQL	544	>GOLGA5-L4LMGQIHQF	47	497
>GOLGA5-L4LMGQIHQL	2411	>GOLGA5-L4LMGQIHQF	83	2328
>GOLGA5-L4LMGQIHQL	6125	>GOLGA5-L4LMGQIHQF	349	5776
>GOLGA5-L4LMGQIHQLR	72	>GOLGA5-L4LMGQIHQFR	40	32
>GOLGA5-L4KLMGQIHQL	9	>GOLGA5-L4KLMGQIHQF	362	353
>GOLGA5-L4KLMGQIHQL	552	>GOLGA5-L4KLMGQIHQF	142	410
>GOLGA5-L4KLMGQIHQL	2	>GOLGA5-L4KLMGQIHQF	27	25

>GOLGA5-L4:KLMGQIHQLI	261	>GOLGA5-L4:KLMGQIHQFI	63	198
>GOLGA5-L4:KLMGQIHQL	6	>GOLGA5-L4:KLMGQIHQF	479	473
>GOLGA5-L4:KLMGQIHQL	15	>GOLGA5-L4:KLMGQIHQF	181	166
>GOLGA5-L4:KLMGQIHQL	2	>GOLGA5-L4:KLMGQIHQF	29	27
>GOLGA5-L4:KLMGQIHQLI	335	>GOLGA5-L4:KLMGQIHQFI	103	232
>GOLGA5-L4:KLMGQIHQL	4	>GOLGA5-L4:KLMGQIHQF	804	800
>GOLGA5-L4:KLMGQIHQL	7	>GOLGA5-L4:KLMGQIHQF	2829	2822
>GOLGA5-L4:KLMGQIHQL	2	>GOLGA5-L4:KLMGQIHQF	397	395
>GOLGA5-L4:KLMGQIHQL	2	>GOLGA5-L4:KLMGQIHQF	28	26
>GOLGA5-L4:KLMGQIHQLI	157	>GOLGA5-L4:KLMGQIHQFI	57	100
>GOLGA5-L4:KLMGQIHQLI	49	>GOLGA5-L4:KLMGQIHQFI	29	20
>GOLGA5-L4:KLMGQIHQLI	280	>GOLGA5-L4:KLMGQIHQFI	118	162
>GOLGA5-L4:KLMGQIHQL	5651	>GOLGA5-L4:KLMGQIHQF	361	5290
>GOLGA5-L4:KLMGQIHQL	773	>GOLGA5-L4:KLMGQIHQF	45	728
>GOLGA5-L4:KLMGQIHQL	1746	>GOLGA5-L4:KLMGQIHQF	400	1346
>GOLGA5-L4:KLMGQIHQLI	5	>GOLGA5-L4:KLMGQIHQFI	3	2
>GOLGA5-L4:KLMGQIHQL	22	>GOLGA5-L4:KLMGQIHQF	9	13
>GOLGA5-L4:KLMGQIHQLI	376	>GOLGA5-L4:KLMGQIHQFI	85	291
>GOLGA5-L4:KLMGQIHQLI	475	>GOLGA5-L4:KLMGQIHQFI	300	175
>GOLGA5-L4:KLMGQIHQL	2311	>GOLGA5-L4:KLMGQIHQF	115	2196
>GOLGA5-L4:KLMGQIHQL	6867	>GOLGA5-L4:KLMGQIHQF	412	6455
>GOLGA5-L4:KLMGQIHQL	4110	>GOLGA5-L4:KLMGQIHQF	111	3999
>GOLGA5-L4:KLMGQIHQL	277	>GOLGA5-L4:KLMGQIHQF	30	247
>GOLGA5-L4:KLMGQIHQL	3857	>GOLGA5-L4:KLMGQIHQF	294	3563
>GOLGA5-L4:KLMGQIHQL	940	>GOLGA5-L4:KLMGQIHQF	36	904
>GOLGA5-L4:KLMGQIHQLI	48	>GOLGA5-L4:KLMGQIHQFI	40	8
>GOLGA5-L4:KLMGQIHQLI	21	>GOLGA5-L4:KLMGQIHQFI	16	5
>GOLGA5-L4:QKLMGQIHQ	181	>GOLGA5-L4:QKLMGQIHQ	8	173
>GOLGA5-L4:QKLMGQIHQ	616	>GOLGA5-L4:QKLMGQIHQ	304	312
>GPC3-D164 DDMVNELFD	3447	>GPC3-D164 HDMVNELFD	58	3389
>GPC3-D164 DDMVNELFD	5196	>GPC3-D164 HDMVNELFD	176	5020
>GPC3-D164 DDMVNELFD	1774	>GPC3-D164 HDMVNELFD	304	1470
>GPC3-D164 VDDMVNEL	14331	>GPC3-D164 VHDMVNEL	410	13921
>GPC3-D164 NVDDMVNEL	102	>GPC3-D164 NVHDMVNEL	103	1
>GPC3-D164 NVDDMVNEL	1712	>GPC3-D164 NVHDMVNEL	127	1585
>GPC3-D164 NVDDMVNEL	213	>GPC3-D164 NVHDMVNEL	964	751
>GPC3-D164 NVDDMVNEL	745	>GPC3-D164 NVHDMVNEL	407	338
>GPC3-D164 NVDDMVNEL	222	>GPC3-D164 NVHDMVNEL	16	206
>GPC3-D164 NVDDMVNEL	147	>GPC3-D164 NVHDMVNEL	1417	1270
>GPC3-D164 INVDDMVNE	688	>GPC3-D164 INVHDMVNE	197	491
>GPC3-D164 INVDDMVNE	427	>GPC3-D164 INVHDMVNE	442	15
>GPC3-D164 DINVDDMV	312	>GPC3-D164 DINVHDMV	320	8
>GPC3-D164 DINVDDMV	1305	>GPC3-D164 DINVHDMV	305	1000



>GPC3-D164 SDINVDDMV	134	>GPC3-D164 SDINVHDMV	328	194
>GPC3-D164 GSDINVDDM	1765	>GPC3-D164 GSDINVHDM	221	1544
>GPC3-D164 LGSDINVDDM	419	>GPC3-D164 LGSDINVHDM	282	137
>GPC3-D164 ILGSDINVDDI	641	>GPC3-D164 ILGSDINVHDI	445	196
>GPC3-D164 ILGSDINVDDI	621	>GPC3-D164 ILGSDINVHDI	210	411
>GPC3-D164 ILGSDINVDDI	1020	>GPC3-D164 ILGSDINVHDI	296	724
>GPC3-D164 ILGSDINVDDI	762	>GPC3-D164 ILGSDINVHDI	150	612
>GPC3-D164 ILGSDINVDDI	398	>GPC3-D164 ILGSDINVHDI	37	361
>GPC3-E317 ENVLLGLFSTI	3506	>GPC3-E317 KNVLLGLFSTI	433	3073
>GPC3-E317 MENVLLGL	180	>GPC3-E317 MKNVLLGL	23765	23585
>GPC3-E317 MENVLLGLF	42	>GPC3-E317 MKNVLLGLF	5328	5286
>GPC3-E317 MENVLLGL	4229	>GPC3-E317 MKNVLLGL	203	4026
>GPC3-E317 MENVLLGLF	1801	>GPC3-E317 MKNVLLGLF	57	1744
>GPC3-E317 MENVLLGL	177	>GPC3-E317 MKNVLLGL	19123	18946
>GPC3-E317 MENVLLGLF	41	>GPC3-E317 MKNVLLGLF	11504	11463
>GPC3-E317 MENVLLGL	24	>GPC3-E317 MKNVLLGL	16656	16632
>GPC3-E317 MENVLLGL	63	>GPC3-E317 MKNVLLGL	18879	18816
>GPC3-E317 MENVLLGLF	258	>GPC3-E317 MKNVLLGLF	24769	24511
>GPC3-E317 MENVLLGLFS	82	>GPC3-E317 MKNVLLGLFS	19444	19362
>GPC3-E317 MENVLLGLF	435	>GPC3-E317 MKNVLLGLF	14709	14274
>GPC3-E317 MENVLLGL	193	>GPC3-E317 MKNVLLGL	22519	22326
>GPC3-E317 MENVLLGLF	74	>GPC3-E317 MKNVLLGLF	11616	11542
>GPC3-E317 MENVLLGLFS	306	>GPC3-E317 MKNVLLGLFS	18215	17909
>GPC3-E317 MENVLLGLFS	28	>GPC3-E317 MKNVLLGLFS	14466	14438
>GPC3-E317 MENVLLGLF	30	>GPC3-E317 MKNVLLGLF	14136	14106
>GPC3-E317 MENVLLGLFS	105	>GPC3-E317 MKNVLLGLFS	21067	20962
>GPC3-E317 MENVLLGLF	1841	>GPC3-E317 MKNVLLGLF	432	1409
>GPC3-E317 YDMENVLL	111	>GPC3-E317 YDMKNVLL	92	19
>GPC3-E317 YDMENVLLG	351	>GPC3-E317 YDMKNVLLG	1212	861
>GPC3-E317 YDMENVLL	142	>GPC3-E317 YDMKNVLL	477	335
>GPC3-E317 YDMENVLLG	481	>GPC3-E317 YDMKNVLLG	1263	782
>GPC3-E317 YDMENVLL	359	>GPC3-E317 YDMKNVLL	480	121
>GPC3-E317 YDMENVLLG	844	>GPC3-E317 YDMKNVLLG	258	586
>GPC3-E317 YDMENVLL	244	>GPC3-E317 YDMKNVLL	118	126
>GPC3-E317 YDMENVLLG	79	>GPC3-E317 YDMKNVLLG	94	15
>GPC3-E317 YDMENVLL	446	>GPC3-E317 YDMKNVLL	961	515
>GPC3-E317 YDMENVLL	474	>GPC3-E317 YDMKNVLL	558	84
>GPC3-E317 YDMENVL	242	>GPC3-E317 YDMKNVL	514	272
>GPC3-E317 YDMENVLL	268	>GPC3-E317 YDMKNVLL	679	411
>GPC3-E317 YDMENVLLG	234	>GPC3-E317 YDMKNVLLG	424	190
>GPC3-E317 RIYDMENVL	226	>GPC3-E317 RIYDMKNVL	188	38
>GPC3-E317 RIYDMENV	58	>GPC3-E317 RIYDMKNV	331	273
>GPC3-E317 RIYDMENVLL	153	>GPC3-E317 RIYDMKNVLL	340	187

>GPC3-E317f RIYDMENV	36	>GPC3-E317f RIYDMKNV	233	197
>GPC3-E317f RIYDMENVL	335	>GPC3-E317f RIYDMKNVL	691	356
>GPC3-E317f RIYDMENVLL	61	>GPC3-E317f RIYDMKNVLL	124	63
>GPC3-E317f RIYDMENV	9	>GPC3-E317f RIYDMKNV	11	2
>GPC3-E317f RIYDMENVLL	200	>GPC3-E317f RIYDMKNVLL	285	85
>GPC3-E317f RIYDMENV	25	>GPC3-E317f RIYDMKNV	108	83
>GPC3-E317f RIYDMENVLL	244	>GPC3-E317f RIYDMKNVLL	519	275
>GPC3-E317f RIYDMENV	6	>GPC3-E317f RIYDMKNV	11	5
>GPC3-E317f RIYDMENVL	213	>GPC3-E317f RIYDMKNVL	245	32
>GPC3-E317f RIYDMENVLL	103	>GPC3-E317f RIYDMKNVLL	106	3
>GPC3-E317f RIYDMENV	89	>GPC3-E317f RIYDMKNV	358	269
>GPC3-E317f RIYDMENV	16	>GPC3-E317f RIYDMKNV	45	29
>GPC3-E317f RIYDMENVLL	314	>GPC3-E317f RIYDMKNVLL	549	235
>GPC3-E317f RIYDMENV	320	>GPC3-E317f RIYDMKNV	1547	1227
>GPC3-E317f RIYDMENV	5	>GPC3-E317f RIYDMKNV	6	1
>GPC3-E317f RIYDMENVL	47	>GPC3-E317f RIYDMKNVL	46	1
>GPC3-E317f RIYDMENVLL	31	>GPC3-E317f RIYDMKNVLL	32	1
>GPC3-E317f RIYDMENV	479	>GPC3-E317f RIYDMKNV	754	275
>GPC3-E317f RIYDMENVL	85	>GPC3-E317f RIYDMKNVL	138	53
>GPC3-E317f RIYDMENVLL	46	>GPC3-E317f RIYDMKNVLL	52	6
>GPC3-E317f RIYDMENV	462	>GPC3-E317f RIYDMKNV	965	503
>GPC3-E317f RIYDMENVLL	377	>GPC3-E317f RIYDMKNVLL	349	28
>GPC3-E317f RIYDMENVL	764	>GPC3-E317f RIYDMKNVL	430	334
>GPC3-E317f RIYDMENVLL	417	>GPC3-E317f RIYDMKNVLL	873	456
>GPC3-E317f YRIYDMENV	268	>GPC3-E317f YRIYDMKNV	157	111
>GPC3-E317f YRIYDMENVL	109	>GPC3-E317f YRIYDMKNVL	107	2
>GPC3-E317f YRIYDMENVL	110	>GPC3-E317f YRIYDMKNVL	120	10
>GPC3-E317f YRIYDMENV	490	>GPC3-E317f YRIYDMKNV	359	131
>GPC3-E317f YRIYDMENVL	56	>GPC3-E317f YRIYDMKNVL	67	11
>GPC3-E317f YRIYDMENVL	99	>GPC3-E317f YRIYDMKNVL	82	17
>GPC3-E317f YRIYDMENVL	30	>GPC3-E317f YRIYDMKNVL	33	3
>GPC3-E317f YRIYDMENVL	49	>GPC3-E317f YRIYDMKNVL	79	30
>GPC3-E317f YRIYDMENVL	377	>GPC3-E317f YRIYDMKNVL	308	69
>GPC3-E317f YRIYDMENVL	154	>GPC3-E317f YRIYDMKNVL	180	26
>GPC3-E317f YRIYDMENVL	333	>GPC3-E317f YRIYDMKNVL	216	117
>GPC3-E317f MYRIYDMEN	352	>GPC3-E317f MYRIYDMKN	334	18
>GPC3-E317f MYRIYDMEN	36	>GPC3-E317f MYRIYDMKN	51	15
>GPC3-E317f MYRIYDME	2541	>GPC3-E317f MYRIYDMK	5	2536
>GPC3-E317f MYRIYDMEN	380	>GPC3-E317f MYRIYDMKN	556	176
>GPC3-E317f MYRIYDMEN	114	>GPC3-E317f MYRIYDMKN	34	80
>GPC3-E317f MYRIYDMEN	46	>GPC3-E317f MYRIYDMKN	34	12
>GPC3-E317f MYRIYDME	11687	>GPC3-E317f MYRIYDMK	153	11534
>GPC3-E317f MYRIYDME	11386	>GPC3-E317f MYRIYDMK	379	11007

>GPC3-E317†MYRIYDMEN	457	>GPC3-E317†MYRIYDMKN	326	131
>GPC3-E317†GMYRIYDME	27	>GPC3-E317†GMYRIYDMK	99	72
>GPC3-E317†GMYRIYDME	6	>GPC3-E317†GMYRIYDMK	21	15
>GPC3-E317†GMYRIYDME	5	>GPC3-E317†GMYRIYDMK	5	0
>GPC3-E317†GMYRIYDME	39	>GPC3-E317†GMYRIYDMK	248	209
>GPC3-E317†GMYRIYDME	2	>GPC3-E317†GMYRIYDMK	4	2
>GPC3-E317†GMYRIYDME	4	>GPC3-E317†GMYRIYDMK	7	3
>GPC3-E317†GMYRIYDME	6	>GPC3-E317†GMYRIYDMK	9	3
>GPC3-E317†GMYRIYDME	31	>GPC3-E317†GMYRIYDMK	149	118
>GPC3-E317†GMYRIYDME	5	>GPC3-E317†GMYRIYDMK	6	1
>GPC3-E317†GMYRIYDME	16750	>GPC3-E317†GMYRIYDMK	46	16704
>GPC3-E317†GMYRIYDME	17879	>GPC3-E317†GMYRIYDMK	12	17867
>GPC3-E317†GMYRIYDME	11797	>GPC3-E317†GMYRIYDMK	283	11514
>GPC3-E317†GMYRIYDME	20801	>GPC3-E317†GMYRIYDMK	396	20405
>GPC3-E317†GMYRIYDME	648	>GPC3-E317†GMYRIYDMK	453	195
>GPHN-I377†IINYRDGMGF	47	>GPHN-I377†NINYRDGMG	111	64
>GPHN-I377†IINYRDGMGF	278	>GPHN-I377†NINYRDGMG	2055	1777
>GPHN-I377†IINYRDGMGF	269	>GPHN-I377†NINYRDGMG	1209	940
>GPHN-I377†IINYRDGMGF	390	>GPHN-I377†NINYRDGMG	880	490
>GPHN-I377†IINYRDGMGF	136	>GPHN-I377†NINYRDGMG	304	168
>GPHN-I377†IINYRDGMGF	189	>GPHN-I377†NINYRDGMG	166	23
>GPHN-I377†IINYRDGMGF	129	>GPHN-I377†NINYRDGMG	38	91
>GPHN-I377†IINYRDGMGF	666	>GPHN-I377†NINYRDGMG	67	599
>GPHN-I377†EIINYRDGM	20	>GPHN-I377†ENINYRDGM	2057	2037
>GPHN-I377†EIINYRDGM	6	>GPHN-I377†ENINYRDGM	404	398
>GPHN-I377†EIINYRDGM	74	>GPHN-I377†ENINYRDGM	363	289
>GPHN-I377†EIINYRDGMC	186	>GPHN-I377†ENINYRDGM	5123	4937
>GPHN-I377†EIINYRDGMC	7	>GPHN-I377†ENINYRDGM	35	28
>GPHN-I377†EIINYRDGM	199	>GPHN-I377†ENINYRDGM	3428	3229
>GPHN-I377†EIINYRDGM	217	>GPHN-I377†ENINYRDGM	7318	7101
>GPHN-I377†LEMTPLVLTGTE	58	>GPHN-I377†LEMTPLVLTGTE	18858	18800
>GPHN-I377†LEMTPLVLTGTE	301	>GPHN-I377†LEMTPLVLTGTE	9208	8907
>GPHN-I377†LEMTPLVLTGTE	189	>GPHN-I377†LEMTPLVLTGTE	12442	12253
>GPHN-I377†LEMTPLVLTGTE	168	>GPHN-I377†LEMTPLVLTGTE	3524	3356
>GPHN-I377†LEMTPLVLTGTE	317	>GPHN-I377†LEMTPLVLTGTE	1694	1377
>GPHN-I377†LEMTPLVLTGTE	4	>GPHN-I377†LEMTPLVLTGTE	766	762
>GPHN-I377†TEIINYRDGM	359	>GPHN-I377†TENINYRDGM	173	186
>GPHN-I377†TEIINYRDGM	63	>GPHN-I377†TENINYRDGM	226	163
>GPHN-I377†GTEIINYR	466	>GPHN-I377†GTENINYR	345	121
>GPHN-I377†GTEIINYR	25	>GPHN-I377†GTENINYR	27	2
>GPHN-I377†GTEIINYR	27	>GPHN-I377†GTENINYR	29	2
>GPHN-I377†GTEIINYRDGI	82	>GPHN-I377†GTENINYRDC	30	52
>GPHN-I377†GTEIINYR	585	>GPHN-I377†GTENINYR	448	137

>GPHN-I377I LGTEIINYR	133	>GPHN-I377I LGTENINYR	633	500
>GPHN-I377I LGTEIINYR	46	>GPHN-I377I LGTENINYR	187	141
>GPHN-I377I LGTEIINY	452	>GPHN-I377I LGTENINY	375	77
>GPHN-I377I LGTEIINYR	162	>GPHN-I377I LGTENINYR	272	110
>GPHN-I377I VLGTEIINY	447	>GPHN-I377I VLGTENINY	439	8
>GPHN-I377I VLGTEIINY	496	>GPHN-I377I VLGTENINY	297	199
>GPHN-I377I VLGTEIINYR	356	>GPHN-I377I VLGTENINYR	1018	662
>GPHN-I377I VLGTEIINY	42	>GPHN-I377I VLGTENINY	53	11
>GPHN-I377I VLGTEIINYR	49	>GPHN-I377I VLGTENINYR	57	8
>GPHN-I377I PVLGTEIINY	135	>GPHN-I377I PVLGTENINY	352	217
>GPHN-I377I PVLGTEIINY	471	>GPHN-I377I PVLGTENINY	253	218
>GPHN-I377I PVLGTEIINYR	100	>GPHN-I377I PVLGTENINY	160	60
>GPHN-I377I TPVLGTEII	5920	>GPHN-I377I TPVLGTENI	368	5552
>GPHN-I377I TPVLGTEIINY	286	>GPHN-I377I TPVLGTENIN'	768	482
>GPHN-I377I TPVLGTEIINY	20	>GPHN-I377I TPVLGTENIN'	20	0
>GPHN-I377I TPVLGTEI	324	>GPHN-I377I TPVLGTEN	19578	19254
>GPHN-I377I TPVLGTEII	158	>GPHN-I377I TPVLGTENI	222	64
>GPHN-I377I TPVLGTEIINY	43	>GPHN-I377I TPVLGTENIN'	40	3
>GPHN-I377I TPVLGTEIINY	210	>GPHN-I377I TPVLGTENIN'	353	143
>GPHN-I377I MTPVLGTEII	439	>GPHN-I377I MTPVLGTENI	390	49
>GPHN-I377I MTPVLGTEI	18	>GPHN-I377I MTPVLGTEN	9938	9920
>GPHN-I377I MTPVLGTEII	433	>GPHN-I377I MTPVLGTENI	159	274
>GPHN-I377I MTPVLGTEI	17	>GPHN-I377I MTPVLGTEN	2988	2971
>GPHN-I377I MTPVLGTEII	7	>GPHN-I377I MTPVLGTENI	14	7
>GPHN-I377I MTPVLGTEII	344	>GPHN-I377I MTPVLGTENI	561	217
>GPHN-I377I MTPVLGTEI	66	>GPHN-I377I MTPVLGTEN	35724	35658
>GPHN-I377I MTPVLGTEII	454	>GPHN-I377I MTPVLGTENI	1408	954
>GPHN-I377I EMTPVLGTEI	122	>GPHN-I377I EMTPVLGTEN	15883	15761
>GPHN-I377I EMTPVLGTEI	406	>GPHN-I377I EMTPVLGTEN	163	243
>GPHN-I377I EMTPVLGTEI	201	>GPHN-I377I EMTPVLGTEN	20550	20349
>GPHN-I377I EMTPVLGTEI	547	>GPHN-I377I EMTPVLGTEN	272	275
>GPHN-I377I EMTPVLGTEI	770	>GPHN-I377I EMTPVLGTEN	370	400
>GPHN-I377I EMTPVLGTEI	143	>GPHN-I377I EMTPVLGTEN	20545	20402
>GPHN-I377I EMTPVLGTEI	442	>GPHN-I377I EMTPVLGTEN	236	206
>GPHN-I377I EMTPVLGTEI	384	>GPHN-I377I EMTPVLGTEN	106	278
>GPHN-I377I EMTPVLGTEI	1550	>GPHN-I377I EMTPVLGTEN	363	1187
>GPHN-P685 PRPTIIKARL	1505	>GPHN-P685 LRPTIIKARL	449	1056
>GPHN-P685 DPRPTIIKA	35297	>GPHN-P685 DLRPTIIKA	274	35023
>GPHN-P685 DPRPTIIKARL	32514	>GPHN-P685 DLRPTIIKARL	70	32444
>GPHN-P685 DPRPTIIK	9524	>GPHN-P685 DLRPTIIK	183	9341
>GPHN-P685 DPRPTIIKAR	4841	>GPHN-P685 DLRPTIIKAR	433	4408
>GPHN-P685 DPRPTIIKARL	362	>GPHN-P685 DLRPTIIKARL	19266	18904
>GPHN-P685 ALRKMQGILL	16983	>GPHN-P685 ALRKMQGILL	378	16605

>GPHN-P685 ALRKMQGILC	15951	>GPHN-P685 ALRKMQGILC	21	15930
>GPHN-P685 ALRKMQGILC	3739	>GPHN-P685 ALRKMQGILC	448	3291
>GPHN-P685 LDRPRTII	2482	>GPHN-P685 LDRPRTII	62	2420
>GPHN-P685 LDRPRTII	1092	>GPHN-P685 LDRPRTII	106	986
>GPHN-P685 ILDRPRTI	118	>GPHN-P685 ILDRPRTI	335	217
>GPHN-P685 ILDRPRTII	293	>GPHN-P685 ILDRPRTII	1256	963
>GPHN-P685 ILDRPRTIIKA	212	>GPHN-P685 ILDRPRTIIKA	729	517
>GPHN-P685 ILDRPRTII	411	>GPHN-P685 ILDRPRTII	1343	932
>GPHN-P685 ILDRPRTI	468	>GPHN-P685 ILDRPRTI	1031	563
>GPHN-P685 ILDRPRTII	101	>GPHN-P685 ILDRPRTII	488	387
>GPHN-P685 ILDRPRTIIKA	338	>GPHN-P685 ILDRPRTIIKA	996	658
>GPHN-P685 ILDRPRTI	344	>GPHN-P685 ILDRPRTI	1542	1198
>GPHN-P685 ILDRPRTI	9	>GPHN-P685 ILDRPRTI	34	25
>GPHN-P685 ILDRPRTII	52	>GPHN-P685 ILDRPRTII	384	332
>GPHN-P685 ILDRPRTIIKA	24	>GPHN-P685 ILDRPRTIIKA	113	89
>GPHN-P685 ILDRPRTI	64	>GPHN-P685 ILDRPRTI	169	105
>GPHN-P685 ILDRPRTII	143	>GPHN-P685 ILDRPRTII	566	423
>GPHN-P685 ILDRPRTIIKA	268	>GPHN-P685 ILDRPRTIIKA	816	548
>GPHN-P685 ILDRPRTI	32	>GPHN-P685 ILDRPRTI	74	42
>GPHN-P685 ILDRPRTII	178	>GPHN-P685 ILDRPRTII	882	704
>GPHN-P685 ILDRPRTIIKA	56	>GPHN-P685 ILDRPRTIIKA	225	169
>GPHN-P685 ILDRPRTI	136	>GPHN-P685 ILDRPRTI	395	259
>GPHN-P685 ILDRPRTIIKA	469	>GPHN-P685 ILDRPRTIIKA	1267	798
>GPHN-P685 ILDRPRTI	12	>GPHN-P685 ILDRPRTI	46	34
>GPHN-P685 ILDRPRTII	34	>GPHN-P685 ILDRPRTII	330	296
>GPHN-P685 ILDRPRTIIKA	11	>GPHN-P685 ILDRPRTIIKA	66	55
>GPHN-P685 ILDRPRTIIK	45	>GPHN-P685 ILDRPRTIIK	70	25
>GPHN-P685 ILDRPRTIIK	188	>GPHN-P685 ILDRPRTIIK	170	18
>GPHN-P685 GILDRPRTI	1359	>GPHN-P685 GILDRPRTI	440	919
>GPHN-P685 GILDRPRTII	348	>GPHN-P685 GILDRPRTII	246	102
>GPHN-P685 GILDRPRTI	198	>GPHN-P685 GILDRPRTI	91	107
>GPHN-P685 GILDRPRTI	54	>GPHN-P685 GILDRPRTI	117	63
>GPHN-P685 GILDRPRTII	358	>GPHN-P685 GILDRPRTII	735	377
>GPHN-P685 GILDRPRTI	532	>GPHN-P685 GILDRPRTI	359	173
>GPHN-P685 GILDRPRTI	162	>GPHN-P685 GILDRPRTI	42	120
>GPHN-P685 GILDRPRTII	665	>GPHN-P685 GILDRPRTII	418	247
>GPHN-P685 GILDRPRTI	49	>GPHN-P685 GILDRPRTI	46	3
>GPHN-P685 GILDRPRTII	327	>GPHN-P685 GILDRPRTII	593	266
>GPHN-P685 GILDRPRTIIK	219	>GPHN-P685 GILDRPRTIIK	317	98
>GPHN-P685 GILDRPRTIIK	20	>GPHN-P685 GILDRPRTIIK	20	0
>GPHN-P685 GILDRPRTIIK	210	>GPHN-P685 GILDRPRTIIK	176	34
>GPHN-P685 GILDRPRTI	1199	>GPHN-P685 GILDRPRTI	445	754
>GPHN-P685 MQGILDPRPT	243	>GPHN-P685 MQGILDPRPT	250	7

>GPHN-P685 MQGILDPR	76	>GPHN-P685 MQGILDLR	120	44
>GPHN-P685 MQGILDPR	114	>GPHN-P685 MQGILDLR	168	54
>GPHN-P685 KMQGILDP	18636	>GPHN-P685 KMQGILDL	51	18585
>GPHN-P685 KMQGILDP	5757	>GPHN-P685 KMQGILDL	63	5694
>GPHN-P685 KMQGILDPRF	885	>GPHN-P685 KMQGILDRLF	471	414
>GPHN-P685 KMQGILDP	13822	>GPHN-P685 KMQGILDL	113	13709
>GPHN-P685 KMQGILDPRF	484	>GPHN-P685 KMQGILDRLF	289	195
>GPHN-P685 KMQGILDP	16209	>GPHN-P685 KMQGILDL	236	15973
>GPHN-P685 KMQGILDP	9924	>GPHN-P685 KMQGILDL	28	9896
>GPHN-P685 KMQGILDPRF	293	>GPHN-P685 KMQGILDRLF	339	46
>GPHN-P685 KMQGILDP	15376	>GPHN-P685 KMQGILDL	35	15341
>GPHN-P685 KMQGILDP	16682	>GPHN-P685 KMQGILDL	59	16623
>GPHN-P685 KMQGILDP	22283	>GPHN-P685 KMQGILDL	172	22111
>GPHN-P685 KMQGILDP	14046	>GPHN-P685 KMQGILDL	8	14038
>GPHN-P685 KMQGILDPR	327	>GPHN-P685 KMQGILDLR	299	28
>GPHN-P685 KMQGILDPR	11	>GPHN-P685 KMQGILDLR	12	1
>GPHN-P685 KMQGILDP	2906	>GPHN-P685 KMQGILDL	37	2869
>GPHN-P685 KMQGILDPR	393	>GPHN-P685 KMQGILDLR	2093	1700
>GPHN-P685 KMQGILDPR	27	>GPHN-P685 KMQGILDLR	44	17
>GPHN-P685 RKMQGILDPI	170	>GPHN-P685 RKMQGILDPI	188	18
>GPHN-P685 RKMQGILDP	769	>GPHN-P685 RKMQGILDL	17	752
>GPHN-P685 RKMQGILDPI	256	>GPHN-P685 RKMQGILDPI	1222	966
>GPHN-P685 RKMQGILDP	4989	>GPHN-P685 RKMQGILDL	327	4662
>GPHN-P685 RKMQGILDP	19784	>GPHN-P685 RKMQGILDL	445	19339
>GPHN-P685 RKMQGILDP	19066	>GPHN-P685 RKMQGILDL	276	18790
>GPHN-P685 RKMQGILDP	1585	>GPHN-P685 RKMQGILDL	69	1516
>GPHN-P685 RKMQGILDP	4064	>GPHN-P685 RKMQGILDL	30	4034
>GPHN-P685 RKMQGILDPI	92	>GPHN-P685 RKMQGILDPI	227	135
>GPHN-P685 LRKMQGILDF	6852	>GPHN-P685 LRKMQGILDL	422	6430
>GPHN-P685 LRKMQGILDF	10091	>GPHN-P685 LRKMQGILDL	81	10010
>GPHN-P685 LRKMQGILDF	10877	>GPHN-P685 LRKMQGILDL	349	10528
>GPHN-P685 LRKMQGILDF	6067	>GPHN-P685 LRKMQGILDL	87	5980
>HIP1-A949V TAGVVASTI	2007	>HIP1-A949V TVGVVASTI	377	1630
>HIP1-A949V TAGVVASTI	613	>HIP1-A949V TVGVVASTI	309	304
>HIP1-A949V TAGVVASTI	111	>HIP1-A949V TVGVVASTI	327	216
>HIP1-A949V QASRGVNQA	17325	>HIP1-A949V QASRGVNQA	442	16883
>HIP1-A949V QASRGVNQA	2112	>HIP1-A949V QASRGVNQA	123	1989
>HIP1-A949V ATAGVVASTI	330	>HIP1-A949V ATGVVASTI	666	336
>HIP1-A949V ATAGVVAST	474	>HIP1-A949V ATGVVAST	1328	854
>HIP1-A949V ATAGVVASTI	320	>HIP1-A949V ATGVVASTI	377	57
>HIP1-A949V ATAGVVASTI	125	>HIP1-A949V ATGVVASTI	157	32
>HIP1-A949V ATAGVVAST	1434	>HIP1-A949V ATGVVAST	245	1189
>HIP1-A949V ATAGVVASTI	892	>HIP1-A949V ATGVVASTI	196	696

>HIP1-A949V ATAGVVASTI	18	>HIP1-A949V ATVGVVASTI	18	0
>HIP1-A949V ATAGVVAST	238	>HIP1-A949V ATVGVVAST	899	661
>HIP1-A949V ATAGVVASTI	46	>HIP1-A949V ATVGVVASTI	57	11
>HIP1-A949V ATAGVVASTI	18	>HIP1-A949V ATVGVVASTI	11	7
>HIP1-A949V ATAGVVASTI	306	>HIP1-A949V ATVGVVASTI	593	287
>HIP1-A949V ATAGVVASTI	108	>HIP1-A949V ATVGVVASTI	232	124
>HIP1-A949V ATAGVVASTI	335	>HIP1-A949V ATVGVVASTI	1078	743
>HIP1-A949V ATAGVVASTI	76	>HIP1-A949V ATVGVVASTI	131	55
>HIP1-A949V QATAGVVAS`	395	>HIP1-A949V QATVGVVAS`	1308	913
>HIP1-A949V QATAGVVAS`	306	>HIP1-A949V QATVGVVAS`	1063	757
>HIP1-A949V QATAGVVAS`	325	>HIP1-A949V QATVGVVAS`	409	84
>HIP1-A949V QATAGVVAS`	165	>HIP1-A949V QATVGVVAS`	157	8
>HIP1-A949V NQATAGVV	345	>HIP1-A949V NQATVGVV	122	223
>HIP1-A949V NQATAGVV	169	>HIP1-A949V NQATVGVV	110	59
>HIP1-A949V NQATAGVV	203	>HIP1-A949V NQATVGVV	233	30
>HIP1-A949V GVNQATAGV	139	>HIP1-A949V GVNQATVGV	350	211
>HIP1-A949V GVNQATAGV	14	>HIP1-A949V GVNQATVGV	56	42
>HIP1-A949V GVNQATAGV	1036	>HIP1-A949V GVNQATVGV	365	671
>HIP1-A949V GVNQATAGV	88	>HIP1-A949V GVNQATVGV	85	3
>HIP1-A949V GVNQATAGV	82	>HIP1-A949V GVNQATVGV	102	20
>HIP1-A949V GVNQATAGV	568	>HIP1-A949V GVNQATVGV	238	330
>HIP1-A949V GVNQATAGV	119	>HIP1-A949V GVNQATVGV	176	57
>HIP1-A949V GVNQATAGV	57	>HIP1-A949V GVNQATVGV	35	22
>HIP1-A949V GVNQATAGV	542	>HIP1-A949V GVNQATVGV	232	310
>HIP1-A949V GVNQATAGV	98	>HIP1-A949V GVNQATVGV	234	136
>HIP1-A949V GVNQATAGV	10	>HIP1-A949V GVNQATVGV	14	4
>HIP1-A949V GVNQATAGV	182	>HIP1-A949V GVNQATVGV	131	51
>HIP1-A949V GVNQATAGV	259	>HIP1-A949V GVNQATVGV	358	99
>HIP1-A949V GVNQATAGV	242	>HIP1-A949V GVNQATVGV	401	159
>HIP1-A949V ASRGNVQAT.	8	>HIP1-A949V ASRGNVQAT`	11	3
>HIP1-A949V ASRGNVQAT.	257	>HIP1-A949V ASRGNVQAT`	407	150
>HIP1-A949V ASRGNVQAT.	1918	>HIP1-A949V ASRGNVQAT`	125	1793
>HIP1-N464T NEQRYSKL	2709	>HIP1-N464T TEQRYSKL	384	2325
>HIP1-N464T NEQRYSKLK	477	>HIP1-N464T TEQRYSKLK	707	230
>HIP1-N464T NEQRYSKL	1542	>HIP1-N464T TEQRYSKL	410	1132
>HIP1-N464T ANEQRYSKLK	16200	>HIP1-N464T ATEQRYSKLK	400	15800
>HIP1-N464T ANEQRYSK	7349	>HIP1-N464T ATEQRYSK	63	7286
>HIP1-N464T ANEQRYSKLK	12367	>HIP1-N464T ATEQRYSKLK	82	12285
>HIP1-N464T ANEQRYSK	6276	>HIP1-N464T ATEQRYSK	187	6089
>HIP1-N464T ANEQRYSKLK	6830	>HIP1-N464T ATEQRYSKLK	229	6601
>HIP1-N464T ANEQRYSKL	20241	>HIP1-N464T ATEQRYSKL	25	20216
>HIP1-N464T ANEQRYSKL	2420	>HIP1-N464T ATEQRYSKL	38	2382
>HIP1-N464T ANEQRYSK	3677	>HIP1-N464T ATEQRYSK	159	3518

>HIP1-N464T ANEQRYSKLK	4260	>HIP1-N464T ATEQRYSKLK	152	4108
>HIP1-N464T ANEQRYSKL	6174	>HIP1-N464T ATEQRYSKL	433	5741
>HIP1-N464T QANEQRYSK	90	>HIP1-N464T QATEQRYSK	329	239
>HIP1-N464T QANEQRYSKI	245	>HIP1-N464T QATEQRYSKL	810	565
>HIP1-N464T QANEQRYSK	174	>HIP1-N464T QATEQRYSK	792	618
>HIP1-N464T QANEQRYSKI	289	>HIP1-N464T QATEQRYSKL	1211	922
>HIP1-N464T QANEQRYSK	395	>HIP1-N464T QATEQRYSK	1987	1592
>HIP1-N464T QANEQRYSK	192	>HIP1-N464T QATEQRYSK	115	77
>HIP1-N464T QANEQRYSKI	415	>HIP1-N464T QATEQRYSKL	271	144
>HIP1-N464T AQANEQRYSKI	90	>HIP1-N464T AQATEQRYSKI	133	43
>HIP1-N464T AQANEQRY	124	>HIP1-N464T AQATEQRY	146	22
>HIP1-N464T AQANEQRY	96	>HIP1-N464T AQATEQRY	144	48
>HIP1-N464T AQANEQRY	23	>HIP1-N464T AQATEQRY	27	4
>HIP1-N464T AQANEQRYSKI	57	>HIP1-N464T AQATEQRYSKI	73	16
>HIP1-N464T KAQANEQRY	85	>HIP1-N464T KAQATEQRYSKI	68	17
>HIP1-N464T KAQANEQRY	28	>HIP1-N464T KAQATEQRYSKI	18	10
>HIP1-N464T KAQANEQRY	207	>HIP1-N464T KAQATEQRY	237	30
>HIP1-N464T KAQANEQR	52	>HIP1-N464T KAQATEQR	35	17
>HIP1-N464T KAQANEQRY	189	>HIP1-N464T KAQATEQRYSKI	147	42
>HIP1-N464T KAQANEQRY	16	>HIP1-N464T KAQATEQRY	12	4
>HIP1-N464T KAQANEQRY	187	>HIP1-N464T KAQATEQRY	141	46
>HIP1-N464T KAQANEQRY	135	>HIP1-N464T KAQATEQRY	47	88
>HIP1-N464T RKAQANEQR	328	>HIP1-N464T RKAQATEQR'	217	111
>HIP1-N464T RKAQANEQR	15	>HIP1-N464T RKAQATEQR'	12	3
>HIP1-N464T RKAQANEQR	264	>HIP1-N464T RKAQATEQR'	174	90
>HIP1-N464T RKAQANEQR	647	>HIP1-N464T RKAQATEQR	295	352
>HIP1-N464T IERKAQAN	575	>HIP1-N464T IERKAQAT	218	357
>HIP1-N464T SEIERKAQAN	1097	>HIP1-N464T SEIERKAQAT	338	759
>HIP1-R459K RKAQANEQR	328	>HIP1-R459K KKAQANEQR	966	638
>HIP1-R459K RKAQANEQR	15	>HIP1-R459K KKAQANEQR	22	7
>HIP1-R459K RKAQANEQR	264	>HIP1-R459K KKAQANEQR	1876	1612
>HIP1-R459K RKAQANEQR	647	>HIP1-R459K KKAQANEQR	368	279
>HIP1-R459K ERKAQANEQ	1224	>HIP1-R459K EKKAQANEQ	242	982
>HIP1-R459K KAQRSLSEIEF	1099	>HIP1-R459K KAQRSLSEIEK	41	1058
>HIP1-R459K KAQRSLSEIEF	1713	>HIP1-R459K KAQRSLSEIEK	18	1695
>HIP1-R459K KAQRSLSEIEF	22	>HIP1-R459K KAQRSLSEIEK	471	449
>HIP1-R459K SEIERKAQA	163	>HIP1-R459K SEIEKKAQA	186	23
>HIP1-R459K SLSEIERKA	88	>HIP1-R459K SLSEIEKKA	105	17
>HIP1-R459K SLSEIERKAQA	54	>HIP1-R459K SLSEIEKKAQA	55	1
>HIP1-R459K SLSEIERKA	225	>HIP1-R459K SLSEIEKKA	285	60
>HIP1-R459K SLSEIERKAQA	53	>HIP1-R459K SLSEIEKKAQA	57	4
>HIP1-R459K SLSEIERKA	111	>HIP1-R459K SLSEIEKKA	159	48
>HIP1-R459K SLSEIERKAQA	39	>HIP1-R459K SLSEIEKKAQA	40	1



>HIP1-R459K SLSEIERKA	90	>HIP1-R459K SLSEIEKKA	71	19
>HIP1-R459K SLSEIERKAQA	44	>HIP1-R459K SLSEIEKKAQA	40	4
>HIP1-R459K SLSEIERKAQA	772	>HIP1-R459K SLSEIEKKAQA	492	280
>HIP1-R459K SLSEIERKA	47	>HIP1-R459K SLSEIEKKA	26	21
>HIP1-R459K SLSEIERKAQA	8	>HIP1-R459K SLSEIEKKAQA	7	1
>HIP1-R459K SLSEIERK	315	>HIP1-R459K SLSEIEKK	360	45
>HIP1-R459K SLSEIERK	99	>HIP1-R459K SLSEIEKK	101	2
>HIP1-R459K SLSEIERK	472	>HIP1-R459K SLSEIEKK	481	9
>HIP1-R459K RSLSEIER	5463	>HIP1-R459K RSLSEIEK	285	5178
>HIP1-R459K RSLSEIER	371	>HIP1-R459K RSLSEIEK	19	352
>HIP1-R459K RSLSEIERK	47	>HIP1-R459K RSLSEIEKK	45	2
>HIP1-R459K RSLSEIER	1879	>HIP1-R459K RSLSEIEK	27	1852
>HIP1-R459K RSLSEIERK	427	>HIP1-R459K RSLSEIEKK	419	8
>HIP1-R459K RSLSEIER	20	>HIP1-R459K RSLSEIEK	319	299
>HIP1-R459K RSLSEIERK	480	>HIP1-R459K RSLSEIEKK	533	53
>HIP1-R459K RSLSEIER	575	>HIP1-R459K RSLSEIEK	358	217
>HIP1-R459K RSLSEIERK	230	>HIP1-R459K RSLSEIEKK	449	219
>HIP1-R459K RSLSEIER	231	>HIP1-R459K RSLSEIEK	5353	5122
>HIP1-R459K AQRSLSEIER	8096	>HIP1-R459K AQRSLSEIEK	487	7609
>HIP1-R459K AQRSLSEIER	2837	>HIP1-R459K AQRSLSEIEK	193	2644
>HIP1-R459K AQRSLSEIER	1003	>HIP1-R459K AQRSLSEIEK	16	987
>HIP1-R459K AQRSLSEIERK	133	>HIP1-R459K AQRSLSEIEKK	131	2
>HIP1-R459K AQRSLSEIER	186	>HIP1-R459K AQRSLSEIEK	2937	2751
>HIP1-R459K AQRSLSEIER	128	>HIP1-R459K AQRSLSEIEK	160	32
>HLF-R196G- RKRKFSEELK	61	>HLF-R196G- GKRKFSEELI	1999	1938
>HLF-R196G- RKRKFSEE	395	>HLF-R196G- GKRKFSEE	3537	3142
>HLF-R196G- RKRKFSEEE	460	>HLF-R196G- GKRKFSEEE	3803	3343
>HLF-R196G- RKRKFSEEEL	10	>HLF-R196G- GKRKFSEEEL	85	75
>HLF-R196G- RKRKFSEELK	232	>HLF-R196G- GKRKFSEELI	2264	2032
>HLF-R196G- RKRKFSEEEL	228	>HLF-R196G- GKRKFSEEEL	7349	7121
>HLF-R196G- SIPGQEMFDF	320	>HLF-R196G- SIPGQEMFDF	39081	38761
>HLF-R196G- SIPGQEMFDF	76	>HLF-R196G- SIPGQEMFDF	29769	29693
>HLF-R196G- MFDPRKRKF	233	>HLF-R196G- EMFDPGKRKF	100	133
>HLF-R196G- EMFDPRKRK	445	>HLF-R196G- EMFDPGKRK	746	301
>HLF-R196G- EMFDPRKR	464	>HLF-R196G- EMFDPGKR	1025	561
>HLF-R196G- EMFDPRKR	77	>HLF-R196G- EMFDPGKR	122	45
>HLF-R196G- EMFDPRKR	29	>HLF-R196G- EMFDPGKR	34	5
>HLF-R196G- EMFDPRKRK	89	>HLF-R196G- EMFDPGKRK	309	220
>HLF-R196G- EMFDPRKRKI	231	>HLF-R196G- EMFDPGKRKI	65	166
>HLF-R196G- EMFDPRKRKI	26	>HLF-R196G- EMFDPGKRKI	19	7
>HLF-R196G- EMFDPRKRKI	779	>HLF-R196G- EMFDPGKRKI	351	428
>HLF-R196G- EMFDPRKR	68	>HLF-R196G- EMFDPGKR	91	23
>HLF-R196G- QEMFDPRKR	293	>HLF-R196G- QEMFDPGKR	237	56

>HLF-R196G- QEMFDPRKR	323	>HLF-R196G- QEMFDPGKR	401	78
>HLF-R196G- GQEMFDPR	393	>HLF-R196G- GQEMFDPG	24234	23841
>HLF-R196G- IPGQEMFDPI	127	>HLF-R196G- IPGQEMFDPI	31903	31776
>HNF1A-F26: FANRRKEEAF	82	>HNF1A-F26: CANRRKEEAF	35	47
>HNF1A-F26: FANRRKEEAF	72	>HNF1A-F26: CANRRKEEAF	109	37
>HNF1A-F26: FANRRKEEAF	12	>HNF1A-F26: CANRRKEEAF	39	27
>HNF1A-F26: FANRRKEEAF	63	>HNF1A-F26: CANRRKEEAF	614	551
>HNF1A-F26: FANRRKEEAF	479	>HNF1A-F26: CANRRKEEAF	8778	8299
>HNF1A-F26: WFANRRKEE.	353	>HNF1A-F26: WCANRRKEE	11937	11584
>HNF1A-F26: WFANRRKEE.	21	>HNF1A-F26: WCANRRKEE	7218	7197
>HNF1A-F26: WFANRRKEE.	808	>HNF1A-F26: WCANRRKEE	239	569
>HNF1A-F26: LVTEVRVYNV	304	>HNF1A-F26: LVTEVRVYNV	19886	19582
>HNF1A-F26: LVTEVRVYNV	145	>HNF1A-F26: LVTEVRVYNV	15265	15120
>HNF1A-F26: NWFANRRK	63	>HNF1A-F26: NWCANRRK	316	253
>HNF1A-F26: NWFANRRKE	235	>HNF1A-F26: NWCANRRKE	702	467
>HNF1A-F26: YNWFANRR	189	>HNF1A-F26: YNWCANRR	554	365
>HNF1A-F26: YNWFANRR	153	>HNF1A-F26: YNWCANRR	99	54
>HNF1A-F26: VYNWFANR	13	>HNF1A-F26: VYNWCANR	24	11
>HNF1A-F26: VYNWFANRR	52	>HNF1A-F26: VYNWCANRF	85	33
>HNF1A-F26: VYNWFANR	48	>HNF1A-F26: VYNWCANR	78	30
>HNF1A-F26: VYNWFANRR	247	>HNF1A-F26: VYNWCANRF	442	195
>HNF1A-F26: VYNWFANRR	415	>HNF1A-F26: VYNWCANRF	1517	1102
>HNF1A-F26: VYNWFANR	21	>HNF1A-F26: VYNWCANR	26	5
>HNF1A-F26: VYNWFANRR	20	>HNF1A-F26: VYNWCANRF	18	2
>HNF1A-F26: RVYNWFANR	32	>HNF1A-F26: RVYNWCANF	41	9
>HNF1A-F26: RVYNWFANR	137	>HNF1A-F26: RVYNWCANF	146	9
>HNF1A-F26: RVYNWFANR	28	>HNF1A-F26: RVYNWCANF	30	2
>HNF1A-F26: RVYNWFANR	13	>HNF1A-F26: RVYNWCANF	32	19
>HNF1A-F26: RVYNWFANR	256	>HNF1A-F26: RVYNWCANF	610	354
>HNF1A-F26: RVYNWFANR	17	>HNF1A-F26: RVYNWCANF	23	6
>HNF1A-F26: RVYNWFANR	262	>HNF1A-F26: RVYNWCANF	1102	840
>HNF1A-F26: RVYNWFANR	8	>HNF1A-F26: RVYNWCANF	15	7
>HNF1A-F26: RVYNWFAN	468	>HNF1A-F26: RVYNWCAN	2194	1726
>HNF1A-F26: RVYNWFANR	5	>HNF1A-F26: RVYNWCANF	10	5
>HNF1A-F26: RVYNWFANR	4	>HNF1A-F26: RVYNWCANF	5	1
>HNF1A-F26: RVYNWFANR	38	>HNF1A-F26: RVYNWCANF	76	38
>HNF1A-F26: RVYNWFANR	50	>HNF1A-F26: RVYNWCANF	81	31
>HNF1A-F26: RVYNWFANR	39	>HNF1A-F26: RVYNWCANF	51	12
>HNF1A-F26: RVYNWFANR	57	>HNF1A-F26: RVYNWCANF	179	122
>HNF1A-F26: RVYNWFANR	390	>HNF1A-F26: RVYNWCANF	476	86
>HNF1A-F26: RVYNWFANR	658	>HNF1A-F26: RVYNWCANF	126	532
>HNF1A-F26: RVYNWFANR	289	>HNF1A-F26: RVYNWCANF	1599	1310
>HNF1A-F26: RVYNWFANR	34	>HNF1A-F26: RVYNWCANF	74	40

>HNF1A-F26:RVYNWFANR	34	>HNF1A-F26:RVYNWCANF	53	19
>HNF1A-F26:VRVYNWFAN	188	>HNF1A-F26:VRVYNWCAN	627	439
>HNF1A-F26:VRVYNWFAN	80	>HNF1A-F26:VRVYNWCAN	160	80
>HNF1A-F26:VRVYNWFAN	374	>HNF1A-F26:VRVYNWCAN	930	556
>HNF1A-F26:VRVYNWFAN	474	>HNF1A-F26:VRVYNWCAN	930	456
>HNF1A-F26:EVRVYNWF	22	>HNF1A-F26:EVRVYNWC	12918	12896
>HNF1A-F26:EVRVYNWF	175	>HNF1A-F26:EVRVYNWC	13107	12932
>HNF1A-F26:EVRVYNWFA	402	>HNF1A-F26:EVRVYNWCA	5153	4751
>HNF1A-F26:EVRVYNWFA	28	>HNF1A-F26:EVRVYNWCA	86	58
>HNF1A-F26:EVRVYNWFA	8	>HNF1A-F26:EVRVYNWCA	10	2
>HNF1A-F26:EVRVYNWFA	9	>HNF1A-F26:EVRVYNWCA	12	3
>HNF1A-F26:EVRVYNWFA	205	>HNF1A-F26:EVRVYNWCA	2297	2092
>HNF1A-F26:EVRVYNWFA	263	>HNF1A-F26:EVRVYNWCA	3031	2768
>HNF1A-F26:EVRVYNWFA	444	>HNF1A-F26:EVRVYNWCA	1076	632
>HNF1A-F26:TEVRVYNWF	65	>HNF1A-F26:TEVRVYNWC	2321	2256
>HNF1A-F26:TEVRVYNWF	435	>HNF1A-F26:TEVRVYNWC	2130	1695
>HNF1A-F26:TEVRVYNWF	112	>HNF1A-F26:TEVRVYNWC	11022	10910
>HNF1A-F26:TEVRVYNWF	226	>HNF1A-F26:TEVRVYNWC	1815	1589
>HNF1A-F26:TEVRVYNWF	475	>HNF1A-F26:TEVRVYNWC	7736	7261
>HNF1A-F26:TEVRVYNWF	55	>HNF1A-F26:TEVRVYNWC	2209	2154
>HNF1A-F26:TEVRVYNWF	1380	>HNF1A-F26:TEVRVYNWC	476	904
>HNF1A-F26:TEVRVYNWF	316	>HNF1A-F26:TEVRVYNWC	405	89
>HNF1A-F26:TEVRVYNWF	292	>HNF1A-F26:TEVRVYNWC	1617	1325
>HNF1A-F26:TEVRVYNWF	85	>HNF1A-F26:TEVRVYNWC	101	16
>HNF1A-F26:VTEVRVYNW	246	>HNF1A-F26:VTEVRVYNW	14738	14492
>HNF1A-F26:VTEVRVYNW	38	>HNF1A-F26:VTEVRVYNW	16995	16957
>HNF1A-F26:VTEVRVYNW	177	>HNF1A-F26:VTEVRVYNW	1747	1570
>HNF1A-F26:VTEVRVYNW	28	>HNF1A-F26:VTEVRVYNW	5696	5668
>HNF1A-G20 GPASQQILF	499	>HNF1A-G20 DPASQQILF	3805	3306
>HNF1A-G20 GPASQQIL	168	>HNF1A-G20 DPASQQIL	1985	1817
>HNF1A-G20 GPASQQILF	219	>HNF1A-G20 DPASQQILF	51	168
>HNF1A-G20 GPASQQILF	204	>HNF1A-G20 DPASQQILF	209	5
>HNF1A-G20 GPASQQILFQ	153	>HNF1A-G20 DPASQQILFQ	131	22
>HNF1A-G20 GPASQQILF	105	>HNF1A-G20 DPASQQILF	415	310
>HNF1A-G20 GPASQQILF	363	>HNF1A-G20 DPASQQILF	202	161
>HNF1A-G20 WGPASQQI	133	>HNF1A-G20 WDPASQQI	3264	3131
>HNF1A-G20 WGPASQQIL	111	>HNF1A-G20 WDPASQQIL	3646	3535
>HNF1A-G20 WGPASQQILI	53	>HNF1A-G20 WDPASQQILI	1946	1893
>HNF1A-G20 WGPASQQIL	235	>HNF1A-G20 WDPASQQIL	10311	10076
>HNF1A-G20 WGPASQQILI	183	>HNF1A-G20 WDPASQQILI	8047	7864
>HNF1A-G20 WGPASQQILI	108	>HNF1A-G20 WDPASQQILI	681	573
>HNF1A-G20 WGPASQQI	19364	>HNF1A-G20 WDPASQQI	303	19061
>HNF1A-G20 KWGPASQQI	463	>HNF1A-G20 KWDPASQQI	2182	1719

>HNF1A-G20 KWGPASQQI	87	>HNF1A-G20 KWDPASQQI	514	427
>HNF1A-G20 KWGPASQQI	131	>HNF1A-G20 KWDPASQQI	620	489
>HNF1A-G20 KWGPASQQI	59	>HNF1A-G20 KWDPASQQI	255	196
>HNF1A-G20 KWGPASQQI	25	>HNF1A-G20 KWDPASQQI	142	117
>HNF1A-G20 KWGPASQQI	103	>HNF1A-G20 KWDPASQQI	674	571
>HNF1A-G20 KWGPASQQI	9	>HNF1A-G20 KWDPASQQI	29	20
>HNF1A-G20 KWGPASQQI	327	>HNF1A-G20 KWDPASQQI	344	17
>HNF1A-G20 KWGPASQQI	399	>HNF1A-G20 KWDPASQQI	370	29
>HNF1A-G20 KWGPASQQI	288	>HNF1A-G20 KWDPASQQI	266	22
>HNF1A-G20 FKWGPASQC	301	>HNF1A-G20 FKWDPASQC	181	120
>HNF1A-G20 FKWGPASQ	346	>HNF1A-G20 FKWDPASQ	201	145
>HNF1A-G20 FKWGPASQC	628	>HNF1A-G20 FKWDPASQC	318	310
>HNF1A-G20 FKWGPASQC	26	>HNF1A-G20 FKWDPASQC	15	11
>HNF1A-G20 FKWGPASQC	8	>HNF1A-G20 FKWDPASQC	6	2
>HNF1A-G20 FKWGPASQC	50	>HNF1A-G20 FKWDPASQC	72	22
>HNF1A-G20 FKWGPASQC	127	>HNF1A-G20 FKWDPASQC	164	37
>HNF1A-G20 RFKWGPASQ	227	>HNF1A-G20 RFKWDPASQ	286	59
>HNF1A-G20 RFKWGPASQ	76	>HNF1A-G20 RFKWDPASQ	114	38
>HNF1A-G20 RFKWGPAS	265	>HNF1A-G20 RFKWDPAS	1245	980
>HNF1A-G20 RFKWGPASQ	167	>HNF1A-G20 RFKWDPASQ	1139	972
>HNF1A-G20 RFKWGPASQ	18	>HNF1A-G20 RFKWDPASQ	60	42
>HNF1A-G20 RFKWGPASQ	351	>HNF1A-G20 RFKWDPASQ	1148	797
>HNF1A-G20 RFKWGPASQ	412	>HNF1A-G20 RFKWDPASQ	762	350
>HNF1A-G20 NRFKWGPA	325	>HNF1A-G20 NRFKWDPA	743	418
>HNF1A-G20 NRFKWGPA	97	>HNF1A-G20 NRFKWDPA	109	12
>HNF1A-G20 NRFKWGPAS	157	>HNF1A-G20 NRFKWDPAS	181	24
>HNF1A-G20 NRFKWGPAS	413	>HNF1A-G20 NRFKWDPAS	561	148
>HNF1A-G20 NRFKWGPAS	394	>HNF1A-G20 NRFKWDPAS	423	29
>HNF1A-G20 RNRFKWGPA	7	>HNF1A-G20 RNRFKWDPA	21	14
>HNF1A-G20 RNRFKWGPA	77	>HNF1A-G20 RNRFKWDPA	270	193
>HNF1A-G20 RNRFKWGPA	69	>HNF1A-G20 RNRFKWDPA	254	185
>HNF1A-G20 RRNRFKWGP	196	>HNF1A-G20 RRNRFKWDP	909	713
>HNF1A-G20 RRNRFKWGP	47	>HNF1A-G20 RRNRFKWDP	139	92
>HNF1A-G20 RRNRFKWGP	214	>HNF1A-G20 RRNRFKWDP	400	186
>HNF1A-G20 RRNRFKWG	32	>HNF1A-G20 RRNRFKWD	86	54
>HNF1A-G20 RRNRFKWGP	353	>HNF1A-G20 RRNRFKWDP	318	35
>HNF1A-G20 RRNRFKWGP	176	>HNF1A-G20 RRNRFKWDP	608	432
>HNF1A-G20 RRNRFKWGP	222	>HNF1A-G20 RRNRFKWDP	289	67
>HNF1A-G20 RRNRFKWG	480	>HNF1A-G20 RRNRFKWD	1207	727
>HNF1A-G20 RRNRFKWGP	112	>HNF1A-G20 RRNRFKWDP	779	667
>HNF1A-G20 KGRRNRFKW	114	>HNF1A-G20 KGRRNRFKW	763	649
>HNF1A-G57 GIQHLQPAHF	223	>HNF1A-G57 DIQHLQPAHF	5125	4902
>HNF1A-G57 GIQHLQPAHF	156	>HNF1A-G57 DIQHLQPAHF	277	121

>HNF1A-G57 GIQHLQPAHF	6285	>HNF1A-G57 DIQHLQPAHF	251	6034
>HNF1A-G57 GIQHLQPAHF	3092	>HNF1A-G57 DIQHLQPAHF	282	2810
>HNF1A-G57 AGIQHLQPA	27929	>HNF1A-G57 ADIQHLQPA	185	27744
>HNF1A-G57 DPAGIQHLQF	550	>HNF1A-G57 DPADIQHLQF	432	118
>HNF1A-G57 DPAGIQHLQF	64	>HNF1A-G57 DPADIQHLQF	82	18
>HNF1A-G57 SQDPAGIQHI	433	>HNF1A-G57 SQDPADIQHI	827	394
>HNF1A-G57 SQDPAGIQHI	191	>HNF1A-G57 SQDPADIQHI	233	42
>HNF1A-G57 SQDPAGIQHI	383	>HNF1A-G57 SQDPADIQHI	918	535
>HNF1A-G57 VPSQDPAG	298	>HNF1A-G57 VPSQDPAD	1151	853
>HNF1A-G57 VPSQDPAGIC	157	>HNF1A-G57 VPSQDPADIC	81	76
>HNF1A-G57 VPSQDPAGI	483	>HNF1A-G57 VPSQDPADI	276	207
>HNF1A-G57 HVPSQDPAG	490	>HNF1A-G57 HVPSQDPAD	2181	1691
>HNF1A-G57 LHVPSQDPAC	78	>HNF1A-G57 LHVPSQDPAI	123	45
>HNF1A-K15. KTQKRAALY	248	>HNF1A-K15. NTQKRAALY	87	161
>HNF1A-K15. KTQKRAALY	226	>HNF1A-K15. NTQKRAALY	8279	8053
>HNF1A-K15. KTQKRAALY	170	>HNF1A-K15. NTQKRAALY	2868	2698
>HNF1A-K15. KTQKRAALY	6116	>HNF1A-K15. NTQKRAALY	123	5993
>HNF1A-K15. KTQKRAALY	298	>HNF1A-K15. NTQKRAALY	271	27
>HNF1A-K15. KTQKRAAL	161	>HNF1A-K15. NTQKRAAL	11727	11566
>HNF1A-K15. KTQKRAALY	236	>HNF1A-K15. NTQKRAALY	11769	11533
>HNF1A-K15. KTQKRAALYT	415	>HNF1A-K15. NTQKRAALYT	12263	11848
>HNF1A-K15. KTQKRAALY	39	>HNF1A-K15. NTQKRAALY	396	357
>HNF1A-K15. KTQKRAAL	68	>HNF1A-K15. NTQKRAAL	8605	8537
>HNF1A-K15. KTQKRAALYT	15	>HNF1A-K15. NTQKRAALYT	795	780
>HNF1A-K15. KTQKRAALY	5793	>HNF1A-K15. NTQKRAALY	376	5417
>HNF1A-K15. KTQKRAALY	14	>HNF1A-K15. NTQKRAALY	71	57
>HNF1A-K15. KTQKRAAL	1214	>HNF1A-K15. NTQKRAAL	307	907
>HNF1A-K15. KTQKRAAL	13	>HNF1A-K15. NTQKRAAL	1328	1315
>HNF1A-K15. KTQKRAALY	4	>HNF1A-K15. NTQKRAALY	57	53
>HNF1A-K15. KTQKRAALYT	8	>HNF1A-K15. NTQKRAALYT	36	28
>HNF1A-K15. KTQKRAALY	216	>HNF1A-K15. NTQKRAALY	9682	9466
>HNF1A-K15. KTQKRAALYT	33	>HNF1A-K15. NTQKRAALYT	79	46
>HNF1A-K15. KTQKRAALY	171	>HNF1A-K15. NTQKRAALY	15664	15493
>HNF1A-K15. KTQKRAALYT	11	>HNF1A-K15. NTQKRAALYT	240	229
>HNF1A-K15. KTQKRAALY	7	>HNF1A-K15. NTQKRAALY	32	25
>HNF1A-K15. KTQKRAALYT	159	>HNF1A-K15. NTQKRAALYT	1332	1173
>HNF1A-K15. KTQKRAALY	240	>HNF1A-K15. NTQKRAALY	454	214
>HNF1A-K15. KTQKRAAL	403	>HNF1A-K15. NTQKRAAL	3007	2604
>HNF1A-K15. MKTQKRAAL	82	>HNF1A-K15. MNTQKRAAL	43	39
>HNF1A-K15. MKTQKRAAL	162	>HNF1A-K15. MNTQKRAAL	4918	4756
>HNF1A-K15. MKTQKRAAL	65	>HNF1A-K15. MNTQKRAAL	4050	3985
>HNF1A-K15. MKTQKRAAL	163	>HNF1A-K15. MNTQKRAAL	2093	1930
>HNF1A-K15. SQHLNKGTPF	161	>HNF1A-K15. SQHLNKGTPF	25298	25137

>HNF1A-K15.SQHLNKGTPI	58	>HNF1A-K15.SQHLNKGTPI	10089	10031
>HNF1A-K15.PMKTQKRAA	190	>HNF1A-K15.PMNTQKRAA	73	117
>HNF1A-K15.PMKTQKRAA	247	>HNF1A-K15.PMNTQKRAA	123	124
>HNF1A-K15.TPMKTQKRA	217	>HNF1A-K15.TPMNTQKRA	224	7
>HNF1A-K15.TPMKTQKRA	133	>HNF1A-K15.TPMNTQKRA	103	30
>HNF1A-K15.TPMKTQKRA	16	>HNF1A-K15.TPMNTQKRA	23	7
>HNF1A-K15.TPMKTQKRA	74	>HNF1A-K15.TPMNTQKRA	139	65
>HNF1A-K15.TPMKTQKRA	439	>HNF1A-K15.TPMNTQKRA	325	114
>HNF1A-K15.TPMKTQKRA	23	>HNF1A-K15.TPMNTQKRA	21	2
>HNF1A-K15.TPMKTQKRA	510	>HNF1A-K15.TPMNTQKRA	275	235
>HNF1A-K15.TPMKTQKRA	35	>HNF1A-K15.TPMNTQKRA	14	21
>HNF1A-K15.TPMKTQKRA	298	>HNF1A-K15.TPMNTQKRA	483	185
>HNF1A-K15.GTPMKTQK	213	>HNF1A-K15.GTPMNTQK	127	86
>HNF1A-K15.GTPMKTQKR	1561	>HNF1A-K15.GTPMNTQKR	498	1063
>HNF1A-K15.KGTPMKTQK	111	>HNF1A-K15.KGTPMNTQK	82	29
>HNF1A-K15.LNKGTPMK	85	>HNF1A-K15.LNKGTPMN	12742	12657
>HNF1A-K15.LNKGTPMKT	516	>HNF1A-K15.LNKGTPMNT	284	232
>HNF1A-K15.HLNKGTPMK	736	>HNF1A-K15.HLNKGTPMN	384	352
>HNF1A-K15.HLNKGTPMK	282	>HNF1A-K15.HLNKGTPMN	289	7
>HNF1A-K15.HLNKGTPMK	33	>HNF1A-K15.HLNKGTPMN	13071	13038
>HNF1A-K15.HLNKGTPMK	288	>HNF1A-K15.HLNKGTPMN	26682	26394
>HNF1A-K15.HLNKGTPMK	26	>HNF1A-K15.HLNKGTPMN	9682	9656
>HNF1A-K15.HLNKGTPMK	340	>HNF1A-K15.HLNKGTPMN	21237	20897
>HNF1A-K27.KEEAFRHKL	664	>HNF1A-K27.EEEAFRHKL	232	432
>HNF1A-K27.KEEAFRHKL	860	>HNF1A-K27.EEEAFRHKL	334	526
>HNF1A-K27.KEEAFRHKLA	571	>HNF1A-K27.EEEAFRHKLA	236	335
>HNF1A-K27.KEEAFRHKL	11	>HNF1A-K27.EEEAFRHKL	43	32
>HNF1A-K27.KEEAFRHKLA	33	>HNF1A-K27.EEEAFRHKLA	177	144
>HNF1A-K27.KEEAFRHKL	90	>HNF1A-K27.EEEAFRHKL	579	489
>HNF1A-K27.KEEAFRHKLA	109	>HNF1A-K27.EEEAFRHKLA	622	513
>HNF1A-K27.KEEAFRHKL	503	>HNF1A-K27.EEEAFRHKL	155	348
>HNF1A-K27.KEEAFRHKLA	41	>HNF1A-K27.EEEAFRHKLA	21	20
>HNF1A-K27.KEEAFRHKLA	556	>HNF1A-K27.EEEAFRHKLA	154	402
>HNF1A-K27.KEEAFRHKL	35	>HNF1A-K27.EEEAFRHKL	989	954
>HNF1A-K27.KEEAFRHKLA	207	>HNF1A-K27.EEEAFRHKLA	4832	4625
>HNF1A-K27.RKEEAFRHKL	14915	>HNF1A-K27.REEEAFRHKL	410	14505
>HNF1A-K27.RKEEAFRHKL	19529	>HNF1A-K27.REEEAFRHKL	70	19459
>HNF1A-K27.RKEEAFRHKL	20862	>HNF1A-K27.REEEAFRHKL	60	20802
>HNF1A-K27.RKEEAFRHKL	10871	>HNF1A-K27.REEEAFRHKL	34	10837
>HNF1A-K27.RVYNWFANR	28	>HNF1A-K27.RVYNWFANR	6660	6632
>HNF1A-K27.RVYNWFANR	17	>HNF1A-K27.RVYNWFANR	9811	9794
>HNF1A-K27.RVYNWFANR	8	>HNF1A-K27.RVYNWFANR	5146	5138
>HNF1A-K27.RVYNWFANR	38	>HNF1A-K27.RVYNWFANR	2037	1999

>HNF1A-K27.RVYNWFANR	390	>HNF1A-K27.RVYNWFANR	20270	19880
>HNF1A-K27.RRKEEAFRHK	63	>HNF1A-K27.RREEEAFRHK	6714	6651
>HNF1A-K27.RRKEEAFRHK	479	>HNF1A-K27.RREEEAFRHK	2860	2381
>HNF1A-K27.RRKEEAFR	217	>HNF1A-K27.RREEEAFR	1544	1327
>HNF1A-K27.RRKEEAFRH	157	>HNF1A-K27.RREEEAFRH	1319	1162
>HNF1A-K27.RRKEEAFRHK	34	>HNF1A-K27.RREEEAFRHK	76	42
>HNF1A-K27.RRKEEAFRHK	24	>HNF1A-K27.RREEEAFRHK	137	113
>HNF1A-K27.RRKEEAFRHK	5478	>HNF1A-K27.RREEEAFRHK	357	5121
>HNF1A-K27.RRKEEAFR	910	>HNF1A-K27.RREEEAFR	335	575
>HNF1A-K27.RRKEEAFRHK	90	>HNF1A-K27.RREEEAFRHK	196	106
>HNF1A-K27.RRKEEAFRHK	56	>HNF1A-K27.RREEEAFRHK	62	6
>HNF1A-K27.RRKEEAFRHK	55	>HNF1A-K27.RREEEAFRHK	86	31
>HNF1A-K27.RRKEEAFRHK	53	>HNF1A-K27.RREEEAFRHK	31	22
>HNF1A-K27.RRKEEAFR	138	>HNF1A-K27.RREEEAFR	192	54
>HNF1A-K27.NRRKEEAF	81	>HNF1A-K27.NRREEEAF	87	6
>HNF1A-K27.ANRRKEEAF	143	>HNF1A-K27.ANRREEEAF	64	79
>HNF1A-K27.FANRRKEEAF	82	>HNF1A-K27.FANRREEEAF	199	117
>HNF1A-K27.FANRRKEEAF	72	>HNF1A-K27.FANRREEEAF	72	0
>HNF1A-K27.FANRRKEEAF	12	>HNF1A-K27.FANRREEEAF	10	2
>HNF1A-K27.FANRRKEEAF	63	>HNF1A-K27.FANRREEEAF	39	24
>HNF1A-K27.FANRRKEEAF	479	>HNF1A-K27.FANRREEEAF	425	54
>HNF1A-K27.FANRRKEEAF	706	>HNF1A-K27.FANRREEEAF	280	426
>HNF1A-K27.WFANRRKEE.	353	>HNF1A-K27.WFANRREEE.	216	137
>HNF1A-K27.WFANRRKEE.	21	>HNF1A-K27.WFANRREEE.	14	7
>HNF1A-K27.WFANRRKEE.	886	>HNF1A-K27.WFANRREEE.	486	400
>HNF1A-K27.NWFANRRK	63	>HNF1A-K27.NWFANRRE	7002	6939
>HNF1A-K27.NWFANRRKE	235	>HNF1A-K27.NWFANRREE	274	39
>HNF1A-L26(LIQALGEPGP'	155	>HNF1A-L26(QIQALGEPGF	247	92
>HNF1A-L26(LIQALGEPGP'	287	>HNF1A-L26(QIQALGEPGF	578	291
>HNF1A-L26(LIQALGEPGP'	561	>HNF1A-L26(QIQALGEPGF	308	253
>HNF1A-L26(LIQALGEPGP'	65	>HNF1A-L26(QIQALGEPGF	146	81
>HNF1A-L26(LIQALGEPGP'	162	>HNF1A-L26(QIQALGEPGF	107	55
>HNF1A-L26(ALIQALGEPG	563	>HNF1A-L26(AQIQALGEPG	154	409
>HNF1A-L26(LLESGLSKEAL	65	>HNF1A-L26(LLESGLSKEAC	5387	5322
>HNF1A-L26(LLESGLSKEAL	190	>HNF1A-L26(LLESGLSKEAC	10107	9917
>HNF1A-L26(LLESGLSKEAL	340	>HNF1A-L26(LLESGLSKEAC	15925	15585
>HNF1A-L26(LLESGLSKEAL	11	>HNF1A-L26(LLESGLSKEAC	377	366
>HNF1A-L26(KEALIQAL	59	>HNF1A-L26(KEAQIQAL	218	159
>HNF1A-L26(KEALIQAL	15	>HNF1A-L26(KEAQIQAL	16	1
>HNF1A-L26(KEALIQAL	42	>HNF1A-L26(KEAQIQAL	48	6
>HNF1A-L26(KEALIQAL	503	>HNF1A-L26(KEAQIQAL	479	24
>HNF1A-L26(KEALIQAL	492	>HNF1A-L26(KEAQIQAL	307	185
>HNF1A-L26(KEALIQAL	230	>HNF1A-L26(KEAQIQAL	487	257

>HNF1A-L26(SKEALIQAL	568	>HNF1A-L26(SKEAQIQAL	467	101
>HNF1A-L26(SKEALIQAL	58	>HNF1A-L26(SKEAQIQAL	92	34
>HNF1A-L26(LSKEALIQA	46	>HNF1A-L26(LSKEAQIQA	41	5
>HNF1A-L26(LSKEALIQAL	250	>HNF1A-L26(LSKEAQIQAL	168	82
>HNF1A-L26(LSKEALIQAL	438	>HNF1A-L26(LSKEAQIQAL	573	135
>HNF1A-L26(LSKEALIQAL	353	>HNF1A-L26(LSKEAQIQAL	300	53
>HNF1A-L26(LSKEALIQAL	42	>HNF1A-L26(LSKEAQIQAL	51	9
>HNF1A-L26(GLSKEALI	46	>HNF1A-L26(GLSKEAQI	84	38
>HNF1A-L26(GLSKEALIQA	201	>HNF1A-L26(GLSKEAQIQA	822	621
>HNF1A-L26(GLSKEALIQAI	17	>HNF1A-L26(GLSKEAQIQA	17	0
>HNF1A-L26(GLSKEALI	95	>HNF1A-L26(GLSKEAQI	129	34
>HNF1A-L26(GLSKEALIQA	282	>HNF1A-L26(GLSKEAQIQA	3030	2748
>HNF1A-L26(GLSKEALIQAI	83	>HNF1A-L26(GLSKEAQIQA	87	4
>HNF1A-L26(GLSKEALI	396	>HNF1A-L26(GLSKEAQI	203	193
>HNF1A-L26(GLSKEALIQA	446	>HNF1A-L26(GLSKEAQIQA	665	219
>HNF1A-L26(GLSKEALIQAI	111	>HNF1A-L26(GLSKEAQIQA	119	8
>HNF1A-L26(GLSKEALI	177	>HNF1A-L26(GLSKEAQI	184	7
>HNF1A-L26(GLSKEALIQAI	43	>HNF1A-L26(GLSKEAQIQA	33	10
>HNF1A-L26(GLSKEALI	182	>HNF1A-L26(GLSKEAQI	138	44
>HNF1A-L26(GLSKEALIQA	142	>HNF1A-L26(GLSKEAQIQA	177	35
>HNF1A-L26(GLSKEALIQAI	80	>HNF1A-L26(GLSKEAQIQA	99	19
>HNF1A-L26(GLSKEALI	67	>HNF1A-L26(GLSKEAQI	34	33
>HNF1A-L26(GLSKEALIQA	37	>HNF1A-L26(GLSKEAQIQA	36	1
>HNF1A-L26(GLSKEALIQAI	14	>HNF1A-L26(GLSKEAQIQA	12	2
>HNF1A-L26(LESGLSKEAL	265	>HNF1A-L26(LESGLSKEAQ	13091	12826
>HNF1A-L26(LESGLSKEALI	17	>HNF1A-L26(LESGLSKEAQI	30	13
>HNF1A-L26(LESGLSKEALI	112	>HNF1A-L26(LESGLSKEAQI	224	112
>HNF1A-L26(LESGLSKEAL	185	>HNF1A-L26(LESGLSKEAQ	2346	2161
>HNF1A-L26(LESGLSKEAL	107	>HNF1A-L26(LESGLSKEAQ	18307	18200
>HNF1A-L26(LESGLSKEALI	45	>HNF1A-L26(LESGLSKEAQI	56	11
>HNF1A-N12 NIPQREVV	4638	>HNF1A-N12 YIPQREVV	290	4348
>HNF1A-N12 NIPQREVV	4499	>HNF1A-N12 YIPQREVV	203	4296
>HNF1A-N12 NIPQREVV	2516	>HNF1A-N12 YIPQREVV	40	2476
>HNF1A-N12 NIPQREVV	5682	>HNF1A-N12 YIPQREVV	88	5594
>HNF1A-N12 NIPQREVV	278	>HNF1A-N12 YIPQREVV	7	271
>HNF1A-N12 NIPQREVV	444	>HNF1A-N12 YIPQREVV	559	115
>HNF1A-N12 HNIPQREV	29541	>HNF1A-N12 HYIPQREV	338	29203
>HNF1A-N12 HNIPQREVV	20688	>HNF1A-N12 HYIPQREVV	74	20614
>HNF1A-N12 HNIPQREV	23501	>HNF1A-N12 HYIPQREV	85	23416
>HNF1A-N12 HNIPQREVV	21055	>HNF1A-N12 HYIPQREVV	58	20997
>HNF1A-N12 HNIPQREVVD	24245	>HNF1A-N12 HYIPQREVVD	447	23798
>HNF1A-N12 HNIPQREV	412	>HNF1A-N12 HYIPQREV	1453	1041
>HNF1A-N12 HNIPQREVV	282	>HNF1A-N12 HYIPQREVV	956	674



>HNF1A-N12 KMKVKSYLEQQ	13473	>HNF1A-N12 KMKVKSYLEQQ	191	13282
>HNF1A-N12 KMKVKSYLEQQ	17622	>HNF1A-N12 KMKVKSYLEQQ	48	17574
>HNF1A-N12 KMKVKSYLEQQ	15597	>HNF1A-N12 KMKVKSYLEQQ	68	15529
>HNF1A-N12 KMKVKSYLEQQ	18337	>HNF1A-N12 KMKVKSYLEQQ	23	18314
>HNF1A-N12 KMKVKSYLEQQ	7366	>HNF1A-N12 KMKVKSYLEQQ	33	7333
>HNF1A-N12 KMKVKSYLEQQ	1626	>HNF1A-N12 KMKVKSYLEQQ	6	1620
>HNF1A-N12 KMKVKSYLEQQ	18017	>HNF1A-N12 KMKVKSYLEQQ	42	17975
>HNF1A-N12 KMKVKSYLEQQ	9804	>HNF1A-N12 KMKVKSYLEQQ	34	9770
>HNF1A-N12 QHNIPQREV	1432	>HNF1A-N12 QHYIPQREV	325	1107
>HNF1A-N12 QHNIPQREV	1086	>HNF1A-N12 QHYIPQREV	315	771
>HNF1A-N12 QQHNIPQR	187	>HNF1A-N12 QQHYIPQR	114	73
>HNF1A-N12 QQHNIPQR	217	>HNF1A-N12 QQHYIPQR	186	31
>HNF1A-N12 QQHNIPQR	154	>HNF1A-N12 QQHYIPQR	118	36
>HNF1A-N12 QQHNIPQR	421	>HNF1A-N12 QQHYIPQR	357	64
>HNF1A-N12 LQQHNIPQR	1357	>HNF1A-N12 LQQHYIPQR	390	967
>HNF1A-N12 LQQHNIPQR	589	>HNF1A-N12 LQQHYIPQR	295	294
>HNF1A-N12 LQQHNIPQR	196	>HNF1A-N12 LQQHYIPQR	95	101
>HNF1A-N12 LQQHNIPQR	291	>HNF1A-N12 LQQHYIPQR	184	107
>HNF1A-N12 LQQHNIPQR	399	>HNF1A-N12 LQQHYIPQR	783	384
>HNF1A-N12 LQQHNIPQR	155	>HNF1A-N12 LQQHYIPQR	33	122
>HNF1A-N12 LQQHNIPQ	445	>HNF1A-N12 LQQHYIPQ	369	76
>HNF1A-N12 LQQHNIPQR	194	>HNF1A-N12 LQQHYIPQR	131	63
>HNF1A-N12 YLQQHNIPQ	764	>HNF1A-N12 YLQQHYIPQ	376	388
>HNF1A-N12 YLQQHNIPQ	37	>HNF1A-N12 YLQQHYIPQ	20	17
>HNF1A-N12 YLQQHNIPQ	265	>HNF1A-N12 YLQQHYIPQR	180	85
>HNF1A-N12 YLQQHNIPQ	1134	>HNF1A-N12 YLQQHYIPQR	393	741
>HNF1A-N12 YLQQHNIPQ	278	>HNF1A-N12 YLQQHYIPQR	323	45
>HNF1A-N12 SYLQQHNI	11	>HNF1A-N12 SYLQQHYI	15	4
>HNF1A-N12 SYLQQHNI	168	>HNF1A-N12 SYLQQHYI	206	38
>HNF1A-N12 SYLQQHNI	225	>HNF1A-N12 SYLQQHYI	156	69
>HNF1A-N12 SYLQQHNI	5	>HNF1A-N12 SYLQQHYI	4	1
>HNF1A-N12 SYLQQHNIPC	254	>HNF1A-N12 SYLQQHYIPQ	260	6
>HNF1A-N12 SYLQQHNIPC	85	>HNF1A-N12 SYLQQHYIPQ	31	54
>HNF1A-N12 SYLQQHNIPC	706	>HNF1A-N12 SYLQQHYIPQ	244	462
>HNF1A-N12 SYLQQHNIPC	523	>HNF1A-N12 SYLQQHYIPQ	284	239
>HNF1A-N12 SYLQQHNIPC	235	>HNF1A-N12 SYLQQHYIPQ	92	143
>HNF1A-N12 SYLQQHNIPC	29	>HNF1A-N12 SYLQQHYIPQ	23	6
>HNF1A-N12 SYLQQHNI	531	>HNF1A-N12 SYLQQHYI	389	142
>HNF1A-N12 SYLQQHNI	457	>HNF1A-N12 SYLQQHYI	136	321
>HNF1A-N12 KSYLQQHNI	1647	>HNF1A-N12 KSYLQQHYI	386	1261
>HNF1A-N12 KSYLQQHN	15009	>HNF1A-N12 KSYLQQHY	198	14811
>HNF1A-N12 KSYLQQHN	24297	>HNF1A-N12 KSYLQQHY	227	24070
>HNF1A-N12 KSYLQQHN	3725	>HNF1A-N12 KSYLQQHY	450	3275

>HNF1A-N12 KSYLQQHNI	88	>HNF1A-N12 KSYLQQHYI	27	61
>HNF1A-N12 KSYLQQHNIP	255	>HNF1A-N12 KSYLQQHYIP	148	107
>HNF1A-N12 KSYLQQHN	10683	>HNF1A-N12 KSYLQQHY	44	10639
>HNF1A-N12 KSYLQQHNI	82	>HNF1A-N12 KSYLQQHYI	246	164
>HNF1A-N12 KSYLQQHN	24491	>HNF1A-N12 KSYLQQHY	180	24311
>HNF1A-N12 KSYLQQHN	16997	>HNF1A-N12 KSYLQQHY	170	16827
>HNF1A-N12 KSYLQQHN	11057	>HNF1A-N12 KSYLQQHY	52	11005
>HNF1A-N12 KSYLQQHN	2857	>HNF1A-N12 KSYLQQHY	4	2853
>HNF1A-N12 KSYLQQHNI	19	>HNF1A-N12 KSYLQQHYI	22	3
>HNF1A-N12 KSYLQQHN	7682	>HNF1A-N12 KSYLQQHY	68	7614
>HNF1A-N12 KSYLQQHNI	1189	>HNF1A-N12 KSYLQQHYI	181	1008
>HNF1A-N12 KSYLQQHN	2612	>HNF1A-N12 KSYLQQHY	15	2597
>HNF1A-N12 KSYLQQHNI	20	>HNF1A-N12 KSYLQQHYI	12	8
>HNF1A-N12 KSYLQQHNI	36	>HNF1A-N12 KSYLQQHYI	31	5
>HNF1A-N12 VKSYLQQHN	28302	>HNF1A-N12 VKSYLQQHY	200	28102
>HNF1A-N12 VKSYLQQHN	5244	>HNF1A-N12 VKSYLQQHY	9	5235
>HNF1A-N12 VKSYLQQHNI	208	>HNF1A-N12 VKSYLQQHYI	230	22
>HNF1A-N12 MVKSYLQQH	259	>HNF1A-N12 MVKSYLQQH	66	193
>HNF1A-N12 MVKSYLQQH	63	>HNF1A-N12 MVKSYLQQH	38	25
>HNF1A-N12 MVKSYLQQH	1529	>HNF1A-N12 MVKSYLQQH	267	1262
>HNF1A-N12 MVKSYLQQH	593	>HNF1A-N12 MVKSYLQQH	212	381
>HNF1A-N12 MVKSYLQQH	22814	>HNF1A-N12 MVKSYLQQH	37	22777
>HNF1A-N12 MVKSYLQQH	32491	>HNF1A-N12 MVKSYLQQH	403	32088
>HNF1A-N12 MVKSYLQQH	622	>HNF1A-N12 MVKSYLQQH	48	574
>HNF1A-N12 MVKSYLQQH	16	>HNF1A-N12 MVKSYLQQH	9	7
>HNF1A-N12 MVKSYLQQH	29929	>HNF1A-N12 MVKSYLQQH	483	29446
>HNF1A-N12 MVKSYLQQH	133	>HNF1A-N12 MVKSYLQQH	48	85
>HNF1A-N12 MVKSYLQQH	810	>HNF1A-N12 MVKSYLQQH	373	437
>HNF1A-N12 MVKSYLQQH	25026	>HNF1A-N12 MVKSYLQQH	82	24944
>HNF1A-N12 MVKSYLQQH	359	>HNF1A-N12 MVKSYLQQH	362	3
>HNF1A-N12 MVKSYLQQH	10773	>HNF1A-N12 MVKSYLQQH	44	10729
>HNF1A-N12 MVKSYLQQH	15208	>HNF1A-N12 MVKSYLQQH	147	15061
>HNF1A-N12 MVKSYLQQH	24025	>HNF1A-N12 MVKSYLQQH	146	23879
>HNF1A-N23 NRAECIQRGV	1002	>HNF1A-N23 SRAECIQRGV	266	736
>HNF1A-N23 EERETLVEECI	1004	>HNF1A-N23 EERETLVEECI	316	688
>HNF1A-N23 EECNRAECI	8	>HNF1A-N23 EECSRAECI	9	1
>HNF1A-N23 EECNRAECIQ	340	>HNF1A-N23 EECSRAECIQI	246	94
>HNF1A-N23 EECNRAECI	232	>HNF1A-N23 EECSRAECI	243	11
>HNF1A-N23 EECNRAECI	371	>HNF1A-N23 EECSRAECI	464	93
>HNF1A-N23 VEECNRAECI	30	>HNF1A-N23 VEECSRAECI	26	4
>HNF1A-N23 VEECNRAECI	19	>HNF1A-N23 VEECSRAECI	18	1
>HNF1A-N23 TLVEECNRA	91	>HNF1A-N23 TLVEECSRA	198	107
>HNF1A-N23 TLVEECNRA	79	>HNF1A-N23 TLVEECSRA	28	51

>HNF1A-N23 TLVEECNRA	58	>HNF1A-N23 TLVEECSRA	23	35
>HNF1A-N23 TLVEECNRAE	138	>HNF1A-N23 TLVEECSRAE	102	36
>HNF1A-N23 TLVEECNR	83	>HNF1A-N23 TLVEECSR	75	8
>HNF1A-N23 TLVEECNR	273	>HNF1A-N23 TLVEECSR	513	240
>HNF1A-N23 ETLVEECNR	55	>HNF1A-N23 ETLVEECSR	50	5
>HNF1A-N23 ETLVEECNR	11	>HNF1A-N23 ETLVEECSR	10	1
>HNF1A-N23 RETLVEECNR	114	>HNF1A-N23 RETLVEECSR	114	0
>HNF1A-P44' PVINSMGSSL	2571	>HNF1A-P44' LVINSMGSSL	81	2490
>HNF1A-P44' PVINSMGSSL	3479	>HNF1A-P44' LVINSMGSSL	136	3343
>HNF1A-P44' PVINSMGSSL	8669	>HNF1A-P44' LVINSMGSSL	141	8528
>HNF1A-P44' PVINSMGSSL	7425	>HNF1A-P44' LVINSMGSSL	278	7147
>HNF1A-P44' PVINSMGSSL	105	>HNF1A-P44' LVINSMGSSL	111	6
>HNF1A-P44' PVINSMGSSL	7541	>HNF1A-P44' LVINSMGSSL	129	7412
>HNF1A-P44' PVINSMGSSL	6417	>HNF1A-P44' LVINSMGSSL	112	6305
>HNF1A-P44' PVINSMGSSL	7207	>HNF1A-P44' LVINSMGSSL	235	6972
>HNF1A-P44' VPVINSMGSS	243	>HNF1A-P44' VLVINSMGSS	34867	34624
>HNF1A-P44' VPVINSMGSS	25070	>HNF1A-P44' VLVINSMGSS	169	24901
>HNF1A-P44' VPVINSMGSS	20141	>HNF1A-P44' VLVINSMGSS	50	20091
>HNF1A-P44' VPVINSMGSS	23573	>HNF1A-P44' VLVINSMGSS	24	23549
>HNF1A-P44' VPVINSMGSS	22595	>HNF1A-P44' VLVINSMGSS	58	22537
>HNF1A-P44' VPVINSMGSS	25560	>HNF1A-P44' VLVINSMGSS	151	25409
>HNF1A-P44' VPVINSMGSS	25524	>HNF1A-P44' VLVINSMGSS	485	25039
>HNF1A-P44' VPVINSMGSS	29473	>HNF1A-P44' VLVINSMGSS	5	29468
>HNF1A-P44' VPVINSMGSS	19	>HNF1A-P44' VLVINSMGSS	5138	5119
>HNF1A-P44' VPVINSMGSS	2723	>HNF1A-P44' VLVINSMGSS	494	2229
>HNF1A-P44' VPVINSMGSS	273	>HNF1A-P44' VLVINSMGSS	11476	11203
>HNF1A-P44' GLASTQAQS\	23235	>HNF1A-P44' GLASTQAQS\	480	22755
>HNF1A-P44' GLASTQAQS\	3259	>HNF1A-P44' GLASTQAQS\	11	3248
>HNF1A-P44' GLASTQAQS\	7609	>HNF1A-P44' GLASTQAQS\	28	7581
>HNF1A-P44' GLASTQAQS\	13992	>HNF1A-P44' GLASTQAQS\	73	13919
>HNF1A-P44' GLASTQAQS\	16604	>HNF1A-P44' GLASTQAQS\	41	16563
>HNF1A-P44' GLASTQAQS\	13511	>HNF1A-P44' GLASTQAQS\	22	13489
>HNF1A-P44' GLASTQAQS\	22417	>HNF1A-P44' GLASTQAQS\	74	22343
>HNF1A-P44' GLASTQAQS\	9402	>HNF1A-P44' GLASTQAQS\	7	9395
>HNF1A-P44' GLASTQAQS\	10039	>HNF1A-P44' GLASTQAQS\	185	9854
>HNF1A-P44' SVPVINSM	546	>HNF1A-P44' SVLVINSM	362	184
>HNF1A-P44' SVPVINSM	386	>HNF1A-P44' SVLVINSM	2282	1896
>HNF1A-P44' SVPVINSM	7472	>HNF1A-P44' SVLVINSM	304	7168
>HNF1A-P44' SVPVINSM	78	>HNF1A-P44' SVLVINSM	12084	12006
>HNF1A-P44' QSVPVINSM	474	>HNF1A-P44' QSVLVINSM	706	232
>HNF1A-P44' QSVPVINSM	58	>HNF1A-P44' QSVLVINSM	73	15
>HNF1A-P44' QSVPVINSM	281	>HNF1A-P44' QSVLVINSM	1207	926
>HNF1A-P44' QSVPVINSM	46	>HNF1A-P44' QSVLVINSM	255	209

>HNF1A-P44' QSVPVINSM	288	>HNF1A-P44' QSVLVINSM	2239	1951
>HNF1A-P44' QSVPVINSM	320	>HNF1A-P44' QSVLVINSM	1050	730
>HNF1A-P44' QSVPVINSM	52	>HNF1A-P44' QSVLVINSM	115	63
>HNF1A-P44' AQSVPVINSM	83	>HNF1A-P44' AQSVLVINSM	74	9
>HNF1A-P44' AQSVPVINSM	14	>HNF1A-P44' AQSVLVINSM	31	17
>HNF1A-P44' QAQSVPVINS	417	>HNF1A-P44' QAQSVLVINS	634	217
>HNF1A-P44' QAQSVPVINS	413	>HNF1A-P44' QAQSVLVINS	302	111
>HNF1A-P44' QAQSVPVI	155	>HNF1A-P44' QAQSVLVI	157	2
>HNF1A-P44' TQAQSVPVI	523	>HNF1A-P44' TQAQSVLVI	352	171
>HNF1A-P44' TQAQSVPV	178	>HNF1A-P44' TQAQSVLV	289	111
>HNF1A-P44' TQAQSVPV	177	>HNF1A-P44' TQAQSVLV	134	43
>HNF1A-P44' TQAQSVPV	37	>HNF1A-P44' TQAQSVLV	56	19
>HNF1A-P44' TQAQSVPVI	713	>HNF1A-P44' TQAQSVLVI	436	277
>HNF1A-P44' TQAQSVPV	10	>HNF1A-P44' TQAQSVLV	13	3
>HNF1A-P44' TQAQSVPVI	146	>HNF1A-P44' TQAQSVLVI	257	111
>HNF1A-P44' TQAQSVPV	443	>HNF1A-P44' TQAQSVLV	833	390
>HNF1A-P44' TQAQSVPV	190	>HNF1A-P44' TQAQSVLV	318	128
>HNF1A-P44' TQAQSVPV	251	>HNF1A-P44' TQAQSVLV	711	460
>HNF1A-P44' TQAQSVPV	224	>HNF1A-P44' TQAQSVLV	1762	1538
>HNF1A-P44' TQAQSVPVI	172	>HNF1A-P44' TQAQSVLVI	103	69
>HNF1A-P44' TQAQSVPV	109	>HNF1A-P44' TQAQSVLV	471	362
>HNF1A-P44' TQAQSVPVI	102	>HNF1A-P44' TQAQSVLVI	66	36
>HNF1A-P44' TQAQSVPV	67	>HNF1A-P44' TQAQSVLV	243	176
>HNF1A-P44' TQAQSVPVI	44	>HNF1A-P44' TQAQSVLVI	35	9
>HNF1A-P44' STQAQSVPV	455	>HNF1A-P44' STQAQSVLV	945	490
>HNF1A-P44' STQAQSVPV	138	>HNF1A-P44' STQAQSVLV	414	276
>HNF1A-P44' STQAQSVPV	208	>HNF1A-P44' STQAQSVLV	401	193
>HNF1A-P44' STQAQSVPV	200	>HNF1A-P44' STQAQSVLV	1079	879
>HNF1A-P44' STQAQSVPV	351	>HNF1A-P44' STQAQSVLV	452	101
>HNF1A-P44' STQAQSVPV	287	>HNF1A-P44' STQAQSVLV	180	107
>HNF1A-P44' STQAQSVPV	148	>HNF1A-P44' STQAQSVLV	388	240
>HNF1A-P44' STQAQSVPVI	292	>HNF1A-P44' STQAQSVLVI	495	203
>HNF1A-P44' STQAQSVPV	237	>HNF1A-P44' STQAQSVLV	1727	1490
>HNF1A-P44' STQAQSVPVI	170	>HNF1A-P44' STQAQSVLVI	96	74
>HNF1A-P44' STQAQSVPV	14	>HNF1A-P44' STQAQSVLV	42	28
>HNF1A-P44' STQAQSVPV	28	>HNF1A-P44' STQAQSVLV	139	111
>HNF1A-P44' STQAQSV	19073	>HNF1A-P44' STQAQSVL	47	19026
>HNF1A-P44' STQAQSVPVI	102	>HNF1A-P44' STQAQSVLVI	89	13
>HNF1A-P44' STQAQSVPVI	217	>HNF1A-P44' STQAQSVLVI	99	118
>HNF1A-P44' STQAQSV	19481	>HNF1A-P44' STQAQSVL	239	19242
>HNF1A-P44' STQAQSVPVI	97	>HNF1A-P44' STQAQSVLVI	59	38
>HNF1A-P44' ASTQAQSV	17014	>HNF1A-P44' ASTQAQSVL	23	16991
>HNF1A-P44' ASTQAQSV	458	>HNF1A-P44' ASTQAQSVL	1472	1014

>HNF1A-P44' ASTQAQSVPI	72	>HNF1A-P44' ASTQAQSVLI	55	17
>HNF1A-P44' ASTQAQSVPI	322	>HNF1A-P44' ASTQAQSVLI	181	141
>HNF1A-P44' ASTQAQSVPI	18757	>HNF1A-P44' ASTQAQSVLI	203	18554
>HNF1A-P44' ASTQAQSVPI	1393	>HNF1A-P44' ASTQAQSVLI	292	1101
>HNF1A-P44' ASTQAQSVPI	334	>HNF1A-P44' ASTQAQSVLI	459	125
>HNF1A-P44' ASTQAQSVPI	4064	>HNF1A-P44' ASTQAQSVLI	27	4037
>HNF1A-P44' ASTQAQSVPI	657	>HNF1A-P44' ASTQAQSVLI	249	408
>HNF1A-P44' ASTQAQSVPI	684	>HNF1A-P44' ASTQAQSVLI	476	208
>HNF1A-P44' ASTQAQSVPI	24027	>HNF1A-P44' ASTQAQSVLI	222	23805
>HNF1A-P44' ASTQAQSVPI	23	>HNF1A-P44' ASTQAQSVLI	27	4
>HNF1A-P44' LASTQAQSVFI	497	>HNF1A-P44' LASTQAQSVLI	404	93
>HNF1A-P44' LASTQAQSVFI	469	>HNF1A-P44' LASTQAQSVLI	864	395
>HNF1A-P44' LASTQAQSVFI	466	>HNF1A-P44' LASTQAQSVLI	937	471
>HNF1A-P44' LASTQAQSVFI	176	>HNF1A-P44' LASTQAQSVLI	129	47
>HNF1A-P44' LASTQAQSVFI	153	>HNF1A-P44' LASTQAQSVLI	471	318
>HNF1A-P44' LASTQAQSVFI	20971	>HNF1A-P44' LASTQAQSVLI	229	20742
>HNF1A-Q21 QQILFQAYER	353	>HNF1A-Q21 PQILFQAYER	3655	3302
>HNF1A-Q21 QQILFQAY	352	>HNF1A-Q21 PQILFQAY	1466	1114
>HNF1A-Q21 QQILFQAY	254	>HNF1A-Q21 PQILFQAY	748	494
>HNF1A-Q21 QQILFQAYER	38	>HNF1A-Q21 PQILFQAYER	362	324
>HNF1A-Q21 QQILFQAYER	249	>HNF1A-Q21 PQILFQAYER	1368	1119
>HNF1A-Q21 QQILFQAYER	54	>HNF1A-Q21 PQILFQAYER	1909	1855
>HNF1A-Q21 QQILFQAY	63	>HNF1A-Q21 PQILFQAY	413	350
>HNF1A-Q21 QQILFQAY	215	>HNF1A-Q21 PQILFQAY	1446	1231
>HNF1A-Q21 QQILFQAY	7	>HNF1A-Q21 PQILFQAY	42	35
>HNF1A-Q21 QQILFQAY	339	>HNF1A-Q21 PQILFQAY	1827	1488
>HNF1A-Q21 QQILFQAYER	66	>HNF1A-Q21 PQILFQAYER	210	144
>HNF1A-Q21 SQQILFQA	95	>HNF1A-Q21 SPQILFQA	17996	17901
>HNF1A-Q21 SQQILFQAY	203	>HNF1A-Q21 SPQILFQAY	1809	1606
>HNF1A-Q21 SQQILFQAYE	23	>HNF1A-Q21 SPQILFQAYE	1275	1252
>HNF1A-Q21 SQQILFQAY	31	>HNF1A-Q21 SPQILFQAY	4184	4153
>HNF1A-Q21 SQQILFQAY	157	>HNF1A-Q21 SPQILFQAY	1272	1115
>HNF1A-Q21 SQQILFQAY	11	>HNF1A-Q21 SPQILFQAY	2783	2772
>HNF1A-Q21 SQQILFQAY	2770	>HNF1A-Q21 SPQILFQAY	24	2746
>HNF1A-Q21 SQQILFQA	27200	>HNF1A-Q21 SPQILFQA	106	27094
>HNF1A-Q21 SQQILFQAYE	31581	>HNF1A-Q21 SPQILFQAYE	490	31091
>HNF1A-Q21 SQQILFQAY	3811	>HNF1A-Q21 SPQILFQAY	13	3798
>HNF1A-Q21 SQQILFQAYE	242	>HNF1A-Q21 SPQILFQAYE	599	357
>HNF1A-Q21 RNRFKWGPA	69	>HNF1A-Q21 RNRFKWGPA	210	141
>HNF1A-Q21 ASQQILFQAY	353	>HNF1A-Q21 ASPQILFQAY	833	480
>HNF1A-Q21 ASQQILFQAY	228	>HNF1A-Q21 ASPQILFQAY	114	114
>HNF1A-Q21 ASQQILFQAY	247	>HNF1A-Q21 ASPQILFQAY	191	56
>HNF1A-Q21 ASQQILFQAY	112	>HNF1A-Q21 ASPQILFQAY	402	290

>HNF1A-Q21 ASQQILFQAY	97	>HNF1A-Q21 ASPQILFQAY	392	295
>HNF1A-Q21 ASQQILFQAY	261	>HNF1A-Q21 ASPQILFQAY	738	477
>HNF1A-Q21 ASQQILFQAY	18	>HNF1A-Q21 ASPQILFQAY	226	208
>HNF1A-Q21 ASQQILFQ	28733	>HNF1A-Q21 ASPQILFQ	284	28449
>HNF1A-Q21 ASQQILFQA	16356	>HNF1A-Q21 ASPQILFQA	89	16267
>HNF1A-Q21 ASQQILFQAY	13616	>HNF1A-Q21 ASPQILFQAY	76	13540
>HNF1A-Q21 ASQQILFQAY	11623	>HNF1A-Q21 ASPQILFQAYI	59	11564
>HNF1A-Q21 ASQQILFQAY	233	>HNF1A-Q21 ASPQILFQAY	4547	4314
>HNF1A-Q21 PASQQILFQA	550	>HNF1A-Q21 PASPQILFQA'	256	294
>HNF1A-Q21 PASQQILFQA	152	>HNF1A-Q21 PASPQILFQA'	156	4
>HNF1A-Q21 GPASQQILF	499	>HNF1A-Q21 GPASPQILF	786	287
>HNF1A-Q21 GPASQQIL	168	>HNF1A-Q21 GPASPQIL	104	64
>HNF1A-Q21 GPASQQILF	219	>HNF1A-Q21 GPASPQILF	408	189
>HNF1A-Q21 GPASQQILF	204	>HNF1A-Q21 GPASPQILF	643	439
>HNF1A-Q21 GPASQQILFQ	153	>HNF1A-Q21 GPASPQILFQ	67	86
>HNF1A-Q21 GPASQQILF	1169	>HNF1A-Q21 GPASPQILF	224	945
>HNF1A-Q21 GPASQQILF	105	>HNF1A-Q21 GPASPQILF	197	92
>HNF1A-Q21 GPASQQILF	363	>HNF1A-Q21 GPASPQILF	865	502
>HNF1A-Q21 WGPASQQI	133	>HNF1A-Q21 WGPASPQI	108	25
>HNF1A-Q21 WGPASQQIL	111	>HNF1A-Q21 WGPASPQIL	267	156
>HNF1A-Q21 WGPASQQILI	53	>HNF1A-Q21 WGPASPQILF	74	21
>HNF1A-Q21 WGPASQQIL	235	>HNF1A-Q21 WGPASPQIL	350	115
>HNF1A-Q21 WGPASQQILI	183	>HNF1A-Q21 WGPASPQILF	87	96
>HNF1A-Q21 WGPASQQILI	108	>HNF1A-Q21 WGPASPQILF	75	33
>HNF1A-Q21 KWGPASQQI	463	>HNF1A-Q21 KWGPASPQI	503	40
>HNF1A-Q21 KWGPASQQI	87	>HNF1A-Q21 KWGPASPQII	104	17
>HNF1A-Q21 KWGPASQQI	131	>HNF1A-Q21 KWGPASPQI	187	56
>HNF1A-Q21 KWGPASQQI	59	>HNF1A-Q21 KWGPASPQII	74	15
>HNF1A-Q21 KWGPASQQI	25	>HNF1A-Q21 KWGPASPQI	36	11
>HNF1A-Q21 KWGPASQQI	103	>HNF1A-Q21 KWGPASPQII	186	83
>HNF1A-Q21 KWGPASQQI	9	>HNF1A-Q21 KWGPASPQII	12	3
>HNF1A-Q21 KWGPASQQ	597	>HNF1A-Q21 KWGPASPQ	257	340
>HNF1A-Q21 KWGPASQQ	627	>HNF1A-Q21 KWGPASPQ	443	184
>HNF1A-Q21 KWGPASQQI	327	>HNF1A-Q21 KWGPASPQI	309	18
>HNF1A-Q21 KWGPASQQI	399	>HNF1A-Q21 KWGPASPQII	452	53
>HNF1A-Q21 KWGPASQQI	288	>HNF1A-Q21 KWGPASPQII	306	18
>HNF1A-Q21 FKWGPASQC	301	>HNF1A-Q21 FKWGPASPQ	216	85
>HNF1A-Q21 FKWGPASQ	346	>HNF1A-Q21 FKWGPASP	473	127
>HNF1A-Q21 FKWGPASQC	628	>HNF1A-Q21 FKWGPASPQ	146	482
>HNF1A-Q21 FKWGPASQC	26	>HNF1A-Q21 FKWGPASPQ	37	11
>HNF1A-Q21 FKWGPASQC	8	>HNF1A-Q21 FKWGPASPQ	7	1
>HNF1A-Q21 FKWGPASQC	50	>HNF1A-Q21 FKWGPASPQ	30	20
>HNF1A-Q21 FKWGPASQC	127	>HNF1A-Q21 FKWGPASPQ	117	10

>HNF1A-Q21 RFKWGPASQ	227	>HNF1A-Q21 RFKWGPASPI	278	51
>HNF1A-Q21 RFKWGPASQ	76	>HNF1A-Q21 RFKWGPASPI	110	34
>HNF1A-Q21 RFKWGPASQ	167	>HNF1A-Q21 RFKWGPASP	557	390
>HNF1A-Q21 RFKWGPASQ	884	>HNF1A-Q21 RFKWGPASPI	221	663
>HNF1A-Q21 RFKWGPASQ	18	>HNF1A-Q21 RFKWGPASPI	12	6
>HNF1A-Q21 RFKWGPASQ	351	>HNF1A-Q21 RFKWGPASP	349	2
>HNF1A-Q21 RFKWGPASQ	412	>HNF1A-Q21 RFKWGPASPI	359	53
>HNF1A-Q21 NRFKWGPAS	413	>HNF1A-Q21 NRFKWGPAS	181	232
>HNF1A-Q21 NRFKWGPAS	394	>HNF1A-Q21 NRFKWGPAS	350	44
>HNF1A-Q25 QAQGLGSNL	440	>HNF1A-Q25 PAQGLGSNL	7264	6824
>HNF1A-Q25 QAQGLGSNL	435	>HNF1A-Q25 PAQGLGSNL	8638	8203
>HNF1A-Q25 SQAQGLGSN	30239	>HNF1A-Q25 SPAQGLGSNI	106	30133
>HNF1A-Q25 SQAQGLGSN	321	>HNF1A-Q25 SPAQGLGSNI	21278	20957
>HNF1A-Q25 SQAQGLGSN	182	>HNF1A-Q25 SPAQGLGSNI	11876	11694
>HNF1A-Q25 SQAQGLGSN	79	>HNF1A-Q25 SPAQGLGSNI	11749	11670
>HNF1A-Q25 SQAQGLGSN	19	>HNF1A-Q25 SPAQGLGSNI	11953	11934
>HNF1A-Q25 SQAQGLGSN	7	>HNF1A-Q25 SPAQGLGSNI	6782	6775
>HNF1A-Q25 SQAQGLGSN	83	>HNF1A-Q25 SPAQGLGSNI	10191	10108
>HNF1A-Q25 SQAQGLGSN	3372	>HNF1A-Q25 SPAQGLGSNI	257	3115
>HNF1A-Q25 SQAQGLGSN	16635	>HNF1A-Q25 SPAQGLGSNI	42	16593
>HNF1A-Q25 SQAQGLGSN	22845	>HNF1A-Q25 SPAQGLGSNI	54	22791
>HNF1A-Q25 SQAQGLGSN	244	>HNF1A-Q25 SPAQGLGSNI	19579	19335
>HNF1A-Q25 SQAQGLGSN	282	>HNF1A-Q25 SPAQGLGSNI	9619	9337
>HNF1A-Q25 SQAQGLGSN	395	>HNF1A-Q25 SPAQGLGSNI	1187	792
>HNF1A-Q25 SQAQGLGSN	27020	>HNF1A-Q25 SPAQGLGSNI	416	26604
>HNF1A-Q25 PSQAQGLGSI	15420	>HNF1A-Q25 PSPAQGLGSI	72	15348
>HNF1A-Q25 SPSQAQGL	178	>HNF1A-Q25 SPSPAQGL	182	4
>HNF1A-Q25 SPSQAQGL	55	>HNF1A-Q25 SPSPAQGL	62	7
>HNF1A-Q25 VSPSQAQGL	394	>HNF1A-Q25 VSPSPAQGL	340	54
>HNF1A-Q25 VSPSQAQGL	209	>HNF1A-Q25 VSPSPAQGL	130	79
>HNF1A-Q25 VSPSQAQGL	12	>HNF1A-Q25 VSPSPAQGL	3	9
>HNF1A-Q25 VSPSQAQGLC	684	>HNF1A-Q25 VSPSPAQGLC	97	587
>HNF1A-Q25 VSPSQAQGLC	2846	>HNF1A-Q25 VSPSPAQGLC	478	2368
>HNF1A-Q25 GVSPSQAQGI	139	>HNF1A-Q25 GVSPSPAQGI	249	110
>HNF1A-Q25 GVSPSQAQGI	172	>HNF1A-Q25 GVSPSPAQGI	117	55
>HNF1A-Q25 RGVSPSQAQGI	83	>HNF1A-Q25 RGVSPSPAQGI	67	16
>HNF1A-Q25 IQRGVSPSPA	1420	>HNF1A-Q25 IQRGVSPSPA	426	994
>HNF1A-Q25 IQRGVSPSPA	260	>HNF1A-Q25 IQRGVSPSPA	63	197
>HNF1A-Q25 IQRGVSPSP	403	>HNF1A-Q25 IQRGVSPSP	1024	621
>HNF1A-Q25 IQRGVSPSPA	623	>HNF1A-Q25 IQRGVSPSPA	155	468
>HNF1A-Q25 IQRGVSPSPA	303	>HNF1A-Q25 IQRGVSPSPA	360	57
>HNF1A-Q25 IQRGVSPSPA	358	>HNF1A-Q25 IQRGVSPSPA	103	255
>HNF1A-Q25 IQRGVSPSPA	464	>HNF1A-Q25 IQRGVSPSPA	771	307

>HNF1A-Q25 CIQRGVSPSQ	850	>HNF1A-Q25 CIQRGVSPSP,	318	532
>HNF1A-R13 REVVDTTGL	8260	>HNF1A-R13 WEVVDTTGL	187	8073
>HNF1A-R13 REVVDTTGL	10	>HNF1A-R13 WEVVDTTGL	12	2
>HNF1A-R13 REVVDTTGL	180	>HNF1A-R13 WEVVDTTGL	182	2
>HNF1A-R13 REVVDTTGL	6	>HNF1A-R13 WEVVDTTGL	7	1
>HNF1A-R13 SYLQQHNIPC	10738	>HNF1A-R13 SYLQQHNIPC	331	10407
>HNF1A-R13 SYLQQHNIPC	8345	>HNF1A-R13 SYLQQHNIPC	231	8114
>HNF1A-R13 SYLQQHNIPC	254	>HNF1A-R13 SYLQQHNIPC	5	249
>HNF1A-R13 SYLQQHNIPC	85	>HNF1A-R13 SYLQQHNIPC	20547	20462
>HNF1A-R13 SYLQQHNIPC	29	>HNF1A-R13 SYLQQHNIPC	11849	11820
>HNF1A-R13 PQREVVDTT	4385	>HNF1A-R13 PQWEVVDTT	322	4063
>HNF1A-R13 PQREVVDTT	8866	>HNF1A-R13 PQWEVVDTT	224	8642
>HNF1A-R13 PQREVVDTT	14770	>HNF1A-R13 PQWEVVDTT	363	14407
>HNF1A-R13 NIPQREV	2516	>HNF1A-R13 NIPQWEV	145	2371
>HNF1A-R13 NIPQREV	278	>HNF1A-R13 NIPQWEV	78	200
>HNF1A-R13 NIPQREV	444	>HNF1A-R13 NIPQWEV	166	278
>HNF1A-R13 HNIPQREV	412	>HNF1A-R13 HNIPQWEV	62	350
>HNF1A-R13 HNIPQREV	282	>HNF1A-R13 HNIPQWEV	310	28
>HNF1A-R13 QQHNIPQRE	1032	>HNF1A-R13 QQHNIPQWE	210	822
>HNF1A-R13 QQHNIPQRE	740	>HNF1A-R13 QQHNIPQWE	60	680
>HNF1A-R13 QQHNIPQR	187	>HNF1A-R13 QQHNIPQW	20032	19845
>HNF1A-R13 QQHNIPQR	1470	>HNF1A-R13 QQHNIPQW	460	1010
>HNF1A-R13 QQHNIPQRE	217	>HNF1A-R13 QQHNIPQWE	249	32
>HNF1A-R13 QQHNIPQRE	154	>HNF1A-R13 QQHNIPQWE	206	52
>HNF1A-R13 QQHNIPQR	421	>HNF1A-R13 QQHNIPQW	33582	33161
>HNF1A-R13 LQQHNIPQRI	1357	>HNF1A-R13 LQQHNIPQW	60	1297
>HNF1A-R13 LQQHNIPQRI	589	>HNF1A-R13 LQQHNIPQW	327	262
>HNF1A-R13 LQQHNIPQRI	196	>HNF1A-R13 LQQHNIPQW	10	186
>HNF1A-R13 LQQHNIPQRI	291	>HNF1A-R13 LQQHNIPQW	26	265
>HNF1A-R13 LQQHNIPQRI	399	>HNF1A-R13 LQQHNIPQW	21	378
>HNF1A-R13 LQQHNIPQRI	3367	>HNF1A-R13 LQQHNIPQW	235	3132
>HNF1A-R13 LQQHNIPQRI	966	>HNF1A-R13 LQQHNIPQW	39	927
>HNF1A-R13 LQQHNIPQR	155	>HNF1A-R13 LQQHNIPQW	20109	19954
>HNF1A-R13 LQQHNIPQR	7772	>HNF1A-R13 LQQHNIPQW	318	7454
>HNF1A-R13 LQQHNIPQR	1178	>HNF1A-R13 LQQHNIPQW	299	879
>HNF1A-R13 LQQHNIPQRI	194	>HNF1A-R13 LQQHNIPQW	193	1
>HNF1A-R13 LQQHNIPQR	22496	>HNF1A-R13 LQQHNIPQW	178	22318
>HNF1A-R13 LQQHNIPQR	31976	>HNF1A-R13 LQQHNIPQW	104	31872
>HNF1A-R13 YLQQHNIPQF	265	>HNF1A-R13 YLQQHNIPQ\	534	269
>HNF1A-R13 YLQQHNIPQF	25929	>HNF1A-R13 YLQQHNIPQ\	81	25848
>HNF1A-R13 YLQQHNIPQF	22433	>HNF1A-R13 YLQQHNIPQ\	261	22172
>HNF1A-R13 YLQQHNIPQF	278	>HNF1A-R13 YLQQHNIPQ\	29022	28744
>HNF1A-R16 RKQREVAQQ	4	>HNF1A-R16 CKQREVAQQ	21	17



>HNF1A-R16.RKQREVAQQ	300	>HNF1A-R16.CKQREVAQQ	8631	8331
>HNF1A-R16.VRKQREVAQ	81	>HNF1A-R16.VCKQREVAQ	972	891
>HNF1A-R16.KRAALYTWY	443	>HNF1A-R16.KRAALYTWY	22228	21785
>HNF1A-R16.KRAALYTWY	58	>HNF1A-R16.KRAALYTWY	1561	1503
>HNF1A-R16.KRAALYTWY	160	>HNF1A-R16.KRAALYTWY	122	38
>HNF1A-R16.KRAALYTWY	30	>HNF1A-R16.KRAALYTWY	26597	26567
>HNF1A-R16.YVRKQREV	304	>HNF1A-R16.YVCKQREV	470	166
>HNF1A-R16.YVRKQREV	2921	>HNF1A-R16.YVCKQREV	472	2449
>HNF1A-R16.YVRKQREV	1116	>HNF1A-R16.YVCKQREV	115	1001
>HNF1A-R16.YVRKQREV	25	>HNF1A-R16.YVCKQREV	20	5
>HNF1A-R16.YVRKQREV	138	>HNF1A-R16.YVCKQREV	7735	7597
>HNF1A-R16.YVRKQREVA	194	>HNF1A-R16.YVCKQREVA	8876	8682
>HNF1A-R16.YVRKQREV	2834	>HNF1A-R16.YVCKQREV	478	2356
>HNF1A-R16.YVRKQREV	355	>HNF1A-R16.YVCKQREV	20326	19971
>HNF1A-R16.WYVRKQREV	419	>HNF1A-R16.WYVCKQREV	725	306
>HNF1A-R16.TWYVRKQR	56	>HNF1A-R16.TWYVCKQR	164	108
>HNF1A-R16.TWYVRKQR	25	>HNF1A-R16.TWYVCKQR	20	5
>HNF1A-R16.TWYVRKQRE	324	>HNF1A-R16.TWYVCKQRE	345	21
>HNF1A-R16.YTWYVRKQR	158	>HNF1A-R16.YTWYVCKQR	48	110
>HNF1A-R16.YTWYVRKQR	752	>HNF1A-R16.YTWYVCKQR	295	457
>HNF1A-R16.YTWYVRKQR	17	>HNF1A-R16.YTWYVCKQR	11	6
>HNF1A-R16.YTWYVRKQR	940	>HNF1A-R16.YTWYVCKQR	425	515
>HNF1A-R16.YTWYVRKQR	100	>HNF1A-R16.YTWYVCKQR	65	35
>HNF1A-R16.YTWYVRKQR	122	>HNF1A-R16.YTWYVCKQR	159	37
>HNF1A-R16.YTWYVRKQR	13	>HNF1A-R16.YTWYVCKQR	34	21
>HNF1A-R16.YTWYVRKQR	16	>HNF1A-R16.YTWYVCKQR	24	8
>HNF1A-R16.YTWYVRKQR	6	>HNF1A-R16.YTWYVCKQR	6	0
>HNF1A-R16.YTWYVRKQR	23	>HNF1A-R16.YTWYVCKQR	23	0
>HNF1A-R16.YTWYVRKQR	69	>HNF1A-R16.YTWYVCKQR	48	21
>HNF1A-R16.YTWYVRKQR	604	>HNF1A-R16.YTWYVCKQR	441	163
>HNF1A-R16.YTWYVRKQR	1031	>HNF1A-R16.YTWYVCKQR	418	613
>HNF1A-R16.YTWYVRKQR	302	>HNF1A-R16.YTWYVCKQR	198	104
>HNF1A-R16.LYTWYVRK	692	>HNF1A-R16.LYTWYVCK	417	275
>HNF1A-R16.LYTWYVRKQI	35	>HNF1A-R16.LYTWYVCKQI	124	89
>HNF1A-R16.LYTWYVRKQI	147	>HNF1A-R16.LYTWYVCKQI	186	39
>HNF1A-R16.LYTWYVRK	1169	>HNF1A-R16.LYTWYVCK	461	708
>HNF1A-R16.LYTWYVRK	258	>HNF1A-R16.LYTWYVCK	334	76
>HNF1A-R16.LYTWYVRKQI	99	>HNF1A-R16.LYTWYVCKQI	75	24
>HNF1A-R16.LYTWYVRKQ	463	>HNF1A-R16.LYTWYVCKQ	663	200
>HNF1A-R16.ALYTWYVVR	812	>HNF1A-R16.ALYTWYVVC	8	804
>HNF1A-R16.ALYTWYVVRK	152	>HNF1A-R16.ALYTWYVVC	636	484
>HNF1A-R16.ALYTWYVVRK	92	>HNF1A-R16.ALYTWYVVC	33	59
>HNF1A-R16.ALYTWYVVR	12918	>HNF1A-R16.ALYTWYVVC	92	12826

>HNF1A-R16.ALYTWYVR	7687	>HNF1A-R16.ALYTWYVC	139	7548
>HNF1A-R16.ALYTWYVRK	951	>HNF1A-R16.ALYTWYVCK	81	870
>HNF1A-R16.ALYTWYVR	1184	>HNF1A-R16.ALYTWYVC	12	1172
>HNF1A-R16.ALYTWYVRK	30	>HNF1A-R16.ALYTWYVCK	146	116
>HNF1A-R16.ALYTWYVRK	30	>HNF1A-R16.ALYTWYVCK	8	22
>HNF1A-R16.ALYTWYVR	114	>HNF1A-R16.ALYTWYVC	17231	17117
>HNF1A-R16.ALYTWYVRK	25	>HNF1A-R16.ALYTWYVCK	29	4
>HNF1A-R16.ALYTWYVRK	92	>HNF1A-R16.ALYTWYVCK	113	21
>HNF1A-R16.ALYTWYVR	112	>HNF1A-R16.ALYTWYVC	19457	19345
>HNF1A-R16.ALYTWYVRK	12	>HNF1A-R16.ALYTWYVCK	14	2
>HNF1A-R16.ALYTWYVRK	472	>HNF1A-R16.ALYTWYVCK	559	87
>HNF1A-R16.ALYTWYVRK	288	>HNF1A-R16.ALYTWYVCK	500	212
>HNF1A-R16.ALYTWYVR	11	>HNF1A-R16.ALYTWYVC	10735	10724
>HNF1A-R16.ALYTWYVRK	80	>HNF1A-R16.ALYTWYVCK	92	12
>HNF1A-R16.ALYTWYVRK	17	>HNF1A-R16.ALYTWYVCK	38	21
>HNF1A-R16.ALYTWYVR	340	>HNF1A-R16.ALYTWYVC	33275	32935
>HNF1A-R16.ALYTWYVR	413	>HNF1A-R16.ALYTWYVC	41394	40981
>HNF1A-R16.ALYTWYVRK	468	>HNF1A-R16.ALYTWYVCK	481	13
>HNF1A-R16.ALYTWYVRK	416	>HNF1A-R16.ALYTWYVCK	511	95
>HNF1A-R16.ALYTWYVR	121	>HNF1A-R16.ALYTWYVC	31137	31016
>HNF1A-R16.ALYTWYVRK	436	>HNF1A-R16.ALYTWYVCK	579	143
>HNF1A-R16.AALYTWYVRI	57	>HNF1A-R16.AALYTWYVCI	65	8
>HNF1A-R16.AALYTWYVRI	18	>HNF1A-R16.AALYTWYVCI	21	3
>HNF1A-R16.AALYTWYVRI	32	>HNF1A-R16.AALYTWYVCI	49	17
>HNF1A-R16.AALYTWYVR	11	>HNF1A-R16.AALYTWYVC	12881	12870
>HNF1A-R16.AALYTWYVRI	617	>HNF1A-R16.AALYTWYVCI	391	226
>HNF1A-R16.AALYTWYVR	438	>HNF1A-R16.AALYTWYVC	36900	36462
>HNF1A-R16.AALYTWYVR	278	>HNF1A-R16.AALYTWYVC	41478	41200
>HNF1A-R16.AALYTWYVR	131	>HNF1A-R16.AALYTWYVC	4328	4197
>HNF1A-R16.AALYTWYVRI	91	>HNF1A-R16.AALYTWYVCI	111	20
>HNF1A-R16.RAALYTWYVI	128	>HNF1A-R16.RAALYTWYVI	301	173
>HNF1A-R16.RAALYTWYVI	153	>HNF1A-R16.RAALYTWYVI	30186	30033
>HNF1A-R16.RAALYTWYVI	19	>HNF1A-R16.RAALYTWYVI	22	3
>HNF1A-R16.RAALYTWYVI	79	>HNF1A-R16.RAALYTWYVI	135	56
>HNF1A-R16.RAALYTWYVI	15	>HNF1A-R16.RAALYTWYVI	11444	11429
>HNF1A-R16.RAALYTWYVI	57	>HNF1A-R16.RAALYTWYVI	71	14
>HNF1A-R16.RAALYTWYVI	49	>HNF1A-R16.RAALYTWYVI	32177	32128
>HNF1A-R16.RAALYTWYVI	330	>HNF1A-R16.RAALYTWYVI	227	103
>HNF1A-R16.RAALYTWYVI	454	>HNF1A-R16.RAALYTWYVI	629	175
>HNF1A-R16.RAALYTWYVI	40	>HNF1A-R16.RAALYTWYVI	28255	28215
>HNF1A-R16.RAALYTWYVI	471	>HNF1A-R16.RAALYTWYVI	802	331
>HNF1A-R20.RFKWGPASQ	227	>HNF1A-R20.CFKWGPASQ	790	563
>HNF1A-R20.RFKWGPASQ	76	>HNF1A-R20.CFKWGPASQ	115	39

>HNF1A-R20 RFKWGPAS	265	>HNF1A-R20 CFKWGPAS	8394	8129
>HNF1A-R20 RFKWGPASQ	167	>HNF1A-R20 CFKWGPASQ	7252	7085
>HNF1A-R20 RFKWGPASQ	18	>HNF1A-R20 CFKWGPASQ	1264	1246
>HNF1A-R20 RFKWGPASQ	351	>HNF1A-R20 CFKWGPASQ	1355	1004
>HNF1A-R20 RFKWGPASQ	412	>HNF1A-R20 CFKWGPASQ	1215	803
>HNF1A-R20 NRFKWGPA	325	>HNF1A-R20 NCFKWGPA	24802	24477
>HNF1A-R20 NRFKWGPA	97	>HNF1A-R20 NCFKWGPA	15251	15154
>HNF1A-R20 NRFKWGPAS	157	>HNF1A-R20 NCFKWGPAS	19262	19105
>HNF1A-R20 NRFKWGPAS	413	>HNF1A-R20 NCFKWGPAS	24936	24523
>HNF1A-R20 NRFKWGPAS	394	>HNF1A-R20 NCFKWGPAS	24731	24337
>HNF1A-R20 RNRFKWGPA	7	>HNF1A-R20 RNCFKWGPA	1034	1027
>HNF1A-R20 RNRFKWGPA	77	>HNF1A-R20 RNCFKWGPA	8107	8030
>HNF1A-R20 RNRFKWGPA	69	>HNF1A-R20 RNCFKWGPA	7582	7513
>HNF1A-R20 RRNRFKWGP	196	>HNF1A-R20 RRNCFKWGP	189	7
>HNF1A-R20 RRNRFKWGP	47	>HNF1A-R20 RRNCFKWGP	96	49
>HNF1A-R20 RRNRFKWGP	214	>HNF1A-R20 RRNCFKWGP	210	4
>HNF1A-R20 RRNRFKWG	32	>HNF1A-R20 RRNCFKWG	45	13
>HNF1A-R20 RRNRFKWGP	353	>HNF1A-R20 RRNCFKWGP	452	99
>HNF1A-R20 RRNRFKWGP	176	>HNF1A-R20 RRNCFKWGP	274	98
>HNF1A-R20 RRNRFKWGP	222	>HNF1A-R20 RRNCFKWGP	274	52
>HNF1A-R20 RRNRFKWG	480	>HNF1A-R20 RRNCFKWG	705	225
>HNF1A-R20 RRNRFKWGP	112	>HNF1A-R20 RRNCFKWGP	249	137
>HNF1A-R20 GRRNRFKW	975	>HNF1A-R20 GRRNCFKW	401	574
>HNF1A-R20 KGRRNRFK	420	>HNF1A-R20 KGRRNCFK	351	69
>HNF1A-R20 KGRRNRFK	3	>HNF1A-R20 KGRRNCFK	3	0
>HNF1A-R20 KGRRNRFKW	114	>HNF1A-R20 KGRRNCFKW	628	514
>HNF1A-R20 KGRRNRFK	194	>HNF1A-R20 KGRRNCFK	208	14
>HNF1A-R20 KGRRNRFKW	326	>HNF1A-R20 KGRRNCFKW	254	72
>HNF1A-R20 KGRRNRFKW	50	>HNF1A-R20 KGRRNCFKW	62	12
>HNF1A-R20 KGRRNRFKW	50	>HNF1A-R20 KGRRNCFKW	53	3
>HNF1A-R20 KKGRRRNFK	210	>HNF1A-R20 KKGRRRNCFK	85	125
>HNF1A-R20 KKGRRRNRF	33	>HNF1A-R20 KKGRRRNCF	13	20
>HNF1A-R20 TTKGRRRNFK	148	>HNF1A-R20 TTKGRRRNCFK	91	57
>HNF1A-R20 TTKGRRRNRF	311	>HNF1A-R20 TTKGRRRNCF	85	226
>HNF1A-R20 PTKKGRRRNRF	7	>HNF1A-R20 PTKKGRRRNCF	6	1
>HNF1A-R20 PTKKGRRRNR	470	>HNF1A-R20 PTKKGRRRNC	23887	23417
>HNF1A-R20 LPTKKGRRRNR	39	>HNF1A-R20 LPTKKGRRRNC	60	21
>HNF1A-R20 LPTKKGRRRNR	942	>HNF1A-R20 LPTKKGRRRNC	362	580
>HNF1A-R20 LPTKKGRRRNR	664	>HNF1A-R20 LPTKKGRRRNC	349	315
>HNF1A-R20 LPTKKGRRRNR	249	>HNF1A-R20 LPTKKGRRRNC	469	220
>HNF1A-R20 LPTKKGRRRNR	490	>HNF1A-R20 LPTKKGRRRNC	331	159
>HNF1A-R22' RETLVEECNR	114	>HNF1A-R22' GETLVEECNR	149	35
>HNF1A-R22' EERETLVEECI	1004	>HNF1A-R22' EEGETLVEECI	488	516

>HNF1A-R22 KEERETLV	386	>HNF1A-R22 KEEGETLV	510	124
>HNF1A-R22 KEERETLV	1034	>HNF1A-R22 KEEGETLV	139	895
>HNF1A-R22 NPSKEERETL	267	>HNF1A-R22 NPSKEEGETL	361	94
>HNF1A-R22 RQKNPSKEEF	45	>HNF1A-R22 RQKNPSKEEC	25148	25103
>HNF1A-R22 RQKNPSKEEF	95	>HNF1A-R22 RQKNPSKEEC	1616	1521
>HNF1A-R22 RETLVEECNR	114	>HNF1A-R22 QETLVEECNR	88	26
>HNF1A-R22 EERETLVEEC	1579	>HNF1A-R22 EEQETLVEEC	347	1232
>HNF1A-R22 EERETLVEECI	1004	>HNF1A-R22 EEQETLVEECI	350	654
>HNF1A-R22 KEERETLV	386	>HNF1A-R22 KEEQETLV	206	180
>HNF1A-R22 KEERETLVEEC	1040	>HNF1A-R22 KEEQETLVEEC	472	568
>HNF1A-R22 NPSKEERETL	267	>HNF1A-R22 NPSKEEQETL	259	8
>HNF1A-R22 RQKNPSKEEF	45	>HNF1A-R22 RQKNPSKEEC	15746	15701
>HNF1A-R22 RQKNPSKEEF	95	>HNF1A-R22 RQKNPSKEEC	406	311
>HNF1A-R24 RGVSPSQAQI	83	>HNF1A-R24 GGVSPSQAQ	4143	4060
>HNF1A-R24 EECNRAECIQ	340	>HNF1A-R24 EECNRAECIQ	40970	40630
>HNF1A-R24 IQRGVSPSQA	260	>HNF1A-R24 IQGGVSPSQA	14809	14549
>HNF1A-R24 IQRGVSPSQ	403	>HNF1A-R24 IQGGVSPSQ	1081	678
>HNF1A-R24 IQRGVSPSQA	303	>HNF1A-R24 IQGGVSPSQA	884	581
>HNF1A-R24 IQRGVSPSQA	358	>HNF1A-R24 IQGGVSPSQA	3936	3578
>HNF1A-R24 IQRGVSPSQA	464	>HNF1A-R24 IQGGVSPSQA	3405	2941
>HNF1A-R24 CIQRGVSPSQ	850	>HNF1A-R24 CIQGGVSPSC	440	410
>HNF1A-R24 AECIQRGV	644	>HNF1A-R24 AECIQGGV	455	189
>HNF1A-R24 AECIQRGV	84	>HNF1A-R24 AECIQGGV	113	29
>HNF1A-R24 AECIQRGVSP	327	>HNF1A-R24 AECIQGGVSP	271	56
>HNF1A-R26 RVYNWFANR	32	>HNF1A-R26 CVYNWFANR	87	55
>HNF1A-R26 RVYNWFANR	137	>HNF1A-R26 CVYNWFANR	960	823
>HNF1A-R26 RVYNWFANR	28	>HNF1A-R26 CVYNWFANR	48	20
>HNF1A-R26 RVYNWFANR	13	>HNF1A-R26 CVYNWFANR	29	16
>HNF1A-R26 RVYNWFANR	256	>HNF1A-R26 CVYNWFANR	820	564
>HNF1A-R26 RVYNWFANR	17	>HNF1A-R26 CVYNWFANR	40	23
>HNF1A-R26 RVYNWFANR	262	>HNF1A-R26 CVYNWFANR	8746	8484
>HNF1A-R26 RVYNWFANR	8	>HNF1A-R26 CVYNWFANR	365	357
>HNF1A-R26 RVYNWFAN	468	>HNF1A-R26 CVYNWFAN	6215	5747
>HNF1A-R26 RVYNWFANR	5	>HNF1A-R26 CVYNWFANR	7	2
>HNF1A-R26 RVYNWFANR	4	>HNF1A-R26 CVYNWFANR	11	7
>HNF1A-R26 RVYNWFANR	38	>HNF1A-R26 CVYNWFANR	503	465
>HNF1A-R26 RVYNWFANR	50	>HNF1A-R26 CVYNWFANR	22	28
>HNF1A-R26 RVYNWFANR	819	>HNF1A-R26 CVYNWFANR	209	610
>HNF1A-R26 RVYNWFANR	39	>HNF1A-R26 CVYNWFANR	13	26
>HNF1A-R26 RVYNWFANR	57	>HNF1A-R26 CVYNWFANR	37	20
>HNF1A-R26 RVYNWFANR	390	>HNF1A-R26 CVYNWFANR	92	298
>HNF1A-R26 RVYNWFANR	289	>HNF1A-R26 CVYNWFANR	340	51
>HNF1A-R26 RVYNWFANR	34	>HNF1A-R26 CVYNWFANR	53	19

>HNF1A-R26 RVYNWFANR	34	>HNF1A-R26 CVYNWFANR	66	32
>HNF1A-R26 VRVYNWFAN	188	>HNF1A-R26 VCVYNWFAN	126	62
>HNF1A-R26 VRVYNWFAN	80	>HNF1A-R26 VCVYNWFAN	27742	27662
>HNF1A-R26 VRVYNWFAN	374	>HNF1A-R26 VCVYNWFAN	32461	32087
>HNF1A-R26 VRVYNWFAN	474	>HNF1A-R26 VCVYNWFAN	209	265
>HNF1A-R26 VRVYNWFAN	922	>HNF1A-R26 VCVYNWFAN	321	601
>HNF1A-R26 GLGSNLVTEV	11423	>HNF1A-R26 GLGSNLVTEV	185	11238
>HNF1A-R26 GLGSNLVTEV	15609	>HNF1A-R26 GLGSNLVTEV	230	15379
>HNF1A-R26 GLGSNLVTEV	11595	>HNF1A-R26 GLGSNLVTEV	270	11325
>HNF1A-R26 EVRVYNWF	22	>HNF1A-R26 EVCVYNWF	11	11
>HNF1A-R26 EVRVYNWF	175	>HNF1A-R26 EVCVYNWF	243	68
>HNF1A-R26 EVRVYNWFA	402	>HNF1A-R26 EVCVYNWFA	12138	11736
>HNF1A-R26 EVRVYNWFA	28	>HNF1A-R26 EVCVYNWFA	48	20
>HNF1A-R26 EVRVYNWFA	8	>HNF1A-R26 EVCVYNWFA	10	2
>HNF1A-R26 EVRVYNWFA	9	>HNF1A-R26 EVCVYNWFA	4	5
>HNF1A-R26 EVRVYNWFA	205	>HNF1A-R26 EVCVYNWFA	29	176
>HNF1A-R26 EVRVYNWFA	263	>HNF1A-R26 EVCVYNWFA	83	180
>HNF1A-R26 EVRVYNWFA	444	>HNF1A-R26 EVCVYNWFA	185	259
>HNF1A-R26 TEVRVYNWF	65	>HNF1A-R26 TEVCVYNWF	406	341
>HNF1A-R26 TEVRVYNWF	435	>HNF1A-R26 TEVCVYNWF	1535	1100
>HNF1A-R26 TEVRVYNWF	564	>HNF1A-R26 TEVCVYNWF	387	177
>HNF1A-R26 TEVRVYNW	226	>HNF1A-R26 TEVCVYNW	99	127
>HNF1A-R26 TEVRVYNWF	112	>HNF1A-R26 TEVCVYNWF	60	52
>HNF1A-R26 TEVRVYNWF	226	>HNF1A-R26 TEVCVYNWF	140	86
>HNF1A-R26 TEVRVYNW	68	>HNF1A-R26 TEVCVYNW	51	17
>HNF1A-R26 TEVRVYNWF	475	>HNF1A-R26 TEVCVYNWF	183	292
>HNF1A-R26 TEVRVYNW	27	>HNF1A-R26 TEVCVYNW	20	7
>HNF1A-R26 TEVRVYNWF	55	>HNF1A-R26 TEVCVYNWF	53	2
>HNF1A-R26 TEVRVYNWF	514	>HNF1A-R26 TEVCVYNWF	322	192
>HNF1A-R26 TEVRVYNWF	316	>HNF1A-R26 TEVCVYNWF	626	310
>HNF1A-R26 TEVRVYNWF	292	>HNF1A-R26 TEVCVYNWF	250	42
>HNF1A-R26 TEVRVYNWF	85	>HNF1A-R26 TEVCVYNWF	87	2
>HNF1A-R26 TEVRVYNW	165	>HNF1A-R26 TEVCVYNW	201	36
>HNF1A-R26 VTEVRVYNW	246	>HNF1A-R26 VTEVCVYNW	326	80
>HNF1A-R26 VTEVRVYNW	8	>HNF1A-R26 VTEVCVYNW	9	1
>HNF1A-R26 VTEVRVYNW	38	>HNF1A-R26 VTEVCVYNW	39	1
>HNF1A-R26 VTEVRVYNW	1379	>HNF1A-R26 VTEVCVYNW	111	1268
>HNF1A-R26 VTEVRVYNW	160	>HNF1A-R26 VTEVCVYNW	80	80
>HNF1A-R26 VTEVRVYNW	143	>HNF1A-R26 VTEVCVYNW	63	80
>HNF1A-R26 VTEVRVYNW	177	>HNF1A-R26 VTEVCVYNW	86	91
>HNF1A-R26 VTEVRVYNW	28	>HNF1A-R26 VTEVCVYNW	48	20
>HNF1A-R26 VTEVRVYNW	286	>HNF1A-R26 VTEVCVYNW	115	171
>HNF1A-R26 LVTEVRVYNV	304	>HNF1A-R26 LVTEVCVYNV	321	17

>HNF1A-R26 LVTEVRVY	492	>HNF1A-R26 LVTEVCVY	929	437
>HNF1A-R26 LVTEVRVY	395	>HNF1A-R26 LVTEVCVY	533	138
>HNF1A-R26 LVTEVRVY	753	>HNF1A-R26 LVTEVCVY	263	490
>HNF1A-R26 LVTEVRVYNV	303	>HNF1A-R26 LVTEVCVYNV	394	91
>HNF1A-R26 LVTEVRVY	217	>HNF1A-R26 LVTEVCVY	137	80
>HNF1A-R26 LVTEVRVYNV	339	>HNF1A-R26 LVTEVCVYNV	397	58
>HNF1A-R26 LVTEVRVYNV	24	>HNF1A-R26 LVTEVCVYNV	22	2
>HNF1A-R26 LVTEVRVYNV	145	>HNF1A-R26 LVTEVCVYNV	97	48
>HNF1A-R26 LVTEVRVY	88	>HNF1A-R26 LVTEVCVY	274	186
>HNF1A-R26 LVTEVRVYNV	243	>HNF1A-R26 LVTEVCVYNV	162	81
>HNF1A-R26 NLVTEVRV	649	>HNF1A-R26 NLVTEVCV	446	203
>HNF1A-R26 NLVTEVRV	79	>HNF1A-R26 NLVTEVCV	73	6
>HNF1A-R26 NLVTEVRV	72	>HNF1A-R26 NLVTEVCV	194	122
>HNF1A-R26 NLVTEVRV	583	>HNF1A-R26 NLVTEVCV	337	246
>HNF1A-R26 NLVTEVRV	28	>HNF1A-R26 NLVTEVCV	61	33
>HNF1A-R26 NLVTEVRV	60	>HNF1A-R26 NLVTEVCV	20	40
>HNF1A-R26 NLVTEVRV	107	>HNF1A-R26 NLVTEVCV	30	77
>HNF1A-R26 NLVTEVRV	167	>HNF1A-R26 NLVTEVCV	38	129
>HNF1A-R26 NLVTEVRV	9	>HNF1A-R26 NLVTEVCV	14	5
>HNF1A-R26 NLVTEVRVY	102	>HNF1A-R26 NLVTEVCVY	196	94
>HNF1A-R26 NLVTEVRVY	407	>HNF1A-R26 NLVTEVCVY	110	297
>HNF1A-R26 NLVTEVRVY	1151	>HNF1A-R26 NLVTEVCVY	456	695
>HNF1A-R26 NLVTEVRVY	428	>HNF1A-R26 NLVTEVCVY	2887	2459
>HNF1A-R26 SNLVTEVRVY	728	>HNF1A-R26 SNLVTEVCVY	381	347
>HNF1A-R26 GSNLVTEVRV	390	>HNF1A-R26 GSNLVTEVCV	457	67
>HNF1A-R26 GSNLVTEVR	133	>HNF1A-R26 GSNLVTEVC	18865	18732
>HNF1A-R26 GSNLVTEVR	213	>HNF1A-R26 GSNLVTEVC	39844	39631
>HNF1A-R26 GSNLVTEVRV	293	>HNF1A-R26 GSNLVTEVCV	118	175
>HNF1A-R26 GSNLVTEVRV	155	>HNF1A-R26 GSNLVTEVCV	82	73
>HNF1A-R26 GSNLVTEVRV	1613	>HNF1A-R26 GSNLVTEVCV	164	1449
>HNF1A-R26 GSNLVTEVRV	99	>HNF1A-R26 GSNLVTEVCV	158	59
>HNF1A-R26 RVYNWFANR	32	>HNF1A-R26 HVYNWFANF	44	12
>HNF1A-R26 RVYNWFANR	137	>HNF1A-R26 HVYNWFANF	618	481
>HNF1A-R26 RVYNWFANR	28	>HNF1A-R26 HVYNWFANF	33	5
>HNF1A-R26 RVYNWFANR	13	>HNF1A-R26 HVYNWFANF	29	16
>HNF1A-R26 RVYNWFANR	256	>HNF1A-R26 HVYNWFANF	939	683
>HNF1A-R26 RVYNWFANR	17	>HNF1A-R26 HVYNWFANF	37	20
>HNF1A-R26 RVYNWFANR	262	>HNF1A-R26 HVYNWFANF	1085	823
>HNF1A-R26 RVYNWFANR	8	>HNF1A-R26 HVYNWFANF	17	9
>HNF1A-R26 RVYNWFAN	468	>HNF1A-R26 HVYNWFAN	1896	1428
>HNF1A-R26 RVYNWFANR	5	>HNF1A-R26 HVYNWFANF	5	0
>HNF1A-R26 RVYNWFANR	4	>HNF1A-R26 HVYNWFANF	11	7
>HNF1A-R26 RVYNWFANR	38	>HNF1A-R26 HVYNWFANF	115	77

>HNF1A-R26 RVYNWFANR	50	>HNF1A-R26 HVYNWFANF	8	42
>HNF1A-R26 RVYNWFANR	819	>HNF1A-R26 HVYNWFANF	289	530
>HNF1A-R26 RVYNWFANR	39	>HNF1A-R26 HVYNWFANF	5	34
>HNF1A-R26 RVYNWFANR	57	>HNF1A-R26 HVYNWFANF	11	46
>HNF1A-R26 RVYNWFANR	390	>HNF1A-R26 HVYNWFANF	29	361
>HNF1A-R26 RVYNWFANR	289	>HNF1A-R26 HVYNWFANF	454	165
>HNF1A-R26 RVYNWFANR	34	>HNF1A-R26 HVYNWFANF	27	7
>HNF1A-R26 RVYNWFANR	34	>HNF1A-R26 HVYNWFANF	31	3
>HNF1A-R26 VRVYNWFAN	188	>HNF1A-R26 VHVYNWFAN	424	236
>HNF1A-R26 VRVYNWFAN	80	>HNF1A-R26 VHVYNWFAN	7460	7380
>HNF1A-R26 VRVYNWFAN	374	>HNF1A-R26 VHVYNWFAN	24196	23822
>HNF1A-R26 VRVYNWFAN	474	>HNF1A-R26 VHVYNWFAN	480	6
>HNF1A-R26 EVRVYNWF	526	>HNF1A-R26 EVHVYNWF	170	356
>HNF1A-R26 EVRVYNWF	22	>HNF1A-R26 EVHVYNWF	14	8
>HNF1A-R26 EVRVYNWF	175	>HNF1A-R26 EVHVYNWF	169	6
>HNF1A-R26 EVRVYNWFA	402	>HNF1A-R26 EVHVYNWFA	3732	3330
>HNF1A-R26 EVRVYNWFA	28	>HNF1A-R26 EVHVYNWFA	37	9
>HNF1A-R26 EVRVYNWFA	8	>HNF1A-R26 EVHVYNWFA	13	5
>HNF1A-R26 EVRVYNWFA	9	>HNF1A-R26 EVHVYNWFA	4	5
>HNF1A-R26 EVRVYNWFA	205	>HNF1A-R26 EVHVYNWFA	13	192
>HNF1A-R26 EVRVYNWFA	263	>HNF1A-R26 EVHVYNWFA	58	205
>HNF1A-R26 EVRVYNWFA	444	>HNF1A-R26 EVHVYNWFA	181	263
>HNF1A-R26 TEVRVYNWF	65	>HNF1A-R26 TEVHVYNWF	80	15
>HNF1A-R26 TEVRVYNWF	435	>HNF1A-R26 TEVHVYNWF	453	18
>HNF1A-R26 TEVRVYNW	226	>HNF1A-R26 TEVHVYNW	233	7
>HNF1A-R26 TEVRVYNWF	112	>HNF1A-R26 TEVHVYNWF	174	62
>HNF1A-R26 TEVRVYNWF	226	>HNF1A-R26 TEVHVYNWF	155	71
>HNF1A-R26 TEVRVYNWF	505	>HNF1A-R26 TEVHVYNWF	321	184
>HNF1A-R26 TEVRVYNW	68	>HNF1A-R26 TEVHVYNW	65	3
>HNF1A-R26 TEVRVYNWF	475	>HNF1A-R26 TEVHVYNWF	403	72
>HNF1A-R26 TEVRVYNWF	1097	>HNF1A-R26 TEVHVYNWF	411	686
>HNF1A-R26 TEVRVYNW	27	>HNF1A-R26 TEVHVYNW	19	8
>HNF1A-R26 TEVRVYNWF	55	>HNF1A-R26 TEVHVYNWF	43	12
>HNF1A-R26 TEVRVYNWF	514	>HNF1A-R26 TEVHVYNWF	223	291
>HNF1A-R26 TEVRVYNWF	316	>HNF1A-R26 TEVHVYNWF	310	6
>HNF1A-R26 TEVRVYNWF	292	>HNF1A-R26 TEVHVYNWF	404	112
>HNF1A-R26 TEVRVYNWF	85	>HNF1A-R26 TEVHVYNWF	187	102
>HNF1A-R26 TEVRVYNW	165	>HNF1A-R26 TEVHVYNW	69	96
>HNF1A-R26 VTEVRVYNW	246	>HNF1A-R26 VTEVHVYNW	274	28
>HNF1A-R26 VTEVRVYNW	8	>HNF1A-R26 VTEVHVYNW	8	0
>HNF1A-R26 VTEVRVYNW	38	>HNF1A-R26 VTEVHVYNW	32	6
>HNF1A-R26 VTEVRVYNW	160	>HNF1A-R26 VTEVHVYNW	281	121
>HNF1A-R26 VTEVRVYNW	143	>HNF1A-R26 VTEVHVYNW	73	70

>HNF1A-R26 VTEVRVYNW	177	>HNF1A-R26.VTEVHVYNW	75	102
>HNF1A-R26 VTEVRVYNW	28	>HNF1A-R26.VTEVHVYNW	38	10
>HNF1A-R26 VTEVRVYNW	286	>HNF1A-R26.VTEVHVYNW	89	197
>HNF1A-R26 LVTEVRVYNV	304	>HNF1A-R26.LVTEVHVYNV	245	59
>HNF1A-R26 LVTEVRVY	492	>HNF1A-R26.LVTEVHVY	162	330
>HNF1A-R26 LVTEVRVYNV	608	>HNF1A-R26.LVTEVHVYNV	388	220
>HNF1A-R26 LVTEVRVY	690	>HNF1A-R26.LVTEVHVY	98	592
>HNF1A-R26 LVTEVRVY	395	>HNF1A-R26.LVTEVHVY	89	306
>HNF1A-R26 LVTEVRVY	2409	>HNF1A-R26.LVTEVHVY	220	2189
>HNF1A-R26 LVTEVRVY	753	>HNF1A-R26.LVTEVHVY	442	311
>HNF1A-R26 LVTEVRVYNV	303	>HNF1A-R26.LVTEVHVYNV	174	129
>HNF1A-R26 LVTEVRVY	217	>HNF1A-R26.LVTEVHVY	90	127
>HNF1A-R26 LVTEVRVYNV	339	>HNF1A-R26.LVTEVHVYNV	301	38
>HNF1A-R26 LVTEVRVY	4731	>HNF1A-R26.LVTEVHVY	319	4412
>HNF1A-R26 LVTEVRVYNV	24	>HNF1A-R26.LVTEVHVYNV	19	5
>HNF1A-R26 LVTEVRVYNV	939	>HNF1A-R26.LVTEVHVYNV	395	544
>HNF1A-R26 LVTEVRVYNV	145	>HNF1A-R26.LVTEVHVYNV	109	36
>HNF1A-R26 LVTEVRVY	88	>HNF1A-R26.LVTEVHVY	109	21
>HNF1A-R26 LVTEVRVYNV	243	>HNF1A-R26.LVTEVHVYNV	123	120
>HNF1A-R26 NLVTEVRV	649	>HNF1A-R26.NLVTEVHV	331	318
>HNF1A-R26 NLVTEVRV	79	>HNF1A-R26.NLVTEVHV	37	42
>HNF1A-R26 NLVTEVRV	72	>HNF1A-R26.NLVTEVHV	47	25
>HNF1A-R26 NLVTEVRV	583	>HNF1A-R26.NLVTEVHV	63	520
>HNF1A-R26 NLVTEVRV	28	>HNF1A-R26.NLVTEVHV	25	3
>HNF1A-R26 NLVTEVRV	60	>HNF1A-R26.NLVTEVHV	13	47
>HNF1A-R26 NLVTEVRV	107	>HNF1A-R26.NLVTEVHV	22	85
>HNF1A-R26 NLVTEVRV	167	>HNF1A-R26.NLVTEVHV	77	90
>HNF1A-R26 NLVTEVRV	9	>HNF1A-R26.NLVTEVHV	7	2
>HNF1A-R26 NLVTEVRVY	102	>HNF1A-R26.NLVTEVHVY	37	65
>HNF1A-R26 NLVTEVRVY	3560	>HNF1A-R26.NLVTEVHVY	423	3137
>HNF1A-R26 NLVTEVRVY	2675	>HNF1A-R26.NLVTEVHVY	148	2527
>HNF1A-R26 NLVTEVRV	800	>HNF1A-R26.NLVTEVHV	459	341
>HNF1A-R26 NLVTEVRVY	3658	>HNF1A-R26.NLVTEVHVY	285	3373
>HNF1A-R26 NLVTEVRVY	407	>HNF1A-R26.NLVTEVHVY	288	119
>HNF1A-R26 NLVTEVRVY	796	>HNF1A-R26.NLVTEVHVY	465	331
>HNF1A-R26 NLVTEVRVY	428	>HNF1A-R26.NLVTEVHVY	216	212
>HNF1A-R26 GSNLVTEVRV	1882	>HNF1A-R26.GSNLVTEVHV	317	1565
>HNF1A-R26 GSNLVTEVRV	390	>HNF1A-R26.GSNLVTEVHV	68	322
>HNF1A-R26 GSNLVTEVR	133	>HNF1A-R26.GSNLVTEVH	9179	9046
>HNF1A-R26 GSNLVTEVR	213	>HNF1A-R26.GSNLVTEVH	20601	20388
>HNF1A-R26 GSNLVTEVRV	293	>HNF1A-R26.GSNLVTEVHV	233	60
>HNF1A-R26 GSNLVTEVRV	155	>HNF1A-R26.GSNLVTEVHV	97	58
>HNF1A-R26 GSNLVTEVRV	1613	>HNF1A-R26.GSNLVTEVHV	100	1513



>HNF1A-R26 GSNLVTEVRV	99	>HNF1A-R26 GSNLVTEVHV	90	9
>HNF1A-R27 RRKEEAFRHK	63	>HNF1A-R27 WRKEEAFRH	9899	9836
>HNF1A-R27 RRKEEAFRHK	479	>HNF1A-R27 WRKEEAFRH	1140	661
>HNF1A-R27 RRKEEAFR	217	>HNF1A-R27 WRKEEAFR	892	675
>HNF1A-R27 RRKEEAFRH	157	>HNF1A-R27 WRKEEAFRH	789	632
>HNF1A-R27 RRKEEAFRHK	34	>HNF1A-R27 WRKEEAFRH	141	107
>HNF1A-R27 RRKEEAFRHK	24	>HNF1A-R27 WRKEEAFRH	122	98
>HNF1A-R27 RRKEEAFRHK	90	>HNF1A-R27 WRKEEAFRH	636	546
>HNF1A-R27 RRKEEAFRHK	56	>HNF1A-R27 WRKEEAFRH	1174	1118
>HNF1A-R27 RRKEEAFRHK	55	>HNF1A-R27 WRKEEAFRH	185	130
>HNF1A-R27 RRKEEAFRHK	53	>HNF1A-R27 WRKEEAFRH	157	104
>HNF1A-R27 RRKEEAFR	138	>HNF1A-R27 WRKEEAFR	599	461
>HNF1A-R27 NRRKEEAF	21088	>HNF1A-R27 NWRKEEAF	194	20894
>HNF1A-R27 NRRKEEAFR	2147	>HNF1A-R27 NWRKEEAFR	299	1848
>HNF1A-R27 NRRKEEAFR	1692	>HNF1A-R27 NWRKEEAFR	89	1603
>HNF1A-R27 NRRKEEAF	81	>HNF1A-R27 NWRKEEAF	2130	2049
>HNF1A-R27 NRRKEEAFR	1589	>HNF1A-R27 NWRKEEAFR	22	1567
>HNF1A-R27 NRRKEEAFR	14145	>HNF1A-R27 NWRKEEAFR	181	13964
>HNF1A-R27 EVRVYNWFA	1574	>HNF1A-R27 EVRVYNWFA	47	1527
>HNF1A-R27 EVRVYNWFA	28	>HNF1A-R27 EVRVYNWFA	17597	17569
>HNF1A-R27 EVRVYNWFA	8	>HNF1A-R27 EVRVYNWFA	3388	3380
>HNF1A-R27 EVRVYNWFA	9	>HNF1A-R27 EVRVYNWFA	13376	13367
>HNF1A-R27 EVRVYNWFA	22565	>HNF1A-R27 EVRVYNWFA	389	22176
>HNF1A-R27 EVRVYNWFA	444	>HNF1A-R27 EVRVYNWFA	26075	25631
>HNF1A-R27 ANRRKEEAF	143	>HNF1A-R27 ANWRKEEAF	117	26
>HNF1A-R27 FANRRKEEAF	82	>HNF1A-R27 FANWRKEEA	65	17
>HNF1A-R27 FANRRKEEAF	72	>HNF1A-R27 FANWRKEEA	41	31
>HNF1A-R27 FANRRKEEAF	12	>HNF1A-R27 FANWRKEEA	7	5
>HNF1A-R27 FANRRKEEAF	63	>HNF1A-R27 FANWRKEEA	265	202
>HNF1A-R27 FANRRKEEAF	1267	>HNF1A-R27 FANWRKEEA	411	856
>HNF1A-R27 FANRRKEEAF	479	>HNF1A-R27 FANWRKEEA	937	458
>HNF1A-R27 WFANRRKEE	353	>HNF1A-R27 WFANWRKEE	101	252
>HNF1A-R27 WFANRRKEE	21	>HNF1A-R27 WFANWRKEE	20	1
>HNF1A-R27 WFANRRKEE	886	>HNF1A-R27 WFANWRKEE	249	637
>HNF1A-R27 NWFANRRK	63	>HNF1A-R27 NWFANWRK	22	41
>HNF1A-R27 NWFANRRK	585	>HNF1A-R27 NWFANWRK	258	327
>HNF1A-R27 NWFANRRKE	235	>HNF1A-R27 NWFANWRK	187	48
>HNF1A-R27 YNWFANRR	189	>HNF1A-R27 YNWFANWR	65	124
>HNF1A-R27 YNWFANRR	153	>HNF1A-R27 YNWFANWR	84	69
>HNF1A-R27 VYNWFANR	4933	>HNF1A-R27 VYNWFANW	236	4697
>HNF1A-R27 VYNWFANR	6244	>HNF1A-R27 VYNWFANW	192	6052
>HNF1A-R27 VYNWFANR	4518	>HNF1A-R27 VYNWFANW	44	4474
>HNF1A-R27 VYNWFANR	13	>HNF1A-R27 VYNWFANW	9953	9940

>HNF1A-R27 VYNWFANRR	52	>HNF1A-R27 VYNWFANW	32	20
>HNF1A-R27 VYNWFANRR	786	>HNF1A-R27 VYNWFANW	288	498
>HNF1A-R27 VYNWFANR	48	>HNF1A-R27 VYNWFANW	15007	14959
>HNF1A-R27 VYNWFANRR	247	>HNF1A-R27 VYNWFANW	126	121
>HNF1A-R27 VYNWFANRR	415	>HNF1A-R27 VYNWFANW	180	235
>HNF1A-R27 VYNWFANR	21	>HNF1A-R27 VYNWFANW	9794	9773
>HNF1A-R27 VYNWFANRR	20	>HNF1A-R27 VYNWFANW	21	1
>HNF1A-R27 VYNWFANRR	609	>HNF1A-R27 VYNWFANW	116	493
>HNF1A-R27 RVYNWFANR	32	>HNF1A-R27 RVYNWFANV	3845	3813
>HNF1A-R27 RVYNWFANR	137	>HNF1A-R27 RVYNWFANV	62	75
>HNF1A-R27 RVYNWFANR	28	>HNF1A-R27 RVYNWFANV	28	0
>HNF1A-R27 RVYNWFANR	13	>HNF1A-R27 RVYNWFANV	9156	9143
>HNF1A-R27 RVYNWFANR	256	>HNF1A-R27 RVYNWFANV	96	160
>HNF1A-R27 RVYNWFANR	17	>HNF1A-R27 RVYNWFANV	9	8
>HNF1A-R27 RVYNWFANR	2355	>HNF1A-R27 RVYNWFANV	34	2321
>HNF1A-R27 RVYNWFANR	2797	>HNF1A-R27 RVYNWFANV	313	2484
>HNF1A-R27 RVYNWFANR	262	>HNF1A-R27 RVYNWFANV	4999	4737
>HNF1A-R27 RVYNWFANR	8	>HNF1A-R27 RVYNWFANV	10	2
>HNF1A-R27 RVYNWFANR	5	>HNF1A-R27 RVYNWFANV	264	259
>HNF1A-R27 RVYNWFANR	4	>HNF1A-R27 RVYNWFANV	3	1
>HNF1A-R27 RVYNWFANR	38	>HNF1A-R27 RVYNWFANV	15	23
>HNF1A-R27 RVYNWFANR	769	>HNF1A-R27 RVYNWFANV	16	753
>HNF1A-R27 RVYNWFANR	50	>HNF1A-R27 RVYNWFANV	14689	14639
>HNF1A-R27 RVYNWFANR	819	>HNF1A-R27 RVYNWFANV	210	609
>HNF1A-R27 RVYNWFANR	39	>HNF1A-R27 RVYNWFANV	19368	19329
>HNF1A-R27 RVYNWFANR	57	>HNF1A-R27 RVYNWFANV	20	37
>HNF1A-R27 RVYNWFANR	390	>HNF1A-R27 RVYNWFANV	121	269
>HNF1A-R27 RVYNWFANR	11133	>HNF1A-R27 RVYNWFANV	354	10779
>HNF1A-R27 RVYNWFANR	10506	>HNF1A-R27 RVYNWFANV	10	10496
>HNF1A-R27 RVYNWFANR	23080	>HNF1A-R27 RVYNWFANV	66	23014
>HNF1A-R27 RVYNWFANR	20348	>HNF1A-R27 RVYNWFANV	11	20337
>HNF1A-R27 RVYNWFANR	5295	>HNF1A-R27 RVYNWFANV	268	5027
>HNF1A-R27 RVYNWFANR	30285	>HNF1A-R27 RVYNWFANV	92	30193
>HNF1A-R27 RVYNWFANR	23605	>HNF1A-R27 RVYNWFANV	36	23569
>HNF1A-R27 RVYNWFANR	658	>HNF1A-R27 RVYNWFANV	198	460
>HNF1A-R27 RVYNWFANR	289	>HNF1A-R27 RVYNWFANV	4492	4203
>HNF1A-R27 RVYNWFANR	806	>HNF1A-R27 RVYNWFANV	475	331
>HNF1A-R27 RVYNWFANR	676	>HNF1A-R27 RVYNWFANV	467	209
>HNF1A-R27 RVYNWFANR	34	>HNF1A-R27 RVYNWFANV	4683	4649
>HNF1A-R27 RVYNWFANR	34	>HNF1A-R27 RVYNWFANV	42	8
>HNF1A-R27 RVYNWFANR	672	>HNF1A-R27 RVYNWFANV	146	526
>HNF1A-R27 VRVYNWFAN	188	>HNF1A-R27 VRVYNWFAN	24201	24013
>HNF1A-R27 VRVYNWFAN	80	>HNF1A-R27 VRVYNWFAN	402	322

>HNF1A-R27 VRVYNWFAN	374	>HNF1A-R27 VRVYNWFAN	762	388
>HNF1A-R27 VRVYNWFAN	27390	>HNF1A-R27 VRVYNWFAN	395	26995
>HNF1A-R27 VRVYNWFAN	474	>HNF1A-R27 VRVYNWFAN	31749	31275
>HNF1A-R27 RKEEAFRHL	2357	>HNF1A-R27 HKEEAFRHL	273	2084
>HNF1A-R27 RRKEEAFRHK	63	>HNF1A-R27 RHKEEAFRHK	123	60
>HNF1A-R27 RRKEEAFR	1284	>HNF1A-R27 RHKEEAFR	230	1054
>HNF1A-R27 RRKEEAFRHK	479	>HNF1A-R27 RHKEEAFRHK	1193	714
>HNF1A-R27 RRKEEAFR	217	>HNF1A-R27 RHKEEAFR	12701	12484
>HNF1A-R27 RRKEEAFRH	157	>HNF1A-R27 RHKEEAFRH	14085	13928
>HNF1A-R27 RRKEEAFRHK	34	>HNF1A-R27 RHKEEAFRHK	3537	3503
>HNF1A-R27 RRKEEAFRHK	24	>HNF1A-R27 RHKEEAFRHK	7348	7324
>HNF1A-R27 RRKEEAFRHK	90	>HNF1A-R27 RHKEEAFRHK	10499	10409
>HNF1A-R27 RRKEEAFRHK	56	>HNF1A-R27 RHKEEAFRHK	1800	1744
>HNF1A-R27 RRKEEAFRHK	55	>HNF1A-R27 RHKEEAFRHK	10479	10424
>HNF1A-R27 RRKEEAFRHK	53	>HNF1A-R27 RHKEEAFRHK	3461	3408
>HNF1A-R27 RRKEEAFR	138	>HNF1A-R27 RHKEEAFR	153	15
>HNF1A-R27 NRRKEEAF	81	>HNF1A-R27 NRHKEEAF	137	56
>HNF1A-R27 ANRRKEEAF	143	>HNF1A-R27 ANRHKEEAF	87	56
>HNF1A-R27 FANRRKEEAF	82	>HNF1A-R27 FANRHKEEAF	84	2
>HNF1A-R27 FANRRKEEAF	72	>HNF1A-R27 FANRHKEEAF	157	85
>HNF1A-R27 FANRRKEEAF	12	>HNF1A-R27 FANRHKEEAF	11	1
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>HNF1A-R27 FANRRKEEAF	63	>HNF1A-R27 FANRHKEEAF	40	23
>HNF1A-R27 FANRRKEEAF	479	>HNF1A-R27 FANRHKEEAF	372	107
>HNF1A-R27 FANRRKEEAF	706	>HNF1A-R27 FANRHKEEAF	385	321
>HNF1A-R27 WFANRRKEE.	353	>HNF1A-R27 WFANRHKEE	288	65
>HNF1A-R27 WFANRRKEE.	21	>HNF1A-R27 WFANRHKEE	19	2
>HNF1A-R27 WFANRRKEE.	681	>HNF1A-R27 WFANRHKEE	407	274
>HNF1A-R27 WFANRRKEE.	886	>HNF1A-R27 WFANRHKEE	494	392
>HNF1A-R27 NWFANRRK	63	>HNF1A-R27 NWFANRHK	34	29
>HNF1A-R27 NWFANRRKE	626	>HNF1A-R27 NWFANRHK	290	336
>HNF1A-R27 NWFANRRKE	235	>HNF1A-R27 NWFANRHK	182	53
>HNF1A-R27 YNWFANRR	189	>HNF1A-R27 YNWFANRH	21924	21735
>HNF1A-R27 YNWFANRR	153	>HNF1A-R27 YNWFANRH	26064	25911
>HNF1A-R27 VYNWFANRR	1081	>HNF1A-R27 VYNWFANRH	403	678
>HNF1A-R27 VYNWFANRR	52	>HNF1A-R27 VYNWFANRH	8107	8055
>HNF1A-R27 VYNWFANRR	247	>HNF1A-R27 VYNWFANRH	26756	26509
>HNF1A-R27 VYNWFANRR	415	>HNF1A-R27 VYNWFANRH	24643	24228
>HNF1A-R27 VYNWFANRR	20	>HNF1A-R27 VYNWFANRH	11723	11703
>HNF1A-R27 VYNWFANRR	609	>HNF1A-R27 VYNWFANRH	325	284
>HNF1A-R27 RVYNWFANR	137	>HNF1A-R27 RVYNWFANR	2980	2843
>HNF1A-R27 RVYNWFANR	28	>HNF1A-R27 RVYNWFANR	28	0
>HNF1A-R27 RVYNWFANR	256	>HNF1A-R27 RVYNWFANR	11178	10922

>HNF1A-R27 RVYNWFANR	17	>HNF1A-R27 RVYNWFANR	19	2
>HNF1A-R27 RVYNWFANR	8	>HNF1A-R27 RVYNWFANR	6	2
>HNF1A-R27 RVYNWFANR	4	>HNF1A-R27 RVYNWFANR	279	275
>HNF1A-R27 RVYNWFANR	38	>HNF1A-R27 RVYNWFANR	23	15
>HNF1A-R27 RVYNWFANR	669	>HNF1A-R27 RVYNWFANR	468	201
>HNF1A-R27 RVYNWFANR	57	>HNF1A-R27 RVYNWFANR	12183	12126
>HNF1A-R27 RVYNWFANR	390	>HNF1A-R27 RVYNWFANR	392	2
>HNF1A-R27 RVYNWFANR	34	>HNF1A-R27 RVYNWFANR	5282	5248
>HNF1A-R27 RVYNWFANR	672	>HNF1A-R27 RVYNWFANR	356	316
>HNF1A-R27 RRKEEAFR	3641	>HNF1A-R27 RSKEEAFR	37	3604
>HNF1A-R27 RRKEEAFRHK	63	>HNF1A-R27 RSKEEAFRHK	4	59
>HNF1A-R27 RRKEEAFRHK	3896	>HNF1A-R27 RSKEEAFRHK	61	3835
>HNF1A-R27 RRKEEAFR	1284	>HNF1A-R27 RSKEEAFR	12	1272
>HNF1A-R27 RRKEEAFR	10844	>HNF1A-R27 RSKEEAFR	248	10596
>HNF1A-R27 RRKEEAFRHK	479	>HNF1A-R27 RSKEEAFRHK	1481	1002
>HNF1A-R27 RRKEEAFRH	24439	>HNF1A-R27 RSKEEAFRH	47	24392
>HNF1A-R27 RRKEEAFRHK	19710	>HNF1A-R27 RSKEEAFRHK	10	19700
>HNF1A-R27 RRKEEAFR	217	>HNF1A-R27 RSKEEAFR	13659	13442
>HNF1A-R27 RRKEEAFRH	157	>HNF1A-R27 RSKEEAFRH	16346	16189
>HNF1A-R27 RRKEEAFRHK	34	>HNF1A-R27 RSKEEAFRHK	14837	14803
>HNF1A-R27 RRKEEAFRHK	24	>HNF1A-R27 RSKEEAFRHK	9975	9951
>HNF1A-R27 RRKEEAFRHK	21395	>HNF1A-R27 RSKEEAFRHK	210	21185
>HNF1A-R27 RRKEEAFRHK	90	>HNF1A-R27 RSKEEAFRHK	11341	11251
>HNF1A-R27 RRKEEAFRHK	56	>HNF1A-R27 RSKEEAFRHK	3289	3233
>HNF1A-R27 RRKEEAFRHK	55	>HNF1A-R27 RSKEEAFRHK	11670	11615
>HNF1A-R27 RRKEEAFRHK	53	>HNF1A-R27 RSKEEAFRHK	6876	6823
>HNF1A-R27 RRKEEAFR	138	>HNF1A-R27 RSKEEAFR	232	94
>HNF1A-R27 NRRKEEAF	81	>HNF1A-R27 NRSKEEAF	201	120
>HNF1A-R27 ANRRKEEAF	143	>HNF1A-R27 ANRSKEEAF	69	74
>HNF1A-R27 FANRRKEEAF	82	>HNF1A-R27 FANRSKEEAF	124	42
>HNF1A-R27 FANRRKEEAF	72	>HNF1A-R27 FANRSKEEAF	168	96
>HNF1A-R27 FANRRKEEAF	12	>HNF1A-R27 FANRSKEEAF	8	4
>HNF1A-R27 FANRRKEEAF	601	>HNF1A-R27 FANRSKEEAF	280	321
>HNF1A-R27 FANRRKEEAF	63	>HNF1A-R27 FANRSKEEAF	20	43
>HNF1A-R27 FANRRKEEAF	1267	>HNF1A-R27 FANRSKEEAF	357	910
>HNF1A-R27 FANRRKEEAF	479	>HNF1A-R27 FANRSKEEAF	341	138
>HNF1A-R27 FANRRKEEAF	706	>HNF1A-R27 FANRSKEEAF	190	516
>HNF1A-R27 WFANRRKEE	353	>HNF1A-R27 WFANRSKEE	298	55
>HNF1A-R27 WFANRRKEE	21	>HNF1A-R27 WFANRSKEE	19	2
>HNF1A-R27 WFANRRKEE	681	>HNF1A-R27 WFANRSKEE	299	382
>HNF1A-R27 WFANRRKEE	886	>HNF1A-R27 WFANRSKEE	286	600
>HNF1A-R27 NWFANRRK	63	>HNF1A-R27 NWFANRSK	83	20
>HNF1A-R27 NWFANRRK	585	>HNF1A-R27 NWFANRSK	242	343

>HNF1A-R27 NWFANRRKE	235	>HNF1A-R27 NWFANRSKE	197	38
>HNF1A-R27 YNWFANRR	189	>HNF1A-R27 YNWFANRS	31339	31150
>HNF1A-R27 YNWFANRR	153	>HNF1A-R27 YNWFANRS	28165	28012
>HNF1A-R27 VYNWFANRR	1081	>HNF1A-R27 VYNWFANRS	405	676
>HNF1A-R27 VYNWFANRR	52	>HNF1A-R27 VYNWFANRS	16225	16173
>HNF1A-R27 VYNWFANRR	247	>HNF1A-R27 VYNWFANRS	31221	30974
>HNF1A-R27 VYNWFANRR	415	>HNF1A-R27 VYNWFANRS	34574	34159
>HNF1A-R27 VYNWFANRR	20	>HNF1A-R27 VYNWFANRS	15689	15669
>HNF1A-R27 RVYNWFANR	137	>HNF1A-R27 RVYNWFANR	11752	11615
>HNF1A-R27 RVYNWFANR	28	>HNF1A-R27 RVYNWFANR	27	1
>HNF1A-R27 RVYNWFANR	256	>HNF1A-R27 RVYNWFANR	29853	29597
>HNF1A-R27 RVYNWFANR	17	>HNF1A-R27 RVYNWFANR	14	3
>HNF1A-R27 RVYNWFANR	8	>HNF1A-R27 RVYNWFANR	6	2
>HNF1A-R27 RVYNWFANR	4	>HNF1A-R27 RVYNWFANR	3001	2997
>HNF1A-R27 RVYNWFANR	38	>HNF1A-R27 RVYNWFANR	43	5
>HNF1A-R27 RVYNWFANR	1569	>HNF1A-R27 RVYNWFANR	352	1217
>HNF1A-R27 RVYNWFANR	57	>HNF1A-R27 RVYNWFANR	30211	30154
>HNF1A-R27 RVYNWFANR	390	>HNF1A-R27 RVYNWFANR	331	59
>HNF1A-R27 RVYNWFANR	34	>HNF1A-R27 RVYNWFANR	8682	8648
>HNF1A-T26I TEVRVYNWF	65	>HNF1A-T26I MEVRVYNWI	51	14
>HNF1A-T26I TEVRVYNWF,	435	>HNF1A-T26I MEVRVYNWI	365	70
>HNF1A-T26I TEVRVYNWF	564	>HNF1A-T26I MEVRVYNWI	260	304
>HNF1A-T26I TEVRVYNWF	1040	>HNF1A-T26I MEVRVYNWI	135	905
>HNF1A-T26I TEVRVYNW	226	>HNF1A-T26I MEVRVYNW	74	152
>HNF1A-T26I TEVRVYNWF	112	>HNF1A-T26I MEVRVYNWI	36	76
>HNF1A-T26I TEVRVYNWF,	1281	>HNF1A-T26I MEVRVYNWI	455	826
>HNF1A-T26I TEVRVYNWF	226	>HNF1A-T26I MEVRVYNWI	99	127
>HNF1A-T26I TEVRVYNWF,	505	>HNF1A-T26I MEVRVYNWI	354	151
>HNF1A-T26I TEVRVYNW	68	>HNF1A-T26I MEVRVYNW	68	0
>HNF1A-T26I TEVRVYNWF	475	>HNF1A-T26I MEVRVYNWI	456	19
>HNF1A-T26I TEVRVYNWF,	1097	>HNF1A-T26I MEVRVYNWI	379	718
>HNF1A-T26I TEVRVYNW	27	>HNF1A-T26I MEVRVYNW	12	15
>HNF1A-T26I TEVRVYNWF	55	>HNF1A-T26I MEVRVYNWI	21	34
>HNF1A-T26I TEVRVYNWF,	514	>HNF1A-T26I MEVRVYNWI	238	276
>HNF1A-T26I TEVRVYNWF,	1469	>HNF1A-T26I MEVRVYNWI	426	1043
>HNF1A-T26I TEVRVYNWF	1380	>HNF1A-T26I MEVRVYNWI	310	1070
>HNF1A-T26I TEVRVYNWF,	316	>HNF1A-T26I MEVRVYNWI	94	222
>HNF1A-T26I TEVRVYNWF,	292	>HNF1A-T26I MEVRVYNWI	55	237
>HNF1A-T26I TEVRVYNW	3611	>HNF1A-T26I MEVRVYNW	367	3244
>HNF1A-T26I TEVRVYNW	4302	>HNF1A-T26I MEVRVYNW	365	3937
>HNF1A-T26I TEVRVYNWF,	85	>HNF1A-T26I MEVRVYNWI	47	38
>HNF1A-T26I TEVRVYNW	165	>HNF1A-T26I MEVRVYNW	75	90
>HNF1A-T26I TEVRVYNW	19190	>HNF1A-T26I MEVRVYNW	288	18902

>HNF1A-T26 VTEVRVYNW	246	>HNF1A-T26 VMEVRVYNV	1221	975
>HNF1A-T26 VTEVRVYNW	8550	>HNF1A-T26 VMEVRVYNV	237	8313
>HNF1A-T26 VTEVRVYNW	4629	>HNF1A-T26 VMEVRVYNV	88	4541
>HNF1A-T26 VTEVRVYNW	1457	>HNF1A-T26 VMEVRVYNV	483	974
>HNF1A-T26 VTEVRVYNW	6621	>HNF1A-T26 VMEVRVYNV	79	6542
>HNF1A-T26 VTEVRVYNW	11895	>HNF1A-T26 VMEVRVYNV	88	11807
>HNF1A-T26 VTEVRVYNW	13462	>HNF1A-T26 VMEVRVYNV	277	13185
>HNF1A-T26 VTEVRVYNW	13764	>HNF1A-T26 VMEVRVYNV	35	13729
>HNF1A-T26 VTEVRVYNW	8	>HNF1A-T26 VMEVRVYNV	235	227
>HNF1A-T26 VTEVRVYNW	38	>HNF1A-T26 VMEVRVYNV	3340	3302
>HNF1A-T26 VTEVRVYNW	160	>HNF1A-T26 VMEVRVYNV	2608	2448
>HNF1A-T26 VTEVRVYNW	143	>HNF1A-T26 VMEVRVYNV	746	603
>HNF1A-T26 VTEVRVYNW	177	>HNF1A-T26 VMEVRVYNV	8195	8018
>HNF1A-T26 VTEVRVYNW	28	>HNF1A-T26 VMEVRVYNV	608	580
>HNF1A-T26 VTEVRVYNW	286	>HNF1A-T26 VMEVRVYNV	568	282
>HNF1A-T26 QAQGLGSNL'	13881	>HNF1A-T26 QAQGLGSNL'	275	13606
>HNF1A-T26 QAQGLGSNL'	10988	>HNF1A-T26 QAQGLGSNL'	294	10694
>HNF1A-T26 QAQGLGSNL'	8884	>HNF1A-T26 QAQGLGSNL'	200	8684
>HNF1A-T26 LVTEVRVYNV	1261	>HNF1A-T26 LVMEVRVYN'	164	1097
>HNF1A-T26 LVTEVRVYNV	304	>HNF1A-T26 LVMEVRVYN'	49	255
>HNF1A-T26 LVTEVRVY	492	>HNF1A-T26 LVMEVRVY	182	310
>HNF1A-T26 LVTEVRVYNV	608	>HNF1A-T26 LVMEVRVYN'	190	418
>HNF1A-T26 LVTEVRVY	690	>HNF1A-T26 LVMEVRVY	452	238
>HNF1A-T26 LVTEVRVY	395	>HNF1A-T26 LVMEVRVY	273	122
>HNF1A-T26 LVTEVRVYNV	2639	>HNF1A-T26 LVMEVRVYN'	245	2394
>HNF1A-T26 LVTEVRVY	753	>HNF1A-T26 LVMEVRVY	73	680
>HNF1A-T26 LVTEVRVYNV	7042	>HNF1A-T26 LVMEVRVYN'	449	6593
>HNF1A-T26 LVTEVRVYNV	1696	>HNF1A-T26 LVMEVRVYN'	363	1333
>HNF1A-T26 LVTEVRVYNV	303	>HNF1A-T26 LVMEVRVYN'	71	232
>HNF1A-T26 LVTEVRVY	217	>HNF1A-T26 LVMEVRVY	108	109
>HNF1A-T26 LVTEVRVYNV	339	>HNF1A-T26 LVMEVRVYN'	125	214
>HNF1A-T26 LVTEVRVYNV	24	>HNF1A-T26 LVMEVRVYN'	16	8
>HNF1A-T26 LVTEVRVYNV	1050	>HNF1A-T26 LVMEVRVYN'	380	670
>HNF1A-T26 LVTEVRVYNV	145	>HNF1A-T26 LVMEVRVYN'	107	38
>HNF1A-T26 LVTEVRVY	88	>HNF1A-T26 LVMEVRVY	70	18
>HNF1A-T26 LVTEVRVYNV	243	>HNF1A-T26 LVMEVRVYN'	167	76
>HNF1A-T26 NLVTEVRV	79	>HNF1A-T26 NLVMEVRV	132	53
>HNF1A-T26 NLVTEVRV	72	>HNF1A-T26 NLVMEVRV	80	8
>HNF1A-T26 NLVTEVRV	28	>HNF1A-T26 NLVMEVRV	25	3
>HNF1A-T26 NLVTEVRV	60	>HNF1A-T26 NLVMEVRV	132	72
>HNF1A-T26 NLVTEVRV	107	>HNF1A-T26 NLVMEVRV	92	15
>HNF1A-T26 NLVTEVRV	167	>HNF1A-T26 NLVMEVRV	275	108
>HNF1A-T26 NLVTEVRV	9	>HNF1A-T26 NLVMEVRV	8	1

>HNF1A-T26INLVTEVRVY	102	>HNF1A-T26INLVMEVRVY	275	173
>HNF1A-T26INLVTEVRVY	407	>HNF1A-T26INLVMEVRVY	172	235
>HNF1A-T26INLVTEVRVY	428	>HNF1A-T26INLVMEVRVY	433	5
>HNF1A-T26ISNLVTEVRV	1101	>HNF1A-T26ISNLVMEVRV	466	635
>HNF1A-T26IGSNLVTEVRV	390	>HNF1A-T26IGSNLVMEVR	318	72
>HNF1A-T26IGSNLVTEVR	133	>HNF1A-T26IGSNLVMEVR	64	69
>HNF1A-T26IGSNLVTEVR	213	>HNF1A-T26IGSNLVMEVR	472	259
>HNF1A-T26IGSNLVTEVRV	293	>HNF1A-T26IGSNLVMEVR	333	40
>HNF1A-T26IGSNLVTEVRV	155	>HNF1A-T26IGSNLVMEVR	67	88
>HNF1A-T26IGSNLVTEVRV	99	>HNF1A-T26IGSNLVMEVR	63	36
>HNF1A-T26LGSNLVTEV	205	>HNF1A-T26LGSNLVMEV	371	166
>HNF1A-T26GLGSNLVTEV	115	>HNF1A-T26GLGSNLVME	45	70
>HNF1A-T26GLGSNLVTEV	34	>HNF1A-T26GLGSNLVME	20	14
>HNF1A-T26GLGSNLVTEV	23	>HNF1A-T26GLGSNLVME	19	4
>HNF1A-T26GLGSNLVTEV	995	>HNF1A-T26GLGSNLVME	331	664
>HNF1A-T26GLGSNLVT	1249	>HNF1A-T26GLGSNLVM	386	863
>HNF1A-T26GLGSNLVTEV	2	>HNF1A-T26GLGSNLVME	2	0
>HNF1A-T26GLGSNLVT	1613	>HNF1A-T26GLGSNLVM	221	1392
>HNF1A-T26GLGSNLVTEV	4	>HNF1A-T26GLGSNLVME	3	1
>HNF1A-T26GLGSNLVTEV	5	>HNF1A-T26GLGSNLVME	5	0
>HNF1A-T26GLGSNLVTEV	5	>HNF1A-T26GLGSNLVME	4	1
>HNF1A-T26GLGSNLVT	480	>HNF1A-T26GLGSNLVM	312	168
>HNF1A-T26GLGSNLVTEV	2	>HNF1A-T26GLGSNLVME	2	0
>HNF1A-T26GLGSNLVT	13938	>HNF1A-T26GLGSNLVM	367	13571
>HNF1A-T26AQGLGSNLV	4116	>HNF1A-T26AQGLGSNLVI	58	4058
>HNF1A-T26AQGLGSNLV	11461	>HNF1A-T26AQGLGSNLVI	278	11183
>HNF1A-V25VTEVRVYNW	246	>HNF1A-V25LTEVRVYNWI	298	52
>HNF1A-V25VTEVRVYNW	8	>HNF1A-V25LTEVRVYNW	7	1
>HNF1A-V25VTEVRVYNW	38	>HNF1A-V25LTEVRVYNWI	38	0
>HNF1A-V25VTEVRVYNW	1379	>HNF1A-V25LTEVRVYNW	250	1129
>HNF1A-V25VTEVRVYNW	160	>HNF1A-V25LTEVRVYNW	110	50
>HNF1A-V25VTEVRVYNW	143	>HNF1A-V25LTEVRVYNW	81	62
>HNF1A-V25VTEVRVYNW	177	>HNF1A-V25LTEVRVYNWI	167	10
>HNF1A-V25VTEVRVYNW	28	>HNF1A-V25LTEVRVYNWI	19	9
>HNF1A-V25VTEVRVYNW	286	>HNF1A-V25LTEVRVYNW	67	219
>HNF1A-V25LVTEVRVYNV	5605	>HNF1A-V25LLTEVRVYNW	469	5136
>HNF1A-V25LVTEVRVYNV	17550	>HNF1A-V25LLTEVRVYNW	424	17126
>HNF1A-V25LVTEVRVYNV	304	>HNF1A-V25LLTEVRVYNW	710	406
>HNF1A-V25LVTEVRVY	492	>HNF1A-V25LLTEVRVY	7598	7106
>HNF1A-V25LVTEVRVY	395	>HNF1A-V25LLTEVRVY	380	15
>HNF1A-V25LVTEVRVY	753	>HNF1A-V25LLTEVRVY	279	474
>HNF1A-V25LVTEVRVY	2889	>HNF1A-V25LLTEVRVY	452	2437
>HNF1A-V25LVTEVRVYNV	1696	>HNF1A-V25LLTEVRVYNW	450	1246

>HNF1A-V25 LVTEVRVYNV	303	>HNF1A-V25 LLTEVRVYNM	935	632
>HNF1A-V25 LVTEVRVY	217	>HNF1A-V25 LLTEVRVY	1184	967
>HNF1A-V25 LVTEVRVYNV	339	>HNF1A-V25 LLTEVRVYNM	892	553
>HNF1A-V25 LVTEVRVYNV	24	>HNF1A-V25 LLTEVRVYNM	67	43
>HNF1A-V25 LVTEVRVYNV	145	>HNF1A-V25 LLTEVRVYNM	767	622
>HNF1A-V25 LVTEVRVY	88	>HNF1A-V25 LLTEVRVY	283	195
>HNF1A-V25 LVTEVRVYNV	243	>HNF1A-V25 LLTEVRVYNM	575	332
>HNF1A-V25 SQAQGLGSN	321	>HNF1A-V25 SQAQGLGSN	2011	1690
>HNF1A-V25 SQAQGLGSN	79	>HNF1A-V25 SQAQGLGSN	84	5
>HNF1A-V25 SQAQGLGSN	19	>HNF1A-V25 SQAQGLGSN	237	218
>HNF1A-V25 SQAQGLGSN	7	>HNF1A-V25 SQAQGLGSN	21	14
>HNF1A-V25 SQAQGLGSN	83	>HNF1A-V25 SQAQGLGSN	2292	2209
>HNF1A-V25 SQAQGLGSN	1090	>HNF1A-V25 SQAQGLGSN	380	710
>HNF1A-V25 SQAQGLGSN	1300	>HNF1A-V25 SQAQGLGSN	81	1219
>HNF1A-V25 SQAQGLGSN	3748	>HNF1A-V25 SQAQGLGSN	328	3420
>HNF1A-V25 NLVTEVRV	649	>HNF1A-V25 NLLTEVRV	86	563
>HNF1A-V25 NLVTEVRV	79	>HNF1A-V25 NLLTEVRV	131	52
>HNF1A-V25 NLVTEVRV	72	>HNF1A-V25 NLLTEVRV	228	156
>HNF1A-V25 NLVTEVRV	583	>HNF1A-V25 NLLTEVRV	295	288
>HNF1A-V25 NLVTEVRV	28	>HNF1A-V25 NLLTEVRV	7	21
>HNF1A-V25 NLVTEVRV	60	>HNF1A-V25 NLLTEVRV	12	48
>HNF1A-V25 NLVTEVRV	107	>HNF1A-V25 NLLTEVRV	14	93
>HNF1A-V25 NLVTEVRV	167	>HNF1A-V25 NLLTEVRV	6	161
>HNF1A-V25 NLVTEVRV	9	>HNF1A-V25 NLLTEVRV	7	2
>HNF1A-V25 NLVTEVRVY	102	>HNF1A-V25 NLLTEVRVY	1088	986
>HNF1A-V25 NLVTEVRVY	407	>HNF1A-V25 NLLTEVRVY	1110	703
>HNF1A-V25 NLVTEVRVY	796	>HNF1A-V25 NLLTEVRVY	465	331
>HNF1A-V25 NLVTEVRVY	428	>HNF1A-V25 NLLTEVRVY	2608	2180
>HNF1A-V25 GSNLVTEVRV	390	>HNF1A-V25 GSNLLTEVRV	475	85
>HNF1A-V25 GSNLVTEVR	133	>HNF1A-V25 GSNLLTEVR	151	18
>HNF1A-V25 GSNLVTEVR	213	>HNF1A-V25 GSNLLTEVR	718	505
>HNF1A-V25 GSNLVTEVRV	293	>HNF1A-V25 GSNLLTEVRV	276	17
>HNF1A-V25 GSNLVTEVRV	155	>HNF1A-V25 GSNLLTEVRV	72	83
>HNF1A-V25 GSNLVTEVRV	99	>HNF1A-V25 GSNLLTEVRV	100	1
>HNF1A-V25 LGSNLVTEV	205	>HNF1A-V25 LGSNLLTEV	158	47
>HNF1A-V25 GLGSNLVTEV	115	>HNF1A-V25 GLGSNLLTEV	46	69
>HNF1A-V25 GLGSNLVTEV	34	>HNF1A-V25 GLGSNLLTEV	21	13
>HNF1A-V25 GLGSNLVTEV	23	>HNF1A-V25 GLGSNLLTEV	14	9
>HNF1A-V25 GLGSNLVTEV	995	>HNF1A-V25 GLGSNLLTEV	282	713
>HNF1A-V25 GLGSNLVTEV	2	>HNF1A-V25 GLGSNLLTEV	3	1
>HNF1A-V25 GLGSNLVTEV	4	>HNF1A-V25 GLGSNLLTEV	4	0
>HNF1A-V25 GLGSNLVTEV	5	>HNF1A-V25 GLGSNLLTEV	5	0
>HNF1A-V25 GLGSNLVTEV	5	>HNF1A-V25 GLGSNLLTEV	7	2



>HNF1A-V25 GLGSNLVT	480	>HNF1A-V25 GLGSNLLT	334	146
>HNF1A-V25 GLGSNLVTEV	2	>HNF1A-V25 GLGSNLLTEV	2	0
>HNF1A-V25 AQGLGSNLV	29	>HNF1A-V25 AQGLGSNLL	289	260
>HNF1A-W1{WYVRKQREV	419	>HNF1A-W1{CYVRKQREV	343	76
>HNF1A-W1{TWYVRKQR	56	>HNF1A-W1{TCYVRKQR	236	180
>HNF1A-W1{TWYVRKQR	25	>HNF1A-W1{TCYVRKQR	460	435
>HNF1A-W1{TWYVRKQRE	324	>HNF1A-W1{TCYVRKQREV	37208	36884
>HNF1A-W1{KTQKRAALYT	15	>HNF1A-W1{KTQKRAALYT	229	214
>HNF1A-W1{KTQKRAALYT	8	>HNF1A-W1{KTQKRAALYT	2729	2721
>HNF1A-W1{KTQKRAALYT	33	>HNF1A-W1{KTQKRAALYT	8883	8850
>HNF1A-W1{KTQKRAALYT	11	>HNF1A-W1{KTQKRAALYT	7685	7674
>HNF1A-W1{KTQKRAALYT	159	>HNF1A-W1{KTQKRAALYT	2964	2805
>HNF1A-W1{YTWYVRKQR	158	>HNF1A-W1{YTCYVRKQRE	4522	4364
>HNF1A-W1{YTWYVRKQR	17	>HNF1A-W1{YTCYVRKQRE	262	245
>HNF1A-W1{YTWYVRKQR	100	>HNF1A-W1{YTCYVRKQRE	6215	6115
>HNF1A-W1{YTWYVRKQR	122	>HNF1A-W1{YTCYVRKQRE	1453	1331
>HNF1A-W1{YTWYVRKQR	13	>HNF1A-W1{YTCYVRKQR	39	26
>HNF1A-W1{YTWYVRKQR	16	>HNF1A-W1{YTCYVRKQR	24	8
>HNF1A-W1{YTWYVRKQR	6	>HNF1A-W1{YTCYVRKQR	3	3
>HNF1A-W1{YTWYVRKQR	23	>HNF1A-W1{YTCYVRKQRE	62	39
>HNF1A-W1{YTWYVRKQR	69	>HNF1A-W1{YTCYVRKQRE	2106	2037
>HNF1A-W1{YTWYVRKQR	302	>HNF1A-W1{YTCYVRKQRE	529	227
>HNF1A-W1{LYTWYVRKQI	35	>HNF1A-W1{LYTCYVRKQR	55	20
>HNF1A-W1{LYTWYVRKQI	147	>HNF1A-W1{LYTCYVRKQR	219	72
>HNF1A-W1{LYTWYVRK	258	>HNF1A-W1{LYTCYVRK	332	74
>HNF1A-W1{LYTWYVRKQI	99	>HNF1A-W1{LYTCYVRKQR	113	14
>HNF1A-W1{LYTWYVRKQ	463	>HNF1A-W1{LYTCYVRKQ	5833	5370
>HNF1A-W1{ALYTWYVRK	152	>HNF1A-W1{ALYTCYVRK	3868	3716
>HNF1A-W1{ALYTWYVRKQ	92	>HNF1A-W1{ALYTCYVRKQ	1142	1050
>HNF1A-W1{ALYTWYVRK	30	>HNF1A-W1{ALYTCYVRK	270	240
>HNF1A-W1{ALYTWYVRKQ	30	>HNF1A-W1{ALYTCYVRKQ	196	166
>HNF1A-W1{ALYTWYVR	114	>HNF1A-W1{ALYTCYVR	129	15
>HNF1A-W1{ALYTWYVRK	25	>HNF1A-W1{ALYTCYVRK	25	0
>HNF1A-W1{ALYTWYVRKQ	92	>HNF1A-W1{ALYTCYVRKQ	102	10
>HNF1A-W1{ALYTWYVR	112	>HNF1A-W1{ALYTCYVR	232	120
>HNF1A-W1{ALYTWYVRK	12	>HNF1A-W1{ALYTCYVRK	17	5
>HNF1A-W1{ALYTWYVRKQ	472	>HNF1A-W1{ALYTCYVRKQ	750	278
>HNF1A-W1{ALYTWYVRK	288	>HNF1A-W1{ALYTCYVRK	422	134
>HNF1A-W1{ALYTWYVR	11	>HNF1A-W1{ALYTCYVR	19	8
>HNF1A-W1{ALYTWYVRK	80	>HNF1A-W1{ALYTCYVRK	198	118
>HNF1A-W1{ALYTWYVRKQ	17	>HNF1A-W1{ALYTCYVRKQ	25	8
>HNF1A-W1{ALYTWYVR	340	>HNF1A-W1{ALYTCYVR	1003	663
>HNF1A-W1{ALYTWYVR	413	>HNF1A-W1{ALYTCYVR	361	52

>HNF1A-W1{ALYTWYVRK{	468	>HNF1A-W1{ALYTCYVRKQ	452	16
>HNF1A-W1{ALYTWYVRK	416	>HNF1A-W1{ALYTCYVRK	570	154
>HNF1A-W1{ALYTWYVR	121	>HNF1A-W1{ALYTCYVR	69	52
>HNF1A-W1{ALYTWYVRK	1051	>HNF1A-W1{ALYTCYVRK	421	630
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>HNF1A-W1{AALYTWYV	40	>HNF1A-W1{AALYTCYV	162	122
>HNF1A-W1{AALYTWYV	231	>HNF1A-W1{AALYTCYV	516	285
>HNF1A-W1{AALYTWYV	7	>HNF1A-W1{AALYTCYV	25	18
>HNF1A-W1{AALYTWYV	12	>HNF1A-W1{AALYTCYV	47	35
>HNF1A-W1{AALYTWYV	72	>HNF1A-W1{AALYTCYV	347	275
>HNF1A-W1{AALYTWYV	33	>HNF1A-W1{AALYTCYV	109	76
>HNF1A-W1{AALYTWYV	66	>HNF1A-W1{AALYTCYV	204	138
>HNF1A-W1{AALYTWYV	72	>HNF1A-W1{AALYTCYV	138	66
>HNF1A-W1{AALYTWYVRI	57	>HNF1A-W1{AALYTCYVRK	31	26
>HNF1A-W1{AALYTWYVRI	18	>HNF1A-W1{AALYTCYVRK	18	0
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>HNF1A-W1{AALYTWYVR	11	>HNF1A-W1{AALYTCYVR	20	9
>HNF1A-W1{AALYTWYVR	438	>HNF1A-W1{AALYTCYVR	680	242
>HNF1A-W1{AALYTWYVR	278	>HNF1A-W1{AALYTCYVR	204	74
>HNF1A-W1{AALYTWYV	315	>HNF1A-W1{AALYTCYV	1126	811
>HNF1A-W1{AALYTWYV	43	>HNF1A-W1{AALYTCYV	111	68
>HNF1A-W1{AALYTWYVR	131	>HNF1A-W1{AALYTCYVR	407	276
>HNF1A-W1{AALYTWYVRI	91	>HNF1A-W1{AALYTCYVRK	153	62
>HNF1A-W1{RAALYTWYV	15	>HNF1A-W1{RAALYTCYV	155	140
>HNF1A-W1{RAALYTWYV	13	>HNF1A-W1{RAALYTCYV	46	33
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>HNF1A-W1{RAALYTWYV	14	>HNF1A-W1{RAALYTCYV	121	107
>HNF1A-W1{RAALYTWYV	29	>HNF1A-W1{RAALYTCYV	100	71
>HNF1A-W1{RAALYTWYVI	128	>HNF1A-W1{RAALYTCYVR	128	0
>HNF1A-W1{RAALYTWYVI	153	>HNF1A-W1{RAALYTCYVR	148	5
>HNF1A-W1{RAALYTWYVI	19	>HNF1A-W1{RAALYTCYVR	26	7
>HNF1A-W1{RAALYTWYV	1268	>HNF1A-W1{RAALYTCYV	287	981
>HNF1A-W1{RAALYTWYVI	79	>HNF1A-W1{RAALYTCYVR	61	18
>HNF1A-W1{RAALYTWY	413	>HNF1A-W1{RAALYTCY	1052	639
>HNF1A-W1{RAALYTWYVI	15	>HNF1A-W1{RAALYTCYVR	21	6
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>HNF1A-W1{RAALYTWYVI	49	>HNF1A-W1{RAALYTCYVR	36	13
>HNF1A-W1{RAALYTWYVI	330	>HNF1A-W1{RAALYTCYVR	355	25
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>HNF1A-W1{RAALYTWYV	22	>HNF1A-W1{RAALYTCYV	129	107
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>HNF1A-W1{RAALYTWY	358	>HNF1A-W1{RAALYTCY	189	169
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>HNF1A-W1{RAALYTWY	100	>HNF1A-W1{RAALYTCY	148	48
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>HNF1A-W1{RAALYTWYV	209	>HNF1A-W1{RAALYTCYV	1738	1529
>HNF1A-W1{RAALYTWY	3343	>HNF1A-W1{RAALYTCY	167	3176
>HNF1A-W1{RAALYTWYVI	454	>HNF1A-W1{RAALYTCYVR	696	242
>HNF1A-W1{RAALYTWYVI	40	>HNF1A-W1{RAALYTCYVR	50	10
>HNF1A-W1{RAALYTWYVI	471	>HNF1A-W1{RAALYTCYVR	452	19
>HNF1A-W1{KRAALYTWY\	391	>HNF1A-W1{KRAALYTCYV	723	332
>HNF1A-W1{KRAALYTWY\	400	>HNF1A-W1{KRAALYTCYV	1732	1332
>HNF1A-W1{KRAALYTWY\	443	>HNF1A-W1{KRAALYTCYV	1064	621
>HNF1A-W1{KRAALYTWY	127	>HNF1A-W1{KRAALYTCY	30	97
>HNF1A-W1{KRAALYTWY\	748	>HNF1A-W1{KRAALYTCYV	468	280
>HNF1A-W1{KRAALYTW	491	>HNF1A-W1{KRAALYTC	1690	1199
>HNF1A-W1{KRAALYTWY	171	>HNF1A-W1{KRAALYTCY	100	71
>HNF1A-W1{KRAALYTWY\	72	>HNF1A-W1{KRAALYTCYV	258	186
>HNF1A-W1{KRAALYTWY\	58	>HNF1A-W1{KRAALYTCYV	159	101
>HNF1A-W1{KRAALYTW	316	>HNF1A-W1{KRAALYTC	20997	20681
>HNF1A-W1{KRAALYTWY	290	>HNF1A-W1{KRAALYTCY	2817	2527
>HNF1A-W1{KRAALYTW	195	>HNF1A-W1{KRAALYTC	100	95
>HNF1A-W1{KRAALYTWY	88	>HNF1A-W1{KRAALYTCY	122	34
>HNF1A-W1{KRAALYTWY\	362	>HNF1A-W1{KRAALYTCYV	242	120
>HNF1A-W1{KRAALYTWY\	160	>HNF1A-W1{KRAALYTCYV	379	219
>HNF1A-W1{KRAALYTW	445	>HNF1A-W1{KRAALYTC	1227	782
>HNF1A-W1{KRAALYTWY	115	>HNF1A-W1{KRAALYTCY	298	183
>HNF1A-W1{KRAALYTWY\	71	>HNF1A-W1{KRAALYTCYV	155	84
>HNF1A-W1{KRAALYTW	40	>HNF1A-W1{KRAALYTC	31980	31940
>HNF1A-W1{KRAALYTWY\	30	>HNF1A-W1{KRAALYTCYV	37	7
>HNF1A-W1{QKRAALYTW	132	>HNF1A-W1{QKRAALYTC	1424	1292
>HNF1A-W1{QKRAALYTW	15	>HNF1A-W1{QKRAALYTCY	7	8
>HNF1A-W1{QKRAALYTW	132	>HNF1A-W1{QKRAALYTCY	122	10
>HNF1A-W1{TQKRAALYTV	409	>HNF1A-W1{TQKRAALYTC	7956	7547
>HNF1A-W1{TQKRAALYTV	100	>HNF1A-W1{TQKRAALYTC	58	42
>HNF1A-W1{TQKRAALYTV	57	>HNF1A-W1{TQKRAALYTC	19	38
>HNF1A-W1{TQKRAALYTV	210	>HNF1A-W1{TQKRAALYTC	24004	23794
>HNF1A-W1{WYVRKQREV	419	>HNF1A-W1{RYVRKQREV	233	186
>HNF1A-W1{TWYVRKQR	56	>HNF1A-W1{TRYVRKQR	4840	4784

>HNF1A-W1{TWYVRKQR	16757	>HNF1A-W1{TRYVRKQR	165	16592
>HNF1A-W1{TWYVRKQRE	22261	>HNF1A-W1{TRYVRKQREV	385	21876
>HNF1A-W1{TWYVRKQR	25	>HNF1A-W1{TRYVRKQR	1497	1472
>HNF1A-W1{TWYVRKQRE	324	>HNF1A-W1{TRYVRKQREV	36256	35932
>HNF1A-W1{KTQKRAALYT	21420	>HNF1A-W1{KTQKRAALYT	165	21255
>HNF1A-W1{KTQKRAALYT	4960	>HNF1A-W1{KTQKRAALYT	326	4634
>HNF1A-W1{KTQKRAALYT	3955	>HNF1A-W1{KTQKRAALYT	9	3946
>HNF1A-W1{KTQKRAALYT	15	>HNF1A-W1{KTQKRAALYT	590	575
>HNF1A-W1{KTQKRAALYT	33149	>HNF1A-W1{KTQKRAALYT	370	32779
>HNF1A-W1{KTQKRAALYT	8	>HNF1A-W1{KTQKRAALYT	3693	3685
>HNF1A-W1{KTQKRAALYT	33	>HNF1A-W1{KTQKRAALYT	10635	10602
>HNF1A-W1{KTQKRAALYT	11	>HNF1A-W1{KTQKRAALYT	17708	17697
>HNF1A-W1{KTQKRAALYT	159	>HNF1A-W1{KTQKRAALYT	2620	2461
>HNF1A-W1{KTQKRAALYT	25568	>HNF1A-W1{KTQKRAALYT	72	25496
>HNF1A-W1{YTWYVRKQR	158	>HNF1A-W1{YTRYVRKQRE	11454	11296
>HNF1A-W1{YTWYVRKQR	17	>HNF1A-W1{YTRYVRKQRE	2225	2208
>HNF1A-W1{YTWYVRKQR	100	>HNF1A-W1{YTRYVRKQRE	11060	10960
>HNF1A-W1{YTWYVRKQR	122	>HNF1A-W1{YTRYVRKQRE	2021	1899
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>HNF1A-W1{YTWYVRKQR	8104	>HNF1A-W1{YTRYVRKQRE	76	8028
>HNF1A-W1{YTWYVRKQR	13	>HNF1A-W1{YTRYVRKQR	28	15
>HNF1A-W1{YTWYVRKQR	16	>HNF1A-W1{YTRYVRKQR	18	2
>HNF1A-W1{YTWYVRKQR	6	>HNF1A-W1{YTRYVRKQR	9	3
>HNF1A-W1{YTWYVRKQR	23	>HNF1A-W1{YTRYVRKQRE	396	373
>HNF1A-W1{YTWYVRKQR	69	>HNF1A-W1{YTRYVRKQRE	4539	4470
>HNF1A-W1{YTWYVRKQR	604	>HNF1A-W1{YTRYVRKQRE	441	163
>HNF1A-W1{YTWYVRKQR	1031	>HNF1A-W1{YTRYVRKQR	194	837
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>HNF1A-W1{LYTWYVRK	2135	>HNF1A-W1{LYTRYVRK	370	1765
>HNF1A-W1{LYTWYVRKQI	35	>HNF1A-W1{LYTRYVRKQR	64	29
>HNF1A-W1{LYTWYVRKQI	147	>HNF1A-W1{LYTRYVRKQR	190	43
>HNF1A-W1{LYTWYVRK	258	>HNF1A-W1{LYTRYVRK	997	739
>HNF1A-W1{LYTWYVRKQI	99	>HNF1A-W1{LYTRYVRKQR	290	191
>HNF1A-W1{LYTWYVRKQ	463	>HNF1A-W1{LYTRYVRKQ	4721	4258
>HNF1A-W1{ALYTWYVRK	152	>HNF1A-W1{ALYTRYVRK	4115	3963
>HNF1A-W1{ALYTWYVRKQ	92	>HNF1A-W1{ALYTRYVRKQ	1227	1135
>HNF1A-W1{ALYTWYVRK	30	>HNF1A-W1{ALYTRYVRK	324	294
>HNF1A-W1{ALYTWYVRKQ	30	>HNF1A-W1{ALYTRYVRKQ	158	128
>HNF1A-W1{ALYTWYVR	114	>HNF1A-W1{ALYTRYVR	87	27
>HNF1A-W1{ALYTWYVRK	25	>HNF1A-W1{ALYTRYVRK	24	1
>HNF1A-W1{ALYTWYVRKQ	92	>HNF1A-W1{ALYTRYVRKQ	76	16
>HNF1A-W1{ALYTWYVR	112	>HNF1A-W1{ALYTRYVR	186	74
>HNF1A-W1{ALYTWYVRK	12	>HNF1A-W1{ALYTRYVRK	18	6

>HNF1A-W1{ALYTWYVRKQ	472	>HNF1A-W1{ALYTRYVRKQ	748	276
>HNF1A-W1{ALYTWYVRK	288	>HNF1A-W1{ALYTRYVRK	94	194
>HNF1A-W1{ALYTWYVR	11	>HNF1A-W1{ALYTRYVR	10	1
>HNF1A-W1{ALYTWYVRK	80	>HNF1A-W1{ALYTRYVRK	77	3
>HNF1A-W1{ALYTWYVRKQ	17	>HNF1A-W1{ALYTRYVRKQ	17	0
>HNF1A-W1{ALYTWYVR	340	>HNF1A-W1{ALYTRYVR	472	132
>HNF1A-W1{ALYTWYVR	413	>HNF1A-W1{ALYTRYVR	347	66
>HNF1A-W1{ALYTWYVRKQ	468	>HNF1A-W1{ALYTRYVRKQ	510	42
>HNF1A-W1{ALYTWYVRK	416	>HNF1A-W1{ALYTRYVRK	656	240
>HNF1A-W1{ALYTWYVR	121	>HNF1A-W1{ALYTRYVR	144	23
>HNF1A-W1{ALYTWYVRKQ	436	>HNF1A-W1{ALYTRYVRKQ	530	94
>HNF1A-W1{AALYTWYV	40	>HNF1A-W1{AALYTRYV	1763	1723
>HNF1A-W1{AALYTWYV	231	>HNF1A-W1{AALYTRYV	1560	1329
>HNF1A-W1{AALYTWYV	7	>HNF1A-W1{AALYTRYV	191	184
>HNF1A-W1{AALYTWYV	12	>HNF1A-W1{AALYTRYV	194	182
>HNF1A-W1{AALYTWYV	72	>HNF1A-W1{AALYTRYV	1946	1874
>HNF1A-W1{AALYTWYV	33	>HNF1A-W1{AALYTRYV	1230	1197
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>HNF1A-W1{AALYTWYVRI	57	>HNF1A-W1{AALYTRYVRK	29	28
>HNF1A-W1{AALYTWYVRI	18	>HNF1A-W1{AALYTRYVRK	17	1
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>HNF1A-W1{AALYTWYVRI	32	>HNF1A-W1{AALYTRYVRK	26	6
>HNF1A-W1{AALYTWYVR	11	>HNF1A-W1{AALYTRYVR	9	2
>HNF1A-W1{AALYTWYVR	438	>HNF1A-W1{AALYTRYVR	363	75
>HNF1A-W1{AALYTWYVR	278	>HNF1A-W1{AALYTRYVR	143	135
>HNF1A-W1{AALYTWYV	315	>HNF1A-W1{AALYTRYV	1781	1466
>HNF1A-W1{AALYTWYV	43	>HNF1A-W1{AALYTRYV	360	317
>HNF1A-W1{AALYTWYVR	131	>HNF1A-W1{AALYTRYVR	1012	881
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>HNF1A-W1{RAALYTWYV	15	>HNF1A-W1{RAALYTRYV	2039	2024
>HNF1A-W1{RAALYTWYV	13	>HNF1A-W1{RAALYTRYV	246	233
>HNF1A-W1{RAALYTWYV	85	>HNF1A-W1{RAALYTRYV	247	162
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>HNF1A-W1{RAALYTWYV	10	>HNF1A-W1{RAALYTRYV	330	320
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>HNF1A-W1{RAALYTWYV	57	>HNF1A-W1{RAALYTRYV	4894	4837
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>HNF1A-W1{RAALYTWYVI	128	>HNF1A-W1{RAALYTRYVR	116	12
>HNF1A-W1{RAALYTWYVI	153	>HNF1A-W1{RAALYTRYVR	263	110
>HNF1A-W1{RAALYTWYVI	19	>HNF1A-W1{RAALYTRYVR	40	21
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>HNF1A-W1{RAALYTWYVI	57	>HNF1A-W1{RAALYTRYVR	98	41
>HNF1A-W1{RAALYTWYVI	49	>HNF1A-W1{RAALYTRYVR	60	11
>HNF1A-W1{RAALYTWYVI	330	>HNF1A-W1{RAALYTRYVR	624	294
>HNF1A-W1{RAALYTWYV	41	>HNF1A-W1{RAALYTRYV	754	713
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>HNF1A-W1{RAALYTWY	13	>HNF1A-W1{RAALYTRY	9	4
>HNF1A-W1{RAALYTWY	358	>HNF1A-W1{RAALYTRY	326	32
>HNF1A-W1{RAALYTWY	440	>HNF1A-W1{RAALYTRY	783	343
>HNF1A-W1{RAALYTWY	100	>HNF1A-W1{RAALYTRY	87	13
>HNF1A-W1{RAALYTWYV	172	>HNF1A-W1{RAALYTRYV	10166	9994
>HNF1A-W1{RAALYTWYV	209	>HNF1A-W1{RAALYTRYV	1185	976
>HNF1A-W1{RAALYTWYVI	454	>HNF1A-W1{RAALYTRYVR	629	175
>HNF1A-W1{RAALYTWYVI	40	>HNF1A-W1{RAALYTRYVR	71	31
>HNF1A-W1{RAALYTWYVI	471	>HNF1A-W1{RAALYTRYVR	1553	1082
>HNF1A-W1{KRAALYTWY\	391	>HNF1A-W1{KRAALYTRYV	1943	1552
>HNF1A-W1{KRAALYTWY\	400	>HNF1A-W1{KRAALYTRYV	4828	4428
>HNF1A-W1{KRAALYTWY\	443	>HNF1A-W1{KRAALYTRYV	495	52
>HNF1A-W1{KRAALYTWY	127	>HNF1A-W1{KRAALYTRY	94	33
>HNF1A-W1{KRAALYTW	491	>HNF1A-W1{KRAALYTR	60	431
>HNF1A-W1{KRAALYTWY	171	>HNF1A-W1{KRAALYTRY	68	103
>HNF1A-W1{KRAALYTWY\	72	>HNF1A-W1{KRAALYTRYV	138	66
>HNF1A-W1{KRAALYTWY\	58	>HNF1A-W1{KRAALYTRYV	57	1
>HNF1A-W1{KRAALYTW	316	>HNF1A-W1{KRAALYTR	22046	21730
>HNF1A-W1{KRAALYTWY	290	>HNF1A-W1{KRAALYTRY	528	238
>HNF1A-W1{KRAALYTW	195	>HNF1A-W1{KRAALYTR	156	39
>HNF1A-W1{KRAALYTWY	88	>HNF1A-W1{KRAALYTRY	114	26
>HNF1A-W1{KRAALYTWY\	362	>HNF1A-W1{KRAALYTRYV	294	68
>HNF1A-W1{KRAALYTWY\	160	>HNF1A-W1{KRAALYTRYV	204	44
>HNF1A-W1{KRAALYTW	445	>HNF1A-W1{KRAALYTR	2823	2378
>HNF1A-W1{KRAALYTWY	115	>HNF1A-W1{KRAALYTRY	242	127
>HNF1A-W1{KRAALYTWY\	71	>HNF1A-W1{KRAALYTRYV	133	62
>HNF1A-W1{KRAALYTW	40	>HNF1A-W1{KRAALYTR	26831	26791
>HNF1A-W1{KRAALYTW	21848	>HNF1A-W1{KRAALYTR	37	21811
>HNF1A-W1{KRAALYTWY\	30	>HNF1A-W1{KRAALYTRYV	34	4
>HNF1A-W1{QKRAALYTW	132	>HNF1A-W1{QKRAALYTR	478	346
>HNF1A-W1{QKRAALYTW	15	>HNF1A-W1{QKRAALYTRY	12	3
>HNF1A-W1{QKRAALYTW	132	>HNF1A-W1{QKRAALYTRY	121	11
>HNF1A-W1{TQKRAALYTV	25636	>HNF1A-W1{TQKRAALYTR	77	25559
>HNF1A-W1{TQKRAALYTV	409	>HNF1A-W1{TQKRAALYTR	10548	10139

>HNF1A-W1(TQKRAALYTV	100	>HNF1A-W1(TQKRAALYTR	66	34
>HNF1A-W1(TQKRAALYTV	57	>HNF1A-W1(TQKRAALYTR	41	16
>HNF1A-W1(TQKRAALYTV	210	>HNF1A-W1(TQKRAALYTR	23971	23761
>HNF1A-W1(TQKRAALYTV	32915	>HNF1A-W1(TQKRAALYTR	354	32561
>HNF1A-W2(WGPASQQI	133	>HNF1A-W2(CGPASQQI	97	36
>HNF1A-W2(WGPASQQIL	111	>HNF1A-W2(CGPASQQIL	77	34
>HNF1A-W2(WGPASQQILI	53	>HNF1A-W2(CGPASQQILF	39	14
>HNF1A-W2(WGPASQQIL	235	>HNF1A-W2(CGPASQQIL	124	111
>HNF1A-W2(WGPASQQILI	183	>HNF1A-W2(CGPASQQILF	98	85
>HNF1A-W2(WGPASQQILI	108	>HNF1A-W2(CGPASQQILF	1283	1175
>HNF1A-W2(WGPASQQI	1748	>HNF1A-W2(CGPASQQI	260	1488
>HNF1A-W2(KWGPASQQI	463	>HNF1A-W2(KCGPASQQI	14672	14209
>HNF1A-W2(KWGPASQQI	87	>HNF1A-W2(KCGPASQQIL	6771	6684
>HNF1A-W2(KWGPASQQI	131	>HNF1A-W2(KCGPASQQI	6410	6279
>HNF1A-W2(KWGPASQQI	59	>HNF1A-W2(KCGPASQQIL	3074	3015
>HNF1A-W2(KWGPASQQI	25	>HNF1A-W2(KCGPASQQI	8516	8491
>HNF1A-W2(KWGPASQQI	103	>HNF1A-W2(KCGPASQQIL	14747	14644
>HNF1A-W2(KWGPASQQI	9	>HNF1A-W2(KCGPASQQIL	3553	3544
>HNF1A-W2(KWGPASQQI	327	>HNF1A-W2(KCGPASQQI	32394	32067
>HNF1A-W2(KWGPASQQI	399	>HNF1A-W2(KCGPASQQIL	30297	29898
>HNF1A-W2(KWGPASQQI	288	>HNF1A-W2(KCGPASQQIL	34351	34063
>HNF1A-W2(KWGPASQQI	3642	>HNF1A-W2(KCGPASQQI	139	3503
>HNF1A-W2(FKWGPASQC	301	>HNF1A-W2(FKCGPASQQI	3669	3368
>HNF1A-W2(FKWGPASQ	346	>HNF1A-W2(FKCGPASQ	3340	2994
>HNF1A-W2(FKWGPASQC	26	>HNF1A-W2(FKCGPASQQI	210	184
>HNF1A-W2(FKWGPASQC	8	>HNF1A-W2(FKCGPASQQI	66	58
>HNF1A-W2(FKWGPASQC	50	>HNF1A-W2(FKCGPASQQI	34	16
>HNF1A-W2(FKWGPASQC	127	>HNF1A-W2(FKCGPASQQI	2961	2834
>HNF1A-W2(RFKWGPASQ	848	>HNF1A-W2(RFKCGPASQC	400	448
>HNF1A-W2(RFKWGPASQ	227	>HNF1A-W2(RFKCGPASQC	447	220
>HNF1A-W2(RFKWGPASQ	76	>HNF1A-W2(RFKCGPASQC	145	69
>HNF1A-W2(RFKWGPAS	265	>HNF1A-W2(RFKCGPAS	121	144
>HNF1A-W2(RFKWGPASQ	167	>HNF1A-W2(RFKCGPASQ	59	108
>HNF1A-W2(RFKWGPASQ	884	>HNF1A-W2(RFKCGPASQC	389	495
>HNF1A-W2(RFKWGPASQ	18	>HNF1A-W2(RFKCGPASQC	11	7
>HNF1A-W2(RFKWGPASQ	351	>HNF1A-W2(RFKCGPASQ	4534	4183
>HNF1A-W2(RFKWGPASQ	412	>HNF1A-W2(RFKCGPASQC	3382	2970
>HNF1A-W2(NRFKWGPA	325	>HNF1A-W2(NRFKCGPA	1964	1639
>HNF1A-W2(NRFKWGPAS	540	>HNF1A-W2(NRFKCGPASC	495	45
>HNF1A-W2(NRFKWGPA	97	>HNF1A-W2(NRFKCGPA	152	55
>HNF1A-W2(NRFKWGPAS	157	>HNF1A-W2(NRFKCGPAS	231	74
>HNF1A-W2(NRFKWGPAS	413	>HNF1A-W2(NRFKCGPASC	614	201
>HNF1A-W2(NRFKWGPAS	394	>HNF1A-W2(NRFKCGPASC	468	74

>HNF1A-W2(RNRFKWGPA	7	>HNF1A-W2(RNRFKCGPA	39	32
>HNF1A-W2(RNRFKWGPA	77	>HNF1A-W2(RNRFKCGPAS	345	268
>HNF1A-W2(RNRFKWGPA	69	>HNF1A-W2(RNRFKCGPAS	220	151
>HNF1A-W2(RRNRFKWGP	196	>HNF1A-W2(RRNRFKCGP	531	335
>HNF1A-W2(RRNRFKWGP	47	>HNF1A-W2(RRNRFKCGP/	109	62
>HNF1A-W2(RRNRFKWGP	214	>HNF1A-W2(RRNRFKCGP/	504	290
>HNF1A-W2(RRNRFKWG	32	>HNF1A-W2(RRNRFKCG	83	51
>HNF1A-W2(RRNRFKWGP	353	>HNF1A-W2(RRNRFKCGP	392	39
>HNF1A-W2(RRNRFKWGP	176	>HNF1A-W2(RRNRFKCGP/	206	30
>HNF1A-W2(RRNRFKWGP	222	>HNF1A-W2(RRNRFKCGP/	314	92
>HNF1A-W2(RRNRFKWG	480	>HNF1A-W2(RRNRFKCG	2967	2487
>HNF1A-W2(RRNRFKWGP	112	>HNF1A-W2(RRNRFKCGP/	269	157
>HNF1A-W2(KGRRNRFKW	504	>HNF1A-W2(KGRRNRFKC	181	323
>HNF1A-W2(KGRRNRFKW	114	>HNF1A-W2(KGRRNRFKCC	185	71
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>HNF1A-W2(KGRRNRFKW	326	>HNF1A-W2(KGRRNRFKC	21705	21379
>HNF1A-W2(KGRRNRFKW	50	>HNF1A-W2(KGRRNRFKC	17815	17765
>HNF1A-W2(KGRRNRFKW	50	>HNF1A-W2(KGRRNRFKC	20744	20694
>HNF1A-W2(WGPASQQI	133	>HNF1A-W2(LGPASQQI	664	531
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>HNF1A-W2(WGPASQQIL	235	>HNF1A-W2(LGPASQQIL	32	203
>HNF1A-W2(WGPASQQILI	183	>HNF1A-W2(LGPASQQILF	34	149
>HNF1A-W2(WGPASQQILI	108	>HNF1A-W2(LGPASQQILF	190	82
>HNF1A-W2(KWGPASQQI	21293	>HNF1A-W2(KLGPASQQI	460	20833
>HNF1A-W2(KWGPASQQI	6411	>HNF1A-W2(KLGPASQQI	74	6337
>HNF1A-W2(KWGPASQQI	22787	>HNF1A-W2(KLGPASQQIL	385	22402
>HNF1A-W2(KWGPASQQI	21652	>HNF1A-W2(KLGPASQQI	108	21544
>HNF1A-W2(KWGPASQQI	15328	>HNF1A-W2(KLGPASQQI	16	15312
>HNF1A-W2(KWGPASQQI	22186	>HNF1A-W2(KLGPASQQIL	103	22083
>HNF1A-W2(KWGPASQQI	20829	>HNF1A-W2(KLGPASQQI	29	20800
>HNF1A-W2(KWGPASQQI	20823	>HNF1A-W2(KLGPASQQIL	36	20787
>HNF1A-W2(KWGPASQQI	13892	>HNF1A-W2(KLGPASQQI	15	13877
>HNF1A-W2(KWGPASQQI	18057	>HNF1A-W2(KLGPASQQIL	33	18024
>HNF1A-W2(KWGPASQQI	23416	>HNF1A-W2(KLGPASQQI	20	23396
>HNF1A-W2(KWGPASQQI	24661	>HNF1A-W2(KLGPASQQIL	77	24584
>HNF1A-W2(KWGPASQQ	34260	>HNF1A-W2(KLGPASQQ	151	34109
>HNF1A-W2(KWGPASQQI	26079	>HNF1A-W2(KLGPASQQI	8	26071
>HNF1A-W2(KWGPASQQI	22577	>HNF1A-W2(KLGPASQQIL	9	22568
>HNF1A-W2(KWGPASQQI	463	>HNF1A-W2(KLGPASQQI	9377	8914
>HNF1A-W2(KWGPASQQI	87	>HNF1A-W2(KLGPASQQIL	2066	1979
>HNF1A-W2(KWGPASQQI	131	>HNF1A-W2(KLGPASQQI	3939	3808
>HNF1A-W2(KWGPASQQI	59	>HNF1A-W2(KLGPASQQIL	1372	1313



>HNF1A-W2(KWGPASQQI	25	>HNF1A-W2(KLGPASQQI	4720	4695
>HNF1A-W2(KWGPASQQI	103	>HNF1A-W2(KLGPASQQIL	10500	10397
>HNF1A-W2(KWGPASQQI	9	>HNF1A-W2(KLGPASQQIL	1386	1377
>HNF1A-W2(KWGPASQQI	14464	>HNF1A-W2(KLGPASQQI	339	14125
>HNF1A-W2(KWGPASQQI	14078	>HNF1A-W2(KLGPASQQIL	332	13746
>HNF1A-W2(KWGPASQQI	10887	>HNF1A-W2(KLGPASQQIL	294	10593
>HNF1A-W2(KWGPASQQI	2539	>HNF1A-W2(KLGPASQQIL	237	2302
>HNF1A-W2(KWGPASQQI	3989	>HNF1A-W2(KLGPASQQIL	371	3618
>HNF1A-W2(KWGPASQQI	327	>HNF1A-W2(KLGPASQQI	22055	21728
>HNF1A-W2(KWGPASQQI	399	>HNF1A-W2(KLGPASQQIL	22964	22565
>HNF1A-W2(KWGPASQQI	288	>HNF1A-W2(KLGPASQQIL	26708	26420
>HNF1A-W2(KWGPASQQI	3642	>HNF1A-W2(KLGPASQQI	426	3216
>HNF1A-W2(FKWGPASQC	301	>HNF1A-W2(FKLGASQQI	748	447
>HNF1A-W2(FKWGPASQ	346	>HNF1A-W2(FKLGASQ	1098	752
>HNF1A-W2(FKWGPASQC	26	>HNF1A-W2(FKLGASQQI	47	21
>HNF1A-W2(FKWGPASQC	8	>HNF1A-W2(FKLGASQQI	15	7
>HNF1A-W2(FKWGPASQC	1619	>HNF1A-W2(FKLGASQQI	488	1131
>HNF1A-W2(FKWGPASQC	50	>HNF1A-W2(FKLGASQQI	21	29
>HNF1A-W2(FKWGPASQC	127	>HNF1A-W2(FKLGASQQI	568	441
>HNF1A-W2(RFKWGPASQ	227	>HNF1A-W2(RFKLGASQC	465	238
>HNF1A-W2(RFKWGPASQ	76	>HNF1A-W2(RFKLGASQC	188	112
>HNF1A-W2(RFKWGPAS	265	>HNF1A-W2(RFKLGAS	146	119
>HNF1A-W2(RFKWGPASQ	167	>HNF1A-W2(RFKLGASQ	89	78
>HNF1A-W2(RFKWGPASQ	18	>HNF1A-W2(RFKLGASQC	13	5
>HNF1A-W2(RFKWGPASQ	351	>HNF1A-W2(RFKLGASQ	4711	4360
>HNF1A-W2(RFKWGPASQ	412	>HNF1A-W2(RFKLGASQC	3013	2601
>HNF1A-W2(NRFKWGPA	325	>HNF1A-W2(NRFKLGPA	344	19
>HNF1A-W2(NRFKWGPA	97	>HNF1A-W2(NRFKLGPA	148	51
>HNF1A-W2(NRFKWGPAS	157	>HNF1A-W2(NRFKLGAS	180	23
>HNF1A-W2(NRFKWGPAS	413	>HNF1A-W2(NRFKLGASC	502	89
>HNF1A-W2(NRFKWGPAS	394	>HNF1A-W2(NRFKLGASC	416	22
>HNF1A-W2(RNRFKWGPA	7	>HNF1A-W2(RNRKLGPA	14	7
>HNF1A-W2(RNRFKWGPA	77	>HNF1A-W2(RNRKLGAS	137	60
>HNF1A-W2(RNRFKWGPA	69	>HNF1A-W2(RNRKLGAS	126	57
>HNF1A-W2(RRNRFKWGP	196	>HNF1A-W2(RRNRKLG	245	49
>HNF1A-W2(RRNRFKWGP	47	>HNF1A-W2(RRNRKLGPA	62	15
>HNF1A-W2(RRNRFKWGP	214	>HNF1A-W2(RRNRKLGPA	224	10
>HNF1A-W2(RRNRFKWG	32	>HNF1A-W2(RRNRKLG	20	12
>HNF1A-W2(RRNRFKWGP	353	>HNF1A-W2(RRNRKLG	134	219
>HNF1A-W2(RRNRFKWGP	176	>HNF1A-W2(RRNRKLGPA	133	43
>HNF1A-W2(RRNRFKWGP	222	>HNF1A-W2(RRNRKLGPA	180	42
>HNF1A-W2(RRNRFKWG	480	>HNF1A-W2(RRNRKLG	911	431
>HNF1A-W2(RRNRFKWGP	1455	>HNF1A-W2(RRNRKLG	249	1206

>HNF1A-W2(CRRNRFKWGP	112	>HNF1A-W2(CRRNRFKLGPA	117	5
>HNF1A-W2(CRRNRFKWGP	1036	>HNF1A-W2(CRRNRFKLGPA	454	582
>HNF1A-W2(CGRRNRFKW	1045	>HNF1A-W2(CGRRNRFKL	77	968
>HNF1A-W2(CGRRNRFKW	6918	>HNF1A-W2(CGRRNRFKL	409	6509
>HNF1A-W2(CGRRNRFKW	1532	>HNF1A-W2(CGRRNRFKL	328	1204
>HNF1A-W2(CGRRNRFKWC	672	>HNF1A-W2(CGRRNRFKLG	426	246
>HNF1A-W2(CKGRRNRFKW	504	>HNF1A-W2(CKGRRNRFKL	12	492
>HNF1A-W2(CKGRRNRFKW	114	>HNF1A-W2(CKGRRNRFKLC	45	69
>HNF1A-W2(CKGRRNRFKW	522	>HNF1A-W2(CKGRRNRFKLC	189	333
>HNF1A-W2(CKGRRNRFKW	326	>HNF1A-W2(CKGRRNRFKL	2481	2155
>HNF1A-W2(CKGRRNRFKW	50	>HNF1A-W2(CKGRRNRFKL	3781	3731
>HNF1A-W2(CKGRRNRFKW	50	>HNF1A-W2(CKGRRNRFKL	12842	12792
>HNF1A-Y21:AYERQKNPSK	51	>HNF1A-Y21:ACERQKNPSK	696	645
>HNF1A-Y21: PASQQILFQA	152	>HNF1A-Y21: PASQQILFQA	15577	15425
>HNF1A-Y21: QAYERQKNP:	253	>HNF1A-Y21: QACERQKNP:	6243	5990
>HNF1A-Y21: QAYERQKNP:	407	>HNF1A-Y21: QACERQKNP:	1560	1153
>HNF1A-Y21: QAYERQKNP:	237	>HNF1A-Y21: QACERQKNP:	672	435
>HNF1A-Y21: QAYERQKNP:	239	>HNF1A-Y21: QACERQKNP:	1161	922
>HNF1A-Y21: ILFQAYERQ	416	>HNF1A-Y21: ILFQACERQ	706	290
>HNF1A-Y21: ILFQAYERQ	68	>HNF1A-Y21: ILFQACERQ	100	32
>HNF1A-Y21: ILFQAYERQK	133	>HNF1A-Y21: ILFQACERQK	135	2
>HNF1A-Y21: ILFQAYERQK	457	>HNF1A-Y21: ILFQACERQK	733	276
>HNF1A-Y21: ILFQAYER	50	>HNF1A-Y21: ILFQACER	246	196
>HNF1A-Y21: ILFQAYER	154	>HNF1A-Y21: ILFQACER	256	102
>HNF1A-Y21: ILFQAYER	20	>HNF1A-Y21: ILFQACER	30	10
>HNF1A-Y21: ILFQAYER	43	>HNF1A-Y21: ILFQACER	70	27
>HNF1A-Y21: QILFQAYERQ	189	>HNF1A-Y21: QILFQACERQ	348	159
>HNF1A-Y21: QILFQAYER	87	>HNF1A-Y21: QILFQACER	626	539
>HNF1A-Y21: QILFQAYER	60	>HNF1A-Y21: QILFQACER	122	62
>HNF1A-Y21: QILFQAYER	34	>HNF1A-Y21: QILFQACER	61	27
>HNF1A-Y21: QQILFQAY	1973	>HNF1A-Y21: QQILFQAC	440	1533
>HNF1A-Y21: QQILFQAYER	353	>HNF1A-Y21: QQILFQACER	2029	1676
>HNF1A-Y21: QQILFQAY	352	>HNF1A-Y21: QQILFQAC	31018	30666
>HNF1A-Y21: QQILFQAY	254	>HNF1A-Y21: QQILFQAC	25071	24817
>HNF1A-Y21: QQILFQAYER	38	>HNF1A-Y21: QQILFQACER	50	12
>HNF1A-Y21: QQILFQAYER	249	>HNF1A-Y21: QQILFQACER	298	49
>HNF1A-Y21: QQILFQAYER	54	>HNF1A-Y21: QQILFQACER	149	95
>HNF1A-Y21: QQILFQAY	63	>HNF1A-Y21: QQILFQAC	7338	7275
>HNF1A-Y21: QQILFQAY	215	>HNF1A-Y21: QQILFQAC	21888	21673
>HNF1A-Y21: QQILFQAY	7	>HNF1A-Y21: QQILFQAC	1549	1542
>HNF1A-Y21: QQILFQAY	339	>HNF1A-Y21: QQILFQAC	18366	18027
>HNF1A-Y21: QQILFQAYER	66	>HNF1A-Y21: QQILFQACER	157	91
>HNF1A-Y21: SQQILFQAY	203	>HNF1A-Y21: SQQILFQAC	27077	26874

>HNF1A-Y21:SQQILFQAYE	23	>HNF1A-Y21:SQQILFQACE	56	33
>HNF1A-Y21:SQQILFQAY	31	>HNF1A-Y21:SQQILFQAC	4835	4804
>HNF1A-Y21:SQQILFQAY	157	>HNF1A-Y21:SQQILFQAC	22334	22177
>HNF1A-Y21:SQQILFQAY	11	>HNF1A-Y21:SQQILFQAC	3561	3550
>HNF1A-Y21:SQQILFQAYE	242	>HNF1A-Y21:SQQILFQACE	382	140
>HNF1A-Y21:ASQQILFQAY	353	>HNF1A-Y21:ASQQILFQAC	33199	32846
>HNF1A-Y21:ASQQILFQAY	228	>HNF1A-Y21:ASQQILFQAC	30864	30636
>HNF1A-Y21:ASQQILFQAY	247	>HNF1A-Y21:ASQQILFQAC	30281	30034
>HNF1A-Y21:ASQQILFQAY	112	>HNF1A-Y21:ASQQILFQAC	26404	26292
>HNF1A-Y21:ASQQILFQAY	97	>HNF1A-Y21:ASQQILFQAC	13886	13789
>HNF1A-Y21:ASQQILFQAY	261	>HNF1A-Y21:ASQQILFQAC	11658	11397
>HNF1A-Y21:ASQQILFQAY	18	>HNF1A-Y21:ASQQILFQAC	15832	15814
>HNF1A-Y21:ASQQILFQAY	233	>HNF1A-Y21:ASQQILFQAC	35407	35174
>HOOK3-Q2:QVLMERLNQ	6658	>HOOK3-Q2:RVLMERLNQ	337	6321
>HOOK3-Q2:ENQVLMER	133	>HOOK3-Q2:ENRVLMER	264	131
>HOOK3-Q2:AENQVLMER	325	>HOOK3-Q2:AENRVLMER	515	190
>HOOK3-Q2:AENQVLMER	358	>HOOK3-Q2:AENRVLMER	637	279
>HOOK3-Q2:AENQVLMER	349	>HOOK3-Q2:AENRVLMER	520	171
>HOOK3-Q2:AENQVLMER	425	>HOOK3-Q2:AENRVLMER	636	211
>HOOK3-Q2:AENQVLMER	29	>HOOK3-Q2:AENRVLMER	18	11
>HOOK3-Q2:LAENQVLMER	621	>HOOK3-Q2:LAENRVLMER	226	395
>HOOK3-Q2:LAENQVLMER	544	>HOOK3-Q2:LAENRVLMER	397	147
>HOOK3-Q2:LAENQVLM	419	>HOOK3-Q2:LAENRVLM	1584	1165
>HOOK3-Q2:LLAENQVL	85	>HOOK3-Q2:LLAENRVL	527	442
>HOOK3-Q2:LLAENQVLM	53	>HOOK3-Q2:LLAENRVLM	349	296
>HOOK3-Q2:LLAENQVL	7	>HOOK3-Q2:LLAENRVL	28	21
>HOOK3-Q2:LLAENQVLM	9	>HOOK3-Q2:LLAENRVLM	32	23
>HOOK3-Q2:LLAENQVL	31	>HOOK3-Q2:LLAENRVL	67	36
>HOOK3-Q2:LLAENQVLM	135	>HOOK3-Q2:LLAENRVLM	355	220
>HOOK3-Q2:LLAENQVL	235	>HOOK3-Q2:LLAENRVL	1288	1053
>HOOK3-Q2:LLAENQVLM	305	>HOOK3-Q2:LLAENRVLM	605	300
>HOOK3-Q2:LLAENQVL	10	>HOOK3-Q2:LLAENRVL	31	21
>HOOK3-Q2:LLAENQVLM	27	>HOOK3-Q2:LLAENRVLM	159	132
>HOOK3-Q2:LLAENQVL	12	>HOOK3-Q2:LLAENRVL	71	59
>HOOK3-Q2:LLAENQVLM	39	>HOOK3-Q2:LLAENRVLM	811	772
>HOOK3-Q2:LLAENQVL	22	>HOOK3-Q2:LLAENRVL	165	143
>HOOK3-Q2:LLAENQVLM	72	>HOOK3-Q2:LLAENRVLM	689	617
>HOOK3-Q2:LLAENQVL	11	>HOOK3-Q2:LLAENRVL	132	121
>HOOK3-Q2:LLAENQVLM	21	>HOOK3-Q2:LLAENRVLM	860	839
>HOOK3-Q2:LLAENQVL	3	>HOOK3-Q2:LLAENRVL	6	3
>HOOK3-Q2:LLAENQVLM	5	>HOOK3-Q2:LLAENRVLM	8	3
>HOOK3-Q2:LLAENQVLM	217	>HOOK3-Q2:LLAENRVLM	314	97
>HOOK3-Q2:LLAENQVLM	433	>HOOK3-Q2:LLAENRVLM	160	273

>HOOK3-Q22LLAENQVLM	49	>HOOK3-Q22LLAENRVLME	41	8
>HOOK3-Q22SLLAENQV	24	>HOOK3-Q22SLLAENRV	32	8
>HOOK3-Q22SLLAENQVL	108	>HOOK3-Q22SLLAENRVL	867	759
>HOOK3-Q22SLLAENQVLM	272	>HOOK3-Q22SLLAENRVLM	262	10
>HOOK3-Q22SLLAENQV	16	>HOOK3-Q22SLLAENRV	31	15
>HOOK3-Q22SLLAENQVL	55	>HOOK3-Q22SLLAENRVL	365	310
>HOOK3-Q22SLLAENQVLM	89	>HOOK3-Q22SLLAENRVLM	95	6
>HOOK3-Q22SLLAENQV	52	>HOOK3-Q22SLLAENRV	84	32
>HOOK3-Q22SLLAENQV	57	>HOOK3-Q22SLLAENRV	135	78
>HOOK3-Q22SLLAENQV	3	>HOOK3-Q22SLLAENRV	3	0
>HOOK3-Q22SLLAENQVL	13	>HOOK3-Q22SLLAENRVL	38	25
>HOOK3-Q22SLLAENQVLM	44	>HOOK3-Q22SLLAENRVLM	163	119
>HOOK3-Q22SLLAENQV	9	>HOOK3-Q22SLLAENRV	12	3
>HOOK3-Q22SLLAENQVL	26	>HOOK3-Q22SLLAENRVL	172	146
>HOOK3-Q22SLLAENQVLM	167	>HOOK3-Q22SLLAENRVLM	1149	982
>HOOK3-Q22SLLAENQV	5	>HOOK3-Q22SLLAENRV	6	1
>HOOK3-Q22SLLAENQVL	16	>HOOK3-Q22SLLAENRVL	113	97
>HOOK3-Q22SLLAENQVLM	53	>HOOK3-Q22SLLAENRVLM	317	264
>HOOK3-Q22SLLAENQV	8	>HOOK3-Q22SLLAENRV	19	11
>HOOK3-Q22SLLAENQVL	128	>HOOK3-Q22SLLAENRVL	1759	1631
>HOOK3-Q22SLLAENQV	2	>HOOK3-Q22SLLAENRV	3	1
>HOOK3-Q22SLLAENQVL	8	>HOOK3-Q22SLLAENRVL	58	50
>HOOK3-Q22SLLAENQVLM	46	>HOOK3-Q22SLLAENRVLM	145	99
>HOOK3-Q22SLLAENQV	245	>HOOK3-Q22SLLAENRV	867	622
>HOOK3-Q22SLLAENQVL	353	>HOOK3-Q22SLLAENRVL	1719	1366
>HOOK3-Q22SLLAENQVLM	190	>HOOK3-Q22SLLAENRVLM	447	257
>HOOK3-Q22SSLLAENQVLI	341	>HOOK3-Q22SSLLAENRVLI	382	41
>HOOK3-Q22SSLLAENQVLI	318	>HOOK3-Q22SSLLAENRVLI	280	38
>HOOK3-Q22SSLLAENQ	19810	>HOOK3-Q22SSLLAENR	300	19510
>HOOK3-Q22SSLLAENQ	19886	>HOOK3-Q22SSLLAENR	246	19640
>HOOK3-Q22SSLLAENQVL	137	>HOOK3-Q22SSLLAENRVL	211	74
>HOOK3-Q22SSLLAENQVLI	107	>HOOK3-Q22SSLLAENRVLI	156	49
>HOOK3-Q22SSLLAENQVL	476	>HOOK3-Q22SSLLAENRVL	472	4
>HOOK3-Q22SSLLAENQVLI	128	>HOOK3-Q22SSLLAENRVLI	112	16
>HOOK3-Q22SSLLAENQ	5473	>HOOK3-Q22SSLLAENR	474	4999
>HOOK3-Q22SSLLAENQVL	432	>HOOK3-Q22SSLLAENRVL	498	66
>HOOK3-Q22KSSLLAENQ	15384	>HOOK3-Q22KSSLLAENR	60	15324
>HOOK3-Q22KSSLLAENQV	350	>HOOK3-Q22KSSLLAENRV	380	30
>HOOK3-Q22KSSLLAENQV	19	>HOOK3-Q22KSSLLAENRV	25	6
>HOOK3-Q22KSSLLAENQV	89	>HOOK3-Q22KSSLLAENRV	487	398
>HOOK3-Q22KSSLLAENQV	217	>HOOK3-Q22KSSLLAENRV	368	151
>HOOK3-Q22KSSLLAENQV	305	>HOOK3-Q22KSSLLAENRV	375	70
>HOOK3-Q22KSSLLAENQ	14774	>HOOK3-Q22KSSLLAENR	307	14467

>HSP90AA1-I EIVKKHSQF	63	>HSP90AA1-I DIVKKHSQF	424	361
>HSP90AA1-I EIVKKHSQF	9	>HSP90AA1-I DIVKKHSQF	44	35
>HSP90AA1-I EIVKKHSQFI	161	>HSP90AA1-I DIVKKHSQFI	831	670
>HSP90AA1-I EIVKKHSQFI	173	>HSP90AA1-I DIVKKHSQFI	1041	868
>HSP90AA1-I KEIVKKHSQFI	16	>HSP90AA1-I KDIVKKHSQF	776	760
>HSP90AA1-I KEIVKKHSQF	159	>HSP90AA1-I KDIVKKHSQF	1880	1721
>HSP90AA1-I KEIVKKHSQFI	123	>HSP90AA1-I KDIVKKHSQF	19220	19097
>HSP90AA1-I KEIVKKHSQF	288	>HSP90AA1-I KDIVKKHSQF	21444	21156
>HSP90AA1-I KEIVKKHSQFI	178	>HSP90AA1-I KDIVKKHSQF	2289	2111
>HSP90AA1-I KEIVKKHSQF	102	>HSP90AA1-I KDIVKKHSQF	3301	3199
>HSP90AA1-I KEIVKKHSQF	80	>HSP90AA1-I KDIVKKHSQF	3989	3909
>HSP90AA1-I KEIVKKHSQFI	12	>HSP90AA1-I KDIVKKHSQF	569	557
>HSP90AA1-I KEIVKKHSQFI	3070	>HSP90AA1-I KDIVKKHSQF	64	3006
>HSP90AA1-I KEIVKKHSQF	125	>HSP90AA1-I KDIVKKHSQF	194	69
>HSP90AA1-IRIKEIVKK	90	>HSP90AA1-IRIKDIVKK	130	40
>HSP90AA1-IRIKEIVKK	157	>HSP90AA1-IRIKDIVKK	130	27
>HSP90AA1-IRIKEIVKK	7	>HSP90AA1-IRIKDIVKK	7	0
>HSP90AA1-IRIKEIVKKHSC	377	>HSP90AA1-IRIKDIVKKHSC	308	69
>HSP90AA1-IRIKEIVKK	75	>HSP90AA1-IRIKDIVKK	62	13
>HSP90AA1-IRIKEIVKK	543	>HSP90AA1-IRIKDIVKK	383	160
>HSP90AA1-IRRIKEIVK	42	>HSP90AA1-IRRIKDIVK	40	2
>HSP90AA1-IRRIKEIVKK	20	>HSP90AA1-IRRIKDIVKK	19	1
>HSP90AA1-IRRIKEIVKKH	30	>HSP90AA1-IRRIKDIVKKH	29	1
>HSP90AA1-IRRIKEIVKKHS	187	>HSP90AA1-IRRIKDIVKKHS	150	37
>HSP90AA1-IRRIKEIVK	59	>HSP90AA1-IRRIKDIVK	32	27
>HSP90AA1-IRRIKEIVKK	351	>HSP90AA1-IRRIKDIVKK	178	173
>HSP90AA1-IRRIKEIVKKH	231	>HSP90AA1-IRRIKDIVKKH	216	15
>HSP90AA1-IRRIKEIVKKHS	635	>HSP90AA1-IRRIKDIVKKHS	431	204
>HSP90AA1-IRRIKEIVKK	230	>HSP90AA1-IRRIKDIVKK	100	130
>HSP90AA1-IRRIKEIVKKH	308	>HSP90AA1-IRRIKDIVKKH	273	35
>HSP90AA1-IEERRIKEI	31	>HSP90AA1-IEERRIKDI	24	7
>HSP90AA1-IEERRIKEIV	76	>HSP90AA1-IEERRIKDIV	51	25
>HSP90AA1-IEERRIKEIV	282	>HSP90AA1-IEERRIKDIV	322	40
>HSP90AA1-IEERRIKEI	473	>HSP90AA1-IEERRIKDI	1034	561
>HSP90AA1-ILEERRIKEI	7	>HSP90AA1-ILEERRIKDI	7	0
>HSP90AA1-ILEERRIKEIV	31	>HSP90AA1-ILEERRIKDIV	24	7
>HSP90AA1-ILEERRIKEI	61	>HSP90AA1-ILEERRIKDI	57	4
>HSP90AA1-ILEERRIKEIV	438	>HSP90AA1-ILEERRIKDIV	750	312
>HSP90AA1-IYLEERRIKEIV	259	>HSP90AA1-IYLEERRIKDIV	360	101
>HSP90AA1-IYLEERRIKEIV	69	>HSP90AA1-IYLEERRIKDIV	74	5
>HSP90AA1-IYLEERRIKEI	209	>HSP90AA1-IYLEERRIKDI	555	346
>HSP90AA1-IYLEERRIKEIV	97	>HSP90AA1-IYLEERRIKDIV	115	18
>HSP90AA1-IYLEERRIKEIV	176	>HSP90AA1-IYLEERRIKDIV	206	30

>HSP90AA1-IYLEERRIKEI	22	>HSP90AA1-IYLEERRIKDI	150	128
>HSP90AA1-IYLEERRIKEIV	11	>HSP90AA1-IYLEERRIKDIV	15	4
>HSP90AA1-IYLEERRIKEI	66	>HSP90AA1-IYLEERRIKDI	240	174
>HSP90AA1-IYLEERRIKEIV	19	>HSP90AA1-IYLEERRIKDIV	16	3
>HSP90AA1-IYLEERRIKEI	304	>HSP90AA1-IYLEERRIKDI	1131	827
>HSP90AA1-IYLEERRIKEIV	27	>HSP90AA1-IYLEERRIKDIV	25	2
>HSP90AA1-IYLEERRIKEIV	233	>HSP90AA1-IYLEERRIKDIV	387	154
>HSP90AA1-IYLEERRIKEI	4	>HSP90AA1-IYLEERRIKDI	9	5
>HSP90AA1-IYLEERRIKEIV	2	>HSP90AA1-IYLEERRIKDIV	3	1
>HSP90AA1-I EYLEERRIKEI	42	>HSP90AA1-I EYLEERRIKDI	136	94
>HSP90AA1-I PFLRSRAPV	10908	>HSP90AA1-ISFLRSRAPV	134	10774
>HSP90AA1-I PFLRSRAPVN	153	>HSP90AA1-ISFLRSRAPVN	251	98
>HSP90AA1-I PFLRSRAPVN	1446	>HSP90AA1-ISFLRSRAPVN	187	1259
>HSP90AA1-I PFLRSRAPV	1344	>HSP90AA1-ISFLRSRAPV	56	1288
>HSP90AA1-I PFLRSRAPV	3166	>HSP90AA1-ISFLRSRAPV	204	2962
>HSP90AA1-I PPFLRSRAPV	357	>HSP90AA1-IPSFLRSRAPV	26056	25699
>HSP90AA1-I SPPFLRSRAPV	242	>HSP90AA1-ISPSFLRSRAPV	235	7
>HSP90AA1-I SPPFLRSRA	2274	>HSP90AA1-ISPSFLRSRA	318	1956
>HSP90AA1-I SPPFLRSRAPV	51	>HSP90AA1-ISPSFLRSRAPV	14	37
>HSP90AA1-I SSPPFLRSR	490	>HSP90AA1-ISSPSFLRSR	411	79
>HSP90AA1-I SSPPFLRSR	647	>HSP90AA1-ISSPSFLRSR	337	310
>HSP90AA1-I SSPPFLRSRA	1213	>HSP90AA1-ISSPSFLRSRA	383	830
>HSP90AA1-I SSPPFLRSR	139	>HSP90AA1-ISSPSFLRSR	195	56
>HSP90AA1-I SSPPFLRSRA	130	>HSP90AA1-ISSPSFLRSRA	176	46
>HSP90AA1-I SSPPFLRSRAF	397	>HSP90AA1-ISSPSFLRSRAF	513	116
>HSP90AA1-I SSPPFLRSR	312	>HSP90AA1-ISSPSFLRSR	540	228
>HSP90AA1-I ASSPPFLR	21	>HSP90AA1-IASSPSFLR	19	2
>HSP90AA1-I ASSPPFLRSR	93	>HSP90AA1-IASSPSFLRSR	95	2
>HSP90AA1-I ASSPPFLR	27	>HSP90AA1-IASSPSFLR	19	8
>HSP90AA1-I ASSPPFLRSR	12	>HSP90AA1-IASSPSFLRSR	14	2
>HSP90AA1-I ASSPPFLR	171	>HSP90AA1-IASSPSFLR	80	91
>HSP90AA1-I ASSPPFLRSR	327	>HSP90AA1-IASSPSFLRSR	521	194
>HSP90AA1-I ASSPPFLRSR/	469	>HSP90AA1-IASSPSFLRSR/	709	240
>HSP90AA1-I ASSPPFLR	67	>HSP90AA1-IASSPSFLR	64	3
>HSP90AA1-I ASSPPFLRS	255	>HSP90AA1-IASSPSFLRS	118	137
>HSP90AA1-I ASSPPFLRSR	89	>HSP90AA1-IASSPSFLRSR	71	18
>HSP90AA1-I EASSPPFLR	566	>HSP90AA1-I EASSPSFLR	354	212
>HSP90AA1-I EASSPPFLR	55	>HSP90AA1-I EASSPSFLR	49	6
>HSP90AA1-I EASSPPFLRSF	140	>HSP90AA1-I EASSPSFLRSF	136	4
>HSP90AA1-I EASSPPFLR	4	>HSP90AA1-I EASSPSFLR	3	1
>HSP90AA1-I EASSPPFLRSF	10	>HSP90AA1-I EASSPSFLRSF	8	2
>HSP90AA1-I EASSPPFL	112	>HSP90AA1-I EASSPSFL	22	90
>HSP90AA1-I EASSPPFL	39	>HSP90AA1-I EASSPSFL	101	62

>HSP90AA1-I SEASSPPFL	82	>HSP90AA1-I SEASSPSFL	47	35
>HSP90AA1-I SEASSPPF	159	>HSP90AA1-I SEASSPSF	194	35
>HSP90AA1-I SEASSPPF	14	>HSP90AA1-I SEASSPSF	13	1
>HSP90AA1-I SEASSPPFL	1133	>HSP90AA1-I SEASSPSFL	485	648
>HSP90AA1-I SEASSPPF	116	>HSP90AA1-I SEASSPSF	203	87
>HSP90AA1-I SEASSPPFL	90	>HSP90AA1-I SEASSPSFL	134	44
>HSP90AA1-I SEASSPPF	374	>HSP90AA1-I SEASSPSF	630	256
>HSP90AA1-I SEASSPPFLR	648	>HSP90AA1-I SEASSPSFLR	495	153
>HSP90AA1-I SEASSPPF	154	>HSP90AA1-I SEASSPSF	107	47
>HSP90AA1-I SEASSPPFL	424	>HSP90AA1-I SEASSPSFL	630	206
>HSP90AA1-I SEASSPPF	88	>HSP90AA1-I SEASSPSF	75	13
>HSP90AA1-I SEASSPPFL	203	>HSP90AA1-I SEASSPSFL	286	83
>HSP90AA1-I SEASSPPF	433	>HSP90AA1-I SEASSPSF	835	402
>HSP90AA1-I SEASSPPFL	366	>HSP90AA1-I SEASSPSFL	1124	758
>HSP90AA1-I SEASSPPFLRS	210	>HSP90AA1-I SEASSPSFLRS	267	57
>HSP90AA1-I SEASSPPFL	86	>HSP90AA1-I SEASSPSFL	133	47
>HSP90AA1-I SEASSPPFLR	382	>HSP90AA1-I SEASSPSFLR	487	105
>HSP90AA1-I PSEASSPPF	48	>HSP90AA1-I PSEASSPSF	61	13
>HSP90AA1-I PSEASSPPFL	431	>HSP90AA1-I PSEASSPSFL	934	503
>HSP90AA1-I SPSEASSPPF	44	>HSP90AA1-I SPSEASSPSF	14	30
>HSP90AA1-I SPSEASSPPFL	9	>HSP90AA1-I SPSEASSPSFL	15	6
>HSP90AA1-I SPSEASSPPF	114	>HSP90AA1-I SPSEASSPSF	290	176
>HSP90AA1-I SPSEASSPPFL	202	>HSP90AA1-I SPSEASSPSFL	66	136
>HSP90AA1-I SPSEASSPPF	122	>HSP90AA1-I SPSEASSPSF	130	8
>HSP90AA1-I SPSEASSPP	516	>HSP90AA1-I SPSEASSPS	62	454
>HSP90AA1-I SPSEASSPPFL	335	>HSP90AA1-I SPSEASSPSFL	301	34
>HSP90AA1-I SPSEASSPPFL	166	>HSP90AA1-I SPSEASSPSFL	149	17
>HSP90AA1-I SPSEASSPP	2188	>HSP90AA1-I SPSEASSPS	451	1737
>HSP90AA1-I SPSEASSPPF	11	>HSP90AA1-I SPSEASSPSF	12	1
>HSP90AA1-I SPSEASSPPF	424	>HSP90AA1-I SPSEASSPSF	369	55
>HSP90AA1-I GSPSEASSPPI	292	>HSP90AA1-I GSPSEASSPSI	233	59
>HSP90AA1-I GSPSEASSPPI	347	>HSP90AA1-I GSPSEASSPSI	538	191
>HSP90AA1-I GSPSEASSPPI	151	>HSP90AA1-I GSPSEASSPSI	173	22
>HSP90AA1-I GSPSEASSPPI	53	>HSP90AA1-I GSPSEASSPSI	71	18
>HSP90AA1-I GSPSEASSPPI	11	>HSP90AA1-I GSPSEASSPSI	14	3
>HSP90AA1-I GSPSEASSPPI	730	>HSP90AA1-I GSPSEASSPSI	195	535
>IDH1-G123E GWVKPIIIGR	30	>IDH1-G123E EWVKPIIIGR	15	15
>IDH1-G123E GWVKPIII	613	>IDH1-G123E EWVKPIII	331	282
>IDH1-G123E SGWVKPII	32510	>IDH1-G123E SEWVKPII	23	32487
>IDH1-G123E SGWVKPIII	13077	>IDH1-G123E SEWVKPIII	37	13040
>IDH1-G123E SGWVKPIIIGF	153	>IDH1-G123E SEWVKPIIIGR	1461	1308
>IDH1-G123E SGWVKPIIIG	27542	>IDH1-G123E SEWVKPIIIG	418	27124
>IDH1-G123E SGWVKPIII	25027	>IDH1-G123E SEWVKPIII	21	25006

>IDH1-G123ESGWVKPIIIGF	85	>IDH1-G123ESEWVKPIIIGR	136	51
>IDH1-G123ESGWVKPII	171	>IDH1-G123ESEWVKPII	1197	1026
>IDH1-G123ESGWVKPIII	208	>IDH1-G123ESEWVKPIII	1550	1342
>IDH1-G123EVSGWVKPI	132	>IDH1-G123EVSEWVKPI	116	16
>IDH1-G123EVSGWVKPII	117	>IDH1-G123EVSEWVKPII	81	36
>IDH1-G123EVSGWVKPIII	58	>IDH1-G123EVSEWVKPIII	66	8
>IDH1-G123ELVSGWVKPI	1080	>IDH1-G123ELVSEWVKPI	204	876
>IDH1-G123ELVSGWVKPII	34	>IDH1-G123ELVSEWVKPII	13	21
>IDH1-G123ELVSGWVKPIII	350	>IDH1-G123ELVSEWVKPIII	143	207
>IDH1-G123ELVSGWVKPI	286	>IDH1-G123ELVSEWVKPI	56	230
>IDH1-G123ELVSGWVKPII	485	>IDH1-G123ELVSEWVKPII	505	20
>IDH1-G123ELVSGWVKPIII	94	>IDH1-G123ELVSEWVKPIII	27	67
>IDH1-G123ELVSGWVKPI	510	>IDH1-G123ELVSEWVKPII	187	323
>IDH1-G123ELVSGWVKPII	578	>IDH1-G123ELVSEWVKPIII	216	362
>IDH1-G123ELVSGWVKPIII	175	>IDH1-G123ELVSEWVKPII	194	19
>IDH1-G123ELVSGWVKPI	204	>IDH1-G123ELVSEWVKPII	237	33
>IDH1-G123ELVSGWVKPII	476	>IDH1-G123ELVSEWVKPIII	538	62
>IDH1-G123ELVSGWVKPIII	412	>IDH1-G123ELVSEWVKPI	1023	611
>IDH1-G123ELVSGWVKPI	190	>IDH1-G123ELVSEWVKPII	161	29
>IDH1-G123ELVSGWVKPII	692	>IDH1-G123ELVSEWVKPII	84	608
>IDH1-G123ELVSGWVKPIII	1913	>IDH1-G123ELVSEWVKPII	392	1521
>IDH1-G123ELVSGWVKPI	110	>IDH1-G123ELVSEWVKPII	169	59
>IDH1-G123ELVSGWVKPII	103	>IDH1-G123ELVSEWVKPII	122	19
>IDH1-G123ELVSGWVKPIII	157	>IDH1-G123ELVSEWVKPII	302	145
>IDH1-G123ELVSGWVKPI	162	>IDH1-G123ELVSEWVKPII	283	121
>IDH1-G123ELVSGWVKPII	10	>IDH1-G123ELVSEWVKPII	15	5
>IDH1-G123ELVSGWVKPIII	35	>IDH1-G123ELVSEWVKPII	63	28
>IDH1-G123ELVSGWVKPI	102	>IDH1-G123ELVSEWVKPII	105	3
>IDH1-G123ELVSGWVKPII	96	>IDH1-G123ELVSEWVKPII	162	66
>IDH1-G123ELVSGWVKPIII	65	>IDH1-G123ELVSEWVKPII	126	61
>IDH1-G123ELVSGWVKPI	39	>IDH1-G123ELVSEWVKPII	85	46
>IDH1-G123ELVSGWVKPII	51	>IDH1-G123ELVSEWVKPII	87	36
>IDH1-G123ELVSGWVKPIII	72	>IDH1-G123ELVSEWVK	154	82
>IDH1-G123ELVSGWVK	115	>IDH1-G123ELVSEWVK	175	60
>IDH1-G123ELVSGWVK	255	>IDH1-G123ELVSEWVK	797	542
>IDH1-G123ELVSGWVK	196	>IDH1-G123ELVSEWVK	593	397
>IDH1-G123ELVSGWVK	90	>IDH1-G123ELVSEWVKPI	112	22
>IDH1-G123ELVSGWVKPI	294	>IDH1-G123ELVSEWVKPI	206	88
>IDH1-G123ELVSGWVKPII	802	>IDH1-G123ELVSEWVK	350	452
>IDH1-G123ELVSGWVKPIII	138	>IDH1-G123ELVSEWVK	124	14
>IDH1-G123ELVSGWVK	22	>IDH1-G123ELVSEWVK	136	114
>IDH1-G123ELVSGWVK	145	>IDH1-G123ELVSEWVK	49	96
>IDH1-G123ELVSGWVK	220	>IDH1-G123ELVSEWVK	1169	949



>IDH1-G123EIPRLVSGW	49	>IDH1-G123EIPRLVSEW	12	37
>IDH1-G123ENIPRLVSGW\	347	>IDH1-G123ENIPRLVSEWV	704	357
>IDH1-G123ENIPRLVSGW\	384	>IDH1-G123ENIPRLVSEWV	186	198
>IDH1-G123ENIPRLVSGW\	374	>IDH1-G123ENIPRLVSEWV	118	256
>IDH1-G123ENIPRLVSGW\	146	>IDH1-G123ENIPRLVSEWV	306	160
>IDH1-G123EKNIPRLVSGW	102	>IDH1-G123EKNIPRLVSEW	136	34
>IDH1-G123EKNIPRLVSGW	288	>IDH1-G123EKNIPRLVSEW	249	39
>IDH1-G123EKNIPRLVSGW	59	>IDH1-G123EKNIPRLVSEW	41	18
>IDH1-G97D-GTIRNILGGT\	322	>IDH1-G97D-DTIRNILGGT\	5411	5089
>IDH1-G97D-GTIRNILGGT\	138	>IDH1-G97D-DTIRNILGGT\	2732	2594
>IDH1-G97D-GTIRNILGGT\	191	>IDH1-G97D-DTIRNILGGT\	7084	6893
>IDH1-G97D-GTIRNILGGT\	8359	>IDH1-G97D-DTIRNILGGT\	409	7950
>IDH1-G97D-GTIRNILGGT	3927	>IDH1-G97D-DTIRNILGGT	85	3842
>IDH1-G97D-GTIRNILGGT\	4660	>IDH1-G97D-DTIRNILGGT\	144	4516
>IDH1-G97D-GTIRNILGGT	1155	>IDH1-G97D-DTIRNILGGT	302	853
>IDH1-G97D-GTIRNILGGT\	1955	>IDH1-G97D-DTIRNILGGT\	32	1923
>IDH1-G97D-GTIRNILGGT\	2887	>IDH1-G97D-DTIRNILGGT\	35	2852
>IDH1-G97D-GTIRNILGGT\	477	>IDH1-G97D-DTIRNILGGT\	8736	8259
>IDH1-G97D-KLKQMWKSF	204	>IDH1-G97D-KLKQMWKSF	1242	1038
>IDH1-G97D-SPNGTIRNI	245	>IDH1-G97D-SPNDTIRNI	540	295
>IDH1-G97D-SPNGTIRNIL	23	>IDH1-G97D-SPNDTIRNIL	28	5
>IDH1-G97D-SPNGTIRNIL	247	>IDH1-G97D-SPNDTIRNIL	371	124
>IDH1-G97D-KSPNGTIR	174	>IDH1-G97D-KSPNDTIR	394	220
>IDH1-G97D-KSPNGTIRNI	81	>IDH1-G97D-KSPNDTIRNI	128	47
>IDH1-G97D-KSPNGTIRNIL	172	>IDH1-G97D-KSPNDTIRNIL	217	45
>IDH1-G97D-KSPNGTIRNI	19	>IDH1-G97D-KSPNDTIRNI	29	10
>IDH1-G97D-KSPNGTIRNIL	6	>IDH1-G97D-KSPNDTIRNIL	8	2
>IDH1-G97D-KSPNGTIR	551	>IDH1-G97D-KSPNDTIR	305	246
>IDH1-G97D-KSPNGTIRNI	464	>IDH1-G97D-KSPNDTIRNI	708	244
>IDH1-G97D-WKSPNGTI	137	>IDH1-G97D-WKSPNDTI	206	69
>IDH1-G97D-WKSPNGTIR	80	>IDH1-G97D-WKSPNDTIR	722	642
>IDH1-G97D-WKSPNGTIR\	52	>IDH1-G97D-WKSPNDTIR\	104	52
>IDH1-G97D-MWKSPNGTI	324	>IDH1-G97D-MWKSPNDTI	202	122
>IDH1-G97D-MWKSPNGTI	304	>IDH1-G97D-MWKSPNDTI	633	329
>IDH1-G97D-MWKSPNGTI	43	>IDH1-G97D-MWKSPNDTI	29	14
>IDH1-G97D-MWKSPNGT	390	>IDH1-G97D-MWKSPNDT	528	138
>IDH1-G97D-MWKSPNGTI	180	>IDH1-G97D-MWKSPNDTI	130	50
>IDH1-G97D-QMWKSPNG`	332	>IDH1-G97D-QMWKSPND`	196	136
>IDH1-G97D-QMWKSPNG`	141	>IDH1-G97D-QMWKSPND`	397	256
>IDH1-G97D-QMWKSPNG`	369	>IDH1-G97D-QMWKSPND`	4023	3654
>IDH1-G97D-QMWKSPNG`	13	>IDH1-G97D-QMWKSPND`	17	4
>IDH1-G97D-QMWKSPNG`	102	>IDH1-G97D-QMWKSPND`	53	49
>IDH1-G97D-QMWKSPNG`	223	>IDH1-G97D-QMWKSPND`	111	112

>IDH1-G97D-QMWKSPNG	426	>IDH1-G97D-QMWKSPND	145	281
>IDH1-G97D-QMWKSPNG	418	>IDH1-G97D-QMWKSPND	364	54
>IDH1-G97D-QMWKSPNG	46	>IDH1-G97D-QMWKSPND	67	21
>IDH1-G97D-QMWKSPNG	88	>IDH1-G97D-QMWKSPND	34	54
>IDH1-G97D-QMWKSPNG	470	>IDH1-G97D-QMWKSPND	948	478
>IDH1-G97D-QMWKSPNG	79	>IDH1-G97D-QMWKSPND	49	30
>IDH1-G97D-QMWKSPNG	88	>IDH1-G97D-QMWKSPND	204	116
>IDH1-G97D-QMWKSPNG	46	>IDH1-G97D-QMWKSPND	35	11
>IDH1-G97D-KQMWKSPNI	298	>IDH1-G97D-KQMWKSPNI	123	175
>IDH1-G97D-KQMWKSPNI	470	>IDH1-G97D-KQMWKSPNI	1480	1010
>IDH1-G97D-KQMWKSPNI	253	>IDH1-G97D-KQMWKSPNI	494	241
>IDH1-G97D-KQMWKSPNI	21	>IDH1-G97D-KQMWKSPNI	11	10
>IDH1-G97D-KQMWKSPNI	311	>IDH1-G97D-KQMWKSPNI	229	82
>IDH1-G97D-KQMWKSPNI	598	>IDH1-G97D-KQMWKSPNI	221	377
>IDH1-G97D-KQMWKSPNI	26	>IDH1-G97D-KQMWKSPNI	14	12
>IDH1-G97D-KQMWKSPNI	271	>IDH1-G97D-KQMWKSPNI	186	85
>IDH1-G97D-KQMWKSPNI	684	>IDH1-G97D-KQMWKSPNI	426	258
>IDH1-G97D-KQMWKSPNI	246	>IDH1-G97D-KQMWKSPNI	432	186
>IDH1-I99M-IRNILGGTVFF	1994	>IDH1-I99M-MRNILGGTVI	298	1696
>IDH1-I99M-IRNILGGTVF	30	>IDH1-I99M-MRNILGGTVI	24	6
>IDH1-I99M-IRNILGGTVF	79	>IDH1-I99M-MRNILGGTVI	46	33
>IDH1-I99M-IRNILGGTVFF	459	>IDH1-I99M-MRNILGGTVI	262	197
>IDH1-I99M-IRNILGGTVF	201	>IDH1-I99M-MRNILGGTVI	236	35
>IDH1-I99M-IRNILGGTVFF	449	>IDH1-I99M-MRNILGGTVI	282	167
>IDH1-I99M-TIRNILGGTV	2103	>IDH1-I99M-TMRNILGGTV	279	1824
>IDH1-I99M-TIRNILGGT	1016	>IDH1-I99M-TMRNILGGT	73	943
>IDH1-I99M-TIRNILGGTV	122	>IDH1-I99M-TMRNILGGTV	31	91
>IDH1-I99M-TIRNILGGTV	1095	>IDH1-I99M-TMRNILGGTV	20	1075
>IDH1-I99M-TIRNILGGTV	7982	>IDH1-I99M-TMRNILGGTV	112	7870
>IDH1-I99M-TIRNILGGTV	5229	>IDH1-I99M-TMRNILGGTV	167	5062
>IDH1-I99M-TIRNILGGTV	279	>IDH1-I99M-TMRNILGGTV	8	271
>IDH1-I99M-TIRNILGGTVF	133	>IDH1-I99M-TMRNILGGTV	38	95
>IDH1-I99M-TIRNILGGTVF	565	>IDH1-I99M-TMRNILGGTV	76	489
>IDH1-I99M-TIRNILGGTVF	338	>IDH1-I99M-TMRNILGGTV	17	321
>IDH1-I99M-TIRNILGGTVF	58	>IDH1-I99M-TMRNILGGTV	124	66
>IDH1-I99M-KQMWKSPNI	298	>IDH1-I99M-KQMWKSPNI	1390	1092
>IDH1-I99M-KQMWKSPNI	253	>IDH1-I99M-KQMWKSPNI	3078	2825
>IDH1-I99M-KQMWKSPNI	21	>IDH1-I99M-KQMWKSPNI	86	65
>IDH1-I99M-KQMWKSPNI	311	>IDH1-I99M-KQMWKSPNI	2473	2162
>IDH1-I99M-KQMWKSPNI	26	>IDH1-I99M-KQMWKSPNI	244	218
>IDH1-I99M-KQMWKSPNI	1387	>IDH1-I99M-KQMWKSPNI	133	1254
>IDH1-I99M-KQMWKSPNI	271	>IDH1-I99M-KQMWKSPNI	79	192
>IDH1-I99M-KQMWKSPNI	1198	>IDH1-I99M-KQMWKSPNI	458	740

>IDH1-I99M- KQMWKSPNG	246	>IDH1-I99M- KQMWKSPNG	6221	5975
>IDH1-I99M- GTIRNILGGT	540	>IDH1-I99M- GTMRNILGG	177	363
>IDH1-I99M- GTIRNILGGT\	322	>IDH1-I99M- GTMRNILGG	149	173
>IDH1-I99M- GTIRNILGGT\	510	>IDH1-I99M- GTMRNILGG	277	233
>IDH1-I99M- GTIRNILGGT\	138	>IDH1-I99M- GTMRNILGG	62	76
>IDH1-I99M- GTIRNILGGT\	191	>IDH1-I99M- GTMRNILGG	78	113
>IDH1-I99M- GTIRNILGGT\	646	>IDH1-I99M- GTMRNILGG	397	249
>IDH1-I99M- GTIRNILGGT\	477	>IDH1-I99M- GTMRNILGG	193	284
>IDH1-I99M- SPNGTIRNI	245	>IDH1-I99M- SPNGTMRNI	91	154
>IDH1-I99M- SPNGTIRNIL	23	>IDH1-I99M- SPNGTMRNII	22	1
>IDH1-I99M- SPNGTIRNIL	247	>IDH1-I99M- SPNGTMRNII	225	22
>IDH1-I99M- KSPNGTIR	174	>IDH1-I99M- KSPNGTMR	153	21
>IDH1-I99M- KSPNGTIRNI	81	>IDH1-I99M- KSPNGTMRN	84	3
>IDH1-I99M- KSPNGTIRNIL	172	>IDH1-I99M- KSPNGTMRN	227	55
>IDH1-I99M- KSPNGTIRNI	19	>IDH1-I99M- KSPNGTMRN	27	8
>IDH1-I99M- KSPNGTIRNIL	6	>IDH1-I99M- KSPNGTMRN	7	1
>IDH1-I99M- KSPNGTIRNI	464	>IDH1-I99M- KSPNGTMRN	469	5
>IDH1-I99M- WKSPNGTI	137	>IDH1-I99M- WKSPNGTM	44	93
>IDH1-I99M- WKSPNGTIR	80	>IDH1-I99M- WKSPNGTMF	111	31
>IDH1-I99M- WKSPNGTIRM	52	>IDH1-I99M- WKSPNGTMF	66	14
>IDH1-I99M- MWKSPNGTI	324	>IDH1-I99M- MWKSPNGTI	3457	3133
>IDH1-I99M- MWKSPNGTI	304	>IDH1-I99M- MWKSPNGTI	140	164
>IDH1-I99M- MWKSPNGTI	2489	>IDH1-I99M- MWKSPNGTI	172	2317
>IDH1-I99M- MWKSPNGTI	43	>IDH1-I99M- MWKSPNGTI	53	10
>IDH1-I99M- MWKSPNGTI	180	>IDH1-I99M- MWKSPNGTI	174	6
>IDH1-I99M- QMWKSPNG	332	>IDH1-I99M- QMWKSPNG	837	505
>IDH1-I99M- QMWKSPNG	141	>IDH1-I99M- QMWKSPNG	955	814
>IDH1-I99M- QMWKSPNG	13	>IDH1-I99M- QMWKSPNG	97	84
>IDH1-I99M- QMWKSPNG	102	>IDH1-I99M- QMWKSPNG	1204	1102
>IDH1-I99M- QMWKSPNG	223	>IDH1-I99M- QMWKSPNG	2009	1786
>IDH1-I99M- QMWKSPNG	426	>IDH1-I99M- QMWKSPNG	1687	1261
>IDH1-I99M- QMWKSPNG	418	>IDH1-I99M- QMWKSPNG	3016	2598
>IDH1-I99M- QMWKSPNG	46	>IDH1-I99M- QMWKSPNG	37	9
>IDH1-I99M- QMWKSPNG	88	>IDH1-I99M- QMWKSPNG	1161	1073
>IDH1-I99M- QMWKSPNG	470	>IDH1-I99M- QMWKSPNG	1032	562
>IDH1-I99M- QMWKSPNG	747	>IDH1-I99M- QMWKSPNG	89	658
>IDH1-I99M- QMWKSPNG	79	>IDH1-I99M- QMWKSPNG	26	53
>IDH1-I99M- QMWKSPNG	88	>IDH1-I99M- QMWKSPNG	109	21
>IDH1-I99M- QMWKSPNG	46	>IDH1-I99M- QMWKSPNG	59	13
>IDH1-R132C RHAYGDQY	803	>IDH1-R132C CHAYGDQY	499	304
>IDH1-R132C RHAYGDQY	304	>IDH1-R132C CHAYGDQY	555	251
>IDH1-R132C RHAYGDQY	220	>IDH1-R132C CHAYGDQY	1333	1113
>IDH1-R132C RHAYGDQY	167	>IDH1-R132C CHAYGDQY	215	48

>IDH1-R132C RHAYGDQYR	135	>IDH1-R132C CHAYGDQYR	438	303
>IDH1-R132C GRHAYGDQY	382	>IDH1-R132C GCHAYGDQY	23057	22675
>IDH1-R132C GRHAYGDQY	38	>IDH1-R132C GCHAYGDQY	23172	23134
>IDH1-R132C GRHAYGDQY	2893	>IDH1-R132C GCHAYGDQY	254	2639
>IDH1-R132C GRHAYGDQY	418	>IDH1-R132C GCHAYGDQY	33079	32661
>IDH1-R132C SGWVKPIIIGF	153	>IDH1-R132C SGWVKPIIIGC	21750	21597
>IDH1-R132C SGWVKPIIIGF	85	>IDH1-R132C SGWVKPIIIGC	33154	33069
>IDH1-R132C IGRHAYGDQ\	273	>IDH1-R132C IGCHAYGDQ\	531	258
>IDH1-R132C IGRHAYGDQ\	406	>IDH1-R132C IGCHAYGDQ\	1744	1338
>IDH1-R132C IGRHAYGDQ\	665	>IDH1-R132C IGCHAYGDQ\	262	403
>IDH1-R132C IIGRHAYGDQ	102	>IDH1-R132C IIGCHAYGDQ	54	48
>IDH1-R132C IIGRHAYGDQ	292	>IDH1-R132C IIGCHAYGDQ	514	222
>IDH1-R132C IIGRHAYGDQ	541	>IDH1-R132C IIGCHAYGDQ	361	180
>IDH1-R132C IIIGRHAY	23	>IDH1-R132C IIIGCHAY	23	0
>IDH1-R132C IIIGRHAY	214	>IDH1-R132C IIIGCHAY	891	677
>IDH1-R132C IIIGRHAY	13	>IDH1-R132C IIIGCHAY	9	4
>IDH1-R132C IIIGRHAY	35	>IDH1-R132C IIIGCHAY	13	22
>IDH1-R132C IIIGRHAY	101	>IDH1-R132C IIIGCHAY	88	13
>IDH1-R132C IIIGRHAY	223	>IDH1-R132C IIIGCHAY	499	276
>IDH1-R132C IIIGRHAY	269	>IDH1-R132C IIIGCHAY	407	138
>IDH1-R132C IIIGRHAY	476	>IDH1-R132C IIIGCHAY	123	353
>IDH1-R132C IIIGRHAY	233	>IDH1-R132C IIIGCHAY	369	136
>IDH1-R132C PIIIGRHAY	106	>IDH1-R132C PIIIGCHAY	185	79
>IDH1-R132C PIIIGRHAY	30	>IDH1-R132C PIIIGCHAY	19	11
>IDH1-R132C PIIIGRHAY	24	>IDH1-R132C PIIIGCHAY	31	7
>IDH1-R132C KPIIIGRHAY	96	>IDH1-R132C KPIIIGCHAY	189	93
>IDH1-R132C KPIIIGRHAY	390	>IDH1-R132C KPIIIGCHAY	106	284
>IDH1-R132C KPIIIGRHAY	998	>IDH1-R132C KPIIIGCHAY	451	547
>IDH1-R132C KPIIIGRHA	114	>IDH1-R132C KPIIIGCHA	38	76
>IDH1-R132C KPIIIGRHAY	10	>IDH1-R132C KPIIIGCHAY	15	5
>IDH1-R132C VKPIIIGRHAY	87	>IDH1-R132C VKPIIIGCHAY	116	29
>IDH1-R132C VKPIIIGRHAY	302	>IDH1-R132C VKPIIIGCHAY	324	22
>IDH1-R132C WVKPIIIGRH/	606	>IDH1-R132C WVKPIIIGCH/	463	143
>IDH1-R132C WVKPIIIGR	134	>IDH1-R132C WVKPIIIGC	22497	22363
>IDH1-R132C WVKPIIIGR	442	>IDH1-R132C WVKPIIIGC	31155	30713
>IDH1-R132C WVKPIIIGR	44	>IDH1-R132C WVKPIIIGC	29413	29369
>IDH1-R132C WVKPIIIGRH/	798	>IDH1-R132C WVKPIIIGCH/	320	478
>IDH1-R132C WVKPIIIGR	131	>IDH1-R132C WVKPIIIGC	35378	35247
>IDH1-R132C GWVKPIIIGR	30	>IDH1-R132C GWVKPIIIGC	28357	28327
>IDH1-R132C RHAYGDQY	803	>IDH1-R132C GHAYGDQY	200	603
>IDH1-R132C RHAYGDQY	304	>IDH1-R132C GHAYGDQY	717	413
>IDH1-R132C RHAYGDQY	220	>IDH1-R132C GHAYGDQY	2390	2170
>IDH1-R132C RHAYGDQY	167	>IDH1-R132C GHAYGDQY	4041	3874

>IDH1-R132C RHAYGDQYR	135	>IDH1-R132C GHAYGDQYR	3952	3817
>IDH1-R132C GRHAYGDQY	382	>IDH1-R132C GGHAYGDQY	22293	21911
>IDH1-R132C GRHAYGDQY	38	>IDH1-R132C GGHAYGDQY	21219	21181
>IDH1-R132C GRHAYGDQY	418	>IDH1-R132C GGHAYGDQY	30669	30251
>IDH1-R132C SGWVKPIIIGF	153	>IDH1-R132C SGWVKPIIIGC	22197	22044
>IDH1-R132C SGWVKPIIIGF	85	>IDH1-R132C SGWVKPIIIGC	31562	31477
>IDH1-R132C IGRHAYGDQ'	273	>IDH1-R132C IGGHAYGDQ'	1654	1381
>IDH1-R132C IGRHAYGDQ'	406	>IDH1-R132C IGGHAYGDQ'	5468	5062
>IDH1-R132C IGRHAYGDQ'	665	>IDH1-R132C IGGHAYGDQ'	281	384
>IDH1-R132C IIGRHAYGDQ	102	>IDH1-R132C IIGGHAYGDC	40	62
>IDH1-R132C IIGRHAYGDQ	292	>IDH1-R132C IIGGHAYGDC	678	386
>IDH1-R132C IIGRHAYGDQ	541	>IDH1-R132C IIGGHAYGDC	473	68
>IDH1-R132C IIIGRHAY	23	>IDH1-R132C IIIGGHAY	13	10
>IDH1-R132C IIIGRHAY	214	>IDH1-R132C IIIGGHAY	171	43
>IDH1-R132C IIIGRHAY	13	>IDH1-R132C IIIGGHAY	8	5
>IDH1-R132C IIIGRHAY	35	>IDH1-R132C IIIGGHAY	18	17
>IDH1-R132C IIIGRHAY	1059	>IDH1-R132C IIIGGHAY	495	564
>IDH1-R132C IIIGRHAY	101	>IDH1-R132C IIIGGHAY	69	32
>IDH1-R132C IIIGRHAY	223	>IDH1-R132C IIIGGHAY	59	164
>IDH1-R132C IIIGRHAY	269	>IDH1-R132C IIIGGHAY	125	144
>IDH1-R132C IIIGRHAY	476	>IDH1-R132C IIIGGHAY	144	332
>IDH1-R132C IIIGRHAY	233	>IDH1-R132C IIIGGHAY	375	142
>IDH1-R132C PIIIGRHAY	106	>IDH1-R132C PIIIGGHAY	137	31
>IDH1-R132C PIIIGRHAY	30	>IDH1-R132C PIIIGGHAY	18	12
>IDH1-R132C PIIIGRHAY	24	>IDH1-R132C PIIIGGHAY	42	18
>IDH1-R132C PIIIGRHAY	1476	>IDH1-R132C PIIIGGHAY	255	1221
>IDH1-R132C KPIIIGRHAY	96	>IDH1-R132C KPIIIGGHAY	123	27
>IDH1-R132C KPIIIGRHAY	390	>IDH1-R132C KPIIIGGHAY	100	290
>IDH1-R132C KPIIIGRHA	114	>IDH1-R132C KPIIIGGHA	83	31
>IDH1-R132C KPIIIGRHAY	10	>IDH1-R132C KPIIIGGHAY	13	3
>IDH1-R132C VKPIIIGRHAY	87	>IDH1-R132C VKPIIIGGHAY	127	40
>IDH1-R132C VKPIIIGRHAY	302	>IDH1-R132C VKPIIIGGHAY	213	89
>IDH1-R132C WVKPIIIGRH/	606	>IDH1-R132C WVKPIIIGGH/	345	261
>IDH1-R132C WVKPIIIGR	134	>IDH1-R132C WVKPIIIGG	21951	21817
>IDH1-R132C WVKPIIIGR	442	>IDH1-R132C WVKPIIIGG	29885	29443
>IDH1-R132C WVKPIIIGR	44	>IDH1-R132C WVKPIIIGG	26337	26293
>IDH1-R132C WVKPIIIGRH/	798	>IDH1-R132C WVKPIIIGGH/	283	515
>IDH1-R132C WVKPIIIGR	131	>IDH1-R132C WVKPIIIGG	33713	33582
>IDH1-R132C GWVKPIIIGR	30	>IDH1-R132C GWVKPIIIGG	23951	23921
>IDH1-R132F RHAYGDQY	803	>IDH1-R132F HHAYGDQY	405	398
>IDH1-R132F RHAYGDQY	304	>IDH1-R132F HHAYGDQY	573	269
>IDH1-R132F RHAYGDQYR	3476	>IDH1-R132F HHAYGDQYR	311	3165
>IDH1-R132F RHAYGDQY	220	>IDH1-R132F HHAYGDQY	823	603

>IDH1-R132F RHAYGDQYR	3268	>IDH1-R132F HHAYGDQYR	321	2947
>IDH1-R132F RHAYGDQY	167	>IDH1-R132F HHAYGDQY	356	189
>IDH1-R132F RHAYGDQYR	135	>IDH1-R132F HHAYGDQYR	143	8
>IDH1-R132F GRHAYGDQY	382	>IDH1-R132F GHHAYGDQY	20387	20005
>IDH1-R132F GRHAYGDQY	38	>IDH1-R132F GHHAYGDQY	3535	3497
>IDH1-R132F GRHAYGDQY	418	>IDH1-R132F GHHAYGDQY	24243	23825
>IDH1-R132F SGWVKPIIIGF	153	>IDH1-R132F SGWVKPIIIGF	12892	12739
>IDH1-R132F SGWVKPIIIGF	85	>IDH1-R132F SGWVKPIIIGF	22014	21929
>IDH1-R132F IGRHAYGDQ'	273	>IDH1-R132F IGHHAYGDQ'	431	158
>IDH1-R132F IGRHAYGDQ'	406	>IDH1-R132F IGHHAYGDQ'	1282	876
>IDH1-R132F IGRHAYGDQ'	665	>IDH1-R132F IGHHAYGDQ'	283	382
>IDH1-R132F IIGRHAYGDQ	102	>IDH1-R132F IIGHHAYGDC	48	54
>IDH1-R132F IIGRHAYGDQ	1055	>IDH1-R132F IIGHHAYGDC	481	574
>IDH1-R132F IIGRHAYGDQ	292	>IDH1-R132F IIGHHAYGDC	258	34
>IDH1-R132F IIGRHAYGDQ	541	>IDH1-R132F IIGHHAYGDC	359	182
>IDH1-R132F IIIGRHAY	23	>IDH1-R132F IIIGHHAY	6	17
>IDH1-R132F IIIGRHAY	214	>IDH1-R132F IIIGHHAY	613	399
>IDH1-R132F IIIGRHAY	13	>IDH1-R132F IIIGHHAY	8	5
>IDH1-R132F IIIGRHAY	35	>IDH1-R132F IIIGHHAY	49	14
>IDH1-R132F IIIGRHAY	101	>IDH1-R132F IIIGHHAY	70	31
>IDH1-R132F IIIGRHAY	223	>IDH1-R132F IIIGHHAY	167	56
>IDH1-R132F IIIGRHAY	269	>IDH1-R132F IIIGHHAY	174	95
>IDH1-R132F IIIGRHAY	476	>IDH1-R132F IIIGHHAY	140	336
>IDH1-R132F IIIGRHAY	233	>IDH1-R132F IIIGHHAY	168	65
>IDH1-R132F PIIIGRHAY	106	>IDH1-R132F PIIIGHHAY	41	65
>IDH1-R132F PIIIGRHAY	30	>IDH1-R132F PIIIGHHAY	13	17
>IDH1-R132F PIIIGRHAY	24	>IDH1-R132F PIIIGHHAY	40	16
>IDH1-R132F KPIIIGRHAY	96	>IDH1-R132F KPIIIGHHAY	210	114
>IDH1-R132F KPIIIGRHAY	390	>IDH1-R132F KPIIIGHHAY	146	244
>IDH1-R132F KPIIIGRHA	114	>IDH1-R132F KPIIIGHHA	27	87
>IDH1-R132F KPIIIGRHAY	10	>IDH1-R132F KPIIIGHHAY	12	2
>IDH1-R132F KPIIIGRHAY	798	>IDH1-R132F KPIIIGHHAY	471	327
>IDH1-R132F VKPIIIGRHAY	87	>IDH1-R132F VKPIIIGHHAY	121	34
>IDH1-R132F VKPIIIGRHAY	302	>IDH1-R132F VKPIIIGHHAY	228	74
>IDH1-R132F WVKPIIIGRH/	606	>IDH1-R132F WVKPIIIGHH/	321	285
>IDH1-R132F WVKPIIIGR	134	>IDH1-R132F WVKPIIIGH	11456	11322
>IDH1-R132F WVKPIIIGR	442	>IDH1-R132F WVKPIIIGH	21543	21101
>IDH1-R132F WVKPIIIGR	44	>IDH1-R132F WVKPIIIGH	8750	8706
>IDH1-R132F WVKPIIIGRH/	798	>IDH1-R132F WVKPIIIGHH/	109	689
>IDH1-R132F WVKPIIIGR	131	>IDH1-R132F WVKPIIIGH	25568	25437
>IDH1-R132F GWVKPIIIGR	30	>IDH1-R132F GWVKPIIIGH	9540	9510
>IDH1-R132L RHAYGDQY	803	>IDH1-R132L LHAYGDQY	221	582
>IDH1-R132L RHAYGDQY	304	>IDH1-R132L LHAYGDQY	557	253

>IDH1-R132L RHAYGDQY	220	>IDH1-R132L LHAYGDQY	496	276
>IDH1-R132L RHAYGDQY	167	>IDH1-R132L LHAYGDQY	106	61
>IDH1-R132L RHAYGDQYR	135	>IDH1-R132L LHAYGDQYR	1107	972
>IDH1-R132L GRHAYGDQY	23778	>IDH1-R132L GLHAYGDQY	352	23426
>IDH1-R132L GRHAYGDQY	24018	>IDH1-R132L GLHAYGDQY	77	23941
>IDH1-R132L GRHAYGDQY	20411	>IDH1-R132L GLHAYGDQY	116	20295
>IDH1-R132L GRHAYGDQY	22151	>IDH1-R132L GLHAYGDQY	30	22121
>IDH1-R132L GRHAYGDQY	22804	>IDH1-R132L GLHAYGDQY	147	22657
>IDH1-R132L GRHAYGDQY	25377	>IDH1-R132L GLHAYGDQY	307	25070
>IDH1-R132L GRHAYGDQY	30839	>IDH1-R132L GLHAYGDQY	19	30820
>IDH1-R132L GRHAYGDQY	3375	>IDH1-R132L GLHAYGDQY	92	3283
>IDH1-R132L GRHAYGDQY	11555	>IDH1-R132L GLHAYGDQY	147	11408
>IDH1-R132L GRHAYGDQY	3253	>IDH1-R132L GLHAYGDQY	76	3177
>IDH1-R132L GRHAYGDQY	382	>IDH1-R132L GLHAYGDQY	17695	17313
>IDH1-R132L GRHAYGDQY	38	>IDH1-R132L GLHAYGDQY	19501	19463
>IDH1-R132L GRHAYGDQY	418	>IDH1-R132L GLHAYGDQY	27052	26634
>IDH1-R132L GRHAYGDQY	3688	>IDH1-R132L GLHAYGDQY	108	3580
>IDH1-R132L SGWVKPIIIGF	153	>IDH1-R132L SGWVKPIIIGL	16498	16345
>IDH1-R132L SGWVKPIIIGF	85	>IDH1-R132L SGWVKPIIIGL	25728	25643
>IDH1-R132L IGRHAYGDQ`	273	>IDH1-R132L IGLHAYGDQY	415	142
>IDH1-R132L IGRHAYGDQ`	406	>IDH1-R132L IGLHAYGDQY	741	335
>IDH1-R132L IGRHAYGDQ`	665	>IDH1-R132L IGLHAYGDQY	158	507
>IDH1-R132L IIGRHAYGDQ	102	>IDH1-R132L IIGLHAYGDQ`	65	37
>IDH1-R132L IIGRHAYGDQ	292	>IDH1-R132L IIGLHAYGDQ`	874	582
>IDH1-R132L IIIGRHAY	23	>IDH1-R132L IIIGLHAY	9	14
>IDH1-R132L IIIGRHAY	214	>IDH1-R132L IIIGLHAY	236	22
>IDH1-R132L IIIGRHAY	13	>IDH1-R132L IIIGLHAY	9	4
>IDH1-R132L IIIGRHAY	35	>IDH1-R132L IIIGLHAY	24	11
>IDH1-R132L IIIGRHAY	1059	>IDH1-R132L IIIGLHAY	210	849
>IDH1-R132L IIIGRHAY	101	>IDH1-R132L IIIGLHAY	94	7
>IDH1-R132L IIIGRHAY	223	>IDH1-R132L IIIGLHAY	349	126
>IDH1-R132L IIIGRHAY	269	>IDH1-R132L IIIGLHAY	258	11
>IDH1-R132L IIIGRHAY	476	>IDH1-R132L IIIGLHAY	203	273
>IDH1-R132L IIIGRHAY	233	>IDH1-R132L IIIGLHAY	128	105
>IDH1-R132L PIIIGRHAY	1231	>IDH1-R132L PIIIGLHAY	190	1041
>IDH1-R132L PIIIGRHAY	106	>IDH1-R132L PIIIGLHAY	7	99
>IDH1-R132L PIIIGRHAY	30	>IDH1-R132L PIIIGLHAY	19	11
>IDH1-R132L PIIIGRHAY	24	>IDH1-R132L PIIIGLHAY	28	4
>IDH1-R132L KPIIIGRHAY	2204	>IDH1-R132L KPIIIGLHAY	257	1947
>IDH1-R132L KPIIIGRHAY	96	>IDH1-R132L KPIIIGLHAY	195	99
>IDH1-R132L KPIIIGRHAY	390	>IDH1-R132L KPIIIGLHAY	107	283
>IDH1-R132L KPIIIGRHA	114	>IDH1-R132L KPIIIGLHA	159	45
>IDH1-R132L KPIIIGRHAY	10	>IDH1-R132L KPIIIGLHAY	14	4

>IDH1-R132L KPIIIGRHAY	798	>IDH1-R132L KPIIIGLHAY	439	359
>IDH1-R132L VKPIIIGRHAY	87	>IDH1-R132L VKPIIIGLHAY	99	12
>IDH1-R132L VKPIIIGRHAY	302	>IDH1-R132L VKPIIIGLHAY	402	100
>IDH1-R132L WVKPIIIGR	16241	>IDH1-R132L WVKPIIIGL	166	16075
>IDH1-R132L WVKPIIIGRHAY	606	>IDH1-R132L WVKPIIIGLHAY	439	167
>IDH1-R132L WVKPIIIGR	21460	>IDH1-R132L WVKPIIIGL	83	21377
>IDH1-R132L WVKPIIIGR	19195	>IDH1-R132L WVKPIIIGL	69	19126
>IDH1-R132L WVKPIIIGR	134	>IDH1-R132L WVKPIIIGL	16096	15962
>IDH1-R132L WVKPIIIGR	442	>IDH1-R132L WVKPIIIGL	21776	21334
>IDH1-R132L WVKPIIIGR	44	>IDH1-R132L WVKPIIIGL	17273	17229
>IDH1-R132L WVKPIIIGR	13704	>IDH1-R132L WVKPIIIGL	31	13673
>IDH1-R132L WVKPIIIGR	131	>IDH1-R132L WVKPIIIGL	29705	29574
>IDH1-R132L GWVKPIIIGR	30	>IDH1-R132L GWVKPIIIGL	15185	15155
>IDH1-R132S RHAYGDQY	803	>IDH1-R132S SHAYGDQY	266	537
>IDH1-R132S RHAYGDQY	304	>IDH1-R132S SHAYGDQY	333	29
>IDH1-R132S RHAYGDQY	220	>IDH1-R132S SHAYGDQY	1014	794
>IDH1-R132S RHAYGDQY	167	>IDH1-R132S SHAYGDQY	5663	5496
>IDH1-R132S RHAYGDQYR	135	>IDH1-R132S SHAYGDQYR	838	703
>IDH1-R132S GRHAYGDQY	3375	>IDH1-R132S GSHAYGDQY	408	2967
>IDH1-R132S GRHAYGDQY	8809	>IDH1-R132S GSHAYGDQY	183	8626
>IDH1-R132S GRHAYGDQY	11555	>IDH1-R132S GSHAYGDQY	306	11249
>IDH1-R132S GRHAYGDQY	19467	>IDH1-R132S GSHAYGDQY	14	19453
>IDH1-R132S GRHAYGDQY	382	>IDH1-R132S GSHAYGDQY	19664	19282
>IDH1-R132S GRHAYGDQY	38	>IDH1-R132S GSHAYGDQY	17061	17023
>IDH1-R132S GRHAYGDQY	2893	>IDH1-R132S GSHAYGDQY	54	2839
>IDH1-R132S GRHAYGDQY	418	>IDH1-R132S GSHAYGDQY	26078	25660
>IDH1-R132S SGWVKPIIIGF	153	>IDH1-R132S SGWVKPIIIGS	20135	19982
>IDH1-R132S SGWVKPIIIGF	85	>IDH1-R132S SGWVKPIIIGS	25971	25886
>IDH1-R132S IGRHAYGDQY	273	>IDH1-R132S IGSHAYGDQY	917	644
>IDH1-R132S IGRHAYGDQY	406	>IDH1-R132S IGSHAYGDQY	1664	1258
>IDH1-R132S IGRHAYGDQY	665	>IDH1-R132S IGSHAYGDQY	483	182
>IDH1-R132S IIGRHAYGDQ	102	>IDH1-R132S IIGSHAYGDQ	44	58
>IDH1-R132S IIGRHAYGDQ	1055	>IDH1-R132S IIGSHAYGDQ	319	736
>IDH1-R132S IIGRHAYGDQ	292	>IDH1-R132S IIGSHAYGDQ	353	61
>IDH1-R132S IIGRHAYGDQ	541	>IDH1-R132S IIGSHAYGDQ	361	180
>IDH1-R132S IIIGRHAY	23	>IDH1-R132S IIIIGSHAY	14	9
>IDH1-R132S IIIGRHAY	214	>IDH1-R132S IIIIGSHAY	243	29
>IDH1-R132S IIIGRHAY	13	>IDH1-R132S IIIIGSHAY	11	2
>IDH1-R132S IIIGRHAY	35	>IDH1-R132S IIIIGSHAY	26	9
>IDH1-R132S IIIGRHAY	101	>IDH1-R132S IIIIGSHAY	57	44
>IDH1-R132S IIIGRHAY	223	>IDH1-R132S IIIIGSHAY	89	134
>IDH1-R132S IIIGRHAY	1051	>IDH1-R132S IIIIGSHAY	285	766
>IDH1-R132S IIIGRHAY	269	>IDH1-R132S IIIIGSHAY	44	225



>IDH1-R132S IIIGRHAY	476	>IDH1-R132S IIIGSHAY	102	374
>IDH1-R132S IIIGRHAY	233	>IDH1-R132S IIIGSHAY	85	148
>IDH1-R132S PIIIGRHAY	106	>IDH1-R132S PIIIGSHAY	128	22
>IDH1-R132S PIIIGRHAY	30	>IDH1-R132S PIIIGSHAY	18	12
>IDH1-R132S PIIIGRHAY	24	>IDH1-R132S PIIIGSHAY	33	9
>IDH1-R132S PIIIGRHAY	1476	>IDH1-R132S PIIIGSHAY	389	1087
>IDH1-R132S KPIIIGRHA	557	>IDH1-R132S KPIIIGSHA	420	137
>IDH1-R132S KPIIIGRHAY	96	>IDH1-R132S KPIIIGSHAY	339	243
>IDH1-R132S KPIIIGRHAY	390	>IDH1-R132S KPIIIGSHAY	150	240
>IDH1-R132S KPIIIGRHA	114	>IDH1-R132S KPIIIGSHA	69	45
>IDH1-R132S KPIIIGRHAY	10	>IDH1-R132S KPIIIGSHAY	10	0
>IDH1-R132S KPIIIGRHAY	798	>IDH1-R132S KPIIIGSHAY	385	413
>IDH1-R132S VKPIIIGRHAY	87	>IDH1-R132S VKPIIIGSHAY	97	10
>IDH1-R132S VKPIIIGRHAY	302	>IDH1-R132S VKPIIIGSHAY	183	119
>IDH1-R132S WVKPIIIGRH/	606	>IDH1-R132S WVKPIIIGSH/	170	436
>IDH1-R132S WVKPIIIGR	134	>IDH1-R132S WVKPIIIGS	18893	18759
>IDH1-R132S WVKPIIIGR	442	>IDH1-R132S WVKPIIIGS	25564	25122
>IDH1-R132S WVKPIIIGR	44	>IDH1-R132S WVKPIIIGS	17378	17334
>IDH1-R132S WVKPIIIGRH/	798	>IDH1-R132S WVKPIIIGSH/	198	600
>IDH1-R132S WVKPIIIGR	131	>IDH1-R132S WVKPIIIGS	29384	29253
>IDH1-R132S GWVKPIIIGR	30	>IDH1-R132S GWVKPIIIGS	14645	14615
>IDH1-R132\ RHAYGDQY	803	>IDH1-R132\ VHAYGDQY	325	478
>IDH1-R132\ RHAYGDQY	304	>IDH1-R132\ VHAYGDQY	242	62
>IDH1-R132\ RHAYGDQY	220	>IDH1-R132\ VHAYGDQY	793	573
>IDH1-R132\ RHAYGDQY	167	>IDH1-R132\ VHAYGDQY	719	552
>IDH1-R132\ RHAYGDQYR	135	>IDH1-R132\ VHAYGDQYR	1453	1318
>IDH1-R132\ GRHAYGDQY	3375	>IDH1-R132\ GVHAYGDQY	72	3303
>IDH1-R132\ GRHAYGDQY	8809	>IDH1-R132\ GVHAYGDQY	95	8714
>IDH1-R132\ GRHAYGDQY	11555	>IDH1-R132\ GVHAYGDQY	337	11218
>IDH1-R132\ GRHAYGDQY	3253	>IDH1-R132\ GVHAYGDQY	468	2785
>IDH1-R132\ GRHAYGDQY	382	>IDH1-R132\ GVHAYGDQY	19843	19461
>IDH1-R132\ GRHAYGDQY	38	>IDH1-R132\ GVHAYGDQY	18171	18133
>IDH1-R132\ GRHAYGDQY	2893	>IDH1-R132\ GVHAYGDQY	185	2708
>IDH1-R132\ GRHAYGDQY	418	>IDH1-R132\ GVHAYGDQY	29706	29288
>IDH1-R132\ GRHAYGDQY	3688	>IDH1-R132\ GVHAYGDQY	371	3317
>IDH1-R132\ SGWVKPIIIGF	27463	>IDH1-R132\ SGWVKPIIIG\	355	27108
>IDH1-R132\ SGWVKPIIIGF	22888	>IDH1-R132\ SGWVKPIIIG\	178	22710
>IDH1-R132\ SGWVKPIIIGF	153	>IDH1-R132\ SGWVKPIIIG\	16487	16334
>IDH1-R132\ SGWVKPIIIGF	85	>IDH1-R132\ SGWVKPIIIG\	30384	30299
>IDH1-R132\ IGRHAYGDQ\`	273	>IDH1-R132\ IGVHAYGDQ\`	995	722
>IDH1-R132\ IGRHAYGDQ\`	406	>IDH1-R132\ IGVHAYGDQ\`	567	161
>IDH1-R132\ IGRHAYGDQ\`	665	>IDH1-R132\ IGVHAYGDQ\`	268	397
>IDH1-R132\ IIGRHAYGDQ	102	>IDH1-R132\ IIGVHAYGDQ	71	31

>IDH1-R132\IIGRHAYGDQ	292	>IDH1-R132\IIGVHAYGDQ	594	302
>IDH1-R132\IIIGRHAY	23	>IDH1-R132\IIIGVHAY	11	12
>IDH1-R132\IIIGRHAY	214	>IDH1-R132\IIIGVHAY	370	156
>IDH1-R132\IIIGRHAY	13	>IDH1-R132\IIIGVHAY	11	2
>IDH1-R132\IIIGRHAY	35	>IDH1-R132\IIIGVHAY	24	11
>IDH1-R132\IIIGRHAY	1040	>IDH1-R132\IIIGVHAY	433	607
>IDH1-R132\IIIGRHAY	1059	>IDH1-R132\IIIGVHAY	347	712
>IDH1-R132\IIIGRHAY	101	>IDH1-R132\IIIGVHAY	82	19
>IDH1-R132\IIIGRHAY	223	>IDH1-R132\IIIGVHAY	258	35
>IDH1-R132\IIIGRHAY	269	>IDH1-R132\IIIGVHAY	329	60
>IDH1-R132\IIIGRHAY	476	>IDH1-R132\IIIGVHAY	174	302
>IDH1-R132\IIIGRHAY	233	>IDH1-R132\IIIGVHAY	75	158
>IDH1-R132\PIIIGRHAY	1231	>IDH1-R132\PIIIGVHAY	359	872
>IDH1-R132\PIIIGRHAY	106	>IDH1-R132\PIIIGVHAY	13	93
>IDH1-R132\PIIIGRHAY	30	>IDH1-R132\PIIIGVHAY	32	2
>IDH1-R132\PIIIGRHAY	24	>IDH1-R132\PIIIGVHAY	53	29
>IDH1-R132\KPIIIGRHAY	96	>IDH1-R132\KPIIIGVHAY	646	550
>IDH1-R132\KPIIIGRHAY	390	>IDH1-R132\KPIIIGVHAY	198	192
>IDH1-R132\KPIIIGRHA	114	>IDH1-R132\KPIIIGVHA	35	79
>IDH1-R132\KPIIIGRHAY	10	>IDH1-R132\KPIIIGVHAY	9	1
>IDH1-R132\KPIIIGRHAY	798	>IDH1-R132\KPIIIGVHAY	160	638
>IDH1-R132\VKPIIIGRHAY	87	>IDH1-R132\VKPIIIGVHAY	138	51
>IDH1-R132\VKPIIIGRHAY	302	>IDH1-R132\VKPIIIGVHAY	202	100
>IDH1-R132\WVKPIIIGR	21189	>IDH1-R132\WVKPIIIGV	471	20718
>IDH1-R132\WVKPIIIGR	16241	>IDH1-R132\WVKPIIIGV	18	16223
>IDH1-R132\WVKPIIIGRH/	606	>IDH1-R132\WVKPIIIGVH/	462	144
>IDH1-R132\WVKPIIIGR	21460	>IDH1-R132\WVKPIIIGV	18	21442
>IDH1-R132\WVKPIIIGR	26596	>IDH1-R132\WVKPIIIGV	83	26513
>IDH1-R132\WVKPIIIGR	25832	>IDH1-R132\WVKPIIIGV	283	25549
>IDH1-R132\WVKPIIIGR	19195	>IDH1-R132\WVKPIIIGV	5	19190
>IDH1-R132\WVKPIIIGR	134	>IDH1-R132\WVKPIIIGV	15709	15575
>IDH1-R132\WVKPIIIGR	442	>IDH1-R132\WVKPIIIGV	24918	24476
>IDH1-R132\WVKPIIIGR	44	>IDH1-R132\WVKPIIIGV	21467	21423
>IDH1-R132\WVKPIIIGR	13704	>IDH1-R132\WVKPIIIGV	9	13695
>IDH1-R132\WVKPIIIGRH/	798	>IDH1-R132\WVKPIIIGVH/	134	664
>IDH1-R132\WVKPIIIGR	17926	>IDH1-R132\WVKPIIIGV	114	17812
>IDH1-R132\WVKPIIIGR	131	>IDH1-R132\WVKPIIIGV	33524	33393
>IDH1-R132\GWVKPIIIGR	30	>IDH1-R132\GWVKPIIIGV	22220	22190
>IDH1-R49C- RDATNDQV	166	>IDH1-R49C- CDATNDQV	65	101
>IDH1-R49C- NRDATNDQV	10933	>IDH1-R49C- NCDATNDQV	399	10534
>IDH1-R49C- NRDATNDQV	460	>IDH1-R49C- NCDATNDQV	12236	11776
>IDH1-R49C- ENRDATNDQ	1440	>IDH1-R49C- ENCDATNDQ	303	1137
>IDH1-R49C- IENRDATNDC	87	>IDH1-R49C- IENCDATNDC	304	217

>IDH1-R49C- IENRDATNDC	189	>IDH1-R49C- IENCDATNDC	134	55
>IDH1-R49C- SYDLGIENR	413	>IDH1-R49C- SYDLGIENC	33890	33477
>IDH1-R49C- HSYDLGIENR	100	>IDH1-R49C- HSYDLGIENC	25711	25611
>IDH1-R49C- HSYDLGIENR	468	>IDH1-R49C- HSYDLGIENC	30270	29802
>IDH1-R49C- HSYDLGIENR	10	>IDH1-R49C- HSYDLGIENC	29906	29896
>IDH1-R49C- HSYDLGIENR	111	>IDH1-R49C- HSYDLGIENC	35245	35134
>IDH1-V71I-v AEAIKKHNVG	621	>IDH1-V71I-r AEAIKKHNVG	84	537
>IDH1-V71I-v AEAIKKHNVG	312	>IDH1-V71I-r AEAIKKHNVG	106	206
>IDH1-V71I-v AEAIKKHNVG	37	>IDH1-V71I-r AEAIKKHNVG	128	91
>IDH1-V71I-v AEAIKKHNVG	51	>IDH1-V71I-r AEAIKKHNVG	19	32
>IDH1-V71I-v KKHNVGK	114	>IDH1-V71I-r KKHNVGK	81	33
>IDH1-V71I-v KKHNVGK	417	>IDH1-V71I-r KKHNVGK	517	100
>IDH1-V71I-v KKHNVGKCA	185	>IDH1-V71I-r KKHNVGKCA	280	95
>IDH1-V71I-v IKKHNVG	54	>IDH1-V71I-r IKKHNVG	38	16
>IDH1-V71I-v IKKHNVGK	428	>IDH1-V71I-r IKKHNVGK	621	193
>IDH1-V71I-v IKKHNVGKCA	277	>IDH1-V71I-r IKKHNVGKCA	347	70
>IDH1-V71I-v AIKKHNVG	31	>IDH1-V71I-r AIKKHNVG	303	272
>IDH1-V71I-v AIKKHNVG	49	>IDH1-V71I-r AIKKHNVG	6203	6154
>IDH1-V71I-v AIKKHNVGK	290	>IDH1-V71I-r AIKKHNVGK	276	14
>IDH1-V71I-v AIKKHNVG	170	>IDH1-V71I-r AIKKHNVG	91	79
>IDH1-V71I-v AIKKHNVGK	10	>IDH1-V71I-r AIKKHNVGK	9	1
>IDH1-V71I-v EAIKKHNVG	32	>IDH1-V71I-r EAIKKHNVG	30	2
>IDH1-V71I-v EAIKKHNVG	380	>IDH1-V71I-r EAIKKHNVG	864	484
>IDH1-V71I-v EAIKKHNVG	34	>IDH1-V71I-r EAIKKHNVG	219	185
>IDH2-R140L RNILGGTVFR	105	>IDH2-R140L LNILGGTVFR	491	386
>IDH2-R140L RNILGGTVFR	1551	>IDH2-R140L LNILGGTVFR	415	1136
>IDH2-R140L RNILGGTVFR	1090	>IDH2-R140L LNILGGTVFR	419	671
>IDH2-R140L RNILGGTVF	112	>IDH2-R140L LNILGGTVF	114	2
>IDH2-R140L RNILGGTVF	35	>IDH2-R140L LNILGGTVF	69	34
>IDH2-R140L RNILGGTVF	123	>IDH2-R140L LNILGGTVF	184	61
>IDH2-R140L RNILGGTVFR	156	>IDH2-R140L LNILGGTVFR	1102	946
>IDH2-R140L IRNILGGTV	14945	>IDH2-R140L ILNILGGTV	251	14694
>IDH2-R140L IRNILGGT	18974	>IDH2-R140L ILNILGGT	217	18757
>IDH2-R140L IRNILGGTV	11508	>IDH2-R140L ILNILGGTV	14	11494
>IDH2-R140L IRNILGGTV	12851	>IDH2-R140L ILNILGGTV	4	12847
>IDH2-R140L IRNILGGTV	22951	>IDH2-R140L ILNILGGTV	62	22889
>IDH2-R140L IRNILGGTV	20309	>IDH2-R140L ILNILGGTV	20	20289
>IDH2-R140L IRNILGGTV	22444	>IDH2-R140L ILNILGGTV	5	22439
>IDH2-R140L IRNILGGTVFR	19507	>IDH2-R140L ILNILGGTVFR	210	19297
>IDH2-R140L IRNILGGTVFR	2879	>IDH2-R140L ILNILGGTVFR	19	2860
>IDH2-R140L IRNILGGTVFR	5815	>IDH2-R140L ILNILGGTVFR	130	5685
>IDH2-R140L IRNILGGTVFR	1994	>IDH2-R140L ILNILGGTVFR	116	1878
>IDH2-R140L IRNILGGTVF	6936	>IDH2-R140L ILNILGGTVF	56	6880

>IDH2-R140L IRNILGGTVF	8825	>IDH2-R140L ILNILGGTVF	261	8564
>IDH2-R140L IRNILGGTVF	30	>IDH2-R140L ILNILGGTVF	59	29
>IDH2-R140L IRNILGGTVF	79	>IDH2-R140L ILNILGGTVF	23214	23135
>IDH2-R140L IRNILGGTVFF	459	>IDH2-R140L ILNILGGTVFR	19825	19366
>IDH2-R140L IRNILGGTVF	201	>IDH2-R140L ILNILGGTVF	25171	24970
>IDH2-R140L IRNILGGTVFF	449	>IDH2-R140L ILNILGGTVFR	165	284
>IDH2-R140L KMWKSPNG <sup>-</sup>	18821	>IDH2-R140L KMWKSPNG <sup>-</sup>	38	18783
>IDH2-R140L KMWKSPNG <sup>-</sup>	21601	>IDH2-R140L KMWKSPNG <sup>-</sup>	204	21397
>IDH2-R140L KMWKSPNG <sup>-</sup>	18299	>IDH2-R140L KMWKSPNG <sup>-</sup>	194	18105
>IDH2-R140L KMWKSPNG <sup>-</sup>	7586	>IDH2-R140L KMWKSPNG <sup>-</sup>	9	7577
>IDH2-R140L KMWKSPNG <sup>-</sup>	16708	>IDH2-R140L KMWKSPNG <sup>-</sup>	11	16697
>IDH2-R140L KMWKSPNG <sup>-</sup>	11622	>IDH2-R140L KMWKSPNG <sup>-</sup>	13	11609
>IDH2-R140L KMWKSPNG <sup>-</sup>	23501	>IDH2-R140L KMWKSPNG <sup>-</sup>	84	23417
>IDH2-R140L KMWKSPNG <sup>-</sup>	16339	>IDH2-R140L KMWKSPNG <sup>-</sup>	27	16312
>IDH2-R140L KMWKSPNG <sup>-</sup>	138	>IDH2-R140L KMWKSPNG <sup>-</sup>	9581	9443
>IDH2-R140L KMWKSPNG <sup>-</sup>	9	>IDH2-R140L KMWKSPNG <sup>-</sup>	1824	1815
>IDH2-R140L KMWKSPNG <sup>-</sup>	3941	>IDH2-R140L KMWKSPNG <sup>-</sup>	82	3859
>IDH2-R140L KMWKSPNG <sup>-</sup>	48	>IDH2-R140L KMWKSPNG <sup>-</sup>	6	42
>IDH2-R140L KMWKSPNG <sup>-</sup>	18335	>IDH2-R140L KMWKSPNG <sup>-</sup>	319	18016
>IDH2-R140L KMWKSPNG <sup>-</sup>	11187	>IDH2-R140L KMWKSPNG <sup>-</sup>	121	11066
>IDH2-R140L KMWKSPNG <sup>-</sup>	16	>IDH2-R140L KMWKSPNG <sup>-</sup>	5057	5041
>IDH2-R140L TIRNILGGTV	6489	>IDH2-R140L TILNILGGTV	249	6240
>IDH2-R140L TIRNILGGTV	2103	>IDH2-R140L TILNILGGTV	385	1718
>IDH2-R140L TIRNILGGTV	122	>IDH2-R140L TILNILGGTV	48	74
>IDH2-R140L TIRNILGGTV	1505	>IDH2-R140L TILNILGGTV	53	1452
>IDH2-R140L TIRNILGGTV	1095	>IDH2-R140L TILNILGGTV	16	1079
>IDH2-R140L TIRNILGGTV	7982	>IDH2-R140L TILNILGGTV	155	7827
>IDH2-R140L TIRNILGGTV	5229	>IDH2-R140L TILNILGGTV	57	5172
>IDH2-R140L TIRNILGGTV	14180	>IDH2-R140L TILNILGGTV	279	13901
>IDH2-R140L TIRNILGGTV	279	>IDH2-R140L TILNILGGTV	53	226
>IDH2-R140L TIRNILGGTV	612	>IDH2-R140L TILNILGGTV	362	250
>IDH2-R140L TIRNILGGTV	3277	>IDH2-R140L TILNILGGTV	29	3248
>IDH2-R140L TIRNILGGTVF	133	>IDH2-R140L TILNILGGTVF	638	505
>IDH2-R140L TIRNILGGTVF	338	>IDH2-R140L TILNILGGTVF	468	130
>IDH2-R140L TIRNILGGTVF	58	>IDH2-R140L TILNILGGTVF	119	61
>IDH2-R140L GTIRNILGGTV	322	>IDH2-R140L GTILNILGGTV	425	103
>IDH2-R140L GTIRNILGGTV	138	>IDH2-R140L GTILNILGGTV	363	225
>IDH2-R140L GTIRNILGGTV	191	>IDH2-R140L GTILNILGGTV	297	106
>IDH2-R140L GTIRNILGGTV	1025	>IDH2-R140L GTILNILGGTV	417	608
>IDH2-R140L GTIRNILGGTV	477	>IDH2-R140L GTILNILGGTV	693	216
>IDH2-R140L SPNGTIRNI	710	>IDH2-R140L SPNGTILNI	42	668
>IDH2-R140L SPNGTIRNIL	522	>IDH2-R140L SPNGTILNIL	417	105
>IDH2-R140L SPNGTIRNI	245	>IDH2-R140L SPNGTILNI	448	203

>IDH2-R140L SPNGTIRNIL	23	>IDH2-R140L SPNGTILNIL	37	14
>IDH2-R140L SPNGTIRNIL	247	>IDH2-R140L SPNGTILNIL	208	39
>IDH2-R140L SPNGTIRNI	768	>IDH2-R140L SPNGTILNI	122	646
>IDH2-R140L KSPNGTIR	174	>IDH2-R140L KSPNGTIL	15759	15585
>IDH2-R140L KSPNGTIR	7977	>IDH2-R140L KSPNGTIL	260	7717
>IDH2-R140L KSPNGTIRNI	81	>IDH2-R140L KSPNGTILNI	44	37
>IDH2-R140L KSPNGTIRNIL	172	>IDH2-R140L KSPNGTILNIL	155	17
>IDH2-R140L KSPNGTIRNI	1149	>IDH2-R140L KSPNGTILNI	429	720
>IDH2-R140L KSPNGTIR	6886	>IDH2-R140L KSPNGTIL	10	6876
>IDH2-R140L KSPNGTIRNI	19	>IDH2-R140L KSPNGTILNI	9	10
>IDH2-R140L KSPNGTIRNIL	6	>IDH2-R140L KSPNGTILNIL	3	3
>IDH2-R140L KSPNGTIR	35709	>IDH2-R140L KSPNGTIL	383	35326
>IDH2-R140L KSPNGTIRNI	464	>IDH2-R140L KSPNGTILNI	199	265
>IDH2-R140L WKSPNGTIR	80	>IDH2-R140L WKSPNGTIL	13	67
>IDH2-R140L WKSPNGTIRNI	52	>IDH2-R140L WKSPNGTILNI	36	16
>IDH2-R140L WKSPNGTIR	18768	>IDH2-R140L WKSPNGTIL	120	18648
>IDH2-R140L MWKSPNGTI	17999	>IDH2-R140L MWKSPNGTI	87	17912
>IDH2-R140L MWKSPNGTI	19648	>IDH2-R140L MWKSPNGTI	333	19315
>IDH2-R140L MWKSPNGTI	304	>IDH2-R140L MWKSPNGTI	20387	20083
>IDH2-R140L MWKSPNGTI	43	>IDH2-R140L MWKSPNGTI	19822	19779
>IDH2-R140L MWKSPNGTI	5120	>IDH2-R140L MWKSPNGTI	139	4981
>IDH2-R140C RNILGGTVFR	105	>IDH2-R140C QNILGGTVFR	621	516
>IDH2-R140C RNILGGTVFR	1090	>IDH2-R140C QNILGGTVFR	371	719
>IDH2-R140C RNILGGTVF	112	>IDH2-R140C QNILGGTVF	506	394
>IDH2-R140C RNILGGTVF	35	>IDH2-R140C QNILGGTVF	177	142
>IDH2-R140C RNILGGTVF	123	>IDH2-R140C QNILGGTVF	456	333
>IDH2-R140C RNILGGTVFR	156	>IDH2-R140C QNILGGTVFR	483	327
>IDH2-R140C IRNILGGTV	11508	>IDH2-R140C IQNILGGTV	143	11365
>IDH2-R140C IRNILGGTV	17973	>IDH2-R140C IQNILGGTV	214	17759
>IDH2-R140C IRNILGGTV	12851	>IDH2-R140C IQNILGGTV	308	12543
>IDH2-R140C IRNILGGTVFF	2879	>IDH2-R140C IQNILGGTVFF	17	2862
>IDH2-R140C IRNILGGTVF	6936	>IDH2-R140C IQNILGGTVF	39	6897
>IDH2-R140C IRNILGGTVF	8825	>IDH2-R140C IQNILGGTVF	438	8387
>IDH2-R140C IRNILGGTVF	30	>IDH2-R140C IQNILGGTVF	6	24
>IDH2-R140C IRNILGGTVF	79	>IDH2-R140C IQNILGGTVF	7768	7689
>IDH2-R140C IRNILGGTVFF	459	>IDH2-R140C IQNILGGTVFF	7189	6730
>IDH2-R140C IRNILGGTVF	201	>IDH2-R140C IQNILGGTVF	8372	8171
>IDH2-R140C IRNILGGTVFF	449	>IDH2-R140C IQNILGGTVFF	195	254
>IDH2-R140C KMWKSPNG <sup>-</sup>	138	>IDH2-R140C KMWKSPNG <sup>-</sup>	10520	10382
>IDH2-R140C KMWKSPNG <sup>-</sup>	9	>IDH2-R140C KMWKSPNG <sup>-</sup>	2778	2769
>IDH2-R140C KMWKSPNG <sup>-</sup>	48	>IDH2-R140C KMWKSPNG <sup>-</sup>	150	102
>IDH2-R140C KMWKSPNG <sup>-</sup>	16	>IDH2-R140C KMWKSPNG <sup>-</sup>	634	618
>IDH2-R140C TIRNILGGTV	122	>IDH2-R140C TIQNILGGTV	135	13

>IDH2-R140C TIRNILGGTV	1505	>IDH2-R140C TIQNILGGTV	411	1094
>IDH2-R140C TIRNILGGTV	1095	>IDH2-R140C TIQNILGGTV	198	897
>IDH2-R140C TIRNILGGTV	279	>IDH2-R140C TIQNILGGTV	130	149
>IDH2-R140C TIRNILGGTVF	133	>IDH2-R140C TIQNILGGTVI	226	93
>IDH2-R140C TIRNILGGTVF	338	>IDH2-R140C TIQNILGGTVI	1591	1253
>IDH2-R140C TIRNILGGTVF	58	>IDH2-R140C TIQNILGGTVI	200	142
>IDH2-R140C GTIRNILGGT	540	>IDH2-R140C GTIQNILGGT	481	59
>IDH2-R140C GTIRNILGGT\	322	>IDH2-R140C GTIQNILGGT'	315	7
>IDH2-R140C GTIRNILGGT\	510	>IDH2-R140C GTIQNILGGT'	414	96
>IDH2-R140C GTIRNILGGT\	138	>IDH2-R140C GTIQNILGGT'	90	48
>IDH2-R140C GTIRNILGGT\	191	>IDH2-R140C GTIQNILGGT'	241	50
>IDH2-R140C GTIRNILGGT\	646	>IDH2-R140C GTIQNILGGT'	486	160
>IDH2-R140C GTIRNILGGT\	1025	>IDH2-R140C GTIQNILGGT'	299	726
>IDH2-R140C GTIRNILGGT\	477	>IDH2-R140C GTIQNILGGT'	404	73
>IDH2-R140C SPNGTIRNI	710	>IDH2-R140C SPNGTIQNI	60	650
>IDH2-R140C SPNGTIRNIL	522	>IDH2-R140C SPNGTIQNIL	260	262
>IDH2-R140C SPNGTIRNI	245	>IDH2-R140C SPNGTIQNI	652	407
>IDH2-R140C SPNGTIRNIL	23	>IDH2-R140C SPNGTIQNIL	42	19
>IDH2-R140C SPNGTIRNIL	247	>IDH2-R140C SPNGTIQNIL	188	59
>IDH2-R140C KSPNGTIR	174	>IDH2-R140C KSPNGTIQ	15581	15407
>IDH2-R140C KSPNGTIRNI	81	>IDH2-R140C KSPNGTIQNI	66	15
>IDH2-R140C KSPNGTIRNIL	172	>IDH2-R140C KSPNGTIQNI	144	28
>IDH2-R140C KSPNGTIRNI	19	>IDH2-R140C KSPNGTIQNI	19	0
>IDH2-R140C KSPNGTIRNIL	6	>IDH2-R140C KSPNGTIQNI	5	1
>IDH2-R140C KSPNGTIRNI	464	>IDH2-R140C KSPNGTIQNI	403	61
>IDH2-R140C KSPNGTIRNIL	551	>IDH2-R140C KSPNGTIQNI	466	85
>IDH2-R140C WKSPNGTIR	80	>IDH2-R140C WKSPNGTIQ	380	300
>IDH2-R140C WKSPNGTIRNI	52	>IDH2-R140C WKSPNGTIQI	31	21
>IDH2-R140C MWKSPNGTI	304	>IDH2-R140C MWKSPNGTI	23390	23086
>IDH2-R140C MWKSPNGTI	43	>IDH2-R140C MWKSPNGTI	5162	5119
>IDH2-R140V RNILGGTVFR	105	>IDH2-R140V WNILGGTVFF	1662	1557
>IDH2-R140V RNILGGTVFR	1551	>IDH2-R140V WNILGGTVFF	412	1139
>IDH2-R140V RNILGGTVFR	1090	>IDH2-R140V WNILGGTVFF	306	784
>IDH2-R140V RNILGGTVF	112	>IDH2-R140V WNILGGTVF	180	68
>IDH2-R140V RNILGGTVF	3815	>IDH2-R140V WNILGGTVF	466	3349
>IDH2-R140V RNILGGTVF	35	>IDH2-R140V WNILGGTVF	57	22
>IDH2-R140V RNILGGTVF	123	>IDH2-R140V WNILGGTVF	103	20
>IDH2-R140V RNILGGTVFR	156	>IDH2-R140V WNILGGTVFF	521	365
>IDH2-R140V IRNILGGTVF	6413	>IDH2-R140V IWNILGGTVF	24	6389
>IDH2-R140V IRNILGGTVF	13030	>IDH2-R140V IWNILGGTVF	64	12966
>IDH2-R140V IRNILGGTVF	19654	>IDH2-R140V IWNILGGTVF	335	19319
>IDH2-R140V IRNILGGTVFF	2879	>IDH2-R140V IWNILGGTVF	38	2841
>IDH2-R140V IRNILGGTVFF	5815	>IDH2-R140V IWNILGGTVF	370	5445

>IDH2-R140VIRNILGGTVF	30	>IDH2-R140VIWNILGGTVF	603	573
>IDH2-R140VIRNILGGTVF	79	>IDH2-R140VIWNILGGTVF	8350	8271
>IDH2-R140VIRNILGGTVFF	459	>IDH2-R140VIWNILGGTVF	17934	17475
>IDH2-R140VIRNILGGTVF	201	>IDH2-R140VIWNILGGTVF	11468	11267
>IDH2-R140VIRNILGGTVFF	449	>IDH2-R140VIWNILGGTVF	17	432
>IDH2-R140VIRNILGGTV	36577	>IDH2-R140VIWNILGGTV	304	36273
>IDH2-R140VIRNILGGTVFF	33957	>IDH2-R140VIWNILGGTVF	369	33588
>IDH2-R140VKMWKSPNG <sup>-</sup>	138	>IDH2-R140VKMWKSPNG <sup>-</sup>	15807	15669
>IDH2-R140VKMWKSPNG <sup>-</sup>	9	>IDH2-R140VKMWKSPNG <sup>-</sup>	6783	6774
>IDH2-R140VKMWKSPNG <sup>-</sup>	3941	>IDH2-R140VKMWKSPNG <sup>-</sup>	59	3882
>IDH2-R140VKMWKSPNG <sup>-</sup>	48	>IDH2-R140VKMWKSPNG <sup>-</sup>	13	35
>IDH2-R140VKMWKSPNG <sup>-</sup>	18335	>IDH2-R140VKMWKSPNG <sup>-</sup>	29	18306
>IDH2-R140VKMWKSPNG <sup>-</sup>	20607	>IDH2-R140VKMWKSPNG <sup>-</sup>	54	20553
>IDH2-R140VKMWKSPNG <sup>-</sup>	20188	>IDH2-R140VKMWKSPNG <sup>-</sup>	14	20174
>IDH2-R140VKMWKSPNG <sup>-</sup>	16	>IDH2-R140VKMWKSPNG <sup>-</sup>	3899	3883
>IDH2-R140VTIRNILGGTV	2103	>IDH2-R140VTIWNILGGTV	492	1611
>IDH2-R140VTIRNILGGTV	122	>IDH2-R140VTIWNILGGTV	49	73
>IDH2-R140VTIRNILGGTV	1505	>IDH2-R140VTIWNILGGTV	94	1411
>IDH2-R140VTIRNILGGTV	1095	>IDH2-R140VTIWNILGGTV	8	1087
>IDH2-R140VTIRNILGGTV	7982	>IDH2-R140VTIWNILGGTV	150	7832
>IDH2-R140VTIRNILGGTV	5229	>IDH2-R140VTIWNILGGTV	30	5199
>IDH2-R140VTIRNILGGTV	14180	>IDH2-R140VTIWNILGGTV	159	14021
>IDH2-R140VTIRNILGGTV	279	>IDH2-R140VTIWNILGGTV	20	259
>IDH2-R140VTIRNILGGTVF	4680	>IDH2-R140VTIWNILGGTV	173	4507
>IDH2-R140VTIRNILGGTV	612	>IDH2-R140VTIWNILGGTV	67	545
>IDH2-R140VTIRNILGGTV	3277	>IDH2-R140VTIWNILGGTV	26	3251
>IDH2-R140VTIRNILGGTVF	133	>IDH2-R140VTIWNILGGTV	418	285
>IDH2-R140VTIRNILGGTVF	338	>IDH2-R140VTIWNILGGTV	226	112
>IDH2-R140VTIRNILGGTVF	58	>IDH2-R140VTIWNILGGTV	179	121
>IDH2-R140VGTIRNILGGT\	322	>IDH2-R140VGTIWNILGGT	181	141
>IDH2-R140VGTIRNILGGT\	510	>IDH2-R140VGTIWNILGGT	189	321
>IDH2-R140VGTIRNILGGT\	138	>IDH2-R140VGTIWNILGGT	27	111
>IDH2-R140VGTIRNILGGT\	191	>IDH2-R140VGTIWNILGGT	177	14
>IDH2-R140VGTIRNILGGT\	1276	>IDH2-R140VGTIWNILGGT	241	1035
>IDH2-R140VGTIRNILGGT\	646	>IDH2-R140VGTIWNILGGT	182	464
>IDH2-R140VGTIRNILGGT\	1025	>IDH2-R140VGTIWNILGGT	290	735
>IDH2-R140VGTIRNILGGT\	477	>IDH2-R140VGTIWNILGGT	457	20
>IDH2-R140VSPNGTIRNI	710	>IDH2-R140VSPNGTIWNI	219	491
>IDH2-R140VSPNGTIRNIL	522	>IDH2-R140VSPNGTIWNIL	474	48
>IDH2-R140VSPNGTIRNI	245	>IDH2-R140VSPNGTIWNI	2811	2566
>IDH2-R140VSPNGTIRNIL	23	>IDH2-R140VSPNGTIWNIL	56	33
>IDH2-R140VSPNGTIRNIL	247	>IDH2-R140VSPNGTIWNIL	91	156
>IDH2-R140VSPNGTIRNI	768	>IDH2-R140VSPNGTIWNI	78	690

>IDH2-R140V KSPNGTIR	174	>IDH2-R140V KSPNGTIW	18924	18750
>IDH2-R140V KSPNGTIR	7977	>IDH2-R140V KSPNGTIW	180	7797
>IDH2-R140V KSPNGTIRNI	81	>IDH2-R140V KSPNGTIWNI	48	33
>IDH2-R140V KSPNGTIRNIL	172	>IDH2-R140V KSPNGTIWNI	360	188
>IDH2-R140V KSPNGTIR	19359	>IDH2-R140V KSPNGTIW	77	19282
>IDH2-R140V KSPNGTIR	24666	>IDH2-R140V KSPNGTIW	90	24576
>IDH2-R140V KSPNGTIR	21749	>IDH2-R140V KSPNGTIW	67	21682
>IDH2-R140V KSPNGTIRNI	19	>IDH2-R140V KSPNGTIWNI	7	12
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>IDH2-R140V KSPNGTIRNIL	551	>IDH2-R140V KSPNGTIWNI	353	198
>IDH2-R140V WKSPNGTIR	80	>IDH2-R140V WKSPNGTIW	43	37
>IDH2-R140V WKSPNGTIRNI	52	>IDH2-R140V WKSPNGTIW	59	7
>IDH2-R140V WKSPNGTIR	33666	>IDH2-R140V WKSPNGTIW	201	33465
>IDH2-R140V MWKSPNGTI	17999	>IDH2-R140V MWKSPNGTI	27	17972
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>IDH2-R140V MWKSPNGTI	304	>IDH2-R140V MWKSPNGTI	28868	28564
>IDH2-R140V MWKSPNGTI	14925	>IDH2-R140V MWKSPNGTI	58	14867
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>IDH2-R172C RHAHGDQY	1134	>IDH2-R172C GH AHGDQY	295	839
>IDH2-R172C RHAHGDQY	483	>IDH2-R172C GH AHGDQY	1129	646
>IDH2-R172C RHAHGDQY	224	>IDH2-R172C GH AHGDQY	2462	2238
>IDH2-R172C RHAHGDQY	265	>IDH2-R172C GH AHGDQY	6083	5818
>IDH2-R172C GRHAHGDQY	2498	>IDH2-R172C GGHAHGDQY	475	2023
>IDH2-R172C GRHAHGDQY	86	>IDH2-R172C GGHAHGDQY	26753	26667
>IDH2-R172C PGWTKPITIG	55	>IDH2-R172C PGWTKPITIG	30386	30331
>IDH2-R172C IGRHAHGDQY	10	>IDH2-R172C IGGHAHGDQY	3646	3636
>IDH2-R172C IGRHAHGDQY	401	>IDH2-R172C IGGHAHGDQY	1229	828
>IDH2-R172C IGRHAHGDQY	328	>IDH2-R172C IGGHAHGDQY	4785	4457
>IDH2-R172C TIGRHAHGDQY	135	>IDH2-R172C TIGGHAHGDQY	82	53
>IDH2-R172C TIGRHAHGDQY	180	>IDH2-R172C TIGGHAHGDQY	59	121
>IDH2-R172C ITIGRHAH	502	>IDH2-R172C ITIGGHAH	205	297
>IDH2-R172C ITIGRHAH	214	>IDH2-R172C ITIGGHAH	78	136
>IDH2-R172C KPITIGRHA	187	>IDH2-R172C KPITIGGHA	126	61
>IDH2-R172C WTKPITIGR	136	>IDH2-R172C WTKPITIGG	21450	21314
>IDH2-R172C WTKPITIGR	18	>IDH2-R172C WTKPITIGG	21904	21886
>IDH2-R172C WTKPITIGRH	436	>IDH2-R172C WTKPITIGGH	133	303
>IDH2-R172C WTKPITIGR	114	>IDH2-R172C WTKPITIGG	33652	33538
>IDH2-R172C GWTKPITIGR	389	>IDH2-R172C GWTKPITIGG	32550	32161
>IDH2-R172C GWTKPITIGR	44	>IDH2-R172C GWTKPITIGG	25234	25190
>IDH2-R172K RHAHGDQY	483	>IDH2-R172K KHAHGDQY	263	220
>IDH2-R172K RHAHGDQY	224	>IDH2-R172K KHAHGDQY	355	131
>IDH2-R172K RHAHGDQY	265	>IDH2-R172K KHAHGDQY	2063	1798



>IDH2-R172KGRHAHGDQY	964	>IDH2-R172KGKHAHGDQY	122	842
>IDH2-R172KGRHAHGDQY	86	>IDH2-R172KGKHAHGDQY	8376	8290
>IDH2-R172KPGWTKPITIG	55	>IDH2-R172KPGWTKPITIG	1451	1396
>IDH2-R172KIGRHAHGDQ`	10	>IDH2-R172KIGKHAHGDQ`	32	22
>IDH2-R172KIGRHAHGDQ`	401	>IDH2-R172KIGKHAHGDQ`	436	35
>IDH2-R172KIGRHAHGDQ`	328	>IDH2-R172KIGKHAHGDQ`	1765	1437
>IDH2-R172KTIGRHAHGD(	135	>IDH2-R172KTIGKHAHGD(	251	116
>IDH2-R172KTIGRHAHGD(	180	>IDH2-R172KTIGKHAHGD(	199	19
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>IDH2-R172KITIGRHAH	214	>IDH2-R172KITIGKHAH	217	3
>IDH2-R172KKPITIGRHA	187	>IDH2-R172KKPITIGKHA	129	58
>IDH2-R172KWTKPITIGR	6502	>IDH2-R172KWTKPITIGK	393	6109
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>IDH2-R172KWTKPITIGR	136	>IDH2-R172KWTKPITIGK	2546	2410
>IDH2-R172KWTKPITIGR	18	>IDH2-R172KWTKPITIGK	56	38
>IDH2-R172KWTKPITIGRH	436	>IDH2-R172KWTKPITIGKH	543	107
>IDH2-R172KWTKPITIGR	114	>IDH2-R172KWTKPITIGK	2355	2241
>IDH2-R172KGWTKPITIGR	389	>IDH2-R172KGWTKPITIGK	4511	4122
>IDH2-R172KGWTKPITIGR	44	>IDH2-R172KGWTKPITIGK	396	352
>IDH2-R172MRHAHGDQY	1134	>IDH2-R172MRHAHGDQY	99	1035
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>IDH2-R172MRHAHGDQY	224	>IDH2-R172MRHAHGDQY	290	66
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>IDH2-R172MRHAHGDQY	265	>IDH2-R172MRHAHGDQY	41	224
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>IDH2-R172MGRHAHGDQY	7336	>IDH2-R172MGMHAHGDQ	88	7248
>IDH2-R172MGRHAHGDQY	12419	>IDH2-R172MGMHAHGDQ	260	12159
>IDH2-R172MGRHAHGDQY	3344	>IDH2-R172MGMHAHGDQ	32	3312
>IDH2-R172MGRHAHGDQY	2498	>IDH2-R172MGMHAHGDQ	87	2411
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>IDH2-R172MGRHAHGDQY	1898	>IDH2-R172MGMHAHGDQ	43	1855
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>IDH2-R172MGRHAHGDQY	86	>IDH2-R172MGMHAHGDQ	24386	24300
>IDH2-R172MGRHAHGDQY	8967	>IDH2-R172MGMHAHGDQ	204	8763
>IDH2-R172MPGWTKPITIG	55	>IDH2-R172MPGWTKPITIG	22301	22246
>IDH2-R172MIGRHAHGDQ`	10	>IDH2-R172MIGMHAHGD(	562	552
>IDH2-R172MIGRHAHGDQ`	2098	>IDH2-R172MIGMHAHGD(	301	1797
>IDH2-R172MIGRHAHGDQ`	401	>IDH2-R172MIGMHAHGD(	325	76

>IDH2-R172MIGRHAHGDC	328	>IDH2-R172MIGMHAHGDC	478	150
>IDH2-R172MTIGRHAHGDC	135	>IDH2-R172MTIGMHAHGDC	285	150
>IDH2-R172MTIGRHAHGDC	180	>IDH2-R172MTIGMHAHGDC	114	66
>IDH2-R172MITIGRHAH	502	>IDH2-R172MITIGMHAH	68	434
>IDH2-R172MITIGRHAH	214	>IDH2-R172MITIGMHAH	72	142
>IDH2-R172MKPITIGRHA	187	>IDH2-R172MKPITIGMHA	125	62
>IDH2-R172MWTKPITIGR	12017	>IDH2-R172MWTKPITIGM	86	11931
>IDH2-R172MWTKPITIGR	7144	>IDH2-R172MWTKPITIGM	147	6997
>IDH2-R172MWTKPITIGR	136	>IDH2-R172MWTKPITIGM	17868	17732
>IDH2-R172MWTKPITIGR	18	>IDH2-R172MWTKPITIGM	12558	12540
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>IDH2-R172MWTKPITIGRH	436	>IDH2-R172MWTKPITIGMH	53	383
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>IDH2-R172MWTKPITIGR	4655	>IDH2-R172MWTKPITIGM	28	4627
>IDH2-R172MWTKPITIGRH	1567	>IDH2-R172MWTKPITIGMH	487	1080
>IDH2-R172MWTKPITIGR	114	>IDH2-R172MWTKPITIGM	28429	28315
>IDH2-R172MGWTKPITIGR	389	>IDH2-R172MGWTKPITIGM	25810	25421
>IDH2-R172MGWTKPITIGR	44	>IDH2-R172MGWTKPITIGM	13190	13146
>IDH2-R172SRHAHGDCQY	1134	>IDH2-R172SSHAHGDCQY	403	731
>IDH2-R172SRHAHGDCQY	483	>IDH2-R172SSHAHGDCQY	539	56
>IDH2-R172SRHAHGDCQY	224	>IDH2-R172SSHAHGDCQY	1089	865
>IDH2-R172SRHAHGDCQY	265	>IDH2-R172SSHAHGDCQY	8118	7853
>IDH2-R172SGRHAHGDCQY	7336	>IDH2-R172SGSHAHGDCQY	498	6838
>IDH2-R172SGRHAHGDCQY	12419	>IDH2-R172SGSHAHGDCQY	172	12247
>IDH2-R172SGRHAHGDCQY	3344	>IDH2-R172SGSHAHGDCQY	390	2954
>IDH2-R172SGRHAHGDCQY	2498	>IDH2-R172SGSHAHGDCQY	32	2466
>IDH2-R172SGRHAHGDCQY	10889	>IDH2-R172SGSHAHGDCQY	258	10631
>IDH2-R172SGRHAHGDCQY	21367	>IDH2-R172SGSHAHGDCQY	22	21345
>IDH2-R172SGRHAHGDCQY	86	>IDH2-R172SGSHAHGDCQY	22988	22902
>IDH2-R172SGRHAHGDCQY	8262	>IDH2-R172SGSHAHGDCQY	251	8011
>IDH2-R172SPGWTKPITIG	55	>IDH2-R172SPGWTKPITIG	25127	25072
>IDH2-R172SIGRHAHGDCQ	10	>IDH2-R172SIGSHAHGDCQ	1104	1094
>IDH2-R172SIGRHAHGDCQ	401	>IDH2-R172SIGSHAHGDCQ	807	406
>IDH2-R172SIGRHAHGDCQ	328	>IDH2-R172SIGSHAHGDCQ	1201	873
>IDH2-R172STIGRHAHGDC	135	>IDH2-R172STIGSHAHGDC	114	21
>IDH2-R172STIGRHAHGDC	180	>IDH2-R172STIGSHAHGDC	68	112
>IDH2-R172SITIGRHAH	502	>IDH2-R172SITIGSHAH	295	207
>IDH2-R172SITIGRHAH	214	>IDH2-R172SITIGSHAH	38	176
>IDH2-R172SITIGRHAHG	1051	>IDH2-R172SITIGSHAHG	262	789
>IDH2-R172SKPITIGRHA	549	>IDH2-R172SKPITIGSHA	394	155
>IDH2-R172SKPITIGRHA	187	>IDH2-R172SKPITIGSHA	108	79
>IDH2-R172SWTKPITIGR	136	>IDH2-R172SWTKPITIGS	18404	18268

>IDH2-R172S WTKPITIGR	18	>IDH2-R172S WTKPITIGS	11988	11970
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>IDH2-R172S WTKPITIGRH	436	>IDH2-R172S WTKPITIGSH	96	340
>IDH2-R172S WTKPITIGRH	2178	>IDH2-R172S WTKPITIGSH	215	1963
>IDH2-R172S WTKPITIGR	114	>IDH2-R172S WTKPITIGS	29188	29074
>IDH2-R172S GWTKPITIGR	389	>IDH2-R172S GWTKPITIGS	28734	28345
>IDH2-R172S GWTKPITIGR	44	>IDH2-R172S GWTKPITIGS	17326	17282
>IDH2-R172V RHAHGDQY	1134	>IDH2-R172V WHAHGDQY	196	938
>IDH2-R172V RHAHGDQY	483	>IDH2-R172V WHAHGDQY	2059	1576
>IDH2-R172V RHAHGDQY	3810	>IDH2-R172V WHAHGDQY	475	3335
>IDH2-R172V RHAHGDQY	224	>IDH2-R172V WHAHGDQY	452	228
>IDH2-R172V RHAHGDQY	5786	>IDH2-R172V WHAHGDQY	403	5383
>IDH2-R172V RHAHGDQY	265	>IDH2-R172V WHAHGDQY	1666	1401
>IDH2-R172V GRHAHGDQY	3344	>IDH2-R172V GWAHGDQ	116	3228
>IDH2-R172V GRHAHGDQY	2498	>IDH2-R172V GWAHGDQ	305	2193
>IDH2-R172V GRHAHGDQY	86	>IDH2-R172V GWAHGDQ	9111	9025
>IDH2-R172V GRHAHGDQY	13667	>IDH2-R172V GWAHGDQ	418	13249
>IDH2-R172V PGWTKPITIG	55	>IDH2-R172V PGWTKPITIG	22554	22499
>IDH2-R172V IGRHAHGDQ	10	>IDH2-R172V IGWHAHGD	1576	1566
>IDH2-R172V IGRHAHGDQ	2098	>IDH2-R172V IGWHAHGD	460	1638
>IDH2-R172V IGRHAHGDQ	401	>IDH2-R172V IGWHAHGD	1611	1210
>IDH2-R172V IGRHAHGDQ	328	>IDH2-R172V IGWHAHGD	294	34
>IDH2-R172V TIGRHAHGD	135	>IDH2-R172V TIGWHAHGD	238	103
>IDH2-R172V TIGRHAHGD	180	>IDH2-R172V TIGWHAHGD	62	118
>IDH2-R172V TIGRHAHGD	1633	>IDH2-R172V TIGWHAHGD	497	1136
>IDH2-R172V ITIGRHAH	502	>IDH2-R172V ITIGWHAH	109	393
>IDH2-R172V ITIGRHAH	2233	>IDH2-R172V ITIGWHAH	249	1984
>IDH2-R172V ITIGRHAH	214	>IDH2-R172V ITIGWHAH	161	53
>IDH2-R172V KPITIGRHA	187	>IDH2-R172V KPITIGWHA	114	73
>IDH2-R172V WTKPITIGR	136	>IDH2-R172V WTKPITIGW	19864	19728
>IDH2-R172V WTKPITIGR	18	>IDH2-R172V WTKPITIGW	13399	13381
>IDH2-R172V WTKPITIGRH	436	>IDH2-R172V WTKPITIGW	49	387
>IDH2-R172V WTKPITIGR	10037	>IDH2-R172V WTKPITIGW	5	10032
>IDH2-R172V WTKPITIGR	21214	>IDH2-R172V WTKPITIGW	37	21177
>IDH2-R172V WTKPITIGR	21811	>IDH2-R172V WTKPITIGW	67	21744
>IDH2-R172V WTKPITIGR	4655	>IDH2-R172V WTKPITIGW	326	4329
>IDH2-R172V WTKPITIGRH	1567	>IDH2-R172V WTKPITIGW	210	1357
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>IDH2-R172V GWTKPITIGR	389	>IDH2-R172V GWTKPITIGW	27782	27393
>IDH2-R172V GWTKPITIGR	44	>IDH2-R172V GWTKPITIGW	14972	14928
>IDH2-V294M VAQVLKSSG	680	>IDH2-V294M MAQVLKSSG	269	411
>IDH2-V294M VAQVLKSSG	1291	>IDH2-V294M MAQVLKSSG	457	834
>IDH2-V294M VAQVLKSSG	46	>IDH2-V294M MAQVLKSSG	25	21

>IDH2-V294MVAQVLKSSGC	2770	>IDH2-V294MMAQVLKSSG	121	2649
>IDH2-V294MVAQVLKSSGC	429	>IDH2-V294MMAQVLKSSG	339	90
>IDH2-V294MMVAQVLKS	5368	>IDH2-V294MMAQVLKS	208	5160
>IDH2-V294MMVAQVLKSS	4853	>IDH2-V294MMAQVLKSS	234	4619
>IDH2-V294MMVAQVLKSS	5233	>IDH2-V294MMAQVLKSS	409	4824
>IDH2-V294MMVAQVLKS	5386	>IDH2-V294MMAQVLKS	264	5122
>IDH2-V294MMVAQVLKSS	3406	>IDH2-V294MMAQVLKSS	108	3298
>IDH2-V294MMVAQVLKSS	5210	>IDH2-V294MMAQVLKSS	367	4843
>IDH2-V294MMVAQVLKS	13903	>IDH2-V294MMAQVLKS	350	13553
>IDH2-V294MMVAQVLKSS	13359	>IDH2-V294MMAQVLKSS	304	13055
>IDH2-V294MWYEHRLIDD	488	>IDH2-V294MWYEHRLIDD	200	288
>IDH2-V294MDMVAQVLK	1883	>IDH2-V294MDMMAQVLK	233	1650
>IDH2-V294MDMVAQVLK	1566	>IDH2-V294MDMMAQVLK	107	1459
>IDH2-V294MDMVAQVLK	897	>IDH2-V294MDMMAQVLK	223	674
>IDH2-V294MDMVAQVLK	118	>IDH2-V294MDMMAQVLK	78	40
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>IDH2-V294MIDDMVAQVL	900	>IDH2-V294MIDDMMAQVI	493	407
>IDH2-V294MLIDDMVAQV	18	>IDH2-V294MLIDDMMAQV	23	5
>IDH2-V294MLIDDMVAQV	25	>IDH2-V294MLIDDMMAQV	20	5
>IDH2-V294MLIDDMVAQV	13	>IDH2-V294MLIDDMMAQV	23	10
>IDH2-V294MLIDDMVAQV	16	>IDH2-V294MLIDDMMAQV	13	3
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>IDH2-V294MLIDDMVAQV	53	>IDH2-V294MLIDDMMAQV	215	162
>IDH2-V294MLIDDMVAQV	28	>IDH2-V294MLIDDMMAQV	70	42
>IDH2-V294MLIDDMVAQV	11	>IDH2-V294MLIDDMMAQV	24	13
>IDH2-V294MLIDDMVAQV	348	>IDH2-V294MLIDDMMAQV	1304	956
>IDH2-V294MLIDDMVAQV	3	>IDH2-V294MLIDDMMAQV	10	7
>IDH2-V294MLIDDMVAQV	180	>IDH2-V294MLIDDMMAQV	814	634
>IDH2-V294MLIDDMVAQV	2	>IDH2-V294MLIDDMMAQV	2	0
>IDH2-V294MLIDDMVAQV	16	>IDH2-V294MLIDDMMAQV	17	1
>IDH2-V294MLIDDMVAQV	64	>IDH2-V294MLIDDMMAQV	46	18
>IDH2-V294MLIDDMVAQV	397	>IDH2-V294MLIDDMMAQV	433	36
>IDH2-V294MLIDDMVAQV	55	>IDH2-V294MLIDDMMAQV	29	26
>IDH2-V294MLRIDDMVA	97	>IDH2-V294MLRIDDMMA	44	53
>IDH2-V294MLRIDDMVAQ	22	>IDH2-V294MLRIDDMMAC	21	1
>IDH2-V294MLRIDDMVAQ	59	>IDH2-V294MLRIDDMMAC	69	10
>IDH2-V294MLRIDDMVA	155	>IDH2-V294MLRIDDMMA	82	73
>IDH2-V294MLRIDDMVAQ	255	>IDH2-V294MLRIDDMMAC	422	167
>IDH2-V294MLRIDDMVAQ	24	>IDH2-V294MLRIDDMMAC	22	2
>IDH2-V294MLRIDDMVAQ	24	>IDH2-V294MLRIDDMMAC	31	7
>IDH2-V294MLRIDDMVA	19	>IDH2-V294MLRIDDMMA	12	7
>IDH2-V294MLRIDDMVAQ	1170	>IDH2-V294MLRIDDMMAC	383	787

>IDH2-V294M RLIDDMVAQ'	16	>IDH2-V294M RLIDDMMAC	17	1
>IDH2-V294M RLIDDMVAQ'	20	>IDH2-V294M RLIDDMMAC	17	3
>IDH2-V294M RLIDDMVA	56	>IDH2-V294M RLIDDMMA	37	19
>IDH2-V294M RLIDDMVAQ	184	>IDH2-V294M RLIDDMMAC	272	88
>IDH2-V294M RLIDDMVAQ'	62	>IDH2-V294M RLIDDMMAC	58	4
>IDH2-V294M RLIDDMVAQ'	42	>IDH2-V294M RLIDDMMAC	58	16
>IDH2-V294M RLIDDMVA	63	>IDH2-V294M RLIDDMMA	31	32
>IDH2-V294M RLIDDMVAQ'	2	>IDH2-V294M RLIDDMMAC	2	0
>IDH2-V294M RLIDDMVAQ'	9	>IDH2-V294M RLIDDMMAC	16	7
>IDH2-V294M RLIDDMVA	23	>IDH2-V294M RLIDDMMA	34	11
>IDH2-V294M RLIDDMVAQ'	3	>IDH2-V294M RLIDDMMAC	3	0
>IDH2-V294M RLIDDMVAQ'	8	>IDH2-V294M RLIDDMMAC	10	2
>IDH2-V294M RLIDDMVA	223	>IDH2-V294M RLIDDMMA	108	115
>IDH2-V294M RLIDDMVAQ'	6	>IDH2-V294M RLIDDMMAC	7	1
>IDH2-V294M RLIDDMVAQ'	55	>IDH2-V294M RLIDDMMAC	91	36
>IDH2-V294M RLIDDMVAQ'	5	>IDH2-V294M RLIDDMMAC	8	3
>IDH2-V294M RLIDDMVAQ'	445	>IDH2-V294M RLIDDMMAC	447	2
>IDH2-V294M RLIDDMVA	18	>IDH2-V294M RLIDDMMA	12	6
>IDH2-V294M RLIDDMVAQ	92	>IDH2-V294M RLIDDMMAC	71	21
>IDH2-V294M RLIDDMVAQ'	2	>IDH2-V294M RLIDDMMAC	2	0
>IDH2-V294M RLIDDMVAQ'	6	>IDH2-V294M RLIDDMMAC	5	1
>IDH2-V294M RLIDDMVAQ'	175	>IDH2-V294M RLIDDMMAC	256	81
>IDH2-V294M RLIDDMVAQ'	309	>IDH2-V294M RLIDDMMAC	207	102
>IDH2-V294M RLIDDMVAQ'	190	>IDH2-V294M RLIDDMMAC	187	3
>IDH2-V294M RLIDDMVAQ'	358	>IDH2-V294M RLIDDMMAC	341	17
>IDH2-V294M RLIDDMVAQ'	558	>IDH2-V294M RLIDDMMAC	342	216
>IDH2-V294M HRLIDDMV	669	>IDH2-V294M HRLIDDM	151	518
>IDH2-V294M HRLIDDMVA	300	>IDH2-V294M HRLIDDMMA	329	29
>IDH2-V294M YEHLIDDM\	34	>IDH2-V294M YEHLIDDM\	81	47
>IDH2-V294M YEHLIDDM\	142	>IDH2-V294M YEHLIDDM\	156	14
>IDH2-V294M YEHLIDDM\	102	>IDH2-V294M YEHLIDDM\	172	70
>IDH2-V294M YEHLIDDM\	157	>IDH2-V294M YEHLIDDM\	196	39
>IDH2-V294M YEHLIDDM\	251	>IDH2-V294M YEHLIDDM\	197	54
>IKZF1-R433! RAYDLLRA	442	>IKZF1-R433! SAYDLLRA	466	24
>IKZF1-R433! RAYDLLRAA	163	>IKZF1-R433! SAYDLLRAA	176	13
>IKZF1-R433! RAYDLLRA	199	>IKZF1-R433! SAYDLLRA	228	29
>IKZF1-R433! RAYDLLRAA	124	>IKZF1-R433! SAYDLLRAA	150	26
>IKZF1-R433! RAYDLLRAA	531	>IKZF1-R433! SAYDLLRAA	443	88
>IKZF1-R433! HRAYDLLR	13350	>IKZF1-R433! HSAYDLLR	147	13203
>IKZF1-R433! HRAYDLLR	9073	>IKZF1-R433! HSAYDLLR	441	8632
>IKZF1-R433! HRAYDLLR	618	>IKZF1-R433! HSAYDLLR	9	609
>IKZF1-R433! HRAYDLLR	117	>IKZF1-R433! HSAYDLLR	16673	16556
>IKZF1-R433! HRAYDLLRAA	136	>IKZF1-R433! HSAYDLLRAA	24567	24431

>IKZF1-R433!HRAYDLLR	225	>IKZF1-R433!HSAYDLLR	346	121
>IKZF1-R433!RNGLSLKEEH	416	>IKZF1-R433!RNGLSLKEEH	33496	33080
>IKZF1-R433!EHRAYDLLR	1195	>IKZF1-R433!EHSAYDLLR	118	1077
>IKZF1-R433!EHRAYDLL	2031	>IKZF1-R433!EHSAYDLL	101	1930
>IKZF1-R433!EHRAYDLLR	310	>IKZF1-R433!EHSAYDLLR	151	159
>IKZF1-R433!EEHRAYDL	128	>IKZF1-R433!EEHSAYDL	201	73
>IKZF1-R433!EEHRAYDLL	41	>IKZF1-R433!EEHSAYDLL	79	38
>IKZF1-R433!EEHRAYDL	149	>IKZF1-R433!EEHSAYDL	59	90
>IKZF1-R433!EEHRAYDLL	36	>IKZF1-R433!EEHSAYDLL	17	19
>IKZF1-R433!EEHRAYDL	289	>IKZF1-R433!EEHSAYDL	229	60
>IKZF1-R433!EEHRAYDLL	218	>IKZF1-R433!EEHSAYDLL	224	6
>IKZF1-R433!EEHRAYDL	224	>IKZF1-R433!EEHSAYDL	159	65
>IKZF1-R433!EEHRAYDLL	204	>IKZF1-R433!EEHSAYDLL	176	28
>IKZF1-R433!EEHRAYDL	155	>IKZF1-R433!EEHSAYDL	111	44
>IKZF1-R433!EEHRAYDLL	174	>IKZF1-R433!EEHSAYDLL	160	14
>IKZF1-R433!EEHRAYDLLR	11	>IKZF1-R433!EEHSAYDLLR	11	0
>IKZF1-R433!EEHRAYDLL	492	>IKZF1-R433!EEHSAYDLL	276	216
>IKZF1-R433!EEHRAYDLLR	680	>IKZF1-R433!EEHSAYDLLR	465	215
>IKZF1-R433!KEEHRAYDL	155	>IKZF1-R433!KEEHSAYDL	264	109
>IKZF1-R433!KEEHRAYDLL	65	>IKZF1-R433!KEEHSAYDLL	105	40
>IKZF1-R433!KEEHRAYDL	81	>IKZF1-R433!KEEHSAYDL	15	66
>IKZF1-R433!KEEHRAYDL	1226	>IKZF1-R433!KEEHSAYDL	381	845
>IKZF1-R433!KEEHRAYDLL	151	>IKZF1-R433!KEEHSAYDLL	120	31
>IKZF1-R433!KEEHRAYDL	190	>IKZF1-R433!KEEHSAYDL	192	2
>IKZF1-R433!KEEHRAYDLL	173	>IKZF1-R433!KEEHSAYDLL	66	107
>IKZF1-R433!KEEHRAYDLL	79	>IKZF1-R433!KEEHSAYDLL	92	13
>IKZF1-R433!LKEEHRAY	103	>IKZF1-R433!LKEEHSAY	40	63
>IKZF1-R433!SLKEEHRA	750	>IKZF1-R433!SLKEEHSAY	250	500
>IKZF1-R433!SLKEEHRAYD	183	>IKZF1-R433!SLKEEHSAYD	76	107
>IKZF1-R433!SLKEEHRA	127	>IKZF1-R433!SLKEEHSAY	32	95
>IKZF1-R433!SLKEEHRAYD	214	>IKZF1-R433!SLKEEHSAYD	99	115
>IKZF1-R433!SLKEEHRA	380	>IKZF1-R433!SLKEEHSAY	275	105
>IKZF1-R433!SLKEEHRAYD	606	>IKZF1-R433!SLKEEHSAYD	401	205
>IKZF1-R433!SLKEEHRAYD	298	>IKZF1-R433!SLKEEHSAYD	148	150
>IKZF1-R433!SLKEEHRA	15	>IKZF1-R433!SLKEEHSAY	7	8
>IKZF1-R433!SLKEEHRAYD	28	>IKZF1-R433!SLKEEHSAYD	11	17
>IKZF1-R433!SLKEEHRAY	434	>IKZF1-R433!SLKEEHSAY	89	345
>IKZF1-R433!SLKEEHRAYD	113	>IKZF1-R433!SLKEEHSAYD	294	181
>IKZF1-R433!SLKEEHRAY	68	>IKZF1-R433!SLKEEHSAY	43	25
>IKZF1-R433!SLKEEHRAY	64	>IKZF1-R433!SLKEEHSAY	28	36
>IKZF1-R433!SLKEEHRAY	327	>IKZF1-R433!SLKEEHSAY	64	263
>IKZF1-R433!LSLKEEHRAY	457	>IKZF1-R433!LSLKEEHSAY	229	228
>IKZF1-R433!LSLKEEHRAY	298	>IKZF1-R433!LSLKEEHSAY	136	162

>IKZF1-R433!LSLKEEHR	383	>IKZF1-R433!LSLKEEHS	21688	21305
>IKZF1-R433!LSLKEEHRA	621	>IKZF1-R433!LSLKEEHSAY	225	396
>IKZF1-R433!LSLKEEHRA	84	>IKZF1-R433!LSLKEEHSAY	26	58
>IKZF1-R433!LSLKEEHRA	16	>IKZF1-R433!LSLKEEHSAY	10	6
>IKZF1-R433!LSLKEEHRA	1052	>IKZF1-R433!LSLKEEHSAY	288	764
>IKZF1-R433!GLSLKEEHRA	524	>IKZF1-R433!GLSLKEEHS	200	324
>IKZF1-R433!GLSLKEEHRA	71	>IKZF1-R433!GLSLKEEHS	62	9
>IKZF1-R433!GLSLKEEHRA	466	>IKZF1-R433!GLSLKEEHS	260	206
>IKZF1-R433!GLSLKEEHRA	797	>IKZF1-R433!GLSLKEEHS	275	522
>IKZF1-R433!GLSLKEEHRA	642	>IKZF1-R433!GLSLKEEHS	324	318
>IL21R-G422 GTTVLSCGCV	151	>IL21R-G422 ETTVLSCGCV	15	136
>IL21R-G422 GTTVLSCGCV	11035	>IL21R-G422 ETTVLSCGCV	158	10877
>IL21R-G422 AGTTVLSCGC	12652	>IL21R-G422 AETTVLSCGC	27	12625
>IL21R-G422 AGTTVLSCGC	23767	>IL21R-G422 AETTVLSCGC	287	23480
>IL21R-G422 AGTTVLSC	38007	>IL21R-G422 AETTVLSC	254	37753
>IL21R-G422 AGTTVLSCGC	31826	>IL21R-G422 AETTVLSCGC	23	31803
>IL21R-G422 AGTTVLSCGC	21690	>IL21R-G422 AETTVLSCGC	10	21680
>IL21R-G422 LDAGTTVL	878	>IL21R-G422 LDAETTVL	334	544
>IL21R-G422 LLDAGTTV	22	>IL21R-G422 LLDAETTV	21	1
>IL21R-G422 LLDAGTTVL	72	>IL21R-G422 LLDAETTVL	102	30
>IL21R-G422 LLDAGTTV	24	>IL21R-G422 LLDAETTV	17	7
>IL21R-G422 LLDAGTTVL	25	>IL21R-G422 LLDAETTVL	13	12
>IL21R-G422 LLDAGTTV	14	>IL21R-G422 LLDAETTV	35	21
>IL21R-G422 LLDAGTTVL	84	>IL21R-G422 LLDAETTVL	226	142
>IL21R-G422 LLDAGTTV	19	>IL21R-G422 LLDAETTV	32	13
>IL21R-G422 LLDAGTTVL	81	>IL21R-G422 LLDAETTVL	293	212
>IL21R-G422 LLDAGTTV	2	>IL21R-G422 LLDAETTV	3	1
>IL21R-G422 LLDAGTTVL	12	>IL21R-G422 LLDAETTVL	29	17
>IL21R-G422 LLDAGTTVLS	46	>IL21R-G422 LLDAETTVLS	78	32
>IL21R-G422 LLDAGTTV	4	>IL21R-G422 LLDAETTV	5	1
>IL21R-G422 LLDAGTTVL	17	>IL21R-G422 LLDAETTVL	26	9
>IL21R-G422 LLDAGTTVLS	493	>IL21R-G422 LLDAETTVLS	648	155
>IL21R-G422 LLDAGTTV	4	>IL21R-G422 LLDAETTV	5	1
>IL21R-G422 LLDAGTTVL	15	>IL21R-G422 LLDAETTVL	36	21
>IL21R-G422 LLDAGTTV	4	>IL21R-G422 LLDAETTV	5	1
>IL21R-G422 LLDAGTTVL	14	>IL21R-G422 LLDAETTVL	50	36
>IL21R-G422 LLDAGTTVLS	429	>IL21R-G422 LLDAETTVLS	890	461
>IL21R-G422 LLDAGTTV	2	>IL21R-G422 LLDAETTV	2	0
>IL21R-G422 LLDAGTTVL	3	>IL21R-G422 LLDAETTVL	8	5
>IL21R-G422 LLDAGTTVLS	313	>IL21R-G422 LLDAETTVLS	725	412
>IL21R-G422 LLDAGTTVLS	16	>IL21R-G422 LLDAETTVLS	28	12
>IL21R-G422 LLDAGTTVL	303	>IL21R-G422 LLDAETTVL	1047	744
>IL21R-G422 PLLDAGTTV	630	>IL21R-G422 PLLDAETTV	372	258

>IL21R-G422 PLLDAGTTV	317	>IL21R-G422 PLLDAETTV	354	37
>IL21R-G422 PLLDAGTTVL	627	>IL21R-G422 PLLDAETTVL	475	152
>IL21R-G422 PLLDAGTTV	194	>IL21R-G422 PLLDAETTV	1030	836
>IL21R-G422 PLLDAGTTV	182	>IL21R-G422 PLLDAETTV	499	317
>IL21R-G422 PLLDAGTTV	4	>IL21R-G422 PLLDAETTV	7	3
>IL21R-G422 PLLDAGTTVL	73	>IL21R-G422 PLLDAETTVL	150	77
>IL21R-G422 PLLDAGTTV	28	>IL21R-G422 PLLDAETTV	47	19
>IL21R-G422 PLLDAGTTVL	472	>IL21R-G422 PLLDAETTVL	721	249
>IL21R-G422 PLLDAGTTV	6	>IL21R-G422 PLLDAETTV	6	0
>IL21R-G422 PLLDAGTTVL	51	>IL21R-G422 PLLDAETTVL	62	11
>IL21R-G422 PLLDAGTTV	5	>IL21R-G422 PLLDAETTV	4	1
>IL21R-G422 PLLDAGTTVL	28	>IL21R-G422 PLLDAETTVL	40	12
>IL21R-G422 PLLDAGTT	923	>IL21R-G422 PLLDAETT	355	568
>IL21R-G422 PLLDAGTTV	3	>IL21R-G422 PLLDAETTV	3	0
>IL21R-G422 PLLDAGTTVL	13	>IL21R-G422 PLLDAETTVL	18	5
>IL21R-G422 DPLLDAGTTV	463	>IL21R-G422 DPLLDAETTV	1022	559
>IL21R-G422 DPLLDAGTTV	363	>IL21R-G422 DPLLDAETTV	380	17
>IL21R-G422 GLEDPLLDAG	188	>IL21R-G422 GLEDPLLDAE	140	48
>IL6ST-T415I TIPACDFQA	596	>IL6ST-T415I IIPACDFQA	197	399
>IL6ST-T415I TIPACDFQA	44	>IL6ST-T415I IIPACDFQA	950	906
>IL6ST-T415I LTIPACDFQA	96	>IL6ST-T415I LIIPACDFQA	95	1
>IL6ST-T415I LTIPACDFQA	378	>IL6ST-T415I LIIPACDFQAT	104	274
>IL6ST-T415I LTIPACDFQA	5207	>IL6ST-T415I LIIPACDFQA	129	5078
>IL6ST-T415I LTIPACDF	373	>IL6ST-T415I LIIPACDF	2679	2306
>IL6ST-T415I LTIPACDFQ	190	>IL6ST-T415I LIIPACDFQ	1551	1361
>IL6ST-T415I LTIPACDF	117	>IL6ST-T415I LIIPACDF	94	23
>IL6ST-T415I LTIPACDF	147	>IL6ST-T415I LIIPACDF	224	77
>IL6ST-T415I LTIPACDF	4	>IL6ST-T415I LIIPACDF	237	233
>IL6ST-T415I LTIPACDF	339	>IL6ST-T415I LIIPACDF	9231	8892
>IL6ST-T415I LTIPACDF	91	>IL6ST-T415I LIIPACDF	1701	1610
>IL6ST-T415I LTIPACDF	38	>IL6ST-T415I LIIPACDF	6476	6438
>IL6ST-T415I LVGKSDAAVL	38124	>IL6ST-T415I LVGKSDAAVL	401	37723
>IL6ST-T415I VLTIPACDFQ	1611	>IL6ST-T415I VLIIPACDFQA	423	1188
>IL6ST-T415I VLTIPACDFQ	1974	>IL6ST-T415I VLIIPACDFQA	422	1552
>IL6ST-T415I VLTIPACDFQ	136	>IL6ST-T415I VLIIPACDFQA	47	89
>IL6ST-T415I VLTIPACDFQ	1680	>IL6ST-T415I VLIIPACDFQA	394	1286
>IL6ST-T415I VLTIPACDFQ	66	>IL6ST-T415I VLIIPACDFQA	99	33
>IL6ST-T415I VLTIPACDFQ	402	>IL6ST-T415I VLIIPACDFQ	556	154
>IL6ST-T415I VLTIPACDFQ	10	>IL6ST-T415I VLIIPACDFQA	14	4
>IL6ST-T415I VLTIPACDF	4699	>IL6ST-T415I VLIIPACDF	385	4314
>IL6ST-T415I VLTIPACDF	521	>IL6ST-T415I VLIIPACDF	155	366
>IL6ST-T415I VLTIPACDF	647	>IL6ST-T415I VLIIPACDF	188	459
>IL6ST-T415I AVLTIPACDF	115	>IL6ST-T415I AVLIIPACDF	200	85



>IL6ST-T415I AVLTIPACDF	302	>IL6ST-T415I AVLIIPACDF	778	476
>IL6ST-T415I AVLTIPACDF	340	>IL6ST-T415I AVLIIPACDF	118	222
>IL6ST-T415I AAVLTIPA	554	>IL6ST-T415I AAVLIIPA	393	161
>IL6ST-T415I AAVLTIPACD	122	>IL6ST-T415I AAVLIIPACDF	273	151
>IL6ST-T415I AAVLTIPACD	11	>IL6ST-T415I AAVLIIPACDF	19	8
>IL6ST-T415I DAAVLTIPA	43	>IL6ST-T415I DAAVLIIPA	48	5
>IL6ST-T415I DAAVLTIPA	177	>IL6ST-T415I DAAVLIIPA	412	235
>IL6ST-T415I SDAAVLTI	848	>IL6ST-T415I SDAAVLII	486	362
>IL6ST-T415I SDAAVLTIPA	405	>IL6ST-T415I SDAAVLIIPA	369	36
>IL6ST-T415I SDAAVLTI	325	>IL6ST-T415I SDAAVLII	218	107
>IL6ST-T415I SDAAVLTI	49	>IL6ST-T415I SDAAVLII	57	8
>IL6ST-T415I KSDAAVLT	13677	>IL6ST-T415I KSDAAVLI	157	13520
>IL6ST-T415I KSDAAVLT	22	>IL6ST-T415I KSDAAVLII	170	148
>IL6ST-T415I KSDAAVLT	2988	>IL6ST-T415I KSDAAVLI	53	2935
>IL6ST-T415I KSDAAVLT	7	>IL6ST-T415I KSDAAVLII	37	30
>IL6ST-T415I KSDAAVLT	8080	>IL6ST-T415I KSDAAVLI	40	8040
>IL6ST-T415I KSDAAVLT	15	>IL6ST-T415I KSDAAVLII	16	1
>IL6ST-T415I KSDAAVLT	495	>IL6ST-T415I KSDAAVLII	353	142
>IL6ST-T415I KSDAAVLT	2678	>IL6ST-T415I KSDAAVLI	182	2496
>IL6ST-T415I KSDAAVLT	31050	>IL6ST-T415I KSDAAVLI	52	30998
>IL6ST-T415I KSDAAVLT	45	>IL6ST-T415I KSDAAVLII	73	28
>IL6ST-T415I GKSDAAVLT	417	>IL6ST-T415I GKSDAAVLII	510	93
>ITK-A261P- $\lambda$ AFMVRDSR	25	>ITK-A261P-r PFMVRDSR	1055	1030
>ITK-A261P- $\lambda$ AFMVRDSR	151	>ITK-A261P-r PFMVRDSR	172	21
>ITK-A261P- $\lambda$ GAFMVRDSR	355	>ITK-A261P-r GPFMVRDSR	16640	16285
>ITK-A261P- $\lambda$ GAFMVRDSR	64	>ITK-A261P-r GPFMVRDSR	3140	3076
>ITK-A261P- $\lambda$ GAFMVRDSR	219	>ITK-A261P-r GPFMVRDSR	2116	1897
>ITK-A261P- $\lambda$ GAFMVRDSR	21	>ITK-A261P-r GPFMVRDSR	551	530
>ITK-A261P- $\lambda$ KLLLDTGKEG	292	>ITK-A261P-r KLLLDTGKEG	12352	12060
>ITK-A261P- $\lambda$ KLLLDTGKEG	89	>ITK-A261P-r KLLLDTGKEG	9961	9872
>ITK-A261P- $\lambda$ KLLLDTGKEG	144	>ITK-A261P-r KLLLDTGKEG	13441	13297
>ITK-A261P- $\lambda$ KLLLDTGKEG	113	>ITK-A261P-r KLLLDTGKEG	13271	13158
>ITK-A261P- $\lambda$ KLLLDTGKEG	275	>ITK-A261P-r KLLLDTGKEG	20310	20035
>ITK-A261P- $\lambda$ KLLLDTGKEG	152	>ITK-A261P-r KLLLDTGKEG	22548	22396
>ITK-A261P- $\lambda$ KEGAFMVR	25	>ITK-A261P-r KEGPFMVR	28	3
>ITK-A261P- $\lambda$ KEGAFMVRD	87	>ITK-A261P-r KEGPFMVRD	93	6
>ITK-A261P- $\lambda$ DTGKEGAF	125	>ITK-A261P-r DTGKEGPF	175	50
>ITK-A261P- $\lambda$ DTGKEGAFM	27	>ITK-A261P-r DTGKEGPFM	31	4
>ITK-A261P- $\lambda$ DTGKEGAFM	67	>ITK-A261P-r DTGKEGPFM	287	220
>ITK-A261P- $\lambda$ DTGKEGAFM	106	>ITK-A261P-r DTGKEGPFM	165	59
>ITK-A261P- $\lambda$ DTGKEGAFM	46	>ITK-A261P-r DTGKEGPFM	85	39
>ITK-A261P- $\lambda$ DTGKEGAFM	25	>ITK-A261P-r DTGKEGPFM	24	1
>ITK-A261P- $\lambda$ LDTGKEGAFM	75	>ITK-A261P-r LDTGKEGPFM	130	55

>ITK-A261P- $\nu$ LLDTGKEGAF	460	>ITK-A261P-rLLDTGKEGPF	1279	819
>ITK-A261P- $\nu$ LLDTGKEGA	71	>ITK-A261P-rLLDTGKEGP	9950	9879
>ITK-A261P- $\nu$ LLDTGKEGAF	89	>ITK-A261P-rLLDTGKEGPF	83	6
>ITK-A261P- $\nu$ LLDTGKEGAF	307	>ITK-A261P-rLLDTGKEGPF	554	247
>ITK-A261P- $\nu$ LLDTGKEGA	170	>ITK-A261P-rLLDTGKEGP	14474	14304
>ITK-A261P- $\nu$ LLDTGKEGAF	255	>ITK-A261P-rLLDTGKEGPF	85	170
>ITK-A261P- $\nu$ LLDTGKEGAF	330	>ITK-A261P-rLLDTGKEGPF	271	59
>ITK-A261P- $\nu$ LLDTGKEGA	23	>ITK-A261P-rLLDTGKEGP	12952	12929
>ITK-A261P- $\nu$ LLDTGKEGAF	87	>ITK-A261P-rLLDTGKEGPF	70	17
>ITK-A261P- $\nu$ LLLDTGKEGA	488	>ITK-A261P-rLLLDTGKEGP	12797	12309
>ITK-A261P- $\nu$ LLLDTGKEGA	203	>ITK-A261P-rLLLDTGKEGP	9528	9325
>ITK-A261P- $\nu$ LLLDTGKEGA	122	>ITK-A261P-rLLLDTGKEGP	9535	9413
>ITK-A261P- $\nu$ LLLDTGKEGA	324	>ITK-A261P-rLLLDTGKEGP	13921	13597
>ITK-A261P- $\nu$ LLLDTGKEGA	7	>ITK-A261P-rLLLDTGKEGP	1367	1360
>ITK-A261P- $\nu$ LLLDTGKEGA	384	>ITK-A261P-rLLLDTGKEGP	389	5
>ITK-A261P- $\nu$ LLLDTGKEGA	39	>ITK-A261P-rLLLDTGKEGP	7840	7801
>ITK-A261P- $\nu$ LLLDTGKEGA	26	>ITK-A261P-rLLLDTGKEGP	8066	8040
>ITK-A261P- $\nu$ LLLDTGKEGA	29	>ITK-A261P-rLLLDTGKEGP	12413	12384
>ITK-A261P- $\nu$ LLLDTGKEGA	5	>ITK-A261P-rLLLDTGKEGP	2236	2231
>ITK-A261P- $\nu$ LLLDTGKEGA	144	>ITK-A261P-rLLLDTGKEGP	98	46
>ITK-A261P- $\nu$ LLLDTGKEGA	141	>ITK-A261P-rLLLDTGKEGP	137	4
>ITK-A261P- $\nu$ LLLDTGKEGA	72	>ITK-A261P-rLLLDTGKEGP	77	5
>ITK-A261P- $\nu$ LLLDTGKEGA	493	>ITK-A261P-rLLLDTGKEGP	265	228
>ITK-A349S- $\nu$ TAGLRYGK	144	>ITK-A349S-rTSGLRYGK	44	100
>ITK-A349S- $\nu$ TAGLRYGK	454	>ITK-A349S-rTSGLRYGK	513	59
>ITK-A349S- $\nu$ TAGLRYGKW	1616	>ITK-A349S-rTSGLRYGKW	245	1371
>ITK-A349S- $\nu$ TAGLRYGKW	865	>ITK-A349S-rTSGLRYGKW	472	393
>ITK-A349S- $\nu$ TAGLRYGKW	973	>ITK-A349S-rTSGLRYGKW	204	769
>ITK-A349S- $\nu$ VTAGLRYGKV	361	>ITK-A349S-rVTSGLRYGKV	794	433
>ITK-A349S- $\nu$ VTAGLRYGKV	198	>ITK-A349S-rVTSGLRYGKV	359	161
>ITK-A349S- $\nu$ VTAGLRYGKV	64	>ITK-A349S-rVTSGLRYGKV	108	44
>ITK-A349S- $\nu$ VTAGLRYGK	310	>ITK-A349S-rVTSGLRYGK	340	30
>ITK-A349S- $\nu$ VTAGLRYGK	11	>ITK-A349S-rVTSGLRYGK	11	0
>ITK-A349S- $\nu$ VTAGLRYGK	288	>ITK-A349S-rVTSGLRYGK	291	3
>ITK-A349S- $\nu$ VTAGLRYGK	16	>ITK-A349S-rVTSGLRYGK	55	39
>ITK-A349S- $\nu$ VTAGLRYGKV	182	>ITK-A349S-rVTSGLRYGKV	522	340
>ITK-A349S- $\nu$ VTAGLRYGKV	21	>ITK-A349S-rVTSGLRYGKV	16	5
>ITK-A349S- $\nu$ VTAGLRYGKV	59	>ITK-A349S-rVTSGLRYGKV	65	6
>ITK-A349S- $\nu$ VTAGLRYGKV	21	>ITK-A349S-rVTSGLRYGKV	25	4
>ITK-A349S- $\nu$ VTAGLRYGKV	142	>ITK-A349S-rVTSGLRYGKV	300	158
>ITK-A349S- $\nu$ VTAGLRYGKV	974	>ITK-A349S-rVTSGLRYGKV	484	490
>ITK-A349S- $\nu$ VTAGLRYGKV	207	>ITK-A349S-rVTSGLRYGKV	201	6
>ITK-A349S- $\nu$ PVTAGLRYGK	400	>ITK-A349S-rPVTSGLRYGK	324	76

>ITK-A349S-v PVTAGLRY	334	>ITK-A349S-r PVTSGRLRY	203	131
>ITK-A349S-v PVTAGLRY	52	>ITK-A349S-r PVTSGRLRY	42	10
>ITK-A349S-v PVTAGLRY	980	>ITK-A349S-r PVTSGRLRY	466	514
>ITK-A349S-v PVTAGLRY	157	>ITK-A349S-r PVTSGRLRY	251	94
>ITK-A349S-v APVTAGLRY	65	>ITK-A349S-r APVTSGLRY	97	32
>ITK-A349S-v APVTAGLRY	162	>ITK-A349S-r APVTSGLRY	102	60
>ITK-A349S-v APVTAGLRY	35	>ITK-A349S-r APVTSGLRY	53	18
>ITK-A349S-v KAPVTAGLR	525	>ITK-A349S-r KAPVTSGLR	237	288
>ITK-A349S-v KAPVTAGLRY	67	>ITK-A349S-r KAPVTSGLRY	42	25
>ITK-A349S-v KAPVTAGL	65	>ITK-A349S-r KAPVTSGL	190	125
>ITK-A349S-v QKAPVTAGLF	309	>ITK-A349S-r QKAPVTSGLF	391	82
>ITK-A349S-v QKAPVTAGL	273	>ITK-A349S-r QKAPVTSGL	727	454
>ITK-A349S-v QKAPVTAGL	477	>ITK-A349S-r QKAPVTSGL	166	311
>ITK-A349S-v QKAPVTAGLF	44	>ITK-A349S-r QKAPVTSGLF	21	23
>ITK-A349S-v QKAPVTAGL	440	>ITK-A349S-r QKAPVTSGL	673	233
>ITK-A349S-v RQKAPVTA	420	>ITK-A349S-r RQKAPVTS	9260	8840
>ITK-A349S-v RQKAPVTAGI	253	>ITK-A349S-r RQKAPVTSGL	232	21
>ITK-A349S-v RQKAPVTA	57	>ITK-A349S-r RQKAPVTS	780	723
>ITK-A349S-v RQKAPVTAGI	303	>ITK-A349S-r RQKAPVTSGL	507	204
>ITK-A349S-v RQKAPVTAGI	420	>ITK-A349S-r RQKAPVTSGL	194	226
>ITK-A349S-v RQKAPVTAGI	16	>ITK-A349S-r RQKAPVTSGL	13	3
>ITK-A349S-v RQKAPVTA	168	>ITK-A349S-r RQKAPVTS	1190	1022
>ITK-A349S-v RQKAPVTAG	90	>ITK-A349S-r RQKAPVTSGL	96	6
>ITK-A349S-v RQKAPVTAGI	61	>ITK-A349S-r RQKAPVTSGL	62	1
>ITK-A349S-v RQKAPVTA	51	>ITK-A349S-r RQKAPVTS	216	165
>ITK-A349S-v RQKAPVTAG	305	>ITK-A349S-r RQKAPVTSGL	291	14
>ITK-A349S-v RQKAPVTAGI	24	>ITK-A349S-r RQKAPVTSGL	13	11
>ITK-A349S-v RQKAPVTAGI	558	>ITK-A349S-r RQKAPVTSGL	440	118
>ITK-A349S-v RQKAPVTAGI	64	>ITK-A349S-r RQKAPVTSGL	72	8
>ITK-A349S-v RQKAPVTAGI	231	>ITK-A349S-r RQKAPVTSGL	333	102
>ITK-A349S-v RQKAPVTAGI	217	>ITK-A349S-r RQKAPVTSGL	298	81
>ITK-A349S-v RQKAPVTAGI	259	>ITK-A349S-r RQKAPVTSGL	234	25
>ITK-A349S-v GRQKAPVTA	120	>ITK-A349S-r GRQKAPVTS	146	26
>ITK-A349S-v GRQKAPVTA	81	>ITK-A349S-r GRQKAPVTS	65	16
>ITK-A349S-v GRQKAPVTA	370	>ITK-A349S-r GRQKAPVTS	788	418
>ITK-A349S-v GRQKAPVTA	8	>ITK-A349S-r GRQKAPVTS	6	2
>ITK-D202A-i DSSEIHWWR	2579	>ITK-D202A-i ASSEIHWWR	63	2516
>ITK-D202A-i DSSEIHWWR	7481	>ITK-D202A-i ASSEIHWWR	140	7341
>ITK-D202A-i DSSEIHWWR	8709	>ITK-D202A-i ASSEIHWWR	97	8612
>ITK-D202A-i DSSEIHWWR	228	>ITK-D202A-i ASSEIHWWR	13	215
>ITK-D202A-i DSSEIHWWR	13	>ITK-D202A-i ASSEIHWWR	211	198
>ITK-D202A-i DSSEIHWWR	3	>ITK-D202A-i ASSEIHWWR	14	11
>ITK-D202A-i DSSEIHWWR	124	>ITK-D202A-i ASSEIHWWR	235	111

>ITK-D202A-1 DSSEIHWWR	46	>ITK-D202A-1 ASSEIHWWR	585	539
>ITK-D202A-1 DSSEIHW	171	>ITK-D202A-1 ASSEIHW	7	164
>ITK-D202A-1 DSSEIHW	80	>ITK-D202A-1 ASSEIHW	42	38
>ITK-D202A-1 DSSEIHW	308	>ITK-D202A-1 ASSEIHW	19	289
>ITK-D202A-1 DSSEIHWWR	830	>ITK-D202A-1 ASSEIHWWR	100	730
>ITK-D202A-1 LDSSEIHWI	16730	>ITK-D202A-1 LASSEIHWI	399	16331
>ITK-D202A-1 LDSSEIHWI	2823	>ITK-D202A-1 LASSEIHWI	110	2713
>ITK-D202A-1 LDSSEIHWI	9005	>ITK-D202A-1 LASSEIHWI	327	8678
>ITK-D202A-1 LDSSEIHWI	4231	>ITK-D202A-1 LASSEIHWI	53	4178
>ITK-D202A-1 LDSSEIHWI	3926	>ITK-D202A-1 LASSEIHWI	64	3862
>ITK-D202A-1 LDSSEIHWI	2025	>ITK-D202A-1 LASSEIHWI	13	2012
>ITK-D202A-1 LDSSEIHWI	18877	>ITK-D202A-1 LASSEIHWI	430	18447
>ITK-D202A-1 LDSSEIHWI	172	>ITK-D202A-1 LASSEIHWI	14	158
>ITK-D202A-1 LDSSEIHWI	1562	>ITK-D202A-1 LASSEIHWI	178	1384
>ITK-D202A-1 LDSSEIHWI	3731	>ITK-D202A-1 LASSEIHWI	12	3719
>ITK-D202A-1 LDSSEIHWI	13250	>ITK-D202A-1 LASSEIHWI	418	12832
>ITK-D202A-1 LDSSEIHW	5532	>ITK-D202A-1 LASSEIHW	30	5502
>ITK-D202A-1 LDSSEIHW	5225	>ITK-D202A-1 LASSEIHW	24	5201
>ITK-D202A-1 LDSSEIHW	746	>ITK-D202A-1 LASSEIHW	20	726
>ITK-D202A-1 LDSSEIHW	646	>ITK-D202A-1 LASSEIHW	21	625
>ITK-D202A-1 LDSSEIHW	8034	>ITK-D202A-1 LASSEIHW	53	7981
>ITK-D202A-1 LDSSEIHW	3275	>ITK-D202A-1 LASSEIHW	38	3237
>ITK-D202A-1 LDSSEIHW	3081	>ITK-D202A-1 LASSEIHW	12	3069
>ITK-D202A-1 LDSSEIHW	5950	>ITK-D202A-1 LASSEIHW	14	5936
>ITK-D202A-1 LDSSEIHW	503	>ITK-D202A-1 LASSEIHW	36	467
>ITK-D202A-1 LDSSEIHW	410	>ITK-D202A-1 LASSEIHW	42	368
>ITK-D202A-1 LDSSEIHW	4208	>ITK-D202A-1 LASSEIHW	55	4153
>ITK-D202A-1 LDSSEIHW	1362	>ITK-D202A-1 LASSEIHW	29	1333
>ITK-D202A-1 LDSSEIHWI	666	>ITK-D202A-1 LASSEIHWI	380	286
>ITK-D202A-1 LDSSEIHWI	80	>ITK-D202A-1 LASSEIHWI	23576	23496
>ITK-D202A-1 LLDSEIHW	639	>ITK-D202A-1 LLASSEIHW	224	415
>ITK-D202A-1 LLDSEIHW	354	>ITK-D202A-1 LLASSEIHW	64	290
>ITK-D202A-1 LLDSEIHW	522	>ITK-D202A-1 LLASSEIHW	270	252
>ITK-D202A-1 LLDSEIHW	268	>ITK-D202A-1 LLASSEIHW	20	248
>ITK-D202A-1 LLDSEIHW	1058	>ITK-D202A-1 LLASSEIHW	250	808
>ITK-D202A-1 LLDSEIHW	764	>ITK-D202A-1 LLASSEIHW	168	596
>ITK-D202A-1 LLDSEIHW	2324	>ITK-D202A-1 LLASSEIHW	450	1874
>ITK-D202A-1 LLDSEIHW	935	>ITK-D202A-1 LLASSEIHW	183	752
>ITK-D202A-1 LLDSEIHW	78	>ITK-D202A-1 LLASSEIHW	34	44
>ITK-D202A-1 LLDSEIHW	179	>ITK-D202A-1 LLASSEIHW	51	128
>ITK-D202A-1 LLDSEIHW	1141	>ITK-D202A-1 LLASSEIHW	409	732
>ITK-D202A-1 LLDSEIHW	765	>ITK-D202A-1 LLASSEIHW	307	458
>ITK-D202A-1 CLLDSEI	48	>ITK-D202A-1 CLLASSEI	103	55

>ITK-D202A-1 CLLDSSEI	99	>ITK-D202A-1 CLLASSEI	175	76
>ITK-D202A-1 CLLDSSEI	71	>ITK-D202A-1 CLLASSEI	128	57
>ITK-D202A-1 CLLDSSEI	139	>ITK-D202A-1 CLLASSEI	442	303
>ITK-D202A-1 CLLDSSEI	11	>ITK-D202A-1 CLLASSEI	24	13
>ITK-D202A-1 CLLDSSEI	9	>ITK-D202A-1 CLLASSEI	35	26
>ITK-D202A-1 CLLDSSEI	53	>ITK-D202A-1 CLLASSEI	111	58
>ITK-D202A-1 CLLDSSEI	8	>ITK-D202A-1 CLLASSEI	29	21
>ITK-D202A-1 CLLDSSEI	12	>ITK-D202A-1 CLLASSEI	45	33
>ITK-D202A-1 CLLDSSEIHW	262	>ITK-D202A-1 CLLASSEIHW	377	115
>ITK-D202A-1 CLLDSSEIHW'	171	>ITK-D202A-1 CLLASSEIHW'	242	71
>ITK-D202A-1 CLLDSSEIHW'	695	>ITK-D202A-1 CLLASSEIHW'	285	410
>ITK-D202A-1 CLLDSSEIHW	126	>ITK-D202A-1 CLLASSEIHW	44	82
>ITK-D202A-1 CLLDSSEIHW'	379	>ITK-D202A-1 CLLASSEIHW'	115	264
>ITK-D202A-1 CLLDSSEIHW'	346	>ITK-D202A-1 CLLASSEIHW'	426	80
>ITK-D202A-1 YCLLDSSEIHW	443	>ITK-D202A-1 YCLLASSEIHW	176	267
>ITK-D202A-1 YCLLDSSEI	324	>ITK-D202A-1 YCLLASSEI	194	130
>ITK-D202A-1 YCLLDSSEIHW	377	>ITK-D202A-1 YCLLASSEIHW	514	137
>ITK-D202A-1 EYCLLDSSEI	44	>ITK-D202A-1 EYCLLASSEI	22	22
>ITK-D202A-1 EYCLLDSSEI	178	>ITK-D202A-1 EYCLLASSEI	99	79
>ITK-D202A-1 EEYCLLDSSEI	6	>ITK-D202A-1 EEYCLLASSEI	5	1
>ITK-D202A-1 EEYCLLDSSEI	380	>ITK-D202A-1 EEYCLLASSEI	363	17
>ITK-D202A-1 EEYCLLDSSEI	244	>ITK-D202A-1 EEYCLLASSEI	197	47
>ITK-D202A-1 EEYCLLDSSEI	565	>ITK-D202A-1 EEYCLLASSEI	454	111
>ITK-D202A-1 EEYCLLDSSEI	371	>ITK-D202A-1 EEYCLLASSEI	260	111
>ITK-D202A-1 EEYCLLDS	344	>ITK-D202A-1 EEYCLLAS	66	278
>ITK-D202A-1 EEYCLLDSS	225	>ITK-D202A-1 EEYCLLASS	110	115
>ITK-D202A-1 EEYCLLDSSE	556	>ITK-D202A-1 EEYCLLASSE	425	131
>ITK-D202A-1 EEYCLLDSSEI	150	>ITK-D202A-1 EEYCLLASSEI	108	42
>ITK-D202A-1 EEYCLLDSSEI	13	>ITK-D202A-1 EEYCLLASSEI	10	3
>ITK-D202A-1 NEEYCLLD	2852	>ITK-D202A-1 NEEYCLLA	412	2440
>ITK-D202A-1 NEEYCLLDS	4275	>ITK-D202A-1 NEEYCLLAS	352	3923
>ITK-D202A-1 NEEYCLLD	9524	>ITK-D202A-1 NEEYCLLA	91	9433
>ITK-D202A-1 NEEYCLLDSS	368	>ITK-D202A-1 NEEYCLLASS	220	148
>ITK-D202A-1 RRNEEYCLLD	512	>ITK-D202A-1 RRNEEYCLLA	58	454
>ITK-D202A-1 RRNEEYCLLD	98	>ITK-D202A-1 RRNEEYCLLA	62	36
>ITK-D202A-1 RRNEEYCLLD	175	>ITK-D202A-1 RRNEEYCLLA	43	132
>ITK-E108Q-1 EETRNNNSL	420	>ITK-E108Q-1 QETRNNNSL	300	120
>ITK-E108Q-1 EETRNNNSLV	89	>ITK-E108Q-1 QETRNNNSLV	67	22
>ITK-E108Q-1 EETRNNNSL	240	>ITK-E108Q-1 QETRNNNSL	75	165
>ITK-E108Q-1 EETRNNNSL	314	>ITK-E108Q-1 QETRNNNSL	262	52
>ITK-E108Q-1 KEETRNNNSL	193	>ITK-E108Q-1 KQETRNNNSL	5196	5003
>ITK-E108Q-1 KEETRNNNSL	6543	>ITK-E108Q-1 KQETRNNNSL	210	6333
>ITK-E108Q-1 KEETRNNNSL	6689	>ITK-E108Q-1 KQETRNNNSL	282	6407

>ITK-E108Q-1 KEETRNNNSL	84	>ITK-E108Q-1 KQETRNNNSL	13657	13573
>ITK-E108Q-1 KEETRNNNSL	38	>ITK-E108Q-1 KQETRNNNSL	7908	7870
>ITK-E108Q-1 SRQRWVLALI	359	>ITK-E108Q-1 SRQRWVLALI	311	48
>ITK-E108Q-1 SRQRWVLALI	1666	>ITK-E108Q-1 SRQRWVLALI	474	1192
>ITK-E108Q-1 LKEETRNNNS	300	>ITK-E108Q-1 LKQETRNNNS	39	261
>ITK-E108Q-1 LKEETRNNNS	447	>ITK-E108Q-1 LKQETRNNNS	817	370
>ITK-E108Q-1 LALKEETR	1419	>ITK-E108Q-1 LALKQETR	309	1110
>ITK-E108Q-1 LALKEETR	444	>ITK-E108Q-1 LALKQETR	466	22
>ITK-E108Q-1 VLALKEET	368	>ITK-E108Q-1 VLALKQET	124	244
>ITK-E108Q-1 WVLALKEETF	834	>ITK-E108Q-1 WVLALKQETI	480	354
>ITK-E108Q-1 WVLALKEETF	62	>ITK-E108Q-1 WVLALKQETI	63	1
>ITK-E108Q-1 WVLALKEETF	452	>ITK-E108Q-1 WVLALKQETI	350	102
>ITK-E108Q-1 RWVLALKEET	421	>ITK-E108Q-1 RWVLALKQET	244	177
>ITK-E108Q-1 RWVLALKE	2234	>ITK-E108Q-1 RWVLALKQ	196	2038
>ITK-E108Q-1 RWVLALKEET	17	>ITK-E108Q-1 RWVLALKQET	15	2
>ITK-E108Q-1 RWVLALKE	390	>ITK-E108Q-1 RWVLALKQ	316	74
>ITK-E108Q-1 RWVLALKEE	482	>ITK-E108Q-1 RWVLALKQET	550	68
>ITK-E108Q-1 RWVLALKEET	389	>ITK-E108Q-1 RWVLALKQET	411	22
>ITK-E108Q-1 QRWVLALKE	207	>ITK-E108Q-1 QRWVLALKQ	67	140
>ITK-E108Q-1 QRWVLALKEI	220	>ITK-E108Q-1 QRWVLALKQ	204	16
>ITK-E108Q-1 QRWVLALKE	301	>ITK-E108Q-1 QRWVLALKQ	420	119
>ITK-E108Q-1 QRWVLALKE	281	>ITK-E108Q-1 QRWVLALKQ	227	54
>ITK-E108Q-1 QRWVLALKEI	259	>ITK-E108Q-1 QRWVLALKQ	239	20
>ITK-E108Q-1 QRWVLALKE	787	>ITK-E108Q-1 QRWVLALKQ	187	600
>ITK-E108Q-1 RQRWVLALK	2628	>ITK-E108Q-1 RQRWVLALKQ	451	2177
>ITK-E108Q-1 RQRWVLALK	654	>ITK-E108Q-1 RQRWVLALKQ	354	300
>ITK-E137D-1 EKLATGCAQY	387	>ITK-E137D-1 DKLATGCAQY	510	123
>ITK-E137D-1 EKLATGCAQY	36	>ITK-E137D-1 DKLATGCAQY	127	91
>ITK-E137D-1 LEKLATGC	265	>ITK-E137D-1 LDKLATGC	11835	11570
>ITK-E137D-1 LEKLATGCA	298	>ITK-E137D-1 LDKLATGCA	9525	9227
>ITK-E137D-1 LEKLATGCAQ	211	>ITK-E137D-1 LDKLATGCAC	8831	8620
>ITK-E137D-1 LEKLATGCAQ	231	>ITK-E137D-1 LDKLATGCAC	2419	2188
>ITK-E137D-1 LEKLATGCAQ	55	>ITK-E137D-1 LDKLATGCAC	6353	6298
>ITK-E137D-1 LEKLATGCAQ	412	>ITK-E137D-1 LDKLATGCAC	7846	7434
>ITK-E137D-1 LEKLATGCA	248	>ITK-E137D-1 LDKLATGCA	25510	25262
>ITK-E137D-1 SQLEKLAT	73	>ITK-E137D-1 SQLDKLAT	76	3
>ITK-E137D-1 SQLEKLATG	169	>ITK-E137D-1 SQLDKLATG	158	11
>ITK-E137D-1 SQLEKLATGC	54	>ITK-E137D-1 SQLDKLATGC	61	7
>ITK-E137D-1 RCCSQLEK	176	>ITK-E137D-1 WRCCSQLDK	536	360
>ITK-E137D-1 WRCCSQLEKI	388	>ITK-E137D-1 WRCCSQLDK	810	422
>ITK-E137D-1 WRCCSQLEKI	103	>ITK-E137D-1 WRCCSQLDK	151	48
>ITK-E137D-1 WRCCSQLEKI	156	>ITK-E137D-1 WRCCSQLDK	295	139
>ITK-E137D-1 WRCCSQLEKI	198	>ITK-E137D-1 WRCCSQLDK	376	178

>ITK-E137D-\ KWRCCSQLEI	278	>ITK-E137D-r KWRCCSQLD	583	305
>ITK-E137D-\ KWRCCSQLEI	4	>ITK-E137D-r KWRCCSQLD	5	1
>ITK-E137D-\ KWRCCSQLEI	364	>ITK-E137D-r KWRCCSQLD	374	10
>ITK-E137D-\ KWRCCSQLEI	314	>ITK-E137D-r KWRCCSQLD	498	184
>ITK-E137D-\ KWRCCSQLE	473	>ITK-E137D-r KWRCCSQLD	2301	1828
>ITK-E137D-\ KWRCCSQLEI	27	>ITK-E137D-r KWRCCSQLD	32	5
>ITK-E137D-\ KWRCCSQLEI	214	>ITK-E137D-r KWRCCSQLD	154	60
>ITK-E137D-\ GKWRCCSQL	268	>ITK-E137D-r GKWRCCSQL	400	132
>ITK-G372V-\ GQFGLVHL	8913	>ITK-G372V-i VQFGLVHL	265	8648
>ITK-G372V-\ GQFGLVHL	121	>ITK-G372V-i VQFGLVHL	103	18
>ITK-G372V-\ GQFGLVHL	43	>ITK-G372V-i VQFGLVHL	58	15
>ITK-G372V-\ GQFGLVHL	339	>ITK-G372V-i VQFGLVHL	318	21
>ITK-G372V-\ GQFGLVHL	12	>ITK-G372V-i VQFGLVHL	11	1
>ITK-G372V-\ GQFGLVHL	133	>ITK-G372V-i VQFGLVHL	61	72
>ITK-G372V-\ GQFGLVHL	247	>ITK-G372V-i VQFGLVHL	591	344
>ITK-G372V-\ GQFGLVHL	91	>ITK-G372V-i VQFGLVHL	131	40
>ITK-G372V-\ GQFGLVHLG\	532	>ITK-G372V-i VQFGLVHLG\	499	33
>ITK-G372V-\ GQFGLVHLG\	99	>ITK-G372V-i VQFGLVHLG\	96	3
>ITK-G372V-\ GQFGLVHLG\	511	>ITK-G372V-i VQFGLVHLG\	220	291
>ITK-G372V-\ GQFGLVHLG\	736	>ITK-G372V-i VQFGLVHLG\	38	698
>ITK-G372V-\ GQFGLVHL	117	>ITK-G372V-i VQFGLVHL	91	26
>ITK-G372V-\ GQFGLVHLG\	46	>ITK-G372V-i VQFGLVHLG\	43	3
>ITK-G372V-\ GQFGLVHLG\	685	>ITK-G372V-i VQFGLVHLG\	496	189
>ITK-G372V-\ GQFGLVHLG\	176	>ITK-G372V-i VQFGLVHLG\	131	45
>ITK-G372V-\ GQFGLVHL	161	>ITK-G372V-i VQFGLVHL	45	116
>ITK-G372V-\ GQFGLVHLG\	59	>ITK-G372V-i VQFGLVHLG\	19	40
>ITK-G372V-\ GQFGLVHL	224	>ITK-G372V-i VQFGLVHL	749	525
>ITK-G372V-\ GQFGLVHLG\	230	>ITK-G372V-i VQFGLVHLG\	1081	851
>ITK-G372V-\ GQFGLVHL	510	>ITK-G372V-i VQFGLVHL	311	199
>ITK-G372V-\ GQFGLVHL	142	>ITK-G372V-i VQFGLVHL	506	364
>ITK-G372V-\ GQFGLVHLG\	314	>ITK-G372V-i VQFGLVHLG\	512	198
>ITK-G372V-\ GQFGLVHL	144	>ITK-G372V-i VQFGLVHL	589	445
>ITK-G372V-\ GQFGLVHLG\	1381	>ITK-G372V-i VQFGLVHLG\	422	959
>ITK-G372V-\ GQFGLVHLG\	799	>ITK-G372V-i VQFGLVHLG\	125	674
>ITK-G372V-\ GQFGLVHLG\	93	>ITK-G372V-i VQFGLVHLG\	28	65
>ITK-G372V-\ SGQFGLVHL	7681	>ITK-G372V-i SVQFGLVHL	229	7452
>ITK-G372V-\ SGQFGLVHLC	5202	>ITK-G372V-i SVQFGLVHLC	86	5116
>ITK-G372V-\ SGQFGLVHLC	20149	>ITK-G372V-i SVQFGLVHLC	136	20013
>ITK-G372V-\ SGQFGLVHLC	324	>ITK-G372V-i SVQFGLVHLC	18	306
>ITK-G372V-\ SGQFGLVHLC	163	>ITK-G372V-i SVQFGLVHLC	78	85
>ITK-G372V-\ SGQFGLVHLC	607	>ITK-G372V-i SVQFGLVHLC	18	589
>ITK-G372V-\ SGQFGLVHLC	569	>ITK-G372V-i SVQFGLVHLC	157	412
>ITK-G372V-\ SGQFGLVHLC	968	>ITK-G372V-i SVQFGLVHLC	344	624

>ITK-G372V-1 ELTFVQEIGSC	15595	>ITK-G372V-1 ELTFVQEIGSV	408	15187
>ITK-G372V-1 ELTFVQEIGSC	19736	>ITK-G372V-1 ELTFVQEIGSV	303	19433
>ITK-G372V-1 ELTFVQEIGSC	18102	>ITK-G372V-1 ELTFVQEIGSV	38	18064
>ITK-G372V-1 ELTFVQEIGSC	22241	>ITK-G372V-1 ELTFVQEIGSV	75	22166
>ITK-G372V-1 ELTFVQEIGSC	25013	>ITK-G372V-1 ELTFVQEIGSV	93	24920
>ITK-G372V-1 ELTFVQEIGSC	27363	>ITK-G372V-1 ELTFVQEIGSV	9	27354
>ITK-G372V-1 ELTFVQEIGSC	6290	>ITK-G372V-1 ELTFVQEIGSV	54	6236
>ITK-G372V-1 ELTFVQEIGSC	20544	>ITK-G372V-1 ELTFVQEIGSV	308	20236
>ITK-G372V-1 GSGQFGLVHI	576	>ITK-G372V-1 GSVQFGLVHI	32	544
>ITK-G372V-1 GSGQFGLVH	382	>ITK-G372V-1 GSVQFGLVH	100	282
>ITK-G372V-1 EIGSGQFGL	112	>ITK-G372V-1 EIGSVQFGL	158	46
>ITK-G372V-1 EIGSGQFGL	432	>ITK-G372V-1 EIGSVQFGL	1402	970
>ITK-G372V-1 EIGSGQFGLV	149	>ITK-G372V-1 EIGSVQFGLV	462	313
>ITK-G372V-1 EIGSGQFGL	230	>ITK-G372V-1 EIGSVQFGL	42	188
>ITK-G372V-1 EIGSGQFGLV	182	>ITK-G372V-1 EIGSVQFGLV	165	17
>ITK-G372V-1 EIGSGQFGL	28	>ITK-G372V-1 EIGSVQFGL	26	2
>ITK-G372V-1 EIGSGQFGLV	26	>ITK-G372V-1 EIGSVQFGLV	27	1
>ITK-G372V-1 QEIGSGQF	471	>ITK-G372V-1 QEIGSVQF	1416	945
>ITK-G372V-1 QEIGSGQFGL	139	>ITK-G372V-1 QEIGSVQFGL	47	92
>ITK-G372V-1 QEIGSGQF	640	>ITK-G372V-1 QEIGSVQF	129	511
>ITK-G372V-1 QEIGSGQF	108	>ITK-G372V-1 QEIGSVQF	48	60
>ITK-G372V-1 QEIGSGQF	154	>ITK-G372V-1 QEIGSVQF	112	42
>ITK-G372V-1 QEIGSGQFGL	52	>ITK-G372V-1 QEIGSVQFGL	103	51
>ITK-G372V-1 QEIGSGQFGL	99	>ITK-G372V-1 QEIGSVQFGL	61	38
>ITK-G372V-1 QEIGSGQF	582	>ITK-G372V-1 QEIGSVQF	264	318
>ITK-G372V-1 QEIGSGQFGL	451	>ITK-G372V-1 QEIGSVQFGL	259	192
>ITK-G372V-1 QEIGSGQF	96	>ITK-G372V-1 QEIGSVQF	52	44
>ITK-G372V-1 QEIGSGQFGL	625	>ITK-G372V-1 QEIGSVQFGL	231	394
>ITK-G372V-1 QEIGSGQFGL	437	>ITK-G372V-1 QEIGSVQFGL	404	33
>ITK-G372V-1 QEIGSGQFG	480	>ITK-G372V-1 QEIGSVQFG	269	211
>ITK-G372V-1 QEIGSGQFGL	82	>ITK-G372V-1 QEIGSVQFGL	74	8
>ITK-G372V-1 QEIGSGQFGL	30	>ITK-G372V-1 QEIGSVQFGL	27	3
>ITK-G372V-1 QEIGSGQFGL	63	>ITK-G372V-1 QEIGSVQFGL	21	42
>ITK-G372V-1 VQEIGSGQFC	237	>ITK-G372V-1 VQEIGSVQFC	138	99
>ITK-G372V-1 VQEIGSGQF	324	>ITK-G372V-1 VQEIGSVQF	227	97
>ITK-G372V-1 VQEIGSGQF	317	>ITK-G372V-1 VQEIGSVQF	768	451
>ITK-G372V-1 VQEIGSGQF	1656	>ITK-G372V-1 VQEIGSVQF	121	1535
>ITK-G372V-1 FVQEIGSG	19247	>ITK-G372V-1 FVQEIGSV	48	19199
>ITK-G372V-1 FVQEIGSG	5786	>ITK-G372V-1 FVQEIGSV	27	5759
>ITK-G372V-1 FVQEIGSG	6249	>ITK-G372V-1 FVQEIGSV	6	6243
>ITK-G372V-1 FVQEIGSG	5611	>ITK-G372V-1 FVQEIGSV	7	5604
>ITK-G372V-1 FVQEIGSG	9260	>ITK-G372V-1 FVQEIGSV	7	9253
>ITK-G372V-1 FVQEIGSG	15569	>ITK-G372V-1 FVQEIGSV	22	15547



>ITK-G372V-1 FVQEIGSG	22094	>ITK-G372V-1 FVQEIGSV	74	22020
>ITK-G372V-1 FVQEIGSG	22019	>ITK-G372V-1 FVQEIGSV	109	21910
>ITK-G372V-1 FVQEIGSG	18812	>ITK-G372V-1 FVQEIGSV	3	18809
>ITK-G372V-1 FVQEIGSGQF	297	>ITK-G372V-1 FVQEIGSVQF	140	157
>ITK-G372V-1 FVQEIGSG	9802	>ITK-G372V-1 FVQEIGSV	35	9767
>ITK-G372V-1 FVQEIGSG	15300	>ITK-G372V-1 FVQEIGSV	47	15253
>ITK-G372V-1 FVQEIGSGQF	145	>ITK-G372V-1 FVQEIGSVQF	108	37
>ITK-G372V-1 FVQEIGSGQF	65	>ITK-G372V-1 FVQEIGSVQF	111	46
>ITK-G372V-1 FVQEIGSGQF	1779	>ITK-G372V-1 FVQEIGSVQF	333	1446
>ITK-G372V-1 FVQEIGSGQF	108	>ITK-G372V-1 FVQEIGSVQF	74	34
>ITK-G372V-1 FVQEIGSGQF	94	>ITK-G372V-1 FVQEIGSVQF	106	12
>ITK-G372V-1 FVQEIGSGQF	1996	>ITK-G372V-1 FVQEIGSVQF	422	1574
>ITK-G372V-1 TFVQEIGSGQ	88	>ITK-G372V-1 TFVQEIGSVQ	35	53
>ITK-G372V-1 TFVQEIGSGQ	19	>ITK-G372V-1 TFVQEIGSVQ	13	6
>ITK-G372V-1 LTFVQEIGSG	15487	>ITK-G372V-1 LTFVQEIGSV	437	15050
>ITK-G372V-1 LTFVQEIGSG	11500	>ITK-G372V-1 LTFVQEIGSV	41	11459
>ITK-G372V-1 LTFVQEIGSG	14024	>ITK-G372V-1 LTFVQEIGSV	112	13912
>ITK-G372V-1 LTFVQEIGSG	19758	>ITK-G372V-1 LTFVQEIGSV	79	19679
>ITK-G372V-1 LTFVQEIGSG	35018	>ITK-G372V-1 LTFVQEIGSV	103	34915
>ITK-G372V-1 LTFVQEIGSG	27423	>ITK-G372V-1 LTFVQEIGSV	111	27312
>ITK-G372V-1 LTFVQEIGSG	5580	>ITK-G372V-1 LTFVQEIGSV	205	5375
>ITK-G372V-1 LTFVQEIGSG	3995	>ITK-G372V-1 LTFVQEIGSV	63	3932
>ITK-G372V-1 LTFVQEIGSG(	509	>ITK-G372V-1 LTFVQEIGSV(	134	375
>ITK-L51Q-w TLKGSIEL	60	>ITK-L51Q-m TQKGSIEL	3713	3653
>ITK-L51Q-w TLKGSIELSRI	142	>ITK-L51Q-m TQKGSIELSRI	7375	7233
>ITK-L51Q-w TLKGSIEL	61	>ITK-L51Q-m TQKGSIEL	1823	1762
>ITK-L51Q-w TLKGSIELSRI	14	>ITK-L51Q-m TQKGSIELSRI	303	289
>ITK-L51Q-w TLKGSIEL	386	>ITK-L51Q-m TQKGSIEL	11849	11463
>ITK-L51Q-w TLKGSIEL	5	>ITK-L51Q-m TQKGSIEL	12938	12933
>ITK-L51Q-w TLKGSIELSRI	17	>ITK-L51Q-m TQKGSIELSRI	21094	21077
>ITK-L51Q-w TLKGSIELSR	123	>ITK-L51Q-m TQKGSIELSR	239	116
>ITK-L51Q-w TLKGSIELSR	311	>ITK-L51Q-m TQKGSIELSR	845	534
>ITK-L51Q-w TLKGSIEL	2447	>ITK-L51Q-m TQKGSIEL	408	2039
>ITK-L51Q-w TLKGSIEL	5060	>ITK-L51Q-m TQKGSIEL	329	4731
>ITK-L51Q-w FEDRHGKKRT	368	>ITK-L51Q-m FEDRHGKKRT	14328	13960
>ITK-L51Q-w FEDRHGKKRT	70	>ITK-L51Q-m FEDRHGKKRT	12661	12591
>ITK-L51Q-w RTLKGSIEL	192	>ITK-L51Q-m RTQKGSIEL	2245	2053
>ITK-L51Q-w RTLKGSIEL	354	>ITK-L51Q-m RTQKGSIEL	3262	2908
>ITK-L51Q-w RTLKGSIEL	498	>ITK-L51Q-m RTQKGSIEL	7569	7071
>ITK-L51Q-w RTLKGSIELSR	347	>ITK-L51Q-m RTQKGSIELSF	1582	1235
>ITK-L51Q-w RTLKGSIELSR	104	>ITK-L51Q-m RTQKGSIELSF	140	36
>ITK-L51Q-w RTLKGSIEL	23	>ITK-L51Q-m RTQKGSIEL	76	53
>ITK-L51Q-w RTLKGSIELSR	77	>ITK-L51Q-m RTQKGSIELSF	275	198

>ITK-L51Q-w RTLKGSIELSR	23	>ITK-L51Q-m RTQKGSIELSF	33	10
>ITK-L51Q-w RTLKGSIEL	38	>ITK-L51Q-m RTQKGSIEL	91	53
>ITK-L51Q-w RTLKGSIELSR	380	>ITK-L51Q-m RTQKGSIELSF	490	110
>ITK-L51Q-w RTLKGSIEL	426	>ITK-L51Q-m RTQKGSIEL	1443	1017
>ITK-L51Q-w RTLKGSIEL	4	>ITK-L51Q-m RTQKGSIEL	6	2
>ITK-L51Q-w RTLKGSIEL	78	>ITK-L51Q-m RTQKGSIEL	121	43
>ITK-L51Q-w RTLKGSIEL	745	>ITK-L51Q-m RTQKGSIEL	313	432
>ITK-L51Q-w RTLKGSIELSR	92	>ITK-L51Q-m RTQKGSIELSF	326	234
>ITK-L51Q-w RTLKGSIEL	146	>ITK-L51Q-m RTQKGSIEL	172	26
>ITK-L51Q-w KRTLKGS	195	>ITK-L51Q-m KRTQKGS	234	39
>ITK-L51Q-w KRTLKGSIEL	57	>ITK-L51Q-m KRTQKGSIEL	54	3
>ITK-L51Q-w KRTLKGS	258	>ITK-L51Q-m KRTQKGS	176	82
>ITK-L51Q-w KRTLKGSIEL	48	>ITK-L51Q-m KRTQKGSIEL	31	17
>ITK-L51Q-w KRTLKGSIEL	82	>ITK-L51Q-m KRTQKGSIEL	53	29
>ITK-L51Q-w KKRTLKGS	322	>ITK-L51Q-m KKRTQKGS	113	209
>ITK-L51Q-w KKRTLKGSIEL	250	>ITK-L51Q-m KKRTQKGSIEL	136	114
>ITK-L51Q-w KKRTLKGS	442	>ITK-L51Q-m KKRTQKGS	284	158
>ITK-L51Q-w KKRTLKGSIEL	51	>ITK-L51Q-m KKRTQKGSIEL	35	16
>ITK-L51Q-w KKRTLKGSIEL	154	>ITK-L51Q-m KKRTQKGSIEL	303	149
>ITK-L51Q-w HGKKRTLK	12	>ITK-L51Q-m HGKKRTQK	19	7
>ITK-L51Q-w HGKKRTLKGS	223	>ITK-L51Q-m HGKKRTQKG	205	18
>ITK-L51Q-w HGKKRTLKGS	312	>ITK-L51Q-m HGKKRTQKG	292	20
>ITK-L582V-v LASTHVYQI	109	>ITK-L582V-r VASTHVYQI	469	360
>ITK-L582V-v LASTHVYQI	313	>ITK-L582V-r VASTHVYQI	540	227
>ITK-L582V-v LASTHVYQIM	282	>ITK-L582V-r VASTHVYQIM	487	205
>ITK-L582V-v LASTHVYQI	133	>ITK-L582V-r VASTHVYQI	194	61
>ITK-L582V-v LASTHVYQIM	174	>ITK-L582V-r VASTHVYQIM	316	142
>ITK-L582V-v LASTHVYQIM	260	>ITK-L582V-r VASTHVYQIM	800	540
>ITK-L582V-v LASTHVYQI	233	>ITK-L582V-r VASTHVYQI	807	574
>ITK-L582V-v RLASTHVYQI	227	>ITK-L582V-r RVASTHVYQI	5409	5182
>ITK-L582V-v RLASTHVYQ	267	>ITK-L582V-r RVASTHVYQ	7226	6959
>ITK-L582V-v RLASTHVYQI	26	>ITK-L582V-r RVASTHVYQI	320	294
>ITK-L582V-v RLASTHVYQII	104	>ITK-L582V-r RVASTHVYQI	3125	3021
>ITK-L582V-v RLASTHVYQI	136	>ITK-L582V-r RVASTHVYQI	1267	1131
>ITK-L582V-v RLASTHVYQII	227	>ITK-L582V-r RVASTHVYQI	4319	4092
>ITK-L582V-v RLASTHVYQI	459	>ITK-L582V-r RVASTHVYQI	637	178
>ITK-L582V-v RLASTHVYQ	270	>ITK-L582V-r RVASTHVYQ	8715	8445
>ITK-L582V-v RLASTHVYQI	4	>ITK-L582V-r RVASTHVYQI	156	152
>ITK-L582V-v RLASTHVYQII	188	>ITK-L582V-r RVASTHVYQI	6727	6539
>ITK-L582V-v RLASTHVYQI	26	>ITK-L582V-r RVASTHVYQI	2963	2937
>ITK-L582V-v RLASTHVYQI	19	>ITK-L582V-r RVASTHVYQI	1635	1616
>ITK-L582V-v RLASTHVYQII	441	>ITK-L582V-r RVASTHVYQI	12643	12202
>ITK-L582V-v RLASTHVYQI	14	>ITK-L582V-r RVASTHVYQI	1250	1236

>ITK-L582V-v RLASTHVYQ	104	>ITK-L582V-r RVASTHVYQ	11178	11074
>ITK-L582V-v RLASTHVYQI	8	>ITK-L582V-r RVASTHVYQI	1945	1937
>ITK-L582V-v RLASTHVYQII	200	>ITK-L582V-r RVASTHVYQII	13507	13307
>ITK-L582V-v RLASTHVY	150	>ITK-L582V-r RVASTHVY	366	216
>ITK-L582V-v RLASTHVY	1361	>ITK-L582V-r RVASTHVY	148	1213
>ITK-L582V-v RLASTHVY	2356	>ITK-L582V-r RVASTHVY	67	2289
>ITK-L582V-v RLASTHVY	66	>ITK-L582V-r RVASTHVY	49	17
>ITK-L582V-v RLASTHVYQ	985	>ITK-L582V-r RVASTHVYQ	108	877
>ITK-L582V-v RLASTHVYQI	1107	>ITK-L582V-r RVASTHVYQI	154	953
>ITK-L582V-v RLASTHVYQII	1482	>ITK-L582V-r RVASTHVYQII	191	1291
>ITK-L582V-v RLASTHVY	12	>ITK-L582V-r RVASTHVY	12	0
>ITK-L582V-v RLASTHVYQ	654	>ITK-L582V-r RVASTHVYQ	353	301
>ITK-L582V-v RLASTHVY	415	>ITK-L582V-r RVASTHVY	413	2
>ITK-L582V-v RLASTHVYQI	20	>ITK-L582V-r RVASTHVYQI	21	1
>ITK-L582V-v RLASTHVYQII	1863	>ITK-L582V-r RVASTHVYQII	251	1612
>ITK-L582V-v RLASTHVY	11	>ITK-L582V-r RVASTHVY	11	0
>ITK-L582V-v RLASTHVYQII	2646	>ITK-L582V-r RVASTHVYQII	262	2384
>ITK-L582V-v RLASTHVY	35	>ITK-L582V-r RVASTHVY	47	12
>ITK-L582V-v RLASTHVYQII	164	>ITK-L582V-r RVASTHVYQII	461	297
>ITK-L582V-v RLASTHVY	132	>ITK-L582V-r RVASTHVY	872	740
>ITK-L582V-v RLASTHVY	16	>ITK-L582V-r RVASTHVY	108	92
>ITK-L582V-v RLASTHVYQI	247	>ITK-L582V-r RVASTHVYQI	1287	1040
>ITK-L582V-v RLASTHVYQII	22	>ITK-L582V-r RVASTHVYQII	136	114
>ITK-L582V-v RLASTHVY	140	>ITK-L582V-r RVASTHVY	24	116
>ITK-L582V-v RLASTHVYQI	3208	>ITK-L582V-r RVASTHVYQI	446	2762
>ITK-L582V-v RLASTHVY	1605	>ITK-L582V-r RVASTHVY	326	1279
>ITK-L582V-v RLASTHVY	192	>ITK-L582V-r RVASTHVY	39	153
>ITK-L582V-v RLASTHVYQI	493	>ITK-L582V-r RVASTHVYQI	69	424
>ITK-L582V-v RLASTHVYQII	822	>ITK-L582V-r RVASTHVYQII	92	730
>ITK-L582V-v RLASTHVY	107	>ITK-L582V-r RVASTHVY	36	71
>ITK-L582V-v RLASTHVYQII	111	>ITK-L582V-r RVASTHVYQII	19	92
>ITK-L582V-v RLASTHVY	116	>ITK-L582V-r RVASTHVY	51	65
>ITK-L582V-v RLASTHVY	203	>ITK-L582V-r RVASTHVY	357	154
>ITK-L582V-v RLASTHVYQI	9791	>ITK-L582V-r RVASTHVYQI	393	9398
>ITK-L582V-v STGFRLYKPRI	259	>ITK-L582V-r STGFRLYKPR\	842	583
>ITK-L582V-v STGFRLYKPRI	2994	>ITK-L582V-r STGFRLYKPR\	207	2787
>ITK-L582V-v STGFRLYKPRI	5759	>ITK-L582V-r STGFRLYKPR\	372	5387
>ITK-L582V-v STGFRLYKPRI	2440	>ITK-L582V-r STGFRLYKPR\	199	2241
>ITK-L582V-v STGFRLYKPRI	281	>ITK-L582V-r STGFRLYKPR\	4982	4701
>ITK-L582V-v PRLASTHVY	164	>ITK-L582V-r PRVASTHVY	233	69
>ITK-L582V-v KPRLASTH	70	>ITK-L582V-r KPRVASTH	94	24
>ITK-L582V-v KPRLASTHV	13	>ITK-L582V-r KPRVASTHV	13	0
>ITK-L582V-v KPRLASTHVY	241	>ITK-L582V-r KPRVASTHVY	220	21

>ITK-L582V-v KPRLASTHVY	311	>ITK-L582V-r KPRVASTHVY	418	107
>ITK-L582V-v KPRLASTHVY	450	>ITK-L582V-r KPRVASTHVY	197	253
>ITK-L582V-v KPRLASTHVY	37	>ITK-L582V-r KPRVASTHVY	27	10
>ITK-L582V-v YKPRLASTHV	202	>ITK-L582V-r YKPRVASTHV	169	33
>ITK-L582V-v YKPRLASTHV	11	>ITK-L582V-r YKPRVASTHV	11	0
>ITK-L582V-v LYKPRLASTH	92	>ITK-L582V-r LYKPRVASTH	91	1
>ITK-L582V-v LYKPRLASTH	467	>ITK-L582V-r LYKPRVASTH	448	19
>ITK-L582V-v LYKPRLAS	473	>ITK-L582V-r LYKPRVAS	772	299
>ITK-L582V-v LYKPRLASTH	75	>ITK-L582V-r LYKPRVASTH	69	6
>ITK-L582V-v RLYKPRLAST	339	>ITK-L582V-r RLYKPRVAST	642	303
>ITK-L582V-v RLYKPRLA	57	>ITK-L582V-r RLYKPRVA	118	61
>ITK-L582V-v RLYKPRLAST	32	>ITK-L582V-r RLYKPRVAST	54	22
>ITK-L582V-v RLYKPRLA	32	>ITK-L582V-r RLYKPRVA	30	2
>ITK-L582V-v RLYKPRLAST	76	>ITK-L582V-r RLYKPRVAST	52	24
>ITK-L582V-v RLYKPRLA	449	>ITK-L582V-r RLYKPRVA	628	179
>ITK-L582V-v RLYKPRLA	97	>ITK-L582V-r RLYKPRVA	134	37
>ITK-L582V-v RLYKPRLAST	68	>ITK-L582V-r RLYKPRVAST	56	12
>ITK-L582V-v RLYKPRLASTH	46	>ITK-L582V-r RLYKPRVASTH	48	2
>ITK-L582V-v RLYKPRLASTH	625	>ITK-L582V-r RLYKPRVASTH	453	172
>ITK-L582V-v RLYKPRLAS	901	>ITK-L582V-r RLYKPRVAS	464	437
>ITK-L582V-v RLYKPRLASTH	250	>ITK-L582V-r RLYKPRVASTH	198	52
>ITK-L582V-v RLYKPRLASTH	118	>ITK-L582V-r RLYKPRVASTH	147	29
>ITK-L582V-v FRLYKPRL	82	>ITK-L582V-r FRLYKPRV	214	132
>ITK-L582V-v FRLYKPRLA	395	>ITK-L582V-r FRLYKPRVA	717	322
>ITK-L582V-v FRLYKPRL	363	>ITK-L582V-r FRLYKPRV	3619	3256
>ITK-L582V-v FRLYKPRL	287	>ITK-L582V-r FRLYKPRV	1590	1303
>ITK-L582V-v GFRLYKPRLA	203	>ITK-L582V-r GFRLYKPRVA	380	177
>ITK-P159L-v PTPEDNRR	4314	>ITK-P159L-n LTPEDNRR	197	4117
>ITK-P159L-v PTPEDNRRPL	7704	>ITK-P159L-n LTPEDNRRPL	451	7253
>ITK-P159L-v PTPEDNRRPL	4866	>ITK-P159L-n LTPEDNRRPL	243	4623
>ITK-P159L-v PTPEDNRRPL	3914	>ITK-P159L-n LTPEDNRRPL	160	3754
>ITK-P159L-v PTPEDNRRPL	98	>ITK-P159L-n LTPEDNRRPL	7	91
>ITK-P159L-v PTPEDNRRPL	471	>ITK-P159L-n LTPEDNRRPL	37	434
>ITK-P159L-v PPTPEDNRRF	35749	>ITK-P159L-n PLTPEDNRRP	162	35587
>ITK-P159L-v PPTPEDNRRF	381	>ITK-P159L-n PLTPEDNRRP	8269	7888
>ITK-P159L-v TKNASKKPLP	3013	>ITK-P159L-n TKNASKKPLP	71	2942
>ITK-P159L-v TKNASKKPLP	19817	>ITK-P159L-n TKNASKKPLP	93	19724
>ITK-P159L-v KPLPPTPEDN	128	>ITK-P159L-n KPLPLTPEDN	80	48
>ITK-P159L-v ASKKPLPP	421	>ITK-P159L-n ASKKPLPL	27	394
>ITK-P159L-v ASKKPLPPT	101	>ITK-P159L-n ASKKPLPLT	289	188
>ITK-P159L-v ASKKPLPPTP	365	>ITK-P159L-n ASKKPLPLTP	641	276
>ITK-P159L-v ASKKPLPP	7592	>ITK-P159L-n ASKKPLPL	382	7210
>ITK-P159L-v ASKKPLPP	18074	>ITK-P159L-n ASKKPLPL	24	18050

>ITK-P159L-v ASKKPLPP	28662	>ITK-P159L-n ASKKPLPL	457	28205
>ITK-P159L-v NASKKPLPP	8130	>ITK-P159L-n NASKKPLPL	117	8013
>ITK-P23L-wi PSNFKVRFFV	2583	>ITK-P23L-mi LSNFKVRFFV	102	2481
>ITK-P23L-wi PSNFKVRF	13973	>ITK-P23L-mi LSNFKVRF	427	13546
>ITK-P23L-wi PSNFKVRF	13024	>ITK-P23L-mi LSNFKVRF	441	12583
>ITK-P23L-wi PSNFKVRF	2998	>ITK-P23L-mi LSNFKVRF	315	2683
>ITK-P23L-wi PSNFKVRF	3225	>ITK-P23L-mi LSNFKVRF	368	2857
>ITK-P23L-wi PSNFKVRF	1063	>ITK-P23L-mi LSNFKVRF	8	1055
>ITK-P23L-wi PSNFKVRF	1575	>ITK-P23L-mi LSNFKVRF	8	1567
>ITK-P23L-wi PSNFKVRFFV	6506	>ITK-P23L-mi LSNFKVRFFV	71	6435
>ITK-P23L-wi PSNFKVRF	14463	>ITK-P23L-mi LSNFKVRF	296	14167
>ITK-P23L-wi PSNFKVRF	11851	>ITK-P23L-mi LSNFKVRF	336	11515
>ITK-P23L-wi PSNFKVRFFV	5394	>ITK-P23L-mi LSNFKVRFFV	200	5194
>ITK-P23L-wi SPSNFKVRFF\	77	>ITK-P23L-mi SLSNFKVRFF\	21423	21346
>ITK-P23L-wi SPSNFKVRFF\	18784	>ITK-P23L-mi SLSNFKVRFF\	16	18768
>ITK-P23L-wi SPSNFKVRFF\	11725	>ITK-P23L-mi SLSNFKVRFF\	4	11721
>ITK-P23L-wi SPSNFKVRFF\	17725	>ITK-P23L-mi SLSNFKVRFF\	16	17709
>ITK-P23L-wi SPSNFKVRFF\	6446	>ITK-P23L-mi SLSNFKVRFF\	42	6404
>ITK-P23L-wi SPSNFKVRFF\	6425	>ITK-P23L-mi SLSNFKVRFF\	3	6422
>ITK-P23L-wi SPSNFKVRFF\	17481	>ITK-P23L-mi SLSNFKVRFF\	11	17470
>ITK-P23L-wi SPSNFKVRFF\	4656	>ITK-P23L-mi SLSNFKVRFF\	5	4651
>ITK-P23L-wi SPSNFKVRFF\	19787	>ITK-P23L-mi SLSNFKVRFF\	11	19776
>ITK-P23L-wi SPSNFKVRFF\	10462	>ITK-P23L-mi SLSNFKVRFF\	2	10460
>ITK-P23L-wi SPSNFKVRF	4573	>ITK-P23L-mi SLSNFKVRF	97	4476
>ITK-P23L-wi SPSNFKVRF	15932	>ITK-P23L-mi SLSNFKVRF	163	15769
>ITK-P23L-wi SPSNFKVRF	1342	>ITK-P23L-mi SLSNFKVRF	283	1059
>ITK-P23L-wi SPSNFKVRFF\	436	>ITK-P23L-mi SLSNFKVRFF\	66	370
>ITK-P23L-wi SPSNFKVRFF\	507	>ITK-P23L-mi SLSNFKVRFF\	177	330
>ITK-P23L-wi SPSNFKVRF	16049	>ITK-P23L-mi SLSNFKVRF	438	15611
>ITK-P23L-wi SPSNFKVRF	972	>ITK-P23L-mi SLSNFKVRF	156	816
>ITK-P23L-wi SPSNFKVRF	975	>ITK-P23L-mi SLSNFKVRF	178	797
>ITK-P23L-wi SPSNFKVRF	288	>ITK-P23L-mi SLSNFKVRF	11335	11047
>ITK-P23L-wi SPSNFKVRF	170	>ITK-P23L-mi SLSNFKVRF	29439	29269
>ITK-P23L-wi SPSNFKVRFF	3569	>ITK-P23L-mi SLSNFKVRFF	320	3249
>ITK-P23L-wi SPSNFKVRF	113	>ITK-P23L-mi SLSNFKVRF	7076	6963
>ITK-P23L-wi SPSNFKVRFF	96	>ITK-P23L-mi SLSNFKVRFF	3441	3345
>ITK-P23L-wi SPSNFKVRF	289	>ITK-P23L-mi SLSNFKVRF	22798	22509
>ITK-P23L-wi SPSNFKVRFF	380	>ITK-P23L-mi SLSNFKVRFF	23260	22880
>ITK-P23L-wi SPSNFKVRF	438	>ITK-P23L-mi SLSNFKVRF	165	273
>ITK-P23L-wi KKSQQKRRTS	1925	>ITK-P23L-mi KKSQQKRRTS	70	1855
>ITK-P23L-wi TSPSNFKVRFI	156	>ITK-P23L-mi TSLSNFKVRFI	23157	23001
>ITK-P23L-wi TSPSNFKVRFI	148	>ITK-P23L-mi TSLSNFKVRFI	110	38
>ITK-P23L-wi TSPSNFKVRF	771	>ITK-P23L-mi TSLSNFKVRF	50	721

>ITK-P23L-wi TSPSNFKVR	279	>ITK-P23L-mi TSLSNFKVR	184	95
>ITK-P23L-wi TSPSNFKV	41	>ITK-P23L-mi TSLSNFKV	182	141
>ITK-P23L-wi TSPSNFKV	1546	>ITK-P23L-mi TSLSNFKV	34	1512
>ITK-P23L-wi TSPSNFKVRF	567	>ITK-P23L-mi TSLSNFKVRF	46	521
>ITK-P23L-wi TSPSNFKVRFI	649	>ITK-P23L-mi TSLSNFKVRFI	67	582
>ITK-P23L-wi TSPSNFKVRF	734	>ITK-P23L-mi TSLSNFKVRF	14	720
>ITK-P23L-wi TSPSNFKVRFI	716	>ITK-P23L-mi TSLSNFKVRFI	17	699
>ITK-P23L-wi TSPSNFKV	20	>ITK-P23L-mi TSLSNFKV	9358	9338
>ITK-P23L-wi TSPSNFKVR	258	>ITK-P23L-mi TSLSNFKVR	22404	22146
>ITK-P23L-wi TSPSNFKVRF	8	>ITK-P23L-mi TSLSNFKVRF	4084	4076
>ITK-P23L-wi TSPSNFKVRFI	4	>ITK-P23L-mi TSLSNFKVRFI	1432	1428
>ITK-P23L-wi TSPSNFKVRF	245	>ITK-P23L-mi TSLSNFKVRF	253	8
>ITK-P23L-wi TSPSNFKVRFI	2739	>ITK-P23L-mi TSLSNFKVRFI	158	2581
>ITK-P23L-wi TSPSNFKVR	1108	>ITK-P23L-mi TSLSNFKVR	103	1005
>ITK-P23L-wi TSPSNFKVR	683	>ITK-P23L-mi TSLSNFKVR	306	377
>ITK-P23L-wi RTSPSNFKV	271	>ITK-P23L-mi RTSLSNFKV	831	560
>ITK-P23L-wi RTSPSNFKV	106	>ITK-P23L-mi RTSLSNFKV	358	252
>ITK-P23L-wi RTSPSNFKV	186	>ITK-P23L-mi RTSLSNFKV	1541	1355
>ITK-P23L-wi RTSPSNFKV	216	>ITK-P23L-mi RTSLSNFKV	1475	1259
>ITK-P23L-wi RTSPSNFKV	113	>ITK-P23L-mi RTSLSNFKV	2337	2224
>ITK-P23L-wi RTSPSNFK	37	>ITK-P23L-mi RTSLSNFK	44	7
>ITK-P23L-wi RTSPSNFK	9	>ITK-P23L-mi RTSLSNFK	9	0
>ITK-P23L-wi RTSPSNFKVR	316	>ITK-P23L-mi RTSLSNFKVR	277	39
>ITK-P23L-wi RTSPSNFKVR	252	>ITK-P23L-mi RTSLSNFKVR	1071	819
>ITK-P23L-wi RTSPSNFK	4	>ITK-P23L-mi RTSLSNFK	5	1
>ITK-P23L-wi RTSPSNFKV	69	>ITK-P23L-mi RTSLSNFKV	187	118
>ITK-P23L-wi RTSPSNFKVR	345	>ITK-P23L-mi RTSLSNFKVR	762	417
>ITK-P23L-wi RTSPSNFK	32	>ITK-P23L-mi RTSLSNFK	38	6
>ITK-P23L-wi RTSPSNFKVR	32	>ITK-P23L-mi RTSLSNFKVR	22	10
>ITK-P23L-wi RTSPSNFKVR	45	>ITK-P23L-mi RTSLSNFKVR	47	2
>ITK-P23L-wi RTSPSNFK	39	>ITK-P23L-mi RTSLSNFK	32	7
>ITK-P23L-wi RTSPSNFKVR	352	>ITK-P23L-mi RTSLSNFKVR	547	195
>ITK-P23L-wi RTSPSNFKV	52	>ITK-P23L-mi RTSLSNFKV	211	159
>ITK-P23L-wi RTSPSNFKV	198	>ITK-P23L-mi RTSLSNFKV	600	402
>ITK-P23L-wi RTSPSNFKVR	314	>ITK-P23L-mi RTSLSNFKVR	975	661
>ITK-P23L-wi RTSPSNFKVR	60	>ITK-P23L-mi RTSLSNFKVR	152	92
>ITK-P23L-wi RTSPSNFKV	7	>ITK-P23L-mi RTSLSNFKV	12	5
>ITK-P23L-wi RTSPSNFKVR	2	>ITK-P23L-mi RTSLSNFKVR	3	1
>ITK-P23L-wi RTSPSNFKVR	50	>ITK-P23L-mi RTSLSNFKVR	160	110
>ITK-P23L-wi RTSPSNFKV	288	>ITK-P23L-mi RTSLSNFKV	2008	1720
>ITK-P23L-wi RTSPSNFKVR	19	>ITK-P23L-mi RTSLSNFKVR	47	28
>ITK-P23L-wi RTSPSNFKV	104	>ITK-P23L-mi RTSLSNFKV	403	299
>ITK-P23L-wi RTSPSNFKVR	195	>ITK-P23L-mi RTSLSNFKVR	534	339

>ITK-P23L-wi RTSPSNFKV	165	>ITK-P23L-mi RTSLSNFKV	439	274
>ITK-P23L-wi RTSPSNFKVR	11	>ITK-P23L-mi RTSLSNFKVR	23	12
>ITK-P23L-wi RTSPSNFK	365	>ITK-P23L-mi RTSLSNFK	528	163
>ITK-P23L-wi RTSPSNFKVR	257	>ITK-P23L-mi RTSLSNFKVR	482	225
>ITK-P23L-wi RTSPSNFKVR	119	>ITK-P23L-mi RTSLSNFKVR	126	7
>ITK-P23L-wi RTSPSNFKV	175	>ITK-P23L-mi RTSLSNFKV	727	552
>ITK-P23L-wi RRTSPSNFK	257	>ITK-P23L-mi RRTSLSNFK	203	54
>ITK-P23L-wi RRTSPSNF	5	>ITK-P23L-mi RRTSLSNF	12	7
>ITK-P23L-wi RRTSPSNFKV	340	>ITK-P23L-mi RRTSLSNFKV	689	349
>ITK-P23L-wi RRTSPSNFKV	401	>ITK-P23L-mi RRTSLSNFKV	682	281
>ITK-P23L-wi RRTSPSNF	114	>ITK-P23L-mi RRTSLSNF	41	73
>ITK-P23L-wi RRTSPSNFK	177	>ITK-P23L-mi RRTSLSNFK	45	132
>ITK-P23L-wi RRTSPSNFKV	93	>ITK-P23L-mi RRTSLSNFKV	46	47
>ITK-P23L-wi RRTSPSNFKV	141	>ITK-P23L-mi RRTSLSNFKV	48	93
>ITK-P23L-wi RRTSPSNF	246	>ITK-P23L-mi RRTSLSNF	59	187
>ITK-P23L-wi RRTSPSNFK	401	>ITK-P23L-mi RRTSLSNFK	159	242
>ITK-P23L-wi RRTSPSNFKV	432	>ITK-P23L-mi RRTSLSNFKV	508	76
>ITK-P23L-wi RRTSPSNFKV	445	>ITK-P23L-mi RRTSLSNFKV	258	187
>ITK-P23L-wi RRTSPSNF	198	>ITK-P23L-mi RRTSLSNF	51	147
>ITK-P23L-wi RRTSPSNFK	366	>ITK-P23L-mi RRTSLSNFK	73	293
>ITK-P23L-wi RRTSPSNFKV	266	>ITK-P23L-mi RRTSLSNFKV	212	54
>ITK-P23L-wi RRTSPSNFKV	266	>ITK-P23L-mi RRTSLSNFKV	123	143
>ITK-P23L-wi KRRTSPSNFK	4	>ITK-P23L-mi KRRTSLSNFK	4	0
>ITK-P23L-wi KRRTSPSNFK'	105	>ITK-P23L-mi KRRTSLSNFK\	135	30
>ITK-P23L-wi KRRTSPSNF	2	>ITK-P23L-mi KRRTSLSNF	3	1
>ITK-P23L-wi KRRTSPSNFK	285	>ITK-P23L-mi KRRTSLSNFK	540	255
>ITK-P23L-wi KRRTSPSNFK'	68	>ITK-P23L-mi KRRTSLSNFK\	125	57
>ITK-P23L-wi KRRTSPSNFK	130	>ITK-P23L-mi KRRTSLSNFK	84	46
>ITK-P23L-wi KRRTSPSNFK'	568	>ITK-P23L-mi KRRTSLSNFK\	401	167
>ITK-P23L-wi KRRTSPSNF	320	>ITK-P23L-mi KRRTSLSNF	131	189
>ITK-P23L-wi KRRTSPSN	362	>ITK-P23L-mi KRRTSLSN	311	51
>ITK-P23L-wi KRRTSPSNF	77	>ITK-P23L-mi KRRTSLSNF	82	5
>ITK-P23L-wi KRRTSPSNFK	143	>ITK-P23L-mi KRRTSLSNFK	137	6
>ITK-P23L-wi KRRTSPSNFK'	100	>ITK-P23L-mi KRRTSLSNFK\	99	1
>ITK-P23L-wi KRRTSPSNF	81	>ITK-P23L-mi KRRTSLSNF	75	6
>ITK-P23L-wi KRRTSPSNFK	328	>ITK-P23L-mi KRRTSLSNFK	191	137
>ITK-P23L-wi QKRRTSPSNF	7	>ITK-P23L-mi QKRRTSLSNF	7	0
>ITK-P23L-wi QKRRTSPS	302	>ITK-P23L-mi QKRRTSLS	1177	875
>ITK-P23L-wi QKRRTSPSNF	2	>ITK-P23L-mi QKRRTSLSNF	2	0
>ITK-P23L-wi QKRRTSPSNF	185	>ITK-P23L-mi QKRRTSLSNF	234	49
>ITK-P23L-wi QQKRRTSP	3668	>ITK-P23L-mi QQKRRTSL	42	3626
>ITK-P23L-wi QQKRRTSP	6159	>ITK-P23L-mi QQKRRTSL	336	5823
>ITK-P23L-wi QQKRRTSPSN	77	>ITK-P23L-mi QQKRRTSLSN	60	17

>ITK-P23L-wi QQKRRTSPSN	180	>ITK-P23L-mi QQKRRTSLSN	256	76
>ITK-P23L-wi QQKRRTSP	1697	>ITK-P23L-mi QQKRRTSL	36	1661
>ITK-P23L-wi QQKRRTSPSN	3	>ITK-P23L-mi QQKRRTSLSN	3	0
>ITK-P23L-wi SQQKRRTSP	15512	>ITK-P23L-mi SQQKRRTSL	148	15364
>ITK-P23L-wi SQQKRRTSP	3454	>ITK-P23L-mi SQQKRRTSL	35	3419
>ITK-P23L-wi SQQKRRTSP	5816	>ITK-P23L-mi SQQKRRTSL	280	5536
>ITK-P23L-wi SQQKRRTSP	3501	>ITK-P23L-mi SQQKRRTSL	81	3420
>ITK-P23L-wi SQQKRRTSP	13329	>ITK-P23L-mi SQQKRRTSL	128	13201
>ITK-P23L-wi KSQQKRRTSF	11735	>ITK-P23L-mi KSQQKRRTSL	225	11510
>ITK-P23L-wi KSQQKRRTSF	18031	>ITK-P23L-mi KSQQKRRTSL	26	18005
>ITK-R19K-w RRTSPSNFK	257	>ITK-R19K-m KRTSPSNFK	292	35
>ITK-R19K-w RRTSPSNF	5	>ITK-R19K-m KRTSPSNF	7	2
>ITK-R19K-w RRTSPSNFKV	340	>ITK-R19K-m KRTSPSNFKV	672	332
>ITK-R19K-w RRTSPSNFKV	401	>ITK-R19K-m KRTSPSNFKV	784	383
>ITK-R19K-w RRTSPSNF	114	>ITK-R19K-m KRTSPSNF	472	358
>ITK-R19K-w RRTSPSNFK	177	>ITK-R19K-m KRTSPSNFK	813	636
>ITK-R19K-w RRTSPSNFKV	93	>ITK-R19K-m KRTSPSNFKV	645	552
>ITK-R19K-w RRTSPSNFKV	141	>ITK-R19K-m KRTSPSNFKV	564	423
>ITK-R19K-w RRTSPSNF	246	>ITK-R19K-m KRTSPSNF	877	631
>ITK-R19K-w RRTSPSNFK	401	>ITK-R19K-m KRTSPSNFK	1187	786
>ITK-R19K-w RRTSPSNFKV	432	>ITK-R19K-m KRTSPSNFKV	1586	1154
>ITK-R19K-w RRTSPSNFKV	445	>ITK-R19K-m KRTSPSNFKV	1274	829
>ITK-R19K-w RRTSPSNF	198	>ITK-R19K-m KRTSPSNF	996	798
>ITK-R19K-w RRTSPSNFK	366	>ITK-R19K-m KRTSPSNFK	1773	1407
>ITK-R19K-w RRTSPSNFKV	266	>ITK-R19K-m KRTSPSNFKV	1398	1132
>ITK-R19K-w RRTSPSNFKV	266	>ITK-R19K-m KRTSPSNFKV	191	75
>ITK-R19K-w KRRTSPSNFK	4	>ITK-R19K-m KKRTSPSNFK	4	0
>ITK-R19K-w KRRTSPSNFK'	105	>ITK-R19K-m KKRTSPSNFK'	95	10
>ITK-R19K-w KRRTSPSN	1732	>ITK-R19K-m KKRTSPSN	304	1428
>ITK-R19K-w KRRTSPSNF	2	>ITK-R19K-m KKRTSPSNF	2	0
>ITK-R19K-w KRRTSPSNFK	285	>ITK-R19K-m KKRTSPSNFK	54	231
>ITK-R19K-w KRRTSPSNFK'	68	>ITK-R19K-m KKRTSPSNFK'	15	53
>ITK-R19K-w KRRTSPSNFK	130	>ITK-R19K-m KKRTSPSNFK	8825	8695
>ITK-R19K-w KRRTSPSNF	320	>ITK-R19K-m KKRTSPSNF	305	15
>ITK-R19K-w KRRTSPSN	362	>ITK-R19K-m KKRTSPSN	11283	10921
>ITK-R19K-w KRRTSPSNF	77	>ITK-R19K-m KKRTSPSNF	2365	2288
>ITK-R19K-w KRRTSPSNFK	143	>ITK-R19K-m KKRTSPSNFK	3932	3789
>ITK-R19K-w KRRTSPSNFK'	100	>ITK-R19K-m KKRTSPSNFK'	3313	3213
>ITK-R19K-w KRRTSPSNF	81	>ITK-R19K-m KKRTSPSNF	5100	5019
>ITK-R19K-w KRRTSPSNFK	328	>ITK-R19K-m KKRTSPSNFK	9948	9620
>ITK-R19K-w QKRRTSPSNF	7	>ITK-R19K-m QKKRTSPSNF	18	11
>ITK-R19K-w QKRRTSPS	302	>ITK-R19K-m QKKRTSPS	615	313
>ITK-R19K-w QKRRTSPSNF	2	>ITK-R19K-m QKKRTSPSNF	2	0



>ITK-R19K-w QKRRTSPSNF	185	>ITK-R19K-m QKKRTSPSNF	377	192
>ITK-R19K-w QQKRRTSPSN	77	>ITK-R19K-m QQKKRTSPSN	64	13
>ITK-R19K-w QQKRRTSPSN	180	>ITK-R19K-m QQKKRTSPSN	127	53
>ITK-R19K-w QQKRRTSPSN	3	>ITK-R19K-m QQKKRTSPSN	3	0
>ITK-R19K-w KKSQQKRR	255	>ITK-R19K-m KKSQQKRR	231	24
>ITK-R19K-w IKKSQQKR	276	>ITK-R19K-m IKKSQQKK	336	60
>ITK-R19K-w LIKKSQQKR	6562	>ITK-R19K-m LIKKSQQKK	288	6274
>ITK-R19K-w LIKKSQQKR	1229	>ITK-R19K-m LIKKSQQKK	17	1212
>ITK-R19K-w LIKKSQQKR	82	>ITK-R19K-m LIKKSQQKK	2116	2034
>ITK-R19K-w LIKKSQQKRR	267	>ITK-R19K-m LIKKSQQKRR	324	57
>ITK-R19K-w QLIKKSQQKR	4997	>ITK-R19K-m QLIKKSQQKK	263	4734
>ITK-R19K-w QLIKKSQQKR	193	>ITK-R19K-m QLIKKSQQKK	3302	3109
>ITK-R19K-w QLIKKSQQKR	449	>ITK-R19K-m QLIKKSQQKK	10942	10493
>ITK-R19K-w QLIKKSQQKR	333	>ITK-R19K-m QLIKKSQQKK	297	36
>ITK-R451Q- <sup>1</sup> RGLFAAETL	157	>ITK-R451Q- <sup>1</sup> QGLFAAETL	4783	4626
>ITK-R451Q- <sup>1</sup> QRGLFAAETL	345	>ITK-R451Q- <sup>1</sup> QQGLFAAETL	16648	16303
>ITK-R451Q- <sup>1</sup> QRGLFAAETL	317	>ITK-R451Q- <sup>1</sup> QQGLFAAETL	6428	6111
>ITK-R451Q- <sup>1</sup> QRGLFAAETL	103	>ITK-R451Q- <sup>1</sup> QQGLFAAETL	3305	3202
>ITK-R451Q- <sup>1</sup> TQRGLFAA	65	>ITK-R451Q- <sup>1</sup> TQQGLFAA	18	47
>ITK-R451Q- <sup>1</sup> TQRGLFAAET	318	>ITK-R451Q- <sup>1</sup> TQQGLFAAET	71	247
>ITK-R451Q- <sup>1</sup> TQRGLFAAET	202	>ITK-R451Q- <sup>1</sup> TQQGLFAAET	395	193
>ITK-R451Q- <sup>1</sup> TQRGLFAAET	380	>ITK-R451Q- <sup>1</sup> TQQGLFAAET	1478	1098
>ITK-R451Q- <sup>1</sup> TQRGLFAAET	337	>ITK-R451Q- <sup>1</sup> TQQGLFAAET	51	286
>ITK-R451Q- <sup>1</sup> TQRGLFAA	1009	>ITK-R451Q- <sup>1</sup> TQQGLFAA	336	673
>ITK-R451Q- <sup>1</sup> RTQRGLFAA	75	>ITK-R451Q- <sup>1</sup> RTQQGLFAA	62	13
>ITK-R451Q- <sup>1</sup> RTQRGLFA	17	>ITK-R451Q- <sup>1</sup> RTQQGLFA	84	67
>ITK-R451Q- <sup>1</sup> RTQRGLFAA	38	>ITK-R451Q- <sup>1</sup> RTQQGLFAA	439	401
>ITK-R451Q- <sup>1</sup> RTQRGLFAAE	652	>ITK-R451Q- <sup>1</sup> RTQQGLFAAI	157	495
>ITK-R451Q- <sup>1</sup> LRTQRGLF	383	>ITK-R451Q- <sup>1</sup> LRTQQGLF	343	40
>ITK-R451Q- <sup>1</sup> LRTQRGLF	134	>ITK-R451Q- <sup>1</sup> LRTQQGLF	174	40
>ITK-R451Q- <sup>1</sup> LRTQRGLF	593	>ITK-R451Q- <sup>1</sup> LRTQQGLF	233	360
>ITK-R451Q- <sup>1</sup> YLRTQRGLFA	659	>ITK-R451Q- <sup>1</sup> YLRTQQGLFA	448	211
>ITK-R451Q- <sup>1</sup> YLRTQRGLFA	480	>ITK-R451Q- <sup>1</sup> YLRTQQGLFA	279	201
>ITK-R451Q- <sup>1</sup> YLRTQRGL	192	>ITK-R451Q- <sup>1</sup> YLRTQQGL	40	152
>ITK-R451Q- <sup>1</sup> YLRTQRGLFA	307	>ITK-R451Q- <sup>1</sup> YLRTQQGLFA	240	67
>ITK-R451Q- <sup>1</sup> YLRTQRGLFA	208	>ITK-R451Q- <sup>1</sup> YLRTQQGLFA	90	118
>ITK-R451Q- <sup>1</sup> YLRTQRGL	47	>ITK-R451Q- <sup>1</sup> YLRTQQGL	22	25
>ITK-R451Q- <sup>1</sup> YLRTQRGLFA	142	>ITK-R451Q- <sup>1</sup> YLRTQQGLFA	160	18
>ITK-R451Q- <sup>1</sup> YLRTQRGLFA	14	>ITK-R451Q- <sup>1</sup> YLRTQQGLFA	9	5
>ITK-R451Q- <sup>1</sup> YLRTQRGLFA	262	>ITK-R451Q- <sup>1</sup> YLRTQQGLFA	211	51
>ITK-R451Q- <sup>1</sup> YLRTQRGL	206	>ITK-R451Q- <sup>1</sup> YLRTQQGL	50	156
>ITK-R451Q- <sup>1</sup> YLRTQRGLFA	683	>ITK-R451Q- <sup>1</sup> YLRTQQGLFA	287	396
>ITK-R451Q- <sup>1</sup> YLRTQRGLFA	171	>ITK-R451Q- <sup>1</sup> YLRTQQGLFA	72	99

>ITK-R451Q-YLRTQRGL	619	>ITK-R451Q-YLRTQQGL	57	562
>ITK-R451Q-YLRTQRGLFA	241	>ITK-R451Q-YLRTQQGLFA	106	135
>ITK-R451Q-YLRTQRGL	1582	>ITK-R451Q-YLRTQQGL	167	1415
>ITK-R451Q-YLRTQRGLFA	724	>ITK-R451Q-YLRTQQGLFA	284	440
>ITK-R451Q-YLRTQRGLFA	606	>ITK-R451Q-YLRTQQGLFA	284	322
>ITK-R451Q-YLRTQRGL	4199	>ITK-R451Q-YLRTQQGL	355	3844
>ITK-R451Q-YLRTQRGL	6	>ITK-R451Q-YLRTQQGL	3	3
>ITK-R451Q-YLRTQRGLFA	21	>ITK-R451Q-YLRTQQGLFA	16	5
>ITK-R451Q-YLRTQRGLFA	10	>ITK-R451Q-YLRTQQGLFA	8	2
>ITK-R451Q-YLRTQRGLF	789	>ITK-R451Q-YLRTQQGLF	329	460
>ITK-R451Q-YLRTQRGLFA	42	>ITK-R451Q-YLRTQQGLFA	64	22
>ITK-R451Q-YLRTQRGLFA	145	>ITK-R451Q-YLRTQQGLFA	370	225
>ITK-R451Q-YLRTQRGL	134	>ITK-R451Q-YLRTQQGL	179	45
>ITK-R451Q-YLRTQRGLFA	447	>ITK-R451Q-YLRTQQGLFA	1031	584
>ITK-R451Q-YLRTQRGLF	198	>ITK-R451Q-YLRTQQGLF	214	16
>ITK-R451Q-YLRTQRGLF	117	>ITK-R451Q-YLRTQQGLF	86	31
>ITK-R451Q-YLRTQRGL	897	>ITK-R451Q-YLRTQQGL	476	421
>ITK-R451Q-YLRTQRGLF	101	>ITK-R451Q-YLRTQQGLF	140	39
>ITK-R451Q-YLRTQRGLF	157	>ITK-R451Q-YLRTQQGLF	180	23
>ITK-R451Q-DYLRTQRGL	374	>ITK-R451Q-DYLRTQQGL	120	254
>ITK-R451Q-DYLRTQRGLF	25	>ITK-R451Q-DYLRTQQGLF	40	15
>ITK-R451Q-DYLRTQRGLF	109	>ITK-R451Q-DYLRTQQGLF	150	41
>ITK-R451Q-DYLRTQRGL	651	>ITK-R451Q-DYLRTQQGL	188	463
>ITK-R451Q-DYLRTQRGLF	41	>ITK-R451Q-DYLRTQQGLF	29	12
>ITK-R451Q-SDYLRTQRGL	307	>ITK-R451Q-SDYLRTQQGL	415	108
>ITK-R451Q-SDYLRTQRGL	241	>ITK-R451Q-SDYLRTQQGL	251	10
>ITK-R451Q-SDYLRTQRGL	436	>ITK-R451Q-SDYLRTQQGL	501	65
>ITK-R451Q-LSDYLRTRQ	124	>ITK-R451Q-LSDYLRTRQ	16072	15948
>ITK-R451Q-LSDYLRTRQ	189	>ITK-R451Q-LSDYLRTRQ	16876	16687
>ITK-R451Q-LSDYLRTRQG	241	>ITK-R451Q-LSDYLRTRQC	140	101
>ITK-R451Q-CLSDYLRTQR	7051	>ITK-R451Q-CLSDYLRTQQ	253	6798
>ITK-R451Q-CLSDYLRTQR	42	>ITK-R451Q-CLSDYLRTQQ	14607	14565
>ITK-R451Q-CLSDYLRTQR	380	>ITK-R451Q-CLSDYLRTQQ	32952	32572
>ITK-R451Q-CLSDYLRTQR	415	>ITK-R451Q-CLSDYLRTQQ	25933	25518
>JAK1-A634C AFFEAASMM	288	>JAK1-A634C DFFEAASMM	4973	4685
>JAK1-A634C AFFEAASMM	41	>JAK1-A634C DFFEAASMM	272	231
>JAK1-A634C AFFEAASMM	145	>JAK1-A634C DFFEAASMM	20	125
>JAK1-A634C AFFEAASMM	35	>JAK1-A634C DFFEAASMM	14	21
>JAK1-A634C AFFEAASM	1614	>JAK1-A634C DFFEAASM	432	1182
>JAK1-A634C AFFEAASMM	34	>JAK1-A634C DFFEAASMM	491	457
>JAK1-A634C AFFEAASMM	220	>JAK1-A634C DFFEAASMM	594	374
>JAK1-A634C AFFEAASMM	270	>JAK1-A634C DFFEAASMM	174	96
>JAK1-A634C LAFFEAASMM	382	>JAK1-A634C LDFFEAASMM	17399	17017

>JAK1-A634C LAFFEAASMM	250	>JAK1-A634C LDFFEAASMM	11627	11377
>JAK1-A634C LAFFEAASMM	314	>JAK1-A634C LDFFEAASMM	14225	13911
>JAK1-A634C LAFFEAASMM	5	>JAK1-A634C LDFFEAASMM	133	128
>JAK1-A634C LAFFEAASM	161	>JAK1-A634C LDFFEAASM	4599	4438
>JAK1-A634C LAFFEAASMM	419	>JAK1-A634C LDFFEAASMM	8048	7629
>JAK1-A634C LAFFEAASM	107	>JAK1-A634C LDFFEAASM	1572	1465
>JAK1-A634C LAFFEAASMM	105	>JAK1-A634C LDFFEAASMM	1323	1218
>JAK1-A634C LAFFEAASM	9	>JAK1-A634C LDFFEAASM	10765	10756
>JAK1-A634C LAFFEAASMM	10	>JAK1-A634C LDFFEAASMM	12211	12201
>JAK1-A634C LAFFEAASM	40	>JAK1-A634C LDFFEAASM	2808	2768
>JAK1-A634C LAFFEAASM	64	>JAK1-A634C LDFFEAASM	374	310
>JAK1-A634C LAFFEAASMM	99	>JAK1-A634C LDFFEAASMM	660	561
>JAK1-A634C LAFFEAASM	396	>JAK1-A634C LDFFEAASM	5210	4814
>JAK1-A634C SLAFFEAA	126	>JAK1-A634C SLDFFEAA	149	23
>JAK1-A634C SLAFFEAASM	458	>JAK1-A634C SLDFFEAASM	554	96
>JAK1-A634C SLAFFEAASM	477	>JAK1-A634C SLDFFEAASM	648	171
>JAK1-A634C SLAFFEAA	7	>JAK1-A634C SLDFFEAA	61	54
>JAK1-A634C SLAFFEAAS	116	>JAK1-A634C SLDFFEAAS	1615	1499
>JAK1-A634C SLAFFEAASM	32	>JAK1-A634C SLDFFEAASM	103	71
>JAK1-A634C SLAFFEAASM	29	>JAK1-A634C SLDFFEAASM	369	340
>JAK1-A634C SLAFFEAA	17	>JAK1-A634C SLDFFEAA	547	530
>JAK1-A634C SLAFFEAASM	175	>JAK1-A634C SLDFFEAASM	605	430
>JAK1-A634C SLAFFEAASM	110	>JAK1-A634C SLDFFEAASM	2544	2434
>JAK1-A634C SLAFFEAA	248	>JAK1-A634C SLDFFEAA	390	142
>JAK1-A634C SLAFFEAA	32	>JAK1-A634C SLDFFEAA	15	17
>JAK1-A634C SLAFFEAASM	128	>JAK1-A634C SLDFFEAASM	52	76
>JAK1-A634C SLAFFEAASM	97	>JAK1-A634C SLDFFEAASM	41	56
>JAK1-A634C SLAFFEAA	360	>JAK1-A634C SLDFFEAA	121	239
>JAK1-A634C SLAFFEAASM	553	>JAK1-A634C SLDFFEAASM	172	381
>JAK1-A634C SLAFFEAA	79	>JAK1-A634C SLDFFEAA	64	15
>JAK1-A634C SLAFFEAASM	377	>JAK1-A634C SLDFFEAASM	269	108
>JAK1-A634C SLAFFEAASM	189	>JAK1-A634C SLDFFEAASM	141	48
>JAK1-A634C SLAFFEAASM	432	>JAK1-A634C SLDFFEAASM	613	181
>JAK1-A634C SLAFFEAA	20	>JAK1-A634C SLDFFEAA	74	54
>JAK1-A634C SLAFFEAASM	62	>JAK1-A634C SLDFFEAASM	248	186
>JAK1-A634C SLAFFEAASM	108	>JAK1-A634C SLDFFEAASM	410	302
>JAK1-A634C SLAFFEAA	335	>JAK1-A634C SLDFFEAA	7103	6768
>JAK1-A634C SLAFFEAASM	261	>JAK1-A634C SLDFFEAASM	6608	6347
>JAK1-A634C SLAFFEAASM	489	>JAK1-A634C SLDFFEAASM	3047	2558
>JAK1-A634C SLAFFEAASM	45	>JAK1-A634C SLDFFEAASM	174	129
>JAK1-A634C SLAFFEAASM	43	>JAK1-A634C SLDFFEAASM	137	94
>JAK1-A634C ISLAFEEA	401	>JAK1-A634C ISLDFFEA	865	464
>JAK1-A634C ISLAFEEA	206	>JAK1-A634C ISLDFFEA	140	66

>JAK1-A634C ISLAFFEAASN	86	>JAK1-A634C ISLDFFEAASN	60	26
>JAK1-A634C ISLAFFEA	68	>JAK1-A634C ISLDFFEA	44	24
>JAK1-A634C ISLAFFEAA	67	>JAK1-A634C ISLDFFEAA	35	32
>JAK1-A634C ISLAFFEAA	221	>JAK1-A634C ISLDFFEAA	442	221
>JAK1-A634C ISLAFFEAASN	40	>JAK1-A634C ISLDFFEAASN	74	34
>JAK1-A634C ISLAFFEAASN	7	>JAK1-A634C ISLDFFEAASN	7	0
>JAK1-A634C ISLAFFEAASN	204	>JAK1-A634C ISLDFFEAASN	462	258
>JAK1-A634C ISLAFFEAASN	93	>JAK1-A634C ISLDFFEAASN	297	204
>JAK1-A634C ISLAFFEAASN	365	>JAK1-A634C ISLDFFEAASN	394	29
>JAK1-A634C ISLAFFEAASN	18	>JAK1-A634C ISLDFFEAASN	15	3
>JAK1-A634C ISLAFFEAASN	518	>JAK1-A634C ISLDFFEAASN	316	202
>JAK1-A634C DISLAFFEA	86	>JAK1-A634C DISLDFFEA	329	243
>JAK1-A634C DISLAFFEA	486	>JAK1-A634C DISLDFFEA	1161	675
>JAK1-A634C RDISLAFF	279	>JAK1-A634C RDISLDFF	924	645
>JAK1-A634C RDISLAFF	863	>JAK1-A634C RDISLDFF	467	396
>JAK1-A634C RDISLAFFEA	230	>JAK1-A634C RDISLDFFEA	209	21
>JAK1-A634C RDISLAFFEA	372	>JAK1-A634C RDISLDFFEA	740	368
>JAK1-A634C HRDISLAF	323	>JAK1-A634C HRDISLDF	798	475
>JAK1-A634C HRDISLAF	286	>JAK1-A634C HRDISLDF	5416	5130
>JAK1-A634C HRDISLAFF	331	>JAK1-A634C HRDISLDFF	854	523
>JAK1-A634C SHRDISLAF	15	>JAK1-A634C SHRDISLDF	59	44
>JAK1-A634C SHRDISLAFF	49	>JAK1-A634C SHRDISLDFF	178	129
>JAK1-A634C PSHRDISLAFF	47	>JAK1-A634C PSHRDISLDFF	64	17
>JAK1-A634C PSHRDISLAF	165	>JAK1-A634C PSHRDISLDF	511	346
>JAK1-A634C DPSHRDISLAF	15	>JAK1-A634C DPSHRDISLDF	50	35
>JAK1-A634C DPSHRDISLAF	431	>JAK1-A634C DPSHRDISLDF	631	200
>JAK1-A634C DPSHRDISLAF	292	>JAK1-A634C DPSHRDISLDF	4837	4545
>JAK1-A634C DPSHRDISLAF	56	>JAK1-A634C DPSHRDISLDF	130	74
>JAK1-D660F DVENIMVEEF	5458	>JAK1-D660F HVENIMVEEF	264	5194
>JAK1-D660F DVENIMVEEF	5963	>JAK1-D660F HVENIMVEEF	210	5753
>JAK1-D660F DVENIMVEEF	3904	>JAK1-D660F HVENIMVEEF	319	3585
>JAK1-D660F DVENIMVEEF	2668	>JAK1-D660F HVENIMVEEF	213	2455
>JAK1-D660F DVENIMVEEF	29	>JAK1-D660F HVENIMVEEF	16	13
>JAK1-D660F DVENIMVEEF	457	>JAK1-D660F HVENIMVEEF	524	67
>JAK1-D660F DVENIMVEEF	8438	>JAK1-D660F HVENIMVEEF	374	8064
>JAK1-D660F RDVENIMVEI	4445	>JAK1-D660F RHVENIMVEI	407	4038
>JAK1-D660F RDVENIMVEI	8183	>JAK1-D660F RHVENIMVEI	109	8074
>JAK1-D660F RDVENIMVEI	391	>JAK1-D660F RHVENIMVEI	17	374
>JAK1-D660F RDVENIMVEI	27834	>JAK1-D660F RHVENIMVEI	445	27389
>JAK1-D660F RDVENIMV	125	>JAK1-D660F RHVENIMV	16988	16863
>JAK1-D660F IVYLYGVCVRI	14743	>JAK1-D660F IVYLYGVCVRI	461	14282
>JAK1-D660F VRDVENIM	3741	>JAK1-D660F VRHVENIM	445	3296
>JAK1-D660F CVRDVENI	1273	>JAK1-D660F CVRHVENI	497	776

>JAK1-D660F CVRDVENIM	320	>JAK1-D660F CVRHVENIM	174	146
>JAK1-D660F CVRDVENIM	236	>JAK1-D660F CVRHVENIM	257	21
>JAK1-D660F VCVRDVENIM	631	>JAK1-D660F VCVRHVENIM	456	175
>JAK1-D660F GVCVRDVEN	848	>JAK1-D660F GVCVRHVEN	431	417
>JAK1-D660F YGVCVRDV	1596	>JAK1-D660F YGVCVRHV	401	1195
>JAK1-D660F YGVCVRDVEI	639	>JAK1-D660F YGVCVRHVEI	471	168
>JAK1-D660F YLYGVCVRDV	23	>JAK1-D660F YLYGVCVRHV	15	8
>JAK1-D660F YLYGVCVRDV	28	>JAK1-D660F YLYGVCVRHV	20	8
>JAK1-D660F YLYGVCVRDV	9	>JAK1-D660F YLYGVCVRHV	8	1
>JAK1-D660F YLYGVCVRDV	57	>JAK1-D660F YLYGVCVRHV	42	15
>JAK1-D660F YLYGVCVRD	93	>JAK1-D660F YLYGVCVRH	255	162
>JAK1-D660F YLYGVCVRDV	2	>JAK1-D660F YLYGVCVRHV	1	1
>JAK1-D660F YLYGVCVRDV	543	>JAK1-D660F YLYGVCVRHV	180	363
>JAK1-D660F YLYGVCVRDV	6	>JAK1-D660F YLYGVCVRHV	4	2
>JAK1-D660F YLYGVCVRDV	5	>JAK1-D660F YLYGVCVRHV	4	1
>JAK1-D660F YLYGVCVRDV	5	>JAK1-D660F YLYGVCVRHV	4	1
>JAK1-D660F YLYGVCVRD	92	>JAK1-D660F YLYGVCVRH	94	2
>JAK1-D660F YLYGVCVRDV	2	>JAK1-D660F YLYGVCVRHV	1	1
>JAK1-D660F YLYGVCVRDV	605	>JAK1-D660F YLYGVCVRHV	54	551
>JAK1-D660F YLYGVCVRD	13998	>JAK1-D660F YLYGVCVRH	306	13692
>JAK1-D660F YLYGVCVRDV	1260	>JAK1-D660F YLYGVCVRHV	323	937
>JAK1-D660F VYLYGVCVRE	536	>JAK1-D660F VYLYGVCVRH	275	261
>JAK1-E966V EYLPKNKNI	290	>JAK1-E966V VYLPKNKNI	79	211
>JAK1-E966V EYLPKNKNI	49	>JAK1-E966V VYLPKNKNI	13	36
>JAK1-E966V EYLPKNKNK	6848	>JAK1-E966V VYLPKNKNK	353	6495
>JAK1-E966V EYLPKNKNK	229	>JAK1-E966V VYLPKNKNK	366	137
>JAK1-E966V KEYLPKNK	276	>JAK1-E966V KVYLPKNK	40346	40070
>JAK1-E966V KEYLPKNKNK	15	>JAK1-E966V KVYLPKNKNK	7622	7607
>JAK1-E966V KEYLPKNK	2083	>JAK1-E966V KVYLPKNK	35	2048
>JAK1-E966V KEYLPKNKNK	6146	>JAK1-E966V KVYLPKNKNK	32	6114
>JAK1-E966V KEYLPKNK	9077	>JAK1-E966V KVYLPKNK	36	9041
>JAK1-E966V KEYLPKNKNK	16544	>JAK1-E966V KVYLPKNKNK	78	16466
>JAK1-E966V KEYLPKNK	6862	>JAK1-E966V KVYLPKNK	18	6844
>JAK1-E966V KEYLPKNKNK	6169	>JAK1-E966V KVYLPKNKNK	18	6151
>JAK1-E966V KEYLPKNK	9292	>JAK1-E966V KVYLPKNK	134	9158
>JAK1-E966V KEYLPKNKNK	3248	>JAK1-E966V KVYLPKNKNK	160	3088
>JAK1-E966V KEYLPKNKNK	5682	>JAK1-E966V KVYLPKNKNK	124	5558
>JAK1-E966V KEYLPKNKNK	351	>JAK1-E966V KVYLPKNKNK	23619	23268
>JAK1-E966V KEYLPKNKNK	403	>JAK1-E966V KVYLPKNKNK	39288	38885
>JAK1-E966V KEYLPKNKNK	7	>JAK1-E966V KVYLPKNKNK	11748	11741
>JAK1-E966V KEYLPKNKNK	2091	>JAK1-E966V KVYLPKNKNK	308	1783
>JAK1-E966V MEFLPSGSLK	22296	>JAK1-E966V MEFLPSGSLK	91	22205
>JAK1-E966V MEFLPSGSLK	2172	>JAK1-E966V MEFLPSGSLK	440	1732

>JAK1-E966V MEFLPSGSLK	3917	>JAK1-E966V MEFLPSGSLK	87	3830
>JAK1-E966V MEFLPSGSLK	3906	>JAK1-E966V MEFLPSGSLK	250	3656
>JAK1-E966V MEFLPSGSLK	5491	>JAK1-E966V MEFLPSGSLK	282	5209
>JAK1-E966V MEFLPSGSLK	1093	>JAK1-E966V MEFLPSGSLK	6	1087
>JAK1-E966V LKEYLPKNK	4996	>JAK1-E966V LKVYLPKNK	381	4615
>JAK1-E966V LKEYLPKNKN	6385	>JAK1-E966V LKVYLPKNKN	487	5898
>JAK1-E966V SLKEYLPK	94	>JAK1-E966V SLKVYLPK	96	2
>JAK1-E966V SLKEYLPKNK	446	>JAK1-E966V SLKVYLPKNK	276	170
>JAK1-E966V SLKEYLPK	59	>JAK1-E966V SLKVYLPK	49	10
>JAK1-E966V SLKEYLPKNK	370	>JAK1-E966V SLKVYLPKNK	328	42
>JAK1-E966V SLKEYLPK	8	>JAK1-E966V SLKVYLPK	6	2
>JAK1-E966V SLKEYLPKNK	29	>JAK1-E966V SLKVYLPKNK	20	9
>JAK1-E966V SLKEYLPK	299	>JAK1-E966V SLKVYLPK	94	205
>JAK1-E966V GSLKEYLPK	403	>JAK1-E966V GSLKVYLPK	98	305
>JAK1-E966V GSLKEYLPKN	1302	>JAK1-E966V GSLKVYLPKN	438	864
>JAK1-E966V GSLKEYLPK	12	>JAK1-E966V GSLKVYLPK	7	5
>JAK1-E966V GSLKEYLPKN	82	>JAK1-E966V GSLKVYLPKN	40	42
>JAK1-E966V GSLKEYLPK	41	>JAK1-E966V GSLKVYLPK	18	23
>JAK1-E966V GSLKEYLPKN	355	>JAK1-E966V GSLKVYLPKN	189	166
>JAK1-E966V GSLKEYLPK	3859	>JAK1-E966V GSLKVYLPK	427	3432
>JAK1-E966V GSLKEYLPK	100	>JAK1-E966V GSLKVYLPK	118	18
>JAK1-E966V GSLKEYLPKN	90	>JAK1-E966V GSLKVYLPKN	103	13
>JAK1-E966V PSGSLKEYLPK	1039	>JAK1-E966V PSGSLKVYLPK	427	612
>JAK1-E966V LPSGSLKEYL	53	>JAK1-E966V LPSGSLKVYL	37	16
>JAK1-E966V LPSGSLKE	17407	>JAK1-E966V LPSGSLKV	482	16925
>JAK1-E966V LPSGSLKEYL	680	>JAK1-E966V LPSGSLKVYL	312	368
>JAK1-E966V LPSGSLKEY	15	>JAK1-E966V LPSGSLKVY	16	1
>JAK1-E966V LPSGSLKE	16692	>JAK1-E966V LPSGSLKV	401	16291
>JAK1-E966V LPSGSLKEY	109	>JAK1-E966V LPSGSLKVY	88	21
>JAK1-E966V LPSGSLKE	5141	>JAK1-E966V LPSGSLKV	454	4687
>JAK1-E966V LPSGSLKEYLP	421	>JAK1-E966V LPSGSLKVYLF	328	93
>JAK1-E966V LPSGSLKEY	23	>JAK1-E966V LPSGSLKVY	28	5
>JAK1-E966V LPSGSLKEY	178	>JAK1-E966V LPSGSLKVY	257	79
>JAK1-E966V FLPSGSLKEY	251	>JAK1-E966V FLPSGSLKVY	434	183
>JAK1-E966V FLPSGSLKE	17955	>JAK1-E966V FLPSGSLKV	11	17944
>JAK1-E966V FLPSGSLKEYL	20	>JAK1-E966V FLPSGSLKVYL	15	5
>JAK1-E966V FLPSGSLKE	7780	>JAK1-E966V FLPSGSLKV	9	7771
>JAK1-E966V FLPSGSLKEYL	4	>JAK1-E966V FLPSGSLKVYL	4	0
>JAK1-E966V FLPSGSLKE	6837	>JAK1-E966V FLPSGSLKV	3	6834
>JAK1-E966V FLPSGSLKEYL	14	>JAK1-E966V FLPSGSLKVYL	13	1
>JAK1-E966V FLPSGSLKE	9230	>JAK1-E966V FLPSGSLKV	9	9221
>JAK1-E966V FLPSGSLKEYL	20	>JAK1-E966V FLPSGSLKVYL	21	1
>JAK1-E966V FLPSGSLKE	6574	>JAK1-E966V FLPSGSLKV	2	6572

>JAK1-E966V FLPSGSLKEYL	3	>JAK1-E966V FLPSGSLKVYL	3	0
>JAK1-E966V FLPSGSLKE	20601	>JAK1-E966V FLPSGSLKV	6	20595
>JAK1-E966V FLPSGSLKEYL	17	>JAK1-E966V FLPSGSLKVYL	13	4
>JAK1-E966V FLPSGSLKE	8030	>JAK1-E966V FLPSGSLKV	4	8026
>JAK1-E966V FLPSGSLKEYL	8	>JAK1-E966V FLPSGSLKVYL	7	1
>JAK1-E966V FLPSGSLKE	22624	>JAK1-E966V FLPSGSLKV	4	22620
>JAK1-E966V FLPSGSLKEYL	13	>JAK1-E966V FLPSGSLKVYL	14	1
>JAK1-E966V FLPSGSLKE	1151	>JAK1-E966V FLPSGSLKV	2	1149
>JAK1-E966V FLPSGSLKEY	238	>JAK1-E966V FLPSGSLKVY	794	556
>JAK1-E966V FLPSGSLKEYL	3	>JAK1-E966V FLPSGSLKVYL	2	1
>JAK1-E966V FLPSGSLKEY	189	>JAK1-E966V FLPSGSLKVY	95	94
>JAK1-E966V FLPSGSLKEY	30	>JAK1-E966V FLPSGSLKVY	23	7
>JAK1-E966V FLPSGSLKEY	313	>JAK1-E966V FLPSGSLKVY	267	46
>JAK1-E966V FLPSGSLKEYL	47	>JAK1-E966V FLPSGSLKVYL	31	16
>JAK1-E966V EFLPSGSLKEY	433	>JAK1-E966V EFLPSGSLKVY	390	43
>JAK1-E966V EFLPSGSLKEY	138	>JAK1-E966V EFLPSGSLKVY	293	155
>JAK1-E966V EFLPSGSLKEY	352	>JAK1-E966V EFLPSGSLKVY	255	97
>JAK1-G882E GEGHFGKVEI	949	>JAK1-G882E EEGHFGKVEL	465	484
>JAK1-G882E GEGHFGKVEI	333	>JAK1-G882E EEGHFGKVEL	576	243
>JAK1-G882E GEGHFGKVEI	441	>JAK1-G882E EEGHFGKVEL	574	133
>JAK1-G882E GEGHFGKVEI	1350	>JAK1-G882E EEGHFGKVEL	451	899
>JAK1-G882E GEGHFGKV	252	>JAK1-G882E EEGHFGKV	75	177
>JAK1-G882E LGEGHFGKVE	24612	>JAK1-G882E LEEGHFGKVE	300	24312
>JAK1-G882E LGEGHFGKV	20350	>JAK1-G882E LEEGHFGKV	60	20290
>JAK1-G882E LGEGHFGKVE	15994	>JAK1-G882E LEEGHFGKVE	9	15985
>JAK1-G882E LGEGHFGKV	31157	>JAK1-G882E LEEGHFGKV	82	31075
>JAK1-G882E KRFLKRIRDLC	389	>JAK1-G882E KRFLKRIRDLE	754	365
>JAK1-G882E KRFLKRIRDLC	383	>JAK1-G882E KRFLKRIRDLE	403	20
>JAK1-G882E DLGEGHFGK\	477	>JAK1-G882E DLEEGHFGK\	1235	758
>JAK1-G882E DLGEGHFGK\	23	>JAK1-G882E DLEEGHFGK\	167	144
>JAK1-G882E DLGEGHFGK\	378	>JAK1-G882E DLEEGHFGK\	1129	751
>JAK1-G882E DLGEGHFGK\	50	>JAK1-G882E DLEEGHFGK\	497	447
>JAK1-G882E DLGEGHFGK\	75	>JAK1-G882E DLEEGHFGK\	1123	1048
>JAK1-G882E DLGEGHFGK\	9	>JAK1-G882E DLEEGHFGK\	18	9
>JAK1-G882E DLGEGHFGK	355	>JAK1-G882E DLEEGHFGK	297	58
>JAK1-G882E DLGEGHFGK	660	>JAK1-G882E DLEEGHFGK	437	223
>JAK1-G882E DLGEGHFGK\	84	>JAK1-G882E DLEEGHFGK\	268	184
>JAK1-G882E RDLGEGHFGI	1056	>JAK1-G882E RDLEEGHFGK	446	610
>JAK1-G882E RDLGEGHFGI	94	>JAK1-G882E RDLEEGHFGK	51	43
>JAK1-G882E RIRDLGEG	251	>JAK1-G882E RIRDLEEG	1401	1150
>JAK1-G882E RIRDLGEGHF	69	>JAK1-G882E RIRDLEEGHF	111	42
>JAK1-G882E RIRDLGEGHF	56	>JAK1-G882E RIRDLEEGHF	120	64
>JAK1-G882E RIRDLGEGHF	66	>JAK1-G882E RIRDLEEGHF	133	67

>JAK1-G882E RIRDLGEGHF	267	>JAK1-G882E RIRDLEEGHF	363	96
>JAK1-G882E KRIRDLGEGH	151	>JAK1-G882E KRIRDLEEGH	102	49
>JAK1-G882E KRIRDLGEGH	339	>JAK1-G882E KRIRDLEEGH	552	213
>JAK1-G882E KRIRDLGEGH	177	>JAK1-G882E KRIRDLEEGH	208	31
>JAK1-G882E KRIRDLGE	165	>JAK1-G882E KRIRDL EE	87	78
>JAK1-G882E KRIRDLGEGH	290	>JAK1-G882E KRIRDLEEGH	438	148
>JAK1-G882E KRIRDLGEGH	323	>JAK1-G882E KRIRDLEEGH	685	362
>JAK1-G882E FLKRIRDLGEC	1455	>JAK1-G882E FLKRIRDLEEG	439	1016
>JAK1-H647Y HKHIVYLYGV	2039	>JAK1-H647Y YKHIVYLYGV	182	1857
>JAK1-H647Y HKHIVYLYGV	1768	>JAK1-H647Y YKHIVYLYGV	44	1724
>JAK1-H647Y HKHIVYLY	276	>JAK1-H647Y YKHIVYLY	34	242
>JAK1-H647Y HKHIVYLY	370	>JAK1-H647Y YKHIVYLY	155	215
>JAK1-H647Y HKHIVYLY	31	>JAK1-H647Y YKHIVYLY	10	21
>JAK1-H647Y HKHIVYLYGV	626	>JAK1-H647Y YKHIVYLYGV	124	502
>JAK1-H647Y SHKHIVYL	13068	>JAK1-H647Y SYKHIVYL	205	12863
>JAK1-H647Y SHKHIVYLYG\	3167	>JAK1-H647Y SYKHIVYLYG\	422	2745
>JAK1-H647Y SHKHIVYL	13607	>JAK1-H647Y SYKHIVYL	336	13271
>JAK1-H647Y SHKHIVYLY	12781	>JAK1-H647Y SYKHIVYLY	268	12513
>JAK1-H647Y SHKHIVYL	11835	>JAK1-H647Y SYKHIVYL	9	11826
>JAK1-H647Y SHKHIVYLY	49	>JAK1-H647Y SYKHIVYLY	11	38
>JAK1-H647Y SHKHIVYL	7028	>JAK1-H647Y SYKHIVYL	61	6967
>JAK1-H647Y SHKHIVYLY	10679	>JAK1-H647Y SYKHIVYLY	254	10425
>JAK1-H647Y SHKHIVYLYG	8098	>JAK1-H647Y SYKHIVYLYG	100	7998
>JAK1-H647Y SHKHIVYLYG\	11025	>JAK1-H647Y SYKHIVYLYG\	250	10775
>JAK1-H647Y SHKHIVYLY	49	>JAK1-H647Y SYKHIVYLY	17	32
>JAK1-H647Y SHKHIVYLY	13621	>JAK1-H647Y SYKHIVYLY	439	13182
>JAK1-H647Y SHKHIVYLY	43	>JAK1-H647Y SYKHIVYLY	10	33
>JAK1-H647Y SHKHIVYLY	292	>JAK1-H647Y SYKHIVYLY	4086	3794
>JAK1-H647Y SHKHIVYLY	367	>JAK1-H647Y SYKHIVYLY	48	319
>JAK1-H647Y SHKHIVYL	2906	>JAK1-H647Y SYKHIVYL	294	2612
>JAK1-H647Y SHKHIVYLYG\	2071	>JAK1-H647Y SYKHIVYLYG\	179	1892
>JAK1-H647Y EAASMMRQ\	5321	>JAK1-H647Y EAASMMRQ\	99	5222
>JAK1-H647Y EAASMMRQ\	5649	>JAK1-H647Y EAASMMRQ\	58	5591
>JAK1-H647Y EAASMMRQ\	3020	>JAK1-H647Y EAASMMRQ\	32	2988
>JAK1-H647Y EAASMMRQ\	21891	>JAK1-H647Y EAASMMRQ\	463	21428
>JAK1-H647Y EAASMMRQ\	722	>JAK1-H647Y EAASMMRQ\	91	631
>JAK1-H647Y EAASMMRQ\	15320	>JAK1-H647Y EAASMMRQ\	184	15136
>JAK1-H647Y EAASMMRQ\	1774	>JAK1-H647Y EAASMMRQ\	49	1725
>JAK1-H647Y EAASMMRQ\	29832	>JAK1-H647Y EAASMMRQ\	265	29567
>JAK1-H647Y VSHKHIVYL	138	>JAK1-H647Y VSYKHIVYL	13	125
>JAK1-H647Y VSHKHIVYLY	408	>JAK1-H647Y VSYKHIVYLY	202	206
>JAK1-H647Y VSHKHIVYL	1690	>JAK1-H647Y VSYKHIVYL	273	1417
>JAK1-H647Y VSHKHIVYL	3260	>JAK1-H647Y VSYKHIVYL	306	2954



>JAK1-H647YVSHKHIVYL	1426	>JAK1-H647YVSYKHIVYL	164	1262
>JAK1-H647YVSHKHIVY	1917	>JAK1-H647YVSYKHIVY	180	1737
>JAK1-H647YVSHKHIVYLY	1514	>JAK1-H647YVSYKHIVYLY	249	1265
>JAK1-H647YVSHKHIVY	2811	>JAK1-H647YVSYKHIVY	367	2444
>JAK1-H647YVSHKHIVYLY	1064	>JAK1-H647YVSYKHIVYLY	176	888
>JAK1-H647YVSHKHIVY	436	>JAK1-H647YVSYKHIVY	278	158
>JAK1-H647YVSHKHIVYLY	335	>JAK1-H647YVSYKHIVYLY	201	134
>JAK1-H647YVSHKHIVY	1223	>JAK1-H647YVSYKHIVY	243	980
>JAK1-H647YVSHKHIVYLY	175	>JAK1-H647YVSYKHIVYLY	48	127
>JAK1-H647YVSHKHIVYL	305	>JAK1-H647YVSYKHIVYL	3184	2879
>JAK1-H647YVSHKHIVY	279	>JAK1-H647YVSYKHIVY	169	110
>JAK1-H647YVSHKHIVYLY	24	>JAK1-H647YVSYKHIVYLY	14	10
>JAK1-H647YVSHKHIVYLY	2700	>JAK1-H647YVSYKHIVYLY	493	2207
>JAK1-H647YVSHKHIVYLY	1430	>JAK1-H647YVSYKHIVYLY	219	1211
>JAK1-H647YVSHKHIVYLY	116	>JAK1-H647YVSYKHIVYLY	82	34
>JAK1-H647YVSHKHIVY	123	>JAK1-H647YVSYKHIVY	72	51
>JAK1-H647YVSHKHIVYLY	371	>JAK1-H647YVSYKHIVYLY	169	202
>JAK1-H647YVSHKHIVY	76	>JAK1-H647YVSYKHIVY	22	54
>JAK1-H647YVSHKHIVYL	308	>JAK1-H647YVSYKHIVYL	66	242
>JAK1-H647YVSHKHIVYLY	175	>JAK1-H647YVSYKHIVYLY	43	132
>JAK1-H647YVSHKHIVY	8	>JAK1-H647YVSYKHIVY	4	4
>JAK1-H647YVSHKHIVYL	67	>JAK1-H647YVSYKHIVYL	21	46
>JAK1-H647YVSHKHIVYLY	11	>JAK1-H647YVSYKHIVYLY	5	6
>JAK1-H647YVSHKHIVYLY	847	>JAK1-H647YVSYKHIVYLY	265	582
>JAK1-H647YVSHKHIVY	2792	>JAK1-H647YVSYKHIVY	173	2619
>JAK1-H647YVSHKHIVYLY	513	>JAK1-H647YVSYKHIVYLY	47	466
>JAK1-H647YVSHKHIVYL	163	>JAK1-H647YVSYKHIVYL	71	92
>JAK1-H647YVSHKHIVY	238	>JAK1-H647YVSYKHIVY	347	109
>JAK1-H647YVSHKHIVYLY	459	>JAK1-H647YVSYKHIVYLY	167	292
>JAK1-H647YVSHKHIVYL	1462	>JAK1-H647YVSYKHIVYL	256	1206
>JAK1-H647YQVSHKHIVYL	729	>JAK1-H647YQVSYKHIVYL	274	455
>JAK1-H647YQVSHKHIV	461	>JAK1-H647YQVSYKHIV	767	306
>JAK1-H647YQVSHKHIVYL	412	>JAK1-H647YQVSYKHIVYL	304	108
>JAK1-H647YQVSHKHIVY	714	>JAK1-H647YQVSYKHIVY	329	385
>JAK1-H647YQVSHKHIVYL	536	>JAK1-H647YQVSYKHIVYL	297	239
>JAK1-H647YQVSHKHIVY	90	>JAK1-H647YQVSYKHIVY	64	26
>JAK1-H647YQVSHKHIVYL	13	>JAK1-H647YQVSYKHIVYL	11	2
>JAK1-H647YQVSHKHIVY	548	>JAK1-H647YQVSYKHIVY	377	171
>JAK1-H647YQVSHKHIVYL	75	>JAK1-H647YQVSYKHIVYL	57	18
>JAK1-H647YQVSHKHIVYL	490	>JAK1-H647YQVSYKHIVYL	176	314
>JAK1-H647YQVSHKHIV	84	>JAK1-H647YQVSYKHIV	55	29
>JAK1-H647YQVSHKHIVYL	1148	>JAK1-H647YQVSYKHIVYL	493	655
>JAK1-H647YQVSHKHIVY	193	>JAK1-H647YQVSYKHIVY	338	145

>JAK1-H647Y QVSHKHIVYL	17	>JAK1-H647Y QVSYKHIVYL	21	4
>JAK1-H647Y QVSHKHIVY	266	>JAK1-H647Y QVSYKHIVY	264	2
>JAK1-H647Y QVSHKHIVY	339	>JAK1-H647Y QVSYKHIVY	381	42
>JAK1-H647Y QVSHKHIVYL	1973	>JAK1-H647Y QVSYKHIVYL	384	1589
>JAK1-H647Y QVSHKHIVYL	457	>JAK1-H647Y QVSYKHIVYL	294	163
>JAK1-H647Y QVSHKHIVYL	172	>JAK1-H647Y QVSYKHIVYL	182	10
>JAK1-H647Y RQVSHKHIVY	570	>JAK1-H647Y RQVSYKHIVY	234	336
>JAK1-H647Y RQVSHKHIVY	212	>JAK1-H647Y RQVSYKHIVY	108	104
>JAK1-H647Y RQVSHKHIV	246	>JAK1-H647Y RQVSYKHIV	423	177
>JAK1-H647Y RQVSHKHIVY	315	>JAK1-H647Y RQVSYKHIVY	428	113
>JAK1-H647Y RQVSHKHI	189	>JAK1-H647Y RQVSYKHI	73	116
>JAK1-H647Y RQVSHKHIV	51	>JAK1-H647Y RQVSYKHIV	25	26
>JAK1-H647Y RQVSHKHIVY	17	>JAK1-H647Y RQVSYKHIVY	11	6
>JAK1-H647Y RQVSHKHIV	1108	>JAK1-H647Y RQVSYKHIV	384	724
>JAK1-H647Y RQVSHKHIVY	382	>JAK1-H647Y RQVSYKHIVY	204	178
>JAK1-H647Y RQVSHKHIVY	232	>JAK1-H647Y RQVSYKHIVY	78	154
>JAK1-H647Y RQVSHKHIVY	413	>JAK1-H647Y RQVSYKHIVY	321	92
>JAK1-H647Y RQVSHKHI	346	>JAK1-H647Y RQVSYKHI	486	140
>JAK1-H647Y RQVSHKHIVY	46	>JAK1-H647Y RQVSYKHIVY	47	1
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>JAK1-H647Y RQVSHKHI	21	>JAK1-H647Y RQVSYKHI	16	5
>JAK1-H647Y RQVSHKHIV	42	>JAK1-H647Y RQVSYKHIV	30	12
>JAK1-H647Y RQVSHKHIVY	4	>JAK1-H647Y RQVSYKHIVY	4	0
>JAK1-H647Y RQVSHKHIVY	13	>JAK1-H647Y RQVSYKHIVY	11	2
>JAK1-H647Y RQVSHKHI	921	>JAK1-H647Y RQVSYKHI	446	475
>JAK1-H647Y RQVSHKHIVY	299	>JAK1-H647Y RQVSYKHIVY	151	148
>JAK1-H647Y RQVSHKHIVY	374	>JAK1-H647Y RQVSYKHIVY	231	143
>JAK1-H647Y RQVSHKHIV	470	>JAK1-H647Y RQVSYKHIV	186	284
>JAK1-H647Y RQVSHKHIVY	279	>JAK1-H647Y RQVSYKHIVY	161	118
>JAK1-H647Y RQVSHKHIVY	172	>JAK1-H647Y RQVSYKHIVY	182	10
>JAK1-H647Y RQVSHKHIVY	87	>JAK1-H647Y RQVSYKHIVY	79	8
>JAK1-H647Y RQVSHKHIVY	327	>JAK1-H647Y RQVSYKHIVY	228	99
>JAK1-H647Y RQVSHKHIVY	75	>JAK1-H647Y RQVSYKHIVY	67	8
>JAK1-H647Y MRQVSHKHI	150	>JAK1-H647Y MRQVSYKHI	116	34
>JAK1-H647Y MRQVSHKHI'	508	>JAK1-H647Y MRQVSYKHIV	355	153
>JAK1-H647Y MRQVSHKHI'	34	>JAK1-H647Y MRQVSYKHIV	28	6
>JAK1-H647Y MRQVSHKH	562	>JAK1-H647Y MRQVSYKH	391	171
>JAK1-H647Y MRQVSHKHI	619	>JAK1-H647Y MRQVSYKHI	310	309
>JAK1-H647Y MRQVSHKHI'	594	>JAK1-H647Y MRQVSYKHIV	418	176
>JAK1-H647Y MRQVSHKHI'	212	>JAK1-H647Y MRQVSYKHIV	204	8
>JAK1-H647Y MRQVSHKHI	847	>JAK1-H647Y MRQVSYKHI	437	410
>JAK1-H647Y MRQVSHKHI'	311	>JAK1-H647Y MRQVSYKHIV	147	164
>JAK1-H647Y MMRQVSHKI	530	>JAK1-H647Y MMRQVSYKH	241	289

>JAK1-H647Y MMRQVSHKI	58	>JAK1-H647Y MMRQVSYKI	39	19
>JAK1-H647Y MMRQVSHKI	393	>JAK1-H647Y MMRQVSYKI	260	133
>JAK1-H647Y MMRQVSHKI	8	>JAK1-H647Y MMRQVSYKI	10	2
>JAK1-H647Y MMRQVSHKI	579	>JAK1-H647Y MMRQVSYKI	436	143
>JAK1-H647Y MMRQVSHKI	61	>JAK1-H647Y MMRQVSYKI	59	2
>JAK1-H647Y MMRQVSHKI	6	>JAK1-H647Y MMRQVSYKI	4	2
>JAK1-H647Y MMRQVSHKI	29	>JAK1-H647Y MMRQVSYKI	20	9
>JAK1-H647Y MMRQVSHKI	35	>JAK1-H647Y MMRQVSYKI	26	9
>JAK1-H647Y MMRQVSHKI	142	>JAK1-H647Y MMRQVSYKI	79	63
>JAK1-H647Y MMRQVSHKI	56	>JAK1-H647Y MMRQVSYKI	82	26
>JAK1-H647Y MMRQVSHKI	2	>JAK1-H647Y MMRQVSYKI	2	0
>JAK1-H647Y MMRQVSHK	37	>JAK1-H647Y MMRQVSYK	30	7
>JAK1-H647Y MMRQVSHKI	479	>JAK1-H647Y MMRQVSYKI	586	107
>JAK1-H647Y MMRQVSHK	547	>JAK1-H647Y MMRQVSYK	61	486
>JAK1-H647Y MMRQVSHK	5	>JAK1-H647Y MMRQVSYK	4	1
>JAK1-H647Y MMRQVSHKI	19	>JAK1-H647Y MMRQVSYKI	23	4
>JAK1-H647Y MMRQVSHKI	87	>JAK1-H647Y MMRQVSYKI	99	12
>JAK1-H647Y MMRQVSHK	62	>JAK1-H647Y MMRQVSYK	26	36
>JAK1-H647Y MMRQVSHK	328	>JAK1-H647Y MMRQVSYK	156	172
>JAK1-H647Y MMRQVSHK	226	>JAK1-H647Y MMRQVSYK	68	158
>JAK1-H647Y MMRQVSHKI	69	>JAK1-H647Y MMRQVSYKI	84	15
>JAK1-H647Y MMRQVSHKI	180	>JAK1-H647Y MMRQVSYKI	217	37
>JAK1-H647Y MMRQVSHK	297	>JAK1-H647Y MMRQVSYK	294	3
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>JAK1-H647Y MMRQVSHKI	166	>JAK1-H647Y MMRQVSYKI	129	37
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>JAK1-H647Y SMMRQVSHI	729	>JAK1-H647Y SMMRQVSYK	206	523
>JAK1-H647Y SMMRQVSHI	343	>JAK1-H647Y SMMRQVSYK	184	159
>JAK1-H647Y SMMRQVSHI	460	>JAK1-H647Y SMMRQVSYK	199	261
>JAK1-H647Y SMMRQVSHI	193	>JAK1-H647Y SMMRQVSYK	93	100
>JAK1-H647Y SMMRQVSHI	28	>JAK1-H647Y SMMRQVSYK	14	14
>JAK1-H647Y SMMRQVSHI	601	>JAK1-H647Y SMMRQVSYK	317	284
>JAK1-H647Y SMMRQVSHI	3158	>JAK1-H647Y SMMRQVSYK	396	2762
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>JAK1-H647Y SMMRQVSHI	42	>JAK1-H647Y SMMRQVSYK	22	20
>JAK1-H647Y SMMRQVSHI	74	>JAK1-H647Y SMMRQVSYK	45	29
>JAK1-H647Y SMMRQVSHI	403	>JAK1-H647Y SMMRQVSYK	205	198
>JAK1-H647Y SMMRQVSHI	38	>JAK1-H647Y SMMRQVSYK	33	5
>JAK1-H647Y SMMRQVSH	474	>JAK1-H647Y SMMRQVSY	123	351
>JAK1-H647Y SMMRQVSHI	32	>JAK1-H647Y SMMRQVSYK	26	6
>JAK1-H647Y SMMRQVSH	1006	>JAK1-H647Y SMMRQVSY	70	936
>JAK1-H647Y SMMRQVSHI	10	>JAK1-H647Y SMMRQVSYK	5	5
>JAK1-H647Y SMMRQVSH	13808	>JAK1-H647Y SMMRQVSY	381	13427

>JAK1-H647Y SMMRQVSH	10107	>JAK1-H647Y SMMRQVSY	59	10048
>JAK1-H647Y SMMRQVSHI	33	>JAK1-H647Y SMMRQVSYk	19	14
>JAK1-H647Y SMMRQVSH	7185	>JAK1-H647Y SMMRQVSY	42	7143
>JAK1-H647Y SMMRQVSHI	86	>JAK1-H647Y SMMRQVSYk	31	55
>JAK1-H647Y SMMRQVSH	2050	>JAK1-H647Y SMMRQVSY	188	1862
>JAK1-H647Y SMMRQVSHI	606	>JAK1-H647Y SMMRQVSYk	139	467
>JAK1-H647Y SMMRQVSH	16453	>JAK1-H647Y SMMRQVSY	79	16374
>JAK1-H647Y SMMRQVSHI	119	>JAK1-H647Y SMMRQVSYk	144	25
>JAK1-H647Y SMMRQVSH	414	>JAK1-H647Y SMMRQVSY	40	374
>JAK1-H647Y SMMRQVSHI	252	>JAK1-H647Y SMMRQVSYk	377	125
>JAK1-H647Y SMMRQVSH	2553	>JAK1-H647Y SMMRQVSY	53	2500
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>JAK1-H647Y SMMRQVSHI	338	>JAK1-H647Y SMMRQVSYk	352	14
>JAK1-H647Y SMMRQVSHI	58	>JAK1-H647Y SMMRQVSYk	47	11
>JAK1-H647Y SMMRQVSHI	476	>JAK1-H647Y SMMRQVSYk	414	62
>JAK1-H647Y ASMMRQVSI	2324	>JAK1-H647Y ASMMRQVSI	452	1872
>JAK1-H647Y ASMMRQVSI	15	>JAK1-H647Y ASMMRQVSI	9	6
>JAK1-H647Y ASMMRQVSI	628	>JAK1-H647Y ASMMRQVSI	54	574
>JAK1-H647Y ASMMRQVSI	8	>JAK1-H647Y ASMMRQVSI	5	3
>JAK1-H647Y ASMMRQVSI	419	>JAK1-H647Y ASMMRQVSI	272	147
>JAK1-H647Y ASMMRQVSI	14	>JAK1-H647Y ASMMRQVSI	10	4
>JAK1-H647Y ASMMRQVSI	11584	>JAK1-H647Y ASMMRQVSI	68	11516
>JAK1-H647Y ASMMRQVSI	243	>JAK1-H647Y ASMMRQVSI	50	193
>JAK1-H647Y ASMMRQVSI	2509	>JAK1-H647Y ASMMRQVSI	198	2311
>JAK1-H647Y ASMMRQVSI	333	>JAK1-H647Y ASMMRQVSI	34	299
>JAK1-H647Y ASMMRQVSI	3946	>JAK1-H647Y ASMMRQVSI	80	3866
>JAK1-H647Y ASMMRQVSI	827	>JAK1-H647Y ASMMRQVSI	18	809
>JAK1-H647Y ASMMRQVSI	750	>JAK1-H647Y ASMMRQVSI	4	746
>JAK1-H647Y ASMMRQVSI	4747	>JAK1-H647Y ASMMRQVSI	291	4456
>JAK1-H647Y ASMMRQVSI	384	>JAK1-H647Y ASMMRQVSI	389	5
>JAK1-H647Y ASMMRQVSI	75	>JAK1-H647Y ASMMRQVSI	71	4
>JAK1-H647Y ASMMRQVSI	334	>JAK1-H647Y ASMMRQVSI	368	34
>JAK1-H647Y AASMMRQV:	662	>JAK1-H647Y AASMMRQV:	277	385
>JAK1-H647Y AASMMRQV:	8978	>JAK1-H647Y AASMMRQV:	179	8799
>JAK1-H647Y AASMMRQV:	62	>JAK1-H647Y AASMMRQV:	18	44
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>JAK1-H647Y AASMMRQV:	23024	>JAK1-H647Y AASMMRQV:	164	22860
>JAK1-H647Y AASMMRQV:	1124	>JAK1-H647Y AASMMRQV:	379	745
>JAK1-H647Y AASMMRQV:	590	>JAK1-H647Y AASMMRQV:	180	410
>JAK1-H647Y AASMMRQV:	9052	>JAK1-H647Y AASMMRQV:	183	8869
>JAK1-H647Y AASMMRQV:	3884	>JAK1-H647Y AASMMRQV:	101	3783
>JAK1-H647Y AASMMRQV:	8328	>JAK1-H647Y AASMMRQV:	33	8295
>JAK1-H647Y AASMMRQV:	13801	>JAK1-H647Y AASMMRQV:	103	13698

>JAK1-H647Y AASMMRQV:	29208	>JAK1-H647Y AASMMRQV:	301	28907
>JAK1-K204N KKMQLPEL	35	>JAK1-K204N MKMQLPEL	25	10
>JAK1-K204N KKMQLPELP	196	>JAK1-K204N MKMQLPELP	143	53
>JAK1-K204N KKMQLPEL	1076	>JAK1-K204N MKMQLPEL	68	1008
>JAK1-K204N KKMQLPEL	314	>JAK1-K204N MKMQLPEL	6056	5742
>JAK1-K204N MKKMQLPEL	22466	>JAK1-K204N MMKMQLPE	56	22410
>JAK1-K204N MKKMQLPEL	14519	>JAK1-K204N MMKMQLPE	22	14497
>JAK1-K204N MKKMQLPEL	10029	>JAK1-K204N MMKMQLPE	8	10021
>JAK1-K204N MKKMQLPEL	9701	>JAK1-K204N MMKMQLPE	121	9580
>JAK1-K204N MKKMQLPEL	21693	>JAK1-K204N MMKMQLPE	49	21644
>JAK1-K204N MKKMQLPEL	23308	>JAK1-K204N MMKMQLPE	149	23159
>JAK1-K204N MKKMQLPEL	22608	>JAK1-K204N MMKMQLPE	307	22301
>JAK1-K204N MKKMQLPEL	13813	>JAK1-K204N MMKMQLPE	4	13809
>JAK1-K204N MKKMQLPEL	17028	>JAK1-K204N MMKMQLPE	61	16967
>JAK1-K204N MKKMQLPEL	8761	>JAK1-K204N MMKMQLPE	35	8726
>JAK1-K204N MKKMQLPEL	1472	>JAK1-K204N MMKMQLPE	41	1431
>JAK1-K204N MKKMQLPEL	33	>JAK1-K204N MMKMQLPE	5	28
>JAK1-K204N MKKMQLPEL	8071	>JAK1-K204N MMKMQLPE	44	8027
>JAK1-K204N MKKMQLPEL	509	>JAK1-K204N MMKMQLPE	30	479
>JAK1-K204N MKKMQLPEL	16991	>JAK1-K204N MMKMQLPE	194	16797
>JAK1-K204N MKKMQLPEL	34	>JAK1-K204N MMKMQLPE	67	33
>JAK1-K204N MKKMQLPEL	278	>JAK1-K204N MMKMQLPE	544	266
>JAK1-K204N VLAISHYAMN	7285	>JAK1-K204N VLAISHYAMN	116	7169
>JAK1-K204N VLAISHYAMN	12911	>JAK1-K204N VLAISHYAMN	410	12501
>JAK1-K204N VLAISHYAMN	5163	>JAK1-K204N VLAISHYAMN	83	5080
>JAK1-K204N VLAISHYAMN	13066	>JAK1-K204N VLAISHYAMN	442	12624
>JAK1-K204N VLAISHYAMN	2268	>JAK1-K204N VLAISHYAMN	40	2228
>JAK1-K204N VLAISHYAMN	46	>JAK1-K204N VLAISHYAMN	13746	13700
>JAK1-K204N VLAISHYAMN	36	>JAK1-K204N VLAISHYAMN	19521	19485
>JAK1-K204N VLAISHYAMN	188	>JAK1-K204N VLAISHYAMN	24055	23867
>JAK1-K204N VLAISHYAMN	6232	>JAK1-K204N VLAISHYAMN	383	5849
>JAK1-K204N MMKKMQLP	286	>JAK1-K204N MMMKMQLI	9	277
>JAK1-K204N MMKKMQLP	7773	>JAK1-K204N MMMKMQLI	321	7452
>JAK1-K204N MMKKMQLP	240	>JAK1-K204N MMMKMQLI	23	217
>JAK1-K204N MMKKMQLP	6390	>JAK1-K204N MMMKMQLI	269	6121
>JAK1-K204N MMKKMQLP	92	>JAK1-K204N MMMKMQLI	21	71
>JAK1-K204N MMKKMQLP	1036	>JAK1-K204N MMMKMQLI	48	988
>JAK1-K204N MMKKMQLP	172	>JAK1-K204N MMMKMQLI	6	166
>JAK1-K204N MMKKMQLP	319	>JAK1-K204N MMMKMQLI	8	311
>JAK1-K204N MMKKMQLP	460	>JAK1-K204N MMMKMQLI	14	446
>JAK1-K204N MMKKMQLP	2455	>JAK1-K204N MMMKMQLI	4	2451
>JAK1-K204N MMKKMQLP	6	>JAK1-K204N MMMKMQLI	3	3
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>JAK1-K204N MMKKMQLP	7483	>JAK1-K204N MMMMKMQLI	401	7082
>JAK1-K204N MMKKMQLP	6646	>JAK1-K204N MMMMKMQLI	334	6312
>JAK1-K204N MMKKMQLP	173	>JAK1-K204N MMMMKMQLI	155	18
>JAK1-K204N MMKKMQLP	84	>JAK1-K204N MMMMKMQLI	35	49
>JAK1-K204N MMKKMQLP	10908	>JAK1-K204N MMMMKMQLI	151	10757
>JAK1-K204N MMKKMQLP	968	>JAK1-K204N MMMMKMQLI	203	765
>JAK1-K204N AMMKKMQL	146	>JAK1-K204N AMMMKMQ	78	68
>JAK1-K204N AMMKKMQL	44	>JAK1-K204N AMMMKMQ	35	9
>JAK1-K204N AMMKKMQL	12	>JAK1-K204N AMMMKMQ	11	1
>JAK1-K204N AMMKKMQL	13	>JAK1-K204N AMMMKMQ	13	0
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>JAK1-K204N AMMKKMQL	18	>JAK1-K204N AMMMKMQ	13	5
>JAK1-K204N AMMKKMQL	9	>JAK1-K204N AMMMKMQ	7	2
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>JAK1-K204N AMMKKMQL	19	>JAK1-K204N AMMMKMQ	20	1
>JAK1-K204N AMMKKMQL	17	>JAK1-K204N AMMMKMQ	14	3
>JAK1-K204N AMMKKMQL	9	>JAK1-K204N AMMMKMQ	7	2
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>JAK1-K204N AMMKKMQL	64	>JAK1-K204N AMMMKMQ	64	0
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>JAK1-K204N AMMKKMQL	38	>JAK1-K204N AMMMKMQ	29	9
>JAK1-K204N AMMKKMQL	23	>JAK1-K204N AMMMKMQ	20	3
>JAK1-K204N AMMKKMQL	5	>JAK1-K204N AMMMKMQ	4	1
>JAK1-K204N AMMKKMQL	5	>JAK1-K204N AMMMKMQ	4	1
>JAK1-K204N AMMKKMQL	718	>JAK1-K204N AMMMKMQ	494	224
>JAK1-K204N AMMKKMQL	54	>JAK1-K204N AMMMKMQ	63	9
>JAK1-K204N AMMKKMQL	182	>JAK1-K204N AMMMKMQ	131	51
>JAK1-K204N AMMKKMQL	749	>JAK1-K204N AMMMKMQ	497	252
>JAK1-K204N AMMKKMQL	474	>JAK1-K204N AMMMKMQ	361	113
>JAK1-K204N AMMKKMQL	150	>JAK1-K204N AMMMKMQ	139	11
>JAK1-K204N AMMKKMQL	106	>JAK1-K204N AMMMKMQ	98	8
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>JAK1-K204N YAMMKKMQ	2618	>JAK1-K204N YAMMMKMK	229	2389
>JAK1-K204N YAMMKKMQ	309	>JAK1-K204N YAMMMKMK	448	139
>JAK1-K204N YAMMKKMQ	348	>JAK1-K204N YAMMMKMK	109	239
>JAK1-K204N YAMMKKMQ	13	>JAK1-K204N YAMMMKMK	50	37
>JAK1-K204N YAMMKKMQ	30	>JAK1-K204N YAMMMKMK	37	7
>JAK1-K204N YAMMKKMQ	1610	>JAK1-K204N YAMMMKMK	391	1219
>JAK1-K204N YAMMKKMQ	1274	>JAK1-K204N YAMMMKMK	303	971
>JAK1-K204N HYAMMKKM	380	>JAK1-K204N HYAMMMKN	226	154
>JAK1-K204N HYAMMKKM	67	>JAK1-K204N HYAMMMKN	19	48
>JAK1-K204N HYAMMKKM	413	>JAK1-K204N HYAMMMKN	77	336

>JAK1-K204N HYAMMMKKM	22	>JAK1-K204N HYAMMMKN	14	8
>JAK1-K204N HYAMMMKKM	2189	>JAK1-K204N HYAMMMKN	468	1721
>JAK1-K204N SHYAMMKKN	514	>JAK1-K204N SHYAMMMK	134	380
>JAK1-K204N SHYAMMKKN	180	>JAK1-K204N SHYAMMMK	118	62
>JAK1-K204N SHYAMMKKN	983	>JAK1-K204N SHYAMMMK	264	719
>JAK1-K204N SHYAMMKK	380	>JAK1-K204N SHYAMMMK	136	244
>JAK1-K204N SHYAMMKKN	755	>JAK1-K204N SHYAMMMK	325	430
>JAK1-K204N SHYAMMKKN	488	>JAK1-K204N SHYAMMMK	375	113
>JAK1-K204N SHYAMMKKN	150	>JAK1-K204N SHYAMMMK	144	6
>JAK1-K204N SHYAMMKKN	1632	>JAK1-K204N SHYAMMMK	208	1424
>JAK1-K204N SHYAMMKKN	92	>JAK1-K204N SHYAMMMK	34	58
>JAK1-K204N ISHYAMMK	90	>JAK1-K204N ISHYAMMM	19202	19112
>JAK1-K204N ISHYAMMK	69	>JAK1-K204N ISHYAMMM	65	4
>JAK1-K204N ISHYAMMK	20	>JAK1-K204N ISHYAMMM	18394	18374
>JAK1-K204N ISHYAMMK	17	>JAK1-K204N ISHYAMMM	13	4
>JAK1-K204N ISHYAMMK	8	>JAK1-K204N ISHYAMMM	216	208
>JAK1-K204N ISHYAMMK	6	>JAK1-K204N ISHYAMMM	6	0
>JAK1-K204N ISHYAMMK	605	>JAK1-K204N ISHYAMMM	130	475
>JAK1-K204N ISHYAMMK	45	>JAK1-K204N ISHYAMMM	13907	13862
>JAK1-K204N ISHYAMMK	61	>JAK1-K204N ISHYAMMM	34	27
>JAK1-K204N ISHYAMMK	1501	>JAK1-K204N ISHYAMMM	82	1419
>JAK1-K204N ISHYAMMK	369	>JAK1-K204N ISHYAMMM	200	169
>JAK1-K204N ISHYAMMK	9425	>JAK1-K204N ISHYAMMM	7	9418
>JAK1-K204N ISHYAMMK	5	>JAK1-K204N ISHYAMMM	5	0
>JAK1-K204N ISHYAMMK	13846	>JAK1-K204N ISHYAMMM	124	13722
>JAK1-K204N ISHYAMMK	11161	>JAK1-K204N ISHYAMMM	56	11105
>JAK1-K204N ISHYAMMK	34	>JAK1-K204N ISHYAMMM	23	11
>JAK1-K204N ISHYAMMK	478	>JAK1-K204N ISHYAMMM	14199	13721
>JAK1-K204N ISHYAMMK	284	>JAK1-K204N ISHYAMMM	250	34
>JAK1-K204N AISHYAMMK	39	>JAK1-K204N AISHYAMMM	14697	14658
>JAK1-K204N AISHYAMMK	13	>JAK1-K204N AISHYAMMM	11	2
>JAK1-K204N AISHYAMMK	11	>JAK1-K204N AISHYAMMM	9762	9751
>JAK1-K204N AISHYAMMK	7	>JAK1-K204N AISHYAMMM	6	1
>JAK1-K204N AISHYAMMK	66	>JAK1-K204N AISHYAMMM	3307	3241
>JAK1-K204N AISHYAMMK	53	>JAK1-K204N AISHYAMMM	45	8
>JAK1-K204N AISHYAMMK	346	>JAK1-K204N AISHYAMMM	267	79
>JAK1-K204N AISHYAMMK	372	>JAK1-K204N AISHYAMMM	25905	25533
>JAK1-K204N AISHYAMMK	263	>JAK1-K204N AISHYAMMM	204	59
>JAK1-K204N AISHYAMMK	4568	>JAK1-K204N AISHYAMMM	245	4323
>JAK1-K204N AISHYAMMK	17700	>JAK1-K204N AISHYAMMM	176	17524
>JAK1-K204N AISHYAMMK	340	>JAK1-K204N AISHYAMMM	11163	10823
>JAK1-K204N AISHYAMMK	295	>JAK1-K204N AISHYAMMM	259	36
>JAK1-K204N LAISHYAMMI	73	>JAK1-K204N LAISHYAMMI	16719	16646

>JAK1-K204N LAISHYAMMI	370	>JAK1-K204N LAISHYAMMI	431	61
>JAK1-K204N LAISHYAMMI	16	>JAK1-K204N LAISHYAMMI	28174	28158
>JAK1-K204N LAISHYAMMI	40	>JAK1-K204N LAISHYAMMI	37	3
>JAK1-K204N LAISHYAMMI	385	>JAK1-K204N LAISHYAMMI	8041	7656
>JAK1-K204N LAISHYAMMI	295	>JAK1-K204N LAISHYAMMI	232	63
>JAK1-K204N LAISHYAMMI	14	>JAK1-K204N LAISHYAMMI	14554	14540
>JAK1-K204N LAISHYAMMI	28	>JAK1-K204N LAISHYAMMI	20	8
>JAK1-K204N LAISHYAMMI	17540	>JAK1-K204N LAISHYAMMI	342	17198
>JAK1-K204N LAISHYAMMI	1496	>JAK1-K204N LAISHYAMMI	58	1438
>JAK1-K204N LAISHYAMMI	16901	>JAK1-K204N LAISHYAMMI	43	16858
>JAK1-K204N LAISHYAMMI	18519	>JAK1-K204N LAISHYAMMI	189	18330
>JAK1-K204N LAISHYAMMI	17320	>JAK1-K204N LAISHYAMMI	486	16834
>JAK1-K204N LAISHYAMMI	24651	>JAK1-K204N LAISHYAMMI	136	24515
>JAK1-L653F·YLYGVCVRDV	23	>JAK1-L653F·YFYGVCVRDV	3024	3001
>JAK1-L653F·YLYGVCVRDV	28	>JAK1-L653F·YFYGVCVRDV	2690	2662
>JAK1-L653F·YLYGVCVRDV	9	>JAK1-L653F·YFYGVCVRDV	750	741
>JAK1-L653F·YLYGVCVRDV	57	>JAK1-L653F·YFYGVCVRDV	1635	1578
>JAK1-L653F·YLYGVCVCR	62	>JAK1-L653F·YFYGVCVCR	12118	12056
>JAK1-L653F·YLYGVCVRD	93	>JAK1-L653F·YFYGVCVRD	18456	18363
>JAK1-L653F·YLYGVCVRDV	2	>JAK1-L653F·YFYGVCVRDV	103	101
>JAK1-L653F·YLYGVCVRDV	6	>JAK1-L653F·YFYGVCVRDV	5019	5013
>JAK1-L653F·YLYGVCVRDV	5	>JAK1-L653F·YFYGVCVRDV	152	147
>JAK1-L653F·YLYGVCVRDV	5	>JAK1-L653F·YFYGVCVRDV	5692	5687
>JAK1-L653F·YLYGVCVCR	30	>JAK1-L653F·YFYGVCVCR	23951	23921
>JAK1-L653F·YLYGVCVRD	92	>JAK1-L653F·YFYGVCVRD	30522	30430
>JAK1-L653F·YLYGVCVRDV	2	>JAK1-L653F·YFYGVCVRDV	57	55
>JAK1-L653F·YLYGVCVCR	315	>JAK1-L653F·YFYGVCVCR	10148	9833
>JAK1-L653F·YLYGVCVCR	171	>JAK1-L653F·YFYGVCVCR	45	126
>JAK1-L653F·YLYGVCVCR	78	>JAK1-L653F·YFYGVCVCR	25	53
>JAK1-L653F·YLYGVCVCR	16	>JAK1-L653F·YFYGVCVCR	31	15
>JAK1-L653F·YLYGVCVCR	129	>JAK1-L653F·YFYGVCVCR	50	79
>JAK1-L653F·RQVSHKHIVY	212	>JAK1-L653F·RQVSHKHIVY	9250	9038
>JAK1-L653F·RQVSHKHIVY	315	>JAK1-L653F·RQVSHKHIVY	8612	8297
>JAK1-L653F·RQVSHKHIVY	17	>JAK1-L653F·RQVSHKHIVY	75	58
>JAK1-L653F·RQVSHKHIVY	382	>JAK1-L653F·RQVSHKHIVY	8728	8346
>JAK1-L653F·RQVSHKHIVY	4702	>JAK1-L653F·RQVSHKHIVY	286	4416
>JAK1-L653F·RQVSHKHIVY	413	>JAK1-L653F·RQVSHKHIVY	538	125
>JAK1-L653F·RQVSHKHIVY	202	>JAK1-L653F·RQVSHKHIVY	35	167
>JAK1-L653F·RQVSHKHIVY	13	>JAK1-L653F·RQVSHKHIVY	2	11
>JAK1-L653F·RQVSHKHIVY	374	>JAK1-L653F·RQVSHKHIVY	492	118
>JAK1-L653F·RQVSHKHIVY	279	>JAK1-L653F·RQVSHKHIVY	5654	5375
>JAK1-L653F·RQVSHKHIVY	172	>JAK1-L653F·RQVSHKHIVY	1775	1603
>JAK1-L653F·RQVSHKHIVY	87	>JAK1-L653F·RQVSHKHIVY	815	728



>JAK1-L653F·RQVSHKHIVY	327	>JAK1-L653F·RQVSHKHIVY	1051	724
>JAK1-L653F·RQVSHKHIVY	75	>JAK1-L653F·RQVSHKHIVY	362	287
>JAK1-L653F·VYLYGVCV	459	>JAK1-L653F·VYFYGVCV	410	49
>JAK1-L653F·VYLYGVCVR	88	>JAK1-L653F·VYFYGVCVR	38	50
>JAK1-L653F·VYLYGVCVR	91	>JAK1-L653F·VYFYGVCVR	50	41
>JAK1-L653F·VYLYGVCVR	3224	>JAK1-L653F·VYFYGVCVR	332	2892
>JAK1-L653F·VYLYGVCVR	122	>JAK1-L653F·VYFYGVCVR	85	37
>JAK1-L653F·IVYLYGVC	19	>JAK1-L653F·IVYFYGVC	73	54
>JAK1-L653F·IVYLYGVCV	160	>JAK1-L653F·IVYFYGVCV	216	56
>JAK1-L653F·IVYLYGVCV	221	>JAK1-L653F·IVYFYGVCV	95	126
>JAK1-L653F·IVYLYGVCV	316	>JAK1-L653F·IVYFYGVCV	132	184
>JAK1-L653F·IVYLYGVCV	380	>JAK1-L653F·IVYFYGVCV	126	254
>JAK1-L653F·IVYLYGVCV	108	>JAK1-L653F·IVYFYGVCV	88	20
>JAK1-L653F·IVYLYGVCV	45	>JAK1-L653F·IVYFYGVCV	17	28
>JAK1-L653F·IVYLYGVCV	641	>JAK1-L653F·IVYFYGVCV	351	290
>JAK1-L653F·IVYLYGVCV	71	>JAK1-L653F·IVYFYGVCV	56	15
>JAK1-L653F·IVYLYGVCV	48	>JAK1-L653F·IVYFYGVCV	35	13
>JAK1-L653F·IVYLYGVCVR	425	>JAK1-L653F·IVYFYGVCVR	139	286
>JAK1-L653F·IVYLYGVCVR	633	>JAK1-L653F·IVYFYGVCVR	361	272
>JAK1-L653F·IVYLYGVCVR	43	>JAK1-L653F·IVYFYGVCVR	28	15
>JAK1-L653F·IVYLYGVCVR	323	>JAK1-L653F·IVYFYGVCVR	274	49
>JAK1-L653F·IVYLYGVCVR	112	>JAK1-L653F·IVYFYGVCVR	36	76
>JAK1-L653F·IVYLYGVCV	1246	>JAK1-L653F·IVYFYGVCV	264	982
>JAK1-L653F·IVYLYGVCV	695	>JAK1-L653F·IVYFYGVCV	457	238
>JAK1-L653F·IVYLYGVCVR	462	>JAK1-L653F·IVYFYGVCVR	382	80
>JAK1-L653F·IVYLYGVCVR	197	>JAK1-L653F·IVYFYGVCVR	221	24
>JAK1-L653F·HIVYLYGV	243	>JAK1-L653F·HIVYFYGV	192	51
>JAK1-L653F·HIVYLYGV	55	>JAK1-L653F·HIVYFYGV	39	16
>JAK1-L653F·HIVYLYGV	49	>JAK1-L653F·HIVYFYGV	51	2
>JAK1-L653F·HIVYLYGV	30	>JAK1-L653F·HIVYFYGV	22	8
>JAK1-L653F·HIVYLYGVCV	377	>JAK1-L653F·HIVYFYGVCV	260	117
>JAK1-L653F·HIVYLYGV	155	>JAK1-L653F·HIVYFYGV	101	54
>JAK1-L653F·HIVYLYGV	133	>JAK1-L653F·HIVYFYGV	141	8
>JAK1-L653F·HIVYLYGV	473	>JAK1-L653F·HIVYFYGV	630	157
>JAK1-L653F·HIVYLYGV	107	>JAK1-L653F·HIVYFYGV	76	31
>JAK1-L653F·HIVYLYGVCV	72	>JAK1-L653F·HIVYFYGVCV	58	14
>JAK1-L653F·HIVYLYGVCV	114	>JAK1-L653F·HIVYFYGVCV	88	26
>JAK1-L653F·HIVYLYGVCV	23	>JAK1-L653F·HIVYFYGVCV	14	9
>JAK1-L653F·HIVYLYGV	11	>JAK1-L653F·HIVYFYGV	10	1
>JAK1-L653F·HIVYLYGVCV	95	>JAK1-L653F·HIVYFYGVCV	45	50
>JAK1-L653F·HIVYLYGV	30	>JAK1-L653F·HIVYFYGV	16	14
>JAK1-L653F·HIVYLYGVCV	815	>JAK1-L653F·HIVYFYGVCV	324	491
>JAK1-L653F·HIVYLYGVCV	63	>JAK1-L653F·HIVYFYGVCV	45	18

>JAK1-L653F·KHIVYLYGV	864	>JAK1-L653F·KHIVYFYGV	311	553
>JAK1-L653F·KHIVYLYGV	290	>JAK1-L653F·KHIVYFYGV	137	153
>JAK1-L653F·KHIVYLYGV	1335	>JAK1-L653F·KHIVYFYGV	401	934
>JAK1-L653F·KHIVYLYGVC'	368	>JAK1-L653F·KHIVYFYGVC'	163	205
>JAK1-L653F·HKHIVYLY	276	>JAK1-L653F·HKHIVYFY	432	156
>JAK1-L653F·HKHIVYLY	661	>JAK1-L653F·HKHIVYFY	203	458
>JAK1-L653F·HKHIVYLY	370	>JAK1-L653F·HKHIVYFY	324	46
>JAK1-L653F·HKHIVYLY	31	>JAK1-L653F·HKHIVYFY	26	5
>JAK1-L653F·HKHIVYLYGV	626	>JAK1-L653F·HKHIVYFYGV	400	226
>JAK1-L653F·SHKHIVYLY	49	>JAK1-L653F·SHKHIVYFY	75	26
>JAK1-L653F·SHKHIVYLY	49	>JAK1-L653F·SHKHIVYFY	21	28
>JAK1-L653F·SHKHIVYLY	43	>JAK1-L653F·SHKHIVYFY	26	17
>JAK1-L653F·SHKHIVYL	568	>JAK1-L653F·SHKHIVYF	21	547
>JAK1-L653F·SHKHIVYLY	292	>JAK1-L653F·SHKHIVYFY	157	135
>JAK1-L653F·SHKHIVYLY	367	>JAK1-L653F·SHKHIVYFY	943	576
>JAK1-L653F·VSHKHIVYL	138	>JAK1-L653F·VSHKHIVYF	231	93
>JAK1-L653F·VSHKHIVYLY	408	>JAK1-L653F·VSHKHIVYFY	391	17
>JAK1-L653F·VSHKHIVYL	1252	>JAK1-L653F·VSHKHIVYF	179	1073
>JAK1-L653F·VSHKHIVYLY	335	>JAK1-L653F·VSHKHIVYFY	35	300
>JAK1-L653F·VSHKHIVYLY	175	>JAK1-L653F·VSHKHIVYFY	80	95
>JAK1-L653F·VSHKHIVYL	305	>JAK1-L653F·VSHKHIVYF	2974	2669
>JAK1-L653F·VSHKHIVYLY	1423	>JAK1-L653F·VSHKHIVYFY	452	971
>JAK1-L653F·VSHKHIVYLY	24	>JAK1-L653F·VSHKHIVYFY	21	3
>JAK1-L653F·VSHKHIVYLY	116	>JAK1-L653F·VSHKHIVYFY	80	36
>JAK1-L653F·VSHKHIVYL	4360	>JAK1-L653F·VSHKHIVYF	164	4196
>JAK1-L653F·VSHKHIVYLY	371	>JAK1-L653F·VSHKHIVYFY	248	123
>JAK1-L653F·VSHKHIVYL	308	>JAK1-L653F·VSHKHIVYF	16	292
>JAK1-L653F·VSHKHIVYLY	175	>JAK1-L653F·VSHKHIVYFY	121	54
>JAK1-L653F·VSHKHIVYL	67	>JAK1-L653F·VSHKHIVYF	8	59
>JAK1-L653F·VSHKHIVYLY	11	>JAK1-L653F·VSHKHIVYFY	10	1
>JAK1-L653F·VSHKHIVYL	5956	>JAK1-L653F·VSHKHIVYF	278	5678
>JAK1-L653F·VSHKHIVYL	163	>JAK1-L653F·VSHKHIVYF	261	98
>JAK1-L653F·VSHKHIVYLY	459	>JAK1-L653F·VSHKHIVYFY	327	132
>JAK1-L653F·QVSHKHIVYL	412	>JAK1-L653F·QVSHKHIVYF	240	172
>JAK1-L653F·QVSHKHIVYL	1876	>JAK1-L653F·QVSHKHIVYF	369	1507
>JAK1-L653F·QVSHKHIVYL	536	>JAK1-L653F·QVSHKHIVYF	61	475
>JAK1-L653F·QVSHKHIVYL	13	>JAK1-L653F·QVSHKHIVYF	15	2
>JAK1-L653F·QVSHKHIVYL	75	>JAK1-L653F·QVSHKHIVYF	42	33
>JAK1-L653F·QVSHKHIVYL	490	>JAK1-L653F·QVSHKHIVYF	240	250
>JAK1-L653F·QVSHKHIVYL	17	>JAK1-L653F·QVSHKHIVYF	14	3
>JAK1-L653F·QVSHKHIVYL	4382	>JAK1-L653F·QVSHKHIVYF	233	4149
>JAK1-L653F·QVSHKHIVYL	3736	>JAK1-L653F·QVSHKHIVYF	394	3342
>JAK1-L653F·QVSHKHIVYL	1973	>JAK1-L653F·QVSHKHIVYF	209	1764

>JAK1-L653F·QVSHKHIVYL	457	>JAK1-L653F·QVSHKHIVYF	817	360
>JAK1-L653F·QVSHKHIVYL	172	>JAK1-L653F·QVSHKHIVYF	350	178
>JAK1-L783F·LWEICYNGEI	552	>JAK1-L783F·FWEICYNGEI	225	327
>JAK1-L783F·TLWEICYNG	421	>JAK1-L783F·TFWEICYNG	20047	19626
>JAK1-L783F·TLWEICYNGE	12	>JAK1-L783F·TFWEICYNGE	2102	2090
>JAK1-L783F·TLWEICYNG	284	>JAK1-L783F·TFWEICYNG	12846	12562
>JAK1-L783F·TLWEICYNGE	29	>JAK1-L783F·TFWEICYNGE	1346	1317
>JAK1-L783F·TLWEICYNGE	63	>JAK1-L783F·TFWEICYNGE	13632	13569
>JAK1-L783F·TLWEICYNGE	195	>JAK1-L783F·TFWEICYNGE	8161	7966
>JAK1-L783F·TLWEICYN	67	>JAK1-L783F·TFWEICYN	13188	13121
>JAK1-L783F·TLWEICYNG	442	>JAK1-L783F·TFWEICYNG	23962	23520
>JAK1-L783F·TLWEICYNGE	4	>JAK1-L783F·TFWEICYNGE	2622	2618
>JAK1-L783F·TLWEICYNGE	22	>JAK1-L783F·TFWEICYNGE	12970	12948
>JAK1-L783F·TLWEICYNGE	23	>JAK1-L783F·TFWEICYNGE	7393	7370
>JAK1-L783F·TLWEICYNGE	28	>JAK1-L783F·TFWEICYNGE	8733	8705
>JAK1-L783F·TLWEICYNGE	19	>JAK1-L783F·TFWEICYNGE	19986	19967
>JAK1-L783F·TLWEICYNGE	1733	>JAK1-L783F·TFWEICYNGE	100	1633
>JAK1-L783F·TLWEICYNGE	14168	>JAK1-L783F·TFWEICYNGE	309	13859
>JAK1-L783F·TLWEICYNGE	423	>JAK1-L783F·TFWEICYNGE	3551	3128
>JAK1-L783F·TLWEICYNGE	97	>JAK1-L783F·TFWEICYNGE	2048	1951
>JAK1-L783F·TLWEICYNGE	41	>JAK1-L783F·TFWEICYNGE	1724	1683
>JAK1-L783F·AADKWSFGT	389	>JAK1-L783F·AADKWSFGT	3347	2958
>JAK1-L783F·AADKWSFGT	474	>JAK1-L783F·AADKWSFGT	13141	12667
>JAK1-L783F·AADKWSFGT	158	>JAK1-L783F·AADKWSFGT	19	139
>JAK1-L783F·AADKWSFGT	4687	>JAK1-L783F·AADKWSFGT	332	4355
>JAK1-L783F·AADKWSFGT	1110	>JAK1-L783F·AADKWSFGT	161	949
>JAK1-L783F·TTLWEICY	130	>JAK1-L783F·TTFWEICY	43	87
>JAK1-L783F·TTLWEICY	35	>JAK1-L783F·TTFWEICY	152	117
>JAK1-L783F·TTLWEICY	256	>JAK1-L783F·TTFWEICY	399	143
>JAK1-L783F·TTLWEICY	135	>JAK1-L783F·TTFWEICY	51	84
>JAK1-L783F·TTLWEICY	378	>JAK1-L783F·TTFWEICY	129	249
>JAK1-L783F·TTLWEICY	587	>JAK1-L783F·TTFWEICY	21	566
>JAK1-L783F·TTLWEICYN	3155	>JAK1-L783F·TTFWEICYN	96	3059
>JAK1-L783F·TTLWEICYNG	6926	>JAK1-L783F·TTFWEICYNG	361	6565
>JAK1-L783F·TTLWEICY	54	>JAK1-L783F·TTFWEICY	29	25
>JAK1-L783F·TTLWEICY	1018	>JAK1-L783F·TTFWEICY	379	639
>JAK1-L783F·TTLWEICY	115	>JAK1-L783F·TTFWEICY	161	46
>JAK1-L783F·TTLWEICY	3561	>JAK1-L783F·TTFWEICY	358	3203
>JAK1-L783F·GTTLWEICY	318	>JAK1-L783F·GTTFWEICY	332	14
>JAK1-L783F·GTTLWEICY	751	>JAK1-L783F·GTTFWEICY	360	391
>JAK1-L783F·GTTLWEICY	97	>JAK1-L783F·GTTFWEICY	35	62
>JAK1-L783F·GTTLWEICY	801	>JAK1-L783F·GTTFWEICY	232	569
>JAK1-L783F·GTTLWEICY	488	>JAK1-L783F·GTTFWEICY	459	29

>JAK1-L783F-GTTLWEICY	175	>JAK1-L783F-GTTFWEICY	68	107
>JAK1-L783F-GTTLWEICY	508	>JAK1-L783F-GTTFWEICY	124	384
>JAK1-L783F-FGTTLWEI	570	>JAK1-L783F-FGTTFWEI	487	83
>JAK1-L783F-FGTTLWEI	135	>JAK1-L783F-FGTTFWEI	84	51
>JAK1-L783F-FGTTLWEICY	712	>JAK1-L783F-FGTTFWEICY	347	365
>JAK1-L783F-FGTTLWEICY	599	>JAK1-L783F-FGTTFWEICY	366	233
>JAK1-L783F-SFGTTLWEI	173	>JAK1-L783F-SFGTTFWEI	184	11
>JAK1-L783F-SFGTTLWEI	263	>JAK1-L783F-SFGTTFWEI	97	166
>JAK1-L783F-SFGTTLWEI	330	>JAK1-L783F-SFGTTFWEI	97	233
>JAK1-L783F-SFGTTLWEI	17	>JAK1-L783F-SFGTTFWEI	8	9
>JAK1-L783F-SFGTTLWEIC'	42	>JAK1-L783F-SFGTTFWEIC'	29	13
>JAK1-L783F-SFGTTLWEIC'	575	>JAK1-L783F-SFGTTFWEIC'	496	79
>JAK1-L783F-SFGTTLWEIC'	87	>JAK1-L783F-SFGTTFWEIC'	59	28
>JAK1-L783F-SFGTTLWEIC'	320	>JAK1-L783F-SFGTTFWEIC'	469	149
>JAK1-L783F-SFGTTLWEI	178	>JAK1-L783F-SFGTTFWEI	138	40
>JAK1-L783F-SFGTTLWEIC	307	>JAK1-L783F-SFGTTFWEIC	293	14
>JAK1-L783F-SFGTTLWEI	224	>JAK1-L783F-SFGTTFWEI	222	2
>JAK1-L783F-WSFGTTLWE	470	>JAK1-L783F-WSFGTTFWE	558	88
>JAK1-L783F-WSFGTTLWE	61	>JAK1-L783F-WSFGTTFWE	58	3
>JAK1-L783F-WSFGTTLWE	174	>JAK1-L783F-WSFGTTFWE	142	32
>JAK1-L783F-WSFGTTLWE	996	>JAK1-L783F-WSFGTTFWE	387	609
>JAK1-L783F-WSFGTTLWE	430	>JAK1-L783F-WSFGTTFWE	312	118
>JAK1-L783F-WSFGTTLWE	102	>JAK1-L783F-WSFGTTFWE	45	57
>JAK1-L783F-WSFGTTLWE	136	>JAK1-L783F-WSFGTTFWE	62	74
>JAK1-L783F-WSFGTTLWE	317	>JAK1-L783F-WSFGTTFWE	234	83
>JAK1-L783F-WSFGTTLW	4	>JAK1-L783F-WSFGTTFW	5	1
>JAK1-L783F-WSFGTTLWE	41	>JAK1-L783F-WSFGTTFWE	76	35
>JAK1-L783F-WSFGTTLW	34	>JAK1-L783F-WSFGTTFW	33	1
>JAK1-L783F-WSFGTTLW	9	>JAK1-L783F-WSFGTTFW	9	0
>JAK1-L783F-WSFGTTLWE	82	>JAK1-L783F-WSFGTTFWE	73	9
>JAK1-L783F-WSFGTTLW	71	>JAK1-L783F-WSFGTTFW	224	153
>JAK1-L783F-WSFGTTLWE	343	>JAK1-L783F-WSFGTTFWE	776	433
>JAK1-L783F-WSFGTTLWE	437	>JAK1-L783F-WSFGTTFWE	456	19
>JAK1-L783F-WSFGTTLWE	137	>JAK1-L783F-WSFGTTFWE	159	22
>JAK1-L783F-WSFGTTLW	107	>JAK1-L783F-WSFGTTFW	151	44
>JAK1-L783F-WSFGTTLW	29	>JAK1-L783F-WSFGTTFW	26	3
>JAK1-L783F-KWSFGTTLW	614	>JAK1-L783F-KWSFGTTFW	376	238
>JAK1-L783F-KWSFGTTL	3293	>JAK1-L783F-KWSFGTTF	202	3091
>JAK1-L783F-KWSFGTTLW	243	>JAK1-L783F-KWSFGTTFW	160	83
>JAK1-L783F-KWSFGTTL	912	>JAK1-L783F-KWSFGTTF	125	787
>JAK1-L783F-KWSFGTTLW	358	>JAK1-L783F-KWSFGTTFW	493	135
>JAK1-L783F-KWSFGTTLW	166	>JAK1-L783F-KWSFGTTFW	115	51
>JAK1-L783F-KWSFGTTL	289	>JAK1-L783F-KWSFGTTF	26	263

>JAK1-L783F·KWSFGTTLW	488	>JAK1-L783F·KWSFGTTFW	182	306
>JAK1-L783F·KWSFGTTLW	45	>JAK1-L783F·KWSFGTTFW	27	18
>JAK1-L783F·KWSFGTTL	5337	>JAK1-L783F·KWSFGTTF	389	4948
>JAK1-L783F·KWSFGTTLW	153	>JAK1-L783F·KWSFGTTFW	221	68
>JAK1-L783F·KWSFGTTL	48	>JAK1-L783F·KWSFGTTF	63	15
>JAK1-L783F·KWSFGTTLW	128	>JAK1-L783F·KWSFGTTFW	27	101
>JAK1-L783F·KWSFGTTLW	39	>JAK1-L783F·KWSFGTTFW	32	7
>JAK1-L783F·DKWSFGTTL	26	>JAK1-L783F·DKWSFGTTF	3	23
>JAK1-L783F·DKWSFGTTL	481	>JAK1-L783F·DKWSFGTTF	291	190
>JAK1-L783F·DKWSFGTTL	1296	>JAK1-L783F·DKWSFGTTF	119	1177
>JAK1-L783F·ADKWSFGTT	4679	>JAK1-L783F·ADKWSFGTT	265	4414
>JAK1-L783F·ADKWSFGTT	1464	>JAK1-L783F·ADKWSFGTT	236	1228
>JAK1-M642 MRQVSHKHI	150	>JAK1-M642 IRQVSHKHI	184	34
>JAK1-M642 MRQVSHKHI'	34	>JAK1-M642 IRQVSHKHIV'	39	5
>JAK1-M642 MRQVSHKHI'	212	>JAK1-M642 IRQVSHKHIV	243	31
>JAK1-M642 MRQVSHKHI	847	>JAK1-M642 IRQVSHKHI	471	376
>JAK1-M642 MRQVSHKHI'	311	>JAK1-M642 IRQVSHKHIV	276	35
>JAK1-M642 MRQVSHKHI'	766	>JAK1-M642 IRQVSHKHIV'	365	401
>JAK1-M642 MMRQVSHKI	58	>JAK1-M642 MIRQVSHKHI	695	637
>JAK1-M642 MMRQVSHKI	393	>JAK1-M642 MIRQVSHKHI	2055	1662
>JAK1-M642 MMRQVSHKI	8	>JAK1-M642 MIRQVSHKHI	62	54
>JAK1-M642 MMRQVSHKI	61	>JAK1-M642 MIRQVSHKHI	2183	2122
>JAK1-M642 MMRQVSHKI	6	>JAK1-M642 MIRQVSHKHI	145	139
>JAK1-M642 MMRQVSHKI	29	>JAK1-M642 MIRQVSHKHI	2389	2360
>JAK1-M642 MMRQVSHKI	35	>JAK1-M642 MIRQVSHKHI	698	663
>JAK1-M642 MMRQVSHKI	142	>JAK1-M642 MIRQVSHKHI	4533	4391
>JAK1-M642 MMRQVSHKI	56	>JAK1-M642 MIRQVSHKHI	1687	1631
>JAK1-M642 MMRQVSHKI	2	>JAK1-M642 MIRQVSHKHI	6	4
>JAK1-M642 MMRQVSHK	37	>JAK1-M642 MIRQVSHK	55	18
>JAK1-M642 MMRQVSHKI	479	>JAK1-M642 MIRQVSHKH	1670	1191
>JAK1-M642 MMRQVSHK	5	>JAK1-M642 MIRQVSHK	5	0
>JAK1-M642 MMRQVSHKI	19	>JAK1-M642 MIRQVSHKHI	15	4
>JAK1-M642 MMRQVSHKI	87	>JAK1-M642 MIRQVSHKHI	61	26
>JAK1-M642 MMRQVSHK	62	>JAK1-M642 MIRQVSHK	361	299
>JAK1-M642 MMRQVSHK	328	>JAK1-M642 MIRQVSHK	688	360
>JAK1-M642 MMRQVSHK	226	>JAK1-M642 MIRQVSHK	86	140
>JAK1-M642 MMRQVSHKI	69	>JAK1-M642 MIRQVSHKHI	141	72
>JAK1-M642 MMRQVSHKI	180	>JAK1-M642 MIRQVSHKHI	1762	1582
>JAK1-M642 MMRQVSHK	297	>JAK1-M642 MIRQVSHK	7621	7324
>JAK1-M642 MMRQVSHKI	70	>JAK1-M642 MIRQVSHKHI	1494	1424
>JAK1-M642 MMRQVSHKI	166	>JAK1-M642 MIRQVSHKHI	3919	3753
>JAK1-M642 SLAFFEAASM	477	>JAK1-M642 SLAFFEAASM	114	363
>JAK1-M642 SLAFFEAASM	29	>JAK1-M642 SLAFFEAASM	10	19

>JAK1-M642 SLAFFEAASM	110	>JAK1-M642 SLAFFEAASM	14	96
>JAK1-M642 SLAFFEAASM	97	>JAK1-M642 SLAFFEAASM	13	84
>JAK1-M642 SLAFFEAASM	1562	>JAK1-M642 SLAFFEAASM	136	1426
>JAK1-M642 SLAFFEAASM	189	>JAK1-M642 SLAFFEAASM	23	166
>JAK1-M642 SLAFFEAASM	953	>JAK1-M642 SLAFFEAASM	198	755
>JAK1-M642 SLAFFEAASM	108	>JAK1-M642 SLAFFEAASM	17	91
>JAK1-M642 SLAFFEAASM	3638	>JAK1-M642 SLAFFEAASM	411	3227
>JAK1-M642 SLAFFEAASM	489	>JAK1-M642 SLAFFEAASM	4222	3733
>JAK1-M642 SLAFFEAASM	43	>JAK1-M642 SLAFFEAASM	466	423
>JAK1-M642 SMMRQVSHI	343	>JAK1-M642 SMIRQVSHK†	398	55
>JAK1-M642 SMMRQVSHI	460	>JAK1-M642 SMIRQVSHK†	1654	1194
>JAK1-M642 SMMRQVSHI	193	>JAK1-M642 SMIRQVSHK†	733	540
>JAK1-M642 SMMRQVSHI	28	>JAK1-M642 SMIRQVSHK†	54	26
>JAK1-M642 SMMRQVSHI	22	>JAK1-M642 SMIRQVSHK†	44	22
>JAK1-M642 SMMRQVSHI	42	>JAK1-M642 SMIRQVSHK†	95	53
>JAK1-M642 SMMRQVSHI	74	>JAK1-M642 SMIRQVSHK†	132	58
>JAK1-M642 SMMRQVSHI	403	>JAK1-M642 SMIRQVSHK†	5100	4697
>JAK1-M642 SMMRQVSHI	38	>JAK1-M642 SMIRQVSHK†	76	38
>JAK1-M642 SMMRQVSH	474	>JAK1-M642 SMIRQVSH	3450	2976
>JAK1-M642 SMMRQVSHI	32	>JAK1-M642 SMIRQVSHK	56	24
>JAK1-M642 SMMRQVSHI	10	>JAK1-M642 SMIRQVSHK	22	12
>JAK1-M642 SMMRQVSHI	33	>JAK1-M642 SMIRQVSHK	94	61
>JAK1-M642 SMMRQVSHI	86	>JAK1-M642 SMIRQVSHK	195	109
>JAK1-M642 SMMRQVSHI	119	>JAK1-M642 SMIRQVSHK†	725	606
>JAK1-M642 SMMRQVSH	414	>JAK1-M642 SMIRQVSH	572	158
>JAK1-M642 SMMRQVSHI	252	>JAK1-M642 SMIRQVSHK†	332	80
>JAK1-M642 SMMRQVSH	228	>JAK1-M642 SMIRQVSH	466	238
>JAK1-M642 SMMRQVSHI	338	>JAK1-M642 SMIRQVSHK	599	261
>JAK1-M642 SMMRQVSHI	58	>JAK1-M642 SMIRQVSHK†	116	58
>JAK1-M642 SMMRQVSHI	476	>JAK1-M642 SMIRQVSHK†	1106	630
>JAK1-M642 ASMMRQVSI	15	>JAK1-M642 ASMIRQVSHI	21	6
>JAK1-M642 ASMMRQVSI	8	>JAK1-M642 ASMIRQVSHI	11	3
>JAK1-M642 ASMMRQVSI	419	>JAK1-M642 ASMIRQVSHI	917	498
>JAK1-M642 ASMMRQVSI	14	>JAK1-M642 ASMIRQVSHI	18	4
>JAK1-M642 ASMMRQVSI	243	>JAK1-M642 ASMIRQVSHI	273	30
>JAK1-M642 ASMMRQVSI	333	>JAK1-M642 ASMIRQVSHI	371	38
>JAK1-M642 ASMMRQVSI	750	>JAK1-M642 ASMIRQVSH	460	290
>JAK1-M642 ASMMRQVSI	703	>JAK1-M642 ASMIRQVSHI	469	234
>JAK1-M642 ASMMRQVSI	384	>JAK1-M642 ASMIRQVSH	303	81
>JAK1-M642 ASMMRQVSI	75	>JAK1-M642 ASMIRQVSHI	69	6
>JAK1-M642 ASMMRQVSI	334	>JAK1-M642 ASMIRQVSHI	272	62
>JAK1-M642 AASMMRQV	449	>JAK1-M642 AASMMRQV	238	211
>JAK1-M642 AASMMRQV:	62	>JAK1-M642 AASMMRQVSI	75	13

>JAK1-M642 AASMMRQV\	62	>JAK1-M642 AASMIRQVSI	75	13
>JAK1-M642 AASMMRQV\	590	>JAK1-M642 AASMIRQVSI	312	278
>JAK1-M642 EAASMMRQ	412	>JAK1-M642 EAASMIRQ	497	85
>JAK1-M642 EAASMMRQ\	15	>JAK1-M642 EAASMIRQV	15	0
>JAK1-M642 EAASMMRQ\	22	>JAK1-M642 EAASMIRQV	38	16
>JAK1-M642 FEAASMMRC	22	>JAK1-M642 FEAASMIRQ\	25	3
>JAK1-M642 FEAASMMR	101	>JAK1-M642 FEAASMIR	250	149
>JAK1-M642 FEAASMMRC	98	>JAK1-M642 FEAASMIRQ\	103	5
>JAK1-M642 FEAASMMRC	19	>JAK1-M642 FEAASMIRQ\	17	2
>JAK1-M642 FFEASMM	4569	>JAK1-M642 FFEASMI	453	4116
>JAK1-M642 FFEASMMR	647	>JAK1-M642 FFEASMIRQ	304	343
>JAK1-M642 FFEASMM	1839	>JAK1-M642 FFEASMI	127	1712
>JAK1-M642 FFEASMMR	443	>JAK1-M642 FFEASMIR	1382	939
>JAK1-M642 FFEASMMR	66	>JAK1-M642 FFEASMIR	157	91
>JAK1-M642 FFEASMMR	230	>JAK1-M642 FFEASMIR	170	60
>JAK1-M642 AFFEAASMM	288	>JAK1-M642 AFFEAASMIR	497	209
>JAK1-M642 AFFEAASMM	1017	>JAK1-M642 AFFEAASMI	73	944
>JAK1-M642 AFFEAASMM	41	>JAK1-M642 AFFEAASMIR	87	46
>JAK1-M642 AFFEAASMM	145	>JAK1-M642 AFFEAASMIR	292	147
>JAK1-M642 AFFEAASMM	35	>JAK1-M642 AFFEAASMIR	82	47
>JAK1-M642 AFFEAASMM	34	>JAK1-M642 AFFEAASMI	572	538
>JAK1-M642 AFFEAASMM	220	>JAK1-M642 AFFEAASMIR	320	100
>JAK1-M642 AFFEAASMM	270	>JAK1-M642 AFFEAASMIR	218	52
>JAK1-M642 LAFFEAASMI	382	>JAK1-M642 LAFFEAASMI	781	399
>JAK1-M642 LAFFEAASMI	250	>JAK1-M642 LAFFEAASMI	337	87
>JAK1-M642 LAFFEAASMI	314	>JAK1-M642 LAFFEAASMI	757	443
>JAK1-M642 LAFFEAASMI	5	>JAK1-M642 LAFFEAASMI	8	3
>JAK1-M642 LAFFEAASMI	419	>JAK1-M642 LAFFEAASMI	5125	4706
>JAK1-M642 LAFFEAASMI	105	>JAK1-M642 LAFFEAASMI	380	275
>JAK1-M642 LAFFEAASMI	10	>JAK1-M642 LAFFEAASMI	38	28
>JAK1-M642 LAFFEAASMI	99	>JAK1-M642 LAFFEAASMI	4036	3937
>JAK1-M642 LAFFEAASMI	7906	>JAK1-M642 LAFFEAASMI	74	7832
>JAK1-M828 MNYPNQR	705	>JAK1-M828 INYPNQRPF	301	404
>JAK1-M828 MNYPNQR	51	>JAK1-M828 INYPNQR	354	303
>JAK1-M828 MNYPNQR	231	>JAK1-M828 INYPNQRPF	394	163
>JAK1-M828 MNYPNQR	190	>JAK1-M828 INYPNQRPF	281	91
>JAK1-M828 MNYPNQR	15	>JAK1-M828 INYPNQRPF	20	5
>JAK1-M828 MNYPNQR	40	>JAK1-M828 INYPNQRPF	53	13
>JAK1-M828 MNYPNQR	275	>JAK1-M828 INYPNQRPF	399	124
>JAK1-M828 MNYPNQR	416	>JAK1-M828 INYPNQRPF	293	123
>JAK1-M828 MNYPNQR	286	>JAK1-M828 INYPNQR	518	232
>JAK1-M828 CMNYPNQF	193	>JAK1-M828 CINYPNQR	1125	932
>JAK1-M828 CMNYPNQF	361	>JAK1-M828 CINYPNQR	153	208

>JAK1-M828 CMNYDPNQF	137	>JAK1-M828 CINYDPNQRF	1395	1258
>JAK1-M828 CMNYDPNQF	9	>JAK1-M828 CINYDPNQRF	325	316
>JAK1-M828 KELADLMTRC	396	>JAK1-M828 KELADLMTRC	28	368
>JAK1-M828 KELADLMTRC	341	>JAK1-M828 KELADLMTRC	215	126
>JAK1-M828 KELADLMTRC	74	>JAK1-M828 KELADLMTRC	75	1
>JAK1-M828 KELADLMTRC	239	>JAK1-M828 KELADLMTRC	268	29
>JAK1-M828 KELADLMTRC	1519	>JAK1-M828 KELADLMTRC	478	1041
>JAK1-M828 KELADLMTRC	30	>JAK1-M828 KELADLMTRC	7	23
>JAK1-M828 RCMNYDPNC	114	>JAK1-M828 RCINYDPNQF	310	196
>JAK1-M828 RCMNYDPNC	134	>JAK1-M828 RCINYDPNQF	194	60
>JAK1-M828 MTRCMNYD	151	>JAK1-M828 MTRCINYPD	171	20
>JAK1-M828 MTRCMNYDI	423	>JAK1-M828 MTRCINYPD	538	115
>JAK1-M828 MTRCMNYDI	146	>JAK1-M828 MTRCINYPD	185	39
>JAK1-M828 MTRCMNYDI	27	>JAK1-M828 MTRCINYPD	31	4
>JAK1-M828 LMTRCMNY	31	>JAK1-M828 LMTRCINYP	55	24
>JAK1-M828 LMTRCMNY	62	>JAK1-M828 LMTRCINYP	90	28
>JAK1-M828 LMTRCMNY	70	>JAK1-M828 LMTRCINYP	635	565
>JAK1-M828 LMTRCMNY	307	>JAK1-M828 LMTRCINYP	385	78
>JAK1-M828 LMTRCMNY	35	>JAK1-M828 LMTRCINYP	48	13
>JAK1-M828 DLMTRCMNY	504	>JAK1-M828 DLMTRCINYP	182	322
>JAK1-M828 DLMTRCMNY	495	>JAK1-M828 DLMTRCINYP	879	384
>JAK1-M828 ADLMTRCM	1333	>JAK1-M828 ADLMTRCIN	320	1013
>JAK1-M828 ADLMTRCM	1061	>JAK1-M828 ADLMTRCIN	40	1021
>JAK1-M828 ADLMTRCM	1869	>JAK1-M828 ADLMTRCIN	71	1798
>JAK1-M828 LADLMTRCM	143	>JAK1-M828 LADLMTRCIN	195	52
>JAK1-M828 LADLMTRCM	359	>JAK1-M828 LADLMTRCIN	442	83
>JAK1-M828 LADLMTRCM	496	>JAK1-M828 LADLMTRCIN	13131	12635
>JAK1-M828 LADLMTRCM	358	>JAK1-M828 LADLMTRCIN	180	178
>JAK1-M828 ELADLMTRCI	1027	>JAK1-M828 ELADLMTRCIN	493	534
>JAK1-M828 ELADLMTRCI	2420	>JAK1-M828 ELADLMTRCIN	454	1966
>JAK1-M828 ELADLMTRCI	4028	>JAK1-M828 ELADLMTRCIN	488	3540
>JAK1-M828 ELADLMTRCI	716	>JAK1-M828 ELADLMTRCIN	172	544
>JAK1-M828 ELADLMTRCI	1652	>JAK1-M828 ELADLMTRCIN	295	1357
>JAK1-M828 ELADLMTRCI	89	>JAK1-M828 ELADLMTRCIN	4166	4077
>JAK1-Q644 QVSHKHIVYL	849	>JAK1-Q644 HVSHKHIVYL	317	532
>JAK1-Q644 QVSHKHIV	908	>JAK1-Q644 HVSHKHIV	482	426
>JAK1-Q644 QVSHKHIV	461	>JAK1-Q644 HVSHKHIV	142	319
>JAK1-Q644 QVSHKHIVYL	1740	>JAK1-Q644 HVSHKHIVYL	323	1417
>JAK1-Q644 QVSHKHIVYL	412	>JAK1-Q644 HVSHKHIVYL	496	84
>JAK1-Q644 QVSHKHIVY	90	>JAK1-Q644 HVSHKHIVY	106	16
>JAK1-Q644 QVSHKHIVYL	13	>JAK1-Q644 HVSHKHIVYL	14	1
>JAK1-Q644 QVSHKHIVY	3654	>JAK1-Q644 HVSHKHIVY	303	3351
>JAK1-Q644 QVSHKHIVYL	2079	>JAK1-Q644 HVSHKHIVYL	157	1922



>JAK1-Q644F QVSHKHIVY	548	>JAK1-Q644F HVSHKHIVY	342	206
>JAK1-Q644F QVSHKHIVYL	75	>JAK1-Q644F HVSHKHIVYL	54	21
>JAK1-Q644F QVSHKHIVYL	490	>JAK1-Q644F HVSHKHIVYL	190	300
>JAK1-Q644F QVSHKHIV	84	>JAK1-Q644F HVSHKHIV	40	44
>JAK1-Q644F QVSHKHIVY	193	>JAK1-Q644F HVSHKHIVY	68	125
>JAK1-Q644F QVSHKHIVYL	17	>JAK1-Q644F HVSHKHIVYL	11	6
>JAK1-Q644F QVSHKHIVY	266	>JAK1-Q644F HVSHKHIVY	162	104
>JAK1-Q644F QVSHKHIVY	543	>JAK1-Q644F HVSHKHIVY	190	353
>JAK1-Q644F QVSHKHIVYL	872	>JAK1-Q644F HVSHKHIVYL	391	481
>JAK1-Q644F QVSHKHIVY	339	>JAK1-Q644F HVSHKHIVY	100	239
>JAK1-Q644F QVSHKHIVYL	578	>JAK1-Q644F HVSHKHIVYL	171	407
>JAK1-Q644F QVSHKHIVYL	457	>JAK1-Q644F HVSHKHIVYL	492	35
>JAK1-Q644F QVSHKHIVY	1249	>JAK1-Q644F HVSHKHIVY	169	1080
>JAK1-Q644F QVSHKHIVYL	972	>JAK1-Q644F HVSHKHIVYL	177	795
>JAK1-Q644F QVSHKHIVY	1435	>JAK1-Q644F HVSHKHIVY	365	1070
>JAK1-Q644F QVSHKHIVYL	172	>JAK1-Q644F HVSHKHIVYL	64	108
>JAK1-Q644F RQVSHKHIVY	212	>JAK1-Q644F RHVSHKHIVY	6797	6585
>JAK1-Q644F RQVSHKHIV	246	>JAK1-Q644F RHVSHKHIV	16904	16658
>JAK1-Q644F RQVSHKHIVY	315	>JAK1-Q644F RHVSHKHIVY	17161	16846
>JAK1-Q644F RQVSHKHI	189	>JAK1-Q644F RHVSHKHI	19293	19104
>JAK1-Q644F RQVSHKHIV	51	>JAK1-Q644F RHVSHKHIV	10134	10083
>JAK1-Q644F RQVSHKHIVY	17	>JAK1-Q644F RHVSHKHIVY	9111	9094
>JAK1-Q644F RQVSHKHIVY	382	>JAK1-Q644F RHVSHKHIVY	10997	10615
>JAK1-Q644F RQVSHKHIVY	232	>JAK1-Q644F RHVSHKHIVY	1791	1559
>JAK1-Q644F RQVSHKHIVY	413	>JAK1-Q644F RHVSHKHIVY	10074	9661
>JAK1-Q644F RQVSHKHI	346	>JAK1-Q644F RHVSHKHI	19982	19636
>JAK1-Q644F RQVSHKHIVY	46	>JAK1-Q644F RHVSHKHIVY	4974	4928
>JAK1-Q644F RQVSHKHIVY	202	>JAK1-Q644F RHVSHKHIVY	18562	18360
>JAK1-Q644F RQVSHKHI	21	>JAK1-Q644F RHVSHKHI	275	254
>JAK1-Q644F RQVSHKHIV	42	>JAK1-Q644F RHVSHKHIV	752	710
>JAK1-Q644F RQVSHKHIVY	4	>JAK1-Q644F RHVSHKHIVY	29	25
>JAK1-Q644F RQVSHKHIVY	13	>JAK1-Q644F RHVSHKHIVY	126	113
>JAK1-Q644F RQVSHKHIVY	299	>JAK1-Q644F RHVSHKHIVY	327	28
>JAK1-Q644F RQVSHKHIVY	374	>JAK1-Q644F RHVSHKHIVY	7341	6967
>JAK1-Q644F RQVSHKHIV	470	>JAK1-Q644F RHVSHKHIV	214	256
>JAK1-Q644F RQVSHKHIVY	279	>JAK1-Q644F RHVSHKHIVY	131	148
>JAK1-Q644F RQVSHKHIVY	172	>JAK1-Q644F RHVSHKHIVY	9333	9161
>JAK1-Q644F RQVSHKHIVY	87	>JAK1-Q644F RHVSHKHIVY	2449	2362
>JAK1-Q644F RQVSHKHIVY	327	>JAK1-Q644F RHVSHKHIVY	936	609
>JAK1-Q644F RQVSHKHIVY	75	>JAK1-Q644F RHVSHKHIVY	733	658
>JAK1-Q644F MRQVSHKHI	150	>JAK1-Q644F MRHVSHKHI	43	107
>JAK1-Q644F MRQVSHKHI	508	>JAK1-Q644F MRHVSHKHI	151	357
>JAK1-Q644F MRQVSHKHI	34	>JAK1-Q644F MRHVSHKHI	13	21

>JAK1-Q644F MRQVSHKHI'	212	>JAK1-Q644F MRHVSHKHI'	729	517
>JAK1-Q644F MRQVSHKHI'	311	>JAK1-Q644F MRHVSHKHI'	917	606
>JAK1-Q644F MMRQVSHKI	530	>JAK1-Q644F MMRHVSHKI	398	132
>JAK1-Q644F MMRQVSHKI	58	>JAK1-Q644F MMRHVSHKI	45	13
>JAK1-Q644F MMRQVSHKI	393	>JAK1-Q644F MMRHVSHKI	627	234
>JAK1-Q644F MMRQVSHKI	8	>JAK1-Q644F MMRHVSHKI	6	2
>JAK1-Q644F MMRQVSHKI	579	>JAK1-Q644F MMRHVSHKI	381	198
>JAK1-Q644F MMRQVSHKI	61	>JAK1-Q644F MMRHVSHKI	104	43
>JAK1-Q644F MMRQVSHKI	6	>JAK1-Q644F MMRHVSHKI	8	2
>JAK1-Q644F MMRQVSHKI	29	>JAK1-Q644F MMRHVSHKI	17	12
>JAK1-Q644F MMRQVSHKI	35	>JAK1-Q644F MMRHVSHKI	51	16
>JAK1-Q644F MMRQVSHKI	142	>JAK1-Q644F MMRHVSHKI	258	116
>JAK1-Q644F MMRQVSHKI	56	>JAK1-Q644F MMRHVSHKI	143	87
>JAK1-Q644F MMRQVSHKI	2	>JAK1-Q644F MMRHVSHKI	2	0
>JAK1-Q644F MMRQVSHK	37	>JAK1-Q644F MMRHVSHK	30	7
>JAK1-Q644F MMRQVSHKI	479	>JAK1-Q644F MMRHVSHKI	183	296
>JAK1-Q644F MMRQVSHK	547	>JAK1-Q644F MMRHVSHK	356	191
>JAK1-Q644F MMRQVSHK	5	>JAK1-Q644F MMRHVSHK	4	1
>JAK1-Q644F MMRQVSHKI	19	>JAK1-Q644F MMRHVSHKI	8	11
>JAK1-Q644F MMRQVSHKI	87	>JAK1-Q644F MMRHVSHKI	26	61
>JAK1-Q644F MMRQVSHK	62	>JAK1-Q644F MMRHVSHK	26	36
>JAK1-Q644F MMRQVSHK	328	>JAK1-Q644F MMRHVSHK	199	129
>JAK1-Q644F MMRQVSHK	226	>JAK1-Q644F MMRHVSHK	225	1
>JAK1-Q644F MMRQVSHKI	69	>JAK1-Q644F MMRHVSHKI	100	31
>JAK1-Q644F MMRQVSHKI	180	>JAK1-Q644F MMRHVSHKI	189	9
>JAK1-Q644F MMRQVSHK	297	>JAK1-Q644F MMRHVSHK	123	174
>JAK1-Q644F MMRQVSHKI	1260	>JAK1-Q644F MMRHVSHKI	282	978
>JAK1-Q644F MMRQVSHKI	70	>JAK1-Q644F MMRHVSHKI	31	39
>JAK1-Q644F MMRQVSHKI	166	>JAK1-Q644F MMRHVSHKI	69	97
>JAK1-Q644F SMMRQVSHI	343	>JAK1-Q644F SMMRHVSHI'	143	200
>JAK1-Q644F SMMRQVSHI	460	>JAK1-Q644F SMMRHVSHI'	290	170
>JAK1-Q644F SMMRQVSHI	193	>JAK1-Q644F SMMRHVSHI'	124	69
>JAK1-Q644F SMMRQVSHI	28	>JAK1-Q644F SMMRHVSHI'	16	12
>JAK1-Q644F SMMRQVSHI	601	>JAK1-Q644F SMMRHVSHI'	365	236
>JAK1-Q644F SMMRQVSHI	22	>JAK1-Q644F SMMRHVSHI'	17	5
>JAK1-Q644F SMMRQVSHI	42	>JAK1-Q644F SMMRHVSHI'	46	4
>JAK1-Q644F SMMRQVSHI	74	>JAK1-Q644F SMMRHVSHI'	110	36
>JAK1-Q644F SMMRQVSHI	403	>JAK1-Q644F SMMRHVSHI'	462	59
>JAK1-Q644F SMMRQVSHI	38	>JAK1-Q644F SMMRHVSHI'	45	7
>JAK1-Q644F SMMRQVSH	474	>JAK1-Q644F SMMRHVSH	307	167
>JAK1-Q644F SMMRQVSHI	32	>JAK1-Q644F SMMRHVSHI'	29	3
>JAK1-Q644F SMMRQVSHI	10	>JAK1-Q644F SMMRHVSHI'	8	2
>JAK1-Q644F SMMRQVSHI	33	>JAK1-Q644F SMMRHVSHI'	41	8

>JAK1-Q644F SMMRQVSHI	86	>JAK1-Q644F SMMRHVSHI	43	43
>JAK1-Q644F SMMRQVSHI	606	>JAK1-Q644F SMMRHVSHI	341	265
>JAK1-Q644F SMMRQVSHI	119	>JAK1-Q644F SMMRHVSHI	47	72
>JAK1-Q644F SMMRQVSH	414	>JAK1-Q644F SMMRHVSH	189	225
>JAK1-Q644F SMMRQVSHI	252	>JAK1-Q644F SMMRHVSHI	167	85
>JAK1-Q644F SMMRQVSH	228	>JAK1-Q644F SMMRHVSH	133	95
>JAK1-Q644F SMMRQVSHI	338	>JAK1-Q644F SMMRHVSHI	198	140
>JAK1-Q644F SMMRQVSHI	58	>JAK1-Q644F SMMRHVSHI	48	10
>JAK1-Q644F SMMRQVSHI	1117	>JAK1-Q644F SMMRHVSHI	302	815
>JAK1-Q644F SMMRQVSHI	476	>JAK1-Q644F SMMRHVSHI	346	130
>JAK1-Q644F ASMMRQVSI	15	>JAK1-Q644F ASMMRHVSI	15	0
>JAK1-Q644F ASMMRQVSI	628	>JAK1-Q644F ASMMRHVSI	328	300
>JAK1-Q644F ASMMRQVSI	8	>JAK1-Q644F ASMMRHVSI	8	0
>JAK1-Q644F ASMMRQVSI	419	>JAK1-Q644F ASMMRHVSI	281	138
>JAK1-Q644F ASMMRQVSI	14	>JAK1-Q644F ASMMRHVSI	11	3
>JAK1-Q644F ASMMRQVSI	243	>JAK1-Q644F ASMMRHVSI	195	48
>JAK1-Q644F ASMMRQVSI	333	>JAK1-Q644F ASMMRHVSI	331	2
>JAK1-Q644F ASMMRQVSI	827	>JAK1-Q644F ASMMRHVSI	440	387
>JAK1-Q644F ASMMRQVSI	750	>JAK1-Q644F ASMMRHVSI	226	524
>JAK1-Q644F ASMMRQVSI	703	>JAK1-Q644F ASMMRHVSI	394	309
>JAK1-Q644F ASMMRQVSI	384	>JAK1-Q644F ASMMRHVSI	393	9
>JAK1-Q644F ASMMRQVSI	75	>JAK1-Q644F ASMMRHVSI	61	14
>JAK1-Q644F ASMMRQVSI	334	>JAK1-Q644F ASMMRHVSI	334	0
>JAK1-Q644F AASMMRQV	449	>JAK1-Q644F AASMMRHV	720	271
>JAK1-Q644F AASMMRQV:	662	>JAK1-Q644F AASMMRHV:	382	280
>JAK1-Q644F AASMMRQV:	62	>JAK1-Q644F AASMMRHV:	35	27
>JAK1-Q644F AASMMRQV:	62	>JAK1-Q644F AASMMRHV:	69	7
>JAK1-Q644F AASMMRQV:	590	>JAK1-Q644F AASMMRHV:	292	298
>JAK1-Q644F AASMMRQV:	1005	>JAK1-Q644F AASMMRHV:	339	666
>JAK1-Q644F EAASMMRQ\	1708	>JAK1-Q644F EAASMMRH\	444	1264
>JAK1-Q644F EAASMMRQ	412	>JAK1-Q644F EAASMMRH	702	290
>JAK1-Q644F EAASMMRQ\	15	>JAK1-Q644F EAASMMRH\	13	2
>JAK1-Q644F EAASMMRQ\	22	>JAK1-Q644F EAASMMRH\	39	17
>JAK1-Q644F FEAASMMRC	22	>JAK1-Q644F FEAASMMRF	48	26
>JAK1-Q644F FEAASMMRC	98	>JAK1-Q644F FEAASMMRF	124	26
>JAK1-Q644F FEAASMMRC	19	>JAK1-Q644F FEAASMMRF	14	5
>JAK1-R724F REGIDSECGP	312	>JAK1-R724F HEGIDSECGP	1150	838
>JAK1-R724F REGIDSECGP	3293	>JAK1-R724F HEGIDSECGP	458	2835
>JAK1-R724F REGIDSECGP	378	>JAK1-R724F HEGIDSECGP	771	393
>JAK1-R724F REGIDSECGP	352	>JAK1-R724F HEGIDSECGP	751	399
>JAK1-R724F NVCTKNLLLA	412	>JAK1-R724F NVCTKNLLLA	13972	13560
>JAK1-R724F NVCTKNLLLA	113	>JAK1-R724F NVCTKNLLLA	22639	22526
>JAK1-R724F NVCTKNLLLA	81	>JAK1-R724F NVCTKNLLLA	15220	15139

>JAK1-R724F NVCTKNLLLA	211	>JAK1-R724F NVCTKNLLLA	29889	29678
>JAK1-R724F LLAREGIDSEC	30	>JAK1-R724F LLAHEGIDSEC	59	29
>JAK1-R724F LLLAREGI	241	>JAK1-R724F LLLAHEGI	106	135
>JAK1-R724F LLLAREGI	228	>JAK1-R724F LLLAHEGI	97	131
>JAK1-R724F LLLAREGI	304	>JAK1-R724F LLLAHEGI	99	205
>JAK1-R724F LLLAREGI	164	>JAK1-R724F LLLAHEGI	94	70
>JAK1-R724F LLLAREGI	13	>JAK1-R724F LLLAHEGI	5	8
>JAK1-R724F LLLAREGI	87	>JAK1-R724F LLLAHEGI	30	57
>JAK1-R724F LLLAREGI	53	>JAK1-R724F LLLAHEGI	40	13
>JAK1-R724F LLLAREGI	105	>JAK1-R724F LLLAHEGI	46	59
>JAK1-R724F LLLAREGI	13	>JAK1-R724F LLLAHEGI	12	1
>JAK1-R724F NLLLAREGI	1138	>JAK1-R724F NLLLAHEGI	79	1059
>JAK1-R724F NLLLAREGI	1518	>JAK1-R724F NLLLAHEGI	309	1209
>JAK1-R724F NLLLAREGI	427	>JAK1-R724F NLLLAHEGI	91	336
>JAK1-R724F NLLLAREGI	748	>JAK1-R724F NLLLAHEGI	196	552
>JAK1-R724F TKNLLLAREG	365	>JAK1-R724F TKNLLLAHEG	630	265
>JAK1-R724F CTKNLLLAR	19	>JAK1-R724F CTKNLLLAH	5088	5069
>JAK1-R724F CTKNLLLAR	115	>JAK1-R724F CTKNLLLAH	20222	20107
>JAK1-R724F CTKNLLLAR	248	>JAK1-R724F CTKNLLLAH	19729	19481
>JAK1-R724F VCTKNLLLAR	416	>JAK1-R724F VCTKNLLLAH	31747	31331
>JAK1-R724C REGIDSECGP	312	>JAK1-R724C QEGIDSECGP	1883	1571
>JAK1-R724C REGIDSECGP	378	>JAK1-R724C QEGIDSECGP	2124	1746
>JAK1-R724C REGIDSECGP	352	>JAK1-R724C QEGIDSECGP	2633	2281
>JAK1-R724C NVCTKNLLLA	412	>JAK1-R724C NVCTKNLLLA	18359	17947
>JAK1-R724C NVCTKNLLLA	113	>JAK1-R724C NVCTKNLLLA	20917	20804
>JAK1-R724C NVCTKNLLLA	81	>JAK1-R724C NVCTKNLLLA	11892	11811
>JAK1-R724C NVCTKNLLLA	211	>JAK1-R724C NVCTKNLLLA	23390	23179
>JAK1-R724C LLAREGIDSEC	709	>JAK1-R724C LLAQEGIDSEC	483	226
>JAK1-R724C LLAREGIDSEC	30	>JAK1-R724C LLAQEGIDSEC	24	6
>JAK1-R724C LLLAREGI	241	>JAK1-R724C LLLAQEGI	123	118
>JAK1-R724C LLLAREGI	228	>JAK1-R724C LLLAQEGI	107	121
>JAK1-R724C LLLAREGI	304	>JAK1-R724C LLLAQEGI	264	40
>JAK1-R724C LLLAREGI	164	>JAK1-R724C LLLAQEGI	135	29
>JAK1-R724C LLLAREGI	13	>JAK1-R724C LLLAQEGI	7	6
>JAK1-R724C LLLAREGI	87	>JAK1-R724C LLLAQEGI	24	63
>JAK1-R724C LLLAREGI	53	>JAK1-R724C LLLAQEGI	22	31
>JAK1-R724C LLLAREGI	105	>JAK1-R724C LLLAQEGI	30	75
>JAK1-R724C LLLAREGI	13	>JAK1-R724C LLLAQEGI	11	2
>JAK1-R724C NLLLAREGI	1146	>JAK1-R724C NLLLAQEGI	298	848
>JAK1-R724C NLLLAREGI	1138	>JAK1-R724C NLLLAQEGI	140	998
>JAK1-R724C NLLLAREGI	1518	>JAK1-R724C NLLLAQEGI	112	1406
>JAK1-R724C NLLLAREGI	2051	>JAK1-R724C NLLLAQEGI	281	1770
>JAK1-R724C NLLLAREGI	427	>JAK1-R724C NLLLAQEGI	22	405

>JAK1-R724C NLLLAQEGI	793	>JAK1-R724C NLLLAQEGI	477	316
>JAK1-R724C NLLLAQEGI	748	>JAK1-R724C NLLLAQEGI	481	267
>JAK1-R724C TKNLLLAQEG	365	>JAK1-R724C TKNLLLAQEG	334	31
>JAK1-R724C CTKNLLLAQ	19	>JAK1-R724C CTKNLLLAQ	11171	11152
>JAK1-R724C CTKNLLLAQ	115	>JAK1-R724C CTKNLLLAQ	18916	18801
>JAK1-R724C CTKNLLLAQ	248	>JAK1-R724C CTKNLLLAQ	16498	16250
>JAK1-R724C VCTKNLLLAQ	416	>JAK1-R724C VCTKNLLLAQ	25499	25083
>JAK1-R879C RDLGEGHFGI	94	>JAK1-R879C CDLGEGHFGI	48	46
>JAK1-R879C HFEKRFLKRIR	43	>JAK1-R879C HFEKRFLKRIC	19956	19913
>JAK1-R879C HFEKRFLKRIR	182	>JAK1-R879C HFEKRFLKRIC	34012	33830
>JAK1-R879C HFEKRFLKRIR	37	>JAK1-R879C HFEKRFLKRIC	30768	30731
>JAK1-R879C RIRDLGEG	251	>JAK1-R879C RICDLGEG	12278	12027
>JAK1-R879C RIRDLGEGHF	69	>JAK1-R879C RICDLGEGHF	6081	6012
>JAK1-R879C RIRDLGEGHF	56	>JAK1-R879C RICDLGEGHF	90	34
>JAK1-R879C RIRDLGEGHF	66	>JAK1-R879C RICDLGEGHF	326	260
>JAK1-R879C RIRDLGEGHF	267	>JAK1-R879C RICDLGEGHF	833	566
>JAK1-R879C KRIRDLGEGH	151	>JAK1-R879C KRICDLGEGH	97	54
>JAK1-R879C KRIRDLGEGH	339	>JAK1-R879C KRICDLGEGH	983	644
>JAK1-R879C KRIRDLGEGH	177	>JAK1-R879C KRICDLGEGH	220	43
>JAK1-R879C KRIRDLGE	165	>JAK1-R879C KRICDLGE	278	113
>JAK1-R879C KRIRDLGEGH	290	>JAK1-R879C KRICDLGEGH	354	64
>JAK1-R879C KRIRDLGEGH	323	>JAK1-R879C KRICDLGEGH	1014	691
>JAK1-R879C FLKRIRDL	74	>JAK1-R879C FLKRICDL	20	54
>JAK1-R879C FLKRIRDLG	983	>JAK1-R879C FLKRICDLG	199	784
>JAK1-R879C FLKRIRDL	26	>JAK1-R879C FLKRICDL	12	14
>JAK1-R879C FLKRIRDL	1126	>JAK1-R879C FLKRICDL	223	903
>JAK1-R879C FLKRIRDL	2333	>JAK1-R879C FLKRICDL	242	2091
>JAK1-R879C FLKRIRDL	4904	>JAK1-R879C FLKRICDL	484	4420
>JAK1-R879C FLKRIRDL	11	>JAK1-R879C FLKRICDL	4	7
>JAK1-R879C FLKRIRDL	29	>JAK1-R879C FLKRICDL	35	6
>JAK1-R879C RFLKRIRDL	61	>JAK1-R879C RFLKRICDL	39	22
>JAK1-R879C RFLKRIRDL	564	>JAK1-R879C RFLKRICDL	262	302
>JAK1-R879C KRFLKRIRDL	528	>JAK1-R879C KRFLKRICDL	337	191
>JAK1-R879C KRFLKRIR	43	>JAK1-R879C KRFLKRIC	1010	967
>JAK1-R879C KRFLKRIRDL	19	>JAK1-R879C KRFLKRICDL	36	17
>JAK1-R879C KRFLKRIRD	333	>JAK1-R879C KRFLKRICD	565	232
>JAK1-R879C KRFLKRIRDLC	389	>JAK1-R879C KRFLKRICDLC	573	184
>JAK1-R879C KRFLKRIR	211	>JAK1-R879C KRFLKRIC	145	66
>JAK1-R879C KRFLKRIRDL	43	>JAK1-R879C KRFLKRICDL	43	0
>JAK1-R879C KRFLKRIRDLC	383	>JAK1-R879C KRFLKRICDLC	686	303
>JAK1-R879C KRFLKRIRDL	63	>JAK1-R879C KRFLKRICDL	75	12
>JAK1-R879C KRFLKRIR	58	>JAK1-R879C KRFLKRIC	30717	30659
>JAK1-R879C RDLGEGHFGI	94	>JAK1-R879C HDLGEGHFGI	86	8

>JAK1-R879F HFEKRFLKRIR	43	>JAK1-R879F HFEKRFLKRIF	8639	8596
>JAK1-R879F HFEKRFLKRIR	182	>JAK1-R879F HFEKRFLKRIF	23074	22892
>JAK1-R879F HFEKRFLKRIR	37	>JAK1-R879F HFEKRFLKRIF	13400	13363
>JAK1-R879F RIRDLGEG	251	>JAK1-R879F RIHDLGEG	2493	2242
>JAK1-R879F RIRDLGEGHF	69	>JAK1-R879F RIHDLGEGHF	523	454
>JAK1-R879F RIRDLGEGHF	56	>JAK1-R879F RIHDLGEGHF	79	23
>JAK1-R879F RIRDLGEGHF	66	>JAK1-R879F RIHDLGEGHF	197	131
>JAK1-R879F RIRDLGEGHF	267	>JAK1-R879F RIHDLGEGHF	592	325
>JAK1-R879F KRIRDLGEGH	151	>JAK1-R879F KRIHDLGEGH	68	83
>JAK1-R879F KRIRDLGEGH	339	>JAK1-R879F KRIHDLGEGH	324	15
>JAK1-R879F KRIRDLGEGH	177	>JAK1-R879F KRIHDLGEGH	276	99
>JAK1-R879F KRIRDLGE	165	>JAK1-R879F KRIHDLGE	526	361
>JAK1-R879F KRIRDLGEGH	290	>JAK1-R879F KRIHDLGEGH	417	127
>JAK1-R879F KRIRDLGEGH	323	>JAK1-R879F KRIHDLGEGH	506	183
>JAK1-R879F FLKRIRD L	74	>JAK1-R879F FLKRIHDL	13	61
>JAK1-R879F FLKRIRDLG	983	>JAK1-R879F FLKRIHDLG	359	624
>JAK1-R879F FLKRIRD L	26	>JAK1-R879F FLKRIHDL	11	15
>JAK1-R879F FLKRIRD L	1126	>JAK1-R879F FLKRIHDL	115	1011
>JAK1-R879F FLKRIRD L	2333	>JAK1-R879F FLKRIHDL	106	2227
>JAK1-R879F FLKRIRD L	11	>JAK1-R879F FLKRIHDL	3	8
>JAK1-R879F FLKRIRD L	29	>JAK1-R879F FLKRIHDL	26	3
>JAK1-R879F RFLKRIRD L	3929	>JAK1-R879F RFLKRIHDL	165	3764
>JAK1-R879F RFLKRIRD L	2517	>JAK1-R879F RFLKRIHDL	488	2029
>JAK1-R879F RFLKRIRD L	61	>JAK1-R879F RFLKRIHDL	12	49
>JAK1-R879F RFLKRIRD L	564	>JAK1-R879F RFLKRIHDL	306	258
>JAK1-R879F RFLKRIRD L	766	>JAK1-R879F RFLKRIHDL	311	455
>JAK1-R879F KRFLKRIRD L	528	>JAK1-R879F KRFLKRIHDL	407	121
>JAK1-R879F KRFLKRIR	43	>JAK1-R879F KRFLKRIH	97	54
>JAK1-R879F KRFLKRIRD L	19	>JAK1-R879F KRFLKRIHDL	16	3
>JAK1-R879F KRFLKRIRD	333	>JAK1-R879F KRFLKRIHD	547	214
>JAK1-R879F KRFLKRIRDLC	389	>JAK1-R879F KRFLKRIHDLC	562	173
>JAK1-R879F KRFLKRIR	211	>JAK1-R879F KRFLKRIH	409	198
>JAK1-R879F KRFLKRIRD L	43	>JAK1-R879F KRFLKRIHDL	37	6
>JAK1-R879F KRFLKRIRDLC	383	>JAK1-R879F KRFLKRIHDLC	552	169
>JAK1-R879F KRFLKRIRD L	63	>JAK1-R879F KRFLKRIHDL	46	17
>JAK1-R879F KRFLKRIR	58	>JAK1-R879F KRFLKRIH	18641	18583
>JAK1-R879S RDLGEGHFGI	94	>JAK1-R879S SDLGEGHFGI	83	11
>JAK1-R879S IRDLGEGHFG	15607	>JAK1-R879S ISDLGEGHFG	171	15436
>JAK1-R879S IRDLGEGHF	25555	>JAK1-R879S ISDLGEGHF	18	25537
>JAK1-R879S IRDLGEGHF	21828	>JAK1-R879S ISDLGEGHF	439	21389
>JAK1-R879S HFEKRFLKRIR	43	>JAK1-R879S HFEKRFLKRIS	16952	16909
>JAK1-R879S HFEKRFLKRIR	182	>JAK1-R879S HFEKRFLKRIS	28522	28340
>JAK1-R879S HFEKRFLKRIR	37	>JAK1-R879S HFEKRFLKRIS	18650	18613

>JAK1-R879S RIRDLGEG	251	>JAK1-R879S RISDLGEG	11892	11641
>JAK1-R879S RIRDLGEGHF	69	>JAK1-R879S RISDLGEGHF	5643	5574
>JAK1-R879S RIRDLGEGHF	56	>JAK1-R879S RISDLGEGHF	88	32
>JAK1-R879S RIRDLGEGHF	66	>JAK1-R879S RISDLGEGHF	305	239
>JAK1-R879S RIRDLGEGHF	267	>JAK1-R879S RISDLGEGHF	124	143
>JAK1-R879S KRIRDLGEGH	151	>JAK1-R879S KRISDLGEGH	103	48
>JAK1-R879S KRIRDLGEGH	339	>JAK1-R879S KRISDLGEGH	390	51
>JAK1-R879S KRIRDLGEGH	177	>JAK1-R879S KRISDLGEGH	222	45
>JAK1-R879S KRIRDLGE	165	>JAK1-R879S KRISDLGE	768	603
>JAK1-R879S KRIRDLGEGH	290	>JAK1-R879S KRISDLGEGH	454	164
>JAK1-R879S KRIRDLGEGH	323	>JAK1-R879S KRISDLGEGH	633	310
>JAK1-R879S FLKRIRDL	74	>JAK1-R879S FLKRISDL	14	60
>JAK1-R879S FLKRIRDLG	983	>JAK1-R879S FLKRISDLG	123	860
>JAK1-R879S FLKRIRDLGEC	1455	>JAK1-R879S FLKRISDLGEC	437	1018
>JAK1-R879S FLKRIRDL	26	>JAK1-R879S FLKRISDL	6	20
>JAK1-R879S FLKRIRDL	1126	>JAK1-R879S FLKRISDL	266	860
>JAK1-R879S FLKRIRDL	2333	>JAK1-R879S FLKRISDL	141	2192
>JAK1-R879S FLKRIRDL	11	>JAK1-R879S FLKRISDL	4	7
>JAK1-R879S FLKRIRDL	29	>JAK1-R879S FLKRISDL	35	6
>JAK1-R879S RFLKRIRDL	4089	>JAK1-R879S RFLKRISDL	294	3795
>JAK1-R879S RFLKRIRDL	61	>JAK1-R879S RFLKRISDL	28	33
>JAK1-R879S RFLKRIRDL	564	>JAK1-R879S RFLKRISDL	395	169
>JAK1-R879S KRFLKRIRDL	528	>JAK1-R879S KRFLKRISDL	163	365
>JAK1-R879S KRFLKRIR	43	>JAK1-R879S KRFLKRIS	276	233
>JAK1-R879S KRFLKRIRDL	19	>JAK1-R879S KRFLKRISDL	19	0
>JAK1-R879S KRFLKRIRD	333	>JAK1-R879S KRFLKRISD	424	91
>JAK1-R879S KRFLKRIRDLC	389	>JAK1-R879S KRFLKRISDLG	585	196
>JAK1-R879S KRFLKRIR	211	>JAK1-R879S KRFLKRIS	727	516
>JAK1-R879S KRFLKRIRDL	43	>JAK1-R879S KRFLKRISDL	67	24
>JAK1-R879S KRFLKRIRDLC	383	>JAK1-R879S KRFLKRISDLG	727	344
>JAK1-R879S KRFLKRIRDL	63	>JAK1-R879S KRFLKRISDL	69	6
>JAK1-R879S KRFLKRIR	58	>JAK1-R879S KRFLKRIS	21578	21520
>JAK1-S512L·SDRSFPSL	468	>JAK1-S512L·LDRSFPSL	537	69
>JAK1-S512L·GSDRSFPSL	15102	>JAK1-S512L·GLDRSFPSL	64	15038
>JAK1-S512L·GSDRSFPSL	17216	>JAK1-S512L·GLDRSFPSL	166	17050
>JAK1-S512L·GSDRSFPSL	1552	>JAK1-S512L·GLDRSFPSL	37	1515
>JAK1-S512L·GSDRSFPSL	11165	>JAK1-S512L·GLDRSFPSL	19	11146
>JAK1-S512L·GSDRSFPSL	16653	>JAK1-S512L·GLDRSFPSL	11	16642
>JAK1-S512L·GSDRSFPSL	12479	>JAK1-S512L·GLDRSFPSL	11	12468
>JAK1-S512L·GSDRSFPSL	22110	>JAK1-S512L·GLDRSFPSL	242	21868
>JAK1-S512L·GSDRSFPSL	16144	>JAK1-S512L·GLDRSFPSL	8	16136
>JAK1-S512L·GSDRSFPSL	453	>JAK1-S512L·GLDRSFPSL	18262	17809
>JAK1-S512L·VQKGRYSLHC	5703	>JAK1-S512L·VQKGRYSLHC	163	5540

>JAK1-S512L·VQKGRYSLHC	5860	>JAK1-S512L·VQKGRYSLHC	195	5665
>JAK1-S512L·VQKGRYSLHC	10976	>JAK1-S512L·VQKGRYSLHC	437	10539
>JAK1-S512L·LHGSDRSF	102	>JAK1-S512L·LHGLDRSF	650	548
>JAK1-S512L·LHGSDRSFPS	464	>JAK1-S512L·LHGLDRSFPS	1891	1427
>JAK1-S512L·SLHGSDRSF	528	>JAK1-S512L·SLHGLDRSF	92	436
>JAK1-S512L·SLHGSDRSF	64	>JAK1-S512L·SLHGLDRSF	90	26
>JAK1-S512L·SLHGSDRSF	25	>JAK1-S512L·SLHGLDRSF	92	67
>JAK1-S512L·SLHGSDRSF	184	>JAK1-S512L·SLHGLDRSF	1060	876
>JAK1-S512L·YSLHGSDRSF	1246	>JAK1-S512L·YSLHGLDRSF	351	895
>JAK1-S512L·YSLHGSDR	246	>JAK1-S512L·YSLHGLDR	598	352
>JAK1-S512L·YSLHGSDRSF	73	>JAK1-S512L·YSLHGLDRSF	141	68
>JAK1-S512L·YSLHGSDRSF	263	>JAK1-S512L·YSLHGLDRSF	975	712
>JAK1-S512L·YSLHGSDRSF	14	>JAK1-S512L·YSLHGLDRSF	27	13
>JAK1-S512L·YSLHGSDRSF	3	>JAK1-S512L·YSLHGLDRSF	4	1
>JAK1-S512L·YSLHGSDRSF	207	>JAK1-S512L·YSLHGLDRSF	237	30
>JAK1-S512L·YSLHGSDRSF	199	>JAK1-S512L·YSLHGLDRSF	267	68
>JAK1-S512L·RYSLHGSDRS	258	>JAK1-S512L·RYSLHGLDRS	206	52
>JAK1-S512L·RYSLHGSDRS	10	>JAK1-S512L·RYSLHGLDRS	9	1
>JAK1-S512L·RYSLHGSDR	70	>JAK1-S512L·RYSLHGLDR	186	116
>JAK1-S512L·RYSLHGSDRS	280	>JAK1-S512L·RYSLHGLDRS	551	271
>JAK1-S512L·RYSLHGSDR	77	>JAK1-S512L·RYSLHGLDR	25	52
>JAK1-S512L·GRYSLHGS	240	>JAK1-S512L·GRYSLHGL	28	212
>JAK1-S512L·GRYSLHGSDF	37	>JAK1-S512L·GRYSLHGLDR	27	10
>JAK1-S512L·GRYSLHGS	6575	>JAK1-S512L·GRYSLHGL	227	6348
>JAK1-S512L·GRYSLHGS	8412	>JAK1-S512L·GRYSLHGL	199	8213
>JAK1-S512L·GRYSLHGSDF	1312	>JAK1-S512L·GRYSLHGLDR	387	925
>JAK1-S512L·KGRYSLHGS	211	>JAK1-S512L·KGRYSLHGL	51	160
>JAK1-S512L·KGRYSLHGSD	300	>JAK1-S512L·KGRYSLHGLD	155	145
>JAK1-S512L·KGRYSLHGSD	191	>JAK1-S512L·KGRYSLHGLD	376	185
>JAK1-S512L·KGRYSLHGS	11424	>JAK1-S512L·KGRYSLHGL	55	11369
>JAK1-S512L·KGRYSLHGSD	1363	>JAK1-S512L·KGRYSLHGLD	403	960
>JAK1-S512L·QKGRYSLHGSD	10965	>JAK1-S512L·QKGRYSLHGL	447	10518
>JAK1-S646F·SHKHIVYL	5117	>JAK1-S646F·FHKHIVYL	448	4669
>JAK1-S646F·SHKHIVYLYG\	3167	>JAK1-S646F·FHKHIVYLYG\	211	2956
>JAK1-S646F·SHKHIVYLY	49	>JAK1-S646F·FHKHIVYLY	16	33
>JAK1-S646F·SHKHIVYLY	49	>JAK1-S646F·FHKHIVYLY	221	172
>JAK1-S646F·SHKHIVYLY	43	>JAK1-S646F·FHKHIVYLY	99	56
>JAK1-S646F·SHKHIVYL	568	>JAK1-S646F·FHKHIVYL	136	432
>JAK1-S646F·SHKHIVYLY	292	>JAK1-S646F·FHKHIVYLY	69	223
>JAK1-S646F·SHKHIVYLY	367	>JAK1-S646F·FHKHIVYLY	213	154
>JAK1-S646F·VSHKHIVYL	138	>JAK1-S646F·VFHKHIVYL	624	486
>JAK1-S646F·VSHKHIVYLY	408	>JAK1-S646F·VFHKHIVYLY	2072	1664
>JAK1-S646F·VSHKHIVYL	9903	>JAK1-S646F·VFHKHIVYL	24	9879



>JAK1-S646F VSHKHIVY	436	>JAK1-S646F VFHKHIVY	4943	4507
>JAK1-S646F VSHKHIVYLY	335	>JAK1-S646F VFHKHIVYLY	5123	4788
>JAK1-S646F VSHKHIVY	1223	>JAK1-S646F VFHKHIVY	83	1140
>JAK1-S646F VSHKHIVYLY	175	>JAK1-S646F VFHKHIVYLY	48	127
>JAK1-S646F VSHKHIVYL	305	>JAK1-S646F VFHKHIVYL	1092	787
>JAK1-S646F VSHKHIVY	279	>JAK1-S646F VFHKHIVY	1151	872
>JAK1-S646F VSHKHIVYLY	24	>JAK1-S646F VFHKHIVYLY	63	39
>JAK1-S646F VSHKHIVYLY	116	>JAK1-S646F VFHKHIVYLY	52	64
>JAK1-S646F VSHKHIVY	123	>JAK1-S646F VFHKHIVY	1000	877
>JAK1-S646F VSHKHIVYLY	371	>JAK1-S646F VFHKHIVYLY	3161	2790
>JAK1-S646F VSHKHIVY	76	>JAK1-S646F VFHKHIVY	2297	2221
>JAK1-S646F VSHKHIVYL	308	>JAK1-S646F VFHKHIVYL	5120	4812
>JAK1-S646F VSHKHIVYLY	175	>JAK1-S646F VFHKHIVYLY	3631	3456
>JAK1-S646F VSHKHIVY	8	>JAK1-S646F VFHKHIVY	21917	21909
>JAK1-S646F VSHKHIVYL	67	>JAK1-S646F VFHKHIVYL	25408	25341
>JAK1-S646F VSHKHIVYLY	11	>JAK1-S646F VFHKHIVYLY	21727	21716
>JAK1-S646F VSHKHIVYL	163	>JAK1-S646F VFHKHIVYL	7065	6902
>JAK1-S646F VSHKHIVY	238	>JAK1-S646F VFHKHIVY	17860	17622
>JAK1-S646F VSHKHIVYLY	459	>JAK1-S646F VFHKHIVYLY	18870	18411
>JAK1-S646F FEAASMMRC	8216	>JAK1-S646F FEAASMMRC	353	7863
>JAK1-S646F FEAASMMRC	14150	>JAK1-S646F FEAASMMRC	98	14052
>JAK1-S646F FEAASMMRC	8896	>JAK1-S646F FEAASMMRC	14	8882
>JAK1-S646F FEAASMMRC	3135	>JAK1-S646F FEAASMMRC	37	3098
>JAK1-S646F FEAASMMRC	9578	>JAK1-S646F FEAASMMRC	151	9427
>JAK1-S646F FEAASMMRC	638	>JAK1-S646F FEAASMMRC	121	517
>JAK1-S646F FEAASMMRC	7600	>JAK1-S646F FEAASMMRC	410	7190
>JAK1-S646F FEAASMMRC	12277	>JAK1-S646F FEAASMMRC	487	11790
>JAK1-S646F FEAASMMRC	1768	>JAK1-S646F FEAASMMRC	63	1705
>JAK1-S646F QVSHKHIVYL	729	>JAK1-S646F QVFHKHIVYL	368	361
>JAK1-S646F QVSHKHIVYL	921	>JAK1-S646F QVFHKHIVYL	352	569
>JAK1-S646F QVSHKHIV	2128	>JAK1-S646F QVFHKHIV	440	1688
>JAK1-S646F QVSHKHIVYL	3042	>JAK1-S646F QVFHKHIVYL	271	2771
>JAK1-S646F QVSHKHIV	461	>JAK1-S646F QVFHKHIV	125	336
>JAK1-S646F QVSHKHIVYL	1740	>JAK1-S646F QVFHKHIVYL	343	1397
>JAK1-S646F QVSHKHIVYL	412	>JAK1-S646F QVFHKHIVYL	133	279
>JAK1-S646F QVSHKHIVY	90	>JAK1-S646F QVFHKHIVY	29	61
>JAK1-S646F QVSHKHIVYL	13	>JAK1-S646F QVFHKHIVYL	7	6
>JAK1-S646F QVSHKHIVYL	2079	>JAK1-S646F QVFHKHIVYL	436	1643
>JAK1-S646F QVSHKHIVYL	75	>JAK1-S646F QVFHKHIVYL	82	7
>JAK1-S646F QVSHKHIVY	5142	>JAK1-S646F QVFHKHIVY	466	4676
>JAK1-S646F QVSHKHIVYL	3883	>JAK1-S646F QVFHKHIVYL	238	3645
>JAK1-S646F QVSHKHIVYL	1857	>JAK1-S646F QVFHKHIVYL	109	1748
>JAK1-S646F QVSHKHIVYL	490	>JAK1-S646F QVFHKHIVYL	68	422

>JAK1-S646F QVSHKHIV	84	>JAK1-S646F QVFHKKHIV	21	63
>JAK1-S646F QVSHKHIVYL	1148	>JAK1-S646F QVFHKKHIVYL	464	684
>JAK1-S646F QVSHKHIV	1300	>JAK1-S646F QVFHKKHIV	199	1101
>JAK1-S646F QVSHKHIVYL	2274	>JAK1-S646F QVFHKKHIVYL	447	1827
>JAK1-S646F QVSHKHIVY	193	>JAK1-S646F QVFHKKHIVY	85	108
>JAK1-S646F QVSHKHIVYL	17	>JAK1-S646F QVFHKKHIVYL	11	6
>JAK1-S646F QVSHKHIVY	266	>JAK1-S646F QVFHKKHIVY	130	136
>JAK1-S646F QVSHKHIVYL	1069	>JAK1-S646F QVFHKKHIVYL	426	643
>JAK1-S646F QVSHKHIVY	959	>JAK1-S646F QVFHKKHIVY	192	767
>JAK1-S646F QVSHKHIVYL	2163	>JAK1-S646F QVFHKKHIVYL	377	1786
>JAK1-S646F QVSHKHIVY	543	>JAK1-S646F QVFHKKHIVY	73	470
>JAK1-S646F QVSHKHIVYL	872	>JAK1-S646F QVFHKKHIVYL	156	716
>JAK1-S646F QVSHKHIVY	339	>JAK1-S646F QVFHKKHIVY	242	97
>JAK1-S646F QVSHKHIVYL	578	>JAK1-S646F QVFHKKHIVYL	422	156
>JAK1-S646F QVSHKHIVY	978	>JAK1-S646F QVFHKKHIVY	208	770
>JAK1-S646F QVSHKHIVYL	457	>JAK1-S646F QVFHKKHIVYL	98	359
>JAK1-S646F QVSHKHIVYL	172	>JAK1-S646F QVFHKKHIVYL	131	41
>JAK1-S646F RQVSHKHIVY	212	>JAK1-S646F RQVFHKKHIVY	305	93
>JAK1-S646F RQVSHKHIV	246	>JAK1-S646F RQVFHKKHIV	277	31
>JAK1-S646F RQVSHKHIVY	315	>JAK1-S646F RQVFHKKHIVY	356	41
>JAK1-S646F RQVSHKHI	189	>JAK1-S646F RQVFHKKHI	251	62
>JAK1-S646F RQVSHKHIV	51	>JAK1-S646F RQVFHKKHIV	67	16
>JAK1-S646F RQVSHKHIVY	17	>JAK1-S646F RQVFHKKHIVY	26	9
>JAK1-S646F RQVSHKHIVY	382	>JAK1-S646F RQVFHKKHIVY	604	222
>JAK1-S646F RQVSHKHIVY	769	>JAK1-S646F RQVFHKKHIVY	266	503
>JAK1-S646F RQVSHKHIVY	232	>JAK1-S646F RQVFHKKHIVY	152	80
>JAK1-S646F RQVSHKHIVY	413	>JAK1-S646F RQVFHKKHIVY	449	36
>JAK1-S646F RQVSHKHI	346	>JAK1-S646F RQVFHKKHI	513	167
>JAK1-S646F RQVSHKHIVY	46	>JAK1-S646F RQVFHKKHIVY	57	11
>JAK1-S646F RQVSHKHIVY	202	>JAK1-S646F RQVFHKKHIVY	257	55
>JAK1-S646F RQVSHKHI	21	>JAK1-S646F RQVFHKKHI	57	36
>JAK1-S646F RQVSHKHIV	42	>JAK1-S646F RQVFHKKHIV	174	132
>JAK1-S646F RQVSHKHIVY	4	>JAK1-S646F RQVFHKKHIVY	8	4
>JAK1-S646F RQVSHKHIVY	13	>JAK1-S646F RQVFHKKHIVY	27	14
>JAK1-S646F RQVSHKHIVY	299	>JAK1-S646F RQVFHKKHIVY	353	54
>JAK1-S646F RQVSHKHIVY	374	>JAK1-S646F RQVFHKKHIVY	677	303
>JAK1-S646F RQVSHKHIV	470	>JAK1-S646F RQVFHKKHIV	2843	2373
>JAK1-S646F RQVSHKHIVY	279	>JAK1-S646F RQVFHKKHIVY	1138	859
>JAK1-S646F RQVSHKHIVY	172	>JAK1-S646F RQVFHKKHIVY	163	9
>JAK1-S646F RQVSHKHIVY	87	>JAK1-S646F RQVFHKKHIVY	84	3
>JAK1-S646F RQVSHKHI	1243	>JAK1-S646F RQVFHKKHI	478	765
>JAK1-S646F RQVSHKHIVY	327	>JAK1-S646F RQVFHKKHIVY	272	55
>JAK1-S646F RQVSHKHIV	1048	>JAK1-S646F RQVFHKKHIV	391	657

>JAK1-S646F RQVSHKHIVY	75	>JAK1-S646F RQVFHKHIVY	40	35
>JAK1-S646F MRQVSHKHI	150	>JAK1-S646F MRQVFHKHI	294	144
>JAK1-S646F MRQVSHKHI'	34	>JAK1-S646F MRQVFHKHI'	48	14
>JAK1-S646F MRQVSHKH	562	>JAK1-S646F MRQVFHKH	184	378
>JAK1-S646F MRQVSHKHI	619	>JAK1-S646F MRQVFHKHI	170	449
>JAK1-S646F MRQVSHKHI'	594	>JAK1-S646F MRQVFHKHI'	308	286
>JAK1-S646F MRQVSHKHI'	212	>JAK1-S646F MRQVFHKHI'	229	17
>JAK1-S646F MRQVSHKHI'	1149	>JAK1-S646F MRQVFHKHI'	479	670
>JAK1-S646F MRQVSHKHI	847	>JAK1-S646F MRQVFHKHI	125	722
>JAK1-S646F MRQVSHKHI'	311	>JAK1-S646F MRQVFHKHI'	276	35
>JAK1-S646F MRQVSHKHI'	766	>JAK1-S646F MRQVFHKHI'	257	509
>JAK1-S646F MMRQVSHKI	530	>JAK1-S646F MMRQVFHKI	433	97
>JAK1-S646F MMRQVSHKI	58	>JAK1-S646F MMRQVFHKI	72	14
>JAK1-S646F MMRQVSHKI	393	>JAK1-S646F MMRQVFHKI	361	32
>JAK1-S646F MMRQVSHKI	8	>JAK1-S646F MMRQVFHKI	8	0
>JAK1-S646F MMRQVSHKI	579	>JAK1-S646F MMRQVFHKI	196	383
>JAK1-S646F MMRQVSHKI	61	>JAK1-S646F MMRQVFHKI	38	23
>JAK1-S646F MMRQVSHKI	6	>JAK1-S646F MMRQVFHKI	6	0
>JAK1-S646F MMRQVSHKI	29	>JAK1-S646F MMRQVFHKI	33	4
>JAK1-S646F MMRQVSHKI	35	>JAK1-S646F MMRQVFHKI	40	5
>JAK1-S646F MMRQVSHKI	142	>JAK1-S646F MMRQVFHKI	211	69
>JAK1-S646F MMRQVSHKI	56	>JAK1-S646F MMRQVFHKI	47	9
>JAK1-S646F MMRQVSHKI	2	>JAK1-S646F MMRQVFHKI	2	0
>JAK1-S646F MMRQVSHK	37	>JAK1-S646F MMRQVFHK	34	3
>JAK1-S646F MMRQVSHKI	479	>JAK1-S646F MMRQVFHKI	417	62
>JAK1-S646F MMRQVSHK	547	>JAK1-S646F MMRQVFHK	98	449
>JAK1-S646F MMRQVSHK	5	>JAK1-S646F MMRQVFHK	5	0
>JAK1-S646F MMRQVSHKI	19	>JAK1-S646F MMRQVFHKI	25	6
>JAK1-S646F MMRQVSHKI	87	>JAK1-S646F MMRQVFHKI	117	30
>JAK1-S646F MMRQVSHK	62	>JAK1-S646F MMRQVFHK	16	46
>JAK1-S646F MMRQVSHKI	1564	>JAK1-S646F MMRQVFHKI	304	1260
>JAK1-S646F MMRQVSHK	328	>JAK1-S646F MMRQVFHK	89	239
>JAK1-S646F MMRQVSHK	226	>JAK1-S646F MMRQVFHK	130	96
>JAK1-S646F MMRQVSHKI	69	>JAK1-S646F MMRQVFHKI	33	36
>JAK1-S646F MMRQVSHKI	180	>JAK1-S646F MMRQVFHKI	247	67
>JAK1-S646F MMRQVSHK	297	>JAK1-S646F MMRQVFHK	590	293
>JAK1-S646F MMRQVSHKI	70	>JAK1-S646F MMRQVFHKI	75	5
>JAK1-S646F MMRQVSHKI	166	>JAK1-S646F MMRQVFHKI	187	21
>JAK1-S646F MMRQVSHK	1981	>JAK1-S646F MMRQVFHK	341	1640
>JAK1-S646F SMMRQVSHI	343	>JAK1-S646F SMMRQVFHI	133	210
>JAK1-S646F SMMRQVSHI	460	>JAK1-S646F SMMRQVFHI	176	284
>JAK1-S646F SMMRQVSHI	193	>JAK1-S646F SMMRQVFHI	92	101
>JAK1-S646F SMMRQVSHI	28	>JAK1-S646F SMMRQVFHI	31	3

>JAK1-S646F-SMMRQVSHI	601	>JAK1-S646F-SMMRQVFHI	265	336
>JAK1-S646F-SMMRQVSHI	22	>JAK1-S646F-SMMRQVFHI	12	10
>JAK1-S646F-SMMRQVSHI	42	>JAK1-S646F-SMMRQVFHI	34	8
>JAK1-S646F-SMMRQVSHI	74	>JAK1-S646F-SMMRQVFHI	54	20
>JAK1-S646F-SMMRQVSHI	403	>JAK1-S646F-SMMRQVFHI	241	162
>JAK1-S646F-SMMRQVSHI	38	>JAK1-S646F-SMMRQVFHI	30	8
>JAK1-S646F-SMMRQVSH	474	>JAK1-S646F-SMMRQVFH	170	304
>JAK1-S646F-SMMRQVSHI	32	>JAK1-S646F-SMMRQVFHI	30	2
>JAK1-S646F-SMMRQVSH	1006	>JAK1-S646F-SMMRQVFH	144	862
>JAK1-S646F-SMMRQVSHI	10	>JAK1-S646F-SMMRQVFHI	6	4
>JAK1-S646F-SMMRQVSHI	33	>JAK1-S646F-SMMRQVFHI	26	7
>JAK1-S646F-SMMRQVSH	2788	>JAK1-S646F-SMMRQVFH	389	2399
>JAK1-S646F-SMMRQVSHI	86	>JAK1-S646F-SMMRQVFHI	18	68
>JAK1-S646F-SMMRQVSHI	951	>JAK1-S646F-SMMRQVFHI	243	708
>JAK1-S646F-SMMRQVSHI	606	>JAK1-S646F-SMMRQVFHI	260	346
>JAK1-S646F-SMMRQVSHI	119	>JAK1-S646F-SMMRQVFHI	139	20
>JAK1-S646F-SMMRQVSH	414	>JAK1-S646F-SMMRQVFH	2123	1709
>JAK1-S646F-SMMRQVSHI	252	>JAK1-S646F-SMMRQVFHI	429	177
>JAK1-S646F-SMMRQVSH	228	>JAK1-S646F-SMMRQVFH	868	640
>JAK1-S646F-SMMRQVSHI	338	>JAK1-S646F-SMMRQVFHI	1324	986
>JAK1-S646F-SMMRQVSHI	58	>JAK1-S646F-SMMRQVFHI	110	52
>JAK1-S646F-SMMRQVSHI	1117	>JAK1-S646F-SMMRQVFHI	169	948
>JAK1-S646F-SMMRQVSHI	476	>JAK1-S646F-SMMRQVFHI	426	50
>JAK1-S646F-ASMMRQVSI	15	>JAK1-S646F-ASMMRQVFI	20	5
>JAK1-S646F-ASMMRQVSI	628	>JAK1-S646F-ASMMRQVFI	99	529
>JAK1-S646F-ASMMRQVSI	8	>JAK1-S646F-ASMMRQVFI	5	3
>JAK1-S646F-ASMMRQVSI	419	>JAK1-S646F-ASMMRQVFI	181	238
>JAK1-S646F-ASMMRQVSI	14	>JAK1-S646F-ASMMRQVFI	12	2
>JAK1-S646F-ASMMRQVSI	3131	>JAK1-S646F-ASMMRQVFI	473	2658
>JAK1-S646F-ASMMRQVSI	243	>JAK1-S646F-ASMMRQVFI	63	180
>JAK1-S646F-ASMMRQVS	17493	>JAK1-S646F-ASMMRQVF	164	17329
>JAK1-S646F-ASMMRQVSI	333	>JAK1-S646F-ASMMRQVFI	195	138
>JAK1-S646F-ASMMRQVS	11689	>JAK1-S646F-ASMMRQVF	72	11617
>JAK1-S646F-ASMMRQVS	5539	>JAK1-S646F-ASMMRQVF	13	5526
>JAK1-S646F-ASMMRQVS	7895	>JAK1-S646F-ASMMRQVF	4	7891
>JAK1-S646F-ASMMRQVS	20401	>JAK1-S646F-ASMMRQVF	232	20169
>JAK1-S646F-ASMMRQVS	19818	>JAK1-S646F-ASMMRQVF	425	19393
>JAK1-S646F-ASMMRQVSI	384	>JAK1-S646F-ASMMRQVFI	280	104
>JAK1-S646F-ASMMRQVSI	75	>JAK1-S646F-ASMMRQVFI	49	26
>JAK1-S646F-ASMMRQVSI	334	>JAK1-S646F-ASMMRQVFI	136	198
>JAK1-S646F-AASMMRQV:	62	>JAK1-S646F-AASMMRQVI	31	31
>JAK1-S646F-AASMMRQV:	62	>JAK1-S646F-AASMMRQVI	53	9
>JAK1-S646F-AASMMRQV:	1124	>JAK1-S646F-AASMMRQVI	238	886

>JAK1-S646F AASMMRQV	590	>JAK1-S646F AASMMRQV	379	211
>JAK1-S646F AASMMRQV	15730	>JAK1-S646F AASMMRQV	138	15592
>JAK1-S646F AASMMRQV	12531	>JAK1-S646F AASMMRQV	43	12488
>JAK1-S646F AASMMRQV	16032	>JAK1-S646F AASMMRQV	38	15994
>JAK1-S646F AASMMRQV	17778	>JAK1-S646F AASMMRQV	429	17349
>JAK1-S646F AASMMRQV	1005	>JAK1-S646F AASMMRQV	353	652
>JAK1-S646F EAASMMRQ	11817	>JAK1-S646F EAASMMRQ	101	11716
>JAK1-S646F EAASMMRQ	722	>JAK1-S646F EAASMMRQ	139	583
>JAK1-S646F EAASMMRQ	21634	>JAK1-S646F EAASMMRQ	362	21272
>JAK1-S646F EAASMMRQ	21952	>JAK1-S646F EAASMMRQ	327	21625
>JAK1-S771C SVAADKWSF	301	>JAK1-S771C CVAADKWSF	1670	1369
>JAK1-S771C SVAADKWSF	210	>JAK1-S771C CVAADKWSF	1269	1059
>JAK1-S771C SVAADKWSF	979	>JAK1-S771C CVAADKWSF	199	780
>JAK1-S771C SVAADKWSF	282	>JAK1-S771C CVAADKWSF	1146	864
>JAK1-S771C SVAADKWSF	253	>JAK1-S771C CVAADKWSF	555	302
>JAK1-S771C SVAADKWSF	444	>JAK1-S771C CVAADKWSF	3139	2695
>JAK1-S771C SVAADKWSF	1274	>JAK1-S771C CVAADKWSF	386	888
>JAK1-S771C LSVAADKWSI	186	>JAK1-S771C LCVAADKWS	7721	7535
>JAK1-S771C LSVAADKWSI	76	>JAK1-S771C LCVAADKWS	610	534
>JAK1-S771C LSVAADKW	4	>JAK1-S771C LCVAADKW	696	692
>JAK1-S771C LSVAADKWSI	6	>JAK1-S771C LCVAADKWS	3143	3137
>JAK1-S771C LSVAADKW	35	>JAK1-S771C LCVAADKW	1615	1580
>JAK1-S771C LSVAADKWSI	69	>JAK1-S771C LCVAADKWS	9067	8998
>JAK1-S771C LSVAADKW	10	>JAK1-S771C LCVAADKW	451	441
>JAK1-S771C LSVAADKWSI	30	>JAK1-S771C LCVAADKWS	4770	4740
>JAK1-S771C LSVAADKWSI	69	>JAK1-S771C LCVAADKWS	4475	4406
>JAK1-S771C LSVAADKW	339	>JAK1-S771C LCVAADKW	489	150
>JAK1-S771C LSVAADKW	66	>JAK1-S771C LCVAADKW	779	713
>JAK1-S771C NLSVAADK	354	>JAK1-S771C NLCVAADK	690	336
>JAK1-S771C KNLSVAADKV	295	>JAK1-S771C KNLCVAADKV	748	453
>JAK1-S771C KNLSVAADKV	53	>JAK1-S771C KNLCVAADKV	114	61
>JAK1-S771C SKNLSVAA	378	>JAK1-S771C SKNLCVAA	978	600
>JAK1-S771C DSKNLSVAAE	202	>JAK1-S771C DSKNLCVAAE	211	9
>JAK1-S771C VEDSKNLSVA	762	>JAK1-S771C VEDSKNLCVA	487	275
>JAK1-S771C CVEDSKNLSV	210	>JAK1-S771C CVEDSKNLCV	733	523
>JAK1-S771C ECVEDSKNLS	99	>JAK1-S771C ECVEDSKNLC	656	557
>JAK1-T478S TVTCFEKSEQ	1013	>JAK1-T478S SVTCFEKSEQ	465	548
>JAK1-T478S TVTCFEKSEQ	762	>JAK1-T478S SVTCFEKSEQ	140	622
>JAK1-T478S TVTCFEKSEQ	2584	>JAK1-T478S SVTCFEKSEQ	322	2262
>JAK1-T478S TVTCFEKSEQ	320	>JAK1-T478S SVTCFEKSEQ	72	248
>JAK1-T478S TVTCFEKSEQ	20	>JAK1-T478S SVTCFEKSEQ	50	30
>JAK1-T478S TVTCFEKSEQ	156	>JAK1-T478S SVTCFEKSEQ	238	82
>JAK1-T478S MTVTCFEK	219	>JAK1-T478S MSVTCFEK	397	178

>JAK1-T478S MTVTCFEK	15	>JAK1-T478S MSVTCFEK	15	0
>JAK1-T478S MTVTCFEK	251	>JAK1-T478S MSVTCFEK	530	279
>JAK1-T478S MTVTCFEK	56	>JAK1-T478S MSVTCFEK	105	49
>JAK1-T478S MTVTCFEK	3	>JAK1-T478S MSVTCFEK	9	6
>JAK1-T478S MTVTCFEKSE	198	>JAK1-T478S MSVTCFEKSE	1379	1181
>JAK1-T478S MTVTCFEKS	28	>JAK1-T478S MSVTCFEKS	302	274
>JAK1-T478S MTVTCFEKSE	296	>JAK1-T478S MSVTCFEKSE	830	534
>JAK1-T478S MTVTCFEK	263	>JAK1-T478S MSVTCFEK	327	64
>JAK1-T478S LMTVTCFEK	256	>JAK1-T478S LMSVTCFEK	96	160
>JAK1-T478S LMTVTCFEK	38	>JAK1-T478S LMSVTCFEK	20	18
>JAK1-T478S LMTVTCFEK	149	>JAK1-T478S LMSVTCFEK	119	30
>JAK1-T478S LMTVTCFEK	107	>JAK1-T478S LMSVTCFEK	112	5
>JAK1-T478S ILMTVTCFEK	567	>JAK1-T478S ILMSVTCFEK	499	68
>JAK1-T478S ILMTVTCF	223	>JAK1-T478S ILMSVTCF	109	114
>JAK1-T478S ILMTVTCFE	344	>JAK1-T478S ILMSVTCFE	138	206
>JAK1-T478S ILMTVTCFEK!	95	>JAK1-T478S ILMSVTCFEK!	48	47
>JAK1-T478S ILMTVTCFEK!	1031	>JAK1-T478S ILMSVTCFEK!	492	539
>JAK1-T478S ILMTVTCFEK	759	>JAK1-T478S ILMSVTCFEK	407	352
>JAK1-T478S ILMTVTCFEK	13	>JAK1-T478S ILMSVTCFEK	11	2
>JAK1-T478S ILMTVTCFEK	10	>JAK1-T478S ILMSVTCFEK	9	1
>JAK1-T478S ILMTVTCF	1362	>JAK1-T478S ILMSVTCF	462	900
>JAK1-T478S ILMTVTCFEK	176	>JAK1-T478S ILMSVTCFEK	199	23
>JAK1-T478S ILMTVTCF	229	>JAK1-T478S ILMSVTCF	231	2
>JAK1-T478S ILMTVTCFEK	69	>JAK1-T478S ILMSVTCFEK	47	22
>JAK1-T478S ILMTVTCF	78	>JAK1-T478S ILMSVTCF	49	29
>JAK1-T478S ILMTVTCF	663	>JAK1-T478S ILMSVTCF	356	307
>JAK1-T478S ILMTVTCF	10	>JAK1-T478S ILMSVTCF	7	3
>JAK1-T478S ILMTVTCFEK	417	>JAK1-T478S ILMSVTCFEK	283	134
>JAK1-T478S NILMTVTCFE	90	>JAK1-T478S NILMSVTCFE	61	29
>JAK1-T478S NILMTVTCFE	73	>JAK1-T478S NILMSVTCFE	61	12
>JAK1-T478S NILMTVTCF	114	>JAK1-T478S NILMSVTCF	76	38
>JAK1-T478S FDNILMTVTC	562	>JAK1-T478S FDNILMSVTC	447	115
>JAK1-T478S FDNILMTV	797	>JAK1-T478S FDNILMSV	415	382
>JAK1-T478S FDNILMTVT	310	>JAK1-T478S FDNILMSVT	364	54
>JAK1-T478S FDNILMTVTC	225	>JAK1-T478S FDNILMSVTC	216	9
>JAK1-T478S FDNILMTV	79	>JAK1-T478S FDNILMSV	170	91
>JAK1-T478S TDFDNILMTV	248	>JAK1-T478S TDFDNILMSV	285	37
>JAK1-T478S TDFDNILMTV	331	>JAK1-T478S TDFDNILMSV	1337	1006
>JAK1-T478S TDFDNILMTV	55	>JAK1-T478S TDFDNILMSV	117	62
>JAK1-T478S CTDFDNILMT	73	>JAK1-T478S CTDFDNILMS	87	14
>JAK1-T478S CTDFDNILMT	375	>JAK1-T478S CTDFDNILMS	369	6
>JAK1-T478S CTDFDNILMT	477	>JAK1-T478S CTDFDNILMS	756	279
>JAK1-T478S CTDFDNILMT	218	>JAK1-T478S CTDFDNILMS	163	55

>JAK1-T478S CTDFDNILMT	141	>JAK1-T478S CTDFDNILMS	116	25
>JAK1-T593N TRTHIYSGTL	1282	>JAK1-T593N MRTHIYSGTL	270	1012
>JAK1-T593N TRTHIYSGTLM	458	>JAK1-T593N MRTHIYSGTL	59	399
>JAK1-T593N TRTHIYSGTL	332	>JAK1-T593N MRTHIYSGTL	61	271
>JAK1-T593N TRTHIYSGTLM	197	>JAK1-T593N MRTHIYSGTL	78	119
>JAK1-T593N TRTHIYSGTL	427	>JAK1-T593N MRTHIYSGTL	324	103
>JAK1-T593N TRTHIYSGTLM	366	>JAK1-T593N MRTHIYSGTL	116	250
>JAK1-T593N TRTHIYSGTL	328	>JAK1-T593N MRTHIYSGTL	114	214
>JAK1-T593N TRTHIYSGTLM	595	>JAK1-T593N MRTHIYSGTL	454	141
>JAK1-T593N GTRTHIYSGTI	6237	>JAK1-T593N GMRTHIYSGTI	250	5987
>JAK1-T593N GTRTHIYSGT	3523	>JAK1-T593N GMRTHIYSGTI	373	3150
>JAK1-T593N GTRTHIYSGTI	1498	>JAK1-T593N GMRTHIYSGTI	22	1476
>JAK1-T593N GTRTHIYSGTI	8540	>JAK1-T593N GMRTHIYSGTI	100	8440
>JAK1-T593N GTRTHIYSGTI	11009	>JAK1-T593N GMRTHIYSGTI	104	10905
>JAK1-T593N GTRTHIYSGTI	14996	>JAK1-T593N GMRTHIYSGTI	46	14950
>JAK1-T593N GTRTHIYS	39	>JAK1-T593N GMRTHIYS	210	171
>JAK1-T593N GTRTHIYSG	194	>JAK1-T593N GMRTHIYSG	1485	1291
>JAK1-T593N GTRTHIYSGTI	44	>JAK1-T593N GMRTHIYSGTI	385	341
>JAK1-T593N GTRTHIYSGTI	2069	>JAK1-T593N GMRTHIYSGTI	142	1927
>JAK1-T593N GTRTHIYSGTI	3671	>JAK1-T593N GMRTHIYSGTI	215	3456
>JAK1-T593N GTRTHIYSGTI	4697	>JAK1-T593N GMRTHIYSGTI	394	4303
>JAK1-T593N GTRTHIYSGTI	10	>JAK1-T593N GMRTHIYSGTI	1977	1967
>JAK1-T593N GTRTHIYSGTI	45	>JAK1-T593N GMRTHIYSGTI	3099	3054
>JAK1-T593N RGTRTHIYS	318	>JAK1-T593N RGMRTHIYS	72	246
>JAK1-T593N RGTRTHIY	148	>JAK1-T593N RGMRTHIY	111	37
>JAK1-T593N RGTRTHIY	307	>JAK1-T593N RGMRTHIY	231	76
>JAK1-T593N RGTRTHIY	4832	>JAK1-T593N RGMRTHIY	280	4552
>JAK1-T593N RGTRTHIY	1289	>JAK1-T593N RGMRTHIY	145	1144
>JAK1-T593N RGTRTHIY	1294	>JAK1-T593N RGMRTHIY	207	1087
>JAK1-T593N RGTRTHIY	224	>JAK1-T593N RGMRTHIY	77	147
>JAK1-T593N RGTRTHIY	148	>JAK1-T593N RGMRTHIY	860	712
>JAK1-T593N GRGTRTHI	511	>JAK1-T593N GRGMRTHI	441	70
>JAK1-T593N GRGTRTHI	223	>JAK1-T593N GRGMRTHI	488	265
>JAK1-T593N GRGTRTHIY	480	>JAK1-T593N GRGMRTHIY	1196	716
>JAK1-T593N LGRGTRTHI	219	>JAK1-T593N LGRGMRTHI	602	383
>JAK1-T593N LGRGTRTHIY	180	>JAK1-T593N LGRGMRTHIY	322	142
>JAK1-T593N LGRGTRTHIY	374	>JAK1-T593N LGRGMRTHIY	403	29
>JAK1-T593N HLGTRTHI	482	>JAK1-T593N HLGTRMTH	882	400
>JAK1-T593N HLGTRTHI	454	>JAK1-T593N HLGTRMTH	820	366
>JAK1-T593N HLGTRT	373	>JAK1-T593N HLGTRMRT	388	15
>JAK1-T593N HLGTRTHI	40	>JAK1-T593N HLGTRMTH	54	14
>JAK1-T593N HLGTRTHI	212	>JAK1-T593N HLGTRMTH	237	25
>JAK1-T593N HLGTRTHI	127	>JAK1-T593N HLGTRMTH	104	23

>JAK1-T593N HLGTRTHI	8	>JAK1-T593N HLGTRMRTH	10	2
>JAK1-T593N HLGTRTHI	261	>JAK1-T593N HLGTRMRTH	285	24
>JAK1-T593N HLGTRTHI	61	>JAK1-T593N HLGTRMRTH	74	13
>JAK1-T593N GEHLGRGT	167	>JAK1-T593N GEHLGRGM	31	136
>JAK1-T593N GEHLGRGT	5018	>JAK1-T593N GEHLGRGM	169	4849
>JAK1-T593N GEHLGRGT	186	>JAK1-T593N GEHLGRGM	90	96
>JAK1-T593N GEHLGRGT	202	>JAK1-T593N GEHLGRGM	1674	1472
>JAK1-T593N GEHLGRGT	1213	>JAK1-T593N GEHLGRGM	23	1190
>JAK1-T593N VQGEHLGRG	13521	>JAK1-T593N VQGEHLGRG	266	13255
>JAK1-T782N TLWEICYN	2653	>JAK1-T782N MLWEICYN	248	2405
>JAK1-T782N TLWEICYNG	421	>JAK1-T782N MLWEICYNG	51	370
>JAK1-T782N TLWEICYNGE	12	>JAK1-T782N MLWEICYNG	8	4
>JAK1-T782N TLWEICYN	1644	>JAK1-T782N MLWEICYN	212	1432
>JAK1-T782N TLWEICYNG	284	>JAK1-T782N MLWEICYNG	30	254
>JAK1-T782N TLWEICYNGE	29	>JAK1-T782N MLWEICYNG	7	22
>JAK1-T782N TLWEICYNGE	63	>JAK1-T782N MLWEICYNG	14	49
>JAK1-T782N TLWEICYNGE	195	>JAK1-T782N MLWEICYNG	36	159
>JAK1-T782N TLWEICYN	67	>JAK1-T782N MLWEICYN	11	56
>JAK1-T782N TLWEICYNG	442	>JAK1-T782N MLWEICYNG	48	394
>JAK1-T782N TLWEICYNGE	4	>JAK1-T782N MLWEICYNG	2	2
>JAK1-T782N TLWEICYNGE	22	>JAK1-T782N MLWEICYNG	8	14
>JAK1-T782N TLWEICYN	1100	>JAK1-T782N MLWEICYN	296	804
>JAK1-T782N TLWEICYNG	1512	>JAK1-T782N MLWEICYNG	365	1147
>JAK1-T782N TLWEICYNGE	23	>JAK1-T782N MLWEICYNG	11	12
>JAK1-T782N TLWEICYNGE	28	>JAK1-T782N MLWEICYNG	9	19
>JAK1-T782N TLWEICYN	736	>JAK1-T782N MLWEICYN	66	670
>JAK1-T782N TLWEICYNG	4239	>JAK1-T782N MLWEICYNG	388	3851
>JAK1-T782N TLWEICYNGE	19	>JAK1-T782N MLWEICYNG	6	13
>JAK1-T782N TLWEICYNGE	423	>JAK1-T782N MLWEICYNG	201	222
>JAK1-T782N TLWEICYNGE	97	>JAK1-T782N MLWEICYNG	39	58
>JAK1-T782N TLWEICYNGE	41	>JAK1-T782N MLWEICYNG	28	13
>JAK1-T782N TLWEICYNGE	2010	>JAK1-T782N MLWEICYNG	494	1516
>JAK1-T782N TTLWEICYN	3092	>JAK1-T782N TMLWEICYN	22	3070
>JAK1-T782N TTLWEICYNG	10364	>JAK1-T782N TMLWEICYN	270	10094
>JAK1-T782N TTLWEICY	130	>JAK1-T782N TMLWEICY	423	293
>JAK1-T782N TTLWEICY	35	>JAK1-T782N TMLWEICY	1526	1491
>JAK1-T782N TTLWEICY	256	>JAK1-T782N TMLWEICY	7988	7732
>JAK1-T782N TTLWEICY	135	>JAK1-T782N TMLWEICY	46	89
>JAK1-T782N TTLWEICY	378	>JAK1-T782N TMLWEICY	150	228
>JAK1-T782N TTLWEICY	4608	>JAK1-T782N TMLWEICY	304	4304
>JAK1-T782N TTLWEICY	54	>JAK1-T782N TMLWEICY	5749	5695
>JAK1-T782N TTLWEICY	1018	>JAK1-T782N TMLWEICY	394	624
>JAK1-T782N TTLWEICY	115	>JAK1-T782N TMLWEICY	5894	5779



>JAK1-T782N VAADKWSFG	3917	>JAK1-T782N VAADKWSFG	184	3733
>JAK1-T782N VAADKWSFG	8707	>JAK1-T782N VAADKWSFG	37	8670
>JAK1-T782N VAADKWSFG	7359	>JAK1-T782N VAADKWSFG	195	7164
>JAK1-T782N VAADKWSFG	8144	>JAK1-T782N VAADKWSFG	108	8036
>JAK1-T782N GTTLWEICY	318	>JAK1-T782N GTMLWEICY	373	55
>JAK1-T782N GTTLWEICY	751	>JAK1-T782N GTMLWEICY	47	704
>JAK1-T782N GTTLWEICY	1388	>JAK1-T782N GTMLWEICY	493	895
>JAK1-T782N GTTLWEICY	97	>JAK1-T782N GTMLWEICY	102	5
>JAK1-T782N GTTLWEICY	488	>JAK1-T782N GTMLWEICY	107	381
>JAK1-T782N GTTLWEICY	175	>JAK1-T782N GTMLWEICY	113	62
>JAK1-T782N FGTTLWEI	135	>JAK1-T782N FGTMMLWEI	129	6
>JAK1-T782N SFGTTLWEI	173	>JAK1-T782N SFGTMMLWEI	61	112
>JAK1-T782N SFGTTLWEI	263	>JAK1-T782N SFGTMMLWEI	199	64
>JAK1-T782N SFGTTLWEI	330	>JAK1-T782N SFGTMMLWEI	235	95
>JAK1-T782N SFGTTLWEI	17	>JAK1-T782N SFGTMMLWEI	20	3
>JAK1-T782N SFGTTLWEIC'	42	>JAK1-T782N SFGTMMLWEIC	33	9
>JAK1-T782N SFGTTLWEIC'	87	>JAK1-T782N SFGTMMLWEIC	73	14
>JAK1-T782N SFGTTLWEIC'	320	>JAK1-T782N SFGTMMLWEIC	441	121
>JAK1-T782N SFGTTLWEI	178	>JAK1-T782N SFGTMMLWEI	171	7
>JAK1-T782N SFGTTLWEIC	307	>JAK1-T782N SFGTMMLWEIC	323	16
>JAK1-T782N SFGTTLWEI	224	>JAK1-T782N SFGTMMLWEI	596	372
>JAK1-T782N WSFGTTLWE	510	>JAK1-T782N WSFGTMMLWI	416	94
>JAK1-T782N WSFGTTLWE	470	>JAK1-T782N WSFGTMMLWI	415	55
>JAK1-T782N WSFGTTLWE	61	>JAK1-T782N WSFGTMMLWI	76	15
>JAK1-T782N WSFGTTLWE	174	>JAK1-T782N WSFGTMMLWI	268	94
>JAK1-T782N WSFGTTLWE	430	>JAK1-T782N WSFGTMMLWI	958	528
>JAK1-T782N WSFGTTLWE	102	>JAK1-T782N WSFGTMMLWI	276	174
>JAK1-T782N WSFGTTLWE	136	>JAK1-T782N WSFGTMMLWI	183	47
>JAK1-T782N WSFGTTLWE	317	>JAK1-T782N WSFGTMMLWI	630	313
>JAK1-T782N WSFGTTLW	4	>JAK1-T782N WSFGTMLW	4	0
>JAK1-T782N WSFGTTLWE	1192	>JAK1-T782N WSFGTMMLWI	277	915
>JAK1-T782N WSFGTTLWE	41	>JAK1-T782N WSFGTMMLWI	28	13
>JAK1-T782N WSFGTTLW	34	>JAK1-T782N WSFGTMLW	30	4
>JAK1-T782N WSFGTTLW	9	>JAK1-T782N WSFGTMLW	9	0
>JAK1-T782N WSFGTTLWE	82	>JAK1-T782N WSFGTMMLWI	188	106
>JAK1-T782N WSFGTTLW	71	>JAK1-T782N WSFGTMLW	46	25
>JAK1-T782N WSFGTTLWE	522	>JAK1-T782N WSFGTMMLWI	186	336
>JAK1-T782N WSFGTTLWE	343	>JAK1-T782N WSFGTMMLWI	148	195
>JAK1-T782N WSFGTTLWE	437	>JAK1-T782N WSFGTMMLWI	271	166
>JAK1-T782N WSFGTTLWE	137	>JAK1-T782N WSFGTMMLWI	112	25
>JAK1-T782N WSFGTTLW	107	>JAK1-T782N WSFGTMLW	94	13
>JAK1-T782N WSFGTTLW	29	>JAK1-T782N WSFGTMLW	20	9
>JAK1-T782N KWSFGTTLW	1366	>JAK1-T782N KWSFGTMLV	435	931

>JAK1-T782N KWSFGTTLW	243	>JAK1-T782N KWSFGTMLV	145	98
>JAK1-T782N KWSFGTTLW	358	>JAK1-T782N KWSFGTMLV	128	230
>JAK1-T782N KWSFGTTLW	166	>JAK1-T782N KWSFGTMLV	108	58
>JAK1-T782N KWSFGTTL	289	>JAK1-T782N KWSFGTML	163	126
>JAK1-T782N KWSFGTTLW	488	>JAK1-T782N KWSFGTMLV	49	439
>JAK1-T782N KWSFGTTLW	45	>JAK1-T782N KWSFGTMLV	23	22
>JAK1-T782N KWSFGTTLW	153	>JAK1-T782N KWSFGTMLV	68	85
>JAK1-T782N KWSFGTTLW	1251	>JAK1-T782N KWSFGTMLV	199	1052
>JAK1-T782N KWSFGTTL	48	>JAK1-T782N KWSFGTML	56	8
>JAK1-T782N KWSFGTTLW	128	>JAK1-T782N KWSFGTMLV	108	20
>JAK1-T782N KWSFGTTLW	39	>JAK1-T782N KWSFGTMLV	37	2
>JAK1-T782N DKWSFGTT	3816	>JAK1-T782N DKWSFGTM	109	3707
>JAK1-T782N DKWSFGTTL	26	>JAK1-T782N DKWSFGTML	37	11
>JAK1-T782N DKWSFGTTL	481	>JAK1-T782N DKWSFGTML	437	44
>JAK1-T782N AADKWSFGT	389	>JAK1-T782N AADKWSFGT	816	427
>JAK1-T782N AADKWSFGT	474	>JAK1-T782N AADKWSFGT	600	126
>JAK1-T782N AADKWSFGT	14043	>JAK1-T782N AADKWSFGT	240	13803
>JAK1-T782N AADKWSFGT	158	>JAK1-T782N AADKWSFGT	428	270
>JAK1-V1045 VFWYAPECL	85	>JAK1-V1045 KFWYAPECL	179	94
>JAK1-V1045 VFWYAPECLM	350	>JAK1-V1045 KFWYAPECLM	752	402
>JAK1-V1045 VFWYAPEC	1500	>JAK1-V1045 KFWYAPEC	252	1248
>JAK1-V1045 VFWYAPECL	625	>JAK1-V1045 KFWYAPECL	92	533
>JAK1-V1045 VFWYAPECLM	535	>JAK1-V1045 KFWYAPECLM	254	281
>JAK1-V1045 VFWYAPECLM	1804	>JAK1-V1045 KFWYAPECLM	320	1484
>JAK1-V1045 PVFWYAPECI	294	>JAK1-V1045 PKFWYAPECI	1890	1596
>JAK1-V1045 PVFWYAPECI	10458	>JAK1-V1045 PKFWYAPECI	350	10108
>JAK1-V1045 PVFWYAPECI	11107	>JAK1-V1045 PKFWYAPECI	373	10734
>JAK1-V1045 YTVKDDRDSF	173	>JAK1-V1045 YTVKDDRDSF	19779	19606
>JAK1-V1045 YTVKDDRDSF	98	>JAK1-V1045 YTVKDDRDSF	16118	16020
>JAK1-V1045 YTVKDDRDSF	289	>JAK1-V1045 YTVKDDRDSF	26492	26203
>JAK1-V1045 YTVKDDRDSF	245	>JAK1-V1045 YTVKDDRDSF	22631	22386
>JAK1-V1045 YTVKDDRDSF	463	>JAK1-V1045 YTVKDDRDSF	23292	22829
>JAK1-V1045 YTVKDDRDSF	210	>JAK1-V1045 YTVKDDRDSF	30925	30715
>JAK1-V1045 YTVKDDRDSF	14208	>JAK1-V1045 YTVKDDRDSF	23	14185
>JAK1-V1045 YTVKDDRDSF	43	>JAK1-V1045 YTVKDDRDSF	15164	15121
>JAK1-V1045 YTVKDDRDSF	278	>JAK1-V1045 YTVKDDRDSF	19588	19310
>JAK1-V1045 YTVKDDRDSF	228	>JAK1-V1045 YTVKDDRDSF	9034	8806
>JAK1-V1045 YTVKDDRDSF	493	>JAK1-V1045 YTVKDDRDSF	3284	2791
>JAK1-V1045 SPVFWYAPEC	4127	>JAK1-V1045 SPKFWYAPEC	308	3819
>JAK1-V1045 SPVFWYAPEC	254	>JAK1-V1045 SPKFWYAPEC	5636	5382
>JAK1-V1045 SPVFWYAP	314	>JAK1-V1045 SPKFWYAP	2169	1855
>JAK1-V1045 DSPVFWYA	91	>JAK1-V1045 DSPKFWYA	148	57
>JAK1-V1045 RDSPVFWYA	141	>JAK1-V1045 RDSPKFWYA	848	707

>JAK1-V1045 DRDSPVFWY	251	>JAK1-V1045 DRDSPKFWY	184	67
>JAK1-V1045 VKDDRDSPI	208	>JAK1-V1045 VKDDRDSPI	482	274
>JAK1-V1045 TVKDDRDSPI	351	>JAK1-V1045 TVKDDRDSPI	25013	24662
>JAK1-V1045 TVKDDRDSPI	110	>JAK1-V1045 TVKDDRDSPI	28863	28753
>JAK1-V1045 TVKDDRDSPI	34399	>JAK1-V1045 TVKDDRDSPI	360	34039
>JAK1-V1045 TVKDDRDSPI	270	>JAK1-V1045 TVKDDRDSPI	479	209
>JAK1-V1045 TVKDDRDSPI	1806	>JAK1-V1045 TVKDDRDSPI	45	1761
>JAK1-V1045 TVKDDRDSPI	31079	>JAK1-V1045 TVKDDRDSPI	193	30886
>JAK1-V1045 TVKDDRDSPI	201	>JAK1-V1045 TVKDDRDSPI	1897	1696
>JAK1-V623A VLDPSHRDISI	425	>JAK1-V623A ALDPSHRDISI	336	89
>JAK1-V623A VLDPSHRDISI	429	>JAK1-V623A ALDPSHRDISI	224	205
>JAK1-V623A VLDPSHRDI	135	>JAK1-V623A ALDPSHRDI	180	45
>JAK1-V623A VLDPSHRDISI	28	>JAK1-V623A ALDPSHRDISI	38	10
>JAK1-V623A VLDPSHRDISI	86	>JAK1-V623A ALDPSHRDISI	91	5
>JAK1-V623A VLDPSHRDISI	59	>JAK1-V623A ALDPSHRDISI	59	0
>JAK1-V623A VLDPSHRDI	132	>JAK1-V623A ALDPSHRDI	125	7
>JAK1-V623A VLDPSHRDISI	9	>JAK1-V623A ALDPSHRDISI	9	0
>JAK1-V623A KVLDPSHRDI	418	>JAK1-V623A KALDPSHRDI	1648	1230
>JAK1-V623A KVLDPSHR	194	>JAK1-V623A KALDPSHR	1785	1591
>JAK1-V623A KVLDPSHRDI	186	>JAK1-V623A KALDPSHRDI	684	498
>JAK1-V623A KVLDPSHR	18	>JAK1-V623A KALDPSHR	20	2
>JAK1-V623A KVLDPSHRDI	86	>JAK1-V623A KALDPSHRDI	1182	1096
>JAK1-V623A KVLDPSHRDI	607	>JAK1-V623A KALDPSHRDI	64	543
>JAK1-V623A KVLDPSHR	36	>JAK1-V623A KALDPSHR	56	20
>JAK1-V623A EEKIKVILKV	376	>JAK1-V623A EEKIKVILKA	9549	9173
>JAK1-V623A EEKIKVILKV	165	>JAK1-V623A EEKIKVILKA	38	127
>JAK1-V623A EEKIKVILKV	184	>JAK1-V623A EEKIKVILKA	4484	4300
>JAK1-V623A LKVLDPSHRD	163	>JAK1-V623A LKALDPSHRD	214	51
>JAK1-V623A ILKVLDPSHR	426	>JAK1-V623A ILKALDPSHR	354	72
>JAK1-V623A ILKVLDPSHR	1013	>JAK1-V623A ILKALDPSHR	308	705
>JAK1-V623A VILKVLDPHF	217	>JAK1-V623A VILKALDPHF	531	314
>JAK1-V623A VILKVLDPHF	455	>JAK1-V623A VILKALDPHF	1319	864
>JAK1-V623A VILKVLDPHF	459	>JAK1-V623A VILKALDPHF	352	107
>JAK1-V623A IKVILKVL	107	>JAK1-V623A IKVILKAL	90	17
>JAK1-V623A KIKVILKV	59	>JAK1-V623A KIKVILKA	575	516
>JAK1-V623A KIKVILKVL	1114	>JAK1-V623A KIKVILKAL	403	711
>JAK1-V623A KIKVILKV	118	>JAK1-V623A KIKVILKA	10685	10567
>JAK1-V623A KIKVILKV	40	>JAK1-V623A KIKVILKA	24	16
>JAK1-V623A KIKVILKVL	130	>JAK1-V623A KIKVILKAL	75	55
>JAK1-V623A KIKVILKVL	942	>JAK1-V623A KIKVILKAL	361	581
>JAK1-V623A KKIKVILKV	122	>JAK1-V623A KKIKVILKA	626	504
>JAK1-V623A KKIKVILKVL	35	>JAK1-V623A KKIKVILKAL	23	12
>JAK1-V623A KKIKVILKV	477	>JAK1-V623A KKIKVILKA	1675	1198

>JAK1-V623A EKKIKVILKVL	654	>JAK1-V623A EKKIKVILKAL	345	309
>JAK1-V645F VSHKHIVYL	138	>JAK1-V645F FSHKHIVYL	508	370
>JAK1-V645F VSHKHIVY	2477	>JAK1-V645F FSHKHIVY	414	2063
>JAK1-V645F VSHKHIVYLY	408	>JAK1-V645F FSHKHIVYLY	282	126
>JAK1-V645F VSHKHIVYL	7474	>JAK1-V645F FSHKHIVYL	442	7032
>JAK1-V645F VSHKHIVYL	1690	>JAK1-V645F FSHKHIVYL	34	1656
>JAK1-V645F VSHKHIVYL	3260	>JAK1-V645F FSHKHIVYL	101	3159
>JAK1-V645F VSHKHIVYL	1426	>JAK1-V645F FSHKHIVYL	257	1169
>JAK1-V645F VSHKHIVY	436	>JAK1-V645F FSHKHIVY	154	282
>JAK1-V645F VSHKHIVYLY	335	>JAK1-V645F FSHKHIVYLY	114	221
>JAK1-V645F VSHKHIVY	1223	>JAK1-V645F FSHKHIVY	199	1024
>JAK1-V645F VSHKHIVYLY	175	>JAK1-V645F FSHKHIVYLY	99	76
>JAK1-V645F VSHKHIVYL	305	>JAK1-V645F FSHKHIVYL	2808	2503
>JAK1-V645F VSHKHIVY	279	>JAK1-V645F FSHKHIVY	1450	1171
>JAK1-V645F VSHKHIVYLY	24	>JAK1-V645F FSHKHIVYLY	41	17
>JAK1-V645F VSHKHIVYLY	1430	>JAK1-V645F FSHKHIVYLY	122	1308
>JAK1-V645F VSHKHIVYL	4114	>JAK1-V645F FSHKHIVYL	124	3990
>JAK1-V645F VSHKHIVYLY	116	>JAK1-V645F FSHKHIVYLY	217	101
>JAK1-V645F VSHKHIVYL	2266	>JAK1-V645F FSHKHIVYL	247	2019
>JAK1-V645F VSHKHIVY	123	>JAK1-V645F FSHKHIVY	65	58
>JAK1-V645F VSHKHIVYLY	371	>JAK1-V645F FSHKHIVYLY	161	210
>JAK1-V645F VSHKHIVY	76	>JAK1-V645F FSHKHIVY	23	53
>JAK1-V645F VSHKHIVYL	308	>JAK1-V645F FSHKHIVYL	95	213
>JAK1-V645F VSHKHIVYLY	175	>JAK1-V645F FSHKHIVYLY	49	126
>JAK1-V645F VSHKHIVY	8	>JAK1-V645F FSHKHIVY	10	2
>JAK1-V645F VSHKHIVYL	67	>JAK1-V645F FSHKHIVYL	113	46
>JAK1-V645F VSHKHIVYLY	11	>JAK1-V645F FSHKHIVYLY	14	3
>JAK1-V645F VSHKHIVY	2625	>JAK1-V645F FSHKHIVY	244	2381
>JAK1-V645F VSHKHIVYL	163	>JAK1-V645F FSHKHIVYL	115	48
>JAK1-V645F VSHKHIVY	238	>JAK1-V645F FSHKHIVY	49	189
>JAK1-V645F VSHKHIVYLY	459	>JAK1-V645F FSHKHIVYLY	254	205
>JAK1-V645F VSHKHIVYL	1462	>JAK1-V645F FSHKHIVYL	418	1044
>JAK1-V645F QVSHKHIV	461	>JAK1-V645F QFSHKHIV	8313	7852
>JAK1-V645F QVSHKHIVYL	412	>JAK1-V645F QFSHKHIVYL	8169	7757
>JAK1-V645F QVSHKHIVYL	11516	>JAK1-V645F QFSHKHIVYL	180	11336
>JAK1-V645F QVSHKHIVY	90	>JAK1-V645F QFSHKHIVY	40	50
>JAK1-V645F QVSHKHIVYL	13	>JAK1-V645F QFSHKHIVYL	9	4
>JAK1-V645F QVSHKHIVYL	75	>JAK1-V645F QFSHKHIVYL	179	104
>JAK1-V645F QVSHKHIVYL	490	>JAK1-V645F QFSHKHIVYL	4224	3734
>JAK1-V645F QVSHKHIV	84	>JAK1-V645F QFSHKHIV	11988	11904
>JAK1-V645F QVSHKHIVY	193	>JAK1-V645F QFSHKHIVY	1373	1180
>JAK1-V645F QVSHKHIVYL	17	>JAK1-V645F QFSHKHIVYL	62	45
>JAK1-V645F QVSHKHIVY	266	>JAK1-V645F QFSHKHIVY	2135	1869

>JAK1-V645F QVSHKHIVY	339	>JAK1-V645F QFSHKHIVY	1546	1207
>JAK1-V645F QVSHKHIVYL	457	>JAK1-V645F QFSHKHIVYL	3194	2737
>JAK1-V645F QVSHKHIVYL	172	>JAK1-V645F QFSHKHIVYL	80	92
>JAK1-V645F QVSHKHIVYL	13523	>JAK1-V645F QFSHKHIVYL	188	13335
>JAK1-V645F FFEAASMMR	12062	>JAK1-V645F FFEAASMMR	190	11872
>JAK1-V645F FFEAASMMR	3871	>JAK1-V645F FFEAASMMR	15	3856
>JAK1-V645F FFEAASMMR	8373	>JAK1-V645F FFEAASMMR	419	7954
>JAK1-V645F RQVSHKHIV	3840	>JAK1-V645F RQFSHKHIV	324	3516
>JAK1-V645F RQVSHKHIVY	570	>JAK1-V645F RQFSHKHIVY	87	483
>JAK1-V645F RQVSHKHIVY	212	>JAK1-V645F RQFSHKHIVY	46	166
>JAK1-V645F RQVSHKHIV	246	>JAK1-V645F RQFSHKHIV	98	148
>JAK1-V645F RQVSHKHIVY	315	>JAK1-V645F RQFSHKHIVY	137	178
>JAK1-V645F RQVSHKHI	189	>JAK1-V645F RQFSHKHI	147	42
>JAK1-V645F RQVSHKHIV	51	>JAK1-V645F RQFSHKHIV	34	17
>JAK1-V645F RQVSHKHIVY	17	>JAK1-V645F RQFSHKHIVY	14	3
>JAK1-V645F RQVSHKHIV	1108	>JAK1-V645F RQFSHKHIV	99	1009
>JAK1-V645F RQVSHKHIVY	382	>JAK1-V645F RQFSHKHIVY	50	332
>JAK1-V645F RQVSHKHIV	2071	>JAK1-V645F RQFSHKHIV	461	1610
>JAK1-V645F RQVSHKHIVY	769	>JAK1-V645F RQFSHKHIVY	242	527
>JAK1-V645F RQVSHKHI	3675	>JAK1-V645F RQFSHKHI	486	3189
>JAK1-V645F RQVSHKHIVY	232	>JAK1-V645F RQFSHKHIVY	85	147
>JAK1-V645F RQVSHKHIV	2193	>JAK1-V645F RQFSHKHIV	408	1785
>JAK1-V645F RQVSHKHIVY	413	>JAK1-V645F RQFSHKHIVY	93	320
>JAK1-V645F RQVSHKHI	4870	>JAK1-V645F RQFSHKHI	182	4688
>JAK1-V645F RQVSHKHIVY	4938	>JAK1-V645F RQFSHKHIVY	321	4617
>JAK1-V645F RQVSHKHIVY	3599	>JAK1-V645F RQFSHKHIVY	191	3408
>JAK1-V645F RQVSHKHI	346	>JAK1-V645F RQFSHKHI	107	239
>JAK1-V645F RQVSHKHIVY	46	>JAK1-V645F RQFSHKHIVY	37	9
>JAK1-V645F RQVSHKHIVY	202	>JAK1-V645F RQFSHKHIVY	73	129
>JAK1-V645F RQVSHKHIVY	1503	>JAK1-V645F RQFSHKHIVY	373	1130
>JAK1-V645F RQVSHKHI	21	>JAK1-V645F RQFSHKHI	5	16
>JAK1-V645F RQVSHKHIV	42	>JAK1-V645F RQFSHKHIV	7	35
>JAK1-V645F RQVSHKHIVY	4	>JAK1-V645F RQFSHKHIVY	2	2
>JAK1-V645F RQVSHKHIVY	13	>JAK1-V645F RQFSHKHIVY	4	9
>JAK1-V645F RQVSHKHI	921	>JAK1-V645F RQFSHKHI	162	759
>JAK1-V645F RQVSHKHIV	1985	>JAK1-V645F RQFSHKHIV	337	1648
>JAK1-V645F RQVSHKHIVY	299	>JAK1-V645F RQFSHKHIVY	132	167
>JAK1-V645F RQVSHKHIVY	374	>JAK1-V645F RQFSHKHIVY	76	298
>JAK1-V645F RQVSHKHIV	470	>JAK1-V645F RQFSHKHIV	238	232
>JAK1-V645F RQVSHKHIVY	279	>JAK1-V645F RQFSHKHIVY	158	121
>JAK1-V645F RQVSHKHIV	1019	>JAK1-V645F RQFSHKHIV	493	526
>JAK1-V645F RQVSHKHIVY	172	>JAK1-V645F RQFSHKHIVY	81	91
>JAK1-V645F RQVSHKHIVY	87	>JAK1-V645F RQFSHKHIVY	64	23

>JAK1-V645F RQVSHKHIVY	327	>JAK1-V645F RQFSHKHIVY	166	161
>JAK1-V645F RQVSHKHIV	1048	>JAK1-V645F RQFSHKHIV	264	784
>JAK1-V645F RQVSHKHIVY	75	>JAK1-V645F RQFSHKHIVY	30	45
>JAK1-V645F RQVSHKHI	1439	>JAK1-V645F RQFSHKHI	162	1277
>JAK1-V645F MRQVSHKHI	150	>JAK1-V645F MRQFSHKHI	269	119
>JAK1-V645F MRQVSHKHI'	34	>JAK1-V645F MRQFSHKHI\	55	21
>JAK1-V645F MRQVSHKHI'	212	>JAK1-V645F MRQFSHKHI\	559	347
>JAK1-V645F MRQVSHKHI'	311	>JAK1-V645F MRQFSHKHI\	444	133
>JAK1-V645F MMRQVSHKI	530	>JAK1-V645F MMRQFSHKI	361	169
>JAK1-V645F MMRQVSHKI	58	>JAK1-V645F MMRQFSHKI	42	16
>JAK1-V645F MMRQVSHKI	393	>JAK1-V645F MMRQFSHKI	137	256
>JAK1-V645F MMRQVSHKI	8	>JAK1-V645F MMRQFSHKI	8	0
>JAK1-V645F MMRQVSHKI	61	>JAK1-V645F MMRQFSHKI	65	4
>JAK1-V645F MMRQVSHKI	6	>JAK1-V645F MMRQFSHKI	6	0
>JAK1-V645F MMRQVSHKI	29	>JAK1-V645F MMRQFSHKI	31	2
>JAK1-V645F MMRQVSHKI	35	>JAK1-V645F MMRQFSHKI	48	13
>JAK1-V645F MMRQVSHKI	142	>JAK1-V645F MMRQFSHKI	124	18
>JAK1-V645F MMRQVSHKI	56	>JAK1-V645F MMRQFSHKI	42	14
>JAK1-V645F MMRQVSHKI	2	>JAK1-V645F MMRQFSHKI	2	0
>JAK1-V645F MMRQVSHK	37	>JAK1-V645F MMRQFSHK	36	1
>JAK1-V645F MMRQVSHKI	479	>JAK1-V645F MMRQFSHKI	667	188
>JAK1-V645F MMRQVSHK	547	>JAK1-V645F MMRQFSHK	217	330
>JAK1-V645F MMRQVSHK	5	>JAK1-V645F MMRQFSHK	4	1
>JAK1-V645F MMRQVSHKI	19	>JAK1-V645F MMRQFSHKI	12	7
>JAK1-V645F MMRQVSHKI	87	>JAK1-V645F MMRQFSHKI	48	39
>JAK1-V645F MMRQVSHK	62	>JAK1-V645F MMRQFSHK	30	32
>JAK1-V645F MMRQVSHK	328	>JAK1-V645F MMRQFSHK	201	127
>JAK1-V645F MMRQVSHK	226	>JAK1-V645F MMRQFSHK	227	1
>JAK1-V645F MMRQVSHKI	69	>JAK1-V645F MMRQFSHKI	31	38
>JAK1-V645F MMRQVSHKI	180	>JAK1-V645F MMRQFSHKI	186	6
>JAK1-V645F MMRQVSHKI	977	>JAK1-V645F MMRQFSHKI	348	629
>JAK1-V645F MMRQVSHK	297	>JAK1-V645F MMRQFSHK	127	170
>JAK1-V645F MMRQVSHKI	1260	>JAK1-V645F MMRQFSHKI	263	997
>JAK1-V645F MMRQVSHKI	70	>JAK1-V645F MMRQFSHKI	38	32
>JAK1-V645F MMRQVSHKI	166	>JAK1-V645F MMRQFSHKI	82	84
>JAK1-V645F MMRQVSHK	1981	>JAK1-V645F MMRQFSHK	223	1758
>JAK1-V645F SMMRQVSHI	343	>JAK1-V645F SMMRQFSHK	163	180
>JAK1-V645F SMMRQVSHI	460	>JAK1-V645F SMMRQFSHK	482	22
>JAK1-V645F SMMRQVSHI	193	>JAK1-V645F SMMRQFSHK	167	26
>JAK1-V645F SMMRQVSHI	28	>JAK1-V645F SMMRQFSHK	29	1
>JAK1-V645F SMMRQVSHI	601	>JAK1-V645F SMMRQFSHK	230	371
>JAK1-V645F SMMRQVSHI	22	>JAK1-V645F SMMRQFSHK	31	9
>JAK1-V645F SMMRQVSHI	42	>JAK1-V645F SMMRQFSHK	44	2

>JAK1-V645F SMMRQVSHI	74	>JAK1-V645F SMMRQFSHk	104	30
>JAK1-V645F SMMRQVSHI	403	>JAK1-V645F SMMRQFSHk	954	551
>JAK1-V645F SMMRQVSHI	38	>JAK1-V645F SMMRQFSHk	51	13
>JAK1-V645F SMMRQVSH	474	>JAK1-V645F SMMRQFSH	283	191
>JAK1-V645F SMMRQVSHI	32	>JAK1-V645F SMMRQFSHk	28	4
>JAK1-V645F SMMRQVSH	1006	>JAK1-V645F SMMRQFSH	197	809
>JAK1-V645F SMMRQVSHI	10	>JAK1-V645F SMMRQFSHk	7	3
>JAK1-V645F SMMRQVSHI	33	>JAK1-V645F SMMRQFSHk	23	10
>JAK1-V645F SMMRQVSHI	86	>JAK1-V645F SMMRQFSHk	22	64
>JAK1-V645F SMMRQVSHI	119	>JAK1-V645F SMMRQFSHk	65	54
>JAK1-V645F SMMRQVSH	414	>JAK1-V645F SMMRQFSH	549	135
>JAK1-V645F SMMRQVSHI	252	>JAK1-V645F SMMRQFSHk	216	36
>JAK1-V645F SMMRQVSH	228	>JAK1-V645F SMMRQFSH	469	241
>JAK1-V645F SMMRQVSHI	338	>JAK1-V645F SMMRQFSHk	232	106
>JAK1-V645F SMMRQVSHI	58	>JAK1-V645F SMMRQFSHk	54	4
>JAK1-V645F SMMRQVSHI	1117	>JAK1-V645F SMMRQFSHk	177	940
>JAK1-V645F SMMRQVSHI	476	>JAK1-V645F SMMRQFSHk	377	99
>JAK1-V645F ASMMRQVSI	15	>JAK1-V645F ASMMRQFSI	11	4
>JAK1-V645F ASMMRQVSI	628	>JAK1-V645F ASMMRQFSI	72	556
>JAK1-V645F ASMMRQVSI	8	>JAK1-V645F ASMMRQFSI	6	2
>JAK1-V645F ASMMRQVSI	419	>JAK1-V645F ASMMRQFSI	160	259
>JAK1-V645F ASMMRQVSI	14	>JAK1-V645F ASMMRQFSI	13	1
>JAK1-V645F ASMMRQVSI	243	>JAK1-V645F ASMMRQFSI	88	155
>JAK1-V645F ASMMRQVSI	333	>JAK1-V645F ASMMRQFSI	231	102
>JAK1-V645F ASMMRQVSI	750	>JAK1-V645F ASMMRQFSI	325	425
>JAK1-V645F ASMMRQVSI	703	>JAK1-V645F ASMMRQFSI	349	354
>JAK1-V645F ASMMRQVSI	384	>JAK1-V645F ASMMRQFSI	138	246
>JAK1-V645F ASMMRQVSI	75	>JAK1-V645F ASMMRQFSI	47	28
>JAK1-V645F ASMMRQVSI	334	>JAK1-V645F ASMMRQFSI	145	189
>JAK1-V645F AASMMRQV	449	>JAK1-V645F AASMMRQF	34118	33669
>JAK1-V645F AASMMRQV:	662	>JAK1-V645F AASMMRQF:	346	316
>JAK1-V645F AASMMRQV:	62	>JAK1-V645F AASMMRQF:	33	29
>JAK1-V645F AASMMRQV:	62	>JAK1-V645F AASMMRQF:	40	22
>JAK1-V645F AASMMRQV:	1124	>JAK1-V645F AASMMRQF:	348	776
>JAK1-V645F AASMMRQV:	590	>JAK1-V645F AASMMRQF:	373	217
>JAK1-V645F AASMMRQV	7598	>JAK1-V645F AASMMRQF	230	7368
>JAK1-V645F AASMMRQV	2994	>JAK1-V645F AASMMRQF	14	2980
>JAK1-V645F AASMMRQV:	1005	>JAK1-V645F AASMMRQF:	477	528
>JAK1-V645F EAASMMRQI	4927	>JAK1-V645F EAASMMRQI	194	4733
>JAK1-V645F EAASMMRQI	1708	>JAK1-V645F EAASMMRQI	11	1697
>JAK1-V645F EAASMMRQI	722	>JAK1-V645F EAASMMRQI	372	350
>JAK1-V645F EAASMMRQI	15	>JAK1-V645F EAASMMRQI	11771	11756
>JAK1-V645F EAASMMRQI	22	>JAK1-V645F EAASMMRQI	9577	9555

>JAK1-V645F EAASMMRQ\	10555	>JAK1-V645F EAASMMRQI	48	10507
>JAK1-V645F EAASMMRQ\	12971	>JAK1-V645F EAASMMRQI	370	12601
>JAK1-V645F FEAASMMRC	22	>JAK1-V645F FEAASMMRC	107	85
>JAK1-V645F FEAASMMRC	12688	>JAK1-V645F FEAASMMRC	386	12302
>JAK1-V645F FEAASMMRC	3187	>JAK1-V645F FEAASMMRC	57	3130
>JAK1-V645F FEAASMMRC	98	>JAK1-V645F FEAASMMRC	149	51
>JAK1-V645F FEAASMMRC	3814	>JAK1-V645F FEAASMMRC	264	3550
>JAK1-V645F FEAASMMRC	3930	>JAK1-V645F FEAASMMRC	440	3490
>JAK1-V645F FEAASMMRC	19	>JAK1-V645F FEAASMMRC	41	22
>JAK1-V658F VRDVENIM	2065	>JAK1-V658F FRDVENIM	58	2007
>JAK1-V658F VRDVENIMV	6339	>JAK1-V658F FRDVENIMV	349	5990
>JAK1-V658F CVRDVENIM\	320	>JAK1-V658F CFRDVENIM\	1308	988
>JAK1-V658F CVRDVENIM	236	>JAK1-V658F CFRDVENIM	1985	1749
>JAK1-V658F KHIVYLYGVC\	14111	>JAK1-V658F KHIVYLYGVC\	321	13790
>JAK1-V658F KHIVYLYGVC\	368	>JAK1-V658F KHIVYLYGVC\	9	359
>JAK1-V658F VCVRDVENIM	2109	>JAK1-V658F VCFRDVENIM	193	1916
>JAK1-V658F GVCVRDVENI	848	>JAK1-V658F GVCFRDVENI	460	388
>JAK1-V658F YLYGVCVRDV	23	>JAK1-V658F YLYGVCFRDV	15	8
>JAK1-V658F YLYGVCVCR	1199	>JAK1-V658F YLYGVCFR	222	977
>JAK1-V658F YLYGVCVRD	852	>JAK1-V658F YLYGVCFRD	335	517
>JAK1-V658F YLYGVCVRDV	28	>JAK1-V658F YLYGVCFRDV	25	3
>JAK1-V658F YLYGVCVRDV	9	>JAK1-V658F YLYGVCFRDV	8	1
>JAK1-V658F YLYGVCVRDV	57	>JAK1-V658F YLYGVCFRDV	31	26
>JAK1-V658F YLYGVCVCR	62	>JAK1-V658F YLYGVCFR	19	43
>JAK1-V658F YLYGVCVRD	93	>JAK1-V658F YLYGVCFRD	29	64
>JAK1-V658F YLYGVCVRDV	2	>JAK1-V658F YLYGVCFRDV	2	0
>JAK1-V658F YLYGVCVRDV	543	>JAK1-V658F YLYGVCFRDV	381	162
>JAK1-V658F YLYGVCVRDV	6	>JAK1-V658F YLYGVCFRDV	6	0
>JAK1-V658F YLYGVCVCR	685	>JAK1-V658F YLYGVCFR	99	586
>JAK1-V658F YLYGVCVRD	2381	>JAK1-V658F YLYGVCFRD	454	1927
>JAK1-V658F YLYGVCVRDV	5	>JAK1-V658F YLYGVCFRDV	5	0
>JAK1-V658F YLYGVCVRDV	5	>JAK1-V658F YLYGVCFRDV	7	2
>JAK1-V658F YLYGVCVCR	30	>JAK1-V658F YLYGVCFR	16	14
>JAK1-V658F YLYGVCVRD	92	>JAK1-V658F YLYGVCFRD	41	51
>JAK1-V658F YLYGVCVRDV	2	>JAK1-V658F YLYGVCFRDV	2	0
>JAK1-V658F YLYGVCVRDV	605	>JAK1-V658F YLYGVCFRDV	391	214
>JAK1-V658F YLYGVCVCR	315	>JAK1-V658F YLYGVCFR	88	227
>JAK1-V658F YLYGVCVCR	3168	>JAK1-V658F YLYGVCFR	292	2876
>JAK1-V658F YLYGVCVCR	171	>JAK1-V658F YLYGVCFR	28	143
>JAK1-V658F YLYGVCVCR	78	>JAK1-V658F YLYGVCFR	14	64
>JAK1-V658F YLYGVCVCR	16	>JAK1-V658F YLYGVCFR	4	12
>JAK1-V658F YLYGVCVCR	129	>JAK1-V658F YLYGVCFR	78	51
>JAK1-V658F VYLYGVCV	459	>JAK1-V658F VYLYGVCF	19931	19472



>JAK1-V658F VYLYGVCV	1249	>JAK1-V658F VYLYGVCF	40	1209
>JAK1-V658F VYLYGVCV	1368	>JAK1-V658F VYLYGVCF	90	1278
>JAK1-V658F VYLYGVCV	1075	>JAK1-V658F VYLYGVCF	17	1058
>JAK1-V658F VYLYGVCVRC	536	>JAK1-V658F VYLYGVCFRD	295	241
>JAK1-V658F VYLYGVCVR	88	>JAK1-V658F VYLYGVCFR	14	74
>JAK1-V658F VYLYGVCVR	91	>JAK1-V658F VYLYGVCFR	17	74
>JAK1-V658F VYLYGVCV	5562	>JAK1-V658F VYLYGVCF	136	5426
>JAK1-V658F VYLYGVCVR	122	>JAK1-V658F VYLYGVCFR	63	59
>JAK1-V658F IVYLYGVCV	160	>JAK1-V658F IVYLYGVCF	83	77
>JAK1-V658F IVYLYGVCV	221	>JAK1-V658F IVYLYGVCF	18558	18337
>JAK1-V658F IVYLYGVCV	316	>JAK1-V658F IVYLYGVCF	8433	8117
>JAK1-V658F IVYLYGVCV	380	>JAK1-V658F IVYLYGVCF	14318	13938
>JAK1-V658F IVYLYGVCV	108	>JAK1-V658F IVYLYGVCF	1886	1778
>JAK1-V658F IVYLYGVCV	45	>JAK1-V658F IVYLYGVCF	15541	15496
>JAK1-V658F IVYLYGVCV	71	>JAK1-V658F IVYLYGVCF	21400	21329
>JAK1-V658F IVYLYGVCV	48	>JAK1-V658F IVYLYGVCF	30595	30547
>JAK1-V658F IVYLYGVCVR	425	>JAK1-V658F IVYLYGVCFR	97	328
>JAK1-V658F IVYLYGVCVR	633	>JAK1-V658F IVYLYGVCFR	123	510
>JAK1-V658F IVYLYGVCVR	43	>JAK1-V658F IVYLYGVCFR	9	34
>JAK1-V658F IVYLYGVCVR	323	>JAK1-V658F IVYLYGVCFR	29	294
>JAK1-V658F IVYLYGVCVR	112	>JAK1-V658F IVYLYGVCFR	15	97
>JAK1-V658F IVYLYGVCV	7477	>JAK1-V658F IVYLYGVCF	235	7242
>JAK1-V658F IVYLYGVCV	695	>JAK1-V658F IVYLYGVCF	13	682
>JAK1-V658F IVYLYGVCV	8379	>JAK1-V658F IVYLYGVCF	64	8315
>JAK1-V658F IVYLYGVCV	15803	>JAK1-V658F IVYLYGVCF	443	15360
>JAK1-V658F IVYLYGVCVR	462	>JAK1-V658F IVYLYGVCFR	98	364
>JAK1-V658F IVYLYGVCVR	197	>JAK1-V658F IVYLYGVCFR	99	98
>JAK1-V658F HIVYLYGVCV	377	>JAK1-V658F HIVYLYGVCF	20140	19763
>JAK1-V658F HIVYLYGVCV	8660	>JAK1-V658F HIVYLYGVCF	260	8400
>JAK1-V658F HIVYLYGVCV	72	>JAK1-V658F HIVYLYGVCFI	19	53
>JAK1-V658F HIVYLYGVCV	114	>JAK1-V658F HIVYLYGVCFI	26	88
>JAK1-V658F HIVYLYGVCV	23	>JAK1-V658F HIVYLYGVCFI	6	17
>JAK1-V658F HIVYLYGVCV	95	>JAK1-V658F HIVYLYGVCF	16931	16836
>JAK1-V658F HIVYLYGVCV	9610	>JAK1-V658F HIVYLYGVCF	343	9267
>JAK1-V658F HIVYLYGVCV	4175	>JAK1-V658F HIVYLYGVCF	117	4058
>JAK1-V658F HIVYLYGVCV	63	>JAK1-V658F HIVYLYGVCFI	39	24
>JAK1-W104' WYAPECLM	84	>JAK1-W104' GYAPECLM	476	392
>JAK1-W104' WYAPECLMC	301	>JAK1-W104' GYAPECLMQ	1230	929
>JAK1-W104' WYAPECLMC	183	>JAK1-W104' GYAPECLMQ	868	685
>JAK1-W104' WYAPECLMC	314	>JAK1-W104' GYAPECLMQ	1567	1253
>JAK1-W104' FWYAPECLM	115	>JAK1-W104' FGYAPECLM	453	338
>JAK1-W104' FWYAPECL	320	>JAK1-W104' FGYAPECL	768	448
>JAK1-W104' FWYAPECL	244	>JAK1-W104' FGYAPECL	34022	33778

>JAK1-W104' FWYAPECLM	460	>JAK1-W104' FGYAPECLM	36896	36436
>JAK1-W104' VFWYAPECL	85	>JAK1-W104' VFGYAPECL	365	280
>JAK1-W104' VFWYAPECLM	350	>JAK1-W104' VFGYAPECLM	3302	2952
>JAK1-W104' PVFWYAPECI	294	>JAK1-W104' PVFGYAPECL	486	192
>JAK1-W104' SPVFWYAPEC	254	>JAK1-W104' SPVFGYAPEC	413	159
>JAK1-W104' SPVFWYAP	314	>JAK1-W104' SPVFGYAP	680	366
>JAK1-W104' DSPVFWYA	91	>JAK1-W104' DSPVFGYA	375	284
>JAK1-W104' RDSPVFWYA	141	>JAK1-W104' RDSPVFGYA	6230	6089
>JAK1-W104' DRDSPVFWY	251	>JAK1-W104' DRDSPVFGY	604	353
>JAK1-W104' DDRDSPVFW	1207	>JAK1-W104' DDRDSPVFGY	385	822
>JAK1-Y463S YVLRWSCT	263	>JAK1-Y463S SVLRWSCT	2893	2630
>JAK1-Y463S YVLRWSCTDF	356	>JAK1-Y463S SVLRWSCTDF	1997	1641
>JAK1-Y463S YVLRWSCTDF	388	>JAK1-Y463S SVLRWSCTDF	133	255
>JAK1-Y463S YVLRWSCTDF	230	>JAK1-Y463S SVLRWSCTDF	683	453
>JAK1-Y463S YVLRWSCTDF	42	>JAK1-Y463S SVLRWSCTDF	221	179
>JAK1-Y463S YVLRWSCTDF	127	>JAK1-Y463S SVLRWSCTDF	742	615
>JAK1-Y463S MYVLRWSCT	31	>JAK1-Y463S MSVLRWSCT	2012	1981
>JAK1-Y463S MYVLRWSCT	149	>JAK1-Y463S MSVLRWSCT	5734	5585
>JAK1-Y463S MYVLRWSCT	41	>JAK1-Y463S MSVLRWSCT	12719	12678
>JAK1-Y463S MYVLRWSCT	453	>JAK1-Y463S MSVLRWSCT	40	413
>JAK1-Y463S MYVLRWSCT	11748	>JAK1-Y463S MSVLRWSCT	4	11744
>JAK1-Y463S MYVLRWSCT	3384	>JAK1-Y463S MSVLRWSCT	490	2894
>JAK1-Y463S MYVLRWSCT	3841	>JAK1-Y463S MSVLRWSCT	94	3747
>JAK1-Y463S MYVLRWSC	90	>JAK1-Y463S MSVLRWSC	16423	16333
>JAK1-Y463S GMYVLRWSC	494	>JAK1-Y463S GMSVLRWSC	1324	830
>JAK1-Y463S GMYVLRWSC	40	>JAK1-Y463S GMSVLRWSC	1017	977
>JAK1-Y463S GMYVLRWSC	173	>JAK1-Y463S GMSVLRWSC	963	790
>JAK1-Y463S GMYVLRWSC	166	>JAK1-Y463S GMSVLRWSC	2058	1892
>JAK1-Y463S GMYVLRWSC	310	>JAK1-Y463S GMSVLRWSC	2420	2110
>JAK1-Y463S GMYVLRWSC	27	>JAK1-Y463S GMSVLRWSC	61	34
>JAK1-Y463S EGMVYVLRW	342	>JAK1-Y463S EGMSVLRW	261	81
>JAK1-Y463S EEGMYVLR	405	>JAK1-Y463S EEGMSVLR	422	17
>JAK1-Y463S EEGMYVLRW	324	>JAK1-Y463S EEGMSVLRW	263	61
>JAK1-Y463S EEGMYVLRW	27	>JAK1-Y463S EEGMSVLRW	33	6
>JAK1-Y463S EEGMYVLRW	110	>JAK1-Y463S EEGMSVLRW	126	16
>JAK1-Y463S EEGMYVLR	244	>JAK1-Y463S EEGMSVLR	427	183
>JAK1-Y463S SEEGMYVL	146	>JAK1-Y463S SEEGMSVL	141	5
>JAK1-Y463S SEEGMYVL	358	>JAK1-Y463S SEEGMSVL	1511	1153
>JAK1-Y463S SEEGMYVL	163	>JAK1-Y463S SEEGMSVL	180	17
>JAK1-Y463S SEEGMYVL	11	>JAK1-Y463S SEEGMSVL	18	7
>JAK1-Y463S SEEGMYVL	112	>JAK1-Y463S SEEGMSVL	206	94
>JAK1-Y463S SEEGMYVLR	14	>JAK1-Y463S SEEGMSVLR	14	0
>JAK1-Y463S SEEGMYVLR	23	>JAK1-Y463S SEEGMSVLR	36	13

>JAK1-Y463S SEEGMYVL	122	>JAK1-Y463S SEEGMSVL	556	434
>JAK1-Y463S SEEGMYVLR\	183	>JAK1-Y463S SEEGMSVLR\	350	167
>JAK1-Y463S SEEGMYVLR\	130	>JAK1-Y463S SEEGMSVLR\	347	217
>JAK1-Y463S SEEGMYVLR	356	>JAK1-Y463S SEEGMSVLR	542	186
>JAK1-Y463S GSEEGMYVLI	372	>JAK1-Y463S GSEEGMSVLI	262	110
>JAK1-Y463S GSEEGMYVL	94	>JAK1-Y463S GSEEGMSVL	41	53
>JAK1-Y463S GSEEGMYVLI	6	>JAK1-Y463S GSEEGMSVLI	5	1
>JAK1-Y463S GSEEGMYVLI	203	>JAK1-Y463S GSEEGMSVLI	257	54
>JAK1-Y463S GSEEGMYVL	457	>JAK1-Y463S GSEEGMSVL	17	440
>JAK1-Y463S GSEEGMYVLI	1391	>JAK1-Y463S GSEEGMSVLI	420	971
>JAK1-Y463S GSEEGMYVLI	316	>JAK1-Y463S GSEEGMSVLI	897	581
>JAK1-Y463S EGSEEGMYVI	53	>JAK1-Y463S EGSEEGMSVI	64	11
>JAK1-Y463S EGSEEGMYV	304	>JAK1-Y463S EGSEEGMSV	1603	1299
>JAK1-Y463S EGSEEGMYV	360	>JAK1-Y463S EGSEEGMSV	1220	860
>JAK1-Y463S EGSEEGMYVI	444	>JAK1-Y463S EGSEEGMSVI	802	358
>JAK1-Y463S QEGSEEGMY	295	>JAK1-Y463S QEGSEEGMS'	486	191
>JAK1-Y463S QEGSEEGMY	79	>JAK1-Y463S QEGSEEGMS'	69	10
>JAK1-Y463S RQEGSEEGM	40	>JAK1-Y463S RQEGSEEGM	86	46
>JAK1-Y463S RQEGSEEGM	259	>JAK1-Y463S RQEGSEEGM	1237	978
>JAK1-Y463S RQEGSEEGM	38	>JAK1-Y463S RQEGSEEGM	15976	15938
>JAK1-Y652HYLYGVCVRD\	23	>JAK1-Y652HHLYGVCVRD\	198	175
>JAK1-Y652HYLYGVCVRD\	28	>JAK1-Y652HHLYGVCVRD\	182	154
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>JAK1-Y652HYLYGVCVRD\	57	>JAK1-Y652HHLYGVCVRD\	624	567
>JAK1-Y652HYLYGVCVR	62	>JAK1-Y652HHLYGVCVR	2275	2213
>JAK1-Y652HYLYGVCVRD	93	>JAK1-Y652HHLYGVCVRD	4355	4262
>JAK1-Y652HYLYGVCVRD\	2	>JAK1-Y652HHLYGVCVRD\	6	4
>JAK1-Y652HYLYGVCVRD\	6	>JAK1-Y652HHLYGVCVRD\	52	46
>JAK1-Y652HYLYGVCVRD\	5	>JAK1-Y652HHLYGVCVRD\	13	8
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>JAK1-Y652HYLYGVCVR	30	>JAK1-Y652HHLYGVCVR	1580	1550
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>JAK1-Y652HYLYGVCVR	171	>JAK1-Y652HHLYGVCVR	40	131
>JAK1-Y652HYLYGVCVR	78	>JAK1-Y652HHLYGVCVR	44	34
>JAK1-Y652HYLYGVCVR	16	>JAK1-Y652HHLYGVCVR	25	9
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>JAK1-Y652HVYLYGVCV	459	>JAK1-Y652HVHLYGVCV	4932	4473
>JAK1-Y652HVYLYGVCVR	88	>JAK1-Y652HVHLYGVCVR	5730	5642
>JAK1-Y652HVYLYGVCVR	91	>JAK1-Y652HVHLYGVCVR	10557	10466
>JAK1-Y652HVYLYGVCVR	122	>JAK1-Y652HVHLYGVCVR	1284	1162
>JAK1-Y652HMRQVSHKHI'	34	>JAK1-Y652HMRQVSHKHI'	937	903

>JAK1-Y652HIVYLYGVC	19	>JAK1-Y652HIVHLYGVC	1476	1457
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>JAK1-Y652HIVYLYGVCV	221	>JAK1-Y652HIVHLYGVCV	2599	2378
>JAK1-Y652HIVYLYGVCV	316	>JAK1-Y652HIVHLYGVCV	1419	1103
>JAK1-Y652HIVYLYGVCV	380	>JAK1-Y652HIVHLYGVCV	1371	991
>JAK1-Y652HIVYLYGVCV	108	>JAK1-Y652HIVHLYGVCV	577	469
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>JAK1-Y652HIVYLYGVCV	71	>JAK1-Y652HIVHLYGVCV	2524	2453
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>JAK1-Y652HIVYLYGVCVR	323	>JAK1-Y652HIVHLYGVCVR	774	451
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>JAK1-Y652HIVYLYGVCVR	462	>JAK1-Y652HIVHLYGVCVR	847	385
>JAK1-Y652HIVYLYGVCVR	197	>JAK1-Y652HIVHLYGVCVR	357	160
>JAK1-Y652HHIVYLYGV	243	>JAK1-Y652HHIVHLYGV	369	126
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>JAK1-Y652HHIVYLYGV	49	>JAK1-Y652HHIVHLYGV	27	22
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>JAK1-Y652HHIVYLYGV	155	>JAK1-Y652HHIVHLYGV	81	74
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>JAK1-Y652HHIVYLYGVCV	72	>JAK1-Y652HHIVHLYGVCV	111	39
>JAK1-Y652HHIVYLYGVCV	114	>JAK1-Y652HHIVHLYGVCV	178	64
>JAK1-Y652HHIVYLYGVCV	23	>JAK1-Y652HHIVHLYGVCV	54	31
>JAK1-Y652HHIVYLYGV	11	>JAK1-Y652HHIVHLYGV	13	2
>JAK1-Y652HHIVYLYGVCV	95	>JAK1-Y652HHIVHLYGVCV	211	116
>JAK1-Y652HHIVYLYGV	30	>JAK1-Y652HHIVHLYGV	33	3
>JAK1-Y652HHIVYLYGVCV	63	>JAK1-Y652HHIVHLYGVCV	49	14
>JAK1-Y652HKKHIVYLYGV	290	>JAK1-Y652HKKHIVHLYGV	595	305
>JAK1-Y652HKKHIVYLYGVC	368	>JAK1-Y652HKKHIVHLYGVC	555	187
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>JAK1-Y652HKKHIVYLY	370	>JAK1-Y652HKKHIVHLY	208	162
>JAK1-Y652HKKHIVYLY	31	>JAK1-Y652HKKHIVHLY	42	11
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>JAK1-Y652HSHKHIVYLY	49	>JAK1-Y652HSHKHIVHLY	31	18
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>JAK1-Y652HSHKHIVYLY	292	>JAK1-Y652HSHKHIVHLY	333	41
>JAK1-Y652HSHKHIVYLY	367	>JAK1-Y652HSHKHIVHLY	995	628

>JAK1-Y652HVSHKHIVYL	138	>JAK1-Y652HVSHKHIVHL	63	75
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>JAK1-Y652HVSHKHIVY	436	>JAK1-Y652HVSHKHIVH	16505	16069
>JAK1-Y652HVSHKHIVYLY	335	>JAK1-Y652HVSHKHIVHLY	231	104
>JAK1-Y652HVSHKHIVYLY	175	>JAK1-Y652HVSHKHIVHLY	981	806
>JAK1-Y652HVSHKHIVYL	305	>JAK1-Y652HVSHKHIVHL	736	431
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>JAK1-Y652HVSHKHIVYLY	24	>JAK1-Y652HVSHKHIVHLY	43	19
>JAK1-Y652HVSHKHIVYLY	116	>JAK1-Y652HVSHKHIVHLY	92	24
>JAK1-Y652HVSHKHIVY	123	>JAK1-Y652HVSHKHIVH	8450	8327
>JAK1-Y652HVSHKHIVYLY	371	>JAK1-Y652HVSHKHIVHLY	380	9
>JAK1-Y652HVSHKHIVY	76	>JAK1-Y652HVSHKHIVH	3902	3826
>JAK1-Y652HVSHKHIVYL	308	>JAK1-Y652HVSHKHIVHL	315	7
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>JAK1-Y652HVSHKHIVYL	163	>JAK1-Y652HVSHKHIVHL	926	763
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>JAK1-Y652HQVSHKHIVYL	17	>JAK1-Y652HQVSHKHIVHL	16	1
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>JAK1-Y652HQVSHKHIVY	339	>JAK1-Y652HQVSHKHIVH	7239	6900
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>JAK1-Y652HQVSHKHIVYL	172	>JAK1-Y652HQVSHKHIVHL	353	181
>JAK1-Y652HRQVSHKHIVY	212	>JAK1-Y652HRQVSHKHIVH	1141	929
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>JAK1-Y652HRQVSHKHIVY	17	>JAK1-Y652HRQVSHKHIVH	33	16
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>JAK1-Y652HRQVSHKHIVY	4	>JAK1-Y652HRQVSHKHIVH	91	87
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>JAK1-Y652HRQVSHKHIVY	299	>JAK1-Y652HRQVSHKHIVF	5244	4945
>JAK1-Y652HRQVSHKHIVY	374	>JAK1-Y652HRQVSHKHIVF	214	160
>JAK1-Y652HRQVSHKHIVY	279	>JAK1-Y652HRQVSHKHIVF	337	58
>JAK1-Y652HRQVSHKHIVY	172	>JAK1-Y652HRQVSHKHIVF	265	93
>JAK1-Y652HRQVSHKHIVY	87	>JAK1-Y652HRQVSHKHIVF	95	8
>JAK1-Y652HRQVSHKHIVY	327	>JAK1-Y652HRQVSHKHIVF	433	106
>JAK1-Y652HRQVSHKHIVY	75	>JAK1-Y652HRQVSHKHIVF	67	8
>JAK2-C616Y CVCGDENILV	1278	>JAK2-C616Y YVCGDENILV	39	1239
>JAK2-C616Y CVCGDENILV	634	>JAK2-C616Y YVCGDENILV	53	581
>JAK2-C616Y CVCGDENILV	1457	>JAK2-C616Y YVCGDENILV	114	1343
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>JAK2-C616Y CVCGDENI	12417	>JAK2-C616Y YVCGDENI	404	12013
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>JAK2-C616Y CVCGDENI	14832	>JAK2-C616Y YVCGDENI	392	14440
>JAK2-C616Y CVCGDENIL	9705	>JAK2-C616Y YVCGDENIL	225	9480
>JAK2-C616Y CVCGDENILV	285	>JAK2-C616Y YVCGDENILV	5	280
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>JAK2-C616Y VCVCGDENI	29208	>JAK2-C616Y VYVCGDENI	120	29088
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>JAK2-C616Y VCVCGDENIL	23158	>JAK2-C616Y VYVCGDENIL	427	22731
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>JAK2-C616Y VCVCGDENIL	24028	>JAK2-C616Y VYVCGDENIL	129	23899
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>JAK2-C616Y GVCVCGDEN	1816	>JAK2-C616Y GVVVCGDEN	251	1565
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>JAK2-C616Y VLNYGVCV	55	>JAK2-C616Y VLNYGVVYV	14	41
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>JAK2-C616Y VLNYGVCV	17	>JAK2-C616Y VLNYGVVYV	5	12
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>JAK2-C616Y VLNYGVCV	6	>JAK2-C616Y VLNYGVVYV	2	4
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>JAK2-C616Y LVLNYGVCV	94	>JAK2-C616Y LVLNYGVVYV	17	77
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>JAK2-C616Y LVLNYGVCV	1307	>JAK2-C616Y LVLNYGVYV	157	1150
>JAK2-C616Y LVLNYGVCV	39	>JAK2-C616Y LVLNYGVYV	6	33
>JAK2-C616Y LVLNYGVCV	15	>JAK2-C616Y LVLNYGVYV	2	13
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>JAK2-C616Y LVLNYGVCV	60	>JAK2-C616Y LVLNYGVYV	11	49
>JAK2-C616Y LVLNYGVCV	25	>JAK2-C616Y LVLNYGVYV	11	14
>JAK2-C616Y LVLNYGVCV	55	>JAK2-C616Y LVLNYGVYV	14	41
>JAK2-C616Y LVLNYGVCV	17	>JAK2-C616Y LVLNYGVYV	4	13
>JAK2-C616Y LVLNYGVC	20323	>JAK2-C616Y LVLNYGVY	35	20288
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>JAK2-C616Y LVLNYGVC	28007	>JAK2-C616Y LVLNYGVY	490	27517
>JAK2-C616Y LVLNYGVC	13429	>JAK2-C616Y LVLNYGVY	365	13064
>JAK2-C616Y LVLNYGVC	19270	>JAK2-C616Y LVLNYGVY	134	19136
>JAK2-C616Y HLVLNYGVC\	546	>JAK2-C616Y HLVLNYGVY\	60	486
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>JAK2-C616Y HLVLNYGVC\	526	>JAK2-C616Y HLVLNYGVY\	133	393
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>JAK2-C616Y HLVLNYGVC\	17	>JAK2-C616Y HLVLNYGVY\	8	9
>JAK2-C616Y HLVLNYGVC\	54	>JAK2-C616Y HLVLNYGVY\	31	23
>JAK2-C616Y HLVLNYGVC\	263	>JAK2-C616Y HLVLNYGVY\	54	209
>JAK2-C616Y HLVLNYGVC\	12	>JAK2-C616Y HLVLNYGVY\	5	7
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>JAK2-C616Y HLVLNYGVC	30860	>JAK2-C616Y HLVLNYGVY	323	30537
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>JAK2-C616Y HLVLNYGVC	16214	>JAK2-C616Y HLVLNYGVY	165	16049
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>JAK2-C616Y KHLVLNYGVC	10138	>JAK2-C616Y KHLVLNYGVY	372	9766
>JAK2-C618F CGDENILV	9310	>JAK2-C618F FGDENILV	495	8815
>JAK2-C618F CGDENILV	3134	>JAK2-C618F FGDENILV	62	3072
>JAK2-C618F CGDENILV	2253	>JAK2-C618F FGDENILV	61	2192
>JAK2-C618F CGDENILV	7943	>JAK2-C618F FGDENILV	141	7802
>JAK2-C618F CGDENILV	8213	>JAK2-C618F FGDENILV	314	7899
>JAK2-C618F CGDENILVQE	1445	>JAK2-C618F FGDENILVQE	217	1228
>JAK2-C618F VCGDENILV	405	>JAK2-C618F VFGDENILV	264	141

>JAK2-C618F HLVLNYGVC\	10313	>JAK2-C618F HLVLNYGVC\	82	10231
>JAK2-C618F HLVLNYGVC\	19526	>JAK2-C618F HLVLNYGVC\	365	19161
>JAK2-C618F HLVLNYGVC\	12302	>JAK2-C618F HLVLNYGVC\	106	12196
>JAK2-C618F CVCGDENILV	1278	>JAK2-C618F CVFGDENILV	252	1026
>JAK2-C618F CVCGDENILV	634	>JAK2-C618F CVFGDENILV	104	530
>JAK2-C618F CVCGDENILV	1457	>JAK2-C618F CVFGDENILV	282	1175
>JAK2-C618F CVCGDENILV	267	>JAK2-C618F CVFGDENILV	101	166
>JAK2-C618F CVCGDENILV	2783	>JAK2-C618F CVFGDENILV	351	2432
>JAK2-C618F CVCGDENILV	285	>JAK2-C618F CVFGDENILV	46	239
>JAK2-C618F CVCGDENI	2021	>JAK2-C618F CVFGDENI	78	1943
>JAK2-C618F CVCGDENILV	815	>JAK2-C618F CVFGDENILV	159	656
>JAK2-C618F CVCGDENI	478	>JAK2-C618F CVFGDENI	155	323
>JAK2-C618F LNYGVCVC	13843	>JAK2-C618F LNYGVCVF	113	13730
>JAK2-C618F LNYGVCVC	12690	>JAK2-C618F LNYGVCVF	62	12628
>JAK2-C618F VLNYGVCVC	101	>JAK2-C618F VLNYGVCVF	1149	1048
>JAK2-C618F VLNYGVCVC	44	>JAK2-C618F VLNYGVCVF	2791	2747
>JAK2-C618F VLNYGVCVC	12600	>JAK2-C618F VLNYGVCVF	272	12328
>JAK2-C618F VLNYGVCVC	4340	>JAK2-C618F VLNYGVCVF	26	4314
>JAK2-C618F VLNYGVCVC	24520	>JAK2-C618F VLNYGVCVF	428	24092
>JAK2-C618F VLNYGVCVC	7284	>JAK2-C618F VLNYGVCVF	21	7263
>JAK2-C618F LVLNYGVCVC	9211	>JAK2-C618F LVLNYGVCVF	53	9158
>JAK2-C618F LVLNYGVCVC	7335	>JAK2-C618F LVLNYGVCVF	23	7312
>JAK2-C618F LVLNYGVCVC	19771	>JAK2-C618F LVLNYGVCVF	155	19616
>JAK2-C618R CGDENILV	2253	>JAK2-C618R RGDENILV	347	1906
>JAK2-C618R CGDENILVQE	5836	>JAK2-C618R RGDENILVQE	114	5722
>JAK2-C618R VCGDENILV	405	>JAK2-C618R VRGDENILV	5035	4630
>JAK2-C618R HLVLNYGVC\	17915	>JAK2-C618R HLVLNYGVC\	229	17686
>JAK2-C618R HLVLNYGVC\	36594	>JAK2-C618R HLVLNYGVC\	475	36119
>JAK2-C618R HLVLNYGVC\	38383	>JAK2-C618R HLVLNYGVC\	229	38154
>JAK2-C618R HLVLNYGVC\	34717	>JAK2-C618R HLVLNYGVC\	64	34653
>JAK2-C618R CVCGDENILV	267	>JAK2-C618R CVRGDENILV	1782	1515
>JAK2-C618R CVCGDENILV	285	>JAK2-C618R CVRGDENILV	395	110
>JAK2-C618R CVCGDENI	478	>JAK2-C618R CVRGDENI	1432	954
>JAK2-C618R LNYGVCVC	36483	>JAK2-C618R LNYGVCVR	176	36307
>JAK2-C618R VLNYGVCVC	101	>JAK2-C618R VLNYGVCVR	8055	7954
>JAK2-C618R VLNYGVCVC	44	>JAK2-C618R VLNYGVCVR	6796	6752
>JAK2-C618R VLNYGVCVC	18750	>JAK2-C618R VLNYGVCVR	125	18625
>JAK2-C618R LVLNYGVCVC	19055	>JAK2-C618R LVLNYGVCVR	86	18969
>JAK2-C618R LVLNYGVCVC	35102	>JAK2-C618R LVLNYGVCVR	469	34633
>JAK2-D544C DLIFNESL	11894	>JAK2-D544C GLIFNESL	199	11695
>JAK2-D544C DLIFNESL	988	>JAK2-D544C GLIFNESL	19	969
>JAK2-D544C DLIFNESL	5510	>JAK2-D544C GLIFNESL	74	5436
>JAK2-D544C DLIFNESL	1053	>JAK2-D544C GLIFNESL	41	1012



>JAK2-D544C DLIFNESL	1834	>JAK2-D544C GLIFNESL	15	1819
>JAK2-D544C DLIFNESL	5742	>JAK2-D544C GLIFNESL	272	5470
>JAK2-D544C DLIFNESL	398	>JAK2-D544C GLIFNESL	16	382
>JAK2-D544C EDLIFNESL	384	>JAK2-D544C EGLIFNESL	32711	32327
>JAK2-D544C NEDLIFNESL	76	>JAK2-D544C NEGLIFNESL	57	19
>JAK2-D544C NEDLIFNESL	434	>JAK2-D544C NEGLIFNESL	820	386
>JAK2-D544C NEDLIFNES	2059	>JAK2-D544C NEGLIFNES	239	1820
>JAK2-D544C NEDLIFNESL	229	>JAK2-D544C NEGLIFNESL	216	13
>JAK2-D544C IRNEDLIF	52	>JAK2-D544C IRNEGLIF	27	25
>JAK2-D544C KIRNEDLI	53	>JAK2-D544C KIRNEGLI	14	39
>JAK2-D544C KIRNEDLIF	739	>JAK2-D544C KIRNEGLIF	236	503
>JAK2-D544C KIRNEDLIFN	107	>JAK2-D544C KIRNEGLIFN	41	66
>JAK2-D544C KIRNEDLIF	457	>JAK2-D544C KIRNEGLIF	753	296
>JAK2-D544C KIRNEDLIF	297	>JAK2-D544C KIRNEGLIF	145	152
>JAK2-D544C KIRNEDLIF	93	>JAK2-D544C KIRNEGLIF	16	77
>JAK2-D544C KIRNEDLIF	194	>JAK2-D544C KIRNEGLIF	174	20
>JAK2-D544C KIRNEDLIF	899	>JAK2-D544C KIRNEGLIF	184	715
>JAK2-D544C HKIRNEDL	227	>JAK2-D544C HKIRNEGL	327	100
>JAK2-D544C HKIRNEDLIF	9	>JAK2-D544C HKIRNEGLIF	7	2
>JAK2-D544C FHKIRNEDLI	433	>JAK2-D544C FHKIRNEGLI	429	4
>JAK2-D544C FHKIRNEDLIF	73	>JAK2-D544C FHKIRNEGLIF	35	38
>JAK2-D544C VFHKIRNEDL	519	>JAK2-D544C VFHKIRNEGL	461	58
>JAK2-D544C VFHKIRNEDLI	261	>JAK2-D544C VFHKIRNEGLI	328	67
>JAK2-D544C MVFHKIRNEI	482	>JAK2-D544C MVFHKIRNEC	200	282
>JAK2-D544C MVFHKIRNEI	1898	>JAK2-D544C MVFHKIRNEC	398	1500
>JAK2-D544C MVFHKIRNEI	215	>JAK2-D544C MVFHKIRNEC	43	172
>JAK2-D544C MVFHKIRNEI	542	>JAK2-D544C MVFHKIRNEC	137	405
>JAK2-D544C MVFHKIRNEI	1265	>JAK2-D544C MVFHKIRNEC	130	1135
>JAK2-D544C MVFHKIRNEI	1498	>JAK2-D544C MVFHKIRNEC	164	1334
>JAK2-D544C MVFHKIRNEI	993	>JAK2-D544C MVFHKIRNEC	366	627
>JAK2-D544C MVFHKIRNEI	268	>JAK2-D544C MVFHKIRNEC	254	14
>JAK2-D544C MVFHKIRNEI	33	>JAK2-D544C MVFHKIRNEC	10	23
>JAK2-D544C MVFHKIRNEI	859	>JAK2-D544C MVFHKIRNEC	127	732
>JAK2-D620E DENILVQEF	418	>JAK2-D620E EENILVQEF	435	17
>JAK2-D620E DENILVQEFV	11	>JAK2-D620E EENILVQEFV	10	1
>JAK2-D620E DENILVQE	498	>JAK2-D620E EENILVQE	10509	10011
>JAK2-D620E DENILVQEF	7	>JAK2-D620E EENILVQEF	70	63
>JAK2-D620E DENILVQEFV	441	>JAK2-D620E EENILVQEFVI	7951	7510
>JAK2-D620E DENILVQEF	1108	>JAK2-D620E EENILVQEF	154	954
>JAK2-D620E DENILVQEF	78	>JAK2-D620E EENILVQEF	64	14
>JAK2-D620E DENILVQEFV	2378	>JAK2-D620E EENILVQEFV	268	2110
>JAK2-D620E DENILVQEF	120	>JAK2-D620E EENILVQEF	49	71
>JAK2-D620E DENILVQEFV	2725	>JAK2-D620E EENILVQEFV	424	2301

>JAK2-D620E DENILVQEFV	7488	>JAK2-D620E EENILVQEFVI	365	7123
>JAK2-D620E GDENILVQEF	1011	>JAK2-D620E GEENILVQEF'	31	980
>JAK2-D620E GDENILVQEF	15408	>JAK2-D620E GEENILVQEF'	43	15365
>JAK2-D620E GDENILVQEF	5738	>JAK2-D620E GEENILVQEF	122	5616
>JAK2-D620E GDENILVQEF	10313	>JAK2-D620E GEENILVQEF	159	10154
>JAK2-D620E GDENILVQEF	24884	>JAK2-D620E GEENILVQEF'	248	24636
>JAK2-D620E GDENILVQE	12287	>JAK2-D620E GEENILVQE	230	12057
>JAK2-D620E GDENILVQEF	6263	>JAK2-D620E GEENILVQEF	288	5975
>JAK2-D620E GDENILVQEF	1028	>JAK2-D620E GEENILVQEF'	16	1012
>JAK2-D620E GDENILVQEF	215	>JAK2-D620E GEENILVQEF'	9045	8830
>JAK2-D620E VCGDENILV	405	>JAK2-D620E VCGEENILV	1190	785
>JAK2-D620E CVCGDENILV	267	>JAK2-D620E CVCGEENILV	351	84
>JAK2-D620E CVCGDENILV	285	>JAK2-D620E CVCGEENILV	403	118
>JAK2-D620E CVCGDENI	478	>JAK2-D620E CVCGEENI	777	299
>JAK2-F537I- FHKIRNEDLI	433	>JAK2-F537I- IHKIRNEDLI	737	304
>JAK2-F537I- FHKIRNEDLIF	73	>JAK2-F537I- IHKIRNEDLIF	99	26
>JAK2-F537I- VFHKIRNEDLI	261	>JAK2-F537I- VIHKIRNEDLI	16589	16328
>JAK2-F537I- QRPTHMNQI	94	>JAK2-F537I- QRPTHMNQI	1489	1395
>JAK2-F537I- QRPTHMNQI	389	>JAK2-F537I- QRPTHMNQI	1041	652
>JAK2-F537I- MVFHKIRNEI	482	>JAK2-F537I- MVIHKIRNED	1514	1032
>JAK2-F537I- MVFHKIRNEI	215	>JAK2-F537I- MVIHKIRNED	805	590
>JAK2-F537I- MVFHKIRNEI	268	>JAK2-F537I- MVIHKIRNED	2810	2542
>JAK2-F537I- MVFHKIRNEI	33	>JAK2-F537I- MVIHKIRNED	66	33
>JAK2-F537I- QMVFHKIR	86	>JAK2-F537I- QMVIHKIR	103	17
>JAK2-F537I- QMVFHKIR	304	>JAK2-F537I- QMVIHKIR	682	378
>JAK2-F537I- QMVFHKIR	76	>JAK2-F537I- QMVIHKIR	65	11
>JAK2-F537I- NQMVFHKI	548	>JAK2-F537I- NQMVIHKI	375	173
>JAK2-F537I- NQMVFHKI	53	>JAK2-F537I- NQMVIHKI	76	23
>JAK2-F537I- NQMVFHKIR	99	>JAK2-F537I- NQMVIHKIR	116	17
>JAK2-F537I- NQMVFHKI	302	>JAK2-F537I- NQMVIHKI	924	622
>JAK2-F537I- NQMVFHKIR	364	>JAK2-F537I- NQMVIHKIR	2092	1728
>JAK2-F537I- NQMVFHKIR	128	>JAK2-F537I- NQMVIHKIR	453	325
>JAK2-F537I- MNQMVFHK	328	>JAK2-F537I- MNQMVIHKI	427	99
>JAK2-F537I- MNQMVFHK	178	>JAK2-F537I- MNQMVIHK	467	289
>JAK2-F537I- MNQMVFHK	328	>JAK2-F537I- MNQMVIHK	2050	1722
>JAK2-F537I- MNQMVFHK	280	>JAK2-F537I- MNQMVIHKI	352	72
>JAK2-F537I- MNQMVFHK	170	>JAK2-F537I- MNQMVIHKI	195	25
>JAK2-F537I- MNQMVFHK	170	>JAK2-F537I- MNQMVIHK	361	191
>JAK2-F537I- MNQMVFHK	404	>JAK2-F537I- MNQMVIHKI	795	391
>JAK2-F537I- MNQMVFHK	484	>JAK2-F537I- MNQMVIHKI	746	262
>JAK2-F537I- HMNQMVFH	481	>JAK2-F537I- HMNQMVHI	448	33
>JAK2-F537I- HMNQMVFH	244	>JAK2-F537I- HMNQMVHI	199	45
>JAK2-F537I- HMNQMVFH	12	>JAK2-F537I- HMNQMVHI	10	2

>JAK2-F537I- HMNQMVFH	34	>JAK2-F537I- HMNQMVIHI	42	8
>JAK2-F537I- HMNQMVFH	39	>JAK2-F537I- HMNQMVIHI	35	4
>JAK2-F537I- HMNQMVFH	49	>JAK2-F537I- HMNQMVIHI	50	1
>JAK2-F537I- HMNQMVFH	9	>JAK2-F537I- HMNQMVIHI	8	1
>JAK2-F537I- HMNQMVFH	322	>JAK2-F537I- HMNQMVIH	1696	1374
>JAK2-F537I- HMNQMVFH	35	>JAK2-F537I- HMNQMVIHI	36	1
>JAK2-F537I- HMNQMVFH	26	>JAK2-F537I- HMNQMVIHI	52	26
>JAK2-F537I- HMNQMVFH	105	>JAK2-F537I- HMNQMVIHI	44	61
>JAK2-F537I- HMNQMVFH	284	>JAK2-F537I- HMNQMVIH	2313	2029
>JAK2-F537I- HMNQMVFH	17	>JAK2-F537I- HMNQMVIHI	99	82
>JAK2-F537I- HMNQMVFH	13	>JAK2-F537I- HMNQMVIHI	18	5
>JAK2-F537I- HMNQMVFH	133	>JAK2-F537I- HMNQMVIHI	140	7
>JAK2-F537I- HMNQMVFH	292	>JAK2-F537I- HMNQMVIHI	1579	1287
>JAK2-F537I- HMNQMVFH	174	>JAK2-F537I- HMNQMVIHI	269	95
>JAK2-F537I- HMNQMVFH	82	>JAK2-F537I- HMNQMVIHI	285	203
>JAK2-F537I- HMNQMVFH	152	>JAK2-F537I- HMNQMVIHI	184	32
>JAK2-F537I- HMNQMVFH	441	>JAK2-F537I- HMNQMVIHI	998	557
>JAK2-F537I- HMNQMVFH	474	>JAK2-F537I- HMNQMVIHI	760	286
>JAK2-F537I- HMNQMVFH	129	>JAK2-F537I- HMNQMVIHI	121	8
>JAK2-F537I- HMNQMVFH	34	>JAK2-F537I- HMNQMVIHI	40	6
>JAK2-F537I- THMNQMV	318	>JAK2-F537I- THMNQMVH	599	281
>JAK2-F537I- THMNQMV	197	>JAK2-F537I- THMNQMV	5149	4952
>JAK2-F537I- THMNQMV	20	>JAK2-F537I- THMNQMV	966	946
>JAK2-F537I- THMNQMV	796	>JAK2-F537I- THMNQMV	379	417
>JAK2-F537I- THMNQMV	60	>JAK2-F537I- THMNQMV	37	23
>JAK2-F537I- THMNQMV	215	>JAK2-F537I- THMNQMVH	166	49
>JAK2-F537I- THMNQMV	457	>JAK2-F537I- THMNQMVH	1009	552
>JAK2-F537I- PTHMNQMV	396	>JAK2-F537I- PTHMNQMV	812	416
>JAK2-F537I- PTHMNQMV	4359	>JAK2-F537I- PTHMNQMV	205	4154
>JAK2-F537I- PTHMNQMV	20	>JAK2-F537I- PTHMNQMV	13	7
>JAK2-F537I- PTHMNQMV	421	>JAK2-F537I- PTHMNQMV	8922	8501
>JAK2-F537I- PTHMNQMV	465	>JAK2-F537I- PTHMNQMV	11529	11064
>JAK2-F537I- RPTHMNQM	30	>JAK2-F537I- RPTHMNQM	29	1
>JAK2-F537I- RPTHMNQM	74	>JAK2-F537I- RPTHMNQM	2363	2289
>JAK2-F537I- RPTHMNQM	111	>JAK2-F537I- RPTHMNQM	4249	4138
>JAK2-F537I- RPTHMNQM	261	>JAK2-F537I- RPTHMNQM	714	453
>JAK2-F537I- RPTHMNQM	115	>JAK2-F537I- RPTHMNQM	5065	4950
>JAK2-F537I- RPTHMNQM	198	>JAK2-F537I- RPTHMNQM	4507	4309
>JAK2-F547L- IFNESLGQG	21791	>JAK2-F547L- ILNESLGQG	393	21398
>JAK2-F547L- IFNESLGQGT	14819	>JAK2-F547L- ILNESLGQGT	48	14771
>JAK2-F547L- IFNESLGQ	26561	>JAK2-F547L- ILNESLGQ	75	26486
>JAK2-F547L- IFNESLGQGT	24846	>JAK2-F547L- ILNESLGQGT	38	24808
>JAK2-F547L- IFNESLGQGT	390	>JAK2-F547L- ILNESLGQGT	5672	5282

>JAK2-F547L·IFNESLGQGT	93	>JAK2-F547L·ILNESLGQGT	9954	9861
>JAK2-F547L·IFNESLGQGT	2031	>JAK2-F547L·ILNESLGQGT	90	1941
>JAK2-F547L·IFNESLGQGT	761	>JAK2-F547L·ILNESLGQGT	166	595
>JAK2-F547L·IFNESLGQGT	1887	>JAK2-F547L·ILNESLGQGT	176	1711
>JAK2-F547L·IFNESLGQGT	12077	>JAK2-F547L·ILNESLGQGT	167	11910
>JAK2-F547L·FHKIRNEDLIF	73	>JAK2-F547L·FHKIRNEDLIL	1904	1831
>JAK2-F547L·DLIFNESL	398	>JAK2-F547L·DLILNESL	516	118
>JAK2-F547L·EDLIFNESL	384	>JAK2-F547L·EDLILNESL	272	112
>JAK2-F547L·NEDLIFNESL	76	>JAK2-F547L·NEDLILNESL	64	12
>JAK2-F547L·NEDLIFNESL	434	>JAK2-F547L·NEDLILNESL	394	40
>JAK2-F547L·NEDLIFNESL	229	>JAK2-F547L·NEDLILNESL	281	52
>JAK2-F547L·IRNEDLIF	52	>JAK2-F547L·IRNEDLIL	586	534
>JAK2-F547L·KIRNEDLIF	739	>JAK2-F547L·KIRNEDLIL	48	691
>JAK2-F547L·KIRNEDLIFN	107	>JAK2-F547L·KIRNEDLILN	362	255
>JAK2-F547L·KIRNEDLIF	457	>JAK2-F547L·KIRNEDLIL	2152	1695
>JAK2-F547L·KIRNEDLIF	297	>JAK2-F547L·KIRNEDLIL	5690	5393
>JAK2-F547L·KIRNEDLIF	93	>JAK2-F547L·KIRNEDLIL	2644	2551
>JAK2-F547L·KIRNEDLIF	194	>JAK2-F547L·KIRNEDLIL	2537	2343
>JAK2-F547L·HKIRNEDLIF	9	>JAK2-F547L·HKIRNEDLIL	154	145
>JAK2-F547L·HKIRNEDLIF	543	>JAK2-F547L·HKIRNEDLIL	284	259
>JAK2-F547L·HKIRNEDLIF	6497	>JAK2-F547L·HKIRNEDLIL	297	6200
>JAK2-G571F·GQLHETEVEV	216	>JAK2-G571F·RQLHETEVEV	139	77
>JAK2-G571F·GQLHETEVEV	467	>JAK2-G571F·RQLHETEVEV	321	146
>JAK2-G571F·GQLHETEVEV	21	>JAK2-G571F·RQLHETEVEV	11	10
>JAK2-G571F·GQLHETEVEVL	182	>JAK2-G571F·RQLHETEVEVL	65	117
>JAK2-G571F·GQLHETEVEV	216	>JAK2-G571F·RQLHETEVEV	99	117
>JAK2-G571F·GQLHETEVEV	78	>JAK2-G571F·RQLHETEVEV	177	99
>JAK2-G571F·GQLHETEVEV	106	>JAK2-G571F·RQLHETEVEV	202	96
>JAK2-G571F·GQLHETEVEVLL	875	>JAK2-G571F·RQLHETEVEVLL	186	689
>JAK2-G571F·GQLHETEVEVLL	72	>JAK2-G571F·RQLHETEVEVLL	52	20
>JAK2-G571F·GQLHETEVEVLL	4349	>JAK2-G571F·RQLHETEVEVLL	120	4229
>JAK2-G571F·GQLHETEVEVL	2532	>JAK2-G571F·RQLHETEVEVL	91	2441
>JAK2-G571F·GQLHETEVEVLL	5641	>JAK2-G571F·RQLHETEVEVLL	223	5418
>JAK2-G571F·GQLHETEVEVL	835	>JAK2-G571F·RQLHETEVEVL	169	666
>JAK2-G571F·GQLHETEVEV	199	>JAK2-G571F·RQLHETEVEV	18	181
>JAK2-G571F·GQLHETEVEVL	77	>JAK2-G571F·RQLHETEVEVL	9	68
>JAK2-G571F·GQLHETEVEVLL	136	>JAK2-G571F·RQLHETEVEVLL	13	123
>JAK2-G571F·GQLHETEVEVLL	2052	>JAK2-G571F·RQLHETEVEVLL	159	1893
>JAK2-G571F·GQLHETEVEVLL	2095	>JAK2-G571F·RQLHETEVEVLL	235	1860
>JAK2-G571F·GQLHETEVEVLL	2092	>JAK2-G571F·RQLHETEVEVLL	192	1900
>JAK2-G571F·GQLHETEVEVL	434	>JAK2-G571F·RQLHETEVEVL	183	251
>JAK2-G571F·GQLHETEVEVLL	653	>JAK2-G571F·RQLHETEVEVLL	294	359
>JAK2-G571F·GQLHETEVEVL	1688	>JAK2-G571F·RQLHETEVEVL	453	1235

>JAK2-G571FGQLHETEVL	663	>JAK2-G571FRQLHETEVL	106	557
>JAK2-G571FGQLHETEVL	154	>JAK2-G571FRQLHETEVL	56	98
>JAK2-G571FGQLHETEVL	4851	>JAK2-G571FRQLHETEVL	258	4593
>JAK2-G571FYGQLHETEVL	21709	>JAK2-G571FYRQLHETEVL	454	21255
>JAK2-G571FYGQLHETEVL	30035	>JAK2-G571FYRQLHETEVL	218	29817
>JAK2-G571FYGQLHETEVL	17830	>JAK2-G571FYRQLHETEVL	91	17739
>JAK2-G571FYGQLHETEVL	8578	>JAK2-G571FYRQLHETEVL	110	8468
>JAK2-G571FYGQLHETEVL	9093	>JAK2-G571FYRQLHETEVL	167	8926
>JAK2-G571FYGQLHETEVL	21951	>JAK2-G571FYRQLHETEVL	122	21829
>JAK2-G571FYGQLHETEVL	29234	>JAK2-G571FYRQLHETEVL	438	28796
>JAK2-G571FYGQLHETEVL	20392	>JAK2-G571FYRQLHETEVL	25	20367
>JAK2-G571FKGVRREVGD'	22171	>JAK2-G571FKGVRREVGD'	108	22063
>JAK2-G571FKGVRREVGD'	29925	>JAK2-G571FKGVRREVGD'	69	29856
>JAK2-G571FDYGQLHETEVL	112	>JAK2-G571FDYRQLHETEVL	526	414
>JAK2-G571FDYGQLHETEVL	241	>JAK2-G571FDYRQLHETEVL	156	85
>JAK2-G571FDYGQLHETEVL	300	>JAK2-G571FDYRQLHETEVL	253	47
>JAK2-G571FEVGDYRQL	407	>JAK2-G571FEVGDYRQL	747	340
>JAK2-G571FEVGDYRQL	65	>JAK2-G571FEVGDYRQL	179	114
>JAK2-G571FEVGDYRQL	7	>JAK2-G571FEVGDYRQL	9	2
>JAK2-G571FEVGDYRQL	319	>JAK2-G571FEVGDYRQL	126	193
>JAK2-G571FEVGDYRQL	51	>JAK2-G571FEVGDYRQL	112	61
>JAK2-G571FRREVGDYRQL	39	>JAK2-G571FRREVGDYRQL	56	17
>JAK2-G571FRREVGDYRQL	74	>JAK2-G571FRREVGDYRQL	66	8
>JAK2-G571FRREVGDYRQL	210	>JAK2-G571FRREVGDYRQL	142	68
>JAK2-G571FRREVGDYRQL	59	>JAK2-G571FRREVGDYRQL	99	40
>JAK2-G571FRREVGDYRQL	307	>JAK2-G571FRREVGDYRQL	186	121
>JAK2-G571FRREVGDYRQL	36260	>JAK2-G571FRREVGDYRQL	482	35778
>JAK2-G571FRREVGDYRQL	337	>JAK2-G571FRREVGDYRQL	203	134
>JAK2-G571SGQLHETEVL	216	>JAK2-G571SSQLHETEVL	89	127
>JAK2-G571SGQLHETEVL	775	>JAK2-G571SSQLHETEVL	493	282
>JAK2-G571SGQLHETEVL	467	>JAK2-G571SSQLHETEVL	299	168
>JAK2-G571SGQLHETEVL	21	>JAK2-G571SSQLHETEVL	10	11
>JAK2-G571SGQLHETEVL	182	>JAK2-G571SSQLHETEVL	69	113
>JAK2-G571SGQLHETEVL	1912	>JAK2-G571SSQLHETEVL	447	1465
>JAK2-G571SGQLHETEVL	216	>JAK2-G571SSQLHETEVL	89	127
>JAK2-G571SGQLHETEVL	78	>JAK2-G571SSQLHETEVL	128	50
>JAK2-G571SGQLHETEVL	106	>JAK2-G571SSQLHETEVL	47	59
>JAK2-G571SGQLHETEVL	72	>JAK2-G571SSQLHETEVL	33	39
>JAK2-G571SGQLHETEVL	835	>JAK2-G571SSQLHETEVL	417	418
>JAK2-G571SGQLHETEVL	199	>JAK2-G571SSQLHETEVL	73	126
>JAK2-G571SGQLHETEVL	77	>JAK2-G571SSQLHETEVL	28	49
>JAK2-G571SGQLHETEVL	136	>JAK2-G571SSQLHETEVL	45	91
>JAK2-G571SGQLHETEVL	434	>JAK2-G571SSQLHETEVL	61	373

>JAK2-G571S GQLHETEVL	653	>JAK2-G571S SQLHETEVL	101	552
>JAK2-G571S GQLHETEVL	154	>JAK2-G571S SQLHETEVL	367	213
>JAK2-G571S GQLHETEVL	721	>JAK2-G571S SQLHETEVL	453	268
>JAK2-G571S YGQLHETEVL	15518	>JAK2-G571S YSQLHETEVL	127	15391
>JAK2-G571S YGQLHETEVL	13809	>JAK2-G571S YSQLHETEVL	99	13710
>JAK2-G571S YGQLHETEVL	8209	>JAK2-G571S YSQLHETEVL	403	7806
>JAK2-G571S YGQLHETEVL	1416	>JAK2-G571S YSQLHETEVL	94	1322
>JAK2-G571S YGQLHETEVL	23757	>JAK2-G571S YSQLHETEVL	498	23259
>JAK2-G571S DYGQLHETE	112	>JAK2-G571S DYSQLHETE	134	22
>JAK2-G571S GDYGQLHETI	241	>JAK2-G571S GDYSQLHETE	123	118
>JAK2-G571S GDYGQLHETI	300	>JAK2-G571S GDYSQLHETE	156	144
>JAK2-G571S EVGDYGQL	407	>JAK2-G571S EVGDYSQL	310	97
>JAK2-G571S EVGDYGQL	687	>JAK2-G571S EVGDYSQL	221	466
>JAK2-G571S EVGDYGQL	65	>JAK2-G571S EVGDYSQL	39	26
>JAK2-G571S EVGDYGQLH	574	>JAK2-G571S EVGDYSQLH	301	273
>JAK2-G571S REVDYDYGQL	7	>JAK2-G571S REVDYDYSQL	6	1
>JAK2-G571S REVDYDYGQL	319	>JAK2-G571S REVDYDYSQL	83	236
>JAK2-G571S REVDYDYGQL	988	>JAK2-G571S REVDYDYSQL	383	605
>JAK2-G571S REVDYDYGQL	51	>JAK2-G571S REVDYDYSQL	24	27
>JAK2-G571S RREVDYDYGQ	39	>JAK2-G571S RREVDYDYSQI	49	10
>JAK2-G571S RREVDYDYGQ	74	>JAK2-G571S RREVDYDYSQI	118	44
>JAK2-G571S RREVDYDYGQ	210	>JAK2-G571S RREVDYDYSQI	237	27
>JAK2-G571S RREVDYDYGQ	59	>JAK2-G571S RREVDYDYSQI	116	57
>JAK2-G571S RREVDYDYGQ	307	>JAK2-G571S RREVDYDYSQI	353	46
>JAK2-G571S VRREVDYDYG	1300	>JAK2-G571S VRREVDYDYS	355	945
>JAK2-G571S VRREVDYDYG	337	>JAK2-G571S VRREVDYDYS	180	157
>JAK2-H538C HKIRNEDL	227	>JAK2-H538C QKIRNEDL	227	0
>JAK2-H538C HKIRNEDLIF	9	>JAK2-H538C QKIRNEDLIF	9	0
>JAK2-H538C FHKIRNEDLI	433	>JAK2-H538C FQKIRNEDLI	256	177
>JAK2-H538C FHKIRNEDL	1195	>JAK2-H538C FQKIRNEDL	342	853
>JAK2-H538C FHKIRNEDLIF	12258	>JAK2-H538C FQKIRNEDLIF	50	12208
>JAK2-H538C FHKIRNEDLIF	3917	>JAK2-H538C FQKIRNEDLIF	137	3780
>JAK2-H538C FHKIRNEDL	3743	>JAK2-H538C FQKIRNEDL	256	3487
>JAK2-H538C FHKIRNEDLIF	73	>JAK2-H538C FQKIRNEDLIF	7	66
>JAK2-H538C VFHKIRNEDL	678	>JAK2-H538C VFQKIRNEDL	139	539
>JAK2-H538C VFHKIRNEDL	519	>JAK2-H538C VFQKIRNEDL	398	121
>JAK2-H538C VFHKIRNEDL	261	>JAK2-H538C VFQKIRNEDL	196	65
>JAK2-H538C MVFHKIRNEI	482	>JAK2-H538C MVFQKIRNEI	670	188
>JAK2-H538C MVFHKIRNEI	215	>JAK2-H538C MVFQKIRNEI	285	70
>JAK2-H538C MVFHKIRNEI	993	>JAK2-H538C MVFQKIRNEI	355	638
>JAK2-H538C MVFHKIRNEI	268	>JAK2-H538C MVFQKIRNEI	322	54
>JAK2-H538C MVFHKIRNEI	33	>JAK2-H538C MVFQKIRNEI	96	63
>JAK2-H538C QMVFHKIR	86	>JAK2-H538C QMVFQKIR	212	126

>JAK2-H538C QMVFHKIR	304	>JAK2-H538C QMVFQKIR	464	160
>JAK2-H538C QMVFHKIR	76	>JAK2-H538C QMVFQKIR	87	11
>JAK2-H538C NQMVFHKI	53	>JAK2-H538C NQMVFQKI	88	35
>JAK2-H538C NQMVFHKIR	99	>JAK2-H538C NQMVFQKIR	457	358
>JAK2-H538C NQMVFHKI	302	>JAK2-H538C NQMVFQKI	207	95
>JAK2-H538C NQMVFHKIR	364	>JAK2-H538C NQMVFQKIR	768	404
>JAK2-H538C NQMVFHKI	128	>JAK2-H538C NQMVFQKIR	286	158
>JAK2-H538C MNQMVFHK	328	>JAK2-H538C MNQMVFQK	745	417
>JAK2-H538C MNQMVFHK	178	>JAK2-H538C MNQMVFQK	139	39
>JAK2-H538C MNQMVFHK	328	>JAK2-H538C MNQMVFQK	965	637
>JAK2-H538C MNQMVFHK	280	>JAK2-H538C MNQMVFQK	726	446
>JAK2-H538C MNQMVFHK	170	>JAK2-H538C MNQMVFQK	815	645
>JAK2-H538C MNQMVFHK	170	>JAK2-H538C MNQMVFQK	175	5
>JAK2-H538C MNQMVFHK	404	>JAK2-H538C MNQMVFQK	854	450
>JAK2-H538C MNQMVFHK	484	>JAK2-H538C MNQMVFQK	374	110
>JAK2-H538C HMNQMVFH	481	>JAK2-H538C HMNQMVFQ	937	456
>JAK2-H538C HMNQMVFH	244	>JAK2-H538C HMNQMVFQ	436	192
>JAK2-H538C HMNQMVFH	12	>JAK2-H538C HMNQMVFQ	18	6
>JAK2-H538C HMNQMVFH	34	>JAK2-H538C HMNQMVFQ	117	83
>JAK2-H538C HMNQMVFH	39	>JAK2-H538C HMNQMVFQ	65	26
>JAK2-H538C HMNQMVFH	49	>JAK2-H538C HMNQMVFQ	135	86
>JAK2-H538C HMNQMVFH	13736	>JAK2-H538C HMNQMVFQ	435	13301
>JAK2-H538C HMNQMVFH	9	>JAK2-H538C HMNQMVFQ	15	6
>JAK2-H538C HMNQMVFH	322	>JAK2-H538C HMNQMVFQ	9934	9612
>JAK2-H538C HMNQMVFH	35	>JAK2-H538C HMNQMVFQ	38	3
>JAK2-H538C HMNQMVFH	26	>JAK2-H538C HMNQMVFQ	16	10
>JAK2-H538C HMNQMVFH	105	>JAK2-H538C HMNQMVFQ	266	161
>JAK2-H538C HMNQMVFH	284	>JAK2-H538C HMNQMVFQ	1715	1431
>JAK2-H538C HMNQMVFH	17	>JAK2-H538C HMNQMVFQ	27	10
>JAK2-H538C HMNQMVFH	13	>JAK2-H538C HMNQMVFQ	21	8
>JAK2-H538C HMNQMVFH	133	>JAK2-H538C HMNQMVFQ	132	1
>JAK2-H538C HMNQMVFH	292	>JAK2-H538C HMNQMVFQ	972	680
>JAK2-H538C HMNQMVFH	174	>JAK2-H538C HMNQMVFQ	312	138
>JAK2-H538C HMNQMVFH	82	>JAK2-H538C HMNQMVFQ	56	26
>JAK2-H538C HMNQMVFH	152	>JAK2-H538C HMNQMVFQ	170	18
>JAK2-H538C HMNQMVFH	441	>JAK2-H538C HMNQMVFQ	1511	1070
>JAK2-H538C HMNQMVFH	474	>JAK2-H538C HMNQMVFQ	1616	1142
>JAK2-H538C HMNQMVFH	129	>JAK2-H538C HMNQMVFQ	315	186
>JAK2-H538C HMNQMVFH	34	>JAK2-H538C HMNQMVFQ	44	10
>JAK2-H538C THMNQMV	318	>JAK2-H538C THMNQMV	616	298
>JAK2-H538C THMNQMV	215	>JAK2-H538C THMNQMV	633	418
>JAK2-H538C THMNQMV	457	>JAK2-H538C THMNQMV	491	34
>JAK2-H538C PTHMNQMV	396	>JAK2-H538C PTHMNQMV	206	190

>JAK2-H538C PTHMNQMV	20	>JAK2-H538C PTHMNQMV	35	15
>JAK2-H538C PTHMNQMV	721	>JAK2-H538C PTHMNQMV	497	224
>JAK2-H587M HRNYSESF	11	>JAK2-H587M NRNYSESF	34	23
>JAK2-H587M HRNYSESFF	11	>JAK2-H587M NRNYSESFF	53	42
>JAK2-H587M HRNYSESF	402	>JAK2-H587M NRNYSESF	3000	2598
>JAK2-H587M HRNYSESFFE	676	>JAK2-H587M NRNYSESFFE	436	240
>JAK2-H587M AHRNYSESF	853	>JAK2-H587M ANRNYSESF	57	796
>JAK2-H587M AHRNYSESFF	4569	>JAK2-H587M ANRNYSESFF	422	4147
>JAK2-H587M AHRNYSESF	5	>JAK2-H587M ANRNYSESF	14	9
>JAK2-H587M AHRNYSESFF	6	>JAK2-H587M ANRNYSESFF	17	11
>JAK2-H587M AHRNYSESF	892	>JAK2-H587M ANRNYSESF	170	722
>JAK2-H587M KAHRNYSES	47	>JAK2-H587M KANRNYSES	864	817
>JAK2-H587M KAHRNYSESF	484	>JAK2-H587M KANRNYSESF	3954	3470
>JAK2-H587M KAHRNYSESF	90	>JAK2-H587M KANRNYSESF	1152	1062
>JAK2-H587M KAHRNYSESF	319	>JAK2-H587M KANRNYSESF	269	50
>JAK2-H587M KAHRNYSESF	126	>JAK2-H587M KANRNYSESF	119	7
>JAK2-H587M KAHRNYSESF	8	>JAK2-H587M KANRNYSESF	9	1
>JAK2-H587M KAHRNYSESF	11	>JAK2-H587M KANRNYSESF	13	2
>JAK2-H587M KAHRNYSESF	22	>JAK2-H587M KANRNYSESF	42	20
>JAK2-H587M KAHRNYSESF	25	>JAK2-H587M KANRNYSESF	46	21
>JAK2-H587M KAHRNYSESF	164	>JAK2-H587M KANRNYSESF	136	28
>JAK2-H587M KAHRNYSESF	130	>JAK2-H587M KANRNYSESF	114	16
>JAK2-H587M KAHRNYSESF	41	>JAK2-H587M KANRNYSESF	17	24
>JAK2-H587M KAHRNYSESF	46	>JAK2-H587M KANRNYSESF	19	27
>JAK2-H587M KAHRNYSESF	135	>JAK2-H587M KANRNYSESF	110	25
>JAK2-H587M DKAHRNYSES	26	>JAK2-H587M DKANRNYSES	34	8
>JAK2-H587M VLDKAHRNY	200	>JAK2-H587M VLDKANRNY	589	389
>JAK2-H587M KVLDKAHRN`	240	>JAK2-H587M KVLDKANRN`	348	108
>JAK2-H587M KVLDKAHR	759	>JAK2-H587M KVLDKANR	459	300
>JAK2-H587M KVLDKAHRN`	691	>JAK2-H587M KVLDKANRN`	482	209
>JAK2-H587M KVLDKAHRN`	239	>JAK2-H587M KVLDKANRN`	403	164
>JAK2-H587M KVLDKAHRN`	270	>JAK2-H587M KVLDKANRN`	264	6
>JAK2-H587M KVLDKAHRN`	356	>JAK2-H587M KVLDKANRN`	285	71
>JAK2-H587M KVLDKAHR	12	>JAK2-H587M KVLDKANR	16	4
>JAK2-H587M KVLDKAHRN`	38	>JAK2-H587M KVLDKANRN`	95	57
>JAK2-H587M KVLDKAHRN`	19	>JAK2-H587M KVLDKANRN`	34	15
>JAK2-H587M KVLDKAHR	20	>JAK2-H587M KVLDKANR	35	15
>JAK2-H587M LKVLDKAHRM	35	>JAK2-H587M LKVLDKANRM	39	4
>JAK2-H587M LLKVLDKAHR	142	>JAK2-H587M LLKVLDKANR	125	17
>JAK2-H587M VLLKVLDKAH	79	>JAK2-H587M VLLKVLDKAN	101	22
>JAK2-H587M VLLKVLDKAH	351	>JAK2-H587M VLLKVLDKAN	595	244
>JAK2-H587M VLLKVLDKAH	471	>JAK2-H587M VLLKVLDKAN	698	227
>JAK2-H606C HKHLVLNY	467	>JAK2-H606C QKHLVLNY	1050	583



>JAK2-H606CHKHLVLNY	26	>JAK2-H606C QKHLVLNY	29	3
>JAK2-H606CSHKHLVLNYC	8856	>JAK2-H606C SQKHLVLNYC	54	8802
>JAK2-H606CSHKHLVLNYC	15328	>JAK2-H606C SQKHLVLNYC	47	15281
>JAK2-H606CSHKHLVLNY	438	>JAK2-H606C SQKHLVLNY	485	47
>JAK2-H606CSHKHLVLNY	1649	>JAK2-H606C SQKHLVLNY	439	1210
>JAK2-H606CSHKHLVLNY	17	>JAK2-H606C SQKHLVLNY	12	5
>JAK2-H606CSHKHLVLNY	5038	>JAK2-H606C SQKHLVLNY	30	5008
>JAK2-H606CSHKHLVLNYC	22012	>JAK2-H606C SQKHLVLNYC	486	21526
>JAK2-H606CSHKHLVLNY	52	>JAK2-H606C SQKHLVLNY	7	45
>JAK2-H606CSHKHLVLNYC	3452	>JAK2-H606C SQKHLVLNYC	243	3209
>JAK2-H606CEAASMMSKL	779	>JAK2-H606CEAASMMSKL	467	312
>JAK2-H606CLSHKHLVLNY	1597	>JAK2-H606C LSQKHLVLNY	358	1239
>JAK2-H606CLSHKHLVLNY	211	>JAK2-H606C LSQKHLVLNY	714	503
>JAK2-H606CLSHKHLVL	339	>JAK2-H606C LSQKHLVL	6708	6369
>JAK2-H606CLSHKHLVLNY	542	>JAK2-H606C LSQKHLVLNY	181	361
>JAK2-H606CLSHKHLVLNY	149	>JAK2-H606C LSQKHLVLNY	278	129
>JAK2-H606CLSHKHLVL	237	>JAK2-H606C LSQKHLVL	734	497
>JAK2-H606CLSHKHLVLNY	89	>JAK2-H606C LSQKHLVLNY	92	3
>JAK2-H606CLSHKHLVL	323	>JAK2-H606C LSQKHLVL	1198	875
>JAK2-H606CLSHKHLVLNY	47	>JAK2-H606C LSQKHLVLNY	162	115
>JAK2-H606CLSHKHLVL	38	>JAK2-H606C LSQKHLVL	82	44
>JAK2-H606CLSHKHLVLNY	6	>JAK2-H606C LSQKHLVLNY	9	3
>JAK2-H606CLSHKHLVLNY	462	>JAK2-H606C LSQKHLVLNY	275	187
>JAK2-H606CLSHKHLVL	297	>JAK2-H606C LSQKHLVL	388	91
>JAK2-H606CLSHKHLVLNY	173	>JAK2-H606C LSQKHLVLNY	77	96
>JAK2-H606CLSHKHLVL	329	>JAK2-H606C LSQKHLVL	325	4
>JAK2-H606CKLSHKHLV	44	>JAK2-H606C KLSQKHLV	62	18
>JAK2-H606CKLSHKHLV	10	>JAK2-H606C KLSQKHLV	13	3
>JAK2-H606CKLSHKHLVL	91	>JAK2-H606C KLSQKHLVL	118	27
>JAK2-H606CKLSHKHLV	8	>JAK2-H606C KLSQKHLV	14	6
>JAK2-H606CKLSHKHLVL	134	>JAK2-H606C KLSQKHLVL	380	246
>JAK2-H606CKLSHKHLV	114	>JAK2-H606C KLSQKHLV	211	97
>JAK2-H606CKLSHKHLV	8	>JAK2-H606C KLSQKHLV	6	2
>JAK2-H606CKLSHKHLVL	176	>JAK2-H606C KLSQKHLVL	90	86
>JAK2-H606CKLSHKHLV	15	>JAK2-H606C KLSQKHLV	23	8
>JAK2-H606CKLSHKHLVL	323	>JAK2-H606C KLSQKHLVL	715	392
>JAK2-H606CKLSHKHLV	12	>JAK2-H606C KLSQKHLV	9	3
>JAK2-H606CKLSHKHLVL	536	>JAK2-H606C KLSQKHLVL	236	300
>JAK2-H606CKLSHKHLV	58	>JAK2-H606C KLSQKHLV	33	25
>JAK2-H606CKLSHKHLV	3	>JAK2-H606C KLSQKHLV	2	1
>JAK2-H606CKLSHKHLVL	53	>JAK2-H606C KLSQKHLVL	20	33
>JAK2-H606CKLSHKHLVLN	46	>JAK2-H606C KLSQKHLVLN	76	30
>JAK2-H606CKLSHKHLVLN	36	>JAK2-H606C KLSQKHLVLN	46	10

>JAK2-H606C KLSHKHLVLN	72	>JAK2-H606C KLSQKHLVLN	93	21
>JAK2-H606C KLSHKHLVL	248	>JAK2-H606C KLSQKHLVL	293	45
>JAK2-H606C KLSHKHLVLN	4	>JAK2-H606C KLSQKHLVLN	5	1
>JAK2-H606C KLSHKHLVL	168	>JAK2-H606C KLSQKHLVL	111	57
>JAK2-H606C KLSHKHLVLN	101	>JAK2-H606C KLSQKHLVLN	95	6
>JAK2-H606C KLSHKHLVL	352	>JAK2-H606C KLSQKHLVL	1387	1035
>JAK2-H606C KLSHKHLVLN	81	>JAK2-H606C KLSQKHLVLN	222	141
>JAK2-H606C KLSHKHLVLN	81	>JAK2-H606C KLSQKHLVLN	66	15
>JAK2-H606C KLSHKHLVLN	166	>JAK2-H606C KLSQKHLVLN	285	119
>JAK2-H606C SKLSHKHL	37	>JAK2-H606C SKLSQKHL	56	19
>JAK2-H606C SKLSHKHLVL	39	>JAK2-H606C SKLSQKHLVL	61	22
>JAK2-H606C SKLSHKHLVL	72	>JAK2-H606C SKLSQKHLVL	91	19
>JAK2-H606C MSKLSHKHL	17	>JAK2-H606C MSKLSQKHL	51	34
>JAK2-H606C MSKLSHKHL\	24	>JAK2-H606C MSKLSQKHL\	34	10
>JAK2-H606C MSKLSHKHL\	16	>JAK2-H606C MSKLSQKHL\	32	16
>JAK2-H606C MSKLSHKHL	202	>JAK2-H606C MSKLSQKHL	797	595
>JAK2-H606C MSKLSHKHL\	84	>JAK2-H606C MSKLSQKHL\	160	76
>JAK2-H606C MSKLSHKHL	215	>JAK2-H606C MSKLSQKHL	471	256
>JAK2-H606C MSKLSHKHL\	183	>JAK2-H606C MSKLSQKHL\	322	139
>JAK2-H606C MSKLSHKH	387	>JAK2-H606C MSKLSQKH	577	190
>JAK2-H606C MSKLSHKHL	6	>JAK2-H606C MSKLSQKHL	11	5
>JAK2-H606C MSKLSHKHL\	6	>JAK2-H606C MSKLSQKHL\	8	2
>JAK2-H606C MSKLSHKHL\	474	>JAK2-H606C MSKLSQKHL\	693	219
>JAK2-H606C MMSKLSHKH	14	>JAK2-H606C MMSKLSQKH	22	8
>JAK2-H606C MMSKLSHKH	179	>JAK2-H606C MMSKLSQKH	219	40
>JAK2-H606C MMSKLSHKH	3	>JAK2-H606C MMSKLSQKH	3	0
>JAK2-H606C MMSKLSHKH	143	>JAK2-H606C MMSKLSQKH	386	243
>JAK2-H606C MMSKLSHKH	5	>JAK2-H606C MMSKLSQKH	6	1
>JAK2-H606C MMSKLSHKH	30	>JAK2-H606C MMSKLSQKH	50	20
>JAK2-H606C MMSKLSHKH	64	>JAK2-H606C MMSKLSQKH	109	45
>JAK2-H606C MMSKLSHKH	3	>JAK2-H606C MMSKLSQKH	4	1
>JAK2-H606C MMSKLSHKH	194	>JAK2-H606C MMSKLSQKH	200	6
>JAK2-H606C MMSKLSHKH	7	>JAK2-H606C MMSKLSQKH	9	2
>JAK2-H606C MMSKLSHKH	124	>JAK2-H606C MMSKLSQKH	103	21
>JAK2-H606C MMSKLSHKH	9	>JAK2-H606C MMSKLSQKH	8	1
>JAK2-H606C MMSKLSHKH	362	>JAK2-H606C MMSKLSQKH	348	14
>JAK2-H606C MMSKLSHKH	5	>JAK2-H606C MMSKLSQKH	6	1
>JAK2-H606C MMSKLSHKH	12	>JAK2-H606C MMSKLSQKH	14	2
>JAK2-H606C MMSKLSHKH	2	>JAK2-H606C MMSKLSQKH	2	0
>JAK2-H606C MMSKLSHK	35	>JAK2-H606C MMSKLSQK	38	3
>JAK2-H606C MMSKLSHKH	401	>JAK2-H606C MMSKLSQKH	749	348
>JAK2-H606C MMSKLSHK	26	>JAK2-H606C MMSKLSQK	22	4
>JAK2-H606C MMSKLSHK	110	>JAK2-H606C MMSKLSQK	230	120

>JAK2-H606C MMSKLSHK	54	>JAK2-H606C MMSKLSQK	134	80
>JAK2-H606C MMSKLSHK	61	>JAK2-H606C MMSKLSQK	57	4
>JAK2-H606C MMSKLSHKH	79	>JAK2-H606C MMSKLSQKH	143	64
>JAK2-H606C MMSKLSHKH	102	>JAK2-H606C MMSKLSQKH	290	188
>JAK2-H606C MMSKLSHKH	217	>JAK2-H606C MMSKLSQKH	280	63
>JAK2-H606C MMSKLSHKH	63	>JAK2-H606C MMSKLSQKH	60	3
>JAK2-H606C SMMSKLSHK	57	>JAK2-H606C SMMSKLSQK	82	25
>JAK2-H606C SMMSKLSHK	127	>JAK2-H606C SMMSKLSQK	72	55
>JAK2-H606C SMMSKLSHK	19	>JAK2-H606C SMMSKLSQK	14	5
>JAK2-H606C SMMSKLSHK	19	>JAK2-H606C SMMSKLSQK	18	1
>JAK2-H606C SMMSKLSHK	255	>JAK2-H606C SMMSKLSQK	321	66
>JAK2-H606C SMMSKLSHK	19	>JAK2-H606C SMMSKLSQK	24	5
>JAK2-H606C SMMSKLSHK	35	>JAK2-H606C SMMSKLSQK	23	12
>JAK2-H606C SMMSKLSHK	58	>JAK2-H606C SMMSKLSQK	44	14
>JAK2-H606C SMMSKLSHK	158	>JAK2-H606C SMMSKLSQK	73	85
>JAK2-H606C SMMSKLSH	10667	>JAK2-H606C SMMSKLSQ	203	10464
>JAK2-H606C SMMSKLSHK	11	>JAK2-H606C SMMSKLSQK	10	1
>JAK2-H606C SMMSKLSH	432	>JAK2-H606C SMMSKLSQ	11640	11208
>JAK2-H606C SMMSKLSHK	32	>JAK2-H606C SMMSKLSQK	34	2
>JAK2-H606C SMMSKLSHK	10	>JAK2-H606C SMMSKLSQK	8	2
>JAK2-H606C SMMSKLSHK	195	>JAK2-H606C SMMSKLSQK	515	320
>JAK2-H606C SMMSKLSHK	40	>JAK2-H606C SMMSKLSQK	63	23
>JAK2-H606C SMMSKLSHK	550	>JAK2-H606C SMMSKLSQK	346	204
>JAK2-H606C SMMSKLSHK	34	>JAK2-H606C SMMSKLSQK	56	22
>JAK2-H606C SMMSKLSH	454	>JAK2-H606C SMMSKLSQ	1091	637
>JAK2-H606C SMMSKLSHK	171	>JAK2-H606C SMMSKLSQK	286	115
>JAK2-H606C SMMSKLSHK	72	>JAK2-H606C SMMSKLSQK	92	20
>JAK2-H606C ASMMSKLSH	14	>JAK2-H606C ASMMSKLSQ	15	1
>JAK2-H606C ASMMSKLSH	171	>JAK2-H606C ASMMSKLSQ	5978	5807
>JAK2-H606C ASMMSKLSH	6	>JAK2-H606C ASMMSKLSQ	7	1
>JAK2-H606C ASMMSKLSH	247	>JAK2-H606C ASMMSKLSQ	1004	757
>JAK2-H606C ASMMSKLSH	18	>JAK2-H606C ASMMSKLSQ	32	14
>JAK2-H606C ASMMSKLSH	131	>JAK2-H606C ASMMSKLSQ	216	85
>JAK2-H606C ASMMSKLSH	212	>JAK2-H606C ASMMSKLSQ	190	22
>JAK2-H606C ASMMSKLSH	91	>JAK2-H606C ASMMSKLSQ	959	868
>JAK2-H606C ASMMSKLSH	201	>JAK2-H606C ASMMSKLSQ	188	13
>JAK2-H606C ASMMSKLSH	405	>JAK2-H606C ASMMSKLSQ	765	360
>JAK2-H606C ASMMSKLSH	85	>JAK2-H606C ASMMSKLSQ	90	5
>JAK2-H606C ASMMSKLSH	271	>JAK2-H606C ASMMSKLSQ	1513	1242
>JAK2-H606C AASMMSKLS	73	>JAK2-H606C AASMMSKLS	45	28
>JAK2-H606C AASMMSKLS	108	>JAK2-H606C AASMMSKLS	227	119
>JAK2-H608Y HLVLNLYGV	232	>JAK2-H608Y YLVLNLYGV	23	209
>JAK2-H608Y HLVLNLYGVCV	546	>JAK2-H608Y YLVLNLYGVCV	44	502

>JAK2-H608YHLVLNYGV	33	>JAK2-H608Y YLVLNYGV	8	25
>JAK2-H608YHLVLNYGVC\	454	>JAK2-H608Y YLVLNYGVCV	71	383
>JAK2-H608YHLVLNYGV	40	>JAK2-H608Y YLVLNYGV	5	35
>JAK2-H608YHLVLNYGVC\	497	>JAK2-H608Y YLVLNYGVCV	67	430
>JAK2-H608YHLVLNYGV	90	>JAK2-H608Y YLVLNYGV	11	79
>JAK2-H608YHLVLNYGVC\	526	>JAK2-H608Y YLVLNYGVCV	56	470
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>JAK2-H608YHLVLNYGVC	6928	>JAK2-H608Y YLVLNYGVC	310	6618
>JAK2-H608YHLVLNYGVC\	57	>JAK2-H608Y YLVLNYGVCV	4	53
>JAK2-H608YHLVLNYGVC\	1843	>JAK2-H608Y YLVLNYGVCV	55	1788
>JAK2-H608YHLVLNYGV	7	>JAK2-H608Y YLVLNYGV	3	4
>JAK2-H608YHLVLNYGVC\	17	>JAK2-H608Y YLVLNYGVCV	4	13
>JAK2-H608YHLVLNYGVC\	2176	>JAK2-H608Y YLVLNYGVCV	156	2020
>JAK2-H608YHLVLNYGV	35	>JAK2-H608Y YLVLNYGV	6	29
>JAK2-H608YHLVLNYGVC\	54	>JAK2-H608Y YLVLNYGVCV	8	46
>JAK2-H608YHLVLNYGV	33	>JAK2-H608Y YLVLNYGV	3	30
>JAK2-H608YHLVLNYGVC\	263	>JAK2-H608Y YLVLNYGVCV	6	257
>JAK2-H608YHLVLNYGV	4	>JAK2-H608Y YLVLNYGV	2	2
>JAK2-H608YHLVLNYGVC	6876	>JAK2-H608Y YLVLNYGVC	253	6623
>JAK2-H608YHLVLNYGVC\	12	>JAK2-H608Y YLVLNYGVCV	2	10
>JAK2-H608YHLVLNYGVC\	694	>JAK2-H608Y YLVLNYGVCV	29	665
>JAK2-H608YHLVLNYGV	95	>JAK2-H608Y YLVLNYGV	173	78
>JAK2-H608YHLVLNYGV	154	>JAK2-H608Y YLVLNYGV	81	73
>JAK2-H608YKHLVLNYGV	14136	>JAK2-H608Y KYLVLNYGV	109	14027
>JAK2-H608YKHLVLNYGV	4103	>JAK2-H608Y KYLVLNYGV	488	3615
>JAK2-H608YKHLVLNYGV	4347	>JAK2-H608Y KYLVLNYGV	350	3997
>JAK2-H608YKHLVLNYGVC	4363	>JAK2-H608Y KYLVLNYGVC	355	4008
>JAK2-H608YKHLVLNYGV	17701	>JAK2-H608Y KYLVLNYGV	183	17518
>JAK2-H608YKHLVLNYGVC	16983	>JAK2-H608Y KYLVLNYGVC	341	16642
>JAK2-H608YKHLVLNYGV	4272	>JAK2-H608Y KYLVLNYGV	384	3888
>JAK2-H608YKHLVLNYG	10426	>JAK2-H608Y KYLVLNYG	211	10215
>JAK2-H608YKHLVLNYGV	10279	>JAK2-H608Y KYLVLNYGV	103	10176
>JAK2-H608YKHLVLNYGVC	14471	>JAK2-H608Y KYLVLNYGVC	250	14221
>JAK2-H608YASMMSKLSH	19821	>JAK2-H608Y ASMMSKLSH	313	19508
>JAK2-H608YASMMSKLSH	247	>JAK2-H608Y ASMMSKLSH	26	221
>JAK2-H608YASMMSKLSH	15267	>JAK2-H608Y ASMMSKLSH	392	14875
>JAK2-H608YASMMSKLSH	4376	>JAK2-H608Y ASMMSKLSH	27	4349
>JAK2-H608YASMMSKLSH	7881	>JAK2-H608Y ASMMSKLSH	166	7715
>JAK2-H608YASMMSKLSH	2471	>JAK2-H608Y ASMMSKLSH	50	2421
>JAK2-H608YASMMSKLSH	201	>JAK2-H608Y ASMMSKLSH	3	198
>JAK2-H608YASMMSKLSH	10262	>JAK2-H608Y ASMMSKLSH	157	10105
>JAK2-H608YASMMSKLSH	1196	>JAK2-H608Y ASMMSKLSH	51	1145
>JAK2-H608YASMMSKLSH	271	>JAK2-H608Y ASMMSKLSH	291	20

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>JAK2-H608Y HKHLVLNY	467	>JAK2-H608Y HKYLVLNY	333	134
>JAK2-H608Y HKHLVLNY	26	>JAK2-H608Y HKYLVLNY	8	18
>JAK2-H608Y HKHLVLNYG\	1759	>JAK2-H608Y HKYLVLNYGV	378	1381
>JAK2-H608Y SHKHLVLNY	438	>JAK2-H608Y SHKYLVNLNY	247	191
>JAK2-H608Y SHKHLVLNY	17	>JAK2-H608Y SHKYLVNLNY	22	5
>JAK2-H608Y SHKHLVLNY	52	>JAK2-H608Y SHKYLVNLNY	103	51
>JAK2-H608Y LSHKHLVL	2770	>JAK2-H608Y LSHKYLVL	193	2577
>JAK2-H608Y LSHKHLVLNY	211	>JAK2-H608Y LSHKYLVNLNY	472	261
>JAK2-H608Y LSHKHLVLNY	973	>JAK2-H608Y LSHKYLVNLNY	139	834
>JAK2-H608Y LSHKHLVL	339	>JAK2-H608Y LSHKYLVL	432	93
>JAK2-H608Y LSHKHLVLNY	542	>JAK2-H608Y LSHKYLVNLNY	156	386
>JAK2-H608Y LSHKHLVLNY	149	>JAK2-H608Y LSHKYLVNLNY	64	85
>JAK2-H608Y LSHKHLVL	237	>JAK2-H608Y LSHKYLVL	571	334
>JAK2-H608Y LSHKHLVLNY	89	>JAK2-H608Y LSHKYLVNLNY	101	12
>JAK2-H608Y LSHKHLVL	323	>JAK2-H608Y LSHKYLVL	202	121
>JAK2-H608Y LSHKHLVLNY	47	>JAK2-H608Y LSHKYLVNLNY	33	14
>JAK2-H608Y LSHKHLVL	38	>JAK2-H608Y LSHKYLVL	38	0
>JAK2-H608Y LSHKHLVLNY	6	>JAK2-H608Y LSHKYLVNLNY	5	1
>JAK2-H608Y LSHKHLVLNY	462	>JAK2-H608Y LSHKYLVNLNY	377	85
>JAK2-H608Y LSHKHLVL	297	>JAK2-H608Y LSHKYLVL	286	11
>JAK2-H608Y LSHKHLVLNY	173	>JAK2-H608Y LSHKYLVNLNY	159	14
>JAK2-H608Y LSHKHLVL	329	>JAK2-H608Y LSHKYLVL	279	50
>JAK2-H608Y KLSHKHLV	44	>JAK2-H608Y KLSHKYLV	18	26
>JAK2-H608Y KLSHKHLVL	1056	>JAK2-H608Y KLSHKYLVL	260	796
>JAK2-H608Y KLSHKHLV	10	>JAK2-H608Y KLSHKYLV	6	4
>JAK2-H608Y KLSHKHLVL	91	>JAK2-H608Y KLSHKYLVL	32	59
>JAK2-H608Y KLSHKHLV	8	>JAK2-H608Y KLSHKYLV	7	1
>JAK2-H608Y KLSHKHLVL	134	>JAK2-H608Y KLSHKYLVL	34	100
>JAK2-H608Y KLSHKHLV	114	>JAK2-H608Y KLSHKYLV	56	58
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>JAK2-H608Y KLSHKHLVL	176	>JAK2-H608Y KLSHKYLVL	184	8
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>JAK2-H608Y KLSHKHLV	58	>JAK2-H608Y KLSHKYLV	33	25
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>JAK2-H608Y KLSHKHLVL	53	>JAK2-H608Y KLSHKYLVL	50	3
>JAK2-H608Y KLSHKHLVLN	46	>JAK2-H608Y KLSHKYLVLN'	45	1
>JAK2-H608Y KLSHKHLVLN	36	>JAK2-H608Y KLSHKYLVLN'	40	4
>JAK2-H608Y KLSHKHLVLN	72	>JAK2-H608Y KLSHKYLVLN'	76	4
>JAK2-H608Y KLSHKHLVL	248	>JAK2-H608Y KLSHKYLVL	728	480

>JAK2-H608Y KLSHKHLVLN	4	>JAK2-H608Y KLSHKYLVLN'	5	1
>JAK2-H608Y KLSHKHLVL	168	>JAK2-H608Y KLSHKYLVL	197	29
>JAK2-H608Y KLSHKHLVLN	101	>JAK2-H608Y KLSHKYLVLN'	115	14
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>JAK2-H608Y KLSHKHLVLN	81	>JAK2-H608Y KLSHKYLVLN'	64	17
>JAK2-H608Y KLSHKHLVLN	81	>JAK2-H608Y KLSHKYLVLN'	158	77
>JAK2-H608Y KLSHKHLVLN	166	>JAK2-H608Y KLSHKYLVLN'	164	2
>JAK2-H608Y SKLSHKHL	37	>JAK2-H608Y SKLSHKYL	31	6
>JAK2-H608Y SKLSHKHLV	665	>JAK2-H608Y SKLSHKYLV	456	209
>JAK2-H608Y SKLSHKHLVL	39	>JAK2-H608Y SKLSHKYLVL	29	10
>JAK2-H608Y SKLSHKHLVL	72	>JAK2-H608Y SKLSHKYLVL	86	14
>JAK2-H608Y MSKLSHKH	15518	>JAK2-H608Y MSKLSHKY	254	15264
>JAK2-H608Y MSKLSHKH	1067	>JAK2-H608Y MSKLSHKY	94	973
>JAK2-H608Y MSKLSHKHL	17	>JAK2-H608Y MSKLSHKYL	10	7
>JAK2-H608Y MSKLSHKHLV	24	>JAK2-H608Y MSKLSHKYLV	27	3
>JAK2-H608Y MSKLSHKHLV	16	>JAK2-H608Y MSKLSHKYLV	17	1
>JAK2-H608Y MSKLSHKH	8121	>JAK2-H608Y MSKLSHKY	80	8041
>JAK2-H608Y MSKLSHKHL	202	>JAK2-H608Y MSKLSHKYL	476	274
>JAK2-H608Y MSKLSHKHLV	84	>JAK2-H608Y MSKLSHKYLV	105	21
>JAK2-H608Y MSKLSHKH	12637	>JAK2-H608Y MSKLSHKY	363	12274
>JAK2-H608Y MSKLSHKH	5778	>JAK2-H608Y MSKLSHKY	134	5644
>JAK2-H608Y MSKLSHKHL	215	>JAK2-H608Y MSKLSHKYL	183	32
>JAK2-H608Y MSKLSHKHLV	183	>JAK2-H608Y MSKLSHKYLV	144	39
>JAK2-H608Y MSKLSHKH	387	>JAK2-H608Y MSKLSHKY	4	383
>JAK2-H608Y MSKLSHKHL	6	>JAK2-H608Y MSKLSHKYL	6	0
>JAK2-H608Y MSKLSHKHLV	6	>JAK2-H608Y MSKLSHKYLV	8	2
>JAK2-H608Y MSKLSHKH	11063	>JAK2-H608Y MSKLSHKY	210	10853
>JAK2-H608Y MSKLSHKHL	1883	>JAK2-H608Y MSKLSHKYL	230	1653
>JAK2-H608Y MSKLSHKH	7241	>JAK2-H608Y MSKLSHKY	185	7056
>JAK2-H608Y MSKLSHKHL	2454	>JAK2-H608Y MSKLSHKYL	489	1965
>JAK2-H608Y MSKLSHKHLV	474	>JAK2-H608Y MSKLSHKYLV	485	11
>JAK2-H608Y MMSKLSHKH	18763	>JAK2-H608Y MMSKLSHKY	268	18495
>JAK2-H608Y MMSKLSHKH	2306	>JAK2-H608Y MMSKLSHKY	319	1987
>JAK2-H608Y MMSKLSHKH	14	>JAK2-H608Y MMSKLSHKY	10	4
>JAK2-H608Y MMSKLSHKH	179	>JAK2-H608Y MMSKLSHKY	33	146
>JAK2-H608Y MMSKLSHKH	3	>JAK2-H608Y MMSKLSHKY	2	1
>JAK2-H608Y MMSKLSHKH	143	>JAK2-H608Y MMSKLSHKY	38	105
>JAK2-H608Y MMSKLSHKH	5	>JAK2-H608Y MMSKLSHKY	5	0
>JAK2-H608Y MMSKLSHKH	30	>JAK2-H608Y MMSKLSHKY	27	3
>JAK2-H608Y MMSKLSHKH	64	>JAK2-H608Y MMSKLSHKY	12	52
>JAK2-H608Y MMSKLSHKH	3	>JAK2-H608Y MMSKLSHKY	3	0
>JAK2-H608Y MMSKLSHKH	194	>JAK2-H608Y MMSKLSHKY	75	119
>JAK2-H608Y MMSKLSHKH	7	>JAK2-H608Y MMSKLSHKY	5	2

>JAK2-H608Y MMSKLSHKH	124	>JAK2-H608Y MMSKLSHKY	69	55
>JAK2-H608Y MMSKLSHKH	9	>JAK2-H608Y MMSKLSHKY	9	0
>JAK2-H608Y MMSKLSHKH	362	>JAK2-H608Y MMSKLSHKY	52	310
>JAK2-H608Y MMSKLSHKH	5	>JAK2-H608Y MMSKLSHKY	5	0
>JAK2-H608Y MMSKLSHKH	12	>JAK2-H608Y MMSKLSHKY	7	5
>JAK2-H608Y MMSKLSHKH	2	>JAK2-H608Y MMSKLSHKY	2	0
>JAK2-H608Y MMSKLSHKH	401	>JAK2-H608Y MMSKLSHKY	119	282
>JAK2-H608Y MMSKLSHKH	3029	>JAK2-H608Y MMSKLSHKY	246	2783
>JAK2-H608Y MMSKLSHKH	625	>JAK2-H608Y MMSKLSHKY	12	613
>JAK2-H608Y MMSKLSHKH	884	>JAK2-H608Y MMSKLSHKY	7	877
>JAK2-H608Y MMSKLSHKH	1696	>JAK2-H608Y MMSKLSHKY	467	1229
>JAK2-H608Y MMSKLSHKH	3100	>JAK2-H608Y MMSKLSHKY	413	2687
>JAK2-H608Y MMSKLSHKH	79	>JAK2-H608Y MMSKLSHKY	45	34
>JAK2-H608Y MMSKLSHKH	102	>JAK2-H608Y MMSKLSHKY	197	95
>JAK2-H608Y MMSKLSHKH	8275	>JAK2-H608Y MMSKLSHKY	13	8262
>JAK2-H608Y MMSKLSHKH	3192	>JAK2-H608Y MMSKLSHKY	55	3137
>JAK2-H608Y MMSKLSHKH	217	>JAK2-H608Y MMSKLSHKY	571	354
>JAK2-H608Y MMSKLSHKH	6024	>JAK2-H608Y MMSKLSHKY	108	5916
>JAK2-H608Y MMSKLSHKH	1510	>JAK2-H608Y MMSKLSHKY	24	1486
>JAK2-H608Y MMSKLSHKH	63	>JAK2-H608Y MMSKLSHKY	57	6
>JAK2-H608Y MMSKLSHKH	16913	>JAK2-H608Y MMSKLSHKY	168	16745
>JAK2-H608Y MMSKLSHKH	1330	>JAK2-H608Y MMSKLSHKY	42	1288
>JAK2-H608Y MMSKLSHKH	10111	>JAK2-H608Y MMSKLSHKY	115	9996
>JAK2-H608Y MMSKLSHKH	24825	>JAK2-H608Y MMSKLSHKY	40	24785
>JAK2-H608Y MMSKLSHKH	19793	>JAK2-H608Y MMSKLSHKY	304	19489
>JAK2-H608Y SMMSKLSHK	2058	>JAK2-H608Y SMMSKLSHK	499	1559
>JAK2-H608Y SMMSKLSHK	57	>JAK2-H608Y SMMSKLSHK	126	69
>JAK2-H608Y SMMSKLSHK	127	>JAK2-H608Y SMMSKLSHK	33	94
>JAK2-H608Y SMMSKLSHK	19	>JAK2-H608Y SMMSKLSHK	6	13
>JAK2-H608Y SMMSKLSHK	19	>JAK2-H608Y SMMSKLSHK	11	8
>JAK2-H608Y SMMSKLSHK	255	>JAK2-H608Y SMMSKLSHK	162	93
>JAK2-H608Y SMMSKLSHK	19	>JAK2-H608Y SMMSKLSHK	5	14
>JAK2-H608Y SMMSKLSHK	35	>JAK2-H608Y SMMSKLSHK	14	21
>JAK2-H608Y SMMSKLSHK	58	>JAK2-H608Y SMMSKLSHK	31	27
>JAK2-H608Y SMMSKLSHK	158	>JAK2-H608Y SMMSKLSHK	24	134
>JAK2-H608Y SMMSKLSHK	11	>JAK2-H608Y SMMSKLSHK	7	4
>JAK2-H608Y SMMSKLSHK	1676	>JAK2-H608Y SMMSKLSHK	53	1623
>JAK2-H608Y SMMSKLSHK	4837	>JAK2-H608Y SMMSKLSHK	72	4765
>JAK2-H608Y SMMSKLSHK	9811	>JAK2-H608Y SMMSKLSHK	224	9587
>JAK2-H608Y SMMSKLSHK	23342	>JAK2-H608Y SMMSKLSHK	286	23056
>JAK2-H608Y SMMSKLSHK	12012	>JAK2-H608Y SMMSKLSHK	43	11969
>JAK2-H608Y SMMSKLSHK	9274	>JAK2-H608Y SMMSKLSHK	29	9245
>JAK2-H608Y SMMSKLSHK	34	>JAK2-H608Y SMMSKLSHK	50	16

>JAK2-H608Y SMMSKLSHK	2370	>JAK2-H608Y SMMSKLSHK	54	2316
>JAK2-H608Y SMMSKLSHK	171	>JAK2-H608Y SMMSKLSHK	455	284
>JAK2-H608Y SMMSKLSHK	2215	>JAK2-H608Y SMMSKLSHK	45	2170
>JAK2-H608Y SMMSKLSHK	2160	>JAK2-H608Y SMMSKLSHK	28	2132
>JAK2-H608Y SMMSKLSHK	72	>JAK2-H608Y SMMSKLSHK	64	8
>JAK2-H608Y SMMSKLSHK	15882	>JAK2-H608Y SMMSKLSHK	192	15690
>JAK2-H608Y SMMSKLSHK	21389	>JAK2-H608Y SMMSKLSHK	485	20904
>JAK2-I166T- WIKVPVTHEI	5547	>JAK2-I166T- WTKVPVTHE	173	5374
>JAK2-I166T- QWRHDFVHC	499	>JAK2-I166T- QWRHDFVHC	1061	562
>JAK2-I166T- FVHGWIKV	31	>JAK2-I166T- FVHGWTKV	55	24
>JAK2-I166T- FVHGWIKVP\	52	>JAK2-I166T- FVHGWTKVP	73	21
>JAK2-I166T- FVHGWIKV	115	>JAK2-I166T- FVHGWTKV	54	61
>JAK2-I166T- FVHGWIKVP\	35	>JAK2-I166T- FVHGWTKVP	41	6
>JAK2-I166T- FVHGWIKV	15	>JAK2-I166T- FVHGWTKV	7	8
>JAK2-I166T- FVHGWIKVP\	24	>JAK2-I166T- FVHGWTKVP	24	0
>JAK2-I166T- FVHGWIKV	12	>JAK2-I166T- FVHGWTKV	12	0
>JAK2-I166T- FVHGWIKVP\	45	>JAK2-I166T- FVHGWTKVP	44	1
>JAK2-I166T- FVHGWIKV	3	>JAK2-I166T- FVHGWTKV	6	3
>JAK2-I166T- FVHGWIKVP\	3	>JAK2-I166T- FVHGWTKVP	4	1
>JAK2-I166T- FVHGWIKVP\	200	>JAK2-I166T- FVHGWTKVP	475	275
>JAK2-I166T- FVHGWIKV	197	>JAK2-I166T- FVHGWTKV	433	236
>JAK2-I166T- FVHGWIKVP\	76	>JAK2-I166T- FVHGWTKVP	70	6
>JAK2-I166T- FVHGWIKV	15	>JAK2-I166T- FVHGWTKV	25	10
>JAK2-I166T- FVHGWIKVP\	21	>JAK2-I166T- FVHGWTKVP	27	6
>JAK2-I166T- FVHGWIKV	121	>JAK2-I166T- FVHGWTKV	211	90
>JAK2-I166T- FVHGWIKVP\	137	>JAK2-I166T- FVHGWTKVP	197	60
>JAK2-I166T- FVHGWIKV	2	>JAK2-I166T- FVHGWTKV	2	0
>JAK2-I166T- FVHGWIKVP\	2	>JAK2-I166T- FVHGWTKVP	2	0
>JAK2-I166T- FVHGWIKVP\	180	>JAK2-I166T- FVHGWTKVP	287	107
>JAK2-I166T- FVHGWIKV	19	>JAK2-I166T- FVHGWTKV	16	3
>JAK2-I166T- FVHGWIKVP\	102	>JAK2-I166T- FVHGWTKVP	124	22
>JAK2-I166T- FVHGWIKV	98	>JAK2-I166T- FVHGWTKV	113	15
>JAK2-I166T- FVHGWIKVP\	34	>JAK2-I166T- FVHGWTKVP	26	8
>JAK2-I166T- DFVHGWIK	291	>JAK2-I166T- DFVHGWTK	111	180
>JAK2-I166T- HDFVHGW	179	>JAK2-I166T- HDFVHGW	7588	7409
>JAK2-I166T- HDFVHGW	232	>JAK2-I166T- HDFVHGW	24851	24619
>JAK2-I166T- HDFVHGW	87	>JAK2-I166T- HDFVHGW	5658	5571
>JAK2-I166T- HDFVHGWIK	200	>JAK2-I166T- HDFVHGWTK	177	23
>JAK2-I166T- WRHDFVHG\	29	>JAK2-I166T- WRHDFVHG\	112	83
>JAK2-I166T- WRHDFVHG\	67	>JAK2-I166T- WRHDFVHG\	44	23
>JAK2-I166T- WRHDFVHG\	226	>JAK2-I166T- WRHDFVHG\	491	265
>JAK2-I166T- WRHDFVHG\	61	>JAK2-I166T- WRHDFVHG\	159	98
>JAK2-I166T- WRHDFVHG\	534	>JAK2-I166T- WRHDFVHG\	377	157



>JAK2-I324S- LQLYCDFPNII	378	>JAK2-I324S- LQLYCDFPNIS	11520	11142
>JAK2-I324S- LQLYCDFPNII	88	>JAK2-I324S- LQLYCDFPNIS	1708	1620
>JAK2-I324S- LQLYCDFPNII	32	>JAK2-I324S- LQLYCDFPNIS	1138	1106
>JAK2-I324S- NIIDVSIK	151	>JAK2-I324S- NISDVSIK	176	25
>JAK2-I324S- NIIDVSIK	20	>JAK2-I324S- NISDVSIK	39	19
>JAK2-I324S- FPNIIDVSI	2042	>JAK2-I324S- FPNISDVSI	396	1646
>JAK2-I324S- FPNIIDVSI	442	>JAK2-I324S- FPNISDVSI	151	291
>JAK2-I324S- FPNIIDVSI	106	>JAK2-I324S- FPNISDVSI	78	28
>JAK2-I324S- FPNIIDVSI	50	>JAK2-I324S- FPNISDVSI	94	44
>JAK2-I324S- FPNIIDVSIKQ	137	>JAK2-I324S- FPNISDVSIKC	181	44
>JAK2-I324S- FPNIIDVSI	154	>JAK2-I324S- FPNISDVSI	156	2
>JAK2-I324S- FPNIIDVSI	10	>JAK2-I324S- FPNISDVSI	10	0
>JAK2-I324S- FPNIIDVSI	14	>JAK2-I324S- FPNISDVSI	25	11
>JAK2-I324S- FPNIIDVSI	14	>JAK2-I324S- FPNISDVSI	34	20
>JAK2-I324S- FPNIIDVSIK	83	>JAK2-I324S- FPNISDVSIK	549	466
>JAK2-I324S- FPNIIDVSIKQ	142	>JAK2-I324S- FPNISDVSIKC	309	167
>JAK2-I324S- FPNIIDVSI	48	>JAK2-I324S- FPNISDVSI	93	45
>JAK2-I324S- CDFPNIIDVSI	219	>JAK2-I324S- CDFPNISDVSI	288	69
>JAK2-I324S- CDFPNIIDVSI	51	>JAK2-I324S- CDFPNISDVSI	39	12
>JAK2-I324S- CDFPNIIDVSI	51	>JAK2-I324S- CDFPNISDVSI	49	2
>JAK2-I324S- CDFPNIIDVSI	43	>JAK2-I324S- CDFPNISDVSI	32	11
>JAK2-I324S- YCDFPNIIDVSI	216	>JAK2-I324S- YCDFPNISDVSI	234	18
>JAK2-I324S- LYCDFPNIIDVSI	152	>JAK2-I324S- LYCDFPNISDVSI	133	19
>JAK2-I324S- LYCDFPNII	490	>JAK2-I324S- LYCDFPNIS	20573	20083
>JAK2-I324S- LYCDFPNII	271	>JAK2-I324S- LYCDFPNIS	13977	13706
>JAK2-I324S- LYCDFPNII	64	>JAK2-I324S- LYCDFPNIS	10259	10195
>JAK2-I324S- QLYCDFPNII	255	>JAK2-I324S- QLYCDFPNIS	8406	8151
>JAK2-I324S- QLYCDFPNII	48	>JAK2-I324S- QLYCDFPNIS	3462	3414
>JAK2-I324S- QLYCDFPNII	59	>JAK2-I324S- QLYCDFPNIS	4158	4099
>JAK2-I324S- QLYCDFPNII	443	>JAK2-I324S- QLYCDFPNIS	9615	9172
>JAK2-I324S- QLYCDFPNII	33	>JAK2-I324S- QLYCDFPNIS	2837	2804
>JAK2-I324S- QLYCDFPNII	21	>JAK2-I324S- QLYCDFPNIS	4107	4086
>JAK2-I324S- QLYCDFPNII	311	>JAK2-I324S- QLYCDFPNIS	11866	11555
>JAK2-I324S- QLYCDFPNII	213	>JAK2-I324S- QLYCDFPNIS	9061	8848
>JAK2-I324S- QLYCDFPNII	227	>JAK2-I324S- QLYCDFPNIS	16814	16587
>JAK2-I324S- QLYCDFPNII	380	>JAK2-I324S- QLYCDFPNIS	14116	13736
>JAK2-I324S- QLYCDFPNII	203	>JAK2-I324S- QLYCDFPNIS	3485	3282
>JAK2-I645V- INILWKLEV	509	>JAK2-I645V- VNILWKLEV	451	58
>JAK2-I645V- CINILWKLEV	383	>JAK2-I645V- CVNILWKLEV	1208	825
>JAK2-I645V- CINILWKLEV	243	>JAK2-I645V- CVNILWKLEV	673	430
>JAK2-I645V- DTYLKKKNKNC	261	>JAK2-I645V- DTYLKKKNKNC	2071	1810
>JAK2-I645V- DTYLKKKNKNC	961	>JAK2-I645V- DTYLKKKNKNC	136	825
>JAK2-I645V- NCINILWKL	389	>JAK2-I645V- NCVNILWKL	532	143

>JAK2-I645V-NCINILWKL	251	>JAK2-I645V-NCVNILWKL	419	168
>JAK2-I645V-NCINILWKLE <sup>1</sup>	150	>JAK2-I645V-NCVNILWKLE	252	102
>JAK2-I645V-NCINILWKLE <sup>1</sup>	168	>JAK2-I645V-NCVNILWKLE	219	51
>JAK2-I645V-KNCINILWK	548	>JAK2-I645V-KNCVNILWK	374	174
>JAK2-I645V-KNCINILW	396	>JAK2-I645V-KNCVNILW	178	218
>JAK2-I645V-KNCINILWK	377	>JAK2-I645V-KNCVNILWK	731	354
>JAK2-I645V-NKNCINIL	348	>JAK2-I645V-NKNCVNIL	318	30
>JAK2-I645V-NKNCINIL	433	>JAK2-I645V-NKNCVNIL	257	176
>JAK2-I645V-KNKNKINI	367	>JAK2-I645V-KNKNCVNI	681	314
>JAK2-I645V-KNKNKINILW	24	>JAK2-I645V-KNKNCVNILV	22	2
>JAK2-I645V-KNKNKINILW	476	>JAK2-I645V-KNKNCVNILV	686	210
>JAK2-I645V-KKNKNKINI	64	>JAK2-I645V-KKNKNCVNI	30	34
>JAK2-I645V-KKNKNKINIL	28	>JAK2-I645V-KKNKNCVNIL	21	7
>JAK2-I645V-KKNKNKINILA	317	>JAK2-I645V-KKNKNCVNIL	227	90
>JAK2-I645V-LKKNKNCI	187	>JAK2-I645V-LKKNKNCV	261	74
>JAK2-I645V-LKKNKNCINI	97	>JAK2-I645V-LKKNKNCVNI	57	40
>JAK2-I645V-LKKNKNCINIL	52	>JAK2-I645V-LKKNKNCVNI	45	7
>JAK2-I645V-YLKKNKNCI	622	>JAK2-I645V-YLKKNKNCV	133	489
>JAK2-I645V-YLKKNKNCIN	275	>JAK2-I645V-YLKKNKNCV <sup>1</sup>	172	103
>JAK2-I645V-YLKKNKNCI	576	>JAK2-I645V-YLKKNKNCV	57	519
>JAK2-I645V-YLKKNKNCIN	49	>JAK2-I645V-YLKKNKNCV <sup>1</sup>	43	6
>JAK2-I645V-YLKKNKNCI	1350	>JAK2-I645V-YLKKNKNCV	98	1252
>JAK2-I645V-YLKKNKNCIN	349	>JAK2-I645V-YLKKNKNCV <sup>1</sup>	387	38
>JAK2-I645V-YLKKNKNCI	105	>JAK2-I645V-YLKKNKNCV	15	90
>JAK2-I645V-YLKKNKNCIN	84	>JAK2-I645V-YLKKNKNCV <sup>1</sup>	83	1
>JAK2-I645V-YLKKNKNCI	2756	>JAK2-I645V-YLKKNKNCV	95	2661
>JAK2-I645V-YLKKNKNCI	7536	>JAK2-I645V-YLKKNKNCV	433	7103
>JAK2-I645V-YLKKNKNCI	69	>JAK2-I645V-YLKKNKNCV	5	64
>JAK2-I645V-YLKKNKNCIN	19	>JAK2-I645V-YLKKNKNCV <sup>1</sup>	17	2
>JAK2-I645V-YLKKNKNCI	38	>JAK2-I645V-YLKKNKNCV	51	13
>JAK2-I645V-YLKKNKNCIN	231	>JAK2-I645V-YLKKNKNCV <sup>1</sup>	151	80
>JAK2-I645V-YLKKNKNCIN	691	>JAK2-I645V-YLKKNKNCV <sup>1</sup>	421	270
>JAK2-I645V-TYLKKNKNCI	63	>JAK2-I645V-TYLKKNKNCV	607	544
>JAK2-I645V-TYLKKNKNCI	438	>JAK2-I645V-TYLKKNKNCV	1694	1256
>JAK2-I645V-TYLKKNKNCI	72	>JAK2-I645V-TYLKKNKNCV	1680	1608
>JAK2-K191C KENDQTPLAI	91	>JAK2-K191C QENDQTPLAI	34	57
>JAK2-K191C KENDQTPLAI	154	>JAK2-K191C QENDQTPLAI	1002	848
>JAK2-K191C KENDQTPLAI	402	>JAK2-K191C QENDQTPLAI	3738	3336
>JAK2-K191C KENDQTPLAI	659	>JAK2-K191C QENDQTPLAI	154	505
>JAK2-K191C KENDQTPL	52	>JAK2-K191C QENDQTPL	110	58
>JAK2-K191C KENDQTPL	21	>JAK2-K191C QENDQTPL	87	66
>JAK2-K191C KENDQTPLA	167	>JAK2-K191C QENDQTPLA	1082	915
>JAK2-K191C KENDQTPLAI	287	>JAK2-K191C QENDQTPLAI	256	31

>JAK2-K191C KENDQTPLAI	274	>JAK2-K191C QENDQTPLAI	324	50
>JAK2-K191C KENDQTPLAI	282	>JAK2-K191C QENDQTPLAI	223	59
>JAK2-K191C KENDQTPLA	138	>JAK2-K191C QENDQTPLA	79	59
>JAK2-K191C KENDQTPLA	184	>JAK2-K191C QENDQTPLA	508	324
>JAK2-K191C KENDQTPLAI	15	>JAK2-K191C QENDQTPLAI	54	39
>JAK2-K191C KENDQTPL	247	>JAK2-K191C QENDQTPL	8440	8193
>JAK2-K191C AKENDQTPL	13659	>JAK2-K191C AQENDQTPL	237	13422
>JAK2-K191C AKENDQTPL/	17917	>JAK2-K191C AQENDQTPL	407	17510
>JAK2-K191C AKENDQTPL	221	>JAK2-K191C AQENDQTPL	249	28
>JAK2-K191C AKENDQTPL/	260	>JAK2-K191C AQENDQTPL	288	28
>JAK2-K191C AKENDQTPL	1488	>JAK2-K191C AQENDQTPL	364	1124
>JAK2-K191C MAVLDMMR	51	>JAK2-K191C MAVLDMMR	22760	22709
>JAK2-K191C MAVLDMMR	249	>JAK2-K191C MAVLDMMR	9461	9212
>JAK2-K191C MAVLDMMR	28	>JAK2-K191C MAVLDMMR	2103	2075
>JAK2-K191C MAVLDMMR	1886	>JAK2-K191C MAVLDMMR	490	1396
>JAK2-K191C IAKENDQTPL	245	>JAK2-K191C IAQENDQTPL	6450	6205
>JAK2-K191C IAKENDQTPL	153	>JAK2-K191C IAQENDQTPL	225	72
>JAK2-K191C RIAKENDQTP	65	>JAK2-K191C RIAQENDQTF	55	10
>JAK2-K191C RIAKENDQTP	311	>JAK2-K191C RIAQENDQTF	312	1
>JAK2-K191C RIAKENDQTP	522	>JAK2-K191C RIAQENDQTF	493	29
>JAK2-K191C RIAKENDQTP	303	>JAK2-K191C RIAQENDQTF	216	87
>JAK2-K191C VLDMMRIAK	114	>JAK2-K191C VLDMMRIAC	19082	18968
>JAK2-K191C VLDMMRIAK	63	>JAK2-K191C VLDMMRIAC	22530	22467
>JAK2-K191C AVLDMRIA	23	>JAK2-K191C AVLDMRIA	11277	11254
>JAK2-K191C AVLDMRIA	13	>JAK2-K191C AVLDMRIA	19847	19834
>JAK2-K191C AVLDMRIA	13	>JAK2-K191C AVLDMRIA	2050	2037
>JAK2-K191C AVLDMRIA	114	>JAK2-K191C AVLDMRIA	4618	4504
>JAK2-K191C AVLDMRIA	115	>JAK2-K191C AVLDMRIA	22343	22228
>JAK2-K191C AVLDMRIA	324	>JAK2-K191C AVLDMRIA	3116	2792
>JAK2-K539E KIRNEDLI	53	>JAK2-K539E EIRNEDLI	12196	12143
>JAK2-K539E KIRNEDLIFN	107	>JAK2-K539E EIRNEDLIFN	11925	11818
>JAK2-K539E KIRNEDLIF	457	>JAK2-K539E EIRNEDLIF	11771	11314
>JAK2-K539E KIRNEDLIF	297	>JAK2-K539E EIRNEDLIF	1819	1522
>JAK2-K539E KIRNEDLIF	93	>JAK2-K539E EIRNEDLIF	1066	973
>JAK2-K539E KIRNEDLIF	194	>JAK2-K539E EIRNEDLIF	6581	6387
>JAK2-K539E HKIRNEDL	29697	>JAK2-K539E HEIRNEDL	295	29402
>JAK2-K539E HKIRNEDLI	851	>JAK2-K539E HEIRNEDLI	12	839
>JAK2-K539E HKIRNEDL	227	>JAK2-K539E HEIRNEDL	4775	4548
>JAK2-K539E HKIRNEDLIF	9	>JAK2-K539E HEIRNEDLIF	292	283
>JAK2-K539E HKIRNEDL	14473	>JAK2-K539E HEIRNEDL	20	14453
>JAK2-K539E HKIRNEDLI	17920	>JAK2-K539E HEIRNEDLI	68	17852
>JAK2-K539E HKIRNEDL	27625	>JAK2-K539E HEIRNEDL	242	27383
>JAK2-K539E HKIRNEDLI	31607	>JAK2-K539E HEIRNEDLI	393	31214

>JAK2-K539E HKIRNEDLI	3046	>JAK2-K539E HEIRNEDLI	7	3039
>JAK2-K539E HKIRNEDLIF	25751	>JAK2-K539E HEIRNEDLIF	208	25543
>JAK2-K539E PTHMNQMV	396	>JAK2-K539E PTHMNQMV	27971	27575
>JAK2-K539E PTHMNQMV	20	>JAK2-K539E PTHMNQMV	10166	10146
>JAK2-K539E FHKIRNEDLI	433	>JAK2-K539E FHEIRNEDLI	312	121
>JAK2-K539E FHKIRNEDLIF	73	>JAK2-K539E FHEIRNEDLIF	1293	1220
>JAK2-K539E VFHKIRNEDLI	261	>JAK2-K539E VFHEIRNEDLI	433	172
>JAK2-K539E MVFHKIRNEI	482	>JAK2-K539E MVFHEIRNEI	1858	1376
>JAK2-K539E MVFHKIRNEI	215	>JAK2-K539E MVFHEIRNEI	144	71
>JAK2-K539E MVFHKIRNEI	268	>JAK2-K539E MVFHEIRNEI	328	60
>JAK2-K539E MVFHKIRNEI	33	>JAK2-K539E MVFHEIRNEI	49	16
>JAK2-K539E QMVFHKIR	86	>JAK2-K539E QMVFHEIR	149	63
>JAK2-K539E QMVFHKIR	304	>JAK2-K539E QMVFHEIR	97	207
>JAK2-K539E QMVFHKIR	76	>JAK2-K539E QMVFHEIR	126	50
>JAK2-K539E NQMVFHKI	1970	>JAK2-K539E NQMVFHEI	403	1567
>JAK2-K539E NQMVFHKI	548	>JAK2-K539E NQMVFHEI	120	428
>JAK2-K539E NQMVFHKI	53	>JAK2-K539E NQMVFHEI	15	38
>JAK2-K539E NQMVFHKIR	99	>JAK2-K539E NQMVFHEIR	74	25
>JAK2-K539E NQMVFHKIR	1340	>JAK2-K539E NQMVFHEIR	288	1052
>JAK2-K539E NQMVFHKI	302	>JAK2-K539E NQMVFHEI	167	135
>JAK2-K539E NQMVFHKIR	364	>JAK2-K539E NQMVFHEIR	715	351
>JAK2-K539E NQMVFHKI	612	>JAK2-K539E NQMVFHEI	194	418
>JAK2-K539E NQMVFHKIR	128	>JAK2-K539E NQMVFHEIR	231	103
>JAK2-K539E MNQMVFHK	328	>JAK2-K539E MNQMVFHE	144	184
>JAK2-K539E MNQMVFHK	178	>JAK2-K539E MNQMVFHE	23566	23388
>JAK2-K539E MNQMVFHK	506	>JAK2-K539E MNQMVFHE	462	44
>JAK2-K539E MNQMVFHK	328	>JAK2-K539E MNQMVFHE	14219	13891
>JAK2-K539E MNQMVFHK	280	>JAK2-K539E MNQMVFHE	357	77
>JAK2-K539E MNQMVFHK	170	>JAK2-K539E MNQMVFHE	106	64
>JAK2-K539E MNQMVFHK	170	>JAK2-K539E MNQMVFHE	16076	15906
>JAK2-K539E MNQMVFHK	581	>JAK2-K539E MNQMVFHE	174	407
>JAK2-K539E MNQMVFHK	404	>JAK2-K539E MNQMVFHE	686	282
>JAK2-K539E MNQMVFHK	484	>JAK2-K539E MNQMVFHE	1013	529
>JAK2-K539E HMNQMVFH	481	>JAK2-K539E HMNQMVFH	361	120
>JAK2-K539E HMNQMVFH	244	>JAK2-K539E HMNQMVFH	145	99
>JAK2-K539E HMNQMVFH	12	>JAK2-K539E HMNQMVFH	7	5
>JAK2-K539E HMNQMVFH	34	>JAK2-K539E HMNQMVFH	17	17
>JAK2-K539E HMNQMVFH	39	>JAK2-K539E HMNQMVFH	29	10
>JAK2-K539E HMNQMVFH	49	>JAK2-K539E HMNQMVFH	39	10
>JAK2-K539E HMNQMVFH	9	>JAK2-K539E HMNQMVFH	6	3
>JAK2-K539E HMNQMVFH	35	>JAK2-K539E HMNQMVFH	15534	15499
>JAK2-K539E HMNQMVFH	26	>JAK2-K539E HMNQMVFH	19265	19239
>JAK2-K539E HMNQMVFH	105	>JAK2-K539E HMNQMVFH	14099	13994

>JAK2-K539E HMNQMVFH	17	>JAK2-K539E HMNQMVFH	1904	1887
>JAK2-K539E HMNQMVFH	13	>JAK2-K539E HMNQMVFH	11	2
>JAK2-K539E HMNQMVFH	133	>JAK2-K539E HMNQMVFH	119	14
>JAK2-K539E HMNQMVFH	292	>JAK2-K539E HMNQMVFH	10447	10155
>JAK2-K539E HMNQMVFH	174	>JAK2-K539E HMNQMVFH	116	58
>JAK2-K539E HMNQMVFH	82	>JAK2-K539E HMNQMVFH	9715	9633
>JAK2-K539E HMNQMVFH	152	>JAK2-K539E HMNQMVFH	48	104
>JAK2-K539E HMNQMVFH	812	>JAK2-K539E HMNQMVFH	378	434
>JAK2-K539E HMNQMVFH	441	>JAK2-K539E HMNQMVFH	269	172
>JAK2-K539E HMNQMVFH	474	>JAK2-K539E HMNQMVFH	407	67
>JAK2-K539E HMNQMVFH	129	>JAK2-K539E HMNQMVFH	5436	5307
>JAK2-K539E HMNQMVFH	34	>JAK2-K539E HMNQMVFH	42	8
>JAK2-K539E THMNQMV	318	>JAK2-K539E THMNQMV	140	178
>JAK2-K539E THMNQMV	215	>JAK2-K539E THMNQMV	75	140
>JAK2-K539E THMNQMV	457	>JAK2-K539E THMNQMV	13318	12861
>JAK2-K539L KIRNEDLI	53	>JAK2-K539L LIRNEDLI	1625	1572
>JAK2-K539L KIRNEDLIFN	107	>JAK2-K539L LIRNEDLIFN	2220	2113
>JAK2-K539L KIRNEDLIF	457	>JAK2-K539L LIRNEDLIF	11064	10607
>JAK2-K539L KIRNEDLIF	297	>JAK2-K539L LIRNEDLIF	100	197
>JAK2-K539L KIRNEDLIF	93	>JAK2-K539L LIRNEDLIF	138	45
>JAK2-K539L KIRNEDLIF	194	>JAK2-K539L LIRNEDLIF	845	651
>JAK2-K539L HKIRNEDLI	696	>JAK2-K539L HLIRNEDLI	196	500
>JAK2-K539L HKIRNEDL	22929	>JAK2-K539L HLIRNEDL	174	22755
>JAK2-K539L HKIRNEDLI	21687	>JAK2-K539L HLIRNEDLI	213	21474
>JAK2-K539L HKIRNEDLI	26683	>JAK2-K539L HLIRNEDLI	390	26293
>JAK2-K539L HKIRNEDL	18924	>JAK2-K539L HLIRNEDL	172	18752
>JAK2-K539L HKIRNEDLI	19467	>JAK2-K539L HLIRNEDLI	48	19419
>JAK2-K539L HKIRNEDL	29018	>JAK2-K539L HLIRNEDL	45	28973
>JAK2-K539L HKIRNEDLI	33058	>JAK2-K539L HLIRNEDLI	155	32903
>JAK2-K539L HKIRNEDLIF	10256	>JAK2-K539L HLIRNEDLIF	402	9854
>JAK2-K539L HKIRNEDL	227	>JAK2-K539L HLIRNEDL	3479	3252
>JAK2-K539L HKIRNEDLIF	9	>JAK2-K539L HLIRNEDLIF	132	123
>JAK2-K539L PTHMNQMV	396	>JAK2-K539L PTHMNQMV	26789	26393
>JAK2-K539L PTHMNQMV	20	>JAK2-K539L PTHMNQMV	900	880
>JAK2-K539L FHKIRNEDLI	433	>JAK2-K539L FHLIRNEDLI	165	268
>JAK2-K539L FHKIRNEDLIF	73	>JAK2-K539L FHLIRNEDLIF	51	22
>JAK2-K539L VFHKIRNEDLI	261	>JAK2-K539L VFHLIRNEDLI	529	268
>JAK2-K539L MVFHKIRNEI	482	>JAK2-K539L MVFHLIRNEC	665	183
>JAK2-K539L MVFHKIRNEI	215	>JAK2-K539L MVFHLIRNEC	148	67
>JAK2-K539L MVFHKIRNEI	268	>JAK2-K539L MVFHLIRNEC	120	148
>JAK2-K539L MVFHKIRNEI	33	>JAK2-K539L MVFHLIRNEC	21	12
>JAK2-K539L QMVFHKIR	86	>JAK2-K539L QMVFHLIR	83	3
>JAK2-K539L QMVFHKIR	304	>JAK2-K539L QMVFHLIR	151	153

>JAK2-K539L QMVFHKIR	76	>JAK2-K539L QMVFHLIR	71	5
>JAK2-K539L NQMVFHKI	1970	>JAK2-K539L NQMVFHLI	416	1554
>JAK2-K539L NQMVFHKI	548	>JAK2-K539L NQMVFHLI	144	404
>JAK2-K539L NQMVFHKI	1170	>JAK2-K539L NQMVFHLI	430	740
>JAK2-K539L NQMVFHKI	53	>JAK2-K539L NQMVFHLI	16	37
>JAK2-K539L NQMVFHKIR	99	>JAK2-K539L NQMVFHLIR	80	19
>JAK2-K539L NQMVFHKIR	1340	>JAK2-K539L NQMVFHLIR	392	948
>JAK2-K539L NQMVFHKI	302	>JAK2-K539L NQMVFHLI	311	9
>JAK2-K539L NQMVFHKIR	364	>JAK2-K539L NQMVFHLIR	301	63
>JAK2-K539L NQMVFHKI	612	>JAK2-K539L NQMVFHLI	110	502
>JAK2-K539L NQMVFHKIR	128	>JAK2-K539L NQMVFHLIR	54	74
>JAK2-K539L MNQMVFHK	328	>JAK2-K539L MNQMVFHLI	51	277
>JAK2-K539L MNQMVFHK	178	>JAK2-K539L MNQMVFHL	21086	20908
>JAK2-K539L MNQMVFHK	506	>JAK2-K539L MNQMVFHLI	367	139
>JAK2-K539L MNQMVFHK	328	>JAK2-K539L MNQMVFHL	9826	9498
>JAK2-K539L MNQMVFHK	280	>JAK2-K539L MNQMVFHLI	133	147
>JAK2-K539L MNQMVFHK	170	>JAK2-K539L MNQMVFHLI	57	113
>JAK2-K539L MNQMVFHK	170	>JAK2-K539L MNQMVFHL	21654	21484
>JAK2-K539L MNQMVFHK	581	>JAK2-K539L MNQMVFHLI	211	370
>JAK2-K539L MNQMVFHK	404	>JAK2-K539L MNQMVFHLI	239	165
>JAK2-K539L MNQMVFHK	484	>JAK2-K539L MNQMVFHLI	772	288
>JAK2-K539L HMNQMVFH	18253	>JAK2-K539L HMNQMVFH	35	18218
>JAK2-K539L HMNQMVFH	5618	>JAK2-K539L HMNQMVFH	8	5610
>JAK2-K539L HMNQMVFH	481	>JAK2-K539L HMNQMVFH	201	280
>JAK2-K539L HMNQMVFH	11676	>JAK2-K539L HMNQMVFH	18	11658
>JAK2-K539L HMNQMVFH	244	>JAK2-K539L HMNQMVFH	157	87
>JAK2-K539L HMNQMVFH	20383	>JAK2-K539L HMNQMVFH	84	20299
>JAK2-K539L HMNQMVFH	4654	>JAK2-K539L HMNQMVFH	10	4644
>JAK2-K539L HMNQMVFH	12	>JAK2-K539L HMNQMVFH	12	0
>JAK2-K539L HMNQMVFH	10237	>JAK2-K539L HMNQMVFH	12	10225
>JAK2-K539L HMNQMVFH	34	>JAK2-K539L HMNQMVFH	26	8
>JAK2-K539L HMNQMVFH	5501	>JAK2-K539L HMNQMVFH	13	5488
>JAK2-K539L HMNQMVFH	39	>JAK2-K539L HMNQMVFH	44	5
>JAK2-K539L HMNQMVFH	17258	>JAK2-K539L HMNQMVFH	12	17246
>JAK2-K539L HMNQMVFH	49	>JAK2-K539L HMNQMVFH	90	41
>JAK2-K539L HMNQMVFH	1963	>JAK2-K539L HMNQMVFH	3	1960
>JAK2-K539L HMNQMVFH	9	>JAK2-K539L HMNQMVFH	9	0
>JAK2-K539L HMNQMVFH	35	>JAK2-K539L HMNQMVFH	12293	12258
>JAK2-K539L HMNQMVFH	1516	>JAK2-K539L HMNQMVFH	284	1232
>JAK2-K539L HMNQMVFH	26	>JAK2-K539L HMNQMVFH	17712	17686
>JAK2-K539L HMNQMVFH	105	>JAK2-K539L HMNQMVFH	5092	4987
>JAK2-K539L HMNQMVFH	17	>JAK2-K539L HMNQMVFH	496	479
>JAK2-K539L HMNQMVFH	13	>JAK2-K539L HMNQMVFH	12	1

>JAK2-K539L HMNQMVFH	8686	>JAK2-K539L HMNQMVFH	491	8195
>JAK2-K539L HMNQMVFH	133	>JAK2-K539L HMNQMVFH	199	66
>JAK2-K539L HMNQMVFH	292	>JAK2-K539L HMNQMVFH	5772	5480
>JAK2-K539L HMNQMVFH	174	>JAK2-K539L HMNQMVFH	112	62
>JAK2-K539L HMNQMVFH	82	>JAK2-K539L HMNQMVFH	15314	15232
>JAK2-K539L HMNQMVFH	152	>JAK2-K539L HMNQMVFH	71	81
>JAK2-K539L HMNQMVFH	812	>JAK2-K539L HMNQMVFH	451	361
>JAK2-K539L HMNQMVFH	441	>JAK2-K539L HMNQMVFH	376	65
>JAK2-K539L HMNQMVFH	6483	>JAK2-K539L HMNQMVFH	127	6356
>JAK2-K539L HMNQMVFH	21903	>JAK2-K539L HMNQMVFH	368	21535
>JAK2-K539L HMNQMVFH	17758	>JAK2-K539L HMNQMVFH	198	17560
>JAK2-K539L HMNQMVFH	474	>JAK2-K539L HMNQMVFH	248	226
>JAK2-K539L HMNQMVFH	129	>JAK2-K539L HMNQMVFH	7715	7586
>JAK2-K539L HMNQMVFH	34	>JAK2-K539L HMNQMVFH	27	7
>JAK2-K539L THMNQMVF	318	>JAK2-K539L THMNQMVF	68	250
>JAK2-K539L THMNQMVF	7903	>JAK2-K539L THMNQMVF	18	7885
>JAK2-K539L THMNQMVF	215	>JAK2-K539L THMNQMVF	62	153
>JAK2-K539L THMNQMVF	457	>JAK2-K539L THMNQMVF	12062	11605
>JAK2-K607N KHLVLYGV	4236	>JAK2-K607N NHLVLYGV	422	3814
>JAK2-K607N KHLVLYGVC	1640	>JAK2-K607N NHLVLYGVC	143	1497
>JAK2-K607N HKHLVLY	467	>JAK2-K607N HNHLVLY	417	50
>JAK2-K607N HKHLVLY	26	>JAK2-K607N HNHLVLY	3152	3126
>JAK2-K607N AASMMSKLS	73	>JAK2-K607N AASMMSKLS	23157	23084
>JAK2-K607N AASMMSKLS	108	>JAK2-K607N AASMMSKLS	12017	11909
>JAK2-K607N SHKHLVLY	438	>JAK2-K607N SHNHLVLY	150	288
>JAK2-K607N SHKHLVLY	17	>JAK2-K607N SHNHLVLY	9	8
>JAK2-K607N SHKHLVLY	52	>JAK2-K607N SHNHLVLY	75	23
>JAK2-K607N LSHKHLVLY	211	>JAK2-K607N LSHNHLVLY	253	42
>JAK2-K607N LSHKHLVL	339	>JAK2-K607N LSHNHLVL	366	27
>JAK2-K607N LSHKHLVLY	149	>JAK2-K607N LSHNHLVLY	298	149
>JAK2-K607N LSHKHLVL	237	>JAK2-K607N LSHNHLVL	1069	832
>JAK2-K607N LSHKHLVL	695	>JAK2-K607N LSHNHLVL	471	224
>JAK2-K607N LSHKHLVLY	89	>JAK2-K607N LSHNHLVLY	77	12
>JAK2-K607N LSHKHLVL	323	>JAK2-K607N LSHNHLVL	183	140
>JAK2-K607N LSHKHLVLY	47	>JAK2-K607N LSHNHLVLY	37	10
>JAK2-K607N LSHKHLVL	38	>JAK2-K607N LSHNHLVL	31	7
>JAK2-K607N LSHKHLVLY	6	>JAK2-K607N LSHNHLVLY	5	1
>JAK2-K607N LSHKHLVLY	462	>JAK2-K607N LSHNHLVLY	604	142
>JAK2-K607N LSHKHLVL	297	>JAK2-K607N LSHNHLVL	620	323
>JAK2-K607N LSHKHLVLY	173	>JAK2-K607N LSHNHLVLY	98	75
>JAK2-K607N LSHKHLVL	329	>JAK2-K607N LSHNHLVL	259	70
>JAK2-K607N KLSHKHLV	44	>JAK2-K607N KLSHNHLV	29	15
>JAK2-K607N KLSHKHLV	10	>JAK2-K607N KLSHNHLV	6	4

>JAK2-K607N KLSHKHLVL	91	>JAK2-K607N KLSHNHLVL	79	12
>JAK2-K607N KLSHKHLV	8	>JAK2-K607N KLSHNHLV	7	1
>JAK2-K607N KLSHKHLVL	134	>JAK2-K607N KLSHNHLVL	164	30
>JAK2-K607N KLSHKHLV	114	>JAK2-K607N KLSHNHLV	50	64
>JAK2-K607N KLSHKHLV	8	>JAK2-K607N KLSHNHLV	5	3
>JAK2-K607N KLSHKHLVL	176	>JAK2-K607N KLSHNHLVL	61	115
>JAK2-K607N KLSHKHLV	15	>JAK2-K607N KLSHNHLV	6	9
>JAK2-K607N KLSHKHLVL	323	>JAK2-K607N KLSHNHLVL	58	265
>JAK2-K607N KLSHKHLV	12	>JAK2-K607N KLSHNHLV	10	2
>JAK2-K607N KLSHKHLVL	536	>JAK2-K607N KLSHNHLVL	355	181
>JAK2-K607N KLSHKHLV	58	>JAK2-K607N KLSHNHLV	16	42
>JAK2-K607N KLSHKHLV	3	>JAK2-K607N KLSHNHLV	2	1
>JAK2-K607N KLSHKHLVL	53	>JAK2-K607N KLSHNHLVL	21	32
>JAK2-K607N KLSHKHLVLN	46	>JAK2-K607N KLSHNHLVLN	47	1
>JAK2-K607N KLSHKHLVLN	36	>JAK2-K607N KLSHNHLVLN	24	12
>JAK2-K607N KLSHKHLVL	692	>JAK2-K607N KLSHNHLVL	464	228
>JAK2-K607N KLSHKHLVLN	72	>JAK2-K607N KLSHNHLVLN	45	27
>JAK2-K607N KLSHKHLVL	248	>JAK2-K607N KLSHNHLVL	160	88
>JAK2-K607N KLSHKHLVLN	518	>JAK2-K607N KLSHNHLVLN	386	132
>JAK2-K607N KLSHKHLVLN	4	>JAK2-K607N KLSHNHLVLN	4	0
>JAK2-K607N KLSHKHLVL	168	>JAK2-K607N KLSHNHLVL	3957	3789
>JAK2-K607N KLSHKHLVL	579	>JAK2-K607N KLSHNHLVL	314	265
>JAK2-K607N KLSHKHLVLN	101	>JAK2-K607N KLSHNHLVLN	81	20
>JAK2-K607N KLSHKHLVL	352	>JAK2-K607N KLSHNHLVL	113	239
>JAK2-K607N KLSHKHLVLN	81	>JAK2-K607N KLSHNHLVLN	37	44
>JAK2-K607N KLSHKHLVLN	81	>JAK2-K607N KLSHNHLVLN	93	12
>JAK2-K607N KLSHKHLVLN	918	>JAK2-K607N KLSHNHLVLN	428	490
>JAK2-K607N KLSHKHLVLN	166	>JAK2-K607N KLSHNHLVLN	125	41
>JAK2-K607N SKLSHKHL	37	>JAK2-K607N SKLSHNHL	27	10
>JAK2-K607N SKLSHKHLV	665	>JAK2-K607N SKLSHNHLV	168	497
>JAK2-K607N SKLSHKHLVL	39	>JAK2-K607N SKLSHNHLVL	18	21
>JAK2-K607N SKLSHKHLVL	72	>JAK2-K607N SKLSHNHLVL	33	39
>JAK2-K607N MSKLSHKH	1067	>JAK2-K607N MSKLSHNH	417	650
>JAK2-K607N MSKLSHKHL	17	>JAK2-K607N MSKLSHNHL	10	7
>JAK2-K607N MSKLSHKHL\	24	>JAK2-K607N MSKLSHNHL\	12	12
>JAK2-K607N MSKLSHKHL\	16	>JAK2-K607N MSKLSHNHL\	12	4
>JAK2-K607N MSKLSHKHL	202	>JAK2-K607N MSKLSHNHL	332	130
>JAK2-K607N MSKLSHKHL\	84	>JAK2-K607N MSKLSHNHL\	204	120
>JAK2-K607N MSKLSHKHL	215	>JAK2-K607N MSKLSHNHL	256	41
>JAK2-K607N MSKLSHKHL\	183	>JAK2-K607N MSKLSHNHL\	119	64
>JAK2-K607N MSKLSHKH	387	>JAK2-K607N MSKLSHNH	618	231
>JAK2-K607N MSKLSHKHL	6	>JAK2-K607N MSKLSHNHL	16	10
>JAK2-K607N MSKLSHKHL\	6	>JAK2-K607N MSKLSHNHL\	9	3



>JAK2-K607N MSKLSHKHL	1883	>JAK2-K607N MSKLSHNHL	469	1414
>JAK2-K607N MSKLSHKHL\	1198	>JAK2-K607N MSKLSHNHL\	364	834
>JAK2-K607N MSKLSHKHL\	474	>JAK2-K607N MSKLSHNHL\	357	117
>JAK2-K607N MMSKLSHKH	14	>JAK2-K607N MMSKLSHNF	10	4
>JAK2-K607N MMSKLSHKH	179	>JAK2-K607N MMSKLSHNF	52	127
>JAK2-K607N MMSKLSHKH	3	>JAK2-K607N MMSKLSHNF	2	1
>JAK2-K607N MMSKLSHKH	143	>JAK2-K607N MMSKLSHNF	91	52
>JAK2-K607N MMSKLSHKH	5	>JAK2-K607N MMSKLSHNF	4	1
>JAK2-K607N MMSKLSHKH	30	>JAK2-K607N MMSKLSHNF	16	14
>JAK2-K607N MMSKLSHKH	64	>JAK2-K607N MMSKLSHNF	48	16
>JAK2-K607N MMSKLSHKH	3	>JAK2-K607N MMSKLSHNF	3	0
>JAK2-K607N MMSKLSHKH	194	>JAK2-K607N MMSKLSHNF	42	152
>JAK2-K607N MMSKLSHKH	7	>JAK2-K607N MMSKLSHNF	4	3
>JAK2-K607N MMSKLSHKH	124	>JAK2-K607N MMSKLSHNF	50	74
>JAK2-K607N MMSKLSHKH	9	>JAK2-K607N MMSKLSHNF	8	1
>JAK2-K607N MMSKLSHKH	362	>JAK2-K607N MMSKLSHNF	197	165
>JAK2-K607N MMSKLSHKH	5	>JAK2-K607N MMSKLSHNF	3	2
>JAK2-K607N MMSKLSHKH	12	>JAK2-K607N MMSKLSHNF	8	4
>JAK2-K607N MMSKLSHKH	2	>JAK2-K607N MMSKLSHNF	2	0
>JAK2-K607N MMSKLSHK	35	>JAK2-K607N MMSKLSHN	12735	12700
>JAK2-K607N MMSKLSHKH	401	>JAK2-K607N MMSKLSHNF	301	100
>JAK2-K607N MMSKLSHK	26	>JAK2-K607N MMSKLSHN	20128	20102
>JAK2-K607N MMSKLSHK	110	>JAK2-K607N MMSKLSHN	13299	13189
>JAK2-K607N MMSKLSHK	54	>JAK2-K607N MMSKLSHN	9098	9044
>JAK2-K607N MMSKLSHK	61	>JAK2-K607N MMSKLSHN	11654	11593
>JAK2-K607N MMSKLSHKH	79	>JAK2-K607N MMSKLSHNF	43	36
>JAK2-K607N MMSKLSHKH	102	>JAK2-K607N MMSKLSHNF	51	51
>JAK2-K607N MMSKLSHKH	217	>JAK2-K607N MMSKLSHNF	127	90
>JAK2-K607N MMSKLSHKH	63	>JAK2-K607N MMSKLSHNF	57	6
>JAK2-K607N MMSKLSHKH	668	>JAK2-K607N MMSKLSHNF	328	340
>JAK2-K607N MMSKLSHKH	1647	>JAK2-K607N MMSKLSHNF	467	1180
>JAK2-K607N SMMSKLSHK	57	>JAK2-K607N SMMSKLSHN	30	27
>JAK2-K607N SMMSKLSHK	127	>JAK2-K607N SMMSKLSHN	35	92
>JAK2-K607N SMMSKLSHK	19	>JAK2-K607N SMMSKLSHN	4	15
>JAK2-K607N SMMSKLSHK	19	>JAK2-K607N SMMSKLSHN	10	9
>JAK2-K607N SMMSKLSHK	255	>JAK2-K607N SMMSKLSHN	56	199
>JAK2-K607N SMMSKLSHK	19	>JAK2-K607N SMMSKLSHN	14	5
>JAK2-K607N SMMSKLSHK	35	>JAK2-K607N SMMSKLSHN	10	25
>JAK2-K607N SMMSKLSHK	58	>JAK2-K607N SMMSKLSHN	25	33
>JAK2-K607N SMMSKLSHK	158	>JAK2-K607N SMMSKLSHN	75	83
>JAK2-K607N SMMSKLSHK	11	>JAK2-K607N SMMSKLSHN	7	4
>JAK2-K607N SMMSKLSHK	32	>JAK2-K607N SMMSKLSHN	12818	12786
>JAK2-K607N SMMSKLSHK	10	>JAK2-K607N SMMSKLSHN	15332	15322

>JAK2-K607N SMMSKLSHK	195	>JAK2-K607N SMMSKLSHN	13860	13665
>JAK2-K607N SMMSKLSHK	40	>JAK2-K607N SMMSKLSHN	4683	4643
>JAK2-K607N SMMSKLSHK	34	>JAK2-K607N SMMSKLSHN	41	7
>JAK2-K607N SMMSKLSHK	171	>JAK2-K607N SMMSKLSHN	119	52
>JAK2-K607N SMMSKLSHK	72	>JAK2-K607N SMMSKLSHN	69	3
>JAK2-K607N ASMMSKLSH	14	>JAK2-K607N ASMMSKLSH	11936	11922
>JAK2-K607N ASMMSKLSH	6	>JAK2-K607N ASMMSKLSH	20125	20119
>JAK2-K607N ASMMSKLSH	247	>JAK2-K607N ASMMSKLSH	157	90
>JAK2-K607N ASMMSKLSH	18	>JAK2-K607N ASMMSKLSH	6532	6514
>JAK2-K607N ASMMSKLSH	131	>JAK2-K607N ASMMSKLSH	9690	9559
>JAK2-K607N ASMMSKLSH	212	>JAK2-K607N ASMMSKLSH	29106	28894
>JAK2-K607N ASMMSKLSH	201	>JAK2-K607N ASMMSKLSH	200	1
>JAK2-K607N ASMMSKLSH	85	>JAK2-K607N ASMMSKLSH	2222	2137
>JAK2-K607N ASMMSKLSH	271	>JAK2-K607N ASMMSKLSH	177	94
>JAK2-L545S DLIFNESL	398	>JAK2-L545S DSIFNESL	34580	34182
>JAK2-L545S DLIFNESL	1754	>JAK2-L545S DSIFNESL	196	1558
>JAK2-L545S DLIFNESL	843	>JAK2-L545S DSIFNESL	239	604
>JAK2-L545S MVFHKIRNEI	482	>JAK2-L545S MVFHKIRNEI	14326	13844
>JAK2-L545S MVFHKIRNEI	215	>JAK2-L545S MVFHKIRNEI	12209	11994
>JAK2-L545S MVFHKIRNEI	268	>JAK2-L545S MVFHKIRNEI	12423	12155
>JAK2-L545S MVFHKIRNEI	33	>JAK2-L545S MVFHKIRNEI	709	676
>JAK2-L545S EDLIFNESL	384	>JAK2-L545S EDSIFNESL	1937	1553
>JAK2-L545S NEDLIFNESL	76	>JAK2-L545S NEDSIFNESL	234	158
>JAK2-L545S NEDLIFNESL	1242	>JAK2-L545S NEDSIFNESL	383	859
>JAK2-L545S NEDLIFNESL	434	>JAK2-L545S NEDSIFNESL	560	126
>JAK2-L545S NEDLIFNESL	229	>JAK2-L545S NEDSIFNESL	166	63
>JAK2-L545S IRNEDLIF	52	>JAK2-L545S IRNEDSIF	26	26
>JAK2-L545S KIRNEDLI	53	>JAK2-L545S KIRNEDSI	52	1
>JAK2-L545S KIRNEDLIFN	107	>JAK2-L545S KIRNEDSIFN	99	8
>JAK2-L545S KIRNEDLI	1500	>JAK2-L545S KIRNEDSI	332	1168
>JAK2-L545S KIRNEDLIF	457	>JAK2-L545S KIRNEDSIF	2349	1892
>JAK2-L545S KIRNEDLIF	297	>JAK2-L545S KIRNEDSIF	242	55
>JAK2-L545S KIRNEDLIF	93	>JAK2-L545S KIRNEDSIF	45	48
>JAK2-L545S KIRNEDLIF	194	>JAK2-L545S KIRNEDSIF	290	96
>JAK2-L545S KIRNEDLIF	899	>JAK2-L545S KIRNEDSIF	33	866
>JAK2-L545S HKIRNEDL	227	>JAK2-L545S HKIRNEDS	6252	6025
>JAK2-L545S HKIRNEDLI	1280	>JAK2-L545S HKIRNEDSI	282	998
>JAK2-L545S HKIRNEDLIF	9	>JAK2-L545S HKIRNEDSIF	5	4
>JAK2-L545S FHKIRNEDLI	433	>JAK2-L545S FHKIRNEDSI	1091	658
>JAK2-L545S FHKIRNEDLIF	73	>JAK2-L545S FHKIRNEDSIF	48	25
>JAK2-L545S VFHKIRNEDLI	1912	>JAK2-L545S VFHKIRNEDS	209	1703
>JAK2-L545S VFHKIRNEDLI	261	>JAK2-L545S VFHKIRNEDS	177	84
>JAK2-L545V DLIFNESL	398	>JAK2-L545V DVIFNESL	15800	15402

>JAK2-L545V DLIFNESL	1754	>JAK2-L545V DVIFNESL	36	1718
>JAK2-L545V DLIFNESL	843	>JAK2-L545V DVIFNESL	46	797
>JAK2-L545V MVFHKIRNEI	482	>JAK2-L545V MVFHKIRNEI	1753	1271
>JAK2-L545V MVFHKIRNEI	1898	>JAK2-L545V MVFHKIRNEI	450	1448
>JAK2-L545V MVFHKIRNEI	215	>JAK2-L545V MVFHKIRNEI	141	74
>JAK2-L545V MVFHKIRNEI	542	>JAK2-L545V MVFHKIRNEI	56	486
>JAK2-L545V MVFHKIRNEI	1265	>JAK2-L545V MVFHKIRNEI	169	1096
>JAK2-L545V MVFHKIRNEI	1498	>JAK2-L545V MVFHKIRNEI	88	1410
>JAK2-L545V MVFHKIRNEI	993	>JAK2-L545V MVFHKIRNEI	32	961
>JAK2-L545V MVFHKIRNEI	268	>JAK2-L545V MVFHKIRNEI	1269	1001
>JAK2-L545V MVFHKIRNEI	33	>JAK2-L545V MVFHKIRNEI	9	24
>JAK2-L545V EDLIFNESL	384	>JAK2-L545V EDVIFNESL	824	440
>JAK2-L545V NEDLIFNESL	76	>JAK2-L545V NEDVIFNESL	159	83
>JAK2-L545V NEDLIFNESL	434	>JAK2-L545V NEDVIFNESL	513	79
>JAK2-L545V NEDLIFNESL	229	>JAK2-L545V NEDVIFNESL	289	60
>JAK2-L545V IRNEDLIF	52	>JAK2-L545V IRNEDVIF	28	24
>JAK2-L545V KIRNEDLI	53	>JAK2-L545V KIRNEDVI	100	47
>JAK2-L545V KIRNEDLIFN	107	>JAK2-L545V KIRNEDVIFN	135	28
>JAK2-L545V KIRNEDLIF	457	>JAK2-L545V KIRNEDVIF	142	315
>JAK2-L545V KIRNEDLIF	297	>JAK2-L545V KIRNEDVIF	447	150
>JAK2-L545V KIRNEDLIF	93	>JAK2-L545V KIRNEDVIF	46	47
>JAK2-L545V KIRNEDLIF	194	>JAK2-L545V KIRNEDVIF	560	366
>JAK2-L545V HKIRNEDLI	696	>JAK2-L545V HKIRNEDVI	480	216
>JAK2-L545V HKIRNEDL	227	>JAK2-L545V HKIRNEDV	562	335
>JAK2-L545V HKIRNEDLI	1280	>JAK2-L545V HKIRNEDVI	388	892
>JAK2-L545V HKIRNEDLIF	9	>JAK2-L545V HKIRNEDVIF	6	3
>JAK2-L545V FHKIRNEDLI	433	>JAK2-L545V FHKIRNEDVI	1357	924
>JAK2-L545V FHKIRNEDLIF	73	>JAK2-L545V FHKIRNEDVIF	49	24
>JAK2-L545V VFHKIRNEDLI	261	>JAK2-L545V VFHKIRNEDV	167	94
>JAK2-L579F·LLKVLDKA	973	>JAK2-L579F·FLKVLDKA	75	898
>JAK2-L579F·LLKVLDKA	341	>JAK2-L579F·FLKVLDKA	31	310
>JAK2-L579F·LLKVLDKA	415	>JAK2-L579F·FLKVLDKA	63	352
>JAK2-L579F·LLKVLDKAHR	142	>JAK2-L579F·FLKVLDKAHR	233	91
>JAK2-L579F·LLKVLDKAHR	1298	>JAK2-L579F·FLKVLDKAHR	219	1079
>JAK2-L579F·VLLKVLDKA	419	>JAK2-L579F·VFLKVLDKA	18397	17978
>JAK2-L579F·VLLKVLDKA	317	>JAK2-L579F·VFLKVLDKA	8922	8605
>JAK2-L579F·VLLKVLDKA	364	>JAK2-L579F·VFLKVLDKA	16431	16067
>JAK2-L579F·VLLKVLDKA	148	>JAK2-L579F·VFLKVLDKA	13751	13603
>JAK2-L579F·VLLKVLDKA	10	>JAK2-L579F·VFLKVLDKA	9517	9507
>JAK2-L579F·VLLKVLDKA	129	>JAK2-L579F·VFLKVLDKA	18793	18664
>JAK2-L579F·VLLKVLDKA	16	>JAK2-L579F·VFLKVLDKA	8134	8118
>JAK2-L579F·VLLKVLDKA	124	>JAK2-L579F·VFLKVLDKA	17839	17715
>JAK2-L579F·VLLKVLDKA	64	>JAK2-L579F·VFLKVLDKA	27304	27240

>JAK2-L579F·VLLKVLDK	79	>JAK2-L579F·VFLKVLDK	3997	3918
>JAK2-L579F·VLLKVLDK	153	>JAK2-L579F·VFLKVLDK	2023	1870
>JAK2-L579F·VLLKVLDKAH	79	>JAK2-L579F·VFLKVLDKAH	27	52
>JAK2-L579F·VLLKVLDKAH	351	>JAK2-L579F·VFLKVLDKAH	79	272
>JAK2-L579F·VLLKVLDKAH	471	>JAK2-L579F·VFLKVLDKAH	149	322
>JAK2-L579F·DYGQLHETE\	2961	>JAK2-L579F·DYGQLHETE\	158	2803
>JAK2-L579F·DYGQLHETE\	863	>JAK2-L579F·DYGQLHETE\	152	711
>JAK2-L579F·DYGQLHETE\	112	>JAK2-L579F·DYGQLHETE\	18	94
>JAK2-L579F·EVLLKVLDK	804	>JAK2-L579F·EVFLKVLDK	237	567
>JAK2-L579F·EVLLKVLDK	444	>JAK2-L579F·EVFLKVLDK	18	426
>JAK2-L579F·EVLLKVLDKA	3241	>JAK2-L579F·EVFLKVLDKA	385	2856
>JAK2-L579F·TEVLLKVL	6	>JAK2-L579F·TEVFLKVL	13	7
>JAK2-L579F·TEVLLKVL	125	>JAK2-L579F·TEVFLKVL	106	19
>JAK2-L579F·TEVLLKVL	82	>JAK2-L579F·TEVFLKVL	41	41
>JAK2-L579F·TEVLLKVL	99	>JAK2-L579F·TEVFLKVL	121	22
>JAK2-L579F·TEVLLKVLDK\	272	>JAK2-L579F·TEVFLKVLDK\	205	67
>JAK2-L579F·ETEVLKVLDI	161	>JAK2-L579F·ETEVLKVLDI	76	85
>JAK2-L579F·ETEVLKV	239	>JAK2-L579F·ETEVLKV	118	121
>JAK2-L579F·ETEVLKV	88	>JAK2-L579F·ETEVLKV	33	55
>JAK2-L579F·HETEVLK	105	>JAK2-L579F·HETEVLK	63	42
>JAK2-L579F·HETEVLKV	36	>JAK2-L579F·HETEVLKV	52	16
>JAK2-L579F·HETEVLKVL	30	>JAK2-L579F·HETEVLKVL	35	5
>JAK2-L579F·HETEVLKV	316	>JAK2-L579F·HETEVLKV	271	45
>JAK2-L579F·HETEVLKV	28	>JAK2-L579F·HETEVLKV	15	13
>JAK2-L579F·HETEVLKV	205	>JAK2-L579F·HETEVLKV	101	104
>JAK2-L579F·HETEVLKV	659	>JAK2-L579F·HETEVLKV	351	308
>JAK2-L579F·HETEVLKV	508	>JAK2-L579F·HETEVLKV	101	407
>JAK2-L579F·HETEVLKV	5	>JAK2-L579F·HETEVLKV	7	2
>JAK2-L579F·LHETEVL	243	>JAK2-L579F·LHETEVL	464	221
>JAK2-L579F·LHETEVLKVI	316	>JAK2-L579F·LHETEVLKVI	248	68
>JAK2-L579F·QLHETEVL	458	>JAK2-L579F·QLHETEVL	209	249
>JAK2-L579F·QLHETEVLK'	95	>JAK2-L579F·QLHETEVLK'	104	9
>JAK2-L579F·QLHETEVL	112	>JAK2-L579F·QLHETEVL	4290	4178
>JAK2-L579F·QLHETEVL	75	>JAK2-L579F·QLHETEVL	36	39
>JAK2-L579F·QLHETEVLK'	97	>JAK2-L579F·QLHETEVLK'	96	1
>JAK2-L579F·QLHETEVLK'	32	>JAK2-L579F·QLHETEVLK'	40	8
>JAK2-L579F·QLHETEVLK'	110	>JAK2-L579F·QLHETEVLK'	75	35
>JAK2-L579F·QLHETEVL	37	>JAK2-L579F·QLHETEVL	3713	3676
>JAK2-L579F·QLHETEVL	36	>JAK2-L579F·QLHETEVL	12	24
>JAK2-L579F·QLHETEVLK'	3	>JAK2-L579F·QLHETEVLK'	3	0
>JAK2-L579F·QLHETEVL	152	>JAK2-L579F·QLHETEVL	13474	13322
>JAK2-L579F·QLHETEVL	177	>JAK2-L579F·QLHETEVL	35	142
>JAK2-L579F·QLHETEVLK'	20	>JAK2-L579F·QLHETEVLK'	24	4

>JAK2-L579F·QLHETEVL	173	>JAK2-L579F·QLHETEVL	34	139
>JAK2-L579F·QLHETEVLK'	11	>JAK2-L579F·QLHETEVLK'	11	0
>JAK2-L579F·QLHETEVLK'	60	>JAK2-L579F·QLHETEVLK'	68	8
>JAK2-L579F·QLHETEVL	21	>JAK2-L579F·QLHETEVL	8136	8115
>JAK2-L579F·QLHETEVL	14	>JAK2-L579F·QLHETEVL	12	2
>JAK2-L579F·QLHETEVLK'	3	>JAK2-L579F·QLHETEVLK'	3	0
>JAK2-L579F·QLHETEVLK	249	>JAK2-L579F·QLHETEVLK	546	297
>JAK2-L579F·QLHETEVLK	324	>JAK2-L579F·QLHETEVLK	283	41
>JAK2-L579F·QLHETEVLK	120	>JAK2-L579F·QLHETEVLK	142	22
>JAK2-L579F·QLHETEVL	1048	>JAK2-L579F·QLHETEVL	230	818
>JAK2-L579F·QLHETEVL	2998	>JAK2-L579F·QLHETEVL	142	2856
>JAK2-L579F·QLHETEVL	3973	>JAK2-L579F·QLHETEVL	216	3757
>JAK2-L579F·QLHETEVL	1598	>JAK2-L579F·QLHETEVL	43	1555
>JAK2-L579F·QLHETEVLK	595	>JAK2-L579F·QLHETEVLK	321	274
>JAK2-L579F·GQLHETEVL	773	>JAK2-L579F·GQLHETEVL	474	299
>JAK2-L579F·GQLHETEVL	182	>JAK2-L579F·GQLHETEVL	1145	963
>JAK2-L579F·GQLHETEVL	528	>JAK2-L579F·GQLHETEVL	130	398
>JAK2-L579F·GQLHETEVL	1794	>JAK2-L579F·GQLHETEVL	382	1412
>JAK2-L579F·GQLHETEVL	72	>JAK2-L579F·GQLHETEVL	47	25
>JAK2-L579F·GQLHETEVL	835	>JAK2-L579F·GQLHETEVL	54	781
>JAK2-L579F·GQLHETEVL	77	>JAK2-L579F·GQLHETEVL	6	71
>JAK2-L579F·GQLHETEVL	136	>JAK2-L579F·GQLHETEVL	94	42
>JAK2-L579F·GQLHETEVL	434	>JAK2-L579F·GQLHETEVL	9741	9307
>JAK2-L579F·GQLHETEVL	154	>JAK2-L579F·GQLHETEVL	532	378
>JAK2-L579F·GQLHETEVL	721	>JAK2-L579F·GQLHETEVL	456	265
>JAK2-L579F·YGQLHETEVL	6862	>JAK2-L579F·YGQLHETEVL	397	6465
>JAK2-L579F·YGQLHETEVL	1416	>JAK2-L579F·YGQLHETEVL	145	1271
>JAK2-L609S·LVLNYGVCV	94	>JAK2-L609S·LVLNYGVCV	82	12
>JAK2-L609S·LVLNYGVCV	39	>JAK2-L609S·LVLNYGVCV	33	6
>JAK2-L609S·LVLNYGVCV	15	>JAK2-L609S·LVLNYGVCV	14	1
>JAK2-L609S·LVLNYGVCV	60	>JAK2-L609S·LVLNYGVCV	50	10
>JAK2-L609S·LVLNYGVCV	25	>JAK2-L609S·LVLNYGVCV	13	12
>JAK2-L609S·LVLNYGVCV	55	>JAK2-L609S·LVLNYGVCV	395	340
>JAK2-L609S·LVLNYGVCV	17	>JAK2-L609S·LVLNYGVCV	35	18
>JAK2-L609S·LVLNYGVCV	542	>JAK2-L609S·LVLNYGVCV	104	438
>JAK2-L609S·HLVLNYGV	232	>JAK2-L609S·HLVLNYGV	9756	9524
>JAK2-L609S·HLVLNYGV	33	>JAK2-L609S·HLVLNYGV	2446	2413
>JAK2-L609S·HLVLNYGVC\	454	>JAK2-L609S·HLVLNYGVC\	9238	8784
>JAK2-L609S·HLVLNYGV	40	>JAK2-L609S·HLVLNYGV	5028	4988
>JAK2-L609S·HLVLNYGVC\	497	>JAK2-L609S·HLVLNYGVC\	13017	12520
>JAK2-L609S·HLVLNYGV	90	>JAK2-L609S·HLVLNYGV	2138	2048
>JAK2-L609S·HLVLNYGV	11	>JAK2-L609S·HLVLNYGV	9203	9192
>JAK2-L609S·HLVLNYGVC\	57	>JAK2-L609S·HLVLNYGVC\	15151	15094

>JAK2-L609S·HLVLNYGV	7	>JAK2-L609S·HSVLNYGV	7357	7350
>JAK2-L609S·HLVLNYGVC\	17	>JAK2-L609S·HSVLNYGVC\	14580	14563
>JAK2-L609S·HLVLNYGV	35	>JAK2-L609S·HSVLNYGV	15799	15764
>JAK2-L609S·HLVLNYGVC\	54	>JAK2-L609S·HSVLNYGVC\	18554	18500
>JAK2-L609S·HLVLNYGV	33	>JAK2-L609S·HSVLNYGV	17879	17846
>JAK2-L609S·HLVLNYGVC\	263	>JAK2-L609S·HSVLNYGVC\	22314	22051
>JAK2-L609S·HLVLNYGV	4	>JAK2-L609S·HSVLNYGV	19652	19648
>JAK2-L609S·HLVLNYGVC\	12	>JAK2-L609S·HSVLNYGVC\	21994	21982
>JAK2-L609S·HLVLNYGV	95	>JAK2-L609S·HSVLNYGV	19	76
>JAK2-L609S·HLVLNYGVC\	2900	>JAK2-L609S·HSVLNYGVC\	471	2429
>JAK2-L609S·HLVLNYGV	154	>JAK2-L609S·HSVLNYGV	212	58
>JAK2-L609S·SMMSKLSHK	57	>JAK2-L609S·SMMSKLSHK	3530	3473
>JAK2-L609S·SMMSKLSHK	127	>JAK2-L609S·SMMSKLSHK	6560	6433
>JAK2-L609S·SMMSKLSHK	19	>JAK2-L609S·SMMSKLSHK	2503	2484
>JAK2-L609S·SMMSKLSHK	19	>JAK2-L609S·SMMSKLSHK	589	570
>JAK2-L609S·SMMSKLSHK	255	>JAK2-L609S·SMMSKLSHK	4435	4180
>JAK2-L609S·SMMSKLSHK	19	>JAK2-L609S·SMMSKLSHK	2708	2689
>JAK2-L609S·SMMSKLSHK	35	>JAK2-L609S·SMMSKLSHK	6319	6284
>JAK2-L609S·SMMSKLSHK	58	>JAK2-L609S·SMMSKLSHK	9668	9610
>JAK2-L609S·SMMSKLSHK	158	>JAK2-L609S·SMMSKLSHK	9415	9257
>JAK2-L609S·SMMSKLSHK	11	>JAK2-L609S·SMMSKLSHK	5992	5981
>JAK2-L609S·SMMSKLSHK	34	>JAK2-L609S·SMMSKLSHK	1290	1256
>JAK2-L609S·SMMSKLSHK	171	>JAK2-L609S·SMMSKLSHK	3360	3189
>JAK2-L609S·SMMSKLSHK	72	>JAK2-L609S·SMMSKLSHK	2797	2725
>JAK2-L609S·HKHLVLNY	467	>JAK2-L609S·HKHSVLNY	267	200
>JAK2-L609S·HKHLVLNY	26	>JAK2-L609S·HKHSVLNY	6	20
>JAK2-L609S·HKHLVLNYG\	1759	>JAK2-L609S·HKHSVLNYG\	339	1420
>JAK2-L609S·SHKHLVLNY	438	>JAK2-L609S·SHKHSVLNY	1046	608
>JAK2-L609S·SHKHLVLNY	17	>JAK2-L609S·SHKHSVLNY	104	87
>JAK2-L609S·SHKHLVLNY	52	>JAK2-L609S·SHKHSVLNY	13	39
>JAK2-L609S·LSHKHLVLNY	211	>JAK2-L609S·LSHKHSVLNY	1069	858
>JAK2-L609S·LSHKHLVL	339	>JAK2-L609S·LSHKHSVL	414	75
>JAK2-L609S·LSHKHLVLNY	527	>JAK2-L609S·LSHKHSVLNY	207	320
>JAK2-L609S·LSHKHLVLNY	542	>JAK2-L609S·LSHKHSVLNY	388	154
>JAK2-L609S·LSHKHLVLNY	149	>JAK2-L609S·LSHKHSVLNY	236	87
>JAK2-L609S·LSHKHLVL	237	>JAK2-L609S·LSHKHSVL	199	38
>JAK2-L609S·LSHKHLVL	695	>JAK2-L609S·LSHKHSVL	378	317
>JAK2-L609S·LSHKHLVLNY	89	>JAK2-L609S·LSHKHSVLNY	51	38
>JAK2-L609S·LSHKHLVL	323	>JAK2-L609S·LSHKHSVL	150	173
>JAK2-L609S·LSHKHLVLNY	47	>JAK2-L609S·LSHKHSVLNY	19	28
>JAK2-L609S·LSHKHLVL	38	>JAK2-L609S·LSHKHSVL	25	13
>JAK2-L609S·LSHKHLVLNY	6	>JAK2-L609S·LSHKHSVLNY	4	2
>JAK2-L609S·LSHKHLVLNY	462	>JAK2-L609S·LSHKHSVLNY	447	15

>JAK2-L609S·LSHKHLVL	297	>JAK2-L609S·LSHKHSVL	436	139
>JAK2-L609S·LSHKHLVLNY	173	>JAK2-L609S·LSHKHSVLNY	118	55
>JAK2-L609S·LSHKHLVL	329	>JAK2-L609S·LSHKHSVL	178	151
>JAK2-L609S·KLSHKHLV	44	>JAK2-L609S·KLSHKHSV	77	33
>JAK2-L609S·KLSHKHLV	10	>JAK2-L609S·KLSHKHSV	11	1
>JAK2-L609S·KLSHKHLVL	91	>JAK2-L609S·KLSHKHSVL	46	45
>JAK2-L609S·KLSHKHLV	8	>JAK2-L609S·KLSHKHSV	6	2
>JAK2-L609S·KLSHKHLVL	134	>JAK2-L609S·KLSHKHSVL	42	92
>JAK2-L609S·KLSHKHLV	114	>JAK2-L609S·KLSHKHSV	108	6
>JAK2-L609S·KLSHKHLV	8	>JAK2-L609S·KLSHKHSV	6	2
>JAK2-L609S·KLSHKHLVL	176	>JAK2-L609S·KLSHKHSVL	178	2
>JAK2-L609S·KLSHKHLV	15	>JAK2-L609S·KLSHKHSV	9	6
>JAK2-L609S·KLSHKHLVL	323	>JAK2-L609S·KLSHKHSVL	220	103
>JAK2-L609S·KLSHKHLV	12	>JAK2-L609S·KLSHKHSV	13	1
>JAK2-L609S·KLSHKHLV	58	>JAK2-L609S·KLSHKHSV	29	29
>JAK2-L609S·KLSHKHLV	3	>JAK2-L609S·KLSHKHSV	2	1
>JAK2-L609S·KLSHKHLVL	53	>JAK2-L609S·KLSHKHSVL	40	13
>JAK2-L609S·KLSHKHLVLN	46	>JAK2-L609S·KLSHKHSVLN	51	5
>JAK2-L609S·KLSHKHLVLN	36	>JAK2-L609S·KLSHKHSVLN	102	66
>JAK2-L609S·KLSHKHLVLN	72	>JAK2-L609S·KLSHKHSVLN	50	22
>JAK2-L609S·KLSHKHLVL	248	>JAK2-L609S·KLSHKHSVL	1141	893
>JAK2-L609S·KLSHKHLVLN	4	>JAK2-L609S·KLSHKHSVLN	9	5
>JAK2-L609S·KLSHKHLVL	168	>JAK2-L609S·KLSHKHSVL	127	41
>JAK2-L609S·KLSHKHLVL	579	>JAK2-L609S·KLSHKHSVL	494	85
>JAK2-L609S·KLSHKHLVLN	101	>JAK2-L609S·KLSHKHSVLN	87	14
>JAK2-L609S·KLSHKHLVL	352	>JAK2-L609S·KLSHKHSVL	225	127
>JAK2-L609S·KLSHKHLVLN	81	>JAK2-L609S·KLSHKHSVLN	43	38
>JAK2-L609S·KLSHKHLVLN	81	>JAK2-L609S·KLSHKHSVLN	46	35
>JAK2-L609S·KLSHKHLVL	7110	>JAK2-L609S·KLSHKHSVL	428	6682
>JAK2-L609S·KLSHKHLVLN	166	>JAK2-L609S·KLSHKHSVLN	201	35
>JAK2-L609S·SKLSHKHL	37	>JAK2-L609S·SKLSHKHS	2043	2006
>JAK2-L609S·SKLSHKHLV	665	>JAK2-L609S·SKLSHKHSV	93	572
>JAK2-L609S·SKLSHKHLVL	39	>JAK2-L609S·SKLSHKHSVL	21	18
>JAK2-L609S·SKLSHKHLVL	72	>JAK2-L609S·SKLSHKHSVL	68	4
>JAK2-L609S·MSKLSHKHL	17	>JAK2-L609S·MSKLSHKHS	58	41
>JAK2-L609S·MSKLSHKHL\	24	>JAK2-L609S·MSKLSHKHS\	21	3
>JAK2-L609S·MSKLSHKHL\	16	>JAK2-L609S·MSKLSHKHS\	26	10
>JAK2-L609S·MSKLSHKHL	202	>JAK2-L609S·MSKLSHKHS	9037	8835
>JAK2-L609S·MSKLSHKHL\	84	>JAK2-L609S·MSKLSHKHS\	80	4
>JAK2-L609S·MSKLSHKHL	215	>JAK2-L609S·MSKLSHKHS	8157	7942
>JAK2-L609S·MSKLSHKHL\	183	>JAK2-L609S·MSKLSHKHS\	119	64
>JAK2-L609S·MSKLSHKHL	6	>JAK2-L609S·MSKLSHKHS	2991	2985
>JAK2-L609S·MSKLSHKHL\	692	>JAK2-L609S·MSKLSHKHS\	287	405

>JAK2-L609S·MSKLSHKHL\	6	>JAK2-L609S·MSKLSHKHS\	6	0
>JAK2-L609S·MSKLSHKHL\	474	>JAK2-L609S·MSKLSHKHS\	58	416
>JAK2-L609S·MMSKLSHKH	14	>JAK2-L609S·MMSKLSHKH	18	4
>JAK2-L609S·MMSKLSHKH	179	>JAK2-L609S·MMSKLSHKH	11398	11219
>JAK2-L609S·MMSKLSHKH	3	>JAK2-L609S·MMSKLSHKH	3	0
>JAK2-L609S·MMSKLSHKH	143	>JAK2-L609S·MMSKLSHKH	6537	6394
>JAK2-L609S·MMSKLSHKH	5	>JAK2-L609S·MMSKLSHKH	4	1
>JAK2-L609S·MMSKLSHKH	30	>JAK2-L609S·MMSKLSHKH	27	3
>JAK2-L609S·MMSKLSHKH	64	>JAK2-L609S·MMSKLSHKH	5280	5216
>JAK2-L609S·MMSKLSHKH	3	>JAK2-L609S·MMSKLSHKH	3	0
>JAK2-L609S·MMSKLSHKH	194	>JAK2-L609S·MMSKLSHKH	11878	11684
>JAK2-L609S·MMSKLSHKH	7	>JAK2-L609S·MMSKLSHKH	4	3
>JAK2-L609S·MMSKLSHKH	124	>JAK2-L609S·MMSKLSHKH	9157	9033
>JAK2-L609S·MMSKLSHKH	9	>JAK2-L609S·MMSKLSHKH	9	0
>JAK2-L609S·MMSKLSHKH	362	>JAK2-L609S·MMSKLSHKH	18945	18583
>JAK2-L609S·MMSKLSHKH	5	>JAK2-L609S·MMSKLSHKH	4	1
>JAK2-L609S·MMSKLSHKH	12	>JAK2-L609S·MMSKLSHKH	4773	4761
>JAK2-L609S·MMSKLSHKH	2	>JAK2-L609S·MMSKLSHKH	2	0
>JAK2-L609S·MMSKLSHKH	79	>JAK2-L609S·MMSKLSHKH	99	20
>JAK2-L609S·MMSKLSHKH	102	>JAK2-L609S·MMSKLSHKH	72	30
>JAK2-L609S·MMSKLSHKH	687	>JAK2-L609S·MMSKLSHKH	104	583
>JAK2-L609S·MMSKLSHKH	217	>JAK2-L609S·MMSKLSHKH	3970	3753
>JAK2-L609S·MMSKLSHKH	63	>JAK2-L609S·MMSKLSHKH	2268	2205
>JAK2-L609S·MMSKLSHKH	668	>JAK2-L609S·MMSKLSHKH	161	507
>JAK2-L611S·VLNYGVCV	55	>JAK2-L611S·VSNYGVCV	11451	11396
>JAK2-L611S·VLNYGVCV	23	>JAK2-L611S·VSNYGVCV	6020	5997
>JAK2-L611S·VLNYGVCV	17	>JAK2-L611S·VSNYGVCV	3695	3678
>JAK2-L611S·VLNYGVCV	261	>JAK2-L611S·VSNYGVCV	5819	5558
>JAK2-L611S·VLNYGVCV	6	>JAK2-L611S·VSNYGVCV	4883	4877
>JAK2-L611S·VLNYGVCVC	101	>JAK2-L611S·VSNYGVCVC	17984	17883
>JAK2-L611S·VLNYGVCV	7	>JAK2-L611S·VSNYGVCV	13487	13480
>JAK2-L611S·VLNYGVCV	8	>JAK2-L611S·VSNYGVCV	7492	7484
>JAK2-L611S·VLNYGVCV	7	>JAK2-L611S·VSNYGVCV	11213	11206
>JAK2-L611S·VLNYGVCV	4	>JAK2-L611S·VSNYGVCV	10977	10973
>JAK2-L611S·VLNYGVCVC	44	>JAK2-L611S·VSNYGVCVC	31329	31285
>JAK2-L611S·MSKLSHKHL\	16	>JAK2-L611S·MSKLSHKHL\	51	35
>JAK2-L611S·MSKLSHKHL\	84	>JAK2-L611S·MSKLSHKHL\	3803	3719
>JAK2-L611S·MSKLSHKHL\	183	>JAK2-L611S·MSKLSHKHL\	6681	6498
>JAK2-L611S·MSKLSHKHL\	6	>JAK2-L611S·MSKLSHKHL\	2079	2073
>JAK2-L611S·MSKLSHKHL\	474	>JAK2-L611S·MSKLSHKHL\	7835	7361
>JAK2-L611S·LVLNYGVCV	94	>JAK2-L611S·LVSNYGVCV	524	430
>JAK2-L611S·LVLNYGVCV	762	>JAK2-L611S·LVSNYGVCV	145	617
>JAK2-L611S·LVLNYGVCV	1307	>JAK2-L611S·LVSNYGVCV	464	843



>JAK2-L611S·LVLNYGVCV	39	>JAK2-L611S·LVSNYGVCV	198	159
>JAK2-L611S·LVLNYGVCV	15	>JAK2-L611S·LVSNYGVCV	157	142
>JAK2-L611S·LVLNYGVCV	60	>JAK2-L611S·LVSNYGVCV	621	561
>JAK2-L611S·LVLNYGVCV	25	>JAK2-L611S·LVSNYGVCV	188	163
>JAK2-L611S·LVLNYGVCV	55	>JAK2-L611S·LVSNYGVCV	441	386
>JAK2-L611S·LVLNYGVCV	17	>JAK2-L611S·LVSNYGVCV	22	5
>JAK2-L611S·HLVLNYGV	232	>JAK2-L611S·HLVSNYGV	96	136
>JAK2-L611S·HLVLNYGVC\	546	>JAK2-L611S·HLVSNYGVC\	485	61
>JAK2-L611S·HLVLNYGV	33	>JAK2-L611S·HLVSNYGV	13	20
>JAK2-L611S·HLVLNYGVC\	454	>JAK2-L611S·HLVSNYGVC\	132	322
>JAK2-L611S·HLVLNYGV	40	>JAK2-L611S·HLVSNYGV	12	28
>JAK2-L611S·HLVLNYGVC\	497	>JAK2-L611S·HLVSNYGVC\	223	274
>JAK2-L611S·HLVLNYGV	90	>JAK2-L611S·HLVSNYGV	59	31
>JAK2-L611S·HLVLNYGV	11	>JAK2-L611S·HLVSNYGV	5	6
>JAK2-L611S·HLVLNYGVC\	57	>JAK2-L611S·HLVSNYGVC\	14	43
>JAK2-L611S·HLVLNYGV	7	>JAK2-L611S·HLVSNYGV	5	2
>JAK2-L611S·HLVLNYGVC\	17	>JAK2-L611S·HLVSNYGVC\	9	8
>JAK2-L611S·HLVLNYGV	35	>JAK2-L611S·HLVSNYGV	18	17
>JAK2-L611S·HLVLNYGVC\	54	>JAK2-L611S·HLVSNYGVC\	26	28
>JAK2-L611S·HLVLNYGV	33	>JAK2-L611S·HLVSNYGV	18	15
>JAK2-L611S·HLVLNYGVC\	263	>JAK2-L611S·HLVSNYGVC\	99	164
>JAK2-L611S·HLVLNYGV	4	>JAK2-L611S·HLVSNYGV	3	1
>JAK2-L611S·HLVLNYGVC\	12	>JAK2-L611S·HLVSNYGVC\	6	6
>JAK2-L611S·HLVLNYGVC\	694	>JAK2-L611S·HLVSNYGVC\	208	486
>JAK2-L611S·HLVLNYGV	95	>JAK2-L611S·HLVSNYGV	46	49
>JAK2-L611S·HLVLNYGV	154	>JAK2-L611S·HLVSNYGV	58	96
>JAK2-L611S·KHLVLNYGVC	511	>JAK2-L611S·KHLVSNYGVC	181	330
>JAK2-L611S·HKHLVLNY	467	>JAK2-L611S·HKHLVSNY	3895	3428
>JAK2-L611S·HKHLVLNY	26	>JAK2-L611S·HKHLVSNY	13	13
>JAK2-L611S·SHKHLVLNY	438	>JAK2-L611S·SHKHLVSNY	3469	3031
>JAK2-L611S·SHKHLVLNY	1649	>JAK2-L611S·SHKHLVSNY	420	1229
>JAK2-L611S·SHKHLVLNY	17	>JAK2-L611S·SHKHLVSNY	742	725
>JAK2-L611S·SHKHLVLNY	52	>JAK2-L611S·SHKHLVSNY	27	25
>JAK2-L611S·SHKHLVLNY	4240	>JAK2-L611S·SHKHLVSNY	252	3988
>JAK2-L611S·LSHKHLVLNY	211	>JAK2-L611S·LSHKHLVSNY	47	164
>JAK2-L611S·LSHKHLVL	339	>JAK2-L611S·LSHKHLVS	1277	938
>JAK2-L611S·LSHKHLVLNY	542	>JAK2-L611S·LSHKHLVSNY	120	422
>JAK2-L611S·LSHKHLVLNY	149	>JAK2-L611S·LSHKHLVSNY	2292	2143
>JAK2-L611S·LSHKHLVL	237	>JAK2-L611S·LSHKHLVS	8670	8433
>JAK2-L611S·LSHKHLVLNY	89	>JAK2-L611S·LSHKHLVSNY	70	19
>JAK2-L611S·LSHKHLVL	323	>JAK2-L611S·LSHKHLVS	9543	9220
>JAK2-L611S·LSHKHLVLNY	47	>JAK2-L611S·LSHKHLVSNY	22	25
>JAK2-L611S·LSHKHLVL	38	>JAK2-L611S·LSHKHLVS	8898	8860

>JAK2-L611S·LSHKHLVLNY	6	>JAK2-L611S·LSHKHLVSNY	6	0
>JAK2-L611S·LSHKHLVLNY	462	>JAK2-L611S·LSHKHLVSNY	1425	963
>JAK2-L611S·LSHKHLVL	297	>JAK2-L611S·LSHKHLVS	4698	4401
>JAK2-L611S·LSHKHLVLNY	173	>JAK2-L611S·LSHKHLVSNY	145	28
>JAK2-L611S·LSHKHLVL	329	>JAK2-L611S·LSHKHLVS	24012	23683
>JAK2-L611S·KLSHKHLVL	91	>JAK2-L611S·KLSHKHLVS	11123	11032
>JAK2-L611S·KLSHKHLVL	134	>JAK2-L611S·KLSHKHLVS	6346	6212
>JAK2-L611S·KLSHKHLVL	176	>JAK2-L611S·KLSHKHLVS	11452	11276
>JAK2-L611S·KLSHKHLVL	323	>JAK2-L611S·KLSHKHLVS	16707	16384
>JAK2-L611S·KLSHKHLVL	53	>JAK2-L611S·KLSHKHLVS	13554	13501
>JAK2-L611S·KLSHKHLVLN	46	>JAK2-L611S·KLSHKHLVSN	57	11
>JAK2-L611S·KLSHKHLVLN	36	>JAK2-L611S·KLSHKHLVSN	178	142
>JAK2-L611S·KLSHKHLVLN	72	>JAK2-L611S·KLSHKHLVSN	33	39
>JAK2-L611S·KLSHKHLVL	248	>JAK2-L611S·KLSHKHLVS	8756	8508
>JAK2-L611S·KLSHKHLVLN	4	>JAK2-L611S·KLSHKHLVSN	10	6
>JAK2-L611S·KLSHKHLVL	168	>JAK2-L611S·KLSHKHLVS	9233	9065
>JAK2-L611S·KLSHKHLVLN	101	>JAK2-L611S·KLSHKHLVSN	92	9
>JAK2-L611S·KLSHKHLVL	352	>JAK2-L611S·KLSHKHLVS	7888	7536
>JAK2-L611S·KLSHKHLVLN	81	>JAK2-L611S·KLSHKHLVSN	56	25
>JAK2-L611S·KLSHKHLVLN	81	>JAK2-L611S·KLSHKHLVSN	99	18
>JAK2-L611S·KLSHKHLVLN	3046	>JAK2-L611S·KLSHKHLVSN	376	2670
>JAK2-L611S·KLSHKHLVLN	166	>JAK2-L611S·KLSHKHLVSN	238	72
>JAK2-L611S·SKLSHKHLVL	39	>JAK2-L611S·SKLSHKHLVS	2109	2070
>JAK2-L611S·SKLSHKHLVL	72	>JAK2-L611S·SKLSHKHLVS	16916	16844
>JAK2-L611V·VLNYGVCV	55	>JAK2-L611V·VVNYGVCV	1542	1487
>JAK2-L611V·VLNYGVCV	23	>JAK2-L611V·VVNYGVCV	1089	1066
>JAK2-L611V·VLNYGVCV	17	>JAK2-L611V·VVNYGVCV	224	207
>JAK2-L611V·VLNYGVCV	261	>JAK2-L611V·VVNYGVCV	273	12
>JAK2-L611V·VLNYGVCV	6	>JAK2-L611V·VVNYGVCV	275	269
>JAK2-L611V·VLNYGVCVC	101	>JAK2-L611V·VVNYGVCVC	5439	5338
>JAK2-L611V·VLNYGVCV	7	>JAK2-L611V·VVNYGVCV	835	828
>JAK2-L611V·VLNYGVCV	8	>JAK2-L611V·VVNYGVCV	146	138
>JAK2-L611V·VLNYGVCV	7	>JAK2-L611V·VVNYGVCV	297	290
>JAK2-L611V·VLNYGVCV	4	>JAK2-L611V·VVNYGVCV	66	62
>JAK2-L611V·VLNYGVCVC	44	>JAK2-L611V·VVNYGVCVC	7390	7346
>JAK2-L611V·VLNYGVCV	3740	>JAK2-L611V·VVNYGVCV	391	3349
>JAK2-L611V·MSKLSHKHL\	16	>JAK2-L611V·MSKLSHKHL\	12	4
>JAK2-L611V·MSKLSHKHL\	84	>JAK2-L611V·MSKLSHKHL\	295	211
>JAK2-L611V·MSKLSHKHL\	183	>JAK2-L611V·MSKLSHKHL\	433	250
>JAK2-L611V·MSKLSHKHL\	6	>JAK2-L611V·MSKLSHKHL\	84	78
>JAK2-L611V·MSKLSHKHL\	474	>JAK2-L611V·MSKLSHKHL\	1397	923
>JAK2-L611V·LVLNYGVCV	94	>JAK2-L611V·LVVNYGVCV	732	638
>JAK2-L611V·LVLNYGVCV	39	>JAK2-L611V·LVVNYGVCV	55	16

>JAK2-L611V LVLNYGVCV	15	>JAK2-L611V LVVNYGVCV	109	94
>JAK2-L611V LVLNYGVCV	60	>JAK2-L611V LVVNYGVCV	470	410
>JAK2-L611V LVLNYGVCV	25	>JAK2-L611V LVVNYGVCV	261	236
>JAK2-L611V LVLNYGVCV	55	>JAK2-L611V LVVNYGVCV	2375	2320
>JAK2-L611V LVLNYGVCV	17	>JAK2-L611V LVVNYGVCV	29	12
>JAK2-L611V LVLNYGVCV	2644	>JAK2-L611V LVVNYGVCV	480	2164
>JAK2-L611V HLVLNYGV	232	>JAK2-L611V HLVVNYGV	249	17
>JAK2-L611V HLVLNYGV	33	>JAK2-L611V HLVVNYGV	28	5
>JAK2-L611V HLVLNYGVC\	454	>JAK2-L611V HLVVNYGVC\	619	165
>JAK2-L611V HLVLNYGV	40	>JAK2-L611V HLVVNYGV	36	4
>JAK2-L611V HLVLNYGVC\	497	>JAK2-L611V HLVVNYGVC\	544	47
>JAK2-L611V HLVLNYGV	90	>JAK2-L611V HLVVNYGV	72	18
>JAK2-L611V HLVLNYGV	11	>JAK2-L611V HLVVNYGV	8	3
>JAK2-L611V HLVLNYGVC\	57	>JAK2-L611V HLVVNYGVC\	44	13
>JAK2-L611V HLVLNYGV	7	>JAK2-L611V HLVVNYGV	7	0
>JAK2-L611V HLVLNYGVC\	17	>JAK2-L611V HLVVNYGVC\	15	2
>JAK2-L611V HLVLNYGV	35	>JAK2-L611V HLVVNYGV	26	9
>JAK2-L611V HLVLNYGVC\	54	>JAK2-L611V HLVVNYGVC\	42	12
>JAK2-L611V HLVLNYGV	33	>JAK2-L611V HLVVNYGV	30	3
>JAK2-L611V HLVLNYGVC\	263	>JAK2-L611V HLVVNYGVC\	214	49
>JAK2-L611V HLVLNYGV	4	>JAK2-L611V HLVVNYGV	4	0
>JAK2-L611V HLVLNYGVC\	12	>JAK2-L611V HLVVNYGVC\	10	2
>JAK2-L611V HLVLNYGVC\	694	>JAK2-L611V HLVVNYGVC\	481	213
>JAK2-L611V HLVLNYGV	95	>JAK2-L611V HLVVNYGV	77	18
>JAK2-L611V HLVLNYGV	154	>JAK2-L611V HLVVNYGV	111	43
>JAK2-L611V HKHLVLNY	467	>JAK2-L611V HKHLVVNY	5944	5477
>JAK2-L611V HKHLVLNY	26	>JAK2-L611V HKHLVVNY	14	12
>JAK2-L611V SHKHLVLNY	438	>JAK2-L611V SHKHLVVNY	3402	2964
>JAK2-L611V SHKHLVLNY	17	>JAK2-L611V SHKHLVVNY	1298	1281
>JAK2-L611V SHKHLVLNY	52	>JAK2-L611V SHKHLVVNY	31	21
>JAK2-L611V LSHKHLVLNY	211	>JAK2-L611V LSHKHLVVNY	119	92
>JAK2-L611V LSHKHLVL	339	>JAK2-L611V LSHKHLVV	205	134
>JAK2-L611V LSHKHLVLNY	542	>JAK2-L611V LSHKHLVVNY	329	213
>JAK2-L611V LSHKHLVLNY	149	>JAK2-L611V LSHKHLVVNY	2880	2731
>JAK2-L611V LSHKHLVL	237	>JAK2-L611V LSHKHLVV	1024	787
>JAK2-L611V LSHKHLVLNY	89	>JAK2-L611V LSHKHLVVNY	92	3
>JAK2-L611V LSHKHLVL	323	>JAK2-L611V LSHKHLVV	729	406
>JAK2-L611V LSHKHLVLNY	47	>JAK2-L611V LSHKHLVVNY	25	22
>JAK2-L611V LSHKHLVL	38	>JAK2-L611V LSHKHLVV	1262	1224
>JAK2-L611V LSHKHLVLNY	6	>JAK2-L611V LSHKHLVVNY	7	1
>JAK2-L611V LSHKHLVLNY	462	>JAK2-L611V LSHKHLVVNY	1330	868
>JAK2-L611V LSHKHLVL	297	>JAK2-L611V LSHKHLVV	1031	734
>JAK2-L611V LSHKHLVLNY	173	>JAK2-L611V LSHKHLVVNY	160	13

>JAK2-L611V LSHKHLVL	329	>JAK2-L611V LSHKHLVV	1321	992
>JAK2-L611V KLSHKHLVL	1056	>JAK2-L611V KLSHKHLVV	280	776
>JAK2-L611V KLSHKHLVL	91	>JAK2-L611V KLSHKHLVV	81	10
>JAK2-L611V KLSHKHLVL	134	>JAK2-L611V KLSHKHLVV	13	121
>JAK2-L611V KLSHKHLVL	3827	>JAK2-L611V KLSHKHLVV	462	3365
>JAK2-L611V KLSHKHLVL	176	>JAK2-L611V KLSHKHLVV	13	163
>JAK2-L611V KLSHKHLVL	323	>JAK2-L611V KLSHKHLVV	35	288
>JAK2-L611V KLSHKHLVL	536	>JAK2-L611V KLSHKHLVV	23	513
>JAK2-L611V KLSHKHLVL	6968	>JAK2-L611V KLSHKHLVV	307	6661
>JAK2-L611V KLSHKHLVL	53	>JAK2-L611V KLSHKHLVV	6	47
>JAK2-L611V KLSHKHLVLN	46	>JAK2-L611V KLSHKHLVVN	60	14
>JAK2-L611V KLSHKHLVLN	36	>JAK2-L611V KLSHKHLVVN	154	118
>JAK2-L611V KLSHKHLVL	692	>JAK2-L611V KLSHKHLVV	411	281
>JAK2-L611V KLSHKHLVLN	72	>JAK2-L611V KLSHKHLVVN	81	9
>JAK2-L611V KLSHKHLVL	248	>JAK2-L611V KLSHKHLVV	944	696
>JAK2-L611V KLSHKHLVLN	518	>JAK2-L611V KLSHKHLVVN	247	271
>JAK2-L611V KLSHKHLVLN	4	>JAK2-L611V KLSHKHLVVN	13	9
>JAK2-L611V KLSHKHLVL	168	>JAK2-L611V KLSHKHLVV	806	638
>JAK2-L611V KLSHKHLVLN	101	>JAK2-L611V KLSHKHLVVN	125	24
>JAK2-L611V KLSHKHLVL	352	>JAK2-L611V KLSHKHLVV	642	290
>JAK2-L611V KLSHKHLVLN	81	>JAK2-L611V KLSHKHLVVN	58	23
>JAK2-L611V KLSHKHLVLN	81	>JAK2-L611V KLSHKHLVVN	157	76
>JAK2-L611V KLSHKHLVLN	166	>JAK2-L611V KLSHKHLVVN	423	257
>JAK2-L611V SKLSHKHLVL	39	>JAK2-L611V SKLSHKHLVV	84	45
>JAK2-L611V SKLSHKHLVL	72	>JAK2-L611V SKLSHKHLVV	1103	1031
>JAK2-L624P LVQEFVKFGS	475	>JAK2-L624P PVQEFVKFGS	6457	5982
>JAK2-L624P LVQEFVKFGS	277	>JAK2-L624P PVQEFVKFGS	11313	11036
>JAK2-L624P LVQEFVKFGS	480	>JAK2-L624P PVQEFVKFGS	5630	5150
>JAK2-L624P LVQEFVKFGS	440	>JAK2-L624P PVQEFVKFGS	8452	8012
>JAK2-L624P LVQEFVKF	213	>JAK2-L624P PVQEFVKF	2015	1802
>JAK2-L624P LVQEFVKF	381	>JAK2-L624P PVQEFVKF	4046	3665
>JAK2-L624P ILVQEFVKF	35276	>JAK2-L624P IPVQEFVKF	158	35118
>JAK2-L624P ILVQEFVK	347	>JAK2-L624P IPVQEFVK	18341	17994
>JAK2-L624P ILVQEFVK	448	>JAK2-L624P IPVQEFVK	15409	14961
>JAK2-L624P ILVQEFVKF	46	>JAK2-L624P IPVQEFVKF	325	279
>JAK2-L624P ILVQEFVKF	286	>JAK2-L624P IPVQEFVKF	14618	14332
>JAK2-L624P ILVQEFVKF	25	>JAK2-L624P IPVQEFVKF	166	141
>JAK2-L624P ILVQEFVKF	2553	>JAK2-L624P IPVQEFVKF	25	2528
>JAK2-L624P ILVQEFVKF	12622	>JAK2-L624P IPVQEFVKF	19	12603
>JAK2-L624P ILVQEFVKF	4484	>JAK2-L624P IPVQEFVKF	89	4395
>JAK2-L624P ILVQEFVKF	5212	>JAK2-L624P IPVQEFVKF	9	5203
>JAK2-L624P NILVQEFV	268	>JAK2-L624P NIPVQEFV	514	246
>JAK2-L624P NILVQEFV	49	>JAK2-L624P NIPVQEFV	267	218

>JAK2-L624P NILVQEFV	86	>JAK2-L624P NIPVQEFV	656	570
>JAK2-L624P NILVQEFV	295	>JAK2-L624P NIPVQEFV	3812	3517
>JAK2-L624P NILVQEFV	49	>JAK2-L624P NIPVQEFV	505	456
>JAK2-L624P NILVQEFV	39	>JAK2-L624P NIPVQEFV	1878	1839
>JAK2-L624P NILVQEFV	127	>JAK2-L624P NIPVQEFV	248	121
>JAK2-L624P NILVQEFVK	294	>JAK2-L624P NIPVQEFVK	2511	2217
>JAK2-L624P NILVQEFVK	337	>JAK2-L624P NIPVQEFVK	453	116
>JAK2-L624P NILVQEFV	205	>JAK2-L624P NIPVQEFV	68	137
>JAK2-L624P NILVQEFV	51	>JAK2-L624P NIPVQEFV	2003	1952
>JAK2-L624P ENILVQEF	464	>JAK2-L624P ENIPVQEF	249	215
>JAK2-L624P ENILVQEFV	12	>JAK2-L624P ENIPVQEFV	8	4
>JAK2-L624P DENILVQEF	418	>JAK2-L624P DENIPVQEF	9393	8975
>JAK2-L624P DENILVQEFV	11	>JAK2-L624P DENIPVQEFV	74	63
>JAK2-L624P DENILVQE	498	>JAK2-L624P DENIPVQE	3060	2562
>JAK2-L624P DENILVQEF	7	>JAK2-L624P DENIPVQEF	21	14
>JAK2-L624P DENILVQEFV	441	>JAK2-L624P DENIPVQEFV	1659	1218
>JAK2-L624P DENILVQEF	78	>JAK2-L624P DENIPVQEF	76	2
>JAK2-L624P DENILVQEF	120	>JAK2-L624P DENIPVQEF	556	436
>JAK2-L624P GDENILVQEF	215	>JAK2-L624P GDENIPVQEF	222	7
>JAK2-L624P VCGDENILV	405	>JAK2-L624P VCGDENIPV	521	116
>JAK2-L624P CVCGDENILV	267	>JAK2-L624P CVCGDENIPV	179	88
>JAK2-L624P CVCGDENILV	285	>JAK2-L624P CVCGDENIPV	382	97
>JAK2-L624P CVCGDENILV	815	>JAK2-L624P CVCGDENIPV	386	429
>JAK2-M535I MVFHKIRNEI	482	>JAK2-M535I IVFHKIRNEDL	202	280
>JAK2-M535I MVFHKIRNEI	215	>JAK2-M535I IVFHKIRNEDL	924	709
>JAK2-M535I MVFHKIRNEI	268	>JAK2-M535I IVFHKIRNEDL	578	310
>JAK2-M535I MVFHKIRNEI	33	>JAK2-M535I IVFHKIRNEDL	1756	1723
>JAK2-M535I QMVFHKIR	86	>JAK2-M535I QIVFHKIR	462	376
>JAK2-M535I QMVFHKIR	304	>JAK2-M535I QIVFHKIR	122	182
>JAK2-M535I QMVFHKIR	76	>JAK2-M535I QIVFHKIR	127	51
>JAK2-M535I TLQRPTHMN	2038	>JAK2-M535I TLQRPTHMN	488	1550
>JAK2-M535I TLQRPTHMN	2690	>JAK2-M535I TLQRPTHMN	223	2467
>JAK2-M535I TLQRPTHMN	1477	>JAK2-M535I TLQRPTHMN	185	1292
>JAK2-M535I TLQRPTHMN	2993	>JAK2-M535I TLQRPTHMN	280	2713
>JAK2-M535I TLQRPTHMN	386	>JAK2-M535I TLQRPTHMN	61	325
>JAK2-M535I TLQRPTHMN	447	>JAK2-M535I TLQRPTHMN	8317	7870
>JAK2-M535I NQMVFHKI	53	>JAK2-M535I NQIVFHKI	90	37
>JAK2-M535I NQMVFHKIR	99	>JAK2-M535I NQIVFHKIR	249	150
>JAK2-M535I NQMVFHKI	302	>JAK2-M535I NQIVFHKI	593	291
>JAK2-M535I NQMVFHKIR	364	>JAK2-M535I NQIVFHKIR	614	250
>JAK2-M535I NQMVFHKIR	128	>JAK2-M535I NQIVFHKIR	164	36
>JAK2-M535I MNQMVFHK	328	>JAK2-M535I MNQIVFHKI	476	148
>JAK2-M535I MNQMVFHK	178	>JAK2-M535I MNQIVFHK	385	207

>JAK2-M535IMNQMVFHK	506	>JAK2-M535IMNQIVFHKI	429	77
>JAK2-M535IMNQMVFHK	328	>JAK2-M535IMNQIVFHK	337	9
>JAK2-M535IMNQMVFHK	280	>JAK2-M535IMNQIVFHKIF	344	64
>JAK2-M535IMNQMVFHK	170	>JAK2-M535IMNQIVFHKIF	261	91
>JAK2-M535IMNQMVFHK	170	>JAK2-M535IMNQIVFHK	204	34
>JAK2-M535IMNQMVFHK	404	>JAK2-M535IMNQIVFHKIF	389	15
>JAK2-M535IMNQMVFHK	484	>JAK2-M535IMNQIVFHKI	370	114
>JAK2-M535IHMNQMVFH	481	>JAK2-M535IHMNQIVFHK	327	154
>JAK2-M535IHMNQMVFH	244	>JAK2-M535IHMNQIVFHK	225	19
>JAK2-M535IHMNQMVFH	12	>JAK2-M535IHMNQIVFHK	8	4
>JAK2-M535IHMNQMVFH	34	>JAK2-M535IHMNQIVFHK	26	8
>JAK2-M535IHMNQMVFH	39	>JAK2-M535IHMNQIVFHK	30	9
>JAK2-M535IHMNQMVFH	49	>JAK2-M535IHMNQIVFHK	37	12
>JAK2-M535IHMNQMVFH	9	>JAK2-M535IHMNQIVFHK	11	2
>JAK2-M535IHMNQMVFH	322	>JAK2-M535IHMNQIVFH	302	20
>JAK2-M535IHMNQMVFH	35	>JAK2-M535IHMNQIVFHK	34	1
>JAK2-M535IHMNQMVFH	26	>JAK2-M535IHMNQIVFHK	30	4
>JAK2-M535IHMNQMVFH	105	>JAK2-M535IHMNQIVFHK	133	28
>JAK2-M535IHMNQMVFH	284	>JAK2-M535IHMNQIVFH	211	73
>JAK2-M535IHMNQMVFH	17	>JAK2-M535IHMNQIVFHK	14	3
>JAK2-M535IHMNQMVFH	13	>JAK2-M535IHMNQIVFHK	13	0
>JAK2-M535IHMNQMVFH	133	>JAK2-M535IHMNQIVFHK	95	38
>JAK2-M535IHMNQMVFH	292	>JAK2-M535IHMNQIVFHK	147	145
>JAK2-M535IHMNQMVFH	174	>JAK2-M535IHMNQIVFHK	119	55
>JAK2-M535IHMNQMVFH	82	>JAK2-M535IHMNQIVFHK	36	46
>JAK2-M535IHMNQMVFH	152	>JAK2-M535IHMNQIVFHK	84	68
>JAK2-M535IHMNQMVFH	441	>JAK2-M535IHMNQIVFHK	208	233
>JAK2-M535IHMNQMVFH	474	>JAK2-M535IHMNQIVFHK	473	1
>JAK2-M535IHMNQMVFH	129	>JAK2-M535IHMNQIVFHK	63	66
>JAK2-M535IHMNQMVFH	34	>JAK2-M535IHMNQIVFHK	24	10
>JAK2-M535ITHMNQMV	318	>JAK2-M535ITHMNQIVFH	435	117
>JAK2-M535ITHMNQMV	197	>JAK2-M535ITHMNQIVF	447	250
>JAK2-M535ITHMNQMV	20	>JAK2-M535ITHMNQIVF	29	9
>JAK2-M535ITHMNQMV	60	>JAK2-M535ITHMNQIVF	56	4
>JAK2-M535ITHMNQMV	215	>JAK2-M535ITHMNQIVFH	255	40
>JAK2-M535ITHMNQMV	457	>JAK2-M535ITHMNQIVFH	825	368
>JAK2-M535IPTHMNQMV	396	>JAK2-M535IPTHMNQIVFI	494	98
>JAK2-M535IPTHMNQMV	20	>JAK2-M535IPTHMNQIVFI	22	2
>JAK2-M535IPTHMNQMV	421	>JAK2-M535IPTHMNQIVF	994	573
>JAK2-M535IPTHMNQMV	465	>JAK2-M535IPTHMNQIVF	594	129
>JAK2-M535IPTHMNQMV	1058	>JAK2-M535IPTHMNQIV	446	612
>JAK2-M535IPTHMNQM	17	>JAK2-M535IPTHMNQI	42	25
>JAK2-M535IPTHMNQM	54	>JAK2-M535IPTHMNQIV	40	14

>JAK2-M535IRPTHMNQM	30	>JAK2-M535IRPTHMNQIV	45	15
>JAK2-M535IRPTHMNQM	74	>JAK2-M535IRPTHMNQIV	119	45
>JAK2-M535IRPTHMNQM	193	>JAK2-M535IRPTHMNQI	6772	6579
>JAK2-M535IRPTHMNQM	111	>JAK2-M535IRPTHMNQIV	120	9
>JAK2-M535IRPTHMNQM	261	>JAK2-M535IRPTHMNQIV	383	122
>JAK2-M535IRPTHMNQM	209	>JAK2-M535IRPTHMNQI	1466	1257
>JAK2-M535IRPTHMNQM	580	>JAK2-M535IRPTHMNQIV	371	209
>JAK2-M535IRPTHMNQM	115	>JAK2-M535IRPTHMNQIV	83	32
>JAK2-M535IRPTHMNQM	198	>JAK2-M535IRPTHMNQIV	217	19
>JAK2-M535IQRPTHMNQI	94	>JAK2-M535IQRPTHMNQI	155	61
>JAK2-M535IQRPTHMNQI	389	>JAK2-M535IQRPTHMNQI	283	106
>JAK2-M535IQRPTHMNC	289	>JAK2-M535IQRPTHMNC	407	118
>JAK2-M535IQRPTHMNC	415	>JAK2-M535IQRPTHMNC	674	259
>JAK2-M535IQRPTHMNC	419	>JAK2-M535IQRPTHMNC	783	364
>JAK2-M535IQRPTHMNC	127	>JAK2-M535IQRPTHMNC	51	76
>JAK2-M535IQRPTHMNC	80	>JAK2-M535IQRPTHMNC	63	17
>JAK2-M535IQRPTHMNC	45	>JAK2-M535IQRPTHMNC	228	183
>JAK2-M535IQRPTHMNC	198	>JAK2-M535IQRPTHMNC	248	50
>JAK2-M535IQRPTHMNC	11	>JAK2-M535IQRPTHMNC	31	20
>JAK2-M535IQRPTHMNC	15	>JAK2-M535IQRPTHMNC	13	2
>JAK2-N110ENNVNQRPSF	1201	>JAK2-N110ENNVNQRPSFF	437	764
>JAK2-N110ENNVNQRPSF	525	>JAK2-N110ENNVNQRPSF	167	358
>JAK2-N110ENNVNQRPS	1478	>JAK2-N110ENNVNQRPS	56	1422
>JAK2-N110ENNVNQRPS	2301	>JAK2-N110ENNVNQRPS	130	2171
>JAK2-N110ENNVNQRPS	293	>JAK2-N110ENNVNQRPS	29	264
>JAK2-N110ENNVNQRPS	949	>JAK2-N110ENNVNQRPS	176	773
>JAK2-N110ENNVNQRPS	22495	>JAK2-N110ENNVNQRPS	211	22284
>JAK2-N110EWNNNVNQR	397	>JAK2-N110EWNNNVNQR	223	174
>JAK2-N110EWNNNVNQR	75	>JAK2-N110EWNNNVNQRI	80	5
>JAK2-N110EWNNNVNQR	481	>JAK2-N110EWNNNVNQRI	274	207
>JAK2-N110ECWNNNVNQ	474	>JAK2-N110ECWNNNVNQI	345	129
>JAK2-N110ECWNNNVNQ	39	>JAK2-N110ECWNNNVNQI	29	10
>JAK2-N110ECWNNNVNC	100	>JAK2-N110ECWNNNVNC	137	37
>JAK2-N110TECWNSNV	93	>JAK2-N110TECWNSNV	228	135
>JAK2-N110TECWNSNV	278	>JAK2-N110TECWNSVN	310	32
>JAK2-N110TECWNSNV	330	>JAK2-N110TECWNSNV	320	10
>JAK2-N110TECWNSNV	441	>JAK2-N110TECWNSNV	477	36
>JAK2-N110MTECWNSN	870	>JAK2-N110MTECWNSN	329	541
>JAK2-N110MTECWNSN	343	>JAK2-N110MTECWNSN	136	207
>JAK2-N110MTECWNSN	941	>JAK2-N110MTECWNSN	345	596
>JAK2-N110MTECWNSN	7	>JAK2-N110MTECWNSN	8	1
>JAK2-N110MTECWNSN	8	>JAK2-N110MTECWNSN	9	1
>JAK2-N110MTECWNSN	276	>JAK2-N110MTECWNSN	19	257

>JAK2-N110EIMTECWNNN	80	>JAK2-N110EIMTECWNSN	62	18
>JAK2-N110EIMTECWNNN	41	>JAK2-N110EIMTECWNSN	26	15
>JAK2-N110EIMTECWNNN	81	>JAK2-N110EIMTECWNSN	34	47
>JAK2-N110EIMTECWNNN	189	>JAK2-N110EIMTECWNSN	141	48
>JAK2-N110EIMTECWNNN	4	>JAK2-N110EIMTECWNSN	3	1
>JAK2-N110EIMTECWNNN	6	>JAK2-N110EIMTECWNSN	6	0
>JAK2-N110EIMTECWNNN	8	>JAK2-N110EIMTECWNSN	7	1
>JAK2-N110EIMTECWNNN	7	>JAK2-N110EIMTECWNSN	5	2
>JAK2-N110EIMTECWNN	3222	>JAK2-N110EIMTECWNS	399	2823
>JAK2-N110EIMTECWNNN	2	>JAK2-N110EIMTECWNSN	2	0
>JAK2-N110EIMTECWNNN	508	>JAK2-N110EIMTECWNSN	279	229
>JAK2-N110EMIMTECWNI	14	>JAK2-N110EMIMTECWNS	14	0
>JAK2-N110EMIMTECWNI	2263	>JAK2-N110EMIMTECWNS	289	1974
>JAK2-N110EMIMTECWNI	6	>JAK2-N110EMIMTECWNS	7	1
>JAK2-N110EMIMTECWNI	7	>JAK2-N110EMIMTECWNS	5	2
>JAK2-N110EMIMTECWNI	13	>JAK2-N110EMIMTECWNS	14	1
>JAK2-N110EMIMTECWNI	34	>JAK2-N110EMIMTECWNS	22	12
>JAK2-N110EMIMTECWNI	34	>JAK2-N110EMIMTECWNS	32	2
>JAK2-N110EMIMTECWNI	141	>JAK2-N110EMIMTECWNS	109	32
>JAK2-N110EMIMTECWNI	10	>JAK2-N110EMIMTECWNS	7	3
>JAK2-N110EMIMTECWNI	7	>JAK2-N110EMIMTECWNS	4	3
>JAK2-N110EMIMTECWNI	10	>JAK2-N110EMIMTECWNS	11	1
>JAK2-N110EMIMTECWNI	17	>JAK2-N110EMIMTECWNS	18	1
>JAK2-N110EYMIMTECWNI	1997	>JAK2-N110EYMIMTECWNI	212	1785
>JAK2-N110EYMIMTECWNI	1394	>JAK2-N110EYMIMTECWNI	105	1289
>JAK2-N110EYMIMTECWNI	584	>JAK2-N110EYMIMTECWNI	118	466
>JAK2-N110EYMIMTECWNI	3151	>JAK2-N110EYMIMTECWNI	413	2738
>JAK2-N110EYMIMTECWNI	671	>JAK2-N110EYMIMTECWNI	58	613
>JAK2-N533YNQMVFHKI	1970	>JAK2-N533YNQMVFHKI	58	1912
>JAK2-N533YNQMVFHKI	548	>JAK2-N533YNQMVFHKI	47	501
>JAK2-N533YNQMVFHKI	1170	>JAK2-N533YNQMVFHKI	80	1090
>JAK2-N533YNQMVFHKI	53	>JAK2-N533YNQMVFHKI	8	45
>JAK2-N533YNQMVFHKI	5025	>JAK2-N533YNQMVFHKI	115	4910
>JAK2-N533YNQMVFHKI	2884	>JAK2-N533YNQMVFHKI	154	2730
>JAK2-N533YNQMVFHKI	4645	>JAK2-N533YNQMVFHKI	473	4172
>JAK2-N533YNQMVFHKIR	99	>JAK2-N533YNQMVFHKIR	38	61
>JAK2-N533YNQMVFHKI	302	>JAK2-N533YNQMVFHKI	20	282
>JAK2-N533YNQMVFHKIR	364	>JAK2-N533YNQMVFHKIR	19	345
>JAK2-N533YNQMVFHKI	2530	>JAK2-N533YNQMVFHKI	264	2266
>JAK2-N533YNQMVFHKI	612	>JAK2-N533YNQMVFHKI	173	439
>JAK2-N533YNQMVFHKI	5654	>JAK2-N533YNQMVFHKI	363	5291
>JAK2-N533YNQMVFHKIR	128	>JAK2-N533YNQMVFHKIR	116	12
>JAK2-N533YMNQMVFHKI	24529	>JAK2-N533YMYQMVFHKI	34	24495



>JAK2-N533YMNQMVFHK	328	>JAK2-N533YMYQMVFHKI	431	103
>JAK2-N533YMNQMVFHK	178	>JAK2-N533YMYQMVFHK	80	98
>JAK2-N533YMNQMVFHK	8585	>JAK2-N533YMYQMVFHK	44	8541
>JAK2-N533YMNQMVFHK	506	>JAK2-N533YMYQMVFHKI	9	497
>JAK2-N533YMNQMVFHK	7200	>JAK2-N533YMYQMVFHKI	31	7169
>JAK2-N533YMNQMVFHK	24799	>JAK2-N533YMYQMVFHK	150	24649
>JAK2-N533YMNQMVFHK	9014	>JAK2-N533YMYQMVFHKI	4	9010
>JAK2-N533YMNQMVFHK	1786	>JAK2-N533YMYQMVFHK	40	1746
>JAK2-N533YMNQMVFHK	328	>JAK2-N533YMYQMVFHK	14	314
>JAK2-N533YMNQMVFHK	280	>JAK2-N533YMYQMVFHKI	21	259
>JAK2-N533YMNQMVFHK	6085	>JAK2-N533YMYQMVFHK	47	6038
>JAK2-N533YMNQMVFHK	170	>JAK2-N533YMYQMVFHKI	22	148
>JAK2-N533YMNQMVFHK	170	>JAK2-N533YMYQMVFHK	178	8
>JAK2-N533YMNQMVFHK	6196	>JAK2-N533YMYQMVFHK	106	6090
>JAK2-N533YMNQMVFHK	404	>JAK2-N533YMYQMVFHKI	36	368
>JAK2-N533YMNQMVFHK	9917	>JAK2-N533YMYQMVFHKI	262	9655
>JAK2-N533YMNQMVFHK	20267	>JAK2-N533YMYQMVFHKI	153	20114
>JAK2-N533YMNQMVFHK	484	>JAK2-N533YMYQMVFHKI	2925	2441
>JAK2-N533YSPTLQRPTHM	12486	>JAK2-N533YSPTLQRPTHM	56	12430
>JAK2-N533YSPTLQRPTHM	23740	>JAK2-N533YSPTLQRPTHM	314	23426
>JAK2-N533YSPTLQRPTHM	22512	>JAK2-N533YSPTLQRPTHM	48	22464
>JAK2-N533YHMNQMVFH	1992	>JAK2-N533YHMYQMVFH	315	1677
>JAK2-N533YHMNQMVFH	1720	>JAK2-N533YHMYQMVFH	182	1538
>JAK2-N533YHMNQMVFH	481	>JAK2-N533YHMYQMVFH	77	404
>JAK2-N533YHMNQMVFH	244	>JAK2-N533YHMYQMVFH	44	200
>JAK2-N533YHMNQMVFH	3273	>JAK2-N533YHMYQMVFH	468	2805
>JAK2-N533YHMNQMVFH	12	>JAK2-N533YHMYQMVFH	3	9
>JAK2-N533YHMNQMVFH	34	>JAK2-N533YHMYQMVFH	13	21
>JAK2-N533YHMNQMVFH	39	>JAK2-N533YHMYQMVFH	10	29
>JAK2-N533YHMNQMVFH	49	>JAK2-N533YHMYQMVFH	58	9
>JAK2-N533YHMNQMVFH	1963	>JAK2-N533YHMYQMVFH	295	1668
>JAK2-N533YHMNQMVFH	9	>JAK2-N533YHMYQMVFH	4	5
>JAK2-N533YHMNQMVFH	322	>JAK2-N533YHMYQMVFH	66	256
>JAK2-N533YHMNQMVFH	35	>JAK2-N533YHMYQMVFH	24	11
>JAK2-N533YHMNQMVFH	1516	>JAK2-N533YHMYQMVFH	222	1294
>JAK2-N533YHMNQMVFH	26	>JAK2-N533YHMYQMVFH	14	12
>JAK2-N533YHMNQMVFH	105	>JAK2-N533YHMYQMVFH	88	17
>JAK2-N533YHMNQMVFH	284	>JAK2-N533YHMYQMVFH	255	29
>JAK2-N533YHMNQMVFH	17	>JAK2-N533YHMYQMVFH	19	2
>JAK2-N533YHMNQMVFH	13	>JAK2-N533YHMYQMVFH	14	1
>JAK2-N533YHMNQMVFH	133	>JAK2-N533YHMYQMVFH	38	95
>JAK2-N533YHMNQMVFH	292	>JAK2-N533YHMYQMVFH	129	163
>JAK2-N533YHMNQMVFH	174	>JAK2-N533YHMYQMVFH	97	77

>JAK2-N533YHMNQMVFH	82	>JAK2-N533YHMYQMVFH	18	64
>JAK2-N533YHMNQMVFH	152	>JAK2-N533YHMYQMVFH	46	106
>JAK2-N533YHMNQMVFH	812	>JAK2-N533YHMYQMVFH	172	640
>JAK2-N533YHMNQMVFH	441	>JAK2-N533YHMYQMVFH	70	371
>JAK2-N533YHMNQMVFH	1611	>JAK2-N533YHMYQMVFH	261	1350
>JAK2-N533YHMNQMVFH	1859	>JAK2-N533YHMYQMVFH	345	1514
>JAK2-N533YHMNQMVFH	474	>JAK2-N533YHMYQMVFH	333	141
>JAK2-N533YHMNQMVFH	129	>JAK2-N533YHMYQMVFH	45	84
>JAK2-N533YHMNQMVFH	34	>JAK2-N533YHMYQMVFH	18	16
>JAK2-N533YTHMNQMV	318	>JAK2-N533YTHMYQMV	190	128
>JAK2-N533YTHMNQMV	197	>JAK2-N533YTHMYQMV	410	213
>JAK2-N533YTHMNQMV	20	>JAK2-N533YTHMYQMV	20	0
>JAK2-N533YTHMNQMV	60	>JAK2-N533YTHMYQMV	66	6
>JAK2-N533YTHMNQMV	215	>JAK2-N533YTHMYQMV	279	64
>JAK2-N533YTHMNQMV	457	>JAK2-N533YTHMYQMV	510	53
>JAK2-N533YPTHMNQMV	396	>JAK2-N533YPTHMYQMV	220	176
>JAK2-N533YPTHMNQMV	20	>JAK2-N533YPTHMYQMV	20	0
>JAK2-N533YPTHMNQMV	421	>JAK2-N533YPTHMYQMV	167	254
>JAK2-N533YPTHMNQMV	465	>JAK2-N533YPTHMYQMV	279	186
>JAK2-N533YRPTHMNQM	1053	>JAK2-N533YRPTHMYQM	327	726
>JAK2-N533YRPTHMNQM	17	>JAK2-N533YRPTHMYQM	19	2
>JAK2-N533YRPTHMNQM	54	>JAK2-N533YRPTHMYQM	72	18
>JAK2-N533YRPTHMNQM	30	>JAK2-N533YRPTHMYQM	27	3
>JAK2-N533YRPTHMNQM	74	>JAK2-N533YRPTHMYQM	49	25
>JAK2-N533YRPTHMNQM	193	>JAK2-N533YRPTHMYQM	93	100
>JAK2-N533YRPTHMNQM	111	>JAK2-N533YRPTHMYQM	74	37
>JAK2-N533YRPTHMNQM	261	>JAK2-N533YRPTHMYQM	241	20
>JAK2-N533YRPTHMNQM	209	>JAK2-N533YRPTHMYQM	4992	4783
>JAK2-N533YRPTHMNQM	115	>JAK2-N533YRPTHMYQM	55	60
>JAK2-N533YRPTHMNQM	198	>JAK2-N533YRPTHMYQM	82	116
>JAK2-N533YQRPTHMNQI	94	>JAK2-N533YQRPTHMYQI	88	6
>JAK2-N533YQRPTHMNQI	389	>JAK2-N533YQRPTHMYQI	322	67
>JAK2-N533YLQRPTHMNC	289	>JAK2-N533YLQRPTHMYQ	124	165
>JAK2-N533YLQRPTHMNC	415	>JAK2-N533YLQRPTHMYQ	183	232
>JAK2-N533YLQRPTHMNC	419	>JAK2-N533YLQRPTHMYQ	235	184
>JAK2-N533YLQRPTHMN	23424	>JAK2-N533YLQRPTHMY	180	23244
>JAK2-N533YLQRPTHMN	3168	>JAK2-N533YLQRPTHMY	429	2739
>JAK2-N533YLQRPTHMNC	45	>JAK2-N533YLQRPTHMYQ	16	29
>JAK2-N533YLQRPTHMNC	127	>JAK2-N533YLQRPTHMYQ	156	29
>JAK2-N533YLQRPTHMNC	80	>JAK2-N533YLQRPTHMYQ	50	30
>JAK2-N533YLQRPTHMN	22540	>JAK2-N533YLQRPTHMY	109	22431
>JAK2-N533YLQRPTHMN	4298	>JAK2-N533YLQRPTHMY	34	4264
>JAK2-N533YLQRPTHMNC	794	>JAK2-N533YLQRPTHMYQ	309	485

>JAK2-N533YLQRPTHMNC	45	>JAK2-N533YLQRPTHMYQ	44	1
>JAK2-N533YLQRPTHMNC	198	>JAK2-N533YLQRPTHMYQ	194	4
>JAK2-N533YLQRPTHMN	15921	>JAK2-N533YLQRPTHMY	74	15847
>JAK2-N533YLQRPTHMN	1748	>JAK2-N533YLQRPTHMY	4	1744
>JAK2-N533YLQRPTHMNC	75	>JAK2-N533YLQRPTHMYQ	79	4
>JAK2-N533YLQRPTHMNC	11	>JAK2-N533YLQRPTHMYQ	9	2
>JAK2-N533YLQRPTHMNC	15	>JAK2-N533YLQRPTHMYQ	12	3
>JAK2-N533YLQRPTHMN	22832	>JAK2-N533YLQRPTHMY	350	22482
>JAK2-N533YTLQRPTHMN	1477	>JAK2-N533YTLQRPTHMYI	421	1056
>JAK2-N533YTLQRPTHMN	481	>JAK2-N533YTLQRPTHMYI	188	293
>JAK2-N533YTLQRPTHMN	386	>JAK2-N533YTLQRPTHMYI	193	193
>JAK2-N533YTLQRPTHMN	16906	>JAK2-N533YTLQRPTHMY	401	16505
>JAK2-N533YTLQRPTHMN	447	>JAK2-N533YTLQRPTHMYI	462	15
>JAK2-N533YTLQRPTHMN	18652	>JAK2-N533YTLQRPTHMY	68	18584
>JAK2-N533YTLQRPTHMN	15054	>JAK2-N533YTLQRPTHMY	86	14968
>JAK2-N533YTLQRPTHMN	23484	>JAK2-N533YTLQRPTHMY	34	23450
>JAK2-N533YTLQRPTHMN	21753	>JAK2-N533YTLQRPTHMY	308	21445
>JAK2-N533YTLQRPTHMN	9692	>JAK2-N533YTLQRPTHMY	28	9664
>JAK2-N533YPTLQRPTHMI	24774	>JAK2-N533YPTLQRPTHMI	223	24551
>JAK2-N533YPTLQRPTHMI	23859	>JAK2-N533YPTLQRPTHMI	49	23810
>JAK2-N533YPTLQRPTHMI	29772	>JAK2-N533YPTLQRPTHMI	499	29273
>JAK2-N533YPTLQRPTHMI	23349	>JAK2-N533YPTLQRPTHMI	171	23178
>JAK2-P503L KPKDKSNLLVF	333	>JAK2-P503L KDKDKSNLLVF	20	313
>JAK2-P503L KPKDKSNLL	23830	>JAK2-P503L KDKDKSNLL	487	23343
>JAK2-P503L KPKDKSNLLV	22213	>JAK2-P503L KDKDKSNLLV	228	21985
>JAK2-P503L KPKDKSNL	27683	>JAK2-P503L KDKDKSNL	49	27634
>JAK2-P503L KPKDKSNLL	18973	>JAK2-P503L KDKDKSNLL	8	18965
>JAK2-P503L KPKDKSNLLV	14918	>JAK2-P503L KDKDKSNLLV	37	14881
>JAK2-P503L KPKDKSNL	18605	>JAK2-P503L KDKDKSNL	23	18582
>JAK2-P503L KPKDKSNLL	16631	>JAK2-P503L KDKDKSNLL	11	16620
>JAK2-P503L KPKDKSNLLV	11863	>JAK2-P503L KDKDKSNLLV	31	11832
>JAK2-P503L KPKDKSNLLV	21619	>JAK2-P503L KDKDKSNLLV	45	21574
>JAK2-P503L KPKDKSNL	24022	>JAK2-P503L KDKDKSNL	213	23809
>JAK2-P503L KPKDKSNLL	23855	>JAK2-P503L KDKDKSNLL	81	23774
>JAK2-P503L KPKDKSNLLV	21945	>JAK2-P503L KDKDKSNLLV	28	21917
>JAK2-P503L KPKDKSNLLV	23996	>JAK2-P503L KDKDKSNLLV	72	23924
>JAK2-P503L KPKDKSNL	28652	>JAK2-P503L KDKDKSNL	11	28641
>JAK2-P503L KPKDKSNLL	28857	>JAK2-P503L KDKDKSNLL	12	28845
>JAK2-P503L KPKDKSNLLV	18339	>JAK2-P503L KDKDKSNLLV	4	18335
>JAK2-P503L KPKDKSNL	13007	>JAK2-P503L KDKDKSNL	248	12759
>JAK2-P503L KPKDKSNLL	9432	>JAK2-P503L KDKDKSNLL	37	9395
>JAK2-P503L KPKDKSNLLV	5991	>JAK2-P503L KDKDKSNLLV	17	5974
>JAK2-P503L KPKDKSNLLV	16892	>JAK2-P503L KDKDKSNLLV	345	16547

>JAK2-P503L KPKDKSNL	55	>JAK2-P503L KLKDKSNL	12059	12004
>JAK2-P503L KPKDKSNLL	102	>JAK2-P503L KLKDKSNLL	14644	14542
>JAK2-P503L KPKDKSNLLV	162	>JAK2-P503L KLKDKSNLLV	26927	26765
>JAK2-P503L KPKDKSNLLV	99	>JAK2-P503L KLKDKSNLLV	15426	15327
>JAK2-P503L KPKDKSNLLV	4692	>JAK2-P503L KLKDKSNLLV	47	4645
>JAK2-P503L KPKDKSNLLV	450	>JAK2-P503L KLKDKSNLLV	50	400
>JAK2-P503L KPKDKSNLLV	5824	>JAK2-P503L KLKDKSNLLV	256	5568
>JAK2-P503L FQFTKCCPPK	14722	>JAK2-P503L FQFTKCCPPK	25	14697
>JAK2-P503L FQFTKCCPPK	8094	>JAK2-P503L FQFTKCCPPK	47	8047
>JAK2-P503L FQFTKCCPPK	10373	>JAK2-P503L FQFTKCCPPK	118	10255
>JAK2-P503L FQFTKCCPPK	1789	>JAK2-P503L FQFTKCCPPK	16	1773
>JAK2-P503L FQFTKCCPPK	16068	>JAK2-P503L FQFTKCCPPK	161	15907
>JAK2-P503L FQFTKCCPPK	14619	>JAK2-P503L FQFTKCCPPK	438	14181
>JAK2-P503L FQFTKCCPPK	16136	>JAK2-P503L FQFTKCCPPK	416	15720
>JAK2-P503L FQFTKCCPPK	446	>JAK2-P503L FQFTKCCPPK	13	433
>JAK2-P503L FQFTKCCPPK	20561	>JAK2-P503L FQFTKCCPPK	125	20436
>JAK2-P503L PKPKDKSNL	3767	>JAK2-P503L PKLKDKSNL	497	3270
>JAK2-P503L CPPKPKDKSN	399	>JAK2-P503L CPPKPKDKSN	436	37
>JAK2-P503L CPPKPKDKSN	528	>JAK2-P503L CPPKPKDKSN	333	195
>JAK2-P503L KCCPPKPK	131	>JAK2-P503L KCCPPKPK	314	183
>JAK2-P503L FTKCCPPKP	16179	>JAK2-P503L FTKCCPPKL	407	15772
>JAK2-P503L FTKCCPPKPK	395	>JAK2-P503L FTKCCPPKPK	312	83
>JAK2-P503L FTKCCPPKPK	340	>JAK2-P503L FTKCCPPKPK	237	103
>JAK2-P503L FTKCCPPKPK	71	>JAK2-P503L FTKCCPPKPK	157	86
>JAK2-P503L FTKCCPPKPK	156	>JAK2-P503L FTKCCPPKPK	65	91
>JAK2-P503L FTKCCPPKP	20719	>JAK2-P503L FTKCCPPKL	54	20665
>JAK2-P503L FTKCCPPKP	11029	>JAK2-P503L FTKCCPPKL	160	10869
>JAK2-P503L QFTKCCPPPK	347	>JAK2-P503L QFTKCCPPKL	506	159
>JAK2-R1122 LRVDQIRDNN	28587	>JAK2-R1122 LPVDQIRDNN	148	28439
>JAK2-R1122 LRVDQIRDNN	37750	>JAK2-R1122 LPVDQIRDNN	234	37516
>JAK2-R1122 LRVDQIRDNN	19621	>JAK2-R1122 LPVDQIRDNN	277	19344
>JAK2-R1122 LRVDQIRDNN	18038	>JAK2-R1122 LPVDQIRDNN	16	18022
>JAK2-R1122 ALRVDQIR	315	>JAK2-R1122 ALPVDQIR	4108	3793
>JAK2-R1122 LALRVDQI	1281	>JAK2-R1122 LALPVDQI	466	815
>JAK2-R1122 LALRVDQIR	278	>JAK2-R1122 LALPVDQIR	313	35
>JAK2-R1122 LALRVDQIR	411	>JAK2-R1122 LALPVDQIR	349	62
>JAK2-R1122 LALRVDQI	177	>JAK2-R1122 LALPVDQI	108	69
>JAK2-R1122 LALRVDQI	90	>JAK2-R1122 LALPVDQI	33	57
>JAK2-R1122 DLALRVDQI	574	>JAK2-R1122 DLALPVDQI	231	343
>JAK2-R1122 DLALRVDQIR	336	>JAK2-R1122 DLALPVDQIR	1180	844
>JAK2-R1122 DLALRVDQIR	240	>JAK2-R1122 DLALPVDQIR	100	140
>JAK2-R1122 DLALRVDQI	3347	>JAK2-R1122 DLALPVDQI	486	2861
>JAK2-R1122 RDLALRVDQI	470	>JAK2-R1122 RDLALPVDQI	2093	1623

>JAK2-R1122 RDLALRVDQI	1041	>JAK2-R1122 RDLALPVDQI	259	782
>JAK2-R1122 RDLALRVDQI	284	>JAK2-R1122 RDLALPVDQI	211	73
>JAK2-R1122 RDLALRVDQI	77	>JAK2-R1122 RDLALPVDQI	57	20
>JAK2-R1122 FRDLALRVDC	307	>JAK2-R1122 FRDLALPVDC	954	647
>JAK2-R1122 FRDLALRV	4130	>JAK2-R1122 FRDLALPV	444	3686
>JAK2-R1122 FRDLALRV	1551	>JAK2-R1122 FRDLALPV	149	1402
>JAK2-R1122 SFRDLALRV	469	>JAK2-R1122 SFRDLALPV	890	421
>JAK2-R1122 SFRDLALR	244	>JAK2-R1122 SFRDLALP	1975	1731
>JAK2-R1122 SFRDLALRV	164	>JAK2-R1122 SFRDLALPV	23	141
>JAK2-R1122 SFRDLALR	18	>JAK2-R1122 SFRDLALP	17585	17567
>JAK2-R1122 SFRDLALR	54	>JAK2-R1122 SFRDLALP	27342	27288
>JAK2-R1122 SFRDLALR	94	>JAK2-R1122 SFRDLALP	30580	30486
>JAK2-R1122 PSFRDLALR	293	>JAK2-R1122 PSFRDLALP	22885	22592
>JAK2-R1122 PSFRDLALR	392	>JAK2-R1122 PSFRDLALP	36924	36532
>JAK2-R1122 RPSFRDLALR	60	>JAK2-R1122 RPSFRDLALP	20907	20847
>JAK2-R1122 RPSFRDLALR	350	>JAK2-R1122 RPSFRDLALP	35699	35349
>JAK2-R1122 RPSFRDLALR'	64	>JAK2-R1122 RPSFRDLALP'	12	52
>JAK2-R1122 RPSFRDLALR	370	>JAK2-R1122 RPSFRDLALP	32402	32032
>JAK2-R564L RREVG DYGQ	39	>JAK2-R564L LREVG DYGQI	1134	1095
>JAK2-R564L RREVG DYGQ	74	>JAK2-R564L LREVG DYGQI	5757	5683
>JAK2-R564L RREVG DYGQ	210	>JAK2-R564L LREVG DYGQI	10082	9872
>JAK2-R564L RREVG DYGQ	59	>JAK2-R564L LREVG DYGQI	1548	1489
>JAK2-R564L RREVG DYGQ	307	>JAK2-R564L LREVG DYGQI	6076	5769
>JAK2-R564L VRREVG DYGC	24152	>JAK2-R564L VLREVG DYGC	293	23859
>JAK2-R564L VRREVG DYGC	20777	>JAK2-R564L VLREVG DYGC	60	20717
>JAK2-R564L VRREVG DYGC	18718	>JAK2-R564L VLREVG DYGC	19	18699
>JAK2-R564L VRREVG DYGC	23791	>JAK2-R564L VLREVG DYGC	216	23575
>JAK2-R564L VRREVG DYGC	35837	>JAK2-R564L VLREVG DYGC	464	35373
>JAK2-R564L VRREVG DYGC	26239	>JAK2-R564L VLREVG DYGC	9	26230
>JAK2-R564L VRREVG DY	1232	>JAK2-R564L VLREVG DY	166	1066
>JAK2-R564L VRREVG DY	5133	>JAK2-R564L VLREVG DY	208	4925
>JAK2-R564L VRREVG DY	12704	>JAK2-R564L VLREVG DY	171	12533
>JAK2-R564L VRREVG DY	4092	>JAK2-R564L VLREVG DY	106	3986
>JAK2-R564L VRREVG DY	370	>JAK2-R564L VLREVG DY	1232	862
>JAK2-R564L VRREVG DYGC	337	>JAK2-R564L VLREVG DYGC	24856	24519
>JAK2-R564L GTFTKIFKGV I	102	>JAK2-R564L GTFTKIFKGV I	12826	12724
>JAK2-R564L GTFTKIFKGV I	18	>JAK2-R564L GTFTKIFKGV I	4415	4397
>JAK2-R564L GTFTKIFKGV I	34	>JAK2-R564L GTFTKIFKGV I	15958	15924
>JAK2-R564L GTFTKIFKGV I	12926	>JAK2-R564L GTFTKIFKGV I	51	12875
>JAK2-R564L GTFTKIFKGV I	916	>JAK2-R564L GTFTKIFKGV I	31	885
>JAK2-R564L GTFTKIFKGV I	140	>JAK2-R564L GTFTKIFKGV I	2088	1948
>JAK2-R564L GTFTKIFKGV I	34074	>JAK2-R564L GTFTKIFKGV I	268	33806
>JAK2-R564L GVRREVG DY	352	>JAK2-R564L GVLREVG DY	217	135

>JAK2-R564L GVRREVG DY	1023	>JAK2-R564L GVLREVG DY	240	783
>JAK2-R564L KGVRREVG D'	230	>JAK2-R564L KGVLEVG D\	199	31
>JAK2-R564L FKGVRREVG I	206	>JAK2-R564L FKGVLEVG I	181	25
>JAK2-R564L KIFKGVRR EV	2029	>JAK2-R564L KIFKGVLR EV	193	1836
>JAK2-R564L KIFKGVRR EV	487	>JAK2-R564L KIFKGVLR EV	190	297
>JAK2-R564L KIFKGVRR EV	109	>JAK2-R564L KIFKGVLR EV	25	84
>JAK2-R564L KIFKGVRR EV	1263	>JAK2-R564L KIFKGVLR EV	161	1102
>JAK2-R564L KIFKGVRR EV	13	>JAK2-R564L KIFKGVLR EV	4	9
>JAK2-R564L KIFKGVRR EV	1310	>JAK2-R564L KIFKGVLR EV	174	1136
>JAK2-R564L KIFKGVRR EV	57	>JAK2-R564L KIFKGVLR EV	15	42
>JAK2-R564L KIFKGVRR EV	23	>JAK2-R564L KIFKGVLR EV	10	13
>JAK2-R564L KIFKGVRR	109	>JAK2-R564L KIFKGVLR	62	47
>JAK2-R564L KIFKGVRR	342	>JAK2-R564L KIFKGVLR	67	275
>JAK2-R564L KIFKGVRR EV	282	>JAK2-R564L KIFKGVLR EV	365	83
>JAK2-R564L KIFKGVRR	13	>JAK2-R564L KIFKGVLR	11	2
>JAK2-R564L KIFKGVRR EV	267	>JAK2-R564L KIFKGVLR EV	174	93
>JAK2-R564L KIFKGVRR	525	>JAK2-R564L KIFKGVLR	176	349
>JAK2-R564L KIFKGVRR	21	>JAK2-R564L KIFKGVLR	18	3
>JAK2-R564L TKIFKGVRR	1011	>JAK2-R564L TKIFKGVLR	331	680
>JAK2-R564L FTKIFKGV R	67	>JAK2-R564L FTKIFKGV L	12215	12148
>JAK2-R564L FTKIFKGVRR	20	>JAK2-R564L FTKIFKGVLR	19	1
>JAK2-R564L FTKIFKGV R	209	>JAK2-R564L FTKIFKGV L	18525	18316
>JAK2-R564L FTKIFKGVRR	119	>JAK2-R564L FTKIFKGVLR	52	67
>JAK2-R564L FTKIFKGV R	29	>JAK2-R564L FTKIFKGV L	18585	18556
>JAK2-R564L FTKIFKGVRR	13	>JAK2-R564L FTKIFKGVLR	6	7
>JAK2-R564L FTKIFKGV R	21078	>JAK2-R564L FTKIFKGV L	169	20909
>JAK2-R564L FTKIFKGV R	2259	>JAK2-R564L FTKIFKGV L	62	2197
>JAK2-R564L FTKIFKGV R	35904	>JAK2-R564L FTKIFKGV L	367	35537
>JAK2-R564L TFTKIFKGV R	10904	>JAK2-R564L TFTKIFKGV L	297	10607
>JAK2-R564L TFTKIFKGV R	53	>JAK2-R564L TFTKIFKGV L	11756	11703
>JAK2-R564L TFTKIFKGVRF	36	>JAK2-R564L TFTKIFKGVLR	24	12
>JAK2-R564L TFTKIFKGVRF	128	>JAK2-R564L TFTKIFKGVLR	55	73
>JAK2-R564L TFTKIFKGVRF	131	>JAK2-R564L TFTKIFKGVLR	53	78
>JAK2-R564L TFTKIFKGV R	49	>JAK2-R564L TFTKIFKGV L	24110	24061
>JAK2-R564L TFTKIFKGVRF	47	>JAK2-R564L TFTKIFKGVLR	42	5
>JAK2-R564C RREVG DYGQ	39	>JAK2-R564C QREVG DYGQ	1043	1004
>JAK2-R564C RREVG DYGQ	74	>JAK2-R564C QREVG DYGQ	2646	2572
>JAK2-R564C RREVG DYGQ	210	>JAK2-R564C QREVG DYGQ	4569	4359
>JAK2-R564C RREVG DYGQ	59	>JAK2-R564C QREVG DYGQ	1185	1126
>JAK2-R564C RREVG DYGQ	307	>JAK2-R564C QREVG DYGQ	3127	2820
>JAK2-R564C VRREVG DY	1232	>JAK2-R564C VQREVG DY	241	991
>JAK2-R564C VRREVG DY	12704	>JAK2-R564C VQREVG DY	73	12631
>JAK2-R564C VRREVG DY	4092	>JAK2-R564C VQREVG DY	157	3935

>JAK2-R564C VRREVG DY	370	>JAK2-R564C VQREVG DY	54	316
>JAK2-R564C VRREVG DYG	337	>JAK2-R564C VQREVG DYG	8983	8646
>JAK2-R564C GTFTKIFKGV	102	>JAK2-R564C GTFTKIFKGV	13039	12937
>JAK2-R564C GTFTKIFKGV	18	>JAK2-R564C GTFTKIFKGV	5479	5461
>JAK2-R564C GTFTKIFKGV	34	>JAK2-R564C GTFTKIFKGV	3502	3468
>JAK2-R564C GTFTKIFKGV	916	>JAK2-R564C GTFTKIFKGV	353	563
>JAK2-R564C GTFTKIFKGV	140	>JAK2-R564C GTFTKIFKGV	1363	1223
>JAK2-R564C GVRREVG DY	352	>JAK2-R564C GVQREVG DY	620	268
>JAK2-R564C GVRREVG DY	730	>JAK2-R564C GVQREVG DY	302	428
>JAK2-R564C KGVRREVG D	230	>JAK2-R564C KGVQREVG D	422	192
>JAK2-R564C FKGVRREVG I	206	>JAK2-R564C FKGVQREVG I	166	40
>JAK2-R564C KIFKGVRR EV	487	>JAK2-R564C KIFKGVQRE V	457	30
>JAK2-R564C KIFKGVRR EV	109	>JAK2-R564C KIFKGVQRE V	188	79
>JAK2-R564C KIFKGVRR EV	13	>JAK2-R564C KIFKGVQRE V	5	8
>JAK2-R564C KIFKGVRR EV	1310	>JAK2-R564C KIFKGVQRE V	275	1035
>JAK2-R564C KIFKGVRR EV	57	>JAK2-R564C KIFKGVQRE V	18	39
>JAK2-R564C KIFKGVRR EV	23	>JAK2-R564C KIFKGVQRE V	11	12
>JAK2-R564C KIFKGVRR	109	>JAK2-R564C KIFKGVQR	115	6
>JAK2-R564C KIFKGVRR	342	>JAK2-R564C KIFKGVQR	223	119
>JAK2-R564C KIFKGVRR EV	282	>JAK2-R564C KIFKGVQRE V	453	171
>JAK2-R564C KIFKGVRR	13	>JAK2-R564C KIFKGVQR	12	1
>JAK2-R564C KIFKGVRR EV	267	>JAK2-R564C KIFKGVQRE V	227	40
>JAK2-R564C KIFKGVRR	525	>JAK2-R564C KIFKGVQR	317	208
>JAK2-R564C KIFKGVRR	21	>JAK2-R564C KIFKGVQR	24	3
>JAK2-R564C FTKIFKGV R	67	>JAK2-R564C FTKIFKGVQ	12747	12680
>JAK2-R564C FTKIFKGVRR	20	>JAK2-R564C FTKIFKGVQR	30	10
>JAK2-R564C FTKIFKGV R	209	>JAK2-R564C FTKIFKGVQ	19246	19037
>JAK2-R564C FTKIFKGVRR	119	>JAK2-R564C FTKIFKGVQR	75	44
>JAK2-R564C FTKIFKGV R	29	>JAK2-R564C FTKIFKGVQ	5071	5042
>JAK2-R564C FTKIFKGVRR	13	>JAK2-R564C FTKIFKGVQR	12	1
>JAK2-R564C TFTKIFKGV R	53	>JAK2-R564C TFTKIFKGVQ	16564	16511
>JAK2-R564C TFTKIFKGVRF	36	>JAK2-R564C TFTKIFKGVQI	33	3
>JAK2-R564C TFTKIFKGVRF	128	>JAK2-R564C TFTKIFKGVQI	114	14
>JAK2-R564C TFTKIFKGVRF	131	>JAK2-R564C TFTKIFKGVQI	89	42
>JAK2-R564C TFTKIFKGV R	49	>JAK2-R564C TFTKIFKGVQ	6745	6696
>JAK2-R564C TFTKIFKGVRF	47	>JAK2-R564C TFTKIFKGVQI	62	15
>JAK2-R683C NVCAKNILLIR	454	>JAK2-R683C NVCAKNILLIC	20933	20479
>JAK2-R683C NVCAKNILLIR	212	>JAK2-R683C NVCAKNILLIC	31339	31127
>JAK2-R683C NVCAKNILLIR	53	>JAK2-R683C NVCAKNILLIC	30079	30026
>JAK2-R683C NVCAKNILLIR	259	>JAK2-R683C NVCAKNILLIC	34990	34731
>JAK2-R683C LIREEDRK	399	>JAK2-R683C LIGEE DRK	15797	15398
>JAK2-R683C LLIREEDRKT	1527	>JAK2-R683C LLIGEE DRKT	482	1045
>JAK2-R683C NILLIREEDR	415	>JAK2-R683C NILLIGEE DR	1405	990

>JAK2-R683C NILLIREEDR	126	>JAK2-R683C NILLIGEEDR	180	54
>JAK2-R683C NILLIREEDRK	324	>JAK2-R683C NILLIGEEDRK	590	266
>JAK2-R683C CAKNILLIR	69	>JAK2-R683C CAKNILLIG	19902	19833
>JAK2-R683C CAKNILLIR	205	>JAK2-R683C CAKNILLIG	34927	34722
>JAK2-R683C VCAKNILLIR	179	>JAK2-R683C VCAKNILLIG	34807	34628
>JAK2-R683K NVCAKNILLIR	1183	>JAK2-R683K NVCAKNILLIK	82	1101
>JAK2-R683K NVCAKNILLIR	454	>JAK2-R683K NVCAKNILLIK	4967	4513
>JAK2-R683K NVCAKNILLIR	212	>JAK2-R683K NVCAKNILLIK	3769	3557
>JAK2-R683K NVCAKNILLIR	53	>JAK2-R683K NVCAKNILLIK	152	99
>JAK2-R683K NVCAKNILLIR	259	>JAK2-R683K NVCAKNILLIK	8404	8145
>JAK2-R683K LIREEDRK	399	>JAK2-R683K LIKEEDRK	2145	1746
>JAK2-R683K NILLIREEDR	415	>JAK2-R683K NILLIKEEDR	556	141
>JAK2-R683K NILLIREEDR	126	>JAK2-R683K NILLIKEEDR	254	128
>JAK2-R683K NILLIREEDRK	324	>JAK2-R683K NILLIKEEDRK	453	129
>JAK2-R683K KNILLIREEDR	537	>JAK2-R683K KNILLIKEEDR	461	76
>JAK2-R683K CAKNILLIR	6451	>JAK2-R683K CAKNILLIK	311	6140
>JAK2-R683K CAKNILLIR	3371	>JAK2-R683K CAKNILLIK	27	3344
>JAK2-R683K CAKNILLIR	69	>JAK2-R683K CAKNILLIK	1984	1915
>JAK2-R683K CAKNILLIR	205	>JAK2-R683K CAKNILLIK	674	469
>JAK2-R683K VCAKNILLIR	179	>JAK2-R683K VCAKNILLIK	4592	4413
>JAK2-R683S NVCAKNILLIR	454	>JAK2-R683S NVCAKNILLIS	18639	18185
>JAK2-R683S NVCAKNILLIR	212	>JAK2-R683S NVCAKNILLIS	27352	27140
>JAK2-R683S NVCAKNILLIR	53	>JAK2-R683S NVCAKNILLIS	20796	20743
>JAK2-R683S NVCAKNILLIR	259	>JAK2-R683S NVCAKNILLIS	31723	31464
>JAK2-R683S LIREEDRK	399	>JAK2-R683S LISEEDRK	12174	11775
>JAK2-R683S LLIREEDR	708	>JAK2-R683S LLISEEDR	302	406
>JAK2-R683S NILLIREEDR	415	>JAK2-R683S NILLISEEDR	596	181
>JAK2-R683S NILLIREEDR	126	>JAK2-R683S NILLISEEDR	58	68
>JAK2-R683S NILLIREEDRK	324	>JAK2-R683S NILLISEEDRK	340	16
>JAK2-R683S CAKNILLIR	69	>JAK2-R683S CAKNILLIS	17929	17860
>JAK2-R683S CAKNILLIR	205	>JAK2-R683S CAKNILLIS	27979	27774
>JAK2-R683S VCAKNILLIR	179	>JAK2-R683S VCAKNILLIS	31343	31164
>JAK2-R683T NVCAKNILLIR	454	>JAK2-R683T NVCAKNILLIT	19624	19170
>JAK2-R683T NVCAKNILLIR	212	>JAK2-R683T NVCAKNILLIT	26495	26283
>JAK2-R683T NVCAKNILLIR	53	>JAK2-R683T NVCAKNILLIT	23137	23084
>JAK2-R683T NVCAKNILLIR	259	>JAK2-R683T NVCAKNILLIT	32358	32099
>JAK2-R683T LIREEDRK	399	>JAK2-R683T LITEEDRK	13887	13488
>JAK2-R683T LLIREEDR	708	>JAK2-R683T LLITEEDR	444	264
>JAK2-R683T NILLIREEDR	415	>JAK2-R683T NILLITEEDR	810	395
>JAK2-R683T NILLIREEDR	126	>JAK2-R683T NILLITEEDR	99	27
>JAK2-R683T NILLIREEDRK	324	>JAK2-R683T NILLITEEDRK	282	42
>JAK2-R683T KNILLIREEDR	537	>JAK2-R683T KNILLITEEDR	450	87
>JAK2-R683T CAKNILLIR	69	>JAK2-R683T CAKNILLIT	19093	19024



>JAK2-R683T CAKNILLIR	205	>JAK2-R683T CAKNILLIT	30009	29804
>JAK2-R683T VCAKNILLIR	179	>JAK2-R683T VCAKNILLIT	32222	32043
>JAK2-S591L·SESFFEAASM	230	>JAK2-S591L·LESFFEAASM	195	35
>JAK2-S591L·SESFFEAASM	921	>JAK2-S591L·LESFFEAASM	418	503
>JAK2-S591L·SESFFEAASM	465	>JAK2-S591L·LESFFEAASM	101	364
>JAK2-S591L·SESFFEAASM	388	>JAK2-S591L·LESFFEAASM	617	229
>JAK2-S591L·SESFFEAASM	142	>JAK2-S591L·LESFFEAASM	67	75
>JAK2-S591L·SESFFEA	279	>JAK2-S591L·LESFFEA	396	117
>JAK2-S591L·SESFFEAASM	214	>JAK2-S591L·LESFFEAASM	333	119
>JAK2-S591L·SESFFEAASM	447	>JAK2-S591L·LESFFEAASM	599	152
>JAK2-S591L·SESFFEAASM	76	>JAK2-S591L·LESFFEAASM	1213	1137
>JAK2-S591L·SESFFEAASM	107	>JAK2-S591L·LESFFEAASM	1803	1696
>JAK2-S591L·SESFFEA	7	>JAK2-S591L·LESFFEA	27	20
>JAK2-S591L·SESFFEAAS	38	>JAK2-S591L·LESFFEAAS	425	387
>JAK2-S591L·SESFFEAASM	129	>JAK2-S591L·LESFFEAASM	2185	2056
>JAK2-S591L·SESFFEAASM	335	>JAK2-S591L·LESFFEAASM	3651	3316
>JAK2-S591L·SESFFEAASM	118	>JAK2-S591L·LESFFEAASM	103	15
>JAK2-S591L·SESFFEAASM	128	>JAK2-S591L·LESFFEAASM	145	17
>JAK2-S591L·SESFFEAASM	91	>JAK2-S591L·LESFFEAASM	101	10
>JAK2-S591L·SESFFEAASM	397	>JAK2-S591L·LESFFEAASM	351	46
>JAK2-S591L·YSESFFEA	5264	>JAK2-S591L·YLESFFEA	21	5243
>JAK2-S591L·YSESFFEA	13193	>JAK2-S591L·YLESFFEA	60	13133
>JAK2-S591L·YSESFFEAAS	15925	>JAK2-S591L·YLESFFEAAS	180	15745
>JAK2-S591L·YSESFFEA	1558	>JAK2-S591L·YLESFFEA	6	1552
>JAK2-S591L·YSESFFEA	1335	>JAK2-S591L·YLESFFEA	6	1329
>JAK2-S591L·YSESFFEAAS	3644	>JAK2-S591L·YLESFFEAAS	24	3620
>JAK2-S591L·YSESFFEA	10499	>JAK2-S591L·YLESFFEA	37	10462
>JAK2-S591L·YSESFFEA	10860	>JAK2-S591L·YLESFFEA	30	10830
>JAK2-S591L·YSESFFEAAS	16571	>JAK2-S591L·YLESFFEAAS	294	16277
>JAK2-S591L·YSESFFEA	282	>JAK2-S591L·YLESFFEA	24	258
>JAK2-S591L·YSESFFEA	254	>JAK2-S591L·YLESFFEA	21	233
>JAK2-S591L·YSESFFEAAS	2940	>JAK2-S591L·YLESFFEAAS	357	2583
>JAK2-S591L·YSESFFEA	9162	>JAK2-S591L·YLESFFEA	11	9151
>JAK2-S591L·YSESFFEA	8828	>JAK2-S591L·YLESFFEA	14	8814
>JAK2-S591L·YSESFFEAAS	16050	>JAK2-S591L·YLESFFEAAS	60	15990
>JAK2-S591L·YSESFFEA	18153	>JAK2-S591L·YLESFFEA	27	18126
>JAK2-S591L·YSESFFEA	20329	>JAK2-S591L·YLESFFEA	44	20285
>JAK2-S591L·YSESFFEAAS	20528	>JAK2-S591L·YLESFFEAAS	91	20437
>JAK2-S591L·YSESFFEA	19535	>JAK2-S591L·YLESFFEA	61	19474
>JAK2-S591L·YSESFFEA	21220	>JAK2-S591L·YLESFFEA	334	20886
>JAK2-S591L·YSESFFEAAS	22216	>JAK2-S591L·YLESFFEAAS	490	21726
>JAK2-S591L·YSESFFEA	15000	>JAK2-S591L·YLESFFEA	3	14997
>JAK2-S591L·YSESFFEA	22314	>JAK2-S591L·YLESFFEA	7	22307

>JAK2-S591L·YSEFFEAAS	33299	>JAK2-S591L·YLEFFEAAS	427	32872
>JAK2-S591L·YSEFFEAASM	25698	>JAK2-S591L·YLEFFEAASM	12	25686
>JAK2-S591L·YSEFFEAASM	1128	>JAK2-S591L·YLEFFEAASM	379	749
>JAK2-S591L·YSEFFEAASM	9899	>JAK2-S591L·YLEFFEAASM	440	9459
>JAK2-S591L·YSEFFEAASM	324	>JAK2-S591L·YLEFFEAASM	487	163
>JAK2-S591L·YSEFFEAASM	43	>JAK2-S591L·YLEFFEAASM	6117	6074
>JAK2-S591L·YSEFFEAASM	279	>JAK2-S591L·YLEFFEAASM	559	280
>JAK2-S591L·YSEFFEAASM	30	>JAK2-S591L·YLEFFEAASM	659	629
>JAK2-S591L·YSEFFEAASM	9	>JAK2-S591L·YLEFFEAASM	117	108
>JAK2-S591L·YSEFFEAASM	432	>JAK2-S591L·YLEFFEAASM	16386	15954
>JAK2-S591L·KVLDKAHRN\	12929	>JAK2-S591L·KVLDKAHRN\	186	12743
>JAK2-S591L·KVLDKAHRN\	13678	>JAK2-S591L·KVLDKAHRN\	118	13560
>JAK2-S591L·KVLDKAHRN\	1310	>JAK2-S591L·KVLDKAHRN\	49	1261
>JAK2-S591L·KVLDKAHRN\	6722	>JAK2-S591L·KVLDKAHRN\	117	6605
>JAK2-S591L·KVLDKAHRN\	13272	>JAK2-S591L·KVLDKAHRN\	300	12972
>JAK2-S591L·KVLDKAHRN\	15597	>JAK2-S591L·KVLDKAHRN\	115	15482
>JAK2-S591L·KVLDKAHRN\	270	>JAK2-S591L·KVLDKAHRN\	70	200
>JAK2-S591L·KVLDKAHRN\	14940	>JAK2-S591L·KVLDKAHRN\	438	14502
>JAK2-S591L·NYSEFFEA	344	>JAK2-S591L·NYLEFFEA	63	281
>JAK2-S591L·NYSEFFEA	348	>JAK2-S591L·NYLEFFEA	78	270
>JAK2-S591L·NYSEFFEAA	1192	>JAK2-S591L·NYLEFFEAA	323	869
>JAK2-S591L·NYSEFFEA	567	>JAK2-S591L·NYLEFFEA	467	100
>JAK2-S591L·RNYSESFF	460	>JAK2-S591L·RNYLESFF	1483	1023
>JAK2-S591L·RNYSESFF	9	>JAK2-S591L·RNYLESFF	48	39
>JAK2-S591L·RNYSESFF	198	>JAK2-S591L·RNYLESFF	321	123
>JAK2-S591L·HRNYSESF	11	>JAK2-S591L·HRNYLESF	42	31
>JAK2-S591L·HRNYSESFF	11	>JAK2-S591L·HRNYLESFF	53	42
>JAK2-S591L·HRNYSESF	402	>JAK2-S591L·HRNYLESF	136	266
>JAK2-S591L·HRNYSESFF	981	>JAK2-S591L·HRNYLESFF	240	741
>JAK2-S591L·HRNYSESFF	983	>JAK2-S591L·HRNYLESFF	463	520
>JAK2-S591L·HRNYSESFF	691	>JAK2-S591L·HRNYLESFF	162	529
>JAK2-S591L·AHRNYSESF	5	>JAK2-S591L·AHRNYLESF	7	2
>JAK2-S591L·AHRNYSESFF	6	>JAK2-S591L·AHRNYLESFF	10	4
>JAK2-S591L·KAHRNYSESF	743	>JAK2-S591L·KAHRNYLESF	474	269
>JAK2-S591L·KAHRNYSES	47	>JAK2-S591L·KAHRNYLES	20	27
>JAK2-S591L·KAHRNYSESF	484	>JAK2-S591L·KAHRNYLESF	528	44
>JAK2-S591L·KAHRNYSESF	90	>JAK2-S591L·KAHRNYLESF	102	12
>JAK2-S591L·KAHRNYSESF	319	>JAK2-S591L·KAHRNYLESF	293	26
>JAK2-S591L·KAHRNYSESF	126	>JAK2-S591L·KAHRNYLESF	202	76
>JAK2-S591L·KAHRNYSESF	8	>JAK2-S591L·KAHRNYLESF	12	4
>JAK2-S591L·KAHRNYSESF	11	>JAK2-S591L·KAHRNYLESF	19	8
>JAK2-S591L·KAHRNYSESF	22	>JAK2-S591L·KAHRNYLESF	27	5
>JAK2-S591L·KAHRNYSESF	25	>JAK2-S591L·KAHRNYLESF	34	9

>JAK2-S591L·KAHRNYSESF	164	>JAK2-S591L·KAHRNYLESF	147	17
>JAK2-S591L·KAHRNYSESF	130	>JAK2-S591L·KAHRNYLESF	139	9
>JAK2-S591L·KAHRNYSESF	41	>JAK2-S591L·KAHRNYLESF	39	2
>JAK2-S591L·KAHRNYSESF	46	>JAK2-S591L·KAHRNYLESF	38	8
>JAK2-S591L·KAHRNYSESF	135	>JAK2-S591L·KAHRNYLESF	305	170
>JAK2-S591L·DKAHRNYSEF	26	>JAK2-S591L·DKAHRNYLES	48	22
>JAK2-S591L·LDKAHRNYS	10494	>JAK2-S591L·LDKAHRNYL	456	10038
>JAK2-S591L·VLDKAHRNYS	14308	>JAK2-S591L·VLDKAHRNYL	210	14098
>JAK2-S591L·VLDKAHRNYS	2859	>JAK2-S591L·VLDKAHRNYL	29	2830
>JAK2-S591L·VLDKAHRNYS	16178	>JAK2-S591L·VLDKAHRNYL	228	15950
>JAK2-S591L·VLDKAHRNYS	11143	>JAK2-S591L·VLDKAHRNYL	71	11072
>JAK2-S591L·VLDKAHRNYS	7691	>JAK2-S591L·VLDKAHRNYL	26	7665
>JAK2-T514M·RTNGVSDV	6430	>JAK2-T514M·RMNGVSDV	194	6236
>JAK2-T514M·RTNGVSDV	1701	>JAK2-T514M·RMNGVSDV	31	1670
>JAK2-T514M·RTNGVSDV	103	>JAK2-T514M·RMNGVSDV	4	99
>JAK2-T514M·RTNGVSDV	1204	>JAK2-T514M·RMNGVSDV	175	1029
>JAK2-T514M·RTNGVSDV	110	>JAK2-T514M·RMNGVSDV	3	107
>JAK2-T514M·RTNGVSDVP	7476	>JAK2-T514M·RMNGVSDVF	117	7359
>JAK2-T514M·RTNGVSDVP	7570	>JAK2-T514M·RMNGVSDVF	78	7492
>JAK2-T514M·RTNGVSDV	4897	>JAK2-T514M·RMNGVSDV	12	4885
>JAK2-T514M·RTNGVSDV	433	>JAK2-T514M·RMNGVSDV	9	424
>JAK2-T514M·RTNGVSDVP	14938	>JAK2-T514M·RMNGVSDVF	497	14441
>JAK2-T514M·RTNGVSDV	7281	>JAK2-T514M·RMNGVSDV	13	7268
>JAK2-T514M·RTNGVSDV	536	>JAK2-T514M·RMNGVSDV	3	533
>JAK2-T514M·RTNGVSDV	193	>JAK2-T514M·RMNGVSDV	243	50
>JAK2-T514M·RTNGVSDVP	177	>JAK2-T514M·RMNGVSDVF	266	89
>JAK2-T514M·RTNGVSDVP	316	>JAK2-T514M·RMNGVSDVF	418	102
>JAK2-T514M·RTNGVSDV	408	>JAK2-T514M·RMNGVSDV	6498	6090
>JAK2-T514M·RTNGVSDV	369	>JAK2-T514M·RMNGVSDV	12815	12446
>JAK2-T514M·FRTNGVSDV	4553	>JAK2-T514M·FRMNGVSDV	496	4057
>JAK2-T514M·FRTNGVSDV	405	>JAK2-T514M·FRMNGVSDV	299	106
>JAK2-T514M·FRTNGVSDV	300	>JAK2-T514M·FRMNGVSDV	53	247
>JAK2-T514M·FRTNGVSDVF	2545	>JAK2-T514M·FRMNGVSDV	495	2050
>JAK2-T514M·FRTNGVSDV	966	>JAK2-T514M·FRMNGVSDV	219	747
>JAK2-T514M·FRTNGVSDVF	1435	>JAK2-T514M·FRMNGVSDV	314	1121
>JAK2-T514M·FRTNGVSDV	2425	>JAK2-T514M·FRMNGVSDV	124	2301
>JAK2-T514M·LVFRTNGV	482	>JAK2-T514M·LVFRMNGV	362	120
>JAK2-T514M·LVFRTNGV	95	>JAK2-T514M·LVFRMNGV	82	13
>JAK2-T514M·LVFRTNGV	47	>JAK2-T514M·LVFRMNGV	39	8
>JAK2-T514M·LVFRTNGVSD	71	>JAK2-T514M·LVFRMNGVS	58	13
>JAK2-T514M·LVFRTNGV	39	>JAK2-T514M·LVFRMNGV	42	3
>JAK2-T514M·LVFRTNGVSD	409	>JAK2-T514M·LVFRMNGVS	577	168
>JAK2-T514M·LVFRTNGV	26	>JAK2-T514M·LVFRMNGV	57	31

>JAK2-T514N LVFRTNGVSD	90	>JAK2-T514N LVFRMNGVS	180	90
>JAK2-T514N LVFRTNGV	216	>JAK2-T514N LVFRMNGV	509	293
>JAK2-T514N LVFRTNGV	116	>JAK2-T514N LVFRMNGV	254	138
>JAK2-T514N LVFRTNGVSD	240	>JAK2-T514N LVFRMNGVS	399	159
>JAK2-T514N LVFRTNGV	9	>JAK2-T514N LVFRMNGV	9	0
>JAK2-T514N LVFRTNGVSD	14	>JAK2-T514N LVFRMNGVS	12	2
>JAK2-T514N LVFRTNGV	27	>JAK2-T514N LVFRMNGV	16	11
>JAK2-T514N LVFRTNGVSD	241	>JAK2-T514N LVFRMNGVS	144	97
>JAK2-T514N LVFRTNGV	94	>JAK2-T514N LVFRMNGV	171	77
>JAK2-T514N LVFRTNGVSD	270	>JAK2-T514N LVFRMNGVS	272	2
>JAK2-T514N LLVFRTNGV	156	>JAK2-T514N LLVFRMNGV	134	22
>JAK2-T514N LLVFRTNGV	9	>JAK2-T514N LLVFRMNGV	11	2
>JAK2-T514N LLVFRTNGV	5	>JAK2-T514N LLVFRMNGV	5	0
>JAK2-T514N LLVFRTNGV	22	>JAK2-T514N LLVFRMNGV	16	6
>JAK2-T514N LLVFRTNGV	9	>JAK2-T514N LLVFRMNGV	12	3
>JAK2-T514N LLVFRTNGV	8	>JAK2-T514N LLVFRMNGV	16	8
>JAK2-T514N LLVFRTNGV	26	>JAK2-T514N LLVFRMNGV	44	18
>JAK2-T514N LLVFRTNGV	10	>JAK2-T514N LLVFRMNGV	217	207
>JAK2-T514N LLVFRTNGV	3	>JAK2-T514N LLVFRMNGV	3	0
>JAK2-T514N LLVFRTNGV	490	>JAK2-T514N LLVFRMNGV	388	102
>JAK2-T514N NLLVFRTNGV	74	>JAK2-T514N NLLVFRMNG	67	7
>JAK2-T514N NLLVFRTNGV	144	>JAK2-T514N NLLVFRMNG	164	20
>JAK2-T514N NLLVFRTNGV	21	>JAK2-T514N NLLVFRMNG	27	6
>JAK2-T514N NLLVFRTNGV	102	>JAK2-T514N NLLVFRMNG	88	14
>JAK2-T514N NLLVFRTNGV	19	>JAK2-T514N NLLVFRMNG	18	1
>JAK2-T514N NLLVFRTNGV	31	>JAK2-T514N NLLVFRMNG	28	3
>JAK2-T514N NLLVFRTNGV	25	>JAK2-T514N NLLVFRMNG	27	2
>JAK2-T514N NLLVFRTNGV	13	>JAK2-T514N NLLVFRMNG	23	10
>JAK2-T514N NLLVFRTNGV	7	>JAK2-T514N NLLVFRMNG	7	0
>JAK2-T514N NLLVFRTNGV	32	>JAK2-T514N NLLVFRMNG	23	9
>JAK2-T514N KSNLLVFRT	2872	>JAK2-T514N KSNLLVFRM	287	2585
>JAK2-T514N KSNLLVFRT	1343	>JAK2-T514N KSNLLVFRM	6	1337
>JAK2-T514N KSNLLVFRT	10692	>JAK2-T514N KSNLLVFRM	321	10371
>JAK2-T514N KSNLLVFRT	1282	>JAK2-T514N KSNLLVFRM	14	1268
>JAK2-T514N KSNLLVFRT	8788	>JAK2-T514N KSNLLVFRM	99	8689
>JAK2-T875N NTGEVVAV	331	>JAK2-T875N NNGEVVAV	12360	12029
>JAK2-T875N NTGEVVAV	202	>JAK2-T875N NNGEVVAV	9916	9714
>JAK2-T875N NTGEVVAV	30	>JAK2-T875N NNGEVVAV	3557	3527
>JAK2-T875N NTGEVVAV	229	>JAK2-T875N NNGEVVAV	13850	13621
>JAK2-T875N NTGEVVAV	374	>JAK2-T875N NNGEVVAV	13059	12685
>JAK2-T875N NTGEVVAVK	269	>JAK2-T875N NNGEVVAVK	17631	17362
>JAK2-T875N NTGEVVAVKI	216	>JAK2-T875N NNGEVVAVK	19213	18997
>JAK2-T875N NTGEVVAVK	30	>JAK2-T875N NNGEVVAVK	1193	1163

>JAK2-T875N NTGEVVAVKI	22	>JAK2-T875N NNGEVVAVK	5252	5230
>JAK2-T875N NTGEVVAV	18	>JAK2-T875N NNGEVVAV	1118	1100
>JAK2-T875N NTGEVVAV	13	>JAK2-T875N NNGEVVAV	3040	3027
>JAK2-T875N QDNTGEVV	497	>JAK2-T875N QDNNGEVV	752	255
>JAK2-T875N LQDNTGEVV,	427	>JAK2-T875N LQDNNGEVV	479	52
>JAK2-T875N LQDNTGEV	27	>JAK2-T875N LQDNNGEV	60	33
>JAK2-T875N LQDNTGEVV	51	>JAK2-T875N LQDNNGEVV	98	47
>JAK2-T875N LQDNTGEVV,	10	>JAK2-T875N LQDNNGEVV	14	4
>JAK2-T875N LQDNTGEV	55	>JAK2-T875N LQDNNGEV	71	16
>JAK2-T875N LQDNTGEVV	66	>JAK2-T875N LQDNNGEVV	63	3
>JAK2-T875N LQDNTGEVV,	25	>JAK2-T875N LQDNNGEVV	24	1
>JAK2-T875N LQDNTGEV	247	>JAK2-T875N LQDNNGEV	211	36
>JAK2-T875N LQDNTGEVV	207	>JAK2-T875N LQDNNGEVV	77	130
>JAK2-T875N LQDNTGEVV,	63	>JAK2-T875N LQDNNGEVV	38	25
>JAK2-T875N LQDNTGEV	231	>JAK2-T875N LQDNNGEV	681	450
>JAK2-T875N LQDNTGEVV	254	>JAK2-T875N LQDNNGEVV	861	607
>JAK2-T875N LQDNTGEVV,	138	>JAK2-T875N LQDNNGEVV	290	152
>JAK2-T875N LQDNTGEVV	488	>JAK2-T875N LQDNNGEVV	951	463
>JAK2-T875N LQDNTGEVV,	323	>JAK2-T875N LQDNNGEVV	502	179
>JAK2-T875N PLQDNTGEV	369	>JAK2-T875N PLQDNNGEV	1817	1448
>JAK2-T875N PLQDNTGEV	16	>JAK2-T875N PLQDNNGEV	35	19
>JAK2-T875N PLQDNTGEV	23	>JAK2-T875N PLQDNNGEV	34	11
>JAK2-T875N PLQDNTGEV	60	>JAK2-T875N PLQDNNGEV	181	121
>JAK2-T875N PLQDNTGEV	81	>JAK2-T875N PLQDNNGEV	114	33
>JAK2-T875N PLQDNTGEV	173	>JAK2-T875N PLQDNNGEV	462	289
>JAK2-T875N PLQDNTGEV	175	>JAK2-T875N PLQDNNGEV	418	243
>JAK2-T875N PLQDNTGEV	30	>JAK2-T875N PLQDNNGEV	212	182
>JAK2-T875N PLQDNTGEV	45	>JAK2-T875N PLQDNNGEV	112	67
>JAK2-T875N PLQDNTGEV	3	>JAK2-T875N PLQDNNGEV	5	2
>JAK2-T875N PLQDNTGEV	8	>JAK2-T875N PLQDNNGEV	9	1
>JAK2-T875N PLQDNTGEV	118	>JAK2-T875N PLQDNNGEV	179	61
>JAK2-T875N DPLQDNTGE'	132	>JAK2-T875N DPLQDNNGE	189	57
>JAK2-T875N YDPLQDNTGI	231	>JAK2-T875N YDPLQDNNG	479	248
>JAK2-V567A EVGDYGQL	407	>JAK2-V567A EAGDYGQL	6790	6383
>JAK2-V567A EVGDYGQL	65	>JAK2-V567A EAGDYGQL	196	131
>JAK2-V567A REVDYGQL	7	>JAK2-V567A REAGDYGQL	8	1
>JAK2-V567A REVDYGQL	319	>JAK2-V567A REAGDYGQL	932	613
>JAK2-V567A REVDYGQL	51	>JAK2-V567A REAGDYGQL	97	46
>JAK2-V567A RREVDYGQ	39	>JAK2-V567A RREAGDYGQ	28	11
>JAK2-V567A RREVDYGQ	74	>JAK2-V567A RREAGDYGQ	73	1
>JAK2-V567A RREVDYGQ	210	>JAK2-V567A RREAGDYGQ	232	22
>JAK2-V567A RREVDYGQ	59	>JAK2-V567A RREAGDYGQ	53	6
>JAK2-V567A RREVDYGQ	307	>JAK2-V567A RREAGDYGQ	450	143

>JAK2-V567A VRREVG DY	370	>JAK2-V567A VRREAG DY	395	25
>JAK2-V567A VRREVG DYG	337	>JAK2-V567A VRREAG DYG	504	167
>JAK2-V567A GVRREVG DY	352	>JAK2-V567A GVRREAG DY	3707	3355
>JAK2-V567A GVRREVG DY	1023	>JAK2-V567A GVRREAG DY	436	587
>JAK2-V567A GVRREVG DY	736	>JAK2-V567A GVRREAG DY	274	462
>JAK2-V567A KGVRREVG D'	230	>JAK2-V567A KGVRREAG D'	332	102
>JAK2-V567A FKGVRREVG I	206	>JAK2-V567A FKGVRREAG I	221	15
>JAK2-V567A KIFKGVRREV	487	>JAK2-V567A KIFKGVRREA	2569	2082
>JAK2-V567A KIFKGVRREV	109	>JAK2-V567A KIFKGVRREA	781	672
>JAK2-V567A KIFKGVRREV	13	>JAK2-V567A KIFKGVRREA	702	689
>JAK2-V567A KIFKGVRREV	57	>JAK2-V567A KIFKGVRREA	3350	3293
>JAK2-V567A KIFKGVRREV	23	>JAK2-V567A KIFKGVRREA	4186	4163
>JAK2-V567A KIFKGVRREV	282	>JAK2-V567A KIFKGVRREA	140	142
>JAK2-V567A KIFKGVRREV	267	>JAK2-V567A KIFKGVRREA	1870	1603
>JAK2-V617F VCGDENILV	5416	>JAK2-V617F FCGDENILV	229	5187
>JAK2-V617F VCGDENILV	1619	>JAK2-V617F FCGDENILV	258	1361
>JAK2-V617F VCGDENILV	3240	>JAK2-V617F FCGDENILV	489	2751
>JAK2-V617F VCGDENILV	405	>JAK2-V617F FCGDENILV	41	364
>JAK2-V617F CVCGDENILV	267	>JAK2-V617F CFCGDENILV	5953	5686
>JAK2-V617F CVCGDENILV	285	>JAK2-V617F CFCGDENILV	6217	5932
>JAK2-V617F CVCGDENI	10114	>JAK2-V617F CFCGDENI	218	9896
>JAK2-V617F CVCGDENIL	12056	>JAK2-V617F CFCGDENIL	314	11742
>JAK2-V617F CVCGDENI	478	>JAK2-V617F CFCGDENI	4165	3687
>JAK2-V617F KHLVLNYGVC	511	>JAK2-V617F KHLVLNYGVC	12	499
>JAK2-V617F VCVCGDENIL	3529	>JAK2-V617F VCFCGDENIL'	369	3160
>JAK2-V617F VLNYGVCV	55	>JAK2-V617F VLNYGVCF	15845	15790
>JAK2-V617F VLNYGVCV	23	>JAK2-V617F VLNYGVCF	3978	3955
>JAK2-V617F VLNYGVCV	17	>JAK2-V617F VLNYGVCF	7275	7258
>JAK2-V617F VLNYGVCV	261	>JAK2-V617F VLNYGVCF	6593	6332
>JAK2-V617F VLNYGVCV	6	>JAK2-V617F VLNYGVCF	3665	3659
>JAK2-V617F VLNYGVCVC	101	>JAK2-V617F VLNYGVCFC	36	65
>JAK2-V617F VLNYGVCV	7	>JAK2-V617F VLNYGVCF	11179	11172
>JAK2-V617F VLNYGVCVC	791	>JAK2-V617F VLNYGVCFC	361	430
>JAK2-V617F VLNYGVCV	8	>JAK2-V617F VLNYGVCF	11549	11541
>JAK2-V617F VLNYGVCVC	1385	>JAK2-V617F VLNYGVCFC	144	1241
>JAK2-V617F VLNYGVCV	7	>JAK2-V617F VLNYGVCF	11392	11385
>JAK2-V617F VLNYGVCVC	662	>JAK2-V617F VLNYGVCFC	135	527
>JAK2-V617F VLNYGVCV	4	>JAK2-V617F VLNYGVCF	5775	5771
>JAK2-V617F VLNYGVCVC	44	>JAK2-V617F VLNYGVCFC	24	20
>JAK2-V617F VLNYGVCV	3936	>JAK2-V617F VLNYGVCF	78	3858
>JAK2-V617F VLNYGVCV	1763	>JAK2-V617F VLNYGVCF	28	1735
>JAK2-V617F LVLNYGVCV	94	>JAK2-V617F LVLNYGVCF	18470	18376
>JAK2-V617F LVLNYGVCV	39	>JAK2-V617F LVLNYGVCF	1400	1361

>JAK2-V617F LVLNYGVCV	15	>JAK2-V617F LVLNYGVCF	11191	11176
>JAK2-V617F LVLNYGVCVC	734	>JAK2-V617F LVLNYGVCFC	269	465
>JAK2-V617F LVLNYGVCV	60	>JAK2-V617F LVLNYGVCF	15775	15715
>JAK2-V617F LVLNYGVCV	25	>JAK2-V617F LVLNYGVCF	16052	16027
>JAK2-V617F LVLNYGVCV	55	>JAK2-V617F LVLNYGVCF	18354	18299
>JAK2-V617F LVLNYGVCV	17	>JAK2-V617F LVLNYGVCF	24728	24711
>JAK2-V617F LVLNYGVCV	7593	>JAK2-V617F LVLNYGVCF	200	7393
>JAK2-V617F LVLNYGVCV	756	>JAK2-V617F LVLNYGVCF	13	743
>JAK2-V617F LVLNYGVCV	14345	>JAK2-V617F LVLNYGVCF	374	13971
>JAK2-V617F LVLNYGVCV	6305	>JAK2-V617F LVLNYGVCF	385	5920
>JAK2-V617F HLVLNYGVC\	454	>JAK2-V617F HLVLNYGVCF	13099	12645
>JAK2-V617F HLVLNYGVC\	497	>JAK2-V617F HLVLNYGVCF	19912	19415
>JAK2-V617F HLVLNYGVC\	57	>JAK2-V617F HLVLNYGVCF	15189	15132
>JAK2-V617F HLVLNYGVC\	17	>JAK2-V617F HLVLNYGVCF	13683	13666
>JAK2-V617F HLVLNYGVC\	54	>JAK2-V617F HLVLNYGVCF	20557	20503
>JAK2-V617F HLVLNYGVC\	263	>JAK2-V617F HLVLNYGVCF	23346	23083
>JAK2-V617F HLVLNYGVC\	12	>JAK2-V617F HLVLNYGVCF	17128	17116
>JAK2-V617F HLVLNYGVC\	694	>JAK2-V617F HLVLNYGVCF	362	332
>JAK2-V617F HLVLNYGVC\	8979	>JAK2-V617F HLVLNYGVCF	384	8595
>JAK2-V617F HLVLNYGVC\	2588	>JAK2-V617F HLVLNYGVCF	72	2516
>JAK2-V617I- VCGDENILV	405	>JAK2-V617I- ICGDENILV	548	143
>JAK2-V617I- CVCGDENILV	634	>JAK2-V617I- CICGDENILV	358	276
>JAK2-V617I- CVCGDENILV	267	>JAK2-V617I- CICGDENILV	252	15
>JAK2-V617I- CVCGDENILV	285	>JAK2-V617I- CICGDENILV	93	192
>JAK2-V617I- CVCGDENI	478	>JAK2-V617I- CICGDENI	1792	1314
>JAK2-V617I- KHLVLNYGVC	511	>JAK2-V617I- KHLVLNYGVC	338	173
>JAK2-V617I- VLNYGVCV	55	>JAK2-V617I- VLNYGVCV	333	278
>JAK2-V617I- VLNYGVCV	23	>JAK2-V617I- VLNYGVCV	123	100
>JAK2-V617I- VLNYGVCV	17	>JAK2-V617I- VLNYGVCV	90	73
>JAK2-V617I- VLNYGVCV	261	>JAK2-V617I- VLNYGVCV	1549	1288
>JAK2-V617I- VLNYGVCV	6	>JAK2-V617I- VLNYGVCV	46	40
>JAK2-V617I- VLNYGVCVC	101	>JAK2-V617I- VLNYGVCVC	306	205
>JAK2-V617I- VLNYGVCV	7	>JAK2-V617I- VLNYGVCV	53	46
>JAK2-V617I- VLNYGVCV	8	>JAK2-V617I- VLNYGVCV	47	39
>JAK2-V617I- VLNYGVCV	7	>JAK2-V617I- VLNYGVCV	141	134
>JAK2-V617I- VLNYGVCV	4	>JAK2-V617I- VLNYGVCV	43	39
>JAK2-V617I- VLNYGVCVC	44	>JAK2-V617I- VLNYGVCVC	66	22
>JAK2-V617I- LVLNYGVCV	94	>JAK2-V617I- LVLNYGVCV	790	696
>JAK2-V617I- LVLNYGVCV	39	>JAK2-V617I- LVLNYGVCV	245	206
>JAK2-V617I- LVLNYGVCV	15	>JAK2-V617I- LVLNYGVCV	262	247
>JAK2-V617I- LVLNYGVCV	60	>JAK2-V617I- LVLNYGVCV	806	746
>JAK2-V617I- LVLNYGVCV	25	>JAK2-V617I- LVLNYGVCV	722	697
>JAK2-V617I- LVLNYGVCV	55	>JAK2-V617I- LVLNYGVCV	1082	1027

>JAK2-V617I-LVLNYGVCV	17	>JAK2-V617I-LVLNYGVCV	2469	2452
>JAK2-V617I-LVLNYGVCV	756	>JAK2-V617I-LVLNYGVCV	464	292
>JAK2-V617I-HLVLNYGVCV	454	>JAK2-V617I-HLVLNYGVCV	804	350
>JAK2-V617I-HLVLNYGVCV	497	>JAK2-V617I-HLVLNYGVCV	1476	979
>JAK2-V617I-HLVLNYGVCV	57	>JAK2-V617I-HLVLNYGVCV	762	705
>JAK2-V617I-HLVLNYGVCV	17	>JAK2-V617I-HLVLNYGVCV	163	146
>JAK2-V617I-HLVLNYGVCV	54	>JAK2-V617I-HLVLNYGVCV	1495	1441
>JAK2-V617I-HLVLNYGVCV	263	>JAK2-V617I-HLVLNYGVCV	6074	5811
>JAK2-V617I-HLVLNYGVCV	12	>JAK2-V617I-HLVLNYGVCV	510	498
>JAK2-Y813DYELLTENDM	98	>JAK2-Y813DYELLTENDM	205	107
>JAK2-Y813DYELLTENDML	69	>JAK2-Y813DYELLTENDMI	108	39
>JAK2-Y813DYELLTENDM	803	>JAK2-Y813DYELLTENDM	224	579
>JAK2-Y813DYELLTENDML	351	>JAK2-Y813DYELLTENDMI	3102	2751
>JAK2-Y813DYELLTENDML	468	>JAK2-Y813DYELLTENDMI	2428	1960
>JAK2-Y813DYELLTENDM	69	>JAK2-Y813DYELLTENDM	10034	9965
>JAK2-Y813DYELLTENDML	27	>JAK2-Y813DYELLTENDMI	772	745
>JAK2-Y813DRDLNSLFTPD	478	>JAK2-Y813DRDLNSLFTPD	25663	25185
>JAK2-Y813DFTPDIYELL	149	>JAK2-Y813DFTPDIYELL	839	690
>JAK2-Y813DFTPDIYELL	18	>JAK2-Y813DFTPDIYELL	61	43
>JAK2-Y813DFTPDIYELL	35	>JAK2-Y813DFTPDIYELL	120	85
>JAK2-Y813DFTPDIYELL	122	>JAK2-Y813DFTPDIYELL	548	426
>JAK2-Y813DFTPDIYELL	126	>JAK2-Y813DFTPDIYELL	281	155
>JAK2-Y813DFTPDIYELL	34	>JAK2-Y813DFTPDIYELL	67	33
>JAK2-Y813DFTPDIYELL	5	>JAK2-Y813DFTPDIYELL	9	4
>JAK2-Y813DFTPDIYELLT	63	>JAK2-Y813DFTPDIYELLT	814	751
>JAK2-Y813DFTPDIYELLTE	161	>JAK2-Y813DFTPDIYELLTE	656	495
>JAK2-Y813DLFTPDYEL	31	>JAK2-Y813DLFTPDYEL	123	92
>JAK2-Y813DLFTPDYELL	25	>JAK2-Y813DLFTPDYELL	438	413
>JAK2-Y813DSLFTPDYEL	14	>JAK2-Y813DSLFTPDYEL	102	88
>JAK2-Y813DSLFTPDYELL	178	>JAK2-Y813DSLFTPDYELL	193	15
>JAK2-Y813DSLFTPDYELLT	151	>JAK2-Y813DSLFTPDYELLT	789	638
>JAK2-Y813DSLFTPDYEL	8	>JAK2-Y813DSLFTPDYEL	20	12
>JAK2-Y813DSLFTPDYELL	11	>JAK2-Y813DSLFTPDYELL	10	1
>JAK2-Y813DSLFTPDYELLT	406	>JAK2-Y813DSLFTPDYELLT	1189	783
>JAK2-Y813DSLFTPDYEL	404	>JAK2-Y813DSLFTPDYEL	899	495
>JAK2-Y813DSLFTPDYELL	55	>JAK2-Y813DSLFTPDYELL	146	91
>JAK2-Y813DSLFTPDYELL	396	>JAK2-Y813DSLFTPDYELL	677	281
>JAK2-Y813DSLFTPDYEL	4	>JAK2-Y813DSLFTPDYEL	10	6
>JAK2-Y813DSLFTPDYELL	6	>JAK2-Y813DSLFTPDYELL	15	9
>JAK2-Y813DSLFTPDYELLT	98	>JAK2-Y813DSLFTPDYELLT	298	200
>JAK2-Y813DSLFTPDYEL	7	>JAK2-Y813DSLFTPDYEL	56	49
>JAK2-Y813DSLFTPDYELL	40	>JAK2-Y813DSLFTPDYELL	91	51
>JAK2-Y813DSLFTPDYEL	8	>JAK2-Y813DSLFTPDYEL	13	5



>JAK2-Y813DSLFTPDYELL	12	>JAK2-Y813DSLFTPDELL	15	3
>JAK2-Y813DSLFTPDYELLT	222	>JAK2-Y813DSLFTPDELLT	313	91
>JAK2-Y813DSLFTPDYEL	6	>JAK2-Y813DSLFTPDELL	21	15
>JAK2-Y813DSLFTPDYELL	9	>JAK2-Y813DSLFTPDELL	17	8
>JAK2-Y813DSLFTPDYELLT	75	>JAK2-Y813DSLFTPDELLT	142	67
>JAK2-Y813DSLFTPDYEL	80	>JAK2-Y813DSLFTPDELL	1191	1111
>JAK2-Y813DSLFTPDYEL	55	>JAK2-Y813DSLFTPDELL	346	291
>JAK2-Y813DNSLFTPDY	147	>JAK2-Y813DNSLFTPDD	24907	24760
>JAK2-Y813DNSLFTPDY	241	>JAK2-Y813DNSLFTPDD	29844	29603
>JAK2-Y813DNSLFTPDY	211	>JAK2-Y813DNSLFTPDD	25548	25337
>JAK2-Y813DNSLFTPDY	201	>JAK2-Y813DNSLFTPDD	25482	25281
>JAK2-Y813DNSLFTPDY	443	>JAK2-Y813DNSLFTPDD	34779	34336
>JAK2-Y931CYLPYGSLRDY	290	>JAK2-Y931CCLPYGSLRDY	671	381
>JAK2-Y931CYLPYGSLRDYI	38	>JAK2-Y931CCLPYGSLRDYI	1539	1501
>JAK2-Y931CYLPYGSLRDYI	6	>JAK2-Y931CCLPYGSLRDYI	144	138
>JAK2-Y931CYLPYGSLRDYI	36	>JAK2-Y931CCLPYGSLRDYI	1024	988
>JAK2-Y931CYLPYGSLRDYI	50	>JAK2-Y931CCLPYGSLRDYI	1843	1793
>JAK2-Y931CYLPYGSLRDYI	12	>JAK2-Y931CCLPYGSLRDYI	754	742
>JAK2-Y931CYLPYGSLRDYI	35	>JAK2-Y931CCLPYGSLRDYI	1379	1344
>JAK2-Y931CYLPYGSLRDYI	18	>JAK2-Y931CCLPYGSLRDYI	1641	1623
>JAK2-Y931CYLPYGSLRDYI	61	>JAK2-Y931CCLPYGSLRDYI	1995	1934
>JAK2-Y931CYLPYGSLRDYI	6	>JAK2-Y931CCLPYGSLRDYI	231	225
>JAK2-Y931CYLPYGSLRDY	433	>JAK2-Y931CCLPYGSLRDY	604	171
>JAK2-Y931CYLPYGSLR	114	>JAK2-Y931CCLPYGSLR	541	427
>JAK2-Y931CYLPYGSLRDYI	434	>JAK2-Y931CCLPYGSLRDYI	1317	883
>JAK2-Y931CYLPYGSLRDY	214	>JAK2-Y931CCLPYGSLRDY	895	681
>JAK2-Y931CYLPYGSLRDY	193	>JAK2-Y931CCLPYGSLRDY	2395	2202
>JAK2-Y931CYLPYGSLRDY	39	>JAK2-Y931CCLPYGSLRDY	867	828
>JAK2-Y931CYLPYGSLRDYI	23	>JAK2-Y931CCLPYGSLRDYI	184	161
>JAK2-Y931CYLPYGSLRDY	453	>JAK2-Y931CCLPYGSLRDY	4866	4413
>JAK2-Y931CEYLPYGSL	15	>JAK2-Y931CECLPYGSL	17429	17414
>JAK2-Y931CEYLPYGSLRD'	200	>JAK2-Y931CECLPYGSLRD'	185	15
>JAK2-Y931CEYLPYGSLRD'	451	>JAK2-Y931CECLPYGSLRD'	345	106
>JAK2-Y931CEYLPYGSLRD'	107	>JAK2-Y931CECLPYGSLRD'	2184	2077
>JAK2-Y931CEYLPYGSLR	138	>JAK2-Y931CECLPYGSLR	3421	3283
>JAK2-Y931CEYLPYGSLR	17	>JAK2-Y931CECLPYGSLR	194	177
>JAK2-Y931CEYLPYGSLR	115	>JAK2-Y931CECLPYGSLR	608	493
>JAK2-Y931CEYLPYGSL	3681	>JAK2-Y931CECLPYGSL	332	3349
>JAK2-Y931CEYLPYGSLR	57	>JAK2-Y931CECLPYGSLR	452	395
>JAK2-Y931CEYLPYGSL	347	>JAK2-Y931CECLPYGSL	9165	8818
>JAK2-Y931CEYLPYGSL	205	>JAK2-Y931CECLPYGSL	26119	25914
>JAK2-Y931CGRRNLKLIME	148	>JAK2-Y931CGRRNLKLIME	7321	7173
>JAK2-Y931CGRRNLKLIME	306	>JAK2-Y931CGRRNLKLIME	5101	4795

>JAK2-Y931C GRRNLKLIME	287	>JAK2-Y931C GRRNLKLIME	19535	19248
>JAK2-Y931C GRRNLKLIME	192	>JAK2-Y931C GRRNLKLIME	256	64
>JAK2-Y931C GRRNLKLIME	90	>JAK2-Y931C GRRNLKLIME	213	123
>JAK2-Y931C MEYLPYGSL	51	>JAK2-Y931C MECLPYGSL	871	820
>JAK2-Y931C MEYLPYGSLR	258	>JAK2-Y931C MECLPYGSLR	312	54
>JAK2-Y931C MEYLPYGSLR	270	>JAK2-Y931C MECLPYGSLR	395	125
>JAK2-Y931C MEYLPYGSLR	327	>JAK2-Y931C MECLPYGSLR	2015	1688
>JAK2-Y931C MEYLPYGSL	122	>JAK2-Y931C MECLPYGSL	322	200
>JAK2-Y931C MEYLPYGSL	17	>JAK2-Y931C MECLPYGSL	27	10
>JAK2-Y931C MEYLPYGSL	69	>JAK2-Y931C MECLPYGSL	710	641
>JAK2-Y931C MEYLPYGS	178	>JAK2-Y931C MECLPYGS	347	169
>JAK2-Y931C MEYLPYGSLR	348	>JAK2-Y931C MECLPYGSLR	2474	2126
>JAK2-Y931C MEYLPYGSL	305	>JAK2-Y931C MECLPYGSL	5473	5168
>JAK2-Y931C MEYLPYGSL	20	>JAK2-Y931C MECLPYGSL	228	208
>JAK2-Y931C IMEYLPYGSL	136	>JAK2-Y931C IMECLPYGSL	151	15
>JAK2-Y931C IMEYLPYGSL	141	>JAK2-Y931C IMECLPYGSL	193	52
>JAK2-Y931C IMEYLPYGSL	327	>JAK2-Y931C IMECLPYGSL	73	254
>JAK2-Y931C IMEYLPYGSL	589	>JAK2-Y931C IMECLPYGSL	161	428
>JAK2-Y931C IMEYLPYGSL	502	>JAK2-Y931C IMECLPYGSL	395	107
>JAK2-Y931C IMEYLPYGSLI	24	>JAK2-Y931C IMECLPYGSLI	40	16
>JAK2-Y931C IMEYLPYGSLI	182	>JAK2-Y931C IMECLPYGSLI	279	97
>JAK2-Y931C IMEYLPYGSLI	151	>JAK2-Y931C IMECLPYGSLI	328	177
>JAK2-Y931C IMEYLPYGSLI	249	>JAK2-Y931C IMECLPYGSLI	127	122
>JAK2-Y931C LIMEYLPYGS	176	>JAK2-Y931C LIMECLPYGSI	621	445
>JAK2-Y931C LIMEYLPYG	166	>JAK2-Y931C LIMECLPYG	322	156
>JAK2-Y931C LIMEYLPYGS	442	>JAK2-Y931C LIMECLPYGS	686	244
>JAK2-Y931C LIMEYLPYGS	60	>JAK2-Y931C LIMECLPYGSI	68	8
>JAK2-Y931C LIMEYLPYG	137	>JAK2-Y931C LIMECLPYG	294	157
>JAK2-Y931C LIMEYLPYGS	730	>JAK2-Y931C LIMECLPYGS	485	245
>JAK2-Y931C LIMEYLPYGS	22	>JAK2-Y931C LIMECLPYGSI	30	8
>JAK2-Y931C LIMEYLPYGS	14	>JAK2-Y931C LIMECLPYGSI	17	3
>JAK2-Y931C LIMEYLPY	244	>JAK2-Y931C LIMECLPY	304	60
>JAK2-Y931C LIMEYLPYG	28	>JAK2-Y931C LIMECLPYG	49	21
>JAK2-Y931C LIMEYLPYGS	232	>JAK2-Y931C LIMECLPYGS	249	17
>JAK2-Y931C LIMEYLPYGS	19	>JAK2-Y931C LIMECLPYGSI	22	3
>JAK2-Y931C LIMEYLPYG	109	>JAK2-Y931C LIMECLPYG	1124	1015
>JAK2-Y931C LIMEYLPYGS	269	>JAK2-Y931C LIMECLPYGS	974	705
>JAK2-Y931C LIMEYLPYGS	19	>JAK2-Y931C LIMECLPYGSI	57	38
>JAK2-Y931C LIMEYLPYGS	154	>JAK2-Y931C LIMECLPYGSI	168	14
>JAK2-Y931C LIMEYLPYGS	95	>JAK2-Y931C LIMECLPYGSI	88	7
>JAK2-Y931C LIMEYLPYGS	27	>JAK2-Y931C LIMECLPYGSI	34	7
>JAK2-Y931C LIMEYLPY	114	>JAK2-Y931C LIMECLPY	212	98
>JAK2-Y931C LIMEYLPY	309	>JAK2-Y931C LIMECLPY	1952	1643

>JAK2-Y931C LIMEYLPY	127	>JAK2-Y931C LIMECLPY	289	162
>JAK2-Y931C LIMEYLPY	24	>JAK2-Y931C LIMECLPY	30	6
>JAK2-Y931C LIMEYLPY	511	>JAK2-Y931C LIMECLPY	189	322
>JAK2-Y931C LIMEYLPY GSI	59	>JAK2-Y931C LIMECLPY GSI	204	145
>JAK2-Y931C LIMEYLPY	150	>JAK2-Y931C LIMECLPY	316	166
>JAK2-Y931C LIMEYLPY	44	>JAK2-Y931C LIMECLPY	48	4
>JAK2-Y931C LIMEYLPY	90	>JAK2-Y931C LIMECLPY	183	93
>JAK2-Y931C LIMEYLPY	134	>JAK2-Y931C LIMECLPY	205	71
>JAK2-Y931C LIMEYLPY	60	>JAK2-Y931C LIMECLPY	67	7
>JAK2-Y931C LIMEYLPY	217	>JAK2-Y931C LIMECLPY	966	749
>JAK2-Y931C KLIMEYLPYG	223	>JAK2-Y931C KLIMECLPYG	194	29
>JAK2-Y931C KLIMEYLPYG	496	>JAK2-Y931C KLIMECLPYG	1323	827
>JAK2-Y931C KLIMEYLPYG	699	>JAK2-Y931C KLIMECLPYG	459	240
>JAK2-Y931C KLIMEYLPYG	464	>JAK2-Y931C KLIMECLPYG	1565	1101
>JAK2-Y931C KLIMEYLPY	281	>JAK2-Y931C KLIMECLPY	389	108
>JAK2-Y931C KLIMEYLPY	160	>JAK2-Y931C KLIMECLPY	504	344
>JAK2-Y931C KLIMEYLPY	20	>JAK2-Y931C KLIMECLPY	23	3
>JAK2-Y931C KLIMEYLPY	305	>JAK2-Y931C KLIMECLPY	139	166
>JAK2-Y931C KLIMEYLPY	497	>JAK2-Y931C KLIMECLPY	403	94
>JAK2-Y931C KLIMEYLPY	10	>JAK2-Y931C KLIMECLPY	15	5
>JAK2-Y931C KLIMEYLPY	33	>JAK2-Y931C KLIMECLPY	34	1
>JAK2-Y931C KLIMEYLPY	13	>JAK2-Y931C KLIMECLPY	46	33
>JAK2-Y931C KLIMEYLPY	109	>JAK2-Y931C KLIMECLPY	118	9
>JAK2-Y931C LKLIMEYL	214	>JAK2-Y931C LKLIMECL	262	48
>JAK2-Y931C LKLIMEYLPY	10	>JAK2-Y931C LKLIMECLPY	14	4
>JAK2-Y931C NLKLIMEYL	18	>JAK2-Y931C NLKLIMECL	117	99
>JAK2-Y931C NLKLIMEYL	158	>JAK2-Y931C NLKLIMECL	1364	1206
>JAK2-Y931C NLKLIMEY	442	>JAK2-Y931C NLKLIMEC	26097	25655
>JAK2-Y931C NLKLIMEYLPY	113	>JAK2-Y931C NLKLIMECLPY	185	72
>JAK2-Y931C NLKLIMEYL	418	>JAK2-Y931C NLKLIMECL	3414	2996
>JAK2-Y931C NLKLIMEY	105	>JAK2-Y931C NLKLIMEC	26599	26494
>JAK2-Y931C NLKLIMEYLPY	109	>JAK2-Y931C NLKLIMECLPY	161	52
>JAK2-Y931C NLKLIMEYL	1936	>JAK2-Y931C NLKLIMECL	427	1509
>JAK2-Y931C NLKLIMEYLPY	150	>JAK2-Y931C NLKLIMECLPY	154	4
>JAK2-Y931C NLKLIMEYLPY	426	>JAK2-Y931C NLKLIMECLPY	525	99
>JAK2-Y931C RNLKLIMEY	16	>JAK2-Y931C RNLKLIMEC	25057	25041
>JAK2-Y931C RNLKLIMEY	106	>JAK2-Y931C RNLKLIMEC	9422	9316
>JAK2-Y931C RNLKLIMEY	229	>JAK2-Y931C RNLKLIMEC	20041	19812
>JAK2-Y931C RRNLKLIMEY	202	>JAK2-Y931C RRNLKLIMEC	26942	26740
>JAK2-Y931C RRNLKLIMEY	144	>JAK2-Y931C RRNLKLIMEC	5874	5730
>JAK2-Y931C RRNLKLIMEY	13	>JAK2-Y931C RRNLKLIMEC	204	191
>JAK2-Y931C RRNLKLIMEY	60	>JAK2-Y931C RRNLKLIMEC	63	3
>JAK2-Y931C RRNLKLIMEY	220	>JAK2-Y931C RRNLKLIMEC	303	83

>JAK2-Y931C RRNLKLIMEY	64	>JAK2-Y931C RRNLKLIMEC	78	14
>JAK2-Y931C RRNLKLIMEY	178	>JAK2-Y931C RRNLKLIMEC	228	50
>JAK2-Y931C RRNLKLIMEY	36	>JAK2-Y931C RRNLKLIMEC	38	2
>JAK3-A1090 ALGPQLDML	436	>JAK3-A1090 SLGPQLDML	326	110
>JAK3-A1090 ALGPQLDML	10	>JAK3-A1090 SLGPQLDML	10	0
>JAK3-A1090 ALGPQLDML	228	>JAK3-A1090 SLGPQLDML	282	54
>JAK3-A1090 ALGPQLDML	332	>JAK3-A1090 SLGPQLDML	498	166
>JAK3-A1090 ALGPQLDML	17	>JAK3-A1090 SLGPQLDML	14	3
>JAK3-A1090 ALGPQLDML	30	>JAK3-A1090 SLGPQLDML	29	1
>JAK3-A1090 ALGPQLDM	1160	>JAK3-A1090 SLGPQLDM	405	755
>JAK3-A1090 ALGPQLDML	24	>JAK3-A1090 SLGPQLDML	14	10
>JAK3-A1090 ALGPQLDML	132	>JAK3-A1090 SLGPQLDML	285	153
>JAK3-A1090 ALGPQLDM	74	>JAK3-A1090 SLGPQLDM	113	39
>JAK3-A1090 ALGPQLDML	6	>JAK3-A1090 SLGPQLDML	7	1
>JAK3-A1090 SALGPQLDM	390	>JAK3-A1090 SSLGPQLDMI	1432	1042
>JAK3-A1090 SALGPQLDM	247	>JAK3-A1090 SSLGPQLDM	22	225
>JAK3-A1090 SALGPQLDM	528	>JAK3-A1090 SSLGPQLDMI	58	470
>JAK3-A1090 SALGPQLDM	31	>JAK3-A1090 SSLGPQLDMI	7	24
>JAK3-A1090 SALGPQLDM	232	>JAK3-A1090 SSLGPQLDMI	2576	2344
>JAK3-A1090 SALGPQLDM	53	>JAK3-A1090 SSLGPQLDMI	45	8
>JAK3-A1090 SALGPQLDM	14	>JAK3-A1090 SSLGPQLDMI	11	3
>JAK3-A1090 SALGPQLDM	1248	>JAK3-A1090 SSLGPQLDM	160	1088
>JAK3-A1090 SALGPQLDM	1307	>JAK3-A1090 SSLGPQLDMI	156	1151
>JAK3-A1090 SALGPQLDM	266	>JAK3-A1090 SSLGPQLDMI	1271	1005
>JAK3-A1090 SALGPQLDM	375	>JAK3-A1090 SSLGPQLDMI	1071	696
>JAK3-A1090 FSALGPQL	340	>JAK3-A1090 FSSLGPQL	758	418
>JAK3-A1090 FSALGPQLDM	85	>JAK3-A1090 FSSLGPQLDM	163	78
>JAK3-A1090 FSALGPQL	16	>JAK3-A1090 FSSLGPQL	19	3
>JAK3-A1090 FSALGPQLDM	44	>JAK3-A1090 FSSLGPQLDM	53	9
>JAK3-A1090 FSALGPQLDM	89	>JAK3-A1090 FSSLGPQLDM	108	19
>JAK3-A1090 FSALGPQL	98	>JAK3-A1090 FSSLGPQL	693	595
>JAK3-A1090 FSALGPQLDM	432	>JAK3-A1090 FSSLGPQLDM	1012	580
>JAK3-A1090 FSALGPQL	493	>JAK3-A1090 FSSLGPQL	596	103
>JAK3-A1090 FSALGPQLDM	24	>JAK3-A1090 FSSLGPQLDM	20	4
>JAK3-A1090 FSALGPQLDM	356	>JAK3-A1090 FSSLGPQLDM	352	4
>JAK3-A1090 FSALGPQL	484	>JAK3-A1090 FSSLGPQL	961	477
>JAK3-A1090 SFSALGPQL	357	>JAK3-A1090 SFSSLGPQL	238	119
>JAK3-A1090 SFSALGPQLD	648	>JAK3-A1090 SFSSLGPQLD	487	161
>JAK3-A1090 SFSALGPQL	533	>JAK3-A1090 SFSSLGPQL	385	148
>JAK3-A1090 PSFALGPQL	402	>JAK3-A1090 PSFSSLGPQL	1810	1408
>JAK3-A1090 PSFALGPQL	662	>JAK3-A1090 PSFSSLGPQL	295	367
>JAK3-A1090 RPSFALGPQ	321	>JAK3-A1090 RPSFSSLGPQ	351	30
>JAK3-A1090 RPSFALGPQ	419	>JAK3-A1090 RPSFSSLGPQ	517	98

>JAK3-A1090 RPSFSALGPQ	31	>JAK3-A1090 RPSFSSLGPQ	26	5
>JAK3-A1090 QDRPSFSAL	295	>JAK3-A1090 QDRPSFSSL	371	76
>JAK3-A1090 QDRPSFSAL	542	>JAK3-A1090 QDRPSFSSL	191	351
>JAK3-A1090 SPQDRPSFSA	317	>JAK3-A1090 SPQDRPSFSS	177	140
>JAK3-A1090 SPQDRPSFSA	369	>JAK3-A1090 SPQDRPSFSS	2061	1692
>JAK3-A1090 SPQDRPSFSA	18	>JAK3-A1090 SPQDRPSFSS	25	7
>JAK3-A1090 SPQDRPSFSA	152	>JAK3-A1090 SPQDRPSFSS	134	18
>JAK3-A1090 SPQDRPSFSA	187	>JAK3-A1090 SPQDRPSFSS	562	375
>JAK3-A1090 SPQDRPSFSA	104	>JAK3-A1090 SPQDRPSFSS	3482	3378
>JAK3-A127C AILDLPVL	67	>JAK3-A127C DILDLPVL	10492	10425
>JAK3-A127C AILDLPVLEHL	68	>JAK3-A127C DILDLPVLEHL	9052	8984
>JAK3-A127C AILDLPVLEHL	94	>JAK3-A127C DILDLPVLEHL	2765	2671
>JAK3-A127C AILDLPVL	55	>JAK3-A127C DILDLPVL	4785	4730
>JAK3-A127C AILDLPVLEHL	25	>JAK3-A127C DILDLPVLEHL	2261	2236
>JAK3-A127C AILDLPVL	20	>JAK3-A127C DILDLPVL	955	935
>JAK3-A127C AILDLPVLEHL	12	>JAK3-A127C DILDLPVLEHL	640	628
>JAK3-A127C AILDLPVL	146	>JAK3-A127C DILDLPVL	5363	5217
>JAK3-A127C AILDLPVLEHL	112	>JAK3-A127C DILDLPVLEHL	5038	4926
>JAK3-A127C AILDLPVL	33	>JAK3-A127C DILDLPVL	1163	1130
>JAK3-A127C AILDLPVLEHL	24	>JAK3-A127C DILDLPVLEHL	631	607
>JAK3-A127C AILDLPVL	89	>JAK3-A127C DILDLPVL	392	303
>JAK3-A127C AILDLPVLEHL	181	>JAK3-A127C DILDLPVLEHL	755	574
>JAK3-A127C AILDLPVL	14	>JAK3-A127C DILDLPVL	1115	1101
>JAK3-A127C AILDLPVLEHL	14	>JAK3-A127C DILDLPVLEHL	2000	1986
>JAK3-A127C AILDLPVL	1940	>JAK3-A127C DILDLPVL	90	1850
>JAK3-A127C AILDLPVLEHL	1733	>JAK3-A127C DILDLPVLEHL	83	1650
>JAK3-A127C SAILDLPV	315	>JAK3-A127C SDILDLPV	26404	26089
>JAK3-A127C SAILDLPVL	221	>JAK3-A127C SDILDLPVL	21393	21172
>JAK3-A127C SAILDLPV	30	>JAK3-A127C SDILDLPV	2565	2535
>JAK3-A127C SAILDLPVL	235	>JAK3-A127C SDILDLPVL	9811	9576
>JAK3-A127C SAILDLPV	141	>JAK3-A127C SDILDLPV	5036	4895
>JAK3-A127C SAILDLPV	174	>JAK3-A127C SDILDLPV	8064	7890
>JAK3-A127C SAILDLPV	234	>JAK3-A127C SDILDLPV	10193	9959
>JAK3-A127C SAILDLPVL	14826	>JAK3-A127C SDILDLPVL	387	14439
>JAK3-A127C SAILDLPV	29176	>JAK3-A127C SDILDLPV	124	29052
>JAK3-A127C ASAILDLPV	6427	>JAK3-A127C ASDILDLPV	112	6315
>JAK3-A127C ASAILDLPV	425	>JAK3-A127C ASDILDLPV	13417	12992
>JAK3-A127C ASAILDLPV	143	>JAK3-A127C ASDILDLPV	392	249
>JAK3-A127C ASAILDLPVL	25	>JAK3-A127C ASDILDLPVL	70	45
>JAK3-A127C ASAILDLPVL	463	>JAK3-A127C ASDILDLPVL	2114	1651
>JAK3-A127C ASAILDLPVL	392	>JAK3-A127C ASDILDLPVL	3411	3019
>JAK3-A127C LASAILDLPV	386	>JAK3-A127C LASDILDLPV	190	196
>JAK3-A127C LASAILDL	451	>JAK3-A127C LASDILDL	416	35

>JAK3-A127C LASAILDLPV	67	>JAK3-A127C LASDILDLPV	50	17
>JAK3-A127C LASAILDLPVL	172	>JAK3-A127C LASDILDLPVL	140	32
>JAK3-A127C LASAILDLPV	155	>JAK3-A127C LASDILDLPV	162	7
>JAK3-A127C LASAILDLPV	67	>JAK3-A127C LASDILDLPV	41	26
>JAK3-A127C LASAILDLPVL	454	>JAK3-A127C LASDILDLPVL	248	206
>JAK3-A127C LASAILDLPV	1156	>JAK3-A127C LASDILDLPV	434	722
>JAK3-A127C LASAILDLPV	405	>JAK3-A127C LASDILDLPV	57	348
>JAK3-A127C LASAILDLPV	494	>JAK3-A127C LASDILDLPV	1010	516
>JAK3-A127C DLASAILDLPV	273	>JAK3-A127C DLASDILDLPV	411	138
>JAK3-A127C DLASAILDLPV	231	>JAK3-A127C DLASDILDLPV	306	75
>JAK3-A127C DLASAILDLPV	104	>JAK3-A127C DLASDILDLPV	103	1
>JAK3-A127C DLASAILDLPV	528	>JAK3-A127C DLASDILDLPV	370	158
>JAK3-A127C DLASAILDL	266	>JAK3-A127C DLASDILD	547	281
>JAK3-A127C DLASAILDLPV	14	>JAK3-A127C DLASDILDLPV	16	2
>JAK3-A127C DLASAILDLPV	55	>JAK3-A127C DLASDILDLPV	63	8
>JAK3-A127C DLASAILDL	90	>JAK3-A127C DLASDILD	100	10
>JAK3-A127C DLASAILDLPV	12	>JAK3-A127C DLASDILDLPV	13	1
>JAK3-A127C DLASAILDLPV	81	>JAK3-A127C DLASDILDLPV	183	102
>JAK3-A127C DLASAILDLPV	84	>JAK3-A127C DLASDILDLPV	150	66
>JAK3-A127C KDLASAIL	729	>JAK3-A127C KDLASDIL	432	297
>JAK3-A127C KDLASAIL	140	>JAK3-A127C KDLASDIL	186	46
>JAK3-A127C KDLASAILDL	163	>JAK3-A127C KDLASDILD	324	161
>JAK3-A127C RKDLASAIL	278	>JAK3-A127C RKDLASDIL	1548	1270
>JAK3-A127C LRKDLASAI	288	>JAK3-A127C LRKDLASDI	912	624
>JAK3-A127C LRKDLASAIL	425	>JAK3-A127C LRKDLASDIL	963	538
>JAK3-A127C LRKDLASAIL	155	>JAK3-A127C LRKDLASDIL	436	281
>JAK3-A127C LRKDLASAI	406	>JAK3-A127C LRKDLASDI	1448	1042
>JAK3-A127C LRKDLASAIL	239	>JAK3-A127C LRKDLASDIL	1002	763
>JAK3-A127C GLRKDLASAI	404	>JAK3-A127C GLRKDLASDI	1724	1320
>JAK3-A127C GLRKDLASAI	284	>JAK3-A127C GLRKDLASDII	329	45
>JAK3-A127C GLRKDLASA	13	>JAK3-A127C GLRKDLASD	12594	12581
>JAK3-A127C GLRKDLASAI	278	>JAK3-A127C GLRKDLASDI	1014	736
>JAK3-A127C GLRKDLASAI	82	>JAK3-A127C GLRKDLASDII	335	253
>JAK3-A127C GLRKDLASAI	425	>JAK3-A127C GLRKDLASDI	2543	2118
>JAK3-A127C GLRKDLASA	378	>JAK3-A127C GLRKDLASD	20578	20200
>JAK3-A127C GLRKDLASAI	114	>JAK3-A127C GLRKDLASDI	871	757
>JAK3-A127C GLRKDLASAI	162	>JAK3-A127C GLRKDLASDII	386	224
>JAK3-A127C GLRKDLASA	30	>JAK3-A127C GLRKDLASD	15928	15898
>JAK3-A127C GLRKDLASAI	94	>JAK3-A127C GLRKDLASDI	146	52
>JAK3-A127C GLRKDLASAI	38	>JAK3-A127C GLRKDLASDII	126	88
>JAK3-A127C FGLRKDLASA	384	>JAK3-A127C FGLRKDLASD	1491	1107
>JAK3-A572V AASLMSQV	365	>JAK3-A572V VASLMSQV	520	155
>JAK3-A572V AASLMSQV	247	>JAK3-A572V VASLMSQV	285	38

>JAK3-A572V AASLMSQVS\	169	>JAK3-A572V VASLMSQVS\	618	449
>JAK3-A572V AASLMSQVS\	300	>JAK3-A572V VASLMSQVS\	631	331
>JAK3-A572V AASLMSQVS\	354	>JAK3-A572V VASLMSQVS\	426	72
>JAK3-A572V AASLMSQVS\	141	>JAK3-A572V VASLMSQVS\	121	20
>JAK3-A572V AASLMSQVS\	46	>JAK3-A572V VASLMSQVS\	65	19
>JAK3-A572V AASLMSQVS\	1889	>JAK3-A572V VASLMSQVS\	432	1457
>JAK3-A572V AASLMSQVS\	74	>JAK3-A572V VASLMSQVS\	54	20
>JAK3-A572V AASLMSQVS\	188	>JAK3-A572V VASLMSQVS\	271	83
>JAK3-A572V AASLMSQVS\	147	>JAK3-A572V VASLMSQVS\	210	63
>JAK3-A572V AASLMSQVS\	13	>JAK3-A572V VASLMSQVS\	15	2
>JAK3-A572V AASLMSQVS\	38	>JAK3-A572V VASLMSQVS\	42	4
>JAK3-A572V AASLMSQVS\	137	>JAK3-A572V VASLMSQVS\	343	206
>JAK3-A572V EAASLMSQV	1049	>JAK3-A572V EVASLMSQV	170	879
>JAK3-A572V EAASLMSQV	1292	>JAK3-A572V EVASLMSQV	153	1139
>JAK3-A572V EAASLMSQV	3622	>JAK3-A572V EVASLMSQV	183	3439
>JAK3-A572V EAASLMSQ	5045	>JAK3-A572V EVASLMSQ	252	4793
>JAK3-A572V EAASLMSQV	4296	>JAK3-A572V EVASLMSQV	216	4080
>JAK3-A572V EAASLMSQV!	79	>JAK3-A572V EVASLMSQV!	16	63
>JAK3-A572V EAASLMSQV	2815	>JAK3-A572V EVASLMSQV	121	2694
>JAK3-A572V EAASLMSQV!	69	>JAK3-A572V EVASLMSQV!	11	58
>JAK3-A572V EAASLMSQ	3027	>JAK3-A572V EVASLMSQ	111	2916
>JAK3-A572V EAASLMSQV	427	>JAK3-A572V EVASLMSQV	12	415
>JAK3-A572V EAASLMSQV!	20	>JAK3-A572V EVASLMSQV!	3	17
>JAK3-A572V EAASLMSQV!	2603	>JAK3-A572V EVASLMSQV!	283	2320
>JAK3-A572V EAASLMSQV!	1572	>JAK3-A572V EVASLMSQV!	211	1361
>JAK3-A572V EAASLMSQV!	239	>JAK3-A572V EVASLMSQV!	119	120
>JAK3-A572V EAASLMSQ	265	>JAK3-A572V EVASLMSQ	112	153
>JAK3-A572V EAASLMSQV!	42	>JAK3-A572V EVASLMSQV!	20	22
>JAK3-A572V EAASLMSQV	5	>JAK3-A572V EVASLMSQV	4	1
>JAK3-A572V EAASLMSQV	5	>JAK3-A572V EVASLMSQV	3	2
>JAK3-A572V EAASLMSQV!	538	>JAK3-A572V EVASLMSQV!	329	209
>JAK3-A572V EAASLMSQV!	347	>JAK3-A572V EVASLMSQV!	1176	829
>JAK3-A572V EAASLMSQV!	107	>JAK3-A572V EVASLMSQV!	1021	914
>JAK3-A572V EAASLMSQV!	25	>JAK3-A572V EVASLMSQV!	83	58
>JAK3-A572V EAASLMSQV	334	>JAK3-A572V EVASLMSQV	162	172
>JAK3-A572V EAASLMSQV!	423	>JAK3-A572V EVASLMSQV!	244	179
>JAK3-A572V EAASLMSQV!	208	>JAK3-A572V EVASLMSQV!	95	113
>JAK3-A572V HKNCMESFLI	381	>JAK3-A572V HKNCMESFLI	85	296
>JAK3-A572V LEAASLMSQ\	23	>JAK3-A572V LEVASLMSQ\	66	43
>JAK3-A572V LEAASLMSQ	331	>JAK3-A572V LEVASLMSQ	177	154
>JAK3-A572V LEAASLMSQ\	202	>JAK3-A572V LEVASLMSQ\	188	14
>JAK3-A572V LEAASLMSQ\	227	>JAK3-A572V LEVASLMSQ\	271	44
>JAK3-A572V FLEAASLM	377	>JAK3-A572V FLEVASLM	1394	1017

>JAK3-A572V FLEAASLMSC	23	>JAK3-A572V FLEVASLMSC	62	39
>JAK3-A572V FLEAASLM	16	>JAK3-A572V FLEVASLM	49	33
>JAK3-A572V FLEAASLMS	331	>JAK3-A572V FLEVASLMS	1767	1436
>JAK3-A572V FLEAASLMSC	3	>JAK3-A572V FLEVASLMSC	5	2
>JAK3-A572V FLEAASLM	245	>JAK3-A572V FLEVASLM	961	716
>JAK3-A572V FLEAASLMSC	5	>JAK3-A572V FLEVASLMSC	12	7
>JAK3-A572V FLEAASLMSC	17	>JAK3-A572V FLEVASLMSC	49	32
>JAK3-A572V FLEAASLM	458	>JAK3-A572V FLEVASLM	951	493
>JAK3-A572V FLEAASLMSC	4	>JAK3-A572V FLEVASLMSC	8	4
>JAK3-A572V FLEAASLMSC	7	>JAK3-A572V FLEVASLMSC	11	4
>JAK3-A572V FLEAASLMSC	10	>JAK3-A572V FLEVASLMSC	14	4
>JAK3-A572V FLEAASLMSC	23	>JAK3-A572V FLEVASLMSC	36	13
>JAK3-A572V FLEAASLM	20	>JAK3-A572V FLEVASLM	56	36
>JAK3-A572V FLEAASLMSC	16	>JAK3-A572V FLEVASLMSC	41	25
>JAK3-A572V FLEAASLMSC	2	>JAK3-A572V FLEVASLMSC	2	0
>JAK3-A572V FLEAASLMSC	242	>JAK3-A572V FLEVASLMSC	458	216
>JAK3-A572V FLEAASLM	201	>JAK3-A572V FLEVASLM	476	275
>JAK3-A572V SFLEAASL	261	>JAK3-A572V SFLEVASL	151	110
>JAK3-A572V SFLEAASL	837	>JAK3-A572V SFLEVASL	329	508
>JAK3-A572V SFLEAASL	1428	>JAK3-A572V SFLEVASL	310	1118
>JAK3-A572V SFLEAASL	80	>JAK3-A572V SFLEVASL	48	32
>JAK3-A572V SFLEAASLM	73	>JAK3-A572V SFLEVASLM	28	45
>JAK3-A572V SFLEAASL	265	>JAK3-A572V SFLEVASL	202	63
>JAK3-A572V SFLEAASLM	476	>JAK3-A572V SFLEVASLM	318	158
>JAK3-A572V ESFLEAASL	139	>JAK3-A572V ESFLEVASL	80	59
>JAK3-A572V ESFLEAASL	15	>JAK3-A572V ESFLEVASL	23	8
>JAK3-A572V ESFLEAASLM	17	>JAK3-A572V ESFLEVASLM	30	13
>JAK3-A572V ESFLEAASLM	138	>JAK3-A572V ESFLEVASLM	165	27
>JAK3-A572V MESFLEAASL	342	>JAK3-A572V MESFLEVASL	490	148
>JAK3-A572V MESFLEAASL	116	>JAK3-A572V MESFLEVASL	121	5
>JAK3-A572V MESFLEAASL	155	>JAK3-A572V MESFLEVASL	177	22
>JAK3-A572V MESFLEAASL	340	>JAK3-A572V MESFLEVASL	425	85
>JAK3-A572V MESFLEAASL	198	>JAK3-A572V MESFLEVASL	208	10
>JAK3-A572V MESFLEAASL	72	>JAK3-A572V MESFLEVASL	56	16
>JAK3-A572V MESFLEAA	369	>JAK3-A572V MESFLEVA	427	58
>JAK3-A572V MESFLEAASL	81	>JAK3-A572V MESFLEVASL	73	8
>JAK3-A572V MESFLEAASL	663	>JAK3-A572V MESFLEVASL	479	184
>JAK3-A572V MESFLEAASL	171	>JAK3-A572V MESFLEVASL	236	65
>JAK3-A572V MESFLEAASL	302	>JAK3-A572V MESFLEVASL	266	36
>JAK3-A572V MESFLEAA	9	>JAK3-A572V MESFLEVA	11	2
>JAK3-A572V MESFLEAAS	66	>JAK3-A572V MESFLEVAS	50	16
>JAK3-A572V MESFLEAASL	353	>JAK3-A572V MESFLEVASL	411	58
>JAK3-A572V MESFLEAASL	150	>JAK3-A572V MESFLEVASL	152	2



>JAK3-A572V MEFLEAASL	24	>JAK3-A572V MESFLEVASL	22	2
>JAK3-A572V MEFLEAASL	63	>JAK3-A572V MESFLEVASL	49	14
>JAK3-A572V CMESFLEA	1247	>JAK3-A572V CMESFLEV	110	1137
>JAK3-A572V CMESFLEA	465	>JAK3-A572V CMESFLEV	75	390
>JAK3-A572V CMESFLEAA	119	>JAK3-A572V CMESFLEVA	469	350
>JAK3-A572V CMESFLEAAS	77	>JAK3-A572V CMESFLEVAS	64	13
>JAK3-A572V CMESFLEA	1050	>JAK3-A572V CMESFLEV	204	846
>JAK3-A572V CMESFLEAAS	875	>JAK3-A572V CMESFLEVAS	472	403
>JAK3-A572V CMESFLEA	2240	>JAK3-A572V CMESFLEV	162	2078
>JAK3-A572V CMESFLEA	1315	>JAK3-A572V CMESFLEV	22	1293
>JAK3-A572V CMESFLEAA	375	>JAK3-A572V CMESFLEVA	939	564
>JAK3-A572V CMESFLEAAS	387	>JAK3-A572V CMESFLEVAS	202	185
>JAK3-A572V CMESFLEA	3025	>JAK3-A572V CMESFLEV	67	2958
>JAK3-A572V CMESFLEAAS	332	>JAK3-A572V CMESFLEVAS	252	80
>JAK3-A572V CMESFLEA	9790	>JAK3-A572V CMESFLEV	367	9423
>JAK3-A572V CMESFLEA	6742	>JAK3-A572V CMESFLEV	368	6374
>JAK3-A572V CMESFLEA	461	>JAK3-A572V CMESFLEV	6	455
>JAK3-A572V CMESFLEAAS	85	>JAK3-A572V CMESFLEVAS	57	28
>JAK3-A572V NCMESFLEA	4945	>JAK3-A572V NCMESFLEV	478	4467
>JAK3-A572V NCMESFLEA	3491	>JAK3-A572V NCMESFLEV	406	3085
>JAK3-A572V NCMESFLEA	2382	>JAK3-A572V NCMESFLEV	230	2152
>JAK3-A572V NCMESFLEA	1042	>JAK3-A572V NCMESFLEV	71	971
>JAK3-A572V NCMESFLEA	416	>JAK3-A572V NCMESFLEV	16	400
>JAK3-A572V NCMESFLEA/	415	>JAK3-A572V NCMESFLEV/	1572	1157
>JAK3-A572V KNCMESFLEA/	2283	>JAK3-A572V KNCMESFLEV	347	1936
>JAK3-A573V ASLMSQVSYF	280	>JAK3-A573V VSLMSQVSYF	850	570
>JAK3-A573V ASLMSQVSY	193	>JAK3-A573V VSLMSQVSY	738	545
>JAK3-A573V ASLMSQVSYF	39	>JAK3-A573V VSLMSQVSYF	118	79
>JAK3-A573V ASLMSQVSY	62	>JAK3-A573V VSLMSQVSY	42	20
>JAK3-A573V ASLMSQVSYF	14	>JAK3-A573V VSLMSQVSYF	27	13
>JAK3-A573V ASLMSQVSYF	261	>JAK3-A573V VSLMSQVSYF	171	90
>JAK3-A573V ASLMSQVSYF	40	>JAK3-A573V VSLMSQVSYF	61	21
>JAK3-A573V ASLMSQVSY	131	>JAK3-A573V VSLMSQVSY	176	45
>JAK3-A573V ASLMSQVSY	8	>JAK3-A573V VSLMSQVSY	8	0
>JAK3-A573V ASLMSQVSY	3	>JAK3-A573V VSLMSQVSY	3	0
>JAK3-A573V ASLMSQVSYF	242	>JAK3-A573V VSLMSQVSYF	224	18
>JAK3-A573V ASLMSQVSY	288	>JAK3-A573V VSLMSQVSY	58	230
>JAK3-A573V ASLMSQVSY	184	>JAK3-A573V VSLMSQVSY	114	70
>JAK3-A573V ASLMSQVSY	398	>JAK3-A573V VSLMSQVSY	2985	2587
>JAK3-A573V ASLMSQVSYF	89	>JAK3-A573V VSLMSQVSYF	494	405
>JAK3-A573V ASLMSQVSYF	280	>JAK3-A573V VSLMSQVSYF	2213	1933
>JAK3-A573V AASLMSQV	702	>JAK3-A573V AVSLMSQV	117	585
>JAK3-A573V AASLMSQV	365	>JAK3-A573V AVSLMSQV	46	319

>JAK3-A573V AASLMSQV	1439	>JAK3-A573V AVSLMSQV	228	1211
>JAK3-A573V AASLMSQV	247	>JAK3-A573V AVSLMSQV	15	232
>JAK3-A573V AASLMSQVS\	1387	>JAK3-A573V AVSLMSQVS\	269	1118
>JAK3-A573V AASLMSQVS\	169	>JAK3-A573V AVSLMSQVS\	58	111
>JAK3-A573V AASLMSQVS\	300	>JAK3-A573V AVSLMSQVS\	51	249
>JAK3-A573V AASLMSQVS\	354	>JAK3-A573V AVSLMSQVS\	222	132
>JAK3-A573V AASLMSQVS\	141	>JAK3-A573V AVSLMSQVS\	127	14
>JAK3-A573V AASLMSQVS\	46	>JAK3-A573V AVSLMSQVS\	25	21
>JAK3-A573V AASLMSQVS\	74	>JAK3-A573V AVSLMSQVS\	45	29
>JAK3-A573V AASLMSQV	1691	>JAK3-A573V AVSLMSQV	343	1348
>JAK3-A573V AASLMSQVS\	188	>JAK3-A573V AVSLMSQVS\	137	51
>JAK3-A573V AASLMSQVS\	147	>JAK3-A573V AVSLMSQVS\	692	545
>JAK3-A573V AASLMSQVS\	13	>JAK3-A573V AVSLMSQVS\	83	70
>JAK3-A573V AASLMSQVS\	38	>JAK3-A573V AVSLMSQVS\	30	8
>JAK3-A573V AASLMSQVS\	137	>JAK3-A573V AVSLMSQVS\	63	74
>JAK3-A573V EAASLMSQV!	79	>JAK3-A573V EAVSLMSQV!	143	64
>JAK3-A573V EAASLMSQV!	69	>JAK3-A573V EAVSLMSQV!	49	20
>JAK3-A573V EAASLMSQV	427	>JAK3-A573V EAVSLMSQV	69	358
>JAK3-A573V EAASLMSQV!	20	>JAK3-A573V EAVSLMSQV!	8	12
>JAK3-A573V EAASLMSQV!	2603	>JAK3-A573V EAVSLMSQV!	302	2301
>JAK3-A573V EAASLMSQV!	239	>JAK3-A573V EAVSLMSQV!	768	529
>JAK3-A573V EAASLMSQ	265	>JAK3-A573V EAVSLMSQ	605	340
>JAK3-A573V EAASLMSQV!	42	>JAK3-A573V EAVSLMSQV!	94	52
>JAK3-A573V EAASLMSQV	5	>JAK3-A573V EAVSLMSQV	8	3
>JAK3-A573V EAASLMSQV	5	>JAK3-A573V EAVSLMSQV	7	2
>JAK3-A573V EAASLMSQV!	347	>JAK3-A573V EAVSLMSQV!	267	80
>JAK3-A573V EAASLMSQV!	107	>JAK3-A573V EAVSLMSQV!	36	71
>JAK3-A573V EAASLMSQV!	25	>JAK3-A573V EAVSLMSQV!	27	2
>JAK3-A573V EAASLMSQV	334	>JAK3-A573V EAVSLMSQV	419	85
>JAK3-A573V EAASLMSQV!	423	>JAK3-A573V EAVSLMSQV!	493	70
>JAK3-A573V EAASLMSQV!	208	>JAK3-A573V EAVSLMSQV!	389	181
>JAK3-A573V LEAASLMSQ\	23	>JAK3-A573V LEAVSLMSQ\	16	7
>JAK3-A573V LEAASLMSQ	331	>JAK3-A573V LEAVSLMSQ	403	72
>JAK3-A573V LEAASLMSQ\	202	>JAK3-A573V LEAVSLMSQ\	261	59
>JAK3-A573V LEAASLMSQ\	227	>JAK3-A573V LEAVSLMSQ\	171	56
>JAK3-A573V FLEAASLM	377	>JAK3-A573V FLEAVSLM	140	237
>JAK3-A573V FLEAASLMSC	23	>JAK3-A573V FLEAVSLMSC	21	2
>JAK3-A573V FLEAASLM	16	>JAK3-A573V FLEAVSLM	12	4
>JAK3-A573V FLEAASLMS	331	>JAK3-A573V FLEAVSLMS	216	115
>JAK3-A573V FLEAASLMSC	3	>JAK3-A573V FLEAVSLMSC	3	0
>JAK3-A573V FLEAASLM	245	>JAK3-A573V FLEAVSLM	118	127
>JAK3-A573V FLEAASLMSC	5	>JAK3-A573V FLEAVSLMSC	5	0
>JAK3-A573V FLEAASLMSC	17	>JAK3-A573V FLEAVSLMSC	21	4

>JAK3-A573V FLEAASLM	458	>JAK3-A573V FLEAVSLM	70	388
>JAK3-A573V FLEAASLMSC	4	>JAK3-A573V FLEAVSLMSC	2	2
>JAK3-A573V FLEAASLM	607	>JAK3-A573V FLEAVSLM	346	261
>JAK3-A573V FLEAASLMSC	7	>JAK3-A573V FLEAVSLMSC	7	0
>JAK3-A573V FLEAASLMSC	10	>JAK3-A573V FLEAVSLMSC	9	1
>JAK3-A573V FLEAASLMSC	23	>JAK3-A573V FLEAVSLMSC	29	6
>JAK3-A573V FLEAASLM	20	>JAK3-A573V FLEAVSLM	15	5
>JAK3-A573V FLEAASLMSC	16	>JAK3-A573V FLEAVSLMSC	22	6
>JAK3-A573V FLEAASLMSC	2	>JAK3-A573V FLEAVSLMSC	2	0
>JAK3-A573V FLEAASLMSC	242	>JAK3-A573V FLEAVSLMSC	307	65
>JAK3-A573V FLEAASLM	201	>JAK3-A573V FLEAVSLM	377	176
>JAK3-A573V SFLEAASL	261	>JAK3-A573V SFLEAVSL	342	81
>JAK3-A573V SFLEAASL	80	>JAK3-A573V SFLEAVSL	32	48
>JAK3-A573V SFLEAASLM	73	>JAK3-A573V SFLEAVSLM	180	107
>JAK3-A573V SFLEAASL	265	>JAK3-A573V SFLEAVSL	234	31
>JAK3-A573V SFLEAASLM	476	>JAK3-A573V SFLEAVSLM	445	31
>JAK3-A573V ESFLEAASL	1206	>JAK3-A573V ESFLEAVSL	209	997
>JAK3-A573V ESFLEAASL	139	>JAK3-A573V ESFLEAVSL	192	53
>JAK3-A573V ESFLEAASL	15	>JAK3-A573V ESFLEAVSL	34	19
>JAK3-A573V ESFLEAASLM	17	>JAK3-A573V ESFLEAVSLM	27	10
>JAK3-A573V ESFLEAASLM	138	>JAK3-A573V ESFLEAVSLM	221	83
>JAK3-A573V MESFLEAA	4545	>JAK3-A573V MESFLEAV	332	4213
>JAK3-A573V MESFLEAASL	342	>JAK3-A573V MESFLEAVSL	445	103
>JAK3-A573V MESFLEAASL	116	>JAK3-A573V MESFLEAVSL	134	18
>JAK3-A573V MESFLEAA	3204	>JAK3-A573V MESFLEAV	488	2716
>JAK3-A573V MESFLEAA	570	>JAK3-A573V MESFLEAV	237	333
>JAK3-A573V MESFLEAASL	764	>JAK3-A573V MESFLEAVSL	467	297
>JAK3-A573V MESFLEAASL	155	>JAK3-A573V MESFLEAVSL	147	8
>JAK3-A573V MESFLEAASL	340	>JAK3-A573V MESFLEAVSL	296	44
>JAK3-A573V MESFLEAA	1680	>JAK3-A573V MESFLEAV	41	1639
>JAK3-A573V MESFLEAASL	198	>JAK3-A573V MESFLEAVSL	93	105
>JAK3-A573V MESFLEAASL	72	>JAK3-A573V MESFLEAVSL	116	44
>JAK3-A573V MESFLEAA	369	>JAK3-A573V MESFLEAV	346	23
>JAK3-A573V MESFLEAASL	81	>JAK3-A573V MESFLEAVSL	59	22
>JAK3-A573V MESFLEAASL	663	>JAK3-A573V MESFLEAVSL	382	281
>JAK3-A573V MESFLEAASL	171	>JAK3-A573V MESFLEAVSL	146	25
>JAK3-A573V MESFLEAASL	626	>JAK3-A573V MESFLEAVSL	464	162
>JAK3-A573V MESFLEAASL	302	>JAK3-A573V MESFLEAVSL	361	59
>JAK3-A573V MESFLEAA	9	>JAK3-A573V MESFLEAV	24	15
>JAK3-A573V MESFLEAAS	66	>JAK3-A573V MESFLEAVS	108	42
>JAK3-A573V MESFLEAASL	353	>JAK3-A573V MESFLEAVSL	269	84
>JAK3-A573V MESFLEAASL	150	>JAK3-A573V MESFLEAVSL	196	46
>JAK3-A573V MESFLEAA	11364	>JAK3-A573V MESFLEAV	441	10923

>JAK3-A573V MESHLEAASL	24	>JAK3-A573V MESHLEAVSL	15	9
>JAK3-A573V MESHLEAASL	63	>JAK3-A573V MESHLEAVSL	38	25
>JAK3-A573V CMESHLEAA	1675	>JAK3-A573V CMESHLEAV	124	1551
>JAK3-A573V CMESHLEAA	119	>JAK3-A573V CMESHLEAV	21	98
>JAK3-A573V CMESHLEAAS	77	>JAK3-A573V CMESHLEAVS	98	21
>JAK3-A573V CMESHLEAA	527	>JAK3-A573V CMESHLEAV	95	432
>JAK3-A573V CMESHLEAA	825	>JAK3-A573V CMESHLEAV	70	755
>JAK3-A573V CMESHLEAA	375	>JAK3-A573V CMESHLEAV	8	367
>JAK3-A573V CMESHLEAAS	387	>JAK3-A573V CMESHLEAVS	426	39
>JAK3-A573V CMESHLEAA	1392	>JAK3-A573V CMESHLEAV	21	1371
>JAK3-A573V CMESHLEAAS	332	>JAK3-A573V CMESHLEAVS	462	130
>JAK3-A573V CMESHLEAA	4319	>JAK3-A573V CMESHLEAV	114	4205
>JAK3-A573V CMESHLEAA	1322	>JAK3-A573V CMESHLEAV	9	1313
>JAK3-A573V CMESHLEAAS	85	>JAK3-A573V CMESHLEAVS	103	18
>JAK3-A573V NCMESHLEA/	2417	>JAK3-A573V NCMESHLEA\	300	2117
>JAK3-A573V NCMESHLEA/	1295	>JAK3-A573V NCMESHLEA\	251	1044
>JAK3-A573V NCMESHLEA/	1403	>JAK3-A573V NCMESHLEA\	227	1176
>JAK3-A573V NCMESHLEA/	777	>JAK3-A573V NCMESHLEA\	148	629
>JAK3-A573V NCMESHLEA/	8209	>JAK3-A573V NCMESHLEA\	415	7794
>JAK3-A573V NCMESHLEA/	3271	>JAK3-A573V NCMESHLEA\	482	2789
>JAK3-A573V NCMESHLEA/	415	>JAK3-A573V NCMESHLEA\	16	399
>JAK3-A593T MAGDSTMV	975	>JAK3-A593T MTGDSTMV	323	652
>JAK3-A593T MAGDSTMV	214	>JAK3-A593T MTGDSTMV	71	143
>JAK3-A593T MAGDSTMV	195	>JAK3-A593T MTGDSTMV	63	132
>JAK3-A593T MAGDSTMV	206	>JAK3-A593T MTGDSTMV	141	65
>JAK3-A593T MAGDSTMV	106	>JAK3-A593T MTGDSTMV	28	78
>JAK3-A593T MAGDSTMV	565	>JAK3-A593T MTGDSTMV	115	450
>JAK3-A593T MAGDSTMV	14	>JAK3-A593T MTGDSTMV	11	3
>JAK3-A593T MAGDSTMV(	1023	>JAK3-A593T MTGDSTMV(	244	779
>JAK3-A593T MAGDSTMV(	6321	>JAK3-A593T MTGDSTMV(	230	6091
>JAK3-A593T MAGDSTMV(	1639	>JAK3-A593T MTGDSTMV(	415	1224
>JAK3-A593T MAGDSTMV	54	>JAK3-A593T MTGDSTMV	13	41
>JAK3-A593T MAGDSTMV	43	>JAK3-A593T MTGDSTMV	11	32
>JAK3-A593T MAGDSTMV(	127	>JAK3-A593T MTGDSTMV(	94	33
>JAK3-A593T MAGDSTMV(	47	>JAK3-A593T MTGDSTMV(	75	28
>JAK3-A593T MAGDSTMV	5204	>JAK3-A593T MTGDSTMV	492	4712
>JAK3-A593T MAGDSTMV(	12	>JAK3-A593T MTGDSTMV(	4	8
>JAK3-A593T MAGDSTMV(	24	>JAK3-A593T MTGDSTMV(	340	316
>JAK3-A593T MAGDSTMV(	261	>JAK3-A593T MTGDSTMV(	854	593
>JAK3-A593T MAGDSTMV(	82	>JAK3-A593T MTGDSTMV(	69	13
>JAK3-A593T MAGDSTMV(	2383	>JAK3-A593T MTGDSTMV(	139	2244
>JAK3-A593T HLVLLHGVCN	241	>JAK3-A593T HLVLLHGVCN	1696	1455
>JAK3-A593T HLVLLHGVCN	438	>JAK3-A593T HLVLLHGVCN	2333	1895

>JAK3-A593T HLVLLHGVCN	178	>JAK3-A593T HLVLLHGVCN	1215	1037
>JAK3-A593T CMAGDSTM\	58	>JAK3-A593T CMTGDSTM\	265	207
>JAK3-A593T CMAGDSTM	315	>JAK3-A593T CMTGDSTM	2086	1771
>JAK3-A593T CMAGDSTM\	7	>JAK3-A593T CMTGDSTM\	35	28
>JAK3-A593T CMAGDSTM	319	>JAK3-A593T CMTGDSTM	2293	1974
>JAK3-A593T CMAGDSTM\	5	>JAK3-A593T CMTGDSTM\	23	18
>JAK3-A593T CMAGDSTM\	112	>JAK3-A593T CMTGDSTM\	374	262
>JAK3-A593T CMAGDSTM\	8	>JAK3-A593T CMTGDSTM\	15	7
>JAK3-A593T CMAGDSTM\	44	>JAK3-A593T CMTGDSTM\	69	25
>JAK3-A593T CMAGDSTM\	13	>JAK3-A593T CMTGDSTM\	19	6
>JAK3-A593T CMAGDSTM	307	>JAK3-A593T CMTGDSTM	2277	1970
>JAK3-A593T CMAGDSTM\	3	>JAK3-A593T CMTGDSTM\	16	13
>JAK3-A593T CMAGDSTM	224	>JAK3-A593T CMTGDSTM	279	55
>JAK3-A593T CMAGDSTM\	3	>JAK3-A593T CMTGDSTM\	3	0
>JAK3-A593T CMAGDSTM	297	>JAK3-A593T CMTGDSTM	2798	2501
>JAK3-A593T CMAGDSTM	138	>JAK3-A593T CMTGDSTM	283	145
>JAK3-A593T VCMAGDSTM	437	>JAK3-A593T VCMTGDSTM	901	464
>JAK3-A593T VCMAGDSTM	267	>JAK3-A593T VCMTGDSTM	353	86
>JAK3-A593T VCMAGDSTM	17	>JAK3-A593T VCMTGDSTM	13	4
>JAK3-A593T GVCMAGDST	583	>JAK3-A593T GVCMTGDST	339	244
>JAK3-A593T GVCMAGDST	160	>JAK3-A593T GVCMTGDST	159	1
>JAK3-A593T HGVCMAGD\$	54	>JAK3-A593T HGVCMTGD\$	45	9
>JAK3-A593T HGVCMAGD\$	109	>JAK3-A593T HGVCMTGD\$	156	47
>JAK3-A593T LLHGVCMA	311	>JAK3-A593T LLHGVCMT	2518	2207
>JAK3-A593T LLHGVCMA	136	>JAK3-A593T LLHGVCMT	907	771
>JAK3-A593T LLHGVCMA	24	>JAK3-A593T LLHGVCMT	330	306
>JAK3-A593T LLHGVCMA	8	>JAK3-A593T LLHGVCMT	39	31
>JAK3-A593T LLHGVCMA	44	>JAK3-A593T LLHGVCMT	504	460
>JAK3-A593T LLHGVCMA	4	>JAK3-A593T LLHGVCMT	12	8
>JAK3-A593T VLLHGVCMA	69	>JAK3-A593T VLLHGVCMT	665	596
>JAK3-A593T VLLHGVCMA	50	>JAK3-A593T VLLHGVCMT	709	659
>JAK3-A593T VLLHGVCMA	75	>JAK3-A593T VLLHGVCMT	557	482
>JAK3-A593T VLLHGVCMA	3	>JAK3-A593T VLLHGVCMT	10	7
>JAK3-A593T VLLHGVCMA	514	>JAK3-A593T VLLHGVCMT	370	144
>JAK3-A593T VLLHGVCMA	42	>JAK3-A593T VLLHGVCMT	594	552
>JAK3-A593T VLLHGVCMA	7	>JAK3-A593T VLLHGVCMT	24	17
>JAK3-A593T VLLHGVCMA	21	>JAK3-A593T VLLHGVCMT	154	133
>JAK3-A593T VLLHGVCMA	5	>JAK3-A593T VLLHGVCMT	15	10
>JAK3-G1101 GSRGCETHA	2449	>JAK3-G1101 RSRGCETHA	32	2417
>JAK3-G1101 GSRGCETHAF	6710	>JAK3-G1101 RSRGCETHAF	259	6451
>JAK3-G1101 GSRGCETHAF	464	>JAK3-G1101 RSRGCETHAF	32	432
>JAK3-G1101 GSRGCETHAF	2519	>JAK3-G1101 RSRGCETHAF	129	2390
>JAK3-G1101 GSRGCETHAF	231	>JAK3-G1101 RSRGCETHAF	74	157

>JAK3-G1101GSRGCETHAF	125	>JAK3-G1101RSRGCETHAF	12	113
>JAK3-G1101GSRGCETH	3010	>JAK3-G1101RSRGCETH	62	2948
>JAK3-G1101GSRGCETHAF	11	>JAK3-G1101RSRGCETHAF	3	8
>JAK3-G1101GSRGCETHAF	3930	>JAK3-G1101RSRGCETHAF	176	3754
>JAK3-G1101GSRGCETHAF	1311	>JAK3-G1101RSRGCETHAF	104	1207
>JAK3-G1101GSRGCETHAF	9193	>JAK3-G1101RSRGCETHAF	197	8996
>JAK3-G1101GSRGCETHAF	1366	>JAK3-G1101RSRGCETHAF	267	1099
>JAK3-G1101SGSRGCETHA	448	>JAK3-G1101SRSRGCETHA	8468	8020
>JAK3-G1101SGSRGCETHA	601	>JAK3-G1101SRSRGCETHA	22	579
>JAK3-G1101LGPQLDMLW	35026	>JAK3-G1101LGPQLDMLW	231	34795
>JAK3-G1101LWSGSRGC	306	>JAK3-G1101LWSRSRGC	321	15
>JAK3-G1101LWSGSRGCE	397	>JAK3-G1101LWSRSRGC	441	44
>JAK3-G1101LWSGSRGCE	287	>JAK3-G1101LWSRSRGC	312	25
>JAK3-G1101MLWSGSRGC	84	>JAK3-G1101MLWSRSRGC	118	34
>JAK3-G1101MLWSGSRG	239	>JAK3-G1101MLWSRSRGC	1100	861
>JAK3-G1101MLWSGSRGC	11	>JAK3-G1101MLWSRSRGC	22	11
>JAK3-G1101MLWSGSRGC	10	>JAK3-G1101MLWSRSRGC	16	6
>JAK3-G1101MLWSGSRGC	455	>JAK3-G1101MLWSRSRGC	967	512
>JAK3-G1101MLWSGSRGC	491	>JAK3-G1101MLWSRSRGC	1626	1135
>JAK3-G1101MLWSGSRGC	50	>JAK3-G1101MLWSRSRGC	116	66
>JAK3-G1101MLWSGSRGC	112	>JAK3-G1101MLWSRSRGC	650	538
>JAK3-G1101MLWSGSRGC	244	>JAK3-G1101MLWSRSRGC	770	526
>JAK3-G1101MLWSGSRGC	41	>JAK3-G1101MLWSRSRGC	83	42
>JAK3-G1101MLWSGSRGC	11	>JAK3-G1101MLWSRSRGC	17	6
>JAK3-G1101DMLWSGSR	914	>JAK3-G1101DMLWSRSR	394	520
>JAK3-G1101DMLWSGSR	24	>JAK3-G1101DMLWSRSR	18	6
>JAK3-G1101DMLWSGSR	166	>JAK3-G1101DMLWSRSR	157	9
>JAK3-G1101DMLWSGSR	517	>JAK3-G1101DMLWSRSR	329	188
>JAK3-G1101QLDMLWSG	1632	>JAK3-G1101QLDMLWSRS	469	1163
>JAK3-G1101PQLDMLWSC	30950	>JAK3-G1101PQLDMLWSR	318	30632
>JAK3-G62S-I GILPVYHSL	110	>JAK3-G62S-I SILPVYHSL	56	54
>JAK3-G62S-I GILPVYHSLFA	253	>JAK3-G62S-I SILPVYHSLFA	112	141
>JAK3-G62S-I GILPVYHSL	86	>JAK3-G62S-I SILPVYHSL	75	11
>JAK3-G62S-I GILPVYHSLFA	623	>JAK3-G62S-I SILPVYHSLFA	470	153
>JAK3-G62S-I GILPVYHSL	376	>JAK3-G62S-I SILPVYHSL	273	103
>JAK3-G62S-I GILPVYHSLFA	450	>JAK3-G62S-I SILPVYHSLFA	339	111
>JAK3-G62S-I GILPVYHSL	21	>JAK3-G62S-I SILPVYHSL	13	8
>JAK3-G62S-I GILPVYHSLFA	32	>JAK3-G62S-I SILPVYHSLFA	20	12
>JAK3-G62S-I GILPVYHSL	10	>JAK3-G62S-I SILPVYHSL	6	4
>JAK3-G62S-I GILPVYHSLFA	103	>JAK3-G62S-I SILPVYHSLFA	45	58
>JAK3-G62S-I GILPVYHSL	43	>JAK3-G62S-I SILPVYHSL	78	35
>JAK3-G62S-I GILPVYHSL	17	>JAK3-G62S-I SILPVYHSL	11	6
>JAK3-G62S-I GILPVYHSLFA	72	>JAK3-G62S-I SILPVYHSLFA	36	36

>JAK3-G62S- <sup>1</sup> GILPVYHSL	327	>JAK3-G62S- <sup>1</sup> SILPVYHSL	174	153
>JAK3-G62S- <sup>1</sup> GILPVYHSL	7	>JAK3-G62S- <sup>1</sup> SILPVYHSL	5	2
>JAK3-G62S- <sup>1</sup> GILPVYHSLFA	398	>JAK3-G62S- <sup>1</sup> SILPVYHSLFA	171	227
>JAK3-G62S- <sup>1</sup> GILPVYHSLF	1471	>JAK3-G62S- <sup>1</sup> SILPVYHSLF	485	986
>JAK3-G62S- <sup>1</sup> GILPVYHSL	889	>JAK3-G62S- <sup>1</sup> SILPVYHSL	338	551
>JAK3-G62S- <sup>1</sup> GILPVYHSLF	541	>JAK3-G62S- <sup>1</sup> SILPVYHSLF	271	270
>JAK3-G62S- <sup>1</sup> GILPVYHSLFA	583	>JAK3-G62S- <sup>1</sup> SILPVYHSLFA	94	489
>JAK3-G62S- <sup>1</sup> GILPVYHSL	4457	>JAK3-G62S- <sup>1</sup> SILPVYHSL	207	4250
>JAK3-G62S- <sup>1</sup> GILPVYHSL	1314	>JAK3-G62S- <sup>1</sup> SILPVYHSL	21	1293
>JAK3-G62S- <sup>1</sup> GILPVYHSLFA	5130	>JAK3-G62S- <sup>1</sup> SILPVYHSLFA	131	4999
>JAK3-G62S- <sup>1</sup> GILPVYHSLF	608	>JAK3-G62S- <sup>1</sup> SILPVYHSLF	203	405
>JAK3-G62S- <sup>1</sup> GILPVYHSL	2227	>JAK3-G62S- <sup>1</sup> SILPVYHSL	354	1873
>JAK3-G62S- <sup>1</sup> SGILPVYHSLF	1062	>JAK3-G62S- <sup>1</sup> SSILPVYHSLF	333	729
>JAK3-G62S- <sup>1</sup> SGILPVYH	10347	>JAK3-G62S- <sup>1</sup> SSILPVYH	473	9874
>JAK3-G62S- <sup>1</sup> SGILPVYHSL	16483	>JAK3-G62S- <sup>1</sup> SSILPVYHSL	138	16345
>JAK3-G62S- <sup>1</sup> SGILPVYHSLF	7560	>JAK3-G62S- <sup>1</sup> SSILPVYHSLF	32	7528
>JAK3-G62S- <sup>1</sup> SGILPVYHSL	7087	>JAK3-G62S- <sup>1</sup> SSILPVYHSL	292	6795
>JAK3-G62S- <sup>1</sup> SGILPVYHSLF	1774	>JAK3-G62S- <sup>1</sup> SSILPVYHSLF	297	1477
>JAK3-G62S- <sup>1</sup> SGILPVYHSLF	1085	>JAK3-G62S- <sup>1</sup> SSILPVYHSLF	56	1029
>JAK3-G62S- <sup>1</sup> SGILPVYHSL	6725	>JAK3-G62S- <sup>1</sup> SSILPVYHSL	23	6702
>JAK3-G62S- <sup>1</sup> SGILPVYHSLF	720	>JAK3-G62S- <sup>1</sup> SSILPVYHSLF	4	716
>JAK3-G62S- <sup>1</sup> SGILPVYHSLF	8004	>JAK3-G62S- <sup>1</sup> SSILPVYHSLF	186	7818
>JAK3-G62S- <sup>1</sup> SGILPVYHSL	4654	>JAK3-G62S- <sup>1</sup> SSILPVYHSL	191	4463
>JAK3-G62S- <sup>1</sup> SGILPVYHSLF	3345	>JAK3-G62S- <sup>1</sup> SSILPVYHSLF	142	3203
>JAK3-G62S- <sup>1</sup> SGILPVYHSLF	73	>JAK3-G62S- <sup>1</sup> SSILPVYHSLF	12	61
>JAK3-G62S- <sup>1</sup> ASGILPVY	1346	>JAK3-G62S- <sup>1</sup> ASSILPVY	229	1117
>JAK3-G62S- <sup>1</sup> ASGILPVYHSL	2278	>JAK3-G62S- <sup>1</sup> ASSILPVYHSL	496	1782
>JAK3-G62S- <sup>1</sup> ASGILPVY	770	>JAK3-G62S- <sup>1</sup> ASSILPVY	498	272
>JAK3-G62S- <sup>1</sup> ASGILPVY	66	>JAK3-G62S- <sup>1</sup> ASSILPVY	28	38
>JAK3-G62S- <sup>1</sup> ASGILPVY	428	>JAK3-G62S- <sup>1</sup> ASSILPVY	307	121
>JAK3-G62S- <sup>1</sup> ASGILPVY	2265	>JAK3-G62S- <sup>1</sup> ASSILPVY	449	1816
>JAK3-G62S- <sup>1</sup> ASGILPVY	24	>JAK3-G62S- <sup>1</sup> ASSILPVY	7	17
>JAK3-G62S- <sup>1</sup> ASGILPVYHSL	174	>JAK3-G62S- <sup>1</sup> ASSILPVYHSL	28	146
>JAK3-G62S- <sup>1</sup> ASGILPVY	2866	>JAK3-G62S- <sup>1</sup> ASSILPVY	472	2394
>JAK3-G62S- <sup>1</sup> ASGILPVYHSL	787	>JAK3-G62S- <sup>1</sup> ASSILPVYHSL	206	581
>JAK3-G62S- <sup>1</sup> ASGILPVY	756	>JAK3-G62S- <sup>1</sup> ASSILPVY	260	496
>JAK3-G62S- <sup>1</sup> ASGILPVYH	437	>JAK3-G62S- <sup>1</sup> ASSILPVYH	203	234
>JAK3-G62S- <sup>1</sup> KASGILPV	144	>JAK3-G62S- <sup>1</sup> KASSILPV	108	36
>JAK3-G62S- <sup>1</sup> KASGILPV	114	>JAK3-G62S- <sup>1</sup> KASSILPV	96	18
>JAK3-G62S- <sup>1</sup> KASGILPV	71	>JAK3-G62S- <sup>1</sup> KASSILPV	50	21
>JAK3-G62S- <sup>1</sup> KASGILPV	18	>JAK3-G62S- <sup>1</sup> KASSILPV	23	5
>JAK3-G62S- <sup>1</sup> KASGILPV	126	>JAK3-G62S- <sup>1</sup> KASSILPV	254	128
>JAK3-G62S- <sup>1</sup> KASGILPV	231	>JAK3-G62S- <sup>1</sup> KASSILPV	473	242

>JAK3-G62S- <sup>-1</sup> KASGILPV	83	>JAK3-G62S- <sup>-1</sup> KASSILPV	335	252
>JAK3-G62S- <sup>-1</sup> KASGILPVY	379	>JAK3-G62S- <sup>-1</sup> KASSILPVY	488	109
>JAK3-G62S- <sup>-1</sup> KASGILPV	511	>JAK3-G62S- <sup>-1</sup> KASSILPV	315	196
>JAK3-G62S- <sup>-1</sup> KASGILPVY	10	>JAK3-G62S- <sup>-1</sup> KASSILPVY	6	4
>JAK3-G62S- <sup>-1</sup> KASGILPVY	318	>JAK3-G62S- <sup>-1</sup> KASSILPVY	224	94
>JAK3-G62S- <sup>-1</sup> KASGILPVY	1492	>JAK3-G62S- <sup>-1</sup> KASSILPVY	199	1293
>JAK3-G62S- <sup>-1</sup> KASGILPVY	26	>JAK3-G62S- <sup>-1</sup> KASSILPVY	35	9
>JAK3-G62S- <sup>-1</sup> KASGILPVY	228	>JAK3-G62S- <sup>-1</sup> KASSILPVY	220	8
>JAK3-G62S- <sup>-1</sup> KASGILPVY	352	>JAK3-G62S- <sup>-1</sup> KASSILPVY	819	467
>JAK3-G62S- <sup>-1</sup> KASGILPVY	24	>JAK3-G62S- <sup>-1</sup> KASSILPVY	24	0
>JAK3-G62S- <sup>-1</sup> KASGILPVY	72	>JAK3-G62S- <sup>-1</sup> KASSILPVY	33	39
>JAK3-G62S- <sup>-1</sup> KASGILPVY	1482	>JAK3-G62S- <sup>-1</sup> KASSILPVY	463	1019
>JAK3-G62S- <sup>-1</sup> AKASGILPV	263	>JAK3-G62S- <sup>-1</sup> AKASSILPV	565	302
>JAK3-G62S- <sup>-1</sup> AKASGILPVY	494	>JAK3-G62S- <sup>-1</sup> AKASSILPVY	670	176
>JAK3-G62S- <sup>-1</sup> AKASGILPV	21	>JAK3-G62S- <sup>-1</sup> AKASSILPV	7	14
>JAK3-G62S- <sup>-1</sup> AKASGILPVY	8	>JAK3-G62S- <sup>-1</sup> AKASSILPVY	4	4
>JAK3-G62S- <sup>-1</sup> AKASGILPVY <sup>†</sup>	199	>JAK3-G62S- <sup>-1</sup> AKASSILPVY <sup>†</sup>	85	114
>JAK3-G62S- <sup>-1</sup> AAKASGILPV	69	>JAK3-G62S- <sup>-1</sup> AAKASSILPV	64	5
>JAK3-G62S- <sup>-1</sup> AAKASGILPV	455	>JAK3-G62S- <sup>-1</sup> AAKASSILPV	512	57
>JAK3-G62S- <sup>-1</sup> AAKASGIL	139	>JAK3-G62S- <sup>-1</sup> AAKASSIL	64	75
>JAK3-G62S- <sup>-1</sup> AAKASGILP	501	>JAK3-G62S- <sup>-1</sup> AAKASSILP	118	383
>JAK3-G62S- <sup>-1</sup> AAKASGILPV	17	>JAK3-G62S- <sup>-1</sup> AAKASSILPV	10	7
>JAK3-G62S- <sup>-1</sup> AAKASGILPV <sup>†</sup>	110	>JAK3-G62S- <sup>-1</sup> AAKASSILPV <sup>†</sup>	54	56
>JAK3-G62S- <sup>-1</sup> AAKASGILPV <sup>†</sup>	136	>JAK3-G62S- <sup>-1</sup> AAKASSILPV <sup>†</sup>	102	34
>JAK3-G62S- <sup>-1</sup> AAKASGILPV <sup>†</sup>	93	>JAK3-G62S- <sup>-1</sup> AAKASSILPV <sup>†</sup>	77	16
>JAK3-G62S- <sup>-1</sup> AAKASGIL	1359	>JAK3-G62S- <sup>-1</sup> AAKASSIL	229	1130
>JAK3-G62S- <sup>-1</sup> AAKASGILPV	399	>JAK3-G62S- <sup>-1</sup> AAKASSILPV	235	164
>JAK3-G62S- <sup>-1</sup> AAKASGILPV <sup>†</sup>	114	>JAK3-G62S- <sup>-1</sup> AAKASSILPV <sup>†</sup>	79	35
>JAK3-G62S- <sup>-1</sup> AAKASGIL	289	>JAK3-G62S- <sup>-1</sup> AAKASSIL	76	213
>JAK3-G62S- <sup>-1</sup> AAKASGILPV	774	>JAK3-G62S- <sup>-1</sup> AAKASSILPV	424	350
>JAK3-G62S- <sup>-1</sup> AAKASGILPV <sup>†</sup>	17	>JAK3-G62S- <sup>-1</sup> AAKASSILPV <sup>†</sup>	16	1
>JAK3-G62S- <sup>-1</sup> AAKASGILPV <sup>†</sup>	380	>JAK3-G62S- <sup>-1</sup> AAKASSILPV <sup>†</sup>	386	6
>JAK3-G62S- <sup>-1</sup> QAAKASGILP	486	>JAK3-G62S- <sup>-1</sup> QAAKASSILP <sup>†</sup>	347	139
>JAK3-G62S- <sup>-1</sup> QAAKASGILP	177	>JAK3-G62S- <sup>-1</sup> QAAKASSILP <sup>†</sup>	151	26
>JAK3-G62S- <sup>-1</sup> QAAKASGI	130	>JAK3-G62S- <sup>-1</sup> QAAKASSI	167	37
>JAK3-G62S- <sup>-1</sup> QAAKASGILP	25	>JAK3-G62S- <sup>-1</sup> QAAKASSILP <sup>†</sup>	22	3
>JAK3-G62S- <sup>-1</sup> QAAKASGILP	34	>JAK3-G62S- <sup>-1</sup> QAAKASSILP <sup>†</sup>	33	1
>JAK3-G62S- <sup>-1</sup> QAAKASGIL	1852	>JAK3-G62S- <sup>-1</sup> QAAKASSIL	165	1687
>JAK3-G62S- <sup>-1</sup> QAAKASGI	142	>JAK3-G62S- <sup>-1</sup> QAAKASSI	54	88
>JAK3-G62S- <sup>-1</sup> VQAAKASGI	78	>JAK3-G62S- <sup>-1</sup> VQAAKASSI	66	12
>JAK3-G62S- <sup>-1</sup> VQAAKASGI	77	>JAK3-G62S- <sup>-1</sup> VQAAKASSI	70	7
>JAK3-G62S- <sup>-1</sup> VQAAKASGI	1832	>JAK3-G62S- <sup>-1</sup> VQAAKASSI	407	1425
>JAK3-G62S- <sup>-1</sup> VQAAKASGIL	607	>JAK3-G62S- <sup>-1</sup> VQAAKASSIL	261	346



>JAK3-G62S-VQAAKASGI	578	>JAK3-G62S-VQAAKASSI	73	505
>JAK3-G62S-VQAAKASGIL	466	>JAK3-G62S-VQAAKASSIL	45	421
>JAK3-G62S-VQAAKASGIL	356	>JAK3-G62S-VQAAKASSIL	80	276
>JAK3-G62S-CVQAAKASGI	123	>JAK3-G62S-CVQAAKASSI	84	39
>JAK3-G62S-LCVQAAKASC	1335	>JAK3-G62S-LCVQAAKASS	474	861
>JAK3-I87T-v HIFSVEDAST	468	>JAK3-I87T-n HTFSVEDAST	952	484
>JAK3-I87T-v HIFSVEDASTC	195	>JAK3-I87T-n HTFSVEDAST	27	168
>JAK3-I87T-v HIFSVEDA	272	>JAK3-I87T-n HTFSVEDA	32	240
>JAK3-I87T-v HIFSVEDAS	1662	>JAK3-I87T-n HTFSVEDAS	175	1487
>JAK3-I87T-v HIFSVEDASTC	1302	>JAK3-I87T-n HTFSVEDAST	48	1254
>JAK3-I87T-v DLSCWFPPSH	170	>JAK3-I87T-n DLSCWFPPSH	3813	3643
>JAK3-I87T-v DLSCWFPPSH	268	>JAK3-I87T-n DLSCWFPPSH	5527	5259
>JAK3-I87T-v DLSCWFPPSH	439	>JAK3-I87T-n DLSCWFPPSH	6803	6364
>JAK3-I87T-v DLSCWFPPSH	167	>JAK3-I87T-n DLSCWFPPSH	2394	2227
>JAK3-I87T-v FPPSHIFSV	37	>JAK3-I87T-n FPPSHTFSV	41	4
>JAK3-I87T-v FPPSHIFSV	80	>JAK3-I87T-n FPPSHTFSV	211	131
>JAK3-I87T-v FPPSHIFSV	361	>JAK3-I87T-n FPPSHTFSV	1582	1221
>JAK3-I87T-v FPPSHIFSV	359	>JAK3-I87T-n FPPSHTFSV	353	6
>JAK3-I87T-v FPPSHIFSV	271	>JAK3-I87T-n FPPSHTFSV	152	119
>JAK3-I87T-v FPPSHIFSV	349	>JAK3-I87T-n FPPSHTFSV	64	285
>JAK3-I87T-v FPPSHIFSV	567	>JAK3-I87T-n FPPSHTFSV	478	89
>JAK3-I87T-v FPPSHIFSV	1276	>JAK3-I87T-n FPPSHTFSV	223	1053
>JAK3-I87T-v FPPSHIFSV	165	>JAK3-I87T-n FPPSHTFSV	165	0
>JAK3-I87T-v FPPSHIFSV	470	>JAK3-I87T-n FPPSHTFSV	426	44
>JAK3-I87T-v FPPSHIFS	313	>JAK3-I87T-n FPPSHTFS	447	134
>JAK3-I87T-v FPPSHIFSV	12	>JAK3-I87T-n FPPSHTFSV	13	1
>JAK3-I87T-v FPPSHIFSV	292	>JAK3-I87T-n FPPSHTFSVE	406	114
>JAK3-I87T-v FPPSHIFSV	32	>JAK3-I87T-n FPPSHTFSV	126	94
>JAK3-I87T-v FPPSHIFSV	397	>JAK3-I87T-n FPPSHTFSV	387	10
>JAK3-I87T-v WFPPSHIFSV	337	>JAK3-I87T-n WFPPSHTFSV	1046	709
>JAK3-I87T-v WFPPSHIFSV	63	>JAK3-I87T-n WFPPSHTFSV	97	34
>JAK3-I87T-v WFPPSHIF	76	>JAK3-I87T-n WFPPSHTF	42	34
>JAK3-I87T-v WFPPSHIF	158	>JAK3-I87T-n WFPPSHTF	80	78
>JAK3-I87T-v WFPPSHIF	5	>JAK3-I87T-n WFPPSHTF	4	1
>JAK3-I87T-v WFPPSHIFSV	80	>JAK3-I87T-n WFPPSHTFSV	95	15
>JAK3-I87T-v WFPPSHIF	413	>JAK3-I87T-n WFPPSHTF	273	140
>JAK3-I87T-v WFPPSHIF	950	>JAK3-I87T-n WFPPSHTF	387	563
>JAK3-I87T-v WFPPSHIF	93	>JAK3-I87T-n WFPPSHTF	386	293
>JAK3-I87T-v WFPPSHIFSV	373	>JAK3-I87T-n WFPPSHTFSV	1040	667
>JAK3-I87T-v WFPPSHIFSV	452	>JAK3-I87T-n WFPPSHTFSV	2627	2175
>JAK3-I87T-v CWFPPSHIFS	289	>JAK3-I87T-n CWFPPSHTFS	249	40
>JAK3-I87T-v CWFPPSHIFS	169	>JAK3-I87T-n CWFPPSHTFS	218	49
>JAK3-I87T-v CWFPPSHI	317	>JAK3-I87T-n CWFPPSHT	22108	21791

>JAK3-I87T-v CWFPPSHIF	30	>JAK3-I87T-n CWFPPSHTF	18	12
>JAK3-I87T-v CWFPPSHIF	227	>JAK3-I87T-n CWFPPSHTF	82	145
>JAK3-I87T-v CWFPPSHI	32	>JAK3-I87T-n CWFPPSHT	4390	4358
>JAK3-I87T-v CWFPPSHIF	6	>JAK3-I87T-n CWFPPSHTF	4	2
>JAK3-I87T-v CWFPPSHIFS'	162	>JAK3-I87T-n CWFPPSHTFS	109	53
>JAK3-I87T-v CWFPPSHIF	108	>JAK3-I87T-n CWFPPSHTF	71	37
>JAK3-I87T-v CWFPPSHI	150	>JAK3-I87T-n CWFPPSHT	364	214
>JAK3-I87T-v CWFPPSHIF	116	>JAK3-I87T-n CWFPPSHTF	76	40
>JAK3-I87T-v CWFPPSHIFS	194	>JAK3-I87T-n CWFPPSHTFS	188	6
>JAK3-I87T-v CWFPPSHIFS'	69	>JAK3-I87T-n CWFPPSHTFS	80	11
>JAK3-I87T-v CWFPPSHI	181	>JAK3-I87T-n CWFPPSHT	32194	32013
>JAK3-I87T-v SCWFPPSHIF	583	>JAK3-I87T-n SCWFPPSHTF	81	502
>JAK3-I87T-v SCWFPPSHIF	111	>JAK3-I87T-n SCWFPPSHTF	116	5
>JAK3-I87T-v SCWFPPSHI	45	>JAK3-I87T-n SCWFPPSHT	21606	21561
>JAK3-I87T-v LSCWFPPSHI	615	>JAK3-I87T-n LSCWFPPSHT	100	515
>JAK3-I87T-v LSCWFPPSHI	589	>JAK3-I87T-n LSCWFPPSHT	267	322
>JAK3-I87T-v LSCWFPPSHI	75	>JAK3-I87T-n LSCWFPPSHT	65	10
>JAK3-I87T-v LSCWFPPSHI	123	>JAK3-I87T-n LSCWFPPSHT	6600	6477
>JAK3-I87T-v LSCWFPPSHI	7	>JAK3-I87T-n LSCWFPPSHT	4	3
>JAK3-I87T-v LSCWFPPSHI	410	>JAK3-I87T-n LSCWFPPSHT	191	219
>JAK3-I87T-v LSCWFPPSHI	416	>JAK3-I87T-n LSCWFPPSHT	16735	16319
>JAK3-I87T-v LSCWFPPSHI	32	>JAK3-I87T-n LSCWFPPSHT	28	4
>JAK3-I87T-v LSCWFPPSHI	156	>JAK3-I87T-n LSCWFPPSHT	218	62
>JAK3-I87T-v LSCWFPPSHI	160	>JAK3-I87T-n LSCWFPPSHT	1379	1219
>JAK3-I87T-v LSCWFPPSHI	63	>JAK3-I87T-n LSCWFPPSHT	55	8
>JAK3-I87T-v LSCWFPPSHI	13	>JAK3-I87T-n LSCWFPPSHT	218	205
>JAK3-L1017 LYELFTYCDK	2493	>JAK3-L1017 MYELFTYCDK	381	2112
>JAK3-L1017 LYELFTYCDK	308	>JAK3-L1017 MYELFTYCDK	103	205
>JAK3-L1017 LYELFTYC	1351	>JAK3-L1017 MYELFTYC	325	1026
>JAK3-L1017 VLYELFTYC	758	>JAK3-L1017 VMYELFTYC	52	706
>JAK3-L1017 VLYELFTYC	152	>JAK3-L1017 VMYELFTYC	116	36
>JAK3-L1017 VLYELFTYC	131	>JAK3-L1017 VMYELFTYC	189	58
>JAK3-L1017 VLYELFTYC	37	>JAK3-L1017 VMYELFTYC	31	6
>JAK3-L1017 VLYELFTYC	30	>JAK3-L1017 VMYELFTYC	22	8
>JAK3-L1017 VLYELFTY	23	>JAK3-L1017 VMYELFTY	15	8
>JAK3-L1017 VLYELFTYC	2	>JAK3-L1017 VMYELFTYC	2	0
>JAK3-L1017 VLYELFTYCD	417	>JAK3-L1017 VMYELFTYCD	251	166
>JAK3-L1017 VLYELFTYCD	449	>JAK3-L1017 VMYELFTYCD	274	175
>JAK3-L1017 VLYELFTY	525	>JAK3-L1017 VMYELFTY	314	211
>JAK3-L1017 VLYELFTYC	27	>JAK3-L1017 VMYELFTYC	19	8
>JAK3-L1017 VLYELFTY	248	>JAK3-L1017 VMYELFTY	218	30
>JAK3-L1017 VLYELFTYC	19	>JAK3-L1017 VMYELFTYC	17	2
>JAK3-L1017 VLYELFTYC	93	>JAK3-L1017 VMYELFTYC	62	31

>JAK3-L1017 VLYELFTY	34	>JAK3-L1017 VMYELFTY	70	36
>JAK3-L1017 VLYELFTYC	5	>JAK3-L1017 VMYELFTYC	6	1
>JAK3-L1017 VLYELFTYCDH	128	>JAK3-L1017 VMYELFTYCD	249	121
>JAK3-L1017 VLYELFTY	69	>JAK3-L1017 VMYELFTY	61	8
>JAK3-L1017 VLYELFTYCDH	34	>JAK3-L1017 VMYELFTYCD	33	1
>JAK3-L1017 VLYELFTY	445	>JAK3-L1017 VMYELFTY	170	275
>JAK3-L1017 VLYELFTYCDH	62	>JAK3-L1017 VMYELFTYCD	23	39
>JAK3-L1017 VLYELFTY	15	>JAK3-L1017 VMYELFTY	8	7
>JAK3-L1017 VLYELFTY	44	>JAK3-L1017 VMYELFTY	15	29
>JAK3-L1017 VLYELFTYCDH	1320	>JAK3-L1017 VMYELFTYCD	329	991
>JAK3-L1017 VLYELFTY	277	>JAK3-L1017 VMYELFTY	146	131
>JAK3-L1017 VLYELFTY	16	>JAK3-L1017 VMYELFTY	22	6
>JAK3-L1017 VLYELFTY	63	>JAK3-L1017 VMYELFTY	39	24
>JAK3-L1017 VLYELFTY	83	>JAK3-L1017 VMYELFTY	62	21
>JAK3-L1017 VLYELFTY	78	>JAK3-L1017 VMYELFTY	9	69
>JAK3-L1017 VLYELFTYCDH	2758	>JAK3-L1017 VMYELFTYCD	375	2383
>JAK3-L1017 VLYELFTY	59	>JAK3-L1017 VMYELFTY	22	37
>JAK3-L1017 VLYELFTY	222	>JAK3-L1017 VMYELFTY	78	144
>JAK3-L1017 VLYELFTY	2949	>JAK3-L1017 VMYELFTY	252	2697
>JAK3-L1017 VLYELFTY	175	>JAK3-L1017 VMYELFTY	321	146
>JAK3-L1017 QSDVWSFGV	139	>JAK3-L1017 QSDVWSFGV	84	55
>JAK3-L1017 QSDVWSFGV	369	>JAK3-L1017 QSDVWSFGV	1797	1428
>JAK3-L1017 QSDVWSFGV	1580	>JAK3-L1017 QSDVWSFGV	268	1312
>JAK3-L1017 VVLYELFT	646	>JAK3-L1017 VVMYELFT	328	318
>JAK3-L1017 VVLYELFTY	246	>JAK3-L1017 VVMYELFTY	39	207
>JAK3-L1017 VVLYELFTY	35	>JAK3-L1017 VVMYELFTY	13	22
>JAK3-L1017 VVLYELFTY	12	>JAK3-L1017 VVMYELFTY	13	1
>JAK3-L1017 VVLYELFTY	20	>JAK3-L1017 VVMYELFTY	14	6
>JAK3-L1017 VVLYELFTY	353	>JAK3-L1017 VVMYELFTY	143	210
>JAK3-L1017 VVLYELFTY	14	>JAK3-L1017 VVMYELFTY	16	2
>JAK3-L1017 VVLYELFTY	1230	>JAK3-L1017 VVMYELFTY	164	1066
>JAK3-L1017 VVLYELFTY	42	>JAK3-L1017 VVMYELFTY	39	3
>JAK3-L1017 VVLYELFTY	206	>JAK3-L1017 VVMYELFTY	110	96
>JAK3-L1017 VVLYELFTY	1269	>JAK3-L1017 VVMYELFTY	355	914
>JAK3-L1017 VVLYELFTY	123	>JAK3-L1017 VVMYELFTY	102	21
>JAK3-L1017 VVLYELFTY	1014	>JAK3-L1017 VVMYELFTY	332	682
>JAK3-L1017 VVLYELFTY	686	>JAK3-L1017 VVMYELFTY	292	394
>JAK3-L1017 GVVLYELFTY	258	>JAK3-L1017 GVVMYELFTY	144	114
>JAK3-L1017 GVVLYELFTY	138	>JAK3-L1017 GVVMYELFTY	110	28
>JAK3-L1017 GVVLYELFTY	184	>JAK3-L1017 GVVMYELFTY	169	15
>JAK3-L1017 GVVLYELFTY	486	>JAK3-L1017 GVVMYELFTY	495	9
>JAK3-L1017 GVVLYELFTY	571	>JAK3-L1017 GVVMYELFTY	363	208
>JAK3-L1017 GVVLYELFTY	148	>JAK3-L1017 GVVMYELFTY	91	57

>JAK3-L1017 FGVVLYEL	694	>JAK3-L1017 FGVVMYEL	442	252
>JAK3-L1017 FGVVLYELF	516	>JAK3-L1017 FGVVMYELF	386	130
>JAK3-L1017 FGVVLYEL	99	>JAK3-L1017 FGVVMYEL	146	47
>JAK3-L1017 FGVVLYEL	231	>JAK3-L1017 FGVVMYEL	438	207
>JAK3-L1017 FGVVLYELF	916	>JAK3-L1017 FGVVMYELF	374	542
>JAK3-L1017 FGVVLYELFT\	64	>JAK3-L1017 FGVVMYELFT	59	5
>JAK3-L1017 FGVVLYELFT\	623	>JAK3-L1017 FGVVMYELFT	491	132
>JAK3-L1017 FGVVLYELFT\	78	>JAK3-L1017 FGVVMYELFT	69	9
>JAK3-L1017 FGVVLYELFT\	622	>JAK3-L1017 FGVVMYELFT	458	164
>JAK3-L1017 FGVVLYELF	476	>JAK3-L1017 FGVVMYELF	955	479
>JAK3-L1017 FGVVLYELF	345	>JAK3-L1017 FGVVMYELF	401	56
>JAK3-L1017 FGVVLYELFT\	473	>JAK3-L1017 FGVVMYELFT	457	16
>JAK3-L1017 SFGVVLYEL	264	>JAK3-L1017 SFGVVMYEL	318	54
>JAK3-L1017 SFGVVLYEL	351	>JAK3-L1017 SFGVVMYEL	717	366
>JAK3-L1017 SFGVVLYELF	512	>JAK3-L1017 SFGVVMYELF	264	248
>JAK3-L1017 SFGVVLYEL	30	>JAK3-L1017 SFGVVMYEL	40	10
>JAK3-L1017 SFGVVLYELF	10	>JAK3-L1017 SFGVVMYELF	12	2
>JAK3-L1017 SFGVVLYELF	539	>JAK3-L1017 SFGVVMYELF	141	398
>JAK3-L1017 SFGVVLYEL	109	>JAK3-L1017 SFGVVMYEL	181	72
>JAK3-L1017 SFGVVLYELF	155	>JAK3-L1017 SFGVVMYELF	196	41
>JAK3-L1017 WSFGVVLY	91	>JAK3-L1017 WSFGVVMY	199	108
>JAK3-L1017 WSFGVVLYEL	120	>JAK3-L1017 WSFGVVMYE	189	69
>JAK3-L1017 WSFGVVLYEL	178	>JAK3-L1017 WSFGVVMYE	391	213
>JAK3-L1017 WSFGVVLYEL	91	>JAK3-L1017 WSFGVVMYE	127	36
>JAK3-L1017 WSFGVVLYEL	463	>JAK3-L1017 WSFGVVMYE	303	160
>JAK3-L1017 WSFGVVLYEL	149	>JAK3-L1017 WSFGVVMYE	124	25
>JAK3-L1017 WSFGVVLY	12	>JAK3-L1017 WSFGVVMY	28	16
>JAK3-L1017 WSFGVVLYEL	295	>JAK3-L1017 WSFGVVMYE	448	153
>JAK3-L1017 WSFGVVLY	255	>JAK3-L1017 WSFGVVMY	245	10
>JAK3-L1017 WSFGVVLYEL	331	>JAK3-L1017 WSFGVVMYE	377	46
>JAK3-L1017 WSFGVVLYEL	445	>JAK3-L1017 WSFGVVMYE	468	23
>JAK3-L1017 WSFGVVLY	144	>JAK3-L1017 WSFGVVMY	150	6
>JAK3-L1017 WSFGVVLYEL	139	>JAK3-L1017 WSFGVVMYE	96	43
>JAK3-L1017 WSFGVVLYEL	608	>JAK3-L1017 WSFGVVMYE	399	209
>JAK3-L1017 WSFGVVLY	120	>JAK3-L1017 WSFGVVMY	87	33
>JAK3-L1017 WSFGVVLYEL	164	>JAK3-L1017 WSFGVVMYE	181	17
>JAK3-L1017 WSFGVVLY	61	>JAK3-L1017 WSFGVVMY	27	34
>JAK3-L1017 WSFGVVLYEL	434	>JAK3-L1017 WSFGVVMYE	337	97
>JAK3-L1017 WSFGVVLYEL	28	>JAK3-L1017 WSFGVVMYE	25	3
>JAK3-L1017 WSFGVVLY	6	>JAK3-L1017 WSFGVVMY	6	0
>JAK3-L1017 WSFGVVLYEL	29	>JAK3-L1017 WSFGVVMYE	24	5
>JAK3-L1017 WSFGVVLYEL	11	>JAK3-L1017 WSFGVVMYE	14	3
>JAK3-L1017 WSFGVVLY	510	>JAK3-L1017 WSFGVVMY	356	154

>JAK3-L1017 WSFGVVLY	109	>JAK3-L1017 WSFGVVMY	85	24
>JAK3-L1017 WSFGVVLYEL	264	>JAK3-L1017 WSFGVVMYE	142	122
>JAK3-L1017 WSFGVVLY	344	>JAK3-L1017 WSFGVVMY	391	47
>JAK3-L1017 WSFGVVLYEL	120	>JAK3-L1017 WSFGVVMYE	134	14
>JAK3-L1017 WSFGVVLY	70	>JAK3-L1017 WSFGVVMY	201	131
>JAK3-L1017 WSFGVVLYEL	139	>JAK3-L1017 WSFGVVMYE	192	53
>JAK3-L1017 WSFGVVLYEL	17	>JAK3-L1017 WSFGVVMYE	19	2
>JAK3-L1017 WSFGVVLY	33	>JAK3-L1017 WSFGVVMY	73	40
>JAK3-L1017 WSFGVVLYE	768	>JAK3-L1017 WSFGVVMYE	481	287
>JAK3-L1017 WSFGVVLYEL	324	>JAK3-L1017 WSFGVVMYE	272	52
>JAK3-L1017 WSFGVVLYEL	5	>JAK3-L1017 WSFGVVMYE	4	1
>JAK3-L1017 WSFGVVLY	52	>JAK3-L1017 WSFGVVMY	75	23
>JAK3-L1017 VWSFGVVLYI	260	>JAK3-L1017 VWSFGVVM\	348	88
>JAK3-L1017 VWSFGVVLYI	338	>JAK3-L1017 VWSFGVVM\	480	142
>JAK3-L1017 VWSFGVVL	312	>JAK3-L1017 VWSFGVVM	3208	2896
>JAK3-L1017 VWSFGVVLYI	105	>JAK3-L1017 VWSFGVVM\	100	5
>JAK3-L1017 VWSFGVVLY	17	>JAK3-L1017 VWSFGVVM\	41	24
>JAK3-L1017 VWSFGVVLY	56	>JAK3-L1017 VWSFGVVM\	59	3
>JAK3-L1017 VWSFGVVLY	499	>JAK3-L1017 VWSFGVVM\	2208	1709
>JAK3-L1017 VWSFGVVL	242	>JAK3-L1017 VWSFGVVM	288	46
>JAK3-L1017 VWSFGVVLY	383	>JAK3-L1017 VWSFGVVM\	444	61
>JAK3-L1017 VWSFGVVLYI	211	>JAK3-L1017 VWSFGVVM\	218	7
>JAK3-L1017 DVWSFGVVL	2701	>JAK3-L1017 DVWSFGVVM	414	2287
>JAK3-L1017 DVWSFGVVL	150	>JAK3-L1017 DVWSFGVVM	84	66
>JAK3-L1017 DVWSFGVVL	453	>JAK3-L1017 DVWSFGVVM	677	224
>JAK3-L1017 DVWSFGVVL	165	>JAK3-L1017 DVWSFGVVM	214	49
>JAK3-L1017 DVWSFGVVL	176	>JAK3-L1017 DVWSFGVVM	255	79
>JAK3-L1017 DVWSFGVVL	435	>JAK3-L1017 DVWSFGVVM	672	237
>JAK3-L1017 DVWSFGVVL	103	>JAK3-L1017 DVWSFGVVM	150	47
>JAK3-L1017 DVWSFGVVL	766	>JAK3-L1017 DVWSFGVVM	105	661
>JAK3-L1017 SDVWSFGVV	366	>JAK3-L1017 SDVWSFGVV	863	497
>JAK3-L1017 SDVWSFGVV	549	>JAK3-L1017 SDVWSFGVV	490	59
>JAK3-L527P LGHGSFTK	146	>JAK3-L527P.PGHGSFTK	1153	1007
>JAK3-L527P LGHGSFTKIYF	70	>JAK3-L527P.PGHGSFTKIYI	2004	1934
>JAK3-L527P LGHGSFTKIYF	440	>JAK3-L527P.PGHGSFTKIYI	7353	6913
>JAK3-L527P LGHGSFTKIY	478	>JAK3-L527P.PGHGSFTKIY	4229	3751
>JAK3-L527P LGHGSFTKIY	466	>JAK3-L527P.PGHGSFTKIY	9041	8575
>JAK3-L527P LGHGSFTKIYF	89	>JAK3-L527P.PGHGSFTKIYI	130	41
>JAK3-L527P LGHGSFTKI	326	>JAK3-L527P.PGHGSFTKI	6686	6360
>JAK3-L527P NLGHGSFTKI	249	>JAK3-L527P.NPGHGSFTKI	23636	23387
>JAK3-L527P NLGHGSFTKI	270	>JAK3-L527P.NPGHGSFTKI	28970	28700
>JAK3-L527P NLGHGSFTKI	181	>JAK3-L527P.NPGHGSFTKI	21681	21500
>JAK3-L527P NLGHGSFTKI	316	>JAK3-L527P.NPGHGSFTKI	24573	24257

>JAK3-L527P NLGHGSFTKI	361	>JAK3-L527P NPGHGSFTKI	24194	23833
>JAK3-L527P NLGHGSFTKI	127	>JAK3-L527P NPGHGSFTKI	36023	35896
>JAK3-L527P NLGHGSFTK	193	>JAK3-L527P NPGHGSFTK	17562	17369
>JAK3-L527P NLGHGSFTKI'	248	>JAK3-L527P NPGHGSFTKI	3571	3323
>JAK3-L527P NLGHGSFTKI'	442	>JAK3-L527P NPGHGSFTKI	4829	4387
>JAK3-L527P NLGHGSFTKI'	36	>JAK3-L527P NPGHGSFTKI	1807	1771
>JAK3-L527P NLGHGSFTKI'	435	>JAK3-L527P NPGHGSFTKI	12837	12402
>JAK3-L527P NLGHGSFTKI'	66	>JAK3-L527P NPGHGSFTKI	695	629
>JAK3-L527P NLGHGSFTKI'	2643	>JAK3-L527P NPGHGSFTKI	35	2608
>JAK3-L527P NLGHGSFTKI'	24068	>JAK3-L527P NPGHGSFTKI	287	23781
>JAK3-L527P NLGHGSFTKI'	12542	>JAK3-L527P NPGHGSFTKI	392	12150
>JAK3-L527P HENLGHGS	40	>JAK3-L527P HENPGHGS	1438	1398
>JAK3-L527P HENLGHGSF	626	>JAK3-L527P HENPGHGSF	161	465
>JAK3-L527P HENLGHGSF	1698	>JAK3-L527P HENPGHGSF	443	1255
>JAK3-L527P HENLGHGSF	21	>JAK3-L527P HENPGHGSF	21	0
>JAK3-L527P HENLGHGSF	78	>JAK3-L527P HENPGHGSF	69	9
>JAK3-L527P HENLGHGSF	85	>JAK3-L527P HENPGHGSF	143	58
>JAK3-L527P EWHENLGHG	49	>JAK3-L527P EWHENPGHC	64	15
>JAK3-L527P EWHENLGHG	300	>JAK3-L527P EWHENPGHC	267	33
>JAK3-L527P SLEWHENL	62	>JAK3-L527P SLEWHENP	10718	10656
>JAK3-L527P SLEWHENL	55	>JAK3-L527P SLEWHENP	12871	12816
>JAK3-L527P SLEWHENL	332	>JAK3-L527P SLEWHENP	20459	20127
>JAK3-L527P SLEWHENL	7	>JAK3-L527P SLEWHENP	13834	13827
>JAK3-L527P DSLEWHENL	428	>JAK3-L527P DSLEWHENP	24095	23667
>JAK3-L527P DSLEWHENL	18	>JAK3-L527P DSLEWHENP	3269	3251
>JAK3-M511 MTFHKIPADS	582	>JAK3-M511 ITFHKIPADSL	262	320
>JAK3-M511 MTFHKIPA	361	>JAK3-M511 ITFHKIPA	1734	1373
>JAK3-M511 MTFHKIPADS	62	>JAK3-M511 ITFHKIPADSL	331	269
>JAK3-M511 MTFHKIPA	205	>JAK3-M511 ITFHKIPA	710	505
>JAK3-M511 MTFHKIPADS	404	>JAK3-M511 ITFHKIPADSL	1352	948
>JAK3-M511 MTFHKIPA	120	>JAK3-M511 ITFHKIPA	433	313
>JAK3-M511 MTFHKIPADS	103	>JAK3-M511 ITFHKIPADSL	372	269
>JAK3-M511 MTFHKIPA	420	>JAK3-M511 ITFHKIPA	999	579
>JAK3-M511 MTFHKIPADS	120	>JAK3-M511 ITFHKIPADSL	295	175
>JAK3-M511 MTFHKIPA	24	>JAK3-M511 ITFHKIPA	139	115
>JAK3-M511 MTFHKIPADS	36	>JAK3-M511 ITFHKIPADSL	64	28
>JAK3-M511 MTFHKIPA	8	>JAK3-M511 ITFHKIPA	116	108
>JAK3-M511 MTFHKIPADS	10	>JAK3-M511 ITFHKIPADSL	193	183
>JAK3-M511 MTFHKIPA	261	>JAK3-M511 ITFHKIPA	3960	3699
>JAK3-M511 MTFHKIPADS	155	>JAK3-M511 ITFHKIPADSL	2334	2179
>JAK3-M511 MTFHKIPADS	235	>JAK3-M511 ITFHKIPADSL	319	84
>JAK3-M511 MTFHKIPADS	4	>JAK3-M511 ITFHKIPADSL	4	0
>JAK3-M511 MTFHKIPADS	65	>JAK3-M511 ITFHKIPADSL	48	17

>JAK3-M511 MTFHKIPADS	37	>JAK3-M511 ITFHKIPADSL	104	67
>JAK3-M511 QMTFHKIPA	492	>JAK3-M511 QITFHKIPA	4250	3758
>JAK3-M511 QPQSQYQLS	216	>JAK3-M511 QPQSQYQLS	966	750
>JAK3-M511 QPQSQYQLS	215	>JAK3-M511 QPQSQYQLS	8669	8454
>JAK3-M511 SQMTFHKI	426	>JAK3-M511 SQITFHKI	274	152
>JAK3-M511 SQMTFHKI	306	>JAK3-M511 SQITFHKI	1271	965
>JAK3-M511 SQMTFHKIPA	302	>JAK3-M511 SQITFHKIPA	2197	1895
>JAK3-M511 SQMTFHKI	250	>JAK3-M511 SQITFHKI	1132	882
>JAK3-M511 SQMTFHKIPA	113	>JAK3-M511 SQITFHKIPA	525	412
>JAK3-M511 SQMTFHKI	304	>JAK3-M511 SQITFHKI	727	423
>JAK3-M511 SQMTFHKIPA	164	>JAK3-M511 SQITFHKIPA	552	388
>JAK3-M511 SQMTFHKI	22	>JAK3-M511 SQITFHKI	35	13
>JAK3-M511 SQMTFHKIPA	109	>JAK3-M511 SQITFHKIPA	184	75
>JAK3-M511 SQMTFHKI	367	>JAK3-M511 SQITFHKI	1328	961
>JAK3-M511 SQMTFHKI	49	>JAK3-M511 SQITFHKI	91	42
>JAK3-M511 SQMTFHKIP	236	>JAK3-M511 SQITFHKIP	460	224
>JAK3-M511 SQMTFHKIPA	110	>JAK3-M511 SQITFHKIPA	196	86
>JAK3-M511 LSQMTFHK	18	>JAK3-M511 LSQITFHK	29	11
>JAK3-M511 LSQMTFHK	106	>JAK3-M511 LSQITFHK	172	66
>JAK3-M511 LSQMTFHK	65	>JAK3-M511 LSQITFHK	71	6
>JAK3-M511 LSQMTFHK	295	>JAK3-M511 LSQITFHK	350	55
>JAK3-M511 LSQMTFHKI	363	>JAK3-M511 LSQITFHKI	239	124
>JAK3-M511 LSQMTFHKI	289	>JAK3-M511 LSQITFHKI	293	4
>JAK3-M511 LSQMTFHKI	94	>JAK3-M511 LSQITFHKI	106	12
>JAK3-M511 LSQMTFHK	164	>JAK3-M511 LSQITFHK	142	22
>JAK3-M511 LSQMTFHKI	34	>JAK3-M511 LSQITFHKI	29	5
>JAK3-M511 QLSQMTFHK	143	>JAK3-M511 QLSQITFHKI	94	49
>JAK3-M511 QLSQMTFHK	91	>JAK3-M511 QLSQITFHKI	81	10
>JAK3-M511 QLSQMTFHK	187	>JAK3-M511 QLSQITFHKI	87	100
>JAK3-M511 QLSQMTFHK	264	>JAK3-M511 QLSQITFHKI	197	67
>JAK3-M511 QLSQMTFHK	264	>JAK3-M511 QLSQITFHKI	185	79
>JAK3-M511 QLSQMTFHK	118	>JAK3-M511 QLSQITFHKI	76	42
>JAK3-M511 QLSQMTFHK	9	>JAK3-M511 QLSQITFHKI	11	2
>JAK3-M511 QLSQMTFHK	69	>JAK3-M511 QLSQITFHK	66	3
>JAK3-M511 QLSQMTFHK	50	>JAK3-M511 QLSQITFHK	60	10
>JAK3-M511 QLSQMTFHK	261	>JAK3-M511 QLSQITFHKI	175	86
>JAK3-M511 QLSQMTFHK	122	>JAK3-M511 QLSQITFHK	53	69
>JAK3-M511 QLSQMTFHK	694	>JAK3-M511 QLSQITFHKI	378	316
>JAK3-M511 QLSQMTFHK	264	>JAK3-M511 QLSQITFHK	148	116
>JAK3-M511 YQLSQMTFH	162	>JAK3-M511 YQLSQITFHKI	197	35
>JAK3-M511 YQLSQMTFH	47	>JAK3-M511 YQLSQITFHKI	41	6
>JAK3-M511 YQLSQMTFH	203	>JAK3-M511 YQLSQITFHKI	172	31
>JAK3-M511 YQLSQMTFH	138	>JAK3-M511 YQLSQITFHKI	135	3

>JAK3-M511 YQLSQMTF	21	>JAK3-M511 YQLSQITF	19	2
>JAK3-M511 YQLSQMTFH	501	>JAK3-M511 YQLSQITFH	398	103
>JAK3-M511 YQLSQMTFH	5	>JAK3-M511 YQLSQITFHKI	5	0
>JAK3-M511 YQLSQMTFH	52	>JAK3-M511 YQLSQITFHKI	24	28
>JAK3-M511 YQLSQMTFH	57	>JAK3-M511 YQLSQITFHKI	38	19
>JAK3-M511 YQLSQMTFH	147	>JAK3-M511 YQLSQITFHKI	76	71
>JAK3-M511 YQLSQMTFH	640	>JAK3-M511 YQLSQITFHKI	236	404
>JAK3-M511 YQLSQMTFH	108	>JAK3-M511 YQLSQITFHK	106	2
>JAK3-M511 YQLSQMTFH	48	>JAK3-M511 YQLSQITFHK	43	5
>JAK3-M511 YQLSQMTF	273	>JAK3-M511 YQLSQITF	402	129
>JAK3-M511 YQLSQMTFH	578	>JAK3-M511 YQLSQITFHKI	444	134
>JAK3-M511 YQLSQMTF	53	>JAK3-M511 YQLSQITF	106	53
>JAK3-M511 YQLSQMTFH	523	>JAK3-M511 YQLSQITFHK	341	182
>JAK3-M511 YQLSQMTF	42	>JAK3-M511 YQLSQITF	46	4
>JAK3-M511 YQLSQMTF	72	>JAK3-M511 YQLSQITF	96	24
>JAK3-M511 YQLSQMTF	2	>JAK3-M511 YQLSQITF	2	0
>JAK3-M511 YQLSQMTFH	81	>JAK3-M511 YQLSQITFH	56	25
>JAK3-M511 YQLSQMTFH	212	>JAK3-M511 YQLSQITFHK	167	45
>JAK3-M511 YQLSQMTFH	16	>JAK3-M511 YQLSQITFHKI	16	0
>JAK3-M511 YQLSQMTF	375	>JAK3-M511 YQLSQITF	313	62
>JAK3-M511 YQLSQMTFH	505	>JAK3-M511 YQLSQITFHKI	331	174
>JAK3-M511 YQLSQMTF	528	>JAK3-M511 YQLSQITF	238	290
>JAK3-M511 YQLSQMTF	203	>JAK3-M511 YQLSQITF	192	11
>JAK3-M511 YQLSQMTFH	399	>JAK3-M511 YQLSQITFHKI	459	60
>JAK3-M511 YQLSQMTFH	257	>JAK3-M511 YQLSQITFHKI	237	20
>JAK3-M511 YQLSQMTFH	631	>JAK3-M511 YQLSQITFHK	390	241
>JAK3-M511 QYQLSQMTF	196	>JAK3-M511 QYQLSQITF	807	611
>JAK3-M511 QYQLSQMTF	34	>JAK3-M511 QYQLSQITF	87	53
>JAK3-M511 QYQLSQMTF	78	>JAK3-M511 QYQLSQITF	134	56
>JAK3-M511 QYQLSQMTF	5	>JAK3-M511 QYQLSQITF	7	2
>JAK3-M511 QYQLSQMTF	184	>JAK3-M511 QYQLSQITFH	231	47
>JAK3-M511 QYQLSQMTF	428	>JAK3-M511 QYQLSQITFH	355	73
>JAK3-M511 QYQLSQMTF	445	>JAK3-M511 QYQLSQITFH	679	234
>JAK3-M511 QYQLSQMTF	199	>JAK3-M511 QYQLSQITFH	169	30
>JAK3-M511 SQYQLSQM	306	>JAK3-M511 SQYQLSQI	729	423
>JAK3-M511 SQYQLSQM	941	>JAK3-M511 SQYQLSQI	83	858
>JAK3-M511 SQYQLSQM	188	>JAK3-M511 SQYQLSQI	36	152
>JAK3-M511 SQYQLSQM	1024	>JAK3-M511 SQYQLSQI	115	909
>JAK3-M511 SQYQLSQM	3081	>JAK3-M511 SQYQLSQI	312	2769
>JAK3-M511 SQYQLSQMT	54	>JAK3-M511 SQYQLSQITF	48	6
>JAK3-M511 SQYQLSQM	39	>JAK3-M511 SQYQLSQI	200	161
>JAK3-M511 SQYQLSQMT	27	>JAK3-M511 SQYQLSQITF	30	3
>JAK3-M511 SQYQLSQMT	337	>JAK3-M511 SQYQLSQITFI	296	41



>JAK3-M511 SQYQLSQM	215	>JAK3-M511 SQYQLSQI	1949	1734
>JAK3-M511 SQYQLSQMT	56	>JAK3-M511 SQYQLSQITF	73	17
>JAK3-M511 SQYQLSQM	20	>JAK3-M511 SQYQLSQI	73	53
>JAK3-M511 SQYQLSQMT	2	>JAK3-M511 SQYQLSQITF	3	1
>JAK3-M511 SQYQLSQMT	231	>JAK3-M511 SQYQLSQITFI	170	61
>JAK3-M511 SQYQLSQMT	241	>JAK3-M511 SQYQLSQITF	330	89
>JAK3-M511 SQYQLSQMT	300	>JAK3-M511 SQYQLSQITF	564	264
>JAK3-M511 SQYQLSQMT	232	>JAK3-M511 SQYQLSQITF	514	282
>JAK3-M511 SQYQLSQMT	613	>JAK3-M511 SQYQLSQITF	409	204
>JAK3-M511 SQYQLSQM	3078	>JAK3-M511 SQYQLSQI	232	2846
>JAK3-M511 SQYQLSQM	4176	>JAK3-M511 SQYQLSQI	128	4048
>JAK3-M511 QSQYQLSQM	78	>JAK3-M511 QSQYQLSQI	3280	3202
>JAK3-M511 QSQYQLSQM	156	>JAK3-M511 QSQYQLSQIT	140	16
>JAK3-M511 QSQYQLSQM	346	>JAK3-M511 QSQYQLSQIT	503	157
>JAK3-M511 QSQYQLSQM	41	>JAK3-M511 QSQYQLSQIT	71	30
>JAK3-M511 QSQYQLSQM	33	>JAK3-M511 QSQYQLSQI	216	183
>JAK3-M511 QSQYQLSQM	9	>JAK3-M511 QSQYQLSQIT	9	0
>JAK3-M511 QSQYQLSQM	226	>JAK3-M511 QSQYQLSQIT	495	269
>JAK3-M511 QSQYQLSQM	13	>JAK3-M511 QSQYQLSQI	167	154
>JAK3-M511 QSQYQLSQM	55	>JAK3-M511 QSQYQLSQIT	108	53
>JAK3-M511 QSQYQLSQM	981	>JAK3-M511 QSQYQLSQI	33	948
>JAK3-M511 PQSQYQLSQI	472	>JAK3-M511 PQSQYQLSQI	1191	719
>JAK3-M576 MSQVSYRHL	348	>JAK3-M576 KSQVSYRHL	586	238
>JAK3-M576 MSQVSYRHL	704	>JAK3-M576 KSQVSYRHL	126	578
>JAK3-M576 MSQVSYRHL'	479	>JAK3-M576 KSQVSYRHLV	92	387
>JAK3-M576 MSQVSYRHL'	579	>JAK3-M576 KSQVSYRHLV	106	473
>JAK3-M576 MSQVSYRHL'	257	>JAK3-M576 KSQVSYRHLV	6777	6520
>JAK3-M576 MSQVSYRHL	382	>JAK3-M576 KSQVSYRHL	381	1
>JAK3-M576 MSQVSYRHL'	250	>JAK3-M576 KSQVSYRHLV	276	26
>JAK3-M576 MSQVSYRH	1096	>JAK3-M576 KSQVSYRH	494	602
>JAK3-M576 MSQVSYRHL	24	>JAK3-M576 KSQVSYRHL	15	9
>JAK3-M576 MSQVSYRHL'	13	>JAK3-M576 KSQVSYRHLV	8	5
>JAK3-M576 MSQVSYRHL	1418	>JAK3-M576 KSQVSYRHL	338	1080
>JAK3-M576 MSQVSYRHL'	396	>JAK3-M576 KSQVSYRHLV	123	273
>JAK3-M576 MSQVSYRHL	142	>JAK3-M576 KSQVSYRHL	120	22
>JAK3-M576 MSQVSYRHL'	206	>JAK3-M576 KSQVSYRHLV	193	13
>JAK3-M576 LMSQVSYRHI	17	>JAK3-M576 LKSQVSYRHL'	16774	16757
>JAK3-M576 LMSQVSYRHI	76	>JAK3-M576 LKSQVSYRHL	13509	13433
>JAK3-M576 LMSQVSYRHI	3	>JAK3-M576 LKSQVSYRHL'	961	958
>JAK3-M576 LMSQVSYRHI	143	>JAK3-M576 LKSQVSYRHL	19590	19447
>JAK3-M576 LMSQVSYRHI	6	>JAK3-M576 LKSQVSYRHL'	8197	8191
>JAK3-M576 LMSQVSYRHI	39	>JAK3-M576 LKSQVSYRHL'	5412	5373
>JAK3-M576 LMSQVSYRHI	25	>JAK3-M576 LKSQVSYRHL	17019	16994

>JAK3-M576 LMSQVSYRHI	3	>JAK3-M576 LKSQVSYRHL'	3960	3957
>JAK3-M576 LMSQVSYRHI	127	>JAK3-M576 LKSQVSYRHL	21164	21037
>JAK3-M576 LMSQVSYRHI	11	>JAK3-M576 LKSQVSYRHL'	13934	13923
>JAK3-M576 LMSQVSYRHI	94	>JAK3-M576 LKSQVSYRHL	18919	18825
>JAK3-M576 LMSQVSYRHI	9	>JAK3-M576 LKSQVSYRHL'	6170	6161
>JAK3-M576 LMSQVSYRHI	303	>JAK3-M576 LKSQVSYRHL	22958	22655
>JAK3-M576 LMSQVSYRHI	5	>JAK3-M576 LKSQVSYRHL'	13302	13297
>JAK3-M576 LMSQVSYRHI	14	>JAK3-M576 LKSQVSYRHL	23189	23175
>JAK3-M576 LMSQVSYRHI	2	>JAK3-M576 LKSQVSYRHL'	1197	1195
>JAK3-M576 LMSQVSYR	297	>JAK3-M576 LKSQVSYR	20474	20177
>JAK3-M576 LMSQVSYR	491	>JAK3-M576 LKSQVSYR	23825	23334
>JAK3-M576 LMSQVSYR	15	>JAK3-M576 LKSQVSYR	5322	5307
>JAK3-M576 LMSQVSYR	80	>JAK3-M576 LKSQVSYR	5611	5531
>JAK3-M576 LMSQVSYR	27	>JAK3-M576 LKSQVSYR	359	332
>JAK3-M576 LMSQVSYRHI	448	>JAK3-M576 LKSQVSYRHL'	4923	4475
>JAK3-M576 LMSQVSYRH	466	>JAK3-M576 LKSQVSYRH	20004	19538
>JAK3-M576 LMSQVSYRHI	112	>JAK3-M576 LKSQVSYRHL	12767	12655
>JAK3-M576 LMSQVSYRHI	186	>JAK3-M576 LKSQVSYRHL	77	109
>JAK3-M576 LMSQVSYRHI	999	>JAK3-M576 LKSQVSYRHL'	495	504
>JAK3-M576 LMSQVSYR	78	>JAK3-M576 LKSQVSYR	690	612
>JAK3-M576 MESFLEAASL	116	>JAK3-M576 MESFLEAASL	9424	9308
>JAK3-M576 MESFLEAASL	22080	>JAK3-M576 MESFLEAASL	153	21927
>JAK3-M576 MESFLEAASL	155	>JAK3-M576 MESFLEAASL	2909	2754
>JAK3-M576 MESFLEAASL	72	>JAK3-M576 MESFLEAASL	7332	7260
>JAK3-M576 MESFLEAASL	302	>JAK3-M576 MESFLEAASL	2879	2577
>JAK3-M576 MESFLEAASL	150	>JAK3-M576 MESFLEAASL	12180	12030
>JAK3-M576 MESFLEAASL	63	>JAK3-M576 MESFLEAASL	4091	4028
>JAK3-M576 SLMSQVSYRH	68	>JAK3-M576 SLKSQVSYRH	4506	4438
>JAK3-M576 SLMSQVSYR	411	>JAK3-M576 SLKSQVSYR	6943	6532
>JAK3-M576 SLMSQVSYRH	9	>JAK3-M576 SLKSQVSYRH	118	109
>JAK3-M576 SLMSQVSYRH	11	>JAK3-M576 SLKSQVSYRH	31	20
>JAK3-M576 SLMSQVSYRH	354	>JAK3-M576 SLKSQVSYRH	11001	10647
>JAK3-M576 SLMSQVSYRH	17	>JAK3-M576 SLKSQVSYRH	586	569
>JAK3-M576 SLMSQVSYRH	27	>JAK3-M576 SLKSQVSYRH	1065	1038
>JAK3-M576 SLMSQVSYRH	30	>JAK3-M576 SLKSQVSYRH	1311	1281
>JAK3-M576 SLMSQVSYRH	98	>JAK3-M576 SLKSQVSYRH	9660	9562
>JAK3-M576 SLMSQVSYRH	7	>JAK3-M576 SLKSQVSYRH	35	28
>JAK3-M576 SLMSQVSY	151	>JAK3-M576 SLKSQVSY	1050	899
>JAK3-M576 SLMSQVSYR	65	>JAK3-M576 SLKSQVSYR	299	234
>JAK3-M576 SLMSQVSY	121	>JAK3-M576 SLKSQVSY	6454	6333
>JAK3-M576 SLMSQVSYR	25	>JAK3-M576 SLKSQVSYR	1069	1044
>JAK3-M576 SLMSQVSY	321	>JAK3-M576 SLKSQVSY	1991	1670
>JAK3-M576 SLMSQVSY	103	>JAK3-M576 SLKSQVSY	537	434

>JAK3-M576 SLMSQVSYRF	4997	>JAK3-M576 SLKSQVSYRH	345	4652
>JAK3-M576 SLMSQVSY	41	>JAK3-M576 SLKSQVSY	52	11
>JAK3-M576 SLMSQVSYR	13	>JAK3-M576 SLKSQVSYR	9	4
>JAK3-M576 SLMSQVSY	369	>JAK3-M576 SLKSQVSY	7171	6802
>JAK3-M576 SLMSQVSYR	282	>JAK3-M576 SLKSQVSYR	242	40
>JAK3-M576 SLMSQVSYR	22	>JAK3-M576 SLKSQVSYR	107	85
>JAK3-M576 SLMSQVSY	99	>JAK3-M576 SLKSQVSY	479	380
>JAK3-M576 SLMSQVSYRF	148	>JAK3-M576 SLKSQVSYRH	82	66
>JAK3-M576 SLMSQVSY	43	>JAK3-M576 SLKSQVSY	44	1
>JAK3-M576 SLMSQVSYRF	340	>JAK3-M576 SLKSQVSYRH	481	141
>JAK3-M576 SLMSQVSY	43	>JAK3-M576 SLKSQVSY	78	35
>JAK3-M576 SLMSQVSY	18	>JAK3-M576 SLKSQVSY	46	28
>JAK3-M576 SLMSQVSYRF	298	>JAK3-M576 SLKSQVSYRH	742	444
>JAK3-M576 SLMSQVSY	353	>JAK3-M576 SLKSQVSY	2348	1995
>JAK3-M576 SLMSQVSYR	98	>JAK3-M576 SLKSQVSYR	239	141
>JAK3-M576 ASLMSQVSYF	280	>JAK3-M576 ASLKSQVSYR	749	469
>JAK3-M576 ASLMSQVSY	193	>JAK3-M576 ASLKSQVSY	512	319
>JAK3-M576 ASLMSQVSYF	39	>JAK3-M576 ASLKSQVSYR	129	90
>JAK3-M576 ASLMSQVSY	62	>JAK3-M576 ASLKSQVSY	88	26
>JAK3-M576 ASLMSQVSYF	14	>JAK3-M576 ASLKSQVSYR	20	6
>JAK3-M576 ASLMSQVSYF	261	>JAK3-M576 ASLKSQVSYR	1167	906
>JAK3-M576 ASLMSQVSYF	40	>JAK3-M576 ASLKSQVSYR	101	61
>JAK3-M576 ASLMSQVSY	131	>JAK3-M576 ASLKSQVSY	156	25
>JAK3-M576 ASLMSQVSY	8	>JAK3-M576 ASLKSQVSY	7	1
>JAK3-M576 ASLMSQVSY	3	>JAK3-M576 ASLKSQVSY	4	1
>JAK3-M576 ASLMSQVSYF	242	>JAK3-M576 ASLKSQVSYR	654	412
>JAK3-M576 ASLMSQVSY	288	>JAK3-M576 ASLKSQVSY	276	12
>JAK3-M576 ASLMSQVSY	184	>JAK3-M576 ASLKSQVSY	127	57
>JAK3-M576 ASLMSQVSY	2453	>JAK3-M576 ASLKSQVSY	357	2096
>JAK3-M576 ASLMSQVSY	398	>JAK3-M576 ASLKSQVSY	331	67
>JAK3-M576 ASLMSQVSYF	89	>JAK3-M576 ASLKSQVSYR	87	2
>JAK3-M576 ASLMSQVSYF	280	>JAK3-M576 ASLKSQVSYR	256	24
>JAK3-M576 AASLMSQV	365	>JAK3-M576 AASLKSQV	1691	1326
>JAK3-M576 AASLMSQV	247	>JAK3-M576 AASLKSQV	516	269
>JAK3-M576 AASLMSQVS'	169	>JAK3-M576 AASLKSQVSY	527	358
>JAK3-M576 AASLMSQVS'	300	>JAK3-M576 AASLKSQVSY	698	398
>JAK3-M576 AASLMSQVS'	354	>JAK3-M576 AASLKSQVSY	858	504
>JAK3-M576 AASLMSQVS'	141	>JAK3-M576 AASLKSQVSY	287	146
>JAK3-M576 AASLMSQVS'	46	>JAK3-M576 AASLKSQVSY	52	6
>JAK3-M576 AASLMSQVS'	74	>JAK3-M576 AASLKSQVSY	198	124
>JAK3-M576 AASLMSQVS'	188	>JAK3-M576 AASLKSQVSY	272	84
>JAK3-M576 AASLMSQVS'	147	>JAK3-M576 AASLKSQVSY	216	69
>JAK3-M576 AASLMSQVS'	13	>JAK3-M576 AASLKSQVSY	13	0

>JAK3-M576IAASLMSQVS\	38	>JAK3-M576IAASLKQVSY	59	21
>JAK3-M576IAASLMSQVS\	137	>JAK3-M576IAASLKQVSY	154	17
>JAK3-M576IEAASLMSQV\	79	>JAK3-M576IEAASLKQVVS	310	231
>JAK3-M576IEAASLMSQV\	69	>JAK3-M576IEAASLKQVVS	306	237
>JAK3-M576IEAASLMSQV	427	>JAK3-M576IEAASLKQV	15830	15403
>JAK3-M576IEAASLMSQV\	20	>JAK3-M576IEAASLKQVVS	144	124
>JAK3-M576IEAASLMSQV\	239	>JAK3-M576IEAASLKQVVS	358	119
>JAK3-M576IEAASLMSQ	265	>JAK3-M576IEAASLKQ	979	714
>JAK3-M576IEAASLMSQV\	42	>JAK3-M576IEAASLKQVVS	55	13
>JAK3-M576IEAASLMSQV	5	>JAK3-M576IEAASLKQV	10	5
>JAK3-M576IEAASLMSQV	5	>JAK3-M576IEAASLKQV	14	9
>JAK3-M576IEAASLMSQV\	347	>JAK3-M576IEAASLKQVVS	436	89
>JAK3-M576IEAASLMSQV\	107	>JAK3-M576IEAASLKQVVS	477	370
>JAK3-M576IEAASLMSQV\	25	>JAK3-M576IEAASLKQVVS	35	10
>JAK3-M576IEAASLMSQV	334	>JAK3-M576IEAASLKQV	817	483
>JAK3-M576IEAASLMSQV\	423	>JAK3-M576IEAASLKQVVS	585	162
>JAK3-M576IEAASLMSQV\	208	>JAK3-M576IEAASLKQVVS	209	1
>JAK3-M576IEAASLMSQ\	23	>JAK3-M576IEAASLKQV	17	6
>JAK3-M576IEAASLMSQ	331	>JAK3-M576IEAASLKQ	815	484
>JAK3-M576IEAASLMSQ\	202	>JAK3-M576IEAASLKQV	269	67
>JAK3-M576IEAASLMSQ\	227	>JAK3-M576IEAASLKQV	1508	1281
>JAK3-M576IFLEAASLM	377	>JAK3-M576IFLEAASLK	19556	19179
>JAK3-M576IFLEAASLMSC	23	>JAK3-M576IFLEAASLKQ\	74	51
>JAK3-M576IFLEAASLM	16	>JAK3-M576IFLEAASLK	1773	1757
>JAK3-M576IFLEAASLMS	331	>JAK3-M576IFLEAASLKS	499	168
>JAK3-M576IFLEAASLMSC	3	>JAK3-M576IFLEAASLKQ\	6	3
>JAK3-M576IFLEAASLM	245	>JAK3-M576IFLEAASLK	12160	11915
>JAK3-M576IFLEAASLMSC	5	>JAK3-M576IFLEAASLKQ\	10	5
>JAK3-M576IFLEAASLMSC	17	>JAK3-M576IFLEAASLKQ\	65	48
>JAK3-M576IFLEAASLM	458	>JAK3-M576IFLEAASLK	11832	11374
>JAK3-M576IFLEAASLMSC	4	>JAK3-M576IFLEAASLKQ\	5	1
>JAK3-M576IFLEAASLMSC	7	>JAK3-M576IFLEAASLKQ\	16	9
>JAK3-M576IFLEAASLMSC	10	>JAK3-M576IFLEAASLKQ\	12	2
>JAK3-M576IFLEAASLMSC	23	>JAK3-M576IFLEAASLKQ\	37	14
>JAK3-M576IFLEAASLM	20	>JAK3-M576IFLEAASLK	748	728
>JAK3-M576IFLEAASLMSC	16	>JAK3-M576IFLEAASLKQ	68	52
>JAK3-M576IFLEAASLMSC	2	>JAK3-M576IFLEAASLKQ\	2	0
>JAK3-M576IFLEAASLM	20786	>JAK3-M576IFLEAASLK	385	20401
>JAK3-M576IFLEAASLM	23234	>JAK3-M576IFLEAASLK	207	23027
>JAK3-M576IFLEAASLMSC	242	>JAK3-M576IFLEAASLKQ\	586	344
>JAK3-M576IFLEAASLM	201	>JAK3-M576IFLEAASLK	11681	11480
>JAK3-M576ISFLEAASLM	25389	>JAK3-M576ISFLEAASLK	227	25162
>JAK3-M576ISFLEAASLM	6245	>JAK3-M576ISFLEAASLK	127	6118

>JAK3-M576ISFLEAASLM	73	>JAK3-M576ISFLEAASLK	9813	9740
>JAK3-M576ISFLEAASLM	476	>JAK3-M576ISFLEAASLK	1701	1225
>JAK3-M576IESFLEAASLM	35148	>JAK3-M576IESFLEAASLK	147	35001
>JAK3-M576IESFLEAASLM	21599	>JAK3-M576IESFLEAASLK	17	21582
>JAK3-M576IESFLEAASLM	17	>JAK3-M576IESFLEAASLK	14647	14630
>JAK3-M576IESFLEAASLM	138	>JAK3-M576IESFLEAASLK	24164	24026
>JAK3-P132T PVLEHLFA	5964	>JAK3-P132T TVLEHLFA	299	5665
>JAK3-P132T PVLEHLFA	648	>JAK3-P132T TVLEHLFA	20	628
>JAK3-P132T PVLEHLFAQ	1622	>JAK3-P132T TVLEHLFAQ	64	1558
>JAK3-P132T PVLEHLFA	1930	>JAK3-P132T TVLEHLFA	388	1542
>JAK3-P132T PVLEHLFAQH	11031	>JAK3-P132T TVLEHLFAQH	395	10636
>JAK3-P132T PVLEHLFAQ	1105	>JAK3-P132T TVLEHLFAQ	251	854
>JAK3-P132T PVLEHLFAQH	2082	>JAK3-P132T TVLEHLFAQH	457	1625
>JAK3-P132T PVLEHLFAQH	767	>JAK3-P132T TVLEHLFAQH	38	729
>JAK3-P132T PVLEHLFAQH	1099	>JAK3-P132T TVLEHLFAQH	108	991
>JAK3-P132T PVLEHLFAQH	4178	>JAK3-P132T TVLEHLFAQH	45	4133
>JAK3-P132T PVLEHLFA	1442	>JAK3-P132T TVLEHLFA	29	1413
>JAK3-P132T PVLEHLFAQ	4814	>JAK3-P132T TVLEHLFAQ	97	4717
>JAK3-P132T PVLEHLFAQH	329	>JAK3-P132T TVLEHLFAQH	208	121
>JAK3-P132T LPVLEHLF	19121	>JAK3-P132T LTVLEHLF	473	18648
>JAK3-P132T LPVLEHLF	13256	>JAK3-P132T LTVLEHLF	5	13251
>JAK3-P132T LPVLEHLFAQ	23584	>JAK3-P132T LTVLEHLFAQ	262	23322
>JAK3-P132T LPVLEHLF	25	>JAK3-P132T LTVLEHLF	2895	2870
>JAK3-P132T LPVLEHLFAQ	164	>JAK3-P132T LTVLEHLFAQ	9983	9819
>JAK3-P132T LPVLEHLF	34	>JAK3-P132T LTVLEHLF	8602	8568
>JAK3-P132T LPVLEHLFA	71	>JAK3-P132T LTVLEHLFA	21418	21347
>JAK3-P132T LPVLEHLF	20545	>JAK3-P132T LTVLEHLF	344	20201
>JAK3-P132T LPVLEHLF	15698	>JAK3-P132T LTVLEHLF	56	15642
>JAK3-P132T LPVLEHLF	11680	>JAK3-P132T LTVLEHLF	362	11318
>JAK3-P132T LPVLEHLFAQ	11136	>JAK3-P132T LTVLEHLFAQ	394	10742
>JAK3-P132T LPVLEHLF	62	>JAK3-P132T LTVLEHLF	12837	12775
>JAK3-P132T DLPVLEHL	618	>JAK3-P132T DLTVEHL	326	292
>JAK3-P132T LDLPVLEHL	1093	>JAK3-P132T LDLTVEHL	132	961
>JAK3-P132T ILDLPVLEHL	201	>JAK3-P132T ILDLTVLEHL	108	93
>JAK3-P132T ILDLPVLEHL	88	>JAK3-P132T ILDLTVLEHL	87	1
>JAK3-P132T ILDLPVLEHL	338	>JAK3-P132T ILDLTVLEHL	299	39
>JAK3-P132T ILDLPVLEHL	657	>JAK3-P132T ILDLTVLEHL	466	191
>JAK3-P132T ILDLPVLEHL	8	>JAK3-P132T ILDLTVLEHL	11	3
>JAK3-P132T ILDLPVLEHL	47	>JAK3-P132T ILDLTVLEHL	27	20
>JAK3-P132T ILDLPVLEHL	23	>JAK3-P132T ILDLTVLEHL	17	6
>JAK3-P132T ILDLPVLEHL	46	>JAK3-P132T ILDLTVLEHL	29	17
>JAK3-P132T ILDLPVLEHL	18	>JAK3-P132T ILDLTVLEHL	16	2
>JAK3-P132T AILDLPVL	67	>JAK3-P132T AILDLTVL	101	34

>JAK3-P132T AILDLPVLEHL	68	>JAK3-P132T AILDLTVEHL	58	10
>JAK3-P132T AILDLPVL	636	>JAK3-P132T AILDLTVL	180	456
>JAK3-P132T AILDLPVLEHL	94	>JAK3-P132T AILDLTVEHL	41	53
>JAK3-P132T AILDLPVL	1259	>JAK3-P132T AILDLTVL	375	884
>JAK3-P132T AILDLPVL	55	>JAK3-P132T AILDLTVL	32	23
>JAK3-P132T AILDLPVLEHL	25	>JAK3-P132T AILDLTVEHL	11	14
>JAK3-P132T AILDLPVL	20	>JAK3-P132T AILDLTVL	48	28
>JAK3-P132T AILDLPVLEHL	12	>JAK3-P132T AILDLTVEHL	19	7
>JAK3-P132T AILDLPVL	146	>JAK3-P132T AILDLTVL	186	40
>JAK3-P132T AILDLPVLEHL	112	>JAK3-P132T AILDLTVEHL	85	27
>JAK3-P132T AILDLPVL	33	>JAK3-P132T AILDLTVL	76	43
>JAK3-P132T AILDLPVLEHL	24	>JAK3-P132T AILDLTVEHL	26	2
>JAK3-P132T AILDLPVL	89	>JAK3-P132T AILDLTVL	181	92
>JAK3-P132T AILDLPVLEHL	181	>JAK3-P132T AILDLTVEHL	111	70
>JAK3-P132T AILDLPVL	14	>JAK3-P132T AILDLTVL	12	2
>JAK3-P132T AILDLPVLEHL	14	>JAK3-P132T AILDLTVEHL	13	1
>JAK3-P132T AILDLPVL	930	>JAK3-P132T AILDLTVL	352	578
>JAK3-P132T SAILDLPV	315	>JAK3-P132T SAILDLTV	443	128
>JAK3-P132T SAILDLPVL	221	>JAK3-P132T SAILDLTVL	39	182
>JAK3-P132T SAILDLPV	30	>JAK3-P132T SAILDLTV	61	31
>JAK3-P132T SAILDLPVL	235	>JAK3-P132T SAILDLTVL	442	207
>JAK3-P132T SAILDLPVL	141	>JAK3-P132T SAILDLTVL	653	512
>JAK3-P132T SAILDLPV	174	>JAK3-P132T SAILDLTV	642	468
>JAK3-P132T SAILDLPV	234	>JAK3-P132T SAILDLTV	1038	804
>JAK3-P132T ASAILDLPV	425	>JAK3-P132T ASAILDLTV	2916	2491
>JAK3-P132T ASAILDLPV	143	>JAK3-P132T ASAILDLTV	79	64
>JAK3-P132T ASAILDLPVL	25	>JAK3-P132T ASAILDLTVL	28	3
>JAK3-P132T ASAILDLPVL	463	>JAK3-P132T ASAILDLTVL	915	452
>JAK3-P132T ASAILDLPVL	392	>JAK3-P132T ASAILDLTVL	173	219
>JAK3-P132T LASAILDLPV	386	>JAK3-P132T LASAILDLTV	493	107
>JAK3-P132T LASAILDLP	2479	>JAK3-P132T LASAILDLT	313	2166
>JAK3-P132T LASAILDLPV	67	>JAK3-P132T LASAILDLTV	87	20
>JAK3-P132T LASAILDLPVL	172	>JAK3-P132T LASAILDLTVL	81	91
>JAK3-P132T LASAILDLPV	155	>JAK3-P132T LASAILDLTV	148	7
>JAK3-P132T LASAILDLPV	67	>JAK3-P132T LASAILDLTV	107	40
>JAK3-P132T LASAILDLPVL	454	>JAK3-P132T LASAILDLTVL	763	309
>JAK3-P132T LASAILDLPV	405	>JAK3-P132T LASAILDLTV	161	244
>JAK3-P132T LASAILDLPV	494	>JAK3-P132T LASAILDLTV	725	231
>JAK3-P132T DLASAILDLP	6414	>JAK3-P132T DLASAILDLT	302	6112
>JAK3-P132T DLASAILDLPV	273	>JAK3-P132T DLASAILDLTV	575	302
>JAK3-P132T DLASAILDLPV	231	>JAK3-P132T DLASAILDLTV	385	154
>JAK3-P132T DLASAILDLPV	104	>JAK3-P132T DLASAILDLTV	77	27
>JAK3-P132T DLASAILDLPV	528	>JAK3-P132T DLASAILDLTV	327	201

>JAK3-P132T DLASAILDLPV	14	>JAK3-P132T DLASAILDLTV	13	1
>JAK3-P132T DLASAILDLPV	55	>JAK3-P132T DLASAILDLTV	31	24
>JAK3-P132T DLASAILDLPV	12	>JAK3-P132T DLASAILDLTV	9	3
>JAK3-P132T DLASAILDLPV	81	>JAK3-P132T DLASAILDLTV	410	329
>JAK3-P132T DLASAILDLPV	84	>JAK3-P132T DLASAILDLTV	243	159
>JAK3-P151R LPVGLSLK	22301	>JAK3-P151R LRVGLSLK	83	22218
>JAK3-P151R LPVGLSLK	326	>JAK3-P151R LRVGLSLK	28391	28065
>JAK3-P151R HRSDLVSGRL	3586	>JAK3-P151R HRSDLVSGRL	136	3450
>JAK3-P151R RLPVGLSL	303	>JAK3-P151R RLRVGLSL	956	653
>JAK3-P151R RLPVGLSL	82	>JAK3-P151R RLRVGLSL	87	5
>JAK3-P151R RLPVGLSL	234	>JAK3-P151R RLRVGLSL	2265	2031
>JAK3-P151R RLPVGLSL	44	>JAK3-P151R RLRVGLSL	313	269
>JAK3-P151R RLPVGLSL	334	>JAK3-P151R RLRVGLSL	1178	844
>JAK3-P151R RLPVGLSL	102	>JAK3-P151R RLRVGLSL	1323	1221
>JAK3-P151R RLPVGLSL	12	>JAK3-P151R RLRVGLSL	18	6
>JAK3-P151R RLPVGLSLK	49	>JAK3-P151R RLRVGLSLK	28	21
>JAK3-P151R RLPVGLSLK	408	>JAK3-P151R RLRVGLSLK	818	410
>JAK3-P151R RLPVGLSL	9565	>JAK3-P151R RLRVGLSL	13	9552
>JAK3-P151R RLPVGLSLK	667	>JAK3-P151R RLRVGLSLK	4	663
>JAK3-P151R RLPVGLSLKEC	14695	>JAK3-P151R RLRVGLSLKEC	131	14564
>JAK3-P151R RLPVGLSLK	1143	>JAK3-P151R RLRVGLSLK	68	1075
>JAK3-P151R RLPVGLSL	464	>JAK3-P151R RLRVGLSL	1323	859
>JAK3-P151R RLPVGLSL	3934	>JAK3-P151R RLRVGLSL	33	3901
>JAK3-P151R RLPVGLSL	1566	>JAK3-P151R RLRVGLSL	126	1440
>JAK3-P151R RLPVGLSL	2137	>JAK3-P151R RLRVGLSL	159	1978
>JAK3-P151R RLPVGLSL	6587	>JAK3-P151R RLRVGLSL	87	6500
>JAK3-P151R RLPVGLSLK	1194	>JAK3-P151R RLRVGLSLK	476	718
>JAK3-P151R GRPLVGLSLK	492	>JAK3-P151R GRPLRVGLSLK	770	278
>JAK3-P151R GRPLVGLSL	491	>JAK3-P151R GRPLRVGLSL	371	120
>JAK3-P151R GRPLVGLS	1257	>JAK3-P151R GRPLRVGLS	430	827
>JAK3-P151R GRPLVGLSL	64	>JAK3-P151R GRPLRVGLSL	33	31
>JAK3-P151R GRPLVGLSLK	124	>JAK3-P151R GRPLRVGLSLK	70	54
>JAK3-P151R GRPLVGLSL	293	>JAK3-P151R GRPLRVGLSL	925	632
>JAK3-P151R GRPLVGLSL	98	>JAK3-P151R GRPLRVGLSL	60	38
>JAK3-P151R GRPLVGLSL	13	>JAK3-P151R GRPLRVGLSL	17	4
>JAK3-P151R SGRLPVGLSL	842	>JAK3-P151R SGRLRVGLSL	382	460
>JAK3-P151R SGRLPVGLSLI	19	>JAK3-P151R SGRLRVGLSLI	12	7
>JAK3-P151R VSGRLPVGL	780	>JAK3-P151R VSGRLRVGL	206	574
>JAK3-P151R VSGRLPVGLS	287	>JAK3-P151R VSGRLRVGLS	753	466
>JAK3-P151R LVSGRLPV	334	>JAK3-P151R LVSGRLRV	1906	1572
>JAK3-P151R LVSGRLPV	169	>JAK3-P151R LVSGRLRV	455	286
>JAK3-P151R LVSGRLPVGL	306	>JAK3-P151R LVSGRLRVGL	655	349
>JAK3-P151R LVSGRLPV	38	>JAK3-P151R LVSGRLRV	136	98

>JAK3-P151RLVSGRLPVGL	278	>JAK3-P151RLVSGRLRVGL	991	713
>JAK3-P151RLVSGRLPV	32	>JAK3-P151RLVSGRLRV	262	230
>JAK3-P151RLVSGRLPV	258	>JAK3-P151RLVSGRLRV	436	178
>JAK3-P151RLVSGRLPV	467	>JAK3-P151RLVSGRLRV	2056	1589
>JAK3-P151RLVSGRLPV	5	>JAK3-P151RLVSGRLRV	6	1
>JAK3-P151RLVSGRLPVGL	45	>JAK3-P151RLVSGRLRVGL	126	81
>JAK3-P151RLVSGRLPV	111	>JAK3-P151RLVSGRLRV	520	409
>JAK3-P151RLVSGRLPVGL	190	>JAK3-P151RLVSGRLRVGL	1166	976
>JAK3-P151RDLVSGRLPV	253	>JAK3-P151RDLVSGRLRV	660	407
>JAK3-P151RDLVSGRLPV	13	>JAK3-P151RDLVSGRLRV	11	2
>JAK3-P151RDLVSGRLPVG	174	>JAK3-P151RDLVSGRLRVC	140	34
>JAK3-P151RDLVSGRLP	28364	>JAK3-P151RDLVSGRLR	75	28289
>JAK3-P151RDLVSGRLP	32084	>JAK3-P151RDLVSGRLR	106	31978
>JAK3-P151RDLVSGRLPV	255	>JAK3-P151RDLVSGRLRV	1375	1120
>JAK3-P151RDLVSGRLPV	84	>JAK3-P151RDLVSGRLRV	777	693
>JAK3-P151RSDLVSGRLPV	158	>JAK3-P151RSDLVSGRLRV	172	14
>JAK3-P151RSDLVSGRLP	18135	>JAK3-P151RSDLVSGRLR	31	18104
>JAK3-P151RSDLVSGRLP	345	>JAK3-P151RSDLVSGRLR	330	15
>JAK3-P434RPTGTFLVGL	3190	>JAK3-P434RRTGTFLVGL	257	2933
>JAK3-P434RPTGTFLVGL	4393	>JAK3-P434RRTGTFLVGL	320	4073
>JAK3-P434RPTGTFLV	7567	>JAK3-P434RRTGTFLV	139	7428
>JAK3-P434RPTGTFLVGL	6270	>JAK3-P434RRTGTFLVGL	194	6076
>JAK3-P434RPTGTFLV	4116	>JAK3-P434RRTGTFLV	184	3932
>JAK3-P434RPTGTFLV	11205	>JAK3-P434RRTGTFLV	268	10937
>JAK3-P434RPTGTFLVGL	4413	>JAK3-P434RRTGTFLVGL	39	4374
>JAK3-P434RPTGTFLVGL	10144	>JAK3-P434RRTGTFLVGL	14	10130
>JAK3-P434RPTGTFLVGL	1877	>JAK3-P434RRTGTFLVGL	227	1650
>JAK3-P434RPTGTFLV	12388	>JAK3-P434RRTGTFLV	150	12238
>JAK3-P434RPTGTFLVGL	3088	>JAK3-P434RRTGTFLVGL	67	3021
>JAK3-P434RSPTGTFL	60	>JAK3-P434RSRTGTFL	26026	25966
>JAK3-P434RSPTGTFLV	465	>JAK3-P434RSRTGTFLV	37490	37025
>JAK3-P434RSPTGTFLVGI	311	>JAK3-P434RSRTGTFLVGI	34733	34422
>JAK3-P434RSPTGTFL	95	>JAK3-P434RSRTGTFL	23128	23033
>JAK3-P434RSPTGTFLV	466	>JAK3-P434RSRTGTFLV	23975	23509
>JAK3-P434RSPTGTFLVGI	115	>JAK3-P434RSRTGTFLVGI	22338	22223
>JAK3-P434RSPTGTFL	20998	>JAK3-P434RSRTGTFL	80	20918
>JAK3-P434RSPTGTFLV	20009	>JAK3-P434RSRTGTFLV	112	19897
>JAK3-P434RSPTGTFLVGI	20477	>JAK3-P434RSRTGTFLVGI	54	20423
>JAK3-P434RSPTGTFL	270	>JAK3-P434RSRTGTFL	150	120
>JAK3-P434RSPTGTFL	205	>JAK3-P434RSRTGTFL	26685	26480
>JAK3-P434RSPTGTFLV	476	>JAK3-P434RSRTGTFLV	31767	31291
>JAK3-P434RSPTGTFLV	64	>JAK3-P434RSRTGTFLV	26312	26248
>JAK3-P434RSPTGTFLV	431	>JAK3-P434RSRTGTFLV	5454	5023



>JAK3-P434R SPTGTFLLV	23991	>JAK3-P434R SRTGTFLLV	197	23794
>JAK3-P434R SPTGTFLLVGI	18989	>JAK3-P434R SRTGTFLLVGI	154	18835
>JAK3-P434R SPTGTFLLV	19085	>JAK3-P434R SRTGTFLLV	59	19026
>JAK3-P434R SPTGTFLLVGI	9919	>JAK3-P434R SRTGTFLLVGI	18	9901
>JAK3-P434R DYKGCLIRRSF	23665	>JAK3-P434R DYKGCLIRRSF	416	23249
>JAK3-P434R DYKGCLIRRSF	8357	>JAK3-P434R DYKGCLIRRSF	8	8349
>JAK3-P434R DYKGCLIRRSF	32190	>JAK3-P434R DYKGCLIRRSF	120	32070
>JAK3-P434R RSPTGTFLLV	338	>JAK3-P434R RSRTGTFLLV	2398	2060
>JAK3-P434R RSPTGTFL	2975	>JAK3-P434R RSRTGTFL	5	2970
>JAK3-P434R RSPTGTFL	2393	>JAK3-P434R RSRTGTFL	5	2388
>JAK3-P434R RSPTGTFLLV	954	>JAK3-P434R RSRTGTFLLV	4	950
>JAK3-P434R RSPTGTFLLV	7175	>JAK3-P434R RSRTGTFLLV	8	7167
>JAK3-P434R RSPTGTFL	172	>JAK3-P434R RSRTGTFL	538	366
>JAK3-P434R RSPTGTFLLV	103	>JAK3-P434R RSRTGTFLLV	851	748
>JAK3-P434R RSPTGTFL	2174	>JAK3-P434R RSRTGTFL	126	2048
>JAK3-P434R RSPTGTFL	93	>JAK3-P434R RSRTGTFL	4	89
>JAK3-P434R RSPTGTFL	98	>JAK3-P434R RSRTGTFL	3	95
>JAK3-P434R RSPTGTFLLV	3667	>JAK3-P434R RSRTGTFLLV	30	3637
>JAK3-P434R RSPTGTFL	2655	>JAK3-P434R RSRTGTFL	205	2450
>JAK3-P434R RSPTGTFL	8	>JAK3-P434R RSRTGTFL	4284	4276
>JAK3-P434R RSPTGTFL	2	>JAK3-P434R RSRTGTFL	242	240
>JAK3-P434R RSPTGTFLLV	3	>JAK3-P434R RSRTGTFLLV	603	600
>JAK3-P434R RSPTGTFLLV	138	>JAK3-P434R RSRTGTFLLV	15827	15689
>JAK3-P434R RSPTGTFL	391	>JAK3-P434R RSRTGTFL	85	306
>JAK3-P434R RSPTGTFL	1797	>JAK3-P434R RSRTGTFL	34	1763
>JAK3-P434R RSPTGTFLLV	468	>JAK3-P434R RSRTGTFLLV	182	286
>JAK3-P434R RSPTGTFL	6422	>JAK3-P434R RSRTGTFL	447	5975
>JAK3-P434R RSPTGTFL	665	>JAK3-P434R RSRTGTFL	132	533
>JAK3-P434R RSPTGTFL	106	>JAK3-P434R RSRTGTFL	146	40
>JAK3-P434R RSPTGTFL	99	>JAK3-P434R RSRTGTFL	104	5
>JAK3-P434R RRSPTGTFL	15	>JAK3-P434R RRSRTGTFL	15	0
>JAK3-P434R RRSPTGTFL	47	>JAK3-P434R RRSRTGTFL	35	12
>JAK3-P434R RRSPTGTFL	170	>JAK3-P434R RRSRTGTFL	141	29
>JAK3-P434R RRSPTGTFL	171	>JAK3-P434R RRSRTGTFL	139	32
>JAK3-P434R RRSPTGTFL	120	>JAK3-P434R RRSRTGTFL	58	62
>JAK3-P434R RRSPTGTFL	77	>JAK3-P434R RRSRTGTFL	43	34
>JAK3-P434R RRSPTGTFL	25	>JAK3-P434R RRSRTGTFL	20	5
>JAK3-P434R RRSPTGTFL	68	>JAK3-P434R RRSRTGTFL	47	21
>JAK3-P434R RRSPTGTFL	177	>JAK3-P434R RRSRTGTFL	447	270
>JAK3-P434R RRSPTGTFL	871	>JAK3-P434R RRSRTGTFL	207	664
>JAK3-P434R RRSPTGTFL	27	>JAK3-P434R RRSRTGTFL	24	3
>JAK3-P434R RRSPTGTFL	37	>JAK3-P434R RRSRTGTFL	19	18
>JAK3-P434R RRSPTGTFL	39	>JAK3-P434R RRSRTGTFL	35	4

>JAK3-P434R RRSPTGTFL	14	>JAK3-P434R RRSRTGTFL	22	8
>JAK3-P434R RRSPTGTFL	28	>JAK3-P434R RRSRTGTFL	25	3
>JAK3-P434R RRSPTGTFL	19	>JAK3-P434R RRSRTGTFL	25	6
>JAK3-P434R RRSPTGTF	106	>JAK3-P434R RRSRTGTF	181	75
>JAK3-P434R IRRSPTGTF	8	>JAK3-P434R IRRSRTGTF	19	11
>JAK3-P434R IRRSPTGTFL	45	>JAK3-P434R IRRSRTGTFL	74	29
>JAK3-P434R IRRSPTGTFL	202	>JAK3-P434R IRRSRTGTFL	366	164
>JAK3-P434R IRRSPTGTFL	34	>JAK3-P434R IRRSRTGTFL	24	10
>JAK3-P434R IRRSPTGTFL	868	>JAK3-P434R IRRSRTGTFL	372	496
>JAK3-P434R IRRSPTGTF	62	>JAK3-P434R IRRSRTGTF	237	175
>JAK3-P434R IRRSPTGTF	584	>JAK3-P434R IRRSRTGTF	492	92
>JAK3-P434R IRRSPTGTFL	53	>JAK3-P434R IRRSRTGTFL	42	11
>JAK3-P434R IRRSPTGTFL	93	>JAK3-P434R IRRSRTGTFL	81	12
>JAK3-P434R IRRSPTGTF	524	>JAK3-P434R IRRSRTGTF	73	451
>JAK3-P434R IRRSPTGTFL	32	>JAK3-P434R IRRSRTGTFL	28	4
>JAK3-P434R IRRSPTGTFL	43	>JAK3-P434R IRRSRTGTFL	16	27
>JAK3-P434R LIRRSPTGTFL	296	>JAK3-P434R LIRRSRTGTFL	1096	800
>JAK3-P434R LIRRSPTGTFL	201	>JAK3-P434R LIRRSRTGTFL	229	28
>JAK3-P434R LIRRSPTG	86	>JAK3-P434R LIRRSRTG	139	53
>JAK3-P434R LIRRSPTGTFL	39	>JAK3-P434R LIRRSRTGTFL	27	12
>JAK3-P434R LIRRSPTGTFL	930	>JAK3-P434R LIRRSRTGTFL	227	703
>JAK3-P434R LIRRSPTGTF	56	>JAK3-P434R LIRRSRTGTF	49	7
>JAK3-P434R LIRRSPTGTF	363	>JAK3-P434R LIRRSRTGTF	662	299
>JAK3-P434R LIRRSPTGTF	37	>JAK3-P434R LIRRSRTGTF	60	23
>JAK3-P434R LIRRSPTGTFL	295	>JAK3-P434R LIRRSRTGTFL	318	23
>JAK3-P434R LIRRSPTGTF	69	>JAK3-P434R LIRRSRTGTF	130	61
>JAK3-P434R LIRRSPTGTF	68	>JAK3-P434R LIRRSRTGTF	82	14
>JAK3-P434R LIRRSPTGTFL	415	>JAK3-P434R LIRRSRTGTFL	363	52
>JAK3-P434R CLIRRSPTGT	224	>JAK3-P434R CLIRRSRTGT	938	714
>JAK3-P434R CLIRRSPTGTF	480	>JAK3-P434R CLIRRSRTGTF	632	152
>JAK3-P434R CLIRRSPTGTF	845	>JAK3-P434R CLIRRSRTGTF	224	621
>JAK3-P434R CLIRRSPTGTF	204	>JAK3-P434R CLIRRSRTGTF	236	32
>JAK3-P434R CLIRRSPTGTF	177	>JAK3-P434R CLIRRSRTGTF	291	114
>JAK3-P434R KGCLIRRSR	18017	>JAK3-P434R KGCLIRRSR	67	17950
>JAK3-P434R KGCLIRRSR	31040	>JAK3-P434R KGCLIRRSR	173	30867
>JAK3-Q501F QPQSQYQL	105	>JAK3-Q501F HPQSQYQL	50	55
>JAK3-Q501F QPQSQYQLS	216	>JAK3-Q501F HPQSQYQLS	94	122
>JAK3-Q501F QPQSQYQL	1661	>JAK3-Q501F HPQSQYQL	141	1520
>JAK3-Q501F QPQSQYQLS	976	>JAK3-Q501F HPQSQYQLS	107	869
>JAK3-Q501F QPQSQYQL	1655	>JAK3-Q501F HPQSQYQL	376	1279
>JAK3-Q501F QPQSQYQLS	215	>JAK3-Q501F HPQSQYQLS	55	160
>JAK3-Q501F QPQSQYQL	1491	>JAK3-Q501F HPQSQYQL	137	1354
>JAK3-Q501F QPQSQYQL	976	>JAK3-Q501F HPQSQYQL	303	673

>JAK3-Q501F QPQSQYQL	685	>JAK3-Q501F HPQSQYQL	93	592
>JAK3-Q501F QPQSQYQLSC	2940	>JAK3-Q501F HPQSQYQLSC	391	2549
>JAK3-Q501F LVQPQSQYQ	36	>JAK3-Q501F LVHPQSQYQI	30	6
>JAK3-Q501F LVQPQSQY	1237	>JAK3-Q501F LVHPQSQY	399	838
>JAK3-Q501F LVQPQSQY	58	>JAK3-Q501F LVHPQSQY	36	22
>JAK3-Q501F LVQPQSQYQ	3749	>JAK3-Q501F LVHPQSQYQ	84	3665
>JAK3-Q501F LVQPQSQYQ	5055	>JAK3-Q501F LVHPQSQYQI	221	4834
>JAK3-Q501F LVQPQSQYQ	6432	>JAK3-Q501F LVHPQSQYQI	222	6210
>JAK3-Q501F LVQPQSQY	169	>JAK3-Q501F LVHPQSQY	228	59
>JAK3-Q501F LVQPQSQY	89	>JAK3-Q501F LVHPQSQY	88	1
>JAK3-Q501F LVQPQSQY	357	>JAK3-Q501F LVHPQSQY	345	12
>JAK3-Q501F LVQPQSQY	24	>JAK3-Q501F LVHPQSQY	12	12
>JAK3-Q501F LVQPQSQYQ	246	>JAK3-Q501F LVHPQSQYQI	88	158
>JAK3-Q501F LVQPQSQY	407	>JAK3-Q501F LVHPQSQY	236	171
>JAK3-Q501F LVQPQSQY	471	>JAK3-Q501F LVHPQSQY	1656	1185
>JAK3-Q501F SLVQPQSQYC	307	>JAK3-Q501F SLVHPQSQYC	240	67
>JAK3-Q501F SLVQPQSQYC	33	>JAK3-Q501F SLVHPQSQYC	28	5
>JAK3-Q501F SLVQPQSQYC	320	>JAK3-Q501F SLVHPQSQYC	146	174
>JAK3-Q501F SLVQPQSQYC	9	>JAK3-Q501F SLVHPQSQYC	15	6
>JAK3-Q501F SLVQPQSQYC	124	>JAK3-Q501F SLVHPQSQYC	77	47
>JAK3-Q501F SLVQPQSQYC	32	>JAK3-Q501F SLVHPQSQYC	48	16
>JAK3-Q501F SLVQPQSQYC	279	>JAK3-Q501F SLVHPQSQYC	555	276
>JAK3-Q501F SLVQPQSQ	125	>JAK3-Q501F SLVHPQSQ	373	248
>JAK3-Q501F SLVQPQSQYC	61	>JAK3-Q501F SLVHPQSQYC	163	102
>JAK3-Q501F SLVQPQSQYC	3	>JAK3-Q501F SLVHPQSQYC	5	2
>JAK3-Q501F SLVQPQSQY	1609	>JAK3-Q501F SLVHPQSQY	426	1183
>JAK3-Q501F SLVQPQSQY	50	>JAK3-Q501F SLVHPQSQY	118	68
>JAK3-Q501F SLVQPQSQY	68	>JAK3-Q501F SLVHPQSQY	43	25
>JAK3-Q501F SLVQPQSQY	199	>JAK3-Q501F SLVHPQSQY	144	55
>JAK3-Q501F SLVQPQSQY	1024	>JAK3-Q501F SLVHPQSQY	385	639
>JAK3-Q501F SLVQPQSQY	116	>JAK3-Q501F SLVHPQSQY	130	14
>JAK3-Q501F SLVQPQSQY	28	>JAK3-Q501F SLVHPQSQY	36	8
>JAK3-Q501F SLVQPQSQY	414	>JAK3-Q501F SLVHPQSQY	132	282
>JAK3-Q501F SLVQPQSQY	122	>JAK3-Q501F SLVHPQSQY	153	31
>JAK3-Q501F SLVQPQSQY	17	>JAK3-Q501F SLVHPQSQY	22	5
>JAK3-Q501F SLVQPQSQY	836	>JAK3-Q501F SLVHPQSQY	373	463
>JAK3-Q501F SSLVQPQSQY	834	>JAK3-Q501F SSLVHPQSQY	486	348
>JAK3-Q501F SSLVQPQSQY	547	>JAK3-Q501F SSLVHPQSQY	229	318
>JAK3-Q501F SSLVQPQSQY	79	>JAK3-Q501F SSLVHPQSQY	92	13
>JAK3-Q501F SSLVQPQSQY	180	>JAK3-Q501F SSLVHPQSQY	105	75
>JAK3-Q501F SSLVQPQSQY	4	>JAK3-Q501F SSLVHPQSQY	4	0
>JAK3-Q501F SSLVQPQSQY	558	>JAK3-Q501F SSLVHPQSQY	461	97
>JAK3-Q501F SSLVQPQSQY	28	>JAK3-Q501F SSLVHPQSQY	37	9

>JAK3-Q501F TSSLVQPQSC	273	>JAK3-Q501F TSSLVHPQSQ	336	63
>JAK3-Q501F TSSLVQPQSC	333	>JAK3-Q501F TSSLVHPQSQ	217	116
>JAK3-Q501F TSSLVQPQSC	85	>JAK3-Q501F TSSLVHPQSQ	122	37
>JAK3-Q501F TSSLVQPQSC	463	>JAK3-Q501F TSSLVHPQSQ	367	96
>JAK3-Q501F TSSLVQPQSC	24	>JAK3-Q501F TSSLVHPQSQ	14	10
>JAK3-Q501F TSSLVQPQSC	86	>JAK3-Q501F TSSLVHPQSQ	177	91
>JAK3-Q501F TSSLVQPQSC	20	>JAK3-Q501F TSSLVHPQSQ	14	6
>JAK3-Q501F HSPPTSSLVQ	277	>JAK3-Q501F HSPPTSSLVH	536	259
>JAK3-R657C REGADGSPPI	152	>JAK3-R657C QEGADGSPPI	65	87
>JAK3-R657C REGADGSPPI	64	>JAK3-R657C QEGADGSPPI	177	113
>JAK3-R657C REGADGSPPI	45	>JAK3-R657C QEGADGSPPI	325	280
>JAK3-R657C REGADGSPPI	73	>JAK3-R657C QEGADGSPPI	772	699
>JAK3-R657C REGADGSPPI	300	>JAK3-R657C QEGADGSPPI	580	280
>JAK3-R657C REGADGSPPI	206	>JAK3-R657C QEGADGSPPI	1733	1527
>JAK3-R657C REGADGSPPI	302	>JAK3-R657C QEGADGSPPI	285	17
>JAK3-R657C REGADGSPPI	31	>JAK3-R657C QEGADGSPPI	191	160
>JAK3-R657C AREGADGSP	22198	>JAK3-R657C AQEGADGSP	353	21845
>JAK3-R657C AREGADGSP	12857	>JAK3-R657C AQEGADGSP	67	12790
>JAK3-R657C AREGADGSP	7792	>JAK3-R657C AQEGADGSP	252	7540
>JAK3-R657C AREGADGSP	774	>JAK3-R657C AQEGADGSP	191	583
>JAK3-R657C NVSARKVLLA	163	>JAK3-R657C NVSARKVLLA	17316	17153
>JAK3-R657C NVSARKVLLA	74	>JAK3-R657C NVSARKVLLA	17401	17327
>JAK3-R657C NVSARKVLLA	25	>JAK3-R657C NVSARKVLLA	4183	4158
>JAK3-R657C VLLAREGA	340	>JAK3-R657C VLLAQEGA	290	50
>JAK3-R657C VLLAREGA	37	>JAK3-R657C VLLAQEGA	17	20
>JAK3-R657C VLLAREGA	542	>JAK3-R657C VLLAQEGA	140	402
>JAK3-R657C VLLAREGA	78	>JAK3-R657C VLLAQEGA	31	47
>JAK3-R657C VLLAREGA	470	>JAK3-R657C VLLAQEGA	84	386
>JAK3-R657C VLLAREGA	21	>JAK3-R657C VLLAQEGA	17	4
>JAK3-R657C KVLLAREGA	483	>JAK3-R657C KVLLAQEGA	220	263
>JAK3-R657C KVLLAREGA	499	>JAK3-R657C KVLLAQEGA	1273	774
>JAK3-R657C ARKVLLAR	157	>JAK3-R657C ARKVLLAQ	2615	2458
>JAK3-R657C SARKVLLAR	48	>JAK3-R657C SARKVLLAQ	163	115
>JAK3-R657C SARKVLLAR	55	>JAK3-R657C SARKVLLAQ	15522	15467
>JAK3-R657C SARKVLLAR	356	>JAK3-R657C SARKVLLAQ	28119	27763
>JAK3-R657C SARKVLLAR	389	>JAK3-R657C SARKVLLAQ	23244	22855
>JAK3-R657C VSARKVLLAR	378	>JAK3-R657C VSARKVLLAQ	29612	29234
>JAK3-R657C VSARKVLLAR	107	>JAK3-R657C VSARKVLLAQ	21725	21618
>JAK3-R657C VSARKVLLAR	299	>JAK3-R657C VSARKVLLAQ	34262	33963
>JAK3-R918C RARLDASR	50	>JAK3-R918C CARLDASR	3683	3633
>JAK3-R918C RARLDASRL	239	>JAK3-R918C CARLDASRL	7821	7582
>JAK3-R918C RARLDASRLL	30	>JAK3-R918C CARLDASRLL	1179	1149
>JAK3-R918C RARLDASRLI	21	>JAK3-R918C CARLDASRLI	596	575

>JAK3-R918C RARLDASR	40	>JAK3-R918C CARLDASR	728	688
>JAK3-R918C RARLDASR	1603	>JAK3-R918C CARLDASR	244	1359
>JAK3-R918C RARLDASRL	93	>JAK3-R918C CARLDASRL	5550	5457
>JAK3-R918C RARLDASRLI	65	>JAK3-R918C CARLDASRLI	2675	2610
>JAK3-R918C RARLDASRL	5	>JAK3-R918C CARLDASRL	171	166
>JAK3-R918C RARLDASRLL	11	>JAK3-R918C CARLDASRLL	1014	1003
>JAK3-R918C RARLDASRLI	9	>JAK3-R918C CARLDASRLI	583	574
>JAK3-R918C RARLDASRL	37	>JAK3-R918C CARLDASRL	747	710
>JAK3-R918C RARLDASRLI	195	>JAK3-R918C CARLDASRLI	2709	2514
>JAK3-R918C RARLDASRLI	494	>JAK3-R918C CARLDASRLI	19507	19013
>JAK3-R918C RARLDASRLI	390	>JAK3-R918C CARLDASRLI	13925	13535
>JAK3-R918C HRARLDASR	74	>JAK3-R918C HCARLDASR	22060	21986
>JAK3-R918C HRARLDASRL	28	>JAK3-R918C HCARLDASRL	22155	22127
>JAK3-R918C HRARLDASRL	50	>JAK3-R918C HCARLDASRL	20872	20822
>JAK3-R918C HRARLDASRL	183	>JAK3-R918C HCARLDASRL	7446	7263
>JAK3-R918C HRARLDASRL	199	>JAK3-R918C HCARLDASRL	9792	9593
>JAK3-R918C HRARLDASRL	304	>JAK3-R918C HCARLDASRL	26768	26464
>JAK3-R918C HRARLDASRL	33	>JAK3-R918C HCARLDASRL	21237	21204
>JAK3-R918C HRARLDASR	397	>JAK3-R918C HCARLDASR	119	278
>JAK3-R918C RHRARLDA	248	>JAK3-R918C RHCARLDA	10361	10113
>JAK3-R918C RHRARLDASF	339	>JAK3-R918C RHCARLDASF	175	164
>JAK3-R918C RHRARLDASF	383	>JAK3-R918C RHCARLDASF	1745	1362
>JAK3-R918C RHRARLDASF	385	>JAK3-R918C RHCARLDASF	723	338
>JAK3-R918C RHRARLDASF	698	>JAK3-R918C RHCARLDASF	287	411
>JAK3-R918C QRHRARLDA'	202	>JAK3-R918C QRHCARLDA'	251	49
>JAK3-R918C LQRHRARLD/	199	>JAK3-R918C LQRHCARLD/	646	447
>JAK3-R918C LQRHRARL	264	>JAK3-R918C LQRHCARL	4250	3986
>JAK3-R918C LQRHRARL	180	>JAK3-R918C LQRHCARL	136	44
>JAK3-R918C LQRHRARL	61	>JAK3-R918C LQRHCARL	43	18
>JAK3-R918C LQRHRARLD/	335	>JAK3-R918C LQRHCARLD/	154	181
>JAK3-R918C FLQRHRARL	127	>JAK3-R918C FLQRHCARL	23	104
>JAK3-R918C FLQRHRARLE	1530	>JAK3-R918C FLQRHCARLE	408	1122
>JAK3-R918C FLQRHRARL	20	>JAK3-R918C FLQRHCARL	7	13
>JAK3-R918C FLQRHRARLE	1093	>JAK3-R918C FLQRHCARLE	434	659
>JAK3-R918C FLQRHRARL	34	>JAK3-R918C FLQRHCARL	9	25
>JAK3-R918C FLQRHRARLE	142	>JAK3-R918C FLQRHCARLE	56	86
>JAK3-R918C FLQRHRARL	1511	>JAK3-R918C FLQRHCARL	372	1139
>JAK3-R918C FLQRHRARL	50	>JAK3-R918C FLQRHCARL	20	30
>JAK3-R918C FLQRHRARL	133	>JAK3-R918C FLQRHCARL	28	105
>JAK3-R918C FLQRHRARL	2118	>JAK3-R918C FLQRHCARL	125	1993
>JAK3-R918C FLQRHRARL	3	>JAK3-R918C FLQRHCARL	2	1
>JAK3-R918C FLQRHRARLE	11	>JAK3-R918C FLQRHCARLE	14	3
>JAK3-R918C FLQRHRAR	133	>JAK3-R918C FLQRHCAR	145	12

>JAK3-R918C FLQRHRAR	225	>JAK3-R918C FLQRHRCAR	140	85
>JAK3-R918C FLQRHRAR	1090	>JAK3-R918C FLQRHRCAR	463	627
>JAK3-R918C FLQRHRARL	20	>JAK3-R918C FLQRHRCARL	30	10
>JAK3-R918C FLQRHRARLC	279	>JAK3-R918C FLQRHRCARLC	493	214
>JAK3-R918C DFLQRHRAR	356	>JAK3-R918C DFLQRHRCAR	124	232
>JAK3-R918C DFLQRHRAR	9	>JAK3-R918C DFLQRHRCAR	7	2
>JAK3-R918C DFLQRHRAR	196	>JAK3-R918C DFLQRHRCAR	36	160
>JAK3-R918C RDFLQRHR	323	>JAK3-R918C RDFLQRHRC	22485	22162
>JAK3-R918C RDFLQRHRAI	189	>JAK3-R918C RDFLQRHCAI	126	63
>JAK3-R918C RDFLQRHRA	458	>JAK3-R918C RDFLQRHCA	211	247
>JAK3-R918C RDFLQRHRAI	258	>JAK3-R918C RDFLQRHCAI	234	24
>JAK3-R918C RDFLQRHRAI	99	>JAK3-R918C RDFLQRHCAI	97	2
>JAK3-R918C RDFLQRHR	115	>JAK3-R918C RDFLQRHRC	34806	34691
>JAK3-R918C RDFLQRHRAI	224	>JAK3-R918C RDFLQRHCAI	90	134
>JAK3-R918C CLRDFLQRHR	215	>JAK3-R918C CLRDFLQRHRC	497	282
>JAK3-R918C CLRDFLQRHR	13	>JAK3-R918C CLRDFLQRHRC	34	21
>JAK3-R918C CLRDFLQRHR	428	>JAK3-R918C CLRDFLQRHRC	674	246
>JAK3-R918C CLRDFLQRHR	27	>JAK3-R918C CLRDFLQRHRC	18043	18016
>JAK3-R918C CLRDFLQRHR	166	>JAK3-R918C CLRDFLQRHRC	32328	32162
>JAK3-R918C CLRDFLQRHR	194	>JAK3-R918C CLRDFLQRHRC	36227	36033
>JAK3-S493C SPPTSSLV	193	>JAK3-S493C CPPTSSLV	1980	1787
>JAK3-S493C SPPTSSLV	2020	>JAK3-S493C CPPTSSLV	471	1549
>JAK3-S493C SPPTSSLV	3896	>JAK3-S493C CPPTSSLV	371	3525
>JAK3-S493C SPPTSSLV	123	>JAK3-S493C CPPTSSLV	33	90
>JAK3-S493C HSPPTSSL	245	>JAK3-S493C HCPPTSSL	1844	1599
>JAK3-S493C HSPPTSSLV	36	>JAK3-S493C HCPPTSSLV	284	248
>JAK3-S493C HSPPTSSL	48	>JAK3-S493C HCPPTSSL	17157	17109
>JAK3-S493C HSPPTSSL	4	>JAK3-S493C HCPPTSSL	2947	2943
>JAK3-S493C HSPPTSSLV	5	>JAK3-S493C HCPPTSSLV	547	542
>JAK3-S493C HSPPTSSLVQ	277	>JAK3-S493C HCPPTSSLVQ	19413	19136
>JAK3-S493C HSPPTSSLV	350	>JAK3-S493C HCPPTSSLV	2053	1703
>JAK3-S493C HSPPTSSL	68	>JAK3-S493C HCPPTSSL	1602	1534
>JAK3-S493C HSPPTSSLV	353	>JAK3-S493C HCPPTSSLV	6835	6482
>JAK3-S493C GHSPPTSSL	158	>JAK3-S493C GHCPPTSSL	240	82
>JAK3-S493C RGHPPTSSL'	209	>JAK3-S493C RGHCPTSSL'	204	5
>JAK3-S493C RGHPPTSSL	208	>JAK3-S493C RGHCPTSSL	275	67
>JAK3-S493C RGHPPTSSL	341	>JAK3-S493C RGHCPTSSL	411	70
>JAK3-S493C RGHPPTSSL'	176	>JAK3-S493C RGHCPTSSL'	308	132
>JAK3-S493C QRGHPPTSS	120	>JAK3-S493C QRGHCPTSS	276	156
>JAK3-S493C QRGHPPTSS	317	>JAK3-S493C QRGHCPTSS	159	158
>JAK3-S493C VQRGHSPPT	477	>JAK3-S493C VQRGHCPPT	1406	929
>JAK3-S789P LSDPTPGAL	13241	>JAK3-S789P LPDPTPGAL	20	13221
>JAK3-S789P LSDPTPGAL	34	>JAK3-S789P LPDPTPGAL	21348	21314

>JAK3-S789P LSDPTPGAL	5024	>JAK3-S789P LPDPTPGAL	81	4943
>JAK3-S789P LSDPTPGAL	2192	>JAK3-S789P LPDPTPGAL	126	2066
>JAK3-S789P LSDPTPGA	23220	>JAK3-S789P LPDPTPGA	67	23153
>JAK3-S789P LSDPTPGALA	15575	>JAK3-S789P LPDPTPGALA	35	15540
>JAK3-S789P LSDPTPGAL	119	>JAK3-S789P LPDPTPGAL	7133	7014
>JAK3-S789P LLSDPTPGA	37	>JAK3-S789P LLPDPTPGA	92	55
>JAK3-S789P LLSDPTPGAL	120	>JAK3-S789P LLPDPTPGAL	296	176
>JAK3-S789P LLSDPTPGA	46	>JAK3-S789P LLPDPTPGA	395	349
>JAK3-S789P LLSDPTPGAL	20	>JAK3-S789P LLPDPTPGAL	56	36
>JAK3-S789P LLSDPTPGAL	29	>JAK3-S789P LLPDPTPGAL	210	181
>JAK3-S789P LLSDPTPGA	11	>JAK3-S789P LLPDPTPGA	27	16
>JAK3-S789P LLSDPTPGAL	17	>JAK3-S789P LLPDPTPGAL	38	21
>JAK3-S789P LLSDPTPGAL	12	>JAK3-S789P LLPDPTPGAL	28	16
>JAK3-S789P LLSDPTPGA	20	>JAK3-S789P LLPDPTPGA	23	3
>JAK3-S789P LLSDPTPGAL	159	>JAK3-S789P LLPDPTPGAL	135	24
>JAK3-S789P LLSDPTPGA	6	>JAK3-S789P LLPDPTPGA	6	0
>JAK3-S789P LLSDPTPGAL	6	>JAK3-S789P LLPDPTPGAL	6	0
>JAK3-S789P LLSDPTPGAL	19	>JAK3-S789P LLPDPTPGAL	17	2
>JAK3-S789P LLSDPTPGA	28	>JAK3-S789P LLPDPTPGA	91	63
>JAK3-S789P LLSDPTPGAL	18	>JAK3-S789P LLPDPTPGAL	46	28
>JAK3-S789P LLSDPTPGAL	126	>JAK3-S789P LLPDPTPGAL	387	261
>JAK3-S789P LLSDPTPGA	18	>JAK3-S789P LLPDPTPGA	24	6
>JAK3-S789P LLSDPTPGAL	98	>JAK3-S789P LLPDPTPGAL	119	21
>JAK3-S789P LLSDPTPGAL	121	>JAK3-S789P LLPDPTPGAL	148	27
>JAK3-S789P LLSDPTPGA	5	>JAK3-S789P LLPDPTPGA	19	14
>JAK3-S789P LLSDPTPGAL	32	>JAK3-S789P LLPDPTPGAL	142	110
>JAK3-S789P LLSDPTPGAL	87	>JAK3-S789P LLPDPTPGAL	366	279
>JAK3-S789P LLSDPTPGA	2	>JAK3-S789P LLPDPTPGA	3	1
>JAK3-S789P LLSDPTPGAL	4	>JAK3-S789P LLPDPTPGAL	5	1
>JAK3-S789P LLSDPTPGAL	4	>JAK3-S789P LLPDPTPGAL	6	2
>JAK3-S789P LLSDPTPGAL	10736	>JAK3-S789P LLPDPTPGAL	145	10591
>JAK3-S789P ELLSDPTPGA	354	>JAK3-S789P ELLPDPTPGA	944	590
>JAK3-S789P ELLSDPTPGA	288	>JAK3-S789P ELLPDPTPGA	479	191
>JAK3-S789P ELLSDPTPGA	662	>JAK3-S789P ELLPDPTPGA	460	202
>JAK3-S789P ELLSDPTPGA	49	>JAK3-S789P ELLPDPTPGA	45	4
>JAK3-S789P ELLSDPTPGA	37	>JAK3-S789P ELLPDPTPGA	34	3
>JAK3-S789P ELLSDPTPGA	346	>JAK3-S789P ELLPDPTPGA	253	93
>JAK3-S789P ELLSDPTPGA	248	>JAK3-S789P ELLPDPTPGA	177	71
>JAK3-S789P ELLSDPTPGA	89	>JAK3-S789P ELLPDPTPGA	61	28
>JAK3-S789P ELLSDPTPGA	389	>JAK3-S789P ELLPDPTPGA	254	135
>JAK3-S789P ELLSDPTPGA	25	>JAK3-S789P ELLPDPTPGA	22	3
>JAK3-S789P ELLSDPTPGA	71	>JAK3-S789P ELLPDPTPGA	65	6
>JAK3-S789P ELLSDPTPGA	62	>JAK3-S789P ELLPDPTPGA	31	31

>JAK3-S789P ELLSDPTPGA	222	>JAK3-S789P ELLPDPTPGA	99	123
>JAK3-S789P ELLSDPTPGA	28	>JAK3-S789P ELLPDPTPGA	34	6
>JAK3-S789P ELLSDPTPGA	91	>JAK3-S789P ELLPDPTPGA	111	20
>JAK3-S789P YELLSDPT	60	>JAK3-S789P YELLPDPT	127	67
>JAK3-S789P YELLSDPTPG/	199	>JAK3-S789P YELLPDPTPG/	446	247
>JAK3-S789P YELLSDPTPG/	161	>JAK3-S789P YELLPDPTPG/	372	211
>JAK3-S789P YELLSDPT	150	>JAK3-S789P YELLPDPT	211	61
>JAK3-S789P YELLSDPTPG/	57	>JAK3-S789P YELLPDPTPG/	61	4
>JAK3-T435I- TGTFLLVGLSF	262	>JAK3-T435I- IGTFLLVGLSR	890	628
>JAK3-T435I- PTGTFLLV	5429	>JAK3-T435I- PIGTFLLV	298	5131
>JAK3-T435I- YKGLIRRSP	2259	>JAK3-T435I- YKGLIRRSPI	70	2189
>JAK3-T435I- SPTGTFL	60	>JAK3-T435I- SPIGTFL	15	45
>JAK3-T435I- SPTGTFLV	465	>JAK3-T435I- SPIGTFLV	64	401
>JAK3-T435I- SPTGTFLLVGI	311	>JAK3-T435I- SPIGTFLLVGL	51	260
>JAK3-T435I- SPTGTFLV	1720	>JAK3-T435I- SPIGTFLV	393	1327
>JAK3-T435I- SPTGTFLV	1307	>JAK3-T435I- SPIGTFLV	386	921
>JAK3-T435I- SPTGTFL	95	>JAK3-T435I- SPIGTFL	59	36
>JAK3-T435I- SPTGTFLV	466	>JAK3-T435I- SPIGTFLV	304	162
>JAK3-T435I- SPTGTFLLVGI	115	>JAK3-T435I- SPIGTFLLVGL	80	35
>JAK3-T435I- SPTGTFL	270	>JAK3-T435I- SPIGTFL	37	233
>JAK3-T435I- SPTGTFLLVGI	1041	>JAK3-T435I- SPIGTFLLVGL	150	891
>JAK3-T435I- SPTGTFL	205	>JAK3-T435I- SPIGTFL	154	51
>JAK3-T435I- SPTGTFLV	476	>JAK3-T435I- SPIGTFLV	442	34
>JAK3-T435I- SPTGTFLV	64	>JAK3-T435I- SPIGTFLV	34	30
>JAK3-T435I- SPTGTFLV	431	>JAK3-T435I- SPIGTFLV	2319	1888
>JAK3-T435I- SPTGTFL	1071	>JAK3-T435I- SPIGTFL	381	690
>JAK3-T435I- RSPTGTFLV	338	>JAK3-T435I- RSPIGTFLV	285	53
>JAK3-T435I- RSPTGTFL	172	>JAK3-T435I- RSPIGTFL	356	184
>JAK3-T435I- RSPTGTFLV	103	>JAK3-T435I- RSPIGTFLV	110	7
>JAK3-T435I- RSPTGTFL	93	>JAK3-T435I- RSPIGTFL	36	57
>JAK3-T435I- RSPTGTFL	98	>JAK3-T435I- RSPIGTFL	21	77
>JAK3-T435I- RSPTGTFL	8	>JAK3-T435I- RSPIGTFL	12	4
>JAK3-T435I- RSPTGTFL	2	>JAK3-T435I- RSPIGTFL	2	0
>JAK3-T435I- RSPTGTFLV	3	>JAK3-T435I- RSPIGTFLV	3	0
>JAK3-T435I- RSPTGTFLV(G	138	>JAK3-T435I- RSPIGTFLV(G	110	28
>JAK3-T435I- RSPTGTFL	391	>JAK3-T435I- RSPIGTFL	437	46
>JAK3-T435I- RSPTGTFLV	468	>JAK3-T435I- RSPIGTFLV	189	279
>JAK3-T435I- RSPTGTFL	106	>JAK3-T435I- RSPIGTFL	100	6
>JAK3-T435I- RSPTGTFL	99	>JAK3-T435I- RSPIGTFL	85	14
>JAK3-T435I- RRSPTGTFL	15	>JAK3-T435I- RRSPIGTFL	26	11
>JAK3-T435I- RRSPTGTFL	47	>JAK3-T435I- RRSPIGTFL	152	105
>JAK3-T435I- RRSPTGTFL	170	>JAK3-T435I- RRSPIGTFL	403	233
>JAK3-T435I- RRSPTGTFLV	171	>JAK3-T435I- RRSPIGTFLV	362	191



>JAK3-T435I- RRSPTGTF	120	>JAK3-T435I- RRSPIGTF	62	58
>JAK3-T435I- RRSPTGTFL	77	>JAK3-T435I- RRSPIGTFL	56	21
>JAK3-T435I- RRSPTGTFL	25	>JAK3-T435I- RRSPIGTFL	24	1
>JAK3-T435I- RRSPTGTFL	68	>JAK3-T435I- RRSPIGTFL	53	15
>JAK3-T435I- RRSPTGTFL	177	>JAK3-T435I- RRSPIGTFL	372	195
>JAK3-T435I- RRSPTGTF	871	>JAK3-T435I- RRSPIGTF	327	544
>JAK3-T435I- RRSPTGTFL	27	>JAK3-T435I- RRSPIGTFL	24	3
>JAK3-T435I- RRSPTGTFL	37	>JAK3-T435I- RRSPIGTFL	49	12
>JAK3-T435I- RRSPTGTFL	39	>JAK3-T435I- RRSPIGTFL	35	4
>JAK3-T435I- RRSPTGTF	575	>JAK3-T435I- RRSPIGTF	297	278
>JAK3-T435I- RRSPTGTFL	14	>JAK3-T435I- RRSPIGTFL	10	4
>JAK3-T435I- RRSPTGTFL	28	>JAK3-T435I- RRSPIGTFL	25	3
>JAK3-T435I- RRSPTGTFL	19	>JAK3-T435I- RRSPIGTFL	14	5
>JAK3-T435I- RRSPTGTF	106	>JAK3-T435I- RRSPIGTF	134	28
>JAK3-T435I- IRRSPTGTF	8	>JAK3-T435I- IRRSPIGTF	8	0
>JAK3-T435I- IRRSPTGTFL	45	>JAK3-T435I- IRRSPIGTFL	66	21
>JAK3-T435I- IRRSPTGTFL	202	>JAK3-T435I- IRRSPIGTFL	240	38
>JAK3-T435I- IRRSPTGTFL	34	>JAK3-T435I- IRRSPIGTFL	27	7
>JAK3-T435I- IRRSPTGTF	62	>JAK3-T435I- IRRSPIGTF	62	0
>JAK3-T435I- IRRSPTGTF	584	>JAK3-T435I- IRRSPIGTF	324	260
>JAK3-T435I- IRRSPTGTFL	53	>JAK3-T435I- IRRSPIGTFL	51	2
>JAK3-T435I- IRRSPTGTFL	93	>JAK3-T435I- IRRSPIGTFL	78	15
>JAK3-T435I- IRRSPTGTF	524	>JAK3-T435I- IRRSPIGTF	194	330
>JAK3-T435I- IRRSPTGTFL	32	>JAK3-T435I- IRRSPIGTFL	26	6
>JAK3-T435I- IRRSPTGTFL	43	>JAK3-T435I- IRRSPIGTFL	30	13
>JAK3-T435I- LIRRSPTGTFL	296	>JAK3-T435I- LIRRSPIGTFL	434	138
>JAK3-T435I- LIRRSPTGTFL	201	>JAK3-T435I- LIRRSPIGTFL	208	7
>JAK3-T435I- LIRRSPTG	86	>JAK3-T435I- LIRRSPIG	72	14
>JAK3-T435I- LIRRSPTGT	2431	>JAK3-T435I- LIRRSPIGT	235	2196
>JAK3-T435I- LIRRSPTGTFL	39	>JAK3-T435I- LIRRSPIGTFL	32	7
>JAK3-T435I- LIRRSPTGTF	56	>JAK3-T435I- LIRRSPIGTF	75	19
>JAK3-T435I- LIRRSPTGTF	363	>JAK3-T435I- LIRRSPIGTF	638	275
>JAK3-T435I- LIRRSPTGTF	37	>JAK3-T435I- LIRRSPIGTF	52	15
>JAK3-T435I- LIRRSPTGTFL	295	>JAK3-T435I- LIRRSPIGTFL	604	309
>JAK3-T435I- LIRRSPTGTF	69	>JAK3-T435I- LIRRSPIGTF	72	3
>JAK3-T435I- LIRRSPTGTF	68	>JAK3-T435I- LIRRSPIGTF	100	32
>JAK3-T435I- LIRRSPTGTFL	415	>JAK3-T435I- LIRRSPIGTFL	609	194
>JAK3-T435I- CLIRRSPT	746	>JAK3-T435I- CLIRRSPI	48	698
>JAK3-T435I- CLIRRSPTGT	224	>JAK3-T435I- CLIRRSPIGT	374	150
>JAK3-T435I- CLIRRSPT	7676	>JAK3-T435I- CLIRRSPI	310	7366
>JAK3-T435I- CLIRRSPT	1907	>JAK3-T435I- CLIRRSPI	199	1708
>JAK3-T435I- CLIRRSPTGTF	480	>JAK3-T435I- CLIRRSPIGTF	677	197
>JAK3-T435I- CLIRRSPT	2362	>JAK3-T435I- CLIRRSPI	98	2264

>JAK3-T435I- CLIRRSPTGTF	204	>JAK3-T435I- CLIRRSPIGTF	262	58
>JAK3-T435I- CLIRRSPTGTF	177	>JAK3-T435I- CLIRRSPIGTF	218	41
>JAK3-T435I- GCLIRRSPT	7952	>JAK3-T435I- GCLIRRSPI	413	7539
>JAK3-V715I- VWEVFSGV	279	>JAK3-V715I- IWEVFSGV	323	44
>JAK3-V715I- TVWEVFSGV	20	>JAK3-V715I- TIWEVFSGV	15	5
>JAK3-V715I- TVWEVFSGV'	698	>JAK3-V715I- TIWEVFSGVT	383	315
>JAK3-V715I- TVWEVFSGV	205	>JAK3-V715I- TIWEVFSGV	102	103
>JAK3-V715I- TVWEVFSGV	26	>JAK3-V715I- TIWEVFSGV	14	12
>JAK3-V715I- TVWEVFSGV	5	>JAK3-V715I- TIWEVFSGV	5	0
>JAK3-V715I- TVWEVFSGV'	206	>JAK3-V715I- TIWEVFSGVT	256	50
>JAK3-V715I- TVWEVFSGV	3	>JAK3-V715I- TIWEVFSGV	2	1
>JAK3-V715I- TVWEVFSGV'	182	>JAK3-V715I- TIWEVFSGVT	56	126
>JAK3-V715I- TVWEVFSGV	19	>JAK3-V715I- TIWEVFSGV	11	8
>JAK3-V715I- TVWEVFSGV	8	>JAK3-V715I- TIWEVFSGV	6	2
>JAK3-V715I- TVWEVFSGV'	1088	>JAK3-V715I- TIWEVFSGVT	404	684
>JAK3-V715I- TVWEVFSGV	11	>JAK3-V715I- TIWEVFSGV	5	6
>JAK3-V715I- TVWEVFSGV	5	>JAK3-V715I- TIWEVFSGV	3	2
>JAK3-V715I- TVWEVFSGV'	130	>JAK3-V715I- TIWEVFSGVT	410	280
>JAK3-V715I- TVWEVFSGV'	412	>JAK3-V715I- TIWEVFSGVT	491	79
>JAK3-V715I- TVWEVFSGV	5	>JAK3-V715I- TIWEVFSGV	8	3
>JAK3-V715I- TVWEVFSGV'	233	>JAK3-V715I- TIWEVFSGVT	1079	846
>JAK3-V715I- TVWEVFSGV	3	>JAK3-V715I- TIWEVFSGV	4	1
>JAK3-V715I- TVWEVFSGV'	349	>JAK3-V715I- TIWEVFSGVT	696	347
>JAK3-V715I- TVWEVFSGV'	28	>JAK3-V715I- TIWEVFSGVT	44	16
>JAK3-V715I- TVWEVFSGV'	42	>JAK3-V715I- TIWEVFSGVT	131	89
>JAK3-V715I- TVWEVFSGV'	246	>JAK3-V715I- TIWEVFSGVT	887	641
>JAK3-V715I- EADKWGFGA	180	>JAK3-V715I- EADKWGFGA	2301	2121
>JAK3-V715I- EADKWGFGA	5	>JAK3-V715I- EADKWGFGA	15	10
>JAK3-V715I- ATVWEVFSG'	452	>JAK3-V715I- ATIWEVFSGV	174	278
>JAK3-V715I- ATVWEVFSG'	455	>JAK3-V715I- ATIWEVFSGV	265	190
>JAK3-V715I- ATVWEVFSG'	76	>JAK3-V715I- ATIWEVFSGV	48	28
>JAK3-V715I- ATVWEVFSG'	58	>JAK3-V715I- ATIWEVFSGV	46	12
>JAK3-V715I- ATVWEVFSG'	10	>JAK3-V715I- ATIWEVFSGV	8	2
>JAK3-V715I- ATVWEVFSG'	565	>JAK3-V715I- ATIWEVFSGV	149	416
>JAK3-V715I- ATVWEVFSG'	54	>JAK3-V715I- ATIWEVFSGV	44	10
>JAK3-V715I- ATVWEVFSG'	18	>JAK3-V715I- ATIWEVFSGV	15	3
>JAK3-V715I- ATVWEVFSG'	422	>JAK3-V715I- ATIWEVFSGV	177	245
>JAK3-V715I- ATVWEVFSG'	40	>JAK3-V715I- ATIWEVFSGV	43	3
>JAK3-V715I- ATVWEVFSG'	20	>JAK3-V715I- ATIWEVFSGV	16	4
>JAK3-V715I- ATVWEVFSG'	144	>JAK3-V715I- ATIWEVFSGV	150	6
>JAK3-V715I- ATVWEVFSG'	690	>JAK3-V715I- ATIWEVFSGV	406	284
>JAK3-V715I- GATVWEVFS'	218	>JAK3-V715I- GATIWEVFSC	256	38
>JAK3-V715I- GATVWEVFS'	624	>JAK3-V715I- GATIWEVFSC	308	316

>JAK3-V715I-GATVWEVFSI	285	>JAK3-V715I-GATIWEVFSC	200	85
>JAK3-V715I-GATVWEVFSI	145	>JAK3-V715I-GATIWEVFSC	98	47
>JAK3-V715I-GATVWEV	901	>JAK3-V715I-GATIWEVF	474	427
>JAK3-V715I-FGATVWEV	185	>JAK3-V715I-FGATIWEV	147	38
>JAK3-V715I-FGATVWEV	23	>JAK3-V715I-FGATIWEV	13	10
>JAK3-V715I-FGATVWEV	15	>JAK3-V715I-FGATIWEV	14	1
>JAK3-V715I-FGATVWEV	68	>JAK3-V715I-FGATIWEV	113	45
>JAK3-V715I-FGATVWEV	43	>JAK3-V715I-FGATIWEV	68	25
>JAK3-V715I-FGATVWEV	124	>JAK3-V715I-FGATIWEV	80	44
>JAK3-V715I-FGATVWEV	26	>JAK3-V715I-FGATIWEV	17	9
>JAK3-V715I-FGATVWEVF	380	>JAK3-V715I-FGATIWEVF	671	291
>JAK3-V715I-FGATVWEVF	449	>JAK3-V715I-FGATIWEVF	430	19
>JAK3-V715I-FGATVWEVF	221	>JAK3-V715I-FGATIWEVF	161	60
>JAK3-V715I-FGATVWEVF	381	>JAK3-V715I-FGATIWEVF	1634	1253
>JAK3-V715I-FGATVWEVF	291	>JAK3-V715I-FGATIWEVF	238	53
>JAK3-V715I-GFGATVWEV	323	>JAK3-V715I-GFGATIWEV	307	16
>JAK3-V715I-GFGATVWEV	45	>JAK3-V715I-GFGATIWEV	32	13
>JAK3-V715I-GFGATVWEV	203	>JAK3-V715I-GFGATIWEV	161	42
>JAK3-V715I-GFGATVWEV	29	>JAK3-V715I-GFGATIWEV	28	1
>JAK3-V715I-GFGATVWEV	32	>JAK3-V715I-GFGATIWEV	21	11
>JAK3-V715I-GFGATVWEV	538	>JAK3-V715I-GFGATIWEVF	394	144
>JAK3-V715I-GFGATVWEV	412	>JAK3-V715I-GFGATIWEV	372	40
>JAK3-V715I-GFGATVWEV	19	>JAK3-V715I-GFGATIWEVF	22	3
>JAK3-V715I-GFGATVWEV	759	>JAK3-V715I-GFGATIWEVF	382	377
>JAK3-V715I-GFGATVWEV	124	>JAK3-V715I-GFGATIWEVF	109	15
>JAK3-V715I-WGFGATVW	537	>JAK3-V715I-WGFGATIWE	237	300
>JAK3-V715I-WGFGATVW	35	>JAK3-V715I-WGFGATIWE	29	6
>JAK3-V715I-WGFGATVW	37	>JAK3-V715I-WGFGATIWE	35	2
>JAK3-V715I-WGFGATVW	32	>JAK3-V715I-WGFGATIWE	28	4
>JAK3-V715I-WGFGATVW	332	>JAK3-V715I-WGFGATIWE	293	39
>JAK3-V715I-WGFGATVW	150	>JAK3-V715I-WGFGATIWE	202	52
>JAK3-V715I-WGFGATVW	358	>JAK3-V715I-WGFGATIWE	427	69
>JAK3-V715I-WGFGATVW	128	>JAK3-V715I-WGFGATIWE	158	30
>JAK3-V715I-WGFGATVW	57	>JAK3-V715I-WGFGATIW	101	44
>JAK3-V715I-WGFGATVW	77	>JAK3-V715I-WGFGATIWE	60	17
>JAK3-V715I-WGFGATVW	134	>JAK3-V715I-WGFGATIW	149	15
>JAK3-V715I-WGFGATVW	73	>JAK3-V715I-WGFGATIW	85	12
>JAK3-V715I-WGFGATVW	58	>JAK3-V715I-WGFGATIWE	52	6
>JAK3-V715I-WGFGATVW	354	>JAK3-V715I-WGFGATIW	554	200
>JAK3-V715I-WGFGATVW	206	>JAK3-V715I-WGFGATIW	172	34
>JAK3-V715I-KWGFGATV	692	>JAK3-V715I-KWGFGATIW	471	221
>JAK3-V715I-KWGFGATV	2955	>JAK3-V715I-KWGFGATI	223	2732
>JAK3-V715I-KWGFGATV	4804	>JAK3-V715I-KWGFGATI	316	4488

>JAK3-V715I-KWGFGATV	162	>JAK3-V715I-KWGFGATI	154	8
>JAK3-V715I-KWGFGATVV	342	>JAK3-V715I-KWGFGATIW	319	23
>JAK3-V715I-KWGFGATVV	102	>JAK3-V715I-KWGFGATIW	96	6
>JAK3-V715I-ADKWGFGAT	837	>JAK3-V715I-ADKWGFGAT	415	422
>JAK3-V722I-VTMPISAL	458	>JAK3-V722I-ITMPISAL	242	216
>JAK3-V722I-VTMPISALDP	422	>JAK3-V722I-ITMPISALDP/	234	188
>JAK3-V722I-VTMPISAL	49	>JAK3-V722I-ITMPISAL	25	24
>JAK3-V722I-VTMPISALDP	63	>JAK3-V722I-ITMPISALDP/	31	32
>JAK3-V722I-VTMPISAL	109	>JAK3-V722I-ITMPISAL	78	31
>JAK3-V722I-VTMPISALDP	74	>JAK3-V722I-ITMPISALDP/	55	19
>JAK3-V722I-VTMPISAL	36	>JAK3-V722I-ITMPISAL	33	3
>JAK3-V722I-VTMPISALDP	18	>JAK3-V722I-ITMPISALDP/	16	2
>JAK3-V722I-VTMPISAL	166	>JAK3-V722I-ITMPISAL	198	32
>JAK3-V722I-VTMPISAL	224	>JAK3-V722I-ITMPISAL	151	73
>JAK3-V722I-VTMPISAL	22	>JAK3-V722I-ITMPISAL	14	8
>JAK3-V722I-VTMPISALDP	12	>JAK3-V722I-ITMPISALDP/	9	3
>JAK3-V722I-VTMPISAL	381	>JAK3-V722I-ITMPISAL	308	73
>JAK3-V722I-VTMPISALDP	433	>JAK3-V722I-ITMPISALDP/	342	91
>JAK3-V722I-VTMPISAL	498	>JAK3-V722I-ITMPISAL	234	264
>JAK3-V722I-VTMPISAL	5	>JAK3-V722I-ITMPISAL	4	1
>JAK3-V722I-VTMPISAL	37	>JAK3-V722I-ITMPISAL	67	30
>JAK3-V722I-VTMPISAL	81	>JAK3-V722I-ITMPISAL	50	31
>JAK3-V722I-GVTMPISAL	1347	>JAK3-V722I-GITMPISAL	383	964
>JAK3-V722I-GVTMPISAL	559	>JAK3-V722I-GITMPISAL	154	405
>JAK3-V722I-GVTMPISAL	87	>JAK3-V722I-GITMPISAL	356	269
>JAK3-V722I-GATVWEVFSI	218	>JAK3-V722I-GATVWEVFSI	1102	884
>JAK3-V722I-GATVWEVFSI	285	>JAK3-V722I-GATVWEVFSI	4821	4536
>JAK3-V722I-GATVWEVFSI	145	>JAK3-V722I-GATVWEVFSI	12194	12049
>JAK3-V722I-FSGVTMPISA	844	>JAK3-V722I-FSGITMPISA	457	387
>JAK3-V722I-FSGVTMPI	460	>JAK3-V722I-FSGITMPI	463	3
>JAK3-V722I-FSGVTMPI	437	>JAK3-V722I-FSGITMPI	430	7
>JAK3-V722I-FSGVTMPISA	457	>JAK3-V722I-FSGITMPISAL	842	385
>JAK3-V722I-FSGVTMPI	595	>JAK3-V722I-FSGITMPI	289	306
>JAK3-V722I-FSGVTMPISA	52	>JAK3-V722I-FSGITMPISAL	26	26
>JAK3-V722I-FSGVTMPISA	243	>JAK3-V722I-FSGITMPISAL	132	111
>JAK3-V722I-FSGVTMPI	238	>JAK3-V722I-FSGITMPI	468	230
>JAK3-V722I-FSGVTMPISA	377	>JAK3-V722I-FSGITMPISA	269	108
>JAK3-V722I-FSGVTMPISA	355	>JAK3-V722I-FSGITMPISAL	421	66
>JAK3-V722I-FSGVTMPI	63	>JAK3-V722I-FSGITMPI	72	9
>JAK3-V722I-VFSGVTMPI	556	>JAK3-V722I-VFSGITMPI	150	406
>JAK3-V722I-VFSGVTMPI	488	>JAK3-V722I-VFSGITMPI	469	19
>JAK3-V722I-VFSGVTMPI	66	>JAK3-V722I-VFSGITMPI	91	25
>JAK3-V722I-VFSGVTMPI	439	>JAK3-V722I-VFSGITMPI	213	226

>JAK3-V722I- EVFSGVTMPI	64	>JAK3-V722I- EVFSGITMPI	55	9
>JAK3-V722I- EVFSGVTMPI	92	>JAK3-V722I- EVFSGITMPI	84	8
>JAK3-V722I- EVFSGVTMPI	427	>JAK3-V722I- EVFSGITMPI	389	38
>JAK3-V722I- EVFSGVTM	190	>JAK3-V722I- EVFSGITM	117	73
>JAK3-V722I- EVFSGVTM	57	>JAK3-V722I- EVFSGITM	44	13
>JAK3-V722I- EVFSGVTM	49	>JAK3-V722I- EVFSGITM	35	14
>JAK3-V722I- EVFSGVTMPI	30	>JAK3-V722I- EVFSGITMPI	42	12
>JAK3-V722I- EVFSGVTM	81	>JAK3-V722I- EVFSGITM	126	45
>JAK3-V722I- EVFSGVTMPI	11	>JAK3-V722I- EVFSGITMPI	11	0
>JAK3-V722I- EVFSGVTM	44	>JAK3-V722I- EVFSGITM	36	8
>JAK3-V722I- EVFSGVTMPI	6	>JAK3-V722I- EVFSGITMPI	6	0
>JAK3-V722I- EVFSGVTM	87	>JAK3-V722I- EVFSGITM	71	16
>JAK3-V722I- WEVFSGV	169	>JAK3-V722I- WEVFSGIT	166	3
>JAK3-V722I- WEVFSGVTV	66	>JAK3-V722I- WEVFSGITMI	69	3
>JAK3-V722I- WEVFSGVTV	84	>JAK3-V722I- WEVFSGITM	176	92
>JAK3-V722I- WEVFSGVTV	344	>JAK3-V722I- WEVFSGITMI	463	119
>JAK3-V722I- WEVFSGVTV	11	>JAK3-V722I- WEVFSGITM	8	3
>JAK3-V722I- WEVFSGVTV	32	>JAK3-V722I- WEVFSGITMI	28	4
>JAK3-V722I- WEVFSGVTV	658	>JAK3-V722I- WEVFSGITM	383	275
>JAK3-V722I- WEVFSGVTV	8	>JAK3-V722I- WEVFSGITM	8	0
>JAK3-V722I- WEVFSGVTV	8	>JAK3-V722I- WEVFSGITMI	8	0
>JAK3-V722I- WEVFSGV	318	>JAK3-V722I- WEVFSGIT	414	96
>JAK3-V722I- WEVFSGVTV	229	>JAK3-V722I- WEVFSGITM	140	89
>JAK3-V722I- WEVFSGVTV	56	>JAK3-V722I- WEVFSGITMI	41	15
>JAK3-V722I- WEVFSGVTV	61	>JAK3-V722I- WEVFSGITM	73	12
>JAK3-V722I- WEVFSGVTV	5	>JAK3-V722I- WEVFSGITMI	5	0
>JAK3-V722I- VWEVFSGV	279	>JAK3-V722I- VWEVFSGI	263	16
>JAK3-V722I- TVWEVFSGV	20	>JAK3-V722I- TVWEVFSGI	77	57
>JAK3-V722I- TVWEVFSGV	205	>JAK3-V722I- TVWEVFSGI	1300	1095
>JAK3-V722I- TVWEVFSGV	26	>JAK3-V722I- TVWEVFSGI	160	134
>JAK3-V722I- TVWEVFSGV	5	>JAK3-V722I- TVWEVFSGI	13	8
>JAK3-V722I- TVWEVFSGV	206	>JAK3-V722I- TVWEVFSGIT	219	13
>JAK3-V722I- TVWEVFSGV	3	>JAK3-V722I- TVWEVFSGI	12	9
>JAK3-V722I- TVWEVFSGV	182	>JAK3-V722I- TVWEVFSGIT	158	24
>JAK3-V722I- TVWEVFSGV	19	>JAK3-V722I- TVWEVFSGI	301	282
>JAK3-V722I- TVWEVFSGV	8	>JAK3-V722I- TVWEVFSGI	71	63
>JAK3-V722I- TVWEVFSGV	11	>JAK3-V722I- TVWEVFSGI	270	259
>JAK3-V722I- TVWEVFSGV	5	>JAK3-V722I- TVWEVFSGI	608	603
>JAK3-V722I- TVWEVFSGV	517	>JAK3-V722I- TVWEVFSGIT	393	124
>JAK3-V722I- TVWEVFSGV	130	>JAK3-V722I- TVWEVFSGIT	66	64
>JAK3-V722I- TVWEVFSGV	3588	>JAK3-V722I- TVWEVFSGI	484	3104
>JAK3-V722I- TVWEVFSGV	412	>JAK3-V722I- TVWEVFSGIT	903	491
>JAK3-V722I- TVWEVFSGV	5	>JAK3-V722I- TVWEVFSGI	6	1

>JAK3-V722I-TVWEVFSGV'	233	>JAK3-V722I-TVWEVFSGIT	389	156
>JAK3-V722I-TVWEVFSGV	3	>JAK3-V722I-TVWEVFSGI	6	3
>JAK3-V722I-TVWEVFSGV'	349	>JAK3-V722I-TVWEVFSGIT	377	28
>JAK3-V722I-TVWEVFSGV'	28	>JAK3-V722I-TVWEVFSGIT	23	5
>JAK3-V722I-TVWEVFSGV'	42	>JAK3-V722I-TVWEVFSGIT	34	8
>JAK3-V722I-TVWEVFSGV'	246	>JAK3-V722I-TVWEVFSGIT	215	31
>JAK3-V722I-TVWEVFSGV	4973	>JAK3-V722I-TVWEVFSGI	129	4844
>JAK3-V722I-ATVWEVFSG'	452	>JAK3-V722I-ATVWEVFSGI	2025	1573
>JAK3-V722I-ATVWEVFSG'	455	>JAK3-V722I-ATVWEVFSGI	884	429
>JAK3-V722I-ATVWEVFSG'	76	>JAK3-V722I-ATVWEVFSGI	279	203
>JAK3-V722I-ATVWEVFSG'	58	>JAK3-V722I-ATVWEVFSGI	165	107
>JAK3-V722I-ATVWEVFSG'	10	>JAK3-V722I-ATVWEVFSGI	108	98
>JAK3-V722I-ATVWEVFSG'	54	>JAK3-V722I-ATVWEVFSGI	1842	1788
>JAK3-V722I-ATVWEVFSG'	18	>JAK3-V722I-ATVWEVFSGI	2731	2713
>JAK3-V722I-ATVWEVFSG'	422	>JAK3-V722I-ATVWEVFSGI	247	175
>JAK3-V722I-ATVWEVFSG'	1945	>JAK3-V722I-ATVWEVFSGI	212	1733
>JAK3-V722I-ATVWEVFSG'	40	>JAK3-V722I-ATVWEVFSGI	79	39
>JAK3-V722I-ATVWEVFSG'	20	>JAK3-V722I-ATVWEVFSGI	119	99
>JAK3-V722I-ATVWEVFSG'	144	>JAK3-V722I-ATVWEVFSGI	26	118
>JAK3-V722I-ATVWEVFSG'	849	>JAK3-V722I-ATVWEVFSGI	478	371
>JAK3-V722I-ATVWEVFSG'	827	>JAK3-V722I-ATVWEVFSGI	32	795
>KDM5A-L12LLVSLQKL	413	>KDM5A-L12FLVSLQKL	31	382
>KDM5A-L12LLVSLQKLPV	41	>KDM5A-L12FLVSLQKLPV	12	29
>KDM5A-L12LLVSLQKL	33	>KDM5A-L12FLVSLQKL	5	28
>KDM5A-L12LLVSLQKLPV	26	>KDM5A-L12FLVSLQKLPV	10	16
>KDM5A-L12LLVSLQKL	80	>KDM5A-L12FLVSLQKL	9	71
>KDM5A-L12LLVSLQKLPV	24	>KDM5A-L12FLVSLQKLPV	11	13
>KDM5A-L12LLVSLQKL	469	>KDM5A-L12FLVSLQKL	41	428
>KDM5A-L12LLVSLQKLPV	86	>KDM5A-L12FLVSLQKLPV	30	56
>KDM5A-L12LLVSLQKL	34	>KDM5A-L12FLVSLQKL	7	27
>KDM5A-L12LLVSLQKLPV	10	>KDM5A-L12FLVSLQKLPV	3	7
>KDM5A-L12LLVSLQKL	159	>KDM5A-L12FLVSLQKL	20	139
>KDM5A-L12LLVSLQKLPV	41	>KDM5A-L12FLVSLQKLPV	8	33
>KDM5A-L12LLVSLQKL	135	>KDM5A-L12FLVSLQKL	17	118
>KDM5A-L12LLVSLQKLPV	23	>KDM5A-L12FLVSLQKLPV	8	15
>KDM5A-L12LLVSLQKL	401	>KDM5A-L12FLVSLQKL	51	350
>KDM5A-L12LLVSLQKLPV	187	>KDM5A-L12FLVSLQKLPV	33	154
>KDM5A-L12LLVSLQKL	4	>KDM5A-L12FLVSLQKL	2	2
>KDM5A-L12LLVSLQKLPV	3	>KDM5A-L12FLVSLQKLPV	2	1
>KDM5A-L12LLVSLQKLPVF	261	>KDM5A-L12FLVSLQKLPVF	1337	1076
>KDM5A-L12LLVSLQKLPVF	784	>KDM5A-L12FLVSLQKLPVF	153	631
>KDM5A-L12LLVSLQKLPV	1414	>KDM5A-L12FLVSLQKLPV	188	1226
>KDM5A-L12SLLVSLQKL	7745	>KDM5A-L12SFLVSLQKL	244	7501

>KDM5A-L12 SLLVSLQKL	144	>KDM5A-L12 SFLVSLQKL	19031	18887
>KDM5A-L12 SLLVSLQKLPV	31	>KDM5A-L12 SFLVSLQKLPV	9196	9165
>KDM5A-L12 SLLVSLQKL	122	>KDM5A-L12 SFLVSLQKL	5295	5173
>KDM5A-L12 SLLVSLQKLPV	139	>KDM5A-L12 SFLVSLQKLPV	6112	5973
>KDM5A-L12 SLLVSLQKL	373	>KDM5A-L12 SFLVSLQKL	17404	17031
>KDM5A-L12 SLLVSLQKLPV	80	>KDM5A-L12 SFLVSLQKLPV	7728	7648
>KDM5A-L12 SLLVSLQKL	229	>KDM5A-L12 SFLVSLQKL	11713	11484
>KDM5A-L12 SLLVSLQKLPV	32	>KDM5A-L12 SFLVSLQKLPV	2253	2221
>KDM5A-L12 SLLVSLQKL	13	>KDM5A-L12 SFLVSLQKL	7986	7973
>KDM5A-L12 SLLVSLQKLPV	4	>KDM5A-L12 SFLVSLQKLPV	1752	1748
>KDM5A-L12 SLLVSLQKL	26	>KDM5A-L12 SFLVSLQKL	14501	14475
>KDM5A-L12 SLLVSLQKLPV	10	>KDM5A-L12 SFLVSLQKLPV	4468	4458
>KDM5A-L12 SLLVSLQKL	9	>KDM5A-L12 SFLVSLQKL	4229	4220
>KDM5A-L12 SLLVSLQKLPV	5	>KDM5A-L12 SFLVSLQKLPV	632	627
>KDM5A-L12 SLLVSLQKL	41	>KDM5A-L12 SFLVSLQKL	17669	17628
>KDM5A-L12 SLLVSLQKLPV	29	>KDM5A-L12 SFLVSLQKLPV	12686	12657
>KDM5A-L12 SLLVSLQKL	3	>KDM5A-L12 SFLVSLQKL	7947	7944
>KDM5A-L12 SLLVSLQKLPV	3	>KDM5A-L12 SFLVSLQKLPV	1870	1867
>KDM5A-L12 SLLVSLQK	64	>KDM5A-L12 SFLVSLQK	2101	2037
>KDM5A-L12 SLLVSLQK	22	>KDM5A-L12 SFLVSLQK	152	130
>KDM5A-L12 SLLVSLQKL	9099	>KDM5A-L12 SFLVSLQKL	66	9033
>KDM5A-L12 SLLVSLQK	142	>KDM5A-L12 SFLVSLQK	64	78
>KDM5A-L12 SLLVSLQKLPV	105	>KDM5A-L12 SFLVSLQKLPV	3056	2951
>KDM5A-L12 SLLVSLQKL	861	>KDM5A-L12 SFLVSLQKL	162	699
>KDM5A-L12 SLLVSLQKLPV	3316	>KDM5A-L12 SFLVSLQKLPV	475	2841
>KDM5A-L12 RRPRLETILSL	382	>KDM5A-L12 RRPRLETILSF	31	351
>KDM5A-L12 RRPRLETILSL	72	>KDM5A-L12 RRPRLETILSF	93	21
>KDM5A-L12 RRPRLETILSL	29	>KDM5A-L12 RRPRLETILSF	69	40
>KDM5A-L12 RRPRLETILSL	14	>KDM5A-L12 RRPRLETILSF	34	20
>KDM5A-L12 LSELLVSLQK	121	>KDM5A-L12 LSFLVSLQK	45	76
>KDM5A-L12 LSELLVSLQK	18	>KDM5A-L12 LSFLVSLQK	10	8
>KDM5A-L12 LSELLVSLQK	61	>KDM5A-L12 LSFLVSLQK	33	28
>KDM5A-L12 LSELLVSLQK	786	>KDM5A-L12 LSFLVSLQK	28	758
>KDM5A-L12 LSELLVSLQKL	1536	>KDM5A-L12 LSFLVSLQKL	316	1220
>KDM5A-L12 LSELLVSLQKL	15	>KDM5A-L12 LSFLVSLQKL	9	6
>KDM5A-L12 LSELLVSLQKL	448	>KDM5A-L12 LSFLVSLQKL	288	160
>KDM5A-L12 LSELLVSLQKL	216	>KDM5A-L12 LSFLVSLQKL	172	44
>KDM5A-L12 LSELLVSLQK	858	>KDM5A-L12 LSFLVSLQK	350	508
>KDM5A-L12 LSELLVSLQKL	705	>KDM5A-L12 LSFLVSLQKL	459	246
>KDM5A-L12 ILSLLVSL	377	>KDM5A-L12 ILSFLVSL	396	19
>KDM5A-L12 ILSLLVSL	79	>KDM5A-L12 ILSFLVSL	41	38
>KDM5A-L12 ILSLLVSLQKL	436	>KDM5A-L12 ILSFLVSLQKL	207	229
>KDM5A-L12 ILSLLVSL	11	>KDM5A-L12 ILSFLVSL	6	5

>KDM5A-L12 ILSLLVSLQ	376	>KDM5A-L12 ILSFLVSLQ	159	217
>KDM5A-L12 ILSLLVSLQKL	14	>KDM5A-L12 ILSFLVSLQKL	7	7
>KDM5A-L12 ILSLLVSL	35	>KDM5A-L12 ILSFLVSL	13	22
>KDM5A-L12 ILSLLVSLQKL	40	>KDM5A-L12 ILSFLVSLQKL	15	25
>KDM5A-L12 ILSLLVSL	404	>KDM5A-L12 ILSFLVSL	283	121
>KDM5A-L12 ILSLLVSL	42	>KDM5A-L12 ILSFLVSL	16	26
>KDM5A-L12 ILSLLVSLQKL	105	>KDM5A-L12 ILSFLVSLQKL	41	64
>KDM5A-L12 ILSLLVSL	122	>KDM5A-L12 ILSFLVSL	70	52
>KDM5A-L12 ILSLLVSLQKL	340	>KDM5A-L12 ILSFLVSLQKL	220	120
>KDM5A-L12 ILSLLVSL	78	>KDM5A-L12 ILSFLVSL	59	19
>KDM5A-L12 ILSLLVSLQKL	155	>KDM5A-L12 ILSFLVSLQKL	120	35
>KDM5A-L12 ILSLLVSL	36	>KDM5A-L12 ILSFLVSL	17	19
>KDM5A-L12 ILSLLVSLQKL	58	>KDM5A-L12 ILSFLVSLQKL	30	28
>KDM5A-L12 ILSLLVSL	6	>KDM5A-L12 ILSFLVSL	5	1
>KDM5A-L12 ILSLLVSLQ	710	>KDM5A-L12 ILSFLVSLQ	456	254
>KDM5A-L12 ILSLLVSLQKL	8	>KDM5A-L12 ILSFLVSLQKL	7	1
>KDM5A-L12 ILSLLVSLQK	21	>KDM5A-L12 ILSFLVSLQK	11	10
>KDM5A-L12 ILSLLVSLQK	17	>KDM5A-L12 ILSFLVSLQK	11	6
>KDM5A-L12 ILSLLVSL	906	>KDM5A-L12 ILSFLVSL	314	592
>KDM5A-L12 ILSLLVSLQK	434	>KDM5A-L12 ILSFLVSLQK	86	348
>KDM5A-L12 ILSLLVSL	903	>KDM5A-L12 ILSFLVSL	455	448
>KDM5A-L12 TILSLLVSL	513	>KDM5A-L12 TILSFLVSL	57	456
>KDM5A-L12 TILSLLVSL	66	>KDM5A-L12 TILSFLVSL	36	30
>KDM5A-L12 TILSLLVSL	186	>KDM5A-L12 TILSFLVSL	80	106
>KDM5A-L12 TILSLLVSL	567	>KDM5A-L12 TILSFLVSL	423	144
>KDM5A-L12 TILSLLVSL	40	>KDM5A-L12 TILSFLVSL	31	9
>KDM5A-L12 TILSLLVSL	141	>KDM5A-L12 TILSFLVSL	43	98
>KDM5A-L12 TILSLLVSL	273	>KDM5A-L12 TILSFLVSL	401	128
>KDM5A-L12 TILSLLVSL	681	>KDM5A-L12 TILSFLVSL	329	352
>KDM5A-L12 TILSLLVSL	132	>KDM5A-L12 TILSFLVSL	56	76
>KDM5A-L12 TILSLLVSLQK	89	>KDM5A-L12 TILSFLVSLQK	69	20
>KDM5A-L12 TILSLLVSLQK	13	>KDM5A-L12 TILSFLVSLQK	10	3
>KDM5A-L12 TILSLLVSLQK	463	>KDM5A-L12 TILSFLVSLQK	236	227
>KDM5A-L12 TILSLLVSL	159	>KDM5A-L12 TILSFLVSL	83	76
>KDM5A-L12 TILSLLVSLQK	189	>KDM5A-L12 TILSFLVSLQK	92	97
>KDM5A-L12 TILSLLVSL	670	>KDM5A-L12 TILSFLVSL	429	241
>KDM5A-L12 TILSLLVSL	63	>KDM5A-L12 TILSFLVSL	22	41
>KDM5A-L12 ETILSLLV	797	>KDM5A-L12 ETILSFLV	153	644
>KDM5A-L12 ETILSLLVSL	249	>KDM5A-L12 ETILSFLVSL	196	53
>KDM5A-L12 ETILSLLVSL	37	>KDM5A-L12 ETILSFLVSL	46	9
>KDM5A-L12 ETILSLLVSL	338	>KDM5A-L12 ETILSFLVSL	306	32
>KDM5A-L12 ETILSLLV	305	>KDM5A-L12 ETILSFLV	571	266
>KDM5A-L12 ETILSLLVS	221	>KDM5A-L12 ETILSFLVS	810	589



>KDM5A-L12 ETILSLLVSL	4	>KDM5A-L12 ETILSFLVSL	7	3
>KDM5A-L12 ETILSLLVSLQ	42	>KDM5A-L12 ETILSFLVSLQ	87	45
>KDM5A-L12 ETILSLLVSL	32	>KDM5A-L12 ETILSFLVSL	17	15
>KDM5A-L12 ETILSLLVSLQ	414	>KDM5A-L12 ETILSFLVSLQ	215	199
>KDM5A-L12 ETILSLLVSLQ	58	>KDM5A-L12 ETILSFLVSLQ	37	21
>KDM5A-L12 ETILSLLV	7	>KDM5A-L12 ETILSFLV	5	2
>KDM5A-L12 ETILSLLVSL	137	>KDM5A-L12 ETILSFLVSL	66	71
>KDM5A-L12 ETILSLLV	7	>KDM5A-L12 ETILSFLV	4	3
>KDM5A-L12 ETILSLLVSL	38	>KDM5A-L12 ETILSFLVSL	23	15
>KDM5A-L12 ETILSLLVSL	21	>KDM5A-L12 ETILSFLVSL	32	11
>KDM5A-L12 ETILSLLVSL	463	>KDM5A-L12 ETILSFLVSL	451	12
>KDM5A-L12 LETILSLL	156	>KDM5A-L12 LETILSFL	340	184
>KDM5A-L12 LETILSLLV	12	>KDM5A-L12 LETILSFLV	11	1
>KDM5A-L12 LETILSLLVSL	43	>KDM5A-L12 LETILSFLVSL	37	6
>KDM5A-L12 LETILSLL	795	>KDM5A-L12 LETILSFL	443	352
>KDM5A-L12 LETILSLLVSL	129	>KDM5A-L12 LETILSFLVSL	93	36
>KDM5A-L12 LETILSLL	42	>KDM5A-L12 LETILSFL	32	10
>KDM5A-L12 LETILSLLV	342	>KDM5A-L12 LETILSFLV	131	211
>KDM5A-L12 LETILSLLVSL	21	>KDM5A-L12 LETILSFLVSL	14	7
>KDM5A-L12 LETILSLL	100	>KDM5A-L12 LETILSFL	81	19
>KDM5A-L12 LETILSLLV	139	>KDM5A-L12 LETILSFLV	144	5
>KDM5A-L12 LETILSLLVSL	47	>KDM5A-L12 LETILSFLVSL	50	3
>KDM5A-L12 LETILSLL	369	>KDM5A-L12 LETILSFL	204	165
>KDM5A-L12 LETILSLLV	26	>KDM5A-L12 LETILSFLV	11	15
>KDM5A-L12 LETILSLLVSL	33	>KDM5A-L12 LETILSFLVSL	24	9
>KDM5A-L12 LETILSLLV	1603	>KDM5A-L12 LETILSFLV	483	1120
>KDM5A-L12 RLETILSL	326	>KDM5A-L12 RLETILSF	16585	16259
>KDM5A-L12 RLETILSLL	420	>KDM5A-L12 RLETILSFL	188	232
>KDM5A-L12 RLETILSLLV	151	>KDM5A-L12 RLETILSFLV	71	80
>KDM5A-L12 RLETILSL	55	>KDM5A-L12 RLETILSF	2308	2253
>KDM5A-L12 RLETILSLL	9	>KDM5A-L12 RLETILSFL	6	3
>KDM5A-L12 RLETILSLLV	60	>KDM5A-L12 RLETILSFLV	40	20
>KDM5A-L12 RLETILSL	234	>KDM5A-L12 RLETILSF	10360	10126
>KDM5A-L12 RLETILSLL	58	>KDM5A-L12 RLETILSFL	49	9
>KDM5A-L12 RLETILSLLV	65	>KDM5A-L12 RLETILSFLV	165	100
>KDM5A-L12 RLETILSLL	726	>KDM5A-L12 RLETILSFL	223	503
>KDM5A-L12 RLETILSLLV	226	>KDM5A-L12 RLETILSFLV	170	56
>KDM5A-L12 RLETILSL	114	>KDM5A-L12 RLETILSF	7907	7793
>KDM5A-L12 RLETILSLL	346	>KDM5A-L12 RLETILSFL	82	264
>KDM5A-L12 RLETILSLLV	29	>KDM5A-L12 RLETILSFLV	10	19
>KDM5A-L12 RLETILSL	156	>KDM5A-L12 RLETILSF	11898	11742
>KDM5A-L12 RLETILSLL	232	>KDM5A-L12 RLETILSFL	46	186
>KDM5A-L12 RLETILSLLV	42	>KDM5A-L12 RLETILSFLV	9	33

>KDM5A-L12 RLETILSLL	2102	>KDM5A-L12 RLETILSFL	457	1645
>KDM5A-L12 RLETILSLLV	84	>KDM5A-L12 RLETILSFLV	28	56
>KDM5A-L12 RLETILSLLV	633	>KDM5A-L12 RLETILSFLV	78	555
>KDM5A-L12 RLETILSL	13	>KDM5A-L12 RLETILSF	6480	6467
>KDM5A-L12 RLETILSLL	28	>KDM5A-L12 RLETILSFL	22	6
>KDM5A-L12 RLETILSLLV	7	>KDM5A-L12 RLETILSFLV	4	3
>KDM5A-L12 RLETILSL	194	>KDM5A-L12 RLETILSF	55	139
>KDM5A-L12 RLETILSL	5977	>KDM5A-L12 RLETILSF	399	5578
>KDM5A-L12 RLETILSL	2546	>KDM5A-L12 RLETILSF	164	2382
>KDM5A-L12 RLETILSLL	48	>KDM5A-L12 RLETILSFL	114	66
>KDM5A-L12 RLETILSL	162	>KDM5A-L12 RLETILSF	1189	1027
>KDM5A-L12 RLETILSLL	137	>KDM5A-L12 RLETILSFL	295	158
>KDM5A-L12 PRLETILSL	654	>KDM5A-L12 PRLETILSF	46	608
>KDM5A-L12 PRLETILSL	263	>KDM5A-L12 PRLETILSF	349	86
>KDM5A-L12 PRLETILSLL	312	>KDM5A-L12 PRLETILSFL	246	66
>KDM5A-L12 PRLETILSLL	538	>KDM5A-L12 PRLETILSFL	443	95
>KDM5A-L12 PRLETILSL	89	>KDM5A-L12 PRLETILSF	365	276
>KDM5A-L12 PRLETILSLL	144	>KDM5A-L12 PRLETILSFL	103	41
>KDM5A-L12 RPRLETILSL	74	>KDM5A-L12 RPRLETILSF	138	64
>KDM5A-L12 RPRLETILSLL	19	>KDM5A-L12 RPRLETILSFL	15	4
>KDM5A-L12 RPRLETILSL	1753	>KDM5A-L12 RPRLETILSF	65	1688
>KDM5A-L12 RPRLETILSL	3296	>KDM5A-L12 RPRLETILSF	379	2917
>KDM5A-L12 RPRLETILSLL	323	>KDM5A-L12 RPRLETILSFL	560	237
>KDM5C-G91 LGVEVPEAQC	27515	>KDM5C-G91 LEVEVPEAQC	393	27122
>KDM5C-G91 LGVEVPEAQ	23566	>KDM5C-G91 LEVEVPEAQ	139	23427
>KDM5C-G91 LGVEVPEAQC	22672	>KDM5C-G91 LEVEVPEAQC	90	22582
>KDM5C-G91 LGVEVPEAQC	22196	>KDM5C-G91 LEVEVPEAQC	33	22163
>KDM5C-G91 LGVEVPEA	38819	>KDM5C-G91 LEVEVPEA	379	38440
>KDM5C-G91 LGVEVPEAQC	40185	>KDM5C-G91 LEVEVPEAQC	487	39698
>KDM5C-G91 LGVEVPEA	40012	>KDM5C-G91 LEVEVPEA	208	39804
>KDM5C-G91 LGVEVPEAQC	25698	>KDM5C-G91 LEVEVPEAQC	31	25667
>KDM5C-G91 QLGVEVPEA	489	>KDM5C-G91 QLEVEVPEA	3408	2919
>KDM5C-G91 QLGVEVPEA	276	>KDM5C-G91 QLEVEVPEA	3328	3052
>KDM5C-G91 QLGVEVPEA	59	>KDM5C-G91 QLEVEVPEA	122	63
>KDM5C-G91 RQLGVEVPEA	117	>KDM5C-G91 RQLEVEVPEA	109	8
>KDM5C-G91 RQLGVEVPEA	1081	>KDM5C-G91 RQLEVEVPEA	395	686
>KDM5C-G91 RQLGVEVPEA	204	>KDM5C-G91 RQLEVEVPEA	83	121
>KDM5C-G91 RQLGVEVPEA	353	>KDM5C-G91 RQLEVEVPEA	155	198
>KDM5C-G91 RQLGVEVPEA	663	>KDM5C-G91 RQLEVEVPEA	248	415
>KDM5C-G91 RQLGVEVPE	418	>KDM5C-G91 RQLEVEVPE	417	1
>KDM5C-G91 GRQLGVEVPI	475	>KDM5C-G91 GRQLEVEVPE	1562	1087
>KDM5C-G91 RGRQLGVEV	285	>KDM5C-G91 RGRQLEVEV	877	592
>KDM5C-G91 LERGRQLGV	769	>KDM5C-G91 LERGRQLEV	346	423

>KDM5C-G91LERGRQLGV	567	>KDM5C-G91LERGRQLEV	220	347
>KDM5C-G91LERGRQLGVE	239	>KDM5C-G91LERGRQLEVE	252	13
>KDM5C-G91LERGRQLGV	239	>KDM5C-G91LERGRQLEV	268	29
>KDM5C-G91LERGRQLGVE	129	>KDM5C-G91LERGRQLEVE	162	33
>KDM5C-G91LLERGRQLGV	441	>KDM5C-G91LLERGRQLEV	527	86
>KDM5C-G91LLERGRQLGV	290	>KDM5C-G91LLERGRQLEV	417	127
>KDM5C-G91LLERGRQLGV	60	>KDM5C-G91LLERGRQLEV	62	2
>KDM5C-G91LLERGRQLGV	160	>KDM5C-G91LLERGRQLEV	261	101
>KDM5C-G91LLERGRQLGV	155	>KDM5C-G91LLERGRQLEV	138	17
>KDM5C-G91LLERGRQLGV	2	>KDM5C-G91LLERGRQLEV	2	0
>KDM5C-G91SLLERGRQLG	31	>KDM5C-G91SLLERGRQLE'	22	9
>KDM5C-G91SLLERGRQLG	126	>KDM5C-G91SLLERGRQLE'	82	44
>KDM5C-G91SLLERGRQLG	24	>KDM5C-G91SLLERGRQLE'	29	5
>KDM5C-G91SLLERGRQLG	26	>KDM5C-G91SLLERGRQLE'	36	10
>KDM5C-G91SLLERGRQLG	2	>KDM5C-G91SLLERGRQLE'	2	0
>KDM5C-G91SLLERGRQLG	8	>KDM5C-G91SLLERGRQLE'	11	3
>KDM5C-G91SLLERGRQLG	4	>KDM5C-G91SLLERGRQLE'	4	0
>KDM5C-G91SLLERGRQLG	8	>KDM5C-G91SLLERGRQLE'	13	5
>KDM5C-G91SLLERGRQLG	2	>KDM5C-G91SLLERGRQLE'	2	0
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>KDM5C-P14PDLERIRTL	423	>KDM5C-P14LDLERIRTL	643	220
>KDM5C-P14PPDLERIRTLL	36595	>KDM5C-P14PLDLERIRTLL	357	36238
>KDM5C-P14IWQLLQAGQ	8655	>KDM5C-P14IWQLLQAGQ	277	8378
>KDM5C-P14IWQLLQAGQ	1084	>KDM5C-P14IWQLLQAGQ	398	686
>KDM5C-P14QPPDLERIRTI	406	>KDM5C-P14QPLDLERIRTI	25298	24892
>KDM5C-P14GQPPDLERI	101	>KDM5C-P14GQPLDLERI	381	280
>KDM5C-P14QAGQPPDLEI	312	>KDM5C-P14QAGQPLDLEI	451	139
>KDM5C-P14LQAGQPPDL	534	>KDM5C-P14LQAGQPLDL	473	61
>KDM5C-P14LQAGQPPDLI	961	>KDM5C-P14LQAGQPLDLE	439	522
>KDM5C-P14LLQAGQPP	21434	>KDM5C-P14LLQAGQPL	104	21330
>KDM5C-P14LLQAGQPP	7509	>KDM5C-P14LLQAGQPL	41	7468
>KDM5C-P14LLQAGQPPDI	265	>KDM5C-P14LLQAGQPLDL	98	167
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>KDM5C-P14LLQAGQPPDI	742	>KDM5C-P14LLQAGQPLDL	226	516
>KDM5C-P14LLQAGQPP	15577	>KDM5C-P14LLQAGQPL	308	15269
>KDM5C-P14LLQAGQPP	10521	>KDM5C-P14LLQAGQPL	21	10500
>KDM5C-P14LLQAGQPPDI	82	>KDM5C-P14LLQAGQPLDL	161	79
>KDM5C-P14LLQAGQPP	13344	>KDM5C-P14LLQAGQPL	18	13326
>KDM5C-P14LLQAGQPPDI	119	>KDM5C-P14LLQAGQPLDL	191	72
>KDM5C-P14LLQAGQPP	15793	>KDM5C-P14LLQAGQPL	98	15695
>KDM5C-P14LLQAGQPPDI	75	>KDM5C-P14LLQAGQPLDL	248	173
>KDM5C-P14LLQAGQPP	21676	>KDM5C-P14LLQAGQPL	167	21509
>KDM5C-P14LLQAGQPPDI	201	>KDM5C-P14LLQAGQPLDL	518	317

>KDM5C-P14LLQAGQPP	5028	>KDM5C-P14LLQAGQPL	3	5025
>KDM5C-P14LLQAGQPPDI	5	>KDM5C-P14LLQAGQPLDI	6	1
>KDM5C-P14LLQAGQPP	2401	>KDM5C-P14LLQAGQPL	147	2254
>KDM5C-P14LLQAGQPP	11829	>KDM5C-P14LLQAGQPL	372	11457
>KDM5C-P14QLLQAGQPP	16156	>KDM5C-P14QLLQAGQPL	264	15892
>KDM5C-P14QLLQAGQPP	12746	>KDM5C-P14QLLQAGQPL	212	12534
>KDM5C-P14QLLQAGQPP	9711	>KDM5C-P14QLLQAGQPL	35	9676
>KDM5C-P14QLLQAGQPP	133	>KDM5C-P14QLLQAGQPL	226	93
>KDM5C-P14QLLQAGQPP	14770	>KDM5C-P14QLLQAGQPL	102	14668
>KDM5C-P14QLLQAGQPP	13630	>KDM5C-P14QLLQAGQPL	56	13574
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>KDM5C-P14QLLQAGQPP	23160	>KDM5C-P14QLLQAGQPL	134	23026
>KDM5C-P14QLLQAGQPP	241	>KDM5C-P14QLLQAGQPL	772	531
>KDM5C-P14QLLQAGQPP	18330	>KDM5C-P14QLLQAGQPL	15	18315
>KDM5C-P14QLLQAGQPP	25	>KDM5C-P14QLLQAGQPL	41	16
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>KDM5C-P14QLLQAGQPP	7033	>KDM5C-P14QLLQAGQPL	315	6718
>KDM5C-P14WQLLQAGQF	17689	>KDM5C-P14WQLLQAGQF	420	17269
>KDM5C-P14WQLLQAGQF	1751	>KDM5C-P14WQLLQAGQF	61	1690
>KDM5C-P14WQLLQAGQF	12784	>KDM5C-P14WQLLQAGQF	35	12749
>KDM5C-P14WQLLQAGQF	9253	>KDM5C-P14WQLLQAGQF	90	9163
>KDM5C-R17RPFDNEEK	4787	>KDM5C-R17HPFDNEEK	359	4428
>KDM5C-R17SGANLVQCN	446	>KDM5C-R17SGANLVQCN	22283	21837
>KDM5C-R17NTRPFDNEEK	450	>KDM5C-R17NTHPFDNEEK	280	170
>KDM5C-R17NTRPFDNEEK	110	>KDM5C-R17NTHPFDNEEK	811	701
>KDM5C-R17NTRPFDNEEK	33	>KDM5C-R17NTHPFDNEEK	13	20
>KDM5C-R17VQCNTNTRPF	1521	>KDM5C-R17VQCNTNTRPF	262	1259
>KDM5C-R17VQCNTNTRPF	3855	>KDM5C-R17VQCNTNTRPF	467	3388
>KDM5C-R17VQCNTNTRPF	43	>KDM5C-R17VQCNTNTRPF	36	7
>KDM5C-R17VQCNTNTRPF	690	>KDM5C-R17VQCNTNTRPF	387	303
>KDM5C-R17VQCNTNTRPF	5	>KDM5C-R17VQCNTNTRPF	5	0
>KDM5C-R17LVQCNTNTRPF	4107	>KDM5C-R17LVQCNTNTRPF	146	3961
>KDM5C-R17LVQCNTNTRPF	2315	>KDM5C-R17LVQCNTNTRPF	360	1955
>KDM5C-R17LVQCNTNTRPF	1610	>KDM5C-R17LVQCNTNTRPF	419	1191
>KDM5C-R17LVQCNTNTRPF	277	>KDM5C-R17LVQCNTNTRPF	177	100
>KDM5C-R17LVQCNTNTRPF	42	>KDM5C-R17LVQCNTNTRPF	36	6
>KDM5C-R17LVQCNTNTRPF	595	>KDM5C-R17LVQCNTNTRPF	380	215
>KDM5C-R17LVQCNTNTRPF	161	>KDM5C-R17LVQCNTNTRPF	137	24
>KDM5C-R17LVQCNTNTRPF	692	>KDM5C-R17LVQCNTNTRPF	404	288
>KDM5C-R17LVQCNTNTRPF	106	>KDM5C-R17LVQCNTNTRPF	37	69
>KDM5C-R17NLVQCNTNTR	408	>KDM5C-R17NLVQCNTNTR	27593	27185
>KDM5C-R17NLVQCNTNTR	90	>KDM5C-R17NLVQCNTNTR	15002	14912

>KDM5C-R17NLVQCNTRP	117	>KDM5C-R17NLVQCNTHP	74	43
>KDM5C-R17NLVQCNTRP	184	>KDM5C-R17NLVQCNTHP	138	46
>KDM5C-R17NLVQCNTRP	179	>KDM5C-R17NLVQCNTHP	144	35
>KDM5C-R17NLVQCNT	129	>KDM5C-R17NLVQCNT	23399	23270
>KDM5C-R17ANLVQCNT	73	>KDM5C-R17ANLVQCNT	68	5
>KDM5C-S12SPRPNPTSS	213	>KDM5C-S12PPRPNPTSS	5125	4912
>KDM5C-S12SPRPNPTSSP	7	>KDM5C-S12PPRPNPTSSP	27	20
>KDM5C-S12SPRPNPTSSP	250	>KDM5C-S12PPRPNPTSSP	2956	2706
>KDM5C-S12SPRPNPTSSP	411	>KDM5C-S12PPRPNPTSSP	2522	2111
>KDM5C-S12LLSSPRPNPT	221	>KDM5C-S12LLSPPRPNPT	650	429
>KDM5C-S12LLSSPRPNPT	129	>KDM5C-S12LLSPPRPNPT	223	94
>KDM5C-S12LLSSPRPNPT	176	>KDM5C-S12LLSPPRPNPT	69	107
>KDM5C-S12LLSSPRPNPT	334	>KDM5C-S12LLSPPRPNPT	119	215
>KDM5C-S12RLLSSPRPNP	361	>KDM5C-S12RLLSPPRPNP	968	607
>KDM5C-S12RLLSSPRPNP	111	>KDM5C-S12RLLSPPRPNP	63	48
>KDM5C-S12VPRLLSSPR	384	>KDM5C-S12VPRLLSPPR	1643	1259
>KDM5C-S12SVPRLLSSPR	229	>KDM5C-S12SVPRLLSPPR	214	15
>KDM5C-S12SVPRLLSSPR	120	>KDM5C-S12SVPRLLSPPR	288	168
>KDM5C-S12SVPRLLSSPR	332	>KDM5C-S12SVPRLLSPPR	1223	891
>KDM5C-S12SVPRLLSSPR	23	>KDM5C-S12SVPRLLSPPR	46	23
>KDM5C-S12SVPRLLSSPR	693	>KDM5C-S12SVPRLLSPPR	341	352
>KDM5C-S12VSVPRLLSSPF	298	>KDM5C-S12VSVPRLLSPPF	331	33
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>KDM5C-S12VSVPRLLSSPF	323	>KDM5C-S12VSVPRLLSPPF	542	219
>KDM5C-S12VSVPRLLSS	358	>KDM5C-S12VSVPRLLSP	2854	2496
>KDM5C-S64SHEELICKM	1964	>KDM5C-S64FHEELICKM	319	1645
>KDM5C-S64FSHEELICK	247	>KDM5C-S64FFHEELICK	5396	5149
>KDM5C-S64FSHEELICK	226	>KDM5C-S64FFHEELICK	698	472
>KDM5C-S64FSHEELICKM	42	>KDM5C-S64FFHEELICKM	25203	25161
>KDM5C-S64FSHEELICKM	80	>KDM5C-S64FFHEELICKM	7810	7730
>KDM5C-S64YRRLRRYCVF	2224	>KDM5C-S64YRRLRRYCVF	207	2017
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>KDM5C-S64YRRLRRYCVF	1480	>KDM5C-S64YRRLRRYCVF	209	1271
>KDM5C-S64YRRLRRYCVF	2878	>KDM5C-S64YRRLRRYCVF	306	2572
>KDM5C-S64YRRLRRYCVF	4500	>KDM5C-S64YRRLRRYCVF	43	4457
>KDM5C-S64VFSHEELI	927	>KDM5C-S64VFFHEELI	142	785
>KDM5C-S64CVFSHEELI	228	>KDM5C-S64CVFFHEELI	274	46
>KDM5C-S64CVFSHEEL	137	>KDM5C-S64CVFFHEEL	180	43
>KDM5C-S64CVFSHEELI	412	>KDM5C-S64CVFFHEELI	533	121
>KDM5C-S64CVFSHEELICK	195	>KDM5C-S64CVFFHEELICK	198	3
>KDM5C-S64CVFSHEELICK	40	>KDM5C-S64CVFFHEELICK	38	2
>KDM5C-S64CVFSHEELICK	22	>KDM5C-S64CVFFHEELICK	16	6
>KDM5C-S64CVFSHEEL	113	>KDM5C-S64CVFFHEEL	48	65

>KDM5C-S64 CVFSHEELI	146	>KDM5C-S64 CVFFHEELI	50	96
>KDM5C-S64 CVFSHEELI	61	>KDM5C-S64 CVFFHEELI	95	34
>KDM5C-S64 YCVFSHEEL	739	>KDM5C-S64 YCVFFHEEL	237	502
>KDM5C-S64 YCVFSHEEL	1003	>KDM5C-S64 YCVFFHEEL	343	660
>KDM5C-S64 YCVFSHEEL	563	>KDM5C-S64 YCVFFHEEL	287	276
>KDM5C-S64 RYCVFSHEEL	435	>KDM5C-S64 RYCVFFHEEL	943	508
>KDM5C-S64 RYCVFSHEEL	435	>KDM5C-S64 RYCVFFHEEL	341	94
>KDM5C-S64 RYCVFSHEELI	218	>KDM5C-S64 RYCVFFHEELI	101	117
>KDM5C-S64 RYCVFSHEEL	383	>KDM5C-S64 RYCVFFHEEL	330	53
>KDM5C-S64 RYCVFSHEELI	77	>KDM5C-S64 RYCVFFHEELI	52	25
>KDM5C-S64 RYCVFSHE	827	>KDM5C-S64 RYCVFFHE	355	472
>KDM5C-S64 RYCVFSHEE	363	>KDM5C-S64 RYCVFFHEE	154	209
>KDM5C-S64 RYCVFSHEEL	6	>KDM5C-S64 RYCVFFHEEL	5	1
>KDM5C-S64 RYCVFSHEELI	9	>KDM5C-S64 RYCVFFHEELI	8	1
>KDM5C-S64 RYCVFSHEEL	1536	>KDM5C-S64 RYCVFFHEEL	268	1268
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>KDM5C-S64 RRYCVFSH	66	>KDM5C-S64 RRYCVFFH	194	128
>KDM5C-S64 RRYCVFSHE	482	>KDM5C-S64 RRYCVFFHE	1637	1155
>KDM5C-S64 RRYCVFSHEE	9	>KDM5C-S64 RRYCVFFHEE	15	6
>KDM5C-S64 RRYCVFSH	21	>KDM5C-S64 RRYCVFFH	20	1
>KDM5C-S64 RRYCVFSHE	179	>KDM5C-S64 RRYCVFFHE	96	83
>KDM5C-S64 RRYCVFSHEE	272	>KDM5C-S64 RRYCVFFHEE	106	166
>KDM5C-S64 RRYCVFSHEE	24	>KDM5C-S64 RRYCVFFHEE	15	9
>KDM5C-S64 RRYCVFSH	72	>KDM5C-S64 RRYCVFFH	82	10
>KDM5C-S64 RRYCVFSHE	59	>KDM5C-S64 RRYCVFFHE	64	5
>KDM5C-S64 RRYCVFSHEE	73	>KDM5C-S64 RRYCVFFHEE	47	26
>KDM5C-S64 RRYCVFSHEE	15	>KDM5C-S64 RRYCVFFHEE	13	2
>KDM5C-S64 RRYCVFSHE	102	>KDM5C-S64 RRYCVFFHE	280	178
>KDM5C-S64 RRYCVFSHEE	535	>KDM5C-S64 RRYCVFFHEE	187	348
>KDM5C-S64 RRYCVFSHEE	12	>KDM5C-S64 RRYCVFFHEE	10	2
>KDM5C-S64 LRRYCVFS	2557	>KDM5C-S64 LRRYCVFF	10	2547
>KDM5C-S64 LRRYCVFSH	344	>KDM5C-S64 LRRYCVFFH	909	565
>KDM5C-S64 RLRRYCVFS	31317	>KDM5C-S64 RLRRYCVFF	498	30819
>KDM5C-S64 RLRRYCVFS	13	>KDM5C-S64 RLRRYCVFF	33	20
>KDM5C-S64 RLRRYCVFSH	101	>KDM5C-S64 RLRRYCVFFH	40	61
>KDM5C-S64 RLRRYCVFSH	238	>KDM5C-S64 RLRRYCVFFH	177	61
>KDM5C-S64 RLRRYCVFS	1468	>KDM5C-S64 RLRRYCVFF	484	984
>KDM5C-S64 RLRRYCVFSH	302	>KDM5C-S64 RLRRYCVFFH	66	236
>KDM5C-S64 RLRRYCVFSH	1905	>KDM5C-S64 RLRRYCVFFH	457	1448
>KDM5C-S64 RLRRYCVFS	9294	>KDM5C-S64 RLRRYCVFF	49	9245
>KDM5C-S64 RLRRYCVFS	1687	>KDM5C-S64 RLRRYCVFF	8	1679
>KDM5C-S64 RLRRYCVFSH	395	>KDM5C-S64 RLRRYCVFFH	1027	632
>KDM5C-S64 RLRRYCVFS	20522	>KDM5C-S64 RLRRYCVFF	294	20228

>KDM5C-S64 RLRRYCVFS	12796	>KDM5C-S64 RLRRYCVFF	179	12617
>KDM5C-S64 RRLRRYCVFS	1576	>KDM5C-S64 RRLRRYCVFF	5	1571
>KDM5C-S64 RRLRRYCVFSI	245	>KDM5C-S64 RRLRRYCVFFI	591	346
>KDM5C-S64 RRLRRYCVFS	161	>KDM5C-S64 RRLRRYCVFF	15	146
>KDM5C-S64 RRLRRYCVFSI	29	>KDM5C-S64 RRLRRYCVFFI	28	1
>KDM5C-S64 RRLRRYCVFS	44	>KDM5C-S64 RRLRRYCVFF	25	19
>KDM5C-S64 RRLRRYCVFSI	122	>KDM5C-S64 RRLRRYCVFFI	60	62
>KDM5C-S64 RRLRRYCVFS	41	>KDM5C-S64 RRLRRYCVFF	22	19
>KDM5C-S64 RRLRRYCVFSI	219	>KDM5C-S64 RRLRRYCVFFI	89	130
>KDM6A-G7;GLLSSDNPQL	205	>KDM6A-G7;DLLSSDNPQL	1724	1519
>KDM6A-G7;GLLSSDNPQL	60	>KDM6A-G7;DLLSSDNPQL	587	527
>KDM6A-G7;GLLSSDNPQL	22	>KDM6A-G7;DLLSSDNPQL	392	370
>KDM6A-G7;GLLSSDNPQL	20	>KDM6A-G7;DLLSSDNPQL	1922	1902
>KDM6A-G7;GLLSSDNPQL	8	>KDM6A-G7;DLLSSDNPQL	128	120
>KDM6A-G7;GLLSSDNPQL	40	>KDM6A-G7;DLLSSDNPQL	69	29
>KDM6A-G7;GLLSSDNPQL	10	>KDM6A-G7;DLLSSDNPQL	83	73
>KDM6A-G7;GLLSSDNPQL	6681	>KDM6A-G7;DLLSSDNPQL	357	6324
>KDM6A-G7;PGLSSDNPQ	22768	>KDM6A-G7;PDLLSSDNPQ	434	22334
>KDM6A-G7;GDSKSPGLL	230	>KDM6A-G7;GDSKSPDLL	375	145
>KDM6A-L11 LPAFVRVV	40	>KDM6A-L11 RPAFVRVV	13	27
>KDM6A-L11 LPAFVRVVS	1150	>KDM6A-L11 RPAFVRVVS	95	1055
>KDM6A-L11 LPAFVRVVSA	1616	>KDM6A-L11 RPAFVRVVSA	152	1464
>KDM6A-L11 LPAFVRVVSA	3619	>KDM6A-L11 RPAFVRVVSA	354	3265
>KDM6A-L11 LPAFVRVVSA	256	>KDM6A-L11 RPAFVRVVSA	1915	1659
>KDM6A-L11 LPAFVRVV	421	>KDM6A-L11 RPAFVRVV	8393	7972
>KDM6A-L11 LPAFVRVV	33	>KDM6A-L11 RPAFVRVV	2302	2269
>KDM6A-L11 LPAFVRVVS	62	>KDM6A-L11 RPAFVRVVS	2504	2442
>KDM6A-L11 LPAFVRVVSA	27	>KDM6A-L11 RPAFVRVVSA	182	155
>KDM6A-L11 LPAFVRVVSA	90	>KDM6A-L11 RPAFVRVVSA	2151	2061
>KDM6A-L11 KLPAFVRV	20	>KDM6A-L11 KRPAFVRV	19332	19312
>KDM6A-L11 KLPAFVRVV	106	>KDM6A-L11 KRPAFVRVV	19060	18954
>KDM6A-L11 KLPAFVRVVS	135	>KDM6A-L11 KRPAFVRVVS	22596	22461
>KDM6A-L11 KLPAFVRV	15	>KDM6A-L11 KRPAFVRV	12747	12732
>KDM6A-L11 KLPAFVRVV	94	>KDM6A-L11 KRPAFVRVV	14104	14010
>KDM6A-L11 KLPAFVRVVS	86	>KDM6A-L11 KRPAFVRVVS	19523	19437
>KDM6A-L11 KLPAFVRV	8	>KDM6A-L11 KRPAFVRV	14138	14130
>KDM6A-L11 KLPAFVRVV	7	>KDM6A-L11 KRPAFVRVV	12873	12866
>KDM6A-L11 KLPAFVRVVS	14	>KDM6A-L11 KRPAFVRVVS	15203	15189
>KDM6A-L11 KLPAFVRV	22	>KDM6A-L11 KRPAFVRV	8377	8355
>KDM6A-L11 KLPAFVRVV	211	>KDM6A-L11 KRPAFVRVV	13958	13747
>KDM6A-L11 KLPAFVRVVS	200	>KDM6A-L11 KRPAFVRVVS	18289	18089
>KDM6A-L11 KLPAFVRV	3	>KDM6A-L11 KRPAFVRV	6262	6259
>KDM6A-L11 KLPAFVRVV	3	>KDM6A-L11 KRPAFVRVV	7441	7438

>KDM6A-L11 KLPAFVRVVS	25	>KDM6A-L11 KRPAFVRVVS	20006	19981
>KDM6A-L11 KLPAFVRV	19	>KDM6A-L11 KRPAFVRV	22290	22271
>KDM6A-L11 KLPAFVRVV	30	>KDM6A-L11 KRPAFVRVV	22916	22886
>KDM6A-L11 KLPAFVRV	8	>KDM6A-L11 KRPAFVRV	14862	14854
>KDM6A-L11 KLPAFVRVV	19	>KDM6A-L11 KRPAFVRVV	20217	20198
>KDM6A-L11 KLPAFVRVVS	145	>KDM6A-L11 KRPAFVRVVS	25027	24882
>KDM6A-L11 KLPAFVRV	25	>KDM6A-L11 KRPAFVRV	23971	23946
>KDM6A-L11 KLPAFVRVV	77	>KDM6A-L11 KRPAFVRVV	23858	23781
>KDM6A-L11 KLPAFVRV	2	>KDM6A-L11 KRPAFVRV	10945	10943
>KDM6A-L11 KLPAFVRVV	4	>KDM6A-L11 KRPAFVRVV	20840	20836
>KDM6A-L11 KLPAFVRVVS	29	>KDM6A-L11 KRPAFVRVVS	30373	30344
>KDM6A-L11 KLPAFVRVV	358	>KDM6A-L11 KRPAFVRVV	12182	11824
>KDM6A-L11 KLPAFVRVVS	357	>KDM6A-L11 KRPAFVRVVS	14111	13754
>KDM6A-L11 KLPAFVRVV	83	>KDM6A-L11 KRPAFVRVV	4375	4292
>KDM6A-L11 KLPAFVRV	17872	>KDM6A-L11 KRPAFVRV	288	17584
>KDM6A-L11 KLPAFVRVV	10457	>KDM6A-L11 KRPAFVRVV	74	10383
>KDM6A-L11 KLPAFVRVV	16696	>KDM6A-L11 KRPAFVRVV	127	16569
>KDM6A-L11 WKLQLHELTK	95	>KDM6A-L11 WKLQLHELTK	870	775
>KDM6A-L11 WKLQLHELTK	31177	>KDM6A-L11 WKLQLHELTK	383	30794
>KDM6A-L11 TKLPAFVRV	412	>KDM6A-L11 TKRPAFVRV	6572	6160
>KDM6A-L11 TKLPAFVRV	255	>KDM6A-L11 TKRPAFVRV	205	50
>KDM6A-L11 TKLPAFVRVV	108	>KDM6A-L11 TKRPAFVRVV	92	16
>KDM6A-L11 TKLPAFVR	385	>KDM6A-L11 TKRPAFVR	1309	924
>KDM6A-L11 LTKLPAFV	348	>KDM6A-L11 LTKRPAFV	285	63
>KDM6A-L11 LTKLPAFV	1162	>KDM6A-L11 LTKRPAFV	336	826
>KDM6A-L11 LTKLPAFVRV	634	>KDM6A-L11 LTKRPAFVRV	191	443
>KDM6A-L11 LTKLPAFV	62	>KDM6A-L11 LTKRPAFV	20	42
>KDM6A-L11 LTKLPAFVR	1815	>KDM6A-L11 LTKRPAFVR	413	1402
>KDM6A-L11 LTKLPAFVRV	367	>KDM6A-L11 LTKRPAFVRV	99	268
>KDM6A-L11 LTKLPAFVRV'	452	>KDM6A-L11 LTKRPAFVRV	115	337
>KDM6A-L11 LTKLPAFVR	17	>KDM6A-L11 LTKRPAFVR	13	4
>KDM6A-L11 LTKLPAFVR	101	>KDM6A-L11 LTKRPAFVR	183	82
>KDM6A-L11 LTKLPAFVR	40	>KDM6A-L11 LTKRPAFVR	37	3
>KDM6A-L11 LTKLPAFV	143	>KDM6A-L11 LTKRPAFV	176	33
>KDM6A-L11 LTKLPAFVRV	210	>KDM6A-L11 LTKRPAFVRV	114	96
>KDM6A-L11 LTKLPAFV	366	>KDM6A-L11 LTKRPAFV	861	495
>KDM6A-L11 LTKLPAFVRV	301	>KDM6A-L11 LTKRPAFVRV	666	365
>KDM6A-L11 LTKLPAFV	224	>KDM6A-L11 LTKRPAFV	468	244
>KDM6A-L11 LTKLPAFVRV	256	>KDM6A-L11 LTKRPAFVRV	377	121
>KDM6A-L11 LTKLPAFVRV'	224	>KDM6A-L11 LTKRPAFVRV	130	94
>KDM6A-L11 ELTKLPAFV	127	>KDM6A-L11 ELTKRPAFV	315	188
>KDM6A-L11 ELTKLPAFVR'	353	>KDM6A-L11 ELTKRPAFVR'	684	331
>KDM6A-L11 ELTKLPAFV	206	>KDM6A-L11 ELTKRPAFV	182	24



>KDM6A-L11 ELTKLPAFV	14	>KDM6A-L11 ELTKRPAFV	27	13
>KDM6A-L11 ELTKLPAFVR\	38	>KDM6A-L11 ELTKRPAFVR'	64	26
>KDM6A-L11 ELTKLPAFV	62	>KDM6A-L11 ELTKRPAFV	121	59
>KDM6A-L11 ELTKLPAFVR\	355	>KDM6A-L11 ELTKRPAFVR'	522	167
>KDM6A-L11 ELTKLPAFV	14	>KDM6A-L11 ELTKRPAFV	22	8
>KDM6A-L11 ELTKLPAFVR\	28	>KDM6A-L11 ELTKRPAFVR'	49	21
>KDM6A-L11 ELTKLPAFV	15	>KDM6A-L11 ELTKRPAFV	42	27
>KDM6A-L11 ELTKLPAFVR\	78	>KDM6A-L11 ELTKRPAFVR'	163	85
>KDM6A-L11 ELTKLPAFV	13	>KDM6A-L11 ELTKRPAFV	13	0
>KDM6A-L11 ELTKLPAFVR\	7	>KDM6A-L11 ELTKRPAFVR'	8	1
>KDM6A-L11 ELTKLPAF	178	>KDM6A-L11 ELTKRPAF	1068	890
>KDM6A-L11 ELTKLPAFVR	118	>KDM6A-L11 ELTKRPAFVR	341	223
>KDM6A-L11 ELTKLPAFV	31	>KDM6A-L11 ELTKRPAFV	116	85
>KDM6A-L11 ELTKLPAFVR\	37	>KDM6A-L11 ELTKRPAFVR'	105	68
>KDM6A-L11 ELTKLPAFV	33	>KDM6A-L11 ELTKRPAFV	212	179
>KDM6A-L11 ELTKLPAFVR\	82	>KDM6A-L11 ELTKRPAFVR'	245	163
>KDM6A-L11 ELTKLPAF	4270	>KDM6A-L11 ELTKRPAF	410	3860
>KDM6A-L11 ELTKLPAFVR	335	>KDM6A-L11 ELTKRPAFVR	221	114
>KDM6A-L11 ELTKLPAFVR	156	>KDM6A-L11 ELTKRPAFVR	239	83
>KDM6A-L11 HELTKLPAFV	13	>KDM6A-L11 HELTKRPAFV	15	2
>KDM6A-L11 HELTKLPAF	96	>KDM6A-L11 HELTKRPAF	59	37
>KDM6A-L11 HELTKLPAF	17	>KDM6A-L11 HELTKRPAF	20	3
>KDM6A-L11 HELTKLPAF	179	>KDM6A-L11 HELTKRPAF	364	185
>KDM6A-L11 HELTKLPA	82	>KDM6A-L11 HELTKRPA	203	121
>KDM6A-L11 HELTKLPAF	54	>KDM6A-L11 HELTKRPAF	70	16
>KDM6A-L11 HELTKLPAF	268	>KDM6A-L11 HELTKRPAF	611	343
>KDM6A-L11 HELTKLPAF	168	>KDM6A-L11 HELTKRPAF	498	330
>KDM6A-L11 HELTKLPA	69	>KDM6A-L11 HELTKRPA	103	34
>KDM6A-L11 HELTKLPAF	14	>KDM6A-L11 HELTKRPAF	42	28
>KDM6A-L11 HELTKLPAFV	76	>KDM6A-L11 HELTKRPAFV	232	156
>KDM6A-L11 HELTKLPAFVI	124	>KDM6A-L11 HELTKRPAFVI	102	22
>KDM6A-L11 QLHELTKL	33	>KDM6A-L11 QLHELTKR	12847	12814
>KDM6A-L11 QLHELTKLPA	257	>KDM6A-L11 QLHELTKRPA	1418	1161
>KDM6A-L11 QLHELTKL	50	>KDM6A-L11 QLHELTKR	15731	15681
>KDM6A-L11 QLHELTKLPA	219	>KDM6A-L11 QLHELTKRPA	578	359
>KDM6A-L11 QLHELTKL	48	>KDM6A-L11 QLHELTKR	15958	15910
>KDM6A-L11 QLHELTKLPA	241	>KDM6A-L11 QLHELTKRPA	377	136
>KDM6A-L11 QLHELTKL	422	>KDM6A-L11 QLHELTKR	25276	24854
>KDM6A-L11 QLHELTKL	441	>KDM6A-L11 QLHELTKR	21134	20693
>KDM6A-L11 QLHELTKL	11	>KDM6A-L11 QLHELTKR	13469	13458
>KDM6A-L11 QLHELTKLPA	171	>KDM6A-L11 QLHELTKRPA	652	481
>KDM6A-L11 QLHELTKL	16466	>KDM6A-L11 QLHELTKR	449	16017
>KDM6A-L11 QLHELTKLPA	171	>KDM6A-L11 QLHELTKRPA	193	22

>KDM6A-L11 QLHELTKL	36501	>KDM6A-L11 QLHELTKR	417	36084
>KDM6A-L11 QLHELTKLPA	196	>KDM6A-L11 QLHELTKRPA	225	29
>KDM6A-L11 QLHELTKLPA	403	>KDM6A-L11 QLHELTKRPA	445	42
>KDM6A-L11 QLHELTKLPA	75	>KDM6A-L11 QLHELTKRPA	63	12
>KDM6A-L11 QLHELTKL	31229	>KDM6A-L11 QLHELTKR	170	31059
>KDM6A-L11 LQLHELTKL	320	>KDM6A-L11 LQLHELTKR	25355	25035
>KDM6A-L11 LQLHELTKL	34	>KDM6A-L11 LQLHELTKR	11599	11565
>KDM6A-L11 LQLHELTKLP/	37	>KDM6A-L11 LQLHELTKRP/	164	127
>KDM6A-L11 LQLHELTKL	18695	>KDM6A-L11 LQLHELTKR	305	18390
>KDM6A-L11 LQLHELTKL	29	>KDM6A-L11 LQLHELTKR	351	322
>KDM6A-L11 LQLHELTKLP/	177	>KDM6A-L11 LQLHELTKRP/	285	108
>KDM6A-L11 KLQLHELTKL	140	>KDM6A-L11 KLQLHELTKR	13211	13071
>KDM6A-L11 KLQLHELTKL	216	>KDM6A-L11 KLQLHELTKR	12608	12392
>KDM6A-L11 KLQLHELTKL	456	>KDM6A-L11 KLQLHELTKR	24586	24130
>KDM6A-L11 KLQLHELTKL	148	>KDM6A-L11 KLQLHELTKR	23266	23118
>KDM6A-L11 KLQLHELTKL	40	>KDM6A-L11 KLQLHELTKR	23138	23098
>KDM6A-L11 KLQLHELTKL	10956	>KDM6A-L11 KLQLHELTKR	38	10918
>KDM6A-L11 KLQLHELTKL	427	>KDM6A-L11 KLQLHELTKR	11548	11121
>KDM6A-L11 KLQLHELTKL	27827	>KDM6A-L11 KLQLHELTKR	102	27725
>KDM6A-L97 LKLDLGLF	25	>KDM6A-L97 IKLDLGLF	19	6
>KDM6A-L97 LKLDLGLFSTK	247	>KDM6A-L97 IKLDLGLFSTK	189	58
>KDM6A-L97 ALKLDLGL	307	>KDM6A-L97 AIKLDLGL	3168	2861
>KDM6A-L97 ALKLDLGL	134	>KDM6A-L97 AIKLDLGL	917	783
>KDM6A-L97 ALKLDLGLFST	199	>KDM6A-L97 AIKLDLGLFST	1726	1527
>KDM6A-L97 ALKLDLGL	28	>KDM6A-L97 AIKLDLGL	2772	2744
>KDM6A-L97 ALKLDLGLFST	294	>KDM6A-L97 AIKLDLGLFST	10109	9815
>KDM6A-L97 VTVIRGLAGA	428	>KDM6A-L97 VTVIRGLAGA	1410	982
>KDM6A-L97 VTVIRGLAGA	6	>KDM6A-L97 VTVIRGLAGA	14	8
>KDM6A-L97 VTVIRGLAGA	387	>KDM6A-L97 VTVIRGLAGA	855	468
>KDM6A-L97 VTVIRGLAGA	2591	>KDM6A-L97 VTVIRGLAGA	124	2467
>KDM6A-L97 GALKLDLGL	441	>KDM6A-L97 GAIKLDLGL	356	85
>KDM6A-L97 GALKLDLGLF	284	>KDM6A-L97 GAIKLDLGLF	237	47
>KDM6A-L97 GLAGALKL	170	>KDM6A-L97 GLAGAIKL	137	33
>KDM6A-L97 GLAGALKL	14	>KDM6A-L97 GLAGAIKL	12	2
>KDM6A-L97 GLAGALKLDL	70	>KDM6A-L97 GLAGAIKLDL	60	10
>KDM6A-L97 GLAGALKLDL	310	>KDM6A-L97 GLAGAIKLDL	308	2
>KDM6A-L97 GLAGALKL	30	>KDM6A-L97 GLAGAIKL	40	10
>KDM6A-L97 GLAGALKLDL	453	>KDM6A-L97 GLAGAIKLDL	414	39
>KDM6A-L97 GLAGALKL	444	>KDM6A-L97 GLAGAIKL	521	77
>KDM6A-L97 GLAGALKL	47	>KDM6A-L97 GLAGAIKL	25	22
>KDM6A-L97 GLAGALKLDL	417	>KDM6A-L97 GLAGAIKLDL	227	190
>KDM6A-L97 GLAGALKL	141	>KDM6A-L97 GLAGAIKL	85	56
>KDM6A-L97 GLAGALKL	14	>KDM6A-L97 GLAGAIKL	10	4

>KDM6A-L97 GLAGALKLDL	41	>KDM6A-L97 GLAGAIKLDL	32	9
>KDM6A-L97 GLAGALKL	135	>KDM6A-L97 GLAGAIKL	70	65
>KDM6A-L97 GLAGALK	4	>KDM6A-L97 GLAGAIK	3	1
>KDM6A-L97 GLAGALKLDL	7	>KDM6A-L97 GLAGAIKLDL	6	1
>KDM6A-L97 RGLAGALK	362	>KDM6A-L97 RGLAGAIK	1380	1018
>KDM6A-L97 RGLAGALK	400	>KDM6A-L97 RGLAGAIK	1418	1018
>KDM6A-L97 RGLAGALK	33	>KDM6A-L97 RGLAGAIK	45	12
>KDM6A-L97 RGLAGALKL	22	>KDM6A-L97 RGLAGAIKL	62	40
>KDM6A-L97 RGLAGALKLD	492	>KDM6A-L97 RGLAGAIKLD	807	315
>KDM6A-L97 IRGLAGALKL	64	>KDM6A-L97 IRGLAGAIKL	107	43
>KDM6A-L97 IRGLAGALKL	241	>KDM6A-L97 IRGLAGAIKL	523	282
>KDM6A-L97 IRGLAGALKL	100	>KDM6A-L97 IRGLAGAIKL	189	89
>KDM6A-L97 VIRLAGALK	371	>KDM6A-L97 VIRLAGAIK	323	48
>KDM6A-L97 VIRLAGALK	49	>KDM6A-L97 VIRLAGAIK	114	65
>KDM6A-L97 VIRLAGALK	366	>KDM6A-L97 VIRLAGAIK	917	551
>KDM6A-L97 VIRLAGALK	15	>KDM6A-L97 VIRLAGAIK	19	4
>KDM6A-L97 VIRLAGALK	266	>KDM6A-L97 VIRLAGAIK	1098	832
>KDM6A-L97 VIRLAGAL	60	>KDM6A-L97 VIRLAGAI	597	537
>KDM6A-L97 VIRLAGALK	296	>KDM6A-L97 VIRLAGAIKL	649	353
>KDM6A-L97 TVIRLAGAL	508	>KDM6A-L97 TVIRLAGAI	341	167
>KDM6A-L97 TVIRLAGALI	197	>KDM6A-L97 TVIRLAGAIK	611	414
>KDM6A-L97 TVIRLAGALI	20	>KDM6A-L97 TVIRLAGAIK	33	13
>KDM6A-L97 TVIRLAGAL	10	>KDM6A-L97 TVIRLAGAI	38	28
>KDM6A-L97 TVIRLAGALI	135	>KDM6A-L97 TVIRLAGAIK	221	86
>KDM6A-L97 TVIRLAGALI	18	>KDM6A-L97 TVIRLAGAIK	48	30
>KDM6A-L97 TVIRLAGAL	227	>KDM6A-L97 TVIRLAGAI	113	114
>KDM6A-L97 TVIRLAGAL	239	>KDM6A-L97 TVIRLAGAI	148	91
>KDM6A-R1C RRKGPFKTIK	163	>KDM6A-R1C GRKGPFKTIK	6211	6048
>KDM6A-R1C RRKGPFKTI	153	>KDM6A-R1C GRKGPFKTI	1584	1431
>KDM6A-R1C RRKGPFKTIK	27	>KDM6A-R1C GRKGPFKTIK	340	313
>KDM6A-R1C RRKGPFKTI	313	>KDM6A-R1C GRKGPFKTI	2763	2450
>KDM6A-R1C RRKGPFKTI	72	>KDM6A-R1C GRKGPFKTI	513	441
>KDM6A-R1C RRKGPFKTIK	34	>KDM6A-R1C GRKGPFKTIK	283	249
>KDM6A-R1C RRKGPFKTIK	58	>KDM6A-R1C GRKGPFKTIK	413	355
>KDM6A-R1C RRKGPFKTI	64	>KDM6A-R1C GRKGPFKTI	898	834
>KDM6A-R1C RRKGPFKTIK	74	>KDM6A-R1C GRKGPFKTIK	2224	2150
>KDM6A-R1C RRKGPFKTIK	93	>KDM6A-R1C GRKGPFKTIK	1043	950
>KDM6A-R1C RRKGPFKTI	110	>KDM6A-R1C GRKGPFKTI	451	341
>KDM6A-R1C RRKGPFKTIK	72	>KDM6A-R1C GRKGPFKTIK	1240	1168
>KDM6A-R1C RRKGPFKTIK	117	>KDM6A-R1C GRKGPFKTIK	319	202
>KDM6A-R1C RRRKGPFK	9909	>KDM6A-R1C RGRKGPFK	289	9620
>KDM6A-R1C RRRKGPFK	4	>KDM6A-R1C RGRKGPFK	3	1
>KDM6A-R1C RRRKGPFKTI	156	>KDM6A-R1C RGRKGPFKTI	27	129

>KDM6A-R1C RRRKGPFTII	14	>KDM6A-R1C RGRKGPFTII	6	8
>KDM6A-R1C RRRKGPFTI	52	>KDM6A-R1C RGRKGPFTI	2292	2240
>KDM6A-R1C RRRKGPFK	89	>KDM6A-R1C RGRKGPFK	12569	12480
>KDM6A-R1C RRRKGPFKT	216	>KDM6A-R1C RGRKGPFKT	20591	20375
>KDM6A-R1C RRRKGPFTI	25	>KDM6A-R1C RGRKGPFTI	17819	17794
>KDM6A-R1C RRRKGPFTII	67	>KDM6A-R1C RGRKGPFTII	12985	12918
>KDM6A-R1C RRRKGPFK	57	>KDM6A-R1C RGRKGPFK	14834	14777
>KDM6A-R1C RRRKGPFKT	67	>KDM6A-R1C RGRKGPFKT	14225	14158
>KDM6A-R1C RRRKGPFTI	27	>KDM6A-R1C RGRKGPFTI	7943	7916
>KDM6A-R1C RRRKGPFTII	53	>KDM6A-R1C RGRKGPFTII	11166	11113
>KDM6A-R1C RRRKGPFTI	33	>KDM6A-R1C RGRKGPFTI	13038	13005
>KDM6A-R1C RRRKGPFTII	82	>KDM6A-R1C RGRKGPFTII	10594	10512
>KDM6A-R1C ESTSSDNSGR	7	>KDM6A-R1C ESTSSDNSGR	18837	18830
>KDM6A-R1C GRRRKGPFK	11	>KDM6A-R1C GRGRKGPFK	6903	6892
>KDM6A-R1C GRRRKGPF	153	>KDM6A-R1C GRGRKGPF	1464	1311
>KDM6A-R1C GRRRKGPF	467	>KDM6A-R1C GRGRKGPF	880	413
>KDM6A-R1C GRRRKGPFT	266	>KDM6A-R1C GRGRKGPFT	1108	842
>KDM6A-R1C GRRRKGPFTI	337	>KDM6A-R1C GRGRKGPFTI	3155	2818
>KDM6A-R1C GRRRKGPFTII	216	>KDM6A-R1C GRGRKGPFTII	1820	1604
>KDM6A-R1C GRRRKGPFK	297	>KDM6A-R1C GRGRKGPFK	1221	924
>KDM6A-R1C GRRRKGPFKT	160	>KDM6A-R1C GRGRKGPFKT	584	424
>KDM6A-R1C SGRRRKGPFK	4	>KDM6A-R1C SGRGRKGPFK	6	2
>KDM6A-R1C SGRRRKGPF	119	>KDM6A-R1C SGRGRKGPF	1082	963
>KDM6A-R1C SSDNSGRRRK	371	>KDM6A-R1C SSDNSGRGRK	452	81
>KDM6A-R1C TSSDNSGRRF	95	>KDM6A-R1C TSSDNSGRGF	77	18
>KDM6A-R1C TSSDNSGRRF	81	>KDM6A-R1C TSSDNSGRGF	97	16
>KDM6A-R1C TSSDNSGRR	29	>KDM6A-R1C TSSDNSGRG	29231	29202
>KDM6A-R1C TSSDNSGRRF	87	>KDM6A-R1C TSSDNSGRGF	68	19
>KDM6A-R1C TSSDNSGRRF	173	>KDM6A-R1C TSSDNSGRGF	107	66
>KDM6A-R1C STSSDNSGRR	156	>KDM6A-R1C STSSDNSGRG	32714	32558
>KDM6A-R1C STSSDNSGRR	354	>KDM6A-R1C STSSDNSGRG	699	345
>KDM6A-R1C STSSDNSGRR	49	>KDM6A-R1C STSSDNSGRG	35022	34973
>KDM6A-R1C STSSDNSGRR	28	>KDM6A-R1C STSSDNSGRG	26	2
>KDM6A-R1C STSSDNSGRR	276	>KDM6A-R1C STSSDNSGRG	13381	13105
>KDM6A-R1C STSSDNSGRR	308	>KDM6A-R1C STSSDNSGRG	514	206
>KDR-A1065` ARLPLKWM	92	>KDR-A1065` TRLPKWM	282	190
>KDR-A1065` ARLPLKWMA	178	>KDR-A1065` TRLPKWMA	622	444
>KDR-A1065` ARLPLKWM	348	>KDR-A1065` TRLPKWM	496	148
>KDR-A1065` DARLPKWM	234	>KDR-A1065` DTRLPKWM	8	226
>KDR-A1065` DARLPKW	8609	>KDR-A1065` DTRLPKW	385	8224
>KDR-A1065` DARLPKWM	1423	>KDR-A1065` DTRLPKWM	25	1398
>KDR-A1065` DARLPKW	360	>KDR-A1065` DTRLPKW	32	328
>KDR-A1065` DARLPKWM	1722	>KDR-A1065` DTRLPKWM	102	1620

>KDR-A1065` DARLPLKW	405	>KDR-A1065` DTRLPLKW	224	181
>KDR-A1065` DARLPLKWM	1892	>KDR-A1065` DTRLPLKWM	90	1802
>KDR-A1065` KGDARLPLKV	336	>KDR-A1065` KGDTRLPLKV	554	218
>KDR-A1065` KGDARLPLKV	23	>KDR-A1065` KGDTRLPLKV	38	15
>KDR-A1065` RKG DARLPLK	355	>KDR-A1065` RKG DTRLPLK	387	32
>KDR-A1065` RKG DARLPL	75	>KDR-A1065` RKG DTRLPL	39	36
>KDR-A1065` RKG DARLPL	517	>KDR-A1065` RKG DTRLPL	444	73
>KDR-A1065` VRKGDARLPL	384	>KDR-A1065` VRKGDTRLPL	171	213
>KDR-A1065` VRKGDARLPL	361	>KDR-A1065` VRKGDTRLPL	486	125
>KDR-A1065` VRKGDARLPL	534	>KDR-A1065` VRKGDTRLPL	435	99
>KDR-A1065` VRKGDARLPL	303	>KDR-A1065` VRKGDTRLPL	166	137
>KDR-A1065` YVRKGDARL	79	>KDR-A1065` YVRKGDTRL	129	50
>KDR-A1065` YVRKGDARLF	179	>KDR-A1065` YVRKGDTRLP	210	31
>KDR-A1065` YVRKGDARLF	42	>KDR-A1065` YVRKGDTRLP	73	31
>KDR-A1065` YVRKGDAR	395	>KDR-A1065` YVRKGDTR	577	182
>KDR-A1065` YVRKGDAR	216	>KDR-A1065` YVRKGDTR	309	93
>KDR-A1065` YVRKGDAR	169	>KDR-A1065` YVRKGDTR	149	20
>KDR-A1065` YVRKGDARL	71	>KDR-A1065` YVRKGDTRL	59	12
>KDR-A1065` YVRKGDARLF	11	>KDR-A1065` YVRKGDTRLP	11	0
>KDR-A1065` YVRKGDARLF	501	>KDR-A1065` YVRKGDTRLP	454	47
>KDR-A1065` YVRKGDARLF	159	>KDR-A1065` YVRKGDTRLP	195	36
>KDR-A1065` YVRKGDARL	23	>KDR-A1065` YVRKGDTRL	54	31
>KDR-A1065` YVRKGDARLF	60	>KDR-A1065` YVRKGDTRLP	69	9
>KDR-A1065` YVRKGDARL	114	>KDR-A1065` YVRKGDTRL	54	60
>KDR-A1065` YVRKGDARLF	751	>KDR-A1065` YVRKGDTRLP	427	324
>KDR-A1065` DYVRKGDAR	104	>KDR-A1065` DYVRKGDTR	111	7
>KDR-A248G ARTELNVGID	102	>KDR-A248G GRTELNVGID	390	288
>KDR-A248G ARTELNVGI	71	>KDR-A248G GRTELNVGI	78	7
>KDR-A248G ARTELNVGID	336	>KDR-A248G GRTELNVGID	369	33
>KDR-A248G ARTELNVGI	117	>KDR-A248G GRTELNVGI	66	51
>KDR-A248G ARTELNVGID	269	>KDR-A248G GRTELNVGID	153	116
>KDR-A248G CTARTELNVG	116	>KDR-A248G CTGRTELNVG	2102	1986
>KDR-A248G CTARTELNVG	24	>KDR-A248G CTGRTELNVG	44	20
>KDR-A248G LNCTARTEL	234	>KDR-A248G LNCTGRTEL	1806	1572
>KDR-A248G VLNCTARTEL	423	>KDR-A248G VLNCTGRTEL	641	218
>KDR-A248G VLNCTART	181	>KDR-A248G VLNCTGRT	394	213
>KDR-A248G VLNCTART	271	>KDR-A248G VLNCTGRT	645	374
>KDR-A248G VLNCTARTEL	51	>KDR-A248G VLNCTGRTEL	37	14
>KDR-A248G VLNCTARTEL	104	>KDR-A248G VLNCTGRTEL	103	1
>KDR-A248G VLNCTARTEL	281	>KDR-A248G VLNCTGRTEL	263	18
>KDR-A248G VLNCTART	287	>KDR-A248G VLNCTGRT	1749	1462
>KDR-A248G VLNCTARTEL	15	>KDR-A248G VLNCTGRTEL	15	0
>KDR-A248G VLNCTARTEL	569	>KDR-A248G VLNCTGRTEL	456	113

>KDR-A248G LVLNCTARTE	417	>KDR-A248G LVLNCTGRTE	983	566
>KDR-A248G LVLNCTARTE	385	>KDR-A248G LVLNCTGRTE	968	583
>KDR-A248G LVLNCTARTE	113	>KDR-A248G LVLNCTGRTE	235	122
>KDR-A248G LVLNCTARTE	51	>KDR-A248G LVLNCTGRTE	99	48
>KDR-A248G LVLNCTAR	40	>KDR-A248G LVLNCTGR	141	101
>KDR-A248G LVLNCTAR	254	>KDR-A248G LVLNCTGR	719	465
>KDR-A248G LVLNCTAR	150	>KDR-A248G LVLNCTGR	157	7
>KDR-A248G LVLNCTARTE	336	>KDR-A248G LVLNCTGRTE	275	61
>KDR-A248G LVLNCTAR	349	>KDR-A248G LVLNCTGR	354	5
>KDR-A248G KLVNCTA	144	>KDR-A248G KLVNCTG	10039	9895
>KDR-A248G KLVNCTART	370	>KDR-A248G KLVNCTGRT	503	133
>KDR-A248G KLVNCTA	174	>KDR-A248G KLVNCTG	7615	7441
>KDR-A248G KLVNCTA	153	>KDR-A248G KLVNCTG	7580	7427
>KDR-A248G KLVNCTA	345	>KDR-A248G KLVNCTG	13024	12679
>KDR-A248G KLVNCTA	47	>KDR-A248G KLVNCTG	14578	14531
>KDR-A248G KLVNCTAR	71	>KDR-A248G KLVNCTGR	235	164
>KDR-A248G KLVNCTAR	66	>KDR-A248G KLVNCTGR	48	18
>KDR-A352V AKYLGYP	389	>KDR-A352V VKYLGYP	690	301
>KDR-A352V AKYLGYP	299	>KDR-A352V VKYLGYP	513	214
>KDR-A352V AKYLGYPPE	23	>KDR-A352V VKYLGYPPE	34	11
>KDR-A352V AKYLGYPPE	314	>KDR-A352V VKYLGYPPE	1427	1113
>KDR-A352V ATVGERVRIP	1774	>KDR-A352V ATVGERVRIP	246	1528
>KDR-A352V ATVGERVRIP	11299	>KDR-A352V ATVGERVRIP	130	11169
>KDR-A352V ATVGERVRIP	399	>KDR-A352V ATVGERVRIP	681	282
>KDR-A352V ATVGERVRIP	324	>KDR-A352V ATVGERVRIP	32	292
>KDR-A352V ATVGERVRIP	7691	>KDR-A352V ATVGERVRIP	497	7194
>KDR-A352V IPAKYLG	25	>KDR-A352V IPVKYL	24	1
>KDR-A352V IPAKYLG	158	>KDR-A352V IPVKYL	94	64
>KDR-A352V IPAKYLGYP	906	>KDR-A352V IPVKYL	407	499
>KDR-A352V IPAKYLGYP	120	>KDR-A352V IPVKYL	87	33
>KDR-A352V IPAKYLG	118	>KDR-A352V IPVKYL	211	93
>KDR-A352V IPAKYLG	406	>KDR-A352V IPVKYL	327	79
>KDR-A352V RIPA KYLG	287	>KDR-A352V RIPA KYLG	471	184
>KDR-A352V RIPA KYLG	22	>KDR-A352V RIPA KYLG	92	70
>KDR-A352V RIPA KYLG	478	>KDR-A352V RIPA KYLG	1349	871
>KDR-A352V VRIPA KYLG	280	>KDR-A352V VRIPA KYLG	378	98
>KDR-A352V VRIPA KYLG	59	>KDR-A352V VRIPA KYLG	59	0
>KDR-A352V RVRIPA KY	404	>KDR-A352V RVRIPA KY	397	7
>KDR-A352V RVRIPA KYG`	280	>KDR-A352V RVRIPA KYG`	316	36
>KDR-A352V RVRIPA KY	483	>KDR-A352V RVRIPA KY	846	363
>KDR-A352V RVRIPA KYG`	222	>KDR-A352V RVRIPA KYG`	366	144
>KDR-A352V RVRIPA KY	14	>KDR-A352V RVRIPA KY	15	1
>KDR-A352V RVRIPA KYL	7	>KDR-A352V RVRIPA KYL	6	1

>KDR-A352V·RVRIPAKYLG	19	>KDR-A352V·RVRIPVKYLG	21	2
>KDR-A352V·RVRIPAKYLG`	10	>KDR-A352V·RVRIPVKYLG`	9	1
>KDR-A352V·RVRIPAKY	205	>KDR-A352V·RVRIPVKY	646	441
>KDR-A352V·RVRIPAKYLG`	73	>KDR-A352V·RVRIPVKYLG`	107	34
>KDR-A352V·RVRIPAKYL	88	>KDR-A352V·RVRIPVKYL	166	78
>KDR-A352V·RVRIPAKYLG`	187	>KDR-A352V·RVRIPVKYLG`	139	48
>KDR-A352V·RVRIPAKY	909	>KDR-A352V·RVRIPVKY	473	436
>KDR-A352V·RVRIPAKY	5	>KDR-A352V·RVRIPVKY	7	2
>KDR-A352V·RVRIPAKYL	7	>KDR-A352V·RVRIPVKYL	13	6
>KDR-A352V·RVRIPAKYLG`	4	>KDR-A352V·RVRIPVKYLG`	4	0
>KDR-A352V·RVRIPAKYL	168	>KDR-A352V·RVRIPVKYL	480	312
>KDR-A352V·RVRIPAKYLG`	129	>KDR-A352V·RVRIPVKYLG`	202	73
>KDR-A352V·ERVRIPAKYL	170	>KDR-A352V·ERVRIPVKYL	135	35
>KDR-A352V·ERVRIPAKYL	572	>KDR-A352V·ERVRIPVKYL	464	108
>KDR-A352V·GERVRIPAK	263	>KDR-A352V·GERVRIPVK	460	197
>KDR-A352V·GERVRIPA	67	>KDR-A352V·GERVRIPV	54	13
>KDR-A352V·GERVRIPAKY	217	>KDR-A352V·GERVRIPVKY	124	93
>KDR-A352V·GERVRIPA	42	>KDR-A352V·GERVRIPV	189	147
>KDR-A352V·GERVRIPAKY	510	>KDR-A352V·GERVRIPVKY	406	104
>KDR-A352V·GERVRIPA	9058	>KDR-A352V·GERVRIPV	349	8709
>KDR-A352V·GERVRIPAK	135	>KDR-A352V·GERVRIPVK	156	21
>KDR-A352V·GERVRIPAKY	24	>KDR-A352V·GERVRIPVKY	13	11
>KDR-A352V·VGERVRIPAK	315	>KDR-A352V·VGERVRIPVK	917	602
>KDR-A352V·TVGERVRIPA	6529	>KDR-A352V·TVGERVRIPV	258	6271
>KDR-A352V·TVGERVRIPA	9304	>KDR-A352V·TVGERVRIPV	135	9169
>KDR-A352V·TVGERVRIPA	299	>KDR-A352V·TVGERVRIPV	388	89
>KDR-A352V·TVGERVRIPA	67	>KDR-A352V·TVGERVRIPV	88	21
>KDR-A352V·TVGERVRIPA	497	>KDR-A352V·TVGERVRIPV	643	146
>KDR-A352V·TVGERVRIPA	1137	>KDR-A352V·TVGERVRIPV	85	1052
>KDR-A352V·TVGERVRIPA	2079	>KDR-A352V·TVGERVRIPV	79	2000
>KDR-A973S·ASSGFVEEK	13	>KDR-A973S·SSSGFVEEK	10	3
>KDR-A973S·ASSGFVEEK	193	>KDR-A973S·SSSGFVEEK	27	166
>KDR-A973S·ASSGFVEEKSI	40	>KDR-A973S·SSSGFVEEKSI	93	53
>KDR-A973S·ASSGFVEEK	90	>KDR-A973S·SSSGFVEEK	102	12
>KDR-A973S·SASSGFVEEK	812	>KDR-A973S·SSSSGFVEEK	308	504
>KDR-A973S·SASSGFVEEK	19	>KDR-A973S·SSSSGFVEEK	10	9
>KDR-A973S·SASSGFVEEK	38	>KDR-A973S·SSSSGFVEEK	31	7
>KDR-A973S·SASSGFVEEK	150	>KDR-A973S·SSSSGFVEEK	78	72
>KDR-A973S·SSASSGFV	297	>KDR-A973S·SSSSSGFV	717	420
>KDR-A973S·SSASSGFVEEI	12	>KDR-A973S·SSSSSGFVEEK	11	1
>KDR-A973S·SSASSGFVEEI	20	>KDR-A973S·SSSSSGFVEEK	39	19
>KDR-A973S·SSASSGFV	26	>KDR-A973S·SSSSSGFV	90	64
>KDR-A973S·SSASSGFV	160	>KDR-A973S·SSSSSGFV	890	730

>KDR-A973S-SSASSGFVEEI	88	>KDR-A973S-SSSSSGFVEEH	110	22
>KDR-A973S-SSASSGFV	243	>KDR-A973S-SSSSSGFV	578	335
>KDR-A973S-QSSASSGFV	25	>KDR-A973S-QSSSSSGFV	40	15
>KDR-A973S-QSSASSGFV	429	>KDR-A973S-QSSSSSGFV	507	78
>KDR-A973S-QSSASSGF	100	>KDR-A973S-QSSSSSGF	111	11
>KDR-A973S-QSSASSGF	44	>KDR-A973S-QSSSSSGF	20	24
>KDR-A973S-QSSASSGF	4	>KDR-A973S-QSSSSSGF	5	1
>KDR-A973S-QSSASSGF	247	>KDR-A973S-QSSSSSGF	470	223
>KDR-A973S-QSSASSGF	315	>KDR-A973S-QSSSSSGF	303	12
>KDR-A973S-QSSASSGFV	1683	>KDR-A973S-QSSSSSGFV	360	1323
>KDR-A973S-SQSSASSGFV	486	>KDR-A973S-SQSSSSSGFV	526	40
>KDR-A973S-SQSSASSGFV	68	>KDR-A973S-SQSSSSSGFV	71	3
>KDR-A973S-SQSSASSGFV	49	>KDR-A973S-SQSSSSSGFV	44	5
>KDR-A973S-SQSSASSGF	334	>KDR-A973S-SQSSSSSGF	640	306
>KDR-A973S-SQSSASSGFV	384	>KDR-A973S-SQSSSSSGFV	349	35
>KDR-A973S-SQSSASSGFV	374	>KDR-A973S-SQSSSSSGFV	359	15
>KDR-A973S-SQSSASSGFV	75	>KDR-A973S-SQSSSSSGFV	102	27
>KDR-A973S-SQSSASSGFV	363	>KDR-A973S-SQSSSSSGFV	462	99
>KDR-A973S-SQSSASSG	321	>KDR-A973S-SQSSSSSG	206	115
>KDR-A973S-SQSSASSGF	24	>KDR-A973S-SQSSSSSGF	22	2
>KDR-A973S-SQSSASSGFV	334	>KDR-A973S-SQSSSSSGFV	356	22
>KDR-A973S-SQSSASSGF	52	>KDR-A973S-SQSSSSSGF	32	20
>KDR-A973S-SQSSASSGF	3	>KDR-A973S-SQSSSSSGF	2	1
>KDR-A973S-SQSSASSGFV	243	>KDR-A973S-SQSSSSSGFV	99	144
>KDR-A973S-SQSSASSGF	297	>KDR-A973S-SQSSSSSGF	203	94
>KDR-A973S-SSQSSASSGF <sup>1</sup>	555	>KDR-A973S-SSQSSSSSGF\	459	96
>KDR-A973S-SSQSSASSGF	57	>KDR-A973S-SSQSSSSSGF	40	17
>KDR-A973S-SSQSSASSGF	492	>KDR-A973S-SSQSSSSSGF	256	236
>KDR-A973S-SSQSSASSGF	18	>KDR-A973S-SSQSSSSSGF	11	7
>KDR-A973S-SSQSSASSGF	4	>KDR-A973S-SSQSSSSSGF	4	0
>KDR-A973S-SSQSSASSG	252	>KDR-A973S-SSQSSSSSG	307	55
>KDR-A973S-SSQSSASSGF	25	>KDR-A973S-SSQSSSSSGF	26	1
>KDR-A973S-SSQSSASSGF <sup>1</sup>	78	>KDR-A973S-SSQSSSSSGF\	66	12
>KDR-A973S-SSQSSASSGF <sup>1</sup>	288	>KDR-A973S-SSQSSSSSGF\	264	24
>KDR-A973S-TSSQSSASSG	63	>KDR-A973S-TSSQSSSSSGf	60	3
>KDR-A973S-TSSQSSASSG	51	>KDR-A973S-TSSQSSSSSGf	27	24
>KDR-A973S-TSSQSSASSG	4	>KDR-A973S-TSSQSSSSSGf	3	1
>KDR-A973S-TSSQSSASSG	432	>KDR-A973S-TSSQSSSSSGf	542	110
>KDR-A973S-TSSQSSASSG	189	>KDR-A973S-TSSQSSSSSGf	197	8
>KDR-A973S-TSSQSSASSG	25	>KDR-A973S-TSSQSSSSSGf	11	14
>KDR-A973S-ITSSQSSAS	186	>KDR-A973S-ITSSQSSSS	85	101
>KDR-A973S-ITSSQSSASSE	135	>KDR-A973S-ITSSQSSSSSG	129	6
>KDR-A973S-SITSSQSSA	231	>KDR-A973S-SITSSQSSS	8889	8658



>KDR-A973S- SITSSQSSA	225	>KDR-A973S- SITSSQSSS	11361	11136
>KDR-D180N DSKKGFTIPSY	86	>KDR-D180N NSKKGFTIPSY	423	337
>KDR-D180N DSKKGFTIPSY	250	>KDR-D180N NSKKGFTIPSY	1626	1376
>KDR-D180N DSKKGFTIPSY	115	>KDR-D180N NSKKGFTIPSY	616	501
>KDR-D180N DSKKGFTIPSY	140	>KDR-D180N NSKKGFTIPSY	88	52
>KDR-D180N DSKKGFTIPSY	723	>KDR-D180N NSKKGFTIPSY	88	635
>KDR-D180N DSKKGFTIPSY	950	>KDR-D180N NSKKGFTIPSY	240	710
>KDR-D180N DSKKGFTIPSY	735	>KDR-D180N NSKKGFTIPSY	239	496
>KDR-D180N DSKKGFTIPSY	407	>KDR-D180N NSKKGFTIPSY	118	289
>KDR-D180N DSKKGFTI	1086	>KDR-D180N NSKKGFTI	262	824
>KDR-D180N WDSKKGFTI	265	>KDR-D180N WNSKKGFTI	7299	7034
>KDR-D180N WDSKKGFTI	60	>KDR-D180N WNSKKGFTI	3055	2995
>KDR-D180N SWDSKKGFTI	854	>KDR-D180N SWNSKKGFTI	463	391
>KDR-D180N SWDSKKGFT	968	>KDR-D180N SWNSKKGFT	437	531
>KDR-D180N SWDSKKGFT	349	>KDR-D180N SWNSKKGFT	306	43
>KDR-D180N SWDSKKGFT	104	>KDR-D180N SWNSKKGFT	98	6
>KDR-D180N SWDSKKGFTI	545	>KDR-D180N SWNSKKGFTI	469	76
>KDR-D180N ISWDSKKGFT	347	>KDR-D180N ISWNSKKGFT	143	204
>KDR-D180N ISWDSKKGFT	20	>KDR-D180N ISWNSKKGFT	8	12
>KDR-D180N ISWDSKKGFT	354	>KDR-D180N ISWNSKKGFT	136	218
>KDR-D180N ISWDSKKGFT	3	>KDR-D180N ISWNSKKGFT	4	1
>KDR-D180N ISWDSKKGFT	6	>KDR-D180N ISWNSKKGFT	7	1
>KDR-D180N ISWDSKKGFT	137	>KDR-D180N ISWNSKKGFT	112	25
>KDR-D180N ISWDSKKGFT	377	>KDR-D180N ISWNSKKGFT	147	230
>KDR-D180N ISWDSKKGFT	632	>KDR-D180N ISWNSKKGFT	328	304
>KDR-D180N ISWDSKKGFT	14	>KDR-D180N ISWNSKKGFT	13	1
>KDR-D180N RISWDSKK	73	>KDR-D180N RISWNSKK	43	30
>KDR-D180N RISWDSKK	34	>KDR-D180N RISWNSKK	21	13
>KDR-D180N RISWDSKK	720	>KDR-D180N RISWNSKK	87	633
>KDR-D180N RISWDSKKGFT	396	>KDR-D180N RISWNSKKGFT	206	190
>KDR-D180N RISWDSKK	895	>KDR-D180N RISWNSKK	494	401
>KDR-D180N RISWDSKKGFT	761	>KDR-D180N RISWNSKKGFT	490	271
>KDR-D180N RISWDSKKGFT	102	>KDR-D180N RISWNSKKGFT	46	56
>KDR-D180N RISWDSKKGFT	225	>KDR-D180N RISWNSKKGFT	109	116
>KDR-D180N NRISWDSKKC	178	>KDR-D180N NRISWNSKKC	95	83
>KDR-D180N NRISWDSK	506	>KDR-D180N NRISWNSK	388	118
>KDR-D180N NRISWDSKK	337	>KDR-D180N NRISWNSKK	176	161
>KDR-D180N NRISWDSKKC	736	>KDR-D180N NRISWNSKKC	469	267
>KDR-D180N GNRISWDSK	89	>KDR-D180N GNRISWNSK	10	79
>KDR-D180N GNRISWDSKI	394	>KDR-D180N GNRISWNSKI	72	322
>KDR-D717V DGNRNLTIR	6022	>KDR-D717V VGNRNLTIR	484	5538
>KDR-D717V KDGNRNLTIR	17762	>KDR-D717V KVGNRNLTIR	257	17505
>KDR-D717V KDGNRNLTIR	22934	>KDR-D717V KVGNRNLTIR	242	22692

>KDR-D717V KDGNRNLTI	12685	>KDR-D717V KVGNRNLTI	183	12502
>KDR-D717V KDGNRNLTI	2695	>KDR-D717V KVGNRNLTI	92	2603
>KDR-D717V KDGNRNLTI	4680	>KDR-D717V KVGNRNLTI	27	4653
>KDR-D717V KDGNRNLTI	810	>KDR-D717V KVGNRNLTI	8	802
>KDR-D717V KDGNRNLTI	629	>KDR-D717V KVGNRNLTI	140	489
>KDR-D717V KDGNRNLTI	107	>KDR-D717V KVGNRNLTI	33	74
>KDR-D717V KDGNRNLTI	1527	>KDR-D717V KVGNRNLTI	291	1236
>KDR-D717V KDGNRNLTI	300	>KDR-D717V KVGNRNLTI	24555	24255
>KDR-D717V LVEDSGIVLKI	30109	>KDR-D717V LVEDSGIVLKI	348	29761
>KDR-D717V LVEDSGIVLKI	28660	>KDR-D717V LVEDSGIVLKI	323	28337
>KDR-D717V LVEDSGIVLKI	28192	>KDR-D717V LVEDSGIVLKI	8	28184
>KDR-D717V LKDGNRNL	4361	>KDR-D717V LKVGNRNL	180	4181
>KDR-D717V LKDGNRNLTI	3908	>KDR-D717V LKVGNRNLTI	161	3747
>KDR-D717V VLKDGNRNL	380	>KDR-D717V VLKVGNRNL	2114	1734
>KDR-D717V VLKDGNRNL	54	>KDR-D717V VLKVGNRNL	687	633
>KDR-D717V VLKDGNRNL	25	>KDR-D717V VLKVGNRNL	210	185
>KDR-D717V VLKDGNRNL	183	>KDR-D717V VLKVGNRNL	1832	1649
>KDR-D717V VLKDGNRNL	228	>KDR-D717V VLKVGNRNL	1401	1173
>KDR-D717V VLKDGNRNL	11	>KDR-D717V VLKVGNRNL	221	210
>KDR-D717V VLKDGNRNL	139	>KDR-D717V VLKVGNRNL	2578	2439
>KDR-D717V VLKDGNRNL	12	>KDR-D717V VLKVGNRNL	122	110
>KDR-D717V IVLKDGNR	407	>KDR-D717V IVLKVGNR	73	334
>KDR-D717V IVLKDGNR	1277	>KDR-D717V IVLKVGNR	321	956
>KDR-D717V IVLKDGNR	435	>KDR-D717V IVLKVGNR	163	272
>KDR-D717V IVLKDGNR	525	>KDR-D717V IVLKVGNR	448	77
>KDR-D717V DSGIVLKDGN	423	>KDR-D717V DSGIVLKVGN	332	91
>KDR-D717V DSGIVLKDGN	545	>KDR-D717V DSGIVLKVGN	432	113
>KDR-D717V VEDSGIVLKD	28444	>KDR-D717V VEDSGIVLKV	258	28186
>KDR-G1145 GEPSQRPTF	217	>KDR-G1145 EEPSQRPTF	420	203
>KDR-G1145 GEPSQRPTF	127	>KDR-G1145 EEPSQRPTF	4545	4418
>KDR-G1145 HGEPSQRPTF	206	>KDR-G1145 HEEPSQRPTF	9056	8850
>KDR-G1145 HGEPSQRPTF	35175	>KDR-G1145 HEEPSQRPTF	414	34761
>KDR-G1145 HGEPSQRPT	40034	>KDR-G1145 HEEPSQRPT	390	39644
>KDR-G1145 MYQTMLDCV	496	>KDR-G1145 MYQTMLDCV	692	196
>KDR-G1145 MYQTMLDCV	369	>KDR-G1145 MYQTMLDCV	545	176
>KDR-G1145 WHGEPQR	117	>KDR-G1145 WHEEPSQR	365	248
>KDR-G1145 WHGEPQR	2698	>KDR-G1145 WHEEPSQR	323	2375
>KDR-G1145 CWHGEPQR	33	>KDR-G1145 CWHEEPSQR	34	1
>KDR-G1145 MLDCWHGE	595	>KDR-G1145 MLDCWHEE	478	117
>KDR-G1145 MLDCWHGEI	326	>KDR-G1145 MLDCWHEEF	94	232
>KDR-G1145 MLDCWHGEI	56	>KDR-G1145 MLDCWHEEF	57	1
>KDR-G1145 MLDCWHGEI	118	>KDR-G1145 MLDCWHEEF	109	9
>KDR-G1145 MLDCWHGEI	91	>KDR-G1145 MLDCWHEEF	75	16

>KDR-G1145 TMLDCWHG	358	>KDR-G1145 TMLDCWHE	1329	971
>KDR-G1145 TMLDCWHGI	152	>KDR-G1145 TMLDCWHEE	258	106
>KDR-G1145 TMLDCWHGI	219	>KDR-G1145 TMLDCWHEE	323	104
>KDR-G873R GATHSEHR	606	>KDR-G873R RATHSEHR	27	579
>KDR-G873R GATHSEHR	220	>KDR-G873R RATHSEHR	185	35
>KDR-G873R GATHSEHRAI	3261	>KDR-G873R RATHSEHRAI	257	3004
>KDR-G873R GATHSEHRAI	1198	>KDR-G873R RATHSEHRAI	27	1171
>KDR-G873R GATHSEHRAI	602	>KDR-G873R RATHSEHRAI	16	586
>KDR-G873R GATHSEHRAI	3542	>KDR-G873R RATHSEHRAI	76	3466
>KDR-G873R GATHSEHRAI	1372	>KDR-G873R RATHSEHRAI	463	909
>KDR-G873R GATHSEHRAI	380	>KDR-G873R RATHSEHRAI	283	97
>KDR-G873R GATHSEHR	11102	>KDR-G873R RATHSEHR	337	10765
>KDR-G873R EGATHSEHR	72	>KDR-G873R ERATHSEHR	323	251
>KDR-G873R EGATHSEHR/	7406	>KDR-G873R ERATHSEHRA	91	7315
>KDR-G873R RTVAVKMLKI	23502	>KDR-G873R RTVAVKMLKI	391	23111
>KDR-G873R RTVAVKMLKI	11615	>KDR-G873R RTVAVKMLKI	13	11602
>KDR-G873R RTVAVKMLKI	31804	>KDR-G873R RTVAVKMLKI	45	31759
>KDR-G873R RTVAVKMLKI	35231	>KDR-G873R RTVAVKMLKI	269	34962
>KDR-G873R KEGATHSEHF	14510	>KDR-G873R KERATHSEHR	342	14168
>KDR-G873R KEGATHSEHF	710	>KDR-G873R KERATHSEHR	187	523
>KDR-G873R KEGATHSEHF	17	>KDR-G873R KERATHSEHR	35	18
>KDR-G873R KEGATHSEHF	66	>KDR-G873R KERATHSEHR	171	105
>KDR-G873R MLKEGATHS	105	>KDR-G873R MLKERATHS	166	61
>KDR-G873R MLKEGATHS	308	>KDR-G873R MLKERATHS	1140	832
>KDR-G873R MLKEGATHSI	413	>KDR-G873R MLKERATHSE	1192	779
>KDR-G873R MLKEGATHS	13561	>KDR-G873R MLKERATHS	259	13302
>KDR-G873R KMLKEGAT	276	>KDR-G873R KMLKERAT	720	444
>KDR-G873R KMLKEGATH	158	>KDR-G873R KMLKERATH	258	100
>KDR-G873R AVKMLKEG	18659	>KDR-G873R AVKMLKER	17	18642
>KDR-G873R TVAVKMLKEG	32104	>KDR-G873R TVAVKMLKEF	490	31614
>KDR-G873R TVAVKMLKEG	30964	>KDR-G873R TVAVKMLKEF	20	30944
>KDR-G873R TVAVKMLKEG	47	>KDR-G873R TVAVKMLKEF	75	28
>KDR-L1140 M LDCWHGEP	3353	>KDR-L1140 M MDCWHGEP	396	2957
>KDR-L1140 M MLDCWHGE	595	>KDR-L1140 M MMDCWHGE	337	258
>KDR-L1140 M MLDCWHGEI	326	>KDR-L1140 M MMDCWHGE	175	151
>KDR-L1140 M MLDCWHGEI	56	>KDR-L1140 M MMDCWHGE	37	19
>KDR-L1140 M MLDCWHGEI	118	>KDR-L1140 M MMDCWHGE	74	44
>KDR-L1140 M MLDCWHGEI	91	>KDR-L1140 M MMDCWHGE	193	102
>KDR-L1140 M YTTPEMYQTI	465	>KDR-L1140 M YTTPEMYQTI	2742	2277
>KDR-L1140 M YTTPEMYQTI	58	>KDR-L1140 M YTTPEMYQTI	790	732
>KDR-L1140 M YTTPEMYQTI	156	>KDR-L1140 M YTTPEMYQTI	716	560
>KDR-L1140 M YTTPEMYQTI	440	>KDR-L1140 M YTTPEMYQTI	2487	2047
>KDR-L1140 M YTTPEMYQTI	108	>KDR-L1140 M YTTPEMYQTI	3829	3721

>KDR-L1140M YTTPEMYQTI	4045	>KDR-L1140M YTTPEMYQTI	277	3768
>KDR-L1140M YTTPEMYQTI	379	>KDR-L1140M YTTPEMYQTI	50	329
>KDR-L1140M YTTPEMYQTI	86	>KDR-L1140M YTTPEMYQTI	782	696
>KDR-L1140M YTTPEMYQTI	232	>KDR-L1140M YTTPEMYQTI	281	49
>KDR-L1140M YTTPEMYQTI	7	>KDR-L1140M YTTPEMYQTI	6	1
>KDR-L1140M YTTPEMYQTI	1536	>KDR-L1140M YTTPEMYQTI	495	1041
>KDR-L1140M YTTPEMYQTI	6	>KDR-L1140M YTTPEMYQTI	7	1
>KDR-L1140M YTTPEMYQTI	14	>KDR-L1140M YTTPEMYQTI	4	10
>KDR-L1140M YTTPEMYQTI	288	>KDR-L1140M YTTPEMYQTI	629	341
>KDR-L1140M TMLDCWHGI	965	>KDR-L1140M TMMDCWHC	301	664
>KDR-L1140M TMLDCWHG	3561	>KDR-L1140M TMMDCWHC	318	3243
>KDR-L1140M TMLDCWHGI	2423	>KDR-L1140M TMMDCWHC	159	2264
>KDR-L1140M TMLDCWHGI	3507	>KDR-L1140M TMMDCWHC	249	3258
>KDR-L1140M TMLDCWHG	358	>KDR-L1140M TMMDCWHC	197	161
>KDR-L1140M TMLDCWHGI	560	>KDR-L1140M TMMDCWHC	281	279
>KDR-L1140M TMLDCWHGI	152	>KDR-L1140M TMMDCWHC	81	71
>KDR-L1140M TMLDCWHGI	219	>KDR-L1140M TMMDCWHC	514	295
>KDR-L1140M YQTMLDCW	234	>KDR-L1140M YQTMMDCW	175	59
>KDR-L1140M YQTMLDCW	162	>KDR-L1140M YQTMMDCW	128	34
>KDR-L1140M MYQTMLDC\	35	>KDR-L1140M MYQTMMDC	65	30
>KDR-L1140M MYQTMLDC\	306	>KDR-L1140M MYQTMMDC	452	146
>KDR-L1140M MYQTMLDC\	28	>KDR-L1140M MYQTMMDC	37	9
>KDR-L1140M MYQTMLDC\	496	>KDR-L1140M MYQTMMDC	594	98
>KDR-L1140M MYQTMLDC\	261	>KDR-L1140M MYQTMMDC	160	101
>KDR-L1140M MYQTMLDC\	325	>KDR-L1140M MYQTMMDC	389	64
>KDR-L1140M MYQTMLDC\	369	>KDR-L1140M MYQTMMDC	344	25
>KDR-L1140M EMYQTMLDC	620	>KDR-L1140M EMYQTMMD	347	273
>KDR-L1140M EMYQTMLDC	343	>KDR-L1140M EMYQTMMD	268	75
>KDR-L1140M EMYQTMLDC	185	>KDR-L1140M EMYQTMMD	188	3
>KDR-L1140M PEMYQTML	348	>KDR-L1140M PEMYQTMM	2138	1790
>KDR-L1140M PEMYQTMLC	96	>KDR-L1140M PEMYQTMM	86	10
>KDR-L1140M PEMYQTMLC	102	>KDR-L1140M PEMYQTMM	108	6
>KDR-L1140M PEMYQTMLC	223	>KDR-L1140M PEMYQTMM	344	121
>KDR-L1140M TPEMYQTML	1758	>KDR-L1140M TPEMYQTM	128	1630
>KDR-L1140M TTPEMYQTM	3419	>KDR-L1140M TTPEMYQTM	323	3096
>KDR-L1140M TTPEMYQTM	2763	>KDR-L1140M TTPEMYQTM	412	2351
>KDR-L1140M TTPEMYQTM	123	>KDR-L1140M TTPEMYQTM	1059	936
>KDR-L1140M TTPEMYQTM	2	>KDR-L1140M TTPEMYQTM	3	1
>KDR-L1140M TTPEMYQTM	163	>KDR-L1140M TTPEMYQTM	435	272
>KDR-L1140M TTPEMYQTM	117	>KDR-L1140M TTPEMYQTM	22	95
>KDR-P1210I PKFHYNAC	2623	>KDR-P1210I LKFHYDNTAC	280	2343
>KDR-P1210I PKFHYNAC	5311	>KDR-P1210I LKFHYDNT	317	4994
>KDR-P1210I PKFHYNAC	594	>KDR-P1210I LKFHYDNTA	35	559

>KDR-P1210I PKFHYNNTAC	2267	>KDR-P1210I LKFHYDNTAC	184	2083
>KDR-P1210I PKFHYNNTAC	236	>KDR-P1210I LKFHYDNTAC	16	220
>KDR-P1210I PKFHYNNTAC	10181	>KDR-P1210I LKFHYDNTAC	296	9885
>KDR-P1210I VCDPKFHY	595	>KDR-P1210I VCDLKFHY	247	348
>KDR-P1210I VCDPKFHY	205	>KDR-P1210I VCDLKFHY	246	41
>KDR-P1210I EVCDPKFH	220	>KDR-P1210I EVCDLKFH	139	81
>KDR-P1210I EVCDPKFHY	9	>KDR-P1210I EVCDLKFHY	26	17
>KDR-P1210I EVCDPKFHY	120	>KDR-P1210I EVCDLKFHY	412	292
>KDR-P1210I EVCDPKFHY	153	>KDR-P1210I EVCDLKFHY	91	62
>KDR-P1210I EVCDPKFHY	128	>KDR-P1210I EVCDLKFHY	85	43
>KDR-P1210I EVCDPKFHY	1724	>KDR-P1210I EVCDLKFHY	213	1511
>KDR-P1210I EEVCDPKFHY	274	>KDR-P1210I EEVCDLKFHY	120	154
>KDR-P1210I EEVCDPKF	409	>KDR-P1210I EEVCDLKF	188	221
>KDR-P1210I EEVCDPKFHY	1866	>KDR-P1210I EEVCDLKFHY	422	1444
>KDR-P1210I EEVCDPKFHY	409	>KDR-P1210I EEVCDLKFHY	249	160
>KDR-P1210I EEVCDPKF	59	>KDR-P1210I EEVCDLKF	50	9
>KDR-P1210I EEVCDPKFH	488	>KDR-P1210I EEVCDLKFH	405	83
>KDR-P1210I EEVCDPKFHY	203	>KDR-P1210I EEVCDLKFHY	81	122
>KDR-P1210I EEEVCDPKF	602	>KDR-P1210I EEEVCDLKF	433	169
>KDR-P1210I EEEVCDPKFH	583	>KDR-P1210I EEEVCDLKFH	294	289
>KDR-P1210I EEEVCDPKF	161	>KDR-P1210I EEEVCDLKF	99	62
>KDR-P1210I EEEVCDPKFH	244	>KDR-P1210I EEEVCDLKFH	121	123
>KDR-P1210I EEEEVCDP	8562	>KDR-P1210I EEEEVCDL	473	8089
>KDR-P1210I EEEEVCDP	11102	>KDR-P1210I EEEEVCDL	292	10810
>KDR-P1210I EEEEVCDPKF	70	>KDR-P1210I EEEEVCDLKF	50	20
>KDR-P1210I EEEEVCDPKF	129	>KDR-P1210I EEEEVCDLKF	52	77
>KDR-P1210I EEEEVCDPKF	478	>KDR-P1210I EEEEVCDLKF	318	160
>KDR-P1210I MEEEEVCDP	13726	>KDR-P1210I MEEEEVCDL	142	13584
>KDR-P1210I MEEEEVCDPI	53	>KDR-P1210I MEEEEVCDLH	48	5
>KDR-P1210I MEEEEVCDP	10924	>KDR-P1210I MEEEEVCDL	228	10696
>KDR-P1210I MEEEEVCDPI	135	>KDR-P1210I MEEEEVCDLH	99	36
>KDR-P1210I MEEEEVCDP	3565	>KDR-P1210I MEEEEVCDL	18	3547
>KDR-P1210I MEEEEVCDPI	123	>KDR-P1210I MEEEEVCDLH	205	82
>KDR-P1210I CMEEEEVCDI	20771	>KDR-P1210I CMEEEEVCDI	344	20427
>KDR-P1210I CMEEEEVCDI	24164	>KDR-P1210I CMEEEEVCDI	66	24098
>KDR-Q2R-w QSKVLLAV	333	>KDR-Q2R-m RSKVLLAV	9	324
>KDR-Q2R-w QSKVLLAVA	234	>KDR-Q2R-m RSKVLLAVA	8	226
>KDR-Q2R-w QSKVLLAVAL	1052	>KDR-Q2R-m RSKVLLAVAL	18	1034
>KDR-Q2R-w QSKVLLAVAL	6716	>KDR-Q2R-m RSKVLLAVAL'	310	6406
>KDR-Q2R-w QSKVLLAVAL	1832	>KDR-Q2R-m RSKVLLAVAL	251	1581
>KDR-Q2R-w QSKVLLAVAL	930	>KDR-Q2R-m RSKVLLAVAL	250	680
>KDR-Q2R-w QSKVLLAV	3625	>KDR-Q2R-m RSKVLLAV	118	3507
>KDR-Q2R-w QSKVLLAVAL	59	>KDR-Q2R-m RSKVLLAVAL	6	53

>KDR-Q2R-w QSKVLLAVAL	9	>KDR-Q2R-m RSKVLLAVAL'	3	6
>KDR-Q2R-w QSKVLLAVAL	58	>KDR-Q2R-m RSKVLLAVAL'	28	30
>KDR-Q2R-w QSKVLLAVAL	27	>KDR-Q2R-m RSKVLLAVAL'	11	16
>KDR-Q2R-w QSKVLLAV	2882	>KDR-Q2R-m RSKVLLAV	188	2694
>KDR-Q2R-w QSKVLLAVAL	2106	>KDR-Q2R-m RSKVLLAVAL	296	1810
>KDR-Q2R-w QSKVLLAVAL	580	>KDR-Q2R-m RSKVLLAVAL'	116	464
>KDR-Q2R-w QSKVLLAVAL	5340	>KDR-Q2R-m RSKVLLAVAL'	217	5123
>KDR-Q2R-w MQSKVLLA	425	>KDR-Q2R-m MRSKVLLA	20182	19757
>KDR-Q2R-w MQSKVLLAV	33	>KDR-Q2R-m MRSKVLLAV	12426	12393
>KDR-Q2R-w MQSKVLLAV/	395	>KDR-Q2R-m MRSKVLLAV/	19106	18711
>KDR-Q2R-w MQSKVLLA	126	>KDR-Q2R-m MRSKVLLA	9649	9523
>KDR-Q2R-w MQSKVLLAV	16	>KDR-Q2R-m MRSKVLLAV	2166	2150
>KDR-Q2R-w MQSKVLLAV/	22	>KDR-Q2R-m MRSKVLLAV/	2945	2923
>KDR-Q2R-w MQSKVLLA	75	>KDR-Q2R-m MRSKVLLA	10059	9984
>KDR-Q2R-w MQSKVLLAV	9	>KDR-Q2R-m MRSKVLLAV	3245	3236
>KDR-Q2R-w MQSKVLLAV/	266	>KDR-Q2R-m MRSKVLLAV/	8949	8683
>KDR-Q2R-w MQSKVLLAV/	195	>KDR-Q2R-m MRSKVLLAV/	13220	13025
>KDR-Q2R-w MQSKVLLA	26	>KDR-Q2R-m MRSKVLLA	17945	17919
>KDR-Q2R-w MQSKVLLAV	3	>KDR-Q2R-m MRSKVLLAV	1573	1570
>KDR-Q2R-w MQSKVLLAV/	10	>KDR-Q2R-m MRSKVLLAV/	9515	9505
>KDR-Q2R-w MQSKVLLAV	32	>KDR-Q2R-m MRSKVLLAV	4220	4188
>KDR-Q2R-w MQSKVLLAV	290	>KDR-Q2R-m MRSKVLLAV	15356	15066
>KDR-Q2R-w MQSKVLLAV	176	>KDR-Q2R-m MRSKVLLAV	10146	9970
>KDR-Q2R-w MQSKVLLAV	180	>KDR-Q2R-m MRSKVLLAV	19738	19558
>KDR-Q2R-w MQSKVLLAV/	174	>KDR-Q2R-m MRSKVLLAV/	19570	19396
>KDR-Q2R-w MQSKVLLAV/	112	>KDR-Q2R-m MRSKVLLAV/	17315	17203
>KDR-Q2R-w MQSKVLLAV	47	>KDR-Q2R-m MRSKVLLAV	331	284
>KDR-Q2R-w MQSKVLLAV/	16	>KDR-Q2R-m MRSKVLLAV/	146	130
>KDR-Q2R-w MQSKVLLAV	5168	>KDR-Q2R-m MRSKVLLAV	293	4875
>KDR-Q2R-w MQSKVLLAV/	3136	>KDR-Q2R-m MRSKVLLAV/	88	3048
>KDR-Q2R-w MQSKVLLAV	195	>KDR-Q2R-m MRSKVLLAV	248	53
>KDR-Q2R-w MQSKVLLAV/	9	>KDR-Q2R-m MRSKVLLAV/	12	3
>KDR-Q2R-w MQSKVLLAV/	193	>KDR-Q2R-m MRSKVLLAV/	13281	13088
>KDR-Q2R-w MQSKVLLAV/	62	>KDR-Q2R-m MRSKVLLAV/	1056	994
>KDR-Q2R-w MQSKVLLAV/	5175	>KDR-Q2R-m MRSKVLLAV/	286	4889
>KDR-Q2R-w MQSKVLLAV	8800	>KDR-Q2R-m MRSKVLLAV	361	8439
>KDR-Q2R-w MQSKVLLAV/	1870	>KDR-Q2R-m MRSKVLLAV/	43	1827
>KDR-R275L- RDLKTQSGSE	481	>KDR-R275L- LDLKTQSGSE	936	455
>KDR-R275L- RDLKTQSGSE	409	>KDR-R275L- LDLKTQSGSE	1956	1547
>KDR-R275L- RDLKTQSGSE	53	>KDR-R275L- LDLKTQSGSE	75	22
>KDR-R275L- SKHQHKKLV†	1882	>KDR-R275L- SKHQHKKLV†	184	1698
>KDR-R275L- SKHQHKKLV†	421	>KDR-R275L- SKHQHKKLV†	27873	27452
>KDR-R275L- KLVNRDLK	75	>KDR-R275L- KLVNRDLK	112	37

>KDR-R275L- KLVNRDLK	173	>KDR-R275L- KLVNLDLK	120	53
>KDR-R275L- KKLVNLDL	77	>KDR-R275L- KKLVNLDL	62	15
>KDR-R275L- KKLVNLDL	771	>KDR-R275L- KKLVNLDL	436	335
>KDR-R275L- HKKLVNRDLK	392	>KDR-R275L- HKKLVNRDLK	486	94
>KDR-R275L- QHKKLVNR	312	>KDR-R275L- QHKKLVNL	32501	32189
>KDR-R275L- HQHKKLVNR	17	>KDR-R275L- HQHKKLVNL	6484	6467
>KDR-R275L- HQHKKLVNR	1324	>KDR-R275L- HQHKKLVNL	97	1227
>KDR-R275L- HQHKKLVNR	293	>KDR-R275L- HQHKKLVNLI	201	92
>KDR-R275L- HQHKKLVNR	63	>KDR-R275L- HQHKKLVNL	23521	23458
>KDR-R275L- KHQHKKLVN	172	>KDR-R275L- KHQHKKLVN	14156	13984
>KDR-R275L- KHQHKKLVN	119	>KDR-R275L- KHQHKKLVN	24201	24082
>KDR-S984T- SLSDVEEEEA	46	>KDR-S984T- SLTDVEEEEA	124	78
>KDR-S984T- SLSDVEEEEA	407	>KDR-S984T- SLTDVEEEEA	847	440
>KDR-S984T- SLSDVEEEEA	28	>KDR-S984T- SLTDVEEEEA	36	8
>KDR-S984T- SLSDVEEEEA	440	>KDR-S984T- SLTDVEEEEA	583	143
>KDR-S984T- SLSDVEEEEA	24	>KDR-S984T- SLTDVEEEEA	22	2
>KDR-S984T- SLSDVEEEEA	7	>KDR-S984T- SLTDVEEEEA	7	0
>KDR-S984T- EEKSLSDV	156	>KDR-S984T- EEKSLTDV	125	31
>KDR-S984T- VEEKSLSDV	151	>KDR-S984T- VEEKSLTDV	250	99
>KDR-S984T- VEEKSLSDV	27	>KDR-S984T- VEEKSLTDV	29	2
>KDR-S984T- FVEEKSLSDV	89	>KDR-S984T- FVEEKSLTDV	111	22
>KDR-S984T- FVEEKSLSDV	169	>KDR-S984T- FVEEKSLTDV	168	1
>KDR-S984T- FVEEKSLSDV	261	>KDR-S984T- FVEEKSLTDV	290	29
>KDR-S984T- FVEEKSLSDV	212	>KDR-S984T- FVEEKSLTDV	274	62
>KDR-S984T- FVEEKSLSDV	7	>KDR-S984T- FVEEKSLTDV	7	0
>KDR-T771R- TAVIAMFFW	429	>KDR-T771R- RAVIAMFFW	420	9
>KDR-T771R- TAVIAMFFW	169	>KDR-T771R- RAVIAMFFW	141	28
>KDR-T771R- TAVIAMFFW	47	>KDR-T771R- RAVIAMFFW	22	25
>KDR-T771R- TAVIAMFFW	460	>KDR-T771R- RAVIAMFFW	958	498
>KDR-T771R- TAVIAMFFW	33	>KDR-T771R- RAVIAMFFW	1241	1208
>KDR-T771R- TAVIAMFFW	116	>KDR-T771R- RAVIAMFFW	1850	1734
>KDR-T771R- TAVIAMFFW	58	>KDR-T771R- RAVIAMFFW	1184	1126
>KDR-T771R- TAVIAMFF	753	>KDR-T771R- RAVIAMFF	65	688
>KDR-T771R- TAVIAMFF	14	>KDR-T771R- RAVIAMFF	3	11
>KDR-T771R- TAVIAMFFW	11	>KDR-T771R- RAVIAMFFW	5	6
>KDR-T771R- TAVIAMFFW	78	>KDR-T771R- RAVIAMFFW	6	72
>KDR-T771R- TAVIAMFFW	357	>KDR-T771R- RAVIAMFFW	18	339
>KDR-T771R- TAVIAMFF	371	>KDR-T771R- RAVIAMFF	1427	1056
>KDR-T771R- TAVIAMFFW	96	>KDR-T771R- RAVIAMFFW	428	332
>KDR-T771R- TAVIAMFF	479	>KDR-T771R- RAVIAMFF	97	382
>KDR-T771R- TAVIAMFFW	36	>KDR-T771R- RAVIAMFFW	31	5
>KDR-T771R- TAVIAMFFW	1590	>KDR-T771R- RAVIAMFFW	250	1340
>KDR-T771R- TAVIAMFF	340	>KDR-T771R- RAVIAMFF	20	320

>KDR-T771R-TAVIAMFFW	15	>KDR-T771R-RAVIAMFFW	8	7
>KDR-T771R-TAVIAMFFW	6937	>KDR-T771R-RAVIAMFFW	270	6667
>KDR-T771R-TAVIAMFFW	2530	>KDR-T771R-RAVIAMFFW	75	2455
>KDR-T771R-TAVIAMFFW	395	>KDR-T771R-RAVIAMFFW	378	17
>KDR-T771R-TAVIAMFFW	42	>KDR-T771R-RAVIAMFFW	41	1
>KDR-T771R-TAVIAMFFW	24	>KDR-T771R-RAVIAMFFW	23	1
>KDR-T771R-TAVIAMFF	1177	>KDR-T771R-RAVIAMFF	205	972
>KDR-T771R-TAVIAMFFW	2112	>KDR-T771R-RAVIAMFFW	291	1821
>KDR-T771R-TAVIAMFFW	298	>KDR-T771R-RAVIAMFFW	1288	990
>KDR-T771R-TAVIAMFFW	537	>KDR-T771R-RAVIAMFFW	27	510
>KDR-T771R-GTAVIAMFFV	40	>KDR-T771R-GRAVIAMFFV	1842	1802
>KDR-T771R-GTAVIAMFFV	232	>KDR-T771R-GRAVIAMFFV	10232	10000
>KDR-T771R-GTAVIAMFF	203	>KDR-T771R-GRAVIAMFF	5762	5559
>KDR-T771R-GTAVIAMFFV	150	>KDR-T771R-GRAVIAMFFV	17075	16925
>KDR-T771R-GTAVIAMF	1437	>KDR-T771R-GRAVIAMF	192	1245
>KDR-T771R-GTAVIAMFF	1196	>KDR-T771R-GRAVIAMFF	162	1034
>KDR-T771R-GTAVIAMF	8	>KDR-T771R-GRAVIAMF	24190	24182
>KDR-T771R-GTAVIAMFF	11	>KDR-T771R-GRAVIAMFF	25745	25734
>KDR-T771R-GTAVIAMFFV	11	>KDR-T771R-GRAVIAMFFV	12295	12284
>KDR-T771R-GTAVIAMFFV	68	>KDR-T771R-GRAVIAMFFV	26307	26239
>KDR-T771R-GTAVIAMF	17649	>KDR-T771R-GRAVIAMF	88	17561
>KDR-T771R-GTAVIAMFF	18268	>KDR-T771R-GRAVIAMFF	123	18145
>KDR-T771R-GTAVIAMFFV	18808	>KDR-T771R-GRAVIAMFFV	74	18734
>KDR-T771R-GTAVIAMFFV	42	>KDR-T771R-GRAVIAMFFV	13395	13353
>KDR-T771R-GTAVIAMF	341	>KDR-T771R-GRAVIAMF	20926	20585
>KDR-T771R-GTAVIAMFF	87	>KDR-T771R-GRAVIAMFF	19118	19031
>KDR-T771R-GTAVIAMFFV	13	>KDR-T771R-GRAVIAMFFV	5994	5981
>KDR-T771R-GTAVIAMF	77	>KDR-T771R-GRAVIAMF	23415	23338
>KDR-T771R-GTAVIAMFF	107	>KDR-T771R-GRAVIAMFF	28228	28121
>KDR-T771R-GTAVIAMFFV	221	>KDR-T771R-GRAVIAMFFV	32871	32650
>KDR-T771R-GTAVIAMFFV	18	>KDR-T771R-GRAVIAMFFV	12825	12807
>KDR-T771R-GTAVIAMF	185	>KDR-T771R-GRAVIAMF	15159	14974
>KDR-T771R-GTAVIAMFF	5	>KDR-T771R-GRAVIAMFF	587	582
>KDR-T771R-GTAVIAMFFV	480	>KDR-T771R-GRAVIAMFFV	25907	25427
>KDR-T771R-GTAVIAMFFV	19	>KDR-T771R-GRAVIAMFFV	3125	3106
>KDR-T771R-GTAVIAMFF	14291	>KDR-T771R-GRAVIAMFF	187	14104
>KDR-T771R-GTAVIAMFFV	6460	>KDR-T771R-GRAVIAMFFV	53	6407
>KDR-T771R-GTAVIAMFF	13744	>KDR-T771R-GRAVIAMFF	19	13725
>KDR-T771R-GTAVIAMFFV	2742	>KDR-T771R-GRAVIAMFFV	6	2736
>KDR-T771R-GTAVIAMFFV	399	>KDR-T771R-GRAVIAMFFV	10292	9893
>KDR-T771R-TNLEIIILVGT	31976	>KDR-T771R-TNLEIIILVGR	115	31861
>KDR-T771R-TNLEIIILVGT	28871	>KDR-T771R-TNLEIIILVGR	243	28628
>KDR-T771R-VGTAVIAMFF	382	>KDR-T771R-VGRAVIAMFI	958	576



>KDR-T771R-VGTAVIAMF	5633	>KDR-T771R-VGRAVIAMF	325	5308
>KDR-T771R-VGTAVIAMFF	2142	>KDR-T771R-VGRAVIAMFI	385	1757
>KDR-T771R-VGTAVIAMF	1412	>KDR-T771R-VGRAVIAMF	175	1237
>KDR-T771R-VGTAVIAMFF	2519	>KDR-T771R-VGRAVIAMFI	351	2168
>KDR-T771R-VGTAVIAMFF	601	>KDR-T771R-VGRAVIAMFI	129	472
>KDR-T771R-VGTAVIAM	477	>KDR-T771R-VGRAVIAM	1936	1459
>KDR-T771R-VGTAVIAMFF	119	>KDR-T771R-VGRAVIAMFI	59	60
>KDR-T771R-VGTAVIAMFF	247	>KDR-T771R-VGRAVIAMFI	5343	5096
>KDR-T771R-VGTAVIAMFF	15	>KDR-T771R-VGRAVIAMFI	100	85
>KDR-T771R-VGTAVIAMF	248	>KDR-T771R-VGRAVIAMF	3476	3228
>KDR-T771R-VGTAVIAMFF	375	>KDR-T771R-VGRAVIAMFI	4544	4169
>KDR-T771R-VGTAVIAMF	226	>KDR-T771R-VGRAVIAMF	82	144
>KDR-T771R-VGTAVIAMFF	175	>KDR-T771R-VGRAVIAMFI	284	109
>KDR-T771R-VGTAVIAMFF	167	>KDR-T771R-VGRAVIAMFI	802	635
>KDR-T771R-LVGTAVIAMF	649	>KDR-T771R-LVGRAVIAMF	273	376
>KDR-T771R-LVGTAVIAMF	396	>KDR-T771R-LVGRAVIAMF	177	219
>KDR-T771R-LVGTAVIAM	197	>KDR-T771R-LVGRAVIAM	221	24
>KDR-T771R-LVGTAVIAMF	404	>KDR-T771R-LVGRAVIAMF	442	38
>KDR-T771R-LVGTAVIAM	296	>KDR-T771R-LVGRAVIAM	190	106
>KDR-T771R-LVGTAVIAMF	141	>KDR-T771R-LVGRAVIAMF	103	38
>KDR-T771R-LVGTAVIAMF	439	>KDR-T771R-LVGRAVIAMF	308	131
>KDR-T771R-LVGTAVIAM	85	>KDR-T771R-LVGRAVIAM	171	86
>KDR-T771R-LVGTAVIAMF	770	>KDR-T771R-LVGRAVIAMF	272	498
>KDR-T771R-LVGTAVIAMF	440	>KDR-T771R-LVGRAVIAMF	312	128
>KDR-T771R-ILVGTAVI	389	>KDR-T771R-ILVGRAVI	1209	820
>KDR-T771R-ILVGTAVIAM	258	>KDR-T771R-ILVGRAVIAM	627	369
>KDR-T771R-ILVGTAVI	122	>KDR-T771R-ILVGRAVI	237	115
>KDR-T771R-ILVGTAVIA	420	>KDR-T771R-ILVGRAVIA	433	13
>KDR-T771R-ILVGTAVIAM	118	>KDR-T771R-ILVGRAVIAM	216	98
>KDR-T771R-ILVGTAVI	32	>KDR-T771R-ILVGRAVI	66	34
>KDR-T771R-ILVGTAVIA	193	>KDR-T771R-ILVGRAVIA	155	38
>KDR-T771R-ILVGTAVIAM	271	>KDR-T771R-ILVGRAVIAM	468	197
>KDR-T771R-ILVGTAVI	251	>KDR-T771R-ILVGRAVI	524	273
>KDR-T771R-ILVGTAVIAM	239	>KDR-T771R-ILVGRAVIAM	1007	768
>KDR-T771R-ILVGTAVI	12	>KDR-T771R-ILVGRAVI	56	44
>KDR-T771R-ILVGTAVIA	210	>KDR-T771R-ILVGRAVIA	749	539
>KDR-T771R-ILVGTAVIAM	49	>KDR-T771R-ILVGRAVIAM	103	54
>KDR-T771R-ILVGTAVIAM	266	>KDR-T771R-ILVGRAVIAM	525	259
>KDR-T771R-ILVGTAVI	47	>KDR-T771R-ILVGRAVI	455	408
>KDR-T771R-ILVGTAVI	105	>KDR-T771R-ILVGRAVI	835	730
>KDR-T771R-ILVGTAVIA	299	>KDR-T771R-ILVGRAVIA	1299	1000
>KDR-T771R-ILVGTAVI	64	>KDR-T771R-ILVGRAVI	1459	1395
>KDR-T771R-ILVGTAVIAM	415	>KDR-T771R-ILVGRAVIAM	1319	904

>KDR-T771R-ILVGTAVI	7	>KDR-T771R-ILVGRAVI	10	3
>KDR-T771R-ILVGTAVIA	14	>KDR-T771R-ILVGRAVIA	19	5
>KDR-T771R-ILVGTAVIAM	39	>KDR-T771R-ILVGRAVIAM	43	4
>KDR-T771R-ILVGTAVIAM	282	>KDR-T771R-ILVGRAVIAM	734	452
>KDR-T771R-ILVGTAVI	430	>KDR-T771R-ILVGRAVI	1338	908
>KDR-T771R-ILVGTAVIAM	470	>KDR-T771R-ILVGRAVIAM	589	119
>KDR-T771R-ILVGTAVIAM	234	>KDR-T771R-ILVGRAVIAM	348	114
>KDR-T771R-ILVGTAVIAM	122	>KDR-T771R-ILVGRAVIAM	175	53
>KDR-T771R-ILVGTAVIAM	340	>KDR-T771R-ILVGRAVIAM	468	128
>KDR-T771R-ILVGTAVIAM	172	>KDR-T771R-ILVGRAVIAM	522	350
>KDR-T771R-ILVGTAVIAM	60	>KDR-T771R-ILVGRAVIAM	130	70
>KDR-T771R-ILVGTAVIAM	84	>KDR-T771R-ILVGRAVIAM	98	14
>KDR-T771R-ILVGTAVIAM	149	>KDR-T771R-ILVGRAVIAM	336	187
>KDR-T771R-IILVGTAV	213	>KDR-T771R-IILVGRAV	2200	1987
>KDR-T771R-IILVGTAV	422	>KDR-T771R-IILVGRAV	2679	2257
>KDR-T771R-IILVGTAV	93	>KDR-T771R-IILVGRAV	627	534
>KDR-T771R-IILVGTAV	16	>KDR-T771R-IILVGRAV	122	106
>KDR-T771R-IILVGTAVI	181	>KDR-T771R-IILVGRAVI	1017	836
>KDR-T771R-IILVGTAVIAM	377	>KDR-T771R-IILVGRAVIAM	758	381
>KDR-T771R-IILVGTAV	12	>KDR-T771R-IILVGRAV	40	28
>KDR-T771R-IILVGTAVI	281	>KDR-T771R-IILVGRAVI	3007	2726
>KDR-T771R-IILVGTAV	95	>KDR-T771R-IILVGRAV	1020	925
>KDR-T771R-IILVGTAV	30	>KDR-T771R-IILVGRAV	333	303
>KDR-T771R-IILVGTAV	29	>KDR-T771R-IILVGRAV	436	407
>KDR-T771R-IILVGTAVI	91	>KDR-T771R-IILVGRAVI	4759	4668
>KDR-T771R-IILVGTAV	10	>KDR-T771R-IILVGRAV	54	44
>KDR-T771R-IILVGTAV	340	>KDR-T771R-IILVGRAV	1716	1376
>KDR-T771R-IILVGTAVIAM	186	>KDR-T771R-IILVGRAVIAM	539	353
>KDR-T771R-IIILVGTAV	258	>KDR-T771R-IIILVGRAV	1649	1391
>KDR-T771R-IIILVGTAV	203	>KDR-T771R-IIILVGRA	446	243
>KDR-T771R-IIILVGTAV	22	>KDR-T771R-IIILVGRAV	136	114
>KDR-T771R-IIILVGTAVI	177	>KDR-T771R-IIILVGRAVI	518	341
>KDR-T771R-IIILVGTAV	32	>KDR-T771R-IIILVGRAV	212	180
>KDR-T771R-IIILVGTAV	38	>KDR-T771R-IIILVGRAV	70	32
>KDR-T771R-IIILVGTAV	367	>KDR-T771R-IIILVGRAV	3612	3245
>KDR-T771R-IIILVGTAV	92	>KDR-T771R-IIILVGRAV	1245	1153
>KDR-T771R-IIILVGTAV	462	>KDR-T771R-IIILVGRAV	1941	1479
>KDR-T771R-EIILVGTAV	322	>KDR-T771R-EIILVGRAV	631	309
>KDR-T771R-EIILVGTAV	157	>KDR-T771R-EIILVGRAV	334	177
>KDR-T771R-EIILVGTAV	334	>KDR-T771R-EIILVGRAV	570	236
>KDR-T771R-EIILVGTAVI	143	>KDR-T771R-EIILVGRAVI	334	191
>KDR-T771R-EIILVGT	26875	>KDR-T771R-EIILVGR	108	26767
>KDR-T771R-EIILVGT	7581	>KDR-T771R-EIILVGR	7	7574

>KDR-T771R-EIILVGT	496	>KDR-T771R-EIILVGR	8864	8368
>KDR-T771R-EIILVGTA	175	>KDR-T771R-EIILVGRA	101	74
>KDR-T771R-EIILVGTAV	47	>KDR-T771R-EIILVGRAV	82	35
>KDR-T771R-EIILVGTAVI	42	>KDR-T771R-EIILVGRAVI	45	3
>KDR-T771R-EIILVGTAV	19	>KDR-T771R-EIILVGRAV	60	41
>KDR-T771R-EIILVGTAVI	107	>KDR-T771R-EIILVGRAVI	368	261
>KDR-T771R-EIILVGT	31832	>KDR-T771R-EIILVGR	155	31677
>KDR-T771R-LEIILVGTAV	164	>KDR-T771R-LEIILVGRAV	115	49
>KDR-T771R-LEIILVGTAV	275	>KDR-T771R-LEIILVGRAV	1100	825
>KDR-T771R-LEIILVGTAV	82	>KDR-T771R-LEIILVGRAV	85	3
>KDR-T771R-LEIILVGTAV	44	>KDR-T771R-LEIILVGRAV	74	30
>KDR-T771R-LEIILVGT	342	>KDR-T771R-LEIILVGR	5007	4665
>KDR-T771R-LEIILVGTAV	122	>KDR-T771R-LEIILVGRAV	188	66
>KDR-T771R-LEIILVGTA	173	>KDR-T771R-LEIILVGRA	1180	1007
>KDR-T771R-LEIILVGT	52	>KDR-T771R-LEIILVGR	345	293
>KDR-T771R-LEIILVGTAV	12	>KDR-T771R-LEIILVGRAV	29	17
>KDR-T771R-NLEIILVGT	24170	>KDR-T771R-NLEIILVGR	337	23833
>KDR-T771R-NLEIILVGT	23015	>KDR-T771R-NLEIILVGR	257	22758
>KDR-T771R-NLEIILVGT	32940	>KDR-T771R-NLEIILVGR	93	32847
>KDR-T771R-NLEIILVGT	32230	>KDR-T771R-NLEIILVGR	212	32018
>KDR-V1041 VVKICDFGL	3083	>KDR-V1041 MVKICDFGL	487	2596
>KDR-V1041 VVKICDFGL	1034	>KDR-V1041 MVKICDFGL	262	772
>KDR-V1041 VVKICDFGLA	2944	>KDR-V1041 MVKICDFGLA	179	2765
>KDR-V1041 VVKICDFGLA	3087	>KDR-V1041 MVKICDFGLA	284	2803
>KDR-V1041 VVKICDFGLA	29	>KDR-V1041 MVKICDFGLA	12	17
>KDR-V1041 VVKICDFGLA	318	>KDR-V1041 MVKICDFGLA	64	254
>KDR-V1041 VVKICDFGLA	441	>KDR-V1041 MVKICDFGLA	25	416
>KDR-V1041 VVKICDFGL	3928	>KDR-V1041 MVKICDFGL	80	3848
>KDR-V1041 VVKICDFGL	871	>KDR-V1041 MVKICDFGL	373	498
>KDR-V1041 VVKICDFGLA	325	>KDR-V1041 MVKICDFGLA	101	224
>KDR-V1041 NVVKICDFGL	3217	>KDR-V1041 NMVKICDFGI	249	2968
>KDR-V1041 NVVKICDFGL	1388	>KDR-V1041 NMVKICDFGI	121	1267
>KDR-V1041 NVVKICDFGL	2283	>KDR-V1041 NMVKICDFGI	153	2130
>KDR-V1041 NVVKICDFGL	1708	>KDR-V1041 NMVKICDFGI	89	1619
>KDR-V1041 NVVKICDFGL	396	>KDR-V1041 NMVKICDFGI	214	182
>KDR-V1041 NVVKICDFGL	850	>KDR-V1041 NMVKICDFGI	449	401
>KDR-V1041 NVVKICDFGL	11628	>KDR-V1041 NMVKICDFGI	286	11342
>KDR-V1041 NVVKICDFGL	6594	>KDR-V1041 NMVKICDFGI	90	6504
>KDR-V1041 NVVKICDFGL	10125	>KDR-V1041 NMVKICDFGI	254	9871
>KDR-V1041 NVVKICDFGL	8293	>KDR-V1041 NMVKICDFGI	287	8006
>KDR-V1041 NVVKICDFGL	9968	>KDR-V1041 NMVKICDFGI	221	9747
>KDR-V1041 NVVKICDFGL	39	>KDR-V1041 NMVKICDFGI	1057	1018
>KDR-V1041 NVVKICDF	3655	>KDR-V1041 NMVKICDF	366	3289

>KDR-V1041 INVVKICDF	3414	>KDR-V1041 INMVKICDF	140	3274
>KDR-V1041 ARNILLSEKN	1233	>KDR-V1041 ARNILLSEKN	471	762
>KDR-V1041 ARNILLSEKN	830	>KDR-V1041 ARNILLSEKN	178	652
>KDR-V1041 KNVVKICDF	559	>KDR-V1041 KNMVKICDF	216	343
>KDR-V1041 EKNVVKICDF	142	>KDR-V1041 EKNMVKICDF	102	40
>KDR-V1041 SEKNVVKI	40	>KDR-V1041 SEKNMVKI	86	46
>KDR-V1041 SEKNVVKICD	478	>KDR-V1041 SEKNMVKICE	573	95
>KDR-V1041 SEKNVVKICD	267	>KDR-V1041 SEKNMVKICE	273	6
>KDR-V1041 SEKNVVKI	435	>KDR-V1041 SEKNMVKI	158	277
>KDR-V1041 SEKNVVKICD	476	>KDR-V1041 SEKNMVKICE	198	278
>KDR-V1041 SEKNVVKICD	186	>KDR-V1041 SEKNMVKICE	179	7
>KDR-V1041 SEKNVVKICD	179	>KDR-V1041 SEKNMVKICE	190	11
>KDR-V1041 SEKNVVKI	89	>KDR-V1041 SEKNMVKI	125	36
>KDR-V1041 SEKNVVKIC	655	>KDR-V1041 SEKNMVKIC	226	429
>KDR-V1041 SEKNVVKICD	167	>KDR-V1041 SEKNMVKICE	90	77
>KDR-V1041 LSEKNVVKI	668	>KDR-V1041 LSEKNMVKI	289	379
>KDR-V1041 LSEKNVVKI	146	>KDR-V1041 LSEKNMVKI	128	18
>KDR-V1041 LLSEKNVV	146	>KDR-V1041 LLSEKNMV	65	81
>KDR-V1041 LLSEKNVV	11	>KDR-V1041 LLSEKNMV	7	4
>KDR-V1041 LLSEKNVVKI	82	>KDR-V1041 LLSEKNMVKI	70	12
>KDR-V1041 LLSEKNVV	11	>KDR-V1041 LLSEKNMV	8	3
>KDR-V1041 LLSEKNVVKI	98	>KDR-V1041 LLSEKNMVKI	95	3
>KDR-V1041 LLSEKNVV	195	>KDR-V1041 LLSEKNMV	120	75
>KDR-V1041 LLSEKNVV	7	>KDR-V1041 LLSEKNMV	4	3
>KDR-V1041 LLSEKNVVKI	10	>KDR-V1041 LLSEKNMVKI	18	8
>KDR-V1041 LLSEKNVVKIC	445	>KDR-V1041 LLSEKNMVKI	859	414
>KDR-V1041 LLSEKNVV	9	>KDR-V1041 LLSEKNMV	11	2
>KDR-V1041 LLSEKNVVKI	16	>KDR-V1041 LLSEKNMVKI	22	6
>KDR-V1041 LLSEKNVV	14	>KDR-V1041 LLSEKNMV	10	4
>KDR-V1041 LLSEKNVVKI	38	>KDR-V1041 LLSEKNMVKI	74	36
>KDR-V1041 LLSEKNVV	10	>KDR-V1041 LLSEKNMV	9	1
>KDR-V1041 LLSEKNVVKI	26	>KDR-V1041 LLSEKNMVKI	93	67
>KDR-V1041 LLSEKNVV	2	>KDR-V1041 LLSEKNMV	2	0
>KDR-V1041 LLSEKNVVKI	5	>KDR-V1041 LLSEKNMVKI	6	1
>KDR-V1041 LLSEKNVVKIC	107	>KDR-V1041 LLSEKNMVKI	74	33
>KDR-V1041 LLSEKNVVK	166	>KDR-V1041 LLSEKNMVK	66	100
>KDR-V1041 LLSEKNVVK	1101	>KDR-V1041 LLSEKNMVK	284	817
>KDR-V1041 ILLSEKNV	165	>KDR-V1041 ILLSEKNM	4557	4392
>KDR-V1041 ILLSEKNVV	358	>KDR-V1041 ILLSEKNMV	112	246
>KDR-V1041 ILLSEKNVVKI	260	>KDR-V1041 ILLSEKNMVKI	227	33
>KDR-V1041 ILLSEKNV	146	>KDR-V1041 ILLSEKNM	2177	2031
>KDR-V1041 ILLSEKNVV	182	>KDR-V1041 ILLSEKNMV	67	115
>KDR-V1041 ILLSEKNVVKI	243	>KDR-V1041 ILLSEKNMVKI	195	48

>KDR-V1041IILLSEKNV	180	>KDR-V1041IILLSEKNM	7613	7433
>KDR-V1041IILLSEKNVV	383	>KDR-V1041IILLSEKNMV	234	149
>KDR-V1041IILLSEKNVVKI	476	>KDR-V1041IILLSEKNMVK	570	94
>KDR-V1041IILLSEKNVV	652	>KDR-V1041IILLSEKNMV	332	320
>KDR-V1041IILLSEKNV	5	>KDR-V1041IILLSEKNM	388	383
>KDR-V1041IILLSEKNVV	6	>KDR-V1041IILLSEKNMV	4	2
>KDR-V1041IILLSEKNVVKI	12	>KDR-V1041IILLSEKNMVK	15	3
>KDR-V1041IILLSEKNV	23	>KDR-V1041IILLSEKNM	2796	2773
>KDR-V1041IILLSEKNVV	15	>KDR-V1041IILLSEKNMV	23	8
>KDR-V1041IILLSEKNVVKI	51	>KDR-V1041IILLSEKNMVK	78	27
>KDR-V1041IILLSEKNV	11	>KDR-V1041IILLSEKNM	1950	1939
>KDR-V1041IILLSEKNVV	17	>KDR-V1041IILLSEKNMV	11	6
>KDR-V1041IILLSEKNVVKI	46	>KDR-V1041IILLSEKNMVK	62	16
>KDR-V1041IILLSEKNV	7	>KDR-V1041IILLSEKNM	854	847
>KDR-V1041IILLSEKNVV	8	>KDR-V1041IILLSEKNMV	9	1
>KDR-V1041IILLSEKNVVKI	38	>KDR-V1041IILLSEKNMVK	118	80
>KDR-V1041IILLSEKNV	3	>KDR-V1041IILLSEKNM	416	413
>KDR-V1041IILLSEKNVV	5	>KDR-V1041IILLSEKNMV	4	1
>KDR-V1041IILLSEKNVVKI	17	>KDR-V1041IILLSEKNMVK	22	5
>KDR-V1041IILLSEKNVVK	57	>KDR-V1041IILLSEKNMVK	30	27
>KDR-V1041IILLSEKNVVK	164	>KDR-V1041IILLSEKNMVK	61	103
>KDR-V1041IILLSEKNV	856	>KDR-V1041IILLSEKNM	213	643
>KDR-V1041IILLSEKNVVKI	472	>KDR-V1041IILLSEKNMVK	839	367
>KDR-V1041INILLSEKNVV	2062	>KDR-V1041INILLSEKNMV	333	1729
>KDR-V476L-VTNPYPCEEV	498	>KDR-V476L-LTNPYPCEEV	1254	756
>KDR-V476L-VTNPYPCEEV	40	>KDR-V476L-LTNPYPCEEV	31	9
>KDR-V476L-VTNPYPCEEV	507	>KDR-V476L-LTNPYPCEEV	361	146
>KDR-V476L-VTNPYPCEEV	57	>KDR-V476L-LTNPYPCEEV	23	34
>KDR-V476L-VTNPYPCEEV	8	>KDR-V476L-LTNPYPCEEV	8	0
>KDR-V476L-VTNPYPCEEV	41	>KDR-V476L-LTNPYPCEEV	38	3
>KDR-V476L-VTNPYPCEEV	11	>KDR-V476L-LTNPYPCEEV	12	1
>KDR-V476L-VTNPYPCEEV	1859	>KDR-V476L-LTNPYPCEEV	475	1384
>KDR-V476L-VTNPYPCEEV	2907	>KDR-V476L-LTNPYPCEEV	377	2530
>KDR-V476L-SVTNPYP	3068	>KDR-V476L-SLTNPYP	52	3016
>KDR-V476L-SVTNPYP	6920	>KDR-V476L-SLTNPYP	289	6631
>KDR-V476L-SVTNPYP	10326	>KDR-V476L-SLTNPYP	427	9899
>KDR-V476L-SVTNPYP	6750	>KDR-V476L-SLTNPYP	47	6703
>KDR-V476L-CANEPSQAV	103	>KDR-V476L-CANEPSQAV	1125	1022
>KDR-V476L-CANEPSQAV	206	>KDR-V476L-CANEPSQAV	2565	2359
>KDR-V476L-CANEPSQAV	1773	>KDR-V476L-CANEPSQAV	369	1404
>KDR-V476L-VSVTNPYP	128	>KDR-V476L-VSLTNPYP	76	52
>KDR-V476L-AVSVTNPYP	136	>KDR-V476L-AVSLTNPYP	124	12
>KDR-V476L-AVSVTNPYP	368	>KDR-V476L-AVSLTNPYP	285	83

>KDR-V476L-AVSVTNPY	170	>KDR-V476L-AVSLTNPY	136	34
>KDR-V476L-AVSVTNPY	39	>KDR-V476L-AVSLTNPY	80	41
>KDR-V476L-AVSVTNPY	103	>KDR-V476L-AVSLTNPY	146	43
>KDR-V476L-AVSVTNPY	408	>KDR-V476L-AVSLTNPY	396	12
>KDR-V476L-AVSVTNPY	191	>KDR-V476L-AVSLTNPY	203	12
>KDR-V476L-AVSVTNPY	137	>KDR-V476L-AVSLTNPY	195	58
>KDR-V476L-QAVSVTNPY	89	>KDR-V476L-QAVSLTNPY	65	24
>KDR-V476L-QAVSVTNPY	138	>KDR-V476L-QAVSLTNPY	77	61
>KDR-V476L-QAVSVTNPY	365	>KDR-V476L-QAVSLTNPY	211	154
>KDR-V476L-QAVSVTNPY	302	>KDR-V476L-QAVSLTNPY	424	122
>KDR-V476L-QAVSVTNPY	322	>KDR-V476L-QAVSLTNPY	891	569
>KDR-V476L-QAVSVTNPY	127	>KDR-V476L-QAVSLTNPY	116	11
>KDR-V476L-QAVSVTNPY	95	>KDR-V476L-QAVSLTNPY	91	4
>KDR-V476L-QAVSVTNPY	393	>KDR-V476L-QAVSLTNPY	149	244
>KDR-V476L-QAVSVTNPY	11	>KDR-V476L-QAVSLTNPY	11	0
>KDR-V476L-QAVSVTNPY	49	>KDR-V476L-QAVSLTNPY	68	19
>KDR-V476L-SQAVSVTNPY	175	>KDR-V476L-SQAVSLTNPY	344	169
>KDR-V476L-SQAVSVTNPY	32	>KDR-V476L-SQAVSLTNPY	34	2
>KDR-V476L-SQAVSVTNPY	54	>KDR-V476L-SQAVSLTNPY	67	13
>KDR-V476L-SQAVSVTNPY	4	>KDR-V476L-SQAVSLTNPY	5	1
>KDR-V476L-PSQAVSVTNF	210	>KDR-V476L-PSQAVSLTNP	96	114
>KDR-V476L-PSQAVSVTNF	379	>KDR-V476L-PSQAVSLTNP	404	25
>KDR-V476L-EPSQAVSV	1800	>KDR-V476L-EPSQAVSL	401	1399
>KDR-V476L-EPSQAVSV	193	>KDR-V476L-EPSQAVSL	1388	1195
>KDR-V476L-EPSQAVSV	1256	>KDR-V476L-EPSQAVSL	231	1025
>KDR-V476L-EPSQAVSV	494	>KDR-V476L-EPSQAVSL	62	432
>KDR-V476L-EPSQAVSVT	98	>KDR-V476L-EPSQAVSLT	548	450
>KDR-V476L-EPSQAVSV	1859	>KDR-V476L-EPSQAVSL	91	1768
>KDR-V476L-EPSQAVSV	1098	>KDR-V476L-EPSQAVSL	278	820
>KDR-V476L-EPSQAVSV	3774	>KDR-V476L-EPSQAVSL	405	3369
>KDR-V476L-NEPSQAVSV	51	>KDR-V476L-NEPSQAVSL	127	76
>KDR-V476L-NEPSQAVSV	216	>KDR-V476L-NEPSQAVSL	423	207
>KIT-A599T-v AFGKVVEATA	286	>KIT-A599T-r TFGKVVEATA	156	130
>KIT-A599T-v AFGKVVEATA	531	>KIT-A599T-r TFGKVVEATA	381	150
>KIT-A599T-v GAFGKVVEA	1265	>KIT-A599T-r GTFGKVVEA	430	835
>KIT-A599T-v GAFGKVVEA	861	>KIT-A599T-r GTFGKVVEA	213	648
>KIT-A599T-v GAFGKVVEA	1193	>KIT-A599T-r GTFGKVVEA	314	879
>KIT-A599T-v LSFGKTLGAG	459	>KIT-A599T-r LSFGKTLGAG	269	190
>KIT-A599T-v TLGAGAFGK\	242	>KIT-A599T-r TLGAGTFGK\	230	12
>KIT-A599T-v TLGAGAFGK\	90	>KIT-A599T-r TLGAGTFGK\	76	14
>KIT-A599T-v TLGAGAFGK\	394	>KIT-A599T-r TLGAGTFGK\	255	139
>KIT-A599T-v TLGAGAFGK\	25	>KIT-A599T-r TLGAGTFGK\	18	7
>KIT-A599T-v TLGAGAFGK\	116	>KIT-A599T-r TLGAGTFGK\	79	37

>KIT-A599T-ν TLGAGAFGK\	12	>KIT-A599T-r TLGAGTFGKV	9	3
>KIT-A599T-ν TLGAGAFGK\	13	>KIT-A599T-r TLGAGTFGKV	13	0
>KIT-A599T-ν TLGAGAFGK\	68	>KIT-A599T-r TLGAGTFGKV	38	30
>KIT-A599T-ν TLGAGAFGK\	50	>KIT-A599T-r TLGAGTFGKV	41	9
>KIT-A599T-ν TLGAGAFGK\	17	>KIT-A599T-r TLGAGTFGKV	15	2
>KIT-A599T-ν TLGAGAFGK\	30	>KIT-A599T-r TLGAGTFGKV	31	1
>KIT-A599T-ν TLGAGAFGK\	31	>KIT-A599T-r TLGAGTFGKV	24	7
>KIT-A599T-ν TLGAGAFGK\	75	>KIT-A599T-r TLGAGTFGKV	59	16
>KIT-A599T-ν TLGAGAFGK\	3	>KIT-A599T-r TLGAGTFGKV	3	0
>KIT-A599T-ν TLGAGAFGK\	5	>KIT-A599T-r TLGAGTFGKV	5	0
>KIT-A599T-ν TLGAGAFGK	67	>KIT-A599T-r TLGAGTFGK	53	14
>KIT-A599T-ν TLGAGAFGK	45	>KIT-A599T-r TLGAGTFGK	26	19
>KIT-A599T-ν TLGAGAFGK	631	>KIT-A599T-r TLGAGTFGK	443	188
>KIT-A599T-ν TLGAGAFGK\	905	>KIT-A599T-r TLGAGTFGKV	370	535
>KIT-A599T-ν TLGAGAFGK\	212	>KIT-A599T-r TLGAGTFGKV	193	19
>KIT-A599T-ν KTLGAGAFGk	67	>KIT-A599T-r KTLGAGTFGK	77	10
>KIT-A599T-ν KTLGAGAFGk	41	>KIT-A599T-r KTLGAGTFGK	39	2
>KIT-A599T-ν KTLGAGAFGk	93	>KIT-A599T-r KTLGAGTFGK	85	8
>KIT-A599T-ν KTLGAGAFGk	365	>KIT-A599T-r KTLGAGTFGK	408	43
>KIT-A599T-ν KTLGAGAFGk	22	>KIT-A599T-r KTLGAGTFGK	16	6
>KIT-A599T-ν KTLGAGAFGk	19	>KIT-A599T-r KTLGAGTFGK	16	3
>KIT-A599T-ν KTLGAGAF	587	>KIT-A599T-r KTLGAGTF	326	261
>KIT-A599T-ν KTLGAGAF	213	>KIT-A599T-r KTLGAGTF	663	450
>KIT-A599T-ν KTLGAGAFG	52	>KIT-A599T-r KTLGAGTFG	351	299
>KIT-A599T-ν KTLGAGAFGk	8	>KIT-A599T-r KTLGAGTFGK	8	0
>KIT-A599T-ν KTLGAGAFGk	91	>KIT-A599T-r KTLGAGTFGK	159	68
>KIT-A599T-ν KTLGAGAFGk	152	>KIT-A599T-r KTLGAGTFGK	148	4
>KIT-A599T-ν KTLGAGAF	13	>KIT-A599T-r KTLGAGTF	9	4
>KIT-A599T-ν KTLGAGAFGk	431	>KIT-A599T-r KTLGAGTFGK	436	5
>KIT-A599T-ν KTLGAGAFGk	128	>KIT-A599T-r KTLGAGTFGK	194	66
>KIT-A599T-ν KTLGAGAF	378	>KIT-A599T-r KTLGAGTF	716	338
>KIT-A599T-ν KTLGAGAF	155	>KIT-A599T-r KTLGAGTF	213	58
>KIT-A599T-ν KTLGAGAF	4	>KIT-A599T-r KTLGAGTF	3	1
>KIT-A599T-ν KTLGAGAFGk	78	>KIT-A599T-r KTLGAGTFGK	92	14
>KIT-A599T-ν KTLGAGAF	345	>KIT-A599T-r KTLGAGTF	79	266
>KIT-A599T-ν KTLGAGAF	78	>KIT-A599T-r KTLGAGTF	29	49
>KIT-A599T-ν KTLGAGAF	227	>KIT-A599T-r KTLGAGTF	248	21
>KIT-A599T-ν KTLGAGAFGk	181	>KIT-A599T-r KTLGAGTFGK	104	77
>KIT-A599T-ν KTLGAGAFGk	813	>KIT-A599T-r KTLGAGTFGK	497	316
>KIT-A599T-ν GKTLGAGAF	333	>KIT-A599T-r GKTLGAGTF	626	293
>KIT-A599T-ν FGKTLGAGAF	241	>KIT-A599T-r FGKTLGAGTF	376	135
>KIT-A599T-ν FGKTLGAGAF	353	>KIT-A599T-r FGKTLGAGTF	576	223
>KIT-A599T-ν FGKTLGAGAF	408	>KIT-A599T-r FGKTLGAGTF	666	258

>KIT-A599T-v FGKTLGAGAF	1411	>KIT-A599T-r FGKTLGAGTF	415	996
>KIT-A599T-v SFGKTLGAGA	17	>KIT-A599T-r SFGKTLGAGT	11	6
>KIT-A617S-v AMTVAVKML	276	>KIT-A617S-r SMTVAVKML	316	40
>KIT-A617S-v AMTVAVKML	326	>KIT-A617S-r SMTVAVKML	399	73
>KIT-A617S-v AMTVAVKML	131	>KIT-A617S-r SMTVAVKML	98	33
>KIT-A617S-v AMTVAVKM	672	>KIT-A617S-r SMTVAVKM	229	443
>KIT-A617S-v AMTVAVKML	115	>KIT-A617S-r SMTVAVKML	43	72
>KIT-A617S-v AMTVAVKM	207	>KIT-A617S-r SMTVAVKM	302	95
>KIT-A617S-v AMTVAVKML	20	>KIT-A617S-r SMTVAVKML	27	7
>KIT-A617S-v AMTVAVKML	30	>KIT-A617S-r SMTVAVKML	37	7
>KIT-A617S-v AMTVAVKML	15	>KIT-A617S-r SMTVAVKML	12	3
>KIT-A617S-v AMTVAVKML	155	>KIT-A617S-r SMTVAVKML	263	108
>KIT-A617S-v AMTVAVKML	474	>KIT-A617S-r SMTVAVKML	369	105
>KIT-A617S-v AMTVAVKML	337	>KIT-A617S-r SMTVAVKML	122	215
>KIT-A617S-v AMTVAVKM	245	>KIT-A617S-r SMTVAVKM	588	343
>KIT-A617S-v AMTVAVKML	278	>KIT-A617S-r SMTVAVKML	643	365
>KIT-A617S-v AMTVAVKML	669	>KIT-A617S-r SMTVAVKML	218	451
>KIT-A617S-v AAMTVAVK	225	>KIT-A617S-r ASMTVAVK	92	133
>KIT-A617S-v AAMTVAVKM	52	>KIT-A617S-r ASMTVAVKM	37	15
>KIT-A617S-v AAMTVAVK	19	>KIT-A617S-r ASMTVAVK	9	10
>KIT-A617S-v AAMTVAVKM	8	>KIT-A617S-r ASMTVAVKM	6	2
>KIT-A617S-v AAMTVAVK	114	>KIT-A617S-r ASMTVAVK	44	70
>KIT-A617S-v AAMTVAVKM	64	>KIT-A617S-r ASMTVAVKM	28	36
>KIT-A617S-v AAMTVAVKM	853	>KIT-A617S-r ASMTVAVKM	411	442
>KIT-A617S-v AAMTVAVKM	1533	>KIT-A617S-r ASMTVAVKM	184	1349
>KIT-A617S-v AAMTVAVKM	2745	>KIT-A617S-r ASMTVAVKM	458	2287
>KIT-A617S-v AAMTVAVK	199	>KIT-A617S-r ASMTVAVK	208	9
>KIT-A617S-v AAMTVAVKM	53	>KIT-A617S-r ASMTVAVKM	55	2
>KIT-A617S-v AAMTVAVKM	544	>KIT-A617S-r ASMTVAVKM	276	268
>KIT-A617S-v AAMTVAVKM	555	>KIT-A617S-r ASMTVAVKM	286	269
>KIT-A617S-v AAMTVAVKM	89	>KIT-A617S-r ASMTVAVKM	16	73
>KIT-A617S-v AAMTVAVKM	133	>KIT-A617S-r ASMTVAVKM	19	114
>KIT-A617S-v AAMTVAVKM	1716	>KIT-A617S-r ASMTVAVKM	495	1221
>KIT-A617S-v AAMTVAVKM	406	>KIT-A617S-r ASMTVAVKM	43	363
>KIT-A617S-v AAMTVAVK	1077	>KIT-A617S-r ASMTVAVK	304	773
>KIT-A617S-v AAMTVAVKM	528	>KIT-A617S-r ASMTVAVKM	140	388
>KIT-A617S-v TAYGLIKSDA/	449	>KIT-A617S-r TAYGLIKSDA/	4280	3831
>KIT-A617S-v DAAMTVAVK	14	>KIT-A617S-r DASMTVAVK	24	10
>KIT-A617S-v DAAMTVAV	30	>KIT-A617S-r DASMTVAV	96	66
>KIT-A617S-v DAAMTVAV	50	>KIT-A617S-r DASMTVAV	232	182
>KIT-A617S-v SDAAMTVAV	261	>KIT-A617S-r SDASMTVAV	532	271
>KIT-A617S-v SDAAMTVAV	258	>KIT-A617S-r SDASMTVAV	259	1
>KIT-A617S-v SDAAMTVAV	86	>KIT-A617S-r SDASMTVAV	87	1



>KIT-A617S-v KSDAAMTV	118	>KIT-A617S-r KSDASMTV	155	37
>KIT-A617S-v KSDAAMTVA	237	>KIT-A617S-r KSDASMTVA'	155	82
>KIT-A617S-v KSDAAMTVA	51	>KIT-A617S-r KSDASMTVA'	37	14
>KIT-A617S-v KSDAAMTVA	195	>KIT-A617S-r KSDASMTVA'	242	47
>KIT-A617S-v KSDAAMTVA	351	>KIT-A617S-r KSDASMTVA'	431	80
>KIT-A617S-v KSDAAMTV	60	>KIT-A617S-r KSDASMTV	30	30
>KIT-A617S-v KSDAAMTVA	2130	>KIT-A617S-r KSDASMTVA	415	1715
>KIT-A617S-v KSDAAMTVA	215	>KIT-A617S-r KSDASMTVA'	91	124
>KIT-A617S-v IKSDAAMTV	274	>KIT-A617S-r IKSDASMTV	229	45
>KIT-A617S-v IKSDAAMTV	40	>KIT-A617S-r IKSDASMTV	23	17
>KIT-A617S-v IKSDAAMTV/	226	>KIT-A617S-r IKSDASMTVA	108	118
>KIT-A617S-v IKSDAAMTV/	27	>KIT-A617S-r IKSDASMTVA	20	7
>KIT-A617S-v LIKSDAAMTV	76	>KIT-A617S-r LIKSDASMTV	55	21
>KIT-A617S-v LIKSDAAMTV	45	>KIT-A617S-r LIKSDASMTV	29	16
>KIT-A617S-v LIKSDAAMTV	107	>KIT-A617S-r LIKSDASMTV	92	15
>KIT-A617S-v LIKSDAAMTV	503	>KIT-A617S-r LIKSDASMTV	231	272
>KIT-A617S-v LIKSDAAMTV	6	>KIT-A617S-r LIKSDASMTV	6	0
>KIT-A617S-v LIKSDAAMTV	462	>KIT-A617S-r LIKSDASMTV	950	488
>KIT-A617S-v LIKSDAAM	104	>KIT-A617S-r LIKSDASM	106	2
>KIT-A617S-v GLIKSDAAMT	39	>KIT-A617S-r GLIKSDASMT	30	9
>KIT-A617S-v GLIKSDAA	162	>KIT-A617S-r GLIKSDAS	3477	3315
>KIT-A617S-v GLIKSDAAM	396	>KIT-A617S-r GLIKSDASM	400	4
>KIT-A617S-v GLIKSDAAMT	37	>KIT-A617S-r GLIKSDASMT	25	12
>KIT-A617S-v GLIKSDAA	77	>KIT-A617S-r GLIKSDAS	5884	5807
>KIT-A617S-v GLIKSDAAMT	8	>KIT-A617S-r GLIKSDASMT	7	1
>KIT-A617S-v GLIKSDAAMT	51	>KIT-A617S-r GLIKSDASMT	51	0
>KIT-A617S-v GLIKSDAAMT	9	>KIT-A617S-r GLIKSDASMT	8	1
>KIT-A617S-v GLIKSDAA	48	>KIT-A617S-r GLIKSDAS	5298	5250
>KIT-A617S-v GLIKSDAAM	59	>KIT-A617S-r GLIKSDASM	93	34
>KIT-A617S-v GLIKSDAAMT	3	>KIT-A617S-r GLIKSDASMT	3	0
>KIT-A617S-v GLIKSDAA	483	>KIT-A617S-r GLIKSDAS	13656	13173
>KIT-A617S-v GLIKSDAAMT	8	>KIT-A617S-r GLIKSDASMT	7	1
>KIT-A617S-v GLIKSDAAMT	159	>KIT-A617S-r GLIKSDASMT	105	54
>KIT-A617S-v GLIKSDAA	247	>KIT-A617S-r GLIKSDAS	12323	12076
>KIT-A617S-v GLIKSDAAM	734	>KIT-A617S-r GLIKSDASM	283	451
>KIT-A617S-v GLIKSDAAMT	4	>KIT-A617S-r GLIKSDASMT	3	1
>KIT-A617S-v GLIKSDAAM	68	>KIT-A617S-r GLIKSDASM	68	0
>KIT-A617S-v GLIKSDAAM	334	>KIT-A617S-r GLIKSDASM	667	333
>KIT-A617S-v YGLIKSDAAM	255	>KIT-A617S-r YGLIKSDASM	156	99
>KIT-A617S-v YGLIKSDAAM	590	>KIT-A617S-r YGLIKSDASM	173	417
>KIT-A636V-v ALMSELKV	13	>KIT-A636V-r VLMSELKV	13	0
>KIT-A636V-v ALMSELKVL	93	>KIT-A636V-r VLMSELKVL	131	38
>KIT-A636V-v ALMSELKV	7	>KIT-A636V-r VLMSELKV	10	3

>KIT-A636V-1 ALMSELKVL	16	>KIT-A636V-1 VLMSELKVL	34	18
>KIT-A636V-1 ALMSELKV	6	>KIT-A636V-1 VLMSELKV	8	2
>KIT-A636V-1 ALMSELKVL	18	>KIT-A636V-1 VLMSELKVL	29	11
>KIT-A636V-1 ALMSELKV	25	>KIT-A636V-1 VLMSELKV	33	8
>KIT-A636V-1 ALMSELKVL	476	>KIT-A636V-1 VLMSELKVL	693	217
>KIT-A636V-1 ALMSELKV	4	>KIT-A636V-1 VLMSELKV	3	1
>KIT-A636V-1 ALMSELKVL	41	>KIT-A636V-1 VLMSELKVL	30	11
>KIT-A636V-1 ALMSELKV	7	>KIT-A636V-1 VLMSELKV	7	0
>KIT-A636V-1 ALMSELKVL	31	>KIT-A636V-1 VLMSELKVL	30	1
>KIT-A636V-1 ALMSELKV	9	>KIT-A636V-1 VLMSELKV	8	1
>KIT-A636V-1 ALMSELKV	4	>KIT-A636V-1 VLMSELKV	3	1
>KIT-A636V-1 ALMSELKVL	39	>KIT-A636V-1 VLMSELKVL	15	24
>KIT-A636V-1 ALMSELKV	2	>KIT-A636V-1 VLMSELKV	2	0
>KIT-A636V-1 ALMSELKVL	10	>KIT-A636V-1 VLMSELKVL	11	1
>KIT-A636V-1 ALMSELKVLS	293	>KIT-A636V-1 VLMSELKVLS	312	19
>KIT-A636V-1 ALMSELKVLS	306	>KIT-A636V-1 VLMSELKVLS	753	447
>KIT-A636V-1 ALMSELKVLS	200	>KIT-A636V-1 VLMSELKVLS	745	545
>KIT-A636V-1 ALMSELKVLS	125	>KIT-A636V-1 VLMSELKVLS	77	48
>KIT-A636V-1 ALMSELKVLS	115	>KIT-A636V-1 VLMSELKVLS	72	43
>KIT-A636V-1 ALMSELKVLS	74	>KIT-A636V-1 VLMSELKVLS	36	38
>KIT-A636V-1 ALMSELKVLS	48	>KIT-A636V-1 VLMSELKVLS	54	6
>KIT-A636V-1 ALMSELKVLS	439	>KIT-A636V-1 VLMSELKVLS	314	125
>KIT-A636V-1 ALMSELKVL	216	>KIT-A636V-1 VLMSELKVL	396	180
>KIT-A636V-1 ALMSELKVLS	25	>KIT-A636V-1 VLMSELKVLS	37	12
>KIT-A636V-1 ALMSELKVLS	270	>KIT-A636V-1 VLMSELKVLS	295	25
>KIT-A636V-1 EALMSELK	743	>KIT-A636V-1 EVLMSELK	173	570
>KIT-A636V-1 EALMSELKVL	3949	>KIT-A636V-1 EVLMSELKVL	219	3730
>KIT-A636V-1 EALMSELK	22	>KIT-A636V-1 EVLMSELK	10	12
>KIT-A636V-1 EALMSELKV	192	>KIT-A636V-1 EVLMSELKV	69	123
>KIT-A636V-1 KPSAHLTERE	160	>KIT-A636V-1 KPSAHLTERE	48	112
>KIT-A636V-1 REALMSELKV	131	>KIT-A636V-1 REVLMSSELKV	448	317
>KIT-A636V-1 REALMSELKV	58	>KIT-A636V-1 REVLMSSELKV	195	137
>KIT-A636V-1 REALMSEL	16	>KIT-A636V-1 REVLMSSEL	12	4
>KIT-A636V-1 REALMSELKV	589	>KIT-A636V-1 REVLMSSELKV	484	105
>KIT-A636V-1 REALMSELKV	30	>KIT-A636V-1 REVLMSSELKV	18	12
>KIT-A636V-1 REALMSEL	25	>KIT-A636V-1 REVLMSSEL	18	7
>KIT-A636V-1 REALMSELKV	131	>KIT-A636V-1 REVLMSSELKV	123	8
>KIT-A636V-1 REALMSELKV	74	>KIT-A636V-1 REVLMSSELKV	48	26
>KIT-A636V-1 REALMSELKV	566	>KIT-A636V-1 REVLMSSELKV	429	137
>KIT-A636V-1 REALMSELKV	425	>KIT-A636V-1 REVLMSSELKV	860	435
>KIT-A636V-1 REALMSEL	279	>KIT-A636V-1 REVLMSSEL	110	169
>KIT-A636V-1 REALMSELK	146	>KIT-A636V-1 REVLMSSELK	124	22
>KIT-A636V-1 REALMSELKV	41	>KIT-A636V-1 REVLMSSELKV	57	16

>KIT-A636V-1 REALMSELKV	10	>KIT-A636V-r REVLMSSELKV	8	2
>KIT-A636V-1 REALMSEL	382	>KIT-A636V-r REVLMSSEL	861	479
>KIT-A636V-1 EREALMSEL	141	>KIT-A636V-r EREVLMSSEL	557	416
>KIT-A636V-1 EREALMSEL	257	>KIT-A636V-r EREVLMSSEL	226	31
>KIT-A636V-1 EREALMSEL	156	>KIT-A636V-r EREVLMSSEL	94	62
>KIT-A636V-1 TEREALMS	104	>KIT-A636V-r TEREVLMS	234	130
>KIT-A636V-1 TEREALMSEL	127	>KIT-A636V-r TEREVLMSSEL	88	39
>KIT-A636V-1 TEREALMSE	177	>KIT-A636V-r TEREVLMSSE	331	154
>KIT-A636V-1 TEREALMSEL	267	>KIT-A636V-r TEREVLMSSEL	270	3
>KIT-A636V-1 TEREALMSEL	45	>KIT-A636V-r TEREVLMSSEL	48	3
>KIT-A636V-1 LTEREALM	135	>KIT-A636V-r LTEREVLMS	365	230
>KIT-A636V-1 LTEREALMSE	35	>KIT-A636V-r LTEREVLMSSE	47	12
>KIT-A636V-1 LTEREALMSE	39	>KIT-A636V-r LTEREVLMSSE	63	24
>KIT-A636V-1 HLTEREAL	34	>KIT-A636V-r HLTEREVL	108	74
>KIT-A636V-1 HLTEREALM	234	>KIT-A636V-r HLTEREVLMS	362	128
>KIT-A636V-1 HLTEREAL	179	>KIT-A636V-r HLTEREVL	373	194
>KIT-A636V-1 HLTEREAL	136	>KIT-A636V-r HLTEREVL	275	139
>KIT-A636V-1 HLTEREAL	339	>KIT-A636V-r HLTEREVL	275	64
>KIT-A636V-1 HLTEREAL	8	>KIT-A636V-r HLTEREVL	12	4
>KIT-A636V-1 HLTEREALM	57	>KIT-A636V-r HLTEREVLMS	78	21
>KIT-A636V-1 AHLTEREAL	274	>KIT-A636V-r AHLTEREVL	566	292
>KIT-A636V-1 AHLTEREAL	37	>KIT-A636V-r AHLTEREVL	47	10
>KIT-A636V-1 SAHLTEREALI	452	>KIT-A636V-r SAHLTEREVL	557	105
>KIT-A814S-v ARDIKNDSNY	420	>KIT-A814S-r SRDIKNDSNY	449	29
>KIT-A814S-v ARDIKNDSNY	200	>KIT-A814S-r SRDIKNDSNY	212	12
>KIT-A814S-v LARDIKNDSN	241	>KIT-A814S-r LSRDIKNDSN	73	168
>KIT-A814S-v LARDIKNDSN	387	>KIT-A814S-r LSRDIKNDSN	217	170
>KIT-A814S-v LARDIKNDSN	317	>KIT-A814S-r LSRDIKNDSN	157	160
>KIT-A814S-v LARDIKNDSN	30	>KIT-A814S-r LSRDIKNDSN	9	21
>KIT-A814S-v LARDIKNDSN	176	>KIT-A814S-r LSRDIKNDSN	1826	1650
>KIT-A814S-v LARDIKNDSN	46	>KIT-A814S-r LSRDIKNDSN	9	37
>KIT-A814S-v CDFGLARDI	84	>KIT-A814S-r CDFGLSRDI	234	150
>KIT-A814S-v KICDFGLA	433	>KIT-A814S-r KICDFGLS	10623	10190
>KIT-A814S-v KICDFGLA	195	>KIT-A814S-r KICDFGLS	6253	6058
>KIT-A814S-v KICDFGLAR	53	>KIT-A814S-r KICDFGLSR	48	5
>KIT-A814S-v KICDFGLAR	30	>KIT-A814S-r KICDFGLSR	52	22
>KIT-A814S-v KICDFGLARD	109	>KIT-A814S-r KICDFGLSRDI	96	13
>KIT-A814S-v KICDFGLAR	14	>KIT-A814S-r KICDFGLSR	14	0
>KIT-A814S-v TKICDFGLAR	408	>KIT-A814S-r TKICDFGLSR	455	47
>KIT-A814S-v ITKICDFGLAR	16	>KIT-A814S-r ITKICDFGLSR	22	6
>KIT-A814S-v ITKICDFGLAR	79	>KIT-A814S-r ITKICDFGLSR	94	15
>KIT-A814S-v ITKICDFGLAR	70	>KIT-A814S-r ITKICDFGLSR	65	5
>KIT-A814S-v ITKICDFGLAR	189	>KIT-A814S-r ITKICDFGLSR	198	9

>KIT-A814T-v ARDIKNSNY	420	>KIT-A814T-r TRDIKNSNY	551	131
>KIT-A814T-v ARDIKNSNY	200	>KIT-A814T-r TRDIKNSNY	698	498
>KIT-A814T-v LARDIKNSDN	4440	>KIT-A814T-r LTRDIKNSDN	161	4279
>KIT-A814T-v LARDIKNSDN	1395	>KIT-A814T-r LTRDIKNSDN	159	1236
>KIT-A814T-v LARDIKNSDN	1945	>KIT-A814T-r LTRDIKNSDN	339	1606
>KIT-A814T-v LARDIKNSDN	241	>KIT-A814T-r LTRDIKNSDN	69	172
>KIT-A814T-v LARDIKNSDN	387	>KIT-A814T-r LTRDIKNSDN	272	115
>KIT-A814T-v LARDIKNSDN	317	>KIT-A814T-r LTRDIKNSDN	530	213
>KIT-A814T-v LARDIKNSDN	30	>KIT-A814T-r LTRDIKNSDN	8	22
>KIT-A814T-v LARDIKNSDN	176	>KIT-A814T-r LTRDIKNSDN	3324	3148
>KIT-A814T-v LARDIKNSDN	46	>KIT-A814T-r LTRDIKNSDN	5	41
>KIT-A814T-v CDFGLARDI	84	>KIT-A814T-r CDFGLTRDI	132	48
>KIT-A814T-v KICDFGLA	433	>KIT-A814T-r KICDFGLT	4189	3756
>KIT-A814T-v KICDFGLA	195	>KIT-A814T-r KICDFGLT	2008	1813
>KIT-A814T-v KICDFGLAR	53	>KIT-A814T-r KICDFGLTR	68	15
>KIT-A814T-v KICDFGLAR	30	>KIT-A814T-r KICDFGLTR	45	15
>KIT-A814T-v KICDFGLARD	109	>KIT-A814T-r KICDFGLTRDI	60	49
>KIT-A814T-v KICDFGLAR	14	>KIT-A814T-r KICDFGLTR	14	0
>KIT-A814T-v TKICDFGLAR	408	>KIT-A814T-r TKICDFGLTR	681	273
>KIT-A814T-v ITKICDFGLAR	16	>KIT-A814T-r ITKICDFGLTR	19	3
>KIT-A814T-v ITKICDFGLAR	79	>KIT-A814T-r ITKICDFGLTR	106	27
>KIT-A814T-v ITKICDFGLAR	70	>KIT-A814T-r ITKICDFGLTR	60	10
>KIT-A814T-v ITKICDFGLAR	189	>KIT-A814T-r ITKICDFGLTR	168	21
>KIT-A829P-v ARLPVKWM	129	>KIT-A829P-r PRLPVKWM	1929	1800
>KIT-A829P-v ARLPVKWM	342	>KIT-A829P-r PRLPVKWM	5177	4835
>KIT-A829P-v NARLPVKWN	3693	>KIT-A829P-r NPRLPVKWN	36	3657
>KIT-A829P-v NARLPVKW	107	>KIT-A829P-r NPRLPVKW	8251	8144
>KIT-A829P-v NARLPVKWN	389	>KIT-A829P-r NPRLPVKWN	21083	20694
>KIT-A829P-v NARLPVKW	1470	>KIT-A829P-r NPRLPVKW	138	1332
>KIT-A829P-v NARLPVKWN	30587	>KIT-A829P-r NPRLPVKWN	223	30364
>KIT-A829P-v NARLPVKW	173	>KIT-A829P-r NPRLPVKW	16897	16724
>KIT-A829P-v NARLPVKW	5616	>KIT-A829P-r NPRLPVKW	117	5499
>KIT-A829P-v KGNARLPVK	258	>KIT-A829P-r KGNPRLPVK	433	175
>KIT-A829P-v KGNARLPV	287	>KIT-A829P-r KGNPRLPV	408	121
>KIT-A829P-v KGNARLPVK	17	>KIT-A829P-r KGNPRLPVK	17	0
>KIT-A829P-v KGNARLPVK	580	>KIT-A829P-r KGNPRLPVK	433	147
>KIT-A829P-v KGNARLPVK\	531	>KIT-A829P-r KGNPRLPVK\	87	444
>KIT-A829P-v KGNARLPVK\	1476	>KIT-A829P-r KGNPRLPVK\	334	1142
>KIT-A829P-v KGNARLPVK\	82	>KIT-A829P-r KGNPRLPVK\	52	30
>KIT-A829P-v KGNARLPVK\	18	>KIT-A829P-r KGNPRLPVK\	19	1
>KIT-A829P-v VKGNARLPV	245	>KIT-A829P-r VKGNPRLPV	152	93
>KIT-A829P-v VVKGNARLP\	360	>KIT-A829P-r VVKGNPRLP\	300	60
>KIT-A829P-v VVKGNARL	340	>KIT-A829P-r VVKGNPRL	372	32

>KIT-A829P-1 VVKGNARLP\	51	>KIT-A829P-r VVKGNPRLP\	75	24
>KIT-A829P-1 VVKGNARLP\	343	>KIT-A829P-r VVKGNPRLP\	361	18
>KIT-A829P-1 VVKGNARLP\	413	>KIT-A829P-r VVKGNPRLP\	361	52
>KIT-A829P-1 VVKGNARLP\	90	>KIT-A829P-r VVKGNPRLP\	102	12
>KIT-A829P-1 VVKGNARLP\	13	>KIT-A829P-r VVKGNPRLP\	11	2
>KIT-A829P-1 YVVKGNARL	634	>KIT-A829P-r YVVKGNPRL	465	169
>KIT-A829P-1 YVVKGNARLF	127	>KIT-A829P-r YVVKGNPRLF	160	33
>KIT-A829P-1 YVVKGNARL	213	>KIT-A829P-r YVVKGNPRL	1422	1209
>KIT-A829P-1 YVVKGNARLF	357	>KIT-A829P-r YVVKGNPRLF	1130	773
>KIT-A829P-1 YVVKGNARL	340	>KIT-A829P-r YVVKGNPRL	1698	1358
>KIT-A829P-1 YVVKGNARLF	27	>KIT-A829P-r YVVKGNPRLF	61	34
>KIT-A829P-1 YVVKGNARL	56	>KIT-A829P-r YVVKGNPRL	37	19
>KIT-A829P-1 YVVKGNARLF	8	>KIT-A829P-r YVVKGNPRLF	10	2
>KIT-A829P-1 YVVKGNARL	489	>KIT-A829P-r YVVKGNPRL	357	132
>KIT-A829P-1 YVVKGNARLF	74	>KIT-A829P-r YVVKGNPRLF	50	24
>KIT-A829P-1 YVVKGNARLF	234	>KIT-A829P-r YVVKGNPRLF	317	83
>KIT-A829P-1 YVVKGNARLF	90	>KIT-A829P-r YVVKGNPRLF	76	14
>KIT-A829P-1 YVVKGNARL	23	>KIT-A829P-r YVVKGNPRL	20	3
>KIT-A829P-1 YVVKGNARLF	6	>KIT-A829P-r YVVKGNPRLF	7	1
>KIT-A829P-1 YVVKGNARL	55	>KIT-A829P-r YVVKGNPRL	68	13
>KIT-A829P-1 YVVKGNAR	468	>KIT-A829P-r YVVKGNPR	337	131
>KIT-A829P-1 YVVKGNAR	426	>KIT-A829P-r YVVKGNPR	467	41
>KIT-A829P-1 YVVKGNAR	18	>KIT-A829P-r YVVKGNPR	21	3
>KIT-A829P-1 YVVKGNARL	110	>KIT-A829P-r YVVKGNPRL	1883	1773
>KIT-A829P-1 YVVKGNARLF	16	>KIT-A829P-r YVVKGNPRLF	33	17
>KIT-A829P-1 YVVKGNARL	250	>KIT-A829P-r YVVKGNPRL	107	143
>KIT-A829P-1 YVVKGNARLF	13	>KIT-A829P-r YVVKGNPRLF	10	3
>KIT-A829P-1 YVVKGNARL	56	>KIT-A829P-r YVVKGNPRL	126	70
>KIT-A829P-1 YVVKGNARL	144	>KIT-A829P-r YVVKGNPRL	364	220
>KIT-A829P-1 YVVKGNAR	1152	>KIT-A829P-r YVVKGNPR	342	810
>KIT-A829P-1 NYVVKGNAR	253	>KIT-A829P-r NYVVKGNPR	824	571
>KIT-A829P-1 NYVVKGNAR	309	>KIT-A829P-r NYVVKGNPR	394	85
>KIT-A829P-1 NYVVKGNAR	559	>KIT-A829P-r NYVVKGNPR	273	286
>KIT-A829P-1 NYVVKGNAR	170	>KIT-A829P-r NYVVKGNPR	129	41
>KIT-A829P-1 NYVVKGNAR	384	>KIT-A829P-r NYVVKGNPR	98	286
>KIT-A829P-1 SNYVVKGNA	129	>KIT-A829P-r SNYVVKGNP	134	5
>KIT-A829P-1 SNYVVKGNA	684	>KIT-A829P-r SNYVVKGNP	460	224
>KIT-A829P-1 DSNYVVKGN	965	>KIT-A829P-r DSNYVVKGN	477	488
>KIT-A829P-1 DSNYVVKGN	76	>KIT-A829P-r DSNYVVKGN	62	14
>KIT-A829P-1 DSNYVVKGN	27	>KIT-A829P-r DSNYVVKGN	26	1
>KIT-C809G-1 CDFGLARDI	1604	>KIT-C809G-i GDFGLARDI	409	1195
>KIT-C809G-1 CDFGLARDI	84	>KIT-C809G-i GDFGLARDI	313	229
>KIT-C809G-1 LLTHGRITKIC	190	>KIT-C809G-i LLTHGRITKIG	11857	11667

>KIT-C809G- $\backslash$ KICDFGLA	433	>KIT-C809G- $\uparrow$ KIGDFGLA	701	268
>KIT-C809G- $\backslash$ KICDFGLA	195	>KIT-C809G- $\uparrow$ KIGDFGLA	554	359
>KIT-C809G- $\backslash$ KICDFGLAR	53	>KIT-C809G- $\uparrow$ KIGDFGLAR	171	118
>KIT-C809G- $\backslash$ KICDFGLAR	30	>KIT-C809G- $\uparrow$ KIGDFGLAR	94	64
>KIT-C809G- $\backslash$ KICDFGLARD	109	>KIT-C809G- $\uparrow$ KIGDFGLARD	131	22
>KIT-C809G- $\backslash$ KICDFGLAR	14	>KIT-C809G- $\uparrow$ KIGDFGLAR	14	0
>KIT-C809G- $\backslash$ TKICDFGLAR	408	>KIT-C809G- $\uparrow$ TKIGDFGLAR	1789	1381
>KIT-C809G- $\backslash$ TKICDFGL	1151	>KIT-C809G- $\uparrow$ TKIGDFGL	320	831
>KIT-C809G- $\backslash$ ITKICDFGLA	819	>KIT-C809G- $\uparrow$ ITKIGDFGLA	470	349
>KIT-C809G- $\backslash$ ITKICDFGLAR	16	>KIT-C809G- $\uparrow$ ITKIGDFGLAR	25	9
>KIT-C809G- $\backslash$ ITKICDFGLAR	79	>KIT-C809G- $\uparrow$ ITKIGDFGLAR	80	1
>KIT-C809G- $\backslash$ ITKICDFGLAR	70	>KIT-C809G- $\uparrow$ ITKIGDFGLAR	71	1
>KIT-C809G- $\backslash$ ITKICDFGL	5	>KIT-C809G- $\uparrow$ ITKIGDFGL	4	1
>KIT-C809G- $\backslash$ ITKICDFGLAR	189	>KIT-C809G- $\uparrow$ ITKIGDFGLAR	838	649
>KIT-C809G- $\backslash$ RITKICDFGL	1001	>KIT-C809G- $\uparrow$ RITKIGDFGL	443	558
>KIT-C809G- $\backslash$ RITKICDF	237	>KIT-C809G- $\uparrow$ RITKIGDF	852	615
>KIT-C809G- $\backslash$ RITKICDF	228	>KIT-C809G- $\uparrow$ RITKIGDF	164	64
>KIT-C809G- $\backslash$ GRITKICDF	253	>KIT-C809G- $\uparrow$ GRITKIGDF	1195	942
>KIT-C809G- $\backslash$ GRITKICDFGL	168	>KIT-C809G- $\uparrow$ GRITKIGDFGI	132	36
>KIT-C809G- $\backslash$ GRITKICDF	484	>KIT-C809G- $\uparrow$ GRITKIGDF	668	184
>KIT-C809G- $\backslash$ GRITKICDFGL	267	>KIT-C809G- $\uparrow$ GRITKIGDFGI	304	37
>KIT-C809G- $\backslash$ GRITKICDF	315	>KIT-C809G- $\uparrow$ GRITKIGDF	269	46
>KIT-C809G- $\backslash$ GRITKICDFGL	52	>KIT-C809G- $\uparrow$ GRITKIGDFGI	52	0
>KIT-C809R- $\backslash$ CDFGLARDI	15288	>KIT-C809R- $\uparrow$ RDFGLARDI	372	14916
>KIT-C809R- $\backslash$ CDFGLARDI	2057	>KIT-C809R- $\uparrow$ RDFGLARDI	336	1721
>KIT-C809R- $\backslash$ CDFGLARDI	1604	>KIT-C809R- $\uparrow$ RDFGLARDI	229	1375
>KIT-C809R- $\backslash$ CDFGLARDI	84	>KIT-C809R- $\uparrow$ RDFGLARDI	214	130
>KIT-C809R- $\backslash$ LLTHGRITKIC	190	>KIT-C809R- $\uparrow$ LLTHGRITKIR	12756	12566
>KIT-C809R- $\backslash$ KICDFGLA	433	>KIT-C809R- $\uparrow$ KIRDFGLA	232	201
>KIT-C809R- $\backslash$ KICDFGLA	195	>KIT-C809R- $\uparrow$ KIRDFGLA	1985	1790
>KIT-C809R- $\backslash$ KICDFGLAR	1041	>KIT-C809R- $\uparrow$ KIRDFGLAR	359	682
>KIT-C809R- $\backslash$ KICDFGLAR	53	>KIT-C809R- $\uparrow$ KIRDFGLAR	1588	1535
>KIT-C809R- $\backslash$ KICDFGLA	1387	>KIT-C809R- $\uparrow$ KIRDFGLA	7	1380
>KIT-C809R- $\backslash$ KICDFGLAR	1934	>KIT-C809R- $\uparrow$ KIRDFGLAR	8	1926
>KIT-C809R- $\backslash$ KICDFGLARD	8619	>KIT-C809R- $\uparrow$ KIRDFGLARD	266	8353
>KIT-C809R- $\backslash$ KICDFGLARD	3284	>KIT-C809R- $\uparrow$ KIRDFGLARD	17	3267
>KIT-C809R- $\backslash$ KICDFGLAR	30	>KIT-C809R- $\uparrow$ KIRDFGLAR	19	11
>KIT-C809R- $\backslash$ KICDFGLARD	109	>KIT-C809R- $\uparrow$ KIRDFGLARD	320	211
>KIT-C809R- $\backslash$ KICDFGLAR	14	>KIT-C809R- $\uparrow$ KIRDFGLAR	27	13
>KIT-C809R- $\backslash$ TKICDFGLAR	408	>KIT-C809R- $\uparrow$ TKIRDFGLAR	554	146
>KIT-C809R- $\backslash$ ITKICDFGLA	819	>KIT-C809R- $\uparrow$ ITKIRDFGLA	232	587
>KIT-C809R- $\backslash$ ITKICDFGLAR	1038	>KIT-C809R- $\uparrow$ ITKIRDFGLAR	419	619
>KIT-C809R- $\backslash$ ITKICDFGLAR	16	>KIT-C809R- $\uparrow$ ITKIRDFGLAR	15	1

>KIT-C809R-νITKICDFGLAR	79	>KIT-C809R-rITKIRDFGLAR	44	35
>KIT-C809R-νITKICDFGLAR	70	>KIT-C809R-rITKIRDFGLAR	63	7
>KIT-C809R-νITKICDFGL	5	>KIT-C809R-rITKIRDFGL	5	0
>KIT-C809R-νITKICDFGLAR	189	>KIT-C809R-rITKIRDFGLAR	496	307
>KIT-C809R-νRITKICDF	237	>KIT-C809R-rRITKIRDF	260	23
>KIT-C809R-νRITKICDF	228	>KIT-C809R-rRITKIRDF	120	108
>KIT-C809R-νGRITKICDF	253	>KIT-C809R-rGRITKIRDF	394	141
>KIT-C809R-νGRITKICDF	898	>KIT-C809R-rGRITKIRDF	477	421
>KIT-C809R-νGRITKICDFGL	168	>KIT-C809R-rGRITKIRDFGL	92	76
>KIT-C809R-νGRITKICDF	484	>KIT-C809R-rGRITKIRDF	356	128
>KIT-C809R-νGRITKICDFGL	267	>KIT-C809R-rGRITKIRDFGL	248	19
>KIT-C809R-νGRITKICDF	315	>KIT-C809R-rGRITKIRDF	106	209
>KIT-C809R-νGRITKICDFGL	52	>KIT-C809R-rGRITKIRDFGL	32	20
>KIT-C809R-νHGRITKIC	3774	>KIT-C809R-rHGRITKIR	402	3372
>KIT-C809R-νHGRITKICDFC	1069	>KIT-C809R-rHGRITKIRDFC	392	677
>KIT-C809R-νHGRITKIC	22665	>KIT-C809R-rHGRITKIR	389	22276
>KIT-C809R-νHGRITKIC	35272	>KIT-C809R-rHGRITKIR	296	34976
>KIT-C809R-νTHGRITKIC	36553	>KIT-C809R-rTHGRITKIR	487	36066
>KIT-C809R-νLTHGRITKIC	24269	>KIT-C809R-rLTHGRITKIR	108	24161
>KIT-C809R-νLTHGRITKIC	27755	>KIT-C809R-rLTHGRITKIR	405	27350
>KIT-C809R-νLTHGRITKIC	35985	>KIT-C809R-rLTHGRITKIR	81	35904
>KIT-D327N-νDGENVDLIVE	525	>KIT-D327N-rNGENVDLIVE	446	79
>KIT-D327N-νNDGENVDLI	103	>KIT-D327N-rNNGENVDLI	567	464
>KIT-D327N-νNDGENVDLI	82	>KIT-D327N-rNNGENVDLI	5536	5454
>KIT-D327N-νFVNDGENV	98	>KIT-D327N-rFVNNGENV	327	229
>KIT-D327N-νFVNDGENVD	160	>KIT-D327N-rFVNNGENVVD	620	460
>KIT-D327N-νFVNDGENV	14	>KIT-D327N-rFVNNGENV	44	30
>KIT-D327N-νFVNDGENVD	218	>KIT-D327N-rFVNNGENVVD	256	38
>KIT-D327N-νFVNDGENVD	16	>KIT-D327N-rFVNNGENVVD	53	37
>KIT-D327N-νFVNDGENV	8	>KIT-D327N-rFVNNGENV	12	4
>KIT-D327N-νFVNDGENVD	21	>KIT-D327N-rFVNNGENVVD	40	19
>KIT-D327N-νFVNDGENV	18	>KIT-D327N-rFVNNGENV	30	12
>KIT-D327N-νFVNDGENVD	21	>KIT-D327N-rFVNNGENVVD	56	35
>KIT-D327N-νFVNDGENV	10	>KIT-D327N-rFVNNGENV	16	6
>KIT-D327N-νFVNDGENVD	65	>KIT-D327N-rFVNNGENVVD	159	94
>KIT-D327N-νFVNDGENV	64	>KIT-D327N-rFVNNGENV	105	41
>KIT-D327N-νFVNDGENVD	240	>KIT-D327N-rFVNNGENVVD	476	236
>KIT-D327N-νFVNDGENV	23	>KIT-D327N-rFVNNGENV	35	12
>KIT-D327N-νFVNDGENVD	277	>KIT-D327N-rFVNNGENVVD	454	177
>KIT-D327N-νFVNDGENV	36	>KIT-D327N-rFVNNGENV	101	65
>KIT-D327N-νFVNDGENVD	430	>KIT-D327N-rFVNNGENVVD	1194	764
>KIT-D327N-νFVNDGENV	3	>KIT-D327N-rFVNNGENV	5	2
>KIT-D327N-νFVNDGENVD	16	>KIT-D327N-rFVNNGENVVD	94	78

>KIT-D327N- FVNDGENVD	49	>KIT-D327N- FVNNGENVD	448	399
>KIT-D327N- FVNDGENV	20	>KIT-D327N- FVNNGENV	29	9
>KIT-D327N- FVNDGENVD	36	>KIT-D327N- FVNNGENVD	86	50
>KIT-D327N- FVNDGENV	64	>KIT-D327N- FVNNGENV	163	99
>KIT-D327N- VVNDGENV	444	>KIT-D327N- VVFNNGENV	165	279
>KIT-D327N- TVFVNDGEN'	346	>KIT-D327N- TVFVNNGEN'	277	69
>KIT-D327N- TVFVNDGEN'	409	>KIT-D327N- TVFVNNGEN'	573	164
>KIT-D327N- TVFVNDGEN'	443	>KIT-D327N- TVFVNNGEN'	245	198
>KIT-D327N- TVFVNDGEN'	218	>KIT-D327N- TVFVNNGEN'	165	53
>KIT-D327N- TVFVNDGEN'	242	>KIT-D327N- TVFVNNGEN'	120	122
>KIT-D327N- TVFVNDGEN'	239	>KIT-D327N- TVFVNNGEN'	44	195
>KIT-D327N- TTVFVNDGE	589	>KIT-D327N- TTVFVNNGE	401	188
>KIT-D327N- TTVFVNDG	1460	>KIT-D327N- TTVFVNNG	428	1032
>KIT-D327N- TTVFVNDGEN'	7	>KIT-D327N- TTVFVNNGEN'	6	1
>KIT-D327N- TTVFVNDGEN'	36	>KIT-D327N- TTVFVNNGEN'	27	9
>KIT-D496V- DVGKTSAYFN	1515	>KIT-D496V- VVGKTSAYFN	118	1397
>KIT-D496V- DVGKTSAYFN	3679	>KIT-D496V- VVGKTSAYFN	327	3352
>KIT-D496V- DVGKTSAY	235	>KIT-D496V- VVGKTSAY	3995	3760
>KIT-D496V- DVGKTSAY	279	>KIT-D496V- VVGKTSAY	12716	12437
>KIT-D496V- DVGKTSAY	51	>KIT-D496V- VVGKTSAY	571	520
>KIT-D496V- DVGKTSAYF	211	>KIT-D496V- VVGKTSAYF	2836	2625
>KIT-D496V- DVGKTSAY	57	>KIT-D496V- VVGKTSAY	765	708
>KIT-D496V- DVGKTSAY	975	>KIT-D496V- VVGKTSAY	164	811
>KIT-D496V- DVGKTSAY	695	>KIT-D496V- VVGKTSAY	58	637
>KIT-D496V- DVGKTSAY	903	>KIT-D496V- VVGKTSAY	18	885
>KIT-D496V- DVGKTSAY	2487	>KIT-D496V- VVGKTSAY	95	2392
>KIT-D496V- DVGKTSAYF	3215	>KIT-D496V- VVGKTSAYF	97	3118
>KIT-D496V- DVGKTSAY	1043	>KIT-D496V- VVGKTSAY	476	567
>KIT-D496V- DVGKTSAYF	6625	>KIT-D496V- VVGKTSAYF	159	6466
>KIT-D496V- DVGKTSAY	408	>KIT-D496V- VVGKTSAY	469	61
>KIT-D496V- DVGKTSAYF	14775	>KIT-D496V- VVGKTSAYF	411	14364
>KIT-D496V- DVGKTSAYF	5030	>KIT-D496V- VVGKTSAYF	212	4818
>KIT-D496V- NDVGKTSAY	12932	>KIT-D496V- NVVGKTSAY	181	12751
>KIT-D496V- NDVGKTSAY	3641	>KIT-D496V- NVVGKTSAY	8	3633
>KIT-D496V- NDVGKTSAY	1838	>KIT-D496V- NVVGKTSAY	4	1834
>KIT-D496V- NDVGKTSAYF	8764	>KIT-D496V- NVVGKTSAYF	17	8747
>KIT-D496V- NDVGKTSAY	229	>KIT-D496V- NVVGKTSAY	11	218
>KIT-D496V- NDVGKTSAY	3972	>KIT-D496V- NVVGKTSAY	103	3869
>KIT-D496V- NDVGKTA	14835	>KIT-D496V- NVVGKTA	129	14706
>KIT-D496V- NDVGKTSAY	7217	>KIT-D496V- NVVGKTSAY	263	6954
>KIT-D496V- NDVGKTSAY	1739	>KIT-D496V- NVVGKTSAY	114	1625
>KIT-D496V- NDVGKTSAYF	17876	>KIT-D496V- NVVGKTSAYF	448	17428
>KIT-D496V- NDVGKTSAY	558	>KIT-D496V- NVVGKTSAY	42	516



>KIT-D496V-1 NDVGKTSAY	1421	>KIT-D496V-1 NVVVGKTSAY	61	1360
>KIT-D496V-1 YNDVGKTSAY	3603	>KIT-D496V-1 YNVVVGKTSAY	204	3399
>KIT-D496V-1 YNDVGKTSAY	5324	>KIT-D496V-1 YNVVVGKTSAY	327	4997
>KIT-D496V-1 YNDVGKTSAY	215	>KIT-D496V-1 YNVVVGKTSAY	68	147
>KIT-D496V-1 YNDVGKTSAY	3871	>KIT-D496V-1 YNVVVGKTSAY	190	3681
>KIT-D496V-1 YNDVGKTSAY	2265	>KIT-D496V-1 YNVVVGKTSAY	63	2202
>KIT-D496V-1 YNDVGKTSAY	486	>KIT-D496V-1 YNVVVGKTSAY	151	335
>KIT-D496V-1 YNDVGKTSAY	2334	>KIT-D496V-1 YNVVVGKTSAY	479	1855
>KIT-D496V-1 AYNDVGKTS/	198	>KIT-D496V-1 AYNVVGKTS/	432	234
>KIT-D496V-1 AYNDVGKTS/	62	>KIT-D496V-1 AYNVVGKTS/	78	16
>KIT-D496V-1 AYNDVGKTS/	167	>KIT-D496V-1 AYNVVGKTS/	238	71
>KIT-D496V-1 AYNDVGKTS/	907	>KIT-D496V-1 AYNVVGKTS/	271	636
>KIT-D496V-1 KAYNDVGKTS	604	>KIT-D496V-1 KAYNVVVGKTS	422	182
>KIT-D496V-1 KAYNDVGK	91	>KIT-D496V-1 KAYNVVVGK	37	54
>KIT-D496V-1 KAYNDVGK	79	>KIT-D496V-1 KAYNVVVGK	23	56
>KIT-D496V-1 KAYNDVGK	186	>KIT-D496V-1 KAYNVVVGK	39	147
>KIT-D496V-1 KAYNDVGK	858	>KIT-D496V-1 KAYNVVVGK	152	706
>KIT-D496V-1 KAYNDVGK	674	>KIT-D496V-1 KAYNVVVGK	171	503
>KIT-D496V-1 VECKAYNDV	225	>KIT-D496V-1 VECKAYNVV	179	46
>KIT-D496V-1 VECKAYNDV	844	>KIT-D496V-1 VECKAYNVV	308	536
>KIT-D496V-1 VECKAYNDV	1399	>KIT-D496V-1 VECKAYNVV	325	1074
>KIT-D496V-1 VECKAYNDV	221	>KIT-D496V-1 VECKAYNVV	240	19
>KIT-D496V-1 TVECKAYND	16396	>KIT-D496V-1 TVECKAYNV	32	16364
>KIT-D496V-1 TVECKAYND	21971	>KIT-D496V-1 TVECKAYNV	229	21742
>KIT-D496V-1 GTVECKAYN\	27334	>KIT-D496V-1 GTVECKAYN\	474	26860
>KIT-D496V-1 GTVECKAYN\	23123	>KIT-D496V-1 GTVECKAYN\	327	22796
>KIT-D496V-1 GTVECKAYN\	602	>KIT-D496V-1 GTVECKAYN\	281	321
>KIT-D496V-1 GTVECKAYN\	28283	>KIT-D496V-1 GTVECKAYN\	151	28132
>KIT-D496V-1 GTVECKAYN\	20161	>KIT-D496V-1 GTVECKAYN\	56	20105
>KIT-D496V-1 GTVECKAYN\	1009	>KIT-D496V-1 GTVECKAYN\	372	637
>KIT-D496V-1 GTVECKAYN\	26061	>KIT-D496V-1 GTVECKAYN\	357	25704
>KIT-D496V-1 GTVECKAYN\	36675	>KIT-D496V-1 GTVECKAYN\	454	36221
>KIT-D496V-1 GTVECKAYN\	25443	>KIT-D496V-1 GTVECKAYN\	64	25379
>KIT-D496V-1 GTVECKAYN\	585	>KIT-D496V-1 GTVECKAYN\	238	347
>KIT-D496V-1 GTVECKAYN\	2026	>KIT-D496V-1 GTVECKAYN\	240	1786
>KIT-D52N-w DEIRLLCTD	108	>KIT-D52N-r NEIRLLCTD	458	350
>KIT-D52N-w DEIRLLCT	2802	>KIT-D52N-r NEIRLLCT	198	2604
>KIT-D52N-w RVGDEIRL	330	>KIT-D52N-r RVGNEIRL	1831	1501
>KIT-D52N-w VRVGDEIRLL	259	>KIT-D52N-r VRVGNEIRLL	245	14
>KIT-D52N-w IVRVGDEI	609	>KIT-D52N-r IVRVGNEI	59	550
>KIT-D52N-w IVRVGDEIRL	1100	>KIT-D52N-r IVRVGNEIRL	262	838
>KIT-D52N-w IVRVGDEIRLL	401	>KIT-D52N-r IVRVGNEIRLL	171	230
>KIT-D52N-w IVRVGDEIR	468	>KIT-D52N-r IVRVGNEIR	190	278

>KIT-D52N-w IVRVGDEIR	983	>KIT-D52N-r IVRVGNEIR	481	502
>KIT-D52N-w IVRVGDEIRL	487	>KIT-D52N-r IVRVGNEIRL	343	144
>KIT-D52N-w IVRVGDEIRLL	623	>KIT-D52N-r IVRVGNEIRLL	309	314
>KIT-D52N-w LIVRVGDEI	462	>KIT-D52N-r LIVRVGNEI	461	1
>KIT-D52N-w LIVRVGDEI	330	>KIT-D52N-r LIVRVGNEI	559	229
>KIT-D52N-w LIVRVGDEIRL	225	>KIT-D52N-r LIVRVGNEIRL	147	78
>KIT-D52N-w LIVRVGDEIR	182	>KIT-D52N-r LIVRVGNEIR	146	36
>KIT-D52N-w DLIVRVGDEIF	112	>KIT-D52N-r DLIVRVGNEIF	75	37
>KIT-D52N-w DLIVRVGDEIF	201	>KIT-D52N-r DLIVRVGNEIF	139	62
>KIT-D52N-w SDLIVRVGDE	86	>KIT-D52N-r SDLIVRVGNE	99	13
>KIT-D52N-w SDLIVRVGDE	350	>KIT-D52N-r SDLIVRVGNE	456	106
>KIT-D52N-w SDLIVRVGDE	110	>KIT-D52N-r SDLIVRVGNE	167	57
>KIT-D572Y-\ DPTQLPYDH	289	>KIT-D572Y-r YPTQLPYDH	38	251
>KIT-D572Y-\ DPTQLPYDHf	1068	>KIT-D572Y-r YPTQLPYDHf	73	995
>KIT-D572Y-\ DPTQLPYDHf	46	>KIT-D572Y-r YPTQLPYDHf	10	36
>KIT-D572Y-\ DPTQLPYDHf	24	>KIT-D572Y-r YPTQLPYDHf	9	15
>KIT-D572Y-\ IDPTQLPY	1811	>KIT-D572Y-r IYPTQLPY	50	1761
>KIT-D572Y-\ IDPTQLPY	4935	>KIT-D572Y-r IYPTQLPY	402	4533
>KIT-D572Y-\ IDPTQLPY	6143	>KIT-D572Y-r IYPTQLPY	376	5767
>KIT-D572Y-\ IDPTQLPYDH	15244	>KIT-D572Y-r IYPTQLPYDHf	345	14899
>KIT-D572Y-\ EINGNNYVYII	21506	>KIT-D572Y-r EINGNNYVYI'	169	21337
>KIT-D572Y-\ EINGNNYVYII	21293	>KIT-D572Y-r EINGNNYVYI'	13	21280
>KIT-D572Y-\ EINGNNYVYII	24805	>KIT-D572Y-r EINGNNYVYI'	224	24581
>KIT-D572Y-\ EINGNNYVYII	28996	>KIT-D572Y-r EINGNNYVYI'	109	28887
>KIT-D572Y-\ EINGNNYVYII	17138	>KIT-D572Y-r EINGNNYVYI'	272	16866
>KIT-D572Y-\ EINGNNYVYII	23306	>KIT-D572Y-r EINGNNYVYI'	281	23025
>KIT-D572Y-\ EINGNNYVYII	31244	>KIT-D572Y-r EINGNNYVYI'	77	31167
>KIT-D572Y-\ YIDPTQLPY	10	>KIT-D572Y-r YIYPTQLPY	584	574
>KIT-D572Y-\ YIDPTQLPY	6022	>KIT-D572Y-r YIYPTQLPY	97	5925
>KIT-D572Y-\ YIDPTQLPY	1790	>KIT-D572Y-r YIYPTQLPY	81	1709
>KIT-D572Y-\ YIDPTQLPY	1048	>KIT-D572Y-r YIYPTQLPY	287	761
>KIT-D572Y-\ YIDPTQLPY	7897	>KIT-D572Y-r YIYPTQLPY	234	7663
>KIT-D572Y-\ YIDPTQLPY	21	>KIT-D572Y-r YIYPTQLPY	5	16
>KIT-D572Y-\ YIDPTQLPYDI	1438	>KIT-D572Y-r YIYPTQLPYDI	61	1377
>KIT-D572Y-\ YIDPTQLPY	1117	>KIT-D572Y-r YIYPTQLPY	311	806
>KIT-D572Y-\ YIDPTQLPY	11	>KIT-D572Y-r YIYPTQLPY	8	3
>KIT-D572Y-\ YIDPTQLPY	137	>KIT-D572Y-r YIYPTQLPY	28	109
>KIT-D572Y-\ YIDPTQLPY	240	>KIT-D572Y-r YIYPTQLPY	28	212
>KIT-D572Y-\ YIDPTQLPY	1209	>KIT-D572Y-r YIYPTQLPY	8	1201
>KIT-D572Y-\ YIDPTQLPY	42	>KIT-D572Y-r YIYPTQLPY	6	36
>KIT-D572Y-\ YIDPTQLPY	61	>KIT-D572Y-r YIYPTQLPY	21	40
>KIT-D572Y-\ YIDPTQLPY	5848	>KIT-D572Y-r YIYPTQLPY	251	5597
>KIT-D572Y-\ YIDPTQLPY	750	>KIT-D572Y-r YIYPTQLPY	83	667

>KIT-D572Y-\ YIDPTQLPY	3078	>KIT-D572Y-r YIYPTQLPY	492	2586
>KIT-D572Y-\ YIDPTQLPY	116	>KIT-D572Y-r YIYPTQLPY	34	82
>KIT-D572Y-\ YIDPTQLPY	56	>KIT-D572Y-r YIYPTQLPY	193	137
>KIT-D572Y-\ VYIDPTQL	1501	>KIT-D572Y-r VYIYPTQL	369	1132
>KIT-D572Y-\ VYIDPTQLPY	495	>KIT-D572Y-r VYIYPTQLPY	1363	868
>KIT-D572Y-\ VYIDPTQL	216	>KIT-D572Y-r VYIYPTQL	90	126
>KIT-D572Y-\ VYIDPTQL	694	>KIT-D572Y-r VYIYPTQL	300	394
>KIT-D572Y-\ VYIDPTQL	43	>KIT-D572Y-r VYIYPTQL	31	12
>KIT-D572Y-\ VYIDPTQLPY	319	>KIT-D572Y-r VYIYPTQLPY	237	82
>KIT-D572Y-\ VYIDPTQLPY	33	>KIT-D572Y-r VYIYPTQLPY	22	11
>KIT-D572Y-\ VYIDPTQLPY	64	>KIT-D572Y-r VYIYPTQLPY	39	25
>KIT-D572Y-\ VYIDPTQLPY	32	>KIT-D572Y-r VYIYPTQLPY	22	10
>KIT-D572Y-\ VYIDPTQLPY	837	>KIT-D572Y-r VYIYPTQLPY	298	539
>KIT-D572Y-\ YVYIDPTQL	2494	>KIT-D572Y-r YVYIYPTQL	73	2421
>KIT-D572Y-\ YVYIDPTQL	193	>KIT-D572Y-r YVYIYPTQL	32	161
>KIT-D572Y-\ YVYIDPTQL	135	>KIT-D572Y-r YVYIYPTQL	30	105
>KIT-D572Y-\ YVYIDPTQL	24	>KIT-D572Y-r YVYIYPTQL	12	12
>KIT-D572Y-\ YVYIDPTQL	261	>KIT-D572Y-r YVYIYPTQL	130	131
>KIT-D572Y-\ YVYIDPTQ	1481	>KIT-D572Y-r YVYIYPTQ	456	1025
>KIT-D572Y-\ YVYIDPTQL	18	>KIT-D572Y-r YVYIYPTQL	5	13
>KIT-D572Y-\ YVYIDPTQL	71	>KIT-D572Y-r YVYIYPTQL	57	14
>KIT-D572Y-\ YVYIDPTQ	673	>KIT-D572Y-r YVYIYPTQ	336	337
>KIT-D572Y-\ YVYIDPTQL	16	>KIT-D572Y-r YVYIYPTQL	9	7
>KIT-D572Y-\ YVYIDPTQLPY	492	>KIT-D572Y-r YVYIYPTQLPY	197	295
>KIT-D572Y-\ YVYIDPTQLPY	330	>KIT-D572Y-r YVYIYPTQLPY	144	186
>KIT-D572Y-\ YVYIDPTQLPY	387	>KIT-D572Y-r YVYIYPTQLPY	185	202
>KIT-D572Y-\ YVYIDPTQLPY	91	>KIT-D572Y-r YVYIYPTQLPY	132	41
>KIT-D572Y-\ YVYIDPTQLPY	6	>KIT-D572Y-r YVYIYPTQLPY	5	1
>KIT-D572Y-\ YVYIDPTQLPY	451	>KIT-D572Y-r YVYIYPTQLPY	304	147
>KIT-D572Y-\ YVYIDPTQL	162	>KIT-D572Y-r YVYIYPTQL	36	126
>KIT-D572Y-\ YVYIDPTQLPY	16	>KIT-D572Y-r YVYIYPTQLPY	9	7
>KIT-D572Y-\ YVYIDPTQLPY	63	>KIT-D572Y-r YVYIYPTQLPY	53	10
>KIT-D572Y-\ YVYIDPTQLPY	73	>KIT-D572Y-r YVYIYPTQLPY	72	1
>KIT-D572Y-\ YVYIDPTQL	1334	>KIT-D572Y-r YVYIYPTQL	465	869
>KIT-D572Y-\ YVYIDPTQLPY	53	>KIT-D572Y-r YVYIYPTQLPY	23	30
>KIT-D572Y-\ YVYIDPTQL	27	>KIT-D572Y-r YVYIYPTQL	8	19
>KIT-D572Y-\ YVYIDPTQLPY	7	>KIT-D572Y-r YVYIYPTQLPY	4	3
>KIT-D572Y-\ YVYIDPTQLPY	17	>KIT-D572Y-r YVYIYPTQLPY	16	1
>KIT-D572Y-\ YVYIDPTQL	423	>KIT-D572Y-r YVYIYPTQL	174	249
>KIT-D572Y-\ YVYIDPTQLPY	301	>KIT-D572Y-r YVYIYPTQLPY	165	136
>KIT-D572Y-\ YVYIDPTQLPY	645	>KIT-D572Y-r YVYIYPTQLPY	269	376
>KIT-D572Y-\ NYVYIDPTQL	150	>KIT-D572Y-r NYVYIYPTQL	208	58
>KIT-D572Y-\ NYVYIDPTQL	825	>KIT-D572Y-r NYVYIYPTQL	332	493

>KIT-D572Y-\ NYVYIDPTQL	163	>KIT-D572Y-r NYVYIYPTQL	55	108
>KIT-D572Y-\ NNYVYIDPTC	602	>KIT-D572Y-r NNYVYIYPTQ	167	435
>KIT-D572Y-\ GNNYVYID	26502	>KIT-D572Y-r GNNYVYIY	331	26171
>KIT-D572Y-\ GNNYVYID	34350	>KIT-D572Y-r GNNYVYIY	255	34095
>KIT-D572Y-\ NGNNYVYID	32049	>KIT-D572Y-r NGNNYVYIY	129	31920
>KIT-D572Y-\ NGNNYVYID	23219	>KIT-D572Y-r NGNNYVYIY	382	22837
>KIT-D572Y-\ NGNNYVYID	36960	>KIT-D572Y-r NGNNYVYIY	129	36831
>KIT-D572Y-\ INGNNYVYID	30720	>KIT-D572Y-r INGNNYVYIY	446	30274
>KIT-D579E-\ DHKWEFPR	218	>KIT-D579E-r EHKWEFPR	681	463
>KIT-D579E-\ DHKWEFPR	951	>KIT-D579E-r EHKWEFPR	214	737
>KIT-D579E-\ DHKWEFPR	346	>KIT-D579E-r EHKWEFPR	95	251
>KIT-D579E-\ DHKWEFPRN	1244	>KIT-D579E-r EHKWEFPRN	331	913
>KIT-D579E-\ YDHKWEFPR	9735	>KIT-D579E-r YEHKWEFPR	176	9559
>KIT-D579E-\ YDHKWEFPR	183	>KIT-D579E-r YEHKWEFPR	66	117
>KIT-D579E-\ YDHKWEFPR	658	>KIT-D579E-r YEHKWEFPRI	223	435
>KIT-D579E-\ PYDHKWEF	147	>KIT-D579E-r PYEHKWEF	58	89
>KIT-D579E-\ PYDHKWEF	444	>KIT-D579E-r PYEHKWEF	316	128
>KIT-D579E-\ PYDHKWEF	61	>KIT-D579E-r PYEHKWEF	46	15
>KIT-D579E-\ PYDHKWEFPI	67	>KIT-D579E-r PYEHKWEFPI	34	33
>KIT-D579E-\ LPYDHKWEFI	169	>KIT-D579E-r LPYEHKWEFF	211	42
>KIT-D579E-\ LPYDHKWEFI	170	>KIT-D579E-r LPYEHKWEFF	163	7
>KIT-D579E-\ LPYDHKWEFI	359	>KIT-D579E-r LPYEHKWEFF	485	126
>KIT-D579E-\ LPYDHKWEF	175	>KIT-D579E-r LPYEHKWEF	219	44
>KIT-D579E-\ LPYDHKWEF	1030	>KIT-D579E-r LPYEHKWEF	288	742
>KIT-D579E-\ LPYDHKWEF	272	>KIT-D579E-r LPYEHKWEF	225	47
>KIT-D579E-\ LPYDHKWEF	162	>KIT-D579E-r LPYEHKWEF	62	100
>KIT-D579E-\ LPYDHKWEF	11	>KIT-D579E-r LPYEHKWEF	9	2
>KIT-D579E-\ LPYDHKWEFI	212	>KIT-D579E-r LPYEHKWEFF	175	37
>KIT-D579E-\ LPYDHKWEF	471	>KIT-D579E-r LPYEHKWEF	531	60
>KIT-D579E-\ LPYDHKWEF	18	>KIT-D579E-r LPYEHKWEF	15	3
>KIT-D579E-\ LPYDHKWEFI	124	>KIT-D579E-r LPYEHKWEFF	156	32
>KIT-D579E-\ LPYDHKWEF	67	>KIT-D579E-r LPYEHKWEF	23	44
>KIT-D579E-\ LPYDHKWEF	11	>KIT-D579E-r LPYEHKWEF	10	1
>KIT-D579E-\ LPYDHKWEFI	96	>KIT-D579E-r LPYEHKWEFF	155	59
>KIT-D579E-\ QLPYDHKWE	446	>KIT-D579E-r QLPYEHKWEI	314	132
>KIT-D579E-\ TQLPYDHKW	34	>KIT-D579E-r TQLPYEHKW	42	8
>KIT-D579E-\ TQLPYDHK	118	>KIT-D579E-r TQLPYEHK	101	17
>KIT-D579E-\ TQLPYDHKW	67	>KIT-D579E-r TQLPYEHKW	85	18
>KIT-D579E-\ TQLPYDHKW	176	>KIT-D579E-r TQLPYEHKW	132	44
>KIT-D579E-\ TQLPYDHKW	23	>KIT-D579E-r TQLPYEHKW	17	6
>KIT-D579E-\ TQLPYDHKW	306	>KIT-D579E-r TQLPYEHKW	528	222
>KIT-D579E-\ TQLPYDHKW	199	>KIT-D579E-r TQLPYEHKW	283	84
>KIT-D579E-\ TQLPYDHKW	186	>KIT-D579E-r TQLPYEHKW	172	14

>KIT-D579E-\ TQLPYDHKW	129	>KIT-D579E-r TQLPYEHKW	253	124
>KIT-D579E-\ TQLPYDHKW	123	>KIT-D579E-r TQLPYEHKW	409	286
>KIT-D579E-\ PTQLPYDHKV	396	>KIT-D579E-r PTQLPYEHKV	415	19
>KIT-D579E-\ DPTQLPYDH	289	>KIT-D579E-r DPTQLPYEH	91	198
>KIT-D579E-\ DPTQLPYDH	46	>KIT-D579E-r DPTQLPYEHK	53	7
>KIT-D579E-\ DPTQLPYDH	24	>KIT-D579E-r DPTQLPYEHK	26	2
>KIT-D696G-\ DHAEAAALY	416	>KIT-D696G-\ GHAEAAALY	73	343
>KIT-D696G-\ QEDHAEAA	380	>KIT-D696G-\ QEGHAEAA	1594	1214
>KIT-D696G-\ QEDHAEAAAL	384	>KIT-D696G-\ QEGHAEAAAL	6932	6548
>KIT-D696G-\ QEDHAEAAAL	19	>KIT-D696G-\ QEGHAEAAAL	102	83
>KIT-D696G-\ QEDHAEAAAL`	49	>KIT-D696G-\ QEGHAEAAAL`	194	145
>KIT-D696G-\ QEDHAEAAAL`	121	>KIT-D696G-\ QEGHAEAAAL`	143	22
>KIT-D696G-\ QEDHAEAA	129	>KIT-D696G-\ QEGHAEAA	19	110
>KIT-D696G-\ KQEDHAEA	99	>KIT-D696G-\ KQEGHAEA	192	93
>KIT-D696G-\ KQEDHAEAA	49	>KIT-D696G-\ KQEGHAEAA	113	64
>KIT-D696G-\ KQEDHAEAA	260	>KIT-D696G-\ KQEGHAEAA	270	10
>KIT-D696G-\ KQEDHAEAA	334	>KIT-D696G-\ KQEGHAEAA	410	76
>KIT-D696G-\ KQEDHAEAA	497	>KIT-D696G-\ KQEGHAEAA	934	437
>KIT-D696G-\ KQEDHAEAA	418	>KIT-D696G-\ KQEGHAEAA	769	351
>KIT-D696G-\ KQEDHAEAA	121	>KIT-D696G-\ KQEGHAEAA	83	38
>KIT-D696G-\ KQEDHAEAA	245	>KIT-D696G-\ KQEGHAEAA	190	55
>KIT-D696G-\ KQEDHAEAA	912	>KIT-D696G-\ KQEGHAEAA	222	690
>KIT-D696G-\ SKQEDHAEA/	168	>KIT-D696G-\ SKQEGHAEA/	170	2
>KIT-D696G-\ SKQEDHAEA/	160	>KIT-D696G-\ SKQEGHAEA/	82	78
>KIT-D716N-\ DSTNEYMDM	604	>KIT-D716N-\ NSTNEYMDM	160	444
>KIT-D716N-\ DSTNEYMDM	255	>KIT-D716N-\ NSTNEYMDM	137	118
>KIT-D716N-\ CSDSTNEY	5	>KIT-D716N-\ CSNSTNEY	21	16
>KIT-D716N-\ CSDSTNEYM	195	>KIT-D716N-\ CSNSTNEYM	8191	7996
>KIT-D716N-\ CSDSTNEY	155	>KIT-D716N-\ CSNSTNEY	28	127
>KIT-D716N-\ CSDSTNEY	3187	>KIT-D716N-\ CSNSTNEY	134	3053
>KIT-D716N-\ CSDSTNEYMI	5949	>KIT-D716N-\ CSNSTNEYMI	362	5587
>KIT-D716N-\ CSDSTNEY	390	>KIT-D716N-\ CSNSTNEY	177	213
>KIT-D716N-\ CSDSTNEY	777	>KIT-D716N-\ CSNSTNEY	488	289
>KIT-D716N-\ CSDSTNEY	1922	>KIT-D716N-\ CSNSTNEY	303	1619
>KIT-D716N-\ CSDSTNEYM	305	>KIT-D716N-\ CSNSTNEYM	56	249
>KIT-D716N-\ CSDSTNEY	64	>KIT-D716N-\ CSNSTNEY	87	23
>KIT-D716N-\ CSDSTNEYM	337	>KIT-D716N-\ CSNSTNEYM	164	173
>KIT-D716N-\ CSDSTNEY	174	>KIT-D716N-\ CSNSTNEY	384	210
>KIT-D716N-\ SCSDSTNEY	222	>KIT-D716N-\ SCSNSTNEY	166	56
>KIT-D716N-\ SCSDSTNEY	492	>KIT-D716N-\ SCSNSTNEY	280	212
>KIT-D716N-\ SCSDSTNEY	476	>KIT-D716N-\ SCSNSTNEY	711	235
>KIT-D716N-\ SCSDSTNEY	234	>KIT-D716N-\ SCSNSTNEY	108	126
>KIT-D716N-\ SCSDSTNEYM	275	>KIT-D716N-\ SCSNSTNEYM	349	74

>KIT-D716N- SCSDSTNEY	124	>KIT-D716N- SCSNSTNEY	116	8
>KIT-D716N- SSCSDSTNEY	3635	>KIT-D716N- SSCSNSTNEY	284	3351
>KIT-D716N- SSCSDSTNEY	214	>KIT-D716N- SSCSNSTNEY	168	46
>KIT-D716N- SSCSDSTNEY	209	>KIT-D716N- SSCSNSTNEY	152	57
>KIT-D716N- SSCSDSTNEY	122	>KIT-D716N- SSCSNSTNEY	183	61
>KIT-D716N- SSCSDSTNEY	154	>KIT-D716N- SSCSNSTNEY	236	82
>KIT-D716N- SSCSDSTNEY	341	>KIT-D716N- SSCSNSTNEY	233	108
>KIT-D716N- SSCSDSTNEY	121	>KIT-D716N- SSCSNSTNEY	99	22
>KIT-D716N- SSCSDSTNEY	188	>KIT-D716N- SSCSNSTNEY	95	93
>KIT-D716N- SSCSDSTNEY	31	>KIT-D716N- SSCSNSTNEY	15	16
>KIT-D716N- SSCSDSTNEY	255	>KIT-D716N- SSCSNSTNEY	108	147
>KIT-D716N- SSCSDSTNEY	95	>KIT-D716N- SSCSNSTNEY	50	45
>KIT-D716N- SSCSDSTNEY	31	>KIT-D716N- SSCSNSTNEY	40	9
>KIT-D716N- SSCSDSTNEY	318	>KIT-D716N- SSCSNSTNEY	314	4
>KIT-D716N- ESSCSDSTNE'	206	>KIT-D716N- ESSCSNSTNE'	125	81
>KIT-D716N- ESSCSDSTNE'	59	>KIT-D716N- ESSCSNSTNE'	64	5
>KIT-D716N- ESSCSDSTNE'	186	>KIT-D716N- ESSCSNSTNE'	118	68
>KIT-D716N- ESSCSDSTNE'	364	>KIT-D716N- ESSCSNSTNE'	307	57
>KIT-D716N- ESSCSDSTNE'	97	>KIT-D716N- ESSCSNSTNE'	81	16
>KIT-D716N- ESSCSDSTNE'	440	>KIT-D716N- ESSCSNSTNE'	393	47
>KIT-D716N- ESSCSDSTNE'	315	>KIT-D716N- ESSCSNSTNE'	126	189
>KIT-D716N- ESSCSDSTNE'	36	>KIT-D716N- ESSCSNSTNE'	43	7
>KIT-D716N- ESSCSDSTNE'	28	>KIT-D716N- ESSCSNSTNE'	43	15
>KIT-D716N- ESSCSDSTNE'	209	>KIT-D716N- ESSCSNSTNE'	108	101
>KIT-D716N- KESSCSDST	224	>KIT-D716N- KESSCSNST	195	29
>KIT-D716N- KESSCSDSTN	556	>KIT-D716N- KESSCSNSTN	474	82
>KIT-D716N- KESSCSDST	412	>KIT-D716N- KESSCSNST	506	94
>KIT-D716N- HSKESSCSD	276	>KIT-D716N- HSKESSCSN	82	194
>KIT-D716N- HSKESSCSDS	635	>KIT-D716N- HSKESSCSNS	141	494
>KIT-D716N- HSKESSCSDS'	606	>KIT-D716N- HSKESSCSNS'	97	509
>KIT-D737N- DKRRSVRI	942	>KIT-D737N- NKRRSVRI	188	754
>KIT-D737N- DKRRSVRIGS'	98	>KIT-D737N- NKRRSVRIGS'	20	78
>KIT-D737N- ADKRRSVRI	3248	>KIT-D737N- ANKRRSVRI	267	2981
>KIT-D737N- ADKRRSVR	2025	>KIT-D737N- ANKRRSVR	169	1856
>KIT-D737N- ADKRRSVRI	1098	>KIT-D737N- ANKRRSVRI	222	876
>KIT-D737N- ADKRRSVRI	180	>KIT-D737N- ANKRRSVRI	4580	4400
>KIT-D737N- ADKRRSVRI	401	>KIT-D737N- ANKRRSVRI	12160	11759
>KIT-D737N- KADKRRSV	7664	>KIT-D737N- KANKRRSV	163	7501
>KIT-D737N- KADKRRSVR	9781	>KIT-D737N- KANKRRSVR	435	9346
>KIT-D737N- KADKRRSVRI	6018	>KIT-D737N- KANKRRSVRI	108	5910
>KIT-D737N- KADKRRSVR	52	>KIT-D737N- KANKRRSVR	7	45
>KIT-D737N- PTKADKRRSV	1482	>KIT-D737N- PTKANKRRSV	437	1045
>KIT-D737N- PTKADKRRSV	591	>KIT-D737N- PTKANKRRSV	305	286

>KIT-D737N-VPTKADKRRS	359	>KIT-D737N-VPTKANKRRS	368	9
>KIT-D737N-VPTKADKRRS	73	>KIT-D737N-VPTKANKRRS	46	27
>KIT-D737N-VVPTKADK	1679	>KIT-D737N-VVPTKANK	453	1226
>KIT-D737N-YVVPTKADK	909	>KIT-D737N-YVVPTKANK	164	745
>KIT-D737N-YVVPTKADK	2024	>KIT-D737N-YVVPTKANK	400	1624
>KIT-D737N-YVVPTKADKF	1663	>KIT-D737N-YVVPTKANKF	471	1192
>KIT-D737N-YVVPTKADKF	774	>KIT-D737N-YVVPTKANKF	409	365
>KIT-D737N-YVVPTKADK	54	>KIT-D737N-YVVPTKANK	22	32
>KIT-D737N-YVVPTKADKF	37	>KIT-D737N-YVVPTKANKF	29	8
>KIT-D737N-YVVPTKADKF	25	>KIT-D737N-YVVPTKANKF	18	7
>KIT-D737N-YVVPTKADKF	532	>KIT-D737N-YVVPTKANKF	351	181
>KIT-D737N-SYVVPTKADK	1038	>KIT-D737N-SYVVPTKANK	224	814
>KIT-D737N-SYVVPTKADK	716	>KIT-D737N-SYVVPTKANK	268	448
>KIT-D737N-SYVVPTKADK	109	>KIT-D737N-SYVVPTKANK	72	37
>KIT-D737N-VSYVVPTKAD	73	>KIT-D737N-VSYVVPTKAN	41	32
>KIT-D737N-VSYVVPTKAD	43	>KIT-D737N-VSYVVPTKAN	18	25
>KIT-D737N-VSYVVPTKAD	1615	>KIT-D737N-VSYVVPTKAN	414	1201
>KIT-D737N-VSYVVPTKAD	1276	>KIT-D737N-VSYVVPTKAN	151	1125
>KIT-D737N-VSYVVPTKAD	273	>KIT-D737N-VSYVVPTKAN	145	128
>KIT-D816A-DIKNDSNYV	7625	>KIT-D816A-AIKNDSNYV	114	7511
>KIT-D816A-DIKNDSNYVV	2092	>KIT-D816A-AIKNDSNYVV	208	1884
>KIT-D816A-DIKNDSNYV	2810	>KIT-D816A-AIKNDSNYV	14	2796
>KIT-D816A-DIKNDSNYVV	2580	>KIT-D816A-AIKNDSNYVV	371	2209
>KIT-D816A-DIKNDSNYV	12805	>KIT-D816A-AIKNDSNYV	287	12518
>KIT-D816A-DIKNDSNYV	6065	>KIT-D816A-AIKNDSNYV	247	5818
>KIT-D816A-DIKNDSNYV	5214	>KIT-D816A-AIKNDSNYV	207	5007
>KIT-D816A-DIKNDSNYVV	4961	>KIT-D816A-AIKNDSNYVV	257	4704
>KIT-D816A-DIKNDSNYV	1669	>KIT-D816A-AIKNDSNYV	14	1655
>KIT-D816A-DIKNDSNYVV	2247	>KIT-D816A-AIKNDSNYVV	23	2224
>KIT-D816A-DIKNDSNYVV	9824	>KIT-D816A-AIKNDSNYVV	432	9392
>KIT-D816A-DIKNDSNYVV	7322	>KIT-D816A-AIKNDSNYVV	200	7122
>KIT-D816A-DIKNDSNY	198	>KIT-D816A-AIKNDSNY	5624	5426
>KIT-D816A-DIKNDSNY	243	>KIT-D816A-AIKNDSNY	660	417
>KIT-D816A-DIKNDSNYV	9073	>KIT-D816A-AIKNDSNYV	95	8978
>KIT-D816A-DIKNDSNYVV	12054	>KIT-D816A-AIKNDSNYVV	327	11727
>KIT-D816A-DIKNDSNYVV	1554	>KIT-D816A-AIKNDSNYVV	11	1543
>KIT-D816A-DIKNDSNY	462	>KIT-D816A-AIKNDSNY	70	392
>KIT-D816A-DIKNDSNYVV	291	>KIT-D816A-AIKNDSNYVV	3844	3553
>KIT-D816A-DIKNDSNY	5119	>KIT-D816A-AIKNDSNY	157	4962
>KIT-D816A-DIKNDSNY	694	>KIT-D816A-AIKNDSNY	475	219
>KIT-D816A-RDIKNDSNYV	4317	>KIT-D816A-RAIKNDSNYV	184	4133
>KIT-D816A-RDIKNDSNYV	19927	>KIT-D816A-RAIKNDSNYV	190	19737
>KIT-D816A-RDIKNDSNYV	9423	>KIT-D816A-RAIKNDSNYV	291	9132

>KIT-D816A-1 RDIKNDSDNY	8062	>KIT-D816A-1 RAIKNDSDNY	372	7690
>KIT-D816A-1 RDIKNDSDNY	1664	>KIT-D816A-1 RAIKNDSDNY	121	1543
>KIT-D816A-1 RDIKNDSDNY	3689	>KIT-D816A-1 RAIKNDSDNY	151	3538
>KIT-D816A-1 RDIKNDSDNY	924	>KIT-D816A-1 RAIKNDSDNY	72	852
>KIT-D816A-1 RDIKNDSDNYV	4826	>KIT-D816A-1 RAIKNDSDNYV	494	4332
>KIT-D816A-1 RDIKNDSDNY	2850	>KIT-D816A-1 RAIKNDSDNY	5	2845
>KIT-D816A-1 RDIKNDSDNY	6815	>KIT-D816A-1 RAIKNDSDNY	196	6619
>KIT-D816A-1 RDIKNDSDNYV	394	>KIT-D816A-1 RAIKNDSDNYV	25698	25304
>KIT-D816A-1 RDIKNDSDNY	19658	>KIT-D816A-1 RAIKNDSDNY	117	19541
>KIT-D816A-1 RDIKNDSDNY	1575	>KIT-D816A-1 RAIKNDSDNY	302	1273
>KIT-D816A-1 RDIKNDSDNYV	299	>KIT-D816A-1 RAIKNDSDNYV	31534	31235
>KIT-D816A-1 RDIKNDSDNYV	87	>KIT-D816A-1 RAIKNDSDNYV	26678	26591
>KIT-D816A-1 ARDIKNDSDNY	420	>KIT-D816A-1 ARAIKNDSDNY	275	145
>KIT-D816A-1 ARDIKNDSDNY	2527	>KIT-D816A-1 ARAIKNDSDNY	362	2165
>KIT-D816A-1 ARDIKNDSDNY	200	>KIT-D816A-1 ARAIKNDSDNY	109	91
>KIT-D816A-1 LARDIKNDSDN	241	>KIT-D816A-1 LARAIKNDSDN	259	18
>KIT-D816A-1 LARDIKNDSDN	387	>KIT-D816A-1 LARAIKNDSDN	311	76
>KIT-D816A-1 LARDIKNDSDN	317	>KIT-D816A-1 LARAIKNDSDN	182	135
>KIT-D816A-1 LARDIKNDSDN	30	>KIT-D816A-1 LARAIKNDSDN	35	5
>KIT-D816A-1 LARDIKNDSDN	176	>KIT-D816A-1 LARAIKNDSDN	194	18
>KIT-D816A-1 LARDIKNDSDN	46	>KIT-D816A-1 LARAIKNDSDN	67	21
>KIT-D816A-1 DFGLARDIK	2833	>KIT-D816A-1 DFGLARAIK	310	2523
>KIT-D816A-1 CDFGLARDI	2057	>KIT-D816A-1 CDFGLARAI	320	1737
>KIT-D816A-1 CDFGLARDI	84	>KIT-D816A-1 CDFGLARAI	61	23
>KIT-D816A-1 KICDFGLARD	15591	>KIT-D816A-1 KICDFGLARA	418	15173
>KIT-D816A-1 KICDFGLARD	13579	>KIT-D816A-1 KICDFGLARA	117	13462
>KIT-D816A-1 KICDFGLARD	17356	>KIT-D816A-1 KICDFGLARA	331	17025
>KIT-D816A-1 KICDFGLARD	1817	>KIT-D816A-1 KICDFGLARA	335	1482
>KIT-D816A-1 KICDFGLARD	16074	>KIT-D816A-1 KICDFGLARA	179	15895
>KIT-D816A-1 KICDFGLARD	997	>KIT-D816A-1 KICDFGLARA	150	847
>KIT-D816A-1 KICDFGLARD	25897	>KIT-D816A-1 KICDFGLARA	286	25611
>KIT-D816A-1 KICDFGLARD	109	>KIT-D816A-1 KICDFGLARA	30	79
>KIT-D816E-1 DIKNDSDNY	198	>KIT-D816E-1 EIKNDSDNY	44	154
>KIT-D816E-1 DIKNDSDNY	243	>KIT-D816E-1 EIKNDSDNY	43	200
>KIT-D816E-1 DIKNDSDNY	462	>KIT-D816E-1 EIKNDSDNY	474	12
>KIT-D816E-1 DIKNDSDNYVV	291	>KIT-D816E-1 EIKNDSDNYVV	69	222
>KIT-D816E-1 DIKNDSDNYV	512	>KIT-D816E-1 EIKNDSDNYV	75	437
>KIT-D816E-1 DIKNDSDNYVV	1341	>KIT-D816E-1 EIKNDSDNYVV	228	1113
>KIT-D816E-1 DIKNDSDNYV	677	>KIT-D816E-1 EIKNDSDNYV	115	562
>KIT-D816E-1 DIKNDSDNYVV	1847	>KIT-D816E-1 EIKNDSDNYVV	492	1355
>KIT-D816E-1 RDIKNDSDNY	3689	>KIT-D816E-1 REIKNDSDNY	300	3389
>KIT-D816E-1 RDIKNDSDNY	924	>KIT-D816E-1 REIKNDSDNY	93	831
>KIT-D816E-1 RDIKNDSDNYV	11510	>KIT-D816E-1 REIKNDSDNYV	31	11479



>KIT-D816E-\ RDIKNSNYV	19185	>KIT-D816E-r REIKNSNYV	180	19005
>KIT-D816E-\ RDIKNSNYV	394	>KIT-D816E-r REIKNSNYV	48	346
>KIT-D816E-\ RDIKNSNY	8886	>KIT-D816E-r REIKNSNY	120	8766
>KIT-D816E-\ RDIKNSNYV	19056	>KIT-D816E-r REIKNSNYV	151	18905
>KIT-D816E-\ RDIKNSNYV	8885	>KIT-D816E-r REIKNSNYV	107	8778
>KIT-D816E-\ RDIKNSNYV	709	>KIT-D816E-r REIKNSNYV	11	698
>KIT-D816E-\ RDIKNSNYV	299	>KIT-D816E-r REIKNSNYV	11733	11434
>KIT-D816E-\ RDIKNSNYV	87	>KIT-D816E-r REIKNSNYV	4074	3987
>KIT-D816E-\ ARDIKNSNY	420	>KIT-D816E-r AREIKNSNY	411	9
>KIT-D816E-\ ARDIKNSNY	200	>KIT-D816E-r AREIKNSNY	241	41
>KIT-D816E-\ LARDIKNSN	241	>KIT-D816E-r LAREIKNSN	342	101
>KIT-D816E-\ LARDIKNSN	387	>KIT-D816E-r LAREIKNSN	506	119
>KIT-D816E-\ LARDIKNSN	317	>KIT-D816E-r LAREIKNSN	260	57
>KIT-D816E-\ LARDIKNSN	30	>KIT-D816E-r LAREIKNSN	31	1
>KIT-D816E-\ LARDIKNSN	176	>KIT-D816E-r LAREIKNSN	126	50
>KIT-D816E-\ LARDIKNSN	46	>KIT-D816E-r LAREIKNSN	115	69
>KIT-D816E-\ CDFGLARDI	970	>KIT-D816E-r CDFGLAREI	371	599
>KIT-D816E-\ CDFGLARDI	84	>KIT-D816E-r CDFGLAREI	62	22
>KIT-D816E-\ KICDFGLARD	997	>KIT-D816E-r KICDFGLAREI	139	858
>KIT-D816E-\ KICDFGLARD	109	>KIT-D816E-r KICDFGLAREI	91	18
>KIT-D816F-\ DIKNSNYV	17179	>KIT-D816F-r FIKNSNYV	168	17011
>KIT-D816F-\ DIKNSNYVV	8154	>KIT-D816F-r FIKNSNYVV	117	8037
>KIT-D816F-\ DIKNSNYV	7625	>KIT-D816F-r FIKNSNYV	7	7618
>KIT-D816F-\ DIKNSNYVV	2092	>KIT-D816F-r FIKNSNYVV	28	2064
>KIT-D816F-\ DIKNSNYV	2810	>KIT-D816F-r FIKNSNYV	3	2807
>KIT-D816F-\ DIKNSNYVV	2580	>KIT-D816F-r FIKNSNYVV	58	2522
>KIT-D816F-\ DIKNSNYV	12805	>KIT-D816F-r FIKNSNYV	16	12789
>KIT-D816F-\ DIKNSNYVV	6294	>KIT-D816F-r FIKNSNYVV	69	6225
>KIT-D816F-\ DIKNSNYV	6065	>KIT-D816F-r FIKNSNYV	26	6039
>KIT-D816F-\ DIKNSNYVV	7988	>KIT-D816F-r FIKNSNYVV	55	7933
>KIT-D816F-\ DIKNSNYV	5214	>KIT-D816F-r FIKNSNYV	16	5198
>KIT-D816F-\ DIKNSNYVV	4961	>KIT-D816F-r FIKNSNYVV	24	4937
>KIT-D816F-\ DIKNSNYV	9068	>KIT-D816F-r FIKNSNYV	101	8967
>KIT-D816F-\ DIKNSNYVV	12893	>KIT-D816F-r FIKNSNYVV	348	12545
>KIT-D816F-\ DIKNSNYV	6580	>KIT-D816F-r FIKNSNYV	111	6469
>KIT-D816F-\ DIKNSNYVV	8376	>KIT-D816F-r FIKNSNYVV	305	8071
>KIT-D816F-\ DIKNSNYV	1669	>KIT-D816F-r FIKNSNYV	4	1665
>KIT-D816F-\ DIKNSNYVV	2247	>KIT-D816F-r FIKNSNYVV	6	2241
>KIT-D816F-\ DIKNSNY	198	>KIT-D816F-r FIKNSNY	211	13
>KIT-D816F-\ DIKNSNY	243	>KIT-D816F-r FIKNSNY	773	530
>KIT-D816F-\ DIKNSNY	3414	>KIT-D816F-r FIKNSNY	204	3210
>KIT-D816F-\ DIKNSNYVV	1554	>KIT-D816F-r FIKNSNYVV	483	1071
>KIT-D816F-\ DIKNSNY	462	>KIT-D816F-r FIKNSNY	222	240

>KIT-D816F-ν DIKNDSNYVV	291	>KIT-D816F-r FIKNDSNYVV	210	81
>KIT-D816F-ν DIKNDSNYV	512	>KIT-D816F-r FIKNDSNYV	166	346
>KIT-D816F-ν DIKNDSNYVV	1341	>KIT-D816F-r FIKNDSNYVV	397	944
>KIT-D816F-ν DIKNDSNYV	677	>KIT-D816F-r FIKNDSNYV	444	233
>KIT-D816F-ν DIKNDSNY	5119	>KIT-D816F-r FIKNDSNY	98	5021
>KIT-D816F-ν DIKNDSNY	694	>KIT-D816F-r FIKNDSNY	62	632
>KIT-D816F-ν DIKNDSNY	6201	>KIT-D816F-r FIKNDSNY	219	5982
>KIT-D816F-ν RDIKNDSNYV	19755	>KIT-D816F-r RFIKNDSNYV	310	19445
>KIT-D816F-ν RDIKNDSNY	5328	>KIT-D816F-r RFIKNDSNY	71	5257
>KIT-D816F-ν RDIKNDSNY	1664	>KIT-D816F-r RFIKNDSNY	173	1491
>KIT-D816F-ν RDIKNDSNY	3277	>KIT-D816F-r RFIKNDSNY	190	3087
>KIT-D816F-ν RDIKNDSNY	6909	>KIT-D816F-r RFIKNDSNY	471	6438
>KIT-D816F-ν RDIKNDSNYV	394	>KIT-D816F-r RFIKNDSNYV	19621	19227
>KIT-D816F-ν RDIKNDSNYV	17403	>KIT-D816F-r RFIKNDSNYV	67	17336
>KIT-D816F-ν RDIKNDSNYV	299	>KIT-D816F-r RFIKNDSNYV	26017	25718
>KIT-D816F-ν RDIKNDSNYV	87	>KIT-D816F-r RFIKNDSNYV	19228	19141
>KIT-D816F-ν TKICDFGLARI	30785	>KIT-D816F-r TKICDFGLARI	304	30481
>KIT-D816F-ν TKICDFGLARI	22813	>KIT-D816F-r TKICDFGLARI	38	22775
>KIT-D816F-ν ARDIKNDSNY	420	>KIT-D816F-r ARFIKNDSNY	87	333
>KIT-D816F-ν ARDIKNDSNY	2527	>KIT-D816F-r ARFIKNDSNY	62	2465
>KIT-D816F-ν ARDIKNDSNY	10209	>KIT-D816F-r ARFIKNDSNY	449	9760
>KIT-D816F-ν ARDIKNDSNY	200	>KIT-D816F-r ARFIKNDSNY	36	164
>KIT-D816F-ν LARDIKNDSN	241	>KIT-D816F-r LARFIKNDSN'	159	82
>KIT-D816F-ν LARDIKNDSN	387	>KIT-D816F-r LARFIKNDSN'	558	171
>KIT-D816F-ν LARDIKNDSN	317	>KIT-D816F-r LARFIKNDSN'	372	55
>KIT-D816F-ν LARDIKNDSN	30	>KIT-D816F-r LARFIKNDSN'	48	18
>KIT-D816F-ν LARDIKNDSN	176	>KIT-D816F-r LARFIKNDSN'	275	99
>KIT-D816F-ν LARDIKNDSN	46	>KIT-D816F-r LARFIKNDSN'	39	7
>KIT-D816F-ν DFGLARDIK	2833	>KIT-D816F-r DFGLARFIK	150	2683
>KIT-D816F-ν CDFGLARDI	970	>KIT-D816F-r CDFGLARFI	40	930
>KIT-D816F-ν CDFGLARDI	1651	>KIT-D816F-r CDFGLARFI	301	1350
>KIT-D816F-ν CDFGLARDI	84	>KIT-D816F-r CDFGLARFI	39	45
>KIT-D816F-ν ICDFGLARD	22037	>KIT-D816F-r ICDFGLARF	178	21859
>KIT-D816F-ν KICDFGLARD	1817	>KIT-D816F-r KICDFGLARFI	174	1643
>KIT-D816F-ν KICDFGLARD	997	>KIT-D816F-r KICDFGLARFI	106	891
>KIT-D816F-ν KICDFGLARD	3284	>KIT-D816F-r KICDFGLARFI	275	3009
>KIT-D816F-ν KICDFGLARD	14521	>KIT-D816F-r KICDFGLARF	132	14389
>KIT-D816F-ν KICDFGLARD	109	>KIT-D816F-r KICDFGLARFI	329	220
>KIT-D816F-ν KICDFGLARD	19581	>KIT-D816F-r KICDFGLARF	207	19374
>KIT-D816F-ν KICDFGLARD	19830	>KIT-D816F-r KICDFGLARF	62	19768
>KIT-D816F-ν KICDFGLARD	1636	>KIT-D816F-r KICDFGLARFI	461	1175
>KIT-D816G-ν DIKNDSNYV	7625	>KIT-D816G-ι GIKNDSNYV	214	7411
>KIT-D816G-ν DIKNDSNYVV	2092	>KIT-D816G-ι GIKNDSNYVV	229	1863

>KIT-D816G- <sup>-</sup> DIKNDNSNYV	2810	>KIT-D816G- <sup>-</sup> GIKNDNSNYV	21	2789
>KIT-D816G- <sup>-</sup> DIKNDNSNYV	6065	>KIT-D816G- <sup>-</sup> GIKNDNSNYV	452	5613
>KIT-D816G- <sup>-</sup> DIKNDNSNYV	5214	>KIT-D816G- <sup>-</sup> GIKNDNSNYV	101	5113
>KIT-D816G- <sup>-</sup> DIKNDNSNYVV	4961	>KIT-D816G- <sup>-</sup> GIKNDNSNYVV	131	4830
>KIT-D816G- <sup>-</sup> DIKNDNSNYV	1669	>KIT-D816G- <sup>-</sup> GIKNDNSNYV	50	1619
>KIT-D816G- <sup>-</sup> DIKNDNSNYVV	2247	>KIT-D816G- <sup>-</sup> GIKNDNSNYVV	81	2166
>KIT-D816G- <sup>-</sup> DIKNDNSNYVV	7322	>KIT-D816G- <sup>-</sup> GIKNDNSNYVV	329	6993
>KIT-D816G- <sup>-</sup> DIKNDNSNY	198	>KIT-D816G- <sup>-</sup> GIKNDNSNY	5939	5741
>KIT-D816G- <sup>-</sup> DIKNDNSNY	243	>KIT-D816G- <sup>-</sup> GIKNDNSNY	6652	6409
>KIT-D816G- <sup>-</sup> DIKNDNSNYVV	1554	>KIT-D816G- <sup>-</sup> GIKNDNSNYVV	45	1509
>KIT-D816G- <sup>-</sup> DIKNDNSNY	462	>KIT-D816G- <sup>-</sup> GIKNDNSNY	122	340
>KIT-D816G- <sup>-</sup> DIKNDNSNYVV	291	>KIT-D816G- <sup>-</sup> GIKNDNSNYVV	3891	3600
>KIT-D816G- <sup>-</sup> DIKNDNSNY	5119	>KIT-D816G- <sup>-</sup> GIKNDNSNY	316	4803
>KIT-D816G- <sup>-</sup> DIKNDNSNY	694	>KIT-D816G- <sup>-</sup> GIKNDNSNY	497	197
>KIT-D816G- <sup>-</sup> RDIKNDNSNY	1664	>KIT-D816G- <sup>-</sup> RGIKNDNSNY	149	1515
>KIT-D816G- <sup>-</sup> RDIKNDNSNY	3689	>KIT-D816G- <sup>-</sup> RGIKNDNSNY	397	3292
>KIT-D816G- <sup>-</sup> RDIKNDNSNY	2850	>KIT-D816G- <sup>-</sup> RGIKNDNSNY	56	2794
>KIT-D816G- <sup>-</sup> RDIKNDNSNYV	394	>KIT-D816G- <sup>-</sup> RGIKNDNSNYV	29630	29236
>KIT-D816G- <sup>-</sup> RDIKNDNSNY	1575	>KIT-D816G- <sup>-</sup> RGIKNDNSNY	493	1082
>KIT-D816G- <sup>-</sup> RDIKNDNSNYV	299	>KIT-D816G- <sup>-</sup> RGIKNDNSNYV	19779	19480
>KIT-D816G- <sup>-</sup> RDIKNDNSNY	87	>KIT-D816G- <sup>-</sup> RGIKNDNSNYV	10542	10455
>KIT-D816G- <sup>-</sup> ARDIKNDNSNY	420	>KIT-D816G- <sup>-</sup> ARGIKNDNSNY	479	59
>KIT-D816G- <sup>-</sup> ARDIKNDNSNY	200	>KIT-D816G- <sup>-</sup> ARGIKNDNSNY	188	12
>KIT-D816G- <sup>-</sup> LARDIKNDNSN	241	>KIT-D816G- <sup>-</sup> LARGIKNDNSN	290	49
>KIT-D816G- <sup>-</sup> LARDIKNDNSN	387	>KIT-D816G- <sup>-</sup> LARGIKNDNSN	502	115
>KIT-D816G- <sup>-</sup> LARDIKNDNSN	317	>KIT-D816G- <sup>-</sup> LARGIKNDNSN	650	333
>KIT-D816G- <sup>-</sup> LARDIKNDNSN	30	>KIT-D816G- <sup>-</sup> LARGIKNDNSN	38	8
>KIT-D816G- <sup>-</sup> LARDIKNDNSN	176	>KIT-D816G- <sup>-</sup> LARGIKNDNSN	211	35
>KIT-D816G- <sup>-</sup> LARDIKNDNSN	46	>KIT-D816G- <sup>-</sup> LARGIKNDNSN	38	8
>KIT-D816G- <sup>-</sup> CDFGLARDI	84	>KIT-D816G- <sup>-</sup> CDFGLARGI	75	9
>KIT-D816G- <sup>-</sup> KICDFGLARD	1817	>KIT-D816G- <sup>-</sup> KICDFGLARG	324	1493
>KIT-D816G- <sup>-</sup> KICDFGLARD	997	>KIT-D816G- <sup>-</sup> KICDFGLARG	139	858
>KIT-D816G- <sup>-</sup> KICDFGLARD	109	>KIT-D816G- <sup>-</sup> KICDFGLARG	114	5
>KIT-D816H- <sup>-</sup> DIKNDNSNYV	7625	>KIT-D816H- <sup>-</sup> HIKNDNSNYV	185	7440
>KIT-D816H- <sup>-</sup> DIKNDNSNYVV	2092	>KIT-D816H- <sup>-</sup> HIKNDNSNYVV	378	1714
>KIT-D816H- <sup>-</sup> DIKNDNSNYV	2810	>KIT-D816H- <sup>-</sup> HIKNDNSNYV	36	2774
>KIT-D816H- <sup>-</sup> DIKNDNSNYV	5214	>KIT-D816H- <sup>-</sup> HIKNDNSNYV	282	4932
>KIT-D816H- <sup>-</sup> DIKNDNSNYVV	4961	>KIT-D816H- <sup>-</sup> HIKNDNSNYVV	333	4628
>KIT-D816H- <sup>-</sup> DIKNDNSNYV	1669	>KIT-D816H- <sup>-</sup> HIKNDNSNYV	79	1590
>KIT-D816H- <sup>-</sup> DIKNDNSNYVV	2247	>KIT-D816H- <sup>-</sup> HIKNDNSNYVV	126	2121
>KIT-D816H- <sup>-</sup> DIKNDNSNYVV	9824	>KIT-D816H- <sup>-</sup> HIKNDNSNYVV	265	9559
>KIT-D816H- <sup>-</sup> DIKNDNSNY	198	>KIT-D816H- <sup>-</sup> HIKNDNSNY	327	129
>KIT-D816H- <sup>-</sup> DIKNDNSNY	243	>KIT-D816H- <sup>-</sup> HIKNDNSNY	603	360

>KIT-D816H- <sup>v</sup> DIKNDNSNYV	9073	>KIT-D816H- <sup>i</sup> HIKNDNSNYV	42	9031
>KIT-D816H- <sup>v</sup> DIKNDNSNYVV	12054	>KIT-D816H- <sup>i</sup> HIKNDNSNYVV	142	11912
>KIT-D816H- <sup>v</sup> DIKNDNSNYVV	1554	>KIT-D816H- <sup>i</sup> HIKNDNSNYVV	7	1547
>KIT-D816H- <sup>v</sup> DIKNDNSNY	462	>KIT-D816H- <sup>i</sup> HIKNDNSNY	108	354
>KIT-D816H- <sup>v</sup> DIKNDNSNYVV	7515	>KIT-D816H- <sup>i</sup> HIKNDNSNYVV	402	7113
>KIT-D816H- <sup>v</sup> DIKNDNSNYVV	291	>KIT-D816H- <sup>i</sup> HIKNDNSNYVV	333	42
>KIT-D816H- <sup>v</sup> DIKNDNSNYV	512	>KIT-D816H- <sup>i</sup> HIKNDNSNYV	258	254
>KIT-D816H- <sup>v</sup> DIKNDNSNY	5119	>KIT-D816H- <sup>i</sup> HIKNDNSNY	212	4907
>KIT-D816H- <sup>v</sup> DIKNDNSNY	694	>KIT-D816H- <sup>i</sup> HIKNDNSNY	140	554
>KIT-D816H- <sup>v</sup> RDIKNDNSNY	1664	>KIT-D816H- <sup>i</sup> RHIKNDNSNY	340	1324
>KIT-D816H- <sup>v</sup> RDIKNDNSNY	924	>KIT-D816H- <sup>i</sup> RHIKNDNSNY	28	896
>KIT-D816H- <sup>v</sup> RDIKNDNSNYV	5830	>KIT-D816H- <sup>i</sup> RHIKNDNSNYV	321	5509
>KIT-D816H- <sup>v</sup> RDIKNDNSNYV	4826	>KIT-D816H- <sup>i</sup> RHIKNDNSNYV	229	4597
>KIT-D816H- <sup>v</sup> RDIKNDNSNYV	10928	>KIT-D816H- <sup>i</sup> RHIKNDNSNYV	379	10549
>KIT-D816H- <sup>v</sup> RDIKNDNSNYV	394	>KIT-D816H- <sup>i</sup> RHIKNDNSNYV	16524	16130
>KIT-D816H- <sup>v</sup> RDIKNDNSNYV	299	>KIT-D816H- <sup>i</sup> RHIKNDNSNYV	22565	22266
>KIT-D816H- <sup>v</sup> RDIKNDNSNYV	87	>KIT-D816H- <sup>i</sup> RHIKNDNSNYV	14396	14309
>KIT-D816H- <sup>v</sup> ARDIKNDNSNY	420	>KIT-D816H- <sup>i</sup> ARHIKNDNSNY	606	186
>KIT-D816H- <sup>v</sup> ARDIKNDNSNY	2527	>KIT-D816H- <sup>i</sup> ARHIKNDNSNY	249	2278
>KIT-D816H- <sup>v</sup> ARDIKNDNSNY	200	>KIT-D816H- <sup>i</sup> ARHIKNDNSNY	89	111
>KIT-D816H- <sup>v</sup> LARDIKNDNSN	241	>KIT-D816H- <sup>i</sup> LARHIKNDNSN	172	69
>KIT-D816H- <sup>v</sup> LARDIKNDNSN	387	>KIT-D816H- <sup>i</sup> LARHIKNDNSN	359	28
>KIT-D816H- <sup>v</sup> LARDIKNDNSN	317	>KIT-D816H- <sup>i</sup> LARHIKNDNSN	86	231
>KIT-D816H- <sup>v</sup> LARDIKNDNSN	30	>KIT-D816H- <sup>i</sup> LARHIKNDNSN	32	2
>KIT-D816H- <sup>v</sup> LARDIKNDNSN	176	>KIT-D816H- <sup>i</sup> LARHIKNDNSN	192	16
>KIT-D816H- <sup>v</sup> LARDIKNDNSN	46	>KIT-D816H- <sup>i</sup> LARHIKNDNSN	49	3
>KIT-D816H- <sup>v</sup> DFGLARDIK	2833	>KIT-D816H- <sup>i</sup> DFGLARHIK	429	2404
>KIT-D816H- <sup>v</sup> CDFGLARDI	1651	>KIT-D816H- <sup>i</sup> CDFGLARHI	342	1309
>KIT-D816H- <sup>v</sup> CDFGLARDI	84	>KIT-D816H- <sup>i</sup> CDFGLARHI	105	21
>KIT-D816H- <sup>v</sup> KICDFGLARD	1817	>KIT-D816H- <sup>i</sup> KICDFGLARH	373	1444
>KIT-D816H- <sup>v</sup> KICDFGLARD	997	>KIT-D816H- <sup>i</sup> KICDFGLARH	261	736
>KIT-D816H- <sup>v</sup> KICDFGLARD	109	>KIT-D816H- <sup>i</sup> KICDFGLARH	260	151
>KIT-D816H- <sup>v</sup> KICDFGLARD	1636	>KIT-D816H- <sup>i</sup> KICDFGLARH	468	1168
>KIT-D816I- <sup>v</sup> DIKNDNSNYV	7625	>KIT-D816I- <sup>n</sup> IIKNDNSNYV	98	7527
>KIT-D816I- <sup>v</sup> DIKNDNSNYVV	2092	>KIT-D816I- <sup>n</sup> IIKNDNSNYVV	164	1928
>KIT-D816I- <sup>v</sup> DIKNDNSNYV	2810	>KIT-D816I- <sup>n</sup> IIKNDNSNYV	15	2795
>KIT-D816I- <sup>v</sup> DIKNDNSNYVV	2580	>KIT-D816I- <sup>n</sup> IIKNDNSNYVV	270	2310
>KIT-D816I- <sup>v</sup> DIKNDNSNYV	12805	>KIT-D816I- <sup>n</sup> IIKNDNSNYV	238	12567
>KIT-D816I- <sup>v</sup> DIKNDNSNYV	6065	>KIT-D816I- <sup>n</sup> IIKNDNSNYV	222	5843
>KIT-D816I- <sup>v</sup> DIKNDNSNYVV	7988	>KIT-D816I- <sup>n</sup> IIKNDNSNYVV	482	7506
>KIT-D816I- <sup>v</sup> DIKNDNSNYV	5214	>KIT-D816I- <sup>n</sup> IIKNDNSNYV	327	4887
>KIT-D816I- <sup>v</sup> DIKNDNSNYVV	4961	>KIT-D816I- <sup>n</sup> IIKNDNSNYVV	406	4555
>KIT-D816I- <sup>v</sup> DIKNDNSNYV	1669	>KIT-D816I- <sup>n</sup> IIKNDNSNYV	27	1642

>KIT-D816I-v DIKNDSNYVV	2247	>KIT-D816I-n IIKNDSNYVV	39	2208
>KIT-D816I-v DIKNDSNYVV	9824	>KIT-D816I-n IIKNDSNYVV†	264	9560
>KIT-D816I-v DIKNDSNYVV	7322	>KIT-D816I-n IIKNDSNYVV†	404	6918
>KIT-D816I-v DIKNDSNY	198	>KIT-D816I-n IIKNDSNY	8844	8646
>KIT-D816I-v DIKNDSNY	243	>KIT-D816I-n IIKNDSNY	2827	2584
>KIT-D816I-v DIKNDSNYV	9073	>KIT-D816I-n IIKNDSNYV	438	8635
>KIT-D816I-v DIKNDSNYVV	1554	>KIT-D816I-n IIKNDSNYVV†	26	1528
>KIT-D816I-v DIKNDSNY	462	>KIT-D816I-n IIKNDSNY	48	414
>KIT-D816I-v DIKNDSNYVV	291	>KIT-D816I-n IIKNDSNYVV†	815	524
>KIT-D816I-v DIKNDSNY	5119	>KIT-D816I-n IIKNDSNY	184	4935
>KIT-D816I-v DIKNDSNY	694	>KIT-D816I-n IIKNDSNY	296	398
>KIT-D816I-v DIKNDSNY	6201	>KIT-D816I-n IIKNDSNY	374	5827
>KIT-D816I-v RDIKNDSNYV	18079	>KIT-D816I-n RIIKNDSNYV	434	17645
>KIT-D816I-v RDIKNDSNYV	19047	>KIT-D816I-n RIIKNDSNYV\	401	18646
>KIT-D816I-v RDIKNDSNYV	11656	>KIT-D816I-n RIIKNDSNYV	274	11382
>KIT-D816I-v RDIKNDSNYV	17908	>KIT-D816I-n RIIKNDSNYV\	457	17451
>KIT-D816I-v RDIKNDSNYV	9423	>KIT-D816I-n RIIKNDSNYV	59	9364
>KIT-D816I-v RDIKNDSNYV	16622	>KIT-D816I-n RIIKNDSNYV\	170	16452
>KIT-D816I-v RDIKNDSNYV	9296	>KIT-D816I-n RIIKNDSNYV	263	9033
>KIT-D816I-v RDIKNDSNYV	5754	>KIT-D816I-n RIIKNDSNYV\	147	5607
>KIT-D816I-v RDIKNDSNYV	11839	>KIT-D816I-n RIIKNDSNYV	31	11808
>KIT-D816I-v RDIKNDSNYV	14377	>KIT-D816I-n RIIKNDSNYV\	64	14313
>KIT-D816I-v RDIKNDSNYV	11159	>KIT-D816I-n RIIKNDSNYV	20	11139
>KIT-D816I-v RDIKNDSNYV	11037	>KIT-D816I-n RIIKNDSNYV\	33	11004
>KIT-D816I-v RDIKNDSNYV	16471	>KIT-D816I-n RIIKNDSNYV	120	16351
>KIT-D816I-v RDIKNDSNYV	19741	>KIT-D816I-n RIIKNDSNYV\	408	19333
>KIT-D816I-v RDIKNDSNYV	22867	>KIT-D816I-n RIIKNDSNYV	39	22828
>KIT-D816I-v RDIKNDSNYV	24162	>KIT-D816I-n RIIKNDSNYV\	58	24104
>KIT-D816I-v RDIKNDSNY	8062	>KIT-D816I-n RIIKNDSNY	42	8020
>KIT-D816I-v RDIKNDSNY	5328	>KIT-D816I-n RIIKNDSNY	408	4920
>KIT-D816I-v RDIKNDSNY	1664	>KIT-D816I-n RIIKNDSNY	79	1585
>KIT-D816I-v RDIKNDSNY	3277	>KIT-D816I-n RIIKNDSNY	102	3175
>KIT-D816I-v RDIKNDSNY	3689	>KIT-D816I-n RIIKNDSNY	98	3591
>KIT-D816I-v RDIKNDSNY	924	>KIT-D816I-n RIIKNDSNY	252	672
>KIT-D816I-v RDIKNDSNY	2850	>KIT-D816I-n RIIKNDSNY	32	2818
>KIT-D816I-v RDIKNDSNYV	394	>KIT-D816I-n RIIKNDSNYV\	33135	32741
>KIT-D816I-v RDIKNDSNYV	299	>KIT-D816I-n RIIKNDSNYV	24656	24357
>KIT-D816I-v RDIKNDSNYV	87	>KIT-D816I-n RIIKNDSNYV\	16389	16302
>KIT-D816I-v ARDIKNDSNY	420	>KIT-D816I-n ARIIKNDSNY	205	215
>KIT-D816I-v ARDIKNDSNY	2527	>KIT-D816I-n ARIIKNDSNY	235	2292
>KIT-D816I-v ARDIKNDSNY	200	>KIT-D816I-n ARIIKNDSNY	39	161
>KIT-D816I-v LARDIKNSDN	241	>KIT-D816I-n LARIIKNDSNY	218	23
>KIT-D816I-v LARDIKNSDN	387	>KIT-D816I-n LARIIKNDSNY	855	468

>KIT-D816I- $\nu$ LARDIKNDSN	317	>KIT-D816I- $\eta$ LARIKNDSNY	444	127
>KIT-D816I- $\nu$ LARDIKNDSN	30	>KIT-D816I- $\eta$ LARIKNDSNY	25	5
>KIT-D816I- $\nu$ LARDIKNDSN	176	>KIT-D816I- $\eta$ LARIKNDSNY	324	148
>KIT-D816I- $\nu$ LARDIKNDSN	46	>KIT-D816I- $\eta$ LARIKNDSNY	87	41
>KIT-D816I- $\nu$ CDFGLARDI	970	>KIT-D816I- $\eta$ CDFGLARII	321	649
>KIT-D816I- $\nu$ CDFGLARD	41836	>KIT-D816I- $\eta$ CDFGLARI	305	41531
>KIT-D816I- $\nu$ CDFGLARDI	1651	>KIT-D816I- $\eta$ CDFGLARII	460	1191
>KIT-D816I- $\nu$ CDFGLARD	22993	>KIT-D816I- $\eta$ CDFGLARI	73	22920
>KIT-D816I- $\nu$ CDFGLARDI	84	>KIT-D816I- $\eta$ CDFGLARII	42	42
>KIT-D816I- $\nu$ KICDFGLARD	15591	>KIT-D816I- $\eta$ KICDFGLARI	155	15436
>KIT-D816I- $\nu$ KICDFGLARD	13579	>KIT-D816I- $\eta$ KICDFGLARI	66	13513
>KIT-D816I- $\nu$ KICDFGLARD	17356	>KIT-D816I- $\eta$ KICDFGLARI	250	17106
>KIT-D816I- $\nu$ KICDFGLARD	16074	>KIT-D816I- $\eta$ KICDFGLARI	48	16026
>KIT-D816I- $\nu$ KICDFGLARD	25897	>KIT-D816I- $\eta$ KICDFGLARI	253	25644
>KIT-D816I- $\nu$ KICDFGLARD	14521	>KIT-D816I- $\eta$ KICDFGLARI	257	14264
>KIT-D816I- $\nu$ KICDFGLARD	109	>KIT-D816I- $\eta$ KICDFGLARII	96	13
>KIT-D816N- $\nu$ DIKNDSNYV	7625	>KIT-D816N- $\eta$ NIKNDSNYV	355	7270
>KIT-D816N- $\nu$ DIKNDSNYVV	2092	>KIT-D816N- $\eta$ NIKNDSNYVV	460	1632
>KIT-D816N- $\nu$ DIKNDSNYV	2810	>KIT-D816N- $\eta$ NIKNDSNYV	39	2771
>KIT-D816N- $\nu$ DIKNDSNYV	1669	>KIT-D816N- $\eta$ NIKNDSNYV	494	1175
>KIT-D816N- $\nu$ DIKNDSNY	198	>KIT-D816N- $\eta$ NIKNDSNY	1215	1017
>KIT-D816N- $\nu$ DIKNDSNY	243	>KIT-D816N- $\eta$ NIKNDSNY	1569	1326
>KIT-D816N- $\nu$ DIKNDSNYVV	1554	>KIT-D816N- $\eta$ NIKNDSNYVV	326	1228
>KIT-D816N- $\nu$ DIKNDSNY	462	>KIT-D816N- $\eta$ NIKNDSNY	317	145
>KIT-D816N- $\nu$ DIKNDSNYVV	291	>KIT-D816N- $\eta$ NIKNDSNYVV	324	33
>KIT-D816N- $\nu$ DIKNDSNYV	512	>KIT-D816N- $\eta$ NIKNDSNYV	261	251
>KIT-D816N- $\nu$ DIKNDSNY	694	>KIT-D816N- $\eta$ NIKNDSNY	212	482
>KIT-D816N- $\nu$ RDIKNDSNY	1664	>KIT-D816N- $\eta$ RNIKNDSNY	461	1203
>KIT-D816N- $\nu$ RDIKNDSNY	924	>KIT-D816N- $\eta$ RNIKNDSNY	230	694
>KIT-D816N- $\nu$ RDIKNDSNYV	394	>KIT-D816N- $\eta$ RNIKNDSNYV	14520	14126
>KIT-D816N- $\nu$ RDIKNDSNYV	299	>KIT-D816N- $\eta$ RNIKNDSNYV	10752	10453
>KIT-D816N- $\nu$ RDIKNDSNYV	87	>KIT-D816N- $\eta$ RNIKNDSNYV	4079	3992
>KIT-D816N- $\nu$ ARDIKNDSNY	420	>KIT-D816N- $\eta$ ARNIKNDSNY	483	63
>KIT-D816N- $\nu$ ARDIKNDSNY	2527	>KIT-D816N- $\eta$ ARNIKNDSNY	374	2153
>KIT-D816N- $\nu$ ARDIKNDSNY	200	>KIT-D816N- $\eta$ ARNIKNDSNY	102	98
>KIT-D816N- $\nu$ LARDIKNDSN	241	>KIT-D816N- $\eta$ LARNIKNDSN	179	62
>KIT-D816N- $\nu$ LARDIKNDSN	387	>KIT-D816N- $\eta$ LARNIKNDSN	394	7
>KIT-D816N- $\nu$ LARDIKNDSN	317	>KIT-D816N- $\eta$ LARNIKNDSN	126	191
>KIT-D816N- $\nu$ LARDIKNDSN	30	>KIT-D816N- $\eta$ LARNIKNDSN	57	27
>KIT-D816N- $\nu$ LARDIKNDSN	176	>KIT-D816N- $\eta$ LARNIKNDSN	241	65
>KIT-D816N- $\nu$ LARDIKNDSN	46	>KIT-D816N- $\eta$ LARNIKNDSN	28	18
>KIT-D816N- $\nu$ CDFGLARDI	84	>KIT-D816N- $\eta$ CDFGLARNI	72	12
>KIT-D816N- $\nu$ KICDFGLARD	997	>KIT-D816N- $\eta$ KICDFGLARN	306	691

>KIT-D816N- KICDFGLARD	109	>KIT-D816N- KICDFGLARN	98	11
>KIT-D816V-1 DIKNDNSNYV	7625	>KIT-D816V-i VIKNDNSNYV	231	7394
>KIT-D816V-1 DIKNDNSNYVV	2092	>KIT-D816V-i VIKNDNSNYVV	488	1604
>KIT-D816V-1 DIKNDNSNYV	2810	>KIT-D816V-i VIKNDNSNYV	18	2792
>KIT-D816V-1 DIKNDNSNYV	12805	>KIT-D816V-i VIKNDNSNYV	302	12503
>KIT-D816V-1 DIKNDNSNYV	6065	>KIT-D816V-i VIKNDNSNYV	183	5882
>KIT-D816V-1 DIKNDNSNYVV	7988	>KIT-D816V-i VIKNDNSNYVV	409	7579
>KIT-D816V-1 DIKNDNSNYV	5214	>KIT-D816V-i VIKNDNSNYV	211	5003
>KIT-D816V-1 DIKNDNSNYVV	4961	>KIT-D816V-i VIKNDNSNYVV	269	4692
>KIT-D816V-1 DIKNDNSNYV	1669	>KIT-D816V-i VIKNDNSNYV	19	1650
>KIT-D816V-1 DIKNDNSNYVV	2247	>KIT-D816V-i VIKNDNSNYVV	28	2219
>KIT-D816V-1 DIKNDNSNYVV	9824	>KIT-D816V-i VIKNDNSNYVV	418	9406
>KIT-D816V-1 DIKNDNSNYVV	7322	>KIT-D816V-i VIKNDNSNYVV	309	7013
>KIT-D816V-1 DIKNDNSNY	198	>KIT-D816V-i VIKNDNSNY	11840	11642
>KIT-D816V-1 DIKNDNSNY	243	>KIT-D816V-i VIKNDNSNY	1968	1725
>KIT-D816V-1 DIKNDNSNYVV	1554	>KIT-D816V-i VIKNDNSNYVV	54	1500
>KIT-D816V-1 DIKNDNSNY	462	>KIT-D816V-i VIKNDNSNY	46	416
>KIT-D816V-1 DIKNDNSNYVV	291	>KIT-D816V-i VIKNDNSNYVV	2283	1992
>KIT-D816V-1 DIKNDNSNY	5119	>KIT-D816V-i VIKNDNSNY	225	4894
>KIT-D816V-1 DIKNDNSNY	694	>KIT-D816V-i VIKNDNSNY	329	365
>KIT-D816V-1 RDIKNDNSNYV	11656	>KIT-D816V-i RVIKNDNSNYV	401	11255
>KIT-D816V-1 RDIKNDNSNYV	9423	>KIT-D816V-i RVIKNDNSNYV	94	9329
>KIT-D816V-1 RDIKNDNSNYV	16622	>KIT-D816V-i RVIKNDNSNYV	469	16153
>KIT-D816V-1 RDIKNDNSNYV	9296	>KIT-D816V-i RVIKNDNSNYV	278	9018
>KIT-D816V-1 RDIKNDNSNYV	5754	>KIT-D816V-i RVIKNDNSNYV	138	5616
>KIT-D816V-1 RDIKNDNSNYV	11839	>KIT-D816V-i RVIKNDNSNYV	95	11744
>KIT-D816V-1 RDIKNDNSNYV	14377	>KIT-D816V-i RVIKNDNSNYV	218	14159
>KIT-D816V-1 RDIKNDNSNYV	11159	>KIT-D816V-i RVIKNDNSNYV	40	11119
>KIT-D816V-1 RDIKNDNSNYV	11037	>KIT-D816V-i RVIKNDNSNYV	65	10972
>KIT-D816V-1 RDIKNDNSNYV	16471	>KIT-D816V-i RVIKNDNSNYV	348	16123
>KIT-D816V-1 RDIKNDNSNYV	22867	>KIT-D816V-i RVIKNDNSNYV	107	22760
>KIT-D816V-1 RDIKNDNSNYV	24162	>KIT-D816V-i RVIKNDNSNYV	167	23995
>KIT-D816V-1 RDIKNDNSNY	8062	>KIT-D816V-i RVIKNDNSNY	13	8049
>KIT-D816V-1 RDIKNDNSNY	4826	>KIT-D816V-i RVIKNDNSNY	226	4600
>KIT-D816V-1 RDIKNDNSNY	5328	>KIT-D816V-i RVIKNDNSNY	204	5124
>KIT-D816V-1 RDIKNDNSNYV	13759	>KIT-D816V-i RVIKNDNSNYV	260	13499
>KIT-D816V-1 RDIKNDNSNY	1664	>KIT-D816V-i RVIKNDNSNY	66	1598
>KIT-D816V-1 RDIKNDNSNYV	15570	>KIT-D816V-i RVIKNDNSNYV	179	15391
>KIT-D816V-1 RDIKNDNSNY	3277	>KIT-D816V-i RVIKNDNSNY	45	3232
>KIT-D816V-1 RDIKNDNSNY	3689	>KIT-D816V-i RVIKNDNSNY	107	3582
>KIT-D816V-1 RDIKNDNSNY	924	>KIT-D816V-i RVIKNDNSNY	298	626
>KIT-D816V-1 RDIKNDNSNY	2850	>KIT-D816V-i RVIKNDNSNY	13	2837
>KIT-D816V-1 RDIKNDNSNYV	394	>KIT-D816V-i RVIKNDNSNYV	30536	30142

>KIT-D816V-1 RDIKNDSNY	1575	>KIT-D816V-i RVIKNDSNY	148	1427
>KIT-D816V-1 RDIKNDSNYV	299	>KIT-D816V-i RVIKNDSNYV	26148	25849
>KIT-D816V-1 RDIKNDSNYV	87	>KIT-D816V-i RVIKNDSNYV	18402	18315
>KIT-D816V-1 ARDIKNDSNY	420	>KIT-D816V-i ARVIKNDSNY	352	68
>KIT-D816V-1 ARDIKNDSNY	2527	>KIT-D816V-i ARVIKNDSNY	311	2216
>KIT-D816V-1 ARDIKNDSNY	200	>KIT-D816V-i ARVIKNDSNY	59	141
>KIT-D816V-1 LARDIKNDSN	241	>KIT-D816V-i LARVIKNDSN	247	6
>KIT-D816V-1 LARDIKNDSN	387	>KIT-D816V-i LARVIKNDSN	693	306
>KIT-D816V-1 LARDIKNDSN	317	>KIT-D816V-i LARVIKNDSN	231	86
>KIT-D816V-1 LARDIKNDSN	30	>KIT-D816V-i LARVIKNDSN	37	7
>KIT-D816V-1 LARDIKNDSN	176	>KIT-D816V-i LARVIKNDSN	309	133
>KIT-D816V-1 LARDIKNDSN	46	>KIT-D816V-i LARVIKNDSN	72	26
>KIT-D816V-1 CDFGLARDI	970	>KIT-D816V-i CDFGLARVI	378	592
>KIT-D816V-1 CDFGLARDI	2057	>KIT-D816V-i CDFGLARVI	450	1607
>KIT-D816V-1 CDFGLARDI	1651	>KIT-D816V-i CDFGLARVI	329	1322
>KIT-D816V-1 CDFGLARD	22993	>KIT-D816V-i CDFGLARV	141	22852
>KIT-D816V-1 CDFGLARDI	84	>KIT-D816V-i CDFGLARVI	47	37
>KIT-D816V-1 ICDFGLARD	29870	>KIT-D816V-i ICDFGLARV	395	29475
>KIT-D816V-1 KICDFGLARD	21510	>KIT-D816V-i KICDFGLARV	100	21410
>KIT-D816V-1 KICDFGLARD	15591	>KIT-D816V-i KICDFGLARV	81	15510
>KIT-D816V-1 KICDFGLARD	13579	>KIT-D816V-i KICDFGLARV	26	13553
>KIT-D816V-1 KICDFGLARD	17356	>KIT-D816V-i KICDFGLARV	78	17278
>KIT-D816V-1 KICDFGLARD	16074	>KIT-D816V-i KICDFGLARV	6	16068
>KIT-D816V-1 KICDFGLARD	997	>KIT-D816V-i KICDFGLARV	282	715
>KIT-D816V-1 KICDFGLARD	25536	>KIT-D816V-i KICDFGLARV	179	25357
>KIT-D816V-1 KICDFGLARD	26345	>KIT-D816V-i KICDFGLARV	474	25871
>KIT-D816V-1 KICDFGLARD	25897	>KIT-D816V-i KICDFGLARV	5	25892
>KIT-D816V-1 KICDFGLARD	109	>KIT-D816V-i KICDFGLARV	76	33
>KIT-D816Y-1 DIKNDSNYV	17179	>KIT-D816Y-r YIKNDSNYV	260	16919
>KIT-D816Y-1 DIKNDSNYVV	8154	>KIT-D816Y-r YIKNDSNYVV	138	8016
>KIT-D816Y-1 DIKNDSNYV	7625	>KIT-D816Y-r YIKNDSNYV	15	7610
>KIT-D816Y-1 DIKNDSNYVV	2092	>KIT-D816Y-r YIKNDSNYVV	41	2051
>KIT-D816Y-1 DIKNDSNYV	2810	>KIT-D816Y-r YIKNDSNYV	5	2805
>KIT-D816Y-1 DIKNDSNYVV	2580	>KIT-D816Y-r YIKNDSNYVV	74	2506
>KIT-D816Y-1 DIKNDSNYV	12805	>KIT-D816Y-r YIKNDSNYV	32	12773
>KIT-D816Y-1 DIKNDSNYVV	6294	>KIT-D816Y-r YIKNDSNYVV	95	6199
>KIT-D816Y-1 DIKNDSNYV	6065	>KIT-D816Y-r YIKNDSNYV	21	6044
>KIT-D816Y-1 DIKNDSNYVV	7988	>KIT-D816Y-r YIKNDSNYVV	44	7944
>KIT-D816Y-1 DIKNDSNYV	5214	>KIT-D816Y-r YIKNDSNYV	12	5202
>KIT-D816Y-1 DIKNDSNYVV	4961	>KIT-D816Y-r YIKNDSNYVV	19	4942
>KIT-D816Y-1 DIKNDSNYV	9068	>KIT-D816Y-r YIKNDSNYV	76	8992
>KIT-D816Y-1 DIKNDSNYVV	12893	>KIT-D816Y-r YIKNDSNYVV	248	12645
>KIT-D816Y-1 DIKNDSNYV	6580	>KIT-D816Y-r YIKNDSNYV	71	6509



>KIT-D816Y-\ DIKNDNSNYVV	8376	>KIT-D816Y-r YIKNDNSNYVV	145	8231
>KIT-D816Y-\ DIKNDNSNYV	1669	>KIT-D816Y-r YIKNDNSNYV	4	1665
>KIT-D816Y-\ DIKNDNSNYVV	2247	>KIT-D816Y-r YIKNDNSNYVV	5	2242
>KIT-D816Y-\ DIKNDNSNY	198	>KIT-D816Y-r YIKNDNSNY	315	117
>KIT-D816Y-\ DIKNDNSNY	243	>KIT-D816Y-r YIKNDNSNY	225	18
>KIT-D816Y-\ DIKNDNSNY	3414	>KIT-D816Y-r YIKNDNSNY	163	3251
>KIT-D816Y-\ DIKNDNSNYVV	1554	>KIT-D816Y-r YIKNDNSNYVV	57	1497
>KIT-D816Y-\ DIKNDNSNY	462	>KIT-D816Y-r YIKNDNSNY	167	295
>KIT-D816Y-\ DIKNDNSNYVV	291	>KIT-D816Y-r YIKNDNSNYVV	204	87
>KIT-D816Y-\ DIKNDNSNYV	512	>KIT-D816Y-r YIKNDNSNYV	332	180
>KIT-D816Y-\ DIKNDNSNYVV	1341	>KIT-D816Y-r YIKNDNSNYVV	344	997
>KIT-D816Y-\ DIKNDNSNYV	677	>KIT-D816Y-r YIKNDNSNYV	394	283
>KIT-D816Y-\ DIKNDNSNY	5119	>KIT-D816Y-r YIKNDNSNY	75	5044
>KIT-D816Y-\ DIKNDNSNY	694	>KIT-D816Y-r YIKNDNSNY	60	634
>KIT-D816Y-\ DIKNDNSNY	6201	>KIT-D816Y-r YIKNDNSNY	183	6018
>KIT-D816Y-\ RDIKNDNSNYV	28947	>KIT-D816Y-r RYIKNDNSNYV	124	28823
>KIT-D816Y-\ RDIKNDNSNYV	28953	>KIT-D816Y-r RYIKNDNSNYV	245	28708
>KIT-D816Y-\ RDIKNDNSNY	28337	>KIT-D816Y-r RYIKNDNSNY	405	27932
>KIT-D816Y-\ RDIKNDNSNYV	19755	>KIT-D816Y-r RYIKNDNSNYV	91	19664
>KIT-D816Y-\ RDIKNDNSNYV	25486	>KIT-D816Y-r RYIKNDNSNYV	345	25141
>KIT-D816Y-\ RDIKNDNSNY	24153	>KIT-D816Y-r RYIKNDNSNY	106	24047
>KIT-D816Y-\ RDIKNDNSNYV	22268	>KIT-D816Y-r RYIKNDNSNYV	21	22247
>KIT-D816Y-\ RDIKNDNSNYV	23570	>KIT-D816Y-r RYIKNDNSNYV	37	23533
>KIT-D816Y-\ RDIKNDNSNY	8062	>KIT-D816Y-r RYIKNDNSNY	404	7658
>KIT-D816Y-\ RDIKNDNSNY	5328	>KIT-D816Y-r RYIKNDNSNY	174	5154
>KIT-D816Y-\ RDIKNDNSNYV	13759	>KIT-D816Y-r RYIKNDNSNYV	344	13415
>KIT-D816Y-\ RDIKNDNSNY	1664	>KIT-D816Y-r RYIKNDNSNY	81	1583
>KIT-D816Y-\ RDIKNDNSNY	3277	>KIT-D816Y-r RYIKNDNSNY	95	3182
>KIT-D816Y-\ RDIKNDNSNY	924	>KIT-D816Y-r RYIKNDNSNY	456	468
>KIT-D816Y-\ RDIKNDNSNYV	394	>KIT-D816Y-r RYIKNDNSNYV	25824	25430
>KIT-D816Y-\ RDIKNDNSNY	5824	>KIT-D816Y-r RYIKNDNSNY	371	5453
>KIT-D816Y-\ RDIKNDNSNYV	17403	>KIT-D816Y-r RYIKNDNSNYV	54	17349
>KIT-D816Y-\ RDIKNDNSNYV	299	>KIT-D816Y-r RYIKNDNSNYV	25615	25316
>KIT-D816Y-\ RDIKNDNSNYV	87	>KIT-D816Y-r RYIKNDNSNYV	18949	18862
>KIT-D816Y-\ TKICDFGLARI	30785	>KIT-D816Y-r TKICDFGLAR\	77	30708
>KIT-D816Y-\ TKICDFGLARI	26344	>KIT-D816Y-r TKICDFGLAR\	400	25944
>KIT-D816Y-\ TKICDFGLARI	22813	>KIT-D816Y-r TKICDFGLAR\	177	22636
>KIT-D816Y-\ ARDIKNDNSNY	420	>KIT-D816Y-r ARYIKNDNSNY	96	324
>KIT-D816Y-\ ARDIKNDNSNY	2527	>KIT-D816Y-r ARYIKNDNSNY	78	2449
>KIT-D816Y-\ ARDIKNDNSNY	200	>KIT-D816Y-r ARYIKNDNSNY	35	165
>KIT-D816Y-\ LARDIKNDNSN	241	>KIT-D816Y-r LARYIKNDNSN`	130	111
>KIT-D816Y-\ LARDIKNDNSN	387	>KIT-D816Y-r LARYIKNDNSN`	366	21
>KIT-D816Y-\ LARDIKNDNSN	317	>KIT-D816Y-r LARYIKNDNSN`	106	211

>KIT-D816Y-\ LARDIKNDSN	30	>KIT-D816Y-r LARYIKNDSN	57	27
>KIT-D816Y-\ LARDIKNDSN	176	>KIT-D816Y-r LARYIKNDSN	223	47
>KIT-D816Y-\ LARDIKNDSN	46	>KIT-D816Y-r LARYIKNDSN	36	10
>KIT-D816Y-\ DFGLARDIK	2833	>KIT-D816Y-r DFGLARYIK	189	2644
>KIT-D816Y-\ CDFGLARDI	970	>KIT-D816Y-r CDFGLARYI	180	790
>KIT-D816Y-\ CDFGLARD	38205	>KIT-D816Y-r CDFGLARY	415	37790
>KIT-D816Y-\ CDFGLARDI	84	>KIT-D816Y-r CDFGLARYI	71	13
>KIT-D816Y-\ ICDFGLARD	23535	>KIT-D816Y-r ICDFGLARY	433	23102
>KIT-D816Y-\ ICDFGLARD	29492	>KIT-D816Y-r ICDFGLARY	328	29164
>KIT-D816Y-\ ICDFGLARD	22037	>KIT-D816Y-r ICDFGLARY	123	21914
>KIT-D816Y-\ KICDFGLARD	1817	>KIT-D816Y-r KICDFGLARYI	185	1632
>KIT-D816Y-\ KICDFGLARD	997	>KIT-D816Y-r KICDFGLARYI	40	957
>KIT-D816Y-\ KICDFGLARD	14395	>KIT-D816Y-r KICDFGLARY	102	14293
>KIT-D816Y-\ KICDFGLARD	33996	>KIT-D816Y-r KICDFGLARY	326	33670
>KIT-D816Y-\ KICDFGLARD	3284	>KIT-D816Y-r KICDFGLARYI	419	2865
>KIT-D816Y-\ KICDFGLARD	32006	>KIT-D816Y-r KICDFGLARY	374	31632
>KIT-D816Y-\ KICDFGLARD	109	>KIT-D816Y-r KICDFGLARYI	267	158
>KIT-D816Y-\ KICDFGLARD	24872	>KIT-D816Y-r KICDFGLARY	38	24834
>KIT-D816Y-\ KICDFGLARD	19581	>KIT-D816Y-r KICDFGLARY	183	19398
>KIT-D816Y-\ KICDFGLARD	19830	>KIT-D816Y-r KICDFGLARY	75	19755
>KIT-D820A-\ DSNYVVKGN,	965	>KIT-D820A-i ASNYVVKGN,	38	927
>KIT-D820A-\ DSNYVVKGN,	76	>KIT-D820A-i ASNYVVKGN,	4782	4706
>KIT-D820A-\ DSNYVVKGN,	27	>KIT-D820A-i ASNYVVKGN,	324	297
>KIT-D820A-\ NDSNYVVK	14884	>KIT-D820A-i NASNYVVK	369	14515
>KIT-D820A-\ NDSNYVVK	2931	>KIT-D820A-i NASNYVVK	49	2882
>KIT-D820A-\ KNDSNYVVK	5007	>KIT-D820A-i KNASNYVVK	428	4579
>KIT-D820A-\ IKNDSNYV	63	>KIT-D820A-i IKNASNYV	35	28
>KIT-D820A-\ IKNDSNYVV	26	>KIT-D820A-i IKNASNYVV	15	11
>KIT-D820A-\ IKNDSNYVVK	83	>KIT-D820A-i IKNASNYVVK	45	38
>KIT-D820A-\ DIKNDSNY	198	>KIT-D820A-i DIKNASNY	135	63
>KIT-D820A-\ DIKNDSNY	243	>KIT-D820A-i DIKNASNY	382	139
>KIT-D820A-\ DIKNDSNYVV	1554	>KIT-D820A-i DIKNASNYVV	324	1230
>KIT-D820A-\ DIKNDSNY	462	>KIT-D820A-i DIKNASNY	584	122
>KIT-D820A-\ DIKNDSNYVV	291	>KIT-D820A-i DIKNASNYVV	159	132
>KIT-D820A-\ DIKNDSNYV	512	>KIT-D820A-i DIKNASNYV	129	383
>KIT-D820A-\ DIKNDSNYV	677	>KIT-D820A-i DIKNASNYV	254	423
>KIT-D820A-\ RDIKNDSNY	924	>KIT-D820A-i RDIKNASNY	408	516
>KIT-D820A-\ RDIKNDSNYV	394	>KIT-D820A-i RDIKNASNYV	405	11
>KIT-D820A-\ RDIKNDSNY	1575	>KIT-D820A-i RDIKNASNY	317	1258
>KIT-D820A-\ RDIKNDSNYV	709	>KIT-D820A-i RDIKNASNYV	462	247
>KIT-D820A-\ RDIKNDSNYV	299	>KIT-D820A-i RDIKNASNYV	143	156
>KIT-D820A-\ RDIKNDSNYV	87	>KIT-D820A-i RDIKNASNYV	48	39
>KIT-D820A-\ ARDIKNDSNY	420	>KIT-D820A-i ARDIKNASNY	644	224

>KIT-D820A-1 ARDIKNSNY	200	>KIT-D820A-1 ARDIKNASNY	225	25
>KIT-D820A-1 LARDIKND	7251	>KIT-D820A-1 LARDIKNA	380	6871
>KIT-D820A-1 LARDIKNSN	241	>KIT-D820A-1 LARDIKNASN	251	10
>KIT-D820A-1 LARDIKNSN	387	>KIT-D820A-1 LARDIKNASN	294	93
>KIT-D820A-1 LARDIKNSN	317	>KIT-D820A-1 LARDIKNASN	120	197
>KIT-D820A-1 LARDIKNSN	30	>KIT-D820A-1 LARDIKNASN	20	10
>KIT-D820A-1 LARDIKNSN	176	>KIT-D820A-1 LARDIKNASN	173	3
>KIT-D820A-1 LARDIKNSN	46	>KIT-D820A-1 LARDIKNASN	21	25
>KIT-D820A-1 GLARDIKND	13115	>KIT-D820A-1 GLARDIKNA	262	12853
>KIT-D820A-1 GLARDIKND	17998	>KIT-D820A-1 GLARDIKNA	33	17965
>KIT-D820A-1 GLARDIKND	20182	>KIT-D820A-1 GLARDIKNA	489	19693
>KIT-D820A-1 GLARDIKND	21096	>KIT-D820A-1 GLARDIKNA	373	20723
>KIT-D820A-1 GLARDIKND	17823	>KIT-D820A-1 GLARDIKNA	37	17786
>KIT-D820E-1 DSNYVVKGN,	76	>KIT-D820E-r ESNYVVKGN,	221	145
>KIT-D820E-1 DSNYVVKGN,	27	>KIT-D820E-r ESNYVVKGN,	9	18
>KIT-D820E-1 NDSNYVVKG	15821	>KIT-D820E-r NESNYVVKG	96	15725
>KIT-D820E-1 IKNSNYV	63	>KIT-D820E-r IKNESNYV	50	13
>KIT-D820E-1 IKNSNYVV	26	>KIT-D820E-r IKNESNYVV	20	6
>KIT-D820E-1 IKNSNYVVK	83	>KIT-D820E-r IKNESNYVVK	63	20
>KIT-D820E-1 DIKNSNY	198	>KIT-D820E-r DIKNESNY	216	18
>KIT-D820E-1 DIKNSNY	243	>KIT-D820E-r DIKNESNY	388	145
>KIT-D820E-1 DIKNSNY	462	>KIT-D820E-r DIKNESNY	672	210
>KIT-D820E-1 DIKNSNYVV	291	>KIT-D820E-r DIKNESNYVV	294	3
>KIT-D820E-1 RDIKNSNYV	394	>KIT-D820E-r RDIKNESNYV	439	45
>KIT-D820E-1 RDIKNSNYV	299	>KIT-D820E-r RDIKNESNYV	234	65
>KIT-D820E-1 RDIKNSNYV	87	>KIT-D820E-r RDIKNESNYV	79	8
>KIT-D820E-1 ARDIKNSNY	420	>KIT-D820E-r ARDIKNESNY	1001	581
>KIT-D820E-1 ARDIKNSNY	200	>KIT-D820E-r ARDIKNESNY	231	31
>KIT-D820E-1 LARDIKNSN	241	>KIT-D820E-r LARDIKNESN	258	17
>KIT-D820E-1 LARDIKNSN	387	>KIT-D820E-r LARDIKNESN	591	204
>KIT-D820E-1 LARDIKNSN	317	>KIT-D820E-r LARDIKNESN	198	119
>KIT-D820E-1 LARDIKNSN	30	>KIT-D820E-r LARDIKNESN	27	3
>KIT-D820E-1 LARDIKNSN	176	>KIT-D820E-r LARDIKNESN	223	47
>KIT-D820E-1 LARDIKNSN	46	>KIT-D820E-r LARDIKNESN	34	12
>KIT-D820G-1 DSNYVVKGN,	965	>KIT-D820G-1 GSNYVVKGN,	53	912
>KIT-D820G-1 DSNYVVKGN,	76	>KIT-D820G-1 GSNYVVKGN,	5010	4934
>KIT-D820G-1 DSNYVVKGN,	27	>KIT-D820G-1 GSNYVVKGN,	503	476
>KIT-D820G-1 IKNSNYV	63	>KIT-D820G-1 IKNGSNYV	120	57
>KIT-D820G-1 IKNSNYVV	26	>KIT-D820G-1 IKNGSNYVV	58	32
>KIT-D820G-1 IKNSNYVVK	83	>KIT-D820G-1 IKNGSNYVVK	162	79
>KIT-D820G-1 DIKNSNY	198	>KIT-D820G-1 DIKNGSNY	114	84
>KIT-D820G-1 DIKNSNY	243	>KIT-D820G-1 DIKNGSNY	446	203
>KIT-D820G-1 DIKNSNY	462	>KIT-D820G-1 DIKNGSNY	415	47

>KIT-D820G- <sup>-</sup> DIKNDNSNYVV	291	>KIT-D820G- <sub>-</sub> DIKNGSNYVV	254	37
>KIT-D820G- <sup>-</sup> DIKNDNSNYV	512	>KIT-D820G- <sub>-</sub> DIKNGSNYV	319	193
>KIT-D820G- <sup>-</sup> DIKNDNSNY	677	>KIT-D820G- <sub>-</sub> DIKNGSNY	394	283
>KIT-D820G- <sup>-</sup> DIKNDNSNY	694	>KIT-D820G- <sub>-</sub> DIKNGSNY	222	472
>KIT-D820G- <sup>-</sup> RDIKNDNSNY	924	>KIT-D820G- <sub>-</sub> RDIKNGSNY	223	701
>KIT-D820G- <sup>-</sup> RDIKNDNSNYV	394	>KIT-D820G- <sub>-</sub> RDIKNGSNYV	337	57
>KIT-D820G- <sup>-</sup> RDIKNDNSNY	1575	>KIT-D820G- <sub>-</sub> RDIKNGSNY	298	1277
>KIT-D820G- <sup>-</sup> RDIKNDNSNYV	299	>KIT-D820G- <sub>-</sub> RDIKNGSNYV	550	251
>KIT-D820G- <sup>-</sup> RDIKNDNSNY	87	>KIT-D820G- <sub>-</sub> RDIKNGSNYV	118	31
>KIT-D820G- <sup>-</sup> ARDIKNDNSNY	420	>KIT-D820G- <sub>-</sub> ARDIKNGSNY	658	238
>KIT-D820G- <sup>-</sup> ARDIKNDNSNY	200	>KIT-D820G- <sub>-</sub> ARDIKNGSNY	181	19
>KIT-D820G- <sup>-</sup> LARDIKNDNSN	241	>KIT-D820G- <sub>-</sub> LARDIKNGSN	275	34
>KIT-D820G- <sup>-</sup> LARDIKNDNSN	387	>KIT-D820G- <sub>-</sub> LARDIKNGSN	256	131
>KIT-D820G- <sup>-</sup> LARDIKNDNSN	317	>KIT-D820G- <sub>-</sub> LARDIKNGSN	133	184
>KIT-D820G- <sup>-</sup> LARDIKNDNSN	30	>KIT-D820G- <sub>-</sub> LARDIKNGSN	18	12
>KIT-D820G- <sup>-</sup> LARDIKNDNSN	176	>KIT-D820G- <sub>-</sub> LARDIKNGSN	331	155
>KIT-D820G- <sup>-</sup> LARDIKNDNSN	46	>KIT-D820G- <sub>-</sub> LARDIKNGSN	23	23
>KIT-D820H- <sup>-</sup> DSNYVVKGN,	965	>KIT-D820H- <sub>-</sub> HSNYVVKGN,	23	942
>KIT-D820H- <sup>-</sup> DSNYVVKGN,	76	>KIT-D820H- <sub>-</sub> HSNYVVKGN,	185	109
>KIT-D820H- <sup>-</sup> DSNYVVKGN,	27	>KIT-D820H- <sub>-</sub> HSNYVVKGN,	32	5
>KIT-D820H- <sup>-</sup> KNDSNYVVK	5007	>KIT-D820H- <sub>-</sub> KNHSNYVVK	10	4997
>KIT-D820H- <sup>-</sup> IKNDNSNYV	63	>KIT-D820H- <sub>-</sub> IKNHSNYV	22	41
>KIT-D820H- <sup>-</sup> IKNDNSNYVV	26	>KIT-D820H- <sub>-</sub> IKNHSNYVV	12	14
>KIT-D820H- <sup>-</sup> IKNDNSNYVVK	83	>KIT-D820H- <sub>-</sub> IKNHSNYVVK	30	53
>KIT-D820H- <sup>-</sup> DIKNDNSNY	198	>KIT-D820H- <sub>-</sub> DIKNHSNY	93	105
>KIT-D820H- <sup>-</sup> DIKNDNSNY	243	>KIT-D820H- <sub>-</sub> DIKNHSNY	111	132
>KIT-D820H- <sup>-</sup> DIKNDNSNY	462	>KIT-D820H- <sub>-</sub> DIKNHSNY	1010	548
>KIT-D820H- <sup>-</sup> DIKNDNSNYVV	291	>KIT-D820H- <sub>-</sub> DIKNHSNYVV	252	39
>KIT-D820H- <sup>-</sup> DIKNDNSNYV	512	>KIT-D820H- <sub>-</sub> DIKNHSNYV	467	45
>KIT-D820H- <sup>-</sup> DIKNDNSNYV	677	>KIT-D820H- <sub>-</sub> DIKNHSNYV	343	334
>KIT-D820H- <sup>-</sup> RDIKNDNSNY	924	>KIT-D820H- <sub>-</sub> RDIKNHSNY	224	700
>KIT-D820H- <sup>-</sup> RDIKNDNSNYV	394	>KIT-D820H- <sub>-</sub> RDIKNHSNYV	243	151
>KIT-D820H- <sup>-</sup> RDIKNDNSNY	1575	>KIT-D820H- <sub>-</sub> RDIKNHSNY	337	1238
>KIT-D820H- <sup>-</sup> RDIKNDNSNYV	299	>KIT-D820H- <sub>-</sub> RDIKNHSNYV	453	154
>KIT-D820H- <sup>-</sup> RDIKNDNSNY	87	>KIT-D820H- <sub>-</sub> RDIKNHSNYV	134	47
>KIT-D820H- <sup>-</sup> ARDIKNDNSNY	420	>KIT-D820H- <sub>-</sub> ARDIKNHSNY	581	161
>KIT-D820H- <sup>-</sup> ARDIKNDNSNY	200	>KIT-D820H- <sub>-</sub> ARDIKNHSNY	146	54
>KIT-D820H- <sup>-</sup> LARDIKNDNSN	1945	>KIT-D820H- <sub>-</sub> LARDIKNHSN	320	1625
>KIT-D820H- <sup>-</sup> LARDIKNDNSN	241	>KIT-D820H- <sub>-</sub> LARDIKNHSN	269	28
>KIT-D820H- <sup>-</sup> LARDIKNDNSN	387	>KIT-D820H- <sub>-</sub> LARDIKNHSN	222	165
>KIT-D820H- <sup>-</sup> LARDIKNDNSN	317	>KIT-D820H- <sub>-</sub> LARDIKNHSN	118	199
>KIT-D820H- <sup>-</sup> LARDIKNDNSN	30	>KIT-D820H- <sub>-</sub> LARDIKNHSN	21	9
>KIT-D820H- <sup>-</sup> LARDIKNDNSN	176	>KIT-D820H- <sub>-</sub> LARDIKNHSN	418	242

>KIT-D820H-1 LARDIKNDSN	46	>KIT-D820H-1 LARDIKNHSN	22	24
>KIT-D820N-1 DSNYVVKGN,	965	>KIT-D820N-1 NSNYVVKGN,	163	802
>KIT-D820N-1 DSNYVVKGN,	76	>KIT-D820N-1 NSNYVVKGN,	326	250
>KIT-D820N-1 DSNYVVKGN,	27	>KIT-D820N-1 NSNYVVKGN,	37	10
>KIT-D820N-1 KNDSNYVVK	5007	>KIT-D820N-1 KNNSNYVVK	85	4922
>KIT-D820N-1 KNDSNYVVK	5817	>KIT-D820N-1 KNNSNYVVK	405	5412
>KIT-D820N-1 IKNDSNYV	63	>KIT-D820N-1 IKNNSNYV	28	35
>KIT-D820N-1 IKNDSNYVV	26	>KIT-D820N-1 IKNNSNYVV	12	14
>KIT-D820N-1 IKNDSNYVVK	83	>KIT-D820N-1 IKNNSNYVVK	35	48
>KIT-D820N-1 DIKNDSNY	198	>KIT-D820N-1 DIKNNSNY	98	100
>KIT-D820N-1 DIKNDSNY	243	>KIT-D820N-1 DIKNNSNY	331	88
>KIT-D820N-1 DIKNDSNY	462	>KIT-D820N-1 DIKNNSNY	418	44
>KIT-D820N-1 DIKNDSNYVV	291	>KIT-D820N-1 DIKNNSNYVV	182	109
>KIT-D820N-1 DIKNDSNYV	512	>KIT-D820N-1 DIKNNSNYV	233	279
>KIT-D820N-1 DIKNDSNYV	677	>KIT-D820N-1 DIKNNSNYV	418	259
>KIT-D820N-1 DIKNDSNY	694	>KIT-D820N-1 DIKNNSNY	430	264
>KIT-D820N-1 RDIKNDSNY	924	>KIT-D820N-1 RDIKNNSNY	319	605
>KIT-D820N-1 RDIKNDSNYV	394	>KIT-D820N-1 RDIKNNSNYV	282	112
>KIT-D820N-1 RDIKNDSNY	1575	>KIT-D820N-1 RDIKNNSNY	483	1092
>KIT-D820N-1 RDIKNDSNYV	299	>KIT-D820N-1 RDIKNNSNYV	289	10
>KIT-D820N-1 RDIKNDSNYV	87	>KIT-D820N-1 RDIKNNSNYV	97	10
>KIT-D820N-1 ARDIKNDSNY	420	>KIT-D820N-1 ARDIKNNSNY	446	26
>KIT-D820N-1 ARDIKNDSNY	200	>KIT-D820N-1 ARDIKNNSNY	282	82
>KIT-D820N-1 LARDIKNDSN	241	>KIT-D820N-1 LARDIKNNSN	210	31
>KIT-D820N-1 LARDIKNDSN	387	>KIT-D820N-1 LARDIKNNSN	344	43
>KIT-D820N-1 LARDIKNDSN	317	>KIT-D820N-1 LARDIKNNSN	135	182
>KIT-D820N-1 LARDIKNDSN	30	>KIT-D820N-1 LARDIKNNSN	22	8
>KIT-D820N-1 LARDIKNDSN	176	>KIT-D820N-1 LARDIKNNSN	303	127
>KIT-D820N-1 LARDIKNDSN	46	>KIT-D820N-1 LARDIKNNSN	24	22
>KIT-D820V-1 DSNYVVKGN,	965	>KIT-D820V-1 VSNYVVKGN,	44	921
>KIT-D820V-1 DSNYVVKGN,	76	>KIT-D820V-1 VSNYVVKGN,	1468	1392
>KIT-D820V-1 DSNYVVKGN,	27	>KIT-D820V-1 VSNYVVKGN,	287	260
>KIT-D820V-1 NDSNYVVK	14884	>KIT-D820V-1 NVSNYVVK	63	14821
>KIT-D820V-1 NDSNYVVK	2931	>KIT-D820V-1 NVSNYVVK	38	2893
>KIT-D820V-1 NDSNYVVKG	15528	>KIT-D820V-1 NVSNYVVKGI	123	15405
>KIT-D820V-1 KNDSNYVVK	5007	>KIT-D820V-1 KNVSNYVVK	406	4601
>KIT-D820V-1 IKNDSNYV	63	>KIT-D820V-1 IKNVSNYV	52	11
>KIT-D820V-1 IKNDSNYVV	26	>KIT-D820V-1 IKNVSNYVV	19	7
>KIT-D820V-1 IKNDSNYVVK	83	>KIT-D820V-1 IKNVSNYVVK	65	18
>KIT-D820V-1 DIKNDSNY	198	>KIT-D820V-1 DIKNVSNY	67	131
>KIT-D820V-1 DIKNDSNY	243	>KIT-D820V-1 DIKNVSNY	260	17
>KIT-D820V-1 DIKNDSNY	462	>KIT-D820V-1 DIKNVSNY	605	143
>KIT-D820V-1 DIKNDSNYVV	1700	>KIT-D820V-1 DIKNVSNYVV	406	1294

>KIT-D820V-1 DIKNDNSNYVV	291	>KIT-D820V-i DIKNVSNYVV	81	210
>KIT-D820V-1 DIKNDNSNYV	512	>KIT-D820V-i DIKNVSNYV	63	449
>KIT-D820V-1 DIKNDNSNY	677	>KIT-D820V-i DIKNVSNY	369	308
>KIT-D820V-1 RDIKNDNSNY	924	>KIT-D820V-i RDIKNVSNY	217	707
>KIT-D820V-1 RDIKNDNSNYV	394	>KIT-D820V-i RDIKNVSNYV	251	143
>KIT-D820V-1 RDIKNDNSNYV	709	>KIT-D820V-i RDIKNVSNYV	203	506
>KIT-D820V-1 RDIKNDNSNYV	299	>KIT-D820V-i RDIKNVSNYV	265	34
>KIT-D820V-1 RDIKNDNSNYV	87	>KIT-D820V-i RDIKNVSNYV	68	19
>KIT-D820V-1 ARDIKNDNSNY	420	>KIT-D820V-i ARDIKNVSNY	718	298
>KIT-D820V-1 ARDIKNDNSNY	200	>KIT-D820V-i ARDIKNVSNY	202	2
>KIT-D820V-1 LARDIKND	35937	>KIT-D820V-i LARDIKNV	139	35798
>KIT-D820V-1 LARDIKNDNSN	241	>KIT-D820V-i LARDIKNVSN	288	47
>KIT-D820V-1 LARDIKNDNSN	387	>KIT-D820V-i LARDIKNVSN	201	186
>KIT-D820V-1 LARDIKNDNSN	317	>KIT-D820V-i LARDIKNVSN	104	213
>KIT-D820V-1 LARDIKNDNSN	30	>KIT-D820V-i LARDIKNVSN	20	10
>KIT-D820V-1 LARDIKNDNSN	176	>KIT-D820V-i LARDIKNVSN	295	119
>KIT-D820V-1 LARDIKNDNSN	46	>KIT-D820V-i LARDIKNVSN	25	21
>KIT-D820V-1 GLARDIKND	25193	>KIT-D820V-i GLARDIKNV	413	24780
>KIT-D820V-1 GLARDIKND	13115	>KIT-D820V-i GLARDIKNV	25	13090
>KIT-D820V-1 GLARDIKND	17998	>KIT-D820V-i GLARDIKNV	6	17992
>KIT-D820V-1 GLARDIKND	20182	>KIT-D820V-i GLARDIKNV	9	20173
>KIT-D820V-1 GLARDIKND	22569	>KIT-D820V-i GLARDIKNV	13	22556
>KIT-D820V-1 GLARDIKND	21096	>KIT-D820V-i GLARDIKNV	11	21085
>KIT-D820V-1 GLARDIKND	26842	>KIT-D820V-i GLARDIKNV	32	26810
>KIT-D820V-1 GLARDIKND	17823	>KIT-D820V-i GLARDIKNV	3	17820
>KIT-D820Y-1 DSNYVVKGN	965	>KIT-D820Y-r YSNYVVKGN	77	888
>KIT-D820Y-1 DSNYVVKGN	76	>KIT-D820Y-r YSNYVVKGN	373	297
>KIT-D820Y-1 DSNYVVKGN	27	>KIT-D820Y-r YSNYVVKGN	20	7
>KIT-D820Y-1 NDSNYVVK	2931	>KIT-D820Y-r NYSNYVVK	488	2443
>KIT-D820Y-1 NDSNYVVK	20714	>KIT-D820Y-r NYSNYVVK	369	20345
>KIT-D820Y-1 KNDSNYVVK	11477	>KIT-D820Y-r KNYSNYVVK	497	10980
>KIT-D820Y-1 KNDSNYVVK	5007	>KIT-D820Y-r KNYSNYVVK	75	4932
>KIT-D820Y-1 KNDSNYVVK	5817	>KIT-D820Y-r KNYSNYVVK	383	5434
>KIT-D820Y-1 KNDSNYVV	12376	>KIT-D820Y-r KNYSNYVV	221	12155
>KIT-D820Y-1 KNDSNYVVK	13490	>KIT-D820Y-r KNYSNYVVK	456	13034
>KIT-D820Y-1 KNDSNYVVK	4126	>KIT-D820Y-r KNYSNYVVK	238	3888
>KIT-D820Y-1 IKNDNSNYV	63	>KIT-D820Y-r IKNYSNYV	22	41
>KIT-D820Y-1 IKNDNSNYVV	26	>KIT-D820Y-r IKNYSNYVV	12	14
>KIT-D820Y-1 IKNDNSNYVVK	83	>KIT-D820Y-r IKNYSNYVVK	37	46
>KIT-D820Y-1 DIKNDNSNY	198	>KIT-D820Y-r DIKNYSNY	63	135
>KIT-D820Y-1 DIKNDNSNY	243	>KIT-D820Y-r DIKNYSNY	270	27
>KIT-D820Y-1 DIKNDNSNY	462	>KIT-D820Y-r DIKNYSNY	720	258
>KIT-D820Y-1 DIKNDNSNYVV	291	>KIT-D820Y-r DIKNYSNYVV	161	130

>KIT-D820Y-\ DIKNDNSNYV	512	>KIT-D820Y-r DIKNYSNYV	209	303
>KIT-D820Y-\ DIKNDNSNYV	677	>KIT-D820Y-r DIKNYSNYV	172	505
>KIT-D820Y-\ RDIKNDNSNY	924	>KIT-D820Y-r RDIKNYSNY	133	791
>KIT-D820Y-\ RDIKNDNSNYV	394	>KIT-D820Y-r RDIKNYSNYV	247	147
>KIT-D820Y-\ RDIKNDNSNYV	709	>KIT-D820Y-r RDIKNYSNYV	382	327
>KIT-D820Y-\ RDIKNDNSNYV	299	>KIT-D820Y-r RDIKNYSNYV	160	139
>KIT-D820Y-\ RDIKNDNSNYV	87	>KIT-D820Y-r RDIKNYSNYV	81	6
>KIT-D820Y-\ ARDIKNDNSNY	420	>KIT-D820Y-r ARDIKNYSNY	376	44
>KIT-D820Y-\ ARDIKNDNSNY	200	>KIT-D820Y-r ARDIKNYSNY	143	57
>KIT-D820Y-\ LARDIKNDNSN	1945	>KIT-D820Y-r LARDIKNYSN	349	1596
>KIT-D820Y-\ LARDIKNDNSN	241	>KIT-D820Y-r LARDIKNYSN	269	28
>KIT-D820Y-\ LARDIKNDNSN	387	>KIT-D820Y-r LARDIKNYSN	329	58
>KIT-D820Y-\ LARDIKND	27122	>KIT-D820Y-r LARDIKNY	325	26797
>KIT-D820Y-\ LARDIKNDNSN	317	>KIT-D820Y-r LARDIKNYSN	102	215
>KIT-D820Y-\ LARDIKND	17090	>KIT-D820Y-r LARDIKNY	23	17067
>KIT-D820Y-\ LARDIKNDNSN	30	>KIT-D820Y-r LARDIKNYSN	25	5
>KIT-D820Y-\ LARDIKNDNSN	176	>KIT-D820Y-r LARDIKNYSN	370	194
>KIT-D820Y-\ LARDIKNDNSN	46	>KIT-D820Y-r LARDIKNYSN	23	23
>KIT-D820Y-\ FGLARDIKND	32630	>KIT-D820Y-r FGLARDIKNY	415	32215
>KIT-D910Y-\ DPLKRPTF	1058	>KIT-D910Y-r YPLKRPTF	23	1035
>KIT-D910Y-\ DPLKRPTFKQ	4506	>KIT-D910Y-r YPLKRPTFKQ	68	4438
>KIT-D910Y-\ DPLKRPTF	6554	>KIT-D910Y-r YPLKRPTF	42	6512
>KIT-D910Y-\ DPLKRPTFKQ	12201	>KIT-D910Y-r YPLKRPTFKQ	177	12024
>KIT-D910Y-\ DPLKRPTF	327	>KIT-D910Y-r YPLKRPTF	47	280
>KIT-D910Y-\ DPLKRPTFKQ	373	>KIT-D910Y-r YPLKRPTFKQ	67	306
>KIT-D910Y-\ DPLKRPTF	2701	>KIT-D910Y-r YPLKRPTF	69	2632
>KIT-D910Y-\ DPLKRPTF	470	>KIT-D910Y-r YPLKRPTF	1393	923
>KIT-D910Y-\ DPLKRPTF	260	>KIT-D910Y-r YPLKRPTF	21	239
>KIT-D910Y-\ DPLKRPTFKQ	589	>KIT-D910Y-r YPLKRPTFKQ	117	472
>KIT-D910Y-\ DPLKRPTF	1686	>KIT-D910Y-r YPLKRPTF	125	1561
>KIT-D910Y-\ DPLKRPTFKQ	3894	>KIT-D910Y-r YPLKRPTFKQ	314	3580
>KIT-D910Y-\ DPLKRPTFKQ	3825	>KIT-D910Y-r YPLKRPTFKQ	256	3569
>KIT-D910Y-\ DPLKRPTF	3802	>KIT-D910Y-r YPLKRPTF	134	3668
>KIT-D910Y-\ DPLKRPTF	481	>KIT-D910Y-r YPLKRPTF	92	389
>KIT-D910Y-\ ADPLKRPTF	16241	>KIT-D910Y-r AYPLKRPTF	112	16129
>KIT-D910Y-\ ADPLKRPTF	15285	>KIT-D910Y-r AYPLKRPTF	6	15279
>KIT-D910Y-\ ADPLKRPTFK	10617	>KIT-D910Y-r AYPLKRPTFK	182	10435
>KIT-D910Y-\ YDIMKTCWD	20167	>KIT-D910Y-r YDIMKTCWD	173	19994
>KIT-D910Y-\ DADPLKRPTF	838	>KIT-D910Y-r DAYPLKRPTF	61	777
>KIT-D910Y-\ DADPLKRPTF	615	>KIT-D910Y-r DAYPLKRPTF	18	597
>KIT-D910Y-\ DADPLKRPTF	2988	>KIT-D910Y-r DAYPLKRPTF	50	2938
>KIT-D910Y-\ WDADPLKRP	632	>KIT-D910Y-r WDAYPLKRP	485	147
>KIT-D910Y-\ CWDADPLK	1011	>KIT-D910Y-r CWDAYPLK	254	757

>KIT-D910Y-\ CWDADPLKR	22	>KIT-D910Y-r CWDAYPLKR	16	6
>KIT-D910Y-\ TCWDADPL	1521	>KIT-D910Y-r TCWDAYPL	371	1150
>KIT-D910Y-\ TCWDADPL	835	>KIT-D910Y-r TCWDAYPL	94	741
>KIT-D910Y-\ TCWDADPLK	37	>KIT-D910Y-r TCWDAYPLKI	31	6
>KIT-D910Y-\ KTCWDADPL	537	>KIT-D910Y-r KTCWDAYPL	181	356
>KIT-D910Y-\ KTCWDADPL	1025	>KIT-D910Y-r KTCWDAYPL	213	812
>KIT-D910Y-\ KTCWDADPL	646	>KIT-D910Y-r KTCWDAYPLI	70	576
>KIT-D910Y-\ KTCWDADPL	49	>KIT-D910Y-r KTCWDAYPLI	19	30
>KIT-D910Y-\ KTCWDADPL	119	>KIT-D910Y-r KTCWDAYPLI	45	74
>KIT-D910Y-\ KTCWDADPL	89	>KIT-D910Y-r KTCWDAYPLI	24	65
>KIT-D910Y-\ KTCWDADPL	119	>KIT-D910Y-r KTCWDAYPLI	27	92
>KIT-D910Y-\ KTCWDADPL	28	>KIT-D910Y-r KTCWDAYPL	7	21
>KIT-D910Y-\ KTCWDADPL	292	>KIT-D910Y-r KTCWDAYPLI	160	132
>KIT-D910Y-\ KTCWDADPL	25	>KIT-D910Y-r KTCWDAYPL	9	16
>KIT-D910Y-\ KTCWDADPL	769	>KIT-D910Y-r KTCWDAYPLI	217	552
>KIT-D910Y-\ KTCWDADPL	49	>KIT-D910Y-r KTCWDAYPLI	20	29
>KIT-D910Y-\ KTCWDADPL	114	>KIT-D910Y-r KTCWDAYPL	129	15
>KIT-D910Y-\ MKTCWDAD	25976	>KIT-D910Y-r MKTCWDAY	426	25550
>KIT-D910Y-\ MKTCWDAD	12417	>KIT-D910Y-r MKTCWDAY	18	12399
>KIT-D910Y-\ MKTCWDADI	170	>KIT-D910Y-r MKTCWDAYF	55	115
>KIT-D910Y-\ MKTCWDAD	14741	>KIT-D910Y-r MKTCWDAY	49	14692
>KIT-D910Y-\ MKTCWDADI	472	>KIT-D910Y-r MKTCWDAYF	123	349
>KIT-D910Y-\ MKTCWDAD	8448	>KIT-D910Y-r MKTCWDAY	91	8357
>KIT-D910Y-\ IMKTCWDAD	1219	>KIT-D910Y-r IMKTCWDAY	175	1044
>KIT-D910Y-\ IMKTCWDAD	60	>KIT-D910Y-r IMKTCWDAY	24	36
>KIT-D910Y-\ IMKTCWDAD	70	>KIT-D910Y-r IMKTCWDAY	43	27
>KIT-D910Y-\ IMKTCWDAD	544	>KIT-D910Y-r IMKTCWDAY	258	286
>KIT-D910Y-\ IMKTCWDAD	946	>KIT-D910Y-r IMKTCWDAY	312	634
>KIT-D910Y-\ IMKTCWDAD	551	>KIT-D910Y-r IMKTCWDAY	90	461
>KIT-D910Y-\ IMKTCWDAD	281	>KIT-D910Y-r IMKTCWDAY	87	194
>KIT-D910Y-\ IMKTCWDAD	24649	>KIT-D910Y-r IMKTCWDAY	96	24553
>KIT-D910Y-\ IMKTCWDAD	20537	>KIT-D910Y-r IMKTCWDAY	16	20521
>KIT-D910Y-\ IMKTCWDAD	15419	>KIT-D910Y-r IMKTCWDAY	68	15351
>KIT-D910Y-\ IMKTCWDAD	577	>KIT-D910Y-r IMKTCWDAY	311	266
>KIT-D910Y-\ IMKTCWDAD	26315	>KIT-D910Y-r IMKTCWDAY	138	26177
>KIT-D910Y-\ IMKTCWDAD	8654	>KIT-D910Y-r IMKTCWDAY	18	8636
>KIT-D910Y-\ IMKTCWDAD	180	>KIT-D910Y-r IMKTCWDAY	58	122
>KIT-D910Y-\ IMKTCWDAD	21657	>KIT-D910Y-r IMKTCWDAY	146	21511
>KIT-D910Y-\ DIMKTCWDA	31582	>KIT-D910Y-r DIMKTCWDA	75	31507
>KIT-D910Y-\ DIMKTCWDA	32205	>KIT-D910Y-r DIMKTCWDA	292	31913
>KIT-E270K-v ERQATLTI	2229	>KIT-E270K-r KRQATLTI	324	1905
>KIT-E270K-v ERQATLTI	1049	>KIT-E270K-r KRQATLTI	99	950
>KIT-E270K-v ERQATLTISSA	3745	>KIT-E270K-r KRQATLTISSA	428	3317



>KIT-E270K-v ERQATLTI	1421	>KIT-E270K-r KRQATLTI	25	1396
>KIT-E270K-v ERQATLTIS	3396	>KIT-E270K-r KRQATLTIS	143	3253
>KIT-E270K-v ERQATLTISS	3586	>KIT-E270K-r KRQATLTISS	170	3416
>KIT-E270K-v ERQATLTISSA	3980	>KIT-E270K-r KRQATLTISSA	173	3807
>KIT-E270K-v ERQATLTI	3202	>KIT-E270K-r KRQATLTI	363	2839
>KIT-E270K-v ERQATLTISS	1624	>KIT-E270K-r KRQATLTISS	223	1401
>KIT-E270K-v YERQATLT	19	>KIT-E270K-r YKRQATLT	12104	12085
>KIT-E270K-v YERQATLTI	8	>KIT-E270K-r YKRQATLTI	536	528
>KIT-E270K-v YERQATLTI	340	>KIT-E270K-r YKRQATLTI	13	327
>KIT-E270K-v YERQATLTIS	7703	>KIT-E270K-r YKRQATLTIS	251	7452
>KIT-E270K-v YERQATLTISS	8386	>KIT-E270K-r YKRQATLTISS	264	8122
>KIT-E270K-v YERQATLTI	63	>KIT-E270K-r YKRQATLTI	15976	15913
>KIT-E270K-v YERQATLTISS	198	>KIT-E270K-r YKRQATLTISS	19983	19785
>KIT-E270K-v YERQATLTI	116	>KIT-E270K-r YKRQATLTI	17871	17755
>KIT-E270K-v YERQATLT	333	>KIT-E270K-r YKRQATLT	30383	30050
>KIT-E270K-v YERQATLTI	72	>KIT-E270K-r YKRQATLTI	17627	17555
>KIT-E270K-v YERQATLTISS	263	>KIT-E270K-r YKRQATLTISS	27954	27691
>KIT-E270K-v YERQATLT	485	>KIT-E270K-r YKRQATLT	22210	21725
>KIT-E270K-v YERQATLTI	3	>KIT-E270K-r YKRQATLTI	609	606
>KIT-E270K-v YERQATLTISS	80	>KIT-E270K-r YKRQATLTISS	24980	24900
>KIT-E270K-v NSWHHGDFI	26617	>KIT-E270K-r NSWHHGDFI	86	26531
>KIT-E270K-v NSWHHGDFI	14567	>KIT-E270K-r NSWHHGDFI	352	14215
>KIT-E270K-v NSWHHGDFI	20575	>KIT-E270K-r NSWHHGDFI	233	20342
>KIT-E270K-v NYERQATL	104	>KIT-E270K-r NYKRQATL	75	29
>KIT-E270K-v NYERQATLTI	58	>KIT-E270K-r NYKRQATLTI	47	11
>KIT-E270K-v NYERQATL	81	>KIT-E270K-r NYKRQATL	50	31
>KIT-E270K-v NYERQATLTI	34	>KIT-E270K-r NYKRQATLTI	22	12
>KIT-E270K-v FNYERQATL	28	>KIT-E270K-r FNYKRQATL	30	2
>KIT-E270K-v FNYERQATLT	214	>KIT-E270K-r FNYKRQATLT	242	28
>KIT-E270K-v FNYERQATLT	67	>KIT-E270K-r FNYKRQATLT	102	35
>KIT-E270K-v FNYERQATL	404	>KIT-E270K-r FNYKRQATL	1163	759
>KIT-E270K-v FNYERQATL	85	>KIT-E270K-r FNYKRQATL	34	51
>KIT-E270K-v FNYERQATLT	639	>KIT-E270K-r FNYKRQATLT	256	383
>KIT-E270K-v FNYERQATL	922	>KIT-E270K-r FNYKRQATL	427	495
>KIT-E270K-v FNYERQATL	474	>KIT-E270K-r FNYKRQATL	345	129
>KIT-E270K-v FNYERQATL	120	>KIT-E270K-r FNYKRQATL	408	288
>KIT-E270K-v FNYERQATLT	43	>KIT-E270K-r FNYKRQATLT	49	6
>KIT-E270K-v GDFNYERQA	404	>KIT-E270K-r GDFNYKRQA	564	160
>KIT-E270K-v GDFNYERQA	186	>KIT-E270K-r GDFNYKRQA	226	40
>KIT-E270K-v GDFNYERQA	332	>KIT-E270K-r GDFNYKRQA	378	46
>KIT-E270K-v HGDFNYER	300	>KIT-E270K-r HGDFNYKR	144	156
>KIT-E270K-v HHGDFNYER	413	>KIT-E270K-r HHGDFNYKR	545	132
>KIT-E270K-v HHGDFNYE	8587	>KIT-E270K-r HHGDFNYK	65	8522

>KIT-E270K-v HHGDFNYER	14	>KIT-E270K-r HHGDFNYKR	11	3
>KIT-E270K-v WHHGDFNYE	103	>KIT-E270K-r WHHGDFNYE	65	38
>KIT-E270K-v SWHHGDFNY	11696	>KIT-E270K-r SWHHGDFNY	51	11645
>KIT-E270K-v SWHHGDFNY	55	>KIT-E270K-r SWHHGDFNY	63	8
>KIT-E270K-v SWHHGDFNY	2913	>KIT-E270K-r SWHHGDFNY	36	2877
>KIT-E270K-v SWHHGDFNY	13	>KIT-E270K-r SWHHGDFNY	12	1
>KIT-E270K-v SWHHGDFNY	429	>KIT-E270K-r SWHHGDFNY	335	94
>KIT-E338K-v EAFPKPEHQC	13352	>KIT-E338K-r KAFPKPEHQC	370	12982
>KIT-E338K-v EAFPKPEH	8759	>KIT-E338K-r KAFPKPEH	335	8424
>KIT-E338K-v EAFPKPEHQC	9	>KIT-E338K-r KAFPKPEHQC	5	4
>KIT-E338K-v EAFPKPEHQC	37	>KIT-E338K-r KAFPKPEHQC	26	11
>KIT-E338K-v EAFPKPEHQC	36	>KIT-E338K-r KAFPKPEHQC	8	28
>KIT-E338K-v EAFPKPEHQC	485	>KIT-E338K-r KAFPKPEHQC	801	316
>KIT-E338K-v EAFPKPEHQC	810	>KIT-E338K-r KAFPKPEHQC	119	691
>KIT-E338K-v VEYEAFFPK	126	>KIT-E338K-r VEYKAFPK	421	295
>KIT-E338K-v VEYEAFFPKPEI	149	>KIT-E338K-r VEYKAFPKPEI	450	301
>KIT-E338K-v VEYEAFFPKP	107	>KIT-E338K-r VEYKAFPKP	178	71
>KIT-E338K-v IVEYEAFFPK	38	>KIT-E338K-r IVEYKAFPK	38	0
>KIT-E338K-v IVEYEAFFPK	3325	>KIT-E338K-r IVEYKAFPK	296	3029
>KIT-E338K-v IVEYEAFFPK	77	>KIT-E338K-r IVEYKAFPK	90	13
>KIT-E338K-v LIVEYEAF	164	>KIT-E338K-r LIVEYKAF	810	646
>KIT-E338K-v LIVEYEAFPK	416	>KIT-E338K-r LIVEYKAFPK	167	249
>KIT-E338K-v LIVEYEAFPK	57	>KIT-E338K-r LIVEYKAFPK	70	13
>KIT-E338K-v LIVEYEAF	136	>KIT-E338K-r LIVEYKAF	425	289
>KIT-E338K-v LIVEYEAFPK	1371	>KIT-E338K-r LIVEYKAFPK	486	885
>KIT-E338K-v LIVEYEAFPK	49	>KIT-E338K-r LIVEYKAFPK	128	79
>KIT-E338K-v LIVEYEAF	109	>KIT-E338K-r LIVEYKAF	162	53
>KIT-E338K-v LIVEYEAF	75	>KIT-E338K-r LIVEYKAF	62	13
>KIT-E338K-v LIVEYEAF	749	>KIT-E338K-r LIVEYKAF	450	299
>KIT-E338K-v LIVEYEAF	148	>KIT-E338K-r LIVEYKAF	353	205
>KIT-E338K-v LIVEYEAF	489	>KIT-E338K-r LIVEYKAF	208	281
>KIT-E338K-v DLIVEYEAF	138	>KIT-E338K-r DLIVEYKAF	391	253
>KIT-E338K-v DLIVEYEAFPK	131	>KIT-E338K-r DLIVEYKAFPK	224	93
>KIT-E338K-v DLIVEYEAF	446	>KIT-E338K-r DLIVEYKAF	276	170
>KIT-E338K-v NVDLIVEYE	25856	>KIT-E338K-r NVDLIVEYK	116	25740
>KIT-E338K-v NVDLIVEYE	6947	>KIT-E338K-r NVDLIVEYK	28	6919
>KIT-E338K-v ENVDLIVEYE	23754	>KIT-E338K-r ENVDLIVEYK	173	23581
>KIT-E338K-v ENVDLIVEYE/	112	>KIT-E338K-r ENVDLIVEYK/	284	172
>KIT-E53K-wi EIRLLCTDPG	15622	>KIT-E53K-m KIRLLCTDPG	398	15224
>KIT-E53K-wi EIRLLCTDPGF	2162	>KIT-E53K-m KIRLLCTDPGF	410	1752
>KIT-E53K-wi EIRLLCTDPGF	2262	>KIT-E53K-m KIRLLCTDPGF	125	2137
>KIT-E53K-wi DEIRLLCTD	108	>KIT-E53K-m DKIRLLCTD	18418	18310
>KIT-E53K-wi RVGDEIRL	330	>KIT-E53K-m RVGDKIRL	389	59

>KIT-E53K-wi VRVGDEIRLL	259	>KIT-E53K-m VRVGDKIRLL	233	26
>KIT-E53K-wi VRVGDEIRLL	548	>KIT-E53K-m VRVGDKIRLL	406	142
>KIT-E53K-wi IVRVGDEIRL	1100	>KIT-E53K-m IVRVGDKIRL	495	605
>KIT-E53K-wi IVRVGDEIRLL	401	>KIT-E53K-m IVRVGDKIRLL	169	232
>KIT-E53K-wi IVRVGDEIR	468	>KIT-E53K-m IVRVGDKIR	702	234
>KIT-E53K-wi IVRVGDEIRL	487	>KIT-E53K-m IVRVGDKIRL	429	58
>KIT-E53K-wi IVRVGDEIRLL	904	>KIT-E53K-m IVRVGDKIRLL	465	439
>KIT-E53K-wi LIVRVGDEI	462	>KIT-E53K-m LIVRVGDKI	1838	1376
>KIT-E53K-wi LIVRVGDEI	330	>KIT-E53K-m LIVRVGDKI	988	658
>KIT-E53K-wi LIVRVGDEIRL	225	>KIT-E53K-m LIVRVGDKIRL	268	43
>KIT-E53K-wi LIVRVGDEIR	182	>KIT-E53K-m LIVRVGDKIR	1367	1185
>KIT-E53K-wi DLIVRVGDEIF	112	>KIT-E53K-m DLIVRVGDKIF	157	45
>KIT-E53K-wi DLIVRVGDEIF	201	>KIT-E53K-m DLIVRVGDKIF	521	320
>KIT-E53K-wi SDLIVRVGDE	86	>KIT-E53K-m SDLIVRVGDK	168	82
>KIT-E53K-wi SDLIVRVGDE	350	>KIT-E53K-m SDLIVRVGDK	248	102
>KIT-E53K-wi SDLIVRVGDE	110	>KIT-E53K-m SDLIVRVGDK	123	13
>KIT-E554A-v EVQWKVVEE	1717	>KIT-E554A-r AVQWKVVEE	119	1598
>KIT-E554A-v EVQWKVVEE	9423	>KIT-E554A-r AVQWKVVEE	473	8950
>KIT-E554A-v EVQWKVVEE	518	>KIT-E554A-r AVQWKVVEE	78	440
>KIT-E554A-v EVQWKVVEE	147	>KIT-E554A-r AVQWKVVEE	6838	6691
>KIT-E554A-v YEVQWKVVE	12118	>KIT-E554A-r YAVQWKVVE	264	11854
>KIT-E554A-v YEVQWKVV	10	>KIT-E554A-r YAVQWKVV	10447	10437
>KIT-E554A-v YEVQWKVVE	11	>KIT-E554A-r YAVQWKVVE	3825	3814
>KIT-E554A-v YEVQWKVV	1283	>KIT-E554A-r YAVQWKVV	146	1137
>KIT-E554A-v YEVQWKVVE	964	>KIT-E554A-r YAVQWKVVE	99	865
>KIT-E554A-v YEVQWKVV	1223	>KIT-E554A-r YAVQWKVV	79	1144
>KIT-E554A-v YEVQWKVVE	1241	>KIT-E554A-r YAVQWKVVE	72	1169
>KIT-E554A-v YEVQWKVV	1514	>KIT-E554A-r YAVQWKVV	50	1464
>KIT-E554A-v YEVQWKVVE	9152	>KIT-E554A-r YAVQWKVVE	175	8977
>KIT-E554A-v YEVQWKVV	10243	>KIT-E554A-r YAVQWKVV	268	9975
>KIT-E554A-v YEVQWKVVE	10350	>KIT-E554A-r YAVQWKVVE	151	10199
>KIT-E554A-v YEVQWKVV	373	>KIT-E554A-r YAVQWKVV	23034	22661
>KIT-E554A-v YEVQWKVVE	343	>KIT-E554A-r YAVQWKVVE	23270	22927
>KIT-E554A-v YEVQWKVV	307	>KIT-E554A-r YAVQWKVV	22302	21995
>KIT-E554A-v YEVQWKVVE	59	>KIT-E554A-r YAVQWKVVE	19619	19560
>KIT-E554A-v YEVQWKVV	169	>KIT-E554A-r YAVQWKVV	26859	26690
>KIT-E554A-v YEVQWKVVE	176	>KIT-E554A-r YAVQWKVVE	31701	31525
>KIT-E554A-v YEVQWKVVE	14030	>KIT-E554A-r YAVQWKVVE	384	13646
>KIT-E554A-v YEVQWKVVE	3	>KIT-E554A-r YAVQWKVVE	2479	2476
>KIT-E554A-v TYKYLQKPM\	3851	>KIT-E554A-r TYKYLQKPM\	50	3801
>KIT-E554A-v MYEVQWKV	5621	>KIT-E554A-r MYAVQWKV	374	5247
>KIT-E554A-v MYEVQWKV	652	>KIT-E554A-r MYAVQWKV	161	491
>KIT-E554A-v MYEVQWKV	246	>KIT-E554A-r MYAVQWKV	63	183

>KIT-E554A-v MYEVQWKV'	2129	>KIT-E554A-r MYAVQWKV'	452	1677
>KIT-E554A-v MYEVQWKV	7231	>KIT-E554A-r MYAVQWKV	344	6887
>KIT-E554A-v MYEVQWKV	488	>KIT-E554A-r MYAVQWKV	295	193
>KIT-E554A-v PMYEVQWK\	17	>KIT-E554A-r PMYAVQWK\	27	10
>KIT-E554A-v PMYEVQWK\	18	>KIT-E554A-r PMYAVQWK\	20	2
>KIT-E554A-v PMYEVQWK\	48	>KIT-E554A-r PMYAVQWK\	75	27
>KIT-E554A-v PMYEVQWK\	33	>KIT-E554A-r PMYAVQWK\	118	85
>KIT-E554A-v PMYEVQWK\	1	>KIT-E554A-r PMYAVQWK\	2	1
>KIT-E554A-v PMYEVQWK\	4	>KIT-E554A-r PMYAVQWK\	6	2
>KIT-E554A-v PMYEVQWK\	5	>KIT-E554A-r PMYAVQWK\	13	8
>KIT-E554A-v PMYEVQWK\	97	>KIT-E554A-r PMYAVQWK\	273	176
>KIT-E554A-v PMYEVQWK\	4	>KIT-E554A-r PMYAVQWK\	5	1
>KIT-E554A-v PMYEVQWK\	11	>KIT-E554A-r PMYAVQWK\	17	6
>KIT-E554A-v PMYEVQWK\	3	>KIT-E554A-r PMYAVQWK\	4	1
>KIT-E554A-v PMYEVQWK\	54	>KIT-E554A-r PMYAVQWK\	155	101
>KIT-E554A-v PMYEVQWK\	2	>KIT-E554A-r PMYAVQWK\	3	1
>KIT-E554A-v PMYEVQWK\	10	>KIT-E554A-r PMYAVQWK\	15	5
>KIT-E554A-v PMYEVQWK	129	>KIT-E554A-r PMYAVQWK	75	54
>KIT-E554A-v PMYEVQWK\	145	>KIT-E554A-r PMYAVQWK\	587	442
>KIT-E554A-v KPMYEVQW	1456	>KIT-E554A-r KPMYAVQW	185	1271
>KIT-E554A-v KPMYEVQW\	157	>KIT-E554A-r KPMYAVQW\	35	122
>KIT-E554A-v KPMYEVQW\	136	>KIT-E554A-r KPMYAVQW\	38	98
>KIT-E554A-v KPMYEVQW	20	>KIT-E554A-r KPMYAVQW	28	8
>KIT-E554A-v KPMYEVQW\	68	>KIT-E554A-r KPMYAVQW\	35	33
>KIT-E554A-v KPMYEVQW	536	>KIT-E554A-r KPMYAVQW	354	182
>KIT-E554A-v KPMYEVQW	199	>KIT-E554A-r KPMYAVQW	118	81
>KIT-E554A-v KPMYEVQW	9	>KIT-E554A-r KPMYAVQW	7	2
>KIT-E554A-v LQKPMYEV	327	>KIT-E554A-r LQKPMYAV	443	116
>KIT-E554A-v LQKPMYEV	48	>KIT-E554A-r LQKPMYAV	27	21
>KIT-E554A-v LQKPMYEV	34	>KIT-E554A-r LQKPMYAV	25	9
>KIT-E554A-v LQKPMYEV	318	>KIT-E554A-r LQKPMYAV	622	304
>KIT-E554A-v LQKPMYEVQ	243	>KIT-E554A-r LQKPMYAVQ	41	202
>KIT-E554A-v LQKPMYEVQ	415	>KIT-E554A-r LQKPMYAVQ	176	239
>KIT-E554A-v LQKPMYEV	403	>KIT-E554A-r LQKPMYAV	143	260
>KIT-E554A-v LQKPMYEVQ	230	>KIT-E554A-r LQKPMYAVQ	140	90
>KIT-E554A-v LQKPMYEVQ	247	>KIT-E554A-r LQKPMYAVQ	136	111
>KIT-E554A-v LQKPMYEV	155	>KIT-E554A-r LQKPMYAV	64	91
>KIT-E554A-v LQKPMYEVQ	225	>KIT-E554A-r LQKPMYAVQ	152	73
>KIT-E554A-v LQKPMYEVQ	692	>KIT-E554A-r LQKPMYAVQ	184	508
>KIT-E554A-v LQKPMYEVQ	168	>KIT-E554A-r LQKPMYAVQ	113	55
>KIT-E554A-v LQKPMYEVQ	230	>KIT-E554A-r LQKPMYAVQ	254	24
>KIT-E554A-v YLQKPMYE	12946	>KIT-E554A-r YLQKPMYA	18	12928
>KIT-E554A-v YLQKPMYEV	7	>KIT-E554A-r YLQKPMYAV	8	1

>KIT-E554A-\YLQKPMYE	7212	>KIT-E554A-r YLQKPMYA	39	7173
>KIT-E554A-\YLQKPMYEV	5	>KIT-E554A-r YLQKPMYAV	5	0
>KIT-E554A-\YLQKPMYE	11322	>KIT-E554A-r YLQKPMYA	14	11308
>KIT-E554A-\YLQKPMYEV	7	>KIT-E554A-r YLQKPMYAV	5	2
>KIT-E554A-\YLQKPMYE	17843	>KIT-E554A-r YLQKPMYA	292	17551
>KIT-E554A-\YLQKPMYEV	13	>KIT-E554A-r YLQKPMYAV	9	4
>KIT-E554A-\YLQKPMYE	1672	>KIT-E554A-r YLQKPMYA	4	1668
>KIT-E554A-\YLQKPMYEV	1	>KIT-E554A-r YLQKPMYAV	1	0
>KIT-E554A-\YLQKPMYE	4671	>KIT-E554A-r YLQKPMYA	9	4662
>KIT-E554A-\YLQKPMYEV	2	>KIT-E554A-r YLQKPMYAV	2	0
>KIT-E554A-\YLQKPMYE	12443	>KIT-E554A-r YLQKPMYA	30	12413
>KIT-E554A-\YLQKPMYEV	6	>KIT-E554A-r YLQKPMYAV	8	2
>KIT-E554A-\YLQKPMYE	18519	>KIT-E554A-r YLQKPMYA	60	18459
>KIT-E554A-\YLQKPMYEV	3	>KIT-E554A-r YLQKPMYAV	5	2
>KIT-E554A-\YLQKPMYE	1697	>KIT-E554A-r YLQKPMYA	5	1692
>KIT-E554A-\YLQKPMYEV	2	>KIT-E554A-r YLQKPMYAV	2	0
>KIT-E554A-\YLQKPMYEV\	77	>KIT-E554A-r YLQKPMYAV\	54	23
>KIT-E554A-\YLQKPMYEV	93	>KIT-E554A-r YLQKPMYAV	129	36
>KIT-E554A-\YLQKPMYEV	55	>KIT-E554A-r YLQKPMYAV	41	14
>KIT-E554A-\YLQKPMYEV	1072	>KIT-E554A-r YLQKPMYAV	332	740
>KIT-E554A-\YLQKPMYEV\	124	>KIT-E554A-r YLQKPMYAV\	64	60
>KIT-E554A-\KYLQKPMYE\	100	>KIT-E554A-r KYLQKPMYA\	100	0
>KIT-E554A-\KYLQKPMYE\	307	>KIT-E554A-r KYLQKPMYA\	826	519
>KIT-E554A-\KYLQKPMYE	582	>KIT-E554A-r KYLQKPMYA	245	337
>KIT-E554A-\KYLQKPMYE\	28	>KIT-E554A-r KYLQKPMYA\	62	34
>KIT-E554A-\KYLQKPMYE\	360	>KIT-E554A-r KYLQKPMYA\	453	93
>KIT-E554A-\KYLQKPMYE	2165	>KIT-E554A-r KYLQKPMYA	22	2143
>KIT-E554A-\KYLQKPMYE\	471	>KIT-E554A-r KYLQKPMYA\	303	168
>KIT-E554A-\KYLQKPMYE\	1099	>KIT-E554A-r KYLQKPMYA\	443	656
>KIT-E554A-\KYLQKPMYE	82	>KIT-E554A-r KYLQKPMYA	80	2
>KIT-E554A-\KYLQKPMYE\	121	>KIT-E554A-r KYLQKPMYA\	75	46
>KIT-E554A-\KYLQKPMYE	331	>KIT-E554A-r KYLQKPMYA	64	267
>KIT-E554A-\KYLQKPMYE\	56	>KIT-E554A-r KYLQKPMYA\	27	29
>KIT-E554A-\KYLQKPMYE\	391	>KIT-E554A-r KYLQKPMYA\	493	102
>KIT-E554A-\YKYLQKPMYE	499	>KIT-E554A-r YKYLQKPMY/	899	400
>KIT-E554A-\YKYLQKPMYE	447	>KIT-E554A-r YKYLQKPMY/	312	135
>KIT-E554A-\YKYLQKPMYE	121	>KIT-E554A-r YKYLQKPMY/	127	6
>KIT-E554A-\YKYLQKPMYE	356	>KIT-E554A-r YKYLQKPMY/	971	615
>KIT-E554A-\YKYLQKPMYE	365	>KIT-E554A-r YKYLQKPMY/	892	527
>KIT-E554A-\YKYLQKPMYE	2189	>KIT-E554A-r YKYLQKPMY/	194	1995
>KIT-E554A-\YKYLQKPMYE	39	>KIT-E554A-r YKYLQKPMY/	21	18
>KIT-E554A-\YKYLQKPMYE	2296	>KIT-E554A-r YKYLQKPMY/	255	2041
>KIT-E554D-\EVQWKVVEE	147	>KIT-E554D-r DVQWKVVEE	830	683

>KIT-E554D-\ YEVDQWKVV	10	>KIT-E554D-r YDVQWKVV	448	438
>KIT-E554D-\ YEVDQWKVVE	11	>KIT-E554D-r YDVQWKVVE	251	240
>KIT-E554D-\ YEVDQWKVV	373	>KIT-E554D-r YDVQWKVV	17378	17005
>KIT-E554D-\ YEVDQWKVVE	343	>KIT-E554D-r YDVQWKVVE	16715	16372
>KIT-E554D-\ YEVDQWKVV	307	>KIT-E554D-r YDVQWKVV	21449	21142
>KIT-E554D-\ YEVDQWKVVE	59	>KIT-E554D-r YDVQWKVVE	16311	16252
>KIT-E554D-\ YEVDQWKVV	169	>KIT-E554D-r YDVQWKVV	1237	1068
>KIT-E554D-\ YEVDQWKVVE	176	>KIT-E554D-r YDVQWKVVE	2103	1927
>KIT-E554D-\ YEVDQWKVVE	3	>KIT-E554D-r YDVQWKVVE	24	21
>KIT-E554D-\ YEVDQWKVVE	10260	>KIT-E554D-r YDVQWKVVE	262	9998
>KIT-E554D-\ MYEVDQWKV	652	>KIT-E554D-r MYDVQWKV	374	278
>KIT-E554D-\ MYEVDQWKV	246	>KIT-E554D-r MYDVQWKV	334	88
>KIT-E554D-\ MYEVDQWKV	488	>KIT-E554D-r MYDVQWKV	675	187
>KIT-E554D-\ PMYEVDQWK\	17	>KIT-E554D-r PMYDVQWK\	16	1
>KIT-E554D-\ PMYEVDQWK\	18	>KIT-E554D-r PMYDVQWK\	14	4
>KIT-E554D-\ PMYEVDQWK\	48	>KIT-E554D-r PMYDVQWK\	50	2
>KIT-E554D-\ PMYEVDQWK\	33	>KIT-E554D-r PMYDVQWK\	38	5
>KIT-E554D-\ PMYEVDQWK\	1	>KIT-E554D-r PMYDVQWK\	1	0
>KIT-E554D-\ PMYEVDQWK\	4	>KIT-E554D-r PMYDVQWK\	4	0
>KIT-E554D-\ PMYEVDQWK\	5	>KIT-E554D-r PMYDVQWK\	5	0
>KIT-E554D-\ PMYEVDQWK\	97	>KIT-E554D-r PMYDVQWK\	119	22
>KIT-E554D-\ PMYEVDQWK\	4	>KIT-E554D-r PMYDVQWK\	4	0
>KIT-E554D-\ PMYEVDQWK\	11	>KIT-E554D-r PMYDVQWK\	12	1
>KIT-E554D-\ PMYEVDQWK\	3	>KIT-E554D-r PMYDVQWK\	2	1
>KIT-E554D-\ PMYEVDQWK\	54	>KIT-E554D-r PMYDVQWK\	50	4
>KIT-E554D-\ PMYEVDQWK\	2	>KIT-E554D-r PMYDVQWK\	2	0
>KIT-E554D-\ PMYEVDQWK\	10	>KIT-E554D-r PMYDVQWK\	7	3
>KIT-E554D-\ PMYEVDQWK	129	>KIT-E554D-r PMYDVQWK	190	61
>KIT-E554D-\ PMYEVDQWK\	145	>KIT-E554D-r PMYDVQWK\	318	173
>KIT-E554D-\ KPMYEVDQW	157	>KIT-E554D-r KPMYDVQW	55	102
>KIT-E554D-\ KPMYEVDQW	136	>KIT-E554D-r KPMYDVQW	77	59
>KIT-E554D-\ KPMYEVDQW	20	>KIT-E554D-r KPMYDVQW	19	1
>KIT-E554D-\ KPMYEVDQW	68	>KIT-E554D-r KPMYDVQW	49	19
>KIT-E554D-\ KPMYEVDQW	199	>KIT-E554D-r KPMYDVQW	162	37
>KIT-E554D-\ KPMYEVDQW	9	>KIT-E554D-r KPMYDVQW	7	2
>KIT-E554D-\ LQKPMYEV	327	>KIT-E554D-r LQKPMYDV	2669	2342
>KIT-E554D-\ LQKPMYEV	48	>KIT-E554D-r LQKPMYDV	125	77
>KIT-E554D-\ LQKPMYEV	34	>KIT-E554D-r LQKPMYDV	286	252
>KIT-E554D-\ LQKPMYEV	318	>KIT-E554D-r LQKPMYDV	1591	1273
>KIT-E554D-\ LQKPMYEVQ	243	>KIT-E554D-r LQKPMYDVQ	285	42
>KIT-E554D-\ LQKPMYEVQ	415	>KIT-E554D-r LQKPMYDVQ	573	158
>KIT-E554D-\ LQKPMYEV	403	>KIT-E554D-r LQKPMYDV	1248	845
>KIT-E554D-\ LQKPMYEVQ	230	>KIT-E554D-r LQKPMYDVQ	626	396

>KIT-E554D-\ LQKPMYEVQ	247	>KIT-E554D-r LQKPMYDVQ	189	58
>KIT-E554D-\ LQKPMYEV	155	>KIT-E554D-r LQKPMYDV	321	166
>KIT-E554D-\ LQKPMYEVQ	225	>KIT-E554D-r LQKPMYDVQ	423	198
>KIT-E554D-\ LQKPMYEVQ	168	>KIT-E554D-r LQKPMYDVQ	97	71
>KIT-E554D-\ LQKPMYEVQ	230	>KIT-E554D-r LQKPMYDVQ	162	68
>KIT-E554D-\ YLQKPMYEV	7	>KIT-E554D-r YLQKPMYDV	14	7
>KIT-E554D-\ YLQKPMYEV	5	>KIT-E554D-r YLQKPMYDV	22	17
>KIT-E554D-\ YLQKPMYEV	7	>KIT-E554D-r YLQKPMYDV	15	8
>KIT-E554D-\ YLQKPMYEV	13	>KIT-E554D-r YLQKPMYDV	60	47
>KIT-E554D-\ YLQKPMYEV	1	>KIT-E554D-r YLQKPMYDV	3	2
>KIT-E554D-\ YLQKPMYEV	2	>KIT-E554D-r YLQKPMYDV	3	1
>KIT-E554D-\ YLQKPMYEV	6	>KIT-E554D-r YLQKPMYDV	10	4
>KIT-E554D-\ YLQKPMYEV	3	>KIT-E554D-r YLQKPMYDV	11	8
>KIT-E554D-\ YLQKPMYEV	2	>KIT-E554D-r YLQKPMYDV	2	0
>KIT-E554D-\ YLQKPMYEV(	77	>KIT-E554D-r YLQKPMYDV(	211	134
>KIT-E554D-\ YLQKPMYEV	93	>KIT-E554D-r YLQKPMYDV	876	783
>KIT-E554D-\ YLQKPMYEV	55	>KIT-E554D-r YLQKPMYDV	381	326
>KIT-E554D-\ YLQKPMYEV(	124	>KIT-E554D-r YLQKPMYDV(	122	2
>KIT-E554D-\ KYLQKPMYEV	100	>KIT-E554D-r KYLQKPMYD'	879	779
>KIT-E554D-\ KYLQKPMYEV	307	>KIT-E554D-r KYLQKPMYD'	1133	826
>KIT-E554D-\ KYLQKPMYEV	28	>KIT-E554D-r KYLQKPMYD'	91	63
>KIT-E554D-\ KYLQKPMYEV	360	>KIT-E554D-r KYLQKPMYD'	334	26
>KIT-E554D-\ KYLQKPMYEV	471	>KIT-E554D-r KYLQKPMYD'	1229	758
>KIT-E554D-\ KYLQKPMYEV	82	>KIT-E554D-r KYLQKPMYD	501	419
>KIT-E554D-\ KYLQKPMYEV	121	>KIT-E554D-r KYLQKPMYD'	144	23
>KIT-E554D-\ KYLQKPMYEV	331	>KIT-E554D-r KYLQKPMYD	435	104
>KIT-E554D-\ KYLQKPMYEV	56	>KIT-E554D-r KYLQKPMYD'	111	55
>KIT-E554D-\ KYLQKPMYEV	391	>KIT-E554D-r KYLQKPMYD'	255	136
>KIT-E554D-\ KYLQKPMYEV	499	>KIT-E554D-r KYLQKPMYD'	834	335
>KIT-E554D-\ KYLQKPMYEV	447	>KIT-E554D-r KYLQKPMYD'	2942	2495
>KIT-E554D-\ KYLQKPMYEV	121	>KIT-E554D-r KYLQKPMYD'	880	759
>KIT-E554D-\ KYLQKPMYEV	356	>KIT-E554D-r KYLQKPMYD'	1289	933
>KIT-E554D-\ KYLQKPMYEV	365	>KIT-E554D-r KYLQKPMYD'	1327	962
>KIT-E554D-\ KYLQKPMYEV	39	>KIT-E554D-r KYLQKPMYD'	60	21
>KIT-E554G-\ EVQWKVVEE	1717	>KIT-E554G-r EVQWKVVEE	223	1494
>KIT-E554G-\ EVQWKVVEE	518	>KIT-E554G-r EVQWKVVEE	330	188
>KIT-E554G-\ EVQWKVVEE	147	>KIT-E554G-r EVQWKVVEE	11254	11107
>KIT-E554G-\ YEVQWKVV	10	>KIT-E554G-r YGVQWKVV	24921	24911
>KIT-E554G-\ YEVQWKVVE	11	>KIT-E554G-r YGVQWKVVE	4770	4759
>KIT-E554G-\ YEVQWKVV	373	>KIT-E554G-r YGVQWKVV	24573	24200
>KIT-E554G-\ YEVQWKVVE	343	>KIT-E554G-r YGVQWKVVE	24657	24314
>KIT-E554G-\ YEVQWKVV	307	>KIT-E554G-r YGVQWKVV	23655	23348
>KIT-E554G-\ YEVQWKVVE	59	>KIT-E554G-r YGVQWKVVE	22233	22174

>KIT-E554G-\ YEVQWKVV	169	>KIT-E554G-r YGVQWKVV	30303	30134
>KIT-E554G-\ YEVQWKVVE	176	>KIT-E554G-r YGVQWKVVE	33722	33546
>KIT-E554G-\ YEVQWKVVE	3	>KIT-E554G-r YGVQWKVVE	5547	5544
>KIT-E554G-\ MYEVQWKV	652	>KIT-E554G-r MYGVQWKV	297	355
>KIT-E554G-\ MYEVQWKV	246	>KIT-E554G-r MYGVQWKV	65	181
>KIT-E554G-\ MYEVQWKV\	2129	>KIT-E554G-r MYGVQWKV	464	1665
>KIT-E554G-\ MYEVQWKV	488	>KIT-E554G-r MYGVQWKV	869	381
>KIT-E554G-\ PMYEVQWK\	17	>KIT-E554G-r PMYGVQWK\	44	27
>KIT-E554G-\ PMYEVQWK\	18	>KIT-E554G-r PMYGVQWK\	26	8
>KIT-E554G-\ PMYEVQWK\	48	>KIT-E554G-r PMYGVQWK\	151	103
>KIT-E554G-\ PMYEVQWK\	33	>KIT-E554G-r PMYGVQWK\	209	176
>KIT-E554G-\ PMYEVQWK\	1	>KIT-E554G-r PMYGVQWK\	2	1
>KIT-E554G-\ PMYEVQWK\	4	>KIT-E554G-r PMYGVQWK\	5	1
>KIT-E554G-\ PMYEVQWK\	5	>KIT-E554G-r PMYGVQWK\	18	13
>KIT-E554G-\ PMYEVQWK\	97	>KIT-E554G-r PMYGVQWK\	346	249
>KIT-E554G-\ PMYEVQWK\	4	>KIT-E554G-r PMYGVQWK\	4	0
>KIT-E554G-\ PMYEVQWK\	11	>KIT-E554G-r PMYGVQWK\	15	4
>KIT-E554G-\ PMYEVQWK\	3	>KIT-E554G-r PMYGVQWK\	4	1
>KIT-E554G-\ PMYEVQWK\	54	>KIT-E554G-r PMYGVQWK\	111	57
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>KIT-E554G-\ PMYEVQWK\	10	>KIT-E554G-r PMYGVQWK\	10	0
>KIT-E554G-\ PMYEVQWK	129	>KIT-E554G-r PMYGVQWK	95	34
>KIT-E554G-\ PMYEVQWK\	145	>KIT-E554G-r PMYGVQWK\	1115	970
>KIT-E554G-\ KPMYEVQW	1456	>KIT-E554G-r KPMYGVQW	106	1350
>KIT-E554G-\ KPMYEVQW\	157	>KIT-E554G-r KPMYGVQW\	40	117
>KIT-E554G-\ KPMYEVQW\	136	>KIT-E554G-r KPMYGVQW\	40	96
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>KIT-E554G-\ LQKPMYEV	34	>KIT-E554G-r LQKPMYGV	46	12
>KIT-E554G-\ LQKPMYEV	318	>KIT-E554G-r LQKPMYGV	631	313
>KIT-E554G-\ LQKPMYEVQ	243	>KIT-E554G-r LQKPMYGVQ	79	164
>KIT-E554G-\ LQKPMYEVQ	415	>KIT-E554G-r LQKPMYGVQ	300	115
>KIT-E554G-\ LQKPMYEV	403	>KIT-E554G-r LQKPMYGV	464	61
>KIT-E554G-\ LQKPMYEVQ	230	>KIT-E554G-r LQKPMYGVQ	322	92
>KIT-E554G-\ LQKPMYEVQ	247	>KIT-E554G-r LQKPMYGVQ	122	125
>KIT-E554G-\ LQKPMYEV	155	>KIT-E554G-r LQKPMYGV	507	352
>KIT-E554G-\ LQKPMYEVQ	225	>KIT-E554G-r LQKPMYGVQ	205	20
>KIT-E554G-\ LQKPMYEVQ	692	>KIT-E554G-r LQKPMYGVQ	482	210



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>KIT-E554G-\YLQKPMYEV	7	>KIT-E554G-r YLQKPMYGV	5	2
>KIT-E554G-\YLQKPMYEV	13	>KIT-E554G-r YLQKPMYGV	9	4
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>KIT-E554G-\YLQKPMYEV	1	>KIT-E554G-r YLQKPMYGV	1	0
>KIT-E554G-\YLQKPMYEV	2	>KIT-E554G-r YLQKPMYGV	2	0
>KIT-E554G-\YLQKPMYEV	6	>KIT-E554G-r YLQKPMYGV	6	0
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>KIT-E554G-\YLQKPMYEV	2	>KIT-E554G-r YLQKPMYGV	2	0
>KIT-E554G-\YLQKPMYEV(	77	>KIT-E554G-r YLQKPMYGV(	234	157
>KIT-E554G-\YLQKPMYEV	93	>KIT-E554G-r YLQKPMYGV	100	7
>KIT-E554G-\YLQKPMYEV	55	>KIT-E554G-r YLQKPMYGV	26	29
>KIT-E554G-\YLQKPMYEV(	1384	>KIT-E554G-r YLQKPMYGV(	470	914
>KIT-E554G-\YLQKPMYEV(	124	>KIT-E554G-r YLQKPMYGV(	75	49
>KIT-E554G-\KYLQKPMYE\	100	>KIT-E554G-r KYLQKPMYG'	94	6
>KIT-E554G-\KYLQKPMYE\	307	>KIT-E554G-r KYLQKPMYG'	288	19
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>KIT-E554G-\KYLQKPMYE\	360	>KIT-E554G-r KYLQKPMYG'	417	57
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>KIT-E554G-\KYLQKPMYE\	471	>KIT-E554G-r KYLQKPMYG'	694	223
>KIT-E554G-\KYLQKPMYE	82	>KIT-E554G-r KYLQKPMYG	393	311
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>KIT-E554G-\KYLQKPMYE	331	>KIT-E554G-r KYLQKPMYG	206	125
>KIT-E554G-\KYLQKPMYE\	56	>KIT-E554G-r KYLQKPMYG'	84	28
>KIT-E554G-\KYLQKPMYE\	391	>KIT-E554G-r KYLQKPMYG'	362	29
>KIT-E554G-\YKYLQKPMYE	499	>KIT-E554G-r YKYLQKPMYC	750	251
>KIT-E554G-\YKYLQKPMYE	447	>KIT-E554G-r YKYLQKPMYC	398	49
>KIT-E554G-\YKYLQKPMYE	121	>KIT-E554G-r YKYLQKPMYC	119	2
>KIT-E554G-\YKYLQKPMYE	356	>KIT-E554G-r YKYLQKPMYC	379	23
>KIT-E554G-\YKYLQKPMYE	365	>KIT-E554G-r YKYLQKPMYC	548	183
>KIT-E554G-\YKYLQKPMYE	39	>KIT-E554G-r YKYLQKPMYC	91	52
>KIT-E554K-v EVQWKVVEE	1717	>KIT-E554K-r KVQWKVVEE	99	1618
>KIT-E554K-v EVQWKVVEE	518	>KIT-E554K-r KVQWKVVEE	14	504
>KIT-E554K-v EVQWKVVEE	147	>KIT-E554K-r KVQWKVVEE	8549	8402
>KIT-E554K-v YEVQWKVV	10	>KIT-E554K-r YKVQWKVV	5227	5217
>KIT-E554K-v YEVQWKVVE	11	>KIT-E554K-r YKVQWKVVE	451	440
>KIT-E554K-v YEVQWKVV	2442	>KIT-E554K-r YKVQWKVV	77	2365
>KIT-E554K-v YEVQWKVVE	2100	>KIT-E554K-r YKVQWKVVE	86	2014
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>KIT-E554K-v YEVQWKVVE	1307	>KIT-E554K-r YKVQWKVVE	498	809
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>KIT-E554K-v YEVQWKVVE	3	>KIT-E554K-r YKVQWKVVE	567	564
>KIT-E554K-v TYKYLQKPM\	3851	>KIT-E554K-r TYKYLQKPM\	6	3845
>KIT-E554K-v TYKYLQKPM\	7127	>KIT-E554K-r TYKYLQKPM\	60	7067
>KIT-E554K-v TYKYLQKPM\	8225	>KIT-E554K-r TYKYLQKPM\	274	7951
>KIT-E554K-v TYKYLQKPM\	7834	>KIT-E554K-r TYKYLQKPM\	88	7746
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>KIT-E554K-v MYEVQWKV	7797	>KIT-E554K-r MYKVQWKV	67	7730
>KIT-E554K-v MYEVQWKV\	4099	>KIT-E554K-r MYKVQWKV\	18	4081
>KIT-E554K-v MYEVQWKV	488	>KIT-E554K-r MYKVQWKV	808	320
>KIT-E554K-v PMYEVQWK\	17	>KIT-E554K-r PMYKVQWK\	73	56
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>KIT-E554K-v PMYEVQWK\	33	>KIT-E554K-r PMYKVQWK\	401	368
>KIT-E554K-v PMYEVQWK\	1	>KIT-E554K-r PMYKVQWK\	2	1
>KIT-E554K-v PMYEVQWK\	4	>KIT-E554K-r PMYKVQWK\	8	4
>KIT-E554K-v PMYEVQWK\	5	>KIT-E554K-r PMYKVQWK\	20	15
>KIT-E554K-v PMYEVQWK\	97	>KIT-E554K-r PMYKVQWK\	387	290
>KIT-E554K-v PMYEVQWK\	4	>KIT-E554K-r PMYKVQWK\	5	1
>KIT-E554K-v PMYEVQWK\	11	>KIT-E554K-r PMYKVQWK\	21	10
>KIT-E554K-v PMYEVQWK\	3	>KIT-E554K-r PMYKVQWK\	7	4
>KIT-E554K-v PMYEVQWK\	54	>KIT-E554K-r PMYKVQWK\	339	285
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>KIT-E554K-v PMYEVQWK\	10	>KIT-E554K-r PMYKVQWK\	22	12
>KIT-E554K-v PMYEVQWK	129	>KIT-E554K-r PMYKVQWK	85	44
>KIT-E554K-v PMYEVQWK\	145	>KIT-E554K-r PMYKVQWK\	1271	1126
>KIT-E554K-v KPMYEVQW	1456	>KIT-E554K-r KPMYKVQW	187	1269
>KIT-E554K-v KPMYEVQW\	157	>KIT-E554K-r KPMYKVQW\	36	121
>KIT-E554K-v KPMYEVQW\	136	>KIT-E554K-r KPMYKVQW\	41	95
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>KIT-E554K-v KPMYEVQW	20	>KIT-E554K-r KPMYKVQW	36	16
>KIT-E554K-v KPMYEVQW\	68	>KIT-E554K-r KPMYKVQW\	47	21
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>KIT-E554K-v KPMYEVQW	9	>KIT-E554K-r KPMYKVQW	10	1
>KIT-E554K-v LQKPMYEV	327	>KIT-E554K-r LQKPMYKV	1329	1002
>KIT-E554K-v LQKPMYEV	48	>KIT-E554K-r LQKPMYKV	86	38
>KIT-E554K-v LQKPMYEV	34	>KIT-E554K-r LQKPMYKV	199	165

>KIT-E554K-v LQKPMYEV	318	>KIT-E554K-r LQKPMYKV	920	602
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>KIT-E554K-v LQKPMYEVQ	415	>KIT-E554K-r LQKPMYKVQ	221	194
>KIT-E554K-v LQKPMYEV	403	>KIT-E554K-r LQKPMYKV	1913	1510
>KIT-E554K-v LQKPMYEVQ	230	>KIT-E554K-r LQKPMYKVQ	621	391
>KIT-E554K-v LQKPMYEVQ	247	>KIT-E554K-r LQKPMYKVQ	268	21
>KIT-E554K-v LQKPMYEV	155	>KIT-E554K-r LQKPMYKV	309	154
>KIT-E554K-v LQKPMYEVQ	225	>KIT-E554K-r LQKPMYKVQ	236	11
>KIT-E554K-v LQKPMYEVQ	168	>KIT-E554K-r LQKPMYKVQ	322	154
>KIT-E554K-v LQKPMYEVQ	230	>KIT-E554K-r LQKPMYKVQ	260	30
>KIT-E554K-v YLQKPMYEV	7	>KIT-E554K-r YLQKPMYKV	9	2
>KIT-E554K-v YLQKPMYEV	5	>KIT-E554K-r YLQKPMYKV	9	4
>KIT-E554K-v YLQKPMYEV	7	>KIT-E554K-r YLQKPMYKV	9	2
>KIT-E554K-v YLQKPMYEV	13	>KIT-E554K-r YLQKPMYKV	27	14
>KIT-E554K-v YLQKPMYEV	1	>KIT-E554K-r YLQKPMYKV	2	1
>KIT-E554K-v YLQKPMYEV	2	>KIT-E554K-r YLQKPMYKV	3	1
>KIT-E554K-v YLQKPMYEV	6	>KIT-E554K-r YLQKPMYKV	7	1
>KIT-E554K-v YLQKPMYEV	3	>KIT-E554K-r YLQKPMYKV	4	1
>KIT-E554K-v YLQKPMYE	1697	>KIT-E554K-r YLQKPMYK	332	1365
>KIT-E554K-v YLQKPMYEV	2	>KIT-E554K-r YLQKPMYKV	2	0
>KIT-E554K-v YLQKPMYEVQ	77	>KIT-E554K-r YLQKPMYKVQ	219	142
>KIT-E554K-v YLQKPMYE	18511	>KIT-E554K-r YLQKPMYK	81	18430
>KIT-E554K-v YLQKPMYE	22474	>KIT-E554K-r YLQKPMYK	30	22444
>KIT-E554K-v YLQKPMYE	21695	>KIT-E554K-r YLQKPMYK	423	21272
>KIT-E554K-v YLQKPMYEV	93	>KIT-E554K-r YLQKPMYKV	255	162
>KIT-E554K-v YLQKPMYEV	55	>KIT-E554K-r YLQKPMYKV	84	29
>KIT-E554K-v YLQKPMYEVQ	124	>KIT-E554K-r YLQKPMYKVQ	153	29
>KIT-E554K-v KYLQKPMYEV	100	>KIT-E554K-r KYLQKPMYKV	225	125
>KIT-E554K-v KYLQKPMYEV	307	>KIT-E554K-r KYLQKPMYKV	612	305
>KIT-E554K-v KYLQKPMYE	20106	>KIT-E554K-r KYLQKPMYK	420	19686
>KIT-E554K-v KYLQKPMYE	27570	>KIT-E554K-r KYLQKPMYK	154	27416
>KIT-E554K-v KYLQKPMYE	8250	>KIT-E554K-r KYLQKPMYK	342	7908
>KIT-E554K-v KYLQKPMYE	582	>KIT-E554K-r KYLQKPMYK	220	362
>KIT-E554K-v KYLQKPMYEV	28	>KIT-E554K-r KYLQKPMYKV	48	20
>KIT-E554K-v KYLQKPMYEV	360	>KIT-E554K-r KYLQKPMYKV	559	199
>KIT-E554K-v KYLQKPMYE	2165	>KIT-E554K-r KYLQKPMYK	5	2160
>KIT-E554K-v KYLQKPMYEV	471	>KIT-E554K-r KYLQKPMYKV	633	162
>KIT-E554K-v KYLQKPMYE	6250	>KIT-E554K-r KYLQKPMYK	49	6201
>KIT-E554K-v KYLQKPMYE	82	>KIT-E554K-r KYLQKPMYK	9	73
>KIT-E554K-v KYLQKPMYEV	121	>KIT-E554K-r KYLQKPMYKV	80	41
>KIT-E554K-v KYLQKPMYE	331	>KIT-E554K-r KYLQKPMYK	262	69
>KIT-E554K-v KYLQKPMYEV	56	>KIT-E554K-r KYLQKPMYKV	85	29
>KIT-E554K-v KYLQKPMYEV	391	>KIT-E554K-r KYLQKPMYKV	427	36

>KIT-E554K-v YKYLQKPMYE	499	>KIT-E554K-r YKYLQKPMYf	1139	640
>KIT-E554K-v YKYLQKPMYE	447	>KIT-E554K-r YKYLQKPMYf	1754	1307
>KIT-E554K-v YKYLQKPMYE	121	>KIT-E554K-r YKYLQKPMYf	251	130
>KIT-E554K-v YKYLQKPMYE	356	>KIT-E554K-r YKYLQKPMYf	729	373
>KIT-E554K-v YKYLQKPMYE	365	>KIT-E554K-r YKYLQKPMYf	762	397
>KIT-E554K-v YKYLQKPMYE	2189	>KIT-E554K-r YKYLQKPMYf	199	1990
>KIT-E554K-v YKYLQKPMYE	39	>KIT-E554K-r YKYLQKPMYf	77	38
>KIT-E561D-\ EEINGNNYVY	76	>KIT-E561D-r DEINGNNY\	100	24
>KIT-E561D-\ EEINGNNY	230	>KIT-E561D-r DEINGNNY	1257	1027
>KIT-E561D-\ EEINGNNYVY	179	>KIT-E561D-r DEINGNNY\	897	718
>KIT-E561D-\ EEINGNNY	19	>KIT-E561D-r DEINGNNY	66	47
>KIT-E561D-\ EEINGNNYVY	134	>KIT-E561D-r DEINGNNY\	505	371
>KIT-E561D-\ EEINGNNYVY	328	>KIT-E561D-r DEINGNNY\	372	44
>KIT-E561D-\ EEINGNNYV	241	>KIT-E561D-r DEINGNNYV	2242	2001
>KIT-E561D-\ EEINGNNY	278	>KIT-E561D-r DEINGNNY	12	266
>KIT-E561D-\ EEINGNNYV	8467	>KIT-E561D-r DEINGNNYV	362	8105
>KIT-E561D-\ EEINGNNYVY	322	>KIT-E561D-r DEINGNNY\	131	191
>KIT-E561D-\ EEINGNNYVY	5553	>KIT-E561D-r DEINGNNY\	184	5369
>KIT-E561D-\ EEINGNNYV	234	>KIT-E561D-r DEINGNNYV	1590	1356
>KIT-E561D-\ EEINGNNYVY	59	>KIT-E561D-r DEINGNNY\	278	219
>KIT-E561D-\ EEINGNNYVY	300	>KIT-E561D-r DEINGNNY\	2769	2469
>KIT-E561D-\ EEINGNNYVY	466	>KIT-E561D-r DEINGNNY\	3074	2608
>KIT-E561D-\ EEINGNNY	70	>KIT-E561D-r DEINGNNY	226	156
>KIT-E561D-\ EEINGNNYV	488	>KIT-E561D-r DEINGNNYV	2086	1598
>KIT-E561D-\ EEINGNNYVY	180	>KIT-E561D-r DEINGNNY\	820	640
>KIT-E561D-\ EEINGNNYVY	190	>KIT-E561D-r DEINGNNY\	849	659
>KIT-E561D-\ EEINGNNYV	74	>KIT-E561D-r DEINGNNYV	3139	3065
>KIT-E561D-\ EEINGNNYVY	97	>KIT-E561D-r DEINGNNY\	5609	5512
>KIT-E561D-\ EEINGNNYV	305	>KIT-E561D-r DEINGNNYV	1336	1031
>KIT-E561D-\ EEINGNNYVY	63	>KIT-E561D-r DEINGNNY\	242	179
>KIT-E561D-\ VEEINGNNY\	328	>KIT-E561D-r VDEINGNNY\	6817	6489
>KIT-E561D-\ VEEINGNNY\	94	>KIT-E561D-r VDEINGNNY\	5353	5259
>KIT-E561D-\ VEEINGNNY\	377	>KIT-E561D-r VDEINGNNY\	13987	13610
>KIT-E561D-\ VEEINGNNY\	12596	>KIT-E561D-r VDEINGNNY\	479	12117
>KIT-E561D-\ VVEEINGNNY	547	>KIT-E561D-r VVDEINGNN\	364	183
>KIT-E561D-\ VVEEINGNNY	1737	>KIT-E561D-r VVDEINGNN\	124	1613
>KIT-E561D-\ VVEEINGNNY	217	>KIT-E561D-r VVDEINGNN\	73	144
>KIT-E561D-\ VVEEINGNNY	87	>KIT-E561D-r VVDEINGNN\	18	69
>KIT-E561D-\ VVEEINGNNY	121	>KIT-E561D-r VVDEINGNN\	8	113
>KIT-E561D-\ VVEEINGNNY	627	>KIT-E561D-r VVDEINGNN\	51	576
>KIT-E561D-\ VVEEINGNNY	977	>KIT-E561D-r VVDEINGNN\	27	950
>KIT-E561D-\ VVEEINGNNY	1150	>KIT-E561D-r VVDEINGNN\	24	1126
>KIT-E561D-\ VVEEINGNNY	35	>KIT-E561D-r VVDEINGNN\	21	14

>KIT-E561D-\\ VVEEINGNNY	316	>KIT-E561D-r VVDEINGNN`	293	23
>KIT-E561D-\\ VVEEINGNNY	167	>KIT-E561D-r VVDEINGNN`	171	4
>KIT-E561D-\\ VVEEINGNNY	597	>KIT-E561D-r VVDEINGNN`	28	569
>KIT-E561D-\\ VVEEINGNNY	178	>KIT-E561D-r VVDEINGNN`	65	113
>KIT-E561D-\\ KVVVEEINGNN	31	>KIT-E561D-r KVVDEINGNN`	44	13
>KIT-E561D-\\ KVVVEEINGNN	61	>KIT-E561D-r KVVDEINGNN`	289	228
>KIT-E561D-\\ KVVVEEINGNN	617	>KIT-E561D-r KVVDEINGNN`	262	355
>KIT-E561D-\\ KVVVEEINGNN	114	>KIT-E561D-r KVVDEINGNN`	72	42
>KIT-E561D-\\ KVVVEEINGNN	114	>KIT-E561D-r KVVDEINGNN`	179	65
>KIT-E561D-\\ KVVVEEINGNN	100	>KIT-E561D-r KVVDEINGNN`	67	33
>KIT-E561D-\\ QWKVVEEI	577	>KIT-E561D-r QWKVVEEI	412	165
>KIT-E561D-\\ VQWKVVEEI	154	>KIT-E561D-r VQWKVVEEI	94	60
>KIT-E561D-\\ VQWKVVEEI	91	>KIT-E561D-r VQWKVVEEI	132	41
>KIT-E561D-\\ VQWKVVEEI	43	>KIT-E561D-r VQWKVVEEI	57	14
>KIT-E561D-\\ VQWKVVEEI	17	>KIT-E561D-r VQWKVVEEI	28	11
>KIT-E561D-\\ VQWKVVEEI	75	>KIT-E561D-r VQWKVVEEI	68	7
>KIT-E561D-\\ VQWKVVEEI	468	>KIT-E561D-r VQWKVVEEI	986	518
>KIT-E561D-\\ VQWKVVEEI	57	>KIT-E561D-r VQWKVVEEI	130	73
>KIT-E561D-\\ EVQWKVVEE	147	>KIT-E561D-r EVQWKVVEE	312	165
>KIT-E561D-\\ YEVQWKVVE	11	>KIT-E561D-r YEVQWKVVD	9	2
>KIT-E561D-\\ YEVQWKVVE	343	>KIT-E561D-r YEVQWKVVD	633	290
>KIT-E561D-\\ YEVQWKVVE	59	>KIT-E561D-r YEVQWKVVD	73	14
>KIT-E561D-\\ YEVQWKVVE	176	>KIT-E561D-r YEVQWKVVD	137	39
>KIT-E561D-\\ YEVQWKVVE	3	>KIT-E561D-r YEVQWKVVD	3	0
>KIT-E561K-v EEINGNNYVY	76	>KIT-E561K-r KEINGNNYVY	186	110
>KIT-E561K-v EEINGNNYV	2192	>KIT-E561K-r KEINGNNYV	111	2081
>KIT-E561K-v EEINGNNY	230	>KIT-E561K-r KEINGNNY	8166	7936
>KIT-E561K-v EEINGNNYVY	179	>KIT-E561K-r KEINGNNYVY	7123	6944
>KIT-E561K-v EEINGNNY	19	>KIT-E561K-r KEINGNNY	1062	1043
>KIT-E561K-v EEINGNNYVY	134	>KIT-E561K-r KEINGNNYVY	5088	4954
>KIT-E561K-v EEINGNNY	3378	>KIT-E561K-r KEINGNNY	309	3069
>KIT-E561K-v EEINGNNYVY	328	>KIT-E561K-r KEINGNNYVY	120	208
>KIT-E561K-v EEINGNNYV	241	>KIT-E561K-r KEINGNNYV	15064	14823
>KIT-E561K-v EEINGNNYVY	766	>KIT-E561K-r KEINGNNYVY	180	586
>KIT-E561K-v EEINGNNY	1411	>KIT-E561K-r KEINGNNY	78	1333
>KIT-E561K-v EEINGNNYVY	1311	>KIT-E561K-r KEINGNNYVY	94	1217
>KIT-E561K-v EEINGNNYVY	3853	>KIT-E561K-r KEINGNNYVY	491	3362
>KIT-E561K-v EEINGNNY	278	>KIT-E561K-r KEINGNNY	838	560
>KIT-E561K-v EEINGNNYVY	322	>KIT-E561K-r KEINGNNYVY	1325	1003
>KIT-E561K-v EEINGNNYV	234	>KIT-E561K-r KEINGNNYV	40	194
>KIT-E561K-v EEINGNNYVY	59	>KIT-E561K-r KEINGNNYVY	15	44
>KIT-E561K-v EEINGNNYV	595	>KIT-E561K-r KEINGNNYV	83	512
>KIT-E561K-v EEINGNNYVY	300	>KIT-E561K-r KEINGNNYVY	47	253

>KIT-E561K-v EEINGNNYVY	466	>KIT-E561K-r KEINGNNYVY	906	440
>KIT-E561K-v EEINGNNY	70	>KIT-E561K-r KEINGNNY	153	83
>KIT-E561K-v EEINGNNYV	488	>KIT-E561K-r KEINGNNYV	1247	759
>KIT-E561K-v EEINGNNYVY	180	>KIT-E561K-r KEINGNNYVY	373	193
>KIT-E561K-v EEINGNNYVY	190	>KIT-E561K-r KEINGNNYVY	490	300
>KIT-E561K-v EEINGNNYV	74	>KIT-E561K-r KEINGNNYV	237	163
>KIT-E561K-v EEINGNNYVY	97	>KIT-E561K-r KEINGNNYVY	375	278
>KIT-E561K-v EEINGNNYV	305	>KIT-E561K-r KEINGNNYV	23	282
>KIT-E561K-v EEINGNNYVY	63	>KIT-E561K-r KEINGNNYVY	8	55
>KIT-E561K-v VEEINGNNY\	328	>KIT-E561K-r VKEINGNNY\	8159	7831
>KIT-E561K-v VEEINGNNY\	694	>KIT-E561K-r VKEINGNNY\	314	380
>KIT-E561K-v VEEINGNNY	5289	>KIT-E561K-r VKEINGNNY	275	5014
>KIT-E561K-v VEEINGNNY\	5175	>KIT-E561K-r VKEINGNNY\	360	4815
>KIT-E561K-v VEEINGNNY\	94	>KIT-E561K-r VKEINGNNY\	10057	9963
>KIT-E561K-v VEEINGNNY\	377	>KIT-E561K-r VKEINGNNY\	27738	27361
>KIT-E561K-v PMYEVQWK\	19407	>KIT-E561K-r PMYEVQWK\	110	19297
>KIT-E561K-v VVEEINGNNY	217	>KIT-E561K-r VVKEINGNNY	309	92
>KIT-E561K-v VVEEINGNNY	1025	>KIT-E561K-r VVKEINGNNY	31	994
>KIT-E561K-v VVEEINGNNY	87	>KIT-E561K-r VVKEINGNNY	170	83
>KIT-E561K-v VVEEINGNNY	121	>KIT-E561K-r VVKEINGNNY	252	131
>KIT-E561K-v VVEEINGNNY	35	>KIT-E561K-r VVKEINGNNY	42	7
>KIT-E561K-v VVEEINGNNY	11517	>KIT-E561K-r VVKEINGNNY	301	11216
>KIT-E561K-v VVEEINGNNY	316	>KIT-E561K-r VVKEINGNNY	462	146
>KIT-E561K-v VVEEINGNNY	167	>KIT-E561K-r VVKEINGNNY	116	51
>KIT-E561K-v VVEEINGNNY	178	>KIT-E561K-r VVKEINGNNY	121	57
>KIT-E561K-v KVVVEEINGNN	31	>KIT-E561K-r KVVKEINGNN	62	31
>KIT-E561K-v KVVVEEINGNN	61	>KIT-E561K-r KVVKEINGNN	174	113
>KIT-E561K-v KVVVEEINGNN	114	>KIT-E561K-r KVVKEINGNN	110	4
>KIT-E561K-v KVVVEEINGNN	114	>KIT-E561K-r KVVKEINGNN	50	64
>KIT-E561K-v KVVVEEINGNN	100	>KIT-E561K-r KVVKEINGNN	190	90
>KIT-E561K-v VQWKVVVEI	154	>KIT-E561K-r VQWKVVKEI	43	111
>KIT-E561K-v VQWKVVVEI	91	>KIT-E561K-r VQWKVVKEI	573	482
>KIT-E561K-v VQWKVVVEI	43	>KIT-E561K-r VQWKVVKEI	314	271
>KIT-E561K-v VQWKVVVEI	17	>KIT-E561K-r VQWKVVKEI	67	50
>KIT-E561K-v VQWKVVVEI	75	>KIT-E561K-r VQWKVVKEI	442	367
>KIT-E561K-v VQWKVVVEI	468	>KIT-E561K-r VQWKVVKEI	1454	986
>KIT-E561K-v VQWKVVVEI	57	>KIT-E561K-r VQWKVVKEI	31	26
>KIT-E561K-v EVQWKVVV	26782	>KIT-E561K-r EVQWKVVV	365	26417
>KIT-E561K-v EVQWKVVV	7397	>KIT-E561K-r EVQWKVVV	33	7364
>KIT-E561K-v EVQWKVVVE	147	>KIT-E561K-r EVQWKVVVE	567	420
>KIT-E561K-v YEVQWKVVV	11	>KIT-E561K-r YEVQWKVVV	7	4
>KIT-E561K-v YEVQWKVVV	343	>KIT-E561K-r YEVQWKVVV	324	19
>KIT-E561K-v YEVQWKVVV	59	>KIT-E561K-r YEVQWKVVV	252	193

>KIT-E561K-v YEVQWKVVE	176	>KIT-E561K-r YEVQWKVVK	184	8
>KIT-E561K-v YEVQWKVVE	3	>KIT-E561K-r YEVQWKVVK	4	1
>KIT-E561K-v MYEVQWKV\	15128	>KIT-E561K-r MYEVQWKV\	349	14779
>KIT-E561K-v MYEVQWKV\	14772	>KIT-E561K-r MYEVQWKV\	330	14442
>KIT-E562A-v EINGNNYV	7303	>KIT-E562A-r AINGNNYV	238	7065
>KIT-E562A-v EINGNNYV	299	>KIT-E562A-r AINGNNYV	13	286
>KIT-E562A-v EINGNNYVYI	1973	>KIT-E562A-r AINGNNYVYI	313	1660
>KIT-E562A-v EINGNNYV	1089	>KIT-E562A-r AINGNNYV	18	1071
>KIT-E562A-v EINGNNYVYI	985	>KIT-E562A-r AINGNNYVYI	176	809
>KIT-E562A-v EINGNNYV	2776	>KIT-E562A-r AINGNNYV	79	2697
>KIT-E562A-v EINGNNYV	64	>KIT-E562A-r AINGNNYV	8	56
>KIT-E562A-v EINGNNYVYI	229	>KIT-E562A-r AINGNNYVYI	24	205
>KIT-E562A-v EINGNNYV	1535	>KIT-E562A-r AINGNNYV	70	1465
>KIT-E562A-v EINGNNYVYI	3474	>KIT-E562A-r AINGNNYVYI	253	3221
>KIT-E562A-v EINGNNYV	442	>KIT-E562A-r AINGNNYV	36	406
>KIT-E562A-v EINGNNYVYI	4089	>KIT-E562A-r AINGNNYVYI	431	3658
>KIT-E562A-v EINGNNYV	41	>KIT-E562A-r AINGNNYV	32	9
>KIT-E562A-v EINGNNYVYI	257	>KIT-E562A-r AINGNNYVYI	277	20
>KIT-E562A-v EINGNNYV	34	>KIT-E562A-r AINGNNYV	4	30
>KIT-E562A-v EINGNNYVYI	1941	>KIT-E562A-r AINGNNYVYI	62	1879
>KIT-E562A-v EINGNNYVY	7584	>KIT-E562A-r AINGNNYVY	377	7207
>KIT-E562A-v EINGNNYVY	203	>KIT-E562A-r AINGNNYVY	9980	9777
>KIT-E562A-v EINGNNYVY	17	>KIT-E562A-r AINGNNYVY	261	244
>KIT-E562A-v EINGNNYVY	425	>KIT-E562A-r AINGNNYVY	9411	8986
>KIT-E562A-v EINGNNYVY	218	>KIT-E562A-r AINGNNYVY	65	153
>KIT-E562A-v EINGNNYVYI	12497	>KIT-E562A-r AINGNNYVYI	462	12035
>KIT-E562A-v EINGNNYVY	70	>KIT-E562A-r AINGNNYVY	14	56
>KIT-E562A-v EINGNNYVY	1305	>KIT-E562A-r AINGNNYVY	136	1169
>KIT-E562A-v EINGNNYVYI	1170	>KIT-E562A-r AINGNNYVYI	158	1012
>KIT-E562A-v EINGNNYVY	340	>KIT-E562A-r AINGNNYVY	10585	10245
>KIT-E562A-v EINGNNYV	8	>KIT-E562A-r AINGNNYV	134	126
>KIT-E562A-v EINGNNYVYI	101	>KIT-E562A-r AINGNNYVYI	1485	1384
>KIT-E562A-v EINGNNYV	11	>KIT-E562A-r AINGNNYV	833	822
>KIT-E562A-v EINGNNYVYI	36	>KIT-E562A-r AINGNNYVYI	2378	2342
>KIT-E562A-v EINGNNYVY	515	>KIT-E562A-r AINGNNYVY	108	407
>KIT-E562A-v EINGNNYVY	168	>KIT-E562A-r AINGNNYVY	853	685
>KIT-E562A-v EINGNNYVY	1173	>KIT-E562A-r AINGNNYVY	308	865
>KIT-E562A-v EINGNNYVY	81	>KIT-E562A-r AINGNNYVY	82	1
>KIT-E562A-v EEINGNNYVY	76	>KIT-E562A-r EAINGNNYV\	18983	18907
>KIT-E562A-v EEINGNNY	2719	>KIT-E562A-r EAINGNNY	42	2677
>KIT-E562A-v EEINGNNY	230	>KIT-E562A-r EAINGNNY	14	216
>KIT-E562A-v EEINGNNYVY	179	>KIT-E562A-r EAINGNNYV\	12	167
>KIT-E562A-v EEINGNNY	19	>KIT-E562A-r EAINGNNY	11	8

>KIT-E562A-v EEINGNNYVY	134	>KIT-E562A-r EAINGNNYVY	66	68
>KIT-E562A-v EEINGNNYVY	328	>KIT-E562A-r EAINGNNYVY	123	205
>KIT-E562A-v EEINGNNY	9107	>KIT-E562A-r EAINGNNY	288	8819
>KIT-E562A-v EEINGNNYVY	13984	>KIT-E562A-r EAINGNNYVY	250	13734
>KIT-E562A-v EEINGNNYV	241	>KIT-E562A-r EAINGNNYV	7	234
>KIT-E562A-v EEINGNNYVY	1081	>KIT-E562A-r EAINGNNYVY	9	1072
>KIT-E562A-v EEINGNNYV	1490	>KIT-E562A-r EAINGNNYV	7	1483
>KIT-E562A-v EEINGNNYVY	4644	>KIT-E562A-r EAINGNNYVY	22	4622
>KIT-E562A-v EEINGNNYVY	766	>KIT-E562A-r EAINGNNYVY	369	397
>KIT-E562A-v EEINGNNY	278	>KIT-E562A-r EAINGNNY	18142	17864
>KIT-E562A-v EEINGNNYVY	322	>KIT-E562A-r EAINGNNYVY	29619	29297
>KIT-E562A-v EEINGNNY	5187	>KIT-E562A-r EAINGNNY	92	5095
>KIT-E562A-v EEINGNNYV	234	>KIT-E562A-r EAINGNNYV	19834	19600
>KIT-E562A-v EEINGNNYVY	59	>KIT-E562A-r EAINGNNYVY	17988	17929
>KIT-E562A-v EEINGNNYVY	300	>KIT-E562A-r EAINGNNYVY	37641	37341
>KIT-E562A-v EEINGNNYVY	466	>KIT-E562A-r EAINGNNYVY	24500	24034
>KIT-E562A-v EEINGNNY	70	>KIT-E562A-r EAINGNNY	21319	21249
>KIT-E562A-v EEINGNNYV	488	>KIT-E562A-r EAINGNNYV	34484	33996
>KIT-E562A-v EEINGNNYVY	180	>KIT-E562A-r EAINGNNYVY	24349	24169
>KIT-E562A-v EEINGNNYVY	190	>KIT-E562A-r EAINGNNYVY	30877	30687
>KIT-E562A-v EEINGNNYV	74	>KIT-E562A-r EAINGNNYV	25941	25867
>KIT-E562A-v EEINGNNYVY	97	>KIT-E562A-r EAINGNNYVY	29421	29324
>KIT-E562A-v EEINGNNYV	305	>KIT-E562A-r EAINGNNYV	32201	31896
>KIT-E562A-v EEINGNNYVY	63	>KIT-E562A-r EAINGNNYVY	26311	26248
>KIT-E562A-v VEEINGNNYV	328	>KIT-E562A-r VEAINGNNYV	161	167
>KIT-E562A-v VEEINGNNYV	694	>KIT-E562A-r VEAINGNNYV	132	562
>KIT-E562A-v VEEINGNNY	821	>KIT-E562A-r VEAINGNNY	349	472
>KIT-E562A-v VEEINGNNYV	94	>KIT-E562A-r VEAINGNNYV	45	49
>KIT-E562A-v VEEINGNNYV	377	>KIT-E562A-r VEAINGNNYV	472	95
>KIT-E562A-v VVEEINGNNY	217	>KIT-E562A-r VVEAINGNNY	198	19
>KIT-E562A-v VVEEINGNNY	87	>KIT-E562A-r VVEAINGNNY	202	115
>KIT-E562A-v VVEEINGNNY	121	>KIT-E562A-r VVEAINGNNY	576	455
>KIT-E562A-v VVEEINGNNY	35	>KIT-E562A-r VVEAINGNNY	91	56
>KIT-E562A-v VVEEINGNNY	316	>KIT-E562A-r VVEAINGNNY	229	87
>KIT-E562A-v VVEEINGNNY	167	>KIT-E562A-r VVEAINGNNY	133	34
>KIT-E562A-v VVEEINGNNY	178	>KIT-E562A-r VVEAINGNNY	75	103
>KIT-E562A-v KVVEEINGNN	31	>KIT-E562A-r KVVEAINGNN	30	1
>KIT-E562A-v KVVEEINGNN	61	>KIT-E562A-r KVVEAINGNN	38	23
>KIT-E562A-v KVVEEINGNN	114	>KIT-E562A-r KVVEAINGNN	100	14
>KIT-E562A-v KVVEEINGNN	114	>KIT-E562A-r KVVEAINGNN	156	42
>KIT-E562A-v KVVEEINGNN	100	>KIT-E562A-r KVVEAINGNN	48	52
>KIT-E562A-v KVVEEINGNN	1540	>KIT-E562A-r KVVEAINGNN	484	1056
>KIT-E562A-v QWKVVEEI	577	>KIT-E562A-r QWKVVEAI	236	341



>KIT-E562A-v VQWKVVEEI	154	>KIT-E562A-r VQWKVVEAI	278	124
>KIT-E562A-v VQWKVVEE	16373	>KIT-E562A-r VQWKVVEA	163	16210
>KIT-E562A-v VQWKVVEEI	91	>KIT-E562A-r VQWKVVEAI	190	99
>KIT-E562A-v VQWKVVEE	6877	>KIT-E562A-r VQWKVVEA	95	6782
>KIT-E562A-v VQWKVVEEI	43	>KIT-E562A-r VQWKVVEAI	26	17
>KIT-E562A-v VQWKVVEE	14142	>KIT-E562A-r VQWKVVEA	114	14028
>KIT-E562A-v VQWKVVEEI	17	>KIT-E562A-r VQWKVVEAI	19	2
>KIT-E562A-v VQWKVVEE	18797	>KIT-E562A-r VQWKVVEA	295	18502
>KIT-E562A-v VQWKVVEEI	75	>KIT-E562A-r VQWKVVEAI	215	140
>KIT-E562A-v VQWKVVEE	468	>KIT-E562A-r VQWKVVEA	124	344
>KIT-E562A-v VQWKVVEEI	2782	>KIT-E562A-r VQWKVVEAI	232	2550
>KIT-E562A-v VQWKVVEE	57	>KIT-E562A-r VQWKVVEA	24	33
>KIT-E562A-v VQWKVVEEI	1825	>KIT-E562A-r VQWKVVEAI	299	1526
>KIT-E562A-v EVQWKVVEE	518	>KIT-E562A-r EVQWKVVEA	167	351
>KIT-E562A-v EVQWKVVEE	18353	>KIT-E562A-r EVQWKVVEA	125	18228
>KIT-E562A-v EVQWKVVEE	147	>KIT-E562A-r EVQWKVVEA	125	22
>KIT-E562A-v YEVQWKVVE	11	>KIT-E562A-r YEVQWKVVE	15	4
>KIT-E562A-v YEVQWKVVE	343	>KIT-E562A-r YEVQWKVVE	129	214
>KIT-E562A-v YEVQWKVVE	1307	>KIT-E562A-r YEVQWKVVE	221	1086
>KIT-E562A-v YEVQWKVVE	59	>KIT-E562A-r YEVQWKVVE	27	32
>KIT-E562A-v YEVQWKVVE	1019	>KIT-E562A-r YEVQWKVVE	441	578
>KIT-E562A-v YEVQWKVVE	176	>KIT-E562A-r YEVQWKVVE	161	15
>KIT-E562A-v YEVQWKVVE	4334	>KIT-E562A-r YEVQWKVVE	302	4032
>KIT-E562A-v YEVQWKVVE	3	>KIT-E562A-r YEVQWKVVE	3	0
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>KIT-E562K-v EINGNNYV	299	>KIT-E562K-r KINGNNYV	15	284
>KIT-E562K-v EINGNNYVYI	1973	>KIT-E562K-r KINGNNYVYI	303	1670
>KIT-E562K-v EINGNNYV	1089	>KIT-E562K-r KINGNNYV	20	1069
>KIT-E562K-v EINGNNYVYI	985	>KIT-E562K-r KINGNNYVYI	178	807
>KIT-E562K-v EINGNNYV	2776	>KIT-E562K-r KINGNNYV	55	2721
>KIT-E562K-v EINGNNYV	64	>KIT-E562K-r KINGNNYV	8	56
>KIT-E562K-v EINGNNYVYI	229	>KIT-E562K-r KINGNNYVYI	22	207
>KIT-E562K-v EINGNNYV	1535	>KIT-E562K-r KINGNNYV	35	1500
>KIT-E562K-v EINGNNYVYI	3474	>KIT-E562K-r KINGNNYVYI	102	3372
>KIT-E562K-v EINGNNYV	442	>KIT-E562K-r KINGNNYV	30	412
>KIT-E562K-v EINGNNYVYI	4089	>KIT-E562K-r KINGNNYVYI	347	3742
>KIT-E562K-v EINGNNYV	41	>KIT-E562K-r KINGNNYV	29	12
>KIT-E562K-v EINGNNYVYI	257	>KIT-E562K-r KINGNNYVYI	227	30
>KIT-E562K-v EINGNNYV	34	>KIT-E562K-r KINGNNYV	7	27
>KIT-E562K-v EINGNNYVYI	1941	>KIT-E562K-r KINGNNYVYI	255	1686
>KIT-E562K-v EINGNNYVY	7584	>KIT-E562K-r KINGNNYVY	490	7094
>KIT-E562K-v EINGNNYVY	203	>KIT-E562K-r KINGNNYVY	17117	16914
>KIT-E562K-v EINGNNYVY	17	>KIT-E562K-r KINGNNYVY	1733	1716

>KIT-E562K-v EINGNNYVY	425	>KIT-E562K-r KINGNNYVY	9943	9518
>KIT-E562K-v EINGNNYVY	218	>KIT-E562K-r KINGNNYVY	79	139
>KIT-E562K-v EINGNNYV	15394	>KIT-E562K-r KINGNNYV	244	15150
>KIT-E562K-v EINGNNYVYI	12497	>KIT-E562K-r KINGNNYVYI	73	12424
>KIT-E562K-v EINGNNYVY	70	>KIT-E562K-r KINGNNYVY	8	62
>KIT-E562K-v EINGNNYVY	1305	>KIT-E562K-r KINGNNYVY	23	1282
>KIT-E562K-v EINGNNYVYI	1170	>KIT-E562K-r KINGNNYVYI	29	1141
>KIT-E562K-v EINGNNYVY	340	>KIT-E562K-r KINGNNYVY	13426	13086
>KIT-E562K-v EINGNNYV	8	>KIT-E562K-r KINGNNYV	630	622
>KIT-E562K-v EINGNNYVYI	101	>KIT-E562K-r KINGNNYVYI	4077	3976
>KIT-E562K-v EINGNNYV	11	>KIT-E562K-r KINGNNYV	1362	1351
>KIT-E562K-v EINGNNYVYI	36	>KIT-E562K-r KINGNNYVYI	3341	3305
>KIT-E562K-v EINGNNYVY	8360	>KIT-E562K-r KINGNNYVY	320	8040
>KIT-E562K-v EINGNNYVY	515	>KIT-E562K-r KINGNNYVY	128	387
>KIT-E562K-v EINGNNYVY	168	>KIT-E562K-r KINGNNYVY	1591	1423
>KIT-E562K-v EINGNNYVY	15281	>KIT-E562K-r KINGNNYVY	163	15118
>KIT-E562K-v EINGNNYVYI	17789	>KIT-E562K-r KINGNNYVYI	402	17387
>KIT-E562K-v EINGNNYVY	81	>KIT-E562K-r KINGNNYVY	46	35
>KIT-E562K-v EEINGNNYVY	76	>KIT-E562K-r EKINGNNYVY	4201	4125
>KIT-E562K-v EEINGNNY	230	>KIT-E562K-r EKINGNNY	152	78
>KIT-E562K-v EEINGNNYVY	179	>KIT-E562K-r EKINGNNYVY	122	57
>KIT-E562K-v EEINGNNY	19	>KIT-E562K-r EKINGNNY	25	6
>KIT-E562K-v EEINGNNYVY	134	>KIT-E562K-r EKINGNNYVY	188	54
>KIT-E562K-v EEINGNNYVY	328	>KIT-E562K-r EKINGNNYVY	218	110
>KIT-E562K-v EEINGNNYV	241	>KIT-E562K-r EKINGNNYV	140	101
>KIT-E562K-v EEINGNNY	1411	>KIT-E562K-r EKINGNNY	22	1389
>KIT-E562K-v EEINGNNYVY	1311	>KIT-E562K-r EKINGNNYVY	26	1285
>KIT-E562K-v EEINGNNYVY	3853	>KIT-E562K-r EKINGNNYVY	150	3703
>KIT-E562K-v EEINGNNY	278	>KIT-E562K-r EKINGNNY	17078	16800
>KIT-E562K-v EEINGNNYVY	322	>KIT-E562K-r EKINGNNYVY	22499	22177
>KIT-E562K-v EEINGNNYV	234	>KIT-E562K-r EKINGNNYV	19379	19145
>KIT-E562K-v EEINGNNYVY	59	>KIT-E562K-r EKINGNNYVY	15898	15839
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>KIT-E562K-v EEINGNNY	70	>KIT-E562K-r EKINGNNY	12105	12035
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>KIT-E562K-v EEINGNNYVY	180	>KIT-E562K-r EKINGNNYVY	15945	15765
>KIT-E562K-v EEINGNNYVY	190	>KIT-E562K-r EKINGNNYVY	22138	21948
>KIT-E562K-v EEINGNNYV	74	>KIT-E562K-r EKINGNNYV	23175	23101
>KIT-E562K-v EEINGNNYVY	97	>KIT-E562K-r EKINGNNYVY	25226	25129
>KIT-E562K-v EEINGNNYV	305	>KIT-E562K-r EKINGNNYV	26256	25951
>KIT-E562K-v EEINGNNYVY	63	>KIT-E562K-r EKINGNNYVY	17908	17845
>KIT-E562K-v MYEVQWKV\	15137	>KIT-E562K-r MYEVQWKV\	221	14916

>KIT-E562K-v MYEVQWKV\	15263	>KIT-E562K-r MYEVQWKV\	465	14798
>KIT-E562K-v VEEINGNNY\	328	>KIT-E562K-r VEKINGNNY\	483	155
>KIT-E562K-v VEEINGNNY\	694	>KIT-E562K-r VEKINGNNY\	276	418
>KIT-E562K-v VEEINGNNY\	7607	>KIT-E562K-r VEKINGNNY\	484	7123
>KIT-E562K-v VEEINGNNY\	94	>KIT-E562K-r VEKINGNNY\	82	12
>KIT-E562K-v VEEINGNNY\	377	>KIT-E562K-r VEKINGNNY\	1285	908
>KIT-E562K-v VVEEINGNNY	217	>KIT-E562K-r VVEKINGNNY	559	342
>KIT-E562K-v VVEEINGNNY	87	>KIT-E562K-r VVEKINGNNY	471	384
>KIT-E562K-v VVEEINGNNY	121	>KIT-E562K-r VVEKINGNNY	1268	1147
>KIT-E562K-v VVEEINGNNY	35	>KIT-E562K-r VVEKINGNNY	244	209
>KIT-E562K-v VVEEINGNNY	316	>KIT-E562K-r VVEKINGNNY	174	142
>KIT-E562K-v VVEEINGNNY	167	>KIT-E562K-r VVEKINGNNY	438	271
>KIT-E562K-v VVEEINGNNY	178	>KIT-E562K-r VVEKINGNNY	74	104
>KIT-E562K-v KVVEEINGNN	31	>KIT-E562K-r KVVEKINGNN	43	12
>KIT-E562K-v KVVEEINGNN	61	>KIT-E562K-r KVVEKINGNN	25	36
>KIT-E562K-v KVVEEINGNN	114	>KIT-E562K-r KVVEKINGNN	132	18
>KIT-E562K-v KVVEEINGNN	114	>KIT-E562K-r KVVEKINGNN	103	11
>KIT-E562K-v KVVEEINGNN	100	>KIT-E562K-r KVVEKINGNN	48	52
>KIT-E562K-v VQWKVVEEI	154	>KIT-E562K-r VQWKVVEKI	296	142
>KIT-E562K-v VQWKVVEEI	91	>KIT-E562K-r VQWKVVEKI	381	290
>KIT-E562K-v VQWKVVEEI	43	>KIT-E562K-r VQWKVVEKI	150	107
>KIT-E562K-v VQWKVVEEI	17	>KIT-E562K-r VQWKVVEKI	37	20
>KIT-E562K-v VQWKVVEEI	75	>KIT-E562K-r VQWKVVEKI	153	78
>KIT-E562K-v VQWKVVEE	27519	>KIT-E562K-r VQWKVVEK	125	27394
>KIT-E562K-v VQWKVVEE	12697	>KIT-E562K-r VQWKVVEK	333	12364
>KIT-E562K-v VQWKVVEEI	468	>KIT-E562K-r VQWKVVEKI	517	49
>KIT-E562K-v VQWKVVEE	2782	>KIT-E562K-r VQWKVVEK	267	2515
>KIT-E562K-v VQWKVVEEI	57	>KIT-E562K-r VQWKVVEKI	121	64
>KIT-E562K-v VQWKVVEEI	587	>KIT-E562K-r VQWKVVEKI	403	184
>KIT-E562K-v EVQWKVVEE	26594	>KIT-E562K-r EVQWKVVEK	186	26408
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>KIT-E562K-v EVQWKVVEE	147	>KIT-E562K-r EVQWKVVEK	254	107
>KIT-E562K-v YEVQWKVVE	11	>KIT-E562K-r YEVQWKVVE	15	4
>KIT-E562K-v YEVQWKVVE	343	>KIT-E562K-r YEVQWKVVE	579	236
>KIT-E562K-v YEVQWKVVE	59	>KIT-E562K-r YEVQWKVVE	86	27
>KIT-E562K-v YEVQWKVVE	176	>KIT-E562K-r YEVQWKVVE	633	457
>KIT-E562K-v YEVQWKVVE	3	>KIT-E562K-r YEVQWKVVE	3	0
>KIT-E562V-v EINGNNYV	7303	>KIT-E562V-r VINGNNYV	317	6986
>KIT-E562V-v EINGNNYV	299	>KIT-E562V-r VINGNNYV	21	278
>KIT-E562V-v EINGNNYV	1089	>KIT-E562V-r VINGNNYV	24	1065
>KIT-E562V-v EINGNNYVYI	985	>KIT-E562V-r VINGNNYVYI	383	602
>KIT-E562V-v EINGNNYV	2776	>KIT-E562V-r VINGNNYV	93	2683
>KIT-E562V-v EINGNNYV	64	>KIT-E562V-r VINGNNYV	7	57

>KIT-E562V-v EINGNNYVYI	229	>KIT-E562V-r VINGNNYVYI	19	210
>KIT-E562V-v EINGNNYV	1535	>KIT-E562V-r VINGNNYV	69	1466
>KIT-E562V-v EINGNNYVYI	3474	>KIT-E562V-r VINGNNYVYI	252	3222
>KIT-E562V-v EINGNNYV	442	>KIT-E562V-r VINGNNYV	39	403
>KIT-E562V-v EINGNNYVYI	4089	>KIT-E562V-r VINGNNYVYI	454	3635
>KIT-E562V-v EINGNNYV	41	>KIT-E562V-r VINGNNYV	12	29
>KIT-E562V-v EINGNNYVYI	257	>KIT-E562V-r VINGNNYVYI	85	172
>KIT-E562V-v EINGNNYV	34	>KIT-E562V-r VINGNNYV	4	30
>KIT-E562V-v EINGNNYVYI	1941	>KIT-E562V-r VINGNNYVYI	62	1879
>KIT-E562V-v EINGNNYVY	203	>KIT-E562V-r VINGNNYVY	15378	15175
>KIT-E562V-v EINGNNYVY	17	>KIT-E562V-r VINGNNYVY	998	981
>KIT-E562V-v EINGNNYVY	425	>KIT-E562V-r VINGNNYVY	10486	10061
>KIT-E562V-v EINGNNYVY	218	>KIT-E562V-r VINGNNYVY	39	179
>KIT-E562V-v EINGNNYVY	70	>KIT-E562V-r VINGNNYVY	10	60
>KIT-E562V-v EINGNNYVY	340	>KIT-E562V-r VINGNNYVY	7736	7396
>KIT-E562V-v EINGNNYV	8	>KIT-E562V-r VINGNNYV	141	133
>KIT-E562V-v EINGNNYVYI	101	>KIT-E562V-r VINGNNYVYI	1843	1742
>KIT-E562V-v EINGNNYV	11	>KIT-E562V-r VINGNNYV	1060	1049
>KIT-E562V-v EINGNNYVYI	36	>KIT-E562V-r VINGNNYVYI	2990	2954
>KIT-E562V-v EINGNNYVY	515	>KIT-E562V-r VINGNNYVY	129	386
>KIT-E562V-v EINGNNYVY	710	>KIT-E562V-r VINGNNYVY	380	330
>KIT-E562V-v EINGNNYVY	168	>KIT-E562V-r VINGNNYVY	336	168
>KIT-E562V-v EINGNNYVY	81	>KIT-E562V-r VINGNNYVY	103	22
>KIT-E562V-v EEINGNNYVY	76	>KIT-E562V-r EVINGNNYVY	16471	16395
>KIT-E562V-v EEINGNNYV	2192	>KIT-E562V-r EVINGNNYV	91	2101
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>KIT-E562V-v EEINGNNYVY	6941	>KIT-E562V-r EVINGNNYVY	144	6797
>KIT-E562V-v EEINGNNY	2719	>KIT-E562V-r EVINGNNY	9	2710
>KIT-E562V-v EEINGNNYV	14194	>KIT-E562V-r EVINGNNYV	54	14140
>KIT-E562V-v EEINGNNYVY	6133	>KIT-E562V-r EVINGNNYVY	412	5721
>KIT-E562V-v EEINGNNYVY	15801	>KIT-E562V-r EVINGNNYVY	92	15709
>KIT-E562V-v EEINGNNY	230	>KIT-E562V-r EVINGNNY	3	227
>KIT-E562V-v EEINGNNYV	8391	>KIT-E562V-r EVINGNNYV	36	8355
>KIT-E562V-v EEINGNNYVY	179	>KIT-E562V-r EVINGNNYVY	3	176
>KIT-E562V-v EEINGNNYVY	9026	>KIT-E562V-r EVINGNNYVY	39	8987
>KIT-E562V-v EEINGNNY	19	>KIT-E562V-r EVINGNNY	3	16
>KIT-E562V-v EEINGNNYV	4399	>KIT-E562V-r EVINGNNYV	399	4000
>KIT-E562V-v EEINGNNYVY	134	>KIT-E562V-r EVINGNNYVY	10	124
>KIT-E562V-v EEINGNNY	5545	>KIT-E562V-r EVINGNNY	199	5346

>KIT-E562V-v EEINGNNY	3378	>KIT-E562V-r EVINGNNY	314	3064
>KIT-E562V-v EEINGNNYVY	328	>KIT-E562V-r EVINGNNYVY	117	211
>KIT-E562V-v EEINGNNY	9107	>KIT-E562V-r EVINGNNY	111	8996
>KIT-E562V-v EEINGNNYVY	13984	>KIT-E562V-r EVINGNNYVY	188	13796
>KIT-E562V-v EEINGNNYV	241	>KIT-E562V-r EVINGNNYV	5	236
>KIT-E562V-v EEINGNNYVY	1081	>KIT-E562V-r EVINGNNYVY	6	1075
>KIT-E562V-v EEINGNNYV	1490	>KIT-E562V-r EVINGNNYV	5	1485
>KIT-E562V-v EEINGNNYVY	4644	>KIT-E562V-r EVINGNNYVY	9	4635
>KIT-E562V-v EEINGNNYVY	766	>KIT-E562V-r EVINGNNYVY	248	518
>KIT-E562V-v EEINGNNYVY	1422	>KIT-E562V-r EVINGNNYVY	462	960
>KIT-E562V-v EEINGNNY	278	>KIT-E562V-r EVINGNNY	17190	16912
>KIT-E562V-v EEINGNNYVY	322	>KIT-E562V-r EVINGNNYVY	30312	29990
>KIT-E562V-v EEINGNNY	5187	>KIT-E562V-r EVINGNNY	399	4788
>KIT-E562V-v EEINGNNYV	234	>KIT-E562V-r EVINGNNYV	20553	20319
>KIT-E562V-v EEINGNNYVY	59	>KIT-E562V-r EVINGNNYVY	20521	20462
>KIT-E562V-v EEINGNNYVY	300	>KIT-E562V-r EVINGNNYVY	40081	39781
>KIT-E562V-v EEINGNNYVY	466	>KIT-E562V-r EVINGNNYVY	26135	25669
>KIT-E562V-v EEINGNNY	70	>KIT-E562V-r EVINGNNY	28715	28645
>KIT-E562V-v EEINGNNYV	488	>KIT-E562V-r EVINGNNYV	39115	38627
>KIT-E562V-v EEINGNNYVY	180	>KIT-E562V-r EVINGNNYVY	27142	26962
>KIT-E562V-v EEINGNNYVY	190	>KIT-E562V-r EVINGNNYVY	36829	36639
>KIT-E562V-v EEINGNNYV	74	>KIT-E562V-r EVINGNNYV	35450	35376
>KIT-E562V-v EEINGNNYVY	97	>KIT-E562V-r EVINGNNYVY	34722	34625
>KIT-E562V-v EEINGNNYV	305	>KIT-E562V-r EVINGNNYV	33637	33332
>KIT-E562V-v EEINGNNYVY	63	>KIT-E562V-r EVINGNNYVY	29851	29788
>KIT-E562V-v MYEVQWKV\	2831	>KIT-E562V-r MYEVQWKV\	266	2565
>KIT-E562V-v VEEINGNNY\	328	>KIT-E562V-r VEVINGNNY\	508	180
>KIT-E562V-v VEEINGNNY\	694	>KIT-E562V-r VEVINGNNY\	387	307
>KIT-E562V-v VEEINGNNY	821	>KIT-E562V-r VEVINGNNY	155	666
>KIT-E562V-v VEEINGNNY\	94	>KIT-E562V-r VEVINGNNY\	26	68
>KIT-E562V-v VEEINGNNY	1549	>KIT-E562V-r VEVINGNNY	339	1210
>KIT-E562V-v VEEINGNNY\	1190	>KIT-E562V-r VEVINGNNY\	256	934
>KIT-E562V-v VEEINGNNY\	377	>KIT-E562V-r VEVINGNNY\	621	244
>KIT-E562V-v VVEEINGNNY	217	>KIT-E562V-r VVEEINGNNY	634	417
>KIT-E562V-v VVEEINGNNY	87	>KIT-E562V-r VVEEINGNNY	416	329
>KIT-E562V-v VVEEINGNNY	121	>KIT-E562V-r VVEEINGNNY	1797	1676
>KIT-E562V-v VVEEINGNNY	35	>KIT-E562V-r VVEEINGNNY	274	239
>KIT-E562V-v VVEEINGNNY	316	>KIT-E562V-r VVEEINGNNY	186	130
>KIT-E562V-v VVEEINGNNY	167	>KIT-E562V-r VVEEINGNNY	411	244
>KIT-E562V-v VVEEINGNNY	178	>KIT-E562V-r VVEEINGNNY	248	70
>KIT-E562V-v KVVEEINGNN	31	>KIT-E562V-r KVVEEINGNN	49	18
>KIT-E562V-v KVVEEINGNN	61	>KIT-E562V-r KVVEEINGNN	45	16
>KIT-E562V-v KVVEEINGNN	617	>KIT-E562V-r KVVEEINGNN	485	132

>KIT-E562V-v KVVEEINGNN	114	>KIT-E562V-r KVVEVINGNN	89	25
>KIT-E562V-v KVVEEINGNN	114	>KIT-E562V-r KVVEVINGNN	69	45
>KIT-E562V-v KVVEEINGNN	100	>KIT-E562V-r KVVEVINGNN	162	62
>KIT-E562V-v VQWKVVEEI	154	>KIT-E562V-r VQWKVVEVI	245	91
>KIT-E562V-v VQWKVVEE	16373	>KIT-E562V-r VQWKVVEV	19	16354
>KIT-E562V-v VQWKVVEEI	91	>KIT-E562V-r VQWKVVEVI	399	308
>KIT-E562V-v VQWKVVEE	22486	>KIT-E562V-r VQWKVVEV	326	22160
>KIT-E562V-v VQWKVVEE	22812	>KIT-E562V-r VQWKVVEV	351	22461
>KIT-E562V-v VQWKVVEE	6877	>KIT-E562V-r VQWKVVEV	11	6866
>KIT-E562V-v VQWKVVEEI	43	>KIT-E562V-r VQWKVVEVI	112	69
>KIT-E562V-v VQWKVVEE	14142	>KIT-E562V-r VQWKVVEV	5	14137
>KIT-E562V-v VQWKVVEEI	17	>KIT-E562V-r VQWKVVEVI	39	22
>KIT-E562V-v VQWKVVEE	18373	>KIT-E562V-r VQWKVVEV	62	18311
>KIT-E562V-v VQWKVVEE	18797	>KIT-E562V-r VQWKVVEV	12	18785
>KIT-E562V-v VQWKVVEEI	75	>KIT-E562V-r VQWKVVEVI	190	115
>KIT-E562V-v VQWKVVEE	22769	>KIT-E562V-r VQWKVVEV	119	22650
>KIT-E562V-v VQWKVVEE	35293	>KIT-E562V-r VQWKVVEV	120	35173
>KIT-E562V-v VQWKVVEEI	468	>KIT-E562V-r VQWKVVEVI	438	30
>KIT-E562V-v VQWKVVEE	2782	>KIT-E562V-r VQWKVVEV	38	2744
>KIT-E562V-v VQWKVVEEI	57	>KIT-E562V-r VQWKVVEVI	39	18
>KIT-E562V-v EVQWKVVEE	28973	>KIT-E562V-r EVQWKVVEV	125	28848
>KIT-E562V-v EVQWKVVEE	26172	>KIT-E562V-r EVQWKVVEV	360	25812
>KIT-E562V-v EVQWKVVEE	32981	>KIT-E562V-r EVQWKVVEV	31	32950
>KIT-E562V-v EVQWKVVEE	518	>KIT-E562V-r EVQWKVVEV	439	79
>KIT-E562V-v EVQWKVVEE	18353	>KIT-E562V-r EVQWKVVEV	15	18338
>KIT-E562V-v EVQWKVVEE	16605	>KIT-E562V-r EVQWKVVEV	31	16574
>KIT-E562V-v EVQWKVVEE	147	>KIT-E562V-r EVQWKVVEV	630	483
>KIT-E562V-v YEVQWKVVE	18948	>KIT-E562V-r YEVQWKVVE	79	18869
>KIT-E562V-v YEVQWKVVE	11	>KIT-E562V-r YEVQWKVVE	13	2
>KIT-E562V-v YEVQWKVVE	25616	>KIT-E562V-r YEVQWKVVE	150	25466
>KIT-E562V-v YEVQWKVVE	32126	>KIT-E562V-r YEVQWKVVE	125	32001
>KIT-E562V-v YEVQWKVVE	343	>KIT-E562V-r YEVQWKVVE	325	18
>KIT-E562V-v YEVQWKVVE	1307	>KIT-E562V-r YEVQWKVVE	268	1039
>KIT-E562V-v YEVQWKVVE	59	>KIT-E562V-r YEVQWKVVE	40	19
>KIT-E562V-v YEVQWKVVE	1019	>KIT-E562V-r YEVQWKVVE	206	813
>KIT-E562V-v YEVQWKVVE	176	>KIT-E562V-r YEVQWKVVE	203	27
>KIT-E562V-v YEVQWKVVE	27487	>KIT-E562V-r YEVQWKVVE	439	27048
>KIT-E562V-v YEVQWKVVE	3	>KIT-E562V-r YEVQWKVVE	4	1
>KIT-E720K-v EYMDMKPG\	2469	>KIT-E720K-r KYMDMKPG\	211	2258
>KIT-E720K-v EYMDMKPG\	3567	>KIT-E720K-r KYMDMKPG\	472	3095
>KIT-E720K-v EYMDMKPG\	4175	>KIT-E720K-r KYMDMKPG\	318	3857
>KIT-E720K-v EYMDMKPG\	356	>KIT-E720K-r KYMDMKPG\	34	322
>KIT-E720K-v EYMDMKPG\	3558	>KIT-E720K-r KYMDMKPG\	492	3066

>KIT-E720K-v EYMDMKPG\	182	>KIT-E720K-r KYMDMKPG\	5063	4881
>KIT-E720K-v EYMDMKPG\	168	>KIT-E720K-r KYMDMKPG\	9635	9467
>KIT-E720K-v EYMDMKPG\	310	>KIT-E720K-r KYMDMKPG\	6343	6033
>KIT-E720K-v EYMDMKPG\	348	>KIT-E720K-r KYMDMKPG\	149	199
>KIT-E720K-v EYMDMKPG\	15931	>KIT-E720K-r KYMDMKPG\	414	15517
>KIT-E720K-v EYMDMKPG\	806	>KIT-E720K-r KYMDMKPG\	58	748
>KIT-E720K-v EYMDMKPG\	9133	>KIT-E720K-r KYMDMKPG\	498	8635
>KIT-E720K-v EYMDMKPG\	106	>KIT-E720K-r KYMDMKPG\	5548	5442
>KIT-E720K-v EYMDMKPG\	2327	>KIT-E720K-r KYMDMKPG\	365	1962
>KIT-E720K-v EYMDMKPG\	1800	>KIT-E720K-r KYMDMKPG\	237	1563
>KIT-E720K-v NEYMDMKPG\	293	>KIT-E720K-r NKYMDMKPG\	20293	20000
>KIT-E720K-v NEYMDMKPG\	9	>KIT-E720K-r NKYMDMKPG\	560	551
>KIT-E720K-v NEYMDMKPG\	33	>KIT-E720K-r NKYMDMKPG\	14248	14215
>KIT-E720K-v STNEYMDMKPG\	9	>KIT-E720K-r STNKYMDMKPG\	9	0
>KIT-E720K-v STNEYMDMKPG\	235	>KIT-E720K-r STNKYMDMKPG\	455	220
>KIT-E720K-v STNEYMDMKPG\	1120	>KIT-E720K-r STNKYMDMKPG\	493	627
>KIT-E720K-v STNEYMDMKPG\	756	>KIT-E720K-r STNKYMDMKPG\	424	332
>KIT-E720K-v STNEYMDMKPG\	17	>KIT-E720K-r STNKYMDMKPG\	19	2
>KIT-E720K-v STNEYMDMKPG\	284	>KIT-E720K-r STNKYMDMKPG\	2242	1958
>KIT-E720K-v STNEYMDMKPG\	126	>KIT-E720K-r STNKYMDMKPG\	231	105
>KIT-E720K-v STNEYMDMKPG\	91	>KIT-E720K-r STNKYMDMKPG\	89	2
>KIT-E720K-v DSTNEYMDMKPG\	255	>KIT-E720K-r DSTNKYMDMKPG\	360	105
>KIT-E720K-v CSDSTNEY	5	>KIT-E720K-r CSDSTNKY	7	2
>KIT-E720K-v CSDSTNEYM	195	>KIT-E720K-r CSDSTNKYM	3442	3247
>KIT-E720K-v CSDSTNEY	155	>KIT-E720K-r CSDSTNKY	153	2
>KIT-E720K-v CSDSTNEY	390	>KIT-E720K-r CSDSTNKY	242	148
>KIT-E720K-v CSDSTNEYM	305	>KIT-E720K-r CSDSTNKYM	3897	3592
>KIT-E720K-v CSDSTNEY	64	>KIT-E720K-r CSDSTNKY	68	4
>KIT-E720K-v CSDSTNEYM	337	>KIT-E720K-r CSDSTNKYM	552	215
>KIT-E720K-v CSDSTNEY	174	>KIT-E720K-r CSDSTNKY	113	61
>KIT-E720K-v SCSDSTNEY	222	>KIT-E720K-r SCSDSTNKY	228	6
>KIT-E720K-v SCSDSTNEY	492	>KIT-E720K-r SCSDSTNKY	1266	774
>KIT-E720K-v SCSDSTNEY	476	>KIT-E720K-r SCSDSTNKY	2371	1895
>KIT-E720K-v SCSDSTNEY	234	>KIT-E720K-r SCSDSTNKY	168	66
>KIT-E720K-v SCSDSTNEYM	275	>KIT-E720K-r SCSDSTNKYM	311	36
>KIT-E720K-v SCSDSTNEY	124	>KIT-E720K-r SCSDSTNKY	767	643
>KIT-E720K-v SSCSDSTNEY	214	>KIT-E720K-r SSCSDSTNKY	370	156
>KIT-E720K-v SSCSDSTNE	21745	>KIT-E720K-r SSCSDSTNK	29	21716
>KIT-E720K-v SSCSDSTNEY	209	>KIT-E720K-r SSCSDSTNKY	279	70
>KIT-E720K-v SSCSDSTNEY	122	>KIT-E720K-r SSCSDSTNKY	157	35
>KIT-E720K-v SSCSDSTNEYI	154	>KIT-E720K-r SSCSDSTNKYI	303	149
>KIT-E720K-v SSCSDSTNEY	341	>KIT-E720K-r SSCSDSTNKY	290	51
>KIT-E720K-v SSCSDSTNE	22022	>KIT-E720K-r SSCSDSTNK	402	21620

>KIT-E720K-v SSCSDSTNEY	121	>KIT-E720K-r SSCSDSTNKY	449	328
>KIT-E720K-v SSCSDSTNEY	188	>KIT-E720K-r SSCSDSTNKY	444	256
>KIT-E720K-v SSCSDSTNEY	31	>KIT-E720K-r SSCSDSTNKY	25	6
>KIT-E720K-v SSCSDSTNEYI	255	>KIT-E720K-r SSCSDSTNKYI	118	137
>KIT-E720K-v SSCSDSTNEY	95	>KIT-E720K-r SSCSDSTNKY	80	15
>KIT-E720K-v SSCSDSTNEYI	31	>KIT-E720K-r SSCSDSTNKYI	40	9
>KIT-E720K-v SSCSDSTNE	7709	>KIT-E720K-r SSCSDSTNK	302	7407
>KIT-E720K-v SSCSDSTNEYI	318	>KIT-E720K-r SSCSDSTNKYI	383	65
>KIT-E720K-v ESSCSDSTNE'	206	>KIT-E720K-r ESSCSDSTNK'	349	143
>KIT-E720K-v ESSCSDSTNE	33139	>KIT-E720K-r ESSCSDSTNK	113	33026
>KIT-E720K-v ESSCSDSTNE'	699	>KIT-E720K-r ESSCSDSTNK'	270	429
>KIT-E720K-v ESSCSDSTNE'	59	>KIT-E720K-r ESSCSDSTNK'	86	27
>KIT-E720K-v ESSCSDSTNE'	186	>KIT-E720K-r ESSCSDSTNK'	239	53
>KIT-E720K-v ESSCSDSTNE'	364	>KIT-E720K-r ESSCSDSTNK'	352	12
>KIT-E720K-v ESSCSDSTNE	17619	>KIT-E720K-r ESSCSDSTNK	44	17575
>KIT-E720K-v ESSCSDSTNE'	97	>KIT-E720K-r ESSCSDSTNK'	136	39
>KIT-E720K-v ESSCSDSTNE'	440	>KIT-E720K-r ESSCSDSTNK'	1834	1394
>KIT-E720K-v ESSCSDSTNE'	315	>KIT-E720K-r ESSCSDSTNK'	620	305
>KIT-E720K-v ESSCSDSTNE'	36	>KIT-E720K-r ESSCSDSTNK'	28	8
>KIT-E720K-v ESSCSDSTNE'	28	>KIT-E720K-r ESSCSDSTNK'	81	53
>KIT-E720K-v ESSCSDSTNE'	209	>KIT-E720K-r ESSCSDSTNK'	154	55
>KIT-E73K-wi ETNENKQNE'	4605	>KIT-E73K-m KTNENKQNE'	455	4150
>KIT-E73K-wi ETNENKQNE'	418	>KIT-E73K-m KTNENKQNE'	10522	10104
>KIT-E73K-wi ETNENKQNE'	471	>KIT-E73K-m KTNENKQNE'	10375	9904
>KIT-E73K-wi ETNENKQNE'	173	>KIT-E73K-m KTNENKQNE'	4046	3873
>KIT-E73K-wi ETNENKQNE'	6895	>KIT-E73K-m KTNENKQNE'	143	6752
>KIT-E73K-wi ETNENKQNE'	4463	>KIT-E73K-m KTNENKQNE'	103	4360
>KIT-E73K-wi ETNENKQNE'	26	>KIT-E73K-m KTNENKQNE'	4162	4136
>KIT-E73K-wi ETNENKQNE'	27	>KIT-E73K-m KTNENKQNE'	4299	4272
>KIT-E73K-wi ETNENKQNE'	69	>KIT-E73K-m KTNENKQNE'	11	58
>KIT-E73K-wi ETNENKQNE'	4522	>KIT-E73K-m KTNENKQNE'	122	4400
>KIT-E73K-wi ETNENKQNE'	484	>KIT-E73K-m KTNENKQNE'	43	441
>KIT-E73K-wi ETNENKQNE'	320	>KIT-E73K-m KTNENKQNE'	12	308
>KIT-E73K-wi ETNENKQNE'	1214	>KIT-E73K-m KTNENKQNE'	139	1075
>KIT-E73K-wi DETNENKQN	491	>KIT-E73K-m DKTNENKQN	20643	20152
>KIT-E73K-wi DETNENKQN	96	>KIT-E73K-m DKTNENKQN	9517	9421
>KIT-E73K-wi DETNENKQN	140	>KIT-E73K-m DKTNENKQN	15356	15216
>KIT-E73K-wi FVKWTFEILD	26907	>KIT-E73K-m FVKWTFEILD	320	26587
>KIT-E73K-wi FVKWTFEILD	15540	>KIT-E73K-m FVKWTFEILD	125	15415
>KIT-E73K-wi EILDETNENK	1552	>KIT-E73K-m EILDKTNENK	492	1060
>KIT-E73K-wi EILDETNENK	506	>KIT-E73K-m EILDKTNENK	473	33
>KIT-E73K-wi EILDETNENK	190	>KIT-E73K-m EILDKTNENK	247	57
>KIT-E73K-wi FEILDETN	1594	>KIT-E73K-m FEILDKTN	156	1438



>KIT-E73K-wi WTFEILDET	80	>KIT-E73K-m WTFEILDKT	302	222
>KIT-E73K-wi WTFEILDET	50	>KIT-E73K-m WTFEILDKT	290	240
>KIT-E73K-wi WTFEILDET	274	>KIT-E73K-m WTFEILDKT	765	491
>KIT-E73K-wi WTFEILDE	26502	>KIT-E73K-m WTFEILDK	95	26407
>KIT-E73K-wi WTFEILDE	4449	>KIT-E73K-m WTFEILDK	16	4433
>KIT-E73K-wi WTFEILDET	19	>KIT-E73K-m WTFEILDKT	46	27
>KIT-E73K-wi WTFEILDET	317	>KIT-E73K-m WTFEILDKT	570	253
>KIT-E73K-wi WTFEILDET	359	>KIT-E73K-m WTFEILDKT	276	83
>KIT-E73K-wi KWTFEILDE	3158	>KIT-E73K-m KWTFEILDK	33	3125
>KIT-E73K-wi KWTFEILDE	323	>KIT-E73K-m KWTFEILDK	308	15
>KIT-E73K-wi KWTFEILDETI	239	>KIT-E73K-m KWTFEILDKT	259	20
>KIT-E73K-wi VKWTFEILDE	3128	>KIT-E73K-m VKWTFEILDK	336	2792
>KIT-E761K-v ELALDLEDL	11426	>KIT-E761K-r KLALDLEDL	282	11144
>KIT-E761K-v ELALDLEDLL	2965	>KIT-E761K-r KLALDLEDLL	271	2694
>KIT-E761K-v ELALDLEDL	336	>KIT-E761K-r KLALDLEDL	16	320
>KIT-E761K-v ELALDLEDLL	68	>KIT-E761K-r KLALDLEDLL	16	52
>KIT-E761K-v ELALDLEDL	3503	>KIT-E761K-r KLALDLEDL	94	3409
>KIT-E761K-v ELALDLEDL	7171	>KIT-E761K-r KLALDLEDL	190	6981
>KIT-E761K-v ELALDLEDLL	2635	>KIT-E761K-r KLALDLEDLL	227	2408
>KIT-E761K-v ELALDLEDL	4727	>KIT-E761K-r KLALDLEDL	164	4563
>KIT-E761K-v ELALDLEDLL	4066	>KIT-E761K-r KLALDLEDLL	140	3926
>KIT-E761K-v ELALDLEDL	2405	>KIT-E761K-r KLALDLEDL	123	2282
>KIT-E761K-v ELALDLEDLL	892	>KIT-E761K-r KLALDLEDLL	52	840
>KIT-E761K-v ELALDLEDL	407	>KIT-E761K-r KLALDLEDL	184	223
>KIT-E761K-v ELALDLEDLL	484	>KIT-E761K-r KLALDLEDLL	234	250
>KIT-E761K-v ELALDLEDL	250	>KIT-E761K-r KLALDLEDL	38	212
>KIT-E761K-v ELALDLEDLL	221	>KIT-E761K-r KLALDLEDLL	43	178
>KIT-E761K-v ELALDLEDL	467	>KIT-E761K-r KLALDLEDL	14759	14292
>KIT-E761K-v DELALDLEDLI	176	>KIT-E761K-r DKLALDLEDLI	9937	9761
>KIT-E761K-v DELALDLED	72	>KIT-E761K-r DKLALDLED	14959	14887
>KIT-E761K-v DELALDLEDLI	84	>KIT-E761K-r DKLALDLEDLI	13604	13520
>KIT-E761K-v DVTPAIMEDI	10807	>KIT-E761K-r DVTPAIMEDI	64	10743
>KIT-E761K-v MEDDELAL	285	>KIT-E761K-r MEDDKLAL	204	81
>KIT-E761K-v MEDDELAL	541	>KIT-E761K-r MEDDKLAL	473	68
>KIT-E761K-v MEDDELAL	138	>KIT-E761K-r MEDDKLAL	235	97
>KIT-E761K-v MEDDELAL	20	>KIT-E761K-r MEDDKLAL	17	3
>KIT-E761K-v MEDDELALDI	424	>KIT-E761K-r MEDDKLALDI	391	33
>KIT-E761K-v MEDDELALDI	381	>KIT-E761K-r MEDDKLALDI	574	193
>KIT-E761K-v IMEDDELAL	433	>KIT-E761K-r IMEDDKLAL	1390	957
>KIT-E761K-v IMEDDELA	291	>KIT-E761K-r IMEDDKLA	2230	1939
>KIT-E761K-v IMEDDELAL	95	>KIT-E761K-r IMEDDKLAL	281	186
>KIT-E761K-v IMEDDELAL	498	>KIT-E761K-r IMEDDKLAL	745	247
>KIT-E761K-v IMEDDELAL	81	>KIT-E761K-r IMEDDKLAL	98	17

>KIT-E761K-v IMEDDELALD	468	>KIT-E761K-r IMEDDKLALD	785	317
>KIT-E761K-v IMEDDELAL	51	>KIT-E761K-r IMEDDKLAL	138	87
>KIT-E761K-v IMEDDELALD	361	>KIT-E761K-r IMEDDKLALD	791	430
>KIT-E761K-v IMEDDELA	40	>KIT-E761K-r IMEDDKLA	74	34
>KIT-E761K-v IMEDDELAL	7	>KIT-E761K-r IMEDDKLAL	7	0
>KIT-E761K-v IMEDDELALD	11	>KIT-E761K-r IMEDDKLALD	16	5
>KIT-E761K-v AIMEDDEL	135	>KIT-E761K-r AIMEDDKL	694	559
>KIT-E761K-v AIMEDDELA	269	>KIT-E761K-r AIMEDDKLA	2667	2398
>KIT-E761K-v AIMEDDELAL	69	>KIT-E761K-r AIMEDDKLAL	146	77
>KIT-E761K-v AIMEDDEL	17	>KIT-E761K-r AIMEDDKL	77	60
>KIT-E761K-v AIMEDDELA	135	>KIT-E761K-r AIMEDDKLA	2596	2461
>KIT-E761K-v AIMEDDELAL	25	>KIT-E761K-r AIMEDDKLAL	59	34
>KIT-E761K-v AIMEDDELAL	195	>KIT-E761K-r AIMEDDKLAL	172	23
>KIT-E761K-v AIMEDDEL	69	>KIT-E761K-r AIMEDDKL	324	255
>KIT-E761K-v AIMEDDELA	90	>KIT-E761K-r AIMEDDKLA	706	616
>KIT-E761K-v AIMEDDELAL	172	>KIT-E761K-r AIMEDDKLAL	249	77
>KIT-E761K-v AIMEDDEL	189	>KIT-E761K-r AIMEDDKL	577	388
>KIT-E761K-v AIMEDDELAL	145	>KIT-E761K-r AIMEDDKLAL	273	128
>KIT-E761K-v AIMEDDEL	168	>KIT-E761K-r AIMEDDKL	606	438
>KIT-E761K-v AIMEDDELAL	102	>KIT-E761K-r AIMEDDKLAL	284	182
>KIT-E761K-v AIMEDDEL	413	>KIT-E761K-r AIMEDDKL	1155	742
>KIT-E761K-v AIMEDDEL	452	>KIT-E761K-r AIMEDDKL	1129	677
>KIT-E761K-v AIMEDDELAL	367	>KIT-E761K-r AIMEDDKLAL	1252	885
>KIT-E761K-v AIMEDDEL	77	>KIT-E761K-r AIMEDDKL	245	168
>KIT-E761K-v AIMEDDELA	494	>KIT-E761K-r AIMEDDKLA	1964	1470
>KIT-E761K-v AIMEDDELAL	53	>KIT-E761K-r AIMEDDKLAL	89	36
>KIT-E761K-v TPAIMEDDEL	348	>KIT-E761K-r TPAIMEDDKL	144	204
>KIT-E761K-v VTPAIMEDDE	34965	>KIT-E761K-r VTPAIMEDDD	231	34734
>KIT-E761K-v VTPAIMEDDE	31146	>KIT-E761K-r VTPAIMEDDD	213	30933
>KIT-E761K-v VTPAIMEDDE	142	>KIT-E761K-r VTPAIMEDDD	280	138
>KIT-E761K-v VTPAIMEDDE	6	>KIT-E761K-r VTPAIMEDDD	4	2
>KIT-E839K-v ESIFNCVY	195	>KIT-E839K-r KSIFNCVY	16508	16313
>KIT-E839K-v ESIFNCVYTF	87	>KIT-E839K-r KSIFNCVYTF	2170	2083
>KIT-E839K-v ESIFNCVY	11	>KIT-E839K-r KSIFNCVY	694	683
>KIT-E839K-v ESIFNCVYTF	7	>KIT-E839K-r KSIFNCVYTF	362	355
>KIT-E839K-v ESIFNCVY	464	>KIT-E839K-r KSIFNCVY	32	432
>KIT-E839K-v ESIFNCVY	9829	>KIT-E839K-r KSIFNCVY	269	9560
>KIT-E839K-v ESIFNCVYTF	81	>KIT-E839K-r KSIFNCVYTF	7	74
>KIT-E839K-v ESIFNCVY	74	>KIT-E839K-r KSIFNCVY	4851	4777
>KIT-E839K-v ESIFNCVYT	486	>KIT-E839K-r KSIFNCVYT	14314	13828
>KIT-E839K-v ESIFNCVYTFE	124	>KIT-E839K-r KSIFNCVYTFE	7696	7572
>KIT-E839K-v ESIFNCVYT	135	>KIT-E839K-r KSIFNCVYT	11193	11058
>KIT-E839K-v ESIFNCVY	246	>KIT-E839K-r KSIFNCVY	78	168

>KIT-E839K-v ESIFNCVYTF	535	>KIT-E839K-r KSIFNCVYTF	115	420
>KIT-E839K-v ESIFNCVY	550	>KIT-E839K-r KSIFNCVY	60	490
>KIT-E839K-v ESIFNCVYTF	98	>KIT-E839K-r KSIFNCVYTF	12	86
>KIT-E839K-v ESIFNCVY	28	>KIT-E839K-r KSIFNCVY	4	24
>KIT-E839K-v ESIFNCVYTF	11	>KIT-E839K-r KSIFNCVYTF	3	8
>KIT-E839K-v ESIFNCVY	470	>KIT-E839K-r KSIFNCVY	3885	3415
>KIT-E839K-v ESIFNCVYTF	4035	>KIT-E839K-r KSIFNCVYTF	107	3928
>KIT-E839K-v ESIFNCVY	4913	>KIT-E839K-r KSIFNCVY	31	4882
>KIT-E839K-v ESIFNCVYTF	1218	>KIT-E839K-r KSIFNCVYTF	15	1203
>KIT-E839K-v ESIFNCVY	1129	>KIT-E839K-r KSIFNCVY	357	772
>KIT-E839K-v ESIFNCVYTF	569	>KIT-E839K-r KSIFNCVYTF	51	518
>KIT-E839K-v PESIFNCVY	2640	>KIT-E839K-r PKSIFNCVY	97	2543
>KIT-E839K-v PESIFNCVYTF	852	>KIT-E839K-r PKSIFNCVYTF	28	824
>KIT-E839K-v PESIFNCVY	415	>KIT-E839K-r PKSIFNCVY	16171	15756
>KIT-E839K-v PESIFNCVYTF	57	>KIT-E839K-r PKSIFNCVYTF	8097	8040
>KIT-E839K-v ARLPVKWM/A	2674	>KIT-E839K-r ARLPVKWM/A	38	2636
>KIT-E839K-v ARLPVKWM/A	13062	>KIT-E839K-r ARLPVKWM/A	477	12585
>KIT-E839K-v APESIFNCVY	540	>KIT-E839K-r APKSIFNCVY	250	290
>KIT-E839K-v APESIFNCV	3488	>KIT-E839K-r APKSIFNCV	180	3308
>KIT-E839K-v APESIFNCVY	3447	>KIT-E839K-r APKSIFNCVY	325	3122
>KIT-E839K-v APESIFNCVY	117	>KIT-E839K-r APKSIFNCVY	237	120
>KIT-E839K-v APESIFNCV	904	>KIT-E839K-r APKSIFNCV	454	450
>KIT-E839K-v APESIFNCVY	57	>KIT-E839K-r APKSIFNCVY	91	34
>KIT-E839K-v APESIFNCVY	81	>KIT-E839K-r APKSIFNCVY	834	753
>KIT-E839K-v MAPESIFNCV	127	>KIT-E839K-r MAPKSIFNCV	408	281
>KIT-E839K-v MAPESIFNCV	155	>KIT-E839K-r MAPKSIFNCV	1158	1003
>KIT-E839K-v MAPESIFNCV	343	>KIT-E839K-r MAPKSIFNCV	1229	886
>KIT-E839K-v MAPESIFNCV	78	>KIT-E839K-r MAPKSIFNCV	379	301
>KIT-E839K-v MAPESIFNCV	22	>KIT-E839K-r MAPKSIFNCV	58	36
>KIT-E839K-v MAPESIFNCV	274	>KIT-E839K-r MAPKSIFNCV	1424	1150
>KIT-E839K-v MAPESIFNCV	292	>KIT-E839K-r MAPKSIFNCV	271	21
>KIT-E839K-v MAPESIFNCV	279	>KIT-E839K-r MAPKSIFNCV	197	82
>KIT-E839K-v MAPESIFNCV	110	>KIT-E839K-r MAPKSIFNCV	221	111
>KIT-E839K-v MAPESIFNCV	27	>KIT-E839K-r MAPKSIFNCV	56	29
>KIT-E839K-v MAPESIFNCV	397	>KIT-E839K-r MAPKSIFNCV	482	85
>KIT-E839K-v MAPESIFNC	32	>KIT-E839K-r MAPKSIFNC	38	6
>KIT-E839K-v MAPESIFNCV	10	>KIT-E839K-r MAPKSIFNCV	13	3
>KIT-E839K-v MAPESIFNCV	276	>KIT-E839K-r MAPKSIFNCV	358	82
>KIT-E839K-v WMAPESIFN/	20	>KIT-E839K-r WMAPKSIFN/	21	1
>KIT-E839K-v WMAPESIFN/	4	>KIT-E839K-r WMAPKSIFN/	4	0
>KIT-E839K-v WMAPESIFN/	6	>KIT-E839K-r WMAPKSIFN/	5	1
>KIT-E839K-v WMAPESIFN/	8	>KIT-E839K-r WMAPKSIFN/	10	2
>KIT-E839K-v WMAPESIFN/	25	>KIT-E839K-r WMAPKSIFN/	30	5

>KIT-E839K-v WMAPESIFN	6	>KIT-E839K-r WMAPKSIFN	6	0
>KIT-E839K-v WMAPESIFN	128	>KIT-E839K-r WMAPKSIFN	215	87
>KIT-E839K-v WMAPESIFN	5	>KIT-E839K-r WMAPKSIFN	5	0
>KIT-E839K-v WMAPESIFN	90	>KIT-E839K-r WMAPKSIFN	139	49
>KIT-E839K-v WMAPESIFN	6	>KIT-E839K-r WMAPKSIFN	6	0
>KIT-E839K-v WMAPESIFN	34	>KIT-E839K-r WMAPKSIFN	47	13
>KIT-E839K-v WMAPESIFN	3	>KIT-E839K-r WMAPKSIFN	3	0
>KIT-E839K-v WMAPESIFN	12	>KIT-E839K-r WMAPKSIFN	16	4
>KIT-E839K-v WMAPESIFN	2	>KIT-E839K-r WMAPKSIFN	2	0
>KIT-E839K-v WMAPESIF	225	>KIT-E839K-r WMAPKSIF	510	285
>KIT-E839K-v WMAPESIFN	113	>KIT-E839K-r WMAPKSIFN	70	43
>KIT-E839K-v WMAPESIFN	313	>KIT-E839K-r WMAPKSIFN	459	146
>KIT-E839K-v WMAPESIF	49	>KIT-E839K-r WMAPKSIF	47	2
>KIT-E839K-v WMAPESIF	58	>KIT-E839K-r WMAPKSIF	49	9
>KIT-E839K-v WMAPESIF	5	>KIT-E839K-r WMAPKSIF	8	3
>KIT-E839K-v WMAPESIFN	184	>KIT-E839K-r WMAPKSIFN	311	127
>KIT-E839K-v WMAPESIF	335	>KIT-E839K-r WMAPKSIF	275	60
>KIT-E839K-v WMAPESIF	53	>KIT-E839K-r WMAPKSIF	198	145
>KIT-E839K-v KWMAPESI	441	>KIT-E839K-r KWMAPKSI	876	435
>KIT-E839K-v KWMAPESI	415	>KIT-E839K-r KWMAPKSI	593	178
>KIT-E839K-v KWMAPESIF	353	>KIT-E839K-r KWMAPKSIF	313	40
>KIT-E839K-v KWMAPESI	127	>KIT-E839K-r KWMAPKSI	272	145
>KIT-E839K-v KWMAPESIF	28	>KIT-E839K-r KWMAPKSIF	44	16
>KIT-E839K-v KWMAPESIF	69	>KIT-E839K-r KWMAPKSIF	78	9
>KIT-E839K-v KWMAPESIF	141	>KIT-E839K-r KWMAPKSIF	75	66
>KIT-E839K-v KWMAPESIFI	547	>KIT-E839K-r KWMAPKSIFI	447	100
>KIT-E839K-v KWMAPESI	39	>KIT-E839K-r KWMAPKSI	36	3
>KIT-E839K-v KWMAPESIF	122	>KIT-E839K-r KWMAPKSIF	84	38
>KIT-E839K-v KWMAPESIFI	126	>KIT-E839K-r KWMAPKSIFI	115	11
>KIT-E839K-v VKWMAPESI	911	>KIT-E839K-r VKWMAPKSI	168	743
>KIT-E839K-v VKWMAPESI	19	>KIT-E839K-r VKWMAPKSI	11	8
>KIT-E839K-v VKWMAPESIF	2	>KIT-E839K-r VKWMAPKSIF	2	0
>KIT-E839K-v PVKWMAPE	11158	>KIT-E839K-r PVKWMAPE	30	11128
>KIT-E839K-v LPVKWMAPE	216	>KIT-E839K-r LPVKWMAPE	147	69
>KIT-E839K-v LPVKWMAPE	473	>KIT-E839K-r LPVKWMAPE	803	330
>KIT-E839K-v LPVKWMAPE	96	>KIT-E839K-r LPVKWMAPE	99	3
>KIT-E839K-v LPVKWMAPE	32	>KIT-E839K-r LPVKWMAPE	51	19
>KIT-E839K-v LPVKWMAPE	48	>KIT-E839K-r LPVKWMAPE	57	9
>KIT-E839K-v LPVKWMAPE	122	>KIT-E839K-r LPVKWMAPE	44	78
>KIT-E839K-v RLPVKWMAF	12943	>KIT-E839K-r RLPVKWMAF	51	12892
>KIT-E839K-v RLPVKWMAF	34963	>KIT-E839K-r RLPVKWMAF	412	34551
>KIT-E839K-v RLPVKWMAF	12621	>KIT-E839K-r RLPVKWMAF	56	12565
>KIT-E839K-v RLPVKWMAF	10264	>KIT-E839K-r RLPVKWMAF	187	10077

>KIT-E925G-\\ IEKQISEST	410	>KIT-E925G-r IGKQISEST	40574	40164
>KIT-E925G-\\ IEKQISEST	132	>KIT-E925G-r IGKQISEST	33337	33205
>KIT-E925G-\\ QLIKQISEST	407	>KIT-E925G-r QLIGKQISEST	504	97
>KIT-E925G-\\ QLIKQISEST	444	>KIT-E925G-r QLIGKQISEST	381	63
>KIT-E925G-\\ VQLIEKQI	685	>KIT-E925G-r VQLIGKQI	438	247
>KIT-E925G-\\ QIVQLIEK	223	>KIT-E925G-r QIVQLIGK	381	158
>KIT-E925G-\\ QIVQLIEK	211	>KIT-E925G-r QIVQLIGK	347	136
>KIT-E925G-\\ KQIVQLIEKQI	193	>KIT-E925G-r KQIVQLIGKQ	122	71
>KIT-E925G-\\ KQIVQLIEK	543	>KIT-E925G-r KQIVQLIGK	473	70
>KIT-E925G-\\ KQIVQLIEK	38	>KIT-E925G-r KQIVQLIGK	59	21
>KIT-E925G-\\ KQIVQLIEK	58	>KIT-E925G-r KQIVQLIGK	92	34
>KIT-E925G-\\ KQIVQLIEK	152	>KIT-E925G-r KQIVQLIGK	441	289
>KIT-E925G-\\ KQIVQLIEKQI	268	>KIT-E925G-r KQIVQLIGKQ	165	103
>KIT-E925G-\\ KQIVQLIEK	1193	>KIT-E925G-r KQIVQLIGK	443	750
>KIT-E925G-\\ KQIVQLIEKQI	355	>KIT-E925G-r KQIVQLIGKQ	326	29
>KIT-E925G-\\ TFKQIVQLIEK	72	>KIT-E925G-r TFKQIVQLIGK	112	40
>KIT-E925G-\\ TFKQIVQLIEK	337	>KIT-E925G-r TFKQIVQLIGK	804	467
>KIT-F469L-m PFGKLVVQSS	23525	>KIT-F469L-n PLGKLVVQSS	443	23082
>KIT-F469L-m VQTLNSSGPF	586	>KIT-F469L-n VQTLNSSGPF	113	473
>KIT-F469L-m VQTLNSSGPF	94	>KIT-F469L-n VQTLNSSGPF	1227	1133
>KIT-F469L-m VQTLNSSGPF	245	>KIT-F469L-n VQTLNSSGPF	3189	2944
>KIT-F469L-m VQTLNSSGPF	5	>KIT-F469L-n VQTLNSSGPF	75	70
>KIT-F469L-m PFGKLVV	347	>KIT-F469L-n PPLGKLVV	2166	1819
>KIT-F469L-m SGPPFGKL	521	>KIT-F469L-n SGPPLGKL	297	224
>KIT-F469L-m SGPPFGKLV	892	>KIT-F469L-n SGPPLGKLV	357	535
>KIT-F469L-m SGPPFGKL	71	>KIT-F469L-n SGPPLGKL	3412	3341
>KIT-F469L-m SGPPFGKLV	13	>KIT-F469L-n SGPPLGKLV	60	47
>KIT-F469L-m SGPPFGKLVV	202	>KIT-F469L-n SGPPLGKLVV	587	385
>KIT-F469L-m SSGPPFGK	390	>KIT-F469L-n SSGPPLGK	474	84
>KIT-F469L-m SSGPPFGK	13	>KIT-F469L-n SSGPPLGK	25	12
>KIT-F469L-m SSGPPFGKL	385	>KIT-F469L-n SSGPPLGKL	100	285
>KIT-F469L-m SSGPPFGKL	152	>KIT-F469L-n SSGPPLGKL	897	745
>KIT-F469L-m SSGPPFGKLV	325	>KIT-F469L-n SSGPPLGKLV	1279	954
>KIT-F469L-m SSGPPFGKL	252	>KIT-F469L-n SSGPPLGKL	350	98
>KIT-F469L-m SSGPPFGK	121	>KIT-F469L-n SSGPPLGK	299	178
>KIT-F469L-m SSGPPFGKL	46	>KIT-F469L-n SSGPPLGKL	56	10
>KIT-F469L-m NSSGPPFGK	38	>KIT-F469L-n NSSGPPLGK	89	51
>KIT-F469L-m NSSGPPFGK	115	>KIT-F469L-n NSSGPPLGK	763	648
>KIT-F469L-m NSSGPPFGKL	267	>KIT-F469L-n NSSGPPLGKL	706	439
>KIT-F469L-m NSSGPPFGKL	131	>KIT-F469L-n NSSGPPLGKL	279	148
>KIT-F469L-m NSSGPPFGKL	972	>KIT-F469L-n NSSGPPLGKL	491	481
>KIT-F469L-m NSSGPPFGKL	946	>KIT-F469L-n NSSGPPLGKL	487	459
>KIT-F469L-m LNSSGPPF	215	>KIT-F469L-n LNSSGPPL	3627	3412

>KIT-F469L-m LNSSGPPF	42	>KIT-F469L-n LNSSGPPL	1168	1126
>KIT-F469L-m TLNSSGPPF	15312	>KIT-F469L-n TLNSSGPPL	183	15129
>KIT-F469L-m TLNSSGPPF	6508	>KIT-F469L-n TLNSSGPPL	51	6457
>KIT-F469L-m TLNSSGPPF	2282	>KIT-F469L-n TLNSSGPPL	25	2257
>KIT-F469L-m TLNSSGPPF	4413	>KIT-F469L-n TLNSSGPPL	42	4371
>KIT-F469L-m TLNSSGPPF	13262	>KIT-F469L-n TLNSSGPPL	139	13123
>KIT-F469L-m TLNSSGPPF	10601	>KIT-F469L-n TLNSSGPPL	28	10573
>KIT-F469L-m TLNSSGPPF	16249	>KIT-F469L-n TLNSSGPPL	347	15902
>KIT-F469L-m TLNSSGPPF	4194	>KIT-F469L-n TLNSSGPPL	13	4181
>KIT-F469L-m TLNSSGPPFG	45	>KIT-F469L-n TLNSSGPPLG	45	0
>KIT-F469L-m TLNSSGPPFG	21	>KIT-F469L-n TLNSSGPPLG	29	8
>KIT-F469L-m TLNSSGPPFG	293	>KIT-F469L-n TLNSSGPPLG	950	657
>KIT-F469L-m TLNSSGPPF	12644	>KIT-F469L-n TLNSSGPPL	437	12207
>KIT-F469L-m TLNSSGPPF	31	>KIT-F469L-n TLNSSGPPL	244	213
>KIT-F469L-m TLNSSGPPF	55	>KIT-F469L-n TLNSSGPPL	1103	1048
>KIT-F469L-m TLNSSGPPF	9	>KIT-F469L-n TLNSSGPPL	218	209
>KIT-F469L-m TLNSSGPPF	382	>KIT-F469L-n TLNSSGPPL	3237	2855
>KIT-F469L-m QTLNSSGPPF	9059	>KIT-F469L-n QTLNSSGPPL	209	8850
>KIT-F469L-m QTLNSSGPPF	124	>KIT-F469L-n QTLNSSGPPL	1171	1047
>KIT-F469L-m QTLNSSGPPF	3336	>KIT-F469L-n QTLNSSGPPL	345	2991
>KIT-F469L-m QTLNSSGPPF	105	>KIT-F469L-n QTLNSSGPPL	560	455
>KIT-F469L-m QTLNSSGPPF	1532	>KIT-F469L-n QTLNSSGPPL	21	1511
>KIT-F469L-m QTLNSSGPPF	82	>KIT-F469L-n QTLNSSGPPL	2166	2084
>KIT-F469L-m QTLNSSGPPF	369	>KIT-F469L-n QTLNSSGPPL	5438	5069
>KIT-F469L-m QTLNSSGPPF	12	>KIT-F469L-n QTLNSSGPPL	305	293
>KIT-F469L-m QTLNSSGPPF	4	>KIT-F469L-n QTLNSSGPPL	6	2
>KIT-F469L-m QTLNSSGPPF	195	>KIT-F469L-n QTLNSSGPPL	1825	1630
>KIT-F469L-m QTLNSSGPPF	15324	>KIT-F469L-n QTLNSSGPPL	295	15029
>KIT-F504L-m YFNFAFKG	12611	>KIT-F504L-n YLNFAFKG	393	12218
>KIT-F504L-m YFNFAFKGNM	6172	>KIT-F504L-n YLNFAFKGNM	118	6054
>KIT-F504L-m YFNFAFKGNM	2252	>KIT-F504L-n YLNFAFKGNM	256	1996
>KIT-F504L-m YFNFAFKGNM	666	>KIT-F504L-n YLNFAFKGNM	388	278
>KIT-F504L-m YNDVGKTSAN	486	>KIT-F504L-n YNDVGKTSAN	3216	2730
>KIT-F504L-m AYFNFAFK	286	>KIT-F504L-n AYLNFAFK	1624	1338
>KIT-F504L-m AYFNFAFK	21	>KIT-F504L-n AYLNFAFK	43	22
>KIT-F504L-m AYFNFAFK	237	>KIT-F504L-n AYLNFAFK	168	69
>KIT-F504L-m AYFNFAFKG	628	>KIT-F504L-n AYLNFAFKG	368	260
>KIT-F504L-m AYFNFAFK	7	>KIT-F504L-n AYLNFAFK	9	2
>KIT-F504L-m AYFNFAFK	20	>KIT-F504L-n AYLNFAFK	38	18
>KIT-F504L-m AYFNFAFK	345	>KIT-F504L-n AYLNFAFK	765	420
>KIT-F504L-m AYFNFAFK	75	>KIT-F504L-n AYLNFAFK	1853	1778
>KIT-F504L-m AYFNFAFK	81	>KIT-F504L-n AYLNFAFK	127	46
>KIT-F504L-m AYFNFAFK	58	>KIT-F504L-n AYLNFAFK	93	35

>KIT-F504L-m SAYFNFAFK	33	>KIT-F504L-n SAYLNFAFK	43	10
>KIT-F504L-m SAYFNFAFK	7	>KIT-F504L-n SAYLNFAFK	9	2
>KIT-F504L-m SAYFNFAFK	9	>KIT-F504L-n SAYLNFAFK	14	5
>KIT-F504L-m SAYFNFAFK	23	>KIT-F504L-n SAYLNFAFK	34	11
>KIT-F504L-m SAYFNFAF	112	>KIT-F504L-n SAYLNFAF	325	213
>KIT-F504L-m SAYFNFAFK	3	>KIT-F504L-n SAYLNFAFK	8	5
>KIT-F504L-m SAYFNFAF	94	>KIT-F504L-n SAYLNFAF	163	69
>KIT-F504L-m SAYFNFAF	15	>KIT-F504L-n SAYLNFAF	22	7
>KIT-F504L-m SAYFNFAF	10	>KIT-F504L-n SAYLNFAF	9	1
>KIT-F504L-m SAYFNFAF	36	>KIT-F504L-n SAYLNFAF	34	2
>KIT-F504L-m SAYFNFAFK	89	>KIT-F504L-n SAYLNFAFK	144	55
>KIT-F504L-m TSAYFNFA	446	>KIT-F504L-n TSAYLNFA	533	87
>KIT-F504L-m TSAYFNFAFK	15	>KIT-F504L-n TSAYLNFAFK	23	8
>KIT-F504L-m TSAYFNFAFK	10	>KIT-F504L-n TSAYLNFAFK	16	6
>KIT-F504L-m TSAYFNFAFK	69	>KIT-F504L-n TSAYLNFAFK	155	86
>KIT-F504L-m TSAYFNFAFK	92	>KIT-F504L-n TSAYLNFAFK	208	116
>KIT-F504L-m TSAYFNFAF	20	>KIT-F504L-n TSAYLNFAF	35	15
>KIT-F504L-m TSAYFNFAF	392	>KIT-F504L-n TSAYLNFAF	936	544
>KIT-F504L-m TSAYFNFAFK	3	>KIT-F504L-n TSAYLNFAFK	4	1
>KIT-F504L-m TSAYFNFA	10	>KIT-F504L-n TSAYLNFA	14	4
>KIT-F504L-m TSAYFNFAF	246	>KIT-F504L-n TSAYLNFAF	177	69
>KIT-F504L-m TSAYFNFAF	18	>KIT-F504L-n TSAYLNFAF	57	39
>KIT-F504L-m TSAYFNFAF	25	>KIT-F504L-n TSAYLNFAF	25	0
>KIT-F504L-m TSAYFNFAF	62	>KIT-F504L-n TSAYLNFAF	58	4
>KIT-F504L-m TSAYFNFAF	71	>KIT-F504L-n TSAYLNFAF	62	9
>KIT-F504L-m TSAYFNFAF	54	>KIT-F504L-n TSAYLNFAF	281	227
>KIT-F504L-m TSAYFNFAF	108	>KIT-F504L-n TSAYLNFAF	118	10
>KIT-F504L-m TSAYFNFAFK	122	>KIT-F504L-n TSAYLNFAFK	191	69
>KIT-F504L-m KTSAYFNFA	417	>KIT-F504L-n KTSAYLNFA	186	231
>KIT-F504L-m KTSAYFNFA	17	>KIT-F504L-n KTSAYLNFA	10	7
>KIT-F504L-m KTSAYFNFA	131	>KIT-F504L-n KTSAYLNFA	49	82
>KIT-F504L-m KTSAYFNFA	10	>KIT-F504L-n KTSAYLNFA	15	5
>KIT-F504L-m KTSAYFNFAFI	29	>KIT-F504L-n KTSAYLNFAFI	31	2
>KIT-F504L-m KTSAYFNFAFI	6	>KIT-F504L-n KTSAYLNFAFI	7	1
>KIT-F504L-m KTSAYFNF	266	>KIT-F504L-n KTSAYLNF	814	548
>KIT-F504L-m KTSAYFNFAF	39	>KIT-F504L-n KTSAYLNFAF	167	128
>KIT-F504L-m KTSAYFNFA	9	>KIT-F504L-n KTSAYLNFA	11	2
>KIT-F504L-m KTSAYFNFAFI	3	>KIT-F504L-n KTSAYLNFAFI	4	1
>KIT-F504L-m KTSAYFNF	499	>KIT-F504L-n KTSAYLNF	3903	3404
>KIT-F504L-m KTSAYFNFAFI	7	>KIT-F504L-n KTSAYLNFAFI	9	2
>KIT-F504L-m KTSAYFNF	31	>KIT-F504L-n KTSAYLNF	45	14
>KIT-F504L-m KTSAYFNFAF	12	>KIT-F504L-n KTSAYLNFAF	14	2
>KIT-F504L-m KTSAYFNFAFI	18	>KIT-F504L-n KTSAYLNFAFI	31	13

>KIT-F504L-m KTSAYFNFA	112	>KIT-F504L-n KTSAYLNFA	512	400
>KIT-F504L-m KTSAYFNF	471	>KIT-F504L-n KTSAYLNF	366	105
>KIT-F504L-m KTSAYFNFAF	93	>KIT-F504L-n KTSAYLNFAF	127	34
>KIT-F504L-m KTSAYFNF	38	>KIT-F504L-n KTSAYLNF	42	4
>KIT-F504L-m KTSAYFNFAF	16	>KIT-F504L-n KTSAYLNFAF	37	21
>KIT-F504L-m KTSAYFNF	5	>KIT-F504L-n KTSAYLNF	3	2
>KIT-F504L-m KTSAYFNFAF	6	>KIT-F504L-n KTSAYLNFAF	5	1
>KIT-F504L-m KTSAYFNF	211	>KIT-F504L-n KTSAYLNF	305	94
>KIT-F504L-m KTSAYFNFAF	320	>KIT-F504L-n KTSAYLNFAF	490	170
>KIT-F504L-m KTSAYFNF	14	>KIT-F504L-n KTSAYLNF	17	3
>KIT-F504L-m KTSAYFNFAF	16	>KIT-F504L-n KTSAYLNFAF	17	1
>KIT-F504L-m KTSAYFNFA	148	>KIT-F504L-n KTSAYLNFA	680	532
>KIT-F504L-m KTSAYFNFAF	27	>KIT-F504L-n KTSAYLNFAF	79	52
>KIT-F504L-m KTSAYFNFAF	433	>KIT-F504L-n KTSAYLNFAF	858	425
>KIT-F504L-m KTSAYFNF	379	>KIT-F504L-n KTSAYLNF	278	101
>KIT-F504L-m KTSAYFNFAF	38	>KIT-F504L-n KTSAYLNFAF	37	1
>KIT-F504L-m KTSAYFNFAF	237	>KIT-F504L-n KTSAYLNFAF	246	9
>KIT-F504L-m KTSAYFNFAF	119	>KIT-F504L-n KTSAYLNFAF	220	101
>KIT-F504L-m KTSAYFNFAF	145	>KIT-F504L-n KTSAYLNFAF	350	205
>KIT-F504L-m GKTSAYFNF	271	>KIT-F504L-n GKTSAYLNF	1880	1609
>KIT-F504L-m GKTSAYFNF	10	>KIT-F504L-n GKTSAYLNF	7	3
>KIT-F504L-m GKTSAYFNFA	7	>KIT-F504L-n GKTSAYLNFA	9	2
>KIT-F504L-m VGKTSAYF	229	>KIT-F504L-n VGKTSAYL	5708	5479
>KIT-F504L-m VGKTSAYFNF	171	>KIT-F504L-n VGKTSAYLNF	133	38
>KIT-F504L-m VGKTSAYF	219	>KIT-F504L-n VGKTSAYL	3438	3219
>KIT-F504L-m VGKTSAYFNF	463	>KIT-F504L-n VGKTSAYLNF	333	130
>KIT-F504L-m DVGKTSAYF	211	>KIT-F504L-n DVGKTSAYL	1905	1694
>KIT-F504L-m DVGKTSAYF	10464	>KIT-F504L-n DVGKTSAYL	96	10368
>KIT-F584L-m FPRNRLSF	8	>KIT-F584L-n LPRNRLSF	8	0
>KIT-F584L-m FPRNRLSFGK	113	>KIT-F584L-n LPRNRLSFGK	180	67
>KIT-F584L-m FPRNRLSF	20	>KIT-F584L-n LPRNRLSF	39	19
>KIT-F584L-m FPRNRLSFG	148	>KIT-F584L-n LPRNRLSFG	495	347
>KIT-F584L-m FPRNRLSF	24	>KIT-F584L-n LPRNRLSF	53	29
>KIT-F584L-m FPRNRLSF	52	>KIT-F584L-n LPRNRLSF	128	76
>KIT-F584L-m FPRNRLSF	237	>KIT-F584L-n LPRNRLSF	569	332
>KIT-F584L-m FPRNRLSFG	145	>KIT-F584L-n LPRNRLSFG	674	529
>KIT-F584L-m FPRNRLSFGK	59	>KIT-F584L-n LPRNRLSFGK	703	644
>KIT-F584L-m FPRNRLSFGK	30	>KIT-F584L-n LPRNRLSFGK	154	124
>KIT-F584L-m FPRNRLSF	164	>KIT-F584L-n LPRNRLSF	635	471
>KIT-F584L-m EFPRNRLSF	479	>KIT-F584L-n ELPRNRLSF	5065	4586
>KIT-F584L-m EFPRNRLSF	14	>KIT-F584L-n ELPRNRLSF	2657	2643
>KIT-F584L-m EFPRNRLSFG	524	>KIT-F584L-n ELPRNRLSFG	296	228
>KIT-F584L-m EFPRNRLSF	348	>KIT-F584L-n ELPRNRLSF	2163	1815



>KIT-F584L-m TQLPYDHKW	10931	>KIT-F584L-n TQLPYDHKW	85	10846
>KIT-F584L-m TQLPYDHKW	14825	>KIT-F584L-n TQLPYDHKW	356	14469
>KIT-F584L-m TQLPYDHKW	34	>KIT-F584L-n TQLPYDHKW	12	22
>KIT-F584L-m TQLPYDHKW	8585	>KIT-F584L-n TQLPYDHKW	209	8376
>KIT-F584L-m TQLPYDHKW	11133	>KIT-F584L-n TQLPYDHKW	295	10838
>KIT-F584L-m TQLPYDHKW	67	>KIT-F584L-n TQLPYDHKW	1708	1641
>KIT-F584L-m TQLPYDHKW	176	>KIT-F584L-n TQLPYDHKW	3498	3322
>KIT-F584L-m TQLPYDHKW	23	>KIT-F584L-n TQLPYDHKW	516	493
>KIT-F584L-m TQLPYDHKW	199	>KIT-F584L-n TQLPYDHKW	2852	2653
>KIT-F584L-m TQLPYDHKW	1095	>KIT-F584L-n TQLPYDHKW	36	1059
>KIT-F584L-m WEFPRNRLSF	117	>KIT-F584L-n WELPRNRLSF	289	172
>KIT-F584L-m WEFPRNRLSF	337	>KIT-F584L-n WELPRNRLSF	659	322
>KIT-F584L-m WEFPRNRLSF	147	>KIT-F584L-n WELPRNRLSF	1072	925
>KIT-F584L-m WEFPRNRLSF	10	>KIT-F584L-n WELPRNRLSF	32	22
>KIT-F584L-m WEFPRNRL	202	>KIT-F584L-n WELPRNRL	511	309
>KIT-F584L-m WEFPRNRL	45	>KIT-F584L-n WELPRNRL	267	222
>KIT-F584L-m WEFPRNRL	89	>KIT-F584L-n WELPRNRL	183	94
>KIT-F584L-m WEFPRNRLSF	493	>KIT-F584L-n WELPRNRLSF	1379	886
>KIT-F584L-m WEFPRNRL	276	>KIT-F584L-n WELPRNRL	154	122
>KIT-F584L-m WEFPRNRLSF	49	>KIT-F584L-n WELPRNRLSF	46	3
>KIT-F584L-m WEFPRNRLSF	498	>KIT-F584L-n WELPRNRLSF	1098	600
>KIT-F584L-m KWEFPRNRLS	477	>KIT-F584L-n KWELPRNRLS	1596	1119
>KIT-F584L-m KWEFPRNRLS	162	>KIT-F584L-n KWELPRNRLS	182	20
>KIT-F584L-m KWEFPRNR	137	>KIT-F584L-n KWELPRNR	244	107
>KIT-F584L-m KWEFPRNR	13	>KIT-F584L-n KWELPRNR	13	0
>KIT-F584L-m KWEFPRNR	395	>KIT-F584L-n KWELPRNR	505	110
>KIT-F584L-m KWEFPRNRL	154	>KIT-F584L-n KWELPRNRL	175	21
>KIT-F584L-m KWEFPRNRLS	82	>KIT-F584L-n KWELPRNRLS	95	13
>KIT-F584L-m HKWEFPRNR	220	>KIT-F584L-n HKWELPRNR	652	432
>KIT-F584L-m HKWEFPRNR	59	>KIT-F584L-n HKWELPRNR	153	94
>KIT-F584L-m HKWEFPRNR	238	>KIT-F584L-n HKWELPRNR	225	13
>KIT-F584L-m HKWEFPRNR	33	>KIT-F584L-n HKWELPRNR	74	41
>KIT-F584L-m DHKWEFPR	218	>KIT-F584L-n DHKWELPR	930	712
>KIT-F584L-m DHKWEFPR	346	>KIT-F584L-n DHKWELPR	686	340
>KIT-F584L-m YDHKWEFPR	183	>KIT-F584L-n YDHWELPR	137	46
>KIT-F584L-m PYDHKWEL	147	>KIT-F584L-n PYDHWEL	1386	1239
>KIT-F584L-m PYDHKWEL	444	>KIT-F584L-n PYDHWEL	1702	1258
>KIT-F584L-m PYDHKWEL	61	>KIT-F584L-n PYDHWEL	268	207
>KIT-F584L-m PYDHKWELPI	67	>KIT-F584L-n PYDHWELPI	70	3
>KIT-F584L-m LPYDHKWELF	169	>KIT-F584L-n LPYDHWELF	1284	1115
>KIT-F584L-m LPYDHKWELF	170	>KIT-F584L-n LPYDHWELF	711	541
>KIT-F584L-m LPYDHKWELF	359	>KIT-F584L-n LPYDHWELF	1134	775
>KIT-F584L-m LPYDHKWEL	175	>KIT-F584L-n LPYDHWEL	38	137

>KIT-F584L-v LPYDHKWEF	1030	>KIT-F584L-n LPYDHKWEL	245	785
>KIT-F584L-v LPYDHKWEF	272	>KIT-F584L-n LPYDHKWEL	4450	4178
>KIT-F584L-v LPYDHKWEF	162	>KIT-F584L-n LPYDHKWEL	1746	1584
>KIT-F584L-v LPYDHKWEF	11	>KIT-F584L-n LPYDHKWEL	55	44
>KIT-F584L-v LPYDHKWEFI	212	>KIT-F584L-n LPYDHKWELFI	273	61
>KIT-F584L-v LPYDHKWEF	11169	>KIT-F584L-n LPYDHKWEL	452	10717
>KIT-F584L-v LPYDHKWEF	471	>KIT-F584L-n LPYDHKWEL	307	164
>KIT-F584L-v LPYDHKWEF	18	>KIT-F584L-n LPYDHKWEL	53	35
>KIT-F584L-v LPYDHKWEFI	124	>KIT-F584L-n LPYDHKWELFI	460	336
>KIT-F584L-v LPYDHKWEF	67	>KIT-F584L-n LPYDHKWEL	1007	940
>KIT-F584L-v LPYDHKWEF	11	>KIT-F584L-n LPYDHKWEL	67	56
>KIT-F584L-v LPYDHKWEFI	96	>KIT-F584L-n LPYDHKWELFI	80	16
>KIT-F584L-v QLPYDHKWE	13740	>KIT-F584L-n QLPYDHKWE	241	13499
>KIT-F584L-v QLPYDHKWE	7688	>KIT-F584L-n QLPYDHKWE	280	7408
>KIT-F584L-v QLPYDHKWE	6452	>KIT-F584L-n QLPYDHKWE	40	6412
>KIT-F584L-v QLPYDHKWE	446	>KIT-F584L-n QLPYDHKWE	5142	4696
>KIT-F584S-v FPRNRLSF	8	>KIT-F584S-n SPRNRLSF	7	1
>KIT-F584S-v FPRNRLSFGK	113	>KIT-F584S-n SPRNRLSFGK	134	21
>KIT-F584S-v FPRNRLSF	20	>KIT-F584S-n SPRNRLSF	39	19
>KIT-F584S-v FPRNRLSFG	148	>KIT-F584S-n SPRNRLSFG	450	302
>KIT-F584S-v FPRNRLSF	24	>KIT-F584S-n SPRNRLSF	158	134
>KIT-F584S-v FPRNRLSF	52	>KIT-F584S-n SPRNRLSF	788	736
>KIT-F584S-v FPRNRLSF	237	>KIT-F584S-n SPRNRLSF	5075	4838
>KIT-F584S-v FPRNRLSFG	145	>KIT-F584S-n SPRNRLSFG	10426	10281
>KIT-F584S-v FPRNRLSFGK	59	>KIT-F584S-n SPRNRLSFGK	1944	1885
>KIT-F584S-v FPRNRLSFGK	30	>KIT-F584S-n SPRNRLSFGK	5358	5328
>KIT-F584S-v FPRNRLSF	164	>KIT-F584S-n SPRNRLSF	4229	4065
>KIT-F584S-v EFPRNRLSF	479	>KIT-F584S-n ESPRNRLSF	5177	4698
>KIT-F584S-v EFPRNRLSF	14	>KIT-F584S-n ESPRNRLSF	3958	3944
>KIT-F584S-v EFPRNRLSF	5756	>KIT-F584S-n ESPRNRLSF	462	5294
>KIT-F584S-v EFPRNRLSF	5020	>KIT-F584S-n ESPRNRLSF	424	4596
>KIT-F584S-v EFPRNRLSFG	524	>KIT-F584S-n ESPRNRLSFG	76	448
>KIT-F584S-v EFPRNRLSF	3910	>KIT-F584S-n ESPRNRLSF	438	3472
>KIT-F584S-v EFPRNRLSF	348	>KIT-F584S-n ESPRNRLSF	8114	7766
>KIT-F584S-v TQLPYDHKW	34	>KIT-F584S-n TQLPYDHKW	220	186
>KIT-F584S-v TQLPYDHKW	67	>KIT-F584S-n TQLPYDHKW	26054	25987
>KIT-F584S-v TQLPYDHKW	176	>KIT-F584S-n TQLPYDHKW	20732	20556
>KIT-F584S-v TQLPYDHKW	23	>KIT-F584S-n TQLPYDHKW	9728	9705
>KIT-F584S-v TQLPYDHKW	199	>KIT-F584S-n TQLPYDHKW	12458	12259
>KIT-F584S-v WEFPRNRLSF	117	>KIT-F584S-n WESPRNRLSF	624	507
>KIT-F584S-v WEFPRNRLSF	337	>KIT-F584S-n WESPRNRLSF	1151	814
>KIT-F584S-v WEFPRNRLSF	147	>KIT-F584S-n WESPRNRLSF	399	252
>KIT-F584S-v WEFPRNRLSF	10	>KIT-F584S-n WESPRNRLSF	52	42

>KIT-F584S-v WEFPRNRL	202	>KIT-F584S-n WESPRNRL	1219	1017
>KIT-F584S-v WEFPRNRL	45	>KIT-F584S-n WESPRNRL	183	138
>KIT-F584S-v WEFPRNRL	89	>KIT-F584S-n WESPRNRL	461	372
>KIT-F584S-v WEFPRNRLSF	493	>KIT-F584S-n WESPRNRLSF	812	319
>KIT-F584S-v WEFPRNRLSF	645	>KIT-F584S-n WESPRNRLSF	175	470
>KIT-F584S-v WEFPRNRL	276	>KIT-F584S-n WESPRNRL	1902	1626
>KIT-F584S-v WEFPRNRLSF	49	>KIT-F584S-n WESPRNRLSF	106	57
>KIT-F584S-v WEFPRNRLSF	498	>KIT-F584S-n WESPRNRLSF	3370	2872
>KIT-F584S-v KWEFPRNRL	477	>KIT-F584S-n KWESPRNRL	376	101
>KIT-F584S-v KWEFPRNRL	162	>KIT-F584S-n KWESPRNRL	60	102
>KIT-F584S-v KWEFPRNR	137	>KIT-F584S-n KWESPRNR	143	6
>KIT-F584S-v KWEFPRNR	13	>KIT-F584S-n KWESPRNR	15	2
>KIT-F584S-v KWEFPRNR	395	>KIT-F584S-n KWESPRNR	413	18
>KIT-F584S-v KWEFPRNRL	154	>KIT-F584S-n KWESPRNRL	135	19
>KIT-F584S-v KWEFPRNRL	82	>KIT-F584S-n KWESPRNRL	71	11
>KIT-F584S-v HKWEFPRNR	220	>KIT-F584S-n HKWESPRNR	101	119
>KIT-F584S-v HKWEFPRNR	59	>KIT-F584S-n HKWESPRNR	29	30
>KIT-F584S-v HKWEFPRNR	238	>KIT-F584S-n HKWESPRNR	410	172
>KIT-F584S-v HKWEFPRNR	656	>KIT-F584S-n HKWESPRNR	492	164
>KIT-F584S-v HKWEFPRNR	33	>KIT-F584S-n HKWESPRNR	170	137
>KIT-F584S-v DHKWEFPR	218	>KIT-F584S-n DHKWESPR	632	414
>KIT-F584S-v DHKWEFPR	346	>KIT-F584S-n DHKWESPR	2260	1914
>KIT-F584S-v YDHKWEFPR	183	>KIT-F584S-n YDHWESPR	813	630
>KIT-F584S-v PYDHWESPR	147	>KIT-F584S-n PYDHWESPR	23004	22857
>KIT-F584S-v PYDHWESPR	444	>KIT-F584S-n PYDHWESPR	18576	18132
>KIT-F584S-v PYDHWESPR	61	>KIT-F584S-n PYDHWESPR	9229	9168
>KIT-F584S-v PYDHWESPR	67	>KIT-F584S-n PYDHWESPR	261	194
>KIT-F584S-v LPYDHWESPR	169	>KIT-F584S-n LPYDHWESPR	797	628
>KIT-F584S-v LPYDHWESPR	170	>KIT-F584S-n LPYDHWESPR	402	232
>KIT-F584S-v LPYDHWESPR	359	>KIT-F584S-n LPYDHWESPR	703	344
>KIT-F584S-v LPYDHWESPR	175	>KIT-F584S-n LPYDHWESPR	14207	14032
>KIT-F584S-v LPYDHWESPR	272	>KIT-F584S-n LPYDHWESPR	22885	22613
>KIT-F584S-v LPYDHWESPR	162	>KIT-F584S-n LPYDHWESPR	9357	9195
>KIT-F584S-v LPYDHWESPR	11	>KIT-F584S-n LPYDHWESPR	273	262
>KIT-F584S-v LPYDHWESPR	212	>KIT-F584S-n LPYDHWESPR	261	49
>KIT-F584S-v LPYDHWESPR	471	>KIT-F584S-n LPYDHWESPR	6218	5747
>KIT-F584S-v LPYDHWESPR	18	>KIT-F584S-n LPYDHWESPR	4663	4645
>KIT-F584S-v LPYDHWESPR	2431	>KIT-F584S-n LPYDHWESPR	249	2182
>KIT-F584S-v LPYDHWESPR	124	>KIT-F584S-n LPYDHWESPR	250	126
>KIT-F584S-v LPYDHWESPR	67	>KIT-F584S-n LPYDHWESPR	9869	9802
>KIT-F584S-v LPYDHWESPR	11	>KIT-F584S-n LPYDHWESPR	5321	5310
>KIT-F584S-v LPYDHWESPR	96	>KIT-F584S-n LPYDHWESPR	204	108
>KIT-F584S-v QLPYDHWESPR	446	>KIT-F584S-n QLPYDHWESPR	21412	20966

>KIT-F591L-m FGKTLGAGAF	241	>KIT-F591L-n LGKTLGAGAF	201	40
>KIT-F591L-m FGKTLGAGAF	353	>KIT-F591L-n LGKTLGAGAF	2573	2220
>KIT-F591L-m FGKTLGAGAF	408	>KIT-F591L-n LGKTLGAGAF	902	494
>KIT-F591L-m SFGKTLGA	14695	>KIT-F591L-n SLGKTLGA	172	14523
>KIT-F591L-m SFGKTLGAGA	14910	>KIT-F591L-n SLGKTLGAGA	141	14769
>KIT-F591L-m SFGKTLGA	17348	>KIT-F591L-n SLGKTLGA	75	17273
>KIT-F591L-m SFGKTLGAGA	16948	>KIT-F591L-n SLGKTLGAGA	55	16893
>KIT-F591L-m SFGKTLGA	20403	>KIT-F591L-n SLGKTLGA	269	20134
>KIT-F591L-m SFGKTLGAGA	18475	>KIT-F591L-n SLGKTLGAGA	160	18315
>KIT-F591L-m SFGKTLGA	14012	>KIT-F591L-n SLGKTLGA	41	13971
>KIT-F591L-m SFGKTLGAGA	15176	>KIT-F591L-n SLGKTLGAGA	57	15119
>KIT-F591L-m SFGKTLGA	21915	>KIT-F591L-n SLGKTLGA	26	21889
>KIT-F591L-m SFGKTLGAGA	23077	>KIT-F591L-n SLGKTLGAGA	41	23036
>KIT-F591L-m SFGKTLGAGA	17	>KIT-F591L-n SLGKTLGAGA	3038	3021
>KIT-F591L-m SFGKTLGAGA	1913	>KIT-F591L-n SLGKTLGAGA	73	1840
>KIT-F591L-m SFGKTLGAGA	544	>KIT-F591L-n SLGKTLGAGA	116	428
>KIT-F591L-m KWEFPRNRLS	477	>KIT-F591L-n KWEFPRNRLS	5896	5419
>KIT-F591L-m KWEFPRNRLS	162	>KIT-F591L-n KWEFPRNRLS	1921	1759
>KIT-F591L-m KWEFPRNRLS	82	>KIT-F591L-n KWEFPRNRLS	64	18
>KIT-F591L-m LSFSGKTLGA	411	>KIT-F591L-n LSLGKTLGA	1296	885
>KIT-F591L-m LSFSGKTLGAG	459	>KIT-F591L-n LSLGKTLGAG	1371	912
>KIT-F591L-m RLSFGKTL	152	>KIT-F591L-n RLSLGKTL	347	195
>KIT-F591L-m RLSFGKTLGA	167	>KIT-F591L-n RLSLGKTLGA	132	35
>KIT-F591L-m RLSFGKTL	74	>KIT-F591L-n RLSLGKTL	259	185
>KIT-F591L-m RLSFGKTLGA	123	>KIT-F591L-n RLSLGKTLGA	84	39
>KIT-F591L-m RLSFGKTL	89	>KIT-F591L-n RLSLGKTL	280	191
>KIT-F591L-m RLSFGKTLGA	339	>KIT-F591L-n RLSLGKTLGA	816	477
>KIT-F591L-m RLSFGKTL	321	>KIT-F591L-n RLSLGKTL	578	257
>KIT-F591L-m RLSFGKTL	396	>KIT-F591L-n RLSLGKTL	494	98
>KIT-F591L-m RLSFGKTLGA	496	>KIT-F591L-n RLSLGKTLGA	648	152
>KIT-F591L-m RLSFGKTL	20	>KIT-F591L-n RLSLGKTL	31	11
>KIT-F591L-m RLSFGKTLGA	36	>KIT-F591L-n RLSLGKTLGA	50	14
>KIT-F591L-m RLSFGKTL	136	>KIT-F591L-n RLSLGKTL	441	305
>KIT-F591L-m NRLSFGKTL	127	>KIT-F591L-n NRSLGKTL	371	244
>KIT-F591L-m NRLSFGKTL	187	>KIT-F591L-n NRSLGKTL	179	8
>KIT-F591L-m NRLSFGKTL	133	>KIT-F591L-n NRSLGKTL	156	23
>KIT-F591L-m NRLSFGKTL	303	>KIT-F591L-n NRSLGKTL	399	96
>KIT-F591L-m NRLSFGKTL	199	>KIT-F591L-n NRSLGKTL	216	17
>KIT-F591L-m RNRLSFGK	6	>KIT-F591L-n RNRLSLGK	6	0
>KIT-F591L-m RNRLSFGKTL	134	>KIT-F591L-n RNRLSLGKTL	222	88
>KIT-F591L-m RNRLSFGKTL	438	>KIT-F591L-n RNRLSLGKTL	1097	659
>KIT-F591L-m PRNRLSFGK	360	>KIT-F591L-n PRNRLSLGK	490	130
>KIT-F591L-m PRNRLSFGKT	738	>KIT-F591L-n PRNRLSLGKT	434	304

>KIT-F591L-m FPRNRLSF	8	>KIT-F591L-n FPRNRLSL	8	0
>KIT-F591L-m FPRNRLSFGK	113	>KIT-F591L-n FPRNRLSLGK	121	8
>KIT-F591L-m FPRNRLSF	20	>KIT-F591L-n FPRNRLSL	12	8
>KIT-F591L-m FPRNRLSFG	148	>KIT-F591L-n FPRNRLSLG	234	86
>KIT-F591L-m FPRNRLSF	24	>KIT-F591L-n FPRNRLSL	898	874
>KIT-F591L-m FPRNRLSF	52	>KIT-F591L-n FPRNRLSL	1002	950
>KIT-F591L-m FPRNRLSF	237	>KIT-F591L-n FPRNRLSL	923	686
>KIT-F591L-m FPRNRLSFG	145	>KIT-F591L-n FPRNRLSLG	38	107
>KIT-F591L-m FPRNRLSFGK	59	>KIT-F591L-n FPRNRLSLGK	96	37
>KIT-F591L-m FPRNRLSFGK	30	>KIT-F591L-n FPRNRLSLGK	44	14
>KIT-F591L-m FPRNRLSF	164	>KIT-F591L-n FPRNRLSL	2339	2175
>KIT-F591L-m EFPRNRLSF	479	>KIT-F591L-n EFPRNRLSL	2997	2518
>KIT-F591L-m EFPRNRLSF	14	>KIT-F591L-n EFPRNRLSL	154	140
>KIT-F591L-m EFPRNRLSF	348	>KIT-F591L-n EFPRNRLSL	207	141
>KIT-F591L-m WEFPRNRLSF	117	>KIT-F591L-n WEFPRNRLSL	44	73
>KIT-F591L-m WEFPRNRLSF	337	>KIT-F591L-n WEFPRNRLSL	831	494
>KIT-F591L-m WEFPRNRLSF	147	>KIT-F591L-n WEFPRNRLSL	3419	3272
>KIT-F591L-m WEFPRNRLSF	10	>KIT-F591L-n WEFPRNRLSL	128	118
>KIT-F591L-m WEFPRNRLSF	4024	>KIT-F591L-n WEFPRNRLSL	167	3857
>KIT-F591L-m WEFPRNRLSF	772	>KIT-F591L-n WEFPRNRLSL	173	599
>KIT-F591L-m WEFPRNRLSF	493	>KIT-F591L-n WEFPRNRLSL	144	349
>KIT-F591L-m WEFPRNRLSF	49	>KIT-F591L-n WEFPRNRLSL	31	18
>KIT-F591L-m WEFPRNRLSF	498	>KIT-F591L-n WEFPRNRLSL	292	206
>KIT-G470R-i GKLVVQSSI	600	>KIT-G470R-i RKLVVQSSI	297	303
>KIT-G470R-i GKLVVQSS	4196	>KIT-G470R-i RKLVVQSS	376	3820
>KIT-G470R-i GKLVVQSSI	150	>KIT-G470R-i RKLVVQSSI	15	135
>KIT-G470R-i GKLVVQSSI	1495	>KIT-G470R-i RKLVVQSSI	85	1410
>KIT-G470R-i FGKLVVQSSI	1622	>KIT-G470R-i FRKLVVQSSI	267	1355
>KIT-G470R-i FGKLVVQSSI	4901	>KIT-G470R-i FRKLVVQSSI	236	4665
>KIT-G470R-i FGKLVVQSSI	31033	>KIT-G470R-i FRKLVVQSSI	258	30775
>KIT-G470R-i QTLNSSGPPF	22675	>KIT-G470R-i QTLNSSGPPF	108	22567
>KIT-G470R-i QTLNSSGPPF	991	>KIT-G470R-i QTLNSSGPPF	318	673
>KIT-G470R-i QTLNSSGPPF	19825	>KIT-G470R-i QTLNSSGPPF	42	19783
>KIT-G470R-i QTLNSSGPPF	33527	>KIT-G470R-i QTLNSSGPPF	212	33315
>KIT-G470R-i QTLNSSGPPF	27167	>KIT-G470R-i QTLNSSGPPF	22	27145
>KIT-G470R-i QTLNSSGPPF	10931	>KIT-G470R-i QTLNSSGPPF	138	10793
>KIT-G470R-i QTLNSSGPPF	35802	>KIT-G470R-i QTLNSSGPPF	383	35419
>KIT-G470R-i PPFGKLVV	347	>KIT-G470R-i PPFKLVV	754	407
>KIT-G470R-i GPPFGKLV	2515	>KIT-G470R-i GPPFRKLV	284	2231
>KIT-G470R-i GPPFGKLVV	2604	>KIT-G470R-i GPPFRKLVV	81	2523
>KIT-G470R-i GPPFGKLVVC	3045	>KIT-G470R-i GPPFRKLVVC	279	2766
>KIT-G470R-i SGPPFGKLVV	893	>KIT-G470R-i SGPPFRKLVV	345	548
>KIT-G470R-i SGPPFGKL	71	>KIT-G470R-i SGPPFRKL	80	9

>KIT-G470R-1 SGPPFGKLV	13	>KIT-G470R-1 SGPPFRKLV	26	13
>KIT-G470R-1 SGPPFGKLVV	202	>KIT-G470R-1 SGPPFRKLVV	317	115
>KIT-G470R-1 SSGPPFGK	390	>KIT-G470R-1 SSGPPFRK	306	84
>KIT-G470R-1 SSGPPFGK	13	>KIT-G470R-1 SSGPPFRK	16	3
>KIT-G470R-1 SSGPPFGKL	385	>KIT-G470R-1 SSGPPFRKL	321	64
>KIT-G470R-1 SSGPPFGKL	152	>KIT-G470R-1 SSGPPFRKL	81	71
>KIT-G470R-1 SSGPPFGKLV	325	>KIT-G470R-1 SSGPPFRKLV	378	53
>KIT-G470R-1 SSGPPFGKL	252	>KIT-G470R-1 SSGPPFRKL	657	405
>KIT-G470R-1 SSGPPFGK	121	>KIT-G470R-1 SSGPPFRK	93	28
>KIT-G470R-1 SSGPPFGKL	46	>KIT-G470R-1 SSGPPFRKL	72	26
>KIT-G470R-1 NSSGPPFGK	38	>KIT-G470R-1 NSSGPPFRK	45	7
>KIT-G470R-1 NSSGPPFG	33762	>KIT-G470R-1 NSSGPPFR	163	33599
>KIT-G470R-1 NSSGPPFG	24842	>KIT-G470R-1 NSSGPPFR	20	24822
>KIT-G470R-1 NSSGPPFGK	115	>KIT-G470R-1 NSSGPPFRK	146	31
>KIT-G470R-1 NSSGPPFGKL	267	>KIT-G470R-1 NSSGPPFRKL	1211	944
>KIT-G470R-1 NSSGPPFGKL	131	>KIT-G470R-1 NSSGPPFRKL	55	76
>KIT-G470R-1 NSSGPPFGK	777	>KIT-G470R-1 NSSGPPFRK	397	380
>KIT-G470R-1 LNSSGPPFG	39275	>KIT-G470R-1 LNSSGPPFR	320	38955
>KIT-G470R-1 TLNSSGPPFG	45	>KIT-G470R-1 TLNSSGPPFR	41	4
>KIT-G470R-1 TLNSSGPPFG	33229	>KIT-G470R-1 TLNSSGPPFR	376	32853
>KIT-G470R-1 TLNSSGPPFG	21	>KIT-G470R-1 TLNSSGPPFR	21	0
>KIT-G470R-1 TLNSSGPPFG	33540	>KIT-G470R-1 TLNSSGPPFR	328	33212
>KIT-G470R-1 TLNSSGPPFG	992	>KIT-G470R-1 TLNSSGPPFR	480	512
>KIT-G470R-1 TLNSSGPPFG	37765	>KIT-G470R-1 TLNSSGPPFR	287	37478
>KIT-G470R-1 TLNSSGPPFG	293	>KIT-G470R-1 TLNSSGPPFR	349	56
>KIT-G470R-1 TLNSSGPPFG	20516	>KIT-G470R-1 TLNSSGPPFR	94	20422
>KIT-G498S-1 GKTSAYFNF	271	>KIT-G498S-r SKTSAYFNF	50	221
>KIT-G498S-1 GKTSAYFNF	10	>KIT-G498S-r SKTSAYFNF	6	4
>KIT-G498S-1 GKTSAYFNFA	7	>KIT-G498S-r SKTSAYFNFA	4	3
>KIT-G498S-1 VGKTSAYFNF	729	>KIT-G498S-r VSKTSAYFNF	37	692
>KIT-G498S-1 VGKTSAYF	759	>KIT-G498S-r VSKTSAYF	157	602
>KIT-G498S-1 VGKTSAYF	229	>KIT-G498S-r VSKTSAYF	17	212
>KIT-G498S-1 VGKTSAYFNF	171	>KIT-G498S-r VSKTSAYFNF	15	156
>KIT-G498S-1 VGKTSAYF	219	>KIT-G498S-r VSKTSAYF	4	215
>KIT-G498S-1 VGKTSAYFNF	463	>KIT-G498S-r VSKTSAYFNF	5	458
>KIT-G498S-1 VGKTSAYF	5132	>KIT-G498S-r VSKTSAYF	174	4958
>KIT-G498S-1 VGKTSAYFNF	7892	>KIT-G498S-r VSKTSAYFNF	402	7490
>KIT-G498S-1 VGKTSAYF	9018	>KIT-G498S-r VSKTSAYF	183	8835
>KIT-G498S-1 VGKTSAYFNF	9483	>KIT-G498S-r VSKTSAYFNF	247	9236
>KIT-G498S-1 VGKTSAYF	10188	>KIT-G498S-r VSKTSAYF	188	10000
>KIT-G498S-1 VGKTSAYFNF	7432	>KIT-G498S-r VSKTSAYFNF	232	7200
>KIT-G498S-1 VGKTSAYFNF	1883	>KIT-G498S-r VSKTSAYFNF	117	1766
>KIT-G498S-1 DVGKTSAY	235	>KIT-G498S-r DVSKTSAY	127	108

>KIT-G498S-\\ DVGKTSAY	279	>KIT-G498S-r DVSKTSAY	24	255
>KIT-G498S-\\ DVGKTSAYF	1751	>KIT-G498S-r DVSKTSAYF	101	1650
>KIT-G498S-\\ DVGKTSAY	51	>KIT-G498S-r DVSKTSAY	48	3
>KIT-G498S-\\ DVGKTSAYF	211	>KIT-G498S-r DVSKTSAYF	218	7
>KIT-G498S-\\ DVGKTSAY	57	>KIT-G498S-r DVSKTSAY	505	448
>KIT-G498S-\\ DVGKTSAY	695	>KIT-G498S-r DVSKTSAY	206	489
>KIT-G498S-\\ DVGKTSAY	2983	>KIT-G498S-r DVSKTSAY	363	2620
>KIT-G498S-\\ DVGKTSAY	408	>KIT-G498S-r DVSKTSAY	80	328
>KIT-G498S-\\ DVGKTSAY	3023	>KIT-G498S-r DVSKTSAY	183	2840
>KIT-G498S-\\ NDVGKTSAY	229	>KIT-G498S-r NDVSKTSAY	619	390
>KIT-G498S-\\ NDVGKTSAY	1421	>KIT-G498S-r NDVSKTSAY	366	1055
>KIT-G498S-\\ YNDVGKTSAY	1202	>KIT-G498S-r YNDVSKTSAY	461	741
>KIT-G498S-\\ YNDVGKTSAY	215	>KIT-G498S-r YNDVSKTSAY	354	139
>KIT-G498S-\\ YNDVGKTSAY	486	>KIT-G498S-r YNDVSKTSAY	597	111
>KIT-G498S-\\ AYNDVGKTSAY	198	>KIT-G498S-r AYNDVSKTSAY	208	10
>KIT-G498S-\\ AYNDVGKTSAY	62	>KIT-G498S-r AYNDVSKTSAY	46	16
>KIT-G498S-\\ AYNDVGKTSAY	167	>KIT-G498S-r AYNDVSKTSAY	103	64
>KIT-G498S-\\ KAYNDVGKTSAY	604	>KIT-G498S-r KAYNDVSKTSAY	416	188
>KIT-G498S-\\ KAYNDVGK	91	>KIT-G498S-r KAYNDVSK	65	26
>KIT-G498S-\\ KAYNDVGK	79	>KIT-G498S-r KAYNDVSK	44	35
>KIT-G498S-\\ KAYNDVGK	186	>KIT-G498S-r KAYNDVSK	52	134
>KIT-G498S-\\ KAYNDVGK	858	>KIT-G498S-r KAYNDVSK	414	444
>KIT-G565R-\\ VQWKVVEEII	19269	>KIT-G565R-i VQWKVVEEII	76	19193
>KIT-G565R-\\ VQWKVVEEII	4752	>KIT-G565R-i VQWKVVEEII	378	4374
>KIT-G565R-\\ VQWKVVEEII	33678	>KIT-G565R-i VQWKVVEEII	207	33471
>KIT-G565R-\\ INGNNYVYI	163	>KIT-G565R-i INRNNYVYI	1152	989
>KIT-G565R-\\ INGNNYVYI	141	>KIT-G565R-i INRNNYVYI	166	25
>KIT-G565R-\\ INGNNYVY	382	>KIT-G565R-i INRNNYVY	828	446
>KIT-G565R-\\ INGNNYVYI	12481	>KIT-G565R-i INRNNYVYI	69	12412
>KIT-G565R-\\ INGNNYVY	256	>KIT-G565R-i INRNNYVY	287	31
>KIT-G565R-\\ INGNNYVY	1137	>KIT-G565R-i INRNNYVY	371	766
>KIT-G565R-\\ INGNNYVY	1070	>KIT-G565R-i INRNNYVY	70	1000
>KIT-G565R-\\ INGNNYVYI	2532	>KIT-G565R-i INRNNYVYI	238	2294
>KIT-G565R-\\ EINGNNYV	299	>KIT-G565R-i EINRNNYV	1103	804
>KIT-G565R-\\ EINGNNYV	64	>KIT-G565R-i EINRNNYV	199	135
>KIT-G565R-\\ EINGNNYVYI	229	>KIT-G565R-i EINRNNYVYI	597	368
>KIT-G565R-\\ EINGNNYV	442	>KIT-G565R-i EINRNNYV	1583	1141
>KIT-G565R-\\ EINGNNYV	41	>KIT-G565R-i EINRNNYV	186	145
>KIT-G565R-\\ EINGNNYVYI	257	>KIT-G565R-i EINRNNYVYI	1155	898
>KIT-G565R-\\ EINGNNYV	34	>KIT-G565R-i EINRNNYV	156	122
>KIT-G565R-\\ EINGNNYVY	203	>KIT-G565R-i EINRNNYVY	936	733
>KIT-G565R-\\ EINGNNYVY	17	>KIT-G565R-i EINRNNYVY	31	14
>KIT-G565R-\\ EINGNNYVY	425	>KIT-G565R-i EINRNNYVY	1578	1153

>KIT-G565R-1 EINGNNYVY	218	>KIT-G565R-1 EINRNNYVY	800	582
>KIT-G565R-1 EINGNNYVY	70	>KIT-G565R-1 EINRNNYVY	93	23
>KIT-G565R-1 EINGNNYVY	340	>KIT-G565R-1 EINRNNYVY	355	15
>KIT-G565R-1 EINGNNYV	8	>KIT-G565R-1 EINRNNYV	11	3
>KIT-G565R-1 EINGNNYVYI	101	>KIT-G565R-1 EINRNNYVYI	120	19
>KIT-G565R-1 EINGNNYV	11	>KIT-G565R-1 EINRNNYV	18	7
>KIT-G565R-1 EINGNNYVYI	36	>KIT-G565R-1 EINRNNYVYI	48	12
>KIT-G565R-1 EINGNNYVY	168	>KIT-G565R-1 EINRNNYVY	390	222
>KIT-G565R-1 EINGNNYVY	1173	>KIT-G565R-1 EINRNNYVY	230	943
>KIT-G565R-1 EINGNNYVY	81	>KIT-G565R-1 EINRNNYVY	231	150
>KIT-G565R-1 EEINGNNYV	837	>KIT-G565R-1 EEINRNNYV	206	631
>KIT-G565R-1 EEINGNNYVY	76	>KIT-G565R-1 EEINRNNYVY	40	36
>KIT-G565R-1 EEINGNNY	230	>KIT-G565R-1 EEINRNNY	428	198
>KIT-G565R-1 EEINGNNYVY	179	>KIT-G565R-1 EEINRNNYVY	415	236
>KIT-G565R-1 EEINGNNY	19	>KIT-G565R-1 EEINRNNY	24	5
>KIT-G565R-1 EEINGNNYVY	134	>KIT-G565R-1 EEINRNNYVY	153	19
>KIT-G565R-1 EEINGNNYVY	328	>KIT-G565R-1 EEINRNNYVY	448	120
>KIT-G565R-1 EEINGNNYV	241	>KIT-G565R-1 EEINRNNYV	660	419
>KIT-G565R-1 EEINGNNY	278	>KIT-G565R-1 EEINRNNY	639	361
>KIT-G565R-1 EEINGNNYVY	322	>KIT-G565R-1 EEINRNNYVY	393	71
>KIT-G565R-1 EEINGNNYV	234	>KIT-G565R-1 EEINRNNYV	3307	3073
>KIT-G565R-1 EEINGNNYVY	59	>KIT-G565R-1 EEINRNNYVY	337	278
>KIT-G565R-1 EEINGNNYVY	300	>KIT-G565R-1 EEINRNNYVY	581	281
>KIT-G565R-1 EEINGNNYVY	466	>KIT-G565R-1 EEINRNNYVY	402	64
>KIT-G565R-1 EEINGNNY	70	>KIT-G565R-1 EEINRNNY	106	36
>KIT-G565R-1 EEINGNNYV	488	>KIT-G565R-1 EEINRNNYV	526	38
>KIT-G565R-1 EEINGNNYVY	180	>KIT-G565R-1 EEINRNNYVY	120	60
>KIT-G565R-1 EEINGNNYVY	190	>KIT-G565R-1 EEINRNNYVY	202	12
>KIT-G565R-1 EEINGNNYV	74	>KIT-G565R-1 EEINRNNYV	214	140
>KIT-G565R-1 EEINGNNYVY	97	>KIT-G565R-1 EEINRNNYVY	213	116
>KIT-G565R-1 EEINGNNYV	305	>KIT-G565R-1 EEINRNNYV	423	118
>KIT-G565R-1 EEINGNNYVY	63	>KIT-G565R-1 EEINRNNYVY	81	18
>KIT-G565R-1 VEEINGNNYV	328	>KIT-G565R-1 VEEINRNNYV	115	213
>KIT-G565R-1 VEEINGNNYV	94	>KIT-G565R-1 VEEINRNNYV	101	7
>KIT-G565R-1 VEEINGNNYV	377	>KIT-G565R-1 VEEINRNNYV	1347	970
>KIT-G565R-1 VVEEINGNNY	217	>KIT-G565R-1 VVEEINRNNY	273	56
>KIT-G565R-1 VVEEINGNNY	87	>KIT-G565R-1 VVEEINRNNY	158	71
>KIT-G565R-1 VVEEINGNNY	121	>KIT-G565R-1 VVEEINRNNY	180	59
>KIT-G565R-1 VVEEINGNNY	35	>KIT-G565R-1 VVEEINRNNY	58	23
>KIT-G565R-1 VVEEINGNNY	316	>KIT-G565R-1 VVEEINRNNY	491	175
>KIT-G565R-1 VVEEINGNNY	167	>KIT-G565R-1 VVEEINRNNY	388	221
>KIT-G565R-1 VVEEINGNNY	178	>KIT-G565R-1 VVEEINRNNY	685	507
>KIT-G565R-1 KVVEEINGNN	31	>KIT-G565R-1 KVVEEINRNN	28	3



>KIT-G565R-1 KVVVEEINGNN	61	>KIT-G565R-1 KVVVEEINRNN	146	85
>KIT-G565R-1 KVVVEEINGNN	114	>KIT-G565R-1 KVVVEEINRNN	75	39
>KIT-G565R-1 KVVVEEING	22701	>KIT-G565R-1 KVVVEEINR	119	22582
>KIT-G565R-1 KVVVEEING	40630	>KIT-G565R-1 KVVVEEINR	268	40362
>KIT-G565R-1 KVVVEEINGNN	114	>KIT-G565R-1 KVVVEEINRNN	226	112
>KIT-G565R-1 KVVVEEINGNN	100	>KIT-G565R-1 KVVVEEINRNN	197	97
>KIT-G565R-1 KVVVEEING	27549	>KIT-G565R-1 KVVVEEINR	45	27504
>KIT-G565R-1 QWKVVEEINI	27224	>KIT-G565R-1 QWKVVEEINI	69	27155
>KIT-G596D-1 GAGAFGKV	7843	>KIT-G596D-1 DAGAFGKV	259	7584
>KIT-G596D-1 LGAGAFGKV	13579	>KIT-G596D-1 LDAGAFGKV	119	13460
>KIT-G596D-1 LGAGAFGKV	18398	>KIT-G596D-1 LDAGAFGKV	373	18025
>KIT-G596D-1 TLGAGAFGK\	242	>KIT-G596D-1 TLDAGAFGK\	161	81
>KIT-G596D-1 TLGAGAFGK\	1042	>KIT-G596D-1 TLDAGAFGK\	403	639
>KIT-G596D-1 TLGAGAFGK\	90	>KIT-G596D-1 TLDAGAFGK\	123	33
>KIT-G596D-1 TLGAGAFGK\	394	>KIT-G596D-1 TLDAGAFGK\	336	58
>KIT-G596D-1 TLGAGAFGK\	25	>KIT-G596D-1 TLDAGAFGK\	37	12
>KIT-G596D-1 TLGAGAFGK\	116	>KIT-G596D-1 TLDAGAFGK\	300	184
>KIT-G596D-1 TLGAGAFGK\	1058	>KIT-G596D-1 TLDAGAFGK\	365	693
>KIT-G596D-1 TLGAGAFGK\	12	>KIT-G596D-1 TLDAGAFGK\	7	5
>KIT-G596D-1 TLGAGAFGK\	13	>KIT-G596D-1 TLDAGAFGK\	7	6
>KIT-G596D-1 TLGAGAFGK\	68	>KIT-G596D-1 TLDAGAFGK\	33	35
>KIT-G596D-1 TLGAGAFGK\	50	>KIT-G596D-1 TLDAGAFGK\	27	23
>KIT-G596D-1 TLGAGAFGK\	17	>KIT-G596D-1 TLDAGAFGK\	10	7
>KIT-G596D-1 TLGAGAFGK\	30	>KIT-G596D-1 TLDAGAFGK\	15	15
>KIT-G596D-1 TLGAGAFGK\	31	>KIT-G596D-1 TLDAGAFGK\	21	10
>KIT-G596D-1 TLGAGAFGK\	75	>KIT-G596D-1 TLDAGAFGK\	47	28
>KIT-G596D-1 TLGAGAFGK\	3	>KIT-G596D-1 TLDAGAFGK\	4	1
>KIT-G596D-1 TLGAGAFGK\	5	>KIT-G596D-1 TLDAGAFGK\	7	2
>KIT-G596D-1 TLGAGAFGK	67	>KIT-G596D-1 TLDAGAFGK	102	35
>KIT-G596D-1 TLGAGAFGK	45	>KIT-G596D-1 TLDAGAFGK	56	11
>KIT-G596D-1 TLGAGAFGK\	212	>KIT-G596D-1 TLDAGAFGK\	45	167
>KIT-G596D-1 TLGAGAFGK\	1383	>KIT-G596D-1 TLDAGAFGK\	480	903
>KIT-G596D-1 KTLGAGAFGk	1001	>KIT-G596D-1 KTLDAGAFGk	488	513
>KIT-G596D-1 KTLGAGAFGk	67	>KIT-G596D-1 KTLDAGAFGk	39	28
>KIT-G596D-1 KTLGAGAFGk	41	>KIT-G596D-1 KTLDAGAFGk	25	16
>KIT-G596D-1 KTLGAGAFGk	1382	>KIT-G596D-1 KTLDAGAFGk	342	1040
>KIT-G596D-1 KTLGAGAFGk	93	>KIT-G596D-1 KTLDAGAFGk	60	33
>KIT-G596D-1 KTLGAGAFGk	365	>KIT-G596D-1 KTLDAGAFGk	162	203
>KIT-G596D-1 KTLGAGAFGk	22	>KIT-G596D-1 KTLDAGAFGk	24	2
>KIT-G596D-1 KTLGAGAFGk	19	>KIT-G596D-1 KTLDAGAFGk	16	3
>KIT-G596D-1 KTLGAGAF	213	>KIT-G596D-1 KTLDAGAF	383	170
>KIT-G596D-1 KTLGAGAFG	52	>KIT-G596D-1 KTLDAGAFG	41	11
>KIT-G596D-1 KTLGAGAFGk	8	>KIT-G596D-1 KTLDAGAFGk	8	0

>KIT-G596D- <sup>1</sup> KTLGAGAFGk	91	>KIT-G596D- <sup>1</sup> KTLDAGAFGk	80	11
>KIT-G596D- <sup>1</sup> KTLGAGAFGk	152	>KIT-G596D- <sup>1</sup> KTLDAGAFGk	256	104
>KIT-G596D- <sup>1</sup> KTLGAGAF	13	>KIT-G596D- <sup>1</sup> KTLDAGAF	30	17
>KIT-G596D- <sup>1</sup> KTLGAGAFGk	431	>KIT-G596D- <sup>1</sup> KTLDAGAFGk	534	103
>KIT-G596D- <sup>1</sup> KTLGAGAFGk	128	>KIT-G596D- <sup>1</sup> KTLDAGAFGk	36	92
>KIT-G596D- <sup>1</sup> KTLGAGAF	378	>KIT-G596D- <sup>1</sup> KTLDAGAF	335	43
>KIT-G596D- <sup>1</sup> KTLGAGAF	155	>KIT-G596D- <sup>1</sup> KTLDAGAF	88	67
>KIT-G596D- <sup>1</sup> KTLGAGAF	4	>KIT-G596D- <sup>1</sup> KTLDAGAF	5	1
>KIT-G596D- <sup>1</sup> KTLGAGAFGk	78	>KIT-G596D- <sup>1</sup> KTLDAGAFGk	69	9
>KIT-G596D- <sup>1</sup> KTLGAGAF	345	>KIT-G596D- <sup>1</sup> KTLDAGAF	817	472
>KIT-G596D- <sup>1</sup> KTLGAGAF	78	>KIT-G596D- <sup>1</sup> KTLDAGAF	118	40
>KIT-G596D- <sup>1</sup> KTLGAGAF	227	>KIT-G596D- <sup>1</sup> KTLDAGAF	248	21
>KIT-G596D- <sup>1</sup> KTLGAGAFGk	181	>KIT-G596D- <sup>1</sup> KTLDAGAFGk	203	22
>KIT-G596D- <sup>1</sup> KTLGAGAFGk	565	>KIT-G596D- <sup>1</sup> KTLDAGAFGk	420	145
>KIT-G596D- <sup>1</sup> GKTLGAGAF	333	>KIT-G596D- <sup>1</sup> GKTLDAGAF	353	20
>KIT-G596D- <sup>1</sup> FGKTLGAGAF	241	>KIT-G596D- <sup>1</sup> FGKTLDAGAF	482	241
>KIT-G596D- <sup>1</sup> FGKTLGAGAF	353	>KIT-G596D- <sup>1</sup> FGKTLDAGAF	1081	728
>KIT-G596D- <sup>1</sup> FGKTLGAGAF	408	>KIT-G596D- <sup>1</sup> FGKTLDAGAF	949	541
>KIT-G596D- <sup>1</sup> SFGKTLGAGA	17	>KIT-G596D- <sup>1</sup> SFGKTLDAGA	17	0
>KIT-G596D- <sup>1</sup> LSFGKTLGA	411	>KIT-G596D- <sup>1</sup> LSFGKTLDA	2396	1985
>KIT-G596D- <sup>1</sup> LSFGKTLGAG	459	>KIT-G596D- <sup>1</sup> LSFGKTLDAG	866	407
>KIT-G596D- <sup>1</sup> RLSFGKTLGA	167	>KIT-G596D- <sup>1</sup> RLSFGKTLDA	575	408
>KIT-G596D- <sup>1</sup> RLSFGKTLGA	123	>KIT-G596D- <sup>1</sup> RLSFGKTLDA	396	273
>KIT-G596D- <sup>1</sup> RLSFGKTLGA	339	>KIT-G596D- <sup>1</sup> RLSFGKTLDA	2907	2568
>KIT-G596D- <sup>1</sup> RLSFGKTLGA	496	>KIT-G596D- <sup>1</sup> RLSFGKTLDA	1423	927
>KIT-G596D- <sup>1</sup> RLSFGKTLGA	36	>KIT-G596D- <sup>1</sup> RLSFGKTLDA	115	79
>KIT-G658E- <sup>1</sup> GACTIGGPTL <sup>1</sup>	6879	>KIT-G658E- <sup>1</sup> rEACTIGGPTL <sup>1</sup>	32	6847
>KIT-G658E- <sup>1</sup> GACTIGGPTL <sup>1</sup>	15786	>KIT-G658E- <sup>1</sup> rEACTIGGPTL <sup>1</sup>	449	15337
>KIT-G658E- <sup>1</sup> LGACTIGGPT	21262	>KIT-G658E- <sup>1</sup> rLEACTIGGPTI	127	21135
>KIT-G658E- <sup>1</sup> LGACTIGGPT	21229	>KIT-G658E- <sup>1</sup> rLEACTIGGPTI	18	21211
>KIT-G658E- <sup>1</sup> LGACTIGGPT	30414	>KIT-G658E- <sup>1</sup> rLEACTIGGPTI	68	30346
>KIT-G658E- <sup>1</sup> LLGACTIGGP <sup>1</sup>	408	>KIT-G658E- <sup>1</sup> rLLEACTIGGP <sup>1</sup>	1089	681
>KIT-G658E- <sup>1</sup> NLLGACTI	240	>KIT-G658E- <sup>1</sup> rNLLEACTI	81	159
>KIT-G658E- <sup>1</sup> NLLGACTI	343	>KIT-G658E- <sup>1</sup> rNLLEACTI	244	99
>KIT-G658E- <sup>1</sup> NLLGACTI	262	>KIT-G658E- <sup>1</sup> rNLLEACTI	123	139
>KIT-G658E- <sup>1</sup> NLLGACTI	160	>KIT-G658E- <sup>1</sup> rNLLEACTI	42	118
>KIT-G658E- <sup>1</sup> NLLGACTI	19	>KIT-G658E- <sup>1</sup> rNLLEACTI	10	9
>KIT-G658E- <sup>1</sup> NLLGACTI	35	>KIT-G658E- <sup>1</sup> rNLLEACTI	11	24
>KIT-G658E- <sup>1</sup> NLLGACTI	30	>KIT-G658E- <sup>1</sup> rNLLEACTI	20	10
>KIT-G658E- <sup>1</sup> NLLGACTI	16	>KIT-G658E- <sup>1</sup> rNLLEACTI	9	7
>KIT-G658E- <sup>1</sup> NLLGACTI	15	>KIT-G658E- <sup>1</sup> rNLLEACTI	21	6
>KIT-G658E- <sup>1</sup> NLLGACTI	305	>KIT-G658E- <sup>1</sup> rNLLEACTI	72	233
>KIT-G658E- <sup>1</sup> VNLLGACTI	473	>KIT-G658E- <sup>1</sup> rVNLLGACTI	562	89

>KIT-G658E-\ VNLLGACTI	677	>KIT-G658E-r VNLLEACTI	180	497
>KIT-G658E-\ IVNLLGACTI	387	>KIT-G658E-r IVNLLLEACTI	439	52
>KIT-G658E-\ IVNLLGACTI	356	>KIT-G658E-r IVNLLLEACTI	249	107
>KIT-G658E-\ NIVNLLGA	188	>KIT-G658E-r NIVNLLLEA	332	144
>KIT-G658E-\ NIVNLLGACT	305	>KIT-G658E-r NIVNLLLEACTI	510	205
>KIT-G658E-\ NIVNLLGA	135	>KIT-G658E-r NIVNLLLEA	138	3
>KIT-G658E-\ NIVNLLGACT	224	>KIT-G658E-r NIVNLLLEACTI	189	35
>KIT-G658E-\ NIVNLLGACT	347	>KIT-G658E-r NIVNLLLEACTI	465	118
>KIT-G658E-\ HMNIVNLLG,	450	>KIT-G658E-r HMNIVNLLLE/	524	74
>KIT-G658E-\ HMNIVNLLG,	160	>KIT-G658E-r HMNIVNLLLE/	226	66
>KIT-G658E-\ HMNIVNLLG,	74	>KIT-G658E-r HMNIVNLLLE/	78	4
>KIT-G658E-\ HMNIVNLLG,	346	>KIT-G658E-r HMNIVNLLLE/	152	194
>KIT-G658E-\ HMNIVNLLG,	469	>KIT-G658E-r HMNIVNLLLE/	715	246
>KIT-G658E-\ HMNIVNLLG,	270	>KIT-G658E-r HMNIVNLLLE/	285	15
>KIT-G658E-\ HMNIVNLLG,	158	>KIT-G658E-r HMNIVNLLLE/	111	47
>KIT-G664R-\ GPTLVITEY	60	>KIT-G664R-r RPTLVITEY	31	29
>KIT-G664R-\ GPTLVITEY	310	>KIT-G664R-r RPTLVITEY	662	352
>KIT-G664R-\ GPTLVITEY	31	>KIT-G664R-r RPTLVITEY	13	18
>KIT-G664R-\ GGPTLVIT	486	>KIT-G664R-r GRPTLVIT	18320	17834
>KIT-G664R-\ GGPTLVITE	242	>KIT-G664R-r GRPTLVITE	15846	15604
>KIT-G664R-\ GGPTLVITEY	303	>KIT-G664R-r GRPTLVITEY	13545	13242
>KIT-G664R-\ GGPTLVITEY	25918	>KIT-G664R-r GRPTLVITEY	127	25791
>KIT-G664R-\ IGGPTLVI	14269	>KIT-G664R-r IGRPTLVI	174	14095
>KIT-G664R-\ IGGPTLVITEY	475	>KIT-G664R-r IGRPTLVITEY	539	64
>KIT-G664R-\ IGGPTLVITEY	1109	>KIT-G664R-r IGRPTLVITEY	346	763
>KIT-G664R-\ IGGPTLVITEY	2476	>KIT-G664R-r IGRPTLVITEY	242	2234
>KIT-G664R-\ IGGPTLVITEY	818	>KIT-G664R-r IGRPTLVITEY	30	788
>KIT-G664R-\ IGGPTLVITEY	582	>KIT-G664R-r IGRPTLVITEY	48	534
>KIT-G664R-\ IGGPTLVI	225	>KIT-G664R-r IGRPTLVI	335	110
>KIT-G664R-\ TIGGPTLV	242	>KIT-G664R-r TIGRPTLV	457	215
>KIT-G664R-\ TIGGPTLV	77	>KIT-G664R-r TIGRPTLV	307	230
>KIT-G664R-\ TIGGPTLV	189	>KIT-G664R-r TIGRPTLV	831	642
>KIT-G664R-\ TIGGPTLV	14	>KIT-G664R-r TIGRPTLV	46	32
>KIT-G664R-\ TIGGPTLVI	333	>KIT-G664R-r TIGRPTLVI	777	444
>KIT-G664R-\ TIGGPTLV	153	>KIT-G664R-r TIGRPTLV	399	246
>KIT-G664R-\ TIGGPTLV	186	>KIT-G664R-r TIGRPTLV	307	121
>KIT-G664R-\ CTIGGPTLV	88	>KIT-G664R-r CTIGRPTLV	108	20
>KIT-G664R-\ CTIGGPTLV	365	>KIT-G664R-r CTIGRPTLV	802	437
>KIT-G664R-\ CTIGGPTL	73	>KIT-G664R-r CTIGRPTL	195	122
>KIT-G664R-\ CTIGGPTLV	15	>KIT-G664R-r CTIGRPTLV	30	15
>KIT-G664R-\ CTIGGPTLVI	248	>KIT-G664R-r CTIGRPTLVI	614	366
>KIT-G664R-\ CTIGGPTL	18	>KIT-G664R-r CTIGRPTL	34	16
>KIT-G664R-\ CTIGGPTLVI	170	>KIT-G664R-r CTIGRPTLVI	317	147

>KIT-G664R-\ CTIGGPTLVI	205	>KIT-G664R-i CTIGRPTLVI	503	298
>KIT-G664R-\ CTIGGPTLVI	873	>KIT-G664R-i CTIGRPTLVI	434	439
>KIT-G664R-\ CTIGGPTL	68	>KIT-G664R-i CTIGRPTL	93	25
>KIT-G664R-\ CTIGGPTLVI	40	>KIT-G664R-i CTIGRPTLVI	34	6
>KIT-G664R-\ ACTIGGPTLV	375	>KIT-G664R-i ACTIGRPTLV	431	56
>KIT-G664R-\ LGACTIGG	40610	>KIT-G664R-i LGACTIGR	469	40141
>KIT-G664R-\ LGACTIGG	36044	>KIT-G664R-i LGACTIGR	346	35698
>KIT-G664R-\ LLGACTIGGP	408	>KIT-G664R-i LLGACTIGRP	555	147
>KIT-G664R-\ LLGACTIGG	17722	>KIT-G664R-i LLGACTIGR	47	17675
>KIT-G664R-\ NLLGACTIGG	19184	>KIT-G664R-i NLLGACTIGR	297	18887
>KIT-G664R-\ NLLGACTIGG	24552	>KIT-G664R-i NLLGACTIGR	98	24454
>KIT-G664R-\ NLLGACTIGG	24667	>KIT-G664R-i NLLGACTIGR	250	24417
>KIT-G664R-\ NLLGACTIGG	35279	>KIT-G664R-i NLLGACTIGR	184	35095
>KIT-G664R-\ NLLGACTIGG	28636	>KIT-G664R-i NLLGACTIGR	108	28528
>KIT-G961S-\ GSTASSSQPL	1418	>KIT-G961S-r SSTASSSQPL	223	1195
>KIT-G961S-\ GSTASSSQPL	507	>KIT-G961S-r SSTASSSQPL	170	337
>KIT-G961S-\ GSTASSSQPL	7	>KIT-G961S-r SSTASSSQPL	6	1
>KIT-G961S-\ GSTASSSQPL	28	>KIT-G961S-r SSTASSSQPLL	19	9
>KIT-G961S-\ GSTASSSQPL	866	>KIT-G961S-r SSTASSSQPLL	499	367
>KIT-G961S-\ GSTASSSQPL	198	>KIT-G961S-r SSTASSSQPL	47	151
>KIT-G961S-\ GSTASSSQPL	37	>KIT-G961S-r SSTASSSQPLL	13	24
>KIT-G961S-\ GSTASSSQPL	464	>KIT-G961S-r SSTASSSQPL	154	310
>KIT-G961S-\ GSTASSSQPL	67	>KIT-G961S-r SSTASSSQPLL	69	2
>KIT-G961S-\ GSTASSSQPL	227	>KIT-G961S-r SSTASSSQPL	147	80
>KIT-G961S-\ GSTASSSQPL	1337	>KIT-G961S-r SSTASSSQPLL	234	1103
>KIT-G961S-\ VGSTASSSQP	1444	>KIT-G961S-r VSSTASSSQPL	82	1362
>KIT-G961S-\ VGSTASSSQP	2290	>KIT-G961S-r VSSTASSSQPL	7	2283
>KIT-G961S-\ VGSTASSSQP	8458	>KIT-G961S-r VSSTASSSQPL	175	8283
>KIT-G961S-\ VGSTASSSQ	4084	>KIT-G961S-r VSSTASSSQ	288	3796
>KIT-G961S-\ SVGSTASSS	772	>KIT-G961S-r SVSSTASSS	188	584
>KIT-G961S-\ RINSVGST	572	>KIT-G961S-r RINSVSST	197	375
>KIT-G961S-\ RINSVGSTA	44	>KIT-G961S-r RINSVSSTA	20	24
>KIT-G961S-\ RINSVGSTA	247	>KIT-G961S-r RINSVSSTA	214	33
>KIT-G961S-\ RINSVGSTA	719	>KIT-G961S-r RINSVSSTA	169	550
>KIT-G961S-\ RINSVGSTA	322	>KIT-G961S-r RINSVSSTA	376	54
>KIT-G961S-\ VRINSVGST	3771	>KIT-G961S-r VRINSVSST	321	3450
>KIT-G961S-\ VRINSVGSTA	391	>KIT-G961S-r VRINSVSSTA	159	232
>KIT-G961S-\ VRINSVGSTA	1317	>KIT-G961S-r VRINSVSSTA	341	976
>KIT-G961S-\ VRINSVGSTA	493	>KIT-G961S-r VRINSVSSTA	981	488
>KIT-G961S-\ SVRINSVG	124	>KIT-G961S-r SVRINSVS	116	8
>KIT-G961S-\ SVRINSVGS	87	>KIT-G961S-r SVRINSVSS	21	66
>KIT-G961S-\ SVRINSVGST	115	>KIT-G961S-r SVRINSVSST	68	47
>KIT-G961S-\ SVRINSVGST	12	>KIT-G961S-r SVRINSVSSTA	7	5

>KIT-G961S-\ HSVRINSVG	966	>KIT-G961S-r HSVRINSVS	448	518
>KIT-H580Y-\ HKWEFPRNR	6299	>KIT-H580Y-r YKWEFPRNR	403	5896
>KIT-H580Y-\ HKWEFPRNR	220	>KIT-H580Y-r YKWEFPRNR	51	169
>KIT-H580Y-\ HKWEFPRNR	59	>KIT-H580Y-r YKWEFPRNR	15	44
>KIT-H580Y-\ HKWEFPRNR	238	>KIT-H580Y-r YKWEFPRNR	2206	1968
>KIT-H580Y-\ HKWEFPRNR	33	>KIT-H580Y-r YKWEFPRNR	95	62
>KIT-H580Y-\ DHKWEFPR	4621	>KIT-H580Y-r DYKWEFPR	66	4555
>KIT-H580Y-\ DHKWEFPRN	2518	>KIT-H580Y-r DYKWEFPRN	254	2264
>KIT-H580Y-\ DHKWEFPR	218	>KIT-H580Y-r DYKWEFPR	6	212
>KIT-H580Y-\ DHKWEFPR	951	>KIT-H580Y-r DYKWEFPR	169	782
>KIT-H580Y-\ DHKWEFPR	346	>KIT-H580Y-r DYKWEFPR	18	328
>KIT-H580Y-\ DHKWEFPRN	1244	>KIT-H580Y-r DYKWEFPRN	49	1195
>KIT-H580Y-\ YIDPTQLPYDI	5583	>KIT-H580Y-r YIDPTQLPYD`	18	5565
>KIT-H580Y-\ YIDPTQLPYDI	1438	>KIT-H580Y-r YIDPTQLPYD`	23	1415
>KIT-H580Y-\ YIDPTQLPYDI	8876	>KIT-H580Y-r YIDPTQLPYD`	15	8861
>KIT-H580Y-\ YIDPTQLPYDI	4967	>KIT-H580Y-r YIDPTQLPYD`	317	4650
>KIT-H580Y-\ YIDPTQLPYDI	3241	>KIT-H580Y-r YIDPTQLPYD`	33	3208
>KIT-H580Y-\ YDHKWEFPR	741	>KIT-H580Y-r YDYKWEFPR	221	520
>KIT-H580Y-\ YDHKWEFPR	183	>KIT-H580Y-r YDYKWEFPR	92	91
>KIT-H580Y-\ YDHKWEFPR	658	>KIT-H580Y-r YDYKWEFPRI	301	357
>KIT-H580Y-\ PYDHKWEF	147	>KIT-H580Y-r PYDYKWEF	114	33
>KIT-H580Y-\ PYDHKWEF	444	>KIT-H580Y-r PYDYKWEF	430	14
>KIT-H580Y-\ PYDHKWEF	61	>KIT-H580Y-r PYDYKWEF	85	24
>KIT-H580Y-\ PYDHKWEFPI	67	>KIT-H580Y-r PYDYKWEFFI	86	19
>KIT-H580Y-\ LPYDHKWEFI	169	>KIT-H580Y-r LPYDYKWEFF	136	33
>KIT-H580Y-\ LPYDHKWEFI	170	>KIT-H580Y-r LPYDYKWEFF	102	68
>KIT-H580Y-\ LPYDHKWEFI	359	>KIT-H580Y-r LPYDYKWEFF	241	118
>KIT-H580Y-\ LPYDHKWEF	175	>KIT-H580Y-r LPYDYKWEF	433	258
>KIT-H580Y-\ LPYDHKWEF	272	>KIT-H580Y-r LPYDYKWEF	174	98
>KIT-H580Y-\ LPYDHKWEF	162	>KIT-H580Y-r LPYDYKWEF	117	45
>KIT-H580Y-\ LPYDHKWEF	11	>KIT-H580Y-r LPYDYKWEF	12	1
>KIT-H580Y-\ LPYDHKWEFI	212	>KIT-H580Y-r LPYDYKWEFF	234	22
>KIT-H580Y-\ LPYDHKWEF	471	>KIT-H580Y-r LPYDYKWEF	382	89
>KIT-H580Y-\ LPYDHKWEF	18	>KIT-H580Y-r LPYDYKWEF	13	5
>KIT-H580Y-\ LPYDHKWEFI	124	>KIT-H580Y-r LPYDYKWEFF	95	29
>KIT-H580Y-\ LPYDHKWEF	67	>KIT-H580Y-r LPYDYKWEF	51	16
>KIT-H580Y-\ LPYDHKWEF	11	>KIT-H580Y-r LPYDYKWEF	12	1
>KIT-H580Y-\ LPYDHKWEFI	96	>KIT-H580Y-r LPYDYKWEFF	90	6
>KIT-H580Y-\ QLPYDHWKE	446	>KIT-H580Y-r QLPYDYKWEI	182	264
>KIT-H580Y-\ TQLPYDHWK	34	>KIT-H580Y-r TQLPYDYKWI	26	8
>KIT-H580Y-\ TQLPYDHWK	118	>KIT-H580Y-r TQLPYDYK	23	95
>KIT-H580Y-\ TQLPYDHWK	67	>KIT-H580Y-r TQLPYDYKWI	56	11
>KIT-H580Y-\ TQLPYDHWK	176	>KIT-H580Y-r TQLPYDYKWI	182	6

>KIT-H580Y-\ TQLPYDHK	969	>KIT-H580Y-r TQLPYDYK	208	761
>KIT-H580Y-\ TQLPYDHW	23	>KIT-H580Y-r TQLPYDYKW	18	5
>KIT-H580Y-\ TQLPYDHW	306	>KIT-H580Y-r TQLPYDYKW	714	408
>KIT-H580Y-\ TQLPYDHW	199	>KIT-H580Y-r TQLPYDYKW	182	17
>KIT-H580Y-\ TQLPYDHW	186	>KIT-H580Y-r TQLPYDYKW	207	21
>KIT-H580Y-\ TQLPYDHW	129	>KIT-H580Y-r TQLPYDYKW	229	100
>KIT-H580Y-\ TQLPYDHW	123	>KIT-H580Y-r TQLPYDYKW	218	95
>KIT-H580Y-\ TQLPYDHW	526	>KIT-H580Y-r TQLPYDYKW	126	400
>KIT-H580Y-\ PTQLPYDHK	1617	>KIT-H580Y-r PTQLPYDYK	131	1486
>KIT-H580Y-\ PTQLPYDH	10776	>KIT-H580Y-r PTQLPYDY	157	10619
>KIT-H580Y-\ PTQLPYDHW	396	>KIT-H580Y-r PTQLPYDYKV	644	248
>KIT-H580Y-\ DPTQLPYDH	289	>KIT-H580Y-r DPTQLPYDY	26	263
>KIT-H580Y-\ DPTQLPYDH	13305	>KIT-H580Y-r DPTQLPYDY	191	13114
>KIT-H580Y-\ DPTQLPYDH	46	>KIT-H580Y-r DPTQLPYDYK	27	19
>KIT-H580Y-\ DPTQLPYDH	24	>KIT-H580Y-r DPTQLPYDYK	31	7
>KIT-H697Y-\ HAEAAALYKNL	1728	>KIT-H697Y-r YAEAAALYKNL	236	1492
>KIT-H697Y-\ HAEAAALYK	243	>KIT-H697Y-r YAEAAALYK	188	55
>KIT-H697Y-\ HAEAAALYK	56	>KIT-H697Y-r YAEAAALYK	1331	1275
>KIT-H697Y-\ HAEAAALYK	97	>KIT-H697Y-r YAEAAALYK	63	34
>KIT-H697Y-\ HAEAAALYKNL	881	>KIT-H697Y-r YAEAAALYKNL	336	545
>KIT-H697Y-\ HAEAAALYKNL	3579	>KIT-H697Y-r YAEAAALYKNL	389	3190
>KIT-H697Y-\ HAEAAALYKNL	1288	>KIT-H697Y-r YAEAAALYKNL	99	1189
>KIT-H697Y-\ DHAEAAALYKN	22803	>KIT-H697Y-r DYAEAAALYKN	213	22590
>KIT-H697Y-\ DHAEAAALY	416	>KIT-H697Y-r DYAEAAALY	36	380
>KIT-H697Y-\ DHAEAAALY	1585	>KIT-H697Y-r DYAEAAALY	445	1140
>KIT-H697Y-\ DHAEAAALYK	526	>KIT-H697Y-r DYAEAAALYK	72	454
>KIT-H697Y-\ DHAEAAALY	1261	>KIT-H697Y-r DYAEAAALY	195	1066
>KIT-H697Y-\ DHAEAAALYK	7901	>KIT-H697Y-r DYAEAAALYK	299	7602
>KIT-H697Y-\ DSFICKQED	17368	>KIT-H697Y-r DSFICKQED	354	17014
>KIT-H697Y-\ DSFICKQED	11022	>KIT-H697Y-r DSFICKQED	269	10753
>KIT-H697Y-\ QEDHAEAA	380	>KIT-H697Y-r QEDYAEAA	146	234
>KIT-H697Y-\ QEDHAEAA	540	>KIT-H697Y-r QEDYAEAA	289	251
>KIT-H697Y-\ QEDHAEAA	384	>KIT-H697Y-r QEDYAEAA	576	192
>KIT-H697Y-\ QEDHAEAA	19	>KIT-H697Y-r QEDYAEAA	14	5
>KIT-H697Y-\ QEDHAEAA	49	>KIT-H697Y-r QEDYAEAA	41	8
>KIT-H697Y-\ QEDHAEAA	121	>KIT-H697Y-r QEDYAEAA	86	35
>KIT-H697Y-\ QEDHAEAA	129	>KIT-H697Y-r QEDYAEAA	70	59
>KIT-H697Y-\ QEDHAEAA	1425	>KIT-H697Y-r QEDYAEAA	460	965
>KIT-H697Y-\ KQEDHAEAA	99	>KIT-H697Y-r KQEDYAEAA	39	60
>KIT-H697Y-\ KQEDHAEAA	49	>KIT-H697Y-r KQEDYAEAA	26	23
>KIT-H697Y-\ KQEDHAEAA	260	>KIT-H697Y-r KQEDYAEAA	142	118
>KIT-H697Y-\ KQEDHAEAA	334	>KIT-H697Y-r KQEDYAEAA	371	37
>KIT-H697Y-\ KQEDHAEAA	497	>KIT-H697Y-r KQEDYAEAA	354	143

>KIT-H697Y-\ KQEDHAEAA	418	>KIT-H697Y-r KQEDYAEAAI	265	153
>KIT-H697Y-\ KQEDHAEAA	121	>KIT-H697Y-r KQEDYAEAAI	75	46
>KIT-H697Y-\ KQEDHAEAA	245	>KIT-H697Y-r KQEDYAEAAI	230	15
>KIT-H697Y-\ SKQEDHAEA/	168	>KIT-H697Y-r SKQEDYAEAA/	141	27
>KIT-H697Y-\ SKQEDHAEA/	160	>KIT-H697Y-r SKQEDYAEAA/	183	23
>KIT-H697Y-\ FICSKQEDHA	1374	>KIT-H697Y-r FICSKQEDYA	172	1202
>KIT-H697Y-\ FICSKQEDHA	2628	>KIT-H697Y-r FICSKQEDYA	312	2316
>KIT-H697Y-\ FICSKQEDH	20234	>KIT-H697Y-r FICSKQEDY	441	19793
>KIT-H697Y-\ FICSKQEDH	8997	>KIT-H697Y-r FICSKQEDY	55	8942
>KIT-H697Y-\ FICSKQEDH	17898	>KIT-H697Y-r FICSKQEDY	497	17401
>KIT-H697Y-\ SFICSKQEDH	23133	>KIT-H697Y-r SFICSKQEDY	322	22811
>KIT-H697Y-\ SFICSKQEDH	14054	>KIT-H697Y-r SFICSKQEDY	234	13820
>KIT-H802Y-\ HGRITKICDF	1297	>KIT-H802Y-r YGRITKICDF	283	1014
>KIT-H802Y-\ HGRITKICDF	595	>KIT-H802Y-r YGRITKICDF	217	378
>KIT-H802Y-\ THGRITKI	8178	>KIT-H802Y-r TYGRITKI	53	8125
>KIT-H802Y-\ THGRITKI	9596	>KIT-H802Y-r TYGRITKI	156	9440
>KIT-H802Y-\ THGRITKICDF	4348	>KIT-H802Y-r TYGRITKICDF	62	4286
>KIT-H802Y-\ THGRITKI	7193	>KIT-H802Y-r TYGRITKI	133	7060
>KIT-H802Y-\ THGRITKICDF	4413	>KIT-H802Y-r TYGRITKICDF	104	4309
>KIT-H802Y-\ THGRITKI	15094	>KIT-H802Y-r TYGRITKI	15	15079
>KIT-H802Y-\ THGRITKICDF	5435	>KIT-H802Y-r TYGRITKICDF	7	5428
>KIT-H802Y-\ DLAARNILLT\	10986	>KIT-H802Y-r DLAARNILLT\	352	10634
>KIT-H802Y-\ DLAARNILLT\	7440	>KIT-H802Y-r DLAARNILLT\	63	7377
>KIT-H802Y-\ DLAARNILLT\	15265	>KIT-H802Y-r DLAARNILLT\	107	15158
>KIT-H802Y-\ DLAARNILLT\	8738	>KIT-H802Y-r DLAARNILLT\	207	8531
>KIT-H802Y-\ DLAARNILLT\	17020	>KIT-H802Y-r DLAARNILLT\	228	16792
>KIT-H802Y-\ LTHGRITKI	4219	>KIT-H802Y-r LTYGRITKI	417	3802
>KIT-H802Y-\ LTHGRITKI	2562	>KIT-H802Y-r LTYGRITKI	380	2182
>KIT-H802Y-\ LTHGRITKI	318	>KIT-H802Y-r LTYGRITKI	48	270
>KIT-H802Y-\ LTHGRITKI	3117	>KIT-H802Y-r LTYGRITKI	283	2834
>KIT-H802Y-\ LTHGRITKI	957	>KIT-H802Y-r LTYGRITKI	81	876
>KIT-H802Y-\ LTHGRITKI	1897	>KIT-H802Y-r LTYGRITKI	209	1688
>KIT-H802Y-\ LTHGRITK	119	>KIT-H802Y-r LTYGRITK	34	85
>KIT-H802Y-\ LTHGRITK	68	>KIT-H802Y-r LTYGRITK	16	52
>KIT-H802Y-\ LTHGRITK	8	>KIT-H802Y-r LTYGRITK	40	32
>KIT-H802Y-\ LTHGRITK	438	>KIT-H802Y-r LTYGRITK	165	273
>KIT-H802Y-\ LTHGRITKI	821	>KIT-H802Y-r LTYGRITKI	149	672
>KIT-H802Y-\ LTHGRITK	98	>KIT-H802Y-r LTYGRITK	20	78
>KIT-H802Y-\ LTHGRITKI	617	>KIT-H802Y-r LTYGRITKI	355	262
>KIT-H802Y-\ LTHGRITKI	27	>KIT-H802Y-r LTYGRITKI	10	17
>KIT-H802Y-\ LTHGRITKI	441	>KIT-H802Y-r LTYGRITKI	95	346
>KIT-H802Y-\ LTHGRITKI	27	>KIT-H802Y-r LTYGRITKI	14	13
>KIT-H802Y-\ LLTHGRITKI	424	>KIT-H802Y-r LLTYGRITKI	161	263

>KIT-H802Y-\ LLTHGRITKI	174	>KIT-H802Y-r LLLTYGRITKI	111	63
>KIT-H802Y-\ LLTHGRITKI	184	>KIT-H802Y-r LLLTYGRITKI	390	206
>KIT-H802Y-\ LLTHGRITKI	176	>KIT-H802Y-r LLLTYGRITKI	349	173
>KIT-H802Y-\ LLTHGRITKI	6	>KIT-H802Y-r LLLTYGRITKI	10	4
>KIT-H802Y-\ LLTHGRITKIC	190	>KIT-H802Y-r LLLTYGRITKIC	484	294
>KIT-H802Y-\ LLTHGRITK	78	>KIT-H802Y-r LLLTYGRITK	124	46
>KIT-H802Y-\ LLTHGRITK	350	>KIT-H802Y-r LLLTYGRITK	447	97
>KIT-H802Y-\ LLTHGRITK	1140	>KIT-H802Y-r LLLTYGRITK	359	781
>KIT-H802Y-\ ILLTHGRI	269	>KIT-H802Y-r ILLTYGRI	40	229
>KIT-H802Y-\ ILLTHGRI	943	>KIT-H802Y-r ILLTYGRI	222	721
>KIT-H802Y-\ ILLTHGRITKI	225	>KIT-H802Y-r ILLTYGRITKI	99	126
>KIT-H802Y-\ ILLTHGRITKI	269	>KIT-H802Y-r ILLTYGRITKI	185	84
>KIT-H802Y-\ ILLTHGRI	165	>KIT-H802Y-r ILLTYGRI	149	16
>KIT-H802Y-\ ILLTHGRITKI	43	>KIT-H802Y-r ILLTYGRITKI	63	20
>KIT-H802Y-\ ILLTHGRITKI	425	>KIT-H802Y-r ILLTYGRITKI	288	137
>KIT-H802Y-\ ILLTHGRI	14	>KIT-H802Y-r ILLTYGRI	9	5
>KIT-H802Y-\ ILLTHGRITKI	16	>KIT-H802Y-r ILLTYGRITKI	9	7
>KIT-H802Y-\ ILLTHGRI	365	>KIT-H802Y-r ILLTYGRI	157	208
>KIT-H802Y-\ ILLTHGRITKI	164	>KIT-H802Y-r ILLTYGRITKI	107	57
>KIT-H802Y-\ ILLTHGRI	545	>KIT-H802Y-r ILLTYGRI	204	341
>KIT-H802Y-\ ILLTHGRITKI	160	>KIT-H802Y-r ILLTYGRITKI	88	72
>KIT-H802Y-\ ILLTHGRI	1157	>KIT-H802Y-r ILLTYGRI	315	842
>KIT-H802Y-\ ILLTHGRITKI	262	>KIT-H802Y-r ILLTYGRITKI	118	144
>KIT-H802Y-\ ILLTHGRI	61	>KIT-H802Y-r ILLTYGRI	35	26
>KIT-H802Y-\ ILLTHGRITKI	39	>KIT-H802Y-r ILLTYGRITKI	24	15
>KIT-H802Y-\ ILLTHGRITK	18	>KIT-H802Y-r ILLTYGRITK	19	1
>KIT-H802Y-\ ILLTHGRITK	91	>KIT-H802Y-r ILLTYGRITK	79	12
>KIT-H802Y-\ ILLTHGRITK	209	>KIT-H802Y-r ILLTYGRITK	234	25
>KIT-H802Y-\ NILLTHGRITK	430	>KIT-H802Y-r NILLTYGRITK	304	126
>KIT-H802Y-\ NILLTHGR	589	>KIT-H802Y-r NILLTYGR	360	229
>KIT-H802Y-\ NILLTHGR	121	>KIT-H802Y-r NILLTYGR	72	49
>KIT-H802Y-\ NILLTHGR	85	>KIT-H802Y-r NILLTYGR	93	8
>KIT-H802Y-\ NILLTHGRI	692	>KIT-H802Y-r NILLTYGRI	396	296
>KIT-H802Y-\ NILLTHGR	71	>KIT-H802Y-r NILLTYGR	47	24
>KIT-H802Y-\ RNILLTHGR	118	>KIT-H802Y-r RNILLTYGR	48	70
>KIT-H802Y-\ RNILLTHGR	37	>KIT-H802Y-r RNILLTYGR	20	17
>KIT-H802Y-\ ARNILLTH	21234	>KIT-H802Y-r ARNILLTY	473	20761
>KIT-H802Y-\ ARNILLTHGR	255	>KIT-H802Y-r ARNILLTYGR	128	127
>KIT-H802Y-\ ARNILLTH	4195	>KIT-H802Y-r ARNILLTY	204	3991
>KIT-H802Y-\ ARNILLTH	274	>KIT-H802Y-r ARNILLTY	146	128
>KIT-H802Y-\ ARNILLTHGR	99	>KIT-H802Y-r ARNILLTYGR	99	0
>KIT-H802Y-\ ARNILLTHGR	227	>KIT-H802Y-r ARNILLTYGRI	173	54
>KIT-H802Y-\ ARNILLTH	2217	>KIT-H802Y-r ARNILLTY	491	1726



>KIT-H802Y-\ARNILLTHGR	323	>KIT-H802Y-r ARNILLTYGRI	240	83
>KIT-H802Y-\AARNILLTH	14631	>KIT-H802Y-r AARNILLTY	117	14514
>KIT-H802Y-\AARNILLTH	383	>KIT-H802Y-r AARNILLTY	41	342
>KIT-H802Y-\AARNILLTHG	347	>KIT-H802Y-r AARNILLTYG	169	178
>KIT-H802Y-\AARNILLTHG	127	>KIT-H802Y-r AARNILLTYGI	155	28
>KIT-H802Y-\AARNILLTH	14029	>KIT-H802Y-r AARNILLTY	164	13865
>KIT-H802Y-\AARNILLTHG	32	>KIT-H802Y-r AARNILLTYGI	23	9
>KIT-H802Y-\AARNILLTH	17574	>KIT-H802Y-r AARNILLTY	83	17491
>KIT-H802Y-\AARNILLTH	7801	>KIT-H802Y-r AARNILLTY	121	7680
>KIT-H802Y-\AARNILLTH	5421	>KIT-H802Y-r AARNILLTY	75	5346
>KIT-H802Y-\AARNILLTH	1773	>KIT-H802Y-r AARNILLTY	5	1768
>KIT-H802Y-\AARNILLTH	3399	>KIT-H802Y-r AARNILLTY	294	3105
>KIT-H802Y-\AARNILLTH	278	>KIT-H802Y-r AARNILLTY	21	257
>KIT-H802Y-\LAARNILLTH	23149	>KIT-H802Y-r LAARNILLTY	244	22905
>KIT-H802Y-\LAARNILLTH	16068	>KIT-H802Y-r LAARNILLTY	105	15963
>KIT-H802Y-\LAARNILLTH	8001	>KIT-H802Y-r LAARNILLTY	124	7877
>KIT-H802Y-\LAARNILLTH	7013	>KIT-H802Y-r LAARNILLTY	200	6813
>KIT-H802Y-\LAARNILLTH	6021	>KIT-H802Y-r LAARNILLTY	16	6005
>KIT-H802Y-\LAARNILLTH	1610	>KIT-H802Y-r LAARNILLTY	30	1580
>KIT-H802Y-\LAARNILLTH	12596	>KIT-H802Y-r LAARNILLTY	74	12522
>KIT-H802Y-\LAARNILLTH	30031	>KIT-H802Y-r LAARNILLTY	192	29839
>KIT-I538M-\IIVMILTYKYL	187	>KIT-I538M-r MIVMILTYKY	467	280
>KIT-I538M-\IIVMILTYKYL	1256	>KIT-I538M-r MIVMILTYKY	473	783
>KIT-I538M-\IIVMILTYKYL	251	>KIT-I538M-r MIVMILTYKY	74	177
>KIT-I538M-\IIVMILTYKYL	239	>KIT-I538M-r MIVMILTYKY	74	165
>KIT-I538M-\IIVMILTYKYL	193	>KIT-I538M-r MIVMILTYKY	80	113
>KIT-I538M-\IIVMILTYKYL	231	>KIT-I538M-r MIVMILTYKY	94	137
>KIT-I538M-\IIVMILTYKYL	281	>KIT-I538M-r MIVMILTYKY	77	204
>KIT-I538M-\IIVMILTYK	71	>KIT-I538M-r MIVMILTYK	62	9
>KIT-I538M-\IIVMILTYKY	504	>KIT-I538M-r MIVMILTYKY	497	7
>KIT-I538M-\IIVMILTYK	21	>KIT-I538M-r MIVMILTYK	14	7
>KIT-I538M-\IIVMILTYKY	311	>KIT-I538M-r MIVMILTYKY	220	91
>KIT-I538M-\IIVMILTY	4537	>KIT-I538M-r MIVMILTY	401	4136
>KIT-I538M-\IIVMILTYKY	504	>KIT-I538M-r MIVMILTYKY	204	300
>KIT-I538M-\IIVMILTY	195	>KIT-I538M-r MIVMILTY	81	114
>KIT-I538M-\IIVMILTYKY	222	>KIT-I538M-r MIVMILTYKY	94	128
>KIT-I538M-\IIVMILTY	25	>KIT-I538M-r MIVMILTY	13	12
>KIT-I538M-\IIVMILTYKY	73	>KIT-I538M-r MIVMILTYKY	79	6
>KIT-I538M-\IIVMILTYK	1607	>KIT-I538M-r MIVMILTYK	239	1368
>KIT-I538M-\IIVMILTY	131	>KIT-I538M-r MIVMILTY	169	38
>KIT-I538M-\IIVMILTYKY	53	>KIT-I538M-r MIVMILTYKY	59	6
>KIT-I538M-\IIVMILTYK	75	>KIT-I538M-r MIVMILTYK	28	47
>KIT-I538M-\IIVMILTYK	621	>KIT-I538M-r MIVMILTYK	211	410

>KIT-I538M-\ IIVMILTY	1639	>KIT-I538M-r MIVMILTY	168	1471
>KIT-I538M-\ IIVMILTYK	15	>KIT-I538M-r MIVMILTYK	4	11
>KIT-I538M-\ IIVMILTYKY	453	>KIT-I538M-r MIVMILTYKY	82	371
>KIT-I538M-\ IIVMILTYKYL	1760	>KIT-I538M-r MIVMILTYKY	77	1683
>KIT-I538M-\ IIVMILTY	55	>KIT-I538M-r MIVMILTY	45	10
>KIT-I538M-\ IIVMILTYKY	58	>KIT-I538M-r MIVMILTYKY	45	13
>KIT-I538M-\ IIVMILTY	211	>KIT-I538M-r MIVMILTY	117	94
>KIT-I538M-\ IIVMILTY	595	>KIT-I538M-r MIVMILTY	464	131
>KIT-I538M-\ IIVMILTY	69	>KIT-I538M-r MIVMILTY	55	14
>KIT-I538M-\ IIVMILTYKY	326	>KIT-I538M-r MIVMILTYKY	241	85
>KIT-I538M-\ IIVMILTY	396	>KIT-I538M-r MIVMILTY	51	345
>KIT-I538M-\ IIVMILTY	135	>KIT-I538M-r MIVMILTY	59	76
>KIT-I538M-\ IIVMILTYKY	303	>KIT-I538M-r MIVMILTYKY	112	191
>KIT-I538M-\ IIVMILTYK	511	>KIT-I538M-r MIVMILTYK	293	218
>KIT-I538M-\ CIIVMILTYK	33	>KIT-I538M-r CMIVMILTYK	23	10
>KIT-I538M-\ CIIVMILTYK	19	>KIT-I538M-r CMIVMILTYK	21	2
>KIT-I538M-\ CIIVMILTY	98	>KIT-I538M-r CMIVMILTY	904	806
>KIT-I538M-\ CIIVMILTYKY	132	>KIT-I538M-r CMIVMILTYK	1078	946
>KIT-I538M-\ CIIVMILTY	19	>KIT-I538M-r CMIVMILTY	8	11
>KIT-I538M-\ CIIVMILTYKY	14	>KIT-I538M-r CMIVMILTYK	7	7
>KIT-I538M-\ CIIVMILTY	312	>KIT-I538M-r CMIVMILTY	65	247
>KIT-I538M-\ CIIVMILTYKY	91	>KIT-I538M-r CMIVMILTYK	24	67
>KIT-I538M-\ CIIVMILTYK	368	>KIT-I538M-r CMIVMILTYK	271	97
>KIT-I538M-\ CIIVMILTYK	9	>KIT-I538M-r CMIVMILTYK	15	6
>KIT-I538M-\ CIIVMILTY	51	>KIT-I538M-r CMIVMILTY	27	24
>KIT-I538M-\ CIIVMILTYKY	69	>KIT-I538M-r CMIVMILTYK	37	32
>KIT-I538M-\ CIIVMILTY	352	>KIT-I538M-r CMIVMILTY	66	286
>KIT-I538M-\ CIIVMILTYKY	2353	>KIT-I538M-r CMIVMILTYK	306	2047
>KIT-I538M-\ CIIVMILTY	2328	>KIT-I538M-r CMIVMILTY	51	2277
>KIT-I538M-\ CIIVMILTYKY	4900	>KIT-I538M-r CMIVMILTYK	176	4724
>KIT-I538M-\ CIIVMILTY	371	>KIT-I538M-r CMIVMILTY	173	198
>KIT-I538M-\ CIIVMILTY	576	>KIT-I538M-r CMIVMILTY	241	335
>KIT-I538M-\ CIIVMILTY	1068	>KIT-I538M-r CMIVMILTY	301	767
>KIT-I538M-\ CIIVMILTY	155	>KIT-I538M-r CMIVMILTY	945	790
>KIT-I538M-\ CIIVMILTYKY	351	>KIT-I538M-r CMIVMILTYK	2033	1682
>KIT-I538M-\ CIIVMILTY	163	>KIT-I538M-r CMIVMILTY	199	36
>KIT-I538M-\ CIIVMILTYKY	84	>KIT-I538M-r CMIVMILTYK	100	16
>KIT-I538M-\ CIIVMILTYK	907	>KIT-I538M-r CMIVMILTYK	491	416
>KIT-I538M-\ MCIIVMIL	1367	>KIT-I538M-r MCMIVMIL	441	926
>KIT-I538M-\ MCIIVMILTYK	1392	>KIT-I538M-r MCMIVMILT'	218	1174
>KIT-I538M-\ MCIIVMILTYK	595	>KIT-I538M-r MCMIVMILT'	139	456
>KIT-I538M-\ MCIIVMILTY	77	>KIT-I538M-r MCMIVMILT'	60	17
>KIT-I538M-\ MCIIVMILTYK	717	>KIT-I538M-r MCMIVMILT'	230	487

>KIT-I538M-\ MCIIVMILTY	222	>KIT-I538M-r MCMIVMILT	137	85
>KIT-I538M-\ MCIIVMILTYf	255	>KIT-I538M-r MCMIVMILT	156	99
>KIT-I538M-\ MCIIVMILTYf	71	>KIT-I538M-r MCMIVMILT	79	8
>KIT-I538M-\ MCIIVMIL	271	>KIT-I538M-r MCMIVMIL	161	110
>KIT-I538M-\ MCIIVMILTY	35	>KIT-I538M-r MCMIVMILT	34	1
>KIT-I538M-\ MCIIVMILTY	348	>KIT-I538M-r MCMIVMILT	343	5
>KIT-I538M-\ MCIIVMILTY	193	>KIT-I538M-r MCMIVMILT	390	197
>KIT-I538M-\ MMCIIVMI	38	>KIT-I538M-r MMCMIVMI	30	8
>KIT-I538M-\ MMCIIVMIL	58	>KIT-I538M-r MMCMIVMII	39	19
>KIT-I538M-\ MMCIIVMILT	299	>KIT-I538M-r MMCMIVMII	236	63
>KIT-I538M-\ MMCIIVMI	25	>KIT-I538M-r MMCMIVMI	31	6
>KIT-I538M-\ MMCIIVMIL	38	>KIT-I538M-r MMCMIVMII	39	1
>KIT-I538M-\ MMCIIVMILT	308	>KIT-I538M-r MMCMIVMII	230	78
>KIT-I538M-\ MMCIIVMI	32	>KIT-I538M-r MMCMIVMI	20	12
>KIT-I538M-\ MMCIIVMIL	33	>KIT-I538M-r MMCMIVMII	17	16
>KIT-I538M-\ MMCIIVMILT	338	>KIT-I538M-r MMCMIVMII	290	48
>KIT-I538M-\ MMCIIVMI	359	>KIT-I538M-r MMCMIVMI	258	101
>KIT-I538M-\ MMCIIVMILT	500	>KIT-I538M-r MMCMIVMII	489	11
>KIT-I538M-\ MMCIIVMI	4	>KIT-I538M-r MMCMIVMI	4	0
>KIT-I538M-\ MMCIIVMIL	12	>KIT-I538M-r MMCMIVMII	12	0
>KIT-I538M-\ MMCIIVMILT	94	>KIT-I538M-r MMCMIVMII	92	2
>KIT-I538M-\ MMCIIVMI	487	>KIT-I538M-r MMCMIVMI	403	84
>KIT-I538M-\ MMCIIVMIL	390	>KIT-I538M-r MMCMIVMII	284	106
>KIT-I538M-\ MMCIIVMI	79	>KIT-I538M-r MMCMIVMI	91	12
>KIT-I538M-\ MMCIIVMIL	140	>KIT-I538M-r MMCMIVMII	142	2
>KIT-I538M-\ MMCIIVMI	273	>KIT-I538M-r MMCMIVMI	160	113
>KIT-I538M-\ MMCIIVMIL	255	>KIT-I538M-r MMCMIVMII	131	124
>KIT-I538M-\ MMCIIVMI	12	>KIT-I538M-r MMCMIVMI	9	3
>KIT-I538M-\ MMCIIVMIL	7	>KIT-I538M-r MMCMIVMII	6	1
>KIT-I538M-\ MMCIIVMILT	312	>KIT-I538M-r MMCMIVMII	211	101
>KIT-I538M-\ MMCIIVMILT	205	>KIT-I538M-r MMCMIVMII	140	65
>KIT-I538M-\ MMCIIVMILT	198	>KIT-I538M-r MMCMIVMII	93	105
>KIT-I538M-\ MMCIIVMILT	7	>KIT-I538M-r MMCMIVMII	8	1
>KIT-I538M-\ MMCIIVMILT	33	>KIT-I538M-r MMCMIVMII	34	1
>KIT-I538M-\ MMCIIVMI	223	>KIT-I538M-r MMCMIVMI	120	103
>KIT-I538M-\ MMCIIVMIL	705	>KIT-I538M-r MMCMIVMII	328	377
>KIT-I538M-\ MMCIIVMILT	288	>KIT-I538M-r MMCMIVMII	151	137
>KIT-I538M-\ MMCIIVMILT	671	>KIT-I538M-r MMCMIVMII	417	254
>KIT-I538M-\ MMCIIVMILT	11	>KIT-I538M-r MMCMIVMII	10	1
>KIT-I538M-\ MMCIIVMIL	705	>KIT-I538M-r MMCMIVMII	312	393
>KIT-I538M-\ MMCIIVMIL	1022	>KIT-I538M-r MMCMIVMII	466	556
>KIT-I538M-\ MMCIIVMILT	52	>KIT-I538M-r MMCMIVMII	39	13
>KIT-I538M-\ MMCIIVMI	521	>KIT-I538M-r MMCMIVMI	225	296

>KIT-I538M-\ MMCIIVMIL	191	>KIT-I538M-r MMCMIVMII	65	126
>KIT-I538M-\ MMCIIVMILT	35	>KIT-I538M-r MMCMIVMII	18	17
>KIT-I538M-\ MMCIIVMILT	56	>KIT-I538M-r MMCMIVMII	72	16
>KIT-I538M-\ MMCIIVMILT	63	>KIT-I538M-r MMCMIVMII	49	14
>KIT-I538M-\ MMCIIVMIL	214	>KIT-I538M-r MMCMIVMII	120	94
>KIT-I538M-\ MMCIIVMIL	559	>KIT-I538M-r MMCMIVMII	278	281
>KIT-I538M-\ GMMCIIVM	1528	>KIT-I538M-r GMMCMIVM	294	1234
>KIT-I538M-\ GMMCIIVM	22	>KIT-I538M-r GMMCMIVM	28	6
>KIT-I538M-\ GMMCIIVMI	8	>KIT-I538M-r GMMCMIVM	9	1
>KIT-I538M-\ GMMCIIVMII	44	>KIT-I538M-r GMMCMIVM	33	11
>KIT-I538M-\ GMMCIIVMII	33	>KIT-I538M-r GMMCMIVM	37	4
>KIT-I538M-\ GMMCIIVM	43	>KIT-I538M-r GMMCMIVM	106	63
>KIT-I538M-\ GMMCIIVMI	5	>KIT-I538M-r GMMCMIVM	12	7
>KIT-I538M-\ GMMCIIVMII	19	>KIT-I538M-r GMMCMIVM	24	5
>KIT-I538M-\ GMMCIIVMII	42	>KIT-I538M-r GMMCMIVM	124	82
>KIT-I538M-\ GMMCIIVM	96	>KIT-I538M-r GMMCMIVM	114	18
>KIT-I538M-\ GMMCIIVMI	8	>KIT-I538M-r GMMCMIVM	9	1
>KIT-I538M-\ GMMCIIVMII	55	>KIT-I538M-r GMMCMIVM	57	2
>KIT-I538M-\ GMMCIIVMII	74	>KIT-I538M-r GMMCMIVM	87	13
>KIT-I538M-\ GMMCIIVM	272	>KIT-I538M-r GMMCMIVM	334	62
>KIT-I538M-\ GMMCIIVMI	45	>KIT-I538M-r GMMCMIVM	54	9
>KIT-I538M-\ GMMCIIVMII	205	>KIT-I538M-r GMMCMIVM	219	14
>KIT-I538M-\ GMMCIIVMII	471	>KIT-I538M-r GMMCMIVM	536	65
>KIT-I538M-\ GMMCIIVM	21	>KIT-I538M-r GMMCMIVM	66	45
>KIT-I538M-\ GMMCIIVMI	3	>KIT-I538M-r GMMCMIVM	4	1
>KIT-I538M-\ GMMCIIVMII	8	>KIT-I538M-r GMMCMIVM	13	5
>KIT-I538M-\ GMMCIIVMII	48	>KIT-I538M-r GMMCMIVM	92	44
>KIT-I538M-\ GMMCIIVM	11	>KIT-I538M-r GMMCMIVM	15	4
>KIT-I538M-\ GMMCIIVMI	4	>KIT-I538M-r GMMCMIVM	5	1
>KIT-I538M-\ GMMCIIVMII	4	>KIT-I538M-r GMMCMIVM	4	0
>KIT-I538M-\ GMMCIIVMII	113	>KIT-I538M-r GMMCMIVM	161	48
>KIT-I538M-\ GMMCIIVM	303	>KIT-I538M-r GMMCMIVM	802	499
>KIT-I538M-\ GMMCIIVMI	22	>KIT-I538M-r GMMCMIVM	29	7
>KIT-I538M-\ GMMCIIVMII	30	>KIT-I538M-r GMMCMIVM	36	6
>KIT-I538M-\ GMMCIIVM	67	>KIT-I538M-r GMMCMIVM	299	232
>KIT-I538M-\ GMMCIIVMI	10	>KIT-I538M-r GMMCMIVM	17	7
>KIT-I538M-\ GMMCIIVMII	10	>KIT-I538M-r GMMCMIVM	15	5
>KIT-I538M-\ GMMCIIVM	375	>KIT-I538M-r GMMCMIVM	654	279
>KIT-I538M-\ GMMCIIVMI	39	>KIT-I538M-r GMMCMIVM	28	11
>KIT-I538M-\ GMMCIIVMII	17	>KIT-I538M-r GMMCMIVM	14	3
>KIT-I538M-\ GMMCIIVMI	30	>KIT-I538M-r GMMCMIVM	52	22
>KIT-I538M-\ GMMCIIVMII	134	>KIT-I538M-r GMMCMIVM	197	63
>KIT-I538M-\ GMMCIIVM	72	>KIT-I538M-r GMMCMIVM	65	7

>KIT-I538M-\ GMMCIIVMII	664	>KIT-I538M-r GMMCMIVM	413	251
>KIT-I538M-\ GMMCIIVM	61	>KIT-I538M-r GMMCMIVM	78	17
>KIT-I538M-\ GMMCIIVMI	157	>KIT-I538M-r GMMCMIVM	163	6
>KIT-I538M-\ GMMCIIVMII	76	>KIT-I538M-r GMMCMIVM	66	10
>KIT-I538M-\ GMMCIIVMII	530	>KIT-I538M-r GMMCMIVM	464	66
>KIT-I538M-\ GMMCIIVMII	168	>KIT-I538M-r GMMCMIVM	304	136
>KIT-I538M-\ GMMCIIVMI	106	>KIT-I538M-r GMMCMIVM	86	20
>KIT-I538M-\ GMMCIIVMII	329	>KIT-I538M-r GMMCMIVM	216	113
>KIT-I538M-\ AGMMCIIVM	679	>KIT-I538M-r AGMMCMIVM	222	457
>KIT-I538M-\ VAGMMCIIVI	704	>KIT-I538M-r VAGMMCMIVM	475	229
>KIT-I538M-\ IVAGMMCIIV	372	>KIT-I538M-r IVAGMMCMIVM	270	102
>KIT-I538M-\ IVAGMMCI	283	>KIT-I538M-r IVAGMMCMIVM	1211	928
>KIT-I538M-\ IVAGMMCII	296	>KIT-I538M-r IVAGMMCMIVM	138	158
>KIT-I538M-\ IVAGMMCIIV	597	>KIT-I538M-r IVAGMMCMIVM	317	280
>KIT-I538M-\ IVAGMMCI	313	>KIT-I538M-r IVAGMMCMIVM	2999	2686
>KIT-I538M-\ IVAGMMCII	172	>KIT-I538M-r IVAGMMCMIVM	129	43
>KIT-I538M-\ IVAGMMCIIV	210	>KIT-I538M-r IVAGMMCMIVM	90	120
>KIT-I538M-\ IVAGMMCI	330	>KIT-I538M-r IVAGMMCMIVM	1716	1386
>KIT-I538M-\ IVAGMMCII	462	>KIT-I538M-r IVAGMMCMIVM	175	287
>KIT-I538M-\ IVAGMMCIIV	185	>KIT-I538M-r IVAGMMCMIVM	125	60
>KIT-I538M-\ IVAGMMCII	2697	>KIT-I538M-r IVAGMMCMIVM	465	2232
>KIT-I538M-\ IVAGMMCIIV	282	>KIT-I538M-r IVAGMMCMIVM	305	23
>KIT-I538M-\ IVAGMMCIIV	395	>KIT-I538M-r IVAGMMCMIVM	342	53
>KIT-I538M-\ IVAGMMCII	264	>KIT-I538M-r IVAGMMCMIVM	109	155
>KIT-I538M-\ IVAGMMCIIV	10	>KIT-I538M-r IVAGMMCMIVM	7	3
>KIT-I538M-\ IVAGMMCI	3235	>KIT-I538M-r IVAGMMCMIVM	52	3183
>KIT-I538M-\ IVAGMMCIIV	81	>KIT-I538M-r IVAGMMCMIVM	38	43
>KIT-I538M-\ IVAGMMCI	68	>KIT-I538M-r IVAGMMCMIVM	1398	1330
>KIT-I538M-\ IVAGMMCII	280	>KIT-I538M-r IVAGMMCMIVM	78	202
>KIT-I538M-\ IVAGMMCIIV	264	>KIT-I538M-r IVAGMMCMIVM	168	96
>KIT-I538M-\ IVAGMMCIIV	760	>KIT-I538M-r IVAGMMCMIVM	465	295
>KIT-I538M-\ IVAGMMCIIV	835	>KIT-I538M-r IVAGMMCMIVM	350	485
>KIT-I538M-\ IVAGMMCIIV	289	>KIT-I538M-r IVAGMMCMIVM	393	104
>KIT-I538M-\ IVAGMMCIIV	75	>KIT-I538M-r IVAGMMCMIVM	41	34
>KIT-I538M-\ VIVAGMMCI	284	>KIT-I538M-r VIVAGMMCMIVM	2600	2316
>KIT-I538M-\ VIVAGMMCII	82	>KIT-I538M-r VIVAGMMCMIVM	36	46
>KIT-I538M-\ VIVAGMMCI	160	>KIT-I538M-r VIVAGMMCMIVM	985	825
>KIT-I538M-\ VIVAGMMCII	42	>KIT-I538M-r VIVAGMMCMIVM	43	1
>KIT-I538M-\ VIVAGMMCII	1445	>KIT-I538M-r VIVAGMMCMIVM	252	1193
>KIT-I538M-\ VIVAGMMCII	307	>KIT-I538M-r VIVAGMMCMIVM	413	106
>KIT-I538M-\ VIVAGMMCII	202	>KIT-I538M-r VIVAGMMCMIVM	261	59
>KIT-I538M-\ VIVAGMMCII	442	>KIT-I538M-r VIVAGMMCMIVM	217	225
>KIT-I538M-\ VIVAGMMCII	12	>KIT-I538M-r VIVAGMMCMIVM	9	3

>KIT-I538M-\ VIVAGMMCI	1252	>KIT-I538M-r VIVAGMMCI	27	1225
>KIT-I538M-\ FVIVAGMMC	550	>KIT-I538M-r FVIVAGMMC	251	299
>KIT-I538M-\ FVIVAGMMC	202	>KIT-I538M-r FVIVAGMMC	391	189
>KIT-I538M-\ FVIVAGMMC	411	>KIT-I538M-r FVIVAGMMC	222	189
>KIT-I538M-\ FVIVAGMMC	150	>KIT-I538M-r FVIVAGMMC	743	593
>KIT-I538M-\ FVIVAGMMC	97	>KIT-I538M-r FVIVAGMMC	75	22
>KIT-I538M-\ FVIVAGMMC	67	>KIT-I538M-r FVIVAGMMC	174	107
>KIT-I538M-\ FVIVAGMMC	22	>KIT-I538M-r FVIVAGMMC	16	6
>KIT-I538M-\ FVIVAGMMC	1488	>KIT-I538M-r FVIVAGMMC	323	1165
>KIT-I538M-\ FVIVAGMMC	580	>KIT-I538M-r FVIVAGMMC	326	254
>KIT-I538M-\ FVIVAGMMC	1194	>KIT-I538M-r FVIVAGMMC	35	1159
>KIT-I538M-\ FVIVAGMMC	211	>KIT-I538M-r FVIVAGMMC	1886	1675
>KIT-I538M-\ FVIVAGMMC	103	>KIT-I538M-r FVIVAGMMC	43	60
>KIT-I538M-\ FVIVAGMMC	255	>KIT-I538M-r FVIVAGMMC	551	296
>KIT-I538M-\ FVIVAGMMC	365	>KIT-I538M-r FVIVAGMMC	55	310
>KIT-I538M-\ FVIVAGMMC	3946	>KIT-I538M-r FVIVAGMMC	353	3593
>KIT-I538M-\ FVIVAGMMC	9841	>KIT-I538M-r FVIVAGMMC	209	9632
>KIT-I571R-w YIDPTQLPY	10	>KIT-I571R-r YRDPTQLPY	213	203
>KIT-I571R-w YIDPTQLPY	21	>KIT-I571R-r YRDPTQLPY	187	166
>KIT-I571R-w YIDPTQLPY	11	>KIT-I571R-r YRDPTQLPY	134	123
>KIT-I571R-w YIDPTQLPY	137	>KIT-I571R-r YRDPTQLPY	8906	8769
>KIT-I571R-w YIDPTQLPY	240	>KIT-I571R-r YRDPTQLPY	2054	1814
>KIT-I571R-w YIDPTQLPY	1209	>KIT-I571R-r YRDPTQLPY	133	1076
>KIT-I571R-w YIDPTQLPY	42	>KIT-I571R-r YRDPTQLPY	11593	11551
>KIT-I571R-w YIDPTQLPY	17095	>KIT-I571R-r YRDPTQLPY	380	16715
>KIT-I571R-w YIDPTQLPY	61	>KIT-I571R-r YRDPTQLPY	1471	1410
>KIT-I571R-w YIDPTQLPY	116	>KIT-I571R-r YRDPTQLPY	3197	3081
>KIT-I571R-w YIDPTQLPY	56	>KIT-I571R-r YRDPTQLPY	407	351
>KIT-I571R-w EEINGNNYVY	76	>KIT-I571R-r EEINGNNYVY	28115	28039
>KIT-I571R-w EEINGNNYVY	25743	>KIT-I571R-r EEINGNNYVY	36	25707
>KIT-I571R-w EEINGNNYVY	59	>KIT-I571R-r EEINGNNYVY	9704	9645
>KIT-I571R-w EEINGNNYVY	300	>KIT-I571R-r EEINGNNYVY	6915	6615
>KIT-I571R-w EEINGNNYVY	190	>KIT-I571R-r EEINGNNYVY	833	643
>KIT-I571R-w EEINGNNYVY	97	>KIT-I571R-r EEINGNNYVY	1132	1035
>KIT-I571R-w EEINGNNYVY	63	>KIT-I571R-r EEINGNNYVY	13195	13132
>KIT-I571R-w EEINGNNYVY	33195	>KIT-I571R-r EEINGNNYVY	172	33023
>KIT-I571R-w VYIDPTQLPY	495	>KIT-I571R-r VYRDPTQLPY	569	74
>KIT-I571R-w VYIDPTQL	216	>KIT-I571R-r VYRDPTQL	1717	1501
>KIT-I571R-w VYIDPTQL	43	>KIT-I571R-r VYRDPTQL	231	188
>KIT-I571R-w VYIDPTQLPY	319	>KIT-I571R-r VYRDPTQLPY	5589	5270
>KIT-I571R-w VYIDPTQLPY	33	>KIT-I571R-r VYRDPTQLPY	115	82
>KIT-I571R-w VYIDPTQLPY	6777	>KIT-I571R-r VYRDPTQLPY	60	6717
>KIT-I571R-w VYIDPTQLPY	64	>KIT-I571R-r VYRDPTQLPY	271	207

>KIT-I571R-w VYIDPTQLPY	32	>KIT-I571R-r VYRDPTQLPY	102	70
>KIT-I571R-w VYIDPTQLPY	840	>KIT-I571R-r VYRDPTQLPY	439	401
>KIT-I571R-w YVYIDPTQL	193	>KIT-I571R-r YVYRDPTQL	224	31
>KIT-I571R-w YVYIDPTQL	135	>KIT-I571R-r YVYRDPTQL	150	15
>KIT-I571R-w YVYIDPTQL	24	>KIT-I571R-r YVYRDPTQL	27	3
>KIT-I571R-w YVYIDPTQL	261	>KIT-I571R-r YVYRDPTQL	263	2
>KIT-I571R-w YVYIDPTQL	18	>KIT-I571R-r YVYRDPTQL	17	1
>KIT-I571R-w YVYIDPTQL	71	>KIT-I571R-r YVYRDPTQL	109	38
>KIT-I571R-w YVYIDPTQL	720	>KIT-I571R-r YVYRDPTQL	482	238
>KIT-I571R-w YVYIDPTQ	673	>KIT-I571R-r YVYRDPTQ	425	248
>KIT-I571R-w YVYIDPTQL	16	>KIT-I571R-r YVYRDPTQL	11	5
>KIT-I571R-w YVYIDPTQLP)	492	>KIT-I571R-r YVYRDPTQLP	213	279
>KIT-I571R-w YVYIDPTQLP)	330	>KIT-I571R-r YVYRDPTQLP	191	139
>KIT-I571R-w YVYIDPTQLP)	387	>KIT-I571R-r YVYRDPTQLP	587	200
>KIT-I571R-w YVYIDPTQLP)	91	>KIT-I571R-r YVYRDPTQLP	18	73
>KIT-I571R-w YVYIDPTQLP)	6	>KIT-I571R-r YVYRDPTQLP	7	1
>KIT-I571R-w YVYIDPTQLP)	451	>KIT-I571R-r YVYRDPTQLP	393	58
>KIT-I571R-w YVYIDPTQL	162	>KIT-I571R-r YVYRDPTQL	188	26
>KIT-I571R-w YVYIDPTQLP)	16	>KIT-I571R-r YVYRDPTQLP	11	5
>KIT-I571R-w YVYIDPTQLP)	63	>KIT-I571R-r YVYRDPTQLP	49	14
>KIT-I571R-w YVYIDPTQLP)	73	>KIT-I571R-r YVYRDPTQLP	60	13
>KIT-I571R-w YVYIDPTQLP)	53	>KIT-I571R-r YVYRDPTQLP	20	33
>KIT-I571R-w YVYIDPTQL	27	>KIT-I571R-r YVYRDPTQL	308	281
>KIT-I571R-w YVYIDPTQLP)	7	>KIT-I571R-r YVYRDPTQLP	17	10
>KIT-I571R-w YVYIDPTQLP)	17	>KIT-I571R-r YVYRDPTQLP	19	2
>KIT-I571R-w YVYIDPTQLP)	1053	>KIT-I571R-r YVYRDPTQLP	330	723
>KIT-I571R-w YVYIDPTQL	423	>KIT-I571R-r YVYRDPTQL	225	198
>KIT-I571R-w YVYIDPTQLP)	301	>KIT-I571R-r YVYRDPTQLP	180	121
>KIT-I571R-w YVYIDPTQLP)	645	>KIT-I571R-r YVYRDPTQLP	248	397
>KIT-I571R-w NYVYIDPTQL	150	>KIT-I571R-r NYVYRDPTQI	242	92
>KIT-I571R-w NYVYIDPTQL	163	>KIT-I571R-r NYVYRDPTQI	264	101
>KIT-I571R-w NNYVYIDPTC	602	>KIT-I571R-r NNYVYRDPTC	458	144
>KIT-I571R-w NGNNYVYI	17544	>KIT-I571R-r NGNNYVYR	43	17501
>KIT-I571R-w NGNNYVYI	33169	>KIT-I571R-r NGNNYVYR	120	33049
>KIT-I571R-w NGNNYVYI	32840	>KIT-I571R-r NGNNYVYR	104	32736
>KIT-I571R-w INGNNYVYI	163	>KIT-I571R-r INGNNYVYR	28876	28713
>KIT-I571R-w INGNNYVYI	141	>KIT-I571R-r INGNNYVYR	11507	11366
>KIT-I571R-w INGNNYVYI	19901	>KIT-I571R-r INGNNYVYR	100	19801
>KIT-I571R-w INGNNYVYI	28720	>KIT-I571R-r INGNNYVYR	44	28676
>KIT-I571R-w EINGNNYVYI	229	>KIT-I571R-r EINGNNYVYF	22063	21834
>KIT-I571R-w EINGNNYVYI	257	>KIT-I571R-r EINGNNYVYF	22908	22651
>KIT-I571R-w EINGNNYVYI	16851	>KIT-I571R-r EINGNNYVYF	67	16784
>KIT-I571R-w EINGNNYVYI	14047	>KIT-I571R-r EINGNNYVYF	47	14000

>KIT-I571R-w EINGNNYVYI	15246	>KIT-I571R-r EINGNNYVYF	11	15235
>KIT-I571R-w EINGNNYVYI	101	>KIT-I571R-r EINGNNYVYF	22803	22702
>KIT-I571R-w EINGNNYVYI	36	>KIT-I571R-r EINGNNYVYF	11730	11694
>KIT-I571R-w EINGNNYVYI	24837	>KIT-I571R-r EINGNNYVYF	24	24813
>KIT-I653T-w IVNLLGACTI	387	>KIT-I653T-r TVNLLGACTI	647	260
>KIT-I653T-w IVNLLGACTI	356	>KIT-I653T-r TVNLLGACTI	915	559
>KIT-I653T-w NIVNLLGA	188	>KIT-I653T-r NTVNLLGA	991	803
>KIT-I653T-w NIVNLLGACT	305	>KIT-I653T-r NTVNLLGACT	1413	1108
>KIT-I653T-w NIVNLLGA	135	>KIT-I653T-r NTVNLLGA	496	361
>KIT-I653T-w NIVNLLGACT	224	>KIT-I653T-r NTVNLLGACT	590	366
>KIT-I653T-w NIVNLLGA	895	>KIT-I653T-r NTVNLLGA	95	800
>KIT-I653T-w NIVNLLGACT	1206	>KIT-I653T-r NTVNLLGACT	180	1026
>KIT-I653T-w NIVNLLGACT	686	>KIT-I653T-r NTVNLLGACT	74	612
>KIT-I653T-w NIVNLLGA	1266	>KIT-I653T-r NTVNLLGA	244	1022
>KIT-I653T-w NIVNLLGACT	347	>KIT-I653T-r NTVNLLGACT	82	265
>KIT-I653T-w NIVNLLGACT	16959	>KIT-I653T-r NTVNLLGACT	343	16616
>KIT-I653T-w NIVNLLGACT	13586	>KIT-I653T-r NTVNLLGACT	224	13362
>KIT-I653T-w VLSYLGNHMI	36	>KIT-I653T-r VLSYLGNHMI	841	805
>KIT-I653T-w VLSYLGNHMI	48	>KIT-I653T-r VLSYLGNHMI	783	735
>KIT-I653T-w VLSYLGNHMI	201	>KIT-I653T-r VLSYLGNHMI	3570	3369
>KIT-I653T-w VLSYLGNHMI	217	>KIT-I653T-r VLSYLGNHMI	7640	7423
>KIT-I653T-w VLSYLGNHMI	294	>KIT-I653T-r VLSYLGNHMI	5795	5501
>KIT-I653T-w VLSYLGNHMI	73	>KIT-I653T-r VLSYLGNHMI	785	712
>KIT-I653T-w HMNIVNLL	410	>KIT-I653T-r HMNTVNLL	218	192
>KIT-I653T-w HMNIVNLL	11	>KIT-I653T-r HMNTVNLL	8	3
>KIT-I653T-w HMNIVNLLG,	450	>KIT-I653T-r HMNTVNLLG	330	120
>KIT-I653T-w HMNIVNLL	48	>KIT-I653T-r HMNTVNLL	30	18
>KIT-I653T-w HMNIVNLLG,	160	>KIT-I653T-r HMNTVNLLG	120	40
>KIT-I653T-w HMNIVNLL	41	>KIT-I653T-r HMNTVNLL	55	14
>KIT-I653T-w HMNIVNLLG,	74	>KIT-I653T-r HMNTVNLLG	103	29
>KIT-I653T-w HMNIVNLLG,	346	>KIT-I653T-r HMNTVNLLG	513	167
>KIT-I653T-w HMNIVNLL	187	>KIT-I653T-r HMNTVNLL	72	115
>KIT-I653T-w HMNIVNLLG,	469	>KIT-I653T-r HMNTVNLLG	200	269
>KIT-I653T-w HMNIVNLL	116	>KIT-I653T-r HMNTVNLL	157	41
>KIT-I653T-w HMNIVNLLG,	270	>KIT-I653T-r HMNTVNLLG	354	84
>KIT-I653T-w HMNIVNLL	45	>KIT-I653T-r HMNTVNLL	46	1
>KIT-I653T-w HMNIVNLLG,	158	>KIT-I653T-r HMNTVNLLG	163	5
>KIT-I653T-w HMNIVNLL	1238	>KIT-I653T-r HMNTVNLL	467	771
>KIT-I653T-w HMNIVNLL	434	>KIT-I653T-r HMNTVNLL	91	343
>KIT-I653T-w NHMNIVNLL	242	>KIT-I653T-r NHMNTVNLL	1908	1666
>KIT-I653T-w NHMNIVNL	988	>KIT-I653T-r NHMNTVNL	449	539
>KIT-I653T-w NHMNIVNL	361	>KIT-I653T-r NHMNTVNL	345	16
>KIT-I653T-w NHMNIVNLL	171	>KIT-I653T-r NHMNTVNLL	157	14



>KIT-I653T-w NHMNIVNL	15	>KIT-I653T-r NHMNTVNL	10	5
>KIT-I653T-w NHMNIVNLL	9	>KIT-I653T-r NHMNTVNLL	7	2
>KIT-I653T-w YLGNHMNI	45	>KIT-I653T-r YLGNHMNT	803	758
>KIT-I653T-w YLGNHMNIV	27	>KIT-I653T-r YLGNHMNTV	12	15
>KIT-I653T-w YLGNHMNIV	23	>KIT-I653T-r YLGNHMNTV	25	2
>KIT-I653T-w YLGNHMNI	22	>KIT-I653T-r YLGNHMNT	355	333
>KIT-I653T-w YLGNHMNIV	5	>KIT-I653T-r YLGNHMNTV	5	0
>KIT-I653T-w YLGNHMNIV	6	>KIT-I653T-r YLGNHMNTV	6	0
>KIT-I653T-w YLGNHMNI	9	>KIT-I653T-r YLGNHMNT	77	68
>KIT-I653T-w YLGNHMNIV	3	>KIT-I653T-r YLGNHMNTV	3	0
>KIT-I653T-w YLGNHMNIV	10	>KIT-I653T-r YLGNHMNTV	11	1
>KIT-I653T-w YLGNHMNI	205	>KIT-I653T-r YLGNHMNT	2411	2206
>KIT-I653T-w YLGNHMNIV	26	>KIT-I653T-r YLGNHMNTV	11	15
>KIT-I653T-w YLGNHMNIV	111	>KIT-I653T-r YLGNHMNTV	128	17
>KIT-I653T-w YLGNHMNI	5	>KIT-I653T-r YLGNHMNT	54	49
>KIT-I653T-w YLGNHMNIV	4	>KIT-I653T-r YLGNHMNTV	2	2
>KIT-I653T-w YLGNHMNIV	5	>KIT-I653T-r YLGNHMNTV	5	0
>KIT-I653T-w YLGNHMNI	6	>KIT-I653T-r YLGNHMNT	258	252
>KIT-I653T-w YLGNHMNIV	3	>KIT-I653T-r YLGNHMNTV	2	1
>KIT-I653T-w YLGNHMNIV	4	>KIT-I653T-r YLGNHMNTV	4	0
>KIT-I653T-w YLGNHMNI	15	>KIT-I653T-r YLGNHMNT	307	292
>KIT-I653T-w YLGNHMNIV	8	>KIT-I653T-r YLGNHMNTV	6	2
>KIT-I653T-w YLGNHMNIV	12	>KIT-I653T-r YLGNHMNTV	11	1
>KIT-I653T-w YLGNHMNI	33	>KIT-I653T-r YLGNHMNT	1279	1246
>KIT-I653T-w YLGNHMNIV	14	>KIT-I653T-r YLGNHMNTV	5	9
>KIT-I653T-w YLGNHMNIV	20	>KIT-I653T-r YLGNHMNTV	14	6
>KIT-I653T-w YLGNHMNI	4	>KIT-I653T-r YLGNHMNT	12	8
>KIT-I653T-w YLGNHMNIV	2	>KIT-I653T-r YLGNHMNTV	2	0
>KIT-I653T-w YLGNHMNIV	2	>KIT-I653T-r YLGNHMNTV	2	0
>KIT-I653T-w YLGNHMNIV	736	>KIT-I653T-r YLGNHMNTV	186	550
>KIT-I653T-w SYLGNHMNI	14	>KIT-I653T-r SYLGNHMNT	4028	4014
>KIT-I653T-w SYLGNHMNI	177	>KIT-I653T-r SYLGNHMNT	15	162
>KIT-I653T-w SYLGNHMNI	1302	>KIT-I653T-r SYLGNHMNT	189	1113
>KIT-I653T-w SYLGNHMNI	1601	>KIT-I653T-r SYLGNHMNT	476	1125
>KIT-I653T-w SYLGNHMNI	497	>KIT-I653T-r SYLGNHMNT	101	396
>KIT-I653T-w SYLGNHMNI	31	>KIT-I653T-r SYLGNHMNT	6958	6927
>KIT-I653T-w SYLGNHMNI	92	>KIT-I653T-r SYLGNHMNT	8470	8378
>KIT-I653T-w SYLGNHMNI	4	>KIT-I653T-r SYLGNHMNT	84	80
>KIT-I653T-w SYLGNHMNI	45	>KIT-I653T-r SYLGNHMNT	16	29
>KIT-I653T-w SYLGNHMNI	76	>KIT-I653T-r SYLGNHMNT	2054	1978
>KIT-I653T-w SYLGNHMNI	333	>KIT-I653T-r SYLGNHMNT	3609	3276
>KIT-I653T-w SYLGNHMNI	143	>KIT-I653T-r SYLGNHMNT	290	147
>KIT-I653T-w SYLGNHMNI	364	>KIT-I653T-r SYLGNHMNT	1414	1050

>KIT-I653T-w SYLGNHMNI	53	>KIT-I653T-r SYLGNHMNT	53	0
>KIT-I653T-w LSYLGNHMN	440	>KIT-I653T-r LSYLGNHMN	411	29
>KIT-I653T-w LSYLGNHMN	724	>KIT-I653T-r LSYLGNHMN	398	326
>KIT-I653T-w LSYLGNHMN	1068	>KIT-I653T-r LSYLGNHMN	232	836
>KIT-I653T-w LSYLGNHMN	131	>KIT-I653T-r LSYLGNHMN	1250	1119
>KIT-I653T-w LSYLGNHMN	951	>KIT-I653T-r LSYLGNHMN	346	605
>KIT-I653T-w LSYLGNHMN	349	>KIT-I653T-r LSYLGNHMN	8245	7896
>KIT-I653T-w LSYLGNHMN	16	>KIT-I653T-r LSYLGNHMN	823	807
>KIT-I653T-w LSYLGNHMN	332	>KIT-I653T-r LSYLGNHMN	63	269
>KIT-I653T-w LSYLGNHMN	216	>KIT-I653T-r LSYLGNHMN	15517	15301
>KIT-I653T-w LSYLGNHMN	237	>KIT-I653T-r LSYLGNHMN	2970	2733
>KIT-I653T-w LSYLGNHMN	288	>KIT-I653T-r LSYLGNHMN	201	87
>KIT-I653T-w LSYLGNHMN	39	>KIT-I653T-r LSYLGNHMN	16275	16236
>KIT-I653T-w LSYLGNHMN	738	>KIT-I653T-r LSYLGNHMN	427	311
>KIT-I748T-w IERDVTPAI	21	>KIT-I748T-r TERDVTPAI	18	3
>KIT-I748T-w IERDVTPAIM	461	>KIT-I748T-r TERDVTPAIM	2941	2480
>KIT-I748T-w IERDVTPAI	196	>KIT-I748T-r TERDVTPAI	345	149
>KIT-I748T-w IERDVTPAI	170	>KIT-I748T-r TERDVTPAI	270	100
>KIT-I748T-w IERDVTPA	250	>KIT-I748T-r TERDVTPA	151	99
>KIT-I748T-w IERDVTPAI	202	>KIT-I748T-r TERDVTPAI	127	75
>KIT-I748T-w IERDVTPA	598	>KIT-I748T-r TERDVTPA	86	512
>KIT-I748T-w IERDVTPAI	5	>KIT-I748T-r TERDVTPAI	6	1
>KIT-I748T-w IERDVTPAIM	324	>KIT-I748T-r TERDVTPAIM	233	91
>KIT-I748T-w YIERDVTPA	74	>KIT-I748T-r YTERDVTPA	773	699
>KIT-I748T-w YIERDVTPAI	363	>KIT-I748T-r YTERDVTPAI	1035	672
>KIT-I748T-w YIERDVTPA	160	>KIT-I748T-r YTERDVTPA	529	369
>KIT-I748T-w YIERDVTPAI	206	>KIT-I748T-r YTERDVTPAI	232	26
>KIT-I748T-w YIERDVTPAI	134	>KIT-I748T-r YTERDVTPAI	544	410
>KIT-I748T-w YIERDVTPAI	309	>KIT-I748T-r YTERDVTPAI	1933	1624
>KIT-I748T-w YIERDVTPA	119	>KIT-I748T-r YTERDVTPA	4593	4474
>KIT-I748T-w YIERDVTPAI	78	>KIT-I748T-r YTERDVTPAI	2634	2556
>KIT-I748T-w YIERDVTPAIM	2419	>KIT-I748T-r YTERDVTPAIM	302	2117
>KIT-I748T-w YIERDVTPAI	674	>KIT-I748T-r YTERDVTPAI	212	462
>KIT-I748T-w YIERDVTPAIM	12287	>KIT-I748T-r YTERDVTPAIM	75	12212
>KIT-I748T-w YIERDVTPAIM	11829	>KIT-I748T-r YTERDVTPAIM	272	11557
>KIT-I748T-w YIERDVTPAIM	612	>KIT-I748T-r YTERDVTPAIM	14	598
>KIT-I748T-w KRRSVRIGSYI	35	>KIT-I748T-r KRRSVRIGSYI	777	742
>KIT-I748T-w KRRSVRIGSYI	91	>KIT-I748T-r KRRSVRIGSYI	1610	1519
>KIT-I748T-w KRRSVRIGSYI	212	>KIT-I748T-r KRRSVRIGSYI	2153	1941
>KIT-I748T-w KRRSVRIGSYI	434	>KIT-I748T-r KRRSVRIGSYI	2614	2180
>KIT-I748T-w KRRSVRIGSYI	32	>KIT-I748T-r KRRSVRIGSYI	101	69
>KIT-I748T-w KRRSVRIGSYI	69	>KIT-I748T-r KRRSVRIGSYI	2248	2179
>KIT-I748T-w SYIERDVTPAI	14	>KIT-I748T-r SYTERDVTPA	28	14

>KIT-I748T-w SYIERDVTPAI	434	>KIT-I748T-r SYTERDVTPA	2226	1792
>KIT-I748T-w SYIERDVTPAI	366	>KIT-I748T-r SYTERDVTPA	3001	2635
>KIT-I748T-w SYIERDVTPAI	472	>KIT-I748T-r SYTERDVTPA	1431	959
>KIT-I748T-w SYIERDVTPAI	19	>KIT-I748T-r SYTERDVTPA	36	17
>KIT-I748T-w RIGSYIERDV	176	>KIT-I748T-r RIGSYTERDV	336	160
>KIT-I748T-w RIGSYIERDV	171	>KIT-I748T-r RIGSYTERDV	258	87
>KIT-I748T-w RIGSYIER	403	>KIT-I748T-r RIGSYTER	888	485
>KIT-I748T-w RIGSYIER	14	>KIT-I748T-r RIGSYTER	13	1
>KIT-I748T-w RIGSYIER	54	>KIT-I748T-r RIGSYTER	61	7
>KIT-I748T-w SVRIGSYIER	162	>KIT-I748T-r SVRIGSYTER	401	239
>KIT-I748T-w SVRIGSYI	9	>KIT-I748T-r SVRIGSYT	123	114
>KIT-I748T-w SVRIGSYIER	16	>KIT-I748T-r SVRIGSYTER	53	37
>KIT-I748T-w SVRIGSYIER	32	>KIT-I748T-r SVRIGSYTER	65	33
>KIT-I748T-w SVRIGSYIER	185	>KIT-I748T-r SVRIGSYTER	469	284
>KIT-I748T-w SVRIGSYIER	57	>KIT-I748T-r SVRIGSYTER	87	30
>KIT-I748T-w SVRIGSYI	310	>KIT-I748T-r SVRIGSYT	36282	35972
>KIT-I748T-w RSVRIGSYIER	186	>KIT-I748T-r RSVRIGSYTEF	477	291
>KIT-I748T-w RSVRIGSYI	114	>KIT-I748T-r RSVRIGSYT	2517	2403
>KIT-I748T-w RSVRIGSYIER	437	>KIT-I748T-r RSVRIGSYTEF	1868	1431
>KIT-I748T-w RSVRIGSYIER	11	>KIT-I748T-r RSVRIGSYTEF	10	1
>KIT-I748T-w RSVRIGSYIER	119	>KIT-I748T-r RSVRIGSYTEF	109	10
>KIT-I748T-w RSVRIGSYI	228	>KIT-I748T-r RSVRIGSYT	4288	4060
>KIT-I748T-w RSVRIGSYI	18	>KIT-I748T-r RSVRIGSYT	1410	1392
>KIT-I748T-w RSVRIGSYI	36	>KIT-I748T-r RSVRIGSYT	8169	8133
>KIT-I748T-w RSVRIGSYI	12	>KIT-I748T-r RSVRIGSYT	72	60
>KIT-I748T-w RSVRIGSYIER	401	>KIT-I748T-r RSVRIGSYTEF	792	391
>KIT-I748T-w RSVRIGSYI	11	>KIT-I748T-r RSVRIGSYT	18230	18219
>KIT-I748T-w RRSVRIGSYI	219	>KIT-I748T-r RRSVRIGSYT	4039	3820
>KIT-I748T-w RRSVRIGSYI	21	>KIT-I748T-r RRSVRIGSYT	75	54
>KIT-I748T-w RRSVRIGSYI	63	>KIT-I748T-r RRSVRIGSYT	113	50
>KIT-I748T-w RRSVRIGSYIE	606	>KIT-I748T-r RRSVRIGSYTE	441	165
>KIT-I748T-w RRSVRIGSYI	34	>KIT-I748T-r RRSVRIGSYT	76	42
>KIT-I817L-w IKNDSNYV	63	>KIT-I817L-m LKNDSNYV	91	28
>KIT-I817L-w IKNDSNYVV	26	>KIT-I817L-m LKNDSNYVV	35	9
>KIT-I817L-w IKNDSNYVVK	83	>KIT-I817L-m LKNDSNYVVK	115	32
>KIT-I817L-w DIKNDSNYVV	2092	>KIT-I817L-m DLKNDSNYVA	257	1835
>KIT-I817L-w DIKNDSNYV	6065	>KIT-I817L-m DLKNDSNYV	483	5582
>KIT-I817L-w DIKNDSNYV	5214	>KIT-I817L-m DLKNDSNYV	166	5048
>KIT-I817L-w DIKNDSNYVV	4961	>KIT-I817L-m DLKNDSNYVA	220	4741
>KIT-I817L-w DIKNDSNYV	6580	>KIT-I817L-m DLKNDSNYV	226	6354
>KIT-I817L-w DIKNDSNYV	1669	>KIT-I817L-m DLKNDSNYV	33	1636
>KIT-I817L-w DIKNDSNYVV	2247	>KIT-I817L-m DLKNDSNYVA	50	2197
>KIT-I817L-w DIKNDSNY	198	>KIT-I817L-m DLKNDSNY	1028	830

>KIT-I817L-w DIKNDSNY	243	>KIT-I817L-m DLKNDSNY	1942	1699
>KIT-I817L-w DIKNDSNY	462	>KIT-I817L-m DLKNDSNY	373	89
>KIT-I817L-w DIKNDSNYVV	291	>KIT-I817L-m DLKNDSNYV\	1090	799
>KIT-I817L-w DIKNDSNY	694	>KIT-I817L-m DLKNDSNY	144	550
>KIT-I817L-w KICDFGLARD	109	>KIT-I817L-m KICDFGLARD	283	174
>KIT-I817L-w RDIKNDSNYV	394	>KIT-I817L-m RDLKNDSNY\	423	29
>KIT-I817L-w RDIKNDSNYV	299	>KIT-I817L-m RDLKNDSNY\	231	68
>KIT-I817L-w RDIKNDSNYV	87	>KIT-I817L-m RDLKNDSNY\	68	19
>KIT-I817L-w ARDIKNDSNY	420	>KIT-I817L-m ARDLKNDSN\	358	62
>KIT-I817L-w ARDIKNDSNY	200	>KIT-I817L-m ARDLKNDSN\	152	48
>KIT-I817L-w LARDIKNDSN	241	>KIT-I817L-m LARDLKNDSM	440	199
>KIT-I817L-w LARDIKNDSN	387	>KIT-I817L-m LARDLKNDSM	264	123
>KIT-I817L-w LARDIKNDSN	317	>KIT-I817L-m LARDLKNDSM	340	23
>KIT-I817L-w LARDIKNDSN	30	>KIT-I817L-m LARDLKNDSM	23	7
>KIT-I817L-w LARDIKNDSN	176	>KIT-I817L-m LARDLKNDSM	188	12
>KIT-I817L-w LARDIKNDSN	46	>KIT-I817L-m LARDLKNDSM	49	3
>KIT-I817L-w DFGLARDIK	2833	>KIT-I817L-m DFGLARDLK	472	2361
>KIT-I817L-w CDFGLARDI	84	>KIT-I817L-m CDFGLARDL	873	789
>KIT-I817V-w IKNDSNYV	63	>KIT-I817V-r VKNDSNYV	152	89
>KIT-I817V-w IKNDSNYVV	26	>KIT-I817V-r VKNDSNYVV	61	35
>KIT-I817V-w IKNDSNYVVK	83	>KIT-I817V-r VKNDSNYVVI	196	113
>KIT-I817V-w DIKNDSNY	198	>KIT-I817V-r DVKNDSNY	58	140
>KIT-I817V-w DIKNDSNY	243	>KIT-I817V-r DVKNDSNY	54	189
>KIT-I817V-w DIKNDSNY	462	>KIT-I817V-r DVKNDSNY	377	85
>KIT-I817V-w DIKNDSNYVV	291	>KIT-I817V-r DVKNDSNYV'	113	178
>KIT-I817V-w DIKNDSNYV	512	>KIT-I817V-r DVKNDSNYV	115	397
>KIT-I817V-w DIKNDSNYV	677	>KIT-I817V-r DVKNDSNYV	396	281
>KIT-I817V-w KICDFGLARD	2732	>KIT-I817V-r KICDFGLARD'	439	2293
>KIT-I817V-w KICDFGLARD	1817	>KIT-I817V-r KICDFGLARD'	466	1351
>KIT-I817V-w KICDFGLARD	997	>KIT-I817V-r KICDFGLARD'	90	907
>KIT-I817V-w KICDFGLARD	5150	>KIT-I817V-r KICDFGLARD'	61	5089
>KIT-I817V-w KICDFGLARD	109	>KIT-I817V-r KICDFGLARD'	1139	1030
>KIT-I817V-w RDIKNDSNYV	394	>KIT-I817V-r RDVKNDSNY'	728	334
>KIT-I817V-w RDIKNDSNYV	299	>KIT-I817V-r RDVKNDSNY'	491	192
>KIT-I817V-w RDIKNDSNYV	87	>KIT-I817V-r RDVKNDSNY'	130	43
>KIT-I817V-w ARDIKNDSNY	420	>KIT-I817V-r ARDVKNDSN	495	75
>KIT-I817V-w ARDIKNDSNY	200	>KIT-I817V-r ARDVKNDSN	248	48
>KIT-I817V-w LARDIKNDSN	241	>KIT-I817V-r LARDVKNDSI	362	121
>KIT-I817V-w LARDIKNDSN	387	>KIT-I817V-r LARDVKNDSI	282	105
>KIT-I817V-w LARDIKNDSN	317	>KIT-I817V-r LARDVKNDSI	362	45
>KIT-I817V-w LARDIKNDSN	30	>KIT-I817V-r LARDVKNDSI	39	9
>KIT-I817V-w LARDIKNDSN	176	>KIT-I817V-r LARDVKNDSI	203	27
>KIT-I817V-w LARDIKNDSN	46	>KIT-I817V-r LARDVKNDSI	50	4

>KIT-I817V- $\nu$ CDFGLARDI	84	>KIT-I817V- $\eta$ CDFGLARDV	163	79
>KIT-I841V- $\nu$ IFNCVYTF	19	>KIT-I841V- $\eta$ VFNCVYTF	20	1
>KIT-I841V- $\nu$ IFNCVYTF	57	>KIT-I841V- $\eta$ VFNCVYTF	90	33
>KIT-I841V- $\nu$ IFNCVYTF	35	>KIT-I841V- $\eta$ VFNCVYTF	27	8
>KIT-I841V- $\nu$ IFNCVYTF	281	>KIT-I841V- $\eta$ VFNCVYTF	629	348
>KIT-I841V- $\nu$ IFNCVYTF	463	>KIT-I841V- $\eta$ VFNCVYTF	613	150
>KIT-I841V- $\nu$ SIFNCVYTF	483	>KIT-I841V- $\eta$ SVFNCVYTF	299	184
>KIT-I841V- $\nu$ SIFNCVYT	214	>KIT-I841V- $\eta$ SVFNCVYT	422	208
>KIT-I841V- $\nu$ SIFNCVYTFES	237	>KIT-I841V- $\eta$ SVFNCVYTFE	453	216
>KIT-I841V- $\nu$ SIFNCVYT	411	>KIT-I841V- $\eta$ SVFNCVYT	945	534
>KIT-I841V- $\nu$ SIFNCVYTFES	354	>KIT-I841V- $\eta$ SVFNCVYTFE	819	465
>KIT-I841V- $\nu$ SIFNCVYT	286	>KIT-I841V- $\eta$ SVFNCVYT	255	31
>KIT-I841V- $\nu$ SIFNCVYT	199	>KIT-I841V- $\eta$ SVFNCVYT	730	531
>KIT-I841V- $\nu$ SIFNCVYTF	422	>KIT-I841V- $\eta$ SVFNCVYTF	1458	1036
>KIT-I841V- $\nu$ SIFNCVYTF	72	>KIT-I841V- $\eta$ SVFNCVYTF	42	30
>KIT-I841V- $\nu$ SIFNCVYTF	585	>KIT-I841V- $\eta$ SVFNCVYTF	497	88
>KIT-I841V- $\nu$ SIFNCVYTF	662	>KIT-I841V- $\eta$ SVFNCVYTF	146	516
>KIT-I841V- $\nu$ SIFNCVYTF	505	>KIT-I841V- $\eta$ SVFNCVYTF	235	270
>KIT-I841V- $\nu$ SIFNCVYTF	6	>KIT-I841V- $\eta$ SVFNCVYTF	6	0
>KIT-I841V- $\nu$ SIFNCVYT	754	>KIT-I841V- $\eta$ SVFNCVYT	142	612
>KIT-I841V- $\nu$ SIFNCVYTFES	404	>KIT-I841V- $\eta$ SVFNCVYTFE	72	332
>KIT-I841V- $\nu$ SIFNCVYTF	53	>KIT-I841V- $\eta$ SVFNCVYTF	58	5
>KIT-I841V- $\nu$ SIFNCVYTF	16	>KIT-I841V- $\eta$ SVFNCVYTF	22	6
>KIT-I841V- $\nu$ SIFNCVYTF	276	>KIT-I841V- $\eta$ SVFNCVYTF	62	214
>KIT-I841V- $\nu$ SIFNCVYTF	310	>KIT-I841V- $\eta$ SVFNCVYTF	88	222
>KIT-I841V- $\nu$ SIFNCVYTF	40	>KIT-I841V- $\eta$ SVFNCVYTF	13	27
>KIT-I841V- $\nu$ SIFNCVYTF	149	>KIT-I841V- $\eta$ SVFNCVYTF	148	1
>KIT-I841V- $\nu$ LPVKWMAPE	1157	>KIT-I841V- $\eta$ LPVKWMAPE	392	765
>KIT-I841V- $\nu$ LPVKWMAPE	216	>KIT-I841V- $\eta$ LPVKWMAPE	202	14
>KIT-I841V- $\nu$ LPVKWMAPE	96	>KIT-I841V- $\eta$ LPVKWMAPE	186	90
>KIT-I841V- $\nu$ LPVKWMAPE	32	>KIT-I841V- $\eta$ LPVKWMAPE	217	185
>KIT-I841V- $\nu$ LPVKWMAPE	122	>KIT-I841V- $\eta$ LPVKWMAPE	34	88
>KIT-I841V- $\nu$ ESIFNCVY	195	>KIT-I841V- $\eta$ ESVFNCVY	374	179
>KIT-I841V- $\nu$ ESIFNCVYTF	87	>KIT-I841V- $\eta$ ESVFNCVYTF	143	56
>KIT-I841V- $\nu$ ESIFNCVY	11	>KIT-I841V- $\eta$ ESVFNCVY	16	5
>KIT-I841V- $\nu$ ESIFNCVYTF	7	>KIT-I841V- $\eta$ ESVFNCVYTF	10	3
>KIT-I841V- $\nu$ ESIFNCVY	464	>KIT-I841V- $\eta$ ESVFNCVY	803	339
>KIT-I841V- $\nu$ ESIFNCVYTF	81	>KIT-I841V- $\eta$ ESVFNCVYTF	139	58
>KIT-I841V- $\nu$ ESIFNCVY	74	>KIT-I841V- $\eta$ ESVFNCVY	143	69
>KIT-I841V- $\nu$ ESIFNCVYT	486	>KIT-I841V- $\eta$ ESVFNCVYT	1066	580
>KIT-I841V- $\nu$ ESIFNCVYTFE	124	>KIT-I841V- $\eta$ ESVFNCVYTFE	249	125
>KIT-I841V- $\nu$ ESIFNCVYT	135	>KIT-I841V- $\eta$ ESVFNCVYT	270	135
>KIT-I841V- $\nu$ ESIFNCVY	246	>KIT-I841V- $\eta$ ESVFNCVY	481	235

>KIT-I841V- $\nu$ ESIFNCVYTF	98	>KIT-I841V- $\eta$ ESVFNCVYTF	137	39
>KIT-I841V- $\nu$ ESIFNCVY	28	>KIT-I841V- $\eta$ ESVFNCVY	27	1
>KIT-I841V- $\nu$ ESIFNCVYTF	11	>KIT-I841V- $\eta$ ESVFNCVYTF	11	0
>KIT-I841V- $\nu$ ESIFNCVY	470	>KIT-I841V- $\eta$ ESVFNCVY	405	65
>KIT-I841V- $\nu$ PESIFNCVYTF	852	>KIT-I841V- $\eta$ PESVFNCVYTF	449	403
>KIT-I841V- $\nu$ PESIFNCVY	415	>KIT-I841V- $\eta$ PESVFNCVY	418	3
>KIT-I841V- $\nu$ PESIFNCVYTF	57	>KIT-I841V- $\eta$ PESVFNCVYTF	55	2
>KIT-I841V- $\nu$ APESIFNCVY	117	>KIT-I841V- $\eta$ APESVFNCVY	127	10
>KIT-I841V- $\nu$ APESIFNCVY	57	>KIT-I841V- $\eta$ APESVFNCVY	42	15
>KIT-I841V- $\nu$ APESIFNCVY	81	>KIT-I841V- $\eta$ APESVFNCVY	82	1
>KIT-I841V- $\nu$ MAPESIFNCV	127	>KIT-I841V- $\eta$ MAPESVFNC'	127	0
>KIT-I841V- $\nu$ MAPESIFNCV	155	>KIT-I841V- $\eta$ MAPESVFNC'	124	31
>KIT-I841V- $\nu$ MAPESIFNCV	343	>KIT-I841V- $\eta$ MAPESVFNC'	265	78
>KIT-I841V- $\nu$ MAPESIFNCV	78	>KIT-I841V- $\eta$ MAPESVFNC'	122	44
>KIT-I841V- $\nu$ MAPESIFNCV	22	>KIT-I841V- $\eta$ MAPESVFNC'	25	3
>KIT-I841V- $\nu$ MAPESIFNCV	274	>KIT-I841V- $\eta$ MAPESVFNC'	292	18
>KIT-I841V- $\nu$ MAPESIFNCV	292	>KIT-I841V- $\eta$ MAPESVFNC'	236	56
>KIT-I841V- $\nu$ MAPESIFNCV	279	>KIT-I841V- $\eta$ MAPESVFNC'	185	94
>KIT-I841V- $\nu$ MAPESIFNCV	110	>KIT-I841V- $\eta$ MAPESVFNC'	113	3
>KIT-I841V- $\nu$ MAPESIFNCV	27	>KIT-I841V- $\eta$ MAPESVFNC'	24	3
>KIT-I841V- $\nu$ MAPESIFNCV	397	>KIT-I841V- $\eta$ MAPESVFNC'	372	25
>KIT-I841V- $\nu$ MAPESIFNC	32	>KIT-I841V- $\eta$ MAPESVFNC	75	43
>KIT-I841V- $\nu$ MAPESIFNCV	10	>KIT-I841V- $\eta$ MAPESVFNC'	14	4
>KIT-I841V- $\nu$ MAPESIFNCV	276	>KIT-I841V- $\eta$ MAPESVFNC'	460	184
>KIT-I841V- $\nu$ WMAPESIFN'	20	>KIT-I841V- $\eta$ WMAPESVFN	22	2
>KIT-I841V- $\nu$ WMAPESIFN	653	>KIT-I841V- $\eta$ WMAPESVFN	312	341
>KIT-I841V- $\nu$ WMAPESIFN'	4	>KIT-I841V- $\eta$ WMAPESVFN	4	0
>KIT-I841V- $\nu$ WMAPESIFN'	6	>KIT-I841V- $\eta$ WMAPESVFN	6	0
>KIT-I841V- $\nu$ WMAPESIFN'	8	>KIT-I841V- $\eta$ WMAPESVFN	8	0
>KIT-I841V- $\nu$ WMAPESIFN'	25	>KIT-I841V- $\eta$ WMAPESVFN	30	5
>KIT-I841V- $\nu$ WMAPESIFN'	6	>KIT-I841V- $\eta$ WMAPESVFN	5	1
>KIT-I841V- $\nu$ WMAPESIFN'	128	>KIT-I841V- $\eta$ WMAPESVFN	139	11
>KIT-I841V- $\nu$ WMAPESIFN'	5	>KIT-I841V- $\eta$ WMAPESVFN	5	0
>KIT-I841V- $\nu$ WMAPESIFN'	90	>KIT-I841V- $\eta$ WMAPESVFN	92	2
>KIT-I841V- $\nu$ WMAPESIFN'	6	>KIT-I841V- $\eta$ WMAPESVFN	5	1
>KIT-I841V- $\nu$ WMAPESIFN'	34	>KIT-I841V- $\eta$ WMAPESVFN	31	3
>KIT-I841V- $\nu$ WMAPESIFN'	3	>KIT-I841V- $\eta$ WMAPESVFN	3	0
>KIT-I841V- $\nu$ WMAPESIFN'	12	>KIT-I841V- $\eta$ WMAPESVFN	15	3
>KIT-I841V- $\nu$ WMAPESIFN'	2	>KIT-I841V- $\eta$ WMAPESVFN	2	0
>KIT-I841V- $\nu$ WMAPESIF	225	>KIT-I841V- $\eta$ WMAPESVF	99	126
>KIT-I841V- $\nu$ WMAPESIFN'	113	>KIT-I841V- $\eta$ WMAPESVFN	103	10
>KIT-I841V- $\nu$ WMAPESIFN'	313	>KIT-I841V- $\eta$ WMAPESVFN	403	90
>KIT-I841V- $\nu$ WMAPESIF	49	>KIT-I841V- $\eta$ WMAPESVF	28	21

>KIT-I841V-w WMAPESIF	58	>KIT-I841V-r WMAPESVF	54	4
>KIT-I841V-w WMAPESIF	5	>KIT-I841V-r WMAPESVF	5	0
>KIT-I841V-w WMAPESIFN	184	>KIT-I841V-r WMAPESVFN	136	48
>KIT-I841V-w WMAPESIF	335	>KIT-I841V-r WMAPESVF	169	166
>KIT-I841V-w WMAPESIF	53	>KIT-I841V-r WMAPESVF	42	11
>KIT-I841V-w KWMAPESI	441	>KIT-I841V-r KWMAPESV	4984	4543
>KIT-I841V-w KWMAPESI	2014	>KIT-I841V-r KWMAPESV	419	1595
>KIT-I841V-w KWMAPESI	415	>KIT-I841V-r KWMAPESV	3823	3408
>KIT-I841V-w KWMAPESIF	353	>KIT-I841V-r KWMAPESVF	305	48
>KIT-I841V-w KWMAPESI	127	>KIT-I841V-r KWMAPESV	2525	2398
>KIT-I841V-w KWMAPESIF	28	>KIT-I841V-r KWMAPESVF	14	14
>KIT-I841V-w KWMAPESIF	69	>KIT-I841V-r KWMAPESVF	70	1
>KIT-I841V-w KWMAPESIF	141	>KIT-I841V-r KWMAPESVF	149	8
>KIT-I841V-w KWMAPESIFI	547	>KIT-I841V-r KWMAPESVF	484	63
>KIT-I841V-w KWMAPESI	39	>KIT-I841V-r KWMAPESV	40	1
>KIT-I841V-w KWMAPESIF	122	>KIT-I841V-r KWMAPESVF	125	3
>KIT-I841V-w KWMAPESIFI	126	>KIT-I841V-r KWMAPESVF	134	8
>KIT-I841V-w VKWMAPESI	3964	>KIT-I841V-r VKWMAPESV	330	3634
>KIT-I841V-w VKWMAPESI	19	>KIT-I841V-r VKWMAPESV	22	3
>KIT-I841V-w VKWMAPESII	2	>KIT-I841V-r VKWMAPESV	2	0
>KIT-I957T-w RINSVGSTA	44	>KIT-I957T-r RTNSVGSTA	353	309
>KIT-I957T-w RINSVGSTA	247	>KIT-I957T-r RTNSVGSTA	1116	869
>KIT-I957T-w RINSVGSTA	719	>KIT-I957T-r RTNSVGSTA	140	579
>KIT-I957T-w RINSVGSTAS!	1417	>KIT-I957T-r RTNSVGSTAS	329	1088
>KIT-I957T-w RINSVGSTA	322	>KIT-I957T-r RTNSVGSTA	10	312
>KIT-I957T-w RINSVGSTAS!	5116	>KIT-I957T-r RTNSVGSTAS	291	4825
>KIT-I957T-w VRINSVGSTA	391	>KIT-I957T-r VRTNSVGSTA	1202	811
>KIT-I957T-w VRINSVGSTA	493	>KIT-I957T-r VRTNSVGSTA	1953	1460
>KIT-I957T-w SVRINSVG	124	>KIT-I957T-r SVRTNSVG	67	57
>KIT-I957T-w SVRINSVGS	87	>KIT-I957T-r SVRTNSVGS	57	30
>KIT-I957T-w SVRINSVGST	115	>KIT-I957T-r SVRTNSVGST	81	34
>KIT-I957T-w SVRINSVGST,	12	>KIT-I957T-r SVRTNSVGST	10	2
>KIT-I957T-w HSVRINSV	1122	>KIT-I957T-r HSVRTNSV	414	708
>KIT-I957T-w HSVRINSV	19	>KIT-I957T-r HSVRTNSV	75	56
>KIT-I957T-w HSVRINSV	370	>KIT-I957T-r HSVRTNSV	258	112
>KIT-I957T-w VVDHSVRINS	236	>KIT-I957T-r VVDHSVRTN!	291	55
>KIT-I957T-w VVDHSVRINS	74	>KIT-I957T-r VVDHSVRTN!	89	15
>KIT-I957T-w VVDHSVRINS	89	>KIT-I957T-r VVDHSVRTN!	140	51
>KIT-I957T-w VVDHSVRINS	387	>KIT-I957T-r VVDHSVRTN!	348	39
>KIT-I957T-w VVDHSVRINS	304	>KIT-I957T-r VVDHSVRTN!	354	50
>KIT-I957T-w VVDHSVRINS	70	>KIT-I957T-r VVDHSVRTN!	84	14
>KIT-K509I-w FKGNNKEQI	7332	>KIT-K509I-r FIGNNKEQI	44	7288
>KIT-K509I-w FKGNNKEQI	20123	>KIT-K509I-r FIGNNKEQI	58	20065

>KIT-K509I-w KTSAYFNFAFI	20670	>KIT-K509I-r KTSAYFNFAFI	177	20493
>KIT-K509I-w KTSAYFNFAFI	5801	>KIT-K509I-r KTSAYFNFAFI	13	5788
>KIT-K509I-w KTSAYFNFAFI	17192	>KIT-K509I-r KTSAYFNFAFI	74	17118
>KIT-K509I-w KTSAYFNFAFI	6255	>KIT-K509I-r KTSAYFNFAFI	11	6244
>KIT-K509I-w KTSAYFNFAFI	29	>KIT-K509I-r KTSAYFNFAFI	7214	7185
>KIT-K509I-w KTSAYFNFAFI	6	>KIT-K509I-r KTSAYFNFAFI	3579	3573
>KIT-K509I-w KTSAYFNFAFI	3	>KIT-K509I-r KTSAYFNFAFI	8	5
>KIT-K509I-w KTSAYFNFAFI	7	>KIT-K509I-r KTSAYFNFAFI	572	565
>KIT-K509I-w KTSAYFNFAFI	12618	>KIT-K509I-r KTSAYFNFAFI	264	12354
>KIT-K509I-w KTSAYFNFAFI	18	>KIT-K509I-r KTSAYFNFAFI	14496	14478
>KIT-K509I-w KTSAYFNFAFI	17407	>KIT-K509I-r KTSAYFNFAFI	30	17377
>KIT-K509I-w KTSAYFNFAFI	9180	>KIT-K509I-r KTSAYFNFAFI	48	9132
>KIT-K509I-w KTSAYFNFAFI	13308	>KIT-K509I-r KTSAYFNFAFI	49	13259
>KIT-K509I-w KTSAYFNFAFI	433	>KIT-K509I-r KTSAYFNFAFI	12	421
>KIT-K509I-w KTSAYFNFAFI	2897	>KIT-K509I-r KTSAYFNFAFI	133	2764
>KIT-K509I-w KTSAYFNFAFI	119	>KIT-K509I-r KTSAYFNFAFI	1221	1102
>KIT-K509I-w KTSAYFNFAFI	145	>KIT-K509I-r KTSAYFNFAFI	14711	14566
>KIT-K509I-w KTSAYFNFAFI	34016	>KIT-K509I-r KTSAYFNFAFI	22	33994
>KIT-K509I-w AFIGNNKEQ	974	>KIT-K509I-r AFIGNNKEQ	208	766
>KIT-K509I-w FAFKGNKEC	318	>KIT-K509I-r FAFKGNKEC	365	47
>KIT-K509I-w FAFKGNKEC	409	>KIT-K509I-r FAFKGNKEC	419	10
>KIT-K509I-w FAFKGNKEC	344	>KIT-K509I-r FAFKGNKEC	260	84
>KIT-K509I-w FAFKGNK	251	>KIT-K509I-r FAFKGNK	238	13
>KIT-K509I-w FAFKGNK	20	>KIT-K509I-r FAFKGNK	17	3
>KIT-K509I-w FAFKGNKEC	95	>KIT-K509I-r FAFKGNKEC	95	0
>KIT-K509I-w FAFKGNKEC	395	>KIT-K509I-r FAFKGNKEC	433	38
>KIT-K509I-w FAFKGNKEC	1202	>KIT-K509I-r FAFKGNKEC	287	915
>KIT-K509I-w FAFKGNKEC	41	>KIT-K509I-r FAFKGNKEC	47	6
>KIT-K509I-w NFAFIGNKK	750	>KIT-K509I-r NFAFIGNKK	77	673
>KIT-K509I-w FNFAFIGNKK	993	>KIT-K509I-r FNFAFIGNKK	210	783
>KIT-K509I-w YFNFAFIGNN	829	>KIT-K509I-r YFNFAFIGNN	479	350
>KIT-K509I-w YFNFAFIGNN	827	>KIT-K509I-r YFNFAFIGNN	454	373
>KIT-K509I-w YFNFAFIGNN	666	>KIT-K509I-r YFNFAFIGNN	186	480
>KIT-K509I-w AYFNFAFK	976	>KIT-K509I-r AYFNFAFK	51	925
>KIT-K509I-w AYFNFAFK	28791	>KIT-K509I-r AYFNFAFK	220	28571
>KIT-K509I-w AYFNFAFK	16933	>KIT-K509I-r AYFNFAFK	229	16704
>KIT-K509I-w AYFNFAFK	17624	>KIT-K509I-r AYFNFAFK	261	17363
>KIT-K509I-w AYFNFAFK	286	>KIT-K509I-r AYFNFAFK	20319	20033
>KIT-K509I-w AYFNFAFK	21	>KIT-K509I-r AYFNFAFK	16609	16588
>KIT-K509I-w AYFNFAFK	1065	>KIT-K509I-r AYFNFAFK	141	924
>KIT-K509I-w AYFNFAFK	3076	>KIT-K509I-r AYFNFAFK	129	2947
>KIT-K509I-w AYFNFAFK	237	>KIT-K509I-r AYFNFAFK	5	232
>KIT-K509I-w AYFNFAFK	7	>KIT-K509I-r AYFNFAFK	56	49



>KIT-K509I-w AYFNFAFK	20	>KIT-K509I-r AYFNFAFI	2547	2527
>KIT-K509I-w AYFNFAFK	10412	>KIT-K509I-r AYFNFAFI	200	10212
>KIT-K509I-w AYFNFAFK	345	>KIT-K509I-r AYFNFAFI	8934	8589
>KIT-K509I-w AYFNFAFK	75	>KIT-K509I-r AYFNFAFI	24530	24455
>KIT-K509I-w AYFNFAFK	81	>KIT-K509I-r AYFNFAFI	824	743
>KIT-K509I-w AYFNFAFK	58	>KIT-K509I-r AYFNFAFI	8375	8317
>KIT-K509I-w AYFNFAFK	3572	>KIT-K509I-r AYFNFAFI	209	3363
>KIT-K509I-w AYFNFAFK	763	>KIT-K509I-r AYFNFAFI	169	594
>KIT-K509I-w SAYFNFAFK	5448	>KIT-K509I-r SAYFNFAFI	6	5442
>KIT-K509I-w SAYFNFAFK	3175	>KIT-K509I-r SAYFNFAFI	54	3121
>KIT-K509I-w SAYFNFAFK	26201	>KIT-K509I-r SAYFNFAFI	313	25888
>KIT-K509I-w SAYFNFAFK	16034	>KIT-K509I-r SAYFNFAFI	353	15681
>KIT-K509I-w SAYFNFAFK	17207	>KIT-K509I-r SAYFNFAFI	153	17054
>KIT-K509I-w SAYFNFAFK	8665	>KIT-K509I-r SAYFNFAFI	69	8596
>KIT-K509I-w SAYFNFAFK	17225	>KIT-K509I-r SAYFNFAFI	134	17091
>KIT-K509I-w SAYFNFAFK	33	>KIT-K509I-r SAYFNFAFI	13259	13226
>KIT-K509I-w SAYFNFAFK	7	>KIT-K509I-r SAYFNFAFI	6736	6729
>KIT-K509I-w SAYFNFAFK	9	>KIT-K509I-r SAYFNFAFI	151	142
>KIT-K509I-w SAYFNFAFK	23	>KIT-K509I-r SAYFNFAFI	5263	5240
>KIT-K509I-w SAYFNFAFK	3	>KIT-K509I-r SAYFNFAFI	1667	1664
>KIT-K509I-w SAYFNFAFK	8471	>KIT-K509I-r SAYFNFAFI	14	8457
>KIT-K509I-w SAYFNFAFK	8131	>KIT-K509I-r SAYFNFAFI	42	8089
>KIT-K509I-w SAYFNFAFK	13690	>KIT-K509I-r SAYFNFAFI	411	13279
>KIT-K509I-w SAYFNFAFK	7510	>KIT-K509I-r SAYFNFAFI	217	7293
>KIT-K509I-w SAYFNFAFK	89	>KIT-K509I-r SAYFNFAFI	1026	937
>KIT-K509I-w SAYFNFAFK	32687	>KIT-K509I-r SAYFNFAFI	18	32669
>KIT-K509I-w TSAYFNFAFK	1029	>KIT-K509I-r TSAYFNFAFI	317	712
>KIT-K509I-w TSAYFNFAFK	30157	>KIT-K509I-r TSAYFNFAFI	313	29844
>KIT-K509I-w TSAYFNFAFK	15	>KIT-K509I-r TSAYFNFAFI	7616	7601
>KIT-K509I-w TSAYFNFAFK	10	>KIT-K509I-r TSAYFNFAFI	22711	22701
>KIT-K509I-w TSAYFNFAFK	69	>KIT-K509I-r TSAYFNFAFI	2057	1988
>KIT-K509I-w TSAYFNFAFK	92	>KIT-K509I-r TSAYFNFAFI	5259	5167
>KIT-K509I-w TSAYFNFAFK	3	>KIT-K509I-r TSAYFNFAFI	3583	3580
>KIT-K509I-w TSAYFNFAFK	6423	>KIT-K509I-r TSAYFNFAFI	11	6412
>KIT-K509I-w TSAYFNFAFK	8677	>KIT-K509I-r TSAYFNFAFI	94	8583
>KIT-K509I-w TSAYFNFAFK	2127	>KIT-K509I-r TSAYFNFAFI	21	2106
>KIT-K509I-w TSAYFNFAFK	4513	>KIT-K509I-r TSAYFNFAFI	181	4332
>KIT-K509I-w TSAYFNFAFK	122	>KIT-K509I-r TSAYFNFAFI	1291	1169
>KIT-K509I-w TSAYFNFAFK	28744	>KIT-K509I-r TSAYFNFAFI	50	28694
>KIT-K550I-w KPMYEVQWV	157	>KIT-K550I-r IPMYEVQWK	903	746
>KIT-K550I-w KPMYEVQWV	136	>KIT-K550I-r IPMYEVQWK	246	110
>KIT-K550I-w KPMYEVQWV	1774	>KIT-K550I-r IPMYEVQWK	186	1588
>KIT-K550I-w KPMYEVQWV	20	>KIT-K550I-r IPMYEVQW	9	11

>KIT-K550I-w KPMYEVQWI	68	>KIT-K550I-r IPMYEVQWK	26	42
>KIT-K550I-w KPMYEVQWI	2437	>KIT-K550I-r IPMYEVQWK	221	2216
>KIT-K550I-w KPMYEVQW	199	>KIT-K550I-r IPMYEVQW	1260	1061
>KIT-K550I-w KPMYEVQW	9	>KIT-K550I-r IPMYEVQW	4	5
>KIT-K550I-w QKPMYEVQV	7919	>KIT-K550I-r QIPMYEVQW	234	7685
>KIT-K550I-w QKPMYEVQV	6217	>KIT-K550I-r QIPMYEVQW	67	6150
>KIT-K550I-w QKPMYEVQV	10452	>KIT-K550I-r QIPMYEVQW	241	10211
>KIT-K550I-w QKPMYEVQV	9151	>KIT-K550I-r QIPMYEVQW	15	9136
>KIT-K550I-w QKPMYEVQV	10571	>KIT-K550I-r QIPMYEVQW	66	10505
>KIT-K550I-w QKPMYEVQV	9791	>KIT-K550I-r QIPMYEVQW	71	9720
>KIT-K550I-w QKPMYEVQV	6829	>KIT-K550I-r QIPMYEVQW	144	6685
>KIT-K550I-w VMILTYKYLQ	4034	>KIT-K550I-r VMILTYKYLQ	62	3972
>KIT-K550I-w VMILTYKYLQ	21948	>KIT-K550I-r VMILTYKYLQ	461	21487
>KIT-K550I-w VMILTYKYLQ	13850	>KIT-K550I-r VMILTYKYLQ	59	13791
>KIT-K550I-w VMILTYKYLQ	11036	>KIT-K550I-r VMILTYKYLQ	33	11003
>KIT-K550I-w VMILTYKYLQ	21829	>KIT-K550I-r VMILTYKYLQ	229	21600
>KIT-K550I-w VMILTYKYLQ	17807	>KIT-K550I-r VMILTYKYLQ	212	17595
>KIT-K550I-w VMILTYKYLQ	10872	>KIT-K550I-r VMILTYKYLQ	84	10788
>KIT-K550I-w VMILTYKYLQ	110	>KIT-K550I-r VMILTYKYLQ	18789	18679
>KIT-K550I-w VMILTYKYLQ	24	>KIT-K550I-r VMILTYKYLQ	18278	18254
>KIT-K550I-w VMILTYKYLQ	3110	>KIT-K550I-r VMILTYKYLQ	380	2730
>KIT-K550I-w VMILTYKYLQ	1865	>KIT-K550I-r VMILTYKYLQ	335	1530
>KIT-K550I-w LQKPMYEV	976	>KIT-K550I-r LQIPMYEV	28	948
>KIT-K550I-w LQKPMYEV	327	>KIT-K550I-r LQIPMYEV	24	303
>KIT-K550I-w LQKPMYEV	48	>KIT-K550I-r LQIPMYEV	27	21
>KIT-K550I-w LQKPMYEV	34	>KIT-K550I-r LQIPMYEV	4	30
>KIT-K550I-w LQKPMYEV	1276	>KIT-K550I-r LQIPMYEV	60	1216
>KIT-K550I-w LQKPMYEV	2105	>KIT-K550I-r LQIPMYEV	55	2050
>KIT-K550I-w LQKPMYEV	7259	>KIT-K550I-r LQIPMYEV	379	6880
>KIT-K550I-w LQKPMYEV	318	>KIT-K550I-r LQIPMYEV	68	250
>KIT-K550I-w LQKPMYEVQ	243	>KIT-K550I-r LQIPMYEVQ\	6865	6622
>KIT-K550I-w LQKPMYEVQ	415	>KIT-K550I-r LQIPMYEVQ\	1805	1390
>KIT-K550I-w LQKPMYEV	403	>KIT-K550I-r LQIPMYEV	393	10
>KIT-K550I-w LQKPMYEVQ	230	>KIT-K550I-r LQIPMYEVQ	226	4
>KIT-K550I-w LQKPMYEVQ	247	>KIT-K550I-r LQIPMYEVQ\	246	1
>KIT-K550I-w LQKPMYEV	155	>KIT-K550I-r LQIPMYEV	96	59
>KIT-K550I-w LQKPMYEVQ	225	>KIT-K550I-r LQIPMYEVQ\	166	59
>KIT-K550I-w LQKPMYEVQ	692	>KIT-K550I-r LQIPMYEVQ\	195	497
>KIT-K550I-w LQKPMYEVQ	1285	>KIT-K550I-r LQIPMYEVQ\	42	1243
>KIT-K550I-w LQKPMYEV	1298	>KIT-K550I-r LQIPMYEV	259	1039
>KIT-K550I-w LQKPMYEVQ	168	>KIT-K550I-r LQIPMYEVQ\	24	144
>KIT-K550I-w LQKPMYEVQ	230	>KIT-K550I-r LQIPMYEVQ\	234	4
>KIT-K550I-w YLQKPMYEV	7	>KIT-K550I-r YLQIPMYEV	8	1

>KIT-K550I-w YLQKPMYEV	5	>KIT-K550I-r YLQIPMYEV	5	0
>KIT-K550I-w YLQKPMYEV	7	>KIT-K550I-r YLQIPMYEV	9	2
>KIT-K550I-w YLQKPMYEV	13	>KIT-K550I-r YLQIPMYEV	27	14
>KIT-K550I-w YLQKPMYEV	1	>KIT-K550I-r YLQIPMYEV	1	0
>KIT-K550I-w YLQKPMYEV	2	>KIT-K550I-r YLQIPMYEV	3	1
>KIT-K550I-w YLQKPMYEV	6	>KIT-K550I-r YLQIPMYEV	6	0
>KIT-K550I-w YLQKPMYEV	3	>KIT-K550I-r YLQIPMYEV	5	2
>KIT-K550I-w YLQKPMYEV	2	>KIT-K550I-r YLQIPMYEV	2	0
>KIT-K550I-w YLQKPMYEV(	77	>KIT-K550I-r YLQIPMYEVC	61	16
>KIT-K550I-w YLQKPMYEV	93	>KIT-K550I-r YLQIPMYEV	98	5
>KIT-K550I-w YLQKPMYEV	55	>KIT-K550I-r YLQIPMYEV	68	13
>KIT-K550I-w YLQKPMYEV(	124	>KIT-K550I-r YLQIPMYEVC	65	59
>KIT-K550I-w KYLQKPMYEV	100	>KIT-K550I-r KYLQIPMYEV	54	46
>KIT-K550I-w KYLQKPMYEV	307	>KIT-K550I-r KYLQIPMYEV	135	172
>KIT-K550I-w KYLQKPMY	159	>KIT-K550I-r KYLQIPMY	42	117
>KIT-K550I-w KYLQKPMYEV	582	>KIT-K550I-r KYLQIPMYE	249	333
>KIT-K550I-w KYLQKPMYEV	28	>KIT-K550I-r KYLQIPMYEV	19	9
>KIT-K550I-w KYLQKPMYEV	360	>KIT-K550I-r KYLQIPMYEV	220	140
>KIT-K550I-w KYLQKPMY	89	>KIT-K550I-r KYLQIPMY	35	54
>KIT-K550I-w KYLQKPMYEV	471	>KIT-K550I-r KYLQIPMYEV	527	56
>KIT-K550I-w KYLQKPMY	93	>KIT-K550I-r KYLQIPMY	48	45
>KIT-K550I-w KYLQKPMYEV	1099	>KIT-K550I-r KYLQIPMYEV	454	645
>KIT-K550I-w KYLQKPMY	160	>KIT-K550I-r KYLQIPMY	45	115
>KIT-K550I-w KYLQKPMYEV	82	>KIT-K550I-r KYLQIPMYE	44	38
>KIT-K550I-w KYLQKPMYEV	121	>KIT-K550I-r KYLQIPMYEV	79	42
>KIT-K550I-w KYLQKPMYEV	652	>KIT-K550I-r KYLQIPMYEV	304	348
>KIT-K550I-w KYLQKPMYEV	331	>KIT-K550I-r KYLQIPMYE	135	196
>KIT-K550I-w KYLQKPMYEV	56	>KIT-K550I-r KYLQIPMYEV	67	11
>KIT-K550I-w KYLQKPMYEV	391	>KIT-K550I-r KYLQIPMYEV	221	170
>KIT-K550I-w YKYLQKPMYEV	499	>KIT-K550I-r YKYLQIPMYE	630	131
>KIT-K550I-w YKYLQKPMYEV	447	>KIT-K550I-r YKYLQIPMYE	83	364
>KIT-K550I-w YKYLQKPMYEV	121	>KIT-K550I-r YKYLQIPMYE	36	85
>KIT-K550I-w YKYLQKPMYEV	356	>KIT-K550I-r YKYLQIPMYE	132	224
>KIT-K550I-w YKYLQKPMYEV	365	>KIT-K550I-r YKYLQIPMYE	135	230
>KIT-K550I-w YKYLQKPMY	153	>KIT-K550I-r YKYLQIPMY	71	82
>KIT-K550I-w YKYLQKPM	8	>KIT-K550I-r YKYLQIPM	6	2
>KIT-K550I-w YKYLQKPMY	9	>KIT-K550I-r YKYLQIPMY	6	3
>KIT-K550I-w YKYLQKPMYEV	39	>KIT-K550I-r YKYLQIPMYE	28	11
>KIT-K550I-w YKYLQKPM	1148	>KIT-K550I-r YKYLQIPM	493	655
>KIT-K550I-w YKYLQKPM	633	>KIT-K550I-r YKYLQIPM	113	520
>KIT-K550I-w TYKYLQKPM	498	>KIT-K550I-r TYKYLQIPM	802	304
>KIT-K550I-w TYKYLQKPM\	100	>KIT-K550I-r TYKYLQIPMY	123	23
>KIT-K550I-w TYKYLQKPM	711	>KIT-K550I-r TYKYLQIPM	89	622

>KIT-K550I-w TYKYLQKPM\	348	>KIT-K550I-r TYKYLQIPMY	80	268
>KIT-K550I-w LTYKYLQK	1428	>KIT-K550I-r LTYKYLQI	19	1409
>KIT-K550I-w LTYKYLQKPM	695	>KIT-K550I-r LTYKYLQIPM'	393	302
>KIT-K550I-w LTYKYLQK	20159	>KIT-K550I-r LTYKYLQI	467	19692
>KIT-K550I-w LTYKYLQK	18147	>KIT-K550I-r LTYKYLQI	172	17975
>KIT-K550I-w LTYKYLQK	19197	>KIT-K550I-r LTYKYLQI	344	18853
>KIT-K550I-w LTYKYLQK	14702	>KIT-K550I-r LTYKYLQI	93	14609
>KIT-K550I-w LTYKYLQK	38	>KIT-K550I-r LTYKYLQI	13539	13501
>KIT-K550I-w LTYKYLQKPM	422	>KIT-K550I-r LTYKYLQIPM'	300	122
>KIT-K550I-w LTYKYLQK	15	>KIT-K550I-r LTYKYLQI	14756	14741
>KIT-K550I-w LTYKYLQKPM	765	>KIT-K550I-r LTYKYLQIPM'	450	315
>KIT-K550I-w LTYKYLQKPM	559	>KIT-K550I-r LTYKYLQIPM'	165	394
>KIT-K550I-w LTYKYLQKPM	117	>KIT-K550I-r LTYKYLQIPM	77	40
>KIT-K550I-w LTYKYLQKPM	73	>KIT-K550I-r LTYKYLQIPM'	15	58
>KIT-K550I-w LTYKYLQKPM	1329	>KIT-K550I-r LTYKYLQIPM	453	876
>KIT-K550I-w LTYKYLQKPM	29	>KIT-K550I-r LTYKYLQIPM'	27	2
>KIT-K550I-w LTYKYLQK	36	>KIT-K550I-r LTYKYLQI	1094	1058
>KIT-K550I-w LTYKYLQKPM	74	>KIT-K550I-r LTYKYLQIPM'	66	8
>KIT-K550I-w LTYKYLQK	200	>KIT-K550I-r LTYKYLQI	9840	9640
>KIT-K550I-w LTYKYLQK	39	>KIT-K550I-r LTYKYLQI	15391	15352
>KIT-K550I-w LTYKYLQKPM	612	>KIT-K550I-r LTYKYLQIPM'	434	178
>KIT-K550I-w LTYKYLQK	12561	>KIT-K550I-r LTYKYLQI	148	12413
>KIT-K550I-w LTYKYLQKPM	522	>KIT-K550I-r LTYKYLQIPM	149	373
>KIT-K550I-w LTYKYLQKPM	607	>KIT-K550I-r LTYKYLQIPM'	287	320
>KIT-K550I-w LTYKYLQKPM	198	>KIT-K550I-r LTYKYLQIPM	119	79
>KIT-K550I-w LTYKYLQKPM	149	>KIT-K550I-r LTYKYLQIPM'	84	65
>KIT-K550I-w LTYKYLQKPM	59	>KIT-K550I-r LTYKYLQIPM	54	5
>KIT-K550I-w LTYKYLQKPM	95	>KIT-K550I-r LTYKYLQIPM'	54	41
>KIT-K550I-w LTYKYLQK	2993	>KIT-K550I-r LTYKYLQI	14	2979
>KIT-K550I-w LTYKYLQKPM	6	>KIT-K550I-r LTYKYLQIPM	7	1
>KIT-K550I-w LTYKYLQKPM	4	>KIT-K550I-r LTYKYLQIPM'	4	0
>KIT-K550I-w LTYKYLQK	16710	>KIT-K550I-r LTYKYLQI	115	16595
>KIT-K550I-w LTYKYLQKPM	867	>KIT-K550I-r LTYKYLQIPM	218	649
>KIT-K550I-w LTYKYLQKPM	576	>KIT-K550I-r LTYKYLQIPM'	260	316
>KIT-K550I-w LTYKYLQKPM	488	>KIT-K550I-r LTYKYLQIPM	206	282
>KIT-K550I-w LTYKYLQKPM	37	>KIT-K550I-r LTYKYLQIPM	24	13
>KIT-K550I-w LTYKYLQKPM	6	>KIT-K550I-r LTYKYLQIPM'	7	1
>KIT-K550I-w LTYKYLQK	247	>KIT-K550I-r LTYKYLQI	3120	2873
>KIT-K550I-w LTYKYLQK	26609	>KIT-K550I-r LTYKYLQI	9	26600
>KIT-K550I-w ILTYKYLQKPM	554	>KIT-K550I-r ILTYKYLQIPM	371	183
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>KIT-K550I-w ILTYKYLQK	15773	>KIT-K550I-r ILTYKYLQI	102	15671
>KIT-K550I-w ILTYKYLQK	20066	>KIT-K550I-r ILTYKYLQI	377	19689

>KIT-K550I-w ILTYKYLQK	9554	>KIT-K550I-r ILTYKYLQI	46	9508
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>KIT-K550I-w MILTYKYLQK	11637	>KIT-K550I-r MILTYKYLQI	371	11266
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>KIT-K550I-w MILTYKYLQK	11187	>KIT-K550I-r MILTYKYLQI	136	11051
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>KIT-K550I-w MILTYKYLQK	16180	>KIT-K550I-r MILTYKYLQI	252	15928
>KIT-K550I-w MILTYKYLQK	18	>KIT-K550I-r MILTYKYLQI	4136	4118
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>KIT-K550I-w MILTYKYLQK	32	>KIT-K550I-r MILTYKYLQI	643	611
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>KIT-K550I-w MILTYKYLQK	12974	>KIT-K550I-r MILTYKYLQI	96	12878
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>KIT-K550N-1 KPMYEVQWI	68	>KIT-K550N-1 NPMYEVQWI	44	24
>KIT-K550N-1 KPMYEVQW	199	>KIT-K550N-1 NPMYEVQW	12142	11943
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>KIT-K550N-1 VMILTYKYLQ	110	>KIT-K550N-1 VMILTYKYLQ	18088	17978
>KIT-K550N-1 VMILTYKYLQ	24	>KIT-K550N-1 VMILTYKYLQ	18042	18018
>KIT-K550N-1 LQKPMYEV	976	>KIT-K550N-1 LQNPMYEV	90	886
>KIT-K550N-1 LQKPMYEV	327	>KIT-K550N-1 LQNPMYEV	30	297
>KIT-K550N-1 LQKPMYEV	48	>KIT-K550N-1 LQNPMYEV	25	23
>KIT-K550N-1 LQKPMYEV	34	>KIT-K550N-1 LQNPMYEV	10	24
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>KIT-K550N-1 LQKPMYEVQ	168	>KIT-K550N-1 LQNPMYEVQ	30	138
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>KIT-K550N-1 YLQKPMYEV	7	>KIT-K550N-1 YLQNPMYEV	5	2
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>KIT-K550N-1 KYLQKPMY	160	>KIT-K550N-1 KYLQNPMY	137	23
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>KIT-K550N-1 KYLQKPMYEV	121	>KIT-K550N-1 KYLQNPMYEV	99	22
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>KIT-K550N-1 YKYLQKPMYEV	121	>KIT-K550N-1 YKYLQNPMYEV	90	31
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>KIT-K550N-1 YKYLQKPMY	9	>KIT-K550N-1 YKYLQNPMY	7	2
>KIT-K550N-1 YKYLQKPMYEV	39	>KIT-K550N-1 YKYLQNPMYEV	26	13
>KIT-K550N-1 YKYLQKPM	633	>KIT-K550N-1 YKYLQNPM	125	508
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>KIT-K550N-1 TYKYLQKPM	711	>KIT-K550N-1 TYKYLQNP	252	459
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>KIT-K550N-1 LTYKYLQKPM	695	>KIT-K550N-1 LTYKYLQNP	259	436
>KIT-K550N-1 LTYKYLQK	38	>KIT-K550N-1 LTYKYLQN	13148	13110
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>KIT-K550N-1 LTYKYLQKPM	559	>KIT-K550N-1 LTYKYLQNP	394	165
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>KIT-K550N-1 LTYKYLQKPM	1329	>KIT-K550N-1 LTYKYLQNP	188	1141
>KIT-K550N-1 LTYKYLQKPM	29	>KIT-K550N-1 LTYKYLQNP	23	6
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>KIT-K550N-1 LTYKYLQKPM	74	>KIT-K550N-1 LTYKYLQNP	62	12
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>KIT-K550N-1 LTYKYLQKPM	612	>KIT-K550N-1 LTYKYLQNP	408	204
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>KIT-K550N-1 LTYKYLQKPM	149	>KIT-K550N-1 LTYKYLQNP	86	63
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>KIT-K550N-1 LTYKYLQKPM	95	>KIT-K550N-1 LTYKYLQNP	47	48
>KIT-K550N-1 LTYKYLQKPM	6	>KIT-K550N-1 LTYKYLQNP	10	4
>KIT-K550N-1 LTYKYLQKPM	4	>KIT-K550N-1 LTYKYLQNP	4	0
>KIT-K550N-1 LTYKYLQKPM	867	>KIT-K550N-1 LTYKYLQNP	457	410
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>KIT-K550N-1 LTYKYLQKPM	37	>KIT-K550N-1 LTYKYLQNP	32	5
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>KIT-K550N-1 LTYKYLQK	247	>KIT-K550N-1 LTYKYLQN	4703	4456
>KIT-K550N-1 ILTYKYLQKPM	554	>KIT-K550N-1 ILTYKYLQNP	273	281
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>KIT-K550N-1 MILTYKYLQK	18	>KIT-K550N-1 MILTYKYLQN	24961	24943
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>KIT-K550N-1 MILTYKYLQK	209	>KIT-K550N-1 MILTYKYLQN	8721	8512
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>KIT-K550N-1 MILTYKYLQK	260	>KIT-K550N-1 MILTYKYLQN	11544	11284
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>KIT-K550R-v KPMYEVQWf	157	>KIT-K550R-r RPMYEVQWf	75	82
>KIT-K550R-v KPMYEVQWf	136	>KIT-K550R-r RPMYEVQWf	48	88
>KIT-K550R-v KPMYEVQW	20	>KIT-K550R-r RPMYEVQW	50	30
>KIT-K550R-v KPMYEVQWf	68	>KIT-K550R-r RPMYEVQWf	49	19
>KIT-K550R-v KPMYEVQW	199	>KIT-K550R-r RPMYEVQW	267	68
>KIT-K550R-v KPMYEVQW	9	>KIT-K550R-r RPMYEVQW	12	3
>KIT-K550R-v VMILTYKYLQ	110	>KIT-K550R-r VMILTYKYLQ	1693	1583
>KIT-K550R-v VMILTYKYLQ	24	>KIT-K550R-r VMILTYKYLQ	441	417
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>KIT-K550R-v LQKPMYEVQ	243	>KIT-K550R-r LQRPMYEVQ	44	199
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>KIT-K550R-v LQKPMYEVQ	692	>KIT-K550R-r LQRPMYEVQ	156	536
>KIT-K550R-v LQKPMYEVQ	168	>KIT-K550R-r LQRPMYEVQ	228	60
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>KIT-K550R-v YLQKPMYEV	7	>KIT-K550R-r YLQRPMYEV	7	0
>KIT-K550R-v YLQKPMYEV	13	>KIT-K550R-r YLQRPMYEV	14	1
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>KIT-K550R-v YLQKPMYEV	6	>KIT-K550R-r YLQRPMYEV	7	1
>KIT-K550R-v YLQKPMYEV	3	>KIT-K550R-r YLQRPMYEV	3	0
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>KIT-K550R-v YLQKPMYEV(	77	>KIT-K550R-r YLQRPMYEV(	42	35
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>KIT-K550R-v YLQKPMYEV	55	>KIT-K550R-r YLQRPMYEV	69	14
>KIT-K550R-v YLQKPMYEV(	124	>KIT-K550R-r YLQRPMYEV(	231	107
>KIT-K550R-v YLQKPMYEV(	721	>KIT-K550R-r YLQRPMYEV(	231	490
>KIT-K550R-v KYLQKPMYEV	100	>KIT-K550R-r KYLQRPMYEV	115	15
>KIT-K550R-v KYLQKPMYEV	307	>KIT-K550R-r KYLQRPMYEV	347	40
>KIT-K550R-v KYLQKPMY	159	>KIT-K550R-r KYLQRPMY	107	52
>KIT-K550R-v KYLQKPMYEV	28	>KIT-K550R-r KYLQRPMYEV	27	1



>KIT-K550R-v KYLQKPMYE\	360	>KIT-K550R-r KYLQRPMYE\	331	29
>KIT-K550R-v KYLQKPMY	89	>KIT-K550R-r KYLQRPMY	73	16
>KIT-K550R-v KYLQKPMY	846	>KIT-K550R-r KYLQRPMY	287	559
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>KIT-K550R-v KYLQKPMY	93	>KIT-K550R-r KYLQRPMY	88	5
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>KIT-K550R-v KYLQKPMYE	82	>KIT-K550R-r KYLQRPMYE	63	19
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>KIT-K550R-v KYLQKPMYE	331	>KIT-K550R-r KYLQRPMYE	257	74
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>KIT-K550R-v YKYLQKPMYE	499	>KIT-K550R-r YKYLQRPMYE	572	73
>KIT-K550R-v YKYLQKPMYE	447	>KIT-K550R-r YKYLQRPMYE	413	34
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>KIT-K550R-v YKYLQKPMYE	365	>KIT-K550R-r YKYLQRPMYE	280	85
>KIT-K550R-v YKYLQKPMY	153	>KIT-K550R-r YKYLQRPMY	89	64
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>KIT-K550R-v YKYLQKPMY	9	>KIT-K550R-r YKYLQRPMY	5	4
>KIT-K550R-v YKYLQKPMYE	39	>KIT-K550R-r YKYLQRPMYE	24	15
>KIT-K550R-v YKYLQKPM	633	>KIT-K550R-r YKYLQRPM	499	134
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>KIT-K550R-v TYKYLQKPM\	100	>KIT-K550R-r TYKYLQRPM\	99	1
>KIT-K550R-v TYKYLQKPM	711	>KIT-K550R-r TYKYLQRPM	371	340
>KIT-K550R-v TYKYLQKPM\	1411	>KIT-K550R-r TYKYLQRPM\	463	948
>KIT-K550R-v TYKYLQKPM\	348	>KIT-K550R-r TYKYLQRPM\	288	60
>KIT-K550R-v LTYKYLQK	1428	>KIT-K550R-r LTYKYLQR	462	966
>KIT-K550R-v LTYKYLQKP	2226	>KIT-K550R-r LTYKYLQRP	477	1749
>KIT-K550R-v LTYKYLQKPM	695	>KIT-K550R-r LTYKYLQRPM	390	305
>KIT-K550R-v LTYKYLQK	38	>KIT-K550R-r LTYKYLQR	217	179
>KIT-K550R-v LTYKYLQKPM	422	>KIT-K550R-r LTYKYLQRPM	299	123
>KIT-K550R-v LTYKYLQK	15	>KIT-K550R-r LTYKYLQR	108	93
>KIT-K550R-v LTYKYLQKPM	559	>KIT-K550R-r LTYKYLQRPM	395	164
>KIT-K550R-v LTYKYLQKPM	117	>KIT-K550R-r LTYKYLQRPM	94	23
>KIT-K550R-v LTYKYLQKPM	73	>KIT-K550R-r LTYKYLQRPM	46	27
>KIT-K550R-v LTYKYLQKPM	29	>KIT-K550R-r LTYKYLQRPM	23	6
>KIT-K550R-v LTYKYLQK	36	>KIT-K550R-r LTYKYLQR	3789	3753
>KIT-K550R-v LTYKYLQKPM	74	>KIT-K550R-r LTYKYLQRPM	53	21
>KIT-K550R-v LTYKYLQK	200	>KIT-K550R-r LTYKYLQR	16	184
>KIT-K550R-v LTYKYLQK	3826	>KIT-K550R-r LTYKYLQR	179	3647
>KIT-K550R-v LTYKYLQK	39	>KIT-K550R-r LTYKYLQR	18	21

>KIT-K550R-v LTYKYLQKPM	612	>KIT-K550R-r LTYKYLQRPM	423	189
>KIT-K550R-v LTYKYLQKPM	522	>KIT-K550R-r LTYKYLQRPM	454	68
>KIT-K550R-v LTYKYLQKPM	607	>KIT-K550R-r LTYKYLQRPM	493	114
>KIT-K550R-v LTYKYLQKPM	198	>KIT-K550R-r LTYKYLQRPM	130	68
>KIT-K550R-v LTYKYLQKPM	149	>KIT-K550R-r LTYKYLQRPM	104	45
>KIT-K550R-v LTYKYLQKPM	59	>KIT-K550R-r LTYKYLQRPM	103	44
>KIT-K550R-v LTYKYLQKPM	95	>KIT-K550R-r LTYKYLQRPM	62	33
>KIT-K550R-v LTYKYLQKPM	6	>KIT-K550R-r LTYKYLQRPM	7	1
>KIT-K550R-v LTYKYLQKPM	4	>KIT-K550R-r LTYKYLQRPM	4	0
>KIT-K550R-v LTYKYLQKPM	626	>KIT-K550R-r LTYKYLQRPM	466	160
>KIT-K550R-v LTYKYLQKPM	576	>KIT-K550R-r LTYKYLQRPM	471	105
>KIT-K550R-v LTYKYLQKPM	488	>KIT-K550R-r LTYKYLQRPM	371	117
>KIT-K550R-v LTYKYLQKPM	37	>KIT-K550R-r LTYKYLQRPM	40	3
>KIT-K550R-v LTYKYLQKPM	6	>KIT-K550R-r LTYKYLQRPM	6	0
>KIT-K550R-v LTYKYLQK	247	>KIT-K550R-r LTYKYLQR	337	90
>KIT-K550R-v LTYKYLQK	4627	>KIT-K550R-r LTYKYLQR	369	4258
>KIT-K550R-v ILTYKYLQKPM	554	>KIT-K550R-r ILTYKYLQRPM	494	60
>KIT-K550R-v ILTYKYLQK	60	>KIT-K550R-r ILTYKYLQR	711	651
>KIT-K550R-v ILTYKYLQK	94	>KIT-K550R-r ILTYKYLQR	2864	2770
>KIT-K550R-v ILTYKYLQK	1906	>KIT-K550R-r ILTYKYLQR	72	1834
>KIT-K550R-v ILTYKYLQK	5142	>KIT-K550R-r ILTYKYLQR	201	4941
>KIT-K550R-v ILTYKYLQK	1309	>KIT-K550R-r ILTYKYLQR	298	1011
>KIT-K550R-v ILTYKYLQK	8672	>KIT-K550R-r ILTYKYLQR	355	8317
>KIT-K550R-v MILTYKYLQK	18	>KIT-K550R-r MILTYKYLQR	161	143
>KIT-K550R-v MILTYKYLQK	18	>KIT-K550R-r MILTYKYLQR	133	115
>KIT-K550R-v MILTYKYLQK	32	>KIT-K550R-r MILTYKYLQR	2258	2226
>KIT-K550R-v MILTYKYLQK	209	>KIT-K550R-r MILTYKYLQR	15	194
>KIT-K550R-v MILTYKYLQK	1994	>KIT-K550R-r MILTYKYLQR	127	1867
>KIT-K550R-v MILTYKYLQK	161	>KIT-K550R-r MILTYKYLQR	49	112
>KIT-K550R-v MILTYKYLQK	260	>KIT-K550R-r MILTYKYLQR	40	220
>KIT-K558E-v KVVEEINGNN	2548	>KIT-K558E-r EVVEEINGNN	102	2446
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>KIT-K558E-v KVVEEINGNN	1519	>KIT-K558E-r EVVEEINGNN	8	1511
>KIT-K558E-v KVVEEINGN	9526	>KIT-K558E-r EVVEEINGN	146	9380
>KIT-K558E-v KVVEEINGNN	13843	>KIT-K558E-r EVVEEINGNN	362	13481
>KIT-K558E-v KVVEEINGNN	31	>KIT-K558E-r EVVEEINGNN	2	29
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>KIT-K558E-v KVVEEINGNN	114	>KIT-K558E-r EVVEEINGNN	1792	1678
>KIT-K558E-v KVVEEINGNN	11760	>KIT-K558E-r EVVEEINGNN	255	11505
>KIT-K558E-v KVVEEINGNN	114	>KIT-K558E-r EVVEEINGNN	4757	4643
>KIT-K558E-v KVVEEINGNN	100	>KIT-K558E-r EVVEEINGNN	2986	2886
>KIT-K558E-v KVVEEINGNN	3442	>KIT-K558E-r EVVEEINGNN	265	3177
>KIT-K558E-v LQKPMYEVQ	243	>KIT-K558E-r LQKPMYEVQ	15024	14781

>KIT-K558E-v LQKPMYEVQ	415	>KIT-K558E-r LQKPMYEVQ	15369	14954
>KIT-K558E-v QWKVVEEI	577	>KIT-K558E-r QWEVVEEI	403	174
>KIT-K558E-v VQWKVVEEI	154	>KIT-K558E-r VQWEVVEEI	103	51
>KIT-K558E-v VQWKVVEEI	91	>KIT-K558E-r VQWEVVEEI	20	71
>KIT-K558E-v VQWKVVEEI	531	>KIT-K558E-r VQWEVVEEI	182	349
>KIT-K558E-v VQWKVVEEI	43	>KIT-K558E-r VQWEVVEEI	9	34
>KIT-K558E-v VQWKVVEEI	17	>KIT-K558E-r VQWEVVEEI	4	13
>KIT-K558E-v VQWKVVEEI	1073	>KIT-K558E-r VQWEVVEEI	74	999
>KIT-K558E-v VQWKVVEEI	75	>KIT-K558E-r VQWEVVEEI	21	54
>KIT-K558E-v VQWKVVEEI	1557	>KIT-K558E-r VQWEVVEEI	161	1396
>KIT-K558E-v VQWKVVEEI	468	>KIT-K558E-r VQWEVVEEI	224	244
>KIT-K558E-v VQWKVVEEI	57	>KIT-K558E-r VQWEVVEEI	87	30
>KIT-K558E-v VQWKVVEEI	587	>KIT-K558E-r VQWEVVEEI	374	213
>KIT-K558E-v EVQWKVVEE	147	>KIT-K558E-r EVQWEVVEE	64	83
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>KIT-K558E-v YEYQWKVVE	11	>KIT-K558E-r YEYQWEVVE	17	6
>KIT-K558E-v YEYQWKVV	1283	>KIT-K558E-r YEYQWEVV	355	928
>KIT-K558E-v YEYQWKVV	373	>KIT-K558E-r YEYQWEVV	693	320
>KIT-K558E-v YEYQWKVVE	343	>KIT-K558E-r YEYQWEVVE	533	190
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>KIT-K558E-v YEYQWKVVE	59	>KIT-K558E-r YEYQWEVVE	60	1
>KIT-K558E-v YEYQWKVV	169	>KIT-K558E-r YEYQWEVV	161	8
>KIT-K558E-v YEYQWKVVE	176	>KIT-K558E-r YEYQWEVVE	146	30
>KIT-K558E-v YEYQWKVV	749	>KIT-K558E-r YEYQWEVV	420	329
>KIT-K558E-v YEYQWKVV	1044	>KIT-K558E-r YEYQWEVV	416	628
>KIT-K558E-v YEYQWKVVE	3	>KIT-K558E-r YEYQWEVVE	3	0
>KIT-K558E-v MYEVQWKV	652	>KIT-K558E-r MYEVQWEV	288	364
>KIT-K558E-v MYEVQWKV	246	>KIT-K558E-r MYEVQWEV	110	136
>KIT-K558E-v MYEVQWKV	488	>KIT-K558E-r MYEVQWEV	415	73
>KIT-K558E-v PMYEVQWK\	17	>KIT-K558E-r PMYEVQWE\	10	7
>KIT-K558E-v PMYEVQWK\	18	>KIT-K558E-r PMYEVQWE\	8	10
>KIT-K558E-v PMYEVQWK\	48	>KIT-K558E-r PMYEVQWE\	26	22
>KIT-K558E-v PMYEVQWK\	33	>KIT-K558E-r PMYEVQWE\	13	20
>KIT-K558E-v PMYEVQWK\	1	>KIT-K558E-r PMYEVQWE\	1	0
>KIT-K558E-v PMYEVQWK\	4	>KIT-K558E-r PMYEVQWE\	2	2
>KIT-K558E-v PMYEVQWK\	5	>KIT-K558E-r PMYEVQWE\	4	1
>KIT-K558E-v PMYEVQWK\	97	>KIT-K558E-r PMYEVQWE\	43	54
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>KIT-K558E-v PMYEVQWK\	11	>KIT-K558E-r PMYEVQWE\	7	4
>KIT-K558E-v PMYEVQWK\	3	>KIT-K558E-r PMYEVQWE\	2	1
>KIT-K558E-v PMYEVQWK\	54	>KIT-K558E-r PMYEVQWE\	12	42
>KIT-K558E-v PMYEVQWK\	2	>KIT-K558E-r PMYEVQWE\	2	0
>KIT-K558E-v PMYEVQWK\	10	>KIT-K558E-r PMYEVQWE\	8	2

>KIT-K558E-v PMYEVQWK	129	>KIT-K558E-r PMYEVQWE	19897	19768
>KIT-K558E-v PMYEVQWK\	145	>KIT-K558E-r PMYEVQWE\	100	45
>KIT-K558E-v KPMYEVQWf	157	>KIT-K558E-r KPMYEVQWf	172	15
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>KIT-K558E-v KPMYEVQWf	68	>KIT-K558E-r KPMYEVQWf	60	8
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>KIT-K558N-1 KVVVEINGNN	31	>KIT-K558N-f NVVVEINGNN	17	14
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>KIT-K558N-1 KVVVEINGNN	114	>KIT-K558N-f NVVVEINGNN	1266	1152
>KIT-K558N-1 KVVVEINGNN	114	>KIT-K558N-f NVVVEINGNN	1122	1008
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>KIT-K558N-1 LQKPMYEVQ	243	>KIT-K558N-f LQKPMYEVQ	13646	13403
>KIT-K558N-1 LQKPMYEVQ	415	>KIT-K558N-f LQKPMYEVQ	17073	16658
>KIT-K558N-1 VQWKVVEEI	154	>KIT-K558N-f VQWNVVEEI	159	5
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>KIT-K558N-1 VQWKVVEEI	43	>KIT-K558N-f VQWNVVEEI	29	14
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>KIT-K558N-1 VQWKVVEEI	1073	>KIT-K558N-f VQWNVVEEI	273	800
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>KIT-K558N-1 VQWKVVEEI	57	>KIT-K558N-f VQWNVVEEI	40	17
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>KIT-K558N-1 EVQWKVVEE	766	>KIT-K558N-f EVQWNVVEE	425	341
>KIT-K558N-1 EVQWKVVEE	147	>KIT-K558N-f EVQWNVVEE	48	99
>KIT-K558N-1 YEVQWKVV	10	>KIT-K558N-f YEVQWNVV	20	10
>KIT-K558N-1 YEVQWKVVE	11	>KIT-K558N-f YEVQWNVVE	21	10
>KIT-K558N-1 YEVQWKVV	1283	>KIT-K558N-f YEVQWNVV	253	1030
>KIT-K558N-1 YEVQWKVVE	964	>KIT-K558N-f YEVQWNVVE	424	540
>KIT-K558N-1 YEVQWKVV	373	>KIT-K558N-f YEVQWNVV	565	192
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>KIT-K558N-1 YEVQWKVV	921	>KIT-K558N-f YEVQWNVV	198	723
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>KIT-K558N-1 YEVQWKVVE	59	>KIT-K558N-f YEVQWNVVE	43	16
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>KIT-K558N-1 YEVQWKVV	1044	>KIT-K558N-f YEVQWNVV	294	750
>KIT-K558N-1 YEVQWKVVE	1020	>KIT-K558N-f YEVQWNVVE	479	541
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>KIT-K558N-1 MYEVQWKV	246	>KIT-K558N-f MYEVQWNV	265	19
>KIT-K558N-1 MYEVQWKV	488	>KIT-K558N-f MYEVQWNV	489	1
>KIT-K558N-1 PMYEVQWK\	17	>KIT-K558N-f PMYEVQWN'	14	3
>KIT-K558N-1 PMYEVQWK\	18	>KIT-K558N-f PMYEVQWN'	12	6

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>KIT-K558N-1 PMYEVQWK\	33	>KIT-K558N-1 PMYEVQWN'	23	10
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>KIT-K558N-1 PMYEVQWK\	4	>KIT-K558N-1 PMYEVQWN'	3	1
>KIT-K558N-1 PMYEVQWK\	5	>KIT-K558N-1 PMYEVQWN'	4	1
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>KIT-K558N-1 PMYEVQWK\	3	>KIT-K558N-1 PMYEVQWN'	2	1
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>KIT-K558N-1 PMYEVQWK\	10	>KIT-K558N-1 PMYEVQWN'	8	2
>KIT-K558N-1 PMYEVQWK	129	>KIT-K558N-1 PMYEVQWN	19477	19348
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>KIT-K558N-1 KPMYEVQW\	68	>KIT-K558N-1 KPMYEVQW\	88	20
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>KIT-K558Q-1 LQKPMYEVQ	243	>KIT-K558Q-1 LQKPMYEVQ	10356	10113
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>KIT-K558Q-1 QWKVVEEI	611	>KIT-K558Q-1 QWQVVEEI	90	521
>KIT-K558Q-1 QWKVVEEI	577	>KIT-K558Q-1 QWQVVEEI	276	301
>KIT-K558Q-1 VQWKVVEEI	154	>KIT-K558Q-1 VQWQVVEEI	100	54
>KIT-K558Q-1 VQWKVVEEI	91	>KIT-K558Q-1 VQWQVVEEI	89	2
>KIT-K558Q-1 VQWKVVEEI	43	>KIT-K558Q-1 VQWQVVEEI	40	3
>KIT-K558Q-1 VQWKVVEEI	17	>KIT-K558Q-1 VQWQVVEEI	11	6
>KIT-K558Q-1 VQWKVVEEI	75	>KIT-K558Q-1 VQWQVVEEI	62	13
>KIT-K558Q-1 VQWKVVEEI	468	>KIT-K558Q-1 VQWQVVEEI	261	207
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>KIT-K558Q-1 EVQWKVVEE	518	>KIT-K558Q-1 EVQWQVVEE	436	82
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>KIT-K558Q-1YEVQWKVV	373	>KIT-K558Q-iYEVQWQVV	299	74
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>KIT-K558Q-1YEVQWKVV	169	>KIT-K558Q-iYEVQWQVV	85	84
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>KIT-K558Q-1MYEVQWKV	246	>KIT-K558Q-iMYEVQWQV	141	105
>KIT-K558Q-1MYEVQWKV	488	>KIT-K558Q-iMYEVQWQV	509	21
>KIT-K558Q-1PMYEVQWK\	17	>KIT-K558Q-iPMYEVQWQ'	14	3
>KIT-K558Q-1PMYEVQWK\	18	>KIT-K558Q-iPMYEVQWQ'	12	6
>KIT-K558Q-1PMYEVQWK\	48	>KIT-K558Q-iPMYEVQWQ'	28	20
>KIT-K558Q-1PMYEVQWK\	33	>KIT-K558Q-iPMYEVQWQ'	24	9
>KIT-K558Q-1PMYEVQWK	510	>KIT-K558Q-iPMYEVQWQ	142	368
>KIT-K558Q-1PMYEVQWK\	1	>KIT-K558Q-iPMYEVQWQ'	1	0
>KIT-K558Q-1PMYEVQWK\	4	>KIT-K558Q-iPMYEVQWQ'	2	2
>KIT-K558Q-1PMYEVQWK\	5	>KIT-K558Q-iPMYEVQWQ'	5	0
>KIT-K558Q-1PMYEVQWK\	97	>KIT-K558Q-iPMYEVQWQ'	36	61
>KIT-K558Q-1PMYEVQWK\	4	>KIT-K558Q-iPMYEVQWQ'	4	0
>KIT-K558Q-1PMYEVQWK\	11	>KIT-K558Q-iPMYEVQWQ'	6	5
>KIT-K558Q-1PMYEVQWK\	3	>KIT-K558Q-iPMYEVQWQ'	2	1
>KIT-K558Q-1PMYEVQWK\	54	>KIT-K558Q-iPMYEVQWQ'	13	41
>KIT-K558Q-1PMYEVQWK	1802	>KIT-K558Q-iPMYEVQWQ	137	1665
>KIT-K558Q-1PMYEVQWK\	2	>KIT-K558Q-iPMYEVQWQ'	2	0
>KIT-K558Q-1PMYEVQWK\	10	>KIT-K558Q-iPMYEVQWQ'	6	4
>KIT-K558Q-1PMYEVQWK	129	>KIT-K558Q-iPMYEVQWQ	18369	18240
>KIT-K558Q-1PMYEVQWK\	145	>KIT-K558Q-iPMYEVQWQ'	61	84
>KIT-K558Q-1KPMYEVQW\	157	>KIT-K558Q-iKPMYEVQW\	324	167
>KIT-K558Q-1KPMYEVQW\	136	>KIT-K558Q-iKPMYEVQW\	89	47
>KIT-K558Q-1KPMYEVQW\	68	>KIT-K558Q-iKPMYEVQW\	92	24
>KIT-K558R-vKVVEEINGNN	31	>KIT-K558R-rRVVEEINGNN	20	11
>KIT-K558R-vKVVEEINGNN	61	>KIT-K558R-rRVVEEINGNN	58	3
>KIT-K558R-vKVVEEINGNN	114	>KIT-K558R-rRVVEEINGNN	189	75
>KIT-K558R-vKVVEEINGNN	114	>KIT-K558R-rRVVEEINGNN	85	29
>KIT-K558R-vKVVEEINGNN	1251	>KIT-K558R-rRVVEEINGNN	441	810
>KIT-K558R-vKVVEEINGNN	100	>KIT-K558R-rRVVEEINGNN	39	61
>KIT-K558R-vLQKPMYEVQ	243	>KIT-K558R-rLQKPMYEVQ	8042	7799

>KIT-K558R-v LQKPMYEVQ	415	>KIT-K558R-r LQKPMYEVQ	32	383
>KIT-K558R-v QWKVVEEI	577	>KIT-K558R-r QWRVVEEI	355	222
>KIT-K558R-v VQWKVVEEI	154	>KIT-K558R-r VQWRVVEEI	96	58
>KIT-K558R-v VQWKVVEEI	91	>KIT-K558R-r VQWRVVEEI	119	28
>KIT-K558R-v VQWKVVEEI	43	>KIT-K558R-r VQWRVVEEI	49	6
>KIT-K558R-v VQWKVVEEI	17	>KIT-K558R-r VQWRVVEEI	14	3
>KIT-K558R-v VQWKVVEEI	75	>KIT-K558R-r VQWRVVEEI	112	37
>KIT-K558R-v VQWKVVEEI	468	>KIT-K558R-r VQWRVVEEI	264	204
>KIT-K558R-v VQWKVVEEI	57	>KIT-K558R-r VQWRVVEEI	56	1
>KIT-K558R-v EVQWKVVEE	518	>KIT-K558R-r EVQWRVVEE	392	126
>KIT-K558R-v EVQWKVVEE	147	>KIT-K558R-r EVQWRVVEE	147	0
>KIT-K558R-v YEVQWKVV	10	>KIT-K558R-r YEVQWRVV	15	5
>KIT-K558R-v YEVQWKVVE	11	>KIT-K558R-r YEVQWRVVE	11	0
>KIT-K558R-v YEVQWKVV	373	>KIT-K558R-r YEVQWRVV	242	131
>KIT-K558R-v YEVQWKVVE	343	>KIT-K558R-r YEVQWRVVE	312	31
>KIT-K558R-v YEVQWKVV	307	>KIT-K558R-r YEVQWRVV	265	42
>KIT-K558R-v YEVQWKVVE	59	>KIT-K558R-r YEVQWRVVE	62	3
>KIT-K558R-v YEVQWKVV	169	>KIT-K558R-r YEVQWRVV	97	72
>KIT-K558R-v YEVQWKVVE	176	>KIT-K558R-r YEVQWRVVE	118	58
>KIT-K558R-v YEVQWKVV	749	>KIT-K558R-r YEVQWRVV	443	306
>KIT-K558R-v YEVQWKVVE	1044	>KIT-K558R-r YEVQWRVVE	282	762
>KIT-K558R-v YEVQWKVV	1020	>KIT-K558R-r YEVQWRVV	294	726
>KIT-K558R-v YEVQWKVVE	3	>KIT-K558R-r YEVQWRVVE	3	0
>KIT-K558R-v MYEVQWKV	652	>KIT-K558R-r MYEVQWRV	411	241
>KIT-K558R-v MYEVQWKV	246	>KIT-K558R-r MYEVQWRV	454	208
>KIT-K558R-v MYEVQWKV	488	>KIT-K558R-r MYEVQWRV	536	48
>KIT-K558R-v PMYEVQWK\	17	>KIT-K558R-r PMYEVQWR\	15	2
>KIT-K558R-v PMYEVQWK\	18	>KIT-K558R-r PMYEVQWR\	18	0
>KIT-K558R-v PMYEVQWK\	48	>KIT-K558R-r PMYEVQWR\	43	5
>KIT-K558R-v PMYEVQWK\	33	>KIT-K558R-r PMYEVQWR\	33	0
>KIT-K558R-v PMYEVQWK\	1	>KIT-K558R-r PMYEVQWR\	1	0
>KIT-K558R-v PMYEVQWK\	4	>KIT-K558R-r PMYEVQWR\	3	1
>KIT-K558R-v PMYEVQWK\	5	>KIT-K558R-r PMYEVQWR\	5	0
>KIT-K558R-v PMYEVQWK\	97	>KIT-K558R-r PMYEVQWR\	93	4
>KIT-K558R-v PMYEVQWK\	4	>KIT-K558R-r PMYEVQWR\	4	0
>KIT-K558R-v PMYEVQWK\	11	>KIT-K558R-r PMYEVQWR\	13	2
>KIT-K558R-v PMYEVQWK\	3	>KIT-K558R-r PMYEVQWR\	2	1
>KIT-K558R-v PMYEVQWK\	54	>KIT-K558R-r PMYEVQWR\	67	13
>KIT-K558R-v PMYEVQWK\	2	>KIT-K558R-r PMYEVQWR\	2	0
>KIT-K558R-v PMYEVQWK\	10	>KIT-K558R-r PMYEVQWR\	12	2
>KIT-K558R-v PMYEVQWK	129	>KIT-K558R-r PMYEVQWR	2643	2514
>KIT-K558R-v PMYEVQWK	5023	>KIT-K558R-r PMYEVQWR	408	4615
>KIT-K558R-v PMYEVQWK	5110	>KIT-K558R-r PMYEVQWR	298	4812

>KIT-K558R-v PMYEVQWK\	145	>KIT-K558R-r PMYEVQWR\	191	46
>KIT-K558R-v PMYEVQWK	2483	>KIT-K558R-r PMYEVQWR	157	2326
>KIT-K558R-v KPMYEVQWF\	157	>KIT-K558R-r KPMYEVQWF\	1257	1100
>KIT-K558R-v KPMYEVQWF	136	>KIT-K558R-r KPMYEVQWF	53	83
>KIT-K558R-v KPMYEVQWF\	68	>KIT-K558R-r KPMYEVQWF\	92	24
>KIT-K558R-v KPMYEVQWF	3245	>KIT-K558R-r KPMYEVQWF	163	3082
>KIT-K581Q-1 KWEFPRNRL\	477	>KIT-K581Q-i QWEFPRNRL	1118	641
>KIT-K581Q-1 KWEFPRNRL\	162	>KIT-K581Q-i QWEFPRNRL	263	101
>KIT-K581Q-1 KWEFPRNR	137	>KIT-K581Q-i QWEFPRNR	2650	2513
>KIT-K581Q-1 KWEFPRNR	13	>KIT-K581Q-i QWEFPRNR	30	17
>KIT-K581Q-1 KWEFPRNR	395	>KIT-K581Q-i QWEFPRNR	988	593
>KIT-K581Q-1 KWEFPRNRL	154	>KIT-K581Q-i QWEFPRNRL	398	244
>KIT-K581Q-1 KWEFPRNRL\	82	>KIT-K581Q-i QWEFPRNRL	251	169
>KIT-K581Q-1 HKWEFPRNR	6299	>KIT-K581Q-i HQWEFPRNR	407	5892
>KIT-K581Q-1 HKWEFPRNR	2412	>KIT-K581Q-i HQWEFPRNR	23	2389
>KIT-K581Q-1 HKWEFPRNR	1022	>KIT-K581Q-i HQWEFPRNR	275	747
>KIT-K581Q-1 HKWEFPRNR	220	>KIT-K581Q-i HQWEFPRNR	245	25
>KIT-K581Q-1 HKWEFPRNR	59	>KIT-K581Q-i HQWEFPRNR	63	4
>KIT-K581Q-1 HKWEFPRNR	1126	>KIT-K581Q-i HQWEFPRNR	276	850
>KIT-K581Q-1 HKWEFPRNR	238	>KIT-K581Q-i HQWEFPRNR	235	3
>KIT-K581Q-1 HKWEFPRNR	656	>KIT-K581Q-i HQWEFPRNR	173	483
>KIT-K581Q-1 HKWEFPRNR	1413	>KIT-K581Q-i HQWEFPRNR	164	1249
>KIT-K581Q-1 HKWEFPRNR	33	>KIT-K581Q-i HQWEFPRNR	20	13
>KIT-K581Q-1 DHKWEFPR	218	>KIT-K581Q-i DHKWEFPR	434	216
>KIT-K581Q-1 DHKWEFPR	346	>KIT-K581Q-i DHKWEFPR	459	113
>KIT-K581Q-1 YDHKWEFPR	183	>KIT-K581Q-i YDHQWEFPR	174	9
>KIT-K581Q-1 PYDHKWEF	147	>KIT-K581Q-i PYDHQWEF	191	44
>KIT-K581Q-1 PYDHKWEF	444	>KIT-K581Q-i PYDHQWEF	441	3
>KIT-K581Q-1 PYDHKWEF	61	>KIT-K581Q-i PYDHQWEF	34	27
>KIT-K581Q-1 PYDHKWEFPI	67	>KIT-K581Q-i PYDHQWEFP	53	14
>KIT-K581Q-1 LPYDHKWEFI	169	>KIT-K581Q-i LPYDHQWEF	304	135
>KIT-K581Q-1 LPYDHKWEFI	170	>KIT-K581Q-i LPYDHQWEF	159	11
>KIT-K581Q-1 LPYDHKWEFI	359	>KIT-K581Q-i LPYDHQWEF	326	33
>KIT-K581Q-1 LPYDHKWEF	175	>KIT-K581Q-i LPYDHQWEF	497	322
>KIT-K581Q-1 LPYDHKWEF	272	>KIT-K581Q-i LPYDHQWEF	134	138
>KIT-K581Q-1 LPYDHKWEF	162	>KIT-K581Q-i LPYDHQWEF	208	46
>KIT-K581Q-1 LPYDHKWEF	11	>KIT-K581Q-i LPYDHQWEF	8	3
>KIT-K581Q-1 LPYDHKWEFI	212	>KIT-K581Q-i LPYDHQWEF	108	104
>KIT-K581Q-1 LPYDHKWEF	471	>KIT-K581Q-i LPYDHQWEF	226	245
>KIT-K581Q-1 LPYDHKWEF	18	>KIT-K581Q-i LPYDHQWEF	18	0
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>KIT-K581Q-1 LPYDHKWEFI	124	>KIT-K581Q-i LPYDHQWEF	144	20
>KIT-K581Q-1 LPYDHKWEF	67	>KIT-K581Q-i LPYDHQWEF	26	41



>KIT-K581Q-1 LPYDHKWEF	11	>KIT-K581Q-1 LPYDHQWEF	8	3
>KIT-K581Q-1 LPYDHKWEFI	96	>KIT-K581Q-1 LPYDHQWEF	107	11
>KIT-K581Q-1 QLPYDHKWE	446	>KIT-K581Q-1 QLPYDHQWE	200	246
>KIT-K581Q-1 TQLPYDHKW	34	>KIT-K581Q-1 TQLPYDHQW	23	11
>KIT-K581Q-1 TQLPYDHK	118	>KIT-K581Q-1 TQLPYDHQ	26416	26298
>KIT-K581Q-1 TQLPYDHKW	67	>KIT-K581Q-1 TQLPYDHQW	67	0
>KIT-K581Q-1 TQLPYDHKW	176	>KIT-K581Q-1 TQLPYDHQW	102	74
>KIT-K581Q-1 TQLPYDHKW	559	>KIT-K581Q-1 TQLPYDHQW	316	243
>KIT-K581Q-1 TQLPYDHKW	23	>KIT-K581Q-1 TQLPYDHQW	18	5
>KIT-K581Q-1 TQLPYDHKW	306	>KIT-K581Q-1 TQLPYDHQW	165	141
>KIT-K581Q-1 TQLPYDHKW	199	>KIT-K581Q-1 TQLPYDHQW	223	24
>KIT-K581Q-1 TQLPYDHKW	186	>KIT-K581Q-1 TQLPYDHQW	153	33
>KIT-K581Q-1 TQLPYDHKW	129	>KIT-K581Q-1 TQLPYDHQW	55	74
>KIT-K581Q-1 TQLPYDHKW	123	>KIT-K581Q-1 TQLPYDHQW	74	49
>KIT-K581Q-1 PTQLPYDHKV	396	>KIT-K581Q-1 PTQLPYDHQV	274	122
>KIT-K581Q-1 DPTQLPYDHC	46	>KIT-K581Q-1 DPTQLPYDHC	44	2
>KIT-K581Q-1 DPTQLPYDHC	24	>KIT-K581Q-1 DPTQLPYDHC	20	4
>KIT-K581R-1 KWEFPRNRL	477	>KIT-K581R-1 RWEFPRNRL	353	124
>KIT-K581R-1 KWEFPRNRL	162	>KIT-K581R-1 RWEFPRNRL	43	119
>KIT-K581R-1 KWEFPRNR	137	>KIT-K581R-1 RWEFPRNR	126	11
>KIT-K581R-1 KWEFPRNR	13	>KIT-K581R-1 RWEFPRNR	17	4
>KIT-K581R-1 KWEFPRNR	395	>KIT-K581R-1 RWEFPRNR	682	287
>KIT-K581R-1 KWEFPRNRL	154	>KIT-K581R-1 RWEFPRNRL	267	113
>KIT-K581R-1 KWEFPRNRL	82	>KIT-K581R-1 RWEFPRNRL	146	64
>KIT-K581R-1 HKWEFPRNR	220	>KIT-K581R-1 HRWEFPRNR	1105	885
>KIT-K581R-1 HKWEFPRNR	59	>KIT-K581R-1 HRWEFPRNR	442	383
>KIT-K581R-1 HKWEFPRN	9867	>KIT-K581R-1 HRWEFPRN	210	9657
>KIT-K581R-1 HKWEFPRNR	1126	>KIT-K581R-1 HRWEFPRNR	18	1108
>KIT-K581R-1 HKWEFPRNR	238	>KIT-K581R-1 HRWEFPRNR	13	225
>KIT-K581R-1 HKWEFPRNR	5172	>KIT-K581R-1 HRWEFPRNR	61	5111
>KIT-K581R-1 HKWEFPRNR	656	>KIT-K581R-1 HRWEFPRNR	232	424
>KIT-K581R-1 HKWEFPRN	1873	>KIT-K581R-1 HRWEFPRN	153	1720
>KIT-K581R-1 HKWEFPRN	8880	>KIT-K581R-1 HRWEFPRN	413	8467
>KIT-K581R-1 HKWEFPRNR	4996	>KIT-K581R-1 HRWEFPRNR	154	4842
>KIT-K581R-1 HKWEFPRNR	5961	>KIT-K581R-1 HRWEFPRNR	113	5848
>KIT-K581R-1 HKWEFPRNR	9455	>KIT-K581R-1 HRWEFPRNR	282	9173
>KIT-K581R-1 HKWEFPRNR	7166	>KIT-K581R-1 HRWEFPRNR	160	7006
>KIT-K581R-1 HKWEFPRNR	33	>KIT-K581R-1 HRWEFPRNR	26	7
>KIT-K581R-1 DHKWEFPR	218	>KIT-K581R-1 DHRWEFPR	186	32
>KIT-K581R-1 DHKWEFPR	346	>KIT-K581R-1 DHRWEFPR	538	192
>KIT-K581R-1 YDHKWEFPR	183	>KIT-K581R-1 YDHRWEFPR	524	341
>KIT-K581R-1 PYDHKWEF	147	>KIT-K581R-1 PYDHRWEF	129	18
>KIT-K581R-1 PYDHKWEF	444	>KIT-K581R-1 PYDHRWEF	356	88

>KIT-K581R-v PYDHKWEF	61	>KIT-K581R-r PYDHRWEF	52	9
>KIT-K581R-v PYDHKWEFPI	67	>KIT-K581R-r PYDHRWEFPI	72	5
>KIT-K581R-v LPYDHKWEFI	169	>KIT-K581R-r LPYDHRWEFI	125	44
>KIT-K581R-v LPYDHKWEFI	170	>KIT-K581R-r LPYDHRWEFI	99	71
>KIT-K581R-v LPYDHKWEFI	359	>KIT-K581R-r LPYDHRWEFI	252	107
>KIT-K581R-v LPYDHKWEF	175	>KIT-K581R-r LPYDHRWEF	33	142
>KIT-K581R-v LPYDHKWEF	1030	>KIT-K581R-r LPYDHRWEF	417	613
>KIT-K581R-v LPYDHKWEF	272	>KIT-K581R-r LPYDHRWEF	112	160
>KIT-K581R-v LPYDHKWEF	162	>KIT-K581R-r LPYDHRWEF	126	36
>KIT-K581R-v LPYDHKWEF	11	>KIT-K581R-r LPYDHRWEF	10	1
>KIT-K581R-v LPYDHKWEFI	212	>KIT-K581R-r LPYDHRWEFI	188	24
>KIT-K581R-v LPYDHKWEF	471	>KIT-K581R-r LPYDHRWEF	746	275
>KIT-K581R-v LPYDHKWEF	18	>KIT-K581R-r LPYDHRWEF	24	6
>KIT-K581R-v LPYDHKWEFI	124	>KIT-K581R-r LPYDHRWEFI	113	11
>KIT-K581R-v LPYDHKWEF	67	>KIT-K581R-r LPYDHRWEF	25	42
>KIT-K581R-v LPYDHKWEF	11	>KIT-K581R-r LPYDHRWEF	9	2
>KIT-K581R-v LPYDHKWEFI	96	>KIT-K581R-r LPYDHRWEFI	118	22
>KIT-K581R-v QLPYDHKWE	446	>KIT-K581R-r QLPYDHRWE	342	104
>KIT-K581R-v TQLPYDHW	34	>KIT-K581R-r TQLPYDHRW	31	3
>KIT-K581R-v TQLPYDHW	118	>KIT-K581R-r TQLPYDHR	3194	3076
>KIT-K581R-v TQLPYDHW	67	>KIT-K581R-r TQLPYDHRW	54	13
>KIT-K581R-v TQLPYDHW	176	>KIT-K581R-r TQLPYDHRW	149	27
>KIT-K581R-v TQLPYDHW	969	>KIT-K581R-r TQLPYDHR	42	927
>KIT-K581R-v TQLPYDHW	559	>KIT-K581R-r TQLPYDHRW	330	229
>KIT-K581R-v TQLPYDHW	23	>KIT-K581R-r TQLPYDHRW	20	3
>KIT-K581R-v TQLPYDHW	306	>KIT-K581R-r TQLPYDHRW	206	100
>KIT-K581R-v TQLPYDHW	199	>KIT-K581R-r TQLPYDHRW	207	8
>KIT-K581R-v TQLPYDHW	186	>KIT-K581R-r TQLPYDHRW	181	5
>KIT-K581R-v TQLPYDHW	129	>KIT-K581R-r TQLPYDHRW	112	17
>KIT-K581R-v TQLPYDHW	123	>KIT-K581R-r TQLPYDHRW	169	46
>KIT-K581R-v TQLPYDHW	3030	>KIT-K581R-r TQLPYDHR	193	2837
>KIT-K581R-v PTQLPYDHW	396	>KIT-K581R-r PTQLPYDHRV	302	94
>KIT-K581R-v DPTQLPYDHF	46	>KIT-K581R-r DPTQLPYDHF	45	1
>KIT-K581R-v DPTQLPYDHF	24	>KIT-K581R-r DPTQLPYDHF	30	6
>KIT-K642E-v KVLSYLGNH	1336	>KIT-K642E-r EVLSYLGNH	14	1322
>KIT-K642E-v KVLSYLGNHM	147	>KIT-K642E-r EVLSYLGNHM	5	142
>KIT-K642E-v KVLSYLGNHM	1663	>KIT-K642E-r EVLSYLGNHM	40	1623
>KIT-K642E-v KVLSYLGNHM	201	>KIT-K642E-r EVLSYLGNHM	15774	15573
>KIT-K642E-v KVLSYLGNH	497	>KIT-K642E-r EVLSYLGNH	13570	13073
>KIT-K642E-v KVLSYLGNHM	3093	>KIT-K642E-r EVLSYLGNHM	26	3067
>KIT-K642E-v LKVSYLGNH	12371	>KIT-K642E-r LEVLSYLGNH	412	11959
>KIT-K642E-v LKVSYLGNH	19	>KIT-K642E-r LEVLSYLGNH	753	734
>KIT-K642E-v LKVSYLGNH	22188	>KIT-K642E-r LEVLSYLGNH	309	21879

>KIT-K642E-v LKVLVSYLGNH	20152	>KIT-K642E-r LEVLSYLGNH	158	19994
>KIT-K642E-v LKVLVSYLGNH	23964	>KIT-K642E-r LEVLSYLGNH	266	23698
>KIT-K642E-v ELKVLVSYL	445	>KIT-K642E-r ELEVLSYL	380	65
>KIT-K642E-v ELKVLVSYL	221	>KIT-K642E-r ELEVLSYL	178	43
>KIT-K642E-v ELKVLVSYL	285	>KIT-K642E-r ELEVLSYL	7178	6893
>KIT-K642E-v SELKVLVSY	122	>KIT-K642E-r SELEVLSY	133	11
>KIT-K642E-v SELKVLVSYL	14	>KIT-K642E-r SELEVLSYL	11	3
>KIT-K642E-v SELKVLVSYL	365	>KIT-K642E-r SELEVLSYL	41	324
>KIT-K642E-v SELKVLVSYL	1355	>KIT-K642E-r SELEVLSYL	82	1273
>KIT-K642E-v SELKVLVSYL	1596	>KIT-K642E-r SELEVLSYL	234	1362
>KIT-K642E-v SELKVLVSY	102	>KIT-K642E-r SELEVLSY	262	160
>KIT-K642E-v SELKVLVSY	361	>KIT-K642E-r SELEVLSY	498	137
>KIT-K642E-v SELKVLVSY	22	>KIT-K642E-r SELEVLSY	10	12
>KIT-K642E-v SELKVLVSYL	427	>KIT-K642E-r SELEVLSYL	105	322
>KIT-K642E-v SELKVLVSYL	54	>KIT-K642E-r SELEVLSYL	36	18
>KIT-K642E-v SELKVLVSYL	97	>KIT-K642E-r SELEVLSYL	63	34
>KIT-K642E-v SELKVLVSY	171	>KIT-K642E-r SELEVLSY	148	23
>KIT-K642E-v SELKVLVSY	54	>KIT-K642E-r SELEVLSY	34	20
>KIT-K642E-v SELKVLVSYL	151	>KIT-K642E-r SELEVLSYL	78	73
>KIT-K642E-v SELKVLVSYLG	270	>KIT-K642E-r SELEVLSYLG	268	2
>KIT-K642E-v SELKVLVSYLG	276	>KIT-K642E-r SELEVLSYLG	364	88
>KIT-K642E-v SELKVLVSYL	437	>KIT-K642E-r SELEVLSYL	1482	1045
>KIT-K642E-v SELKVLVSYL	10	>KIT-K642E-r SELEVLSYL	8	2
>KIT-K642E-v MSELKVLVSY	11	>KIT-K642E-r MSELEVLSY	13	2
>KIT-K642E-v MSELKVLVSY	246	>KIT-K642E-r MSELEVLSY	226	20
>KIT-K642E-v MSELKVLVSY	4	>KIT-K642E-r MSELEVLSY	5	1
>KIT-K642E-v MSELKVLVSYL	32	>KIT-K642E-r MSELEVLSYL	51	19
>KIT-K642E-v MSELKVLVSY	738	>KIT-K642E-r MSELEVLSY	174	564
>KIT-K642E-v MSELKVLVSYL	665	>KIT-K642E-r MSELEVLSYL	313	352
>KIT-K642E-v MSELKVLVSY	485	>KIT-K642E-r MSELEVLSY	515	30
>KIT-K642E-v MSELKVLVSYL	106	>KIT-K642E-r MSELEVLSYL	164	58
>KIT-K642E-v LMSELKVLVSY	472	>KIT-K642E-r LMSELEVLSY	418	54
>KIT-K642E-v LMSELKVL	384	>KIT-K642E-r LMSELEVL	67	317
>KIT-K642E-v LMSELKVLVSYI	22	>KIT-K642E-r LMSELEVLSYI	14	8
>KIT-K642E-v LMSELKVL	28	>KIT-K642E-r LMSELEVL	6	22
>KIT-K642E-v LMSELKVLVLS	576	>KIT-K642E-r LMSELEVLS	205	371
>KIT-K642E-v LMSELKVLVSYI	3	>KIT-K642E-r LMSELEVLSYI	2	1
>KIT-K642E-v LMSELKVL	53	>KIT-K642E-r LMSELEVL	41	12
>KIT-K642E-v LMSELKVLVSYI	11	>KIT-K642E-r LMSELEVLSYI	9	2
>KIT-K642E-v LMSELKVL	735	>KIT-K642E-r LMSELEVL	110	625
>KIT-K642E-v LMSELKVLVSYI	31	>KIT-K642E-r LMSELEVLSYI	20	11
>KIT-K642E-v LMSELKVL	19	>KIT-K642E-r LMSELEVL	9	10
>KIT-K642E-v LMSELKVLVSYI	3	>KIT-K642E-r LMSELEVLSYI	3	0

>KIT-K642E-v LMSELKVL	53	>KIT-K642E-r LMSELEVL	14	39
>KIT-K642E-v LMSELKVLSYI	8	>KIT-K642E-r LMSELEVLSYI	5	3
>KIT-K642E-v LMSELKVL	116	>KIT-K642E-r LMSELEVL	34	82
>KIT-K642E-v LMSELKVLSYI	12	>KIT-K642E-r LMSELEVLSYI	9	3
>KIT-K642E-v LMSELKVL	104	>KIT-K642E-r LMSELEVL	20	84
>KIT-K642E-v LMSELKVLSYI	8	>KIT-K642E-r LMSELEVLSYI	5	3
>KIT-K642E-v LMSELKVL	6	>KIT-K642E-r LMSELEVL	4	2
>KIT-K642E-v LMSELKVLSYI	3	>KIT-K642E-r LMSELEVLSYI	2	1
>KIT-K642E-v LMSELKVLSY	243	>KIT-K642E-r LMSELEVLSY	187	56
>KIT-K642E-v LMSELKVLSY	465	>KIT-K642E-r LMSELEVLSY	677	212
>KIT-K642E-v LMSELKVLSY	131	>KIT-K642E-r LMSELEVLSY	98	33
>KIT-K642E-v LMSELKVL	357	>KIT-K642E-r LMSELEVL	246	111
>KIT-K642E-v LMSELKVLSY	44	>KIT-K642E-r LMSELEVLSY	46	2
>KIT-K642E-v LMSELKVLSYI	435	>KIT-K642E-r LMSELEVLSYI	532	97
>KIT-K642E-v LMSELKVL	289	>KIT-K642E-r LMSELEVL	302	13
>KIT-K642E-v LMSELKVLSY	30	>KIT-K642E-r LMSELEVLSY	19	11
>KIT-K642E-v LMSELKVLSYI	347	>KIT-K642E-r LMSELEVLSYI	284	63
>KIT-K642E-v LMSELKVLSY	349	>KIT-K642E-r LMSELEVLSY	372	23
>KIT-K642E-v LMSELKVLSY	908	>KIT-K642E-r LMSELEVLSY	367	541
>KIT-K642E-v LMSELKVLSY	254	>KIT-K642E-r LMSELEVLSY	138	116
>KIT-K642E-v ALMSELKV	13	>KIT-K642E-r ALMSELEV	8	5
>KIT-K642E-v ALMSELKVL	93	>KIT-K642E-r ALMSELEVL	19	74
>KIT-K642E-v ALMSELKV	7	>KIT-K642E-r ALMSELEV	3	4
>KIT-K642E-v ALMSELKVL	16	>KIT-K642E-r ALMSELEVL	3	13
>KIT-K642E-v ALMSELKVLS	650	>KIT-K642E-r ALMSELEVLS	215	435
>KIT-K642E-v ALMSELKV	6	>KIT-K642E-r ALMSELEV	5	1
>KIT-K642E-v ALMSELKVL	18	>KIT-K642E-r ALMSELEVL	12	6
>KIT-K642E-v ALMSELKV	25	>KIT-K642E-r ALMSELEV	10	15
>KIT-K642E-v ALMSELKVL	476	>KIT-K642E-r ALMSELEVL	28	448
>KIT-K642E-v ALMSELKV	4	>KIT-K642E-r ALMSELEV	2	2
>KIT-K642E-v ALMSELKVL	41	>KIT-K642E-r ALMSELEVL	10	31
>KIT-K642E-v ALMSELKV	7	>KIT-K642E-r ALMSELEV	5	2
>KIT-K642E-v ALMSELKVL	31	>KIT-K642E-r ALMSELEVL	8	23
>KIT-K642E-v ALMSELKV	9	>KIT-K642E-r ALMSELEV	7	2
>KIT-K642E-v ALMSELKVL	539	>KIT-K642E-r ALMSELEVL	65	474
>KIT-K642E-v ALMSELKV	4	>KIT-K642E-r ALMSELEV	3	1
>KIT-K642E-v ALMSELKVL	39	>KIT-K642E-r ALMSELEVL	6	33
>KIT-K642E-v ALMSELKV	2	>KIT-K642E-r ALMSELEV	2	0
>KIT-K642E-v ALMSELKVL	10	>KIT-K642E-r ALMSELEVL	6	4
>KIT-K642E-v ALMSELKVLS	293	>KIT-K642E-r ALMSELEVLS	447	154
>KIT-K642E-v ALMSELKVLS	306	>KIT-K642E-r ALMSELEVLS	232	74
>KIT-K642E-v ALMSELKVLS	200	>KIT-K642E-r ALMSELEVLS	114	86
>KIT-K642E-v ALMSELKVLS	125	>KIT-K642E-r ALMSELEVLS	80	45

>KIT-K642E-v ALMSELKVLS	115	>KIT-K642E-r ALMSELEVL`	88	27
>KIT-K642E-v ALMSELKVLS	592	>KIT-K642E-r ALMSELEVL`	405	187
>KIT-K642E-v ALMSELKVLS	74	>KIT-K642E-r ALMSELEVL`	44	30
>KIT-K642E-v ALMSELKVL	1124	>KIT-K642E-r ALMSELEVL	355	769
>KIT-K642E-v ALMSELKVLS	48	>KIT-K642E-r ALMSELEVL`	40	8
>KIT-K642E-v ALMSELKVLS	439	>KIT-K642E-r ALMSELEVL`	523	84
>KIT-K642E-v ALMSELKVL	216	>KIT-K642E-r ALMSELEVL	371	155
>KIT-K642E-v ALMSELKVLS	25	>KIT-K642E-r ALMSELEVL`	23	2
>KIT-K642E-v ALMSELKVLS	270	>KIT-K642E-r ALMSELEVL`	510	240
>KIT-K642E-v EALMSELK	22	>KIT-K642E-r EALMSELE	5870	5848
>KIT-K642E-v EALMSELKV	192	>KIT-K642E-r EALMSELEV	113	79
>KIT-K642E-v REALMSELKV	131	>KIT-K642E-r REALMSELEV	55	76
>KIT-K642E-v REALMSELKV	58	>KIT-K642E-r REALMSELEV	185	127
>KIT-K642E-v REALMSELKV	30	>KIT-K642E-r REALMSELEV	12	18
>KIT-K642E-v REALMSELKV	131	>KIT-K642E-r REALMSELEV	94	37
>KIT-K642E-v REALMSELKV	74	>KIT-K642E-r REALMSELEV	71	3
>KIT-K642E-v REALMSELKV	566	>KIT-K642E-r REALMSELEV	256	310
>KIT-K642E-v REALMSELKV	425	>KIT-K642E-r REALMSELEV	199	226
>KIT-K642E-v REALMSELK	146	>KIT-K642E-r REALMSELE	203	57
>KIT-K642E-v REALMSELKV	41	>KIT-K642E-r REALMSELEV	72	31
>KIT-K642E-v REALMSELKV	10	>KIT-K642E-r REALMSELEV	7	3
>KIT-K735M- KADKRRSVR	52	>KIT-K735M- MADKRRSVR	81	29
>KIT-K735M- KADKRRSVR	6523	>KIT-K735M- MADKRRSVR	204	6319
>KIT-K735M- KADKRRSVR	3984	>KIT-K735M- MADKRRSVR	61	3923
>KIT-K735M- KADKRRSV	4438	>KIT-K735M- MADKRRSV	467	3971
>KIT-K735M- TKADKRRSVR	23483	>KIT-K735M- TMADKRRSV	463	23020
>KIT-K735M- TKADKRRSV	14755	>KIT-K735M- TMADKRRSV	74	14681
>KIT-K735M- TKADKRRSVR	18152	>KIT-K735M- TMADKRRSV	116	18036
>KIT-K735M- TKADKRRSV	11346	>KIT-K735M- TMADKRRSV	11	11335
>KIT-K735M- TKADKRRSVR	17406	>KIT-K735M- TMADKRRSV	45	17361
>KIT-K735M- TKADKRRSV	18204	>KIT-K735M- TMADKRRSV	33	18171
>KIT-K735M- TKADKRRSVR	22233	>KIT-K735M- TMADKRRSV	112	22121
>KIT-K735M- TKADKRRSV	22591	>KIT-K735M- TMADKRRSV	488	22103
>KIT-K735M- TKADKRRSV	22625	>KIT-K735M- TMADKRRSV	142	22483
>KIT-K735M- TKADKRRSV	23464	>KIT-K735M- TMADKRRSV	327	23137
>KIT-K735M- TKADKRRSV	11258	>KIT-K735M- TMADKRRSV	3	11255
>KIT-K735M- TKADKRRSVR	25468	>KIT-K735M- TMADKRRSV	19	25449
>KIT-K735M- TKADKRRSVR	1400	>KIT-K735M- TMADKRRSV	68	1332
>KIT-K735M- TKADKRRSVR	7563	>KIT-K735M- TMADKRRSV	97	7466
>KIT-K735M- TKADKRRSV	4537	>KIT-K735M- TMADKRRSV	273	4264
>KIT-K735M- TKADKRRSVR	4380	>KIT-K735M- TMADKRRSV	413	3967
>KIT-K735M- KPGVSYVVPT	38135	>KIT-K735M- KPGVSYVVPT	486	37649
>KIT-K735M- KPGVSYVVPT	21394	>KIT-K735M- KPGVSYVVPT	172	21222

>KIT-K735M- KPGVSYVVPT	16823	>KIT-K735M- KPGVSYVVPT	431	16392
>KIT-K735M- VPTKADKRRS	359	>KIT-K735M- VPTMADKRR	1583	1224
>KIT-K735M- VPTKADKRRS	73	>KIT-K735M- VPTMADKRR	69	4
>KIT-K735M- VVPTKADK	1679	>KIT-K735M- VVPTMADK	433	1246
>KIT-K735M- VVPTKADKR	1407	>KIT-K735M- VVPTMADKR	370	1037
>KIT-K735M- YVVPTKADK	909	>KIT-K735M- YVVPTMADK	124	785
>KIT-K735M- YVVPTKADK	54	>KIT-K735M- YVVPTMADK	27	27
>KIT-K735M- YVVPTKADKF	37	>KIT-K735M- YVVPTMADK	10	27
>KIT-K735M- YVVPTKADKF	25	>KIT-K735M- YVVPTMADK	18	7
>KIT-K735M- SYVVPTKADK	1038	>KIT-K735M- SYVVPTMADK	336	702
>KIT-K735M- SYVVPTKADK	716	>KIT-K735M- SYVVPTMADK	487	229
>KIT-K735M- SYVVPTKADK	109	>KIT-K735M- SYVVPTMADK	74	35
>KIT-K735M- VSYVVPTK	1427	>KIT-K735M- VSYVVPTM	16	1411
>KIT-K735M- VSYVVPTK	47	>KIT-K735M- VSYVVPTM	16083	16036
>KIT-K735M- VSYVVPTKAD	73	>KIT-K735M- VSYVVPTMAI	55	18
>KIT-K735M- VSYVVPTK	15	>KIT-K735M- VSYVVPTM	16699	16684
>KIT-K735M- VSYVVPTKAD	43	>KIT-K735M- VSYVVPTMAI	20	23
>KIT-K735M- VSYVVPTK	266	>KIT-K735M- VSYVVPTM	6375	6109
>KIT-K735M- VSYVVPTK	166	>KIT-K735M- VSYVVPTM	20813	20647
>KIT-K735M- VSYVVPTKAD	273	>KIT-K735M- VSYVVPTMAI	177	96
>KIT-K735M- VSYVVPTK	3125	>KIT-K735M- VSYVVPTM	126	2999
>KIT-K735M- VSYVVPTK	5897	>KIT-K735M- VSYVVPTM	6	5891
>KIT-K735M- VSYVVPTK	11909	>KIT-K735M- VSYVVPTM	26	11883
>KIT-K735M- VSYVVPTK	27249	>KIT-K735M- VSYVVPTM	308	26941
>KIT-K735M- GVSYVVPTK	171	>KIT-K735M- GVSYVVPTM	19037	18866
>KIT-K735M- GVSYVVPTK	16	>KIT-K735M- GVSYVVPTM	18515	18499
>KIT-K735M- GVSYVVPTK	150	>KIT-K735M- GVSYVVPTM	6926	6776
>KIT-K735M- GVSYVVPTK	81	>KIT-K735M- GVSYVVPTM	18029	17948
>KIT-K735M- GVSYVVPTK	8825	>KIT-K735M- GVSYVVPTM	44	8781
>KIT-K786N-1 KNCIHRDLAA	56	>KIT-K786N-1 NNCIHRDLAA	1802	1746
>KIT-K786N-1 KNCIHRDLAA	312	>KIT-K786N-1 NNCIHRDLAA	2582	2270
>KIT-K786N-1 SKNCIHRDL	164	>KIT-K786N-1 SNNCIHRDL	9175	9011
>KIT-K786N-1 VAKGMAFLA	184	>KIT-K786N-1 VAKGMAFLA	24769	24585
>KIT-K786N-1 VAKGMAFLA	25	>KIT-K786N-1 VAKGMAFLA	7920	7895
>KIT-K786N-1 ASKNCIHR	2034	>KIT-K786N-1 ASNNCIHR	210	1824
>KIT-K786N-1 ASKNCIHR	224	>KIT-K786N-1 ASNNCIHR	3867	3643
>KIT-K786N-1 ASKNCIHRDL	190	>KIT-K786N-1 ASNNCIHRDL	3342	3152
>KIT-K786N-1 ASKNCIHR	13	>KIT-K786N-1 ASNNCIHR	16	3
>KIT-K786N-1 ASKNCIHR	746	>KIT-K786N-1 ASNNCIHR	345	401
>KIT-K786N-1 ASKNCIHRDL	399	>KIT-K786N-1 ASNNCIHRDL	492	93
>KIT-K786N-1 ASKNCIHR	168	>KIT-K786N-1 ASNNCIHR	156	12
>KIT-K786N-1 LASKNCIHR	431	>KIT-K786N-1 LASNNCIHR	248	183
>KIT-K786N-1 LASKNCIHR	63	>KIT-K786N-1 LASNNCIHR	53	10

>KIT-K786N-1 FLASKNCI	35	>KIT-K786N-1 FLASNCCI	18	17
>KIT-K786N-1 FLASKNCI	4	>KIT-K786N-1 FLASNCCI	3	1
>KIT-K786N-1 FLASKNCIHR1	128	>KIT-K786N-1 FLASNCCIHR	116	12
>KIT-K786N-1 FLASKNCI	11	>KIT-K786N-1 FLASNCCI	8	3
>KIT-K786N-1 FLASKNCI	150	>KIT-K786N-1 FLASNCCI	62	88
>KIT-K786N-1 FLASKNCI	26	>KIT-K786N-1 FLASNCCI	15	11
>KIT-K786N-1 FLASKNCI	18	>KIT-K786N-1 FLASNCCI	7	11
>KIT-K786N-1 FLASKNCI	17	>KIT-K786N-1 FLASNCCI	13	4
>KIT-K786N-1 FLASKNCI	26	>KIT-K786N-1 FLASNCCI	10	16
>KIT-K786N-1 FLASKNCI	7	>KIT-K786N-1 FLASNCCI	5	2
>KIT-K786N-1 FLASKNCIHR1	196	>KIT-K786N-1 FLASNCCIHR	102	94
>KIT-K786N-1 FLASKNCIHR	470	>KIT-K786N-1 FLASNCCIHR	566	96
>KIT-K786N-1 FLASKNCIHR	49	>KIT-K786N-1 FLASNCCIHR	29	20
>KIT-K786N-1 FLASKNCI	1069	>KIT-K786N-1 FLASNCCI	407	662
>KIT-K786N-1 FLASKNCI	233	>KIT-K786N-1 FLASNCCI	2455	2222
>KIT-K786N-1 FLASKNCIHR	188	>KIT-K786N-1 FLASNCCIHR	159	29
>KIT-K786N-1 AFLASKNCI	104	>KIT-K786N-1 AFLASNCCI	42	62
>KIT-K786N-1 AFLASKNCIHI	19	>KIT-K786N-1 AFLASNCCIHI	23	4
>KIT-K786N-1 AFLASKNCIHI	522	>KIT-K786N-1 AFLASNCCIHI	438	84
>KIT-K786N-1 AFLASKNCIHI	97	>KIT-K786N-1 AFLASNCCIHI	100	3
>KIT-K786N-1 MAFLASKNCI	241	>KIT-K786N-1 MAFLASNCC	675	434
>KIT-K786N-1 MAFLASKNCI	987	>KIT-K786N-1 MAFLASNCC	436	551
>KIT-K786N-1 MAFLASKNCI	714	>KIT-K786N-1 MAFLASNCC	242	472
>KIT-K786N-1 MAFLASKNCI	417	>KIT-K786N-1 MAFLASNCC	244	173
>KIT-K786N-1 MAFLASKNCI	237	>KIT-K786N-1 MAFLASNCC	97	140
>KIT-K786N-1 MAFLASKNCI	642	>KIT-K786N-1 MAFLASNCC	376	266
>KIT-K786N-1 GMAFLASKN	42	>KIT-K786N-1 GMAFLASN	15	27
>KIT-K786N-1 GMAFLASKN	118	>KIT-K786N-1 GMAFLASN	52	66
>KIT-K786N-1 GMAFLASKN	471	>KIT-K786N-1 GMAFLASN	395	76
>KIT-K786N-1 GMAFLASKN	129	>KIT-K786N-1 GMAFLASN	59	70
>KIT-K786N-1 GMAFLASKN	90	>KIT-K786N-1 GMAFLASN	69	21
>KIT-K786N-1 GMAFLASK	53	>KIT-K786N-1 GMAFLASN	17265	17212
>KIT-K786N-1 GMAFLASK	20	>KIT-K786N-1 GMAFLASN	19796	19776
>KIT-K786N-1 GMAFLASK	390	>KIT-K786N-1 GMAFLASN	24117	23727
>KIT-K786N-1 KGMAFLASK	109	>KIT-K786N-1 KGMAFLASN	20089	19980
>KIT-K786N-1 KGMAFLASK	23	>KIT-K786N-1 KGMAFLASN	16871	16848
>KIT-K786N-1 KGMAFLASK	12	>KIT-K786N-1 KGMAFLASN	5462	5450
>KIT-K786N-1 KGMAFLASK	171	>KIT-K786N-1 KGMAFLASN	13016	12845
>KIT-K786N-1 KGMAFLASK	406	>KIT-K786N-1 KGMAFLASN	13234	12828
>KIT-K818R-1 IKNDSNYV	63	>KIT-K818R-r IRNDSNYV	373	310
>KIT-K818R-1 IKNDSNYVV	26	>KIT-K818R-r IRNDSNYVV	209	183
>KIT-K818R-1 IKNDSNYVVK	83	>KIT-K818R-r IRNDSNYVVK	542	459
>KIT-K818R-1 IKNDSNYVVK	16892	>KIT-K818R-r IRNDSNYVVK	323	16569

>KIT-K818R-v DIKNDSNY	198	>KIT-K818R-r DIRNDSNY	534	336
>KIT-K818R-v DIKNDSNY	243	>KIT-K818R-r DIRNDSNY	158	85
>KIT-K818R-v DIKNDSNY	1903	>KIT-K818R-r DIRNDSNY	143	1760
>KIT-K818R-v DIKNDSNYVV	1554	>KIT-K818R-r DIRNDSNYVV	354	1200
>KIT-K818R-v DIKNDSNY	462	>KIT-K818R-r DIRNDSNY	831	369
>KIT-K818R-v DIKNDSNYVV	291	>KIT-K818R-r DIRNDSNYVV	733	442
>KIT-K818R-v DIKNDSNY	694	>KIT-K818R-r DIRNDSNY	468	226
>KIT-K818R-v RDIKNDSNYV	394	>KIT-K818R-r RDIRNDSNYV	470	76
>KIT-K818R-v RDIKNDSNYV	299	>KIT-K818R-r RDIRNDSNYV	289	10
>KIT-K818R-v RDIKNDSNYV	87	>KIT-K818R-r RDIRNDSNYV	83	4
>KIT-K818R-v ARDIKNDSNY	420	>KIT-K818R-r ARDIRNDSNY	387	33
>KIT-K818R-v ARDIKNDSNY	200	>KIT-K818R-r ARDIRNDSNY	119	81
>KIT-K818R-v LARDIKNDSN	241	>KIT-K818R-r LARDIRNDSN	175	66
>KIT-K818R-v LARDIKNDSN	387	>KIT-K818R-r LARDIRNDSN	303	84
>KIT-K818R-v LARDIKNDSN	317	>KIT-K818R-r LARDIRNDSN	192	125
>KIT-K818R-v LARDIKNDSN	30	>KIT-K818R-r LARDIRNDSN	32	2
>KIT-K818R-v LARDIKNDSN	176	>KIT-K818R-r LARDIRNDSN	151	25
>KIT-K818R-v LARDIKNDSN	46	>KIT-K818R-r LARDIRNDSN	50	4
>KIT-K818R-v DFGLARDIK	2833	>KIT-K818R-r DFGLARDIR	92	2741
>KIT-K918E-v KQIVQLIEKQI	193	>KIT-K918E-r EQIVQLIEKQI	2968	2775
>KIT-K918E-v KQIVQLIEK	38	>KIT-K918E-r EQIVQLIEK	854	816
>KIT-K918E-v KQIVQLIEK	58	>KIT-K918E-r EQIVQLIEK	12209	12151
>KIT-K918E-v KQIVQLIEK	152	>KIT-K918E-r EQIVQLIEK	10265	10113
>KIT-K918E-v KQIVQLIEKQI	268	>KIT-K918E-r EQIVQLIEKQI	2535	2267
>KIT-K918E-v KQIVQLIEKQI	355	>KIT-K918E-r EQIVQLIEKQI	4610	4255
>KIT-K918E-v FKQIVQLI	1879	>KIT-K918E-r FEQIVQLI	4	1875
>KIT-K918E-v FKQIVQLI	437	>KIT-K918E-r FEQIVQLI	8127	7690
>KIT-K918E-v FKQIVQLI	21611	>KIT-K918E-r FEQIVQLI	235	21376
>KIT-K918E-v FKQIVQLI	28639	>KIT-K918E-r FEQIVQLI	218	28421
>KIT-K918E-v FKQIVQLI	671	>KIT-K918E-r FEQIVQLI	17	654
>KIT-K918E-v TFKQIVQLI	369	>KIT-K918E-r TFEQIVQLI	534	165
>KIT-K918E-v TFKQIVQLI	147	>KIT-K918E-r TFEQIVQLI	385	238
>KIT-K918E-v TFKQIVQL	137	>KIT-K918E-r TFEQIVQL	229	92
>KIT-K918E-v TFKQIVQLI	350	>KIT-K918E-r TFEQIVQLI	608	258
>KIT-K918E-v TFKQIVQLIEK	72	>KIT-K918E-r TFEQIVQLIEK	8022	7950
>KIT-K918E-v TFKQIVQLIEK	337	>KIT-K918E-r TFEQIVQLIEK	4925	4588
>KIT-K918E-v PTFKQIVQL	2685	>KIT-K918E-r PTFEQIVQL	182	2503
>KIT-K918E-v PTFKQIVQLI	3367	>KIT-K918E-r PTFEQIVQLI	395	2972
>KIT-K918E-v PTFKQIVQL	441	>KIT-K918E-r PTFEQIVQL	225	216
>KIT-K918E-v PTFKQIVQLI	352	>KIT-K918E-r PTFEQIVQLI	207	145
>KIT-K918E-v PTFKQIVQL	359	>KIT-K918E-r PTFEQIVQL	139	220
>KIT-K918E-v RPTFKQIVQL	461	>KIT-K918E-r RPTFEQIVQL	923	462
>KIT-K918E-v RPTFKQIV	110	>KIT-K918E-r RPTFEQIV	686	576



>KIT-K918E-v RPTFKQIVQL	97	>KIT-K918E-r RPTFEQIVQL	658	561
>KIT-K918E-v RPTFKQIVQLI	408	>KIT-K918E-r RPTFEQIVQLI	1448	1040
>KIT-K918E-v KRPTFKQIVQ	398	>KIT-K918E-r KRPTFEQIVQ	547	149
>KIT-K918E-v KRPTFKQI	60	>KIT-K918E-r KRPTFEQI	88	28
>KIT-K918E-v KRPTFKQIV	118	>KIT-K918E-r KRPTFEQIV	219	101
>KIT-K918E-v KRPTFKQIVQ	40	>KIT-K918E-r KRPTFEQIVQ	51	11
>KIT-K918E-v KRPTFKQIVQ	54	>KIT-K918E-r KRPTFEQIVQ	86	32
>KIT-K918E-v LKRPTFKQI	247	>KIT-K918E-r LKRPTFEQI	981	734
>KIT-K918E-v LKRPTFKQ	827	>KIT-K918E-r LKRPTFEQ	428	399
>KIT-K918E-v LKRPTFKQI	15	>KIT-K918E-r LKRPTFEQI	29	14
>KIT-K918E-v LKRPTFKQIV	16	>KIT-K918E-r LKRPTFEQIV	15	1
>KIT-K918E-v LKRPTFKQIVC	330	>KIT-K918E-r LKRPTFEQIVC	321	9
>KIT-K918E-v LKRPTFKQI	556	>KIT-K918E-r LKRPTFEQI	492	64
>KIT-K918E-v PLKRPTFKQI	1159	>KIT-K918E-r PLKRPTFEQI	434	725
>KIT-K918E-v PLKRPTFKQIV	26	>KIT-K918E-r PLKRPTFEQIV	24	2
>KIT-K918E-v PLKRPTFK	219	>KIT-K918E-r PLKRPTFE	20688	20469
>KIT-K918E-v PLKRPTFK	80	>KIT-K918E-r PLKRPTFE	14281	14201
>KIT-K918E-v DPLKRPTFKQ	373	>KIT-K918E-r DPLKRPTFEQ	781	408
>KIT-L576F-v LPYDHKWEF	945	>KIT-L576F-n FPYDHKWEF	448	497
>KIT-L576F-v LPYDHKWEFI	169	>KIT-L576F-n FPYDHKWEFI	1053	884
>KIT-L576F-v LPYDHKWEFI	170	>KIT-L576F-n FPYDHKWEFI	82	88
>KIT-L576F-v LPYDHKWEFI	359	>KIT-L576F-n FPYDHKWEFI	82	277
>KIT-L576F-v LPYDHKWEF	175	>KIT-L576F-n FPYDHKWEF	137	38
>KIT-L576F-v LPYDHKWEF	1030	>KIT-L576F-n FPYDHKWEF	325	705
>KIT-L576F-v LPYDHKWEF	272	>KIT-L576F-n FPYDHKWEF	157	115
>KIT-L576F-v LPYDHKWEF	162	>KIT-L576F-n FPYDHKWEF	150	12
>KIT-L576F-v LPYDHKWEF	11	>KIT-L576F-n FPYDHKWEF	8	3
>KIT-L576F-v LPYDHKWEFI	212	>KIT-L576F-n FPYDHKWEFI	86	126
>KIT-L576F-v LPYDHKWEF	471	>KIT-L576F-n FPYDHKWEF	405	66
>KIT-L576F-v LPYDHKWEF	18	>KIT-L576F-n FPYDHKWEF	10	8
>KIT-L576F-v LPYDHKWE	1757	>KIT-L576F-n FPYDHKWE	457	1300
>KIT-L576F-v LPYDHKWEF	2431	>KIT-L576F-n FPYDHKWEF	389	2042
>KIT-L576F-v LPYDHKWEFI	1344	>KIT-L576F-n FPYDHKWEFI	158	1186
>KIT-L576F-v LPYDHKWEFI	124	>KIT-L576F-n FPYDHKWEFI	36	88
>KIT-L576F-v LPYDHKWEF	67	>KIT-L576F-n FPYDHKWEF	41	26
>KIT-L576F-v LPYDHKWEF	11	>KIT-L576F-n FPYDHKWEF	7	4
>KIT-L576F-v LPYDHKWEFI	96	>KIT-L576F-n FPYDHKWEFI	70	26
>KIT-L576F-v QLPYDHKWE	1418	>KIT-L576F-n QFPYDHKWE	79	1339
>KIT-L576F-v QLPYDHKWE	1361	>KIT-L576F-n QFPYDHKWE	99	1262
>KIT-L576F-v QLPYDHKW	10657	>KIT-L576F-n QFPYDHKW	147	10510
>KIT-L576F-v QLPYDHKWE	446	>KIT-L576F-n QFPYDHKWE	8	438
>KIT-L576F-v NNYVYIDPTC	4549	>KIT-L576F-n NNYVYIDPTC	319	4230
>KIT-L576F-v TQLPYDHKW	34	>KIT-L576F-n TQFPYDHKW	30	4

>KIT-L576F-m TQLPYDHK	118	>KIT-L576F-n TQFPYDHK	39	79
>KIT-L576F-m TQLPYDHKW	67	>KIT-L576F-n TQFPYDHKW	74	7
>KIT-L576F-m TQLPYDHKW	176	>KIT-L576F-n TQFPYDHKW	304	128
>KIT-L576F-m TQLPYDHK	969	>KIT-L576F-n TQFPYDHK	278	691
>KIT-L576F-m TQLPYDHK	5528	>KIT-L576F-n TQFPYDHK	416	5112
>KIT-L576F-m TQLPYDHKW	559	>KIT-L576F-n TQFPYDHKW	83	476
>KIT-L576F-m TQLPYDHKW	1139	>KIT-L576F-n TQFPYDHKW	479	660
>KIT-L576F-m TQLPYDHKW	23	>KIT-L576F-n TQFPYDHKW	7	16
>KIT-L576F-m TQLPYDHKW	306	>KIT-L576F-n TQFPYDHKW	133	173
>KIT-L576F-m TQLPYDHKW	199	>KIT-L576F-n TQFPYDHKW	73	126
>KIT-L576F-m TQLPYDHKW	967	>KIT-L576F-n TQFPYDHKW	467	500
>KIT-L576F-m TQLPYDHKW	186	>KIT-L576F-n TQFPYDHKW	83	103
>KIT-L576F-m TQLPYDHKW	129	>KIT-L576F-n TQFPYDHKW	80	49
>KIT-L576F-m TQLPYDHKW	123	>KIT-L576F-n TQFPYDHKW	128	5
>KIT-L576F-m TQLPYDHKW	526	>KIT-L576F-n TQFPYDHKW	52	474
>KIT-L576F-m PTQLPYDHKV	396	>KIT-L576F-n PTQFPYDHKV	436	40
>KIT-L576F-m DPTQLPYDH	289	>KIT-L576F-n DPTQFPYDH	283	6
>KIT-L576F-m DPTQLPYDH†	46	>KIT-L576F-n DPTQFPYDH†	44	2
>KIT-L576F-m DPTQLPYDH†	24	>KIT-L576F-n DPTQFPYDH†	16	8
>KIT-L576F-m YIDPTQLPY	10	>KIT-L576F-n YIDPTQFPY	14	4
>KIT-L576F-m YIDPTQLPY	2325	>KIT-L576F-n YIDPTQFPY	243	2082
>KIT-L576F-m YIDPTQLPY	21	>KIT-L576F-n YIDPTQFPY	27	6
>KIT-L576F-m YIDPTQLPY	1117	>KIT-L576F-n YIDPTQFPY	306	811
>KIT-L576F-m YIDPTQLPY	11	>KIT-L576F-n YIDPTQFPY	47	36
>KIT-L576F-m YIDPTQLPY	137	>KIT-L576F-n YIDPTQFPY	283	146
>KIT-L576F-m YIDPTQLPY	240	>KIT-L576F-n YIDPTQFPY	307	67
>KIT-L576F-m YIDPTQLPY	42	>KIT-L576F-n YIDPTQFPY	63	21
>KIT-L576F-m YIDPTQLPY	61	>KIT-L576F-n YIDPTQFPY	38	23
>KIT-L576F-m YIDPTQLPY	750	>KIT-L576F-n YIDPTQFPY	299	451
>KIT-L576F-m YIDPTQLPY	116	>KIT-L576F-n YIDPTQFPY	41	75
>KIT-L576F-m YIDPTQLPY	56	>KIT-L576F-n YIDPTQFPY	24	32
>KIT-L576F-m VYIDPTQLPY	495	>KIT-L576F-n VYIDPTQFPY	871	376
>KIT-L576F-m VYIDPTQL	216	>KIT-L576F-n VYIDPTQF	23	193
>KIT-L576F-m VYIDPTQL	694	>KIT-L576F-n VYIDPTQF	142	552
>KIT-L576F-m VYIDPTQL	43	>KIT-L576F-n VYIDPTQF	12	31
>KIT-L576F-m VYIDPTQLPY	319	>KIT-L576F-n VYIDPTQFPY	149	170
>KIT-L576F-m VYIDPTQL	8256	>KIT-L576F-n VYIDPTQF	457	7799
>KIT-L576F-m VYIDPTQLPY	33	>KIT-L576F-n VYIDPTQFPY	28	5
>KIT-L576F-m VYIDPTQLPY	64	>KIT-L576F-n VYIDPTQFPY	29	35
>KIT-L576F-m VYIDPTQLPY	32	>KIT-L576F-n VYIDPTQFPY	70	38
>KIT-L576F-m YVYIDPTQL	193	>KIT-L576F-n YVYIDPTQF	15551	15358
>KIT-L576F-m YVYIDPTQL	135	>KIT-L576F-n YVYIDPTQF	6660	6525
>KIT-L576F-m YVYIDPTQL	24	>KIT-L576F-n YVYIDPTQF	2277	2253

>KIT-L576F-m YVYIDPTQL	261	>KIT-L576F-n YVYIDPTQF	3305	3044
>KIT-L576F-m YVYIDPTQL	18	>KIT-L576F-n YVYIDPTQF	1741	1723
>KIT-L576F-m YVYIDPTQL	71	>KIT-L576F-n YVYIDPTQF	9672	9601
>KIT-L576F-m YVYIDPTQL	16	>KIT-L576F-n YVYIDPTQF	9815	9799
>KIT-L576F-m YVYIDPTQLP\	492	>KIT-L576F-n YVYIDPTQFP\	608	116
>KIT-L576F-m YVYIDPTQLP\	330	>KIT-L576F-n YVYIDPTQFP\	159	171
>KIT-L576F-m YVYIDPTQLP\	387	>KIT-L576F-n YVYIDPTQFP\	718	331
>KIT-L576F-m YVYIDPTQLP\	91	>KIT-L576F-n YVYIDPTQFP\	70	21
>KIT-L576F-m YVYIDPTQL	7326	>KIT-L576F-n YVYIDPTQF	121	7205
>KIT-L576F-m YVYIDPTQLP\	6	>KIT-L576F-n YVYIDPTQFP\	6	0
>KIT-L576F-m YVYIDPTQLP\	517	>KIT-L576F-n YVYIDPTQFP\	179	338
>KIT-L576F-m YVYIDPTQLP\	451	>KIT-L576F-n YVYIDPTQFP\	104	347
>KIT-L576F-m YVYIDPTQL	162	>KIT-L576F-n YVYIDPTQF	10043	9881
>KIT-L576F-m YVYIDPTQLP\	16	>KIT-L576F-n YVYIDPTQFP\	26	10
>KIT-L576F-m YVYIDPTQL	6282	>KIT-L576F-n YVYIDPTQF	267	6015
>KIT-L576F-m YVYIDPTQLP\	63	>KIT-L576F-n YVYIDPTQFP\	79	16
>KIT-L576F-m YVYIDPTQL	4392	>KIT-L576F-n YVYIDPTQF	400	3992
>KIT-L576F-m YVYIDPTQLP\	73	>KIT-L576F-n YVYIDPTQFP\	80	7
>KIT-L576F-m YVYIDPTQL	1334	>KIT-L576F-n YVYIDPTQF	62	1272
>KIT-L576F-m YVYIDPTQLP\	53	>KIT-L576F-n YVYIDPTQFP\	79	26
>KIT-L576F-m YVYIDPTQL	27	>KIT-L576F-n YVYIDPTQF	6	21
>KIT-L576F-m YVYIDPTQLP\	7	>KIT-L576F-n YVYIDPTQFP\	8	1
>KIT-L576F-m YVYIDPTQL	1902	>KIT-L576F-n YVYIDPTQF	88	1814
>KIT-L576F-m YVYIDPTQLP\	17	>KIT-L576F-n YVYIDPTQFP\	14	3
>KIT-L576F-m YVYIDPTQL	423	>KIT-L576F-n YVYIDPTQF	83	340
>KIT-L576F-m YVYIDPTQLP\	301	>KIT-L576F-n YVYIDPTQFP\	307	6
>KIT-L576F-m YVYIDPTQLP\	645	>KIT-L576F-n YVYIDPTQFP\	337	308
>KIT-L576F-m YVYIDPTQLP\	949	>KIT-L576F-n YVYIDPTQFP\	381	568
>KIT-L576F-m NYVYIDPTQL	150	>KIT-L576F-n NYVYIDPTQF	4562	4412
>KIT-L576F-m NYVYIDPTQL	825	>KIT-L576F-n NYVYIDPTQF	49	776
>KIT-L576F-m NYVYIDPTQL	2081	>KIT-L576F-n NYVYIDPTQF	102	1979
>KIT-L576F-m NYVYIDPTQL	163	>KIT-L576F-n NYVYIDPTQF	30	133
>KIT-L576F-m NYVYIDPTQL	4205	>KIT-L576F-n NYVYIDPTQF	354	3851
>KIT-L576P-v LPYDHKWEF	169	>KIT-L576P-n PPYDHKWEF	3588	3419
>KIT-L576P-v LPYDHKWEF	170	>KIT-L576P-n PPYDHKWEF	779	609
>KIT-L576P-v LPYDHKWEF	359	>KIT-L576P-n PPYDHKWEF	5983	5624
>KIT-L576P-v LPYDHKWEF	175	>KIT-L576P-n PPYDHKWEF	3882	3707
>KIT-L576P-v LPYDHKWEF	272	>KIT-L576P-n PPYDHKWEF	2579	2307
>KIT-L576P-v LPYDHKWEF	162	>KIT-L576P-n PPYDHKWEF	2318	2156
>KIT-L576P-v LPYDHKWEF	11	>KIT-L576P-n PPYDHKWEF	107	96
>KIT-L576P-v LPYDHKWEF	212	>KIT-L576P-n PPYDHKWEF	4618	4406
>KIT-L576P-v LPYDHKWEF	471	>KIT-L576P-n PPYDHKWEF	8389	7918
>KIT-L576P-v LPYDHKWEF	18	>KIT-L576P-n PPYDHKWEF	85	67

>KIT-L576P-v LPYDHKWEFI	124	>KIT-L576P-n PPYDHKWEFI	3099	2975
>KIT-L576P-v LPYDHKWEF	67	>KIT-L576P-n PPYDHKWEF	601	534
>KIT-L576P-v LPYDHKWEF	11	>KIT-L576P-n PPYDHKWEF	124	113
>KIT-L576P-v LPYDHKWEFI	96	>KIT-L576P-n PPYDHKWEFI	98	2
>KIT-L576P-v QLPYDHKWE	446	>KIT-L576P-n QPPYDHKWE	3601	3155
>KIT-L576P-v QLPYDHKW	25381	>KIT-L576P-n QPPYDHKW	124	25257
>KIT-L576P-v QLPYDHKW	10180	>KIT-L576P-n QPPYDHKW	48	10132
>KIT-L576P-v TQLPYDHKW	34	>KIT-L576P-n TQPPYDHKW	178	144
>KIT-L576P-v TQLPYDHK	118	>KIT-L576P-n TQPPYDHK	1346	1228
>KIT-L576P-v TQLPYDHKW	67	>KIT-L576P-n TQPPYDHKW	319	252
>KIT-L576P-v TQLPYDHKW	176	>KIT-L576P-n TQPPYDHKW	120	56
>KIT-L576P-v TQLPYDHKW	23	>KIT-L576P-n TQPPYDHKW	209	186
>KIT-L576P-v TQLPYDHKW	306	>KIT-L576P-n TQPPYDHKW	4953	4647
>KIT-L576P-v TQLPYDHKW	199	>KIT-L576P-n TQPPYDHKW	3788	3589
>KIT-L576P-v TQLPYDHKW	186	>KIT-L576P-n TQPPYDHKW	2083	1897
>KIT-L576P-v TQLPYDHKW	129	>KIT-L576P-n TQPPYDHKW	8626	8497
>KIT-L576P-v TQLPYDHKW	123	>KIT-L576P-n TQPPYDHKW	2123	2000
>KIT-L576P-v PTQLPYDHKV	396	>KIT-L576P-n PTQPPYDHKV	64	332
>KIT-L576P-v PTQLPYDHKV	751	>KIT-L576P-n PTQPPYDHKV	167	584
>KIT-L576P-v DPTQLPYDH	289	>KIT-L576P-n DPTQPPYDH	623	334
>KIT-L576P-v DPTQLPYDH	46	>KIT-L576P-n DPTQPPYDHI	69	23
>KIT-L576P-v DPTQLPYDH	24	>KIT-L576P-n DPTQPPYDHI	37	13
>KIT-L576P-v YIDPTQLPY	10	>KIT-L576P-n YIDPTQPPY	36	26
>KIT-L576P-v YIDPTQLPY	21	>KIT-L576P-n YIDPTQPPY	77	56
>KIT-L576P-v YIDPTQLPY	1117	>KIT-L576P-n YIDPTQPPY	219	898
>KIT-L576P-v YIDPTQLPY	11	>KIT-L576P-n YIDPTQPPY	869	858
>KIT-L576P-v YIDPTQLPY	137	>KIT-L576P-n YIDPTQPPY	202	65
>KIT-L576P-v YIDPTQLPY	240	>KIT-L576P-n YIDPTQPPY	507	267
>KIT-L576P-v YIDPTQLPY	42	>KIT-L576P-n YIDPTQPPY	71	29
>KIT-L576P-v YIDPTQLPY	61	>KIT-L576P-n YIDPTQPPY	54	7
>KIT-L576P-v YIDPTQLPY	116	>KIT-L576P-n YIDPTQPPY	152	36
>KIT-L576P-v YIDPTQLPY	56	>KIT-L576P-n YIDPTQPPY	161	105
>KIT-L576P-v VYIDPTQLPY	495	>KIT-L576P-n VYIDPTQPPY	376	119
>KIT-L576P-v VYIDPTQL	216	>KIT-L576P-n VYIDPTQP	14428	14212
>KIT-L576P-v VYIDPTQL	43	>KIT-L576P-n VYIDPTQP	9313	9270
>KIT-L576P-v VYIDPTQLPY	319	>KIT-L576P-n VYIDPTQPPY	64	255
>KIT-L576P-v VYIDPTQLPY	33	>KIT-L576P-n VYIDPTQPPY	73	40
>KIT-L576P-v VYIDPTQLPY	64	>KIT-L576P-n VYIDPTQPPY	45	19
>KIT-L576P-v VYIDPTQLPY	32	>KIT-L576P-n VYIDPTQPPY	703	671
>KIT-L576P-v YVYIDPTQL	193	>KIT-L576P-n YVYIDPTQP	21947	21754
>KIT-L576P-v YVYIDPTQL	135	>KIT-L576P-n YVYIDPTQP	13211	13076
>KIT-L576P-v YVYIDPTQL	24	>KIT-L576P-n YVYIDPTQP	5673	5649
>KIT-L576P-v YVYIDPTQL	261	>KIT-L576P-n YVYIDPTQP	15791	15530

>KIT-L576P-v YVYIDPTQL	18	>KIT-L576P-n YVYIDPTQP	7320	7302
>KIT-L576P-v YVYIDPTQL	71	>KIT-L576P-n YVYIDPTQP	14148	14077
>KIT-L576P-v YVYIDPTQL	16	>KIT-L576P-n YVYIDPTQP	19934	19918
>KIT-L576P-v YVYIDPTQLP)	492	>KIT-L576P-n YVYIDPTQPP'	1030	538
>KIT-L576P-v YVYIDPTQLP)	330	>KIT-L576P-n YVYIDPTQPP'	776	446
>KIT-L576P-v YVYIDPTQLP)	387	>KIT-L576P-n YVYIDPTQPP'	500	113
>KIT-L576P-v YVYIDPTQLP)	91	>KIT-L576P-n YVYIDPTQPP'	30	61
>KIT-L576P-v YVYIDPTQLP)	6	>KIT-L576P-n YVYIDPTQPP'	7	1
>KIT-L576P-v YVYIDPTQLP)	517	>KIT-L576P-n YVYIDPTQPP'	153	364
>KIT-L576P-v YVYIDPTQLP)	451	>KIT-L576P-n YVYIDPTQPP'	373	78
>KIT-L576P-v YVYIDPTQL	162	>KIT-L576P-n YVYIDPTQP	12927	12765
>KIT-L576P-v YVYIDPTQLP)	16	>KIT-L576P-n YVYIDPTQPP'	157	141
>KIT-L576P-v YVYIDPTQLP)	63	>KIT-L576P-n YVYIDPTQPP'	69	6
>KIT-L576P-v YVYIDPTQLP)	73	>KIT-L576P-n YVYIDPTQPP'	103	30
>KIT-L576P-v YVYIDPTQLP)	53	>KIT-L576P-n YVYIDPTQPP'	62	9
>KIT-L576P-v YVYIDPTQL	27	>KIT-L576P-n YVYIDPTQP	17487	17460
>KIT-L576P-v YVYIDPTQLP)	7	>KIT-L576P-n YVYIDPTQPP'	8	1
>KIT-L576P-v YVYIDPTQLP)	17	>KIT-L576P-n YVYIDPTQPP'	15	2
>KIT-L576P-v YVYIDPTQL	423	>KIT-L576P-n YVYIDPTQP	15392	14969
>KIT-L576P-v YVYIDPTQLP)	301	>KIT-L576P-n YVYIDPTQPP'	365	64
>KIT-L576P-v NYVYIDPTQL	150	>KIT-L576P-n NYVYIDPTQP	22895	22745
>KIT-L576P-v NYVYIDPTQL	163	>KIT-L576P-n NYVYIDPTQP	13375	13212
>KIT-L589P-v LSF GKTLGA	411	>KIT-L589P-n PSFGKTLGA	14035	13624
>KIT-L589P-v LSF GKTLGAG	459	>KIT-L589P-n PSFGKTLGAG	14654	14195
>KIT-L589P-v RLSFGKTL	152	>KIT-L589P-n RPSFGKTL	31361	31209
>KIT-L589P-v RLSFGKTLGA	167	>KIT-L589P-n RPSFGKTLGA	24918	24751
>KIT-L589P-v RLSFGKTL	74	>KIT-L589P-n RPSFGKTL	22520	22446
>KIT-L589P-v RLSFGKTLGA	123	>KIT-L589P-n RPSFGKTLGA	20509	20386
>KIT-L589P-v RLSFGKTL	89	>KIT-L589P-n RPSFGKTL	27581	27492
>KIT-L589P-v RLSFGKTLGA	339	>KIT-L589P-n RPSFGKTLGA	28844	28505
>KIT-L589P-v RLSFGKTL	321	>KIT-L589P-n RPSFGKTL	24505	24184
>KIT-L589P-v RLSFGKTL	396	>KIT-L589P-n RPSFGKTL	26107	25711
>KIT-L589P-v RLSFGKTLGA	496	>KIT-L589P-n RPSFGKTLGA	25198	24702
>KIT-L589P-v RLSFGKTL	20	>KIT-L589P-n RPSFGKTL	34049	34029
>KIT-L589P-v RLSFGKTLGA	36	>KIT-L589P-n RPSFGKTLGA	35404	35368
>KIT-L589P-v RLSFGKTL	136	>KIT-L589P-n RPSFGKTL	14098	13962
>KIT-L589P-v RLSFGKTL	10082	>KIT-L589P-n RPSFGKTL	15	10067
>KIT-L589P-v NR LSF GKTL	127	>KIT-L589P-n NRPSFGKTL	902	775
>KIT-L589P-v NR LSF GKTL	187	>KIT-L589P-n NRPSFGKTL	3672	3485
>KIT-L589P-v NR LSF GKTL	133	>KIT-L589P-n NRPSFGKTL	2037	1904
>KIT-L589P-v NR LSF GKTL	303	>KIT-L589P-n NRPSFGKTL	751	448
>KIT-L589P-v NR LSF GKTL	199	>KIT-L589P-n NRPSFGKTL	391	192
>KIT-L589P-v RN R LSF GK	6	>KIT-L589P-n RN RPSFGK	5	1

>KIT-L589P-v RNRLSFGKTL	134	>KIT-L589P-n RNRPSFGKTL	56	78
>KIT-L589P-v RNRLSFGKTL	1026	>KIT-L589P-n RNRPSFGKTL	473	553
>KIT-L589P-v RNRLSFGKTL	438	>KIT-L589P-n RNRPSFGKTL	184	254
>KIT-L589P-v RNRLSFGKTL	1866	>KIT-L589P-n RNRPSFGKTL	311	1555
>KIT-L589P-v PRNRLSFGK	360	>KIT-L589P-n PRNRPSFGK	1624	1264
>KIT-L589P-v FPRNRLSF	1070	>KIT-L589P-n FPRNRPSF	332	738
>KIT-L589P-v FPRNRLSF	8	>KIT-L589P-n FPRNRPSF	10	2
>KIT-L589P-v FPRNRLSFGK	113	>KIT-L589P-n FPRNRPSFGK	158	45
>KIT-L589P-v FPRNRLSF	20	>KIT-L589P-n FPRNRPSF	27	7
>KIT-L589P-v FPRNRLSFG	148	>KIT-L589P-n FPRNRPSFG	181	33
>KIT-L589P-v FPRNRLSF	24	>KIT-L589P-n FPRNRPSF	25	1
>KIT-L589P-v FPRNRLSF	52	>KIT-L589P-n FPRNRPSF	49	3
>KIT-L589P-v FPRNRLSF	237	>KIT-L589P-n FPRNRPSF	360	123
>KIT-L589P-v FPRNRLSFG	145	>KIT-L589P-n FPRNRPSFG	477	332
>KIT-L589P-v FPRNRLSFGK	59	>KIT-L589P-n FPRNRPSFGK	99	40
>KIT-L589P-v FPRNRLSFGK	30	>KIT-L589P-n FPRNRPSFGK	61	31
>KIT-L589P-v FPRNRLSF	164	>KIT-L589P-n FPRNRPSF	609	445
>KIT-L589P-v EFPRNRLSF	479	>KIT-L589P-n EFPRNRPSF	796	317
>KIT-L589P-v EFPRNRLSF	14	>KIT-L589P-n EFPRNRPSF	29	15
>KIT-L589P-v EFPRNRLSF	348	>KIT-L589P-n EFPRNRPSF	1111	763
>KIT-L589P-v WEFPRNRLSF	117	>KIT-L589P-n WEFPRNRPSI	157	40
>KIT-L589P-v WEFPRNRLSF	337	>KIT-L589P-n WEFPRNRPSI	1060	723
>KIT-L589P-v WEFPRNRLSF	147	>KIT-L589P-n WEFPRNRPSI	135	12
>KIT-L589P-v WEFPRNRLSF	10	>KIT-L589P-n WEFPRNRPSI	9	1
>KIT-L589P-v WEFPRNRL	202	>KIT-L589P-n WEFPRNRP	6488	6286
>KIT-L589P-v WEFPRNRLS	1921	>KIT-L589P-n WEFPRNRPS	238	1683
>KIT-L589P-v WEFPRNRL	45	>KIT-L589P-n WEFPRNRP	8564	8519
>KIT-L589P-v WEFPRNRL	89	>KIT-L589P-n WEFPRNRP	2336	2247
>KIT-L589P-v WEFPRNRLS	969	>KIT-L589P-n WEFPRNRPS	258	711
>KIT-L589P-v WEFPRNRLSF	493	>KIT-L589P-n WEFPRNRPSI	600	107
>KIT-L589P-v WEFPRNRL	276	>KIT-L589P-n WEFPRNRP	18977	18701
>KIT-L589P-v WEFPRNRLSF	49	>KIT-L589P-n WEFPRNRPSI	31	18
>KIT-L589P-v WEFPRNRLSF	498	>KIT-L589P-n WEFPRNRPSI	1083	585
>KIT-L589P-v KWEFPRNRLS	477	>KIT-L589P-n KWEFPRNRP	538	61
>KIT-L589P-v KWEFPRNRLS	162	>KIT-L589P-n KWEFPRNRP	210	48
>KIT-L589P-v KWEFPRNRL	154	>KIT-L589P-n KWEFPRNRP	429	275
>KIT-L589P-v KWEFPRNRLS	82	>KIT-L589P-n KWEFPRNRP	99	17
>KIT-L589P-v HKWEFPRNR	59	>KIT-L589P-n HKWEFPRNR	2222	2163
>KIT-L589P-v HKWEFPRNR	238	>KIT-L589P-n HKWEFPRNR	14767	14529
>KIT-L647P-v YLGNHMNIV	28981	>KIT-L647P-n YPGNHMNIV	246	28735
>KIT-L647P-v YLGNHMNI	45	>KIT-L647P-n YPGNHMNI	22391	22346
>KIT-L647P-v YLGNHMNIV	27	>KIT-L647P-n YPGNHMNIV	17441	17414
>KIT-L647P-v YLGNHMNIV	23	>KIT-L647P-n YPGNHMNIV	21130	21107

>KIT-L647P-v YLGNHMNI	22	>KIT-L647P-n YPGNHMNI	25927	25905
>KIT-L647P-v YLGNHMNIV	5	>KIT-L647P-n YPGNHMNIV	15669	15664
>KIT-L647P-v YLGNHMNIV	6	>KIT-L647P-n YPGNHMNIV	17956	17950
>KIT-L647P-v YLGNHMNI	9	>KIT-L647P-n YPGNHMNI	16178	16169
>KIT-L647P-v YLGNHMNIV	3	>KIT-L647P-n YPGNHMNIV	10107	10104
>KIT-L647P-v YLGNHMNIV	10	>KIT-L647P-n YPGNHMNIV	18300	18290
>KIT-L647P-v YLGNHMNI	205	>KIT-L647P-n YPGNHMNI	20497	20292
>KIT-L647P-v YLGNHMNIV	26	>KIT-L647P-n YPGNHMNIV	7578	7552
>KIT-L647P-v YLGNHMNIV	111	>KIT-L647P-n YPGNHMNIV	18605	18494
>KIT-L647P-v YLGNHMNI	5	>KIT-L647P-n YPGNHMNI	13760	13755
>KIT-L647P-v YLGNHMNIV	4	>KIT-L647P-n YPGNHMNIV	11197	11193
>KIT-L647P-v YLGNHMNIV	5	>KIT-L647P-n YPGNHMNIV	11134	11129
>KIT-L647P-v YLGNHMNI	6	>KIT-L647P-n YPGNHMNI	18213	18207
>KIT-L647P-v YLGNHMNIV	3	>KIT-L647P-n YPGNHMNIV	11857	11854
>KIT-L647P-v YLGNHMNIV	4	>KIT-L647P-n YPGNHMNIV	15976	15972
>KIT-L647P-v YLGNHMNI	15	>KIT-L647P-n YPGNHMNI	22180	22165
>KIT-L647P-v YLGNHMNIV	8	>KIT-L647P-n YPGNHMNIV	18468	18460
>KIT-L647P-v YLGNHMNIV	12	>KIT-L647P-n YPGNHMNIV	19518	19506
>KIT-L647P-v YLGNHMNI	33	>KIT-L647P-n YPGNHMNI	22921	22888
>KIT-L647P-v YLGNHMNIV	14	>KIT-L647P-n YPGNHMNIV	21645	21631
>KIT-L647P-v YLGNHMNIV	20	>KIT-L647P-n YPGNHMNIV	22107	22087
>KIT-L647P-v YLGNHMNI	4	>KIT-L647P-n YPGNHMNI	25975	25971
>KIT-L647P-v YLGNHMNIV	2	>KIT-L647P-n YPGNHMNIV	13179	13177
>KIT-L647P-v YLGNHMNIV	2	>KIT-L647P-n YPGNHMNIV	17140	17138
>KIT-L647P-v YLGNHMNI	22792	>KIT-L647P-n YPGNHMNI	233	22559
>KIT-L647P-v YLGNHMNIV	21235	>KIT-L647P-n YPGNHMNIV	106	21129
>KIT-L647P-v YLGNHMNIV	14693	>KIT-L647P-n YPGNHMNIV	72	14621
>KIT-L647P-v YLGNHMNIV	16901	>KIT-L647P-n YPGNHMNIV	484	16417
>KIT-L647P-v YLGNHMNI	28651	>KIT-L647P-n YPGNHMNI	367	28284
>KIT-L647P-v YLGNHMNIV	24401	>KIT-L647P-n YPGNHMNIV	104	24297
>KIT-L647P-v LMSELKVLSYI	22	>KIT-L647P-n LMSELKVLSYI	13468	13446
>KIT-L647P-v LMSELKVLSYI	3	>KIT-L647P-n LMSELKVLSYI	242	239
>KIT-L647P-v LMSELKVLSYI	11	>KIT-L647P-n LMSELKVLSYI	1391	1380
>KIT-L647P-v LMSELKVLSYI	31	>KIT-L647P-n LMSELKVLSYI	3948	3917
>KIT-L647P-v LMSELKVLSYI	3	>KIT-L647P-n LMSELKVLSYI	617	614
>KIT-L647P-v LMSELKVLSYI	8	>KIT-L647P-n LMSELKVLSYI	6224	6216
>KIT-L647P-v LMSELKVLSYI	12	>KIT-L647P-n LMSELKVLSYI	5525	5513
>KIT-L647P-v LMSELKVLSYI	8	>KIT-L647P-n LMSELKVLSYI	14161	14153
>KIT-L647P-v LMSELKVLSYI	3	>KIT-L647P-n LMSELKVLSYI	3656	3653
>KIT-L647P-v LMSELKVLSYI	435	>KIT-L647P-n LMSELKVLSYI	7273	6838
>KIT-L647P-v LMSELKVLSYI	347	>KIT-L647P-n LMSELKVLSYI	6303	5956
>KIT-L647P-v SYLGNHMNI	14	>KIT-L647P-n SYPGNHMNI	1316	1302
>KIT-L647P-v SYLGNHMNI	177	>KIT-L647P-n SYPGNHMNI	6182	6005

>KIT-L647P-v SYLGNHMNI\	497	>KIT-L647P-n SYPGNHMNI'	1085	588
>KIT-L647P-v SYLGNHMNI	31	>KIT-L647P-n SYPGNHMNI	150	119
>KIT-L647P-v SYLGNHMNI	92	>KIT-L647P-n SYPGNHMNI	60	32
>KIT-L647P-v SYLGNHMN	305	>KIT-L647P-n SYPGNHMN	260	45
>KIT-L647P-v SYLGNHMNI	4	>KIT-L647P-n SYPGNHMNI	4	0
>KIT-L647P-v SYLGNHMNI\	45	>KIT-L647P-n SYPGNHMNI'	36	9
>KIT-L647P-v SYLGNHMNI\	614	>KIT-L647P-n SYPGNHMNI'	496	118
>KIT-L647P-v SYLGNHMNI	76	>KIT-L647P-n SYPGNHMNI	2209	2133
>KIT-L647P-v SYLGNHMNI	333	>KIT-L647P-n SYPGNHMNI	349	16
>KIT-L647P-v SYLGNHMNI\	143	>KIT-L647P-n SYPGNHMNI'	114	29
>KIT-L647P-v SYLGNHMNI	364	>KIT-L647P-n SYPGNHMNI	1655	1291
>KIT-L647P-v SYLGNHMNI\	53	>KIT-L647P-n SYPGNHMNI'	71	18
>KIT-L647P-v LSYLGNHM	425	>KIT-L647P-n LSYPGNHM	2037	1612
>KIT-L647P-v LSYLGNHMN	440	>KIT-L647P-n LSYPGNHMN	803	363
>KIT-L647P-v LSYLGNHMN	996	>KIT-L647P-n LSYPGNHMN	439	557
>KIT-L647P-v LSYLGNHMN	724	>KIT-L647P-n LSYPGNHMN	312	412
>KIT-L647P-v LSYLGNHMN	1068	>KIT-L647P-n LSYPGNHMN	259	809
>KIT-L647P-v LSYLGNHMN	927	>KIT-L647P-n LSYPGNHMN	454	473
>KIT-L647P-v LSYLGNHMN	131	>KIT-L647P-n LSYPGNHMN	105	26
>KIT-L647P-v LSYLGNHMN	1200	>KIT-L647P-n LSYPGNHMN	381	819
>KIT-L647P-v LSYLGNHMN	951	>KIT-L647P-n LSYPGNHMN	472	479
>KIT-L647P-v LSYLGNHM	186	>KIT-L647P-n LSYPGNHM	92	94
>KIT-L647P-v LSYLGNHM	222	>KIT-L647P-n LSYPGNHM	58	164
>KIT-L647P-v LSYLGNHMN	349	>KIT-L647P-n LSYPGNHMN	123	226
>KIT-L647P-v LSYLGNHMN	905	>KIT-L647P-n LSYPGNHMN	265	640
>KIT-L647P-v LSYLGNHM	13	>KIT-L647P-n LSYPGNHM	11	2
>KIT-L647P-v LSYLGNHMN	16	>KIT-L647P-n LSYPGNHMN	13	3
>KIT-L647P-v LSYLGNHMN	332	>KIT-L647P-n LSYPGNHMN	105	227
>KIT-L647P-v LSYLGNHM	211	>KIT-L647P-n LSYPGNHM	72	139
>KIT-L647P-v LSYLGNHMN	216	>KIT-L647P-n LSYPGNHMN	48	168
>KIT-L647P-v LSYLGNHM	337	>KIT-L647P-n LSYPGNHM	106	231
>KIT-L647P-v LSYLGNHMN	1013	>KIT-L647P-n LSYPGNHMN	389	624
>KIT-L647P-v LSYLGNHM	59	>KIT-L647P-n LSYPGNHM	132	73
>KIT-L647P-v LSYLGNHMN	237	>KIT-L647P-n LSYPGNHMN	617	380
>KIT-L647P-v LSYLGNHMN	288	>KIT-L647P-n LSYPGNHMN	138	150
>KIT-L647P-v LSYLGNHM	204	>KIT-L647P-n LSYPGNHM	31	173
>KIT-L647P-v LSYLGNHMN	39	>KIT-L647P-n LSYPGNHMN	48	9
>KIT-L647P-v LSYLGNHMN	738	>KIT-L647P-n LSYPGNHMN	165	573
>KIT-L647P-v VLSYLGNHM	100	>KIT-L647P-n VLSYPGNHM	1011	911
>KIT-L647P-v VLSYLGNHMI	36	>KIT-L647P-n VLSYPGNHM	144	108
>KIT-L647P-v VLSYLGNHMI	48	>KIT-L647P-n VLSYPGNHM	77	29
>KIT-L647P-v VLSYLGNHMI	201	>KIT-L647P-n VLSYPGNHM	124	77
>KIT-L647P-v VLSYLGNHMI	217	>KIT-L647P-n VLSYPGNHM	244	27



>KIT-L647P-v VLSYLGNHMI	294	>KIT-L647P-n VLSYPGNHM	607	313
>KIT-L647P-v VLSYLGNHMI	73	>KIT-L647P-n VLSYPGNHM	69	4
>KIT-L647P-v VLSYLGNHM	112	>KIT-L647P-n VLSYPGNHM	169	57
>KIT-L647P-v VLSYLGNHM	608	>KIT-L647P-n VLSYPGNHM	267	341
>KIT-L647P-v KVLSYLGNHM	147	>KIT-L647P-n KVLSYPGNHM	304	157
>KIT-L647P-v KVLSYLGNHM	201	>KIT-L647P-n KVLSYPGNHM	203	2
>KIT-L647P-v KVLSYLGNH	497	>KIT-L647P-n KVLSYPGNH	1623	1126
>KIT-L647P-v LKVLSYLGNH	19	>KIT-L647P-n LKVLSYPGNH	16	3
>KIT-L647P-v ELKVLSYL	445	>KIT-L647P-n ELKVLSYP	14293	13848
>KIT-L647P-v ELKVLSYL	221	>KIT-L647P-n ELKVLSYP	25329	25108
>KIT-L647P-v ELKVLSYL	285	>KIT-L647P-n ELKVLSYP	12588	12303
>KIT-L647P-v SELKVLSYL	14	>KIT-L647P-n SELKVLSYP	1645	1631
>KIT-L647P-v SELKVLSYL	365	>KIT-L647P-n SELKVLSYP	16822	16457
>KIT-L647P-v SELKVLSYL	427	>KIT-L647P-n SELKVLSYP	11060	10633
>KIT-L647P-v SELKVLSYL	54	>KIT-L647P-n SELKVLSYP	8361	8307
>KIT-L647P-v SELKVLSYL	97	>KIT-L647P-n SELKVLSYP	4053	3956
>KIT-L647P-v SELKVLSYL	151	>KIT-L647P-n SELKVLSYP	3509	3358
>KIT-L647P-v SELKVLSYLG	270	>KIT-L647P-n SELKVLSYPG	420	150
>KIT-L647P-v SELKVLSYLG	276	>KIT-L647P-n SELKVLSYPG	292	16
>KIT-L647P-v SELKVLSYL	437	>KIT-L647P-n SELKVLSYP	12216	11779
>KIT-L647P-v SELKVLSYL	10	>KIT-L647P-n SELKVLSYP	1142	1132
>KIT-L647P-v MSELKVLSYL	32	>KIT-L647P-n MSELKVLSYP	16664	16632
>KIT-L647P-v MSELKVLSYL	106	>KIT-L647P-n MSELKVLSYP	13062	12956
>KIT-L813P-v LARDIKNDSN	241	>KIT-L813P-n PARDIKNDSN	1162	921
>KIT-L813P-v LARDIKNDSN	387	>KIT-L813P-n PARDIKNDSN	10791	10404
>KIT-L813P-v LARDIKNDSN	317	>KIT-L813P-n PARDIKNDSN	3855	3538
>KIT-L813P-v LARDIKNDSN	30	>KIT-L813P-n PARDIKNDSN	2823	2793
>KIT-L813P-v LARDIKNDSN	176	>KIT-L813P-n PARDIKNDSN	4669	4493
>KIT-L813P-v LARDIKNDSN	46	>KIT-L813P-n PARDIKNDSN	3125	3079
>KIT-L813P-v GRITKICDFGL	168	>KIT-L813P-n GRITKICDFGF	3941	3773
>KIT-L813P-v GRITKICDFGL	267	>KIT-L813P-n GRITKICDFGF	7430	7163
>KIT-L813P-v GRITKICDFGL	52	>KIT-L813P-n GRITKICDFGF	8359	8307
>KIT-L813P-v FGLARDIKN	26630	>KIT-L813P-n FGPARDIKN	316	26314
>KIT-L813P-v CDFGLARDI	84	>KIT-L813P-n CDFGPARDI	183	99
>KIT-L813P-v KICDFGLA	433	>KIT-L813P-n KICDFGPA	253	180
>KIT-L813P-v KICDFGLA	195	>KIT-L813P-n KICDFGPA	68	127
>KIT-L813P-v KICDFGLA	922	>KIT-L813P-n KICDFGPA	469	453
>KIT-L813P-v KICDFGLAR	53	>KIT-L813P-n KICDFGPAPAR	157	104
>KIT-L813P-v KICDFGLAR	30	>KIT-L813P-n KICDFGPAPAR	21	9
>KIT-L813P-v KICDFGLARD	109	>KIT-L813P-n KICDFGPARD	221	112
>KIT-L813P-v KICDFGLAR	14	>KIT-L813P-n KICDFGPAPAR	26	12
>KIT-L813P-v TKICDFGLAR	408	>KIT-L813P-n TKICDFGPAPAR	428	20
>KIT-L813P-v ITKICDFGLA	819	>KIT-L813P-n ITKICDFGPA	360	459

>KIT-L813P-vITKICDFGLAR	16	>KIT-L813P-nITKICDFGPAR	13	3
>KIT-L813P-vITKICDFGLAR	79	>KIT-L813P-nITKICDFGPAR	90	11
>KIT-L813P-vITKICDFGLAR	70	>KIT-L813P-nITKICDFGPAR	54	16
>KIT-L813P-vITKICDFGL	5	>KIT-L813P-nITKICDFGP	8504	8499
>KIT-L813P-vITKICDFGLAR	189	>KIT-L813P-nITKICDFGPAR	384	195
>KIT-L813P-vRITKICDFGLA	988	>KIT-L813P-nRITKICDFGPA	366	622
>KIT-L859P-vLWELFSLG	408	>KIT-L859P-nPWELFSLG	1482	1074
>KIT-L859P-vLWELFSLGSSI	340	>KIT-L859P-nPWELFSLGSS	1307	967
>KIT-L859P-vFLWELFSL	32360	>KIT-L859P-nFPWELFSL	36	32324
>KIT-L859P-vFLWELFSL	6	>KIT-L859P-nFPWELFSL	859	853
>KIT-L859P-vFLWELFSLG	106	>KIT-L859P-nFPWELFSLG	20799	20693
>KIT-L859P-vFLWELFSLGS	79	>KIT-L859P-nFPWELFSLGS	22504	22425
>KIT-L859P-vFLWELFSLGS!	46	>KIT-L859P-nFPWELFSLGS	19751	19705
>KIT-L859P-vFLWELFSL	3	>KIT-L859P-nFPWELFSL	1402	1399
>KIT-L859P-vFLWELFSLG	38	>KIT-L859P-nFPWELFSLG	23609	23571
>KIT-L859P-vFLWELFSLGS	204	>KIT-L859P-nFPWELFSLGS	24161	23957
>KIT-L859P-vFLWELFSLGS!	79	>KIT-L859P-nFPWELFSLGS	25639	25560
>KIT-L859P-vFLWELFSL	6	>KIT-L859P-nFPWELFSL	13917	13911
>KIT-L859P-vFLWELFSLG	243	>KIT-L859P-nFPWELFSLG	23479	23236
>KIT-L859P-vFLWELFSLGS	221	>KIT-L859P-nFPWELFSLGS	23645	23424
>KIT-L859P-vFLWELFSLGS!	45	>KIT-L859P-nFPWELFSLGS	20644	20599
>KIT-L859P-vFLWELFSL	4	>KIT-L859P-nFPWELFSL	102	98
>KIT-L859P-vFLWELFSLG	154	>KIT-L859P-nFPWELFSLG	12438	12284
>KIT-L859P-vFLWELFSLGS	165	>KIT-L859P-nFPWELFSLGS	6212	6047
>KIT-L859P-vFLWELFSLGS!	72	>KIT-L859P-nFPWELFSLGS	10045	9973
>KIT-L859P-vFLWELFSL	1	>KIT-L859P-nFPWELFSL	535	534
>KIT-L859P-vFLWELFSLG	12	>KIT-L859P-nFPWELFSLG	19155	19143
>KIT-L859P-vFLWELFSLGS	6	>KIT-L859P-nFPWELFSLGS	13793	13787
>KIT-L859P-vFLWELFSLGS!	9	>KIT-L859P-nFPWELFSLGS	16432	16423
>KIT-L859P-vFLWELFSL	2	>KIT-L859P-nFPWELFSL	4169	4167
>KIT-L859P-vFLWELFSLG	443	>KIT-L859P-nFPWELFSLG	20487	20044
>KIT-L859P-vFLWELFSLGS	110	>KIT-L859P-nFPWELFSLGS	19949	19839
>KIT-L859P-vFLWELFSLGS!	248	>KIT-L859P-nFPWELFSLGS	20784	20536
>KIT-L859P-vFLWELFSL	3	>KIT-L859P-nFPWELFSL	2078	2075
>KIT-L859P-vFLWELFSLG	110	>KIT-L859P-nFPWELFSLG	21579	21469
>KIT-L859P-vFLWELFSLGS	36	>KIT-L859P-nFPWELFSLGS	17318	17282
>KIT-L859P-vFLWELFSLGS!	110	>KIT-L859P-nFPWELFSLGS	23341	23231
>KIT-L859P-vFLWELFSL	2	>KIT-L859P-nFPWELFSL	7959	7957
>KIT-L859P-vFLWELFSL	1	>KIT-L859P-nFPWELFSL	3318	3317
>KIT-L859P-vFLWELFSLG	51	>KIT-L859P-nFPWELFSLG	35282	35231
>KIT-L859P-vFLWELFSLGS	20	>KIT-L859P-nFPWELFSLGS	32503	32483
>KIT-L859P-vFLWELFSLGS!	31	>KIT-L859P-nFPWELFSLGS	33181	33150
>KIT-L859P-vFLWELFSL	17	>KIT-L859P-nFPWELFSL	53	36

>KIT-L859P-v FLWELFSL	11970	>KIT-L859P-n FPWELFSL	30	11940
>KIT-L859P-v FLWELFSL	181	>KIT-L859P-n FPWELFSL	1324	1143
>KIT-L859P-v FLWELFSL	753	>KIT-L859P-n FPWELFSL	11	742
>KIT-L859P-v FLWELFSLG	9103	>KIT-L859P-n FPWELFSLG	79	9024
>KIT-L859P-v FLWELFSLGS!	5823	>KIT-L859P-n FPWELFSLGS	59	5764
>KIT-L859P-v FLWELFSL	597	>KIT-L859P-n FPWELFSL	50	547
>KIT-L859P-v FLWELFSL	19249	>KIT-L859P-n FPWELFSL	70	19179
>KIT-L859P-v FLWELFSL	7488	>KIT-L859P-n FPWELFSL	10	7478
>KIT-L859P-v FLWELFSL	12728	>KIT-L859P-n FPWELFSL	14	12714
>KIT-L859P-v FLWELFSLG	1026	>KIT-L859P-n FPWELFSLG	6	1020
>KIT-L859P-v FLWELFSLGS	24638	>KIT-L859P-n FPWELFSLGS	458	24180
>KIT-L859P-v FLWELFSLGS!	3118	>KIT-L859P-n FPWELFSLGS	9	3109
>KIT-L859P-v FLWELFSL	16683	>KIT-L859P-n FPWELFSL	386	16297
>KIT-L859P-v FLWELFSL	12688	>KIT-L859P-n FPWELFSL	33	12655
>KIT-L859P-v ESDVWSYGIF	463	>KIT-L859P-n ESDVWSYGIF	4089	3626
>KIT-L859P-v ESDVWSYGIF	37	>KIT-L859P-n ESDVWSYGIF	6379	6342
>KIT-L859P-v IFLWELFSL	366	>KIT-L859P-n IFPWELFSL	699	333
>KIT-L859P-v IFLWELFSL	176	>KIT-L859P-n IFPWELFSL	955	779
>KIT-L859P-v IFLWELFSL	241	>KIT-L859P-n IFPWELFSL	2232	1991
>KIT-L859P-v IFLWELFSL	88	>KIT-L859P-n IFPWELFSL	513	425
>KIT-L859P-v IFLWELFSL	182	>KIT-L859P-n IFPWELFSL	88	94
>KIT-L859P-v IFLWELFSL	29	>KIT-L859P-n IFPWELFSL	19	10
>KIT-L859P-v IFLWELFSL	18909	>KIT-L859P-n IFPWELFSL	84	18825
>KIT-L859P-v IFLWELFSL	80	>KIT-L859P-n IFPWELFSL	93	13
>KIT-L859P-v IFLWELFSL	103	>KIT-L859P-n IFPWELFSL	252	149
>KIT-L859P-v GIFLWELFSL	28	>KIT-L859P-n GIFPWELFSL	19	9
>KIT-L859P-v GIFLWELFSL	20	>KIT-L859P-n GIFPWELFSL	13	7
>KIT-L859P-v GIFLWELFSL	83	>KIT-L859P-n GIFPWELFSL	52	31
>KIT-L859P-v GIFLWELFSL	79	>KIT-L859P-n GIFPWELFSL	50	29
>KIT-L859P-v GIFLWELFSL	28	>KIT-L859P-n GIFPWELFSL	8	20
>KIT-L859P-v GIFLWELFSL	167	>KIT-L859P-n GIFPWELFSL	51	116
>KIT-L859P-v GIFLWELFSL	42	>KIT-L859P-n GIFPWELFSL	15	27
>KIT-L859P-v GIFLWELFSL	28	>KIT-L859P-n GIFPWELFSL	5	23
>KIT-L859P-v GIFLWELF	184	>KIT-L859P-n GIFPWELF	81	103
>KIT-L859P-v GIFLWELFSL	304	>KIT-L859P-n GIFPWELFSL	326	22
>KIT-L859P-v GIFLWELF	1197	>KIT-L859P-n GIFPWELF	392	805
>KIT-L859P-v GIFLWELF	3285	>KIT-L859P-n GIFPWELF	478	2807
>KIT-L859P-v YGIFLWEL	131	>KIT-L859P-n YGIFPWEL	877	746
>KIT-L859P-v YGIFLWELFSI	193	>KIT-L859P-n YGIFPWELFSI	563	370
>KIT-L859P-v YGIFLWEL	62	>KIT-L859P-n YGIFPWEL	269	207
>KIT-L859P-v YGIFLWELFSI	44	>KIT-L859P-n YGIFPWELFSI	61	17
>KIT-L859P-v YGIFLWELF	326	>KIT-L859P-n YGIFPWELF	787	461
>KIT-L859P-v YGIFLWELF	211	>KIT-L859P-n YGIFPWELF	416	205

>KIT-L859P-v YGIFLWELF	60	>KIT-L859P-n YGIFPWELF	52	8
>KIT-L859P-v SYGIFLWEL	318	>KIT-L859P-n SYGIFPWEL	1799	1481
>KIT-L859P-v SYGIFLWEL	547	>KIT-L859P-n SYGIFPWEL	489	58
>KIT-L859P-v SYGIFLWEL	275	>KIT-L859P-n SYGIFPWEL	187	88
>KIT-L859P-v SYGIFLWELF	41	>KIT-L859P-n SYGIFPWELF	35	6
>KIT-L859P-v SYGIFLWEL	126	>KIT-L859P-n SYGIFPWEL	86	40
>KIT-L859P-v SYGIFLWELF	162	>KIT-L859P-n SYGIFPWELF	157	5
>KIT-L859P-v SYGIFLWEL	6	>KIT-L859P-n SYGIFPWEL	7	1
>KIT-L859P-v SYGIFLWELF	8	>KIT-L859P-n SYGIFPWELF	9	1
>KIT-L859P-v SYGIFLWELF	286	>KIT-L859P-n SYGIFPWELF	154	132
>KIT-L859P-v SYGIFLWEL	65	>KIT-L859P-n SYGIFPWEL	162	97
>KIT-L859P-v SYGIFLWELF	18	>KIT-L859P-n SYGIFPWELF	23	5
>KIT-L859P-v SYGIFLWEL	152	>KIT-L859P-n SYGIFPWEL	124	28
>KIT-L859P-v SYGIFLWELF	375	>KIT-L859P-n SYGIFPWELF	140	235
>KIT-L859P-v WSYGIFLWEL	153	>KIT-L859P-n WSYGIFPWEI	207	54
>KIT-L859P-v WSYGIFLWEL	286	>KIT-L859P-n WSYGIFPWEI	557	271
>KIT-L859P-v WSYGIFLWEL	114	>KIT-L859P-n WSYGIFPWEI	211	97
>KIT-L859P-v WSYGIFLWEL	62	>KIT-L859P-n WSYGIFPWEI	105	43
>KIT-L859P-v WSYGIFLWEL	104	>KIT-L859P-n WSYGIFPWEI	88	16
>KIT-L859P-v WSYGIFLWEL	159	>KIT-L859P-n WSYGIFPWEI	211	52
>KIT-L859P-v WSYGIFLWEL	101	>KIT-L859P-n WSYGIFPWEI	193	92
>KIT-L859P-v WSYGIFLWEL	123	>KIT-L859P-n WSYGIFPWEI	826	703
>KIT-L859P-v WSYGIFLWEL	80	>KIT-L859P-n WSYGIFPWEI	70	10
>KIT-L859P-v WSYGIFLWEL	216	>KIT-L859P-n WSYGIFPWEI	265	49
>KIT-L859P-v WSYGIFLWEL	582	>KIT-L859P-n WSYGIFPWEI	477	105
>KIT-L859P-v WSYGIFLWEL	66	>KIT-L859P-n WSYGIFPWEI	57	9
>KIT-L859P-v WSYGIFLW	4	>KIT-L859P-n WSYGIFPW	4	0
>KIT-L859P-v WSYGIFLWEL	23	>KIT-L859P-n WSYGIFPWEI	23	0
>KIT-L859P-v WSYGIFLWEL	8	>KIT-L859P-n WSYGIFPWEI	8	0
>KIT-L859P-v WSYGIFLW	3659	>KIT-L859P-n WSYGIFPW	471	3188
>KIT-L859P-v WSYGIFLWEL	256	>KIT-L859P-n WSYGIFPWEI	329	73
>KIT-L859P-v WSYGIFLWEL	577	>KIT-L859P-n WSYGIFPWEI	282	295
>KIT-L859P-v WSYGIFLW	97	>KIT-L859P-n WSYGIFPW	158	61
>KIT-L859P-v WSYGIFLW	32	>KIT-L859P-n WSYGIFPW	32	0
>KIT-L859P-v WSYGIFLWEL	178	>KIT-L859P-n WSYGIFPWEI	239	61
>KIT-L859P-v WSYGIFLW	9	>KIT-L859P-n WSYGIFPW	10	1
>KIT-L859P-v WSYGIFLWEL	429	>KIT-L859P-n WSYGIFPWEI	410	19
>KIT-L859P-v WSYGIFLWEL	44	>KIT-L859P-n WSYGIFPWEI	85	41
>KIT-L859P-v WSYGIFLWEL	304	>KIT-L859P-n WSYGIFPWEI	422	118
>KIT-L859P-v WSYGIFLWEL	387	>KIT-L859P-n WSYGIFPWEI	278	109
>KIT-L859P-v WSYGIFLW	137	>KIT-L859P-n WSYGIFPW	681	544
>KIT-L859P-v WSYGIFLWE	288	>KIT-L859P-n WSYGIFPWE	540	252
>KIT-L859P-v WSYGIFLWEL	69	>KIT-L859P-n WSYGIFPWEI	36	33

>KIT-L859P-v WSYGIFLWEL	5	>KIT-L859P-n WSYGIFPWEI	5	0
>KIT-L859P-v WSYGIFLW	25	>KIT-L859P-n WSYGIFPW	31	6
>KIT-L859P-v WSYGIFLW	43	>KIT-L859P-n WSYGIFPW	49	6
>KIT-L859P-v VWSYGIFLWI	187	>KIT-L859P-n VWSYGIFPW	467	280
>KIT-L859P-v VWSYGIFLWI	441	>KIT-L859P-n VWSYGIFPW	1191	750
>KIT-L859P-v VWSYGIFLW	200	>KIT-L859P-n VWSYGIFPW	622	422
>KIT-L859P-v VWSYGIFLWI	309	>KIT-L859P-n VWSYGIFPW	287	22
>KIT-L859P-v VWSYGIFLW	103	>KIT-L859P-n VWSYGIFPW	334	231
>KIT-L859P-v VWSYGIFLWI	421	>KIT-L859P-n VWSYGIFPW	390	31
>KIT-L859P-v VWSYGIFL	406	>KIT-L859P-n VWSYGIFP	18644	18238
>KIT-L859P-v VWSYGIFLW	266	>KIT-L859P-n VWSYGIFPW	647	381
>KIT-L859P-v VWSYGIFLWI	60	>KIT-L859P-n VWSYGIFPW	86	26
>KIT-L859P-v VWSYGIFLW	196	>KIT-L859P-n VWSYGIFPW	769	573
>KIT-L859P-v VWSYGIFLW	295	>KIT-L859P-n VWSYGIFPW	271	24
>KIT-L859P-v VWSYGIFLWI	460	>KIT-L859P-n VWSYGIFPW	961	501
>KIT-L859P-v VWSYGIFL	53	>KIT-L859P-n VWSYGIFP	148	95
>KIT-L859P-v VWSYGIFLW	207	>KIT-L859P-n VWSYGIFPW	192	15
>KIT-L859P-v VWSYGIFLWI	71	>KIT-L859P-n VWSYGIFPW	73	2
>KIT-L859P-v DVWSYGIFL	452	>KIT-L859P-n DVWSYGIFP	19416	18964
>KIT-L859P-v DVWSYGIFL	15	>KIT-L859P-n DVWSYGIFP	5787	5772
>KIT-M351I-\ MNRTFTDK	36	>KIT-M351I-r INRTFTDK	283	247
>KIT-M351I-\ MNRTFTDKV	492	>KIT-M351I-r INRTFTDKW	331	161
>KIT-M351I-\ MNRTFTDKV	38	>KIT-M351I-r INRTFTDKW	408	370
>KIT-M351I-\ YMNRTFTDK	72	>KIT-M351I-r YINRTFTDK	181	109
>KIT-M351I-\ YMNRTFTDK	108	>KIT-M351I-r YINRTFTDK	97	11
>KIT-M351I-\ YMNRTFTDK	446	>KIT-M351I-r YINRTFTDK	2351	1905
>KIT-M351I-\ YMNRTFTDK	700	>KIT-M351I-r YINRTFTDK	207	493
>KIT-M351I-\ YMNRTFTDK	86	>KIT-M351I-r YINRTFTDK	3336	3250
>KIT-M351I-\ YMNRTFTDK'	218	>KIT-M351I-r YINRTFTDKW	4193	3975
>KIT-M351I-\ YMNRTFTDK'	312	>KIT-M351I-r YINRTFTDKW	624	312
>KIT-M351I-\ YMNRTFTDK'	19	>KIT-M351I-r YINRTFTDKW	29	10
>KIT-M351I-\ YMNRTFTDK'	151	>KIT-M351I-r YINRTFTDKW	179	28
>KIT-M351I-\ YMNRTFTDK'	112	>KIT-M351I-r YINRTFTDKW	554	442
>KIT-M351I-\ IYMNRTFTDK	169	>KIT-M351I-r IYINRTFTDK	742	573
>KIT-M351I-\ IYMNRTFTDK	45	>KIT-M351I-r IYINRTFTDKV	35	10
>KIT-M351I-\ IYMNRTFTD	368	>KIT-M351I-r IYINRTFTD	603	235
>KIT-M351I-\ IYMNRTFTDK	43	>KIT-M351I-r IYINRTFTDKV	65	22
>KIT-M351I-\ IYMNRTFTDK	8	>KIT-M351I-r IYINRTFTDKV	13	5
>KIT-M351I-\ IYMNRTFTDK	400	>KIT-M351I-r IYINRTFTDK	1128	728
>KIT-M351I-\ IYMNRTFTDK	463	>KIT-M351I-r IYINRTFTDK	1131	668
>KIT-M351I-\ IYMNRTFTDK	237	>KIT-M351I-r IYINRTFTDKV	883	646
>KIT-M351I-\ IYMNRTFTDK	396	>KIT-M351I-r IYINRTFTDKV	296	100
>KIT-M351I-\ IYMNRTFTDK	335	>KIT-M351I-r IYINRTFTDK	585	250

>KIT-M351I-\\IYMNRTFTDK	264	>KIT-M351I-r IYINRTFTDK	390	126
>KIT-M351I-\\WIYMNRTFTD	175	>KIT-M351I-r WIYINRTFTD	261	86
>KIT-M351I-\\WIYMNRTFTD	105	>KIT-M351I-r WIYINRTFTD	157	52
>KIT-M351I-\\WIYMNRTF	83	>KIT-M351I-r WIYINRTF	182	99
>KIT-M351I-\\WIYMNRTF	159	>KIT-M351I-r WIYINRTF	189	30
>KIT-M351I-\\WIYMNRTF	24	>KIT-M351I-r WIYINRTF	49	25
>KIT-M351I-\\WIYMNRTF	68	>KIT-M351I-r WIYINRTF	57	11
>KIT-M351I-\\WIYMNRTF	139	>KIT-M351I-r WIYINRTF	195	56
>KIT-M351I-\\QWIYMNRTF	48	>KIT-M351I-r QWIYINRTF	44	4
>KIT-M351I-\\QWIYMNRTF	123	>KIT-M351I-r QWIYINRTF	100	23
>KIT-M351I-\\QWIYMNRTF	104	>KIT-M351I-r QWIYINRTF	63	41
>KIT-M351I-\\QWIYMNRTF	518	>KIT-M351I-r QWIYINRTF	223	295
>KIT-M351I-\\QWIYMNRT	429	>KIT-M351I-r QWIYINRT	409	20
>KIT-M351I-\\QWIYMNRTF	159	>KIT-M351I-r QWIYINRTF	151	8
>KIT-M351I-\\QWIYMNRTF	419	>KIT-M351I-r QWIYINRTFT	692	273
>KIT-M351I-\\QQWIYMNRT	249	>KIT-M351I-r QQWIYINRTF	361	112
>KIT-M351I-\\QQWIYMNRT	17	>KIT-M351I-r QQWIYINR	19	2
>KIT-M351I-\\QQWIYMNRT	138	>KIT-M351I-r QQWIYINRTF	103	35
>KIT-M351I-\\QQWIYMNRT	197	>KIT-M351I-r QQWIYINRTF	207	10
>KIT-M351I-\\QQWIYMNRT	278	>KIT-M351I-r QQWIYINR	444	166
>KIT-M351I-\\QQWIYMNRT	5	>KIT-M351I-r QQWIYINRTF	4	1
>KIT-M351I-\\QQWIYMNRT	936	>KIT-M351I-r QQWIYINR	498	438
>KIT-M351I-\\QQWIYMNRT	36	>KIT-M351I-r QQWIYINR	32	4
>KIT-M351I-\\HQQWIYMNI	182	>KIT-M351I-r HQQWIYINR	358	176
>KIT-M351I-\\HQQWIYMNI	469	>KIT-M351I-r HQQWIYINRT	648	179
>KIT-M351I-\\HQQWIYMNI	10	>KIT-M351I-r HQQWIYINR	10	0
>KIT-M351I-\\HQQWIYMNI	63	>KIT-M351I-r HQQWIYINRT	54	9
>KIT-M351I-\\HQQWIYMNI	137	>KIT-M351I-r HQQWIYINR	218	81
>KIT-M351I-\\HQQWIYMNI	182	>KIT-M351I-r HQQWIYINR	293	111
>KIT-M351I-\\HQQWIYMNI	137	>KIT-M351I-r HQQWIYINRT	178	41
>KIT-M351I-\\HQQWIYMNI	21	>KIT-M351I-r HQQWIYINRT	27	6
>KIT-M351I-\\HQQWIYMNI	729	>KIT-M351I-r HQQWIYINR	474	255
>KIT-M351I-\\HQQWIYMNI	229	>KIT-M351I-r HQQWIYINRT	212	17
>KIT-M351I-\\HQQWIYMNI	23	>KIT-M351I-r HQQWIYINR	24	1
>KIT-M351I-\\EHQQWIYMF	495	>KIT-M351I-r EHQQWIYINF	698	203
>KIT-M351I-\\EHQQWIYMF	151	>KIT-M351I-r EHQQWIYINF	145	6
>KIT-M351I-\\PEHQQWIYV	1854	>KIT-M351I-r PEHQQWIYI	38	1816
>KIT-M351I-\\PEHQQWIYV	544	>KIT-M351I-r PEHQQWIYI	461	83
>KIT-M351I-\\PEHQQWIYV	526	>KIT-M351I-r PEHQQWIYI	34	492
>KIT-M351I-\\PEHQQWIYV	163	>KIT-M351I-r PEHQQWIYIN	179	16
>KIT-M351I-\\KPEHQQWIYI	246	>KIT-M351I-r KPEHQQWIYI	909	663
>KIT-M541L- MILTYKYL	8	>KIT-M541L- LILTYKYL	20	12
>KIT-M541L- MILTYKYL	78	>KIT-M541L- LILTYKYL	350	272

>KIT-M541L-MILTYKYL	95	>KIT-M541L-LILTYKYL	426	331
>KIT-M541L-MILTYKYL	84	>KIT-M541L-LILTYKYL	302	218
>KIT-M541L-MILTYKYL	18	>KIT-M541L-LILTYKYL	40	22
>KIT-M541L-MILTYKYL	499	>KIT-M541L-LILTYKYL	823	324
>KIT-M541L-MILTYKYL	208	>KIT-M541L-LILTYKYL	479	271
>KIT-M541L-MILTYKYL	52	>KIT-M541L-LILTYKYL	87	35
>KIT-M541L-MILTYKYLQK	18	>KIT-M541L-LILTYKYLQK	27	9
>KIT-M541L-MILTYKYLQK	18	>KIT-M541L-LILTYKYLQK	25	7
>KIT-M541L-MILTYKYLQK	32	>KIT-M541L-LILTYKYLQK	185	153
>KIT-M541L-MILTYKYLQK	209	>KIT-M541L-LILTYKYLQK	615	406
>KIT-M541L-MILTYKYLQK	161	>KIT-M541L-LILTYKYLQK	1146	985
>KIT-M541L-MILTYKYL	178	>KIT-M541L-LILTYKYL	1427	1249
>KIT-M541L-MILTYKYL	211	>KIT-M541L-LILTYKYL	785	574
>KIT-M541L-MILTYKYLQK	260	>KIT-M541L-LILTYKYLQK	862	602
>KIT-M541L-VMILTYKYL	36	>KIT-M541L-VLILTYKYL	315	279
>KIT-M541L-VMILTYKYL	310	>KIT-M541L-VLILTYKYL	333	23
>KIT-M541L-VMILTYKYL	124	>KIT-M541L-VLILTYKYL	198	74
>KIT-M541L-VMILTYKYL	14	>KIT-M541L-VLILTYKYL	20	6
>KIT-M541L-VMILTYKYL	57	>KIT-M541L-VLILTYKYL	82	25
>KIT-M541L-VMILTYKYL	137	>KIT-M541L-VLILTYKYL	157	20
>KIT-M541L-VMILTYKYL	189	>KIT-M541L-VLILTYKYL	344	155
>KIT-M541L-VMILTYKYL	31	>KIT-M541L-VLILTYKYL	20	11
>KIT-M541L-VMILTYKYLQ	110	>KIT-M541L-VLILTYKYLQK	132	22
>KIT-M541L-VMILTYKYLQ	24	>KIT-M541L-VLILTYKYLQK	61	37
>KIT-M541L-VMILTYKY	9	>KIT-M541L-VLILTYKY	19	10
>KIT-M541L-VMILTYKY	35	>KIT-M541L-VLILTYKY	105	70
>KIT-M541L-VMILTYKY	190	>KIT-M541L-VLILTYKY	166	24
>KIT-M541L-VMILTYKY	167	>KIT-M541L-VLILTYKY	612	445
>KIT-M541L-VMILTYKY	43	>KIT-M541L-VLILTYKY	555	512
>KIT-M541L-VMILTYKYL	104	>KIT-M541L-VLILTYKYL	911	807
>KIT-M541L-VMILTYKY	233	>KIT-M541L-VLILTYKY	841	608
>KIT-M541L-IVAGMMCIIV	1309	>KIT-M541L-IVAGMMCIIV	162	1147
>KIT-M541L-IVAGMMCIIV	1462	>KIT-M541L-IVAGMMCIIV	295	1167
>KIT-M541L-IVAGMMCIIV	2651	>KIT-M541L-IVAGMMCIIV	57	2594
>KIT-M541L-IVAGMMCIIV	81	>KIT-M541L-IVAGMMCIIV	792	711
>KIT-M541L-IVAGMMCIIV	2116	>KIT-M541L-IVAGMMCIIV	274	1842
>KIT-M541L-IVAGMMCIIV	289	>KIT-M541L-IVAGMMCIIV	3991	3702
>KIT-M541L-IVAGMMCIIV	75	>KIT-M541L-IVAGMMCIIV	527	452
>KIT-M541L-IVMILTYKYL	293	>KIT-M541L-IVLILTYKYL	794	501
>KIT-M541L-IVMILTYKYL	105	>KIT-M541L-IVLILTYKYL	322	217
>KIT-M541L-IVMILTYKYL	139	>KIT-M541L-IVLILTYKYL	452	313
>KIT-M541L-IVMILTYKYL	187	>KIT-M541L-IVLILTYKYL	259	72
>KIT-M541L-IVMILTYKYL	363	>KIT-M541L-IVLILTYKYL	158	205

>KIT-M541L-·IVMILTYKYL	321	>KIT-M541L-·IVLILTYKYL	972	651
>KIT-M541L-·IVMILTYK	45	>KIT-M541L-·IVLILTYK	84	39
>KIT-M541L-·IVMILTYK	9	>KIT-M541L-·IVLILTYK	16	7
>KIT-M541L-·IVMILTYKY	30	>KIT-M541L-·IVLILTYKY	200	170
>KIT-M541L-·IVMILTYKY	8	>KIT-M541L-·IVLILTYKY	7	1
>KIT-M541L-·IVMILTYK	141	>KIT-M541L-·IVLILTYK	114	27
>KIT-M541L-·IVMILTYKY	16	>KIT-M541L-·IVLILTYKY	25	9
>KIT-M541L-·IVMILTYK	36	>KIT-M541L-·IVLILTYK	49	13
>KIT-M541L-·IVMILTYKY	86	>KIT-M541L-·IVLILTYKY	192	106
>KIT-M541L-·IVMILTYK	14	>KIT-M541L-·IVLILTYK	73	59
>KIT-M541L-·IVMILTYKY	316	>KIT-M541L-·IVLILTYKY	2356	2040
>KIT-M541L-·IVMILTYKY	10	>KIT-M541L-·IVLILTYKY	9	1
>KIT-M541L-·IVMILTYKY	61	>KIT-M541L-·IVLILTYKY	66	5
>KIT-M541L-·IVMILTYKY	92	>KIT-M541L-·IVLILTYKY	174	82
>KIT-M541L-·IVMILTYKY	250	>KIT-M541L-·IVLILTYKY	895	645
>KIT-M541L-·IVMILTYKY	253	>KIT-M541L-·IVLILTYKY	301	48
>KIT-M541L-·IVMILTYKY	378	>KIT-M541L-·IVLILTYKY	955	577
>KIT-M541L-·IVMILTYK	559	>KIT-M541L-·IVLILTYK	368	191
>KIT-M541L-·IIVMILTYKYL	187	>KIT-M541L-·IIVLILTYKYL	260	73
>KIT-M541L-·IIVMILTYKYL	251	>KIT-M541L-·IIVLILTYKYL	269	18
>KIT-M541L-·IIVMILTYKYL	239	>KIT-M541L-·IIVLILTYKYL	476	237
>KIT-M541L-·IIVMILTYKYL	193	>KIT-M541L-·IIVLILTYKYL	243	50
>KIT-M541L-·IIVMILTYKYL	231	>KIT-M541L-·IIVLILTYKYL	707	476
>KIT-M541L-·IIVMILTYKYL	281	>KIT-M541L-·IIVLILTYKYL	919	638
>KIT-M541L-·IIVMILTYK	71	>KIT-M541L-·IIVLILTYK	94	23
>KIT-M541L-·IIVMILTYK	21	>KIT-M541L-·IIVLILTYK	27	6
>KIT-M541L-·IIVMILTYKY	311	>KIT-M541L-·IIVLILTYKY	522	211
>KIT-M541L-·IIVMILTY	195	>KIT-M541L-·IIVLILTY	255	60
>KIT-M541L-·IIVMILTYKY	222	>KIT-M541L-·IIVLILTYKY	276	54
>KIT-M541L-·IIVMILTY	25	>KIT-M541L-·IIVLILTY	25	0
>KIT-M541L-·IIVMILTYKY	73	>KIT-M541L-·IIVLILTYKY	77	4
>KIT-M541L-·IIVMILTY	131	>KIT-M541L-·IIVLILTY	314	183
>KIT-M541L-·IIVMILTYKY	53	>KIT-M541L-·IIVLILTYKY	51	2
>KIT-M541L-·IIVMILTYK	75	>KIT-M541L-·IIVLILTYK	150	75
>KIT-M541L-·IIVMILTYK	15	>KIT-M541L-·IIVLILTYK	24	9
>KIT-M541L-·IIVMILTYKY	453	>KIT-M541L-·IIVLILTYKY	864	411
>KIT-M541L-·IIVMILTY	55	>KIT-M541L-·IIVLILTY	78	23
>KIT-M541L-·IIVMILTYKY	58	>KIT-M541L-·IIVLILTYKY	94	36
>KIT-M541L-·IIVMILTY	211	>KIT-M541L-·IIVLILTY	520	309
>KIT-M541L-·IIVMILTY	69	>KIT-M541L-·IIVLILTY	116	47
>KIT-M541L-·IIVMILTYKY	326	>KIT-M541L-·IIVLILTYKY	530	204
>KIT-M541L-·IIVMILTY	396	>KIT-M541L-·IIVLILTY	574	178
>KIT-M541L-·IIVMILTY	135	>KIT-M541L-·IIVLILTY	166	31



>KIT-M541L- IIVMILTYKY	303	>KIT-M541L- IIVLILTYKY	372	69
>KIT-M541L- CIIVMILTYK	33	>KIT-M541L- CIIVLILTYK	41	8
>KIT-M541L- CIIVMILTYK	19	>KIT-M541L- CIIVLILTYK	24	5
>KIT-M541L- CIIVMILTY	98	>KIT-M541L- CIIVLILTY	126	28
>KIT-M541L- CIIVMILTYKY	132	>KIT-M541L- CIIVLILTYKY	155	23
>KIT-M541L- CIIVMILTY	19	>KIT-M541L- CIIVLILTY	22	3
>KIT-M541L- CIIVMILTYKY	14	>KIT-M541L- CIIVLILTYKY	15	1
>KIT-M541L- CIIVMILTY	312	>KIT-M541L- CIIVLILTY	359	47
>KIT-M541L- CIIVMILTYKY	91	>KIT-M541L- CIIVLILTYKY	98	7
>KIT-M541L- CIIVMILTYK	368	>KIT-M541L- CIIVLILTYK	514	146
>KIT-M541L- CIIVMILTYK	9	>KIT-M541L- CIIVLILTYK	11	2
>KIT-M541L- CIIVMILTY	51	>KIT-M541L- CIIVLILTY	29	22
>KIT-M541L- CIIVMILTYKY	69	>KIT-M541L- CIIVLILTYKY	48	21
>KIT-M541L- CIIVMILTY	352	>KIT-M541L- CIIVLILTY	317	35
>KIT-M541L- CIIVMILTY	371	>KIT-M541L- CIIVLILTY	591	220
>KIT-M541L- CIIVMILTY	155	>KIT-M541L- CIIVLILTY	162	7
>KIT-M541L- CIIVMILTYKY	351	>KIT-M541L- CIIVLILTYKY	352	1
>KIT-M541L- CIIVMILTY	163	>KIT-M541L- CIIVLILTY	162	1
>KIT-M541L- CIIVMILTYKY	84	>KIT-M541L- CIIVLILTYKY	82	2
>KIT-M541L- MCIIVMILTY	77	>KIT-M541L- MCIIVLILTY	247	170
>KIT-M541L- MCIIVMILTY	222	>KIT-M541L- MCIIVLILTY	358	136
>KIT-M541L- MCIIVMILTYK	255	>KIT-M541L- MCIIVLILTYK	331	76
>KIT-M541L- MCIIVMILTYK	71	>KIT-M541L- MCIIVLILTYK	88	17
>KIT-M541L- MCIIVMIL	271	>KIT-M541L- MCIIVLIL	1215	944
>KIT-M541L- MCIIVMILTY	35	>KIT-M541L- MCIIVLILTY	42	7
>KIT-M541L- MCIIVMILTY	348	>KIT-M541L- MCIIVLILTY	631	283
>KIT-M541L- MCIIVMILTY	193	>KIT-M541L- MCIIVLILTY	192	1
>KIT-M541L- MMCIIVMI	38	>KIT-M541L- MMCIIVLI	33	5
>KIT-M541L- MMCIIVMIL	58	>KIT-M541L- MMCIIVLIL	56	2
>KIT-M541L- MMCIIVMILT	299	>KIT-M541L- MMCIIVLILT	153	146
>KIT-M541L- MMCIIVMI	25	>KIT-M541L- MMCIIVLI	18	7
>KIT-M541L- MMCIIVMIL	38	>KIT-M541L- MMCIIVLIL	63	25
>KIT-M541L- MMCIIVMILT	308	>KIT-M541L- MMCIIVLILT	203	105
>KIT-M541L- MMCIIVMI	32	>KIT-M541L- MMCIIVLI	31	1
>KIT-M541L- MMCIIVMIL	33	>KIT-M541L- MMCIIVLIL	91	58
>KIT-M541L- MMCIIVMILT	338	>KIT-M541L- MMCIIVLILT	205	133
>KIT-M541L- MMCIIVMI	359	>KIT-M541L- MMCIIVLI	316	43
>KIT-M541L- MMCIIVMILT	500	>KIT-M541L- MMCIIVLILT	270	230
>KIT-M541L- MMCIIVMI	4	>KIT-M541L- MMCIIVLI	6	2
>KIT-M541L- MMCIIVMIL	12	>KIT-M541L- MMCIIVLIL	14	2
>KIT-M541L- MMCIIVMILT	94	>KIT-M541L- MMCIIVLILT	68	26
>KIT-M541L- MMCIIVMI	487	>KIT-M541L- MMCIIVLI	501	14
>KIT-M541L- MMCIIVMIL	390	>KIT-M541L- MMCIIVLIL	778	388

>KIT-M541L-MMCIIVMI	79	>KIT-M541L-MMCIIVLI	112	33
>KIT-M541L-MMCIIVMIL	140	>KIT-M541L-MMCIIVLIL	161	21
>KIT-M541L-MMCIIVMI	273	>KIT-M541L-MMCIIVLI	498	225
>KIT-M541L-MMCIIVMIL	255	>KIT-M541L-MMCIIVLIL	558	303
>KIT-M541L-MMCIIVMI	12	>KIT-M541L-MMCIIVLI	14	2
>KIT-M541L-MMCIIVMIL	7	>KIT-M541L-MMCIIVLIL	11	4
>KIT-M541L-MMCIIVMILT	312	>KIT-M541L-MMCIIVLILT	242	70
>KIT-M541L-MMCIIVMILT	205	>KIT-M541L-MMCIIVLILTY	235	30
>KIT-M541L-MMCIIVMILT	198	>KIT-M541L-MMCIIVLILTY	232	34
>KIT-M541L-MMCIIVMILT	7	>KIT-M541L-MMCIIVLILTY	7	0
>KIT-M541L-MMCIIVMILT	33	>KIT-M541L-MMCIIVLILTY	34	1
>KIT-M541L-MMCIIVMI	223	>KIT-M541L-MMCIIVLI	289	66
>KIT-M541L-MMCIIVMILT	288	>KIT-M541L-MMCIIVLILTY	282	6
>KIT-M541L-MMCIIVMILT	11	>KIT-M541L-MMCIIVLILTY	7	4
>KIT-M541L-MMCIIVMILT	52	>KIT-M541L-MMCIIVLILTY	48	4
>KIT-M541L-MMCIIVMIL	191	>KIT-M541L-MMCIIVLIL	353	162
>KIT-M541L-MMCIIVMILT	35	>KIT-M541L-MMCIIVLILTY	41	6
>KIT-M541L-MMCIIVMILT	56	>KIT-M541L-MMCIIVLILTY	43	13
>KIT-M541L-MMCIIVMILT	63	>KIT-M541L-MMCIIVLILTY	65	2
>KIT-M541L-MMCIIVMIL	214	>KIT-M541L-MMCIIVLIL	242	28
>KIT-M541L-GMMCIIVM	22	>KIT-M541L-GMMCIIVL	11	11
>KIT-M541L-GMMCIIVMI	8	>KIT-M541L-GMMCIIVLI	8	0
>KIT-M541L-GMMCIIVMII	44	>KIT-M541L-GMMCIIVLIL	54	10
>KIT-M541L-GMMCIIVMII	33	>KIT-M541L-GMMCIIVLIL	30	3
>KIT-M541L-GMMCIIVM	43	>KIT-M541L-GMMCIIVL	7	36
>KIT-M541L-GMMCIIVMI	5	>KIT-M541L-GMMCIIVLI	4	1
>KIT-M541L-GMMCIIVMII	19	>KIT-M541L-GMMCIIVLIL	26	7
>KIT-M541L-GMMCIIVMII	42	>KIT-M541L-GMMCIIVLIL	32	10
>KIT-M541L-GMMCIIVM	96	>KIT-M541L-GMMCIIVL	16	80
>KIT-M541L-GMMCIIVMI	8	>KIT-M541L-GMMCIIVLI	7	1
>KIT-M541L-GMMCIIVMII	55	>KIT-M541L-GMMCIIVLIL	66	11
>KIT-M541L-GMMCIIVMII	74	>KIT-M541L-GMMCIIVLIL	63	11
>KIT-M541L-GMMCIIVM	272	>KIT-M541L-GMMCIIVL	42	230
>KIT-M541L-GMMCIIVMI	45	>KIT-M541L-GMMCIIVLI	34	11
>KIT-M541L-GMMCIIVMII	205	>KIT-M541L-GMMCIIVLIL	257	52
>KIT-M541L-GMMCIIVMII	471	>KIT-M541L-GMMCIIVLIL	316	155
>KIT-M541L-GMMCIIVM	21	>KIT-M541L-GMMCIIVL	5	16
>KIT-M541L-GMMCIIVMI	3	>KIT-M541L-GMMCIIVLI	4	1
>KIT-M541L-GMMCIIVMII	8	>KIT-M541L-GMMCIIVLIL	10	2
>KIT-M541L-GMMCIIVMII	48	>KIT-M541L-GMMCIIVLIL	34	14
>KIT-M541L-GMMCIIVM	11	>KIT-M541L-GMMCIIVL	3	8
>KIT-M541L-GMMCIIVMI	4	>KIT-M541L-GMMCIIVLI	4	0
>KIT-M541L-GMMCIIVMII	4	>KIT-M541L-GMMCIIVLIL	5	1

>KIT-M541L-GMMCIIVMII	113	>KIT-M541L-GMMCIIVLII	66	47
>KIT-M541L-GMMCIIVM	303	>KIT-M541L-GMMCIIVL	29	274
>KIT-M541L-GMMCIIVMI	22	>KIT-M541L-GMMCIIVLI	29	7
>KIT-M541L-GMMCIIVMII	30	>KIT-M541L-GMMCIIVLII	37	7
>KIT-M541L-GMMCIIVMII	511	>KIT-M541L-GMMCIIVLII	409	102
>KIT-M541L-GMMCIIVM	67	>KIT-M541L-GMMCIIVL	9	58
>KIT-M541L-GMMCIIVMI	10	>KIT-M541L-GMMCIIVLI	12	2
>KIT-M541L-GMMCIIVMII	10	>KIT-M541L-GMMCIIVLII	15	5
>KIT-M541L-GMMCIIVM	375	>KIT-M541L-GMMCIIVL	17	358
>KIT-M541L-GMMCIIVMI	39	>KIT-M541L-GMMCIIVLI	41	2
>KIT-M541L-GMMCIIVMII	17	>KIT-M541L-GMMCIIVLII	26	9
>KIT-M541L-GMMCIIVM	1184	>KIT-M541L-GMMCIIVL	269	915
>KIT-M541L-GMMCIIVMI	30	>KIT-M541L-GMMCIIVLI	45	15
>KIT-M541L-GMMCIIVMII	134	>KIT-M541L-GMMCIIVLII	137	3
>KIT-M541L-GMMCIIVM	72	>KIT-M541L-GMMCIIVL	216	144
>KIT-M541L-GMMCIIVM	61	>KIT-M541L-GMMCIIVL	134	73
>KIT-M541L-GMMCIIVMI	157	>KIT-M541L-GMMCIIVLI	383	226
>KIT-M541L-GMMCIIVMII	76	>KIT-M541L-GMMCIIVLII	133	57
>KIT-M541L-GMMCIIVM	1345	>KIT-M541L-GMMCIIVL	250	1095
>KIT-M541L-GMMCIIVM	1661	>KIT-M541L-GMMCIIVL	253	1408
>KIT-M541L-GMMCIIVMI	642	>KIT-M541L-GMMCIIVLI	351	291
>KIT-M541L-GMMCIIVMII	168	>KIT-M541L-GMMCIIVLII	200	32
>KIT-M541L-GMMCIIVMI	106	>KIT-M541L-GMMCIIVLI	110	4
>KIT-M541L-GMMCIIVMII	329	>KIT-M541L-GMMCIIVLII	1306	977
>KIT-M541L-GMMCIIVMII	1527	>KIT-M541L-GMMCIIVLII	335	1192
>KIT-M552I-\ MYEVQWKV	246	>KIT-M552I-r IYEVQWKV	911	665
>KIT-M552I-\ MYEVQWKV	488	>KIT-M552I-r IYEVQWKV	2608	2120
>KIT-M552I-\ PMYEVQWK\	17	>KIT-M552I-r PIYEVQWKV	168	151
>KIT-M552I-\ PMYEVQWK\	18	>KIT-M552I-r PIYEVQWKV	169	151
>KIT-M552I-\ PMYEVQWK\	48	>KIT-M552I-r PIYEVQWKV	687	639
>KIT-M552I-\ PMYEVQWK\	33	>KIT-M552I-r PIYEVQWKV	109	76
>KIT-M552I-\ PMYEVQWK\	1	>KIT-M552I-r PIYEVQWKV	2	1
>KIT-M552I-\ PMYEVQWK\	4	>KIT-M552I-r PIYEVQWKV\	26	22
>KIT-M552I-\ PMYEVQWK\	5	>KIT-M552I-r PIYEVQWKV	133	128
>KIT-M552I-\ PMYEVQWK\	97	>KIT-M552I-r PIYEVQWKV\	1775	1678
>KIT-M552I-\ PMYEVQWK\	4	>KIT-M552I-r PIYEVQWKV	6	2
>KIT-M552I-\ PMYEVQWK\	11	>KIT-M552I-r PIYEVQWKV\	73	62
>KIT-M552I-\ PMYEVQWK\	3	>KIT-M552I-r PIYEVQWKV	16	13
>KIT-M552I-\ PMYEVQWK\	54	>KIT-M552I-r PIYEVQWKV\	965	911
>KIT-M552I-\ PMYEVQWK\	2	>KIT-M552I-r PIYEVQWKV	5	3
>KIT-M552I-\ PMYEVQWK\	10	>KIT-M552I-r PIYEVQWKV\	68	58
>KIT-M552I-\ PMYEVQWK	129	>KIT-M552I-r PIYEVQWK	401	272
>KIT-M552I-\ PMYEVQWK\	145	>KIT-M552I-r PIYEVQWKV	56	89

>KIT-M552I-\ ILTYKYLQKPI	1356	>KIT-M552I-r ILTYKYLQKPI	337	1019
>KIT-M552I-\ ILTYKYLQKPI	1862	>KIT-M552I-r ILTYKYLQKPI	155	1707
>KIT-M552I-\ ILTYKYLQKPI	2329	>KIT-M552I-r ILTYKYLQKPI	318	2011
>KIT-M552I-\ KPMYEVQW\	157	>KIT-M552I-r KPIYEVQW\	788	631
>KIT-M552I-\ KPMYEVQW\	136	>KIT-M552I-r KPIYEVQW\	684	548
>KIT-M552I-\ KPMYEVQW	20	>KIT-M552I-r KPIYEVQW	25	5
>KIT-M552I-\ KPMYEVQW\	68	>KIT-M552I-r KPIYEVQW\	138	70
>KIT-M552I-\ KPMYEVQW	199	>KIT-M552I-r KPIYEVQW	243	44
>KIT-M552I-\ KPMYEVQW	9	>KIT-M552I-r KPIYEVQW	8	1
>KIT-M552I-\ LQKPMYEV	327	>KIT-M552I-r LQKPIYEV	108	219
>KIT-M552I-\ LQKPMYEV	48	>KIT-M552I-r LQKPIYEV	34	14
>KIT-M552I-\ LQKPMYEV	34	>KIT-M552I-r LQKPIYEV	18	16
>KIT-M552I-\ LQKPMYEV	1276	>KIT-M552I-r LQKPIYEV	369	907
>KIT-M552I-\ LQKPMYEV	318	>KIT-M552I-r LQKPIYEV	178	140
>KIT-M552I-\ LQKPMYEVQ	243	>KIT-M552I-r LQKPIYEVQM	286	43
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>KIT-M552I-\ LQKPMYEV	403	>KIT-M552I-r LQKPIYEV	473	70
>KIT-M552I-\ LQKPMYEVQ	230	>KIT-M552I-r LQKPIYEVQ	354	124
>KIT-M552I-\ LQKPMYEVQ	247	>KIT-M552I-r LQKPIYEVQM	369	122
>KIT-M552I-\ LQKPMYEV	155	>KIT-M552I-r LQKPIYEV	123	32
>KIT-M552I-\ LQKPMYEVQ	225	>KIT-M552I-r LQKPIYEVQM	273	48
>KIT-M552I-\ LQKPMYEVQ	168	>KIT-M552I-r LQKPIYEVQM	206	38
>KIT-M552I-\ LQKPMYEVQ	230	>KIT-M552I-r LQKPIYEVQM	581	351
>KIT-M552I-\ YLQKPMYEV	7	>KIT-M552I-r YLQKPIYEV	7	0
>KIT-M552I-\ YLQKPMYEV	5	>KIT-M552I-r YLQKPIYEV	5	0
>KIT-M552I-\ YLQKPMYEV	7	>KIT-M552I-r YLQKPIYEV	6	1
>KIT-M552I-\ YLQKPMYEV	13	>KIT-M552I-r YLQKPIYEV	14	1
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>KIT-M552I-\ YLQKPMYEV	3	>KIT-M552I-r YLQKPIYEV	2	1
>KIT-M552I-\ YLQKPMYEV	2	>KIT-M552I-r YLQKPIYEV	1	1
>KIT-M552I-\ YLQKPMYEV(	77	>KIT-M552I-r YLQKPIYEVQ	41	36
>KIT-M552I-\ YLQKPMYEV	93	>KIT-M552I-r YLQKPIYEV	121	28
>KIT-M552I-\ YLQKPMYEV	55	>KIT-M552I-r YLQKPIYEV	91	36
>KIT-M552I-\ YLQKPMYEV(	124	>KIT-M552I-r YLQKPIYEVQ'	196	72
>KIT-M552I-\ KYLQKPMYEV\	100	>KIT-M552I-r KYLQKPIYEV	35	65
>KIT-M552I-\ KYLQKPMYEV\	307	>KIT-M552I-r KYLQKPIYEV	137	170
>KIT-M552I-\ KYLQKPMY	159	>KIT-M552I-r KYLQKPIY	913	754
>KIT-M552I-\ KYLQKPMYEV\	28	>KIT-M552I-r KYLQKPIYEV	38	10
>KIT-M552I-\ KYLQKPMYEV\	360	>KIT-M552I-r KYLQKPIYEV(	539	179
>KIT-M552I-\ KYLQKPMY	89	>KIT-M552I-r KYLQKPIY	265	176

>KIT-M552I-\ KYLQKPMYE\	471	>KIT-M552I-r KYLQKPIYEV	564	93
>KIT-M552I-\ KYLQKPMY	93	>KIT-M552I-r KYLQKPIY	93	0
>KIT-M552I-\ KYLQKPMY	160	>KIT-M552I-r KYLQKPIY	200	40
>KIT-M552I-\ KYLQKPMYE	82	>KIT-M552I-r KYLQKPIYE	95	13
>KIT-M552I-\ KYLQKPMYE\	121	>KIT-M552I-r KYLQKPIYEV\	104	17
>KIT-M552I-\ KYLQKPMYE	331	>KIT-M552I-r KYLQKPIYE	530	199
>KIT-M552I-\ KYLQKPMYE\	56	>KIT-M552I-r KYLQKPIYEV	70	14
>KIT-M552I-\ KYLQKPMYE\	391	>KIT-M552I-r KYLQKPIYEV\	455	64
>KIT-M552I-\ YKYLQKPMYE	499	>KIT-M552I-r YKYLQKPIYEV	684	185
>KIT-M552I-\ YKYLQKPMYE	447	>KIT-M552I-r YKYLQKPIYEV	365	82
>KIT-M552I-\ YKYLQKPMYE	121	>KIT-M552I-r YKYLQKPIYEV	81	40
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>KIT-M552I-\ YKYLQKPMY	153	>KIT-M552I-r YKYLQKPIY	694	541
>KIT-M552I-\ YKYLQKPM	8	>KIT-M552I-r YKYLQKPI	16	8
>KIT-M552I-\ YKYLQKPMY	9	>KIT-M552I-r YKYLQKPIY	8	1
>KIT-M552I-\ YKYLQKPMYE	39	>KIT-M552I-r YKYLQKPIYEV	34	5
>KIT-M552I-\ YKYLQKPM	1249	>KIT-M552I-r YKYLQKPI	76	1173
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>KIT-M552I-\ TYKYLQKPM\	100	>KIT-M552I-r TYKYLQKPIY	119	19
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>KIT-M552I-\ LTYKYLQKPM	3271	>KIT-M552I-r LTYKYLQKPI	129	3142
>KIT-M552I-\ LTYKYLQKPM	2361	>KIT-M552I-r LTYKYLQKPI	321	2040
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>KIT-M552I-\ LTYKYLQKPM	117	>KIT-M552I-r LTYKYLQKPI	5826	5709
>KIT-M552I-\ LTYKYLQKPM	73	>KIT-M552I-r LTYKYLQKPIY	80	7
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>KIT-M552I-\ LTYKYLQKPM	6	>KIT-M552I-r LTYKYLQKPI	19	13
>KIT-M552I-\ LTYKYLQKPM	4	>KIT-M552I-r LTYKYLQKPIY	5	1
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>KIT-M552I-\ LTYKYLQKPM	6	>KIT-M552I-r LTYKYLQKPIY	9	3
>KIT-M552K- MYEVQWKV	246	>KIT-M552K- KYEVQWKV	504	258

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>KIT-M552K- PMYEVQWKV	17	>KIT-M552K- PKYEVQWKV	17006	16989
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>KIT-M552K- PMYEVQWKV	48	>KIT-M552K- PKYEVQWKV	16651	16603
>KIT-M552K- PMYEVQWKV	33	>KIT-M552K- PKYEVQWKV	6208	6175
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>KIT-M552K- PMYEVQWKV	11	>KIT-M552K- PKYEVQWKV	2948	2937
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>KIT-M552K- PMYEVQWKV	54	>KIT-M552K- PKYEVQWKV	15443	15389
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>KIT-M552K- KPMYEVQWV	68	>KIT-M552K- KPKYEVQWK	375	307
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>KIT-M552K- KPMYEVQW	9	>KIT-M552K- KPKYEVQW	37	28
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>KIT-M552K- LQKPMYEVQ	230	>KIT-M552K- LQKPKYEVQ	498	268
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>KIT-M552K- LQKPMYEV	155	>KIT-M552K- LQKPKYEV	254	99
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>KIT-M552K- YLQKPMYEV	5	>KIT-M552K- YLQKPKYEV	32	27
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>KIT-M552K- YLQKPMYEV	13	>KIT-M552K- YLQKPKYEV	162	149
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>KIT-M552K-YLQKPMYEV	93	>KIT-M552K-YLQKPKYEV	540	447
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>KIT-M552K-KYLQKPMYEV	82	>KIT-M552K-KYLQKPKYEV	318	236
>KIT-M552K-KYLQKPMYEV	121	>KIT-M552K-KYLQKPKYEV	186	65
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>KIT-M552K-KYLQKPMYEV	56	>KIT-M552K-KYLQKPKYEV	116	60
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>KIT-M552K-YKYLQKPM	8	>KIT-M552K-YKYLQKPK	118	110
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>KIT-M552K-YKYLQKPMYEV	39	>KIT-M552K-YKYLQKPKYEV	57	18
>KIT-M552K-TYKYLQKPM	498	>KIT-M552K-TYKYLQKPK	27449	26951
>KIT-M552K-TYKYLQKPM\	100	>KIT-M552K-TYKYLQKPKY	101	1
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>KIT-M552K-TYKYLQKPM\	348	>KIT-M552K-TYKYLQKPKY	401	53
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>KIT-M552K-TYKYLQKPM	13982	>KIT-M552K-TYKYLQKPK	388	13594
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>KIT-M552K-LTYKYLQKPM	29	>KIT-M552K-LTYKYLQKPK\	43	14
>KIT-M552K-LTYKYLQKPM	2412	>KIT-M552K-LTYKYLQKPK	34	2378

>KIT-M552K- LTYKYLQKPM	74	>KIT-M552K- LTYKYLQKPK`	81	7
>KIT-M552K- LTYKYLQKPM	31163	>KIT-M552K- LTYKYLQKPK	385	30778
>KIT-M552K- LTYKYLQKPM	198	>KIT-M552K- LTYKYLQKPK	14242	14044
>KIT-M552K- LTYKYLQKPM	149	>KIT-M552K- LTYKYLQKPK`	442	293
>KIT-M552K- LTYKYLQKPM	59	>KIT-M552K- LTYKYLQKPK	1693	1634
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>KIT-M552K- LTYKYLQKPM	4	>KIT-M552K- LTYKYLQKPK`	4	0
>KIT-M552K- LTYKYLQKPM	576	>KIT-M552K- LTYKYLQKPK`	453	123
>KIT-M552K- LTYKYLQKPM	488	>KIT-M552K- LTYKYLQKPK	18010	17522
>KIT-M552K- LTYKYLQKPM	37	>KIT-M552K- LTYKYLQKPK	10933	10896
>KIT-M552K- LTYKYLQKPM	6	>KIT-M552K- LTYKYLQKPK`	13	7
>KIT-M552K- LTYKYLQKPM	7864	>KIT-M552K- LTYKYLQKPK	341	7523
>KIT-M552L- MYEVQWKV	246	>KIT-M552L- LYEVQWKV	385	139
>KIT-M552L- MYEVQWKV	488	>KIT-M552L- LYEVQWKV	1733	1245
>KIT-M552L- PMYEVQWK\	17	>KIT-M552L- PLYEVQWKV	19	2
>KIT-M552L- PMYEVQWK\	18	>KIT-M552L- PLYEVQWKV	15	3
>KIT-M552L- PMYEVQWK\	48	>KIT-M552L- PLYEVQWKV	57	9
>KIT-M552L- PMYEVQWK\	33	>KIT-M552L- PLYEVQWKV	49	16
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>KIT-M552L- PMYEVQWK\	4	>KIT-M552L- PLYEVQWKV'	4	0
>KIT-M552L- PMYEVQWK\	5	>KIT-M552L- PLYEVQWKV	7	2
>KIT-M552L- PMYEVQWK\	97	>KIT-M552L- PLYEVQWKV'	139	42
>KIT-M552L- PMYEVQWK\	4	>KIT-M552L- PLYEVQWKV	4	0
>KIT-M552L- PMYEVQWK\	11	>KIT-M552L- PLYEVQWKV'	12	1
>KIT-M552L- PMYEVQWK\	3	>KIT-M552L- PLYEVQWKV	3	0
>KIT-M552L- PMYEVQWK\	54	>KIT-M552L- PLYEVQWKV'	68	14
>KIT-M552L- PMYEVQWK\	2	>KIT-M552L- PLYEVQWKV	2	0
>KIT-M552L- PMYEVQWK\	10	>KIT-M552L- PLYEVQWKV'	8	2
>KIT-M552L- PMYEVQWK	129	>KIT-M552L- PLYEVQWK	158	29
>KIT-M552L- PMYEVQWK\	145	>KIT-M552L- PLYEVQWKV	202	57
>KIT-M552L- ILTYKYLQKPM	1356	>KIT-M552L- ILTYKYLQKPL	99	1257
>KIT-M552L- ILTYKYLQKPM	1862	>KIT-M552L- ILTYKYLQKPL	300	1562
>KIT-M552L- ILTYKYLQKPM	2329	>KIT-M552L- ILTYKYLQKPL	60	2269
>KIT-M552L- ILTYKYLQKPM	793	>KIT-M552L- ILTYKYLQKPL	366	427
>KIT-M552L- KPMYEVQW\	157	>KIT-M552L- KPLYEVQWK\	1635	1478
>KIT-M552L- KPMYEVQW\	136	>KIT-M552L- KPLYEVQWK\	1083	947
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>KIT-M552L- KPMYEVQW\	68	>KIT-M552L- KPLYEVQWK\	201	133
>KIT-M552L- KPMYEVQW	199	>KIT-M552L- KPLYEVQW	551	352
>KIT-M552L- KPMYEVQW	9	>KIT-M552L- KPLYEVQW	7	2
>KIT-M552L- LQKPMYEV	327	>KIT-M552L- LQKPLYEV	186	141
>KIT-M552L- LQKPMYEV	48	>KIT-M552L- LQKPLYEV	46	2



>KIT-M552L- LQKPMYEV	34	>KIT-M552L- LQKPLYEV	21	13
>KIT-M552L- LQKPMYEV	318	>KIT-M552L- LQKPLYEV	372	54
>KIT-M552L- LQKPMYEVQ	243	>KIT-M552L- LQKPLYEVQV	312	69
>KIT-M552L- LQKPMYEVQ	415	>KIT-M552L- LQKPLYEVQV	423	8
>KIT-M552L- LQKPMYEV	403	>KIT-M552L- LQKPLYEV	385	18
>KIT-M552L- LQKPMYEVQ	230	>KIT-M552L- LQKPLYEVQ	218	12
>KIT-M552L- LQKPMYEVQ	247	>KIT-M552L- LQKPLYEVQV	289	42
>KIT-M552L- LQKPMYEV	155	>KIT-M552L- LQKPLYEV	156	1
>KIT-M552L- LQKPMYEVQ	225	>KIT-M552L- LQKPLYEVQV	276	51
>KIT-M552L- LQKPMYEVQ	168	>KIT-M552L- LQKPLYEVQV	287	119
>KIT-M552L- LQKPMYEVQ	230	>KIT-M552L- LQKPLYEVQV	309	79
>KIT-M552L- YLQKPMYEV	7	>KIT-M552L- YLQKPLYEV	7	0
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>KIT-M552L- YLQKPMYEV	7	>KIT-M552L- YLQKPLYEV	6	1
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>KIT-M552L- YLQKPMYEV	1	>KIT-M552L- YLQKPLYEV	1	0
>KIT-M552L- YLQKPMYEVQ	999	>KIT-M552L- YLQKPLYEVQ	499	500
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>KIT-M552L- YLQKPMYEV	3	>KIT-M552L- YLQKPLYEV	2	1
>KIT-M552L- YLQKPMYEV	2	>KIT-M552L- YLQKPLYEV	1	1
>KIT-M552L- YLQKPMYEVQ	77	>KIT-M552L- YLQKPLYEVQ	62	15
>KIT-M552L- YLQKPMYEV	93	>KIT-M552L- YLQKPLYEV	259	166
>KIT-M552L- YLQKPMYEV	55	>KIT-M552L- YLQKPLYEV	88	33
>KIT-M552L- YLQKPMYEVQ	124	>KIT-M552L- YLQKPLYEVQ	233	109
>KIT-M552L- KYLQKPMYEV	100	>KIT-M552L- KYLQKPLYEV	66	34
>KIT-M552L- KYLQKPMYEV	307	>KIT-M552L- KYLQKPLYEV	211	96
>KIT-M552L- KYLQKPMY	159	>KIT-M552L- KYLQKPLY	619	460
>KIT-M552L- KYLQKPMYEV	28	>KIT-M552L- KYLQKPLYEV	34	6
>KIT-M552L- KYLQKPMYEV	360	>KIT-M552L- KYLQKPLYEVQ	481	121
>KIT-M552L- KYLQKPMY	89	>KIT-M552L- KYLQKPLY	34	55
>KIT-M552L- KYLQKPMYEV	471	>KIT-M552L- KYLQKPLYEV	606	135
>KIT-M552L- KYLQKPMY	93	>KIT-M552L- KYLQKPLY	95	2
>KIT-M552L- KYLQKPMY	160	>KIT-M552L- KYLQKPLY	32	128
>KIT-M552L- KYLQKPMYEV	82	>KIT-M552L- KYLQKPLYE	75	7
>KIT-M552L- KYLQKPMYEV	121	>KIT-M552L- KYLQKPLYEVQ	97	24
>KIT-M552L- KYLQKPMYEV	652	>KIT-M552L- KYLQKPLYEV	492	160
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>KIT-M552L- KYLQKPMYEV	56	>KIT-M552L- KYLQKPLYEV	57	1
>KIT-M552L- KYLQKPMYEV	391	>KIT-M552L- KYLQKPLYEVQ	377	14
>KIT-M552L- YKYLQKPMYEV	499	>KIT-M552L- YKYLQKPLYEV	397	102
>KIT-M552L- YKYLQKPMYEV	447	>KIT-M552L- YKYLQKPLYEV	262	185
>KIT-M552L- YKYLQKPMYEV	121	>KIT-M552L- YKYLQKPLYEV	92	29

>KIT-M552L-YKYLQKPMYE	356	>KIT-M552L-YKYLQKPLYE\	276	80
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>KIT-M552L-YKYLQKPMY	153	>KIT-M552L-YKYLQKPLY	54	99
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>KIT-M552L-YKYLQKPMYE	39	>KIT-M552L-YKYLQKPLYE\	49	10
>KIT-M552L-YKYLQKPM	633	>KIT-M552L-YKYLQKPL	119	514
>KIT-M552L-YKYLQKPM	3890	>KIT-M552L-YKYLQKPL	412	3478
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>KIT-M552L-LTYKYLQKPM	422	>KIT-M552L-LTYKYLQKPLY	203	219
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>KIT-M552T-PMYEVQWK\	4	>KIT-M552T-PTYEVQWKV	74	70
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>KIT-M552T- PMYEVQWK\	3	>KIT-M552T- PTYEVQWKV	511	508
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>KIT-M552T- PMYEVQWK	129	>KIT-M552T- PTYEVQWK	578	449
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>KIT-M552T- PMYEVQWK	3061	>KIT-M552T- PTYEVQWK	280	2781
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>KIT-M552T- PMYEVQWK\	145	>KIT-M552T- PTYEVQWKV	20	125
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>KIT-M552T- KPMYEVQW\	68	>KIT-M552T- KPTYEVQWK'	330	262
>KIT-M552T- KPMYEVQW	199	>KIT-M552T- KPTYEVQW	614	415
>KIT-M552T- KPMYEVQW	9	>KIT-M552T- KPTYEVQW	12	3
>KIT-M552T- LQKPMYEV	327	>KIT-M552T- LQKPTYEV	357	30
>KIT-M552T- LQKPMYEV	48	>KIT-M552T- LQKPTYEV	56	8
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>KIT-M552T- LQKPMYEVQ	230	>KIT-M552T- LQKPTYEVQ	187	43
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>KIT-M552T- LQKPMYEV	155	>KIT-M552T- LQKPTYEV	47	108
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>KIT-M552T- LQKPMYEVQ	1131	>KIT-M552T- LQKPTYEVQV	432	699
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>KIT-M552T- LQKPMYEVQ	168	>KIT-M552T- LQKPTYEVQV	266	98
>KIT-M552T- LQKPMYEVQ	230	>KIT-M552T- LQKPTYEVQV	363	133
>KIT-M552T- YLQKPMYEV	7	>KIT-M552T- YLQKPTYEV	7	0
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>KIT-M552T- YLQKPMYEV	6	>KIT-M552T- YLQKPTYEV	6	0
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>KIT-M552T- YLQKPMYEV	2	>KIT-M552T- YLQKPTYEV	2	0
>KIT-M552T- YLQKPMYEV\	77	>KIT-M552T- YLQKPTYEVQ	58	19

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>KIT-M552T- YLQKPMYEVQ	124	>KIT-M552T- YLQKPTYEVQ	268	144
>KIT-M552T- YLQKPMYEVQ	721	>KIT-M552T- YLQKPTYEVQ	430	291
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>KIT-M552T- KYLQKPMYEV	307	>KIT-M552T- KYLQKPTYEV	238	69
>KIT-M552T- KYLQKPMY	159	>KIT-M552T- KYLQKPTY	325	166
>KIT-M552T- KYLQKPMYEV	28	>KIT-M552T- KYLQKPTYEV	47	19
>KIT-M552T- KYLQKPMYEV	360	>KIT-M552T- KYLQKPTYEV	724	364
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>KIT-M552T- KYLQKPMY	93	>KIT-M552T- KYLQKPTY	87	6
>KIT-M552T- KYLQKPMY	160	>KIT-M552T- KYLQKPTY	352	192
>KIT-M552T- KYLQKPMYE	82	>KIT-M552T- KYLQKPTYE	327	245
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>KIT-M552T- KYLQKPMYEV	56	>KIT-M552T- KYLQKPTYEV	96	40
>KIT-M552T- KYLQKPMYEV	391	>KIT-M552T- KYLQKPTYEV	411	20
>KIT-M552T- YKYLQKPMYEV	499	>KIT-M552T- YKYLQKPTYEV	452	47
>KIT-M552T- YKYLQKPMYEV	447	>KIT-M552T- YKYLQKPTYEV	459	12
>KIT-M552T- YKYLQKPMYEV	121	>KIT-M552T- YKYLQKPTYEV	103	18
>KIT-M552T- YKYLQKPMYEV	356	>KIT-M552T- YKYLQKPTYEV	246	110
>KIT-M552T- YKYLQKPMYEV	365	>KIT-M552T- YKYLQKPTYEV	222	143
>KIT-M552T- YKYLQKPMY	153	>KIT-M552T- YKYLQKPTY	337	184
>KIT-M552T- YKYLQKPM	8	>KIT-M552T- YKYLQKPT	540	532
>KIT-M552T- YKYLQKPMY	9	>KIT-M552T- YKYLQKPTY	6	3
>KIT-M552T- YKYLQKPMYEV	39	>KIT-M552T- YKYLQKPTYEV	31	8
>KIT-M552T- TYKYLQKPM	498	>KIT-M552T- TYKYLQKPT	12905	12407
>KIT-M552T- TYKYLQKPM	100	>KIT-M552T- TYKYLQKPTY	155	55
>KIT-M552T- TYKYLQKPM	348	>KIT-M552T- TYKYLQKPTY	628	280
>KIT-M552T- LTYKYLQKPM	422	>KIT-M552T- LTYKYLQKPT	536	114
>KIT-M552T- LTYKYLQKPM	117	>KIT-M552T- LTYKYLQKPT	16239	16122
>KIT-M552T- LTYKYLQKPM	73	>KIT-M552T- LTYKYLQKPT	59	14
>KIT-M552T- LTYKYLQKPM	29	>KIT-M552T- LTYKYLQKPT	46	17
>KIT-M552T- LTYKYLQKPM	74	>KIT-M552T- LTYKYLQKPT	70	4
>KIT-M552T- LTYKYLQKPM	198	>KIT-M552T- LTYKYLQKPT	10988	10790
>KIT-M552T- LTYKYLQKPM	149	>KIT-M552T- LTYKYLQKPT	88	61
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>KIT-M552T- LTYKYLQKPM	37	>KIT-M552T- LTYKYLQKPT	6922	6885
>KIT-M552T- LTYKYLQKPM	6	>KIT-M552T- LTYKYLQKPT	8	2
>KIT-M552T- LTYKYLQKPM	1700	>KIT-M552T- LTYKYLQKPT	262	1438
>KIT-M552V- MYEVQWKV	246	>KIT-M552V- VYEVQWKV	705	459
>KIT-M552V- MYEVQWKV	488	>KIT-M552V- VYEVQWKV	2202	1714
>KIT-M552V- PMYEVQWKV	17	>KIT-M552V- PVYEVQWKV	334	317
>KIT-M552V- PMYEVQWKV	18	>KIT-M552V- PVYEVQWKV	400	382
>KIT-M552V- PMYEVQWKV	48	>KIT-M552V- PVYEVQWKV	1511	1463
>KIT-M552V- PMYEVQWKV	33	>KIT-M552V- PVYEVQWKV	110	77
>KIT-M552V- PMYEVQWKV	1	>KIT-M552V- PVYEVQWKV	4	3
>KIT-M552V- PMYEVQWKV	4	>KIT-M552V- PVYEVQWKV	60	56
>KIT-M552V- PMYEVQWKV	5	>KIT-M552V- PVYEVQWKV	310	305
>KIT-M552V- PMYEVQWKV	97	>KIT-M552V- PVYEVQWKV	2714	2617
>KIT-M552V- PMYEVQWKV	4	>KIT-M552V- PVYEVQWKV	8	4
>KIT-M552V- PMYEVQWKV	11	>KIT-M552V- PVYEVQWKV	153	142
>KIT-M552V- PMYEVQWKV	3	>KIT-M552V- PVYEVQWKV	37	34
>KIT-M552V- PMYEVQWKV	54	>KIT-M552V- PVYEVQWKV	1567	1513
>KIT-M552V- PMYEVQWKV	2	>KIT-M552V- PVYEVQWKV	8	6
>KIT-M552V- PMYEVQWKV	10	>KIT-M552V- PVYEVQWKV	170	160
>KIT-M552V- PMYEVQWK	129	>KIT-M552V- PVYEVQWK	440	311
>KIT-M552V- PMYEVQWKV	2625	>KIT-M552V- PVYEVQWKV	130	2495
>KIT-M552V- PMYEVQWKV	145	>KIT-M552V- PVYEVQWKV	33	112
>KIT-M552V- ILTYKYLQKPM	4843	>KIT-M552V- ILTYKYLQKPV	252	4591
>KIT-M552V- ILTYKYLQKPM	1356	>KIT-M552V- ILTYKYLQKPV	63	1293
>KIT-M552V- ILTYKYLQKPM	1862	>KIT-M552V- ILTYKYLQKPV	29	1833
>KIT-M552V- ILTYKYLQKPM	5129	>KIT-M552V- ILTYKYLQKPV	53	5076
>KIT-M552V- ILTYKYLQKPM	6101	>KIT-M552V- ILTYKYLQKPV	106	5995
>KIT-M552V- ILTYKYLQKPM	9287	>KIT-M552V- ILTYKYLQKPV	59	9228
>KIT-M552V- ILTYKYLQKPM	14397	>KIT-M552V- ILTYKYLQKPV	338	14059
>KIT-M552V- ILTYKYLQKPM	2329	>KIT-M552V- ILTYKYLQKPV	6	2323
>KIT-M552V- KPMYEVQWV	157	>KIT-M552V- KPVYEVQWK	1253	1096
>KIT-M552V- KPMYEVQWV	136	>KIT-M552V- KPVYEVQWK	736	600
>KIT-M552V- KPMYEVQW	20	>KIT-M552V- KPVYEVQW	25	5
>KIT-M552V- KPMYEVQWV	68	>KIT-M552V- KPVYEVQWK	250	182
>KIT-M552V- KPMYEVQW	199	>KIT-M552V- KPVYEVQW	524	325
>KIT-M552V- KPMYEVQW	9	>KIT-M552V- KPVYEVQW	9	0
>KIT-M552V- LQKPMYEV	327	>KIT-M552V- LQKPVYEV	209	118
>KIT-M552V- LQKPMYEV	48	>KIT-M552V- LQKPVYEV	34	14
>KIT-M552V- LQKPMYEV	34	>KIT-M552V- LQKPVYEV	20	14
>KIT-M552V- LQKPMYEV	1276	>KIT-M552V- LQKPVYEV	251	1025
>KIT-M552V- LQKPMYEV	318	>KIT-M552V- LQKPVYEV	363	45

>KIT-M552V-LQKPMYEVQ	243	>KIT-M552V-LQKPVYEVQ\	305	62
>KIT-M552V-LQKPMYEVQ	415	>KIT-M552V-LQKPVYEVQ\	395	20
>KIT-M552V-LQKPMYEV	403	>KIT-M552V-LQKPVYEV	328	75
>KIT-M552V-LQKPMYEVQ	230	>KIT-M552V-LQKPVYEVQ	257	27
>KIT-M552V-LQKPMYEVQ	247	>KIT-M552V-LQKPVYEVQ\	281	34
>KIT-M552V-LQKPMYEV	155	>KIT-M552V-LQKPVYEV	107	48
>KIT-M552V-LQKPMYEVQ	225	>KIT-M552V-LQKPVYEVQ\	223	2
>KIT-M552V-LQKPMYEVQ	935	>KIT-M552V-LQKPVYEVQ\	434	501
>KIT-M552V-LQKPMYEVQ	168	>KIT-M552V-LQKPVYEVQ\	220	52
>KIT-M552V-LQKPMYEVQ	230	>KIT-M552V-LQKPVYEVQ\	474	244
>KIT-M552V-YLQKPMYEV	7	>KIT-M552V-YLQKPVYEV	7	0
>KIT-M552V-YLQKPMYEV	5	>KIT-M552V-YLQKPVYEV	5	0
>KIT-M552V-YLQKPMYEV	7	>KIT-M552V-YLQKPVYEV	5	2
>KIT-M552V-YLQKPMYEV	13	>KIT-M552V-YLQKPVYEV	26	13
>KIT-M552V-YLQKPMYEV	1	>KIT-M552V-YLQKPVYEV	1	0
>KIT-M552V-YLQKPMYEV(\	999	>KIT-M552V-YLQKPVYEV\	247	752
>KIT-M552V-YLQKPMYEV	2	>KIT-M552V-YLQKPVYEV	2	0
>KIT-M552V-YLQKPMYEV	6	>KIT-M552V-YLQKPVYEV	5	1
>KIT-M552V-YLQKPMYEV	3	>KIT-M552V-YLQKPVYEV	2	1
>KIT-M552V-YLQKPMYEV	2	>KIT-M552V-YLQKPVYEV	2	0
>KIT-M552V-YLQKPMYEV(\	77	>KIT-M552V-YLQKPVYEV\	62	15
>KIT-M552V-YLQKPMYEV	93	>KIT-M552V-YLQKPVYEV	187	94
>KIT-M552V-YLQKPMYEV	55	>KIT-M552V-YLQKPVYEV	87	32
>KIT-M552V-YLQKPMYEV(\	124	>KIT-M552V-YLQKPVYEV\	175	51
>KIT-M552V-YLQKPMYEV(\	721	>KIT-M552V-YLQKPVYEV\	327	394
>KIT-M552V-KYLQKPMYEV	100	>KIT-M552V-KYLQKPVYEV	45	55
>KIT-M552V-KYLQKPMYEV	307	>KIT-M552V-KYLQKPVYEV	139	168
>KIT-M552V-KYLQKPMY	159	>KIT-M552V-KYLQKPVY	346	187
>KIT-M552V-KYLQKPMYEV	28	>KIT-M552V-KYLQKPVYEV	29	1
>KIT-M552V-KYLQKPMYEV	360	>KIT-M552V-KYLQKPVYEV	399	39
>KIT-M552V-KYLQKPMY	89	>KIT-M552V-KYLQKPVY	296	207
>KIT-M552V-KYLQKPMYEV	471	>KIT-M552V-KYLQKPVYEV	795	324
>KIT-M552V-KYLQKPMY	93	>KIT-M552V-KYLQKPVY	85	8
>KIT-M552V-KYLQKPMY	160	>KIT-M552V-KYLQKPVY	427	267
>KIT-M552V-KYLQKPMYEV	82	>KIT-M552V-KYLQKPVYEV	68	14
>KIT-M552V-KYLQKPMYEV	121	>KIT-M552V-KYLQKPVYEV	150	29
>KIT-M552V-KYLQKPMYEV	331	>KIT-M552V-KYLQKPVYEV	450	119
>KIT-M552V-KYLQKPMYEV	56	>KIT-M552V-KYLQKPVYEV	72	16
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>KIT-M552V-YKYLQKPMYEV	447	>KIT-M552V-YKYLQKPVYEV	515	68
>KIT-M552V-YKYLQKPMYEV	121	>KIT-M552V-YKYLQKPVYEV	80	41
>KIT-M552V-YKYLQKPMYEV	356	>KIT-M552V-YKYLQKPVYEV	229	127

>KIT-M552V- YKYLQKPMYE	365	>KIT-M552V- YKYLQKPVYE'	229	136
>KIT-M552V- YKYLQKPMY	153	>KIT-M552V- YKYLQKPVY	802	649
>KIT-M552V- YKYLQKPM	8	>KIT-M552V- YKYLQKPV	20	12
>KIT-M552V- YKYLQKPMY	9	>KIT-M552V- YKYLQKPVY	6	3
>KIT-M552V- YKYLQKPMYE	39	>KIT-M552V- YKYLQKPVYE'	29	10
>KIT-M552V- TYKYLQKPM	498	>KIT-M552V- TYKYLQKPV	498	0
>KIT-M552V- TYKYLQKPM\	100	>KIT-M552V- TYKYLQKPVY	122	22
>KIT-M552V- TYKYLQKPM	711	>KIT-M552V- TYKYLQKPV	434	277
>KIT-M552V- TYKYLQKPM\	348	>KIT-M552V- TYKYLQKPVY	610	262
>KIT-M552V- LTYKYLQKPM	1924	>KIT-M552V- LTYKYLQKPV	484	1440
>KIT-M552V- LTYKYLQKPM	3707	>KIT-M552V- LTYKYLQKPV	202	3505
>KIT-M552V- LTYKYLQKPM	2361	>KIT-M552V- LTYKYLQKPV	27	2334
>KIT-M552V- LTYKYLQKPM	14779	>KIT-M552V- LTYKYLQKPV	309	14470
>KIT-M552V- LTYKYLQKPM	18115	>KIT-M552V- LTYKYLQKPV	112	18003
>KIT-M552V- LTYKYLQKPM	422	>KIT-M552V- LTYKYLQKPV'	654	232
>KIT-M552V- LTYKYLQKPM	117	>KIT-M552V- LTYKYLQKPV	8201	8084
>KIT-M552V- LTYKYLQKPM	73	>KIT-M552V- LTYKYLQKPV'	58	15
>KIT-M552V- LTYKYLQKPM	29	>KIT-M552V- LTYKYLQKPV'	79	50
>KIT-M552V- LTYKYLQKPM	74	>KIT-M552V- LTYKYLQKPV'	70	4
>KIT-M552V- LTYKYLQKPM	5130	>KIT-M552V- LTYKYLQKPV	130	5000
>KIT-M552V- LTYKYLQKPM	522	>KIT-M552V- LTYKYLQKPV	47	475
>KIT-M552V- LTYKYLQKPM	198	>KIT-M552V- LTYKYLQKPV	2662	2464
>KIT-M552V- LTYKYLQKPM	149	>KIT-M552V- LTYKYLQKPV'	69	80
>KIT-M552V- LTYKYLQKPM	59	>KIT-M552V- LTYKYLQKPV	260	201
>KIT-M552V- LTYKYLQKPM	95	>KIT-M552V- LTYKYLQKPV'	68	27
>KIT-M552V- LTYKYLQKPM	6	>KIT-M552V- LTYKYLQKPV	94	88
>KIT-M552V- LTYKYLQKPM	4	>KIT-M552V- LTYKYLQKPV'	4	0
>KIT-M552V- LTYKYLQKPM	576	>KIT-M552V- LTYKYLQKPV'	215	361
>KIT-M552V- LTYKYLQKPM	488	>KIT-M552V- LTYKYLQKPV	1683	1195
>KIT-M552V- LTYKYLQKPM	37	>KIT-M552V- LTYKYLQKPV	685	648
>KIT-M552V- LTYKYLQKPM	6	>KIT-M552V- LTYKYLQKPV'	9	3
>KIT-M651V- HMNIVNLL	410	>KIT-M651V- HVNIVNLL	7089	6679
>KIT-M651V- HMNIVNLL	11	>KIT-M651V- HVNIVNLL	160	149
>KIT-M651V- HMNIVNLLG,	450	>KIT-M651V- HVNIVNLLGA	4588	4138
>KIT-M651V- HMNIVNLL	48	>KIT-M651V- HVNIVNLL	992	944
>KIT-M651V- HMNIVNLLG,	160	>KIT-M651V- HVNIVNLLGA	1252	1092
>KIT-M651V- HMNIVNLL	41	>KIT-M651V- HVNIVNLL	5518	5477
>KIT-M651V- HMNIVNLLG,	74	>KIT-M651V- HVNIVNLLGA	7223	7149
>KIT-M651V- HMNIVNLLG,	346	>KIT-M651V- HVNIVNLLGA	13557	13211
>KIT-M651V- HMNIVNLL	187	>KIT-M651V- HVNIVNLL	11932	11745
>KIT-M651V- HMNIVNLLG,	469	>KIT-M651V- HVNIVNLLGA	13322	12853
>KIT-M651V- HMNIVNLL	116	>KIT-M651V- HVNIVNLL	7991	7875
>KIT-M651V- HMNIVNLLG,	270	>KIT-M651V- HVNIVNLLGA	10941	10671

>KIT-M651V- HMNIVNLL	45	>KIT-M651V- HVNIVNLL	4815	4770
>KIT-M651V- HMNIVNLLG,	158	>KIT-M651V- HVNIVNLLGA	10900	10742
>KIT-M651V- HMNIVNLLG,	1639	>KIT-M651V- HVNIVNLLGA	396	1243
>KIT-M651V- HMNIVNLL	1537	>KIT-M651V- HVNIVNLL	41	1496
>KIT-M651V- HMNIVNLL	434	>KIT-M651V- HVNIVNLL	5078	4644
>KIT-M651V- LKVLSYLGNI	19	>KIT-M651V- LKVLSYLGNI	73	54
>KIT-M651V- NHMIVNLL	242	>KIT-M651V- NHVIVNLL	1256	1014
>KIT-M651V- NHMIVNL	361	>KIT-M651V- NHVIVNL	1023	662
>KIT-M651V- NHMIVNLL	171	>KIT-M651V- NHVIVNLL	480	309
>KIT-M651V- NHMIVNL	15	>KIT-M651V- NHVIVNL	51	36
>KIT-M651V- NHMIVNLL	9	>KIT-M651V- NHVIVNLL	19	10
>KIT-M651V- LGNHMIVNI	604	>KIT-M651V- LGNHVIVNI	442	162
>KIT-M651V- YLGNHMNI	45	>KIT-M651V- YLGNHVNI	42	3
>KIT-M651V- YLGNHMNI	27	>KIT-M651V- YLGNHVNI	21	6
>KIT-M651V- YLGNHMNI	23	>KIT-M651V- YLGNHVNI	22	1
>KIT-M651V- YLGNHMNI	22	>KIT-M651V- YLGNHVNI	17	5
>KIT-M651V- YLGNHMNI	5	>KIT-M651V- YLGNHVNI	5	0
>KIT-M651V- YLGNHMNI	6	>KIT-M651V- YLGNHVNI	6	0
>KIT-M651V- YLGNHMNI	9	>KIT-M651V- YLGNHVNI	14	5
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>KIT-M651V- YLGNHMNI	10	>KIT-M651V- YLGNHVNI	10	0
>KIT-M651V- YLGNHMNI	205	>KIT-M651V- YLGNHVNI	245	40
>KIT-M651V- YLGNHMNI	26	>KIT-M651V- YLGNHVNI	40	14
>KIT-M651V- YLGNHMNI	111	>KIT-M651V- YLGNHVNI	156	45
>KIT-M651V- YLGNHMNI	5	>KIT-M651V- YLGNHVNI	3	2
>KIT-M651V- YLGNHMNI	4	>KIT-M651V- YLGNHVNI	2	2
>KIT-M651V- YLGNHMNI	5	>KIT-M651V- YLGNHVNI	3	2
>KIT-M651V- YLGNHMNI	6	>KIT-M651V- YLGNHVNI	5	1
>KIT-M651V- YLGNHMNI	3	>KIT-M651V- YLGNHVNI	2	1
>KIT-M651V- YLGNHMNI	4	>KIT-M651V- YLGNHVNI	4	0
>KIT-M651V- YLGNHMNI	15	>KIT-M651V- YLGNHVNI	11	4
>KIT-M651V- YLGNHMNI	8	>KIT-M651V- YLGNHVNI	6	2
>KIT-M651V- YLGNHMNI	12	>KIT-M651V- YLGNHVNI	8	4
>KIT-M651V- YLGNHMNI	33	>KIT-M651V- YLGNHVNI	13	20
>KIT-M651V- YLGNHMNI	14	>KIT-M651V- YLGNHVNI	3	11
>KIT-M651V- YLGNHMNI	20	>KIT-M651V- YLGNHVNI	6	14
>KIT-M651V- YLGNHMNI	4	>KIT-M651V- YLGNHVNI	3	1
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>KIT-M651V- YLGNHMNI	2	>KIT-M651V- YLGNHVNI	2	0
>KIT-M651V- SYLGNHMNI	14	>KIT-M651V- SYLGNHVNI	11	3
>KIT-M651V- SYLGNHMNI	177	>KIT-M651V- SYLGNHVNI	209	32
>KIT-M651V- SYLGNHMNI	497	>KIT-M651V- SYLGNHVNI	327	170
>KIT-M651V- SYLGNHMNI	31	>KIT-M651V- SYLGNHVNI	40	9



>KIT-M651V-SYLGNHMNI	92	>KIT-M651V-SYLGNHVNI	114	22
>KIT-M651V-SYLGNHMN	305	>KIT-M651V-SYLGNHVN	476	171
>KIT-M651V-SYLGNHMNI	4	>KIT-M651V-SYLGNHVNI	5	1
>KIT-M651V-SYLGNHMNI	45	>KIT-M651V-SYLGNHVNIV	43	2
>KIT-M651V-SYLGNHMNI	76	>KIT-M651V-SYLGNHVNI	343	267
>KIT-M651V-SYLGNHMNI	598	>KIT-M651V-SYLGNHVNI	197	401
>KIT-M651V-SYLGNHMNI	333	>KIT-M651V-SYLGNHVNI	366	33
>KIT-M651V-SYLGNHMNI	143	>KIT-M651V-SYLGNHVNIV	464	321
>KIT-M651V-SYLGNHMNI	364	>KIT-M651V-SYLGNHVNI	465	101
>KIT-M651V-SYLGNHMNI	53	>KIT-M651V-SYLGNHVNIV	70	17
>KIT-M651V-LSYLGNHM	425	>KIT-M651V-LSYLGNHV	528	103
>KIT-M651V-LSYLGNHMN	440	>KIT-M651V-LSYLGNHVNI	591	151
>KIT-M651V-LSYLGNHMN	131	>KIT-M651V-LSYLGNHVNI	318	187
>KIT-M651V-LSYLGNHM	186	>KIT-M651V-LSYLGNHV	2519	2333
>KIT-M651V-LSYLGNHM	222	>KIT-M651V-LSYLGNHV	761	539
>KIT-M651V-LSYLGNHMN	349	>KIT-M651V-LSYLGNHVNI	323	26
>KIT-M651V-LSYLGNHM	13	>KIT-M651V-LSYLGNHV	324	311
>KIT-M651V-LSYLGNHMN	16	>KIT-M651V-LSYLGNHVNI	15	1
>KIT-M651V-LSYLGNHMN	332	>KIT-M651V-LSYLGNHVNI	563	231
>KIT-M651V-LSYLGNHM	211	>KIT-M651V-LSYLGNHV	7588	7377
>KIT-M651V-LSYLGNHMN	216	>KIT-M651V-LSYLGNHVNI	528	312
>KIT-M651V-LSYLGNHM	337	>KIT-M651V-LSYLGNHV	1428	1091
>KIT-M651V-LSYLGNHM	59	>KIT-M651V-LSYLGNHV	1072	1013
>KIT-M651V-LSYLGNHMN	237	>KIT-M651V-LSYLGNHVNI	244	7
>KIT-M651V-LSYLGNHMN	288	>KIT-M651V-LSYLGNHVNI	544	256
>KIT-M651V-LSYLGNHM	204	>KIT-M651V-LSYLGNHV	528	324
>KIT-M651V-LSYLGNHMN	39	>KIT-M651V-LSYLGNHVNI	88	49
>KIT-M651V-VLSYLGNHM	8072	>KIT-M651V-VLSYLGNHV	420	7652
>KIT-M651V-VLSYLGNHM	100	>KIT-M651V-VLSYLGNHV	7	93
>KIT-M651V-VLSYLGNHMI	36	>KIT-M651V-VLSYLGNHVN	26	10
>KIT-M651V-VLSYLGNHM	1219	>KIT-M651V-VLSYLGNHV	18	1201
>KIT-M651V-VLSYLGNHMI	48	>KIT-M651V-VLSYLGNHVN	101	53
>KIT-M651V-VLSYLGNHM	3462	>KIT-M651V-VLSYLGNHV	195	3267
>KIT-M651V-VLSYLGNHM	3968	>KIT-M651V-VLSYLGNHV	41	3927
>KIT-M651V-VLSYLGNHMI	201	>KIT-M651V-VLSYLGNHVN	173	28
>KIT-M651V-VLSYLGNHM	1808	>KIT-M651V-VLSYLGNHV	19	1789
>KIT-M651V-VLSYLGNHMI	217	>KIT-M651V-VLSYLGNHVN	228	11
>KIT-M651V-VLSYLGNHM	2636	>KIT-M651V-VLSYLGNHV	17	2619
>KIT-M651V-VLSYLGNHMI	294	>KIT-M651V-VLSYLGNHVN	247	47
>KIT-M651V-VLSYLGNHM	9576	>KIT-M651V-VLSYLGNHV	388	9188
>KIT-M651V-VLSYLGNHM	3355	>KIT-M651V-VLSYLGNHV	7	3348
>KIT-M651V-VLSYLGNHMI	73	>KIT-M651V-VLSYLGNHVN	85	12
>KIT-M651V-VLSYLGNHM	112	>KIT-M651V-VLSYLGNHV	1732	1620

>KIT-M651V-KVLSYLGNNH	5200	>KIT-M651V-KVLSYLGNNHV	493	4707
>KIT-M651V-KVLSYLGNNH	1255	>KIT-M651V-KVLSYLGNNHV	270	985
>KIT-M651V-KVLSYLGNNH	4490	>KIT-M651V-KVLSYLGNNHV	212	4278
>KIT-M651V-KVLSYLGNNH	594	>KIT-M651V-KVLSYLGNNHV	56	538
>KIT-M651V-KVLSYLGNNH	3390	>KIT-M651V-KVLSYLGNNHV	31	3359
>KIT-M651V-KVLSYLGNNH	4238	>KIT-M651V-KVLSYLGNNHV	85	4153
>KIT-M651V-KVLSYLGNNH	7113	>KIT-M651V-KVLSYLGNNHV	50	7063
>KIT-M651V-KVLSYLGNNH	17479	>KIT-M651V-KVLSYLGNNHV	115	17364
>KIT-M651V-KVLSYLGNNH	147	>KIT-M651V-KVLSYLGNNHV	3745	3598
>KIT-M651V-KVLSYLGNNH	201	>KIT-M651V-KVLSYLGNNHV	126	75
>KIT-M651V-KVLSYLGNNH	3093	>KIT-M651V-KVLSYLGNNHV	205	2888
>KIT-M724I-\ MKPGVSYV	427	>KIT-M724I-r IKPGVSYV	1509	1082
>KIT-M724I-\ MKPGVSYV	118	>KIT-M724I-r IKPGVSYV	271	153
>KIT-M724I-\ MKPGVSYVV	325	>KIT-M724I-r IKPGVSYVV	798	473
>KIT-M724I-\ MKPGVSYV	61	>KIT-M724I-r IKPGVSYV	3136	3075
>KIT-M724I-\ MKPGVSYVV	56	>KIT-M724I-r IKPGVSYVV	2652	2596
>KIT-M724I-\ DMKPGVSYV	432	>KIT-M724I-r DIKPGVSYVV	3031	2599
>KIT-M724I-\ DMKPGVSYV	10	>KIT-M724I-r DIKPGVSYV	81	71
>KIT-M724I-\ DMKPGVSYV	18	>KIT-M724I-r DIKPGVSYV	979	961
>KIT-M724I-\ DMKPGVSYV	83	>KIT-M724I-r DIKPGVSYVV	3199	3116
>KIT-M724I-\ DMKPGVSYV	189	>KIT-M724I-r DIKPGVSYV	7333	7144
>KIT-M724I-\ DMKPGVSYV	186	>KIT-M724I-r DIKPGVSYVV	6543	6357
>KIT-M724I-\ DMKPGVSYV	66	>KIT-M724I-r DIKPGVSYV	3254	3188
>KIT-M724I-\ DMKPGVSYV	284	>KIT-M724I-r DIKPGVSYVV	6447	6163
>KIT-M724I-\ DMKPGVSYV	43	>KIT-M724I-r DIKPGVSYV	1379	1336
>KIT-M724I-\ DMKPGVSYV	110	>KIT-M724I-r DIKPGVSYVV	3867	3757
>KIT-M724I-\ DMKPGVSYV	4	>KIT-M724I-r DIKPGVSYV	73	69
>KIT-M724I-\ DMKPGVSYV	15	>KIT-M724I-r DIKPGVSYVV	494	479
>KIT-M724I-\ DMKPGVSY	1077	>KIT-M724I-r DIKPGVSY	278	799
>KIT-M724I-\ DMKPGVSY	4955	>KIT-M724I-r DIKPGVSY	415	4540
>KIT-M724I-\ DMKPGVSY	1678	>KIT-M724I-r DIKPGVSY	278	1400
>KIT-M724I-\ DMKPGVSY	203	>KIT-M724I-r DIKPGVSY	1542	1339
>KIT-M724I-\ DMKPGVSY	148	>KIT-M724I-r DIKPGVSY	653	505
>KIT-M724I-\ DMKPGVSYV	991	>KIT-M724I-r DIKPGVSYV	147	844
>KIT-M724I-\ DMKPGVSYV	912	>KIT-M724I-r DIKPGVSYV	416	496
>KIT-M724I-\ DMKPGVSY	99	>KIT-M724I-r DIKPGVSY	718	619
>KIT-M724I-\ DMKPGVSY	54	>KIT-M724I-r DIKPGVSY	359	305
>KIT-M724I-\ DMKPGVSY	94	>KIT-M724I-r DIKPGVSY	3437	3343
>KIT-M724I-\ CSDSTNEYMI	2736	>KIT-M724I-r CSDSTNEYMI	98	2638
>KIT-M724I-\ MDMKPGVS\	133	>KIT-M724I-r MDIKPGVS\	235	102
>KIT-M724I-\ MDMKPGVS\	414	>KIT-M724I-r MDIKPGVS\	596	182
>KIT-M724I-\ MDMKPGVS\	355	>KIT-M724I-r MDIKPGVS\	915	560
>KIT-M724I-\ MDMKPGVS\	43	>KIT-M724I-r MDIKPGVS\	90	47

>KIT-M724I-\ MDMKPGVS\	358	>KIT-M724I-r MDIKPGVSY	908	550
>KIT-M724I-\ MDMKPGVS\	201	>KIT-M724I-r MDIKPGVSY\	586	385
>KIT-M724I-\ MDMKPGVS\	360	>KIT-M724I-r MDIKPGVSY	179	181
>KIT-M724I-\ MDMKPGVS\	431	>KIT-M724I-r MDIKPGVSY\	301	130
>KIT-M724I-\ YMDMKPGV\	466	>KIT-M724I-r YMDIKPGVSY	566	100
>KIT-M724I-\ YMDMKPGV	16	>KIT-M724I-r YMDIKPGV	19	3
>KIT-M724I-\ YMDMKPGV\	13	>KIT-M724I-r YMDIKPGVSY	16	3
>KIT-M724I-\ YMDMKPGV	73	>KIT-M724I-r YMDIKPGV	56	17
>KIT-M724I-\ YMDMKPGV\	14	>KIT-M724I-r YMDIKPGVSY	14	0
>KIT-M724I-\ YMDMKPGV	16	>KIT-M724I-r YMDIKPGV	22	6
>KIT-M724I-\ YMDMKPGV\	4	>KIT-M724I-r YMDIKPGVSY	5	1
>KIT-M724I-\ YMDMKPGV	22	>KIT-M724I-r YMDIKPGV	26	4
>KIT-M724I-\ YMDMKPGV\	27	>KIT-M724I-r YMDIKPGVSY	33	6
>KIT-M724I-\ YMDMKPGV	1	>KIT-M724I-r YMDIKPGV	1	0
>KIT-M724I-\ YMDMKPGV\	348	>KIT-M724I-r YMDIKPGVS	334	14
>KIT-M724I-\ YMDMKPGV\	357	>KIT-M724I-r YMDIKPGVSY	353	4
>KIT-M724I-\ YMDMKPGV\	1	>KIT-M724I-r YMDIKPGVSY	1	0
>KIT-M724I-\ YMDMKPGV	4	>KIT-M724I-r YMDIKPGV	4	0
>KIT-M724I-\ YMDMKPGV\	3	>KIT-M724I-r YMDIKPGVSY	3	0
>KIT-M724I-\ YMDMKPGV	4	>KIT-M724I-r YMDIKPGV	4	0
>KIT-M724I-\ YMDMKPGV\	4	>KIT-M724I-r YMDIKPGVSY	4	0
>KIT-M724I-\ YMDMKPGV	4	>KIT-M724I-r YMDIKPGV	4	0
>KIT-M724I-\ YMDMKPGV\	3	>KIT-M724I-r YMDIKPGVSY	3	0
>KIT-M724I-\ YMDMKPGV	2	>KIT-M724I-r YMDIKPGV	2	0
>KIT-M724I-\ YMDMKPGV\	2	>KIT-M724I-r YMDIKPGVSY	3	1
>KIT-M724I-\ YMDMKPGV\	90	>KIT-M724I-r YMDIKPGVSY	128	38
>KIT-M724I-\ YMDMKPGV	176	>KIT-M724I-r YMDIKPGV	103	73
>KIT-M724I-\ YMDMKPGV\	239	>KIT-M724I-r YMDIKPGVSY	163	76
>KIT-M724I-\ YMDMKPGV\	185	>KIT-M724I-r YMDIKPGVSY	208	23
>KIT-M724I-\ YMDMKPGV\	140	>KIT-M724I-r YMDIKPGVSY	251	111
>KIT-M724I-\ YMDMKPGV\	77	>KIT-M724I-r YMDIKPGVSY	86	9
>KIT-M724I-\ YMDMKPGV\	144	>KIT-M724I-r YMDIKPGVSY	288	144
>KIT-M724I-\ YMDMKPGV\	489	>KIT-M724I-r YMDIKPGVSY	343	146
>KIT-M724I-\ YMDMKPGV\	549	>KIT-M724I-r YMDIKPGVSY	219	330
>KIT-M724I-\ EYMDMKPG\	356	>KIT-M724I-r EYMDIKPGV	448	92
>KIT-M724I-\ EYMDMKPG\	182	>KIT-M724I-r EYMDIKPGVS	202	20
>KIT-M724I-\ EYMDMKPG\	168	>KIT-M724I-r EYMDIKPGVS	196	28
>KIT-M724I-\ EYMDMKPG\	310	>KIT-M724I-r EYMDIKPGVS	430	120
>KIT-M724I-\ EYMDMKPG\	348	>KIT-M724I-r EYMDIKPGVS	286	62
>KIT-M724I-\ EYMDMKPG\	806	>KIT-M724I-r EYMDIKPGVS	478	328
>KIT-M724I-\ EYMDMKPG\	1465	>KIT-M724I-r EYMDIKPGV	121	1344
>KIT-M724I-\ EYMDMKPG\	106	>KIT-M724I-r EYMDIKPGV	34	72
>KIT-M724I-\ NEYMDMKPG	293	>KIT-M724I-r NEYMDIKPG	599	306

>KIT-M724I-\ NEYMDMKPC	9	>KIT-M724I-r NEYMDIKPG\	9	0
>KIT-M724I-\ NEYMDMKPC	33	>KIT-M724I-r NEYMDIKPG\	42	9
>KIT-M724I-\ STNEYMDMK	9	>KIT-M724I-r STNEYMDIK	9	0
>KIT-M724I-\ STNEYMDM	235	>KIT-M724I-r STNEYMDI	4775	4540
>KIT-M724I-\ STNEYMDMK	17	>KIT-M724I-r STNEYMDIK	41	24
>KIT-M724I-\ STNEYMDM	2561	>KIT-M724I-r STNEYMDI	165	2396
>KIT-M724I-\ STNEYMDM	284	>KIT-M724I-r STNEYMDI	128	156
>KIT-M724I-\ STNEYMDM	126	>KIT-M724I-r STNEYMDI	1079	953
>KIT-M724I-\ STNEYMDMK	91	>KIT-M724I-r STNEYMDIK	93	2
>KIT-M724I-\ STNEYMDM	4600	>KIT-M724I-r STNEYMDI	165	4435
>KIT-M724I-\ DSTNEYMDM	255	>KIT-M724I-r DSTNEYMDIK	616	361
>KIT-M724I-\ SDSTNEYMDI	4685	>KIT-M724I-r SDSTNEYMDI	426	4259
>KIT-M724I-\ SDSTNEYMDI	1650	>KIT-M724I-r SDSTNEYMDI	57	1593
>KIT-N486D- KHNGTVECK/	80	>KIT-N486D-  KHDGTVECK/	2283	2203
>KIT-N486D- FKHNGTVEC	335	>KIT-N486D-  FKHDGTVEC	998	663
>KIT-N486D- FKHNGTVECK	208	>KIT-N486D-  FKHDGTVECK	498	290
>KIT-N486D- FKHNGTVECK	355	>KIT-N486D-  FKHDGTVECK	977	622
>KIT-N486D- AFKHNGTV	283	>KIT-N486D-  AFKHDGTV	2091	1808
>KIT-N486D- AFKHNGTVEC	88	>KIT-N486D-  AFKHDGTVEC	381	293
>KIT-N486D- SAFKHNGTV	302	>KIT-N486D-  SAFKHDGTV	747	445
>KIT-N486D- SAFKHNGTV	282	>KIT-N486D-  SAFKHDGTV	546	264
>KIT-N486D- SAFKHNGTV	179	>KIT-N486D-  SAFKHDGTV	308	129
>KIT-N486D- SAFKHNGTV	138	>KIT-N486D-  SAFKHDGTV	2718	2580
>KIT-N486D- SAFKHNGTV	387	>KIT-N486D-  SAFKHDGTV	319	68
>KIT-N486D- SSAFKHNGTV	94	>KIT-N486D-  SSAFKHDGTV	236	142
>KIT-N486D- SSAFKHNGTV	56	>KIT-N486D-  SSAFKHDGTV	122	66
>KIT-N486D- DSSAFKHNGT	738	>KIT-N486D-  DSSAFKHDGT	470	268
>KIT-N486D- DSSAFKHNGT	102	>KIT-N486D-  DSSAFKHDGT	173	71
>KIT-N486D- DSSAFKHNGT	281	>KIT-N486D-  DSSAFKHDGT	1262	981
>KIT-N495I-v NDVGKTSAY	229	>KIT-N495I-n IDVGKTSAY	683	454
>KIT-N495I-v NDVGKTSAY	4327	>KIT-N495I-n IDVGKTSAY	431	3896
>KIT-N495I-v YNDVGKTSAY	1319	>KIT-N495I-n YIDVGKTSAY	189	1130
>KIT-N495I-v YNDVGKTSAY	19197	>KIT-N495I-n YIDVGKTSAY	200	18997
>KIT-N495I-v YNDVGKTSAY	26434	>KIT-N495I-n YIDVGKTSAY	110	26324
>KIT-N495I-v YNDVGKTSAY	5657	>KIT-N495I-n YIDVGKTSAY	238	5419
>KIT-N495I-v YNDVGKTSAY	803	>KIT-N495I-n YIDVGKTSAY	430	373
>KIT-N495I-v YNDVGKTSAY	215	>KIT-N495I-n YIDVGKTSAY	66	149
>KIT-N495I-v YNDVGKTSAY	6796	>KIT-N495I-n YIDVGKTSAY	331	6465
>KIT-N495I-v YNDVGKTSAY	486	>KIT-N495I-n YIDVGKTSAY	449	37
>KIT-N495I-v YNDVGKTSAY	2334	>KIT-N495I-n YIDVGKTSAY	370	1964
>KIT-N495I-v AYNDVGKTSAY	2767	>KIT-N495I-n AYIDVGKTSAY	97	2670
>KIT-N495I-v AYNDVGKTSAY	198	>KIT-N495I-n AYIDVGKTSAY	34	164
>KIT-N495I-v AYNDVGKTSAY	62	>KIT-N495I-n AYIDVGKTSAY	119	57

>KIT-N495I-v AYNDVGKTS/	167	>KIT-N495I-n AYIDVGKTS/	138	29
>KIT-N495I-v KAYNDVGK	91	>KIT-N495I-n KAYIDVGK	149	58
>KIT-N495I-v KAYNDVGK	79	>KIT-N495I-n KAYIDVGK	136	57
>KIT-N495I-v KAYNDVGK	186	>KIT-N495I-n KAYIDVGK	276	90
>KIT-N495I-v CKAYNDVGK	1339	>KIT-N495I-n CKAYIDVGK	413	926
>KIT-N495I-v VECKAYNDV	225	>KIT-N495I-n VECKAYIDV	677	452
>KIT-N495I-v VECKAYNDV	1483	>KIT-N495I-n VECKAYIDV	349	1134
>KIT-N495I-v VECKAYNDV	844	>KIT-N495I-n VECKAYIDV	186	658
>KIT-N495I-v VECKAYNDV	221	>KIT-N495I-n VECKAYIDV	161	60
>KIT-N495I-v TVECKAYN	17925	>KIT-N495I-n TVECKAYI	111	17814
>KIT-N495I-v GTVECKAYN	24176	>KIT-N495I-n GTVECKAYI	278	23898
>KIT-N495I-v GTVECKAYN	20285	>KIT-N495I-n GTVECKAYI	450	19835
>KIT-N495I-v GTVECKAYN	19515	>KIT-N495I-n GTVECKAYI	197	19318
>KIT-N495I-v GTVECKAYN	11513	>KIT-N495I-n GTVECKAYI	292	11221
>KIT-N495I-v GTVECKAYN	3757	>KIT-N495I-n GTVECKAYI	284	3473
>KIT-N495I-v GTVECKAYN	35456	>KIT-N495I-n GTVECKAYI	283	35173
>KIT-N512D- NKEQIHPHTL	438	>KIT-N512D- DKEQIHPHTL	1706	1268
>KIT-N512D- NKEQIHPHTL	75	>KIT-N512D- DKEQIHPHTL	980	905
>KIT-N512D- NNKEQIHPHT	332	>KIT-N512D- NDKEQIHPHT	1337	1005
>KIT-N512D- FAFKGNKKEC	318	>KIT-N512D- FAFKGNKKEC	367	49
>KIT-N512D- FAFKGNKKEC	409	>KIT-N512D- FAFKGNKKEC	361	48
>KIT-N512D- FAFKGNKKEC	344	>KIT-N512D- FAFKGNKKEC	403	59
>KIT-N512D- FAFKGNK	251	>KIT-N512D- FAFKGNK	1117	866
>KIT-N512D- FAFKGNK	20	>KIT-N512D- FAFKGNK	38	18
>KIT-N512D- FAFKGNKKEC	95	>KIT-N512D- FAFKGNKKEC	144	49
>KIT-N512D- FAFKGNKKEC	395	>KIT-N512D- FAFKGNKKEC	600	205
>KIT-N512D- FAFKGNKKEC	41	>KIT-N512D- FAFKGNKKEC	34	7
>KIT-N564H- INGNNYVYI	163	>KIT-N564H- IHGNNYVYI	1281	1118
>KIT-N564H- INGNNYVYI	141	>KIT-N564H- IHGNNYVYI	534	393
>KIT-N564H- INGNNYVY	382	>KIT-N564H- IHGNNYVY	329	53
>KIT-N564H- INGNNYVY	256	>KIT-N564H- IHGNNYVY	193	63
>KIT-N564H- INGNNYVY	1070	>KIT-N564H- IHGNNYVY	169	901
>KIT-N564H- INGNNYVYI	2532	>KIT-N564H- IHGNNYVYI	498	2034
>KIT-N564H- EINGNNYV	299	>KIT-N564H- EIHGNNYV	916	617
>KIT-N564H- EINGNNYV	64	>KIT-N564H- EIHGNNYV	60	4
>KIT-N564H- EINGNNYVYI	229	>KIT-N564H- EIHGNNYVYI	221	8
>KIT-N564H- EINGNNYV	442	>KIT-N564H- EIHGNNYV	1033	591
>KIT-N564H- EINGNNYV	41	>KIT-N564H- EIHGNNYV	325	284
>KIT-N564H- EINGNNYVYI	257	>KIT-N564H- EIHGNNYVYI	2084	1827
>KIT-N564H- EINGNNYV	34	>KIT-N564H- EIHGNNYV	32	2
>KIT-N564H- EINGNNYVY	203	>KIT-N564H- EIHGNNYVY	69	134
>KIT-N564H- EINGNNYVY	17	>KIT-N564H- EIHGNNYVY	8	9
>KIT-N564H- EINGNNYVY	425	>KIT-N564H- EIHGNNYVY	42	383

>KIT-N564H-· EINGNNYVY	218	>KIT-N564H-· EIHGNNYVY	185	33
>KIT-N564H-· EINGNNYVY	70	>KIT-N564H-· EIHGNNYVY	157	87
>KIT-N564H-· EINGNNYVY	340	>KIT-N564H-· EIHGNNYVY	374	34
>KIT-N564H-· EINGNNYV	8	>KIT-N564H-· EIHGNNYV	8	0
>KIT-N564H-· EINGNNYVYI	101	>KIT-N564H-· EIHGNNYVYI	212	111
>KIT-N564H-· EINGNNYV	11	>KIT-N564H-· EIHGNNYV	35	24
>KIT-N564H-· EINGNNYVYI	36	>KIT-N564H-· EIHGNNYVYI	133	97
>KIT-N564H-· EINGNNYVY	710	>KIT-N564H-· EIHGNNYVY	326	384
>KIT-N564H-· EINGNNYVY	168	>KIT-N564H-· EIHGNNYVY	248	80
>KIT-N564H-· EINGNNYVY	81	>KIT-N564H-· EIHGNNYVY	235	154
>KIT-N564H-· EEINGNNY	611	>KIT-N564H-· EEIHGNNY	295	316
>KIT-N564H-· EEINGNNYVY	76	>KIT-N564H-· EEIHGNNYVY	47	29
>KIT-N564H-· EEINGNNY	230	>KIT-N564H-· EEIHGNNY	144	86
>KIT-N564H-· EEINGNNYVY	179	>KIT-N564H-· EEIHGNNYVY	143	36
>KIT-N564H-· EEINGNNY	19	>KIT-N564H-· EEIHGNNY	50	31
>KIT-N564H-· EEINGNNYVY	134	>KIT-N564H-· EEIHGNNYVY	277	143
>KIT-N564H-· EEINGNNYVY	328	>KIT-N564H-· EEIHGNNYVY	410	82
>KIT-N564H-· EEINGNNYV	241	>KIT-N564H-· EEIHGNNYV	103	138
>KIT-N564H-· EEINGNNYVY	1081	>KIT-N564H-· EEIHGNNYVY	474	607
>KIT-N564H-· EEINGNNY	278	>KIT-N564H-· EEIHGNNY	563	285
>KIT-N564H-· EEINGNNYVY	322	>KIT-N564H-· EEIHGNNYVY	197	125
>KIT-N564H-· EEINGNNYV	234	>KIT-N564H-· EEIHGNNYV	286	52
>KIT-N564H-· EEINGNNYVY	59	>KIT-N564H-· EEIHGNNYVY	63	4
>KIT-N564H-· EEINGNNYVY	300	>KIT-N564H-· EEIHGNNYVY	484	184
>KIT-N564H-· EEINGNNYVY	466	>KIT-N564H-· EEIHGNNYVY	302	164
>KIT-N564H-· EEINGNNY	70	>KIT-N564H-· EEIHGNNY	58	12
>KIT-N564H-· EEINGNNYV	488	>KIT-N564H-· EEIHGNNYV	376	112
>KIT-N564H-· EEINGNNYVY	180	>KIT-N564H-· EEIHGNNYVY	109	71
>KIT-N564H-· EEINGNNYVY	190	>KIT-N564H-· EEIHGNNYVY	158	32
>KIT-N564H-· EEINGNNYV	74	>KIT-N564H-· EEIHGNNYV	107	33
>KIT-N564H-· EEINGNNYVY	97	>KIT-N564H-· EEIHGNNYVY	138	41
>KIT-N564H-· EEINGNNYV	305	>KIT-N564H-· EEIHGNNYV	552	247
>KIT-N564H-· EEINGNNYVY	63	>KIT-N564H-· EEIHGNNYVY	90	27
>KIT-N564H-· VEEINGNNYV	328	>KIT-N564H-· VEEIHGNNYV	377	49
>KIT-N564H-· VEEINGNNYV	94	>KIT-N564H-· VEEIHGNNYV	90	4
>KIT-N564H-· VEEINGNNYV	377	>KIT-N564H-· VEEIHGNNYV	171	206
>KIT-N564H-· VVEEINGNNY	217	>KIT-N564H-· VVEEIHGNNY	304	87
>KIT-N564H-· VVEEINGNNY	87	>KIT-N564H-· VVEEIHGNNY	112	25
>KIT-N564H-· VVEEINGNNY	121	>KIT-N564H-· VVEEIHGNNY	102	19
>KIT-N564H-· VVEEINGNNY	35	>KIT-N564H-· VVEEIHGNNY	33	2
>KIT-N564H-· VVEEINGNNY	316	>KIT-N564H-· VVEEIHGNNY	392	76
>KIT-N564H-· VVEEINGNNY	167	>KIT-N564H-· VVEEIHGNNY	185	18
>KIT-N564H-· VVEEINGNNY	178	>KIT-N564H-· VVEEIHGNNY	121	57

>KIT-N564H- KVVVEEINGNM	31	>KIT-N564H- KVVVEEIHGNM	18	13
>KIT-N564H- KVVVEEINGNM	61	>KIT-N564H- KVVVEEIHGNM	128	67
>KIT-N564H- KVVVEEINGNM	617	>KIT-N564H- KVVVEEIHGNM	307	310
>KIT-N564H- KVVVEEINGNM	114	>KIT-N564H- KVVVEEIHGNM	111	3
>KIT-N564H- KVVVEEINGNM	114	>KIT-N564H- KVVVEEIHGNM	76	38
>KIT-N564H- KVVVEEINGNM	100	>KIT-N564H- KVVVEEIHGNM	59	41
>KIT-N564H- VQWKVVEEII	4046	>KIT-N564H- VQWKVVEEII	412	3634
>KIT-N564K- INGNNYVYI	163	>KIT-N564K- IKGNNYVYI	1432	1269
>KIT-N564K- INGNNYVYI	141	>KIT-N564K- IKGNNYVYI	1618	1477
>KIT-N564K- INGNNYVY	382	>KIT-N564K- IKGNNYVY	1268	886
>KIT-N564K- INGNNYVY	256	>KIT-N564K- IKGNNYVY	267	11
>KIT-N564K- INGNNYVY	1070	>KIT-N564K- IKGNNYVY	11	1059
>KIT-N564K- INGNNYVYI	2532	>KIT-N564K- IKGNNYVYI	42	2490
>KIT-N564K- EVQWKVVEE	7536	>KIT-N564K- EVQWKVVEE	23	7513
>KIT-N564K- EINGNNYV	299	>KIT-N564K- EIKGNNYV	2345	2046
>KIT-N564K- EINGNNYV	64	>KIT-N564K- EIKGNNYV	1758	1694
>KIT-N564K- EINGNNYVYI	229	>KIT-N564K- EIKGNNYVYI	4229	4000
>KIT-N564K- EINGNNYV	442	>KIT-N564K- EIKGNNYV	9930	9488
>KIT-N564K- EINGNNYV	41	>KIT-N564K- EIKGNNYV	2283	2242
>KIT-N564K- EINGNNYVYI	257	>KIT-N564K- EIKGNNYVYI	7911	7654
>KIT-N564K- EINGNNYV	34	>KIT-N564K- EIKGNNYV	135	101
>KIT-N564K- EINGNNYVY	203	>KIT-N564K- EIKGNNYVY	91	112
>KIT-N564K- EINGNNYVY	17	>KIT-N564K- EIKGNNYVY	18	1
>KIT-N564K- EINGNNYVY	425	>KIT-N564K- EIKGNNYVY	796	371
>KIT-N564K- EINGNNYVY	218	>KIT-N564K- EIKGNNYVY	609	391
>KIT-N564K- EINGNNYVY	70	>KIT-N564K- EIKGNNYVY	152	82
>KIT-N564K- EINGNNYVY	340	>KIT-N564K- EIKGNNYVY	1071	731
>KIT-N564K- EINGNNYV	8	>KIT-N564K- EIKGNNYV	25	17
>KIT-N564K- EINGNNYVYI	101	>KIT-N564K- EIKGNNYVYI	271	170
>KIT-N564K- EINGNNYV	11	>KIT-N564K- EIKGNNYV	121	110
>KIT-N564K- EINGNNYVYI	36	>KIT-N564K- EIKGNNYVYI	410	374
>KIT-N564K- EINGNNYVY	515	>KIT-N564K- EIKGNNYVY	338	177
>KIT-N564K- EINGNNYVY	710	>KIT-N564K- EIKGNNYVY	408	302
>KIT-N564K- EINGNNYVY	168	>KIT-N564K- EIKGNNYVY	1105	937
>KIT-N564K- EINGNNYVY	81	>KIT-N564K- EIKGNNYVY	163	82
>KIT-N564K- EEINGNNY	611	>KIT-N564K- EEIKGNNY	288	323
>KIT-N564K- EEINGNNYVY	76	>KIT-N564K- EEIKGNNYVY	67	9
>KIT-N564K- EEINGNNY	230	>KIT-N564K- EEIKGNNY	245	15
>KIT-N564K- EEINGNNYVY	179	>KIT-N564K- EEIKGNNYVY	154	25
>KIT-N564K- EEINGNNY	19	>KIT-N564K- EEIKGNNY	16	3
>KIT-N564K- EEINGNNYVY	134	>KIT-N564K- EEIKGNNYVY	115	19
>KIT-N564K- EEINGNNYVY	328	>KIT-N564K- EEIKGNNYVY	318	10
>KIT-N564K- EEINGNNYV	241	>KIT-N564K- EEIKGNNYV	391	150

>KIT-N564K-\ EEINGNNY	278	>KIT-N564K-r EEIKGNNY	290	12
>KIT-N564K-\ EEINGNNYVY	322	>KIT-N564K-r EEIKGNNYVY	225	97
>KIT-N564K-\ EEINGNNYV	234	>KIT-N564K-r EEIKGNNYV	459	225
>KIT-N564K-\ EEINGNNYVY	59	>KIT-N564K-r EEIKGNNYVY	100	41
>KIT-N564K-\ EEINGNNYVY	300	>KIT-N564K-r EEIKGNNYVY	460	160
>KIT-N564K-\ EEINGNNYVY	466	>KIT-N564K-r EEIKGNNYVY	621	155
>KIT-N564K-\ EEINGNNY	70	>KIT-N564K-r EEIKGNNY	96	26
>KIT-N564K-\ EEINGNNYV	488	>KIT-N564K-r EEIKGNNYV	621	133
>KIT-N564K-\ EEINGNNYVY	180	>KIT-N564K-r EEIKGNNYVY	166	14
>KIT-N564K-\ EEINGNNYVY	190	>KIT-N564K-r EEIKGNNYVY	249	59
>KIT-N564K-\ EEINGNNYV	74	>KIT-N564K-r EEIKGNNYV	86	12
>KIT-N564K-\ EEINGNNYVY	97	>KIT-N564K-r EEIKGNNYVY	124	27
>KIT-N564K-\ EEINGNNYV	305	>KIT-N564K-r EEIKGNNYV	341	36
>KIT-N564K-\ EEINGNNYVY	63	>KIT-N564K-r EEIKGNNYVY	64	1
>KIT-N564K-\ VEEINGNNYV	328	>KIT-N564K-r VEEIKGNNYV	349	21
>KIT-N564K-\ VEEINGNNYV	94	>KIT-N564K-r VEEIKGNNYV	234	140
>KIT-N564K-\ VEEINGNNYV	377	>KIT-N564K-r VEEIKGNNYV	659	282
>KIT-N564K-\ VVEEINGNNY	217	>KIT-N564K-r VVEEIKGNNY	536	319
>KIT-N564K-\ VVEEINGNNY	87	>KIT-N564K-r VVEEIKGNNY	195	108
>KIT-N564K-\ VVEEINGNNY	121	>KIT-N564K-r VVEEIKGNNY	189	68
>KIT-N564K-\ VVEEINGNNY	35	>KIT-N564K-r VVEEIKGNNY	44	9
>KIT-N564K-\ VVEEINGNNY	316	>KIT-N564K-r VVEEIKGNNY	334	18
>KIT-N564K-\ VVEEINGNNY	167	>KIT-N564K-r VVEEIKGNNY	317	150
>KIT-N564K-\ VVEEINGNNY	178	>KIT-N564K-r VVEEIKGNNY	242	64
>KIT-N564K-\ KVVEEINGNN	31	>KIT-N564K-r KVVEEIKGNN	47	16
>KIT-N564K-\ KVVEEINGNN	61	>KIT-N564K-r KVVEEIKGNN	106	45
>KIT-N564K-\ KVVEEINGNN	114	>KIT-N564K-r KVVEEIKGNN	304	190
>KIT-N564K-\ KVVEEINGNN	114	>KIT-N564K-r KVVEEIKGNN	154	40
>KIT-N564K-\ KVVEEINGNN	100	>KIT-N564K-r KVVEEIKGNN	53	47
>KIT-N564S-\ INGNNYVYI	163	>KIT-N564S-r ISGNNYVYI	11	152
>KIT-N564S-\ INGNNYVYI	141	>KIT-N564S-r ISGNNYVYI	99	42
>KIT-N564S-\ INGNNYVY	382	>KIT-N564S-r ISGNNYVY	139	243
>KIT-N564S-\ INGNNYVY	256	>KIT-N564S-r ISGNNYVY	30	226
>KIT-N564S-\ INGNNYVY	1137	>KIT-N564S-r ISGNNYVY	165	972
>KIT-N564S-\ INGNNYVY	1070	>KIT-N564S-r ISGNNYVY	182	888
>KIT-N564S-\ INGNNYVY	21065	>KIT-N564S-r ISGNNYVY	39	21026
>KIT-N564S-\ INGNNYVYI	1990	>KIT-N564S-r ISGNNYVYI	96	1894
>KIT-N564S-\ EINGNNYV	299	>KIT-N564S-r EISGNNYV	148	151
>KIT-N564S-\ EINGNNYVYI	985	>KIT-N564S-r EISGNNYVYI	454	531
>KIT-N564S-\ EINGNNYV	64	>KIT-N564S-r EISGNNYV	157	93
>KIT-N564S-\ EINGNNYVYI	229	>KIT-N564S-r EISGNNYVYI	525	296
>KIT-N564S-\ EINGNNYV	442	>KIT-N564S-r EISGNNYV	548	106
>KIT-N564S-\ EINGNNYV	41	>KIT-N564S-r EISGNNYV	41	0



>KIT-N564S-\ EINGNNYVYI	257	>KIT-N564S-r EISGNNYVYI	256	1
>KIT-N564S-\ EINGNNYV	34	>KIT-N564S-r EISGNNYV	27	7
>KIT-N564S-\ EINGNNYVY	203	>KIT-N564S-r EISGNNYVY	189	14
>KIT-N564S-\ EINGNNYVY	17	>KIT-N564S-r EISGNNYVY	18	1
>KIT-N564S-\ EINGNNYVY	425	>KIT-N564S-r EISGNNYVY	1160	735
>KIT-N564S-\ EINGNNYVY	218	>KIT-N564S-r EISGNNYVY	131	87
>KIT-N564S-\ EINGNNYVY	70	>KIT-N564S-r EISGNNYVY	73	3
>KIT-N564S-\ EINGNNYVY	340	>KIT-N564S-r EISGNNYVY	209	131
>KIT-N564S-\ EINGNNYV	8	>KIT-N564S-r EISGNNYV	7	1
>KIT-N564S-\ EINGNNYVYI	101	>KIT-N564S-r EISGNNYVYI	48	53
>KIT-N564S-\ EINGNNYV	11	>KIT-N564S-r EISGNNYV	16	5
>KIT-N564S-\ EINGNNYVYI	36	>KIT-N564S-r EISGNNYVYI	55	19
>KIT-N564S-\ EINGNNYVY	168	>KIT-N564S-r EISGNNYVY	106	62
>KIT-N564S-\ EINGNNYVY	81	>KIT-N564S-r EISGNNYVY	69	12
>KIT-N564S-\ EEINGNNYVY	76	>KIT-N564S-r EEISGNNYVY	93	17
>KIT-N564S-\ EEINGNNY	230	>KIT-N564S-r EEISGNNY	101	129
>KIT-N564S-\ EEINGNNYVY	179	>KIT-N564S-r EEISGNNYVY	76	103
>KIT-N564S-\ EEINGNNY	19	>KIT-N564S-r EEISGNNY	19	0
>KIT-N564S-\ EEINGNNYVY	134	>KIT-N564S-r EEISGNNYVY	150	16
>KIT-N564S-\ EEINGNNYVY	328	>KIT-N564S-r EEISGNNYVY	432	104
>KIT-N564S-\ EEINGNNYV	241	>KIT-N564S-r EEISGNNYV	190	51
>KIT-N564S-\ EEINGNNY	278	>KIT-N564S-r EEISGNNY	294	16
>KIT-N564S-\ EEINGNNYVY	322	>KIT-N564S-r EEISGNNYVY	258	64
>KIT-N564S-\ EEINGNNYV	234	>KIT-N564S-r EEISGNNYV	209	25
>KIT-N564S-\ EEINGNNYVY	59	>KIT-N564S-r EEISGNNYVY	53	6
>KIT-N564S-\ EEINGNNYVY	300	>KIT-N564S-r EEISGNNYVY	674	374
>KIT-N564S-\ EEINGNNYVY	466	>KIT-N564S-r EEISGNNYVY	568	102
>KIT-N564S-\ EEINGNNY	70	>KIT-N564S-r EEISGNNY	61	9
>KIT-N564S-\ EEINGNNYV	488	>KIT-N564S-r EEISGNNYV	430	58
>KIT-N564S-\ EEINGNNYVY	180	>KIT-N564S-r EEISGNNYVY	177	3
>KIT-N564S-\ EEINGNNYVY	190	>KIT-N564S-r EEISGNNYVY	175	15
>KIT-N564S-\ EEINGNNYV	74	>KIT-N564S-r EEISGNNYV	72	2
>KIT-N564S-\ EEINGNNYVY	97	>KIT-N564S-r EEISGNNYVY	102	5
>KIT-N564S-\ EEINGNNYV	305	>KIT-N564S-r EEISGNNYV	365	60
>KIT-N564S-\ EEINGNNYVY	63	>KIT-N564S-r EEISGNNYVY	56	7
>KIT-N564S-\ VEEINGNNYV	328	>KIT-N564S-r VEEISGNNYV	286	42
>KIT-N564S-\ VEEINGNNYV	94	>KIT-N564S-r VEEISGNNYV	134	40
>KIT-N564S-\ VEEINGNNYV	377	>KIT-N564S-r VEEISGNNYV	291	86
>KIT-N564S-\ VVEEINGNNY	547	>KIT-N564S-r VVEEISGNNY	437	110
>KIT-N564S-\ VVEEINGNNY	217	>KIT-N564S-r VVEEISGNNY	140	77
>KIT-N564S-\ VVEEINGNNY	87	>KIT-N564S-r VVEEISGNNY	65	22
>KIT-N564S-\ VVEEINGNNY	121	>KIT-N564S-r VVEEISGNNY	96	25
>KIT-N564S-\ VVEEINGNNY	627	>KIT-N564S-r VVEEISGNNY	445	182

>KIT-N564S-\ VVEEINGNNY	35	>KIT-N564S-r VVEEISGNNY	28	7
>KIT-N564S-\ VVEEINGNNY	316	>KIT-N564S-r VVEEISGNNY	340	24
>KIT-N564S-\ VVEEINGNNY	167	>KIT-N564S-r VVEEISGNNY	154	13
>KIT-N564S-\ VVEEINGNNY	597	>KIT-N564S-r VVEEISGNNY	425	172
>KIT-N564S-\ VVEEINGNNY	178	>KIT-N564S-r VVEEISGNNY	106	72
>KIT-N564S-\ KVVVEEINGNN	31	>KIT-N564S-r KVVVEEISGNN	29	2
>KIT-N564S-\ KVVVEEINGNN	61	>KIT-N564S-r KVVVEEISGNN	70	9
>KIT-N564S-\ KVVVEEINGNN	114	>KIT-N564S-r KVVVEEISGNN	122	8
>KIT-N564S-\ KVVVEEINGNN	114	>KIT-N564S-r KVVVEEISGNN	103	11
>KIT-N564S-\ KVVVEEINGNN	100	>KIT-N564S-r KVVVEEISGNN	33	67
>KIT-N566D- INGNNYVYI	163	>KIT-N566D- INGDNVYI	691	528
>KIT-N566D- INGNNYVYI	141	>KIT-N566D- INGDNVYI	179	38
>KIT-N566D- INGNNYVY	382	>KIT-N566D- INGDNVY	253	129
>KIT-N566D- INGNNYVY	256	>KIT-N566D- INGDNVY	358	102
>KIT-N566D- EINGNNYV	299	>KIT-N566D- EINGDNVY	400	101
>KIT-N566D- EINGNNYV	64	>KIT-N566D- EINGDNVY	142	78
>KIT-N566D- EINGNNYVYI	229	>KIT-N566D- EINGDNVYI	341	112
>KIT-N566D- EINGNNYV	442	>KIT-N566D- EINGDNVY	309	133
>KIT-N566D- EINGNNYV	41	>KIT-N566D- EINGDNVY	77	36
>KIT-N566D- EINGNNYVYI	257	>KIT-N566D- EINGDNVYI	308	51
>KIT-N566D- EINGNNYV	34	>KIT-N566D- EINGDNVY	53	19
>KIT-N566D- EINGNNYVY	203	>KIT-N566D- EINGDNVY	640	437
>KIT-N566D- EINGNNYVY	17	>KIT-N566D- EINGDNVY	12	5
>KIT-N566D- EINGNNYVY	425	>KIT-N566D- EINGDNVY	424	1
>KIT-N566D- EINGNNYVY	218	>KIT-N566D- EINGDNVY	347	129
>KIT-N566D- EINGNNYVY	70	>KIT-N566D- EINGDNVY	66	4
>KIT-N566D- EINGNNYVY	340	>KIT-N566D- EINGDNVY	603	263
>KIT-N566D- EINGNNYV	8	>KIT-N566D- EINGDNVY	10	2
>KIT-N566D- EINGNNYVYI	101	>KIT-N566D- EINGDNVYI	109	8
>KIT-N566D- EINGNNYV	11	>KIT-N566D- EINGDNVY	35	24
>KIT-N566D- EINGNNYVYI	36	>KIT-N566D- EINGDNVYI	43	7
>KIT-N566D- EINGNNYVY	168	>KIT-N566D- EINGDNVY	183	15
>KIT-N566D- EINGNNYVY	81	>KIT-N566D- EINGDNVY	140	59
>KIT-N566D- EEINGNNYVY	76	>KIT-N566D- EEINGDNVY	106	30
>KIT-N566D- EEINGNNY	230	>KIT-N566D- EEINGDNY	193	37
>KIT-N566D- EEINGNNYVY	179	>KIT-N566D- EEINGDNVY	149	30
>KIT-N566D- EEINGNNY	19	>KIT-N566D- EEINGDNY	116	97
>KIT-N566D- EEINGNNYVY	134	>KIT-N566D- EEINGDNVY	202	68
>KIT-N566D- EEINGNNYVY	328	>KIT-N566D- EEINGDNVY	523	195
>KIT-N566D- EEINGNNYV	241	>KIT-N566D- EEINGDNYV	388	147
>KIT-N566D- EEINGNNY	278	>KIT-N566D- EEINGDNY	433	155
>KIT-N566D- EEINGNNYVY	322	>KIT-N566D- EEINGDNVY	830	508
>KIT-N566D- EEINGNNYV	234	>KIT-N566D- EEINGDNYV	416	182

>KIT-N566D- EEINGNNYVY	59	>KIT-N566D- EEINGDNYVY	81	22
>KIT-N566D- EEINGNNYVY	300	>KIT-N566D- EEINGDNYVY	489	189
>KIT-N566D- EEINGNNYVY	466	>KIT-N566D- EEINGDNYVY	323	143
>KIT-N566D- EEINGNNY	70	>KIT-N566D- EEINGDNY	59	11
>KIT-N566D- EEINGNNYV	488	>KIT-N566D- EEINGDNYV	502	14
>KIT-N566D- EEINGNNYVY	180	>KIT-N566D- EEINGDNYVY	138	42
>KIT-N566D- EEINGNNYVY	190	>KIT-N566D- EEINGDNYVY	190	0
>KIT-N566D- EEINGNNYV	74	>KIT-N566D- EEINGDNYV	172	98
>KIT-N566D- EEINGNNYVY	97	>KIT-N566D- EEINGDNYVY	167	70
>KIT-N566D- EEINGNNYV	305	>KIT-N566D- EEINGDNYV	672	367
>KIT-N566D- EEINGNNYVY	63	>KIT-N566D- EEINGDNYVY	84	21
>KIT-N566D- VEEINGNNYV	328	>KIT-N566D- VEEINGDNYV	453	125
>KIT-N566D- VEEINGNNYV	94	>KIT-N566D- VEEINGDNYV	160	66
>KIT-N566D- VEEINGNNYV	377	>KIT-N566D- VEEINGDNYV	456	79
>KIT-N566D- VVEEINGNNY	217	>KIT-N566D- VVEEINGDNY	444	227
>KIT-N566D- VVEEINGNNY	87	>KIT-N566D- VVEEINGDNY	133	46
>KIT-N566D- VVEEINGNNY	121	>KIT-N566D- VVEEINGDNY	227	106
>KIT-N566D- VVEEINGNNY	35	>KIT-N566D- VVEEINGDNY	50	15
>KIT-N566D- VVEEINGNNY	316	>KIT-N566D- VVEEINGDNY	654	338
>KIT-N566D- VVEEINGNNY	167	>KIT-N566D- VVEEINGDNY	276	109
>KIT-N566D- VVEEINGNNY	178	>KIT-N566D- VVEEINGDNY	268	90
>KIT-N566D- KVVEEINGNM	31	>KIT-N566D- KVVEEINGDN	28	3
>KIT-N566D- KVVEEINGNM	61	>KIT-N566D- KVVEEINGDN	314	253
>KIT-N566D- KVVEEINGNM	114	>KIT-N566D- KVVEEINGDN	236	122
>KIT-N566D- KVVEEINGNM	114	>KIT-N566D- KVVEEINGDN	168	54
>KIT-N566D- KVVEEINGNM	100	>KIT-N566D- KVVEEINGDN	105	5
>KIT-N566S-\ NNYVYIDPT	3114	>KIT-N566S-r SNYVYIDPT	301	2813
>KIT-N566S-\ NNYVYIDPTC	602	>KIT-N566S-r SNYVYIDPTQ	108	494
>KIT-N566S-\ INGNNYVYI	163	>KIT-N566S-r INGSNYVYI	31	132
>KIT-N566S-\ INGNNYVYI	141	>KIT-N566S-r INGSNYVYI	132	9
>KIT-N566S-\ INGNNYVY	382	>KIT-N566S-r INGSNYVY	305	77
>KIT-N566S-\ INGNNYVY	256	>KIT-N566S-r INGSNYVY	179	77
>KIT-N566S-\ EINGNNYV	299	>KIT-N566S-r EINGSNYV	203	96
>KIT-N566S-\ EINGNNYV	1089	>KIT-N566S-r EINGSNYV	483	606
>KIT-N566S-\ EINGNNYV	64	>KIT-N566S-r EINGSNYV	79	15
>KIT-N566S-\ EINGNNYVYI	229	>KIT-N566S-r EINGSNYVYI	391	162
>KIT-N566S-\ EINGNNYV	442	>KIT-N566S-r EINGSNYV	263	179
>KIT-N566S-\ EINGNNYV	41	>KIT-N566S-r EINGSNYV	47	6
>KIT-N566S-\ EINGNNYVYI	257	>KIT-N566S-r EINGSNYVYI	487	230
>KIT-N566S-\ EINGNNYV	34	>KIT-N566S-r EINGSNYV	34	0
>KIT-N566S-\ EINGNNYVY	203	>KIT-N566S-r EINGSNYVY	443	240
>KIT-N566S-\ EINGNNYVY	17	>KIT-N566S-r EINGSNYVY	25	8
>KIT-N566S-\ EINGNNYVY	425	>KIT-N566S-r EINGSNYVY	173	252

>KIT-N566S-\ EINGNNYVY	218	>KIT-N566S-r EINGSNYVY	486	268
>KIT-N566S-\ EINGNNYVY	70	>KIT-N566S-r EINGSNYVY	104	34
>KIT-N566S-\ EINGNNYVY	340	>KIT-N566S-r EINGSNYVY	169	171
>KIT-N566S-\ EINGNNYV	8	>KIT-N566S-r EINGSNYV	8	0
>KIT-N566S-\ EINGNNYVYI	101	>KIT-N566S-r EINGSNYVYI	76	25
>KIT-N566S-\ EINGNNYV	11	>KIT-N566S-r EINGSNYV	11	0
>KIT-N566S-\ EINGNNYVYI	36	>KIT-N566S-r EINGSNYVYI	37	1
>KIT-N566S-\ EINGNNYVY	515	>KIT-N566S-r EINGSNYVY	237	278
>KIT-N566S-\ EINGNNYVY	710	>KIT-N566S-r EINGSNYVY	487	223
>KIT-N566S-\ EINGNNYVY	168	>KIT-N566S-r EINGSNYVY	187	19
>KIT-N566S-\ EINGNNYVY	1173	>KIT-N566S-r EINGSNYVY	296	877
>KIT-N566S-\ EINGNNYVY	81	>KIT-N566S-r EINGSNYVY	108	27
>KIT-N566S-\ EEINGNNYV	837	>KIT-N566S-r EEINGSNYV	212	625
>KIT-N566S-\ EEINGNNYVY	76	>KIT-N566S-r EEINGSNYVY	36	40
>KIT-N566S-\ EEINGNNY	230	>KIT-N566S-r EEINGSNY	187	43
>KIT-N566S-\ EEINGNNYVY	179	>KIT-N566S-r EEINGSNYVY	240	61
>KIT-N566S-\ EEINGNNY	19	>KIT-N566S-r EEINGSNY	48	29
>KIT-N566S-\ EEINGNNYVY	134	>KIT-N566S-r EEINGSNYVY	149	15
>KIT-N566S-\ EEINGNNYVY	328	>KIT-N566S-r EEINGSNYVY	357	29
>KIT-N566S-\ EEINGNNYV	241	>KIT-N566S-r EEINGSNYV	244	3
>KIT-N566S-\ EEINGNNYVY	766	>KIT-N566S-r EEINGSNYVY	348	418
>KIT-N566S-\ EEINGNNY	278	>KIT-N566S-r EEINGSNY	202	76
>KIT-N566S-\ EEINGNNYVY	322	>KIT-N566S-r EEINGSNYVY	554	232
>KIT-N566S-\ EEINGNNYV	234	>KIT-N566S-r EEINGSNYV	300	66
>KIT-N566S-\ EEINGNNYVY	59	>KIT-N566S-r EEINGSNYVY	66	7
>KIT-N566S-\ EEINGNNYVY	300	>KIT-N566S-r EEINGSNYVY	380	80
>KIT-N566S-\ EEINGNNY	809	>KIT-N566S-r EEINGSNY	452	357
>KIT-N566S-\ EEINGNNYVY	466	>KIT-N566S-r EEINGSNYVY	113	353
>KIT-N566S-\ EEINGNNY	70	>KIT-N566S-r EEINGSNY	59	11
>KIT-N566S-\ EEINGNNYV	488	>KIT-N566S-r EEINGSNYV	475	13
>KIT-N566S-\ EEINGNNYVY	180	>KIT-N566S-r EEINGSNYVY	73	107
>KIT-N566S-\ EEINGNNYVY	190	>KIT-N566S-r EEINGSNYVY	182	8
>KIT-N566S-\ EEINGNNYV	74	>KIT-N566S-r EEINGSNYV	63	11
>KIT-N566S-\ EEINGNNYVY	97	>KIT-N566S-r EEINGSNYVY	90	7
>KIT-N566S-\ EEINGNNYV	305	>KIT-N566S-r EEINGSNYV	120	185
>KIT-N566S-\ EEINGNNYVY	63	>KIT-N566S-r EEINGSNYVY	41	22
>KIT-N566S-\ VEEINGNNY\	328	>KIT-N566S-r VEEINGSNYV	161	167
>KIT-N566S-\ VEEINGNNY\	94	>KIT-N566S-r VEEINGSNYV	98	4
>KIT-N566S-\ VEEINGNNY\	377	>KIT-N566S-r VEEINGSNYV	735	358
>KIT-N566S-\ VVEEINGNNY	547	>KIT-N566S-r VVEEINGSNY	327	220
>KIT-N566S-\ VVEEINGNNY	217	>KIT-N566S-r VVEEINGSNY	153	64
>KIT-N566S-\ VVEEINGNNY	87	>KIT-N566S-r VVEEINGSNY	48	39
>KIT-N566S-\ VVEEINGNNY	121	>KIT-N566S-r VVEEINGSNY	77	44

>KIT-N566S-\ VVEEINGNNY	627	>KIT-N566S-r VVEEINGSNY	344	283
>KIT-N566S-\ VVEEINGNNY	35	>KIT-N566S-r VVEEINGSNY	25	10
>KIT-N566S-\ VVEEINGNNY	316	>KIT-N566S-r VVEEINGSNY	228	88
>KIT-N566S-\ VVEEINGNNY	167	>KIT-N566S-r VVEEINGSNY	161	6
>KIT-N566S-\ VVEEINGNNY	597	>KIT-N566S-r VVEEINGSNY	470	127
>KIT-N566S-\ VVEEINGNNY	178	>KIT-N566S-r VVEEINGSNY	177	1
>KIT-N566S-\ KVVVEEINGN	3761	>KIT-N566S-r KVVVEEINGS	277	3484
>KIT-N566S-\ KVVVEEINGN	31	>KIT-N566S-r KVVVEEINGSN	21	10
>KIT-N566S-\ KVVVEEINGN	61	>KIT-N566S-r KVVVEEINGSN	127	66
>KIT-N566S-\ KVVVEEINGN	114	>KIT-N566S-r KVVVEEINGSN	105	9
>KIT-N566S-\ KVVVEEINGN	114	>KIT-N566S-r KVVVEEINGSN	92	22
>KIT-N566S-\ KVVVEEINGN	100	>KIT-N566S-r KVVVEEINGSN	25	75
>KIT-N567H-\ NYVYIDPTQL	150	>KIT-N567H-\ HYVYIDPTQL	188	38
>KIT-N567H-\ NYVYIDPTQL	163	>KIT-N567H-\ HYVYIDPTQL	51	112
>KIT-N567H-\ NNYVYIDPTC	8981	>KIT-N567H-\ NHYVYIDPTC	271	8710
>KIT-N567H-\ NNYVYIDPTC	1965	>KIT-N567H-\ NHYVYIDPTC	61	1904
>KIT-N567H-\ NNYVYIDPTC	2688	>KIT-N567H-\ NHYVYIDPTC	30	2658
>KIT-N567H-\ INGNNYVYI	163	>KIT-N567H-\ INGNHYVYI	19936	19773
>KIT-N567H-\ INGNNYVYI	141	>KIT-N567H-\ INGNHYVYI	66	75
>KIT-N567H-\ INGNNYVY	382	>KIT-N567H-\ INGNHYVY	179	203
>KIT-N567H-\ INGNNYVY	256	>KIT-N567H-\ INGNHYVY	623	367
>KIT-N567H-\ EINGNNYV	299	>KIT-N567H-\ EINGNHVY	361	62
>KIT-N567H-\ EINGNNYV	64	>KIT-N567H-\ EINGNHVY	18	46
>KIT-N567H-\ EINGNNYVYI	229	>KIT-N567H-\ EINGNHVYVI	183	46
>KIT-N567H-\ EINGNNYV	442	>KIT-N567H-\ EINGNHVY	145	297
>KIT-N567H-\ EINGNNYV	41	>KIT-N567H-\ EINGNHVY	16	25
>KIT-N567H-\ EINGNNYVYI	257	>KIT-N567H-\ EINGNHVYVI	723	466
>KIT-N567H-\ EINGNNYV	34	>KIT-N567H-\ EINGNHVY	9	25
>KIT-N567H-\ EINGNNYVY	203	>KIT-N567H-\ EINGNHVY	268	65
>KIT-N567H-\ EINGNNYVY	17	>KIT-N567H-\ EINGNHVY	10	7
>KIT-N567H-\ EINGNNYVY	425	>KIT-N567H-\ EINGNHVY	558	133
>KIT-N567H-\ EINGNNYVY	218	>KIT-N567H-\ EINGNHVY	56	162
>KIT-N567H-\ EINGNNYVY	70	>KIT-N567H-\ EINGNHVY	132	62
>KIT-N567H-\ EINGNNYVY	340	>KIT-N567H-\ EINGNHVY	273	67
>KIT-N567H-\ EINGNNYV	8	>KIT-N567H-\ EINGNHVY	8	0
>KIT-N567H-\ EINGNNYVYI	101	>KIT-N567H-\ EINGNHVYVI	158	57
>KIT-N567H-\ EINGNNYV	11	>KIT-N567H-\ EINGNHVY	7	4
>KIT-N567H-\ EINGNNYVYI	36	>KIT-N567H-\ EINGNHVYVI	36	0
>KIT-N567H-\ EINGNNYVY	515	>KIT-N567H-\ EINGNHVY	369	146
>KIT-N567H-\ EINGNNYVY	168	>KIT-N567H-\ EINGNHVY	217	49
>KIT-N567H-\ EINGNNYVY	81	>KIT-N567H-\ EINGNHVY	60	21
>KIT-N567H-\ EEINGNNY	611	>KIT-N567H-\ EEINGNHVY	453	158
>KIT-N567H-\ EEINGNNYVY	76	>KIT-N567H-\ EEINGNHVY	73	3

>KIT-N567H- EEINGNNY	230	>KIT-N567H- EEINGNHY	116	114
>KIT-N567H- EEINGNNYVY	179	>KIT-N567H- EEINGNHVYVY	106	73
>KIT-N567H- EEINGNNY	19	>KIT-N567H- EEINGNHY	82	63
>KIT-N567H- EEINGNNYVY	134	>KIT-N567H- EEINGNHVYVY	224	90
>KIT-N567H- EEINGNNYVY	328	>KIT-N567H- EEINGNHVYVY	427	99
>KIT-N567H- EEINGNNYV	241	>KIT-N567H- EEINGNHVY	135	106
>KIT-N567H- EEINGNNYV	1490	>KIT-N567H- EEINGNHVY	172	1318
>KIT-N567H- EEINGNNY	278	>KIT-N567H- EEINGNHY	227	51
>KIT-N567H- EEINGNNYVY	322	>KIT-N567H- EEINGNHVYVY	333	11
>KIT-N567H- EEINGNNYV	234	>KIT-N567H- EEINGNHVY	47	187
>KIT-N567H- EEINGNNYVY	59	>KIT-N567H- EEINGNHVYVY	36	23
>KIT-N567H- EEINGNNYVY	300	>KIT-N567H- EEINGNHVYVY	313	13
>KIT-N567H- EEINGNNYVY	466	>KIT-N567H- EEINGNHVYVY	836	370
>KIT-N567H- EEINGNNY	70	>KIT-N567H- EEINGNHY	73	3
>KIT-N567H- EEINGNNYV	488	>KIT-N567H- EEINGNHVY	189	299
>KIT-N567H- EEINGNNYVY	180	>KIT-N567H- EEINGNHVYVY	335	155
>KIT-N567H- EEINGNNYVY	190	>KIT-N567H- EEINGNHVYVY	133	57
>KIT-N567H- EEINGNNYV	74	>KIT-N567H- EEINGNHVY	31	43
>KIT-N567H- EEINGNNYVY	97	>KIT-N567H- EEINGNHVYVY	57	40
>KIT-N567H- EEINGNNYV	305	>KIT-N567H- EEINGNHVY	386	81
>KIT-N567H- EEINGNNYVY	63	>KIT-N567H- EEINGNHVYVY	50	13
>KIT-N567H- VEEINGNNYV	328	>KIT-N567H- VEEINGNHVY	248	80
>KIT-N567H- VEEINGNNYV	94	>KIT-N567H- VEEINGNHVY	61	33
>KIT-N567H- VEEINGNNYV	377	>KIT-N567H- VEEINGNHVY	325	52
>KIT-N567H- VVEEINGNNY	547	>KIT-N567H- VVEEINGNHY	215	332
>KIT-N567H- VVEEINGNNY	217	>KIT-N567H- VVEEINGNHY	182	35
>KIT-N567H- VVEEINGNNY	87	>KIT-N567H- VVEEINGNHY	55	32
>KIT-N567H- VVEEINGNNY	121	>KIT-N567H- VVEEINGNHY	34	87
>KIT-N567H- VVEEINGNNY	627	>KIT-N567H- VVEEINGNHY	183	444
>KIT-N567H- VVEEINGNNY	977	>KIT-N567H- VVEEINGNHY	261	716
>KIT-N567H- VVEEINGNNY	1150	>KIT-N567H- VVEEINGNHY	171	979
>KIT-N567H- VVEEINGNNY	35	>KIT-N567H- VVEEINGNHY	12	23
>KIT-N567H- VVEEINGNNY	316	>KIT-N567H- VVEEINGNHY	447	131
>KIT-N567H- VVEEINGNNY	167	>KIT-N567H- VVEEINGNHY	115	52
>KIT-N567H- VVEEINGNNY	597	>KIT-N567H- VVEEINGNHY	135	462
>KIT-N567H- VVEEINGNNY	178	>KIT-N567H- VVEEINGNHY	121	57
>KIT-N567H- KVVEEINGNN	31	>KIT-N567H- KVVEEINGNFI	23	8
>KIT-N567H- KVVEEINGNN	61	>KIT-N567H- KVVEEINGNFI	245	184
>KIT-N567H- KVVEEINGNN	617	>KIT-N567H- KVVEEINGNFI	380	237
>KIT-N567H- KVVEEINGNN	114	>KIT-N567H- KVVEEINGNFI	77	37
>KIT-N567H- KVVEEINGNN	114	>KIT-N567H- KVVEEINGNFI	80	34
>KIT-N567H- KVVEEINGNN	1251	>KIT-N567H- KVVEEINGNFI	238	1013
>KIT-N567H- KVVEEINGNN	100	>KIT-N567H- KVVEEINGNFI	130	30

>KIT-N567K-1 NYVYIDPTQL	150	>KIT-N567K-1 KYVYIDPTQL	42	108
>KIT-N567K-1 NYVYIDPTQL	163	>KIT-N567K-1 KYVYIDPTQL	68	95
>KIT-N567K-1 NYVYIDPTQL	10861	>KIT-N567K-1 KYVYIDPTQL	424	10437
>KIT-N567K-1 NYVYIDPT	1816	>KIT-N567K-1 KYVYIDPT	197	1619
>KIT-N567K-1 NYVYIDPTQ	2688	>KIT-N567K-1 KYVYIDPTQ	479	2209
>KIT-N567K-1 NNYVYIDPTC	4549	>KIT-N567K-1 NKYVYIDPTQ	85	4464
>KIT-N567K-1 NNYVYIDPTC	2688	>KIT-N567K-1 NKYVYIDPTQ	224	2464
>KIT-N567K-1 INGNNYVYI	163	>KIT-N567K-1 INGNKYVYI	28208	28045
>KIT-N567K-1 INGNNYVYI	141	>KIT-N567K-1 INGNKYVYI	76	65
>KIT-N567K-1 INGNNYVY	382	>KIT-N567K-1 INGNKYVY	979	597
>KIT-N567K-1 INGNNYVY	256	>KIT-N567K-1 INGNKYVY	502	246
>KIT-N567K-1 EINGNNYV	299	>KIT-N567K-1 EINGNKYV	2932	2633
>KIT-N567K-1 EINGNNYV	64	>KIT-N567K-1 EINGNKYV	100	36
>KIT-N567K-1 EINGNNYVYI	229	>KIT-N567K-1 EINGNKYVYI	371	142
>KIT-N567K-1 EINGNNYV	442	>KIT-N567K-1 EINGNKYV	1141	699
>KIT-N567K-1 EINGNNYV	41	>KIT-N567K-1 EINGNKYV	133	92
>KIT-N567K-1 EINGNNYVYI	257	>KIT-N567K-1 EINGNKYVYI	678	421
>KIT-N567K-1 EINGNNYV	34	>KIT-N567K-1 EINGNKYV	61	27
>KIT-N567K-1 EINGNNYVY	203	>KIT-N567K-1 EINGNKYVY	611	408
>KIT-N567K-1 EINGNNYVY	17	>KIT-N567K-1 EINGNKYVY	44	27
>KIT-N567K-1 EINGNNYVY	425	>KIT-N567K-1 EINGNKYVY	1606	1181
>KIT-N567K-1 EINGNNYVY	218	>KIT-N567K-1 EINGNKYVY	476	258
>KIT-N567K-1 EINGNNYVY	70	>KIT-N567K-1 EINGNKYVY	147	77
>KIT-N567K-1 EINGNNYVY	340	>KIT-N567K-1 EINGNKYVY	637	297
>KIT-N567K-1 EINGNNYV	8	>KIT-N567K-1 EINGNKYV	22	14
>KIT-N567K-1 EINGNNYVYI	101	>KIT-N567K-1 EINGNKYVYI	172	71
>KIT-N567K-1 EINGNNYV	11	>KIT-N567K-1 EINGNKYV	35	24
>KIT-N567K-1 EINGNNYVYI	36	>KIT-N567K-1 EINGNKYVYI	101	65
>KIT-N567K-1 EINGNNYVY	168	>KIT-N567K-1 EINGNKYVY	684	516
>KIT-N567K-1 EINGNNYVY	81	>KIT-N567K-1 EINGNKYVY	47	34
>KIT-N567K-1 EEINGNNYV	837	>KIT-N567K-1 EEINGNKYV	342	495
>KIT-N567K-1 EEINGNNYVY	76	>KIT-N567K-1 EEINGNKYVY	60	16
>KIT-N567K-1 EEINGNNY	230	>KIT-N567K-1 EEINGNKY	529	299
>KIT-N567K-1 EEINGNNYVY	179	>KIT-N567K-1 EEINGNKYVY	385	206
>KIT-N567K-1 EEINGNNY	19	>KIT-N567K-1 EEINGNKY	231	212
>KIT-N567K-1 EEINGNNYVY	134	>KIT-N567K-1 EEINGNKYVY	581	447
>KIT-N567K-1 EEINGNNYVY	328	>KIT-N567K-1 EEINGNKYVY	724	396
>KIT-N567K-1 EEINGNNYV	241	>KIT-N567K-1 EEINGNKYV	4436	4195
>KIT-N567K-1 EEINGNNY	278	>KIT-N567K-1 EEINGNKY	196	82
>KIT-N567K-1 EEINGNNYVY	322	>KIT-N567K-1 EEINGNKYVY	513	191
>KIT-N567K-1 EEINGNNYV	234	>KIT-N567K-1 EEINGNKYV	519	285
>KIT-N567K-1 EEINGNNYVY	59	>KIT-N567K-1 EEINGNKYVY	109	50
>KIT-N567K-1 EEINGNNYVY	300	>KIT-N567K-1 EEINGNKYVY	504	204

>KIT-N567K-\ EEINGNNYVY	466	>KIT-N567K-r EEINGNKYVY	1073	607
>KIT-N567K-\ EEINGNNY	70	>KIT-N567K-r EEINGNKY	80	10
>KIT-N567K-\ EEINGNNYV	488	>KIT-N567K-r EEINGNKYV	197	291
>KIT-N567K-\ EEINGNNYVY	180	>KIT-N567K-r EEINGNKYVY	442	262
>KIT-N567K-\ EEINGNNYVY	190	>KIT-N567K-r EEINGNKYVY	159	31
>KIT-N567K-\ EEINGNNYV	74	>KIT-N567K-r EEINGNKYV	115	41
>KIT-N567K-\ EEINGNNYVY	97	>KIT-N567K-r EEINGNKYVY	135	38
>KIT-N567K-\ EEINGNNYV	305	>KIT-N567K-r EEINGNKYV	789	484
>KIT-N567K-\ EEINGNNYVY	63	>KIT-N567K-r EEINGNKYVY	102	39
>KIT-N567K-\ VEEINGNNYV	328	>KIT-N567K-r VEEINGNKYV	166	162
>KIT-N567K-\ VEEINGNNYV	94	>KIT-N567K-r VEEINGNKYV	76	18
>KIT-N567K-\ VEEINGNNYV	377	>KIT-N567K-r VEEINGNKYV	364	13
>KIT-N567K-\ VVEEINGNNY	217	>KIT-N567K-r VVEEINGNKY	1233	1016
>KIT-N567K-\ VVEEINGNNY	87	>KIT-N567K-r VVEEINGNKY	427	340
>KIT-N567K-\ VVEEINGNNY	121	>KIT-N567K-r VVEEINGNKY	171	50
>KIT-N567K-\ VVEEINGNNY	35	>KIT-N567K-r VVEEINGNKY	61	26
>KIT-N567K-\ VVEEINGNN	27999	>KIT-N567K-r VVEEINGNK	400	27599
>KIT-N567K-\ VVEEINGNNY	316	>KIT-N567K-r VVEEINGNKY	267	49
>KIT-N567K-\ VVEEINGNN	27242	>KIT-N567K-r VVEEINGNK	276	26966
>KIT-N567K-\ VVEEINGNNY	167	>KIT-N567K-r VVEEINGNKY	974	807
>KIT-N567K-\ VVEEINGNNY	178	>KIT-N567K-r VVEEINGNKY	636	458
>KIT-N567K-\ KVVEEINGNN	29410	>KIT-N567K-r KVVEEINGNK	468	28942
>KIT-N567K-\ KVVEEINGNN	35649	>KIT-N567K-r KVVEEINGNK	466	35183
>KIT-N567K-\ KVVEEINGNN	31	>KIT-N567K-r KVVEEINGNK	54	23
>KIT-N567K-\ KVVEEINGNN	61	>KIT-N567K-r KVVEEINGNK	480	419
>KIT-N567K-\ KVVEEINGNN	11488	>KIT-N567K-r KVVEEINGNK	99	11389
>KIT-N567K-\ KVVEEINGNN	114	>KIT-N567K-r KVVEEINGNK	86	28
>KIT-N567K-\ KVVEEINGNN	114	>KIT-N567K-r KVVEEINGNK	431	317
>KIT-N567K-\ KVVEEINGNN	100	>KIT-N567K-r KVVEEINGNK	95	5
>KIT-N567S-\ NYVYIDPTQL	150	>KIT-N567S-r SYVYIDPTQL	27	123
>KIT-N567S-\ NYVYIDPTQL	163	>KIT-N567S-r SYVYIDPTQL	63	100
>KIT-N567S-\ NNYVYIDPTC	602	>KIT-N567S-r NSYVYIDPTQ	358	244
>KIT-N567S-\ NNYVYIDPTC	19539	>KIT-N567S-r NSYVYIDPTQ	68	19471
>KIT-N567S-\ INGNNYVYI	163	>KIT-N567S-r INGNSYVYI	15535	15372
>KIT-N567S-\ INGNNYVYI	141	>KIT-N567S-r INGNSYVYI	303	162
>KIT-N567S-\ INGNNYVY	382	>KIT-N567S-r INGNSYVY	469	87
>KIT-N567S-\ INGNNYVY	256	>KIT-N567S-r INGNSYVY	356	100
>KIT-N567S-\ INGNNYVY	1137	>KIT-N567S-r INGNSYVY	462	675
>KIT-N567S-\ INGNNYVY	1070	>KIT-N567S-r INGNSYVY	486	584
>KIT-N567S-\ EINGNNYV	299	>KIT-N567S-r EINGNSYV	401	102
>KIT-N567S-\ EINGNNYV	1089	>KIT-N567S-r EINGNSYV	356	733
>KIT-N567S-\ EINGNNYV	64	>KIT-N567S-r EINGNSYV	34	30
>KIT-N567S-\ EINGNNYVYI	229	>KIT-N567S-r EINGNSYVYI	219	10



>KIT-N567S-\ EINGNNYV	442	>KIT-N567S-r EINGNSYV	207	235
>KIT-N567S-\ EINGNNYV	41	>KIT-N567S-r EINGNSYV	20	21
>KIT-N567S-\ EINGNNYVYI	257	>KIT-N567S-r EINGNSYVYI	204	53
>KIT-N567S-\ EINGNNYV	34	>KIT-N567S-r EINGNSYV	17	17
>KIT-N567S-\ EINGNNYVY	203	>KIT-N567S-r EINGNSYVY	70	133
>KIT-N567S-\ EINGNNYVY	17	>KIT-N567S-r EINGNSYVY	26	9
>KIT-N567S-\ EINGNNYVY	425	>KIT-N567S-r EINGNSYVY	1044	619
>KIT-N567S-\ EINGNNYVY	218	>KIT-N567S-r EINGNSYVY	108	110
>KIT-N567S-\ EINGNNYVY	70	>KIT-N567S-r EINGNSYVY	93	23
>KIT-N567S-\ EINGNNYVY	340	>KIT-N567S-r EINGNSYVY	379	39
>KIT-N567S-\ EINGNNYV	8	>KIT-N567S-r EINGNSYV	8	0
>KIT-N567S-\ EINGNNYVYI	101	>KIT-N567S-r EINGNSYVYI	86	15
>KIT-N567S-\ EINGNNYV	11	>KIT-N567S-r EINGNSYV	11	0
>KIT-N567S-\ EINGNNYVYI	36	>KIT-N567S-r EINGNSYVYI	32	4
>KIT-N567S-\ EINGNNYVY	515	>KIT-N567S-r EINGNSYVY	205	310
>KIT-N567S-\ EINGNNYVY	168	>KIT-N567S-r EINGNSYVY	84	84
>KIT-N567S-\ EINGNNYVY	1173	>KIT-N567S-r EINGNSYVY	233	940
>KIT-N567S-\ EINGNNYVY	81	>KIT-N567S-r EINGNSYVY	61	20
>KIT-N567S-\ EEINGNNY	611	>KIT-N567S-r EEINGNSY	197	414
>KIT-N567S-\ EEINGNNYVY	76	>KIT-N567S-r EEINGNSYVY	71	5
>KIT-N567S-\ EEINGNNY	230	>KIT-N567S-r EEINGNSY	266	36
>KIT-N567S-\ EEINGNNYVY	179	>KIT-N567S-r EEINGNSYVY	179	0
>KIT-N567S-\ EEINGNNY	19	>KIT-N567S-r EEINGNSY	32	13
>KIT-N567S-\ EEINGNNYVY	134	>KIT-N567S-r EEINGNSYVY	295	161
>KIT-N567S-\ EEINGNNYVY	328	>KIT-N567S-r EEINGNSYVY	548	220
>KIT-N567S-\ EEINGNNYV	241	>KIT-N567S-r EEINGNSYV	364	123
>KIT-N567S-\ EEINGNNYVY	766	>KIT-N567S-r EEINGNSYVY	343	423
>KIT-N567S-\ EEINGNNY	278	>KIT-N567S-r EEINGNSY	77	201
>KIT-N567S-\ EEINGNNYVY	322	>KIT-N567S-r EEINGNSYVY	256	66
>KIT-N567S-\ EEINGNNYV	234	>KIT-N567S-r EEINGNSYV	180	54
>KIT-N567S-\ EEINGNNYVY	59	>KIT-N567S-r EEINGNSYVY	49	10
>KIT-N567S-\ EEINGNNYVY	300	>KIT-N567S-r EEINGNSYVY	288	12
>KIT-N567S-\ EEINGNNYVY	466	>KIT-N567S-r EEINGNSYVY	762	296
>KIT-N567S-\ EEINGNNY	70	>KIT-N567S-r EEINGNSY	66	4
>KIT-N567S-\ EEINGNNYV	488	>KIT-N567S-r EEINGNSYV	336	152
>KIT-N567S-\ EEINGNNYVY	180	>KIT-N567S-r EEINGNSYVY	334	154
>KIT-N567S-\ EEINGNNYVY	190	>KIT-N567S-r EEINGNSYVY	142	48
>KIT-N567S-\ EEINGNNYV	74	>KIT-N567S-r EEINGNSYV	73	1
>KIT-N567S-\ EEINGNNYVY	97	>KIT-N567S-r EEINGNSYVY	73	24
>KIT-N567S-\ EEINGNNYV	305	>KIT-N567S-r EEINGNSYV	176	129
>KIT-N567S-\ EEINGNNYVY	63	>KIT-N567S-r EEINGNSYVY	52	11
>KIT-N567S-\ VEEINGNNYV	328	>KIT-N567S-r VEEINGNSYV	327	1
>KIT-N567S-\ VEEINGNNY	821	>KIT-N567S-r VEEINGNSY	159	662

>KIT-N567S-1 VEEINGNNYV	94	>KIT-N567S-r VEEINGNSYV	66	28
>KIT-N567S-1 VEEINGNNYV	377	>KIT-N567S-r VEEINGNSYV	236	141
>KIT-N567S-1 VVEEINGNNY	217	>KIT-N567S-r VVEEINGNSY	331	114
>KIT-N567S-1 VVEEINGNNY	1025	>KIT-N567S-r VVEEINGNSY	447	578
>KIT-N567S-1 VVEEINGNNY	87	>KIT-N567S-r VVEEINGNSY	95	8
>KIT-N567S-1 VVEEINGNNY	121	>KIT-N567S-r VVEEINGNSY	69	52
>KIT-N567S-1 VVEEINGNNY	35	>KIT-N567S-r VVEEINGNSY	21	14
>KIT-N567S-1 VVEEINGNNY	316	>KIT-N567S-r VVEEINGNSY	432	116
>KIT-N567S-1 VVEEINGNNY	167	>KIT-N567S-r VVEEINGNSY	199	32
>KIT-N567S-1 VVEEINGNNY	178	>KIT-N567S-r VVEEINGNSY	498	320
>KIT-N567S-1 KVVEEINGNM	2548	>KIT-N567S-r KVVEEINGNS	375	2173
>KIT-N567S-1 KVVEEINGNM	31	>KIT-N567S-r KVVEEINGNS	34	3
>KIT-N567S-1 KVVEEINGNM	61	>KIT-N567S-r KVVEEINGNS	82	21
>KIT-N567S-1 KVVEEINGNM	114	>KIT-N567S-r KVVEEINGNS	51	63
>KIT-N567S-1 KVVEEINGNM	114	>KIT-N567S-r KVVEEINGNS	321	207
>KIT-N567S-1 KVVEEINGNM	1251	>KIT-N567S-r KVVEEINGNS	257	994
>KIT-N567S-1 KVVEEINGNM	100	>KIT-N567S-r KVVEEINGNS	76	24
>KIT-N567S-1 KVVEEINGNM	1540	>KIT-N567S-r KVVEEINGNS	287	1253
>KIT-N655K-1 NLLGACTI	240	>KIT-N655K-r KLLGACTI	29	211
>KIT-N655K-1 NLLGACTI	343	>KIT-N655K-r KLLGACTI	214	129
>KIT-N655K-1 NLLGACTI	262	>KIT-N655K-r KLLGACTI	90	172
>KIT-N655K-1 NLLGACTI	160	>KIT-N655K-r KLLGACTI	28	132
>KIT-N655K-1 NLLGACTI	19	>KIT-N655K-r KLLGACTI	5	14
>KIT-N655K-1 NLLGACTI	35	>KIT-N655K-r KLLGACTI	13	22
>KIT-N655K-1 NLLGACTI	30	>KIT-N655K-r KLLGACTI	8	22
>KIT-N655K-1 NLLGACTI	16	>KIT-N655K-r KLLGACTI	9	7
>KIT-N655K-1 NLLGACTI	15	>KIT-N655K-r KLLGACTI	6	9
>KIT-N655K-1 NLLGACTI	681	>KIT-N655K-r KLLGACTI	12	669
>KIT-N655K-1 NLLGACTI	305	>KIT-N655K-r KLLGACTI	5482	5177
>KIT-N655K-1 VNLLGACTI	473	>KIT-N655K-r VKLLGACTI	257	216
>KIT-N655K-1 VNLLGACTI	5613	>KIT-N655K-r VKLLGACTI	221	5392
>KIT-N655K-1 SYLGNHMNI\	26316	>KIT-N655K-r SYLGNHMNI\	230	26086
>KIT-N655K-1 SYLGNHMNI\	614	>KIT-N655K-r SYLGNHMNI\	288	326
>KIT-N655K-1 SYLGNHMNI\	6438	>KIT-N655K-r SYLGNHMNI\	14	6424
>KIT-N655K-1 SYLGNHMNI\	5663	>KIT-N655K-r SYLGNHMNI\	80	5583
>KIT-N655K-1 IVNLLGACTI	4188	>KIT-N655K-r IVKLLGACTI	246	3942
>KIT-N655K-1 IVNLLGACTI	387	>KIT-N655K-r IVKLLGACTI	2317	1930
>KIT-N655K-1 IVNLLGACTI	356	>KIT-N655K-r IVKLLGACTI	1575	1219
>KIT-N655K-1 NIVNLLGA	188	>KIT-N655K-r NIVKLLGA	359	171
>KIT-N655K-1 NIVNLLGACT	305	>KIT-N655K-r NIVKLLGACTI	585	280
>KIT-N655K-1 NIVNLLGA	135	>KIT-N655K-r NIVKLLGA	302	167
>KIT-N655K-1 NIVNLLGACT	224	>KIT-N655K-r NIVKLLGACTI	458	234
>KIT-N655K-1 NIVNLLGACT	347	>KIT-N655K-r NIVKLLGACTI	442	95

>KIT-N655K-1 HMNIVNLL	410	>KIT-N655K-1 HMNIVKLL	2796	2386
>KIT-N655K-1 HMNIVNLL	11	>KIT-N655K-1 HMNIVKLL	83	72
>KIT-N655K-1 HMNIVNLLG/	450	>KIT-N655K-1 HMNIVKLLG/	948	498
>KIT-N655K-1 HMNIVNLL	48	>KIT-N655K-1 HMNIVKLL	153	105
>KIT-N655K-1 HMNIVNLLG/	160	>KIT-N655K-1 HMNIVKLLG/	234	74
>KIT-N655K-1 HMNIVNLL	41	>KIT-N655K-1 HMNIVKLL	66	25
>KIT-N655K-1 HMNIVNLLG/	74	>KIT-N655K-1 HMNIVKLLG/	132	58
>KIT-N655K-1 HMNIVNLLG/	346	>KIT-N655K-1 HMNIVKLLG/	530	184
>KIT-N655K-1 HMNIVNLL	187	>KIT-N655K-1 HMNIVKLL	1063	876
>KIT-N655K-1 HMNIVNLLG/	469	>KIT-N655K-1 HMNIVKLLG/	1381	912
>KIT-N655K-1 HMNIVNLL	116	>KIT-N655K-1 HMNIVKLL	302	186
>KIT-N655K-1 HMNIVNLLG/	270	>KIT-N655K-1 HMNIVKLLG/	387	117
>KIT-N655K-1 HMNIVNLL	45	>KIT-N655K-1 HMNIVKLL	81	36
>KIT-N655K-1 HMNIVNLLG/	158	>KIT-N655K-1 HMNIVKLLG/	233	75
>KIT-N655K-1 HMNIVNLL	434	>KIT-N655K-1 HMNIVKLL	1980	1546
>KIT-N655K-1 NHMNIVNLL	1025	>KIT-N655K-1 NHMNIVKLL	271	754
>KIT-N655K-1 NHMNIVNLL	242	>KIT-N655K-1 NHMNIVKLL	3045	2803
>KIT-N655K-1 NHMNIVNL	361	>KIT-N655K-1 NHMNIVKL	179	182
>KIT-N655K-1 NHMNIVNLL	171	>KIT-N655K-1 NHMNIVKLL	281	110
>KIT-N655K-1 NHMNIVNL	15	>KIT-N655K-1 NHMNIVKL	26	11
>KIT-N655K-1 NHMNIVNLL	9	>KIT-N655K-1 NHMNIVKLL	29	20
>KIT-N655K-1 YLGNHMNIV/	23	>KIT-N655K-1 YLGNHMNIV/	29	6
>KIT-N655K-1 YLGNHMNIV/	6	>KIT-N655K-1 YLGNHMNIV/	8	2
>KIT-N655K-1 YLGNHMNIV/	10	>KIT-N655K-1 YLGNHMNIV/	15	5
>KIT-N655K-1 YLGNHMNIV/	111	>KIT-N655K-1 YLGNHMNIV/	158	47
>KIT-N655K-1 YLGNHMNIV/	5	>KIT-N655K-1 YLGNHMNIV/	5	0
>KIT-N655K-1 YLGNHMNIV/	4	>KIT-N655K-1 YLGNHMNIV/	5	1
>KIT-N655K-1 YLGNHMNIV/	12	>KIT-N655K-1 YLGNHMNIV/	12	0
>KIT-N655K-1 YLGNHMNIV/	20	>KIT-N655K-1 YLGNHMNIV/	26	6
>KIT-N655K-1 YLGNHMNIV/	2	>KIT-N655K-1 YLGNHMNIV/	2	0
>KIT-N655K-1 YLGNHMNIV/	21126	>KIT-N655K-1 YLGNHMNIV/	62	21064
>KIT-N655K-1 YLGNHMNIV/	35138	>KIT-N655K-1 YLGNHMNIV/	252	34886
>KIT-N655K-1 YLGNHMNIV/	33153	>KIT-N655K-1 YLGNHMNIV/	414	32739
>KIT-N819Y-1 KNDSNYVVK	5007	>KIT-N819Y-1 KYDSNYVVK	267	4740
>KIT-N819Y-1 KNDSNYVVK	5817	>KIT-N819Y-1 KYDSNYVVK	361	5456
>KIT-N819Y-1 KNDSNYVVK	4126	>KIT-N819Y-1 KYDSNYVVK	68	4058
>KIT-N819Y-1 KNDSNYVV	28064	>KIT-N819Y-1 KYDSNYVV	441	27623
>KIT-N819Y-1 IKNDSNYV	840	>KIT-N819Y-1 IKYDSNYV	360	480
>KIT-N819Y-1 IKNDSNYV	1263	>KIT-N819Y-1 IKYDSNYV	242	1021
>KIT-N819Y-1 IKNDSNYV	878	>KIT-N819Y-1 IKYDSNYV	90	788
>KIT-N819Y-1 IKNDSNYVV	1670	>KIT-N819Y-1 IKYDSNYVV	205	1465
>KIT-N819Y-1 IKNDSNYV	1522	>KIT-N819Y-1 IKYDSNYV	292	1230
>KIT-N819Y-1 IKNDSNYV	63	>KIT-N819Y-1 IKYDSNYV	12	51

>KIT-N819Y-1 IKNDSNYVV	26	>KIT-N819Y-r IKYDSNYVV	6	20
>KIT-N819Y-1 IKNDSNYVVK	83	>KIT-N819Y-r IKYDSNYVVK	16	67
>KIT-N819Y-1 DIKNDSNY	198	>KIT-N819Y-r DIKYDSNY	401	203
>KIT-N819Y-1 DIKNDSNY	243	>KIT-N819Y-r DIKYDSNY	97	146
>KIT-N819Y-1 DIKNDSNY	462	>KIT-N819Y-r DIKYDSNY	358	104
>KIT-N819Y-1 DIKNDSNYVV	291	>KIT-N819Y-r DIKYDSNYVV	129	162
>KIT-N819Y-1 DIKNDSNYV	512	>KIT-N819Y-r DIKYDSNYV	166	346
>KIT-N819Y-1 RDIKNDSNYV	394	>KIT-N819Y-r RDIKYDSNYV	187	207
>KIT-N819Y-1 RDIKNDSNY	1575	>KIT-N819Y-r RDIKYDSNY	327	1248
>KIT-N819Y-1 RDIKNDSNYV	709	>KIT-N819Y-r RDIKYDSNYV	273	436
>KIT-N819Y-1 RDIKNDSNYV	299	>KIT-N819Y-r RDIKYDSNYV	192	107
>KIT-N819Y-1 RDIKNDSNYV	87	>KIT-N819Y-r RDIKYDSNYV	54	33
>KIT-N819Y-1 ARDIKNDSNY	420	>KIT-N819Y-r ARDIKYDSNY	640	220
>KIT-N819Y-1 ARDIKNDSNY	200	>KIT-N819Y-r ARDIKYDSNY	215	15
>KIT-N819Y-1 LARDIKNDSN	1395	>KIT-N819Y-r LARDIKYDSN'	474	921
>KIT-N819Y-1 LARDIKNDSN	241	>KIT-N819Y-r LARDIKYDSN'	202	39
>KIT-N819Y-1 LARDIKNDSN	387	>KIT-N819Y-r LARDIKYDSN'	309	78
>KIT-N819Y-1 LARDIKNDSN	317	>KIT-N819Y-r LARDIKYDSN'	268	49
>KIT-N819Y-1 LARDIKNDSN	30	>KIT-N819Y-r LARDIKYDSN'	18	12
>KIT-N819Y-1 LARDIKNDSN	176	>KIT-N819Y-r LARDIKYDSN'	115	61
>KIT-N819Y-1 LARDIKNDSN	46	>KIT-N819Y-r LARDIKYDSN'	43	3
>KIT-N819Y-1 GLARDIKN	23296	>KIT-N819Y-r GLARDIKY	165	23131
>KIT-N819Y-1 GLARDIKN	30946	>KIT-N819Y-r GLARDIKY	391	30555
>KIT-N819Y-1 GLARDIKN	37475	>KIT-N819Y-r GLARDIKY	453	37022
>KIT-N819Y-1 FGLARDIKN	23439	>KIT-N819Y-r FGLARDIKY	311	23128
>KIT-N819Y-1 FGLARDIKN	23773	>KIT-N819Y-r FGLARDIKY	281	23492
>KIT-N819Y-1 FGLARDIKN	20102	>KIT-N819Y-r FGLARDIKY	132	19970
>KIT-N819Y-1 DFGLARDIKN	29183	>KIT-N819Y-r DFGLARDIKY	144	29039
>KIT-N822D-1 NYVVKGNAR	253	>KIT-N822D-r DYVVKGNAR	1320	1067
>KIT-N822D-1 NYVVKGNAR	309	>KIT-N822D-r DYVVKGNAR	2878	2569
>KIT-N822D-1 NYVVKGNAR	170	>KIT-N822D-r DYVVKGNAR	35	135
>KIT-N822D-1 NYVVKGNAR	384	>KIT-N822D-r DYVVKGNAR	1681	1297
>KIT-N822D-1 SNYVVKGNAI	129	>KIT-N822D-r SDYVVKGNAI	2574	2445
>KIT-N822D-1 DSNYVVKGN,	76	>KIT-N822D-r DSDYVVKGN,	292	216
>KIT-N822D-1 DSNYVVKGN,	27	>KIT-N822D-r DSDYVVKGN,	161	134
>KIT-N822D-1 IKNDSNYV	63	>KIT-N822D-r IKNDSYDV	277	214
>KIT-N822D-1 IKNDSNYVV	26	>KIT-N822D-r IKNDSYDVV	113	87
>KIT-N822D-1 IKNDSNYVVK	83	>KIT-N822D-r IKNDSYDVVK	182	99
>KIT-N822D-1 DIKNDSNY	198	>KIT-N822D-r DIKNDSYD	469	271
>KIT-N822D-1 DIKNDSNY	243	>KIT-N822D-r DIKNDSYD	625	382
>KIT-N822D-1 DIKNDSNY	462	>KIT-N822D-r DIKNDSYD	543	81
>KIT-N822D-1 DIKNDSNYVV	291	>KIT-N822D-r DIKNDSYDVV	382	91
>KIT-N822D-1 RDIKNDSNYV	394	>KIT-N822D-r RDIKNDSYDV	580	186

>KIT-N822D- RDIKNSNYV	299	>KIT-N822D- RDIKNSDYV	200	99
>KIT-N822D- RDIKNSNYV	87	>KIT-N822D- RDIKNSDYV	86	1
>KIT-N822D- ARDIKNSNY	420	>KIT-N822D- ARDIKNSDY	582	162
>KIT-N822D- ARDIKNSNY	200	>KIT-N822D- ARDIKNSDY	296	96
>KIT-N822D- LARDIKNSN	241	>KIT-N822D- LARDIKNSD	229	12
>KIT-N822D- LARDIKNSN	387	>KIT-N822D- LARDIKNSD	470	83
>KIT-N822D- LARDIKNSN	317	>KIT-N822D- LARDIKNSD	526	209
>KIT-N822D- LARDIKNSN	30	>KIT-N822D- LARDIKNSD	99	69
>KIT-N822D- LARDIKNSN	176	>KIT-N822D- LARDIKNSD	170	6
>KIT-N822D- LARDIKNSN	46	>KIT-N822D- LARDIKNSD	86	40
>KIT-N822H- NYVVKGNAR	253	>KIT-N822H- HYVVKGNAR	343	90
>KIT-N822H- NYVVKGNAR	309	>KIT-N822H- HYVVKGNAR	88	221
>KIT-N822H- NYVVKGNAR	559	>KIT-N822H- HYVVKGNAR	46	513
>KIT-N822H- NYVVKGNAR	170	>KIT-N822H- HYVVKGNAR	79	91
>KIT-N822H- NYVVKGNAR	384	>KIT-N822H- HYVVKGNAR	53	331
>KIT-N822H- SNYVVKGNAI	129	>KIT-N822H- SHYVVKGNAI	354	225
>KIT-N822H- SNYVVKGNAI	3607	>KIT-N822H- SHYVVKGNAI	105	3502
>KIT-N822H- SNYVVKGNAI	7589	>KIT-N822H- SHYVVKGNAI	164	7425
>KIT-N822H- DSNYVVKGN,	76	>KIT-N822H- DSHYVVKGN,	79	3
>KIT-N822H- DSNYVVKGN,	27	>KIT-N822H- DSHYVVKGN,	28	1
>KIT-N822H- IKNSNYV	878	>KIT-N822H- IKNSHYV	191	687
>KIT-N822H- IKNSNYV	1522	>KIT-N822H- IKNSHYV	223	1299
>KIT-N822H- IKNSNYV	63	>KIT-N822H- IKNSHYV	68	5
>KIT-N822H- IKNSNYVV	26	>KIT-N822H- IKNSHYVV	18	8
>KIT-N822H- IKNSNYVVK	83	>KIT-N822H- IKNSHYVVK	69	14
>KIT-N822H- DIKNSNYV	1669	>KIT-N822H- DIKNSHYV	126	1543
>KIT-N822H- DIKNSNY	198	>KIT-N822H- DIKNSHY	209	11
>KIT-N822H- DIKNSNY	243	>KIT-N822H- DIKNSHY	121	122
>KIT-N822H- DIKNSNY	462	>KIT-N822H- DIKNSHY	257	205
>KIT-N822H- DIKNSNYVV	291	>KIT-N822H- DIKNSHYVV	295	4
>KIT-N822H- DIKNSNYV	512	>KIT-N822H- DIKNSHYV	274	238
>KIT-N822H- DIKNSNYV	677	>KIT-N822H- DIKNSHYV	111	566
>KIT-N822H- RDIKNSNY	3689	>KIT-N822H- RDIKNSHY	463	3226
>KIT-N822H- RDIKNSNYV	394	>KIT-N822H- RDIKNSHYV	404	10
>KIT-N822H- RDIKNSNYV	299	>KIT-N822H- RDIKNSHYV	229	70
>KIT-N822H- RDIKNSNYV	87	>KIT-N822H- RDIKNSHYV	125	38
>KIT-N822H- ARDIKNSNY	420	>KIT-N822H- ARDIKNSHY	595	175
>KIT-N822H- ARDIKNSNY	200	>KIT-N822H- ARDIKNSHY	166	34
>KIT-N822H- LARDIKNSN	241	>KIT-N822H- LARDIKNSH	165	76
>KIT-N822H- LARDIKNSN	387	>KIT-N822H- LARDIKNSH	113	274
>KIT-N822H- LARDIKNSN	317	>KIT-N822H- LARDIKNSH	389	72
>KIT-N822H- LARDIKNSN	30	>KIT-N822H- LARDIKNSH	36	6
>KIT-N822H- LARDIKNSN	176	>KIT-N822H- LARDIKNSH	338	162

>KIT-N822H-LARDIKNDSN	46	>KIT-N822H-LARDIKNSH	56	10
>KIT-N822I-v NYVVKGNA	253	>KIT-N822I-n IYVVKGNA	324	71
>KIT-N822I-v NYVVKGNA	309	>KIT-N822I-n IYVVKGNA	250	59
>KIT-N822I-v NYVVKGNA	559	>KIT-N822I-n IYVVKGNA	93	466
>KIT-N822I-v NYVVKGNA	170	>KIT-N822I-n IYVVKGNA	214	44
>KIT-N822I-v NYVVKGNA	384	>KIT-N822I-n IYVVKGNA	216	168
>KIT-N822I-v SNYVVKGNA	129	>KIT-N822I-n SIYVVKGNA	130	1
>KIT-N822I-v SNYVVKGNA	14005	>KIT-N822I-n SIYVVKGNA	114	13891
>KIT-N822I-v SNYVVKGNA	18285	>KIT-N822I-n SIYVVKGNA	369	17916
>KIT-N822I-v SNYVVKGNA	26692	>KIT-N822I-n SIYVVKGNA	140	26552
>KIT-N822I-v SNYVVKGNA	18862	>KIT-N822I-n SIYVVKGNA	447	18415
>KIT-N822I-v SNYVVKGNA	684	>KIT-N822I-n SIYVVKGNA	41	643
>KIT-N822I-v SNYVVKGNA	1059	>KIT-N822I-n SIYVVKGNA	254	805
>KIT-N822I-v SNYVVKGNA	1257	>KIT-N822I-n SIYVVKGNA	16	1241
>KIT-N822I-v GLARDIKNDS	6882	>KIT-N822I-n GLARDIKNDS	43	6839
>KIT-N822I-v GLARDIKNDS	16992	>KIT-N822I-n GLARDIKNDS	40	16952
>KIT-N822I-v GLARDIKNDS	14777	>KIT-N822I-n GLARDIKNDS	104	14673
>KIT-N822I-v GLARDIKNDS	18226	>KIT-N822I-n GLARDIKNDS	65	18161
>KIT-N822I-v GLARDIKNDS	18864	>KIT-N822I-n GLARDIKNDS	119	18745
>KIT-N822I-v GLARDIKNDS	15198	>KIT-N822I-n GLARDIKNDS	53	15145
>KIT-N822I-v DSNYVVKGNA	76	>KIT-N822I-n DSIVVVKGNA	68	8
>KIT-N822I-v DSNYVVKGNA	27	>KIT-N822I-n DSIVVVKGNA	12	15
>KIT-N822I-v IKNDSNYV	878	>KIT-N822I-n IKNDSIYV	155	723
>KIT-N822I-v IKNDSNYVV	1670	>KIT-N822I-n IKNDSIYVV	207	1463
>KIT-N822I-v IKNDSNYV	1522	>KIT-N822I-n IKNDSIYV	444	1078
>KIT-N822I-v IKNDSNYVV	2771	>KIT-N822I-n IKNDSIYVV	480	2291
>KIT-N822I-v IKNDSNYV	63	>KIT-N822I-n IKNDSIYV	66	3
>KIT-N822I-v IKNDSNYVV	26	>KIT-N822I-n IKNDSIYVV	28	2
>KIT-N822I-v IKNDSNYVVK	83	>KIT-N822I-n IKNDSIYVVK	113	30
>KIT-N822I-v DIKNDSNY	198	>KIT-N822I-n DIKNDSIY	230	32
>KIT-N822I-v DIKNDSNY	243	>KIT-N822I-n DIKNDSIY	516	273
>KIT-N822I-v DIKNDSNY	462	>KIT-N822I-n DIKNDSIY	438	24
>KIT-N822I-v DIKNDSNYVV	291	>KIT-N822I-n DIKNDSIYVV	203	88
>KIT-N822I-v DIKNDSNYV	677	>KIT-N822I-n DIKNDSIYV	353	324
>KIT-N822I-v RDIKNDSNYV	394	>KIT-N822I-n RDIKNDSIYV	344	50
>KIT-N822I-v RDIKNDSNY	1575	>KIT-N822I-n RDIKNDSIY	317	1258
>KIT-N822I-v RDIKNDSN	36270	>KIT-N822I-n RDIKNDSI	212	36058
>KIT-N822I-v RDIKNDSNYV	709	>KIT-N822I-n RDIKNDSIYV	352	357
>KIT-N822I-v RDIKNDSN	25311	>KIT-N822I-n RDIKNDSI	121	25190
>KIT-N822I-v RDIKNDSNYV	299	>KIT-N822I-n RDIKNDSIYV	299	0
>KIT-N822I-v RDIKNDSNYV	87	>KIT-N822I-n RDIKNDSIYV	62	25
>KIT-N822I-v ARDIKNDSNY	420	>KIT-N822I-n ARDIKNDSIY	589	169
>KIT-N822I-v ARDIKNDSNY	200	>KIT-N822I-n ARDIKNDSIY	145	55

>KIT-N822I-v LARDIKNDSN	241	>KIT-N822I-n LARDIKNDSIY	156	85
>KIT-N822I-v LARDIKNDSN	387	>KIT-N822I-n LARDIKNDSIY	309	78
>KIT-N822I-v LARDIKNDSN	317	>KIT-N822I-n LARDIKNDSIY	277	40
>KIT-N822I-v LARDIKNDSN	30	>KIT-N822I-n LARDIKNDSIY	66	36
>KIT-N822I-v LARDIKNDSN	176	>KIT-N822I-n LARDIKNDSIY	93	83
>KIT-N822I-v LARDIKNDSN	46	>KIT-N822I-n LARDIKNDSIY	17	29
>KIT-N822K-1 NYVVKG NAR	253	>KIT-N822K-f KYVVKG NARI	63	190
>KIT-N822K-1 NYVVKG NAR	309	>KIT-N822K-f KYVVKG NARI	118	191
>KIT-N822K-1 NYVVKG NAR	559	>KIT-N822K-f KYVVKG NAR	19	540
>KIT-N822K-1 NYVVKG NAR	170	>KIT-N822K-f KYVVKG NAR	4193	4023
>KIT-N822K-1 NYVVKG NAR	384	>KIT-N822K-f KYVVKG NAR	29	355
>KIT-N822K-1 SNYVVKGNAI	129	>KIT-N822K-f SKYVVKGNAF	957	828
>KIT-N822K-1 SNYVVKGNAI	10253	>KIT-N822K-f SKYVVKGNAF	398	9855
>KIT-N822K-1 SNYVVKGNAI	8357	>KIT-N822K-f SKYVVKGNAF	288	8069
>KIT-N822K-1 DSNYVVKG N.	76	>KIT-N822K-f DSKYVVKG N.	46	30
>KIT-N822K-1 DSNYVVKG N.	27	>KIT-N822K-f DSKYVVKG N.	55	28
>KIT-N822K-1 IKNDSNYV	63	>KIT-N822K-f IKNDSKYV	92	29
>KIT-N822K-1 IKNDSNYVV	26	>KIT-N822K-f IKNDSKYVV	72	46
>KIT-N822K-1 IKNDSNYVVK	83	>KIT-N822K-f IKNDSKYVVK	219	136
>KIT-N822K-1 DIKNDSNY	198	>KIT-N822K-f DIKNDSKY	163	35
>KIT-N822K-1 DIKNDSNY	243	>KIT-N822K-f DIKNDSKY	572	329
>KIT-N822K-1 DIKNDSNY	462	>KIT-N822K-f DIKNDSKY	536	74
>KIT-N822K-1 DIKNDSNYVV	291	>KIT-N822K-f DIKNDSKYVV	703	412
>KIT-N822K-1 RDIKNDSNYV	394	>KIT-N822K-f RDIKNDSKYV	752	358
>KIT-N822K-1 RDIKNDSNYV	299	>KIT-N822K-f RDIKNDSKYV	446	147
>KIT-N822K-1 RDIKNDSNYV	87	>KIT-N822K-f RDIKNDSKYV	91	4
>KIT-N822K-1 ARDIKNDSNY	420	>KIT-N822K-f ARDIKNDSKY	375	45
>KIT-N822K-1 ARDIKNDSNY	200	>KIT-N822K-f ARDIKNDSKY	141	59
>KIT-N822K-1 LARDIKNDSN	8488	>KIT-N822K-f LARDIKNDSK	29	8459
>KIT-N822K-1 LARDIKNDSN	241	>KIT-N822K-f LARDIKNDSK	176	65
>KIT-N822K-1 LARDIKNDSN	387	>KIT-N822K-f LARDIKNDSK	740	353
>KIT-N822K-1 LARDIKNDSN	317	>KIT-N822K-f LARDIKNDSK	722	405
>KIT-N822K-1 LARDIKNDSN	30	>KIT-N822K-f LARDIKNDSK	30	0
>KIT-N822K-1 LARDIKNDSN	176	>KIT-N822K-f LARDIKNDSK	160	16
>KIT-N822K-1 LARDIKNDSN	46	>KIT-N822K-f LARDIKNDSK	26	20
>KIT-N822S-1 NYVVKG NAR	253	>KIT-N822S-r SYVVKG NARI	40	213
>KIT-N822S-1 NYVVKG NAR	309	>KIT-N822S-r SYVVKG NARI	117	192
>KIT-N822S-1 NYVVKG NAR	559	>KIT-N822S-r SYVVKG NAR	88	471
>KIT-N822S-1 NYVVKG NAR	170	>KIT-N822S-r SYVVKG NAR	965	795
>KIT-N822S-1 NYVVKG NAR	384	>KIT-N822S-r SYVVKG NAR	286	98
>KIT-N822S-1 SNYVVKGNAI	129	>KIT-N822S-r SSYVVKGNAF	80	49
>KIT-N822S-1 SNYVVKGNAI	18862	>KIT-N822S-r SSYVVKGNAF	370	18492
>KIT-N822S-1 SNYVVKGNAI	684	>KIT-N822S-r SSYVVKGNAF	32	652

>KIT-N822S-\ SNYVVKGNAI	1059	>KIT-N822S-r SSYVVKGNAF	484	575
>KIT-N822S-\ SNYVVKGNAI	1257	>KIT-N822S-r SSYVVKGNAF	15	1242
>KIT-N822S-\ SNYVVKGNAI	11148	>KIT-N822S-r SSYVVKGNAF	20	11128
>KIT-N822S-\ SNYVVKGNAI	1436	>KIT-N822S-r SSYVVKGNAF	60	1376
>KIT-N822S-\ SNYVVKGNAI	1344	>KIT-N822S-r SSYVVKGNAF	92	1252
>KIT-N822S-\ DSNYVVKGN.	76	>KIT-N822S-r DSSYVVKGN/	92	16
>KIT-N822S-\ DSNYVVKGN.	27	>KIT-N822S-r DSSYVVKGN/	17	10
>KIT-N822S-\ IKNDSNYV	878	>KIT-N822S-r IKNDSSYV	442	436
>KIT-N822S-\ IKNDSNYV	63	>KIT-N822S-r IKNDSSYV	36	27
>KIT-N822S-\ IKNDSNYVV	26	>KIT-N822S-r IKNDSSYVV	18	8
>KIT-N822S-\ IKNDSNYVVK	83	>KIT-N822S-r IKNDSSYVVK	52	31
>KIT-N822S-\ DIKNDSDNY	2232	>KIT-N822S-r DIKNDSSY	202	2030
>KIT-N822S-\ DIKNDSDNY	198	>KIT-N822S-r DIKNDSSY	55	143
>KIT-N822S-\ DIKNDSDNY	243	>KIT-N822S-r DIKNDSSY	285	42
>KIT-N822S-\ DIKNDSDNY	462	>KIT-N822S-r DIKNDSSY	216	246
>KIT-N822S-\ DIKNDSDNYVV	291	>KIT-N822S-r DIKNDSSYVV	214	77
>KIT-N822S-\ DIKNDSDNY	694	>KIT-N822S-r DIKNDSSY	341	353
>KIT-N822S-\ RDIKNDSDNY	3689	>KIT-N822S-r RDIKNDSSY	490	3199
>KIT-N822S-\ RDIKNDSDNYV	394	>KIT-N822S-r RDIKNDSSYV	346	48
>KIT-N822S-\ RDIKNDSDNYV	709	>KIT-N822S-r RDIKNDSSYV	459	250
>KIT-N822S-\ RDIKNDSDNYV	299	>KIT-N822S-r RDIKNDSSYV	309	10
>KIT-N822S-\ RDIKNDSDNYV	87	>KIT-N822S-r RDIKNDSSYV	75	12
>KIT-N822S-\ ARDIKNDSDNY	420	>KIT-N822S-r ARDIKNDSSY	550	130
>KIT-N822S-\ ARDIKNDSDNY	200	>KIT-N822S-r ARDIKNDSSY	251	51
>KIT-N822S-\ LARDIKNDSDN	241	>KIT-N822S-r LARDIKNDSS'	106	135
>KIT-N822S-\ LARDIKNDSDN	387	>KIT-N822S-r LARDIKNDSS'	120	267
>KIT-N822S-\ LARDIKNDSDN	317	>KIT-N822S-r LARDIKNDSS'	155	162
>KIT-N822S-\ LARDIKNDSDN	30	>KIT-N822S-r LARDIKNDSS'	29	1
>KIT-N822S-\ LARDIKNDSDN	176	>KIT-N822S-r LARDIKNDSS'	75	101
>KIT-N822S-\ LARDIKNDSDN	46	>KIT-N822S-r LARDIKNDSS'	24	22
>KIT-N822T-\ NYVVKGNAR	253	>KIT-N822T-r TYVVKGNARI	161	92
>KIT-N822T-\ NYVVKGNAR	309	>KIT-N822T-r TYVVKGNARI	174	135
>KIT-N822T-\ NYVVKGNAR	559	>KIT-N822T-r TYVVKGNAR	118	441
>KIT-N822T-\ NYVVKGNAR	170	>KIT-N822T-r TYVVKGNAR	264	94
>KIT-N822T-\ NYVVKGNAR	384	>KIT-N822T-r TYVVKGNAR	327	57
>KIT-N822T-\ SNYVVKGNAI	129	>KIT-N822T-r STYVVKGNAF	153	24
>KIT-N822T-\ SNYVVKGNAI	18862	>KIT-N822T-r STYVVKGNAF	151	18711
>KIT-N822T-\ SNYVVKGNAI	684	>KIT-N822T-r STYVVKGNAF	40	644
>KIT-N822T-\ SNYVVKGNAI	1059	>KIT-N822T-r STYVVKGNAF	350	709
>KIT-N822T-\ SNYVVKGNAI	1257	>KIT-N822T-r STYVVKGNAF	7	1250
>KIT-N822T-\ SNYVVKGNA	10860	>KIT-N822T-r STYVVKGNA	222	10638
>KIT-N822T-\ SNYVVKGNAI	7352	>KIT-N822T-r STYVVKGNAF	87	7265
>KIT-N822T-\ SNYVVKGNAI	12536	>KIT-N822T-r STYVVKGNAF	279	12257



>KIT-N822T-1 SNYVVKGNAI	11148	>KIT-N822T-r STYVVKGNAF	14	11134
>KIT-N822T-1 SNYVVKGNAI	1436	>KIT-N822T-r STYVVKGNAF	21	1415
>KIT-N822T-1 SNYVVKGNAI	8927	>KIT-N822T-r STYVVKGNAF	433	8494
>KIT-N822T-1 SNYVVKGNAI	1344	>KIT-N822T-r STYVVKGNAF	80	1264
>KIT-N822T-1 DSNYVVKGN.	76	>KIT-N822T-r DSTYVVKGN/	66	10
>KIT-N822T-1 DSNYVVKGN.	27	>KIT-N822T-r DSTYVVKGN/	19	8
>KIT-N822T-1 IKNDSNYV	63	>KIT-N822T-r IKNDSTYV	43	20
>KIT-N822T-1 IKNDSNYVV	26	>KIT-N822T-r IKNDSTYVV	23	3
>KIT-N822T-1 IKNDSNYVVK	83	>KIT-N822T-r IKNDSTYVVK	64	19
>KIT-N822T-1 DIKNDSNY	2232	>KIT-N822T-r DIKNDSTY	497	1735
>KIT-N822T-1 DIKNDSNY	198	>KIT-N822T-r DIKNDSTY	198	0
>KIT-N822T-1 DIKNDSNY	243	>KIT-N822T-r DIKNDSTY	415	172
>KIT-N822T-1 DIKNDSNY	462	>KIT-N822T-r DIKNDSTY	380	82
>KIT-N822T-1 DIKNDSNYVV	291	>KIT-N822T-r DIKNDSTYVV	278	13
>KIT-N822T-1 DIKNDSNY	694	>KIT-N822T-r DIKNDSTY	387	307
>KIT-N822T-1 RDIKNDSNYV	394	>KIT-N822T-r RDIKNDSTYV	417	23
>KIT-N822T-1 RDIKNDSNY	1575	>KIT-N822T-r RDIKNDSTY	224	1351
>KIT-N822T-1 RDIKNDSNYV	709	>KIT-N822T-r RDIKNDSTYV	312	397
>KIT-N822T-1 RDIKNDSNYV	299	>KIT-N822T-r RDIKNDSTYV	264	35
>KIT-N822T-1 RDIKNDSNYV	87	>KIT-N822T-r RDIKNDSTYV	56	31
>KIT-N822T-1 ARDIKNDSNY	420	>KIT-N822T-r ARDIKNDSTY	735	315
>KIT-N822T-1 ARDIKNDSNY	200	>KIT-N822T-r ARDIKNDSTY	187	13
>KIT-N822T-1 LARDIKNDSN	241	>KIT-N822T-r LARDIKNDST	140	101
>KIT-N822T-1 LARDIKNDSN	387	>KIT-N822T-r LARDIKNDST	160	227
>KIT-N822T-1 LARDIKNDSN	317	>KIT-N822T-r LARDIKNDST	224	93
>KIT-N822T-1 LARDIKNDSN	30	>KIT-N822T-r LARDIKNDST	19	11
>KIT-N822T-1 LARDIKNDSN	176	>KIT-N822T-r LARDIKNDST	43	133
>KIT-N822T-1 LARDIKNDSN	46	>KIT-N822T-r LARDIKNDST	15	31
>KIT-N822Y-1 NYVVKGNAR	253	>KIT-N822Y-r YVVKGNARI	200	53
>KIT-N822Y-1 NYVVKGNAR	309	>KIT-N822Y-r YVVKGNARI	22	287
>KIT-N822Y-1 NYVVKGNAR	559	>KIT-N822Y-r YVVKGNAR	218	341
>KIT-N822Y-1 NYVVKGNAR	170	>KIT-N822Y-r YVVKGNAR	150	20
>KIT-N822Y-1 NYVVKGNAR	384	>KIT-N822Y-r YVVKGNAR	221	163
>KIT-N822Y-1 SNYVVKGNAI	129	>KIT-N822Y-r SYVVKGNAF	200	71
>KIT-N822Y-1 SNYVVKGNAI	8370	>KIT-N822Y-r SYVVKGNAF	9	8361
>KIT-N822Y-1 SNYVVKGNAI	24228	>KIT-N822Y-r SYVVKGNAF	263	23965
>KIT-N822Y-1 SNYVVKGNAI	23949	>KIT-N822Y-r SYVVKGNAF	34	23915
>KIT-N822Y-1 SNYVVKGNAI	684	>KIT-N822Y-r SYVVKGNAF	51	633
>KIT-N822Y-1 SNYVVKGNAI	1059	>KIT-N822Y-r SYVVKGNAF	95	964
>KIT-N822Y-1 SNYVVKGNAI	4098	>KIT-N822Y-r SYVVKGNAF	119	3979
>KIT-N822Y-1 GLARDIKNDS	27798	>KIT-N822Y-r GLARDIKNDS	194	27604
>KIT-N822Y-1 GLARDIKNDS	19813	>KIT-N822Y-r GLARDIKNDS	360	19453
>KIT-N822Y-1 DSNYVVKGN.	76	>KIT-N822Y-r DSYVVKGN/	35	41

>KIT-N822Y-1 DSNYVVKGN.	27	>KIT-N822Y-r DSYVVKGN/	10	17
>KIT-N822Y-1 IKNDSNYV	840	>KIT-N822Y-r IKNDSYYV	483	357
>KIT-N822Y-1 IKNDSNYV	878	>KIT-N822Y-r IKNDSYYV	177	701
>KIT-N822Y-1 IKNDSNYV	63	>KIT-N822Y-r IKNDSYYV	56	7
>KIT-N822Y-1 IKNDSNYVV	26	>KIT-N822Y-r IKNDSYYVV	14	12
>KIT-N822Y-1 IKNDSNYVVK	83	>KIT-N822Y-r IKNDSYYVVK	49	34
>KIT-N822Y-1 DIKNSNY	198	>KIT-N822Y-r DIKNSYY	70	128
>KIT-N822Y-1 DIKNSNY	243	>KIT-N822Y-r DIKNSYY	153	90
>KIT-N822Y-1 DIKNSNY	462	>KIT-N822Y-r DIKNSYY	148	314
>KIT-N822Y-1 DIKNSNYVV	291	>KIT-N822Y-r DIKNSYYVV	233	58
>KIT-N822Y-1 DIKNSNYV	512	>KIT-N822Y-r DIKNSYYV	102	410
>KIT-N822Y-1 DIKNSNYV	677	>KIT-N822Y-r DIKNSYYV	249	428
>KIT-N822Y-1 RDIKNSNYV	394	>KIT-N822Y-r RDIKNSYYV	344	50
>KIT-N822Y-1 RDIKNSNYV	299	>KIT-N822Y-r RDIKNSYYV	125	174
>KIT-N822Y-1 RDIKNSNYV	87	>KIT-N822Y-r RDIKNSYYV	74	13
>KIT-N822Y-1 ARDIKNSNY	420	>KIT-N822Y-r ARDIKNSYY	258	162
>KIT-N822Y-1 ARDIKNSNY	200	>KIT-N822Y-r ARDIKNSYY	141	59
>KIT-N822Y-1 LARDIKNSN	1395	>KIT-N822Y-r LARDIKNSY'	322	1073
>KIT-N822Y-1 LARDIKNSN	241	>KIT-N822Y-r LARDIKNSY'	80	161
>KIT-N822Y-1 LARDIKNSN	19492	>KIT-N822Y-r LARDIKNSY	275	19217
>KIT-N822Y-1 LARDIKNSN	387	>KIT-N822Y-r LARDIKNSY'	240	147
>KIT-N822Y-1 LARDIKNSN	317	>KIT-N822Y-r LARDIKNSY'	404	87
>KIT-N822Y-1 LARDIKNSN	17631	>KIT-N822Y-r LARDIKNSY	99	17532
>KIT-N822Y-1 LARDIKNSN	30	>KIT-N822Y-r LARDIKNSY'	35	5
>KIT-N822Y-1 LARDIKNSN	176	>KIT-N822Y-r LARDIKNSY'	200	24
>KIT-N822Y-1 LARDIKNSN	46	>KIT-N822Y-r LARDIKNSY'	21	25
>KIT-P31L-wi PGEPSPPSI	2178	>KIT-P31L-mi LGEPSPPSI	51	2127
>KIT-P31L-wi SPGEPSPPSI	25774	>KIT-P31L-mi SLGEPSPPSI	285	25489
>KIT-P31L-wi SPGEPSPPSI	18969	>KIT-P31L-mi SLGEPSPPSI	99	18870
>KIT-P31L-wi SPGEPSPPSI	13460	>KIT-P31L-mi SLGEPSPPSI	43	13417
>KIT-P31L-wi SPGEPSPPS	24756	>KIT-P31L-mi SLGEPSPPS	81	24675
>KIT-P31L-wi SPGEPSPPSI	9021	>KIT-P31L-mi SLGEPSPPSI	3	9018
>KIT-P31L-wi SPGEPSPPSI	18533	>KIT-P31L-mi SLGEPSPPSI	15	18518
>KIT-P31L-wi SPGEPSPPS	22868	>KIT-P31L-mi SLGEPSPPS	357	22511
>KIT-P31L-wi SPGEPSPPSI	15227	>KIT-P31L-mi SLGEPSPPSI	7	15220
>KIT-P31L-wi SPGEPSPPSI	23344	>KIT-P31L-mi SLGEPSPPSI	22	23322
>KIT-P31L-wi SPGEPSPPSI	24755	>KIT-P31L-mi SLGEPSPPSI	7	24748
>KIT-P31L-wi SPGEPSPPSI	367	>KIT-P31L-mi SLGEPSPPSI	115	252
>KIT-P31L-wi QTGSSQPSVS	10388	>KIT-P31L-mi QTGSSQPSVS	386	10002
>KIT-P31L-wi QTGSSQPSVS	14368	>KIT-P31L-mi QTGSSQPSVS	340	14028
>KIT-P31L-wi QTGSSQPSVS	19664	>KIT-P31L-mi QTGSSQPSVS	77	19587
>KIT-P31L-wi QTGSSQPSVS	23375	>KIT-P31L-mi QTGSSQPSVS	490	22885
>KIT-P31L-wi QTGSSQPSVS	24602	>KIT-P31L-mi QTGSSQPSVS	470	24132

>KIT-P31L-wi VSPGEPSPPS	918	>KIT-P31L-mi VSLGEPSPPSI	21	897
>KIT-P31L-wi VSPGEPSPPS	12002	>KIT-P31L-mi VSLGEPSPPSI	307	11695
>KIT-P31L-wi VSPGEPSPPS	22	>KIT-P31L-mi VSLGEPSPPSI	6971	6949
>KIT-P31L-wi VSPGEPSPPS	82	>KIT-P31L-mi VSLGEPSPPSI	44	38
>KIT-P31L-wi SSQPSVSP	7748	>KIT-P31L-mi SSQPSVSL	429	7319
>KIT-P31L-wi SSQPSVSP	10327	>KIT-P31L-mi SSQPSVSL	8	10319
>KIT-P31L-wi SSQPSVSP	29980	>KIT-P31L-mi SSQPSVSL	407	29573
>KIT-P31L-wi SSQPSVSP	11220	>KIT-P31L-mi SSQPSVSL	52	11168
>KIT-P31L-wi GSSQPSVSP	16946	>KIT-P31L-mi GSSQPSVSL	27	16919
>KIT-P31L-wi GSSQPSVSP	10461	>KIT-P31L-mi GSSQPSVSL	129	10332
>KIT-P31L-wi GSSQPSVSP	22979	>KIT-P31L-mi GSSQPSVSL	270	22709
>KIT-P31L-wi TGSSQPSVSP	19883	>KIT-P31L-mi TGSSQPSVSL	416	19467
>KIT-P456S-v LPVDVQTL	192	>KIT-P456S-n LSVDVQTL	21127	20935
>KIT-P456S-v LPVDVQTL	15328	>KIT-P456S-n LSVDVQTL	16	15312
>KIT-P456S-v LPVDVQTL	34	>KIT-P456S-n LSVDVQTL	3870	3836
>KIT-P456S-v LPVDVQTL	241	>KIT-P456S-n LSVDVQTL	15625	15384
>KIT-P456S-v LPVDVQTL	56	>KIT-P456S-n LSVDVQTL	11256	11200
>KIT-P456S-v LPVDVQTLN	262	>KIT-P456S-n LSVDVQTLN	22508	22246
>KIT-P456S-v LPVDVQTLNS	372	>KIT-P456S-n LSVDVQTLNS	26282	25910
>KIT-P456S-v LPVDVQTLNS	47	>KIT-P456S-n LSVDVQTLNS	14488	14441
>KIT-P456S-v LPVDVQTL	19679	>KIT-P456S-n LSVDVQTL	164	19515
>KIT-P456S-v LPVDVQTL	113	>KIT-P456S-n LSVDVQTL	12645	12532
>KIT-P456S-v LPVDVQTL	114	>KIT-P456S-n LSVDVQTL	13995	13881
>KIT-P456S-v VLPVDVQTL	1242	>KIT-P456S-n VLSVDVQTL	471	771
>KIT-P456S-v VLPVDVQTL	365	>KIT-P456S-n VLSVDVQTL	35	330
>KIT-P456S-v VLPVDVQTL	168	>KIT-P456S-n VLSVDVQTL	57	111
>KIT-P456S-v VLPVDVQTL	16	>KIT-P456S-n VLSVDVQTL	18	2
>KIT-P456S-v VLPVDVQTL	40	>KIT-P456S-n VLSVDVQTL	17	23
>KIT-P456S-v VLPVDVQTL	29	>KIT-P456S-n VLSVDVQTL	22	7
>KIT-P456S-v VLPVDVQTL	50	>KIT-P456S-n VLSVDVQTL	11	39
>KIT-P456S-v VLPVDVQT	129	>KIT-P456S-n VLSVDVQT	77	52
>KIT-P456S-v VLPVDVQTL	4	>KIT-P456S-n VLSVDVQTL	3	1
>KIT-P456S-v SVLPVDVQTL	680	>KIT-P456S-n SVLSVDVQTL	233	447
>KIT-P456S-v SVLPVDVQTL	705	>KIT-P456S-n SVLSVDVQTL	388	317
>KIT-P456S-v SVLPVDVQTL	431	>KIT-P456S-n SVLSVDVQTL	642	211
>KIT-P456S-v SVLPVDVQTL	56	>KIT-P456S-n SVLSVDVQTL	67	11
>KIT-P456S-v SVLPVDVQTL	279	>KIT-P456S-n SVLSVDVQTL	388	109
>KIT-P456S-v SVLPVDVQTL	38	>KIT-P456S-n SVLSVDVQTL	46	8
>KIT-P456S-v SVLPVDVQTL	55	>KIT-P456S-n SVLSVDVQTL	146	91
>KIT-P456S-v SVLPVDVQTL	200	>KIT-P456S-n SVLSVDVQTL	118	82
>KIT-P456S-v ASVLPVDVQT	908	>KIT-P456S-n ASVLSVDVQT	330	578
>KIT-P456S-v ASVLPVDVQT	197	>KIT-P456S-n ASVLSVDVQT	335	138
>KIT-P456S-v ASVLPVDVQT	781	>KIT-P456S-n ASVLSVDVQT	462	319

>KIT-P456S-v ASVLPVDVQT	14	>KIT-P456S-n ASVLSVDVQT	8	6
>KIT-P456S-v SASVLPVDV	922	>KIT-P456S-n SASVLSVDV	418	504
>KIT-P456S-v CSASVLPV	424	>KIT-P456S-n CSASVLSV	453	29
>KIT-P456S-v CSASVLPV	514	>KIT-P456S-n CSASVLSV	497	17
>KIT-P456S-v CSASVLPV	29	>KIT-P456S-n CSASVLSV	53	24
>KIT-P456S-v CSASVLPV	349	>KIT-P456S-n CSASVLSV	131	218
>KIT-P456S-v RCSASVLPV	221	>KIT-P456S-n RCSASVLSV	492	271
>KIT-P456S-v RCSASVLPV	424	>KIT-P456S-n RCSASVLSV	474	50
>KIT-P456S-v QRCSASVLPV	202	>KIT-P456S-n QRCSASVLSV	229	27
>KIT-P456S-v QRCSASVLPV	319	>KIT-P456S-n QRCSASVLSV	578	259
>KIT-P456S-v EQRCSASVLP	165	>KIT-P456S-n EQRCSASVLS	245	80
>KIT-P456S-v EQRCSASVLP	16	>KIT-P456S-n EQRCSASVLS	16	0
>KIT-P551L-v PMYEVQWK\	17	>KIT-P551L-n LMYEVQWK\	6	11
>KIT-P551L-v PMYEVQWK\	8027	>KIT-P551L-n LMYEVQWK\	254	7773
>KIT-P551L-v PMYEVQWK\	18	>KIT-P551L-n LMYEVQWK\	3	15
>KIT-P551L-v PMYEVQWK\	3112	>KIT-P551L-n LMYEVQWK\	135	2977
>KIT-P551L-v PMYEVQWK\	48	>KIT-P551L-n LMYEVQWK\	4	44
>KIT-P551L-v PMYEVQWK\	805	>KIT-P551L-n LMYEVQWK\	40	765
>KIT-P551L-v PMYEVQWK\	33	>KIT-P551L-n LMYEVQWK\	4	29
>KIT-P551L-v PMYEVQWK	510	>KIT-P551L-n LMYEVQWK	26	484
>KIT-P551L-v PMYEVQWK\	1	>KIT-P551L-n LMYEVQWK\	1	0
>KIT-P551L-v PMYEVQWK\	4	>KIT-P551L-n LMYEVQWK\	2	2
>KIT-P551L-v PMYEVQWK\	1490	>KIT-P551L-n LMYEVQWK\	74	1416
>KIT-P551L-v PMYEVQWK\	5	>KIT-P551L-n LMYEVQWK\	2	3
>KIT-P551L-v PMYEVQWK\	97	>KIT-P551L-n LMYEVQWK\	6	91
>KIT-P551L-v PMYEVQWK\	4	>KIT-P551L-n LMYEVQWK\	3	1
>KIT-P551L-v PMYEVQWK\	11	>KIT-P551L-n LMYEVQWK\	5	6
>KIT-P551L-v PMYEVQWK\	3	>KIT-P551L-n LMYEVQWK\	2	1
>KIT-P551L-v PMYEVQWK\	54	>KIT-P551L-n LMYEVQWK\	9	45
>KIT-P551L-v PMYEVQWK	1802	>KIT-P551L-n LMYEVQWK	31	1771
>KIT-P551L-v PMYEVQWK\	2	>KIT-P551L-n LMYEVQWK\	1	1
>KIT-P551L-v PMYEVQWK\	10	>KIT-P551L-n LMYEVQWK\	3	7
>KIT-P551L-v PMYEVQWK\	9551	>KIT-P551L-n LMYEVQWK\	407	9144
>KIT-P551L-v PMYEVQWK	129	>KIT-P551L-n LMYEVQWK	34	95
>KIT-P551L-v PMYEVQWK	1471	>KIT-P551L-n LMYEVQWK	75	1396
>KIT-P551L-v PMYEVQWK	5023	>KIT-P551L-n LMYEVQWK	276	4747
>KIT-P551L-v PMYEVQWK	3061	>KIT-P551L-n LMYEVQWK	125	2936
>KIT-P551L-v PMYEVQWK\	2625	>KIT-P551L-n LMYEVQWK\	274	2351
>KIT-P551L-v PMYEVQWK\	145	>KIT-P551L-n LMYEVQWK\	14	131
>KIT-P551L-v PMYEVQWK\	3758	>KIT-P551L-n LMYEVQWK\	352	3406
>KIT-P551L-v PMYEVQWK\	1327	>KIT-P551L-n LMYEVQWK\	68	1259
>KIT-P551L-v KPMYEVQWf	3851	>KIT-P551L-n KLMYEVQWf	7	3844
>KIT-P551L-v KPMYEVQWf	17953	>KIT-P551L-n KLMYEVQWf	36	17917

>KIT-P551L-v KPMYEVQWf	6541	>KIT-P551L-n KLMYEVQWk	12	6529
>KIT-P551L-v KPMYEVQWf	19421	>KIT-P551L-n KLMYEVQWk	30	19391
>KIT-P551L-v KPMYEVQWf	12322	>KIT-P551L-n KLMYEVQWk	41	12281
>KIT-P551L-v KPMYEVQWf	13209	>KIT-P551L-n KLMYEVQWk	13	13196
>KIT-P551L-v KPMYEVQWf	2861	>KIT-P551L-n KLMYEVQWk	54	2807
>KIT-P551L-v KPMYEVQWf	8089	>KIT-P551L-n KLMYEVQWk	44	8045
>KIT-P551L-v KPMYEVQWf	4123	>KIT-P551L-n KLMYEVQWk	2	4121
>KIT-P551L-v KPMYEVQWf	17531	>KIT-P551L-n KLMYEVQWk	9	17522
>KIT-P551L-v KPMYEVQWf	5545	>KIT-P551L-n KLMYEVQWk	3	5542
>KIT-P551L-v KPMYEVQWf	16673	>KIT-P551L-n KLMYEVQWk	12	16661
>KIT-P551L-v KPMYEVQWf	5395	>KIT-P551L-n KLMYEVQWk	6	5389
>KIT-P551L-v KPMYEVQWf	20220	>KIT-P551L-n KLMYEVQWk	25	20195
>KIT-P551L-v KPMYEVQWf	9677	>KIT-P551L-n KLMYEVQWk	2	9675
>KIT-P551L-v KPMYEVQWf	18831	>KIT-P551L-n KLMYEVQWk	15	18816
>KIT-P551L-v KPMYEVQWf	15909	>KIT-P551L-n KLMYEVQWk	2	15907
>KIT-P551L-v KPMYEVQWf	27962	>KIT-P551L-n KLMYEVQWk	13	27949
>KIT-P551L-v KPMYEVQWf	11558	>KIT-P551L-n KLMYEVQWk	50	11508
>KIT-P551L-v KPMYEVQWf	8109	>KIT-P551L-n KLMYEVQWk	116	7993
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>KIT-P551L-v KPMYEVQW	2056	>KIT-P551L-n KLMYEVQW	13	2043
>KIT-P551L-v KPMYEVQWf	9927	>KIT-P551L-n KLMYEVQWk	125	9802
>KIT-P551L-v KPMYEVQWf	157	>KIT-P551L-n KLMYEVQWk	28027	27870
>KIT-P551L-v KPMYEVQWf	136	>KIT-P551L-n KLMYEVQWk	17712	17576
>KIT-P551L-v KPMYEVQWf	2311	>KIT-P551L-n KLMYEVQWk	305	2006
>KIT-P551L-v KPMYEVQW	2672	>KIT-P551L-n KLMYEVQW	97	2575
>KIT-P551L-v KPMYEVQW	20	>KIT-P551L-n KLMYEVQW	11512	11492
>KIT-P551L-v KPMYEVQWf	68	>KIT-P551L-n KLMYEVQWk	22698	22630
>KIT-P551L-v KPMYEVQW	536	>KIT-P551L-n KLMYEVQW	100	436
>KIT-P551L-v KPMYEVQW	199	>KIT-P551L-n KLMYEVQW	17	182
>KIT-P551L-v KPMYEVQW	9	>KIT-P551L-n KLMYEVQW	1922	1913
>KIT-P551L-v MILTYKYLQKf	7074	>KIT-P551L-n MILTYKYLQKf	284	6790
>KIT-P551L-v MILTYKYLQKf	19768	>KIT-P551L-n MILTYKYLQKf	52	19716
>KIT-P551L-v MILTYKYLQKf	9849	>KIT-P551L-n MILTYKYLQKf	53	9796
>KIT-P551L-v MILTYKYLQKf	10331	>KIT-P551L-n MILTYKYLQKf	88	10243
>KIT-P551L-v MILTYKYLQKf	11974	>KIT-P551L-n MILTYKYLQKf	32	11942
>KIT-P551L-v MILTYKYLQKf	22847	>KIT-P551L-n MILTYKYLQKf	302	22545
>KIT-P551L-v MILTYKYLQKf	21805	>KIT-P551L-n MILTYKYLQKf	24	21781
>KIT-P551L-v MILTYKYLQKf	15759	>KIT-P551L-n MILTYKYLQKf	213	15546
>KIT-P551L-v MILTYKYLQKf	8933	>KIT-P551L-n MILTYKYLQKf	141	8792
>KIT-P551L-v QKPMYEVQV	1466	>KIT-P551L-n QKLMYEVQV	127	1339
>KIT-P551L-v QKPMYEVQV	2477	>KIT-P551L-n QKLMYEVQV	302	2175
>KIT-P551L-v QKPMYEVQV	2802	>KIT-P551L-n QKLMYEVQV	169	2633
>KIT-P551L-v LQKPMYEV	327	>KIT-P551L-n LQKLMYEV	443	116

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>KIT-P551L-v LQKPMYEV	318	>KIT-P551L-n LQKLMYEV	2979	2661
>KIT-P551L-v LQKPMYEVQ	243	>KIT-P551L-n LQKLMYEVQ'	523	280
>KIT-P551L-v LQKPMYEVQ	415	>KIT-P551L-n LQKLMYEVQ'	724	309
>KIT-P551L-v LQKPMYEV	403	>KIT-P551L-n LQKLMYEV	1080	677
>KIT-P551L-v LQKPMYEVQ	230	>KIT-P551L-n LQKLMYEVQ	758	528
>KIT-P551L-v LQKPMYEVQ	247	>KIT-P551L-n LQKLMYEVQ'	725	478
>KIT-P551L-v LQKPMYEV	155	>KIT-P551L-n LQKLMYEV	517	362
>KIT-P551L-v LQKPMYEVQ	225	>KIT-P551L-n LQKLMYEVQ'	539	314
>KIT-P551L-v LQKPMYEVQ	168	>KIT-P551L-n LQKLMYEVQ'	323	155
>KIT-P551L-v LQKPMYEVQ	230	>KIT-P551L-n LQKLMYEVQ'	380	150
>KIT-P551L-v YLQKPMYEV	7	>KIT-P551L-n YLQKLMYEV	6	1
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>KIT-P551L-v YLQKPMYEV	7	>KIT-P551L-n YLQKLMYEV	5	2
>KIT-P551L-v YLQKPMYEV	13	>KIT-P551L-n YLQKLMYEV	10	3
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>KIT-P551L-v YLQKPMYEV	2	>KIT-P551L-n YLQKLMYEV	2	0
>KIT-P551L-v YLQKPMYEV	6	>KIT-P551L-n YLQKLMYEV	6	0
>KIT-P551L-v YLQKPMYEV	3	>KIT-P551L-n YLQKLMYEV	3	0
>KIT-P551L-v YLQKPMYEV	2	>KIT-P551L-n YLQKLMYEV	2	0
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>KIT-P551L-v YLQKPMYEV	93	>KIT-P551L-n YLQKLMYEV	168	75
>KIT-P551L-v YLQKPMYEV	55	>KIT-P551L-n YLQKLMYEV	136	81
>KIT-P551L-v YLQKPMYEV(	124	>KIT-P551L-n YLQKLMYEV(	252	128
>KIT-P551L-v YLQKPMYEV(	721	>KIT-P551L-n YLQKLMYEV(	366	355
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>KIT-P551L-v KYLQKPMYEV\	307	>KIT-P551L-n KYLQKLMYEV	168	139
>KIT-P551L-v KYLQKPMY	159	>KIT-P551L-n KYLQKLMY	60	99
>KIT-P551L-v KYLQKPMYEV	582	>KIT-P551L-n KYLQKLMYEV	182	400
>KIT-P551L-v KYLQKPMYEV\	28	>KIT-P551L-n KYLQKLMYEV	13	15
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>KIT-P551L-v KYLQKPMY	89	>KIT-P551L-n KYLQKLMY	39	50
>KIT-P551L-v KYLQKPMYEV\	471	>KIT-P551L-n KYLQKLMYEV	474	3
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>KIT-P551L-v KYLQKPMY	160	>KIT-P551L-n KYLQKLMY	17	143
>KIT-P551L-v KYLQKPMYEV	82	>KIT-P551L-n KYLQKLMYEV	119	37
>KIT-P551L-v KYLQKPMYEV\	121	>KIT-P551L-n KYLQKLMYEV\	150	29
>KIT-P551L-v KYLQKPMYEV\	652	>KIT-P551L-n KYLQKLMYEV\	343	309
>KIT-P551L-v KYLQKPMYEV	331	>KIT-P551L-n KYLQKLMYEV	382	51
>KIT-P551L-v KYLQKPMYEV\	56	>KIT-P551L-n KYLQKLMYEV\	101	45
>KIT-P551L-v KYLQKPMYEV\	391	>KIT-P551L-n KYLQKLMYEV\	487	96
>KIT-P551L-v YKYLQKPM	3767	>KIT-P551L-n YKYLQKLM	366	3401

>KIT-P551L-v YKYLQKPMYE	499	>KIT-P551L-n YKYLQKLMYE	195	304
>KIT-P551L-v YKYLQKPMYE	447	>KIT-P551L-n YKYLQKLMYE	412	35
>KIT-P551L-v YKYLQKPMYE	121	>KIT-P551L-n YKYLQKLMYE	189	68
>KIT-P551L-v YKYLQKPMYE	356	>KIT-P551L-n YKYLQKLMYE	468	112
>KIT-P551L-v YKYLQKPMYE	365	>KIT-P551L-n YKYLQKLMYE	531	166
>KIT-P551L-v YKYLQKPMY	153	>KIT-P551L-n YKYLQKLMY	30	123
>KIT-P551L-v YKYLQKPMY	9184	>KIT-P551L-n YKYLQKLMY	432	8752
>KIT-P551L-v YKYLQKPM	8	>KIT-P551L-n YKYLQKLM	21	13
>KIT-P551L-v YKYLQKPMY	9	>KIT-P551L-n YKYLQKLMY	7	2
>KIT-P551L-v YKYLQKPMYE	39	>KIT-P551L-n YKYLQKLMYE	42	3
>KIT-P551L-v TYKYLQKPM	498	>KIT-P551L-n TYKYLQKLM	4861	4363
>KIT-P551L-v TYKYLQKP	20634	>KIT-P551L-n TYKYLQKL	490	20144
>KIT-P551L-v TYKYLQKP	11740	>KIT-P551L-n TYKYLQKL	46	11694
>KIT-P551L-v TYKYLQKPM\	100	>KIT-P551L-n TYKYLQKLMY	37	63
>KIT-P551L-v TYKYLQKPM\	348	>KIT-P551L-n TYKYLQKLMY	526	178
>KIT-P551L-v TYKYLQKPM\	3910	>KIT-P551L-n TYKYLQKLMY	208	3702
>KIT-P551L-v TYKYLQKP	12563	>KIT-P551L-n TYKYLQKL	439	12124
>KIT-P551L-v LTYKYLQKP	2226	>KIT-P551L-n LTYKYLQKL	40	2186
>KIT-P551L-v LTYKYLQKPM	695	>KIT-P551L-n LTYKYLQKLM	93	602
>KIT-P551L-v LTYKYLQKP	11922	>KIT-P551L-n LTYKYLQKL	114	11808
>KIT-P551L-v LTYKYLQKP	16540	>KIT-P551L-n LTYKYLQKL	294	16246
>KIT-P551L-v LTYKYLQKP	16952	>KIT-P551L-n LTYKYLQKL	358	16594
>KIT-P551L-v LTYKYLQKP	14253	>KIT-P551L-n LTYKYLQKL	88	14165
>KIT-P551L-v LTYKYLQKP	30204	>KIT-P551L-n LTYKYLQKL	328	29876
>KIT-P551L-v LTYKYLQKPM	422	>KIT-P551L-n LTYKYLQKLM	197	225
>KIT-P551L-v LTYKYLQKPM	765	>KIT-P551L-n LTYKYLQKLM	282	483
>KIT-P551L-v LTYKYLQKPM	117	>KIT-P551L-n LTYKYLQKLM	576	459
>KIT-P551L-v LTYKYLQKPM	73	>KIT-P551L-n LTYKYLQKLM	224	151
>KIT-P551L-v LTYKYLQKPM	29	>KIT-P551L-n LTYKYLQKLM	14	15
>KIT-P551L-v LTYKYLQKPM	74	>KIT-P551L-n LTYKYLQKLM	220	146
>KIT-P551L-v LTYKYLQKP	16135	>KIT-P551L-n LTYKYLQKL	392	15743
>KIT-P551L-v LTYKYLQKPM	607	>KIT-P551L-n LTYKYLQKLM	38	569
>KIT-P551L-v LTYKYLQKPM	198	>KIT-P551L-n LTYKYLQKLM	1927	1729
>KIT-P551L-v LTYKYLQKPM	149	>KIT-P551L-n LTYKYLQKLM	116	33
>KIT-P551L-v LTYKYLQKP	6720	>KIT-P551L-n LTYKYLQKL	290	6430
>KIT-P551L-v LTYKYLQKPM	59	>KIT-P551L-n LTYKYLQKLM	309	250
>KIT-P551L-v LTYKYLQKPM	95	>KIT-P551L-n LTYKYLQKLM	82	13
>KIT-P551L-v LTYKYLQKP	5809	>KIT-P551L-n LTYKYLQKL	8	5801
>KIT-P551L-v LTYKYLQKPM	6	>KIT-P551L-n LTYKYLQKLM	10	4
>KIT-P551L-v LTYKYLQKPM	4	>KIT-P551L-n LTYKYLQKLM	4	0
>KIT-P551L-v LTYKYLQKPM	626	>KIT-P551L-n LTYKYLQKLM	432	194
>KIT-P551L-v LTYKYLQKPM	867	>KIT-P551L-n LTYKYLQKLM	291	576
>KIT-P551L-v LTYKYLQKPM	576	>KIT-P551L-n LTYKYLQKLM	361	215

>KIT-P551L-v LTYKYLQKP	13344	>KIT-P551L-n LTYKYLQKL	235	13109
>KIT-P551L-v LTYKYLQKPM	488	>KIT-P551L-n LTYKYLQKLM	145	343
>KIT-P551L-v LTYKYLQKP	5137	>KIT-P551L-n LTYKYLQKL	38	5099
>KIT-P551L-v LTYKYLQKPM	37	>KIT-P551L-n LTYKYLQKLM	23	14
>KIT-P551L-v LTYKYLQKPM	6	>KIT-P551L-n LTYKYLQKLM	6	0
>KIT-P551L-v LTYKYLQKP	16763	>KIT-P551L-n LTYKYLQKL	70	16693
>KIT-P551L-v ILTYKYLQKP	14954	>KIT-P551L-n ILTYKYLQKL	118	14836
>KIT-P551L-v ILTYKYLQKP	13073	>KIT-P551L-n ILTYKYLQKL	222	12851
>KIT-P551L-v ILTYKYLQKP	17059	>KIT-P551L-n ILTYKYLQKL	223	16836
>KIT-P551L-v ILTYKYLQKP	20904	>KIT-P551L-n ILTYKYLQKL	418	20486
>KIT-P551L-v ILTYKYLQKP	14217	>KIT-P551L-n ILTYKYLQKL	9	14208
>KIT-P551S-v PMYEVQWK\	17	>KIT-P551S-n SMYEVQWK\	6	11
>KIT-P551S-v PMYEVQWK\	8027	>KIT-P551S-n SMYEVQWK\	177	7850
>KIT-P551S-v PMYEVQWK\	18	>KIT-P551S-n SMYEVQWK\	4	14
>KIT-P551S-v PMYEVQWK\	3112	>KIT-P551S-n SMYEVQWK\	127	2985
>KIT-P551S-v PMYEVQWK\	48	>KIT-P551S-n SMYEVQWK\	5	43
>KIT-P551S-v PMYEVQWK\	805	>KIT-P551S-n SMYEVQWK\	32	773
>KIT-P551S-v PMYEVQWK\	33	>KIT-P551S-n SMYEVQWK\	4	29
>KIT-P551S-v PMYEVQWK	510	>KIT-P551S-n SMYEVQWK	24	486
>KIT-P551S-v PMYEVQWK\	1	>KIT-P551S-n SMYEVQWK\	1	0
>KIT-P551S-v PMYEVQWK\	4	>KIT-P551S-n SMYEVQWK\	2	2
>KIT-P551S-v PMYEVQWK\	1490	>KIT-P551S-n SMYEVQWK\	67	1423
>KIT-P551S-v PMYEVQWK\	5	>KIT-P551S-n SMYEVQWK\	2	3
>KIT-P551S-v PMYEVQWK\	97	>KIT-P551S-n SMYEVQWK\	8	89
>KIT-P551S-v PMYEVQWK	4787	>KIT-P551S-n SMYEVQWK	206	4581
>KIT-P551S-v PMYEVQWK\	4	>KIT-P551S-n SMYEVQWK\	3	1
>KIT-P551S-v PMYEVQWK\	11	>KIT-P551S-n SMYEVQWK\	4	7
>KIT-P551S-v PMYEVQWK\	3	>KIT-P551S-n SMYEVQWK\	3	0
>KIT-P551S-v PMYEVQWK\	54	>KIT-P551S-n SMYEVQWK\	27	27
>KIT-P551S-v PMYEVQWK	1802	>KIT-P551S-n SMYEVQWK	50	1752
>KIT-P551S-v PMYEVQWK\	2	>KIT-P551S-n SMYEVQWK\	1	1
>KIT-P551S-v PMYEVQWK\	10	>KIT-P551S-n SMYEVQWK\	3	7
>KIT-P551S-v PMYEVQWK	129	>KIT-P551S-n SMYEVQWK	33	96
>KIT-P551S-v PMYEVQWK	1471	>KIT-P551S-n SMYEVQWK	14	1457
>KIT-P551S-v PMYEVQWK	5023	>KIT-P551S-n SMYEVQWK	215	4808
>KIT-P551S-v PMYEVQWK	3061	>KIT-P551S-n SMYEVQWK	113	2948
>KIT-P551S-v PMYEVQWK\	2625	>KIT-P551S-n SMYEVQWK\	112	2513
>KIT-P551S-v PMYEVQWK\	145	>KIT-P551S-n SMYEVQWK\	7	138
>KIT-P551S-v PMYEVQWK\	2777	>KIT-P551S-n SMYEVQWK\	252	2525
>KIT-P551S-v PMYEVQWK\	1327	>KIT-P551S-n SMYEVQWK\	215	1112
>KIT-P551S-v KPMYEVQWf	3851	>KIT-P551S-n KSMYEVQWf	206	3645
>KIT-P551S-v KPMYEVQWf	2861	>KIT-P551S-n KSMYEVQWf	392	2469
>KIT-P551S-v KPMYEVQWf	11558	>KIT-P551S-n KSMYEVQWf	166	11392



>KIT-P551S-v KPMYEVQWI	8109	>KIT-P551S-n KSMYEVQWf	30	8079
>KIT-P551S-v KPMYEVQWI	12395	>KIT-P551S-n KSMYEVQWf	32	12363
>KIT-P551S-v KPMYEVQWI	16550	>KIT-P551S-n KSMYEVQWf	436	16114
>KIT-P551S-v KPMYEVQW	2056	>KIT-P551S-n KSMYEVQW	19	2037
>KIT-P551S-v KPMYEVQWI	9927	>KIT-P551S-n KSMYEVQWf	175	9752
>KIT-P551S-v KPMYEVQWI	157	>KIT-P551S-n KSMYEVQWf	21854	21697
>KIT-P551S-v KPMYEVQWI	136	>KIT-P551S-n KSMYEVQWf	22064	21928
>KIT-P551S-v KPMYEVQWI	2311	>KIT-P551S-n KSMYEVQWf	208	2103
>KIT-P551S-v KPMYEVQW	2672	>KIT-P551S-n KSMYEVQW	7	2665
>KIT-P551S-v KPMYEVQWI	23610	>KIT-P551S-n KSMYEVQWf	199	23411
>KIT-P551S-v KPMYEVQWI	22879	>KIT-P551S-n KSMYEVQWf	141	22738
>KIT-P551S-v KPMYEVQW	20	>KIT-P551S-n KSMYEVQW	1656	1636
>KIT-P551S-v KPMYEVQWI	68	>KIT-P551S-n KSMYEVQWf	18008	17940
>KIT-P551S-v KPMYEVQW	536	>KIT-P551S-n KSMYEVQW	30	506
>KIT-P551S-v KPMYEVQW	199	>KIT-P551S-n KSMYEVQW	8	191
>KIT-P551S-v KPMYEVQWI	18295	>KIT-P551S-n KSMYEVQWf	165	18130
>KIT-P551S-v KPMYEVQWI	15354	>KIT-P551S-n KSMYEVQWf	184	15170
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>KIT-P551S-v KPMYEVQWI	5341	>KIT-P551S-n KSMYEVQWf	288	5053
>KIT-P551S-v QKPMYEVQV	1466	>KIT-P551S-n QKSMYEVQV	230	1236
>KIT-P551S-v QKPMYEVQV	2802	>KIT-P551S-n QKSMYEVQV	427	2375
>KIT-P551S-v LQKPMYEV	327	>KIT-P551S-n LQKSMYEV	220	107
>KIT-P551S-v LQKPMYEV	48	>KIT-P551S-n LQKSMYEV	34	14
>KIT-P551S-v LQKPMYEV	34	>KIT-P551S-n LQKSMYEV	59	25
>KIT-P551S-v LQKPMYEV	318	>KIT-P551S-n LQKSMYEV	816	498
>KIT-P551S-v LQKPMYEVQ	243	>KIT-P551S-n LQKSMYEVQ'	409	166
>KIT-P551S-v LQKPMYEVQ	415	>KIT-P551S-n LQKSMYEVQ'	348	67
>KIT-P551S-v LQKPMYEV	403	>KIT-P551S-n LQKSMYEV	342	61
>KIT-P551S-v LQKPMYEVQ	230	>KIT-P551S-n LQKSMYEVQ	239	9
>KIT-P551S-v LQKPMYEVQ	247	>KIT-P551S-n LQKSMYEVQ'	260	13
>KIT-P551S-v LQKPMYEV	155	>KIT-P551S-n LQKSMYEV	57	98
>KIT-P551S-v LQKPMYEVQ	225	>KIT-P551S-n LQKSMYEVQ'	95	130
>KIT-P551S-v LQKPMYEVQ	168	>KIT-P551S-n LQKSMYEVQ'	121	47
>KIT-P551S-v LQKPMYEVQ	230	>KIT-P551S-n LQKSMYEVQ'	192	38
>KIT-P551S-v YLQKPMYEV	7	>KIT-P551S-n YLQKSMYEV	7	0
>KIT-P551S-v YLQKPMYEV	5	>KIT-P551S-n YLQKSMYEV	3	2
>KIT-P551S-v YLQKPMYEV	7	>KIT-P551S-n YLQKSMYEV	4	3
>KIT-P551S-v YLQKPMYEV	13	>KIT-P551S-n YLQKSMYEV	8	5
>KIT-P551S-v YLQKPMYEV	1	>KIT-P551S-n YLQKSMYEV	2	1
>KIT-P551S-v YLQKPMYEV	2	>KIT-P551S-n YLQKSMYEV	2	0
>KIT-P551S-v YLQKPMYEV	6	>KIT-P551S-n YLQKSMYEV	6	0
>KIT-P551S-v YLQKPMYEV	3	>KIT-P551S-n YLQKSMYEV	4	1
>KIT-P551S-v YLQKPMYEV	2	>KIT-P551S-n YLQKSMYEV	2	0

>KIT-P551S-v YLQKPMYEV(	77	>KIT-P551S-n YLQKSMYEV(	67	10
>KIT-P551S-v YLQKPMYEV	93	>KIT-P551S-n YLQKSMYEV	242	149
>KIT-P551S-v YLQKPMYEV	55	>KIT-P551S-n YLQKSMYEV	184	129
>KIT-P551S-v YLQKPMYEV(	124	>KIT-P551S-n YLQKSMYEV(	75	49
>KIT-P551S-v YLQKPMYEV(	721	>KIT-P551S-n YLQKSMYEV(	362	359
>KIT-P551S-v KYLQKPMYEV	100	>KIT-P551S-n KYLQKSMYEV	211	111
>KIT-P551S-v KYLQKPMYEV	307	>KIT-P551S-n KYLQKSMYEV	204	103
>KIT-P551S-v KYLQKPMY	159	>KIT-P551S-n KYLQKSMY	98	61
>KIT-P551S-v KYLQKPMYE	582	>KIT-P551S-n KYLQKSMYE	267	315
>KIT-P551S-v KYLQKPMYEV	28	>KIT-P551S-n KYLQKSMYEV	18	10
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>KIT-P551S-v KYLQKPMY	89	>KIT-P551S-n KYLQKSMY	146	57
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>KIT-P551S-v KYLQKPMY	93	>KIT-P551S-n KYLQKSMY	87	6
>KIT-P551S-v KYLQKPMY	160	>KIT-P551S-n KYLQKSMY	104	56
>KIT-P551S-v KYLQKPMYE	82	>KIT-P551S-n KYLQKSMYE	93	11
>KIT-P551S-v KYLQKPMYEV	121	>KIT-P551S-n KYLQKSMYEV	127	6
>KIT-P551S-v KYLQKPMYE	331	>KIT-P551S-n KYLQKSMYE	550	219
>KIT-P551S-v KYLQKPMYEV	56	>KIT-P551S-n KYLQKSMYEV	109	53
>KIT-P551S-v KYLQKPMYEV	391	>KIT-P551S-n KYLQKSMYEV	515	124
>KIT-P551S-v YKYLQKPMYE	499	>KIT-P551S-n YKYLQKSMYE	182	317
>KIT-P551S-v YKYLQKPMYE	447	>KIT-P551S-n YKYLQKSMYE	533	86
>KIT-P551S-v YKYLQKPMYE	121	>KIT-P551S-n YKYLQKSMYE	209	88
>KIT-P551S-v YKYLQKPMYE	356	>KIT-P551S-n YKYLQKSMYE	667	311
>KIT-P551S-v YKYLQKPMYE	365	>KIT-P551S-n YKYLQKSMYE	421	56
>KIT-P551S-v YKYLQKPMY	153	>KIT-P551S-n YKYLQKSMY	335	182
>KIT-P551S-v YKYLQKPMY	1903	>KIT-P551S-n YKYLQKSMY	241	1662
>KIT-P551S-v YKYLQKPM	8	>KIT-P551S-n YKYLQKSM	7	1
>KIT-P551S-v YKYLQKPMY	9	>KIT-P551S-n YKYLQKSMY	5	4
>KIT-P551S-v YKYLQKPMYE	39	>KIT-P551S-n YKYLQKSMYE	23	16
>KIT-P551S-v YKYLQKPMY	1728	>KIT-P551S-n YKYLQKSMY	42	1686
>KIT-P551S-v TYKYLQKPM	498	>KIT-P551S-n TYKYLQKSM	341	157
>KIT-P551S-v TYKYLQKPM\	100	>KIT-P551S-n TYKYLQKSM\	106	6
>KIT-P551S-v TYKYLQKPM\	348	>KIT-P551S-n TYKYLQKSM\	141	207
>KIT-P551S-v LTYKYLQKPM	695	>KIT-P551S-n LTYKYLQKSM	481	214
>KIT-P551S-v LTYKYLQKPM	422	>KIT-P551S-n LTYKYLQKSM	304	118
>KIT-P551S-v LTYKYLQKPM	559	>KIT-P551S-n LTYKYLQKSM	388	171
>KIT-P551S-v LTYKYLQKPM	117	>KIT-P551S-n LTYKYLQKSM	223	106
>KIT-P551S-v LTYKYLQKPM	73	>KIT-P551S-n LTYKYLQKSM	73	0
>KIT-P551S-v LTYKYLQKPM	29	>KIT-P551S-n LTYKYLQKSM	39	10
>KIT-P551S-v LTYKYLQKPM	74	>KIT-P551S-n LTYKYLQKSM	92	18
>KIT-P551S-v LTYKYLQKPM	612	>KIT-P551S-n LTYKYLQKSM	332	280
>KIT-P551S-v LTYKYLQKPM	607	>KIT-P551S-n LTYKYLQKSM	387	220

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>KIT-P551S-v LTYKYLQKPM	149	>KIT-P551S-n LTYKYLQKSM	119	30
>KIT-P551S-v LTYKYLQKPM	59	>KIT-P551S-n LTYKYLQKSM	70	11
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>KIT-P551S-v LTYKYLQKPM	4	>KIT-P551S-n LTYKYLQKSM	4	0
>KIT-P551S-v LTYKYLQKPM	626	>KIT-P551S-n LTYKYLQKSM	477	149
>KIT-P551S-v LTYKYLQKPM	867	>KIT-P551S-n LTYKYLQKSM	375	492
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>KIT-P551S-v LTYKYLQKPM	37	>KIT-P551S-n LTYKYLQKSM	24	13
>KIT-P551S-v LTYKYLQKPM	6	>KIT-P551S-n LTYKYLQKSM	2	4
>KIT-P551T-v PMYEVQWK\	17	>KIT-P551T-r TMYEVQWK\	7	10
>KIT-P551T-v PMYEVQWK\	8027	>KIT-P551T-r TMYEVQWK\	329	7698
>KIT-P551T-v PMYEVQWK\	18	>KIT-P551T-r TMYEVQWK\	4	14
>KIT-P551T-v PMYEVQWK\	3112	>KIT-P551T-r TMYEVQWK\	264	2848
>KIT-P551T-v PMYEVQWK\	48	>KIT-P551T-r TMYEVQWK\	5	43
>KIT-P551T-v PMYEVQWK\	805	>KIT-P551T-r TMYEVQWK\	42	763
>KIT-P551T-v PMYEVQWK\	33	>KIT-P551T-r TMYEVQWK\	5	28
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>KIT-P551T-v PMYEVQWK\	4	>KIT-P551T-r TMYEVQWK\	2	2
>KIT-P551T-v PMYEVQWK\	1490	>KIT-P551T-r TMYEVQWK\	346	1144
>KIT-P551T-v PMYEVQWK\	5	>KIT-P551T-r TMYEVQWK\	2	3
>KIT-P551T-v PMYEVQWK\	97	>KIT-P551T-r TMYEVQWK\	12	85
>KIT-P551T-v PMYEVQWK\	4	>KIT-P551T-r TMYEVQWK\	3	1
>KIT-P551T-v PMYEVQWK\	11	>KIT-P551T-r TMYEVQWK\	6	5
>KIT-P551T-v PMYEVQWK\	3	>KIT-P551T-r TMYEVQWK\	2	1
>KIT-P551T-v PMYEVQWK\	54	>KIT-P551T-r TMYEVQWK\	22	32
>KIT-P551T-v PMYEVQWK	1802	>KIT-P551T-r TMYEVQWK	233	1569
>KIT-P551T-v PMYEVQWK\	2	>KIT-P551T-r TMYEVQWK\	2	0
>KIT-P551T-v PMYEVQWK\	10	>KIT-P551T-r TMYEVQWK\	4	6
>KIT-P551T-v PMYEVQWK	129	>KIT-P551T-r TMYEVQWK	33	96
>KIT-P551T-v PMYEVQWK	1471	>KIT-P551T-r TMYEVQWK	21	1450
>KIT-P551T-v PMYEVQWK	5023	>KIT-P551T-r TMYEVQWK	287	4736
>KIT-P551T-v PMYEVQWK	3061	>KIT-P551T-r TMYEVQWK	37	3024
>KIT-P551T-v PMYEVQWK\	2625	>KIT-P551T-r TMYEVQWK\	42	2583
>KIT-P551T-v PMYEVQWK\	145	>KIT-P551T-r TMYEVQWK\	6	139
>KIT-P551T-v PMYEVQWK\	2777	>KIT-P551T-r TMYEVQWK\	174	2603
>KIT-P551T-v PMYEVQWK\	1327	>KIT-P551T-r TMYEVQWK\	429	898
>KIT-P551T-v KPMYEVQWf	3851	>KIT-P551T-r KTMYEVQWf	35	3816
>KIT-P551T-v KPMYEVQWf	6541	>KIT-P551T-r KTMYEVQWf	104	6437
>KIT-P551T-v KPMYEVQWf	12322	>KIT-P551T-r KTMYEVQWf	302	12020
>KIT-P551T-v KPMYEVQWf	13209	>KIT-P551T-r KTMYEVQWf	310	12899

>KIT-P551T-v KPMYEVQWf	2861	>KIT-P551T-r KTM YEVQWf	59	2802
>KIT-P551T-v KPMYEVQWf	8089	>KIT-P551T-r KTM YEVQWf	193	7896
>KIT-P551T-v KPMYEVQWf	4123	>KIT-P551T-r KTM YEVQWf	34	4089
>KIT-P551T-v KPMYEVQWf	5545	>KIT-P551T-r KTM YEVQWf	42	5503
>KIT-P551T-v KPMYEVQWf	5395	>KIT-P551T-r KTM YEVQWf	87	5308
>KIT-P551T-v KPMYEVQWf	9677	>KIT-P551T-r KTM YEVQWf	117	9560
>KIT-P551T-v KPMYEVQWf	15909	>KIT-P551T-r KTM YEVQWf	203	15706
>KIT-P551T-v KPMYEVQWf	11558	>KIT-P551T-r KTM YEVQWf	105	11453
>KIT-P551T-v KPMYEVQWf	8109	>KIT-P551T-r KTM YEVQWf	22	8087
>KIT-P551T-v KPMYEVQWf	12395	>KIT-P551T-r KTM YEVQWf	19	12376
>KIT-P551T-v KPMYEVQWf	16550	>KIT-P551T-r KTM YEVQWf	212	16338
>KIT-P551T-v KPMYEVQWf	14711	>KIT-P551T-r KTM YEVQWf	261	14450
>KIT-P551T-v KPMYEVQW	2056	>KIT-P551T-r KTM YEVQW	8	2048
>KIT-P551T-v KPMYEVQWf	9927	>KIT-P551T-r KTM YEVQWf	57	9870
>KIT-P551T-v KPMYEVQWf	17884	>KIT-P551T-r KTM YEVQWf	302	17582
>KIT-P551T-v KPMYEVQWf	11115	>KIT-P551T-r KTM YEVQWf	116	10999
>KIT-P551T-v KPMYEVQWf	11662	>KIT-P551T-r KTM YEVQWf	164	11498
>KIT-P551T-v KPMYEVQWf	2133	>KIT-P551T-r KTM YEVQWf	152	1981
>KIT-P551T-v KPMYEVQWf	157	>KIT-P551T-r KTM YEVQWf	22453	22296
>KIT-P551T-v KPMYEVQWf	136	>KIT-P551T-r KTM YEVQWf	19778	19642
>KIT-P551T-v KPMYEVQW	2672	>KIT-P551T-r KTM YEVQW	7	2665
>KIT-P551T-v KPMYEVQWf	23610	>KIT-P551T-r KTM YEVQWf	122	23488
>KIT-P551T-v KPMYEVQWf	22879	>KIT-P551T-r KTM YEVQWf	85	22794
>KIT-P551T-v KPMYEVQW	20	>KIT-P551T-r KTM YEVQW	3075	3055
>KIT-P551T-v KPMYEVQWf	68	>KIT-P551T-r KTM YEVQWf	15959	15891
>KIT-P551T-v KPMYEVQW	536	>KIT-P551T-r KTM YEVQW	31	505
>KIT-P551T-v KPMYEVQW	199	>KIT-P551T-r KTM YEVQW	8	191
>KIT-P551T-v KPMYEVQWf	18295	>KIT-P551T-r KTM YEVQWf	295	18000
>KIT-P551T-v KPMYEVQWf	15354	>KIT-P551T-r KTM YEVQWf	79	15275
>KIT-P551T-v KPMYEVQW	9	>KIT-P551T-r KTM YEVQW	597	588
>KIT-P551T-v KPMYEVQWf	5341	>KIT-P551T-r KTM YEVQWf	207	5134
>KIT-P551T-v QKPMYEVQV	2802	>KIT-P551T-r QKTM YEVQV	432	2370
>KIT-P551T-v LQKPMYEV	327	>KIT-P551T-r LQKTM YEV	432	105
>KIT-P551T-v LQKPMYEV	48	>KIT-P551T-r LQKTM YEV	57	9
>KIT-P551T-v LQKPMYEV	34	>KIT-P551T-r LQKTM YEV	66	32
>KIT-P551T-v LQKPMYEV	318	>KIT-P551T-r LQKTM YEV	1442	1124
>KIT-P551T-v LQKPMYEVQ	243	>KIT-P551T-r LQKTM YEVQ	355	112
>KIT-P551T-v LQKPMYEVQ	415	>KIT-P551T-r LQKTM YEVQ	622	207
>KIT-P551T-v LQKPMYEV	403	>KIT-P551T-r LQKTM YEV	798	395
>KIT-P551T-v LQKPMYEVQ	230	>KIT-P551T-r LQKTM YEVQ	580	350
>KIT-P551T-v LQKPMYEVQ	247	>KIT-P551T-r LQKTM YEVQ	546	299
>KIT-P551T-v LQKPMYEV	155	>KIT-P551T-r LQKTM YEV	105	50
>KIT-P551T-v LQKPMYEVQ	225	>KIT-P551T-r LQKTM YEVQ	161	64

>KIT-P551T-v LQKPMYEVQ	168	>KIT-P551T-r LQKTMYEVC	204	36
>KIT-P551T-v LQKPMYEVQ	230	>KIT-P551T-r LQKTMYEVC	502	272
>KIT-P551T-v YLQKPMYEV	7	>KIT-P551T-r YLQKTMYEVC	7	0
>KIT-P551T-v YLQKPMYEV	5	>KIT-P551T-r YLQKTMYEVC	3	2
>KIT-P551T-v YLQKPMYEV	7	>KIT-P551T-r YLQKTMYEVC	5	2
>KIT-P551T-v YLQKPMYEV	13	>KIT-P551T-r YLQKTMYEVC	10	3
>KIT-P551T-v YLQKPMYEV	1	>KIT-P551T-r YLQKTMYEVC	1	0
>KIT-P551T-v YLQKPMYEV	2	>KIT-P551T-r YLQKTMYEVC	2	0
>KIT-P551T-v YLQKPMYEV	6	>KIT-P551T-r YLQKTMYEVC	5	1
>KIT-P551T-v YLQKPMYEV	3	>KIT-P551T-r YLQKTMYEVC	3	0
>KIT-P551T-v YLQKPMYEV	2	>KIT-P551T-r YLQKTMYEVC	2	0
>KIT-P551T-v YLQKPMYEV	77	>KIT-P551T-r YLQKTMYEVC	80	3
>KIT-P551T-v YLQKPMYEV	93	>KIT-P551T-r YLQKTMYEVC	532	439
>KIT-P551T-v YLQKPMYEV	55	>KIT-P551T-r YLQKTMYEVC	113	58
>KIT-P551T-v YLQKPMYEV	124	>KIT-P551T-r YLQKTMYEVC	107	17
>KIT-P551T-v YLQKPMYEV	721	>KIT-P551T-r YLQKTMYEVC	290	431
>KIT-P551T-v KYLQKPMYEV	3003	>KIT-P551T-r KYLQKTMYEVC	476	2527
>KIT-P551T-v KYLQKPMYEV	100	>KIT-P551T-r KYLQKTMYEVC	159	59
>KIT-P551T-v KYLQKPMYEV	307	>KIT-P551T-r KYLQKTMYEVC	163	144
>KIT-P551T-v KYLQKPMY	159	>KIT-P551T-r KYLQKTMYEVC	118	41
>KIT-P551T-v KYLQKPMYEV	582	>KIT-P551T-r KYLQKTMYEVC	133	449
>KIT-P551T-v KYLQKPMYEV	28	>KIT-P551T-r KYLQKTMYEVC	13	15
>KIT-P551T-v KYLQKPMYEV	360	>KIT-P551T-r KYLQKTMYEVC	224	136
>KIT-P551T-v KYLQKPMY	89	>KIT-P551T-r KYLQKTMYEVC	151	62
>KIT-P551T-v KYLQKPMYEV	471	>KIT-P551T-r KYLQKTMYEVC	224	247
>KIT-P551T-v KYLQKPMY	93	>KIT-P551T-r KYLQKTMYEVC	208	115
>KIT-P551T-v KYLQKPMY	160	>KIT-P551T-r KYLQKTMYEVC	98	62
>KIT-P551T-v KYLQKPMYEV	82	>KIT-P551T-r KYLQKTMYEVC	39	43
>KIT-P551T-v KYLQKPMYEV	121	>KIT-P551T-r KYLQKTMYEVC	83	38
>KIT-P551T-v KYLQKPMYEV	331	>KIT-P551T-r KYLQKTMYEVC	642	311
>KIT-P551T-v KYLQKPMYEV	56	>KIT-P551T-r KYLQKTMYEVC	87	31
>KIT-P551T-v KYLQKPMYEV	391	>KIT-P551T-r KYLQKTMYEVC	602	211
>KIT-P551T-v YKYLQKPMYEV	499	>KIT-P551T-r YKYLQKTMYEVC	200	299
>KIT-P551T-v YKYLQKPMYEV	447	>KIT-P551T-r YKYLQKTMYEVC	420	27
>KIT-P551T-v YKYLQKPMYEV	121	>KIT-P551T-r YKYLQKTMYEVC	191	70
>KIT-P551T-v YKYLQKPMYEV	356	>KIT-P551T-r YKYLQKTMYEVC	529	173
>KIT-P551T-v YKYLQKPMYEV	365	>KIT-P551T-r YKYLQKTMYEVC	407	42
>KIT-P551T-v YKYLQKPMY	153	>KIT-P551T-r YKYLQKTMYEVC	475	322
>KIT-P551T-v YKYLQKPM	8	>KIT-P551T-r YKYLQKTMYEVC	9	1
>KIT-P551T-v YKYLQKPMY	9	>KIT-P551T-r YKYLQKTMYEVC	6	3
>KIT-P551T-v YKYLQKPMYEV	39	>KIT-P551T-r YKYLQKTMYEVC	27	12
>KIT-P551T-v YKYLQKPMY	1728	>KIT-P551T-r YKYLQKTMYEVC	302	1426
>KIT-P551T-v TYKYLQKPM	498	>KIT-P551T-r TYKYLQKTMYEVC	130	368

>KIT-P551T-v TYKYLQKPM\	100	>KIT-P551T-r TYKYLQKTM\	78	22
>KIT-P551T-v TYKYLQKPM\	348	>KIT-P551T-r TYKYLQKTM\	279	69
>KIT-P551T-v LTYKYLQKPM	422	>KIT-P551T-r LTYKYLQKTM	329	93
>KIT-P551T-v LTYKYLQKPM	117	>KIT-P551T-r LTYKYLQKTM	225	108
>KIT-P551T-v LTYKYLQKPM	73	>KIT-P551T-r LTYKYLQKTM	202	129
>KIT-P551T-v LTYKYLQKPM	29	>KIT-P551T-r LTYKYLQKTM	45	16
>KIT-P551T-v LTYKYLQKPM	74	>KIT-P551T-r LTYKYLQKTM	258	184
>KIT-P551T-v LTYKYLQKPM	612	>KIT-P551T-r LTYKYLQKTM	417	195
>KIT-P551T-v LTYKYLQKPM	607	>KIT-P551T-r LTYKYLQKTM	494	113
>KIT-P551T-v LTYKYLQKPM	198	>KIT-P551T-r LTYKYLQKTM	497	299
>KIT-P551T-v LTYKYLQKPM	149	>KIT-P551T-r LTYKYLQKTM	136	13
>KIT-P551T-v LTYKYLQKPM	59	>KIT-P551T-r LTYKYLQKTM	98	39
>KIT-P551T-v LTYKYLQKPM	95	>KIT-P551T-r LTYKYLQKTM	60	35
>KIT-P551T-v LTYKYLQKPM	6	>KIT-P551T-r LTYKYLQKTM	5	1
>KIT-P551T-v LTYKYLQKPM	4	>KIT-P551T-r LTYKYLQKTM	4	0
>KIT-P551T-v LTYKYLQKPM	744	>KIT-P551T-r LTYKYLQKTM	355	389
>KIT-P551T-v LTYKYLQKPM	626	>KIT-P551T-r LTYKYLQKTM	497	129
>KIT-P551T-v LTYKYLQKPM	867	>KIT-P551T-r LTYKYLQKTM	258	609
>KIT-P551T-v LTYKYLQKPM	488	>KIT-P551T-r LTYKYLQKTM	358	130
>KIT-P551T-v LTYKYLQKPM	37	>KIT-P551T-r LTYKYLQKTM	25	12
>KIT-P551T-v LTYKYLQKPM	6	>KIT-P551T-r LTYKYLQKTM	3	3
>KIT-P551T-v ILTYKYLQKP	14217	>KIT-P551T-r ILTYKYLQKT	345	13872
>KIT-P577K-v PYDHKWEF	147	>KIT-P577K-r KYDHKWEF	52	95
>KIT-P577K-v PYDHKWEF	444	>KIT-P577K-r KYDHKWEF	106	338
>KIT-P577K-v PYDHKWEF	61	>KIT-P577K-r KYDHKWEF	10	51
>KIT-P577K-v PYDHKWEFPI	1152	>KIT-P577K-r KYDHKWEFPI	52	1100
>KIT-P577K-v PYDHKWEFPI	67	>KIT-P577K-r KYDHKWEFPI	12	55
>KIT-P577K-v LPYDHKWEFI	169	>KIT-P577K-r LKYDHKWEFI	288	119
>KIT-P577K-v LPYDHKWEFI	170	>KIT-P577K-r LKYDHKWEFI	592	422
>KIT-P577K-v LPYDHKWEFI	359	>KIT-P577K-r LKYDHKWEFI	680	321
>KIT-P577K-v LPYDHKWEF	175	>KIT-P577K-r LKYDHKWEF	24147	23972
>KIT-P577K-v LPYDHKWEF	272	>KIT-P577K-r LKYDHKWEF	5	267
>KIT-P577K-v LPYDHKWEFI	8964	>KIT-P577K-r LKYDHKWEFI	216	8748
>KIT-P577K-v LPYDHKWEF	162	>KIT-P577K-r LKYDHKWEF	555	393
>KIT-P577K-v LPYDHKWEF	11	>KIT-P577K-r LKYDHKWEF	3996	3985
>KIT-P577K-v LPYDHKWEFI	212	>KIT-P577K-r LKYDHKWEFI	19689	19477
>KIT-P577K-v LPYDHKWEF	471	>KIT-P577K-r LKYDHKWEF	22467	21996
>KIT-P577K-v LPYDHKWEF	18	>KIT-P577K-r LKYDHKWEF	7925	7907
>KIT-P577K-v LPYDHKWEFI	124	>KIT-P577K-r LKYDHKWEFI	22727	22603
>KIT-P577K-v LPYDHKWEF	67	>KIT-P577K-r LKYDHKWEF	9321	9254
>KIT-P577K-v LPYDHKWEF	11	>KIT-P577K-r LKYDHKWEF	3707	3696
>KIT-P577K-v LPYDHKWEFI	96	>KIT-P577K-r LKYDHKWEFI	112	16
>KIT-P577K-v NYVYIDPTQL	25854	>KIT-P577K-r NYVYIDPTQL	118	25736

>KIT-P577K-v QLPYDHKWE	446	>KIT-P577K-r QLKYDHKWE	4414	3968
>KIT-P577K-v QLPYDHKWE	979	>KIT-P577K-r QLKYDHKWE	99	880
>KIT-P577K-v TQLPYDHKW	34	>KIT-P577K-r TQLKYDHKW	99	65
>KIT-P577K-v TQLPYDHK	118	>KIT-P577K-r TQLKYDHK	193	75
>KIT-P577K-v TQLPYDHKW	67	>KIT-P577K-r TQLKYDHKW	91	24
>KIT-P577K-v TQLPYDHKW	176	>KIT-P577K-r TQLKYDHKW	328	152
>KIT-P577K-v TQLPYDHKW	23	>KIT-P577K-r TQLKYDHKW	21	2
>KIT-P577K-v TQLPYDHKW	306	>KIT-P577K-r TQLKYDHKW	2321	2015
>KIT-P577K-v TQLPYDHKW	199	>KIT-P577K-r TQLKYDHKW	181	18
>KIT-P577K-v TQLPYDHKW	186	>KIT-P577K-r TQLKYDHKW	624	438
>KIT-P577K-v TQLPYDHKW	129	>KIT-P577K-r TQLKYDHKW	545	416
>KIT-P577K-v TQLPYDHKW	123	>KIT-P577K-r TQLKYDHKW	136	13
>KIT-P577K-v PTQLPYDHKV	396	>KIT-P577K-r PTQLKYDHKV	858	462
>KIT-P577K-v DPTQLPYDH	289	>KIT-P577K-r DPTQLKYDH	786	497
>KIT-P577K-v DPTQLPYDH	46	>KIT-P577K-r DPTQLKYDH	48	2
>KIT-P577K-v DPTQLPYDH	24	>KIT-P577K-r DPTQLKYDH	21	3
>KIT-P577K-v YIDPTQLPY	10	>KIT-P577K-r YIDPTQLKY	16	6
>KIT-P577K-v YIDPTQLP	27059	>KIT-P577K-r YIDPTQLK	155	26904
>KIT-P577K-v YIDPTQLPY	1048	>KIT-P577K-r YIDPTQLKY	268	780
>KIT-P577K-v YIDPTQLPY	21	>KIT-P577K-r YIDPTQLKY	32	11
>KIT-P577K-v YIDPTQLP	34638	>KIT-P577K-r YIDPTQLK	476	34162
>KIT-P577K-v YIDPTQLPY	11	>KIT-P577K-r YIDPTQLKY	15	4
>KIT-P577K-v YIDPTQLPY	137	>KIT-P577K-r YIDPTQLKY	3694	3557
>KIT-P577K-v YIDPTQLPY	240	>KIT-P577K-r YIDPTQLKY	844	604
>KIT-P577K-v YIDPTQLPY	42	>KIT-P577K-r YIDPTQLKY	45	3
>KIT-P577K-v YIDPTQLPY	61	>KIT-P577K-r YIDPTQLKY	851	790
>KIT-P577K-v YIDPTQLPY	750	>KIT-P577K-r YIDPTQLKY	345	405
>KIT-P577K-v YIDPTQLPY	116	>KIT-P577K-r YIDPTQLKY	621	505
>KIT-P577K-v YIDPTQLPY	56	>KIT-P577K-r YIDPTQLKY	25	31
>KIT-P577K-v VYIDPTQLPY	495	>KIT-P577K-r VYIDPTQLKY	326	169
>KIT-P577K-v VYIDPTQLP	27976	>KIT-P577K-r VYIDPTQLK	409	27567
>KIT-P577K-v VYIDPTQLPY	319	>KIT-P577K-r VYIDPTQLKY	834	515
>KIT-P577K-v VYIDPTQLPY	33	>KIT-P577K-r VYIDPTQLKY	31	2
>KIT-P577K-v VYIDPTQLPY	64	>KIT-P577K-r VYIDPTQLKY	38	26
>KIT-P577K-v VYIDPTQLPY	32	>KIT-P577K-r VYIDPTQLKY	45	13
>KIT-P577K-v YVYIDPTQLP	23316	>KIT-P577K-r YVYIDPTQLK	77	23239
>KIT-P577K-v YVYIDPTQLP	492	>KIT-P577K-r YVYIDPTQLK	451	41
>KIT-P577K-v YVYIDPTQLP	31723	>KIT-P577K-r YVYIDPTQLK	36	31687
>KIT-P577K-v YVYIDPTQLP	330	>KIT-P577K-r YVYIDPTQLK	803	473
>KIT-P577K-v YVYIDPTQLP	387	>KIT-P577K-r YVYIDPTQLK	134	253
>KIT-P577K-v YVYIDPTQLP	91	>KIT-P577K-r YVYIDPTQLK	284	193
>KIT-P577K-v YVYIDPTQLP	6	>KIT-P577K-r YVYIDPTQLK	6	0
>KIT-P577K-v YVYIDPTQLP	517	>KIT-P577K-r YVYIDPTQLK	328	189

>KIT-P577K-v YVYIDPTQLP	19543	>KIT-P577K-r YVYIDPTQLK	10	19533
>KIT-P577K-v YVYIDPTQLP)	451	>KIT-P577K-r YVYIDPTQLK)	476	25
>KIT-P577K-v YVYIDPTQLP)	16	>KIT-P577K-r YVYIDPTQLK)	19	3
>KIT-P577K-v YVYIDPTQLP)	63	>KIT-P577K-r YVYIDPTQLK)	357	294
>KIT-P577K-v YVYIDPTQLP)	73	>KIT-P577K-r YVYIDPTQLK)	137	64
>KIT-P577K-v YVYIDPTQLP)	53	>KIT-P577K-r YVYIDPTQLK)	227	174
>KIT-P577K-v YVYIDPTQLP)	7	>KIT-P577K-r YVYIDPTQLK)	7	0
>KIT-P577K-v YVYIDPTQLP)	17	>KIT-P577K-r YVYIDPTQLK)	58	41
>KIT-P577K-v YVYIDPTQLP)	301	>KIT-P577K-r YVYIDPTQLK)	92	209
>KIT-P577K-v YVYIDPTQLP)	949	>KIT-P577K-r YVYIDPTQLK)	385	564
>KIT-P577L-v PYDHKWEF	147	>KIT-P577L-n LYDHKWEF	92	55
>KIT-P577L-v PYDHKWEF	444	>KIT-P577L-n LYDHKWEF	171	273
>KIT-P577L-v PYDHKWEF	61	>KIT-P577L-n LYDHKWEF	10	51
>KIT-P577L-v PYDHKWEFP)	1152	>KIT-P577L-n LYDHKWEFP)	159	993
>KIT-P577L-v PYDHKWEFP)	1990	>KIT-P577L-n LYDHKWEFP)	213	1777
>KIT-P577L-v PYDHKWEFP)	67	>KIT-P577L-n LYDHKWEFP)	53	14
>KIT-P577L-v LPYDHKWEF	23703	>KIT-P577L-n LLYDHKWEF	317	23386
>KIT-P577L-v LPYDHKWEF	28841	>KIT-P577L-n LLYDHKWEF	76	28765
>KIT-P577L-v LPYDHKWEF	15074	>KIT-P577L-n LLYDHKWEF	25	15049
>KIT-P577L-v LPYDHKWEF	15176	>KIT-P577L-n LLYDHKWEF	6	15170
>KIT-P577L-v LPYDHKWEFF)	25512	>KIT-P577L-n LLYDHKWEFF)	120	25392
>KIT-P577L-v LPYDHKWEFF)	25425	>KIT-P577L-n LLYDHKWEFF)	136	25289
>KIT-P577L-v LPYDHKWEF	22275	>KIT-P577L-n LLYDHKWEF	247	22028
>KIT-P577L-v LPYDHKWE	36915	>KIT-P577L-n LLYDHKWE	221	36694
>KIT-P577L-v LPYDHKWEF	31572	>KIT-P577L-n LLYDHKWEF	6	31566
>KIT-P577L-v LPYDHKWEFF)	36833	>KIT-P577L-n LLYDHKWEFF)	256	36577
>KIT-P577L-v LPYDHKWEFF)	35169	>KIT-P577L-n LLYDHKWEFF)	42	35127
>KIT-P577L-v LPYDHKWEFF)	18077	>KIT-P577L-n LLYDHKWEFF)	187	17890
>KIT-P577L-v LPYDHKWEFF)	12846	>KIT-P577L-n LLYDHKWEFF)	310	12536
>KIT-P577L-v LPYDHKWEF	945	>KIT-P577L-n LLYDHKWEF	132	813
>KIT-P577L-v LPYDHKWEF	4075	>KIT-P577L-n LLYDHKWEF	384	3691
>KIT-P577L-v LPYDHKWEF	4195	>KIT-P577L-n LLYDHKWEF	215	3980
>KIT-P577L-v LPYDHKWEFF)	169	>KIT-P577L-n LLYDHKWEFF)	9	160
>KIT-P577L-v LPYDHKWEFF)	170	>KIT-P577L-n LLYDHKWEFF)	34	136
>KIT-P577L-v LPYDHKWEFF)	359	>KIT-P577L-n LLYDHKWEFF)	58	301
>KIT-P577L-v LPYDHKWEF	175	>KIT-P577L-n LLYDHKWEF	20941	20766
>KIT-P577L-v LPYDHKWEF	11035	>KIT-P577L-n LLYDHKWEF	88	10947
>KIT-P577L-v LPYDHKWEF	272	>KIT-P577L-n LLYDHKWEF	41	231
>KIT-P577L-v LPYDHKWEF	6819	>KIT-P577L-n LLYDHKWEF	307	6512
>KIT-P577L-v LPYDHKWEF	162	>KIT-P577L-n LLYDHKWEF	4544	4382
>KIT-P577L-v LPYDHKWEF	11	>KIT-P577L-n LLYDHKWEF	651	640
>KIT-P577L-v LPYDHKWEFF)	212	>KIT-P577L-n LLYDHKWEFF)	12887	12675
>KIT-P577L-v LPYDHKWEF	471	>KIT-P577L-n LLYDHKWEF	24468	23997



>KIT-P577L-v LPYDHKWEF	18	>KIT-P577L-n LLYDHKWEF	12483	12465
>KIT-P577L-v LPYDHKWEFF	124	>KIT-P577L-n LLYDHKWEFF	23919	23795
>KIT-P577L-v LPYDHKWEF	67	>KIT-P577L-n LLYDHKWEF	4910	4843
>KIT-P577L-v LPYDHKWEF	11	>KIT-P577L-n LLYDHKWEF	7728	7717
>KIT-P577L-v LPYDHKWEFF	96	>KIT-P577L-n LLYDHKWEFF	51	45
>KIT-P577L-v NYVYIDPTQL	11888	>KIT-P577L-n NYVYIDPTQL	103	11785
>KIT-P577L-v NYVYIDPTQL	11425	>KIT-P577L-n NYVYIDPTQL	75	11350
>KIT-P577L-v QLPYDHKWE	446	>KIT-P577L-n QLLYDHKWE	642	196
>KIT-P577L-v QLPYDHKWE	1326	>KIT-P577L-n QLLYDHKWE	370	956
>KIT-P577L-v QLPYDHKWE	979	>KIT-P577L-n QLLYDHKWE	74	905
>KIT-P577L-v TQLPYDHKW	34	>KIT-P577L-n TQLLYDHKW	134	100
>KIT-P577L-v TQLPYDHK	118	>KIT-P577L-n TQLLYDHK	134	16
>KIT-P577L-v TQLPYDHKW	67	>KIT-P577L-n TQLLYDHKW	209	142
>KIT-P577L-v TQLPYDHKW	176	>KIT-P577L-n TQLLYDHKW	762	586
>KIT-P577L-v TQLPYDHKW	23	>KIT-P577L-n TQLLYDHKW	50	27
>KIT-P577L-v TQLPYDHKW	306	>KIT-P577L-n TQLLYDHKW	2118	1812
>KIT-P577L-v TQLPYDHKW	199	>KIT-P577L-n TQLLYDHKW	176	23
>KIT-P577L-v TQLPYDHKW	186	>KIT-P577L-n TQLLYDHKW	1640	1454
>KIT-P577L-v TQLPYDHKW	129	>KIT-P577L-n TQLLYDHKW	874	745
>KIT-P577L-v TQLPYDHKW	123	>KIT-P577L-n TQLLYDHKW	250	127
>KIT-P577L-v PTQLPYDHKV	396	>KIT-P577L-n PTQLLYDHKV	1119	723
>KIT-P577L-v DPTQLPYDH	289	>KIT-P577L-n DPTQLLYDH	422	133
>KIT-P577L-v DPTQLPYDH	46	>KIT-P577L-n DPTQLLYDH	48	2
>KIT-P577L-v DPTQLPYDH	24	>KIT-P577L-n DPTQLLYDH	12	12
>KIT-P577L-v IDPTQLPY	1811	>KIT-P577L-n IDPTQLLY	364	1447
>KIT-P577L-v YIDPTQLPY	10	>KIT-P577L-n YIDPTQLLY	8	2
>KIT-P577L-v YIDPTQLP	20813	>KIT-P577L-n YIDPTQLL	74	20739
>KIT-P577L-v YIDPTQLP	12922	>KIT-P577L-n YIDPTQLL	57	12865
>KIT-P577L-v YIDPTQLP	9067	>KIT-P577L-n YIDPTQLL	27	9040
>KIT-P577L-v YIDPTQLP	7750	>KIT-P577L-n YIDPTQLL	20	7730
>KIT-P577L-v YIDPTQLP	20594	>KIT-P577L-n YIDPTQLL	102	20492
>KIT-P577L-v YIDPTQLP	12234	>KIT-P577L-n YIDPTQLL	32	12202
>KIT-P577L-v YIDPTQLP	22619	>KIT-P577L-n YIDPTQLL	86	22533
>KIT-P577L-v YIDPTQLP	11399	>KIT-P577L-n YIDPTQLL	7	11392
>KIT-P577L-v YIDPTQLPY	21	>KIT-P577L-n YIDPTQLLY	11	10
>KIT-P577L-v YIDPTQLP	16969	>KIT-P577L-n YIDPTQLL	302	16667
>KIT-P577L-v YIDPTQLPY	11	>KIT-P577L-n YIDPTQLLY	5	6
>KIT-P577L-v YIDPTQLPY	137	>KIT-P577L-n YIDPTQLLY	1950	1813
>KIT-P577L-v YIDPTQLPY	240	>KIT-P577L-n YIDPTQLLY	1165	925
>KIT-P577L-v YIDPTQLPY	42	>KIT-P577L-n YIDPTQLLY	128	86
>KIT-P577L-v YIDPTQLPY	61	>KIT-P577L-n YIDPTQLLY	922	861
>KIT-P577L-v YIDPTQLPY	750	>KIT-P577L-n YIDPTQLLY	139	611
>KIT-P577L-v YIDPTQLPY	3078	>KIT-P577L-n YIDPTQLLY	261	2817

>KIT-P577L-v YIDPTQLPY	116	>KIT-P577L-n YIDPTQLLY	1460	1344
>KIT-P577L-v YIDPTQLPY	56	>KIT-P577L-n YIDPTQLLY	25	31
>KIT-P577L-v VYIDPTQLP	10773	>KIT-P577L-n VYIDPTQLL	484	10289
>KIT-P577L-v VYIDPTQLPY	495	>KIT-P577L-n VYIDPTQLLY	213	282
>KIT-P577L-v VYIDPTQLP	12091	>KIT-P577L-n VYIDPTQLL	110	11981
>KIT-P577L-v VYIDPTQLPY	2323	>KIT-P577L-n VYIDPTQLLY	397	1926
>KIT-P577L-v VYIDPTQLP	8283	>KIT-P577L-n VYIDPTQLL	274	8009
>KIT-P577L-v VYIDPTQLP	8028	>KIT-P577L-n VYIDPTQLL	27	8001
>KIT-P577L-v VYIDPTQLPY	319	>KIT-P577L-n VYIDPTQLLY	1572	1253
>KIT-P577L-v VYIDPTQLPY	33	>KIT-P577L-n VYIDPTQLLY	24	9
>KIT-P577L-v VYIDPTQLPY	64	>KIT-P577L-n VYIDPTQLLY	22	42
>KIT-P577L-v VYIDPTQLPY	32	>KIT-P577L-n VYIDPTQLLY	11	21
>KIT-P577L-v YVYIDPTQLP	1068	>KIT-P577L-n YVYIDPTQLLY	490	578
>KIT-P577L-v YVYIDPTQLP	12533	>KIT-P577L-n YVYIDPTQLL	229	12304
>KIT-P577L-v YVYIDPTQLP	5620	>KIT-P577L-n YVYIDPTQLL	30	5590
>KIT-P577L-v YVYIDPTQLP	7422	>KIT-P577L-n YVYIDPTQLL	67	7355
>KIT-P577L-v YVYIDPTQLP	9819	>KIT-P577L-n YVYIDPTQLL	124	9695
>KIT-P577L-v YVYIDPTQLP	5722	>KIT-P577L-n YVYIDPTQLL	17	5705
>KIT-P577L-v YVYIDPTQLP	21754	>KIT-P577L-n YVYIDPTQLL	362	21392
>KIT-P577L-v YVYIDPTQLP	15053	>KIT-P577L-n YVYIDPTQLL	58	14995
>KIT-P577L-v YVYIDPTQLP	13890	>KIT-P577L-n YVYIDPTQLL	12	13878
>KIT-P577L-v YVYIDPTQLP	492	>KIT-P577L-n YVYIDPTQLLY	273	219
>KIT-P577L-v YVYIDPTQLP	330	>KIT-P577L-n YVYIDPTQLLY	337	7
>KIT-P577L-v YVYIDPTQLP	387	>KIT-P577L-n YVYIDPTQLLY	974	587
>KIT-P577L-v YVYIDPTQLP	91	>KIT-P577L-n YVYIDPTQLLY	469	378
>KIT-P577L-v YVYIDPTQLP	6	>KIT-P577L-n YVYIDPTQLLY	5	1
>KIT-P577L-v YVYIDPTQLP	517	>KIT-P577L-n YVYIDPTQLLY	302	215
>KIT-P577L-v YVYIDPTQLP	451	>KIT-P577L-n YVYIDPTQLLY	194	257
>KIT-P577L-v YVYIDPTQLP	22625	>KIT-P577L-n YVYIDPTQLL	119	22506
>KIT-P577L-v YVYIDPTQLP	9906	>KIT-P577L-n YVYIDPTQLL	83	9823
>KIT-P577L-v YVYIDPTQLP	16	>KIT-P577L-n YVYIDPTQLLY	9	7
>KIT-P577L-v YVYIDPTQLP	63	>KIT-P577L-n YVYIDPTQLLY	227	164
>KIT-P577L-v YVYIDPTQLP	73	>KIT-P577L-n YVYIDPTQLLY	176	103
>KIT-P577L-v YVYIDPTQLP	53	>KIT-P577L-n YVYIDPTQLLY	241	188
>KIT-P577L-v YVYIDPTQLP	18560	>KIT-P577L-n YVYIDPTQLL	91	18469
>KIT-P577L-v YVYIDPTQLP	7	>KIT-P577L-n YVYIDPTQLLY	10	3
>KIT-P577L-v YVYIDPTQLP	17	>KIT-P577L-n YVYIDPTQLLY	62	45
>KIT-P577L-v YVYIDPTQLP	1053	>KIT-P577L-n YVYIDPTQLLY	401	652
>KIT-P577L-v YVYIDPTQLP	301	>KIT-P577L-n YVYIDPTQLLY	38	263
>KIT-P577L-v YVYIDPTQLP	949	>KIT-P577L-n YVYIDPTQLLY	251	698
>KIT-P577S-v PYDHKWEF	147	>KIT-P577S-n SYDHKWEF	168	21
>KIT-P577S-v PYDHKWEF	444	>KIT-P577S-n SYDHKWEF	218	226
>KIT-P577S-v PYDHKWEF	61	>KIT-P577S-n SYDHKWEF	10	51

>KIT-P577S-v PYDHKWEFPI	1152	>KIT-P577S-n SYDHKWEFPI	140	1012
>KIT-P577S-v PYDHKWEFPI	1990	>KIT-P577S-n SYDHKWEFPI	256	1734
>KIT-P577S-v PYDHKWEFPI	67	>KIT-P577S-n SYDHKWEFPI	30	37
>KIT-P577S-v LPYDHKWEFI	12846	>KIT-P577S-n LSYDHKWEFF	67	12779
>KIT-P577S-v LPYDHKWEF	945	>KIT-P577S-n LSYDHKWEF	225	720
>KIT-P577S-v LPYDHKWEFI	169	>KIT-P577S-n LSYDHKWEFF	7	162
>KIT-P577S-v LPYDHKWEFI	170	>KIT-P577S-n LSYDHKWEFF	41	129
>KIT-P577S-v LPYDHKWEFI	359	>KIT-P577S-n LSYDHKWEFF	16	343
>KIT-P577S-v LPYDHKWEF	175	>KIT-P577S-n LSYDHKWEF	22109	21934
>KIT-P577S-v LPYDHKWEF	11035	>KIT-P577S-n LSYDHKWEF	195	10840
>KIT-P577S-v LPYDHKWEF	272	>KIT-P577S-n LSYDHKWEF	31	241
>KIT-P577S-v LPYDHKWEF	6819	>KIT-P577S-n LSYDHKWEF	4	6815
>KIT-P577S-v LPYDHKWEF	162	>KIT-P577S-n LSYDHKWEF	932	770
>KIT-P577S-v LPYDHKWEF	11	>KIT-P577S-n LSYDHKWEF	319	308
>KIT-P577S-v LPYDHKWEFI	212	>KIT-P577S-n LSYDHKWEFF	10605	10393
>KIT-P577S-v LPYDHKWEF	471	>KIT-P577S-n LSYDHKWEF	20540	20069
>KIT-P577S-v LPYDHKWEF	18	>KIT-P577S-n LSYDHKWEF	3547	3529
>KIT-P577S-v LPYDHKWEFI	124	>KIT-P577S-n LSYDHKWEFF	18994	18870
>KIT-P577S-v LPYDHKWEF	18594	>KIT-P577S-n LSYDHKWEF	264	18330
>KIT-P577S-v LPYDHKWEF	14125	>KIT-P577S-n LSYDHKWEF	35	14090
>KIT-P577S-v LPYDHKWEF	67	>KIT-P577S-n LSYDHKWEF	8366	8299
>KIT-P577S-v LPYDHKWEF	11	>KIT-P577S-n LSYDHKWEF	3435	3424
>KIT-P577S-v LPYDHKWEFI	4333	>KIT-P577S-n LSYDHKWEFF	243	4090
>KIT-P577S-v LPYDHKWEFI	96	>KIT-P577S-n LSYDHKWEFF	123	27
>KIT-P577S-v QLPYDHKWE	446	>KIT-P577S-n QLSYDHKWE	2410	1964
>KIT-P577S-v QLPYDHKWE	979	>KIT-P577S-n QLSYDHKWE	152	827
>KIT-P577S-v QLPYDHKWE	1971	>KIT-P577S-n QLSYDHKWE	395	1576
>KIT-P577S-v TQLPYDHKW	34	>KIT-P577S-n TQLSYDHKW	70	36
>KIT-P577S-v TQLPYDHK	118	>KIT-P577S-n TQLSYDHK	99	19
>KIT-P577S-v TQLPYDHKW	67	>KIT-P577S-n TQLSYDHKW	59	8
>KIT-P577S-v TQLPYDHKW	176	>KIT-P577S-n TQLSYDHKW	397	221
>KIT-P577S-v TQLPYDHKW	23	>KIT-P577S-n TQLSYDHKW	12	11
>KIT-P577S-v TQLPYDHKW	306	>KIT-P577S-n TQLSYDHKW	1604	1298
>KIT-P577S-v TQLPYDHKW	199	>KIT-P577S-n TQLSYDHKW	245	46
>KIT-P577S-v TQLPYDHKW	186	>KIT-P577S-n TQLSYDHKW	987	801
>KIT-P577S-v TQLPYDHKW	129	>KIT-P577S-n TQLSYDHKW	327	198
>KIT-P577S-v TQLPYDHKW	123	>KIT-P577S-n TQLSYDHKW	84	39
>KIT-P577S-v PTQLPYDHKV	396	>KIT-P577S-n PTQLSYDHKV	343	53
>KIT-P577S-v DPTQLPYDH	289	>KIT-P577S-n DPTQLSYDH	123	166
>KIT-P577S-v DPTQLPYDH	46	>KIT-P577S-n DPTQLSYDH	45	1
>KIT-P577S-v DPTQLPYDH	24	>KIT-P577S-n DPTQLSYDH	11	13
>KIT-P577S-v YIDPTQLPY	10	>KIT-P577S-n YIDPTQLSY	14	4
>KIT-P577S-v YIDPTQLPY	1048	>KIT-P577S-n YIDPTQLSY	96	952

>KIT-P577S-v YIDPTQLPY	21	>KIT-P577S-n YIDPTQLSY	29	8
>KIT-P577S-v YIDPTQLPY	1117	>KIT-P577S-n YIDPTQLSY	420	697
>KIT-P577S-v YIDPTQLPY	11	>KIT-P577S-n YIDPTQLSY	13	2
>KIT-P577S-v YIDPTQLPY	137	>KIT-P577S-n YIDPTQLSY	214	77
>KIT-P577S-v YIDPTQLPY	240	>KIT-P577S-n YIDPTQLSY	415	175
>KIT-P577S-v YIDPTQLPY	42	>KIT-P577S-n YIDPTQLSY	37	5
>KIT-P577S-v YIDPTQLPY	61	>KIT-P577S-n YIDPTQLSY	226	165
>KIT-P577S-v YIDPTQLPY	750	>KIT-P577S-n YIDPTQLSY	181	569
>KIT-P577S-v YIDPTQLPY	116	>KIT-P577S-n YIDPTQLSY	150	34
>KIT-P577S-v YIDPTQLPY	56	>KIT-P577S-n YIDPTQLSY	30	26
>KIT-P577S-v VYIDPTQLPY	495	>KIT-P577S-n VYIDPTQLSY	551	56
>KIT-P577S-v VYIDPTQLPY	319	>KIT-P577S-n VYIDPTQLSY	520	201
>KIT-P577S-v VYIDPTQLPY	33	>KIT-P577S-n VYIDPTQLSY	46	13
>KIT-P577S-v VYIDPTQLPY	64	>KIT-P577S-n VYIDPTQLSY	48	16
>KIT-P577S-v VYIDPTQLPY	32	>KIT-P577S-n VYIDPTQLSY	34	2
>KIT-P577S-v VYVYIDPTQLPY	492	>KIT-P577S-n VYVYIDPTQLSY	456	36
>KIT-P577S-v VYVYIDPTQLPY	330	>KIT-P577S-n VYVYIDPTQLSY	638	308
>KIT-P577S-v VYVYIDPTQLPY	387	>KIT-P577S-n VYVYIDPTQLSY	65	322
>KIT-P577S-v VYVYIDPTQLPY	91	>KIT-P577S-n VYVYIDPTQLSY	159	68
>KIT-P577S-v VYVYIDPTQLPY	6	>KIT-P577S-n VYVYIDPTQLSY	6	0
>KIT-P577S-v VYVYIDPTQLPY	517	>KIT-P577S-n VYVYIDPTQLSY	191	326
>KIT-P577S-v VYVYIDPTQLPY	451	>KIT-P577S-n VYVYIDPTQLSY	437	14
>KIT-P577S-v VYVYIDPTQLPY	16	>KIT-P577S-n VYVYIDPTQLSY	17	1
>KIT-P577S-v VYVYIDPTQLPY	63	>KIT-P577S-n VYVYIDPTQLSY	66	3
>KIT-P577S-v VYVYIDPTQLPY	73	>KIT-P577S-n VYVYIDPTQLSY	90	17
>KIT-P577S-v VYVYIDPTQLPY	53	>KIT-P577S-n VYVYIDPTQLSY	62	9
>KIT-P577S-v VYVYIDPTQLPY	7	>KIT-P577S-n VYVYIDPTQLSY	6	1
>KIT-P577S-v VYVYIDPTQLPY	17	>KIT-P577S-n VYVYIDPTQLSY	31	14
>KIT-P577S-v VYVYIDPTQLPY	1053	>KIT-P577S-n VYVYIDPTQLSY	467	586
>KIT-P577S-v VYVYIDPTQLPY	301	>KIT-P577S-n VYVYIDPTQLSY	81	220
>KIT-P627L-v PSAHLTEREA	5354	>KIT-P627L-n LSAHLTEREA	240	5114
>KIT-P627L-v PSAHLTER	2530	>KIT-P627L-n LSAHLTER	68	2462
>KIT-P627L-v PSAHLTER	838	>KIT-P627L-n LSAHLTER	28	810
>KIT-P627L-v PSAHLTEREA	4459	>KIT-P627L-n LSAHLTEREA	201	4258
>KIT-P627L-v PSAHLTEREA	5702	>KIT-P627L-n LSAHLTEREA	468	5234
>KIT-P627L-v PSAHLTEREA	12401	>KIT-P627L-n LSAHLTEREA	221	12180
>KIT-P627L-v PSAHLTER	2502	>KIT-P627L-n LSAHLTER	477	2025
>KIT-P627L-v PSAHLTEREA	7622	>KIT-P627L-n LSAHLTEREA	294	7328
>KIT-P627L-v KPSAHLTEREA	23117	>KIT-P627L-n KLSAHLTEREA	317	22800
>KIT-P627L-v KPSAHLTER	31831	>KIT-P627L-n KLSAHLTER	311	31520
>KIT-P627L-v KPSAHLTEREA	20859	>KIT-P627L-n KLSAHLTEREA	56	20803
>KIT-P627L-v KPSAHLTEREA	14368	>KIT-P627L-n KLSAHLTEREA	41	14327
>KIT-P627L-v KPSAHLTEREA	27868	>KIT-P627L-n KLSAHLTEREA	189	27679

>KIT-P627L-v KPSAHLTERE,	35541	>KIT-P627L-n KLSAHLTERE/	86	35455
>KIT-P627L-v KPSAHLTER	15991	>KIT-P627L-n KLSAHLTER	69	15922
>KIT-P627L-v KPSAHLTER	339	>KIT-P627L-n KLSAHLTER	9	330
>KIT-P627L-v KPSAHLTERE,	160	>KIT-P627L-n KLSAHLTERE/	21612	21452
>KIT-P627L-v KPSAHLTER	381	>KIT-P627L-n KLSAHLTER	97	284
>KIT-P627L-v AMTVAVKMI	18217	>KIT-P627L-n AMTVAVKMI	187	18030
>KIT-P627L-v AMTVAVKMI	16701	>KIT-P627L-n AMTVAVKMI	298	16403
>KIT-P627L-v AMTVAVKMI	19969	>KIT-P627L-n AMTVAVKMI	309	19660
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>KIT-P627L-v AMTVAVKMI	22181	>KIT-P627L-n AMTVAVKMI	13	22168
>KIT-P627L-v LKPSAHLTER	761	>KIT-P627L-n LKLSAHLTER	78	683
>KIT-P627L-v MLKPSAHL	14	>KIT-P627L-n MLKLSAHL	27	13
>KIT-P627L-v MLKPSAHLT	252	>KIT-P627L-n MLKLSAHLT	831	579
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>KIT-P627L-v MLKPSAHLT	42	>KIT-P627L-n MLKLSAHLT	217	175
>KIT-P627L-v MLKPSAHL	416	>KIT-P627L-n MLKLSAHL	1505	1089
>KIT-P627L-v MLKPSAHL	154	>KIT-P627L-n MLKLSAHL	779	625
>KIT-P627L-v MLKPSAHL	72	>KIT-P627L-n MLKLSAHL	211	139
>KIT-P627L-v MLKPSAHL	3	>KIT-P627L-n MLKLSAHL	9	6
>KIT-P627L-v MLKPSAHLT	11	>KIT-P627L-n MLKLSAHLT	107	96
>KIT-P627L-v MLKPSAHLTE	361	>KIT-P627L-n MLKLSAHLTE	628	267
>KIT-P627L-v MLKPSAHL	93	>KIT-P627L-n MLKLSAHL	216	123
>KIT-P627L-v MLKPSAHLTE	11	>KIT-P627L-n MLKLSAHLTE	12	1
>KIT-P627L-v MLKPSAHLTE	163	>KIT-P627L-n MLKLSAHLTE	85	78
>KIT-P627L-v MLKPSAHLTE	53	>KIT-P627L-n MLKLSAHLTE	51	2
>KIT-P627L-v MLKPSAHL	127	>KIT-P627L-n MLKLSAHL	42	85
>KIT-P627L-v MLKPSAHL	128	>KIT-P627L-n MLKLSAHL	262	134
>KIT-P627L-v MLKPSAHL	276	>KIT-P627L-n MLKLSAHL	858	582
>KIT-P627L-v MLKPSAHL	233	>KIT-P627L-n MLKLSAHL	2026	1793
>KIT-P627L-v KMLKPSAHL	758	>KIT-P627L-n KMLKLSAHL	141	617
>KIT-P627L-v KMLKPSAHL	42	>KIT-P627L-n KMLKLSAHL	22	20
>KIT-P627L-v KMLKPSAHL	126	>KIT-P627L-n KMLKLSAHL	20	106
>KIT-P627L-v KMLKPSAHL	261	>KIT-P627L-n KMLKLSAHL	104	157
>KIT-P627L-v KMLKPSAHLT	563	>KIT-P627L-n KMLKLSAHLT	395	168
>KIT-P627L-v KMLKPSAHL	32	>KIT-P627L-n KMLKLSAHL	17	15
>KIT-P627L-v KMLKPSAHL	5	>KIT-P627L-n KMLKLSAHL	7	2
>KIT-P627L-v KMLKPSAHLT	44	>KIT-P627L-n KMLKLSAHLT	98	54
>KIT-P627L-v KMLKPSAHL	5	>KIT-P627L-n KMLKLSAHL	5	0
>KIT-P627L-v KMLKPSAHLT	285	>KIT-P627L-n KMLKLSAHLT	248	37
>KIT-P627L-v KMLKPSAHL	10	>KIT-P627L-n KMLKLSAHL	7	3
>KIT-P627L-v KMLKPSAHLT	169	>KIT-P627L-n KMLKLSAHLT	104	65
>KIT-P627L-v KMLKPSAHL	31	>KIT-P627L-n KMLKLSAHL	26	5
>KIT-P627L-v KMLKPSAHL	22	>KIT-P627L-n KMLKLSAHL	18	4

>KIT-P627L-v KMLKPSAHLT	215	>KIT-P627L-n KMLKLSAHLT	423	208
>KIT-P627L-v KMLKPSAH	202	>KIT-P627L-n KMLKLSAH	291	89
>KIT-P627L-v KMLKPSAHL	181	>KIT-P627L-n KMLKLSAHL	142	39
>KIT-P627L-v KMLKPSAH	987	>KIT-P627L-n KMLKLSAH	355	632
>KIT-P627L-v KMLKPSAHL	866	>KIT-P627L-n KMLKLSAHL	412	454
>KIT-P627L-v KMLKPSAHL	207	>KIT-P627L-n KMLKLSAHL	74	133
>KIT-P627L-v KMLKPSAHLT	840	>KIT-P627L-n KMLKLSAHLT	471	369
>KIT-P627L-v KMLKPSAHL	170	>KIT-P627L-n KMLKLSAHL	126	44
>KIT-P627L-v KMLKPSAH	99	>KIT-P627L-n KMLKLSAH	187	88
>KIT-P627L-v KMLKPSAHL	26	>KIT-P627L-n KMLKLSAHL	69	43
>KIT-P627L-v KMLKPSAHL	106	>KIT-P627L-n KMLKLSAHL	288	182
>KIT-P627L-v KMLKPSAHL	323	>KIT-P627L-n KMLKLSAHL	503	180
>KIT-P627L-v KMLKPSAHL	691	>KIT-P627L-n KMLKLSAHL	200	491
>KIT-P627L-v VKMLKPSAH	260	>KIT-P627L-n VKMLKLSAH	606	346
>KIT-P627L-v VKMLKPSAHI	64	>KIT-P627L-n VKMLKLSAHI	130	66
>KIT-P627L-v AVKMLKPS	294	>KIT-P627L-n AVKMLKLS	731	437
>KIT-P627L-v AVKMLKPSA	13	>KIT-P627L-n AVKMLKLSA	20	7
>KIT-P627L-v AVKMLKPSAI	28	>KIT-P627L-n AVKMLKLSAI	32	4
>KIT-P627L-v AVKMLKPSAI	611	>KIT-P627L-n AVKMLKLSAI	450	161
>KIT-P627L-v VAVKMLKP	15589	>KIT-P627L-n VAVKMLKL	42	15547
>KIT-P627L-v TVAVKMLKP	15469	>KIT-P627L-n TVAVKMLKL	201	15268
>KIT-P627L-v TVAVKMLKPS	408	>KIT-P627L-n TVAVKMLKLS	237	171
>KIT-P627L-v MTVAVKMLK	17043	>KIT-P627L-n MTVAVKMLK	92	16951
>KIT-P627L-v MTVAVKMLK	65	>KIT-P627L-n MTVAVKMLK	175	110
>KIT-P627L-v MTVAVKMLK	11250	>KIT-P627L-n MTVAVKMLK	240	11010
>KIT-P627L-v MTVAVKMLK	5867	>KIT-P627L-n MTVAVKMLK	11	5856
>KIT-P627L-v MTVAVKMLK	13392	>KIT-P627L-n MTVAVKMLK	146	13246
>KIT-P627L-v MTVAVKMLK	15269	>KIT-P627L-n MTVAVKMLK	333	14936
>KIT-P627L-v MTVAVKMLK	17672	>KIT-P627L-n MTVAVKMLK	309	17363
>KIT-Q556H- QWKVVEEI	611	>KIT-Q556H- HWKVVEEI	234	377
>KIT-Q556H- VQWKVVEEI	154	>KIT-Q556H- VHWKVVEEI	207	53
>KIT-Q556H- VQWKVVEEI	91	>KIT-Q556H- VHWKVVEEI	12534	12443
>KIT-Q556H- VQWKVVEEI	43	>KIT-Q556H- VHWKVVEEI	12054	12011
>KIT-Q556H- VQWKVVEEI	17	>KIT-Q556H- VHWKVVEEI	1634	1617
>KIT-Q556H- VQWKVVEEI	75	>KIT-Q556H- VHWKVVEEI	7139	7064
>KIT-Q556H- VQWKVVEEI	468	>KIT-Q556H- VHWKVVEEI	5403	4935
>KIT-Q556H- VQWKVVEEI	57	>KIT-Q556H- VHWKVVEEI	619	562
>KIT-Q556H- KYLQKPMYEA	360	>KIT-Q556H- KYLQKPMYEA	635	275
>KIT-Q556H- KYLQKPMYEA	121	>KIT-Q556H- KYLQKPMYEA	710	589
>KIT-Q556H- KYLQKPMYEA	391	>KIT-Q556H- KYLQKPMYEA	651	260
>KIT-Q556H- EVQWKVVEE	766	>KIT-Q556H- EVHWKVVEE	317	449
>KIT-Q556H- EVQWKVVEE	147	>KIT-Q556H- EVHWKVVEE	192	45
>KIT-Q556H- YEVQWKVV	10	>KIT-Q556H- YEVHWKVV	9	1

>KIT-Q556H- YEVDQWKVVE	11	>KIT-Q556H- YEVHWKVVE	11	0
>KIT-Q556H- YEVDQWKVV	373	>KIT-Q556H- YEVHWKV	816	443
>KIT-Q556H- YEVDQWKVVE	343	>KIT-Q556H- YEVHWKVVE	893	550
>KIT-Q556H- YEVDQWKVV	307	>KIT-Q556H- YEVHWKV	184	123
>KIT-Q556H- YEVDQWKVVE	59	>KIT-Q556H- YEVHWKVVE	46	13
>KIT-Q556H- YEVDQWKVV	169	>KIT-Q556H- YEVHWKV	207	38
>KIT-Q556H- YEVDQWKVVE	176	>KIT-Q556H- YEVHWKVVE	208	32
>KIT-Q556H- YEVDQWKVVE	3	>KIT-Q556H- YEVHWKVVE	4	1
>KIT-Q556H- MYEVDQWKV	1294	>KIT-Q556H- MYEVHWKV	494	800
>KIT-Q556H- MYEVDQWKV	246	>KIT-Q556H- MYEVHWKV	298	52
>KIT-Q556H- MYEVDQWKV	488	>KIT-Q556H- MYEVHWKV	403	85
>KIT-Q556H- PMYEVDQWK\	17	>KIT-Q556H- PMYEVHWK\	35	18
>KIT-Q556H- PMYEVDQWK\	18	>KIT-Q556H- PMYEVHWK\	32	14
>KIT-Q556H- PMYEVDQWK\	48	>KIT-Q556H- PMYEVHWK\	46	2
>KIT-Q556H- PMYEVDQWK\	33	>KIT-Q556H- PMYEVHWK\	34	1
>KIT-Q556H- PMYEVDQWK	510	>KIT-Q556H- PMYEVHWK	257	253
>KIT-Q556H- PMYEVDQWK\	1	>KIT-Q556H- PMYEVHWK\	1	0
>KIT-Q556H- PMYEVDQWK\	4	>KIT-Q556H- PMYEVHWK\	3	1
>KIT-Q556H- PMYEVDQWK\	5	>KIT-Q556H- PMYEVHWK\	8	3
>KIT-Q556H- PMYEVDQWK\	97	>KIT-Q556H- PMYEVHWK\	123	26
>KIT-Q556H- PMYEVDQWK\	4	>KIT-Q556H- PMYEVHWK\	4	0
>KIT-Q556H- PMYEVDQWK\	11	>KIT-Q556H- PMYEVHWK\	14	3
>KIT-Q556H- PMYEVDQWK\	3	>KIT-Q556H- PMYEVHWK\	4	1
>KIT-Q556H- PMYEVDQWK\	54	>KIT-Q556H- PMYEVHWK\	95	41
>KIT-Q556H- PMYEVDQWK\	2	>KIT-Q556H- PMYEVHWK\	2	0
>KIT-Q556H- PMYEVDQWK\	10	>KIT-Q556H- PMYEVHWK\	11	1
>KIT-Q556H- PMYEVDQWK	129	>KIT-Q556H- PMYEVHWK	103	26
>KIT-Q556H- PMYEVDQWK	1471	>KIT-Q556H- PMYEVHWK	356	1115
>KIT-Q556H- PMYEVDQWK\	145	>KIT-Q556H- PMYEVHWK\	73	72
>KIT-Q556H- KPMYEVDQWf	157	>KIT-Q556H- KPMYEVHWf	140	17
>KIT-Q556H- KPMYEVDQWf	136	>KIT-Q556H- KPMYEVHWf	84	52
>KIT-Q556H- KPMYEVDQW	20	>KIT-Q556H- KPMYEVHW	19	1
>KIT-Q556H- KPMYEVDQWf	68	>KIT-Q556H- KPMYEVHWf	52	16
>KIT-Q556H- KPMYEVDQW	536	>KIT-Q556H- KPMYEVHW	471	65
>KIT-Q556H- KPMYEVDQW	199	>KIT-Q556H- KPMYEVHW	134	65
>KIT-Q556H- KPMYEVDQW	9	>KIT-Q556H- KPMYEVHW	9	0
>KIT-Q556H- LQKPMYEVQ	243	>KIT-Q556H- LQKPMYEVH'	266	23
>KIT-Q556H- LQKPMYEVQ	415	>KIT-Q556H- LQKPMYEVH'	164	251
>KIT-Q556H- LQKPMYEVQ	230	>KIT-Q556H- LQKPMYEVH	111	119
>KIT-Q556H- LQKPMYEVQ	247	>KIT-Q556H- LQKPMYEVH'	85	162
>KIT-Q556H- LQKPMYEVQ	1640	>KIT-Q556H- LQKPMYEVH	344	1296
>KIT-Q556H- LQKPMYEVQ	225	>KIT-Q556H- LQKPMYEVH'	156	69
>KIT-Q556H- LQKPMYEVQ	168	>KIT-Q556H- LQKPMYEVH'	231	63

>KIT-Q556H- LQKPMYEVQ	230	>KIT-Q556H- LQKPMYEVH'	215	15
>KIT-Q556H- YLQKPMYEVQ	77	>KIT-Q556H- YLQKPMYEVH	6656	6579
>KIT-Q556H- YLQKPMYEVQ	124	>KIT-Q556H- YLQKPMYEVH	216	92
>KIT-Q556P-1 VQWKVVVEEI	154	>KIT-Q556P-1 VPWKVVVEEI	1047	893
>KIT-Q556P-1 VQWKVVVEEI	23048	>KIT-Q556P-1 VPWKVVVEEI	90	22958
>KIT-Q556P-1 VQWKVVVEEI	91	>KIT-Q556P-1 VPWKVVVEEI	13652	13561
>KIT-Q556P-1 VQWKVVVEEI	43	>KIT-Q556P-1 VPWKVVVEEI	10444	10401
>KIT-Q556P-1 VQWKVVVEEI	17	>KIT-Q556P-1 VPWKVVVEEI	2821	2804
>KIT-Q556P-1 VQWKVVVEEI	75	>KIT-Q556P-1 VPWKVVVEEI	11296	11221
>KIT-Q556P-1 VQWKVVVEEI	468	>KIT-Q556P-1 VPWKVVVEEI	10743	10275
>KIT-Q556P-1 VQWKVVVEEI	57	>KIT-Q556P-1 VPWKVVVEEI	3745	3688
>KIT-Q556P-1 VQWKVVVEEI	16409	>KIT-Q556P-1 VPWKVVVEEI	104	16305
>KIT-Q556P-1 VQWKVVVEEI	13566	>KIT-Q556P-1 VPWKVVVEEI	65	13501
>KIT-Q556P-1 KYLQKPMYEV\	360	>KIT-Q556P-1 KYLQKPMYEV\	598	238
>KIT-Q556P-1 KYLQKPMYEV\	121	>KIT-Q556P-1 KYLQKPMYEV\	5411	5290
>KIT-Q556P-1 KYLQKPMYEV\	391	>KIT-Q556P-1 KYLQKPMYEV\	410	19
>KIT-Q556P-1 EVQWKVVVEE	766	>KIT-Q556P-1 EVPWKVVVEEI	85	681
>KIT-Q556P-1 EVQWKVVVEE	147	>KIT-Q556P-1 EVPWKVVVEEI	318	171
>KIT-Q556P-1 YEVQWKVV	10	>KIT-Q556P-1 YEVPWKVV	24	14
>KIT-Q556P-1 YEVQWKVVE	11	>KIT-Q556P-1 YEVPWKVVEI	15	4
>KIT-Q556P-1 YEVQWKVV	1283	>KIT-Q556P-1 YEVPWKVV	497	786
>KIT-Q556P-1 YEVQWKVVE	964	>KIT-Q556P-1 YEVPWKVVEI	363	601
>KIT-Q556P-1 YEVQWKVV	373	>KIT-Q556P-1 YEVPWKVV	355	18
>KIT-Q556P-1 YEVQWKVVE	343	>KIT-Q556P-1 YEVPWKVVEI	305	38
>KIT-Q556P-1 YEVQWKVV	307	>KIT-Q556P-1 YEVPWKVV	361	54
>KIT-Q556P-1 YEVQWKVVE	59	>KIT-Q556P-1 YEVPWKVVEI	77	18
>KIT-Q556P-1 YEVQWKVV	169	>KIT-Q556P-1 YEVPWKVV	336	167
>KIT-Q556P-1 YEVQWKVVE	176	>KIT-Q556P-1 YEVPWKVVEI	291	115
>KIT-Q556P-1 YEVQWKVVE	3	>KIT-Q556P-1 YEVPWKVVEI	5	2
>KIT-Q556P-1 MYEVQWKV	246	>KIT-Q556P-1 MYEVPWKV	518	272
>KIT-Q556P-1 MYEVQWKV	488	>KIT-Q556P-1 MYEVPWKV	286	202
>KIT-Q556P-1 PMYEVQWK\	17	>KIT-Q556P-1 PMYEVPWK\	14	3
>KIT-Q556P-1 PMYEVQWK\	18	>KIT-Q556P-1 PMYEVPWK\	42	24
>KIT-Q556P-1 PMYEVQWK\	48	>KIT-Q556P-1 PMYEVPWK\	18	30
>KIT-Q556P-1 PMYEVQWK\	805	>KIT-Q556P-1 PMYEVPWK\	434	371
>KIT-Q556P-1 PMYEVQWK\	33	>KIT-Q556P-1 PMYEVPWK\	69	36
>KIT-Q556P-1 PMYEVQWK	510	>KIT-Q556P-1 PMYEVPWK	250	260
>KIT-Q556P-1 PMYEVQWK\	1	>KIT-Q556P-1 PMYEVPWK\	1	0
>KIT-Q556P-1 PMYEVQWK\	4	>KIT-Q556P-1 PMYEVPWK\	2	2
>KIT-Q556P-1 PMYEVQWK\	5	>KIT-Q556P-1 PMYEVPWK\	4	1
>KIT-Q556P-1 PMYEVQWK\	97	>KIT-Q556P-1 PMYEVPWK\	89	8
>KIT-Q556P-1 PMYEVQWK\	4	>KIT-Q556P-1 PMYEVPWK\	4	0
>KIT-Q556P-1 PMYEVQWK\	11	>KIT-Q556P-1 PMYEVPWK\	12	1



>KIT-Q556P-1 PMYEVQWK\	3	>KIT-Q556P-1 PMYEVQWK\	2	1
>KIT-Q556P-1 PMYEVQWK\	54	>KIT-Q556P-1 PMYEVQWK\	46	8
>KIT-Q556P-1 PMYEVQWK\	2	>KIT-Q556P-1 PMYEVQWK\	3	1
>KIT-Q556P-1 PMYEVQWK\	10	>KIT-Q556P-1 PMYEVQWK\	12	2
>KIT-Q556P-1 PMYEVQWK	129	>KIT-Q556P-1 PMYEVQWK	88	41
>KIT-Q556P-1 PMYEVQWK\	145	>KIT-Q556P-1 PMYEVQWK\	98	47
>KIT-Q556P-1 KPMYEVQW	1456	>KIT-Q556P-1 KPMYEVQW	280	1176
>KIT-Q556P-1 KPMYEVQW\	157	>KIT-Q556P-1 KPMYEVQW\	315	158
>KIT-Q556P-1 KPMYEVQW\	136	>KIT-Q556P-1 KPMYEVQW\	134	2
>KIT-Q556P-1 KPMYEVQW	20	>KIT-Q556P-1 KPMYEVQW	20	0
>KIT-Q556P-1 KPMYEVQW\	68	>KIT-Q556P-1 KPMYEVQW\	56	12
>KIT-Q556P-1 KPMYEVQW	199	>KIT-Q556P-1 KPMYEVQW	736	537
>KIT-Q556P-1 KPMYEVQW	9	>KIT-Q556P-1 KPMYEVQW	10	1
>KIT-Q556P-1 QKPMYEVQV	1466	>KIT-Q556P-1 QKPMYEVQV	311	1155
>KIT-Q556P-1 LQKPMYEVQ	243	>KIT-Q556P-1 LQKPMYEVQ\	111	132
>KIT-Q556P-1 LQKPMYEVQ	415	>KIT-Q556P-1 LQKPMYEVQ\	402	13
>KIT-Q556P-1 LQKPMYEVQ	230	>KIT-Q556P-1 LQKPMYEVQ	674	444
>KIT-Q556P-1 LQKPMYEVQ	247	>KIT-Q556P-1 LQKPMYEVQ\	69	178
>KIT-Q556P-1 LQKPMYEVQ	225	>KIT-Q556P-1 LQKPMYEVQ\	58	167
>KIT-Q556P-1 LQKPMYEVQ	168	>KIT-Q556P-1 LQKPMYEVQ\	259	91
>KIT-Q556P-1 LQKPMYEVQ	230	>KIT-Q556P-1 LQKPMYEVQ\	280	50
>KIT-Q556P-1 YLQKPMYEV\	77	>KIT-Q556P-1 YLQKPMYEV\	4505	4428
>KIT-Q556P-1 YLQKPMYEV\	1384	>KIT-Q556P-1 YLQKPMYEV\	442	942
>KIT-Q556P-1 YLQKPMYEV\	124	>KIT-Q556P-1 YLQKPMYEV\	142	18
>KIT-R586I-w RNRLSFGK	6	>KIT-R586I-r INRLSFGK	64	58
>KIT-R586I-w RNRLSFGKTL	134	>KIT-R586I-r INRLSFGKTL	3777	3643
>KIT-R586I-w RNRLSFGKTL	438	>KIT-R586I-r INRLSFGKTL	606	168
>KIT-R586I-w PRNRLSFGK	19614	>KIT-R586I-r PINRLSFGK	231	19383
>KIT-R586I-w PRNRLSFGK	360	>KIT-R586I-r PINRLSFGK	23397	23037
>KIT-R586I-w LPYDHKWEF\	169	>KIT-R586I-r LPYDHKWEF\	20493	20324
>KIT-R586I-w LPYDHKWEF\	170	>KIT-R586I-r LPYDHKWEF\	21467	21297
>KIT-R586I-w LPYDHKWEF\	359	>KIT-R586I-r LPYDHKWEF\	35176	34817
>KIT-R586I-w LPYDHKWEF\	14343	>KIT-R586I-r LPYDHKWEF\	240	14103
>KIT-R586I-w LPYDHKWEF\	13734	>KIT-R586I-r LPYDHKWEF\	96	13638
>KIT-R586I-w LPYDHKWEF\	212	>KIT-R586I-r LPYDHKWEF\	53	159
>KIT-R586I-w LPYDHKWEF\	6975	>KIT-R586I-r LPYDHKWEF\	43	6932
>KIT-R586I-w LPYDHKWEF\	3719	>KIT-R586I-r LPYDHKWEF\	24	3695
>KIT-R586I-w LPYDHKWEF\	124	>KIT-R586I-r LPYDHKWEF\	15	109
>KIT-R586I-w LPYDHKWEF\	4822	>KIT-R586I-r LPYDHKWEF\	158	4664
>KIT-R586I-w LPYDHKWEF\	96	>KIT-R586I-r LPYDHKWEF\	24912	24816
>KIT-R586I-w FPRNRLSF	1070	>KIT-R586I-r FPINRLSF	13	1057
>KIT-R586I-w FPRNRLSFGK	3047	>KIT-R586I-r FPINRLSFGK	388	2659
>KIT-R586I-w FPRNRLSF	8	>KIT-R586I-r FPINRLSF	18	10

>KIT-R586I-w FPRNRLSFGK	113	>KIT-R586I-r FPINRLSFGKT	3189	3076
>KIT-R586I-w FPRNRLSF	20	>KIT-R586I-r FPINRLSF	87	67
>KIT-R586I-w FPRNRLSFG	148	>KIT-R586I-r FPINRLSFG	1363	1215
>KIT-R586I-w FPRNRLSF	24	>KIT-R586I-r FPINRLSF	43	19
>KIT-R586I-w FPRNRLSF	52	>KIT-R586I-r FPINRLSF	16	36
>KIT-R586I-w FPRNRLSF	237	>KIT-R586I-r FPINRLSF	21	216
>KIT-R586I-w FPRNRLSF	1065	>KIT-R586I-r FPINRLSF	415	650
>KIT-R586I-w FPRNRLSFG	145	>KIT-R586I-r FPINRLSFG	54	91
>KIT-R586I-w FPRNRLSFGK	59	>KIT-R586I-r FPINRLSFGK	30	29
>KIT-R586I-w FPRNRLSFGK	30	>KIT-R586I-r FPINRLSFGKT	16	14
>KIT-R586I-w FPRNRLSF	1658	>KIT-R586I-r FPINRLSF	90	1568
>KIT-R586I-w FPRNRLSF	164	>KIT-R586I-r FPINRLSF	14	150
>KIT-R586I-w EFPRNRLSF	479	>KIT-R586I-r EFPINRLSF	1001	522
>KIT-R586I-w EFPRNRLSF	14	>KIT-R586I-r EFPINRLSF	26	12
>KIT-R586I-w EFPRNRLSFG	524	>KIT-R586I-r EFPINRLSFGK	414	110
>KIT-R586I-w EFPRNRLSF	348	>KIT-R586I-r EFPINRLSF	265	83
>KIT-R586I-w WEFPRNRLSF	117	>KIT-R586I-r WEFPINRLSF	135	18
>KIT-R586I-w WEFPRNRLSF	337	>KIT-R586I-r WEFPINRLSF	343	6
>KIT-R586I-w WEFPRNRLSF	147	>KIT-R586I-r WEFPINRLSF	190	43
>KIT-R586I-w WEFPRNRLSF	10	>KIT-R586I-r WEFPINRLSF	11	1
>KIT-R586I-w WEFPRNRL	202	>KIT-R586I-r WEFPINRL	68	134
>KIT-R586I-w WEFPRNRLS	1921	>KIT-R586I-r WEFPINRLS	312	1609
>KIT-R586I-w WEFPRNRL	45	>KIT-R586I-r WEFPINRL	15	30
>KIT-R586I-w WEFPRNRLSF	772	>KIT-R586I-r WEFPINRLSF	322	450
>KIT-R586I-w WEFPRNRL	89	>KIT-R586I-r WEFPINRL	48	41
>KIT-R586I-w WEFPRNRLS	969	>KIT-R586I-r WEFPINRLS	347	622
>KIT-R586I-w WEFPRNRLSF	493	>KIT-R586I-r WEFPINRLSF	407	86
>KIT-R586I-w WEFPRNRL	276	>KIT-R586I-r WEFPINRL	41	235
>KIT-R586I-w WEFPRNRLSF	49	>KIT-R586I-r WEFPINRLSF	17	32
>KIT-R586I-w WEFPRNRLSF	498	>KIT-R586I-r WEFPINRLSF	304	194
>KIT-R586I-w KWEFPRNRLS	477	>KIT-R586I-r KWEFPINRLS	446	31
>KIT-R586I-w KWEFPRNRLS	162	>KIT-R586I-r KWEFPINRLS	125	37
>KIT-R586I-w KWEFPRNR	137	>KIT-R586I-r KWEFPINR	110	27
>KIT-R586I-w KWEFPRNR	13	>KIT-R586I-r KWEFPINR	10	3
>KIT-R586I-w KWEFPRNR	395	>KIT-R586I-r KWEFPINR	423	28
>KIT-R586I-w KWEFPRNRL	154	>KIT-R586I-r KWEFPINRL	168	14
>KIT-R586I-w KWEFPRNRLS	82	>KIT-R586I-r KWEFPINRLS	81	1
>KIT-R586I-w HKWEFPRNR	1022	>KIT-R586I-r HKWEFPINR	417	605
>KIT-R586I-w HKWEFPRNR	220	>KIT-R586I-r HKWEFPINR	111	109
>KIT-R586I-w HKWEFPRNR	59	>KIT-R586I-r HKWEFPINRL	51	8
>KIT-R586I-w HKWEFPRNR	238	>KIT-R586I-r HKWEFPINRL	141	97
>KIT-R586I-w HKWEFPRNR	656	>KIT-R586I-r HKWEFPINRL	295	361
>KIT-R586I-w HKWEFPRNR	33	>KIT-R586I-r HKWEFPINR	17	16

>KIT-R586I-w DHKWEFPR	218	>KIT-R586I-r DHKWEFPI	23302	23084
>KIT-R586I-w DHKWEFPR	346	>KIT-R586I-r DHKWEFPI	34245	33899
>KIT-R586I-w DHKWEFPRN	1244	>KIT-R586I-r DHKWEFPINF	495	749
>KIT-R586I-w YDHKWEFPR	9238	>KIT-R586I-r YDHKWEFPI	244	8994
>KIT-R586I-w YDHKWEFPR	9735	>KIT-R586I-r YDHKWEFPI	25	9710
>KIT-R586I-w YDHKWEFPR	183	>KIT-R586I-r YDHKWEFPI	33654	33471
>KIT-R586I-w YDHKWEFPR	658	>KIT-R586I-r YDHKWEFPIN	242	416
>KIT-R586I-w YDHKWEFPR	25530	>KIT-R586I-r YDHKWEFPI	174	25356
>KIT-R586I-w PYDHKWEFPI	67	>KIT-R586I-r PYDHKWEFPI	28728	28661
>KIT-R634W- REALMSEL	2262	>KIT-R634W- WEALMSEL	257	2005
>KIT-R634W- REALMSELKV	131	>KIT-R634W- WEALMSELK'	33	98
>KIT-R634W- REALMSELKV	58	>KIT-R634W- WEALMSELK'	19	39
>KIT-R634W- REALMSEL	2615	>KIT-R634W- WEALMSEL	50	2565
>KIT-R634W- REALMSELKV	2970	>KIT-R634W- WEALMSELK'	65	2905
>KIT-R634W- REALMSEL	16	>KIT-R634W- WEALMSEL	24	8
>KIT-R634W- REALMSELKV	589	>KIT-R634W- WEALMSELK'	463	126
>KIT-R634W- REALMSELKV	30	>KIT-R634W- WEALMSELK'	44	14
>KIT-R634W- REALMSEL	25	>KIT-R634W- WEALMSEL	36	11
>KIT-R634W- REALMSELKV	131	>KIT-R634W- WEALMSELK'	335	204
>KIT-R634W- REALMSELKV	74	>KIT-R634W- WEALMSELK'	93	19
>KIT-R634W- REALMSELKV	425	>KIT-R634W- WEALMSELK'	3459	3034
>KIT-R634W- REALMSEL	279	>KIT-R634W- WEALMSEL	69	210
>KIT-R634W- REALMSELK	146	>KIT-R634W- WEALMSELK	126	20
>KIT-R634W- REALMSELKV	41	>KIT-R634W- WEALMSELK'	26	15
>KIT-R634W- REALMSELKV	10	>KIT-R634W- WEALMSELK'	8	2
>KIT-R634W- REALMSEL	382	>KIT-R634W- WEALMSEL	5479	5097
>KIT-R634W- EREALMSEL	141	>KIT-R634W- EWEALMSEL	6761	6620
>KIT-R634W- EREALMSEL	257	>KIT-R634W- EWEALMSEL	19069	18812
>KIT-R634W- EREALMSEL	156	>KIT-R634W- EWEALMSEL	30454	30298
>KIT-R634W- EREALMSELK	19258	>KIT-R634W- EWEALMSELI	412	18846
>KIT-R634W- EREALMSEL	35431	>KIT-R634W- EWEALMSEL	266	35165
>KIT-R634W- MLKPSAHLTE	361	>KIT-R634W- MLKPSAHLTE	18695	18334
>KIT-R634W- MLKPSAHLTE	11	>KIT-R634W- MLKPSAHLTE	10161	10150
>KIT-R634W- MLKPSAHLTE	163	>KIT-R634W- MLKPSAHLTE	28153	27990
>KIT-R634W- MLKPSAHLTE	53	>KIT-R634W- MLKPSAHLTE	20771	20718
>KIT-R634W- MLKPSAHLTE	19495	>KIT-R634W- MLKPSAHLTE	15	19480
>KIT-R634W- MLKPSAHLTE	23171	>KIT-R634W- MLKPSAHLTE	172	22999
>KIT-R634W- MLKPSAHLTE	22141	>KIT-R634W- MLKPSAHLTE	198	21943
>KIT-R634W- MLKPSAHLTE	31546	>KIT-R634W- MLKPSAHLTE	399	31147
>KIT-R634W- TEREALMS	104	>KIT-R634W- TEWEALMS	127	23
>KIT-R634W- TEREALMSEL	127	>KIT-R634W- TEWEALMSE	23	104
>KIT-R634W- TEREALMS	1434	>KIT-R634W- TEWEALMS	317	1117
>KIT-R634W- TEREALMSE	177	>KIT-R634W- TEWEALMSE	40	137

>KIT-R634W- TEREALMSEL	965	>KIT-R634W- TEWEALMSE	208	757
>KIT-R634W- TEREALMSEL	267	>KIT-R634W- TEWEALMSE	137	130
>KIT-R634W- TEREALMSEL	2769	>KIT-R634W- TEWEALMSE	299	2470
>KIT-R634W- TEREALMSEL	45	>KIT-R634W- TEWEALMSE	14	31
>KIT-R634W- LTEREALM	135	>KIT-R634W- LTEWEALM	43	92
>KIT-R634W- LTEREALMSE	35	>KIT-R634W- LTEWEALMSI	13	22
>KIT-R634W- LTEREALMSE	743	>KIT-R634W- LTEWEALMSI	300	443
>KIT-R634W- LTEREALM	2037	>KIT-R634W- LTEWEALM	133	1904
>KIT-R634W- LTEREALMSE	39	>KIT-R634W- LTEWEALMSI	38	1
>KIT-R634W- LTEREALMSE	1067	>KIT-R634W- LTEWEALMSI	421	646
>KIT-R634W- HLTEREAL	1229	>KIT-R634W- HLTEWEAL	117	1112
>KIT-R634W- HLTEREALM	1739	>KIT-R634W- HLTEWEALM	109	1630
>KIT-R634W- HLTEREAL	34	>KIT-R634W- HLTEWEAL	20	14
>KIT-R634W- HLTEREALM	234	>KIT-R634W- HLTEWEALM	126	108
>KIT-R634W- HLTEREAL	821	>KIT-R634W- HLTEWEAL	260	561
>KIT-R634W- HLTEREAL	1404	>KIT-R634W- HLTEWEAL	94	1310
>KIT-R634W- HLTEREAL	179	>KIT-R634W- HLTEWEAL	12	167
>KIT-R634W- HLTEREALM	1368	>KIT-R634W- HLTEWEALM	43	1325
>KIT-R634W- HLTEREAL	136	>KIT-R634W- HLTEWEAL	22	114
>KIT-R634W- HLTEREALM	1030	>KIT-R634W- HLTEWEALM	64	966
>KIT-R634W- HLTEREAL	339	>KIT-R634W- HLTEWEAL	35	304
>KIT-R634W- HLTEREALM	2003	>KIT-R634W- HLTEWEALM	101	1902
>KIT-R634W- HLTEREAL	3128	>KIT-R634W- HLTEWEAL	147	2981
>KIT-R634W- HLTEREALM	5870	>KIT-R634W- HLTEWEALM	292	5578
>KIT-R634W- HLTEREAL	8	>KIT-R634W- HLTEWEAL	6	2
>KIT-R634W- HLTEREALM	57	>KIT-R634W- HLTEWEALM	6	51
>KIT-R634W- HLTEREALMS	2604	>KIT-R634W- HLTEWEALM	405	2199
>KIT-R634W- AHLTEREAL	274	>KIT-R634W- AHLTEWEAL	398	124
>KIT-R634W- AHLTEREAL	37	>KIT-R634W- AHLTEWEAL	32	5
>KIT-R634W- AHLTEREALM	609	>KIT-R634W- AHLTEWEALM	262	347
>KIT-R634W- SAHLTEREAL	452	>KIT-R634W- SAHLTEWEAL	554	102
>KIT-R634W- PSAHLTER	25690	>KIT-R634W- PSAHLTEW	471	25219
>KIT-R634W- PSAHLTER	22118	>KIT-R634W- PSAHLTEW	293	21825
>KIT-R634W- KPSAHLTER	339	>KIT-R634W- KPSAHLTEW	21922	21583
>KIT-R634W- KPSAHLTER	11793	>KIT-R634W- KPSAHLTEW	123	11670
>KIT-R634W- KPSAHLTERE	160	>KIT-R634W- KPSAHLTEWE	652	492
>KIT-R634W- KPSAHLTER	24893	>KIT-R634W- KPSAHLTEW	71	24822
>KIT-R634W- KPSAHLTER	22464	>KIT-R634W- KPSAHLTEW	452	22012
>KIT-R634W- KPSAHLTER	20948	>KIT-R634W- KPSAHLTEW	13	20935
>KIT-R634W- KPSAHLTER	34291	>KIT-R634W- KPSAHLTEW	402	33889
>KIT-R634W- KPSAHLTER	381	>KIT-R634W- KPSAHLTEW	32406	32025
>KIT-R634W- LKPSAHLTER	761	>KIT-R634W- LKPSAHLTEW	280	481
>KIT-R634W- LKPSAHLTER	24104	>KIT-R634W- LKPSAHLTEW	158	23946

>KIT-R796G-1 RNILLTHGR	118	>KIT-R796G-1 GNILLTHGR	2303	2185
>KIT-R796G-1 RNILLTHGR	37	>KIT-R796G-1 GNILLTHGR	461	424
>KIT-R796G-1 ARNILLTHGR	255	>KIT-R796G-1 AGNILLTHGR	561	306
>KIT-R796G-1 ARNILLTH	274	>KIT-R796G-1 AGNILLTH	23122	22848
>KIT-R796G-1 ARNILLTHGR	99	>KIT-R796G-1 AGNILLTHGR	26416	26317
>KIT-R796G-1 ARNILLTHGR	227	>KIT-R796G-1 AGNILLTHGR	22458	22231
>KIT-R796G-1 ARNILLTHGR	323	>KIT-R796G-1 AGNILLTHGR	32998	32675
>KIT-R796G-1 KNCIHRDLAA	56	>KIT-R796G-1 KNCIHRDLAA	18955	18899
>KIT-R796G-1 KNCIHRDLAA	312	>KIT-R796G-1 KNCIHRDLAA	31338	31026
>KIT-R796G-1 AARNILLT	238	>KIT-R796G-1 AAGNILLT	14784	14546
>KIT-R796G-1 AARNILLTH	383	>KIT-R796G-1 AAGNILLTH	15143	14760
>KIT-R796G-1 AARNILLTHG	347	>KIT-R796G-1 AAGNILLTHG	15225	14878
>KIT-R796G-1 AARNILLTHG	127	>KIT-R796G-1 AAGNILLTHG	13559	13432
>KIT-R796G-1 AARNILLTHG	32	>KIT-R796G-1 AAGNILLTHG	164	132
>KIT-R796G-1 AARNILLTHG	500	>KIT-R796G-1 AAGNILLTHG	326	174
>KIT-R796G-1 AARNILLTH	278	>KIT-R796G-1 AAGNILLTH	4051	3773
>KIT-R796G-1 LAARNILL	663	>KIT-R796G-1 LAAGNILL	191	472
>KIT-R796G-1 LAARNILL	1877	>KIT-R796G-1 LAAGNILL	405	1472
>KIT-R796G-1 LAARNILL	1759	>KIT-R796G-1 LAAGNILL	489	1270
>KIT-R796G-1 LAARNILL	446	>KIT-R796G-1 LAAGNILL	951	505
>KIT-R796G-1 DLAARNILL	228	>KIT-R796G-1 DLAAGNILL	233	5
>KIT-R796G-1 DLAARNILLT	1287	>KIT-R796G-1 DLAAGNILLT	396	891
>KIT-R796G-1 DLAARNILL	1798	>KIT-R796G-1 DLAAGNILL	324	1474
>KIT-R796G-1 DLAARNILL	2806	>KIT-R796G-1 DLAAGNILL	475	2331
>KIT-R796G-1 DLAARNIL	478	>KIT-R796G-1 DLAAGNIL	300	178
>KIT-R796G-1 DLAARNILL	158	>KIT-R796G-1 DLAAGNILL	69	89
>KIT-R796G-1 DLAARNILL	1185	>KIT-R796G-1 DLAAGNILL	451	734
>KIT-R796G-1 RDLAARNIL	162	>KIT-R796G-1 RDLAAGNIL	167	5
>KIT-R796G-1 RDLAARNI	23	>KIT-R796G-1 RDLAAGNI	36	13
>KIT-R796G-1 RDLAARNI	102	>KIT-R796G-1 RDLAAGNI	39	63
>KIT-R796G-1 HRDLAARNIL	51	>KIT-R796G-1 HRDLAAGNIL	34	17
>KIT-R796G-1 HRDLAARNIL	431	>KIT-R796G-1 HRDLAAGNIL	572	141
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>KIT-R796G-1 HRDLAARNIL	50	>KIT-R796G-1 HRDLAAGNIL	37	13
>KIT-R796G-1 HRDLAARNIL	272	>KIT-R796G-1 HRDLAAGNIL	325	53
>KIT-R796G-1 HRDLAARNIL	51	>KIT-R796G-1 HRDLAAGNIL	85	34
>KIT-R796G-1 IHRDLAARNII	529	>KIT-R796G-1 IHRDLAAGNII	367	162
>KIT-R796G-1 CIHRDLAAR	121	>KIT-R796G-1 CIHRDLAAG	23249	23128
>KIT-R796G-1 CIHRDLAAR	323	>KIT-R796G-1 CIHRDLAAG	39453	39130
>KIT-R796G-1 NCIHRDLAAR	444	>KIT-R796G-1 NCIHRDLAAG	33262	32818
>KIT-R804W- RITKICDFGL	648	>KIT-R804W- WITKICDFGL	474	174
>KIT-R804W- RITKICDFGLA	988	>KIT-R804W- WITKICDFGL	476	512
>KIT-R804W- RITKICDFGL	959	>KIT-R804W- WITKICDFGL	195	764

>KIT-R804W- RITKICDF	237	>KIT-R804W- WITKICDF	14981	14744
>KIT-R804W- RITKICDFGLA	5422	>KIT-R804W- WITKICDFGL	291	5131
>KIT-R804W- RITKICDF	228	>KIT-R804W- WITKICDF	451	223
>KIT-R804W- GRITKICDF	21119	>KIT-R804W- GWITKICDF	148	20971
>KIT-R804W- GRITKICDF	253	>KIT-R804W- GWITKICDF	4469	4216
>KIT-R804W- GRITKICDFGL	168	>KIT-R804W- GWITKICDFG	16875	16707
>KIT-R804W- GRITKICDF	484	>KIT-R804W- GWITKICDF	21152	20668
>KIT-R804W- GRITKICDFGL	267	>KIT-R804W- GWITKICDFG	15589	15322
>KIT-R804W- GRITKICDF	315	>KIT-R804W- GWITKICDF	31076	30761
>KIT-R804W- GRITKICDFGL	52	>KIT-R804W- GWITKICDFG	16759	16707
>KIT-R804W- AARNILLTHG	127	>KIT-R804W- AARNILLTHG	3121	2994
>KIT-R804W- AARNILLTHG	32	>KIT-R804W- AARNILLTHG	18821	18789
>KIT-R804W- AARNILLTHG	11330	>KIT-R804W- AARNILLTHG	9	11321
>KIT-R804W- AARNILLTHG	23118	>KIT-R804W- AARNILLTHG	70	23048
>KIT-R804W- AARNILLTHG	22994	>KIT-R804W- AARNILLTHG	215	22779
>KIT-R804W- LTHGRITKI	318	>KIT-R804W- LTHGWITKI	168	150
>KIT-R804W- LTHGRITKI	957	>KIT-R804W- LTHGWITKI	33	924
>KIT-R804W- LTHGRITKI	1897	>KIT-R804W- LTHGWITKI	121	1776
>KIT-R804W- LTHGRITK	119	>KIT-R804W- LTHGWITK	156	37
>KIT-R804W- LTHGRITK	68	>KIT-R804W- LTHGWITK	44	24
>KIT-R804W- LTHGRITK	8	>KIT-R804W- LTHGWITK	12	4
>KIT-R804W- LTHGRITK	438	>KIT-R804W- LTHGWITK	409	29
>KIT-R804W- LTHGRITKI	821	>KIT-R804W- LTHGWITKI	338	483
>KIT-R804W- LTHGRITK	98	>KIT-R804W- LTHGWITK	143	45
>KIT-R804W- LTHGRITKI	617	>KIT-R804W- LTHGWITKI	89	528
>KIT-R804W- LTHGRITKI	27	>KIT-R804W- LTHGWITKI	43	16
>KIT-R804W- LTHGRITKI	441	>KIT-R804W- LTHGWITKI	135	306
>KIT-R804W- LTHGRITK	1753	>KIT-R804W- LTHGWITK	403	1350
>KIT-R804W- LTHGRITKI	27	>KIT-R804W- LTHGWITKI	22	5
>KIT-R804W- LLTHGRITKI	424	>KIT-R804W- LLTHGWITKI	275	149
>KIT-R804W- LLTHGRITKI	174	>KIT-R804W- LLTHGWITKI	177	3
>KIT-R804W- LLTHGRITKI	184	>KIT-R804W- LLTHGWITKI	22	162
>KIT-R804W- LLTHGRITKI	612	>KIT-R804W- LLTHGWITKI	141	471
>KIT-R804W- LLTHGRITKI	176	>KIT-R804W- LLTHGWITKI	21	155
>KIT-R804W- LLTHGRITKI	3670	>KIT-R804W- LLTHGWITKI	468	3202
>KIT-R804W- LLTHGRIT	764	>KIT-R804W- LLTHGWIT	41	723
>KIT-R804W- LLTHGRITKI	6	>KIT-R804W- LLTHGWITKI	5	1
>KIT-R804W- LLTHGRITKIC	190	>KIT-R804W- LLTHGWITKIC	160	30
>KIT-R804W- LLTHGRITK	78	>KIT-R804W- LLTHGWITK	94	16
>KIT-R804W- LLTHGRITK	350	>KIT-R804W- LLTHGWITK	241	109
>KIT-R804W- ILLTHGRI	269	>KIT-R804W- ILLTHGWI	1278	1009
>KIT-R804W- ILLTHGRI	943	>KIT-R804W- ILLTHGWI	169	774
>KIT-R804W- ILLTHGRIT	12735	>KIT-R804W- ILLTHGWIT	462	12273

>KIT-R804W- ILLTHGRITKI	225	>KIT-R804W- ILLTHGWITKI	29	196
>KIT-R804W- ILLTHGRI	1084	>KIT-R804W- ILLTHGWI	278	806
>KIT-R804W- ILLTHGRITKI	269	>KIT-R804W- ILLTHGWITKI	78	191
>KIT-R804W- ILLTHGRI	165	>KIT-R804W- ILLTHGWI	65	100
>KIT-R804W- ILLTHGRITKI	43	>KIT-R804W- ILLTHGWITKI	28	15
>KIT-R804W- ILLTHGRI	1603	>KIT-R804W- ILLTHGWI	277	1326
>KIT-R804W- ILLTHGRIT	15640	>KIT-R804W- ILLTHGWIT	224	15416
>KIT-R804W- ILLTHGRITKI	425	>KIT-R804W- ILLTHGWITKI	58	367
>KIT-R804W- ILLTHGRI	14	>KIT-R804W- ILLTHGWI	9	5
>KIT-R804W- ILLTHGRIT	3594	>KIT-R804W- ILLTHGWIT	94	3500
>KIT-R804W- ILLTHGRITKI	16	>KIT-R804W- ILLTHGWITKI	5	11
>KIT-R804W- ILLTHGRI	365	>KIT-R804W- ILLTHGWI	202	163
>KIT-R804W- ILLTHGRIT	12501	>KIT-R804W- ILLTHGWIT	221	12280
>KIT-R804W- ILLTHGRITKI	164	>KIT-R804W- ILLTHGWITKI	21	143
>KIT-R804W- ILLTHGRI	545	>KIT-R804W- ILLTHGWI	100	445
>KIT-R804W- ILLTHGRITKI	160	>KIT-R804W- ILLTHGWITKI	21	139
>KIT-R804W- ILLTHGRI	1157	>KIT-R804W- ILLTHGWI	381	776
>KIT-R804W- ILLTHGRITKI	262	>KIT-R804W- ILLTHGWITKI	26	236
>KIT-R804W- ILLTHGRI	61	>KIT-R804W- ILLTHGWI	21	40
>KIT-R804W- ILLTHGRIT	6205	>KIT-R804W- ILLTHGWIT	79	6126
>KIT-R804W- ILLTHGRITKI	39	>KIT-R804W- ILLTHGWITKI	8	31
>KIT-R804W- ILLTHGRITK	18	>KIT-R804W- ILLTHGWITK	27	9
>KIT-R804W- ILLTHGRITK	91	>KIT-R804W- ILLTHGWITK	60	31
>KIT-R804W- ILLTHGRITK	209	>KIT-R804W- ILLTHGWITK	216	7
>KIT-R804W- NILLTHGRITK	430	>KIT-R804W- NILLTHGWITK	486	56
>KIT-R804W- NILLTHGR	121	>KIT-R804W- NILLTHGW	28868	28747
>KIT-R804W- NILLTHGR	85	>KIT-R804W- NILLTHGW	26378	26293
>KIT-R804W- NILLTHGRI	692	>KIT-R804W- NILLTHGWI	493	199
>KIT-R804W- NILLTHGR	71	>KIT-R804W- NILLTHGW	21547	21476
>KIT-R804W- RNILLTHGR	118	>KIT-R804W- RNILLTHGW	20042	19924
>KIT-R804W- RNILLTHGR	24436	>KIT-R804W- RNILLTHGW	472	23964
>KIT-R804W- RNILLTHGR	21340	>KIT-R804W- RNILLTHGW	25	21315
>KIT-R804W- RNILLTHGR	37	>KIT-R804W- RNILLTHGW	15895	15858
>KIT-R804W- ARNILLTHGR	255	>KIT-R804W- ARNILLTHGM	26998	26743
>KIT-R804W- ARNILLTHGR	99	>KIT-R804W- ARNILLTHGM	569	470
>KIT-R804W- ARNILLTHGR	227	>KIT-R804W- ARNILLTHGM	399	172
>KIT-R804W- ARNILLTHGR	323	>KIT-R804W- ARNILLTHGM	161	162
>KIT-R956Q-1 RINSVGSTA	44	>KIT-R956Q-1 QINSVGSTA	195	151
>KIT-R956Q-1 RINSVGSTA	247	>KIT-R956Q-1 QINSVGSTA	2298	2051
>KIT-R956Q-1 RINSVGSTA	322	>KIT-R956Q-1 QINSVGSTA	1520	1198
>KIT-R956Q-1 VRINSVGST	23553	>KIT-R956Q-1 VQINSVGST	434	23119
>KIT-R956Q-1 VRINSVGSTA	11734	>KIT-R956Q-1 VQINSVGSTA	434	11300
>KIT-R956Q-1 VRINSVGSTA	25013	>KIT-R956Q-1 VQINSVGSTA	434	24579

>KIT-R956Q-1 VRINSVGSTA	17965	>KIT-R956Q-1 VQINSVGSTA	127	17838
>KIT-R956Q-1 VRINSVGSTA	20647	>KIT-R956Q-1 VQINSVGSTA	483	20164
>KIT-R956Q-1 VRINSVGSTA	391	>KIT-R956Q-1 VQINSVGSTA	73	318
>KIT-R956Q-1 VRINSVGSTA	1317	>KIT-R956Q-1 VQINSVGSTA	319	998
>KIT-R956Q-1 VRINSVGSTA	493	>KIT-R956Q-1 VQINSVGSTA	19556	19063
>KIT-R956Q-1 RQKPVVDHS'	11	>KIT-R956Q-1 RQKPVVDHS'	3955	3944
>KIT-R956Q-1 RQKPVVDHS'	1334	>KIT-R956Q-1 RQKPVVDHS'	178	1156
>KIT-R956Q-1 RQKPVVDHS'	104	>KIT-R956Q-1 RQKPVVDHS'	400	296
>KIT-R956Q-1 SVRINSVG	124	>KIT-R956Q-1 SVQINSVG	11139	11015
>KIT-R956Q-1 SVRINSVGS	87	>KIT-R956Q-1 SVQINSVGS	10275	10188
>KIT-R956Q-1 SVRINSVGST	115	>KIT-R956Q-1 SVQINSVGST	10805	10690
>KIT-R956Q-1 SVRINSVGST,	12	>KIT-R956Q-1 SVQINSVGST	3052	3040
>KIT-R956Q-1 HSVRINSV	19	>KIT-R956Q-1 HSVQINSV	20	1
>KIT-R956Q-1 HSVRINSV	677	>KIT-R956Q-1 HSVQINSV	335	342
>KIT-R956Q-1 HSVRINSV	370	>KIT-R956Q-1 HSVQINSV	336	34
>KIT-R956Q-1 VDHSVRINSV	1179	>KIT-R956Q-1 VDHSVQINSV	371	808
>KIT-R956Q-1 VVDHSVRINS	236	>KIT-R956Q-1 VVDHSVQINS	213	23
>KIT-R956Q-1 VVDHSVRINS	74	>KIT-R956Q-1 VVDHSVQINS	39	35
>KIT-R956Q-1 VVDHSVRI	705	>KIT-R956Q-1 VVDHSVQI	459	246
>KIT-R956Q-1 VVDHSVRINS	89	>KIT-R956Q-1 VVDHSVQINS	55	34
>KIT-R956Q-1 VVDHSVRINS	387	>KIT-R956Q-1 VVDHSVQINS	162	225
>KIT-R956Q-1 VVDHSVRINS	304	>KIT-R956Q-1 VVDHSVQINS	108	196
>KIT-R956Q-1 VVDHSVRINS	991	>KIT-R956Q-1 VVDHSVQINS	302	689
>KIT-R956Q-1 VVDHSVRINS	70	>KIT-R956Q-1 VVDHSVQINS	23	47
>KIT-R956Q-1 KPVVDHSVRI	1979	>KIT-R956Q-1 KPVVDHSVQI	452	1527
>KIT-S476I-w SSIDSSAFK	119	>KIT-S476I-m ISIDSSAFK	74	45
>KIT-S476I-w SSIDSSAFK	6	>KIT-S476I-m ISIDSSAFK	8	2
>KIT-S476I-w SSIDSSAF	347	>KIT-S476I-m ISIDSSAF	4607	4260
>KIT-S476I-w SSIDSSAF	19	>KIT-S476I-m ISIDSSAF	132	113
>KIT-S476I-w SSIDSSAFK	8	>KIT-S476I-m ISIDSSAFK	14	6
>KIT-S476I-w SSIDSSAFK	175	>KIT-S476I-m ISIDSSAFK	220	45
>KIT-S476I-w SSIDSSAFK	7	>KIT-S476I-m ISIDSSAFK	6	1
>KIT-S476I-w SSIDSSAF	28	>KIT-S476I-m ISIDSSAF	29	1
>KIT-S476I-w SSIDSSAF	10	>KIT-S476I-m ISIDSSAF	5	5
>KIT-S476I-w SSIDSSAF	4	>KIT-S476I-m ISIDSSAF	3	1
>KIT-S476I-w SSIDSSAFKH	31	>KIT-S476I-m ISIDSSAFKH	10	21
>KIT-S476I-w SSIDSSAF	172	>KIT-S476I-m ISIDSSAF	82	90
>KIT-S476I-w SSIDSSAF	905	>KIT-S476I-m ISIDSSAF	330	575
>KIT-S476I-w SSIDSSAF	601	>KIT-S476I-m ISIDSSAF	53	548
>KIT-S476I-w SSIDSSAF	279	>KIT-S476I-m ISIDSSAF	168	111
>KIT-S476I-w SSIDSSAFK	157	>KIT-S476I-m ISIDSSAFK	670	513
>KIT-S476I-w QSSIDSSAFK	141	>KIT-S476I-m QSIDSSAFK	45	96
>KIT-S476I-w QSSIDSSAFK	18	>KIT-S476I-m QSIDSSAFK	21	3



>KIT-S476I-w QSSIDSSAFK	119	>KIT-S476I-m QISIDSSAFK	270	151
>KIT-S476I-w QSSIDSSAFK	404	>KIT-S476I-m QISIDSSAFK	379	25
>KIT-S476I-w QSSIDSSAFK	13	>KIT-S476I-m QISIDSSAFK	12	1
>KIT-S476I-w QSSIDSSAF	102	>KIT-S476I-m QISIDSSAF	102	0
>KIT-S476I-w QSSIDSSAF	3254	>KIT-S476I-m QISIDSSAF	405	2849
>KIT-S476I-w QSSIDSSAF	22	>KIT-S476I-m QISIDSSAF	136	114
>KIT-S476I-w QSSIDSSAF	7	>KIT-S476I-m QISIDSSAF	2100	2093
>KIT-S476I-w QSSIDSSAF	81	>KIT-S476I-m QISIDSSAF	150	69
>KIT-S476I-w QSSIDSSAF	37	>KIT-S476I-m QISIDSSAF	668	631
>KIT-S476I-w QSSIDSSAFK	387	>KIT-S476I-m QISIDSSAFK	4378	3991
>KIT-S476I-w VQSSIDSSA	477	>KIT-S476I-m VQSIDSSA	305	172
>KIT-S476I-w VQSSIDSSA	469	>KIT-S476I-m VQSIDSSA	62	407
>KIT-S476I-w VQSSIDSSAF	213	>KIT-S476I-m VQSIDSSAFK	470	257
>KIT-S476I-w VQSSIDSSAF	33	>KIT-S476I-m VQSIDSSAFK	33	0
>KIT-S476I-w VQSSIDSSAF	538	>KIT-S476I-m VQSIDSSAFK	311	227
>KIT-S476I-w VQSSIDSSAF	580	>KIT-S476I-m VQSIDSSAFK	312	268
>KIT-S476I-w VQSSIDSSA	576	>KIT-S476I-m VQSIDSSA	297	279
>KIT-S476I-w VQSSIDSSAF	32	>KIT-S476I-m VQSIDSSAF	26	6
>KIT-S476I-w VQSSIDSSAF	176	>KIT-S476I-m VQSIDSSAF	123	53
>KIT-S476I-w VQSSIDSSA	548	>KIT-S476I-m VQSIDSSA	338	210
>KIT-S476I-w VQSSIDSSAF	3	>KIT-S476I-m VQSIDSSAF	2	1
>KIT-S476I-w VVQSSIDSSAI	300	>KIT-S476I-m VVQSIDSSAF	2157	1857
>KIT-S476I-w VVQSSIDSSAI	60	>KIT-S476I-m VVQSIDSSAF	109	49
>KIT-S476I-w VVQSSIDSSAI	278	>KIT-S476I-m VVQSIDSSAF	497	219
>KIT-S476I-w VVQSSIDSSAI	82	>KIT-S476I-m VVQSIDSSAF	326	244
>KIT-S476I-w VVQSSIDSSAI	191	>KIT-S476I-m VVQSIDSSAF	104	87
>KIT-S476I-w VVQSSIDSSAI	224	>KIT-S476I-m VVQSIDSSAF	339	115
>KIT-S476I-w VVQSSIDSSAI	65	>KIT-S476I-m VVQSIDSSAF	254	189
>KIT-S476I-w LVVQSSIDSSA	602	>KIT-S476I-m LVVQSIDSSA	407	195
>KIT-S476I-w LVVQSSIDSSA	1020	>KIT-S476I-m LVVQSIDSSA	284	736
>KIT-S476I-w KLVVQSSI	559	>KIT-S476I-m KLVVQISI	128	431
>KIT-S476I-w KLVVQSSI	82	>KIT-S476I-m KLVVQISI	94	12
>KIT-S476I-w KLVVQSSI	27	>KIT-S476I-m KLVVQISI	60	33
>KIT-S476I-w KLVVQSSI	342	>KIT-S476I-m KLVVQISI	160	182
>KIT-S476I-w KLVVQSSI	70	>KIT-S476I-m KLVVQISI	27	43
>KIT-S476I-w KLVVQSSI	54	>KIT-S476I-m KLVVQISI	49	5
>KIT-S476I-w KLVVQSSI	212	>KIT-S476I-m KLVVQISI	99	113
>KIT-S476I-w KLVVQSSI	48	>KIT-S476I-m KLVVQISI	34	14
>KIT-S476I-w KLVVQSSI	154	>KIT-S476I-m KLVVQISI	109	45
>KIT-S476I-w GKLVVQSSI	150	>KIT-S476I-m GKLVVQISI	403	253
>KIT-S476I-w PFGKLVVQS	9895	>KIT-S476I-m PFGKLVVQI	303	9592
>KIT-S476I-w PPFGKLVVQS	20399	>KIT-S476I-m PPFGKLVVQI	41	20358
>KIT-S590N-r SFGKTLGAGA	17	>KIT-S590N-r NFGKTLGAG/	30	13

>KIT-S590N-\ LSGKTLGA	411	>KIT-S590N-r LNFGKTLGA	22726	22315
>KIT-S590N-\ LSGKTLGAG	459	>KIT-S590N-r LNFGKTLGAC	22986	22527
>KIT-S590N-\ RLSFGKTL	152	>KIT-S590N-r RLNFGKTL	330	178
>KIT-S590N-\ RLSFGKTLGA	167	>KIT-S590N-r RLNFGKTLGA	734	567
>KIT-S590N-\ RLSFGKTL	74	>KIT-S590N-r RLNFGKTL	50	24
>KIT-S590N-\ RLSFGKTLGA	123	>KIT-S590N-r RLNFGKTLGA	254	131
>KIT-S590N-\ RLSFGKTL	89	>KIT-S590N-r RLNFGKTL	36	53
>KIT-S590N-\ RLSFGKTLGA	339	>KIT-S590N-r RLNFGKTLGA	131	208
>KIT-S590N-\ RLSFGKTL	321	>KIT-S590N-r RLNFGKTL	223	98
>KIT-S590N-\ RLSFGKTL	396	>KIT-S590N-r RLNFGKTL	344	52
>KIT-S590N-\ RLSFGKTLGA	496	>KIT-S590N-r RLNFGKTLGA	450	46
>KIT-S590N-\ RLSFGKTL	20	>KIT-S590N-r RLNFGKTL	24	4
>KIT-S590N-\ RLSFGKTLGA	36	>KIT-S590N-r RLNFGKTLGA	44	8
>KIT-S590N-\ RLSFGKTL	136	>KIT-S590N-r RLNFGKTL	66	70
>KIT-S590N-\ NRLSGKTL	127	>KIT-S590N-r NRLNFGKTL	186	59
>KIT-S590N-\ NRLSGKTL	187	>KIT-S590N-r NRLNFGKTL	157	30
>KIT-S590N-\ NRLSGKTL	133	>KIT-S590N-r NRLNFGKTL	275	142
>KIT-S590N-\ NRLSGKTL	303	>KIT-S590N-r NRLNFGKTL	366	63
>KIT-S590N-\ NRLSGKTL	199	>KIT-S590N-r NRLNFGKTL	121	78
>KIT-S590N-\ RNRLSGK	6	>KIT-S590N-r RNRLNFGK	8	2
>KIT-S590N-\ RNRLSGKTL	134	>KIT-S590N-r RNRLNFGKTL	186	52
>KIT-S590N-\ RNRLSGKTL	438	>KIT-S590N-r RNRLNFGKTL	888	450
>KIT-S590N-\ PRNRLSGK	360	>KIT-S590N-r PRNRLNFGK	335	25
>KIT-S590N-\ FPRNRLSF	1070	>KIT-S590N-r FPRNRLNF	343	727
>KIT-S590N-\ FPRNRLSF	8	>KIT-S590N-r FPRNRLNF	12	4
>KIT-S590N-\ FPRNRLSGK	113	>KIT-S590N-r FPRNRLNFGK	149	36
>KIT-S590N-\ FPRNRLSF	20	>KIT-S590N-r FPRNRLNF	57	37
>KIT-S590N-\ FPRNRLSFG	148	>KIT-S590N-r FPRNRLNFG	215	67
>KIT-S590N-\ FPRNRLSF	24	>KIT-S590N-r FPRNRLNF	53	29
>KIT-S590N-\ FPRNRLSF	52	>KIT-S590N-r FPRNRLNF	144	92
>KIT-S590N-\ FPRNRLSF	237	>KIT-S590N-r FPRNRLNF	202	35
>KIT-S590N-\ FPRNRLSFG	145	>KIT-S590N-r FPRNRLNFG	44	101
>KIT-S590N-\ FPRNRLSGK	59	>KIT-S590N-r FPRNRLNFGK	67	8
>KIT-S590N-\ FPRNRLSGK	30	>KIT-S590N-r FPRNRLNFGK	21	9
>KIT-S590N-\ FPRNRLSF	164	>KIT-S590N-r FPRNRLNF	206	42
>KIT-S590N-\ EFPRNRLSF	657	>KIT-S590N-r EFPRNRLNF	219	438
>KIT-S590N-\ EFPRNRLSF	479	>KIT-S590N-r EFPRNRLNF	497	18
>KIT-S590N-\ EFPRNRLSF	14	>KIT-S590N-r EFPRNRLNF	18	4
>KIT-S590N-\ EFPRNRLSFG	524	>KIT-S590N-r EFPRNRLNFG	401	123
>KIT-S590N-\ EFPRNRLSF	348	>KIT-S590N-r EFPRNRLNF	599	251
>KIT-S590N-\ WEFPRNRLSF	117	>KIT-S590N-r WEFPRNRLN	248	131
>KIT-S590N-\ WEFPRNRLSF	337	>KIT-S590N-r WEFPRNRLN	368	31
>KIT-S590N-\ WEFPRNRLSF	147	>KIT-S590N-r WEFPRNRLN	739	592

>KIT-S590N-v WEFPRNRLSF	10	>KIT-S590N-r WEFPRNRLN	14	4
>KIT-S590N-v WEFPRNRLSF	493	>KIT-S590N-r WEFPRNRLN	872	379
>KIT-S590N-v WEFPRNRLSF	49	>KIT-S590N-r WEFPRNRLN	121	72
>KIT-S590N-v WEFPRNRLSF	498	>KIT-S590N-r WEFPRNRLN	680	182
>KIT-S590N-v KWEFPRNRLS	477	>KIT-S590N-r KWEFPRNRLI	214	263
>KIT-S590N-v KWEFPRNRLS	162	>KIT-S590N-r KWEFPRNRLI	207	45
>KIT-S590N-v KWEFPRNRLS	82	>KIT-S590N-r KWEFPRNRLI	210	128
>KIT-S639P-v SELKVLSY	122	>KIT-S639P-n PELKVLSY	3440	3318
>KIT-S639P-v SELKVLSYL	14	>KIT-S639P-n PELKVLSYL	98	84
>KIT-S639P-v SELKVLSYL	365	>KIT-S639P-n PELKVLSYL	12499	12134
>KIT-S639P-v SELKVLSY	102	>KIT-S639P-n PELKVLSY	2615	2513
>KIT-S639P-v SELKVLSY	361	>KIT-S639P-n PELKVLSY	1475	1114
>KIT-S639P-v SELKVLSY	22	>KIT-S639P-n PELKVLSY	64	42
>KIT-S639P-v SELKVLSYL	427	>KIT-S639P-n PELKVLSYL	1820	1393
>KIT-S639P-v SELKVLSYL	54	>KIT-S639P-n PELKVLSYL	712	658
>KIT-S639P-v SELKVLSYL	97	>KIT-S639P-n PELKVLSYL	2187	2090
>KIT-S639P-v SELKVLSY	171	>KIT-S639P-n PELKVLSY	1607	1436
>KIT-S639P-v SELKVLSY	54	>KIT-S639P-n PELKVLSY	435	381
>KIT-S639P-v SELKVLSYL	151	>KIT-S639P-n PELKVLSYL	1589	1438
>KIT-S639P-v SELKVLSYLG	270	>KIT-S639P-n PELKVLSYLG	6465	6195
>KIT-S639P-v SELKVLSYLG	276	>KIT-S639P-n PELKVLSYLG	7906	7630
>KIT-S639P-v SELKVLSYL	437	>KIT-S639P-n PELKVLSYL	14174	13737
>KIT-S639P-v SELKVLSYL	10	>KIT-S639P-n PELKVLSYL	71	61
>KIT-S639P-v MSELKVLSYL	26160	>KIT-S639P-n MPELKVLSYL	192	25968
>KIT-S639P-v MSELKVLSY	11	>KIT-S639P-n MPELKVLSY	11529	11518
>KIT-S639P-v MSELKVLSY	246	>KIT-S639P-n MPELKVLSY	1706	1460
>KIT-S639P-v MSELKVLSYL	17969	>KIT-S639P-n MPELKVLSYL	87	17882
>KIT-S639P-v MSELKVLSY	4	>KIT-S639P-n MPELKVLSY	5123	5119
>KIT-S639P-v MSELKVLSYL	32	>KIT-S639P-n MPELKVLSYL	19912	19880
>KIT-S639P-v MSELKVLSY	738	>KIT-S639P-n MPELKVLSY	12	726
>KIT-S639P-v MSELKVLSYL	28600	>KIT-S639P-n MPELKVLSYL	244	28356
>KIT-S639P-v MSELKVLSY	5571	>KIT-S639P-n MPELKVLSY	18	5553
>KIT-S639P-v MSELKVLSYL	14260	>KIT-S639P-n MPELKVLSYL	358	13902
>KIT-S639P-v MSELKVLS	27307	>KIT-S639P-n MPELKVLS	263	27044
>KIT-S639P-v MSELKVLSYL	21928	>KIT-S639P-n MPELKVLSYL	198	21730
>KIT-S639P-v MSELKVLSYL	21171	>KIT-S639P-n MPELKVLSYL	267	20904
>KIT-S639P-v MSELKVLSY	485	>KIT-S639P-n MPELKVLSY	5971	5486
>KIT-S639P-v MSELKVLSYL	106	>KIT-S639P-n MPELKVLSYL	15484	15378
>KIT-S639P-v MSELKVLSY	6596	>KIT-S639P-n MPELKVLSY	38	6558
>KIT-S639P-v MSELKVLSY	12586	>KIT-S639P-n MPELKVLSY	66	12520
>KIT-S639P-v LMSELKVLSY	472	>KIT-S639P-n LMPELKVLSY	1642	1170
>KIT-S639P-v LMSELKVL	384	>KIT-S639P-n LMPELKVL	992	608
>KIT-S639P-v LMSELKVLSY	22	>KIT-S639P-n LMPELKVLSY	41	19

>KIT-S639P-v LMSELKVL	28	>KIT-S639P-n LMPELKVL	267	239
>KIT-S639P-v LMSELKVLSYI	3	>KIT-S639P-n LMPELKVLSYI	11	8
>KIT-S639P-v LMSELKVL	53	>KIT-S639P-n LMPELKVL	173	120
>KIT-S639P-v LMSELKVLSYI	11	>KIT-S639P-n LMPELKVLSYI	22	11
>KIT-S639P-v LMSELKVLSYI	31	>KIT-S639P-n LMPELKVLSYI	31	0
>KIT-S639P-v LMSELKVL	19	>KIT-S639P-n LMPELKVL	17	2
>KIT-S639P-v LMSELKVLSYI	3	>KIT-S639P-n LMPELKVLSYI	3	0
>KIT-S639P-v LMSELKVL	53	>KIT-S639P-n LMPELKVL	146	93
>KIT-S639P-v LMSELKVLSYI	8	>KIT-S639P-n LMPELKVLSYI	16	8
>KIT-S639P-v LMSELKVL	116	>KIT-S639P-n LMPELKVL	142	26
>KIT-S639P-v LMSELKVLSYI	12	>KIT-S639P-n LMPELKVLSYI	12	0
>KIT-S639P-v LMSELKVL	104	>KIT-S639P-n LMPELKVL	814	710
>KIT-S639P-v LMSELKVLSYI	8	>KIT-S639P-n LMPELKVLSYI	30	22
>KIT-S639P-v LMSELKVL	6	>KIT-S639P-n LMPELKVL	9	3
>KIT-S639P-v LMSELKVLSYI	3	>KIT-S639P-n LMPELKVLSYI	3	0
>KIT-S639P-v LMSELKVLSYI	243	>KIT-S639P-n LMPELKVLSYI	543	300
>KIT-S639P-v LMSELKVLSYI	465	>KIT-S639P-n LMPELKVLSYI	1147	682
>KIT-S639P-v LMSELKVLSYI	131	>KIT-S639P-n LMPELKVLSYI	672	541
>KIT-S639P-v LMSELKVL	357	>KIT-S639P-n LMPELKVL	2520	2163
>KIT-S639P-v LMSELKVLSYI	44	>KIT-S639P-n LMPELKVLSYI	81	37
>KIT-S639P-v LMSELKVLSYI	435	>KIT-S639P-n LMPELKVLSYI	2723	2288
>KIT-S639P-v LMSELKVL	289	>KIT-S639P-n LMPELKVL	1801	1512
>KIT-S639P-v LMSELKVLSYI	30	>KIT-S639P-n LMPELKVLSYI	201	171
>KIT-S639P-v LMSELKVLSYI	347	>KIT-S639P-n LMPELKVLSYI	1814	1467
>KIT-S639P-v LMSELKVLSYI	349	>KIT-S639P-n LMPELKVLSYI	5222	4873
>KIT-S639P-v LMSELKVLSYI	4472	>KIT-S639P-n LMPELKVLSYI	21	4451
>KIT-S639P-v LMSELKVLSYI	254	>KIT-S639P-n LMPELKVLSYI	1384	1130
>KIT-S639P-v ALMSELKV	13	>KIT-S639P-n ALMPELKV	15	2
>KIT-S639P-v ALMSELKVL	93	>KIT-S639P-n ALMPELKVL	119	26
>KIT-S639P-v ALMSELKV	7	>KIT-S639P-n ALMPELKV	9	2
>KIT-S639P-v ALMSELKVL	16	>KIT-S639P-n ALMPELKVL	18	2
>KIT-S639P-v ALMSELKV	6	>KIT-S639P-n ALMPELKV	7	1
>KIT-S639P-v ALMSELKVL	18	>KIT-S639P-n ALMPELKVL	18	0
>KIT-S639P-v ALMSELKV	25	>KIT-S639P-n ALMPELKV	16	9
>KIT-S639P-v ALMSELKVL	476	>KIT-S639P-n ALMPELKVL	150	326
>KIT-S639P-v ALMSELKV	4	>KIT-S639P-n ALMPELKV	3	1
>KIT-S639P-v ALMSELKVL	41	>KIT-S639P-n ALMPELKVL	33	8
>KIT-S639P-v ALMSELKV	7	>KIT-S639P-n ALMPELKV	7	0
>KIT-S639P-v ALMSELKVL	31	>KIT-S639P-n ALMPELKVL	19	12
>KIT-S639P-v ALMSELKV	9	>KIT-S639P-n ALMPELKV	8	1
>KIT-S639P-v ALMSELKVL	539	>KIT-S639P-n ALMPELKVL	291	248
>KIT-S639P-v ALMSELKV	4	>KIT-S639P-n ALMPELKV	5	1
>KIT-S639P-v ALMSELKVL	39	>KIT-S639P-n ALMPELKVL	37	2

>KIT-S639P-v ALMSELKV	2	>KIT-S639P-n ALMPELKV	2	0
>KIT-S639P-v ALMSELKVL	10	>KIT-S639P-n ALMPELKVL	5	5
>KIT-S639P-v ALMSELKVLS	1320	>KIT-S639P-n ALMPELKVLS	480	840
>KIT-S639P-v ALMSELKVLS	293	>KIT-S639P-n ALMPELKVLS	323	30
>KIT-S639P-v ALMSELKVLS	306	>KIT-S639P-n ALMPELKVLS	294	12
>KIT-S639P-v ALMSELKVLS	200	>KIT-S639P-n ALMPELKVLS	517	317
>KIT-S639P-v ALMSELKVLS	125	>KIT-S639P-n ALMPELKVLS	90	35
>KIT-S639P-v ALMSELKVLS	115	>KIT-S639P-n ALMPELKVLS	168	53
>KIT-S639P-v ALMSELKVLS	74	>KIT-S639P-n ALMPELKVLS	96	22
>KIT-S639P-v ALMSELKVLS	48	>KIT-S639P-n ALMPELKVLS	46	2
>KIT-S639P-v ALMSELKVLS	439	>KIT-S639P-n ALMPELKVLS	449	10
>KIT-S639P-v ALMSELKVL	216	>KIT-S639P-n ALMPELKVL	459	243
>KIT-S639P-v ALMSELKVLS	25	>KIT-S639P-n ALMPELKVLS	34	9
>KIT-S639P-v ALMSELKVLS	270	>KIT-S639P-n ALMPELKVLS	46	224
>KIT-S639P-v EALMSELK	22	>KIT-S639P-n EALMPELK	55	33
>KIT-S639P-v EALMSELKV	192	>KIT-S639P-n EALMPELKV	47	145
>KIT-S639P-v REALMSELKV	131	>KIT-S639P-n REALMPELKV	753	622
>KIT-S639P-v REALMSELKV	58	>KIT-S639P-n REALMPELKV	125	67
>KIT-S639P-v REALMSEL	16	>KIT-S639P-n REALMPEL	17	1
>KIT-S639P-v REALMSELKV	30	>KIT-S639P-n REALMPELKV	41	11
>KIT-S639P-v REALMSEL	25	>KIT-S639P-n REALMPEL	26	1
>KIT-S639P-v REALMSELKV	131	>KIT-S639P-n REALMPELKV	155	24
>KIT-S639P-v REALMSELKV	74	>KIT-S639P-n REALMPELKV	89	15
>KIT-S639P-v REALMSELKV	425	>KIT-S639P-n REALMPELKV	386	39
>KIT-S639P-v REALMSEL	279	>KIT-S639P-n REALMPEL	263	16
>KIT-S639P-v REALMSELK	146	>KIT-S639P-n REALMPELK	200	54
>KIT-S639P-v REALMSELKV	41	>KIT-S639P-n REALMPELKV	51	10
>KIT-S639P-v REALMSELKV	10	>KIT-S639P-n REALMPELKV	14	4
>KIT-S639P-v REALMSEL	382	>KIT-S639P-n REALMPEL	170	212
>KIT-S639P-v EREALMSEL	141	>KIT-S639P-n EREALMPEL	185	44
>KIT-S639P-v EREALMSEL	257	>KIT-S639P-n EREALMPEL	251	6
>KIT-S639P-v EREALMSEL	156	>KIT-S639P-n EREALMPEL	198	42
>KIT-S639P-v TEREALMS	104	>KIT-S639P-n TEREALMP	125	21
>KIT-S639P-v TEREALMSEL	127	>KIT-S639P-n TEREALMPEL	244	117
>KIT-S639P-v TEREALMSE	177	>KIT-S639P-n TEREALMPE	93	84
>KIT-S639P-v TEREALMSEL	267	>KIT-S639P-n TEREALMPEL	276	9
>KIT-S639P-v TEREALMSEL	45	>KIT-S639P-n TEREALMPEL	49	4
>KIT-S639P-v LTEREALMSE	35	>KIT-S639P-n LTEREALMPE	47	12
>KIT-S639P-v LTEREALMSE	743	>KIT-S639P-n LTEREALMPE	473	270
>KIT-S639P-v LTEREALMSE	39	>KIT-S639P-n LTEREALMPE	398	359
>KIT-S709F-v HSKESSCS	435	>KIT-S709F-n HFKESSCS	1415	980
>KIT-S709F-v HSKESSCSD	276	>KIT-S709F-n HFKESSCSD	601	325
>KIT-S709F-v EAALYKNLLH	21327	>KIT-S709F-n EAALYKNLLH	261	21066

>KIT-S709F-v LLHKSCESS	45	>KIT-S709F-n LLHFKESSC	180	135
>KIT-S709F-v LYKNLLHS	17622	>KIT-S709F-n LYKNLLHF	24	17598
>KIT-S709F-v LYKNLLHSK	656	>KIT-S709F-n LYKNLLHFK	496	160
>KIT-S709F-v LYKNLLHS	10576	>KIT-S709F-n LYKNLLHF	86	10490
>KIT-S709F-v LYKNLLHS	3334	>KIT-S709F-n LYKNLLHF	6	3328
>KIT-S709F-v LYKNLLHSK	11	>KIT-S709F-n LYKNLLHFK	6	5
>KIT-S709F-v LYKNLLHSK	45	>KIT-S709F-n LYKNLLHFK	10	35
>KIT-S709F-v LYKNLLHSK	551	>KIT-S709F-n LYKNLLHFK	96	455
>KIT-S709F-v LYKNLLHS	23658	>KIT-S709F-n LYKNLLHF	478	23180
>KIT-S709F-v LYKNLLHSK	825	>KIT-S709F-n LYKNLLHFK	190	635
>KIT-S709F-v LYKNLLHS	6293	>KIT-S709F-n LYKNLLHF	328	5965
>KIT-S709F-v ALYKNLLHS	275	>KIT-S709F-n ALYKNLLHF	218	57
>KIT-S709F-v ALYKNLLHSK	388	>KIT-S709F-n ALYKNLLHFK	245	143
>KIT-S709F-v ALYKNLLHS	229	>KIT-S709F-n ALYKNLLHF	537	308
>KIT-S709F-v ALYKNLLHSK	54	>KIT-S709F-n ALYKNLLHFK	79	25
>KIT-S709F-v ALYKNLLHSK	15	>KIT-S709F-n ALYKNLLHFK	10	5
>KIT-S709F-v ALYKNLLHSK	27	>KIT-S709F-n ALYKNLLHFK	14	13
>KIT-S709F-v ALYKNLLHS	28648	>KIT-S709F-n ALYKNLLHF	196	28452
>KIT-S709F-v ALYKNLLHS	22124	>KIT-S709F-n ALYKNLLHF	349	21775
>KIT-S709F-v ALYKNLLHS	25996	>KIT-S709F-n ALYKNLLHF	419	25577
>KIT-S709F-v ALYKNLLHS	13121	>KIT-S709F-n ALYKNLLHF	346	12775
>KIT-S709F-v ALYKNLLHSK	83	>KIT-S709F-n ALYKNLLHFK	31	52
>KIT-S709F-v ALYKNLLHSK	299	>KIT-S709F-n ALYKNLLHFK	52	247
>KIT-S709F-v ALYKNLLHS	23675	>KIT-S709F-n ALYKNLLHF	359	23316
>KIT-S709F-v ALYKNLLHS	5457	>KIT-S709F-n ALYKNLLHF	27	5430
>KIT-S709F-v ALYKNLLHS	6439	>KIT-S709F-n ALYKNLLHF	10	6429
>KIT-S709F-v ALYKNLLHS	20155	>KIT-S709F-n ALYKNLLHF	51	20104
>KIT-S709F-v ALYKNLLHSK	1888	>KIT-S709F-n ALYKNLLHFK	410	1478
>KIT-S709F-v ALYKNLLHSK	424	>KIT-S709F-n ALYKNLLHFK	321	103
>KIT-S709F-v AALYKNLLHS	1346	>KIT-S709F-n AALYKNLLHF	407	939
>KIT-S709F-v AALYKNLLHS	42	>KIT-S709F-n AALYKNLLHF	18	24
>KIT-S709F-v AALYKNLLHS	38	>KIT-S709F-n AALYKNLLHF	17	21
>KIT-S709F-v AALYKNLLHS	924	>KIT-S709F-n AALYKNLLHF	147	777
>KIT-S709F-v AALYKNLLHS	17487	>KIT-S709F-n AALYKNLLHF	466	17021
>KIT-S709F-v AALYKNLLHS	14282	>KIT-S709F-n AALYKNLLHF	62	14220
>KIT-S709F-v AALYKNLLHS	11754	>KIT-S709F-n AALYKNLLHF	8	11746
>KIT-S709F-v AALYKNLLHS	21273	>KIT-S709F-n AALYKNLLHF	498	20775
>KIT-S709F-v AALYKNLLHS	217	>KIT-S709F-n AALYKNLLHF	182	35
>KIT-S854P-v SYGIFLWEL	318	>KIT-S854P-n PYGIFLWEL	6252	5934
>KIT-S854P-v SYGIFLWEL	275	>KIT-S854P-n PYGIFLWEL	113	162
>KIT-S854P-v SYGIFLWELF	41	>KIT-S854P-n PYGIFLWELF	57	16
>KIT-S854P-v SYGIFLWEL	126	>KIT-S854P-n PYGIFLWEL	285	159
>KIT-S854P-v SYGIFLWELF	162	>KIT-S854P-n PYGIFLWELF	315	153

>KIT-S854P-v SYGIFLWEL	6	>KIT-S854P-n PYGIFLWEL	20	14
>KIT-S854P-v SYGIFLWELF	8	>KIT-S854P-n PYGIFLWELF	39	31
>KIT-S854P-v SYGIFLWELF	286	>KIT-S854P-n PYGIFLWELF	714	428
>KIT-S854P-v SYGIFLWEL	65	>KIT-S854P-n PYGIFLWEL	281	216
>KIT-S854P-v SYGIFLWELF	18	>KIT-S854P-n PYGIFLWELF	79	61
>KIT-S854P-v SYGIFLWEL	152	>KIT-S854P-n PYGIFLWEL	2726	2574
>KIT-S854P-v SYGIFLWELF	375	>KIT-S854P-n PYGIFLWELF	3592	3217
>KIT-S854P-v WSYGIFLWEL	153	>KIT-S854P-n WPYGIFLWEL	4454	4301
>KIT-S854P-v WSYGIFLWEL	31037	>KIT-S854P-n WPYGIFLWEL	426	30611
>KIT-S854P-v WSYGIFLWEL	286	>KIT-S854P-n WPYGIFLWEL	3141	2855
>KIT-S854P-v WSYGIFLWEL	114	>KIT-S854P-n WPYGIFLWEL	1599	1485
>KIT-S854P-v WSYGIFLWEL	62	>KIT-S854P-n WPYGIFLWEL	254	192
>KIT-S854P-v WSYGIFLWEL	104	>KIT-S854P-n WPYGIFLWEL	1077	973
>KIT-S854P-v WSYGIFLWEL	159	>KIT-S854P-n WPYGIFLWEL	495	336
>KIT-S854P-v WSYGIFLWEL	101	>KIT-S854P-n WPYGIFLWEL	535	434
>KIT-S854P-v WSYGIFLWEL	123	>KIT-S854P-n WPYGIFLWEL	5086	4963
>KIT-S854P-v WSYGIFLWEL	80	>KIT-S854P-n WPYGIFLWEL	143	63
>KIT-S854P-v WSYGIFLWEL	216	>KIT-S854P-n WPYGIFLWEL	10588	10372
>KIT-S854P-v WSYGIFLWEL	66	>KIT-S854P-n WPYGIFLWEL	611	545
>KIT-S854P-v WSYGIFLW	4	>KIT-S854P-n WPYGIFLW	1075	1071
>KIT-S854P-v WSYGIFLWEL	23	>KIT-S854P-n WPYGIFLWEL	15980	15957
>KIT-S854P-v WSYGIFLWEL	8	>KIT-S854P-n WPYGIFLWEL	11358	11350
>KIT-S854P-v WSYGIFLW	3659	>KIT-S854P-n WPYGIFLW	63	3596
>KIT-S854P-v WSYGIFLWEL	256	>KIT-S854P-n WPYGIFLWEL	11	245
>KIT-S854P-v WSYGIFLWEL	577	>KIT-S854P-n WPYGIFLWEL	47	530
>KIT-S854P-v WSYGIFLW	97	>KIT-S854P-n WPYGIFLW	7	90
>KIT-S854P-v WSYGIFLWEL	2423	>KIT-S854P-n WPYGIFLWEL	20	2403
>KIT-S854P-v WSYGIFLW	11623	>KIT-S854P-n WPYGIFLW	24	11599
>KIT-S854P-v WSYGIFLWE	14321	>KIT-S854P-n WPYGIFLWE	245	14076
>KIT-S854P-v WSYGIFLWEL	23171	>KIT-S854P-n WPYGIFLWEL	327	22844
>KIT-S854P-v WSYGIFLW	32	>KIT-S854P-n WPYGIFLW	2790	2758
>KIT-S854P-v WSYGIFLWEL	178	>KIT-S854P-n WPYGIFLWEL	17380	17202
>KIT-S854P-v WSYGIFLW	9	>KIT-S854P-n WPYGIFLW	1277	1268
>KIT-S854P-v WSYGIFLWEL	429	>KIT-S854P-n WPYGIFLWEL	20493	20064
>KIT-S854P-v WSYGIFLWEL	44	>KIT-S854P-n WPYGIFLWEL	17063	17019
>KIT-S854P-v WSYGIFLWEL	304	>KIT-S854P-n WPYGIFLWEL	5627	5323
>KIT-S854P-v WSYGIFLWEL	387	>KIT-S854P-n WPYGIFLWEL	6321	5934
>KIT-S854P-v WSYGIFLW	137	>KIT-S854P-n WPYGIFLW	5524	5387
>KIT-S854P-v WSYGIFLWE	288	>KIT-S854P-n WPYGIFLWE	5629	5341
>KIT-S854P-v WSYGIFLWEL	69	>KIT-S854P-n WPYGIFLWEL	10581	10512
>KIT-S854P-v WSYGIFLWEL	5	>KIT-S854P-n WPYGIFLWEL	37	32
>KIT-S854P-v WSYGIFLW	25	>KIT-S854P-n WPYGIFLW	3	22
>KIT-S854P-v WSYGIFLWEL	4185	>KIT-S854P-n WPYGIFLWEL	25	4160

>KIT-S854P-v WSYGIFLWEI	1731	>KIT-S854P-n WPYGIFLWEI	12	1719
>KIT-S854P-v WSYGIFLW	43	>KIT-S854P-n WPYGIFLW	34	9
>KIT-S854P-v VWSYGIFLWI	187	>KIT-S854P-n VWPYGIFLWI	1115	928
>KIT-S854P-v VWSYGIFLWI	441	>KIT-S854P-n VWPYGIFLWI	514	73
>KIT-S854P-v VWSYGIFLW	200	>KIT-S854P-n VWPYGIFLW	162	38
>KIT-S854P-v VWSYGIFLWI	309	>KIT-S854P-n VWPYGIFLWI	238	71
>KIT-S854P-v VWSYGIFL	1136	>KIT-S854P-n VWPYGIFL	460	676
>KIT-S854P-v VWSYGIFLW	103	>KIT-S854P-n VWPYGIFLW	48	55
>KIT-S854P-v VWSYGIFLWI	421	>KIT-S854P-n VWPYGIFLWI	164	257
>KIT-S854P-v VWSYGIFL	406	>KIT-S854P-n VWPYGIFL	59	347
>KIT-S854P-v VWSYGIFLW	266	>KIT-S854P-n VWPYGIFLW	44	222
>KIT-S854P-v VWSYGIFLWI	60	>KIT-S854P-n VWPYGIFLWI	14	46
>KIT-S854P-v VWSYGIFLW	196	>KIT-S854P-n VWPYGIFLW	10776	10580
>KIT-S854P-v VWSYGIFL	6820	>KIT-S854P-n VWPYGIFL	122	6698
>KIT-S854P-v VWSYGIFLW	16346	>KIT-S854P-n VWPYGIFLW	291	16055
>KIT-S854P-v VWSYGIFLWI	9391	>KIT-S854P-n VWPYGIFLWI	69	9322
>KIT-S854P-v VWSYGIFLW	295	>KIT-S854P-n VWPYGIFLW	2918	2623
>KIT-S854P-v VWSYGIFLWI	460	>KIT-S854P-n VWPYGIFLWI	366	94
>KIT-S854P-v VWSYGIFL	53	>KIT-S854P-n VWPYGIFL	72	19
>KIT-S854P-v VWSYGIFLW	207	>KIT-S854P-n VWPYGIFLW	298	91
>KIT-S854P-v VWSYGIFLWI	71	>KIT-S854P-n VWPYGIFLWI	98	27
>KIT-S854P-v DVWSYGIF	230	>KIT-S854P-n DVWPYGIF	485	255
>KIT-S854P-v DVWSYGIFL	452	>KIT-S854P-n DVWPYGIFL	256	196
>KIT-S854P-v DVWSYGIFL	15	>KIT-S854P-n DVWPYGIFL	19	4
>KIT-S854P-v DVWSYGIFLV	1776	>KIT-S854P-n DVWPYGIFLV	435	1341
>KIT-S854P-v DVWSYGIF	167	>KIT-S854P-n DVWPYGIF	167	0
>KIT-S854P-v DVWSYGIFLV	1753	>KIT-S854P-n DVWPYGIFLV	490	1263
>KIT-S854P-v SDVWSYGIF	823	>KIT-S854P-n SDVWPYGIF	378	445
>KIT-S854P-v SDVWSYGI	77	>KIT-S854P-n SDVWPYGI	126	49
>KIT-S854P-v SDVWSYGI	92	>KIT-S854P-n SDVWPYGI	244	152
>KIT-S854P-v ESDVWSYGIF	274	>KIT-S854P-n ESDVWPYGIF	866	592
>KIT-S854P-v ESDVWSYGIF	463	>KIT-S854P-n ESDVWPYGIF	411	52
>KIT-S854P-v ESDVWSYGI	161	>KIT-S854P-n ESDVWPYGI	387	226
>KIT-S854P-v ESDVWSYGI	12	>KIT-S854P-n ESDVWPYGI	16	4
>KIT-S854P-v ESDVWSYGIF	37	>KIT-S854P-n ESDVWPYGIF	47	10
>KIT-S854P-v ESDVWSYGIF	282	>KIT-S854P-n ESDVWPYGIF	844	562
>KIT-S854P-v FESDVWSYGI	12	>KIT-S854P-n FESDVWPYGI	27	15
>KIT-S854P-v FESDVWSYGI	261	>KIT-S854P-n FESDVWPYGI	936	675
>KIT-S854P-v FESDVWSYGI	331	>KIT-S854P-n FESDVWPYGI	385	54
>KIT-S854P-v FESDVWSYGI	455	>KIT-S854P-n FESDVWPYGI	274	181
>KIT-S854P-v FESDVWSY	232	>KIT-S854P-n FESDVWPY	141	91
>KIT-S854P-v FESDVWSY	275	>KIT-S854P-n FESDVWPY	219	56
>KIT-S854P-v FESDVWSY	292	>KIT-S854P-n FESDVWPY	325	33



>KIT-S854P-v FESDVWSYGI	193	>KIT-S854P-n FESDVWPYGI	380	187
>KIT-S854P-v FESDVWSY	9	>KIT-S854P-n FESDVWPY	7	2
>KIT-S854P-v FESDVWSYGI	35	>KIT-S854P-n FESDVWPYGI	38	3
>KIT-S854P-v FESDVWSY	430	>KIT-S854P-n FESDVWPY	115	315
>KIT-S854P-v FESDVWSYGI	21	>KIT-S854P-n FESDVWPYGI	22	1
>KIT-S854P-v FESDVWSYGI	137	>KIT-S854P-n FESDVWPYGI	151	14
>KIT-S854P-v FESDVWSYGI	370	>KIT-S854P-n FESDVWPYGI	411	41
>KIT-S854P-v FESDVWSY	197	>KIT-S854P-n FESDVWPY	315	118
>KIT-S854P-v FESDVWSY	78	>KIT-S854P-n FESDVWPY	88	10
>KIT-S854P-v FESDVWSYGI	150	>KIT-S854P-n FESDVWPYGI	203	53
>KIT-S854P-v FESDVWSYG	997	>KIT-S854P-n FESDVWPYG	415	582
>KIT-S854P-v FESDVWSYGI	12	>KIT-S854P-n FESDVWPYGI	7	5
>KIT-S854P-v FESDVWSYGI	72	>KIT-S854P-n FESDVWPYGI	69	3
>KIT-S854P-v TFESDVWSYCI	397	>KIT-S854P-n TFESDVWPYCI	276	121
>KIT-S854P-v TFESDVWSY	67	>KIT-S854P-n TFESDVWPY	43	24
>KIT-S854P-v TFESDVWSY	66	>KIT-S854P-n TFESDVWPY	202	136
>KIT-S854P-v TFESDVWSY	380	>KIT-S854P-n TFESDVWPY	298	82
>KIT-S854P-v TFESDVWSY	1754	>KIT-S854P-n TFESDVWPY	356	1398
>KIT-S854P-v TFESDVWSY	76	>KIT-S854P-n TFESDVWPY	134	58
>KIT-S854P-v YTFESDVWSY	67	>KIT-S854P-n YTFESDVWPY	59	8
>KIT-S854P-v YTFESDVWSY	333	>KIT-S854P-n YTFESDVWPY	177	156
>KIT-S854P-v YTFESDVWSY	326	>KIT-S854P-n YTFESDVWPY	290	36
>KIT-S854P-v YTFESDVWSY	244	>KIT-S854P-n YTFESDVWPY	151	93
>KIT-S854P-v YTFESDVWSY	20	>KIT-S854P-n YTFESDVWPY	60	40
>KIT-S854P-v YTFESDVWSY	234	>KIT-S854P-n YTFESDVWPY	279	45
>KIT-S854P-v YTFESDVWSY	27	>KIT-S854P-n YTFESDVWPY	18	9
>KIT-S854P-v YTFESDVWSY	49	>KIT-S854P-n YTFESDVWPY	40	9
>KIT-S854P-v YTFESDVWSY	25	>KIT-S854P-n YTFESDVWPY	19	6
>KIT-S854P-v YTFESDVWSY	38	>KIT-S854P-n YTFESDVWPY	49	11
>KIT-S854P-v YTFESDVWSY	397	>KIT-S854P-n YTFESDVWPY	409	12
>KIT-S854P-v YTFESDVWS	224	>KIT-S854P-n YTFESDVWP	957	733
>KIT-S854P-v YTFESDVWSY	91	>KIT-S854P-n YTFESDVWPY	48	43
>KIT-S854P-v YTFESDVWS	173	>KIT-S854P-n YTFESDVWP	4634	4461
>KIT-S854P-v YTFESDVWSY	273	>KIT-S854P-n YTFESDVWPY	1059	786
>KIT-S854P-v YTFESDVWSY	49	>KIT-S854P-n YTFESDVWPY	49	0
>KIT-S854P-v YTFESDVWSY	48	>KIT-S854P-n YTFESDVWPY	45	3
>KIT-S854P-v YTFESDVWSY	108	>KIT-S854P-n YTFESDVWPY	70	38
>KIT-S854P-v YTFESDVWSY	13	>KIT-S854P-n YTFESDVWPY	13	0
>KIT-S854P-v YTFESDVWS	206	>KIT-S854P-n YTFESDVWP	1523	1317
>KIT-S854P-v YTFESDVWSY	3	>KIT-S854P-n YTFESDVWPY	3	0
>KIT-S854P-v YTFESDVWSY	332	>KIT-S854P-n YTFESDVWPY	150	182
>KIT-S854P-v YTFESDVWSY	104	>KIT-S854P-n YTFESDVWPY	115	11
>KIT-S854P-v YTFESDVWSY	79	>KIT-S854P-n YTFESDVWPY	150	71

>KIT-S854P-v YTFESDVWSY	34	>KIT-S854P-n YTFESDVWPy	73	39
>KIT-S854P-v YTFESDVWSY	323	>KIT-S854P-n YTFESDVWPy	3018	2695
>KIT-S854P-v YTFESDVWSY	55	>KIT-S854P-n YTFESDVWPy	41	14
>KIT-S854P-v VYTFESDVWf	271	>KIT-S854P-n VYTFESDVWf	689	418
>KIT-S854P-v VYTFESDVWf	79	>KIT-S854P-n VYTFESDVWf	62	17
>KIT-S854P-v VYTFESDVWf	28	>KIT-S854P-n VYTFESDVWf	57	29
>KIT-S854P-v VYTFESDVWf	49	>KIT-S854P-n VYTFESDVWf	47	2
>KIT-S854P-v VYTFESDVWf	114	>KIT-S854P-n VYTFESDVWf	177	63
>KIT-S864F-v SLGSSPYPGM	816	>KIT-S864F-n FLGSSPYPGM	114	702
>KIT-S864F-v SLGSSPYPG	4757	>KIT-S864F-n FLGSSPYPG	264	4493
>KIT-S864F-v SLGSSPYPG	2011	>KIT-S864F-n FLGSSPYPG	81	1930
>KIT-S864F-v SLGSSPYPGM	82	>KIT-S864F-n FLGSSPYPGM	22	60
>KIT-S864F-v SLGSSPYPGM	426	>KIT-S864F-n FLGSSPYPGM	119	307
>KIT-S864F-v SLGSSPYPGM	2485	>KIT-S864F-n FLGSSPYPGM	332	2153
>KIT-S864F-v SLGSSPYPG	1795	>KIT-S864F-n FLGSSPYPG	246	1549
>KIT-S864F-v SLGSSPYPG	934	>KIT-S864F-n FLGSSPYPG	116	818
>KIT-S864F-v SLGSSPYPGM	26	>KIT-S864F-n FLGSSPYPGM	6	20
>KIT-S864F-v SLGSSPYPG	1999	>KIT-S864F-n FLGSSPYPG	283	1716
>KIT-S864F-v SLGSSPYPGM	237	>KIT-S864F-n FLGSSPYPGM	24	213
>KIT-S864F-v SLGSSPYPGM	59	>KIT-S864F-n FLGSSPYPGM	23	36
>KIT-S864F-v SLGSSPYPGM	241	>KIT-S864F-n FLGSSPYPGM	12	229
>KIT-S864F-v SLGSSPYPGM	72	>KIT-S864F-n FLGSSPYPGM	7	65
>KIT-S864F-v SLGSSPYPGM	999	>KIT-S864F-n FLGSSPYPGM	317	682
>KIT-S864F-v SLGSSPYPGM	869	>KIT-S864F-n FLGSSPYPGM	471	398
>KIT-S864F-v SLGSSPYPGM	1575	>KIT-S864F-n FLGSSPYPGM	448	1127
>KIT-S864F-v FSLGSSPYPGI	332	>KIT-S864F-n FFLGSSPYPGI	1695	1363
>KIT-S864F-v FSLGSSPYPGI	180	>KIT-S864F-n FFLGSSPYPGI	1047	867
>KIT-S864F-v FSLGSSPYPGI	15180	>KIT-S864F-n FFLGSSPYPGI	226	14954
>KIT-S864F-v FSLGSSPY	148	>KIT-S864F-n FFLGSSPY	2676	2528
>KIT-S864F-v FSLGSSPYPGI	324	>KIT-S864F-n FFLGSSPYPGI	6144	5820
>KIT-S864F-v FSLGSSPY	492	>KIT-S864F-n FFLGSSPY	2542	2050
>KIT-S864F-v FSLGSSPY	27	>KIT-S864F-n FFLGSSPY	8	19
>KIT-S864F-v FSLGSSPYPGI	5260	>KIT-S864F-n FFLGSSPYPGI	439	4821
>KIT-S864F-v FSLGSSPY	320	>KIT-S864F-n FFLGSSPY	1265	945
>KIT-S864F-v FSLGSSPYPGI	42	>KIT-S864F-n FFLGSSPYPGI	1050	1008
>KIT-S864F-v FSLGSSPY	45	>KIT-S864F-n FFLGSSPY	183	138
>KIT-S864F-v FSLGSSPY	49	>KIT-S864F-n FFLGSSPY	15	34
>KIT-S864F-v FSLGSSPY	15	>KIT-S864F-n FFLGSSPY	329	314
>KIT-S864F-v FSLGSSPYPGI	221	>KIT-S864F-n FFLGSSPYPGI	2831	2610
>KIT-S864F-v FSLGSSPY	3	>KIT-S864F-n FFLGSSPY	7374	7371
>KIT-S864F-v FSLGSSPYPGI	7	>KIT-S864F-n FFLGSSPYPGI	17354	17347
>KIT-S864F-v FSLGSSPY	17	>KIT-S864F-n FFLGSSPY	24	7
>KIT-S864F-v FSLGSSPYPGI	433	>KIT-S864F-n FFLGSSPYPGI	730	297

>KIT-S864F-v FSLGSSPY	468	>KIT-S864F-n FFLGSSPY	14542	14074
>KIT-S864F-v FSLGSSPYPGI	299	>KIT-S864F-n FFLGSSPYPGI	14656	14357
>KIT-S864F-v FSLGSSPY	118	>KIT-S864F-n FFLGSSPY	12210	12092
>KIT-S864F-v FSLGSSPYPGI	129	>KIT-S864F-n FFLGSSPYPGI	3975	3846
>KIT-S864F-v SYGIFLWELFS	21843	>KIT-S864F-n SYGIFLWELFF	63	21780
>KIT-S864F-v SYGIFLWELFS	7437	>KIT-S864F-n SYGIFLWELFF	32	7405
>KIT-S864F-v SYGIFLWELFS	1227	>KIT-S864F-n SYGIFLWELFF	7	1220
>KIT-S864F-v SYGIFLWELFS	9083	>KIT-S864F-n SYGIFLWELFF	247	8836
>KIT-S864F-v SYGIFLWELFS	10400	>KIT-S864F-n SYGIFLWELFF	279	10121
>KIT-S864F-v SYGIFLWELFS	1793	>KIT-S864F-n SYGIFLWELFF	117	1676
>KIT-S864F-v LFLSLGSSPY	18	>KIT-S864F-n LFFLGSSPY	9	9
>KIT-S864F-v LFLSLGSSPY	227	>KIT-S864F-n LFFLGSSPY	202	25
>KIT-S864F-v LFLSLGSSPY	103	>KIT-S864F-n LFFLGSSPY	66	37
>KIT-S864F-v LFLSLGSSPY	68	>KIT-S864F-n LFFLGSSPY	22	46
>KIT-S864F-v LFLSLGSSPY	1679	>KIT-S864F-n LFFLGSSPY	208	1471
>KIT-S864F-v LFLSLGSSPY	32	>KIT-S864F-n LFFLGSSPY	33	1
>KIT-S864F-v LFLSLGSSPY	226	>KIT-S864F-n LFFLGSSPY	57	169
>KIT-S864F-v ELFLSLGSSPY	296	>KIT-S864F-n ELFFLGSSPY	123	173
>KIT-S864F-v ELFLSLGSSPY	143	>KIT-S864F-n ELFFLGSSPY	182	39
>KIT-S864F-v ELFLSLGSSPY	110	>KIT-S864F-n ELFFLGSSPY	612	502
>KIT-S864F-v ELFLSLGSSPY	180	>KIT-S864F-n ELFFLGSSPY	110	70
>KIT-S864F-v ELFLSLGSSPY	367	>KIT-S864F-n ELFFLGSSPY	171	196
>KIT-S864F-v ELFLSLGSSPY	203	>KIT-S864F-n ELFFLGSSPY	112	91
>KIT-S864F-v ELFLSLGSSPY	37	>KIT-S864F-n ELFFLGSSPY	46	9
>KIT-S864F-v ELFLSLGSSPY	15	>KIT-S864F-n ELFFLGSSPY	22	7
>KIT-S864F-v ELFLSLGSSPY	17	>KIT-S864F-n ELFFLGSSPY	57	40
>KIT-S864F-v WELFSLGSSP	363	>KIT-S864F-n WELFFLGSSP	264	99
>KIT-S864F-v WELFSLGSSP	623	>KIT-S864F-n WELFFLGSSP	290	333
>KIT-S864F-v WELFSLGSSP	152	>KIT-S864F-n WELFFLGSSP	268	116
>KIT-S864F-v WELFSLGSSP	132	>KIT-S864F-n WELFFLGSSP	149	17
>KIT-S864F-v WELFSLGSSP	83	>KIT-S864F-n WELFFLGSSP	98	15
>KIT-S864F-v WELFSLGS	422	>KIT-S864F-n WELFFLGS	87	335
>KIT-S864F-v WELFSLGSS	247	>KIT-S864F-n WELFFLGSS	40	207
>KIT-S864F-v WELFSLGSSP	5	>KIT-S864F-n WELFFLGSSP	4	1
>KIT-S864F-v WELFSLGSSP	213	>KIT-S864F-n WELFFLGSSP	212	1
>KIT-S864F-v WELFSLGS	563	>KIT-S864F-n WELFFLGS	171	392
>KIT-S864F-v WELFSLGSS	638	>KIT-S864F-n WELFFLGSS	176	462
>KIT-S864F-v WELFSLGSSP	714	>KIT-S864F-n WELFFLGSSP	317	397
>KIT-S864F-v WELFSLGSSP	260	>KIT-S864F-n WELFFLGSSP	161	99
>KIT-S864F-v WELFSLGSS	290	>KIT-S864F-n WELFFLGSS	129	161
>KIT-S864F-v WELFSLGSSP	282	>KIT-S864F-n WELFFLGSSP	164	118
>KIT-S864F-v LWELFSLG	408	>KIT-S864F-n LWELFFLG	312	96
>KIT-S864F-v LWELFSLGS	789	>KIT-S864F-n LWELFFLGS	462	327

>KIT-S864F-v LWELFSLGSSI	340	>KIT-S864F-n LWELFFLGSSI	259	81
>KIT-S864F-v FLWELFSL	6	>KIT-S864F-n FLWELFFL	6	0
>KIT-S864F-v FLWELFSLG	106	>KIT-S864F-n FLWELFFLG	21	85
>KIT-S864F-v FLWELFSLGS	79	>KIT-S864F-n FLWELFFLGS	46	33
>KIT-S864F-v FLWELFSLGS!	46	>KIT-S864F-n FLWELFFLGS!	26	20
>KIT-S864F-v FLWELFSL	3	>KIT-S864F-n FLWELFFL	2	1
>KIT-S864F-v FLWELFSLG	38	>KIT-S864F-n FLWELFFLG	18	20
>KIT-S864F-v FLWELFSLGS	204	>KIT-S864F-n FLWELFFLGS	133	71
>KIT-S864F-v FLWELFSLGS!	79	>KIT-S864F-n FLWELFFLGS!	51	28
>KIT-S864F-v FLWELFSL	6	>KIT-S864F-n FLWELFFL	9	3
>KIT-S864F-v FLWELFSLG	243	>KIT-S864F-n FLWELFFLG	926	683
>KIT-S864F-v FLWELFSLGS	221	>KIT-S864F-n FLWELFFLGS	198	23
>KIT-S864F-v FLWELFSLGS!	45	>KIT-S864F-n FLWELFFLGS!	81	36
>KIT-S864F-v FLWELFSL	4	>KIT-S864F-n FLWELFFL	3	1
>KIT-S864F-v FLWELFSLG	154	>KIT-S864F-n FLWELFFLG	37	117
>KIT-S864F-v FLWELFSLGS	165	>KIT-S864F-n FLWELFFLGS	100	65
>KIT-S864F-v FLWELFSLGS!	72	>KIT-S864F-n FLWELFFLGS!	55	17
>KIT-S864F-v FLWELFSL	1	>KIT-S864F-n FLWELFFL	1	0
>KIT-S864F-v FLWELFSLG	12	>KIT-S864F-n FLWELFFLG	5	7
>KIT-S864F-v FLWELFSLGS	6	>KIT-S864F-n FLWELFFLGS	5	1
>KIT-S864F-v FLWELFSLGS!	9	>KIT-S864F-n FLWELFFLGS!	5	4
>KIT-S864F-v FLWELFSL	2	>KIT-S864F-n FLWELFFL	2	0
>KIT-S864F-v FLWELFSLG	443	>KIT-S864F-n FLWELFFLG	59	384
>KIT-S864F-v FLWELFSLGS	110	>KIT-S864F-n FLWELFFLGS	82	28
>KIT-S864F-v FLWELFSLGS!	248	>KIT-S864F-n FLWELFFLGS!	133	115
>KIT-S864F-v FLWELFSL	3	>KIT-S864F-n FLWELFFL	3	0
>KIT-S864F-v FLWELFSLG	110	>KIT-S864F-n FLWELFFLG	21	89
>KIT-S864F-v FLWELFSLGS	36	>KIT-S864F-n FLWELFFLGS	27	9
>KIT-S864F-v FLWELFSLGS!	110	>KIT-S864F-n FLWELFFLGS!	72	38
>KIT-S864F-v FLWELFSL	2	>KIT-S864F-n FLWELFFL	2	0
>KIT-S864F-v FLWELFSLGS	554	>KIT-S864F-n FLWELFFLGS	371	183
>KIT-S864F-v FLWELFSL	1	>KIT-S864F-n FLWELFFL	2	1
>KIT-S864F-v FLWELFSLG	51	>KIT-S864F-n FLWELFFLG	20	31
>KIT-S864F-v FLWELFSLGS	20	>KIT-S864F-n FLWELFFLGS	14	6
>KIT-S864F-v FLWELFSLGS!	31	>KIT-S864F-n FLWELFFLGS!	27	4
>KIT-S864F-v FLWELFSL	932	>KIT-S864F-n FLWELFFL	286	646
>KIT-S864F-v FLWELFSL	17	>KIT-S864F-n FLWELFFL	9	8
>KIT-S864F-v FLWELFSL	181	>KIT-S864F-n FLWELFFL	710	529
>KIT-S864F-v FLWELFSLG	1026	>KIT-S864F-n FLWELFFLG	279	747
>KIT-S864F-v FLWELFSLGS	4917	>KIT-S864F-n FLWELFFLGS	292	4625
>KIT-S864F-v IFLWELFSL	833	>KIT-S864F-n IFLWELFFL	347	486
>KIT-S864F-v IFLWELFSL	366	>KIT-S864F-n IFLWELFFL	109	257
>KIT-S864F-v IFLWELFSL	176	>KIT-S864F-n IFLWELFFL	65	111

>KIT-S864F-v IFLWELFSL	241	>KIT-S864F-n IFLWELFFL	121	120
>KIT-S864F-v IFLWELFSL	1162	>KIT-S864F-n IFLWELFFL	183	979
>KIT-S864F-v IFLWELFSL	1488	>KIT-S864F-n IFLWELFFL	380	1108
>KIT-S864F-v IFLWELFS	14537	>KIT-S864F-n IFLWELFF	41	14496
>KIT-S864F-v IFLWELFSL	88	>KIT-S864F-n IFLWELFFL	77	11
>KIT-S864F-v IFLWELFS	9158	>KIT-S864F-n IFLWELFF	56	9102
>KIT-S864F-v IFLWELFSL	182	>KIT-S864F-n IFLWELFFL	88	94
>KIT-S864F-v IFLWELFS	8798	>KIT-S864F-n IFLWELFF	16	8782
>KIT-S864F-v IFLWELFSL	29	>KIT-S864F-n IFLWELFFL	28	1
>KIT-S864F-v IFLWELFS	5228	>KIT-S864F-n IFLWELFF	66	5162
>KIT-S864F-v IFLWELFS	7960	>KIT-S864F-n IFLWELFF	308	7652
>KIT-S864F-v IFLWELFSL	80	>KIT-S864F-n IFLWELFFL	101	21
>KIT-S864F-v IFLWELFS	596	>KIT-S864F-n IFLWELFF	262	334
>KIT-S864F-v IFLWELFSL	103	>KIT-S864F-n IFLWELFFL	51	52
>KIT-S864F-v GIFLWELFSL	28	>KIT-S864F-n GIFLWELFFL	21	7
>KIT-S864F-v GIFLWELFSL	20	>KIT-S864F-n GIFLWELFFL	20	0
>KIT-S864F-v GIFLWELFSL	83	>KIT-S864F-n GIFLWELFFL	166	83
>KIT-S864F-v GIFLWELFSL	79	>KIT-S864F-n GIFLWELFFL	94	15
>KIT-S864F-v GIFLWELFSL	28	>KIT-S864F-n GIFLWELFFL	19	9
>KIT-S864F-v GIFLWELFSL	167	>KIT-S864F-n GIFLWELFFL	115	52
>KIT-S864F-v GIFLWELFSL	42	>KIT-S864F-n GIFLWELFFL	19	23
>KIT-S864F-v GIFLWELFSL	28	>KIT-S864F-n GIFLWELFFL	39	11
>KIT-S864F-v GIFLWELFS	5301	>KIT-S864F-n GIFLWELFF	51	5250
>KIT-S864F-v GIFLWELFSL	304	>KIT-S864F-n GIFLWELFFL	2520	2216
>KIT-S864F-v GIFLWELFS	13798	>KIT-S864F-n GIFLWELFF	272	13526
>KIT-S864F-v YGIFLWELFSL	193	>KIT-S864F-n YGIFLWELFFL	71	122
>KIT-S864F-v YGIFLWELFSL	44	>KIT-S864F-n YGIFLWELFFL	29	15
>KIT-S864F-v YGIFLWELFS	15909	>KIT-S864F-n YGIFLWELFF	208	15701
>KIT-S864F-v YGIFLWELFSL	999	>KIT-S864F-n YGIFLWELFFL	408	591
>KIT-S864F-v YGIFLWELFS	17233	>KIT-S864F-n YGIFLWELFF	79	17154
>KIT-S868G-v SPYPGMPV	496	>KIT-S868G-r GPYPGMPV	2789	2293
>KIT-S868G-v SPYPGMPV	46	>KIT-S868G-r GPYPGMPV	1380	1334
>KIT-S868G-v SPYPGMPV	23	>KIT-S868G-r GPYPGMPV	64	41
>KIT-S868G-v SPYPGMPV	467	>KIT-S868G-r GPYPGMPV	913	446
>KIT-S868G-v SPYPGMPV	53	>KIT-S868G-r GPYPGMPV	92	39
>KIT-S868G-v SPYPGMPV	745	>KIT-S868G-r GPYPGMPV	238	507
>KIT-S868G-v SSPYPGMPV	3284	>KIT-S868G-r SGPYPGMPV	304	2980
>KIT-S868G-v SSPYPGMPV	14	>KIT-S868G-r SGPYPGMPV	115	101
>KIT-S868G-v SSPYPGMPV	12	>KIT-S868G-r SGPYPGMPV	417	405
>KIT-S868G-v FLWELFSLGS!	46	>KIT-S868G-r FLWELFSLGS!	288	242
>KIT-S868G-v FLWELFSLGS!	79	>KIT-S868G-r FLWELFSLGS!	158	79
>KIT-S868G-v FLWELFSLGS!	45	>KIT-S868G-r FLWELFSLGS!	204	159
>KIT-S868G-v FLWELFSLGS!	72	>KIT-S868G-r FLWELFSLGS!	320	248

>KIT-S868G-\ FLWELFSLGS!	9	>KIT-S868G-r FLWELFSLGS!	18	9
>KIT-S868G-\ FLWELFSLGS!	248	>KIT-S868G-r FLWELFSLGS!	518	270
>KIT-S868G-\ FLWELFSLGS!	110	>KIT-S868G-r FLWELFSLGS!	293	183
>KIT-S868G-\ FLWELFSLGS!	31	>KIT-S868G-r FLWELFSLGS!	144	113
>KIT-S868G-\ GSSPYPGMP!	204	>KIT-S868G-r GSGPYPGMP	1728	1524
>KIT-S868G-\ GSSPYPGM	24	>KIT-S868G-r GSGPYPGM	112	88
>KIT-S868G-\ SLGSSPYPGM	82	>KIT-S868G-r SLGSSPYPGM	61	21
>KIT-S868G-\ SLGSSPYPGM	426	>KIT-S868G-r SLGSSPYPGM	487	61
>KIT-S868G-\ SLGSSPYPGM	26	>KIT-S868G-r SLGSSPYPGM	18	8
>KIT-S868G-\ SLGSSPYPGM	237	>KIT-S868G-r SLGSSPYPGM	235	2
>KIT-S868G-\ SLGSSPYPGM	59	>KIT-S868G-r SLGSSPYPGM	41	18
>KIT-S868G-\ SLGSSPYPGM	241	>KIT-S868G-r SLGSSPYPGM	217	24
>KIT-S868G-\ SLGSSPYPGM	72	>KIT-S868G-r SLGSSPYPGM	35	37
>KIT-S868G-\ FSLGSSPYPGI	332	>KIT-S868G-r FSLGSSPYPG	637	305
>KIT-S868G-\ FSLGSSPYPGI	180	>KIT-S868G-r FSLGSSPYPG	264	84
>KIT-S868G-\ FSLGSSPY	148	>KIT-S868G-r FSLGSSPY	183	35
>KIT-S868G-\ FSLGSSPYPGI	324	>KIT-S868G-r FSLGSSPYPG	292	32
>KIT-S868G-\ FSLGSSPY	492	>KIT-S868G-r FSLGSSPY	443	49
>KIT-S868G-\ FSLGSSPY	27	>KIT-S868G-r FSLGSSPY	26	1
>KIT-S868G-\ FSLGSSPY	320	>KIT-S868G-r FSLGSSPY	251	69
>KIT-S868G-\ FSLGSSPYPGI	42	>KIT-S868G-r FSLGSSPYPG	93	51
>KIT-S868G-\ FSLGSSPY	45	>KIT-S868G-r FSLGSSPY	60	15
>KIT-S868G-\ FSLGSSPY	49	>KIT-S868G-r FSLGSSPY	53	4
>KIT-S868G-\ FSLGSSPY	15	>KIT-S868G-r FSLGSSPY	73	58
>KIT-S868G-\ FSLGSSPYPGI	221	>KIT-S868G-r FSLGSSPYPG	306	85
>KIT-S868G-\ FSLGSSPY	3	>KIT-S868G-r FSLGSSPY	4	1
>KIT-S868G-\ FSLGSSPYPGI	7	>KIT-S868G-r FSLGSSPYPG	7	0
>KIT-S868G-\ FSLGSSPY	17	>KIT-S868G-r FSLGSSPY	29	12
>KIT-S868G-\ FSLGSSPYPGI	433	>KIT-S868G-r FSLGSSPYPG	735	302
>KIT-S868G-\ FSLGSSPY	468	>KIT-S868G-r FSLGSSPY	1597	1129
>KIT-S868G-\ FSLGSSPYPGI	299	>KIT-S868G-r FSLGSSPYPG	604	305
>KIT-S868G-\ FSLGSSPY	118	>KIT-S868G-r FSLGSSPY	99	19
>KIT-S868G-\ FSLGSSPYPGI	129	>KIT-S868G-r FSLGSSPYPG	143	14
>KIT-S868G-\ LFLGSSPY	18	>KIT-S868G-r LFLGSSPY	16	2
>KIT-S868G-\ LFLGSSPY	227	>KIT-S868G-r LFLGSSPY	128	99
>KIT-S868G-\ LFLGSSPY	103	>KIT-S868G-r LFLGSSPY	150	47
>KIT-S868G-\ LFLGSSPY	68	>KIT-S868G-r LFLGSSPY	116	48
>KIT-S868G-\ LFLGSSPY	32	>KIT-S868G-r LFLGSSPY	58	26
>KIT-S868G-\ LFLGSSPY	226	>KIT-S868G-r LFLGSSPY	2585	2359
>KIT-S868G-\ ELFLGSSPY	296	>KIT-S868G-r ELFLGSSPY	789	493
>KIT-S868G-\ ELFLGSSPY	143	>KIT-S868G-r ELFLGSSPY	209	66
>KIT-S868G-\ ELFLGSSPY	110	>KIT-S868G-r ELFLGSSPY	124	14
>KIT-S868G-\ ELFLGSSPY	180	>KIT-S868G-r ELFLGSSPY	211	31

>KIT-S868G-\ ELFSLGSSPY	367	>KIT-S868G-r ELFSLGSGPY	171	196
>KIT-S868G-\ ELFSLGSSPY	203	>KIT-S868G-r ELFSLGSGPY	1877	1674
>KIT-S868G-\ ELFSLGSSPY	37	>KIT-S868G-r ELFSLGSGPY	46	9
>KIT-S868G-\ ELFSLGSSPY	15	>KIT-S868G-r ELFSLGSGPY	19	4
>KIT-S868G-\ ELFSLGSSPY	17	>KIT-S868G-r ELFSLGSGPY	167	150
>KIT-S868G-\ WELFSLGSSP	363	>KIT-S868G-r WELFSLGSGF	335	28
>KIT-S868G-\ WELFSLGSSP	152	>KIT-S868G-r WELFSLGSGF	207	55
>KIT-S868G-\ WELFSLGSSP	132	>KIT-S868G-r WELFSLGSGF	184	52
>KIT-S868G-\ WELFSLGSSP	83	>KIT-S868G-r WELFSLGSGF	413	330
>KIT-S868G-\ WELFSLGSS	247	>KIT-S868G-r WELFSLGSG	2250	2003
>KIT-S868G-\ WELFSLGSSP	5	>KIT-S868G-r WELFSLGSGF	6	1
>KIT-S868G-\ WELFSLGSSP	213	>KIT-S868G-r WELFSLGSGF	381	168
>KIT-S868G-\ WELFSLGSSP	260	>KIT-S868G-r WELFSLGSGF	1600	1340
>KIT-S868G-\ WELFSLGSS	290	>KIT-S868G-r WELFSLGSG	528	238
>KIT-S868G-\ WELFSLGSSP	282	>KIT-S868G-r WELFSLGSGF	432	150
>KIT-S868G-\ LWELFSLGSSI	340	>KIT-S868G-r LWELFSLGSG	549	209
>KIT-T574I-w TQLPYDHKW	34	>KIT-T574I-r IQLPYDHKWE	21	13
>KIT-T574I-w TQLPYDHK	118	>KIT-T574I-r IQLPYDHK	293	175
>KIT-T574I-w TQLPYDHKW	67	>KIT-T574I-r IQLPYDHKWE	62	5
>KIT-T574I-w TQLPYDHKW	176	>KIT-T574I-r IQLPYDHKWE	243	67
>KIT-T574I-w TQLPYDHKW	559	>KIT-T574I-r IQLPYDHKWE	243	316
>KIT-T574I-w TQLPYDHKW	23	>KIT-T574I-r IQLPYDHKWE	7	16
>KIT-T574I-w TQLPYDHKW	306	>KIT-T574I-r IQLPYDHKW	39	267
>KIT-T574I-w TQLPYDHKW	199	>KIT-T574I-r IQLPYDHKWE	139	60
>KIT-T574I-w TQLPYDHKW	186	>KIT-T574I-r IQLPYDHKW	70	116
>KIT-T574I-w TQLPYDHKW	129	>KIT-T574I-r IQLPYDHKW	27	102
>KIT-T574I-w TQLPYDHKW	123	>KIT-T574I-r IQLPYDHKW	72	51
>KIT-T574I-w TQLPYDHKW	526	>KIT-T574I-r IQLPYDHKW	35	491
>KIT-T574I-w PTQLPYDHKV	396	>KIT-T574I-r PIQLPYDHKV	9635	9239
>KIT-T574I-w DPTQLPYDH	289	>KIT-T574I-r DPIQLPYDH	179	110
>KIT-T574I-w DPTQLPYDH	46	>KIT-T574I-r DPIQLPYDHK	39	7
>KIT-T574I-w DPTQLPYDH	24	>KIT-T574I-r DPIQLPYDHK	14	10
>KIT-T574I-w YIDPTQLPY	10	>KIT-T574I-r YIDPIQLPY	10	0
>KIT-T574I-w YIDPTQLPY	21	>KIT-T574I-r YIDPIQLPY	14	7
>KIT-T574I-w YIDPTQLPY	11	>KIT-T574I-r YIDPIQLPY	6	5
>KIT-T574I-w YIDPTQLPY	137	>KIT-T574I-r YIDPIQLPY	320	183
>KIT-T574I-w YIDPTQLPY	240	>KIT-T574I-r YIDPIQLPY	732	492
>KIT-T574I-w YIDPTQLPY	42	>KIT-T574I-r YIDPIQLPY	178	136
>KIT-T574I-w YIDPTQLPY	61	>KIT-T574I-r YIDPIQLPY	51	10
>KIT-T574I-w YIDPTQLPY	116	>KIT-T574I-r YIDPIQLPY	73	43
>KIT-T574I-w YIDPTQLPY	56	>KIT-T574I-r YIDPIQLPY	92	36
>KIT-T574I-w VYIDPTQLPY	495	>KIT-T574I-r VYIDPIQLPY	761	266
>KIT-T574I-w VYIDPTQL	216	>KIT-T574I-r VYIDPIQL	182	34

>KIT-T574I-w VYIDPTQL	43	>KIT-T574I-r VYIDPIQL	26	17
>KIT-T574I-w VYIDPTQLPY	319	>KIT-T574I-r VYIDPIQLPY	187	132
>KIT-T574I-w VYIDPTQLPY	33	>KIT-T574I-r VYIDPIQLPY	24	9
>KIT-T574I-w VYIDPTQLPY	64	>KIT-T574I-r VYIDPIQLPY	62	2
>KIT-T574I-w VYIDPTQLPY	32	>KIT-T574I-r VYIDPIQLPY	71	39
>KIT-T574I-w VYIDPTQL	962	>KIT-T574I-r VYIDPIQL	447	515
>KIT-T574I-w YVYIDPTQL	193	>KIT-T574I-r YVYIDPIQL	101	92
>KIT-T574I-w YVYIDPTQL	135	>KIT-T574I-r YVYIDPIQL	454	319
>KIT-T574I-w YVYIDPTQL	24	>KIT-T574I-r YVYIDPIQL	109	85
>KIT-T574I-w YVYIDPTQL	261	>KIT-T574I-r YVYIDPIQL	275	14
>KIT-T574I-w YVYIDPTQL	18	>KIT-T574I-r YVYIDPIQL	10	8
>KIT-T574I-w YVYIDPTQL	1225	>KIT-T574I-r YVYIDPIQL	444	781
>KIT-T574I-w YVYIDPTQL	71	>KIT-T574I-r YVYIDPIQL	34	37
>KIT-T574I-w YVYIDPTQL	720	>KIT-T574I-r YVYIDPIQL	439	281
>KIT-T574I-w YVYIDPTQL	16	>KIT-T574I-r YVYIDPIQL	18	2
>KIT-T574I-w YVYIDPTQLPY	492	>KIT-T574I-r YVYIDPIQLPY	396	96
>KIT-T574I-w YVYIDPTQLPY	330	>KIT-T574I-r YVYIDPIQLPY	207	123
>KIT-T574I-w YVYIDPTQLPY	387	>KIT-T574I-r YVYIDPIQLPY	605	218
>KIT-T574I-w YVYIDPTQLPY	91	>KIT-T574I-r YVYIDPIQLPY	85	6
>KIT-T574I-w YVYIDPTQLPY	6	>KIT-T574I-r YVYIDPIQLPY	5	1
>KIT-T574I-w YVYIDPTQLPY	517	>KIT-T574I-r YVYIDPIQLPY	432	85
>KIT-T574I-w YVYIDPTQLPY	451	>KIT-T574I-r YVYIDPIQLPY	342	109
>KIT-T574I-w YVYIDPTQL	162	>KIT-T574I-r YVYIDPIQL	70	92
>KIT-T574I-w YVYIDPTQLPY	16	>KIT-T574I-r YVYIDPIQLPY	12	4
>KIT-T574I-w YVYIDPTQLPY	63	>KIT-T574I-r YVYIDPIQLPY	87	24
>KIT-T574I-w YVYIDPTQLPY	73	>KIT-T574I-r YVYIDPIQLPY	105	32
>KIT-T574I-w YVYIDPTQLPY	53	>KIT-T574I-r YVYIDPIQLPY	98	45
>KIT-T574I-w YVYIDPTQL	27	>KIT-T574I-r YVYIDPIQL	46	19
>KIT-T574I-w YVYIDPTQLPY	7	>KIT-T574I-r YVYIDPIQLPY	8	1
>KIT-T574I-w YVYIDPTQLPY	17	>KIT-T574I-r YVYIDPIQLPY	16	1
>KIT-T574I-w YVYIDPTQL	423	>KIT-T574I-r YVYIDPIQL	2991	2568
>KIT-T574I-w YVYIDPTQLPY	301	>KIT-T574I-r YVYIDPIQLPY	540	239
>KIT-T574I-w NYVYIDPT	11404	>KIT-T574I-r NYVYIDPI	65	11339
>KIT-T574I-w NYVYIDPTQL	150	>KIT-T574I-r NYVYIDPIQL	2713	2563
>KIT-T574I-w NYVYIDPT	14710	>KIT-T574I-r NYVYIDPI	149	14561
>KIT-T574I-w NYVYIDPT	9233	>KIT-T574I-r NYVYIDPI	156	9077
>KIT-T574I-w NYVYIDPTQL	163	>KIT-T574I-r NYVYIDPIQL	116	47
>KIT-T574I-w NYVYIDPT	6901	>KIT-T574I-r NYVYIDPI	430	6471
>KIT-T574I-w NNYVYIDPT	3114	>KIT-T574I-r NNYVYIDPI	373	2741
>KIT-T574I-w NNYVYIDPT	11087	>KIT-T574I-r NNYVYIDPI	70	11017
>KIT-T594I-w TLGAGAFGKV	242	>KIT-T594I-r ILGAGAFGKV	124	118
>KIT-T594I-w TLGAGAFGKV	90	>KIT-T594I-r ILGAGAFGKV	54	36
>KIT-T594I-w TLGAGAFGKV	394	>KIT-T594I-r ILGAGAFGKV	228	166



>KIT-T594I-w TLGAGAFGK\	25	>KIT-T594I-r ILGAGAFGKV	22	3
>KIT-T594I-w TLGAGAFGK\	116	>KIT-T594I-r ILGAGAFGKV	67	49
>KIT-T594I-w TLGAGAFGK\	12	>KIT-T594I-r ILGAGAFGKV	5	7
>KIT-T594I-w TLGAGAFGK\	13	>KIT-T594I-r ILGAGAFGKV	5	8
>KIT-T594I-w TLGAGAFGK\	68	>KIT-T594I-r ILGAGAFGKV	33	35
>KIT-T594I-w TLGAGAFGK\	50	>KIT-T594I-r ILGAGAFGKV	26	24
>KIT-T594I-w TLGAGAFGK\	17	>KIT-T594I-r ILGAGAFGKV	11	6
>KIT-T594I-w TLGAGAFGK\	30	>KIT-T594I-r ILGAGAFGKV	21	9
>KIT-T594I-w TLGAGAFGK\	31	>KIT-T594I-r ILGAGAFGKV	10	21
>KIT-T594I-w TLGAGAFGK\	75	>KIT-T594I-r ILGAGAFGKV	20	55
>KIT-T594I-w TLGAGAFGK	1848	>KIT-T594I-r ILGAGAFGK	415	1433
>KIT-T594I-w TLGAGAFGK\	3	>KIT-T594I-r ILGAGAFGKV	2	1
>KIT-T594I-w TLGAGAFGK\	5	>KIT-T594I-r ILGAGAFGKV	3	2
>KIT-T594I-w TLGAGAFGK	67	>KIT-T594I-r ILGAGAFGK	45	22
>KIT-T594I-w TLGAGAFGK	45	>KIT-T594I-r ILGAGAFGK	83	38
>KIT-T594I-w TLGAGAFGK\	212	>KIT-T594I-r ILGAGAFGKV	2253	2041
>KIT-T594I-w KTLGAGAFGk	1521	>KIT-T594I-r KILGAGAFGK	335	1186
>KIT-T594I-w KTLGAGAFGk	1316	>KIT-T594I-r KILGAGAFGK	345	971
>KIT-T594I-w KTLGAGAFGk	1001	>KIT-T594I-r KILGAGAFGK	126	875
>KIT-T594I-w KTLGAGAFGk	67	>KIT-T594I-r KILGAGAFGK	23	44
>KIT-T594I-w KTLGAGAFGk	41	>KIT-T594I-r KILGAGAFGK	12	29
>KIT-T594I-w KTLGAGAFGk	1382	>KIT-T594I-r KILGAGAFGK	325	1057
>KIT-T594I-w KTLGAGAFGk	93	>KIT-T594I-r KILGAGAFGK	19	74
>KIT-T594I-w KTLGAGAFGk	1333	>KIT-T594I-r KILGAGAFGK	96	1237
>KIT-T594I-w KTLGAGAFGk	365	>KIT-T594I-r KILGAGAFGK	13	352
>KIT-T594I-w KTLGAGAFGk	22	>KIT-T594I-r KILGAGAFGK	18	4
>KIT-T594I-w KTLGAGAFGk	19	>KIT-T594I-r KILGAGAFGK	42	23
>KIT-T594I-w KTLGAGAF	213	>KIT-T594I-r KILGAGAF	1589	1376
>KIT-T594I-w KTLGAGAFG	52	>KIT-T594I-r KILGAGAFG	264	212
>KIT-T594I-w KTLGAGAFGk	8	>KIT-T594I-r KILGAGAFGK	18	10
>KIT-T594I-w KTLGAGAFGk	91	>KIT-T594I-r KILGAGAFGK	468	377
>KIT-T594I-w KTLGAGAFGk	152	>KIT-T594I-r KILGAGAFGK	124	28
>KIT-T594I-w KTLGAGAF	13	>KIT-T594I-r KILGAGAF	32	19
>KIT-T594I-w KTLGAGAFGk	431	>KIT-T594I-r KILGAGAFGK	1535	1104
>KIT-T594I-w KTLGAGAFGk	128	>KIT-T594I-r KILGAGAFGK	621	493
>KIT-T594I-w KTLGAGAF	378	>KIT-T594I-r KILGAGAF	302	76
>KIT-T594I-w KTLGAGAF	155	>KIT-T594I-r KILGAGAF	330	175
>KIT-T594I-w KTLGAGAF	4	>KIT-T594I-r KILGAGAF	135	131
>KIT-T594I-w KTLGAGAFGk	78	>KIT-T594I-r KILGAGAFGK	9825	9747
>KIT-T594I-w KTLGAGAF	345	>KIT-T594I-r KILGAGAF	6219	5874
>KIT-T594I-w KTLGAGAF	78	>KIT-T594I-r KILGAGAF	1457	1379
>KIT-T594I-w KTLGAGAF	227	>KIT-T594I-r KILGAGAF	4686	4459
>KIT-T594I-w KTLGAGAFGk	181	>KIT-T594I-r KILGAGAFGK	5810	5629

>KIT-T594I-w KTLGAGAFGK	902	>KIT-T594I-r KILGAGAFGK	201	701
>KIT-T594I-w KTLGAGAFGK	1085	>KIT-T594I-r KILGAGAFGK	251	834
>KIT-T594I-w FPRNRLSFGK	113	>KIT-T594I-r FPRNRLSFGK	22	91
>KIT-T594I-w FPRNRLSFGK	1108	>KIT-T594I-r FPRNRLSFGK	59	1049
>KIT-T594I-w FPRNRLSFGK	8795	>KIT-T594I-r FPRNRLSFGK	224	8571
>KIT-T594I-w FPRNRLSFGK	30	>KIT-T594I-r FPRNRLSFGK	43	13
>KIT-T594I-w GKTLGAGAF	333	>KIT-T594I-r GKILGAGAF	74	259
>KIT-T594I-w FGKTLGAGAF	241	>KIT-T594I-r FGKILGAGAF	245	4
>KIT-T594I-w FGKTLGAGAF	353	>KIT-T594I-r FGKILGAGAF	383	30
>KIT-T594I-w FGKTLGAGAF	408	>KIT-T594I-r FGKILGAGAF	1026	618
>KIT-T594I-w SFGKTLGAGA	17	>KIT-T594I-r SFGKILGAGA	15	2
>KIT-T594I-w LSFSGKTLGA	411	>KIT-T594I-r LSFSGKILGA	292	119
>KIT-T594I-w LSFSGKTLGAG	459	>KIT-T594I-r LSFSGKILGAG	301	158
>KIT-T594I-w RLSFGKTLGA	819	>KIT-T594I-r RLSFGKILGA	329	490
>KIT-T594I-w RLSFGKTL	152	>KIT-T594I-r RLSFGKIL	243	91
>KIT-T594I-w RLSFGKTLGA	167	>KIT-T594I-r RLSFGKILGA	150	17
>KIT-T594I-w RLSFGKTL	74	>KIT-T594I-r RLSFGKIL	226	152
>KIT-T594I-w RLSFGKTLGA	123	>KIT-T594I-r RLSFGKILGA	105	18
>KIT-T594I-w RLSFGKTL	89	>KIT-T594I-r RLSFGKIL	588	499
>KIT-T594I-w RLSFGKTLGA	339	>KIT-T594I-r RLSFGKILGA	105	234
>KIT-T594I-w RLSFGKTL	321	>KIT-T594I-r RLSFGKIL	1064	743
>KIT-T594I-w RLSFGKTL	396	>KIT-T594I-r RLSFGKIL	1091	695
>KIT-T594I-w RLSFGKTLGA	496	>KIT-T594I-r RLSFGKILGA	295	201
>KIT-T594I-w RLSFGKTL	20	>KIT-T594I-r RLSFGKIL	88	68
>KIT-T594I-w RLSFGKTLGA	36	>KIT-T594I-r RLSFGKILGA	26	10
>KIT-T594I-w RLSFGKTL	136	>KIT-T594I-r RLSFGKIL	1144	1008
>KIT-T594I-w NRLSFGKTL	127	>KIT-T594I-r NRLSFGKIL	159	32
>KIT-T594I-w NRLSFGKTL	3087	>KIT-T594I-r NRLSFGKIL	229	2858
>KIT-T594I-w NRLSFGKTL	187	>KIT-T594I-r NRLSFGKIL	434	247
>KIT-T594I-w NRLSFGKTL	133	>KIT-T594I-r NRLSFGKIL	138	5
>KIT-T594I-w NRLSFGKTL	303	>KIT-T594I-r NRLSFGKIL	557	254
>KIT-T594I-w NRLSFGKTL	199	>KIT-T594I-r NRLSFGKIL	281	82
>KIT-T594I-w RNRLSFGKTL	1791	>KIT-T594I-r RNRLSFGKIL	55	1736
>KIT-T594I-w RNRLSFGKTL	134	>KIT-T594I-r RNRLSFGKIL	192	58
>KIT-T594I-w RNRLSFGKTL	1026	>KIT-T594I-r RNRLSFGKIL	222	804
>KIT-T594I-w RNRLSFGKTL	438	>KIT-T594I-r RNRLSFGKIL	489	51
>KIT-T594I-w RNRLSFGKTL	35817	>KIT-T594I-r RNRLSFGKIL	211	35606
>KIT-T670E-v TEYCCYGDLL	127	>KIT-T670E-n EEYCCYGDLL	187	60
>KIT-T670E-v TEYCCYGDLL	46	>KIT-T670E-n EEYCCYGDLL	63	17
>KIT-T670E-v TEYCCYGDLL	44	>KIT-T670E-n EEYCCYGDLL	96	52
>KIT-T670E-v TEYCCYGDLL	231	>KIT-T670E-n EEYCCYGDLL	301	70
>KIT-T670E-v TEYCCYGDLL	271	>KIT-T670E-n EEYCCYGDLL	690	419
>KIT-T670E-v TEYCCYGDLL	183	>KIT-T670E-n EEYCCYGDLL	236	53

>KIT-T670E-v TEYCCYGDLL	586	>KIT-T670E-n EEYCCYGDLL	270	316
>KIT-T670E-v TEYCCYGDL	765	>KIT-T670E-n EEYCCYGDL	243	522
>KIT-T670E-v TEYCCYGDLL	395	>KIT-T670E-n EEYCCYGDLL	145	250
>KIT-T670E-v TEYCCYGDL	47	>KIT-T670E-n EEYCCYGDL	242	195
>KIT-T670E-v TEYCCYGDLL	46	>KIT-T670E-n EEYCCYGDLL	335	289
>KIT-T670E-v ITEYCCYGDL	16644	>KIT-T670E-n IEEYCCYGDL	197	16447
>KIT-T670E-v ITEYCCYGDLL	8470	>KIT-T670E-n IEEYCCYGDLL	85	8385
>KIT-T670E-v ITEYCCYGDLL	404	>KIT-T670E-n IEEYCCYGDLL	26253	25849
>KIT-T670E-v ITEYCCYGDL	14566	>KIT-T670E-n IEEYCCYGDL	16	14550
>KIT-T670E-v ITEYCCYGDL	19689	>KIT-T670E-n IEEYCCYGDL	46	19643
>KIT-T670E-v ITEYCCYGDL	14864	>KIT-T670E-n IEEYCCYGDL	216	14648
>KIT-T670E-v ITEYCCYGDL	13400	>KIT-T670E-n IEEYCCYGDL	205	13195
>KIT-T670E-v ITEYCCYGDLL	83	>KIT-T670E-n IEEYCCYGDLL	22837	22754
>KIT-T670E-v ITEYCCYGDLL	22	>KIT-T670E-n IEEYCCYGDLL	4157	4135
>KIT-T670E-v ITEYCCYGDLL	18727	>KIT-T670E-n IEEYCCYGDLL	75	18652
>KIT-T670E-v VITEYCCYDI	496	>KIT-T670E-n VIEEYCCYDI	1800	1304
>KIT-T670E-v VITEYCCYDI	169	>KIT-T670E-n VIEEYCCYDI	689	520
>KIT-T670E-v LVITEYCCY	1217	>KIT-T670E-n LVIEEYCCY	238	979
>KIT-T670E-v LVITEYCCY	36	>KIT-T670E-n LVIEEYCCY	31	5
>KIT-T670E-v LVITEYCCY	296	>KIT-T670E-n LVIEEYCCY	323	27
>KIT-T670E-v LVITEYCCY	149	>KIT-T670E-n LVIEEYCCY	100	49
>KIT-T670E-v LVITEYCCY	302	>KIT-T670E-n LVIEEYCCY	550	248
>KIT-T670E-v LVITEYCCY	365	>KIT-T670E-n LVIEEYCCY	196	169
>KIT-T670E-v TLVITEYCCY	369	>KIT-T670E-n TLVIEEYCCY	651	282
>KIT-T670E-v TLVITEYC	225	>KIT-T670E-n TLVIEEYC	621	396
>KIT-T670E-v TLVITEYC	414	>KIT-T670E-n TLVIEEYC	855	441
>KIT-T670E-v TLVITEYCCY	472	>KIT-T670E-n TLVIEEYCCY	1066	594
>KIT-T670E-v TLVITEYCCY	99	>KIT-T670E-n TLVIEEYCCY	183	84
>KIT-T670E-v PTLVITEY	186	>KIT-T670E-n PTLVIEEY	366	180
>KIT-T670E-v PTLVITEYCCY	461	>KIT-T670E-n PTLVIEEYCCY	962	501
>KIT-T670E-v GPTLVITEY	60	>KIT-T670E-n GPTLVIEEY	158	98
>KIT-T670E-v GPTLVITEY	310	>KIT-T670E-n GPTLVIEEY	297	13
>KIT-T670E-v GPTLVITEY	31	>KIT-T670E-n GPTLVIEEY	98	67
>KIT-T670E-v GGPTLVIT	486	>KIT-T670E-n GGPTLVIE	385	101
>KIT-T670E-v GGPTLVITE	242	>KIT-T670E-n GGPTLVIEE	609	367
>KIT-T670E-v GGPTLVITEY	303	>KIT-T670E-n GGPTLVIEEY	340	37
>KIT-T670E-v IGGPTLVITEY	475	>KIT-T670E-n IGGPTLVIEEY	531	56
>KIT-T670I-w TEYCCYGDL	842	>KIT-T670I-r IEYCCYGDL	352	490
>KIT-T670I-w TEYCCYGDL	127	>KIT-T670I-r IEYCCYGDL	109	18
>KIT-T670I-w TEYCCYGDLL	46	>KIT-T670I-r IEYCCYGDLL	40	6
>KIT-T670I-w TEYCCYGDL	771	>KIT-T670I-r IEYCCYGDL	474	297
>KIT-T670I-w TEYCCYGDL	44	>KIT-T670I-r IEYCCYGDL	29	15
>KIT-T670I-w TEYCCYGDLL	231	>KIT-T670I-r IEYCCYGDLL	151	80

>KIT-T670I-w TEYCCYGDL	271	>KIT-T670I-r IEYCCYGDL	580	309
>KIT-T670I-w TEYCCYGDLL	183	>KIT-T670I-r IEYCCYGDLL	162	21
>KIT-T670I-w TEYCCYGDLL	395	>KIT-T670I-r IEYCCYGDLL	507	112
>KIT-T670I-w TEYCCYGDL	47	>KIT-T670I-r IEYCCYGDL	20	27
>KIT-T670I-w TEYCCYGDLL	46	>KIT-T670I-r IEYCCYGDLL	66	20
>KIT-T670I-w ITEYCCYGDL	679	>KIT-T670I-r IIEYCCYGDL	130	549
>KIT-T670I-w ITEYCCYGDLL	404	>KIT-T670I-r IIEYCCYGDLL	16436	16032
>KIT-T670I-w ITEYCCYGDL	83	>KIT-T670I-r IIEYCCYGDL	6570	6487
>KIT-T670I-w ITEYCCYGDL	22	>KIT-T670I-r IIEYCCYGDL	1004	982
>KIT-T670I-w CTIGGPTLVIT	4523	>KIT-T670I-r CTIGGPTLVII	177	4346
>KIT-T670I-w CTIGGPTLVIT	9102	>KIT-T670I-r CTIGGPTLVII	457	8645
>KIT-T670I-w CTIGGPTLVIT	18219	>KIT-T670I-r CTIGGPTLVII	12	18207
>KIT-T670I-w VITEYCCYGD	496	>KIT-T670I-r VIIEYCCYGD	104	392
>KIT-T670I-w VITEYCCYGD	1264	>KIT-T670I-r VIIEYCCYGD	196	1068
>KIT-T670I-w VITEYCCYGD	1539	>KIT-T670I-r VIIEYCCYGD	434	1105
>KIT-T670I-w VITEYCCYGD	169	>KIT-T670I-r VIIEYCCYGD	226	57
>KIT-T670I-w VITEYCCY	3273	>KIT-T670I-r VIIEYCCY	136	3137
>KIT-T670I-w VITEYCCY	746	>KIT-T670I-r VIIEYCCY	241	505
>KIT-T670I-w VITEYCCY	2108	>KIT-T670I-r VIIEYCCY	148	1960
>KIT-T670I-w LVITEYCCY	36	>KIT-T670I-r LVIIIEYCCY	291	255
>KIT-T670I-w LVITEYCCY	296	>KIT-T670I-r LVIIIEYCCY	238	58
>KIT-T670I-w LVITEYCCY	149	>KIT-T670I-r LVIIIEYCCY	160	11
>KIT-T670I-w LVITEYCCY	302	>KIT-T670I-r LVIIIEYCCY	819	517
>KIT-T670I-w LVITEYCCY	365	>KIT-T670I-r LVIIIEYCCY	535	170
>KIT-T670I-w TLVITEYCCY	369	>KIT-T670I-r TLVIIIEYCCY	1000	631
>KIT-T670I-w TLVITEYC	225	>KIT-T670I-r TLVIIIEYC	126	99
>KIT-T670I-w TLVITEYC	414	>KIT-T670I-r TLVIIIEYC	257	157
>KIT-T670I-w TLVITEYCCY	472	>KIT-T670I-r TLVIIIEYCCY	507	35
>KIT-T670I-w TLVITEYCCY	99	>KIT-T670I-r TLVIIIEYCCY	94	5
>KIT-T670I-w PTLVITEY	766	>KIT-T670I-r PTLVIIIEY	312	454
>KIT-T670I-w PTLVITEY	186	>KIT-T670I-r PTLVIIIEY	196	10
>KIT-T670I-w PTLVITEYCCY	461	>KIT-T670I-r PTLVIIIEYCCY	685	224
>KIT-T670I-w GPTLVITEY	60	>KIT-T670I-r GPTLVIIIEY	41	19
>KIT-T670I-w GPTLVITEY	310	>KIT-T670I-r GPTLVIIIEY	272	38
>KIT-T670I-w GPTLVITEY	31	>KIT-T670I-r GPTLVIIIEY	31	0
>KIT-T670I-w GPTLVITEY	1158	>KIT-T670I-r GPTLVIIIEY	467	691
>KIT-T670I-w GGPTLVIT	486	>KIT-T670I-r GGPTLVII	62	424
>KIT-T670I-w GGPTLVITE	242	>KIT-T670I-r GGPTLVIIIE	305	63
>KIT-T670I-w GGPTLVITEY	303	>KIT-T670I-r GGPTLVIIIEY	175	128
>KIT-T670I-w IGGPTLVITEY	475	>KIT-T670I-r IGGPTLVIIIEY	512	37
>KIT-T670I-w IGGPTLVIT	34717	>KIT-T670I-r IGGPTLVII	224	34493
>KIT-T670I-w TIGGPTLVIT	1781	>KIT-T670I-r TIGGPTLVII	359	1422
>KIT-T753A-v TPAIMEDDEL	348	>KIT-T753A-r APAIMEDDEL	914	566

>KIT-T753A-v VTPAIMEDDE	142	>KIT-T753A-r VAPAIMEDDI	846	704
>KIT-T753A-v VTPAIMEDDE	6	>KIT-T753A-r VAPAIMEDDI	53	47
>KIT-T753A-v ERDVTPAI	270	>KIT-T753A-r ERDVAPAI	357	87
>KIT-T753A-v ERDVTPAIM	67	>KIT-T753A-r ERDVAPAIM	121	54
>KIT-T753A-v IERDVTPAI	21	>KIT-T753A-r IERDVAPAI	31	10
>KIT-T753A-v IERDVTPAIM	461	>KIT-T753A-r IERDVAPAIM	711	250
>KIT-T753A-v IERDVTPAI	196	>KIT-T753A-r IERDVAPAI	157	39
>KIT-T753A-v IERDVTPAI	170	>KIT-T753A-r IERDVAPAI	106	64
>KIT-T753A-v IERDVTPA	250	>KIT-T753A-r IERDVAPA	753	503
>KIT-T753A-v IERDVTPAI	202	>KIT-T753A-r IERDVAPAI	332	130
>KIT-T753A-v IERDVTPA	598	>KIT-T753A-r IERDVAPA	458	140
>KIT-T753A-v IERDVTPAI	5	>KIT-T753A-r IERDVAPAI	7	2
>KIT-T753A-v IERDVTPAIM	324	>KIT-T753A-r IERDVAPAIM	472	148
>KIT-T753A-v YIERDVTPA	74	>KIT-T753A-r YIERDVAPA	77	3
>KIT-T753A-v YIERDVTPAI	363	>KIT-T753A-r YIERDVAPAI	1177	814
>KIT-T753A-v YIERDVTPA	160	>KIT-T753A-r YIERDVAPA	135	25
>KIT-T753A-v YIERDVTPAI	206	>KIT-T753A-r YIERDVAPAI	488	282
>KIT-T753A-v YIERDVTPAI	134	>KIT-T753A-r YIERDVAPAI	119	15
>KIT-T753A-v YIERDVTPAI	309	>KIT-T753A-r YIERDVAPAI	273	36
>KIT-T753A-v YIERDVTPA	119	>KIT-T753A-r YIERDVAPA	76	43
>KIT-T753A-v YIERDVTPAI	78	>KIT-T753A-r YIERDVAPAI	93	15
>KIT-T753A-v SYIERDVTPAI	14	>KIT-T753A-r SYIERDVAPAI	20	6
>KIT-T753A-v SYIERDVTPAI	434	>KIT-T753A-r SYIERDVAPAI	524	90
>KIT-T753A-v SYIERDVTPAI	366	>KIT-T753A-r SYIERDVAPAI	986	620
>KIT-T753A-v SYIERDVTPAI	472	>KIT-T753A-r SYIERDVAPAI	839	367
>KIT-T753A-v SYIERDVTPAI	19	>KIT-T753A-r SYIERDVAPAI	28	9
>KIT-T801I-w THGRITKICDF	1372	>KIT-T801I-r IHGRITKICDF	223	1149
>KIT-T801I-w LTHGRITKI	318	>KIT-T801I-r LIHGRITKI	35	283
>KIT-T801I-w LTHGRITKI	957	>KIT-T801I-r LIHGRITKI	196	761
>KIT-T801I-w LTHGRITKI	1897	>KIT-T801I-r LIHGRITKI	24	1873
>KIT-T801I-w LTHGRITK	119	>KIT-T801I-r LIHGRITK	88	31
>KIT-T801I-w LTHGRITK	68	>KIT-T801I-r LIHGRITK	151	83
>KIT-T801I-w LTHGRITK	8	>KIT-T801I-r LIHGRITK	21	13
>KIT-T801I-w LTHGRITK	438	>KIT-T801I-r LIHGRITK	1443	1005
>KIT-T801I-w LTHGRITK	98	>KIT-T801I-r LIHGRITK	437	339
>KIT-T801I-w LTHGRITKI	27	>KIT-T801I-r LIHGRITKI	6317	6290
>KIT-T801I-w LTHGRITKI	441	>KIT-T801I-r LIHGRITKI	9358	8917
>KIT-T801I-w LTHGRITKI	27	>KIT-T801I-r LIHGRITKI	2687	2660
>KIT-T801I-w RDLAARNILLI	21868	>KIT-T801I-r RDLAARNILLI	387	21481
>KIT-T801I-w RDLAARNILLI	826	>KIT-T801I-r RDLAARNILLI	416	410
>KIT-T801I-w RDLAARNILLI	3089	>KIT-T801I-r RDLAARNILLI	50	3039
>KIT-T801I-w RDLAARNILLI	2643	>KIT-T801I-r RDLAARNILLI	37	2606
>KIT-T801I-w LLTHGRITKI	424	>KIT-T801I-r LLIHGRITKI	233	191

>KIT-T801I-w LLTHGRITKI	174	>KIT-T801I-r LLIHGRITKI	71	103
>KIT-T801I-w LLTHGRITKI	184	>KIT-T801I-r LLIHGRITKI	57	127
>KIT-T801I-w LLTHGRITKI	612	>KIT-T801I-r LLIHGRITKI	137	475
>KIT-T801I-w LLTHGRITKI	176	>KIT-T801I-r LLIHGRITKI	255	79
>KIT-T801I-w LLTHGRITKI	6	>KIT-T801I-r LLIHGRITKI	7	1
>KIT-T801I-w LLTHGRITKIC	190	>KIT-T801I-r LLIHGRITKIC	298	108
>KIT-T801I-w LLTHGRITK	78	>KIT-T801I-r LLIHGRITK	66	12
>KIT-T801I-w LLTHGRITK	1184	>KIT-T801I-r LLIHGRITK	350	834
>KIT-T801I-w LLTHGRITK	350	>KIT-T801I-r LLIHGRITK	231	119
>KIT-T801I-w ILLTHGRI	269	>KIT-T801I-r ILLIHGRI	328	59
>KIT-T801I-w ILLTHGRITKI	225	>KIT-T801I-r ILLIHGRITKI	457	232
>KIT-T801I-w ILLTHGRITKI	269	>KIT-T801I-r ILLIHGRITKI	433	164
>KIT-T801I-w ILLTHGRI	165	>KIT-T801I-r ILLIHGRI	278	113
>KIT-T801I-w ILLTHGRITKI	43	>KIT-T801I-r ILLIHGRITKI	84	41
>KIT-T801I-w ILLTHGRITKI	425	>KIT-T801I-r ILLIHGRITKI	540	115
>KIT-T801I-w ILLTHGRI	14	>KIT-T801I-r ILLIHGRI	12	2
>KIT-T801I-w ILLTHGRITKI	16	>KIT-T801I-r ILLIHGRITKI	13	3
>KIT-T801I-w ILLTHGRI	365	>KIT-T801I-r ILLIHGRI	991	626
>KIT-T801I-w ILLTHGRITKI	164	>KIT-T801I-r ILLIHGRITKI	440	276
>KIT-T801I-w ILLTHGRI	545	>KIT-T801I-r ILLIHGRI	415	130
>KIT-T801I-w ILLTHGRITKI	160	>KIT-T801I-r ILLIHGRITKI	128	32
>KIT-T801I-w ILLTHGRITKI	262	>KIT-T801I-r ILLIHGRITKI	610	348
>KIT-T801I-w ILLTHGRI	61	>KIT-T801I-r ILLIHGRI	65	4
>KIT-T801I-w ILLTHGRITKI	39	>KIT-T801I-r ILLIHGRITKI	41	2
>KIT-T801I-w ILLTHGRITK	18	>KIT-T801I-r ILLIHGRITK	24	6
>KIT-T801I-w ILLTHGRITK	91	>KIT-T801I-r ILLIHGRITK	85	6
>KIT-T801I-w ILLTHGRITK	209	>KIT-T801I-r ILLIHGRITK	286	77
>KIT-T801I-w NILLTHGRITK	430	>KIT-T801I-r NILLIHGRITK	358	72
>KIT-T801I-w NILLTHGR	589	>KIT-T801I-r NILLIHGR	251	338
>KIT-T801I-w NILLTHGR	121	>KIT-T801I-r NILLIHGR	48	73
>KIT-T801I-w NILLTHGR	85	>KIT-T801I-r NILLIHGR	47	38
>KIT-T801I-w NILLTHGRITK	563	>KIT-T801I-r NILLIHGRITK	239	324
>KIT-T801I-w NILLTHGR	71	>KIT-T801I-r NILLIHGR	60	11
>KIT-T801I-w RNILLTHGR	118	>KIT-T801I-r RNILLIHGR	82	36
>KIT-T801I-w RNILLTHGR	37	>KIT-T801I-r RNILLIHGR	57	20
>KIT-T801I-w ARNILLTHGR	255	>KIT-T801I-r ARNILLIHGR	322	67
>KIT-T801I-w ARNILLTH	274	>KIT-T801I-r ARNILLIH	470	196
>KIT-T801I-w ARNILLTHGR	99	>KIT-T801I-r ARNILLIHGR	102	3
>KIT-T801I-w ARNILLTHGR	227	>KIT-T801I-r ARNILLIHGRI	188	39
>KIT-T801I-w ARNILLTHGR	323	>KIT-T801I-r ARNILLIHGRI	189	134
>KIT-T801I-w AARNILLT	238	>KIT-T801I-r AARNILLI	14	224
>KIT-T801I-w AARNILLTH	383	>KIT-T801I-r AARNILLIH	584	201
>KIT-T801I-w AARNILLTHG	347	>KIT-T801I-r AARNILLIHG	72	275

>KIT-T801I-w AARNILLTHG	127	>KIT-T801I-r AARNILLIHGF	179	52
>KIT-T801I-w AARNILLTHG	32	>KIT-T801I-r AARNILLIHGF	34	2
>KIT-T801I-w AARNILLTH	278	>KIT-T801I-r AARNILLIH	403	125
>KIT-T801I-w AARNILLT	36687	>KIT-T801I-r AARNILLI	376	36311
>KIT-T801I-w LAARNILLT	8711	>KIT-T801I-r LAARNILLI	266	8445
>KIT-T801I-w LAARNILLT	9106	>KIT-T801I-r LAARNILLI	55	9051
>KIT-T801I-w LAARNILLT	32948	>KIT-T801I-r LAARNILLI	131	32817
>KIT-T801I-w DLAARNILLT	1287	>KIT-T801I-r DLAARNILLI	205	1082
>KIT-T801I-w DLAARNILLT	1037	>KIT-T801I-r DLAARNILLI	242	795
>KIT-T801I-w DLAARNILLT	2569	>KIT-T801I-r DLAARNILLI	328	2241
>KIT-T96M-v YTCTNKHGL	7551	>KIT-T96M-r YMCTNKHGL	154	7397
>KIT-T96M-v YTCTNKHGL	2670	>KIT-T96M-r YMCTNKHGL	21	2649
>KIT-T96M-v YTCTNKHGL	6071	>KIT-T96M-r YMCTNKHGL	90	5981
>KIT-T96M-v YTCTNKHGL	2159	>KIT-T96M-r YMCTNKHGL	152	2007
>KIT-T96M-v YTCTNKHGL	189	>KIT-T96M-r YMCTNKHGL	3	186
>KIT-T96M-v YTCTNKHGL	1590	>KIT-T96M-r YMCTNKHGL	11	1579
>KIT-T96M-v YTCTNKHGL	6696	>KIT-T96M-r YMCTNKHGL	53	6643
>KIT-T96M-v YTCTNKHGL	8072	>KIT-T96M-r YMCTNKHGL	10	8062
>KIT-T96M-v YTCTNKHGL	156	>KIT-T96M-r YMCTNKHGL	2	154
>KIT-T96M-v YTCTNKHGL	237	>KIT-T96M-r YMCTNKHGL	8567	8330
>KIT-T96M-v YTCTNKHGL	193	>KIT-T96M-r YMCTNKHGL	7458	7265
>KIT-T96M-v YTCTNKHGL	497	>KIT-T96M-r YMCTNKHGL	3698	3201
>KIT-T96M-v YTCTNKHGL	38	>KIT-T96M-r YMCTNKHGL	4449	4411
>KIT-T96M-v YTCTNKHGL	2303	>KIT-T96M-r YMCTNKHGL	94	2209
>KIT-T96M-v KAEATNTGKY	12312	>KIT-T96M-r KAEATNTGKY	53	12259
>KIT-T96M-v KAEATNTGKY	16358	>KIT-T96M-r KAEATNTGKY	375	15983
>KIT-T96M-v KYTCTNKHGL	16	>KIT-T96M-r KYMCTNKHG	8	8
>KIT-T96M-v KYTCTNKHGL	1256	>KIT-T96M-r KYMCTNKHG	425	831
>KIT-T96M-v KYTCTNKHGL	2130	>KIT-T96M-r KYMCTNKHG	443	1687
>KIT-T96M-v KYTCTNKHGL	49	>KIT-T96M-r KYMCTNKHG	13	36
>KIT-T96M-v KYTCTNKHGL	1938	>KIT-T96M-r KYMCTNKHG	478	1460
>KIT-T96M-v GKYTCTNK	291	>KIT-T96M-r GKYMCTNK	362	71
>KIT-T96M-v GKYTCTNKHG	160	>KIT-T96M-r GKYMCTNKH	152	8
>KIT-T96M-v GKYTCTNKHG	173	>KIT-T96M-r GKYMCTNKH	532	359
>KIT-T96M-v NTGKYTCTNK	429	>KIT-T96M-r NTGKYMCTN	349	80
>KIT-T96M-v NTGKYTCTNK	128	>KIT-T96M-r NTGKYMCTN	140	12
>KIT-T96M-v NTGKYTCTNK	146	>KIT-T96M-r NTGKYMCTN	61	85
>KIT-T96M-v ATNTGKYT	9369	>KIT-T96M-r ATNTGKYM	37	9332
>KIT-T96M-v AEATNTGKYT	1556	>KIT-T96M-r AEATNTGKYM	94	1462
>KIT-T96M-v AEATNTGKYT	1225	>KIT-T96M-r AEATNTGKYM	180	1045
>KIT-T96M-v AEATNTGKYT	181	>KIT-T96M-r AEATNTGKYM	180	1
>KIT-T96M-v AEATNTGKYT	353	>KIT-T96M-r AEATNTGKYM	33	320
>KIT-T96M-v AEATNTGKYT	123	>KIT-T96M-r AEATNTGKYM	125	2

>KIT-V399I- <del>v</del> VNAAIAFNV	247	>KIT-V399I- <del>r</del> INAAIAFNV	111	136
>KIT-V399I- <del>v</del> VNAAIAFNVY	142	>KIT-V399I- <del>r</del> INAAIAFNVY\	68	74
>KIT-V399I- <del>v</del> VNAAIAFNVY	410	>KIT-V399I- <del>r</del> INAAIAFNVY	384	26
>KIT-V399I- <del>v</del> VNAAIAFNV	70	>KIT-V399I- <del>r</del> INAAIAFNV	43	27
>KIT-V399I- <del>v</del> VNAAIAFNVY	42	>KIT-V399I- <del>r</del> INAAIAFNVY\	26	16
>KIT-V399I- <del>v</del> VNAAIAFNVY	341	>KIT-V399I- <del>r</del> INAAIAFNVY	526	185
>KIT-V399I- <del>v</del> VNAAIAFNVY	800	>KIT-V399I- <del>r</del> INAAIAFNVY	388	412
>KIT-V399I- <del>v</del> DVNAAIAFN\	1047	>KIT-V399I- <del>r</del> DINAAIAFNV	316	731
>KIT-V399I- <del>v</del> DVNAAIAFN\	608	>KIT-V399I- <del>r</del> DINAAIAFNV	200	408
>KIT-V399I- <del>v</del> DVNAAIAFN\	84	>KIT-V399I- <del>r</del> DINAAIAFNV	34	50
>KIT-V399I- <del>v</del> DVNAAIAFN\	379	>KIT-V399I- <del>r</del> DINAAIAFNV	139	240
>KIT-V399I- <del>v</del> DVNAAIAFN\	275	>KIT-V399I- <del>r</del> DINAAIAFNV	572	297
>KIT-V399I- <del>v</del> DVNAAIAFN\	112	>KIT-V399I- <del>r</del> DINAAIAFNV	349	237
>KIT-V399I- <del>v</del> DVNAAIAF	75	>KIT-V399I- <del>r</del> DINAAIAF	356	281
>KIT-V399I- <del>v</del> DVNAAIAFN\	23	>KIT-V399I- <del>r</del> DINAAIAFNV	75	52
>KIT-V399I- <del>v</del> DVNAAIAFN\	276	>KIT-V399I- <del>r</del> DINAAIAFNV	794	518
>KIT-V399I- <del>v</del> DVNAAIAFN\	143	>KIT-V399I- <del>r</del> DINAAIAFNV	172	29
>KIT-V399I- <del>v</del> DVNAAIAFN\	356	>KIT-V399I- <del>r</del> DINAAIAFNV	872	516
>KIT-V399I- <del>v</del> DVNAAIAFN\	19	>KIT-V399I- <del>r</del> DINAAIAFNV	28	9
>KIT-V399I- <del>v</del> DVNAAIAFN\	7	>KIT-V399I- <del>r</del> DINAAIAFNV	10	3
>KIT-V399I- <del>v</del> DVNAAIAF	81	>KIT-V399I- <del>r</del> DINAAIAF	230	149
>KIT-V399I- <del>v</del> DVNAAIAFN\	208	>KIT-V399I- <del>r</del> DINAAIAFNV	598	390
>KIT-V399I- <del>v</del> DVNAAIAFN\	416	>KIT-V399I- <del>r</del> DINAAIAFNV	367	49
>KIT-V399I- <del>v</del> TYTFLVSNSD\	24	>KIT-V399I- <del>r</del> TYTFLVSNSDI	4	20
>KIT-V399I- <del>v</del> TYTFLVSNSD\	5883	>KIT-V399I- <del>r</del> TYTFLVSNSDI	376	5507
>KIT-V399I- <del>v</del> TYTFLVSNSD\	3732	>KIT-V399I- <del>r</del> TYTFLVSNSDI	351	3381
>KIT-V399I- <del>v</del> TYTFLVSNSD\	1659	>KIT-V399I- <del>r</del> TYTFLVSNSDI	63	1596
>KIT-V399I- <del>v</del> SDVNAAIAF	457	>KIT-V399I- <del>r</del> SDINAAIAF	283	174
>KIT-V399I- <del>v</del> SDVNAAIAFN	55	>KIT-V399I- <del>r</del> SDINAAIAFN\	39	16
>KIT-V399I- <del>v</del> NSDVNAAIAF	108	>KIT-V399I- <del>r</del> NSDINAAIAF	60	48
>KIT-V399I- <del>v</del> NSDVNAAI	555	>KIT-V399I- <del>r</del> NSDINAAI	477	78
>KIT-V399I- <del>v</del> SNSDVNAAI	275	>KIT-V399I- <del>r</del> SNSDINAAI	139	136
>KIT-V399I- <del>v</del> SNSDVNAAIA	349	>KIT-V399I- <del>r</del> SNSDINAAIAI	330	19
>KIT-V399I- <del>v</del> VSNSDVNAAI	57	>KIT-V399I- <del>r</del> VSNSDINAAI	97	40
>KIT-V399I- <del>v</del> LVSNSDVNA\	257	>KIT-V399I- <del>r</del> LVSNSDINAA	232	25
>KIT-V399I- <del>v</del> LVSNSDVNA\	689	>KIT-V399I- <del>r</del> LVSNSDINAA	433	256
>KIT-V399I- <del>v</del> LVSNSDVNA\	340	>KIT-V399I- <del>r</del> LVSNSDINAA	335	5
>KIT-V399I- <del>v</del> LVSNSDVNA\	1091	>KIT-V399I- <del>r</del> LVSNSDINAA	427	664
>KIT-V399I- <del>v</del> LVSNSDVNA\	340	>KIT-V399I- <del>r</del> LVSNSDINAA	346	6
>KIT-V399I- <del>v</del> LVSNSDVNA\	96	>KIT-V399I- <del>r</del> LVSNSDINAA	114	18
>KIT-V399I- <del>v</del> FLVSNSDV	33	>KIT-V399I- <del>r</del> FLVSNSDI	110	77
>KIT-V399I- <del>v</del> FLVSNSDVNA	141	>KIT-V399I- <del>r</del> FLVSNSDINA	73	68
>KIT-V399I- <del>v</del> FLVSNSDVNA	65	>KIT-V399I- <del>r</del> FLVSNSDINA	56	9



>KIT-V399I-м FLVSNSDV	6	>KIT-V399I-н FLVSNSDI	13	7
>KIT-V399I-м FLVSNSDVNA	24	>KIT-V399I-н FLVSNSDINA	18	6
>KIT-V399I-м FLVSNSDVNA	5	>KIT-V399I-н FLVSNSDINA	4	1
>KIT-V399I-м FLVSNSDV	3	>KIT-V399I-н FLVSNSDI	7	4
>KIT-V399I-м FLVSNSDVNA	40	>KIT-V399I-н FLVSNSDINA	39	1
>KIT-V399I-м FLVSNSDVNA	4	>KIT-V399I-н FLVSNSDINA	4	0
>KIT-V399I-м FLVSNSDV	17	>KIT-V399I-н FLVSNSDI	82	65
>KIT-V399I-м FLVSNSDVNA	127	>KIT-V399I-н FLVSNSDINA	79	48
>KIT-V399I-м FLVSNSDVNA	24	>KIT-V399I-н FLVSNSDINA	19	5
>KIT-V399I-м FLVSNSDV	3	>KIT-V399I-н FLVSNSDI	17	14
>KIT-V399I-м FLVSNSDVNA	25	>KIT-V399I-н FLVSNSDINA	28	3
>KIT-V399I-м FLVSNSDVNA	8	>KIT-V399I-н FLVSNSDINA	9	1
>KIT-V399I-м FLVSNSDV	5	>KIT-V399I-н FLVSNSDI	13	8
>KIT-V399I-м FLVSNSDVNA	13	>KIT-V399I-н FLVSNSDINA	14	1
>KIT-V399I-м FLVSNSDVNA	6	>KIT-V399I-н FLVSNSDINA	6	0
>KIT-V399I-м FLVSNSDV	8	>KIT-V399I-н FLVSNSDI	67	59
>KIT-V399I-м FLVSNSDVNA	30	>KIT-V399I-н FLVSNSDINA	30	0
>KIT-V399I-м FLVSNSDVNA	56	>KIT-V399I-н FLVSNSDINA	58	2
>KIT-V399I-м FLVSNSDV	10	>KIT-V399I-н FLVSNSDI	271	261
>KIT-V399I-м FLVSNSDVNA	287	>KIT-V399I-н FLVSNSDINA	367	80
>KIT-V399I-м FLVSNSDVNA	120	>KIT-V399I-н FLVSNSDINA	157	37
>KIT-V399I-м FLVSNSDV	2	>KIT-V399I-н FLVSNSDI	6	4
>KIT-V399I-м FLVSNSDVNA	6	>KIT-V399I-н FLVSNSDINA	7	1
>KIT-V399I-м FLVSNSDVNA	7	>KIT-V399I-н FLVSNSDINA	6	1
>KIT-V399I-м FLVSNSDV	469	>KIT-V399I-н FLVSNSDI	340	129
>KIT-V399I-м FLVSNSDVNA	538	>KIT-V399I-н FLVSNSDINA	471	67
>KIT-V399I-м TFLVSNSDV	132	>KIT-V399I-н TFLVSNSDI	10	122
>KIT-V399I-м TFLVSNSDV	4710	>KIT-V399I-н TFLVSNSDI	281	4429
>KIT-V399I-м YTFLVSNSDV	2596	>KIT-V399I-н YTFLVSNSDI	374	2222
>KIT-V399I-м YTFLVSNSDV	251	>KIT-V399I-н YTFLVSNSDI	1448	1197
>KIT-V399I-м YTFLVSNSDV	118	>KIT-V399I-н YTFLVSNSDI	236	118
>KIT-V399I-м YTFLVSNSDV	43	>KIT-V399I-н YTFLVSNSDI	145	102
>KIT-V399I-м YTFLVSNSDV	85	>KIT-V399I-н YTFLVSNSDI	266	181
>KIT-V399I-м YTFLVSNSDV	42	>KIT-V399I-н YTFLVSNSDI	604	562
>KIT-V399I-м YTFLVSNSDV	185	>KIT-V399I-н YTFLVSNSDI	2107	1922
>KIT-V399I-м YTFLVSNSDV	54	>KIT-V399I-н YTFLVSNSDI	1534	1480
>KIT-V399I-м YTFLVSNSDV	70	>KIT-V399I-н YTFLVSNSDI	7760	7690
>KIT-V399I-м YTFLVSNSDV	1293	>KIT-V399I-н YTFLVSNSDI	143	1150
>KIT-V399I-м YTFLVSNSDV	43	>KIT-V399I-н YTFLVSNSDI	103	60
>KIT-V399I-м YTFLVSNSDV	54	>KIT-V399I-н YTFLVSNSDI	353	299
>KIT-V399I-м YTFLVSNSDV	327	>KIT-V399I-н YTFLVSNSDI	273	54
>KIT-V399I-м YTFLVSNSDV	162	>KIT-V399I-н YTFLVSNSDI	35	127
>KIT-V399I-м YTFLVSNSDV	732	>KIT-V399I-н YTFLVSNSDI	458	274

>KIT-V399I-w YTFVLSNSDV	96	>KIT-V399I-r YTFVLSNSDI	124	28
>KIT-V399I-w YTFVLSNSDV	145	>KIT-V399I-r YTFVLSNSDIN	154	9
>KIT-V399I-w YTFVLSNSDV	1634	>KIT-V399I-r YTFVLSNSDI	38	1596
>KIT-V457M- EQRCASVLP	3380	>KIT-V457M- EQRCASVLP	55	3325
>KIT-V457M- EQRCASVLP	165	>KIT-V457M- EQRCASVLP	36	129
>KIT-V457M- EQRCASVLP	16	>KIT-V457M- EQRCASVLP	7	9
>KIT-V457M- LPVDVQTL	192	>KIT-V457M- LPMDVQTL	31	161
>KIT-V457M- LPVDVQTL	34	>KIT-V457M- LPMDVQTL	37	3
>KIT-V457M- LPVDVQTL	590	>KIT-V457M- LPMDVQTL	136	454
>KIT-V457M- LPVDVQTL	241	>KIT-V457M- LPMDVQTL	203	38
>KIT-V457M- LPVDVQTL	56	>KIT-V457M- LPMDVQTL	42	14
>KIT-V457M- LPVDVQTLN	262	>KIT-V457M- LPMDVQTLN	230	32
>KIT-V457M- LPVDVQTLNS	372	>KIT-V457M- LPMDVQTLN	83	289
>KIT-V457M- LPVDVQTLNS	47	>KIT-V457M- LPMDVQTLN	42	5
>KIT-V457M- LPVDVQTL	113	>KIT-V457M- LPMDVQTL	213	100
>KIT-V457M- LPVDVQTL	114	>KIT-V457M- LPMDVQTL	113	1
>KIT-V457M- VLPVDVQTL	365	>KIT-V457M- VLPMDVQTL	425	60
>KIT-V457M- VLPVDVQTL	168	>KIT-V457M- VLPMDVQTL	65	103
>KIT-V457M- VLPVDVQTL	16	>KIT-V457M- VLPMDVQTL	8	8
>KIT-V457M- VLPVDVQTL	40	>KIT-V457M- VLPMDVQTL	40	0
>KIT-V457M- VLPVDVQTL	29	>KIT-V457M- VLPMDVQTL	23	6
>KIT-V457M- VLPVDVQTL	50	>KIT-V457M- VLPMDVQTL	55	5
>KIT-V457M- VLPVDVQTL	129	>KIT-V457M- VLPMDVQTL	62	67
>KIT-V457M- VLPVDVQTL	4	>KIT-V457M- VLPMDVQTL	3	1
>KIT-V457M- VLPVDVQTL	507	>KIT-V457M- VLPMDVQTL	147	360
>KIT-V457M- SVLPVDVQTL	431	>KIT-V457M- SVLPMDVQTL	401	30
>KIT-V457M- SVLPVDVQTL	56	>KIT-V457M- SVLPMDVQTL	184	128
>KIT-V457M- SVLPVDVQTL	279	>KIT-V457M- SVLPMDVQTL	446	167
>KIT-V457M- SVLPVDVQTL	38	>KIT-V457M- SVLPMDVQTL	96	58
>KIT-V457M- SVLPVDVQTL	55	>KIT-V457M- SVLPMDVQTL	29	26
>KIT-V457M- SVLPVDVQTL	200	>KIT-V457M- SVLPMDVQTL	164	36
>KIT-V457M- SVLPVDVQTL	633	>KIT-V457M- SVLPMDVQTL	174	459
>KIT-V457M- ASVLPVDVQ	1209	>KIT-V457M- ASVLPMDVQ	203	1006
>KIT-V457M- ASVLPVDVQ	197	>KIT-V457M- ASVLPMDVQ	85	112
>KIT-V457M- ASVLPVDVQ	14	>KIT-V457M- ASVLPMDVQ	11	3
>KIT-V457M- CSASVLPV	424	>KIT-V457M- CSASVLP	3513	3089
>KIT-V457M- CSASVLPV	12583	>KIT-V457M- CSASVLP	237	12346
>KIT-V457M- CSASVLPV	29	>KIT-V457M- CSASVLP	2047	2018
>KIT-V457M- CSASVLPV	4437	>KIT-V457M- CSASVLP	174	4263
>KIT-V457M- CSASVLPV	5598	>KIT-V457M- CSASVLP	89	5509
>KIT-V457M- CSASVLPV	2231	>KIT-V457M- CSASVLP	450	1781
>KIT-V457M- CSASVLPV	4270	>KIT-V457M- CSASVLP	212	4058
>KIT-V457M- CSASVLPV	349	>KIT-V457M- CSASVLP	123	226

>KIT-V457M- RCSASVLPV	221	>KIT-V457M- RCSASVLPV	365	144
>KIT-V457M- RCSASVLPV	424	>KIT-V457M- RCSASVLPV	93	331
>KIT-V457M- RCSASVLPV	4272	>KIT-V457M- RCSASVLPV	314	3958
>KIT-V457M- QRCSASVLPV	202	>KIT-V457M- QRCSASVLPV	61	141
>KIT-V457M- QRCSASVLPV	1693	>KIT-V457M- QRCSASVLPV	469	1224
>KIT-V457M- QRCSASVLPV	319	>KIT-V457M- QRCSASVLPV	96	223
>KIT-V489A-1 VECKAYNDV	225	>KIT-V489A-1 VECKAYNDV	504	279
>KIT-V489A-1 VECKAYNDV	844	>KIT-V489A-1 VECKAYNDV	263	581
>KIT-V489A-1 VECKAYNDV	1399	>KIT-V489A-1 VECKAYNDV	42	1357
>KIT-V489A-1 VECKAYNDV	6094	>KIT-V489A-1 VECKAYNDV	456	5638
>KIT-V489A-1 VECKAYNDV	221	>KIT-V489A-1 VECKAYNDV	43	178
>KIT-V489A-1 DSSAFKHNGT	102	>KIT-V489A-1 DSSAFKHNGT	1239	1137
>KIT-V489A-1 DSSAFKHNGT	281	>KIT-V489A-1 DSSAFKHNGT	5102	4821
>KIT-V489A-1 GTVECKAYNE	1696	>KIT-V489A-1 GTVECKAYNE	380	1316
>KIT-V489A-1 GTVECKAYNE	837	>KIT-V489A-1 GTVECKAYNE	318	519
>KIT-V489A-1 GTVECKAYNE	1185	>KIT-V489A-1 GTVECKAYNE	262	923
>KIT-V489A-1 GTVECKAYNE	983	>KIT-V489A-1 GTVECKAYNE	456	527
>KIT-V489A-1 GTVECKAY	148	>KIT-V489A-1 GTVECKAY	725	577
>KIT-V489A-1 GTVECKAY	190	>KIT-V489A-1 GTVECKAY	136	54
>KIT-V489A-1 GTVECKAY	269	>KIT-V489A-1 GTVECKAY	78	191
>KIT-V489A-1 GTVECKAYNE	585	>KIT-V489A-1 GTVECKAYNE	194	391
>KIT-V489A-1 GTVECKAY	14	>KIT-V489A-1 GTVECKAY	32	18
>KIT-V489A-1 GTVECKAY	2154	>KIT-V489A-1 GTVECKAY	490	1664
>KIT-V489A-1 NGTVECKAY	1139	>KIT-V489A-1 NGTVECKAY	472	667
>KIT-V489A-1 KHNGTVECKA	80	>KIT-V489A-1 KHNGTVECKA	93	13
>KIT-V489A-1 FKHNGTVEC	335	>KIT-V489A-1 FKHNGTVEC	836	501
>KIT-V489A-1 FKHNGTVECK	208	>KIT-V489A-1 FKHNGTVECK	372	164
>KIT-V489A-1 FKHNGTVECK	355	>KIT-V489A-1 FKHNGTVECK	390	35
>KIT-V489A-1 AFKHNGTV	283	>KIT-V489A-1 AFKHNGTV	144	139
>KIT-V489A-1 AFKHNGTVEC	88	>KIT-V489A-1 AFKHNGTVEC	99	11
>KIT-V489A-1 SAFKHNGTV	302	>KIT-V489A-1 SAFKHNGTV	2296	1994
>KIT-V489A-1 SAFKHNGTV	282	>KIT-V489A-1 SAFKHNGTV	8332	8050
>KIT-V489A-1 SAFKHNGTV	179	>KIT-V489A-1 SAFKHNGTV	2944	2765
>KIT-V489A-1 SAFKHNGTV	138	>KIT-V489A-1 SAFKHNGTV	4454	4316
>KIT-V489A-1 SAFKHNGTV	387	>KIT-V489A-1 SAFKHNGTV	3813	3426
>KIT-V489A-1 SSAFEKHNGTV	94	>KIT-V489A-1 SSAFEKHNGTV	708	614
>KIT-V489A-1 SSAFEKHNGTV	56	>KIT-V489A-1 SSAFEKHNGTV	239	183
>KIT-V50M-v RVGDEIRL	4594	>KIT-V50M-n RMGDEIRL	164	4430
>KIT-V50M-v RVGDEIRLL	5557	>KIT-V50M-n RMGDEIRLL	245	5312
>KIT-V50M-v RVGDEIRL	2591	>KIT-V50M-n RMGDEIRL	82	2509
>KIT-V50M-v RVGDEIRLL	774	>KIT-V50M-n RMGDEIRLL	21	753
>KIT-V50M-v RVGDEIRLL	2112	>KIT-V50M-n RMGDEIRLL	63	2049
>KIT-V50M-v RVGDEIRL	694	>KIT-V50M-n RMGDEIRL	8	686

>KIT-V50M-v RVGDEIRLL	832	>KIT-V50M-n RMGDEIRLL	7	825
>KIT-V50M-v RVGDEIRLLC	7078	>KIT-V50M-n RMGDEIRLLC	150	6928
>KIT-V50M-v RVGDEIRLLC†	12961	>KIT-V50M-n RMGDEIRLLC	332	12629
>KIT-V50M-v RVGDEIRL	5745	>KIT-V50M-n RMGDEIRL	25	5720
>KIT-V50M-v RVGDEIRLL	7492	>KIT-V50M-n RMGDEIRLL	42	7450
>KIT-V50M-v RVGDEIRL	5168	>KIT-V50M-n RMGDEIRL	45	5123
>KIT-V50M-v RVGDEIRLL	8790	>KIT-V50M-n RMGDEIRLL	105	8685
>KIT-V50M-v RVGDEIRL	6312	>KIT-V50M-n RMGDEIRL	98	6214
>KIT-V50M-v RVGDEIRLL	10638	>KIT-V50M-n RMGDEIRLL	218	10420
>KIT-V50M-v RVGDEIRL	330	>KIT-V50M-n RMGDEIRL	6	324
>KIT-V50M-v RVGDEIRLL	865	>KIT-V50M-n RMGDEIRLL	9	856
>KIT-V50M-v RVGDEIRLLC	9339	>KIT-V50M-n RMGDEIRLLC	125	9214
>KIT-V50M-v HPGKSDLIVR'	3014	>KIT-V50M-n HPGKSDLIVR'	295	2719
>KIT-V50M-v HPGKSDLIVR'	997	>KIT-V50M-n HPGKSDLIVR'	159	838
>KIT-V50M-v HPGKSDLIVR'	3509	>KIT-V50M-n HPGKSDLIVR'	67	3442
>KIT-V50M-v HPGKSDLIVR'	1520	>KIT-V50M-n HPGKSDLIVR'	297	1223
>KIT-V50M-v VRVGDEIRL	1193	>KIT-V50M-n VRMGDEIRL	178	1015
>KIT-V50M-v VRVGDEIRLL	259	>KIT-V50M-n VRMGDEIRLL	147	112
>KIT-V50M-v VRVGDEIRL	1618	>KIT-V50M-n VRMGDEIRL	406	1212
>KIT-V50M-v VRVGDEIRLL	548	>KIT-V50M-n VRMGDEIRLL	270	278
>KIT-V50M-v IVRVGDEIRLL	401	>KIT-V50M-n IVRMGDEIRL	371	30
>KIT-V50M-v IVRVGDEIR	468	>KIT-V50M-n IVRMGDEIR	429	39
>KIT-V50M-v IVRVGDEIR	648	>KIT-V50M-n IVRMGDEIR	499	149
>KIT-V50M-v IVRVGDEIRL	487	>KIT-V50M-n IVRMGDEIRL	359	128
>KIT-V50M-v IVRVGDEIRLL	623	>KIT-V50M-n IVRMGDEIRL	460	163
>KIT-V50M-v LIVRVGDEI	462	>KIT-V50M-n LIVRMGDEI	1247	785
>KIT-V50M-v LIVRVGDEI	330	>KIT-V50M-n LIVRMGDEI	2434	2104
>KIT-V50M-v LIVRVGDEIRL	225	>KIT-V50M-n LIVRMGDEIR	126	99
>KIT-V50M-v LIVRVGDEIR	182	>KIT-V50M-n LIVRMGDEIR	308	126
>KIT-V50M-v DLIVRVGDEIF	112	>KIT-V50M-n DLIVRMGDEI	80	32
>KIT-V50M-v DLIVRVGDEIF	201	>KIT-V50M-n DLIVRMGDEI	225	24
>KIT-V50M-v SDLIVRVGDE	86	>KIT-V50M-n SDLIVRMGDE	90	4
>KIT-V50M-v SDLIVRVGDE	350	>KIT-V50M-n SDLIVRMGDE	261	89
>KIT-V50M-v SDLIVRVGDE	110	>KIT-V50M-n SDLIVRMGDE	83	27
>KIT-V50M-v KSDLIVRV	790	>KIT-V50M-n KSDLIVRM	21	769
>KIT-V50M-v KSDLIVRV	8534	>KIT-V50M-n KSDLIVRM	267	8267
>KIT-V50M-v KSDLIVRV	2969	>KIT-V50M-n KSDLIVRM	145	2824
>KIT-V50M-v GKSDLIVRV	318	>KIT-V50M-n GKSDLIVRM	20854	20536
>KIT-V530I-v VIVAGMMCI	576	>KIT-V530I-n IIVAGMMCI	341	235
>KIT-V530I-v VIVAGMMCI	808	>KIT-V530I-n IIVAGMMCI	426	382
>KIT-V530I-v VIVAGMMCI	284	>KIT-V530I-n IIVAGMMCI	204	80
>KIT-V530I-v VIVAGMMCI	695	>KIT-V530I-n IIVAGMMCI	295	400
>KIT-V530I-v VIVAGMMCI	82	>KIT-V530I-n IIVAGMMCI	63	19

>KIT-V530I-va VIVAGMMCI	160	>KIT-V530I-ri IIVAGMMCI	120	40
>KIT-V530I-va VIVAGMMCI	42	>KIT-V530I-ri IIVAGMMCI\	36	6
>KIT-V530I-va VIVAGMMCI	307	>KIT-V530I-ri IIVAGMMCI\	359	52
>KIT-V530I-va VIVAGMMCI	202	>KIT-V530I-ri IIVAGMMCI\	395	193
>KIT-V530I-va VIVAGMMCI	442	>KIT-V530I-ri IIVAGMMCI	615	173
>KIT-V530I-va VIVAGMMCI	12	>KIT-V530I-ri IIVAGMMCI\	15	3
>KIT-V530I-va FVIVAGMMC	627	>KIT-V530I-ri FIIVAGMMCI	254	373
>KIT-V530I-va FVIVAGMMC	550	>KIT-V530I-ri FIIVAGMMCI	285	265
>KIT-V530I-va FVIVAGMMC	202	>KIT-V530I-ri FIIVAGMMCI	134	68
>KIT-V530I-va FVIVAGMMC	411	>KIT-V530I-ri FIIVAGMMCI	172	239
>KIT-V530I-va FVIVAGMMC	150	>KIT-V530I-ri FIIVAGMMCI	95	55
>KIT-V530I-va FVIVAGMMC	97	>KIT-V530I-ri FIIVAGMMCI	41	56
>KIT-V530I-va FVIVAGMM	202	>KIT-V530I-ri FIIVAGMM	251	49
>KIT-V530I-va FVIVAGMMC	67	>KIT-V530I-ri FIIVAGMMCI	67	0
>KIT-V530I-va FVIVAGMMC	22	>KIT-V530I-ri FIIVAGMMCI	27	5
>KIT-V530I-va FVIVAGMMC	1071	>KIT-V530I-ri FIIVAGMMCI	357	714
>KIT-V530I-va FVIVAGMMC	1292	>KIT-V530I-ri FIIVAGMMCI	370	922
>KIT-V530I-va FVIVAGMMC	580	>KIT-V530I-ri FIIVAGMMCI	184	396
>KIT-V530I-va FVIVAGMM	79	>KIT-V530I-ri FIIVAGMM	203	124
>KIT-V530I-va FVIVAGMM	87	>KIT-V530I-ri FIIVAGMM	360	273
>KIT-V530I-va FVIVAGMMC	211	>KIT-V530I-ri FIIVAGMMCI	447	236
>KIT-V530I-va FVIVAGMMC	103	>KIT-V530I-ri FIIVAGMMCI	454	351
>KIT-V530I-va FVIVAGMM	238	>KIT-V530I-ri FIIVAGMM	483	245
>KIT-V530I-va FVIVAGMMC	255	>KIT-V530I-ri FIIVAGMMCI	501	246
>KIT-V530I-va FVIVAGMMC	365	>KIT-V530I-ri FIIVAGMMCI	671	306
>KIT-V530I-va FVIVAGMM	314	>KIT-V530I-ri FIIVAGMM	1301	987
>KIT-V530I-va FVIVAGMM	418	>KIT-V530I-ri FIIVAGMM	5377	4959
>KIT-V530I-va TLFTPLLIGFV	15	>KIT-V530I-ri TLFTPLLIGFI	49	34
>KIT-V530I-va TLFTPLLIGFV	15	>KIT-V530I-ri TLFTPLLIGFI	76	61
>KIT-V530I-va TLFTPLLIGFV	9	>KIT-V530I-ri TLFTPLLIGFI	26	17
>KIT-V530I-va TLFTPLLIGFV	44	>KIT-V530I-ri TLFTPLLIGFI	374	330
>KIT-V530I-va TLFTPLLIGFV	3	>KIT-V530I-ri TLFTPLLIGFI	10	7
>KIT-V530I-va TLFTPLLIGFV	12	>KIT-V530I-ri TLFTPLLIGFI	153	141
>KIT-V530I-va TLFTPLLIGFV	8	>KIT-V530I-ri TLFTPLLIGFI	65	57
>KIT-V530I-va TLFTPLLIGFV	20	>KIT-V530I-ri TLFTPLLIGFI	1282	1262
>KIT-V530I-va TLFTPLLIGFV	4	>KIT-V530I-ri TLFTPLLIGFI	64	60
>KIT-V530I-va TLFTPLLIGFV	23	>KIT-V530I-ri TLFTPLLIGFI	62	39
>KIT-V530I-va TLFTPLLIGFV	52	>KIT-V530I-ri TLFTPLLIGFI	426	374
>KIT-V530I-va GFVIVAGMM	185	>KIT-V530I-ri GFIIIVAGMM	296	111
>KIT-V530I-va IGFVIVAGM	161	>KIT-V530I-ri IGFIIVAGM	246	85
>KIT-V530I-va IGFVIVAGM	247	>KIT-V530I-ri IGFIIVAGM	105	142
>KIT-V530I-va IGFVIVAGM	232	>KIT-V530I-ri IGFIIVAGM	304	72
>KIT-V530I-va IGFVIVAGMM	490	>KIT-V530I-ri IGFIIVAGMM	336	154

>KIT-V530I- $\nu$ LIGFVIVA	475	>KIT-V530I- $\pi$ LIGFIIVA	756	281
>KIT-V530I- $\nu$ LIGFVIVAGM	409	>KIT-V530I- $\pi$ LIGFIIVAGM	738	329
>KIT-V530I- $\nu$ LIGFVIVAGM	508	>KIT-V530I- $\pi$ LIGFIIVAGM $\pi$	455	53
>KIT-V530I- $\nu$ LLIGFVIV	15	>KIT-V530I- $\pi$ LLIGFIIV	13	2
>KIT-V530I- $\nu$ LLIGFVIVA	34	>KIT-V530I- $\pi$ LLIGFIIVA	28	6
>KIT-V530I- $\nu$ LLIGFVIVAG	496	>KIT-V530I- $\pi$ LLIGFIIVAG	483	13
>KIT-V530I- $\nu$ LLIGFVIVAGM	43	>KIT-V530I- $\pi$ LLIGFIIVAGM	39	4
>KIT-V530I- $\nu$ LLIGFVIV	13	>KIT-V530I- $\pi$ LLIGFIIV	19	6
>KIT-V530I- $\nu$ LLIGFVIVA	51	>KIT-V530I- $\pi$ LLIGFIIVA	47	4
>KIT-V530I- $\nu$ LLIGFVIVAGM	42	>KIT-V530I- $\pi$ LLIGFIIVAGM	40	2
>KIT-V530I- $\nu$ LLIGFVIV	7	>KIT-V530I- $\pi$ LLIGFIIV	7	0
>KIT-V530I- $\nu$ LLIGFVIVA	18	>KIT-V530I- $\pi$ LLIGFIIVA	23	5
>KIT-V530I- $\nu$ LLIGFVIVAGM	30	>KIT-V530I- $\pi$ LLIGFIIVAGM	33	3
>KIT-V530I- $\nu$ LLIGFVIV	10	>KIT-V530I- $\pi$ LLIGFIIV	9	1
>KIT-V530I- $\nu$ LLIGFVIVA	188	>KIT-V530I- $\pi$ LLIGFIIVA	94	94
>KIT-V530I- $\nu$ LLIGFVIVAGM	194	>KIT-V530I- $\pi$ LLIGFIIVAGM	149	45
>KIT-V530I- $\nu$ LLIGFVIV	3	>KIT-V530I- $\pi$ LLIGFIIV	3	0
>KIT-V530I- $\nu$ LLIGFVIVA	5	>KIT-V530I- $\pi$ LLIGFIIVA	5	0
>KIT-V530I- $\nu$ LLIGFVIVAG	154	>KIT-V530I- $\pi$ LLIGFIIVAG	180	26
>KIT-V530I- $\nu$ LLIGFVIVAGM	8	>KIT-V530I- $\pi$ LLIGFIIVAGM	6	2
>KIT-V530I- $\nu$ LLIGFVIV	4	>KIT-V530I- $\pi$ LLIGFIIV	4	0
>KIT-V530I- $\nu$ LLIGFVIVA	66	>KIT-V530I- $\pi$ LLIGFIIVA	54	12
>KIT-V530I- $\nu$ LLIGFVIVAGM	65	>KIT-V530I- $\pi$ LLIGFIIVAGM	63	2
>KIT-V530I- $\nu$ LLIGFVIV	7	>KIT-V530I- $\pi$ LLIGFIIV	7	0
>KIT-V530I- $\nu$ LLIGFVIVA	60	>KIT-V530I- $\pi$ LLIGFIIVA	59	1
>KIT-V530I- $\nu$ LLIGFVIVAGM	240	>KIT-V530I- $\pi$ LLIGFIIVAGM	225	15
>KIT-V530I- $\nu$ LLIGFVIV	11	>KIT-V530I- $\pi$ LLIGFIIV	13	2
>KIT-V530I- $\nu$ LLIGFVIVA	463	>KIT-V530I- $\pi$ LLIGFIIVA	587	124
>KIT-V530I- $\nu$ LLIGFVIVAGM	46	>KIT-V530I- $\pi$ LLIGFIIVAGM	62	16
>KIT-V530I- $\nu$ LLIGFVIV	2	>KIT-V530I- $\pi$ LLIGFIIV	2	0
>KIT-V530I- $\nu$ LLIGFVIVA	4	>KIT-V530I- $\pi$ LLIGFIIVA	3	1
>KIT-V530I- $\nu$ LLIGFVIVAG	804	>KIT-V530I- $\pi$ LLIGFIIVAG	487	317
>KIT-V530I- $\nu$ LLIGFVIVAGM	7	>KIT-V530I- $\pi$ LLIGFIIVAGM	5	2
>KIT-V530I- $\nu$ LLIGFVIVAGM	112	>KIT-V530I- $\pi$ LLIGFIIVAGM	130	18
>KIT-V530I- $\nu$ LLIGFVIVAGM	438	>KIT-V530I- $\pi$ LLIGFIIVAGM	634	196
>KIT-V530I- $\nu$ LLIGFVIVAGM	96	>KIT-V530I- $\pi$ LLIGFIIVAGM	112	16
>KIT-V530I- $\nu$ PLLIGFVIV	290	>KIT-V530I- $\pi$ PLLIGFIIV	326	36
>KIT-V530I- $\nu$ PLLIGFVI	53	>KIT-V530I- $\pi$ PLLIGFII	138	85
>KIT-V530I- $\nu$ PLLIGFVIV	25	>KIT-V530I- $\pi$ PLLIGFIIV	23	2
>KIT-V530I- $\nu$ PLLIGFVIVA	186	>KIT-V530I- $\pi$ PLLIGFIIVA	154	32
>KIT-V530I- $\nu$ PLLIGFVIV	292	>KIT-V530I- $\pi$ PLLIGFIIV	324	32
>KIT-V530I- $\nu$ PLLIGFVI	83	>KIT-V530I- $\pi$ PLLIGFII	99	16
>KIT-V530I- $\nu$ PLLIGFVIV	14	>KIT-V530I- $\pi$ PLLIGFIIV	14	0

>KIT-V530I- $\omega$ PLLIGFVIVA	217	>KIT-V530I- $\pi$ PLLIGFIIVA	212	5
>KIT-V530I- $\omega$ PLLIGFVI	234	>KIT-V530I- $\pi$ PLLIGFII	389	155
>KIT-V530I- $\omega$ PLLIGFVIV	50	>KIT-V530I- $\pi$ PLLIGFIIV	64	14
>KIT-V530I- $\omega$ PLLIGFVI	155	>KIT-V530I- $\pi$ PLLIGFII	219	64
>KIT-V530I- $\omega$ PLLIGFVIV	10	>KIT-V530I- $\pi$ PLLIGFIIV	11	1
>KIT-V530I- $\omega$ PLLIGFVIVA	145	>KIT-V530I- $\pi$ PLLIGFIIVA	122	23
>KIT-V530I- $\omega$ TPLLIGFV	389	>KIT-V530I- $\pi$ TPLLIGFI	109	280
>KIT-V530I- $\omega$ TPLLIGFV	436	>KIT-V530I- $\pi$ TPLLIGFI	177	259
>KIT-V530I- $\omega$ TPLLIGFV	127	>KIT-V530I- $\pi$ TPLLIGFI	522	395
>KIT-V530I- $\omega$ TPLLIGFVIV	384	>KIT-V530I- $\pi$ TPLLIGFIIV	325	59
>KIT-V530I- $\omega$ TPLLIGFVIV	82	>KIT-V530I- $\pi$ TPLLIGFIIV	93	11
>KIT-V530I- $\omega$ TPLLIGFVI	343	>KIT-V530I- $\pi$ TPLLIGFII	201	142
>KIT-V530I- $\omega$ TPLLIGFVI	115	>KIT-V530I- $\pi$ TPLLIGFII	102	13
>KIT-V530I- $\omega$ TPLLIGFV	459	>KIT-V530I- $\pi$ TPLLIGFI	2125	1666
>KIT-V530I- $\omega$ TPLLIGFVI	121	>KIT-V530I- $\pi$ TPLLIGFII	119	2
>KIT-V530I- $\omega$ TPLLIGFVIV	45	>KIT-V530I- $\pi$ TPLLIGFIIV	47	2
>KIT-V530I- $\omega$ TPLLIGFVIVA	19	>KIT-V530I- $\pi$ TPLLIGFIIVA	17	2
>KIT-V530I- $\omega$ TPLLIGFV	473	>KIT-V530I- $\pi$ TPLLIGFI	49	424
>KIT-V530I- $\omega$ FTPLLIGFV	408	>KIT-V530I- $\pi$ FTPLLIGFI	31	377
>KIT-V530I- $\omega$ FTPLLIGFV	452	>KIT-V530I- $\pi$ FTPLLIGFI	2494	2042
>KIT-V530I- $\omega$ FTPLLIGFV	78	>KIT-V530I- $\pi$ FTPLLIGFI	218	140
>KIT-V530I- $\omega$ FTPLLIGFVI	381	>KIT-V530I- $\pi$ FTPLLIGFII	440	59
>KIT-V530I- $\omega$ FTPLLIGFVIV	346	>KIT-V530I- $\pi$ FTPLLIGFIIV	520	174
>KIT-V530I- $\omega$ FTPLLIGFV	40	>KIT-V530I- $\pi$ FTPLLIGFI	194	154
>KIT-V530I- $\omega$ FTPLLIGFVIV	141	>KIT-V530I- $\pi$ FTPLLIGFIIV	177	36
>KIT-V530I- $\omega$ FTPLLIGFV	12	>KIT-V530I- $\pi$ FTPLLIGFI	102	90
>KIT-V530I- $\omega$ FTPLLIGFVI	147	>KIT-V530I- $\pi$ FTPLLIGFII	148	1
>KIT-V530I- $\omega$ FTPLLIGFVIV	22	>KIT-V530I- $\pi$ FTPLLIGFIIV	23	1
>KIT-V530I- $\omega$ FTPLLIGFV	28	>KIT-V530I- $\pi$ FTPLLIGFI	426	398
>KIT-V530I- $\omega$ FTPLLIGFVIV	178	>KIT-V530I- $\pi$ FTPLLIGFIIV	157	21
>KIT-V530I- $\omega$ FTPLLIGFV	68	>KIT-V530I- $\pi$ FTPLLIGFI	2665	2597
>KIT-V530I- $\omega$ FTPLLIGFVIV	192	>KIT-V530I- $\pi$ FTPLLIGFIIV	176	16
>KIT-V530I- $\omega$ FTPLLIGFV	307	>KIT-V530I- $\pi$ FTPLLIGFI	13048	12741
>KIT-V530I- $\omega$ FTPLLIGFVIV	158	>KIT-V530I- $\pi$ FTPLLIGFIIV	203	45
>KIT-V530I- $\omega$ FTPLLIGFV	5	>KIT-V530I- $\pi$ FTPLLIGFI	8	3
>KIT-V530I- $\omega$ FTPLLIGFVI	98	>KIT-V530I- $\pi$ FTPLLIGFII	126	28
>KIT-V530I- $\omega$ FTPLLIGFVIV	13	>KIT-V530I- $\pi$ FTPLLIGFIIV	20	7
>KIT-V530I- $\omega$ FTPLLIGFV	136	>KIT-V530I- $\pi$ FTPLLIGFI	1119	983
>KIT-V530I- $\omega$ FTPLLIGFVIV	504	>KIT-V530I- $\pi$ FTPLLIGFIIV	386	118
>KIT-V530I- $\omega$ FTPLLIGFV	3	>KIT-V530I- $\pi$ FTPLLIGFI	2	1
>KIT-V530I- $\omega$ FTPLLIGFVI	3	>KIT-V530I- $\pi$ FTPLLIGFII	2	1
>KIT-V530I- $\omega$ FTPLLIGFVIV	3	>KIT-V530I- $\pi$ FTPLLIGFIIV	3	0
>KIT-V530I- $\omega$ FTPLLIGFVI	238	>KIT-V530I- $\pi$ FTPLLIGFII	175	63

>KIT-V530I-w FTPLLIGFV	3882	>KIT-V530I-r FTPLLIGFI	59	3823
>KIT-V530I-w FTPLLIGFVI	61	>KIT-V530I-r FTPLLIGFII	69	8
>KIT-V530I-w LFTPLLIGFV	296	>KIT-V530I-r LFTPLLIGFI	11703	11407
>KIT-V530I-w LFTPLLIGFV	1779	>KIT-V530I-r LFTPLLIGFI	44	1735
>KIT-V530I-w LFTPLLIGFVI	49	>KIT-V530I-r LFTPLLIGFII	114	65
>KIT-V530I-w LFTPLLIGFV	453	>KIT-V530I-r LFTPLLIGFI	927	474
>KIT-V555E-v VQWKVVEEI	154	>KIT-V555E-r EQWKVVEEI	122	32
>KIT-V555E-v VQWKVVEEI	91	>KIT-V555E-r EQWKVVEEI	2195	2104
>KIT-V555E-v VQWKVVEEI	43	>KIT-V555E-r EQWKVVEEI	405	362
>KIT-V555E-v VQWKVVEEI	17	>KIT-V555E-r EQWKVVEEI	181	164
>KIT-V555E-v VQWKVVEEI	75	>KIT-V555E-r EQWKVVEEI	943	868
>KIT-V555E-v VQWKVVEEI	468	>KIT-V555E-r EQWKVVEEI	920	452
>KIT-V555E-v VQWKVVEEI	57	>KIT-V555E-r EQWKVVEEI	299	242
>KIT-V555E-v EVQWKVVEE	8145	>KIT-V555E-r EEQWKVVEE	49	8096
>KIT-V555E-v EVQWKVVEE	147	>KIT-V555E-r EEQWKVVEE	14532	14385
>KIT-V555E-v EVQWKVVEE	32205	>KIT-V555E-r EEQWKVVEE	153	32052
>KIT-V555E-v EVQWKVVEE	21804	>KIT-V555E-r EEQWKVVEE	156	21648
>KIT-V555E-v EVQWKVVEE	31478	>KIT-V555E-r EEQWKVVEE	485	30993
>KIT-V555E-v EVQWKVVEE	24124	>KIT-V555E-r EEQWKVVEE	116	24008
>KIT-V555E-v YKYLQKPMYE	499	>KIT-V555E-r YKYLQKPMYE	26725	26226
>KIT-V555E-v YKYLQKPMYE	447	>KIT-V555E-r YKYLQKPMYE	26147	25700
>KIT-V555E-v YKYLQKPMYE	121	>KIT-V555E-r YKYLQKPMYE	25526	25405
>KIT-V555E-v YKYLQKPMYE	356	>KIT-V555E-r YKYLQKPMYE	25286	24930
>KIT-V555E-v YKYLQKPMYE	365	>KIT-V555E-r YKYLQKPMYE	35651	35286
>KIT-V555E-v YKYLQKPMYE	39	>KIT-V555E-r YKYLQKPMYE	2658	2619
>KIT-V555E-v YEVQWKVV	10	>KIT-V555E-r YEEQWKVV	16	6
>KIT-V555E-v YEVQWKVVE	11	>KIT-V555E-r YEEQWKVVE	9	2
>KIT-V555E-v YEVQWKVV	373	>KIT-V555E-r YEEQWKVV	1693	1320
>KIT-V555E-v YEVQWKVVE	343	>KIT-V555E-r YEEQWKVVE	1557	1214
>KIT-V555E-v YEVQWKVV	307	>KIT-V555E-r YEEQWKVV	383	76
>KIT-V555E-v YEVQWKVVE	59	>KIT-V555E-r YEEQWKVVE	62	3
>KIT-V555E-v YEVQWKVV	169	>KIT-V555E-r YEEQWKVV	768	599
>KIT-V555E-v YEVQWKVVE	176	>KIT-V555E-r YEEQWKVVE	1124	948
>KIT-V555E-v YEVQWKVVE	3	>KIT-V555E-r YEEQWKVVE	6	3
>KIT-V555E-v MYEVQWKV	652	>KIT-V555E-r MYEEQWKV	142	510
>KIT-V555E-v MYEVQWKV	246	>KIT-V555E-r MYEEQWKV	212	34
>KIT-V555E-v MYEVQWKV	488	>KIT-V555E-r MYEEQWKV	506	18
>KIT-V555E-v PMYEVQWK\	17	>KIT-V555E-r PMYEEQWK\	39	22
>KIT-V555E-v PMYEVQWK\	18	>KIT-V555E-r PMYEEQWK\	33	15
>KIT-V555E-v PMYEVQWK\	48	>KIT-V555E-r PMYEEQWK\	112	64
>KIT-V555E-v PMYEVQWK\	33	>KIT-V555E-r PMYEEQWK\	106	73
>KIT-V555E-v PMYEVQWK\	1	>KIT-V555E-r PMYEEQWK\	2	1
>KIT-V555E-v PMYEVQWK\	4	>KIT-V555E-r PMYEEQWK\	3	1



>KIT-V555E-v PMYEVQWK\	5	>KIT-V555E-r PMYEEQWK\	8	3
>KIT-V555E-v PMYEVQWK\	97	>KIT-V555E-r PMYEEQWK\	97	0
>KIT-V555E-v PMYEVQWK\	4	>KIT-V555E-r PMYEEQWK\	4	0
>KIT-V555E-v PMYEVQWK\	11	>KIT-V555E-r PMYEEQWK\	11	0
>KIT-V555E-v PMYEVQWK\	3	>KIT-V555E-r PMYEEQWK\	3	0
>KIT-V555E-v PMYEVQWK\	54	>KIT-V555E-r PMYEEQWK\	49	5
>KIT-V555E-v PMYEVQWK\	2	>KIT-V555E-r PMYEEQWK\	2	0
>KIT-V555E-v PMYEVQWK\	10	>KIT-V555E-r PMYEEQWK\	10	0
>KIT-V555E-v PMYEVQWK	129	>KIT-V555E-r PMYEEQWK	616	487
>KIT-V555E-v PMYEVQWK\	145	>KIT-V555E-r PMYEEQWK\	464	319
>KIT-V555E-v KPMYEVQWf	157	>KIT-V555E-r KPMYEEQWf	684	527
>KIT-V555E-v KPMYEVQWf	136	>KIT-V555E-r KPMYEEQWf	203	67
>KIT-V555E-v KPMYEVQW	20	>KIT-V555E-r KPMYEEQW	23	3
>KIT-V555E-v KPMYEVQWf	68	>KIT-V555E-r KPMYEEQWf	248	180
>KIT-V555E-v KPMYEVQW	536	>KIT-V555E-r KPMYEEQW	396	140
>KIT-V555E-v KPMYEVQW	199	>KIT-V555E-r KPMYEEQW	213	14
>KIT-V555E-v KPMYEVQW	9	>KIT-V555E-r KPMYEEQW	18	9
>KIT-V555E-v LQKPMYEV	327	>KIT-V555E-r LQKPMYEE	25732	25405
>KIT-V555E-v LQKPMYEV	48	>KIT-V555E-r LQKPMYEE	19501	19453
>KIT-V555E-v LQKPMYEV	34	>KIT-V555E-r LQKPMYEE	19431	19397
>KIT-V555E-v LQKPMYEV	318	>KIT-V555E-r LQKPMYEE	35345	35027
>KIT-V555E-v LQKPMYEVQ	243	>KIT-V555E-r LQKPMYEEQ'	494	251
>KIT-V555E-v LQKPMYEVQ	415	>KIT-V555E-r LQKPMYEEQ'	632	217
>KIT-V555E-v LQKPMYEV	403	>KIT-V555E-r LQKPMYEE	4255	3852
>KIT-V555E-v LQKPMYEVQ	230	>KIT-V555E-r LQKPMYEEQ	913	683
>KIT-V555E-v LQKPMYEVQ	247	>KIT-V555E-r LQKPMYEEQ'	326	79
>KIT-V555E-v LQKPMYEV	155	>KIT-V555E-r LQKPMYEE	6732	6577
>KIT-V555E-v LQKPMYEVQ	225	>KIT-V555E-r LQKPMYEEQ'	602	377
>KIT-V555E-v LQKPMYEVQ	168	>KIT-V555E-r LQKPMYEEQ'	278	110
>KIT-V555E-v LQKPMYEVQ	230	>KIT-V555E-r LQKPMYEEQ'	69	161
>KIT-V555E-v YLQKPMYEV	7	>KIT-V555E-r YLQKPMYEE	9219	9212
>KIT-V555E-v YLQKPMYEV	5	>KIT-V555E-r YLQKPMYEE	4430	4425
>KIT-V555E-v YLQKPMYEV	7	>KIT-V555E-r YLQKPMYEE	14534	14527
>KIT-V555E-v YLQKPMYEV	13	>KIT-V555E-r YLQKPMYEE	15135	15122
>KIT-V555E-v YLQKPMYEV	1	>KIT-V555E-r YLQKPMYEE	2730	2729
>KIT-V555E-v YLQKPMYEV	2	>KIT-V555E-r YLQKPMYEE	3504	3502
>KIT-V555E-v YLQKPMYEV	6	>KIT-V555E-r YLQKPMYEE	13780	13774
>KIT-V555E-v YLQKPMYEV	3	>KIT-V555E-r YLQKPMYEE	21107	21104
>KIT-V555E-v YLQKPMYEV	2	>KIT-V555E-r YLQKPMYEE	2627	2625
>KIT-V555E-v YLQKPMYEV(	77	>KIT-V555E-r YLQKPMYEE(	28	49
>KIT-V555E-v YLQKPMYEV	93	>KIT-V555E-r YLQKPMYEE	19876	19783
>KIT-V555E-v YLQKPMYEV	55	>KIT-V555E-r YLQKPMYEE	18618	18563
>KIT-V555E-v YLQKPMYEV(	124	>KIT-V555E-r YLQKPMYEE(	250	126

>KIT-V555E-v YLQKPMYEV	721	>KIT-V555E-r YLQKPMYEEC	448	273
>KIT-V555E-v KYLQKPMYEV	100	>KIT-V555E-r KYLQKPMYEE	27501	27401
>KIT-V555E-v KYLQKPMYEV	307	>KIT-V555E-r KYLQKPMYEE	25470	25163
>KIT-V555E-v KYLQKPMYEV	28	>KIT-V555E-r KYLQKPMYEE	553	525
>KIT-V555E-v KYLQKPMYEV	360	>KIT-V555E-r KYLQKPMYEE	207	153
>KIT-V555E-v KYLQKPMYEV	471	>KIT-V555E-r KYLQKPMYEE	6921	6450
>KIT-V555E-v KYLQKPMYEV	121	>KIT-V555E-r KYLQKPMYEE	270	149
>KIT-V555E-v KYLQKPMYEV	56	>KIT-V555E-r KYLQKPMYEE	3531	3475
>KIT-V555E-v KYLQKPMYEV	391	>KIT-V555E-r KYLQKPMYEE	402	11
>KIT-V559A-v VVEEINGNNY	217	>KIT-V559A-r AVEEINGNNY	114	103
>KIT-V559A-v VVEEINGNNY	87	>KIT-V559A-r AVEEINGNNY	79	8
>KIT-V559A-v VVEEINGNNY	121	>KIT-V559A-r AVEEINGNNY	167	46
>KIT-V559A-v VVEEINGNNY	35	>KIT-V559A-r AVEEINGNNY	33	2
>KIT-V559A-v VVEEINGNNY	316	>KIT-V559A-r AVEEINGNNY	388	72
>KIT-V559A-v VVEEINGNNY	167	>KIT-V559A-r AVEEINGNNY	178	11
>KIT-V559A-v VVEEINGNNY	597	>KIT-V559A-r AVEEINGNNY	483	114
>KIT-V559A-v VVEEINGNNY	178	>KIT-V559A-r AVEEINGNNY	528	350
>KIT-V559A-v KVVVEEINGNN	31	>KIT-V559A-r KAVEEINGNN	457	426
>KIT-V559A-v KVVVEEINGNN	61	>KIT-V559A-r KAVEEINGNN	647	586
>KIT-V559A-v KVVVEEINGNN	114	>KIT-V559A-r KAVEEINGNN	216	102
>KIT-V559A-v KVVVEEINGNN	114	>KIT-V559A-r KAVEEINGNN	2158	2044
>KIT-V559A-v KVVVEEINGNN	1057	>KIT-V559A-r KAVEEINGNN	215	842
>KIT-V559A-v KVVVEEINGNN	100	>KIT-V559A-r KAVEEINGNN	16	84
>KIT-V559A-v QWKVVEEI	611	>KIT-V559A-r QWKAVEEI	462	149
>KIT-V559A-v VQWKVVEEI	154	>KIT-V559A-r VQWKAVEEI	270	116
>KIT-V559A-v VQWKVVEEI	91	>KIT-V559A-r VQWKAVEEI	123	32
>KIT-V559A-v VQWKVVEEI	43	>KIT-V559A-r VQWKAVEEI	40	3
>KIT-V559A-v VQWKVVEEI	17	>KIT-V559A-r VQWKAVEEI	73	56
>KIT-V559A-v VQWKVVEEI	75	>KIT-V559A-r VQWKAVEEI	192	117
>KIT-V559A-v VQWKVVEEI	468	>KIT-V559A-r VQWKAVEEI	1888	1420
>KIT-V559A-v VQWKVVEEI	57	>KIT-V559A-r VQWKAVEEI	37	20
>KIT-V559A-v EVQWKVVEE	147	>KIT-V559A-r EVQWKAVEE	120	27
>KIT-V559A-v YEVQWKVV	10	>KIT-V559A-r YEVQWKAV	12	2
>KIT-V559A-v YEVQWKVVE	11	>KIT-V559A-r YEVQWKAVE	10	1
>KIT-V559A-v YEVQWKVV	1283	>KIT-V559A-r YEVQWKAV	378	905
>KIT-V559A-v YEVQWKVV	373	>KIT-V559A-r YEVQWKAV	143	230
>KIT-V559A-v YEVQWKVVE	343	>KIT-V559A-r YEVQWKAVE	286	57
>KIT-V559A-v YEVQWKVV	307	>KIT-V559A-r YEVQWKAV	216	91
>KIT-V559A-v YEVQWKVVE	59	>KIT-V559A-r YEVQWKAVE	78	19
>KIT-V559A-v YEVQWKVV	169	>KIT-V559A-r YEVQWKAV	172	3
>KIT-V559A-v YEVQWKVVE	176	>KIT-V559A-r YEVQWKAVE	240	64
>KIT-V559A-v YEVQWKVV	749	>KIT-V559A-r YEVQWKAV	450	299
>KIT-V559A-v YEVQWKVVE	3	>KIT-V559A-r YEVQWKAVE	3	0

>KIT-V559A-1 MYEVQWKV	246	>KIT-V559A-1 MYEVQWKA	1510	1264
>KIT-V559A-1 MYEVQWKV	488	>KIT-V559A-1 MYEVQWKA	547	59
>KIT-V559A-1 PMYEVQWK\	17	>KIT-V559A-1 PMYEVQWK/	128	111
>KIT-V559A-1 PMYEVQWK\	18	>KIT-V559A-1 PMYEVQWK/	178	160
>KIT-V559A-1 PMYEVQWK\	48	>KIT-V559A-1 PMYEVQWK/	436	388
>KIT-V559A-1 PMYEVQWK\	805	>KIT-V559A-1 PMYEVQWK/	381	424
>KIT-V559A-1 PMYEVQWK\	33	>KIT-V559A-1 PMYEVQWK/	411	378
>KIT-V559A-1 PMYEVQWK\	1	>KIT-V559A-1 PMYEVQWK/	3	2
>KIT-V559A-1 PMYEVQWK\	4	>KIT-V559A-1 PMYEVQWK/	3	1
>KIT-V559A-1 PMYEVQWK\	5	>KIT-V559A-1 PMYEVQWK/	49	44
>KIT-V559A-1 PMYEVQWK\	97	>KIT-V559A-1 PMYEVQWK/	60	37
>KIT-V559A-1 PMYEVQWK\	4	>KIT-V559A-1 PMYEVQWK/	7	3
>KIT-V559A-1 PMYEVQWK\	11	>KIT-V559A-1 PMYEVQWK/	11	0
>KIT-V559A-1 PMYEVQWK\	3	>KIT-V559A-1 PMYEVQWK/	40	37
>KIT-V559A-1 PMYEVQWK\	54	>KIT-V559A-1 PMYEVQWK/	49	5
>KIT-V559A-1 PMYEVQWK\	2	>KIT-V559A-1 PMYEVQWK/	9	7
>KIT-V559A-1 PMYEVQWK\	10	>KIT-V559A-1 PMYEVQWK/	9	1
>KIT-V559A-1 PMYEVQWK\	145	>KIT-V559A-1 PMYEVQWK/	3113	2968
>KIT-V559A-1 KPMYEVQW\	157	>KIT-V559A-1 KPMYEVQW/	1475	1318
>KIT-V559A-1 KPMYEVQW\	136	>KIT-V559A-1 KPMYEVQW/	54	82
>KIT-V559A-1 KPMYEVQW\	68	>KIT-V559A-1 KPMYEVQW/	30	38
>KIT-V559D-1 VVEEINGNN\	217	>KIT-V559D-1 DVEEINGNN\	4786	4569
>KIT-V559D-1 VVEEINGNN\	87	>KIT-V559D-1 DVEEINGNN\	5904	5817
>KIT-V559D-1 VVEEINGNN\	121	>KIT-V559D-1 DVEEINGNN\	5286	5165
>KIT-V559D-1 VVEEINGNN\	35	>KIT-V559D-1 DVEEINGNN\	3019	2984
>KIT-V559D-1 VVEEINGNN\	1992	>KIT-V559D-1 DVEEINGNN\	152	1840
>KIT-V559D-1 VVEEINGNN\	316	>KIT-V559D-1 DVEEINGNN\	1303	987
>KIT-V559D-1 VVEEINGNN\	167	>KIT-V559D-1 DVEEINGNN\	28	139
>KIT-V559D-1 VVEEINGNN\	597	>KIT-V559D-1 DVEEINGNN\	29	568
>KIT-V559D-1 VVEEINGNN\	178	>KIT-V559D-1 DVEEINGNN\	4299	4121
>KIT-V559D-1 KVVEEINGNN\	31	>KIT-V559D-1 KDVEEINGNN\	6828	6797
>KIT-V559D-1 KVVEEINGNN\	61	>KIT-V559D-1 KDVEEINGNN\	1666	1605
>KIT-V559D-1 KVVEEINGNN\	114	>KIT-V559D-1 KDVEEINGNN\	2753	2639
>KIT-V559D-1 KVVEEINGNN\	114	>KIT-V559D-1 KDVEEINGNN\	6728	6614
>KIT-V559D-1 KVVEEINGNN\	100	>KIT-V559D-1 KDVEEINGNN\	9951	9851
>KIT-V559D-1 VQWKVVEEI	154	>KIT-V559D-1 VQWKDVEEI	759	605
>KIT-V559D-1 VQWKVVEEI	91	>KIT-V559D-1 VQWKDVEEI	136	45
>KIT-V559D-1 VQWKVVEEI	43	>KIT-V559D-1 VQWKDVEEI	52	9
>KIT-V559D-1 VQWKVVEEI	17	>KIT-V559D-1 VQWKDVEEI	65	48
>KIT-V559D-1 VQWKVVEEI	75	>KIT-V559D-1 VQWKDVEEI	398	323
>KIT-V559D-1 VQWKVVEEI	468	>KIT-V559D-1 VQWKDVEEI	2101	1633
>KIT-V559D-1 VQWKVVEEI	57	>KIT-V559D-1 VQWKDVEEI	44	13
>KIT-V559D-1 EVQWKVVEE	147	>KIT-V559D-1 EVQWKDVEE	686	539

>KIT-V559D-1 YEVQWKVV	10	>KIT-V559D-i YEVQWKDV	30	20
>KIT-V559D-1 YEVQWKVVE	11	>KIT-V559D-i YEVQWKDVE	14	3
>KIT-V559D-1 YEVQWKVV	373	>KIT-V559D-i YEVQWKDV	1890	1517
>KIT-V559D-1 YEVQWKVVE	343	>KIT-V559D-i YEVQWKDVE	960	617
>KIT-V559D-1 YEVQWKVV	307	>KIT-V559D-i YEVQWKDV	857	550
>KIT-V559D-1 YEVQWKVVE	59	>KIT-V559D-i YEVQWKDVE	76	17
>KIT-V559D-1 YEVQWKVV	169	>KIT-V559D-i YEVQWKDV	517	348
>KIT-V559D-1 YEVQWKVVE	176	>KIT-V559D-i YEVQWKDVE	234	58
>KIT-V559D-1 YEVQWKVVE	3	>KIT-V559D-i YEVQWKDVE	4	1
>KIT-V559D-1 MYEVQWKV	246	>KIT-V559D-i MYEVQWKD	3153	2907
>KIT-V559D-1 MYEVQWKV	488	>KIT-V559D-i MYEVQWKD	2317	1829
>KIT-V559D-1 PMYEVQWK\	17	>KIT-V559D-i PMYEVQWKI	21069	21052
>KIT-V559D-1 PMYEVQWK\	18	>KIT-V559D-i PMYEVQWKI	14365	14347
>KIT-V559D-1 PMYEVQWK\	48	>KIT-V559D-i PMYEVQWKI	21410	21362
>KIT-V559D-1 PMYEVQWK\	33	>KIT-V559D-i PMYEVQWKI	25008	24975
>KIT-V559D-1 PMYEVQWK\	1	>KIT-V559D-i PMYEVQWKI	236	235
>KIT-V559D-1 PMYEVQWK\	4	>KIT-V559D-i PMYEVQWKI	7	3
>KIT-V559D-1 PMYEVQWK\	5	>KIT-V559D-i PMYEVQWKI	11331	11326
>KIT-V559D-1 PMYEVQWK\	97	>KIT-V559D-i PMYEVQWKI	223	126
>KIT-V559D-1 PMYEVQWK\	4	>KIT-V559D-i PMYEVQWKI	3052	3048
>KIT-V559D-1 PMYEVQWK\	11	>KIT-V559D-i PMYEVQWKI	13	2
>KIT-V559D-1 PMYEVQWK\	3	>KIT-V559D-i PMYEVQWKI	19045	19042
>KIT-V559D-1 PMYEVQWK\	54	>KIT-V559D-i PMYEVQWKI	173	119
>KIT-V559D-1 PMYEVQWK\	2	>KIT-V559D-i PMYEVQWKI	9276	9274
>KIT-V559D-1 PMYEVQWK\	10	>KIT-V559D-i PMYEVQWKI	11	1
>KIT-V559D-1 PMYEVQWK\	145	>KIT-V559D-i PMYEVQWKI	19052	18907
>KIT-V559D-1 KPMYEVQW\	157	>KIT-V559D-i KPMYEVQW\	8589	8432
>KIT-V559D-1 KPMYEVQW\	136	>KIT-V559D-i KPMYEVQW\	674	538
>KIT-V559D-1 KPMYEVQW\	68	>KIT-V559D-i KPMYEVQW\	2010	1942
>KIT-V559F-v VVEEINGNNY	547	>KIT-V559F-r FVEEINGNNY	392	155
>KIT-V559F-v VVEEINGNNY	1737	>KIT-V559F-r FVEEINGNNY	109	1628
>KIT-V559F-v VVEEINGNNY	217	>KIT-V559F-r FVEEINGNNY	10	207
>KIT-V559F-v VVEEINGNNY	1025	>KIT-V559F-r FVEEINGNNY	44	981
>KIT-V559F-v VVEEINGNNY	87	>KIT-V559F-r FVEEINGNNY	9	78
>KIT-V559F-v VVEEINGNNY	121	>KIT-V559F-r FVEEINGNNY	19	102
>KIT-V559F-v VVEEINGNNY	627	>KIT-V559F-r FVEEINGNNY	58	569
>KIT-V559F-v VVEEINGNNY	977	>KIT-V559F-r FVEEINGNNY	153	824
>KIT-V559F-v VVEEINGNNY	1150	>KIT-V559F-r FVEEINGNNY	291	859
>KIT-V559F-v VVEEINGNNY	35	>KIT-V559F-r FVEEINGNNY	7	28
>KIT-V559F-v VVEEINGNNY	888	>KIT-V559F-r FVEEINGNNY	480	408
>KIT-V559F-v VVEEINGNNY	316	>KIT-V559F-r FVEEINGNNY	818	502
>KIT-V559F-v VVEEINGNNY	167	>KIT-V559F-r FVEEINGNNY	12	155
>KIT-V559F-v VVEEINGNNY	597	>KIT-V559F-r FVEEINGNNY	16	581

>KIT-V559F-v VVEEINGNNY	178	>KIT-V559F-r FVEEINGNNY	391	213
>KIT-V559F-v VVEEINGNNY	1318	>KIT-V559F-r FVEEINGNNY	206	1112
>KIT-V559F-v KVVEEINGNN	31	>KIT-V559F-r KFVEEINGNN	1307	1276
>KIT-V559F-v KVVEEINGNN	61	>KIT-V559F-r KFVEEINGNN	775	714
>KIT-V559F-v KVVEEINGNN	617	>KIT-V559F-r KFVEEINGNN	208	409
>KIT-V559F-v KVVEEINGNN	114	>KIT-V559F-r KFVEEINGNN	332	218
>KIT-V559F-v KVVEEINGNN	114	>KIT-V559F-r KFVEEINGNN	642	528
>KIT-V559F-v KVVEEINGNN	100	>KIT-V559F-r KFVEEINGNN	12098	11998
>KIT-V559F-v QKPMYEVQV	2477	>KIT-V559F-r QKPMYEVQV	57	2420
>KIT-V559F-v QWKVVEEI	577	>KIT-V559F-r QWKVVEEI	450	127
>KIT-V559F-v VQWKVVEEI	154	>KIT-V559F-r VQWKVVEEI	215	61
>KIT-V559F-v VQWKVVEEI	91	>KIT-V559F-r VQWKVVEEI	54	37
>KIT-V559F-v VQWKVVEEI	531	>KIT-V559F-r VQWKVVEEI	253	278
>KIT-V559F-v VQWKVVEEI	43	>KIT-V559F-r VQWKVVEEI	42	1
>KIT-V559F-v VQWKVVEEI	17	>KIT-V559F-r VQWKVVEEI	23	6
>KIT-V559F-v VQWKVVEEI	75	>KIT-V559F-r VQWKVVEEI	255	180
>KIT-V559F-v VQWKVVEEI	468	>KIT-V559F-r VQWKVVEEI	265	203
>KIT-V559F-v VQWKVVEEI	57	>KIT-V559F-r VQWKVVEEI	25	32
>KIT-V559F-v VQWKVVEEI	587	>KIT-V559F-r VQWKVVEEI	466	121
>KIT-V559F-v EVQWKVVEE	147	>KIT-V559F-r EVQWKVVEE	72	75
>KIT-V559F-v YEVQWKVV	10	>KIT-V559F-r YEVQWKV	9	1
>KIT-V559F-v YEVQWKVVE	11	>KIT-V559F-r YEVQWKVVE	10	1
>KIT-V559F-v YEVQWKVV	1283	>KIT-V559F-r YEVQWKV	120	1163
>KIT-V559F-v YEVQWKVV	1223	>KIT-V559F-r YEVQWKV	365	858
>KIT-V559F-v YEVQWKVV	373	>KIT-V559F-r YEVQWKV	511	138
>KIT-V559F-v YEVQWKVVE	343	>KIT-V559F-r YEVQWKVVE	201	142
>KIT-V559F-v YEVQWKVV	307	>KIT-V559F-r YEVQWKV	363	56
>KIT-V559F-v YEVQWKVVE	59	>KIT-V559F-r YEVQWKVVE	56	3
>KIT-V559F-v YEVQWKVV	169	>KIT-V559F-r YEVQWKV	195	26
>KIT-V559F-v YEVQWKVVE	176	>KIT-V559F-r YEVQWKVVE	106	70
>KIT-V559F-v YEVQWKVV	1440	>KIT-V559F-r YEVQWKV	455	985
>KIT-V559F-v YEVQWKVVE	1020	>KIT-V559F-r YEVQWKVVE	489	531
>KIT-V559F-v YEVQWKVVE	3	>KIT-V559F-r YEVQWKVVE	3	0
>KIT-V559F-v MYEVQWKV	3884	>KIT-V559F-r MYEVQWKV	368	3516
>KIT-V559F-v MYEVQWKV	1294	>KIT-V559F-r MYEVQWKV	29	1265
>KIT-V559F-v MYEVQWKV	2207	>KIT-V559F-r MYEVQWKV	186	2021
>KIT-V559F-v MYEVQWKV	246	>KIT-V559F-r MYEVQWKV	13	233
>KIT-V559F-v MYEVQWKV	488	>KIT-V559F-r MYEVQWKV	886	398
>KIT-V559F-v MYEVQWKV	1362	>KIT-V559F-r MYEVQWKV	230	1132
>KIT-V559F-v PMYEVQWK	17	>KIT-V559F-r PMYEVQWK	9111	9094
>KIT-V559F-v PMYEVQWK	18	>KIT-V559F-r PMYEVQWK	2570	2552
>KIT-V559F-v PMYEVQWK	48	>KIT-V559F-r PMYEVQWK	11868	11820
>KIT-V559F-v PMYEVQWK	805	>KIT-V559F-r PMYEVQWK	430	375

>KIT-V559F-v PMYEVQWK\	33	>KIT-V559F-r PMYEVQWKf	2615	2582
>KIT-V559F-v PMYEVQWK\	1	>KIT-V559F-r PMYEVQWKf	15	14
>KIT-V559F-v PMYEVQWK\	4	>KIT-V559F-r PMYEVQWKf	2	2
>KIT-V559F-v PMYEVQWK\	5	>KIT-V559F-r PMYEVQWKf	3166	3161
>KIT-V559F-v PMYEVQWK\	97	>KIT-V559F-r PMYEVQWKf	55	42
>KIT-V559F-v PMYEVQWK\	4	>KIT-V559F-r PMYEVQWKf	533	529
>KIT-V559F-v PMYEVQWK\	11	>KIT-V559F-r PMYEVQWKf	7	4
>KIT-V559F-v PMYEVQWK\	3	>KIT-V559F-r PMYEVQWKf	6034	6031
>KIT-V559F-v PMYEVQWK\	54	>KIT-V559F-r PMYEVQWKf	16	38
>KIT-V559F-v PMYEVQWK\	2	>KIT-V559F-r PMYEVQWKf	1207	1205
>KIT-V559F-v PMYEVQWK\	10	>KIT-V559F-r PMYEVQWKf	8	2
>KIT-V559F-v PMYEVQWK\	9953	>KIT-V559F-r PMYEVQWKf	149	9804
>KIT-V559F-v PMYEVQWK\	18410	>KIT-V559F-r PMYEVQWKf	335	18075
>KIT-V559F-v PMYEVQWK\	5917	>KIT-V559F-r PMYEVQWKf	226	5691
>KIT-V559F-v PMYEVQWK\	3175	>KIT-V559F-r PMYEVQWKf	288	2887
>KIT-V559F-v PMYEVQWK\	145	>KIT-V559F-r PMYEVQWKf	13631	13486
>KIT-V559F-v PMYEVQWK\	3758	>KIT-V559F-r PMYEVQWKf	88	3670
>KIT-V559F-v KPMYEVQWf\	157	>KIT-V559F-r KPMYEVQWf	198	41
>KIT-V559F-v KPMYEVQWf\	136	>KIT-V559F-r KPMYEVQWf	826	690
>KIT-V559F-v KPMYEVQWf\	6014	>KIT-V559F-r KPMYEVQWf	177	5837
>KIT-V559F-v KPMYEVQWf\	68	>KIT-V559F-r KPMYEVQWf	2323	2255
>KIT-V559F-v KPMYEVQWf\	14054	>KIT-V559F-r KPMYEVQWf	311	13743
>KIT-V559F-v KPMYEVQWf\	8427	>KIT-V559F-r KPMYEVQWf	185	8242
>KIT-V559G-1 VVEEINGNN\	217	>KIT-V559G-i GVEEINGNN\	192	25
>KIT-V559G-1 VVEEINGNN\	87	>KIT-V559G-i GVEEINGNN\	242	155
>KIT-V559G-1 VVEEINGNN\	121	>KIT-V559G-i GVEEINGNN\	310	189
>KIT-V559G-1 VVEEINGNN\	627	>KIT-V559G-i GVEEINGNN\	332	295
>KIT-V559G-1 VVEEINGNN\	35	>KIT-V559G-i GVEEINGNN\	113	78
>KIT-V559G-1 VVEEINGNN\	316	>KIT-V559G-i GVEEINGNN\	645	329
>KIT-V559G-1 VVEEINGNN\	167	>KIT-V559G-i GVEEINGNN\	1048	881
>KIT-V559G-1 VVEEINGNN\	178	>KIT-V559G-i GVEEINGNN\	2972	2794
>KIT-V559G-1 KVVVEEINGNN\	31	>KIT-V559G-i KGVEEINGNN\	9358	9327
>KIT-V559G-1 KVVVEEINGNN\	61	>KIT-V559G-i KGVEEINGNN\	2417	2356
>KIT-V559G-1 KVVVEEINGNN\	114	>KIT-V559G-i KGVEEINGNN\	245	131
>KIT-V559G-1 KVVVEEINGNN\	114	>KIT-V559G-i KGVEEINGNN\	4884	4770
>KIT-V559G-1 KVVVEEINGNN\	100	>KIT-V559G-i KGVEEINGNN\	646	546
>KIT-V559G-1 QWKVVEEI	611	>KIT-V559G-i QWKGVVEEI	334	277
>KIT-V559G-1 VQWKVVEEI	154	>KIT-V559G-i VQWKGVEEI	648	494
>KIT-V559G-1 VQWKVVEEI	91	>KIT-V559G-i VQWKGVEEI	109	18
>KIT-V559G-1 VQWKVVEEI	43	>KIT-V559G-i VQWKGVEEI	35	8
>KIT-V559G-1 VQWKVVEEI	17	>KIT-V559G-i VQWKGVEEI	37	20
>KIT-V559G-1 VQWKVVEEI	75	>KIT-V559G-i VQWKGVEEI	150	75
>KIT-V559G-1 VQWKVVEEI	468	>KIT-V559G-i VQWKGVEEI	1420	952

>KIT-V559G-1 VQWKVVEEI	57	>KIT-V559G-1 VQWKGVVEEI	41	16
>KIT-V559G-1 EVQWKVVEE	147	>KIT-V559G-1 EVQWKGVVEE	269	122
>KIT-V559G-1 YEVDQWKVV	10	>KIT-V559G-1 YEVDQWKGV	19	9
>KIT-V559G-1 YEVDQWKVVE	11	>KIT-V559G-1 YEVDQWKGVE	12	1
>KIT-V559G-1 YEVDQWKVV	373	>KIT-V559G-1 YEVDQWKGV	881	508
>KIT-V559G-1 YEVDQWKVVE	343	>KIT-V559G-1 YEVDQWKGVE	525	182
>KIT-V559G-1 YEVDQWKVV	307	>KIT-V559G-1 YEVDQWKGV	386	79
>KIT-V559G-1 YEVDQWKVVE	59	>KIT-V559G-1 YEVDQWKGVE	79	20
>KIT-V559G-1 YEVDQWKVV	169	>KIT-V559G-1 YEVDQWKGV	472	303
>KIT-V559G-1 YEVDQWKVVE	176	>KIT-V559G-1 YEVDQWKGVE	222	46
>KIT-V559G-1 YEVDQWKVVE	3	>KIT-V559G-1 YEVDQWKGVE	4	1
>KIT-V559G-1 MYEVDQWKV	246	>KIT-V559G-1 MYEVDQWKG	2899	2653
>KIT-V559G-1 MYEVDQWKV	488	>KIT-V559G-1 MYEVDQWKG	1607	1119
>KIT-V559G-1 PMYEVDQWKL	17	>KIT-V559G-1 PMYEVDQWKL	16191	16174
>KIT-V559G-1 PMYEVDQWKL	18	>KIT-V559G-1 PMYEVDQWKL	6032	6014
>KIT-V559G-1 PMYEVDQWKL	48	>KIT-V559G-1 PMYEVDQWKL	15097	15049
>KIT-V559G-1 PMYEVDQWKL	805	>KIT-V559G-1 PMYEVDQWKL	339	466
>KIT-V559G-1 PMYEVDQWKL	33	>KIT-V559G-1 PMYEVDQWKL	17127	17094
>KIT-V559G-1 PMYEVDQWKL	1	>KIT-V559G-1 PMYEVDQWKL	37	36
>KIT-V559G-1 PMYEVDQWKL	4	>KIT-V559G-1 PMYEVDQWKL	3	1
>KIT-V559G-1 PMYEVDQWKL	5	>KIT-V559G-1 PMYEVDQWKL	5214	5209
>KIT-V559G-1 PMYEVDQWKL	97	>KIT-V559G-1 PMYEVDQWKL	64	33
>KIT-V559G-1 PMYEVDQWKL	4	>KIT-V559G-1 PMYEVDQWKL	380	376
>KIT-V559G-1 PMYEVDQWKL	11	>KIT-V559G-1 PMYEVDQWKL	8	3
>KIT-V559G-1 PMYEVDQWKL	3	>KIT-V559G-1 PMYEVDQWKL	13425	13422
>KIT-V559G-1 PMYEVDQWKL	54	>KIT-V559G-1 PMYEVDQWKL	22	32
>KIT-V559G-1 PMYEVDQWKL	2	>KIT-V559G-1 PMYEVDQWKL	4005	4003
>KIT-V559G-1 PMYEVDQWKL	10	>KIT-V559G-1 PMYEVDQWKL	7	3
>KIT-V559G-1 PMYEVDQWKL	145	>KIT-V559G-1 PMYEVDQWKL	17317	17172
>KIT-V559G-1 KPMYEVDQWKL	157	>KIT-V559G-1 KPMYEVDQWKL	8607	8450
>KIT-V559G-1 KPMYEVDQWKL	136	>KIT-V559G-1 KPMYEVDQWKL	596	460
>KIT-V559G-1 KPMYEVDQWKL	68	>KIT-V559G-1 KPMYEVDQWKL	1704	1636
>KIT-V559I-1 VVEEINGNNY	217	>KIT-V559I-1 VVEEINGNNY'	103	114
>KIT-V559I-1 VVEEINGNNY	87	>KIT-V559I-1 VVEEINGNNY'	76	11
>KIT-V559I-1 VVEEINGNNY	121	>KIT-V559I-1 VVEEINGNNY'	147	26
>KIT-V559I-1 VVEEINGNNY	35	>KIT-V559I-1 VVEEINGNNY'	50	15
>KIT-V559I-1 VVEEINGNNY	316	>KIT-V559I-1 VVEEINGNNY'	260	56
>KIT-V559I-1 VVEEINGNNY	167	>KIT-V559I-1 VVEEINGNNY'	89	78
>KIT-V559I-1 VVEEINGNNY	178	>KIT-V559I-1 VVEEINGNNY'	307	129
>KIT-V559I-1 KVVEEINGNN	31	>KIT-V559I-1 KVVEEINGNN'	99	68
>KIT-V559I-1 KVVEEINGNN	61	>KIT-V559I-1 KVVEEINGNN'	198	137
>KIT-V559I-1 KVVEEINGNN	114	>KIT-V559I-1 KVVEEINGNN'	141	27
>KIT-V559I-1 KVVEEINGNN	114	>KIT-V559I-1 KVVEEINGNN'	299	185

>KIT-V559I- $\nu$ KVVVEINGNN	100	>KIT-V559I- $\pi$ KIVEEINGNN'	323	223
>KIT-V559I- $\nu$ VQWKVVEEI	154	>KIT-V559I- $\pi$ VQWKIVEEI	166	12
>KIT-V559I- $\nu$ VQWKVVEEI	91	>KIT-V559I- $\pi$ VQWKIVEEI	65	26
>KIT-V559I- $\nu$ VQWKVVEEI	531	>KIT-V559I- $\pi$ VQWKIVEEI	177	354
>KIT-V559I- $\nu$ VQWKVVEEI	43	>KIT-V559I- $\pi$ VQWKIVEEI	42	1
>KIT-V559I- $\nu$ VQWKVVEEI	17	>KIT-V559I- $\pi$ VQWKIVEEI	40	23
>KIT-V559I- $\nu$ VQWKVVEEI	75	>KIT-V559I- $\pi$ VQWKIVEEI	173	98
>KIT-V559I- $\nu$ VQWKVVEEI	468	>KIT-V559I- $\pi$ VQWKIVEEI	250	218
>KIT-V559I- $\nu$ VQWKVVEEI	57	>KIT-V559I- $\pi$ VQWKIVEEI	62	5
>KIT-V559I- $\nu$ VQWKVVEEI	587	>KIT-V559I- $\pi$ VQWKIVEEI	453	134
>KIT-V559I- $\nu$ EVQWKVVEE	147	>KIT-V559I- $\pi$ EVQWKIVEEI	133	14
>KIT-V559I- $\nu$ YEVQWKVV	10	>KIT-V559I- $\pi$ YEVQWKIV	9	1
>KIT-V559I- $\nu$ YEVQWKVVE	11	>KIT-V559I- $\pi$ YEVQWKIVEE	11	0
>KIT-V559I- $\nu$ YEVQWKVV	373	>KIT-V559I- $\pi$ YEVQWKIV	453	80
>KIT-V559I- $\nu$ YEVQWKVVE	343	>KIT-V559I- $\pi$ YEVQWKIVEE	289	54
>KIT-V559I- $\nu$ YEVQWKVV	307	>KIT-V559I- $\pi$ YEVQWKIV	249	58
>KIT-V559I- $\nu$ YEVQWKVVE	59	>KIT-V559I- $\pi$ YEVQWKIVEE	53	6
>KIT-V559I- $\nu$ YEVQWKVV	169	>KIT-V559I- $\pi$ YEVQWKIV	213	44
>KIT-V559I- $\nu$ YEVQWKVVE	176	>KIT-V559I- $\pi$ YEVQWKIVEE	137	39
>KIT-V559I- $\nu$ YEVQWKVVE	3	>KIT-V559I- $\pi$ YEVQWKIVEE	3	0
>KIT-V559I- $\nu$ MYEVQWKV	1294	>KIT-V559I- $\pi$ MYEVQWKI	100	1194
>KIT-V559I- $\nu$ MYEVQWKV	2207	>KIT-V559I- $\pi$ MYEVQWKI	319	1888
>KIT-V559I- $\nu$ MYEVQWKV	246	>KIT-V559I- $\pi$ MYEVQWKI	20	226
>KIT-V559I- $\nu$ MYEVQWKV	488	>KIT-V559I- $\pi$ MYEVQWKI	490	2
>KIT-V559I- $\nu$ PMYEVQWK\	17	>KIT-V559I- $\pi$ PMYEVQWKI	50	33
>KIT-V559I- $\nu$ PMYEVQWK\	18	>KIT-V559I- $\pi$ PMYEVQWKI	72	54
>KIT-V559I- $\nu$ PMYEVQWK\	48	>KIT-V559I- $\pi$ PMYEVQWKI	296	248
>KIT-V559I- $\nu$ PMYEVQWK\	33	>KIT-V559I- $\pi$ PMYEVQWKI	249	216
>KIT-V559I- $\nu$ PMYEVQWK\	1	>KIT-V559I- $\pi$ PMYEVQWKI	2	1
>KIT-V559I- $\nu$ PMYEVQWK\	4	>KIT-V559I- $\pi$ PMYEVQWKI	6	2
>KIT-V559I- $\nu$ PMYEVQWK\	5	>KIT-V559I- $\pi$ PMYEVQWKI	14	9
>KIT-V559I- $\nu$ PMYEVQWK\	97	>KIT-V559I- $\pi$ PMYEVQWKI	113	16
>KIT-V559I- $\nu$ PMYEVQWK\	4	>KIT-V559I- $\pi$ PMYEVQWKI	6	2
>KIT-V559I- $\nu$ PMYEVQWK\	11	>KIT-V559I- $\pi$ PMYEVQWKI	13	2
>KIT-V559I- $\nu$ PMYEVQWK\	3	>KIT-V559I- $\pi$ PMYEVQWKI	12	9
>KIT-V559I- $\nu$ PMYEVQWK\	54	>KIT-V559I- $\pi$ PMYEVQWKI	90	36
>KIT-V559I- $\nu$ PMYEVQWK\	2	>KIT-V559I- $\pi$ PMYEVQWKI	9	7
>KIT-V559I- $\nu$ PMYEVQWK\	10	>KIT-V559I- $\pi$ PMYEVQWKI	12	2
>KIT-V559I- $\nu$ PMYEVQWK\	3175	>KIT-V559I- $\pi$ PMYEVQWKI	448	2727
>KIT-V559I- $\nu$ PMYEVQWK\	145	>KIT-V559I- $\pi$ PMYEVQWKI	853	708
>KIT-V559I- $\nu$ KPMYEVQW†	157	>KIT-V559I- $\pi$ KPMYEVQW†	181	24
>KIT-V559I- $\nu$ KPMYEVQW†	136	>KIT-V559I- $\pi$ KPMYEVQW†	289	153
>KIT-V559I- $\nu$ KPMYEVQW†	68	>KIT-V559I- $\pi$ KPMYEVQW†	388	320



>KIT-V560A-1 VEEINGNNY\	328	>KIT-V560A-r AEEINGNNY\	753	425
>KIT-V560A-1 VEEINGNNY\	94	>KIT-V560A-r AEEINGNNY\	511	417
>KIT-V560A-1 VEEINGNNY\	1431	>KIT-V560A-r AEEINGNNY\	76	1355
>KIT-V560A-1 VEEINGNNY	1549	>KIT-V560A-r AEEINGNNY	328	1221
>KIT-V560A-1 VEEINGNNY\	1190	>KIT-V560A-r AEEINGNNY\	248	942
>KIT-V560A-1 VEEINGNNY\	2164	>KIT-V560A-r AEEINGNNY\	151	2013
>KIT-V560A-1 VEEINGNNY\	7198	>KIT-V560A-r AEEINGNNY\	364	6834
>KIT-V560A-1 VEEINGNNY\	377	>KIT-V560A-r AEEINGNNY\	55	322
>KIT-V560A-1 VVEEINGNNY	217	>KIT-V560A-r VAEEINGNNY	1007	790
>KIT-V560A-1 VVEEINGNNY	87	>KIT-V560A-r VAEEINGNNY	486	399
>KIT-V560A-1 VVEEINGNNY	121	>KIT-V560A-r VAEEINGNNY	655	534
>KIT-V560A-1 VVEEINGNNY	35	>KIT-V560A-r VAEEINGNNY	670	635
>KIT-V560A-1 VVEEINGNNY	316	>KIT-V560A-r VAEEINGNNY	329	13
>KIT-V560A-1 VVEEINGNNY	167	>KIT-V560A-r VAEEINGNNY	801	634
>KIT-V560A-1 VVEEINGNNY	178	>KIT-V560A-r VAEEINGNNY	2693	2515
>KIT-V560A-1 VVEEINGNNY	2581	>KIT-V560A-r VAEEINGNNY	374	2207
>KIT-V560A-1 KPMYEVQW\	136	>KIT-V560A-r KPMYEVQW\	456	320
>KIT-V560A-1 KVVVEEINGNN	31	>KIT-V560A-r KVAEEINGNN	84	53
>KIT-V560A-1 KVVVEEINGNN	61	>KIT-V560A-r KVAEEINGNN	589	528
>KIT-V560A-1 KVVVEEINGNN	617	>KIT-V560A-r KVAEEINGNN	468	149
>KIT-V560A-1 KVVVEEINGNN	114	>KIT-V560A-r KVAEEINGNN	33	81
>KIT-V560A-1 KVVVEEINGNN	114	>KIT-V560A-r KVAEEINGNN	61	53
>KIT-V560A-1 KVVVEEINGNN	100	>KIT-V560A-r KVAEEINGNN	316	216
>KIT-V560A-1 VQWKVVEEI	154	>KIT-V560A-r VQWKVAEEI	114	40
>KIT-V560A-1 VQWKVVEEI	91	>KIT-V560A-r VQWKVAEEI	352	261
>KIT-V560A-1 VQWKVVEEI	43	>KIT-V560A-r VQWKVAEEI	49	6
>KIT-V560A-1 VQWKVVEEI	17	>KIT-V560A-r VQWKVAEEI	54	37
>KIT-V560A-1 VQWKVVEEI	75	>KIT-V560A-r VQWKVAEEI	241	166
>KIT-V560A-1 VQWKVVEEI	468	>KIT-V560A-r VQWKVAEEI	506	38
>KIT-V560A-1 VQWKVVEEI	57	>KIT-V560A-r VQWKVAEEI	91	34
>KIT-V560A-1 EVQWKVVEE	147	>KIT-V560A-r EVQWKVAEE	110	37
>KIT-V560A-1 YEVQWKVV	10	>KIT-V560A-r YEVQWKVA	64	54
>KIT-V560A-1 YEVQWKVVE	11	>KIT-V560A-r YEVQWKVAE	11	0
>KIT-V560A-1 YEVQWKVV	373	>KIT-V560A-r YEVQWKVA	871	498
>KIT-V560A-1 YEVQWKVVE	1194	>KIT-V560A-r YEVQWKVAE	384	810
>KIT-V560A-1 YEVQWKVVE	343	>KIT-V560A-r YEVQWKVAE	347	4
>KIT-V560A-1 YEVQWKVV	307	>KIT-V560A-r YEVQWKVA	7975	7668
>KIT-V560A-1 YEVQWKVVE	59	>KIT-V560A-r YEVQWKVAE	34	25
>KIT-V560A-1 YEVQWKVV	169	>KIT-V560A-r YEVQWKVA	193	24
>KIT-V560A-1 YEVQWKVVE	176	>KIT-V560A-r YEVQWKVAE	270	94
>KIT-V560A-1 YEVQWKVV	749	>KIT-V560A-r YEVQWKVA	138	611
>KIT-V560A-1 YEVQWKVVE	3	>KIT-V560A-r YEVQWKVAE	4	1
>KIT-V560A-1 PMYEVQWK\	4	>KIT-V560A-r PMYEVQWK\	30	26

>KIT-V560A-1 PMYEVQWK\	97	>KIT-V560A-r PMYEVQWK\	1191	1094
>KIT-V560A-1 PMYEVQWK\	11	>KIT-V560A-r PMYEVQWK\	117	106
>KIT-V560A-1 PMYEVQWK\	54	>KIT-V560A-r PMYEVQWK\	1595	1541
>KIT-V560A-1 PMYEVQWK\	10	>KIT-V560A-r PMYEVQWK\	222	212
>KIT-V560D-1 VEEINGNNY\	328	>KIT-V560D-i DEEINGNNY\	372	44
>KIT-V560D-1 VEEINGNNY	821	>KIT-V560D-i DEEINGNNY	38	783
>KIT-V560D-1 VEEINGNNY\	94	>KIT-V560D-i DEEINGNNY\	11	83
>KIT-V560D-1 VEEINGNNY\	377	>KIT-V560D-i DEEINGNNY\	6111	5734
>KIT-V560D-1 VVEEINGNNY	217	>KIT-V560D-i VDEEINGNNY	8716	8499
>KIT-V560D-1 VVEEINGNNY	87	>KIT-V560D-i VDEEINGNNY	7738	7651
>KIT-V560D-1 VVEEINGNNY	121	>KIT-V560D-i VDEEINGNNY	12266	12145
>KIT-V560D-1 VVEEINGNNY	35	>KIT-V560D-i VDEEINGNNY	18014	17979
>KIT-V560D-1 VVEEINGNNY	316	>KIT-V560D-i VDEEINGNNY	1500	1184
>KIT-V560D-1 VVEEINGNNY	167	>KIT-V560D-i VDEEINGNNY	14837	14670
>KIT-V560D-1 VVEEINGNNY	178	>KIT-V560D-i VDEEINGNNY	6653	6475
>KIT-V560D-1 KPMYEVQWf	136	>KIT-V560D-i KPMYEVQWf	18174	18038
>KIT-V560D-1 KVVEEINGNN	18836	>KIT-V560D-i KVDEEINGNN	317	18519
>KIT-V560D-1 KVVEEINGNN	31	>KIT-V560D-i KVDEEINGNN	4391	4360
>KIT-V560D-1 KVVEEINGNN	61	>KIT-V560D-i KVDEEINGNN	2930	2869
>KIT-V560D-1 KVVEEINGNN	114	>KIT-V560D-i KVDEEINGNN	164	50
>KIT-V560D-1 KVVEEINGNN	114	>KIT-V560D-i KVDEEINGNN	137	23
>KIT-V560D-1 KVVEEINGNN	100	>KIT-V560D-i KVDEEINGNN	1415	1315
>KIT-V560D-1 VQWKVVEEI	154	>KIT-V560D-i VQWKVDEEI	892	738
>KIT-V560D-1 VQWKVVEEI	91	>KIT-V560D-i VQWKVDEEI	451	360
>KIT-V560D-1 VQWKVVEEI	43	>KIT-V560D-i VQWKVDEEI	131	88
>KIT-V560D-1 VQWKVVEEI	17	>KIT-V560D-i VQWKVDEEI	149	132
>KIT-V560D-1 VQWKVVEEI	75	>KIT-V560D-i VQWKVDEEI	235	160
>KIT-V560D-1 VQWKVVEEI	468	>KIT-V560D-i VQWKVDEEI	1741	1273
>KIT-V560D-1 VQWKVVEEI	57	>KIT-V560D-i VQWKVDEEI	282	225
>KIT-V560D-1 EVQWKVVEE	147	>KIT-V560D-i EVQWKVDEE	938	791
>KIT-V560D-1 YEVQWKVV	10	>KIT-V560D-i YEVQWKVD	600	590
>KIT-V560D-1 YEVQWKVVE	11	>KIT-V560D-i YEVQWKVDE	24	13
>KIT-V560D-1 YEVQWKVV	373	>KIT-V560D-i YEVQWKVD	1276	903
>KIT-V560D-1 YEVQWKVVE	343	>KIT-V560D-i YEVQWKVDE	723	380
>KIT-V560D-1 YEVQWKVV	307	>KIT-V560D-i YEVQWKVD	13729	13422
>KIT-V560D-1 YEVQWKVVE	59	>KIT-V560D-i YEVQWKVDE	63	4
>KIT-V560D-1 YEVQWKVV	169	>KIT-V560D-i YEVQWKVD	5149	4980
>KIT-V560D-1 YEVQWKVVE	176	>KIT-V560D-i YEVQWKVDE	272	96
>KIT-V560D-1 YEVQWKVVE	3	>KIT-V560D-i YEVQWKVDE	5	2
>KIT-V560D-1 PMYEVQWK\	4	>KIT-V560D-i PMYEVQWK\	2956	2952
>KIT-V560D-1 PMYEVQWK\	97	>KIT-V560D-i PMYEVQWK\	19759	19662
>KIT-V560D-1 PMYEVQWK\	11	>KIT-V560D-i PMYEVQWK\	11411	11400
>KIT-V560D-1 PMYEVQWK\	54	>KIT-V560D-i PMYEVQWK\	23657	23603

>KIT-V560D-ı PMYEVQWK\	10	>KIT-V560D-i PMYEVQWK\	20232	20222
>KIT-V560E-ı VEEINGNNY\	328	>KIT-V560E-r EEEINGNNY\	258	70
>KIT-V560E-ı VEEINGNNY\	94	>KIT-V560E-r EEEINGNNY\	151	57
>KIT-V560E-ı VEEINGNNY\	1431	>KIT-V560E-r EEEINGNNY\	287	1144
>KIT-V560E-ı VEEINGNNY\	1190	>KIT-V560E-r EEEINGNNY\	386	804
>KIT-V560E-ı VEEINGNNY\	377	>KIT-V560E-r EEEINGNNY\	2107	1730
>KIT-V560E-ı VVEEINGNNY	16605	>KIT-V560E-r VEEEINGNNY	165	16440
>KIT-V560E-ı VVEEINGNNY	217	>KIT-V560E-r VEEEINGNNY	7217	7000
>KIT-V560E-ı VVEEINGNNY	87	>KIT-V560E-r VEEEINGNNY	2775	2688
>KIT-V560E-ı VVEEINGNNY	121	>KIT-V560E-r VEEEINGNNY	6449	6328
>KIT-V560E-ı VVEEINGNNY	35	>KIT-V560E-r VEEEINGNNY	11243	11208
>KIT-V560E-ı VVEEINGNNY	316	>KIT-V560E-r VEEEINGNNY	837	521
>KIT-V560E-ı VVEEINGNNY	167	>KIT-V560E-r VEEEINGNNY	17754	17587
>KIT-V560E-ı VVEEINGNNY	178	>KIT-V560E-r VEEEINGNNY	3379	3201
>KIT-V560E-ı VVEEINGNNY	21295	>KIT-V560E-r VEEEINGNNY	291	21004
>KIT-V560E-ı VVEEINGNNY	29507	>KIT-V560E-r VEEEINGNNY	225	29282
>KIT-V560E-ı KPMYEVQW\	136	>KIT-V560E-r KPMYEVQW\	11273	11137
>KIT-V560E-ı KVVVEEINGNN	31	>KIT-V560E-r KVEEEINGNN	1679	1648
>KIT-V560E-ı KVVVEEINGNN	61	>KIT-V560E-r KVEEEINGNN	2083	2022
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>KIT-V560E-ı VQWKVVEEI	154	>KIT-V560E-r VQWKVVEEI	519	365
>KIT-V560E-ı VQWKVVEEI	91	>KIT-V560E-r VQWKVVEEI	485	394
>KIT-V560E-ı VQWKVVEEI	43	>KIT-V560E-r VQWKVVEEI	216	173
>KIT-V560E-ı VQWKVVEEI	17	>KIT-V560E-r VQWKVVEEI	92	75
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>KIT-V560E-ı VQWKVVEEI	468	>KIT-V560E-r VQWKVVEEI	1966	1498
>KIT-V560E-ı VQWKVVEEI	57	>KIT-V560E-r VQWKVVEEI	148	91
>KIT-V560E-ı EVQWKVVEE	147	>KIT-V560E-r EVQWKVVEE	728	581
>KIT-V560E-ı YEVQWKVV	10	>KIT-V560E-r YEVQWKVE	327	317
>KIT-V560E-ı YEVQWKVV	11	>KIT-V560E-r YEVQWKVEE	16	5
>KIT-V560E-ı YEVQWKVV	373	>KIT-V560E-r YEVQWKVE	1890	1517
>KIT-V560E-ı YEVQWKVVE	343	>KIT-V560E-r YEVQWKVEE	905	562
>KIT-V560E-ı YEVQWKVV	307	>KIT-V560E-r YEVQWKVE	11311	11004
>KIT-V560E-ı YEVQWKVVE	59	>KIT-V560E-r YEVQWKVEE	61	2
>KIT-V560E-ı YEVQWKVV	169	>KIT-V560E-r YEVQWKVE	3851	3682
>KIT-V560E-ı YEVQWKVVE	176	>KIT-V560E-r YEVQWKVEE	255	79
>KIT-V560E-ı YEVQWKVVE	3	>KIT-V560E-r YEVQWKVEE	5	2
>KIT-V560E-ı PMYEVQWK\	4	>KIT-V560E-r PMYEVQWK\	3213	3209
>KIT-V560E-ı PMYEVQWK\	97	>KIT-V560E-r PMYEVQWK\	18086	17989
>KIT-V560E-ı PMYEVQWK\	11	>KIT-V560E-r PMYEVQWK\	11013	11002
>KIT-V560E-ı PMYEVQWK\	54	>KIT-V560E-r PMYEVQWK\	22629	22575

>KIT-V560E-v PMYEVQWK\	10	>KIT-V560E-r PMYEVQWK\	15788	15778
>KIT-V560G-1 VEEINGNNY\	328	>KIT-V560G-i GEEINGNNY\	561	233
>KIT-V560G-1 VEEINGNNY\	94	>KIT-V560G-i GEEINGNNY\	701	607
>KIT-V560G-1 VEEINGNNY\	377	>KIT-V560G-i GEEINGNNY\	296	81
>KIT-V560G-1 VVEEINGNNY	217	>KIT-V560G-i VGEEINGNN\	3150	2933
>KIT-V560G-1 VVEEINGNNY	87	>KIT-V560G-i VGEEINGNN\	3426	3339
>KIT-V560G-1 VVEEINGNNY	121	>KIT-V560G-i VGEEINGNN\	5637	5516
>KIT-V560G-1 VVEEINGNNY	35	>KIT-V560G-i VGEEINGNN\	8584	8549
>KIT-V560G-1 VVEEINGNNY	316	>KIT-V560G-i VGEEINGNN\	584	268
>KIT-V560G-1 VVEEINGNNY	167	>KIT-V560G-i VGEEINGNN\	8141	7974
>KIT-V560G-1 VVEEINGNNY	178	>KIT-V560G-i VGEEINGNN\	4761	4583
>KIT-V560G-1 KPMYEVQWf	136	>KIT-V560G-i KPMYEVQWf	15381	15245
>KIT-V560G-1 KVVVEEINGNN	31	>KIT-V560G-i KVGEEINGNN	465	434
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>KIT-V560G-1 VQWKVVEEI	154	>KIT-V560G-i VQWKVGEEI	672	518
>KIT-V560G-1 VQWKVVEEI	91	>KIT-V560G-i VQWKVGEEI	689	598
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>KIT-V560G-1 VQWKVVEEI	468	>KIT-V560G-i VQWKVGEEI	2090	1622
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>KIT-V560G-1 YEVQWKVV	10	>KIT-V560G-i YEVQWKVG	539	529
>KIT-V560G-1 YEVQWKVVE	11	>KIT-V560G-i YEVQWKVGE	18	7
>KIT-V560G-1 YEVQWKVV	373	>KIT-V560G-i YEVQWKVG	6745	6372
>KIT-V560G-1 YEVQWKVVE	343	>KIT-V560G-i YEVQWKVGE	459	116
>KIT-V560G-1 YEVQWKVV	307	>KIT-V560G-i YEVQWKVG	15682	15375
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>KIT-V560G-1 YEVQWKVV	169	>KIT-V560G-i YEVQWKVG	5728	5559
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>KIT-V560G-1 PMYEVQWK\	97	>KIT-V560G-i PMYEVQWK\	13890	13793
>KIT-V560G-1 PMYEVQWK\	11	>KIT-V560G-i PMYEVQWK\	4796	4785
>KIT-V560G-1 PMYEVQWK\	54	>KIT-V560G-i PMYEVQWK\	20200	20146
>KIT-V560G-1 PMYEVQWK\	10	>KIT-V560G-i PMYEVQWK\	14221	14211
>KIT-V569A-1 VYIDPTQLPY	495	>KIT-V569A-f AYIDPTQLPY	752	257
>KIT-V569A-1 VYIDPTQL	216	>KIT-V569A-f AYIDPTQL	1453	1237
>KIT-V569A-1 VYIDPTQL	43	>KIT-V569A-f AYIDPTQL	31	12
>KIT-V569A-1 VYIDPTQLPY	319	>KIT-V569A-f AYIDPTQLPY	86	233

>KIT-V569A-1 VYIDPTQLPY	33	>KIT-V569A-1 AYIDPTQLPY	28	5
>KIT-V569A-1 VYIDPTQLPY	64	>KIT-V569A-1 AYIDPTQLPY	80	16
>KIT-V569A-1 VYIDPTQLPY	32	>KIT-V569A-1 AYIDPTQLPY	87	55
>KIT-V569A-1 VYIDPTQL	962	>KIT-V569A-1 AYIDPTQL	384	578
>KIT-V569A-1 VVYIDPTQL	1082	>KIT-V569A-1 YAYIDPTQL	184	898
>KIT-V569A-1 VVYIDPTQL	193	>KIT-V569A-1 YAYIDPTQL	2056	1863
>KIT-V569A-1 VVYIDPTQL	135	>KIT-V569A-1 YAYIDPTQL	738	603
>KIT-V569A-1 VVYIDPTQL	24	>KIT-V569A-1 YAYIDPTQL	221	197
>KIT-V569A-1 VVYIDPTQL	261	>KIT-V569A-1 YAYIDPTQL	1431	1170
>KIT-V569A-1 VVYIDPTQL	18	>KIT-V569A-1 YAYIDPTQL	79	61
>KIT-V569A-1 VVYIDPTQL	71	>KIT-V569A-1 YAYIDPTQL	914	843
>KIT-V569A-1 VVYIDPTQL	16	>KIT-V569A-1 YAYIDPTQL	143	127
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>KIT-V569A-1 VVYIDPTQLP\	387	>KIT-V569A-1 YAYIDPTQLP\	5535	5148
>KIT-V569A-1 VVYIDPTQLP\	91	>KIT-V569A-1 YAYIDPTQLP\	3046	2955
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>KIT-V569A-1 VVYIDPTQL	27	>KIT-V569A-1 YAYIDPTQL	7	20
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>KIT-V569A-1 VVYIDPTQ	1950	>KIT-V569A-1 YAYIDPTQ	418	1532
>KIT-V569A-1 VVYIDPTQL	1902	>KIT-V569A-1 YAYIDPTQL	425	1477
>KIT-V569A-1 VVYIDPTQLP\	17	>KIT-V569A-1 YAYIDPTQLP\	9	8
>KIT-V569A-1 VVYIDPTQLP\	906	>KIT-V569A-1 YAYIDPTQLP\	97	809
>KIT-V569A-1 VVYIDPTQLP\	2852	>KIT-V569A-1 YAYIDPTQLP\	214	2638
>KIT-V569A-1 VVYIDPTQLP\	1053	>KIT-V569A-1 YAYIDPTQLP\	186	867
>KIT-V569A-1 VVYIDPTQL	423	>KIT-V569A-1 YAYIDPTQL	773	350
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>KIT-V569A-1 VVEEINGNNY	217	>KIT-V569A-1 VVEEINGNNY	1599	1382
>KIT-V569A-1 VVEEINGNNY	87	>KIT-V569A-1 VVEEINGNNY	966	879
>KIT-V569A-1 VVEEINGNNY	121	>KIT-V569A-1 VVEEINGNNY	5102	4981
>KIT-V569A-1 VVEEINGNNY	35	>KIT-V569A-1 VVEEINGNNY	5570	5535
>KIT-V569A-1 VVEEINGNNY	167	>KIT-V569A-1 VVEEINGNNY	2056	1889
>KIT-V569A-1 NYVYIDPTQL	150	>KIT-V569A-1 NYAYIDPTQL	93	57
>KIT-V569A-1 NYVYIDPTQL	163	>KIT-V569A-1 NYAYIDPTQL	95	68
>KIT-V569A-1 INGNNYVYI	163	>KIT-V569A-1 INGNNYAYI	131	32
>KIT-V569A-1 INGNNYVYI	141	>KIT-V569A-1 INGNNYAYI	112	29

>KIT-V569A-1 INGNNYVY	382	>KIT-V569A-r INGNNYAY	151	231
>KIT-V569A-1 INGNNYVY	256	>KIT-V569A-r INGNNYAY	172	84
>KIT-V569A-1 EINGNNYV	299	>KIT-V569A-r EINGNNYA	2838	2539
>KIT-V569A-1 EINGNNYVYI	985	>KIT-V569A-r EINGNNYAYI	450	535
>KIT-V569A-1 EINGNNYV	64	>KIT-V569A-r EINGNNYA	3184	3120
>KIT-V569A-1 EINGNNYVYI	229	>KIT-V569A-r EINGNNYAYI	181	48
>KIT-V569A-1 EINGNNYV	442	>KIT-V569A-r EINGNNYA	12961	12519
>KIT-V569A-1 EINGNNYV	41	>KIT-V569A-r EINGNNYA	2261	2220
>KIT-V569A-1 EINGNNYVYI	257	>KIT-V569A-r EINGNNYAYI	160	97
>KIT-V569A-1 EINGNNYV	34	>KIT-V569A-r EINGNNYA	5195	5161
>KIT-V569A-1 EINGNNYVY	763	>KIT-V569A-r EINGNNYAY	176	587
>KIT-V569A-1 EINGNNYVY	203	>KIT-V569A-r EINGNNYAY	54	149
>KIT-V569A-1 EINGNNYVY	17	>KIT-V569A-r EINGNNYAY	8	9
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>KIT-V569A-1 EINGNNYVY	218	>KIT-V569A-r EINGNNYAY	77	141
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>KIT-V569A-1 EINGNNYVY	1305	>KIT-V569A-r EINGNNYAY	358	947
>KIT-V569A-1 EINGNNYVY	340	>KIT-V569A-r EINGNNYAY	341	1
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>KIT-V569A-1 EINGNNYVYI	101	>KIT-V569A-r EINGNNYAYI	63	38
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>KIT-V569A-1 EINGNNYVYI	36	>KIT-V569A-r EINGNNYAYI	18	18
>KIT-V569A-1 EINGNNYVY	710	>KIT-V569A-r EINGNNYAY	327	383
>KIT-V569A-1 EINGNNYVY	168	>KIT-V569A-r EINGNNYAY	34	134
>KIT-V569A-1 EINGNNYVY	1173	>KIT-V569A-r EINGNNYAY	347	826
>KIT-V569A-1 EINGNNYVY	81	>KIT-V569A-r EINGNNYAY	65	16
>KIT-V569A-1 EEINGNNYVY	76	>KIT-V569A-r EEINGNNYAY	56	20
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>KIT-V569A-1 EEINGNNYVY	134	>KIT-V569A-r EEINGNNYAY	41	93
>KIT-V569A-1 EEINGNNYVY	328	>KIT-V569A-r EEINGNNYAY	311	17
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>KIT-V569A-1 EEINGNNYVY	322	>KIT-V569A-r EEINGNNYAY	191	131
>KIT-V569A-1 EEINGNNYV	234	>KIT-V569A-r EEINGNNYA	6031	5797
>KIT-V569A-1 EEINGNNYVY	59	>KIT-V569A-r EEINGNNYAY	80	21
>KIT-V569A-1 EEINGNNYVY	300	>KIT-V569A-r EEINGNNYAY	827	527
>KIT-V569A-1 EEINGNNYVY	466	>KIT-V569A-r EEINGNNYAY	148	318
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>KIT-V569A-1 EEINGNNYVY	190	>KIT-V569A-r EEINGNNYAY	215	25
>KIT-V569A-1 EEINGNNYV	74	>KIT-V569A-r EEINGNNYA	19	55
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>KIT-V569A-1 EEINGNNYV	305	>KIT-V569A-r EEINGNNYA	7844	7539
>KIT-V569A-1 EEINGNNYVY	63	>KIT-V569A-r EEINGNNYAY	62	1

>KIT-V569A-1 VEEINGNNYV	328	>KIT-V569A-1 VEEINGNNYA	6666	6338
>KIT-V569A-1 VEEINGNNYV	94	>KIT-V569A-1 VEEINGNNYA	47	47
>KIT-V569A-1 VEEINGNNYV	377	>KIT-V569A-1 VEEINGNNYA	6782	6405
>KIT-V569G-1 VYIDPTQLPY	495	>KIT-V569G-1 GYIDPTQLPY	1689	1194
>KIT-V569G-1 VYIDPTQL	216	>KIT-V569G-1 GYIDPTQL	671	455
>KIT-V569G-1 VYIDPTQL	43	>KIT-V569G-1 GYIDPTQL	54	11
>KIT-V569G-1 VYIDPTQLPY	319	>KIT-V569G-1 GYIDPTQLPY	1307	988
>KIT-V569G-1 VYIDPTQLPY	33	>KIT-V569G-1 GYIDPTQLPY	34	1
>KIT-V569G-1 VYIDPTQLPY	64	>KIT-V569G-1 GYIDPTQLPY	145	81
>KIT-V569G-1 VYIDPTQLPY	32	>KIT-V569G-1 GYIDPTQLPY	577	545
>KIT-V569G-1 YVYIDPTQL	193	>KIT-V569G-1 YGYIDPTQL	14007	13814
>KIT-V569G-1 YVYIDPTQL	135	>KIT-V569G-1 YGYIDPTQL	2478	2343
>KIT-V569G-1 YVYIDPTQL	24	>KIT-V569G-1 YGYIDPTQL	6676	6652
>KIT-V569G-1 YVYIDPTQL	261	>KIT-V569G-1 YGYIDPTQL	8818	8557
>KIT-V569G-1 YVYIDPTQL	18	>KIT-V569G-1 YGYIDPTQL	1003	985
>KIT-V569G-1 YVYIDPTQL	71	>KIT-V569G-1 YGYIDPTQL	3228	3157
>KIT-V569G-1 YVYIDPTQL	16	>KIT-V569G-1 YGYIDPTQL	4296	4280
>KIT-V569G-1 YVYIDPTQLP'	492	>KIT-V569G-1 YGYIDPTQLP'	9921	9429
>KIT-V569G-1 YVYIDPTQLP'	330	>KIT-V569G-1 YGYIDPTQLP'	10111	9781
>KIT-V569G-1 YVYIDPTQLP'	387	>KIT-V569G-1 YGYIDPTQLP'	16956	16569
>KIT-V569G-1 YVYIDPTQLP'	91	>KIT-V569G-1 YGYIDPTQLP'	19405	19314
>KIT-V569G-1 YVYIDPTQLP'	6	>KIT-V569G-1 YGYIDPTQLP'	21	15
>KIT-V569G-1 YVYIDPTQLP'	451	>KIT-V569G-1 YGYIDPTQLP'	11242	10791
>KIT-V569G-1 YVYIDPTQL	162	>KIT-V569G-1 YGYIDPTQL	9377	9215
>KIT-V569G-1 YVYIDPTQLP'	16	>KIT-V569G-1 YGYIDPTQLP'	562	546
>KIT-V569G-1 YVYIDPTQLP'	63	>KIT-V569G-1 YGYIDPTQLP'	144	81
>KIT-V569G-1 YVYIDPTQLP'	73	>KIT-V569G-1 YGYIDPTQLP'	133	60
>KIT-V569G-1 YVYIDPTQLP'	53	>KIT-V569G-1 YGYIDPTQLP'	85	32
>KIT-V569G-1 YVYIDPTQL	27	>KIT-V569G-1 YGYIDPTQL	219	192
>KIT-V569G-1 YVYIDPTQLP'	7	>KIT-V569G-1 YGYIDPTQLP'	15	8
>KIT-V569G-1 YVYIDPTQLP'	17	>KIT-V569G-1 YGYIDPTQLP'	24	7
>KIT-V569G-1 YVYIDPTQL	423	>KIT-V569G-1 YGYIDPTQL	1467	1044
>KIT-V569G-1 YVYIDPTQLP'	301	>KIT-V569G-1 YGYIDPTQLP'	946	645
>KIT-V569G-1 VVEEINGNNY	217	>KIT-V569G-1 VVEEINGNNY	15538	15321
>KIT-V569G-1 VVEEINGNNY	87	>KIT-V569G-1 VVEEINGNNY	20676	20589
>KIT-V569G-1 VVEEINGNNY	121	>KIT-V569G-1 VVEEINGNNY	22364	22243
>KIT-V569G-1 VVEEINGNNY	35	>KIT-V569G-1 VVEEINGNNY	31108	31073
>KIT-V569G-1 VVEEINGNNY	167	>KIT-V569G-1 VVEEINGNNY	16072	15905
>KIT-V569G-1 NYVYIDPTQL	150	>KIT-V569G-1 NYGYIDPTQL	1057	907
>KIT-V569G-1 NYVYIDPTQL	163	>KIT-V569G-1 NYGYIDPTQL	91	72
>KIT-V569G-1 INGNNYVYI	163	>KIT-V569G-1 INGNNYGYI	771	608
>KIT-V569G-1 INGNNYVYI	141	>KIT-V569G-1 INGNNYGYI	316	175
>KIT-V569G-1 INGNNYVY	382	>KIT-V569G-1 INGNNYGY	281	101

>KIT-V569G-1 INGNNYVY	256	>KIT-V569G-1 INGNNYGY	209	47
>KIT-V569G-1 EINGNNYV	299	>KIT-V569G-1 EINGNNYG	19897	19598
>KIT-V569G-1 EINGNNYV	64	>KIT-V569G-1 EINGNNYG	22204	22140
>KIT-V569G-1 EINGNNYVYI	229	>KIT-V569G-1 EINGNNYGYI	421	192
>KIT-V569G-1 EINGNNYV	442	>KIT-V569G-1 EINGNNYG	26091	25649
>KIT-V569G-1 EINGNNYV	41	>KIT-V569G-1 EINGNNYG	22061	22020
>KIT-V569G-1 EINGNNYVYI	257	>KIT-V569G-1 EINGNNYGYI	1002	745
>KIT-V569G-1 EINGNNYV	34	>KIT-V569G-1 EINGNNYG	30926	30892
>KIT-V569G-1 EINGNNYVY	203	>KIT-V569G-1 EINGNNYGY	35	168
>KIT-V569G-1 EINGNNYVY	17	>KIT-V569G-1 EINGNNYGY	14	3
>KIT-V569G-1 EINGNNYVY	425	>KIT-V569G-1 EINGNNYGY	38	387
>KIT-V569G-1 EINGNNYVY	218	>KIT-V569G-1 EINGNNYGY	163	55
>KIT-V569G-1 EINGNNYVY	70	>KIT-V569G-1 EINGNNYGY	79	9
>KIT-V569G-1 EINGNNYVY	340	>KIT-V569G-1 EINGNNYGY	288	52
>KIT-V569G-1 EINGNNYV	8	>KIT-V569G-1 EINGNNYG	3140	3132
>KIT-V569G-1 EINGNNYVYI	101	>KIT-V569G-1 EINGNNYGYI	85	16
>KIT-V569G-1 EINGNNYV	11	>KIT-V569G-1 EINGNNYG	12528	12517
>KIT-V569G-1 EINGNNYVYI	36	>KIT-V569G-1 EINGNNYGYI	32	4
>KIT-V569G-1 EINGNNYVY	168	>KIT-V569G-1 EINGNNYGY	419	251
>KIT-V569G-1 EINGNNYVY	81	>KIT-V569G-1 EINGNNYGY	123	42
>KIT-V569G-1 EEINGNNYVY	76	>KIT-V569G-1 EEINGNNYGY	43	33
>KIT-V569G-1 EEINGNNYVY	179	>KIT-V569G-1 EEINGNNYGY	142	37
>KIT-V569G-1 EEINGNNYVY	134	>KIT-V569G-1 EEINGNNYGY	20	114
>KIT-V569G-1 EEINGNNYVY	328	>KIT-V569G-1 EEINGNNYGY	397	69
>KIT-V569G-1 EEINGNNYV	241	>KIT-V569G-1 EEINGNNYG	17683	17442
>KIT-V569G-1 EEINGNNYVY	322	>KIT-V569G-1 EEINGNNYGY	926	604
>KIT-V569G-1 EEINGNNYV	234	>KIT-V569G-1 EEINGNNYG	14379	14145
>KIT-V569G-1 EEINGNNYVY	59	>KIT-V569G-1 EEINGNNYGY	92	33
>KIT-V569G-1 EEINGNNYVY	300	>KIT-V569G-1 EEINGNNYGY	764	464
>KIT-V569G-1 EEINGNNYVY	466	>KIT-V569G-1 EEINGNNYGY	317	149
>KIT-V569G-1 EEINGNNYV	488	>KIT-V569G-1 EEINGNNYG	2824	2336
>KIT-V569G-1 EEINGNNYVY	180	>KIT-V569G-1 EEINGNNYGY	177	3
>KIT-V569G-1 EEINGNNYVY	190	>KIT-V569G-1 EEINGNNYGY	342	152
>KIT-V569G-1 EEINGNNYV	74	>KIT-V569G-1 EEINGNNYG	889	815
>KIT-V569G-1 EEINGNNYVY	97	>KIT-V569G-1 EEINGNNYGY	238	141
>KIT-V569G-1 EEINGNNYV	305	>KIT-V569G-1 EEINGNNYG	18971	18666
>KIT-V569G-1 EEINGNNYVY	63	>KIT-V569G-1 EEINGNNYGY	81	18
>KIT-V569G-1 VEEINGNNYV	328	>KIT-V569G-1 VEEINGNNYC	18313	17985
>KIT-V569G-1 VEEINGNNYV	94	>KIT-V569G-1 VEEINGNNYC	151	57
>KIT-V569G-1 VEEINGNNYV	377	>KIT-V569G-1 VEEINGNNYC	28444	28067
>KIT-V569I-1 VYIDPTQLPY	495	>KIT-V569I-1 YIDPTQLPY	903	408
>KIT-V569I-1 VYIDPTQL	216	>KIT-V569I-1 YIDPTQL	160	56
>KIT-V569I-1 VYIDPTQL	694	>KIT-V569I-1 YIDPTQL	432	262



>KIT-V569I- $\mu$ VYIDPTQL	43	>KIT-V569I- $\pi$ IYIDPTQL	53	10
>KIT-V569I- $\mu$ VYIDPTQLPY	319	>KIT-V569I- $\pi$ IYIDPTQLPY	438	119
>KIT-V569I- $\mu$ VYIDPTQLPY	33	>KIT-V569I- $\pi$ IYIDPTQLPY	25	8
>KIT-V569I- $\mu$ VYIDPTQLPY	64	>KIT-V569I- $\pi$ IYIDPTQLPY	59	5
>KIT-V569I- $\mu$ VYIDPTQLPY	32	>KIT-V569I- $\pi$ IYIDPTQLPY	52	20
>KIT-V569I- $\mu$ VYIDPTQLPY	837	>KIT-V569I- $\pi$ IYIDPTQLPY	403	434
>KIT-V569I- $\mu$ VYVYIDPTQL	193	>KIT-V569I- $\pi$ YIYIDPTQL	95	98
>KIT-V569I- $\mu$ VYVYIDPTQL	135	>KIT-V569I- $\pi$ YIYIDPTQL	53	82
>KIT-V569I- $\mu$ VYVYIDPTQL	24	>KIT-V569I- $\pi$ YIYIDPTQL	13	11
>KIT-V569I- $\mu$ VYVYIDPTQL	261	>KIT-V569I- $\pi$ YIYIDPTQL	318	57
>KIT-V569I- $\mu$ VYVYIDPTQL	18	>KIT-V569I- $\pi$ YIYIDPTQL	8	10
>KIT-V569I- $\mu$ VYVYIDPTQL	71	>KIT-V569I- $\pi$ YIYIDPTQL	23	48
>KIT-V569I- $\mu$ VYVYIDPTQL	720	>KIT-V569I- $\pi$ YIYIDPTQL	295	425
>KIT-V569I- $\mu$ VYVYIDPTQ	673	>KIT-V569I- $\pi$ YIYIDPTQ	189	484
>KIT-V569I- $\mu$ VYVYIDPTQL	16	>KIT-V569I- $\pi$ YIYIDPTQL	8	8
>KIT-V569I- $\mu$ VYVYIDPTQLPY	492	>KIT-V569I- $\pi$ YIYIDPTQLPY	466	26
>KIT-V569I- $\mu$ VYVYIDPTQLPY	330	>KIT-V569I- $\pi$ YIYIDPTQLPY	629	299
>KIT-V569I- $\mu$ VYVYIDPTQLPY	387	>KIT-V569I- $\pi$ YIYIDPTQLPY	915	528
>KIT-V569I- $\mu$ VYVYIDPTQLPY	91	>KIT-V569I- $\pi$ YIYIDPTQLPY	398	307
>KIT-V569I- $\mu$ VYVYIDPTQLPY	6	>KIT-V569I- $\pi$ YIYIDPTQLPY	7	1
>KIT-V569I- $\mu$ VYVYIDPTQLPY	451	>KIT-V569I- $\pi$ YIYIDPTQLPY	1211	760
>KIT-V569I- $\mu$ VYVYIDPTQL	162	>KIT-V569I- $\pi$ YIYIDPTQL	363	201
>KIT-V569I- $\mu$ VYVYIDPTQLPY	16	>KIT-V569I- $\pi$ YIYIDPTQLPY	30	14
>KIT-V569I- $\mu$ VYVYIDPTQLPY	63	>KIT-V569I- $\pi$ YIYIDPTQLPY	61	2
>KIT-V569I- $\mu$ VYVYIDPTQLPY	73	>KIT-V569I- $\pi$ YIYIDPTQLPY	62	11
>KIT-V569I- $\mu$ VYVYIDPTQLPY	53	>KIT-V569I- $\pi$ YIYIDPTQLPY	37	16
>KIT-V569I- $\mu$ VYVYIDPTQL	27	>KIT-V569I- $\pi$ YIYIDPTQL	130	103
>KIT-V569I- $\mu$ VYVYIDPTQLPY	7	>KIT-V569I- $\pi$ YIYIDPTQLPY	15	8
>KIT-V569I- $\mu$ VYVYIDPTQLPY	17	>KIT-V569I- $\pi$ YIYIDPTQLPY	39	22
>KIT-V569I- $\mu$ VYVYIDPTQL	423	>KIT-V569I- $\pi$ YIYIDPTQL	1576	1153
>KIT-V569I- $\mu$ VYVYIDPTQLPY	301	>KIT-V569I- $\pi$ YIYIDPTQLPY	1123	822
>KIT-V569I- $\mu$ VVEEINGNNY	217	>KIT-V569I- $\pi$ VVEEINGNNY	737	520
>KIT-V569I- $\mu$ VVEEINGNNY	87	>KIT-V569I- $\pi$ VVEEINGNNY	557	470
>KIT-V569I- $\mu$ VVEEINGNNY	121	>KIT-V569I- $\pi$ VVEEINGNNY	1644	1523
>KIT-V569I- $\mu$ VVEEINGNNY	35	>KIT-V569I- $\pi$ VVEEINGNNY	4716	4681
>KIT-V569I- $\mu$ VVEEINGNNY	167	>KIT-V569I- $\pi$ VVEEINGNNY	857	690
>KIT-V569I- $\mu$ NYVYIDPTQL	150	>KIT-V569I- $\pi$ NYIYIDPTQL	69	81
>KIT-V569I- $\mu$ NYVYIDPTQL	163	>KIT-V569I- $\pi$ NYIYIDPTQL	66	97
>KIT-V569I- $\mu$ INGNNYVYI	163	>KIT-V569I- $\pi$ INGNNYIYI	143	20
>KIT-V569I- $\mu$ INGNNYVYI	141	>KIT-V569I- $\pi$ INGNNYIYI	144	3
>KIT-V569I- $\mu$ INGNNYVY	382	>KIT-V569I- $\pi$ INGNNYIY	323	59
>KIT-V569I- $\mu$ INGNNYVY	256	>KIT-V569I- $\pi$ INGNNYIY	274	18
>KIT-V569I- $\mu$ EINGNNYV	299	>KIT-V569I- $\pi$ EINGNNYI	1216	917

>KIT-V569I- $\nu$ EINGNNYV	64	>KIT-V569I- $\eta$ EINGNNYI	930	866
>KIT-V569I- $\nu$ EINGNNYVYI	229	>KIT-V569I- $\eta$ EINGNNYIYI	245	16
>KIT-V569I- $\nu$ EINGNNYV	442	>KIT-V569I- $\eta$ EINGNNYI	8901	8459
>KIT-V569I- $\nu$ EINGNNYV	41	>KIT-V569I- $\eta$ EINGNNYI	775	734
>KIT-V569I- $\nu$ EINGNNYVYI	257	>KIT-V569I- $\eta$ EINGNNYIYI	279	22
>KIT-V569I- $\nu$ EINGNNYV	34	>KIT-V569I- $\eta$ EINGNNYI	4255	4221
>KIT-V569I- $\nu$ EINGNNYVY	203	>KIT-V569I- $\eta$ EINGNNYIY	255	52
>KIT-V569I- $\nu$ EINGNNYVY	17	>KIT-V569I- $\eta$ EINGNNYIY	24	7
>KIT-V569I- $\nu$ EINGNNYVY	425	>KIT-V569I- $\eta$ EINGNNYIY	617	192
>KIT-V569I- $\nu$ EINGNNYVY	218	>KIT-V569I- $\eta$ EINGNNYIY	203	15
>KIT-V569I- $\nu$ EINGNNYVY	70	>KIT-V569I- $\eta$ EINGNNYIY	74	4
>KIT-V569I- $\nu$ EINGNNYVY	340	>KIT-V569I- $\eta$ EINGNNYIY	318	22
>KIT-V569I- $\nu$ EINGNNYV	8	>KIT-V569I- $\eta$ EINGNNYI	15	7
>KIT-V569I- $\nu$ EINGNNYVYI	101	>KIT-V569I- $\eta$ EINGNNYIYI	82	19
>KIT-V569I- $\nu$ EINGNNYV	11	>KIT-V569I- $\eta$ EINGNNYI	46	35
>KIT-V569I- $\nu$ EINGNNYVYI	36	>KIT-V569I- $\eta$ EINGNNYIYI	30	6
>KIT-V569I- $\nu$ EINGNNYVY	168	>KIT-V569I- $\eta$ EINGNNYIY	285	117
>KIT-V569I- $\nu$ EINGNNYVY	81	>KIT-V569I- $\eta$ EINGNNYIY	74	7
>KIT-V569I- $\nu$ EEINGNNYV	837	>KIT-V569I- $\eta$ EEINGNNYI	122	715
>KIT-V569I- $\nu$ EEINGNNYVY	76	>KIT-V569I- $\eta$ EEINGNNYIYI	79	3
>KIT-V569I- $\nu$ EEINGNNYVY	179	>KIT-V569I- $\eta$ EEINGNNYIY	251	72
>KIT-V569I- $\nu$ EEINGNNYVY	134	>KIT-V569I- $\eta$ EEINGNNYIY	191	57
>KIT-V569I- $\nu$ EEINGNNYVY	328	>KIT-V569I- $\eta$ EEINGNNYIY	236	92
>KIT-V569I- $\nu$ EEINGNNYV	241	>KIT-V569I- $\eta$ EEINGNNYI	1422	1181
>KIT-V569I- $\nu$ EEINGNNYVY	322	>KIT-V569I- $\eta$ EEINGNNYIY	541	219
>KIT-V569I- $\nu$ EEINGNNYV	234	>KIT-V569I- $\eta$ EEINGNNYI	96	138
>KIT-V569I- $\nu$ EEINGNNYVY	59	>KIT-V569I- $\eta$ EEINGNNYIYI	43	16
>KIT-V569I- $\nu$ EEINGNNYV	595	>KIT-V569I- $\eta$ EEINGNNYI	416	179
>KIT-V569I- $\nu$ EEINGNNYVY	300	>KIT-V569I- $\eta$ EEINGNNYIYI	228	72
>KIT-V569I- $\nu$ EEINGNNYVY	466	>KIT-V569I- $\eta$ EEINGNNYIY	528	62
>KIT-V569I- $\nu$ EEINGNNYV	488	>KIT-V569I- $\eta$ EEINGNNYI	354	134
>KIT-V569I- $\nu$ EEINGNNYVY	180	>KIT-V569I- $\eta$ EEINGNNYIY	160	20
>KIT-V569I- $\nu$ EEINGNNYVY	190	>KIT-V569I- $\eta$ EEINGNNYIYI	155	35
>KIT-V569I- $\nu$ EEINGNNYV	74	>KIT-V569I- $\eta$ EEINGNNYI	231	157
>KIT-V569I- $\nu$ EEINGNNYVY	97	>KIT-V569I- $\eta$ EEINGNNYIYI	79	18
>KIT-V569I- $\nu$ EEINGNNYV	305	>KIT-V569I- $\eta$ EEINGNNYI	86	219
>KIT-V569I- $\nu$ EEINGNNYVY	63	>KIT-V569I- $\eta$ EEINGNNYIYI	63	0
>KIT-V569I- $\nu$ VEEINGNNYV	328	>KIT-V569I- $\eta$ VEEINGNNYI	56	272
>KIT-V569I- $\nu$ VEEINGNNYV	94	>KIT-V569I- $\eta$ VEEINGNNYI'	111	17
>KIT-V569I- $\nu$ VEEINGNNYV	377	>KIT-V569I- $\eta$ VEEINGNNYI	36	341
>KIT-V643A- $\nu$ VLSYLGNHM	100	>KIT-V643A- $\tau$ ALSYLGNHM	46	54
>KIT-V643A- $\nu$ VLSYLGNHMI	36	>KIT-V643A- $\tau$ ALSYLGNHMI	19	17
>KIT-V643A- $\nu$ VLSYLGNHMI	48	>KIT-V643A- $\tau$ ALSYLGNHMI	35	13

>KIT-V643A-1 VLSYLGNHMI	201	>KIT-V643A-1 ALSYLGNHMI	268	67
>KIT-V643A-1 VLSYLGNHMI	217	>KIT-V643A-1 ALSYLGNHMI	267	50
>KIT-V643A-1 VLSYLGNHMI	294	>KIT-V643A-1 ALSYLGNHMI	298	4
>KIT-V643A-1 VLSYLGNHMI	73	>KIT-V643A-1 ALSYLGNHMI	72	1
>KIT-V643A-1 VLSYLGNHMI	1352	>KIT-V643A-1 ALSYLGNHMI	281	1071
>KIT-V643A-1 VLSYLGNHM	112	>KIT-V643A-1 ALSYLGNHM	81	31
>KIT-V643A-1 VLSYLGNHM	608	>KIT-V643A-1 ALSYLGNHM	367	241
>KIT-V643A-1 KVLSYLGNHM	147	>KIT-V643A-1 KALSYLGNHM	2053	1906
>KIT-V643A-1 KVLSYLGNHM	201	>KIT-V643A-1 KALSYLGNHM	817	616
>KIT-V643A-1 KVLSYLGNH	497	>KIT-V643A-1 KALSYLGNH	1179	682
>KIT-V643A-1 KVLSYLGNHM	968	>KIT-V643A-1 KALSYLGNHM	224	744
>KIT-V643A-1 KVLSYLGNHM	765	>KIT-V643A-1 KALSYLGNHM	68	697
>KIT-V643A-1 KVLSYLGNHM	1113	>KIT-V643A-1 KALSYLGNHM	175	938
>KIT-V643A-1 LKLSYLGNH	19	>KIT-V643A-1 LKALSYLGNH	22	3
>KIT-V643A-1 ELKVLSYL	445	>KIT-V643A-1 ELKALSYL	128	317
>KIT-V643A-1 ELKVLSYL	853	>KIT-V643A-1 ELKALSYL	265	588
>KIT-V643A-1 ELKVLSYL	221	>KIT-V643A-1 ELKALSYL	79	142
>KIT-V643A-1 ELKVLSYL	285	>KIT-V643A-1 ELKALSYL	328	43
>KIT-V643A-1 SELKVLSY	122	>KIT-V643A-1 SELKALSY	52	70
>KIT-V643A-1 SELKVLSYL	14	>KIT-V643A-1 SELKALSYL	16	2
>KIT-V643A-1 SELKVLSYL	2711	>KIT-V643A-1 SELKALSYL	110	2601
>KIT-V643A-1 SELKVLSYL	365	>KIT-V643A-1 SELKALSYL	450	85
>KIT-V643A-1 SELKVLSY	102	>KIT-V643A-1 SELKALSY	191	89
>KIT-V643A-1 SELKVLSY	361	>KIT-V643A-1 SELKALSY	303	58
>KIT-V643A-1 SELKVLSY	22	>KIT-V643A-1 SELKALSY	18	4
>KIT-V643A-1 SELKVLSYL	427	>KIT-V643A-1 SELKALSYL	237	190
>KIT-V643A-1 SELKVLSYL	54	>KIT-V643A-1 SELKALSYL	54	0
>KIT-V643A-1 SELKVLSYL	97	>KIT-V643A-1 SELKALSYL	73	24
>KIT-V643A-1 SELKVLSY	171	>KIT-V643A-1 SELKALSY	179	8
>KIT-V643A-1 SELKVLSY	54	>KIT-V643A-1 SELKALSY	47	7
>KIT-V643A-1 SELKVLSYL	151	>KIT-V643A-1 SELKALSYL	175	24
>KIT-V643A-1 SELKVLSYLG	270	>KIT-V643A-1 SELKALSYLG	406	136
>KIT-V643A-1 SELKVLSYLG	276	>KIT-V643A-1 SELKALSYLG	288	12
>KIT-V643A-1 SELKVLSYL	437	>KIT-V643A-1 SELKALSYL	1003	566
>KIT-V643A-1 SELKVLSYL	10	>KIT-V643A-1 SELKALSYL	12	2
>KIT-V643A-1 MSELKVLSY	11	>KIT-V643A-1 MSELKALSY	9	2
>KIT-V643A-1 MSELKVLSY	246	>KIT-V643A-1 MSELKALSY	97	149
>KIT-V643A-1 MSELKVLSY	4	>KIT-V643A-1 MSELKALSY	4	0
>KIT-V643A-1 MSELKVLSYL	32	>KIT-V643A-1 MSELKALSYL	16	16
>KIT-V643A-1 MSELKVLSY	738	>KIT-V643A-1 MSELKALSY	488	250
>KIT-V643A-1 MSELKVLSY	485	>KIT-V643A-1 MSELKALSY	195	290
>KIT-V643A-1 MSELKVLSYL	106	>KIT-V643A-1 MSELKALSYL	85	21
>KIT-V643A-1 MSELKVLSY	909	>KIT-V643A-1 MSELKALSY	465	444

>KIT-V643A-1 LMSELKVLSY	472	>KIT-V643A-r LMSELKALSY	398	74
>KIT-V643A-1 LMSELKVL	384	>KIT-V643A-r LMSELKAL	151	233
>KIT-V643A-1 LMSELKVLSYI	22	>KIT-V643A-r LMSELKALSYI	22	0
>KIT-V643A-1 LMSELKVL	28	>KIT-V643A-r LMSELKAL	10	18
>KIT-V643A-1 LMSELKVL	576	>KIT-V643A-r LMSELKALS	325	251
>KIT-V643A-1 LMSELKVLSYI	3	>KIT-V643A-r LMSELKALSYI	3	0
>KIT-V643A-1 LMSELKVL	53	>KIT-V643A-r LMSELKAL	19	34
>KIT-V643A-1 LMSELKVLSYI	11	>KIT-V643A-r LMSELKALSYI	7	4
>KIT-V643A-1 LMSELKVL	735	>KIT-V643A-r LMSELKAL	177	558
>KIT-V643A-1 LMSELKVLSYI	31	>KIT-V643A-r LMSELKALSYI	29	2
>KIT-V643A-1 LMSELKVL	19	>KIT-V643A-r LMSELKAL	11	8
>KIT-V643A-1 LMSELKVLSYI	3	>KIT-V643A-r LMSELKALSYI	4	1
>KIT-V643A-1 LMSELKVL	53	>KIT-V643A-r LMSELKAL	25	28
>KIT-V643A-1 LMSELKVLSYI	8	>KIT-V643A-r LMSELKALSYI	8	0
>KIT-V643A-1 LMSELKVL	116	>KIT-V643A-r LMSELKAL	135	19
>KIT-V643A-1 LMSELKVLSYI	12	>KIT-V643A-r LMSELKALSYI	15	3
>KIT-V643A-1 LMSELKVL	104	>KIT-V643A-r LMSELKAL	71	33
>KIT-V643A-1 LMSELKVLSYI	8	>KIT-V643A-r LMSELKALSYI	6	2
>KIT-V643A-1 LMSELKVL	6	>KIT-V643A-r LMSELKAL	6	0
>KIT-V643A-1 LMSELKVLSYI	3	>KIT-V643A-r LMSELKALSYI	2	1
>KIT-V643A-1 LMSELKVLSY	243	>KIT-V643A-r LMSELKALSY	136	107
>KIT-V643A-1 LMSELKVLSY	465	>KIT-V643A-r LMSELKALSY	573	108
>KIT-V643A-1 LMSELKVLSY	131	>KIT-V643A-r LMSELKALSY	107	24
>KIT-V643A-1 LMSELKVL	357	>KIT-V643A-r LMSELKAL	327	30
>KIT-V643A-1 LMSELKVLSY	44	>KIT-V643A-r LMSELKALSY	46	2
>KIT-V643A-1 LMSELKVLSYI	435	>KIT-V643A-r LMSELKALSYI	296	139
>KIT-V643A-1 LMSELKVLSY	711	>KIT-V643A-r LMSELKALSY	459	252
>KIT-V643A-1 LMSELKVL	289	>KIT-V643A-r LMSELKAL	213	76
>KIT-V643A-1 LMSELKVLSY	30	>KIT-V643A-r LMSELKALSY	52	22
>KIT-V643A-1 LMSELKVLSYI	347	>KIT-V643A-r LMSELKALSYI	342	5
>KIT-V643A-1 LMSELKVLSY	349	>KIT-V643A-r LMSELKALSY	167	182
>KIT-V643A-1 LMSELKVLSY	254	>KIT-V643A-r LMSELKALSY	164	90
>KIT-V643A-1 ALMSELKV	13	>KIT-V643A-r ALMSELKA	61	48
>KIT-V643A-1 ALMSELKVL	93	>KIT-V643A-r ALMSELKAL	43	50
>KIT-V643A-1 ALMSELKV	7	>KIT-V643A-r ALMSELKA	32	25
>KIT-V643A-1 ALMSELKVL	16	>KIT-V643A-r ALMSELKAL	6	10
>KIT-V643A-1 ALMSELKVL	650	>KIT-V643A-r ALMSELKALS	429	221
>KIT-V643A-1 ALMSELKV	6	>KIT-V643A-r ALMSELKA	24	18
>KIT-V643A-1 ALMSELKVL	18	>KIT-V643A-r ALMSELKAL	8	10
>KIT-V643A-1 ALMSELKV	25	>KIT-V643A-r ALMSELKA	281	256
>KIT-V643A-1 ALMSELKVL	476	>KIT-V643A-r ALMSELKAL	93	383
>KIT-V643A-1 ALMSELKV	4	>KIT-V643A-r ALMSELKA	100	96
>KIT-V643A-1 ALMSELKVL	41	>KIT-V643A-r ALMSELKAL	18	23

>KIT-V643A-1 ALMSELKV	7	>KIT-V643A-r ALMSELKA	321	314
>KIT-V643A-1 ALMSELKVL	31	>KIT-V643A-r ALMSELKAL	14	17
>KIT-V643A-1 ALMSELKV	9	>KIT-V643A-r ALMSELKA	202	193
>KIT-V643A-1 ALMSELKV	4	>KIT-V643A-r ALMSELKA	292	288
>KIT-V643A-1 ALMSELKVL	39	>KIT-V643A-r ALMSELKAL	28	11
>KIT-V643A-1 ALMSELKV	2	>KIT-V643A-r ALMSELKA	10	8
>KIT-V643A-1 ALMSELKVL	10	>KIT-V643A-r ALMSELKAL	6	4
>KIT-V643A-1 ALMSELKVLS	293	>KIT-V643A-r ALMSELKALS	282	11
>KIT-V643A-1 ALMSELKVLS	306	>KIT-V643A-r ALMSELKALS	340	34
>KIT-V643A-1 ALMSELKVLS	200	>KIT-V643A-r ALMSELKALS	467	267
>KIT-V643A-1 ALMSELKVLS	125	>KIT-V643A-r ALMSELKALS	75	50
>KIT-V643A-1 ALMSELKVLS	115	>KIT-V643A-r ALMSELKALS	98	17
>KIT-V643A-1 ALMSELKVLS	74	>KIT-V643A-r ALMSELKALS	67	7
>KIT-V643A-1 ALMSELKVL	1005	>KIT-V643A-r ALMSELKAL	458	547
>KIT-V643A-1 ALMSELKVLS	48	>KIT-V643A-r ALMSELKALS	58	10
>KIT-V643A-1 ALMSELKVLS	439	>KIT-V643A-r ALMSELKALS	326	113
>KIT-V643A-1 ALMSELKVL	216	>KIT-V643A-r ALMSELKAL	97	119
>KIT-V643A-1 ALMSELKVLS	25	>KIT-V643A-r ALMSELKALS	29	4
>KIT-V643A-1 ALMSELKVLS	270	>KIT-V643A-r ALMSELKALS	202	68
>KIT-V643A-1 EALMSELKV	192	>KIT-V643A-r EALMSELKA	6026	5834
>KIT-V643A-1 REALMSELKV	131	>KIT-V643A-r REALMSELKA	5056	4925
>KIT-V643A-1 REALMSELKV	58	>KIT-V643A-r REALMSELKA	69	11
>KIT-V643A-1 REALMSELKV	30	>KIT-V643A-r REALMSELKA	20	10
>KIT-V643A-1 REALMSELKV	131	>KIT-V643A-r REALMSELKA	276	145
>KIT-V643A-1 REALMSELKV	74	>KIT-V643A-r REALMSELKA	54	20
>KIT-V643A-1 REALMSELKV	425	>KIT-V643A-r REALMSELKA	119	306
>KIT-V643A-1 REALMSELKV	41	>KIT-V643A-r REALMSELKA	999	958
>KIT-V643A-1 REALMSELKV	10	>KIT-V643A-r REALMSELKA	8	2
>KIT-V654A-1 VNLLGACTI	473	>KIT-V654A-r ANLLGACTI	1152	679
>KIT-V654A-1 VNLLGACTI	677	>KIT-V654A-r ANLLGACTI	381	296
>KIT-V654A-1 IVNLLGACTI	387	>KIT-V654A-r IANLLGACTI	3543	3156
>KIT-V654A-1 IVNLLGACTI	1204	>KIT-V654A-r IANLLGACTI	139	1065
>KIT-V654A-1 IVNLLGACTI	356	>KIT-V654A-r IANLLGACTI	338	18
>KIT-V654A-1 LSYLGNHMN	440	>KIT-V654A-r LSYLGNHMN	2000	1560
>KIT-V654A-1 LSYLGNHMN	332	>KIT-V654A-r LSYLGNHMN	4582	4250
>KIT-V654A-1 LSYLGNHMN	288	>KIT-V654A-r LSYLGNHMN	2281	1993
>KIT-V654A-1 NIVNLLGA	188	>KIT-V654A-r NIANLLGA	62	126
>KIT-V654A-1 NIVNLLGACT	305	>KIT-V654A-r NIANLLGACT	107	198
>KIT-V654A-1 NIVNLLGA	135	>KIT-V654A-r NIANLLGA	190	55
>KIT-V654A-1 NIVNLLGACT	224	>KIT-V654A-r NIANLLGACT	286	62
>KIT-V654A-1 NIVNLLGA	895	>KIT-V654A-r NIANLLGA	247	648
>KIT-V654A-1 NIVNLLGACT	686	>KIT-V654A-r NIANLLGACT	184	502
>KIT-V654A-1 NIVNLLGACT	347	>KIT-V654A-r NIANLLGACT	173	174

>KIT-V654A-1 HMNIVNLL	410	>KIT-V654A-r HMNIANLL	1232	822
>KIT-V654A-1 HMNIVNLL	11	>KIT-V654A-r HMNIANLL	12	1
>KIT-V654A-1 HMNIVNLLG,	450	>KIT-V654A-r HMNIANLLG,	353	97
>KIT-V654A-1 HMNIVNLL	48	>KIT-V654A-r HMNIANLL	93	45
>KIT-V654A-1 HMNIVNLLG,	160	>KIT-V654A-r HMNIANLLG,	122	38
>KIT-V654A-1 HMNIVNLL	41	>KIT-V654A-r HMNIANLL	261	220
>KIT-V654A-1 HMNIVNLLG,	74	>KIT-V654A-r HMNIANLLG,	199	125
>KIT-V654A-1 HMNIVNLLG,	346	>KIT-V654A-r HMNIANLLG,	1168	822
>KIT-V654A-1 HMNIVNLL	187	>KIT-V654A-r HMNIANLL	337	150
>KIT-V654A-1 HMNIVNLLG,	469	>KIT-V654A-r HMNIANLLG,	463	6
>KIT-V654A-1 HMNIVNLL	116	>KIT-V654A-r HMNIANLL	319	203
>KIT-V654A-1 HMNIVNLLG,	270	>KIT-V654A-r HMNIANLLG,	401	131
>KIT-V654A-1 HMNIVNLL	45	>KIT-V654A-r HMNIANLL	60	15
>KIT-V654A-1 HMNIVNLLG,	158	>KIT-V654A-r HMNIANLLG,	103	55
>KIT-V654A-1 HMNIVNLL	434	>KIT-V654A-r HMNIANLL	371	63
>KIT-V654A-1 NHMNIVNLL	242	>KIT-V654A-r NHMNIANLL	787	545
>KIT-V654A-1 NHMNIVNL	361	>KIT-V654A-r NHMNIANL	307	54
>KIT-V654A-1 NHMNIVNLL	171	>KIT-V654A-r NHMNIANLL	160	11
>KIT-V654A-1 NHMNIVNL	15	>KIT-V654A-r NHMNIANL	15	0
>KIT-V654A-1 NHMNIVNLL	9	>KIT-V654A-r NHMNIANLL	7	2
>KIT-V654A-1 YLGNHMNIV	27	>KIT-V654A-r YLGNHMNIA	172	145
>KIT-V654A-1 YLGNHMNIV	23	>KIT-V654A-r YLGNHMNIA	22	1
>KIT-V654A-1 YLGNHMNIV	5	>KIT-V654A-r YLGNHMNIA	18	13
>KIT-V654A-1 YLGNHMNIV	6	>KIT-V654A-r YLGNHMNIA	5	1
>KIT-V654A-1 YLGNHMNIV	3	>KIT-V654A-r YLGNHMNIA	7	4
>KIT-V654A-1 YLGNHMNIV	10	>KIT-V654A-r YLGNHMNIA	6	4
>KIT-V654A-1 YLGNHMNIV	26	>KIT-V654A-r YLGNHMNIA	213	187
>KIT-V654A-1 YLGNHMNIV	111	>KIT-V654A-r YLGNHMNIA	103	8
>KIT-V654A-1 YLGNHMNIV	4	>KIT-V654A-r YLGNHMNIA	84	80
>KIT-V654A-1 YLGNHMNIV	5	>KIT-V654A-r YLGNHMNIA	5	0
>KIT-V654A-1 YLGNHMNIV	3	>KIT-V654A-r YLGNHMNIA	22	19
>KIT-V654A-1 YLGNHMNIV	4	>KIT-V654A-r YLGNHMNIA	4	0
>KIT-V654A-1 YLGNHMNIV	8	>KIT-V654A-r YLGNHMNIA	121	113
>KIT-V654A-1 YLGNHMNIV	12	>KIT-V654A-r YLGNHMNIA	13	1
>KIT-V654A-1 YLGNHMNIV	14	>KIT-V654A-r YLGNHMNIA	2359	2345
>KIT-V654A-1 YLGNHMNIV	20	>KIT-V654A-r YLGNHMNIA	16	4
>KIT-V654A-1 YLGNHMNIV	2	>KIT-V654A-r YLGNHMNIA	13	11
>KIT-V654A-1 YLGNHMNIV	2	>KIT-V654A-r YLGNHMNIA	2	0
>KIT-V654A-1 SYLGNHMNI	177	>KIT-V654A-r SYLGNHMNI/	4733	4556
>KIT-V654A-1 SYLGNHMNI	497	>KIT-V654A-r SYLGNHMNI/	15726	15229
>KIT-V654A-1 SYLGNHMNI	45	>KIT-V654A-r SYLGNHMNI/	410	365
>KIT-V654A-1 SYLGNHMNI	781	>KIT-V654A-r SYLGNHMNI/	455	326
>KIT-V654A-1 SYLGNHMNI	143	>KIT-V654A-r SYLGNHMNI/	376	233

>KIT-V654A-v SYLGNHMNI	53	>KIT-V654A-r SYLGNHMNI/	121	68
>KIT-V654E-v VNLLGACTI	473	>KIT-V654E-r ENLLGACTI	371	102
>KIT-V654E-v IVNLLGAC	39767	>KIT-V654E-r IENLLGAC	205	39562
>KIT-V654E-v IVNLLGACTI	2788	>KIT-V654E-r IENLLGACTI	9	2779
>KIT-V654E-v IVNLLGACTI	387	>KIT-V654E-r IENLLGACTI	7308	6921
>KIT-V654E-v IVNLLGACTI	28651	>KIT-V654E-r IENLLGACTI	83	28568
>KIT-V654E-v IVNLLGACTI	356	>KIT-V654E-r IENLLGACTI	6647	6291
>KIT-V654E-v LSYLGNHMN	440	>KIT-V654E-r LSYLGNHMN	7659	7219
>KIT-V654E-v LSYLGNHMN	332	>KIT-V654E-r LSYLGNHMN	7325	6993
>KIT-V654E-v LSYLGNHMN	288	>KIT-V654E-r LSYLGNHMN	4947	4659
>KIT-V654E-v NIVNLLGA	188	>KIT-V654E-r NIENLLGA	3050	2862
>KIT-V654E-v NIVNLLGACT	305	>KIT-V654E-r NIENLLGACTI	3885	3580
>KIT-V654E-v NIVNLLGA	135	>KIT-V654E-r NIENLLGA	2406	2271
>KIT-V654E-v NIVNLLGACT	224	>KIT-V654E-r NIENLLGACTI	3508	3284
>KIT-V654E-v NIVNLLGACT	347	>KIT-V654E-r NIENLLGACTI	3638	3291
>KIT-V654E-v HMNIVNLL	410	>KIT-V654E-r HMNIENLL	1793	1383
>KIT-V654E-v HMNIVNLLG/	755	>KIT-V654E-r HMNIENLLG/	366	389
>KIT-V654E-v HMNIVNLL	11	>KIT-V654E-r HMNIENLL	14	3
>KIT-V654E-v HMNIVNLLG/	450	>KIT-V654E-r HMNIENLLG/	393	57
>KIT-V654E-v HMNIVNLL	48	>KIT-V654E-r HMNIENLL	306	258
>KIT-V654E-v HMNIVNLLG/	160	>KIT-V654E-r HMNIENLLG/	121	39
>KIT-V654E-v HMNIVNLL	41	>KIT-V654E-r HMNIENLL	362	321
>KIT-V654E-v HMNIVNLLG/	74	>KIT-V654E-r HMNIENLLG/	180	106
>KIT-V654E-v HMNIVNLLG/	346	>KIT-V654E-r HMNIENLLG/	1326	980
>KIT-V654E-v HMNIVNLL	187	>KIT-V654E-r HMNIENLL	497	310
>KIT-V654E-v HMNIVNLLG/	469	>KIT-V654E-r HMNIENLLG/	378	91
>KIT-V654E-v HMNIVNLL	116	>KIT-V654E-r HMNIENLL	610	494
>KIT-V654E-v HMNIVNLLG/	270	>KIT-V654E-r HMNIENLLG/	601	331
>KIT-V654E-v HMNIVNLL	45	>KIT-V654E-r HMNIENLL	78	33
>KIT-V654E-v HMNIVNLLG/	158	>KIT-V654E-r HMNIENLLG/	112	46
>KIT-V654E-v HMNIVNLL	434	>KIT-V654E-r HMNIENLL	1287	853
>KIT-V654E-v NHMNIENLL	242	>KIT-V654E-r NHMNIENLL	1438	1196
>KIT-V654E-v NHMNIENL	361	>KIT-V654E-r NHMNIENL	284	77
>KIT-V654E-v NHMNIENLL	171	>KIT-V654E-r NHMNIENLL	117	54
>KIT-V654E-v NHMNIENL	15	>KIT-V654E-r NHMNIENL	64	49
>KIT-V654E-v NHMNIENLL	9	>KIT-V654E-r NHMNIENLL	17	8
>KIT-V654E-v YLGNHMNIV	27	>KIT-V654E-r YLGNHMNIE	19348	19321
>KIT-V654E-v YLGNHMNIV/	23	>KIT-V654E-r YLGNHMNIE/	31	8
>KIT-V654E-v YLGNHMNIV	5	>KIT-V654E-r YLGNHMNIE	3764	3759
>KIT-V654E-v YLGNHMNIV/	6	>KIT-V654E-r YLGNHMNIE/	5	1
>KIT-V654E-v YLGNHMNIV	3	>KIT-V654E-r YLGNHMNIE	6149	6146
>KIT-V654E-v YLGNHMNIV/	10	>KIT-V654E-r YLGNHMNIE/	11	1
>KIT-V654E-v YLGNHMNIV	26	>KIT-V654E-r YLGNHMNIE	18291	18265

>KIT-V654E-v YLGNHMNIV	111	>KIT-V654E-r YLGNHMNIEI	112	1
>KIT-V654E-v YLGNHMNIV	4	>KIT-V654E-r YLGNHMNIE	13169	13165
>KIT-V654E-v YLGNHMNIV	5	>KIT-V654E-r YLGNHMNIEI	5	0
>KIT-V654E-v YLGNHMNIV	3	>KIT-V654E-r YLGNHMNIE	8082	8079
>KIT-V654E-v YLGNHMNIV	4	>KIT-V654E-r YLGNHMNIEI	5	1
>KIT-V654E-v YLGNHMNIV	8	>KIT-V654E-r YLGNHMNIE	16746	16738
>KIT-V654E-v YLGNHMNIV	12	>KIT-V654E-r YLGNHMNIEI	15	3
>KIT-V654E-v YLGNHMNIV	14	>KIT-V654E-r YLGNHMNIE	25374	25360
>KIT-V654E-v YLGNHMNIV	20	>KIT-V654E-r YLGNHMNIEI	20	0
>KIT-V654E-v YLGNHMNIV	2	>KIT-V654E-r YLGNHMNIE	6682	6680
>KIT-V654E-v YLGNHMNIV	2	>KIT-V654E-r YLGNHMNIEI	3	1
>KIT-V654E-v SYLGNHMNI	177	>KIT-V654E-r SYLGNHMNIEI	20208	20031
>KIT-V654E-v SYLGNHMNI	497	>KIT-V654E-r SYLGNHMNIEI	35733	35236
>KIT-V654E-v SYLGNHMNI	45	>KIT-V654E-r SYLGNHMNIEI	921	876
>KIT-V654E-v SYLGNHMNI	614	>KIT-V654E-r SYLGNHMNIEI	369	245
>KIT-V654E-v SYLGNHMNI	143	>KIT-V654E-r SYLGNHMNIEI	8724	8581
>KIT-V654E-v SYLGNHMNI	53	>KIT-V654E-r SYLGNHMNIEI	3454	3401
>KIT-V825A-v VKGNARLPV	245	>KIT-V825A-r AKGNARLPV	142	103
>KIT-V825A-v VVKGNARLP	360	>KIT-V825A-r VAKGNARLP	1303	943
>KIT-V825A-v VVKGNARL	340	>KIT-V825A-r VAKGNARL	4715	4375
>KIT-V825A-v VVKGNARLP	51	>KIT-V825A-r VAKGNARLP	1009	958
>KIT-V825A-v VVKGNARLP	343	>KIT-V825A-r VAKGNARLP	2752	2409
>KIT-V825A-v VVKGNARLP	413	>KIT-V825A-r VAKGNARLP	2341	1928
>KIT-V825A-v VVKGNARLP	90	>KIT-V825A-r VAKGNARLP	265	175
>KIT-V825A-v VVKGNARLP	13	>KIT-V825A-r VAKGNARLP	32	19
>KIT-V825A-v VVKGNARL	671	>KIT-V825A-r VAKGNARL	47	624
>KIT-V825A-v RDIKNDSNYV	394	>KIT-V825A-r RDIKNDSNYV	499	105
>KIT-V825A-v RDIKNDSNYV	87	>KIT-V825A-r RDIKNDSNYV	2550	2463
>KIT-V825A-v YVVKGNARL	634	>KIT-V825A-r YVAKGNARL	180	454
>KIT-V825A-v YVVKGNARLF	127	>KIT-V825A-r YVAKGNARLF	37	90
>KIT-V825A-v YVVKGNARL	213	>KIT-V825A-r YVAKGNARL	40	173
>KIT-V825A-v YVVKGNARLF	357	>KIT-V825A-r YVAKGNARLF	76	281
>KIT-V825A-v YVVKGNARL	340	>KIT-V825A-r YVAKGNARL	125	215
>KIT-V825A-v YVVKGNARLF	27	>KIT-V825A-r YVAKGNARLF	13	14
>KIT-V825A-v YVVKGNARL	56	>KIT-V825A-r YVAKGNARL	79	23
>KIT-V825A-v YVVKGNARLF	8	>KIT-V825A-r YVAKGNARLF	9	1
>KIT-V825A-v YVVKGNARL	489	>KIT-V825A-r YVAKGNARL	376	113
>KIT-V825A-v YVVKGNARLF	74	>KIT-V825A-r YVAKGNARLF	57	17
>KIT-V825A-v YVVKGNARLF	234	>KIT-V825A-r YVAKGNARLF	226	8
>KIT-V825A-v YVVKGNARLF	90	>KIT-V825A-r YVAKGNARLF	26	64
>KIT-V825A-v YVVKGNARL	3108	>KIT-V825A-r YVAKGNARL	338	2770
>KIT-V825A-v YVVKGNARLF	1045	>KIT-V825A-r YVAKGNARLF	133	912
>KIT-V825A-v YVVKGNARL	23	>KIT-V825A-r YVAKGNARL	12	11



>KIT-V825A-1 YVVKGNARLF	6	>KIT-V825A-r YVAKGNARLF	4	2
>KIT-V825A-1 YVVKGNARL	55	>KIT-V825A-r YVAKGNARL	324	269
>KIT-V825A-1 YVVKGNAR	468	>KIT-V825A-r YVAKGNAR	465	3
>KIT-V825A-1 YVVKGNAR	426	>KIT-V825A-r YVAKGNAR	501	75
>KIT-V825A-1 YVVKGNAR	18	>KIT-V825A-r YVAKGNAR	11	7
>KIT-V825A-1 YVVKGNARL	110	>KIT-V825A-r YVAKGNARL	31	79
>KIT-V825A-1 YVVKGNARLF	16	>KIT-V825A-r YVAKGNARLF	9	7
>KIT-V825A-1 YVVKGNARL	250	>KIT-V825A-r YVAKGNARL	144	106
>KIT-V825A-1 YVVKGNARLF	13	>KIT-V825A-r YVAKGNARLF	9	4
>KIT-V825A-1 YVVKGNARL	2202	>KIT-V825A-r YVAKGNARL	230	1972
>KIT-V825A-1 YVVKGNARLF	506	>KIT-V825A-r YVAKGNARLF	97	409
>KIT-V825A-1 YVVKGNARL	56	>KIT-V825A-r YVAKGNARL	175	119
>KIT-V825A-1 YVVKGNARL	144	>KIT-V825A-r YVAKGNARL	124	20
>KIT-V825A-1 NYVVKGNAR	253	>KIT-V825A-r NYVAKGNAR	67	186
>KIT-V825A-1 NYVVKGNAR	309	>KIT-V825A-r NYVAKGNAR	223	86
>KIT-V825A-1 NYVVKGNAR	170	>KIT-V825A-r NYVAKGNAR	235	65
>KIT-V825A-1 NYVVKGNAR	384	>KIT-V825A-r NYVAKGNAR	87	297
>KIT-V825A-1 SNYVVKGNAL	129	>KIT-V825A-r SNYVAKGNAL	81	48
>KIT-V825A-1 DSNYVVKGN.	76	>KIT-V825A-r DSNYVAKGN.	115	39
>KIT-V825A-1 DSNYVVKGN.	27	>KIT-V825A-r DSNYVAKGN.	25	2
>KIT-V825A-1 IKNDSNYVV	26	>KIT-V825A-r IKNDSNYVA	155	129
>KIT-V825A-1 IKNDSNYVVK	83	>KIT-V825A-r IKNDSNYVAK	57	26
>KIT-V825A-1 DIKNDNSNYVV	291	>KIT-V825A-r DIKNDNSNYVA	270	21
>KIT-V825I-v VVKGNARLPV	245	>KIT-V825I-r VIKGNARLPV	86	159
>KIT-V825I-v VVKGNARLP\	360	>KIT-V825I-r VIKGNARLPV	187	173
>KIT-V825I-v VVKGNARL	340	>KIT-V825I-r VIKGNARL	99	241
>KIT-V825I-v VVKGNARLP\	51	>KIT-V825I-r VIKGNARLPV	18	33
>KIT-V825I-v VVKGNARLP\	343	>KIT-V825I-r VIKGNARLPV	311	32
>KIT-V825I-v VVKGNARLP\	413	>KIT-V825I-r VIKGNARLPV	841	428
>KIT-V825I-v VVKGNARLP\	90	>KIT-V825I-r VIKGNARLPV	248	158
>KIT-V825I-v VVKGNARLP\	13	>KIT-V825I-r VIKGNARLPV	31	18
>KIT-V825I-v RDIKNDNSNYV	394	>KIT-V825I-r RDIKNDNSNYV	342	52
>KIT-V825I-v RDIKNDNSNYV	709	>KIT-V825I-r RDIKNDNSNYV	151	558
>KIT-V825I-v RDIKNDNSNYV	87	>KIT-V825I-r RDIKNDNSNYV	51	36
>KIT-V825I-v YVVKGNARL	634	>KIT-V825I-r YVIKGNARL	123	511
>KIT-V825I-v YVVKGNARLF	127	>KIT-V825I-r YVIKGNARLP'	30	97
>KIT-V825I-v YVVKGNARL	213	>KIT-V825I-r YVIKGNARL	126	87
>KIT-V825I-v YVVKGNARLF	357	>KIT-V825I-r YVIKGNARLP'	226	131
>KIT-V825I-v YVVKGNARL	340	>KIT-V825I-r YVIKGNARL	172	168
>KIT-V825I-v YVVKGNARLF	27	>KIT-V825I-r YVIKGNARLP'	15	12
>KIT-V825I-v YVVKGNARL	56	>KIT-V825I-r YVIKGNARL	34	22
>KIT-V825I-v YVVKGNARLF	8	>KIT-V825I-r YVIKGNARLP'	6	2
>KIT-V825I-v YVVKGNARL	489	>KIT-V825I-r YVIKGNARL	316	173

>KIT-V825I- $\nu$ YVVKGNARLF	74	>KIT-V825I- $\eta$ YVIKGNARLP'	50	24
>KIT-V825I- $\nu$ YVVKGNARLF	234	>KIT-V825I- $\eta$ YVIKGNARLP'	79	155
>KIT-V825I- $\nu$ YVVKGNARLF	90	>KIT-V825I- $\eta$ YVIKGNARLP'	65	25
>KIT-V825I- $\nu$ YVVKGNARL	23	>KIT-V825I- $\eta$ YVIKGNARL	18	5
>KIT-V825I- $\nu$ YVVKGNARLF	6	>KIT-V825I- $\eta$ YVIKGNARLP'	6	0
>KIT-V825I- $\nu$ YVVKGNARL	672	>KIT-V825I- $\eta$ YVIKGNARL	308	364
>KIT-V825I- $\nu$ YVVKGNARL	55	>KIT-V825I- $\eta$ YVIKGNARL	20	35
>KIT-V825I- $\nu$ YVVKGNAR	468	>KIT-V825I- $\eta$ YVIKGNAR	233	235
>KIT-V825I- $\nu$ YVVKGNAR	426	>KIT-V825I- $\eta$ YVIKGNAR	195	231
>KIT-V825I- $\nu$ YVVKGNAR	18	>KIT-V825I- $\eta$ YVIKGNAR	13	5
>KIT-V825I- $\nu$ YVVKGNARL	110	>KIT-V825I- $\eta$ YVIKGNARL	59	51
>KIT-V825I- $\nu$ YVVKGNARLF	16	>KIT-V825I- $\eta$ YVIKGNARLP'	11	5
>KIT-V825I- $\nu$ YVVKGNARL	250	>KIT-V825I- $\eta$ YVIKGNARL	191	59
>KIT-V825I- $\nu$ YVVKGNARLF	13	>KIT-V825I- $\eta$ YVIKGNARLP'	10	3
>KIT-V825I- $\nu$ YVVKGNARLF	506	>KIT-V825I- $\eta$ YVIKGNARLP'	472	34
>KIT-V825I- $\nu$ YVVKGNARLF	866	>KIT-V825I- $\eta$ YVIKGNARLP'	385	481
>KIT-V825I- $\nu$ YVVKGNARL	56	>KIT-V825I- $\eta$ YVIKGNARL	63	7
>KIT-V825I- $\nu$ YVVKGNARL	144	>KIT-V825I- $\eta$ YVIKGNARL	217	73
>KIT-V825I- $\nu$ NYVVKGNAR	253	>KIT-V825I- $\eta$ NYVIKGNARL	423	170
>KIT-V825I- $\nu$ NYVVKGNAR	309	>KIT-V825I- $\eta$ NYVIKGNARL	289	20
>KIT-V825I- $\nu$ NYVVKGNAR	170	>KIT-V825I- $\eta$ NYVIKGNAR	249	79
>KIT-V825I- $\nu$ NYVVKGNAR	384	>KIT-V825I- $\eta$ NYVIKGNAR	171	213
>KIT-V825I- $\nu$ SNYVVKGNAL	129	>KIT-V825I- $\eta$ SNYVIKGNAR	101	28
>KIT-V825I- $\nu$ SNYVVKGNAL	684	>KIT-V825I- $\eta$ SNYVIKGNAR	490	194
>KIT-V825I- $\nu$ DSNYVVKGN.	76	>KIT-V825I- $\eta$ DSNYVIKGNAL	67	9
>KIT-V825I- $\nu$ DSNYVVKGN.	27	>KIT-V825I- $\eta$ DSNYVIKGNAL	27	0
>KIT-V825I- $\nu$ IKNDSNYVV	26	>KIT-V825I- $\eta$ IKNDSNYVI	21	5
>KIT-V825I- $\nu$ IKNDSNYVVK	83	>KIT-V825I- $\eta$ IKNDSNYVIK	104	21
>KIT-V825I- $\nu$ DIKNDNSNYVV	291	>KIT-V825I- $\eta$ DIKNDNSNYVII	319	28
>KIT-V950A- $\nu$ VVDH5VRINS	236	>KIT-V950A- $\tau$ AVDH5VRINS	155	81
>KIT-V950A- $\nu$ VVDH5VRINS	74	>KIT-V950A- $\tau$ AVDH5VRINS	54	20
>KIT-V950A- $\nu$ VVDH5VRINS	89	>KIT-V950A- $\tau$ AVDH5VRINS	114	25
>KIT-V950A- $\nu$ VVDH5VRINS	387	>KIT-V950A- $\tau$ AVDH5VRINS	392	5
>KIT-V950A- $\nu$ VVDH5VRINS	304	>KIT-V950A- $\tau$ AVDH5VRINS	286	18
>KIT-V950A- $\nu$ VVDH5VRINS	70	>KIT-V950A- $\tau$ AVDH5VRINS	69	1
>KIT-V950A- $\nu$ KPVDH5V	100	>KIT-V950A- $\tau$ KPVDH5V	26	74
>KIT-V950A- $\nu$ QKPVDH5V	1653	>KIT-V950A- $\tau$ QKPAVDH5V	455	1198
>KIT-V950A- $\nu$ RQKPVDH5'	555	>KIT-V950A- $\tau$ RQKPAVDH5'	486	69
>KIT-V950A- $\nu$ RQKPVDH5'	304	>KIT-V950A- $\tau$ RQKPAVDH5'	114	190
>KIT-V950A- $\nu$ RQKPVDH5'	718	>KIT-V950A- $\tau$ RQKPAVDH5'	308	410
>KIT-V950A- $\nu$ RQKPVDH5'	11	>KIT-V950A- $\tau$ RQKPAVDH5'	14	3
>KIT-V950A- $\nu$ RQKPVDH5	896	>KIT-V950A- $\tau$ RQKPAVDH5	440	456
>KIT-V950A- $\nu$ RQKPVDH5'	139	>KIT-V950A- $\tau$ RQKPAVDH5'	93	46

>KIT-V950A-1 RQKPVDH	171	>KIT-V950A-r RQKPAVDH	145	26
>KIT-V950A-1 RQKPVDHS'	133	>KIT-V950A-r RQKPAVDHS'	85	48
>KIT-V950A-1 RQKPVDHS'	104	>KIT-V950A-r RQKPAVDHS'	71	33
>KIT-V950A-1 RQKPVDHS'	540	>KIT-V950A-r RQKPAVDHS'	436	104
>KIT-V950A-1 SPNRQKPV	89	>KIT-V950A-r SPNRQKPA	353	264
>KIT-V950A-1 SPNRQKPVV	221	>KIT-V950A-r SPNRQKPAV	59	162
>KIT-V950A-1 SPNRQKPV	802	>KIT-V950A-r SPNRQKPA	162	640
>KIT-V950A-1 SPNRQKPVV	778	>KIT-V950A-r SPNRQKPAV	265	513
>KIT-V950A-1 CSPNRQKPV	192	>KIT-V950A-r CSPNRQKPA	237	45
>KIT-V950A-1 CSPNRQKPV\	167	>KIT-V950A-r CSPNRQKPA\	192	25
>KIT-W557C-YLQKPMYEV(	3867	>KIT-W557C-YLQKPMYEV(	27	3840
>KIT-W557C-YLQKPMYEV(	11914	>KIT-W557C-YLQKPMYEV(	186	11728
>KIT-W557C-YLQKPMYEV(	2218	>KIT-W557C-YLQKPMYEV(	10	2208
>KIT-W557C-YLQKPMYEV(	124	>KIT-W557C-YLQKPMYEV(	25112	24988
>KIT-W557C-VQWKVVEEI	154	>KIT-W557C-VQCKVVEEI	556	402
>KIT-W557C-VQWKVVEEI	91	>KIT-W557C-VQCKVVEEI	2590	2499
>KIT-W557C-VQWKVVEEI	43	>KIT-W557C-VQCKVVEEI	68	25
>KIT-W557C-VQWKVVEEI	17	>KIT-W557C-VQCKVVEEI	208	191
>KIT-W557C-VQWKVVEEI	75	>KIT-W557C-VQCKVVEEI	5546	5471
>KIT-W557C-VQWKVVEEI	468	>KIT-W557C-VQCKVVEEI	3652	3184
>KIT-W557C-VQWKVVEEI	57	>KIT-W557C-VQCKVVEEI	665	608
>KIT-W557C-EVQWKVVEE	147	>KIT-W557C-EVQCKVVEEI	344	197
>KIT-W557C-YEVQWKVV	10	>KIT-W557C-YEVQCKVV	10	0
>KIT-W557C-YEVQWKVVE	11	>KIT-W557C-YEVQCKVVEE	14	3
>KIT-W557C-YEVQWKVV	373	>KIT-W557C-YEVQCKVV	320	53
>KIT-W557C-YEVQWKVVE	343	>KIT-W557C-YEVQCKVVEE	213	130
>KIT-W557C-YEVQWKVV	307	>KIT-W557C-YEVQCKVV	205	102
>KIT-W557C-YEVQWKVVE	59	>KIT-W557C-YEVQCKVVEE	30	29
>KIT-W557C-YEVQWKVV	169	>KIT-W557C-YEVQCKVV	275	106
>KIT-W557C-YEVQWKVVE	1019	>KIT-W557C-YEVQCKVVEE	370	649
>KIT-W557C-YEVQWKVVE	176	>KIT-W557C-YEVQCKVVEE	137	39
>KIT-W557C-YEVQWKVV	1044	>KIT-W557C-YEVQCKVV	335	709
>KIT-W557C-YEVQWKVVE	3	>KIT-W557C-YEVQCKVVEE	4	1
>KIT-W557C-MYEVQWKV	246	>KIT-W557C-MYEVQCKV	1216	970
>KIT-W557C-MYEVQWKV	488	>KIT-W557C-MYEVQCKV	1099	611
>KIT-W557C-MYEVQWKV\	1362	>KIT-W557C-MYEVQCKVV	492	870
>KIT-W557C-PMYEVQWK\	17	>KIT-W557C-PMYEVQCKV	225	208
>KIT-W557C-PMYEVQWK\	18	>KIT-W557C-PMYEVQCKV	83	65
>KIT-W557C-PMYEVQWK\	48	>KIT-W557C-PMYEVQCKV	84	36
>KIT-W557C-PMYEVQWK\	33	>KIT-W557C-PMYEVQCKV	1014	981
>KIT-W557C-PMYEVQWK\	1	>KIT-W557C-PMYEVQCKV	2	1
>KIT-W557C-PMYEVQWK\	4	>KIT-W557C-PMYEVQCKV	7	3
>KIT-W557C-PMYEVQWK\	5	>KIT-W557C-PMYEVQCKV	40	35

>KIT-W557C- PMYEVQWK\	97	>KIT-W557C- PMYEVQCKV	204	107
>KIT-W557C- PMYEVQWK\	4	>KIT-W557C- PMYEVQCKV	5	1
>KIT-W557C- PMYEVQWK\	11	>KIT-W557C- PMYEVQCKV	21	10
>KIT-W557C- PMYEVQWK\	3	>KIT-W557C- PMYEVQCKV	6	3
>KIT-W557C- PMYEVQWK\	54	>KIT-W557C- PMYEVQCKV	69	15
>KIT-W557C- PMYEVQWK\	2	>KIT-W557C- PMYEVQCKV	3	1
>KIT-W557C- PMYEVQWK\	10	>KIT-W557C- PMYEVQCKV	11	1
>KIT-W557C- PMYEVQWK	129	>KIT-W557C- PMYEVQCK	269	140
>KIT-W557C- PMYEVQWK\	145	>KIT-W557C- PMYEVQCKV	1009	864
>KIT-W557C- KPMYEVQW\	157	>KIT-W557C- KPMYEVQCK'	133	24
>KIT-W557C- KPMYEVQW\	136	>KIT-W557C- KPMYEVQCK'	273	137
>KIT-W557C- KPMYEVQW	20	>KIT-W557C- KPMYEVQC	14929	14909
>KIT-W557C- KPMYEVQW\	68	>KIT-W557C- KPMYEVQCK'	86	18
>KIT-W557C- KPMYEVQW	199	>KIT-W557C- KPMYEVQC	21845	21646
>KIT-W557C- KPMYEVQW	9	>KIT-W557C- KPMYEVQC	9370	9361
>KIT-W557C- LQKPMYEVQ	243	>KIT-W557C- LQKPMYEVQ	371	128
>KIT-W557C- LQKPMYEVQ	415	>KIT-W557C- LQKPMYEVQ	632	217
>KIT-W557C- LQKPMYEVQ	247	>KIT-W557C- LQKPMYEVQ	5057	4810
>KIT-W557C- LQKPMYEVQ	225	>KIT-W557C- LQKPMYEVQ	2461	2236
>KIT-W557C- LQKPMYEVQ	1131	>KIT-W557C- LQKPMYEVQ	383	748
>KIT-W557C- LQKPMYEVQ	168	>KIT-W557C- LQKPMYEVQ	29910	29742
>KIT-W557C- LQKPMYEVQ	230	>KIT-W557C- LQKPMYEVQ	27811	27581
>KIT-W557F- YLQKPMYEV\	3867	>KIT-W557F- YLQKPMYEV\	312	3555
>KIT-W557F- YLQKPMYEV\	2218	>KIT-W557F- YLQKPMYEV\	380	1838
>KIT-W557F- YLQKPMYEV\	2486	>KIT-W557F- YLQKPMYEV\	141	2345
>KIT-W557F- YLQKPMYEV\	3200	>KIT-W557F- YLQKPMYEV\	94	3106
>KIT-W557F- YLQKPMYEV\	1384	>KIT-W557F- YLQKPMYEV\	84	1300
>KIT-W557F- YLQKPMYEV\	3432	>KIT-W557F- YLQKPMYEV\	31	3401
>KIT-W557F- YLQKPMYEV\	124	>KIT-W557F- YLQKPMYEV\	299	175
>KIT-W557F- VQWKVVVEI	154	>KIT-W557F- VQFKVVVEI	141	13
>KIT-W557F- VQWKVVVEI	91	>KIT-W557F- VQFKVVVEI	173	82
>KIT-W557F- VQWKVVVEI	531	>KIT-W557F- VQFKVVVEI	70	461
>KIT-W557F- VQWKVVVEI	2176	>KIT-W557F- VQFKVVVEI	253	1923
>KIT-W557F- VQWKVVVEI	43	>KIT-W557F- VQFKVVVEI	22	21
>KIT-W557F- VQWKVVVEI	17	>KIT-W557F- VQFKVVVEI	24	7
>KIT-W557F- VQWKVVVEI	75	>KIT-W557F- VQFKVVVEI	200	125
>KIT-W557F- VQWKVVVEI	468	>KIT-W557F- VQFKVVVEI	190	278
>KIT-W557F- VQWKVVVEI	2556	>KIT-W557F- VQFKVVVEI	389	2167
>KIT-W557F- VQWKVVVEI	57	>KIT-W557F- VQFKVVVEI	32	25
>KIT-W557F- VQWKVVVEI	587	>KIT-W557F- VQFKVVVEI	164	423
>KIT-W557F- EVQWKVVEE	766	>KIT-W557F- EVQFKVVVEI	494	272
>KIT-W557F- EVQWKVVEE	147	>KIT-W557F- EVQFKVVVEI	660	513
>KIT-W557F- YEVQWKVV	10	>KIT-W557F- YEVQFKVV	9	1

>KIT-W557F- YEVDQWKVVE	11	>KIT-W557F- YEVDQFKVVEE	9	2
>KIT-W557F- YEVDQWKVV	373	>KIT-W557F- YEVDQFKVV	110	263
>KIT-W557F- YEVDQWKVVE	1194	>KIT-W557F- YEVDQFKVVE	279	915
>KIT-W557F- YEVDQWKVVE	343	>KIT-W557F- YEVDQFKVVEE	119	224
>KIT-W557F- YEVDQWKVV	307	>KIT-W557F- YEVDQFKVV	91	216
>KIT-W557F- YEVDQWKVVE	59	>KIT-W557F- YEVDQFKVVEE	22	37
>KIT-W557F- YEVDQWKVV	169	>KIT-W557F- YEVDQFKVV	143	26
>KIT-W557F- YEVDQWKVVE	176	>KIT-W557F- YEVDQFKVVEE	105	71
>KIT-W557F- YEVDQWKVV	749	>KIT-W557F- YEVDQFKVV	359	390
>KIT-W557F- YEVDQWKVV	1044	>KIT-W557F- YEVDQFKVV	140	904
>KIT-W557F- YEVDQWKVVE	3	>KIT-W557F- YEVDQFKVVEE	4	1
>KIT-W557F- MYEVDQWKV	246	>KIT-W557F- MYEVDQFKV	186	60
>KIT-W557F- MYEVDQWKV	2129	>KIT-W557F- MYEVDQFKVV	240	1889
>KIT-W557F- MYEVDQWKV	488	>KIT-W557F- MYEVDQFKV	1312	824
>KIT-W557F- PMYEVDQWK	17	>KIT-W557F- PMYEVDQFKV	21	4
>KIT-W557F- PMYEVDQWK	18	>KIT-W557F- PMYEVDQFKV	21	3
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>KIT-W557F- PMYEVDQWK	805	>KIT-W557F- PMYEVDQFKV	368	437
>KIT-W557F- PMYEVDQWK	33	>KIT-W557F- PMYEVDQFKV	60	27
>KIT-W557F- PMYEVDQWK	510	>KIT-W557F- PMYEVDQFK	405	105
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>KIT-W557F- PMYEVDQWK	4	>KIT-W557F- PMYEVDQFKV	4	0
>KIT-W557F- PMYEVDQWK	5	>KIT-W557F- PMYEVDQFKV	9	4
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>KIT-W557F- PMYEVDQWK	4	>KIT-W557F- PMYEVDQFKV	4	0
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>KIT-W557F- PMYEVDQWK	3	>KIT-W557F- PMYEVDQFKV	3	0
>KIT-W557F- PMYEVDQWK	54	>KIT-W557F- PMYEVDQFKV	45	9
>KIT-W557F- PMYEVDQWK	2	>KIT-W557F- PMYEVDQFKV	2	0
>KIT-W557F- PMYEVDQWK	10	>KIT-W557F- PMYEVDQFKV	9	1
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>KIT-W557F- PMYEVDQWK	1471	>KIT-W557F- PMYEVDQFK	177	1294
>KIT-W557F- PMYEVDQWK	145	>KIT-W557F- PMYEVDQFKV	153	8
>KIT-W557F- KPMYEVDQW	1456	>KIT-W557F- KPMYEVDQF	140	1316
>KIT-W557F- KPMYEVDQW	157	>KIT-W557F- KPMYEVDQFK	80	77
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>KIT-W557F- KPMYEVDQW	9	>KIT-W557F- KPMYEVDQF	66	57

>KIT-W557F- QKPMYEVQV	1466	>KIT-W557F- QKPMYEVQF	17	1449
>KIT-W557F- LQKPMYEVQ	243	>KIT-W557F- LQKPMYEVQ	36	207
>KIT-W557F- LQKPMYEVQ	415	>KIT-W557F- LQKPMYEVQ	116	299
>KIT-W557F- LQKPMYEVQ	247	>KIT-W557F- LQKPMYEVQ	35	212
>KIT-W557F- LQKPMYEVQ	225	>KIT-W557F- LQKPMYEVQ	5	220
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>KIT-W557F- LQKPMYEVQ	168	>KIT-W557F- LQKPMYEVQ	7835	7667
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>KIT-W557G- YLQKPMYEVQ	124	>KIT-W557G- YLQKPMYEVQ	25635	25511
>KIT-W557G- VQWKVVEEI	154	>KIT-W557G- VQGKVVVEI	667	513
>KIT-W557G- VQWKVVEEI	91	>KIT-W557G- VQGKVVVEI	3117	3026
>KIT-W557G- VQWKVVEEI	43	>KIT-W557G- VQGKVVVEI	204	161
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>KIT-W557G- VQWKVVEEI	75	>KIT-W557G- VQGKVVVEI	1268	1193
>KIT-W557G- VQWKVVEEI	468	>KIT-W557G- VQGKVVVEI	4554	4086
>KIT-W557G- VQWKVVEEI	57	>KIT-W557G- VQGKVVVEI	1051	994
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>KIT-W557G- YEVQWKVV	10	>KIT-W557G- YEVQGKVV	3	7
>KIT-W557G- YEVQWKVVE	11	>KIT-W557G- YEVQGKVVVEI	16	5
>KIT-W557G- YEVQWKVV	373	>KIT-W557G- YEVQGKVV	256	117
>KIT-W557G- YEVQWKVVE	343	>KIT-W557G- YEVQGKVVVEI	226	117
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>KIT-W557G- YEVQWKVVE	59	>KIT-W557G- YEVQGKVVVEI	19	40
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>KIT-W557G- YEVQWKVVE	176	>KIT-W557G- YEVQGKVVVEI	182	6
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>KIT-W557G- MYEVQWKV	488	>KIT-W557G- MYEVQGKV	1579	1091
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>KIT-W557G-KPMYEVQW	20	>KIT-W557G-KPMYEVQG	18663	18643
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>KIT-W557G-KPMYEVQW	9	>KIT-W557G-KPMYEVQG	13130	13121
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>KIT-W557G-LQKPMYEVQ	247	>KIT-W557G-LQKPMYEVQ	734	487
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>KIT-W557R-PMYEVQWK	129	>KIT-W557R-PMYEVQRK	135	6
>KIT-W557R-PMYEVQWK\	145	>KIT-W557R-PMYEVQRKV	4498	4353
>KIT-W557R-KPMYEVQW\	157	>KIT-W557R-KPMYEVQRK	110	47
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>KIT-W557R-LQKPMYEVQ	243	>KIT-W557R-LQKPMYEVQ	236	7
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>KIT-W557R-LQKPMYEVQ	247	>KIT-W557R-LQKPMYEVQ	7282	7035
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>KIT-W557R-LQKPMYEVQ	168	>KIT-W557R-LQKPMYEVQ	32401	32233
>KIT-W557R-LQKPMYEVQ	230	>KIT-W557R-LQKPMYEVQ	25319	25089
>KIT-W557S-YLQKPMYEV\	3867	>KIT-W557S-YLQKPMYEV\	389	3478
>KIT-W557S-YLQKPMYEV\	2218	>KIT-W557S-YLQKPMYEV\	165	2053
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>KIT-W557S- YEVDQWKVVE	59	>KIT-W557S- YEVDQSKVVEE	24	35
>KIT-W557S- YEVDQWKVV	169	>KIT-W557S- YEVDQSKVV	371	202
>KIT-W557S- YEVDQWKVVE	176	>KIT-W557S- YEVDQSKVVEE	177	1
>KIT-W557S- YEVDQWKVV	1044	>KIT-W557S- YEVDQSKVV	55	989
>KIT-W557S- YEVDQWKVVE	3	>KIT-W557S- YEVDQSKVVEE	4	1
>KIT-W557S- MYEVDQWKV	246	>KIT-W557S- MYEVDQSKV	835	589
>KIT-W557S- MYEVDQWKV	488	>KIT-W557S- MYEVDQSKV	1640	1152
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>KIT-W557S- PMYEVDQWK\	18	>KIT-W557S- PMYEVDQSKV	67	49
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>KIT-W557S- PMYEVDQWK\	33	>KIT-W557S- PMYEVDQSKV	1661	1628
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>KIT-W557S- PMYEVDQWK\	97	>KIT-W557S- PMYEVDQSKV'	100	3
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>KIT-W557S- PMYEVDQWK\	3	>KIT-W557S- PMYEVDQSKV	9	6
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>KIT-W557S- PMYEVDQWK	129	>KIT-W557S- PMYEVDQSK	115	14
>KIT-W557S- PMYEVDQWK\	145	>KIT-W557S- PMYEVDQSKV	1476	1331
>KIT-W557S- KPMYEVDQW\	157	>KIT-W557S- KPMYEVDQSK'	67	90
>KIT-W557S- KPMYEVDQW\	136	>KIT-W557S- KPMYEVDQSK'	90	46
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>KIT-W557S- LQKPMYEVQ	247	>KIT-W557S- LQKPMYEVQ	3285	3038
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>KIT-Y418N-\ TYDRLVNGM	265	>KIT-Y418N-r TNDRLVNGM	21296	21031
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>KIT-Y418N-1 YVNTKPEILTY	338	>KIT-Y418N-r YVNTKPEILT	20408	20070
>KIT-Y418N-1 YVNTKPEILTY	95	>KIT-Y418N-r YVNTKPEILT	26362	26267
>KIT-Y418N-1 YVNTKPEILTY	16	>KIT-Y418N-r YVNTKPEILT	14582	14566
>KIT-Y418N-1 YVNTKPEILTY	471	>KIT-Y418N-r YVNTKPEILT	26820	26349
>KIT-Y418N-1 YVNTKPEILTY	12	>KIT-Y418N-r YVNTKPEILT	18940	18928
>KIT-Y418N-1 YVNTKPEILTY	188	>KIT-Y418N-r YVNTKPEILT	16783	16595
>KIT-Y418N-1 YVNTKPEILTY	78	>KIT-Y418N-r YVNTKPEILT	18026	17948
>KIT-Y418N-1 YVNTKPEILTY	84	>KIT-Y418N-r YVNTKPEILT	14957	14873
>KIT-Y418N-1 YVNTKPEILTY	290	>KIT-Y418N-r YVNTKPEILT	17157	16867
>KIT-Y418N-1 YVNTKPEILTY	328	>KIT-Y418N-r YVNTKPEILT	32178	31850
>KIT-Y418N-1 LTYDRLVNGM	161	>KIT-Y418N-r LTNDRLVNGI	3045	2884
>KIT-Y418N-1 LTYDRLVNGM	480	>KIT-Y418N-r LTNDRLVNGI	4110	3630
>KIT-Y418N-1 LTYDRLVNGM	280	>KIT-Y418N-r LTNDRLVNGI	367	87
>KIT-Y418N-1 LTYDRLVNGM	217	>KIT-Y418N-r LTNDRLVNGI	579	362
>KIT-Y418N-1 LTYDRLVNGM	313	>KIT-Y418N-r LTNDRLVNGI	1680	1367
>KIT-Y418N-1 LTYDRLVNGM	381	>KIT-Y418N-r LTNDRLVNGI	2967	2586
>KIT-Y418N-1 LTYDRLVNGM	107	>KIT-Y418N-r LTNDRLVNGI	1116	1009
>KIT-Y418N-1 LTYDRLVNGM	458	>KIT-Y418N-r LTNDRLVNGI	1992	1534
>KIT-Y418N-1 LTYDRLVNGM	59	>KIT-Y418N-r LTNDRLVNGI	439	380
>KIT-Y418N-1 LTYDRLVNGM	42	>KIT-Y418N-r LTNDRLVNGI	182	140
>KIT-Y418N-1 LTYDRLVNGM	377	>KIT-Y418N-r LTNDRLVNGI	630	253
>KIT-Y418N-1 LTYDRLVNGM	231	>KIT-Y418N-r LTNDRLVNGI	1504	1273
>KIT-Y418N-1 LTYDRLVNGM	230	>KIT-Y418N-r LTNDRLVNGI	1534	1304
>KIT-Y418N-1 LTYDRLVNGM	448	>KIT-Y418N-r LTNDRLVNGI	1094	646
>KIT-Y418N-1 LTYDRLVNGM	6	>KIT-Y418N-r LTNDRLVNGI	26	20
>KIT-Y418N-1 LTYDRLVNGM	10	>KIT-Y418N-r LTNDRLVNGI	51	41
>KIT-Y418N-1 LTYDRLVNGM	387	>KIT-Y418N-r LTNDRLVNGI	939	552
>KIT-Y418N-1 LTYDRLVNGM	257	>KIT-Y418N-r LTNDRLVNGI	553	296
>KIT-Y418N-1 LTYDRLVNGM	21	>KIT-Y418N-r LTNDRLVNGI	35	14
>KIT-Y418N-1 LTYDRLVNGM	29	>KIT-Y418N-r LTNDRLVNGI	97	68
>KIT-Y418N-1 LTYDRLVNGM	64	>KIT-Y418N-r LTNDRLVNGI	653	589
>KIT-Y418N-1 ILTYDRLV	419	>KIT-Y418N-r ILTNDRLV	594	175
>KIT-Y418N-1 ILTYDRLV	70	>KIT-Y418N-r ILTNDRLV	167	97
>KIT-Y418N-1 ILTYDRLVNGI	481	>KIT-Y418N-r ILTNDRLVNG	649	168
>KIT-Y418N-1 ILTYDRLV	100	>KIT-Y418N-r ILTNDRLV	92	8
>KIT-Y418N-1 ILTYDRLV	147	>KIT-Y418N-r ILTNDRLV	29	118
>KIT-Y418N-1 ILTYDRLV	303	>KIT-Y418N-r ILTNDRLV	96	207
>KIT-Y418N-1 ILTYDRLV	100	>KIT-Y418N-r ILTNDRLV	28	72
>KIT-Y418N-1 ILTYDRLV	1278	>KIT-Y418N-r ILTNDRLV	380	898
>KIT-Y418N-1 ILTYDRLV	8	>KIT-Y418N-r ILTNDRLV	3	5
>KIT-Y418N-1 ILTYDRLVNGI	490	>KIT-Y418N-r ILTNDRLVNG	78	412
>KIT-Y418N-1 EILTYDRL	418	>KIT-Y418N-r EILTNDRL	479	61
>KIT-Y418N-1 EILTYDRLV	359	>KIT-Y418N-r EILTNDRLV	447	88

>KIT-Y418N-1 EILTYDRL	344	>KIT-Y418N-r EILTNDRL	697	353
>KIT-Y418N-1 EILTYDRLV	203	>KIT-Y418N-r EILTNDRLV	594	391
>KIT-Y418N-1 PEILTYDRLV	328	>KIT-Y418N-r PEILTNDRLV	868	540
>KIT-Y418N-1 PEILTYDRL	410	>KIT-Y418N-r PEILTNDRL	706	296
>KIT-Y418N-1 PEILTYDRLV	322	>KIT-Y418N-r PEILTNDRLV	447	125
>KIT-Y418N-1 KPEILTYDR	40	>KIT-Y418N-r KPEILTNDR	324	284
>KIT-Y418N-1 TKPEILTY	410	>KIT-Y418N-r TKPEILTN	20827	20417
>KIT-Y418N-1 TKPEILTYDR	442	>KIT-Y418N-r TKPEILTNDR	3235	2793
>KIT-Y418N-1 NTKPEILTY	312	>KIT-Y418N-r NTKPEILTN	20459	20147
>KIT-Y418N-1 NTKPEILTY	183	>KIT-Y418N-r NTKPEILTN	21051	20868
>KIT-Y418N-1 NTKPEILTY	266	>KIT-Y418N-r NTKPEILTN	33158	32892
>KIT-Y418N-1 NTKPEILTY	104	>KIT-Y418N-r NTKPEILTN	23904	23800
>KIT-Y418N-1 NTKPEILTYDF	172	>KIT-Y418N-r NTKPEILTNDI	815	643
>KIT-Y418N-1 NTKPEILTYDF	87	>KIT-Y418N-r NTKPEILTNDI	218	131
>KIT-Y418N-1 NTKPEILTYDF	38	>KIT-Y418N-r NTKPEILTNDI	50	12
>KIT-Y418N-1 NTKPEILTY	189	>KIT-Y418N-r NTKPEILTN	24598	24409
>KIT-Y418N-1 NTKPEILTY	199	>KIT-Y418N-r NTKPEILTN	18262	18063
>KIT-Y418N-1 NTKPEILTY	10	>KIT-Y418N-r NTKPEILTN	10022	10012
>KIT-Y418N-1 NTKPEILTY	205	>KIT-Y418N-r NTKPEILTN	13146	12941
>KIT-Y418N-1 NTKPEILTYDF	293	>KIT-Y418N-r NTKPEILTNDI	1381	1088
>KIT-Y553C-v YEVQWKVV	10	>KIT-Y553C-r CEVQWKVV	120	110
>KIT-Y553C-v YEVQWKVVE	11	>KIT-Y553C-r CEVQWKVVE	31	20
>KIT-Y553C-v YEVQWKVV	373	>KIT-Y553C-r CEVQWKVV	1740	1367
>KIT-Y553C-v YEVQWKVVE	343	>KIT-Y553C-r CEVQWKVVE	1606	1263
>KIT-Y553C-v YEVQWKVV	307	>KIT-Y553C-r CEVQWKVV	2161	1854
>KIT-Y553C-v YEVQWKVVE	59	>KIT-Y553C-r CEVQWKVVE	467	408
>KIT-Y553C-v YEVQWKVV	169	>KIT-Y553C-r CEVQWKVV	363	194
>KIT-Y553C-v YEVQWKVVE	176	>KIT-Y553C-r CEVQWKVVE	381	205
>KIT-Y553C-v YEVQWKVV	749	>KIT-Y553C-r CEVQWKVV	167	582
>KIT-Y553C-v YEVQWKVVE	2890	>KIT-Y553C-r CEVQWKVVE	442	2448
>KIT-Y553C-v YEVQWKVVE	3	>KIT-Y553C-r CEVQWKVVE	12	9
>KIT-Y553C-v MYEVQWKV	246	>KIT-Y553C-r MCEVQWKV	24522	24276
>KIT-Y553C-v MYEVQWKV	488	>KIT-Y553C-r MCEVQWKV	31667	31179
>KIT-Y553C-v LTYKYLQKPM	422	>KIT-Y553C-r LTYKYLQKPM	20700	20278
>KIT-Y553C-v LTYKYLQKPM	73	>KIT-Y553C-r LTYKYLQKPM	25576	25503
>KIT-Y553C-v LTYKYLQKPM	29	>KIT-Y553C-r LTYKYLQKPM	21107	21078
>KIT-Y553C-v LTYKYLQKPM	74	>KIT-Y553C-r LTYKYLQKPM	20283	20209
>KIT-Y553C-v LTYKYLQKPM	149	>KIT-Y553C-r LTYKYLQKPM	17080	16931
>KIT-Y553C-v LTYKYLQKPM	95	>KIT-Y553C-r LTYKYLQKPM	8512	8417
>KIT-Y553C-v LTYKYLQKPM	4	>KIT-Y553C-r LTYKYLQKPM	2589	2585
>KIT-Y553C-v LTYKYLQKPM	6	>KIT-Y553C-r LTYKYLQKPM	2151	2145
>KIT-Y553C-v PMYEVQWK\	17	>KIT-Y553C-r PMCEVQWK\	173	156
>KIT-Y553C-v PMYEVQWK\	18	>KIT-Y553C-r PMCEVQWK\	122	104

>KIT-Y553C-v PMYEVQWK\	48	>KIT-Y553C-r PMCEVQWK\	977	929
>KIT-Y553C-v PMYEVQWK\	33	>KIT-Y553C-r PMCEVQWK\	339	306
>KIT-Y553C-v PMYEVQWK\	1	>KIT-Y553C-r PMCEVQWK\	2	1
>KIT-Y553C-v PMYEVQWK\	4	>KIT-Y553C-r PMCEVQWK\	14	10
>KIT-Y553C-v PMYEVQWK\	5	>KIT-Y553C-r PMCEVQWK\	92	87
>KIT-Y553C-v PMYEVQWK\	97	>KIT-Y553C-r PMCEVQWK\	887	790
>KIT-Y553C-v PMYEVQWK\	4	>KIT-Y553C-r PMCEVQWK\	8	4
>KIT-Y553C-v PMYEVQWK\	11	>KIT-Y553C-r PMCEVQWK\	91	80
>KIT-Y553C-v PMYEVQWK\	3	>KIT-Y553C-r PMCEVQWK\	5	2
>KIT-Y553C-v PMYEVQWK\	54	>KIT-Y553C-r PMCEVQWK\	314	260
>KIT-Y553C-v PMYEVQWK\	2	>KIT-Y553C-r PMCEVQWK\	3	1
>KIT-Y553C-v PMYEVQWK\	10	>KIT-Y553C-r PMCEVQWK\	31	21
>KIT-Y553C-v PMYEVQWK	129	>KIT-Y553C-r PMCEVQWK	3109	2980
>KIT-Y553C-v PMYEVQWK\	145	>KIT-Y553C-r PMCEVQWK\	3360	3215
>KIT-Y553C-v KPMYEVQWI	157	>KIT-Y553C-r KPMCEVQWI	81	76
>KIT-Y553C-v KPMYEVQWI	136	>KIT-Y553C-r KPMCEVQWI	116	20
>KIT-Y553C-v KPMYEVQW	20	>KIT-Y553C-r KPMCEVQW	27	7
>KIT-Y553C-v KPMYEVQWI	68	>KIT-Y553C-r KPMCEVQWI	106	38
>KIT-Y553C-v KPMYEVQW	199	>KIT-Y553C-r KPMCEVQW	438	239
>KIT-Y553C-v KPMYEVQW	9	>KIT-Y553C-r KPMCEVQW	10	1
>KIT-Y553C-v LQKPMYEV	327	>KIT-Y553C-r LQKPMCEV	1239	912
>KIT-Y553C-v LQKPMYEV	48	>KIT-Y553C-r LQKPMCEV	72	24
>KIT-Y553C-v LQKPMYEV	34	>KIT-Y553C-r LQKPMCEV	64	30
>KIT-Y553C-v LQKPMYEV	318	>KIT-Y553C-r LQKPMCEV	184	134
>KIT-Y553C-v LQKPMYEVQ	243	>KIT-Y553C-r LQKPMCEVQ	623	380
>KIT-Y553C-v LQKPMYEVQ	415	>KIT-Y553C-r LQKPMCEVQ	1085	670
>KIT-Y553C-v LQKPMYEV	403	>KIT-Y553C-r LQKPMCEV	215	188
>KIT-Y553C-v LQKPMYEVQ	230	>KIT-Y553C-r LQKPMCEVQ	198	32
>KIT-Y553C-v LQKPMYEVQ	247	>KIT-Y553C-r LQKPMCEVQ	268	21
>KIT-Y553C-v LQKPMYEV	155	>KIT-Y553C-r LQKPMCEV	264	109
>KIT-Y553C-v LQKPMYEVQ	225	>KIT-Y553C-r LQKPMCEVQ	407	182
>KIT-Y553C-v LQKPMYEVQ	168	>KIT-Y553C-r LQKPMCEVQ	763	595
>KIT-Y553C-v LQKPMYEVQ	230	>KIT-Y553C-r LQKPMCEVQ	281	51
>KIT-Y553C-v YLQKPMYEV	7	>KIT-Y553C-r YLQKPMCEV	12	5
>KIT-Y553C-v YLQKPMYEV	5	>KIT-Y553C-r YLQKPMCEV	20	15
>KIT-Y553C-v YLQKPMYEV	7	>KIT-Y553C-r YLQKPMCEV	8	1
>KIT-Y553C-v YLQKPMYEV	13	>KIT-Y553C-r YLQKPMCEV	15	2
>KIT-Y553C-v YLQKPMYEV	1	>KIT-Y553C-r YLQKPMCEV	2	1
>KIT-Y553C-v YLQKPMYEV	2	>KIT-Y553C-r YLQKPMCEV	4	2
>KIT-Y553C-v YLQKPMYEV	6	>KIT-Y553C-r YLQKPMCEV	6	0
>KIT-Y553C-v YLQKPMYEV	3	>KIT-Y553C-r YLQKPMCEV	6	3
>KIT-Y553C-v YLQKPMYEV	2	>KIT-Y553C-r YLQKPMCEV	1	1
>KIT-Y553C-v YLQKPMYEV\	77	>KIT-Y553C-r YLQKPMCEV\	66	11

>KIT-Y553C-v YLQKPMYEV	93	>KIT-Y553C-r YLQKPMCEV	961	868
>KIT-Y553C-v YLQKPMYEV	55	>KIT-Y553C-r YLQKPMCEV	90	35
>KIT-Y553C-v YLQKPMYEV\	124	>KIT-Y553C-r YLQKPMCEV\	152	28
>KIT-Y553C-v KYLQKPMYEV	100	>KIT-Y553C-r KYLQKPMCEV	227	127
>KIT-Y553C-v KYLQKPMYEV\	307	>KIT-Y553C-r KYLQKPMCEV\	251	56
>KIT-Y553C-v KYLQKPMY	159	>KIT-Y553C-r KYLQKPMC	749	590
>KIT-Y553C-v KYLQKPMYEV	28	>KIT-Y553C-r KYLQKPMCEV	97	69
>KIT-Y553C-v KYLQKPMYEV\	360	>KIT-Y553C-r KYLQKPMCEV\	1156	796
>KIT-Y553C-v KYLQKPMY	89	>KIT-Y553C-r KYLQKPMC	20757	20668
>KIT-Y553C-v KYLQKPMYEV	471	>KIT-Y553C-r KYLQKPMCEV	410	61
>KIT-Y553C-v KYLQKPMY	93	>KIT-Y553C-r KYLQKPMC	14217	14124
>KIT-Y553C-v KYLQKPMY	160	>KIT-Y553C-r KYLQKPMC	26393	26233
>KIT-Y553C-v KYLQKPMYEV	82	>KIT-Y553C-r KYLQKPMCE	2114	2032
>KIT-Y553C-v KYLQKPMYEV\	121	>KIT-Y553C-r KYLQKPMCEV\	344	223
>KIT-Y553C-v KYLQKPMY	1537	>KIT-Y553C-r KYLQKPMC	471	1066
>KIT-Y553C-v KYLQKPMYEV	331	>KIT-Y553C-r KYLQKPMCE	1181	850
>KIT-Y553C-v KYLQKPMYEV\	56	>KIT-Y553C-r KYLQKPMCEV\	202	146
>KIT-Y553C-v KYLQKPMYEV\	391	>KIT-Y553C-r KYLQKPMCEV\	338	53
>KIT-Y553C-v YKYLQKPMYEV	499	>KIT-Y553C-r YKYLQKPMCEV	362	137
>KIT-Y553C-v YKYLQKPMYEV	447	>KIT-Y553C-r YKYLQKPMCEV	810	363
>KIT-Y553C-v YKYLQKPMYEV	121	>KIT-Y553C-r YKYLQKPMCEV	140	19
>KIT-Y553C-v YKYLQKPMYEV	356	>KIT-Y553C-r YKYLQKPMCEV	219	137
>KIT-Y553C-v YKYLQKPMYEV	365	>KIT-Y553C-r YKYLQKPMCEV	162	203
>KIT-Y553C-v YKYLQKPMY	153	>KIT-Y553C-r YKYLQKPMC	24794	24641
>KIT-Y553C-v YKYLQKPMY	9	>KIT-Y553C-r YKYLQKPMC	2555	2546
>KIT-Y553C-v YKYLQKPMYEV	39	>KIT-Y553C-r YKYLQKPMCEV	43	4
>KIT-Y553C-v TYKYLQKPMYEV	100	>KIT-Y553C-r TYKYLQKPMCEV	25993	25893
>KIT-Y553C-v TYKYLQKPMYEV\	348	>KIT-Y553C-r TYKYLQKPMCEV\	24391	24043
>KIT-Y553N-v YEVQWKVV	10	>KIT-Y553N-r NEVQWKVV	50	40
>KIT-Y553N-v YEVQWKVVE	11	>KIT-Y553N-r NEVQWKVVE	8	3
>KIT-Y553N-v YEVQWKVV	373	>KIT-Y553N-r NEVQWKVV	376	3
>KIT-Y553N-v YEVQWKVVE	343	>KIT-Y553N-r NEVQWKVVE	341	2
>KIT-Y553N-v YEVQWKVV	307	>KIT-Y553N-r NEVQWKVV	3987	3680
>KIT-Y553N-v YEVQWKVVE	59	>KIT-Y553N-r NEVQWKVVE	1360	1301
>KIT-Y553N-v YEVQWKVV	169	>KIT-Y553N-r NEVQWKVV	915	746
>KIT-Y553N-v YEVQWKVVE	176	>KIT-Y553N-r NEVQWKVVE	883	707
>KIT-Y553N-v YEVQWKVV	749	>KIT-Y553N-r NEVQWKVV	199	550
>KIT-Y553N-v YEVQWKVVE	3	>KIT-Y553N-r NEVQWKVVE	11	8
>KIT-Y553N-v MYEVQWKV	246	>KIT-Y553N-r MNEVQWKV	25124	24878
>KIT-Y553N-v MYEVQWKV	488	>KIT-Y553N-r MNEVQWKV	31324	30836
>KIT-Y553N-v LTYKYLQKPM	422	>KIT-Y553N-r LTYKYLQKPM	16312	15890
>KIT-Y553N-v LTYKYLQKPM	73	>KIT-Y553N-r LTYKYLQKPM	23215	23142
>KIT-Y553N-v LTYKYLQKPM	29	>KIT-Y553N-r LTYKYLQKPM	18828	18799

>KIT-Y553N-1 LTYKYLQKPM	74	>KIT-Y553N-r LTYKYLQKPM	16483	16409
>KIT-Y553N-1 LTYKYLQKPM	149	>KIT-Y553N-r LTYKYLQKPM	17767	17618
>KIT-Y553N-1 LTYKYLQKPM	95	>KIT-Y553N-r LTYKYLQKPM	13637	13542
>KIT-Y553N-1 LTYKYLQKPM	4	>KIT-Y553N-r LTYKYLQKPM	4072	4068
>KIT-Y553N-1 LTYKYLQKPM	6	>KIT-Y553N-r LTYKYLQKPM	1255	1249
>KIT-Y553N-1 PMYEVQWK1	17	>KIT-Y553N-r PMNEVQWK'	94	77
>KIT-Y553N-1 PMYEVQWK1	18	>KIT-Y553N-r PMNEVQWK'	40	22
>KIT-Y553N-1 PMYEVQWK1	48	>KIT-Y553N-r PMNEVQWK'	133	85
>KIT-Y553N-1 PMYEVQWK1	33	>KIT-Y553N-r PMNEVQWK'	403	370
>KIT-Y553N-1 PMYEVQWK1	1	>KIT-Y553N-r PMNEVQWK'	2	1
>KIT-Y553N-1 PMYEVQWK1	4	>KIT-Y553N-r PMNEVQWK'	12	8
>KIT-Y553N-1 PMYEVQWK1	5	>KIT-Y553N-r PMNEVQWK'	10	5
>KIT-Y553N-1 PMYEVQWK1	97	>KIT-Y553N-r PMNEVQWK'	217	120
>KIT-Y553N-1 PMYEVQWK1	4	>KIT-Y553N-r PMNEVQWK'	5	1
>KIT-Y553N-1 PMYEVQWK1	11	>KIT-Y553N-r PMNEVQWK'	34	23
>KIT-Y553N-1 PMYEVQWK1	3	>KIT-Y553N-r PMNEVQWK'	2	1
>KIT-Y553N-1 PMYEVQWK1	54	>KIT-Y553N-r PMNEVQWK'	59	5
>KIT-Y553N-1 PMYEVQWK1	2	>KIT-Y553N-r PMNEVQWK'	2	0
>KIT-Y553N-1 PMYEVQWK1	10	>KIT-Y553N-r PMNEVQWK'	21	11
>KIT-Y553N-1 PMYEVQWK	129	>KIT-Y553N-r PMNEVQWK	972	843
>KIT-Y553N-1 PMYEVQWK1	145	>KIT-Y553N-r PMNEVQWK'	758	613
>KIT-Y553N-1 KPMYEVQW1	157	>KIT-Y553N-r KPMNEVQW'	108	49
>KIT-Y553N-1 KPMYEVQW1	136	>KIT-Y553N-r KPMNEVQW'	127	9
>KIT-Y553N-1 KPMYEVQW	20	>KIT-Y553N-r KPMNEVQW	23	3
>KIT-Y553N-1 KPMYEVQW1	68	>KIT-Y553N-r KPMNEVQW'	137	69
>KIT-Y553N-1 KPMYEVQW	199	>KIT-Y553N-r KPMNEVQW	336	137
>KIT-Y553N-1 KPMYEVQW	9	>KIT-Y553N-r KPMNEVQW	10	1
>KIT-Y553N-1 LQKPMYEV	327	>KIT-Y553N-r LQKPMNEV	556	229
>KIT-Y553N-1 LQKPMYEV	48	>KIT-Y553N-r LQKPMNEV	63	15
>KIT-Y553N-1 LQKPMYEV	34	>KIT-Y553N-r LQKPMNEV	68	34
>KIT-Y553N-1 LQKPMYEV	318	>KIT-Y553N-r LQKPMNEV	838	520
>KIT-Y553N-1 LQKPMYEVQ	243	>KIT-Y553N-r LQKPMNEVQ	338	95
>KIT-Y553N-1 LQKPMYEVQ	415	>KIT-Y553N-r LQKPMNEVQ	918	503
>KIT-Y553N-1 LQKPMYEV	403	>KIT-Y553N-r LQKPMNEV	413	10
>KIT-Y553N-1 LQKPMYEVQ	230	>KIT-Y553N-r LQKPMNEVQ	182	48
>KIT-Y553N-1 LQKPMYEVQ	247	>KIT-Y553N-r LQKPMNEVQ	262	15
>KIT-Y553N-1 LQKPMYEV	155	>KIT-Y553N-r LQKPMNEV	228	73
>KIT-Y553N-1 LQKPMYEVQ	225	>KIT-Y553N-r LQKPMNEVQ	353	128
>KIT-Y553N-1 LQKPMYEVQ	168	>KIT-Y553N-r LQKPMNEVQ	541	373
>KIT-Y553N-1 LQKPMYEVQ	230	>KIT-Y553N-r LQKPMNEVQ	305	75
>KIT-Y553N-1 YLQKPMYEV	7	>KIT-Y553N-r YLQKPMNEV	14	7
>KIT-Y553N-1 YLQKPMYEV	5	>KIT-Y553N-r YLQKPMNEV	9	4
>KIT-Y553N-1 YLQKPMYEV	7	>KIT-Y553N-r YLQKPMNEV	6	1

>KIT-Y553N-1 YLQKPMYEV	13	>KIT-Y553N-r YLQKPMNEV	20	7
>KIT-Y553N-1 YLQKPMYEV	1	>KIT-Y553N-r YLQKPMNEV	2	1
>KIT-Y553N-1 YLQKPMYEV	2	>KIT-Y553N-r YLQKPMNEV	4	2
>KIT-Y553N-1 YLQKPMYEV	6	>KIT-Y553N-r YLQKPMNEV	10	4
>KIT-Y553N-1 YLQKPMYEV	3	>KIT-Y553N-r YLQKPMNEV	23	20
>KIT-Y553N-1 YLQKPMYEV	2	>KIT-Y553N-r YLQKPMNEV	2	0
>KIT-Y553N-1 YLQKPMYEV	77	>KIT-Y553N-r YLQKPMNEV	140	63
>KIT-Y553N-1 YLQKPMYEV	93	>KIT-Y553N-r YLQKPMNEV	363	270
>KIT-Y553N-1 YLQKPMYEV	55	>KIT-Y553N-r YLQKPMNEV	136	81
>KIT-Y553N-1 YLQKPMYEV	124	>KIT-Y553N-r YLQKPMNEV	168	44
>KIT-Y553N-1 KYLQKPMYEV	100	>KIT-Y553N-r KYLQKPMNEV	759	659
>KIT-Y553N-1 KYLQKPMYEV	307	>KIT-Y553N-r KYLQKPMNEV	1308	1001
>KIT-Y553N-1 KYLQKPMY	159	>KIT-Y553N-r KYLQKPMN	1219	1060
>KIT-Y553N-1 KYLQKPMYEV	28	>KIT-Y553N-r KYLQKPMNEV	35	7
>KIT-Y553N-1 KYLQKPMYEV	360	>KIT-Y553N-r KYLQKPMNEV	1061	701
>KIT-Y553N-1 KYLQKPMY	89	>KIT-Y553N-r KYLQKPMN	18229	18140
>KIT-Y553N-1 KYLQKPMYEV	471	>KIT-Y553N-r KYLQKPMNEV	455	16
>KIT-Y553N-1 KYLQKPMY	93	>KIT-Y553N-r KYLQKPMN	10932	10839
>KIT-Y553N-1 KYLQKPMY	160	>KIT-Y553N-r KYLQKPMN	24754	24594
>KIT-Y553N-1 KYLQKPMYEV	82	>KIT-Y553N-r KYLQKPMNEV	852	770
>KIT-Y553N-1 KYLQKPMYEV	121	>KIT-Y553N-r KYLQKPMNEV	177	56
>KIT-Y553N-1 KYLQKPMYEV	331	>KIT-Y553N-r KYLQKPMNEV	1312	981
>KIT-Y553N-1 KYLQKPMYEV	56	>KIT-Y553N-r KYLQKPMNEV	130	74
>KIT-Y553N-1 KYLQKPMYEV	391	>KIT-Y553N-r KYLQKPMNEV	676	285
>KIT-Y553N-1 YKYLQKPMYEV	499	>KIT-Y553N-r YKYLQKPMNEV	446	53
>KIT-Y553N-1 YKYLQKPMYEV	447	>KIT-Y553N-r YKYLQKPMNEV	813	366
>KIT-Y553N-1 YKYLQKPMYEV	121	>KIT-Y553N-r YKYLQKPMNEV	475	354
>KIT-Y553N-1 YKYLQKPMYEV	356	>KIT-Y553N-r YKYLQKPMNEV	1008	652
>KIT-Y553N-1 YKYLQKPMYEV	365	>KIT-Y553N-r YKYLQKPMNEV	711	346
>KIT-Y553N-1 YKYLQKPMY	153	>KIT-Y553N-r YKYLQKPMN	23652	23499
>KIT-Y553N-1 YKYLQKPMY	9	>KIT-Y553N-r YKYLQKPMN	4561	4552
>KIT-Y553N-1 YKYLQKPMYEV	39	>KIT-Y553N-r YKYLQKPMNEV	37	2
>KIT-Y553N-1 TYKYLQKPMY	100	>KIT-Y553N-r TYKYLQKPMNEV	27049	26949
>KIT-Y553N-1 TYKYLQKPMY	348	>KIT-Y553N-r TYKYLQKPMNEV	22975	22627
>KIT-Y553V-1 YEVQWKVV	10	>KIT-Y553V-r VEVQWKVV	72	62
>KIT-Y553V-1 YEVQWKVVE	11	>KIT-Y553V-r VEVQWKVVE	15	4
>KIT-Y553V-1 YEVQWKVV	373	>KIT-Y553V-r VEVQWKVV	2563	2190
>KIT-Y553V-1 YEVQWKVVE	343	>KIT-Y553V-r VEVQWKVVE	2307	1964
>KIT-Y553V-1 YEVQWKVV	307	>KIT-Y553V-r VEVQWKVV	1687	1380
>KIT-Y553V-1 YEVQWKVVE	59	>KIT-Y553V-r VEVQWKVVE	437	378
>KIT-Y553V-1 YEVQWKVV	169	>KIT-Y553V-r VEVQWKVV	461	292
>KIT-Y553V-1 YEVQWKVVE	176	>KIT-Y553V-r VEVQWKVVE	583	407
>KIT-Y553V-1 YEVQWKVVE	3	>KIT-Y553V-r VEVQWKVVE	7	4

>KIT-Y553V-v MYEVQWKV	6123	>KIT-Y553V-r MVEVQWKV	148	5975
>KIT-Y553V-v MYEVQWKV	652	>KIT-Y553V-r MVEVQWKV	32	620
>KIT-Y553V-v MYEVQWKV	246	>KIT-Y553V-r MVEVQWKV	20465	20219
>KIT-Y553V-v MYEVQWKV	7231	>KIT-Y553V-r MVEVQWKV	161	7070
>KIT-Y553V-v MYEVQWKV	488	>KIT-Y553V-r MVEVQWKV	26703	26215
>KIT-Y553V-v LTYKYLQKPM	1338	>KIT-Y553V-r LTYKYLQKPM	118	1220
>KIT-Y553V-v LTYKYLQKPM	22122	>KIT-Y553V-r LTYKYLQKPM	271	21851
>KIT-Y553V-v LTYKYLQKPM	21800	>KIT-Y553V-r LTYKYLQKPM	496	21304
>KIT-Y553V-v LTYKYLQKPM	19696	>KIT-Y553V-r LTYKYLQKPM	163	19533
>KIT-Y553V-v LTYKYLQKPM	14128	>KIT-Y553V-r LTYKYLQKPM	95	14033
>KIT-Y553V-v LTYKYLQKPM	12383	>KIT-Y553V-r LTYKYLQKPM	12	12371
>KIT-Y553V-v LTYKYLQKPM	20943	>KIT-Y553V-r LTYKYLQKPM	49	20894
>KIT-Y553V-v LTYKYLQKPM	26292	>KIT-Y553V-r LTYKYLQKPM	26	26266
>KIT-Y553V-v LTYKYLQKPM	422	>KIT-Y553V-r LTYKYLQKPM	17051	16629
>KIT-Y553V-v LTYKYLQKPM	73	>KIT-Y553V-r LTYKYLQKPM	10481	10408
>KIT-Y553V-v LTYKYLQKPM	29	>KIT-Y553V-r LTYKYLQKPM	15166	15137
>KIT-Y553V-v LTYKYLQKPM	74	>KIT-Y553V-r LTYKYLQKPM	7622	7548
>KIT-Y553V-v LTYKYLQKPM	9916	>KIT-Y553V-r LTYKYLQKPM	16	9900
>KIT-Y553V-v LTYKYLQKPM	149	>KIT-Y553V-r LTYKYLQKPM	8478	8329
>KIT-Y553V-v LTYKYLQKPM	95	>KIT-Y553V-r LTYKYLQKPM	1136	1041
>KIT-Y553V-v LTYKYLQKPM	4	>KIT-Y553V-r LTYKYLQKPM	139	135
>KIT-Y553V-v LTYKYLQKPM	6	>KIT-Y553V-r LTYKYLQKPM	116	110
>KIT-Y553V-v PMYEVQWK\	17	>KIT-Y553V-r PMYEVQWK\	111	94
>KIT-Y553V-v PMYEVQWK\	18	>KIT-Y553V-r PMYEVQWK\	43	25
>KIT-Y553V-v PMYEVQWK\	48	>KIT-Y553V-r PMYEVQWK\	322	274
>KIT-Y553V-v PMYEVQWK\	33	>KIT-Y553V-r PMYEVQWK\	56	23
>KIT-Y553V-v PMYEVQWK\	1	>KIT-Y553V-r PMYEVQWK\	2	1
>KIT-Y553V-v PMYEVQWK\	4	>KIT-Y553V-r PMYEVQWK\	14	10
>KIT-Y553V-v PMYEVQWK\	5	>KIT-Y553V-r PMYEVQWK\	10	5
>KIT-Y553V-v PMYEVQWK\	97	>KIT-Y553V-r PMYEVQWK\	248	151
>KIT-Y553V-v PMYEVQWK\	4	>KIT-Y553V-r PMYEVQWK\	5	1
>KIT-Y553V-v PMYEVQWK\	11	>KIT-Y553V-r PMYEVQWK\	43	32
>KIT-Y553V-v PMYEVQWK\	3	>KIT-Y553V-r PMYEVQWK\	4	1
>KIT-Y553V-v PMYEVQWK\	54	>KIT-Y553V-r PMYEVQWK\	184	130
>KIT-Y553V-v PMYEVQWK\	2	>KIT-Y553V-r PMYEVQWK\	3	1
>KIT-Y553V-v PMYEVQWK\	10	>KIT-Y553V-r PMYEVQWK\	22	12
>KIT-Y553V-v PMYEVQWK	129	>KIT-Y553V-r PMYEVQWK	3804	3675
>KIT-Y553V-v PMYEVQWK\	145	>KIT-Y553V-r PMYEVQWK\	631	486
>KIT-Y553V-v KPMYEVQWI	157	>KIT-Y553V-r KPMYEVQWI	108	49
>KIT-Y553V-v KPMYEVQWI	136	>KIT-Y553V-r KPMYEVQWI	141	5
>KIT-Y553V-v KPMYEVQW	20	>KIT-Y553V-r KPMYEVQW	25	5
>KIT-Y553V-v KPMYEVQWI	68	>KIT-Y553V-r KPMYEVQWI	375	307
>KIT-Y553V-v KPMYEVQW	536	>KIT-Y553V-r KPMYEVQW	362	174



>KIT-Y553V-v KPMYEVQW	199	>KIT-Y553V-r KPMVEVQW	101	98
>KIT-Y553V-v KPMYEVQW	9	>KIT-Y553V-r KPMVEVQW	9	0
>KIT-Y553V-v LQKPMYEV	327	>KIT-Y553V-r LQKPMVEV	690	363
>KIT-Y553V-v LQKPMYEV	48	>KIT-Y553V-r LQKPMVEV	37	11
>KIT-Y553V-v LQKPMYEV	34	>KIT-Y553V-r LQKPMVEV	33	1
>KIT-Y553V-v LQKPMYEV	318	>KIT-Y553V-r LQKPMVEV	214	104
>KIT-Y553V-v LQKPMYEVQ	243	>KIT-Y553V-r LQKPMVEVQ	406	163
>KIT-Y553V-v LQKPMYEVQ	415	>KIT-Y553V-r LQKPMVEVQ	802	387
>KIT-Y553V-v LQKPMYEV	403	>KIT-Y553V-r LQKPMVEV	236	167
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>KIT-Y553V-v LQKPMYEVQ	247	>KIT-Y553V-r LQKPMVEVQ	214	33
>KIT-Y553V-v LQKPMYEV	155	>KIT-Y553V-r LQKPMVEV	111	44
>KIT-Y553V-v LQKPMYEVQ	225	>KIT-Y553V-r LQKPMVEVQ	408	183
>KIT-Y553V-v LQKPMYEVQ	692	>KIT-Y553V-r LQKPMVEVQ	497	195
>KIT-Y553V-v LQKPMYEVQ	168	>KIT-Y553V-r LQKPMVEVQ	266	98
>KIT-Y553V-v LQKPMYEVQ	230	>KIT-Y553V-r LQKPMVEVQ	312	82
>KIT-Y553V-v YLQKPMYEV	7	>KIT-Y553V-r YLQKPMVEV	10	3
>KIT-Y553V-v YLQKPMYEV	5	>KIT-Y553V-r YLQKPMVEV	13	8
>KIT-Y553V-v YLQKPMYEV	7	>KIT-Y553V-r YLQKPMVEV	8	1
>KIT-Y553V-v YLQKPMYEV	13	>KIT-Y553V-r YLQKPMVEV	17	4
>KIT-Y553V-v YLQKPMYEV	1	>KIT-Y553V-r YLQKPMVEV	2	1
>KIT-Y553V-v YLQKPMYEV	2	>KIT-Y553V-r YLQKPMVEV	4	2
>KIT-Y553V-v YLQKPMYEV	6	>KIT-Y553V-r YLQKPMVEV	6	0
>KIT-Y553V-v YLQKPMYEV	3	>KIT-Y553V-r YLQKPMVEV	8	5
>KIT-Y553V-v YLQKPMYEV	2	>KIT-Y553V-r YLQKPMVEV	2	0
>KIT-Y553V-v YLQKPMYEV(\	77	>KIT-Y553V-r YLQKPMVEV(\	56	21
>KIT-Y553V-v YLQKPMYEV	93	>KIT-Y553V-r YLQKPMVEV	324	231
>KIT-Y553V-v YLQKPMYEV	55	>KIT-Y553V-r YLQKPMVEV	98	43
>KIT-Y553V-v YLQKPMYEV(\	124	>KIT-Y553V-r YLQKPMVEV(\	158	34
>KIT-Y553V-v KYLQKPMY	25799	>KIT-Y553V-r KYLQKPMV	378	25421
>KIT-Y553V-v KYLQKPMY(\	100	>KIT-Y553V-r KYLQKPMVE(\	318	218
>KIT-Y553V-v KYLQKPMY	23620	>KIT-Y553V-r KYLQKPMV	352	23268
>KIT-Y553V-v KYLQKPMY(\	307	>KIT-Y553V-r KYLQKPMVE(\	606	299
>KIT-Y553V-v KYLQKPMY	159	>KIT-Y553V-r KYLQKPMV	79	80
>KIT-Y553V-v KYLQKPMY(\	28	>KIT-Y553V-r KYLQKPMVE(\	26	2
>KIT-Y553V-v KYLQKPMY(\	360	>KIT-Y553V-r KYLQKPMVE(\	647	287
>KIT-Y553V-v KYLQKPMY	89	>KIT-Y553V-r KYLQKPMV	14486	14397
>KIT-Y553V-v KYLQKPMY	846	>KIT-Y553V-r KYLQKPMV	375	471
>KIT-Y553V-v KYLQKPMY(\	471	>KIT-Y553V-r KYLQKPMVE(\	532	61
>KIT-Y553V-v KYLQKPMY	93	>KIT-Y553V-r KYLQKPMV	4729	4636
>KIT-Y553V-v KYLQKPMY	160	>KIT-Y553V-r KYLQKPMV	22850	22690
>KIT-Y553V-v KYLQKPMYE	82	>KIT-Y553V-r KYLQKPMVE	1113	1031
>KIT-Y553V-v KYLQKPMY(\	121	>KIT-Y553V-r KYLQKPMVE(\	199	78

>KIT-Y553V-v KYLQKPMY	1537	>KIT-Y553V-r KYLQKPMV	253	1284
>KIT-Y553V-v KYLQKPMYE	331	>KIT-Y553V-r KYLQKPMVE	1024	693
>KIT-Y553V-v KYLQKPMYE\	56	>KIT-Y553V-r KYLQKPMVE\	217	161
>KIT-Y553V-v KYLQKPMYE\	391	>KIT-Y553V-r KYLQKPMVE\	601	210
>KIT-Y553V-v YKYLQKPMY	4383	>KIT-Y553V-r YKYLQKPMV	318	4065
>KIT-Y553V-v YKYLQKPMYE	499	>KIT-Y553V-r YKYLQKPMVI	733	234
>KIT-Y553V-v YKYLQKPMYE	447	>KIT-Y553V-r YKYLQKPMVI	632	185
>KIT-Y553V-v YKYLQKPMY	24899	>KIT-Y553V-r YKYLQKPMV	421	24478
>KIT-Y553V-v YKYLQKPMYE	121	>KIT-Y553V-r YKYLQKPMVI	212	91
>KIT-Y553V-v YKYLQKPMY	23687	>KIT-Y553V-r YKYLQKPMV	380	23307
>KIT-Y553V-v YKYLQKPMYE	356	>KIT-Y553V-r YKYLQKPMVI	455	99
>KIT-Y553V-v YKYLQKPMY	34716	>KIT-Y553V-r YKYLQKPMV	446	34270
>KIT-Y553V-v YKYLQKPMYE	365	>KIT-Y553V-r YKYLQKPMVI	288	77
>KIT-Y553V-v YKYLQKPMY	153	>KIT-Y553V-r YKYLQKPMV	21070	20917
>KIT-Y553V-v YKYLQKPMY	9	>KIT-Y553V-r YKYLQKPMV	95	86
>KIT-Y553V-v YKYLQKPMYE	39	>KIT-Y553V-r YKYLQKPMVI	26	13
>KIT-Y553V-v TYKYLQKPM\	100	>KIT-Y553V-r TYKYLQKPM\	19599	19499
>KIT-Y553V-v TYKYLQKPM\	348	>KIT-Y553V-r TYKYLQKPM\	14101	13753
>KIT-Y568C-v YVYIDPTQL	193	>KIT-Y568C-r CVYIDPTQL	8035	7842
>KIT-Y568C-v YVYIDPTQL	135	>KIT-Y568C-r CVYIDPTQL	2146	2011
>KIT-Y568C-v YVYIDPTQL	24	>KIT-Y568C-r CVYIDPTQL	619	595
>KIT-Y568C-v YVYIDPTQL	261	>KIT-Y568C-r CVYIDPTQL	6721	6460
>KIT-Y568C-v YVYIDPTQL	18	>KIT-Y568C-r CVYIDPTQL	1296	1278
>KIT-Y568C-v YVYIDPTQL	71	>KIT-Y568C-r CVYIDPTQL	4784	4713
>KIT-Y568C-v YVYIDPTQL	16	>KIT-Y568C-r CVYIDPTQL	1357	1341
>KIT-Y568C-v YVYIDPTQLP\	492	>KIT-Y568C-r CVYIDPTQLP\	455	37
>KIT-Y568C-v YVYIDPTQLP\	330	>KIT-Y568C-r CVYIDPTQLP\	305	25
>KIT-Y568C-v YVYIDPTQLP\	387	>KIT-Y568C-r CVYIDPTQLP\	9595	9208
>KIT-Y568C-v YVYIDPTQLP\	91	>KIT-Y568C-r CVYIDPTQLP\	660	569
>KIT-Y568C-v YVYIDPTQLP\	6	>KIT-Y568C-r CVYIDPTQLP\	13	7
>KIT-Y568C-v YVYIDPTQLP\	517	>KIT-Y568C-r CVYIDPTQLP\	256	261
>KIT-Y568C-v YVYIDPTQLP\	451	>KIT-Y568C-r CVYIDPTQLP\	2284	1833
>KIT-Y568C-v YVYIDPTQL	162	>KIT-Y568C-r CVYIDPTQL	4681	4519
>KIT-Y568C-v YVYIDPTQLP\	16	>KIT-Y568C-r CVYIDPTQLP\	67	51
>KIT-Y568C-v YVYIDPTQLP\	63	>KIT-Y568C-r CVYIDPTQLP\	415	352
>KIT-Y568C-v YVYIDPTQLP\	73	>KIT-Y568C-r CVYIDPTQLP\	1131	1058
>KIT-Y568C-v YVYIDPTQLP\	53	>KIT-Y568C-r CVYIDPTQLP\	412	359
>KIT-Y568C-v YVYIDPTQL	27	>KIT-Y568C-r CVYIDPTQL	1753	1726
>KIT-Y568C-v YVYIDPTQLP\	7	>KIT-Y568C-r CVYIDPTQLP\	63	56
>KIT-Y568C-v YVYIDPTQLP\	17	>KIT-Y568C-r CVYIDPTQLP\	61	44
>KIT-Y568C-v YVYIDPTQL	423	>KIT-Y568C-r CVYIDPTQL	8585	8162
>KIT-Y568C-v YVYIDPTQLP\	301	>KIT-Y568C-r CVYIDPTQLP\	4535	4234
>KIT-Y568C-v YVYIDPTQLP\	949	>KIT-Y568C-r CVYIDPTQLP\	376	573

>KIT-Y568C-v YVYIDPTQL	1462	>KIT-Y568C-r CVYIDPTQL	279	1183
>KIT-Y568C-v NYVYIDPTQL	150	>KIT-Y568C-r NCVYIDPTQL	21854	21704
>KIT-Y568C-v NYVYIDPTQL	163	>KIT-Y568C-r NCVYIDPTQL	23915	23752
>KIT-Y568C-v KVVVEEINGNM	31	>KIT-Y568C-r KVVVEEINGNM	13198	13167
>KIT-Y568C-v KVVVEEINGNM	61	>KIT-Y568C-r KVVVEEINGNM	25387	25326
>KIT-Y568C-v KVVVEEINGNM	114	>KIT-Y568C-r KVVVEEINGNM	22495	22381
>KIT-Y568C-v KVVVEEINGNM	114	>KIT-Y568C-r KVVVEEINGNM	26097	25983
>KIT-Y568C-v KVVVEEINGNM	100	>KIT-Y568C-r KVVVEEINGNM	18819	18719
>KIT-Y568C-v INGNNYVYI	163	>KIT-Y568C-r INGNNCVYI	1863	1700
>KIT-Y568C-v INGNNYVYI	141	>KIT-Y568C-r INGNNCVYI	1603	1462
>KIT-Y568C-v INGNNYVY	382	>KIT-Y568C-r INGNNCVY	3013	2631
>KIT-Y568C-v INGNNYVY	256	>KIT-Y568C-r INGNNCVY	1071	815
>KIT-Y568C-v EINGNNYV	299	>KIT-Y568C-r EINGNNCV	2435	2136
>KIT-Y568C-v EINGNNYV	64	>KIT-Y568C-r EINGNNCV	1028	964
>KIT-Y568C-v EINGNNYVYI	229	>KIT-Y568C-r EINGNNCVYI	531	302
>KIT-Y568C-v EINGNNYV	442	>KIT-Y568C-r EINGNNCV	1268	826
>KIT-Y568C-v EINGNNYV	41	>KIT-Y568C-r EINGNNCV	257	216
>KIT-Y568C-v EINGNNYVYI	257	>KIT-Y568C-r EINGNNCVYI	416	159
>KIT-Y568C-v EINGNNYV	34	>KIT-Y568C-r EINGNNCV	164	130
>KIT-Y568C-v EINGNNYVY	763	>KIT-Y568C-r EINGNNCVY	338	425
>KIT-Y568C-v EINGNNYVY	203	>KIT-Y568C-r EINGNNCVY	99	104
>KIT-Y568C-v EINGNNYVY	17	>KIT-Y568C-r EINGNNCVY	78	61
>KIT-Y568C-v EINGNNYVY	425	>KIT-Y568C-r EINGNNCVY	1339	914
>KIT-Y568C-v EINGNNYVY	218	>KIT-Y568C-r EINGNNCVY	4159	3941
>KIT-Y568C-v EINGNNYVY	70	>KIT-Y568C-r EINGNNCVY	1209	1139
>KIT-Y568C-v EINGNNYVY	340	>KIT-Y568C-r EINGNNCVY	917	577
>KIT-Y568C-v EINGNNYV	8	>KIT-Y568C-r EINGNNCV	23	15
>KIT-Y568C-v EINGNNYVYI	101	>KIT-Y568C-r EINGNNCVYI	67	34
>KIT-Y568C-v EINGNNYV	11	>KIT-Y568C-r EINGNNCV	134	123
>KIT-Y568C-v EINGNNYVYI	36	>KIT-Y568C-r EINGNNCVYI	81	45
>KIT-Y568C-v EINGNNYVY	515	>KIT-Y568C-r EINGNNCVY	207	308
>KIT-Y568C-v EINGNNYVY	168	>KIT-Y568C-r EINGNNCVY	654	486
>KIT-Y568C-v EINGNNYVY	81	>KIT-Y568C-r EINGNNCVY	1174	1093
>KIT-Y568C-v EEINGNNYVY	76	>KIT-Y568C-r EEINGNNCVY	60	16
>KIT-Y568C-v EEINGNNY	230	>KIT-Y568C-r EEINGNNC	26057	25827
>KIT-Y568C-v EEINGNNYVY	179	>KIT-Y568C-r EEINGNNCVY	496	317
>KIT-Y568C-v EEINGNNY	19	>KIT-Y568C-r EEINGNNC	15635	15616
>KIT-Y568C-v EEINGNNYVY	134	>KIT-Y568C-r EEINGNNCVY	232	98
>KIT-Y568C-v EEINGNNYVY	328	>KIT-Y568C-r EEINGNNCVY	861	533
>KIT-Y568C-v EEINGNNYV	241	>KIT-Y568C-r EEINGNNCV	3610	3369
>KIT-Y568C-v EEINGNNYVY	766	>KIT-Y568C-r EEINGNNCVY	433	333
>KIT-Y568C-v EEINGNNY	278	>KIT-Y568C-r EEINGNNC	17899	17621
>KIT-Y568C-v EEINGNNYVY	322	>KIT-Y568C-r EEINGNNCVY	3901	3579

>KIT-Y568C-v EEINGNNYV	234	>KIT-Y568C-r EEINGNNCV	736	502
>KIT-Y568C-v EEINGNNYVY	59	>KIT-Y568C-r EEINGNNCVY	104	45
>KIT-Y568C-v EEINGNNYV	595	>KIT-Y568C-r EEINGNNCV	364	231
>KIT-Y568C-v EEINGNNYVY	300	>KIT-Y568C-r EEINGNNCVY	320	20
>KIT-Y568C-v EEINGNNYVY	466	>KIT-Y568C-r EEINGNNCVY	3311	2845
>KIT-Y568C-v EEINGNNY	70	>KIT-Y568C-r EEINGNNC	3002	2932
>KIT-Y568C-v EEINGNNYV	488	>KIT-Y568C-r EEINGNNCV	851	363
>KIT-Y568C-v EEINGNNYVY	180	>KIT-Y568C-r EEINGNNCVY	1050	870
>KIT-Y568C-v EEINGNNYVY	190	>KIT-Y568C-r EEINGNNCVY	276	86
>KIT-Y568C-v EEINGNNYV	74	>KIT-Y568C-r EEINGNNCV	31	43
>KIT-Y568C-v EEINGNNYVY	97	>KIT-Y568C-r EEINGNNCVY	107	10
>KIT-Y568C-v EEINGNNYV	305	>KIT-Y568C-r EEINGNNCV	317	12
>KIT-Y568C-v EEINGNNYVY	63	>KIT-Y568C-r EEINGNNCVY	61	2
>KIT-Y568C-v VEEINGNNYV	328	>KIT-Y568C-r VEEINGNNCV	292	36
>KIT-Y568C-v VEEINGNNYV	94	>KIT-Y568C-r VEEINGNNCV	395	301
>KIT-Y568C-v VEEINGNNYV	377	>KIT-Y568C-r VEEINGNNCV	217	160
>KIT-Y568C-v VVEEINGNNY	217	>KIT-Y568C-r VVEEINGNNC	1360	1143
>KIT-Y568C-v VVEEINGNNY	87	>KIT-Y568C-r VVEEINGNNC	1033	946
>KIT-Y568C-v VVEEINGNNY	121	>KIT-Y568C-r VVEEINGNNC	2283	2162
>KIT-Y568C-v VVEEINGNNY	35	>KIT-Y568C-r VVEEINGNNC	228	193
>KIT-Y568C-v VVEEINGNNY	316	>KIT-Y568C-r VVEEINGNNC	28842	28526
>KIT-Y568C-v VVEEINGNNY	167	>KIT-Y568C-r VVEEINGNNC	1243	1076
>KIT-Y568C-v VVEEINGNNY	178	>KIT-Y568C-r VVEEINGNNC	25835	25657
>KIT-Y568D-v YVYIDPTQL	193	>KIT-Y568D-r DVYIDPTQL	20412	20219
>KIT-Y568D-v YVYIDPTQL	135	>KIT-Y568D-r DVYIDPTQL	10700	10565
>KIT-Y568D-v YVYIDPTQL	24	>KIT-Y568D-r DVYIDPTQL	7778	7754
>KIT-Y568D-v YVYIDPTQL	261	>KIT-Y568D-r DVYIDPTQL	19178	18917
>KIT-Y568D-v YVYIDPTQL	18	>KIT-Y568D-r DVYIDPTQL	4660	4642
>KIT-Y568D-v YVYIDPTQL	71	>KIT-Y568D-r DVYIDPTQL	5558	5487
>KIT-Y568D-v YVYIDPTQL	16	>KIT-Y568D-r DVYIDPTQL	5338	5322
>KIT-Y568D-v YVYIDPTQLP'	492	>KIT-Y568D-r DVYIDPTQLP'	6180	5688
>KIT-Y568D-v YVYIDPTQLP'	330	>KIT-Y568D-r DVYIDPTQLP'	6955	6625
>KIT-Y568D-v YVYIDPTQLP'	387	>KIT-Y568D-r DVYIDPTQLP'	1478	1091
>KIT-Y568D-v YVYIDPTQLP'	745	>KIT-Y568D-r DVYIDPTQLP'	467	278
>KIT-Y568D-v YVYIDPTQLP'	91	>KIT-Y568D-r DVYIDPTQLP'	82	9
>KIT-Y568D-v YVYIDPTQLP'	6	>KIT-Y568D-r DVYIDPTQLP'	30	24
>KIT-Y568D-v YVYIDPTQLP'	451	>KIT-Y568D-r DVYIDPTQLP'	609	158
>KIT-Y568D-v YVYIDPTQL	162	>KIT-Y568D-r DVYIDPTQL	291	129
>KIT-Y568D-v YVYIDPTQLP'	16	>KIT-Y568D-r DVYIDPTQLP'	717	701
>KIT-Y568D-v YVYIDPTQLP'	63	>KIT-Y568D-r DVYIDPTQLP'	2326	2263
>KIT-Y568D-v YVYIDPTQLP'	73	>KIT-Y568D-r DVYIDPTQLP'	763	690
>KIT-Y568D-v YVYIDPTQLP'	53	>KIT-Y568D-r DVYIDPTQLP'	2139	2086
>KIT-Y568D-v YVYIDPTQL	27	>KIT-Y568D-r DVYIDPTQL	5333	5306

>KIT-Y568D-\ YVYIDPTQLP\	7	>KIT-Y568D-r DVYIDPTQLP'	544	537
>KIT-Y568D-\ YVYIDPTQLP\	17	>KIT-Y568D-r DVYIDPTQLP'	51	34
>KIT-Y568D-\ YVYIDPTQL	423	>KIT-Y568D-r DVYIDPTQL	14575	14152
>KIT-Y568D-\ YVYIDPTQLP\	301	>KIT-Y568D-r DVYIDPTQLP'	7754	7453
>KIT-Y568D-\ NYVYIDPTQL	150	>KIT-Y568D-r NDVYIDPTQL	24608	24458
>KIT-Y568D-\ NYVYIDPTQL	163	>KIT-Y568D-r NDVYIDPTQL	26499	26336
>KIT-Y568D-\ KVVVEEINGNM	31	>KIT-Y568D-r KVVVEEINGNM	24650	24619
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>KIT-Y568D-\ KVVVEEINGNM	100	>KIT-Y568D-r KVVVEEINGNM	20863	20763
>KIT-Y568D-\ INGNNYVYI	163	>KIT-Y568D-r INGNNDVYI	971	808
>KIT-Y568D-\ INGNNYVYI	141	>KIT-Y568D-r INGNNDVYI	3729	3588
>KIT-Y568D-\ INGNNYVY	382	>KIT-Y568D-r INGNNDVY	2848	2466
>KIT-Y568D-\ INGNNYVY	256	>KIT-Y568D-r INGNNDVY	673	417
>KIT-Y568D-\ EINGNNYV	299	>KIT-Y568D-r EINGNNDV	4353	4054
>KIT-Y568D-\ EINGNNYV	64	>KIT-Y568D-r EINGNNDV	2338	2274
>KIT-Y568D-\ EINGNNYVYI	229	>KIT-Y568D-r EINGNNDVYI	832	603
>KIT-Y568D-\ EINGNNYV	442	>KIT-Y568D-r EINGNNDV	4641	4199
>KIT-Y568D-\ EINGNNYV	41	>KIT-Y568D-r EINGNNDV	1754	1713
>KIT-Y568D-\ EINGNNYVYI	257	>KIT-Y568D-r EINGNNDVYI	918	661
>KIT-Y568D-\ EINGNNYV	34	>KIT-Y568D-r EINGNNDV	210	176
>KIT-Y568D-\ EINGNNYVY	203	>KIT-Y568D-r EINGNNDVY	501	298
>KIT-Y568D-\ EINGNNYVY	17	>KIT-Y568D-r EINGNNDVY	17	0
>KIT-Y568D-\ EINGNNYVY	425	>KIT-Y568D-r EINGNNDVY	1156	731
>KIT-Y568D-\ EINGNNYVY	218	>KIT-Y568D-r EINGNNDVY	2972	2754
>KIT-Y568D-\ EINGNNYVY	70	>KIT-Y568D-r EINGNNDVY	442	372
>KIT-Y568D-\ EINGNNYVY	340	>KIT-Y568D-r EINGNNDVY	768	428
>KIT-Y568D-\ EINGNNYV	8	>KIT-Y568D-r EINGNNDV	51	43
>KIT-Y568D-\ EINGNNYVYI	101	>KIT-Y568D-r EINGNNDVYI	403	302
>KIT-Y568D-\ EINGNNYV	11	>KIT-Y568D-r EINGNNDV	152	141
>KIT-Y568D-\ EINGNNYVYI	36	>KIT-Y568D-r EINGNNDVYI	267	231
>KIT-Y568D-\ EINGNNYVY	168	>KIT-Y568D-r EINGNNDVY	298	130
>KIT-Y568D-\ EINGNNYVY	81	>KIT-Y568D-r EINGNNDVY	799	718
>KIT-Y568D-\ EEINGNNYVY	76	>KIT-Y568D-r EEINGNNDV\	273	197
>KIT-Y568D-\ EEINGNNY	230	>KIT-Y568D-r EEINGNND	28952	28722
>KIT-Y568D-\ EEINGNNYVY	179	>KIT-Y568D-r EEINGNNDV\	207	28
>KIT-Y568D-\ EEINGNNY	19	>KIT-Y568D-r EEINGNND	21005	20986
>KIT-Y568D-\ EEINGNNYVY	134	>KIT-Y568D-r EEINGNNDV\	239	105
>KIT-Y568D-\ EEINGNNYVY	328	>KIT-Y568D-r EEINGNNDV\	1895	1567
>KIT-Y568D-\ EEINGNNYV	241	>KIT-Y568D-r EEINGNNDV	7513	7272
>KIT-Y568D-\ EEINGNNY	278	>KIT-Y568D-r EEINGNND	14782	14504
>KIT-Y568D-\ EEINGNNYVY	322	>KIT-Y568D-r EEINGNNDV\	1819	1497

>KIT-Y568D-\ EEINGNNYV	234	>KIT-Y568D-r EEINGNNDV	604	370
>KIT-Y568D-\ EEINGNNYVY	59	>KIT-Y568D-r EEINGNNDV\	105	46
>KIT-Y568D-\ EEINGNNYVY	300	>KIT-Y568D-r EEINGNNDV\	579	279
>KIT-Y568D-\ EEINGNNYVY	466	>KIT-Y568D-r EEINGNNDV\	2098	1632
>KIT-Y568D-\ EEINGNNY	70	>KIT-Y568D-r EEINGNND	1895	1825
>KIT-Y568D-\ EEINGNNYV	488	>KIT-Y568D-r EEINGNNDV	901	413
>KIT-Y568D-\ EEINGNNYVY	180	>KIT-Y568D-r EEINGNNDV\	916	736
>KIT-Y568D-\ EEINGNNYVY	190	>KIT-Y568D-r EEINGNNDV\	239	49
>KIT-Y568D-\ EEINGNNYV	74	>KIT-Y568D-r EEINGNNDV	99	25
>KIT-Y568D-\ EEINGNNYVY	97	>KIT-Y568D-r EEINGNNDV\	327	230
>KIT-Y568D-\ EEINGNNYV	305	>KIT-Y568D-r EEINGNNDV	293	12
>KIT-Y568D-\ EEINGNNYVY	63	>KIT-Y568D-r EEINGNNDV\	106	43
>KIT-Y568D-\ VEEINGNNY\	328	>KIT-Y568D-r VEEINGNND\	769	441
>KIT-Y568D-\ VEEINGNNY\	94	>KIT-Y568D-r VEEINGNND\	546	452
>KIT-Y568D-\ VEEINGNNY\	377	>KIT-Y568D-r VEEINGNND\	595	218
>KIT-Y568D-\ VVEEINGNNY	217	>KIT-Y568D-r VVEEINGNNE	3476	3259
>KIT-Y568D-\ VVEEINGNNY	87	>KIT-Y568D-r VVEEINGNNE	2003	1916
>KIT-Y568D-\ VVEEINGNNY	121	>KIT-Y568D-r VVEEINGNNE	3409	3288
>KIT-Y568D-\ VVEEINGNNY	35	>KIT-Y568D-r VVEEINGNNE	170	135
>KIT-Y568D-\ VVEEINGNNY	316	>KIT-Y568D-r VVEEINGNNE	29292	28976
>KIT-Y568D-\ VVEEINGNNY	167	>KIT-Y568D-r VVEEINGNNE	2201	2034
>KIT-Y568D-\ VVEEINGNNY	178	>KIT-Y568D-r VVEEINGNNE	25884	25706
>KIT-Y568S-v YVYIDPTQL	193	>KIT-Y568S-n SVYIDPTQL	2461	2268
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>KIT-Y568S-v YVYIDPTQL	24	>KIT-Y568S-n SVYIDPTQL	171	147
>KIT-Y568S-v YVYIDPTQL	261	>KIT-Y568S-n SVYIDPTQL	2760	2499
>KIT-Y568S-v YVYIDPTQL	18	>KIT-Y568S-n SVYIDPTQL	140	122
>KIT-Y568S-v YVYIDPTQL	71	>KIT-Y568S-n SVYIDPTQL	252	181
>KIT-Y568S-v YVYIDPTQL	16	>KIT-Y568S-n SVYIDPTQL	129	113
>KIT-Y568S-v YVYIDPTQLP\	492	>KIT-Y568S-n SVYIDPTQLP\	217	275
>KIT-Y568S-v YVYIDPTQLP\	330	>KIT-Y568S-n SVYIDPTQLP\	48	282
>KIT-Y568S-v YVYIDPTQLP\	387	>KIT-Y568S-n SVYIDPTQLP\	4277	3890
>KIT-Y568S-v YVYIDPTQLP\	91	>KIT-Y568S-n SVYIDPTQLP\	221	130
>KIT-Y568S-v YVYIDPTQLP\	6	>KIT-Y568S-n SVYIDPTQLP\	11	5
>KIT-Y568S-v YVYIDPTQLP\	517	>KIT-Y568S-n SVYIDPTQLP\	176	341
>KIT-Y568S-v YVYIDPTQLP\	451	>KIT-Y568S-n SVYIDPTQLP\	1240	789
>KIT-Y568S-v YVYIDPTQL	162	>KIT-Y568S-n SVYIDPTQL	677	515
>KIT-Y568S-v YVYIDPTQLP\	16	>KIT-Y568S-n SVYIDPTQLP\	27	11
>KIT-Y568S-v YVYIDPTQLP\	63	>KIT-Y568S-n SVYIDPTQLP\	105	42
>KIT-Y568S-v YVYIDPTQLP\	73	>KIT-Y568S-n SVYIDPTQLP\	221	148
>KIT-Y568S-v YVYIDPTQLP\	53	>KIT-Y568S-n SVYIDPTQLP\	319	266
>KIT-Y568S-v YVYIDPTQL	27	>KIT-Y568S-n SVYIDPTQL	201	174
>KIT-Y568S-v YVYIDPTQLP\	7	>KIT-Y568S-n SVYIDPTQLP\	19	12

>KIT-Y568S-v YVYIDPTQLP\	17	>KIT-Y568S-n SVYIDPTQLP\	76	59
>KIT-Y568S-v YVYIDPTQL	423	>KIT-Y568S-n SVYIDPTQL	1089	666
>KIT-Y568S-v YVYIDPTQLP\	301	>KIT-Y568S-n SVYIDPTQLP\	553	252
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>KIT-Y568S-v NYVYIDPTQL	163	>KIT-Y568S-n NSVYIDPTQL	22269	22106
>KIT-Y568S-v NYVYIDPT	6901	>KIT-Y568S-n NSVYIDPT	417	6484
>KIT-Y568S-v NYVYIDPTQL	26736	>KIT-Y568S-n NSVYIDPTQL	459	26277
>KIT-Y568S-v KVVVEEINGNM	31	>KIT-Y568S-n KVVVEEINGNM	10594	10563
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>KIT-Y568S-v INGNNYVYI	141	>KIT-Y568S-n INGNNSVYI	1722	1581
>KIT-Y568S-v INGNNYVY	382	>KIT-Y568S-n INGNNSVY	1676	1294
>KIT-Y568S-v INGNNYVY	256	>KIT-Y568S-n INGNNSVY	323	67
>KIT-Y568S-v INGNNYVY	1137	>KIT-Y568S-n INGNNSVY	464	673
>KIT-Y568S-v EINGNNYV	299	>KIT-Y568S-n EINGNNSV	1224	925
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>KIT-Y568S-v EINGNNYVYI	229	>KIT-Y568S-n EINGNNSVYI	384	155
>KIT-Y568S-v EINGNNYV	442	>KIT-Y568S-n EINGNNSV	2596	2154
>KIT-Y568S-v EINGNNYV	41	>KIT-Y568S-n EINGNNSV	316	275
>KIT-Y568S-v EINGNNYVYI	257	>KIT-Y568S-n EINGNNSVYI	313	56
>KIT-Y568S-v EINGNNYV	34	>KIT-Y568S-n EINGNNSV	36	2
>KIT-Y568S-v EINGNNYVY	763	>KIT-Y568S-n EINGNNSVY	145	618
>KIT-Y568S-v EINGNNYVY	203	>KIT-Y568S-n EINGNNSVY	43	160
>KIT-Y568S-v EINGNNYVY	17	>KIT-Y568S-n EINGNNSVY	12	5
>KIT-Y568S-v EINGNNYVY	425	>KIT-Y568S-n EINGNNSVY	297	128
>KIT-Y568S-v EINGNNYVY	218	>KIT-Y568S-n EINGNNSVY	1617	1399
>KIT-Y568S-v EINGNNYVY	70	>KIT-Y568S-n EINGNNSVY	145	75
>KIT-Y568S-v EINGNNYVY	340	>KIT-Y568S-n EINGNNSVY	328	12
>KIT-Y568S-v EINGNNYV	8	>KIT-Y568S-n EINGNNSV	12	4
>KIT-Y568S-v EINGNNYVYI	101	>KIT-Y568S-n EINGNNSVYI	139	38
>KIT-Y568S-v EINGNNYV	11	>KIT-Y568S-n EINGNNSV	26	15
>KIT-Y568S-v EINGNNYVYI	36	>KIT-Y568S-n EINGNNSVYI	53	17
>KIT-Y568S-v EINGNNYVY	515	>KIT-Y568S-n EINGNNSVY	265	250
>KIT-Y568S-v EINGNNYVY	710	>KIT-Y568S-n EINGNNSVY	164	546
>KIT-Y568S-v EINGNNYVY	168	>KIT-Y568S-n EINGNNSVY	263	95
>KIT-Y568S-v EINGNNYVY	81	>KIT-Y568S-n EINGNNSVY	413	332
>KIT-Y568S-v EEINGNNYVY	76	>KIT-Y568S-n EEINGNNSVY	82	6
>KIT-Y568S-v EEINGNNY	230	>KIT-Y568S-n EEINGNNS	21623	21393
>KIT-Y568S-v EEINGNNYVY	179	>KIT-Y568S-n EEINGNNSVY	159	20
>KIT-Y568S-v EEINGNNY	19	>KIT-Y568S-n EEINGNNS	13282	13263

>KIT-Y568S-v EEINGNNYVY	134	>KIT-Y568S-n EEINGNNSVY	80	54
>KIT-Y568S-v EEINGNNYVY	328	>KIT-Y568S-n EEINGNNSVY	598	270
>KIT-Y568S-v EEINGNNYV	241	>KIT-Y568S-n EEINGNNSV	1011	770
>KIT-Y568S-v EEINGNNYVY	766	>KIT-Y568S-n EEINGNNSVY	386	380
>KIT-Y568S-v EEINGNNYVY	1422	>KIT-Y568S-n EEINGNNSVY	445	977
>KIT-Y568S-v EEINGNNY	278	>KIT-Y568S-n EEINGNNS	15630	15352
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>KIT-Y568S-v EEINGNNYV	234	>KIT-Y568S-n EEINGNNSV	180	54
>KIT-Y568S-v EEINGNNYVY	59	>KIT-Y568S-n EEINGNNSVY	71	12
>KIT-Y568S-v EEINGNNYV	595	>KIT-Y568S-n EEINGNNSV	158	437
>KIT-Y568S-v EEINGNNYVY	300	>KIT-Y568S-n EEINGNNSVY	302	2
>KIT-Y568S-v EEINGNNYVY	466	>KIT-Y568S-n EEINGNNSVY	688	222
>KIT-Y568S-v EEINGNNY	70	>KIT-Y568S-n EEINGNNS	2275	2205
>KIT-Y568S-v EEINGNNYV	488	>KIT-Y568S-n EEINGNNSV	1015	527
>KIT-Y568S-v EEINGNNYVY	180	>KIT-Y568S-n EEINGNNSVY	269	89
>KIT-Y568S-v EEINGNNYVY	190	>KIT-Y568S-n EEINGNNSVY	236	46
>KIT-Y568S-v EEINGNNYV	74	>KIT-Y568S-n EEINGNNSV	61	13
>KIT-Y568S-v EEINGNNYVY	97	>KIT-Y568S-n EEINGNNSVY	161	64
>KIT-Y568S-v EEINGNNYV	305	>KIT-Y568S-n EEINGNNSV	162	143
>KIT-Y568S-v EEINGNNYVY	63	>KIT-Y568S-n EEINGNNSVY	48	15
>KIT-Y568S-v VEEINGNNYV	328	>KIT-Y568S-n VEEINGNNSV	428	100
>KIT-Y568S-v VEEINGNNYV	94	>KIT-Y568S-n VEEINGNNSV	275	181
>KIT-Y568S-v VEEINGNNYV	377	>KIT-Y568S-n VEEINGNNSV	294	83
>KIT-Y568S-v VVEEINGNNY	217	>KIT-Y568S-n VVEEINGNNS	633	416
>KIT-Y568S-v VVEEINGNNY	87	>KIT-Y568S-n VVEEINGNNS	185	98
>KIT-Y568S-v VVEEINGNNY	121	>KIT-Y568S-n VVEEINGNNS	684	563
>KIT-Y568S-v VVEEINGNNY	35	>KIT-Y568S-n VVEEINGNNS	42	7
>KIT-Y568S-v VVEEINGNNY	316	>KIT-Y568S-n VVEEINGNNS	25802	25486
>KIT-Y568S-v VVEEINGNNY	167	>KIT-Y568S-n VVEEINGNNS	500	333
>KIT-Y568S-v VVEEINGNNY	178	>KIT-Y568S-n VVEEINGNNS	24782	24604
>KIT-Y570D-v YIDPTQLPY	10	>KIT-Y570D-r DIDPTQLPY	30	20
>KIT-Y570D-v YIDPTQLPY	21	>KIT-Y570D-r DIDPTQLPY	169	148
>KIT-Y570D-v YIDPTQLPY	11	>KIT-Y570D-r DIDPTQLPY	818	807
>KIT-Y570D-v YIDPTQLPY	137	>KIT-Y570D-r DIDPTQLPY	9419	9282
>KIT-Y570D-v YIDPTQLPY	240	>KIT-Y570D-r DIDPTQLPY	3843	3603
>KIT-Y570D-v YIDPTQLPY	42	>KIT-Y570D-r DIDPTQLPY	8052	8010
>KIT-Y570D-v YIDPTQLPY	61	>KIT-Y570D-r DIDPTQLPY	473	412
>KIT-Y570D-v YIDPTQLPY	116	>KIT-Y570D-r DIDPTQLPY	5147	5031
>KIT-Y570D-v YIDPTQLPY	56	>KIT-Y570D-r DIDPTQLPY	206	150
>KIT-Y570D-v VYIDPTQLPY	495	>KIT-Y570D-r VIDIDPTQLPY	14481	13986
>KIT-Y570D-v VYIDPTQL	216	>KIT-Y570D-r VIDIDPTQL	23085	22869
>KIT-Y570D-v VYIDPTQL	43	>KIT-Y570D-r VIDIDPTQL	26341	26298
>KIT-Y570D-v VYIDPTQLPY	319	>KIT-Y570D-r VIDIDPTQLPY	6450	6131



>KIT-Y570D-\ VYIDPTQLPY	33	>KIT-Y570D-r VVIDPTQLPY	1698	1665
>KIT-Y570D-\ VYIDPTQLPY	64	>KIT-Y570D-r VVIDPTQLPY	804	740
>KIT-Y570D-\ VYIDPTQLPY	32	>KIT-Y570D-r VVIDPTQLPY	1215	1183
>KIT-Y570D-\ VEEINGNNYV	94	>KIT-Y570D-r VEEINGNNYV	6685	6591
>KIT-Y570D-\ YVYIDPTQLP'	1068	>KIT-Y570D-r YVDIDPTQLP'	12	1056
>KIT-Y570D-\ YVYIDPTQL	193	>KIT-Y570D-r YVDIDPTQL	826	633
>KIT-Y570D-\ YVYIDPTQL	135	>KIT-Y570D-r YVDIDPTQL	765	630
>KIT-Y570D-\ YVYIDPTQL	24	>KIT-Y570D-r YVDIDPTQL	1901	1877
>KIT-Y570D-\ YVYIDPTQL	261	>KIT-Y570D-r YVDIDPTQL	812	551
>KIT-Y570D-\ YVYIDPTQL	18	>KIT-Y570D-r YVDIDPTQL	95	77
>KIT-Y570D-\ YVYIDPTQL	71	>KIT-Y570D-r YVDIDPTQL	329	258
>KIT-Y570D-\ YVYIDPTQL	16	>KIT-Y570D-r YVDIDPTQL	89	73
>KIT-Y570D-\ YVYIDPTQLP'	492	>KIT-Y570D-r YVDIDPTQLP'	10160	9668
>KIT-Y570D-\ YVYIDPTQLP'	330	>KIT-Y570D-r YVDIDPTQLP'	2841	2511
>KIT-Y570D-\ YVYIDPTQLP'	387	>KIT-Y570D-r YVDIDPTQLP'	1258	871
>KIT-Y570D-\ YVYIDPTQLP'	91	>KIT-Y570D-r YVDIDPTQLP'	5296	5205
>KIT-Y570D-\ YVYIDPTQLP'	6	>KIT-Y570D-r YVDIDPTQLP'	29	23
>KIT-Y570D-\ YVYIDPTQLP'	451	>KIT-Y570D-r YVDIDPTQLP'	9025	8574
>KIT-Y570D-\ YVYIDPTQL	162	>KIT-Y570D-r YVDIDPTQL	571	409
>KIT-Y570D-\ YVYIDPTQLP'	16	>KIT-Y570D-r YVDIDPTQLP'	27	11
>KIT-Y570D-\ YVYIDPTQLP'	63	>KIT-Y570D-r YVDIDPTQLP'	1137	1074
>KIT-Y570D-\ YVYIDPTQLP'	73	>KIT-Y570D-r YVDIDPTQLP'	931	858
>KIT-Y570D-\ YVYIDPTQLP'	53	>KIT-Y570D-r YVDIDPTQLP'	3651	3598
>KIT-Y570D-\ YVYIDPTQL	27	>KIT-Y570D-r YVDIDPTQL	1660	1633
>KIT-Y570D-\ YVYIDPTQLP'	7	>KIT-Y570D-r YVDIDPTQLP'	185	178
>KIT-Y570D-\ YVYIDPTQLP'	17	>KIT-Y570D-r YVDIDPTQLP'	40	23
>KIT-Y570D-\ YVYIDPTQL	423	>KIT-Y570D-r YVDIDPTQL	3342	2919
>KIT-Y570D-\ YVYIDPTQLP'	301	>KIT-Y570D-r YVDIDPTQLP'	1905	1604
>KIT-Y570D-\ YVYIDPTQLP'	949	>KIT-Y570D-r YVDIDPTQLP'	214	735
>KIT-Y570D-\ NYVYIDPTQL	150	>KIT-Y570D-r NYVDIDPTQL	578	428
>KIT-Y570D-\ NYVYIDPTQL	163	>KIT-Y570D-r NYVDIDPTQL	231	68
>KIT-Y570D-\ INGNNYVYI	163	>KIT-Y570D-r INGNNYVDI	7793	7630
>KIT-Y570D-\ INGNNYVYI	141	>KIT-Y570D-r INGNNYVDI	576	435
>KIT-Y570D-\ INGNNYVY	382	>KIT-Y570D-r INGNNYVD	26976	26594
>KIT-Y570D-\ INGNNYVY	256	>KIT-Y570D-r INGNNYVD	33047	32791
>KIT-Y570D-\ EINGNNYVYI	229	>KIT-Y570D-r EINGNNYVDI	5136	4907
>KIT-Y570D-\ EINGNNYVYI	257	>KIT-Y570D-r EINGNNYVDI	4520	4263
>KIT-Y570D-\ EINGNNYVY	203	>KIT-Y570D-r EINGNNYVD	21730	21527
>KIT-Y570D-\ EINGNNYVY	17	>KIT-Y570D-r EINGNNYVD	22344	22327
>KIT-Y570D-\ EINGNNYVY	425	>KIT-Y570D-r EINGNNYVD	34486	34061
>KIT-Y570D-\ EINGNNYVY	218	>KIT-Y570D-r EINGNNYVD	25307	25089
>KIT-Y570D-\ EINGNNYVY	70	>KIT-Y570D-r EINGNNYVD	27976	27906
>KIT-Y570D-\ EINGNNYVY	340	>KIT-Y570D-r EINGNNYVD	18308	17968

>KIT-Y570D-v EINGNNYVYI	101	>KIT-Y570D-r EINGNNYVDI	1770	1669
>KIT-Y570D-v EINGNNYVYI	36	>KIT-Y570D-r EINGNNYVDI	404	368
>KIT-Y570D-v EINGNNYVY	168	>KIT-Y570D-r EINGNNYVD	21602	21434
>KIT-Y570D-v EINGNNYVY	81	>KIT-Y570D-r EINGNNYVD	31066	30985
>KIT-Y570D-v EEINGNNYVY	76	>KIT-Y570D-r EEINGNNYVCE	225	149
>KIT-Y570D-v EEINGNNYVY	179	>KIT-Y570D-r EEINGNNYVCE	25055	24876
>KIT-Y570D-v EEINGNNYVY	134	>KIT-Y570D-r EEINGNNYVCE	27717	27583
>KIT-Y570D-v EEINGNNYVY	328	>KIT-Y570D-r EEINGNNYVCE	33186	32858
>KIT-Y570D-v EEINGNNYVY	322	>KIT-Y570D-r EEINGNNYVCE	27910	27588
>KIT-Y570D-v EEINGNNYVY	59	>KIT-Y570D-r EEINGNNYVCE	119	60
>KIT-Y570D-v EEINGNNYVY	300	>KIT-Y570D-r EEINGNNYVCE	458	158
>KIT-Y570D-v EEINGNNYVY	466	>KIT-Y570D-r EEINGNNYVCE	25413	24947
>KIT-Y570D-v EEINGNNYVY	180	>KIT-Y570D-r EEINGNNYVCE	20470	20290
>KIT-Y570D-v EEINGNNYVY	190	>KIT-Y570D-r EEINGNNYVCE	325	135
>KIT-Y570D-v EEINGNNYVY	97	>KIT-Y570D-r EEINGNNYVCE	148	51
>KIT-Y570D-v EEINGNNYVY	63	>KIT-Y570D-r EEINGNNYVCE	45	18
>KIT-Y570F-v YIDPTQLPY	10	>KIT-Y570F-n FIDPTQLPY	9	1
>KIT-Y570F-v YIDPTQLPY	21	>KIT-Y570F-n FIDPTQLPY	21	0
>KIT-Y570F-v YIDPTQLPY	11	>KIT-Y570F-n FIDPTQLPY	39	28
>KIT-Y570F-v YIDPTQLPY	137	>KIT-Y570F-n FIDPTQLPY	208	71
>KIT-Y570F-v YIDPTQLPY	240	>KIT-Y570F-n FIDPTQLPY	285	45
>KIT-Y570F-v YIDPTQLPY	42	>KIT-Y570F-n FIDPTQLPY	111	69
>KIT-Y570F-v YIDPTQLPY	61	>KIT-Y570F-n FIDPTQLPY	81	20
>KIT-Y570F-v YIDPTQLPY	116	>KIT-Y570F-n FIDPTQLPY	423	307
>KIT-Y570F-v YIDPTQLPY	56	>KIT-Y570F-n FIDPTQLPY	62	6
>KIT-Y570F-v VYIDPTQLPY	495	>KIT-Y570F-n VFIDPTQLPY	869	374
>KIT-Y570F-v VYIDPTQL	216	>KIT-Y570F-n VFIDPTQL	595	379
>KIT-Y570F-v VYIDPTQL	43	>KIT-Y570F-n VFIDPTQL	1081	1038
>KIT-Y570F-v VYIDPTQLPY	319	>KIT-Y570F-n VFIDPTQLPY	952	633
>KIT-Y570F-v VYIDPTQLPY	33	>KIT-Y570F-n VFIDPTQLPY	52	19
>KIT-Y570F-v VYIDPTQLPY	64	>KIT-Y570F-n VFIDPTQLPY	180	116
>KIT-Y570F-v VYIDPTQLPY	32	>KIT-Y570F-n VFIDPTQLPY	62	30
>KIT-Y570F-v VYIDPTQLPY	1343	>KIT-Y570F-n VFIDPTQLPY	270	1073
>KIT-Y570F-v VYIDPTQLPY	840	>KIT-Y570F-n VFIDPTQLPY	212	628
>KIT-Y570F-v VEEINGNNYV	94	>KIT-Y570F-n VEEINGNNYV	101	7
>KIT-Y570F-v VEEINGNNYV	7318	>KIT-Y570F-n VEEINGNNYV	318	7000
>KIT-Y570F-v YVYIDPTQL	193	>KIT-Y570F-n YVFIDPTQL	120	73
>KIT-Y570F-v YVYIDPTQL	135	>KIT-Y570F-n YVFIDPTQL	65	70
>KIT-Y570F-v YVYIDPTQL	24	>KIT-Y570F-n YVFIDPTQL	45	21
>KIT-Y570F-v YVYIDPTQL	261	>KIT-Y570F-n YVFIDPTQL	240	21
>KIT-Y570F-v YVYIDPTQL	18	>KIT-Y570F-n YVFIDPTQL	23	5
>KIT-Y570F-v YVYIDPTQL	71	>KIT-Y570F-n YVFIDPTQL	93	22
>KIT-Y570F-v YVYIDPTQL	16	>KIT-Y570F-n YVFIDPTQL	20	4

>KIT-Y570F-v YVYIDPTQLP\	492	>KIT-Y570F-n YVFIDPTQLP\	1155	663
>KIT-Y570F-v YVYIDPTQLP\	330	>KIT-Y570F-n YVFIDPTQLP\	328	2
>KIT-Y570F-v YVYIDPTQLP\	387	>KIT-Y570F-n YVFIDPTQLP\	209	178
>KIT-Y570F-v YVYIDPTQLP\	91	>KIT-Y570F-n YVFIDPTQLP\	730	639
>KIT-Y570F-v YVYIDPTQLP\	6	>KIT-Y570F-n YVFIDPTQLP\	6	0
>KIT-Y570F-v YVYIDPTQLP\	517	>KIT-Y570F-n YVFIDPTQLP\	392	125
>KIT-Y570F-v YVYIDPTQ	1016	>KIT-Y570F-n YVFIDPTQ	497	519
>KIT-Y570F-v YVYIDPTQLP\	451	>KIT-Y570F-n YVFIDPTQLP\	217	234
>KIT-Y570F-v YVYIDPTQL	1295	>KIT-Y570F-n YVFIDPTQL	312	983
>KIT-Y570F-v YVYIDPTQL	162	>KIT-Y570F-n YVFIDPTQL	313	151
>KIT-Y570F-v YVYIDPTQLP\	16	>KIT-Y570F-n YVFIDPTQLP\	16	0
>KIT-Y570F-v YVYIDPTQLP\	63	>KIT-Y570F-n YVFIDPTQLP\	64	1
>KIT-Y570F-v YVYIDPTQLP\	73	>KIT-Y570F-n YVFIDPTQLP\	87	14
>KIT-Y570F-v YVYIDPTQLP\	53	>KIT-Y570F-n YVFIDPTQLP\	37	16
>KIT-Y570F-v YVYIDPTQL	27	>KIT-Y570F-n YVFIDPTQL	66	39
>KIT-Y570F-v YVYIDPTQLP\	7	>KIT-Y570F-n YVFIDPTQLP\	12	5
>KIT-Y570F-v YVYIDPTQLP\	17	>KIT-Y570F-n YVFIDPTQLP\	17	0
>KIT-Y570F-v YVYIDPTQL	423	>KIT-Y570F-n YVFIDPTQL	173	250
>KIT-Y570F-v YVYIDPTQLP\	301	>KIT-Y570F-n YVFIDPTQLP\	126	175
>KIT-Y570F-v YVYIDPTQLP\	949	>KIT-Y570F-n YVFIDPTQLP\	252	697
>KIT-Y570F-v NYVYIDPTQL	150	>KIT-Y570F-n NYVFIDPTQL	188	38
>KIT-Y570F-v NYVYIDPTQL	163	>KIT-Y570F-n NYVFIDPTQL	150	13
>KIT-Y570F-v NNYVYIDPTC	602	>KIT-Y570F-n NNYVFIDPTC	390	212
>KIT-Y570F-v INGNNYVYI	163	>KIT-Y570F-n INGNNYVFI	376	213
>KIT-Y570F-v INGNNYVYI	141	>KIT-Y570F-n INGNNYVFI	463	322
>KIT-Y570F-v INGNNYVY	21615	>KIT-Y570F-n INGNNYVF	477	21138
>KIT-Y570F-v INGNNYVY	382	>KIT-Y570F-n INGNNYVF	10330	9948
>KIT-Y570F-v INGNNYVY	256	>KIT-Y570F-n INGNNYVF	14943	14687
>KIT-Y570F-v INGNNYVY	1070	>KIT-Y570F-n INGNNYVF	266	804
>KIT-Y570F-v EINGNNYVYI	229	>KIT-Y570F-n EINGNNYVFI	606	377
>KIT-Y570F-v EINGNNYVYI	257	>KIT-Y570F-n EINGNNYVFI	550	293
>KIT-Y570F-v EINGNNYVY	203	>KIT-Y570F-n EINGNNYVF	1745	1542
>KIT-Y570F-v EINGNNYVY	17	>KIT-Y570F-n EINGNNYVF	51	34
>KIT-Y570F-v EINGNNYVY	425	>KIT-Y570F-n EINGNNYVF	2908	2483
>KIT-Y570F-v EINGNNYVY	218	>KIT-Y570F-n EINGNNYVF	5567	5349
>KIT-Y570F-v EINGNNYVY	70	>KIT-Y570F-n EINGNNYVF	7858	7788
>KIT-Y570F-v EINGNNYVY	1305	>KIT-Y570F-n EINGNNYVF	85	1220
>KIT-Y570F-v EINGNNYVY	340	>KIT-Y570F-n EINGNNYVF	5067	4727
>KIT-Y570F-v EINGNNYVYI	101	>KIT-Y570F-n EINGNNYVFI	236	135
>KIT-Y570F-v EINGNNYVYI	36	>KIT-Y570F-n EINGNNYVFI	49	13
>KIT-Y570F-v EINGNNYVY	168	>KIT-Y570F-n EINGNNYVF	296	128
>KIT-Y570F-v EINGNNYVY	81	>KIT-Y570F-n EINGNNYVF	3679	3598
>KIT-Y570F-v EEINGNNYVY	76	>KIT-Y570F-n EEINGNNYVF	24	52

>KIT-Y570F-v EEINGNNYVY	179	>KIT-Y570F-n EEINGNNYVF	408	229
>KIT-Y570F-v EEINGNNYVY	134	>KIT-Y570F-n EEINGNNYVF	1286	1152
>KIT-Y570F-v EEINGNNYVY	328	>KIT-Y570F-n EEINGNNYVF	12658	12330
>KIT-Y570F-v EEINGNNYVY	1311	>KIT-Y570F-n EEINGNNYVF	312	999
>KIT-Y570F-v EEINGNNYVY	322	>KIT-Y570F-n EEINGNNYVF	1559	1237
>KIT-Y570F-v EEINGNNYVY	59	>KIT-Y570F-n EEINGNNYVF	58	1
>KIT-Y570F-v EEINGNNYVY	300	>KIT-Y570F-n EEINGNNYVF	224	76
>KIT-Y570F-v EEINGNNYVY	466	>KIT-Y570F-n EEINGNNYVF	232	234
>KIT-Y570F-v EEINGNNYVY	180	>KIT-Y570F-n EEINGNNYVF	265	85
>KIT-Y570F-v EEINGNNYVY	190	>KIT-Y570F-n EEINGNNYVF	163	27
>KIT-Y570F-v EEINGNNYVY	97	>KIT-Y570F-n EEINGNNYVF	84	13
>KIT-Y570F-v EEINGNNYVY	63	>KIT-Y570F-n EEINGNNYVF	55	8
>KIT-Y672S-v YCCYGDLLNF	399	>KIT-Y672S-n SCCYGDLLNF	1574	1175
>KIT-Y672S-v YCCYGDLLNF	476	>KIT-Y672S-n SCCYGDLLNF	1156	680
>KIT-Y672S-v EYCCYGDLLN	106	>KIT-Y672S-n ESCCYGDLLN	10315	10209
>KIT-Y672S-v EYCCYGDLLN	460	>KIT-Y672S-n ESCCYGDLLN	14285	13825
>KIT-Y672S-v EYCCYGDL	155	>KIT-Y672S-n ESCCYGDL	23232	23077
>KIT-Y672S-v EYCCYGDLL	236	>KIT-Y672S-n ESCCYGDLL	24383	24147
>KIT-Y672S-v EYCCYGDLLN	27	>KIT-Y672S-n ESCCYGDLLN	14798	14771
>KIT-Y672S-v EYCCYGDLLN	132	>KIT-Y672S-n ESCCYGDLLN	30	102
>KIT-Y672S-v EYCCYGDLLN	457	>KIT-Y672S-n ESCCYGDLLN	155	302
>KIT-Y672S-v EYCCYGDLLN	21929	>KIT-Y672S-n ESCCYGDLLN	58	21871
>KIT-Y672S-v EYCCYGDL	392	>KIT-Y672S-n ESCCYGDL	12688	12296
>KIT-Y672S-v EYCCYGDLL	294	>KIT-Y672S-n ESCCYGDLL	9601	9307
>KIT-Y672S-v EYCCYGDLLN	233	>KIT-Y672S-n ESCCYGDLLN	6975	6742
>KIT-Y672S-v IGGPTLVITEY	475	>KIT-Y672S-n IGGPTLVITES	31414	30939
>KIT-Y672S-v TEYCCYGDL	127	>KIT-Y672S-n TESCCYGDL	1372	1245
>KIT-Y672S-v TEYCCYGDLL	46	>KIT-Y672S-n TESCCYGDLL	430	384
>KIT-Y672S-v TEYCCYGDL	44	>KIT-Y672S-n TESCCYGDL	52	8
>KIT-Y672S-v TEYCCYGDLL	231	>KIT-Y672S-n TESCCYGDLL	1172	941
>KIT-Y672S-v TEYCCYGDL	271	>KIT-Y672S-n TESCCYGDL	1064	793
>KIT-Y672S-v TEYCCYGDLL	183	>KIT-Y672S-n TESCCYGDLL	327	144
>KIT-Y672S-v TEYCCYGDLL	395	>KIT-Y672S-n TESCCYGDLL	2814	2419
>KIT-Y672S-v TEYCCYGDL	47	>KIT-Y672S-n TESCCYGDL	431	384
>KIT-Y672S-v TEYCCYGDLL	46	>KIT-Y672S-n TESCCYGDLL	59	13
>KIT-Y672S-v ITEYCCYGDLL	404	>KIT-Y672S-n ITESCCYGDLL	416	12
>KIT-Y672S-v ITEYCCYGDLL	83	>KIT-Y672S-n ITESCCYGDLL	37	46
>KIT-Y672S-v ITEYCCYGDLL	22	>KIT-Y672S-n ITESCCYGDLL	16	6
>KIT-Y672S-v VITEYCCYGDI	496	>KIT-Y672S-n VITESCCYGDI	2121	1625
>KIT-Y672S-v VITEYCCYGDI	169	>KIT-Y672S-n VITESCCYGDI	209	40
>KIT-Y672S-v LVITEYCCY	36	>KIT-Y672S-n LVITESCCY	86	50
>KIT-Y672S-v LVITEYCCY	296	>KIT-Y672S-n LVITESCCY	391	95
>KIT-Y672S-v LVITEYCCY	149	>KIT-Y672S-n LVITESCCY	69	80

>KIT-Y672S-v LVITEYCCY	302	>KIT-Y672S-n LVITESCCY	469	167
>KIT-Y672S-v LVITEYCCY	365	>KIT-Y672S-n LVITESCCY	131	234
>KIT-Y672S-v TLVITEYCCY	369	>KIT-Y672S-n TLVITESCCY	870	501
>KIT-Y672S-v TLVITEYC	225	>KIT-Y672S-n TLVITESC	1343	1118
>KIT-Y672S-v TLVITEYC	414	>KIT-Y672S-n TLVITESC	543	129
>KIT-Y672S-v TLVITEYCCY	472	>KIT-Y672S-n TLVITESCCY	522	50
>KIT-Y672S-v TLVITEYCCY	99	>KIT-Y672S-n TLVITESCCY	232	133
>KIT-Y672S-v TLVITEYCCY	800	>KIT-Y672S-n TLVITESCCY	405	395
>KIT-Y672S-v PTLVITEY	186	>KIT-Y672S-n PTLVITES	21649	21463
>KIT-Y672S-v PTLVITEYCCY	461	>KIT-Y672S-n PTLVITESCCY	617	156
>KIT-Y672S-v GPTLVITEY	60	>KIT-Y672S-n GPTLVITES	10341	10281
>KIT-Y672S-v GPTLVITEY	310	>KIT-Y672S-n GPTLVITES	24171	23861
>KIT-Y672S-v GPTLVITEY	31	>KIT-Y672S-n GPTLVITES	13798	13767
>KIT-Y672S-v GGPTLVITEY	303	>KIT-Y672S-n GGPTLVITES	3832	3529
>KIT-Y823C-v YVVKGNARLF	127	>KIT-Y823C-r CVVKGNARLF	3531	3404
>KIT-Y823C-v YVVKGNARL	213	>KIT-Y823C-r CVVKGNARL	2815	2602
>KIT-Y823C-v YVVKGNARLF	357	>KIT-Y823C-r CVVKGNARLF	2825	2468
>KIT-Y823C-v YVVKGNARL	340	>KIT-Y823C-r CVVKGNARL	5230	4890
>KIT-Y823C-v YVVKGNARLF	27	>KIT-Y823C-r CVVKGNARLF	519	492
>KIT-Y823C-v YVVKGNARL	56	>KIT-Y823C-r CVVKGNARL	4162	4106
>KIT-Y823C-v YVVKGNARLF	8	>KIT-Y823C-r CVVKGNARLF	175	167
>KIT-Y823C-v YVVKGNARL	489	>KIT-Y823C-r CVVKGNARL	12339	11850
>KIT-Y823C-v YVVKGNARLF	74	>KIT-Y823C-r CVVKGNARLF	4336	4262
>KIT-Y823C-v YVVKGNARLF	234	>KIT-Y823C-r CVVKGNARLF	4169	3935
>KIT-Y823C-v YVVKGNARLF	90	>KIT-Y823C-r CVVKGNARLF	7416	7326
>KIT-Y823C-v YVVKGNARL	23	>KIT-Y823C-r CVVKGNARL	4899	4876
>KIT-Y823C-v YVVKGNARLF	6	>KIT-Y823C-r CVVKGNARLF	694	688
>KIT-Y823C-v YVVKGNARL	55	>KIT-Y823C-r CVVKGNARL	362	307
>KIT-Y823C-v YVVKGNAR	468	>KIT-Y823C-r CVVKGNAR	479	11
>KIT-Y823C-v YVVKGNAR	426	>KIT-Y823C-r CVVKGNAR	1186	760
>KIT-Y823C-v YVVKGNAR	18	>KIT-Y823C-r CVVKGNAR	105	87
>KIT-Y823C-v YVVKGNARL	110	>KIT-Y823C-r CVVKGNARL	357	247
>KIT-Y823C-v YVVKGNARLF	16	>KIT-Y823C-r CVVKGNARLF	27	11
>KIT-Y823C-v YVVKGNARL	250	>KIT-Y823C-r CVVKGNARL	7679	7429
>KIT-Y823C-v YVVKGNARLF	13	>KIT-Y823C-r CVVKGNARLF	501	488
>KIT-Y823C-v YVVKGNARL	56	>KIT-Y823C-r CVVKGNARL	1730	1674
>KIT-Y823C-v YVVKGNARL	144	>KIT-Y823C-r CVVKGNARL	4009	3865
>KIT-Y823C-v NYVVKGNAR	253	>KIT-Y823C-r NCVVKGNAR	27222	26969
>KIT-Y823C-v NYVVKGNAR	309	>KIT-Y823C-r NCVVKGNAR	24038	23729
>KIT-Y823C-v NYVVKGNAR	170	>KIT-Y823C-r NCVVKGNAR	3289	3119
>KIT-Y823C-v NYVVKGNAR	384	>KIT-Y823C-r NCVVKGNAR	7343	6959
>KIT-Y823C-v LARDIKNDSN	241	>KIT-Y823C-r LARDIKNDSN	31886	31645
>KIT-Y823C-v LARDIKNDSN	387	>KIT-Y823C-r LARDIKNDSN	19520	19133

>KIT-Y823C-v LARDIKNDSN	317	>KIT-Y823C-r LARDIKNDSN	14725	14408
>KIT-Y823C-v LARDIKNDSN	30	>KIT-Y823C-r LARDIKNDSN	13048	13018
>KIT-Y823C-v LARDIKNDSN	176	>KIT-Y823C-r LARDIKNDSN	18746	18570
>KIT-Y823C-v LARDIKNDSN	46	>KIT-Y823C-r LARDIKNDSN	9567	9521
>KIT-Y823C-v SNYVVKGNAI	129	>KIT-Y823C-r SNCVVKGNAI	9696	9567
>KIT-Y823C-v DSNYVVKGN.	76	>KIT-Y823C-r DSNCVVKGN.	107	31
>KIT-Y823C-v DSNYVVKGN.	27	>KIT-Y823C-r DSNCVVKGN.	57	30
>KIT-Y823C-v IKNDSNYV	63	>KIT-Y823C-r IKNDSNCV	81	18
>KIT-Y823C-v IKNDSNYVV	26	>KIT-Y823C-r IKNDSNCVV	33	7
>KIT-Y823C-v IKNDSNYVVK	83	>KIT-Y823C-r IKNDSNCVVK	112	29
>KIT-Y823C-v DIKNDSNY	198	>KIT-Y823C-r DIKNDSNC	17490	17292
>KIT-Y823C-v DIKNDSNY	243	>KIT-Y823C-r DIKNDSNC	31095	30852
>KIT-Y823C-v DIKNDSNY	462	>KIT-Y823C-r DIKNDSNC	32544	32082
>KIT-Y823C-v DIKNDSNYVV	291	>KIT-Y823C-r DIKNDSNCVV	300	9
>KIT-Y823C-v RDIKNDSNYV	394	>KIT-Y823C-r RDIKNDSNCV	713	319
>KIT-Y823C-v RDIKNDSNYV	299	>KIT-Y823C-r RDIKNDSNCV	478	179
>KIT-Y823C-v RDIKNDSNYV	87	>KIT-Y823C-r RDIKNDSNCV	122	35
>KIT-Y823C-v ARDIKNDSNY	420	>KIT-Y823C-r ARDIKNDSNC	32341	31921
>KIT-Y823C-v ARDIKNDSNY	200	>KIT-Y823C-r ARDIKNDSNC	5929	5729
>KIT-Y823D-v YVVKGNARLF	127	>KIT-Y823D-r DVVKGNARLI	14755	14628
>KIT-Y823D-v YVVKGNARL	213	>KIT-Y823D-r DVVKGNARL	16474	16261
>KIT-Y823D-v YVVKGNARLF	357	>KIT-Y823D-r DVVKGNARLI	16083	15726
>KIT-Y823D-v YVVKGNARL	340	>KIT-Y823D-r DVVKGNARL	16498	16158
>KIT-Y823D-v YVVKGNARLF	27	>KIT-Y823D-r DVVKGNARLI	6395	6368
>KIT-Y823D-v YVVKGNARL	56	>KIT-Y823D-r DVVKGNARL	16100	16044
>KIT-Y823D-v YVVKGNARLF	8	>KIT-Y823D-r DVVKGNARLI	3187	3179
>KIT-Y823D-v YVVKGNARL	489	>KIT-Y823D-r DVVKGNARL	19248	18759
>KIT-Y823D-v YVVKGNARLF	74	>KIT-Y823D-r DVVKGNARLI	9874	9800
>KIT-Y823D-v YVVKGNARLF	234	>KIT-Y823D-r DVVKGNARLI	10362	10128
>KIT-Y823D-v YVVKGNARLF	90	>KIT-Y823D-r DVVKGNARLI	7793	7703
>KIT-Y823D-v YVVKGNARL	23	>KIT-Y823D-r DVVKGNARL	11512	11489
>KIT-Y823D-v YVVKGNARLF	6	>KIT-Y823D-r DVVKGNARLI	3476	3470
>KIT-Y823D-v YVVKGNARL	672	>KIT-Y823D-r DVVKGNARL	416	256
>KIT-Y823D-v YVVKGNARL	55	>KIT-Y823D-r DVVKGNARL	47	8
>KIT-Y823D-v YVVKGNAR	468	>KIT-Y823D-r DVVKGNAR	4690	4222
>KIT-Y823D-v YVVKGNAR	426	>KIT-Y823D-r DVVKGNAR	72	354
>KIT-Y823D-v YVVKGNAR	18	>KIT-Y823D-r DVVKGNAR	25	7
>KIT-Y823D-v YVVKGNARL	110	>KIT-Y823D-r DVVKGNARL	167	57
>KIT-Y823D-v YVVKGNARLF	16	>KIT-Y823D-r DVVKGNARLI	21	5
>KIT-Y823D-v YVVKGNARL	250	>KIT-Y823D-r DVVKGNARL	605	355
>KIT-Y823D-v YVVKGNARLF	13	>KIT-Y823D-r DVVKGNARLI	19	6
>KIT-Y823D-v YVVKGNARL	56	>KIT-Y823D-r DVVKGNARL	4703	4647
>KIT-Y823D-v YVVKGNARL	144	>KIT-Y823D-r DVVKGNARL	8304	8160

>KIT-Y823D-\ NYVVKGNAR	253	>KIT-Y823D-r NDVVKGNAR	30175	29922
>KIT-Y823D-\ NYVVKGNAR	309	>KIT-Y823D-r NDVVKGNAR	26237	25928
>KIT-Y823D-\ NYVVKGNAR	170	>KIT-Y823D-r NDVVKGNAR	15284	15114
>KIT-Y823D-\ NYVVKGNAR	384	>KIT-Y823D-r NDVVKGNAR	18012	17628
>KIT-Y823D-\ LARDIKNDSN	241	>KIT-Y823D-r LARDIKNDSN	33819	33578
>KIT-Y823D-\ LARDIKNDSN	387	>KIT-Y823D-r LARDIKNDSN	21933	21546
>KIT-Y823D-\ LARDIKNDSN	317	>KIT-Y823D-r LARDIKNDSN	26960	26643
>KIT-Y823D-\ LARDIKNDSN	30	>KIT-Y823D-r LARDIKNDSN	16494	16464
>KIT-Y823D-\ LARDIKNDSN	176	>KIT-Y823D-r LARDIKNDSN	23359	23183
>KIT-Y823D-\ LARDIKNDSN	46	>KIT-Y823D-r LARDIKNDSN	14853	14807
>KIT-Y823D-\ SNYVVKGNAI	129	>KIT-Y823D-r SNDVVKGNA	8214	8085
>KIT-Y823D-\ DSNYVVKGN.	76	>KIT-Y823D-r DSNDVVKGN	58	18
>KIT-Y823D-\ DSNYVVKGN.	27	>KIT-Y823D-r DSNDVVKGN	45	18
>KIT-Y823D-\ IKNDSNYV	63	>KIT-Y823D-r IKNDSNDV	127	64
>KIT-Y823D-\ IKNDSNYVV	26	>KIT-Y823D-r IKNDSNDVV	118	92
>KIT-Y823D-\ IKNDSNYVVK	83	>KIT-Y823D-r IKNDSNDVVK	364	281
>KIT-Y823D-\ DIKNDSNY	198	>KIT-Y823D-r DIKNDSND	20617	20419
>KIT-Y823D-\ DIKNDSNY	243	>KIT-Y823D-r DIKNDSND	35188	34945
>KIT-Y823D-\ DIKNDSNY	462	>KIT-Y823D-r DIKNDSND	34024	33562
>KIT-Y823D-\ DIKNDSNYVV	291	>KIT-Y823D-r DIKNDSNDV\	356	65
>KIT-Y823D-\ RDIKNDSNYV	394	>KIT-Y823D-r RDIKNDSND\	907	513
>KIT-Y823D-\ RDIKNDSNYV	299	>KIT-Y823D-r RDIKNDSND\	353	54
>KIT-Y823D-\ RDIKNDSNYV	87	>KIT-Y823D-r RDIKNDSND\	119	32
>KIT-Y823D-\ ARDIKNDSNY	420	>KIT-Y823D-r ARDIKNDSNE	32498	32078
>KIT-Y823D-\ ARDIKNDSNY	200	>KIT-Y823D-r ARDIKNDSNE	11212	11012
>KIT-Y823N-\ YVVKGNARLF	127	>KIT-Y823N-r NVVKGNARL	3973	3846
>KIT-Y823N-\ YVVKGNARL	213	>KIT-Y823N-r NVVKGNARL	2816	2603
>KIT-Y823N-\ YVVKGNARLF	357	>KIT-Y823N-r NVVKGNARL	2920	2563
>KIT-Y823N-\ YVVKGNARL	340	>KIT-Y823N-r NVVKGNARL	4917	4577
>KIT-Y823N-\ YVVKGNARLF	27	>KIT-Y823N-r NVVKGNARL	443	416
>KIT-Y823N-\ YVVKGNARL	56	>KIT-Y823N-r NVVKGNARL	2683	2627
>KIT-Y823N-\ YVVKGNARLF	8	>KIT-Y823N-r NVVKGNARL	87	79
>KIT-Y823N-\ YVVKGNARL	489	>KIT-Y823N-r NVVKGNARL	11712	11223
>KIT-Y823N-\ YVVKGNARLF	74	>KIT-Y823N-r NVVKGNARL	4001	3927
>KIT-Y823N-\ YVVKGNARLF	234	>KIT-Y823N-r NVVKGNARL	3232	2998
>KIT-Y823N-\ YVVKGNARLF	90	>KIT-Y823N-r NVVKGNARL	5114	5024
>KIT-Y823N-\ YVVKGNARL	23	>KIT-Y823N-r NVVKGNARL	6272	6249
>KIT-Y823N-\ YVVKGNARLF	6	>KIT-Y823N-r NVVKGNARL	871	865
>KIT-Y823N-\ YVVKGNARL	55	>KIT-Y823N-r NVVKGNARL	261	206
>KIT-Y823N-\ YVVKGNAR	468	>KIT-Y823N-r NVVKGNAR	1240	772
>KIT-Y823N-\ YVVKGNAR	426	>KIT-Y823N-r NVVKGNAR	415	11
>KIT-Y823N-\ YVVKGNAR	18	>KIT-Y823N-r NVVKGNAR	36	18
>KIT-Y823N-\ YVVKGNARL	110	>KIT-Y823N-r NVVKGNARL	76	34

>KIT-Y823N-1 YVVKGNARLF	16	>KIT-Y823N-r NVVKGNARLF	14	2
>KIT-Y823N-1 YVVKGNARL	250	>KIT-Y823N-r NVVKGNARL	539	289
>KIT-Y823N-1 YVVKGNARLF	13	>KIT-Y823N-r NVVKGNARLF	18	5
>KIT-Y823N-1 YVVKGNARL	56	>KIT-Y823N-r NVVKGNARL	3486	3430
>KIT-Y823N-1 YVVKGNARL	144	>KIT-Y823N-r NVVKGNARL	3762	3618
>KIT-Y823N-1 NYVVKGNAR	253	>KIT-Y823N-r NNVVKGNAR	22538	22285
>KIT-Y823N-1 NYVVKGNAR	309	>KIT-Y823N-r NNVVKGNAR	25116	24807
>KIT-Y823N-1 NYVVKGNAR	170	>KIT-Y823N-r NNVVKGNAR	8405	8235
>KIT-Y823N-1 NYVVKGNAR	384	>KIT-Y823N-r NNVVKGNAR	11831	11447
>KIT-Y823N-1 LARDIKNDSN	241	>KIT-Y823N-r LARDIKNDSN	29972	29731
>KIT-Y823N-1 LARDIKNDSN	387	>KIT-Y823N-r LARDIKNDSN	19906	19519
>KIT-Y823N-1 LARDIKNDSN	317	>KIT-Y823N-r LARDIKNDSN	21779	21462
>KIT-Y823N-1 LARDIKNDSN	30	>KIT-Y823N-r LARDIKNDSN	13251	13221
>KIT-Y823N-1 LARDIKNDSN	176	>KIT-Y823N-r LARDIKNDSN	20781	20605
>KIT-Y823N-1 LARDIKNDSN	46	>KIT-Y823N-r LARDIKNDSN	7014	6968
>KIT-Y823N-1 SNYVVKGNAI	129	>KIT-Y823N-r SNNVVKGNA	5066	4937
>KIT-Y823N-1 DSNYVVKGN.	76	>KIT-Y823N-r DSNNVVKGN	94	18
>KIT-Y823N-1 DSNYVVKGN.	27	>KIT-Y823N-r DSNNVVKGN	51	24
>KIT-Y823N-1 IKNDSNYV	63	>KIT-Y823N-r IKNDSNNV	57	6
>KIT-Y823N-1 IKNDSNYVV	26	>KIT-Y823N-r IKNDSNNVV	28	2
>KIT-Y823N-1 IKNDSNYVVK	83	>KIT-Y823N-r IKNDSNNVVK	117	34
>KIT-Y823N-1 DIKNDSNY	198	>KIT-Y823N-r DIKNDSNN	18487	18289
>KIT-Y823N-1 DIKNDSNY	243	>KIT-Y823N-r DIKNDSNN	30080	29837
>KIT-Y823N-1 DIKNDSNY	462	>KIT-Y823N-r DIKNDSNN	30073	29611
>KIT-Y823N-1 DIKNDSNYVV	291	>KIT-Y823N-r DIKNDSNNV	274	17
>KIT-Y823N-1 RDIKNDSNYV	394	>KIT-Y823N-r RDIKNDSNN	740	346
>KIT-Y823N-1 RDIKNDSNYV	299	>KIT-Y823N-r RDIKNDSNN	310	11
>KIT-Y823N-1 RDIKNDSNYV	87	>KIT-Y823N-r RDIKNDSNN	172	85
>KIT-Y823N-1 ARDIKNDSNY	420	>KIT-Y823N-r ARDIKNDSNN	31575	31155
>KIT-Y823N-1 ARDIKNDSNY	200	>KIT-Y823N-r ARDIKNDSNN	7577	7377
>KLF6-E12G-1 ELQIVHET	1552	>KLF6-E12G-1 GLQIVHET	232	1320
>KLF6-E12G-1 ELQIVHET	903	>KLF6-E12G-1 GLQIVHET	116	787
>KLF6-E12G-1 ELQIVHETGY	1046	>KLF6-E12G-1 GLQIVHETGY	352	694
>KLF6-E12G-1 ELQIVHETGYI	1128	>KLF6-E12G-1 GLQIVHETGY	320	808
>KLF6-E12G-1 ELQIVHETGY	582	>KLF6-E12G-1 GLQIVHETGY	477	105
>KLF6-E12G-1 QELQIVHET	116	>KLF6-E12G-1 QGLQIVHET	24290	24174
>KLF6-E12G-1 QELQIVHET	423	>KLF6-E12G-1 QGLQIVHET	25555	25132
>KLF6-E12G-1 QELQIVHETG	49	>KLF6-E12G-1 QGLQIVHETC	12383	12334
>KLF6-E12G-1 QELQIVHET	138	>KLF6-E12G-1 QGLQIVHET	36646	36508
>KLF6-E12G-1 QELQIVHETG	445	>KLF6-E12G-1 QGLQIVHETC	20553	20108
>KLF6-E12G-1 QELQIVHETG	77	>KLF6-E12G-1 QGLQIVHETC	28834	28757
>KLF6-E12G-1 QELQIVHET	24	>KLF6-E12G-1 QGLQIVHET	34141	34117
>KLF6-E12G-1 QELQIVHET	204	>KLF6-E12G-1 QGLQIVHET	34055	33851



>KLF6-E12G- SIFQELQI	601	>KLF6-E12G- SIFQGLQI	498	103
>KLF6-E12G- SIFQELQIV	135	>KLF6-E12G- SIFQGLQIV	84	51
>KLF6-E12G- SIFQELQI	396	>KLF6-E12G- SIFQGLQI	555	159
>KLF6-E12G- SIFQELQIV	79	>KLF6-E12G- SIFQGLQIV	128	49
>KLF6-E12G- SIFQELQI	488	>KLF6-E12G- SIFQGLQI	174	314
>KLF6-E12G- SIFQELQIV	33	>KLF6-E12G- SIFQGLQIV	14	19
>KLF6-E12G- SIFQELQI	440	>KLF6-E12G- SIFQGLQI	239	201
>KLF6-E12G- SIFQELQIV	33	>KLF6-E12G- SIFQGLQIV	14	19
>KLF6-E12G- SIFQELQI	62	>KLF6-E12G- SIFQGLQI	27	35
>KLF6-E12G- SIFQELQIV	14	>KLF6-E12G- SIFQGLQIV	7	7
>KLF6-E12G- SIFQELQIV	126	>KLF6-E12G- SIFQGLQIV	82	44
>KLF6-E12G- SIFQELQI	106	>KLF6-E12G- SIFQGLQI	59	47
>KLF6-E12G- SIFQELQIV	14	>KLF6-E12G- SIFQGLQIV	9	5
>KLF6-E12G- SIFQELQI	120	>KLF6-E12G- SIFQGLQI	52	68
>KLF6-E12G- SIFQELQIV	5	>KLF6-E12G- SIFQGLQIV	3	2
>KLF6-E12G- SIFQELQI	154	>KLF6-E12G- SIFQGLQI	131	23
>KLF6-E12G- SIFQELQIV	932	>KLF6-E12G- SIFQGLQIV	236	696
>KLF6-E12G- SIFQELQI	548	>KLF6-E12G- SIFQGLQI	191	357
>KLF6-E12G- CSIFQELQI	360	>KLF6-E12G- CSIFQGLQI	110	250
>KLF6-E12G- CSIFQELQI	387	>KLF6-E12G- CSIFQGLQI	899	512
>KLF6-E12G- CSIFQELQI	47	>KLF6-E12G- CSIFQGLQI	26	21
>KLF6-E12G- MCSIFQEL	147	>KLF6-E12G- MCSIFQGL	374	227
>KLF6-E12G- MCSIFQELQI	400	>KLF6-E12G- MCSIFQGLQI	816	416
>KLF6-E12G- MCSIFQEL	461	>KLF6-E12G- MCSIFQGL	552	91
>KLF6-E12G- PMCSIFQEL	122	>KLF6-E12G- PMCSIFQGL	209	87
>KLF6-E12G- PMCSIFQEL	118	>KLF6-E12G- PMCSIFQGL	118	0
>KLF6-E12G- PMCSIFQELQ	367	>KLF6-E12G- PMCSIFQGLC	261	106
>KLF6-E12G- PMCSIFQEL	61	>KLF6-E12G- PMCSIFQGL	89	28
>KLF6-E12G- LPMCSIFQEL	15	>KLF6-E12G- LPMCSIFQGL	89	74
>KLF6-E12G- LPMCSIFQEL	554	>KLF6-E12G- LPMCSIFQGL	309	245
>KLF6-E12G- LPMCSIFQEL	62	>KLF6-E12G- LPMCSIFQGL	55	7
>KLF6-E12G- LPMCSIFQEL	477	>KLF6-E12G- LPMCSIFQGL	1098	621
>KLF6-E12G- LPMCSIFQEL	76	>KLF6-E12G- LPMCSIFQGL	177	101
>KLF6-E12G- LPMCSIFQEL	98	>KLF6-E12G- LPMCSIFQGL	161	63
>KLF6-E12G- LPMCSIFQE	207	>KLF6-E12G- LPMCSIFQG	66	141
>KLF6-E12G- LPMCSIFQEL	561	>KLF6-E12G- LPMCSIFQGL	464	97
>KLF6-E12G- LPMCSIFQEL	514	>KLF6-E12G- LPMCSIFQGL	225	289
>KLF6-E12G- LPMCSIFQEL	67	>KLF6-E12G- LPMCSIFQGL	465	398
>KLF6-E12G- VLPMCSIFQE	105	>KLF6-E12G- VLPMCSIFQG	204	99
>KLF6-E12G- VLPMCSIFQE	41	>KLF6-E12G- VLPMCSIFQG	59	18
>KLF6-E12G- VLPMCSIFQE	126	>KLF6-E12G- VLPMCSIFQG	100	26
>KLF6-E12G- VLPMCSIFQE	222	>KLF6-E12G- VLPMCSIFQG	138	84
>KLF6-E12G- VLPMCSIFQE	32	>KLF6-E12G- VLPMCSIFQG	30	2

>KLF6-E12G-VLPMCSIFQE	158	>KLF6-E12G-VLPMCSIFQG	116	42
>KLF6-E12G-VLPMCSIFQE	40	>KLF6-E12G-VLPMCSIFQG	46	6
>KLF6-E12G-VLPMCSIFQE	108	>KLF6-E12G-VLPMCSIFQG	55	53
>KLF6-E12G-VLPMCSIFQE	5	>KLF6-E12G-VLPMCSIFQG	5	0
>KLF6-E12G-VLPMCSIFQE	28	>KLF6-E12G-VLPMCSIFQG	22	6
>KLF6-K124RKFTSDPIGEVI	568	>KLF6-K124RFTSDPIGEVI	110	458
>KLF6-K124RKFTSDPIGEVI	256	>KLF6-K124RFTSDPIGEVI	656	400
>KLF6-K124RAKFTSDPI	8	>KLF6-K124RARFTSDPI	52	44
>KLF6-K124RAKFTSDPIGEV	31	>KLF6-K124RARFTSDPIGEV	237	206
>KLF6-K124RAKFTSDPI	9441	>KLF6-K124RARFTSDPI	102	9339
>KLF6-K124RAKFTSDPIGEV	14305	>KLF6-K124RARFTSDPIGEV	346	13959
>KLF6-K124RAKFTSDPIG	5425	>KLF6-K124RARFTSDPIG	392	5033
>KLF6-K124RAKFTSDPI	457	>KLF6-K124RARFTSDPI	1600	1143
>KLF6-K124RDSSEELSPTAF	1850	>KLF6-K124RDSSEELSPTAF	59	1791
>KLF6-K124RDSSEELSPTAF	135	>KLF6-K124RDSSEELSPTAF	35	100
>KLF6-K124RTAKFTSDPI	352	>KLF6-K124RTARFTSDPI	50	302
>KLF6-K124RTAKFTSDPI	306	>KLF6-K124RTARFTSDPI	988	682
>KLF6-K124RPTAKFTSDPI	683	>KLF6-K124RPTARFTSDPI	393	290
>KLF6-K124RPTAKFTSDPI	529	>KLF6-K124RPTARFTSDPI	273	256
>KLF6-K124RSPTAKFTSDPI	847	>KLF6-K124RSPTARFTSDPI	448	399
>KLF6-K124RSPTAKFTSDPI	43	>KLF6-K124RSPTARFTSDPI	28	15
>KLF6-K124RSPTAKFTSDPI	694	>KLF6-K124RSPTARFTSDPI	475	219
>KLF6-K124RSPTAKFTSDPI	562	>KLF6-K124RSPTARFTSDPI	474	88
>KLF6-K124RLSPTAKFT	932	>KLF6-K124RLSPTARFT	247	685
>KLF6-K124RLSPTAKFTS	463	>KLF6-K124RLSPTARFTS	153	310
>KLF6-K124RELSPTAKF	491	>KLF6-K124RELSPTARF	813	322
>KLF6-K124REELSPTAKFT	429	>KLF6-K124REELSPTARFT	879	450
>KLF6-K124REELSPTAKF	979	>KLF6-K124REELSPTARF	473	506
>KLF6-K124REELSPTAKF	320	>KLF6-K124REELSPTARF	649	329
>KLF6-K124REELSPTAKF	422	>KLF6-K124REELSPTARF	1367	945
>KLF6-K124REELSPTAKF	211	>KLF6-K124REELSPTARF	233	22
>KLF6-K124REELSPTAKF	115	>KLF6-K124REELSPTARF	102	13
>KLF6-K124REELSPTAKFTS	238	>KLF6-K124REELSPTARFTS	173	65
>KLF6-K124REELSPTAKF	325	>KLF6-K124REELSPTARF	551	226
>KLF6-K124RSEELSPTAKFT	114	>KLF6-K124RSEELSPTARFT	181	67
>KLF6-K124RSEELSPTAKF	65	>KLF6-K124RSEELSPTARF	88	23
>KLF6-K124RSEELSPTAKF	92	>KLF6-K124RSEELSPTARF	145	53
>KLF6-K124RSEELSPTAKFT	179	>KLF6-K124RSEELSPTARFT	140	39
>KLF6-K124RSEELSPTAKF	380	>KLF6-K124RSEELSPTARF	862	482
>KLF6-K124RSSEELSPTAK	91	>KLF6-K124RSSEELSPTAR	1196	1105
>KLF6-K124RSSEELSPTAK	838	>KLF6-K124RSSEELSPTAR	247	591
>KLF6-K124RSSEELSPTAKF	7	>KLF6-K124RSSEELSPTARF	6	1
>KLF6-K124RSSEELSPTAKF	273	>KLF6-K124RSSEELSPTARF	357	84

>KLF6-K124R SSEELSPTAKF	57	>KLF6-K124R SSEELSPTARF	39	18
>KLF6-K124R SSEELSPTAK	437	>KLF6-K124R SSEELSPTAR	755	318
>KLF6-S77F-v SELKISS	730	>KLF6-S77F-r FELKISS	320	410
>KLF6-S77F-v IILAREKKEES	24936	>KLF6-S77F-r IILAREKKEEF	440	24496
>KLF6-S77F-v EESELKIS	739	>KLF6-S77F-r EEFELKIS	494	245
>KLF6-S77F-v EESELKISS	1060	>KLF6-S77F-r EEFELKISS	139	921
>KLF6-S77F-v EESELKISS	1684	>KLF6-S77F-r EEFELKISS	167	1517
>KLF6-S77F-v EESELKIS	2285	>KLF6-S77F-r EEFELKIS	352	1933
>KLF6-S77F-v EESELKISS	2354	>KLF6-S77F-r EEFELKISS	368	1986
>KLF6-S77F-v EESELKISS	204	>KLF6-S77F-r EEFELKISS	283	79
>KLF6-S77F-v EESELKISS	708	>KLF6-S77F-r EEFELKISS	366	342
>KLF6-S77F-v KEESELKI	1305	>KLF6-S77F-r KEEFELKI	453	852
>KLF6-S77F-v KEESELKI	232	>KLF6-S77F-r KEEFELKI	179	53
>KLF6-S77F-v REKKEESEL	426	>KLF6-S77F-r REKKEEFEL	74	352
>KLF6-S77F-v REKKEESELKI	540	>KLF6-S77F-r REKKEEFELKI	300	240
>KLF6-S77F-v REKKEESEL	82	>KLF6-S77F-r REKKEEFEL	43	39
>KLF6-S77F-v REKKEESELKI	279	>KLF6-S77F-r REKKEEFELKI	173	106
>KLF6-S77F-v REKKEESEL	94	>KLF6-S77F-r REKKEEFEL	32	62
>KLF6-S77F-v REKKEESELKI	10	>KLF6-S77F-r REKKEEFELKI	8	2
>KLF6-S77F-v LAREKKEES	26985	>KLF6-S77F-r LAREKKEEF	282	26703
>KLF6-S77F-v LAREKKEES	17599	>KLF6-S77F-r LAREKKEEF	21	17578
>KLF6-S77F-v LAREKKEESEL	91	>KLF6-S77F-r LAREKKEEFEL	118	27
>KLF6-S77F-v ILAREKKEES	21098	>KLF6-S77F-r ILAREKKEEF	161	20937
>KLF6-S77F-v ILAREKKEES	2054	>KLF6-S77F-r ILAREKKEEF	101	1953
>KLF6-S77F-v ILAREKKEES	240	>KLF6-S77F-r ILAREKKEEF	17	223
>KLF6-S77F-v ILAREKKEES	951	>KLF6-S77F-r ILAREKKEEF	258	693
>KLF6-S77F-v ILAREKKEES	6898	>KLF6-S77F-r ILAREKKEEF	336	6562
>KLF6-S77F-v ILAREKKEES	5595	>KLF6-S77F-r ILAREKKEEF	105	5490
>KLF6-S77F-v ILAREKKEES	6907	>KLF6-S77F-r ILAREKKEEF	207	6700
>KLF6-S77F-v ILAREKKEES	3259	>KLF6-S77F-r ILAREKKEEF	68	3191
>KLF6-S77F-v ILAREKKEES	4978	>KLF6-S77F-r ILAREKKEEF	365	4613
>KLF6-S77F-v ILAREKKEES	1057	>KLF6-S77F-r ILAREKKEEF	62	995
>KLF6-S77F-v ILAREKKEES	18619	>KLF6-S77F-r ILAREKKEEF	72	18547
>KLF6-S77F-v ILAREKKEES	10732	>KLF6-S77F-r ILAREKKEEF	156	10576
>KLF6-S77F-v ILAREKKEES	5900	>KLF6-S77F-r ILAREKKEEF	441	5459
>KLF6-S77F-v ILAREKKEES	16677	>KLF6-S77F-r ILAREKKEEF	9	16668
>KLF6-S77F-v ILAREKKEES	18	>KLF6-S77F-r ILAREKKEEF	1284	1266
>KLF6-S77F-v ILAREKKEES	389	>KLF6-S77F-r ILAREKKEEF	18518	18129
>KLF6-S77F-v ILAREKKEES	89	>KLF6-S77F-r ILAREKKEEF	12843	12754
>KLF6-S77F-v ILAREKKEES	249	>KLF6-S77F-r ILAREKKEEF	25408	25159
>KLF6-S77F-v ILAREKKEES	6980	>KLF6-S77F-r ILAREKKEEF	57	6923
>KLF6-S77F-v ILAREKKEES	7984	>KLF6-S77F-r ILAREKKEEF	378	7606
>KLF6-S77F-v ILAREKKEES	125	>KLF6-S77F-r ILAREKKEEF	9638	9513

>KLLK2-P237S LPEKPAVY	181	>KLLK2-P237S LSEKPAVY	17385	17204
>KLLK2-P237S ALPEKPAV	52	>KLLK2-P237S ALSEKPAV	28	24
>KLLK2-P237S ALPEKPAV	85	>KLLK2-P237S ALSEKPAV	14	71
>KLLK2-P237S ALPEKPAVYT	554	>KLLK2-P237S ALSEKPAVYT	139	415
>KLLK2-P237S ALPEKPAV	13	>KLLK2-P237S ALSEKPAV	7	6
>KLLK2-P237S ALPEKPAVYT	669	>KLLK2-P237S ALSEKPAVYT	210	459
>KLLK2-P237S ALPEKPAV	54	>KLLK2-P237S ALSEKPAV	56	2
>KLLK2-P237S ALPEKPAV	3	>KLLK2-P237S ALSEKPAV	3	0
>KLLK2-P237S ALPEKPAVYT	28	>KLLK2-P237S ALSEKPAVYT	31	3
>KLLK2-P237S ALPEKPAV	15	>KLLK2-P237S ALSEKPAV	8	7
>KLLK2-P237S ALPEKPAV	7	>KLLK2-P237S ALSEKPAV	6	1
>KLLK2-P237S ALPEKPAVYT	409	>KLLK2-P237S ALSEKPAVYT	301	108
>KLLK2-P237S ALPEKPAV	20	>KLLK2-P237S ALSEKPAV	6	14
>KLLK2-P237S ALPEKPAVYT	2131	>KLLK2-P237S ALSEKPAVYT	382	1749
>KLLK2-P237S ALPEKPAV	3	>KLLK2-P237S ALSEKPAV	2	1
>KLLK2-P237S ALPEKPAVYT	42	>KLLK2-P237S ALSEKPAVYT	29	13
>KLLK2-P237S ALPEKPAVYT	360	>KLLK2-P237S ALSEKPAVYT	238	122
>KLLK2-P237S ALPEKPAVYT	508	>KLLK2-P237S ALSEKPAVYT	90	418
>KLLK2-P237S ALPEKPAVYT	613	>KLLK2-P237S ALSEKPAVYT	57	556
>KLLK2-P237S ALPEKPAVY	709	>KLLK2-P237S ALSEKPAVY	95	614
>KLLK2-P237S ALPEKPAVY	497	>KLLK2-P237S ALSEKPAVY	113	384
>KLLK2-P237S CALPEKPAVY	707	>KLLK2-P237S CALSEKPAVY	443	264
>KLLK2-P237S CALPEKPAVY	50	>KLLK2-P237S CALSEKPAVY	265	215
>KLLK2-P237S WGPEPCALP	432	>KLLK2-P237S WGPEPCALS	1428	996
>KLLK2-P57S-1 PQWVLTAH	2567	>KLLK2-P57S-1 SQWVLTAH	350	2217
>KLLK2-P57S-1 PQWVLTA	9175	>KLLK2-P57S-1 SQWVLTA	260	8915
>KLLK2-P57S-1 PQWVLTAH	8772	>KLLK2-P57S-1 SQWVLTAH	177	8595
>KLLK2-P57S-1 PQWVLTA	1228	>KLLK2-P57S-1 SQWVLTA	29	1199
>KLLK2-P57S-1 PQWVLTAH	4372	>KLLK2-P57S-1 SQWVLTAH	69	4303
>KLLK2-P57S-1 PQWVLTAH	7910	>KLLK2-P57S-1 SQWVLTAH	367	7543
>KLLK2-P57S-1 PQWVLTAH	4739	>KLLK2-P57S-1 SQWVLTAH	140	4599
>KLLK2-P57S-1 PQWVLTAH	8669	>KLLK2-P57S-1 SQWVLTAH	491	8178
>KLLK2-P57S-1 PQWVLTA	1519	>KLLK2-P57S-1 SQWVLTA	257	1262
>KLLK2-P57S-1 PQWVLTAH	878	>KLLK2-P57S-1 SQWVLTAH	193	685
>KLLK2-P57S-1 PQWVLTAH	481	>KLLK2-P57S-1 SQWVLTAH	55	426
>KLLK2-P57S-1 PQWVLTAH	1789	>KLLK2-P57S-1 SQWVLTAH	38	1751
>KLLK2-P57S-1 PQWVLTAH	2758	>KLLK2-P57S-1 SQWVLTAH	124	2634
>KLLK2-P57S-1 HPQWVLTA	33	>KLLK2-P57S-1 HSQWVLTA	16459	16426
>KLLK2-P57S-1 HPQWVLTA	197	>KLLK2-P57S-1 HSQWVLTA	12252	12055
>KLLK2-P57S-1 HPQWVLTA	55	>KLLK2-P57S-1 HSQWVLTA	7170	7115
>KLLK2-P57S-1 HPQWVLTA	80	>KLLK2-P57S-1 HSQWVLTA	21866	21786
>KLLK2-P57S-1 HPQWVLTA	12	>KLLK2-P57S-1 HSQWVLTA	9744	9732
>KLLK2-P57S-1 LVHPQWVLT	141	>KLLK2-P57S-1 LVHSQWVLT	134	7

>KLLK2-P57S-1 LVHPQWVL	314	>KLLK2-P57S-1 LVHSQWVL	651	337
>KLLK2-P57S-1 LVHPQWVLT	71	>KLLK2-P57S-1 LVHSQWVLT	195	124
>KLLK2-P57S-1 LVHPQWVL	385	>KLLK2-P57S-1 LVHSQWVL	569	184
>KLLK2-P57S-1 LVHPQWVL	41	>KLLK2-P57S-1 LVHSQWVL	90	49
>KLLK2-P57S-1 LVHPQWVLT	167	>KLLK2-P57S-1 LVHSQWVLT	497	330
>KLLK2-P57S-1 LVHPQWVL	471	>KLLK2-P57S-1 LVHSQWVL	601	130
>KLLK2-P57S-1 LVHPQWVLT	321	>KLLK2-P57S-1 LVHSQWVLT	631	310
>KLLK2-P57S-1 LVHPQWVLT	46	>KLLK2-P57S-1 LVHSQWVLT	62	16
>KLLK2-P57S-1 LVHPQWVLT	135	>KLLK2-P57S-1 LVHSQWVLT	202	67
>KLLK2-P57S-1 VLVHPQWV	82	>KLLK2-P57S-1 VLVHSQWV	63	19
>KLLK2-P57S-1 VLVHPQWVL	168	>KLLK2-P57S-1 VLVHSQWVL	98	70
>KLLK2-P57S-1 VLVHPQWVL	289	>KLLK2-P57S-1 VLVHSQWVL	196	93
>KLLK2-P57S-1 VLVHPQWV	48	>KLLK2-P57S-1 VLVHSQWV	15	33
>KLLK2-P57S-1 VLVHPQWVL	91	>KLLK2-P57S-1 VLVHSQWVL	22	69
>KLLK2-P57S-1 VLVHPQWVL	1143	>KLLK2-P57S-1 VLVHSQWVL	470	673
>KLLK2-P57S-1 VLVHPQWV	13	>KLLK2-P57S-1 VLVHSQWV	8	5
>KLLK2-P57S-1 VLVHPQWVL	580	>KLLK2-P57S-1 VLVHSQWVL	151	429
>KLLK2-P57S-1 VLVHPQWVL	98	>KLLK2-P57S-1 VLVHSQWVL	45	53
>KLLK2-P57S-1 VLVHPQWV	86	>KLLK2-P57S-1 VLVHSQWV	30	56
>KLLK2-P57S-1 VLVHPQWVL	127	>KLLK2-P57S-1 VLVHSQWVL	66	61
>KLLK2-P57S-1 VLVHPQWVL	556	>KLLK2-P57S-1 VLVHSQWVL	341	215
>KLLK2-P57S-1 VLVHPQWV	3	>KLLK2-P57S-1 VLVHSQWV	4	1
>KLLK2-P57S-1 VLVHPQWVL	6	>KLLK2-P57S-1 VLVHSQWVL	11	5
>KLLK2-P57S-1 VLVHPQWVL	433	>KLLK2-P57S-1 VLVHSQWVL	856	423
>KLLK2-P57S-1 VLVHPQWVL	11	>KLLK2-P57S-1 VLVHSQWVL	19	8
>KLLK2-P57S-1 VLVHPQWV	19	>KLLK2-P57S-1 VLVHSQWV	13	6
>KLLK2-P57S-1 VLVHPQWVL	11	>KLLK2-P57S-1 VLVHSQWVL	7	4
>KLLK2-P57S-1 VLVHPQWVL	75	>KLLK2-P57S-1 VLVHSQWVL	45	30
>KLLK2-P57S-1 VLVHPQWV	10	>KLLK2-P57S-1 VLVHSQWV	9	1
>KLLK2-P57S-1 VLVHPQWVL	29	>KLLK2-P57S-1 VLVHSQWVL	23	6
>KLLK2-P57S-1 VLVHPQWVL	69	>KLLK2-P57S-1 VLVHSQWVL	54	15
>KLLK2-P57S-1 VLVHPQWV	29	>KLLK2-P57S-1 VLVHSQWV	21	8
>KLLK2-P57S-1 VLVHPQWVL	102	>KLLK2-P57S-1 VLVHSQWVL	56	46
>KLLK2-P57S-1 VLVHPQWV	2	>KLLK2-P57S-1 VLVHSQWV	2	0
>KLLK2-P57S-1 VLVHPQWVL	5	>KLLK2-P57S-1 VLVHSQWVL	4	1
>KLLK2-P57S-1 VLVHPQWVL	123	>KLLK2-P57S-1 VLVHSQWVL	112	11
>KLLK2-P57S-1 VLVHPQWVL	9	>KLLK2-P57S-1 VLVHSQWVL	7	2
>KLLK2-P57S-1 VLVHPQWVL	527	>KLLK2-P57S-1 VLVHSQWVL	232	295
>KLLK2-P57S-1 GVLVHPQWV	282	>KLLK2-P57S-1 GVLVHSQWV	340	58
>KLLK2-P57S-1 GVLVHPQWV	660	>KLLK2-P57S-1 GVLVHSQWV	71	589
>KLLK2-P57S-1 GVLVHPQWV	49	>KLLK2-P57S-1 GVLVHSQWV	116	67
>KLLK2-P57S-1 GVLVHPQWV	356	>KLLK2-P57S-1 GVLVHSQWV	690	334
>KLLK2-P57S-1 GVLVHPQWV	502	>KLLK2-P57S-1 GVLVHSQWV	285	217

>KLN2-P57S-1 GVLVHPQWV	387	>KLN2-P57S-1 GVLVHSQWV	225	162
>KLN2-P57S-1 GVLVHPQWV	118	>KLN2-P57S-1 GVLVHSQWV	81	37
>KLN2-P57S-1 GVLVHPQWV	44	>KLN2-P57S-1 GVLVHSQWV	31	13
>KLN2-P57S-1 GVLVHPQWV	483	>KLN2-P57S-1 GVLVHSQWV	394	89
>KLN2-P57S-1 GVLVHPQW	91	>KLN2-P57S-1 GVLVHSQW	51	40
>KLN2-P57S-1 GVLVHPQW	63	>KLN2-P57S-1 GVLVHSQW	98	35
>KLN2-P57S-1 GGVLVHPQM	106	>KLN2-P57S-1 GGVLVHSQM	264	158
>KLN2-P57S-1 GGVLVHPQM	4769	>KLN2-P57S-1 GGVLVHSQM	164	4605
>KLN2-P57S-1 CGGVLVHPQ	73	>KLN2-P57S-1 CGGVLVHSQ	97	24
>KLN2-P57S-1 HCGGVLVHP	465	>KLN2-P57S-1 HCGGVLVHS	862	397
>KRAS-A11P- GAGGVGKSA	23096	>KRAS-A11P- GPGGVGKSA	285	22811
>KRAS-A11P- MTEYKLVVV	78	>KRAS-A11P- MTEYKLVVV	7068	6990
>KRAS-A11P- VVGAGGVGK	326	>KRAS-A11P- VVGPGGVGK	530	204
>KRAS-A11P- VVGAGGVGK	89	>KRAS-A11P- VVGPGGVGK	83	6
>KRAS-A11P- VVGAGGV	117	>KRAS-A11P- VVGPGGV	183	66
>KRAS-A11P- VVGAGGV	68	>KRAS-A11P- VVGPGGV	248	180
>KRAS-A11P- VVGAGGV	139	>KRAS-A11P- VVGPGGV	41	98
>KRAS-A11P- VVGAGGV	23	>KRAS-A11P- VVGPGGV	29	6
>KRAS-A11P- VVGAGGVG	76	>KRAS-A11P- VVGPGGVG	105	29
>KRAS-A11P- VVGAGGVG	101	>KRAS-A11P- VVGPGGVG	131	30
>KRAS-A11P- VVGAGGVG	203	>KRAS-A11P- VVGPGGVG	152	51
>KRAS-A11P- VVGAGGV	191	>KRAS-A11P- VVGPGGV	150	41
>KRAS-A11P- LVVVGAGGV	180	>KRAS-A11P- LVVVGPGGV	101	79
>KRAS-A11P- LVVVGAGGV	55	>KRAS-A11P- LVVVGPGGV	331	276
>KRAS-A11P- LVVVGAGGV	1068	>KRAS-A11P- LVVVGPGGV	363	705
>KRAS-A11P- LVVVGAGGV	75	>KRAS-A11P- LVVVGPGGV	125	50
>KRAS-A11P- LVVVGAGGV	572	>KRAS-A11P- LVVVGPGGV	467	105
>KRAS-A11P- LVVVGAGGV	284	>KRAS-A11P- LVVVGPGGV	489	205
>KRAS-A11P- LVVVGAGGV	154	>KRAS-A11P- LVVVGPGGV	194	40
>KRAS-A11P- LVVVGAGGV	159	>KRAS-A11P- LVVVGPGGV	332	173
>KRAS-A11P- KLVVVGAGG	392	>KRAS-A11P- KLVVVGPGG	265	127
>KRAS-A11P- KLVVVGAGG	35	>KRAS-A11P- KLVVVGPGG	16	19
>KRAS-A11P- KLVVVGAGG	661	>KRAS-A11P- KLVVVGPGG	352	309
>KRAS-A11P- KLVVVGAGG	6	>KRAS-A11P- KLVVVGPGG	4	2
>KRAS-A11P- KLVVVGAGG	17	>KRAS-A11P- KLVVVGPGG	21	4
>KRAS-A11P- KLVVVGAGG	14	>KRAS-A11P- KLVVVGPGG	12	2
>KRAS-A11P- KLVVVGAGG	121	>KRAS-A11P- KLVVVGPGG	99	22
>KRAS-A11P- KLVVVGAGG	6	>KRAS-A11P- KLVVVGPGG	7	1
>KRAS-A11P- YKLVVVGAG	423	>KRAS-A11P- YKLVVVGPG	843	420
>KRAS-A11P- YKLVVVGAG	220	>KRAS-A11P- YKLVVVGPG	131	89
>KRAS-A11P- YKLVVVGAG	423	>KRAS-A11P- YKLVVVGPG	1347	924
>KRAS-A11P- TEYKLVVVG	303	>KRAS-A11P- TEYKLVVVGPG	638	335
>KRAS-A11P- TEYKLVVVG	68	>KRAS-A11P- TEYKLVVVGPG	858	790

>KRAS-A11V-MTEYKLVVVC	2436	>KRAS-A11V-MTEYKLVVVC	176	2260
>KRAS-A11V-MTEYKLVVVC	78	>KRAS-A11V-MTEYKLVVVC	14	64
>KRAS-A11V-MTEYKLVVVC	5963	>KRAS-A11V-MTEYKLVVVC	282	5681
>KRAS-A11V-VVGAGGVGK	326	>KRAS-A11V-VVGAGGVGK	958	632
>KRAS-A11V-VVGAGGVGK	89	>KRAS-A11V-VVGAGGVGK	194	105
>KRAS-A11V-VVVGAGGV	117	>KRAS-A11V-VVVGAGGV	54	63
>KRAS-A11V-VVVGAGGV	68	>KRAS-A11V-VVVGAGGV	52	16
>KRAS-A11V-VVVGAGGV	139	>KRAS-A11V-VVVGAGGV	23	116
>KRAS-A11V-VVVGAGGV	707	>KRAS-A11V-VVVGAGGV	221	486
>KRAS-A11V-VVVGAGGV	23	>KRAS-A11V-VVVGAGGV	23	0
>KRAS-A11V-VVVGAGGVG	76	>KRAS-A11V-VVVGAGGVG	85	9
>KRAS-A11V-VVVGAGGVG	101	>KRAS-A11V-VVVGAGGVG	144	43
>KRAS-A11V-VVVGAGGVG	203	>KRAS-A11V-VVVGAGGVG	115	88
>KRAS-A11V-VVVGAGGV	191	>KRAS-A11V-VVVGAGGV	92	99
>KRAS-A11V-LVVVGAGGV	180	>KRAS-A11V-LVVVGAGGV	38	142
>KRAS-A11V-LVVVGAGGV	55	>KRAS-A11V-LVVVGAGGV	34	21
>KRAS-A11V-LVVVGAGGV	1068	>KRAS-A11V-LVVVGAGGV	198	870
>KRAS-A11V-LVVVGAGGV	75	>KRAS-A11V-LVVVGAGGV	35	40
>KRAS-A11V-LVVVGAGGV	284	>KRAS-A11V-LVVVGAGGV	320	36
>KRAS-A11V-LVVVGAGGV	154	>KRAS-A11V-LVVVGAGGV	86	68
>KRAS-A11V-LVVVGAGGV	159	>KRAS-A11V-LVVVGAGGV	211	52
>KRAS-A11V-KLVVVGAGG'	392	>KRAS-A11V-KLVVVGAGG'	309	83
>KRAS-A11V-KLVVVGAGG'	35	>KRAS-A11V-KLVVVGAGG'	21	14
>KRAS-A11V-KLVVVGAGG'	661	>KRAS-A11V-KLVVVGAGG'	241	420
>KRAS-A11V-KLVVVGAGG'	6	>KRAS-A11V-KLVVVGAGG'	3	3
>KRAS-A11V-KLVVVGAGG'	17	>KRAS-A11V-KLVVVGAGG'	13	4
>KRAS-A11V-KLVVVGAGG'	14	>KRAS-A11V-KLVVVGAGG'	10	4
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>KRAS-A11V-KLVVVGAGG'	6	>KRAS-A11V-KLVVVGAGG'	5	1
>KRAS-A11V-YKLVVVGAG	1077	>KRAS-A11V-YKLVVVGAG	125	952
>KRAS-A11V-YKLVVVGAGC	423	>KRAS-A11V-YKLVVVGAGC	406	17
>KRAS-A11V-YKLVVVGAG	1649	>KRAS-A11V-YKLVVVGAG	40	1609
>KRAS-A11V-YKLVVVGAGC	220	>KRAS-A11V-YKLVVVGAGC	118	102
>KRAS-A11V-YKLVVVGAG	3551	>KRAS-A11V-YKLVVVGAG	60	3491
>KRAS-A11V-YKLVVVGAGC	662	>KRAS-A11V-YKLVVVGAGC	329	333
>KRAS-A11V-YKLVVVGAG	423	>KRAS-A11V-YKLVVVGAG	85	338
>KRAS-A11V-YKLVVVGAG	14621	>KRAS-A11V-YKLVVVGAG	287	14334
>KRAS-A11V-TEYKLVVVGAG	691	>KRAS-A11V-TEYKLVVVGAG	20	671
>KRAS-A11V-TEYKLVVVGAG	303	>KRAS-A11V-TEYKLVVVGAG	147	156
>KRAS-A11V-TEYKLVVVGAG	556	>KRAS-A11V-TEYKLVVVGAG	449	107
>KRAS-A11V-TEYKLVVVGAG	68	>KRAS-A11V-TEYKLVVVGAG	203	135
>KRAS-A11V-TEYKLVVVGAG	1012	>KRAS-A11V-TEYKLVVVGAG	43	969
>KRAS-A146F AKTRQGVDD	19	>KRAS-A146F PKTRQGVDD	165	146

>KRAS-A146F SAKTRQGV	318	>KRAS-A146F SPKTRQGV	15294	14976
>KRAS-A146F SAKTRQGV	16999	>KRAS-A146F SPKTRQGV	315	16684
>KRAS-A146F SAKTRQGV	572	>KRAS-A146F SPKTRQGV	160	412
>KRAS-A146F TSAKTRQGV	42	>KRAS-A146F TSPKTRQGV	173	131
>KRAS-A146F TSAKTRQGV	451	>KRAS-A146F TSPKTRQGV	6546	6095
>KRAS-A146F TSAKTRQGV	11793	>KRAS-A146F TSPKTRQGV	197	11596
>KRAS-A146F ETSKTRQGV	13	>KRAS-A146F ETSPKTRQGV	31	18
>KRAS-A146F ETSKTRQGV	18	>KRAS-A146F ETSPKTRQGV	23	5
>KRAS-A146F IETSAKTRQG\	243	>KRAS-A146F IETSPKTRQG\	1344	1101
>KRAS-A146F IETSAKTRQG\	263	>KRAS-A146F IETSPKTRQG\	474	211
>KRAS-A146F IETSAKTRQG\	97	>KRAS-A146F IETSPKTRQG\	159	62
>KRAS-A146F FIETSAKTR	144	>KRAS-A146F FIETSPKTR	451	307
>KRAS-A146F PFIETSAKTR	280	>KRAS-A146F PFIETSPKTR	337	57
>KRAS-A146F IPFIETSAK	301	>KRAS-A146F IPFIETSPK	435	134
>KRAS-A146F IPFIETSA	38	>KRAS-A146F IPFIETSP	1308	1270
>KRAS-A146F IPFIETSAKTR	312	>KRAS-A146F IPFIETSPKTR	217	95
>KRAS-A146F GIPFIETSAK	154	>KRAS-A146F GIPFIETSPK	95	59
>KRAS-A146F GIPFIETSAK	72	>KRAS-A146F GIPFIETSPK	49	23
>KRAS-A146F GIPFIETSAK	152	>KRAS-A146F GIPFIETSPK	101	51
>KRAS-A146F YGIPFIETSAK	290	>KRAS-A146F YGIPFIETSPK	260	30
>KRAS-A146\ AKTRQGVDD	19	>KRAS-A146\ TKTRQGVDD	53	34
>KRAS-A146\ SAKTRQGV	318	>KRAS-A146\ STKTRQGV	46	272
>KRAS-A146\ SAKTRQGV	3462	>KRAS-A146\ STKTRQGV	468	2994
>KRAS-A146\ TSAKTRQGV	42	>KRAS-A146\ TSTKTRQGV	215	173
>KRAS-A146\ TSAKTRQGV	451	>KRAS-A146\ TSTKTRQGV	2515	2064
>KRAS-A146\ ETSKTRQGV	13	>KRAS-A146\ ETSTKTRQGV	19	6
>KRAS-A146\ ETSKTRQGV	18	>KRAS-A146\ ETSTKTRQGV	38	20
>KRAS-A146\ IETSAKTRQG\	243	>KRAS-A146\ IETSTKTRQG\	234	9
>KRAS-A146\ IETSAKTRQG\	263	>KRAS-A146\ IETSTKTRQG\	356	93
>KRAS-A146\ IETSAKTRQG\	97	>KRAS-A146\ IETSTKTRQG\	142	45
>KRAS-A146\ FIETSAKTR	144	>KRAS-A146\ FIETSTKTR	104	40
>KRAS-A146\ FIETSAKTR	727	>KRAS-A146\ FIETSTKTR	317	410
>KRAS-A146\ PFIETSAKTR	280	>KRAS-A146\ PFIETSTKTR	189	91
>KRAS-A146\ IPFIETSA	519	>KRAS-A146\ IPFIETST	446	73
>KRAS-A146\ IPFIETSAK	301	>KRAS-A146\ IPFIETSTK	892	591
>KRAS-A146\ IPFIETSA	38	>KRAS-A146\ IPFIETST	575	537
>KRAS-A146\ IPFIETSAKTR	312	>KRAS-A146\ IPFIETSTKTR	230	82
>KRAS-A146\ GIPFIETSAK	154	>KRAS-A146\ GIPFIETSTK	134	20
>KRAS-A146\ GIPFIETSAK	72	>KRAS-A146\ GIPFIETSTK	59	13
>KRAS-A146\ GIPFIETSAK	152	>KRAS-A146\ GIPFIETSTK	126	26
>KRAS-A146\ YGIPFIETSAK	290	>KRAS-A146\ YGIPFIETSTK	160	130
>KRAS-A146\ AKTRQGVDD	19	>KRAS-A146\ VKTRQGVDD	23	4
>KRAS-A146\ SAKTRQGV	2197	>KRAS-A146\ SVKTRQGV	251	1946



>KRAS-A146\SAKTRQGV	1792	>KRAS-A146\SVKTRQGV	108	1684
>KRAS-A146\SAKTRQGV	318	>KRAS-A146\SVKTRQGV	76	242
>KRAS-A146\SYGIPFIETSA	4791	>KRAS-A146\SYGIPFIETSV	359	4432
>KRAS-A146\SYGIPFIETSA	2620	>KRAS-A146\SYGIPFIETSV	422	2198
>KRAS-A146\SYGIPFIETSA	1902	>KRAS-A146\SYGIPFIETSV	333	1569
>KRAS-A146\TSAKTRQGV	42	>KRAS-A146\TSVKTRQGV	129	87
>KRAS-A146\TSAKTRQGV	451	>KRAS-A146\TSVKTRQGV	823	372
>KRAS-A146\ETSAKTRQGV	13	>KRAS-A146\ETSVKTRQGV	26	13
>KRAS-A146\ETSAKTRQGV	18	>KRAS-A146\ETSVKTRQGV	40	22
>KRAS-A146\IETSAKTRQG'	243	>KRAS-A146\IETSVKTRQG'	152	91
>KRAS-A146\IETSAKTRQG'	263	>KRAS-A146\IETSVKTRQG'	251	12
>KRAS-A146\IETSAKTRQG'	97	>KRAS-A146\IETSVKTRQG'	71	26
>KRAS-A146\FIETSAKTR	144	>KRAS-A146\FIETSVKTR	194	50
>KRAS-A146\PFIETSAKTR	280	>KRAS-A146\PFIETSVKTR	209	71
>KRAS-A146\IPFIETSAK	301	>KRAS-A146\IPFIETSVK	1390	1089
>KRAS-A146\IPFIETSA	5108	>KRAS-A146\IPFIETSV	376	4732
>KRAS-A146\IPFIETSA	38	>KRAS-A146\IPFIETSV	177	139
>KRAS-A146\IPFIETSAKTR	312	>KRAS-A146\IPFIETSVKTR	312	0
>KRAS-A146\GIPFIETSA	1815	>KRAS-A146\GIPFIETSV	134	1681
>KRAS-A146\GIPFIETSA	930	>KRAS-A146\GIPFIETSV	78	852
>KRAS-A146\GIPFIETSA	10587	>KRAS-A146\GIPFIETSV	488	10099
>KRAS-A146\GIPFIETSA	9162	>KRAS-A146\GIPFIETSV	258	8904
>KRAS-A146\GIPFIETSA	6265	>KRAS-A146\GIPFIETSV	44	6221
>KRAS-A146\GIPFIETSAK	154	>KRAS-A146\GIPFIETSVK	240	86
>KRAS-A146\GIPFIETSAK	72	>KRAS-A146\GIPFIETSVK	106	34
>KRAS-A146\GIPFIETSAK	152	>KRAS-A146\GIPFIETSVK	291	139
>KRAS-A146\YGIPFIETSA	1704	>KRAS-A146\YGIPFIETSV	292	1412
>KRAS-A146\YGIPFIETSA	3906	>KRAS-A146\YGIPFIETSV	193	3713
>KRAS-A146\YGIPFIETSA	7819	>KRAS-A146\YGIPFIETSV	78	7741
>KRAS-A146\YGIPFIETSAK	290	>KRAS-A146\YGIPFIETSVK	287	3
>KRAS-A18D·ALTIQLIQ	273	>KRAS-A18D·DLTIQLIQ	9273	9000
>KRAS-A18D·SALTIQLI	10957	>KRAS-A18D·SDLTIQLI	228	10729
>KRAS-A18D·SALTIQLI	741	>KRAS-A18D·SDLTIQLI	39	702
>KRAS-A18D·SALTIQLI	127	>KRAS-A18D·SDLTIQLI	1815	1688
>KRAS-A18D·SALTIQLI	20587	>KRAS-A18D·SDLTIQLI	33	20554
>KRAS-A18D·KSALTIQLI	239	>KRAS-A18D·KSDLTIQLI	4143	3904
>KRAS-A18D·KSALTIQL	276	>KRAS-A18D·KSDLTIQL	708	432
>KRAS-A18D·KSALTIQL	7	>KRAS-A18D·KSDLTIQL	15	8
>KRAS-A18D·KSALTIQLI	42	>KRAS-A18D·KSDLTIQLI	91	49
>KRAS-A18D·KSALTIQL	35	>KRAS-A18D·KSDLTIQL	147	112
>KRAS-A18D·KSALTIQLI	24	>KRAS-A18D·KSDLTIQLI	94	70
>KRAS-A18D·KSALTIQL	335	>KRAS-A18D·KSDLTIQL	10711	10376
>KRAS-A18D·KSALTIQLI	73	>KRAS-A18D·KSDLTIQLI	388	315

>KRAS-A18D·KSALTIQL	241	>KRAS-A18D·KSDLTIQL	1030	789
>KRAS-A18D·KSALTIQLI	35	>KRAS-A18D·KSDLTIQLI	100	65
>KRAS-A18D·GKSALTIQL	414	>KRAS-A18D·GKSDLTIQL	1144	730
>KRAS-A18T·ALTIQLIQ	273	>KRAS-A18T·TLTIQLIQ	1457	1184
>KRAS-A18T·SALTIQLI	711	>KRAS-A18T·STLTIQLI	442	269
>KRAS-A18T·SALTIQLI	1391	>KRAS-A18T·STLTIQLI	391	1000
>KRAS-A18T·SALTIQLI	2287	>KRAS-A18T·STLTIQLI	418	1869
>KRAS-A18T·SALTIQLI	4584	>KRAS-A18T·STLTIQLI	174	4410
>KRAS-A18T·SALTIQLI	1505	>KRAS-A18T·STLTIQLI	155	1350
>KRAS-A18T·SALTIQLI	736	>KRAS-A18T·STLTIQLI	132	604
>KRAS-A18T·SALTIQLIQNH	5792	>KRAS-A18T·STLTIQLIQNH	365	5427
>KRAS-A18T·SALTIQLI	127	>KRAS-A18T·STLTIQLI	27	100
>KRAS-A18T·KSALTIQLI	239	>KRAS-A18T·KSTLTIQLI	184	55
>KRAS-A18T·KSALTIQL	276	>KRAS-A18T·KSTLTIQL	519	243
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>KRAS-A18T·KSALTIQLI	42	>KRAS-A18T·KSTLTIQLI	62	20
>KRAS-A18T·KSALTIQL	35	>KRAS-A18T·KSTLTIQL	65	30
>KRAS-A18T·KSALTIQLI	24	>KRAS-A18T·KSTLTIQLI	46	22
>KRAS-A18T·KSALTIQL	335	>KRAS-A18T·KSTLTIQL	1469	1134
>KRAS-A18T·KSALTIQLI	73	>KRAS-A18T·KSTLTIQLI	57	16
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>KRAS-A18T·KSALTIQL	241	>KRAS-A18T·KSTLTIQL	531	290
>KRAS-A18T·KSALTIQLI	35	>KRAS-A18T·KSTLTIQLI	60	25
>KRAS-A18T·GKSALTIQL	414	>KRAS-A18T·GKSTLTIQL	820	406
>KRAS-A18T·GKSALTIQLI	765	>KRAS-A18T·GKSTLTIQLI	335	430
>KRAS-A18T·GVGKSALTI	931	>KRAS-A18T·GVGKSTLTI	268	663
>KRAS-A18T·VGAGGVGKS	1249	>KRAS-A18T·VGAGGVGKS	319	930
>KRAS-A59E·AGQEEYSAM	1842	>KRAS-A59E·EGQEEYSAM	242	1600
>KRAS-A59E·TAGQEEYSAM	56	>KRAS-A59E·TEGQEEYSAM	2772	2716
>KRAS-A59E·TAGQEEYSAM	33132	>KRAS-A59E·TEGQEEYSAM	480	32652
>KRAS-A59E·TAGQEEYSA	23019	>KRAS-A59E·TEGQEEYSA	25	22994
>KRAS-A59E·TAGQEEYSAM	31826	>KRAS-A59E·TEGQEEYSAM	113	31713
>KRAS-A59E·ETCLLDILDTA	107	>KRAS-A59E·ETCLLDILDTE	14893	14786
>KRAS-A59E·DTAGQEEY	387	>KRAS-A59E·DTEGQEEY	82	305
>KRAS-A59E·DTAGQEEY	94	>KRAS-A59E·DTEGQEEY	937	843
>KRAS-A59E·DTAGQEEYSA	491	>KRAS-A59E·DTEGQEEYSA	2998	2507
>KRAS-A59E·DTAGQEEY	28	>KRAS-A59E·DTEGQEEY	2178	2150
>KRAS-A59E·DTAGQEEYSA	20	>KRAS-A59E·DTEGQEEYSA	399	379
>KRAS-A59E·DTAGQEEY	8	>KRAS-A59E·DTEGQEEY	135	127
>KRAS-A59E·DTAGQEEYSA	6	>KRAS-A59E·DTEGQEEYSA	111	105
>KRAS-A59E·DTAGQEEYSA	223	>KRAS-A59E·DTEGQEEYSA	699	476
>KRAS-A59E·DTAGQEEY	245	>KRAS-A59E·DTEGQEEY	1822	1577
>KRAS-A59E·DTAGQEEY	89	>KRAS-A59E·DTEGQEEY	1797	1708

>KRAS-A59E- DTAGQEEYS	408	>KRAS-A59E- DTEGQEEYS	12336	11928
>KRAS-A59E- DTAGQEEYS/	389	>KRAS-A59E- DTEGQEEYSA	11843	11454
>KRAS-A59E- DTAGQEEYS/	449	>KRAS-A59E- DTEGQEEYSA	1402	953
>KRAS-A59E- ILDTAGQEEY	135	>KRAS-A59E- ILDTEGQEEY	204	69
>KRAS-A59E- ILDTAGQEEY	349	>KRAS-A59E- ILDTEGQEEY	687	338
>KRAS-A59E- ILDTAGQEEY	463	>KRAS-A59E- ILDTEGQEEY	330	133
>KRAS-A59E- DILDTAGQEE	150	>KRAS-A59E- DILDTEGQEE	162	12
>KRAS-A59E- DILDTAGQEE	183	>KRAS-A59E- DILDTEGQEE	420	237
>KRAS-A59E- LLDILDTA	318	>KRAS-A59E- LLDILDTE	7678	7360
>KRAS-A59E- LLDILDTA	45	>KRAS-A59E- LLDILDTE	8855	8810
>KRAS-A59E- LLDILDTA	149	>KRAS-A59E- LLDILDTE	13457	13308
>KRAS-A59E- LLDILDTA	42	>KRAS-A59E- LLDILDTE	14858	14816
>KRAS-A59E- LLDILDTA	36	>KRAS-A59E- LLDILDTE	13838	13802
>KRAS-A59E- LLDILDTAGQ	401	>KRAS-A59E- LLDILDTEGQ	740	339
>KRAS-A59E- CLLDILDTA	48	>KRAS-A59E- CLLDILDTE	14513	14465
>KRAS-A59E- CLLDILDTA	69	>KRAS-A59E- CLLDILDTE	2013	1944
>KRAS-A59E- CLLDILDTA	89	>KRAS-A59E- CLLDILDTE	11012	10923
>KRAS-A59E- CLLDILDTA	23	>KRAS-A59E- CLLDILDTE	6361	6338
>KRAS-A59E- CLLDILDTA	10	>KRAS-A59E- CLLDILDTE	4913	4903
>KRAS-A59E- CLLDILDTA	11	>KRAS-A59E- CLLDILDTE	5612	5601
>KRAS-A59E- CLLDILDTA	39	>KRAS-A59E- CLLDILDTE	14907	14868
>KRAS-A59E- CLLDILDTA	7	>KRAS-A59E- CLLDILDTE	9799	9792
>KRAS-A59E- CLLDILDTAGC	479	>KRAS-A59E- CLLDILDTEGC	704	225
>KRAS-A59E- CLLDILDTA	13	>KRAS-A59E- CLLDILDTE	8066	8053
>KRAS-A59E- CLLDILDTAGC	138	>KRAS-A59E- CLLDILDTEGC	292	154
>KRAS-A59G- TAGQEEYSAM	56	>KRAS-A59G- TGGQEEYSAM	1073	1017
>KRAS-A59G- ETCLLDILDTA	107	>KRAS-A59G- ETCLLDILDTG	5167	5060
>KRAS-A59G- DTAGQEEY	387	>KRAS-A59G- DTGGQEEY	1795	1408
>KRAS-A59G- DTAGQEEY	94	>KRAS-A59G- DTGGQEEY	613	519
>KRAS-A59G- DTAGQEEYS/	491	>KRAS-A59G- DTGGQEEYS/	2038	1547
>KRAS-A59G- DTAGQEEY	28	>KRAS-A59G- DTGGQEEY	2889	2861
>KRAS-A59G- DTAGQEEYS/	20	>KRAS-A59G- DTGGQEEYS/	489	469
>KRAS-A59G- DTAGQEEY	8	>KRAS-A59G- DTGGQEEY	28	20
>KRAS-A59G- DTAGQEEYS/	6	>KRAS-A59G- DTGGQEEYS/	19	13
>KRAS-A59G- DTAGQEEY	1082	>KRAS-A59G- DTGGQEEY	279	803
>KRAS-A59G- DTAGQEEYS/	223	>KRAS-A59G- DTGGQEEYS/	82	141
>KRAS-A59G- DTAGQEEY	245	>KRAS-A59G- DTGGQEEY	633	388
>KRAS-A59G- DTAGQEEY	89	>KRAS-A59G- DTGGQEEY	1984	1895
>KRAS-A59G- DTAGQEEYS	408	>KRAS-A59G- DTGGQEEYS	9752	9344
>KRAS-A59G- DTAGQEEYS/	389	>KRAS-A59G- DTGGQEEYS/	9521	9132
>KRAS-A59G- DTAGQEEYS/	449	>KRAS-A59G- DTGGQEEYS/	2891	2442
>KRAS-A59G- ILDTAGQEEY	135	>KRAS-A59G- ILDTGGQEEY	300	165
>KRAS-A59G- ILDTAGQEEY	349	>KRAS-A59G- ILDTGGQEEY	391	42

>KRAS-A59G-ILDTAGQEEY	463	>KRAS-A59G-ILDTGGQEEY	322	141
>KRAS-A59G-ILDTAGQEEY	504	>KRAS-A59G-ILDTGGQEEY	246	258
>KRAS-A59G-DILDTAGQEE	150	>KRAS-A59G-DILDTGGQEE	183	33
>KRAS-A59G-DILDTAGQEE	183	>KRAS-A59G-DILDTGGQEE	185	2
>KRAS-A59G-LLDILDTA	318	>KRAS-A59G-LLDILDTG	3789	3471
>KRAS-A59G-LLDILDTA	45	>KRAS-A59G-LLDILDTG	2775	2730
>KRAS-A59G-LLDILDTA	149	>KRAS-A59G-LLDILDTG	9015	8866
>KRAS-A59G-LLDILDTA	42	>KRAS-A59G-LLDILDTG	7856	7814
>KRAS-A59G-LLDILDTA	36	>KRAS-A59G-LLDILDTG	13111	13075
>KRAS-A59G-LLDILDTAGQ	401	>KRAS-A59G-LLDILDTGGQ	2332	1931
>KRAS-A59G-CLLDILDTA	48	>KRAS-A59G-CLLDILDTG	9062	9014
>KRAS-A59G-CLLDILDTA	69	>KRAS-A59G-CLLDILDTG	899	830
>KRAS-A59G-CLLDILDTA	89	>KRAS-A59G-CLLDILDTG	6286	6197
>KRAS-A59G-CLLDILDTA	23	>KRAS-A59G-CLLDILDTG	2696	2673
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>KRAS-A59G-CLLDILDTA	11	>KRAS-A59G-CLLDILDTG	2092	2081
>KRAS-A59G-CLLDILDTA	39	>KRAS-A59G-CLLDILDTG	8750	8711
>KRAS-A59G-CLLDILDTA	7	>KRAS-A59G-CLLDILDTG	5494	5487
>KRAS-A59G-CLLDILDTAGC	479	>KRAS-A59G-CLLDILDTGGC	2070	1591
>KRAS-A59G-CLLDILDTA	13	>KRAS-A59G-CLLDILDTG	7540	7527
>KRAS-A59G-CLLDILDTAGC	138	>KRAS-A59G-CLLDILDTGGC	762	624
>KRAS-A59T-AGQEEYSAM	1842	>KRAS-A59T-TGQEEYSAM	493	1349
>KRAS-A59T-TAGQEEYSAM	5120	>KRAS-A59T-TTGQEEYSAM	71	5049
>KRAS-A59T-TAGQEEYSAM	5722	>KRAS-A59T-TTGQEEYSAM	225	5497
>KRAS-A59T-TAGQEEYSAM	56	>KRAS-A59T-TTGQEEYSAM	19	37
>KRAS-A59T-TAGQEEYSAM	11397	>KRAS-A59T-TTGQEEYSAM	341	11056
>KRAS-A59T-ETCLLDILDTA	107	>KRAS-A59T-ETCLLDILDTT	1516	1409
>KRAS-A59T-DTAGQEEY	387	>KRAS-A59T-DTTGQEEY	1392	1005
>KRAS-A59T-DTAGQEEY	94	>KRAS-A59T-DTTGQEEY	253	159
>KRAS-A59T-DTAGQEEYS/	491	>KRAS-A59T-DTTGQEEYSA	1194	703
>KRAS-A59T-DTAGQEEY	28	>KRAS-A59T-DTTGQEEY	121	93
>KRAS-A59T-DTAGQEEYS/	20	>KRAS-A59T-DTTGQEEYSA	54	34
>KRAS-A59T-DTAGQEEY	8	>KRAS-A59T-DTTGQEEY	13	5
>KRAS-A59T-DTAGQEEYS/	6	>KRAS-A59T-DTTGQEEYSA	10	4
>KRAS-A59T-DTAGQEEYS/	223	>KRAS-A59T-DTTGQEEYSA	188	35
>KRAS-A59T-DTAGQEEY	245	>KRAS-A59T-DTTGQEEY	498	253
>KRAS-A59T-DTAGQEEY	89	>KRAS-A59T-DTTGQEEY	309	220
>KRAS-A59T-DTAGQEEYS	408	>KRAS-A59T-DTTGQEEYS	2458	2050
>KRAS-A59T-DTAGQEEYS/	389	>KRAS-A59T-DTTGQEEYSA	2266	1877
>KRAS-A59T-DTAGQEEYS/	449	>KRAS-A59T-DTTGQEEYSA	884	435
>KRAS-A59T-ILDTAGQEEY	135	>KRAS-A59T-ILDTTGQEEY	113	22
>KRAS-A59T-ILDTAGQEEY:	734	>KRAS-A59T-ILDTTGQEEY:	453	281
>KRAS-A59T-ILDTAGQEEY	571	>KRAS-A59T-ILDTTGQEEY	422	149

>KRAS-A59T- ILDTAGQEEY	349	>KRAS-A59T- ILDTTGQEEY	415	66
>KRAS-A59T- ILDTAGQEEY	463	>KRAS-A59T- ILDTTGQEEY	313	150
>KRAS-A59T- DILDTAGQEE	849	>KRAS-A59T- DILDTTGQEE	419	430
>KRAS-A59T- DILDTAGQEE	150	>KRAS-A59T- DILDTTGQEE	82	68
>KRAS-A59T- DILDTAGQEE	183	>KRAS-A59T- DILDTTGQEE	185	2
>KRAS-A59T- LLDILDTA	318	>KRAS-A59T- LLDILDTT	1347	1029
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>KRAS-A59T- LLDILDTA	149	>KRAS-A59T- LLDILDTT	1918	1769
>KRAS-A59T- LLDILDTA	42	>KRAS-A59T- LLDILDTT	566	524
>KRAS-A59T- LLDILDTA	36	>KRAS-A59T- LLDILDTT	390	354
>KRAS-A59T- LLDILDTAGQ	401	>KRAS-A59T- LLDILDTTGQ	432	31
>KRAS-A59T- CLLDILDTA	48	>KRAS-A59T- CLLDILDTT	308	260
>KRAS-A59T- CLLDILDTA	69	>KRAS-A59T- CLLDILDTT	326	257
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>KRAS-A59T- CLLDILDTA	23	>KRAS-A59T- CLLDILDTT	115	92
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>KRAS-A59T- CLLDILDTA	7	>KRAS-A59T- CLLDILDTT	33	26
>KRAS-A59T- CLLDILDTAGC	479	>KRAS-A59T- CLLDILDTTG	1068	589
>KRAS-A59T- CLLDILDTA	13	>KRAS-A59T- CLLDILDTT	117	104
>KRAS-A59T- CLLDILDTAGC	138	>KRAS-A59T- CLLDILDTTG	179	41
>KRAS-C80Y- CVFAINNT	10087	>KRAS-C80Y- YVFAINNT	327	9760
>KRAS-C80Y- CVFAINNT	1541	>KRAS-C80Y- YVFAINNT	59	1482
>KRAS-C80Y- CVFAINNT	2794	>KRAS-C80Y- YVFAINNT	236	2558
>KRAS-C80Y- CVFAINNT	5668	>KRAS-C80Y- YVFAINNT	109	5559
>KRAS-C80Y- CVFAINNTKS	5224	>KRAS-C80Y- YVFAINNTKS	235	4989
>KRAS-C80Y- CVFAINNTK	126	>KRAS-C80Y- YVFAINNTK	133	7
>KRAS-C80Y- CVFAINNTK	33	>KRAS-C80Y- YVFAINNTK	28	5
>KRAS-C80Y- CVFAINNTKS	1306	>KRAS-C80Y- YVFAINNTKS	432	874
>KRAS-C80Y- CVFAINNTKS	176	>KRAS-C80Y- YVFAINNTKS	112	64
>KRAS-C80Y- CVFAINNTKS	6889	>KRAS-C80Y- YVFAINNTKS	181	6708
>KRAS-C80Y- CVFAINNTKS	4030	>KRAS-C80Y- YVFAINNTKS	274	3756
>KRAS-C80Y- CVFAINNTKS	3475	>KRAS-C80Y- YVFAINNTKS	304	3171
>KRAS-C80Y- CVFAINNTK	44	>KRAS-C80Y- YVFAINNTK	57	13
>KRAS-C80Y- CVFAINNTK	1846	>KRAS-C80Y- YVFAINNTK	480	1366
>KRAS-C80Y- CVFAINNTKS	35	>KRAS-C80Y- YVFAINNTKS	11	24
>KRAS-C80Y- CVFAINNTK	6	>KRAS-C80Y- YVFAINNTK	2	4
>KRAS-C80Y- CVFAINNT	127	>KRAS-C80Y- YVFAINNT	45	82
>KRAS-C80Y- CVFAINNTKS	369	>KRAS-C80Y- YVFAINNTKS	42	327
>KRAS-C80Y- CVFAINNTKS	1122	>KRAS-C80Y- YVFAINNTKS	46	1076
>KRAS-C80Y- CVFAINNTKS	43	>KRAS-C80Y- YVFAINNTKS	7	36
>KRAS-C80Y- CVFAINNTKS	577	>KRAS-C80Y- YVFAINNTKS	27	550

>KRAS-C80Y- CVFAINNTKS	301	>KRAS-C80Y- YVFAINNTKSI	40	261
>KRAS-C80Y- CVFAINNTKS	520	>KRAS-C80Y- YVFAINNTKSI	27	493
>KRAS-C80Y- CVFAINNTKS	1362	>KRAS-C80Y- YVFAINNTKSI	86	1276
>KRAS-C80Y- LCVFAINNTK	2166	>KRAS-C80Y- LYVFAINNTK	170	1996
>KRAS-C80Y- LCVFAINNTK	1584	>KRAS-C80Y- LYVFAINNTK	341	1243
>KRAS-C80Y- QYMRTGEGF	1901	>KRAS-C80Y- QYMRTGEGF	485	1416
>KRAS-C80Y- QYMRTGEGF	792	>KRAS-C80Y- QYMRTGEGF	164	628
>KRAS-C80Y- QYMRTGEGF	14614	>KRAS-C80Y- QYMRTGEGF	24	14590
>KRAS-C80Y- QYMRTGEGF	24573	>KRAS-C80Y- QYMRTGEGF	465	24108
>KRAS-C80Y- QYMRTGEGF	26323	>KRAS-C80Y- QYMRTGEGF	41	26282
>KRAS-C80Y- QYMRTGEGF	34701	>KRAS-C80Y- QYMRTGEGF	140	34561
>KRAS-C80Y- FLCVFAINNT	147	>KRAS-C80Y- FLYVFAINNT	51	96
>KRAS-C80Y- FLCVFAINNT	106	>KRAS-C80Y- FLYVFAINNT	28	78
>KRAS-C80Y- FLCVFAINNTI	1142	>KRAS-C80Y- FLYVFAINNTI	432	710
>KRAS-C80Y- FLCVFAINNT	50	>KRAS-C80Y- FLYVFAINNT	16	34
>KRAS-C80Y- FLCVFAINNT	152	>KRAS-C80Y- FLYVFAINNT	75	77
>KRAS-C80Y- FLCVFAIN	4127	>KRAS-C80Y- FLYVFAIN	378	3749
>KRAS-C80Y- FLCVFAINN	3572	>KRAS-C80Y- FLYVFAINN	250	3322
>KRAS-C80Y- FLCVFAINNT	176	>KRAS-C80Y- FLYVFAINNT	14	162
>KRAS-C80Y- FLCVFAINNTI	3710	>KRAS-C80Y- FLYVFAINNTI	289	3421
>KRAS-C80Y- FLCVFAINNT	4789	>KRAS-C80Y- FLYVFAINNT	209	4580
>KRAS-C80Y- FLCVFAINNT	2075	>KRAS-C80Y- FLYVFAINNT	44	2031
>KRAS-C80Y- FLCVFAINNT	61	>KRAS-C80Y- FLYVFAINNT	11	50
>KRAS-C80Y- FLCVFAINNTI	1494	>KRAS-C80Y- FLYVFAINNTI	106	1388
>KRAS-C80Y- FLCVFAINNTI	745	>KRAS-C80Y- FLYVFAINNTI	53	692
>KRAS-C80Y- FLCVFAINNTI	410	>KRAS-C80Y- FLYVFAINNTI	129	281
>KRAS-C80Y- FLCVFAINNTI	95	>KRAS-C80Y- FLYVFAINNTI	27	68
>KRAS-C80Y- GFLCVFAI	67	>KRAS-C80Y- GFLYVFAI	102	35
>KRAS-C80Y- GFLCVFAI	41	>KRAS-C80Y- GFLYVFAI	48	7
>KRAS-C80Y- GFLCVFAI	1867	>KRAS-C80Y- GFLYVFAI	115	1752
>KRAS-C80Y- EGFLCVFA	177	>KRAS-C80Y- EGFLYVFA	177	0
>KRAS-C80Y- EGFLCVFAI	52	>KRAS-C80Y- EGFLYVFAI	95	43
>KRAS-C80Y- EGFLCVFAI	3348	>KRAS-C80Y- EGFLYVFAI	344	3004
>KRAS-C80Y- GEGFLCVFAI	84	>KRAS-C80Y- GEGFLYVFAI	65	19
>KRAS-C80Y- GEGFLCVF	1507	>KRAS-C80Y- GEGFLYVF	232	1275
>KRAS-C80Y- GEGFLCVF	605	>KRAS-C80Y- GEGFLYVF	193	412
>KRAS-C80Y- GEGFLCVFAI	427	>KRAS-C80Y- GEGFLYVFAI	756	329
>KRAS-C80Y- GEGFLCVF	190	>KRAS-C80Y- GEGFLYVF	111	79
>KRAS-C80Y- GEGFLCVFA	201	>KRAS-C80Y- GEGFLYVFA	151	50
>KRAS-C80Y- GEGFLCVFAI	98	>KRAS-C80Y- GEGFLYVFAI	68	30
>KRAS-C80Y- GEGFLCVFAI	374	>KRAS-C80Y- GEGFLYVFAI	829	455
>KRAS-C80Y- GEGFLCVF	359	>KRAS-C80Y- GEGFLYVF	162	197
>KRAS-C80Y- GEGFLCVFAI	305	>KRAS-C80Y- GEGFLYVFAI	388	83

>KRAS-C80Y- GEGFLCVFA	13	>KRAS-C80Y- GEGFLYVFA	10	3
>KRAS-C80Y- GEGFLCVF	607	>KRAS-C80Y- GEGFLYVF	228	379
>KRAS-C80Y- GEGFLCVFAI	35	>KRAS-C80Y- GEGFLYVFAI	9	26
>KRAS-C80Y- RTGEGFLC	19466	>KRAS-C80Y- RTGEGFLY	75	19391
>KRAS-C80Y- RTGEGFLCV	908	>KRAS-C80Y- RTGEGFLYV	105	803
>KRAS-C80Y- RTGEGFLCV	1798	>KRAS-C80Y- RTGEGFLYV	188	1610
>KRAS-C80Y- RTGEGFLCV	35	>KRAS-C80Y- RTGEGFLYV	6	29
>KRAS-C80Y- RTGEGFLCVF	217	>KRAS-C80Y- RTGEGFLYVF	124	93
>KRAS-C80Y- RTGEGFLCV	78	>KRAS-C80Y- RTGEGFLYV	5	73
>KRAS-C80Y- RTGEGFLCV	450	>KRAS-C80Y- RTGEGFLYV	83	367
>KRAS-C80Y- RTGEGFLCV	51	>KRAS-C80Y- RTGEGFLYV	17	34
>KRAS-C80Y- RTGEGFLCV	2060	>KRAS-C80Y- RTGEGFLYV	280	1780
>KRAS-C80Y- RTGEGFLCV	386	>KRAS-C80Y- RTGEGFLYV	51	335
>KRAS-C80Y- RTGEGFLC	20764	>KRAS-C80Y- RTGEGFLY	414	20350
>KRAS-C80Y- RTGEGFLC	19872	>KRAS-C80Y- RTGEGFLY	99	19773
>KRAS-C80Y- RTGEGFLCVF	196	>KRAS-C80Y- RTGEGFLYVF	51	145
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>KRAS-C80Y- RTGEGFLC	24803	>KRAS-C80Y- RTGEGFLY	238	24565
>KRAS-C80Y- RTGEGFLC	17145	>KRAS-C80Y- RTGEGFLY	15	17130
>KRAS-C80Y- RTGEGFLCV	2512	>KRAS-C80Y- RTGEGFLYV	194	2318
>KRAS-C80Y- RTGEGFLCVF	359	>KRAS-C80Y- RTGEGFLYVF	70	289
>KRAS-C80Y- RTGEGFLC	14944	>KRAS-C80Y- RTGEGFLY	61	14883
>KRAS-C80Y- RTGEGFLCVF	42	>KRAS-C80Y- RTGEGFLYVF	18	24
>KRAS-C80Y- RTGEGFLCV	613	>KRAS-C80Y- RTGEGFLYV	19	594
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>KRAS-C80Y- RTGEGFLCVF	55	>KRAS-C80Y- RTGEGFLYVF	76	21
>KRAS-C80Y- RTGEGFLCVF	252	>KRAS-C80Y- RTGEGFLYVF	237	15
>KRAS-C80Y- RTGEGFLC	7647	>KRAS-C80Y- RTGEGFLY	6	7641
>KRAS-C80Y- RTGEGFLCV	2792	>KRAS-C80Y- RTGEGFLYV	251	2541
>KRAS-C80Y- RTGEGFLCVF	7	>KRAS-C80Y- RTGEGFLYVF	6	1
>KRAS-C80Y- RTGEGFLCVF	944	>KRAS-C80Y- RTGEGFLYVF	315	629
>KRAS-C80Y- RTGEGFLC	9488	>KRAS-C80Y- RTGEGFLY	89	9399
>KRAS-C80Y- RTGEGFLCVF	33	>KRAS-C80Y- RTGEGFLYVF	23	10
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>KRAS-C80Y- RTGEGFLCVF	494	>KRAS-C80Y- RTGEGFLYVF	80	414
>KRAS-C80Y- RTGEGFLC	7664	>KRAS-C80Y- RTGEGFLY	54	7610
>KRAS-C80Y- RTGEGFLCVF	37	>KRAS-C80Y- RTGEGFLYVF	50	13
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>KRAS-C80Y- MRTGEGFLC\	2128	>KRAS-C80Y- MRTGEGFLY\	376	1752
>KRAS-C80Y- MRTGEGFLC	20427	>KRAS-C80Y- MRTGEGFLY	24	20403
>KRAS-C80Y- MRTGEGFLC	26639	>KRAS-C80Y- MRTGEGFLY	308	26331
>KRAS-C80Y- MRTGEGFLC\	111	>KRAS-C80Y- MRTGEGFLY\	104	7

>KRAS-C80Y- MRTGEGFLC	5254	>KRAS-C80Y- MRTGEGFLY	213	5041
>KRAS-C80Y- MRTGEGFLC\	207	>KRAS-C80Y- MRTGEGFLY\	219	12
>KRAS-C80Y- MRTGEGFLC\	284	>KRAS-C80Y- MRTGEGFLY\	110	174
>KRAS-C80Y- MRTGEGFLC\	354	>KRAS-C80Y- MRTGEGFLY\	223	131
>KRAS-C80Y- MRTGEGFLC	1932	>KRAS-C80Y- MRTGEGFLY	16	1916
>KRAS-C80Y- MRTGEGFLC\	16	>KRAS-C80Y- MRTGEGFLY\	15	1
>KRAS-C80Y- MRTGEGFLC	38207	>KRAS-C80Y- MRTGEGFLY	276	37931
>KRAS-C80Y- YMRTGEGFLC	150	>KRAS-C80Y- YMRTGEGFLY	49	101
>KRAS-C80Y- YMRTGEGFLC	191	>KRAS-C80Y- YMRTGEGFLY	33	158
>KRAS-C80Y- YMRTGEGFLC	10	>KRAS-C80Y- YMRTGEGFLY	4	6
>KRAS-C80Y- YMRTGEGFLC	69	>KRAS-C80Y- YMRTGEGFLY	20	49
>KRAS-C80Y- YMRTGEGFLC	230	>KRAS-C80Y- YMRTGEGFLY	5816	5586
>KRAS-C80Y- YMRTGEGFLC	8	>KRAS-C80Y- YMRTGEGFLY	2	6
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>KRAS-C80Y- YMRTGEGFLC	31	>KRAS-C80Y- YMRTGEGFLY	9	22
>KRAS-C80Y- YMRTGEGFLC	36	>KRAS-C80Y- YMRTGEGFLY	1395	1359
>KRAS-C80Y- YMRTGEGFLC	2	>KRAS-C80Y- YMRTGEGFLY	2	0
>KRAS-C80Y- YMRTGEGFLC	27520	>KRAS-C80Y- YMRTGEGFLY	101	27419
>KRAS-C80Y- YMRTGEGFLC	1538	>KRAS-C80Y- YMRTGEGFLY	193	1345
>KRAS-C80Y- YMRTGEGFLC	31366	>KRAS-C80Y- YMRTGEGFLY	367	30999
>KRAS-C80Y- YMRTGEGFLC	23794	>KRAS-C80Y- YMRTGEGFLY	20	23774
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>KRAS-C80Y- YMRTGEGFLC	6668	>KRAS-C80Y- YMRTGEGFLY	23	6645
>KRAS-C80Y- YMRTGEGFLC	4681	>KRAS-C80Y- YMRTGEGFLY	28	4653
>KRAS-C80Y- YMRTGEGFLC	126	>KRAS-C80Y- YMRTGEGFLY	84	42
>KRAS-C80Y- YMRTGEGFLC	19682	>KRAS-C80Y- YMRTGEGFLY	117	19565
>KRAS-C80Y- YMRTGEGFLC	23610	>KRAS-C80Y- YMRTGEGFLY	215	23395
>KRAS-D69N- DQYMRTGEC	135	>KRAS-D69N- NQYMRTGEC	49	86
>KRAS-D69N- DQYMRTGEC	5997	>KRAS-D69N- NQYMRTGEC	192	5805
>KRAS-D69N- DQYMRTGEC	247	>KRAS-D69N- NQYMRTGEC	48	199
>KRAS-D69N- DQYMRTGEC	222	>KRAS-D69N- NQYMRTGEC	63	159
>KRAS-D69N- DQYMRTGEC	69	>KRAS-D69N- NQYMRTGEC	13	56
>KRAS-D69N- RDQYMRTGE	1141	>KRAS-D69N- RNQYMRTGE	247	894
>KRAS-D69N- AMRDQYMR	166	>KRAS-D69N- AMRNQYMR	515	349
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>KRAS-D69N- AMRDQYMR	80	>KRAS-D69N- AMRNQYMR	58	22
>KRAS-D69N- AMRDQYMR	128	>KRAS-D69N- AMRNQYMR	97	31
>KRAS-D69N- AMRDQYMR	13	>KRAS-D69N- AMRNQYMR	9	4
>KRAS-D69N- AMRDQYMR	249	>KRAS-D69N- AMRNQYMR	336	87
>KRAS-D69N- AMRDQYMR	860	>KRAS-D69N- AMRNQYMR	294	566



>KRAS-D69N-AMRDQYMR	470	>KRAS-D69N-AMRNQYMR	690	220
>KRAS-D69N-SAMRDQYM	52	>KRAS-D69N-SAMRNQYM	22	30
>KRAS-D69N-SAMRDQYMI	7361	>KRAS-D69N-SAMRNQYMI	305	7056
>KRAS-D69N-SAMRDQYMI	142	>KRAS-D69N-SAMRNQYMI	99	43
>KRAS-D69N-SAMRDQYMI	38	>KRAS-D69N-SAMRNQYMI	17	21
>KRAS-D69N-SAMRDQYMI	27	>KRAS-D69N-SAMRNQYMI	14	13
>KRAS-D69N-SAMRDQYMI	183	>KRAS-D69N-SAMRNQYMI	134	49
>KRAS-D69N-YSAMRDQY	37	>KRAS-D69N-YSAMRNQY	29	8
>KRAS-D69N-YSAMRDQYM	322	>KRAS-D69N-YSAMRNQYM	205	117
>KRAS-D69N-YSAMRDQY	308	>KRAS-D69N-YSAMRNQY	120	188
>KRAS-D69N-YSAMRDQY	352	>KRAS-D69N-YSAMRNQY	370	18
>KRAS-D69N-YSAMRDQY	130	>KRAS-D69N-YSAMRNQY	93	37
>KRAS-D69N-YSAMRDQY	365	>KRAS-D69N-YSAMRNQY	170	195
>KRAS-D69N-YSAMRDQYM	173	>KRAS-D69N-YSAMRNQYM	57	116
>KRAS-D69N-YSAMRDQY	322	>KRAS-D69N-YSAMRNQY	226	96
>KRAS-D69N-YSAMRDQYM	7	>KRAS-D69N-YSAMRNQYM	6	1
>KRAS-D69N-YSAMRDQY	170	>KRAS-D69N-YSAMRNQY	112	58
>KRAS-D69N-YSAMRDQYM	402	>KRAS-D69N-YSAMRNQYM	323	79
>KRAS-D69N-YSAMRDQY	626	>KRAS-D69N-YSAMRNQY	119	507
>KRAS-D69N-YSAMRDQYM	736	>KRAS-D69N-YSAMRNQYM	178	558
>KRAS-D69N-YSAMRDQY	8	>KRAS-D69N-YSAMRNQY	6	2
>KRAS-D69N-YSAMRDQYM	11	>KRAS-D69N-YSAMRNQYM	10	1
>KRAS-D69N-YSAMRDQY	156	>KRAS-D69N-YSAMRNQY	310	154
>KRAS-D69N-YSAMRDQY	466	>KRAS-D69N-YSAMRNQY	888	422
>KRAS-D69N-YSAMRDQYM	367	>KRAS-D69N-YSAMRNQYM	890	523
>KRAS-D69N-YSAMRDQYM	440	>KRAS-D69N-YSAMRNQYM	66	374
>KRAS-D69N-YSAMRDQY	236	>KRAS-D69N-YSAMRNQY	33	203
>KRAS-D69N-YSAMRDQYM	77	>KRAS-D69N-YSAMRNQYM	24	53
>KRAS-D69N-YSAMRDQY	444	>KRAS-D69N-YSAMRNQY	345	99
>KRAS-D69N-EYSAMRDQY	133	>KRAS-D69N-EYSAMRNQY	47	86
>KRAS-D69N-EYSAMRDQY	1588	>KRAS-D69N-EYSAMRNQY	388	1200
>KRAS-D69N-EYSAMRDQY	1133	>KRAS-D69N-EYSAMRNQY	380	753
>KRAS-D69N-EYSAMRDQY	538	>KRAS-D69N-EYSAMRNQY	236	302
>KRAS-D69N-EYSAMRDQY	28	>KRAS-D69N-EYSAMRNQY	23	5
>KRAS-D69N-EYSAMRDQY	14	>KRAS-D69N-EYSAMRNQY	11	3
>KRAS-D69N-EYSAMRDQY	380	>KRAS-D69N-EYSAMRNQY	197	183
>KRAS-D69N-EYSAMRDQY	37	>KRAS-D69N-EYSAMRNQY	27	10
>KRAS-D69N-EEYSAMRDQ	105	>KRAS-D69N-EEYSAMRNQ	89	16
>KRAS-D69N-EEYSAMRDQ	49	>KRAS-D69N-EEYSAMRNQ	38	11
>KRAS-D69N-EEYSAMRDQ	296	>KRAS-D69N-EEYSAMRNQ	239	57
>KRAS-D69N-EEYSAMRDQ	237	>KRAS-D69N-EEYSAMRNQ	164	73
>KRAS-D69N-EEYSAMRDQ	322	>KRAS-D69N-EEYSAMRNQ	185	137
>KRAS-D69N-EEYSAMRDQ	562	>KRAS-D69N-EEYSAMRNQ	415	147

>KRAS-D69N-EEYSAMRDQ	64	>KRAS-D69N-EEYSAMRNQ	48	16
>KRAS-D69N-EEYSAMRDQ	126	>KRAS-D69N-EEYSAMRNQ	124	2
>KRAS-D69N-QEEYSAMRD	734	>KRAS-D69N-QEEYSAMRN	486	248
>KRAS-D69N-QEEYSAMRD	423	>KRAS-D69N-QEEYSAMRN	412	11
>KRAS-D92Y-DIHHYREQI	19209	>KRAS-D92Y-YIHHYREQI	280	18929
>KRAS-D92Y-DIHHYREQI	14028	>KRAS-D92Y-YIHHYREQI	161	13867
>KRAS-D92Y-DIHHYREQI	15683	>KRAS-D92Y-YIHHYREQI	127	15556
>KRAS-D92Y-DIHHYREQI	19129	>KRAS-D92Y-YIHHYREQI	90	19039
>KRAS-D92Y-DIHHYREQIK	3596	>KRAS-D92Y-YIHHYREQIK	146	3450
>KRAS-D92Y-DIHHYREQIKI	1954	>KRAS-D92Y-YIHHYREQIKF	176	1778
>KRAS-D92Y-DIHHYREQIKI	69	>KRAS-D92Y-YIHHYREQIKF	489	420
>KRAS-D92Y-DIHHYREQIKI	44	>KRAS-D92Y-YIHHYREQIKF	31	13
>KRAS-D92Y-DIHHYREQI	156	>KRAS-D92Y-YIHHYREQI	124	32
>KRAS-D92Y-DIHHYREQIKI	719	>KRAS-D92Y-YIHHYREQIKF	151	568
>KRAS-D92Y-EDIHHYREQI	24606	>KRAS-D92Y-EYIHHYREQI	35	24571
>KRAS-D92Y-EDIHHYREQI	135	>KRAS-D92Y-EYIHHYREQI	20270	20135
>KRAS-D92Y-FAINNTKSFEI	19088	>KRAS-D92Y-FAINNTKSFEI	63	19025
>KRAS-D92Y-FAINNTKSFEI	19182	>KRAS-D92Y-FAINNTKSFEI	24	19158
>KRAS-D92Y-FAINNTKSFEI	9448	>KRAS-D92Y-FAINNTKSFEI	124	9324
>KRAS-D92Y-FAINNTKSFEI	20360	>KRAS-D92Y-FAINNTKSFEI	119	20241
>KRAS-D92Y-FAINNTKSFEI	20518	>KRAS-D92Y-FAINNTKSFEI	47	20471
>KRAS-D92Y-FAINNTKSFEI	17695	>KRAS-D92Y-FAINNTKSFEI	10	17685
>KRAS-D92Y-FAINNTKSFEI	6612	>KRAS-D92Y-FAINNTKSFEI	11	6601
>KRAS-D92Y-FAINNTKSFEI	10286	>KRAS-D92Y-FAINNTKSFEI	111	10175
>KRAS-D92Y-FAINNTKSFEI	20747	>KRAS-D92Y-FAINNTKSFEI	83	20664
>KRAS-D92Y-FAINNTKSFEI	19332	>KRAS-D92Y-FAINNTKSFEI	414	18918
>KRAS-D92Y-FAINNTKSFEI	35259	>KRAS-D92Y-FAINNTKSFEI	133	35126
>KRAS-D92Y-FEDIHHYR	1240	>KRAS-D92Y-FEYIHHYR	483	757
>KRAS-D92Y-FEDIHHYREQ	32	>KRAS-D92Y-FEYIHHYREQI	8	24
>KRAS-D92Y-FEDIHHYR	4919	>KRAS-D92Y-FEYIHHYR	185	4734
>KRAS-D92Y-FEDIHHYR	4886	>KRAS-D92Y-FEYIHHYR	477	4409
>KRAS-D92Y-FEDIHHYR	1207	>KRAS-D92Y-FEYIHHYR	55	1152
>KRAS-D92Y-FEDIHHYR	2414	>KRAS-D92Y-FEYIHHYR	154	2260
>KRAS-D92Y-FEDIHHYREQ	4178	>KRAS-D92Y-FEYIHHYREQI	427	3751
>KRAS-D92Y-FEDIHHYREQ	243	>KRAS-D92Y-FEYIHHYREQI	113	130
>KRAS-D92Y-FEDIHHYREQ	661	>KRAS-D92Y-FEYIHHYREQI	53	608
>KRAS-D92Y-FEDIHHYREQ	24	>KRAS-D92Y-FEYIHHYREQI	6	18
>KRAS-D92Y-FEDIHHYR	296	>KRAS-D92Y-FEYIHHYR	37	259
>KRAS-D92Y-SFEDIHHY	41	>KRAS-D92Y-SFEYIHHY	31	10
>KRAS-D92Y-SFEDIHHY	75	>KRAS-D92Y-SFEYIHHY	47	28
>KRAS-D92Y-SFEDIHHYR	7	>KRAS-D92Y-SFEYIHHYR	6	1
>KRAS-D92Y-SFEDIHHYR	29	>KRAS-D92Y-SFEYIHHYR	43	14
>KRAS-D92Y-SFEDIHHYR	34	>KRAS-D92Y-SFEYIHHYR	15	19

>KRAS-D92Y-SFEDIHHY	212	>KRAS-D92Y-SFEYIHHY	85	127
>KRAS-D92Y-SFEDIHHY	822	>KRAS-D92Y-SFEYIHHY	231	591
>KRAS-D92Y-SFEDIHHYR	10	>KRAS-D92Y-SFEYIHHYR	13	3
>KRAS-D92Y-SFEDIHHYR	742	>KRAS-D92Y-SFEYIHHYR	471	271
>KRAS-D92Y-KSFEDIHHY	555	>KRAS-D92Y-KSFEYIHHY	156	399
>KRAS-D92Y-KSFEDIHHYR	1629	>KRAS-D92Y-KSFEYIHHYR	188	1441
>KRAS-D92Y-KSFEDIHHY	188	>KRAS-D92Y-KSFEYIHHY	50	138
>KRAS-D92Y-KSFEDIHHYR	144	>KRAS-D92Y-KSFEYIHHYR	67	77
>KRAS-D92Y-KSFEDIHHY	121	>KRAS-D92Y-KSFEYIHHY	164	43
>KRAS-D92Y-KSFEDIHHY	164	>KRAS-D92Y-KSFEYIHHY	89	75
>KRAS-D92Y-KSFEDIHHY	1722	>KRAS-D92Y-KSFEYIHHY	186	1536
>KRAS-D92Y-KSFEDIHHYR	237	>KRAS-D92Y-KSFEYIHHYR	52	185
>KRAS-D92Y-KSFEDIHHY	7	>KRAS-D92Y-KSFEYIHHY	8	1
>KRAS-D92Y-KSFEDIHH	1224	>KRAS-D92Y-KSFEYIHH	131	1093
>KRAS-D92Y-KSFEDIHHY	985	>KRAS-D92Y-KSFEYIHHY	85	900
>KRAS-D92Y-KSFEDIHHYR	5	>KRAS-D92Y-KSFEYIHHYR	3	2
>KRAS-D92Y-KSFEDIHHYRI	1738	>KRAS-D92Y-KSFEYIHHYRI	406	1332
>KRAS-D92Y-KSFEDIHHY	766	>KRAS-D92Y-KSFEYIHHY	437	329
>KRAS-D92Y-KSFEDIHHYR	339	>KRAS-D92Y-KSFEYIHHYR	163	176
>KRAS-D92Y-KSFEDIHHYR	46	>KRAS-D92Y-KSFEYIHHYR	17	29
>KRAS-D92Y-KSFEDIHHY	87	>KRAS-D92Y-KSFEYIHHY	40	47
>KRAS-D92Y-KSFEDIHHY	80	>KRAS-D92Y-KSFEYIHHY	51	29
>KRAS-D92Y-KSFEDIHHY	36	>KRAS-D92Y-KSFEYIHHY	12	24
>KRAS-D92Y-KSFEDIHH	358	>KRAS-D92Y-KSFEYIHH	133	225
>KRAS-D92Y-KSFEDIHHY	5	>KRAS-D92Y-KSFEYIHHY	3	2
>KRAS-D92Y-KSFEDIHHY	44	>KRAS-D92Y-KSFEYIHHY	41	3
>KRAS-D92Y-KSFEDIHH	783	>KRAS-D92Y-KSFEYIHH	466	317
>KRAS-D92Y-KSFEDIHHY	12	>KRAS-D92Y-KSFEYIHHY	11	1
>KRAS-D92Y-KSFEDIHHY	502	>KRAS-D92Y-KSFEYIHHY	165	337
>KRAS-D92Y-KSFEDIHHYR	1095	>KRAS-D92Y-KSFEYIHHYR	293	802
>KRAS-D92Y-KSFEDIHH	1152	>KRAS-D92Y-KSFEYIHH	368	784
>KRAS-D92Y-KSFEDIHHY	277	>KRAS-D92Y-KSFEYIHHY	202	75
>KRAS-D92Y-KSFEDIHHYR	80	>KRAS-D92Y-KSFEYIHHYR	74	6
>KRAS-D92Y-KSFEDIHHYR	12	>KRAS-D92Y-KSFEYIHHYR	11	1
>KRAS-D92Y-TKSFEDIHHYF	57	>KRAS-D92Y-TKSFEDIHHYF	50	7
>KRAS-D92Y-TKSFEDIHHY	265	>KRAS-D92Y-TKSFEDIHHY	53	212
>KRAS-D92Y-TKSFEDIHHYF	144	>KRAS-D92Y-TKSFEDIHHYF	131	13
>KRAS-D92Y-NTKSFEDIHH`	31	>KRAS-D92Y-NTKSFEDIHH`	36	5
>KRAS-D92Y-NTKSFEDIHH`	600	>KRAS-D92Y-NTKSFEDIHH`	179	421
>KRAS-D92Y-NTKSFEDIHH`	45	>KRAS-D92Y-NTKSFEDIHH`	28	17
>KRAS-D92Y-NTKSFEDIHH`	282	>KRAS-D92Y-NTKSFEDIHH`	155	127
>KRAS-D92Y-NTKSFEDI	977	>KRAS-D92Y-NTKSFEDI	44	933
>KRAS-D92Y-NTKSFEDIHH`	444	>KRAS-D92Y-NTKSFEDIHH`	136	308

>KRAS-D92Y- NTKSFEDIHH`	915	>KRAS-D92Y- NTKSFHEYIHH`	266	649
>KRAS-D92Y- NTKSFEDIHH`	314	>KRAS-D92Y- NTKSFHEYIHH`	260	54
>KRAS-D92Y- NTKSFEDI	979	>KRAS-D92Y- NTKSFHEYI	467	512
>KRAS-D92Y- NNTKSFEDI	7191	>KRAS-D92Y- NNTKSFHEYI	393	6798
>KRAS-D92Y- INNTKSFED	26226	>KRAS-D92Y- INNTKSFHEY	250	25976
>KRAS-D92Y- INNTKSFED	32093	>KRAS-D92Y- INNTKSFHEY	173	31920
>KRAS-D92Y- AINNTKSFED	3415	>KRAS-D92Y- AINNTKSFHEYI	231	3184
>KRAS-D92Y- AINNTKSFED	757	>KRAS-D92Y- AINNTKSFHEYI	123	634
>KRAS-D92Y- AINNTKSFED	3269	>KRAS-D92Y- AINNTKSFHEYI	279	2990
>KRAS-D92Y- AINNTKSFED	2040	>KRAS-D92Y- AINNTKSFHEYI	71	1969
>KRAS-D92Y- AINNTKSFED	18143	>KRAS-D92Y- AINNTKSFHEY	297	17846
>KRAS-D92Y- AINNTKSFED	27935	>KRAS-D92Y- AINNTKSFHEY	95	27840
>KRAS-D92Y- AINNTKSFED	31225	>KRAS-D92Y- AINNTKSFHEY	356	30869
>KRAS-D92Y- AINNTKSFED	26070	>KRAS-D92Y- AINNTKSFHEY	166	25904
>KRAS-D92Y- AINNTKSFED	21037	>KRAS-D92Y- AINNTKSFHEY	195	20842
>KRAS-D92Y- AINNTKSFED	30019	>KRAS-D92Y- AINNTKSFHEY	81	29938
>KRAS-E31Q- EYDPTIEDSY	498	>KRAS-E31Q- QYDPTIEDSY	3564	3066
>KRAS-E31Q- EYDPTIEDSY	364	>KRAS-E31Q- QYDPTIEDSY	285	79
>KRAS-E31Q- EYDPTIEDSYF	91	>KRAS-E31Q- QYDPTIEDSYI	853	762
>KRAS-E31Q- EYDPTIEDSYF	147	>KRAS-E31Q- QYDPTIEDSYI	1455	1308
>KRAS-E31Q- EYDPTIEDSYF	46	>KRAS-E31Q- QYDPTIEDSYI	35	11
>KRAS-E31Q- DEYDPTIEDS\`	1530	>KRAS-E31Q- DQYDPTIEDS	166	1364
>KRAS-E31Q- DEYDPTIEDS\`	2250	>KRAS-E31Q- DQYDPTIEDS	113	2137
>KRAS-E31Q- DEYDPTIED	149	>KRAS-E31Q- DQYDPTIED	9810	9661
>KRAS-E31Q- DEYDPTIEDS\`	8	>KRAS-E31Q- DQYDPTIEDS	232	224
>KRAS-E31Q- DEYDPTIEDS\`	1025	>KRAS-E31Q- DQYDPTIEDS	401	624
>KRAS-E31Q- DEYDPTIEDS\`	490	>KRAS-E31Q- DQYDPTIEDS	11959	11469
>KRAS-E31Q- DEYDPTIEDS\`	380	>KRAS-E31Q- DQYDPTIEDS	13907	13527
>KRAS-E31Q- VDEYDPTI	221	>KRAS-E31Q- VDQYDPTI	330	109
>KRAS-E31Q- FVDEYDPT	318	>KRAS-E31Q- FVDQYDPT	2143	1825
>KRAS-E31Q- FVDEYDPTI	12	>KRAS-E31Q- FVDQYDPTI	46	34
>KRAS-E31Q- FVDEYDPTI	178	>KRAS-E31Q- FVDQYDPTI	782	604
>KRAS-E31Q- FVDEYDPT	24	>KRAS-E31Q- FVDQYDPT	113	89
>KRAS-E31Q- FVDEYDPTI	4	>KRAS-E31Q- FVDQYDPTI	12	8
>KRAS-E31Q- FVDEYDPT	374	>KRAS-E31Q- FVDQYDPT	1919	1545
>KRAS-E31Q- FVDEYDPTI	6	>KRAS-E31Q- FVDQYDPTI	26	20
>KRAS-E31Q- FVDEYDPTI	16	>KRAS-E31Q- FVDQYDPTI	146	130
>KRAS-E31Q- FVDEYDPTI	14	>KRAS-E31Q- FVDQYDPTI	42	28
>KRAS-E31Q- FVDEYDPTI	138	>KRAS-E31Q- FVDQYDPTI	1761	1623
>KRAS-E31Q- FVDEYDPTI	34	>KRAS-E31Q- FVDQYDPTI	103	69
>KRAS-E31Q- FVDEYDPTI	19	>KRAS-E31Q- FVDQYDPTI	148	129
>KRAS-E31Q- HFVDEYDPTI	294	>KRAS-E31Q- HFVDQYDPTI	240	54
>KRAS-E31Q- NHFVDEYDPTI	575	>KRAS-E31Q- NHFVDQYDPTI	348	227

>KRAS-E31Q-NHFVDEYDP	326	>KRAS-E31Q-NHFVDQYDP	280	46
>KRAS-E31Q-IQNHFVDEY	69	>KRAS-E31Q-IQNHFVDQY	155	86
>KRAS-E31Q-IQNHFVDEY	65	>KRAS-E31Q-IQNHFVDQY	71	6
>KRAS-E31Q-IQNHFVDE	1735	>KRAS-E31Q-IQNHFVDQ	459	1276
>KRAS-E31Q-IQNHFVDEY	5	>KRAS-E31Q-IQNHFVDQY	8	3
>KRAS-E31Q-LIQNHFVDEY	91	>KRAS-E31Q-LIQNHFVDQY	101	10
>KRAS-E31Q-LIQNHFVDEY	342	>KRAS-E31Q-LIQNHFVDQY	800	458
>KRAS-E31Q-QLIQNHFVDE	42	>KRAS-E31Q-QLIQNHFVDC	38	4
>KRAS-E31Q-QLIQNHFVDE	51	>KRAS-E31Q-QLIQNHFVDC	39	12
>KRAS-E31Q-QLIQNHFVDE	328	>KRAS-E31Q-QLIQNHFVDC	678	350
>KRAS-E31Q-QLIQNHFVDE	188	>KRAS-E31Q-QLIQNHFVDC	399	211
>KRAS-E31Q-QLIQNHFVDE	124	>KRAS-E31Q-QLIQNHFVDC	138	14
>KRAS-E31Q-QLIQNHFVDE	158	>KRAS-E31Q-QLIQNHFVDC	154	4
>KRAS-E31Q-QLIQNHFVDE	345	>KRAS-E31Q-QLIQNHFVDC	558	213
>KRAS-E31Q-QLIQNHFVDE	286	>KRAS-E31Q-QLIQNHFVDC	809	523
>KRAS-E62D-EEYSAMRDQ	105	>KRAS-E62D-DEYSAMRDQ	146	41
>KRAS-E62D-EEYSAMRDQ	49	>KRAS-E62D-DEYSAMRDQ	83	34
>KRAS-E62D-EEYSAMRDQ	296	>KRAS-E62D-DEYSAMRDQ	1203	907
>KRAS-E62D-EEYSAMRD	7838	>KRAS-E62D-DEYSAMRD	267	7571
>KRAS-E62D-EEYSAMRDQ	4127	>KRAS-E62D-DEYSAMRDQ	89	4038
>KRAS-E62D-EEYSAMRDQ	237	>KRAS-E62D-DEYSAMRDQ	111	126
>KRAS-E62D-EEYSAMRDQ	625	>KRAS-E62D-DEYSAMRDQ	19	606
>KRAS-E62D-EEYSAMRDQ	322	>KRAS-E62D-DEYSAMRDQ	1555	1233
>KRAS-E62D-EEYSAMRDQ	64	>KRAS-E62D-DEYSAMRDQ	182	118
>KRAS-E62D-EEYSAMRDQ	126	>KRAS-E62D-DEYSAMRDQ	600	474
>KRAS-E62D-QEEYSAMRD	423	>KRAS-E62D-QDEYSAMRD	6159	5736
>KRAS-E62D-GQEEYSAM	497	>KRAS-E62D-GQDEYSAM	83	414
>KRAS-E62D-GQEEYSAMR	385	>KRAS-E62D-GQDEYSAMR	1245	860
>KRAS-E62D-GQEEYSAM	347	>KRAS-E62D-GQDEYSAM	159	188
>KRAS-E62D-TAGQEEYSAM	56	>KRAS-E62D-TAGQDEYSAM	60	4
>KRAS-E62D-DTAGQEEY	387	>KRAS-E62D-DTAGQDEY	339	48
>KRAS-E62D-DTAGQEEY	94	>KRAS-E62D-DTAGQDEY	111	17
>KRAS-E62D-DTAGQEEYS/	491	>KRAS-E62D-DTAGQDEYS/	633	142
>KRAS-E62D-DTAGQEEY	28	>KRAS-E62D-DTAGQDEY	27	1
>KRAS-E62D-DTAGQEEYS/	20	>KRAS-E62D-DTAGQDEYS/	13	7
>KRAS-E62D-DTAGQEEY	8	>KRAS-E62D-DTAGQDEY	8	0
>KRAS-E62D-DTAGQEEYS/	6	>KRAS-E62D-DTAGQDEYS/	6	0
>KRAS-E62D-DTAGQEEYS/	223	>KRAS-E62D-DTAGQDEYS/	248	25
>KRAS-E62D-DTAGQEEY	245	>KRAS-E62D-DTAGQDEY	246	1
>KRAS-E62D-DTAGQEEY	539	>KRAS-E62D-DTAGQDEY	374	165
>KRAS-E62D-DTAGQEEY	89	>KRAS-E62D-DTAGQDEY	101	12
>KRAS-E62D-DTAGQEEYS	408	>KRAS-E62D-DTAGQDEYS	98	310
>KRAS-E62D-DTAGQEEYS/	389	>KRAS-E62D-DTAGQDEYS/	178	211

>KRAS-E62D- DTAGQEEY	1067	>KRAS-E62D- DTAGQDEY	351	716
>KRAS-E62D- DTAGQEEYS/	449	>KRAS-E62D- DTAGQDEYS/	300	149
>KRAS-E62D- ILDTAGQEEY	135	>KRAS-E62D- ILDTAGQDEY	106	29
>KRAS-E62D- ILDTAGQEEY	349	>KRAS-E62D- ILDTAGQDEY	334	15
>KRAS-E62D- ILDTAGQEEY	463	>KRAS-E62D- ILDTAGQDEY	694	231
>KRAS-E62D- DILDTAGQEE	150	>KRAS-E62D- DILDTAGQDE	144	6
>KRAS-E62D- DILDTAGQEE	183	>KRAS-E62D- DILDTAGQDE	295	112
>KRAS-E63K- EYSAMRDQY	1845	>KRAS-E63K- KYSAMRDQY	114	1731
>KRAS-E63K- EYSAMRDQY	133	>KRAS-E63K- KYSAMRDQY	11	122
>KRAS-E63K- EYSAMRDQY	2863	>KRAS-E63K- KYSAMRDQY	420	2443
>KRAS-E63K- EYSAMRDQY	1385	>KRAS-E63K- KYSAMRDQY	138	1247
>KRAS-E63K- EYSAMRDQY	1060	>KRAS-E63K- KYSAMRDQY	499	561
>KRAS-E63K- EYSAMRDQY	15784	>KRAS-E63K- KYSAMRDQY	379	15405
>KRAS-E63K- EYSAMRDQY	1133	>KRAS-E63K- KYSAMRDQY	88	1045
>KRAS-E63K- EYSAMRDQY	538	>KRAS-E63K- KYSAMRDQY	12	526
>KRAS-E63K- EYSAMRDQY	28	>KRAS-E63K- KYSAMRDQY	1162	1134
>KRAS-E63K- EYSAMRDQY	14	>KRAS-E63K- KYSAMRDQY	1339	1325
>KRAS-E63K- EYSAMRDQY	380	>KRAS-E63K- KYSAMRDQY	174	206
>KRAS-E63K- EYSAMRDQY	37	>KRAS-E63K- KYSAMRDQY	13	24
>KRAS-E63K- EYSAMRDQY	3323	>KRAS-E63K- KYSAMRDQY	373	2950
>KRAS-E63K- EEYSAMRDQ	105	>KRAS-E63K- EKYSAMRDQ	10531	10426
>KRAS-E63K- EEYSAMRDQ	49	>KRAS-E63K- EKYSAMRDQ	4387	4338
>KRAS-E63K- EEYSAMRDQ	296	>KRAS-E63K- EKYSAMRDQ	225	71
>KRAS-E63K- EEYSAMRDQ	651	>KRAS-E63K- EKYSAMRDQ	496	155
>KRAS-E63K- EEYSAMRDQ	1650	>KRAS-E63K- EKYSAMRDQ	63	1587
>KRAS-E63K- EEYSAMRDQ	1604	>KRAS-E63K- EKYSAMRDQ	56	1548
>KRAS-E63K- EEYSAMRDQ	237	>KRAS-E63K- EKYSAMRDQ	19622	19385
>KRAS-E63K- EEYSAMRDQ	322	>KRAS-E63K- EKYSAMRDQ	10992	10670
>KRAS-E63K- EEYSAMRDQ	64	>KRAS-E63K- EKYSAMRDQ	6453	6389
>KRAS-E63K- EEYSAMRDQ	126	>KRAS-E63K- EKYSAMRDQ	20063	19937
>KRAS-E63K- QEEYSAMR	509	>KRAS-E63K- QEKYSAMR	257	252
>KRAS-E63K- QEEYSAMRD	423	>KRAS-E63K- QEKYSAMRD	1355	932
>KRAS-E63K- GQEEYSAM	497	>KRAS-E63K- GQEKYSAM	3468	2971
>KRAS-E63K- GQEEYSAMR	385	>KRAS-E63K- GQEKYSAMR	224	161
>KRAS-E63K- GQEEYSAM	658	>KRAS-E63K- GQEKYSAM	473	185
>KRAS-E63K- GQEEYSAM	347	>KRAS-E63K- GQEKYSAM	1113	766
>KRAS-E63K- TAGQEEYSAM	56	>KRAS-E63K- TAGQEKYSAM	69	13
>KRAS-E63K- DTAGQEEY	387	>KRAS-E63K- DTAGQEKY	1067	680
>KRAS-E63K- DTAGQEEY	94	>KRAS-E63K- DTAGQEKY	44	50
>KRAS-E63K- DTAGQEEYS/	491	>KRAS-E63K- DTAGQEKYS/	458	33
>KRAS-E63K- DTAGQEEY	28	>KRAS-E63K- DTAGQEKY	31	3
>KRAS-E63K- DTAGQEEYS/	20	>KRAS-E63K- DTAGQEKYS/	20	0
>KRAS-E63K- DTAGQEEY	8	>KRAS-E63K- DTAGQEKY	10	2

>KRAS-E63K- DTAGQEEYS/	6	>KRAS-E63K- DTAGQEKYS/	9	3
>KRAS-E63K- DTAGQEEYS/	223	>KRAS-E63K- DTAGQEKYS/	131	92
>KRAS-E63K- DTAGQEEY	245	>KRAS-E63K- DTAGQEKY	307	62
>KRAS-E63K- DTAGQEEY	89	>KRAS-E63K- DTAGQEKY	179	90
>KRAS-E63K- DTAGQEEYS	408	>KRAS-E63K- DTAGQEKYS	6262	5854
>KRAS-E63K- DTAGQEEYS/	389	>KRAS-E63K- DTAGQEKYS/	779	390
>KRAS-E63K- DTAGQEEYS/	449	>KRAS-E63K- DTAGQEKYS/	856	407
>KRAS-E63K- DTAGQEEY	898	>KRAS-E63K- DTAGQEKY	480	418
>KRAS-E63K- ILDTAGQEEY	135	>KRAS-E63K- ILDTAGQEKY	183	48
>KRAS-E63K- ILDTAGQEEY	571	>KRAS-E63K- ILDTAGQEKY	428	143
>KRAS-E63K- ILDTAGQEEY	349	>KRAS-E63K- ILDTAGQEKY	320	29
>KRAS-E63K- ILDTAGQEEY	463	>KRAS-E63K- ILDTAGQEKY	1077	614
>KRAS-E63K- ILDTAGQEEY	504	>KRAS-E63K- ILDTAGQEKY	479	25
>KRAS-E63K- DILDTAGQEE	35029	>KRAS-E63K- DILDTAGQEK	430	34599
>KRAS-E63K- DILDTAGQEE	150	>KRAS-E63K- DILDTAGQEK	192	42
>KRAS-E63K- DILDTAGQEE	183	>KRAS-E63K- DILDTAGQEK	189	6
>KRAS-E63K- DILDTAGQEE	30193	>KRAS-E63K- DILDTAGQEK	314	29879
>KRAS-G12A- GGVGKSALTI	2287	>KRAS-G12A- AGVGKSALTI	462	1825
>KRAS-G12A- AGGVGKSALT	8132	>KRAS-G12A- AAGVGKSALT	444	7688
>KRAS-G12A- AGGVGKSALT	1153	>KRAS-G12A- AAGVGKSALT	225	928
>KRAS-G12A- TEYKLVVGA	3297	>KRAS-G12A- TEYKLVVGA	300	2997
>KRAS-G12A- TEYKLVVGA	3172	>KRAS-G12A- TEYKLVVGA	80	3092
>KRAS-G12A- TEYKLVVGA	2108	>KRAS-G12A- TEYKLVVGA	22	2086
>KRAS-G12A- TEYKLVVGA	1689	>KRAS-G12A- TEYKLVVGA	139	1550
>KRAS-G12A- VVGAGGVGK	326	>KRAS-G12A- VVGAAGVGK	415	89
>KRAS-G12A- VVGAGGVGK	89	>KRAS-G12A- VVGAAGVGK	76	13
>KRAS-G12A- VVVGAGGV	1957	>KRAS-G12A- VVVGAAAGV	491	1466
>KRAS-G12A- VVVGAGGV	117	>KRAS-G12A- VVVGAAAGV	61	56
>KRAS-G12A- VVVGAGGV	68	>KRAS-G12A- VVVGAAAGV	18	50
>KRAS-G12A- VVVGAGGV	139	>KRAS-G12A- VVVGAAAGV	60	79
>KRAS-G12A- VVVGAGGV	707	>KRAS-G12A- VVVGAAAGV	241	466
>KRAS-G12A- VVVGAGGV	2371	>KRAS-G12A- VVVGAAAGV	213	2158
>KRAS-G12A- VVVGAGGV	23	>KRAS-G12A- VVVGAAAGV	8	15
>KRAS-G12A- VVVGAGGVG	76	>KRAS-G12A- VVVGAAAGVG	69	7
>KRAS-G12A- VVVGAGGVG	101	>KRAS-G12A- VVVGAAAGVG	66	35
>KRAS-G12A- VVVGAGGVG	203	>KRAS-G12A- VVVGAAAGVG	108	95
>KRAS-G12A- VVVGAGGV	191	>KRAS-G12A- VVVGAAAGV	63	128
>KRAS-G12A- VVVGAGGV	649	>KRAS-G12A- VVVGAAAGV	170	479
>KRAS-G12A- LVVVGAGGV	180	>KRAS-G12A- LVVVGAAAGV	62	118
>KRAS-G12A- LVVVGAGGV	55	>KRAS-G12A- LVVVGAAAGV	10	45
>KRAS-G12A- LVVVGAGGV	1068	>KRAS-G12A- LVVVGAAAGV	265	803
>KRAS-G12A- LVVVGAGGV	3578	>KRAS-G12A- LVVVGAAAGV	425	3153
>KRAS-G12A- LVVVGAGGV	3213	>KRAS-G12A- LVVVGAAAGV	278	2935

>KRAS-G12A·LVVVGAGGV	75	>KRAS-G12A·LVVVGAAAGV	9	66
>KRAS-G12A·LVVVGAGGV	572	>KRAS-G12A·LVVVGAAAGV	414	158
>KRAS-G12A·LVVVGAGGV	284	>KRAS-G12A·LVVVGAAAGV	155	129
>KRAS-G12A·LVVVGAGGV	154	>KRAS-G12A·LVVVGAAAGV	54	100
>KRAS-G12A·LVVVGAGGV	159	>KRAS-G12A·LVVVGAAAGV	48	111
>KRAS-G12A·KLVVVGAGG	1541	>KRAS-G12A·KLVVVGAAAG	492	1049
>KRAS-G12A·KLVVVGAG	4828	>KRAS-G12A·KLVVVGAA	367	4461
>KRAS-G12A·KLVVVGAGG	392	>KRAS-G12A·KLVVVGAAAG	132	260
>KRAS-G12A·KLVVVGAG	4844	>KRAS-G12A·KLVVVGAA	38	4806
>KRAS-G12A·KLVVVGAGG	35	>KRAS-G12A·KLVVVGAAAG	28	7
>KRAS-G12A·KLVVVGAG	11214	>KRAS-G12A·KLVVVGAA	412	10802
>KRAS-G12A·KLVVVGAGG	661	>KRAS-G12A·KLVVVGAAAG	274	387
>KRAS-G12A·KLVVVGAG	4834	>KRAS-G12A·KLVVVGAA	59	4775
>KRAS-G12A·KLVVVGAGG	6	>KRAS-G12A·KLVVVGAAAG	3	3
>KRAS-G12A·KLVVVGAG	13314	>KRAS-G12A·KLVVVGAA	425	12889
>KRAS-G12A·KLVVVGAGG	17	>KRAS-G12A·KLVVVGAAAG	6	11
>KRAS-G12A·KLVVVGAG	14961	>KRAS-G12A·KLVVVGAA	427	14534
>KRAS-G12A·KLVVVGAGG	14	>KRAS-G12A·KLVVVGAAAG	9	5
>KRAS-G12A·KLVVVGAGG	121	>KRAS-G12A·KLVVVGAAAG	15	106
>KRAS-G12A·KLVVVGAGG	6	>KRAS-G12A·KLVVVGAAAG	4	2
>KRAS-G12A·YKLVVVGAGC	423	>KRAS-G12A·YKLVVVGAAAC	116	307
>KRAS-G12A·YKLVVVGAGC	220	>KRAS-G12A·YKLVVVGAAAC	84	136
>KRAS-G12A·YKLVVVGAGC	662	>KRAS-G12A·YKLVVVGAAAC	216	446
>KRAS-G12A·YKLVVVGAG	5121	>KRAS-G12A·YKLVVVGAA	452	4669
>KRAS-G12A·YKLVVVGAGC	696	>KRAS-G12A·YKLVVVGAAAC	177	519
>KRAS-G12C·TEYKLVVGA	3172	>KRAS-G12C·TEYKLVVGA	474	2698
>KRAS-G12C·TEYKLVVGA	1689	>KRAS-G12C·TEYKLVVGA	137	1552
>KRAS-G12C·VVGAGGVGK	326	>KRAS-G12C·VVGACGVGK	302	24
>KRAS-G12C·VVGAGGVGK	89	>KRAS-G12C·VVGACGVGK	75	14
>KRAS-G12C·VVVGAGGV	117	>KRAS-G12C·VVVGACGV	142	25
>KRAS-G12C·VVVGAGGV	68	>KRAS-G12C·VVVGACGV	24	44
>KRAS-G12C·VVVGAGGV	139	>KRAS-G12C·VVVGACGV	75	64
>KRAS-G12C·VVVGAGGV	707	>KRAS-G12C·VVVGACGV	151	556
>KRAS-G12C·VVVGAGGV	2371	>KRAS-G12C·VVVGACGV	303	2068
>KRAS-G12C·VVVGAGGV	23	>KRAS-G12C·VVVGACGV	7	16
>KRAS-G12C·VVVGAGGVG	76	>KRAS-G12C·VVVGACGVG	72	4
>KRAS-G12C·VVVGAGGVG	101	>KRAS-G12C·VVVGACGVG	74	27
>KRAS-G12C·VVVGAGGVG	203	>KRAS-G12C·VVVGACGVG	223	20
>KRAS-G12C·VVVGAGGV	191	>KRAS-G12C·VVVGACGV	169	22
>KRAS-G12C·VVVGAGGV	649	>KRAS-G12C·VVVGACGV	445	204
>KRAS-G12C·LVVVGAGGV	180	>KRAS-G12C·LVVVGACGV	283	103
>KRAS-G12C·LVVVGAGGV	55	>KRAS-G12C·LVVVGACGV	14	41
>KRAS-G12C·LVVVGAGGV	1068	>KRAS-G12C·LVVVGACGV	147	921



>KRAS-G12C·LVVVGAGGV	2712	>KRAS-G12C·LVVVGACGV	174	2538
>KRAS-G12C·LVVVGAGGV	3213	>KRAS-G12C·LVVVGACGV	361	2852
>KRAS-G12C·LVVVGAGGV	75	>KRAS-G12C·LVVVGACGV	7	68
>KRAS-G12C·LVVVGAGGV	572	>KRAS-G12C·LVVVGACGV	435	137
>KRAS-G12C·LVVVGAGGV	284	>KRAS-G12C·LVVVGACGV	216	68
>KRAS-G12C·LVVVGAGGV	154	>KRAS-G12C·LVVVGACGV	212	58
>KRAS-G12C·LVVVGAGGV	159	>KRAS-G12C·LVVVGACGV	83	76
>KRAS-G12C·KLVVVGAGG'	392	>KRAS-G12C·KLVVVGACG\	190	202
>KRAS-G12C·KLVVVGAGG'	35	>KRAS-G12C·KLVVVGACG\	42	7
>KRAS-G12C·KLVVVGAGG'	661	>KRAS-G12C·KLVVVGACG\	283	378
>KRAS-G12C·KLVVVGAG	4834	>KRAS-G12C·KLVVVGAC	182	4652
>KRAS-G12C·KLVVVGAGG'	6	>KRAS-G12C·KLVVVGACG\	3	3
>KRAS-G12C·KLVVVGAGG'	17	>KRAS-G12C·KLVVVGACG\	7	10
>KRAS-G12C·KLVVVGAGG'	14	>KRAS-G12C·KLVVVGACG\	6	8
>KRAS-G12C·KLVVVGAGG'	121	>KRAS-G12C·KLVVVGACG\	14	107
>KRAS-G12C·KLVVVGAGG'	6	>KRAS-G12C·KLVVVGACG\	4	2
>KRAS-G12C·YKLVVVGAGC	423	>KRAS-G12C·YKLVVVGACC	192	231
>KRAS-G12C·YKLVVVGAGC	220	>KRAS-G12C·YKLVVVGACC	61	159
>KRAS-G12C·YKLVVVGAGC	662	>KRAS-G12C·YKLVVVGACC	104	558
>KRAS-G12C·YKLVVVGAGC	3921	>KRAS-G12C·YKLVVVGACC	459	3462
>KRAS-G12C·YKLVVVGAGC	696	>KRAS-G12C·YKLVVVGACC	169	527
>KRAS-G12D·AGGVGKSALT	8128	>KRAS-G12D·ADGVGKSALT	85	8043
>KRAS-G12D·TEYKLVVGA	3297	>KRAS-G12D·TEYKLVVGA	402	2895
>KRAS-G12D·VVGAGGVGK	326	>KRAS-G12D·VVGADGVGK	1224	898
>KRAS-G12D·VVGAGGVGK	89	>KRAS-G12D·VVGADGVGK	154	65
>KRAS-G12D·VVVGAGGV	117	>KRAS-G12D·VVVGADGV	405	288
>KRAS-G12D·VVVGAGGV	68	>KRAS-G12D·VVVGADGV	38	30
>KRAS-G12D·VVVGAGGV	139	>KRAS-G12D·VVVGADGV	169	30
>KRAS-G12D·VVVGAGGV	707	>KRAS-G12D·VVVGADGV	238	469
>KRAS-G12D·VVVGAGGV	23	>KRAS-G12D·VVVGADGV	22	1
>KRAS-G12D·VVVGAGGVG	76	>KRAS-G12D·VVVGADGVG	403	327
>KRAS-G12D·VVVGAGGVG	101	>KRAS-G12D·VVVGADGVG	106	5
>KRAS-G12D·VVVGAGGVG	203	>KRAS-G12D·VVVGADGVG	102	101
>KRAS-G12D·VVVGAGGV	191	>KRAS-G12D·VVVGADGV	94	97
>KRAS-G12D·LVVVGAGGV	180	>KRAS-G12D·LVVVGADGV	500	320
>KRAS-G12D·LVVVGAGGV	55	>KRAS-G12D·LVVVGADGV	16	39
>KRAS-G12D·LVVVGAGGV	75	>KRAS-G12D·LVVVGADGV	63	12
>KRAS-G12D·LVVVGAGGV	284	>KRAS-G12D·LVVVGADGV	249	35
>KRAS-G12D·LVVVGAGGV	154	>KRAS-G12D·LVVVGADGV	117	37
>KRAS-G12D·LVVVGAGGV	159	>KRAS-G12D·LVVVGADGV	255	96
>KRAS-G12D·KLVVVGAGG'	392	>KRAS-G12D·KLVVVGADG'	222	170
>KRAS-G12D·KLVVVGAGG'	35	>KRAS-G12D·KLVVVGADG'	78	43
>KRAS-G12D·KLVVVGAGG'	661	>KRAS-G12D·KLVVVGADG'	331	330

>KRAS-G12D·KLVVVGAGG'	6	>KRAS-G12D·KLVVVGADG'	6	0
>KRAS-G12D·KLVVVGAGG'	17	>KRAS-G12D·KLVVVGADG'	10	7
>KRAS-G12D·KLVVVGAGG'	14	>KRAS-G12D·KLVVVGADG'	9	5
>KRAS-G12D·KLVVVGAGG'	121	>KRAS-G12D·KLVVVGADG'	46	75
>KRAS-G12D·KLVVVGAGG'	6	>KRAS-G12D·KLVVVGADG'	8	2
>KRAS-G12D·YKLVVVGAGC	423	>KRAS-G12D·YKLVVVGADC	186	237
>KRAS-G12D·YKLVVVGAGC	220	>KRAS-G12D·YKLVVVGADC	165	55
>KRAS-G12D·YKLVVVGAGC	662	>KRAS-G12D·YKLVVVGADC	217	445
>KRAS-G12E·AGGVGKSA	38995	>KRAS-G12E·AEGVGKSA	464	38531
>KRAS-G12E·AGGVGKSALT	22776	>KRAS-G12E·AEGVGKSALT	130	22646
>KRAS-G12E·AGGVGKSAL	21974	>KRAS-G12E·AEGVGKSAL	43	21931
>KRAS-G12E·AGGVGKSALT	23796	>KRAS-G12E·AEGVGKSALT	103	23693
>KRAS-G12E·AGGVGKSAL	34000	>KRAS-G12E·AEGVGKSAL	124	33876
>KRAS-G12E·AGGVGKSALT	37816	>KRAS-G12E·AEGVGKSALT	378	37438
>KRAS-G12E·AGGVGKSA	26406	>KRAS-G12E·AEGVGKSA	14	26392
>KRAS-G12E·AGGVGKSAL	37934	>KRAS-G12E·AEGVGKSAL	156	37778
>KRAS-G12E·AGGVGKSALT	27460	>KRAS-G12E·AEGVGKSALT	268	27192
>KRAS-G12E·AGGVGKSALT	35913	>KRAS-G12E·AEGVGKSALT	77	35836
>KRAS-G12E·AGGVGKSAL	31907	>KRAS-G12E·AEGVGKSAL	101	31806
>KRAS-G12E·AGGVGKSALT	25797	>KRAS-G12E·AEGVGKSALT	18	25779
>KRAS-G12E·VVGAGGVGK	326	>KRAS-G12E·VVGAEVVGK	1134	808
>KRAS-G12E·VVGAGGVGK	89	>KRAS-G12E·VVGAEVVGK	113	24
>KRAS-G12E·VVVGAGGV	117	>KRAS-G12E·VVVGAEGV	383	266
>KRAS-G12E·VVVGAGGV	68	>KRAS-G12E·VVVGAEGV	42	26
>KRAS-G12E·VVVGAGGV	139	>KRAS-G12E·VVVGAEGV	87	52
>KRAS-G12E·VVVGAGGV	707	>KRAS-G12E·VVVGAEGV	263	444
>KRAS-G12E·VVVGAGGV	23	>KRAS-G12E·VVVGAEGV	12	11
>KRAS-G12E·VVVGAGGVG	76	>KRAS-G12E·VVVGAEGVG	200	124
>KRAS-G12E·VVVGAGGVG	101	>KRAS-G12E·VVVGAEGVG	78	23
>KRAS-G12E·VVVGAGGVG	203	>KRAS-G12E·VVVGAEGVG	103	100
>KRAS-G12E·VVVGAGGV	191	>KRAS-G12E·VVVGAEGV	110	81
>KRAS-G12E·LVVVGAGGV	180	>KRAS-G12E·LVVVGAEV	404	224
>KRAS-G12E·LVVVGAGGV	55	>KRAS-G12E·LVVVGAEV	13	42
>KRAS-G12E·LVVVGAGGV	1068	>KRAS-G12E·LVVVGAEV	335	733
>KRAS-G12E·LVVVGAGGV	75	>KRAS-G12E·LVVVGAEV	22	53
>KRAS-G12E·LVVVGAGGV	284	>KRAS-G12E·LVVVGAEV	233	51
>KRAS-G12E·LVVVGAGGV	154	>KRAS-G12E·LVVVGAEV	59	95
>KRAS-G12E·LVVVGAGGV	159	>KRAS-G12E·LVVVGAEV	140	19
>KRAS-G12E·KLVVVGAGG'	392	>KRAS-G12E·KLVVVGAEV\	134	258
>KRAS-G12E·KLVVVGAGG'	35	>KRAS-G12E·KLVVVGAEV\	57	22
>KRAS-G12E·KLVVVGAGG'	661	>KRAS-G12E·KLVVVGAEV\	334	327
>KRAS-G12E·KLVVVGAGG'	6	>KRAS-G12E·KLVVVGAEV\	4	2
>KRAS-G12E·KLVVVGAGG'	17	>KRAS-G12E·KLVVVGAEV\	9	8

>KRAS-G12E- KLVVVGAGG\	14	>KRAS-G12E- KLVVVGAEG\	9	5
>KRAS-G12E- KLVVVGAGG\	121	>KRAS-G12E- KLVVVGAEG\	20	101
>KRAS-G12E- KLVVVGAGG\	6	>KRAS-G12E- KLVVVGAEG\	5	1
>KRAS-G12E- YKLVVVGAGC	423	>KRAS-G12E- YKLVVVGAECC	164	259
>KRAS-G12E- YKLVVVGAGC	220	>KRAS-G12E- YKLVVVGAECC	98	122
>KRAS-G12E- YKLVVVGAGC	662	>KRAS-G12E- YKLVVVGAECC	240	422
>KRAS-G12E- YKLVVVGAGC	696	>KRAS-G12E- YKLVVVGAECC	233	463
>KRAS-G12F- AGGVGKSALT	21011	>KRAS-G12F- AFGVGKSALT	438	20573
>KRAS-G12F- TEYKLVVVGAG	4607	>KRAS-G12F- TEYKLVVVGAG	138	4469
>KRAS-G12F- TEYKLVVVGAG	11873	>KRAS-G12F- TEYKLVVVGAG	213	11660
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>KRAS-G12F- TEYKLVVVGAG	3297	>KRAS-G12F- TEYKLVVVGAG	9	3288
>KRAS-G12F- TEYKLVVVGAG	12960	>KRAS-G12F- TEYKLVVVGAG	171	12789
>KRAS-G12F- TEYKLVVVGAG	3172	>KRAS-G12F- TEYKLVVVGAG	64	3108
>KRAS-G12F- TEYKLVVVGAG	6833	>KRAS-G12F- TEYKLVVVGAG	273	6560
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>KRAS-G12F- TEYKLVVVGAG	1689	>KRAS-G12F- TEYKLVVVGAG	32	1657
>KRAS-G12F- GAGGVGKSA	7777	>KRAS-G12F- GAFGVGKSAI	325	7452
>KRAS-G12F- VVGAGGVGK	326	>KRAS-G12F- VVGAFGVGK	250	76
>KRAS-G12F- VVGAGGVGK	89	>KRAS-G12F- VVGAFGVGK	26	63
>KRAS-G12F- VVVGAGGV	1957	>KRAS-G12F- VVVGAFGV	251	1706
>KRAS-G12F- VVVGAGGV	117	>KRAS-G12F- VVVGAFGV	94	23
>KRAS-G12F- VVVGAGGV	68	>KRAS-G12F- VVVGAFGV	6	62
>KRAS-G12F- VVVGAGGV	139	>KRAS-G12F- VVVGAFGV	29	110
>KRAS-G12F- VVVGAGGV	2897	>KRAS-G12F- VVVGAFGV	306	2591
>KRAS-G12F- VVVGAGGV	707	>KRAS-G12F- VVVGAFGV	60	647
>KRAS-G12F- VVVGAGGV	2371	>KRAS-G12F- VVVGAFGV	80	2291
>KRAS-G12F- VVVGAGGV	23	>KRAS-G12F- VVVGAFGV	6	17
>KRAS-G12F- VVVGAGGVG	76	>KRAS-G12F- VVVGAFGVG	77	1
>KRAS-G12F- VVVGAGGVG	101	>KRAS-G12F- VVVGAFGVG	43	58
>KRAS-G12F- VVVGAGGVG	203	>KRAS-G12F- VVVGAFGVG	73	130
>KRAS-G12F- VVVGAGGV	191	>KRAS-G12F- VVVGAFGV	37	154
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>KRAS-G12F- LVVVGAGGV	3498	>KRAS-G12F- LVVVGAFGV	389	3109
>KRAS-G12F- LVVVGAGGV	180	>KRAS-G12F- LVVVGAFGV	252	72
>KRAS-G12F- LVVVGAGGV	55	>KRAS-G12F- LVVVGAFGV	5	50
>KRAS-G12F- LVVVGAGGV	1068	>KRAS-G12F- LVVVGAFGV	87	981
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>KRAS-G12F- LVVVGAGGV	2712	>KRAS-G12F- LVVVGAFGV	62	2650
>KRAS-G12F- LVVVGAGGV	3213	>KRAS-G12F- LVVVGAFGV	67	3146
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>KRAS-G12F- LVVVGAGGV\	572	>KRAS-G12F- LVVVGAFGV\	123	449
>KRAS-G12F- LVVVGAGGV\	284	>KRAS-G12F- LVVVGAFGV\	103	181

>KRAS-G12F-LVVVGAGGV	154	>KRAS-G12F-LVVVGAFGV	42	112
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>KRAS-G12F-KLVVVGAGG\	1541	>KRAS-G12F-KLVVVGAFG\	121	1420
>KRAS-G12F-KLVVVGAGG\	392	>KRAS-G12F-KLVVVGAFG\	80	312
>KRAS-G12F-KLVVVGAGG\	35	>KRAS-G12F-KLVVVGAFG\	79	44
>KRAS-G12F-KLVVVGAGG\	661	>KRAS-G12F-KLVVVGAFG\	95	566
>KRAS-G12F-KLVVVGAGG\	6	>KRAS-G12F-KLVVVGAFG\	3	3
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>KRAS-G12F-KLVVVGAGG\	14	>KRAS-G12F-KLVVVGAFG\	6	8
>KRAS-G12F-KLVVVGAGG\	121	>KRAS-G12F-KLVVVGAFG\	7	114
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>KRAS-G12F-KLVVVGAG	15079	>KRAS-G12F-KLVVVGAF	122	14957
>KRAS-G12F-KLVVVGAG	5603	>KRAS-G12F-KLVVVGAF	82	5521
>KRAS-G12F-KLVVVGAG	15848	>KRAS-G12F-KLVVVGAF	86	15762
>KRAS-G12F-YKLVVVGAGC	423	>KRAS-G12F-YKLVVVGAFc	54	369
>KRAS-G12F-YKLVVVGAGC	220	>KRAS-G12F-YKLVVVGAFc	46	174
>KRAS-G12F-YKLVVVGAGC	2437	>KRAS-G12F-YKLVVVGAFc	323	2114
>KRAS-G12F-YKLVVVGAGC	662	>KRAS-G12F-YKLVVVGAFc	62	600
>KRAS-G12F-YKLVVVGAGC	5066	>KRAS-G12F-YKLVVVGAFc	285	4781
>KRAS-G12F-YKLVVVGAGC	1887	>KRAS-G12F-YKLVVVGAFc	461	1426
>KRAS-G12F-YKLVVVGAG	5121	>KRAS-G12F-YKLVVVGAF	4	5117
>KRAS-G12F-YKLVVVGAGC	696	>KRAS-G12F-YKLVVVGAFc	245	451
>KRAS-G12F-EYKLVVVGAC	35770	>KRAS-G12F-EYKLVVVGAF	87	35683
>KRAS-G12F-EYKLVVVGAC	30803	>KRAS-G12F-EYKLVVVGAF	134	30669
>KRAS-G12F-EYKLVVVGAC	11844	>KRAS-G12F-EYKLVVVGAF	35	11809
>KRAS-G12F-EYKLVVVGAC	26658	>KRAS-G12F-EYKLVVVGAF	418	26240
>KRAS-G12I-I-GGVGKSALTI	2287	>KRAS-G12I-I-GGVGKSALTI	247	2040
>KRAS-G12I-I-TEYKLVVGA	4607	>KRAS-G12I-I-TEYKLVVGA	6	4601
>KRAS-G12I-I-TEYKLVVGA	3297	>KRAS-G12I-I-TEYKLVVGA	193	3104
>KRAS-G12I-I-TEYKLVVGA	12960	>KRAS-G12I-I-TEYKLVVGA	77	12883
>KRAS-G12I-I-TEYKLVVGA	3172	>KRAS-G12I-I-TEYKLVVGA	55	3117
>KRAS-G12I-I-TEYKLVVGA	2108	>KRAS-G12I-I-TEYKLVVGA	423	1685
>KRAS-G12I-I-TEYKLVVGA	1689	>KRAS-G12I-I-TEYKLVVGA	4	1685
>KRAS-G12I-I-VVGAGGVGK	326	>KRAS-G12I-I-VVGAGGVGK	316	10
>KRAS-G12I-I-VVGAGGVGK	89	>KRAS-G12I-I-VVGAGGVGK	48	41
>KRAS-G12I-I-VVGAGGV	117	>KRAS-G12I-I-VVGAGGV	93	24
>KRAS-G12I-I-VVGAGGV	68	>KRAS-G12I-I-VVGAGGV	13	55
>KRAS-G12I-I-VVGAGGV	139	>KRAS-G12I-I-VVGAGGV	26	113
>KRAS-G12I-I-VVGAGGV	707	>KRAS-G12I-I-VVGAGGV	81	626
>KRAS-G12I-I-VVGAGGV	2371	>KRAS-G12I-I-VVGAGGV	231	2140
>KRAS-G12I-I-VVGAGGV	23	>KRAS-G12I-I-VVGAGGV	6	17
>KRAS-G12I-I-VVGAGGVG	76	>KRAS-G12I-I-VVGAGGVG	51	25
>KRAS-G12I-I-VVGAGGVG	101	>KRAS-G12I-I-VVGAGGVG	47	54

>KRAS-G12I-I VVVGAGGVG	203	>KRAS-G12I-I VVVGAIQVGI	37	166
>KRAS-G12I-I VVVGAGGV	191	>KRAS-G12I-I VVVGAIQV	81	110
>KRAS-G12I-I VVVGAGGV	649	>KRAS-G12I-I VVVGAIQV	232	417
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>KRAS-G12I-I LVVVGAGGV	55	>KRAS-G12I-I LVVVGAIQV	15	40
>KRAS-G12I-I LVVVGAGGV	1068	>KRAS-G12I-I LVVVGAIQV	265	803
>KRAS-G12I-I LVVVGAGGV	2712	>KRAS-G12I-I LVVVGAIQV	292	2420
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>KRAS-G12I-I LVVVGAGGV	572	>KRAS-G12I-I LVVVGAIQVC	239	333
>KRAS-G12I-I LVVVGAGGV	284	>KRAS-G12I-I LVVVGAIQVC	132	152
>KRAS-G12I-I LVVVGAGGV	154	>KRAS-G12I-I LVVVGAIQV	146	8
>KRAS-G12I-I LVVVGAGGV	159	>KRAS-G12I-I LVVVGAIQV	56	103
>KRAS-G12I-I KLVVVGAGG	1541	>KRAS-G12I-I KLVVVGAIQV	271	1270
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>KRAS-G12I-I KLVVVGAGG	392	>KRAS-G12I-I KLVVVGAIQV	151	241
>KRAS-G12I-I KLVVVGAG	4844	>KRAS-G12I-I KLVVVGAI	31	4813
>KRAS-G12I-I KLVVVGAGG	35	>KRAS-G12I-I KLVVVGAIQV	55	20
>KRAS-G12I-I KLVVVGAG	11214	>KRAS-G12I-I KLVVVGAI	304	10910
>KRAS-G12I-I KLVVVGAGG	661	>KRAS-G12I-I KLVVVGAIQV	140	521
>KRAS-G12I-I KLVVVGAG	4834	>KRAS-G12I-I KLVVVGAI	16	4818
>KRAS-G12I-I KLVVVGAGG	6	>KRAS-G12I-I KLVVVGAIQV	4	2
>KRAS-G12I-I KLVVVGAG	13314	>KRAS-G12I-I KLVVVGAI	81	13233
>KRAS-G12I-I KLVVVGAGG	17	>KRAS-G12I-I KLVVVGAIQV	7	10
>KRAS-G12I-I KLVVVGAG	14961	>KRAS-G12I-I KLVVVGAI	220	14741
>KRAS-G12I-I KLVVVGAGG	14	>KRAS-G12I-I KLVVVGAIQV	8	6
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>KRAS-G12I-I KLVVVGAG	24283	>KRAS-G12I-I KLVVVGAI	427	23856
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>KRAS-G12I-I YKLVVVGAG	23203	>KRAS-G12I-I YKLVVVGAI	215	22988
>KRAS-G12I-I YKLVVVGAGC	423	>KRAS-G12I-I YKLVVVGAIQ	159	264
>KRAS-G12I-I YKLVVVGAGC	220	>KRAS-G12I-I YKLVVVGAIQ	87	133
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>KRAS-G12I-I YKLVVVGAG	15897	>KRAS-G12I-I YKLVVVGAI	380	15517
>KRAS-G12I-I YKLVVVGAG	24531	>KRAS-G12I-I YKLVVVGAI	492	24039
>KRAS-G12I-I EYKLVVVGAGC	23315	>KRAS-G12I-I EYKLVVVGAI	125	23190
>KRAS-G12I-I EYKLVVVGAGC	11844	>KRAS-G12I-I EYKLVVVGAI	181	11663
>KRAS-G12L- AGGVGKSAL	23353	>KRAS-G12L- ALGVGKSAL	180	23173
>KRAS-G12L- AGGVGKSALT	22027	>KRAS-G12L- ALGVGKSALT	89	21938
>KRAS-G12L- AGGVGKSAL	24185	>KRAS-G12L- ALGVGKSAL	312	23873
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>KRAS-G12L-AGGVGKSA	32262	>KRAS-G12L-ALGVGKSA	43	32219
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>KRAS-G12L-TEYKLVVGA	4607	>KRAS-G12L-TEYKLVVGA	40	4567
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>KRAS-G12L-TEYKLVVGA	19286	>KRAS-G12L-TEYKLVVGA	82	19204
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>KRAS-G12L-TEYKLVVGA	3172	>KRAS-G12L-TEYKLVVGA	33	3139
>KRAS-G12L-TEYKLVVGA	1689	>KRAS-G12L-TEYKLVVGA	10	1679
>KRAS-G12L-VVGAGGVGK	326	>KRAS-G12L-VVGALGVGK	416	90
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>KRAS-G12L-VVGAGGV	2371	>KRAS-G12L-VVGALGV	398	1973
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>KRAS-G12L-VVGAGGVG	76	>KRAS-G12L-VVGALGVG	81	5
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>KRAS-G12L-VVGAGGVG	203	>KRAS-G12L-VVGALGVG	126	77
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>KRAS-G12L-VVGAGGV	649	>KRAS-G12L-VVGALGV	304	345
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>KRAS-G12L-LVVVGAGGV	55	>KRAS-G12L-LVVVGALGV	14	41
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>KRAS-G12L-KLVVVGAG	4834	>KRAS-G12L-KLVVVGAL	17	4817
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>KRAS-G12L- KLVVVGAG	13314	>KRAS-G12L- KLVVVGAL	75	13239
>KRAS-G12L- KLVVVGAGG'	17	>KRAS-G12L- KLVVVGALG\	11	6
>KRAS-G12L- KLVVVGAG	14961	>KRAS-G12L- KLVVVGAL	155	14806
>KRAS-G12L- KLVVVGAGG'	14	>KRAS-G12L- KLVVVGALG\	8	6
>KRAS-G12L- KLVVVGAGG'	121	>KRAS-G12L- KLVVVGALG\	41	80
>KRAS-G12L- KLVVVGAG	24283	>KRAS-G12L- KLVVVGAL	80	24203
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>KRAS-G12L- YKLVVVGAGC	423	>KRAS-G12L- YKLVVVGALC	150	273
>KRAS-G12L- YKLVVVGAGC	220	>KRAS-G12L- YKLVVVGALC	126	94
>KRAS-G12L- YKLVVVGAGC	662	>KRAS-G12L- YKLVVVGALC	176	486
>KRAS-G12L- YKLVVVGAG	5121	>KRAS-G12L- YKLVVVGAL	42	5079
>KRAS-G12L- YKLVVVGAGC	696	>KRAS-G12L- YKLVVVGALC	138	558
>KRAS-G12L- YKLVVVGAG	15897	>KRAS-G12L- YKLVVVGAL	26	15871
>KRAS-G12L- EYKLVVVGAGC	23315	>KRAS-G12L- EYKLVVVGAL	469	22846
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>KRAS-G12N VVGAGGVGK	89	>KRAS-G12N VVGANGVGK	82	7
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>KRAS-G12N VVGAGGV	117	>KRAS-G12N VVGANGV	132	15
>KRAS-G12N VVGAGGV	68	>KRAS-G12N VVGANGV	29	39
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>KRAS-G12N VVGAGGV	23	>KRAS-G12N VVGANGV	14	9
>KRAS-G12N VVGAGGVG	76	>KRAS-G12N VVGANGVG	89	13
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>KRAS-G12N VVGAGGVG	203	>KRAS-G12N VVGANGVG	108	95
>KRAS-G12N VVGAGGV	191	>KRAS-G12N VVGANGV	62	129
>KRAS-G12N VVGAGGV	649	>KRAS-G12N VVGANGV	399	250
>KRAS-G12N LVVVGAGGV	180	>KRAS-G12N LVVVGANGV	186	6
>KRAS-G12N LVVVGAGGV	55	>KRAS-G12N LVVVGANGV	14	41
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>KRAS-G12N LVVVGAGGV\	572	>KRAS-G12N LVVVGANGV\	466	106
>KRAS-G12N LVVVGAGGV\	284	>KRAS-G12N LVVVGANGV\	178	106
>KRAS-G12N LVVVGAGGV	154	>KRAS-G12N LVVVGANGV	77	77
>KRAS-G12N LVVVGAGGV	159	>KRAS-G12N LVVVGANGV	118	41
>KRAS-G12N KLVVVGAGG'	392	>KRAS-G12N KLVVVGANG'	199	193
>KRAS-G12N KLVVVGAGG'	35	>KRAS-G12N KLVVVGANG'	47	12
>KRAS-G12N KLVVVGAGG'	661	>KRAS-G12N KLVVVGANG'	386	275
>KRAS-G12N KLVVVGAGG'	6	>KRAS-G12N KLVVVGANG'	6	0
>KRAS-G12N KLVVVGAGG'	17	>KRAS-G12N KLVVVGANG'	8	9
>KRAS-G12N KLVVVGAGG'	14	>KRAS-G12N KLVVVGANG'	10	4
>KRAS-G12N KLVVVGAGG'	121	>KRAS-G12N KLVVVGANG'	40	81
>KRAS-G12N KLVVVGAGG'	6	>KRAS-G12N KLVVVGANG'	5	1

>KRAS-G12N YKLVVVGAGC	423	>KRAS-G12N YKLVVVGANC	175	248
>KRAS-G12N YKLVVVGAGC	220	>KRAS-G12N YKLVVVGANC	221	1
>KRAS-G12N YKLVVVGAGC	662	>KRAS-G12N YKLVVVGANC	348	314
>KRAS-G12N YKLVVVGAGC	696	>KRAS-G12N YKLVVVGANC	151	545
>KRAS-G12R·GGVGKSAL	7093	>KRAS-G12R·RGVGKSAL	243	6850
>KRAS-G12R·GGVGKSALTI	2287	>KRAS-G12R·RGVGKSALTI	53	2234
>KRAS-G12R·AGGVGKSAL	24511	>KRAS-G12R·ARGVGKSAL	48	24463
>KRAS-G12R·AGGVGKSALT	32893	>KRAS-G12R·ARGVGKSALT	284	32609
>KRAS-G12R·TEYKLVVGA	39434	>KRAS-G12R·TEYKLVVGA	421	39013
>KRAS-G12R·TEYKLVVGA	3297	>KRAS-G12R·TEYKLVVGA	364	2933
>KRAS-G12R·GAGGVGKSA	7777	>KRAS-G12R·GARGVGKSA	409	7368
>KRAS-G12R·VVGAGGVGK	326	>KRAS-G12R·VVGARGVGK	170	156
>KRAS-G12R·VVGAGGVGK	89	>KRAS-G12R·VVGARGVGK	71	18
>KRAS-G12R·VVVGAGGV	117	>KRAS-G12R·VVVGARGV	375	258
>KRAS-G12R·VVVGAGGV	68	>KRAS-G12R·VVVGARGV	171	103
>KRAS-G12R·VVVGAGGV	139	>KRAS-G12R·VVVGARGV	371	232
>KRAS-G12R·VVVGAGGV	23	>KRAS-G12R·VVVGARGV	27	4
>KRAS-G12R·VVVGAGGVG	76	>KRAS-G12R·VVVGARGVG	68	8
>KRAS-G12R·VVVGAGGVG	101	>KRAS-G12R·VVVGARGVG	74	27
>KRAS-G12R·VVVGAGGVG	203	>KRAS-G12R·VVVGARGVG	152	51
>KRAS-G12R·VVVGAGGV	191	>KRAS-G12R·VVVGARGV	255	64
>KRAS-G12R·LVVVGAGGV	180	>KRAS-G12R·LVVVGARGV	497	317
>KRAS-G12R·LVVVGAGGV	55	>KRAS-G12R·LVVVGARGV	123	68
>KRAS-G12R·LVVVGAGGV	75	>KRAS-G12R·LVVVGARGV	131	56
>KRAS-G12R·LVVVGAGGV	284	>KRAS-G12R·LVVVGARGV	373	89
>KRAS-G12R·LVVVGAGGV	154	>KRAS-G12R·LVVVGARGV	912	758
>KRAS-G12R·LVVVGAGGV	159	>KRAS-G12R·LVVVGARGV	616	457
>KRAS-G12R·KLVVVGAGG	392	>KRAS-G12R·KLVVVGARG	538	146
>KRAS-G12R·KLVVVGAGG	35	>KRAS-G12R·KLVVVGARG	63	28
>KRAS-G12R·KLVVVGAGG	6	>KRAS-G12R·KLVVVGARG	6	0
>KRAS-G12R·KLVVVGAGG	17	>KRAS-G12R·KLVVVGARG	22	5
>KRAS-G12R·KLVVVGAGG	14	>KRAS-G12R·KLVVVGARG	21	7
>KRAS-G12R·KLVVVGAGG	121	>KRAS-G12R·KLVVVGARG	147	26
>KRAS-G12R·KLVVVGAGG	6	>KRAS-G12R·KLVVVGARG	7	1
>KRAS-G12R·KLVVVGAG	15037	>KRAS-G12R·KLVVVGAR	37	15000
>KRAS-G12R·KLVVVGAG	35568	>KRAS-G12R·KLVVVGAR	297	35271
>KRAS-G12R·YKLVVVGAGC	423	>KRAS-G12R·YKLVVVGARC	647	224
>KRAS-G12R·YKLVVVGAGC	220	>KRAS-G12R·YKLVVVGARC	242	22
>KRAS-G12R·YKLVVVGAG	5121	>KRAS-G12R·YKLVVVGAR	396	4725
>KRAS-G12R·YKLVVVGAGC	696	>KRAS-G12R·YKLVVVGARC	223	473
>KRAS-G12R·EYKLVVVGAC	24345	>KRAS-G12R·EYKLVVVGAR	269	24076
>KRAS-G12R·EYKLVVVGAC	33748	>KRAS-G12R·EYKLVVVGAR	200	33548
>KRAS-G12S·AGGVGKSAL	15310	>KRAS-G12S·ASGVGKSAL	159	15151



>KRAS-G12S-AGGVGKSALT	8132	>KRAS-G12S-ASGVGKSALT	84	8048
>KRAS-G12S-AGGVGKSALT	1153	>KRAS-G12S-ASGVGKSALT	53	1100
>KRAS-G12S-TEYKLVVGA	3297	>KRAS-G12S-TEYKLVVGA	416	2881
>KRAS-G12S-TEYKLVVGA	3172	>KRAS-G12S-TEYKLVVGA	372	2800
>KRAS-G12S-VVGAGGVGK	326	>KRAS-G12S-VVGASGVGK	196	130
>KRAS-G12S-VVGAGGVGK	89	>KRAS-G12S-VVGASGVGK	35	54
>KRAS-G12S-VVVGAGGV	117	>KRAS-G12S-VVVGASGV	45	72
>KRAS-G12S-VVVGAGGV	68	>KRAS-G12S-VVVGASGV	22	46
>KRAS-G12S-VVVGAGGV	139	>KRAS-G12S-VVVGASGV	72	67
>KRAS-G12S-VVVGAGGV	707	>KRAS-G12S-VVVGASGV	229	478
>KRAS-G12S-VVVGAGGV	2371	>KRAS-G12S-VVVGASGV	400	1971
>KRAS-G12S-VVVGAGGV	23	>KRAS-G12S-VVVGASGV	8	15
>KRAS-G12S-VVVGAGGVG	76	>KRAS-G12S-VVVGASGVG	65	11
>KRAS-G12S-VVVGAGGVG	101	>KRAS-G12S-VVVGASGVG	46	55
>KRAS-G12S-VVVGAGGVG	203	>KRAS-G12S-VVVGASGVG	64	139
>KRAS-G12S-VVVGAGGV	191	>KRAS-G12S-VVVGASGV	75	116
>KRAS-G12S-VVVGAGGV	649	>KRAS-G12S-VVVGASGV	355	294
>KRAS-G12S-LVVVGAGGV	180	>KRAS-G12S-LVVVGASGV	57	123
>KRAS-G12S-LVVVGAGGV	55	>KRAS-G12S-LVVVGASGV	16	39
>KRAS-G12S-LVVVGAGGV	1068	>KRAS-G12S-LVVVGASGV	480	588
>KRAS-G12S-LVVVGAGGV	75	>KRAS-G12S-LVVVGASGV	12	63
>KRAS-G12S-LVVVGAGGV	572	>KRAS-G12S-LVVVGASGV	273	299
>KRAS-G12S-LVVVGAGGV	284	>KRAS-G12S-LVVVGASGV	151	133
>KRAS-G12S-LVVVGAGGV	154	>KRAS-G12S-LVVVGASGV	106	48
>KRAS-G12S-LVVVGAGGV	159	>KRAS-G12S-LVVVGASGV	136	23
>KRAS-G12S-KLVVVGAGG	392	>KRAS-G12S-KLVVVGASG	122	270
>KRAS-G12S-KLVVVGAGG	35	>KRAS-G12S-KLVVVGASG	24	11
>KRAS-G12S-KLVVVGAGG	661	>KRAS-G12S-KLVVVGASG	277	384
>KRAS-G12S-KLVVVGAGG	6	>KRAS-G12S-KLVVVGASG	4	2
>KRAS-G12S-KLVVVGAGG	17	>KRAS-G12S-KLVVVGASG	8	9
>KRAS-G12S-KLVVVGAGG	14	>KRAS-G12S-KLVVVGASG	9	5
>KRAS-G12S-KLVVVGAGG	121	>KRAS-G12S-KLVVVGASG	27	94
>KRAS-G12S-KLVVVGAGG	6	>KRAS-G12S-KLVVVGASG	4	2
>KRAS-G12S-YKLVVVGAGC	423	>KRAS-G12S-YKLVVVGASC	187	236
>KRAS-G12S-YKLVVVGAGC	220	>KRAS-G12S-YKLVVVGASC	125	95
>KRAS-G12S-YKLVVVGAGC	662	>KRAS-G12S-YKLVVVGASC	263	399
>KRAS-G12S-YKLVVVGAGC	696	>KRAS-G12S-YKLVVVGASC	86	610
>KRAS-G12V-GGVGKSALTI	2287	>KRAS-G12V-VGVGKSALTI	461	1826
>KRAS-G12V-AGGVGKSAL	10826	>KRAS-G12V-AVGVGKSAL	453	10373
>KRAS-G12V-TEYKLVVGA	4607	>KRAS-G12V-TEYKLVVGA	18	4589
>KRAS-G12V-TEYKLVVGA	3297	>KRAS-G12V-TEYKLVVGA	123	3174
>KRAS-G12V-TEYKLVVGA	12960	>KRAS-G12V-TEYKLVVGA	156	12804
>KRAS-G12V-TEYKLVVGA	3172	>KRAS-G12V-TEYKLVVGA	71	3101

>KRAS-G12V·TEYKLVVVG	2108	>KRAS-G12V·TEYKLVVVG	91	2017
>KRAS-G12V·TEYKLVVVG	1689	>KRAS-G12V·TEYKLVVVG	8	1681
>KRAS-G12V·VVGAGGVGK	326	>KRAS-G12V·VVGAVGVGK	203	123
>KRAS-G12V·VVGAGGVGK	89	>KRAS-G12V·VVGAVGVGK	42	47
>KRAS-G12V·VVVGAGGV	1957	>KRAS-G12V·VVVGAVGV	473	1484
>KRAS-G12V·VVVGAGGV	117	>KRAS-G12V·VVVGAVGV	72	45
>KRAS-G12V·VVVGAGGV	68	>KRAS-G12V·VVVGAVGV	15	53
>KRAS-G12V·VVVGAGGV	139	>KRAS-G12V·VVVGAVGV	34	105
>KRAS-G12V·VVVGAGGV	707	>KRAS-G12V·VVVGAVGV	86	621
>KRAS-G12V·VVVGAGGV	2371	>KRAS-G12V·VVVGAVGV	199	2172
>KRAS-G12V·VVVGAGGV	23	>KRAS-G12V·VVVGAVGV	6	17
>KRAS-G12V·VVVGAGGVG	76	>KRAS-G12V·VVVGAVGVG	63	13
>KRAS-G12V·VVVGAGGVG	101	>KRAS-G12V·VVVGAVGVG	40	61
>KRAS-G12V·VVVGAGGVG	203	>KRAS-G12V·VVVGAVGVG	58	145
>KRAS-G12V·VVVGAGGV	191	>KRAS-G12V·VVVGAVGV	60	131
>KRAS-G12V·VVVGAGGV	649	>KRAS-G12V·VVVGAVGV	301	348
>KRAS-G12V·LVVVGAGGV	180	>KRAS-G12V·LVVVGAVGV	330	150
>KRAS-G12V·LVVVGAGGV	55	>KRAS-G12V·LVVVGAVGV	14	41
>KRAS-G12V·LVVVGAGGV	1068	>KRAS-G12V·LVVVGAVGV	324	744
>KRAS-G12V·LVVVGAGGV	2712	>KRAS-G12V·LVVVGAVGV	308	2404
>KRAS-G12V·LVVVGAGGV	75	>KRAS-G12V·LVVVGAVGV	11	64
>KRAS-G12V·LVVVGAGGV	572	>KRAS-G12V·LVVVGAVGV	270	302
>KRAS-G12V·LVVVGAGGV	284	>KRAS-G12V·LVVVGAVGV	125	159
>KRAS-G12V·LVVVGAGGV	154	>KRAS-G12V·LVVVGAVGV	70	84
>KRAS-G12V·LVVVGAGGV	159	>KRAS-G12V·LVVVGAVGV	84	75
>KRAS-G12V·KLVVVGAG	20564	>KRAS-G12V·KLVVVGAV	163	20401
>KRAS-G12V·KLVVVGAG	4828	>KRAS-G12V·KLVVVGAV	50	4778
>KRAS-G12V·KLVVVGAGG\	392	>KRAS-G12V·KLVVVGAVG\	221	171
>KRAS-G12V·KLVVVGAG	4844	>KRAS-G12V·KLVVVGAV	9	4835
>KRAS-G12V·KLVVVGAGG\	35	>KRAS-G12V·KLVVVGAVG\	59	24
>KRAS-G12V·KLVVVGAG	11214	>KRAS-G12V·KLVVVGAV	37	11177
>KRAS-G12V·KLVVVGAGG\	661	>KRAS-G12V·KLVVVGAVG\	241	420
>KRAS-G12V·KLVVVGAG	4834	>KRAS-G12V·KLVVVGAV	3	4831
>KRAS-G12V·KLVVVGAGG\	6	>KRAS-G12V·KLVVVGAVG\	4	2
>KRAS-G12V·KLVVVGAG	13314	>KRAS-G12V·KLVVVGAV	10	13304
>KRAS-G12V·KLVVVGAGG\	17	>KRAS-G12V·KLVVVGAVG\	7	10
>KRAS-G12V·KLVVVGAG	14961	>KRAS-G12V·KLVVVGAV	16	14945
>KRAS-G12V·KLVVVGAGG\	14	>KRAS-G12V·KLVVVGAVG\	8	6
>KRAS-G12V·KLVVVGAG	25902	>KRAS-G12V·KLVVVGAV	134	25768
>KRAS-G12V·KLVVVGAGG\	121	>KRAS-G12V·KLVVVGAVG\	24	97
>KRAS-G12V·KLVVVGAG	24283	>KRAS-G12V·KLVVVGAV	7	24276
>KRAS-G12V·KLVVVGAGG\	6	>KRAS-G12V·KLVVVGAVG\	4	2
>KRAS-G12V·YKLVVVGAG	16618	>KRAS-G12V·YKLVVVGAV	240	16378

>KRAS-G12V·YKLVVVGAGC	423	>KRAS-G12V·YKLVVVGAVC	151	272
>KRAS-G12V·YKLVVVGAG	17397	>KRAS-G12V·YKLVVVGAV	72	17325
>KRAS-G12V·YKLVVVGAGC	220	>KRAS-G12V·YKLVVVGAVC	99	121
>KRAS-G12V·YKLVVVGAGC	662	>KRAS-G12V·YKLVVVGAVC	142	520
>KRAS-G12V·YKLVVVGAG	5121	>KRAS-G12V·YKLVVVGAV	97	5024
>KRAS-G12V·YKLVVVGAGC	696	>KRAS-G12V·YKLVVVGAVC	94	602
>KRAS-G12V·YKLVVVGAG	15897	>KRAS-G12V·YKLVVVGAV	465	15432
>KRAS-G12W·AGGVGKSALT	21011	>KRAS-G12W·AWGVGKSAL	359	20652
>KRAS-G12W·AGGVGKSAL	37476	>KRAS-G12W·AWGVGKSAL	257	37219
>KRAS-G12W·TEYKLVVVGAG	4607	>KRAS-G12W·TEYKLVVVGAG	185	4422
>KRAS-G12W·TEYKLVVVGAG	3297	>KRAS-G12W·TEYKLVVVGAG	35	3262
>KRAS-G12W·TEYKLVVVGAG	3172	>KRAS-G12W·TEYKLVVVGAG	470	2702
>KRAS-G12W·TEYKLVVVGAG	6833	>KRAS-G12W·TEYKLVVVGAG	72	6761
>KRAS-G12W·TEYKLVVVGAG	5927	>KRAS-G12W·TEYKLVVVGAG	50	5877
>KRAS-G12W·TEYKLVVVGAG	1689	>KRAS-G12W·TEYKLVVVGAG	93	1596
>KRAS-G12W·TEYKLVVVGAG	28093	>KRAS-G12W·TEYKLVVVGAG	54	28039
>KRAS-G12W·GAGGVGKSA	7777	>KRAS-G12W·GAWGVGKSA	473	7304
>KRAS-G12W·GAGGVGKSA	9745	>KRAS-G12W·GAWGVGKSA	337	9408
>KRAS-G12W·VVGAGGVGK	326	>KRAS-G12W·VVGAWGVGI	274	52
>KRAS-G12W·VVGAGGVGK	89	>KRAS-G12W·VVGAWGVGI	34	55
>KRAS-G12W·VVVGAGGV	6096	>KRAS-G12W·VVVGAWGV	488	5608
>KRAS-G12W·VVVGAGGV	1957	>KRAS-G12W·VVVGAWGV	419	1538
>KRAS-G12W·VVVGAGGV	117	>KRAS-G12W·VVVGAWGV	112	5
>KRAS-G12W·VVVGAGGV	68	>KRAS-G12W·VVVGAWGV	7	61
>KRAS-G12W·VVVGAGGV	139	>KRAS-G12W·VVVGAWGV	17	122
>KRAS-G12W·VVVGAGGV	2897	>KRAS-G12W·VVVGAWGV	193	2704
>KRAS-G12W·VVVGAGGV	707	>KRAS-G12W·VVVGAWGV	35	672
>KRAS-G12W·VVVGAGGV	2371	>KRAS-G12W·VVVGAWGV	76	2295
>KRAS-G12W·VVVGAGGV	23	>KRAS-G12W·VVVGAWGV	6	17
>KRAS-G12W·VVVGAGGVG	76	>KRAS-G12W·VVVGAWGVG	117	41
>KRAS-G12W·VVVGAGGVG	101	>KRAS-G12W·VVVGAWGVG	77	24
>KRAS-G12W·VVVGAGGVG	203	>KRAS-G12W·VVVGAWGVG	119	84
>KRAS-G12W·VVVGAGGV	191	>KRAS-G12W·VVVGAWGV	54	137
>KRAS-G12W·VVVGAGGV	649	>KRAS-G12W·VVVGAWGV	117	532
>KRAS-G12W·LVVVGAGGV	3498	>KRAS-G12W·LVVVGAWGV	419	3079
>KRAS-G12W·LVVVGAGGV	180	>KRAS-G12W·LVVVGAWGV	151	29
>KRAS-G12W·LVVVGAGGV	55	>KRAS-G12W·LVVVGAWGV	4	51
>KRAS-G12W·LVVVGAGGV	1068	>KRAS-G12W·LVVVGAWGV	27	1041
>KRAS-G12W·LVVVGAGGV	3578	>KRAS-G12W·LVVVGAWGV	40	3538
>KRAS-G12W·LVVVGAGGV	2712	>KRAS-G12W·LVVVGAWGV	31	2681
>KRAS-G12W·LVVVGAGGV	3213	>KRAS-G12W·LVVVGAWGV	39	3174
>KRAS-G12W·LVVVGAGGV	75	>KRAS-G12W·LVVVGAWGV	4	71
>KRAS-G12W·LVVVGAGGV	572	>KRAS-G12W·LVVVGAWGV	223	349

>KRAS-G12W LVVVGAGGV	284	>KRAS-G12W LVVVGAWGV	211	73
>KRAS-G12W LVVVGAGGV	154	>KRAS-G12W LVVVGAWGV	53	101
>KRAS-G12W LVVVGAGGV	159	>KRAS-G12W LVVVGAWGV	16	143
>KRAS-G12W KLVVVGAGG'	1541	>KRAS-G12W KLVVVGAWG	101	1440
>KRAS-G12W KLVVVGAGG'	392	>KRAS-G12W KLVVVGAWG	111	281
>KRAS-G12W KLVVVGAGG'	35	>KRAS-G12W KLVVVGAWG	65	30
>KRAS-G12W KLVVVGAGG'	661	>KRAS-G12W KLVVVGAWG	70	591
>KRAS-G12W KLVVVGAGG'	6	>KRAS-G12W KLVVVGAWG	2	4
>KRAS-G12W KLVVVGAGG'	17	>KRAS-G12W KLVVVGAWG	5	12
>KRAS-G12W KLVVVGAGG'	14	>KRAS-G12W KLVVVGAWG	5	9
>KRAS-G12W KLVVVGAGG'	121	>KRAS-G12W KLVVVGAWG	9	112
>KRAS-G12W KLVVVGAGG'	6	>KRAS-G12W KLVVVGAWG	3	3
>KRAS-G12W KLVVVGAG	15079	>KRAS-G12W KLVVVGAW	413	14666
>KRAS-G12W KLVVVGAG	24473	>KRAS-G12W KLVVVGAW	225	24248
>KRAS-G12W KLVVVGAG	20544	>KRAS-G12W KLVVVGAW	33	20511
>KRAS-G12W YKLVVVGAGC	423	>KRAS-G12W YKLVVVGAW	41	382
>KRAS-G12W YKLVVVGAGC	220	>KRAS-G12W YKLVVVGAW	24	196
>KRAS-G12W YKLVVVGAGC	2437	>KRAS-G12W YKLVVVGAW	157	2280
>KRAS-G12W YKLVVVGAGC	662	>KRAS-G12W YKLVVVGAW	42	620
>KRAS-G12W YKLVVVGAGC	5066	>KRAS-G12W YKLVVVGAW	172	4894
>KRAS-G12W YKLVVVGAGC	3921	>KRAS-G12W YKLVVVGAW	174	3747
>KRAS-G12W YKLVVVGAGC	1887	>KRAS-G12W YKLVVVGAW	415	1472
>KRAS-G12W YKLVVVGAG	5121	>KRAS-G12W YKLVVVGAW	158	4963
>KRAS-G12W YKLVVVGAGC	696	>KRAS-G12W YKLVVVGAW	231	465
>KRAS-G12W YKLVVVGAGC	3285	>KRAS-G12W YKLVVVGAW	454	2831
>KRAS-G12W YKLVVVGAG	27422	>KRAS-G12W YKLVVVGAW	41	27381
>KRAS-G12W EYKLVVVGAC	35770	>KRAS-G12W EYKLVVVGAV	486	35284
>KRAS-G12W EYKLVVVGAC	11844	>KRAS-G12W EYKLVVVGAV	214	11630
>KRAS-G12Y- GGVGKSALTI	2287	>KRAS-G12Y- YGVGKSALTI	183	2104
>KRAS-G12Y- AGGVGKSAL	7548	>KRAS-G12Y- AYGVGKSAL	16	7532
>KRAS-G12Y- AGGVGKSALT	10208	>KRAS-G12Y- AYGVGKSALT	21	10187
>KRAS-G12Y- AGGVGKSALT	22504	>KRAS-G12Y- AYGVGKSALT	311	22193
>KRAS-G12Y- AGGVGKSAL	21694	>KRAS-G12Y- AYGVGKSAL	54	21640
>KRAS-G12Y- AGGVGKSALT	21011	>KRAS-G12Y- AYGVGKSALT	18	20993
>KRAS-G12Y- TEYKLVVGA	4607	>KRAS-G12Y- TEYKLVVGA	258	4349
>KRAS-G12Y- TEYKLVVGA	11873	>KRAS-G12Y- TEYKLVVGA	184	11689
>KRAS-G12Y- TEYKLVVGA	20054	>KRAS-G12Y- TEYKLVVGA	340	19714
>KRAS-G12Y- TEYKLVVGA	3297	>KRAS-G12Y- TEYKLVVGA	9	3288
>KRAS-G12Y- TEYKLVVGA	6833	>KRAS-G12Y- TEYKLVVGA	287	6546
>KRAS-G12Y- TEYKLVVGA	5927	>KRAS-G12Y- TEYKLVVGA	148	5779
>KRAS-G12Y- TEYKLVVGA	34308	>KRAS-G12Y- TEYKLVVGA	306	34002
>KRAS-G12Y- GAGGVGKSA	7777	>KRAS-G12Y- GAYGVGKSAI	137	7640
>KRAS-G12Y- GAGGVGKSA	9745	>KRAS-G12Y- GAYGVGKSAI	403	9342

>KRAS-G12Y-VVGAGGVGK	326	>KRAS-G12Y-VVGAYGVGK	303	23
>KRAS-G12Y-VVGAGGVGK	89	>KRAS-G12Y-VVGAYGVGK	45	44
>KRAS-G12Y-VVVGAGGV	1957	>KRAS-G12Y-VVVGAYGV	249	1708
>KRAS-G12Y-VVVGAGGV	117	>KRAS-G12Y-VVVGAYGV	97	20
>KRAS-G12Y-VVVGAGGV	68	>KRAS-G12Y-VVVGAYGV	16	52
>KRAS-G12Y-VVVGAGGV	139	>KRAS-G12Y-VVVGAYGV	35	104
>KRAS-G12Y-VVVGAGGV	2897	>KRAS-G12Y-VVVGAYGV	279	2618
>KRAS-G12Y-VVVGAGGV	707	>KRAS-G12Y-VVVGAYGV	112	595
>KRAS-G12Y-VVVGAGGV	2371	>KRAS-G12Y-VVVGAYGV	112	2259
>KRAS-G12Y-VVVGAGGV	23	>KRAS-G12Y-VVVGAYGV	8	15
>KRAS-G12Y-VVVGAGGVG	76	>KRAS-G12Y-VVVGAYGVG	86	10
>KRAS-G12Y-VVVGAGGVG	101	>KRAS-G12Y-VVVGAYGVG	57	44
>KRAS-G12Y-VVVGAGGVG	203	>KRAS-G12Y-VVVGAYGVG	82	121
>KRAS-G12Y-VVVGAGGV	191	>KRAS-G12Y-VVVGAYGV	31	160
>KRAS-G12Y-VVVGAGGV	649	>KRAS-G12Y-VVVGAYGV	173	476
>KRAS-G12Y-LVVVGAGGV	3498	>KRAS-G12Y-LVVVGAYGV	316	3182
>KRAS-G12Y-LVVVGAGGV	180	>KRAS-G12Y-LVVVGAYGV	258	78
>KRAS-G12Y-LVVVGAGGV	55	>KRAS-G12Y-LVVVGAYGV	9	46
>KRAS-G12Y-LVVVGAGGV	1068	>KRAS-G12Y-LVVVGAYGV	108	960
>KRAS-G12Y-LVVVGAGGV	3578	>KRAS-G12Y-LVVVGAYGV	98	3480
>KRAS-G12Y-LVVVGAGGV	2712	>KRAS-G12Y-LVVVGAYGV	232	2480
>KRAS-G12Y-LVVVGAGGV	3213	>KRAS-G12Y-LVVVGAYGV	100	3113
>KRAS-G12Y-LVVVGAGGV	75	>KRAS-G12Y-LVVVGAYGV	12	63
>KRAS-G12Y-LVVVGAGGV	572	>KRAS-G12Y-LVVVGAYGV	203	369
>KRAS-G12Y-LVVVGAGGV	284	>KRAS-G12Y-LVVVGAYGV	138	146
>KRAS-G12Y-LVVVGAGGV	154	>KRAS-G12Y-LVVVGAYGV	27	127
>KRAS-G12Y-LVVVGAGGV	159	>KRAS-G12Y-LVVVGAYGV	51	108
>KRAS-G12Y-KLVVVGAGG\	1541	>KRAS-G12Y-KLVVVGAYG\	138	1403
>KRAS-G12Y-KLVVVGAGG\	392	>KRAS-G12Y-KLVVVGAYG\	66	326
>KRAS-G12Y-KLVVVGAGG\	35	>KRAS-G12Y-KLVVVGAYG\	65	30
>KRAS-G12Y-KLVVVGAGG\	661	>KRAS-G12Y-KLVVVGAYG\	77	584
>KRAS-G12Y-KLVVVGAGG\	6	>KRAS-G12Y-KLVVVGAYG\	3	3
>KRAS-G12Y-KLVVVGAGG\	17	>KRAS-G12Y-KLVVVGAYG\	4	13
>KRAS-G12Y-KLVVVGAGG\	14	>KRAS-G12Y-KLVVVGAYG\	7	7
>KRAS-G12Y-KLVVVGAGG\	121	>KRAS-G12Y-KLVVVGAYG\	8	113
>KRAS-G12Y-KLVVVGAGG\	6	>KRAS-G12Y-KLVVVGAYG\	4	2
>KRAS-G12Y-KLVVVGAG	19546	>KRAS-G12Y-KLVVVGAY	403	19143
>KRAS-G12Y-KLVVVGAG	26416	>KRAS-G12Y-KLVVVGAY	251	26165
>KRAS-G12Y-KLVVVGAG	21549	>KRAS-G12Y-KLVVVGAY	30	21519
>KRAS-G12Y-KLVVVGAG	26418	>KRAS-G12Y-KLVVVGAY	81	26337
>KRAS-G12Y-KLVVVGAG	5603	>KRAS-G12Y-KLVVVGAY	90	5513
>KRAS-G12Y-KLVVVGAG	30099	>KRAS-G12Y-KLVVVGAY	271	29828
>KRAS-G12Y-KLVVVGAG	15848	>KRAS-G12Y-KLVVVGAY	329	15519

>KRAS-G12Y-KLVVVGAG	36437	>KRAS-G12Y-KLVVVGAY	190	36247
>KRAS-G12Y-YKLVVVGAGC	423	>KRAS-G12Y-YKLVVVGAYC	116	307
>KRAS-G12Y-YKLVVVGAGC	220	>KRAS-G12Y-YKLVVVGAYC	54	166
>KRAS-G12Y-YKLVVVGAGC	2437	>KRAS-G12Y-YKLVVVGAYC	264	2173
>KRAS-G12Y-YKLVVVGAGC	662	>KRAS-G12Y-YKLVVVGAYC	122	540
>KRAS-G12Y-YKLVVVGAGC	5066	>KRAS-G12Y-YKLVVVGAYC	357	4709
>KRAS-G12Y-YKLVVVGAG	32075	>KRAS-G12Y-YKLVVVGAY	388	31687
>KRAS-G12Y-YKLVVVGAG	5121	>KRAS-G12Y-YKLVVVGAY	8	5113
>KRAS-G12Y-YKLVVVGAGC	696	>KRAS-G12Y-YKLVVVGAYC	165	531
>KRAS-G12Y-YKLVVVGAG	38060	>KRAS-G12Y-YKLVVVGAY	264	37796
>KRAS-G12Y-EYKLVVVGAC	17935	>KRAS-G12Y-EYKLVVVGAY	157	17778
>KRAS-G12Y-EYKLVVVGAC	20949	>KRAS-G12Y-EYKLVVVGAY	292	20657
>KRAS-G12Y-EYKLVVVGAC	26658	>KRAS-G12Y-EYKLVVVGAY	124	26534
>KRAS-G12Y-EYKLVVVGAC	27605	>KRAS-G12Y-EYKLVVVGAY	68	27537
>KRAS-G12Y-EYKLVVVGAC	24729	>KRAS-G12Y-EYKLVVVGAY	47	24682
>KRAS-G13A-GVGKSALTI	931	>KRAS-G13A-AVGKSALTI	175	756
>KRAS-G13A-GGVGKSAL	7093	>KRAS-G13A-GAVGKSAL	164	6929
>KRAS-G13A-GGVGKSALTI	2287	>KRAS-G13A-GAVGKSALTI	43	2244
>KRAS-G13A-AGGVGKSALT	1153	>KRAS-G13A-AGAVGKSALT	359	794
>KRAS-G13A-VVGAGGVGK	326	>KRAS-G13A-VVGAGAVGK	210	116
>KRAS-G13A-VVGAGGVGK	89	>KRAS-G13A-VVGAGAVGK	87	2
>KRAS-G13A-VVVGAGGV	117	>KRAS-G13A-VVVGAGAV	101	16
>KRAS-G13A-VVVGAGGV	68	>KRAS-G13A-VVVGAGAV	39	29
>KRAS-G13A-VVVGAGGV	139	>KRAS-G13A-VVVGAGAV	112	27
>KRAS-G13A-VVVGAGGV	23	>KRAS-G13A-VVVGAGAV	28	5
>KRAS-G13A-VVVGAGGVG	76	>KRAS-G13A-VVVGAGAVG	111	35
>KRAS-G13A-VVVGAGGVG	101	>KRAS-G13A-VVVGAGAVG	127	26
>KRAS-G13A-VVVGAGGVG	203	>KRAS-G13A-VVVGAGAVG	200	3
>KRAS-G13A-VVVGAGGV	191	>KRAS-G13A-VVVGAGAV	189	2
>KRAS-G13A-LVVVGAGGV	180	>KRAS-G13A-LVVVGAGAV	169	11
>KRAS-G13A-LVVVGAGG	9304	>KRAS-G13A-LVVVGAGA	212	9092
>KRAS-G13A-LVVVGAGGV	55	>KRAS-G13A-LVVVGAGAV	44	11
>KRAS-G13A-LVVVGAGGV	75	>KRAS-G13A-LVVVGAGAV	187	112
>KRAS-G13A-LVVVGAGGV	284	>KRAS-G13A-LVVVGAGAV	159	125
>KRAS-G13A-LVVVGAGGV	154	>KRAS-G13A-LVVVGAGAV	213	59
>KRAS-G13A-LVVVGAGGV	159	>KRAS-G13A-LVVVGAGAV	250	91
>KRAS-G13A-KLVVVGAGG	4751	>KRAS-G13A-KLVVVGAGA	286	4465
>KRAS-G13A-KLVVVGAGG	392	>KRAS-G13A-KLVVVGAGA	337	55
>KRAS-G13A-KLVVVGAGG	5824	>KRAS-G13A-KLVVVGAGA	45	5779
>KRAS-G13A-KLVVVGAGG	35	>KRAS-G13A-KLVVVGAGA	35	0
>KRAS-G13A-KLVVVGAGG	9366	>KRAS-G13A-KLVVVGAGA	263	9103
>KRAS-G13A-KLVVVGAGG	3432	>KRAS-G13A-KLVVVGAGA	33	3399
>KRAS-G13A-KLVVVGAGG	6	>KRAS-G13A-KLVVVGAGA	6	0

>KRAS-G13A·KLVVVGAGG	8199	>KRAS-G13A·KLVVVGAGA	120	8079
>KRAS-G13A·KLVVVGAGG'	17	>KRAS-G13A·KLVVVGAGA'	15	2
>KRAS-G13A·KLVVVGAGG	10982	>KRAS-G13A·KLVVVGAGA	134	10848
>KRAS-G13A·KLVVVGAGG'	14	>KRAS-G13A·KLVVVGAGA'	25	11
>KRAS-G13A·KLVVVGAGG'	121	>KRAS-G13A·KLVVVGAGA'	259	138
>KRAS-G13A·KLVVVGAGG	19686	>KRAS-G13A·KLVVVGAGA	116	19570
>KRAS-G13A·KLVVVGAGG'	6	>KRAS-G13A·KLVVVGAGA'	9	3
>KRAS-G13A·YKLVVVGAGC	423	>KRAS-G13A·YKLVVVGAG/	331	92
>KRAS-G13A·YKLVVVGAGC	220	>KRAS-G13A·YKLVVVGAG/	235	15
>KRAS-G13A·YKLVVVGAGC	696	>KRAS-G13A·YKLVVVGAG/	110	586
>KRAS-G13A·YKLVVVGAGC	3285	>KRAS-G13A·YKLVVVGAG/	272	3013
>KRAS-G13C·GVGKSALTI	1770	>KRAS-G13C·CVGKSALTI	113	1657
>KRAS-G13C·AGGVGKSALT	1153	>KRAS-G13C·AGCVGKSALT	393	760
>KRAS-G13C·VVGAGGVGK	326	>KRAS-G13C·VVGAGCVGK	280	46
>KRAS-G13C·VVGAGGVGK	89	>KRAS-G13C·VVGAGCVGK	105	16
>KRAS-G13C·VVVGAGGV	117	>KRAS-G13C·VVVGAGCV	884	767
>KRAS-G13C·VVVGAGGV	68	>KRAS-G13C·VVVGAGCV	224	156
>KRAS-G13C·VVVGAGGV	139	>KRAS-G13C·VVVGAGCV	478	339
>KRAS-G13C·VVVGAGGV	707	>KRAS-G13C·VVVGAGCV	408	299
>KRAS-G13C·VVVGAGGV	23	>KRAS-G13C·VVVGAGCV	53	30
>KRAS-G13C·VVVGAGGVG	76	>KRAS-G13C·VVVGAGCVG	99	23
>KRAS-G13C·VVVGAGGVG	101	>KRAS-G13C·VVVGAGCVG	84	17
>KRAS-G13C·VVVGAGGVG	203	>KRAS-G13C·VVVGAGCVG	270	67
>KRAS-G13C·VVVGAGGV	191	>KRAS-G13C·VVVGAGCV	666	475
>KRAS-G13C·LVVVGAGGV	180	>KRAS-G13C·LVVVGAGCV	1255	1075
>KRAS-G13C·LVVVGAGGV	55	>KRAS-G13C·LVVVGAGCV	387	332
>KRAS-G13C·LVVVGAGGV	75	>KRAS-G13C·LVVVGAGCV	483	408
>KRAS-G13C·LVVVGAGGV/	284	>KRAS-G13C·LVVVGAGCV/	156	128
>KRAS-G13C·LVVVGAGGV	154	>KRAS-G13C·LVVVGAGCV	767	613
>KRAS-G13C·LVVVGAGGV	159	>KRAS-G13C·LVVVGAGCV	2355	2196
>KRAS-G13C·KLVVVGAGG'	392	>KRAS-G13C·KLVVVGAGC'	796	404
>KRAS-G13C·KLVVVGAGG'	35	>KRAS-G13C·KLVVVGAGC'	107	72
>KRAS-G13C·KLVVVGAGG	3432	>KRAS-G13C·KLVVVGAGC	117	3315
>KRAS-G13C·KLVVVGAGG'	6	>KRAS-G13C·KLVVVGAGC'	17	11
>KRAS-G13C·KLVVVGAGG'	17	>KRAS-G13C·KLVVVGAGC'	27	10
>KRAS-G13C·KLVVVGAGG'	14	>KRAS-G13C·KLVVVGAGC'	15	1
>KRAS-G13C·KLVVVGAGG'	121	>KRAS-G13C·KLVVVGAGC'	184	63
>KRAS-G13C·KLVVVGAGG'	6	>KRAS-G13C·KLVVVGAGC'	18	12
>KRAS-G13C·YKLVVVGAGC	423	>KRAS-G13C·YKLVVVGAGC	1533	1110
>KRAS-G13C·YKLVVVGAGC	220	>KRAS-G13C·YKLVVVGAGC	912	692
>KRAS-G13C·YKLVVVGAGC	696	>KRAS-G13C·YKLVVVGAGC	475	221
>KRAS-G13D·GVGKSALTIQ	7997	>KRAS-G13D·DVGKSALTIQ	377	7620
>KRAS-G13D·GGVGKSALTI	6835	>KRAS-G13D·GDVGKSALTI	83	6752

>KRAS-G13D·VVGAGGVGK	326	>KRAS-G13D·VVGAGDVGK	1537	1211
>KRAS-G13D·VVGAGGVGK	89	>KRAS-G13D·VVGAGDVGK	252	163
>KRAS-G13D·VVVGAGGV	117	>KRAS-G13D·VVVGAGDV	684	567
>KRAS-G13D·VVVGAGGV	68	>KRAS-G13D·VVVGAGDV	566	498
>KRAS-G13D·VVVGAGGV	139	>KRAS-G13D·VVVGAGDV	1106	967
>KRAS-G13D·VVVGAGGV	23	>KRAS-G13D·VVVGAGDV	59	36
>KRAS-G13D·VVVGAGGVG	76	>KRAS-G13D·VVVGAGDVG	424	348
>KRAS-G13D·VVVGAGGVG	101	>KRAS-G13D·VVVGAGDVG	223	122
>KRAS-G13D·VVVGAGGVG	203	>KRAS-G13D·VVVGAGDVG	252	49
>KRAS-G13D·VVVGAGGV	191	>KRAS-G13D·VVVGAGDV	1192	1001
>KRAS-G13D·LVVVGAGGV	180	>KRAS-G13D·LVVVGAGDV	927	747
>KRAS-G13D·LVVVGAGGV	55	>KRAS-G13D·LVVVGAGDV	1288	1233
>KRAS-G13D·LVVVGAGGV	75	>KRAS-G13D·LVVVGAGDV	315	240
>KRAS-G13D·LVVVGAGGV	284	>KRAS-G13D·LVVVGAGDV	191	93
>KRAS-G13D·LVVVGAGGV	154	>KRAS-G13D·LVVVGAGDV	1815	1661
>KRAS-G13D·LVVVGAGGV	159	>KRAS-G13D·LVVVGAGDV	2708	2549
>KRAS-G13D·KLVVVGAGG'	392	>KRAS-G13D·KLVVVGAGD'	1131	739
>KRAS-G13D·KLVVVGAGG'	35	>KRAS-G13D·KLVVVGAGD'	86	51
>KRAS-G13D·KLVVVGAGG'	6	>KRAS-G13D·KLVVVGAGD'	35	29
>KRAS-G13D·KLVVVGAGG'	17	>KRAS-G13D·KLVVVGAGD'	90	73
>KRAS-G13D·KLVVVGAGG'	14	>KRAS-G13D·KLVVVGAGD'	30	16
>KRAS-G13D·KLVVVGAGG'	121	>KRAS-G13D·KLVVVGAGD'	908	787
>KRAS-G13D·KLVVVGAGG'	6	>KRAS-G13D·KLVVVGAGD'	11	5
>KRAS-G13D·YKLVVVGAGG	423	>KRAS-G13D·YKLVVVGAGD	2388	1965
>KRAS-G13D·YKLVVVGAGG	220	>KRAS-G13D·YKLVVVGAGD	1484	1264
>KRAS-G13E·GVGKSALTI	10637	>KRAS-G13E·EVGKSALTI	121	10516
>KRAS-G13E·GVGKSALTIQ	7997	>KRAS-G13E·EVGKSALTIQ	65	7932
>KRAS-G13E·GGVGKSALTI	20660	>KRAS-G13E·GEVGKSALTI	97	20563
>KRAS-G13E·GGVGKSAL	19859	>KRAS-G13E·GEVGKSAL	9	19850
>KRAS-G13E·GGVGKSAL	37081	>KRAS-G13E·GEVGKSAL	116	36965
>KRAS-G13E·GGVGKSALTI	35104	>KRAS-G13E·GEVGKSALTI	163	34941
>KRAS-G13E·GGVGKSALTI	29343	>KRAS-G13E·GEVGKSALTI	42	29301
>KRAS-G13E·VVGAGGVGK	326	>KRAS-G13E·VVGAGEVGK	774	448
>KRAS-G13E·VVGAGGVGK	89	>KRAS-G13E·VVGAGEVGK	151	62
>KRAS-G13E·VVVGAGGV	117	>KRAS-G13E·VVVGAGEV	190	73
>KRAS-G13E·VVVGAGGV	68	>KRAS-G13E·VVVGAGEV	57	11
>KRAS-G13E·VVVGAGGV	139	>KRAS-G13E·VVVGAGEV	106	33
>KRAS-G13E·VVVGAGGV	707	>KRAS-G13E·VVVGAGEV	472	235
>KRAS-G13E·VVVGAGGV	23	>KRAS-G13E·VVVGAGEV	15	8
>KRAS-G13E·VVVGAGGVG	76	>KRAS-G13E·VVVGAGEVG	331	255
>KRAS-G13E·VVVGAGGVG	101	>KRAS-G13E·VVVGAGEVG	255	154
>KRAS-G13E·VVVGAGGVG	203	>KRAS-G13E·VVVGAGEVG	420	217
>KRAS-G13E·VVVGAGGV	191	>KRAS-G13E·VVVGAGEV	147	44



>KRAS-G13E-LVVVGAGGV	180	>KRAS-G13E-LVVVGAGEV	205	25
>KRAS-G13E-LVVVGAGGV	55	>KRAS-G13E-LVVVGAGEV	69	14
>KRAS-G13E-LVVVGAGGV	75	>KRAS-G13E-LVVVGAGEV	51	24
>KRAS-G13E-LVVVGAGGV	284	>KRAS-G13E-LVVVGAGEV	178	106
>KRAS-G13E-LVVVGAGGV	154	>KRAS-G13E-LVVVGAGEV	149	5
>KRAS-G13E-LVVVGAGGV	159	>KRAS-G13E-LVVVGAGEV	377	218
>KRAS-G13E-KLVVVGAGG'	392	>KRAS-G13E-KLVVVGAGE\	460	68
>KRAS-G13E-KLVVVGAGG'	35	>KRAS-G13E-KLVVVGAGE\	43	8
>KRAS-G13E-KLVVVGAGG'	6	>KRAS-G13E-KLVVVGAGE\	6	0
>KRAS-G13E-KLVVVGAGG'	17	>KRAS-G13E-KLVVVGAGE\	23	6
>KRAS-G13E-KLVVVGAGG'	14	>KRAS-G13E-KLVVVGAGE\	15	1
>KRAS-G13E-KLVVVGAGG'	121	>KRAS-G13E-KLVVVGAGE\	263	142
>KRAS-G13E-KLVVVGAGG'	6	>KRAS-G13E-KLVVVGAGE\	6	0
>KRAS-G13E-YKLVVVGAGG'	423	>KRAS-G13E-YKLVVVGAGE\	469	46
>KRAS-G13E-YKLVVVGAGG'	220	>KRAS-G13E-YKLVVVGAGE\	220	0
>KRAS-G13E-YKLVVVGAGG'	696	>KRAS-G13E-YKLVVVGAGE\	286	410
>KRAS-G13I-I GVGKSALTI	931	>KRAS-G13I-I IGVKSALTI	469	462
>KRAS-G13I-I GGVGKSAL	8920	>KRAS-G13I-I GIVGKSAL	477	8443
>KRAS-G13I-I GGVGKSALTI	16470	>KRAS-G13I-I GIVGKSALTI	328	16142
>KRAS-G13I-I GGVGKSAL	22247	>KRAS-G13I-I GIVGKSAL	256	21991
>KRAS-G13I-I GGVGKSALTI	16334	>KRAS-G13I-I GIVGKSALTI	392	15942
>KRAS-G13I-I EYKLVVVGAGG'	14570	>KRAS-G13I-I EYKLVVVGAGG'	499	14071
>KRAS-G13I-I VVGAGGVGK	326	>KRAS-G13I-I VVGAGIVGK	152	174
>KRAS-G13I-I VVGAGGVGK	89	>KRAS-G13I-I VVGAGIVGK	43	46
>KRAS-G13I-I VVVGAGGV	117	>KRAS-G13I-I VVVGAGIV	311	194
>KRAS-G13I-I VVVGAGGV	68	>KRAS-G13I-I VVVGAGIV	183	115
>KRAS-G13I-I VVVGAGGV	139	>KRAS-G13I-I VVVGAGIV	589	450
>KRAS-G13I-I VVVGAGGV	23	>KRAS-G13I-I VVVGAGIV	47	24
>KRAS-G13I-I VVVGAGGVG	76	>KRAS-G13I-I VVVGAGIVG†	91	15
>KRAS-G13I-I VVVGAGGVG	101	>KRAS-G13I-I VVVGAGIVG†	91	10
>KRAS-G13I-I VVVGAGGVG	203	>KRAS-G13I-I VVVGAGIVG†	343	140
>KRAS-G13I-I VVVGAGGV	191	>KRAS-G13I-I VVVGAGIV	805	614
>KRAS-G13I-I LVVVGAGGV	180	>KRAS-G13I-I LVVVGAGIV	432	252
>KRAS-G13I-I LVVVGAGG	9304	>KRAS-G13I-I LVVVGAGI	147	9157
>KRAS-G13I-I LVVVGAGGV	55	>KRAS-G13I-I LVVVGAGIV	322	267
>KRAS-G13I-I LVVVGAGGV	75	>KRAS-G13I-I LVVVGAGIV	374	299
>KRAS-G13I-I LVVVGAGGV\	572	>KRAS-G13I-I LVVVGAGIVC	398	174
>KRAS-G13I-I LVVVGAGGV\	284	>KRAS-G13I-I LVVVGAGIVC	176	108
>KRAS-G13I-I LVVVGAGG	12829	>KRAS-G13I-I LVVVGAGI	462	12367
>KRAS-G13I-I LVVVGAGGV	154	>KRAS-G13I-I LVVVGAGIV	1041	887
>KRAS-G13I-I LVVVGAGGV	159	>KRAS-G13I-I LVVVGAGIV	1230	1071
>KRAS-G13I-I KLVVVGAGG	4751	>KRAS-G13I-I KLVVVGAGI	191	4560
>KRAS-G13I-I KLVVVGAGG'	392	>KRAS-G13I-I KLVVVGAGIV	726	334

>KRAS-G13I-I KLVVVGAGG	5824	>KRAS-G13I-I KLVVVGAGI	40	5784
>KRAS-G13I-I KLVVVGAGG'	35	>KRAS-G13I-I KLVVVGAGIV	72	37
>KRAS-G13I-I KLVVVGAGG	9366	>KRAS-G13I-I KLVVVGAGI	176	9190
>KRAS-G13I-I KLVVVGAGG	3432	>KRAS-G13I-I KLVVVGAGI	11	3421
>KRAS-G13I-I KLVVVGAGG'	6	>KRAS-G13I-I KLVVVGAGIV	22	16
>KRAS-G13I-I KLVVVGAGG	8199	>KRAS-G13I-I KLVVVGAGI	34	8165
>KRAS-G13I-I KLVVVGAGG'	17	>KRAS-G13I-I KLVVVGAGIV	29	12
>KRAS-G13I-I KLVVVGAGG	10982	>KRAS-G13I-I KLVVVGAGI	74	10908
>KRAS-G13I-I KLVVVGAGG'	14	>KRAS-G13I-I KLVVVGAGIV	27	13
>KRAS-G13I-I KLVVVGAGG'	121	>KRAS-G13I-I KLVVVGAGIV	474	353
>KRAS-G13I-I KLVVVGAGG	19686	>KRAS-G13I-I KLVVVGAGI	98	19588
>KRAS-G13I-I KLVVVGAGG'	6	>KRAS-G13I-I KLVVVGAGIV	14	8
>KRAS-G13I-I YKLVVVGAGC	27443	>KRAS-G13I-I YKLVVVGAGI	451	26992
>KRAS-G13I-I YKLVVVGAGC	423	>KRAS-G13I-I YKLVVVGAGI	1197	774
>KRAS-G13I-I YKLVVVGAGC	220	>KRAS-G13I-I YKLVVVGAGI	997	777
>KRAS-G13I-I YKLVVVGAGC	6435	>KRAS-G13I-I YKLVVVGAGI	96	6339
>KRAS-G13I-I YKLVVVGAGC	696	>KRAS-G13I-I YKLVVVGAGI	319	377
>KRAS-G13N GVGKSALTIQ	7997	>KRAS-G13N NVGKSALTIQ	360	7637
>KRAS-G13N VVGAGGVGK	326	>KRAS-G13N VVGAGNVGK	344	18
>KRAS-G13N VVGAGGVGK	89	>KRAS-G13N VVGAGNVGK	91	2
>KRAS-G13N VVVGAGGV	117	>KRAS-G13N VVVGAGNV	160	43
>KRAS-G13N VVVGAGGV	68	>KRAS-G13N VVVGAGNV	172	104
>KRAS-G13N VVVGAGGV	139	>KRAS-G13N VVVGAGNV	325	186
>KRAS-G13N VVVGAGGV	23	>KRAS-G13N VVVGAGNV	29	6
>KRAS-G13N VVVGAGGVG	76	>KRAS-G13N VVVGAGNVG	102	26
>KRAS-G13N VVVGAGGVG	101	>KRAS-G13N VVVGAGNVG	118	17
>KRAS-G13N VVVGAGGVG	203	>KRAS-G13N VVVGAGNVG	222	19
>KRAS-G13N VVVGAGGV	191	>KRAS-G13N VVVGAGNV	240	49
>KRAS-G13N LVVVGAGGV	180	>KRAS-G13N LVVVGAGNV	238	58
>KRAS-G13N LVVVGAGGV	55	>KRAS-G13N LVVVGAGNV	292	237
>KRAS-G13N LVVVGAGGV	75	>KRAS-G13N LVVVGAGNV	149	74
>KRAS-G13N LVVVGAGGV/	284	>KRAS-G13N LVVVGAGNV/	155	129
>KRAS-G13N LVVVGAGGV	154	>KRAS-G13N LVVVGAGNV	258	104
>KRAS-G13N LVVVGAGGV	159	>KRAS-G13N LVVVGAGNV	274	115
>KRAS-G13N KLVVVGAGG'	392	>KRAS-G13N KLVVVGAGN'	471	79
>KRAS-G13N KLVVVGAGG'	35	>KRAS-G13N KLVVVGAGN'	42	7
>KRAS-G13N KLVVVGAGG'	6	>KRAS-G13N KLVVVGAGN'	11	5
>KRAS-G13N KLVVVGAGG'	17	>KRAS-G13N KLVVVGAGN'	31	14
>KRAS-G13N KLVVVGAGG'	14	>KRAS-G13N KLVVVGAGN'	18	4
>KRAS-G13N KLVVVGAGG'	121	>KRAS-G13N KLVVVGAGN'	253	132
>KRAS-G13N KLVVVGAGG'	6	>KRAS-G13N KLVVVGAGN'	8	2
>KRAS-G13N YKLVVVGAGC	423	>KRAS-G13N YKLVVVGAGI	1251	828
>KRAS-G13N YKLVVVGAGC	220	>KRAS-G13N YKLVVVGAGI	482	262

>KRAS-G13N YKLVVVGAGC	696	>KRAS-G13N YKLVVVGAGI	309	387
>KRAS-G13R·GVGKSALTI	7082	>KRAS-G13R·RVGKSALTI	228	6854
>KRAS-G13R·GVGKSALTI	931	>KRAS-G13R·RVGKSALTI	32	899
>KRAS-G13R·GVGKSALTIQ	2938	>KRAS-G13R·RVGKSALTIQ	164	2774
>KRAS-G13R·GVGKSALTI	3659	>KRAS-G13R·RVGKSALTI	103	3556
>KRAS-G13R·GVGKSALTIQ	3750	>KRAS-G13R·RVGKSALTIQ	154	3596
>KRAS-G13R·GVGKSALTI	1770	>KRAS-G13R·RVGKSALTI	156	1614
>KRAS-G13R·GGVGKSAL	24066	>KRAS-G13R·GRVGKSAL	305	23761
>KRAS-G13R·GGVGKSALTI	25754	>KRAS-G13R·GRVGKSALTI	67	25687
>KRAS-G13R·GGVGKSAL	10361	>KRAS-G13R·GRVGKSAL	180	10181
>KRAS-G13R·EYKLVVVGAC	22681	>KRAS-G13R·EYKLVVVGAC	274	22407
>KRAS-G13R·EYKLVVVGAC	13124	>KRAS-G13R·EYKLVVVGAC	13	13111
>KRAS-G13R·EYKLVVVGAC	33720	>KRAS-G13R·EYKLVVVGAC	55	33665
>KRAS-G13R·EYKLVVVGAC	33699	>KRAS-G13R·EYKLVVVGAC	134	33565
>KRAS-G13R·AGGVGKSA	14619	>KRAS-G13R·AGRVGKSA	304	14315
>KRAS-G13R·AGGVGKSALT	11556	>KRAS-G13R·AGRVGKSALT	101	11455
>KRAS-G13R·AGGVGKSAL	10826	>KRAS-G13R·AGRVGKSAL	203	10623
>KRAS-G13R·AGGVGKSAL	5873	>KRAS-G13R·AGRVGKSAL	472	5401
>KRAS-G13R·VVGAGGVGK	326	>KRAS-G13R·VVGAGRVGK	177	149
>KRAS-G13R·VVGAGGVGK	89	>KRAS-G13R·VVGAGRVGK	71	18
>KRAS-G13R·VVVGAGGV	117	>KRAS-G13R·VVVGAGRV	339	222
>KRAS-G13R·VVVGAGGV	68	>KRAS-G13R·VVVGAGRV	301	233
>KRAS-G13R·VVVGAGGV	139	>KRAS-G13R·VVVGAGRV	204	65
>KRAS-G13R·VVVGAGGV	23	>KRAS-G13R·VVVGAGRV	23	0
>KRAS-G13R·VVVGAGGVG	76	>KRAS-G13R·VVVGAGRVG	123	47
>KRAS-G13R·VVVGAGGVG	101	>KRAS-G13R·VVVGAGRVG	206	105
>KRAS-G13R·VVVGAGGVG	203	>KRAS-G13R·VVVGAGRVG	367	164
>KRAS-G13R·VVVGAGGV	191	>KRAS-G13R·VVVGAGRV	418	227
>KRAS-G13R·LVVVGAGGV	180	>KRAS-G13R·LVVVGAGRV	431	251
>KRAS-G13R·LVVVGAGGV	55	>KRAS-G13R·LVVVGAGRV	309	254
>KRAS-G13R·LVVVGAGGV	75	>KRAS-G13R·LVVVGAGRV	62	13
>KRAS-G13R·LVVVGAGG	24403	>KRAS-G13R·LVVVGAGR	454	23949
>KRAS-G13R·LVVVGAGG	30683	>KRAS-G13R·LVVVGAGR	58	30625
>KRAS-G13R·LVVVGAGGV	284	>KRAS-G13R·LVVVGAGRV	173	111
>KRAS-G13R·LVVVGAGGV	154	>KRAS-G13R·LVVVGAGRV	297	143
>KRAS-G13R·LVVVGAGGV	159	>KRAS-G13R·LVVVGAGRV	803	644
>KRAS-G13R·KLVVVGAGG	392	>KRAS-G13R·KLVVVGAGR	613	221
>KRAS-G13R·KLVVVGAGG	35	>KRAS-G13R·KLVVVGAGR	89	54
>KRAS-G13R·KLVVVGAGG	6	>KRAS-G13R·KLVVVGAGR	7	1
>KRAS-G13R·KLVVVGAGG	17	>KRAS-G13R·KLVVVGAGR	51	34
>KRAS-G13R·KLVVVGAGG	14	>KRAS-G13R·KLVVVGAGR	25	11
>KRAS-G13R·KLVVVGAGG	121	>KRAS-G13R·KLVVVGAGR	344	223
>KRAS-G13R·KLVVVGAGG	6	>KRAS-G13R·KLVVVGAGR	6	0

>KRAS-G13R·KLVVVGAGG	15957	>KRAS-G13R·KLVVVGAGR	33	15924
>KRAS-G13R·KLVVVGAGG	36193	>KRAS-G13R·KLVVVGAGR	324	35869
>KRAS-G13R·YKLVVVGAGC	423	>KRAS-G13R·YKLVVVGAGF	1425	1002
>KRAS-G13R·YKLVVVGAGC	220	>KRAS-G13R·YKLVVVGAGF	304	84
>KRAS-G13S·GVGKSALTI	931	>KRAS-G13S·SVGKSALTI	237	694
>KRAS-G13S·GVGKSALTI	1770	>KRAS-G13S·SVGKSALTI	427	1343
>KRAS-G13S·GGVGKSAL	7093	>KRAS-G13S·GSVGKSAL	19	7074
>KRAS-G13S·GGVGKSALTI	2287	>KRAS-G13S·GSVGKSALTI	11	2276
>KRAS-G13S·GGVGKSALTI	12759	>KRAS-G13S·GSVGKSALTI	118	12641
>KRAS-G13S·VVGAGGVGK	326	>KRAS-G13S·VVGAGSVGK	139	187
>KRAS-G13S·VVGAGGVGK	89	>KRAS-G13S·VVGAGSVGK	60	29
>KRAS-G13S·VVVGAGGV	117	>KRAS-G13S·VVVGAGSV	80	37
>KRAS-G13S·VVVGAGGV	68	>KRAS-G13S·VVVGAGSV	51	17
>KRAS-G13S·VVVGAGGV	139	>KRAS-G13S·VVVGAGSV	142	3
>KRAS-G13S·VVVGAGGV	23	>KRAS-G13S·VVVGAGSV	14	9
>KRAS-G13S·VVVGAGGVG	76	>KRAS-G13S·VVVGAGSVG	55	21
>KRAS-G13S·VVVGAGGVG	101	>KRAS-G13S·VVVGAGSVG	80	21
>KRAS-G13S·VVVGAGGVG	203	>KRAS-G13S·VVVGAGSVG	149	54
>KRAS-G13S·VVVGAGGV	191	>KRAS-G13S·VVVGAGSV	237	46
>KRAS-G13S·LVVVGAGGV	180	>KRAS-G13S·LVVVGAGSV	141	39
>KRAS-G13S·LVVVGAGGV	55	>KRAS-G13S·LVVVGAGSV	54	1
>KRAS-G13S·LVVVGAGGV	75	>KRAS-G13S·LVVVGAGSV	59	16
>KRAS-G13S·LVVVGAGGV\	572	>KRAS-G13S·LVVVGAGSV\	429	143
>KRAS-G13S·LVVVGAGGV\	284	>KRAS-G13S·LVVVGAGSV\	189	95
>KRAS-G13S·LVVVGAGGV	154	>KRAS-G13S·LVVVGAGSV	226	72
>KRAS-G13S·LVVVGAGGV	159	>KRAS-G13S·LVVVGAGSV	306	147
>KRAS-G13S·KLVVVGAGG\	392	>KRAS-G13S·KLVVVGAGS\	248	144
>KRAS-G13S·KLVVVGAGG\	35	>KRAS-G13S·KLVVVGAGS\	27	8
>KRAS-G13S·KLVVVGAGG\	6	>KRAS-G13S·KLVVVGAGS\	7	1
>KRAS-G13S·KLVVVGAGG\	17	>KRAS-G13S·KLVVVGAGS\	19	2
>KRAS-G13S·KLVVVGAGG\	14	>KRAS-G13S·KLVVVGAGS\	18	4
>KRAS-G13S·KLVVVGAGG\	121	>KRAS-G13S·KLVVVGAGS\	213	92
>KRAS-G13S·KLVVVGAGG\	6	>KRAS-G13S·KLVVVGAGS\	6	0
>KRAS-G13S·YKLVVVGAGC	423	>KRAS-G13S·YKLVVVGAGS	357	66
>KRAS-G13S·YKLVVVGAGC	220	>KRAS-G13S·YKLVVVGAGS	267	47
>KRAS-G13S·YKLVVVGAGC	696	>KRAS-G13S·YKLVVVGAGS	152	544
>KRAS-G13V·GGVGKSALTI	16334	>KRAS-G13V·GVVGKSALTI	327	16007
>KRAS-G13V·GGVGKSALTI	2287	>KRAS-G13V·GVVGKSALTI	424	1863
>KRAS-G13V·VVGAGGVGK	326	>KRAS-G13V·VVGAGVVGK	194	132
>KRAS-G13V·VVGAGGVGK	89	>KRAS-G13V·VVGAGVVGK	52	37
>KRAS-G13V·VVVGAGGV	117	>KRAS-G13V·VVVGAGVV	360	243
>KRAS-G13V·VVVGAGGV	68	>KRAS-G13V·VVVGAGVV	167	99
>KRAS-G13V·VVVGAGGV	139	>KRAS-G13V·VVVGAGVV	257	118

>KRAS-G13V·VVVGAGGV	23	>KRAS-G13V·VVVGAGVV	32	9
>KRAS-G13V·VVVGAGGVG	76	>KRAS-G13V·VVVGAGVVG	101	25
>KRAS-G13V·VVVGAGGVG	101	>KRAS-G13V·VVVGAGVVG	93	8
>KRAS-G13V·VVVGAGGVG	203	>KRAS-G13V·VVVGAGVVG	312	109
>KRAS-G13V·VVVGAGGV	191	>KRAS-G13V·VVVGAGVV	456	265
>KRAS-G13V·LVVVGAGG	15460	>KRAS-G13V·LVVVGAGV	101	15359
>KRAS-G13V·LVVVGAGGV	180	>KRAS-G13V·LVVVGAGVV	513	333
>KRAS-G13V·LVVVGAGG	9304	>KRAS-G13V·LVVVGAGV	25	9279
>KRAS-G13V·LVVVGAGGV	55	>KRAS-G13V·LVVVGAGVV	287	232
>KRAS-G13V·LVVVGAGG	24657	>KRAS-G13V·LVVVGAGV	200	24457
>KRAS-G13V·LVVVGAGG	32001	>KRAS-G13V·LVVVGAGV	19	31982
>KRAS-G13V·LVVVGAGGV	75	>KRAS-G13V·LVVVGAGVV	239	164
>KRAS-G13V·LVVVGAGGV\	572	>KRAS-G13V·LVVVGAGVV\	455	117
>KRAS-G13V·LVVVGAGGV\	284	>KRAS-G13V·LVVVGAGVV\	190	94
>KRAS-G13V·LVVVGAGG	12829	>KRAS-G13V·LVVVGAGV	98	12731
>KRAS-G13V·LVVVGAGGV	154	>KRAS-G13V·LVVVGAGVV	647	493
>KRAS-G13V·LVVVGAGG	18119	>KRAS-G13V·LVVVGAGV	154	17965
>KRAS-G13V·LVVVGAGGV	159	>KRAS-G13V·LVVVGAGVV	1087	928
>KRAS-G13V·KLVVVGAGG	21158	>KRAS-G13V·KLVVVGAGV	116	21042
>KRAS-G13V·KLVVVGAGG	4751	>KRAS-G13V·KLVVVGAGV	35	4716
>KRAS-G13V·KLVVVGAGG\	392	>KRAS-G13V·KLVVVGAGV\	633	241
>KRAS-G13V·KLVVVGAGG	5824	>KRAS-G13V·KLVVVGAGV	11	5813
>KRAS-G13V·KLVVVGAGG\	35	>KRAS-G13V·KLVVVGAGV\	69	34
>KRAS-G13V·KLVVVGAGG	9366	>KRAS-G13V·KLVVVGAGV	25	9341
>KRAS-G13V·KLVVVGAGG	3432	>KRAS-G13V·KLVVVGAGV	3	3429
>KRAS-G13V·KLVVVGAGG\	6	>KRAS-G13V·KLVVVGAGV\	9	3
>KRAS-G13V·KLVVVGAGG	8199	>KRAS-G13V·KLVVVGAGV	7	8192
>KRAS-G13V·KLVVVGAGG\	17	>KRAS-G13V·KLVVVGAGV\	24	7
>KRAS-G13V·KLVVVGAGG	10982	>KRAS-G13V·KLVVVGAGV	7	10975
>KRAS-G13V·KLVVVGAGG\	14	>KRAS-G13V·KLVVVGAGV\	24	10
>KRAS-G13V·KLVVVGAGG	23960	>KRAS-G13V·KLVVVGAGV	23	23937
>KRAS-G13V·KLVVVGAGG\	121	>KRAS-G13V·KLVVVGAGV\	281	160
>KRAS-G13V·KLVVVGAGG	19686	>KRAS-G13V·KLVVVGAGV	4	19682
>KRAS-G13V·KLVVVGAGG\	6	>KRAS-G13V·KLVVVGAGV\	11	5
>KRAS-G13V·YKLVVVGAGC	17386	>KRAS-G13V·YKLVVVGAG\	259	17127
>KRAS-G13V·YKLVVVGAGC	423	>KRAS-G13V·YKLVVVGAG\	1182	759
>KRAS-G13V·YKLVVVGAGC	16719	>KRAS-G13V·YKLVVVGAG\	50	16669
>KRAS-G13V·YKLVVVGAGC	220	>KRAS-G13V·YKLVVVGAG\	503	283
>KRAS-G13V·YKLVVVGAGC	21323	>KRAS-G13V·YKLVVVGAG\	164	21159
>KRAS-G13V·YKLVVVGAGC	6435	>KRAS-G13V·YKLVVVGAG\	140	6295
>KRAS-G13V·YKLVVVGAGC	696	>KRAS-G13V·YKLVVVGAG\	206	490
>KRAS-G13V·YKLVVVGAGC	3285	>KRAS-G13V·YKLVVVGAG\	361	2924
>KRAS-G15D·GKSALTIQL	414	>KRAS-G15D·DKSALTIQL	453	39

>KRAS-G15D·VGKSALTIQLI	15155	>KRAS-G15D·VDKSALTIQLI	171	14984
>KRAS-G15D·VGKSALTI	11071	>KRAS-G15D·VDKSALTI	106	10965
>KRAS-G15D·VGKSALTIQLI	11759	>KRAS-G15D·VDKSALTIQLI	120	11639
>KRAS-G15D·VVGAGGVGK	326	>KRAS-G15D·VVGAGGVDK	651	325
>KRAS-G15D·VVGAGGVGK	89	>KRAS-G15D·VVGAGGVDK	205	116
>KRAS-G15D·VVVGAGGVG	76	>KRAS-G15D·VVVGAGGVD	187	111
>KRAS-G15D·VVVGAGGVG	101	>KRAS-G15D·VVVGAGGVD	132	31
>KRAS-G15D·VVVGAGGVG	203	>KRAS-G15D·VVVGAGGVD	412	209
>KRAS-G15D·LVVVGAGGV	284	>KRAS-G15D·LVVVGAGGV	564	280
>KRAS-G15S·GKSALTIQL	960	>KRAS-G15S·SKSALTIQL	323	637
>KRAS-G15S·GKSALTIQLI	907	>KRAS-G15S·SKSALTIQLI	313	594
>KRAS-G15S·GKSALTIQL	414	>KRAS-G15S·SKSALTIQL	68	346
>KRAS-G15S·VGKSALTI	2725	>KRAS-G15S·VSKSALTI	229	2496
>KRAS-G15S·VGKSALTIQLI	3129	>KRAS-G15S·VSKSALTIQLI	210	2919
>KRAS-G15S·VGKSALTI	5003	>KRAS-G15S·VSKSALTI	38	4965
>KRAS-G15S·VGKSALTIQL	5862	>KRAS-G15S·VSKSALTIQL	36	5826
>KRAS-G15S·VGKSALTIQLI	17511	>KRAS-G15S·VSKSALTIQLI	387	17124
>KRAS-G15S·VGKSALTI	15780	>KRAS-G15S·VSKSALTI	410	15370
>KRAS-G15S·VGKSALTIQL	6745	>KRAS-G15S·VSKSALTIQL	233	6512
>KRAS-G15S·VGKSALTIQLI	5596	>KRAS-G15S·VSKSALTIQLI	203	5393
>KRAS-G15S·VGKSALTIQ	5707	>KRAS-G15S·VSKSALTIQ	440	5267
>KRAS-G15S·VGKSALTIQL	6291	>KRAS-G15S·VSKSALTIQL	348	5943
>KRAS-G15S·VGKSALTIQLI	2128	>KRAS-G15S·VSKSALTIQLI	146	1982
>KRAS-G15S·VGKSALTI	1912	>KRAS-G15S·VSKSALTI	93	1819
>KRAS-G15S·VGKSALTIQLI	2698	>KRAS-G15S·VSKSALTIQLI	162	2536
>KRAS-G15S·GVGKSALTI	2042	>KRAS-G15S·GVSKSALTI	440	1602
>KRAS-G15S·VVGAGGVGK	326	>KRAS-G15S·VVGAGGVSK	185	141
>KRAS-G15S·VVGAGGVGK	89	>KRAS-G15S·VVGAGGVSK	64	25
>KRAS-G15S·VVVGAGGVG	76	>KRAS-G15S·VVVGAGGVVS	61	15
>KRAS-G15S·VVVGAGGVG	101	>KRAS-G15S·VVVGAGGVVS	54	47
>KRAS-G15S·VVVGAGGVG	203	>KRAS-G15S·VVVGAGGVVS	259	56
>KRAS-G15S·LVVVGAGGV	572	>KRAS-G15S·LVVVGAGGV	419	153
>KRAS-G15S·LVVVGAGGV	284	>KRAS-G15S·LVVVGAGGV	327	43
>KRAS-G60A·GQEEYSAM	497	>KRAS-G60A·AQEEYSAM	153	344
>KRAS-G60A·GQEEYSAMR	385	>KRAS-G60A·AQEEYSAMR	183	202
>KRAS-G60A·GQEEYSAM	562	>KRAS-G60A·AQEEYSAM	231	331
>KRAS-G60A·GQEEYSAM	658	>KRAS-G60A·AQEEYSAM	90	568
>KRAS-G60A·GQEEYSAM	347	>KRAS-G60A·AQEEYSAM	72	275
>KRAS-G60A·AGQEEYSAM	21181	>KRAS-G60A·AAQEEYSAM	223	20958
>KRAS-G60A·AGQEEYSAM	2893	>KRAS-G60A·AAQEEYSAM	361	2532
>KRAS-G60A·AGQEEYSAM	12431	>KRAS-G60A·AAQEEYSAM	432	11999
>KRAS-G60A·AGQEEYSAM	1842	>KRAS-G60A·AAQEEYSAM	121	1721
>KRAS-G60A·TAGQEEYSAM	56	>KRAS-G60A·TAAQEEYSAM	6	50

>KRAS-G60A·DTAGQEEY	387	>KRAS-G60A·DTAAQEEY	224	163
>KRAS-G60A·DTAGQEEY	94	>KRAS-G60A·DTAAQEEY	212	118
>KRAS-G60A·DTAGQEEYSA	491	>KRAS-G60A·DTAAQEEYSA	970	479
>KRAS-G60A·DTAGQEEY	28	>KRAS-G60A·DTAAQEEY	63	35
>KRAS-G60A·DTAGQEEYSA	20	>KRAS-G60A·DTAAQEEYSA	34	14
>KRAS-G60A·DTAGQEEY	8	>KRAS-G60A·DTAAQEEY	11	3
>KRAS-G60A·DTAGQEEYSA	6	>KRAS-G60A·DTAAQEEYSA	8	2
>KRAS-G60A·DTAGQEEYSA	223	>KRAS-G60A·DTAAQEEYSA	333	110
>KRAS-G60A·DTAGQEEY	245	>KRAS-G60A·DTAAQEEY	466	221
>KRAS-G60A·DTAGQEEY	89	>KRAS-G60A·DTAAQEEY	71	18
>KRAS-G60A·DTAGQEEYS	408	>KRAS-G60A·DTAAQEEYS	258	150
>KRAS-G60A·DTAGQEEYSA	613	>KRAS-G60A·DTAAQEEYSA	191	422
>KRAS-G60A·DTAGQEEYSA	389	>KRAS-G60A·DTAAQEEYSA	272	117
>KRAS-G60A·DTAGQEEYSA	666	>KRAS-G60A·DTAAQEEYSA	420	246
>KRAS-G60A·DTAGQEEYSA	449	>KRAS-G60A·DTAAQEEYSA	419	30
>KRAS-G60A·ILDTAGQEEY	135	>KRAS-G60A·ILDTAQEEY	106	29
>KRAS-G60A·ILDTAGQEEY	349	>KRAS-G60A·ILDTAQEEY	278	71
>KRAS-G60A·ILDTAGQEEY	463	>KRAS-G60A·ILDTAQEEY	457	6
>KRAS-G60A·DILDTAGQEE	150	>KRAS-G60A·DILDTAQEE	131	19
>KRAS-G60A·DILDTAGQEE	183	>KRAS-G60A·DILDTAQEE	248	65
>KRAS-G60A·LLDILDTAG	5618	>KRAS-G60A·LLDILDTA	278	5340
>KRAS-G60A·LLDILDTAG	7958	>KRAS-G60A·LLDILDTA	220	7738
>KRAS-G60A·LLDILDTAG	11030	>KRAS-G60A·LLDILDTA	148	10882
>KRAS-G60A·LLDILDTAG	19534	>KRAS-G60A·LLDILDTA	91	19443
>KRAS-G60A·LLDILDTAGQ	401	>KRAS-G60A·LLDILDTAQ	775	374
>KRAS-G60A·CLLDILDTAG	2990	>KRAS-G60A·CLLDILDTA	143	2847
>KRAS-G60A·CLLDILDTAG	4093	>KRAS-G60A·CLLDILDTA	77	4016
>KRAS-G60A·CLLDILDTAG	10134	>KRAS-G60A·CLLDILDTA	207	9927
>KRAS-G60A·CLLDILDTAG	6482	>KRAS-G60A·CLLDILDTA	119	6363
>KRAS-G60A·CLLDILDTAG	3093	>KRAS-G60A·CLLDILDTA	51	3042
>KRAS-G60A·CLLDILDTAG	4659	>KRAS-G60A·CLLDILDTA	60	4599
>KRAS-G60A·CLLDILDTAG	12191	>KRAS-G60A·CLLDILDTA	187	12004
>KRAS-G60A·CLLDILDTAG	10208	>KRAS-G60A·CLLDILDTA	83	10125
>KRAS-G60A·CLLDILDTAGC	479	>KRAS-G60A·CLLDILDTAAC	933	454
>KRAS-G60A·CLLDILDTAG	11181	>KRAS-G60A·CLLDILDTA	41	11140
>KRAS-G60A·CLLDILDTAGC	138	>KRAS-G60A·CLLDILDTAAC	243	105
>KRAS-H27L·NHFVDEYDPTI	294	>KRAS-H27L·NLFVDEYDPTI	291	3
>KRAS-H27L·NHFVDEYDPTI	21655	>KRAS-H27L·NLFVDEYDPT	117	21538
>KRAS-H27L·NHFVDEYDPTI	22559	>KRAS-H27L·NLFVDEYDPT	251	22308
>KRAS-H27L·NHFVDEYDPTI	17571	>KRAS-H27L·NLFVDEYDPT	174	17397
>KRAS-H27L·NHFVDEYDPTI	18377	>KRAS-H27L·NLFVDEYDPT	41	18336
>KRAS-H27L·NHFVDEYDPTI	16420	>KRAS-H27L·NLFVDEYDPT	26	16394
>KRAS-H27L·NHFVDEYDPTI	19291	>KRAS-H27L·NLFVDEYDPT	49	19242

>KRAS-H27L- NHFVDEYDPT	21198	>KRAS-H27L- NLFVDEYDPT	350	20848
>KRAS-H27L- NHFVDEYDPT	32566	>KRAS-H27L- NLFVDEYDPT	69	32497
>KRAS-H27L- NHFVDEYDPT	326	>KRAS-H27L- NLFVDEYDPT	11748	11422
>KRAS-H27L- IQNHVFDEY	69	>KRAS-H27L- IQNLFVDEY	317	248
>KRAS-H27L- IQNHVFDEY	65	>KRAS-H27L- IQNLFVDEY	150	85
>KRAS-H27L- IQNHVFDEY	5	>KRAS-H27L- IQNLFVDEY	23	18
>KRAS-H27L- LIQNHVFDEY	680	>KRAS-H27L- LIQNLFVDEY	432	248
>KRAS-H27L- LIQNHVFDEY	91	>KRAS-H27L- LIQNLFVDEY	142	51
>KRAS-H27L- LIQNHVFDEY	342	>KRAS-H27L- LIQNLFVDEY	339	3
>KRAS-H27L- QLIQNHFV	42	>KRAS-H27L- QLIQNLFV	23	19
>KRAS-H27L- QLIQNHFV	10	>KRAS-H27L- QLIQNLFV	14	4
>KRAS-H27L- QLIQNHFV	25	>KRAS-H27L- QLIQNLFV	17	8
>KRAS-H27L- QLIQNHFV	23	>KRAS-H27L- QLIQNLFV	11	12
>KRAS-H27L- QLIQNHFV	4	>KRAS-H27L- QLIQNLFV	6	2
>KRAS-H27L- QLIQNHFV	6	>KRAS-H27L- QLIQNLFV	8	2
>KRAS-H27L- QLIQNHFV	15	>KRAS-H27L- QLIQNLFV	17	2
>KRAS-H27L- QLIQNHFV	15	>KRAS-H27L- QLIQNLFV	29	14
>KRAS-H27L- QLIQNHFV	3	>KRAS-H27L- QLIQNLFV	4	1
>KRAS-H27L- QLIQNHFVDE	42	>KRAS-H27L- QLIQNLFVDE	14	28
>KRAS-H27L- QLIQNHFVDE	51	>KRAS-H27L- QLIQNLFVDE	69	18
>KRAS-H27L- QLIQNHFVDE	328	>KRAS-H27L- QLIQNLFVDE	317	11
>KRAS-H27L- QLIQNHFV	92	>KRAS-H27L- QLIQNLFV	296	204
>KRAS-H27L- QLIQNHFV	41	>KRAS-H27L- QLIQNLFV	99	58
>KRAS-H27L- QLIQNHFVDE	188	>KRAS-H27L- QLIQNLFVDE	253	65
>KRAS-H27L- QLIQNHFVDE	124	>KRAS-H27L- QLIQNLFVDE	178	54
>KRAS-H27L- QLIQNHFVDE	158	>KRAS-H27L- QLIQNLFVDE	262	104
>KRAS-H27L- QLIQNHFVDE	345	>KRAS-H27L- QLIQNLFVDE	793	448
>KRAS-H27L- QLIQNHFVDE	286	>KRAS-H27L- QLIQNLFVDE	443	157
>KRAS-H27L- IQLIQNHFV	208	>KRAS-H27L- IQLIQNLFV	423	215
>KRAS-H27L- IQLIQNHFV	69	>KRAS-H27L- IQLIQNLFV	102	33
>KRAS-H27L- IQLIQNHFV	113	>KRAS-H27L- IQLIQNLFV	636	523
>KRAS-H27L- IQLIQNHF	430	>KRAS-H27L- IQLIQNLF	466	36
>KRAS-H27L- IQLIQNHFV	6	>KRAS-H27L- IQLIQNLFV	7	1
>KRAS-H27L- IQLIQNHFV	26	>KRAS-H27L- IQLIQNLFV	79	53
>KRAS-H27L- IQLIQNHFV	52	>KRAS-H27L- IQLIQNLFV	646	594
>KRAS-H27L- IQLIQNHFV	30	>KRAS-H27L- IQLIQNLFV	61	31
>KRAS-H27L- IQLIQNHFV	133	>KRAS-H27L- IQLIQNLFV	1548	1415
>KRAS-H27L- IQLIQNHFV	217	>KRAS-H27L- IQLIQNLFV	1871	1654
>KRAS-H27L- IQLIQNHF	128	>KRAS-H27L- IQLIQNLF	528	400
>KRAS-H27L- IQLIQNHF	6	>KRAS-H27L- IQLIQNLF	7	1
>KRAS-H27L- IQLIQNHFV	509	>KRAS-H27L- IQLIQNLFV	262	247
>KRAS-H27L- TIQLIQNHFV	608	>KRAS-H27L- TIQLIQNLFV	392	216
>KRAS-H27L- TIQLIQNHFV	838	>KRAS-H27L- TIQLIQNLFV	360	478



>KRAS-H27L-TIQLIQNHFV	244	>KRAS-H27L-TIQLIQNLFV	1301	1057
>KRAS-H27L-TIQLIQNHFV	51	>KRAS-H27L-TIQLIQNLFV	179	128
>KRAS-H27L-TIQLIQNHFV	231	>KRAS-H27L-TIQLIQNLFV	762	531
>KRAS-H27L-LTIQLIQNHFV	177	>KRAS-H27L-LTIQLIQNLFV	228	51
>KRAS-H27L-LTIQLIQNH	16053	>KRAS-H27L-LTIQLIQNL	347	15706
>KRAS-H27L-LTIQLIQNHFV	52	>KRAS-H27L-LTIQLIQNLFV	175	123
>KRAS-H27L-LTIQLIQNHFV	144	>KRAS-H27L-LTIQLIQNLFV	236	92
>KRAS-H27L-LTIQLIQNHFV	20	>KRAS-H27L-LTIQLIQNLFV	23	3
>KRAS-H27L-LTIQLIQNHFV	24	>KRAS-H27L-LTIQLIQNLFV	54	30
>KRAS-H27L-LTIQLIQNHFV	247	>KRAS-H27L-LTIQLIQNLFV	1055	808
>KRAS-H27L-LTIQLIQNHFV	95	>KRAS-H27L-LTIQLIQNLFV	171	76
>KRAS-H27L-LTIQLIQNHFV	18	>KRAS-H27L-LTIQLIQNLFV	70	52
>KRAS-H27L-LTIQLIQNHF	289	>KRAS-H27L-LTIQLIQNLF	454	165
>KRAS-H27L-LTIQLIQNH	246	>KRAS-H27L-LTIQLIQNL	35	211
>KRAS-H27L-LTIQLIQNHF	8	>KRAS-H27L-LTIQLIQNLF	35	27
>KRAS-H27L-LTIQLIQNHFV	322	>KRAS-H27L-LTIQLIQNLFV	1083	761
>KRAS-H27L-LTIQLIQNH	887	>KRAS-H27L-LTIQLIQNL	187	700
>KRAS-H27L-LTIQLIQNHF	347	>KRAS-H27L-LTIQLIQNLF	314	33
>KRAS-H27L-LTIQLIQNH	20919	>KRAS-H27L-LTIQLIQNL	351	20568
>KRAS-H27L-LTIQLIQNHFV	13	>KRAS-H27L-LTIQLIQNLFV	35	22
>KRAS-H27L-LTIQLIQNHFV	18	>KRAS-H27L-LTIQLIQNLFV	48	30
>KRAS-H27L-LTIQLIQNHF	69	>KRAS-H27L-LTIQLIQNLF	306	237
>KRAS-H27L-LTIQLIQNHF	218	>KRAS-H27L-LTIQLIQNLF	358	140
>KRAS-H27L-LTIQLIQNH	391	>KRAS-H27L-LTIQLIQNL	11	380
>KRAS-H27L-LTIQLIQNHF	8	>KRAS-H27L-LTIQLIQNLF	8	0
>KRAS-H27L-LTIQLIQNHFV	296	>KRAS-H27L-LTIQLIQNLFV	160	136
>KRAS-H27L-LTIQLIQNHF	324	>KRAS-H27L-LTIQLIQNLF	376	52
>KRAS-H27L-LTIQLIQNHF	27	>KRAS-H27L-LTIQLIQNLF	30	3
>KRAS-H27L-LTIQLIQNH	12485	>KRAS-H27L-LTIQLIQNL	380	12105
>KRAS-H27L-LTIQLIQNHF	668	>KRAS-H27L-LTIQLIQNLF	122	546
>KRAS-H27L-LTIQLIQNHFV	270	>KRAS-H27L-LTIQLIQNLFV	567	297
>KRAS-H27L-LTIQLIQNHF	45	>KRAS-H27L-LTIQLIQNLF	24	21
>KRAS-H27L-ALTIQLIQNH	20593	>KRAS-H27L-ALTIQLIQNL	282	20311
>KRAS-H27L-ALTIQLIQNH	21022	>KRAS-H27L-ALTIQLIQNL	277	20745
>KRAS-H27L-ALTIQLIQNH	16806	>KRAS-H27L-ALTIQLIQNL	48	16758
>KRAS-H27L-ALTIQLIQNH	25626	>KRAS-H27L-ALTIQLIQNL	248	25378
>KRAS-H27L-ALTIQLIQNH	19115	>KRAS-H27L-ALTIQLIQNL	24	19091
>KRAS-H27L-ALTIQLIQNH	5798	>KRAS-H27L-ALTIQLIQNL	3	5795
>KRAS-K117 <sup>↑</sup> LVGNKCDL	772	>KRAS-K117 <sup>↑</sup> LVGNKCDL	458	314
>KRAS-K117 <sup>↑</sup> LVGNKCDLPS	796	>KRAS-K117 <sup>↑</sup> LVGNKCDLPS	476	320
>KRAS-K117 <sup>↑</sup> VLVGNKCDL	1676	>KRAS-K117 <sup>↑</sup> VLVGNKCDL	296	1380
>KRAS-K117 <sup>↑</sup> VLVGNKCDL	51	>KRAS-K117 <sup>↑</sup> VLVGNKCDL	34	17
>KRAS-K117 <sup>↑</sup> VLVGNKCDL	371	>KRAS-K117 <sup>↑</sup> VLVGNKCDL	102	269

>KRAS-K117↑VLVGNKCDL	217	>KRAS-K117↑VLVGNKCDL	131	86
>KRAS-K117↑VLVGNKCDL	1095	>KRAS-K117↑VLVGNKCDL	345	750
>KRAS-K117↑VLVGNKCDL	3	>KRAS-K117↑VLVGNKCDL	3	0
>KRAS-K117↑MVLVGNKCD	352	>KRAS-K117↑MVLVGNKCD	275	77
>KRAS-K117↑VPMVLVGNK	89	>KRAS-K117↑VPMVLVGNK	111	22
>KRAS-K117↑DVPMVLVGN	131	>KRAS-K117↑DVPMVLVGN	28794	28663
>KRAS-K5N-v KLVVVGAGG'	392	>KRAS-K5N-r NLVVVGAGG	938	546
>KRAS-K5N-v KLVVVGAGG'	35	>KRAS-K5N-r NLVVVGAGG	52	17
>KRAS-K5N-v KLVVVGAGG'	6	>KRAS-K5N-r NLVVVGAGG	26	20
>KRAS-K5N-v KLVVVGAGG'	17	>KRAS-K5N-r NLVVVGAGG	73	56
>KRAS-K5N-v KLVVVGAGG'	14	>KRAS-K5N-r NLVVVGAGG	75	61
>KRAS-K5N-v KLVVVGAGG'	121	>KRAS-K5N-r NLVVVGAGG	137	16
>KRAS-K5N-v KLVVVGAGG'	6	>KRAS-K5N-r NLVVVGAGG	17	11
>KRAS-K5N-v KLVVVGAGG'	4690	>KRAS-K5N-r NLVVVGAGG	142	4548
>KRAS-K5N-v YKLVVVGAGG'	423	>KRAS-K5N-r YNLVVVGAGG'	2150	1727
>KRAS-K5N-v YKLVVVGAGG'	220	>KRAS-K5N-r YNLVVVGAGG'	683	463
>KRAS-K5N-v YKLVVVGAGG'	1887	>KRAS-K5N-r YNLVVVGAGG'	480	1407
>KRAS-K5N-v YKLVVVGAG	423	>KRAS-K5N-r YNLVVVGA	12682	12259
>KRAS-K5N-v TEYKLVVV	39	>KRAS-K5N-r TEYNLVVV	72	33
>KRAS-K5N-v TEYKLVVV	259	>KRAS-K5N-r TEYNLVVV	239	20
>KRAS-K5N-v TEYKLVVV	231	>KRAS-K5N-r TEYNLVVV	111	120
>KRAS-K5N-v TEYKLVVV	65	>KRAS-K5N-r TEYNLVVV	44	21
>KRAS-K5N-v TEYKLVVVG	303	>KRAS-K5N-r TEYNLVVVG	479	176
>KRAS-K5N-v TEYKLVVV	93	>KRAS-K5N-r TEYNLVVV	62	31
>KRAS-K5N-v TEYKLVVVG	68	>KRAS-K5N-r TEYNLVVVG	110	42
>KRAS-K5N-v TEYKLVVV	81	>KRAS-K5N-r TEYNLVVV	129	48
>KRAS-K5N-v MTEYKLVVV	616	>KRAS-K5N-r MTEYNLVVV	289	327
>KRAS-K5N-v MTEYKLVVV	1955	>KRAS-K5N-r MTEYNLVVV	470	1485
>KRAS-K5N-v MTEYKLVV	144	>KRAS-K5N-r MTEYNLVV	56	88
>KRAS-K5N-v MTEYKLVVV	43	>KRAS-K5N-r MTEYNLVVV	22	21
>KRAS-K5N-v MTEYKLVVVG	78	>KRAS-K5N-r MTEYNLVVVG	44	34
>KRAS-L19F-↓LTIQLIQNHFA	177	>KRAS-L19F-↓FTIQLIQNHFA	19	158
>KRAS-L19F-↓LTIQLIQNHFA	52	>KRAS-L19F-↓FTIQLIQNHFA	7	45
>KRAS-L19F-↓LTIQLIQNHFA	144	>KRAS-L19F-↓FTIQLIQNHFA	15	129
>KRAS-L19F-↓LTIQLIQNHFA	20	>KRAS-L19F-↓FTIQLIQNHFA	5	15
>KRAS-L19F-↓LTIQLIQNHFA	24	>KRAS-L19F-↓FTIQLIQNHFA	5	19
>KRAS-L19F-↓LTIQLIQNHFA	247	>KRAS-L19F-↓FTIQLIQNHFA	18	229
>KRAS-L19F-↓LTIQLIQNHFA	95	>KRAS-L19F-↓FTIQLIQNHFA	15	80
>KRAS-L19F-↓LTIQLIQNHFA	18	>KRAS-L19F-↓FTIQLIQNHFA	6	12
>KRAS-L19F-↓LTIQLIQNH	289	>KRAS-L19F-↓FTIQLIQNH	97	192
>KRAS-L19F-↓LTIQLIQNH	3570	>KRAS-L19F-↓FTIQLIQNH	133	3437
>KRAS-L19F-↓LTIQLIQNH	246	>KRAS-L19F-↓FTIQLIQNH	64	182
>KRAS-L19F-↓LTIQLIQNH	8	>KRAS-L19F-↓FTIQLIQNH	5	3

>KRAS-L19F-1 LTIQLIQNHFA	322	>KRAS-L19F-1 FTIQLIQNHFA	95	227
>KRAS-L19F-1 LTIQLIQNH	887	>KRAS-L19F-1 FTIQLIQNH	428	459
>KRAS-L19F-1 LTIQLIQNHFA	347	>KRAS-L19F-1 FTIQLIQNHFA	180	167
>KRAS-L19F-1 LTIQLIQNHFA	13	>KRAS-L19F-1 FTIQLIQNHFA	6	7
>KRAS-L19F-1 LTIQLIQNHFA	18	>KRAS-L19F-1 FTIQLIQNHFA	5	13
>KRAS-L19F-1 LTIQLIQNHFA	69	>KRAS-L19F-1 FTIQLIQNHFA	82	13
>KRAS-L19F-1 LTIQLIQNHFA	218	>KRAS-L19F-1 FTIQLIQNHFA	101	117
>KRAS-L19F-1 LTIQLIQNH	391	>KRAS-L19F-1 FTIQLIQNH	506	115
>KRAS-L19F-1 LTIQLIQNHFA	8	>KRAS-L19F-1 FTIQLIQNHFA	10	2
>KRAS-L19F-1 LTIQLIQNHFA	296	>KRAS-L19F-1 FTIQLIQNHFA	403	107
>KRAS-L19F-1 LTIQLIQNHFA	324	>KRAS-L19F-1 FTIQLIQNHFA	1650	1326
>KRAS-L19F-1 LTIQLIQNHFA	27	>KRAS-L19F-1 FTIQLIQNHFA	35	8
>KRAS-L19F-1 LTIQLIQNHFA	668	>KRAS-L19F-1 FTIQLIQNHFA	451	217
>KRAS-L19F-1 LTIQLIQNHFA	270	>KRAS-L19F-1 FTIQLIQNHFA	201	69
>KRAS-L19F-1 LTIQLIQNHFA	45	>KRAS-L19F-1 FTIQLIQNHFA	57	12
>KRAS-L19F-1 ALTIQLIQ	273	>KRAS-L19F-1 AFTIQLIQ	31088	30815
>KRAS-L19F-1 ALTIQLIQNHI	4243	>KRAS-L19F-1 AFTIQLIQNHI	27	4216
>KRAS-L19F-1 VGAGGVGKS	6432	>KRAS-L19F-1 VGAGGVGKS	418	6014
>KRAS-L19F-1 VGAGGVGKS	1249	>KRAS-L19F-1 VGAGGVGKS	185	1064
>KRAS-L19F-1 SALTQLI	1505	>KRAS-L19F-1 SAFTQLI	56	1449
>KRAS-L19F-1 SALTQLI	127	>KRAS-L19F-1 SAFTQLI	37	90
>KRAS-L19F-1 KSALTQLI	239	>KRAS-L19F-1 KSAFTQLI	107	132
>KRAS-L19F-1 KSALTQL	276	>KRAS-L19F-1 KSAFTQL	91	185
>KRAS-L19F-1 KSALTQLI	762	>KRAS-L19F-1 KSAFTQLI	204	558
>KRAS-L19F-1 KSALTQL	7	>KRAS-L19F-1 KSAFTQL	6	1
>KRAS-L19F-1 KSALTQLI	42	>KRAS-L19F-1 KSAFTQLI	30	12
>KRAS-L19F-1 KSALTQL	35	>KRAS-L19F-1 KSAFTQL	36	1
>KRAS-L19F-1 KSALTQLI	24	>KRAS-L19F-1 KSAFTQLI	24	0
>KRAS-L19F-1 KSALTQL	335	>KRAS-L19F-1 KSAFTQL	304	31
>KRAS-L19F-1 KSALTQLI	73	>KRAS-L19F-1 KSAFTQLI	110	37
>KRAS-L19F-1 KSALTQLI	610	>KRAS-L19F-1 KSAFTQLI	203	407
>KRAS-L19F-1 KSALTQL	241	>KRAS-L19F-1 KSAFTQL	163	78
>KRAS-L19F-1 KSALTQLI	35	>KRAS-L19F-1 KSAFTQLI	28	7
>KRAS-L19F-1 GKSALTQL	960	>KRAS-L19F-1 GKSAFTQL	263	697
>KRAS-L19F-1 GKSALTQLI	907	>KRAS-L19F-1 GKSAFTQLI	331	576
>KRAS-L19F-1 GKSALTQL	414	>KRAS-L19F-1 GKSAFTQL	318	96
>KRAS-L19F-1 GKSALTQL	721	>KRAS-L19F-1 GKSAFTQL	421	300
>KRAS-L19F-1 GVGKSALTI	3701	>KRAS-L19F-1 GVGKSAFTI	457	3244
>KRAS-L231-v LIQNHVDEY	680	>KRAS-L231-r IIQNHVDEY	487	193
>KRAS-L231-v LIQNHVDEY	91	>KRAS-L231-r IIQNHVDEY	176	85
>KRAS-L231-v LIQNHVDEY	704	>KRAS-L231-r IIQNHVDEY	474	230
>KRAS-L231-v LIQNHVDEY	342	>KRAS-L231-r IIQNHVDEY	325	17
>KRAS-L231-v QLIQNHFA	42	>KRAS-L231-r QIIQNHFA	493	451

>KRAS-L23I-v QLIQNHFV	10	>KRAS-L23I-r QIIQNHFV	101	91
>KRAS-L23I-v QLIQNHFV	25	>KRAS-L23I-r QIIQNHFV	206	181
>KRAS-L23I-v QLIQNHFV	23	>KRAS-L23I-r QIIQNHFV	32	9
>KRAS-L23I-v QLIQNHFV	4	>KRAS-L23I-r QIIQNHFV	40	36
>KRAS-L23I-v QLIQNHFV	6	>KRAS-L23I-r QIIQNHFV	197	191
>KRAS-L23I-v QLIQNHFV	15	>KRAS-L23I-r QIIQNHFV	283	268
>KRAS-L23I-v QLIQNHFV	15	>KRAS-L23I-r QIIQNHFV	737	722
>KRAS-L23I-v QLIQNHFV	3	>KRAS-L23I-r QIIQNHFV	13	10
>KRAS-L23I-v QLIQNHFVDE	1761	>KRAS-L23I-r QIIQNHFVDE	430	1331
>KRAS-L23I-v QLIQNHFVDE	42	>KRAS-L23I-r QIIQNHFVDE	7	35
>KRAS-L23I-v QLIQNHFVDE	51	>KRAS-L23I-r QIIQNHFVDE	69	18
>KRAS-L23I-v QLIQNHFVDE	328	>KRAS-L23I-r QIIQNHFVDE	399	71
>KRAS-L23I-v QLIQNHFV	92	>KRAS-L23I-r QIIQNHFV	22	70
>KRAS-L23I-v QLIQNHFV	41	>KRAS-L23I-r QIIQNHFV	15	26
>KRAS-L23I-v QLIQNHFVDE	188	>KRAS-L23I-r QIIQNHFVDE	490	302
>KRAS-L23I-v QLIQNHFVDE	124	>KRAS-L23I-r QIIQNHFVDE	261	137
>KRAS-L23I-v QLIQNHFVDE	158	>KRAS-L23I-r QIIQNHFVDE	823	665
>KRAS-L23I-v QLIQNHFVDE	345	>KRAS-L23I-r QIIQNHFVDE	1326	981
>KRAS-L23I-v QLIQNHFVDE	286	>KRAS-L23I-r QIIQNHFVDE	215	71
>KRAS-L23I-v QLIQNHFVDE	1728	>KRAS-L23I-r QIIQNHFVDE	494	1234
>KRAS-L23I-v IQLIQNHFV	208	>KRAS-L23I-r IQIINHFV	690	482
>KRAS-L23I-v IQLIQNHFV	69	>KRAS-L23I-r IQIINHFV	88	19
>KRAS-L23I-v IQLIQNHFV	113	>KRAS-L23I-r IQIINHFV	38	75
>KRAS-L23I-v IQLIQNHFV	834	>KRAS-L23I-r IQIINHFV	126	708
>KRAS-L23I-v IQLIQNHF	430	>KRAS-L23I-r IQIINHF	341	89
>KRAS-L23I-v IQLIQNHFV	6	>KRAS-L23I-r IQIINHFV	5	1
>KRAS-L23I-v IQLIQNHFV	26	>KRAS-L23I-r IQIINHFV	111	85
>KRAS-L23I-v IQLIQNHFV	52	>KRAS-L23I-r IQIINHFV	103	51
>KRAS-L23I-v IQLIQNHFV	30	>KRAS-L23I-r IQIINHFV	278	248
>KRAS-L23I-v IQLIQNHFV	133	>KRAS-L23I-r IQIINHFV	5353	5220
>KRAS-L23I-v IQLIQNHFV	217	>KRAS-L23I-r IQIINHFV	311	94
>KRAS-L23I-v IQLIQNHF	723	>KRAS-L23I-r IQIINHF	401	322
>KRAS-L23I-v IQLIQNHF	128	>KRAS-L23I-r IQIINHF	50	78
>KRAS-L23I-v IQLIQNHF	6	>KRAS-L23I-r IQIINHF	6	0
>KRAS-L23I-v IQLIQNHFV	509	>KRAS-L23I-r IQIINHFV	461	48
>KRAS-L23I-v TIQLIQNHFV	749	>KRAS-L23I-r TIQIINHFV	283	466
>KRAS-L23I-v TIQLIQNHFV	549	>KRAS-L23I-r TIQIINHFV	279	270
>KRAS-L23I-v TIQLIQNHFV	244	>KRAS-L23I-r TIQIINHFV	542	298
>KRAS-L23I-v TIQLIQNHFV	51	>KRAS-L23I-r TIQIINHFV	26	25
>KRAS-L23I-v TIQLIQNHFV	1038	>KRAS-L23I-r TIQIINHFV	390	648
>KRAS-L23I-v TIQLIQNHFV	231	>KRAS-L23I-r TIQIINHFV	165	66
>KRAS-L23I-v LTIQLIQNHFV	177	>KRAS-L23I-r LTIQIINHFV	131	46
>KRAS-L23I-v LTIQLIQNHFV	52	>KRAS-L23I-r LTIQIINHFV	28	24

>KRAS-L23I-v LTIQLIQNHF\	144	>KRAS-L23I-r LTIQIIQNHFV	101	43
>KRAS-L23I-v LTIQLIQNHF\	20	>KRAS-L23I-r LTIQIIQNHFV	17	3
>KRAS-L23I-v LTIQLIQNHF\	24	>KRAS-L23I-r LTIQIIQNHFV	22	2
>KRAS-L23I-v LTIQLIQNHF\	247	>KRAS-L23I-r LTIQIIQNHFV	199	48
>KRAS-L23I-v LTIQLIQNHF\	95	>KRAS-L23I-r LTIQIIQNHFV	92	3
>KRAS-L23I-v LTIQLIQNHF\	18	>KRAS-L23I-r LTIQIIQNHFV	15	3
>KRAS-L23I-v LTIQLIQNHF	289	>KRAS-L23I-r LTIQIIQNHF	263	26
>KRAS-L23I-v LTIQLIQNH	246	>KRAS-L23I-r LTIQIIQNH	239	7
>KRAS-L23I-v LTIQLIQNHF	8	>KRAS-L23I-r LTIQIIQNHF	10	2
>KRAS-L23I-v LTIQLIQNHF\	322	>KRAS-L23I-r LTIQIIQNHFV	320	2
>KRAS-L23I-v LTIQLIQNHF	347	>KRAS-L23I-r LTIQIIQNHF	593	246
>KRAS-L23I-v LTIQLIQNHF\	13	>KRAS-L23I-r LTIQIIQNHFV	9	4
>KRAS-L23I-v LTIQLIQNHF\	18	>KRAS-L23I-r LTIQIIQNHFV	16	2
>KRAS-L23I-v LTIQLIQNHF	69	>KRAS-L23I-r LTIQIIQNHF	87	18
>KRAS-L23I-v LTIQLIQNHF	218	>KRAS-L23I-r LTIQIIQNHF	219	1
>KRAS-L23I-v LTIQLIQNH	391	>KRAS-L23I-r LTIQIIQNH	808	417
>KRAS-L23I-v LTIQLIQNHF	8	>KRAS-L23I-r LTIQIIQNHF	8	0
>KRAS-L23I-v LTIQLIQNHF\	296	>KRAS-L23I-r LTIQIIQNHFV	490	194
>KRAS-L23I-v LTIQLIQNHF	324	>KRAS-L23I-r LTIQIIQNHF	251	73
>KRAS-L23I-v LTIQLIQNHF	27	>KRAS-L23I-r LTIQIIQNHF	31	4
>KRAS-L23I-v LTIQLIQNHF\	270	>KRAS-L23I-r LTIQIIQNHFV	266	4
>KRAS-L23I-v LTIQLIQNHF	45	>KRAS-L23I-r LTIQIIQNHF	60	15
>KRAS-L23I-v ALTIQLIQ	273	>KRAS-L23I-r ALTIQIIQ	188	85
>KRAS-L23I-v SALTIQLI	127	>KRAS-L23I-r SALTIQII	129	2
>KRAS-L23I-v KSALTIQL	1192	>KRAS-L23I-r KSALTIQI	397	795
>KRAS-L23I-v KSALTIQLI	239	>KRAS-L23I-r KSALTIQII	421	182
>KRAS-L23I-v KSALTIQL	276	>KRAS-L23I-r KSALTIQI	97	179
>KRAS-L23I-v KSALTIQLI	762	>KRAS-L23I-r KSALTIQII	460	302
>KRAS-L23I-v KSALTIQL	7	>KRAS-L23I-r KSALTIQI	24	17
>KRAS-L23I-v KSALTIQLI	42	>KRAS-L23I-r KSALTIQII	66	24
>KRAS-L23I-v KSALTIQL	35	>KRAS-L23I-r KSALTIQI	21	14
>KRAS-L23I-v KSALTIQLI	24	>KRAS-L23I-r KSALTIQII	25	1
>KRAS-L23I-v KSALTIQL	335	>KRAS-L23I-r KSALTIQI	1411	1076
>KRAS-L23I-v KSALTIQLI	73	>KRAS-L23I-r KSALTIQII	272	199
>KRAS-L23I-v KSALTIQL	241	>KRAS-L23I-r KSALTIQI	24	217
>KRAS-L23I-v KSALTIQLI	35	>KRAS-L23I-r KSALTIQII	32	3
>KRAS-L23I-v GKSALTIQLI	907	>KRAS-L23I-r GKSALTIQII	328	579
>KRAS-L23I-v GKSALTIQL	414	>KRAS-L23I-r GKSALTIQI	4965	4551
>KRAS-L23I-v GKSALTIQL	3424	>KRAS-L23I-r GKSALTIQI	389	3035
>KRAS-M72I- MRTGEGFLC\	111	>KRAS-M72I- IRTGEGFLCV\	124	13
>KRAS-M72I- MRTGEGFL	391	>KRAS-M72I- IRTGEGFL	681	290
>KRAS-M72I- MRTGEGFLC\	207	>KRAS-M72I- IRTGEGFLCV	411	204
>KRAS-M72I- MRTGEGFLC\	284	>KRAS-M72I- IRTGEGFLCV\	500	216

>KRAS-M72I-MRTGEGFLC\	354	>KRAS-M72I-IRTGEGFLCV	283	71
>KRAS-M72I-MRTGEGFL	52	>KRAS-M72I-IRTGEGFL	898	846
>KRAS-M72I-MRTGEGFLC\	16	>KRAS-M72I-IRTGEGFLCV\	118	102
>KRAS-M72I-YMRTGEGFLC\	150	>KRAS-M72I-YIRTGEGFLC\	1302	1152
>KRAS-M72I-YMRTGEGFL	131	>KRAS-M72I-YIRTGEGFL	1861	1730
>KRAS-M72I-YMRTGEGFLC\	191	>KRAS-M72I-YIRTGEGFLC\	2303	2112
>KRAS-M72I-YMRTGEGFL	28	>KRAS-M72I-YIRTGEGFL	559	531
>KRAS-M72I-YMRTGEGFLC\	10	>KRAS-M72I-YIRTGEGFLC\	88	78
>KRAS-M72I-YMRTGEGFLC\	69	>KRAS-M72I-YIRTGEGFLC\	158	89
>KRAS-M72I-YMRTGEGFL	50	>KRAS-M72I-YIRTGEGFL	2487	2437
>KRAS-M72I-YMRTGEGFLC\	230	>KRAS-M72I-YIRTGEGFLC\	5631	5401
>KRAS-M72I-YMRTGEGFLC\	8	>KRAS-M72I-YIRTGEGFLC\	238	230
>KRAS-M72I-YMRTGEGFL	200	>KRAS-M72I-YIRTGEGFL	10156	9956
>KRAS-M72I-YMRTGEGFLC\	12	>KRAS-M72I-YIRTGEGFLC\	1015	1003
>KRAS-M72I-YMRTGEGFL	145	>KRAS-M72I-YIRTGEGFL	4435	4290
>KRAS-M72I-YMRTGEGFLC\	10	>KRAS-M72I-YIRTGEGFLC\	142	132
>KRAS-M72I-YMRTGEGFLC\	31	>KRAS-M72I-YIRTGEGFLC\	1676	1645
>KRAS-M72I-YMRTGEGFL	8	>KRAS-M72I-YIRTGEGFL	311	303
>KRAS-M72I-YMRTGEGFLC\	36	>KRAS-M72I-YIRTGEGFLC\	1376	1340
>KRAS-M72I-YMRTGEGFLC\	2	>KRAS-M72I-YIRTGEGFLC\	9	7
>KRAS-M72I-YMRTGEGF	35	>KRAS-M72I-YIRTGEGF	111	76
>KRAS-M72I-YMRTGEGF	20	>KRAS-M72I-YIRTGEGF	105	85
>KRAS-M72I-YMRTGEGFL	448	>KRAS-M72I-YIRTGEGFL	3377	2929
>KRAS-M72I-YMRTGEGF	5	>KRAS-M72I-YIRTGEGF	99	94
>KRAS-M72I-YMRTGEGFLC\	126	>KRAS-M72I-YIRTGEGFLC\	2866	2740
>KRAS-M72I-YMRTGEGF	55	>KRAS-M72I-YIRTGEGF	110	55
>KRAS-M72I-EEYSAMRDQ	49	>KRAS-M72I-EEYSAMRDQ	8	41
>KRAS-M72I-EEYSAMRDQ	795	>KRAS-M72I-EEYSAMRDQ	445	350
>KRAS-M72I-EEYSAMRDQ	126	>KRAS-M72I-EEYSAMRDQ	190	64
>KRAS-M72I-EEYSAMRDQ	834	>KRAS-M72I-EEYSAMRDQ	266	568
>KRAS-M72I-EEYSAMRDQ	733	>KRAS-M72I-EEYSAMRDQ	58	675
>KRAS-M72I-QYMRTGEGF	16	>KRAS-M72I-QYIRTGEGFL	18	2
>KRAS-M72I-QYMRTGEGF	175	>KRAS-M72I-QYIRTGEGF	147	28
>KRAS-M72I-QYMRTGEGF	259	>KRAS-M72I-QYIRTGEGFL	480	221
>KRAS-M72I-QYMRTGEGF	184	>KRAS-M72I-QYIRTGEGF	289	105
>KRAS-M72I-QYMRTGEGF	159	>KRAS-M72I-QYIRTGEGFL	558	399
>KRAS-M72I-QYMRTGEGF	5	>KRAS-M72I-QYIRTGEGF	7	2
>KRAS-M72I-QYMRTGEGF	9	>KRAS-M72I-QYIRTGEGFL	15	6
>KRAS-M72I-QYMRTGEGF	3076	>KRAS-M72I-QYIRTGEGF	478	2598
>KRAS-M72I-QYMRTGEGF	210	>KRAS-M72I-QYIRTGEGF	402	192
>KRAS-M72I-QYMRTGEGF	117	>KRAS-M72I-QYIRTGEGFL	294	177
>KRAS-M72I-DQYMRTGEG	135	>KRAS-M72I-DQYIRTGEGF	171	36
>KRAS-M72I-DQYMRTGEG	247	>KRAS-M72I-DQYIRTGEGF	577	330

>KRAS-M72I- DQYMRTGEC	222	>KRAS-M72I- DQYIRTGEGF	239	17
>KRAS-M72I- DQYMRTGEC	69	>KRAS-M72I- DQYIRTGEGF	136	67
>KRAS-M72I- AMRDQYMR'	166	>KRAS-M72I- AMRDQYIRT	811	645
>KRAS-M72I- AMRDQYMR'	18	>KRAS-M72I- AMRDQYIRT	27	9
>KRAS-M72I- AMRDQYMR	156	>KRAS-M72I- AMRDQYIR	129	27
>KRAS-M72I- AMRDQYMR'	80	>KRAS-M72I- AMRDQYIRT	127	47
>KRAS-M72I- AMRDQYMR'	128	>KRAS-M72I- AMRDQYIRT	145	17
>KRAS-M72I- AMRDQYMR	13	>KRAS-M72I- AMRDQYIR	12	1
>KRAS-M72I- AMRDQYMR	249	>KRAS-M72I- AMRDQYIR	712	463
>KRAS-M72I- AMRDQYMR	470	>KRAS-M72I- AMRDQYIR	361	109
>KRAS-M72I- SAMRDQYM	52	>KRAS-M72I- SAMRDQYI	81	29
>KRAS-M72I- SAMRDQYMI	142	>KRAS-M72I- SAMRDQYIR	348	206
>KRAS-M72I- SAMRDQYMI	38	>KRAS-M72I- SAMRDQYIR	42	4
>KRAS-M72I- SAMRDQYMI	27	>KRAS-M72I- SAMRDQYIR	65	38
>KRAS-M72I- SAMRDQYM	4087	>KRAS-M72I- SAMRDQYI	231	3856
>KRAS-M72I- SAMRDQYMI	183	>KRAS-M72I- SAMRDQYIR	179	4
>KRAS-M72I- SAMRDQYM	2914	>KRAS-M72I- SAMRDQYI	81	2833
>KRAS-M72I- YSAMRDQYN	322	>KRAS-M72I- YSAMRDQYIF	626	304
>KRAS-M72I- YSAMRDQYN	173	>KRAS-M72I- YSAMRDQYIF	370	197
>KRAS-M72I- YSAMRDQYN	7	>KRAS-M72I- YSAMRDQYIF	10	3
>KRAS-M72I- YSAMRDQYN	5416	>KRAS-M72I- YSAMRDQYI	416	5000
>KRAS-M72I- YSAMRDQYN	402	>KRAS-M72I- YSAMRDQYI	5412	5010
>KRAS-M72I- YSAMRDQYN	11	>KRAS-M72I- YSAMRDQYI	44	33
>KRAS-M72I- YSAMRDQYN	367	>KRAS-M72I- YSAMRDQYI	500	133
>KRAS-M72I- YSAMRDQYN	440	>KRAS-M72I- YSAMRDQYI	1168	728
>KRAS-M72I- YSAMRDQYN	77	>KRAS-M72I- YSAMRDQYI	1346	1269
>KRAS-M72I- YSAMRDQYN	1246	>KRAS-M72I- YSAMRDQYI	51	1195
>KRAS-M72I- EYSAMRDQY	133	>KRAS-M72I- EYSAMRDQY	16	117
>KRAS-M72I- EYSAMRDQY	1385	>KRAS-M72I- EYSAMRDQY	102	1283
>KRAS-M72I- EYSAMRDQY	28	>KRAS-M72I- EYSAMRDQY	52	24
>KRAS-M72I- EYSAMRDQY	14	>KRAS-M72I- EYSAMRDQY	26	12
>KRAS-M72I- EYSAMRDQY	37	>KRAS-M72I- EYSAMRDQY	33	4
>KRAS-P34S- PTIEDSYRKQ\	6808	>KRAS-P34S- STIEDSYRKQ\	407	6401
>KRAS-P34S- PTIEDSYRKQ\	4837	>KRAS-P34S- STIEDSYRKQ\	312	4525
>KRAS-P34S- PTIEDSYRKQ\	1612	>KRAS-P34S- STIEDSYRKQ\	95	1517
>KRAS-P34S- PTIEDSYRKQ\	5396	>KRAS-P34S- STIEDSYRKQ\	487	4909
>KRAS-P34S- PTIEDSYRKQ\	3021	>KRAS-P34S- STIEDSYRKQ\	103	2918
>KRAS-P34S- PTIEDSYR	6934	>KRAS-P34S- STIEDSYR	45	6889
>KRAS-P34S- PTIEDSYRK	539	>KRAS-P34S- STIEDSYRK	10	529
>KRAS-P34S- PTIEDSYR	1979	>KRAS-P34S- STIEDSYR	43	1936
>KRAS-P34S- PTIEDSYR	781	>KRAS-P34S- STIEDSYR	245	536
>KRAS-P34S- PTIEDSYR	105	>KRAS-P34S- STIEDSYR	4	101
>KRAS-P34S- PTIEDSYRK	891	>KRAS-P34S- STIEDSYRK	23	868

>KRAS-P34S- PTIEDSYRKQ\	1459	>KRAS-P34S- STIEDSYRKQ\	30	1429
>KRAS-P34S- PTIEDSYRKQ\	626	>KRAS-P34S- STIEDSYRKQ\	22	604
>KRAS-P34S- PTIEDSYR	4759	>KRAS-P34S- STIEDSYR	205	4554
>KRAS-P34S- PTIEDSYRK	794	>KRAS-P34S- STIEDSYRK	61	733
>KRAS-P34S- PTIEDSYR	1190	>KRAS-P34S- STIEDSYR	357	833
>KRAS-P34S- DPTIEDSYRK	16926	>KRAS-P34S- DSTIEDSYRK	424	16502
>KRAS-P34S- DPTIEDSY	5841	>KRAS-P34S- DSTIEDSY	358	5483
>KRAS-P34S- DPTIEDSYR	485	>KRAS-P34S- DSTIEDSYR	82	403
>KRAS-P34S- DPTIEDSYR	198	>KRAS-P34S- DSTIEDSYR	11	187
>KRAS-P34S- DPTIEDSYRK	1558	>KRAS-P34S- DSTIEDSYRK	193	1365
>KRAS-P34S- DPTIEDSY	27	>KRAS-P34S- DSTIEDSY	558	531
>KRAS-P34S- DPTIEDSY	316	>KRAS-P34S- DSTIEDSY	15564	15248
>KRAS-P34S- YDPTIEDSY	1529	>KRAS-P34S- YDSTIEDSY	203	1326
>KRAS-P34S- EYDPTIEDSY	526	>KRAS-P34S- EYDSTIEDSY	193	333
>KRAS-P34S- EYDPTIEDSY	498	>KRAS-P34S- EYDSTIEDSY	711	213
>KRAS-P34S- EYDPTIEDSY	364	>KRAS-P34S- EYDSTIEDSY	237	127
>KRAS-P34S- EYDPTIEDSYF	91	>KRAS-P34S- EYDSTIEDSYR	76	15
>KRAS-P34S- EYDPTIEDSYF	147	>KRAS-P34S- EYDSTIEDSYR	60	87
>KRAS-P34S- EYDPTIEDSYF	46	>KRAS-P34S- EYDSTIEDSYR	61	15
>KRAS-P34S- DEYDPTIEDS\	1478	>KRAS-P34S- DEYDSTIEDS\	232	1246
>KRAS-P34S- DEYDPTIE	590	>KRAS-P34S- DEYDSTIE	266	324
>KRAS-P34S- DEYDPTIED	149	>KRAS-P34S- DEYDSTIED	66	83
>KRAS-P34S- DEYDPTIEDS\	8	>KRAS-P34S- DEYDSTIEDS\	6	2
>KRAS-P34S- DEYDPTIEDS\	490	>KRAS-P34S- DEYDSTIEDS\	486	4
>KRAS-P34S- DEYDPTIEDS\	380	>KRAS-P34S- DEYDSTIEDS\	163	217
>KRAS-P34S- VDEYDPTI	221	>KRAS-P34S- VDEYDSTI	147	74
>KRAS-P34S- FVDEYDPT	318	>KRAS-P34S- FVDEYDST	777	459
>KRAS-P34S- FVDEYDPTI	12	>KRAS-P34S- FVDEYDSTI	27	15
>KRAS-P34S- FVDEYDPTI	178	>KRAS-P34S- FVDEYDSTI	64	114
>KRAS-P34S- FVDEYDPTI	860	>KRAS-P34S- FVDEYDSTI	141	719
>KRAS-P34S- FVDEYDPT	24	>KRAS-P34S- FVDEYDST	42	18
>KRAS-P34S- FVDEYDPTI	4	>KRAS-P34S- FVDEYDSTI	7	3
>KRAS-P34S- FVDEYDPT	374	>KRAS-P34S- FVDEYDST	470	96
>KRAS-P34S- FVDEYDPTI	6	>KRAS-P34S- FVDEYDSTI	9	3
>KRAS-P34S- FVDEYDPTI	16	>KRAS-P34S- FVDEYDSTI	15	1
>KRAS-P34S- FVDEYDPTI	14	>KRAS-P34S- FVDEYDSTI	88	74
>KRAS-P34S- FVDEYDPTI	138	>KRAS-P34S- FVDEYDSTI	725	587
>KRAS-P34S- FVDEYDPTI	34	>KRAS-P34S- FVDEYDSTI	62	28
>KRAS-P34S- FVDEYDPTI	19	>KRAS-P34S- FVDEYDSTI	124	105
>KRAS-P34S- FVDEYDPTI	787	>KRAS-P34S- FVDEYDSTI	447	340
>KRAS-P34S- HFVDEYDPTI	294	>KRAS-P34S- HFVDEYDSTI	223	71
>KRAS-P34S- NHFVDEYDPTI	326	>KRAS-P34S- NHFVDEYDSTI	273	53
>KRAS-P34S- NHFVDEYDPTI	775	>KRAS-P34S- NHFVDEYDSTI	388	387



>KRAS-Q22K·QLIQNHFV	42	>KRAS-Q22K·KLIQNHFV	11	31
>KRAS-Q22K·QLIQNHFV	10	>KRAS-Q22K·KLIQNHFV	5	5
>KRAS-Q22K·QLIQNHFV	25	>KRAS-Q22K·KLIQNHFV	7	18
>KRAS-Q22K·QLIQNHFV	23	>KRAS-Q22K·KLIQNHFV	8	15
>KRAS-Q22K·QLIQNHFV	4	>KRAS-Q22K·KLIQNHFV	2	2
>KRAS-Q22K·QLIQNHFV	6	>KRAS-Q22K·KLIQNHFV	3	3
>KRAS-Q22K·QLIQNHFV	15	>KRAS-Q22K·KLIQNHFV	6	9
>KRAS-Q22K·QLIQNHFV	15	>KRAS-Q22K·KLIQNHFV	6	9
>KRAS-Q22K·QLIQNHFV	3	>KRAS-Q22K·KLIQNHFV	2	1
>KRAS-Q22K·QLIQNHFVDE	42	>KRAS-Q22K·KLIQNHFVDE	263	221
>KRAS-Q22K·QLIQNHFVDE	51	>KRAS-Q22K·KLIQNHFVDE	99	48
>KRAS-Q22K·QLIQNHFVDE	328	>KRAS-Q22K·KLIQNHFVDE	56	272
>KRAS-Q22K·QLIQNHFVDE	2122	>KRAS-Q22K·KLIQNHFVDE	202	1920
>KRAS-Q22K·QLIQNHFV	92	>KRAS-Q22K·KLIQNHFV	2736	2644
>KRAS-Q22K·QLIQNHFV	41	>KRAS-Q22K·KLIQNHFV	535	494
>KRAS-Q22K·QLIQNHFVDE	188	>KRAS-Q22K·KLIQNHFVDE	35	153
>KRAS-Q22K·QLIQNHFVDE	124	>KRAS-Q22K·KLIQNHFVDE	91	33
>KRAS-Q22K·QLIQNHFVDE	158	>KRAS-Q22K·KLIQNHFVDE	710	552
>KRAS-Q22K·QLIQNHFVDE	345	>KRAS-Q22K·KLIQNHFVDE	135	210
>KRAS-Q22K·QLIQNHFVDE	1599	>KRAS-Q22K·KLIQNHFVDE	207	1392
>KRAS-Q22K·QLIQNHFVDE	286	>KRAS-Q22K·KLIQNHFVDE	2213	1927
>KRAS-Q22K·QLIQNHFVDE	10644	>KRAS-Q22K·KLIQNHFVDE	469	10175
>KRAS-Q22K·IQLIQNHFV	208	>KRAS-Q22K·IKLIQNHFV	287	79
>KRAS-Q22K·IQLIQNHFV	69	>KRAS-Q22K·IKLIQNHFV	14735	14666
>KRAS-Q22K·IQLIQNHFV	113	>KRAS-Q22K·IKLIQNHFV	4552	4439
>KRAS-Q22K·IQLIQNHF	430	>KRAS-Q22K·IKLIQNHF	20582	20152
>KRAS-Q22K·IQLIQNHFV	6	>KRAS-Q22K·IKLIQNHFV	1241	1235
>KRAS-Q22K·IQLIQNHFV	26	>KRAS-Q22K·IKLIQNHFV	1074	1048
>KRAS-Q22K·IQLIQNHFV	52	>KRAS-Q22K·IKLIQNHFV	6309	6257
>KRAS-Q22K·IQLIQNHFV	30	>KRAS-Q22K·IKLIQNHFV	1898	1868
>KRAS-Q22K·IQLIQNHFV	133	>KRAS-Q22K·IKLIQNHFV	7662	7529
>KRAS-Q22K·IQLIQNHFV	217	>KRAS-Q22K·IKLIQNHFV	2478	2261
>KRAS-Q22K·IQLIQNHF	128	>KRAS-Q22K·IKLIQNHF	13167	13039
>KRAS-Q22K·IQLIQNHF	6	>KRAS-Q22K·IKLIQNHF	6	0
>KRAS-Q22K·IQLIQNHFV	509	>KRAS-Q22K·IKLIQNHFV	466	43
>KRAS-Q22K·TIQLIQNHFV	608	>KRAS-Q22K·TIKLIQNHFV	308	300
>KRAS-Q22K·TIQLIQNHFV	244	>KRAS-Q22K·TIKLIQNHFV	4809	4565
>KRAS-Q22K·TIQLIQNHFV	51	>KRAS-Q22K·TIKLIQNHFV	133	82
>KRAS-Q22K·TIQLIQNHFV	7843	>KRAS-Q22K·TIKLIQNHFV	330	7513
>KRAS-Q22K·TIQLIQNHFV	231	>KRAS-Q22K·TIKLIQNHFV	798	567
>KRAS-Q22K·LTIQLIQNHFV	177	>KRAS-Q22K·LTIKLIQNHFV	163	14
>KRAS-Q22K·LTIQLIQNHFV	52	>KRAS-Q22K·LTIKLIQNHFV	44	8
>KRAS-Q22K·LTIQLIQNHFV	144	>KRAS-Q22K·LTIKLIQNHFV	141	3

>KRAS-Q22K·LTIQLIQNHF\	20	>KRAS-Q22K·LTIKLIQNHFV	22	2
>KRAS-Q22K·LTIQLIQNHF\	24	>KRAS-Q22K·LTIKLIQNHFV	42	18
>KRAS-Q22K·LTIQLIQNHF\	247	>KRAS-Q22K·LTIKLIQNHFV	225	22
>KRAS-Q22K·LTIQLIQNHF\	95	>KRAS-Q22K·LTIKLIQNHFV	112	17
>KRAS-Q22K·LTIQLIQNHF\	18	>KRAS-Q22K·LTIKLIQNHFV	45	27
>KRAS-Q22K·LTIQLIQNHF	289	>KRAS-Q22K·LTIKLIQNHF	316	27
>KRAS-Q22K·LTIQLIQNH	246	>KRAS-Q22K·LTIKLIQNH	564	318
>KRAS-Q22K·LTIQLIQNHF	8	>KRAS-Q22K·LTIKLIQNHF	12	4
>KRAS-Q22K·LTIQLIQNHF\	322	>KRAS-Q22K·LTIKLIQNHFV	599	277
>KRAS-Q22K·LTIQLIQNHF	347	>KRAS-Q22K·LTIKLIQNHF	1119	772
>KRAS-Q22K·LTIQLIQNHF\	13	>KRAS-Q22K·LTIKLIQNHFV	14	1
>KRAS-Q22K·LTIQLIQNHF\	18	>KRAS-Q22K·LTIKLIQNHFV	22	4
>KRAS-Q22K·LTIQLIQNHF	69	>KRAS-Q22K·LTIKLIQNHF	84	15
>KRAS-Q22K·LTIQLIQNHF	218	>KRAS-Q22K·LTIKLIQNHF	133	85
>KRAS-Q22K·LTIQLIQNH	391	>KRAS-Q22K·LTIKLIQNH	1292	901
>KRAS-Q22K·LTIQLIQNHF	8	>KRAS-Q22K·LTIKLIQNHF	11	3
>KRAS-Q22K·LTIQLIQNHF\	296	>KRAS-Q22K·LTIKLIQNHFV	729	433
>KRAS-Q22K·LTIQLIQNHF	324	>KRAS-Q22K·LTIKLIQNHF	299	25
>KRAS-Q22K·LTIQLIQNHF	27	>KRAS-Q22K·LTIKLIQNHF	34	7
>KRAS-Q22K·LTIQLIQNHF\	270	>KRAS-Q22K·LTIKLIQNHFV	322	52
>KRAS-Q22K·LTIQLIQNHF	45	>KRAS-Q22K·LTIKLIQNHF	44	1
>KRAS-Q22K·ALTIQLIQ	273	>KRAS-Q22K·ALTIKLIQ	479	206
>KRAS-Q22K·SALTIQLI	127	>KRAS-Q22K·SALTIKLI	130	3
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>KRAS-Q22K·KSALTIQLI	239	>KRAS-Q22K·KSALTIKLI	602	363
>KRAS-Q22K·KSALTIQL	276	>KRAS-Q22K·KSALTIKL	390	114
>KRAS-Q22K·KSALTIQL	7	>KRAS-Q22K·KSALTIKL	10	3
>KRAS-Q22K·KSALTIQLI	42	>KRAS-Q22K·KSALTIKLI	43	1
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>KRAS-Q22K·KSALTIQLI	24	>KRAS-Q22K·KSALTIKLI	87	63
>KRAS-Q22K·KSALTIQL	335	>KRAS-Q22K·KSALTIKL	458	123
>KRAS-Q22K·KSALTIQLI	73	>KRAS-Q22K·KSALTIKLI	102	29
>KRAS-Q22K·KSALTIQL	241	>KRAS-Q22K·KSALTIKL	291	50
>KRAS-Q22K·KSALTIQLI	35	>KRAS-Q22K·KSALTIKLI	24	11
>KRAS-Q22K·GKSALTIQL	414	>KRAS-Q22K·GKSALTIKL	1677	1263
>KRAS-Q22K·GVGKSALTIQ	32201	>KRAS-Q22K·GVGKSALTIK	326	31875
>KRAS-Q22R·QLIQNHFV	42	>KRAS-Q22R·RLIQNHFV	16	26
>KRAS-Q22R·QLIQNHFV	10	>KRAS-Q22R·RLIQNHFV	7	3
>KRAS-Q22R·QLIQNHFV	25	>KRAS-Q22R·RLIQNHFV	7	18
>KRAS-Q22R·QLIQNHFV	23	>KRAS-Q22R·RLIQNHFV	11	12
>KRAS-Q22R·QLIQNHFV	4	>KRAS-Q22R·RLIQNHFV	2	2
>KRAS-Q22R·QLIQNHFV	6	>KRAS-Q22R·RLIQNHFV	3	3
>KRAS-Q22R·QLIQNHFV	15	>KRAS-Q22R·RLIQNHFV	7	8

>KRAS-Q22R·QLIQNHFV	15	>KRAS-Q22R·RLIQNHFV	8	7
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>KRAS-Q22R·QLIQNHFVDE	42	>KRAS-Q22R·RLIQNHFVDE	184	142
>KRAS-Q22R·QLIQNHFVDE	51	>KRAS-Q22R·RLIQNHFVDE	98	47
>KRAS-Q22R·QLIQNHFVDE	328	>KRAS-Q22R·RLIQNHFVDE	104	224
>KRAS-Q22R·QLIQNHFVDE	2122	>KRAS-Q22R·RLIQNHFVDE	182	1940
>KRAS-Q22R·QLIQNHFV	92	>KRAS-Q22R·RLIQNHFV	1919	1827
>KRAS-Q22R·QLIQNHFV	41	>KRAS-Q22R·RLIQNHFV	401	360
>KRAS-Q22R·QLIQNHFVDE	188	>KRAS-Q22R·RLIQNHFVDE	27	161
>KRAS-Q22R·QLIQNHFVDE	124	>KRAS-Q22R·RLIQNHFVDE	58	66
>KRAS-Q22R·QLIQNHFVDE	158	>KRAS-Q22R·RLIQNHFVDE	619	461
>KRAS-Q22R·QLIQNHFVDE	345	>KRAS-Q22R·RLIQNHFVDE	86	259
>KRAS-Q22R·QLIQNHFVDE	1599	>KRAS-Q22R·RLIQNHFVDE	81	1518
>KRAS-Q22R·QLIQNHFVDE	286	>KRAS-Q22R·RLIQNHFVDE	1010	724
>KRAS-Q22R·IQLIQNHFV	208	>KRAS-Q22R·IRLIQNHFV	336	128
>KRAS-Q22R·IQLIQNHFV	69	>KRAS-Q22R·IRLIQNHFV	17936	17867
>KRAS-Q22R·IQLIQNHFV	113	>KRAS-Q22R·IRLIQNHFV	8841	8728
>KRAS-Q22R·IQLIQNHF	430	>KRAS-Q22R·IRLIQNHF	25547	25117
>KRAS-Q22R·IQLIQNHFV	6	>KRAS-Q22R·IRLIQNHFV	5227	5221
>KRAS-Q22R·IQLIQNHFV	26	>KRAS-Q22R·IRLIQNHFV	3069	3043
>KRAS-Q22R·IQLIQNHFV	52	>KRAS-Q22R·IRLIQNHFV	11086	11034
>KRAS-Q22R·IQLIQNHFV	30	>KRAS-Q22R·IRLIQNHFV	5156	5126
>KRAS-Q22R·IQLIQNHFV	133	>KRAS-Q22R·IRLIQNHFV	12786	12653
>KRAS-Q22R·IQLIQNHFV	217	>KRAS-Q22R·IRLIQNHFV	4500	4283
>KRAS-Q22R·IQLIQNHF	128	>KRAS-Q22R·IRLIQNHF	16651	16523
>KRAS-Q22R·IQLIQNHF	6	>KRAS-Q22R·IRLIQNHF	30	24
>KRAS-Q22R·IQLIQNHF	6901	>KRAS-Q22R·IRLIQNHF	394	6507
>KRAS-Q22R·IQLIQNHFV	8291	>KRAS-Q22R·IRLIQNHFV	375	7916
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>KRAS-Q22R·TIQLIQNHFV	51	>KRAS-Q22R·TIRLIQNHFV	98	47
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>KRAS-Q22R·TIQLIQNHFV	231	>KRAS-Q22R·TIRLIQNHFV	918	687
>KRAS-Q22R·LTIQLIQNHF\	177	>KRAS-Q22R·LTIRLIQNHFV	244	67
>KRAS-Q22R·LTIQLIQNHF\	52	>KRAS-Q22R·LTIRLIQNHFV	70	18
>KRAS-Q22R·LTIQLIQNHF\	144	>KRAS-Q22R·LTIRLIQNHFV	145	1
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>KRAS-Q22R·LTIQLIQNHF\	24	>KRAS-Q22R·LTIRLIQNHFV	33	9
>KRAS-Q22R·LTIQLIQNHF\	247	>KRAS-Q22R·LTIRLIQNHFV	184	63
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>KRAS-Q22R·LTIQLIQNHF\	18	>KRAS-Q22R·LTIRLIQNHFV	25	7
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>KRAS-Q22R·LTIQLIQNH	246	>KRAS-Q22R·LTIRLIQNH	264	18
>KRAS-Q22R·LTIQLIQNHF	8	>KRAS-Q22R·LTIRLIQNHF	9	1

>KRAS-Q22R·LTIQLIQNHFV	322	>KRAS-Q22R·LTIRLIQNHFV	330	8
>KRAS-Q22R·LTIQLIQNHF	347	>KRAS-Q22R·LTIRLIQNHF	1575	1228
>KRAS-Q22R·LTIQLIQNHFV	13	>KRAS-Q22R·LTIRLIQNHFV	12	1
>KRAS-Q22R·LTIQLIQNHFV	18	>KRAS-Q22R·LTIRLIQNHFV	26	8
>KRAS-Q22R·LTIQLIQNHF	69	>KRAS-Q22R·LTIRLIQNHF	103	34
>KRAS-Q22R·LTIQLIQNHF	218	>KRAS-Q22R·LTIRLIQNHF	166	52
>KRAS-Q22R·LTIQLIQNH	391	>KRAS-Q22R·LTIRLIQNH	2248	1857
>KRAS-Q22R·LTIQLIQNHF	8	>KRAS-Q22R·LTIRLIQNHF	14	6
>KRAS-Q22R·LTIQLIQNHFV	296	>KRAS-Q22R·LTIRLIQNHFV	1141	845
>KRAS-Q22R·LTIQLIQNHF	324	>KRAS-Q22R·LTIRLIQNHF	197	127
>KRAS-Q22R·LTIQLIQNHF	27	>KRAS-Q22R·LTIRLIQNHF	26	1
>KRAS-Q22R·LTIQLIQNHFV	270	>KRAS-Q22R·LTIRLIQNHFV	519	249
>KRAS-Q22R·LTIQLIQNHF	45	>KRAS-Q22R·LTIRLIQNHF	30	15
>KRAS-Q22R·ALTIQLIQ	273	>KRAS-Q22R·ALTIRLIQ	373	100
>KRAS-Q22R·SALTIQLI	741	>KRAS-Q22R·SALTIRLI	426	315
>KRAS-Q22R·SALTIQLI	127	>KRAS-Q22R·SALTIRLI	127	0
>KRAS-Q22R·KSALTIQLI	239	>KRAS-Q22R·KSALTIRLI	327	88
>KRAS-Q22R·KSALTIQL	276	>KRAS-Q22R·KSALTIRL	496	220
>KRAS-Q22R·KSALTIQL	7	>KRAS-Q22R·KSALTIRL	8	1
>KRAS-Q22R·KSALTIQLI	42	>KRAS-Q22R·KSALTIRLI	77	35
>KRAS-Q22R·KSALTIQL	35	>KRAS-Q22R·KSALTIRL	97	62
>KRAS-Q22R·KSALTIQLI	24	>KRAS-Q22R·KSALTIRLI	126	102
>KRAS-Q22R·KSALTIQL	335	>KRAS-Q22R·KSALTIRL	314	21
>KRAS-Q22R·KSALTIQLI	73	>KRAS-Q22R·KSALTIRLI	70	3
>KRAS-Q22R·KSALTIQL	241	>KRAS-Q22R·KSALTIRL	366	125
>KRAS-Q22R·KSALTIQLI	35	>KRAS-Q22R·KSALTIRLI	26	9
>KRAS-Q22R·GKSALTIQL	414	>KRAS-Q22R·GKSALTIRL	1020	606
>KRAS-Q22R·GKSALTIQL	800	>KRAS-Q22R·GKSALTIRL	473	327
>KRAS-Q22R·VGKSALTIQ	20794	>KRAS-Q22R·VGKSALTIR	316	20478
>KRAS-Q61E·QEEYSAMR	2046	>KRAS-Q61E·EEEYSAMR	168	1878
>KRAS-Q61E·QEEYSAMRD	722	>KRAS-Q61E·EEEYSAMRDC	315	407
>KRAS-Q61E·QEEYSAMRD	423	>KRAS-Q61E·EEEYSAMRDC	499	76
>KRAS-Q61E·GQEEYSAM	497	>KRAS-Q61E·GEEEYSAM	16619	16122
>KRAS-Q61E·GQEEYSAMR	385	>KRAS-Q61E·GEEEYSAMR	10970	10585
>KRAS-Q61E·GQEEYSAM	347	>KRAS-Q61E·GEEEYSAM	3284	2937
>KRAS-Q61E·GQEEYSAM	3638	>KRAS-Q61E·GEEEYSAM	44	3594
>KRAS-Q61E·GQEEYSAM	12764	>KRAS-Q61E·GEEEYSAM	236	12528
>KRAS-Q61E·CLLDILDTAGC	479	>KRAS-Q61E·CLLDILDTAGEC	6428	5949
>KRAS-Q61E·CLLDILDTAGC	138	>KRAS-Q61E·CLLDILDTAGEC	6100	5962
>KRAS-Q61E·TAGQEEYSAM	56	>KRAS-Q61E·TAGEEEYSAM	45	11
>KRAS-Q61E·DTAGQEEY	387	>KRAS-Q61E·DTAGEEY	628	241
>KRAS-Q61E·DTAGQEEY	94	>KRAS-Q61E·DTAGEEY	185	91
>KRAS-Q61E·DTAGQEEYSA	491	>KRAS-Q61E·DTAGEEYSA	685	194

>KRAS-Q61E-DTAGQEEY	28	>KRAS-Q61E-DTAGEEY	55	27
>KRAS-Q61E-DTAGQEEYS/	20	>KRAS-Q61E-DTAGEEEYSA	22	2
>KRAS-Q61E-DTAGQEEY	8	>KRAS-Q61E-DTAGEEY	9	1
>KRAS-Q61E-DTAGQEEYS/	6	>KRAS-Q61E-DTAGEEEYSA	6	0
>KRAS-Q61E-DTAGQEEYS/	223	>KRAS-Q61E-DTAGEEEYSA	364	141
>KRAS-Q61E-DTAGQEEY	245	>KRAS-Q61E-DTAGEEY	570	325
>KRAS-Q61E-DTAGQEEY	89	>KRAS-Q61E-DTAGEEY	96	7
>KRAS-Q61E-DTAGQEEYS	408	>KRAS-Q61E-DTAGEEEYS	1018	610
>KRAS-Q61E-DTAGQEEYS/	613	>KRAS-Q61E-DTAGEEEYSA	364	249
>KRAS-Q61E-DTAGQEEYS/	389	>KRAS-Q61E-DTAGEEEYSA	720	331
>KRAS-Q61E-DTAGQEEYS/	449	>KRAS-Q61E-DTAGEEEYSA	536	87
>KRAS-Q61E-ILDITAGQEEY	135	>KRAS-Q61E-ILDITAGEEY	173	38
>KRAS-Q61E-ILDITAGQEEY	349	>KRAS-Q61E-ILDITAGEEY	538	189
>KRAS-Q61E-ILDITAGQEEY	463	>KRAS-Q61E-ILDITAGEEY	795	332
>KRAS-Q61E-DILITAGQEE	150	>KRAS-Q61E-DILITAGEE`	199	49
>KRAS-Q61E-DILITAGQEE	183	>KRAS-Q61E-DILITAGEE`	348	165
>KRAS-Q61E-LLDILITAGQ	401	>KRAS-Q61E-LLDILITAG	12124	11723
>KRAS-Q61H QEEYSAMR	509	>KRAS-Q61H HEEYSAMR	320	189
>KRAS-Q61H QEEYSAMRD	734	>KRAS-Q61H HEEYSAMRD	358	376
>KRAS-Q61H QEEYSAMRD	423	>KRAS-Q61H HEEYSAMRD	1382	959
>KRAS-Q61H GQEEYSAM	497	>KRAS-Q61H GHEEYSAM	23893	23396
>KRAS-Q61H GQEEYSAMR	385	>KRAS-Q61H GHEEYSAMR	8603	8218
>KRAS-Q61H GQEEYSAM	347	>KRAS-Q61H GHEEYSAM	157	190
>KRAS-Q61H CLLDILITAG	479	>KRAS-Q61H CLLDILITAG	8172	7693
>KRAS-Q61H CLLDILITAG	138	>KRAS-Q61H CLLDILITAG	8703	8565
>KRAS-Q61H TAGQEEYSAM	56	>KRAS-Q61H TAGHEEYSAM	57	1
>KRAS-Q61H DTAGQEEY	387	>KRAS-Q61H DTAGHEEY	466	79
>KRAS-Q61H DTAGQEEY	94	>KRAS-Q61H DTAGHEEY	65	29
>KRAS-Q61H DTAGQEEYS/	491	>KRAS-Q61H DTAGHEEYSA	237	254
>KRAS-Q61H DTAGQEEY	28	>KRAS-Q61H DTAGHEEY	26	2
>KRAS-Q61H DTAGQEEYS/	20	>KRAS-Q61H DTAGHEEYSA	16	4
>KRAS-Q61H DTAGQEEY	8	>KRAS-Q61H DTAGHEEY	5	3
>KRAS-Q61H DTAGQEEYS/	6	>KRAS-Q61H DTAGHEEYSA	4	2
>KRAS-Q61H DTAGQEEYS/	223	>KRAS-Q61H DTAGHEEYSA	411	188
>KRAS-Q61H DTAGQEEY	245	>KRAS-Q61H DTAGHEEY	122	123
>KRAS-Q61H DTAGQEEY	89	>KRAS-Q61H DTAGHEEY	66	23
>KRAS-Q61H DTAGQEEYS	408	>KRAS-Q61H DTAGHEEYS	365	43
>KRAS-Q61H DTAGQEEYS/	613	>KRAS-Q61H DTAGHEEYSA	405	208
>KRAS-Q61H DTAGQEEYS/	389	>KRAS-Q61H DTAGHEEYSA	392	3
>KRAS-Q61H DTAGQEEYS/	666	>KRAS-Q61H DTAGHEEYSA	427	239
>KRAS-Q61H DTAGQEEYS/	449	>KRAS-Q61H DTAGHEEYSA	410	39
>KRAS-Q61H ILITAGQEEY	135	>KRAS-Q61H ILITAGHEEY	104	31
>KRAS-Q61H ILITAGQEEY:	734	>KRAS-Q61H ILITAGHEEY:	442	292

>KRAS-Q61H ILDTAGQEEY	571	>KRAS-Q61H ILDTAGHEEY	399	172
>KRAS-Q61H ILDTAGQEEY	349	>KRAS-Q61H ILDTAGHEEY	328	21
>KRAS-Q61H ILDTAGQEEY	463	>KRAS-Q61H ILDTAGHEEY	206	257
>KRAS-Q61H ILDTAGQEEY	504	>KRAS-Q61H ILDTAGHEEY	403	101
>KRAS-Q61H DILDTAGQEE	150	>KRAS-Q61H DILDTAGHEE	118	32
>KRAS-Q61H DILDTAGQEE	183	>KRAS-Q61H DILDTAGHEE	120	63
>KRAS-Q61H LLDILDTAGQ	401	>KRAS-Q61H LLDILDTAGH	15735	15334
>KRAS-Q61K·QEEYSAMRD	423	>KRAS-Q61K·KEEYSAMRD	1146	723
>KRAS-Q61K·QEEYSAMR	3059	>KRAS-Q61K·KEEYSAMR	470	2589
>KRAS-Q61K·GQEEYSAM	497	>KRAS-Q61K·GKEEYSAM	18666	18169
>KRAS-Q61K·GQEEYSAMR	385	>KRAS-Q61K·GKEEYSAMR	12307	11922
>KRAS-Q61K·GQEEYSAM	347	>KRAS-Q61K·GKEEYSAM	1249	902
>KRAS-Q61K·CLLDILDTAG	479	>KRAS-Q61K·CLLDILDTAGH	3331	2852
>KRAS-Q61K·CLLDILDTAG	138	>KRAS-Q61K·CLLDILDTAGH	1684	1546
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>KRAS-Q61K·TAGQEEYSAM	56	>KRAS-Q61K·TAGKEEYSAM	53	3
>KRAS-Q61K·DTAGQEEY	387	>KRAS-Q61K·DTAGKEEY	1068	681
>KRAS-Q61K·DTAGQEEY	94	>KRAS-Q61K·DTAGKEEY	158	64
>KRAS-Q61K·DTAGQEEYSA	491	>KRAS-Q61K·DTAGKEEYSA	576	85
>KRAS-Q61K·DTAGQEEY	28	>KRAS-Q61K·DTAGKEEY	60	32
>KRAS-Q61K·DTAGQEEYSA	20	>KRAS-Q61K·DTAGKEEYSA	27	7
>KRAS-Q61K·DTAGQEEY	8	>KRAS-Q61K·DTAGKEEY	15	7
>KRAS-Q61K·DTAGQEEYSA	6	>KRAS-Q61K·DTAGKEEYSA	8	2
>KRAS-Q61K·DTAGQEEYSA	223	>KRAS-Q61K·DTAGKEEYSA	119	104
>KRAS-Q61K·DTAGQEEY	245	>KRAS-Q61K·DTAGKEEY	616	371
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>KRAS-Q61K·DTAGQEEYS	408	>KRAS-Q61K·DTAGKEEYS	466	58
>KRAS-Q61K·DTAGQEEYSA	613	>KRAS-Q61K·DTAGKEEYSA	455	158
>KRAS-Q61K·DTAGQEEYSA	389	>KRAS-Q61K·DTAGKEEYSA	454	65
>KRAS-Q61K·DTAGQEEYSA	449	>KRAS-Q61K·DTAGKEEYSA	1195	746
>KRAS-Q61K·ILDTAGQEEY	135	>KRAS-Q61K·ILDTAGKEEY	212	77
>KRAS-Q61K·ILDTAGQEEY	571	>KRAS-Q61K·ILDTAGKEEY	499	72
>KRAS-Q61K·ILDTAGQEEY	349	>KRAS-Q61K·ILDTAGKEEY	561	212
>KRAS-Q61K·ILDTAGQEEY	463	>KRAS-Q61K·ILDTAGKEEY	1609	1146
>KRAS-Q61K·DILDTAGQEE	150	>KRAS-Q61K·DILDTAGKEE'	328	178
>KRAS-Q61K·DILDTAGQEE	183	>KRAS-Q61K·DILDTAGKEE'	352	169
>KRAS-Q61K·DILDTAGQ	8084	>KRAS-Q61K·DILDTAGK	191	7893
>KRAS-Q61K·LLDILDTAGQ	401	>KRAS-Q61K·LLDILDTAGK	4614	4213
>KRAS-Q61L·QEEYSAMRD	734	>KRAS-Q61L·LEEYSAMRDC	233	501
>KRAS-Q61L·QEEYSAMRD	423	>KRAS-Q61L·LEEYSAMRDC	2834	2411
>KRAS-Q61L·GQEEYSAM	6727	>KRAS-Q61L·GLEEYSAM	158	6569
>KRAS-Q61L·GQEEYSAM	497	>KRAS-Q61L·GLEEYSAM	2825	2328
>KRAS-Q61L·GQEEYSAM	9183	>KRAS-Q61L·GLEEYSAM	239	8944

>KRAS-Q61L-GQEEYSAM	5763	>KRAS-Q61L-GLEEYSAM	114	5649
>KRAS-Q61L-GQEEYSAM	29319	>KRAS-Q61L-GLEEYSAM	175	29144
>KRAS-Q61L-GQEEYSAMR	385	>KRAS-Q61L-GLEEYSAMR	513	128
>KRAS-Q61L-GQEEYSAM	347	>KRAS-Q61L-GLEEYSAM	7030	6683
>KRAS-Q61L-CLLDILDTAGC	6354	>KRAS-Q61L-CLLDILDTAGL	26	6328
>KRAS-Q61L-CLLDILDTAGC	731	>KRAS-Q61L-CLLDILDTAGL	27	704
>KRAS-Q61L-CLLDILDTAGC	3796	>KRAS-Q61L-CLLDILDTAGL	81	3715
>KRAS-Q61L-CLLDILDTAGC	1926	>KRAS-Q61L-CLLDILDTAGL	31	1895
>KRAS-Q61L-CLLDILDTAGC	835	>KRAS-Q61L-CLLDILDTAGL	8	827
>KRAS-Q61L-CLLDILDTAGC	1277	>KRAS-Q61L-CLLDILDTAGL	6	1271
>KRAS-Q61L-CLLDILDTAGC	3176	>KRAS-Q61L-CLLDILDTAGL	31	3145
>KRAS-Q61L-CLLDILDTAGC	479	>KRAS-Q61L-CLLDILDTAGL	2	477
>KRAS-Q61L-CLLDILDTAGC	138	>KRAS-Q61L-CLLDILDTAGL	5	133
>KRAS-Q61L-TAGQEEYSAM	56	>KRAS-Q61L-TAGLEEYSAM	65	9
>KRAS-Q61L-DTAGQEEY	387	>KRAS-Q61L-DTAGLEEY	355	32
>KRAS-Q61L-DTAGQEEY	94	>KRAS-Q61L-DTAGLEEY	55	39
>KRAS-Q61L-DTAGQEEYS/	491	>KRAS-Q61L-DTAGLEEYSA	353	138
>KRAS-Q61L-DTAGQEEY	28	>KRAS-Q61L-DTAGLEEY	30	2
>KRAS-Q61L-DTAGQEEYS/	20	>KRAS-Q61L-DTAGLEEYSA	31	11
>KRAS-Q61L-DTAGQEEY	8	>KRAS-Q61L-DTAGLEEY	6	2
>KRAS-Q61L-DTAGQEEYS/	6	>KRAS-Q61L-DTAGLEEYSA	8	2
>KRAS-Q61L-DTAGQEEYS/	223	>KRAS-Q61L-DTAGLEEYSA	152	71
>KRAS-Q61L-DTAGQEEY	245	>KRAS-Q61L-DTAGLEEY	179	66
>KRAS-Q61L-DTAGQEEY	89	>KRAS-Q61L-DTAGLEEY	61	28
>KRAS-Q61L-DTAGQEEYS	408	>KRAS-Q61L-DTAGLEEYS	114	294
>KRAS-Q61L-DTAGQEEYS/	613	>KRAS-Q61L-DTAGLEEYSA	151	462
>KRAS-Q61L-DTAGQEEYS/	389	>KRAS-Q61L-DTAGLEEYSA	168	221
>KRAS-Q61L-DTAGQEEYS/	666	>KRAS-Q61L-DTAGLEEYSA	401	265
>KRAS-Q61L-DTAGQEEYS/	449	>KRAS-Q61L-DTAGLEEYSA	480	31
>KRAS-Q61L-DTAGQEEYS/	805	>KRAS-Q61L-DTAGLEEYSA	278	527
>KRAS-Q61L-ILDTAGQEEY	135	>KRAS-Q61L-ILDTAGLEEY	54	81
>KRAS-Q61L-ILDTAGQEEY	349	>KRAS-Q61L-ILDTAGLEEY	261	88
>KRAS-Q61L-ILDTAGQEEY	463	>KRAS-Q61L-ILDTAGLEEY	103	360
>KRAS-Q61L-DILDTAGQ	12736	>KRAS-Q61L-DILDTAGL	165	12571
>KRAS-Q61L-DILDTAGQEE	849	>KRAS-Q61L-DILDTAGLEE\	407	442
>KRAS-Q61L-DILDTAGQEE	150	>KRAS-Q61L-DILDTAGLEE\	60	90
>KRAS-Q61L-DILDTAGQEE	183	>KRAS-Q61L-DILDTAGLEE\	146	37
>KRAS-Q61L-DILDTAGQ	1563	>KRAS-Q61L-DILDTAGL	17	1546
>KRAS-Q61L-LDILDTAGQ	16524	>KRAS-Q61L-LDILDTAGL	384	16140
>KRAS-Q61L-LLDILDTAGQ	13423	>KRAS-Q61L-LLDILDTAGL	168	13255
>KRAS-Q61L-LLDILDTAGQ	10881	>KRAS-Q61L-LLDILDTAGL	60	10821
>KRAS-Q61L-LLDILDTAGQ	10500	>KRAS-Q61L-LLDILDTAGL	107	10393
>KRAS-Q61L-LLDILDTAGQ	16137	>KRAS-Q61L-LLDILDTAGL	329	15808

>KRAS-Q61L-LLDILDTAGQ	2409	>KRAS-Q61L-LLDILDTAGL	21	2388
>KRAS-Q61L-LLDILDTAGQ	6198	>KRAS-Q61L-LLDILDTAGL	30	6168
>KRAS-Q61L-LLDILDTAGQ	3175	>KRAS-Q61L-LLDILDTAGL	24	3151
>KRAS-Q61L-LLDILDTAGQ	13067	>KRAS-Q61L-LLDILDTAGL	91	12976
>KRAS-Q61L-LLDILDTAGQ	401	>KRAS-Q61L-LLDILDTAGL	8	393
>KRAS-Q61P-QEEYSAMRD	423	>KRAS-Q61P-PEEYSAMRD	4511	4088
>KRAS-Q61P-GQEEYSAM	497	>KRAS-Q61P-GPEEYSAM	23788	23291
>KRAS-Q61P-GQEEYSAMR	385	>KRAS-Q61P-GPEEYSAMR	10224	9839
>KRAS-Q61P-GQEEYSAM	21659	>KRAS-Q61P-GPEEYSAM	102	21557
>KRAS-Q61P-GQEEYSAM	5425	>KRAS-Q61P-GPEEYSAM	51	5374
>KRAS-Q61P-GQEEYSAM	347	>KRAS-Q61P-GPEEYSAM	1098	751
>KRAS-Q61P-CLLDILDTAGC	479	>KRAS-Q61P-CLLDILDTAGF	4926	4447
>KRAS-Q61P-CLLDILDTAGC	138	>KRAS-Q61P-CLLDILDTAGF	6838	6700
>KRAS-Q61P-TAGQEEYSAM	56	>KRAS-Q61P-TAGPEEYSAM	63	7
>KRAS-Q61P-DTAGQEEY	387	>KRAS-Q61P-DTAGPEEY	1046	659
>KRAS-Q61P-DTAGQEEY	94	>KRAS-Q61P-DTAGPEEY	356	262
>KRAS-Q61P-DTAGQEEYSA	491	>KRAS-Q61P-DTAGPEEYSA	895	404
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>KRAS-Q61P-DTAGQEEYSA	20	>KRAS-Q61P-DTAGPEEYSA	34	14
>KRAS-Q61P-DTAGQEEY	8	>KRAS-Q61P-DTAGPEEY	7	1
>KRAS-Q61P-DTAGQEEYSA	6	>KRAS-Q61P-DTAGPEEYSA	5	1
>KRAS-Q61P-DTAGQEEY	1082	>KRAS-Q61P-DTAGPEEY	213	869
>KRAS-Q61P-DTAGQEEYSA	223	>KRAS-Q61P-DTAGPEEYSA	77	146
>KRAS-Q61P-DTAGQEEY	245	>KRAS-Q61P-DTAGPEEY	239	6
>KRAS-Q61P-DTAGQEEY	89	>KRAS-Q61P-DTAGPEEY	119	30
>KRAS-Q61P-DTAGQEEYS	408	>KRAS-Q61P-DTAGPEEYS	65	343
>KRAS-Q61P-DTAGQEEYSA	613	>KRAS-Q61P-DTAGPEEYSA	144	469
>KRAS-Q61P-DTAGQEEYSA	389	>KRAS-Q61P-DTAGPEEYSA	123	266
>KRAS-Q61P-DTAGQEEYSA	666	>KRAS-Q61P-DTAGPEEYSA	207	459
>KRAS-Q61P-DTAGQEEYSA	449	>KRAS-Q61P-DTAGPEEYSA	643	194
>KRAS-Q61P-DTAGQEEYSA	805	>KRAS-Q61P-DTAGPEEYSA	284	521
>KRAS-Q61P-ILDITAGQEEY	135	>KRAS-Q61P-ILDITAGPEEY	91	44
>KRAS-Q61P-ILDITAGQEEY	734	>KRAS-Q61P-ILDITAGPEEYS	437	297
>KRAS-Q61P-ILDITAGQEEY	571	>KRAS-Q61P-ILDITAGPEEY	273	298
>KRAS-Q61P-ILDITAGQEEY	349	>KRAS-Q61P-ILDITAGPEEY	461	112
>KRAS-Q61P-ILDITAGQEEY	463	>KRAS-Q61P-ILDITAGPEEY	365	98
>KRAS-Q61P-DILDTAGQEE	150	>KRAS-Q61P-DILDTAGPEE'	181	31
>KRAS-Q61P-DILDTAGQEE	183	>KRAS-Q61P-DILDTAGPEE'	162	21
>KRAS-Q61P-LLDILDTAGQ	401	>KRAS-Q61P-LLDILDTAGP	13302	12901
>KRAS-Q61R-QEEYSAMRD	423	>KRAS-Q61R-REEYSAMRD	545	122
>KRAS-Q61R-GQEEYSAM	497	>KRAS-Q61R-GREEYSAM	23610	23113
>KRAS-Q61R-GQEEYSAMR	385	>KRAS-Q61R-GREEYSAMR	15846	15461
>KRAS-Q61R-GQEEYSAM	347	>KRAS-Q61R-GREEYSAM	306	41



>KRAS-Q61R·CLLDILDTAGC	479	>KRAS-Q61R·CLLDILDTAGF	6628	6149
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>KRAS-Q61R·CLLDILDTAGC	24335	>KRAS-Q61R·CLLDILDTAGF	470	23865
>KRAS-Q61R·CLLDILDTAGC	15438	>KRAS-Q61R·CLLDILDTAGF	230	15208
>KRAS-Q61R·CLLDILDTAGC	8819	>KRAS-Q61R·CLLDILDTAGF	120	8699
>KRAS-Q61R·TAGQEEYSAN	56	>KRAS-Q61R·TAGREEYSAN	61	5
>KRAS-Q61R·DTAGQEEY	387	>KRAS-Q61R·DTAGREEY	838	451
>KRAS-Q61R·DTAGQEEY	94	>KRAS-Q61R·DTAGREEY	130	36
>KRAS-Q61R·DTAGQEEYSA	491	>KRAS-Q61R·DTAGREEYSA	531	40
>KRAS-Q61R·DTAGQEEY	28	>KRAS-Q61R·DTAGREEY	38	10
>KRAS-Q61R·DTAGQEEYSA	20	>KRAS-Q61R·DTAGREEYSA	22	2
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>KRAS-Q61R·DTAGQEEYSA	6	>KRAS-Q61R·DTAGREEYSA	10	4
>KRAS-Q61R·DTAGQEEY	1082	>KRAS-Q61R·DTAGREEY	480	602
>KRAS-Q61R·DTAGQEEYSA	223	>KRAS-Q61R·DTAGREEYSA	120	103
>KRAS-Q61R·DTAGQEEY	245	>KRAS-Q61R·DTAGREEY	484	239
>KRAS-Q61R·DTAGQEEY	89	>KRAS-Q61R·DTAGREEY	62	27
>KRAS-Q61R·DTAGQEEYS	408	>KRAS-Q61R·DTAGREEYS	614	206
>KRAS-Q61R·DTAGQEEYSA	613	>KRAS-Q61R·DTAGREEYSA	364	249
>KRAS-Q61R·DTAGQEEYSA	389	>KRAS-Q61R·DTAGREEYSA	519	130
>KRAS-Q61R·DTAGQEEYSA	449	>KRAS-Q61R·DTAGREEYSA	1084	635
>KRAS-Q61R·ILDITAGQEEY	135	>KRAS-Q61R·ILDITAGREEY	181	46
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>KRAS-Q61R·ILDITAGQEEY	349	>KRAS-Q61R·ILDITAGREEY	488	139
>KRAS-Q61R·ILDITAGQEEY	463	>KRAS-Q61R·ILDITAGREEY	1310	847
>KRAS-Q61R·DILDTAGQEE	150	>KRAS-Q61R·DILDTAGREE'	207	57
>KRAS-Q61R·DILDTAGQEE	183	>KRAS-Q61R·DILDTAGREE'	283	100
>KRAS-Q61R·DILDTAGQ	15309	>KRAS-Q61R·DILDTAGR	67	15242
>KRAS-Q61R·DILDTAGQ	8084	>KRAS-Q61R·DILDTAGR	49	8035
>KRAS-Q61R·DILDTAGQ	20152	>KRAS-Q61R·DILDTAGR	361	19791
>KRAS-Q61R·LLDILDTAGQ	401	>KRAS-Q61R·LLDILDTAGR	10970	10569
>KRAS-R164C(RKHKEKMSK	27	>KRAS-R164C(QKHKEKMSK	1698	1671
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>KRAS-R164C(IRKHKEKMSK	983	>KRAS-R164C(IQKHKEKMSK	112	871
>KRAS-R164C(IRKHKEKM	533	>KRAS-R164C(IQKHKEKM	88	445
>KRAS-R164C(IRKHKEKMSK	1407	>KRAS-R164C(IQKHKEKMSK	283	1124
>KRAS-R164C(DAFYTLVREIF	22	>KRAS-R164C(DAFYTLVREIC	5416	5394
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>KRAS-R164C(EIRKHKEKM	319	>KRAS-R164C(EIQKHKEKM	475	156
>KRAS-R164C(EIRKHKEKMS	283	>KRAS-R164C(EIQKHKEKMS	11039	10756
>KRAS-R164C(EIRKHKEK	507	>KRAS-R164C(EIQKHKEK	271	236
>KRAS-R164C(EIRKHKEKMS	266	>KRAS-R164C(EIQKHKEKMS	148	118
>KRAS-R164C(EIRKHKEKM	249	>KRAS-R164C(EIQKHKEKM	2373	2124

>KRAS-R164C REIRKHKEKM	447	>KRAS-R164C REIQKHKEKM	284	163
>KRAS-R164C REIRKHKEKM	33	>KRAS-R164C REIQKHKEKM	45	12
>KRAS-R164C LVREIRKHK	495	>KRAS-R164C LVREIQKHK	445	50
>KRAS-R164C LVREIRKHK	5	>KRAS-R164C LVREIQKHK	6	1
>KRAS-R164C LVREIRKHKEI	5	>KRAS-R164C LVREIQKHKEI	6	1
>KRAS-R164C LVREIRKHK	284	>KRAS-R164C LVREIQKHK	1117	833
>KRAS-R164C TLVREIRK	211	>KRAS-R164C TLVREIQK	247	36
>KRAS-R164C TLVREIRK	236	>KRAS-R164C TLVREIQK	159	77
>KRAS-R164C TLVREIRK	705	>KRAS-R164C TLVREIQK	402	303
>KRAS-R164C YTLVREIRK	68	>KRAS-R164C YTLVREIQK	51	17
>KRAS-R164C YTLVREIRKHK	324	>KRAS-R164C YTLVREIQKHI	398	74
>KRAS-R164C YTLVREIRK	372	>KRAS-R164C YTLVREIQK	264	108
>KRAS-R164C YTLVREIRKHK	159	>KRAS-R164C YTLVREIQKHI	253	94
>KRAS-R164C YTLVREIR	80	>KRAS-R164C YTLVREIQ	13842	13762
>KRAS-R164C YTLVREIR	72	>KRAS-R164C YTLVREIQ	15806	15734
>KRAS-R164C YTLVREIR	17	>KRAS-R164C YTLVREIQ	3320	3303
>KRAS-R164C YTLVREIRK	82	>KRAS-R164C YTLVREIQK	46	36
>KRAS-R164C YTLVREIRKHK	93	>KRAS-R164C YTLVREIQKHI	97	4
>KRAS-R164C YTLVREIRKH	534	>KRAS-R164C YTLVREIQKH	324	210
>KRAS-R164C YTLVREIRK	350	>KRAS-R164C YTLVREIQK	337	13
>KRAS-R164C YTLVREIRKHK	676	>KRAS-R164C YTLVREIQKHI	372	304
>KRAS-R164C FYTLVREIR	44	>KRAS-R164C FYTLVREIQ	12757	12713
>KRAS-R164C FYTLVREIR	63	>KRAS-R164C FYTLVREIQ	8879	8816
>KRAS-R164C FYTLVREIR	207	>KRAS-R164C FYTLVREIQ	23010	22803
>KRAS-R164C AFYTLVREIRK	276	>KRAS-R164C AFYTLVREIQK	304	28
>KRAS-R164C AFYTLVREIRK	235	>KRAS-R164C AFYTLVREIQK	176	59
>KRAS-R164C AFYTLVREIRK	279	>KRAS-R164C AFYTLVREIQK	201	78
>KRAS-R164C AFYTLVREIR	10	>KRAS-R164C AFYTLVREIQ	5378	5368
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>KRAS-R164C AFYTLVREIR	99	>KRAS-R164C AFYTLVREIQ	27735	27636
>KRAS-R164C AFYTLVREIR	237	>KRAS-R164C AFYTLVREIQ	14200	13963
>KRAS-S17G- SALTIQLI	741	>KRAS-S17G- GALTIQLI	242	499
>KRAS-S17G- SALTIQLI	127	>KRAS-S17G- GALTIQLI	746	619
>KRAS-S17G- KSALTIQLI	239	>KRAS-S17G- KGALTIQLI	3567	3328
>KRAS-S17G- KSALTIQL	276	>KRAS-S17G- KGALTIQL	12317	12041
>KRAS-S17G- KSALTIQL	7	>KRAS-S17G- KGALTIQL	1541	1534
>KRAS-S17G- KSALTIQLI	42	>KRAS-S17G- KGALTIQLI	10221	10179
>KRAS-S17G- KSALTIQL	35	>KRAS-S17G- KGALTIQL	1906	1871
>KRAS-S17G- KSALTIQLI	24	>KRAS-S17G- KGALTIQLI	1137	1113
>KRAS-S17G- KSALTIQL	335	>KRAS-S17G- KGALTIQL	13868	13533
>KRAS-S17G- KSALTIQLI	73	>KRAS-S17G- KGALTIQLI	3088	3015
>KRAS-S17G- KSALTIQL	241	>KRAS-S17G- KGALTIQL	4623	4382

>KRAS-S17G- KSALTIQLI	35	>KRAS-S17G- KGALTIQLI	476	441
>KRAS-S17G- GKSALTIQL	414	>KRAS-S17G- GKGALTIQL	4617	4203
>KRAS-S17N- SALTIQLI	736	>KRAS-S17N- NALTIQLI	306	430
>KRAS-S17N- SALTIQLI	127	>KRAS-S17N- NALTIQLI	915	788
>KRAS-S17N- KSALTIQLI	239	>KRAS-S17N- KNALTIQLI	4850	4611
>KRAS-S17N- KSALTIQL	276	>KRAS-S17N- KNALTIQL	6223	5947
>KRAS-S17N- KSALTIQL	7	>KRAS-S17N- KNALTIQL	12133	12126
>KRAS-S17N- KSALTIQLI	42	>KRAS-S17N- KNALTIQLI	20317	20275
>KRAS-S17N- KSALTIQL	35	>KRAS-S17N- KNALTIQL	8687	8652
>KRAS-S17N- KSALTIQLI	24	>KRAS-S17N- KNALTIQLI	7812	7788
>KRAS-S17N- KSALTIQL	335	>KRAS-S17N- KNALTIQL	25235	24900
>KRAS-S17N- KSALTIQLI	73	>KRAS-S17N- KNALTIQLI	6937	6864
>KRAS-S17N- KSALTIQL	241	>KRAS-S17N- KNALTIQL	4413	4172
>KRAS-S17N- KSALTIQLI	35	>KRAS-S17N- KNALTIQLI	376	341
>KRAS-S17N- GKSALTIQL	414	>KRAS-S17N- GKNALTIQL	836	422
>KRAS-S17N- GKSALTIQL	721	>KRAS-S17N- GKNALTIQL	460	261
>KRAS-S17N- GVGKSALTI	931	>KRAS-S17N- GVGKNALTI	406	525
>KRAS-T35I-ᵛ TIEDSYRKQV	37	>KRAS-T35I-r IIEDSYRKQV	13	24
>KRAS-T35I-ᵛ TIEDSYRKQV'	57	>KRAS-T35I-r IIEDSYRKQV\	19	38
>KRAS-T35I-ᵛ TIEDSYRK	78	>KRAS-T35I-r IIEDSYRK	178	100
>KRAS-T35I-ᵛ TIEDSYRK	230	>KRAS-T35I-r IIEDSYRK	624	394
>KRAS-T35I-ᵛ PTIEDSYRKQ\	3021	>KRAS-T35I-r PIIEDSYRKQV	96	2925
>KRAS-T35I-ᵛ PTIEDSYR	105	>KRAS-T35I-r PIIEDSYR	531	426
>KRAS-T35I-ᵛ PTIEDSYR	1190	>KRAS-T35I-r PIIEDSYR	244	946
>KRAS-T35I-ᵛ QNHFVDEYD	6632	>KRAS-T35I-r QNHFVDEYD	379	6253
>KRAS-T35I-ᵛ DPTIEDSYR	485	>KRAS-T35I-r DPIIEDSYR	457	28
>KRAS-T35I-ᵛ DPTIEDSYR	198	>KRAS-T35I-r DPIIEDSYR	180	18
>KRAS-T35I-ᵛ DPTIEDSY	27	>KRAS-T35I-r DPIIEDSY	18	9
>KRAS-T35I-ᵛ DPTIEDSY	316	>KRAS-T35I-r DPIIEDSY	187	129
>KRAS-T35I-ᵛ EYDPTIEDSY	498	>KRAS-T35I-r EYDPIIEDSY	343	155
>KRAS-T35I-ᵛ EYDPTIEDSY	364	>KRAS-T35I-r EYDPIIEDSY	389	25
>KRAS-T35I-ᵛ EYDPTIEDSYF	91	>KRAS-T35I-r EYDPIIEDSYR	46	45
>KRAS-T35I-ᵛ EYDPTIEDSYF	147	>KRAS-T35I-r EYDPIIEDSYR	85	62
>KRAS-T35I-ᵛ EYDPTIEDSYF	46	>KRAS-T35I-r EYDPIIEDSYR	35	11
>KRAS-T35I-ᵛ DEYDPTIE	590	>KRAS-T35I-r DEYDPIIE	337	253
>KRAS-T35I-ᵛ DEYDPTIED	149	>KRAS-T35I-r DEYDPIIED	76	73
>KRAS-T35I-ᵛ DEYDPTIEDS\	8	>KRAS-T35I-r DEYDPIIEDSY	8	0
>KRAS-T35I-ᵛ DEYDPTIEDS\	490	>KRAS-T35I-r DEYDPIIEDSY	460	30
>KRAS-T35I-ᵛ DEYDPTIEDS\	380	>KRAS-T35I-r DEYDPIIEDSY	320	60
>KRAS-T35I-ᵛ VDEYDPTI	221	>KRAS-T35I-r VDEYDPII	262	41
>KRAS-T35I-ᵛ FVDEYDPT	318	>KRAS-T35I-r FVDEYDPI	25	293
>KRAS-T35I-ᵛ FVDEYDPTI	12	>KRAS-T35I-r FVDEYDPII	19	7
>KRAS-T35I-ᵛ FVDEYDPT	946	>KRAS-T35I-r FVDEYDPI	34	912

>KRAS-T35I-v FVDEYDPTI	178	>KRAS-T35I-r FVDEYDPII	387	209
>KRAS-T35I-v FVDEYDPT	4528	>KRAS-T35I-r FVDEYDPI	336	4192
>KRAS-T35I-v FVDEYDPT	24	>KRAS-T35I-r FVDEYDPI	5	19
>KRAS-T35I-v FVDEYDPTI	4	>KRAS-T35I-r FVDEYDPII	9	5
>KRAS-T35I-v FVDEYDPT	374	>KRAS-T35I-r FVDEYDPI	17	357
>KRAS-T35I-v FVDEYDPTI	6	>KRAS-T35I-r FVDEYDPII	43	37
>KRAS-T35I-v FVDEYDPT	2719	>KRAS-T35I-r FVDEYDPI	45	2674
>KRAS-T35I-v FVDEYDPTI	16	>KRAS-T35I-r FVDEYDPII	66	50
>KRAS-T35I-v FVDEYDPT	1826	>KRAS-T35I-r FVDEYDPI	79	1747
>KRAS-T35I-v FVDEYDPTI	14	>KRAS-T35I-r FVDEYDPII	38	24
>KRAS-T35I-v FVDEYDPTI	138	>KRAS-T35I-r FVDEYDPII	1219	1081
>KRAS-T35I-v FVDEYDPT	4606	>KRAS-T35I-r FVDEYDPI	491	4115
>KRAS-T35I-v FVDEYDPTI	34	>KRAS-T35I-r FVDEYDPII	211	177
>KRAS-T35I-v FVDEYDPT	5767	>KRAS-T35I-r FVDEYDPI	262	5505
>KRAS-T35I-v FVDEYDPT	731	>KRAS-T35I-r FVDEYDPI	22	709
>KRAS-T35I-v FVDEYDPTI	19	>KRAS-T35I-r FVDEYDPII	87	68
>KRAS-T35I-v HFVDEYDPT	19765	>KRAS-T35I-r HFVDEYDPI	427	19338
>KRAS-T35I-v HFVDEYDPT	11019	>KRAS-T35I-r HFVDEYDPI	271	10748
>KRAS-T35I-v HFVDEYDPTI	294	>KRAS-T35I-r HFVDEYDPII	878	584
>KRAS-T35I-v HFVDEYDPT	1545	>KRAS-T35I-r HFVDEYDPI	392	1153
>KRAS-T35I-v NHFVDEYDPT	7871	>KRAS-T35I-r NHFVDEYDPI	425	7446
>KRAS-T35I-v NHFVDEYDPTI	326	>KRAS-T35I-r NHFVDEYDPI	378	52
>KRAS-T74P- RTGEGFLCV	35	>KRAS-T74P- RPEGFLCV	6590	6555
>KRAS-T74P- RTGEGFLCVF	217	>KRAS-T74P- RPEGFLCVF	10794	10577
>KRAS-T74P- RTGEGFLCV	78	>KRAS-T74P- RPEGFLCV	10600	10522
>KRAS-T74P- RTGEGFLCV	450	>KRAS-T74P- RPEGFLCV	15698	15248
>KRAS-T74P- RTGEGFLCV	51	>KRAS-T74P- RPEGFLCV	7053	7002
>KRAS-T74P- RTGEGFLCV	386	>KRAS-T74P- RPEGFLCV	16516	16130
>KRAS-T74P- RTGEGFLCVF	196	>KRAS-T74P- RPEGFLCVF	4306	4110
>KRAS-T74P- RTGEGFLCVF	359	>KRAS-T74P- RPEGFLCVF	16962	16603
>KRAS-T74P- RTGEGFLCVF	42	>KRAS-T74P- RPEGFLCVF	9995	9953
>KRAS-T74P- RTGEGFLCV	19478	>KRAS-T74P- RPEGFLCV	195	19283
>KRAS-T74P- RTGEGFLCVF	26678	>KRAS-T74P- RPEGFLCVF	212	26466
>KRAS-T74P- RTGEGFLCVF	55	>KRAS-T74P- RPEGFLCVF	2332	2277
>KRAS-T74P- RTGEGFLCVF	252	>KRAS-T74P- RPEGFLCVF	630	378
>KRAS-T74P- RTGEGFLCVF	7	>KRAS-T74P- RPEGFLCVF	11659	11652
>KRAS-T74P- RTGEGFLCVF	29105	>KRAS-T74P- RPEGFLCVF	286	28819
>KRAS-T74P- RTGEGFLCVF	33	>KRAS-T74P- RPEGFLCVF	14881	14848
>KRAS-T74P- RTGEGFLCVF	494	>KRAS-T74P- RPEGFLCVF	17132	16638
>KRAS-T74P- RTGEGFLCVF	37	>KRAS-T74P- RPEGFLCVF	9736	9699
>KRAS-T74P- MRTGEGFLC	111	>KRAS-T74P- MRPEGFLC	251	140
>KRAS-T74P- MRTGEGFL	391	>KRAS-T74P- MRPEGFL	3078	2687
>KRAS-T74P- MRTGEGFLC	207	>KRAS-T74P- MRPEGFLC	1491	1284

>KRAS-T74P- MRTGEGFLC\	284	>KRAS-T74P- MRPGEGFLC\	2317	2033
>KRAS-T74P- MRTGEGFLC\	354	>KRAS-T74P- MRPGEGFLC\	708	354
>KRAS-T74P- MRTGEGFL	52	>KRAS-T74P- MRPGEGFL	220	168
>KRAS-T74P- MRTGEGFLC\	16	>KRAS-T74P- MRPGEGFLC\	40	24
>KRAS-T74P- YMRTGEGFLC\	150	>KRAS-T74P- YMRPGEGFLC\	131	19
>KRAS-T74P- YMRTGEGFL	131	>KRAS-T74P- YMRPGEGFL	99	32
>KRAS-T74P- YMRTGEGFLC\	191	>KRAS-T74P- YMRPGEGFLC\	136	55
>KRAS-T74P- YMRTGEGFL	28	>KRAS-T74P- YMRPGEGFL	18	10
>KRAS-T74P- YMRTGEGFLC\	10	>KRAS-T74P- YMRPGEGFLC\	7	3
>KRAS-T74P- YMRTGEGFL	1417	>KRAS-T74P- YMRPGEGFL	408	1009
>KRAS-T74P- YMRTGEGFLC\	69	>KRAS-T74P- YMRPGEGFLC\	30	39
>KRAS-T74P- YMRTGEGFL	50	>KRAS-T74P- YMRPGEGFL	17	33
>KRAS-T74P- YMRTGEGFLC\	230	>KRAS-T74P- YMRPGEGFLC\	86	144
>KRAS-T74P- YMRTGEGFLC\	8	>KRAS-T74P- YMRPGEGFLC\	4	4
>KRAS-T74P- YMRTGEGFL	200	>KRAS-T74P- YMRPGEGFL	82	118
>KRAS-T74P- YMRTGEGFLC\	12	>KRAS-T74P- YMRPGEGFLC\	9	3
>KRAS-T74P- YMRTGEGFL	145	>KRAS-T74P- YMRPGEGFL	41	104
>KRAS-T74P- YMRTGEGFLC\	10	>KRAS-T74P- YMRPGEGFLC\	7	3
>KRAS-T74P- YMRTGEGFLC\	31	>KRAS-T74P- YMRPGEGFLC\	19	12
>KRAS-T74P- YMRTGEGFL	8	>KRAS-T74P- YMRPGEGFL	3	5
>KRAS-T74P- YMRTGEGFLC\	36	>KRAS-T74P- YMRPGEGFLC\	10	26
>KRAS-T74P- YMRTGEGFLC\	2	>KRAS-T74P- YMRPGEGFLC\	2	0
>KRAS-T74P- YMRTGEGF	923	>KRAS-T74P- YMRPGEGF	446	477
>KRAS-T74P- YMRTGEGF	35	>KRAS-T74P- YMRPGEGF	29	6
>KRAS-T74P- YMRTGEGFL	1200	>KRAS-T74P- YMRPGEGFL	356	844
>KRAS-T74P- YMRTGEGFLC\	606	>KRAS-T74P- YMRPGEGFLC\	276	330
>KRAS-T74P- YMRTGEGF	20	>KRAS-T74P- YMRPGEGF	15	5
>KRAS-T74P- YMRTGEGFL	448	>KRAS-T74P- YMRPGEGFL	321	127
>KRAS-T74P- YMRTGEGF	5	>KRAS-T74P- YMRPGEGF	6	1
>KRAS-T74P- YMRTGEGFL	547	>KRAS-T74P- YMRPGEGFL	410	137
>KRAS-T74P- YMRTGEGFLC\	126	>KRAS-T74P- YMRPGEGFLC\	109	17
>KRAS-T74P- YMRTGEGF	55	>KRAS-T74P- YMRPGEGF	14	41
>KRAS-T74P- YMRTGEGFL	2968	>KRAS-T74P- YMRPGEGFL	200	2768
>KRAS-T74P- QYMRTGEGF	16	>KRAS-T74P- QYMRPGEGF	277	261
>KRAS-T74P- QYMRTGEGF	175	>KRAS-T74P- QYMRPGEGF	1541	1366
>KRAS-T74P- QYMRTGEGF	259	>KRAS-T74P- QYMRPGEGF	418	159
>KRAS-T74P- QYMRTGEGF	184	>KRAS-T74P- QYMRPGEGF	475	291
>KRAS-T74P- QYMRTGEGF	159	>KRAS-T74P- QYMRPGEGF	330	171
>KRAS-T74P- QYMRTGEGF	5	>KRAS-T74P- QYMRPGEGF	5	0
>KRAS-T74P- QYMRTGEGF	9	>KRAS-T74P- QYMRPGEGF	9	0
>KRAS-T74P- QYMRTGEGF	820	>KRAS-T74P- QYMRPGEGF	361	459
>KRAS-T74P- QYMRTGEGF	210	>KRAS-T74P- QYMRPGEGF	375	165
>KRAS-T74P- QYMRTGEGF	117	>KRAS-T74P- QYMRPGEGF	71	46

>KRAS-T74P- DQYMRTGEC	135	>KRAS-T74P- DQYMRPGEC	326	191
>KRAS-T74P- DQYMRTGEC	247	>KRAS-T74P- DQYMRPGEC	663	416
>KRAS-T74P- DQYMRTGEC	222	>KRAS-T74P- DQYMRPGEC	238	16
>KRAS-T74P- DQYMRTGEC	69	>KRAS-T74P- DQYMRPGEC	69	0
>KRAS-T74P- AMRDQYMR'	166	>KRAS-T74P- AMRDQYMR	6600	6434
>KRAS-T74P- AMRDQYMR'	18	>KRAS-T74P- AMRDQYMR	2230	2212
>KRAS-T74P- AMRDQYMR'	80	>KRAS-T74P- AMRDQYMR	127	47
>KRAS-T74P- AMRDQYMR'	128	>KRAS-T74P- AMRDQYMR	53	75
>KRAS-V14I-1 YKLVVVGAGC	1376	>KRAS-V14I-1 YKLVVVGAGC	240	1136
>KRAS-V14I-1 YKLVVVGAGC	423	>KRAS-V14I-1 YKLVVVGAGC	2186	1763
>KRAS-V14I-1 YKLVVVGAGC	220	>KRAS-V14I-1 YKLVVVGAGC	2205	1985
>KRAS-V14I-1 YKLVVVGAGC	696	>KRAS-V14I-1 YKLVVVGAGC	469	227
>KRAS-V14I-1 VVGAGGVGK	326	>KRAS-V14I-1 VVGAGGIGK	191	135
>KRAS-V14I-1 VVGAGGVGK	89	>KRAS-V14I-1 VVGAGGIGK	50	39
>KRAS-V14I-1 VVGAGGV	117	>KRAS-V14I-1 VVGAGGI	839	722
>KRAS-V14I-1 VVGAGGV	68	>KRAS-V14I-1 VVGAGGI	394	326
>KRAS-V14I-1 VVGAGGV	139	>KRAS-V14I-1 VVGAGGI	2106	1967
>KRAS-V14I-1 VVGAGGV	23	>KRAS-V14I-1 VVGAGGI	3598	3575
>KRAS-V14I-1 VVGAGGVG	76	>KRAS-V14I-1 VVGAGGIGI	61	15
>KRAS-V14I-1 VVGAGGVG	101	>KRAS-V14I-1 VVGAGGIGI	69	32
>KRAS-V14I-1 VVGAGGVG	203	>KRAS-V14I-1 VVGAGGIGI	187	16
>KRAS-V14I-1 VVGAGGV	191	>KRAS-V14I-1 VVGAGGI	1042	851
>KRAS-V14I-1 LVVVGAGGV	180	>KRAS-V14I-1 LVVVGAGGI	976	796
>KRAS-V14I-1 LVVVGAGGV	55	>KRAS-V14I-1 LVVVGAGGI	441	386
>KRAS-V14I-1 LVVVGAGGV	75	>KRAS-V14I-1 LVVVGAGGI	9036	8961
>KRAS-V14I-1 LVVVGAGGV	572	>KRAS-V14I-1 LVVVGAGGIC	372	200
>KRAS-V14I-1 LVVVGAGGV	284	>KRAS-V14I-1 LVVVGAGGIC	348	64
>KRAS-V14I-1 LVVVGAGGV	154	>KRAS-V14I-1 LVVVGAGGI	932	778
>KRAS-V14I-1 LVVVGAGGV	159	>KRAS-V14I-1 LVVVGAGGI	846	687
>KRAS-V14I-1 KLVVVGAGG'	392	>KRAS-V14I-1 KLVVVGAGGI	843	451
>KRAS-V14I-1 KLVVVGAGG'	35	>KRAS-V14I-1 KLVVVGAGGI	111	76
>KRAS-V14I-1 KLVVVGAGG'	6	>KRAS-V14I-1 KLVVVGAGGI	41	35
>KRAS-V14I-1 KLVVVGAGG'	17	>KRAS-V14I-1 KLVVVGAGGI	143	126
>KRAS-V14I-1 KLVVVGAGG'	14	>KRAS-V14I-1 KLVVVGAGGI	220	206
>KRAS-V14I-1 KLVVVGAGG'	121	>KRAS-V14I-1 KLVVVGAGGI	3214	3093
>KRAS-V14I-1 KLVVVGAGG'	6	>KRAS-V14I-1 KLVVVGAGGI	331	325
>KRAS-V45I-1 VIDGETCLL	144	>KRAS-V45I-1 IIDGETCLL	65	79
>KRAS-V45I-1 VIDGETCLL	476	>KRAS-V45I-1 IIDGETCLL	332	144
>KRAS-V45I-1 VIDGETCLL	84	>KRAS-V45I-1 IIDGETCLL	109	25
>KRAS-V45I-1 VIDGETCL	360	>KRAS-V45I-1 IIDGETCL	704	344
>KRAS-V45I-1 VIDGETCLL	137	>KRAS-V45I-1 IIDGETCLL	271	134
>KRAS-V45I-1 VIDGETCLL	265	>KRAS-V45I-1 IIDGETCLL	267	2
>KRAS-V45I-1 VIDGETCL	136	>KRAS-V45I-1 IIDGETCL	186	50

>KRAS-V45I-I VIDGETCLL	17	>KRAS-V45I-I IIDGETCLL	21	4
>KRAS-V45I-I VVIDGETCLL	148	>KRAS-V45I-I VIIDGETCLL	102	46
>KRAS-V45I-I VVIDGETCLL	518	>KRAS-V45I-I VIIDGETCLL	279	239
>KRAS-V45I-I VVIDGETCL	346	>KRAS-V45I-I VIIDGETCL	366	20
>KRAS-V45I-I VVIDGETCLL	639	>KRAS-V45I-I VIIDGETCLL	181	458
>KRAS-V45I-I VVIDGETCL	1479	>KRAS-V45I-I VIIDGETCL	490	989
>KRAS-V45I-I VVIDGETCLL	1037	>KRAS-V45I-I VIIDGETCLL	337	700
>KRAS-V45I-I VVIDGETC	1417	>KRAS-V45I-I VIIDGETC	464	953
>KRAS-V45I-I VVIDGETCL	72	>KRAS-V45I-I VIIDGETCL	23	49
>KRAS-V45I-I VVIDGETCLL	17	>KRAS-V45I-I VIIDGETCLL	8	9
>KRAS-V45I-I TIEDSYRKQV'	57	>KRAS-V45I-I TIEDSYRKQVI	4047	3990
>KRAS-V45I-I KQVVIDGETC	185	>KRAS-V45I-I KQVIIIDGETCI	209	24
>KRAS-V45I-I KQVVIDGETC	222	>KRAS-V45I-I KQVIIIDGETCI	341	119
>KRAS-V45I-I KQVVIDGETC	458	>KRAS-V45I-I KQVIIIDGETCI	413	45
>KRAS-V45I-I RKQVVIDG	644	>KRAS-V45I-I RKQVIIIDG	393	251
>KRAS-V45I-I SYRKQVVI	43	>KRAS-V45I-I SYRKQVII	187	144
>KRAS-V45I-I SYRKQVVI	407	>KRAS-V45I-I SYRKQVII	551	144
>KRAS-V45I-I SYRKQVVI	19	>KRAS-V45I-I SYRKQVII	38	19
>KRAS-V45I-I SYRKQVVI	13	>KRAS-V45I-I SYRKQVII	11	2
>KRAS-V45I-I SYRKQVVID	605	>KRAS-V45I-I SYRKQVIIID	327	278
>KRAS-V45I-I SYRKQVVIDG	267	>KRAS-V45I-I SYRKQVIIIDG	185	82
>KRAS-V45I-I DSYRKQVV	14346	>KRAS-V45I-I DSYRKQVI	403	13943
>KRAS-V45I-I DSYRKQVVI	362	>KRAS-V45I-I DSYRKQVII	538	176
>KRAS-V45I-I EDSYRKQVVI	510	>KRAS-V45I-I EDSYRKQVII	423	87
>KRAS-V45I-I IEDSYRKQVV	145	>KRAS-V45I-I IEDSYRKQVI	25	120
>KRAS-V45I-I IEDSYRKQVV	47	>KRAS-V45I-I IEDSYRKQVII	43	4
>KRAS-V45I-I IEDSYRKQVV	227	>KRAS-V45I-I IEDSYRKQVII	228	1
>KRAS-V45I-I IEDSYRKQVV	755	>KRAS-V45I-I IEDSYRKQVI	83	672
>KRAS-V45I-I IEDSYRKQVV	51	>KRAS-V45I-I IEDSYRKQVII	35	16
>KRAS-V7M-I VVVGAGGV	1957	>KRAS-V7M-I MVVGAGGV	215	1742
>KRAS-V7M-I VVVGAGGV	117	>KRAS-V7M-I MVVGAGGV	28	89
>KRAS-V7M-I VVVGAGGV	68	>KRAS-V7M-I MVVGAGGV	21	47
>KRAS-V7M-I VVVGAGGV	139	>KRAS-V7M-I MVVGAGGV	71	68
>KRAS-V7M-I VVVGAGGV	23	>KRAS-V7M-I MVVGAGGV	13	10
>KRAS-V7M-I VVVGAGGVG	76	>KRAS-V7M-I MVVGAGGVG	40	36
>KRAS-V7M-I VVVGAGGVG	101	>KRAS-V7M-I MVVGAGGVG	67	34
>KRAS-V7M-I VVVGAGGVG	2803	>KRAS-V7M-I MVVGAGGVG	225	2578
>KRAS-V7M-I VVVGAGGVG	203	>KRAS-V7M-I MVVGAGGVG	12	191
>KRAS-V7M-I VVVGAGGV	191	>KRAS-V7M-I MVVGAGGV	7	184
>KRAS-V7M-I VVVGAGGV	649	>KRAS-V7M-I MVVGAGGV	26	623
>KRAS-V7M-I LVVVGAGGV	3498	>KRAS-V7M-I LMVVGAGGV	294	3204
>KRAS-V7M-I LVVVGAGGV	180	>KRAS-V7M-I LMVVGAGGV	11	169
>KRAS-V7M-I LVVVGAGGV	55	>KRAS-V7M-I LMVVGAGGV	27	28

>KRAS-V7M-LVVVGAGGV	1068	>KRAS-V7M-LMVVGAGGV	7	1061
>KRAS-V7M-LVVVGAGGV	3578	>KRAS-V7M-LMVVGAGGV	23	3555
>KRAS-V7M-LVVVGAGGV	2712	>KRAS-V7M-LMVVGAGGV	27	2685
>KRAS-V7M-LVVVGAGGV	3213	>KRAS-V7M-LMVVGAGGV	48	3165
>KRAS-V7M-LVVVGAGGV	75	>KRAS-V7M-LMVVGAGGV	4	71
>KRAS-V7M-LVVVGAGGV	1183	>KRAS-V7M-LMVVGAGGV	299	884
>KRAS-V7M-LVVVGAGGV	284	>KRAS-V7M-LMVVGAGGV	1346	1062
>KRAS-V7M-LVVVGAGGV	154	>KRAS-V7M-LMVVGAGGV	3420	3266
>KRAS-V7M-LVVVGAGGV	159	>KRAS-V7M-LMVVGAGGV	831	672
>KRAS-V7M-KLVVVGAGG'	1541	>KRAS-V7M-KLMVVGAGC	90	1451
>KRAS-V7M-KLVVVGAGG'	392	>KRAS-V7M-KLMVVGAGC	52	340
>KRAS-V7M-KLVVVGAGG'	35	>KRAS-V7M-KLMVVGAGC	12	23
>KRAS-V7M-KLVVVGAGG'	661	>KRAS-V7M-KLMVVGAGC	192	469
>KRAS-V7M-KLVVVGAGG'	6	>KRAS-V7M-KLMVVGAGC	3	3
>KRAS-V7M-KLVVVGAGG'	17	>KRAS-V7M-KLMVVGAGC	5	12
>KRAS-V7M-KLVVVGAGG'	14	>KRAS-V7M-KLMVVGAGC	9	5
>KRAS-V7M-KLVVVGAGG'	121	>KRAS-V7M-KLMVVGAGC	5	116
>KRAS-V7M-KLVVVGAGG'	6	>KRAS-V7M-KLMVVGAGC	5	1
>KRAS-V7M-YKLVVVGAGC	423	>KRAS-V7M-YKLMVVGAG	356	67
>KRAS-V7M-YKLVVVGAGC	220	>KRAS-V7M-YKLMVVGAG	106	114
>KRAS-V7M-YKLVVVGAGC	662	>KRAS-V7M-YKLMVVGAG	478	184
>KRAS-V7M-YKLVVVGAG	423	>KRAS-V7M-YKLMVVGAG	322	101
>KRAS-V7M-TEYKLVVV	39	>KRAS-V7M-TEYKLMVV	36	3
>KRAS-V7M-TEYKLVVV	259	>KRAS-V7M-TEYKLMVV	238	21
>KRAS-V7M-TEYKLVVV	231	>KRAS-V7M-TEYKLMVV	206	25
>KRAS-V7M-TEYKLVVV	65	>KRAS-V7M-TEYKLMVV	51	14
>KRAS-V7M-TEYKLVVVG	303	>KRAS-V7M-TEYKLMVVG	282	21
>KRAS-V7M-TEYKLVVV	93	>KRAS-V7M-TEYKLMVV	98	5
>KRAS-V7M-TEYKLVVVG	68	>KRAS-V7M-TEYKLMVVG	76	8
>KRAS-V7M-TEYKLVVV	81	>KRAS-V7M-TEYKLMVV	132	51
>KRAS-V7M-TEYKLVVVG	1012	>KRAS-V7M-TEYKLMVVG	412	600
>KRAS-V7M-MTEYKLVV	144	>KRAS-V7M-MTEYKLMV	89	55
>KRAS-V7M-MTEYKLVVV	43	>KRAS-V7M-MTEYKLMVV	32	11
>KRAS-V7M-MTEYKLVVVC	78	>KRAS-V7M-MTEYKLMVV	99	21
>KRAS-V7M-MTEYKLVV	1994	>KRAS-V7M-MTEYKLMV	370	1624
>KRAS-V7M-MTEYKLVVV	923	>KRAS-V7M-MTEYKLMVV	279	644
>KTN1-E113†ERKKKKEKKQK	15899	>KTN1-E113†KRKKKKEKKQK	423	15476
>KTN1-E113†ERKKKKEKK	4137	>KTN1-E113†KRKKKKEKK	353	3784
>KTN1-E113†RERKKKKEK	186	>KTN1-E113†RKRKKKKEK	29	157
>KTN1-E113†RERKKKKEKK	1153	>KTN1-E113†RKRKKKKEKK	213	940
>KTN1-E113†RERKKKKEKKQ	432	>KTN1-E113†RKRKKKKEKKQ	63	369
>KTN1-E113†NVVETSSSVR	29144	>KTN1-E113†NVVETSSSVR	254	28890
>KTN1-E113†NVVETSSSVR	6879	>KTN1-E113†NVVETSSSVR	23	6856



>KTN1-E113†SVRERKKK	442	>KTN1-E113†SVRKRKKK	257	185
>KTN1-E113†SVRERKKK	5	>KTN1-E113†SVRKRKKK	4	1
>KTN1-E113†SVRERKKKEK	6	>KTN1-E113†SVRKRKKKEK	5	1
>KTN1-E113†SVRERKKKEK	17	>KTN1-E113†SVRKRKKKEK	11	6
>KTN1-E113†SSVRERKK	239	>KTN1-E113†SSVRKRKK	231	8
>KTN1-E113†SSVRERKKK	398	>KTN1-E113†SSVRKRKKK	367	31
>KTN1-E113†SSVRERKKKE	471	>KTN1-E113†SSVRKRKKKE	446	25
>KTN1-E113†SSVRERKK	915	>KTN1-E113†SSVRKRKK	319	596
>KTN1-E113†SSVRERKKK	608	>KTN1-E113†SSVRKRKKK	170	438
>KTN1-E113†SSVRERKKKE	740	>KTN1-E113†SSVRKRKKKE	331	409
>KTN1-E113†SSSVRERK	47	>KTN1-E113†SSSVRKRK	77	30
>KTN1-E113†SSSVRERKK	152	>KTN1-E113†SSSVRKRKK	166	14
>KTN1-E113†SSSVRERKKK	96	>KTN1-E113†SSSVRKRKKK	112	16
>KTN1-E113†SSSVRERK	1329	>KTN1-E113†SSSVRKRK	324	1005
>KTN1-E113†SSSVRERKK	1052	>KTN1-E113†SSSVRKRKK	442	610
>KTN1-E113†SSSVRERKKK	589	>KTN1-E113†SSSVRKRKKK	250	339
>KTN1-E113†SSSVRERKKK	920	>KTN1-E113†SSSVRKRKKK	314	606
>KTN1-E113†SSSVRERK	312	>KTN1-E113†SSSVRKRK	937	625
>KTN1-E113†SSSVRERK	360	>KTN1-E113†SSSVRKRK	314	46
>KTN1-E113†SSSVRERKK	494	>KTN1-E113†SSSVRKRKK	309	185
>KTN1-E113†TSSSVRERK	784	>KTN1-E113†TSSSVRKRK	451	333
>KTN1-E113†TSSSVRERK	31	>KTN1-E113†TSSSVRKRK	59	28
>KTN1-E113†TSSSVRERKK	106	>KTN1-E113†TSSSVRKRKK	91	15
>KTN1-E113†TSSSVRERKKI	76	>KTN1-E113†TSSSVRKRKKI	90	14
>KTN1-E113†TSSSVRER	107	>KTN1-E113†TSSSVRKR	131	24
>KTN1-E113†TSSSVRER	10	>KTN1-E113†TSSSVRKR	16	6
>KTN1-E113†TSSSVRERK	8	>KTN1-E113†TSSSVRKRK	31	23
>KTN1-E113†TSSSVRERKK	113	>KTN1-E113†TSSSVRKRKK	126	13
>KTN1-E113†TSSSVRERKKI	46	>KTN1-E113†TSSSVRKRKKI	80	34
>KTN1-E113†ETSSSVRE	26146	>KTN1-E113†ETSSSVRK	143	26003
>KTN1-E113†ETSSSVRERK	95	>KTN1-E113†ETSSSVRKRK	205	110
>KTN1-E113†ETSSSVRER	270	>KTN1-E113†ETSSSVRKR	495	225
>KTN1-E113†ETSSSVRE	740	>KTN1-E113†ETSSSVRK	4	736
>KTN1-E113†ETSSSVRER	3	>KTN1-E113†ETSSSVRKR	4	1
>KTN1-E113†ETSSSVRERK	12	>KTN1-E113†ETSSSVRKRK	45	33
>KTN1-E113†ETSSSVRERKI	9	>KTN1-E113†ETSSSVRKRKI	11	2
>KTN1-E113†ETSSSVRE	13129	>KTN1-E113†ETSSSVRK	310	12819
>KTN1-E113†ETSSSVRER	458	>KTN1-E113†ETSSSVRKR	731	273
>KTN1-E113†VVETSSSVRE	34166	>KTN1-E113†VVETSSSVRK	125	34041
>KTN1-E113†VVETSSSVRE	450	>KTN1-E113†VVETSSSVRK	601	151
>KTN1-K908†KAHVQEVA	229	>KTN1-K908†RAHVQEVA	203	26
>KTN1-K908†KAHVQEVAQ	833	>KTN1-K908†RAHVQEVAQ	349	484
>KTN1-K908†LKAHVQEV	61	>KTN1-K908†LRAHVQEV	312	251

>KTN1-K908F SLKAHVQEV	55	>KTN1-K908F SLRAHVQEV	91	36
>KTN1-K908F SLKAHVQEV	9	>KTN1-K908F SLRAHVQEV	17	8
>KTN1-K908F SLKAHVQEV	2	>KTN1-K908F SLRAHVQEV	3	1
>KTN1-K908F SLKAHVQEV	320	>KTN1-K908F SLRAHVQEV	460	140
>KTN1-K908F SLKAHVQEV	4	>KTN1-K908F SLRAHVQEV	3	1
>KTN1-K908F SLKAHVQEV/	589	>KTN1-K908F SLRAHVQEV/	261	328
>KTN1-K908F SLKAHVQEV	24	>KTN1-K908F SLRAHVQEV	29	5
>KTN1-K908F SLKAHVQEV	20	>KTN1-K908F SLRAHVQEV	12	8
>KTN1-K908F SLKAHVQEV	472	>KTN1-K908F SLRAHVQEV	452	20
>KTN1-K908F SLKAHVQEV	2	>KTN1-K908F SLRAHVQEV	2	0
>KTN1-K908F SLKAHVQEV/	81	>KTN1-K908F SLRAHVQEV/	57	24
>KTN1-K908F SLKAHVQEV	555	>KTN1-K908F SLRAHVQEV	71	484
>KTN1-K908F SLKAHVQEV/	1579	>KTN1-K908F SLRAHVQEV/	310	1269
>KTN1-K908F SLKAHVQEV	51	>KTN1-K908F SLRAHVQEV	62	11
>KTN1-K908F ESLKAHVQEV	232	>KTN1-K908F ESLRAHVQEV	144	88
>KTN1-K908F ESLKAHVQEV	13	>KTN1-K908F ESLRAHVQEV	14	1
>KTN1-K908F NESLKAHV	171	>KTN1-K908F NESLRAHV	308	137
>KTN1-K908F NESLKAHVQEV	40	>KTN1-K908F NESLRAHVQEV	29	11
>KTN1-K908F NESLKAHVQ	351	>KTN1-K908F NESLRAHVQ	262	89
>KTN1-K908F NESLKAHVQEV	398	>KTN1-K908F NESLRAHVQEV	326	72
>KTN1-K908F NESLKAHVQEV	147	>KTN1-K908F NESLRAHVQEV	152	5
>KTN1-K908F NESLKAHVQEV	308	>KTN1-K908F NESLRAHVQEV	158	150
>KTN1-K908F EENESLKAHV	63	>KTN1-K908F EENESLRAHV	90	27
>KTN1-K908F EENESLKA	22	>KTN1-K908F EENESLRA	20	2
>KTN1-K908F EENESLKAHV	385	>KTN1-K908F EENESLRAHV	317	68
>KTN1-K908F QEENESLKAHV	408	>KTN1-K908F QEENESLRAHV	503	95
>KTN1-K908F QEENESLKA	200	>KTN1-K908F QEENESLRA	173	27
>KTN1-K908F QEENESLKAHV	416	>KTN1-K908F QEENESLRAHV	191	225
>KTN1-P226F PLIHATTYI	992	>KTN1-P226F RLIHATTYI	16	976
>KTN1-P226F PLIHATTYIPL	1213	>KTN1-P226F RLIHATTYIPL	19	1194
>KTN1-P226F PLIHATTYI	46	>KTN1-P226F RLIHATTYI	5	41
>KTN1-P226F PLIHATTYIPL	126	>KTN1-P226F RLIHATTYIPL	9	117
>KTN1-P226F PLIHATTYI	54	>KTN1-P226F RLIHATTYI	3	51
>KTN1-P226F PLIHATTYIPL	359	>KTN1-P226F RLIHATTYIPL	7	352
>KTN1-P226F PLIHATTYI	1054	>KTN1-P226F RLIHATTYI	15	1039
>KTN1-P226F PLIHATTYIPL	1219	>KTN1-P226F RLIHATTYIPL	20	1199
>KTN1-P226F PLIHATTYI	223	>KTN1-P226F RLIHATTYI	10	213
>KTN1-P226F PLIHATTYIPL	474	>KTN1-P226F RLIHATTYIPL	18	456
>KTN1-P226F PLIHATTYI	480	>KTN1-P226F RLIHATTYI	7	473
>KTN1-P226F PLIHATTYIPL	521	>KTN1-P226F RLIHATTYIPL	9	512
>KTN1-P226F PLIHATTYI	438	>KTN1-P226F RLIHATTYI	42	396
>KTN1-P226F PLIHATTYIPL	660	>KTN1-P226F RLIHATTYIPL	48	612
>KTN1-P226F PLIHATTYI	741	>KTN1-P226F RLIHATTYI	213	528

>KTN1-P226F PLIHATTYI	195	>KTN1-P226F RLIHATTYI	25	170
>KTN1-P226F PLIHATTYIPL	132	>KTN1-P226F RLIHATTYIPL	16	116
>KTN1-P226F PLIHATTY	10416	>KTN1-P226F RLIHATTY	149	10267
>KTN1-P226F PLIHATTY	94	>KTN1-P226F RLIHATTY	74	20
>KTN1-P226F PLIHATTYI	12513	>KTN1-P226F RLIHATTYI	317	12196
>KTN1-P226F PLIHATTYIPL	10031	>KTN1-P226F RLIHATTYIPL	165	9866
>KTN1-P226F PLIHATTY	1214	>KTN1-P226F RLIHATTY	160	1054
>KTN1-P226F PLIHATTY	4183	>KTN1-P226F RLIHATTY	31	4152
>KTN1-P226F PLIHATTYI	5008	>KTN1-P226F RLIHATTYI	65	4943
>KTN1-P226F PLIHATTYIPL	4333	>KTN1-P226F RLIHATTYIPL	63	4270
>KTN1-P226F PLIHATTY	2189	>KTN1-P226F RLIHATTY	33	2156
>KTN1-P226F PLIHATTY	624	>KTN1-P226F RLIHATTY	40	584
>KTN1-P226F PLIHATTYI	10641	>KTN1-P226F RLIHATTYI	332	10309
>KTN1-P226F PLIHATTYIPL	5265	>KTN1-P226F RLIHATTYIPL	107	5158
>KTN1-P226F PLIHATTY	771	>KTN1-P226F RLIHATTY	348	423
>KTN1-P226F PLIHATTY	571	>KTN1-P226F RLIHATTY	22	549
>KTN1-P226F PLIHATTYI	5104	>KTN1-P226F RLIHATTYI	124	4980
>KTN1-P226F PLIHATTYIPL	1271	>KTN1-P226F RLIHATTYIPL	47	1224
>KTN1-P226F PLIHATTY	8482	>KTN1-P226F RLIHATTY	12	8470
>KTN1-P226F PLIHATTYIPL	22150	>KTN1-P226F RLIHATTYIPL	463	21687
>KTN1-P226F PLIHATTYI	18523	>KTN1-P226F RLIHATTYI	406	18117
>KTN1-P226F PLIHATTY	2384	>KTN1-P226F RLIHATTY	212	2172
>KTN1-P226F PLIHATTYI	13089	>KTN1-P226F RLIHATTYI	448	12641
>KTN1-P226F EPLIHATTYI	1066	>KTN1-P226F ERLIHATTYI	378	688
>KTN1-P226F EPLIHATTYI	55	>KTN1-P226F ERLIHATTYI	5524	5469
>KTN1-P226F EPLIHATTY	3782	>KTN1-P226F ERLIHATTY	294	3488
>KTN1-P226F EPLIHATTYI	30861	>KTN1-P226F ERLIHATTYI	300	30561
>KTN1-P226F EPLIHATT	460	>KTN1-P226F ERLIHATT	23037	22577
>KTN1-P226F EPLIHATTY	9	>KTN1-P226F ERLIHATTY	2448	2439
>KTN1-P226F EPLIHATTY	82	>KTN1-P226F ERLIHATTY	23735	23653
>KTN1-P226F EPLIHATTY	171	>KTN1-P226F ERLIHATTY	15395	15224
>KTN1-P226F EPLIHATTY	128	>KTN1-P226F ERLIHATTY	19433	19305
>KTN1-P226F DEPLIHAT	1881	>KTN1-P226F DERLIHAT	219	1662
>KTN1-P226F DEPLIHATTYI	11	>KTN1-P226F DERLIHATTYI	20	9
>KTN1-P226F DEPLIHAT	273	>KTN1-P226F DERLIHAT	28	245
>KTN1-P226F DEPLIHATT	423	>KTN1-P226F DERLIHATT	33	390
>KTN1-P226F DEPLIHATTY	101	>KTN1-P226F DERLIHATTY	80	21
>KTN1-P226F DEPLIHATTYI	770	>KTN1-P226F DERLIHATTYI	67	703
>KTN1-P226F DEPLIHATTY	294	>KTN1-P226F DERLIHATTY	290	4
>KTN1-P226F DEPLIHATTYI	723	>KTN1-P226F DERLIHATTYI	250	473
>KTN1-P226F FVDEPLIHA	48	>KTN1-P226F FVDERLIHA	37	11
>KTN1-P226F FVDEPLIHA	966	>KTN1-P226F FVDERLIHA	428	538
>KTN1-P226F FVDEPLIHA	554	>KTN1-P226F FVDERLIHA	195	359

>KTN1-P226FVDEPLIHA	6	>KTN1-P226FVDERLIHA	6	0
>KTN1-P226FVDEPLIHAT	104	>KTN1-P226FVDERLIHAT	203	99
>KTN1-P226FVDEPLIHAT	54	>KTN1-P226FVDERLIHAT	46	8
>KTN1-P226FVDEPLIHA	13	>KTN1-P226FVDERLIHA	44	31
>KTN1-P226FVDEPLIHAT	27	>KTN1-P226FVDERLIHAT	77	50
>KTN1-P226FVDEPLIHAT	73	>KTN1-P226FVDERLIHAT	195	122
>KTN1-P226FVDEPLIHA	117	>KTN1-P226FVDERLIHA	120	3
>KTN1-P226FVDEPLIHA	41	>KTN1-P226FVDERLIHA	59	18
>KTN1-P226FVDEPLIHA	125	>KTN1-P226FVDERLIHA	103	22
>KTN1-P226FVDEPLIHAT	324	>KTN1-P226FVDERLIHAT	397	73
>KTN1-P226FVDEPLIHA	17	>KTN1-P226FVDERLIHA	295	278
>KTN1-P226FVDEPLIHAT	59	>KTN1-P226FVDERLIHAT	474	415
>KTN1-P226FVDEPLIHAT	175	>KTN1-P226FVDERLIHAT	1330	1155
>KTN1-P226FVDEPLI	123	>KTN1-P226FVDERLI	414	291
>KTN1-P226FNVFVDEPL	484	>KTN1-P226FNVFVDERL	1182	698
>KTN1-P226FNVFVDEPL	484	>KTN1-P226FNVFVDERL	3879	3395
>KTN1-P226FNVFVDEPLI	359	>KTN1-P226FNVFVDERLI	636	277
>KTN1-P226FNVFVDEPL	52	>KTN1-P226FNVFVDERL	120	68
>KTN1-P226FNVFVDEPLI	255	>KTN1-P226FNVFVDERLI	439	184
>KTN1-P226FENVFVDEP	22188	>KTN1-P226FENVFVDER	12	22176
>KTN1-P226FENVFVDEPL	21	>KTN1-P226FENVFVDERL	79	58
>KTN1-P226FTENFVDEPL	201	>KTN1-P226FTENFVDERL	669	468
>KTN1-P226FTENFVDEPL	13	>KTN1-P226FTENFVDERL	10	3
>KTN1-P226FTENFVDEP	40800	>KTN1-P226FTENFVDER	351	40449
>KTN1-P226FTENFVDEPL	141	>KTN1-P226FTENFVDERL	578	437
>KTN1-P226FTENFVDEPL	127	>KTN1-P226FTENFVDERL	536	409
>KTN1-P226FTENFVDEPL	216	>KTN1-P226FTENFVDERL	394	178
>KTN1-P226FTENFVDEPL	385	>KTN1-P226FTENFVDERL	439	54
>KTN1-P226FTENFVDEPL	18	>KTN1-P226FTENFVDERL	58	40
>KTN1-P226FTENFVDEP	33628	>KTN1-P226FTENFVDER	208	33420
>KTN1-P226FTENFVDEP	19	>KTN1-P226FTENFVDER	74	55
>KTN1-P226FTENFVDEP	345	>KTN1-P226FTENFVDER	348	3
>KTN1-P226FTENFVDEP	425	>KTN1-P226FTENFVDER	77	348
>KTN1-P226FTENFVDEP	17772	>KTN1-P226FTENFVDER	441	17331
>KTN1-P226FTENFVDEP	35066	>KTN1-P226FTENFVDER	489	34577
>KTN1-T131€TESSEKETMS	271	>KTN1-T131€PESSEKETMS	3394	3123
>KTN1-T131€TESSEKETM	382	>KTN1-T131€PESSEKETM	3557	3175
>KTN1-T131€TESSEKETMS	131	>KTN1-T131€PESSEKETMS	1034	903
>KTN1-T131€ETESSEKETM	349	>KTN1-T131€EPESSEKETM	17416	17067
>KTN1-T131€ETESSEKETM	475	>KTN1-T131€EPESSEKETM	23990	23515
>KTN1-T131€VSPETESSEK	116	>KTN1-T131€VSPEPESSEK	130	14
>KTN1-T131€VSPETESSEK	491	>KTN1-T131€VSPEPESSEK	365	126
>KTN1-T131€DVSPETESSEI	36	>KTN1-T131€DVSPEPESSEI	72	36

>LCK-P331S-1PSGIKLTINK	3024	>LCK-P331S-1SSGIKLTINK	205	2819
>LCK-P331S-1PSGIKLTINK	1049	>LCK-P331S-1SSGIKLTINK	34	1015
>LCK-P331S-1PSGIKLTINKL	10094	>LCK-P331S-1SSGIKLTINKL	470	9624
>LCK-P331S-1PSGIKLTINK	3825	>LCK-P331S-1SSGIKLTINK	215	3610
>LCK-P331S-1PSGIKLT	1293	>LCK-P331S-1SSGIKLT	51	1242
>LCK-P331S-1TPSGIKLTINK	8851	>LCK-P331S-1TSSGIKLTINK	129	8722
>LCK-P331S-1TPSGIKLTINK	4064	>LCK-P331S-1TSSGIKLTINK	13	4051
>LCK-P331S-1TPSGIKLTINK	16476	>LCK-P331S-1TSSGIKLTINK	477	15999
>LCK-P331S-1TPSGIKLT	10839	>LCK-P331S-1TSSGIKLT	134	10705
>LCK-P331S-1TPSGIKLTINK	1006	>LCK-P331S-1TSSGIKLTINK	40	966
>LCK-P331S-1TPSGIKLT	8958	>LCK-P331S-1TSSGIKLT	309	8649
>LCK-P331S-1TPSGIKLT	44	>LCK-P331S-1TSSGIKLT	5558	5514
>LCK-P331S-1TPSGIKLT	6774	>LCK-P331S-1TSSGIKLT	328	6446
>LCK-P331S-1TPSGIKLTINK	5589	>LCK-P331S-1TSSGIKLTINK	457	5132
>LCK-P331S-1TPSGIKLT	5621	>LCK-P331S-1TSSGIKLT	125	5496
>LCK-P331S-1KTPSGIKLT	696	>LCK-P331S-1KTSSGIKLT	176	520
>LCK-P331S-1KTPSGIKLT	1022	>LCK-P331S-1KTSSGIKLT	324	698
>LCK-P331S-1KTPSGIKLT	1566	>LCK-P331S-1KTSSGIKLT	156	1410
>LCK-P331S-1KTPSGIKL	402	>LCK-P331S-1KTSSGIKL	425	23
>LCK-P331S-1KTPSGIKLT	23	>LCK-P331S-1KTSSGIKLT	21	2
>LCK-P331S-1KTPSGIKL	71	>LCK-P331S-1KTSSGIKL	6	65
>LCK-P331S-1KTPSGIKLT	263	>LCK-P331S-1KTSSGIKLT	15	248
>LCK-P331S-1KTPSGIKLT	6426	>LCK-P331S-1KTSSGIKLT	67	6359
>LCK-P331S-1KTPSGIKL	5	>LCK-P331S-1KTSSGIKL	844	839
>LCK-P331S-1KTPSGIKLT	21	>LCK-P331S-1KTSSGIKLT	6063	6042
>LCK-P331S-1KTPSGIKLT	6	>LCK-P331S-1KTSSGIKLT	759	753
>LCK-P331S-1KTPSGIKLTIN	175	>LCK-P331S-1KTSSGIKLTIN	14593	14418
>LCK-P331S-1KTPSGIKLT	729	>LCK-P331S-1KTSSGIKLT	126	603
>LCK-P331S-1KTPSGIKL	336	>LCK-P331S-1KTSSGIKL	238	98
>LCK-P331S-1KTPSGIKLT	130	>LCK-P331S-1KTSSGIKLT	106	24
>LCK-P331S-1LKTSSGIKL	38	>LCK-P331S-1LKTSSGIKL	16	22
>LCK-P331S-1LKTSSGIKLT	123	>LCK-P331S-1LKTSSGIKLT	60	63
>LCK-P331S-1FLKTSSGI	658	>LCK-P331S-1FLKTSSGI	462	196
>LCK-P331S-1FLKTSSGI	50	>LCK-P331S-1FLKTSSGI	14	36
>LCK-P331S-1FLKTSSGIKL	34	>LCK-P331S-1FLKTSSGIKL	23	11
>LCK-P331S-1FLKTSSGI	4	>LCK-P331S-1FLKTSSGI	3	1
>LCK-P331S-1FLKTSSGIKL	88	>LCK-P331S-1FLKTSSGIKL	78	10
>LCK-P331S-1FLKTSSGIKLT	49	>LCK-P331S-1FLKTSSGIKLT	19	30
>LCK-P331S-1FLKTSSGI	1057	>LCK-P331S-1FLKTSSGI	368	689
>LCK-P331S-1FLKTSSGI	32	>LCK-P331S-1FLKTSSGI	84	52
>LCK-P331S-1FLKTSSGIKL	157	>LCK-P331S-1FLKTSSGIKL	300	143
>LCK-P331S-1FLKTSSGI	47	>LCK-P331S-1FLKTSSGI	26	21
>LCK-P331S-1FLKTSSGIKL	227	>LCK-P331S-1FLKTSSGIKL	155	72

>LCK-P331S-1 FLKTPSGI	12	>LCK-P331S-I FLKTSSGI	9	3
>LCK-P331S-1 FLKTPSGIKL	9	>LCK-P331S-I FLKTSSGIKL	8	1
>LCK-P331S-1 FLKTPSGIKLT	252	>LCK-P331S-I FLKTSSGIKLT	191	61
>LCK-P331S-1 FLKTPSGIK	205	>LCK-P331S-I FLKTSSGIK	166	39
>LCK-P331S-1 FLKTPSGIK	1639	>LCK-P331S-I FLKTSSGIK	427	1212
>LCK-P331S-1 FLKTPSGI	1656	>LCK-P331S-I FLKTSSGI	387	1269
>LCK-P331S-1 FLKTPSGI	495	>LCK-P331S-I FLKTSSGI	388	107
>LCK-P331S-1 FLKTPSGIKL	292	>LCK-P331S-I FLKTSSGIKL	370	78
>LCK-P331S-1 FLKTPSGI	836	>LCK-P331S-I FLKTSSGI	417	419
>LCK-P331S-1 FLKTPSGIKL	527	>LCK-P331S-I FLKTSSGIKL	238	289
>LCK-P331S-1 DFLKTPSGI	778	>LCK-P331S-I DFLKTSSGI	401	377
>LCK-P331S-1 VDFLKTPSGI	259	>LCK-P331S-I VDFLKTSSGI	107	152
>LCK-P331S-1 VDFLKTPSGI	287	>LCK-P331S-I VDFLKTSSGI	572	285
>LCK-P331S-1 VDFLKTPSGI	118	>LCK-P331S-I VDFLKTSSGI	85	33
>LCK-P331S-1 SLVDFLKTSPC	843	>LCK-P331S-I SLVDFLKTSSC	474	369
>LCK-P331S-1 SLVDFLKTTP	3866	>LCK-P331S-I SLVDFLKTTS	487	3379
>LCK-P331S-1 SLVDFLKTTP	1367	>LCK-P331S-I SLVDFLKTTS	240	1127
>LCK-P331S-1 SLVDFLKTTP	2324	>LCK-P331S-I SLVDFLKTTS	231	2093
>LCK-P331S-1 SLVDFLKTTPS	494	>LCK-P331S-I SLVDFLKTSS	255	239
>LHFP-H55N·HDESRQMM'	59	>LHFP-H55N·NDESRQMM'	123	64
>LHFP-H55N·HDESRQMM'	85	>LHFP-H55N·NDESRQMM'	193	108
>LHFP-H55N·VHDESRQMM	126	>LHFP-H55N·VNDESRQMM	7302	7176
>LHFP-H55N·GTFRRCSYPV	19	>LHFP-H55N·GTFRRCSYPV	228	209
>LHFP-H55N·GTFRRCSYPV	443	>LHFP-H55N·GTFRRCSYPV	1965	1522
>LHFP-H55N·PVDHESRQM	189	>LHFP-H55N·PVNDESRQM	221	32
>LHFP-H55N·YPVDHESRQI'	1503	>LHFP-H55N·YPVNDESRQI'	416	1087
>LHFP-H55N·YPVDHESR	702	>LHFP-H55N·YPVNDESR	457	245
>LHFP-H55N·YPVDHESRQI'	37	>LHFP-H55N·YPVNDESRQI'	56	19
>LHFP-H55N·YPVDHESR	325	>LHFP-H55N·YPVNDESR	475	150
>LHFP-H55N·YPVDHESRQ	186	>LHFP-H55N·YPVNDESRQ	273	87
>LHFP-H55N·YPVDHESRQI'	36	>LHFP-H55N·YPVNDESRQI'	40	4
>LHFP-H55N·YPVDHESRQI'	13	>LHFP-H55N·YPVNDESRQI'	13	0
>LHFP-H55N·YPVDHESRQI'	94	>LHFP-H55N·YPVNDESRQI'	89	5
>LHFP-H55N·YPVDHESRQI'	146	>LHFP-H55N·YPVNDESRQI'	142	4
>LHFP-H55N·YPVDHESRQI'	339	>LHFP-H55N·YPVNDESRQI'	184	155
>LHFP-H55N·YPVDHESRQI'	482	>LHFP-H55N·YPVNDESRQI'	1221	739
>LHFP-H55N·SYPVHDESRC	72	>LHFP-H55N·SYPVNDESRC	46	26
>LHFP-H55N·SYPVHDESR	163	>LHFP-H55N·SYPVNDESR	186	23
>LHFP-H55N·CSYPVHDESR	371	>LHFP-H55N·CSYPVNDESR	371	0
>LHFP-H55N·CSYPVHDESR	26	>LHFP-H55N·CSYPVNDESR	16	10
>LHFP-H55N·RCSYPVHDES	350	>LHFP-H55N·RCSYPVNDES	619	269
>LHFP-H55N·RCSYPVH	351	>LHFP-H55N·RCSYPVN	3587	3236
>LHFP-H55N·RCSYPVHDE	342	>LHFP-H55N·RCSYPVNDE	748	406

>LHFP-H55N· RRCSYPVH	178	>LHFP-H55N· RRCSYPVN	366	188
>LHFP-H55N· RRCSYPVHDE	486	>LHFP-H55N· RRCSYPVNDE	522	36
>LHFP-H55N· FRRCSYPVH	27	>LHFP-H55N· FRRCSYPVN	412	385
>LIFR-F1068L GSPCSINSRQ	104	>LIFR-F1068L GSPCSINSRQ	1027	923
>LIFR-F1068L GSPCSINSRQ	36	>LIFR-F1068L GSPCSINSRQ	17	19
>LIFR-F1068L RQFLIPPK	63	>LIFR-F1068L RQLLIPPK	230	167
>LIFR-F1068L RQFLIPPK	15	>LIFR-F1068L RQLLIPPK	29	14
>LIFR-F1068L RQFLIPPK	12	>LIFR-F1068L RQLLIPPK	17	5
>LIFR-F1068L RQFLIPPK	34	>LIFR-F1068L RQLLIPPK	72	38
>LIFR-F1068L RQFLIPPK	61	>LIFR-F1068L RQLLIPPK	326	265
>LIFR-F1068L RQFLIPPK	26	>LIFR-F1068L RQLLIPPK	53	27
>LIFR-F1068L RQFLIPPK	187	>LIFR-F1068L RQLLIPPK	328	141
>LIFR-F1068L RQFLIPPK	150	>LIFR-F1068L RQLLIPPK	303	153
>LIFR-F1068L SRQFLIPPK	71	>LIFR-F1068L SRQLLIPPK	47	24
>LIFR-F1068L SRQFLIPPKD	651	>LIFR-F1068L SRQLLIPPKD	343	308
>LIFR-F1068L SRQFLIPPK	344	>LIFR-F1068L SRQLLIPPK	508	164
>LIFR-F1068L SRQFLIPPK	18	>LIFR-F1068L SRQLLIPPK	26	8
>LIFR-F1068L NSRQFLIPPK	192	>LIFR-F1068L NSRQLLIPPK	428	236
>LIFR-F1068L NSRQFLIPPK	7	>LIFR-F1068L NSRQLLIPPK	10	3
>LIFR-F1068L INSRQFLIPPK	423	>LIFR-F1068L INSRQLLIPPK	538	115
>LIFR-F1068L SINSRQFLI	177	>LIFR-F1068L SINSRQLLI	1717	1540
>LIFR-F1068L SINSRQFL	60	>LIFR-F1068L SINSRQLL	222	162
>LIFR-F1068L SINSRQFLI	83	>LIFR-F1068L SINSRQLLI	896	813
>LIFR-F1068L SINSRQFL	350	>LIFR-F1068L SINSRQLL	481	131
>LIFR-F1068L SINSRQFLI	183	>LIFR-F1068L SINSRQLLI	212	29
>LIFR-F1068L SINSRQFLI	338	>LIFR-F1068L SINSRQLLI	1516	1178
>LIFR-F1068L SINSRQFL	447	>LIFR-F1068L SINSRQLL	3071	2624
>LIFR-F1068L SINSRQFLI	340	>LIFR-F1068L SINSRQLLI	2829	2489
>LIFR-F1068L SINSRQFL	93	>LIFR-F1068L SINSRQLL	150	57
>LIFR-F1068L SINSRQFLI	269	>LIFR-F1068L SINSRQLLI	905	636
>LIFR-F1068L SINSRQFLI	456	>LIFR-F1068L SINSRQLLI	5444	4988
>LIFR-F1068L CSINSRQFL	1109	>LIFR-F1068L CSINSRQLL	234	875
>LIFR-F1068L CSINSRQFLI	488	>LIFR-F1068L CSINSRQLLI	1742	1254
>LIFR-F1068L CSINSRQF	47	>LIFR-F1068L CSINSRQL	1256	1209
>LIFR-F1068L CSINSRQFL	310	>LIFR-F1068L CSINSRQLL	450	140
>LIFR-F1068L CSINSRQF	8	>LIFR-F1068L CSINSRQL	69	61
>LIFR-F1068L CSINSRQFL	198	>LIFR-F1068L CSINSRQLL	355	157
>LIFR-F1068L CSINSRQF	307	>LIFR-F1068L CSINSRQL	5702	5395
>LIFR-F1068L CSINSRQFLI	188	>LIFR-F1068L CSINSRQLLI	258	70
>LIFR-F1068L CSINSRQF	3828	>LIFR-F1068L CSINSRQL	133	3695
>LIFR-F1068L CSINSRQFL	109	>LIFR-F1068L CSINSRQLL	159	50
>LIFR-F1068L CSINSRQFLI	685	>LIFR-F1068L CSINSRQLLI	161	524
>LIFR-F1068L SPCSINSRQF	68	>LIFR-F1068L SPCSINSRQL	89	21

>LIFR-F1068L SPCSINSRQFI	8	>LIFR-F1068L SPCSINSRQLI	40	32
>LIFR-F1068L SPCSINSRQF	420	>LIFR-F1068L SPCSINSRQL	231	189
>LIFR-F1068L SPCSINSRQF	437	>LIFR-F1068L SPCSINSRQL	4121	3684
>LIFR-I135N- IPDTPEILNL	69	>LIFR-I135N- NPDTPEILNL	1008	939
>LIFR-I135N- IPDTPEIL	1840	>LIFR-I135N- NPDTPEIL	152	1688
>LIFR-I135N- IPDTPEIL	317	>LIFR-I135N- NPDTPEIL	653	336
>LIFR-I135N- IPDTPEILNLS	396	>LIFR-I135N- NPDTPEILNLS	2416	2020
>LIFR-I135N- LIPDTPEILNL	304	>LIFR-I135N- LNPDTPEILNI	8543	8239
>LIFR-I135N- LIPDTPEI	273	>LIFR-I135N- LNPDTPEI	19164	18891
>LIFR-I135N- LIPDTPEILNL	366	>LIFR-I135N- LNPDTPEILNI	19317	18951
>LIFR-I135N- LIPDTPEI	137	>LIFR-I135N- LNPDTPEI	13731	13594
>LIFR-I135N- LIPDTPEI	62	>LIFR-I135N- LNPDTPEI	10835	10773
>LIFR-I135N- LIPDTPEIL	321	>LIFR-I135N- LNPDTPEIL	17301	16980
>LIFR-I135N- LIPDTPEILNL	163	>LIFR-I135N- LNPDTPEILNI	15251	15088
>LIFR-I135N- LIPDTPEI	35	>LIFR-I135N- LNPDTPEI	20851	20816
>LIFR-I135N- LIPDTPEIL	85	>LIFR-I135N- LNPDTPEIL	22494	22409
>LIFR-I135N- LIPDTPEILNL	21	>LIFR-I135N- LNPDTPEILNI	17704	17683
>LIFR-I135N- LIPDTPEIL	180	>LIFR-I135N- LNPDTPEIL	595	415
>LIFR-I135N- LIPDTPEILNL	95	>LIFR-I135N- LNPDTPEILNI	250	155
>LIFR-I135N- FTLNEQNVSL	316	>LIFR-I135N- FTLNEQNVSL	21582	21266
>LIFR-I135N- FTLNEQNVSL	223	>LIFR-I135N- FTLNEQNVSL	16009	15786
>LIFR-I135N- FTLNEQNVSL	248	>LIFR-I135N- FTLNEQNVSL	17985	17737
>LIFR-I135N- FTLNEQNVSL	53	>LIFR-I135N- FTLNEQNVSL	14558	14505
>LIFR-I135N- FTLNEQNVSL	68	>LIFR-I135N- FTLNEQNVSL	10489	10421
>LIFR-I135N- FTLNEQNVSL	225	>LIFR-I135N- FTLNEQNVSL	19390	19165
>LIFR-I135N- FTLNEQNVSL	301	>LIFR-I135N- FTLNEQNVSL	17867	17566
>LIFR-I135N- FTLNEQNVSL	103	>LIFR-I135N- FTLNEQNVSL	15308	15205
>LIFR-I135N- FTLNEQNVSL	316	>LIFR-I135N- FTLNEQNVSL	10896	10580
>LIFR-I135N- FTLNEQNVSL	36	>LIFR-I135N- FTLNEQNVSL	424	388
>LIFR-I135N- FTLNEQNVSL	22	>LIFR-I135N- FTLNEQNVSL	28595	28573
>LIFR-I135N- SLIPDTPEI	12	>LIFR-I135N- SLNPDTPEI	24	12
>LIFR-I135N- SLIPDTPEIL	109	>LIFR-I135N- SLNPDTPEIL	832	723
>LIFR-I135N- SLIPDTPEI	20	>LIFR-I135N- SLNPDTPEI	32	12
>LIFR-I135N- SLIPDTPEIL	24	>LIFR-I135N- SLNPDTPEIL	54	30
>LIFR-I135N- SLIPDTPEI	12	>LIFR-I135N- SLNPDTPEI	14	2
>LIFR-I135N- SLIPDTPEIL	54	>LIFR-I135N- SLNPDTPEIL	146	92
>LIFR-I135N- SLIPDTPEI	22	>LIFR-I135N- SLNPDTPEI	139	117
>LIFR-I135N- SLIPDTPEIL	226	>LIFR-I135N- SLNPDTPEIL	2062	1836
>LIFR-I135N- SLIPDTPEI	7	>LIFR-I135N- SLNPDTPEI	6	1
>LIFR-I135N- SLIPDTPEIL	20	>LIFR-I135N- SLNPDTPEIL	19	1
>LIFR-I135N- SLIPDTPEI	7	>LIFR-I135N- SLNPDTPEI	15	8
>LIFR-I135N- SLIPDTPEIL	11	>LIFR-I135N- SLNPDTPEIL	29	18
>LIFR-I135N- SLIPDTPEI	6	>LIFR-I135N- SLNPDTPEI	6	0



>LIFR-I135N- SLIPDTPEIL	19	>LIFR-I135N- SLNPDTPEIL	17	2
>LIFR-I135N- SLIPDTPEI	58	>LIFR-I135N- SLNPDTPEI	19	39
>LIFR-I135N- SLIPDTPEIL	234	>LIFR-I135N- SLNPDTPEIL	61	173
>LIFR-I135N- SLIPDTPEI	5	>LIFR-I135N- SLNPDTPEI	4	1
>LIFR-I135N- SLIPDTPEIL	8	>LIFR-I135N- SLNPDTPEIL	8	0
>LIFR-I135N- SLIPDTPEI	222	>LIFR-I135N- SLNPDTPEI	405	183
>LIFR-I135N- VSLIPDTPEI	24	>LIFR-I135N- VSLNPDTPEI	63	39
>LIFR-I135N- VSLIPDTPEIL	25	>LIFR-I135N- VSLNPDTPEIL	63	38
>LIFR-I135N- VSLIPDTPEIL	395	>LIFR-I135N- VSLNPDTPEIL	123	272
>LIFR-I135N- NVSLIPDTPEI	60	>LIFR-I135N- NVSLNPDTPE	268	208
>LIFR-I135N- NVSLIPDTPEI	383	>LIFR-I135N- NVSLNPDTPE	499	116
>LIFR-I135N- NEQNVSLI	20	>LIFR-I135N- NEQNVSLN	3456	3436
>LIFR-I135N- NEQNVSLIPD	264	>LIFR-I135N- NEQNVSLNPI	380	116
>LIFR-I135N- NEQNVSLI	224	>LIFR-I135N- NEQNVSLN	33189	32965
>LIFR-I135N- LNEQNVSLI	428	>LIFR-I135N- LNEQNVSLN	31599	31171
>LIFR-I135N- TLNEQNVSLI	145	>LIFR-I135N- TLNEQNVSLN	20735	20590
>LIFR-I135N- TLNEQNVSLI	68	>LIFR-I135N- TLNEQNVSLN	17767	17699
>LIFR-I135N- TLNEQNVSLI	17	>LIFR-I135N- TLNEQNVSLN	6555	6538
>LIFR-I135N- TLNEQNVSLI	33	>LIFR-I135N- TLNEQNVSLN	19739	19706
>LIFR-I135N- TLNEQNVSLI	74	>LIFR-I135N- TLNEQNVSLN	18037	17963
>LIFR-I135N- TLNEQNVSLI	148	>LIFR-I135N- TLNEQNVSLN	22567	22419
>LIFR-I135N- TLNEQNVSLI	12	>LIFR-I135N- TLNEQNVSLN	7834	7822
>LIFR-R302H- KIRNISVSA	2281	>LIFR-R302H- KIHNISVSA	386	1895
>LIFR-R302H- KIRNISVSA	242	>LIFR-R302H- KIHNISVSA	113	129
>LIFR-R302H- KIRNISVSA	1472	>LIFR-R302H- KIHNISVSA	324	1148
>LIFR-R302H- KIRNISVS	32	>LIFR-R302H- KIHNISVS	328	296
>LIFR-R302H- KIRNISVSA	4	>LIFR-R302H- KIHNISVSA	10	6
>LIFR-R302H- KIRNISVSAS	16	>LIFR-R302H- KIHNISVSAS	133	117
>LIFR-R302H- KIRNISVSASS	8	>LIFR-R302H- KIHNISVSASS	45	37
>LIFR-R302H- KIRNISVSA	108	>LIFR-R302H- KIHNISVSA	28	80
>LIFR-R302H- KIRNISVSASS	1225	>LIFR-R302H- KIHNISVSASS	285	940
>LIFR-R302H- IKIRNISV	22	>LIFR-R302H- IKIHNISV	14	8
>LIFR-R302H- IKIRNISVS	186	>LIFR-R302H- IKIHNISVS	109	77
>LIFR-R302H- IKIRNISVSA	35	>LIFR-R302H- IKIHNISVSA	25	10
>LIFR-R302H- IKIRNISVSAS	86	>LIFR-R302H- IKIHNISVSAS	63	23
>LIFR-R302H- AIKIRNISV	153	>LIFR-R302H- AIKIHNISV	37	116
>LIFR-R302H- AIKIRNISVSA	711	>LIFR-R302H- AIKIHNISVSA	288	423
>LIFR-R302H- AIKIRNISV	36	>LIFR-R302H- AIKIHNISV	36	0
>LIFR-R302H- AIKIRNISV	23	>LIFR-R302H- AIKIHNISV	27	4
>LIFR-R302H- AIKIRNISVSA	22	>LIFR-R302H- AIKIHNISVSA	24	2
>LIFR-R302H- AIKIRNISV	134	>LIFR-R302H- AIKIHNISV	377	243
>LIFR-R302H- AIKIRNISVSA	405	>LIFR-R302H- AIKIHNISVSA	809	404
>LIFR-R302H- VAIKIRNISV	495	>LIFR-R302H- VAIKIHNISV	549	54

>LIFR-R302H·NVAIKIRNI	4976	>LIFR-R302H·NVAIKIHNI	353	4623
>LIFR-R302H·NVAIKIRNISV	859	>LIFR-R302H·NVAIKIHNISV	206	653
>LIFR-R302H·NVAIKIRNI	739	>LIFR-R302H·NVAIKIHNI	216	523
>LIFR-R302H·NVAIKIRNISV	177	>LIFR-R302H·NVAIKIHNISV	76	101
>LIFR-R302H·NVAIKIRNISV	354	>LIFR-R302H·NVAIKIHNISV	101	253
>LIFR-R302H·NVAIKIRNISV	505	>LIFR-R302H·NVAIKIHNISV	122	383
>LIFR-R302H·NVAIKIRNI	163	>LIFR-R302H·NVAIKIHNI	12	151
>LIFR-R302H·NVAIKIRNISV	28	>LIFR-R302H·NVAIKIHNISV	14	14
>LIFR-R302H·NVAIKIRNI	3973	>LIFR-R302H·NVAIKIHNI	106	3867
>LIFR-R302H·NVAIKIRNISV	151	>LIFR-R302H·NVAIKIHNISV	25	126
>LIFR-R302H·ENVAIKIR	68	>LIFR-R302H·ENVAIKIH	13361	13293
>LIFR-R302H·ENVAIKIRNI	1157	>LIFR-R302H·ENVAIKIHNI	158	999
>LIFR-R302H·GENVAIKIRNI	23	>LIFR-R302H·GENVAIKIHN	18	5
>LIFR-R302H·GENVAIKIRNI	1041	>LIFR-R302H·GENVAIKIHN	298	743
>LIFR-R302H·GENVAIKIRNI	181	>LIFR-R302H·GENVAIKIHN	132	49
>LIFR-R302H·GENVAIKIRNI	309	>LIFR-R302H·GENVAIKIHN	329	20
>LIFR-R302H·GENVAIKIRNI	16	>LIFR-R302H·GENVAIKIHN	11	5
>LPP-I601L- <del>v</del> RIRVLTAKA	937	>LPP-I601L- <del>n</del> RLRVLTAKA	72	865
>LPP-I601L- <del>v</del> RIRVLTAKA	11445	>LPP-I601L- <del>n</del> RLRVLTAKA	205	11240
>LPP-I601L- <del>v</del> RIRVLTAK	53	>LPP-I601L- <del>n</del> RLRVLTAK	37	16
>LPP-I601L- <del>v</del> RIRVLTAK	464	>LPP-I601L- <del>n</del> RLRVLTAK	1500	1036
>LPP-I601L- <del>v</del> RIRVLTAK	3	>LPP-I601L- <del>n</del> RLRVLTAK	4	1
>LPP-I601L- <del>v</del> RIRVLTAKA	5	>LPP-I601L- <del>n</del> RLRVLTAKA	8	3
>LPP-I601L- <del>v</del> RIRVLTAKAS	28	>LPP-I601L- <del>n</del> RLRVLTAKAS	72	44
>LPP-I601L- <del>v</del> RIRVLTAKAST	20	>LPP-I601L- <del>n</del> RLRVLTAKAS	48	28
>LPP-I601L- <del>v</del> RIRVLTAK	32	>LPP-I601L- <del>n</del> RLRVLTAK	36	4
>LPP-I601L- <del>v</del> ILCKTCNSARI	227	>LPP-I601L- <del>n</del> ILCKTCNSARI	63	164
>LPP-I601L- <del>v</del> ILCKTCNSARI	168	>LPP-I601L- <del>n</del> ILCKTCNSARI	343	175
>LPP-I601L- <del>v</del> ILCKTCNSARI	54	>LPP-I601L- <del>n</del> ILCKTCNSARI	57	3
>LPP-I601L- <del>v</del> ILCKTCNSARI	45	>LPP-I601L- <del>n</del> ILCKTCNSARI	13	32
>LPP-I601L- <del>v</del> ARIRVLTA	366	>LPP-I601L- <del>n</del> ARLRVLTA	214	152
>LPP-I601L- <del>v</del> ARIRVLTAK	46	>LPP-I601L- <del>n</del> ARLRVLTAK	33	13
>LPP-I601L- <del>v</del> ARIRVLTAKA	195	>LPP-I601L- <del>n</del> ARLRVLTAKA	276	81
>LPP-I601L- <del>v</del> ARIRVLTAK	197	>LPP-I601L- <del>n</del> ARLRVLTAK	188	9
>LPP-I601L- <del>v</del> SARIRVLTAK	237	>LPP-I601L- <del>n</del> SARLRVLTAK	196	41
>LPP-I601L- <del>v</del> SARIRVLTAK	131	>LPP-I601L- <del>n</del> SARLRVLTAK	104	27
>LPP-I601L- <del>v</del> SARIRVLT	403	>LPP-I601L- <del>n</del> SARLRVLT	474	71
>LPP-I601L- <del>v</del> SARIRVLTA	11	>LPP-I601L- <del>n</del> SARLRVLTA	12	1
>LPP-I601L- <del>v</del> SARIRVLTAK	6	>LPP-I601L- <del>n</del> SARLRVLTAK	6	0
>LPP-I601L- <del>v</del> SARIRVLTAK/	20	>LPP-I601L- <del>n</del> SARLRVLTAK/	22	2
>LPP-I601L- <del>v</del> SARIRVLTAK	472	>LPP-I601L- <del>n</del> SARLRVLTAK	401	71
>LPP-I601L- <del>v</del> SARIRVLTA	56	>LPP-I601L- <del>n</del> SARLRVLTA	63	7
>LPP-I601L- <del>v</del> SARIRVLTAK/	465	>LPP-I601L- <del>n</del> SARLRVLTAK/	544	79

>LPP-I601L- $\nu$ NSARIRVLTAI	134	>LPP-I601L- $\eta$ NSARLRVLT	156	22
>LPP-I601L- $\nu$ NSARIRVLTAI	11	>LPP-I601L- $\eta$ NSARLRVLT	23	12
>LPP-I601L- $\nu$ NSARIRVL	343	>LPP-I601L- $\eta$ NSARLRVL	1157	814
>LPP-I601L- $\nu$ NSARIRVLT	166	>LPP-I601L- $\eta$ NSARLRVLT	1017	851
>LPP-I601L- $\nu$ NSARIRVL	291	>LPP-I601L- $\eta$ NSARLRVL	616	325
>LPP-I601L- $\nu$ TCNSARIRV	377	>LPP-I601L- $\eta$ TCNSARLRV	1434	1057
>LPP-I601L- $\nu$ KTCNSARIR	664	>LPP-I601L- $\eta$ KTCNSARLR	149	515
>LPP-I601L- $\nu$ KTCNSARI	133	>LPP-I601L- $\eta$ KTCNSARL	358	225
>LPP-I601L- $\nu$ KTCNSARIR	822	>LPP-I601L- $\eta$ KTCNSARLR	482	340
>LPP-I601L- $\nu$ KTCNSARIRV	100	>LPP-I601L- $\eta$ KTCNSARLRV	108	8
>LPP-I601L- $\nu$ KTCNSARIRV	464	>LPP-I601L- $\eta$ KTCNSARLRV	427	37
>LPP-I601L- $\nu$ KTCNSARIR	53	>LPP-I601L- $\eta$ KTCNSARLR	23	30
>LPP-I601L- $\nu$ KTCNSARI	56	>LPP-I601L- $\eta$ KTCNSARL	131	75
>LPP-I601L- $\nu$ KTCNSARIRV	161	>LPP-I601L- $\eta$ KTCNSARLRV	190	29
>LPP-I601L- $\nu$ KTCNSARIR	605	>LPP-I601L- $\eta$ KTCNSARLR	137	468
>LPP-I601L- $\nu$ KTCNSARIRV	397	>LPP-I601L- $\eta$ KTCNSARLRV	1414	1017
>LPP-I601L- $\nu$ KTCNSARI	8	>LPP-I601L- $\eta$ KTCNSARL	4	4
>LPP-I601L- $\nu$ KTCNSARIRV	111	>LPP-I601L- $\eta$ KTCNSARLRV	53	58
>LPP-I601L- $\nu$ KTCNSARIRV	9	>LPP-I601L- $\eta$ KTCNSARLRV	9	0
>LPP-I601L- $\nu$ KTCNSARIRV	169	>LPP-I601L- $\eta$ KTCNSARLRV	109	60
>LPP-I601L- $\nu$ KTCNSARIR	657	>LPP-I601L- $\eta$ KTCNSARLR	391	266
>LPP-I601L- $\nu$ KTCNSARI	25	>LPP-I601L- $\eta$ KTCNSARL	156	131
>LPP-I601L- $\nu$ KTCNSARIRV	144	>LPP-I601L- $\eta$ KTCNSARLRV	143	1
>MALT1-E79. ETTDEIPFSF	155	>MALT1-E79. KTTDEIPFSF	5016	4861
>MALT1-E79. ETTDEIPF	37	>MALT1-E79. KTTDEIPF	10575	10538
>MALT1-E79. ETTDEIPFSF	133	>MALT1-E79. KTTDEIPFSF	4762	4629
>MALT1-E79. ETTDEIPF	6	>MALT1-E79. KTTDEIPF	349	343
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>MALT1-E79. ETTDEIPFSF	10	>MALT1-E79. KTTDEIPFSF	574	564
>MALT1-E79. ETTDEIPFSFS	179	>MALT1-E79. KTTDEIPFSFS	11266	11087
>MALT1-E79. ETTDEIPF	2524	>MALT1-E79. KTTDEIPF	66	2458
>MALT1-E79. ETTDEIPFSF	596	>MALT1-E79. KTTDEIPFSF	26	570
>MALT1-E79. ETTDEIPFSFS	418	>MALT1-E79. KTTDEIPFSFS	14832	14414
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>MALT1-E79. ETTDEIPF	10987	>MALT1-E79. KTTDEIPF	60	10927
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>MALT1-E79. ETTDEIPFS	2525	>MALT1-E79. KTTDEIPFS	387	2138

>MALT1-E79.ETTDEIPFSF	291	>MALT1-E79.KTTDEIPFSF	40	251
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>MALT1-E79.VETTDEIPF	321	>MALT1-E79.VKTTDEIPF	7	314
>MALT1-E79.VETTDEIPFSF	344	>MALT1-E79.VKTTDEIPFSF	9	335
>MALT1-E79.VETTDEIPF	258	>MALT1-E79.VKTTDEIPF	18822	18564
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>MALT1-E79.VETTDEIPFSF	162	>MALT1-E79.VKTTDEIPFSF	20044	19882
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>MALT1-E79.VPVETTDEI	79	>MALT1-E79.VPVKTTDEI	161	82
>MALT1-E79.VPVETTDEI	194	>MALT1-E79.VPVKTTDEI	245	51
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>MALT1-E79.NVPVETTDEI	439	>MALT1-E79.NVPVKTTDEI	532	93
>MALT1-E79.SNVPVETTDE	668	>MALT1-E79.SNVPVKTTDE	497	171
>MALT1-E79.RSNVPVETT	724	>MALT1-E79.RSNVPVKTT	188	536
>MALT1-E79.SRSNVPVE	12962	>MALT1-E79.SRSNVPVK	413	12549
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>MALT1-E79.FSRSNVPVE	4262	>MALT1-E79.FSRSNVPVK	441	3821
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>MAML2-M5YMYKAGPS	36	>MAML2-M5YVYKAGPS	5083	5047
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>MAML2-M5 YMYKAGPSA	21	>MAML2-M5 YVYKAGPSAC	1964	1943
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>MAML2-M5 YMYKAGPSA	45	>MAML2-M5 YVYKAGPSA	4144	4099
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>MAML2-M8 RMPSLSTA	318	>MAML2-M8 RVPSLSTA	5536	5218
>MAML2-M8 RMPSLSTAV	9	>MAML2-M8 RVPSLSTAV	209	200
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>MAML2-M8SLLSTSHGTR\	318	>MAML2-M8SLLSTSHGTR\	20	298
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>MAML2-M8SLLSTSHGTR\	327	>MAML2-M8SLLSTSHGTR\	8	319
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>MAML2-M8SLLSTSHGTR\	244	>MAML2-M8SLLSTSHGTR\	1771	1527
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>MAML2-M8GTRMP SLSTA	129	>MAML2-M8GTRVPSLSTA'	184	55
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>MAML2-M8TSHGTRMP S	90	>MAML2-M8TSHGTRVPS	356	266
>MAML2-M8TSHGTRMP SI	69	>MAML2-M8TSHGTRVPSL	108	39



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>MAML2-M8STSHGTRM	6680	>MAML2-M8STSHGTRV	90	6590
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>MAP2K4-K3 ATGRFPYPK	267	>MAP2K4-K3 ATGRFPYPN	20587	20320

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>MAP2K4-Q1STVDEKEQKC	25	>MAP2K4-Q1STVDEKELKQ	29	4
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>MAP2K4-Q1STVDEKEQK	234	>MAP2K4-Q1STVDEKELK	278	44
>MAP2K4-Q1RSTVDEKEQK	333	>MAP2K4-Q1RSTVDEKELK	143	190
>MAP2K4-Q1RSTVDEKEQ	7917	>MAP2K4-Q1RSTVDEKEL	29	7888
>MAP2K4-R1RSSDCPYIV	485	>MAP2K4-R1WSSDCPYIV	359	126
>MAP2K4-R1RSSDCPYIV	497	>MAP2K4-R1WSSDCPYIV	196	301
>MAP2K4-R1RSSDCPYI	275	>MAP2K4-R1WSSDCPYI	14831	14556
>MAP2K4-R1RSSDCPYIVQI	54	>MAP2K4-R1WSSDCPYIVC	8357	8303
>MAP2K4-R1RSSDCPYI	5290	>MAP2K4-R1WSSDCPYI	228	5062
>MAP2K4-R1RSSDCPYIV	973	>MAP2K4-R1WSSDCPYIV	30	943
>MAP2K4-R1RSSDCPYIVQI	205	>MAP2K4-R1WSSDCPYIVC	347	142
>MAP2K4-R1RSSDCPYIVQI	18	>MAP2K4-R1WSSDCPYIVC	31	13
>MAP2K4-R1RSSDCPYI	29	>MAP2K4-R1WSSDCPYI	626	597
>MAP2K4-R1RSSDCPYIVQI	3	>MAP2K4-R1WSSDCPYIVC	5	2
>MAP2K4-R1RSSDCPYIVQI	2654	>MAP2K4-R1WSSDCPYIVC	131	2523
>MAP2K4-R1RSSDCPYIVQI	100	>MAP2K4-R1WSSDCPYIVC	992	892
>MAP2K4-R1RSSDCPYI	41	>MAP2K4-R1WSSDCPYI	1169	1128

>MAP2K4-R1 RSSDCPYIVQI	15	>MAP2K4-R1 WSSDCPYIVC	76	61
>MAP2K4-R1 RSSDCPYIVQI	447	>MAP2K4-R1 WSSDCPYIVC	1361	914
>MAP2K4-R1 RSSDCPYI	290	>MAP2K4-R1 WSSDCPYI	844	554
>MAP2K4-R1 RSSDCPYIV	555	>MAP2K4-R1 WSSDCPYIV	283	272
>MAP2K4-R1 RSSDCPYIVQI	45	>MAP2K4-R1 WSSDCPYIVC	37	8
>MAP2K4-R1 RSSDCPYI	17	>MAP2K4-R1 WSSDCPYI	75	58
>MAP2K4-R1 MRSSDCPYI	16849	>MAP2K4-R1 MWSSDCPYI	250	16599
>MAP2K4-R1 MRSSDCPYIV	24237	>MAP2K4-R1 MWSSDCPYI	285	23952
>MAP2K4-R1 MRSSDCPYI	18190	>MAP2K4-R1 MWSSDCPYI	64	18126
>MAP2K4-R1 MRSSDCPY	1111	>MAP2K4-R1 MWSSDCPY	60	1051
>MAP2K4-R1 MRSSDCPY	449	>MAP2K4-R1 MWSSDCPY	87	362
>MAP2K4-R1 MRSSDCPY	28	>MAP2K4-R1 MWSSDCPY	719	691
>MAP2K4-R1 MRSSDCPYI	326	>MAP2K4-R1 MWSSDCPYI	6997	6671
>MAP2K4-R1 MRSSDCPYIV	292	>MAP2K4-R1 MWSSDCPYI	5169	4877
>MAP2K4-R1 MRSSDCPYIV	451	>MAP2K4-R1 MWSSDCPYI	18089	17638
>MAP2K4-R1 MRSSDCPY	230	>MAP2K4-R1 MWSSDCPY	79	151
>MAP2K4-R1 MRSSDCPYIV	342	>MAP2K4-R1 MWSSDCPYI	12293	11951
>MAP2K4-R1 MRSSDCPY	57	>MAP2K4-R1 MWSSDCPY	2710	2653
>MAP2K4-R1 MRSSDCPYI	333	>MAP2K4-R1 MWSSDCPYI	10489	10156
>MAP2K4-R1 MRSSDCPY	26587	>MAP2K4-R1 MWSSDCPY	141	26446
>MAP2K4-R1 MRSSDCPYI	13128	>MAP2K4-R1 MWSSDCPYI	23	13105
>MAP2K4-R1 MRSSDCPYIV	18636	>MAP2K4-R1 MWSSDCPYI	69	18567
>MAP2K4-R1 MRSSDCPYIV	22346	>MAP2K4-R1 MWSSDCPYI	217	22129
>MAP2K4-R1 QLLMDLDVV	31032	>MAP2K4-R1 QLLMDLDVV	309	30723
>MAP2K4-R1 VMRSSDCPYI	371	>MAP2K4-R1 VMWSSDCPY	32	339
>MAP2K4-R1 VMRSSDCPYI	394	>MAP2K4-R1 VMWSSDCPY	9	385
>MAP2K4-R1 VMRSSDCPYI	226	>MAP2K4-R1 VMWSSDCPY	54	172
>MAP2K4-R1 VMRSSDCPYI	246	>MAP2K4-R1 VMWSSDCPY	45	201
>MAP2K4-R1 VMRSSDCPYI	233	>MAP2K4-R1 VMWSSDCPY	89	144
>MAP2K4-R1 VMRSSDCPYI	17	>MAP2K4-R1 VMWSSDCPY	34	17
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>MAP2K4-R1 VMRSSDCPYI	2042	>MAP2K4-R1 VMWSSDCPY	71	1971
>MAP2K4-R1 VMRSSDCPY	13533	>MAP2K4-R1 VMWSSDCPY	382	13151
>MAP2K4-R1 VMRSSDCPYI	38	>MAP2K4-R1 VMWSSDCPY	2	36
>MAP2K4-R1 VMRSSDCPYI	15	>MAP2K4-R1 VMWSSDCPY	2	13
>MAP2K4-R1 VMRSSDCPYI	252	>MAP2K4-R1 VMWSSDCPY	9	243
>MAP2K4-R1 VMRSSDCPYI	14	>MAP2K4-R1 VMWSSDCPY	3	11
>MAP2K4-R1 VMRSSDCPYI	108	>MAP2K4-R1 VMWSSDCPY	5	103
>MAP2K4-R1 VMRSSDCPYI	29	>MAP2K4-R1 VMWSSDCPY	4	25
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>MAP2K4-R1 VMRSSDCPYI	88	>MAP2K4-R1 VMWSSDCPY	2	86
>MAP2K4-R1 VMRSSDCPYI	22	>MAP2K4-R1 VMWSSDCPY	7	15
>MAP2K4-R1 VMRSSDCPYI	5	>MAP2K4-R1 VMWSSDCPY	2	3

>MAP2K4-R1 VMRSSDCPY	305	>MAP2K4-R1 VMWSSDCPY	31	274
>MAP2K4-R1 VMRSSDCPY	452	>MAP2K4-R1 VMWSSDCPY	13196	12744
>MAP2K4-R1 VMRSSDCPYI	120	>MAP2K4-R1 VMWSSDCPY	10090	9970
>MAP2K4-R1 VMRSSDCPY	86	>MAP2K4-R1 VMWSSDCPY	27	59
>MAP2K4-R1 VMRSSDCPY	22	>MAP2K4-R1 VMWSSDCPY	26	4
>MAP2K4-R1 VMRSSDCPYI	490	>MAP2K4-R1 VMWSSDCPY	1764	1274
>MAP2K4-R1 VMRSSDCPY	21	>MAP2K4-R1 VMWSSDCPY	21	0
>MAP2K4-R1 VMRSSDCPY	5	>MAP2K4-R1 VMWSSDCPY	3	2
>MAP2K4-R1 VMRSSDCPYI	62	>MAP2K4-R1 VMWSSDCPY	36	26
>MAP2K4-R1 VMRSSDCPYI	48	>MAP2K4-R1 VMWSSDCPY	29	19
>MAP2K4-R1 VMRSSDCPY	18	>MAP2K4-R1 VMWSSDCPY	20	2
>MAP2K4-R1 VMRSSDCPY	188	>MAP2K4-R1 VMWSSDCPY	16	172
>MAP2K4-R1 VMRSSDCPYI	1404	>MAP2K4-R1 VMWSSDCPY	498	906
>MAP2K4-R1 VVMRSSDCP'	213	>MAP2K4-R1 VVMWSSDCF	58	155
>MAP2K4-R1 VVMRSSDCP'	529	>MAP2K4-R1 VVMWSSDCF	298	231
>MAP2K4-R1 VVMRSSDCP'	451	>MAP2K4-R1 VVMWSSDCF	200	251
>MAP2K4-R1 VVMRSSDCP'	37	>MAP2K4-R1 VVMWSSDCF	17	20
>MAP2K4-R1 VVMRSSDCP'	380	>MAP2K4-R1 VVMWSSDCF	61	319
>MAP2K4-R1 VVMRSSDCP'	1299	>MAP2K4-R1 VVMWSSDCF	249	1050
>MAP2K4-R1 VVMRSSDCP'	67	>MAP2K4-R1 VVMWSSDCF	20	47
>MAP2K4-R1 VVMRSSDCP'	834	>MAP2K4-R1 VVMWSSDCF	274	560
>MAP2K4-R1 VVMRSSDCP'	433	>MAP2K4-R1 VVMWSSDCF	225	208
>MAP2K4-R1 VVMRSSDCP'	159	>MAP2K4-R1 VVMWSSDCF	256	97
>MAP2K4-R1 VVMRSSDCP'	244	>MAP2K4-R1 VVMWSSDCF	143	101
>MAP2K4-R1 VVMRSSDCP'	46	>MAP2K4-R1 VVMWSSDCF	43	3
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>MAP2K4-R1 VVMRSSDCP'	49	>MAP2K4-R1 VVMWSSDCF	60	11
>MAP2K4-R1 VVMRSSDCP'	156	>MAP2K4-R1 VVMWSSDCF	261	105
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>MAP2K4-R1 VVMRSSDCP'	56	>MAP2K4-R1 VVMWSSDCF	29	27
>MAP2K4-R1 DVVMRSSDC	476	>MAP2K4-R1 DVVMWSSDC	595	119
>MAP2K4-R1 DVVMRSSDC	27	>MAP2K4-R1 DVVMWSSDC	15	12
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>MAP2K4-R1 DVVMRSSDC	86	>MAP2K4-R1 DVVMWSSDC	177	91
>MAP2K4-R1 DVVMRSSDC	2097	>MAP2K4-R1 DVVMWSSDC	381	1716
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>MAP2K4-R1 DVVMRSSDC	94	>MAP2K4-R1 DVVMWSSDC	34	60
>MAP2K4-R1 MDLDVVMR	263	>MAP2K4-R1 MDLDVVMW	29654	29391
>MAP2K4-R1 MDLDVVMR	18614	>MAP2K4-R1 MDLDVVMW	338	18276
>MAP2K4-R1 MDLDVVMR	33919	>MAP2K4-R1 MDLDVVMW	266	33653
>MAP2K4-R1 MDLDVVMR	27666	>MAP2K4-R1 MDLDVVMW	48	27618
>MAP2K4-R1 LMDLDVVMF	420	>MAP2K4-R1 LMDLDVVMW	374	46

>MAP2K4-R1 LMDLDVVMF	2046	>MAP2K4-R1 LMDLDVVMV	203	1843
>MAP2K4-R1 LMDLDVVMF	23291	>MAP2K4-R1 LMDLDVVMV	111	23180
>MAP2K4-R1 LMDLDVVMF	29612	>MAP2K4-R1 LMDLDVVMV	98	29514
>MAP2K4-R1 LLMDLDVVM	261	>MAP2K4-R1 LLMDLDVVM	138	123
>MAP2K4-R1 LLMDLDVVM	88	>MAP2K4-R1 LLMDLDVVM	52	36
>MAP2K4-R1 LLMDLDVVM	279	>MAP2K4-R1 LLMDLDVVM	147	132
>MAP2K4-R1 LLMDLDVVM	980	>MAP2K4-R1 LLMDLDVVM	359	621
>MAP2K4-R1 LLMDLDVVM	161	>MAP2K4-R1 LLMDLDVVM	163	2
>MAP2K4-R1 LLMDLDVVM	33	>MAP2K4-R1 LLMDLDVVM	24	9
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>MAP2K4-R1 LLMDLDVVM	25209	>MAP2K4-R1 LLMDLDVVM	203	25006
>MAP2K4-R1 LLMDLDVVM	22367	>MAP2K4-R1 LLMDLDVVM	74	22293
>MAP2K4-R1 LLMDLDVVM	27328	>MAP2K4-R1 LLMDLDVVM	55	27273
>MAP2K4-R1 LLMDLDVVM	298	>MAP2K4-R1 LLMDLDVVM	23191	22893
>MAP2K4-R2 RIDPSASRQG	427	>MAP2K4-R2 GIDPSASRQG	1035	608
>MAP2K4-R2 RIDPSASR	208	>MAP2K4-R2 GIDPSASR	3319	3111
>MAP2K4-R2 RIDPSASRQG	15	>MAP2K4-R2 GIDPSASRQG	187	172
>MAP2K4-R2 RIDPSASRQG	242	>MAP2K4-R2 GIDPSASRQG	303	61
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>MAP2K4-R2 ERIDPSASR	329	>MAP2K4-R2 EGIDPSASR	97	232
>MAP2K4-R2 MAPERIDPS	363	>MAP2K4-R2 MAPEGIDPS	137	226
>MAP2K4-R2 YMAPERIDPS	35	>MAP2K4-R2 YMAPEGIDPS	26	9
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>MAP2K4-R2 YMAPERIDPS	18	>MAP2K4-R2 YMAPEGIDPS	11	7
>MAP2K4-R2 YMAPERIDPS	25	>MAP2K4-R2 YMAPEGIDPS	16	9
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>MAP2K4-R2 YMAPERIDPS	53	>MAP2K4-R2 YMAPEGIDPS	19	34
>MAP2K4-R2 YMAPERIDPS	114	>MAP2K4-R2 YMAPEGIDPS	100	14
>MAP2K4-R2 YMAPERIDPS	3	>MAP2K4-R2 YMAPEGIDPS	3	0
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>MAP2K4-R2 PYMAPERI	403	>MAP2K4-R2 PYMAPEGI	1580	1177
>MAP2K4-R2 PYMAPERI	487	>MAP2K4-R2 PYMAPEGI	1283	796
>MAP2K4-R2 PYMAPERI	163	>MAP2K4-R2 PYMAPEGI	153	10
>MAP2K4-R2 RPYMAPERI	26	>MAP2K4-R2 RPYMAPEGI	83	57
>MAP2K4-R2 RPYMAPERI	264	>MAP2K4-R2 RPYMAPEGI	261	3



>MAP2K4-R2 RPYMAPERI	495	>MAP2K4-R2 RPYMAPEGI	944	449
>MAP2K4-R2 RPYMAPER	188	>MAP2K4-R2 RPYMAPEG	34570	34382
>MAP2K4-R2 RPYMAPERI	161	>MAP2K4-R2 RPYMAPEGI	163	2
>MAP2K4-S1 SFDKFKYKV	278	>MAP2K4-S1 LFDKFKYKV	376	98
>MAP2K4-S1 SFDKFKYK	118	>MAP2K4-S1 LFDKFKYK	119	1
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>MAP2K4-S1 SFDKFKYK	435	>MAP2K4-S1 LFDKFKYK	596	161
>MAP2K4-S1 SFDKFKYKVY	219	>MAP2K4-S1 LFDKFKYKVY	239	20
>MAP2K4-S1 SFDKFKYK	220	>MAP2K4-S1 LFDKFKYK	906	686
>MAP2K4-S1 SFDKFKYKVY	489	>MAP2K4-S1 LFDKFKYKVY	1931	1442
>MAP2K4-S1 SFDKFKYK	114	>MAP2K4-S1 LFDKFKYK	156	42
>MAP2K4-S1 SFDKFKYKV	335	>MAP2K4-S1 LFDKFKYKV	721	386
>MAP2K4-S1 TSFDKFKYKV	2229	>MAP2K4-S1 TLFDKFKYKV	22	2207
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>MAP2K4-S1 TSFDKFKYKV	467	>MAP2K4-S1 TLFDKFKYKV	11	456
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>MAP2K4-S1 TSFDKFKYK	22564	>MAP2K4-S1 TLFDKFKYK	358	22206
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>MAP2K4-S1 TSFDKFKYKV	7696	>MAP2K4-S1 TLFDKFKYKV	5	7691
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>MAP2K4-S1 TSFDKFKYKV	14556	>MAP2K4-S1 TLFDKFKYKV	5	14551
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>MAP2K4-S1 TSFDKFKYKV	2791	>MAP2K4-S1 TLFDKFKYKV	2	2789
>MAP2K4-S1 TSFDKFKYK	76	>MAP2K4-S1 TLFDKFKYK	33	43
>MAP2K4-S1 TSFDKFKYK	2269	>MAP2K4-S1 TLFDKFKYK	264	2005
>MAP2K4-S1 TSFDKFKYK	5	>MAP2K4-S1 TLFDKFKYK	7	2
>MAP2K4-S1 TSFDKFKYK	21	>MAP2K4-S1 TLFDKFKYK	56	35
>MAP2K4-S1 TSFDKFKYKV\	41	>MAP2K4-S1 TLFDKFKYKV\	138	97
>MAP2K4-S1 TSFDKFKYK	232	>MAP2K4-S1 TLFDKFKYK	1050	818
>MAP2K4-S1 TSFDKFKYK	16	>MAP2K4-S1 TLFDKFKYK	9	7
>MAP2K4-S1 TSFDKFKYKV\	25	>MAP2K4-S1 TLFDKFKYKV\	13	12
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>MAP2K4-S1 TSFDKFKYK	21	>MAP2K4-S1 TLFDKFKYK	31	10
>MAP2K4-S1 TSFDKFKYKV\	22	>MAP2K4-S1 TLFDKFKYKV\	36	14
>MAP2K4-S1 TSFDKFKYK	17	>MAP2K4-S1 TLFDKFKYK	21	4
>MAP2K4-S1 TSFDKFKYK	792	>MAP2K4-S1 TLFDKFKYK	495	297
>MAP2K4-S1 TSFDKFKYK	281	>MAP2K4-S1 TLFDKFKYK	217	64
>MAP2K4-S1 TSFDKFKYK	4	>MAP2K4-S1 TLFDKFKYK	12	8
>MAP2K4-S1 TSFDKFKYK	76	>MAP2K4-S1 TLFDKFKYK	280	204
>MAP2K4-S1 TSFDKFKYKV\	83	>MAP2K4-S1 TLFDKFKYKV\	362	279
>MAP2K4-S1 TSFDKFKYKV	61	>MAP2K4-S1 TLFDKFKYKV	412	351
>MAP2K4-S1 TSFDKFKYKV	87	>MAP2K4-S1 TLFDKFKYKV	44	43
>MAP2K4-S1 TSFDKFKYK	705	>MAP2K4-S1 TLFDKFKYK	85	620

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>MAP2K4-S1 TSFDKFYKY	702	>MAP2K4-S1 TLFDFYKY	263	439
>MAP2K4-S1 TSFDKFYKYV\	173	>MAP2K4-S1 TLFDFYKYV\	100	73
>MAP2K4-S1 TSFDKFYKY	9661	>MAP2K4-S1 TLFDFYKY	355	9306
>MAP2K4-S1 TSFDKFYKYV\	7346	>MAP2K4-S1 TLFDFYKYV\	234	7112
>MAP2K4-S1 TSFDKFYKY	429	>MAP2K4-S1 TLFDFYKY	642	213
>MAP2K4-S1 TSFDKFYKYV\	229	>MAP2K4-S1 TLFDFYKYV\	339	110
>MAP2K4-S1 TSFDKFYKY	8	>MAP2K4-S1 TLFDFYKY	1700	1692
>MAP2K4-S1 TSFDKFYKYV\	9	>MAP2K4-S1 TLFDFYKYV\	3685	3676
>MAP2K4-S1 TSFDKFYKY	408	>MAP2K4-S1 TLFDFYKY	14837	14429
>MAP2K4-S1 TSFDKFYKYV\	459	>MAP2K4-S1 TLFDFYKYV\	14979	14520
>MAP2K4-S1 TSFDKFYKY	59	>MAP2K4-S1 TLFDFYKY	1456	1397
>MAP2K4-S1 TSFDKFYKYV\	36	>MAP2K4-S1 TLFDFYKYV\	760	724
>MAP2K4-S1 TSFDKFYK	66	>MAP2K4-S1 TLFDFYK	630	564
>MAP2K4-S1 TSFDKFYKY	247	>MAP2K4-S1 TLFDFYKY	3503	3256
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>MAP2K4-S1 CWICMELMS	6931	>MAP2K4-S1 CWICMELMS	272	6659
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>MAP2K4-S1 STSFDKFY	229	>MAP2K4-S1 STLFDFY	6343	6114
>MAP2K4-S1 STSFDKFYKY	27	>MAP2K4-S1 STLFDFYKY	131	104
>MAP2K4-S1 STSFDKFYKY\	246	>MAP2K4-S1 STLFDFYKY\	1081	835
>MAP2K4-S1 STSFDKFYKY\	453	>MAP2K4-S1 STLFDFYKY\	1642	1189
>MAP2K4-S1 STSFDKFYKY\	512	>MAP2K4-S1 STLFDFYKY\	119	393
>MAP2K4-S1 STSFDKFYKY\	102	>MAP2K4-S1 STLFDFYKY\	14	88
>MAP2K4-S1 STSFDKFYKY\	1457	>MAP2K4-S1 STLFDFYKY\	285	1172
>MAP2K4-S1 STSFDKFYKY\	337	>MAP2K4-S1 STLFDFYKY\	52	285
>MAP2K4-S1 STSFDKFYKY\	707	>MAP2K4-S1 STLFDFYKY\	486	221
>MAP2K4-S1 STSFDKFYK	106	>MAP2K4-S1 STLFDFYK	134	28
>MAP2K4-S1 STSFDKFYKY	288	>MAP2K4-S1 STLFDFYKY	203	85
>MAP2K4-S1 STSFDKFY	97	>MAP2K4-S1 STLFDFY	123	26
>MAP2K4-S1 STSFDKFYK	6	>MAP2K4-S1 STLFDFYK	6	0
>MAP2K4-S1 STSFDKFYKY	16	>MAP2K4-S1 STLFDFYKY	23	7
>MAP2K4-S1 STSFDKFYKY	495	>MAP2K4-S1 STLFDFYKY	467	28
>MAP2K4-S1 STSFDKFY	106	>MAP2K4-S1 STLFDFY	46	60
>MAP2K4-S1 STSFDKFYKY	247	>MAP2K4-S1 STLFDFYKY	92	155
>MAP2K4-S1 STSFDKFY	42	>MAP2K4-S1 STLFDFY	31	11
>MAP2K4-S1 STSFDKFYKY	62	>MAP2K4-S1 STLFDFYKY	115	53
>MAP2K4-S1 STSFDKFYK	127	>MAP2K4-S1 STLFDFYK	51	76
>MAP2K4-S1 STSFDKFY	21	>MAP2K4-S1 STLFDFY	41	20
>MAP2K4-S1 STSFDKFYKY	18	>MAP2K4-S1 STLFDFYKY	23	5

>MAP2K4-S1 STSFDKFKY	28	>MAP2K4-S1 STLFDKFKY	18	10
>MAP2K4-S1 STSFDKFKY	90	>MAP2K4-S1 STLFDKFKY	441	351
>MAP2K4-S1 STSFDKFKY	5	>MAP2K4-S1 STLFDKFKY	12	7
>MAP2K4-S1 STSFDKFKYKY	333	>MAP2K4-S1 STLFDKFKYKY	872	539
>MAP2K4-S1 STSFDKFKYKY\	20	>MAP2K4-S1 STLFDKFKYKY\	61	41
>MAP2K4-S1 STSFDKFKYKY\	59	>MAP2K4-S1 STLFDKFKYKY\	12	47
>MAP2K4-S1 STSFDKFKY	196	>MAP2K4-S1 STLFDKFKY	100	96
>MAP2K4-S1 STSFDKFKYKY	131	>MAP2K4-S1 STLFDKFKYKY	69	62
>MAP2K4-S1 STSFDKFKY	41	>MAP2K4-S1 STLFDKFKY	19	22
>MAP2K4-S1 STSFDKFKYKY	49	>MAP2K4-S1 STLFDKFKYKY	21	28
>MAP2K4-S1 STSFDKFKYKY	36	>MAP2K4-S1 STLFDKFKYKY	95	59
>MAP2K4-S1 STSFDKFKYKY\	369	>MAP2K4-S1 STLFDKFKYKY\	342	27
>MAP2K4-S1 STSFDKFKY	327	>MAP2K4-S1 STLFDKFKY	1607	1280
>MAP2K4-S1 STSFDKFKY	612	>MAP2K4-S1 STLFDKFKY	465	147
>MAP2K4-S1 STSFDKFKY	63	>MAP2K4-S1 STLFDKFKY	48	15
>MAP2K4-S1 STSFDKFKYKY	178	>MAP2K4-S1 STLFDKFKYKY	144	34
>MAP2K4-S1 STSFDKFKYKY\	605	>MAP2K4-S1 STLFDKFKYKY\	481	124
>MAP2K4-S1 MSTSFDFKFKY	412	>MAP2K4-S1 MSTLFDKFKY	596	184
>MAP2K4-S1 MSTSFDFKFKY	180	>MAP2K4-S1 MSTLFDKFKY	222	42
>MAP2K4-S1 MSTSFDFKFKY	156	>MAP2K4-S1 MSTLFDKFKY	192	36
>MAP2K4-S1 MSTSFDFKFKY	10	>MAP2K4-S1 MSTLFDKFKY	11	1
>MAP2K4-S1 MSTSFDFKFKY	434	>MAP2K4-S1 MSTLFDKFKY	615	181
>MAP2K4-S1 MSTSFDFKFKY	376	>MAP2K4-S1 MSTLFDKFKY	1700	1324
>MAP2K4-S1 MSTSFDFKFKY	54	>MAP2K4-S1 MSTLFDKFKY	132	78
>MAP2K4-S1 MSTSFDFKFKY	26	>MAP2K4-S1 MSTLFDKFKY	41	15
>MAP2K4-S1 MSTSFDFKFKY	92	>MAP2K4-S1 MSTLFDKFKY	121	29
>MAP2K4-S1 MSTSFDFKFKY	26	>MAP2K4-S1 MSTLFDKFKY	149	123
>MAP2K4-S1 MSTSFDFKFKY	20	>MAP2K4-S1 MSTLFDKFKY	72	52
>MAP2K4-S1 MSTSFDFKFKY	101	>MAP2K4-S1 MSTLFDKFKY	57	44
>MAP2K4-S1 MSTSFDFKFKY	56	>MAP2K4-S1 MSTLFDKFKY	186	130
>MAP2K4-S1 MSTSFDFKFKY	5	>MAP2K4-S1 MSTLFDKFKY	7	2
>MAP2K4-S1 MSTSFDFKFKY	117	>MAP2K4-S1 MSTLFDKFKY	286	169
>MAP2K4-S1 MSTSFDFKF	57	>MAP2K4-S1 MSTLFDKF	380	323
>MAP2K4-S1 MSTSFDFKFKY	110	>MAP2K4-S1 MSTLFDKFKY	976	866
>MAP2K4-S1 MSTSFDFKFKY	181	>MAP2K4-S1 MSTLFDKFKY	900	719
>MAP2K4-S1 MSTSFDFKF	11	>MAP2K4-S1 MSTLFDKF	15	4
>MAP2K4-S1 MSTSFDFKFKY	9	>MAP2K4-S1 MSTLFDKFKY	9	0
>MAP2K4-S1 MSTSFDFKFKY	9	>MAP2K4-S1 MSTLFDKFKY	9	0
>MAP2K4-S1 MSTSFDFKF	195	>MAP2K4-S1 MSTLFDKF	307	112
>MAP2K4-S1 MSTSFDFKFKY	134	>MAP2K4-S1 MSTLFDKFKY	286	152
>MAP2K4-S1 MSTSFDFKFKY	102	>MAP2K4-S1 MSTLFDKFKY	165	63
>MAP2K4-S1 MSTSFDFKF	397	>MAP2K4-S1 MSTLFDKF	702	305
>MAP2K4-S1 MSTSFDFKFKY	97	>MAP2K4-S1 MSTLFDKFKY	149	52

>MAP2K4-S1 MSTSFDFKYK	226	>MAP2K4-S1 MSTLFDKFYK	346	120
>MAP2K4-S1 MSTSFDFK	42	>MAP2K4-S1 MSTLFDKF	78	36
>MAP2K4-S1 MSTSFDFKY	161	>MAP2K4-S1 MSTLFDKFY	560	399
>MAP2K4-S1 MSTSFDFKYK	123	>MAP2K4-S1 MSTLFDKFYK	287	164
>MAP2K4-S1 MSTSFDFK	65	>MAP2K4-S1 MSTLFDKF	121	56
>MAP2K4-S1 MSTSFDFKY	18	>MAP2K4-S1 MSTLFDKFY	90	72
>MAP2K4-S1 MSTSFDFKYK	31	>MAP2K4-S1 MSTLFDKFYK	126	95
>MAP2K4-S1 MSTSFDFK	149	>MAP2K4-S1 MSTLFDKF	237	88
>MAP2K4-S1 MSTSFDFKYK	429	>MAP2K4-S1 MSTLFDKFYK	652	223
>MAP2K4-S1 LMSTSFDFKY	96	>MAP2K4-S1 LMSTLFDKFY	167	71
>MAP2K4-S1 LMSTSFDFK	667	>MAP2K4-S1 LMSTLFDKF	427	240
>MAP2K4-S1 LMSTSFDK	65	>MAP2K4-S1 LMSTLFDK	97	32
>MAP2K4-S1 LMSTSFDFKY	45	>MAP2K4-S1 LMSTLFDKFY	53	8
>MAP2K4-S1 LMSTSFDK	37	>MAP2K4-S1 LMSTLFDK	42	5
>MAP2K4-S1 LMSTSFDFKY	13	>MAP2K4-S1 LMSTLFDKFY	13	0
>MAP2K4-S1 LMSTSFDFK	150	>MAP2K4-S1 LMSTLFDKF	93	57
>MAP2K4-S1 LMSTSFDFKY	17	>MAP2K4-S1 LMSTLFDKFY	22	5
>MAP2K4-S1 LMSTSFDFKY	66	>MAP2K4-S1 LMSTLFDKFY	124	58
>MAP2K4-S1 LMSTSFDFKY	60	>MAP2K4-S1 LMSTLFDKFY	47	13
>MAP2K4-S1 LMSTSFDK	493	>MAP2K4-S1 LMSTLFDK	680	187
>MAP2K4-S1 LMSTSFDFKY	77	>MAP2K4-S1 LMSTLFDKFY	101	24
>MAP2K4-S1 LMSTSFDFKY	822	>MAP2K4-S1 LMSTLFDKFY	315	507
>MAP2K4-S1 LMSTSFDFK	94	>MAP2K4-S1 LMSTLFDKF	143	49
>MAP2K4-S1 LMSTSFDFKY	78	>MAP2K4-S1 LMSTLFDKFY	108	30
>MAP2K4-S1 LMSTSFDFKY	340	>MAP2K4-S1 LMSTLFDKFY	1124	784
>MAP2K4-S1 LMSTSFDFK	7	>MAP2K4-S1 LMSTLFDKF	34	27
>MAP2K4-S1 LMSTSFDFKY	14	>MAP2K4-S1 LMSTLFDKFY	60	46
>MAP2K4-S1 LMSTSFDFKY	381	>MAP2K4-S1 LMSTLFDKFY	435	54
>MAP2K4-S1 LMSTSFDFK	190	>MAP2K4-S1 LMSTLFDKF	462	272
>MAP2K4-S1 LMSTSFDFKY	495	>MAP2K4-S1 LMSTLFDKFY	265	230
>MAP2K4-S1 ELMSTSFDK	162	>MAP2K4-S1 ELMSTLFDK	270	108
>MAP2K4-S1 ELMSTSFDK	114	>MAP2K4-S1 ELMSTLFDK	130	16
>MAP2K4-S1 ELMSTSFDFK	639	>MAP2K4-S1 ELMSTLFDKF	360	279
>MAP2K4-S1 ELMSTSFDFK	168	>MAP2K4-S1 ELMSTLFDKF	175	7
>MAP2K4-S1 ELMSTSFDFK	270	>MAP2K4-S1 ELMSTLFDKF	51	219
>MAP2K4-S1 ELMSTSFDFK	56	>MAP2K4-S1 ELMSTLFDKF	17	39
>MAP2K4-S1 ELMSTSFDFK	157	>MAP2K4-S1 ELMSTLFDKF	180	23
>MAP2K4-S1 ELMSTSFDFK	150	>MAP2K4-S1 ELMSTLFDKF	193	43
>MAP2K4-S1 ELMSTSFDK	22	>MAP2K4-S1 ELMSTLFDK	20	2
>MAP2K4-S1 ELMSTSFDFK	122	>MAP2K4-S1 ELMSTLFDKF	171	49
>MAP2K4-S1 ELMSTSFDFK	369	>MAP2K4-S1 ELMSTLFDKF	474	105
>MAP2K4-S1 ELMSTSFDFK	346	>MAP2K4-S1 ELMSTLFDKF	724	378
>MAP2K4-S1 ELMSTSFDFK	354	>MAP2K4-S1 ELMSTLFDKF	1221	867

>MAP2K4-S1 ELMSTSFDFK	119	>MAP2K4-S1 ELMSTLFDKF	279	160
>MAP2K4-S1 ELMSTSFDFK	82	>MAP2K4-S1 ELMSTLFDKF	209	127
>MAP2K4-S1 ELMSTSFDFK	263	>MAP2K4-S1 ELMSTLFDKF	513	250
>MAP2K4-S1 ELMSTSFDFK	2468	>MAP2K4-S1 ELMSTLFDKF	388	2080
>MAP2K4-S1 MELMSTSF	151	>MAP2K4-S1 MELMSTLF	37	114
>MAP2K4-S1 MELMSTSF	90	>MAP2K4-S1 MELMSTLFD	227	137
>MAP2K4-S1 MELMSTSF	44	>MAP2K4-S1 MELMSTLFDI	42	2
>MAP2K4-S1 MELMSTSF	142	>MAP2K4-S1 MELMSTLF	1017	875
>MAP2K4-S1 MELMSTSF	6	>MAP2K4-S1 MELMSTLF	15	9
>MAP2K4-S1 MELMSTSF	19	>MAP2K4-S1 MELMSTLFDI	39	20
>MAP2K4-S1 MELMSTSF	10	>MAP2K4-S1 MELMSTLF	18	8
>MAP2K4-S1 MELMSTSF	38	>MAP2K4-S1 MELMSTLFDI	23	15
>MAP2K4-S1 MELMSTSF	393	>MAP2K4-S1 MELMSTLF	1152	759
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>MAP2K4-S1 MELMSTSF	162	>MAP2K4-S1 MELMSTLFDI	115	47
>MAP2K4-S1 MELMSTSF	64	>MAP2K4-S1 MELMSTLF	100	36
>MAP2K4-S1 MELMSTSF	240	>MAP2K4-S1 MELMSTLFDI	160	80
>MAP2K4-S1 MELMSTSF	143	>MAP2K4-S1 MELMSTLF	170	27
>MAP2K4-S1 MELMSTSF	333	>MAP2K4-S1 MELMSTLFDI	373	40
>MAP2K4-S1 MELMSTSF	40	>MAP2K4-S1 MELMSTLF	27	13
>MAP2K4-S1 MELMSTSF	483	>MAP2K4-S1 MELMSTLFD	253	230
>MAP2K4-S1 MELMSTSF	36	>MAP2K4-S1 MELMSTLFDI	28	8
>MAP2K4-S1 MELMSTSF	25	>MAP2K4-S1 MELMSTLFDI	29	4
>MAP2K4-S1 CMELMSTS	23536	>MAP2K4-S1 CMELMSTL	303	23233
>MAP2K4-S1 CMELMSTS	306	>MAP2K4-S1 CMELMSTLFI	253	53
>MAP2K4-S1 CMELMSTS	232	>MAP2K4-S1 CMELMSTLF	1490	1258
>MAP2K4-S1 ICMELMSTS	7973	>MAP2K4-S1 ICMELMSTL	218	7755
>MAP2K4-S1 ICMELMSTS	181	>MAP2K4-S1 ICMELMSTLF	998	817
>MAP2K4-S1 ICMELMSTS	54	>MAP2K4-S1 ICMELMSTLF	221	167
>MAP2K4-S1 ICMELMSTS	242	>MAP2K4-S1 ICMELMSTLF	604	362
>MAP2K4-S1 ICMELMSTS	523	>MAP2K4-S1 ICMELMSTL	25	498
>MAP2K4-S1 WICMELMST	11032	>MAP2K4-S1 WICMELMST	135	10897
>MAP2K4-S1 WICMELMST	6001	>MAP2K4-S1 WICMELMST	190	5811
>MAP2K4-S1 WICMELMST	8059	>MAP2K4-S1 WICMELMST	243	7816
>MAP2K4-S1 WICMELMST	13974	>MAP2K4-S1 WICMELMST	385	13589
>MAP2K4-S1 WICMELMST	14078	>MAP2K4-S1 WICMELMST	98	13980
>MAP2K4-S1 WICMELMST	75	>MAP2K4-S1 WICMELMST	316	241
>MAP2K4-S1 WICMELMST	127	>MAP2K4-S1 WICMELMST	577	450
>MAP2K4-S1 WICMELMST	372	>MAP2K4-S1 WICMELMST	928	556
>MAP2K4-S1 WICMELMST	480	>MAP2K4-S1 WICMELMST	1218	738
>MAP2K4-S1 WICMELMST	400	>MAP2K4-S1 WICMELMST	182	218
>MAP2K4-S2 SGQLVDSI	359	>MAP2K4-S2 NGQLVDSI	2254	1895
>MAP2K4-S2 ISGQLVDSIAK	163	>MAP2K4-S2 INGQLVDSIAI	10828	10665

>MAP2K4-S2 ISGQLVDSI	466	>MAP2K4-S2 INGQLVDSI	9689	9223
>MAP2K4-S2 ISGQLVDSI	328	>MAP2K4-S2 INGQLVDSI	16862	16534
>MAP2K4-S2 ISGQLVDSI	81	>MAP2K4-S2 INGQLVDSI	1812	1731
>MAP2K4-S2 GISGQLVDSI	360	>MAP2K4-S2 GINGQLVDSI	1292	932
>MAP2K4-S2 GISGQLVDSI	402	>MAP2K4-S2 GINGQLVDSI	874	472
>MAP2K4-S2 GISGQLVDSI/	650	>MAP2K4-S2 GINGQLVDSI	480	170
>MAP2K4-S2 GISGQLVDSI	767	>MAP2K4-S2 GINGQLVDSI	332	435
>MAP2K4-S2 GISGQLVDSI	510	>MAP2K4-S2 GINGQLVDSI	255	255
>MAP2K4-S2 FGISGQLV	445	>MAP2K4-S2 FGINGQLV	950	505
>MAP2K4-S2 FGISGQLVDS	470	>MAP2K4-S2 FGINGQLVDS	870	400
>MAP2K4-S2 FGISGQLV	120	>MAP2K4-S2 FGINGQLV	101	19
>MAP2K4-S2 FGISGQLVDS	306	>MAP2K4-S2 FGINGQLVDS	238	68
>MAP2K4-S2 FGISGQLV	374	>MAP2K4-S2 FGINGQLV	330	44
>MAP2K4-S2 CDFGISGQL	474	>MAP2K4-S2 CDFGINGQL	756	282
>MAP2K4-S2 CDFGISGQLV	86	>MAP2K4-S2 CDFGINGQLV	116	30
>MAP2K4-S2 KLCDFGISGQ	121	>MAP2K4-S2 KLCDFGINGC	133	12
>MAP2K4-S2 KLCDFGISGQ	17	>MAP2K4-S2 KLCDFGINGC	20	3
>MAP2K4-S2 KLCDFGISGQ	50	>MAP2K4-S2 KLCDFGINGC	90	40
>MAP2K4-S2 KLCDFGISGQ	448	>MAP2K4-S2 KLCDFGINGC	687	239
>MAP2K4-S2 KLCDFGISG	360	>MAP2K4-S2 KLCDFGING	681	321
>MAP2K4-S2 KLCDFGISGQ	192	>MAP2K4-S2 KLCDFGINGC	385	193
>MAP2K4-S2 KLCDFGISGQ	7	>MAP2K4-S2 KLCDFGINGC	10	3
>MAP2K4-S2 KLCDFGISGQ	324	>MAP2K4-S2 KLCDFGINGC	558	234
>MAP2K4-S2 KLCDFGISGQ	134	>MAP2K4-S2 KLCDFGINGC	209	75
>MAP2K4-S2 KLCDFGISGQ	423	>MAP2K4-S2 KLCDFGINGC	802	379
>MAP2K4-S2 KLCDFGISGQ	51	>MAP2K4-S2 KLCDFGINGC	115	64
>MAP2K4-S2 KLCDFGISGQ	6	>MAP2K4-S2 KLCDFGINGC	8	2
>MAP2K4-S2 KLCDFGISGQ	452	>MAP2K4-S2 KLCDFGINGC	696	244
>MDM2-M4 <sup>!</sup> MACFTCAK	32	>MDM2-M4 <sup>!</sup> IACFTCAK	83	51
>MDM2-M4 <sup>!</sup> MACFTCAKK	58	>MDM2-M4 <sup>!</sup> IACFTCAKK	169	111
>MDM2-M4 <sup>!</sup> MACFTCAKKI	111	>MDM2-M4 <sup>!</sup> IACFTCAKKLk	289	178
>MDM2-M4 <sup>!</sup> MACFTCAK	50	>MDM2-M4 <sup>!</sup> IACFTCAK	316	266
>MDM2-M4 <sup>!</sup> MACFTCAKK	158	>MDM2-M4 <sup>!</sup> IACFTCAKK	880	722
>MDM2-M4 <sup>!</sup> MACFTCAKKI	137	>MDM2-M4 <sup>!</sup> IACFTCAKKLk	838	701
>MDM2-M4 <sup>!</sup> MACFTCAK	260	>MDM2-M4 <sup>!</sup> IACFTCAK	1214	954
>MDM2-M4 <sup>!</sup> MACFTCAKK	463	>MDM2-M4 <sup>!</sup> IACFTCAKK	2349	1886
>MDM2-M4 <sup>!</sup> MACFTCAK	10	>MDM2-M4 <sup>!</sup> IACFTCAK	69	59
>MDM2-M4 <sup>!</sup> MACFTCAKK	7	>MDM2-M4 <sup>!</sup> IACFTCAKK	38	31
>MDM2-M4 <sup>!</sup> MACFTCAKKI	16	>MDM2-M4 <sup>!</sup> IACFTCAKKLk	132	116
>MDM2-M4 <sup>!</sup> MACFTCAKKI	62	>MDM2-M4 <sup>!</sup> IACFTCAKKL	72	10
>MDM2-M4 <sup>!</sup> LMACFTCA	41	>MDM2-M4 <sup>!</sup> LIACFTCA	772	731
>MDM2-M4 <sup>!</sup> LMACFTCAKk	205	>MDM2-M4 <sup>!</sup> LIACFTCAKKL	2120	1915
>MDM2-M4 <sup>!</sup> LMACFTCA	9	>MDM2-M4 <sup>!</sup> LIACFTCA	66	57

>MDM2-M4 <sup>ε</sup> LMACFTCAK†	14	>MDM2-M4 <sup>ε</sup> LIACFTCAKKL	86	72
>MDM2-M4 <sup>ε</sup> LMACFTCA	10	>MDM2-M4 <sup>ε</sup> LIACFTCA	101	91
>MDM2-M4 <sup>ε</sup> LMACFTCAK†	26	>MDM2-M4 <sup>ε</sup> LIACFTCAKKL	293	267
>MDM2-M4 <sup>ε</sup> LMACFTCA	89	>MDM2-M4 <sup>ε</sup> LIACFTCA	201	112
>MDM2-M4 <sup>ε</sup> LMACFTCA	79	>MDM2-M4 <sup>ε</sup> LIACFTCA	2453	2374
>MDM2-M4 <sup>ε</sup> LMACFTCAK†	38	>MDM2-M4 <sup>ε</sup> LIACFTCAKKL	909	871
>MDM2-M4 <sup>ε</sup> LMACFTCA	76	>MDM2-M4 <sup>ε</sup> LIACFTCA	4430	4354
>MDM2-M4 <sup>ε</sup> LMACFTCAK†	53	>MDM2-M4 <sup>ε</sup> LIACFTCAKKL	2461	2408
>MDM2-M4 <sup>ε</sup> LMACFTCA	96	>MDM2-M4 <sup>ε</sup> LIACFTCA	3007	2911
>MDM2-M4 <sup>ε</sup> LMACFTCAK†	225	>MDM2-M4 <sup>ε</sup> LIACFTCAKKL	4535	4310
>MDM2-M4 <sup>ε</sup> LMACFTCA	124	>MDM2-M4 <sup>ε</sup> LIACFTCA	5084	4960
>MDM2-M4 <sup>ε</sup> LMACFTCAK†	58	>MDM2-M4 <sup>ε</sup> LIACFTCAKKL	1939	1881
>MDM2-M4 <sup>ε</sup> LMACFTCA	36	>MDM2-M4 <sup>ε</sup> LIACFTCA	1570	1534
>MDM2-M4 <sup>ε</sup> LMACFTCAK†	19	>MDM2-M4 <sup>ε</sup> LIACFTCAKKL	528	509
>MDM2-M4 <sup>ε</sup> LMACFTCAK	70	>MDM2-M4 <sup>ε</sup> LIACFTCAK	153	83
>MDM2-M4 <sup>ε</sup> LMACFTCAK†	25	>MDM2-M4 <sup>ε</sup> LIACFTCAKK	34	9
>MDM2-M4 <sup>ε</sup> LMACFTCAK	31	>MDM2-M4 <sup>ε</sup> LIACFTCAK	41	10
>MDM2-M4 <sup>ε</sup> LMACFTCAK†	40	>MDM2-M4 <sup>ε</sup> LIACFTCAKK	36	4
>MDM2-M4 <sup>ε</sup> LMACFTCAK	485	>MDM2-M4 <sup>ε</sup> LIACFTCAK	332	153
>MDM2-M4 <sup>ε</sup> LMACFTCAK	415	>MDM2-M4 <sup>ε</sup> LIACFTCAK	2152	1737
>MDM2-M4 <sup>ε</sup> LMACFTCAK†	390	>MDM2-M4 <sup>ε</sup> LIACFTCAKK	676	286
>MDM2-M4 <sup>ε</sup> LMACFTCAK	50	>MDM2-M4 <sup>ε</sup> LIACFTCAK	23	27
>MDM2-M4 <sup>ε</sup> LMACFTCAK†	27	>MDM2-M4 <sup>ε</sup> LIACFTCAKK	14	13
>MDM2-M4 <sup>ε</sup> LMACFTCA	2043	>MDM2-M4 <sup>ε</sup> LIACFTCA	315	1728
>MDM2-M4 <sup>ε</sup> LMACFTCA	489	>MDM2-M4 <sup>ε</sup> LIACFTCA	4772	4283
>MDM2-M4 <sup>ε</sup> LMACFTCA	271	>MDM2-M4 <sup>ε</sup> LIACFTCA	6018	5747
>MDM2-M4 <sup>ε</sup> LMACFTCAK	106	>MDM2-M4 <sup>ε</sup> LIACFTCAK	2282	2176
>MDM2-M4 <sup>ε</sup> LMACFTCAK†	61	>MDM2-M4 <sup>ε</sup> LIACFTCAKKL	1679	1618
>MDM2-M4 <sup>ε</sup> LMACFTCAK†	255	>MDM2-M4 <sup>ε</sup> LIACFTCAKK	1109	854
>MDM2-M4 <sup>ε</sup> LMACFTCAK	130	>MDM2-M4 <sup>ε</sup> LIACFTCAK	187	57
>MDM2-M4 <sup>ε</sup> HLMACFTC	391	>MDM2-M4 <sup>ε</sup> HLIACFTC	1866	1475
>MDM2-M4 <sup>ε</sup> HLMACFTCA	17	>MDM2-M4 <sup>ε</sup> HLIACFTCA	51	34
>MDM2-M4 <sup>ε</sup> HLMACFTC	220	>MDM2-M4 <sup>ε</sup> HLIACFTC	807	587
>MDM2-M4 <sup>ε</sup> HLMACFTCA	5	>MDM2-M4 <sup>ε</sup> HLIACFTCA	13	8
>MDM2-M4 <sup>ε</sup> HLMACFTCA	14	>MDM2-M4 <sup>ε</sup> HLIACFTCA	29	15
>MDM2-M4 <sup>ε</sup> HLMACFTC	132	>MDM2-M4 <sup>ε</sup> HLIACFTC	285	153
>MDM2-M4 <sup>ε</sup> HLMACFTCA	16	>MDM2-M4 <sup>ε</sup> HLIACFTCA	27	11
>MDM2-M4 <sup>ε</sup> HLMACFTC	287	>MDM2-M4 <sup>ε</sup> HLIACFTC	591	304
>MDM2-M4 <sup>ε</sup> HLMACFTC	66	>MDM2-M4 <sup>ε</sup> HLIACFTC	146	80
>MDM2-M4 <sup>ε</sup> HLMACFTCA	101	>MDM2-M4 <sup>ε</sup> HLIACFTCA	263	162
>MDM2-M4 <sup>ε</sup> HLMACFTC	118	>MDM2-M4 <sup>ε</sup> HLIACFTC	4369	4251
>MDM2-M4 <sup>ε</sup> HLMACFTCA	130	>MDM2-M4 <sup>ε</sup> HLIACFTCA	6780	6650
>MDM2-M4 <sup>ε</sup> HLMACFTC	27	>MDM2-M4 <sup>ε</sup> HLIACFTC	44	17

>MDM2-M4 <sup>!</sup> HLMACFTCA	40	>MDM2-M4 <sup>!</sup> HLIACFTCA	72	32
>MDM2-M4 <sup>!</sup> HLMACFTCAI	16	>MDM2-M4 <sup>!</sup> HLIACFTCAK	32	16
>MDM2-M4 <sup>!</sup> HLMACFTCAI	29	>MDM2-M4 <sup>!</sup> HLIACFTCAK†	51	22
>MDM2-M4 <sup>!</sup> HLMACFTCAI	33	>MDM2-M4 <sup>!</sup> HLIACFTCAK	78	45
>MDM2-M4 <sup>!</sup> HLMACFTCAI	51	>MDM2-M4 <sup>!</sup> HLIACFTCAK†	194	143
>MDM2-M4 <sup>!</sup> HLMACFTCAI	93	>MDM2-M4 <sup>!</sup> HLIACFTCAK	237	144
>MDM2-M4 <sup>!</sup> HLMACFTCAI	373	>MDM2-M4 <sup>!</sup> HLIACFTCAK†	1034	661
>MDM2-M4 <sup>!</sup> HLMACFTCAI	84	>MDM2-M4 <sup>!</sup> HLIACFTCAK	242	158
>MDM2-M4 <sup>!</sup> HLMACFTCAI	184	>MDM2-M4 <sup>!</sup> HLIACFTCAK†	439	255
>MDM2-M4 <sup>!</sup> HLMACFTCAI	25	>MDM2-M4 <sup>!</sup> HLIACFTCAK	27	2
>MDM2-M4 <sup>!</sup> HLMACFTCAI	107	>MDM2-M4 <sup>!</sup> HLIACFTCAK†	91	16
>MDM2-M4 <sup>!</sup> HLMACFTCA	226	>MDM2-M4 <sup>!</sup> HLIACFTCA	426	200
>MDM2-M4 <sup>!</sup> HLMACFTCA	471	>MDM2-M4 <sup>!</sup> HLIACFTCA	2194	1723
>MDM2-M4 <sup>!</sup> HLMACFTCAI	91	>MDM2-M4 <sup>!</sup> HLIACFTCAK	205	114
>MDM2-M4 <sup>!</sup> HLMACFTCAI	39	>MDM2-M4 <sup>!</sup> HLIACFTCAK	52	13
>MDM2-M4 <sup>!</sup> HLMACFTCAI	280	>MDM2-M4 <sup>!</sup> HLIACFTCAK†	387	107
>MDM2-M4 <sup>!</sup> KTGHLMACF	55	>MDM2-M4 <sup>!</sup> KTGHLIACF	410	355
>MDM2-M4 <sup>!</sup> KTGHLMACF	151	>MDM2-M4 <sup>!</sup> KTGHLIACF	110	41
>MDM2-M4 <sup>!</sup> KTGHLMACF	427	>MDM2-M4 <sup>!</sup> KTGHLIACF	317	110
>MDM2-M4 <sup>!</sup> KTGHLMACF	348	>MDM2-M4 <sup>!</sup> KTGHLIACF	245	103
>MDM2-M4 <sup>!</sup> KTGHLMACF	8	>MDM2-M4 <sup>!</sup> KTGHLIACF	17	9
>MDM2-M4 <sup>!</sup> KTGHLMACF	88	>MDM2-M4 <sup>!</sup> KTGHLIACF	58	30
>MDM2-M4 <sup>!</sup> KTGHLMACF	66	>MDM2-M4 <sup>!</sup> KTGHLIACF	212	146
>MDM2-M4 <sup>!</sup> GKTGHLMAC	100	>MDM2-M4 <sup>!</sup> GKTGHLIACF	114	14
>MDM2-M4 <sup>!</sup> HGKTGHLM	475	>MDM2-M4 <sup>!</sup> HGKTGHLI	157	318
>MDM2-M4 <sup>!</sup> HGKTGHLM	57	>MDM2-M4 <sup>!</sup> HGKTGHLIA	40	17
>MDM2-M4 <sup>!</sup> IVHGKTGHLM	275	>MDM2-M4 <sup>!</sup> IVHGKTGHLI	8152	7877
>MDM2-M4 <sup>!</sup> IVHGKTGHLM	546	>MDM2-M4 <sup>!</sup> IVHGKTGHLI	181	365
>MDM2-M4 <sup>!</sup> IVHGKTGHLM	116	>MDM2-M4 <sup>!</sup> IVHGKTGHLI/	87	29
>MDM2-W3 <sup>;</sup> NWLPEDKGK	101	>MDM2-W3 <sup>;</sup> NGLPEDKGK	5627	5526
>MDM2-W3 <sup>;</sup> NWLPEDKGK	443	>MDM2-W3 <sup>;</sup> NGLPEDKGKI	10925	10482
>MDM2-W3 <sup>;</sup> ALRENWLPEI	364	>MDM2-W3 <sup>;</sup> ALRENGLPED	428	64
>MDM2-W3 <sup>;</sup> ALRENWLPE	244	>MDM2-W3 <sup>;</sup> ALRENGLPE	1269	1025
>MDM2-W3 <sup>;</sup> ALRENWLPEI	56	>MDM2-W3 <sup>;</sup> ALRENGLPED	84	28
>MDM2-W3 <sup>;</sup> CWALRENWI	510	>MDM2-W3 <sup>;</sup> CWALRENGL	198	312
>MDM2-W3 <sup>;</sup> CWALRENW	347	>MDM2-W3 <sup>;</sup> CWALRENG	11622	11275
>MDM2-W3 <sup>;</sup> CWALRENWI	290	>MDM2-W3 <sup>;</sup> CWALRENGL	673	383
>MDM2-W3 <sup>;</sup> CWALRENWI	473	>MDM2-W3 <sup>;</sup> CWALRENGL	360	113
>MDM2-W3 <sup>;</sup> RCWALRENV	104	>MDM2-W3 <sup>;</sup> RCWALRENG	7311	7207
>MDM2-W3 <sup>;</sup> RCWALRENV	290	>MDM2-W3 <sup>;</sup> RCWALRENG	24434	24144
>MDM2-W3 <sup>;</sup> RCWALRENV	103	>MDM2-W3 <sup>;</sup> RCWALRENG	21969	21866
>MDM2-W3 <sup>;</sup> NRCWALREN	44	>MDM2-W3 <sup>;</sup> NRCWALREN	50	6
>MDM2-W3 <sup>;</sup> NRCWALREN	316	>MDM2-W3 <sup>;</sup> NRCWALREN	28861	28545



>MDM2-Y28 YQAGESDTD	490	>MDM2-Y28 HQAGESDTD	2985	2495
>MDM2-Y28 YQAGESDTD	21	>MDM2-Y28 HQAGESDTD	386	365
>MDM2-Y28 YQAGESDTD	380	>MDM2-Y28 HQAGESDTD	1443	1063
>MDM2-Y28 YQAGESDTD	1055	>MDM2-Y28 HQAGESDTD	398	657
>MDM2-Y28 YQAGESDTD	37	>MDM2-Y28 HQAGESDTD	62	25
>MDM2-Y28 YQAGESDTD	86	>MDM2-Y28 HQAGESDTD	182	96
>MDM2-Y28 YQAGESDTD	7	>MDM2-Y28 HQAGESDTD	26	19
>MDM2-Y28 YQAGESDTD	105	>MDM2-Y28 HQAGESDTD	198	93
>MDM2-Y28 YQAGESDTD	258	>MDM2-Y28 HQAGESDTD	409	151
>MDM2-Y28 YQAGESDTD	733	>MDM2-Y28 HQAGESDTD	232	501
>MDM2-Y28 VYQAGESDT	353	>MDM2-Y28 VHQAGESDT	18388	18035
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>MDM2-Y28 YQVTVYQA	139	>MDM2-Y28 YQVTVHQA	338	199
>MDM2-Y28 YQVTVYQA	84	>MDM2-Y28 YQVTVHQA	115	31
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>MDM2-Y28 YQVTVYQAG	678	>MDM2-Y28 YQVTVHQAG	415	263
>MDM2-Y28 YQVTVYQA	205	>MDM2-Y28 YQVTVHQA	276	71
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>MDM2-Y28 EVYQVTVY	14	>MDM2-Y28 EVYQVTVH	1430	1416
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>MDM2-Y28 EVYQVTVYQ	478	>MDM2-Y28 EVYQVTVHQ	409	69
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>MDM2-Y28 EVYQVTVYQ	132	>MDM2-Y28 EVYQVTVHQ	801	669
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>MDM2-Y28 EVYQVTVY	397	>MDM2-Y28 EVYQVTVH	17628	17231
>MDM2-Y28 EVYQVTVY	35	>MDM2-Y28 EVYQVTVH	1111	1076
>MDM2-Y28 EVYQVTVY	109	>MDM2-Y28 EVYQVTVH	28565	28456
>MDM2-Y28 DEVYQVTVY	246	>MDM2-Y28 DEVYQVTVH	16462	16216
>MDM2-Y28 DEVYQVTVY	7	>MDM2-Y28 DEVYQVTVH	87	80
>MDM2-Y28 DEVYQVTVY	77	>MDM2-Y28 DEVYQVTVH	68	9
>MDM4-S36' SAPVVRPK	294	>MDM4-S36' LAPVVRPK	2255	1961
>MDM4-S36' SAPVVRPKDA	783	>MDM4-S36' LAPVVRPKDA	152	631

>MDM4-S36' ISAPVVRPKD,	6010	>MDM4-S36' ILAPVVRPKD,	32	5978
>MDM4-S36' ISAPVVRPKD,	20193	>MDM4-S36' ILAPVVRPKD,	290	19903
>MDM4-S36' ISAPVVRPKD,	23947	>MDM4-S36' ILAPVVRPKD,	454	23493
>MDM4-S36' ISAPVVRPKD,	32109	>MDM4-S36' ILAPVVRPKD,	80	32029
>MDM4-S36' ISAPVVRPK	132	>MDM4-S36' ILAPVVRPK	44	88
>MDM4-S36' ISAPVVRPK	23	>MDM4-S36' ILAPVVRPK	65	42
>MDM4-S36' ISAPVVRPK	241	>MDM4-S36' ILAPVVRPK	1664	1423
>MDM4-S36' ISAPVVRPK	109	>MDM4-S36' ILAPVVRPK	520	411
>MDM4-S36' ISAPVVRPK	380	>MDM4-S36' ILAPVVRPK	6784	6404
>MDM4-S36' TISAPVVRPK	56	>MDM4-S36' TILAPVVRPK	39	17
>MDM4-S36' TISAPVVR	341	>MDM4-S36' TILAPVVR	285	56
>MDM4-S36' TISAPVVRPK	21	>MDM4-S36' TILAPVVRPK	29	8
>MDM4-S36' TISAPVVRPK	817	>MDM4-S36' TILAPVVRPK	271	546
>MDM4-S36' TISAPVVR	438	>MDM4-S36' TILAPVVR	156	282
>MDM4-S36' TISAPVVR	28	>MDM4-S36' TILAPVVR	94	66
>MDM4-S36' TISAPVVRPK	33	>MDM4-S36' TILAPVVRPK	118	85
>MDM4-S36' TISAPVVR	178	>MDM4-S36' TILAPVVR	81	97
>MDM4-S36' RTISAPVV	321	>MDM4-S36' RTILAPVV	997	676
>MDM4-S36' RTISAPVV	120	>MDM4-S36' RTILAPVV	148	28
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>MDM4-S36' RTISAPVV	474	>MDM4-S36' RTILAPVV	1628	1154
>MDM4-S36' RTISAPVVRPI	102	>MDM4-S36' RTILAPVVRPI	186	84
>MDM4-S36' RTISAPVVR	176	>MDM4-S36' RTILAPVVR	246	70
>MDM4-S36' RTISAPVVRPI	17	>MDM4-S36' RTILAPVVRPI	19	2
>MDM4-S36' RTISAPVV	104	>MDM4-S36' RTILAPVV	176	72
>MDM4-S36' RTISAPVVR	337	>MDM4-S36' RTILAPVVR	482	145
>MDM4-S36' RTISAPVVRPI	6	>MDM4-S36' RTILAPVVRPI	6	0
>MDM4-S36' RTISAPVVR	13	>MDM4-S36' RTILAPVVR	24	11
>MDM4-S36' RTISAPVVRPI	60	>MDM4-S36' RTILAPVVRPI	142	82
>MDM4-S36' RTISAPVV	390	>MDM4-S36' RTILAPVV	415	25
>MDM4-S36' RTISAPVVR	35	>MDM4-S36' RTILAPVVR	75	40
>MDM4-S36' RTISAPVVRPI	155	>MDM4-S36' RTILAPVVRPI	350	195
>MDM4-S36' RTISAPVV	249	>MDM4-S36' RTILAPVV	680	431
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>MDM4-S36' RTISAPVV	27	>MDM4-S36' RTILAPVV	27	0
>MDM4-S36' RTISAPVV	249	>MDM4-S36' RTILAPVV	458	209
>MDM4-S36' RTISAPVVRPI	446	>MDM4-S36' RTILAPVVRPI	696	250
>MDM4-S36' RTISAPVVR	95	>MDM4-S36' RTILAPVVR	81	14
>MDM4-S36' RTISAPVV	432	>MDM4-S36' RTILAPVV	818	386
>MDM4-S36' RRTISAPV	334	>MDM4-S36' RRTILAPV	1084	750
>MDM4-S36' RRTISAPVV	326	>MDM4-S36' RRTILAPVV	1340	1014
>MDM4-S36' RRTISAPV	77	>MDM4-S36' RRTILAPV	32	45
>MDM4-S36' RRTISAPVV	243	>MDM4-S36' RRTILAPVV	59	184

>MDM4-S36` RRTISAPVVR	20	>MDM4-S36` RRTILAPVVR	16	4
>MDM4-S36` RRTISAPVVRI	1063	>MDM4-S36` RRTILAPVVRI	423	640
>MDM4-S36` RRTISAPV	22	>MDM4-S36` RRTILAPV	11	11
>MDM4-S36` RRTISAPVV	80	>MDM4-S36` RRTILAPVV	35	45
>MDM4-S36` RRTISAPVVR	97	>MDM4-S36` RRTILAPVVR	84	13
>MDM4-S36` RRTISAPVVRI	598	>MDM4-S36` RRTILAPVVRI	257	341
>MDM4-S36` RRTISAPV	197	>MDM4-S36` RRTILAPV	38	159
>MDM4-S36` RRTISAPVV	142	>MDM4-S36` RRTILAPVV	34	108
>MDM4-S36` RRTISAPVVR	54	>MDM4-S36` RRTILAPVVR	36	18
>MDM4-S36` RRTISAPVVR	282	>MDM4-S36` RRTILAPVVR	137	145
>MDM4-S36` CRRTISAPV	399	>MDM4-S36` CRRTILAPV	797	398
>MDM4-S36` CRRTISAPVV	457	>MDM4-S36` CRRTILAPVV	1063	606
>MDM4-S36` CRRTISAPVV	567	>MDM4-S36` CRRTILAPVV	349	218
>MDM4-S36` CRRTISAPVV	579	>MDM4-S36` CRRTILAPVV	297	282
>MDM4-S36` CRRTISAPVVI	413	>MDM4-S36` CRRTILAPVVI	540	127
>MDM4-S36` PDCRRTISAPV	516	>MDM4-S36` PDCRRTILAPV	471	45
>MDM4-S36` VPDCRRTIS	39605	>MDM4-S36` VPDCRRTIL	481	39124
>MDM4-S36` VPDCRRTIS	5706	>MDM4-S36` VPDCRRTIL	17	5689
>MDM4-S36` VPDCRRTIS	10112	>MDM4-S36` VPDCRRTIL	411	9701
>MDM4-S36` VPDCRRTISA	88	>MDM4-S36` VPDCRRTILA	103	15
>MDM4-S36` DVPDCRRTIS	184	>MDM4-S36` DVPDCRRTIL	153	31
>MDM4-T16` TSEHKCIHSR	274	>MDM4-T16` SSEHKCIHSR	120	154
>MDM4-T16` TSEHKCIHSR	528	>MDM4-T16` SSEHKCIHSR	207	321
>MDM4-T16` LPTSEHKCIH	375	>MDM4-T16` LPSSEHKCIH	480	105
>MDM4-T16` LPTSEHKCI	152	>MDM4-T16` LPSSEHKCI	129	23
>MDM4-T16` TLPTSEHKC	173	>MDM4-T16` TLPSEHKC	79	94
>MDM4-T16` TLPTSEHKCI	543	>MDM4-T16` TLPSEHKCI	356	187
>MDM4-T16` PTLPTSEHK	351	>MDM4-T16` PTLPSSEHK	476	125
>MDM4-T16` PTLPTSEHKCI	234	>MDM4-T16` PTLPSSEHKCI	246	12
>MDM4-T16` IPTLPTSEH	119	>MDM4-T16` IPTLPSSEH	137	18
>MDS2-S49G` SCSVLNSSPAI	145	>MDS2-S49G` GCSVLNSSPA	143	2
>MDS2-S49G` RLSCSVLNS	246	>MDS2-S49G` RLGCSVLNS	1922	1676
>MDS2-S49G` QRLSCSVL	62	>MDS2-S49G` QRLGCSVL	398	336
>MDS2-S49G` QRLSCSVL	591	>MDS2-S49G` QRLGCSVL	450	141
>MDS2-S49G` QRLSCSVL	53	>MDS2-S49G` QRLGCSVL	47	6
>MDS2-S49G` LQRLSCSV	217	>MDS2-S49G` LQRLGCSV	284	67
>MDS2-S49G` LQRLSCSV	150	>MDS2-S49G` LQRLGCSV	145	5
>MDS2-S49G` LQRLSCSV	352	>MDS2-S49G` LQRLGCSV	1046	694
>MDS2-S49G` LQRLSCSV	108	>MDS2-S49G` LQRLGCSV	126	18
>MDS2-S49G` LQRLSCSVL	44	>MDS2-S49G` LQRLGCSVL	47	3
>MDS2-S49G` LQRLSCSV	31	>MDS2-S49G` LQRLGCSV	76	45
>MDS2-S49G` LQRLSCSVL	10	>MDS2-S49G` LQRLGCSVL	26	16
>MDS2-S49G` LQRLSCSVLN	351	>MDS2-S49G` LQRLGCSVLN	1167	816

>MDS2-S49G LQRLSCSVL	422	>MDS2-S49G LQRLGCSVL	295	127
>MDS2-S49G RLQRLSCSV	86	>MDS2-S49G RLQRLGCSV	429	343
>MDS2-S49G RLQRLSCSV	74	>MDS2-S49G RLQRLGCSV	301	227
>MDS2-S49G RLQRLSCSVL	486	>MDS2-S49G RLQRLGCSVL	655	169
>MDS2-S49G RLQRLSCSV	26	>MDS2-S49G RLQRLGCSV	52	26
>MDS2-S49G RLQRLSCSVL	183	>MDS2-S49G RLQRLGCSVL	186	3
>MDS2-S49G RLQRLSCSV	165	>MDS2-S49G RLQRLGCSV	418	253
>MDS2-S49G RLQRLSCSV	3	>MDS2-S49G RLQRLGCSV	4	1
>MDS2-S49G RLQRLSCSVL	195	>MDS2-S49G RLQRLGCSVL	186	9
>MDS2-S49G RLQRLSCSV	5	>MDS2-S49G RLQRLGCSV	8	3
>MDS2-S49G RLQRLSCSVL	114	>MDS2-S49G RLQRLGCSVL	187	73
>MDS2-S49G RLQRLSCSV	13	>MDS2-S49G RLQRLGCSV	15	2
>MDS2-S49G RLQRLSCSV	17	>MDS2-S49G RLQRLGCSV	94	77
>MDS2-S49G RLQRLSCSV	2	>MDS2-S49G RLQRLGCSV	3	1
>MDS2-S49G RLQRLSCSVL	27	>MDS2-S49G RLQRLGCSVL	27	0
>MDS2-S49G RLQRLSCSV	271	>MDS2-S49G RLQRLGCSV	1274	1003
>MDS2-S49G RLQRLSCSV	136	>MDS2-S49G RLQRLGCSV	631	495
>MDS2-S49G RLQRLSCSVL	396	>MDS2-S49G RLQRLGCSVL	796	400
>MDS2-S49G RLQRLSCSV	187	>MDS2-S49G RLQRLGCSV	286	99
>MDS2-S49G RLQRLSCSVL	131	>MDS2-S49G RLQRLGCSVL	162	31
>MDS2-S49G RLQRLSCSVL	318	>MDS2-S49G RLQRLGCSVL	547	229
>MDS2-S49G TRLQRLSCSVI	454	>MDS2-S49G TRLQRLGCSV	1248	794
>MDS2-S49G TRLQRLSCSVI	46	>MDS2-S49G TRLQRLGCSV	73	27
>MDS2-S49G TRLQRLSCSVI	296	>MDS2-S49G TRLQRLGCSV	310	14
>MDS2-S49G TRLQRLSCSVI	35	>MDS2-S49G TRLQRLGCSV	37	2
>MDS2-S49G PTRLQRLSCSVI	21	>MDS2-S49G PTRLQRLGCS	47	26
>MDS2-S49G LPTRLQRLS	336	>MDS2-S49G LPTRLQRLG	483	147
>MDS2-S49G KLPTRLQRLS	305	>MDS2-S49G KLPTRLQRLG	419	114
>MDS2-S49R SCSVLNSSPAI	2377	>MDS2-S49R RCSVLNSSPA	457	1920
>MDS2-S49R SCSVLNSSPAI	145	>MDS2-S49R RCSVLNSSPA	111	34
>MDS2-S49R RLSCSVLNS	246	>MDS2-S49R RLRCSVLNS	720	474
>MDS2-S49R RLSCSVLN	8820	>MDS2-S49R RLRCSVLN	126	8694
>MDS2-S49R RLSCSVLNS	3337	>MDS2-S49R RLRCSVLNS	17	3320
>MDS2-S49R RLSCSVLNSS	4271	>MDS2-S49R RLRCSVLNSS	24	4247
>MDS2-S49R RLSCSVLNSSF	7027	>MDS2-S49R RLRCSVLNSSI	68	6959
>MDS2-S49R RLSCSVLNSSF	988	>MDS2-S49R RLRCSVLNSSI	464	524
>MDS2-S49R QRLSCSVL	62	>MDS2-S49R QRLRCSVL	145	83
>MDS2-S49R QRLSCSVL	591	>MDS2-S49R QRLRCSVL	360	231
>MDS2-S49R QRLSCSVL	53	>MDS2-S49R QRLRCSVL	193	140
>MDS2-S49R LQRLSCSV	217	>MDS2-S49R LQRLRCSV	532	315
>MDS2-S49R LQRLSCSV	150	>MDS2-S49R LQRLRCSV	404	254
>MDS2-S49R LQRLSCSV	352	>MDS2-S49R LQRLRCSV	375	23
>MDS2-S49R LQRLSCSV	3240	>MDS2-S49R LQRLRCSV	232	3008

>MDS2-S49R LQRLSCSVL	2920	>MDS2-S49R LQRLRCSVL	58	2862
>MDS2-S49R LQRLSCSV	108	>MDS2-S49R LQRLRCSV	263	155
>MDS2-S49R LQRLSCSVL	44	>MDS2-S49R LQRLRCSVL	73	29
>MDS2-S49R LQRLSCSV	31	>MDS2-S49R LQRLRCSV	115	84
>MDS2-S49R LQRLSCSVL	10	>MDS2-S49R LQRLRCSVL	33	23
>MDS2-S49R LQRLSCSVLN:	351	>MDS2-S49R LQRLRCSVLN	1210	859
>MDS2-S49R LQRLSCSVL	422	>MDS2-S49R LQRLRCSVL	798	376
>MDS2-S49R RLQRLSCSV	86	>MDS2-S49R RLQRLRCSV	819	733
>MDS2-S49R RLQRLSCSV	74	>MDS2-S49R RLQRLRCSV	545	471
>MDS2-S49R RLQRLSCSVL	486	>MDS2-S49R RLQRLRCSVL	994	508
>MDS2-S49R RLQRLSCSV	26	>MDS2-S49R RLQRLRCSV	195	169
>MDS2-S49R RLQRLSCSVL	183	>MDS2-S49R RLQRLRCSVL	368	185
>MDS2-S49R RLQRLSCSV	165	>MDS2-S49R RLQRLRCSV	939	774
>MDS2-S49R RLQRLSCSV	3	>MDS2-S49R RLQRLRCSV	14	11
>MDS2-S49R RLQRLSCSVL	195	>MDS2-S49R RLQRLRCSVL	793	598
>MDS2-S49R RLQRLSCSV	5	>MDS2-S49R RLQRLRCSV	49	44
>MDS2-S49R RLQRLSCSVL	114	>MDS2-S49R RLQRLRCSVL	913	799
>MDS2-S49R RLQRLSCSV	13	>MDS2-S49R RLQRLRCSV	44	31
>MDS2-S49R RLQRLSCSV	17	>MDS2-S49R RLQRLRCSV	682	665
>MDS2-S49R RLQRLSCSV	2	>MDS2-S49R RLQRLRCSV	3	1
>MDS2-S49R RLQRLSCSVL	27	>MDS2-S49R RLQRLRCSVL	35	8
>MDS2-S49R RLQRLSCSV	271	>MDS2-S49R RLQRLRCSV	220	51
>MDS2-S49R RLQRLSCSV	136	>MDS2-S49R RLQRLRCSV	392	256
>MDS2-S49R RLQRLSCSVL	396	>MDS2-S49R RLQRLRCSVL	596	200
>MDS2-S49R RLQRLSCSV	633	>MDS2-S49R RLQRLRCSV	223	410
>MDS2-S49R RLQRLSCSV	187	>MDS2-S49R RLQRLRCSV	758	571
>MDS2-S49R RLQRLSCSVL	131	>MDS2-S49R RLQRLRCSVL	307	176
>MDS2-S49R RLQRLSCSVL	318	>MDS2-S49R RLQRLRCSVL	744	426
>MDS2-S49R TRLQRLSCSVI	686	>MDS2-S49R TRLQRLRCSV	256	430
>MDS2-S49R TRLQRLSCSVI	454	>MDS2-S49R TRLQRLRCSV	1150	696
>MDS2-S49R TRLQRLSCSVI	640	>MDS2-S49R TRLQRLRCSV	424	216
>MDS2-S49R TRLQRLSCSVI	46	>MDS2-S49R TRLQRLRCSV	109	63
>MDS2-S49R TRLQRLSCSVI	296	>MDS2-S49R TRLQRLRCSV	237	59
>MDS2-S49R TRLQRLSCSVI	35	>MDS2-S49R TRLQRLRCSV	22	13
>MDS2-S49R PTRLQRLS	842	>MDS2-S49R PTRLQRLR	289	553
>MDS2-S49R PTRLQRLSCSV	21	>MDS2-S49R PTRLQRLRCSV	24	3
>MDS2-S49R PTRLQRLS	31166	>MDS2-S49R PTRLQRLR	415	30751
>MDS2-S49R LPTRLQRLS	336	>MDS2-S49R LPTRLQRLR	1602	1266
>MDS2-S49R KLPTRLQRLSCSV	305	>MDS2-S49R KLPTRLQRLRCSV	334	29
>MDS2-S49R KLPTRLQRLS	16365	>MDS2-S49R KLPTRLQRLR	29	16336
>MDS2-S49R KLPTRLQRLS	18844	>MDS2-S49R KLPTRLQRLR	132	18712
>MDS2-S49R KLPTRLQRLS	22552	>MDS2-S49R KLPTRLQRLR	94	22458
>MECOM-D9 DDYEETSALE	1679	>MECOM-D9 NDYEETSALE	384	1295

>MECOM-D9 DDYEETSAL	2837	>MECOM-D9 NDYEETSAL	187	2650
>MECOM-D9 DDYEETSAL	41	>MECOM-D9 NDYEETSAL	141	100
>MECOM-D9 PEDDYEETSA	284	>MECOM-D9 PENDYEETSA	507	223
>MECOM-D9 NLHEGNPEDI	1748	>MECOM-D9 NLHEGNPENI	349	1399
>MECOM-D9 NLHEGNPEDI	659	>MECOM-D9 NLHEGNPENI	334	325
>MECOM-D9 NLHEGNPEDI	55	>MECOM-D9 NLHEGNPENI	47	8
>MECOM-M; MFSTTSSL	419	>MECOM-M; IFSTTSSL	175	244
>MECOM-M; MFSTTSSL	103	>MECOM-M; IFSTTSSL	642	539
>MECOM-M; MFSTTSSLNK	52	>MECOM-M; IFSTTSSLNK	58	6
>MECOM-M; MFSTTSSLNK	39	>MECOM-M; IFSTTSSLNK	58	19
>MECOM-M; MFSTTSSL	132	>MECOM-M; IFSTTSSL	1025	893
>MECOM-M; MFSTTSSLNK	17	>MECOM-M; IFSTTSSLNK	102	85
>MECOM-M; MFSTTSSLNK	179	>MECOM-M; IFSTTSSLNK	499	320
>MECOM-M; MFSTTSSLNK	49	>MECOM-M; IFSTTSSLNK	338	289
>MECOM-M; MFSTTSSLNK	434	>MECOM-M; IFSTTSSLNK	479	45
>MECOM-M; MFSTTSSL	93	>MECOM-M; IFSTTSSL	634	541
>MECOM-M; QMFSTTSSL	158	>MECOM-M; QIFSTTSSL	529	371
>MECOM-M; QMFSTTSSL	182	>MECOM-M; QIFSTTSSL	366	184
>MECOM-M; QMFSTTSSL	62	>MECOM-M; QIFSTTSSL	1217	1155
>MECOM-M; QMFSTTSSL	9	>MECOM-M; QIFSTTSSL	51	42
>MECOM-M; QMFSTTSS	400	>MECOM-M; QIFSTTSS	4706	4306
>MECOM-M; QMFSTTSSL	8	>MECOM-M; QIFSTTSSL	53	45
>MECOM-M; QMFSTTSSL	254	>MECOM-M; QIFSTTSSL	426	172
>MECOM-M; QMFSTTSSL	7	>MECOM-M; QIFSTTSSL	269	262
>MECOM-M; QMFSTTSSL	22	>MECOM-M; QIFSTTSSL	1639	1617
>MECOM-M; QMFSTTSSL	44	>MECOM-M; QIFSTTSSL	2486	2442
>MECOM-M; QMFSTTSSL	23	>MECOM-M; QIFSTTSSL	2655	2632
>MECOM-M; QMFSTTSSL	5	>MECOM-M; QIFSTTSSL	122	117
>MECOM-M; QMFSTTSSLN	27	>MECOM-M; QIFSTTSSLNK	34	7
>MECOM-M; QMFSTTSSLN	10	>MECOM-M; QIFSTTSSLNK	14	4
>MECOM-M; QMFSTTSSLN	34	>MECOM-M; QIFSTTSSLNK	26	8
>MECOM-M; QMFSTTSSLN	452	>MECOM-M; QIFSTTSSLNK	2248	1796
>MECOM-M; QMFSTTSSL	31	>MECOM-M; QIFSTTSSL	43	12
>MECOM-M; QMFSTTSSLN	69	>MECOM-M; QIFSTTSSLNK	22	47
>MECOM-M; QMFSTTSSL	1414	>MECOM-M; QIFSTTSSL	149	1265
>MECOM-M; QMFSTTSSL	429	>MECOM-M; QIFSTTSSL	160	269
>MECOM-M; QMFSTTSSL	48	>MECOM-M; QIFSTTSSL	328	280
>MECOM-M; QMFSTTSSL	89	>MECOM-M; QIFSTTSSL	819	730
>MECOM-M; QMFSTTSS	97	>MECOM-M; QIFSTTSS	4144	4047
>MECOM-M; QMFSTTSSL	3	>MECOM-M; QIFSTTSSL	33	30
>MECOM-M; QMFSTTSSLN	22	>MECOM-M; QIFSTTSSLNK	1389	1367
>MECOM-M; QMFSTTSSL	24	>MECOM-M; QIFSTTSSL	202	178
>MECOM-M; QMFSTTSSL	91	>MECOM-M; QIFSTTSSL	37	54

>MECOM-M:QMFSTTSSLN	172	>MECOM-M:QIFSTTSSLNK	280	108
>MECOM-M:GQMFSTTSSL	42	>MECOM-M:GQIFSTTSSL	140	98
>MECOM-M:GQMFSTTSSL	65	>MECOM-M:GQIFSTTSSL	201	136
>MECOM-M:GQMFSTTSSL	313	>MECOM-M:GQIFSTTSSL	653	340
>MECOM-M:GQMFSTTSSL	193	>MECOM-M:GQIFSTTSSL	521	328
>MECOM-M:GQMFSTTSSL	54	>MECOM-M:GQIFSTTSSL	57	3
>MECOM-M:GQMFSTTSSL	9	>MECOM-M:GQIFSTTSSL	13	4
>MECOM-M:GQMFSTTSSL	62	>MECOM-M:GQIFSTTSSL	166	104
>MECOM-M:GQMFSTTSSL	78	>MECOM-M:GQIFSTTSSL	171	93
>MECOM-M:CGQMFSTTS	273	>MECOM-M:CGQIFSTTSSL	222	51
>MECOM-M:CKDCGQMF	145	>MECOM-M:CKDCGQIF	137	8
>MECOM-M:KCKDCGQMF	219	>MECOM-M:KCKDCGQIFS	284	65
>MECOM-M:KCKDCGQMF	90	>MECOM-M:KCKDCGQIF	57	33
>MECOM-M:KCKDCGQMF	34	>MECOM-M:KCKDCGQIF	65	31
>MECOM-M:IKCKDCGQM	10	>MECOM-M:IKCKDCGQIF	8	2
>MECOM-M:QIKCKDCGQI	287	>MECOM-M:QIKCKDCGQI	369	82
>MECOM-M:QIKCKDCGQI	436	>MECOM-M:QIKCKDCGQI	314	122
>MECOM-M:MFNFRAPPN	147	>MECOM-M:VFNFRAPPN/	2600	2453
>MECOM-M:MFNFRAPPN	219	>MECOM-M:VFNFRAPPN/	1179	960
>MECOM-M:SMFNFRAPP	43	>MECOM-M:SVFNFRAPP	65	22
>MECOM-M:SMFNFRAPPI	198	>MECOM-M:SVFNFRAPPN	332	134
>MECOM-M:SMFNFRAPPI	35	>MECOM-M:SVFNFRAPPN	733	698
>MECOM-M:SMFNFRAPPI	90	>MECOM-M:SVFNFRAPPN	2122	2032
>MECOM-M:SMFNFRAPPI	24	>MECOM-M:SVFNFRAPPN	418	394
>MECOM-M:SMFNFRAPPI	430	>MECOM-M:SVFNFRAPPN	674	244
>MECOM-M:SMFNFRAPPI	6	>MECOM-M:SVFNFRAPPN	531	525
>MECOM-M:SMFNFRAPPI	105	>MECOM-M:SVFNFRAPPN	7624	7519
>MECOM-M:SMFNFRAPPI	11	>MECOM-M:SVFNFRAPPN	484	473
>MECOM-M:SMFNFRAPPI	10	>MECOM-M:SVFNFRAPPN	689	679
>MECOM-M:SMFNFRAPPI	116	>MECOM-M:SVFNFRAPPN	28	88
>MECOM-M:SMFNFRAPP	437	>MECOM-M:SVFNFRAPP	826	389
>MECOM-M:SMFNFRAPPI	2839	>MECOM-M:SVFNFRAPPN	170	2669
>MECOM-M:SMFNFRAPPI	727	>MECOM-M:SVFNFRAPPN	153	574
>MECOM-M:SMFNFRAP	372	>MECOM-M:SVFNFRAP	9216	8844
>MECOM-M:SMFNFRAPP	253	>MECOM-M:SVFNFRAPP	5898	5645
>MECOM-M:SMFNFRAPPI	132	>MECOM-M:SVFNFRAPPN	5031	4899
>MECOM-M:ASELLQSVPSI	29	>MECOM-M:ASELLQSVPSI	1484	1455
>MECOM-M:ASELLQSVPSI	114	>MECOM-M:ASELLQSVPSI	1754	1640
>MECOM-M:VPSMFNFR	450	>MECOM-M:VPSVFNFR	530	80
>MECOM-M:VPSMFNFR	180	>MECOM-M:VPSVFNFR	200	20
>MECOM-M:VPSMFNFRA	724	>MECOM-M:VPSVFNFRA	289	435
>MECOM-M:VPSMFNFR	248	>MECOM-M:VPSVFNFR	555	307
>MECOM-M:SVPSMFNFRA	341	>MECOM-M:SVPSVFNFRA	353	12

>MECOM-M:SVPSMFNFR	41	>MECOM-M:SVPSVFNFR	33	8
>MECOM-M:SVPSMFNF	86	>MECOM-M:SVPSVFNF	46	40
>MECOM-M:SVPSMFNF	55	>MECOM-M:SVPSVFNF	130	75
>MECOM-M:SVPSMFNFR	17	>MECOM-M:SVPSVFNFR	19	2
>MECOM-M:SVPSMFNF	558	>MECOM-M:SVPSVFNF	369	189
>MECOM-M:SVPSMFNFR	248	>MECOM-M:SVPSVFNFR	89	159
>MECOM-M:SVPSMFNFR	7	>MECOM-M:SVPSVFNFR	5	2
>MECOM-M:SVPSMFNFR/	83	>MECOM-M:SVPSVFNFR	113	30
>MECOM-M:SVPSMFNF	588	>MECOM-M:SVPSVFNF	350	238
>MECOM-M:SVPSMFNFR	126	>MECOM-M:SVPSVFNFR	119	7
>MECOM-M:SVPSMFNFR/	397	>MECOM-M:SVPSVFNFR	442	45
>MECOM-M:SVPSMFNFR	165	>MECOM-M:SVPSVFNFR	275	110
>MECOM-M:QSVPSMFNFI	237	>MECOM-M:QSVPSVFNFR	200	37
>MECOM-M:QSVPSMFNF	404	>MECOM-M:QSVPSVFNF	379	25
>MECOM-M:QSVPSMFNF	11	>MECOM-M:QSVPSVFNF	43	32
>MECOM-M:QSVPSMFNFI	20	>MECOM-M:QSVPSVFNFR	21	1
>MECOM-M:QSVPSMFNFI	150	>MECOM-M:QSVPSVFNFR	221	71
>MECOM-M:QSVPSMFNFI	10	>MECOM-M:QSVPSVFNFR	11	1
>MECOM-M:QSVPSMFNFI	92	>MECOM-M:QSVPSVFNFR	119	27
>MECOM-M:QSVPSMFNF	39	>MECOM-M:QSVPSVFNF	19	20
>MECOM-M:QSVPSMFNF	2	>MECOM-M:QSVPSVFNF	2	0
>MECOM-M:QSVPSMFNFI	240	>MECOM-M:QSVPSVFNFR	334	94
>MECOM-M:QSVPSMFNF	22	>MECOM-M:QSVPSVFNF	13	9
>MECOM-M:QSVPSMFNF	107	>MECOM-M:QSVPSVFNF	153	46
>MECOM-M:QSVPSMFNF	291	>MECOM-M:QSVPSVFNF	735	444
>MECOM-M:QSVPSMFNF	230	>MECOM-M:QSVPSVFNF	543	313
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>MECOM-M:QSVPSMFNFI	233	>MECOM-M:QSVPSVFNFR	270	37
>MECOM-M:LQSVPSMFNI	396	>MECOM-M:LQSVPSVFNF	594	198
>MECOM-M:LQSVPSMFNI	25	>MECOM-M:LQSVPSVFNF	21	4
>MECOM-M:LQSVPSMFNI	268	>MECOM-M:LQSVPSVFNF	210	58
>MECOM-M:LQSVPSMF	52	>MECOM-M:LQSVPSVF	37	15
>MECOM-M:LQSVPSMFNI	57	>MECOM-M:LQSVPSVFNF	49	8
>MECOM-M:LQSVPSMF	380	>MECOM-M:LQSVPSVF	338	42
>MECOM-M:LQSVPSMF	3	>MECOM-M:LQSVPSVF	3	0
>MECOM-M:LQSVPSMFNI	4	>MECOM-M:LQSVPSVFNF	3	1
>MECOM-M:LQSVPSMFNI	482	>MECOM-M:LQSVPSVFNF	483	1
>MECOM-M:LQSVPSMFNI	356	>MECOM-M:LQSVPSVFNF	1075	719
>MECOM-M:LQSVPSMFNI	443	>MECOM-M:LQSVPSVFNF	506	63
>MECOM-M:LLQSVPSM	166	>MECOM-M:LLQSVPSV	15	151
>MECOM-M:LLQSVPSM	362	>MECOM-M:LLQSVPSV	23	339
>MECOM-M:LLQSVPSM	296	>MECOM-M:LLQSVPSV	5	291
>MECOM-M:LLQSVPSM	2208	>MECOM-M:LLQSVPSV	99	2109



>MECOM-M: LLQSVPSM	33	>MECOM-M: LLQSVPSV	2	31
>MECOM-M: LLQSVPSMF	448	>MECOM-M: LLQSVPSVF	1069	621
>MECOM-M: LLQSVPSMFM	906	>MECOM-M: LLQSVPSVFN	485	421
>MECOM-M: LLQSVPSM	227	>MECOM-M: LLQSVPSV	4	223
>MECOM-M: LLQSVPSM	546	>MECOM-M: LLQSVPSV	7	539
>MECOM-M: LLQSVPSM	159	>MECOM-M: LLQSVPSV	4	155
>MECOM-M: LLQSVPSM	24	>MECOM-M: LLQSVPSV	2	22
>MECOM-M: LLQSVPSMF	223	>MECOM-M: LLQSVPSVF	375	152
>MECOM-M: LLQSVPSMFM	93	>MECOM-M: LLQSVPSVFN	95	2
>MECOM-M: LLQSVPSMFM	444	>MECOM-M: LLQSVPSVFN	403	41
>MECOM-M: LLQSVPSM	105	>MECOM-M: LLQSVPSV	1209	1104
>MECOM-M: LLQSVPSMF	76	>MECOM-M: LLQSVPSVF	34	42
>MECOM-M: LLQSVPSMFM	111	>MECOM-M: LLQSVPSVFN	80	31
>MECOM-M: LLQSVPSMF	190	>MECOM-M: LLQSVPSVF	142	48
>MECOM-M: LLQSVPSM	418	>MECOM-M: LLQSVPSV	1382	964
>MECOM-M: LLQSVPSMF	28	>MECOM-M: LLQSVPSVF	19	9
>MECOM-M: LLQSVPSMFM	48	>MECOM-M: LLQSVPSVFN	31	17
>MECOM-M: LLQSVPSMF	10	>MECOM-M: LLQSVPSVF	18	8
>MECOM-M: LLQSVPSMFM	343	>MECOM-M: LLQSVPSVFN	545	202
>MECOM-M: ELLQSVPSM	3846	>MECOM-M: ELLQSVPSV	86	3760
>MECOM-M: ELLQSVPSM	7673	>MECOM-M: ELLQSVPSV	207	7466
>MECOM-M: ELLQSVPSM	2039	>MECOM-M: ELLQSVPSV	54	1985
>MECOM-M: ELLQSVPSM	55	>MECOM-M: ELLQSVPSV	2	53
>MECOM-M: ELLQSVPSM	1609	>MECOM-M: ELLQSVPSV	20	1589
>MECOM-M: ELLQSVPSM	112	>MECOM-M: ELLQSVPSV	5	107
>MECOM-M: ELLQSVPSM	36	>MECOM-M: ELLQSVPSV	2	34
>MECOM-M: ELLQSVPSM	82	>MECOM-M: ELLQSVPSV	2	80
>MECOM-M: ELLQSVPSM	24	>MECOM-M: ELLQSVPSV	2594	2570
>MECOM-M: ELLQSVPSMF	126	>MECOM-M: ELLQSVPSVF	99	27
>MECOM-M: ELLQSVPSM	72	>MECOM-M: ELLQSVPSV	4006	3934
>MECOM-M: ELLQSVPSM	21	>MECOM-M: ELLQSVPSV	5	16
>MECOM-M: ELLQSVPSMF	795	>MECOM-M: ELLQSVPSVF	223	572
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>MECOM-M: ELLQSVPSM	437	>MECOM-M: ELLQSVPSV	1659	1222
>MECOM-M: ELLQSVPSMF	46	>MECOM-M: ELLQSVPSVF	29	17
>MECOM-M: SELLQSVPSM	47	>MECOM-M: SELLQSVPSV	15	32
>MECOM-M: SELLQSVPSM	133	>MECOM-M: SELLQSVPSVI	254	121
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>MECOM-M: SELLQSVPSM	262	>MECOM-M: SELLQSVPSV	260	2
>MECOM-M: SELLQSVPSM	176	>MECOM-M: SELLQSVPSVI	134	42
>MECOM-M: SELLQSVPSM	132	>MECOM-M: SELLQSVPSVI	286	154

>MECOM-M:SELLQSVPSM	121	>MECOM-M:SELLQSVPSVI	197	76
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>MECOM-M:SELLQSVPSM	464	>MECOM-M:SELLQSVPSVI	788	324
>MECOM-M:SELLQSVPSM	71	>MECOM-M:SELLQSVPSV	56	15
>MECOM-M:SELLQSVPSM	123	>MECOM-M:SELLQSVPSVI	155	32
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>MECOM-V2 MVNMSHAN	247	>MECOM-V2 MINMSHANF	82	165
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>MECOM-V2 TSMVNMSH/	83	>MECOM-V2 TSMINMSHA	92	9
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>MECOM-V2 AMDKTSMV	48	>MECOM-V2 AMDKTSMI	344	296
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>MECOM-V2 AMDKTSMV	142	>MECOM-V2 AMDKTSMIN	158	16
>MECOM-V2 AMDKTSMV	4	>MECOM-V2 AMDKTSMI	20	16
>MECOM-V2 AMDKTSMV	172	>MECOM-V2 AMDKTSMIN	187	15

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>MECOM-V2 AMDKTSMV†	141	>MECOM-V2 AMDKTSMIN	137	4
>MECOM-V2 AMDKTSMV	7	>MECOM-V2 AMDKTSMI	198	191
>MECOM-V2 AMDKTSMV	3	>MECOM-V2 AMDKTSMI	60	57
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>MECOM-V2 AMDKTSMV†	304	>MECOM-V2 AMDKTSMIN	535	231
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>MEN1-A284NLADLEELEP†	29	>MEN1-A284NLPDLEELEP†	471	442
>MEN1-A284NLADLEEL	55	>MEN1-A284NLPDLEEL	341	286
>MEN1-A284NLADLEELEP†	199	>MEN1-A284NLPDLEELEP†	1022	823
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>MEN1-D172ALGLRDVHLA	750	>MEN1-D172ALGLRVVHLA	377	373
>MEN1-D172ALGLRDVHL	1202	>MEN1-D172ALGLRVVHL	93	1109
>MEN1-D172ALGLRDVHLA	502	>MEN1-D172ALGLRVVHLA	87	415
>MEN1-D172ALGLRDVHLA	153	>MEN1-D172ALGLRVVHLA	53	100
>MEN1-D172ALGLRDVHL	330	>MEN1-D172ALGLRVVHL	102	228
>MEN1-D172ALGLRDVHLA	559	>MEN1-D172ALGLRVVHLA	390	169
>MEN1-D172ALGLRDVHLA	281	>MEN1-D172ALGLRVVHLA	245	36
>MEN1-D172ALGLRDVHL	108	>MEN1-D172ALGLRVVHL	32	76
>MEN1-D172ALGLRDVHLA	220	>MEN1-D172ALGLRVVHLA	88	132
>MEN1-D172ALGLRDVHLA	217	>MEN1-D172ALGLRVVHLA	142	75
>MEN1-D172ALGLRDVHL	5672	>MEN1-D172ALGLRVVHL	455	5217
>MEN1-D172ALGLRDVHL	32	>MEN1-D172ALGLRVVHL	8	24
>MEN1-D172ALGLRDVHLA	23	>MEN1-D172ALGLRVVHLA	11	12
>MEN1-D172ALGLRDVHLA	20	>MEN1-D172ALGLRVVHLA	12	8
>MEN1-D172ALGLRDVHLA	902	>MEN1-D172ALGLRVVHLA	465	437
>MEN1-D172CQALGLRD	20569	>MEN1-D172CQALGLRV	344	20225
>MEN1-D172CQALGLRDV	364	>MEN1-D172CQALGLRVV	267	97
>MEN1-D172CQALGLRD	23305	>MEN1-D172CQALGLRV	90	23215
>MEN1-D172CQALGLRDV	782	>MEN1-D172CQALGLRVV	171	611
>MEN1-D172CQALGLRDVf	524	>MEN1-D172CQALGLRVVf	203	321
>MEN1-D418FYDGICKW	742	>MEN1-D418FYNGICKW	386	356
>MEN1-D418FYDGICKW	22	>MEN1-D418FYNGICKW	14	8
>MEN1-D418FYDGICKW	503	>MEN1-D418FYNGICKW	242	261
>MEN1-D418RFYDGICK	240	>MEN1-D418RFYNGICK	101	139
>MEN1-D418RFYDGICK	151	>MEN1-D418RFYNGICK	126	25
>MEN1-D418RFYDGICKW	393	>MEN1-D418RFYNGICKW	213	180
>MEN1-D418RFYDGICKW	76	>MEN1-D418RFYNGICKW	32	44
>MEN1-D418RFYDGICK	57	>MEN1-D418RFYNGICK	29	28
>MEN1-D418RFYDGICK	71	>MEN1-D418RFYNGICK	46	25
>MEN1-D418RFYDGICKW	232	>MEN1-D418RFYNGICKW	609	377
>MEN1-D418RFYDGICKW	34	>MEN1-D418RFYNGICKW	33	1
>MEN1-D418RFYDGICKW	611	>MEN1-D418RFYNGICKW	406	205

>MEN1-D41&RFYDGICK	169	>MEN1-D41&RFYNGICK	243	74
>MEN1-D41&LRFYDGICK	208	>MEN1-D41&LRFYNGICK	177	31
>MEN1-D41&LRFYDGICKW	162	>MEN1-D41&LRFYNGICKW	114	48
>MEN1-D41&LRFYDGICK	70	>MEN1-D41&LRFYNGICK	53	17
>MEN1-D41&LRFYDGIC	461	>MEN1-D41&LRFYNGIC	385	76
>MEN1-D41&LRFYDGICKW	465	>MEN1-D41&LRFYNGICKW	431	34
>MEN1-D41&LRFYDGICKW	469	>MEN1-D41&LRFYNGICKW	673	204
>MEN1-D41&LRFYDGICKW	109	>MEN1-D41&LRFYNGICKW	144	35
>MEN1-D41&LLRFYDGI	349	>MEN1-D41&LLRFYNGI	193	156
>MEN1-D41&LLRFYDGI	63	>MEN1-D41&LLRFYNGI	24	39
>MEN1-D41&LLRFYDGI	195	>MEN1-D41&LLRFYNGI	194	1
>MEN1-D41&LLRFYDGI	103	>MEN1-D41&LLRFYNGI	55	48
>MEN1-D41&LLRFYDGICK	77	>MEN1-D41&LLRFYNGICK	33	44
>MEN1-D41&LLRFYDGICK	378	>MEN1-D41&LLRFYNGICK	265	113
>MEN1-D41&LLRFYDGI	1906	>MEN1-D41&LLRFYNGI	174	1732
>MEN1-D41&LLRFYDGICK	47	>MEN1-D41&LLRFYNGICK	14	33
>MEN1-D41&LLRFYDGICK	622	>MEN1-D41&LLRFYNGICK	229	393
>MEN1-D41&LLRFYDGICK\	162	>MEN1-D41&LLRFYNGICK\	188	26
>MEN1-D41&LLRFYDGICK\	203	>MEN1-D41&LLRFYNGICK\	228	25
>MEN1-D41&HLLRFYDGI	609	>MEN1-D41&HLLRFYNGI	117	492
>MEN1-D41&HLLRFYDGI	403	>MEN1-D41&HLLRFYNGI	262	141
>MEN1-D41&HLLRFYDGI	89	>MEN1-D41&HLLRFYNGI	64	25
>MEN1-D41&HLLRFYDGI	388	>MEN1-D41&HLLRFYNGI	134	254
>MEN1-D41&HLLRFYDGI	186	>MEN1-D41&HLLRFYNGI	177	9
>MEN1-D41&HLLRFYDGI	10	>MEN1-D41&HLLRFYNGI	12	2
>MEN1-D41&HLLRFYDGI	15	>MEN1-D41&HLLRFYNGI	14	1
>MEN1-D41&HLLRFYDGI	50	>MEN1-D41&HLLRFYNGI	74	24
>MEN1-D41&HLLRFYDGI	160	>MEN1-D41&HLLRFYNGI	214	54
>MEN1-D41&HLLRFYDGI	55	>MEN1-D41&HLLRFYNGI	27	28
>MEN1-D41&HLLRFYDGICf	135	>MEN1-D41&HLLRFYNGICf	69	66
>MEN1-D41&HLLRFYDGICf	176	>MEN1-D41&HLLRFYNGICf	127	49
>MEN1-D41&HLLRFYDGI	4178	>MEN1-D41&HLLRFYNGI	374	3804
>MEN1-D41&HLLRFYDGICf	157	>MEN1-D41&HLLRFYNGICf	34	123
>MEN1-D41&HLLRFYDGI	672	>MEN1-D41&HLLRFYNGI	422	250
>MEN1-D41&HLLRFYDGI	99	>MEN1-D41&HLLRFYNGI	51	48
>MEN1-D41&AHLLRFYDGI	527	>MEN1-D41&AHLLRFYNGI	459	68
>MEN1-D41&FAHLLRFYDG	589	>MEN1-D41&FAHLLRFYNG	242	347
>MEN1-D41&FAHLLRFYDG	548	>MEN1-D41&FAHLLRFYNG	475	73
>MEN1-D41&FAHLLRFYDG	414	>MEN1-D41&FAHLLRFYNG	411	3
>MEN1-D41&FAHLLRFYDG	82	>MEN1-D41&FAHLLRFYNG	60	22
>MEN1-D41&FAHLLRFYDG	221	>MEN1-D41&FAHLLRFYNG	235	14
>MEN1-E179EDHAWVVF	2268	>MEN1-E179VDHAWVVF	455	1813
>MEN1-E179SEDHAWVV	19	>MEN1-E179SVDHAWVV	32617	32598



>MEN1-E179 SEDHAWVV	15662	>MEN1-E179 SVDHAWVV	185	15477
>MEN1-E179 SEDHAWVV	477	>MEN1-E179 SVDHAWVV	11	466
>MEN1-E179 SEDHAWVV	1784	>MEN1-E179 SVDHAWVV	24	1760
>MEN1-E179 SEDHAWVV	3477	>MEN1-E179 SVDHAWVV	81	3396
>MEN1-E179 SEDHAWVV	1133	>MEN1-E179 SVDHAWVV	14	1119
>MEN1-E179 SEDHAWVV	7472	>MEN1-E179 SVDHAWVV	42	7430
>MEN1-E179 SEDHAWVV	16671	>MEN1-E179 SVDHAWVV	396	16275
>MEN1-E179 SEDHAWVV	10476	>MEN1-E179 SVDHAWVV	51	10425
>MEN1-E179 SEDHAWVVF	278	>MEN1-E179 SVDHAWVVF	17900	17622
>MEN1-E179 SEDHAWVVF	5546	>MEN1-E179 SVDHAWVVF	323	5223
>MEN1-E179 SEDHAWVV	88	>MEN1-E179 SVDHAWVV	20953	20865
>MEN1-E179 SEDHAWVVF	51	>MEN1-E179 SVDHAWVVF	20445	20394
>MEN1-E179 SEDHAWVVF	447	>MEN1-E179 SVDHAWVVF	29061	28614
>MEN1-E179 SEDHAWVVF	411	>MEN1-E179 SVDHAWVVF	27254	26843
>MEN1-E179 SEDHAWVVF	70	>MEN1-E179 SVDHAWVVF	29712	29642
>MEN1-E179 SEDHAWVV	127	>MEN1-E179 SVDHAWVV	31691	31564
>MEN1-E179 SEDHAWVVF	248	>MEN1-E179 SVDHAWVVF	26997	26749
>MEN1-E179 SEDHAWVVF	4774	>MEN1-E179 SVDHAWVVF	280	4494
>MEN1-E179 GLRDVHLALS	24109	>MEN1-E179 GLRDVHLALS	403	23706
>MEN1-E179 GLRDVHLALS	17995	>MEN1-E179 GLRDVHLALS	201	17794
>MEN1-E179 GLRDVHLALS	15951	>MEN1-E179 GLRDVHLALS	9	15942
>MEN1-E179 GLRDVHLALS	25518	>MEN1-E179 GLRDVHLALS	377	25141
>MEN1-E179 GLRDVHLALS	15551	>MEN1-E179 GLRDVHLALS	7	15544
>MEN1-E179 GLRDVHLALS	22285	>MEN1-E179 GLRDVHLALS	26	22259
>MEN1-E179 GLRDVHLALS	19240	>MEN1-E179 GLRDVHLALS	16	19224
>MEN1-E179 GLRDVHLALS	9451	>MEN1-E179 GLRDVHLALS	2	9449
>MEN1-E179 GLRDVHLALS	5971	>MEN1-E179 GLRDVHLALS	199	5772
>MEN1-E179 LSEDHAWVV	471	>MEN1-E179 LSVDHAWVV	2674	2203
>MEN1-E179 LSEDHAWV	1550	>MEN1-E179 LSVDHAWV	285	1265
>MEN1-E179 LSEDHAWV	1383	>MEN1-E179 LSVDHAWV	179	1204
>MEN1-E179 LSEDHAWVV	307	>MEN1-E179 LSVDHAWVV	63	244
>MEN1-E179 LSEDHAWVV	1410	>MEN1-E179 LSVDHAWVV	223	1187
>MEN1-E179 LSEDHAWV	719	>MEN1-E179 LSVDHAWV	268	451
>MEN1-E179 LSEDHAWVV	366	>MEN1-E179 LSVDHAWVV	140	226
>MEN1-E179 LSEDHAWVV	17991	>MEN1-E179 LSVDHAWVV	347	17644
>MEN1-E179 LSEDHAWV	7453	>MEN1-E179 LSVDHAWV	384	7069
>MEN1-E179 LSEDHAWVV	8058	>MEN1-E179 LSVDHAWVV	461	7597
>MEN1-E179 LSEDHAWV	3854	>MEN1-E179 LSVDHAWV	497	3357
>MEN1-E179 LSEDHAWVV	2221	>MEN1-E179 LSVDHAWVV	202	2019
>MEN1-E179 LSEDHAWVV	355	>MEN1-E179 LSVDHAWVV	52	303
>MEN1-E179 LSEDHAWVV	399	>MEN1-E179 LSVDHAWVV	21	378
>MEN1-E179 LSEDHAWV	1011	>MEN1-E179 LSVDHAWV	104	907
>MEN1-E179 LSEDHAWVV	1841	>MEN1-E179 LSVDHAWVV	137	1704

>MEN1-E179 LSEDHAWVV	8	>MEN1-E179 LSVDHAWVV	3	5
>MEN1-E179 LSEDHAWVV	4487	>MEN1-E179 LSVDHAWVV	479	4008
>MEN1-E179 LSEDHAWVV	1572	>MEN1-E179 LSVDHAWVV	44	1528
>MEN1-E179 LSEDHAWVV	385	>MEN1-E179 LSVDHAWVV	262	123
>MEN1-E179 LSEDHAWVV	517	>MEN1-E179 LSVDHAWVV	357	160
>MEN1-E179 LSEDHAWVV	54	>MEN1-E179 LSVDHAWVV	46	8
>MEN1-E179 ALSEDHAWV	22	>MEN1-E179 ALSVDHAWV	147	125
>MEN1-E179 ALSEDHAWV	53	>MEN1-E179 ALSVDHAWV	158	105
>MEN1-E179 ALSEDHAWV	4	>MEN1-E179 ALSVDHAWV	6	2
>MEN1-E179 ALSEDHAWV	22	>MEN1-E179 ALSVDHAWV	46	24
>MEN1-E179 ALSEDHAWV	4	>MEN1-E179 ALSVDHAWV	10	6
>MEN1-E179 ALSEDHAWV	103	>MEN1-E179 ALSVDHAWV	180	77
>MEN1-E179 ALSEDHAWV	25	>MEN1-E179 ALSVDHAWV	247	222
>MEN1-E179 ALSEDHAWV	397	>MEN1-E179 ALSVDHAWV	636	239
>MEN1-E179 ALSEDHAWV	2	>MEN1-E179 ALSVDHAWV	10	8
>MEN1-E179 ALSEDHAWV	2	>MEN1-E179 ALSVDHAWV	5	3
>MEN1-E179 ALSEDHAWV	11	>MEN1-E179 ALSVDHAWV	76	65
>MEN1-E179 ALSEDHAWV	4	>MEN1-E179 ALSVDHAWV	8	4
>MEN1-E179 ALSEDHAWV	6	>MEN1-E179 ALSVDHAWV	17	11
>MEN1-E179 ALSEDHAWV	5	>MEN1-E179 ALSVDHAWV	9	4
>MEN1-E179 ALSEDHAWV	4	>MEN1-E179 ALSVDHAWV	14	10
>MEN1-E179 ALSEDHAWV	3	>MEN1-E179 ALSVDHAWV	6	3
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>MEN1-E179 ALSEDHAWV	1	>MEN1-E179 ALSVDHAWV	2	1
>MEN1-E179 ALSEDHAWV	68	>MEN1-E179 ALSVDHAWV	79	11
>MEN1-E179 ALSEDHAWV	47	>MEN1-E179 ALSVDHAWV	44	3
>MEN1-E179 LALSEDHAW'	631	>MEN1-E179 LALSVDHAW'	301	330
>MEN1-E179 LALSEDHAW'	424	>MEN1-E179 LALSVDHAW'	392	32
>MEN1-E179 LALSEDHAW'	149	>MEN1-E179 LALSVDHAW'	147	2
>MEN1-E179 LALSEDHAW'	76	>MEN1-E179 LALSVDHAW'	39	37
>MEN1-E179 LALSEDHAW'	93	>MEN1-E179 LALSVDHAW'	40	53
>MEN1-E179 LALSEDHAW'	51	>MEN1-E179 LALSVDHAW'	14	37
>MEN1-E179 LALSEDHAW'	218	>MEN1-E179 LALSVDHAW'	169	49
>MEN1-E179 LALSEDHAW'	819	>MEN1-E179 LALSVDHAW'	286	533
>MEN1-E179 LALSEDHAW'	217	>MEN1-E179 LALSVDHAW'	59	158
>MEN1-E179 LALSEDHAW'	266	>MEN1-E179 LALSVDHAW'	158	108
>MEN1-E179 LALSEDHAW'	30	>MEN1-E179 LALSVDHAW'	33	3
>MEN1-E179 LALSEDHAW'	34	>MEN1-E179 LALSVDHAW'	29	5
>MEN1-E179 LALSEDHAW'	369	>MEN1-E179 LALSVDHAW'	247	122
>MEN1-E179 LALSEDHAW'	225	>MEN1-E179 LALSVDHAW'	103	122
>MEN1-E179 LALSEDHAW	18	>MEN1-E179 LALSVDHAW	29	11
>MEN1-E179 LALSEDHAW	73	>MEN1-E179 LALSVDHAW	72	1
>MEN1-E179 LALSEDHAW	14	>MEN1-E179 LALSVDHAW	25	11

>MEN1-E179 LALSEDHAW	60	>MEN1-E179 LALSVDHAW	52	8
>MEN1-E179 LALSEDHAW	13	>MEN1-E179 LALSVDHAW	10	3
>MEN1-E179 LALSEDHAW	12	>MEN1-E179 LALSVDHAW	10	2
>MEN1-E179 LALSEDHAW	76	>MEN1-E179 LALSVDHAW	138	62
>MEN1-E179 HLALSEDHAV	207	>MEN1-E179 HLALSVDHAV	110	97
>MEN1-E179 HLALSEDHA	160	>MEN1-E179 HLALSVDHA	28	132
>MEN1-E179 HLALSEDHAV	9	>MEN1-E179 HLALSVDHAV	7	2
>MEN1-E179 HLALSEDHA	2155	>MEN1-E179 HLALSVDHA	37	2118
>MEN1-E179 HLALSEDHAV	26	>MEN1-E179 HLALSVDHAV	8	18
>MEN1-E179 HLALSEDHAV	286	>MEN1-E179 HLALSVDHAV	153	133
>MEN1-E179 HLALSEDHAV	38	>MEN1-E179 HLALSVDHAV	18	20
>MEN1-E179 HLALSEDHAV	75	>MEN1-E179 HLALSVDHAV	45	30
>MEN1-E179 HLALSEDHA	651	>MEN1-E179 HLALSVDHA	175	476
>MEN1-E179 HLALSEDHAV	16	>MEN1-E179 HLALSVDHAV	14	2
>MEN1-E179 HLALSEDHAV	24	>MEN1-E179 HLALSVDHAV	12	12
>MEN1-E179 HLALSEDHA	669	>MEN1-E179 HLALSVDHA	231	438
>MEN1-E179 HLALSEDHAV	5	>MEN1-E179 HLALSVDHAV	3	2
>MEN1-E179 HLALSEDHAV	237	>MEN1-E179 HLALSVDHAV	117	120
>MEN1-E179 HLALSEDHAV	863	>MEN1-E179 HLALSVDHAV	464	399
>MEN1-E179 HLALSEDHAV	202	>MEN1-E179 HLALSVDHAV	65	137
>MEN1-E179 HLALSEDHAV	306	>MEN1-E179 HLALSVDHAV	333	27
>MEN1-E179 VHLALSEDHA	463	>MEN1-E179 VHLALSVDHA	315	148
>MEN1-E179 VHLALSEDHA	32	>MEN1-E179 VHLALSVDHA	54	22
>MEN1-E179 DVHLALSE	23319	>MEN1-E179 DVHLALSV	103	23216
>MEN1-E179 DVHLALSE	20743	>MEN1-E179 DVHLALSV	287	20456
>MEN1-E179 RDVHLALSE	4874	>MEN1-E179 RDVHLALSV	142	4732
>MEN1-E179 RDVHLALSE	18206	>MEN1-E179 RDVHLALSV	77	18129
>MEN1-E26K ELGREEPDLV	2734	>MEN1-E26K KLGREEPDLV	236	2498
>MEN1-E26K ELGREEPDLV	826	>MEN1-E26K KLGREEPDLV	101	725
>MEN1-E26K ELGREEPDLV	583	>MEN1-E26K KLGREEPDLV	109	474
>MEN1-E26K ELGREEPDLV	104	>MEN1-E26K KLGREEPDLV	11	93
>MEN1-E26K ELGREEPDLV	1905	>MEN1-E26K KLGREEPDLV	172	1733
>MEN1-E26K ELGREEPDLV	651	>MEN1-E26K KLGREEPDLV	27	624
>MEN1-E26K ELGREEPDLV	3962	>MEN1-E26K KLGREEPDLV	200	3762
>MEN1-E26K ELGREEPDL	1660	>MEN1-E26K KLGREEPDL	80	1580
>MEN1-E26K ELGREEPDLV	64	>MEN1-E26K KLGREEPDLV	11	53
>MEN1-E26K ELGREEPDLV	1830	>MEN1-E26K KLGREEPDLV	106	1724
>MEN1-E26K ELGREEPDLV	145	>MEN1-E26K KLGREEPDLV	75	70
>MEN1-E26K ELGREEPDL	117	>MEN1-E26K KLGREEPDL	29	88
>MEN1-E26K ELGREEPDLV	22	>MEN1-E26K KLGREEPDLV	12	10
>MEN1-E26K ELGREEPDLV	175	>MEN1-E26K KLGREEPDLV	40	135
>MEN1-E26K AELGREEPDL	349	>MEN1-E26K AKLGREEPDL	12849	12500
>MEN1-E26K AELGREEPDL	9634	>MEN1-E26K AKLGREEPDL	446	9188

>MEN1-E26K AELGREEPDL	346	>MEN1-E26K AKLGREEPDL	22285	21939
>MEN1-E26K AELGREEPDL	86	>MEN1-E26K AKLGREEPDL	24681	24595
>MEN1-E26K AELGREEPDL	35	>MEN1-E26K AKLGREEPDL	13192	13157
>MEN1-E26K AELGREEPDL	15	>MEN1-E26K AKLGREEPDL	9464	9449
>MEN1-E26K LFAAELGR	1286	>MEN1-E26K LFAAKLGR	118	1168
>MEN1-E26K LFAAELGR	476	>MEN1-E26K LFAAKLGR	649	173
>MEN1-E26K LFAAELGR	175	>MEN1-E26K LFAAKLGR	155	20
>MEN1-E26K RLFAAELGR	65	>MEN1-E26K RLFAAKLGR	46	19
>MEN1-E26K RLFAAELGR	285	>MEN1-E26K RLFAAKLGR	228	57
>MEN1-E26K RLFAAELGR	93	>MEN1-E26K RLFAAKLGR	22	71
>MEN1-E26K RLFAAELGR	435	>MEN1-E26K RLFAAKLGR	618	183
>MEN1-E26K RLFAAELGR	34	>MEN1-E26K RLFAAKLGR	24	10
>MEN1-E26K VRLFAAELGR	1253	>MEN1-E26K VRLFAAKLGR	497	756
>MEN1-E26K VRLFAAEL	405	>MEN1-E26K VRLFAAKL	209	196
>MEN1-E26K VRLFAAELGR	312	>MEN1-E26K VRLFAAKLGR	429	117
>MEN1-E26K VVRLFAAEL	170	>MEN1-E26K VVRLFAAKL	218	48
>MEN1-E26K VVRLFAAE	19108	>MEN1-E26K VVRLFAAK	115	18993
>MEN1-E26K VVRLFAAE	27668	>MEN1-E26K VVRLFAAK	223	27445
>MEN1-E26K VVRLFAAE	2692	>MEN1-E26K VVRLFAAK	6	2686
>MEN1-E26K VVRLFAAEL	156	>MEN1-E26K VVRLFAAKL	239	83
>MEN1-E26K VVRLFAAELG	473	>MEN1-E26K VVRLFAAKLG	339	134
>MEN1-E26K VVRLFAAE	13833	>MEN1-E26K VVRLFAAK	268	13565
>MEN1-E26K VVRLFAAELG	458	>MEN1-E26K VVRLFAAKLG	176	282
>MEN1-E26K VVRLFAAEL	461	>MEN1-E26K VVRLFAAKL	1846	1385
>MEN1-E26K VVRLFAAEL	55	>MEN1-E26K VVRLFAAKL	53	2
>MEN1-E26K VVRLFAAEL	386	>MEN1-E26K VVRLFAAKL	265	121
>MEN1-E26K DVVRLFAAEL	37	>MEN1-E26K DVVRLFAAKL	52	15
>MEN1-E26K DVVRLFAAE	4499	>MEN1-E26K DVVRLFAAK	89	4410
>MEN1-E26K DVVRLFAAE	6436	>MEN1-E26K DVVRLFAAK	19	6417
>MEN1-E26K DVVRLFAAEL	169	>MEN1-E26K DVVRLFAAKL	334	165
>MEN1-E26K DVVRLFAAEL	86	>MEN1-E26K DVVRLFAAKL	140	54
>MEN1-E359 EIYKEFFEVE	254	>MEN1-E359 KIYKEFFEVE	9	245
>MEN1-E359 EIYKEFFEVE	150	>MEN1-E359 KIYKEFFEVE	10	140
>MEN1-E359 EIYKEFFEVA	2323	>MEN1-E359 KIYKEFFEVA	472	1851
>MEN1-E359 EIYKEFFEVE	489	>MEN1-E359 KIYKEFFEVE	15	474
>MEN1-E359 EIYKEFFEVA	1116	>MEN1-E359 KIYKEFFEVA	231	885
>MEN1-E359 EIYKEFFEVE	10	>MEN1-E359 KIYKEFFEVE	3	7
>MEN1-E359 EIYKEFFEVA	1546	>MEN1-E359 KIYKEFFEVA	237	1309
>MEN1-E359 EIYKEFFEVE	18	>MEN1-E359 KIYKEFFEVE	3	15
>MEN1-E359 EIYKEFFEVA	1719	>MEN1-E359 KIYKEFFEVA	142	1577
>MEN1-E359 EIYKEFFEVE	468	>MEN1-E359 KIYKEFFEVE	13	455
>MEN1-E359 EIYKEFFEVE	33	>MEN1-E359 KIYKEFFEVE	8	25
>MEN1-E359 EIYKEFFEVE	318	>MEN1-E359 KIYKEFFEVE	129	189

>MEN1-E359 EIYKEFFEVEV	18	>MEN1-E359 KIYKEFFEVEV	6	12
>MEN1-E359 EIYKEFFEVEV	5779	>MEN1-E359 KIYKEFFEVEV	393	5386
>MEN1-E359 EIYKEFFFE	300	>MEN1-E359 KIYKEFFFE	12567	12267
>MEN1-E359 EIYKEFFEVEV	12	>MEN1-E359 KIYKEFFEVEV	1236	1224
>MEN1-E359 EIYKEFFEVEVA	272	>MEN1-E359 KIYKEFFEVEVA	6550	6278
>MEN1-E359 EIYKEFFEVEV	4	>MEN1-E359 KIYKEFFEVEV	98	94
>MEN1-E359 EIYKEFFEVEVA	124	>MEN1-E359 KIYKEFFEVEVA	7270	7146
>MEN1-E359 EEIYKEFF	292	>MEN1-E359 EKIYKEFF	29947	29655
>MEN1-E359 EEIYKEFFFEV	213	>MEN1-E359 EKIYKEFFFEV	9688	9475
>MEN1-E359 EEIYKEFF	312	>MEN1-E359 EKIYKEFF	224	88
>MEN1-E359 EEIYKEFF	2164	>MEN1-E359 EKIYKEFF	71	2093
>MEN1-E359 EEIYKEFFFEV	52	>MEN1-E359 EKIYKEFFFEV	14217	14165
>MEN1-E359 EEIYKEFFFEV	210	>MEN1-E359 EKIYKEFFFEV	12785	12575
>MEN1-E359 EEIYKEFF	42	>MEN1-E359 EKIYKEFF	8665	8623
>MEN1-E359 EEIYKEFFFEV	117	>MEN1-E359 EKIYKEFFFEV	11283	11166
>MEN1-E359 EEIYKEFFFEV	181	>MEN1-E359 EKIYKEFFFEV	9214	9033
>MEN1-E359 EEIYKEFFFEVA	9	>MEN1-E359 EKIYKEFFFEVA	3435	3426
>MEN1-E359 EEIYKEFFFEV	120	>MEN1-E359 EKIYKEFFFEV	23579	23459
>MEN1-E359 DEEIYKEFF	26	>MEN1-E359 DEKIYKEFF	36	10
>MEN1-E359 DEEIYKEFFFEV	47	>MEN1-E359 DEKIYKEFFFEV	66	19
>MEN1-E359 DEEIYKEF	13	>MEN1-E359 DEKIYKEF	12	1
>MEN1-E359 DEEIYKEFF	17	>MEN1-E359 DEKIYKEFF	16	1
>MEN1-E359 DEEIYKEFFFEV	141	>MEN1-E359 DEKIYKEFFFEV	135	6
>MEN1-E359 REDEEIYKEFF	59	>MEN1-E359 REDEKIYKEFF	63	4
>MEN1-E359 REDEEIYKEF	330	>MEN1-E359 REDEKIYKEF	315	15
>MEN1-E359 REDEEIYKEF	147	>MEN1-E359 REDEKIYKEF	141	6
>MEN1-E359 REDEEIYKEF	467	>MEN1-E359 REDEKIYKEF	325	142
>MEN1-E359 REDEEIYKEFF	273	>MEN1-E359 REDEKIYKEFF	349	76
>MEN1-E359 REDEEIYKEF	92	>MEN1-E359 REDEKIYKEF	112	20
>MEN1-E359 REDEEIYKEFF	220	>MEN1-E359 REDEKIYKEFF	348	128
>MEN1-E359 YCREDEEIYK	485	>MEN1-E359 YCREDEKIYK	253	232
>MEN1-E359 YCREDEEIY	760	>MEN1-E359 YCREDEKIY	419	341
>MEN1-E359 YCREDEEIY	284	>MEN1-E359 YCREDEKIY	454	170
>MEN1-E359 NYCREDEEI	309	>MEN1-E359 NYCREDEKI	382	73
>MEN1-E359 NYCREDEEI	33	>MEN1-E359 NYCREDEKI	49	16
>MEN1-E359 NYCREDEEIYI	189	>MEN1-E359 NYCREDEKIYI	146	43
>MEN1-E359 YNYCREDEEI\	431	>MEN1-E359 YNYCREDEKI\	346	85
>MEN1-E359 YNYCREDEEI\	131	>MEN1-E359 YNYCREDEKI\	92	39
>MEN1-E359 YNYCREDEEI\	444	>MEN1-E359 YNYCREDEKI\	614	170
>MEN1-E359 YNYCREDEEI	445	>MEN1-E359 YNYCREDEKI	302	143
>MEN1-E378 EAASLLEA	43	>MEN1-E378 VAASLLEA	3687	3644
>MEN1-E378 EAASLLEA	223	>MEN1-E378 VAASLLEA	7689	7466
>MEN1-E378 KEAASLLEA	17777	>MEN1-E378 KVAASLLEA	109	17668

>MEN1-E378 KEAASLLEA	6854	>MEN1-E378 KVAASLLEA	87	6767
>MEN1-E378 KEAASLLEA	5685	>MEN1-E378 KVAASLLEA	34	5651
>MEN1-E378 KEAASLLEA	1187	>MEN1-E378 KVAASLLEA	16	1171
>MEN1-E378 KEAASLLEA	11903	>MEN1-E378 KVAASLLEA	77	11826
>MEN1-E378 KEAASLLEA	43	>MEN1-E378 KVAASLLEA	34600	34557
>MEN1-E378 KEAASLLEA	10	>MEN1-E378 KVAASLLEA	24490	24480
>MEN1-E378 KEAASLLEA	152	>MEN1-E378 KVAASLLEA	36478	36326
>MEN1-E378 LKEAASLL	1166	>MEN1-E378 LKVAASLL	38	1128
>MEN1-E378 LKEAASLLEA	5575	>MEN1-E378 LKVAASLLEA	229	5346
>MEN1-E378 LKEAASLL	641	>MEN1-E378 LKVAASLL	278	363
>MEN1-E378 LLKEAASL	28	>MEN1-E378 LLKVAASL	116	88
>MEN1-E378 LLKEAASLL	19	>MEN1-E378 LLKVAASLL	94	75
>MEN1-E378 LLKEAASLLEA	107	>MEN1-E378 LLKVAASLLEA	508	401
>MEN1-E378 LLKEAASL	9	>MEN1-E378 LLKVAASL	40	31
>MEN1-E378 LLKEAASLL	7	>MEN1-E378 LLKVAASLL	49	42
>MEN1-E378 LLKEAASLLEA	7	>MEN1-E378 LLKVAASLLEA	38	31
>MEN1-E378 LLKEAASLLEA	426	>MEN1-E378 LLKVAASLLEA	3421	2995
>MEN1-E378 LLKEAASL	108	>MEN1-E378 LLKVAASL	959	851
>MEN1-E378 LLKEAASLL	266	>MEN1-E378 LLKVAASLL	4192	3926
>MEN1-E378 LLKEAASLLEA	338	>MEN1-E378 LLKVAASLLEA	3371	3033
>MEN1-E378 LLKEAASL	57	>MEN1-E378 LLKVAASL	535	478
>MEN1-E378 LLKEAASLL	208	>MEN1-E378 LLKVAASLL	2483	2275
>MEN1-E378 LLKEAASL	3	>MEN1-E378 LLKVAASL	9	6
>MEN1-E378 LLKEAASLL	5	>MEN1-E378 LLKVAASLL	22	17
>MEN1-E378 LLKEAASLLEA	7	>MEN1-E378 LLKVAASLLEA	28	21
>MEN1-E378 LLKEAASLLEA	669	>MEN1-E378 LLKVAASLLEA	377	292
>MEN1-E378 LLKEAASL	221	>MEN1-E378 LLKVAASL	147	74
>MEN1-E378 LLKEAASL	174	>MEN1-E378 LLKVAASL	184	10
>MEN1-E378 LLKEAASLL	426	>MEN1-E378 LLKVAASLL	169	257
>MEN1-E378 NLLKEAASL	451	>MEN1-E378 NLLKVAASL	160	291
>MEN1-E378 NLLKEAASL	92	>MEN1-E378 NLLKVAASL	81	11
>MEN1-E378 NLLKEAASLL	90	>MEN1-E378 NLLKVAASLL	106	16
>MEN1-E378 NLLKEAASL	518	>MEN1-E378 NLLKVAASL	185	333
>MEN1-E378 NLLKEAASLL	215	>MEN1-E378 NLLKVAASLL	233	18
>MEN1-E378 NLLKEAASL	467	>MEN1-E378 NLLKVAASL	209	258
>MEN1-E378 NLLKEAASL	83	>MEN1-E378 NLLKVAASL	13	70
>MEN1-E378 NLLKEAASLL	137	>MEN1-E378 NLLKVAASLL	63	74
>MEN1-E378 NLLKEAASL	26	>MEN1-E378 NLLKVAASL	19	7
>MEN1-E378 NLLKEAASLL	76	>MEN1-E378 NLLKVAASLL	90	14
>MEN1-E378 NLLKEAASL	227	>MEN1-E378 NLLKVAASL	35	192
>MEN1-E378 NLLKEAASLL	167	>MEN1-E378 NLLKVAASLL	70	97
>MEN1-E378 NLLKEAASL	43	>MEN1-E378 NLLKVAASL	24	19
>MEN1-E378 NLLKEAASLL	96	>MEN1-E378 NLLKVAASLL	72	24

>MEN1-E378 NLLKEAASL	33	>MEN1-E378 NLLKVAASL	27	6
>MEN1-E378 NLLKEAASLL	46	>MEN1-E378 NLLKVAASLL	61	15
>MEN1-E378 NLLKEAASL	485	>MEN1-E378 NLLKVAASL	179	306
>MEN1-E378 NLLKEAASLL	565	>MEN1-E378 NLLKVAASLL	445	120
>MEN1-E378 NLLKEAASL	231	>MEN1-E378 NLLKVAASL	325	94
>MEN1-E378 NLLKEAASL	398	>MEN1-E378 NLLKVAASL	169	229
>MEN1-E378 IPNLLKEAA	1606	>MEN1-E378 IPNLLKVAA	321	1285
>MEN1-E378 IPNLLKEAASL	44	>MEN1-E378 IPNLLKVAASL	29	15
>MEN1-E378 IPNLLKEAASL	420	>MEN1-E378 IPNLLKVAASL	256	164
>MEN1-E378 IPNLLKEAASL	151	>MEN1-E378 IPNLLKVAASL	149	2
>MEN1-E378 IPNLLKEA	27	>MEN1-E378 IPNLLKVA	12	15
>MEN1-E378 IPNLLKEAA	17	>MEN1-E378 IPNLLKVAA	7	10
>MEN1-E378 VIPNLLKE	22449	>MEN1-E378 VIPNLLKV	79	22370
>MEN1-E378 VIPNLLKE	23542	>MEN1-E378 VIPNLLKV	135	23407
>MEN1-E378 VIPNLLKE	26227	>MEN1-E378 VIPNLLKV	30	26197
>MEN1-E378 VIPNLLKE	23800	>MEN1-E378 VIPNLLKV	84	23716
>MEN1-E378 VIPNLLKE	26638	>MEN1-E378 VIPNLLKV	9	26629
>MEN1-E378 DVIPNLLKE	34077	>MEN1-E378 DVIPNLLKV	295	33782
>MEN1-E378 DVIPNLLKE	1148	>MEN1-E378 DVIPNLLKV	273	875
>MEN1-E378 DVIPNLLKE	23018	>MEN1-E378 DVIPNLLKV	41	22977
>MEN1-E378 DVIPNLLKEA\	123	>MEN1-E378 DVIPNLLKVA\	117	6
>MEN1-E378 DVIPNLLKE	17153	>MEN1-E378 DVIPNLLKV	28	17125
>MEN1-E45C EHFLAVNRVI	223	>MEN1-E45C DHFLAVNRVI	333	110
>MEN1-E45C EHFLAVNR	45	>MEN1-E45C DHFLAVNR	172	127
>MEN1-E45C EHFLAVNRVI	454	>MEN1-E45C DHFLAVNRVI	2085	1631
>MEN1-E45C EHFLAVNR	171	>MEN1-E45C DHFLAVNR	479	308
>MEN1-E45C VEHFLAVNR\	361	>MEN1-E45C VDHFLAVNR\	8986	8625
>MEN1-E45C VEHFLAVNR\	38	>MEN1-E45C VDHFLAVNR\	1098	1060
>MEN1-E45C VEHFLAVNR\	100	>MEN1-E45C VDHFLAVNR\	18060	17960
>MEN1-E45C VEHFLAVNR\	150	>MEN1-E45C VDHFLAVNR\	1582	1432
>MEN1-E45C VEHFLAVNR\	366	>MEN1-E45C VDHFLAVNR\	10416	10050
>MEN1-E45C VEHFLAVNR\	38	>MEN1-E45C VDHFLAVNR\	1418	1380
>MEN1-E45C VEHFLAVNR	386	>MEN1-E45C VDHFLAVNR	1322	936
>MEN1-E45C FVEHFLAV	4207	>MEN1-E45C FVDHFLAV	462	3745
>MEN1-E45C FVEHFLAV	85	>MEN1-E45C FVDHFLAV	12	73
>MEN1-E45C FVEHFLAVNR	227	>MEN1-E45C FVDHFLAVNF	20	207
>MEN1-E45C FVEHFLAV	48	>MEN1-E45C FVDHFLAV	19	29
>MEN1-E45C FVEHFLAVNR	30	>MEN1-E45C FVDHFLAVNF	13	17
>MEN1-E45C FVEHFLAV	30	>MEN1-E45C FVDHFLAV	20	10
>MEN1-E45C FVEHFLAVNR	30	>MEN1-E45C FVDHFLAVNF	20	10
>MEN1-E45C FVEHFLAV	5	>MEN1-E45C FVDHFLAV	3	2
>MEN1-E45C FVEHFLAVNR	17	>MEN1-E45C FVDHFLAVNF	7	10
>MEN1-E45C FVEHFLAV	70	>MEN1-E45C FVDHFLAV	6	64

>MEN1-E45C FVEHFLAVNR	117	>MEN1-E45C FVDHFLAVNF	8	109
>MEN1-E45C FVEHFLAV	151	>MEN1-E45C FVDHFLAV	15	136
>MEN1-E45C FVEHFLAVNR	326	>MEN1-E45C FVDHFLAVNF	25	301
>MEN1-E45C FVEHFLAV	1655	>MEN1-E45C FVDHFLAV	27	1628
>MEN1-E45C FVEHFLAVNR	1735	>MEN1-E45C FVDHFLAVNF	30	1705
>MEN1-E45C FVEHFLAV	5974	>MEN1-E45C FVDHFLAV	113	5861
>MEN1-E45C FVEHFLAVNR	3016	>MEN1-E45C FVDHFLAVNF	35	2981
>MEN1-E45C FVEHFLAV	13	>MEN1-E45C FVDHFLAV	7	6
>MEN1-E45C FVEHFLAVNR	10	>MEN1-E45C FVDHFLAVNF	6	4
>MEN1-E45C FVEHFLAVNR	116	>MEN1-E45C FVDHFLAVNF	86	30
>MEN1-E45C FVEHFLAVNR	153	>MEN1-E45C FVDHFLAVNF	139	14
>MEN1-E45C FVEHFLAVNR	74	>MEN1-E45C FVDHFLAVNF	47	27
>MEN1-E45C FVEHFLAV	133	>MEN1-E45C FVDHFLAV	140	7
>MEN1-E45C FVEHFLAVNR	57	>MEN1-E45C FVDHFLAVNF	56	1
>MEN1-E45C FVEHFLAV	74	>MEN1-E45C FVDHFLAV	9	65
>MEN1-E45C FVEHFLAVNR	249	>MEN1-E45C FVDHFLAVNF	19	230
>MEN1-E45C FVEHFLAVNR	373	>MEN1-E45C FVDHFLAVNF	799	426
>MEN1-E45C GFVEHFLAV	85	>MEN1-E45C GFVDHFLAV	106	21
>MEN1-E45C GFVEHFLAV	919	>MEN1-E45C GFVDHFLAV	303	616
>MEN1-E45C GFVEHFLAVN	68	>MEN1-E45C GFVDHFLAVN	51	17
>MEN1-E45C GFVEHFLAVN	71	>MEN1-E45C GFVDHFLAVN	47	24
>MEN1-E45C GFVEHFLAV	592	>MEN1-E45C GFVDHFLAV	374	218
>MEN1-E45C VLG FVEHFL	136	>MEN1-E45C VLG FVDHFL	136	0
>MEN1-E45C VLG FVEHFLA	56	>MEN1-E45C VLG FVDHFLA	54	2
>MEN1-E45C VLG FVEHFL	18	>MEN1-E45C VLG FVDHFL	17	1
>MEN1-E45C VLG FVEHFLA	441	>MEN1-E45C VLG FVDHFLA	585	144
>MEN1-E45C VLG FVEHFLA	42	>MEN1-E45C VLG FVDHFLA	37	5
>MEN1-E45C VLG FVEHFLA	42	>MEN1-E45C VLG FVDHFLA	32	10
>MEN1-E45C VLG FVEHFLA	107	>MEN1-E45C VLG FVDHFLA	77	30
>MEN1-E45C VLG FVEHFL	5	>MEN1-E45C VLG FVDHFL	7	2
>MEN1-E45C VLG FVEHFLA	32	>MEN1-E45C VLG FVDHFLA	37	5
>MEN1-E45C VLG FVEHFLA	2	>MEN1-E45C VLG FVDHFLA	3	1
>MEN1-E45C VLG FVEHFL	17	>MEN1-E45C VLG FVDHFL	13	4
>MEN1-E45C VLG FVEHFLA	387	>MEN1-E45C VLG FVDHFLA	242	145
>MEN1-E45C VLG FVEHFLA	7	>MEN1-E45C VLG FVDHFLA	6	1
>MEN1-E45C VLG FVEHFL	8	>MEN1-E45C VLG FVDHFL	8	0
>MEN1-E45C VLG FVEHFLA	52	>MEN1-E45C VLG FVDHFLA	45	7
>MEN1-E45C VLG FVEHFLA	8	>MEN1-E45C VLG FVDHFLA	8	0
>MEN1-E45C VLG FVEHFL	8	>MEN1-E45C VLG FVDHFL	12	4
>MEN1-E45C VLG FVEHFLA	377	>MEN1-E45C VLG FVDHFLA	379	2
>MEN1-E45C VLG FVEHFLA	8	>MEN1-E45C VLG FVDHFLA	9	1
>MEN1-E45C VLG FVEHFL	5	>MEN1-E45C VLG FVDHFL	6	1
>MEN1-E45C VLG FVEHFLA	17	>MEN1-E45C VLG FVDHFLA	18	1



>MEN1-E45C VLGFVEHFLA	3	>MEN1-E45C VLGFVDHFLA	3	0
>MEN1-E45C VLGFVEHF	537	>MEN1-E45C VLGFVDHF	475	62
>MEN1-E45C VLGFVEHF	202	>MEN1-E45C VLGFVDHF	219	17
>MEN1-E45C LVLGFVEHF	235	>MEN1-E45C LVLGFVDHF	193	42
>MEN1-E45C LVLGFVEHFL	143	>MEN1-E45C LVLGFVDHFL	112	31
>MEN1-E45C LVLGFVEHFL	298	>MEN1-E45C LVLGFVDHFL	332	34
>MEN1-E45C LVLGFVEHFL	34	>MEN1-E45C LVLGFVDHFL	32	2
>MEN1-E45C LVLGFVEHFL	316	>MEN1-E45C LVLGFVDHFL	370	54
>MEN1-E45C LVLGFVEHFL	377	>MEN1-E45C LVLGFVDHFL	330	47
>MEN1-E45C LVLGFVEHF	308	>MEN1-E45C LVLGFVDHF	356	48
>MEN1-E45C LVLGFVEHFL	98	>MEN1-E45C LVLGFVDHFL	65	33
>MEN1-E45C LVLGFVEHFL	34	>MEN1-E45C LVLGFVDHFL	32	2
>MEN1-E45C LVLGFVEHFL	14	>MEN1-E45C LVLGFVDHFL	22	8
>MEN1-E45C LVLGFVEHFL	121	>MEN1-E45C LVLGFVDHFL	148	27
>MEN1-E45C LVLGFVEHFL	450	>MEN1-E45C LVLGFVDHFL	294	156
>MEN1-E45C LVLGFVEHFL	45	>MEN1-E45C LVLGFVDHFL	40	5
>MEN1-E45C LVLGFVEHFL	32	>MEN1-E45C LVLGFVDHFL	50	18
>MEN1-E45C LVLGFVEHFL	18	>MEN1-E45C LVLGFVDHFL	29	11
>MEN1-E45C LVLGFVEHFL	121	>MEN1-E45C LVLGFVDHFL	168	47
>MEN1-E45C LVLGFVEHF	63	>MEN1-E45C LVLGFVDHF	48	15
>MEN1-E45C LVLGFVEHF	34	>MEN1-E45C LVLGFVDHF	33	1
>MEN1-E45C LVLGFVEHFL	516	>MEN1-E45C LVLGFVDHFL	468	48
>MEN1-E45C LVLGFVEHF	181	>MEN1-E45C LVLGFVDHF	338	157
>MEN1-E45C LVLGFVEHFL	289	>MEN1-E45C LVLGFVDHFL	697	408
>MEN1-E45C LVLGFVEHFL	192	>MEN1-E45C LVLGFVDHFL	247	55
>MEN1-E45C LVLGFVEHF	113	>MEN1-E45C LVLGFVDHF	321	208
>MEN1-E45C LVLGFVEHF	353	>MEN1-E45C LVLGFVDHF	809	456
>MEN1-E45C LVLGFVEHF	252	>MEN1-E45C LVLGFVDHF	818	566
>MEN1-E45C LVLGFVEHF	69	>MEN1-E45C LVLGFVDHF	150	81
>MEN1-E45C LVLGFVEHF	383	>MEN1-E45C LVLGFVDHF	509	126
>MEN1-E45C SLVLGFVEHFI	75	>MEN1-E45C SLVLGFVDHF	115	40
>MEN1-E45C SLVLGFVEHFI	14	>MEN1-E45C SLVLGFVDHF	20	6
>MEN1-E45C SLVLGFVEHFI	206	>MEN1-E45C SLVLGFVDHF	201	5
>MEN1-E45C SLVLGFVEHFI	149	>MEN1-E45C SLVLGFVDHF	127	22
>MEN1-E45C SLVLGFVEHFI	16	>MEN1-E45C SLVLGFVDHF	33	17
>MEN1-E45C SLVLGFVEHFI	33	>MEN1-E45C SLVLGFVDHF	37	4
>MEN1-E45C SLVLGFVEHFI	11	>MEN1-E45C SLVLGFVDHF	14	3
>MEN1-E45C SLVLGFVEHFI	254	>MEN1-E45C SLVLGFVDHF	420	166
>MEN1-E45C SLVLGFVEHFI	4	>MEN1-E45C SLVLGFVDHF	6	2
>MEN1-E45C SLVLGFVEHF	243	>MEN1-E45C SLVLGFVDHF	268	25
>MEN1-E45C SLVLGFVEHF	57	>MEN1-E45C SLVLGFVDHF	115	58
>MEN1-E45C SLVLGFVEHF	214	>MEN1-E45C SLVLGFVDHF	438	224
>MEN1-E45C LSLVLGFVEHI	103	>MEN1-E45C LSLVLGFVDH	210	107

>MEN1-E45C LSLVLGFVEHI	36	>MEN1-E45C LSLVLGFVDH	65	29
>MEN1-E45C LSLVLGFVEHI	5	>MEN1-E45C LSLVLGFVDH	7	2
>MEN1-E45C LSLVLGFVEHI	132	>MEN1-E45C LSLVLGFVDH	217	85
>MEN1-E45C LSLVLGFVEHI	18	>MEN1-E45C LSLVLGFVDH	23	5
>MEN1-E45C LSLVLGFVEHI	86	>MEN1-E45C LSLVLGFVDH	111	25
>MEN1-F159 FAVVGACQA	132	>MEN1-F159 CAVVGACQA	10597	10465
>MEN1-F159 FAVVGACQA	353	>MEN1-F159 CAVVGACQA	8663	8310
>MEN1-F159 FAVVGACQA	468	>MEN1-F159 CAVVGACQA	2133	1665
>MEN1-F159 FAVVGACQA	378	>MEN1-F159 CAVVGACQA	2099	1721
>MEN1-F159 FAVVGACQA	55	>MEN1-F159 CAVVGACQA	455	400
>MEN1-F159 FAVVGACQA	139	>MEN1-F159 CAVVGACQA	3376	3237
>MEN1-F159 FAVVGACQA	35	>MEN1-F159 CAVVGACQA	539	504
>MEN1-F159 GTKLDSSGVA	138	>MEN1-F159 GTKLDSSGVA	14352	14214
>MEN1-F159 GTKLDSSGVA	148	>MEN1-F159 GTKLDSSGVA	14984	14836
>MEN1-F159 GTKLDSSGVA	17	>MEN1-F159 GTKLDSSGVA	15309	15292
>MEN1-F159 GTKLDSSGVA	39	>MEN1-F159 GTKLDSSGVA	5577	5538
>MEN1-F159 VAFVAVGA	318	>MEN1-F159 VACAVVGA	1766	1448
>MEN1-F159 VAFVAVGA	299	>MEN1-F159 VACAVVGA	2553	2254
>MEN1-F159 VAFVAVGAC	399	>MEN1-F159 VACAVVAC	2946	2547
>MEN1-F159 VAFVAVGA	266	>MEN1-F159 VACAVVGA	4107	3841
>MEN1-F159 GVAFAVVGA	327	>MEN1-F159 GVACAVVGA	443	116
>MEN1-F159 GVAFAVVGA	80	>MEN1-F159 GVACAVVGA	62	18
>MEN1-F159 GVAFAVVGA	547	>MEN1-F159 GVACAVVGA	228	319
>MEN1-F159 GVAFAVVGA	164	>MEN1-F159 GVACAVVGA	158	6
>MEN1-F159 SGVAFVAV	141	>MEN1-F159 SGVACAVV	6441	6300
>MEN1-F159 SGVAFVAV	435	>MEN1-F159 SGVACAVV	1327	892
>MEN1-F159 SSGVAFVAV	399	>MEN1-F159 SSGVACAV	4090	3691
>MEN1-F159 SSGVAFVAV	434	>MEN1-F159 SSGVACAV	2341	1907
>MEN1-F159 SSGVAFVAV	297	>MEN1-F159 SSGVACAV	1832	1535
>MEN1-F159 SSGVAFVAV	258	>MEN1-F159 SSGVACAVV	2670	2412
>MEN1-F159 DSSGVAFVA	79	>MEN1-F159 DSSGVACA	976	897
>MEN1-F159 DSSGVAFVAV	13	>MEN1-F159 DSSGVACAV	45	32
>MEN1-F159 DSSGVAFVAV	90	>MEN1-F159 DSSGVACAV	149	59
>MEN1-F159 DSSGVAFVAV	56	>MEN1-F159 DSSGVACAV	403	347
>MEN1-F159 LDSSGVAF	122	>MEN1-F159 LDSSGVAC	16641	16519
>MEN1-F159 LDSSGVAFVAV	124	>MEN1-F159 LDSSGVACAV	260	136
>MEN1-F159 LDSSGVAFVAV	185	>MEN1-F159 LDSSGVACAV	274	89
>MEN1-F159 KLDSSGVAFVA	343	>MEN1-F159 KLDSSGVACA	1958	1615
>MEN1-F159 KLDSSGVAFVA	13	>MEN1-F159 KLDSSGVACA	27	14
>MEN1-F159 KLDSSGVAFVA	63	>MEN1-F159 KLDSSGVACA	369	306
>MEN1-F159 KLDSSGVAFVA	13	>MEN1-F159 KLDSSGVACA	32	19
>MEN1-F159 KLDSSGVAFVA	69	>MEN1-F159 KLDSSGVACA	253	184
>MEN1-F159 KLDSSGVAFVA	40	>MEN1-F159 KLDSSGVACA	52	12

>MEN1-F159 KLDSSGVAFA	9	>MEN1-F159 KLDSSGVACA	20	11
>MEN1-F159 KLDSSGVAF	719	>MEN1-F159 KLDSSGVAC	64	655
>MEN1-F159 KLDSSGVAFA	9	>MEN1-F159 KLDSSGVACA	36	27
>MEN1-F159 KLDSSGVAFA	2	>MEN1-F159 KLDSSGVACA	2	0
>MEN1-F159 KLDSSGVAF	3425	>MEN1-F159 KLDSSGVAC	195	3230
>MEN1-F159 KLDSSGVAFA	16	>MEN1-F159 KLDSSGVACA	35	19
>MEN1-F159 KLDSSGVAFA	3	>MEN1-F159 KLDSSGVACA	3	0
>MEN1-F159 KLDSSGVAFA	13	>MEN1-F159 KLDSSGVACA	23	10
>MEN1-F159 KLDSSGVAFA	5	>MEN1-F159 KLDSSGVACA	5	0
>MEN1-F159 KLDSSGVAFA	69	>MEN1-F159 KLDSSGVACA	153	84
>MEN1-F159 KLDSSGVAFA	5	>MEN1-F159 KLDSSGVACA	9	4
>MEN1-F159 KLDSSGVAFA	26	>MEN1-F159 KLDSSGVACA	66	40
>MEN1-F159 KLDSSGVAFA	3	>MEN1-F159 KLDSSGVACA	4	1
>MEN1-F159 KLDSSGVAF	82	>MEN1-F159 KLDSSGVAC	5118	5036
>MEN1-F159 KLDSSGVAF	175	>MEN1-F159 KLDSSGVAC	16816	16641
>MEN1-F159 KLDSSGVAF	333	>MEN1-F159 KLDSSGVAC	23030	22697
>MEN1-F159 KLDSSGVAF	17	>MEN1-F159 KLDSSGVAC	6599	6582
>MEN1-F159 KLDSSGVAF	438	>MEN1-F159 KLDSSGVAC	23579	23141
>MEN1-F159 TKLDSSGVAF	3	>MEN1-F159 TKLDSSGVAC	846	843
>MEN1-F159 TKLDSSGVAF	392	>MEN1-F159 TKLDSSGVAC	4775	4383
>MEN1-F410 FAHLLRFYDG	414	>MEN1-F410 LAHLLRFYDG	2781	2367
>MEN1-F410 FAHLLRFY	76	>MEN1-F410 LAHLLRFY	346	270
>MEN1-F410 FAHLLRFY	915	>MEN1-F410 LAHLLRFY	342	573
>MEN1-F410 FAHLLRFYDG	82	>MEN1-F410 LAHLLRFYDG	747	665
>MEN1-F410 FAHLLRFY	113	>MEN1-F410 LAHLLRFY	116	3
>MEN1-F410 FAHLLRFY	232	>MEN1-F410 LAHLLRFY	775	543
>MEN1-F410 FAHLLRFYDG	221	>MEN1-F410 LAHLLRFYDG	176	45
>MEN1-F410 CFAHLLRF	99	>MEN1-F410 CLAHLLRF	2073	1974
>MEN1-F410 CFAHLLRF	368	>MEN1-F410 CLAHLLRF	4673	4305
>MEN1-F410 CFAHLLRF	13	>MEN1-F410 CLAHLLRF	1845	1832
>MEN1-F410 CFAHLLRFY	888	>MEN1-F410 CLAHLLRFY	229	659
>MEN1-F410 CFAHLLRF	236	>MEN1-F410 CLAHLLRF	816	580
>MEN1-F410 CFAHLLRFY	18	>MEN1-F410 CLAHLLRFY	43	25
>MEN1-F410 CFAHLLRFY	97	>MEN1-F410 CLAHLLRFY	36	61
>MEN1-F410 CFAHLLRFY	53	>MEN1-F410 CLAHLLRFY	13	40
>MEN1-F410 CFAHLLRFY	145	>MEN1-F410 CLAHLLRFY	185	40
>MEN1-F410 ECFAHLLRF	162	>MEN1-F410 ECLAHLLRF	23	139
>MEN1-F410 ECFAHLLRFY	17	>MEN1-F410 ECLAHLLRFY	6	11
>MEN1-F410 ECFAHLLRFY	461	>MEN1-F410 ECLAHLLRFY	281	180
>MEN1-F410 ECFAHLLRFY	400	>MEN1-F410 ECLAHLLRFY	1639	1239
>MEN1-F410 ECFAHLLRFY	478	>MEN1-F410 ECLAHLLRFY	1375	897
>MEN1-F410 ECFAHLLR	164	>MEN1-F410 ECLAHLLR	340	176
>MEN1-F410 ECFAHLLR	43	>MEN1-F410 ECLAHLLR	1085	1042

>MEN1-F410 ECFAHLLRFY	330	>MEN1-F410 ECLAHLLRFY	303	27
>MEN1-F410 ECFAHLLR	39	>MEN1-F410 ECLAHLLR	70	31
>MEN1-F410 PECFAHLL	56	>MEN1-F410 PECLAHLL	25	31
>MEN1-F410 PECFAHLLRF\	69	>MEN1-F410 PECLAHLLRF\	74	5
>MEN1-F410 PECFAHLL	129	>MEN1-F410 PECLAHLL	198	69
>MEN1-F410 PECFAHLLRF\	443	>MEN1-F410 PECLAHLLRF\	637	194
>MEN1-F410 DPECFAHLLR	185	>MEN1-F410 DPECLAHLLR	401	216
>MEN1-F410 DPECFAHLLR	129	>MEN1-F410 DPECLAHLLR	122	7
>MEN1-F410 DPECFAHL	475	>MEN1-F410 DPECLAHL	2227	1752
>MEN1-F410 DPECFAHLL	479	>MEN1-F410 DPECLAHLL	1859	1380
>MEN1-F410 DPECFAHLLR	104	>MEN1-F410 DPECLAHLLR	201	97
>MEN1-F410 QDPECFAHLL	161	>MEN1-F410 QDPECLAHLL	724	563
>MEN1-F410 QDPECFAHLL	233	>MEN1-F410 QDPECLAHLL	564	331
>MEN1-F410 LQDPECFAHL	240	>MEN1-F410 LQDPECLAHL	696	456
>MEN1-F410 LQDPECFAHL	74	>MEN1-F410 LQDPECLAHL	205	131
>MEN1-F410 LQDPECFA	33	>MEN1-F410 LQDPECLA	111	78
>MEN1-F410 LQDPECFAHL	176	>MEN1-F410 LQDPECLAHL	178	2
>MEN1-F410 LQDPECFAHL	16	>MEN1-F410 LQDPECLAHL	25	9
>MEN1-F410 LQDPECFAHL	163	>MEN1-F410 LQDPECLAHL	204	41
>MEN1-F410 ALQDPECF	14715	>MEN1-F410 ALQDPECL	219	14496
>MEN1-F410 ALQDPECFA	219	>MEN1-F410 ALQDPECLA	465	246
>MEN1-F410 ALQDPECFA\	55	>MEN1-F410 ALQDPECLA\	54	1
>MEN1-F410 ALQDPECF	5835	>MEN1-F410 ALQDPECL	79	5756
>MEN1-F410 ALQDPECFA	343	>MEN1-F410 ALQDPECLA	872	529
>MEN1-F410 ALQDPECFA\	27	>MEN1-F410 ALQDPECLA\	27	0
>MEN1-F410 ALQDPECFA\	163	>MEN1-F410 ALQDPECLA\	118	45
>MEN1-F410 ALQDPECFA\	97	>MEN1-F410 ALQDPECLA\	146	49
>MEN1-F410 ALQDPECF	2140	>MEN1-F410 ALQDPECL	24	2116
>MEN1-F410 ALQDPECFA	10	>MEN1-F410 ALQDPECLA	27	17
>MEN1-F410 ALQDPECFA\	11	>MEN1-F410 ALQDPECLA\	9	2
>MEN1-F410 ALQDPECF	8656	>MEN1-F410 ALQDPECL	25	8631
>MEN1-F410 ALQDPECFA	43	>MEN1-F410 ALQDPECLA	176	133
>MEN1-F410 ALQDPECFA\	8	>MEN1-F410 ALQDPECLA\	8	0
>MEN1-F410 ALQDPECF	13194	>MEN1-F410 ALQDPECL	91	13103
>MEN1-F410 ALQDPECFA	31	>MEN1-F410 ALQDPECLA	120	89
>MEN1-F410 ALQDPECFA\	35	>MEN1-F410 ALQDPECLA\	35	0
>MEN1-F410 ALQDPECF	11547	>MEN1-F410 ALQDPECL	72	11475
>MEN1-F410 ALQDPECFA	189	>MEN1-F410 ALQDPECLA	1505	1316
>MEN1-F410 ALQDPECFA\	62	>MEN1-F410 ALQDPECLA\	60	2
>MEN1-F410 ALQDPECF	1291	>MEN1-F410 ALQDPECL	7	1284
>MEN1-F410 ALQDPECFA	4	>MEN1-F410 ALQDPECLA	4	0
>MEN1-F410 ALQDPECFA\	2	>MEN1-F410 ALQDPECLA\	2	0
>MEN1-F410 ALQDPECF	403	>MEN1-F410 ALQDPECL	6712	6309

>MEN1-F410 ALQDPECF	349	>MEN1-F410 ALQDPECL	5339	4990
>MEN1-F410 SALQDPECF	251	>MEN1-F410 SALQDPECL	5321	5070
>MEN1-F410 GSALQDPECF	219	>MEN1-F410 GSALQDPECL	2999	2780
>MEN1-F410 GSALQDPECF	68	>MEN1-F410 GSALQDPECL	523	455
>MEN1-G15€GVAFAVVGA	327	>MEN1-G15€DVAFAVVGA	8565	8238
>MEN1-G15€GVAFAVVGA	80	>MEN1-G15€DVAFAVVGA	2940	2860
>MEN1-G15€GVAFAVVGA	4053	>MEN1-G15€DVAFAVVGA	260	3793
>MEN1-G15€GVAFAVVGA	164	>MEN1-G15€DVAFAVVGA	9	155
>MEN1-G15€GVAFAVVGA	7752	>MEN1-G15€DVAFAVVGA	139	7613
>MEN1-G15€SGVAFAVV	141	>MEN1-G15€SDVAFAVV	1983	1842
>MEN1-G15€SGVAFAVV	435	>MEN1-G15€SDVAFAVV	2629	2194
>MEN1-G15€SGVAFAVV	8604	>MEN1-G15€SDVAFAVV	66	8538
>MEN1-G15€SSGVAFAV	16300	>MEN1-G15€SSDVAFAV	496	15804
>MEN1-G15€SSGVAFAV	399	>MEN1-G15€SSDVAFAV	48	351
>MEN1-G15€SSGVAFAV	1489	>MEN1-G15€SSDVAFAV	187	1302
>MEN1-G15€SSGVAFAV	434	>MEN1-G15€SSDVAFAV	934	500
>MEN1-G15€SSGVAFAV	297	>MEN1-G15€SSDVAFAV	58	239
>MEN1-G15€SSGVAFAV	1934	>MEN1-G15€SSDVAFAV	401	1533
>MEN1-G15€SSGVAFAV	258	>MEN1-G15€SSDVAFAV	238	20
>MEN1-G15€DSSGVAFA	79	>MEN1-G15€DSSDVAFA	64	15
>MEN1-G15€DSSGVAFAV	13	>MEN1-G15€DSSDVAFAV	11	2
>MEN1-G15€DSSGVAFAV	90	>MEN1-G15€DSSDVAFAV	67	23
>MEN1-G15€DSSGVAFAV	56	>MEN1-G15€DSSDVAFAV	18	38
>MEN1-G15€DSSGVAFAV	530	>MEN1-G15€DSSDVAFAV	150	380
>MEN1-G15€LDSSGVAF	122	>MEN1-G15€LDSSDVAF	258	136
>MEN1-G15€LDSSGVAF	716	>MEN1-G15€LDSSDVAF	475	241
>MEN1-G15€LDSSGVAF	124	>MEN1-G15€LDSSDVAFAV	65	59
>MEN1-G15€LDSSGVAF	185	>MEN1-G15€LDSSDVAFAV	102	83
>MEN1-G15€KLDSSGVAFA	343	>MEN1-G15€KLDSSDVAFA	208	135
>MEN1-G15€KLDSSGVAFA	13	>MEN1-G15€KLDSSDVAFA	11	2
>MEN1-G15€KLDSSGVAFA	63	>MEN1-G15€KLDSSDVAFA	61	2
>MEN1-G15€KLDSSGVAFA	13	>MEN1-G15€KLDSSDVAFA	11	2
>MEN1-G15€KLDSSGVAFA	69	>MEN1-G15€KLDSSDVAFA	135	66
>MEN1-G15€KLDSSGVAFA	40	>MEN1-G15€KLDSSDVAFA	63	23
>MEN1-G15€KLDSSGVAFA	9	>MEN1-G15€KLDSSDVAFA	8	1
>MEN1-G15€KLDSSGVA	83	>MEN1-G15€KLDSSDVA	105	22
>MEN1-G15€KLDSSGVAFA	9	>MEN1-G15€KLDSSDVAFA	18	9
>MEN1-G15€KLDSSGVAFA	2	>MEN1-G15€KLDSSDVAFA	2	0
>MEN1-G15€KLDSSGVA	260	>MEN1-G15€KLDSSDVA	97	163
>MEN1-G15€KLDSSGVAFA	16	>MEN1-G15€KLDSSDVAFA	16	0
>MEN1-G15€KLDSSGVAFA	3	>MEN1-G15€KLDSSDVAFA	3	0
>MEN1-G15€KLDSSGVA	137	>MEN1-G15€KLDSSDVA	51	86
>MEN1-G15€KLDSSGVAFA	13	>MEN1-G15€KLDSSDVAFA	14	1

>MEN1-G15€KLDSSGVAFA	5	>MEN1-G15€KLDSSDVAF	5	0
>MEN1-G15€KLDSSGVAFA	69	>MEN1-G15€KLDSSDVAF	92	23
>MEN1-G15€KLDSSGVAFA	5	>MEN1-G15€KLDSSDVAF	6	1
>MEN1-G15€KLDSSGVA	306	>MEN1-G15€KLDSSDVA	251	55
>MEN1-G15€KLDSSGVAFA	26	>MEN1-G15€KLDSSDVAF	42	16
>MEN1-G15€KLDSSGVAFA	3	>MEN1-G15€KLDSSDVAF	4	1
>MEN1-G15€KLDSSGVA	82	>MEN1-G15€KLDSSDVA	63	19
>MEN1-G15€KLDSSGVA	175	>MEN1-G15€KLDSSDVA	398	223
>MEN1-G15€KLDSSGVA	333	>MEN1-G15€KLDSSDVA	910	577
>MEN1-G15€KLDSSGVA	17	>MEN1-G15€KLDSSDVA	78	61
>MEN1-G15€KLDSSGVA	438	>MEN1-G15€KLDSSDVA	642	204
>MEN1-G15€TKLDSSGV	482	>MEN1-G15€TKLDSSDV	294	188
>MEN1-G15€TKLDSSGVA	3	>MEN1-G15€TKLDSSDVA	3	0
>MEN1-G15€TKLDSSGVA	392	>MEN1-G15€TKLDSSDVA	607	215
>MEN1-G15€GTKLDSSGV	292	>MEN1-G15€GTKLDSSDV	1408	1116
>MEN1-G15€GTKLDSSGVA	138	>MEN1-G15€GTKLDSSDVA	217	79
>MEN1-G15€GTKLDSSGVA	148	>MEN1-G15€GTKLDSSDVA	290	142
>MEN1-G15€GTKLDSSGVA	17	>MEN1-G15€GTKLDSSDVA	26	9
>MEN1-G15€GTKLDSSGV	152	>MEN1-G15€GTKLDSSDV	258	106
>MEN1-G15€GTKLDSSGVA	39	>MEN1-G15€GTKLDSSDVA	83	44
>MEN1-G15€ITGTKLDSSG\	450	>MEN1-G15€ITGTKLDSSD\	1554	1104
>MEN1-G15€ITGTKLDSSG\	499	>MEN1-G15€ITGTKLDSSD\	3518	3019
>MEN1-G42€GFVEHFLAV	710	>MEN1-G42€SFVEHFLAV	485	225
>MEN1-G42€GFVEHFLAV	85	>MEN1-G42€SFVEHFLAV	28	57
>MEN1-G42€GFVEHFLAV	795	>MEN1-G42€SFVEHFLAV	334	461
>MEN1-G42€GFVEHFLAV\	68	>MEN1-G42€SFVEHFLAV\	32	36
>MEN1-G42€GFVEHFLAV\	1013	>MEN1-G42€SFVEHFLAV\	245	768
>MEN1-G42€GFVEHFLAV\	1372	>MEN1-G42€SFVEHFLAV\	212	1160
>MEN1-G42€GFVEHFLAV\	613	>MEN1-G42€SFVEHFLAV\	438	175
>MEN1-G42€GFVEHFLAV\	71	>MEN1-G42€SFVEHFLAV\	24	47
>MEN1-G42€GFVEHFLAV	592	>MEN1-G42€SFVEHFLAV	88	504
>MEN1-G42€GFVEHFLAV	2611	>MEN1-G42€SFVEHFLAV	321	2290
>MEN1-G42€LGFVEHFL	2307	>MEN1-G42€LSFVEHFL	478	1829
>MEN1-G42€LGFVEHFL	690	>MEN1-G42€LSFVEHFL	312	378
>MEN1-G42€LGFVEHFLAV	2267	>MEN1-G42€LSFVEHFLAV	337	1930
>MEN1-G42€LGFVEHFLAV	816	>MEN1-G42€LSFVEHFLAV	123	693
>MEN1-G42€LGFVEHFLAV	12522	>MEN1-G42€LSFVEHFLAV	403	12119
>MEN1-G42€LGFVEHFL	4058	>MEN1-G42€LSFVEHFL	471	3587
>MEN1-G42€LGFVEHFLAV	1207	>MEN1-G42€LSFVEHFLAV	73	1134
>MEN1-G42€LGFVEHFL	5606	>MEN1-G42€LSFVEHFL	24	5582
>MEN1-G42€LGFVEHFLAV	15613	>MEN1-G42€LSFVEHFLAV	245	15368
>MEN1-G42€LGFVEHFL	8238	>MEN1-G42€LSFVEHFL	298	7940
>MEN1-G42€LGFVEHFL	5369	>MEN1-G42€LSFVEHFL	126	5243

>MEN1-G42S LGFVEHFL	2242	>MEN1-G42S LSFVEHFL	110	2132
>MEN1-G42S VLG FVEHFL	136	>MEN1-G42S VLSFVEHFL	54	82
>MEN1-G42S VLG FVEHFLA	647	>MEN1-G42S VLSFVEHFLA	497	150
>MEN1-G42S VLG FVEHFLA	56	>MEN1-G42S VLSFVEHFLA\	26	30
>MEN1-G42S VLG FVEHFL	18	>MEN1-G42S VLSFVEHFL	4	14
>MEN1-G42S VLG FVEHFLA	441	>MEN1-G42S VLSFVEHFLA	135	306
>MEN1-G42S VLG FVEHFLA	42	>MEN1-G42S VLSFVEHFLA\	6	36
>MEN1-G42S VLG FVEHFL	1065	>MEN1-G42S VLSFVEHFL	110	955
>MEN1-G42S VLG FVEHFLA	42	>MEN1-G42S VLSFVEHFLA\	8	34
>MEN1-G42S VLG FVEHFLA	107	>MEN1-G42S VLSFVEHFLA\	42	65
>MEN1-G42S VLG FVEHFL	5	>MEN1-G42S VLSFVEHFL	7	2
>MEN1-G42S VLG FVEHFLA	32	>MEN1-G42S VLSFVEHFLA	51	19
>MEN1-G42S VLG FVEHFLA	2	>MEN1-G42S VLSFVEHFLA\	3	1
>MEN1-G42S VLG FVEHFL	17	>MEN1-G42S VLSFVEHFL	20	3
>MEN1-G42S VLG FVEHFLA	387	>MEN1-G42S VLSFVEHFLA	551	164
>MEN1-G42S VLG FVEHFLA	7	>MEN1-G42S VLSFVEHFLA\	7	0
>MEN1-G42S VLG FVEHFL	8	>MEN1-G42S VLSFVEHFL	9	1
>MEN1-G42S VLG FVEHFLA	52	>MEN1-G42S VLSFVEHFLA	62	10
>MEN1-G42S VLG FVEHFLA	8	>MEN1-G42S VLSFVEHFLA\	8	0
>MEN1-G42S VLG FVEHFL	8	>MEN1-G42S VLSFVEHFL	7	1
>MEN1-G42S VLG FVEHFLA	377	>MEN1-G42S VLSFVEHFLA	269	108
>MEN1-G42S VLG FVEHFLA	8	>MEN1-G42S VLSFVEHFLA\	7	1
>MEN1-G42S VLG FVEHFL	5	>MEN1-G42S VLSFVEHFL	4	1
>MEN1-G42S VLG FVEHFLA	17	>MEN1-G42S VLSFVEHFLA	13	4
>MEN1-G42S VLG FVEHFLA	3	>MEN1-G42S VLSFVEHFLA\	2	1
>MEN1-G42S VLG FVEHF	202	>MEN1-G42S VLSFVEHF	147	55
>MEN1-G42S VLG FVEHF	1706	>MEN1-G42S VLSFVEHF	336	1370
>MEN1-G42S LVLG FVEHF	235	>MEN1-G42S LVLSFVEHF	131	104
>MEN1-G42S LVLG FVEHFL	143	>MEN1-G42S LVLSFVEHFL	171	28
>MEN1-G42S LVLG FVEHFL/	298	>MEN1-G42S LVLSFVEHFLA/	244	54
>MEN1-G42S LVLG FVEHFL	34	>MEN1-G42S LVLSFVEHFL	24	10
>MEN1-G42S LVLG FVEHFL/	316	>MEN1-G42S LVLSFVEHFLA/	325	9
>MEN1-G42S LVLG FVEHFL	377	>MEN1-G42S LVLSFVEHFL	316	61
>MEN1-G42S LVLG FVEHF	308	>MEN1-G42S LVLSFVEHF	347	39
>MEN1-G42S LVLG FVEHFL	98	>MEN1-G42S LVLSFVEHFL	134	36
>MEN1-G42S LVLG FVEHFL/	34	>MEN1-G42S LVLSFVEHFLA/	39	5
>MEN1-G42S LVLG FVEHFL	14	>MEN1-G42S LVLSFVEHFL	20	6
>MEN1-G42S LVLG FVEHFL/	121	>MEN1-G42S LVLSFVEHFLA/	229	108
>MEN1-G42S LVLG FVEHFL	450	>MEN1-G42S LVLSFVEHFL	384	66
>MEN1-G42S LVLG FVEHFL	45	>MEN1-G42S LVLSFVEHFL	61	16
>MEN1-G42S LVLG FVEHFL	32	>MEN1-G42S LVLSFVEHFL	45	13
>MEN1-G42S LVLG FVEHFL	18	>MEN1-G42S LVLSFVEHFL	43	25
>MEN1-G42S LVLG FVEHFL/	121	>MEN1-G42S LVLSFVEHFLA/	494	373

>MEN1-G42S LVLGFVEHF	63	>MEN1-G42S LVLSFVEHF	81	18
>MEN1-G42S LVLGFVEHF	34	>MEN1-G42S LVLSFVEHF	47	13
>MEN1-G42S LVLGFVEHF	181	>MEN1-G42S LVLSFVEHF	468	287
>MEN1-G42S LVLGFVEHF	289	>MEN1-G42S LVLSFVEHF	172	117
>MEN1-G42S LVLGFVEHF	192	>MEN1-G42S LVLSFVEHF	120	72
>MEN1-G42S LVLGFVEHF	525	>MEN1-G42S LVLSFVEHF	323	202
>MEN1-G42S LVLGFVEHF	113	>MEN1-G42S LVLSFVEHF	73	40
>MEN1-G42S LVLGFVEHF	353	>MEN1-G42S LVLSFVEHF	37	316
>MEN1-G42S LVLGFVEHF	252	>MEN1-G42S LVLSFVEHF	335	83
>MEN1-G42S LVLGFVEHF	69	>MEN1-G42S LVLSFVEHF	63	6
>MEN1-G42S LVLGFVEHF	383	>MEN1-G42S LVLSFVEHF	130	253
>MEN1-G42S SLVLGFVEHF	75	>MEN1-G42S SLVLSFVEHF	88	13
>MEN1-G42S SLVLGFVEHF	14	>MEN1-G42S SLVLSFVEHF	13	1
>MEN1-G42S SLVLGFVEHF	206	>MEN1-G42S SLVLSFVEHF	204	2
>MEN1-G42S SLVLGFVEHF	149	>MEN1-G42S SLVLSFVEHF	232	83
>MEN1-G42S SLVLGFVEHF	16	>MEN1-G42S SLVLSFVEHF	24	8
>MEN1-G42S SLVLGFVEHF	33	>MEN1-G42S SLVLSFVEHF	35	2
>MEN1-G42S SLVLGFVEHF	11	>MEN1-G42S SLVLSFVEHF	15	4
>MEN1-G42S SLVLGFVEHF	254	>MEN1-G42S SLVLSFVEHF	325	71
>MEN1-G42S SLVLGFVEHF	4	>MEN1-G42S SLVLSFVEHF	6	2
>MEN1-G42S SLVLGFVEHF	243	>MEN1-G42S SLVLSFVEHF	304	61
>MEN1-G42S SLVLGFVEHF	57	>MEN1-G42S SLVLSFVEHF	47	10
>MEN1-G42S SLVLGFVEHF	214	>MEN1-G42S SLVLSFVEHF	52	162
>MEN1-G42S LSLVLGFVEHF	737	>MEN1-G42S LSLVLSFVEHF	493	244
>MEN1-G42S LSLVLGFV	160	>MEN1-G42S LSLVLSFV	55	105
>MEN1-G42S LSLVLGFV	778	>MEN1-G42S LSLVLSFV	486	292
>MEN1-G42S LSLVLGFV	400	>MEN1-G42S LSLVLSFV	235	165
>MEN1-G42S LSLVLGFVEHF	103	>MEN1-G42S LSLVLSFVEHF	76	27
>MEN1-G42S LSLVLGFVEHF	36	>MEN1-G42S LSLVLSFVEHF	28	8
>MEN1-G42S LSLVLGFV	1397	>MEN1-G42S LSLVLSFV	498	899
>MEN1-G42S LSLVLGFVEHF	5	>MEN1-G42S LSLVLSFVEHF	5	0
>MEN1-G42S LSLVLGFVEHF	132	>MEN1-G42S LSLVLSFVEHF	142	10
>MEN1-G42S LSLVLGFVEHF	18	>MEN1-G42S LSLVLSFVEHF	15	3
>MEN1-G42S LSLVLGFVEHF	86	>MEN1-G42S LSLVLSFVEHF	82	4
>MEN1-G42S LLSLVLGFV	68	>MEN1-G42S LLSLVLFSV	24	44
>MEN1-G42S LLSLVLGFV	10	>MEN1-G42S LLSLVLFSV	4	6
>MEN1-G42S LLSLVLGFV	7	>MEN1-G42S LLSLVLFSV	4	3
>MEN1-G42S LLSLVLGFV	53	>MEN1-G42S LLSLVLFSV	23	30
>MEN1-G42S LLSLVLGFV	4	>MEN1-G42S LLSLVLFSV	3	1
>MEN1-G42S LLSLVLGFV	14	>MEN1-G42S LLSLVLFSV	5	9
>MEN1-G42S LLSLVLGFV	10	>MEN1-G42S LLSLVLFSV	6	4
>MEN1-G42S LLSLVLGFV	7	>MEN1-G42S LLSLVLFSV	3	4
>MEN1-G42S LLSLVLGFV	4	>MEN1-G42S LLSLVLFSV	2	2



>MEN1-G42 <sup>5</sup> LLSLVLGFV	476	>MEN1-G42 <sup>5</sup> LLSLVLSFV	379	97
>MEN1-G42 <sup>5</sup> LLSLVLGF	113	>MEN1-G42 <sup>5</sup> LLSLVLSF	57	56
>MEN1-G42 <sup>5</sup> LLSLVLGF	534	>MEN1-G42 <sup>5</sup> LLSLVLSF	91	443
>MEN1-G42 <sup>5</sup> VLLSLVLGFV	12	>MEN1-G42 <sup>5</sup> VLLSLVLSFV	10	2
>MEN1-G42 <sup>5</sup> VLLSLVLGFV	37	>MEN1-G42 <sup>5</sup> VLLSLVLSFV	20	17
>MEN1-G42 <sup>5</sup> VLLSLVLGFV	19	>MEN1-G42 <sup>5</sup> VLLSLVLSFV	16	3
>MEN1-G42 <sup>5</sup> VLLSLVLGFV	61	>MEN1-G42 <sup>5</sup> VLLSLVLSFV	46	15
>MEN1-G42 <sup>5</sup> VLLSLVLG	632	>MEN1-G42 <sup>5</sup> VLLSLVLS	256	376
>MEN1-G42 <sup>5</sup> VLLSLVLGF	59	>MEN1-G42 <sup>5</sup> VLLSLVLSF	80	21
>MEN1-G42 <sup>5</sup> VLLSLVLGFV	1	>MEN1-G42 <sup>5</sup> VLLSLVLSFV	1	0
>MEN1-G42 <sup>5</sup> VLLSLVLGFV	4	>MEN1-G42 <sup>5</sup> VLLSLVLSFV	3	1
>MEN1-G42 <sup>5</sup> VLLSLVLGFV	4	>MEN1-G42 <sup>5</sup> VLLSLVLSFV	4	0
>MEN1-G42 <sup>5</sup> VLLSLVLGFV	2	>MEN1-G42 <sup>5</sup> VLLSLVLSFV	2	0
>MEN1-G42 <sup>5</sup> VLLSLVLGFV	2	>MEN1-G42 <sup>5</sup> VLLSLVLSFV	2	0
>MEN1-G42 <sup>5</sup> VLLSLVLGF	1075	>MEN1-G42 <sup>5</sup> VLLSLVLSF	379	696
>MEN1-G42 <sup>5</sup> VLLSLVLGF	592	>MEN1-G42 <sup>5</sup> VLLSLVLSF	428	164
>MEN1-G42 <sup>5</sup> VLLSLVLGF	131	>MEN1-G42 <sup>5</sup> VLLSLVLSF	32	99
>MEN1-G42 <sup>5</sup> VLLSLVLGFV	285	>MEN1-G42 <sup>5</sup> VLLSLVLSFV	324	39
>MEN1-G42 <sup>5</sup> VLLSLVLGF	111	>MEN1-G42 <sup>5</sup> VLLSLVLSF	46	65
>MEN1-G42 <sup>5</sup> VLLSLVLGF	38	>MEN1-G42 <sup>5</sup> VLLSLVLSF	10	28
>MEN1-G42 <sup>5</sup> VLLSLVLGF	241	>MEN1-G42 <sup>5</sup> VLLSLVLSF	263	22
>MEN1-G42 <sup>5</sup> VLLSLVLGF	1270	>MEN1-G42 <sup>5</sup> VLLSLVLSF	345	925
>MEN1-G42 <sup>5</sup> VLLSLVLGF	1204	>MEN1-G42 <sup>5</sup> VLLSLVLSF	343	861
>MEN1-G42 <sup>5</sup> VLLSLVLGFV	836	>MEN1-G42 <sup>5</sup> VLLSLVLSFV	324	512
>MEN1-G42 <sup>5</sup> LVLLSLVLGFV	220	>MEN1-G42 <sup>5</sup> LVLLSLVLSFV	88	132
>MEN1-G42 <sup>5</sup> LVLLSLVLGFV	500	>MEN1-G42 <sup>5</sup> LVLLSLVLSFV	270	230
>MEN1-G42 <sup>5</sup> LVLLSLVLGFV	182	>MEN1-G42 <sup>5</sup> LVLLSLVLSFV	112	70
>MEN1-G42 <sup>5</sup> LVLLSLVLGFV	12	>MEN1-G42 <sup>5</sup> LVLLSLVLSFV	8	4
>MEN1-G42 <sup>5</sup> LVLLSLVLGFV	34	>MEN1-G42 <sup>5</sup> LVLLSLVLSFV	22	12
>MEN1-G42 <sup>5</sup> LVLLSLVLGFV	198	>MEN1-G42 <sup>5</sup> LVLLSLVLSFV	53	145
>MEN1-G42 <sup>5</sup> LVLLSLVLGFV	46	>MEN1-G42 <sup>5</sup> LVLLSLVLSFV	24	22
>MEN1-G42 <sup>5</sup> LVLLSLVLGFV	61	>MEN1-G42 <sup>5</sup> LVLLSLVLSFV	14	47
>MEN1-G42 <sup>5</sup> LVLLSLVLGFV	44	>MEN1-G42 <sup>5</sup> LVLLSLVLSFV	14	30
>MEN1-G42 <sup>5</sup> LVLLSLVLGF	574	>MEN1-G42 <sup>5</sup> LVLLSLVLSF	258	316
>MEN1-G42 <sup>5</sup> LVLLSLVLGF	1242	>MEN1-G42 <sup>5</sup> LVLLSLVLSF	346	896
>MEN1-G42 <sup>5</sup> LVLLSLVLGFV	241	>MEN1-G42 <sup>5</sup> LVLLSLVLSFV	202	39
>MEN1-G42 <sup>5</sup> LVLLSLVLGFV	74	>MEN1-G42 <sup>5</sup> LVLLSLVLSFV	66	8
>MEN1-G42 <sup>5</sup> LVLLSLVLGF	428	>MEN1-G42 <sup>5</sup> LVLLSLVLSF	156	272
>MEN1-G42 <sup>5</sup> LVLLSLVLGF	257	>MEN1-G42 <sup>5</sup> LVLLSLVLSF	63	194
>MEN1-G42 <sup>5</sup> LVLLSLVLGF	21	>MEN1-G42 <sup>5</sup> LVLLSLVLSF	23	2
>MEN1-G42 <sup>5</sup> LVLLSLVLGF	444	>MEN1-G42 <sup>5</sup> LVLLSLVLSF	187	257
>MEN1-G42 <sup>5</sup> LVLLSLVLGF	510	>MEN1-G42 <sup>5</sup> LVLLSLVLSF	255	255
>MEN1-G42 <sup>5</sup> LVLLSLVLGFV	2628	>MEN1-G42 <sup>5</sup> LVLLSLVLSFV	403	2225

>MEN1-H13☹HIQSLFSFI	453	>MEN1-H13☹DIQSLFSFI	2025	1572
>MEN1-H13☹HIQSLFSFI	141	>MEN1-H13☹DIQSLFSFI	5678	5537
>MEN1-H13☹HIQSLFSFI	176	>MEN1-H13☹DIQSLFSFI	5502	5326
>MEN1-H13☹HIQSLFSFI	143	>MEN1-H13☹DIQSLFSFI	6211	6068
>MEN1-H13☹HIQSLFSF	369	>MEN1-H13☹DIQSLFSF	9255	8886
>MEN1-H13☹HIQSLFSF	1250	>MEN1-H13☹DIQSLFSF	384	866
>MEN1-H13☹HIQSLFSF	259	>MEN1-H13☹DIQSLFSF	2125	1866
>MEN1-H13☹HIQSLFSFI	86	>MEN1-H13☹DIQSLFSFI	178	92
>MEN1-H13☹HIQSLFSF	89	>MEN1-H13☹DIQSLFSF	3259	3170
>MEN1-H13☹HIQSLFSF	212	>MEN1-H13☹DIQSLFSF	2309	2097
>MEN1-H13☹HIQSLFSFI	195	>MEN1-H13☹DIQSLFSFI	2159	1964
>MEN1-H13☹HIQSLFSF	169	>MEN1-H13☹DIQSLFSF	7430	7261
>MEN1-H13☹AHIQSLFSFI	352	>MEN1-H13☹ADIQSLFSFI	8042	7690
>MEN1-H13☹AHIQSLFSFI	331	>MEN1-H13☹ADIQSLFSFI	125	206
>MEN1-H13☹AHIQSLFSF	295	>MEN1-H13☹ADIQSLFSF	4201	3906
>MEN1-H13☹AHIQSLFSF	272	>MEN1-H13☹ADIQSLFSF	12223	11951
>MEN1-H13☹AHIQSLFSF	10	>MEN1-H13☹ADIQSLFSF	232	222
>MEN1-H13☹AHIQSLFSFI	366	>MEN1-H13☹ADIQSLFSFI	5255	4889
>MEN1-H13☹AHIQSLFSF	481	>MEN1-H13☹ADIQSLFSF	18559	18078
>MEN1-H13☹AHIQSLFSF	6478	>MEN1-H13☹ADIQSLFSF	87	6391
>MEN1-H13☹AHIQSLFSFIT	16577	>MEN1-H13☹ADIQSLFSFIT	340	16237
>MEN1-H13☹AHIQSLFSFI	1876	>MEN1-H13☹ADIQSLFSFI	402	1474
>MEN1-H13☹AHIQSLFSF	3205	>MEN1-H13☹ADIQSLFSF	104	3101
>MEN1-H13☹AHIQSLFSFI	1175	>MEN1-H13☹ADIQSLFSFI	64	1111
>MEN1-H13☹AHIQSLFSFIT	9537	>MEN1-H13☹ADIQSLFSFIT	443	9094
>MEN1-H13☹AHIQSLFSF	364	>MEN1-H13☹ADIQSLFSF	3733	3369
>MEN1-H13☹AHIQSLFSFI	4312	>MEN1-H13☹ADIQSLFSFI	28	4284
>MEN1-H13☹RAHIQSLFSFI	1565	>MEN1-H13☹RADIQSLFSFI	421	1144
>MEN1-H13☹RAHIQSLFSF	308	>MEN1-H13☹RADIQSLFSF	2860	2552
>MEN1-H13☹RAHIQSLF	461	>MEN1-H13☹RADIQSLF	15435	14974
>MEN1-H13☹RAHIQSLFS	10	>MEN1-H13☹RADIQSLFS	5942	5932
>MEN1-H13☹RAHIQSLFSF	129	>MEN1-H13☹RADIQSLFSF	12301	12172
>MEN1-H13☹RAHIQSLFSFI	6	>MEN1-H13☹RADIQSLFSFI	2415	2409
>MEN1-H13☹RAHIQSLFSF	381	>MEN1-H13☹RADIQSLFSF	1239	858
>MEN1-H13☹RAHIQSLFSF	94	>MEN1-H13☹RADIQSLFSF	2235	2141
>MEN1-H13☹RAHIQSLF	58	>MEN1-H13☹RADIQSLF	2007	1949
>MEN1-H13☹RAHIQSLFSF	21	>MEN1-H13☹RADIQSLFSF	969	948
>MEN1-H13☹RAHIQSLF	4	>MEN1-H13☹RADIQSLF	12	8
>MEN1-H13☹RAHIQSLFSF	3	>MEN1-H13☹RADIQSLFSF	5	2
>MEN1-H13☹RAHIQSLFSFI	48	>MEN1-H13☹RADIQSLFSFI	164	116
>MEN1-H13☹RAHIQSLF	311	>MEN1-H13☹RADIQSLF	1869	1558
>MEN1-H13☹RAHIQSLFSF	148	>MEN1-H13☹RADIQSLFSF	734	586
>MEN1-H13☹RAHIQSLF	88	>MEN1-H13☹RADIQSLF	65	23

>MEN1-H13☹RAHIQSLFSF	35	>MEN1-H13☹RADIQSLFSF	27	8
>MEN1-H13☹RAHIQSLF	336	>MEN1-H13☹RADIQSLF	353	17
>MEN1-H13☹RAHIQSLFSF	64	>MEN1-H13☹RADIQSLFSF	159	95
>MEN1-H13☹RAHIQSLFSFI	19	>MEN1-H13☹RADIQSLFSFI	54	35
>MEN1-H13☹DRAHIQSLF	401	>MEN1-H13☹DRADIQSLF	855	454
>MEN1-H13☹DRAHIQSLFSI	232	>MEN1-H13☹DRADIQSLFSI	500	268
>MEN1-H13☹DRAHIQSLF	313	>MEN1-H13☹DRADIQSLF	372	59
>MEN1-H13☹KDRAHIQSL	464	>MEN1-H13☹KDRADIQSL	2750	2286
>MEN1-H13☹KDRAHIQSLF:	304	>MEN1-H13☹KDRADIQSLF:	1059	755
>MEN1-H13☹KDRAHIQSLF	203	>MEN1-H13☹KDRADIQSLF	385	182
>MEN1-H13☹KDRAHIQSL	117	>MEN1-H13☹KDRADIQSL	687	570
>MEN1-H13☹KDRAHIQSL	209	>MEN1-H13☹KDRADIQSL	1101	892
>MEN1-H13☹FKDRAHIQSL	197	>MEN1-H13☹FKDRADIQSL	461	264
>MEN1-H13☹FKDRAHIQSL	35	>MEN1-H13☹FKDRADIQSL	93	58
>MEN1-H13☹FKDRAHIQSL	56	>MEN1-H13☹FKDRADIQSL	130	74
>MEN1-H13☹YFKDRAHIQS	210	>MEN1-H13☹YFKDRADIQS	539	329
>MEN1-H13☹YFKDRAHIQS	180	>MEN1-H13☹YFKDRADIQS	245	65
>MEN1-H13☹YFKDRAHIQS	61	>MEN1-H13☹YFKDRADIQS	465	404
>MEN1-H13☹SYFKDRAHI	4	>MEN1-H13☹SYFKDRADI	10	6
>MEN1-H13☹SYFKDRAHI	238	>MEN1-H13☹SYFKDRADI	650	412
>MEN1-H13☹SYFKDRAHI	14	>MEN1-H13☹SYFKDRADI	29	15
>MEN1-H13☹SYFKDRAHI	458	>MEN1-H13☹SYFKDRADI	3499	3041
>MEN1-H13☹RSYFKDRAHI	384	>MEN1-H13☹RSYFKDRADI	426	42
>MEN1-H13☹RSYFKDRAHI	99	>MEN1-H13☹RSYFKDRADI	640	541
>MEN1-H13☹RSYFKDRAHI	166	>MEN1-H13☹RSYFKDRADI	83	83
>MEN1-H13☹RSYFKDRAHI	267	>MEN1-H13☹RSYFKDRADI	1013	746
>MEN1-H13☹RSYFKDRAH	51	>MEN1-H13☹RSYFKDRAD	3359	3308
>MEN1-H13☹RSYFKDRAHI	8	>MEN1-H13☹RSYFKDRADI	17	9
>MEN1-H13☹RSYFKDRAHI	324	>MEN1-H13☹RSYFKDRADI	1217	893
>MEN1-H13☹RSYFKDRAHI	224	>MEN1-H13☹RSYFKDRADI	2923	2699
>MEN1-H13☹RSYFKDRAHI	448	>MEN1-H13☹RSYFKDRADI	318	130
>MEN1-H13☹RSYFKDRAHI	80	>MEN1-H13☹RSYFKDRADI	236	156
>MEN1-H13☹SRSYFKDRAH	475	>MEN1-H13☹SRSYFKDRAD	2234	1759
>MEN1-H13☹SRSYFKDRAH	324	>MEN1-H13☹SRSYFKDRAD	872	548
>MEN1-H43☹HVGWATFLV	102	>MEN1-H43☹PVGWATFLV	3110	3008
>MEN1-H43☹HVGWATFL	365	>MEN1-H43☹PVGWATFL	7257	6892
>MEN1-H43☹HVGWATFLV	95	>MEN1-H43☹PVGWATFLV	2760	2665
>MEN1-H43☹HVGWATFLV	467	>MEN1-H43☹PVGWATFLV	4305	3838
>MEN1-H43☹HVGWATFL	376	>MEN1-H43☹PVGWATFL	8997	8621
>MEN1-H43☹HVGWATFLV	18	>MEN1-H43☹PVGWATFLV	941	923
>MEN1-H43☹HVGWATFLV	49	>MEN1-H43☹PVGWATFLV	333	284
>MEN1-H43☹HVGWATFLV	231	>MEN1-H43☹PVGWATFLV	5260	5029
>MEN1-H43☹HVGWATFLV	25	>MEN1-H43☹PVGWATFLV	106	81

>MEN1-H43:HVGWATFLV	23	>MEN1-H43:PVGWATFLV	48	25
>MEN1-H43:HVGWATFL	311	>MEN1-H43:PVGWATFL	3366	3055
>MEN1-H43:HVGWATFLV	7	>MEN1-H43:PVGWATFLV	52	45
>MEN1-H43:HVGWATFL	161	>MEN1-H43:PVGWATFL	11720	11559
>MEN1-H43:HVGWATFLV	12	>MEN1-H43:PVGWATFLV	1240	1228
>MEN1-H43:HVGWATFL	45	>MEN1-H43:PVGWATFL	2102	2057
>MEN1-H43:HVGWATFLV	4	>MEN1-H43:PVGWATFLV	65	61
>MEN1-H43:LHVGWATF	34896	>MEN1-H43:LPVGWATF	327	34569
>MEN1-H43:LHVGWATFL	31019	>MEN1-H43:LPVGWATFL	53	30966
>MEN1-H43:LHVGWATFL\	27625	>MEN1-H43:LPVGWATFL\	380	27245
>MEN1-H43:LHVGWATFL\	544	>MEN1-H43:LPVGWATFL\	394	150
>MEN1-H43:LHVGWATFL\	390	>MEN1-H43:LPVGWATFL\	1539	1149
>MEN1-H43:LHVGWATF	341	>MEN1-H43:LPVGWATF	2141	1800
>MEN1-H43:LHVGWATFL\	10027	>MEN1-H43:LPVGWATFL\	115	9912
>MEN1-H43:LHVGWATF	24025	>MEN1-H43:LPVGWATF	111	23914
>MEN1-H43:LHVGWATFL	25936	>MEN1-H43:LPVGWATFL	81	25855
>MEN1-H43:LHVGWATF	93	>MEN1-H43:LPVGWATF	836	743
>MEN1-H43:LHVGWATF	1055	>MEN1-H43:LPVGWATF	8	1047
>MEN1-H43:LHVGWATFL	18732	>MEN1-H43:LPVGWATFL	79	18653
>MEN1-H43:LHVGWATFL\	21800	>MEN1-H43:LPVGWATFL\	247	21553
>MEN1-H43:LHVGWATF	397	>MEN1-H43:LPVGWATF	2463	2066
>MEN1-H43:LHVGWATFL	39	>MEN1-H43:LPVGWATFL	177	138
>MEN1-H43:LHVGWATFL\	225	>MEN1-H43:LPVGWATFL\	1332	1107
>MEN1-H43:LHVGWATF	4034	>MEN1-H43:LPVGWATF	19	4015
>MEN1-H43:LHVGWATFL	11789	>MEN1-H43:LPVGWATFL	77	11712
>MEN1-H43:LHVGWATF	27854	>MEN1-H43:LPVGWATF	492	27362
>MEN1-H43:LHVGWATFL\	20129	>MEN1-H43:LPVGWATFL\	122	20007
>MEN1-H43:LHVGWATFL\	16545	>MEN1-H43:LPVGWATFL\	93	16452
>MEN1-H43:LHVGWATF	7573	>MEN1-H43:LPVGWATF	59	7514
>MEN1-H43:LHVGWATF	6583	>MEN1-H43:LPVGWATF	12	6571
>MEN1-H43:LHVGWATFL	23237	>MEN1-H43:LPVGWATFL	286	22951
>MEN1-H43:LHVGWATF	25	>MEN1-H43:LPVGWATF	348	323
>MEN1-H43:LHVGWATFL	196	>MEN1-H43:LPVGWATFL	5026	4830
>MEN1-H43:VLHVGWATF	27	>MEN1-H43:VLPVGWATF\	31	4
>MEN1-H43:VLHVGWATF	118	>MEN1-H43:VLPVGWATF\	145	27
>MEN1-H43:VLHVGWATF	28	>MEN1-H43:VLPVGWATF\	32	4
>MEN1-H43:VLHVGWATF	18	>MEN1-H43:VLPVGWATF\	24	6
>MEN1-H43:VLHVGWATF	37	>MEN1-H43:VLPVGWATF\	14	23
>MEN1-H43:VLHVGWAT	87	>MEN1-H43:VLPVGWAT	168	81
>MEN1-H43:VLHVGWATF	11	>MEN1-H43:VLPVGWATF\	18	7
>MEN1-H43:VLHVGWATF	3	>MEN1-H43:VLPVGWATF\	4	1
>MEN1-H43:VLHVGWATF	116	>MEN1-H43:VLPVGWATF\	250	134
>MEN1-H43:VLHVGWATF	11	>MEN1-H43:VLPVGWATF\	20	9

>MEN1-H43EVLHVGWATF	20	>MEN1-H43EVLVPGWATF	14	6
>MEN1-H43EVLHVGWATF	6	>MEN1-H43EVLVPGWATF	5	1
>MEN1-H43EVLHVGWATF	115	>MEN1-H43EVLVPGWATF	57	58
>MEN1-H43EVLHVGWATF	8	>MEN1-H43EVLVPGWATF	5	3
>MEN1-H43EVLHVGWAT	59	>MEN1-H43EVLVPGWAT	74	15
>MEN1-H43EVLHVGWATF	5	>MEN1-H43EVLVPGWATF	6	1
>MEN1-H43EVLHVGWATF	2	>MEN1-H43EVLVPGWATF	2	0
>MEN1-H43EVLHVGWATF	892	>MEN1-H43EVLVPGWATF	233	659
>MEN1-H43EVLHVGWATF	66	>MEN1-H43EVLVPGWATF	234	168
>MEN1-H43EVLHVGWATF	24	>MEN1-H43EVLVPGWATF	54	30
>MEN1-H43EVLHVGWATF	82	>MEN1-H43EVLVPGWATF	881	799
>MEN1-H43EVLHVGWATF	37	>MEN1-H43EVLVPGWATF	2629	2592
>MEN1-H43EVLHVGWATF	20742	>MEN1-H43EVLVPGWATF	293	20449
>MEN1-H43EVLHVGWATF	7957	>MEN1-H43EVLVPGWATF	38	7919
>MEN1-H43EVLHVGWATF	10942	>MEN1-H43EVLVPGWATF	72	10870
>MEN1-H43EVLHVGWAT	731	>MEN1-H43EVLVPGWAT	323	408
>MEN1-H43EVLHVGWAT	729	>MEN1-H43EVLVPGWAT	338	391
>MEN1-H43EVLHVGWAT	1014	>MEN1-H43EVLVPGWAT	397	617
>MEN1-H43EVLHVGWA	363	>MEN1-H43EVLVPGWA	541	178
>MEN1-H43EVLHVGWA	434	>MEN1-H43EVLVPGWA	480	46
>MEN1-H43EVLHVGWA	16	>MEN1-H43EVLVPGWA	28	12
>MEN1-H43EVLHVGW	88	>MEN1-H43EVLVPGW	58	30
>MEN1-H43EVLHVGWA	205	>MEN1-H43EVLVPGWA	188	17
>MEN1-H43EVLHVGWA	657	>MEN1-H43EVLVPGWA	175	482
>MEN1-H43EVLHVGWA	435	>MEN1-H43EVLVPGWA	506	71
>MEN1-H43EVLHVGWA	45	>MEN1-H43EVLVPGWA	61	16
>MEN1-H43EVLHVGW	12	>MEN1-H43EVLVPGW	28	16
>MEN1-H43EVLHVGWA	43	>MEN1-H43EVLVPGWA	108	65
>MEN1-H43EVLHVGW	189	>MEN1-H43EVLVPGW	1928	1739
>MEN1-H43EVLHVGW	475	>MEN1-H43EVLVPGW	1161	686
>MEN1-H43EVLHVGW	458	>MEN1-H43EVLVPGW	2830	2372
>MEN1-H43EVLHVGW	1303	>MEN1-H43EVLVPGW	411	892
>MEN1-H43EVLHVGW	1092	>MEN1-H43EVLVPGW	97	995
>MEN1-H43EVLHVGW	1991	>MEN1-H43EVLVPGW	331	1660
>MEN1-H43EVLHVGW	514	>MEN1-H43EVLVPGW	350	164
>MEN1-H43EVLHVGW	23	>MEN1-H43EVLVPGW	45	22
>MEN1-H43EVLHVGW	97	>MEN1-H43EVLVPGW	116	19
>MEN1-H43EVLHVGW	50	>MEN1-H43EVLVPGW	160	110
>MEN1-H43EVLHVGW	12	>MEN1-H43EVLVPGW	9	3
>MEN1-H43EVLHVGW	142	>MEN1-H43EVLVPGW	227	85
>MEN1-H43EVLHVGW	90	>MEN1-H43EVLVPGW	276	186
>MEN1-H43EVLHVGW	1869	>MEN1-H43EVLVPGW	459	1410
>MEN1-H43EVLHVGW	121	>MEN1-H43EVLVPGW	54	67

>MEN1-H43E EEGSPTPVLH	580	>MEN1-H43E EEGSPTPVLH	480	100
>MEN1-I86F-IAALYARF	312	>MEN1-I86F-FAALYARF	2836	2524
>MEN1-I86F-IAALYARFTA	1917	>MEN1-I86F-FAALYARFTA	391	1526
>MEN1-I86F-IAALYARFTA	1629	>MEN1-I86F-FAALYARFTA	187	1442
>MEN1-I86F-IAALYARFTA	3039	>MEN1-I86F-FAALYARFTA	413	2626
>MEN1-I86F-IAALYARF	204	>MEN1-I86F-FAALYARF	128	76
>MEN1-I86F-IAALYARF	10	>MEN1-I86F-FAALYARF	13	3
>MEN1-I86F-IAALYARF	322	>MEN1-I86F-FAALYARF	50	272
>MEN1-I86F-IAALYARF	110	>MEN1-I86F-FAALYARF	197	87
>MEN1-I86F-IIAALYARF	79	>MEN1-I86F-IFAALYARF	325	246
>MEN1-I86F-IIAALYARFTA	489	>MEN1-I86F-IFAALYARFTA	13236	12747
>MEN1-I86F-IIAALYARFTA	82	>MEN1-I86F-IFAALYARFTA	727	645
>MEN1-I86F-IIAALYARFTA	96	>MEN1-I86F-IFAALYARFTA	7282	7186
>MEN1-I86F-IIAALYARFTA	121	>MEN1-I86F-IFAALYARFTA	5795	5674
>MEN1-I86F-IIAALYARFTA	203	>MEN1-I86F-IFAALYARFTA	15007	14804
>MEN1-I86F-IIAALYAR	472	>MEN1-I86F-IFAALYAR	8971	8499
>MEN1-I86F-IIAALYARF	924	>MEN1-I86F-IFAALYARF	32	892
>MEN1-I86F-IIAALYARF	715	>MEN1-I86F-IFAALYARF	55	660
>MEN1-I86F-IIAALYARF	4139	>MEN1-I86F-IFAALYARF	23	4116
>MEN1-I86F-IIAALYARF	1087	>MEN1-I86F-IFAALYARF	213	874
>MEN1-I86F-IIAALYAR	19	>MEN1-I86F-IFAALYAR	11	8
>MEN1-I86F-IIAALYAR	168	>MEN1-I86F-IFAALYAR	41	127
>MEN1-I86F-IIAALYAR	20	>MEN1-I86F-IFAALYAR	112	92
>MEN1-I86F-IIAALYARFTA	113	>MEN1-I86F-IFAALYARFTA	9433	9320
>MEN1-I86F-IIAALYARF	157	>MEN1-I86F-IFAALYARF	1398	1241
>MEN1-I86F-IIAALYARF	399	>MEN1-I86F-IFAALYARF	1311	912
>MEN1-I86F-IIAALYARF	283	>MEN1-I86F-IFAALYARF	12272	11989
>MEN1-I86F-IIAALYARF	55	>MEN1-I86F-IFAALYARF	752	697
>MEN1-I86F-IIAALYARF	265	>MEN1-I86F-IFAALYARF	646	381
>MEN1-I86F-IIAALYAR	61	>MEN1-I86F-IFAALYAR	29	32
>MEN1-I86F-TYFPVADLSII	5	>MEN1-I86F-TYFPVADLSIF	541	536
>MEN1-I86F-TYFPVADLSII	355	>MEN1-I86F-TYFPVADLSIF	9602	9247
>MEN1-I86F-TYFPVADLSII	61	>MEN1-I86F-TYFPVADLSIF	19	42
>MEN1-I86F-TYFPVADLSII	169	>MEN1-I86F-TYFPVADLSIF	89	80
>MEN1-I86F-TYFPVADLSII	10	>MEN1-I86F-TYFPVADLSIF	5	5
>MEN1-I86F-TYFPVADLSII	4607	>MEN1-I86F-TYFPVADLSIF	259	4348
>MEN1-I86F-TYFPVADLSII	1001	>MEN1-I86F-TYFPVADLSIF	65	936
>MEN1-I86F-TYFPVADLSII	432	>MEN1-I86F-TYFPVADLSIF	22581	22149
>MEN1-I86F-SIIAALYA	101	>MEN1-I86F-SIFAALYA	43	58
>MEN1-I86F-SIIAALYA	105	>MEN1-I86F-SIFAALYA	44	61
>MEN1-I86F-SIIAALYARFT	960	>MEN1-I86F-SIFAALYARFT	393	567
>MEN1-I86F-SIIAALYA	58	>MEN1-I86F-SIFAALYA	50	8
>MEN1-I86F-SIIAALYA	23	>MEN1-I86F-SIFAALYA	30	7

>MEN1-I86F-SIIAALYARFT	367	>MEN1-I86F-SIFAALYARFT	344	23
>MEN1-I86F-SIIAALYA	258	>MEN1-I86F-SIFAALYA	26	232
>MEN1-I86F-SIIAALYA	465	>MEN1-I86F-SIFAALYA	49	416
>MEN1-I86F-SIIAALYA	411	>MEN1-I86F-SIFAALYA	90	321
>MEN1-I86F-SIIAALYAR	45	>MEN1-I86F-SIFAALYAR	17	28
>MEN1-I86F-SIIAALYARF	182	>MEN1-I86F-SIFAALYARF	250	68
>MEN1-I86F-SIIAALYARF	10	>MEN1-I86F-SIFAALYARF	888	878
>MEN1-I86F-SIIAALYA	1101	>MEN1-I86F-SIFAALYA	142	959
>MEN1-I86F-SIIAALYAR	15	>MEN1-I86F-SIFAALYAR	9	6
>MEN1-I86F-SIIAALYARF	733	>MEN1-I86F-SIFAALYARF	90	643
>MEN1-I86F-SIIAALYAR	316	>MEN1-I86F-SIFAALYAR	121	195
>MEN1-I86F-SIIAALYAR	19	>MEN1-I86F-SIFAALYAR	8	11
>MEN1-I86F-SIIAALYA	153	>MEN1-I86F-SIFAALYA	73	80
>MEN1-I86F-SIIAALYA	512	>MEN1-I86F-SIFAALYA	257	255
>MEN1-I86F-SIIAALYARF	76	>MEN1-I86F-SIFAALYARF	68	8
>MEN1-I86F-SIIAALYARF	660	>MEN1-I86F-SIFAALYARF	122	538
>MEN1-I86F-SIIAALYARF	300	>MEN1-I86F-SIFAALYARF	141	159
>MEN1-I86F-SIIAALYARF	324	>MEN1-I86F-SIFAALYARF	343	19
>MEN1-I86F-SIIAALYAR	69	>MEN1-I86F-SIFAALYAR	32	37
>MEN1-I86F-LSIIAALYARF	300	>MEN1-I86F-LSIFAALYARF	277	23
>MEN1-I86F-LSIIAALY	427	>MEN1-I86F-LSIFAALY	358	69
>MEN1-I86F-LSIIAALYAR	1201	>MEN1-I86F-LSIFAALYAR	359	842
>MEN1-I86F-LSIIAALYAR	57	>MEN1-I86F-LSIFAALYAR	34	23
>MEN1-I86F-LSIIAALYARF	819	>MEN1-I86F-LSIFAALYARF	419	400
>MEN1-I86F-LSIIAALY	1115	>MEN1-I86F-LSIFAALY	273	842
>MEN1-I86F-LSIIAALYARF	1200	>MEN1-I86F-LSIFAALYARF	314	886
>MEN1-I86F-LSIIAALY	17	>MEN1-I86F-LSIFAALY	13	4
>MEN1-I86F-LSIIAALY	65	>MEN1-I86F-LSIFAALY	51	14
>MEN1-I86F-LSIIAALYAR	19	>MEN1-I86F-LSIFAALYAR	12	7
>MEN1-I86F-LSIIAALYAR	280	>MEN1-I86F-LSIFAALYAR	246	34
>MEN1-I86F-LSIIAALY	518	>MEN1-I86F-LSIFAALY	201	317
>MEN1-I86F-LSIIAALYAR	9	>MEN1-I86F-LSIFAALYAR	7	2
>MEN1-I86F-LSIIAALY	163	>MEN1-I86F-LSIFAALY	115	48
>MEN1-I86F-LSIIAALYARF	101	>MEN1-I86F-LSIFAALYARF	72	29
>MEN1-I86F-LSIIAALY	551	>MEN1-I86F-LSIFAALY	282	269
>MEN1-I86F-LSIIAALYARF	109	>MEN1-I86F-LSIFAALYARF	74	35
>MEN1-I86F-LSIIAALY	3	>MEN1-I86F-LSIFAALY	3	0
>MEN1-I86F-LSIIAALYA	293	>MEN1-I86F-LSIFAALYA	913	620
>MEN1-I86F-LSIIAALYARF	3	>MEN1-I86F-LSIFAALYARF	3	0
>MEN1-I86F-LSIIAALY	352	>MEN1-I86F-LSIFAALY	319	33
>MEN1-I86F-LSIIAALY	305	>MEN1-I86F-LSIFAALY	432	127
>MEN1-I86F-LSIIAALYARF	182	>MEN1-I86F-LSIFAALYARF	295	113
>MEN1-I86F-LSIIAALY	45	>MEN1-I86F-LSIFAALY	54	9

>MEN1-I86F-LSIIAALYARF	23	>MEN1-I86F-LSIFAALYARF	25	2
>MEN1-I86F-LSIIAALYARF	311	>MEN1-I86F-LSIFAALYARF	518	207
>MEN1-I86F-LSIIAALY	138	>MEN1-I86F-LSIFAALY	105	33
>MEN1-I86F-LSIIAALYARF	87	>MEN1-I86F-LSIFAALYARF	38	49
>MEN1-I86F-LSIIAALY	868	>MEN1-I86F-LSIFAALY	493	375
>MEN1-I86F-DLSIIAAL	214	>MEN1-I86F-DLSIFAAL	300	86
>MEN1-I86F-DLSIIAALYA	279	>MEN1-I86F-DLSIFAALYA	120	159
>MEN1-I86F-DLSIIAALYA	478	>MEN1-I86F-DLSIFAALYA	229	249
>MEN1-I86F-DLSIIAAL	394	>MEN1-I86F-DLSIFAAL	1027	633
>MEN1-I86F-DLSIIAAL	138	>MEN1-I86F-DLSIFAAL	195	57
>MEN1-I86F-DLSIIAALY	26	>MEN1-I86F-DLSIFAALY	30	4
>MEN1-I86F-DLSIIAALY	78	>MEN1-I86F-DLSIFAALY	115	37
>MEN1-I86F-DLSIIAALYAR	19	>MEN1-I86F-DLSIFAALYAR	19	0
>MEN1-I86F-DLSIIAALY	197	>MEN1-I86F-DLSIFAALY	362	165
>MEN1-I86F-DLSIIAALYAR	20	>MEN1-I86F-DLSIFAALYAR	24	4
>MEN1-I86F-DLSIIAALY	466	>MEN1-I86F-DLSIFAALY	875	409
>MEN1-I86F-DLSIIAALY	233	>MEN1-I86F-DLSIFAALY	220	13
>MEN1-I86F-DLSIIAALYAR	688	>MEN1-I86F-DLSIFAALYAR	295	393
>MEN1-I86F-ADLSIIAALY	424	>MEN1-I86F-ADLSIFAALY	247	177
>MEN1-I86F-ADLSIIAALY	267	>MEN1-I86F-ADLSIFAALY	429	162
>MEN1-I86F-ADLSIIAA	715	>MEN1-I86F-ADLSIFAA	330	385
>MEN1-I86F-ADLSIIAAL	328	>MEN1-I86F-ADLSIFAAL	159	169
>MEN1-I86F-ADLSIIAALY	413	>MEN1-I86F-ADLSIFAALY	308	105
>MEN1-I86F-ADLSIIAALY	482	>MEN1-I86F-ADLSIFAALY	370	112
>MEN1-I86F-ADLSIIAA	533	>MEN1-I86F-ADLSIFAA	195	338
>MEN1-I86F-ADLSIIAAL	132	>MEN1-I86F-ADLSIFAAL	148	16
>MEN1-I86F-ADLSIIAAL	310	>MEN1-I86F-ADLSIFAAL	242	68
>MEN1-I86F-VADLSIIAALY	24	>MEN1-I86F-VADLSIFAALY	20	4
>MEN1-I86F-VADLSIIAA	1246	>MEN1-I86F-VADLSIFAA	259	987
>MEN1-I86F-VADLSIIAALY	681	>MEN1-I86F-VADLSIFAALY	414	267
>MEN1-I86F-VADLSIIAAL	178	>MEN1-I86F-VADLSIFAAL	249	71
>MEN1-I86F-VADLSIIAALY	30	>MEN1-I86F-VADLSIFAALY	20	10
>MEN1-I86F-VADLSIIAALY	289	>MEN1-I86F-VADLSIFAALY	290	1
>MEN1-I86F-VADLSIIAAL	670	>MEN1-I86F-VADLSIFAAL	352	318
>MEN1-I86F-PVADLSIIAAL	129	>MEN1-I86F-PVADLSIFAAI	93	36
>MEN1-I86F-PVADLSII	7543	>MEN1-I86F-PVADLSIF	327	7216
>MEN1-I86F-PVADLSIIA	5186	>MEN1-I86F-PVADLSIFA	421	4765
>MEN1-I86F-PVADLSIIAAL	284	>MEN1-I86F-PVADLSIFAAI	165	119
>MEN1-I86F-FPVADLSIIAA	1172	>MEN1-I86F-FPVADLSIFAA	313	859
>MEN1-I86F-FPVADLSII	5643	>MEN1-I86F-FPVADLSIF	142	5501
>MEN1-I86F-FPVADLSII	252	>MEN1-I86F-FPVADLSIF	151	101
>MEN1-I86F-FPVADLSIIAA	272	>MEN1-I86F-FPVADLSIFAA	294	22
>MEN1-I86F-FPVADLSII	3089	>MEN1-I86F-FPVADLSIF	110	2979



>MEN1-I86F-FPVADLSII	135	>MEN1-I86F-FPVADLSIF	9	126
>MEN1-I86F-FPVADLSIIA	42	>MEN1-I86F-FPVADLSIFA	151	109
>MEN1-I86F-FPVADLSIIAA	27	>MEN1-I86F-FPVADLSIFA	29	2
>MEN1-I86F-FPVADLSII	371	>MEN1-I86F-FPVADLSIF	1018	647
>MEN1-I86F-FPVADLSII	48	>MEN1-I86F-FPVADLSIF	716	668
>MEN1-I86F-FPVADLSII	16	>MEN1-I86F-FPVADLSIF	15	1
>MEN1-I86F-FPVADLSIIA	234	>MEN1-I86F-FPVADLSIFA	253	19
>MEN1-I86F-FPVADLSII	18	>MEN1-I86F-FPVADLSIF	238	220
>MEN1-I86F-FPVADLSIIA	11	>MEN1-I86F-FPVADLSIFA	17	6
>MEN1-I86F-FPVADLSIIAA	4	>MEN1-I86F-FPVADLSIFA	4	0
>MEN1-I86F-FPVADLSII	1877	>MEN1-I86F-FPVADLSIF	158	1719
>MEN1-I86F-FPVADLSII	7948	>MEN1-I86F-FPVADLSIF	142	7806
>MEN1-I86F-FPVADLSII	368	>MEN1-I86F-FPVADLSIF	14	354
>MEN1-I86F-YFPVADLSII	4422	>MEN1-I86F-YFPVADLSIF	60	4362
>MEN1-I86F-YFPVADLSII	3295	>MEN1-I86F-YFPVADLSIF	84	3211
>MEN1-I86F-YFPVADLSII	22	>MEN1-I86F-YFPVADLSIF	6	16
>MEN1-I86F-YFPVADLSII	8281	>MEN1-I86F-YFPVADLSIF	245	8036
>MEN1-I86F-YFPVADLSII	514	>MEN1-I86F-YFPVADLSIF	258	256
>MEN1-K502DKGLGTGQG	26711	>MEN1-K502DMGLGTGQC	412	26299
>MEN1-K502DKGLGTGQG	23147	>MEN1-K502DMGLGTGQC	436	22711
>MEN1-K502DKGLGTGQG	21937	>MEN1-K502DMGLGTGQC	145	21792
>MEN1-K502DKGLGTGQG	31838	>MEN1-K502DMGLGTGQC	189	31649
>MEN1-K502PPPKKPALD	28587	>MEN1-K502PPPKKPALD	35	28552
>MEN1-K502ALDKGLGT	339	>MEN1-K502ALDMGLGT	249	90
>MEN1-K502ALDKGLGT	277	>MEN1-K502ALDMGLGT	129	148
>MEN1-K502ALDKGLGTGC	335	>MEN1-K502ALDMGLGTG	183	152
>MEN1-K502KPALDKGL	60	>MEN1-K502KPALDMGL	45	15
>MEN1-K502PPKKPALDK	34028	>MEN1-K502PPKKPALDM	186	33842
>MEN1-K502PPPKKPALDK	30959	>MEN1-K502PPPKKPALDM	77	30882
>MEN1-L152LDSSGVAF	122	>MEN1-L152WDSSGVAF	94	28
>MEN1-L152LDSSGVAF	1381	>MEN1-L152WDSSGVAF	412	969
>MEN1-L152LDSSGVAF	716	>MEN1-L152WDSSGVAF	240	476
>MEN1-L152LDSSGVAFAV	1510	>MEN1-L152WDSSGVAFA	201	1309
>MEN1-L152LDSSGVAFAV	124	>MEN1-L152WDSSGVAFA	90	34
>MEN1-L152LDSSGVAFAV	185	>MEN1-L152WDSSGVAFA	135	50
>MEN1-L152KLDSSGVAFA	343	>MEN1-L152KWDSSGVAF	25554	25211
>MEN1-L152KLDSSGVAFA	13	>MEN1-L152KWDSSGVAF	5625	5612
>MEN1-L152KLDSSGVAFA	63	>MEN1-L152KWDSSGVAF	13000	12937
>MEN1-L152KLDSSGVAFA	13	>MEN1-L152KWDSSGVAF	2039	2026
>MEN1-L152KLDSSGVAFA	69	>MEN1-L152KWDSSGVAF	13634	13565
>MEN1-L152KLDSSGVAFA	40	>MEN1-L152KWDSSGVAF	17355	17315
>MEN1-L152KLDSSGVAFA	9	>MEN1-L152KWDSSGVAF	212	203
>MEN1-L152KLDSSGVA	83	>MEN1-L152KWDSSGVA	21613	21530

>MEN1-L152 KLDSSGVAFA	9	>MEN1-L152 KWDSSGVAFA	10081	10072
>MEN1-L152 KLDSSGVAFA	2	>MEN1-L152 KWDSSGVAFA	689	687
>MEN1-L152 KLDSSGVA	260	>MEN1-L152 KWDSSGVA	22029	21769
>MEN1-L152 KLDSSGVAFA	16	>MEN1-L152 KWDSSGVAFA	16896	16880
>MEN1-L152 KLDSSGVAFA	3	>MEN1-L152 KWDSSGVAFA	5975	5972
>MEN1-L152 KLDSSGVA	137	>MEN1-L152 KWDSSGVA	23248	23111
>MEN1-L152 KLDSSGVAFA	13	>MEN1-L152 KWDSSGVAFA	12059	12046
>MEN1-L152 KLDSSGVAFA	5	>MEN1-L152 KWDSSGVAFA	1794	1789
>MEN1-L152 KLDSSGVAFA	69	>MEN1-L152 KWDSSGVAFA	19835	19766
>MEN1-L152 KLDSSGVAFA	5	>MEN1-L152 KWDSSGVAFA	15064	15059
>MEN1-L152 KLDSSGVA	306	>MEN1-L152 KWDSSGVA	34457	34151
>MEN1-L152 KLDSSGVAFA	26	>MEN1-L152 KWDSSGVAFA	28627	28601
>MEN1-L152 KLDSSGVAFA	3	>MEN1-L152 KWDSSGVAFA	11687	11684
>MEN1-L152 KLDSSGVAFA	10425	>MEN1-L152 KWDSSGVAFA	70	10355
>MEN1-L152 KLDSSGVAFA	82	>MEN1-L152 KWDSSGVAFA	6181	6099
>MEN1-L152 KLDSSGVAFA	175	>MEN1-L152 KWDSSGVAFA	12066	11891
>MEN1-L152 KLDSSGVAFA	333	>MEN1-L152 KWDSSGVAFA	10567	10234
>MEN1-L152 KLDSSGVAFA	17	>MEN1-L152 KWDSSGVAFA	258	241
>MEN1-L152 KLDSSGVAFA	438	>MEN1-L152 KWDSSGVAFA	17750	17312
>MEN1-L152 KLDSSGVA	21572	>MEN1-L152 KWDSSGVA	187	21385
>MEN1-L152 KLDSSGVAFA	23955	>MEN1-L152 KWDSSGVAFA	56	23899
>MEN1-L152 KLDSSGVAFA	21532	>MEN1-L152 KWDSSGVAFA	198	21334
>MEN1-L152 KLDSSGVAFA	15443	>MEN1-L152 KWDSSGVAFA	54	15389
>MEN1-L152 SLFSFITGTKL	342	>MEN1-L152 SLFSFITGTKW	8013	7671
>MEN1-L152 SLFSFITGTKL	37	>MEN1-L152 SLFSFITGTKW	11935	11898
>MEN1-L152 SLFSFITGTKL	8	>MEN1-L152 SLFSFITGTKW	1154	1146
>MEN1-L152 SLFSFITGTKL	14	>MEN1-L152 SLFSFITGTKW	4155	4141
>MEN1-L152 SLFSFITGTKL	349	>MEN1-L152 SLFSFITGTKW	11899	11550
>MEN1-L152 SLFSFITGTKL	3	>MEN1-L152 SLFSFITGTKW	1333	1330
>MEN1-L152 SLFSFITGTKL	53	>MEN1-L152 SLFSFITGTKW	16338	16285
>MEN1-L152 SLFSFITGTKL	7	>MEN1-L152 SLFSFITGTKW	5813	5806
>MEN1-L152 SLFSFITGTKL	420	>MEN1-L152 SLFSFITGTKW	23844	23424
>MEN1-L152 SLFSFITGTKL	3	>MEN1-L152 SLFSFITGTKW	2774	2771
>MEN1-L152 SLFSFITGTKL	128	>MEN1-L152 SLFSFITGTKW	94	34
>MEN1-L152 SLFSFITGTKL	109	>MEN1-L152 SLFSFITGTKW	346	237
>MEN1-L152 SLFSFITGTKL	2528	>MEN1-L152 SLFSFITGTKW	93	2435
>MEN1-L152 SLFSFITGTKL	20901	>MEN1-L152 SLFSFITGTKW	384	20517
>MEN1-L152 SLFSFITGTKL	134	>MEN1-L152 SLFSFITGTKW	260	126
>MEN1-L152 TKLDSSGV	482	>MEN1-L152 TKWDSSGV	190	292
>MEN1-L152 TKLDSSGVAFA	3	>MEN1-L152 TKWDSSGVA	3	0
>MEN1-L152 TKLDSSGVAFA	392	>MEN1-L152 TKWDSSGVA	1177	785
>MEN1-L152 GTKLDSSGV	292	>MEN1-L152 GTKWDSSGV	71	221
>MEN1-L152 GTKLDSSGV	4901	>MEN1-L152 GTKWDSSGV	333	4568

>MEN1-L152 GTKLDSSGVA	138	>MEN1-L152 GTKWDSSGV	133	5
>MEN1-L152 GTKLDSSGVA	148	>MEN1-L152 GTKWDSSGV	166	18
>MEN1-L152 GTKLDSSGVA	17	>MEN1-L152 GTKWDSSGV	14	3
>MEN1-L152 GTKLDSSGV	152	>MEN1-L152 GTKWDSSGV	91	61
>MEN1-L152 GTKLDSSGVA	39	>MEN1-L152 GTKWDSSGV	24	15
>MEN1-L152 ITGTKLDSSG\	450	>MEN1-L152 ITGTKWDSSC	872	422
>MEN1-L152 ITGTKLDSSG\	499	>MEN1-L152 ITGTKWDSSC	312	187
>MEN1-L152 FITGTKLDS	5191	>MEN1-L152 FITGTKWDS	439	4752
>MEN1-L152 SFITGTKL	102	>MEN1-L152 SFITGTKW	20283	20181
>MEN1-L152 FSFITGTKL	36	>MEN1-L152 FSFITGTKW	111	75
>MEN1-L152 FSFITGTKL	7	>MEN1-L152 FSFITGTKW	3	4
>MEN1-L152 FSFITGTKL	14292	>MEN1-L152 FSFITGTKW	346	13946
>MEN1-L152 FSFITGTKL	10796	>MEN1-L152 FSFITGTKW	43	10753
>MEN1-L152 FSFITGTKL	3259	>MEN1-L152 FSFITGTKW	11	3248
>MEN1-L152 FSFITGTKL	286	>MEN1-L152 FSFITGTKW	5289	5003
>MEN1-L152 FSFITGTKL	24	>MEN1-L152 FSFITGTKW	37	13
>MEN1-L152 FSFITGTKL	19534	>MEN1-L152 FSFITGTKW	267	19267
>MEN1-L152 FSFITGTKL	12758	>MEN1-L152 FSFITGTKW	74	12684
>MEN1-L152 FSFITGTKL	79	>MEN1-L152 FSFITGTKW	20344	20265
>MEN1-L152 LFSFITGTKL	317	>MEN1-L152 LFSFITGTKW	401	84
>MEN1-L152 LFSFITGTKL	13923	>MEN1-L152 LFSFITGTKW	109	13814
>MEN1-L175 LALSEDHAW'	424	>MEN1-L175 RALSEDHAW	591	167
>MEN1-L175 LALSEDHAW'	149	>MEN1-L175 RALSEDHAW	297	148
>MEN1-L175 LALSEDHAW'	76	>MEN1-L175 RALSEDHAW	64	12
>MEN1-L175 LALSEDHAW'	93	>MEN1-L175 RALSEDHAW	92	1
>MEN1-L175 LALSEDHAW'	51	>MEN1-L175 RALSEDHAW	49	2
>MEN1-L175 LALSEDHAW'	218	>MEN1-L175 RALSEDHAW	231	13
>MEN1-L175 LALSEDHAW'	217	>MEN1-L175 RALSEDHAW	208	9
>MEN1-L175 LALSEDHAW'	266	>MEN1-L175 RALSEDHAW	609	343
>MEN1-L175 LALSEDHAW'	30	>MEN1-L175 RALSEDHAW	138	108
>MEN1-L175 LALSEDHAW'	34	>MEN1-L175 RALSEDHAW	150	116
>MEN1-L175 LALSEDHAW'	369	>MEN1-L175 RALSEDHAW	1083	714
>MEN1-L175 LALSEDHAW'	225	>MEN1-L175 RALSEDHAW	616	391
>MEN1-L175 LALSEDHAW	18	>MEN1-L175 RALSEDHAW	8	10
>MEN1-L175 LALSEDHAW'	3723	>MEN1-L175 RALSEDHAW	450	3273
>MEN1-L175 LALSEDHAW	73	>MEN1-L175 RALSEDHAW	858	785
>MEN1-L175 LALSEDHAW	14	>MEN1-L175 RALSEDHAW	235	221
>MEN1-L175 LALSEDHAW	60	>MEN1-L175 RALSEDHAW	46	14
>MEN1-L175 LALSEDHAW	13	>MEN1-L175 RALSEDHAW	9	4
>MEN1-L175 LALSEDHAW	12	>MEN1-L175 RALSEDHAW	70	58
>MEN1-L175 LALSEDHAW	76	>MEN1-L175 RALSEDHAW	87	11
>MEN1-L175 HLALSEDHAW	207	>MEN1-L175 HRALSEDHAW	22398	22191
>MEN1-L175 HLALSEDHAW	160	>MEN1-L175 HRALSEDHAW	26191	26031

>MEN1-L175 HLALSEDHAV	9	>MEN1-L175 HRALSEDHAV	8428	8419
>MEN1-L175 HLALSEDHAV	26	>MEN1-L175 HRALSEDHAV	15633	15607
>MEN1-L175 HLALSEDHAV	286	>MEN1-L175 HRALSEDHAV	16742	16456
>MEN1-L175 HLALSEDHAV	38	>MEN1-L175 HRALSEDHAV	17008	16970
>MEN1-L175 HLALSEDHAV	75	>MEN1-L175 HRALSEDHAV	20097	20022
>MEN1-L175 HLALSEDHAV	16	>MEN1-L175 HRALSEDHAV	17038	17022
>MEN1-L175 HLALSEDHAV	24	>MEN1-L175 HRALSEDHAV	21421	21397
>MEN1-L175 HLALSEDHAV	5	>MEN1-L175 HRALSEDHAV	11493	11488
>MEN1-L175 HLALSEDHAV	237	>MEN1-L175 HRALSEDHAV	6607	6370
>MEN1-L175 HLALSEDHAV	28923	>MEN1-L175 HRALSEDHAV	207	28716
>MEN1-L175 HLALSEDHAV	202	>MEN1-L175 HRALSEDHAV	7668	7466
>MEN1-L175 HLALSEDHAV	306	>MEN1-L175 HRALSEDHAV	53	253
>MEN1-L175 CQALGLRDVH	18249	>MEN1-L175 CQALGLRDVH	461	17788
>MEN1-L175 CQALGLRDVH	32393	>MEN1-L175 CQALGLRDVH	456	31937
>MEN1-L175 VHLALSEDHA	463	>MEN1-L175 VHRALSEDHA	4794	4331
>MEN1-L175 VHLALSEDHA	32	>MEN1-L175 VHRALSEDHA	55	23
>MEN1-L175 LRDVHLAL	158	>MEN1-L175 LRDVHRAL	299	141
>MEN1-L175 GLRDVHLA	169	>MEN1-L175 GLRDVHRA	550	381
>MEN1-L175 GLRDVHLAL	204	>MEN1-L175 GLRDVHRAL	654	450
>MEN1-L175 GLRDVHLA	23	>MEN1-L175 GLRDVHRA	45	22
>MEN1-L175 GLRDVHLAL	60	>MEN1-L175 GLRDVHRAL	125	65
>MEN1-L175 GLRDVHLA	85	>MEN1-L175 GLRDVHRA	69	16
>MEN1-L175 GLRDVHLAL	18	>MEN1-L175 GLRDVHRAL	37	19
>MEN1-L175 GLRDVHLA	498	>MEN1-L175 GLRDVHRA	719	221
>MEN1-L175 GLRDVHLAL	182	>MEN1-L175 GLRDVHRAL	883	701
>MEN1-L175 GLRDVHLA	244	>MEN1-L175 GLRDVHRA	583	339
>MEN1-L175 GLRDVHLAL	254	>MEN1-L175 GLRDVHRAL	2919	2665
>MEN1-L175 GLRDVHLA	7	>MEN1-L175 GLRDVHRA	9	2
>MEN1-L175 GLRDVHLAL	6	>MEN1-L175 GLRDVHRAL	25	19
>MEN1-L175 GLRDVHLA	430	>MEN1-L175 GLRDVHRA	1185	755
>MEN1-L175 GLRDVHLAL	196	>MEN1-L175 GLRDVHRAL	594	398
>MEN1-L175 GLRDVHLA	481	>MEN1-L175 GLRDVHRA	313	168
>MEN1-L175 GLRDVHLAL	270	>MEN1-L175 GLRDVHRAL	894	624
>MEN1-L175 LGLRDVHL	33400	>MEN1-L175 LGLRDVHR	490	32910
>MEN1-L175 ALGLRDVHL	432	>MEN1-L175 ALGLRDVHR	26309	25877
>MEN1-L175 ALGLRDVHLA	264	>MEN1-L175 ALGLRDVHR/	513	249
>MEN1-L175 ALGLRDVHLA	502	>MEN1-L175 ALGLRDVHR/	342	160
>MEN1-L175 ALGLRDVHLA	153	>MEN1-L175 ALGLRDVHR/	249	96
>MEN1-L175 ALGLRDVHL	330	>MEN1-L175 ALGLRDVHR	27135	26805
>MEN1-L175 ALGLRDVHLA	281	>MEN1-L175 ALGLRDVHR/	655	374
>MEN1-L175 ALGLRDVHL	108	>MEN1-L175 ALGLRDVHR	20463	20355
>MEN1-L175 ALGLRDVHLA	220	>MEN1-L175 ALGLRDVHR/	344	124
>MEN1-L175 ALGLRDVHLA	217	>MEN1-L175 ALGLRDVHR/	907	690

>MEN1-L175 ALGLRDVHL	32	>MEN1-L175 ALGLRDVHR	18570	18538
>MEN1-L175 ALGLRDVHLA	23	>MEN1-L175 ALGLRDVHR/	18	5
>MEN1-L175 ALGLRDVHLA	20	>MEN1-L175 ALGLRDVHR/	75	55
>MEN1-L175 ALGLRDVHL	16890	>MEN1-L175 ALGLRDVHR	119	16771
>MEN1-L175 ALGLRDVHL	33573	>MEN1-L175 ALGLRDVHR	204	33369
>MEN1-L175 QALGLRDVHI	14456	>MEN1-L175 QALGLRDVHI	110	14346
>MEN1-L175 QALGLRDVHI	29627	>MEN1-L175 QALGLRDVHI	53	29574
>MEN1-L175 QALGLRDVHI	30166	>MEN1-L175 QALGLRDVHI	113	30053
>MEN1-L37P LSLVLGFV	160	>MEN1-L37P PSLVLGFV	6687	6527
>MEN1-L37P LSLVLGFV	400	>MEN1-L37P PSLVLGFV	3457	3057
>MEN1-L37P LSLVLGFVEHI	103	>MEN1-L37P PSLVLGFVEHI	6805	6702
>MEN1-L37P LSLVLGFVEHI	36	>MEN1-L37P PSLVLGFVEHI	422	386
>MEN1-L37P LSLVLGFVEHI	5	>MEN1-L37P PSLVLGFVEHI	469	464
>MEN1-L37P LSLVLGFVEHI	132	>MEN1-L37P PSLVLGFVEHI	4390	4258
>MEN1-L37P LSLVLGFVEHI	18	>MEN1-L37P PSLVLGFVEHI	2765	2747
>MEN1-L37P LSLVLGFVEHI	86	>MEN1-L37P PSLVLGFVEHI	5502	5416
>MEN1-L37P LLSLVLGFV	1343	>MEN1-L37P LPSLVLGFV	437	906
>MEN1-L37P LLSLVLGFV	68	>MEN1-L37P LPSLVLGFV	18493	18425
>MEN1-L37P LLSLVLGFV	10	>MEN1-L37P LPSLVLGFV	5031	5021
>MEN1-L37P LLSLVLGFV	7	>MEN1-L37P LPSLVLGFV	4933	4926
>MEN1-L37P LLSLVLGFV	53	>MEN1-L37P LPSLVLGFV	3661	3608
>MEN1-L37P LLSLVLGFV	4	>MEN1-L37P LPSLVLGFV	14104	14100
>MEN1-L37P LLSLVLGFV	14	>MEN1-L37P LPSLVLGFV	21065	21051
>MEN1-L37P LLSLVLGFV	10	>MEN1-L37P LPSLVLGFV	16880	16870
>MEN1-L37P LLSLVLGFV	7	>MEN1-L37P LPSLVLGFV	21534	21527
>MEN1-L37P LLSLVLGFV	4	>MEN1-L37P LPSLVLGFV	25746	25742
>MEN1-L37P LLSLVLGFV	476	>MEN1-L37P LPSLVLGFV	3274	2798
>MEN1-L37P LLSLVLGF	113	>MEN1-L37P LPSLVLGF	10189	10076
>MEN1-L37P LLSLVLGF	4308	>MEN1-L37P LPSLVLGF	24	4284
>MEN1-L37P LLSLVLGFVEH	7644	>MEN1-L37P LPSLVLGFVEH	140	7504
>MEN1-L37P LLSLVLGFV	21458	>MEN1-L37P LPSLVLGFV	417	21041
>MEN1-L37P LLSLVLGF	24729	>MEN1-L37P LPSLVLGF	106	24623
>MEN1-L37P LLSLVLGFV	20294	>MEN1-L37P LPSLVLGFV	62	20232
>MEN1-L37P LLSLVLGF	19386	>MEN1-L37P LPSLVLGF	165	19221
>MEN1-L37P VLLSLVLGFV	12	>MEN1-L37P VLPSLVLGFV	46	34
>MEN1-L37P VLLSLVLGFV	37	>MEN1-L37P VLPSLVLGFV	42	5
>MEN1-L37P VLLSLVLGFV	19	>MEN1-L37P VLPSLVLGFV	25	6
>MEN1-L37P VLLSLVLGFV	61	>MEN1-L37P VLPSLVLGFV	147	86
>MEN1-L37P VLLSLVLGF	59	>MEN1-L37P VLPSLVLGF	668	609
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>MEN1-L37P VLLSLVLGFV	4	>MEN1-L37P VLPSLVLGFV	17	13
>MEN1-L37P VLLSLVLGFV	4	>MEN1-L37P VLPSLVLGFV	6	2
>MEN1-L37P VLLSLVLGFV	2	>MEN1-L37P VLPSLVLGFV	8	6

>MEN1-L37P VLLSLVLGFV	2	>MEN1-L37P VLPSVLGFV	3	1
>MEN1-L37P VLLSLVLGF	131	>MEN1-L37P VLPSVLGF	471	340
>MEN1-L37P VLLSLVLGFV	285	>MEN1-L37P VLPSVLGFV	6640	6355
>MEN1-L37P VLLSLVLGF	111	>MEN1-L37P VLPSVLGF	232	121
>MEN1-L37P VLLSLVLGF	38	>MEN1-L37P VLPSVLGF	368	330
>MEN1-L37P VLLSLVLGF	241	>MEN1-L37P VLPSVLGF	6582	6341
>MEN1-L37P VLLSLVLGF	13571	>MEN1-L37P VLPSVLGF	33	13538
>MEN1-L37P VLLSLVLGFV	14880	>MEN1-L37P VLPSVLGFV	80	14800
>MEN1-L37P LVLLSLVLGFV	220	>MEN1-L37P LVLPSVLGFV	75	145
>MEN1-L37P LVLLSLVLGFV	500	>MEN1-L37P LVLPSVLGFV	133	367
>MEN1-L37P LVLLSLVLGFV	182	>MEN1-L37P LVLPSVLGFV	49	133
>MEN1-L37P LVLLSLVL	244	>MEN1-L37P LVLPSVL	55	189
>MEN1-L37P LVLLSLVLGFV	12	>MEN1-L37P LVLPSVLGFV	5	7
>MEN1-L37P LVLLSLVL	1662	>MEN1-L37P LVLPSVL	366	1296
>MEN1-L37P LVLLSLVLGFV	34	>MEN1-L37P LVLPSVLGFV	9	25
>MEN1-L37P LVLLSLVLGFV	198	>MEN1-L37P LVLPSVLGFV	60	138
>MEN1-L37P LVLLSLVLGFV	46	>MEN1-L37P LVLPSVLGFV	19	27
>MEN1-L37P LVLLSLVLGFV	61	>MEN1-L37P LVLPSVLGFV	30	31
>MEN1-L37P LVLLSLVL	823	>MEN1-L37P LVLPSVL	82	741
>MEN1-L37P LVLLSLVLGFV	44	>MEN1-L37P LVLPSVLGFV	9	35
>MEN1-L37P LVLLSLVLGF	574	>MEN1-L37P LVLPSVLGF	104	470
>MEN1-L37P LVLLSLVLGFV	241	>MEN1-L37P LVLPSVLGFV	70	171
>MEN1-L37P LVLLSLVLGFV	74	>MEN1-L37P LVLPSVLGFV	35	39
>MEN1-L37P LVLLSLVLGF	428	>MEN1-L37P LVLPSVLGF	125	303
>MEN1-L37P LVLLSLVLGF	257	>MEN1-L37P LVLPSVLGF	83	174
>MEN1-L37P LVLLSLVL	455	>MEN1-L37P LVLPSVL	55	400
>MEN1-L37P LVLLSLVLGF	21	>MEN1-L37P LVLPSVLGF	8	13
>MEN1-L37P LVLLSLVLGF	444	>MEN1-L37P LVLPSVLGF	93	351
>MEN1-L37P LVLLSLVL	1312	>MEN1-L37P LVLPSVL	248	1064
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>MEN1-L37P DLVLLSLV	174	>MEN1-L37P DLVLPVSLV	380	206
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>MEN1-L37P PDLVLLSL	475	>MEN1-L37P PDLVLPVSL	1019	544
>MEN1-L37P PDLVLLSLV	36	>MEN1-L37P PDLVLPVSLV	40	4
>MEN1-L37P PDLVLLSLVL	158	>MEN1-L37P PDLVLPVSLVL	222	64
>MEN1-L37P EPDLVLLSL	541	>MEN1-L37P EPDLVLPVSL	183	358
>MEN1-L37P EPDLVLLSLV	139	>MEN1-L37P EPDLVLPVSLV	143	4
>MEN1-L37P EPDLVLLSLVL	383	>MEN1-L37P EPDLVLPVSLVL	483	100
>MEN1-L37P EPDLVLLSLVL	105	>MEN1-L37P EPDLVLPVSLVL	152	47
>MEN1-L37P EPDLVLLSL	357	>MEN1-L37P EPDLVLPVSL	798	441

>MEN1-L37P EEPDLVLL	212	>MEN1-L37P EEPDLVLP	7045	6833
>MEN1-L37P EEPDLVLLSL	180	>MEN1-L37P EEPDLVLPSL	271	91
>MEN1-L37P EEPDLVLLSLV	39	>MEN1-L37P EEPDLVLPSLV	116	77
>MEN1-L37P EEPDLVLLSL	161	>MEN1-L37P EEPDLVLPSL	181	20
>MEN1-L37P EEPDLVLLSLV	53	>MEN1-L37P EEPDLVLPSLV	136	83
>MEN1-L37P REEPDLVLL	7	>MEN1-L37P REEPDLVLP	695	688
>MEN1-L37P REEPDLVLLSL	7	>MEN1-L37P REEPDLVLPSI	7	0
>MEN1-L37P REEPDLVLLSL	156	>MEN1-L37P REEPDLVLPSI	169	13
>MEN1-L37P REEPDLVLLS	264	>MEN1-L37P REEPDLVLPS	306	42
>MEN1-L37P REEPDLVLL	19	>MEN1-L37P REEPDLVLP	2405	2386
>MEN1-L37P REEPDLVLLSL	22	>MEN1-L37P REEPDLVLPSI	19	3
>MEN1-L37P REEPDLVLL	249	>MEN1-L37P REEPDLVLP	18418	18169
>MEN1-L37P GREEPDLVLL	329	>MEN1-L37P GREEPDLVLP	16716	16387
>MEN1-L37P GREEPDLVLL	290	>MEN1-L37P GREEPDLVLP	15576	15286
>MEN1-L89R LYARFTAQI	305	>MEN1-L89R RYARFTAQI	255	50
>MEN1-L89R LYARFTAQI	187	>MEN1-L89R RYARFTAQI	788	601
>MEN1-L89R LYARFTAQI	204	>MEN1-L89R RYARFTAQI	1000	796
>MEN1-L89R LYARFTAQI	179	>MEN1-L89R RYARFTAQI	105	74
>MEN1-L89R LYARFTAQI	60	>MEN1-L89R RYARFTAQI	31	29
>MEN1-L89R LYARFTAQI	5	>MEN1-L89R RYARFTAQI	4	1
>MEN1-L89R LYARFTAQIR	1177	>MEN1-L89R RYARFTAQIR	432	745
>MEN1-L89R LYARFTAQI	1926	>MEN1-L89R RYARFTAQI	51	1875
>MEN1-L89R LYARFTAQIR	7094	>MEN1-L89R RYARFTAQIR	480	6614
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>MEN1-L89R LYARFTAQI	2594	>MEN1-L89R RYARFTAQI	51	2543
>MEN1-L89R LYARFTAQIR	418	>MEN1-L89R RYARFTAQIR	1849	1431
>MEN1-L89R LYARFTAQ	2706	>MEN1-L89R RYARFTAQ	290	2416
>MEN1-L89R LYARFTAQIR	81	>MEN1-L89R RYARFTAQIR	20	61
>MEN1-L89R LYARFTAQI	433	>MEN1-L89R RYARFTAQI	142	291
>MEN1-L89R ALYARFTAQI	2733	>MEN1-L89R ARYARFTAQI	484	2249
>MEN1-L89R ALYARFTA	36	>MEN1-L89R ARYARFTA	21484	21448
>MEN1-L89R ALYARFTAQI	260	>MEN1-L89R ARYARFTAQI	22407	22147
>MEN1-L89R ALYARFTA	44	>MEN1-L89R ARYARFTA	16865	16821
>MEN1-L89R ALYARFTAQ	184	>MEN1-L89R ARYARFTAQ	28632	28448
>MEN1-L89R ALYARFTAQI	29	>MEN1-L89R ARYARFTAQI	8737	8708
>MEN1-L89R ALYARFTA	9	>MEN1-L89R ARYARFTA	12305	12296
>MEN1-L89R ALYARFTAQ	205	>MEN1-L89R ARYARFTAQ	20849	20644
>MEN1-L89R ALYARFTAQI	17	>MEN1-L89R ARYARFTAQI	5886	5869
>MEN1-L89R ALYARFTA	59	>MEN1-L89R ARYARFTA	5846	5787
>MEN1-L89R ALYARFTAQ	484	>MEN1-L89R ARYARFTAQ	20715	20231
>MEN1-L89R ALYARFTA	7	>MEN1-L89R ARYARFTA	15887	15880
>MEN1-L89R ALYARFTAQI	3	>MEN1-L89R ARYARFTAQI	8331	8328
>MEN1-L89R ALYARFTA	59	>MEN1-L89R ARYARFTA	21456	21397

>MEN1-L89R ALYARFTAQI	25	>MEN1-L89R ARYARFTAQI	21871	21846
>MEN1-L89R ALYARFTA	16	>MEN1-L89R ARYARFTA	19355	19339
>MEN1-L89R ALYARFTAQI	15	>MEN1-L89R ARYARFTAQI	18467	18452
>MEN1-L89R ALYARFTAQI	131	>MEN1-L89R ARYARFTAQI	23420	23289
>MEN1-L89R ALYARFTA	4	>MEN1-L89R ARYARFTA	21219	21215
>MEN1-L89R ALYARFTAQ	26	>MEN1-L89R ARYARFTAQ	32913	32887
>MEN1-L89R ALYARFTAQI	3	>MEN1-L89R ARYARFTAQI	20233	20230
>MEN1-L89R ALYARFTAQII	76	>MEN1-L89R ARYARFTAQI	17453	17377
>MEN1-L89R ALYARFTAQII	38	>MEN1-L89R ARYARFTAQI	3961	3923
>MEN1-L89R ALYARFTAQI	32	>MEN1-L89R ARYARFTAQI	2579	2547
>MEN1-L89R ALYARFTAQ	485	>MEN1-L89R ARYARFTAQ	3152	2667
>MEN1-L89R ALYARFTAQ	906	>MEN1-L89R ARYARFTAQ	399	507
>MEN1-L89R ALYARFTAQI	226	>MEN1-L89R ARYARFTAQI	94	132
>MEN1-L89R ALYARFTAQII	566	>MEN1-L89R ARYARFTAQI	235	331
>MEN1-L89R ALYARFTA	18674	>MEN1-L89R ARYARFTA	119	18555
>MEN1-L89R ALYARFTAQ	22401	>MEN1-L89R ARYARFTAQ	330	22071
>MEN1-L89R ALYARFTAQI	22855	>MEN1-L89R ARYARFTAQI	45	22810
>MEN1-L89R ALYARFTAQII	15882	>MEN1-L89R ARYARFTAQI	69	15813
>MEN1-L89R ALYARFTA	22060	>MEN1-L89R ARYARFTA	328	21732
>MEN1-L89R ALYARFTAQI	27035	>MEN1-L89R ARYARFTAQI	439	26596
>MEN1-L89R ALYARFTAQ	17638	>MEN1-L89R ARYARFTAQ	123	17515
>MEN1-L89R ALYARFTAQI	25951	>MEN1-L89R ARYARFTAQI	354	25597
>MEN1-L89R ALYARFTAQII	13592	>MEN1-L89R ARYARFTAQI	136	13456
>MEN1-L89R ALYARFTAQII	405	>MEN1-L89R ARYARFTAQI	1078	673
>MEN1-L89R PVADLSIIAAL	129	>MEN1-L89R PVADLSIIAAR	19538	19409
>MEN1-L89R PVADLSIIAAL	24857	>MEN1-L89R PVADLSIIAAR	118	24739
>MEN1-L89R PVADLSIIAAL	284	>MEN1-L89R PVADLSIIAAR	19735	19451
>MEN1-L89R AALYARFTA	372	>MEN1-L89R AARYARFTA	8812	8440
>MEN1-L89R AALYARFT	3781	>MEN1-L89R AARYARFT	50	3731
>MEN1-L89R AALYARFTA	126	>MEN1-L89R AARYARFTA	6	120
>MEN1-L89R AALYARFTAC	3853	>MEN1-L89R AARYARFTAC	79	3774
>MEN1-L89R AALYARFTAC	225	>MEN1-L89R AARYARFTAC	6	219
>MEN1-L89R AALYARFTAC	344	>MEN1-L89R AARYARFTAC	3221	2877
>MEN1-L89R AALYARFTAC	439	>MEN1-L89R AARYARFTAC	10818	10379
>MEN1-L89R AALYARFTAC	10466	>MEN1-L89R AARYARFTAC	453	10013
>MEN1-L89R AALYARFTAC	187	>MEN1-L89R AARYARFTAC	75	112
>MEN1-L89R AALYARFTAC	59	>MEN1-L89R AARYARFTAC	107	48
>MEN1-L89R IAALYARF	312	>MEN1-L89R IAARYARF	231	81
>MEN1-L89R IAALYARF	204	>MEN1-L89R IAARYARF	72	132
>MEN1-L89R IAALYARF	10	>MEN1-L89R IAARYARF	13	3
>MEN1-L89R IAALYARF	322	>MEN1-L89R IAARYARF	830	508
>MEN1-L89R IAALYARF	518	>MEN1-L89R IAARYARF	160	358
>MEN1-L89R IAALYARF	110	>MEN1-L89R IAARYARF	52	58



>MEN1-L89R IIAALYARF	79	>MEN1-L89R IIAARYARF	36	43
>MEN1-L89R IIAALYARFTA	489	>MEN1-L89R IIAARYARFTA	853	364
>MEN1-L89R IIAALYARFTA	82	>MEN1-L89R IIAARYARFTA	176	94
>MEN1-L89R IIAALYARFTA	96	>MEN1-L89R IIAARYARFTA	87	9
>MEN1-L89R IIAALYARFTA	121	>MEN1-L89R IIAARYARFTA	110	11
>MEN1-L89R IIAALYARFTA	203	>MEN1-L89R IIAARYARFTA	168	35
>MEN1-L89R IIAALYAR	472	>MEN1-L89R IIAARYAR	581	109
>MEN1-L89R IIAALYARF	715	>MEN1-L89R IIAARYARF	484	231
>MEN1-L89R IIAALYAR	19	>MEN1-L89R IIAARYAR	14	5
>MEN1-L89R IIAALYAR	168	>MEN1-L89R IIAARYAR	74	94
>MEN1-L89R IIAALYAR	20	>MEN1-L89R IIAARYAR	20	0
>MEN1-L89R IIAALYARFTA	113	>MEN1-L89R IIAARYARFTA	399	286
>MEN1-L89R IIAALYARF	157	>MEN1-L89R IIAARYARF	199	42
>MEN1-L89R IIAALYARF	399	>MEN1-L89R IIAARYARF	387	12
>MEN1-L89R IIAALYARF	283	>MEN1-L89R IIAARYARF	111	172
>MEN1-L89R IIAALYARF	55	>MEN1-L89R IIAARYARF	475	420
>MEN1-L89R IIAALYARF	265	>MEN1-L89R IIAARYARF	910	645
>MEN1-L89R IIAALYAR	61	>MEN1-L89R IIAARYAR	68	7
>MEN1-L89R SIIAALYA	101	>MEN1-L89R SIIAARYA	2106	2005
>MEN1-L89R SIIAALYA	105	>MEN1-L89R SIIAARYA	865	760
>MEN1-L89R SIIAALYA	58	>MEN1-L89R SIIAARYA	319	261
>MEN1-L89R SIIAALYA	23	>MEN1-L89R SIIAARYA	294	271
>MEN1-L89R SIIAALYARFT	367	>MEN1-L89R SIIAARYARFT	2173	1806
>MEN1-L89R SIIAALYA	258	>MEN1-L89R SIIAARYA	1562	1304
>MEN1-L89R SIIAALYA	465	>MEN1-L89R SIIAARYA	3974	3509
>MEN1-L89R SIIAALYA	411	>MEN1-L89R SIIAARYA	2287	1876
>MEN1-L89R SIIAALYAR	45	>MEN1-L89R SIIAARYAR	49	4
>MEN1-L89R SIIAALYARF	182	>MEN1-L89R SIIAARYARF	380	198
>MEN1-L89R SIIAALYARF	10	>MEN1-L89R SIIAARYARF	38	28
>MEN1-L89R SIIAALYAR	15	>MEN1-L89R SIIAARYAR	10	5
>MEN1-L89R SIIAALYAR	316	>MEN1-L89R SIIAARYAR	124	192
>MEN1-L89R SIIAALYAR	19	>MEN1-L89R SIIAARYAR	10	9
>MEN1-L89R SIIAALYA	153	>MEN1-L89R SIIAARYA	200	47
>MEN1-L89R SIIAALYARF	76	>MEN1-L89R SIIAARYARF	92	16
>MEN1-L89R SIIAALYARF	300	>MEN1-L89R SIIAARYARF	458	158
>MEN1-L89R SIIAALYARF	324	>MEN1-L89R SIIAARYARF	473	149
>MEN1-L89R SIIAALYAR	69	>MEN1-L89R SIIAARYAR	42	27
>MEN1-L89R LSIIAALYARF	300	>MEN1-L89R LSIIAARYARF	268	32
>MEN1-L89R LSIIAALY	427	>MEN1-L89R LSIIAARY	2024	1597
>MEN1-L89R LSIIAALYAR	57	>MEN1-L89R LSIIAARYAR	114	57
>MEN1-L89R LSIIAALY	1115	>MEN1-L89R LSIIAARY	300	815
>MEN1-L89R LSIIAALY	17	>MEN1-L89R LSIIAARY	74	57
>MEN1-L89R LSIIAALY	65	>MEN1-L89R LSIIAARY	71	6

>MEN1-L89R LSIIAALYAR	19	>MEN1-L89R LSIIAARYAR	11	8
>MEN1-L89R LSIIAALYAR	280	>MEN1-L89R LSIIAARYAR	373	93
>MEN1-L89R LSIIAALYAR	9	>MEN1-L89R LSIIAARYAR	13	4
>MEN1-L89R LSIIAALY	163	>MEN1-L89R LSIIAARY	159	4
>MEN1-L89R LSIIAALYARF	101	>MEN1-L89R LSIIAARYARF	152	51
>MEN1-L89R LSIIAALYARF	109	>MEN1-L89R LSIIAARYARF	130	21
>MEN1-L89R LSIIAALY	3	>MEN1-L89R LSIIAARY	3	0
>MEN1-L89R LSIIAALYA	293	>MEN1-L89R LSIIAARYA	1421	1128
>MEN1-L89R LSIIAALYARF	3	>MEN1-L89R LSIIAARYARF	3	0
>MEN1-L89R LSIIAALY	352	>MEN1-L89R LSIIAARY	550	198
>MEN1-L89R LSIIAALY	305	>MEN1-L89R LSIIAARY	241	64
>MEN1-L89R LSIIAALYARF	182	>MEN1-L89R LSIIAARYARF	181	1
>MEN1-L89R LSIIAALY	45	>MEN1-L89R LSIIAARY	139	94
>MEN1-L89R LSIIAALYARF	23	>MEN1-L89R LSIIAARYARF	61	38
>MEN1-L89R LSIIAALYARF	311	>MEN1-L89R LSIIAARYARF	643	332
>MEN1-L89R LSIIAALY	138	>MEN1-L89R LSIIAARY	652	514
>MEN1-L89R LSIIAALYARF	87	>MEN1-L89R LSIIAARYARF	144	57
>MEN1-L89R DLSIIAAL	214	>MEN1-L89R DLSIIAAR	14853	14639
>MEN1-L89R DLSIIAALYA	279	>MEN1-L89R DLSIIAARYA	1149	870
>MEN1-L89R DLSIIAALYA	478	>MEN1-L89R DLSIIAARYA	1006	528
>MEN1-L89R DLSIIAAL	394	>MEN1-L89R DLSIIAAR	25962	25568
>MEN1-L89R DLSIIAAL	138	>MEN1-L89R DLSIIAAR	23663	23525
>MEN1-L89R DLSIIAALY	26	>MEN1-L89R DLSIIAARY	103	77
>MEN1-L89R DLSIIAALY	78	>MEN1-L89R DLSIIAARY	80	2
>MEN1-L89R DLSIIAAL	6846	>MEN1-L89R DLSIIAAR	20	6826
>MEN1-L89R DLSIIAALYAR	19	>MEN1-L89R DLSIIAARYAR	18	1
>MEN1-L89R DLSIIAAL	17317	>MEN1-L89R DLSIIAAR	19	17298
>MEN1-L89R DLSIIAALY	197	>MEN1-L89R DLSIIAARY	739	542
>MEN1-L89R DLSIIAALYAR	20	>MEN1-L89R DLSIIAARYAR	15	5
>MEN1-L89R DLSIIAALY	466	>MEN1-L89R DLSIIAARY	1833	1367
>MEN1-L89R DLSIIAALY	233	>MEN1-L89R DLSIIAARY	231	2
>MEN1-L89R ADLSIIAALY	424	>MEN1-L89R ADLSIIAARY	798	374
>MEN1-L89R ADLSIIAALY	267	>MEN1-L89R ADLSIIAARY	533	266
>MEN1-L89R ADLSIIAAL	328	>MEN1-L89R ADLSIIAAR	10550	10222
>MEN1-L89R ADLSIIAALY	413	>MEN1-L89R ADLSIIAARY	1676	1263
>MEN1-L89R ADLSIIAALY	482	>MEN1-L89R ADLSIIAARY	1797	1315
>MEN1-L89R ADLSIIAAL	132	>MEN1-L89R ADLSIIAAR	9146	9014
>MEN1-L89R ADLSIIAAL	310	>MEN1-L89R ADLSIIAAR	17775	17465
>MEN1-L89R VADLSIIAALY	24	>MEN1-L89R VADLSIIAARY	44	20
>MEN1-L89R VADLSIIAAL	22989	>MEN1-L89R VADLSIIAAR	416	22573
>MEN1-L89R VADLSIIAAL	33037	>MEN1-L89R VADLSIIAAR	431	32606
>MEN1-L89R VADLSIIAAL	178	>MEN1-L89R VADLSIIAAR	11177	10999
>MEN1-L89R VADLSIIAALY	30	>MEN1-L89R VADLSIIAARY	16	14

>MEN1-L89R VADLSIIAALY	289	>MEN1-L89R VADLSIIAARY	329	40
>MEN1-M56 MKELLVATKI	357	>MEN1-M56 TKELLVATKI	473	116
>MEN1-M56 GMKELLVAT	405	>MEN1-M56 GTKELLVAT	9492	9087
>MEN1-M56 GMKELLVATK	139	>MEN1-M56 GTKELLVATKI	5444	5305
>MEN1-M56 GMKELLVA	17	>MEN1-M56 GTKELLVA	1144	1127
>MEN1-M56 GMKELLVAT	39	>MEN1-M56 GTKELLVAT	2578	2539
>MEN1-M56 GMKELLVATK	10	>MEN1-M56 GTKELLVATKI	783	773
>MEN1-M56 GMKELLVA	341	>MEN1-M56 GTKELLVA	12657	12316
>MEN1-M56 GMKELLVAT	441	>MEN1-M56 GTKELLVAT	14132	13691
>MEN1-M56 GMKELLVATK	104	>MEN1-M56 GTKELLVATKI	7388	7284
>MEN1-M56 GMKELLVA	209	>MEN1-M56 GTKELLVA	13083	12874
>MEN1-M56 GMKELLVAT	443	>MEN1-M56 GTKELLVAT	16096	15653
>MEN1-M56 GMKELLVATK	97	>MEN1-M56 GTKELLVATKI	10201	10104
>MEN1-M56 GMKELLVATK	416	>MEN1-M56 GTKELLVATKI	14073	13657
>MEN1-M56 GMKELLVA	97	>MEN1-M56 GTKELLVA	16959	16862
>MEN1-M56 GMKELLVATK	92	>MEN1-M56 GTKELLVATKI	16866	16774
>MEN1-M56 GMKELLVATK	384	>MEN1-M56 GTKELLVATK	911	527
>MEN1-M56 GMKELLVATK	594	>MEN1-M56 GTKELLVATK	178	416
>MEN1-M56 GMKELLVA	2895	>MEN1-M56 GTKELLVA	436	2459
>MEN1-M56 GMKELLVATK	59	>MEN1-M56 GTKELLVATK	11	48
>MEN1-M56 GMKELLVATK	2651	>MEN1-M56 GTKELLVATK	470	2181
>MEN1-M56 GMKELLVATK	16176	>MEN1-M56 GTKELLVATKI	495	15681
>MEN1-M56 GMKELLVATK	7127	>MEN1-M56 GTKELLVATKI	139	6988
>MEN1-M56 GMKELLVATK	10849	>MEN1-M56 GTKELLVATKI	301	10548
>MEN1-M56 LTFQSEKMKC	118	>MEN1-M56 LTFQSEKMKC	14068	13950
>MEN1-M56 LTFQSEKMKC	498	>MEN1-M56 LTFQSEKMKC	13231	12733
>MEN1-M56 LTFQSEKMKC	4	>MEN1-M56 LTFQSEKMKC	151	147
>MEN1-M56 LTFQSEKMKC	29	>MEN1-M56 LTFQSEKMKC	2610	2581
>MEN1-M56 KGMKELLVAT	288	>MEN1-M56 KGTKELLVAT	3942	3654
>MEN1-M56 KGMKELLVAT	107	>MEN1-M56 KGTKELLVAT	482	375
>MEN1-M56 KMKGMKELL	235	>MEN1-M56 KMKGTKELLV	354	119
>MEN1-M56 KMKGMKEL	243	>MEN1-M56 KMKGTKEL	248	5
>MEN1-M56 KMKGMKELL	107	>MEN1-M56 KMKGTKELL	144	37
>MEN1-M56 KMKGMKELL	84	>MEN1-M56 KMKGTKELLV	69	15
>MEN1-M56 KMKGMKEL	107	>MEN1-M56 KMKGTKEL	139	32
>MEN1-M56 KMKGMKELL	69	>MEN1-M56 KMKGTKELLV	67	2
>MEN1-M56 KMKGMKELL	118	>MEN1-M56 KMKGTKELLV	144	26
>MEN1-M56 KMKGMKEL	541	>MEN1-M56 KMKGTKEL	248	293
>MEN1-M56 KMKGMKELL	889	>MEN1-M56 KMKGTKELL	319	570
>MEN1-M56 KMKGMKELL	72	>MEN1-M56 KMKGTKELLV	40	32
>MEN1-M56 KMKGMKELL	502	>MEN1-M56 KMKGTKELLV	224	278
>MEN1-M56 KMKGMKELL	135	>MEN1-M56 KMKGTKELLV	98	37
>MEN1-M56 KMKGMKEL	22	>MEN1-M56 KMKGTKEL	20	2

>MEN1-M56 KMKGMKELL	29	>MEN1-M56 KMKGTKELL	36	7
>MEN1-M56 KMKGMKELL	6	>MEN1-M56 KMKGTKELLV	7	1
>MEN1-M56 KMKGMKELL	188	>MEN1-M56 KMKGTKELLV	239	51
>MEN1-M56 KMKGMKEL	434	>MEN1-M56 KMKGTKEL	187	247
>MEN1-M56 KMKGMKELL	136	>MEN1-M56 KMKGTKELLV	78	58
>MEN1-M56 KMKGMKELL	91	>MEN1-M56 KMKGTKELLV	53	38
>MEN1-M56 KMKGMKEL	686	>MEN1-M56 KMKGTKEL	484	202
>MEN1-M56 KMKGMKEL	656	>MEN1-M56 KMKGTKEL	225	431
>MEN1-M56 EKMKGKMKEL	187	>MEN1-M56 EKMKGTKEL	93	94
>MEN1-M56 EKMKGKMKEL	853	>MEN1-M56 EKMKGTKEL	460	393
>MEN1-M56 EKMKGKMKEL	656	>MEN1-M56 EKMKGTKELL	339	317
>MEN1-M56 SEKMKGKMK	237	>MEN1-M56 SEKMKGTK	270	33
>MEN1-M56 SEKMKGKMKEL	144	>MEN1-M56 SEKMKGTKEL	94	50
>MEN1-M56 SEKMKGKMKEL	141	>MEN1-M56 SEKMKGTKEL	138	3
>MEN1-M56 SEKMKGKMKEL	221	>MEN1-M56 SEKMKGTKEL	230	9
>MEN1-M56 SEKMKGKMKEL	296	>MEN1-M56 SEKMKGTKEL	451	155
>MEN1-M56 SEKMKGKMKEL	119	>MEN1-M56 SEKMKGTKEL	195	76
>MEN1-M56 SEKMKGKMKEL	287	>MEN1-M56 SEKMKGTKEL	534	247
>MEN1-M56 QSEKMKGM	251	>MEN1-M56 QSEKMKGT	15761	15510
>MEN1-M56 FQSEKMKGN	192	>MEN1-M56 FQSEKMKGT	226	34
>MEN1-M56 FQSEKMKGN	57	>MEN1-M56 FQSEKMKGT	113	56
>MEN1-M56 FQSEKMKGN	350	>MEN1-M56 FQSEKMKGT	11232	10882
>MEN1-P291 PTPGRPDPL	2465	>MEN1-P291 ATPGRPDPL	108	2357
>MEN1-P291 PTPGRPDPLT	1022	>MEN1-P291 ATPGRPDPLT	59	963
>MEN1-P291 PTPGRPDPLT	8402	>MEN1-P291 ATPGRPDPLT	154	8248
>MEN1-P291 PTPGRPDPL	198	>MEN1-P291 ATPGRPDPL	21	177
>MEN1-P291 PTPGRPDPLT	72	>MEN1-P291 ATPGRPDPLT	11	61
>MEN1-P291 LEPTPGRPDP	956	>MEN1-P291 LEATPGRPDP	62	894
>MEN1-P291 LEPTPGRPDP	321	>MEN1-P291 LEATPGRPDP	115	206
>MEN1-P291 ELEPTPGR	164	>MEN1-P291 ELEATPGR	82	82
>MEN1-P291 EELEPTPGR	512	>MEN1-P291 EELEATPGR	442	70
>MEN1-P291 DLEELEPTPGI	416	>MEN1-P291 DLEELEATPGI	268	148
>MEN1-P291 DLEELEPTPGI	335	>MEN1-P291 DLEELEATPGI	222	113
>MEN1-P291 NLADLEELEP	5444	>MEN1-P291 NLADLEELEA	222	5222
>MEN1-P291 NLADLEELEP	5646	>MEN1-P291 NLADLEELEA	74	5572
>MEN1-P291 NLADLEELEP`	29	>MEN1-P291 NLADLEELEA`	32	3
>MEN1-P291 NLADLEELEP	12931	>MEN1-P291 NLADLEELEA	332	12599
>MEN1-P291 NLADLEELEP`	199	>MEN1-P291 NLADLEELEA`	319	120
>MEN1-P291 NLADLEELEP`	329	>MEN1-P291 NLADLEELEA`	514	185
>MEN1-P291 NLADLEELEP	15705	>MEN1-P291 NLADLEELEA	483	15222
>MEN1-P291 NLADLEELEP	16047	>MEN1-P291 NLADLEELEA	214	15833
>MEN1-P291 NLADLEELEP	14246	>MEN1-P291 NLADLEELEA	36	14210
>MEN1-P291 NLADLEELEP`	416	>MEN1-P291 NLADLEELEA`	525	109

>MEN1-P320 PYMYLAGY	2708	>MEN1-P320 LYMYLAGY	290	2418
>MEN1-P320 PYMYLAGYH	3867	>MEN1-P320 LYMYLAGYH	391	3476
>MEN1-P320 PYMYLAGY	65	>MEN1-P320 LYMYLAGY	22	43
>MEN1-P320 PYMYLAGY	156	>MEN1-P320 LYMYLAGY	35	121
>MEN1-P320 PYMYLAGYH	248	>MEN1-P320 LYMYLAGYH	16	232
>MEN1-P320 PYMYLAGYH	161	>MEN1-P320 LYMYLAGYH	39	122
>MEN1-P320 PYMYLAGYH	2825	>MEN1-P320 LYMYLAGYH	141	2684
>MEN1-P320 PYMYLAGY	2087	>MEN1-P320 LYMYLAGY	470	1617
>MEN1-P320 PYMYLAGYH	65	>MEN1-P320 LYMYLAGYH	87	22
>MEN1-P320 PYMYLAGYH	1236	>MEN1-P320 LYMYLAGYH	431	805
>MEN1-P320 YPYMYLAGY	22868	>MEN1-P320 YLYMYLAGY	387	22481
>MEN1-P320 YPYMYLAGYH	20428	>MEN1-P320 YLYMYLAGYH	134	20294
>MEN1-P320 YPYMYLAG	28245	>MEN1-P320 YLYMYLAG	221	28024
>MEN1-P320 YPYMYLAGY	24624	>MEN1-P320 YLYMYLAGY	338	24286
>MEN1-P320 YPYMYLAGYH	25215	>MEN1-P320 YLYMYLAGYH	217	24998
>MEN1-P320 YPYMYLAG	20632	>MEN1-P320 YLYMYLAG	80	20552
>MEN1-P320 YPYMYLAGY	18477	>MEN1-P320 YLYMYLAGY	37	18440
>MEN1-P320 YPYMYLAGYH	19323	>MEN1-P320 YLYMYLAGYH	59	19264
>MEN1-P320 YPYMYLAGY	8564	>MEN1-P320 YLYMYLAGY	462	8102
>MEN1-P320 YPYMYLAGYH	8348	>MEN1-P320 YLYMYLAGYH	170	8178
>MEN1-P320 YPYMYLAG	19278	>MEN1-P320 YLYMYLAG	25	19253
>MEN1-P320 YPYMYLAGY	17969	>MEN1-P320 YLYMYLAGY	7	17962
>MEN1-P320 YPYMYLAGYH	25160	>MEN1-P320 YLYMYLAGYH	134	25026
>MEN1-P320 YPYMYLAGYH	5538	>MEN1-P320 YLYMYLAGYH	4	5534
>MEN1-P320 YPYMYLAGY	21113	>MEN1-P320 YLYMYLAGY	196	20917
>MEN1-P320 YPYMYLAGYH	15385	>MEN1-P320 YLYMYLAGYH	8	15377
>MEN1-P320 YPYMYLAGYH	20646	>MEN1-P320 YLYMYLAGYH	25	20621
>MEN1-P320 YPYMYLAGYH	21347	>MEN1-P320 YLYMYLAGYH	145	21202
>MEN1-P320 YPYMYLAG	35844	>MEN1-P320 YLYMYLAG	99	35745
>MEN1-P320 YPYMYLAGY	32360	>MEN1-P320 YLYMYLAGY	8	32352
>MEN1-P320 YPYMYLAGYH	27045	>MEN1-P320 YLYMYLAGYH	5	27040
>MEN1-P320 YPYMYLAGY	17804	>MEN1-P320 YLYMYLAGY	165	17639
>MEN1-P320 YPYMYLAGY	373	>MEN1-P320 YLYMYLAGY	64	309
>MEN1-P320 YPYMYLAGY	2121	>MEN1-P320 YLYMYLAGY	52	2069
>MEN1-P320 YPYMYLAGY	66	>MEN1-P320 YLYMYLAGY	20	46
>MEN1-P320 YPYMYLAGY	98	>MEN1-P320 YLYMYLAGY	11	87
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>MEN1-P320 YPYMYLAGY	3463	>MEN1-P320 YLYMYLAGY	40	3423
>MEN1-P320 YPYMYLAG	16290	>MEN1-P320 YLYMYLAG	358	15932
>MEN1-P320 YPYMYLAGY	1235	>MEN1-P320 YLYMYLAGY	36	1199
>MEN1-P320 YPYMYLAGY	203	>MEN1-P320 YLYMYLAGY	27	176
>MEN1-P320 YPYMYLAGY	171	>MEN1-P320 YLYMYLAGY	15	156
>MEN1-P320 YPYMYLAGY	94	>MEN1-P320 YLYMYLAGY	8	86

>MEN1-P320YPYMYLAGY	308	>MEN1-P320YLYMYLAGY	6173	5865
>MEN1-P320YPYMYLAG	51	>MEN1-P320YLYMYLAG	6480	6429
>MEN1-P320YPYMYLAGY	9	>MEN1-P320YLYMYLAGY	216	207
>MEN1-P320YPYMYLAGY	117	>MEN1-P320YLYMYLAGY	27315	27198
>MEN1-P320YPYMYLAG	84	>MEN1-P320YLYMYLAG	16518	16434
>MEN1-P320YPYMYLAGY†	462	>MEN1-P320YLYMYLAGY†	27140	26678
>MEN1-P320YPYMYLAGY†	372	>MEN1-P320YLYMYLAGY†	21929	21557
>MEN1-P320YPYMYLAGY	364	>MEN1-P320YLYMYLAGY	273	91
>MEN1-P320YPYMYLAGY	66	>MEN1-P320YLYMYLAGY	4392	4326
>MEN1-P320YPYMYLAGY	108	>MEN1-P320YLYMYLAGY	15515	15407
>MEN1-P320KTYRDEHIY†	3606	>MEN1-P320KTYRDEHIY†	99	3507
>MEN1-P320KTYRDEHIY†	19543	>MEN1-P320KTYRDEHIY†	297	19246
>MEN1-P320KTYRDEHIY†	12991	>MEN1-P320KTYRDEHIY†	211	12780
>MEN1-P320KTYRDEHIY†	16793	>MEN1-P320KTYRDEHIY†	267	16526
>MEN1-P320KTYRDEHIY†	507	>MEN1-P320KTYRDEHIY†	79	428
>MEN1-P320KTYRDEHIY†	2383	>MEN1-P320KTYRDEHIY†	234	2149
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>MEN1-P320KTYRDEHIY†	5758	>MEN1-P320KTYRDEHIY†	5	5753
>MEN1-P320KTYRDEHIY†	13108	>MEN1-P320KTYRDEHIY†	363	12745
>MEN1-P320KTYRDEHIY†	14236	>MEN1-P320KTYRDEHIY†	93	14143
>MEN1-P320KTYRDEHIY†	10272	>MEN1-P320KTYRDEHIY†	265	10007
>MEN1-P320KTYRDEHIY†	9760	>MEN1-P320KTYRDEHIY†	170	9590
>MEN1-P320KTYRDEHIY†	12169	>MEN1-P320KTYRDEHIY†	90	12079
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>MEN1-P320IYPYMYLA	317	>MEN1-P320IYLYMYLA	593	276
>MEN1-P320IYPYMYLAGY	343	>MEN1-P320IYLYMYLAGY	628	285
>MEN1-P320IYPYMYLAGY	31	>MEN1-P320IYLYMYLAGY	28	3
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>MEN1-P320IYPYMYLAGY	36	>MEN1-P320IYLYMYLAGY	23	13
>MEN1-P320IYPYMYLAGY	1290	>MEN1-P320IYLYMYLAGY	157	1133
>MEN1-P320IYPYMYLA	1565	>MEN1-P320IYLYMYLA	462	1103
>MEN1-P320HIYPYMYL	17	>MEN1-P320HIYLYMYL	8	9
>MEN1-P320HIYPYMYL	40	>MEN1-P320HIYLYMYL	72	32
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>MEN1-P320HIYPYMYL	23	>MEN1-P320HIYLYMYL	62	39
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>MEN1-P320HIYPYMYLA	15	>MEN1-P320HIYLYMYLA	209	194
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>MEN1-P320 HIYPYMYLA	108	>MEN1-P320 HIYLYMYLA	2537	2429
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>MEN1-P320 HIYPYMYLAG	274	>MEN1-P320 HIYLYMYLAG	518	244
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>MEN1-P320 HIYPYMYLAG	14	>MEN1-P320 HIYLYMYLAG	51	37
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>MEN1-P320 HIYPYMYLAG	323	>MEN1-P320 HIYLYMYLAG	330	7
>MEN1-P320 HIYPYMYLAG	15	>MEN1-P320 HIYLYMYLAG	24	9
>MEN1-P320 HIYPYMYL	226	>MEN1-P320 HIYLYMYL	440	214
>MEN1-P320 HIYPYMYLA	467	>MEN1-P320 HIYLYMYLA	1241	774
>MEN1-P320 HIYPYMYLAG	32	>MEN1-P320 HIYLYMYLAG	87	55
>MEN1-P320 HIYPYMYLAG	110	>MEN1-P320 HIYLYMYLAG	305	195
>MEN1-P320 HIYPYMYL	17	>MEN1-P320 HIYLYMYL	44	27
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>MEN1-P320 HIYPYMYLAG	219	>MEN1-P320 HIYLYMYLAG	413	194
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>MEN1-P320 EHIYPYMY	168	>MEN1-P320 EHIYLYMY	162	6
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>MEN1-P320 EHIYPYMY	206	>MEN1-P320 EHIYLYMY	523	317
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>MEN1-P320 DEHIYPYMY	1516	>MEN1-P320 DEHIYLYMY	302	1214
>MEN1-P320 DEHIYPYMYL	533	>MEN1-P320 DEHIYLYMYL	71	462
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>MEN1-P320 DEHIYPYMY	405	>MEN1-P320 DEHIYLYMY	824	419
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>MEN1-P320 DEHIYPYMY	6	>MEN1-P320 DEHIYLYMY	4	2
>MEN1-P320 DEHIYPYMYL	1308	>MEN1-P320 DEHIYLYMYL	360	948
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>MEN1-P320 DEHIYPMY	133	>MEN1-P320 DEHIYLYMY	133	0
>MEN1-P320 DEHIYPMYL	353	>MEN1-P320 DEHIYLYMYL	136	217
>MEN1-P320 DEHIYPMYL	82	>MEN1-P320 DEHIYLYMYL	54	28
>MEN1-P320 RDEHIYPMY	218	>MEN1-P320 RDEHIYLYMY	225	7
>MEN1-P320 YRDEHIYPY	818	>MEN1-P320 YRDEHIYLY	400	418
>MEN1-P320 YRDEHIYPM	430	>MEN1-P320 YRDEHIYLYM	390	40
>MEN1-P320 YRDEHIYP	14040	>MEN1-P320 YRDEHIYL	219	13821
>MEN1-P320 YRDEHIYPY	365	>MEN1-P320 YRDEHIYLY	107	258
>MEN1-P320 YRDEHIYPM	225	>MEN1-P320 YRDEHIYLYM	195	30
>MEN1-P320 YRDEHIYPY	400	>MEN1-P320 YRDEHIYLY	1225	825
>MEN1-P320 YRDEHIYPY	128	>MEN1-P320 YRDEHIYLY	144	16
>MEN1-P320 YRDEHIYPM	125	>MEN1-P320 YRDEHIYLYM	92	33
>MEN1-P320 YRDEHIYPM	221	>MEN1-P320 YRDEHIYLYM	190	31
>MEN1-P320 YRDEHIYPY	243	>MEN1-P320 YRDEHIYLY	4516	4273
>MEN1-P320 YRDEHIYP	10459	>MEN1-P320 YRDEHIYL	35	10424
>MEN1-P320 YRDEHIYPM	114	>MEN1-P320 YRDEHIYLYM	107	7
>MEN1-P320 YRDEHIYPY	109	>MEN1-P320 YRDEHIYLY	1635	1526
>MEN1-P320 YRDEHIYPM	390	>MEN1-P320 YRDEHIYLYM	117	273
>MEN1-P320 YRDEHIYPY	1845	>MEN1-P320 YRDEHIYLY	426	1419
>MEN1-P320 YRDEHIYPM	704	>MEN1-P320 YRDEHIYLYM	481	223
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>MEN1-P320 YYRDEHIYP	27295	>MEN1-P320 YYRDEHIYL	298	26997
>MEN1-P320 YYRDEHIYP	4577	>MEN1-P320 YYRDEHIYL	12	4565
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>MEN1-P320 YYRDEHIYPY	87	>MEN1-P320 YYRDEHIYLY	58	29
>MEN1-P320 YYRDEHIYPY	352	>MEN1-P320 YYRDEHIYLYM	154	198
>MEN1-P320 YYRDEHIYP	321	>MEN1-P320 YYRDEHIYL	25	296
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>MEN1-P320 YYRDEHIYPY	17	>MEN1-P320 YYRDEHIYLYM	22	5
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>MEN1-P320 YYRDEHIYPY	447	>MEN1-P320 YYRDEHIYLY	1530	1083
>MEN1-P320 YYRDEHIYPY	261	>MEN1-P320 YYRDEHIYLY	1140	879
>MEN1-P320 TYRDEHIYP	614	>MEN1-P320 TYRDEHIYLY	195	419
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>MEN1-P320 TYRDEHIYP	58	>MEN1-P320 TYRDEHIYLY	273	215
>MEN1-P320 TYRDEHIYP	26	>MEN1-P320 TYRDEHIYLY	14	12
>MEN1-P320 TYRDEHIYP	119	>MEN1-P320 TYRDEHIYLY	76	43
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>MEN1-P32RPDLVLLSL	2176	>MEN1-P32RRDLVLLSL	32	2144
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>MEN1-P32RPDLVLLSL	26246	>MEN1-P32RRDLVLLSL	448	25798
>MEN1-P32RPDLVLLSL	475	>MEN1-P32RRDLVLLSL	624	149
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>MEN1-P32RPDLVLLSLVL	158	>MEN1-P32RRDLVLLSLVL	204	46
>MEN1-P32REPDVLLSLV	139	>MEN1-P32RERDLVLLSLV	9831	9692
>MEN1-P32REPDVLLSLVL	383	>MEN1-P32RERDLVLLSLVL	23420	23037
>MEN1-P32REPDVLLSL	505	>MEN1-P32RERDLVLLSL	287	218
>MEN1-P32REPDVLLSLVL	105	>MEN1-P32RERDLVLLSLVL	78	27
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>MEN1-P32RLFAAELGREEI	24505	>MEN1-P32RLFAAELGREEI	267	24238
>MEN1-P32RLFAAELGREEI	36724	>MEN1-P32RLFAAELGREEI	430	36294
>MEN1-P32REEPDLVLL	212	>MEN1-P32REERDLVLL	21	191
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>MEN1-P32REEPDLVLLSL	161	>MEN1-P32REERDLVLLSL	168	7
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>MEN1-P32REEPDLVLLSLV	53	>MEN1-P32REERDLVLLSLV	17	36
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>MEN1-P32RGREEPDLVLL	329	>MEN1-P32RGREERDLVLL	176	153
>MEN1-P32RGREEPDLVL	379	>MEN1-P32RGREERDLVL	237	142
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>MEN1-P32R ELGREEPDLV	145	>MEN1-P32R ELGREERDLV	2216	2071
>MEN1-P32R ELGREEPDL	117	>MEN1-P32R ELGREERDL	2583	2466
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>MEN1-P32RAELGREEPDL	349	>MEN1-P32RAELGREERDL	188	161
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>MEN1-Q141 QSLFSFITGTK	257	>MEN1-Q141 RSLFSFITGTK	47	210
>MEN1-Q141 QSLFSFITGTK	31	>MEN1-Q141 RSLFSFITGTK	11	20
>MEN1-Q141 QSLFSFITG	3967	>MEN1-Q141 RSLFSFITG	84	3883
>MEN1-Q141 QSLFSFITGTK	49	>MEN1-Q141 RSLFSFITGTK	5	44
>MEN1-Q141 QSLFSFITGTK	1837	>MEN1-Q141 RSLFSFITGTK	68	1769
>MEN1-Q141 QSLFSFITGTK	130	>MEN1-Q141 RSLFSFITGTK	899	769
>MEN1-Q141 QSLFSFITGT	3303	>MEN1-Q141 RSLFSFITGT	175	3128
>MEN1-Q141 QSLFSFITGTK	110	>MEN1-Q141 RSLFSFITGTK	169	59
>MEN1-Q141 IQSLFSFI	47	>MEN1-Q141 IRSLSFSFI	4149	4102
>MEN1-Q141 IQSLFSFI	185	>MEN1-Q141 IRSLSFSFI	12555	12370
>MEN1-Q141 IQSLFSFI	21	>MEN1-Q141 IRSLSFSFI	8248	8227
>MEN1-Q141 IQSLFSFITGT	222	>MEN1-Q141 IRSLSFSFITGT	21604	21382
>MEN1-Q141 IQSLFSFI	59	>MEN1-Q141 IRSLSFSFI	353	294
>MEN1-Q141 IQSLFSFI	7511	>MEN1-Q141 IRSLSFSFI	444	7067
>MEN1-Q141 RSYFKDRAHII	15019	>MEN1-Q141 RSYFKDRAHII	334	14685
>MEN1-Q141 RSYFKDRAHII	3648	>MEN1-Q141 RSYFKDRAHII	12	3636
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>MEN1-Q141 RSYFKDRAHII	12015	>MEN1-Q141 RSYFKDRAHII	118	11897
>MEN1-Q141 HIQSLFSFI	453	>MEN1-Q141 HIRSLFSFI	4605	4152
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>MEN1-Q141 HIQSLFSFI	143	>MEN1-Q141 HIRSLFSFI	759	616
>MEN1-Q141 HIQSLFSF	369	>MEN1-Q141 HIRSLFSF	3623	3254
>MEN1-Q141 HIQSLFSF	11374	>MEN1-Q141 HIRSLFSF	205	11169
>MEN1-Q141 HIQSLFSFI	801	>MEN1-Q141 HIRSLFSFI	6	795
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>MEN1-Q141 HIQSLFSFITG	5639	>MEN1-Q141 HIRSLFSFITG	24	5615
>MEN1-Q141 HIQSLFSF	259	>MEN1-Q141 HIRSLFSF	980	721

>MEN1-Q141HIQSLFSFI	86	>MEN1-Q141HIRSLFSFI	526	440
>MEN1-Q141HIQSLFSFI	2841	>MEN1-Q141HIRSLFSFI	353	2488
>MEN1-Q141HIQSLFSF	89	>MEN1-Q141HIRSLFSF	57	32
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>MEN1-Q141HIQSLFSF	169	>MEN1-Q141HIRSLFSF	1321	1152
>MEN1-Q141AHIQSLFSFI	352	>MEN1-Q141AHIRSLFSFI	332	20
>MEN1-Q141AHIQSLFSFI	331	>MEN1-Q141AHIRSLFSFI	276	55
>MEN1-Q141AHIQSLFSF	295	>MEN1-Q141AHIRSLFSF	205	90
>MEN1-Q141AHIQSLFSF	272	>MEN1-Q141AHIRSLFSF	434	162
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>MEN1-Q141AHIQSLFSFI	366	>MEN1-Q141AHIRSLFSFI	228	138
>MEN1-Q141AHIQSLFSF	481	>MEN1-Q141AHIRSLFSF	1935	1454
>MEN1-Q141AHIQSLFSF	364	>MEN1-Q141AHIRSLFSF	538	174
>MEN1-Q141RAHIQSLFSF	308	>MEN1-Q141RAHIRSLFSF	603	295
>MEN1-Q141RAHIQSLF	461	>MEN1-Q141RAHIRSLF	298	163
>MEN1-Q141RAHIQSLFS	10	>MEN1-Q141RAHIRSLFS	10	0
>MEN1-Q141RAHIQSLFSF	129	>MEN1-Q141RAHIRSLFSF	94	35
>MEN1-Q141RAHIQSLFSFI	6	>MEN1-Q141RAHIRSLFSFI	7	1
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>MEN1-Q141RAHIQSLFSFI	2715	>MEN1-Q141RAHIRSLFSFI	362	2353
>MEN1-Q141RAHIQSLFSF	94	>MEN1-Q141RAHIRSLFSF	103	9
>MEN1-Q141RAHIQSLF	58	>MEN1-Q141RAHIRSLF	54	4
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>MEN1-Q141RAHIQSLFSF	3	>MEN1-Q141RAHIRSLFSF	3	0
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>MEN1-Q141RAHIQSLF	311	>MEN1-Q141RAHIRSLF	455	144
>MEN1-Q141RAHIQSLFSF	148	>MEN1-Q141RAHIRSLFSF	199	51
>MEN1-Q141RAHIQSLF	88	>MEN1-Q141RAHIRSLF	297	209
>MEN1-Q141RAHIQSLFSF	35	>MEN1-Q141RAHIRSLFSF	52	17
>MEN1-Q141RAHIQSLF	336	>MEN1-Q141RAHIRSLF	269	67
>MEN1-Q141RAHIQSLFSF	64	>MEN1-Q141RAHIRSLFSF	59	5
>MEN1-Q141RAHIQSLFSFI	19	>MEN1-Q141RAHIRSLFSFI	17	2
>MEN1-Q141DRAHIQSLF	401	>MEN1-Q141DRAHIRSLF	352	49
>MEN1-Q141DRAHIQSLFSI	232	>MEN1-Q141DRAHIRSLFSF	206	26
>MEN1-Q141DRAHIQSLF	313	>MEN1-Q141DRAHIRSLF	93	220
>MEN1-Q141KDRAHIQSL	464	>MEN1-Q141KDRAHIRSL	596	132
>MEN1-Q141KDRAHIQSLF	304	>MEN1-Q141KDRAHIRSLF	328	24
>MEN1-Q141KDRAHIQSLF	203	>MEN1-Q141KDRAHIRSLF	265	62
>MEN1-Q141KDRAHIQSL	117	>MEN1-Q141KDRAHIRSL	128	11
>MEN1-Q141KDRAHIQSL	209	>MEN1-Q141KDRAHIRSL	593	384

>MEN1-Q141FKDRAHIQSL	197	>MEN1-Q141FKDRAHIRSL	483	286
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>MEN1-Q141YFKDRAHIQS	210	>MEN1-Q141YFKDRAHIRSI	1270	1060
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>MEN1-Q141YFKDRAHIQ	12994	>MEN1-Q141YFKDRAHIR	158	12836
>MEN1-Q141YFKDRAHIQS	61	>MEN1-Q141YFKDRAHIRSI	71	10
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>MEN1-Q141SYFKDRAHIQ	17296	>MEN1-Q141SYFKDRAHIR	129	17167
>MEN1-Q141SYFKDRAHIQ	5008	>MEN1-Q141SYFKDRAHIR	459	4549
>MEN1-Q141SYFKDRAHIQ	586	>MEN1-Q141SYFKDRAHIR	19	567
>MEN1-R171LRDVHLAL	16058	>MEN1-R171LQDVHLAL	29	16029
>MEN1-R171LRDVHLALS	26630	>MEN1-R171LQDVHLALS	423	26207
>MEN1-R171LRDVHLAL	158	>MEN1-R171LQDVHLAL	111	47
>MEN1-R171VVGACQALG	263	>MEN1-R171VVGACQALG	15522	15259
>MEN1-R171GLRDVHLA	1704	>MEN1-R171GLQDVHLA	77	1627
>MEN1-R171GLRDVHLAL	1679	>MEN1-R171GLQDVHLAL	68	1611
>MEN1-R171GLRDVHLA	169	>MEN1-R171GLQDVHLA	42	127
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>MEN1-R171GLRDVHLA	244	>MEN1-R171GLQDVHLA	48	196
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>MEN1-R171GLRDVHLAL	6	>MEN1-R171GLQDVHLAL	4	2
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>MEN1-R171GLRDVHLAL	196	>MEN1-R171GLQDVHLAL	12560	12364
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>MEN1-R171ALGLRDVHL	432	>MEN1-R171ALGLQDVHL	294	138
>MEN1-R171ALGLRDVHLA	264	>MEN1-R171ALGLQDVHL/	204	60
>MEN1-R171ALGLRDVHLA	502	>MEN1-R171ALGLQDVHL/	377	125
>MEN1-R171ALGLRDVHLA	153	>MEN1-R171ALGLQDVHL/	125	28
>MEN1-R171ALGLRDVHL	330	>MEN1-R171ALGLQDVHL	155	175
>MEN1-R171ALGLRDVHLA	559	>MEN1-R171ALGLQDVHL/	412	147
>MEN1-R171ALGLRDVHLA	281	>MEN1-R171ALGLQDVHL/	178	103

>MEN1-R171ALGLRDVHL	108	>MEN1-R171ALGLQDVHL	61	47
>MEN1-R171ALGLRDVHLA	220	>MEN1-R171ALGLQDVHLA	136	84
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>MEN1-R171QALGLRDV	1251	>MEN1-R171QALGLQDV	469	782
>MEN1-R171CQALGLRDV	364	>MEN1-R171CQALGLQDV	202	162
>MEN1-R171CQALGLRDV	782	>MEN1-R171CQALGLQDV	121	661
>MEN1-R171CQALGLRDVH	524	>MEN1-R171CQALGLQDVH	330	194
>MEN1-R295RPDPLTLY	257	>MEN1-R295LPDPLTLY	1544	1287
>MEN1-R295RPDPLTLY	134	>MEN1-R295LPDPLTLY	25	109
>MEN1-R295RPDPLTLYH	1566	>MEN1-R295LPDPLTLYH	217	1349
>MEN1-R295RPDPLTLY	1436	>MEN1-R295LPDPLTLY	51	1385
>MEN1-R295RPDPLTLYHK	2147	>MEN1-R295LPDPLTLYHK	444	1703
>MEN1-R295RPDPLTLY	218	>MEN1-R295LPDPLTLY	380	162
>MEN1-R295RPDPLTLY	3228	>MEN1-R295LPDPLTLY	216	3012
>MEN1-R295GRPDPLTL	23586	>MEN1-R295GLPDPLTL	98	23488
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>MEN1-R295GRPDPLTL	20621	>MEN1-R295GLPDPLTL	18	20603
>MEN1-R295GRPDPLTL	19791	>MEN1-R295GLPDPLTL	18	19773
>MEN1-R295GRPDPLTL	26092	>MEN1-R295GLPDPLTL	357	25735
>MEN1-R295GRPDPLTL	15399	>MEN1-R295GLPDPLTL	4	15395
>MEN1-R295GRPDPLTLY	33693	>MEN1-R295GLPDPLTLY	348	33345
>MEN1-R295GRPDPLTLYH	17491	>MEN1-R295GLPDPLTLYH	379	17112
>MEN1-R295GRPDPLTLY	2411	>MEN1-R295GLPDPLTLY	59	2352
>MEN1-R295DLEELEPTPGI	17830	>MEN1-R295DLEELEPTPGI	73	17757
>MEN1-R295DLEELEPTPGI	416	>MEN1-R295DLEELEPTPGI	27459	27043
>MEN1-R295DLEELEPTPGI	335	>MEN1-R295DLEELEPTPGI	35493	35158
>MEN1-R295DLEELEPTPGI	14795	>MEN1-R295DLEELEPTPGI	485	14310
>MEN1-R295TPGRPDPL	167	>MEN1-R295TPGLPDPL	397	230
>MEN1-R295TPGRPDPLT	297	>MEN1-R295TPGLPDPLT	230	67
>MEN1-R295PTPGRPDPL	198	>MEN1-R295PTPGLPDPL	40	158
>MEN1-R295PTPGRPDPLT	72	>MEN1-R295PTPGLPDPLT	26	46
>MEN1-R295LEPTPGRPDP	956	>MEN1-R295LEPTPGLPDP	401	555
>MEN1-R295LEPTPGRPDP	321	>MEN1-R295LEPTPGLPDP	223	98
>MEN1-R295ELEPTPGR	15972	>MEN1-R295ELEPTPGL	51	15921
>MEN1-R295ELEPTPGR	164	>MEN1-R295ELEPTPGL	30894	30730
>MEN1-R295EELEPTPGR	4355	>MEN1-R295EELEPTPGL	253	4102
>MEN1-R295EELEPTPGR	7048	>MEN1-R295EELEPTPGL	32	7016

>MEN1-R295 EEELETPGR	18414	>MEN1-R295 EEELETPGL	95	18319
>MEN1-R295 EEELETPGR	12100	>MEN1-R295 EEELETPGL	487	11613
>MEN1-R295 EEELETPGR	2078	>MEN1-R295 EEELETPGL	298	1780
>MEN1-R295 EEELETPGR	1764	>MEN1-R295 EEELETPGL	326	1438
>MEN1-R295 EEELETPGR	3676	>MEN1-R295 EEELETPGL	40	3636
>MEN1-R295 LEELETPGR	4094	>MEN1-R295 LEELETPGL	459	3635
>MEN1-R295 LEELETPGR	19190	>MEN1-R295 LEELETPGL	111	19079
>MEN1-R330 RNRNVREA	63	>MEN1-R330 PNRNVREA	7512	7449
>MEN1-R330 RNRNVREALC	59	>MEN1-R330 PNRNVREALC	6656	6597
>MEN1-R330 RNRNVREAL	420	>MEN1-R330 PNRNVREAL	17783	17363
>MEN1-R330 CRNRNVREAL	32380	>MEN1-R330 CPNRNVREAL	319	32061
>MEN1-R330 CRNRNVREAL	262	>MEN1-R330 CPNRNVREAL	30586	30324
>MEN1-R330 CRNRNVREA	28770	>MEN1-R330 CPNRNVREA	67	28703
>MEN1-R330 CRNRNVREAL	24874	>MEN1-R330 CPNRNVREAL	262	24612
>MEN1-R330 CRNRNVREAL	228	>MEN1-R330 CPNRNVREAL	25980	25752
>MEN1-R330 CRNRNVREAL	384	>MEN1-R330 CPNRNVREAL	30461	30077
>MEN1-R330 PYMYLAGYH	248	>MEN1-R330 PYMYLAGYH	23707	23459
>MEN1-R330 PYMYLAGYH	161	>MEN1-R330 PYMYLAGYH	31166	31005
>MEN1-R330 PYMYLAGYH	65	>MEN1-R330 PYMYLAGYH	28246	28181
>MEN1-R330 HCRNRNVR	88	>MEN1-R330 HCPNRNVR	14988	14900
>MEN1-R330 HCRNRNVRE	25	>MEN1-R330 HCPNRNVRE	12709	12684
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>MEN1-R330 HCRNRNVR	185	>MEN1-R330 HCPNRNVR	3614	3429
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>MEN1-R330 HCRNRNVR	235	>MEN1-R330 HCPNRNVR	156	79
>MEN1-R330 GYHCRNRNV	176	>MEN1-R330 GYHCPNRNV	210	34
>MEN1-R330 AGYHCRNR	227	>MEN1-R330 AGYHCPNR	406	179
>MEN1-R330 AGYHCRNRN	175	>MEN1-R330 AGYHCPNRN	541	366
>MEN1-R330 AGYHCRNR	905	>MEN1-R330 AGYHCPNR	391	514
>MEN1-R330 AGYHCRNR	675	>MEN1-R330 AGYHCPNR	466	209
>MEN1-R330 LAGYHCRNR	505	>MEN1-R330 LAGYHCPNR	295	210
>MEN1-R330 LAGYHCRNR	766	>MEN1-R330 LAGYHCPNR	265	501
>MEN1-R330 YLAGYHCR	276	>MEN1-R330 YLAGYHCP	77	199
>MEN1-R330 YLAGYHCRN	357	>MEN1-R330 YLAGYHCPN	112	245
>MEN1-R330 YLAGYHCRNF	412	>MEN1-R330 YLAGYHCPNF	207	205
>MEN1-R330 YLAGYHCRN	59	>MEN1-R330 YLAGYHCPN	49	10
>MEN1-R330 YLAGYHCRNF	1026	>MEN1-R330 YLAGYHCPNF	371	655
>MEN1-R330 YLAGYHCR	41	>MEN1-R330 YLAGYHCP	58	17
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>MEN1-R330 YLAGYHCRNF	139	>MEN1-R330 YLAGYHCPNF	183	44
>MEN1-R330 YLAGYHCR	114	>MEN1-R330 YLAGYHCP	22145	22031

>MEN1-R33C YLAGYHCRNF	201	>MEN1-R33C YLAGYHCPNF	811	610
>MEN1-R33C YLAGYHCR	146	>MEN1-R33C YLAGYHCP	32437	32291
>MEN1-R33C YLAGYHCR	13	>MEN1-R33C YLAGYHCP	22883	22870
>MEN1-R33C YLAGYHCRNF	164	>MEN1-R33C YLAGYHCPNF	54	110
>MEN1-R33C YLAGYHCRNF	158	>MEN1-R33C YLAGYHCPNF	134	24
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>MEN1-R33C YLAGYHCRNF	320	>MEN1-R33C YLAGYHCPNF	179	141
>MEN1-R33C MYLAGYHCR	261	>MEN1-R33C MYLAGYHCP	1260	999
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>MEN1-R33C YMYLAGYHCI	62	>MEN1-R33C YMYLAGYHCI	51	11
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>MEN1-R33C YMYLAGYHCI	204	>MEN1-R33C YMYLAGYHCI	9596	9392
>MEN1-R33C YMYLAGYHCI	13	>MEN1-R33C YMYLAGYHCI	14532	14519
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>MEN1-R33C YMYLAGYHCI	137	>MEN1-R33C YMYLAGYHCI	715	578
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>MEN1-R33C YMYLAGYHCI	74	>MEN1-R33C YMYLAGYHCI	31152	31078
>MEN1-S145 SFITGTKL	102	>MEN1-S145 RFITGTKL	1199	1097
>MEN1-S145 SFITGTKL	604	>MEN1-S145 RFITGTKL	102	502
>MEN1-S145 FSFITGTK	84	>MEN1-S145 FRFITGTK	18634	18550
>MEN1-S145 FSFITGTK	15	>MEN1-S145 FRFITGTK	1175	1160
>MEN1-S145 FSFITGTKL	36	>MEN1-S145 FRFITGTKL	20	16
>MEN1-S145 FSFITGTKL	7	>MEN1-S145 FRFITGTKL	16560	16553
>MEN1-S145 FSFITGTK	12554	>MEN1-S145 FRFITGTK	32	12522
>MEN1-S145 FSFITGTKL	12700	>MEN1-S145 FRFITGTKL	27	12673
>MEN1-S145 FSFITGTKL	6343	>MEN1-S145 FRFITGTKL	180	6163
>MEN1-S145 FSFITGTKL	286	>MEN1-S145 FRFITGTKL	26856	26570
>MEN1-S145 FSFITGTKL	24	>MEN1-S145 FRFITGTKL	1225	1201

>MEN1-S145 FSFITGTKL	17364	>MEN1-S145 FRFITGTKL	296	17068
>MEN1-S145 FSFITGTKL	29626	>MEN1-S145 FRFITGTKL	249	29377
>MEN1-S145 FSFITGTKL	79	>MEN1-S145 FRFITGTKL	5110	5031
>MEN1-S145 KDRAHIQSLF:	304	>MEN1-S145 KDRAHIQSLF:	121	183
>MEN1-S145 KDRAHIQSLF:	20574	>MEN1-S145 KDRAHIQSLF:	330	20244
>MEN1-S145 KDRAHIQSLF:	21674	>MEN1-S145 KDRAHIQSLF:	110	21564
>MEN1-S145 LFSFITGTKL	317	>MEN1-S145 LFRFITGTKL	1422	1105
>MEN1-S145 LFSFITGTK	956	>MEN1-S145 LFRFITGTK	7	949
>MEN1-S145 LFSFITGTK	1350	>MEN1-S145 LFRFITGTK	336	1014
>MEN1-S145 LFSFITGTK	136	>MEN1-S145 LFRFITGTK	1188	1052
>MEN1-S145 SLFSFITGTKL	342	>MEN1-S145 SLFRFITGTKL	283	59
>MEN1-S145 SLFSFITGT	29	>MEN1-S145 SLFRFITGT	84	55
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>MEN1-S145 SLFSFITG	395	>MEN1-S145 SLFRFITG	1034	639
>MEN1-S145 SLFSFITGT	11	>MEN1-S145 SLFRFITGT	39	28
>MEN1-S145 SLFSFITGTK	338	>MEN1-S145 SLFRFITGTK	1620	1282
>MEN1-S145 SLFSFITGTKL	8	>MEN1-S145 SLFRFITGTKL	15	7
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>MEN1-S145 SLFSFITGTKL	349	>MEN1-S145 SLFRFITGTKL	558	209
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>MEN1-S145 SLFSFITGTKL	3	>MEN1-S145 SLFRFITGTKL	4	1
>MEN1-S145 SLFSFITGTKL	53	>MEN1-S145 SLFRFITGTKL	67	14
>MEN1-S145 SLFSFITGT	33	>MEN1-S145 SLFRFITGT	62	29
>MEN1-S145 SLFSFITGTKL	7	>MEN1-S145 SLFRFITGTKL	8	1
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>MEN1-S145 SLFSFITGTKL	3	>MEN1-S145 SLFRFITGTKL	3	0
>MEN1-S145 SLFSFITGTK	11	>MEN1-S145 SLFRFITGTK	13	2
>MEN1-S145 SLFSFITGTK	15	>MEN1-S145 SLFRFITGTK	27	12
>MEN1-S145 SLFSFITGTK	209	>MEN1-S145 SLFRFITGTK	80	129
>MEN1-S145 SLFSFITGTKL	128	>MEN1-S145 SLFRFITGTKL	122	6
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>MEN1-S145 SLFSFITGTKL	109	>MEN1-S145 SLFRFITGTKL	186	77
>MEN1-S145 SLFSFITGTKL	134	>MEN1-S145 SLFRFITGTKL	335	201
>MEN1-S145 SLFSFITGTK	229	>MEN1-S145 SLFRFITGTK	219	10
>MEN1-S145 QSLFSFITGTK	257	>MEN1-S145 QSLFRFITGTK	224	33
>MEN1-S145 QSLFSFITGTK	31	>MEN1-S145 QSLFRFITGTK	43	12



>MEN1-S145 QSLFSFITGTK	49	>MEN1-S145 QSLFRFITGTK	57	8
>MEN1-S145 QSLFSFITGTK	130	>MEN1-S145 QSLFRFITGTK	248	118
>MEN1-S145 QSLFSFITGTK	110	>MEN1-S145 QSLFRFITGTK	113	3
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>MEN1-S145 IQSLFSFI	185	>MEN1-S145 IQSLFRFI	1092	907
>MEN1-S145 IQSLFSFI	21	>MEN1-S145 IQSLFRFI	73	52
>MEN1-S145 IQSLFSFITGT	222	>MEN1-S145 IQSLFRFITGT	534	312
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>MEN1-S145 HIQSLFSFI	453	>MEN1-S145 HIQSLFRFI	7347	6894
>MEN1-S145 HIQSLFSFI	141	>MEN1-S145 HIQSLFRFI	1111	970
>MEN1-S145 HIQSLFSFI	176	>MEN1-S145 HIQSLFRFI	1490	1314
>MEN1-S145 HIQSLFSFI	143	>MEN1-S145 HIQSLFRFI	1297	1154
>MEN1-S145 HIQSLFSF	644	>MEN1-S145 HIQSLFRF	433	211
>MEN1-S145 HIQSLFSF	369	>MEN1-S145 HIQSLFRF	870	501
>MEN1-S145 HIQSLFSF	259	>MEN1-S145 HIQSLFRF	958	699
>MEN1-S145 HIQSLFSFI	86	>MEN1-S145 HIQSLFRFI	801	715
>MEN1-S145 HIQSLFSF	89	>MEN1-S145 HIQSLFRF	475	386
>MEN1-S145 HIQSLFSF	212	>MEN1-S145 HIQSLFRF	1425	1213
>MEN1-S145 HIQSLFSFI	195	>MEN1-S145 HIQSLFRFI	4047	3852
>MEN1-S145 HIQSLFSF	169	>MEN1-S145 HIQSLFRF	646	477
>MEN1-S145 AHIQSLFSFI	352	>MEN1-S145 AHIQSLFRFI	3240	2888
>MEN1-S145 AHIQSLFSFI	331	>MEN1-S145 AHIQSLFRFI	365	34
>MEN1-S145 AHIQSLFSF	295	>MEN1-S145 AHIQSLFRF	128	167
>MEN1-S145 AHIQSLFSF	272	>MEN1-S145 AHIQSLFRF	538	266
>MEN1-S145 AHIQSLFSF	10	>MEN1-S145 AHIQSLFRF	67	57
>MEN1-S145 AHIQSLFSFI	366	>MEN1-S145 AHIQSLFRFI	1236	870
>MEN1-S145 AHIQSLFSF	481	>MEN1-S145 AHIQSLFRF	4036	3555
>MEN1-S145 AHIQSLFSF	364	>MEN1-S145 AHIQSLFRF	756	392
>MEN1-S145 RAHIQSLFS	15020	>MEN1-S145 RAHIQSLFR	392	14628
>MEN1-S145 RAHIQSLFS	17544	>MEN1-S145 RAHIQSLFR	225	17319
>MEN1-S145 RAHIQSLFSF	308	>MEN1-S145 RAHIQSLFRF	592	284
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>MEN1-S145 RAHIQSLFSFI	6	>MEN1-S145 RAHIQSLFRFI	6	0
>MEN1-S145 RAHIQSLFS	11207	>MEN1-S145 RAHIQSLFR	12	11195
>MEN1-S145 RAHIQSLFSF	381	>MEN1-S145 RAHIQSLFRF	1899	1518
>MEN1-S145 RAHIQSLFS	35663	>MEN1-S145 RAHIQSLFR	356	35307
>MEN1-S145 RAHIQSLFSF	94	>MEN1-S145 RAHIQSLFRF	353	259
>MEN1-S145 RAHIQSLFSF	21	>MEN1-S145 RAHIQSLFRF	133	112
>MEN1-S145 RAHIQSLFSF	3	>MEN1-S145 RAHIQSLFRF	3	0
>MEN1-S145 RAHIQSLFSFI	48	>MEN1-S145 RAHIQSLFRFI	121	73
>MEN1-S145 RAHIQSLFSF	148	>MEN1-S145 RAHIQSLFRF	141	7
>MEN1-S145 RAHIQSLFSF	35	>MEN1-S145 RAHIQSLFRF	39	4

>MEN1-S145 RAHIQSLFSF	64	>MEN1-S145 RAHIQSLFRF	138	74
>MEN1-S145 RAHIQSLFS	23276	>MEN1-S145 RAHIQSLFR	38	23238
>MEN1-S145 RAHIQSLFSFI	19	>MEN1-S145 RAHIQSLFRFI	29	10
>MEN1-S145 DRAHIQSLFS	18780	>MEN1-S145 DRAHIQSLFR	97	18683
>MEN1-S145 DRAHIQSLFS	34644	>MEN1-S145 DRAHIQSLFR	331	34313
>MEN1-S145 DRAHIQSLFSI	232	>MEN1-S145 DRAHIQSLFR	943	711
>MEN1-S178 SEDHAWVV	19	>MEN1-S178 YEDHAWVV	14	5
>MEN1-S178 SEDHAWVV	477	>MEN1-S178 YEDHAWVV	90	387
>MEN1-S178 SEDHAWVV	1784	>MEN1-S178 YEDHAWVV	251	1533
>MEN1-S178 SEDHAWVV	1133	>MEN1-S178 YEDHAWVV	307	826
>MEN1-S178 SEDHAWVVF	772	>MEN1-S178 YEDHAWVVF	143	629
>MEN1-S178 SEDHAWVV	3792	>MEN1-S178 YEDHAWVV	482	3310
>MEN1-S178 SEDHAWVVF	278	>MEN1-S178 YEDHAWVVF	31	247
>MEN1-S178 SEDHAWVV	1389	>MEN1-S178 YEDHAWVV	256	1133
>MEN1-S178 SEDHAWVVF	3315	>MEN1-S178 YEDHAWVVF	494	2821
>MEN1-S178 SEDHAWVV	88	>MEN1-S178 YEDHAWVV	24	64
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>MEN1-S178 SEDHAWVVF	1111	>MEN1-S178 YEDHAWVVF	250	861
>MEN1-S178 SEDHAWVV	589	>MEN1-S178 YEDHAWVV	350	239
>MEN1-S178 SEDHAWVVF	447	>MEN1-S178 YEDHAWVVF	316	131
>MEN1-S178 SEDHAWVVF	411	>MEN1-S178 YEDHAWVVF	2383	1972
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>MEN1-S178 SEDHAWVV	127	>MEN1-S178 YEDHAWVV	1482	1355
>MEN1-S178 SEDHAWVVF	248	>MEN1-S178 YEDHAWVVF	1700	1452
>MEN1-S178 SEDHAWVV	553	>MEN1-S178 YEDHAWVV	63	490
>MEN1-S178 SEDHAWVVF	1043	>MEN1-S178 YEDHAWVVF	108	935
>MEN1-S178 LSEDHAWVV	471	>MEN1-S178 LYEDHAWVV	1479	1008
>MEN1-S178 LSEDHAWVV	307	>MEN1-S178 LYEDHAWVV	731	424
>MEN1-S178 LSEDHAWV	719	>MEN1-S178 LYEDHAWV	54	665
>MEN1-S178 LSEDHAWVV	366	>MEN1-S178 LYEDHAWVV	41	325
>MEN1-S178 LSEDHAWVV	5179	>MEN1-S178 LYEDHAWVV	22	5157
>MEN1-S178 LSEDHAWVV	13959	>MEN1-S178 LYEDHAWVV	90	13869
>MEN1-S178 LSEDHAWVV	23089	>MEN1-S178 LYEDHAWVV	302	22787
>MEN1-S178 LSEDHAWVV	6869	>MEN1-S178 LYEDHAWVV	11	6858
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>MEN1-S178 LSEDHAWVV	399	>MEN1-S178 LYEDHAWVV	2662	2263
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>MEN1-S178 LSEDHAWVV	385	>MEN1-S178 LYEDHAWVV	17890	17505
>MEN1-S178 LSEDHAWVV	54	>MEN1-S178 LYEDHAWVV	7255	7201
>MEN1-S178 LSEDHAWVV	15472	>MEN1-S178 LYEDHAWVV	255	15217
>MEN1-S178 LGLRDVHLAL	24121	>MEN1-S178 LGLRDVHLAL	270	23851
>MEN1-S178 LGLRDVHLAL	28252	>MEN1-S178 LGLRDVHLAL	281	27971
>MEN1-S178 LGLRDVHLAL	22102	>MEN1-S178 LGLRDVHLAL	420	21682

>MEN1-S178 ALSEDHAWV	22	>MEN1-S178 ALYEDHAWV	11	11
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>MEN1-S178 ALSEDHAWV	22	>MEN1-S178 ALYEDHAWV	13	9
>MEN1-S178 ALSEDHAWV	4	>MEN1-S178 ALYEDHAWV	3	1
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>MEN1-S178 ALSEDHAWV	25	>MEN1-S178 ALYEDHAWV	9	16
>MEN1-S178 ALSEDHAWV	397	>MEN1-S178 ALYEDHAWV	114	283
>MEN1-S178 ALSEDHAWV	1074	>MEN1-S178 ALYEDHAWV	255	819
>MEN1-S178 ALSEDHAW	5230	>MEN1-S178 ALYEDHAW	417	4813
>MEN1-S178 ALSEDHAWV	2	>MEN1-S178 ALYEDHAWV	1	1
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>MEN1-S178 ALSEDHAWV	1049	>MEN1-S178 ALYEDHAWV	50	999
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>MEN1-S178 ALSEDHAWV	4	>MEN1-S178 ALYEDHAWV	3	1
>MEN1-S178 ALSEDHAWV	6	>MEN1-S178 ALYEDHAWV	4	2
>MEN1-S178 ALSEDHAWV	5	>MEN1-S178 ALYEDHAWV	4	1
>MEN1-S178 ALSEDHAWV	4	>MEN1-S178 ALYEDHAWV	4	0
>MEN1-S178 ALSEDHAWV	3	>MEN1-S178 ALYEDHAWV	3	0
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>MEN1-S178 ALSEDHAWV	47	>MEN1-S178 ALYEDHAWV	10	37
>MEN1-S178 ALSEDHAW	594	>MEN1-S178 ALYEDHAW	47	547
>MEN1-S178 ALSEDHAWV	1300	>MEN1-S178 ALYEDHAWV	76	1224
>MEN1-S178 ALSEDHAW	1366	>MEN1-S178 ALYEDHAW	411	955
>MEN1-S178 LALSEDHAW'	579	>MEN1-S178 LALYEDHAW'	488	91
>MEN1-S178 LALSEDHAW'	424	>MEN1-S178 LALYEDHAW'	723	299
>MEN1-S178 LALSEDHAW'	149	>MEN1-S178 LALYEDHAW'	130	19
>MEN1-S178 LALSEDHAW'	76	>MEN1-S178 LALYEDHAW'	71	5
>MEN1-S178 LALSEDHAW'	93	>MEN1-S178 LALYEDHAW'	358	265
>MEN1-S178 LALSEDHAW'	51	>MEN1-S178 LALYEDHAW'	191	140
>MEN1-S178 LALSEDHAW'	218	>MEN1-S178 LALYEDHAW'	251	33
>MEN1-S178 LALSEDHAW'	217	>MEN1-S178 LALYEDHAW'	727	510
>MEN1-S178 LALSEDHAW'	266	>MEN1-S178 LALYEDHAW'	857	591
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>MEN1-S178 LALSEDHAW'	369	>MEN1-S178 LALYEDHAW'	590	221
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>MEN1-S178 LALSEDHAW	18	>MEN1-S178 LALYEDHAW	35	17
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>MEN1-S178 LALSEDHAW	76	>MEN1-S178 LALYEDHAW	55	21
>MEN1-S178 HLALSEDHAV	207	>MEN1-S178 HLALYEDHAV	56	151
>MEN1-S178 HLALSEDHA	160	>MEN1-S178 HLALYEDHA	48	112
>MEN1-S178 HLALSEDHAV	9	>MEN1-S178 HLALYEDHAV	6	3
>MEN1-S178 HLALSEDHAV	26	>MEN1-S178 HLALYEDHAV	19	7
>MEN1-S178 HLALSEDHAV	286	>MEN1-S178 HLALYEDHAV	156	130
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>MEN1-S178 VHLALSEDHA	463	>MEN1-S178 VHLALYEDHA	182	281
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>MEN1-S178 RDVHLALS	24376	>MEN1-S178 RDVHLALY	401	23975
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>MEN1-S178 GLRDVHLALS	33232	>MEN1-S178 GLRDVHLALY	457	32775
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>MEN1-S178 GLRDVHLALS	13571	>MEN1-S178 GLRDVHLALY	99	13472
>MEN1-S178 GLRDVHLALS	26808	>MEN1-S178 GLRDVHLALY	385	26423
>MEN1-S178 GLRDVHLALS	26989	>MEN1-S178 GLRDVHLALY	428	26561
>MEN1-S253 SLELLQLQQK	262	>MEN1-S253 LLELLQLQQK	412	150
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>MEN1-S253 SLELLQLQQK	441	>MEN1-S253 LLELLQLQQK	811	370
>MEN1-S253 SLELLQLQQK	230	>MEN1-S253 LLELLQLQQK	1355	1125
>MEN1-S253 DSLELLQL	13160	>MEN1-S253 DLLELLQL	23	13137
>MEN1-S253 DSLELLQL	21482	>MEN1-S253 DLLELLQL	233	21249
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>MEN1-S253 DSLELLQL	17282	>MEN1-S253 DLLELLQL	18	17264
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>MEN1-S253 TDSLELLQL	85	>MEN1-S253 TDLELLQL	61	24

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>MEN1-S253 HTDSLELLQ	174	>MEN1-S253 HTDLELLQ	213	39
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>MEN1-S253 HTDSLELLQL	36	>MEN1-S253 HTDLELLQL	32	4
>MEN1-S253 LHTDSLELL	102	>MEN1-S253 LHTDLELL	212	110
>MEN1-S253 DLHTDSLELL	97	>MEN1-S253 DLHTDLELL	76	21
>MEN1-S253 DLHTDSLEL	212	>MEN1-S253 DLHTDLEL	108	104
>MEN1-S253 DLHTDSLELL	168	>MEN1-S253 DLHTDLELL	148	20
>MEN1-S253 IDLHTDSL	306	>MEN1-S253 IDLHTDLL	103	203
>MEN1-S253 IDLHTDSLEL	286	>MEN1-S253 IDLHTDLEL	300	14
>MEN1-S253 IDLHTDSLELL	105	>MEN1-S253 IDLHTDLELL	115	10
>MEN1-S253 SIDLHTDSLEL	763	>MEN1-S253 SIDLHTDLEL	392	371
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>MEN1-S253 SIDLHTDSLEL	556	>MEN1-S253 SIDLHTDLEL	379	177
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>MEN1-S253 NPSIDLHTDSI	62	>MEN1-S253 NPSIDLHTDLI	494	432
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>MEN1-S253 NPSIDLHTDSI	259	>MEN1-S253 NPSIDLHTDLI	192	67
>MEN1-S443 SLGRFEGQV	238	>MEN1-S443 PLGRFEGQV	4767	4529
>MEN1-S443 SLGRFEGQV	271	>MEN1-S443 PLGRFEGQV	7913	7642
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>MEN1-S443 SLGRFEGQV	204	>MEN1-S443 PLGRFEGQV	7146	6942
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>MEN1-S443 QSLGRFEGQ\	473	>MEN1-S443 QPLGRFEGQ\	10366	9893
>MEN1-S443 VQSLGRFEGC	337	>MEN1-S443 VQPLGRFEGC	392	55
>MEN1-S443 LVQSLGRF	175	>MEN1-S443 LVQPLGRF	201	26
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>MEN1-S443 FLVQSLGRF	370	>MEN1-S443 FLVQPLGRF	1212	842
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>MEN1-S443 FLVQSLGRF	313	>MEN1-S443 FLVQPLGRF	1293	980
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>MEN1-S443 FLVQSLGRF	170	>MEN1-S443 FLVQPLGRF	307	137
>MEN1-S443 FLVQSLGRF	54	>MEN1-S443 FLVQPLGRF	40	14

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>MEN1-S443 TFLVQSLGR	197	>MEN1-S443 TFLVQPLGR	261	64
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>MEN1-S443 WATFLVQSL	497	>MEN1-S443 WATFLVQPL	442	55
>MEN1-S443 WATFLVQSL	576	>MEN1-S443 WATFLVQPL	124	452
>MEN1-S443 WATFLVQSL	477	>MEN1-S443 WATFLVQPL	1766	1289
>MEN1-S443 WATFLVQSLC	735	>MEN1-S443 WATFLVQPLC	489	246
>MEN1-S443 GWATFLVQSL	359	>MEN1-S443 GWATFLVQPL	1056	697
>MEN1-S443 GWATFLVQSL	793	>MEN1-S443 GWATFLVQPL	433	360
>MEN1-S543 SPPPEGPVL	273	>MEN1-S543 LPPPEGPVL	392	119
>MEN1-S543 SPPPEGPVLT	188	>MEN1-S543 LPPPEGPVLT	291	103

>MEN1-S543 SPPPEGPVL	255	>MEN1-S543 LPPPEGPVL	293	38
>MEN1-S543 SPPPEGPVLT	162	>MEN1-S543 LPPPEGPVLT	186	24
>MEN1-S543 SPPPEGPV	477	>MEN1-S543 LPPPEGPV	700	223
>MEN1-S543 SPPPEGPVL	321	>MEN1-S543 LPPPEGPVL	468	147
>MEN1-S543 SPPPEGPVLT	178	>MEN1-S543 LPPPEGPVLT	39	139
>MEN1-S543 SPPPEGPVLT	1277	>MEN1-S543 LPPPEGPVLT	131	1146
>MEN1-S543 SPPPEGPV	3015	>MEN1-S543 LPPPEGPV	95	2920
>MEN1-S543 SPPPEGPVL	44	>MEN1-S543 LPPPEGPVL	48	4
>MEN1-S543 SPPPEGPVLT	64	>MEN1-S543 LPPPEGPVLT	60	4
>MEN1-S543 SPPPEGPVLT	1432	>MEN1-S543 LPPPEGPVLT	181	1251
>MEN1-S543 ASPPPEGPV	12095	>MEN1-S543 ALPPPEGPV	39	12056
>MEN1-S543 ASPPPEGPV	6598	>MEN1-S543 ALPPPEGPV	6	6592
>MEN1-S543 ASPPPEGPVL	15743	>MEN1-S543 ALPPPEGPVL	48	15695
>MEN1-S543 ASPPPEGPVL	23954	>MEN1-S543 ALPPPEGPVL	494	23460
>MEN1-S543 ASPPPEGPV	21216	>MEN1-S543 ALPPPEGPV	114	21102
>MEN1-S543 ASPPPEGPV	12526	>MEN1-S543 ALPPPEGPV	36	12490
>MEN1-S543 ASPPPEGPVL	17889	>MEN1-S543 ALPPPEGPVL	85	17804
>MEN1-S543 ASPPPEGPV	10562	>MEN1-S543 ALPPPEGPV	4	10558
>MEN1-S543 ASPPPEGPVL	15484	>MEN1-S543 ALPPPEGPVL	13	15471
>MEN1-S543 ASPPPEGPVL	30240	>MEN1-S543 ALPPPEGPVL	101	30139
>MEN1-S543 ASPPPEGPV	392	>MEN1-S543 ALPPPEGPV	1265	873
>MEN1-S543 ASPPPEGPVL	339	>MEN1-S543 ALPPPEGPVL	10795	10456
>MEN1-S543 ASPPPEGPV	135	>MEN1-S543 ALPPPEGPV	5750	5615
>MEN1-S543 ASPPPEGPVL	6	>MEN1-S543 ALPPPEGPVL	119	113
>MEN1-S543 STAQVPAPTA	11351	>MEN1-S543 STAQVPAPTA	122	11229
>MEN1-S543 STAQVPAPTA	7849	>MEN1-S543 STAQVPAPTA	347	7502
>MEN1-S543 STAQVPAPTA	12326	>MEN1-S543 STAQVPAPTA	363	11963
>MEN1-S543 STAQVPAPTA	8324	>MEN1-S543 STAQVPAPTA	120	8204
>MEN1-S543 STAQVPAPTA	328	>MEN1-S543 STAQVPAPTA	18	310
>MEN1-S543 STAQVPAPTA	6766	>MEN1-S543 STAQVPAPTA	141	6625
>MEN1-S543 STAQVPAPTA	10400	>MEN1-S543 STAQVPAPTA	35	10365
>MEN1-S543 STAQVPAPTA	12064	>MEN1-S543 STAQVPAPTA	133	11931
>MEN1-S543 STAQVPAPTA	2974	>MEN1-S543 STAQVPAPTA	85	2889
>MEN1-S543 STAQVPAPTA	12763	>MEN1-S543 STAQVPAPTA	88	12675
>MEN1-S543 TASPPPEGPV	2270	>MEN1-S543 TALPPPEGPV	263	2007
>MEN1-S543 TASPPPEGPV	125	>MEN1-S543 TALPPPEGPV	535	410
>MEN1-S543 TASPPPEGPV	131	>MEN1-S543 TALPPPEGPV	18	113
>MEN1-S543 TASPPPEGPV	3308	>MEN1-S543 TALPPPEGPV	407	2901
>MEN1-S543 TASPPPEGPV	252	>MEN1-S543 TALPPPEGPV	86	166
>MEN1-S543 PTASPPPEGP	145	>MEN1-S543 PTALPPPEGP	287	142
>MEN1-S543 PTASPPPEGP	151	>MEN1-S543 PTALPPPEGP	407	256
>MEN1-S543 QVPAPTAS	857	>MEN1-S543 QVPAPTAL	42	815
>MEN1-S543 QVPAPTAS	27293	>MEN1-S543 QVPAPTAL	39	27254

>MEN1-S543 QVPAPTASP	5028	>MEN1-S543 QVPAPTALP	492	4536
>MEN1-S543 AQVPAPTAS	14598	>MEN1-S543 AQVPAPTAL	301	14297
>MEN1-S543 AQVPAPTAS	4524	>MEN1-S543 AQVPAPTAL	131	4393
>MEN1-S543 AQVPAPTAS	477	>MEN1-S543 AQVPAPTAL	18	459
>MEN1-S543 AQVPAPTAS	3636	>MEN1-S543 AQVPAPTAL	144	3492
>MEN1-S543 AQVPAPTAS	321	>MEN1-S543 AQVPAPTAL	9	312
>MEN1-S543 AQVPAPTASF	265	>MEN1-S543 AQVPAPTALF	399	134
>MEN1-S543 AQVPAPTAS	14034	>MEN1-S543 AQVPAPTAL	24	14010
>MEN1-S543 AQVPAPTAS	11580	>MEN1-S543 AQVPAPTAL	154	11426
>MEN1-S543 TAQVPAPTAS	19309	>MEN1-S543 TAQVPAPTAL	487	18822
>MEN1-T552 LTFQSEKMKC	723	>MEN1-T552 LSFQSEKMKC	454	269
>MEN1-T552 LTFQSEKMK	104	>MEN1-T552 LSFQSEKMK	263	159
>MEN1-T552 LTFQSEKMKC	118	>MEN1-T552 LSFQSEKMKC	1305	1187
>MEN1-T552 LTFQSEKMK	16	>MEN1-T552 LSFQSEKMK	72	56
>MEN1-T552 LTFQSEKM	350	>MEN1-T552 LSFQSEKM	90	260
>MEN1-T552 LTFQSEKMKC	498	>MEN1-T552 LSFQSEKMKC	146	352
>MEN1-T552 LTFQSEKM	6	>MEN1-T552 LSFQSEKM	7	1
>MEN1-T552 LTFQSEKMKC	4	>MEN1-T552 LSFQSEKMKC	5	1
>MEN1-T552 LTFQSEKM	277	>MEN1-T552 LSFQSEKM	261	16
>MEN1-T552 LTFQSEKMKC	524	>MEN1-T552 LSFQSEKMKC	487	37
>MEN1-T552 LTFQSEKM	356	>MEN1-T552 LSFQSEKM	171	185
>MEN1-T552 LTFQSEKMKC	29	>MEN1-T552 LSFQSEKMKC	73	44
>MEN1-T552 LTFQSEKMK	321	>MEN1-T552 LSFQSEKMK	416	95
>MEN1-T552 LTFQSEKM	158	>MEN1-T552 LSFQSEKM	159	1
>MEN1-T552 LTFQSEKMKC	517	>MEN1-T552 LSFQSEKMKC	470	47
>MEN1-T552 ASPPPEGPVL	643	>MEN1-T552 ASPPPEGPVL	432	211
>MEN1-T552 VLTFQSEKM	661	>MEN1-T552 VLSFQSEKM	116	545
>MEN1-T552 VLTFQSEKM	1607	>MEN1-T552 VLSFQSEKM	456	1151
>MEN1-T552 VLTFQSEKM	364	>MEN1-T552 VLSFQSEKM	484	120
>MEN1-T552 VLTFQSEK	134	>MEN1-T552 VLSFQSEK	63	71
>MEN1-T552 VLTFQSEKMK	237	>MEN1-T552 VLSFQSEKMK	95	142
>MEN1-T552 VLTFQSEK	186	>MEN1-T552 VLSFQSEK	67	119
>MEN1-T552 VLTFQSEKMK	417	>MEN1-T552 VLSFQSEKMK	159	258
>MEN1-T552 PVLTFQSEK	511	>MEN1-T552 PVLSFQSEK	405	106
>MEN1-T552 PEGPVLTF	377	>MEN1-T552 PEGPVLSF	460	83
>MEN1-T552 PPEGPVLTF	393	>MEN1-T552 PPEGPVLSF	904	511
>MEN1-T552 PPEGPVLTF	127	>MEN1-T552 PPEGPVLSF	192	65
>MEN1-T552 PPEGPVLTF	109	>MEN1-T552 PPEGPVLSF	234	125
>MEN1-T552 PPPEGPVLTF	205	>MEN1-T552 PPPEGPVLSF	152	53
>MEN1-T552 SPPPEGPVLSI	188	>MEN1-T552 SPPPEGPVLSI	405	217
>MEN1-T552 SPPPEGPVLSI	162	>MEN1-T552 SPPPEGPVLSI	113	49
>MEN1-T552 SPPPEGPVLSI	1229	>MEN1-T552 SPPPEGPVLSI	349	880
>MEN1-T552 SPPPEGPVLSI	178	>MEN1-T552 SPPPEGPVLSI	315	137



>MEN1-T552 SPPPEGPVLSI	64	>MEN1-T552 SPPPEGPVLSI	94	30
>MEN1-T580 TAQSQVQMI	784	>MEN1-T580 RAQSQVQMI	166	618
>MEN1-T580 TAQSQVQMI	151	>MEN1-T580 RAQSQVQMI	144	7
>MEN1-T580 TAQSQVQMI	37	>MEN1-T580 RAQSQVQMI	41	4
>MEN1-T580 TAQSQVQMI	2756	>MEN1-T580 RAQSQVQMI	33	2723
>MEN1-T580 TAQSQVQMI	2008	>MEN1-T580 RAQSQVQMI	28	1980
>MEN1-T580 TAQSQVQMI	4435	>MEN1-T580 RAQSQVQMI	487	3948
>MEN1-T580 TAQSQVQMI	409	>MEN1-T580 RAQSQVQMI	5720	5311
>MEN1-T580 TAQSQVQMI	391	>MEN1-T580 RAQSQVQMI	2966	2575
>MEN1-T580 TAQSQVQM	551	>MEN1-T580 RAQSQVQM	16	535
>MEN1-T580 TAQSQVQM	4346	>MEN1-T580 RAQSQVQM	159	4187
>MEN1-T580 LTAQSQVQM	85	>MEN1-T580 LRAQSQVQM	17233	17148
>MEN1-T580 LTAQSQVQM	77	>MEN1-T580 LRAQSQVQM	11588	11511
>MEN1-T580 LTAQSQVQM	36	>MEN1-T580 LRAQSQVQM	18091	18055
>MEN1-T580 LTAQSQVQM	98	>MEN1-T580 LRAQSQVQM	12296	12198
>MEN1-T580 LTAQSQVQM	13	>MEN1-T580 LRAQSQVQM	3505	3492
>MEN1-T580 LTAQSQVQM	407	>MEN1-T580 LRAQSQVQM	13712	13305
>MEN1-T580 LTAQSQVQM	784	>MEN1-T580 LRAQSQVQM	105	679
>MEN1-T580 LTAQSQVQM	5	>MEN1-T580 LRAQSQVQM	18853	18848
>MEN1-T580 LTAQSQVQM	20129	>MEN1-T580 LRAQSQVQM	81	20048
>MEN1-T580 LTAQSQVQM	28353	>MEN1-T580 LRAQSQVQM	237	28116
>MEN1-T580 LTAQSQVQM	20972	>MEN1-T580 LRAQSQVQM	88	20884
>MEN1-T580 LTAQSQVQM	30	>MEN1-T580 LRAQSQVQM	16578	16548
>MEN1-T580 LTAQSQVQM	195	>MEN1-T580 LRAQSQVQM	33938	33743
>MEN1-T580 LTAQSQVQM	32	>MEN1-T580 LRAQSQVQM	6097	6065
>MEN1-T580 LTAQSQVQM	462	>MEN1-T580 LRAQSQVQM	14345	13883
>MEN1-T580 LTAQSQVQM	271	>MEN1-T580 LRAQSQVQM	11196	10925
>MEN1-T580 LTAQSQVQM	268	>MEN1-T580 LRAQSQVQM	14449	14181
>MEN1-T580 QLTAQSQV	31	>MEN1-T580 QLRAQSQV	234	203
>MEN1-T580 QLTAQSQV	35	>MEN1-T580 QLRAQSQV	27	8
>MEN1-T580 QLTAQSQV	34	>MEN1-T580 QLRAQSQV	138	104
>MEN1-T580 QLTAQSQV	156	>MEN1-T580 QLRAQSQV	1276	1120
>MEN1-T580 QLTAQSQV	25	>MEN1-T580 QLRAQSQV	498	473
>MEN1-T580 QLTAQSQV	42	>MEN1-T580 QLRAQSQV	1226	1184
>MEN1-T580 QLTAQSQV	3	>MEN1-T580 QLRAQSQV	4	1
>MEN1-T580 QLTAQSQVQ	129	>MEN1-T580 QLRAQSQVQ	624	495
>MEN1-T580 QLTAQSQVQ	443	>MEN1-T580 QLRAQSQVQ	131	312
>MEN1-T580 QLTAQSQV	13128	>MEN1-T580 QLRAQSQV	228	12900
>MEN1-T580 QLTAQSQVQ	13349	>MEN1-T580 QLRAQSQVQ	260	13089
>MEN1-T580 QLTAQSQVQ	2467	>MEN1-T580 QLRAQSQVQ	8	2459
>MEN1-T580 QLTAQSQVQ	3202	>MEN1-T580 QLRAQSQVQ	204	2998
>MEN1-T580 QLTAQSQVQ	831	>MEN1-T580 QLRAQSQVQ	318	513
>MEN1-T580 QLTAQSQVQ	1874	>MEN1-T580 QLRAQSQVQ	292	1582

>MEN1-T580 QLTAQSQVQ	126	>MEN1-T580 QLRAQSQVQ	173	47
>MEN1-T580 LQLTAQSQVQ	286	>MEN1-T580 LQLRAQSQVQ	523	237
>MEN1-T580 LQLTAQSQV	236	>MEN1-T580 LQLRAQSQV	463	227
>MEN1-T580 LQLTAQSQV	36	>MEN1-T580 LQLRAQSQV	43	7
>MEN1-T580 LQLTAQSQV	167	>MEN1-T580 LQLRAQSQV	110	57
>MEN1-T580 LQLTAQSQV	159	>MEN1-T580 LQLRAQSQV	144	15
>MEN1-T580 LQLTAQSQV	150	>MEN1-T580 LQLRAQSQV	250	100
>MEN1-T580 LQLTAQSQV	139	>MEN1-T580 LQLRAQSQV	87	52
>MEN1-T580 LQLTAQSQVQ	182	>MEN1-T580 LQLRAQSQVQ	145	37
>MEN1-T580 LQLTAQSQ	401	>MEN1-T580 LQLRAQSQ	595	194
>MEN1-T580 LQLTAQSQV	42	>MEN1-T580 LQLRAQSQV	50	8
>MEN1-T580 LQLTAQSQVQ	402	>MEN1-T580 LQLRAQSQVQ	475	73
>MEN1-T580 LQLTAQSQVQ	10	>MEN1-T580 LQLRAQSQVQ	10	0
>MEN1-T580 KLQLTAQSQV	324	>MEN1-T580 KLQLRAQSQV	701	377
>MEN1-T580 KLQLTAQSQV	299	>MEN1-T580 KLQLRAQSQV	614	315
>MEN1-T580 KLQLTAQSQV	12	>MEN1-T580 KLQLRAQSQV	23	11
>MEN1-T580 KLQLTAQSQV	13	>MEN1-T580 KLQLRAQSQV	28	15
>MEN1-T580 KLQLTAQSQV	20	>MEN1-T580 KLQLRAQSQV	43	23
>MEN1-T580 KLQLTAQSQV	12	>MEN1-T580 KLQLRAQSQV	37	25
>MEN1-T580 KLQLTAQSQV	4	>MEN1-T580 KLQLRAQSQV	4	0
>MEN1-T580 IKLQLTAQSQV	104	>MEN1-T580 IKLQLRAQSQV	126	22
>MEN1-T580 AIKLQLTA	487	>MEN1-T580 AIKLQLRA	1352	865
>MEN1-T580 AIKLQLTA	83	>MEN1-T580 AIKLQLRA	139	56
>MEN1-T580 SAIKLQLT	19235	>MEN1-T580 SAIKLQLR	69	19166
>MEN1-T580 SAIKLQLT	20020	>MEN1-T580 SAIKLQLR	36	19984
>MEN1-T580 SSAIKLQLT	17824	>MEN1-T580 SSAIKLQLR	67	17757
>MEN1-T580 SSAIKLQLT	28582	>MEN1-T580 SSAIKLQLR	147	28435
>MEN1-T580 SSAIKLQLTA	343	>MEN1-T580 SSAIKLQLRA	729	386
>MEN1-T580 SSAIKLQLT	9468	>MEN1-T580 SSAIKLQLR	444	9024
>MEN1-T580 NSSAIKLQLT	32192	>MEN1-T580 NSSAIKLQLR	424	31768
>MEN1-T580 NSSAIKLQLT	20479	>MEN1-T580 NSSAIKLQLR	50	20429
>MEN1-T580 NSSAIKLQLT	28534	>MEN1-T580 NSSAIKLQLR	394	28140
>MEN1-T580 NSSAIKLQLT	24578	>MEN1-T580 NSSAIKLQLR	8	24570
>MEN1-V121 VSDVIWNSLS	4546	>MEN1-V121 DSDVIWNSLS	260	4286
>MEN1-V121 VSDVIWNSLS	1437	>MEN1-V121 DSDVIWNSLS	136	1301
>MEN1-V121 KVSDVIWNS	456	>MEN1-V121 KDSDVIWNS	12520	12064
>MEN1-V121 KVSDVIWNSI	113	>MEN1-V121 KDSDVIWNSI	8798	8685
>MEN1-V121 KVSDVIWNSI	388	>MEN1-V121 KDSDVIWNSI	19782	19394
>MEN1-V121 KVSDVIWNS	138	>MEN1-V121 KDSDVIWNS	12431	12293
>MEN1-V121 KVSDVIWNSI	128	>MEN1-V121 KDSDVIWNSI	7952	7824
>MEN1-V121 KVSDVIWNSI	499	>MEN1-V121 KDSDVIWNSI	17706	17207
>MEN1-V121 KVSDVIWNSI	237	>MEN1-V121 KDSDVIWNSI	12318	12081
>MEN1-V121 KVSDVIWNSI	101	>MEN1-V121 KDSDVIWNSI	16302	16201

>MEN1-V121KVSDVIWNSI	376	>MEN1-V121KDSDVIWNSI	13954	13578
>MEN1-V121KVSDVIWNSI	148	>MEN1-V121KDSDVIWNSI	12049	11901
>MEN1-V121KVSDVIWNSI	408	>MEN1-V121KDSDVIWNSI	4424	4016
>MEN1-V121GVSSRELVKK	362	>MEN1-V121GVSSRELVKK	25228	24866
>MEN1-V121GVSSRELVKK	162	>MEN1-V121GVSSRELVKK	36424	36262
>MEN1-V121KKVSDVIW	40	>MEN1-V121KKDSDVIW	1660	1620
>MEN1-V121KKVSDVIWN!	23	>MEN1-V121KKDSDVIWN!	544	521
>MEN1-V121KKVSDVIW	285	>MEN1-V121KKDSDVIW	566	281
>MEN1-V121VKKVSDVI	175	>MEN1-V121VKKDSDVI	246	71
>MEN1-V121VKKVSDVIW	132	>MEN1-V121VKKDSDVIW	218	86
>MEN1-V121LVKKVSDV	87	>MEN1-V121LVKKDSDV	579	492
>MEN1-V121LVKKVSDV	230	>MEN1-V121LVKKDSDV	344	114
>MEN1-V121LVKKVSDVIW	225	>MEN1-V121LVKKDSDVIW	329	104
>MEN1-V121LVKKVSDVIW	97	>MEN1-V121LVKKDSDVIW	473	376
>MEN1-V121ELVKKVSDV	91	>MEN1-V121ELVKKDSDV	2306	2215
>MEN1-V121ELVKKVSDV	219	>MEN1-V121ELVKKDSDV	2277	2058
>MEN1-V121ELVKKVSDV	157	>MEN1-V121ELVKKDSDV	701	544
>MEN1-V121ELVKKVSDV	16	>MEN1-V121ELVKKDSDV	45	29
>MEN1-V121RELVKKVSDV	289	>MEN1-V121RELVKKDSDV	538	249
>MEN1-V121RELVKKVSDV	24	>MEN1-V121RELVKKDSDV	26	2
>MEN1-V121RELVKKVSDV	41	>MEN1-V121RELVKKDSDV	51	10
>MEN1-V121RELVKKVSDV	319	>MEN1-V121RELVKKDSDV	466	147
>MEN1-V121RELVKKVSDV	105	>MEN1-V121RELVKKDSDV	149	44
>MEN1-V121RELVKKVSDV	67	>MEN1-V121RELVKKDSDV	97	30
>MEN1-V121RELVKKVSDV	8	>MEN1-V121RELVKKDSDV	9	1
>MEN1-V121SSRELVKKV	224	>MEN1-V121SSRELVKKD	5216	4992
>MEN1-V121SSRELVKKV	241	>MEN1-V121SSRELVKKD	7747	7506
>MEN1-V162VGACQALGLF	1445	>MEN1-V162CGACQALGLF	485	960
>MEN1-V162VVGACQALG	263	>MEN1-V162VCGACQALG	2797	2534
>MEN1-V162VVGACQALG	563	>MEN1-V162VCGACQALG	388	175
>MEN1-V162LDSSGVAFAV	185	>MEN1-V162LDSSGVAFAV	10617	10432
>MEN1-V162AVVGACQAL	304	>MEN1-V162AVCGACQAL	1140	836
>MEN1-V162AVVGACQA	360	>MEN1-V162AVCGACQA	2417	2057
>MEN1-V162AVVGACQAL	93	>MEN1-V162AVCGACQAL	696	603
>MEN1-V162AVVGACQALI	77	>MEN1-V162AVCGACQALI	496	419
>MEN1-V162AVVGACQA	177	>MEN1-V162AVCGACQA	318	141
>MEN1-V162AVVGACQAL	122	>MEN1-V162AVCGACQAL	227	105
>MEN1-V162AVVGACQALI	192	>MEN1-V162AVCGACQALI	335	143
>MEN1-V162AVVGACQAL	100	>MEN1-V162AVCGACQAL	707	607
>MEN1-V162AVVGACQALI	332	>MEN1-V162AVCGACQALI	2217	1885
>MEN1-V162AVVGACQAL	259	>MEN1-V162AVCGACQAL	4211	3952
>MEN1-V162AVVGACQALI	174	>MEN1-V162AVCGACQALI	539	365
>MEN1-V162FAVVGACQA	132	>MEN1-V162FAVCGACQA	64	68

>MEN1-V162 FAVVGACQA	353	>MEN1-V162 FAVCGACQA	324	29
>MEN1-V162 FAVVGACQA	468	>MEN1-V162 FAVCGACQA	289	179
>MEN1-V162 FAVVGACQA	1041	>MEN1-V162 FAVCGACQA	251	790
>MEN1-V162 FAVVGACQA	837	>MEN1-V162 FAVCGACQA	270	567
>MEN1-V162 FAVVGACQA	378	>MEN1-V162 FAVCGACQA	220	158
>MEN1-V162 FAVVGACQA	55	>MEN1-V162 FAVCGACQA	86	31
>MEN1-V162 FAVVGACQA	139	>MEN1-V162 FAVCGACQA	197	58
>MEN1-V162 FAVVGACQA	35	>MEN1-V162 FAVCGACQA	47	12
>MEN1-V162 VAFVAVGA	318	>MEN1-V162 VAFVAVCGA	419	101
>MEN1-V162 VAFVAVGA	299	>MEN1-V162 VAFVAVCGA	558	259
>MEN1-V162 VAFVAVGAC	399	>MEN1-V162 VAFVAVCGAC	1175	776
>MEN1-V162 VAFVAVGA	266	>MEN1-V162 VAFVAVCGA	823	557
>MEN1-V162 GVAFVAVGA	327	>MEN1-V162 GVAFVAVCGA	584	257
>MEN1-V162 GVAFVAVGA	80	>MEN1-V162 GVAFVAVCGA	64	16
>MEN1-V162 GVAFVAVGA	164	>MEN1-V162 GVAFVAVCGA	568	404
>MEN1-V162 SGVAFAVV	141	>MEN1-V162 SGVAFAVC	1433	1292
>MEN1-V162 SGVAFAVV	435	>MEN1-V162 SGVAFAVC	15184	14749
>MEN1-V162 SSGVAFAVV	258	>MEN1-V162 SSGVAFAVC	1221	963
>MEN1-V162 DSSGVAFAV	90	>MEN1-V162 DSSGVAFAVC	12865	12775
>MEN1-V162 VVGACQALG	263	>MEN1-V162 VVGACQALGI	115	148
>MEN1-V162 VVGACQALG	563	>MEN1-V162 VVGACQALGI	80	483
>MEN1-V162 LDSSGVAFAV	10689	>MEN1-V162 LDSSGVAFAV	277	10412
>MEN1-V162 LDSSGVAFAV	5766	>MEN1-V162 LDSSGVAFAV	312	5454
>MEN1-V162 LDSSGVAFAV	4761	>MEN1-V162 LDSSGVAFAV	303	4458
>MEN1-V162 LDSSGVAFAV	185	>MEN1-V162 LDSSGVAFAV	10731	10546
>MEN1-V162 AVVGACQAL	1655	>MEN1-V162 AVFGACQAL	274	1381
>MEN1-V162 AVVGACQAL	304	>MEN1-V162 AVFGACQAL	42	262
>MEN1-V162 AVVGACQAL	798	>MEN1-V162 AVFGACQAL	128	670
>MEN1-V162 AVVGACQA	360	>MEN1-V162 AVFGACQA	172	188
>MEN1-V162 AVVGACQAL	93	>MEN1-V162 AVFGACQAL	43	50
>MEN1-V162 AVVGACQAL	77	>MEN1-V162 AVFGACQAL	46	31
>MEN1-V162 AVVGACQA	4329	>MEN1-V162 AVFGACQA	474	3855
>MEN1-V162 AVVGACQAL	3764	>MEN1-V162 AVFGACQAL	434	3330
>MEN1-V162 AVVGACQAL	3192	>MEN1-V162 AVFGACQAL	322	2870
>MEN1-V162 AVVGACQA	177	>MEN1-V162 AVFGACQA	42	135
>MEN1-V162 AVVGACQAL	122	>MEN1-V162 AVFGACQAL	25	97
>MEN1-V162 AVVGACQAL	192	>MEN1-V162 AVFGACQAL	43	149
>MEN1-V162 AVVGACQAL	100	>MEN1-V162 AVFGACQAL	6757	6657
>MEN1-V162 AVVGACQAL	332	>MEN1-V162 AVFGACQAL	10078	9746
>MEN1-V162 AVVGACQAL	1330	>MEN1-V162 AVFGACQAL	71	1259
>MEN1-V162 AVVGACQAL	2038	>MEN1-V162 AVFGACQAL	94	1944
>MEN1-V162 AVVGACQAL	259	>MEN1-V162 AVFGACQAL	815	556
>MEN1-V162 AVVGACQAL	1497	>MEN1-V162 AVFGACQAL	423	1074

>MEN1-V162AVVGACQAL	1055	>MEN1-V162AVFGACQAL	462	593
>MEN1-V162AVVGACQAL	174	>MEN1-V162AVFGACQAL	80	94
>MEN1-V162FAVVGACQA	132	>MEN1-V162FAVFGACQA	160	28
>MEN1-V162FAVVGACQA	353	>MEN1-V162FAVFGACQAI	422	69
>MEN1-V162FAVVGACQA	468	>MEN1-V162FAVFGACQAI	97	371
>MEN1-V162FAVVGACQA	1041	>MEN1-V162FAVFGACQA	472	569
>MEN1-V162FAVVGACQA	837	>MEN1-V162FAVFGACQAI	447	390
>MEN1-V162FAVVGACQA	378	>MEN1-V162FAVFGACQAI	532	154
>MEN1-V162FAVVGACQA	55	>MEN1-V162FAVFGACQAI	60	5
>MEN1-V162FAVVGACQA	139	>MEN1-V162FAVFGACQAI	261	122
>MEN1-V162FAVVGACQA	35	>MEN1-V162FAVFGACQA	47	12
>MEN1-V162FAVVGACQA	634	>MEN1-V162FAVFGACQAI	383	251
>MEN1-V162VAFVAVGA	318	>MEN1-V162VAFVAVFGA	56	262
>MEN1-V162VAFVAVGAC	1048	>MEN1-V162VAFVAVFGACC	471	577
>MEN1-V162VAFVAVGA	299	>MEN1-V162VAFVAVFGA	231	68
>MEN1-V162VAFVAVGAC	399	>MEN1-V162VAFVAVFGACC	642	243
>MEN1-V162VAFVAVGA	266	>MEN1-V162VAFVAVFGA	127	139
>MEN1-V162GVAFVAVGA	2960	>MEN1-V162GVAFVAVFGA	381	2579
>MEN1-V162GVAFVAVGA	327	>MEN1-V162GVAFVAVFGA	86	241
>MEN1-V162GVAFVAVGA	80	>MEN1-V162GVAFVAVFGA	61	19
>MEN1-V162GVAFVAVGA	547	>MEN1-V162GVAFVAVFGA	79	468
>MEN1-V162GVAFVAVGA	1769	>MEN1-V162GVAFVAVFGA	426	1343
>MEN1-V162GVAFVAVGA	164	>MEN1-V162GVAFVAVFGA	84	80
>MEN1-V162SGVAFAVV	141	>MEN1-V162SGVAFAVF	2364	2223
>MEN1-V162SGVAFAVV	435	>MEN1-V162SGVAFAVF	7925	7490
>MEN1-V162SGVAFAVV	7989	>MEN1-V162SGVAFAVF	248	7741
>MEN1-V162SGVAFAVV	7731	>MEN1-V162SGVAFAVF	273	7458
>MEN1-V162SSGVAFAVV	858	>MEN1-V162SSGVAFAVF	480	378
>MEN1-V162SSGVAFAVV	1767	>MEN1-V162SSGVAFAVF	46	1721
>MEN1-V162SSGVAFAVV	5138	>MEN1-V162SSGVAFAVF	128	5010
>MEN1-V162SSGVAFAVV	10975	>MEN1-V162SSGVAFAVF	35	10940
>MEN1-V162SSGVAFAVV	18459	>MEN1-V162SSGVAFAVF	428	18031
>MEN1-V162SSGVAFAVV	258	>MEN1-V162SSGVAFAVF	60	198
>MEN1-V162SSGVAFAVV	1822	>MEN1-V162SSGVAFAVF	74	1748
>MEN1-V162DSSGVAFAVV	90	>MEN1-V162DSSGVAFAVF	19709	19619
>MEN1-V162DSSGVAFAVV	15240	>MEN1-V162DSSGVAFAVF	400	14840
>MEN1-V162DSSGVAFAVV	4113	>MEN1-V162DSSGVAFAVF	270	3843
>MEN1-V211VNAGVAERS	3483	>MEN1-V211FNAGVAERS	169	3314
>MEN1-V211VNAGVAER	224	>MEN1-V211FNAGVAER	21	203
>MEN1-V211VNAGVAERS	420	>MEN1-V211FNAGVAERS	372	48
>MEN1-V211VNAGVAERS	2272	>MEN1-V211FNAGVAERS	183	2089
>MEN1-V211TVNAGVAER	135	>MEN1-V211TFNAGVAER	9224	9089
>MEN1-V211TVNAGVAER	23	>MEN1-V211TFNAGVAER	14	9

>MEN1-V211TVNAGVAER	278	>MEN1-V211TFNAGVAER	86	192
>MEN1-V211TVNAGVAER	14	>MEN1-V211TFNAGVAER	118	104
>MEN1-V211TVNAGVAER:	411	>MEN1-V211TFNAGVAERS	9834	9423
>MEN1-V211TVNAGVAER:	206	>MEN1-V211TFNAGVAERS	8895	8689
>MEN1-V211TVNAGVAER:	105	>MEN1-V211TFNAGVAERS	1355	1250
>MEN1-V211KGNEDRRGQ	8757	>MEN1-V211KGNEDRRGQ	326	8431
>MEN1-V211QTVNAGVAE	1013	>MEN1-V211QTFNAGVAE	412	601
>MEN1-V211QTVNAGVAE	303	>MEN1-V211QTFNAGVAE	100	203
>MEN1-V211QTVNAGVAE	11	>MEN1-V211QTFNAGVAE	7	4
>MEN1-V211QTVNAGVA	541	>MEN1-V211QTFNAGVA	108	433
>MEN1-V211QTVNAGVAE	1129	>MEN1-V211QTFNAGVAE	282	847
>MEN1-V211QTVNAGVAE	836	>MEN1-V211QTFNAGVAE	192	644
>MEN1-V211GQTVNAGV	814	>MEN1-V211GQTFNAGV	256	558
>MEN1-V211GQTVNAGV	75	>MEN1-V211GQTFNAGV	77	2
>MEN1-V211GQTVNAGV	173	>MEN1-V211GQTFNAGV	149	24
>MEN1-V211RRGQTVNAG	159	>MEN1-V211RRGQTFNAG	176	17
>MEN1-V211RRGQTVNA	110	>MEN1-V211RRGQTFNA	96	14
>MEN1-V211RRGQTVNAG	98	>MEN1-V211RRGQTFNAG	105	7
>MEN1-V211RRGQTVNAG	79	>MEN1-V211RRGQTFNAG	70	9
>MEN1-V211NEDRRGQTV	4258	>MEN1-V211NEDRRGQTF	120	4138
>MEN1-V211NEDRRGQTV	5088	>MEN1-V211NEDRRGQTF	498	4590
>MEN1-V211NEDRRGQTV	937	>MEN1-V211NEDRRGQTF	495	442
>MEN1-V53I·VIPTNVPEL	459	>MEN1-V53I·IIPTNVPEL	329	130
>MEN1-V53I·VIPTNVPEL	98	>MEN1-V53I·IIPTNVPEL	123	25
>MEN1-V53I·VIPTNVPEL	426	>MEN1-V53I·IIPTNVPEL	781	355
>MEN1-V53I·VIPTNVPEL	22	>MEN1-V53I·IIPTNVPEL	30	8
>MEN1-V53I·VIPTNVPELTF	927	>MEN1-V53I·IIPTNVPELTF	386	541
>MEN1-V53I·VIPTNVPEL	216	>MEN1-V53I·IIPTNVPEL	233	17
>MEN1-V53I·RVIPTNVPEL	768	>MEN1-V53I·RIIPTNVPEL	421	347
>MEN1-V53I·RVIPTNVPEL	170	>MEN1-V53I·RIIPTNVPEL	159	11
>MEN1-V53I·RVIPTNVPEL	282	>MEN1-V53I·RIIPTNVPEL	81	201
>MEN1-V53I·RVIPTNVPEL	660	>MEN1-V53I·RIIPTNVPEL	342	318
>MEN1-V53I·RVIPTNVPEL	1308	>MEN1-V53I·RIIPTNVPEL	426	882
>MEN1-V53I·RVIPTNVPEL	156	>MEN1-V53I·RIIPTNVPEL	49	107
>MEN1-V53I·RVIPTNVPEL	378	>MEN1-V53I·RIIPTNVPEL	1255	877
>MEN1-V53I·RVIPTNVPEL	80	>MEN1-V53I·RIIPTNVPEL	283	203
>MEN1-V53I·RVIPTNVPEL	169	>MEN1-V53I·RIIPTNVPEL	205	36
>MEN1-V53I·RVIPTNVPEL	533	>MEN1-V53I·RIIPTNVPEL	434	99
>MEN1-V53I·RVIPTNVPEL	18	>MEN1-V53I·RIIPTNVPEL	50	32
>MEN1-V53I·RVIPTNVPEL	273	>MEN1-V53I·RIIPTNVPEL	556	283
>MEN1-V53I·FVEHFLAVNR	227	>MEN1-V53I·FVEHFLAVNR	1251	1024
>MEN1-V53I·FVEHFLAVNR	30	>MEN1-V53I·FVEHFLAVNR	91	61
>MEN1-V53I·FVEHFLAVNR	30	>MEN1-V53I·FVEHFLAVNR	211	181

>MEN1-V53I·FVEHFLAVNR	17	>MEN1-V53I·FVEHFLAVNR	141	124
>MEN1-V53I·FVEHFLAVNR	117	>MEN1-V53I·FVEHFLAVNR	1498	1381
>MEN1-V53I·FVEHFLAVNR	326	>MEN1-V53I·FVEHFLAVNR	3251	2925
>MEN1-V53I·FVEHFLAVNR	10	>MEN1-V53I·FVEHFLAVNR	1164	1154
>MEN1-V53I·FVEHFLAVNR	57	>MEN1-V53I·FVEHFLAVNR	200	143
>MEN1-V53I·FVEHFLAVNR	249	>MEN1-V53I·FVEHFLAVNR	1715	1466
>MEN1-V53I·NRVIPTNVPE	116	>MEN1-V53I·NRVIPTNVPE	80	36
>MEN1-V53I·NRVIPTNVPE	727	>MEN1-V53I·NRVIPTNVPE	378	349
>MEN1-V53I·NRVIPTNVPE	193	>MEN1-V53I·NRVIPTNVPE	100	93
>MEN1-V53I·AVNRVIPTNV	86	>MEN1-V53I·AVNRVIPTNV	70	16
>MEN1-V53I·AVNRVIPTNV	35	>MEN1-V53I·AVNRVIPTNV	54	19
>MEN1-V53I·AVNRVIPTNV	77	>MEN1-V53I·AVNRVIPTNV	110	33
>MEN1-V53I·AVNRVIPTNV	486	>MEN1-V53I·AVNRVIPTNV	258	228
>MEN1-V53I·AVNRVIPTNV	18	>MEN1-V53I·AVNRVIPTNV	16	2
>MEN1-V53I·LAVNRVIPTN	119	>MEN1-V53I·LAVNRVIPTN	133	14
>MEN1-V53I·LAVNRVIPTN	350	>MEN1-V53I·LAVNRVIPTN	251	99
>MEN1-V53I·LAVNRVIPTN	638	>MEN1-V53I·LAVNRVIPTN	466	172
>MEN1-V53I·LAVNRVIPTN	251	>MEN1-V53I·LAVNRVIPTN	156	95
>MEN1-V53I·LAVNRVIPTN	362	>MEN1-V53I·LAVNRVIPTN	321	41
>MEN1-V53I·FLAVNRVI	241	>MEN1-V53I·FLAVNRVI	245	4
>MEN1-V53I·FLAVNRVIPT	215	>MEN1-V53I·FLAVNRVIPT	113	102
>MEN1-V53I·FLAVNRVI	17	>MEN1-V53I·FLAVNRVI	17	0
>MEN1-V53I·FLAVNRVIPT	96	>MEN1-V53I·FLAVNRVIPT	75	21
>MEN1-V53I·FLAVNRVI	17	>MEN1-V53I·FLAVNRVI	17	0
>MEN1-V53I·FLAVNRVIPT	81	>MEN1-V53I·FLAVNRVIPT	59	22
>MEN1-V53I·FLAVNRVI	370	>MEN1-V53I·FLAVNRVI	409	39
>MEN1-V53I·FLAVNRVIPT	238	>MEN1-V53I·FLAVNRVIPT	127	111
>MEN1-V53I·FLAVNRVI	30	>MEN1-V53I·FLAVNRVI	73	43
>MEN1-V53I·FLAVNRVIPT	182	>MEN1-V53I·FLAVNRVIPT	148	34
>MEN1-V53I·FLAVNRVI	58	>MEN1-V53I·FLAVNRVI	75	17
>MEN1-V53I·FLAVNRVIPT	529	>MEN1-V53I·FLAVNRVIPT	484	45
>MEN1-V53I·FLAVNRVI	103	>MEN1-V53I·FLAVNRVI	123	20
>MEN1-V53I·FLAVNRVIPT	238	>MEN1-V53I·FLAVNRVIPT	237	1
>MEN1-V53I·FLAVNRVI	207	>MEN1-V53I·FLAVNRVI	430	223
>MEN1-V53I·FLAVNRVI	14	>MEN1-V53I·FLAVNRVI	19	5
>MEN1-V53I·FLAVNRVIPT	13	>MEN1-V53I·FLAVNRVIPT	12	1
>MEN1-V53I·FLAVNRVIPTI	284	>MEN1-V53I·FLAVNRVIPTI	274	10
>MEN1-V53I·HFLAVNRV	1144	>MEN1-V53I·HFLAVNRV	94	1050
>MEN1-V53I·HFLAVNRVI	46	>MEN1-V53I·HFLAVNRVI	194	148
>MEN1-V53I·HFLAVNRV	5853	>MEN1-V53I·HFLAVNRV	372	5481
>MEN1-V53I·HFLAVNRV	1925	>MEN1-V53I·HFLAVNRV	65	1860
>MEN1-V53I·HFLAVNRVI	152	>MEN1-V53I·HFLAVNRVI	398	246
>MEN1-V53I·EHFLAVNRV	2342	>MEN1-V53I·EHFLAVNRV	361	1981

>MEN1-V53I·EHFLAVNRVI	223	>MEN1-V53I·EHFLAVNRII	202	21
>MEN1-V53I·EHFLAVNRVI	454	>MEN1-V53I·EHFLAVNRII	886	432
>MEN1-V53I·VEHFLAVNRV	361	>MEN1-V53I·VEHFLAVNRII	44	317
>MEN1-V53I·VEHFLAVNRV	38	>MEN1-V53I·VEHFLAVNRII	35	3
>MEN1-V53I·VEHFLAVNRV	100	>MEN1-V53I·VEHFLAVNRII	85	15
>MEN1-V53I·VEHFLAVNRV	150	>MEN1-V53I·VEHFLAVNRII	192	42
>MEN1-V53I·VEHFLAVNRV	366	>MEN1-V53I·VEHFLAVNRII	35	331
>MEN1-V53I·VEHFLAVNRV	38	>MEN1-V53I·VEHFLAVNRII	25	13
>MEN1-W12 WNSLSRSYFK	757	>MEN1-W12 GNSLSRSYFK	269	488
>MEN1-W12 WNSLSRSYF	61	>MEN1-W12 GNSLSRSYF	490	429
>MEN1-W12 WNSLSRSY	267	>MEN1-W12 GNSLSRSY	3513	3246
>MEN1-W12 WNSLSRSYF	33	>MEN1-W12 GNSLSRSYF	47	14
>MEN1-W12 IWNSLSRSYFI	3537	>MEN1-W12 IGNSLSRSYFK	381	3156
>MEN1-W12 IWNSLSRSYFI	1006	>MEN1-W12 IGNSLSRSYFK	138	868
>MEN1-W12 IWNSLSRSYF	19	>MEN1-W12 IGNSLSRSYF	8480	8461
>MEN1-W12 IWNSLSRSYF	58	>MEN1-W12 IGNSLSRSYF	12925	12867
>MEN1-W12 IWNSLSRSYF	104	>MEN1-W12 IGNSLSRSYF	20622	20518
>MEN1-W12 IWNSLSRSY	204	>MEN1-W12 IGNSLSRSY	3126	2922
>MEN1-W12 IWNSLSRSYF	425	>MEN1-W12 IGNSLSRSYF	5194	4769
>MEN1-W12 IWNSLSRSYFI	270	>MEN1-W12 IGNSLSRSYFK	404	134
>MEN1-W12 IWNSLSRSY	39	>MEN1-W12 IGNSLSRSY	54	15
>MEN1-W12 IWNSLSRSYFI	116	>MEN1-W12 IGNSLSRSYFK	295	179
>MEN1-W12 IWNSLSRSY	1425	>MEN1-W12 IGNSLSRSY	149	1276
>MEN1-W12 IWNSLSRSYF	129	>MEN1-W12 IGNSLSRSYF	109	20
>MEN1-W12 IWNSLSRSY	560	>MEN1-W12 IGNSLSRSY	110	450
>MEN1-W12 IWNSLSRSY	283	>MEN1-W12 IGNSLSRSY	119	164
>MEN1-W12 IWNSLSRSYFI	54	>MEN1-W12 IGNSLSRSYFK	2522	2468
>MEN1-W12 IWNSLSRSY	473	>MEN1-W12 IGNSLSRSY	36433	35960
>MEN1-W12 IWNSLSRSYF	368	>MEN1-W12 IGNSLSRSYF	32850	32482
>MEN1-W12 IWNSLSRSYFI	223	>MEN1-W12 IGNSLSRSYFK	31289	31066
>MEN1-W12 VIWNSLSR	433	>MEN1-W12 VIGNSLSR	1680	1247
>MEN1-W12 VIWNSLSR	319	>MEN1-W12 VIGNSLSR	1034	715
>MEN1-W12 VIWNSLSRSY	292	>MEN1-W12 VIGNSLRSYF	1779	1487
>MEN1-W12 VIWNSLSRSY	264	>MEN1-W12 VIGNSLRSY	944	680
>MEN1-W12 VIWNSLSR	75	>MEN1-W12 VIGNSLSR	1264	1189
>MEN1-W12 VIWNSLSRSY	537	>MEN1-W12 VIGNSLRSY	279	258
>MEN1-W12 VIWNSLSRSY	112	>MEN1-W12 VIGNSLRSY	100	12
>MEN1-W12 VIWNSLSRSY	300	>MEN1-W12 VIGNSLRSYF	274	26
>MEN1-W12 VIWNSLSRSY	197	>MEN1-W12 VIGNSLRSY	818	621
>MEN1-W12 VIWNSLSRSY	81	>MEN1-W12 VIGNSLRSY	1357	1276
>MEN1-W12 VIWNSLSRSY	17	>MEN1-W12 VIGNSLRSYF	267	250
>MEN1-W12 VIWNSLSRSY	67	>MEN1-W12 VIGNSLRSY	1694	1627
>MEN1-W12 VIWNSLSRSY	53	>MEN1-W12 VIGNSLRSYF	1302	1249



>MEN1-W12 VIWNSLSRSY	29	>MEN1-W12 VIGNSLRSYF	98	69
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>MEN1-W12 VIWNSLSR	194	>MEN1-W12 VIGNSLR	765	571
>MEN1-W12 DVIWNSLSRS	57	>MEN1-W12 DVIGNSLRS`	32	25
>MEN1-W12 DVIWNSLSRS	12	>MEN1-W12 DVIGNSLRS`	6	6
>MEN1-W12 DVIWNSLSRS	970	>MEN1-W12 DVIGNSLRS	438	532
>MEN1-W12 DVIWNSLSRS	12	>MEN1-W12 DVIGNSLRS`	6	6
>MEN1-W12 DVIWNSLSRS	30	>MEN1-W12 DVIGNSLRS`	16	14
>MEN1-W12 DVIWNSLSRS	107	>MEN1-W12 DVIGNSLRS`	97	10
>MEN1-W12 DVIWNSLSRS	350	>MEN1-W12 DVIGNSLRS`	877	527
>MEN1-W12 DVIWNSLSR	85	>MEN1-W12 DVIGNSLR	162	77
>MEN1-W12 DVIWNSLSR	6	>MEN1-W12 DVIGNSLR	12	6
>MEN1-W12 DVIWNSLSRS	304	>MEN1-W12 DVIGNSLRS`	656	352
>MEN1-W12 DVIWNSLSRS	70	>MEN1-W12 DVIGNSLRS`	130	60
>MEN1-W12 DVIWNSLSR	457	>MEN1-W12 DVIGNSLR	1458	1001
>MEN1-W12 SDVIWNSL	2964	>MEN1-W12 SDVIGNSL	172	2792
>MEN1-W12 SDVIWNSL	390	>MEN1-W12 SDVIGNSL	759	369
>MEN1-W12 VSDVIWNSL	692	>MEN1-W12 VSDVIGNSL	350	342
>MEN1-W12 KVSDVIWNS	456	>MEN1-W12 KVSDVIGNS	6274	5818
>MEN1-W12 KVSDVIWNSL	113	>MEN1-W12 KVSDVIGNSL	119	6
>MEN1-W12 KVSDVIWNSL	388	>MEN1-W12 KVSDVIGNSL	614	226
>MEN1-W12 KVSDVIWNS	138	>MEN1-W12 KVSDVIGNS	6194	6056
>MEN1-W12 KVSDVIWNSL	128	>MEN1-W12 KVSDVIGNSL	439	311
>MEN1-W12 KVSDVIWNSL	499	>MEN1-W12 KVSDVIGNSL	2371	1872
>MEN1-W12 KVSDVIWNSL	237	>MEN1-W12 KVSDVIGNSL	1598	1361
>MEN1-W12 KVSDVIWNSL	101	>MEN1-W12 KVSDVIGNSL	390	289
>MEN1-W12 KVSDVIWNSL	376	>MEN1-W12 KVSDVIGNSL	1067	691
>MEN1-W12 KVSDVIWNSL	148	>MEN1-W12 KVSDVIGNSL	234	86
>MEN1-W12 KVSDVIWNSL	408	>MEN1-W12 KVSDVIGNSL	7048	6640
>MEN1-W12 KKVSDVIW	40	>MEN1-W12 KKVSDVIG	2002	1962
>MEN1-W12 KKVSDVIWN`	23	>MEN1-W12 KKVSDVIGNS	11	12
>MEN1-W12 KKVSDVIW	285	>MEN1-W12 KKVSDVIG	32900	32615
>MEN1-W12 VKKVSDVIW	132	>MEN1-W12 VKKVSDVIG	5886	5754
>MEN1-W12 LVKKVSDVIW	225	>MEN1-W12 LVKKVSDVIG	23777	23552
>MEN1-W12 LVKKVSDVIW	97	>MEN1-W12 LVKKVSDVIG	21881	21784
>MEN1-W18 AWWVFGPN	344	>MEN1-W18 AGVVFPGN	34879	34535
>MEN1-W18 AWWVFGPNC	494	>MEN1-W18 AGVVFPGNG	37084	36590
>MEN1-W18 AWWVFGPNC	479	>MEN1-W18 AGVVFPGNG	36460	35981
>MEN1-W18 VHLALSEDHA	463	>MEN1-W18 VHLALSEDHA	32059	31596
>MEN1-W18 VHLALSEDHA	32	>MEN1-W18 VHLALSEDHA	25457	25425
>MEN1-W18 SEDHAWVV	19	>MEN1-W18 SEDHAGVV	5	14
>MEN1-W18 SEDHAWVV	477	>MEN1-W18 SEDHAGVV	6608	6131
>MEN1-W18 SEDHAWVVF	772	>MEN1-W18 SEDHAGVVF	452	320

>MEN1-W18 SEDHAWVVF	278	>MEN1-W18 SEDHAGVVF	296	18
>MEN1-W18 SEDHAWVV	88	>MEN1-W18 SEDHAGVV	187	99
>MEN1-W18 SEDHAWVVF	51	>MEN1-W18 SEDHAGVVF	83	32
>MEN1-W18 SEDHAWVVF	447	>MEN1-W18 SEDHAGVVF	1446	999
>MEN1-W18 SEDHAWVVF	411	>MEN1-W18 SEDHAGVVF	389	22
>MEN1-W18 SEDHAWVVF	70	>MEN1-W18 SEDHAGVVF	176	106
>MEN1-W18 SEDHAWVV	127	>MEN1-W18 SEDHAGVV	1004	877
>MEN1-W18 SEDHAWVVF	248	>MEN1-W18 SEDHAGVVF	268	20
>MEN1-W18 LSEDHAWVV	471	>MEN1-W18 LSEDHAGVVF	897	426
>MEN1-W18 LSEDHAWVV	307	>MEN1-W18 LSEDHAGVV	3118	2811
>MEN1-W18 LSEDHAWVV	366	>MEN1-W18 LSEDHAGVV	11219	10853
>MEN1-W18 LSEDHAWVV	355	>MEN1-W18 LSEDHAGVVF	190	165
>MEN1-W18 LSEDHAWVV	399	>MEN1-W18 LSEDHAGVVF	428	29
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>MEN1-W18 LSEDHAWVV	385	>MEN1-W18 LSEDHAGVV	3760	3375
>MEN1-W18 LSEDHAWVV	54	>MEN1-W18 LSEDHAGVVF	49	5
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>MEN1-W18 ALSEDHAWV	53	>MEN1-W18 ALSEDHAGV	842	789
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>MEN1-W18 ALSEDHAWV	397	>MEN1-W18 ALSEDHAGV	3288	2891
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>MEN1-W18 ALSEDHAWV	4	>MEN1-W18 ALSEDHAGV	10	6
>MEN1-W18 ALSEDHAWV	6	>MEN1-W18 ALSEDHAGV	5	1
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>MEN1-W18 LALSEDHAWV	424	>MEN1-W18 LALSEDHAGV	193	231
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>MEN1-W18 LALSEDHAWV	76	>MEN1-W18 LALSEDHAGV	908	832
>MEN1-W18 LALSEDHAWV	93	>MEN1-W18 LALSEDHAGV	74	19
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>MEN1-W18 LALSEDHAW	73	>MEN1-W18 LALSEDHAG	589	516
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>MEN1-W18 HLALSEDHAV	863	>MEN1-W18 HLALSEDHAC	331	532
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>MEN1-W18 AWVVFPGN	344	>MEN1-W18 ARVVFPGN	34322	33978
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>MEN1-W18 AWVVFPGNC	479	>MEN1-W18 ARVVFPGNGI	36045	35566
>MEN1-W18 VHLALSEDHA	463	>MEN1-W18 VHLALSEDHA	32609	32146
>MEN1-W18 VHLALSEDHA	32	>MEN1-W18 VHLALSEDHA	21418	21386
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>MEN1-W18 SEDHAWVV	477	>MEN1-W18 SEDHARVV	9265	8788
>MEN1-W18 SEDHAWVVF	278	>MEN1-W18 SEDHARVVF	241	37
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>MEN1-W18 SEDHAWVVF	51	>MEN1-W18 SEDHARVVF	153	102
>MEN1-W18 SEDHAWVVF	447	>MEN1-W18 SEDHARVVF	722	275
>MEN1-W18 SEDHAWVVF	411	>MEN1-W18 SEDHARVVF	462	51
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>MEN1-W18 SEDHAWVVF	248	>MEN1-W18 SEDHARVVF	215	33
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>MEN1-W18 LSEDHAWVV	307	>MEN1-W18 LSEDHARVV	3664	3357
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>MEN1-W18 LSEDHAWVV	355	>MEN1-W18 LSEDHARVVF	360	5
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>MEN1-W18 LSEDHAWVV	8	>MEN1-W18 LSEDHARVVF	14	6
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>MEN1-W18 ALSEDHAWV	22	>MEN1-W18 ALSEDHARV\	87	65
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>MEN1-W18 ALSEDHAWV	103	>MEN1-W18 ALSEDHARV\	126	23
>MEN1-W18 ALSEDHAWV	25	>MEN1-W18 ALSEDHARV	76	51
>MEN1-W18 ALSEDHAWV	397	>MEN1-W18 ALSEDHARV\	4206	3809
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>MEN1-W18 ALSEDHAWV	4	>MEN1-W18 ALSEDHARV\	13	9
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>MEN1-W18 ALSEDHAWV	68	>MEN1-W18 ALSEDHARV\	65	3
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>MEN1-W18 LALSEDHAW'	76	>MEN1-W18 LALSEDHARV	1186	1110
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>MEN1-W18 LALSEDHAW	24034	>MEN1-W18 LALSEDHAR	250	23784
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>MEN1-W18 LALSEDHAW	73	>MEN1-W18 LALSEDHAR	1546	1473
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>MEN1-W18 HLALSEDHAV	207	>MEN1-W18 HLALSEDHAR	453	246
>MEN1-W18 HLALSEDHAV	9	>MEN1-W18 HLALSEDHAR	15	6
>MEN1-W18 HLALSEDHAV	26	>MEN1-W18 HLALSEDHAR	43	17
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>MEN1-W18 HLALSEDHAV	38	>MEN1-W18 HLALSEDHAR	41	3
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>MET-A1126 HCAVKSLNR	101	>MET-A1126 HCSVKSLNR	107	6
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>MET-A1209 AMKYL	144	>MET-A1209 GMKYL	252	108
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>MET-A1209 LQVAKAMKY	91	>MET-A1209 LQVAKGMKY	124	33
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>MET-A1209 GLQVAKAMK	225	>MET-A1209 GLQVAKGMK	254	29
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>MET-D1246 DMYDKEYY	2012	>MET-D1246 HMYDKEYY	190	1822
>MET-D1246 DMYDKEYYS	179	>MET-D1246 HMYDKEYYS	16	163
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>MET-D1246 DMYDKEYYS	3329	>MET-D1246 HMYDKEYYS	421	2908
>MET-D1246 DMYDKEYYS\	8	>MET-D1246 HMYDKEYYS\	5	3
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>MET-D1246 DMYDKEYYS\	4	>MET-D1246 HMYDKEYYS\	2	2
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>MET-D1246 DMYDKEYYS\	13006	>MET-D1246 HMYDKEYYS\	425	12581
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>MET-D1246 DMYDKEYY	168	>MET-D1246 HMYDKEYY	40	128
>MET-D1246 DMYDKEYYS\	8168	>MET-D1246 HMYDKEYYS\	441	7727
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>MET-D1246 DMYDKEYY	911	>MET-D1246 HMYDKEYY	44	867
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>MET-D1246 ARDMYDKEY	1395	>MET-D1246 ARHMYDKEY	40	1355
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>MET-D1246 LARDMYDK	34	>MET-D1246 LARHMYDK	16	18
>MET-D1246 LARDMYDKE'	717	>MET-D1246 LARHMYDKE'	483	234
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>MET-D1246 LARDMYDKE'	305	>MET-D1246 LARHMYDKE'	279	26
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>MET-D1246 VADFLARDI	82	>MET-D1246 VADFLARHI	43	39
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>MET-D1246 VADFLARDI	601	>MET-D1246 VADFLARHI	245	356
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>MET-D1398 EVDTRPASF	1610	>MET-D1398 EVNTRPASF	456	1154
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>MET-D1398 EVDTRPASFW	1723	>MET-D1398 EVNTRPASFW	266	1457
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>MET-D1398 DEVDTRPA	42	>MET-D1398 DEVNTRPA	55	13
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>MET-E221G KETKDGFM	53	>MET-E221G KGTKDGFM	37214	37161
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>MET-E221G VRRLKETKDG	477	>MET-E221G VRRLKGTKDC	314	163
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>MET-G1137 TDIGEVSQF	398	>MET-G1137 TDIVEVSQF	3394	2996
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>MET-G1137 ITDIGEVSQF	525	>MET-G1137 ITDIVEVSQF	283	242
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>MET-G1137 RITDIGEV	484	>MET-G1137 RITDIVEV	35	449
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>MET-G1137 RITDIGEVSQF	164	>MET-G1137 RITDIVEVSQF	110	54
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>MET-G1137 RITDIGEVSQF	39	>MET-G1137 RITDIVEVSQF	66	27
>MET-G1137 SLNRITDIG	22623	>MET-G1137 SLNRITDIV	262	22361
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>MET-G1260 GAKLPVKW	73	>MET-G1260 CAKLPVKW	116	43
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>MET-G1260 TGAKLPVKW	279	>MET-G1260 TCAKLPVKW	3057	2778
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>MET-G1260 KTGAKLPV	298	>MET-G1260 KTCAKLPV	106	192
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>MET-G1260 SVHNKTGAK	1147	>MET-G1260 SVHNKTCAK	292	855
>MET-G1260 SVHNKTGAK	358	>MET-G1260 SVHNKTCAK	161	197
>MET-G1260 YSVHNKTGA	863	>MET-G1260 YSVHNKTCA	116	747

>MET-G1260 YSVHNKTGAI	128	>MET-G1260 YSVHNKTCAK	200	72
>MET-G1260 YSVHNKTGAI	929	>MET-G1260 YSVHNKTCAK	490	439
>MET-G1260 YSVHNKTGAI	648	>MET-G1260 YSVHNKTCAK	222	426
>MET-G1260 YSVHNKTGAI	1658	>MET-G1260 YSVHNKTCAK	300	1358
>MET-G1260 YSVHNKTGAI	222	>MET-G1260 YSVHNKTCAK	291	69
>MET-G1260 YSVHNKTGAI	8	>MET-G1260 YSVHNKTCAK	14	6
>MET-G1260 YSVHNKTGAI	179	>MET-G1260 YSVHNKTCAK	173	6
>MET-G1260 YYSVHNKTGA	887	>MET-G1260 YYSVHNKTCA	388	499
>MET-G1260 YYSVHNKTGA	2018	>MET-G1260 YYSVHNKTCA	499	1519
>MET-G983V LGSELVRY	26828	>MET-G983V LVSELVRY	251	26577
>MET-G983V LGSELVRY	2708	>MET-G983V LVSELVRY	92	2616
>MET-G983V LGSELVRY	668	>MET-G983V LVSELVRY	272	396
>MET-G983V LGSELVRYDA	1882	>MET-G983V LVSELVRYDA	177	1705
>MET-G983V LGSELVRYDA	12699	>MET-G983V LVSELVRYDA	452	12247
>MET-G983V LGSELVRYDA	1786	>MET-G983V LVSELVRYDA	82	1704
>MET-G983V LGSELVRYDA	17854	>MET-G983V LVSELVRYDA	400	17454
>MET-G983V LGSELVRY	932	>MET-G983V LVSELVRY	228	704
>MET-G983V LGSELVRY	1060	>MET-G983V LVSELVRY	160	900
>MET-G983V LGSELVRY	603	>MET-G983V LVSELVRY	234	369
>MET-G983V LGSELVRY	837	>MET-G983V LVSELVRY	174	663
>MET-G983V DLGSELVRY	9469	>MET-G983V DLVSELVRY	192	9277
>MET-G983V DLGSELVRY	144	>MET-G983V DLVSELVRY	11	133
>MET-G983V DLGSELVR	579	>MET-G983V DLVSELVR	309	270
>MET-G983V DLGSELVR	896	>MET-G983V DLVSELVR	128	768
>MET-G983V KDLGSELVR	188	>MET-G983V KDLVSELVR	737	549
>MET-G983V KDLGSELV	55	>MET-G983V KDLVSELV	28	27
>MET-G983V QIKDLGSEL	806	>MET-G983V QIKDLVSEL	175	631
>MET-G983V QIKDLGSELV	547	>MET-G983V QIKDLVSELV	328	219
>MET-G983V QIKDLGSEL	409	>MET-G983V QIKDLVSEL	37	372
>MET-G983V QIKDLGSELV	194	>MET-G983V QIKDLVSELV	180	14
>MET-G983V QIKDLGSEL	791	>MET-G983V QIKDLVSEL	193	598
>MET-G983V QIKDLGSELV	68	>MET-G983V QIKDLVSELV	53	15
>MET-G983V QIKDLGSELVI	719	>MET-G983V QIKDLVSELVI	459	260
>MET-G983V QIKDLGSELVI	445	>MET-G983V QIKDLVSELVI	233	212
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>MET-G983V QIKDLGSELVI	297	>MET-G983V QIKDLVSELVI	243	54
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>MET-G983V KQIKDLGSEL	962	>MET-G983V KQIKDLVSEL	285	677
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>MET-G983V KQIKDLGSEL	8	>MET-G983V KQIKDLVSEL	6	2

>MET-G983V KQIKDLGSEL\	570	>MET-G983V KQIKDLVSEL\	236	334
>MET-G983V KQIKDLGSEL	1156	>MET-G983V KQIKDLVSEL	328	828
>MET-G983V KQIKDLGSEL\	190	>MET-G983V KQIKDLVSEL\	90	100
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>MET-G983V KQIKDLGSEL	228	>MET-G983V KQIKDLVSEL	184	44
>MET-G983V KQIKDLGSEL	31	>MET-G983V KQIKDLVSEL	14	17
>MET-G983V KQIKDLGSEL\	364	>MET-G983V KQIKDLVSEL\	160	204
>MET-G983V KQIKDLGSEL	605	>MET-G983V KQIKDLVSEL	347	258
>MET-G983V RKQIKDLGSEI	198	>MET-G983V RKQIKDLVSEI	174	24
>MET-G983V RKQIKDLGSEI	163	>MET-G983V RKQIKDLVSEI	137	26
>MET-G983V RKQIKDLGSEI	170	>MET-G983V RKQIKDLVSEI	123	47
>MET-G983V KRKQIKDLG	524	>MET-G983V KRKQIKDLV	79	445
>MET-G983V KRKQIKDLGS	255	>MET-G983V KRKQIKDLVS	210	45
>MET-G983V KRKQIKDLG	3454	>MET-G983V KRKQIKDLV	282	3172
>MET-G983V KRKQIKDLGS	266	>MET-G983V KRKQIKDLVS	266	0
>MET-G983V KKRKQIKDLG	8941	>MET-G983V KKRKQIKDLV	397	8544
>MET-H1112 CVYHGTL	155	>MET-H1112 CVYLGTL	606	451
>MET-H1112 CVYHGTL	463	>MET-H1112 CVYLGTL	904	441
>MET-H1112 CVYHGTL	341	>MET-H1112 CVYLGTL	429	88
>MET-H1112 CVYHGTL	217	>MET-H1112 CVYLGTL	390	173
>MET-H1112 GCVYHGTL	358	>MET-H1112 GCVYLGTL	49	309
>MET-H1112 HFGCVYHGTL	38	>MET-H1112 HFGCVYLGTL	34	4
>MET-H1112 HFGCVYHGTL	171	>MET-H1112 HFGCVYLGTL	171	0
>MET-H1112 GHFGCVYH	18170	>MET-H1112 GHFGCVYL	247	17923
>MET-H1112 GHFGCVYHG	78	>MET-H1112 GHFGCVYLG	104	26
>MET-H1112 GHFGCVYHG	384	>MET-H1112 GHFGCVYLG	399	15
>MET-H1112 RGHFVCVYH	3292	>MET-H1112 RGHFVCVYL	309	2983
>MET-H1112 GRGHFGCVYH	1976	>MET-H1112 GRGHFGCVYL	112	1864
>MET-H1112 YHGTLNDNC	21094	>MET-H1112 YRGTLNDNC	383	20711
>MET-H1112 IGRGHFGCVY	10188	>MET-H1112 IGRGHFGCVY	70	10118
>MET-H1112 IGRGHFGCVY	20806	>MET-H1112 IGRGHFGCVY	179	20627
>MET-H1112 CVYHGTL	155	>MET-H1112 CVYRGTL	465	310
>MET-H1112 CVYHGTL	463	>MET-H1112 CVYRGTL	923	460
>MET-H1112 CVYHGTL	341	>MET-H1112 CVYRGTL	681	340
>MET-H1112 CVYHGTL	217	>MET-H1112 CVYRGTL	273	56
>MET-H1112 GCVYHGTL	358	>MET-H1112 GCVYRGTL	144	214
>MET-H1112 HFGCVYHGTL	38	>MET-H1112 HFGCVYRGTL	78	40
>MET-H1112 HFGCVYHGTL	171	>MET-H1112 HFGCVYRGTL	325	154
>MET-H1112 GHFGCVYH	16808	>MET-H1112 GHFGCVYR	436	16372
>MET-H1112 GHFGCVYHG	78	>MET-H1112 GHFGCVYRG	74	4
>MET-H1112 GHFGCVYHG	384	>MET-H1112 GHFGCVYRG	506	122
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>MET-H1112 RGHFVCVYH	3292	>MET-H1112 RGHFVCVYR	492	2800

>MET-H1112 RGHFGCVYH	2703	>MET-H1112 RGHFGCVYR	25	2678
>MET-H1112 RGHFGCVYH	15903	>MET-H1112 RGHFGCVYR	31	15872
>MET-H1112 GRGHFGCVYI	1976	>MET-H1112 GRGHFGCVYI	342	1634
>MET-H1112 GRGHFGCVYI	27256	>MET-H1112 GRGHFGCVYI	323	26933
>MET-H1112 IGRGHFGCVY	14280	>MET-H1112 IGRGHFGCVY	183	14097
>MET-H1112 IGRGHFGCVY	17582	>MET-H1112 IGRGHFGCVY	271	17311
>MET-H1112 IGRGHFGCVY	12878	>MET-H1112 IGRGHFGCVY	308	12570
>MET-H1112 IGRGHFGCVY	3234	>MET-H1112 IGRGHFGCVY	176	3058
>MET-H1112 CVYHGTL	575	>MET-H1112 CVYYGTL	477	98
>MET-H1112 CVYHGTL	155	>MET-H1112 CVYYGTL	296	141
>MET-H1112 CVYHGTL	463	>MET-H1112 CVYYGTL	519	56
>MET-H1112 CVYHGTL	506	>MET-H1112 CVYYGTL	304	202
>MET-H1112 CVYHGTL	341	>MET-H1112 CVYYGTL	304	37
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>MET-H1112 GCVYHGTL	358	>MET-H1112 GCVYYGTL	80	278
>MET-H1112 HFGCVYHGTL	38	>MET-H1112 HFGCVYYGTL	17	21
>MET-H1112 HFGCVYHGTL	171	>MET-H1112 HFGCVYYGTL	183	12
>MET-H1112 GHFGCVYH	5168	>MET-H1112 GHFGCVYY	27	5141
>MET-H1112 GHFGCVYH	17989	>MET-H1112 GHFGCVYY	213	17776
>MET-H1112 GHFGCVYH	5718	>MET-H1112 GHFGCVYY	206	5512
>MET-H1112 GHFGCVYHG	78	>MET-H1112 GHFGCVYYG	78	0
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>MET-H1112 GHFGCVYH	14680	>MET-H1112 GHFGCVYY	238	14442
>MET-H1112 RGHFGCVYH	16073	>MET-H1112 RGHFGCVYY	258	15815
>MET-H1112 RGHFGCVYH	8996	>MET-H1112 RGHFGCVYY	51	8945
>MET-H1112 RGHFGCVYH	12136	>MET-H1112 RGHFGCVYY	308	11828
>MET-H1112 RGHFGCVYH	16401	>MET-H1112 RGHFGCVYY	232	16169
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>MET-H1112 GRGHFGCVYI	5545	>MET-H1112 GRGHFGCVYI	246	5299
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>MET-H1124 HCAVKSLNR	101	>MET-H1124 DCAVKSLNR	3739	3638
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>MET-H1124 IHCAVKSL	308	>MET-H1124 IDC AVKSL	14461	14153
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>MET-H1124 KIHCAVKSL	85	>MET-H1124 KIDCAVKSL	1239	1154
>MET-H1124 KIHCAVKSL	483	>MET-H1124 KIDCAVKSL	242	241
>MET-H1124 KIHCAVKSLNI	342	>MET-H1124 KIDCAVKSLNI	1565	1223
>MET-H1124 KIHCAVKSL	32	>MET-H1124 KIDCAVKSL	11293	11261
>MET-H1124 KIHCAVKSLNI	26	>MET-H1124 KIDCAVKSLNI	9580	9554
>MET-H1124 KIHCAVKSLNI	56	>MET-H1124 KIDCAVKSLNI	887	831
>MET-H1124 KIHCAVKSL	133	>MET-H1124 KIDCAVKSL	534	401
>MET-H1124 KIHCAVKSL	318	>MET-H1124 KIDCAVKSL	6758	6440
>MET-H1124 KIHCAVKSLNI	20	>MET-H1124 KIDCAVKSLNI	59	39



>MET-H1124 KKIHC	129	>MET-H1124 KKIDC	344	215
>MET-H1124 KKIHC	7	>MET-H1124 KKIDC	14	7
>MET-H1124 GKKIHC	145	>MET-H1124 GKKIDC	193	48
>MET-H1124 LLDNDG	270	>MET-H1124 LLDNDG	1350	1080
>MET-H1124 LLDNDG	194	>MET-H1124 LLDNDG	468	274
>MET-K1262 KLPVK	492	>MET-K1262 RLPVK	1485	993
>MET-K1262 KLPVK	278	>MET-K1262 RLPVK	584	306
>MET-K1262 KLPVK	169	>MET-K1262 RLPVK	184	15
>MET-K1262 KLPVK	227	>MET-K1262 RLPVK	443	216
>MET-K1262 KLPVK	98	>MET-K1262 RLPVK	192	94
>MET-K1262 KLPVK	67	>MET-K1262 RLPVK	71	4
>MET-K1262 KLPVK	99	>MET-K1262 RLPVK	103	4
>MET-K1262 KLPVK	382	>MET-K1262 RLPVK	819	437
>MET-K1262 KLPVK	71	>MET-K1262 RLPVK	140	69
>MET-K1262 KLPVK	193	>MET-K1262 RLPVK	393	200
>MET-K1262 KLPVK	50	>MET-K1262 RLPVK	55	5
>MET-K1262 KLPVK	65	>MET-K1262 RLPVK	72	7
>MET-K1262 KLPVK	422	>MET-K1262 RLPVK	160	262
>MET-K1262 AKLPV	128	>MET-K1262 ARLPV	799	671
>MET-K1262 AKLPV	49	>MET-K1262 ARLPV	335	286
>MET-K1262 AKLPV	8415	>MET-K1262 ARLPV	129	8286
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>MET-K1262 AKLPV	115	>MET-K1262 ARLPV	52	63
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>MET-K1262 YYSVH	3830	>MET-K1262 YYSVH	229	3601
>MET-K1262 YYSVH	3239	>MET-K1262 YYSVH	104	3135
>MET-K1262 YYSVH	1505	>MET-K1262 YYSVH	403	1102
>MET-K1262 YYSVH	2018	>MET-K1262 YYSVH	86	1932
>MET-K1262 GAKLP	1123	>MET-K1262 GARLP	237	886
>MET-K1262 GAKLP	6932	>MET-K1262 GARLP	234	6698
>MET-K1262 GAKLP	73	>MET-K1262 GARLP	22	51
>MET-K1262 GAKLP	331	>MET-K1262 GARLP	50	281
>MET-K1262 GAKLP	1088	>MET-K1262 GARLP	143	945
>MET-K1262 GAKLP	128	>MET-K1262 GARLP	84	44
>MET-K1262 GAKLP	319	>MET-K1262 GARLP	108	211
>MET-K1262 TGAKL	279	>MET-K1262 TGARL	190	89
>MET-K1262 TGAKL	206	>MET-K1262 TGARL	66	140
>MET-K1262 TGAKL	560	>MET-K1262 TGARL	250	310
>MET-K1262 KTGAK	298	>MET-K1262 KTGAR	177	121
>MET-K1262 KTGAK	182	>MET-K1262 KTGAR	363	181
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>MET-K1262 KTGAKLPVK	109	>MET-K1262 KTGARLPVK	62	47
>MET-K1262 KTGAKLPVK	59	>MET-K1262 KTGARLPVK	42	17
>MET-K1262 KTGAKLPVKV	196	>MET-K1262 KTGARLPVKV	235	39
>MET-K1262 KTGAKLPVKV	493	>MET-K1262 KTGARLPVKV	503	10
>MET-K1262 KTGAKLPV	222	>MET-K1262 KTGARLPV	71	151
>MET-K1262 KTGAKLPVK	10	>MET-K1262 KTGARLPVK	7	3
>MET-K1262 KTGAKLPVK	211	>MET-K1262 KTGARLPVK	139	72
>MET-K1262 KTGAKLPVKV	59	>MET-K1262 KTGARLPVKV	52	7
>MET-K1262 KTGAKLPV	423	>MET-K1262 KTGARLPV	433	10
>MET-K1262 KTGAKLPVKV	17	>MET-K1262 KTGARLPVKV	16	1
>MET-K1262 KTGAKLPVKV	13	>MET-K1262 KTGARLPVKV	13	0
>MET-K1262 KTGAKLPVKV	42	>MET-K1262 KTGARLPVKV	38	4
>MET-K1262 KTGAKLPVKV	13	>MET-K1262 KTGARLPVKV	13	0
>MET-K1262 KTGAKLPVKV	599	>MET-K1262 KTGARLPVKV	492	107
>MET-K1262 KTGAKLPVKV	176	>MET-K1262 KTGARLPVKV	120	56
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>MET-K1262 VHNKTGAKL	328	>MET-K1262 VHNKTGARL	826	498
>MET-K1262 SVHNKTGAK	113	>MET-K1262 SVHNKTGAR	1865	1752
>MET-K1262 SVHNKTGAK	38	>MET-K1262 SVHNKTGAR	568	530
>MET-K1262 SVHNKTGAK	8	>MET-K1262 SVHNKTGAR	337	329
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>MET-K1262 SVHNKTGAK	1147	>MET-K1262 SVHNKTGAR	47	1100
>MET-K1262 SVHNKTGAK	358	>MET-K1262 SVHNKTGAR	123	235
>MET-K1262 YSVHNKTGAF	128	>MET-K1262 YSVHNKTGAF	234	106
>MET-K1262 YSVHNKTGAF	6194	>MET-K1262 YSVHNKTGAF	398	5796
>MET-K1262 YSVHNKTGAF	1658	>MET-K1262 YSVHNKTGAF	482	1176
>MET-K1262 YSVHNKTGAF	222	>MET-K1262 YSVHNKTGAF	318	96
>MET-K1262 YSVHNKTGAF	8	>MET-K1262 YSVHNKTGAF	6	2
>MET-K1262 YSVHNKTGAF	179	>MET-K1262 YSVHNKTGAF	121	58
>MET-L1213' LASKKFFVHR	15	>MET-L1213' VASKKFFVHR	18	3
>MET-L1213' LASKKFFVHR	115	>MET-L1213' VASKKFFVHR	152	37
>MET-L1213' LASKKFFVHR	102	>MET-L1213' VASKKFFVHR	244	142
>MET-L1213' LASKKFFVHRD	318	>MET-L1213' VASKKFFVHRD	777	459
>MET-L1213' LASKKFFVHR	429	>MET-L1213' VASKKFFVHR	494	65
>MET-L1213' LASKKFFVHR	133	>MET-L1213' VASKKFFVHR	142	9
>MET-L1213' YLASKKFFV	17	>MET-L1213' YVASKKFFV	177	160
>MET-L1213' YLASKKFFV	4	>MET-L1213' YVASKKFFV	43	39
>MET-L1213' YLASKKFFV	4	>MET-L1213' YVASKKFFV	23	19
>MET-L1213' YLASKKFFV	22	>MET-L1213' YVASKKFFV	31	9
>MET-L1213' YLASKKFFV	2	>MET-L1213' YVASKKFFV	28	26
>MET-L1213' YLASKKFFV	6	>MET-L1213' YVASKKFFV	338	332
>MET-L1213' YLASKKFFV	5	>MET-L1213' YVASKKFFV	29	24

>MET-L1213'YLASKKFV	3	>MET-L1213'YVASKKFV	36	33
>MET-L1213'YLASKKFV	2	>MET-L1213'YVASKKFV	5	3
>MET-L1213'YLASKKFVHR	245	>MET-L1213'YVASKKFVHR	14479	14234
>MET-L1213'YLASKKFVHR	83	>MET-L1213'YVASKKFVHR	63	20
>MET-L1213'YLASKKFVHR	478	>MET-L1213'YVASKKFVHR	392	86
>MET-L1213'YLASKKFVHR	93	>MET-L1213'YVASKKFVHR	14	79
>MET-L1213'YLASKKFV	353	>MET-L1213'YVASKKFV	20	333
>MET-L1213'YLASKKFV	467	>MET-L1213'YVASKKFV	75	392
>MET-L1213'YLASKKFVHR	203	>MET-L1213'YVASKKFVHR	759	556
>MET-L1213'YLASKKFVHR	84	>MET-L1213'YVASKKFVHR	128	44
>MET-L1213'GLQVAKAMK	1940	>MET-L1213'GLQVAKAMK	457	1483
>MET-L1213'GLQVAKAMK	175	>MET-L1213'GLQVAKAMK	129	46
>MET-L1213'GLQVAKAMK	1313	>MET-L1213'GLQVAKAMK	126	1187
>MET-L1213'GLQVAKAMK	284	>MET-L1213'GLQVAKAMK	19	265
>MET-L1213'GLQVAKAMK	102	>MET-L1213'GLQVAKAMK	13	89
>MET-L1213'GLQVAKAMK	422	>MET-L1213'GLQVAKAMK	30	392
>MET-L1213'GLQVAKAMK	2985	>MET-L1213'GLQVAKAMK	142	2843
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>MET-L1213'KYLASKKFV	12	>MET-L1213'KYVASKKFV	17	5
>MET-L1213'KYLASKKF	31	>MET-L1213'KYVASKKF	28	3
>MET-L1213'KYLASKKF	195	>MET-L1213'KYVASKKF	272	77
>MET-L1213'KYLASKKF	6	>MET-L1213'KYVASKKF	13	7
>MET-L1213'KYLASKKFV	342	>MET-L1213'KYVASKKFV	1818	1476
>MET-L1213'KYLASKKFV	38	>MET-L1213'KYVASKKFV	241	203
>MET-L1213'KYLASKKFVH	138	>MET-L1213'KYVASKKFVH	871	733
>MET-L1213'KYLASKKFVH	6	>MET-L1213'KYVASKKFVH	8	2
>MET-L1213'KYLASKKFVH	460	>MET-L1213'KYVASKKFVH	1128	668
>MET-L1213'KYLASKKF	145	>MET-L1213'KYVASKKF	262	117
>MET-L1213'KYLASKKFVH	7	>MET-L1213'KYVASKKFVH	7	0
>MET-L1213'KYLASKKF	444	>MET-L1213'KYVASKKF	471	27
>MET-L1213'KYLASKKFV	34	>MET-L1213'KYVASKKFV	36	2
>MET-L1213'MKYLASKKFV	23	>MET-L1213'MKYVASKKFV	45	22
>MET-L1213'MKYLASKK	637	>MET-L1213'MKYVASKK	424	213
>MET-L1213'MKYLASKK	190	>MET-L1213'MKYVASKK	98	92
>MET-L1213'MKYLASKKF	3	>MET-L1213'MKYVASKKF	2	1
>MET-L1213'MKYLASKKFV	29	>MET-L1213'MKYVASKKFV	15	14
>MET-L1213'MKYLASKKFV	172	>MET-L1213'MKYVASKKFV	85	87
>MET-L1213'AMKYLASKKF	144	>MET-L1213'AMKYVASKKI	142	2
>MET-L1213'AMKYLASKKF	16	>MET-L1213'AMKYVASKKI	14	2
>MET-L1213'AMKYLASKKF	183	>MET-L1213'AMKYVASKKI	74	109
>MET-L1213'AMKYLASKKF	327	>MET-L1213'AMKYVASKKI	253	74
>MET-L1213'AMKYLASKKF	420	>MET-L1213'AMKYVASKKI	245	175
>MET-L1213'AMKYLASKKF	16	>MET-L1213'AMKYVASKKI	16	0

>MET-L1213'AMKYLASK	84	>MET-L1213'AMKYVASK	61	23
>MET-L1213'AMKYLASKK	70	>MET-L1213'AMKYVASKK	48	22
>MET-L1213'AMKYLASK	88	>MET-L1213'AMKYVASK	75	13
>MET-L1213'AMKYLASKK	111	>MET-L1213'AMKYVASKK	91	20
>MET-L1213'AMKYLASK	9	>MET-L1213'AMKYVASK	9	0
>MET-L1213'AMKYLASKK	26	>MET-L1213'AMKYVASKK	27	1
>MET-L1213'AMKYLASKKF	157	>MET-L1213'AMKYVASKKI	155	2
>MET-L1213'AMKYLASK	66	>MET-L1213'AMKYVASK	83	17
>MET-L1213'AMKYLASKK	169	>MET-L1213'AMKYVASKK	186	17
>MET-L1213'AMKYLASKKF	73	>MET-L1213'AMKYVASKKI	73	0
>MET-L1213'AMKYLASKKF	454	>MET-L1213'AMKYVASKKI	303	151
>MET-L1213'AMKYLASK	494	>MET-L1213'AMKYVASK	404	90
>MET-L1213'AMKYLASKKF	9	>MET-L1213'AMKYVASKKI	8	1
>MET-L1213'AMKYLASKKf	244	>MET-L1213'AMKYVASKKI	266	22
>MET-L1213'AMKYLASKKF	155	>MET-L1213'AMKYVASKKI	291	136
>MET-L1213'AMKYLASKKF	266	>MET-L1213'AMKYVASKKI	463	197
>MET-L1213'KAMKYLASK	52	>MET-L1213'KAMKYVASK	48	4
>MET-L1213'KAMKYLASKf	37	>MET-L1213'KAMKYVASKI	32	5
>MET-L1213'KAMKYLASK	12	>MET-L1213'KAMKYVASK	11	1
>MET-L1213'KAMKYLASKf	38	>MET-L1213'KAMKYVASKI	30	8
>MET-L1213'KAMKYLASK	7	>MET-L1213'KAMKYVASK	7	0
>MET-L1213'KAMKYLASKf	25	>MET-L1213'KAMKYVASKI	27	2
>MET-L1213'KAMKYLASK	27	>MET-L1213'KAMKYVASK	44	17
>MET-L1213'KAMKYLASKf	118	>MET-L1213'KAMKYVASKI	83	35
>MET-L1213'KAMKYLASKf	430	>MET-L1213'KAMKYVASKI	269	161
>MET-L1213'KAMKYLASK	570	>MET-L1213'KAMKYVASK	250	320
>MET-L1213'KAMKYLASKf	733	>MET-L1213'KAMKYVASKI	367	366
>MET-L1213'KAMKYLASKf	688	>MET-L1213'KAMKYVASKI	459	229
>MET-L1213'KAMKYLASKf	17	>MET-L1213'KAMKYVASKI	11	6
>MET-L1213'KAMKYLASKf	5	>MET-L1213'KAMKYVASKI	4	1
>MET-L1213'KAMKYLASKf	71	>MET-L1213'KAMKYVASKI	60	11
>MET-L1213'KAMKYLASKf	41	>MET-L1213'KAMKYVASKI	29	12
>MET-L1213'KAMKYLASKf	231	>MET-L1213'KAMKYVASKI	306	75
>MET-L1213'AKAMKYLASH	357	>MET-L1213'AKAMKYVASI	191	166
>MET-L1213'VAKAMKYLA'	212	>MET-L1213'VAKAMKYVA	267	55
>MET-L1213'VAKAMKYLA'	21	>MET-L1213'VAKAMKYVA	24	3
>MET-L1213'VAKAMKYLA'	123	>MET-L1213'VAKAMKYVA	180	57
>MET-L1213'VAKAMKYL	389	>MET-L1213'VAKAMKYV	5353	4964
>MET-L1213'QVAKAMKYL	274	>MET-L1213'QVAKAMKYV	216	58
>MET-L1213'QVAKAMKYL	2055	>MET-L1213'QVAKAMKYV	176	1879
>MET-L1213'QVAKAMKYL	1177	>MET-L1213'QVAKAMKYV	113	1064
>MET-L1213'QVAKAMKYL	40	>MET-L1213'QVAKAMKYV	299	259
>MET-L1213'QVAKAMKYL	67	>MET-L1213'QVAKAMKYV	17	50

>MET-L1213' QVAKAMKYL	283	>MET-L1213' QVAKAMKYV	32	251
>MET-L1213' LQVAKAMKY	487	>MET-L1213' LQVAKAMKY	463	24
>MET-L1213' LQVAKAMKY	518	>MET-L1213' LQVAKAMKY	99	419
>MET-L1213' LQVAKAMKY	1609	>MET-L1213' LQVAKAMKY	329	1280
>MET-L1213' LQVAKAMKY	91	>MET-L1213' LQVAKAMKY	275	184
>MET-L1213' LQVAKAMKY	3485	>MET-L1213' LQVAKAMKY	256	3229
>MET-L1213' LQVAKAMKY	75	>MET-L1213' LQVAKAMKY	190	115
>MET-L211W LHSISVRR	6503	>MET-L211W WHSISVRR	441	6062
>MET-L211W PLHSISVRR	352	>MET-L211W PWHSISVRR	27152	26800
>MET-L211W PLHSISVRR	151	>MET-L211W PWHSISVRR	32332	32181
>MET-L211W PLHSISVRR	303	>MET-L211W PWHSISVRR	17572	17269
>MET-L211W PLHSISVRR	275	>MET-L211W PWHSISVRR	546	271
>MET-L211W PLHSISVR	748	>MET-L211W PWHSISVR	28	720
>MET-L211W PLHSISVRR	177	>MET-L211W PWHSISVRR	17	160
>MET-L211W PLHSISVRR	12284	>MET-L211W PWHSISVRR	457	11827
>MET-L211W INSSYFPDHP	413	>MET-L211W INSSYFPDHP	7460	7047
>MET-L211W INSSYFPDHP	18402	>MET-L211W INSSYFPDHP	310	18092
>MET-L211W INSSYFPDHP	19768	>MET-L211W INSSYFPDHP	205	19563
>MET-L211W HPLHSISVRR	464	>MET-L211W HPWHSISVRF	725	261
>MET-L211W HPLHSISVR	843	>MET-L211W HPWHSISVR	274	569
>MET-L211W HPLHSISV	142	>MET-L211W HPWHSISV	110	32
>MET-L211W HPLHSISV	44	>MET-L211W HPWHSISV	24	20
>MET-L211W HPLHSISVRR	29	>MET-L211W HPWHSISVRF	21	8
>MET-L211W HPLHSISV	447	>MET-L211W HPWHSISV	51	396
>MET-L211W HPLHSISVR	1888	>MET-L211W HPWHSISVR	171	1717
>MET-L211W HPLHSISVRR	632	>MET-L211W HPWHSISVRF	76	556
>MET-L211W HPLHSISV	299	>MET-L211W HPWHSISV	1057	758
>MET-L211W HPLHSISVRR	334	>MET-L211W HPWHSISVRF	972	638
>MET-L211W HPLHSISV	464	>MET-L211W HPWHSISV	382	82
>MET-L211W HPLHSISV	1052	>MET-L211W HPWHSISV	395	657
>MET-L211W HPLHSISVRR	1163	>MET-L211W HPWHSISVRF	491	672
>MET-L211W HPLHSISV	158	>MET-L211W HPWHSISV	30	128
>MET-L211W HPLHSISVRR	944	>MET-L211W HPWHSISVRF	396	548
>MET-L211W HPLHSISVRR	305	>MET-L211W HPWHSISVRF	830	525
>MET-L211W HPLHSISVR	335	>MET-L211W HPWHSISVR	127	208
>MET-L211W HPLHSISVRR	105	>MET-L211W HPWHSISVRF	44	61
>MET-L211W PDHPLHSI	276	>MET-L211W PDHPWHSI	364	88
>MET-L211W FPDHPLHSI	104	>MET-L211W FPDHPWHSI	210	106
>MET-L211W FPDHPLHSI	64	>MET-L211W FPDHPWHSI	60	4
>MET-L211W FPDHPLHSI	47	>MET-L211W FPDHPWHSI	31	16
>MET-L211W FPDHPLHSI	46	>MET-L211W FPDHPWHSI	31	15
>MET-L211W FPDHPLHSI	1316	>MET-L211W FPDHPWHSI	398	918
>MET-L211W FPDHPLHSI	464	>MET-L211W FPDHPWHSI	206	258

>MET-L211W FPDHPLHSI	448	>MET-L211W FPDHPWHSI	151	297
>MET-L211W FPDHPLHSIS\	313	>MET-L211W FPDHPWHSIS	150	163
>MET-L211W FPDHPLHSI	50	>MET-L211W FPDHPWHSI	44	6
>MET-L211W FPDHPLHSIS\	100	>MET-L211W FPDHPWHSIS	107	7
>MET-L211W FPDHPLHSI	60	>MET-L211W FPDHPWHSI	25	35
>MET-L211W FPDHPLHSIS\	301	>MET-L211W FPDHPWHSIS	149	152
>MET-L211W FPDHPLHS	413	>MET-L211W FPDHPWHS	283	130
>MET-L211W FPDHPLHSI	21	>MET-L211W FPDHPWHSI	25	4
>MET-L211W FPDHPLHSIS	38	>MET-L211W FPDHPWHSIS	70	32
>MET-L211W FPDHPLHSIS\	15	>MET-L211W FPDHPWHSIS	14	1
>MET-L211W FPDHPLHSI	434	>MET-L211W FPDHPWHSI	278	156
>MET-L211W YFPDHPLHSI	360	>MET-L211W YFPDHPWHS	146	214
>MET-L211W YFPDHPLHSI	603	>MET-L211W YFPDHPWHS	385	218
>MET-L211W YFPDHPLHSI	19	>MET-L211W YFPDHPWHS	14	5
>MET-L211W YFPDHPLH	145	>MET-L211W YFPDHPWH	1671	1526
>MET-L211W YFPDHPLHSI	183	>MET-L211W YFPDHPWHS	315	132
>MET-L211W YFPDHPLHSI	1448	>MET-L211W YFPDHPWHS	232	1216
>MET-L211W YFPDHPLHSI	1352	>MET-L211W YFPDHPWHS	328	1024
>MET-L211W SYFPDHPL	55	>MET-L211W SYFPDHPW	15027	14972
>MET-L211W SYFPDHPLHS	23	>MET-L211W SYFPDHPWH	17	6
>MET-L211W SYFPDHPL	724	>MET-L211W SYFPDHPW	428	296
>MET-L211W SYFPDHPLHS	154	>MET-L211W SYFPDHPWH	160	6
>MET-L211W SYFPDHPLHS	229	>MET-L211W SYFPDHPWH	164	65
>MET-L211W SYFPDHPL	13	>MET-L211W SYFPDHPW	20	7
>MET-L211W SYFPDHPLHS	6	>MET-L211W SYFPDHPWH	7	1
>MET-L211W SYFPDHPLH	115	>MET-L211W SYFPDHPWH	2087	1972
>MET-L211W SYFPDHPLHS	342	>MET-L211W SYFPDHPWH	189	153
>MET-L211W SYFPDHPLH	1006	>MET-L211W SYFPDHPWH	494	512
>MET-L211W SYFPDHPLHS	251	>MET-L211W SYFPDHPWH	560	309
>MET-L211W SYFPDHPL	96	>MET-L211W SYFPDHPW	219	123
>MET-L211W SYFPDHPLHS	265	>MET-L211W SYFPDHPWH	277	12
>MET-L211W SYFPDHPLHS	102	>MET-L211W SYFPDHPWH	107	5
>MET-L211W SYFPDHPLHS	158	>MET-L211W SYFPDHPWH	180	22
>MET-L211W SSYFPDHPL	193	>MET-L211W SSYFPDHPW	7723	7530
>MET-L211W SSYFPDHPL	238	>MET-L211W SSYFPDHPW	169	69
>MET-L211W SSYFPDHPL	17	>MET-L211W SSYFPDHPW	15955	15938
>MET-L211W SSYFPDHPL	277	>MET-L211W SSYFPDHPW	15292	15015
>MET-L211W SSYFPDHPL	6	>MET-L211W SSYFPDHPW	3	3
>MET-L211W SSYFPDHPLH	642	>MET-L211W SSYFPDHPWH	237	405
>MET-L211W SSYFPDHPL	7552	>MET-L211W SSYFPDHPW	36	7516
>MET-L211W SSYFPDHPL	5073	>MET-L211W SSYFPDHPW	19	5054
>MET-L211W SSYFPDHPL	81	>MET-L211W SSYFPDHPW	17238	17157
>MET-L211W NSSYFPDHPL	73	>MET-L211W NSSYFPDHPV	25976	25903

>MET-L211W NSSYFPDHPL	2227	>MET-L211W NSSYFPDHPV	92	2135
>MET-L211W NSSYFPDHPL	13829	>MET-L211W NSSYFPDHPV	63	13766
>MET-L211W NSSYFPDHPL	12012	>MET-L211W NSSYFPDHPV	41	11971
>MET-L229F- LTDQSYIDV	236	>MET-L229F- FTDQSYIDV	104	132
>MET-L229F- LTDQSYIDVL	870	>MET-L229F- FTDQSYIDVL	256	614
>MET-L229F- LTDQSYIDV	2906	>MET-L229F- FTDQSYIDV	151	2755
>MET-L229F- LTDQSYIDVL	1298	>MET-L229F- FTDQSYIDVL	202	1096
>MET-L229F- LTDQSYIDV	394	>MET-L229F- FTDQSYIDV	46	348
>MET-L229F- LTDQSYIDVL	832	>MET-L229F- FTDQSYIDVL	107	725
>MET-L229F- LTDQSYIDV	426	>MET-L229F- FTDQSYIDV	35	391
>MET-L229F- LTDQSYIDV	381	>MET-L229F- FTDQSYIDV	49	332
>MET-L229F- LTDQSYIDV	296	>MET-L229F- FTDQSYIDV	34	262
>MET-L229F- LTDQSYIDVL	2602	>MET-L229F- FTDQSYIDVL	435	2167
>MET-L229F- LTDQSYIDVL	82	>MET-L229F- FTDQSYIDVL	113	31
>MET-L229F- LTDQSYIDVL	5381	>MET-L229F- FTDQSYIDVL	308	5073
>MET-L229F- LTDQSYIDVL	193	>MET-L229F- FTDQSYIDVL	149	44
>MET-L229F- FLTDQSYI	10	>MET-L229F- FFTDQSYI	4273	4263
>MET-L229F- FLTDQSYIDV	27	>MET-L229F- FFTDQSYIDV	6210	6183
>MET-L229F- FLTDQSYIDVI	13	>MET-L229F- FFTDQSYIDVI	5431	5418
>MET-L229F- FLTDQSYI	2	>MET-L229F- FFTDQSYI	55	53
>MET-L229F- FLTDQSYID	270	>MET-L229F- FFTDQSYID	12913	12643
>MET-L229F- FLTDQSYIDV	24	>MET-L229F- FFTDQSYIDV	4090	4066
>MET-L229F- FLTDQSYIDVI	2	>MET-L229F- FFTDQSYIDVI	37	35
>MET-L229F- FLTDQSYI	4	>MET-L229F- FFTDQSYI	5381	5377
>MET-L229F- FLTDQSYIDV	21	>MET-L229F- FFTDQSYIDV	3941	3920
>MET-L229F- FLTDQSYIDVI	9	>MET-L229F- FFTDQSYIDVI	11684	11675
>MET-L229F- FLTDQSYI	9	>MET-L229F- FFTDQSYI	956	947
>MET-L229F- FLTDQSYIDV	71	>MET-L229F- FFTDQSYIDV	2635	2564
>MET-L229F- FLTDQSYIDVI	14	>MET-L229F- FFTDQSYIDVI	1466	1452
>MET-L229F- FLTDQSYI	2	>MET-L229F- FFTDQSYI	1081	1079
>MET-L229F- FLTDQSYIDV	3	>MET-L229F- FFTDQSYIDV	1373	1370
>MET-L229F- FLTDQSYIDVI	4	>MET-L229F- FFTDQSYIDVI	2953	2949
>MET-L229F- FLTDQSYI	3	>MET-L229F- FFTDQSYI	2825	2822
>MET-L229F- FLTDQSYIDV	4	>MET-L229F- FFTDQSYIDV	1484	1480
>MET-L229F- FLTDQSYIDVI	3	>MET-L229F- FFTDQSYIDVI	3647	3644
>MET-L229F- FLTDQSYI	6	>MET-L229F- FFTDQSYI	2535	2529
>MET-L229F- FLTDQSYIDV	4	>MET-L229F- FFTDQSYIDV	297	293
>MET-L229F- FLTDQSYIDVI	7	>MET-L229F- FFTDQSYIDVI	5179	5172
>MET-L229F- FLTDQSYI	5	>MET-L229F- FFTDQSYI	8034	8029
>MET-L229F- FLTDQSYIDV	6	>MET-L229F- FFTDQSYIDV	7780	7774
>MET-L229F- FLTDQSYIDVI	8	>MET-L229F- FFTDQSYIDVI	10825	10817
>MET-L229F- FLTDQSYI	2	>MET-L229F- FFTDQSYI	653	651
>MET-L229F- FLTDQSYIDV	1	>MET-L229F- FFTDQSYIDV	18	17

>MET-L229F-FLTDQSYIDVI	2	>MET-L229F-FFTDQSYIDVI	669	667
>MET-L229F-FLTDQSYI	13554	>MET-L229F-FFTDQSYI	104	13450
>MET-L229F-FLTDQSYIDVI	10931	>MET-L229F-FFTDQSYIDVI	68	10863
>MET-L229F-FLTDQSYI	277	>MET-L229F-FFTDQSYI	4031	3754
>MET-L229F-FLTDQSYIDV	369	>MET-L229F-FFTDQSYIDV	6305	5936
>MET-L229F-LKETKDGFMF	2568	>MET-L229F-LKETKDGFMF	196	2372
>MET-L229F-MFLTDQSYI	302	>MET-L229F-MFFTDQSYI	433	131
>MET-L229F-MFLTDQSYI	1111	>MET-L229F-MFFTDQSYI	93	1018
>MET-L229F-MFLTDQSYID	564	>MET-L229F-MFFTDQSYID	221	343
>MET-L229F-MFLTDQSYI	45	>MET-L229F-MFFTDQSYI	70	25
>MET-L229F-MFLTDQSY	14	>MET-L229F-MFFTDQSY	10	4
>MET-L229F-MFLTDQSY	184	>MET-L229F-MFFTDQSY	78	106
>MET-L229F-MFLTDQSY	2738	>MET-L229F-MFFTDQSY	389	2349
>MET-L229F-MFLTDQSY	295	>MET-L229F-MFFTDQSY	123	172
>MET-L229F-MFLTDQSY	506	>MET-L229F-MFFTDQSY	134	372
>MET-L229F-MFLTDQSY	53	>MET-L229F-MFFTDQSY	38	15
>MET-L229F-MFLTDQSY	2601	>MET-L229F-MFFTDQSY	263	2338
>MET-L229F-FMFLTDQSYI	15	>MET-L229F-FMFFTDQSYI	16	1
>MET-L229F-FMFLTDQS	110	>MET-L229F-FMFFTDQS	57	53
>MET-L229F-FMFLTDQSYI	10	>MET-L229F-FMFFTDQSYI	10	0
>MET-L229F-FMFLTDQSYI	705	>MET-L229F-FMFFTDQSYI	485	220
>MET-L229F-FMFLTDQS	528	>MET-L229F-FMFFTDQS	188	340
>MET-L229F-FMFLTDQSYI	15	>MET-L229F-FMFFTDQSYI	20	5
>MET-L229F-FMFLTDQSYI	47	>MET-L229F-FMFFTDQSYI	55	8
>MET-L229F-FMFLTDQS	104	>MET-L229F-FMFFTDQS	40	64
>MET-L229F-FMFLTDQSY	481	>MET-L229F-FMFFTDQSY	191	290
>MET-L229F-FMFLTDQSYI	2	>MET-L229F-FMFFTDQSYI	2	0
>MET-L229F-FMFLTDQSYI	4	>MET-L229F-FMFFTDQSYI	3	1
>MET-L229F-FMFLTDQS	486	>MET-L229F-FMFFTDQS	423	63
>MET-L229F-FMFLTDQSYI	6	>MET-L229F-FMFFTDQSYI	6	0
>MET-L229F-FMFLTDQSYI	10	>MET-L229F-FMFFTDQSYI	8	2
>MET-L229F-FMFLTDQS	524	>MET-L229F-FMFFTDQS	341	183
>MET-L229F-FMFLTDQSY	588	>MET-L229F-FMFFTDQSY	412	176
>MET-L229F-FMFLTDQSYI	5	>MET-L229F-FMFFTDQSYI	4	1
>MET-L229F-FMFLTDQSY	11	>MET-L229F-FMFFTDQSY	8	3
>MET-L229F-FMFLTDQSY	152	>MET-L229F-FMFFTDQSY	44	108
>MET-L229F-FMFLTDQSYI	350	>MET-L229F-FMFFTDQSYI	61	289
>MET-L229F-FMFLTDQSY	31	>MET-L229F-FMFFTDQSY	26	5
>MET-L229F-FMFLTDQSYI	582	>MET-L229F-FMFFTDQSYI	267	315
>MET-L229F-FMFLTDQSY	10	>MET-L229F-FMFFTDQSY	9	1
>MET-L229F-FMFLTDQSYI	524	>MET-L229F-FMFFTDQSYI	382	142
>MET-L229F-FMFLTDQSY	3	>MET-L229F-FMFFTDQSY	3	0
>MET-L229F-FMFLTDQSYI	16	>MET-L229F-FMFFTDQSYI	11	5



>MET-L229F-FMFLTDQSY	51	>MET-L229F-FMFFTDQSY	46	5
>MET-L229F-FMFLTDQSY	26	>MET-L229F-FMFFTDQSY	24	2
>MET-L229F-FMFLTDQSY	830	>MET-L229F-FMFFTDQSY	484	346
>MET-L229F-FMFLTDQSY	1239	>MET-L229F-FMFFTDQSY	474	765
>MET-L229F-FMFLTDQSYI	449	>MET-L229F-FMFFTDQSYI	278	171
>MET-L229F-FMFLTDQSY	558	>MET-L229F-FMFFTDQSY	103	455
>MET-L229F-GFMFLTDQS'	276	>MET-L229F-GFMFFTDQS'	1495	1219
>MET-L229F-GFMFLTDQS'	167	>MET-L229F-GFMFFTDQS'	100	67
>MET-L229F-GFMFLTDQS'	81	>MET-L229F-GFMFFTDQS'	75	6
>MET-L229F-GFMFLTDQS'	50	>MET-L229F-GFMFFTDQS'	25	25
>MET-L229F-GFMFLTDQS'	102	>MET-L229F-GFMFFTDQS'	53	49
>MET-L229F-GFMFLTDQS'	676	>MET-L229F-GFMFFTDQS'	280	396
>MET-L229F-DGFMFLTDQ	447	>MET-L229F-DGFMFFTDQ	468	21
>MET-L229F-DGFMFLTDQ	383	>MET-L229F-DGFMFFTDQ	291	92
>MET-L229F-TKDGFMFL	126	>MET-L229F-TKDGFMFF	3097	2971
>MET-L229F-ETKDGFMFL	843	>MET-L229F-ETKDGFMFF	146	697
>MET-L229F-ETKDGFMFL	16	>MET-L229F-ETKDGFMFF	6	10
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>MET-L229F-ETKDGFMFL	328	>MET-L229F-ETKDGFMFF	45	283
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>MET-L229F-KETKDGFMFI	368	>MET-L229F-KETKDGFMFI	230	138
>MET-L229F-KETKDGFMFI	404	>MET-L229F-KETKDGFMFI	62	342
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>MET-L238F-LPEFRDSYPI	177	>MET-L238F-FPEFRDSYPI	94	83
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>MET-L238F-LPEFRDSYPI	1312	>MET-L238F-FPEFRDSYPI	344	968
>MET-L238F-LPEFRDSYPI	1973	>MET-L238F-FPEFRDSYPI	176	1797

>MET-L238F-LPEFRDSY	482	>MET-L238F-FPEFRDSY	352	130
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>MET-L238F-LPEFRDSYPI	1512	>MET-L238F-FPEFRDSYPI	394	1118
>MET-L238F-VLPEFRDSYPI	60	>MET-L238F-VFPEFRDSYPI	11221	11161
>MET-L238F-VLPEFRDSYPI	38	>MET-L238F-VFPEFRDSYPI	2623	2585
>MET-L238F-VLPEFRDSYPI	36	>MET-L238F-VFPEFRDSYPI	14229	14193
>MET-L238F-VLPEFRDSYPI	67	>MET-L238F-VFPEFRDSYPI	6928	6861
>MET-L238F-VLPEFRDSYPI	7	>MET-L238F-VFPEFRDSYPI	4346	4339
>MET-L238F-VLPEFRDSYPI	24	>MET-L238F-VFPEFRDSYPI	8779	8755
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>MET-L238F-VLPEFRDSYPI	12	>MET-L238F-VFPEFRDSYPI	17831	17819
>MET-L238F-VLPEFRDSYPI	13514	>MET-L238F-VFPEFRDSYPI	205	13309
>MET-L238F-VLPEFRDSY	152	>MET-L238F-VFPEFRDSY	391	239
>MET-L238F-VLPEFRDSYPI	116	>MET-L238F-VFPEFRDSYPI	2221	2105
>MET-L238F-VLPEFRDSY	334	>MET-L238F-VFPEFRDSY	1441	1107
>MET-L238F-VLPEFRDSYPI	110	>MET-L238F-VFPEFRDSYPI	630	520
>MET-L238F-FLTDQSYIDVI	13	>MET-L238F-FLTDQSYIDVI	1218	1205
>MET-L238F-FLTDQSYIDVI	2	>MET-L238F-FLTDQSYIDVI	22	20
>MET-L238F-FLTDQSYIDVI	9	>MET-L238F-FLTDQSYIDVI	1157	1148
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>MET-L238F-FLTDQSYIDVI	4	>MET-L238F-FLTDQSYIDVI	170	166
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>MET-L238F-FLTDQSYIDVI	7	>MET-L238F-FLTDQSYIDVI	2573	2566
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>MET-L238F-DVLPEFRDSY	199	>MET-L238F-DVFPEFRDSY	70	129
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>MET-L238F-DVLPEFRDSY	230	>MET-L238F-DVFPEFRDSY	309	79
>MET-L238F-YIDVLPEF	583	>MET-L238F-YIDVFPEF	429	154
>MET-L238F-YIDVLPEFR	403	>MET-L238F-YIDVFPEFR	254	149
>MET-L238F-YIDVLPEFR	41	>MET-L238F-YIDVFPEFR	17	24
>MET-L238F-YIDVLPEFR	518	>MET-L238F-YIDVFPEFR	185	333
>MET-L238F-SYIDVLPEF	524	>MET-L238F-SYIDVFPEF	293	231
>MET-L238F-SYIDVLPEF	20	>MET-L238F-SYIDVFPEF	11	9
>MET-L238F-SYIDVLPEF	82	>MET-L238F-SYIDVFPEF	29	53
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>MET-L238F-SYIDVLPEF	22	>MET-L238F-SYIDVFPEF	169	147
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>MET-L238F-SYIDVLPEFR	97	>MET-L238F-SYIDVFPEFR	64	33
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>MET-L238F-SYIDVLPEFR	44	>MET-L238F-SYIDVFPEFR	21	23
>MET-L238F-SYIDVLPEF	109	>MET-L238F-SYIDVFPEF	86	23
>MET-L238F-QSYIDVLPEFF	299	>MET-L238F-QSYIDVFPEFF	155	144
>MET-L238F-QSYIDVLPEF	212	>MET-L238F-QSYIDVFPEF	462	250
>MET-L238F-QSYIDVLPEFF	94	>MET-L238F-QSYIDVFPEFF	37	57
>MET-L238F-QSYIDVLPEF	469	>MET-L238F-QSYIDVFPEF	364	105
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>MET-L238F-QSYIDVLPEFF	19	>MET-L238F-QSYIDVFPEFF	10	9
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>MET-L238F-QSYIDVLPEF	32	>MET-L238F-QSYIDVFPEF	24	8
>MET-L238F-QSYIDVLPEF	4	>MET-L238F-QSYIDVFPEF	5	1
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>MET-L238F-QSYIDVLPEFF	133	>MET-L238F-QSYIDVFPEFF	101	32
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>MET-L238F-DQSYIDVL	2801	>MET-L238F-DQSYIDVF	217	2584
>MET-L238F-DQSYIDVLPEI	183	>MET-L238F-DQSYIDVFPEI	107	76
>MET-L238F-DQSYIDVLPEI	259	>MET-L238F-DQSYIDVFPEI	252	7
>MET-L238F-TDQSYIDVL	446	>MET-L238F-TDQSYIDVF	694	248
>MET-L238F-TDQSYIDVL	109	>MET-L238F-TDQSYIDVF	2807	2698
>MET-L238F-LTDQSYIDVL	82	>MET-L238F-LTDQSYIDVF	13	69
>MET-L238F-LTDQSYIDVL	2146	>MET-L238F-LTDQSYIDVF	114	2032
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>MET-M114!MKDFSHPNV	328	>MET-M114!TKDFSHPNVL	2390	2062
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>MET-M114!IMKDFSHPN\	392	>MET-M114!ITKDFSHPNV\	1111	719
>MET-M114!IMKDFSHPN\	66	>MET-M114!ITKDFSHPNV\	1610	1544
>MET-M114!IMKDFSHPN\	392	>MET-M114!ITKDFSHPNV\	9291	8899
>MET-M114!IMKDFSHPN\	37	>MET-M114!ITKDFSHPNV\	579	542
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>MET-M114!IMKDFSHPN\	5	>MET-M114!ITKDFSHPNV\	337	332
>MET-M114!IMKDFSHPN\	47	>MET-M114!ITKDFSHPNV\	5222	5175
>MET-M114!IMKDFSHPN\	24	>MET-M114!ITKDFSHPNV\	3608	3584
>MET-M114!IMKDFSHPN\	78	>MET-M114!ITKDFSHPNV\	10910	10832
>MET-M114!IMKDFSHPN\	25	>MET-M114!ITKDFSHPNV\	4301	4276
>MET-M114!IMKDFSHPN\	19	>MET-M114!ITKDFSHPNV\	7060	7041

>MET-M114☹IMKDFSHPN\	2	>MET-M114☹ITKDFSHPNV	47	45
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>MET-M114☹IMKDFSHPN	2448	>MET-M114☹ITKDFSHPN	366	2082
>MET-M114☹IMKDFSHPN\	61	>MET-M114☹ITKDFSHPNV	13	48
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>MET-M114☹IMKDFSHPN\	688	>MET-M114☹ITKDFSHPNV	113	575
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>MET-M114☹IIMKDFSHPN	63	>MET-M114☹IITKDFSHPNV	1969	1906
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>MET-M114☹IIMKDFSHPN	42	>MET-M114☹IITKDFSHPNV	278	236
>MET-M114☹IIMKDFSHPN	213	>MET-M114☹IITKDFSHPNV	2069	1856
>MET-M114☹IIMKDFSHPN	70	>MET-M114☹IITKDFSHPNV	94	24
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>MET-M114☹IIMKDFSHPN	9	>MET-M114☹IITKDFSHPNV	10	1
>MET-M114☹IIMKDFSHPN	106	>MET-M114☹IITKDFSHPNV	1479	1373
>MET-M114☹TEGIIMKDF	96	>MET-M114☹TEGIITKDF	65	31
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>MET-M114☹LTEGIIMKDF	1219	>MET-M114☹LTEGIITKDF	469	750
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>MET-M114☹LTEGIIMKDF	21	>MET-M114☹LTEGIITKDF	29	8
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>MET-M114☹FLTEGIIM	34	>MET-M114☹FLTEGIIT	120	86
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>MET-M114☹FLTEGIIM	21	>MET-M114☹FLTEGIIT	51	30
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>MET-M114☹FLTEGIIMK	191	>MET-M114☹FLTEGIITK	238	47
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>MET-M114☹FLTEGIIMK	134	>MET-M114☹FLTEGIITK	155	21
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>MET-M114☹FLTEGIIMKDF	87	>MET-M114☹FLTEGIITKDF	64	23
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>MET-M114☹QFLTEGIIMK	478	>MET-M114☹QFLTEGIITK	325	153
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>MET-M114☹SQFLTEGIIMK	20	>MET-M114☹SQFLTEGIITK	25	5
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>MET-M114☹SQFLTEGIIM	316	>MET-M114☹SQFLTEGIIT	11709	11393
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>MET-M117☹YMKHGDLRN	334	>MET-M117☹YIKHGDLRNF	4349	4015
>MET-M117☹YMKHGDLRN	53	>MET-M117☹YIKHGDLRNF	583	530
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>MET-M117☹YMKHGDLRN	142	>MET-M117☹YIKHGDLRNF	4523	4381
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>MET-M117☹YMKHGDLRN	292	>MET-M117☹YIKHGDLRNF	7066	6774
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>MET-M117☹YMKHGDLRN	320	>MET-M117☹YIKHGDLRNF	227	93
>MET-M117☹YMKHGDLR	58	>MET-M117☹YIKHGDLR	374	316
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>MET-M117☹YMKHGDLRN	34	>MET-M117☹YIKHGDLRNF	121	87
>MET-M117☹YMKHGDLRN	314	>MET-M117☹YIKHGDLRNF	3114	2800
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>MET-M117ÿEGSPLVVLPI	4167	>MET-M117ÿEGSPLVVLPI	316	3851
>MET-M117ÿPYMKHGDLR	95	>MET-M117ÿPYIKHGDLRN	69	26
>MET-M117ÿPYMKHGDLR	242	>MET-M117ÿPYIKHGDLRN	402	160
>MET-M117ÿPYMKHGD	78	>MET-M117ÿPYIKHGD	191	113
>MET-M117ÿPYMKHGDLR	18	>MET-M117ÿPYIKHGDLRN	35	17
>MET-M117ÿPYMKHGDLR	1580	>MET-M117ÿPYIKHGDLRN	226	1354
>MET-M117ÿPYMKHGDLR	76	>MET-M117ÿPYIKHGD	112	36
>MET-M117ÿLPYMKHGD	41	>MET-M117ÿLPYIKHGD	69	28
>MET-M117ÿLPYMKHGD	19	>MET-M117ÿLPYIKHGD	42	23
>MET-M117ÿLPYMKHGD	71	>MET-M117ÿLPYIKHGD	161	90
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>MET-M117ÿVLPYMKHGD	92	>MET-M117ÿVLPYIKHGD	109	17
>MET-M117ÿVVLPMKHG	165	>MET-M117ÿVVLPMKHG	230	65
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>MET-M117ÿLVVLPYMK	35	>MET-M117ÿLVVLPYIK	56	21
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>MET-M117ÿSPLVVLPI	272	>MET-M117ÿSPLVVLPI	464	192
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>MET-M126ÿMAESLQTQI	184	>MET-M126ÿIAESLQTQK	249	65
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>MET-M126ÿMAESLQTQI	16	>MET-M126ÿIAESLQTQKF	21	5
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>MET-M126ÿWMAESLQT	159	>MET-M126ÿWIAESLQTQ	3392	3233
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>MET-R266S FLTVQRETL	1326	>MET-R266S FLTVQSETLD	292	1034
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>MET-T1010 RSVSPTTEM	301	>MET-T1010 RSVSPITEM	386	85
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>MET-T1010 RSVSPTTEMV	226	>MET-T1010 RSVSPITEMV	358	132
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>MET-T1010 ARSVSPTTEM	26	>MET-T1010 ARSVSPITEM	34	8
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>MET-T1010 ARSVSPTTEM	824	>MET-T1010 ARSVSPITEM	490	334
>MET-T1010 SARSVSPT	237	>MET-T1010 SARSVSPI	12	225
>MET-T1010 SARSVSPTT	91	>MET-T1010 SARSVSPIT	137	46
>MET-T1010 SARSVSPTTEI	134	>MET-T1010 SARSVSPITEM	195	61
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>MET-T1010 SARSVSPTTEI	453	>MET-T1010 SARSVSPITEM	622	169
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>MET-T1010 SARSVSPTTEI	180	>MET-T1010 SARSVSPITEM	187	7
>MET-T1010 SARSVSPT	5744	>MET-T1010 SARSVSPI	294	5450
>MET-T1010 SARSVSPTTEI	78	>MET-T1010 SARSVSPITEM	103	25
>MET-T1010 SARSVSPTTEI	244	>MET-T1010 SARSVSPITEM	645	401
>MET-T1010 SARSVSPTTEI	13	>MET-T1010 SARSVSPITEM	13	0
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>MET-T1010 VSARSVSPT	7480	>MET-T1010 VSARSVSPI	369	7111
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>MET-T1010 VSARSVSPT	3599	>MET-T1010 VSARSVSPI	352	3247
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>MET-T1010 LVSARSVSPT	1908	>MET-T1010 LVSARSVSPI	182	1726
>MET-T1010 LVSARSVSPT	373	>MET-T1010 LVSARSVSPI	76	297
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>MET-T1191 THNPTVKDLI	69	>MET-T1191 IHNPTVKDLI	87	18
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>MET-T1191 GDLRNFIRNE	21815	>MET-T1191 GDLRNFIRNE	489	21326
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>MET-T1191 NETHNPTVKI	557	>MET-T1191 NEIHNPVKD	184	373
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>MET-T1191 NETHNPTVKI	1592	>MET-T1191 NEIHNPVKD	200	1392
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>MET-T1191 FIRNETHNPV	246	>MET-T1191 FIRNEIHNPV	191	55
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>MET-T1275 QTQKFTTKSD	6145	>MET-T1275 QIQKFTTKSD'	301	5844
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>MET-T1275 QTQKFTTK	80	>MET-T1275 QIQKFTTK	431	351
>MET-T1275 QTQKFTTKSD	438	>MET-T1275 QIQKFTTKSD'	9202	8764

>MET-T1275 QTQKFTTK	115	>MET-T1275 QIQKFTTK	1927	1812
>MET-T1275 VKWMAESL	17825	>MET-T1275 VKWMAESL	189	17636
>MET-T1275 VKWMAESL	2270	>MET-T1275 VKWMAESL	72	2198
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>MET-T1275 ESLQTQKFTT	62	>MET-T1275 ESLQIQKFTTK	30	32
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>MET-T1275 LESLQTQKF	472	>MET-T1275 LESLQIQKF	2069	1597
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>MET-T230M LTDQSYIDV	236	>MET-T230M LMDQSYIDV	4577	4341
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>MET-T230M LTDQSYIDV	7228	>MET-T230M LMDQSYIDV	213	7015
>MET-T230M LTDQSYIDVL	3744	>MET-T230M LMDQSYIDVL	366	3378
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>MET-T230M KETKDGFMFI	368	>MET-T230M KETKDGFMFI	174	194
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>MET-T230M FLTDQSYI	10	>MET-T230M FLMDQSYI	6	4
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>MET-T230M FLTDQSYIDV	21	>MET-T230M FLMDQSYIDV	7	14
>MET-T230M FLTDQSYIDVI	9	>MET-T230M FLMDQSYIDV	3	6
>MET-T230M FLTDQSYI	9	>MET-T230M FLMDQSYI	4	5
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>MET-T230M FLTDQSYIDVI	4	>MET-T230M FLMDQSYIDV	2	2
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>MET-T230M FLTDQSYIDVI	1676	>MET-T230M FLMDQSYIDV	419	1257
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>MET-T230M FLTDQSYIDV	369	>MET-T230M FLMDQSYIDV	50	319
>MET-T230M FLTDQSYIDVI	4503	>MET-T230M FLMDQSYIDV	377	4126
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>MET-T230M FLTDQSYIDVI	2552	>MET-T230M FLMDQSYIDV	496	2056
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>MET-T230M MFLTDQSYI	45	>MET-T230M MFLMDQSYI	42	3
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>MET-T230M MFLTDQSY	184	>MET-T230M MFLMDQSY	199	15
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>MET-T230M FMFLTDQSYI	15	>MET-T230M FMFLMDQSY	17	2
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>MET-T230M FMFLTDQSY	481	>MET-T230M FMFLMDQSY	1280	799
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>MET-T230M FMFLTDQSYI	4	>MET-T230M FMFLMDQSY	7	3
>MET-T230M FMFLTDQS	486	>MET-T230M FMFLMDQS	957	471
>MET-T230M FMFLTDQSYI	6	>MET-T230M FMFLMDQSY	7	1
>MET-T230M FMFLTDQSYI	10	>MET-T230M FMFLMDQSY	13	3
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>MET-T230M FMFLTDQSYI	5	>MET-T230M FMFLMDQSY	5	0
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>MET-T230M FMFLTDQSY	152	>MET-T230M FMFLMDQSY	169	17
>MET-T230M FMFLTDQSYI	350	>MET-T230M FMFLMDQSY	159	191
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>MET-T230M FMFLTDQSYI	16	>MET-T230M FMFLMDQSY	42	26
>MET-T230M FMFLTDQSY	51	>MET-T230M FMFLMDQSY	64	13
>MET-T230M FMFLTDQSY	26	>MET-T230M FMFLMDQSY	19	7
>MET-T230M FMFLTDQSYI	449	>MET-T230M FMFLMDQSY	353	96
>MET-T230M GFMFLTDQS'	276	>MET-T230M GFMFLMDQS'	305	29
>MET-T230M GFMFLTDQS'	167	>MET-T230M GFMFLMDQS'	195	28
>MET-T230M GFMFLTDQS'	81	>MET-T230M GFMFLMDQS'	101	20
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>MET-T230M GFMFLTDQS'	102	>MET-T230M GFMFLMDQS'	143	41
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>MET-T230M TKDGFMFMT	6807	>MET-T230M TKDGFMFMT	136	6671
>MET-T230M ETKDGFMFMT	5628	>MET-T230M ETKDGFMFMT	490	5138
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>MET-V1290 VLWELMTRG	711	>MET-V1290 LLWELMTRG	362	349
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>MET-V1290 VLWELMTRG	1011	>MET-V1290 LLWELMTRG	266	745
>MET-V1290 VLWELMTR	280	>MET-V1290 LLWELMTR	322	42
>MET-V1290 VLWELMTRG	81	>MET-V1290 LLWELMTRG	95	14
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>MET-V1290 VVLWELMTR	3779	>MET-V1290 VLLWELMTR	347	3432
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>MET-V1290 VVLWELMTR	8814	>MET-V1290 VLLWELMTR	237	8577
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>MET-V1290 VVLWELMTR	2437	>MET-V1290 VLLWELMTR	38	2399
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>MET-V1290 VVLWELMTR	17636	>MET-V1290 VLLWELMTR	275	17361
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>MET-V1290 FGVVLWELM	328	>MET-V1290 FGVLLWELM	732	404
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>MET-V1290 FGVVLWEL	48	>MET-V1290 FGVLLWEL	59	11
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>MET-V1290 SFGVLLWELM	37	>MET-V1290 SFGVLLWELM	32	5
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>MET-V1290 WSFGVLLWE	138	>MET-V1290 WSFGVLLWE	95	43
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>MET-V1290 WSFGVLLW	427	>MET-V1290 WSFGVLLW	1337	910
>MET-V1290 WSFGVLLWE	165	>MET-V1290 WSFGVLLWE	414	249
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>MET-V1290 WSFGVLLWE	390	>MET-V1290 WSFGVLLWE	335	55
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>MET-V1290 WSFGVLLWE	427	>MET-V1290 WSFGVLLWE	241	186
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>MET-V1290 WSFGVLLW	91	>MET-V1290 WSFGVLLW	64	27
>MET-V1290 VWSFGVLLM	342	>MET-V1290 VWSFGVLLM	412	70
>MET-V1290 VWSFGVLLM	319	>MET-V1290 VWSFGVLLM	459	140
>MET-V1290 VWSFGVLLM	205	>MET-V1290 VWSFGVLLM	156	49
>MET-V1290 VWSFGVLLM	390	>MET-V1290 VWSFGVLLM	411	21
>MET-V1290 VWSFGVLL	312	>MET-V1290 VWSFGVLL	541	229
>MET-V1290 VWSFGVLLM	410	>MET-V1290 VWSFGVLLM	603	193
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>MET-V1290 VWSFGVLLW	336	>MET-V1290 VWSFGVLLW	333	3
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>MET-V1290 DVWSFGVV	50	>MET-V1290 DVWSFGVL	523	473
>MET-V1290 DVWSFGVLL	728	>MET-V1290 DVWSFGVLL	191	537
>MET-V1290 DVWSFGVV	13	>MET-V1290 DVWSFGVL	96	83
>MET-V1290 DVWSFGVLL	103	>MET-V1290 DVWSFGVLL	29	74
>MET-V1290 DVWSFGVLL	325	>MET-V1290 DVWSFGVLL	542	217
>MET-V1290 SDVWSFGVV	67	>MET-V1290 SDVWSFGVL	271	204
>MET-V1290 KSDVWSFGV	236	>MET-V1290 KSDVWSFGV	509	273
>MET-V1290 KSDVWSFGV	879	>MET-V1290 KSDVWSFGV	30	849
>MET-V1290 KSDVWSFGV	16	>MET-V1290 KSDVWSFGV	20	4
>MET-V1290 KSDVWSFGV	2403	>MET-V1290 KSDVWSFGV	124	2279
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>MET-V1290 KSDVWSFGV	362	>MET-V1290 KSDVWSFGV	403	41
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>MET-V1333 VMLKCWHPK	1033	>MET-V1333 IMLKCWHPK	459	574
>MET-V1333 VMLKCWHPK	10	>MET-V1333 IMLKCWHPK	12	2
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>MET-V1333 VMLKCWHPK	14	>MET-V1333 IMLKCWHPK	21	7
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>MET-V1333 VMLKCWHPK	878	>MET-V1333 IMLKCWHPK	358	520
>MET-V1333 VMLKCWHPK	716	>MET-V1333 IMLKCWHPK	288	428
>MET-V1333 VMLKCWHPK	352	>MET-V1333 IMLKCWHPK	198	154
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>MET-V1333 EVMLKCWHF	131	>MET-V1333 EIMLKCWHPK	100	31
>MET-V1333 EVMLKCWHF	77	>MET-V1333 EIMLKCWHPK	94	17
>MET-V1333 EVMLKCWHF	296	>MET-V1333 EIMLKCWHPK	266	30
>MET-V1333 EVMLKCWHF	85	>MET-V1333 EIMLKCWHPK	140	55
>MET-V1333 EVMLKCWHF	154	>MET-V1333 EIMLKCWHPK	640	486
>MET-V1333 EVMLKCWHF	97	>MET-V1333 EIMLKCWHPK	165	68
>MET-V1333 EVMLKCWHF	881	>MET-V1333 EIMLKCWHPK	320	561
>MET-V1333 PEYCPDPLYE	139	>MET-V1333 PEYCPDPLYE	52	87
>MET-V1333 YEVMKLCW	22	>MET-V1333 YEIMKLCW	29	7
>MET-V1333 YEVMKLCW	47	>MET-V1333 YEIMKLCW	51	4
>MET-V1333 YEVMKLCWH	83	>MET-V1333 YEIMKLCWH	92	9
>MET-V1333 YEVMKLCWH	338	>MET-V1333 YEIMKLCWH	225	113

>MET-V1333 YEVMLKCW	74	>MET-V1333 YEIMLKCW	61	13
>MET-V1333 YEVMLKCW	30	>MET-V1333 YEIMLKCW	23	7
>MET-V1333 YEVMLKCVH	1355	>MET-V1333 YEIMLKCVH	334	1021
>MET-V1333 YEVMLKCVH	984	>MET-V1333 YEIMLKCVH	474	510
>MET-V1333 YEVMLKCV	366	>MET-V1333 YEIMLKCV	269	97
>MET-V1333 LYEVMLKCV	348	>MET-V1333 LYEIMLKCV	717	369
>MET-V1333 PLYEVMLKC	30	>MET-V1333 PLYEIMLK	90	60
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>MET-V1333 PLYEVMLK	41	>MET-V1333 PLYEIMLK	43	2
>MET-V1333 PLYEVMLK	133	>MET-V1333 PLYEIMLK	139	6
>MET-V1333 DPLYEVMLKC	58	>MET-V1333 DPLYEIMLK	64	6
>MET-V1333 DPLYEVML	241	>MET-V1333 DPLYEIML	409	168
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>MET-V1333 CPDPLYEVM	95	>MET-V1333 CPDPLYEIM	148	53
>MET-V1333 CPDPLYEV	990	>MET-V1333 CPDPLYEI	495	495
>MET-V1333 CPDPLYEV	858	>MET-V1333 CPDPLYEI	98	760
>MET-V1333 CPDPLYEVM	285	>MET-V1333 CPDPLYEIM	241	44
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>MET-V1333 YCPDPLYEVM	250	>MET-V1333 YCPDPLYEIM	385	135
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>MET-V1333 YCPDPLYEV	118	>MET-V1333 YCPDPLYEI	561	443
>MET-V1333 YCPDPLYEV	427	>MET-V1333 YCPDPLYEI	1859	1432
>MET-V1333 YCPDPLYEV	6	>MET-V1333 YCPDPLYEI	42	36
>MET-V1333 YCPDPLYEVM	290	>MET-V1333 YCPDPLYEIM	243	47
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>MET-V1333 YCPDPLYEV	81	>MET-V1333 YCPDPLYEI	37	44
>MET-V1333 YCPDPLYEVM	29	>MET-V1333 YCPDPLYEIM	16	13
>MET-V1333 YCPDPLYEVM	36	>MET-V1333 YCPDPLYEIM	26	10
>MET-V1333 EYCPDPLYEV	867	>MET-V1333 EYCPDPLYEI	44	823
>MET-V1333 EYCPDPLYEVM	309	>MET-V1333 EYCPDPLYEIM	632	323
>MET-V1333 EYCPDPLYEVM	283	>MET-V1333 EYCPDPLYEIM	388	105
>MET-V1333 EYCPDPLYEV	115	>MET-V1333 EYCPDPLYEI	280	165
>MET-V1333 EYCPDPLYEV	336	>MET-V1333 EYCPDPLYEI	607	271
>MET-V136I-VNRGTCQRH	177	>MET-V136I-INRGTCQRH	76	101
>MET-V136I-VNRGTCQRH	205	>MET-V136I-INRGTCQRH	121	84
>MET-V136I-SVNRGTCQRH	184	>MET-V136I-SINRGTCQRH	64	120
>MET-V136I-SVNRGTCQRH	317	>MET-V136I-SINRGTCQRH	104	213

>MET-V136I-SVNRGTCQRI	200	>MET-V136I-SINRGTCQRH	82	118
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>MET-V136I-SVNRGTCQR	61	>MET-V136I-SINRGTCQR	166	105
>MET-V136I-SVNRGTCQR	23	>MET-V136I-SINRGTCQR	33	10
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>MET-V136I-YDDQLISCGS'	1148	>MET-V136I-YDDQLISCGS'	190	958
>MET-V136I-YDDQLISCGS'	1094	>MET-V136I-YDDQLISCGS'	245	849
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>MET-V136I-GSVNRGTCQ	318	>MET-V136I-GSINRGTCQF	126	192
>MET-V136I-GSVNRGTCQ	989	>MET-V136I-GSINRGTCQF	411	578
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>MET-V136I-ISCGSVNR	789	>MET-V136I-ISCGSINR	399	390
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>MET-V136I-QLISCGSV	154	>MET-V136I-QLISCGSI	724	570
>MET-V136I-QLISCGSV	34	>MET-V136I-QLISCGSI	135	101
>MET-V136I-QLISCGSV	8	>MET-V136I-QLISCGSI	28	20
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>MET-V136I-QLISCGSV	287	>MET-V136I-QLISCGSI	4902	4615
>MET-V136I-QLISCGSV	445	>MET-V136I-QLISCGSI	5868	5423
>MET-V136I-QLISCGSV	5	>MET-V136I-QLISCGSI	346	341
>MET-V136I-QLISCGSVNR	342	>MET-V136I-QLISCGSINR	289	53
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>MET-V136I-DQLISCGSV	528	>MET-V136I-DQLISCGSI	53	475
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>MET-V370DYVNDFFNKI	13	>MET-V370DYDNDFFNKI	1772	1759
>MET-V370DYVNDFFNKIV	277	>MET-V370DYDNDFFNKIV	10887	10610
>MET-V370DYVNDFFNKI	13	>MET-V370DYDNDFFNKI	6794	6781
>MET-V370DYVNDFFNKIV	83	>MET-V370DYDNDFFNKIV	12747	12664
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>MET-V370DYVNDFFNKI	442	>MET-V370DYDNDFFNKI	19059	18617
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>MET-V370DYVNDFFNKI	3112	>MET-V370DYDNDFFNKI	168	2944
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>MET-V370DYVNDFFNKIV	25732	>MET-V370DYDNDFFNKIV	362	25370
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>MET-V370DSAMCAFPIKY	391	>MET-V370DSAMCAFPIKY	26305	25914
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>MET-V370DKYVNDFFNKI	98	>MET-V370KYDNDFFNKI	2048	1950
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>MET-V370DKYVNDFFNKI	383	>MET-V370DKYDNDFFNKI	3107	2724
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>MET-V370DKYVNDFFNKI	7	>MET-V370DKYDNDFFNKI	14	7
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>MET-V370D CAFPIKYV	287	>MET-V370D CAFPIKYD	23104	22817
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>MET-Y1021 NESVDYRA	51	>MET-Y1021 NESVDNRA	171	120
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>MET-Y1248 MYDKEYYSV	284	>MET-Y1248 MCDKEYYSV	393	109
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>MET-Y1248 MYDKEYYSV	41	>MET-Y1248 MCDKEYYSV	21074	21033
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>MET-Y1248 MYDKEYYSV	435	>MET-Y1248 MCDKEYYSV	11701	11266
>MET-Y1248 VADFLGARDI	82	>MET-Y1248 VADFLGARDI	20575	20493
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>MET-Y1248 VADFLARDI	340	>MET-Y1248 VADFLARDI	23640	23300
>MET-Y1248 DMYDKEYYS\	37	>MET-Y1248 DMCDKEYYS\	179	142
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>MET-Y1248 DMYDKEYYS\	324	>MET-Y1248 DMCDKEYYS\	1357	1033
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>MET-Y1248 LARDMYDKE'	449	>MET-Y1248 LARDMCDKE'	532	83
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>MET-Y1248 LARDMYDKE'	303	>MET-Y1248 LARDMCDKE'	311	8
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>MET-Y1248 LARDMYDKE'	353	>MET-Y1248 LARDMCDKE'	648	295
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>MET-Y1248 GLARDMYDK	376	>MET-Y1248 GLARDMCDK	358	18
>MET-Y1248 GLARDMYDK	142	>MET-Y1248 GLARDMCDK	865	723
>MET-Y1248 GLARDMYDK	115	>MET-Y1248 GLARDMCDK	410	295
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>MET-Y1248 FGLARDMY	339	>MET-Y1248 FGLARDMC	25944	25605
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>MET-Y1248 MYDKEYYSV	284	>MET-Y1248 MHDKEYYSV	2717	2433
>MET-Y1248 MYDKEYYSV	454	>MET-Y1248 MHDKEYYSV	3439	2985
>MET-Y1248 MYDKEYYSV	391	>MET-Y1248 MHDKEYYSV	11600	11209

>MET-Y1248 MYDKEYYSV	41	>MET-Y1248 MHDKEYYSV	15670	15629
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>MET-Y1248 VADFLGARDI	82	>MET-Y1248 VADFLGARDI	16600	16518
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>MET-Y1248 DMYDKEYYS\	37	>MET-Y1248 DMHDKEYYS'	415	378
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>MET-Y1248 DMYDKEYY	24	>MET-Y1248 DMHDKEYY	90	66
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>MET-Y1248 DMYDKEYYS\	73	>MET-Y1248 DMHDKEYYS'	974	901
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>MET-Y1248 ARDMYDKEY	416	>MET-Y1248 ARDMHDKEY	998	582
>MET-Y1248 LARDMYDKE'	449	>MET-Y1248 LARDMHDKE	399	50
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>MET-Y1248 LARDMYDKE'	303	>MET-Y1248 LARDMHDKE	226	77
>MET-Y1248 LARDMYDKE'	305	>MET-Y1248 LARDMHDKE	244	61
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>MET-Y1248 LARDMYDKE'	14	>MET-Y1248 LARDMHDKE	11	3
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>MET-Y1248 LARDMYDKE'	84	>MET-Y1248 LARDMHDKE	70	14
>MET-Y1248 GLARDMYDK	376	>MET-Y1248 GLARDMHDK	323	53
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>MET-Y1248 GLARDMYDK	214	>MET-Y1248 GLARDMHDK	247	33
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>MET-Y1253 YSVHNKTGAI	222	>MET-Y1253 DSVHNKTGAI	9702	9480
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>MET-Y1253 LARDMYDKE'	449	>MET-Y1253 LARDMYDKE'	26918	26469
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>MET-Y1253 LARDMYDKE'	78	>MET-Y1253 LARDMYDKE'	21799	21721
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>MET-Y1253 EYYSVHNK	165	>MET-Y1253 EYDSVHNK	4343	4178
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>MET-Y1253 EYYSVHNK	12	>MET-Y1253 EYDSVHNK	204	192
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>MET-Y1253 KEYYSVHNK	399	>MET-Y1253 KEYDSVHNK	692	293
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>MET-Y1253 MYDKEYYSV	41	>MET-Y1253 MYDKEYDSV	52	11
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>MET-Y1253 DMYDKEYYS\	37	>MET-Y1253 DMYDKEYDS'	359	322
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>MET-Y1253 DMYDKEYYS\	132	>MET-Y1253 DMYDKEYDS'	651	519
>MET-Y1253 DMYDKEYYS	179	>MET-Y1253 DMYDKEYDS	8171	7992
>MET-Y1253 DMYDKEYYS\	3	>MET-Y1253 DMYDKEYDS'	6	3
>MET-Y1253 DMYDKEYYS\	5	>MET-Y1253 DMYDKEYDS'	33	28
>MET-Y1253 DMYDKEYYS\	8	>MET-Y1253 DMYDKEYDS'	13	5
>MET-Y1253 DMYDKEYYS\	4	>MET-Y1253 DMYDKEYDS'	23	19
>MET-Y1253 DMYDKEYYS\	4	>MET-Y1253 DMYDKEYDS'	8	4
>MET-Y1253 DMYDKEYY	24	>MET-Y1253 DMYDKEYD	20133	20109
>MET-Y1253 DMYDKEYY	168	>MET-Y1253 DMYDKEYD	31228	31060
>MET-Y1253 DMYDKEYY	482	>MET-Y1253 DMYDKEYD	20497	20015
>MET-Y1253 DMYDKEYYS\	324	>MET-Y1253 DMYDKEYDS'	629	305
>MET-Y1253 DMYDKEYYS\	73	>MET-Y1253 DMYDKEYDS'	271	198
>MET-Y1253 DMYDKEYY	383	>MET-Y1253 DMYDKEYD	32436	32053
>MET-Y1253 RDMYDKEYY!	201	>MET-Y1253 RDMYDKEYD	226	25
>MET-Y1253 RDMYDKEYY!	320	>MET-Y1253 RDMYDKEYD	505	185
>MET-Y1253 ARDMYDKEY	416	>MET-Y1253 ARDMYDKEY	16196	15780

>MITF-N3231 ENCSQDLL	14173	>MITF-N3231 ETCSQDLL	76	14097
>MITF-N3231 ENCSQDLLQH	11342	>MITF-N3231 ETCSQDLLQH	124	11218
>MITF-N3231 ENCSQDLLQH	7508	>MITF-N3231 ETCSQDLLQH	55	7453
>MITF-N3231 ENCSQDLLQ	14504	>MITF-N3231 ETCSQDLLQ	436	14068
>MITF-N3231 ENCSQDLL	9571	>MITF-N3231 ETCSQDLL	124	9447
>MITF-N3231 LENCSDLL	147	>MITF-N3231 LETCSQDLL	155	8
>MITF-N3231 LENCSDQL	119	>MITF-N3231 LETCSQDL	53	66
>MITF-N3231 LENCSDLL	54	>MITF-N3231 LETCSQDLL	25	29
>MITF-N3231 LENCSDQL	203	>MITF-N3231 LETCSQDL	297	94
>MITF-N3231 LENCSDLL	357	>MITF-N3231 LETCSQDLL	526	169
>MITF-N3231 LENCSDLL	252	>MITF-N3231 LETCSQDLL	155	97
>MITF-N3231 VLENCSDQL	351	>MITF-N3231 VLETCSQDL	340	11
>MITF-N3231 VLENCSDLL	130	>MITF-N3231 VLETCSQDLL	198	68
>MITF-N3231 VLENCSDQL	275	>MITF-N3231 VLETCSQDL	793	518
>MITF-N3231 VLENCSDLL	181	>MITF-N3231 VLETCSQDLL	475	294
>MITF-N3231 VLENCSDQL	14	>MITF-N3231 VLETCSQDL	27	13
>MITF-N3231 VLENCSDLL	26	>MITF-N3231 VLETCSQDLL	41	15
>MITF-N3231 EPVLENCSD	354	>MITF-N3231 EPVLETCSQD	213	141
>MITF-N3231 EPVLENCSD	464	>MITF-N3231 EPVLETCSQD	488	24
>MITF-N3231 KQEPVLEN	9823	>MITF-N3231 KQEPVLET	316	9507
>MITF-N3231 KQEPVLENC	397	>MITF-N3231 KQEPVLETC	92	305
>MITF-R270L RQKKLEHANF	324	>MITF-R270L LQKKLEHANF	4792	4468
>MITF-R270L RQKKLEHANF	15	>MITF-R270L LQKKLEHANF	55	40
>MITF-R270L RQKKLEHA	284	>MITF-R270L LQKKLEHA	312	28
>MITF-R270L RQKKLEHANF	286	>MITF-R270L LQKKLEHANF	876	590
>MITF-R270L RQKKLEHANF	71	>MITF-R270L LQKKLEHANF	388	317
>MITF-R270L NRQKKLEHAI	12279	>MITF-R270L NLQKKLEHAN	215	12064
>MITF-R270L NRQKKLEHAI	5639	>MITF-R270L NLQKKLEHAN	147	5492
>MITF-R270L LENRQKKL	777	>MITF-R270L LENLQKKL	69	708
>MITF-R270L KELENRQKKL	349	>MITF-R270L KELENLQKKL	250	99
>MITF-R270L KELENRQKK	1059	>MITF-R270L KELENLQKK	241	818
>MITF-R270L KELENRQKKL	38	>MITF-R270L KELENLQKKL	19	19
>MITF-R270L RAKELENRQK	3385	>MITF-R270L RAKELENLQK	328	3057
>MITF-R270L RAKELENRQK	9	>MITF-R270L RAKELENLQK	7	2
>MITF-R270L RAKELENRQK	8	>MITF-R270L RAKELENLQK	8	0
>MITF-R270L RAKELENR	18	>MITF-R270L RAKELENL	8889	8871
>MITF-R270L RAKELENRQK	206	>MITF-R270L RAKELENLQK	280	74
>MITF-R270L RAKELENR	18150	>MITF-R270L RAKELENL	122	18028
>MITF-R270L QRAKELENRC	287	>MITF-R270L QRAKELENLC	214	73
>MITF-R270L QQRAKELENI	2183	>MITF-R270L QQRAKELENI	166	2017
>MKL1-L39V·LVRMHILE	380	>MKL1-L39V·VVRMHILE	877	497
>MKL1-L39V·ELVRMHIL	47	>MKL1-L39V·EVVRMHIL	5327	5280
>MKL1-L39V·ELVRMHIL	150	>MKL1-L39V·EVVRMHIL	7	143

>MKL1-L39V·ELVRMHILEE'	5568	>MKL1-L39V·EVVRMHILEE	237	5331
>MKL1-L39V·ELVRMHIL	1615	>MKL1-L39V·EVVRMHIL	61	1554
>MKL1-L39V·ELVRMHILEE'	2478	>MKL1-L39V·EVVRMHILEE	189	2289
>MKL1-L39V·ELVRMHIL	875	>MKL1-L39V·EVVRMHIL	164	711
>MKL1-L39V·KIRSRPERSEL	1081	>MKL1-L39V·KIRSRPERSEV	84	997
>MKL1-L39V·KIRSRPERSEL	1327	>MKL1-L39V·KIRSRPERSEV	47	1280
>MKL1-L39V·KIRSRPERSEL	20	>MKL1-L39V·KIRSRPERSEV	15	5
>MKL1-L39V·KIRSRPERSEL	364	>MKL1-L39V·KIRSRPERSEV	2304	1940
>MKL1-L39V·KIRSRPERSEL	451	>MKL1-L39V·KIRSRPERSEV	1436	985
>MKL1-L39V·KIRSRPERSEL	427	>MKL1-L39V·KIRSRPERSEV	1191	764
>MKL1-L39V·SELVRMHI	53	>MKL1-L39V·SEVVRMHI	71	18
>MKL1-L39V·SELVRMHIL	21	>MKL1-L39V·SEVVRMHIL	57	36
>MKL1-L39V·SELVRMHIL	393	>MKL1-L39V·SEVVRMHIL	484	91
>MKL1-L39V·SELVRMHIL	304	>MKL1-L39V·SEVVRMHIL	281	23
>MKL1-L39V·SELVRMHIL	129	>MKL1-L39V·SEVVRMHIL	63	66
>MKL1-L39V·SELVRMHI	475	>MKL1-L39V·SEVVRMHI	1011	536
>MKL1-L39V·SELVRMHIL	92	>MKL1-L39V·SEVVRMHIL	203	111
>MKL1-L39V·SELVRMHI	34	>MKL1-L39V·SEVVRMHI	109	75
>MKL1-L39V·SELVRMHIL	28	>MKL1-L39V·SEVVRMHIL	38	10
>MKL1-L39V·RSELVRMHI	162	>MKL1-L39V·RSEVVRMHI	95	67
>MKL1-L39V·RSELVRMHIL	84	>MKL1-L39V·RSEVVRMHIL	74	10
>MKL1-L39V·RSELVRMHI	760	>MKL1-L39V·RSEVVRMHI	237	523
>MKL1-L39V·RSELVRMHIL	464	>MKL1-L39V·RSEVVRMHIL	583	119
>MKL1-L39V·RSELVRMH	492	>MKL1-L39V·RSEVVRMH	338	154
>MKL1-L39V·RSELVRMHI	73	>MKL1-L39V·RSEVVRMHI	46	27
>MKL1-L39V·ERSELVRMHI	67	>MKL1-L39V·ERSEVVRMHI	57	10
>MKL1-L39V·ERSELVRMHI	254	>MKL1-L39V·ERSEVVRMHI	412	158
>MKL1-L39V·PERSELVRM	298	>MKL1-L39V·PERSEVVRM	428	130
>MKL1-L39V·PERSELVRM	51	>MKL1-L39V·PERSEVVRM	54	3
>MKL1-L39V·RPERSELVRM	345	>MKL1-L39V·RPERSEVVRM	227	118
>MKL1-L39V·RPERSELV	307	>MKL1-L39V·RPERSEVV	74	233
>MKL1-L39V·RPERSELVRM	407	>MKL1-L39V·RPERSEVVRM	1331	924
>MKL1-L39V·RSRPERSEL	7	>MKL1-L39V·RSRPERSEV	6	1
>MKL1-L39V·RSRPERSELV	9	>MKL1-L39V·RSRPERSEVV	11	2
>MKL1-L39V·RSRPERSELVI	9	>MKL1-L39V·RSRPERSEVV	11	2
>MKL1-L39V·RSRPERSELVI	35	>MKL1-L39V·RSRPERSEVV	17	18
>MKL1-L39V·RSRPERSEL	96	>MKL1-L39V·RSRPERSEV	912	816
>MKL1-L39V·RSRPERSEL	75	>MKL1-L39V·RSRPERSEV	169	94
>MKL1-L39V·RSRPERSELV	862	>MKL1-L39V·RSRPERSEVV	280	582
>MKL1-L39V·RSRPERSELVI	593	>MKL1-L39V·RSRPERSEVV	360	233
>MKL1-L39V·RSRPERSEL	4	>MKL1-L39V·RSRPERSEV	14	10
>MKL1-L39V·RSRPERSELV	36	>MKL1-L39V·RSRPERSEVV	33	3
>MKL1-L39V·RSRPERSELVI	489	>MKL1-L39V·RSRPERSEVV	855	366

>MKL1-L39V·RSRPERSEL	353	>MKL1-L39V·RSRPERSEV	2094	1741
>MKL1-L39V·RSRPERSEL	16	>MKL1-L39V·RSRPERSEV	46	30
>MKL1-L39V·RSRPERSELV	163	>MKL1-L39V·RSRPERSEVV	249	86
>MKL1-L39V·RSRPERSEL	166	>MKL1-L39V·RSRPERSEV	1214	1048
>MKL1-L39V·IRSRPERSEL	131	>MKL1-L39V·IRSRPERSEV	276	145
>MKL1-L39V·IRSRPERSELV	1120	>MKL1-L39V·IRSRPERSEVV	450	670
>MLH1-A410QAIVTEDK	1775	>MLH1-A410QTIVTEDK	220	1555
>MLH1-A410QAIVTEDK	156	>MLH1-A410QTIVTEDK	27	129
>MLH1-A410QAIVTEDK	2166	>MLH1-A410QTIVTEDK	303	1863
>MLH1-A410LSKPLSSQPQ	39	>MLH1-A410LSKPLSSQPQ	1202	1163
>MLH1-A410LSSQPQAI	156	>MLH1-A410LSSQPQTI	66	90
>MLH1-A410LSSQPQAI	561	>MLH1-A410LSSQPQTI	126	435
>MLH1-A410LSSQPQAI	479	>MLH1-A410LSSQPQTI	2090	1611
>MLH1-A410LSSQPQAI	240	>MLH1-A410LSSQPQTI	89	151
>MLH1-A410LSSQPQAI	24	>MLH1-A410LSSQPQTI	15	9
>MLH1-A410PLSSQPQAI	426	>MLH1-A410PLSSQPQTI	291	135
>MLH1-A410PLSSQPQAI	151	>MLH1-A410PLSSQPQTI	285	134
>MLH1-A410PLSSQPQAI	149	>MLH1-A410PLSSQPQTI	115	34
>MLH1-A410PLSSQPQAI	56	>MLH1-A410PLSSQPQTI	174	118
>MLH1-A410PLSSQPQA	91	>MLH1-A410PLSSQPQT	869	778
>MLH1-A410PLSSQPQAI	434	>MLH1-A410PLSSQPQTI	123	311
>MLH1-A410PLSSQPQAI	14	>MLH1-A410PLSSQPQTI	14	0
>MLH1-A410KPLSSQPQAI	180	>MLH1-A410KPLSSQPQTI	111	69
>MLH1-A410KPLSSQPQAI	494	>MLH1-A410KPLSSQPQTI	281	213
>MLH1-A410KPLSSQPQAI	303	>MLH1-A410KPLSSQPQTI	454	151
>MLH1-A410KPLSSQPQAI	268	>MLH1-A410KPLSSQPQTI	204	64
>MLH1-A410KPLSSQPQA	182	>MLH1-A410KPLSSQPQT	5060	4878
>MLH1-A410SKPLSSQPQA	164	>MLH1-A410SKPLSSQPQT	301	137
>MLH1-A681AMFYSIRKQY	218	>MLH1-A681VMFYSIRKQY	66	152
>MLH1-A681AMFYSIRKQY	55	>MLH1-A681VMFYSIRKQY	72	17
>MLH1-A681AMFYSIRKQY	33	>MLH1-A681VMFYSIRKQY	71	38
>MLH1-A681AMFYSIRKQY	29	>MLH1-A681VMFYSIRKQY	39	10
>MLH1-A681AMFYSIRKQY	366	>MLH1-A681VMFYSIRKQY	453	87
>MLH1-A681AMFYSIRKQY	4	>MLH1-A681VMFYSIRKQY	4	0
>MLH1-A681AMFYSIRKQY	35	>MLH1-A681VMFYSIRKQY	37	2
>MLH1-A681AMFYSIRKQY	32	>MLH1-A681VMFYSIRKQY	29	3
>MLH1-A681AMFYSIRKQY	484	>MLH1-A681VMFYSIRKQY	210	274
>MLH1-A681AMFYSIRKQY	20	>MLH1-A681VMFYSIRKQY	23	3
>MLH1-A681AMFYSIRK	28	>MLH1-A681VMFYSIRK	28	0
>MLH1-A681AMFYSIRKQY	109	>MLH1-A681VMFYSIRKQY	331	222
>MLH1-A681AMFYSIRK	8	>MLH1-A681VMFYSIRK	11	3
>MLH1-A681AMFYSIRKQY	25	>MLH1-A681VMFYSIRKQY	29	4
>MLH1-A681AMFYSIRK	28	>MLH1-A681VMFYSIRK	261	233

>MLH1-A681 AMFY S IRKQY	319	>MLH1-A681 VMFY S IRKQY	2484	2165
>MLH1-A681 AMFY S IRKQY	43	>MLH1-A681 VMFY S IRKQY	39	4
>MLH1-A681 AMFY S IRK	116	>MLH1-A681 VMFY S IRK	218	102
>MLH1-A681 AMFY S IRKQY	240	>MLH1-A681 VMFY S IRKQY	882	642
>MLH1-A681 AMFY S IRKQY	187	>MLH1-A681 VMFY S IRKQY	669	482
>MLH1-A681 AMFY S IRK	348	>MLH1-A681 VMFY S IRK	186	162
>MLH1-A681 AMFY S IRKQY	55	>MLH1-A681 VMFY S IRKQY	66	11
>MLH1-A681 AMFY S IRKQY	96	>MLH1-A681 VMFY S IRKQY	77	19
>MLH1-A681 AMFY S IRK	143	>MLH1-A681 VMFY S IRK	208	65
>MLH1-A681 AMFY S IRKQ	245	>MLH1-A681 VMFY S IRKQ	403	158
>MLH1-A681 AMFY S IRKQY	4	>MLH1-A681 VMFY S IRKQY	4	0
>MLH1-A681 AMFY S IRKQY	16	>MLH1-A681 VMFY S IRKQY	22	6
>MLH1-A681 AMFY S IRKQY	41	>MLH1-A681 VMFY S IRKQY	56	15
>MLH1-A681 AMFY S IRK	133	>MLH1-A681 VMFY S IRK	1234	1101
>MLH1-A681 CAMFY S IRK	119	>MLH1-A681 CVMFY S IRK	47	72
>MLH1-A681 CAMFY S IR	349	>MLH1-A681 CVMFY S IR	56	293
>MLH1-A681 CAMFY S IRK	15	>MLH1-A681 CVMFY S IRK	12	3
>MLH1-A681 CAMFY S IRKQ	1299	>MLH1-A681 CVMFY S IRKQ	287	1012
>MLH1-A681 CAMFY S IRKQ	7475	>MLH1-A681 CVMFY S IRKQ	292	7183
>MLH1-A681 CAMFY S IRKQ	494	>MLH1-A681 CVMFY S IRKQ	67	427
>MLH1-A681 CAMFY S IRK	172	>MLH1-A681 CVMFY S IRK	49	123
>MLH1-A681 CAMFY S IRKQ	716	>MLH1-A681 CVMFY S IRKQ	381	335
>MLH1-A681 CAMFY S IR	56	>MLH1-A681 CVMFY S IR	46	10
>MLH1-A681 CAMFY S IR	188	>MLH1-A681 CVMFY S IR	156	32
>MLH1-A681 CAMFY S IR	16	>MLH1-A681 CVMFY S IR	15	1
>MLH1-A681 CAMFY S IRK	37	>MLH1-A681 CVMFY S IRK	30	7
>MLH1-A681 CAMFY S IRKQ	81	>MLH1-A681 CVMFY S IRKQ	568	487
>MLH1-A681 CAMFY S IRKQ	156	>MLH1-A681 CVMFY S IRKQ	778	622
>MLH1-A681 CAMFY S IRKQ	587	>MLH1-A681 CVMFY S IRKQ	246	341
>MLH1-A681 CAMFY S IR	710	>MLH1-A681 CVMFY S IR	414	296
>MLH1-A681 ECFESLSKECA	869	>MLH1-A681 ECFESLSKECV	56	813
>MLH1-A681 ECFESLSKECA	4205	>MLH1-A681 ECFESLSKECV	231	3974
>MLH1-A681 ECAMFY S IR	377	>MLH1-A681 ECVMFY S IR	240	137
>MLH1-A681 ECAMFY S IR	41	>MLH1-A681 ECVMFY S IR	65	24
>MLH1-A681 ECAMFY S IRK	282	>MLH1-A681 ECVMFY S IRK	567	285
>MLH1-A681 ECAMFY S I	36	>MLH1-A681 ECVMFY S I	111	75
>MLH1-A681 ECAMFY S I	251	>MLH1-A681 ECVMFY S I	460	209
>MLH1-A681 ECAMFY S IR	228	>MLH1-A681 ECVMFY S IR	166	62
>MLH1-A681 KECAMFY S I	24	>MLH1-A681 KECVMFY S I	22	2
>MLH1-A681 KECAMFY S IR	74	>MLH1-A681 KECVMFY S IR	106	32
>MLH1-A681 KECAMFY S I	63	>MLH1-A681 KECVMFY S I	190	127
>MLH1-A681 KECAMFY S I	414	>MLH1-A681 KECVMFY S I	521	107
>MLH1-A681 KECAMFY S I	21	>MLH1-A681 KECVMFY S I	35	14

>MLH1-A681 KECAMFYSI	14	>MLH1-A681 KECVMFYSI	17	3
>MLH1-A681 KECAMFY	151	>MLH1-A681 KECVMFY	185	34
>MLH1-A681 KECAMFYSI	45	>MLH1-A681 KECVMFYSI	70	25
>MLH1-A681 KECAMFYSI	7	>MLH1-A681 KECVMFYSI	7	0
>MLH1-A681 KECAMFY	42	>MLH1-A681 KECVMFY	80	38
>MLH1-A681 KECAMFY	281	>MLH1-A681 KECVMFY	921	640
>MLH1-A681 SKECAMFY	635	>MLH1-A681 SKECAMFY	430	205
>MLH1-A681 SKECAMFY	228	>MLH1-A681 SKECAMFY	284	56
>MLH1-A681 LSKECAMFY	185	>MLH1-A681 LSKECAMFY	325	140
>MLH1-A681 LSKECAMFY	3488	>MLH1-A681 LSKECAMFY	460	3028
>MLH1-A681 LSKECAMFY	132	>MLH1-A681 LSKECAMFY	392	260
>MLH1-A681 LSKECAMFY	228	>MLH1-A681 LSKECAMFY	158	70
>MLH1-A681 LSKECAMFY	186	>MLH1-A681 LSKECAMFY	171	15
>MLH1-A681 LSKECAMFY	47	>MLH1-A681 LSKECAMFY	52	5
>MLH1-A681 LSKECAMFY	170	>MLH1-A681 LSKECAMFY	306	136
>MLH1-A681 LSKECAMF	107	>MLH1-A681 LSKECAMF	101	6
>MLH1-A681 LSKECAMFY	153	>MLH1-A681 LSKECAMFY	83	70
>MLH1-A681 LSKECAMF	34	>MLH1-A681 LSKECAMF	19	15
>MLH1-A681 LSKECAMFY	48	>MLH1-A681 LSKECAMFY	33	15
>MLH1-A681 LSKECAMFY	300	>MLH1-A681 LSKECAMFY	254	46
>MLH1-A681 LSKECAMF	6	>MLH1-A681 LSKECAMF	8	2
>MLH1-A681 LSKECAMFY	8	>MLH1-A681 LSKECAMFY	9	1
>MLH1-A681 LSKECAMFY	255	>MLH1-A681 LSKECAMFY	350	95
>MLH1-A681 LSKECAMF	345	>MLH1-A681 LSKECAMF	565	220
>MLH1-A681 LSKECAMFY	131	>MLH1-A681 LSKECAMFY	159	28
>MLH1-A681 LSKECAMFY	1049	>MLH1-A681 LSKECAMFY	339	710
>MLH1-A681 LSKECAMF	586	>MLH1-A681 LSKECAMF	365	221
>MLH1-A681 LSKECAMFY	429	>MLH1-A681 LSKECAMFY	447	18
>MLH1-A681 LSKECAMF	440	>MLH1-A681 LSKECAMF	237	203
>MLH1-A681 LSKECAMFY	15	>MLH1-A681 LSKECAMFY	35	20
>MLH1-A681 LSKECAMFY	44	>MLH1-A681 LSKECAMFY	57	13
>MLH1-A681 SLSKECAMFY	369	>MLH1-A681 SLSKECAMFY	402	33
>MLH1-A681 SLSKECAM	166	>MLH1-A681 SLSKECAM	448	282
>MLH1-A681 SLSKECAMFY	120	>MLH1-A681 SLSKECAMFY	105	15
>MLH1-A681 SLSKECAM	156	>MLH1-A681 SLSKECAM	186	30
>MLH1-A681 SLSKECAMFY	114	>MLH1-A681 SLSKECAMFY	134	20
>MLH1-A681 SLSKECAMFY	124	>MLH1-A681 SLSKECAMFY	133	9
>MLH1-A681 SLSKECAMFY	72	>MLH1-A681 SLSKECAMFY	118	46
>MLH1-A681 SLSKECAMFY	149	>MLH1-A681 SLSKECAMFY	138	11
>MLH1-A681 SLSKECAMFY	14	>MLH1-A681 SLSKECAMFY	15	1
>MLH1-A681 SLSKECAM	334	>MLH1-A681 SLSKECAM	370	36
>MLH1-A681 SLSKECAMF	118	>MLH1-A681 SLSKECAMF	193	75
>MLH1-A681 SLSKECAMFY	167	>MLH1-A681 SLSKECAMFY	135	32



>MLH1-A681 SLSKECAMF	139	>MLH1-A681 SLSKECVMF	52	87
>MLH1-A681 SLSKECAMFY	434	>MLH1-A681 SLSKECVMFY	264	170
>MLH1-A681 SLSKECAMF	269	>MLH1-A681 SLSKECVMF	868	599
>MLH1-A681 SLSKECAMFY	91	>MLH1-A681 SLSKECVMFY	132	41
>MLH1-A681 ESLSKECAM	295	>MLH1-A681 ESLSKECVM	617	322
>MLH1-A681 ESLSKECAMF	198	>MLH1-A681 ESLSKECVMF	801	603
>MLH1-A681 ESLSKECAMF	31	>MLH1-A681 ESLSKECVMF	17	14
>MLH1-A681 ESLSKECAMF	201	>MLH1-A681 ESLSKECVMF	194	7
>MLH1-A681 ESLSKECAMF	352	>MLH1-A681 ESLSKECVMF	391	39
>MLH1-A681 ESLSKECAMF	360	>MLH1-A681 ESLSKECVMF	365	5
>MLH1-A681 ESLSKECAMF	231	>MLH1-A681 ESLSKECVMF	137	94
>MLH1-A681 ESLSKECAM	195	>MLH1-A681 ESLSKECVM	227	32
>MLH1-A681 ESLSKECAMF	23	>MLH1-A681 ESLSKECVMF	39	16
>MLH1-A681 ESLSKECAMF	29	>MLH1-A681 ESLSKECVMF	32	3
>MLH1-A681 ESLSKECAMF	391	>MLH1-A681 ESLSKECVMF	527	136
>MLH1-A681 FESLSKECA	432	>MLH1-A681 FESLSKECV	16	416
>MLH1-A681 FESLSKECAM	106	>MLH1-A681 FESLSKECVM	89	17
>MLH1-A681 FESLSKECAM	114	>MLH1-A681 FESLSKECVM	169	55
>MLH1-A681 FESLSKECAM	136	>MLH1-A681 FESLSKECVM	72	64
>MLH1-A681 FESLSKECAM	100	>MLH1-A681 FESLSKECVM	96	4
>MLH1-A681 FESLSKECA	8063	>MLH1-A681 FESLSKECV	363	7700
>MLH1-A681 FESLSKECAM	381	>MLH1-A681 FESLSKECVM	230	151
>MLH1-A681 FESLSKECAM	341	>MLH1-A681 FESLSKECVM	391	50
>MLH1-A681 FESLSKECA	121	>MLH1-A681 FESLSKECV	595	474
>MLH1-A681 FESLSKECA	3836	>MLH1-A681 FESLSKECV	90	3746
>MLH1-A681 FESLSKECAM	293	>MLH1-A681 FESLSKECVM	410	117
>MLH1-A681 FESLSKECAM	359	>MLH1-A681 FESLSKECVM	290	69
>MLH1-C233 CEDKTLAF	2620	>MLH1-C233 REDKTLAF	401	2219
>MLH1-C233 CEDKTLAF	72	>MLH1-C233 REDKTLAF	334	262
>MLH1-C233 CEDKTLAF	552	>MLH1-C233 REDKTLAF	29	523
>MLH1-C233 CEDKTLAF	1244	>MLH1-C233 REDKTLAF	238	1006
>MLH1-C233 CEDKTLAFKN	499	>MLH1-C233 REDKTLAFKN	103	396
>MLH1-C233 CEDKTLAF	323	>MLH1-C233 REDKTLAF	1019	696
>MLH1-C233 CEDKTLAFKN	1658	>MLH1-C233 REDKTLAFKN	429	1229
>MLH1-C233 CEDKTLAF	623	>MLH1-C233 REDKTLAF	473	150
>MLH1-C233 CEDKTLAF	8160	>MLH1-C233 REDKTLAF	495	7665
>MLH1-C233 CEDKTLAFKN	3305	>MLH1-C233 REDKTLAFKN	42	3263
>MLH1-C233 GCEDKTLAFK	32109	>MLH1-C233 GREDKTLAFK	337	31772
>MLH1-C233 GCEDKTLAF	31866	>MLH1-C233 GREDKTLAF	87	31779
>MLH1-C233 GCEDKTLAFK	36499	>MLH1-C233 GREDKTLAFK	432	36067
>MLH1-C233 AVSRELIEIGC	23169	>MLH1-C233 AVSRELIEIGR	184	22985
>MLH1-C233 AVSRELIEIGC	41073	>MLH1-C233 AVSRELIEIGR	192	40881
>MLH1-C233 IGCEDKTLAFI	2865	>MLH1-C233 IGREDKTLAFI	48	2817

>MLH1-C233 IGCEDKTLAF	1105	>MLH1-C233 IGREDKTLAF	181	924
>MLH1-C233 IGCEDKTLAF	1358	>MLH1-C233 IGREDKTLAF	328	1030
>MLH1-C233 EIGCEDKTLAF	432	>MLH1-C233 EIGREDKTLAF	213	219
>MLH1-C233 IEIGCEDKTL	158	>MLH1-C233 IEIGREDKTL	540	382
>MLH1-C233 IEIGCEDKTL	57	>MLH1-C233 IEIGREDKTL	109	52
>MLH1-C233 ELIEIGCEDK	284	>MLH1-C233 ELIEIGREDK	453	169
>MLH1-C233 RELIEIGC	33714	>MLH1-C233 RELIEIGR	111	33603
>MLH1-C233 VSRELIEIGC	27296	>MLH1-C233 VSRELIEIGR	122	27174
>MLH1-C233 VSRELIEIGC	39586	>MLH1-C233 VSRELIEIGR	358	39228
>MLH1-E523 EMLHNHSFV	194	>MLH1-E523 DMLHNHSFV	850	656
>MLH1-E523 EMLHNHSFV	320	>MLH1-E523 DMLHNHSFV	2208	1888
>MLH1-E523 EMLHNHSFV	3	>MLH1-E523 DMLHNHSFV	7	4
>MLH1-E523 EMLHNHSFV	217	>MLH1-E523 DMLHNHSFV	879	662
>MLH1-E523 EMLHNHSFV	9	>MLH1-E523 DMLHNHSFV	25	16
>MLH1-E523 EMLHNHSFV	10	>MLH1-E523 DMLHNHSFV	15	5
>MLH1-E523 EMLHNHSFV	7	>MLH1-E523 DMLHNHSFV	14	7
>MLH1-E523 EMLHNHSFV	7	>MLH1-E523 DMLHNHSFV	18	11
>MLH1-E523 EMLHNHSF	493	>MLH1-E523 DMLHNHSF	827	334
>MLH1-E523 EMLHNHSF	198	>MLH1-E523 DMLHNHSF	1270	1072
>MLH1-E523 EMLHNHSF	204	>MLH1-E523 DMLHNHSF	494	290
>MLH1-E523 EMLHNHSFV	146	>MLH1-E523 DMLHNHSFV	753	607
>MLH1-E523 EMLHNHSFV	9	>MLH1-E523 DMLHNHSFV	35	26
>MLH1-E523 EMLHNHSF	143	>MLH1-E523 DMLHNHSF	1108	965
>MLH1-E523 EMLHNHSF	122	>MLH1-E523 DMLHNHSF	139	17
>MLH1-E523 EMLHNHSF	9	>MLH1-E523 DMLHNHSF	24	15
>MLH1-E523 EMLHNHSFV	279	>MLH1-E523 DMLHNHSFV	1250	971
>MLH1-E523 EMLHNHSF	340	>MLH1-E523 DMLHNHSF	567	227
>MLH1-E523 REMLHNHSF'	39	>MLH1-E523 RDMLHNHSF	1644	1605
>MLH1-E523 REMLHNHSF	130	>MLH1-E523 RDMLHNHSF	566	436
>MLH1-E523 REMLHNHSF	121	>MLH1-E523 RDMLHNHSF	1334	1213
>MLH1-E523 REMLHNHSF	21	>MLH1-E523 RDMLHNHSF	170	149
>MLH1-E523 REMLHNHSF	15	>MLH1-E523 RDMLHNHSF	2484	2469
>MLH1-E523 REMLHNHSF	25	>MLH1-E523 RDMLHNHSF	10322	10297
>MLH1-E523 REMLHNHSF	25	>MLH1-E523 RDMLHNHSF	100	75
>MLH1-E523 REMLHNHSF'	185	>MLH1-E523 RDMLHNHSF	18748	18563
>MLH1-E523 REMLHNHSF	133	>MLH1-E523 RDMLHNHSF	3938	3805
>MLH1-E523 REMLHNHSF	80	>MLH1-E523 RDMLHNHSF	7990	7910
>MLH1-E523 REMLHNHS	264	>MLH1-E523 RDMLHNHS	22485	22221
>MLH1-E523 REMLHNHSF	365	>MLH1-E523 RDMLHNHSF	24011	23646
>MLH1-E523 REMLHNHSF'	142	>MLH1-E523 RDMLHNHSF	18482	18340
>MLH1-E523 REMLHNHSF	18	>MLH1-E523 RDMLHNHSF	301	283
>MLH1-E523 REMLHNHSF'	12	>MLH1-E523 RDMLHNHSF	360	348
>MLH1-E523 REMLHNHSF'	198	>MLH1-E523 RDMLHNHSF	2870	2672

>MLH1-E523 REMLHNHSF'	7451	>MLH1-E523 RDMLHNHSF	154	7297
>MLH1-E523 LREMLHNHSI	202	>MLH1-E523 LRDMLHNHS	302	100
>MLH1-E523 LREMLHNHSI	637	>MLH1-E523 LRDMLHNHS	475	162
>MLH1-E523 VLREMLHNH	776	>MLH1-E523 VLRDMLHNH	317	459
>MLH1-E523 VLREMLHNH	230	>MLH1-E523 VLRDMLHNH	86	144
>MLH1-E523 VLREMLHNH	567	>MLH1-E523 VLRDMLHNH	379	188
>MLH1-E523 VLREMLHNH	377	>MLH1-E523 VLRDMLHNH	1004	627
>MLH1-E523 VLREMLHNH	69	>MLH1-E523 VLRDMLHNH	58	11
>MLH1-E523 VLREMLHNH	171	>MLH1-E523 VLRDMLHNH	273	102
>MLH1-E523 VLREMLHNH	50	>MLH1-E523 VLRDMLHNH	60	10
>MLH1-E523 VLREMLHNH	101	>MLH1-E523 VLRDMLHNH	79	22
>MLH1-E523 EVLREMLHN	514	>MLH1-E523 EVLRDMLHN	203	311
>MLH1-E523 EVLREMLHNI	15	>MLH1-E523 EVLRDMLHN	10	5
>MLH1-E523 EVLREMLHNI	667	>MLH1-E523 EVLRDMLHN	370	297
>MLH1-E523 HEVLREML	45	>MLH1-E523 HEVLRDML	92	47
>MLH1-E523 HEVLREML	27	>MLH1-E523 HEVLRDML	29	2
>MLH1-E523 HEVLREML	82	>MLH1-E523 HEVLRDML	80	2
>MLH1-E523 NEQGHEVLRI	101	>MLH1-E523 NEQGHEVLRI	323	222
>MLH1-E523 EMLHNHSFV	1061	>MLH1-E523 KMLHNHSFV	39	1022
>MLH1-E523 EMLHNHSFV	2285	>MLH1-E523 KMLHNHSFV	23	2262
>MLH1-E523 EMLHNHSFV	511	>MLH1-E523 KMLHNHSFV	20	491
>MLH1-E523 EMLHNHSFV	194	>MLH1-E523 KMLHNHSFV	9	185
>MLH1-E523 EMLHNHSF	6963	>MLH1-E523 KMLHNHSF	313	6650
>MLH1-E523 EMLHNHSFV	320	>MLH1-E523 KMLHNHSFV	11	309
>MLH1-E523 EMLHNHSFV	3520	>MLH1-E523 KMLHNHSFV	212	3308
>MLH1-E523 EMLHNHSF	2371	>MLH1-E523 KMLHNHSF	138	2233
>MLH1-E523 EMLHNHSFV	3	>MLH1-E523 KMLHNHSFV	2	1
>MLH1-E523 EMLHNHSFV	4740	>MLH1-E523 KMLHNHSFV	380	4360
>MLH1-E523 EMLHNHSFV	217	>MLH1-E523 KMLHNHSFV	18	199
>MLH1-E523 EMLHNHSF	5254	>MLH1-E523 KMLHNHSF	402	4852
>MLH1-E523 EMLHNHSFV	9	>MLH1-E523 KMLHNHSFV	3	6
>MLH1-E523 EMLHNHSFV	915	>MLH1-E523 KMLHNHSFV	26	889
>MLH1-E523 EMLHNHSFV	10	>MLH1-E523 KMLHNHSFV	5	5
>MLH1-E523 EMLHNHSFV	7	>MLH1-E523 KMLHNHSFV	4	3
>MLH1-E523 EMLHNHSFV	7	>MLH1-E523 KMLHNHSFV	3	4
>MLH1-E523 EMLHNHSFV	2328	>MLH1-E523 KMLHNHSFV	245	2083
>MLH1-E523 EMLHNHSF	493	>MLH1-E523 KMLHNHSF	103	390
>MLH1-E523 EMLHNHSF	1898	>MLH1-E523 KMLHNHSF	487	1411
>MLH1-E523 EMLHNHSF	1167	>MLH1-E523 KMLHNHSF	112	1055
>MLH1-E523 EMLHNHSF	198	>MLH1-E523 KMLHNHSF	9197	8999
>MLH1-E523 EMLHNHSF	1192	>MLH1-E523 KMLHNHSF	419	773
>MLH1-E523 EMLHNHSFV	10769	>MLH1-E523 KMLHNHSFV	17	10752
>MLH1-E523 EMLHNHSF	4550	>MLH1-E523 KMLHNHSF	337	4213

>MLH1-E523 EMLHNHSFV	10831	>MLH1-E523 KMLHNHSFV	270	10561
>MLH1-E523 EMLHNHSF	204	>MLH1-E523 KMLHNHSF	8	196
>MLH1-E523 EMLHNHSFV	146	>MLH1-E523 KMLHNHSFV	7265	7119
>MLH1-E523 EMLHNHSFV	9	>MLH1-E523 KMLHNHSFV	1367	1358
>MLH1-E523 EMLHNHSF	143	>MLH1-E523 KMLHNHSF	52	91
>MLH1-E523 EMLHNHSF	122	>MLH1-E523 KMLHNHSF	197	75
>MLH1-E523 EMLHNHSF	9	>MLH1-E523 KMLHNHSF	4	5
>MLH1-E523 EMLHNHSFV	279	>MLH1-E523 KMLHNHSFV	29	250
>MLH1-E523 EMLHNHSFV	2670	>MLH1-E523 KMLHNHSFV	401	2269
>MLH1-E523 EMLHNHSF	1133	>MLH1-E523 KMLHNHSF	26	1107
>MLH1-E523 EMLHNHSF	340	>MLH1-E523 KMLHNHSF	2549	2209
>MLH1-E523 EMLHNHSF	9921	>MLH1-E523 KMLHNHSF	42	9879
>MLH1-E523 REMLHNHSF'	39	>MLH1-E523 RKMLHNHSF'	2599	2560
>MLH1-E523 REMLHNHSF	130	>MLH1-E523 RKMLHNHSF	241	111
>MLH1-E523 REMLHNHSF	121	>MLH1-E523 RKMLHNHSF	1256	1135
>MLH1-E523 REMLHNHSF	21	>MLH1-E523 RKMLHNHSF	3	18
>MLH1-E523 REMLHNHSF'	891	>MLH1-E523 RKMLHNHSF'	22	869
>MLH1-E523 REMLHNHSF	15	>MLH1-E523 RKMLHNHSF	6857	6842
>MLH1-E523 REMLHNHSF	4631	>MLH1-E523 RKMLHNHSF	234	4397
>MLH1-E523 REMLHNHSF	25	>MLH1-E523 RKMLHNHSF	13006	12981
>MLH1-E523 REMLHNHSF	25	>MLH1-E523 RKMLHNHSF	9536	9511
>MLH1-E523 REMLHNHSF'	185	>MLH1-E523 RKMLHNHSF'	24942	24757
>MLH1-E523 REMLHNHSF	133	>MLH1-E523 RKMLHNHSF	12297	12164
>MLH1-E523 REMLHNHSF	80	>MLH1-E523 RKMLHNHSF	15345	15265
>MLH1-E523 REMLHNHS	264	>MLH1-E523 RKMLHNHS	28534	28270
>MLH1-E523 REMLHNHSF	365	>MLH1-E523 RKMLHNHSF	29566	29201
>MLH1-E523 REMLHNHSF'	142	>MLH1-E523 RKMLHNHSF'	25653	25511
>MLH1-E523 REMLHNHSF	18	>MLH1-E523 RKMLHNHSF	5454	5436
>MLH1-E523 REMLHNHSF'	12	>MLH1-E523 RKMLHNHSF'	3082	3070
>MLH1-E523 REMLHNHSF'	198	>MLH1-E523 RKMLHNHSF'	18391	18193
>MLH1-E523 LREMLHNHSI	202	>MLH1-E523 LRKMLHNHSI	21	181
>MLH1-E523 LREMLHNHSI	3048	>MLH1-E523 LRKMLHNHSI	361	2687
>MLH1-E523 LREMLHNHSI	637	>MLH1-E523 LRKMLHNHSI	226	411
>MLH1-E523 VLREMLHNNH	230	>MLH1-E523 VLRKMLHNNH	1815	1585
>MLH1-E523 VLREMLHNNH	567	>MLH1-E523 VLRKMLHNNH	353	214
>MLH1-E523 VLREMLHNNH	377	>MLH1-E523 VLRKMLHNNH	128	249
>MLH1-E523 VLREMLHNNH	69	>MLH1-E523 VLRKMLHNNH	62	7
>MLH1-E523 VLREMLHNNH	171	>MLH1-E523 VLRKMLHNNH	224	53
>MLH1-E523 VLREMLHNNH	50	>MLH1-E523 VLRKMLHNNH	39	11
>MLH1-E523 VLREMLHNNH	101	>MLH1-E523 VLRKMLHNNH	204	103
>MLH1-E523 EVLREMLHNI	15	>MLH1-E523 EVLRKMLHNI	27	12
>MLH1-E523 HEVLREML	45	>MLH1-E523 HEVLRKML	10	35
>MLH1-E523 HEVLREML	27	>MLH1-E523 HEVLRKML	66	39

>MLH1-E523 HEVLRKML	82	>MLH1-E523 HEVLRKML	113	31
>MLH1-E523 NEQGHEVLR	101	>MLH1-E523 NEQGHEVLR	158	57
>MLH1-G101GEALASIS	784	>MLH1-G101SEALASIS	81	703
>MLH1-G101GEALASISHV	105	>MLH1-G101SEALASISHV	27	78
>MLH1-G101GEALASISHV	297	>MLH1-G101SEALASISHV	241	56
>MLH1-G101GEALASISHV/	274	>MLH1-G101SEALASISHV/	550	276
>MLH1-G101GEALASIS	1092	>MLH1-G101SEALASIS	444	648
>MLH1-G101GEALASISHV	2238	>MLH1-G101SEALASISHV	332	1906
>MLH1-G101GEALASISHV/	13	>MLH1-G101SEALASISHV/	8	5
>MLH1-G101GEALASISHV	66	>MLH1-G101SEALASISHV	70	4
>MLH1-G101GEALASISHV/	291	>MLH1-G101SEALASISHV/	1847	1556
>MLH1-G101RGEALASI	7928	>MLH1-G101RSEALASI	152	7776
>MLH1-G101RGEALASI	3678	>MLH1-G101RSEALASI	15	3663
>MLH1-G101RGEALASISH	13793	>MLH1-G101RSEALASISH	241	13552
>MLH1-G101RGEALASISH\	11639	>MLH1-G101RSEALASISH\	65	11574
>MLH1-G101RGEALASI	7112	>MLH1-G101RSEALASI	116	6996
>MLH1-G101RGEALASIS	1958	>MLH1-G101RSEALASIS	130	1828
>MLH1-G101RGEALASISH	7149	>MLH1-G101RSEALASISH	465	6684
>MLH1-G101RGEALASISH\	1872	>MLH1-G101RSEALASISH\	132	1740
>MLH1-G101RGEALASI	152	>MLH1-G101RSEALASI	15	137
>MLH1-G101FRGEALASI	463	>MLH1-G101FRSEALASI	319	144
>MLH1-G101FRGEALASI	1848	>MLH1-G101FRSEALASI	274	1574
>MLH1-G101FRGEALASI	920	>MLH1-G101FRSEALASI	185	735
>MLH1-G101FRGEALASI	1344	>MLH1-G101FRSEALASI	342	1002
>MLH1-G101FRGEALASI	268	>MLH1-G101FRSEALASI	105	163
>MLH1-G101FRGEALASISH	755	>MLH1-G101FRSEALASISH	297	458
>MLH1-G101FRGEALASI	1654	>MLH1-G101FRSEALASI	84	1570
>MLH1-G101GFRGEALA	726	>MLH1-G101GFRSEALA	469	257
>MLH1-G101GFRGEALASI	197	>MLH1-G101GFRSEALASI	150	47
>MLH1-G101YGFRGEALAS	250	>MLH1-G101YGFRSEALAS	395	145
>MLH1-G101YGFRGEAL	462	>MLH1-G101YGFRSEAL	186	276
>MLH1-G101YGFRGEALAS	1262	>MLH1-G101YGFRSEALAS	370	892
>MLH1-G101YGFRGEALAS	104	>MLH1-G101YGFRSEALAS	118	14
>MLH1-G101TYGFRGEAL	51	>MLH1-G101TYGFRSEAL	29	22
>MLH1-G101STYGFRGEA	257	>MLH1-G101STYGFRSEA	98	159
>MLH1-G101STYGFRGEAL	236	>MLH1-G101STYGFRSEAL/	152	84
>MLH1-G101STYGFRGEAL	77	>MLH1-G101STYGFRSEAL	46	31
>MLH1-G101STYGFRGEAL	180	>MLH1-G101STYGFRSEAL	89	91
>MLH1-G101STYGFRGEAL	131	>MLH1-G101STYGFRSEAL	132	1
>MLH1-G101STYGFRGEAL	158	>MLH1-G101STYGFRSEAL	114	44
>MLH1-G101STYGFRGEAL	442	>MLH1-G101STYGFRSEAL	439	3
>MLH1-G101STYGFRGEA	521	>MLH1-G101STYGFRSEA	370	151
>MLH1-G101STYGFRGEAL	488	>MLH1-G101STYGFRSEAL/	331	157

>MLH1-G101STYGFRGEAL	51	>MLH1-G101STYGFRSEAL	18	33
>MLH1-G101STYGFRGEA	22	>MLH1-G101STYGFRSEA	19	3
>MLH1-G101STYGFRGEAL	45	>MLH1-G101STYGFRSEAL	52	7
>MLH1-G101STYGFRGEAL	62	>MLH1-G101STYGFRSEAL	54	8
>MLH1-G101STYGFRGEA	349	>MLH1-G101STYGFRSEA	375	26
>MLH1-G101STYGFRGEAL	219	>MLH1-G101STYGFRSEAL	112	107
>MLH1-G101STYGFRGEAL	20	>MLH1-G101STYGFRSEAL	12	8
>MLH1-G101STYGFRGEAL	432	>MLH1-G101STYGFRSEAL	248	184
>MLH1-G101STYGFRGEA	728	>MLH1-G101STYGFRSEA	58	670
>MLH1-G101STYGFRGEAL	149	>MLH1-G101STYGFRSEAL	62	87
>MLH1-G101STYGFRGEAL	333	>MLH1-G101STYGFRSEAL	170	163
>MLH1-G101ISTYGFRGEAI	484	>MLH1-G101ISTYGFRSEAL	394	90
>MLH1-G101ISTYGFRGEAI	57	>MLH1-G101ISTYGFRSEAL	45	12
>MLH1-G101ISTYGFRGEAI	515	>MLH1-G101ISTYGFRSEAL	404	111
>MLH1-G101ISTYGFRGEAI	249	>MLH1-G101ISTYGFRSEAL	215	34
>MLH1-G101SISTYGFRGEA	801	>MLH1-G101SISTYGFRSEA	305	496
>MLH1-G101SISTYGFRGEA	566	>MLH1-G101SISTYGFRSEA	265	301
>MLH1-G101SISTYGFRGEA	1549	>MLH1-G101SISTYGFRSEA	391	1158
>MLH1-G244GYISNANYSV	142	>MLH1-G244VYISNANYSV	102	40
>MLH1-G244GYISNANYSV	470	>MLH1-G244VYISNANYSV	1010	540
>MLH1-G244GYISNANYSV	1697	>MLH1-G244VYISNANYSV	477	1220
>MLH1-G244GYISNANY	1296	>MLH1-G244VYISNANY	360	936
>MLH1-G244GYISNANYSV	364	>MLH1-G244VYISNANYSV	149	215
>MLH1-G244GYISNANYSV	1842	>MLH1-G244VYISNANYSV	372	1470
>MLH1-G244GYISNANYSV	165	>MLH1-G244VYISNANYSV	116	49
>MLH1-G244GYISNANYSV	578	>MLH1-G244VYISNANYSV	431	147
>MLH1-G244GYISNANY	691	>MLH1-G244VYISNANY	164	527
>MLH1-G244GYISNANY	23	>MLH1-G244VYISNANY	25	2
>MLH1-G244GYISNANY	70	>MLH1-G244VYISNANY	29	41
>MLH1-G244GYISNANY	4841	>MLH1-G244VYISNANY	341	4500
>MLH1-G244GYISNANY	459	>MLH1-G244VYISNANY	845	386
>MLH1-G244GYISNANYSV	363	>MLH1-G244VYISNANYSV	183	180
>MLH1-G244NGYISNANY	12035	>MLH1-G244NVYISNANY	259	11776
>MLH1-G244NGYISNANY	1883	>MLH1-G244NVYISNANY	107	1776
>MLH1-G244NGYISNANY	7757	>MLH1-G244NVYISNANY	63	7694
>MLH1-G244NGYISNANY	2950	>MLH1-G244NVYISNANY	62	2888
>MLH1-G244NGYISNANY	3724	>MLH1-G244NVYISNANY	82	3642
>MLH1-G244NGYISNANY	11652	>MLH1-G244NVYISNANY	225	11427
>MLH1-G244NGYISNANY	7972	>MLH1-G244NVYISNANY	331	7641
>MLH1-G244NGYISNANY	13809	>MLH1-G244NVYISNANY	77	13732
>MLH1-G244NGYISNANY	25966	>MLH1-G244NVYISNANY	238	25728
>MLH1-G244NGYISNANY	7388	>MLH1-G244NVYISNANY	294	7094
>MLH1-G244NGYISNANY	3383	>MLH1-G244NVYISNANY	123	3260

>MLH1-G244NGYISNANY	428	>MLH1-G244NVYISNANY	174	254
>MLH1-G244NGYISNANY	4884	>MLH1-G244NVYISNANY	182	4702
>MLH1-G244NGYISNANYS	227	>MLH1-G244NVYISNANYS	8	219
>MLH1-G244NGYISNANYS	689	>MLH1-G244NVYISNANYS	7	682
>MLH1-G244NGYISNANY	1808	>MLH1-G244NVYISNANY	391	1417
>MLH1-G244NGYISNANY	208	>MLH1-G244NVYISNANY	97	111
>MLH1-G244NGYISNANY	115	>MLH1-G244NVYISNANY	26	89
>MLH1-G244NGYISNANY	864	>MLH1-G244NVYISNANY	247	617
>MLH1-G244MNGYISNAN	474	>MLH1-G244MNVYISNAN'	451	23
>MLH1-G244MNGYISNAN	88	>MLH1-G244MNVYISNAN'	71	17
>MLH1-G244MNGYISNA	1867	>MLH1-G244MNVYISNA	142	1725
>MLH1-G244MNGYISNAN	867	>MLH1-G244MNVYISNAN'	144	723
>MLH1-G244KMNGYISNA	27	>MLH1-G244KMNVYISNA	77	50
>MLH1-G244KMNGYISNA	7	>MLH1-G244KMNVYISNA	15	8
>MLH1-G244KMNGYISNA	3	>MLH1-G244KMNVYISNA	4	1
>MLH1-G244KMNGYISNA	99	>MLH1-G244KMNVYISNA	293	194
>MLH1-G244KMNGYISN	449	>MLH1-G244KMNVYISN	1942	1493
>MLH1-G244KMNGYISNA	5	>MLH1-G244KMNVYISNA	17	12
>MLH1-G244KMNGYISNA	46	>MLH1-G244KMNVYISNA	80	34
>MLH1-G244KMNGYISNA	33	>MLH1-G244KMNVYISNA	119	86
>MLH1-G244KMNGYISNA	89	>MLH1-G244KMNVYISNA	415	326
>MLH1-G244KMNGYISNA	6	>MLH1-G244KMNVYISNA	35	29
>MLH1-G244KMNGYISNAI	55	>MLH1-G244KMNVYISNAI	63	8
>MLH1-G244KMNGYISNAI	385	>MLH1-G244KMNVYISNAI	449	64
>MLH1-G244KMNGYISNAI	74	>MLH1-G244KMNVYISNAI	161	87
>MLH1-G244KMNGYISNA	670	>MLH1-G244KMNVYISNA	400	270
>MLH1-G244KMNGYISNAI	8	>MLH1-G244KMNVYISNAI	8	0
>MLH1-G244KMNGYISNAI	278	>MLH1-G244KMNVYISNAI	135	143
>MLH1-G244KMNGYISNAI	371	>MLH1-G244KMNVYISNAI	1665	1294
>MLH1-G244KMNGYISNAI	119	>MLH1-G244KMNVYISNAI	85	34
>MLH1-G244KMNGYISNAI	45	>MLH1-G244KMNVYISNAI	52	7
>MLH1-G244KMNGYISNAI	264	>MLH1-G244KMNVYISNAI	444	180
>MLH1-G244KMNGYISNA	1022	>MLH1-G244KMNVYISNA	248	774
>MLH1-G244KMNGYISNAI	15	>MLH1-G244KMNVYISNAI	8	7
>MLH1-G244KMNGYISNAI	47	>MLH1-G244KMNVYISNAI	39	8
>MLH1-G244KMNGYISNAI	152	>MLH1-G244KMNVYISNAI	140	12
>MLH1-G244KMNGYISNAI	303	>MLH1-G244KMNVYISNAI	460	157
>MLH1-G244FKMNGYISN/	368	>MLH1-G244FKMNVYISN/	552	184
>MLH1-G244FKMNGYISN/	270	>MLH1-G244FKMNVYISN/	227	43
>MLH1-G244FKMNGYIS	234	>MLH1-G244FKMNVYIS	280	46
>MLH1-G244FKMNGYISN	254	>MLH1-G244FKMNVYISN	272	18
>MLH1-G244FKMNGYISN/	29	>MLH1-G244FKMNVYISN/	30	1
>MLH1-G244FKMNGYISN/	255	>MLH1-G244FKMNVYISN/	285	30

>MLH1-G244FKMNGYISN/	1299	>MLH1-G244FKMNVDYISN/	331	968
>MLH1-G244AFKMNGYI	1163	>MLH1-G244AFKMNDYI	425	738
>MLH1-G244AFKMNGYI	60	>MLH1-G244AFKMNDYI	41	19
>MLH1-G244AFKMNGYISN	143	>MLH1-G244AFKMNDYISN	105	38
>MLH1-G244LAFKMNGYI	1017	>MLH1-G244LAFKMNDYI	405	612
>MLH1-G244LAFKMNGYI	1242	>MLH1-G244LAFKMNDYI	422	820
>MLH1-G244LAFKMNGYI	3369	>MLH1-G244LAFKMNDYI	424	2945
>MLH1-G244LAFKMNGY	400	>MLH1-G244LAFKMNDY	523	123
>MLH1-G244LAFKMNGY	78	>MLH1-G244LAFKMNDY	109	31
>MLH1-G244LAFKMNGYI	224	>MLH1-G244LAFKMNDYI	87	137
>MLH1-G244LAFKMNGY	146	>MLH1-G244LAFKMNDY	79	67
>MLH1-G244LAFKMNGY	193	>MLH1-G244LAFKMNDY	30	163
>MLH1-G244LAFKMNGYI	2028	>MLH1-G244LAFKMNDYI	204	1824
>MLH1-G244LAFKMNGY	14	>MLH1-G244LAFKMNDY	18	4
>MLH1-G244LAFKMNGY	89	>MLH1-G244LAFKMNDY	40	49
>MLH1-G244LAFKMNGYI	1076	>MLH1-G244LAFKMNDYI	197	879
>MLH1-G244LAFKMNGY	1765	>MLH1-G244LAFKMNDY	216	1549
>MLH1-G244LAFKMNGYI	243	>MLH1-G244LAFKMNDYI	713	470
>MLH1-G244LAFKMNGY	5890	>MLH1-G244LAFKMNDY	178	5712
>MLH1-G244LAFKMNGY	462	>MLH1-G244LAFKMNDY	673	211
>MLH1-G244LAFKMNGYI	105	>MLH1-G244LAFKMNDYI	1150	1045
>MLH1-G244LAFKMNGYI	24	>MLH1-G244LAFKMNDYI	33	9
>MLH1-G244TLAFKMNG	22622	>MLH1-G244TLAFKMND	69	22553
>MLH1-G244TLAFKMNGYI	483	>MLH1-G244TLAFKMNDYI	150	333
>MLH1-G244TLAFKMNG	3698	>MLH1-G244TLAFKMND	8	3690
>MLH1-G244TLAFKMNGYI	86	>MLH1-G244TLAFKMNDYI	53	33
>MLH1-G244TLAFKMNG	4661	>MLH1-G244TLAFKMND	5	4656
>MLH1-G244TLAFKMNGYI	78	>MLH1-G244TLAFKMNDYI	128	50
>MLH1-G244TLAFKMNG	22264	>MLH1-G244TLAFKMND	293	21971
>MLH1-G244TLAFKMNG	18760	>MLH1-G244TLAFKMND	30	18730
>MLH1-G244TLAFKMNGYI	194	>MLH1-G244TLAFKMNDYI	100	94
>MLH1-G244TLAFKMNG	20036	>MLH1-G244TLAFKMND	76	19960
>MLH1-G244TLAFKMNGYI	674	>MLH1-G244TLAFKMNDYI	165	509
>MLH1-G244TLAFKMNG	20264	>MLH1-G244TLAFKMND	19	20245
>MLH1-G244TLAFKMNGYI	605	>MLH1-G244TLAFKMNDYI	180	425
>MLH1-G244TLAFKMNG	25083	>MLH1-G244TLAFKMND	24	25059
>MLH1-G244TLAFKMNGYI	682	>MLH1-G244TLAFKMNDYI	177	505
>MLH1-G244TLAFKMNG	18151	>MLH1-G244TLAFKMND	4	18147
>MLH1-G244TLAFKMNGYI	412	>MLH1-G244TLAFKMNDYI	94	318
>MLH1-G244TLAFKMNGY	498	>MLH1-G244TLAFKMNDY	827	329
>MLH1-G244TLAFKMNGY	114	>MLH1-G244TLAFKMNDY	885	771
>MLH1-G244TLAFKMNGY	56	>MLH1-G244TLAFKMNDY	67	11
>MLH1-G244TLAFKMNGY	79	>MLH1-G244TLAFKMNDY	106	27



>MLH1-G244TLAFKMNGY	30	>MLH1-G244TLAFKMNVY	31	1
>MLH1-G244TLAFKMNG	8418	>MLH1-G244TLAFKMNV	21	8397
>MLH1-G244TLAFKMNGYI	264	>MLH1-G244TLAFKMNVYI	336	72
>MLH1-G244TLAFKMNG	20435	>MLH1-G244TLAFKMNV	158	20277
>MLH1-G244TLAFKMNGY	61	>MLH1-G244TLAFKMNVY	68	7
>MLH1-G244TLAFKMNGY	699	>MLH1-G244TLAFKMNVY	204	495
>MLH1-G244TLAFKMNGY	382	>MLH1-G244TLAFKMNVY	404	22
>MLH1-G244KTAFKMNG	22681	>MLH1-G244KTAFKMNV	257	22424
>MLH1-G244KTAFKMNG`	1180	>MLH1-G244KTAFKMNV`	183	997
>MLH1-G244KTAFKMNG	20854	>MLH1-G244KTAFKMNV	242	20612
>MLH1-G244KTAFKMNG`	426	>MLH1-G244KTAFKMNV`	98	328
>MLH1-G244KTAFKMNG	20267	>MLH1-G244KTAFKMNV	30	20237
>MLH1-G244KTAFKMNG`	179	>MLH1-G244KTAFKMNV`	83	96
>MLH1-G244KTAFKMNG	23508	>MLH1-G244KTAFKMNV	110	23398
>MLH1-G244KTAFKMNG	35684	>MLH1-G244KTAFKMNV	323	35361
>MLH1-G244KTAFKMNG`	98	>MLH1-G244KTAFKMNV`	190	92
>MLH1-G244KTAFKMNG`	307	>MLH1-G244KTAFKMNV`	354	47
>MLH1-G244KTAFKMNG`	219	>MLH1-G244KTAFKMNV`	239	20
>MLH1-G244KTAFKMNG`	45	>MLH1-G244KTAFKMNV`	314	269
>MLH1-G244KTAFKMNG	94	>MLH1-G244KTAFKMNV	18	76
>MLH1-G244KTAFKMNG`	149	>MLH1-G244KTAFKMNV`	89	60
>MLH1-G244KTAFKMNG`	12	>MLH1-G244KTAFKMNV`	9	3
>MLH1-G244KTAFKMNG`	60	>MLH1-G244KTAFKMNV`	58	2
>MLH1-G244KTAFKMNG	4210	>MLH1-G244KTAFKMNV	496	3714
>MLH1-G244KTAFKMNG	2346	>MLH1-G244KTAFKMNV	195	2151
>MLH1-G244KTAFKMNG`	157	>MLH1-G244KTAFKMNV`	99	58
>MLH1-G244KTAFKMNG`	94	>MLH1-G244KTAFKMNV`	14	80
>MLH1-G244KTAFKMNG	21355	>MLH1-G244KTAFKMNV	390	20965
>MLH1-G244KTAFKMNG	11187	>MLH1-G244KTAFKMNV	20	11167
>MLH1-G244KTAFKMNG`	162	>MLH1-G244KTAFKMNV`	100	62
>MLH1-G244KTAFKMNG`	16	>MLH1-G244KTAFKMNV`	16	0
>MLH1-G244KTAFKMNG`	454	>MLH1-G244KTAFKMNV`	156	298
>MLH1-G244KTAFKMNG	7601	>MLH1-G244KTAFKMNV	226	7375
>MLH1-G244KTAFKMNG`	5	>MLH1-G244KTAFKMNV`	5	0
>MLH1-G244KTAFKMNG`	37	>MLH1-G244KTAFKMNV`	26	11
>MLH1-G244KTAFKMNG`	172	>MLH1-G244KTAFKMNV`	126	46
>MLH1-G244KTAFKMNG`	204	>MLH1-G244KTAFKMNV`	64	140
>MLH1-G244KTAFKMNG`	58	>MLH1-G244KTAFKMNV`	35	23
>MLH1-G244KTAFKMNG`	69	>MLH1-G244KTAFKMNV`	53	16
>MLH1-G244KTAFKMNG`	126	>MLH1-G244KTAFKMNV`	261	135
>MLH1-G244KTAFKMNG`	24	>MLH1-G244KTAFKMNV`	32	8
>MLH1-G54E GGLKLIQI	393	>MLH1-G54E EGLKLIQI	5743	5350
>MLH1-G54E EGGLKLIQI	8864	>MLH1-G54E EEGLKLIQI	15	8849

>MLH1-G54E EGGLKLIQI	32321	>MLH1-G54E EEGLKLIQI	60	32261
>MLH1-G54E KEGGLKLI	47	>MLH1-G54E KEEGLKLI	17	30
>MLH1-G54E KEGGLKLIQI	87	>MLH1-G54E KEEGLKLIQI	50	37
>MLH1-G54E KEGGLKLI	434	>MLH1-G54E KEEGLKLI	51	383
>MLH1-G54E KEGGLKLI	407	>MLH1-G54E KEEGLKLI	987	580
>MLH1-G54E KEGGLKLIQI	442	>MLH1-G54E KEEGLKLIQI	270	172
>MLH1-G54E KEGGLKLIQI	2098	>MLH1-G54E KEEGLKLIQI	271	1827
>MLH1-G54E KEGGLKLIQI	27	>MLH1-G54E KEEGLKLIQI	23	4
>MLH1-G54E VKEGGLKLI	660	>MLH1-G54E VKEEGLKLI	189	471
>MLH1-G54E IVKEGGLKLI	404	>MLH1-G54E IVKEEGLKLI	503	99
>MLH1-G54E IVKEGGLK	155	>MLH1-G54E IVKEEGLK	432	277
>MLH1-G54E IVKEGGLK	272	>MLH1-G54E IVKEEGLK	412	140
>MLH1-G54E IVKEGGLK	19	>MLH1-G54E IVKEEGLK	51	32
>MLH1-G54E IVKEGGLKLI	385	>MLH1-G54E IVKEEGLKLI	828	443
>MLH1-G54E IVKEGGLKL	143	>MLH1-G54E IVKEEGLKL	609	466
>MLH1-G54E VIVKEGGLK	436	>MLH1-G54E VIVKEEGLK	903	467
>MLH1-G54E QVIVKEGGL	357	>MLH1-G54E QVIVKEEGL	620	263
>MLH1-G54E QVIVKEGGLK	290	>MLH1-G54E QVIVKEEGLK	1521	1231
>MLH1-G54E QVIVKEGGLK	237	>MLH1-G54E QVIVKEEGLK	590	353
>MLH1-G54E QVIVKEGGLK	141	>MLH1-G54E QVIVKEEGLK	310	169
>MLH1-H543 HQTCLYLL	255	>MLH1-H543 RQTCLYLL	415	160
>MLH1-H543 HQTCLYLL	149	>MLH1-H543 RQTCLYLL	42	107
>MLH1-H543 HQTCLYLL	811	>MLH1-H543 RQTCLYLL	213	598
>MLH1-H543 HQTCLYLL	441	>MLH1-H543 RQTCLYLL	70	371
>MLH1-H543 HQTCLYLL	207	>MLH1-H543 RQTCLYLL	2248	2041
>MLH1-H543 HQTCLYLL	623	>MLH1-H543 RQTCLYLL	239	384
>MLH1-H543 HQTCLYLL	344	>MLH1-H543 RQTCLYLL	78	266
>MLH1-H543 HQTCLYLL	4769	>MLH1-H543 RQTCLYLL	42	4727
>MLH1-H543 HQTCLYLLN	5309	>MLH1-H543 RQTCLYLLN	226	5083
>MLH1-H543 HQTCLYLL	3900	>MLH1-H543 RQTCLYLL	130	3770
>MLH1-H543 HQTCLYLLN	1824	>MLH1-H543 RQTCLYLLN	121	1703
>MLH1-H543 HQTCLYLLNT	8455	>MLH1-H543 RQTCLYLLNT	498	7957
>MLH1-H543 QHQTKLYL	17983	>MLH1-H543 QRQTKLYL	256	17727
>MLH1-H543 QHQTKLYLL	13852	>MLH1-H543 QRQTKLYLL	89	13763
>MLH1-H543 QHQTKLYL	9179	>MLH1-H543 QRQTKLYL	80	9099
>MLH1-H543 QHQTKLYLL	3215	>MLH1-H543 QRQTKLYLL	46	3169
>MLH1-H543 QHQTKLYLLN	19801	>MLH1-H543 QRQTKLYLLN	273	19528
>MLH1-H543 QHQTKLYL	4528	>MLH1-H543 QRQTKLYL	104	4424
>MLH1-H543 QHQTKLYLL	3683	>MLH1-H543 QRQTKLYLL	17	3666
>MLH1-H543 QHQTKLYLLN	19796	>MLH1-H543 QRQTKLYLLN	194	19602
>MLH1-H543 CVNPQWALA	4018	>MLH1-H543 CVNPQWALA	26	3992
>MLH1-H543 CVNPQWALA	20952	>MLH1-H543 CVNPQWALA	375	20577
>MLH1-H543 CVNPQWALA	8292	>MLH1-H543 CVNPQWALA	68	8224

>MLH1-H543 AQHQTKLYLL	264	>MLH1-H543 AQRQTKLYLL	685	421
>MLH1-H543 AQHQTKLYL	327	>MLH1-H543 AQRQTKLYL	1652	1325
>MLH1-H543 AQHQTKLYL	858	>MLH1-H543 AQRQTKLYL	74	784
>MLH1-H543 AQHQTKLYLL	2804	>MLH1-H543 AQRQTKLYLL	322	2482
>MLH1-H543 AQHQTKLY	71	>MLH1-H543 AQRQTKLY	58	13
>MLH1-H543 AQHQTKLYL	365	>MLH1-H543 AQRQTKLYL	194	171
>MLH1-H543 AQHQTKLY	289	>MLH1-H543 AQRQTKLY	243	46
>MLH1-H543 AQHQTKLY	13	>MLH1-H543 AQRQTKLY	10	3
>MLH1-H543 AQHQTKLYL	58	>MLH1-H543 AQRQTKLYL	40	18
>MLH1-H543 AQHQTKLYLL	183	>MLH1-H543 AQRQTKLYLL	118	65
>MLH1-H543 AQHQTKLYL	375	>MLH1-H543 AQRQTKLYL	5724	5349
>MLH1-H543 AQHQTKLYLL	244	>MLH1-H543 AQRQTKLYLL	3484	3240
>MLH1-H543 AQHQTKLYL	498	>MLH1-H543 AQRQTKLYL	290	208
>MLH1-H543 LAQHQTCLY	470	>MLH1-H543 LAQRQTKLY	1600	1130
>MLH1-H543 LAQHQTCL	485	>MLH1-H543 LAQRQTKL	1538	1053
>MLH1-H543 LAQHQTCLY	51	>MLH1-H543 LAQRQTKLY	301	250
>MLH1-H543 LAQHQTCLY	273	>MLH1-H543 LAQRQTKLY	784	511
>MLH1-H543 ALAQHQTKLY	409	>MLH1-H543 ALAQRQTKLY	397	12
>MLH1-H543 ALAQHQTKL	238	>MLH1-H543 ALAQRQTKL	623	385
>MLH1-H543 ALAQHQTKLY	76	>MLH1-H543 ALAQRQTKLY	120	44
>MLH1-H543 ALAQHQTKL	7	>MLH1-H543 ALAQRQTKL	12	5
>MLH1-H543 ALAQHQTKLY	8	>MLH1-H543 ALAQRQTKLY	12	4
>MLH1-H543 ALAQHQTKL	14	>MLH1-H543 ALAQRQTKL	39	25
>MLH1-H543 ALAQHQTKLY	32	>MLH1-H543 ALAQRQTKLY	67	35
>MLH1-H543 ALAQHQTKLY	373	>MLH1-H543 ALAQRQTKLY	588	215
>MLH1-H543 ALAQHQTKL	92	>MLH1-H543 ALAQRQTKL	218	126
>MLH1-H543 ALAQHQTKLY	14	>MLH1-H543 ALAQRQTKLY	21	7
>MLH1-H543 ALAQHQTKLY	243	>MLH1-H543 ALAQRQTKLY	332	89
>MLH1-H543 ALAQHQTKL	74	>MLH1-H543 ALAQRQTKL	51	23
>MLH1-H543 ALAQHQTKLY	21	>MLH1-H543 ALAQRQTKLY	20	1
>MLH1-H543 ALAQHQTKLY	107	>MLH1-H543 ALAQRQTKLY	149	42
>MLH1-H543 ALAQHQTK	290	>MLH1-H543 ALAQRQTK	340	50
>MLH1-H543 ALAQHQTKL	3	>MLH1-H543 ALAQRQTKL	3	0
>MLH1-H543 ALAQHQTKLY	3	>MLH1-H543 ALAQRQTKLY	3	0
>MLH1-H543 ALAQHQTK	106	>MLH1-H543 ALAQRQTK	99	7
>MLH1-H543 ALAQHQTK	475	>MLH1-H543 ALAQRQTK	621	146
>MLH1-H543 ALAQHQTKLY	493	>MLH1-H543 ALAQRQTKLY	535	42
>MLH1-H543 ALAQHQTKLY	721	>MLH1-H543 ALAQRQTKLY	368	353
>MLH1-H543 ALAQHQTKLY	210	>MLH1-H543 ALAQRQTKLY	87	123
>MLH1-H543 ALAQHQTKL	1115	>MLH1-H543 ALAQRQTKL	393	722
>MLH1-H543 ALAQHQTKLY	180	>MLH1-H543 ALAQRQTKLY	321	141
>MLH1-H543 ALAQHQTKLY	249	>MLH1-H543 ALAQRQTKLY	298	49
>MLH1-H543 WALAQHQTK	73	>MLH1-H543 WALAQHQTK	175	102

>MLH1-H543 WALAQHQTK	196	>MLH1-H543 WALAQRQTK	215	19
>MLH1-H543 WALAQHQTK	84	>MLH1-H543 WALAQRQTK	177	93
>MLH1-H543 WALAQHQTK	17	>MLH1-H543 WALAQRQTK	40	23
>MLH1-H543 WALAQHQTK	33	>MLH1-H543 WALAQRQTK	48	15
>MLH1-H543 WALAQHQTK	238	>MLH1-H543 WALAQRQTK	319	81
>MLH1-H543 QWALAQHQ	140	>MLH1-H543 QWALAQRQ	386	246
>MLH1-H543 PQWALAQH	12274	>MLH1-H543 PQWALAQR	374	11900
>MLH1-H543 PQWALAQH	29022	>MLH1-H543 PQWALAQR	171	28851
>MLH1-H543 NPQWALAQ	232	>MLH1-H543 NPQWALAQ	5137	4905
>MLH1-K618 KAEMLADY	173	>MLH1-K618 TAEMLADY	676	503
>MLH1-K618 KAEMLADY	88	>MLH1-K618 TAEMLADY	861	773
>MLH1-K618 KAEMLADYF	80	>MLH1-K618 TAEMLADYF	998	918
>MLH1-K618 KAEMLADYF	252	>MLH1-K618 TAEMLADYF	2647	2395
>MLH1-K618 KAEMLADY	2026	>MLH1-K618 TAEMLADY	312	1714
>MLH1-K618 KAEMLADYF	261	>MLH1-K618 TAEMLADYF	9248	8987
>MLH1-K618 KAEMLADYF	200	>MLH1-K618 TAEMLADYF	520	320
>MLH1-K618 KKAEMLADY	22431	>MLH1-K618 KTAEMLADY	166	22265
>MLH1-K618 KKAEMLADY	8100	>MLH1-K618 KTAEMLADY	41	8059
>MLH1-K618 KKAEMLADY	5447	>MLH1-K618 KTAEMLADY	9	5438
>MLH1-K618 KKAEMLADYI	10891	>MLH1-K618 KTAEMLADYI	55	10836
>MLH1-K618 KKAEMLADY	2593	>MLH1-K618 KTAEMLADY	64	2529
>MLH1-K618 KKAEMLADY	133	>MLH1-K618 KTAEMLADY	16	117
>MLH1-K618 KKAEMLADYI	8520	>MLH1-K618 KTAEMLADYI	53	8467
>MLH1-K618 KKAEMLADY	1523	>MLH1-K618 KTAEMLADY	46	1477
>MLH1-K618 KKAEMLADY	36	>MLH1-K618 KTAEMLADY	1913	1877
>MLH1-K618 KKAEMLADYI	15	>MLH1-K618 KTAEMLADYI	799	784
>MLH1-K618 KKAEMLADY	10995	>MLH1-K618 KTAEMLADY	5	10990
>MLH1-K618 KKAEMLADYI	11682	>MLH1-K618 KTAEMLADYI	5	11677
>MLH1-K618 KKAEMLADY	21008	>MLH1-K618 KTAEMLADY	412	20596
>MLH1-K618 KKAEMLADYI	16863	>MLH1-K618 KTAEMLADYI	121	16742
>MLH1-K618 KKAEMLADY	13187	>MLH1-K618 KTAEMLADY	113	13074
>MLH1-K618 KKAEMLADYI	5420	>MLH1-K618 KTAEMLADYI	18	5402
>MLH1-K618 KKAEMLADYI	22539	>MLH1-K618 KTAEMLADYI	45	22494
>MLH1-K618 KKAEMLADY	9347	>MLH1-K618 KTAEMLADY	78	9269
>MLH1-K618 KKAEMLADYI	9502	>MLH1-K618 KTAEMLADYI	50	9452
>MLH1-K618 AEYIVEFLKKK	2739	>MLH1-K618 AEYIVEFLKKT	170	2569
>MLH1-K618 AEYIVEFLKKK	486	>MLH1-K618 AEYIVEFLKKT	38	448
>MLH1-K618 AEYIVEFLKKK	252	>MLH1-K618 AEYIVEFLKKT	35	217
>MLH1-K618 KKAEMLA	452	>MLH1-K618 KKTAEMLA	10045	9593
>MLH1-K618 KKAEMLAD'	743	>MLH1-K618 KKTAEMLAD'	270	473
>MLH1-K618 KKAEMLAD'	12	>MLH1-K618 KKTAEMLAD'	27	15
>MLH1-K618 KKAEMLAD'	7	>MLH1-K618 KKTAEMLAD'	12	5
>MLH1-K618 LKKAEML	84	>MLH1-K618 LKKAEML	52	32

>MLH1-K618 LKKKAEMLAC	18	>MLH1-K618 LKKTAEMLAC	17	1
>MLH1-K618 FLKKKAEMLA	924	>MLH1-K618 FLKKTAEMLA	386	538
>MLH1-K618 FLKKKAEM	132	>MLH1-K618 FLKKTAEM	44	88
>MLH1-K618 FLKKKAEML	13	>MLH1-K618 FLKKTAEML	16	3
>MLH1-K618 FLKKKAEMLA	71	>MLH1-K618 FLKKTAEMLA	46	25
>MLH1-K618 FLKKKAEM	84	>MLH1-K618 FLKKTAEM	34	50
>MLH1-K618 FLKKKAEML	22	>MLH1-K618 FLKKTAEML	26	4
>MLH1-K618 FLKKKAEMLA	89	>MLH1-K618 FLKKTAEMLA	69	20
>MLH1-K618 FLKKKAEM	1083	>MLH1-K618 FLKKTAEM	390	693
>MLH1-K618 FLKKKAEML	148	>MLH1-K618 FLKKTAEML	53	95
>MLH1-K618 FLKKKAEM	1911	>MLH1-K618 FLKKTAEM	382	1529
>MLH1-K618 FLKKKAEML	730	>MLH1-K618 FLKKTAEML	222	508
>MLH1-K618 FLKKKAEML	1203	>MLH1-K618 FLKKTAEML	279	924
>MLH1-K618 FLKKKAEM	45	>MLH1-K618 FLKKTAEM	22	23
>MLH1-K618 FLKKKAEML	17	>MLH1-K618 FLKKTAEML	10	7
>MLH1-K618 FLKKKAEMLA	24	>MLH1-K618 FLKKTAEMLA	17	7
>MLH1-K618 FLKKKAEM	25	>MLH1-K618 FLKKTAEM	111	86
>MLH1-K618 FLKKKAEML	30	>MLH1-K618 FLKKTAEML	326	296
>MLH1-K618 FLKKKAEML	443	>MLH1-K618 FLKKTAEML	2183	1740
>MLH1-K618 FLKKKAEM	370	>MLH1-K618 FLKKTAEM	113	257
>MLH1-K618 FLKKKAEM	1079	>MLH1-K618 FLKKTAEM	293	786
>MLH1-K618 FLKKKAEM	1339	>MLH1-K618 FLKKTAEM	195	1144
>MLH1-K618 FLKKKAEML	3003	>MLH1-K618 FLKKTAEML	305	2698
>MLH1-K618 EFLKKKAEML	677	>MLH1-K618 EFLKKTAEML	202	475
>MLH1-K618 EFLKKKAEM	2735	>MLH1-K618 EFLKKTAEM	239	2496
>MLH1-K618 VEFLKKKA	923	>MLH1-K618 VEFLKKTA	210	713
>MLH1-K618 VEFLKKKAEM	41	>MLH1-K618 VEFLKKTAEM	51	10
>MLH1-K618 VEFLKKKAEM	30	>MLH1-K618 VEFLKKTAEM	40	10
>MLH1-K618 VEFLKKKAEM	61	>MLH1-K618 VEFLKKTAEM	33	28
>MLH1-K618 VEFLKKKAEM	475	>MLH1-K618 VEFLKKTAEM	308	167
>MLH1-K618 VEFLKKKAEM	203	>MLH1-K618 VEFLKKTAEM	136	67
>MLH1-K618 VEFLKKKAEM	124	>MLH1-K618 VEFLKKTAEM	70	54
>MLH1-K618 IVEFLKKK	482	>MLH1-K618 IVEFLKKT	29475	28993
>MLH1-K618 IVEFLKKKAEM	241	>MLH1-K618 IVEFLKKAEM	238	3
>MLH1-K618 YIVEFLKKK	11079	>MLH1-K618 YIVEFLKKT	223	10856
>MLH1-K618 YIVEFLKKKA	363	>MLH1-K618 YIVEFLKKTA	135	228
>MLH1-K618 YIVEFLKKK	9512	>MLH1-K618 YIVEFLKKT	174	9338
>MLH1-K618 YIVEFLKKKA	674	>MLH1-K618 YIVEFLKKTA	242	432
>MLH1-K618 YIVEFLKKK	6268	>MLH1-K618 YIVEFLKKT	262	6006
>MLH1-K618 YIVEFLKKKA	181	>MLH1-K618 YIVEFLKKTA	70	111
>MLH1-K618 YIVEFLKKKA	235	>MLH1-K618 YIVEFLKKTA	108	127
>MLH1-K618 YIVEFLKKK	74	>MLH1-K618 YIVEFLKKT	21324	21250
>MLH1-K618 EYIVEFLKKK	319	>MLH1-K618 EYIVEFLKKT	20230	19911

>MLH1-L724' LRSILPPKH	19	>MLH1-L724' WRSILPPKH	19	0
>MLH1-L724' LRSILPPK	98	>MLH1-L724' WRSILPPK	56	42
>MLH1-L724' LRSILPPKH	908	>MLH1-L724' WRSILPPKH	132	776
>MLH1-L724' LRSILPPKH	437	>MLH1-L724' WRSILPPKH	220	217
>MLH1-L724' LRSILPPK	955	>MLH1-L724' WRSILPPK	256	699
>MLH1-L724' LRSILPPKH	628	>MLH1-L724' WRSILPPKH	183	445
>MLH1-L724' ALRSILPPK	16	>MLH1-L724' AWRSHILPPK	255	239
>MLH1-L724' ALRSILPPK	49	>MLH1-L724' AWRSHILPPK	1474	1425
>MLH1-L724' ALRSILP	305	>MLH1-L724' AWRSHILP	572	267
>MLH1-L724' ALRSILPP	190	>MLH1-L724' AWRSHILPP	377	187
>MLH1-L724' ALRSILPPK	4	>MLH1-L724' AWRSHILPPK	4	0
>MLH1-L724' ALRSILPPK	491	>MLH1-L724' AWRSHILPPK	808	317
>MLH1-L724' ALRSILPPK	11184	>MLH1-L724' AWRSHILPPK	386	10798
>MLH1-L724' WTVEHIVYKA	439	>MLH1-L724' WTVEHIVYKA	18876	18437
>MLH1-L724' WTVEHIVYKA	295	>MLH1-L724' WTVEHIVYKA	17521	17226
>MLH1-L724' WTVEHIVYKA	94	>MLH1-L724' WTVEHIVYKA	7223	7129
>MLH1-L724' WTVEHIVYKA	177	>MLH1-L724' WTVEHIVYKA	16945	16768
>MLH1-L724' WTVEHIVYKA	110	>MLH1-L724' WTVEHIVYKA	926	816
>MLH1-L724' WTVEHIVYKA	68	>MLH1-L724' WTVEHIVYKA	314	246
>MLH1-L724' WTVEHIVYKA	67	>MLH1-L724' WTVEHIVYKA	18804	18737
>MLH1-L724' WTVEHIVYKA	89	>MLH1-L724' WTVEHIVYKA	10954	10865
>MLH1-L724' WTVEHIVYKA	49	>MLH1-L724' WTVEHIVYKA	5	44
>MLH1-L724' WTVEHIVYKA	17277	>MLH1-L724' WTVEHIVYKA	142	17135
>MLH1-L724' WTVEHIVYKA	11733	>MLH1-L724' WTVEHIVYKA	59	11674
>MLH1-L724' WTVEHIVYKA	454	>MLH1-L724' WTVEHIVYKA	3251	2797
>MLH1-L724' WTVEHIVYKA	5061	>MLH1-L724' WTVEHIVYKA	21	5040
>MLH1-L724' KALRSILPPK	93	>MLH1-L724' KAWRSILPP	74	19
>MLH1-L724' KALRSILPPK	19	>MLH1-L724' KAWRSILPP	22	3
>MLH1-L724' KALRSIL	87	>MLH1-L724' KAWRSIL	442	355
>MLH1-L724' KALRSILP	98	>MLH1-L724' KAWRSILP	508	410
>MLH1-L724' KALRSILPP	169	>MLH1-L724' KAWRSILPP	724	555
>MLH1-L724' KALRSILPPK	4	>MLH1-L724' KAWRSILPP	5	1
>MLH1-L724' KALRSILPPK	34	>MLH1-L724' KAWRSILPP	14	20
>MLH1-L724' KALRSIL	236	>MLH1-L724' KAWRSIL	119	117
>MLH1-L724' KALRSIL	49	>MLH1-L724' KAWRSIL	23	26
>MLH1-L724' KALRSIL	424	>MLH1-L724' KAWRSIL	151	273
>MLH1-L724' KALRSIL	54	>MLH1-L724' KAWRSIL	64	10
>MLH1-L724' KALRSIL	4786	>MLH1-L724' KAWRSIL	431	4355
>MLH1-L724' KALRSILPPK	1278	>MLH1-L724' KAWRSILPP	301	977
>MLH1-L724' KALRSIL	1759	>MLH1-L724' KAWRSIL	348	1411
>MLH1-L724' YKALRSIL	233	>MLH1-L724' YKAWRSIL	380	147
>MLH1-L724' YKALRSI	93	>MLH1-L724' YKAWRSI	120	27
>MLH1-L724' YKALRSIL	86	>MLH1-L724' YKAWRSIL	134	48

>MLH1-L724'YKALRSHIL	15	>MLH1-L724'YKAWRSHIL	9	6
>MLH1-L724'VYKALRSHI	2	>MLH1-L724'VYKAWRSHI	47	45
>MLH1-L724'VYKALRSHIL	137	>MLH1-L724'VYKAWRSHIL	2654	2517
>MLH1-L724'VYKALRSHI	252	>MLH1-L724'VYKAWRSHI	30	222
>MLH1-L724'VYKALRSHIL	349	>MLH1-L724'VYKAWRSHIL	476	127
>MLH1-L724'VYKALRSHI	778	>MLH1-L724'VYKAWRSHI	197	581
>MLH1-L724'VYKALRSHIL	248	>MLH1-L724'VYKAWRSHIL	292	44
>MLH1-L724'VYKALRSHI	57	>MLH1-L724'VYKAWRSHI	62	5
>MLH1-L724'VYKALRSHIL	68	>MLH1-L724'VYKAWRSHIL	64	4
>MLH1-L724'VYKALRSHI	102	>MLH1-L724'VYKAWRSHI	140	38
>MLH1-L724'VYKALRSHIL	455	>MLH1-L724'VYKAWRSHIL	583	128
>MLH1-L724'IVYKALRSHIL	76	>MLH1-L724'IVYKAWRSHI	52	24
>MLH1-L724'IVYKALRSHIL	434	>MLH1-L724'IVYKAWRSHI	750	316
>MLH1-L724'IVYKALRSHI	249	>MLH1-L724'IVYKAWRSHI	494	245
>MLH1-L724'IVYKALRSHIL	258	>MLH1-L724'IVYKAWRSHI	627	369
>MLH1-L724'IVYKALRSHIL	251	>MLH1-L724'IVYKAWRSHI	224	27
>MLH1-L724'IVYKALRSHIL	320	>MLH1-L724'IVYKAWRSHI	323	3
>MLH1-L724'IVYKALRSHI	566	>MLH1-L724'IVYKAWRSHI	274	292
>MLH1-L724'IVYKALRSHIL	322	>MLH1-L724'IVYKAWRSHI	305	17
>MLH1-L724'IVYKALRSHI	96	>MLH1-L724'IVYKAWRSHI	65	31
>MLH1-L724'HIVYKALR	36	>MLH1-L724'HIVYKAWR	28	8
>MLH1-L724'HIVYKALR	85	>MLH1-L724'HIVYKAWR	81	4
>MLH1-L724'HIVYKALR	12	>MLH1-L724'HIVYKAWR	11	1
>MLH1-L724'HIVYKALRSHI	144	>MLH1-L724'HIVYKAWRSHI	57	87
>MLH1-L724'HIVYKALR	49	>MLH1-L724'HIVYKAWR	57	8
>MLH1-L724'EHIVYKALR	56	>MLH1-L724'EHIVYKAWR	53	3
>MLH1-L724'EHIVYKAL	391	>MLH1-L724'EHIVYKAW	2442	2051
>MLH1-L724'EHIVYKAL	27	>MLH1-L724'EHIVYKAW	6338	6311
>MLH1-L724'VEHIVYKAL	30	>MLH1-L724'VEHIVYKAW	169	139
>MLH1-L724'VEHIVYKALR	1270	>MLH1-L724'VEHIVYKAWR	462	808
>MLH1-L724'VEHIVYKAL	216	>MLH1-L724'VEHIVYKAW	165	51
>MLH1-L724'VEHIVYKAL	34	>MLH1-L724'VEHIVYKAW	8760	8726
>MLH1-L724'VEHIVYKAL	67	>MLH1-L724'VEHIVYKAW	2036	1969
>MLH1-L724'VEHIVYKAL	1774	>MLH1-L724'VEHIVYKAW	68	1706
>MLH1-L724'VEHIVYKAL	744	>MLH1-L724'VEHIVYKAW	43	701
>MLH1-L724'VEHIVYKAL	139	>MLH1-L724'VEHIVYKAW	2265	2126
>MLH1-L724'VEHIVYKAL	20122	>MLH1-L724'VEHIVYKAW	189	19933
>MLH1-L724'TVEHIVYKALR	26	>MLH1-L724'TVEHIVYKAW	32	6
>MLH1-L724'TVEHIVYKALR	144	>MLH1-L724'TVEHIVYKAW	162	18
>MLH1-L724'TVEHIVYKALR	9	>MLH1-L724'TVEHIVYKAW	11	2
>MLH1-L724'TVEHIVYKAL	10722	>MLH1-L724'TVEHIVYKAW	43	10679
>MLH1-M58'MLALDSPES	356	>MLH1-M58'VLALDSPES	3376	3020
>MLH1-M58'MLALDSPES	341	>MLH1-M58'VLALDSPES	812	471

>MLH1-M58:MLALDSPESC	218	>MLH1-M58:VLALDSPESG	504	286
>MLH1-M58:MLALDSPESC	215	>MLH1-M58:VLALDSPESG	829	614
>MLH1-M58:MLALDSPESC	105	>MLH1-M58:VLALDSPESG	3683	3578
>MLH1-M58:AMLALDSPES	394	>MLH1-M58:AVLALDSPES	13248	12854
>MLH1-M58:SEPAPFLDLA	389	>MLH1-M58:SEPAPFLDLA	114	275
>MLH1-M58:FDLAMLAL	512	>MLH1-M58:FDLAVLAL	298	214
>MLH1-M58:FDLAMLAL	175	>MLH1-M58:FDLAVLAL	122	53
>MLH1-M58:FDLAMLAL	48	>MLH1-M58:FDLAVLAL	115	67
>MLH1-M58:FDLAMLAL	110	>MLH1-M58:FDLAVLAL	104	6
>MLH1-M58:FDLAMLAL	341	>MLH1-M58:FDLAVLAL	492	151
>MLH1-M58:PLFDLAML	242	>MLH1-M58:PLFDLAVL	494	252
>MLH1-M58:PLFDLAMLAL	418	>MLH1-M58:PLFDLAVLAL	414	4
>MLH1-M58:PLFDLAML	38	>MLH1-M58:PLFDLAVL	73	35
>MLH1-M58:PLFDLAMLAL	127	>MLH1-M58:PLFDLAVLA	86	41
>MLH1-M58:PLFDLAMLAL	88	>MLH1-M58:PLFDLAVLAL	96	8
>MLH1-M58:PLFDLAML	390	>MLH1-M58:PLFDLAVL	682	292
>MLH1-M58:PLFDLAMLAL	272	>MLH1-M58:PLFDLAVLA	916	644
>MLH1-M58:PLFDLAMLAL	235	>MLH1-M58:PLFDLAVLAL	234	1
>MLH1-M58:PLFDLAML	10	>MLH1-M58:PLFDLAVL	18	8
>MLH1-M58:PLFDLAMLAL	113	>MLH1-M58:PLFDLAVLA	86	27
>MLH1-M58:PLFDLAMLAL	31	>MLH1-M58:PLFDLAVLAL	15	16
>MLH1-M58:PLFDLAML	362	>MLH1-M58:PLFDLAVL	241	121
>MLH1-M58:PLFDLAMLAL	494	>MLH1-M58:PLFDLAVLAL	334	160
>MLH1-M58:PLFDLAML	34	>MLH1-M58:PLFDLAVL	56	22
>MLH1-M58:PLFDLAMLAL	89	>MLH1-M58:PLFDLAVLA	76	13
>MLH1-M58:PLFDLAMLAL	82	>MLH1-M58:PLFDLAVLAL	44	38
>MLH1-M58:PLFDLAML	98	>MLH1-M58:PLFDLAVL	117	19
>MLH1-M58:PLFDLAMLAL	791	>MLH1-M58:PLFDLAVLAL	178	613
>MLH1-M58:PLFDLAML	7	>MLH1-M58:PLFDLAVL	10	3
>MLH1-M58:PLFDLAMLAL	19	>MLH1-M58:PLFDLAVLA	24	5
>MLH1-M58:PLFDLAMLAL	16	>MLH1-M58:PLFDLAVLAL	13	3
>MLH1-M58:PLFDLAMLAL	557	>MLH1-M58:PLFDLAVLAL	221	336
>MLH1-M58:APLFDLAM	49	>MLH1-M58:APLFDLAV	226	177
>MLH1-M58:APLFDLAML	264	>MLH1-M58:APLFDLAVL	75	189
>MLH1-M58:APLFDLAMLAL	36	>MLH1-M58:APLFDLAVLA	32	4
>MLH1-M58:APLFDLAM	31	>MLH1-M58:APLFDLAV	1720	1689
>MLH1-M58:APLFDLAMLAL	463	>MLH1-M58:APLFDLAVLA	297	166
>MLH1-M58:APLFDLAMLAL	323	>MLH1-M58:APLFDLAVLA	200	123
>MLH1-M58:APLFDLAMLAL	343	>MLH1-M58:APLFDLAVLA	653	310
>MLH1-M58:APLFDLAMLAL	826	>MLH1-M58:APLFDLAVLA	451	375
>MLH1-M58:PAPLFDLAM	285	>MLH1-M58:PAPLFDLAV	1281	996
>MLH1-M58:PAPLFDLAML	38	>MLH1-M58:PAPLFDLAVL	61	23
>MLH1-M58:EPAPLFDLAV	284	>MLH1-M58:EPAPLFDLAV	494	210



>MLH1-M58:EPAPLFDLAV	748	>MLH1-M58:EPAPLFDLAV	108	640
>MLH1-M58:EPAPLFDLAV	131	>MLH1-M58:EPAPLFDLAV	418	287
>MLH1-M58:EPAPLFDLAV	1017	>MLH1-M58:EPAPLFDLAV	351	666
>MLH1-M58:EPAPLFDLAV	306	>MLH1-M58:EPAPLFDLAV	123	183
>MLH1-M58:EPAPLFDLAV	1506	>MLH1-M58:EPAPLFDLAV	214	1292
>MLH1-M58:EPAPLFDLAV	370	>MLH1-M58:EPAPLFDLAV	478	108
>MLH1-N158:NIATRRKALK	108	>MLH1-N158:HIATRRKALK	54	54
>MLH1-N158:NIATRRKALK	4994	>MLH1-N158:HIATRRKALK	53	4941
>MLH1-N158:NIATRRKALK	805	>MLH1-N158:HIATRRKALK	435	370
>MLH1-N158:NIATRRKALK	15	>MLH1-N158:HIATRRKALK	18	3
>MLH1-N158:NIATRRKAL	367	>MLH1-N158:HIATRRKAL	101	266
>MLH1-N158:NIATRRKAL	18	>MLH1-N158:HIATRRKAL	25	7
>MLH1-N158:YNIATRRKAL	2825	>MLH1-N158:YHIATRRKAL	432	2393
>MLH1-N158:YNIATRRKALI	287	>MLH1-N158:YHIATRRKALI	1451	1164
>MLH1-N158:YNIATRRKAL	328	>MLH1-N158:YHIATRRKAL	64	264
>MLH1-N158:YNIATRRKAL	7623	>MLH1-N158:YHIATRRKAL	265	7358
>MLH1-N158:YNIATRRKAL	151	>MLH1-N158:YHIATRRKAL	10	141
>MLH1-N158:FYNIATRRKAI	48	>MLH1-N158:FYHIATRRKAI	34	14
>MLH1-N158:FYNIATRRKAI	35	>MLH1-N158:FYHIATRRKAI	13	22
>MLH1-N158:FYNIATRRK	2104	>MLH1-N158:FYHIATRRK	167	1937
>MLH1-N158:FYNIATRR	336	>MLH1-N158:FYHIATRR	677	341
>MLH1-N158:FYNIATRR	309	>MLH1-N158:FYHIATRR	431	122
>MLH1-N158:FYNIATRR	221	>MLH1-N158:FYHIATRR	208	13
>MLH1-N158:FYNIATRR	83	>MLH1-N158:FYHIATRR	49	34
>MLH1-N158:LFYNIATRRK	104	>MLH1-N158:LFYHIATRRK	131	27
>MLH1-N158:LFYNIATR	12	>MLH1-N158:LFYHIATR	13	1
>MLH1-N158:LFYNIATRR	16	>MLH1-N158:LFYHIATRR	21	5
>MLH1-N158:LFYNIATRRK	154	>MLH1-N158:LFYHIATRRK	128	26
>MLH1-N158:LFYNIATR	50	>MLH1-N158:LFYHIATR	34	16
>MLH1-N158:LFYNIATRR	120	>MLH1-N158:LFYHIATRR	81	39
>MLH1-N158:LFYNIATR	60	>MLH1-N158:LFYHIATR	84	24
>MLH1-N158:LFYNIATRR	59	>MLH1-N158:LFYHIATRR	88	29
>MLH1-N158:LFYNIATR	70	>MLH1-N158:LFYHIATR	58	12
>MLH1-N158:LFYNIATRR	67	>MLH1-N158:LFYHIATRR	44	23
>MLH1-N158:DLFYNIATRR	911	>MLH1-N158:DLFYHIATRR	367	544
>MLH1-N158:DLFYNIATR	209	>MLH1-N158:DLFYHIATR	72	137
>MLH1-N158:DLFYNIATRR	237	>MLH1-N158:DLFYHIATRR	148	89
>MLH1-N158:DLFYNIATR	10	>MLH1-N158:DLFYHIATR	8	2
>MLH1-N158:DLFYNIATRR	76	>MLH1-N158:DLFYHIATRR	114	38
>MLH1-N158:DLFYNIATRR	781	>MLH1-N158:DLFYHIATRR	436	345
>MLH1-N158:DLFYNIATR	4	>MLH1-N158:DLFYHIATR	5	1
>MLH1-N158:DLFYNIATRR	19	>MLH1-N158:DLFYHIATRR	12	7
>MLH1-N158:DLFYNIATRR	38	>MLH1-N158:DLFYHIATRR	48	10

>MLH1-N158DLFYNIATR	293	>MLH1-N158DLFYHIATR	341	48
>MLH1-N158DLFYNIATRR	377	>MLH1-N158DLFYHIATRR	354	23
>MLH1-N158EDLFYNIATRF	205	>MLH1-N158EDLFYHIATRF	194	11
>MLH1-N158EDLFYNI	1528	>MLH1-N158EDLFYHIA	464	1064
>MLH1-N158VEDLFYNI	193	>MLH1-N158VEDLFYHI	95	98
>MLH1-N158VEDLFYNI	167	>MLH1-N158VEDLFYHI	158	9
>MLH1-N158VEDLFYNI	418	>MLH1-N158VEDLFYHI	1045	627
>MLH1-N158VEDLFYNI	340	>MLH1-N158VEDLFYHIA	123	217
>MLH1-N158VEDLFYNIAT	386	>MLH1-N158VEDLFYHIAT	268	118
>MLH1-N158VEDLFYNI	340	>MLH1-N158VEDLFYHI	39	301
>MLH1-N158TVEDLFYNI	396	>MLH1-N158TVEDLFYHI	592	196
>MLH1-N158TVEDLFYNI	191	>MLH1-N158TVEDLFYHI	43	148
>MLH1-N158TVEDLFYNI	15	>MLH1-N158TVEDLFYHI	13	2
>MLH1-N158TVEDLFYNI	105	>MLH1-N158TVEDLFYHI	173	68
>MLH1-N158ITVEDLFYNI	379	>MLH1-N158ITVEDLFYHI	473	94
>MLH1-N158ITVEDLFYNI	192	>MLH1-N158ITVEDLFYHI	290	98
>MLH1-N158ITVEDLFYNI	370	>MLH1-N158ITVEDLFYH	808	438
>MLH1-N158ITVEDLFYNI	31	>MLH1-N158ITVEDLFYHI	43	12
>MLH1-N158ITVEDLFYNI	157	>MLH1-N158ITVEDLFYHIA	107	50
>MLH1-N158ITVEDLFYNI	104	>MLH1-N158ITVEDLFYHI	88	16
>MLH1-N158ITVEDLFYNI	285	>MLH1-N158ITVEDLFYHI	158	127
>MLH1-N158ITVEDLFYNI	1975	>MLH1-N158ITVEDLFYH	58	1917
>MLH1-N158ITVEDLFYNI	335	>MLH1-N158ITVEDLFYHI	207	128
>MLH1-N158ITVEDLFYNI	80	>MLH1-N158ITVEDLFYHI	75	5
>MLH1-N158ITVEDLFYNI	634	>MLH1-N158ITVEDLFYHIA	466	168
>MLH1-N158ITVEDLFYNI	44	>MLH1-N158ITVEDLFYHI	72	28
>MLH1-N158ITVEDLFYNI	4279	>MLH1-N158ITVEDLFYH	343	3936
>MLH1-N158ITVEDLFYNI	62	>MLH1-N158ITVEDLFYHI	100	38
>MLH1-N158ITVEDLFYNI	461	>MLH1-N158ITVEDLFYHI	104	357
>MLH1-N158ITVEDLFYNI	141	>MLH1-N158ITVEDLFYHI	175	34
>MLH1-N158ITVEDLFYNI	325	>MLH1-N158ITVEDLFYHI	186	139
>MLH1-N158QITVEDLFYNI	1241	>MLH1-N158QITVEDLFYHI	498	743
>MLH1-N158QITVEDLFYNI	454	>MLH1-N158QITVEDLFYHI	412	42
>MLH1-N187NAGISFSV	6818	>MLH1-N187YAGISFSV	447	6371
>MLH1-N187NAGISFSV	2537	>MLH1-N187YAGISFSV	309	2228
>MLH1-N187NAGISFSV	3481	>MLH1-N187YAGISFSV	433	3048
>MLH1-N187NAGISFSV	542	>MLH1-N187YAGISFSV	24	518
>MLH1-N187NAGISFSV	2367	>MLH1-N187YAGISFSV	35	2332
>MLH1-N187NAGISFSV	4715	>MLH1-N187YAGISFSV	300	4415
>MLH1-N187NAGISFSV	5133	>MLH1-N187YAGISFSV	95	5038
>MLH1-N187NAGISFSV	3918	>MLH1-N187YAGISFSV	235	3683
>MLH1-N187NAGISFSV	2419	>MLH1-N187YAGISFSV	11	2408
>MLH1-N187NAGISFSVK	1208	>MLH1-N187YAGISFSVK	440	768

>MLH1-N187NAGISFSVKK	427	>MLH1-N187YAGISFSVKK	271	156
>MLH1-N187NAGISFSVK	325	>MLH1-N187YAGISFSVK	179	146
>MLH1-N187NAGISFSVKK	60	>MLH1-N187YAGISFSVKK	45	15
>MLH1-N187NAGISFSV	195	>MLH1-N187YAGISFSV	289	94
>MLH1-N187NAGISFSV	80	>MLH1-N187YAGISFSV	57	23
>MLH1-N187HNAGISFSV	26386	>MLH1-N187HYAGISFSV	204	26182
>MLH1-N187HNAGISFSV	87	>MLH1-N187HYAGISFSV	11	76
>MLH1-N187HNAGISFSV	1387	>MLH1-N187HYAGISFSV	139	1248
>MLH1-N187HNAGISFSV	3192	>MLH1-N187HYAGISFSV	222	2970
>MLH1-N187HNAGISFSV	3123	>MLH1-N187HYAGISFSV	44	3079
>MLH1-N187HNAGISFSV	20380	>MLH1-N187HYAGISFSV	279	20101
>MLH1-N187HNAGISFSV	23974	>MLH1-N187HYAGISFSV	36	23938
>MLH1-N187HNAGISFSVK	24731	>MLH1-N187HYAGISFSVK	338	24393
>MLH1-N187HNAGISFSVK	25691	>MLH1-N187HYAGISFSVKI	377	25314
>MLH1-N187HNAGISFSVK	2482	>MLH1-N187HYAGISFSVK	76	2406
>MLH1-N187HNAGISFSVK	2330	>MLH1-N187HYAGISFSVKI	65	2265
>MLH1-N187HNAGISFSVK	8340	>MLH1-N187HYAGISFSVKI	354	7986
>MLH1-N187HNAGISFSVK	1012	>MLH1-N187HYAGISFSVK	384	628
>MLH1-N187HNAGISFSVK	95	>MLH1-N187HYAGISFSVKI	69	26
>MLH1-N187HNAGISFSV	8	>MLH1-N187HYAGISFSV	13	5
>MLH1-N187HNAGISFSV	316	>MLH1-N187HYAGISFSV	671	355
>MLH1-N187HNAGISFSVK	4582	>MLH1-N187HYAGISFSVK	87	4495
>MLH1-N187HNAGISFSVK	1389	>MLH1-N187HYAGISFSVKI	35	1354
>MLH1-N187LEVVGGRYSVH	15676	>MLH1-N187LEVVGGRYSVH	129	15547
>MLH1-N187LEVVGGRYSVH	15847	>MLH1-N187LEVVGGRYSVH	204	15643
>MLH1-N187LEVVGGRYSVH	2233	>MLH1-N187LEVVGGRYSVH	20	2213
>MLH1-N187LEVVGGRYSVH	5725	>MLH1-N187LEVVGGRYSVH	450	5275
>MLH1-N187LEVVGGRYSVH	9829	>MLH1-N187LEVVGGRYSVH	339	9490
>MLH1-N187VHNAGISFSV	1393	>MLH1-N187VHYAGISFSV	137	1256
>MLH1-N187VHNAGISFSV	2793	>MLH1-N187VHYAGISFSV	311	2482
>MLH1-N187VHNAGISFSV	1152	>MLH1-N187VHYAGISFSV	195	957
>MLH1-N187VHNAGISF	23	>MLH1-N187VHYAGISF	5	18
>MLH1-N187VHNAGISFSV	2100	>MLH1-N187VHYAGISFSV	345	1755
>MLH1-N187VHNAGISFSV	2934	>MLH1-N187VHYAGISFSVI	494	2440
>MLH1-N187VHNAGISFSV	567	>MLH1-N187VHYAGISFSV	144	423
>MLH1-N187SVHNAGISFS'	205	>MLH1-N187SVHYAGISFS\	199	6
>MLH1-N187SVHNAGISFS'	293	>MLH1-N187SVHYAGISFS\	189	104
>MLH1-N187SVHNAGISFS'	57	>MLH1-N187SVHYAGISFS\	87	30
>MLH1-N187SVHNAGISFS'	28	>MLH1-N187SVHYAGISFS\	47	19
>MLH1-N187SVHNAGISFS'	16	>MLH1-N187SVHYAGISFS\	93	77
>MLH1-N187SVHNAGISFS'	122	>MLH1-N187SVHYAGISFS\	281	159
>MLH1-N187SVHNAGISFS'	23	>MLH1-N187SVHYAGISFS\	88	65
>MLH1-N187SVHNAGISFS'	7	>MLH1-N187SVHYAGISFS\	34	27

>MLH1-N187SVHNAGISF	1036	>MLH1-N187SVHYAGISF	402	634
>MLH1-N187SVHNAGISF	373	>MLH1-N187SVHYAGISF	312	61
>MLH1-N187SVHNAGISFS	91	>MLH1-N187SVHYAGISFS	82	9
>MLH1-N187SVHNAGISFS'	25	>MLH1-N187SVHYAGISFS\	23	2
>MLH1-N187SVHNAGISF	286	>MLH1-N187SVHYAGISF	183	103
>MLH1-N187SVHNAGISFS'	563	>MLH1-N187SVHYAGISFS\	444	119
>MLH1-N187SVHNAGISFS'	28	>MLH1-N187SVHYAGISFS\	18	10
>MLH1-N187SVHNAGISFS'	89	>MLH1-N187SVHYAGISFS\	113	24
>MLH1-N187SVHNAGISF	54	>MLH1-N187SVHYAGISF	53	1
>MLH1-N187SVHNAGISF	227	>MLH1-N187SVHYAGISF	326	99
>MLH1-N187SVHNAGISF	58	>MLH1-N187SVHYAGISF	42	16
>MLH1-N187SVHNAGISF	304	>MLH1-N187SVHYAGISF	237	67
>MLH1-N187SVHNAGISF	218	>MLH1-N187SVHYAGISF	299	81
>MLH1-N187YSVHNAGI	8060	>MLH1-N187YSVHYAGI	72	7988
>MLH1-N187YSVHNAGI	512	>MLH1-N187YSVHYAGI	181	331
>MLH1-N187YSVHNAGISF	133	>MLH1-N187YSVHYAGISF	115	18
>MLH1-N187YSVHNAGI	133	>MLH1-N187YSVHYAGI	124	9
>MLH1-N187YSVHNAGI	526	>MLH1-N187YSVHYAGI	257	269
>MLH1-N187YSVHNAGISF	56	>MLH1-N187YSVHYAGISF	47	9
>MLH1-N187YSVHNAGI	682	>MLH1-N187YSVHYAGI	378	304
>MLH1-N187YSVHNAGISF	8	>MLH1-N187YSVHYAGISF	7	1
>MLH1-N187YSVHNAGI	11	>MLH1-N187YSVHYAGI	9	2
>MLH1-N187YSVHNAGISF	3	>MLH1-N187YSVHYAGISF	3	0
>MLH1-N187YSVHNAGISF	118	>MLH1-N187YSVHYAGISF	87	31
>MLH1-N187YSVHNAGISF	675	>MLH1-N187YSVHYAGISF	283	392
>MLH1-N187YSVHNAGISF	28	>MLH1-N187YSVHYAGISF	31	3
>MLH1-N187YSVHNAGISF	843	>MLH1-N187YSVHYAGISF	365	478
>MLH1-N187YSVHNAGI	173	>MLH1-N187YSVHYAGI	97	76
>MLH1-N187RYSVHNAGIS	314	>MLH1-N187RYSVHYAGISI	193	121
>MLH1-N187RYSVHNAGI	349	>MLH1-N187RYSVHYAGI	100	249
>MLH1-N187RYSVHNAGIS	128	>MLH1-N187RYSVHYAGISI	71	57
>MLH1-N187RYSVHNAGI	25	>MLH1-N187RYSVHYAGI	8	17
>MLH1-N187RYSVHNAGIS	6	>MLH1-N187RYSVHYAGISI	5	1
>MLH1-N187RYSVHNAGI	167	>MLH1-N187RYSVHYAGI	85	82
>MLH1-N187RYSVHNAGIS	80	>MLH1-N187RYSVHYAGISI	55	25
>MLH1-N187GRYSVHNAG	597	>MLH1-N187GRYSVHYAGI	463	134
>MLH1-N187GRYSVHNA	278	>MLH1-N187GRYSVHYA	250	28
>MLH1-N187GRYSVHNAG	101	>MLH1-N187GRYSVHYAGI	51	50
>MLH1-N187GRYSVHNA	693	>MLH1-N187GRYSVHYA	456	237
>MLH1-N187GRYSVHNAG	721	>MLH1-N187GRYSVHYAG	214	507
>MLH1-N187GRYSVHNAG	962	>MLH1-N187GRYSVHYAGI	405	557
>MLH1-N187VGRYSVHNA	554	>MLH1-N187VGRYSVHYA	148	406
>MLH1-N187VGRYSVHNA	780	>MLH1-N187VGRYSVHYAC	471	309

>MLH1-N187VGRYSVHN	27020	>MLH1-N187VGRYSVHY	206	26814
>MLH1-N187VGRYSVHN	16028	>MLH1-N187VGRYSVHY	106	15922
>MLH1-N187VGRYSVHN	18404	>MLH1-N187VGRYSVHY	173	18231
>MLH1-N187VGRYSVHN	19595	>MLH1-N187VGRYSVHY	91	19504
>MLH1-N187VVGGRYSVHN,	2691	>MLH1-N187VVGGRYSVHY/	290	2401
>MLH1-N187VVGGRYSVHN,	823	>MLH1-N187VVGGRYSVHY/	308	515
>MLH1-N187VVGGRYSVHN	20102	>MLH1-N187VVGGRYSVHY	91	20011
>MLH1-N187VVGGRYSVHN	27913	>MLH1-N187VVGGRYSVHY	447	27466
>MLH1-N187VVGGRYSVHN	19837	>MLH1-N187VVGGRYSVHY	11	19826
>MLH1-N187VVGGRYSVHN	13347	>MLH1-N187VVGGRYSVHY	90	13257
>MLH1-N187EVVGRYSVHN	14195	>MLH1-N187EVVGRYSVHY	193	14002
>MLH1-N187EVVGRYSVHN	10900	>MLH1-N187EVVGRYSVHY	128	10772
>MLH1-N187EVVGRYSVHN	1485	>MLH1-N187EVVGRYSVHY	3	1482
>MLH1-N187EVVGRYSVHN	95	>MLH1-N187EVVGRYSVHY	54	41
>MLH1-N187EVVGRYSVHN	19502	>MLH1-N187EVVGRYSVHY	28	19474
>MLH1-N187EVVGRYSVHN	17101	>MLH1-N187EVVGRYSVHY	223	16878
>MLH1-N187EVVGRYSVHN	18	>MLH1-N187EVVGRYSVHY	11	7
>MLH1-N187EVVGRYSVHN	195	>MLH1-N187EVVGRYSVHY	88	107
>MLH1-N187EVVGRYSVHN	18541	>MLH1-N187EVVGRYSVHY	347	18194
>MLH1-P469 NPRKRHRE	483	>MLH1-P469 NLRKRHRE	497	14
>MLH1-P469 SEKRGPSSN	8273	>MLH1-P469 SEKRGPSSN	235	8038
>MLH1-P469 SEKRGPSSN	9794	>MLH1-P469 SEKRGPSSN	289	9505
>MLH1-P469 SNPRKRHR	2418	>MLH1-P469 SNLRKRHR	191	2227
>MLH1-P469 SSNPRKRHR	16	>MLH1-P469 SSNLRKRHR	16	0
>MLH1-P469 SSNPRKRHR	443	>MLH1-P469 SSNLRKRHR	1303	860
>MLH1-P469 TSSNPRKR	410	>MLH1-P469 TSSNLRKR	142	268
>MLH1-P469 TSSNPRKRHR	31	>MLH1-P469 TSSNLRKRHR	22	9
>MLH1-P469 TSSNPRKR	93	>MLH1-P469 TSSNLRKR	44	49
>MLH1-P469 TSSNPRKRHR	260	>MLH1-P469 TSSNLRKRHR	178	82
>MLH1-P469 PTSSNPRK	954	>MLH1-P469 PTSSNLRK	449	505
>MLH1-P469 RGPTSSNPRK	280	>MLH1-P469 RGPTSSNLRK	435	155
>MLH1-P469 RGPTSSNPR	72	>MLH1-P469 RGPTSSNLR	176	104
>MLH1-P469 RGPTSSNPRK	228	>MLH1-P469 RGPTSSNLRK	378	150
>MLH1-P469 KRGPTSSNP	3213	>MLH1-P469 KRGPTSSNL	143	3070
>MLH1-P469 KRGPTSSNP	7383	>MLH1-P469 KRGPTSSNL	223	7160
>MLH1-P469 KRGPTSSNP	13601	>MLH1-P469 KRGPTSSNL	89	13512
>MLH1-P469 KRGPTSSNPR	65	>MLH1-P469 KRGPTSSNLR	97	32
>MLH1-P469 EKRGPSSNP	16058	>MLH1-P469 EKRGPSSNL	353	15705
>MLH1-P469 EKRGPSSNP	3582	>MLH1-P469 EKRGPSSNL	92	3490
>MLH1-R325 RVQQHIESK	404	>MLH1-R325 QVQQHIESK	4936	4532
>MLH1-R325 RVQQHIESK	53	>MLH1-R325 QVQQHIESK	219	166
>MLH1-R325 RVQQHIESK	218	>MLH1-R325 QVQQHIESK	5355	5137
>MLH1-R325 RVQQHIESK	382	>MLH1-R325 QVQQHIESK	7876	7494

>MLH1-R325 RVQQHIESKL	469	>MLH1-R325 QVQQHIESKL	3024	2555
>MLH1-R325 RVQQHIESKL	415	>MLH1-R325 QVQQHIESKL	6955	6540
>MLH1-R325 RVQQHIESKL	401	>MLH1-R325 QVQQHIESKL	6412	6011
>MLH1-R325 RVQQHIESK	998	>MLH1-R325 QVQQHIESK	466	532
>MLH1-R325 HFLHEESILER	123	>MLH1-R325 HFLHEESILEC	16302	16179
>MLH1-R325 HFLHEESILER	55	>MLH1-R325 HFLHEESILEC	16708	16653
>MLH1-R325 HFLHEESILER	31	>MLH1-R325 HFLHEESILEC	2832	2801
>MLH1-R325 LERVQQHI	81	>MLH1-R325 LEQVQQHI	193	112
>MLH1-R325 LERVQQHI	485	>MLH1-R325 LEQVQQHI	1213	728
>MLH1-R325 LERVQQHI	70	>MLH1-R325 LEQVQQHI	217	147
>MLH1-R325 ILERVQQHI	547	>MLH1-R325 ILEQVQQHI	304	243
>MLH1-R325 ILERVQQHI	130	>MLH1-R325 ILEQVQQHI	77	53
>MLH1-R325 ILERVQQHI	499	>MLH1-R325 ILEQVQQHI	638	139
>MLH1-R325 ILERVQQHI	628	>MLH1-R325 ILEQVQQHI	262	366
>MLH1-R325 ILERVQQHI	30	>MLH1-R325 ILEQVQQHI	20	10
>MLH1-R325 SILERVQQHI	15	>MLH1-R325 SILEQVQQHI	13	2
>MLH1-R325 SILERVQQHI	145	>MLH1-R325 SILEQVQQHI	108	37
>MLH1-R325 SILERVQQHI	19	>MLH1-R325 SILEQVQQHI	14	5
>MLH1-R325 SILERVQQHI	67	>MLH1-R325 SILEQVQQHI	56	11
>MLH1-R325 SILERVQQHI	260	>MLH1-R325 SILEQVQQHI	120	140
>MLH1-R325 ESILERVQQH	362	>MLH1-R325 ESILEQVQQH	164	198
>MLH1-R325 ESILERVQQH	431	>MLH1-R325 ESILEQVQQH	270	161
>MLH1-R325 ESILERVQQH	148	>MLH1-R325 ESILEQVQQH	182	34
>MLH1-R325 EESILERV	97	>MLH1-R325 EESILEQV	122	25
>MLH1-R325 EESILERVQ	842	>MLH1-R325 EESILEQVQ	419	423
>MLH1-R325 HEESILERV	171	>MLH1-R325 HEESILEQV	31	140
>MLH1-R325 HEESILERV	48	>MLH1-R325 HEESILEQV	37	11
>MLH1-R325 HEESILERV	7	>MLH1-R325 HEESILEQV	5	2
>MLH1-R325 HEESILER	485	>MLH1-R325 HEESILEQ	24005	23520
>MLH1-R325 FLHEESILERV	9	>MLH1-R325 FLHEESILEQV	9	0
>MLH1-R325 FLHEESILERV	2	>MLH1-R325 FLHEESILEQV	2	0
>MLH1-R325 FLHEESILERV	3	>MLH1-R325 FLHEESILEQV	2	1
>MLH1-R325 FLHEESILERV	7	>MLH1-R325 FLHEESILEQV	6	1
>MLH1-R325 FLHEESILER	312	>MLH1-R325 FLHEESILEQ	35	277
>MLH1-R325 FLHEESILERV	1	>MLH1-R325 FLHEESILEQV	1	0
>MLH1-R325 FLHEESILERV	3	>MLH1-R325 FLHEESILEQV	3	0
>MLH1-R325 FLHEESILER	5538	>MLH1-R325 FLHEESILEQ	157	5381
>MLH1-R325 FLHEESILERV	5	>MLH1-R325 FLHEESILEQV	4	1
>MLH1-R325 FLHEESILERV	3	>MLH1-R325 FLHEESILEQV	3	0
>MLH1-R325 FLHEESILER	119	>MLH1-R325 FLHEESILEQ	5	114
>MLH1-R325 FLHEESILERV	1	>MLH1-R325 FLHEESILEQV	1	0
>MLH1-R325 FLHEESILER	271	>MLH1-R325 FLHEESILEQ	32868	32597
>MLH1-R325 FLHEESILERV	233	>MLH1-R325 FLHEESILEQV	315	82

>MLH1-R325 FLHEESILERV	370	>MLH1-R325 FLHEESILEQV	167	203
>MLH1-R325 FLHEESILER	377	>MLH1-R325 FLHEESILEQ	24339	23962
>MLH1-R522 REMLHNHSF	1372	>MLH1-R522 WEMLHNHSF	269	1103
>MLH1-R522 REMLHNHSF'	39	>MLH1-R522 WEMLHNHSF	23	16
>MLH1-R522 REMLHNHSF	130	>MLH1-R522 WEMLHNHSF	9210	9080
>MLH1-R522 REMLHNHSF	121	>MLH1-R522 WEMLHNHSF	193	72
>MLH1-R522 REMLHNHSF	21	>MLH1-R522 WEMLHNHSF	45	24
>MLH1-R522 REMLHNHSF	15	>MLH1-R522 WEMLHNHSF	4	11
>MLH1-R522 REMLHNHSF	3562	>MLH1-R522 WEMLHNHSF	358	3204
>MLH1-R522 REMLHNHSF	25	>MLH1-R522 WEMLHNHSF	28	3
>MLH1-R522 REMLHNHSF	25	>MLH1-R522 WEMLHNHSF	42	17
>MLH1-R522 REMLHNHSF'	185	>MLH1-R522 WEMLHNHSF	541	356
>MLH1-R522 REMLHNHSF	133	>MLH1-R522 WEMLHNHSF	141	8
>MLH1-R522 REMLHNHSF	80	>MLH1-R522 WEMLHNHSF	178	98
>MLH1-R522 REMLHNHS	264	>MLH1-R522 WEMLHNHS	3930	3666
>MLH1-R522 REMLHNHSF	365	>MLH1-R522 WEMLHNHSF	3969	3604
>MLH1-R522 REMLHNHSF'	142	>MLH1-R522 WEMLHNHSF	2112	1970
>MLH1-R522 REMLHNHSF	18	>MLH1-R522 WEMLHNHSF	22	4
>MLH1-R522 REMLHNHSF'	12	>MLH1-R522 WEMLHNHSF	9	3
>MLH1-R522 REMLHNHSF'	198	>MLH1-R522 WEMLHNHSF	163	35
>MLH1-R522 LREMLHNHSI	16832	>MLH1-R522 LWEMLNHS	161	16671
>MLH1-R522 LREMLHNHSI	17164	>MLH1-R522 LWEMLNHS	78	17086
>MLH1-R522 LREMLHNHSI	202	>MLH1-R522 LWEMLNHS	4019	3817
>MLH1-R522 LREMLHNHS	38812	>MLH1-R522 LWEMLNHS	456	38356
>MLH1-R522 LREMLHNHSI	28696	>MLH1-R522 LWEMLNHS	39	28657
>MLH1-R522 EINEQGHEVL	110	>MLH1-R522 EINEQGHEVL	24542	24432
>MLH1-R522 EINEQGHEVL	10	>MLH1-R522 EINEQGHEVL	10223	10213
>MLH1-R522 EINEQGHEVL	378	>MLH1-R522 EINEQGHEVL	34055	33677
>MLH1-R522 VLREMLHNH	14675	>MLH1-R522 VLWEMLNH	155	14520
>MLH1-R522 VLREMLHNH	3323	>MLH1-R522 VLWEMLNH	235	3088
>MLH1-R522 VLREMLHN	10006	>MLH1-R522 VLWEMLNH	252	9754
>MLH1-R522 VLREMLHNH	13880	>MLH1-R522 VLWEMLNH	477	13403
>MLH1-R522 VLREMLHNH	5536	>MLH1-R522 VLWEMLNH	68	5468
>MLH1-R522 VLREMLHNH	2084	>MLH1-R522 VLWEMLNH	16	2068
>MLH1-R522 VLREMLHNH	5534	>MLH1-R522 VLWEMLNH	300	5234
>MLH1-R522 VLREMLHNH	12601	>MLH1-R522 VLWEMLNH	212	12389
>MLH1-R522 VLREMLHNH	12739	>MLH1-R522 VLWEMLNH	205	12534
>MLH1-R522 VLREMLHNH	1883	>MLH1-R522 VLWEMLNH	89	1794
>MLH1-R522 VLREMLHNH	776	>MLH1-R522 VLWEMLNH	96	680
>MLH1-R522 VLREMLHNH	230	>MLH1-R522 VLWEMLNH	25	205
>MLH1-R522 VLREMLHNH	567	>MLH1-R522 VLWEMLNH	74	493
>MLH1-R522 VLREMLHNH	5061	>MLH1-R522 VLWEMLNH	257	4804
>MLH1-R522 VLREMLHNH	1554	>MLH1-R522 VLWEMLNH	37	1517

>MLH1-R522 VLREMLHNNH	377	>MLH1-R522 VLWEMLHNNH	3641	3264
>MLH1-R522 VLREMLHNNH	69	>MLH1-R522 VLWEMLHNNH	200	131
>MLH1-R522 VLREMLHNNH	171	>MLH1-R522 VLWEMLHNNH	185	14
>MLH1-R522 VLREMLHNNH	50	>MLH1-R522 VLWEMLHNNH	33	17
>MLH1-R522 VLREMLHNNH	101	>MLH1-R522 VLWEMLHNNH	128	27
>MLH1-R522 VLREMLHNNH	4947	>MLH1-R522 VLWEMLHNNH	296	4651
>MLH1-R522 EVLREMLHNI	15	>MLH1-R522 EVLWEMLHNI	25	10
>MLH1-R522 HEVLREML	45	>MLH1-R522 HEVLWEML	25	20
>MLH1-R522 HEVLREMLHI	818	>MLH1-R522 HEVLWEMLHI	438	380
>MLH1-R522 HEVLREML	27	>MLH1-R522 HEVLWEML	19	8
>MLH1-R522 HEVLREML	82	>MLH1-R522 HEVLWEML	49	33
>MLH1-R522 EQGHEVLR	166	>MLH1-R522 EQGHEVLW	33507	33341
>MLH1-R522 NEQGHEVLR	7261	>MLH1-R522 NEQGHEVLW	468	6793
>MLH1-R522 NEQGHEVLR	101	>MLH1-R522 NEQGHEVLW	32	69
>MLH1-R522 NEQGHEVLR	15732	>MLH1-R522 NEQGHEVLW	491	15241
>MLH1-R522 NEQGHEVLR	9222	>MLH1-R522 NEQGHEVLW	61	9161
>MLH1-R522 NEQGHEVLR	1345	>MLH1-R522 NEQGHEVLW	472	873
>MLH1-R522 INEQGHEVLR	32256	>MLH1-R522 INEQGHEVLV	356	31900
>MLH1-R69K RKEDLDIVCEI	148	>MLH1-R69K KKEDLDIVCEI	99	49
>MLH1-R69K IRKEDLDI	1138	>MLH1-R69K IKKEDLDI	288	850
>MLH1-R69K IQDNGTGIRK	233	>MLH1-R69K IQDNGTGIRK	219	14
>MLH1-R69K IQDNGTGIRK	210	>MLH1-R69K IQDNGTGIRK	182	28
>MLH1-R69K QIQDNGTGIF	124	>MLH1-R69K QIQDNGTGIF	116	8
>MLH1-S108 SHVAHVTI	303	>MLH1-S108 RHVAHVTI	2078	1775
>MLH1-S108 SHVAHVTI	3668	>MLH1-S108 RHVAHVTI	426	3242
>MLH1-S108 SHVAHVTI	786	>MLH1-S108 RHVAHVTI	133	653
>MLH1-S108 SHVAHVTI	117	>MLH1-S108 RHVAHVTI	281	164
>MLH1-S108 ISHVAHVTI	411	>MLH1-S108 IRHVAHVTI	3252	2841
>MLH1-S108 ISHVAHVTI	19	>MLH1-S108 IRHVAHVTI	1970	1951
>MLH1-S108 ISHVAHVTI	186	>MLH1-S108 IRHVAHVTI	9703	9517
>MLH1-S108 ISHVAHVTI	130	>MLH1-S108 IRHVAHVTI	68	62
>MLH1-S108 ISHVAHVTI	13	>MLH1-S108 IRHVAHVTI	19615	19602
>MLH1-S108 ISHVAHVTI	21190	>MLH1-S108 IRHVAHVTI	488	20702
>MLH1-S108 ISHVAHVTI	29594	>MLH1-S108 IRHVAHVTI	327	29267
>MLH1-S108 ISHVAHVTI	29	>MLH1-S108 IRHVAHVTI	2661	2632
>MLH1-S108 SISHVAHV	171	>MLH1-S108 SIRHVAHV	4136	3965
>MLH1-S108 SISHVAHV	23	>MLH1-S108 SIRHVAHV	1108	1085
>MLH1-S108 SISHVAHV	12	>MLH1-S108 SIRHVAHV	23	11
>MLH1-S108 SISHVAHVTI	459	>MLH1-S108 SIRHVAHVTI	1423	964
>MLH1-S108 SISHVAHV	26	>MLH1-S108 SIRHVAHV	312	286
>MLH1-S108 SISHVAHV	22	>MLH1-S108 SIRHVAHV	119	97
>MLH1-S108 SISHVAHVTI	291	>MLH1-S108 SIRHVAHVTI	1650	1359
>MLH1-S108 SISHVAHV	101	>MLH1-S108 SIRHVAHV	1171	1070



>MLH1-S108 SISHVAHV	18	>MLH1-S108 SIRHVAHV	185	167
>MLH1-S108 SISHVAHVTI	393	>MLH1-S108 SIRHVAHVTI	5352	4959
>MLH1-S108 SISHVAHV	7	>MLH1-S108 SIRHVAHV	17	10
>MLH1-S108 SISHVAHV	5535	>MLH1-S108 SIRHVAHV	28	5507
>MLH1-S108 SISHVAHVTI	2135	>MLH1-S108 SIRHVAHVTI	15	2120
>MLH1-S108 SISHVAHVTI	41	>MLH1-S108 SIRHVAHVTI	139	98
>MLH1-S108 SISHVAHV	22	>MLH1-S108 SIRHVAHV	840	818
>MLH1-S108 SISHVAHVTI	178	>MLH1-S108 SIRHVAHVTI	2123	1945
>MLH1-S108 SISHVAHV	233	>MLH1-S108 SIRHVAHV	2057	1824
>MLH1-S108 ASISHVAHV	223	>MLH1-S108 ASIRHVAHV	199	24
>MLH1-S108 ASISHVAHV	564	>MLH1-S108 ASIRHVAHV	498	66
>MLH1-S108 ASISHVAHV	227	>MLH1-S108 ASIRHVAHV	1205	978
>MLH1-S108 ASISHVAHV	40	>MLH1-S108 ASIRHVAHV	141	101
>MLH1-S108 ASISHVAHV	91	>MLH1-S108 ASIRHVAHV	162	71
>MLH1-S108 ASISHVAH	194	>MLH1-S108 ASIRHVAH	277	83
>MLH1-S108 ASISHVAHV	18	>MLH1-S108 ASIRHVAHV	21	3
>MLH1-S108 ASISHVAHV	326	>MLH1-S108 ASIRHVAHV	383	57
>MLH1-S108 ASISHVAHV	539	>MLH1-S108 ASIRHVAHV	202	337
>MLH1-S108 ASISHVAHV	71	>MLH1-S108 ASIRHVAHV	84	13
>MLH1-S108 ASISHVAHV	214	>MLH1-S108 ASIRHVAHV	524	310
>MLH1-S108 ASISHVAHV	360	>MLH1-S108 ASIRHVAHV	615	255
>MLH1-S108 ASISHVAH	386	>MLH1-S108 ASIRHVAH	1015	629
>MLH1-S108 ASISHVAHV	321	>MLH1-S108 ASIRHVAHV	817	496
>MLH1-S108 ASISHVAHV	115	>MLH1-S108 ASIRHVAHV	238	123
>MLH1-S108 ASISHVAHV	180	>MLH1-S108 ASIRHVAHV	366	186
>MLH1-S108 ASISHVAHV	21	>MLH1-S108 ASIRHVAHV	35	14
>MLH1-S108 ASISHVAHV	704	>MLH1-S108 ASIRHVAHV	387	317
>MLH1-S108 ASISHVAHV	422	>MLH1-S108 ASIRHVAHV	1591	1169
>MLH1-S108 ASISHVAH	324	>MLH1-S108 ASIRHVAH	457	133
>MLH1-S108 ASISHVAHV	30	>MLH1-S108 ASIRHVAHV	44	14
>MLH1-S108 LASISHVAHV	314	>MLH1-S108 LASIRHVAHV	624	310
>MLH1-S108 LASISHVAHV	97	>MLH1-S108 LASIRHVAHV	133	36
>MLH1-S108 LASISHVAHV	119	>MLH1-S108 LASIRHVAHV	334	215
>MLH1-S108 LASISHVAH	211	>MLH1-S108 LASIRHVAH	794	583
>MLH1-S108 ALASISHV	14	>MLH1-S108 ALASIRHV	46	32
>MLH1-S108 ALASISHVA	58	>MLH1-S108 ALASIRHVA	527	469
>MLH1-S108 ALASISHVAH'	12	>MLH1-S108 ALASIRHVAH	21	9
>MLH1-S108 ALASISHV	2	>MLH1-S108 ALASIRHV	5	3
>MLH1-S108 ALASISHVA	3	>MLH1-S108 ALASIRHVA	11	8
>MLH1-S108 ALASISHVAH'	2	>MLH1-S108 ALASIRHVAH	3	1
>MLH1-S108 ALASISHV	2	>MLH1-S108 ALASIRHV	4	2
>MLH1-S108 ALASISHVA	7	>MLH1-S108 ALASIRHVA	34	27
>MLH1-S108 ALASISHVAH'	2	>MLH1-S108 ALASIRHVAH	4	2

>MLH1-S108 ALASISHV	12	>MLH1-S108 ALASIRHV	56	44
>MLH1-S108 ALASISHVA	289	>MLH1-S108 ALASIRHVA	1591	1302
>MLH1-S108 ALASISHVAH'	12	>MLH1-S108 ALASIRHVAH	25	13
>MLH1-S108 ALASISHV	3	>MLH1-S108 ALASIRHV	6	3
>MLH1-S108 ALASISHVA	30	>MLH1-S108 ALASIRHVA	328	298
>MLH1-S108 ALASISHVAH'	2	>MLH1-S108 ALASIRHVAH	4	2
>MLH1-S108 ALASISHV	5	>MLH1-S108 ALASIRHV	27	22
>MLH1-S108 ALASISHVA	55	>MLH1-S108 ALASIRHVA	2498	2443
>MLH1-S108 ALASISHVAH'	4	>MLH1-S108 ALASIRHVAH	11	7
>MLH1-S108 ALASISHV	5	>MLH1-S108 ALASIRHV	8	3
>MLH1-S108 ALASISHVA	22	>MLH1-S108 ALASIRHVA	160	138
>MLH1-S108 ALASISHVAH'	5	>MLH1-S108 ALASIRHVAH	6	1
>MLH1-S108 ALASISHV	4	>MLH1-S108 ALASIRHV	17	13
>MLH1-S108 ALASISHVA	15	>MLH1-S108 ALASIRHVA	974	959
>MLH1-S108 ALASISHVAH'	3	>MLH1-S108 ALASIRHVAH	6	3
>MLH1-S108 ALASISHV	2	>MLH1-S108 ALASIRHV	2	0
>MLH1-S108 ALASISHVA	4	>MLH1-S108 ALASIRHVA	5	1
>MLH1-S108 ALASISHVAH'	2	>MLH1-S108 ALASIRHVAH	2	0
>MLH1-S108 ALASISHV	179	>MLH1-S108 ALASIRHV	532	353
>MLH1-S108 ALASISHVAH'	118	>MLH1-S108 ALASIRHVAH	122	4
>MLH1-S108 ALASISHVAH'	317	>MLH1-S108 ALASIRHVAH	800	483
>MLH1-S108 ALASISHVAH'	480	>MLH1-S108 ALASIRHVAH	1130	650
>MLH1-S108 EALASISHV	486	>MLH1-S108 EALASIRHV	2862	2376
>MLH1-S108 EALASISHV	15	>MLH1-S108 EALASIRHV	111	96
>MLH1-S108 EALASISHVA	232	>MLH1-S108 EALASIRHVA	154	78
>MLH1-S108 EALASISHV	7	>MLH1-S108 EALASIRHV	21	14
>MLH1-S108 EALASISHVA	72	>MLH1-S108 EALASIRHVA	215	143
>MLH1-S108 EALASISHVAI	395	>MLH1-S108 EALASIRHVAI	885	490
>MLH1-S108 GEALASISHV	105	>MLH1-S108 GEALASIRHV	113	8
>MLH1-S108 GEALASISHV	297	>MLH1-S108 GEALASIRHV	345	48
>MLH1-S108 GEALASISHV,	274	>MLH1-S108 GEALASIRHV,	362	88
>MLH1-S108 GEALASISHV,	13	>MLH1-S108 GEALASIRHV,	16	3
>MLH1-S108 GEALASISHV	66	>MLH1-S108 GEALASIRHV	75	9
>MLH1-S108 GEALASISHV,	291	>MLH1-S108 GEALASIRHV,	312	21
>MLH1-S108 RGEALASIS	33784	>MLH1-S108 RGEALASIR	351	33433
>MLH1-S108 FRGEALASIS	7338	>MLH1-S108 FRGEALASIR	305	7033
>MLH1-S2L-v SFVAGVIRRL	228	>MLH1-S2L-r Lfvagvirrl	2989	2761
>MLH1-S2L-v SFVAGVIRRL	858	>MLH1-S2L-r Lfvagvirrl	457	401
>MLH1-S2L-v SFVAGVIR	84	>MLH1-S2L-r Lfvagvir	118	34
>MLH1-S2L-v SFVAGVIRR	73	>MLH1-S2L-r Lfvagvirr	124	51
>MLH1-S2L-v SFVAGVIRR	424	>MLH1-S2L-r Lfvagvirr	592	168
>MLH1-S2L-v SFVAGVIR	80	>MLH1-S2L-r Lfvagvir	201	121
>MLH1-S2L-v SFVAGVIRR	60	>MLH1-S2L-r Lfvagvirr	163	103

>MLH1-S2L-v MSFVAGVIRF	231	>MLH1-S2L-r MLFVAGVIRF	1421	1190
>MLH1-S2L-v MSFVAGVI	13811	>MLH1-S2L-r MLFVAGVI	163	13648
>MLH1-S2L-v MSFVAGVIRF	9964	>MLH1-S2L-r MLFVAGVIRF	72	9892
>MLH1-S2L-v MSFVAGVI	3460	>MLH1-S2L-r MLFVAGVI	64	3396
>MLH1-S2L-v MSFVAGVIRF	1455	>MLH1-S2L-r MLFVAGVIRF	23	1432
>MLH1-S2L-v MSFVAGVI	5735	>MLH1-S2L-r MLFVAGVI	26	5709
>MLH1-S2L-v MSFVAGVIRF	7024	>MLH1-S2L-r MLFVAGVIRF	53	6971
>MLH1-S2L-v MSFVAGVI	4066	>MLH1-S2L-r MLFVAGVI	380	3686
>MLH1-S2L-v MSFVAGVI	8789	>MLH1-S2L-r MLFVAGVI	9	8780
>MLH1-S2L-v MSFVAGVIRF	3853	>MLH1-S2L-r MLFVAGVIRF	6	3847
>MLH1-S2L-v MSFVAGVI	20706	>MLH1-S2L-r MLFVAGVI	102	20604
>MLH1-S2L-v MSFVAGVIRF	21582	>MLH1-S2L-r MLFVAGVIRF	169	21413
>MLH1-S2L-v MSFVAGVI	18171	>MLH1-S2L-r MLFVAGVI	45	18126
>MLH1-S2L-v MSFVAGVIRF	17303	>MLH1-S2L-r MLFVAGVIRF	29	17274
>MLH1-S2L-v MSFVAGVIRF	23206	>MLH1-S2L-r MLFVAGVIRF	242	22964
>MLH1-S2L-v MSFVAGVI	30509	>MLH1-S2L-r MLFVAGVI	26	30483
>MLH1-S2L-v MSFVAGVIRF	19041	>MLH1-S2L-r MLFVAGVIRF	6	19035
>MLH1-S2L-v MSFVAGVIR	2629	>MLH1-S2L-r MLFVAGVIR	343	2286
>MLH1-S2L-v MSFVAGVIRF	1608	>MLH1-S2L-r MLFVAGVIRF	441	1167
>MLH1-S2L-v MSFVAGVIR	155	>MLH1-S2L-r MLFVAGVIR	733	578
>MLH1-S2L-v MSFVAGVIRF	342	>MLH1-S2L-r MLFVAGVIRF	939	597
>MLH1-S2L-v MSFVAGVI	414	>MLH1-S2L-r MLFVAGVI	2353	1939
>MLH1-S2L-v MSFVAGVIR	15	>MLH1-S2L-r MLFVAGVIR	24	9
>MLH1-S2L-v MSFVAGVIRF	39	>MLH1-S2L-r MLFVAGVIRF	84	45
>MLH1-S2L-v MSFVAGVI	744	>MLH1-S2L-r MLFVAGVI	431	313
>MLH1-S2L-v MSFVAGVIR	756	>MLH1-S2L-r MLFVAGVIR	450	306
>MLH1-S2L-v MSFVAGVIR	5	>MLH1-S2L-r MLFVAGVIR	12	7
>MLH1-S2L-v MSFVAGVIRF	9	>MLH1-S2L-r MLFVAGVIRF	29	20
>MLH1-S2L-v MSFVAGVI	54	>MLH1-S2L-r MLFVAGVI	333	279
>MLH1-S2L-v MSFVAGVIRF	110	>MLH1-S2L-r MLFVAGVIRF	524	414
>MLH1-S2L-v MSFVAGVI	1547	>MLH1-S2L-r MLFVAGVI	483	1064
>MLH1-S2L-v MSFVAGVI	193	>MLH1-S2L-r MLFVAGVI	272	79
>MLH1-S2L-v MSFVAGVIR	152	>MLH1-S2L-r MLFVAGVIR	191	39
>MLH1-S2L-v MSFVAGVIRF	215	>MLH1-S2L-r MLFVAGVIRF	296	81
>MLH1-S2L-v MSFVAGVI	27	>MLH1-S2L-r MLFVAGVI	6266	6239
>MLH1-S2L-v MSFVAGVIRF	7	>MLH1-S2L-r MLFVAGVIRF	1416	1409
>MLH1-S2L-v MSFVAGVIRF	331	>MLH1-S2L-r MLFVAGVIRF	12742	12411
>MLH1-S2L-v MSFVAGVI	120	>MLH1-S2L-r MLFVAGVI	10088	9968
>MLH1-S2L-v MSFVAGVI	494	>MLH1-S2L-r MLFVAGVI	15841	15347
>MLH1-S2L-v MSFVAGVIRF	111	>MLH1-S2L-r MLFVAGVIRF	2046	1935
>MLH1-S2L-v MSFVAGVI	128	>MLH1-S2L-r MLFVAGVI	659	531
>MLH1-S2L-v MSFVAGVIRF	7387	>MLH1-S2L-r MLFVAGVIRF	383	7004
>MLH1-S2L-v MSFVAGVIRF	364	>MLH1-S2L-r MLFVAGVIRF	7976	7612

>MLH1-S2L-v MSFVAGVIR	600	>MLH1-S2L-r MLFVAGVIR	240	360
>MLH1-S2L-v MSFVAGVIRF	561	>MLH1-S2L-r MLFVAGVIRF	169	392
>MLH1-S2L-v MSFVAGVI	8	>MLH1-S2L-r MLFVAGVI	156	148
>MLH1-S2L-v MSFVAGVIRF	101	>MLH1-S2L-r MLFVAGVIRF	5700	5599
>MLH1-V384 VRTDSREQKL	123	>MLH1-V384 DRTDSREQKL	550	427
>MLH1-V384 VRTDSREQKL	226	>MLH1-V384 DRTDSREQKL	1724	1498
>MLH1-V384 MVRTDSREQ	143	>MLH1-V384 MDRTDSREQ	12988	12845
>MLH1-V384 MVRTDSREQ	5	>MLH1-V384 MDRTDSREQ	1023	1018
>MLH1-V384 MVRTDSREQ	60	>MLH1-V384 MDRTDSREQ	10556	10496
>MLH1-V384 MVRTDSREQ	252	>MLH1-V384 MDRTDSREQ	24484	24232
>MLH1-V384 MVRTDSREQ	333	>MLH1-V384 MDRTDSREQ	17703	17370
>MLH1-V384 SSDKVYAHQI	203	>MLH1-V384 SSDKVYAHQI	20007	19804
>MLH1-V384 QMVRTDSR	411	>MLH1-V384 QMDRTDSR	2851	2440
>MLH1-V384 QMVRTDSR	145	>MLH1-V384 QMDRTDSR	1275	1130
>MLH1-V384 QMVRTDSRE	338	>MLH1-V384 QMDRTDSRE	2655	2317
>MLH1-V384 QMVRTDSR	231	>MLH1-V384 QMDRTDSR	1435	1204
>MLH1-V384 HQMVRTDSR	49	>MLH1-V384 HQMDRTDSF	86	37
>MLH1-V384 HQMVRTDSR	566	>MLH1-V384 HQMDRTDSF	426	140
>MLH1-V384 HQMVRTDSR	783	>MLH1-V384 HQMDRTDSF	324	459
>MLH1-V384 HQMVRTDSR	357	>MLH1-V384 HQMDRTDSF	101	256
>MLH1-V384 YAHQMVRTC	20	>MLH1-V384 YAHQMDRTC	19	1
>MLH1-V384 VYAHQMVR	137	>MLH1-V384 VYAHQMDR	1027	890
>MLH1-V384 VYAHQMVR	414	>MLH1-V384 VYAHQMDR	933	519
>MLH1-V384 VYAHQMVR	64	>MLH1-V384 VYAHQMDR	126	62
>MLH1-V384 KVYAHQMV	138	>MLH1-V384 KVYAHQMD	17447	17309
>MLH1-V384 KVYAHQMV	82	>MLH1-V384 KVYAHQMD	23261	23179
>MLH1-V384 KVYAHQMV	94	>MLH1-V384 KVYAHQMD	20631	20537
>MLH1-V384 KVYAHQMV	15	>MLH1-V384 KVYAHQMD	18551	18536
>MLH1-V384 KVYAHQMV	20	>MLH1-V384 KVYAHQMD	21864	21844
>MLH1-V384 KVYAHQMV	7	>MLH1-V384 KVYAHQMD	19218	19211
>MLH1-V384 KVYAHQMV	383	>MLH1-V384 KVYAHQMD	25268	24885
>MLH1-V384 KVYAHQMV	30	>MLH1-V384 KVYAHQMD	23350	23320
>MLH1-V384 KVYAHQMV	14	>MLH1-V384 KVYAHQMD	33173	33159
>MLH1-V384 KVYAHQMV F	28	>MLH1-V384 KVYAHQMD F	33	5
>MLH1-V384 KVYAHQMV F	39	>MLH1-V384 KVYAHQMD F	75	36
>MLH1-V384 KVYAHQMV	50	>MLH1-V384 KVYAHQMD	1836	1786
>MLH1-V384 KVYAHQMV F	49	>MLH1-V384 KVYAHQMD F	243	194
>MLH1-V384 KVYAHQMV F	9	>MLH1-V384 KVYAHQMD F	16	7
>MLH1-V384 KVYAHQMV	350	>MLH1-V384 KVYAHQMD	6012	5662
>MLH1-V384 KVYAHQMV F	459	>MLH1-V384 KVYAHQMD F	996	537
>MLH1-V384 KVYAHQMV F	136	>MLH1-V384 KVYAHQMD F	196	60
>MLH1-V384 KVYAHQMV	121	>MLH1-V384 KVYAHQMD	20583	20462
>MLH1-V384 KVYAHQMV F	829	>MLH1-V384 KVYAHQMD F	418	411

>MLH1-V384 KVYAHQMVF	24	>MLH1-V384 KVYAHQMDF	31	7
>MLH1-V384 SDKVYAHQM	220	>MLH1-V384 SDKVYAHQM	18784	18564
>MLL-A1904' ALWSAEVF	427	>MLL-A1904' VLWSAEVF	311	116
>MLL-A1904' ALWSAEVF	1333	>MLL-A1904' VLWSAEVF	194	1139
>MLL-A1904' ALWSAEVF	68	>MLL-A1904' VLWSAEVF	270	202
>MLL-A1904' ALWSAEVF	86	>MLL-A1904' VLWSAEVF	123	37
>MLL-A1904' ALWSAEVF	469	>MLL-A1904' VLWSAEVF	337	132
>MLL-A1904' ALWSAEVF	8	>MLL-A1904' VLWSAEVF	11	3
>MLL-A1904' ALWSAEVF	876	>MLL-A1904' VLWSAEVF	388	488
>MLL-A1904' CALWSAEV	1148	>MLL-A1904' CVLWSAEV	185	963
>MLL-A1904' CALWSAEV	2183	>MLL-A1904' CVLWSAEV	469	1714
>MLL-A1904' CALWSAEV	176	>MLL-A1904' CVLWSAEV	36	140
>MLL-A1904' CALWSAEV	98	>MLL-A1904' CVLWSAEV	22	76
>MLL-A1904' CALWSAEV	2822	>MLL-A1904' CVLWSAEV	386	2436
>MLL-A1904' CALWSAEV	1481	>MLL-A1904' CVLWSAEV	119	1362
>MLL-A1904' CALWSAEV	428	>MLL-A1904' CVLWSAEV	24	404
>MLL-A1904' CALWSAEV	211	>MLL-A1904' CVLWSAEV	17	194
>MLL-A1904' CALWSAEVF	428	>MLL-A1904' CVLWSAEVF	144	284
>MLL-A1904' CALWSAEV	449	>MLL-A1904' CVLWSAEV	78	371
>MLL-A1904' CALWSAEV	48	>MLL-A1904' CVLWSAEV	19	29
>MLL-A1904' CALWSAEVF	137	>MLL-A1904' CVLWSAEVF	719	582
>MLL-A1904' CALWSAEVF	18	>MLL-A1904' CVLWSAEVF	209	191
>MLL-A1904' CALWSAEVF	91	>MLL-A1904' CVLWSAEVF	284	193
>MLL-A1904' CALWSAEVF	39	>MLL-A1904' CVLWSAEVF	240	201
>MLL-A1904' GQNEWTHVI	1303	>MLL-A1904' GQNEWTHVI	96	1207
>MLL-A1904' GQNEWTHVI	1061	>MLL-A1904' GQNEWTHVI	146	915
>MLL-A1904' GQNEWTHVI	171	>MLL-A1904' GQNEWTHVI	19	152
>MLL-A1904' GQNEWTHVI	167	>MLL-A1904' GQNEWTHVI	25	142
>MLL-A1904' GQNEWTHVI	923	>MLL-A1904' GQNEWTHVI	43	880
>MLL-A1904' GQNEWTHVI	535	>MLL-A1904' GQNEWTHVI	20	515
>MLL-A1904' GQNEWTHVI	1263	>MLL-A1904' GQNEWTHVI	61	1202
>MLL-A1904' GQNEWTHVI	6313	>MLL-A1904' GQNEWTHVI	202	6111
>MLL-A1904' GQNEWTHVI	10400	>MLL-A1904' GQNEWTHVI	312	10088
>MLL-A1904' NCALWSAEV	31	>MLL-A1904' NCVLWSAEV	78	47
>MLL-A1904' NCALWSAEV	26	>MLL-A1904' NCVLWSAEV	49	23
>MLL-A1904' VNCALWSAE'	480	>MLL-A1904' VNCVLWSAE'	1247	767
>MLL-A1904' HVNCALWSA	431	>MLL-A1904' HVNCVLWSA	265	166
>MLL-A1904' HVNCALWSA	94	>MLL-A1904' HVNCVLWSA	74	20
>MLL-A1904' HVNCALWSA	264	>MLL-A1904' HVNCVLWSA	150	114
>MLL-A1904' HVNCALWSA	60	>MLL-A1904' HVNCVLWSA	43	17
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>MLL-A1904' HVNCALWSA	179	>MLL-A1904' HVNCVLWSA	110	69
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>MLL-A1904' HVNCALWSA	61	>MLL-A1904' HVNCVLWSA	81	20
>MLL-A1904' HVNCALWSA	7	>MLL-A1904' HVNCVLWSA	8	1
>MLL-A1904' THVNCALW	34	>MLL-A1904' THVNCVLW	133	99
>MLL-A1904' WTHVNCALV	305	>MLL-A1904' WTHVNCVLV	315	10
>MLL-A1904' WTHVNCAL	191	>MLL-A1904' WTHVNCVL	491	300
>MLL-A1904' WTHVNCALV	83	>MLL-A1904' WTHVNCVLV	79	4
>MLL-A1904' WTHVNCAL	45	>MLL-A1904' WTHVNCVL	59	14
>MLL-A1904' WTHVNCALV	4	>MLL-A1904' WTHVNCVLV	6	2
>MLL-A1904' WTHVNCALV	81	>MLL-A1904' WTHVNCVLV	129	48
>MLL-A1904' WTHVNCALV	49	>MLL-A1904' WTHVNCVLV	126	77
>MLL-A1904' WTHVNCAL	413	>MLL-A1904' WTHVNCVL	333	80
>MLL-A1904' WTHVNCAL	332	>MLL-A1904' WTHVNCVL	179	153
>MLL-A1904' WTHVNCALV	139	>MLL-A1904' WTHVNCVLV	419	280
>MLL-A1904' WTHVNCALV	190	>MLL-A1904' WTHVNCVLV	291	101
>MLL-A1904' WTHVNCALV	811	>MLL-A1904' WTHVNCVLV	410	401
>MLL-A1904' EWTHVNCAL	69	>MLL-A1904' EWTHVNCVL	72	3
>MLL-A1904' EWTHVNCAL	349	>MLL-A1904' EWTHVNCVL	393	44
>MLL-A1904' EWTHVNCA	404	>MLL-A1904' EWTHVNCV	346	58
>MLL-A1904' EWTHVNCAL	153	>MLL-A1904' EWTHVNCVL	476	323
>MLL-A1904' NEWTHVNC/	220	>MLL-A1904' NEWTHVNCV	8	212
>MLL-A1904' NEWTHVNC/	27	>MLL-A1904' NEWTHVNCV	25	2
>MLL-A1904' NEWTHVNC/	33	>MLL-A1904' NEWTHVNCV	44	11
>MLL-A1904' NEWTHVNC/	453	>MLL-A1904' NEWTHVNCV	190	263
>MLL-A1904' NEWTHVNC/	54	>MLL-A1904' NEWTHVNCV	50	4
>MLL-A1904' NEWTHVNC/	170	>MLL-A1904' NEWTHVNCV	221	51
>MLL-A1904' NEWTHVNC/	90	>MLL-A1904' NEWTHVNCV	93	3
>MLL-A1904' NEWTHVNC/	31	>MLL-A1904' NEWTHVNCV	27	4
>MLL-A1904' NEWTHVNC/	31	>MLL-A1904' NEWTHVNCV	125	94
>MLL-A1904' NEWTHVNC/	393	>MLL-A1904' NEWTHVNCV	18	375
>MLL-A1904' NEWTHVNC/	43	>MLL-A1904' NEWTHVNCV	65	22
>MLL-A1904' NEWTHVNC/	200	>MLL-A1904' NEWTHVNCV	164	36

>MLL-D1690 IPSRSSPEGPC	4530	>MLL-D1690 IPSRSSPEGPT	135	4395
>MLL-D1690 GPDPPVLTEV	1851	>MLL-D1690 GPHPPVLTEV	193	1658
>MLL-D1690 EGPDPVPL	227	>MLL-D1690 EGPHPVPL	105	122
>MLL-D1690 EGPDPVPLTE	816	>MLL-D1690 EGPHPVPLTE	293	523
>MLL-D1690 EGPDPVPLTE	2165	>MLL-D1690 EGPHPVPLTE	497	1668
>MLL-D1690 EGPDPVPLTE	29	>MLL-D1690 EGPHPVPLTE	33	4
>MLL-D1690 SPEGDPVPL	419	>MLL-D1690 SPEGPHPPV	316	103
>MLL-D1690 SPEGDPVPL	4245	>MLL-D1690 SPEGPHPPV	278	3967
>MLL-D1690 SPEGDPVPL	84	>MLL-D1690 SPEGPHPPV	19	65
>MLL-D1690 SPEGDPVPL	225	>MLL-D1690 SPEGPHPPV	97	128
>MLL-D1690 SPEGDPVPL	191	>MLL-D1690 SPEGPHPPV	77	114
>MLL-D1690 SPEGDPVPL	536	>MLL-D1690 SPEGPHPPV	342	194
>MLL-D1690 SSPEGDPVPL	467	>MLL-D1690 SSPEGPHPPV	135	332
>MLL-D1690 SSPEGDPVPL	500	>MLL-D1690 SSPEGPHPPV	443	57
>MLL-D1690 SSPEGDPVPL	268	>MLL-D1690 SSPEGPHPPV	72	196
>MLL-D1690 SSPEGDPVPL	386	>MLL-D1690 SSPEGPHPPV	41	345
>MLL-D1690 SSPEGDPVPL	95	>MLL-D1690 SSPEGPHPPV	17	78
>MLL-D1690 SSPEGDPVPL	12	>MLL-D1690 SSPEGPHPPV	6	6
>MLL-D1690 SSPEGDPVPL	489	>MLL-D1690 SSPEGPHPPV	485	4
>MLL-D1690 RSSPEGDP	288	>MLL-D1690 RSSPEGPHPP	48	240
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>MLL-D1690 RSSPEGDP	5750	>MLL-D1690 RSSPEGPH	140	5610
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>MLL-D1690 RSSPEGDP	2208	>MLL-D1690 RSSPEGPHPP	441	1767
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>MLL-E1464<NERPLEDQL	167	>MLL-E1464<NGRPLEDQL	27121	26954
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>MLL-E1464<LEENERPL	1507	>MLL-E1464<LEENGRPL	84	1423
>MLL-E1464<LEENERPL	1003	>MLL-E1464<LEENGRPL	242	761
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>MLL-E1464<LEENERPL	436	>MLL-E1464<LEENGRPL	214	222
>MLL-E1464<CLEENERPL	904	>MLL-E1464<CLEENGRPL	488	416
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>MLL-E1464<HKFCLEENER	246	>MLL-E1464<HKFCLEENGR	581	335
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>MLL-G2158 GCRPLPSA	234	>MLL-G2158 DCRPLPSA	5279	5045
>MLL-G2158 SPGCRPLPSA	332	>MLL-G2158 SPDCRPLPSA	136	196
>MLL-G2158 RSPGCRPL	445	>MLL-G2158 RSPDCRPL	1473	1028
>MLL-G2158 RSPGCRPL	207	>MLL-G2158 RSPDCRPL	229	22

>MLL-G2158 RSPGCRPL	151	>MLL-G2158 RSPDCRPL	110	41
>MLL-G2158 RSPGCRPLP	342	>MLL-G2158 RSPDCRPLP	364	22
>MLL-G2158 RSPGCRPLPS	287	>MLL-G2158 RSPDCRPLPS	310	23
>MLL-G2158 RSPGCRPL	274	>MLL-G2158 RSPDCRPL	349	75
>MLL-G2158 RSPGCRPL	414	>MLL-G2158 RSPDCRPL	251	163
>MLL-G2158 QRSPGCRPL	443	>MLL-G2158 QRSPDCRPL	472	29
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>MLL-G2158 TQRSPGCR	197	>MLL-G2158 TQRSPDCR	354	157
>MLL-G2158 TQRSPGCRPL	142	>MLL-G2158 TQRSPDCRPL	264	122
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>MLL-G2158 TQRSPGCRPL	31	>MLL-G2158 TQRSPDCRPL	71	40
>MLL-G2158 YSPTQRSPGC	174	>MLL-G2158 YSPTQRSPDC	130	44
>MLL-G2158 YSPTQRSPGC	447	>MLL-G2158 YSPTQRSPDC	758	311
>MLL-G2274 VGNKNSHL	7023	>MLL-G2274 VRNKNSHL	372	6651
>MLL-G2274 VGNKNSHL	28849	>MLL-G2274 VRNKNSHL	247	28602
>MLL-G2274 SNLQRTVVTV	31630	>MLL-G2274 SNLQRTVVTV	328	31302
>MLL-G2274 TVGNKNSHL	13111	>MLL-G2274 TVRNKNSHL	61	13050
>MLL-G2274 TVGNKNSHLI	16296	>MLL-G2274 TVRNKNSHLI	453	15843
>MLL-G2274 TVGNKNSHL	5466	>MLL-G2274 TVRNKNSHL	406	5060
>MLL-G2274 TVGNKNSHL	3921	>MLL-G2274 TVRNKNSHL	264	3657
>MLL-G2274 VTVGNKNSH	148	>MLL-G2274 VTVRNKNSHI	234	86
>MLL-G2274 VTVGNKNSH	16	>MLL-G2274 VTVRNKNSHI	43	27
>MLL-G2274 VTVGNKNSH	351	>MLL-G2274 VTVRNKNSHI	1292	941
>MLL-G2274 VVTVGNKNSI	1632	>MLL-G2274 VVTVRNKNST	313	1319
>MLL-G2274 TVVTVGNK	304	>MLL-G2274 TVVTVRNK	375	71
>MLL-G2274 TVVTVGNK	39	>MLL-G2274 TVVTVRNK	51	12
>MLL-G2274 TVVTVGNK	20	>MLL-G2274 TVVTVRNK	22	2
>MLL-G2274 RTVVTVGNK	131	>MLL-G2274 RTVVTVRNK	243	112
>MLL-G2274 RTVVTVGNK	47	>MLL-G2274 RTVVTVRNK	81	34
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>MLL-G2274 RTVVTVGNK	215	>MLL-G2274 RTVVTVRNK	188	27
>MLL-G2274 RTVVTVGNK	379	>MLL-G2274 RTVVTVRNK	815	436
>MLL-G2274 RTVVTVGNKI	343	>MLL-G2274 RTVVTVRNKI	363	20
>MLL-G2274 RTVVTVGNK	471	>MLL-G2274 RTVVTVRNK	284	187
>MLL-G2274 QRTVVTVG	7667	>MLL-G2274 QRTVVTVR	295	7372
>MLL-G2274 QRTVVTVGN	285	>MLL-G2274 QRTVVTVRNI	553	268
>MLL-G2274 LQRTVVTVGN	342	>MLL-G2274 LQRTVVTVRN	560	218
>MLL-G2274 LQRTVVTVGN	31	>MLL-G2274 LQRTVVTVRN	29	2
>MLL-G2274 LQRTVVTVG	19151	>MLL-G2274 LQRTVVTVR	35	19116
>MLL-G2274 LQRTVVTVG	148	>MLL-G2274 LQRTVVTVR	2114	1966
>MLL-G2274 LQRTVVTVG	1012	>MLL-G2274 LQRTVVTVR	44	968
>MLL-G2274 LQRTVVTVGN	434	>MLL-G2274 LQRTVVTVRN	150	284
>MLL-G3550 KGNKGGKH	420	>MLL-G3550 KRNGKGGKH	2323	1903



>MLL-G3550 KGNGKKHK	20787	>MLL-G3550 KRNGKKHK	135	20652
>MLL-G3550 KGNGKKHKV	23183	>MLL-G3550 KRNGKKHKV	170	23013
>MLL-G3550 KGNGKKHKV	23043	>MLL-G3550 KRNGKKHKV	335	22708
>MLL-G3550 KGNGKKHK	29214	>MLL-G3550 KRNGKKHK	489	28725
>MLL-G3550 FQLPLDKG	453	>MLL-G3550 FQLPLDKR	2798	2345
>MLL-G3550 RFQLPLDKG	20066	>MLL-G3550 RFQLPLDKR	31	20035
>MLL-G3550 RFQLPLDKG	35460	>MLL-G3550 RFQLPLDKR	142	35318
>MLL-G3550 KRFQLPLDKG	302	>MLL-G3550 KRFQLPLDKR	26	276
>MLL-G3550 KRFQLPLDKG	319	>MLL-G3550 KRFQLPLDKR	375	56
>MLL-G3550 KRFQLPLDKG	1363	>MLL-G3550 KRFQLPLDKR	356	1007
>MLL-G3550 KRFQLPLDKG	397	>MLL-G3550 KRFQLPLDKR	311	86
>MLL-G3550 KRFQLPLDKG	20738	>MLL-G3550 KRFQLPLDKR	41	20697
>MLL-I960M·ILIKKGRGNL	713	>MLL-I960M·MLIKKGRGNI	383	330
>MLL-I960M·ILIKKGRGNL	125	>MLL-I960M·MLIKKGRGNI	75	50
>MLL-I960M·ILIKKGRGNL	651	>MLL-I960M·MLIKKGRGNI	270	381
>MLL-I960M·ILIKKGRGNL	95	>MLL-I960M·MLIKKGRGNI	32	63
>MLL-I960M·KILIKKGRGNL	3235	>MLL-I960M·KMLIKKGRGN	104	3131
>MLL-I960M·KILIKKGRGNL	4988	>MLL-I960M·KMLIKKGRGN	259	4729
>MLL-I960M·KILIKKGRGNL	5668	>MLL-I960M·KMLIKKGRGN	192	5476
>MLL-I960M·KILIKKGR	30	>MLL-I960M·KMLIKKGR	13	17
>MLL-I960M·KILIKKGR	33	>MLL-I960M·KMLIKKGR	25	8
>MLL-I960M·KTKILIKK	121	>MLL-I960M·KTKMLIKK	98	23
>MLL-I960M·KTKILIKK	65	>MLL-I960M·KTKMLIKK	42	23
>MLL-I960M·KTKILIKK	4	>MLL-I960M·KTKMLIKK	4	0
>MLL-I960M·KTKILIKKG	278	>MLL-I960M·KTKMLIKKG	156	122
>MLL-I960M·KTKILIKKGR	153	>MLL-I960M·KTKMLIKKGR	96	57
>MLL-I960M·KTKILIKKGRG	313	>MLL-I960M·KTKMLIKKGR	199	114
>MLL-I960M·KTKILIKK	20	>MLL-I960M·KTKMLIKK	17	3
>MLL-I960M·KTKILIKKGR	9	>MLL-I960M·KTKMLIKKGR	8	1
>MLL-I960M·KTKILIKKGR	106	>MLL-I960M·KTKMLIKKGR	112	6
>MLL-I960M·AVTKILIK	112	>MLL-I960M·AVTKMLIK	116	4
>MLL-I960M·AVTKILIKK	42	>MLL-I960M·AVTKMLIKK	42	0
>MLL-I960M·AVTKILIK	85	>MLL-I960M·AVTKMLIK	60	25
>MLL-I960M·AVTKILIKK	42	>MLL-I960M·AVTKMLIKK	43	1
>MLL-I960M·AVTKILI	18	>MLL-I960M·AVTKMLI	15	3
>MLL-I960M·AVTKILIK	5	>MLL-I960M·AVTKMLIK	5	0
>MLL-I960M·AVTKILIKK	5	>MLL-I960M·AVTKMLIKK	5	0
>MLL-I960M·AVTKILIKK	385	>MLL-I960M·AVTKMLIKK	548	163
>MLL-I960M·AVTKILIKK	341	>MLL-I960M·AVTKMLIKK	503	162
>MLL-I960M·AVTKILIK	871	>MLL-I960M·AVTKMLIK	408	463
>MLL-I960M·TAVTKILIK	1162	>MLL-I960M·TAVTKMLIK	478	684
>MLL-I960M·TAVTKILIK	116	>MLL-I960M·TAVTKMLIK	68	48
>MLL-I960M·TAVTKILIKK	93	>MLL-I960M·TAVTKMLIK	71	22

>MLL-I960M·TAVKTKILIKK	39	>MLL-I960M·TAVKTKMLIK	43	4
>MLL-I960M·TAVKTKILI	1149	>MLL-I960M·TAVKTKMLI	400	749
>MLL-I960M·TTAVKTKILI	632	>MLL-I960M·TTAVKTKMLI	461	171
>MLL-I960M·TTAVKTKILIK	290	>MLL-I960M·TTAVKTKMLI	263	27
>MLL-I960M·TTAVKTKILIK	37	>MLL-I960M·TTAVKTKMLI	29	8
>MLL-I960M·TTAVKTKILIK	44	>MLL-I960M·TTAVKTKMLI	43	1
>MLL-I960M·TTAVKTKI	31	>MLL-I960M·TTAVKTKM	491	460
>MLL-I960M·TTAVKTKIL	840	>MLL-I960M·TTAVKTKML	244	596
>MLL-I960M·TTAVKTKILI	253	>MLL-I960M·TTAVKTKMLI	172	81
>MLL-I960M·TTAVKTKI	550	>MLL-I960M·TTAVKTKM	70	480
>MLL-I960M·TTAVKTKIL	126	>MLL-I960M·TTAVKTKML	39	87
>MLL-I960M·TTAVKTKIL	560	>MLL-I960M·TTAVKTKML	462	98
>MLL-I960M·TTAVKTKILI	435	>MLL-I960M·TTAVKTKMLI	563	128
>MLL-I960M·TTAVKTKI	2340	>MLL-I960M·TTAVKTKM	415	1925
>MLL-I960M·TTAVKTKILI	164	>MLL-I960M·TTAVKTKMLI	241	77
>MLL-I960M·TTAVKTKILIK	177	>MLL-I960M·TTAVKTKMLI	145	32
>MLL-I960M·TTAVKTKI	52	>MLL-I960M·TTAVKTKM	1973	1921
>MLL-I960M·TTAVKTKILI	116	>MLL-I960M·TTAVKTKMLI	64	52
>MLL-I960M·DTTAVKTKI	33	>MLL-I960M·DTTAVKTKM	731	698
>MLL-I960M·DTTAVKTKILI	53	>MLL-I960M·DTTAVKTKMI	29	24
>MLL-I960M·DTTAVKTKI	2951	>MLL-I960M·DTTAVKTKM	161	2790
>MLL-I960M·GDTTAVKTKI	151	>MLL-I960M·GDTTAVKTKM	4432	4281
>MLL-K2330I·KLAPQVHNT	179	>MLL-K2330I·ELAPQVHNT	12949	12770
>MLL-K2330I·KLAPQVHNT	24	>MLL-K2330I·ELAPQVHNT	445	421
>MLL-K2330I·KLAPQVHNT	198	>MLL-K2330I·ELAPQVHNT	3449	3251
>MLL-K2330I·KLAPQVHNT	18	>MLL-K2330I·ELAPQVHNT	999	981
>MLL-K2330I·KLAPQVHNT	152	>MLL-K2330I·ELAPQVHNT	5139	4987
>MLL-K2330I·KLAPQVHNT	89	>MLL-K2330I·ELAPQVHNT	1709	1620
>MLL-K2330I·KLAPQVHNT	120	>MLL-K2330I·ELAPQVHNT	1985	1865
>MLL-K2330I·KLAPQVHNT	341	>MLL-K2330I·ELAPQVHNT	7176	6835
>MLL-K2330I·KLAPQVHNT	59	>MLL-K2330I·ELAPQVHNT	1378	1319
>MLL-K2330I·KLAPQVHNT	185	>MLL-K2330I·ELAPQVHNT	3197	3012
>MLL-K2330I·KLAPQVHNT	183	>MLL-K2330I·ELAPQVHNT	478	295
>MLL-K2330I·KLAPQVHNT	8	>MLL-K2330I·ELAPQVHNT	32	24
>MLL-K2330I·KLAPQVHNT	33	>MLL-K2330I·ELAPQVHNT	238	205
>MLL-K2330I·KLAPQVHNT	267	>MLL-K2330I·ELAPQVHNT	2056	1789
>MLL-K2330I·IPKLAPQV	181	>MLL-K2330I·IPELAPQV	151	30
>MLL-K2330I·IPKLAPQVH	1465	>MLL-K2330I·IPELAPQVH	320	1145
>MLL-K2330I·IPKLAPQV	240	>MLL-K2330I·IPELAPQV	364	124
>MLL-K2330I·GIPKLAPQV	3197	>MLL-K2330I·GIPELAPQV	451	2746
>MLL-K2330I·GIPKLAPQV	712	>MLL-K2330I·GIPELAPQV	136	576
>MLL-K2330I·GIPKLAPQV	517	>MLL-K2330I·GIPELAPQV	67	450
>MLL-K2330I·GIPKLAPQV	142	>MLL-K2330I·GIPELAPQV	14	128

>MLL-K2330IGIPKLAPQV	3183	>MLL-K2330IGIPELAPQV	418	2765
>MLL-K2330IGIPKLAPQV	19	>MLL-K2330IGIPELAPQV	8	11
>MLL-K2330IGIPKLAPQV	4058	>MLL-K2330IGIPELAPQV	266	3792
>MLL-K2330IGIPKLAPQV	23	>MLL-K2330IGIPELAPQV	7	16
>MLL-K2330IYPGIPKLAPQ'	235	>MLL-K2330IYPGIPELAPQ'	321	86
>MLL-K2330IYPGIPKLAPQ'	239	>MLL-K2330IYPGIPELAPQ'	547	308
>MLL-K2330IYPGIPKLA	57	>MLL-K2330IYPGIPELA	159	102
>MLL-K2330IYPGIPKLAPQ'	191	>MLL-K2330IYPGIPELAPQ'	209	18
>MLL-K2330IAYPGIPKL	335	>MLL-K2330IAYPGIPEL	336	1
>MLL-K2330IAYPGIPKL	7	>MLL-K2330IAYPGIPEL	5	2
>MLL-K2330IAYPGIPKL	255	>MLL-K2330IAYPGIPEL	229	26
>MLL-K2330IVAYPGIPKL	123	>MLL-K2330IVAYPGIPEL	87	36
>MLL-K2330IVAYPGIPKL	1183	>MLL-K2330IVAYPGIPEL	450	733
>MLL-K2330IVAYPGIPKL	1635	>MLL-K2330IVAYPGIPEL	256	1379
>MLL-K2330IVAYPGIPKL	81	>MLL-K2330IVAYPGIPEL	16	65
>MLL-K2330IVAYPGIPKL	56	>MLL-K2330IVAYPGIPEL	22	34
>MLL-K2330IVAYPGIPKLA	967	>MLL-K2330IVAYPGIPELA	279	688
>MLL-K2330IVAYPGIPKL	185	>MLL-K2330IVAYPGIPEL	80	105
>MLL-K2330IVAYPGIPKL	27	>MLL-K2330IVAYPGIPEL	13	14
>MLL-K2330IVAYPGIPK	55	>MLL-K2330IVAYPGIPE	18607	18552
>MLL-K2330IVAYPGIPK	14	>MLL-K2330IVAYPGIPE	18253	18239
>MLL-K2330IVAYPGIPK	197	>MLL-K2330IVAYPGIPE	14460	14263
>MLL-K2330IVAYPGIPK	366	>MLL-K2330IVAYPGIPE	18695	18329
>MLL-K2330IVAYPGIPKL	918	>MLL-K2330IVAYPGIPEL	410	508
>MLL-K2330IVAYPGIPKL	5	>MLL-K2330IVAYPGIPEL	5	0
>MLL-K2330IVAYPGIPKL	482	>MLL-K2330IVAYPGIPEL	417	65
>MLL-K2330IVAYPGIPKL	109	>MLL-K2330IVAYPGIPEL	187	78
>MLL-K2330INVAYPGIPK	40	>MLL-K2330INVAYPGIPE	21675	21635
>MLL-K2330INVAYPGIPK	43	>MLL-K2330INVAYPGIPE	7325	7282
>MLL-K2330INVAYPGIPKL	1001	>MLL-K2330INVAYPGIPEL	418	583
>MLL-K2330INVAYPGIPKL	34	>MLL-K2330INVAYPGIPEL	11	23
>MLL-K2330INVAYPGIPKL	72	>MLL-K2330INVAYPGIPEL	46	26
>MLL-K2330HNVAYPGIPK	686	>MLL-K2330HNVAYPGIPE	229	457
>MLL-N2590NLPVQDRNLI	1122	>MLL-N2590KLPVQDRNLI	445	677
>MLL-N2590NLPVQDRNLI	2490	>MLL-N2590KLPVQDRNLI	439	2051
>MLL-N2590NLPVQDRNLI	3182	>MLL-N2590KLPVQDRNLI	328	2854
>MLL-N2590NLPVQDRNLI	441	>MLL-N2590KLPVQDRNLI	101	340
>MLL-N2590QNLPVQDRN	8512	>MLL-N2590QKLPVQDRN	498	8014
>MLL-N2590QNLPVQDRN	7769	>MLL-N2590QKLPVQDRN	254	7515
>MLL-N2590CQDSQSNNY	26554	>MLL-N2590CQDSQSNNY	393	26161
>MLL-N2590YQNLVPVQDR	409	>MLL-N2590YQKLPVQDR	338	71
>MLL-N2590YQNLVPVQDR	97	>MLL-N2590YQKLPVQDR	83	14
>MLL-N2590NYQNLVPVQD	158	>MLL-N2590NYQKLPVQD	84	74

>MLL-N2590 NNYQNLPV	435	>MLL-N2590 NNYQKLPV	1784	1349
>MLL-N2590 QSNNYQNL	206	>MLL-N2590 QSNNYQKL	943	737
>MLL-N2590 QSNNYQNL	317	>MLL-N2590 QSNNYQKLPV	948	631
>MLL-N2590 QSNNYQNL	351	>MLL-N2590 QSNNYQKL	227	124
>MLL-N2590 SQSNNYQNL	299	>MLL-N2590 SQSNNYQKLF	996	697
>MLL-N2590 SQSNNYQNL	435	>MLL-N2590 SQSNNYQKLF	1119	684
>MLL-N2590 SQSNNYQNL	53	>MLL-N2590 SQSNNYQKLF	115	62
>MLL-N2590 SQSNNYQNL	17	>MLL-N2590 SQSNNYQKLF	31	14
>MLL-N2590 SQSNNYQNL	245	>MLL-N2590 SQSNNYQKLF	286	41
>MLL-N2590 SQSNNYQNL	119	>MLL-N2590 SQSNNYQKLF	227	108
>MLL-N2590 SQSNNYQNL	241	>MLL-N2590 SQSNNYQKLF	332	91
>MLL-N2590 SQSNNYQN	19211	>MLL-N2590 SQSNNYQK	23	19188
>MLL-N2590 SQSNNYQNL	281	>MLL-N2590 SQSNNYQKLF	506	225
>MLL-N2590 SQSNNYQNL	20	>MLL-N2590 SQSNNYQKL	43	23
>MLL-N2590 SQSNNYQNL	34	>MLL-N2590 SQSNNYQKLF	76	42
>MLL-N2590 DSQSNNYQN	13063	>MLL-N2590 DSQSNNYQK	43	13020
>MLL-P2170:PTTHEIVTV	5113	>MLL-P2170:STTHEIVTV	277	4836
>MLL-P2170:PTTHEIVTV	4761	>MLL-P2170:STTHEIVTV	46	4715
>MLL-P2170:PTTHEIVTV	2927	>MLL-P2170:STTHEIVTV	84	2843
>MLL-P2170:PTTHEIVTV	8701	>MLL-P2170:STTHEIVTV	238	8463
>MLL-P2170:PTTHEIVTV	3309	>MLL-P2170:STTHEIVTV	57	3252
>MLL-P2170:PTTHEIVTV	1242	>MLL-P2170:STTHEIVTV	57	1185
>MLL-P2170:PTTHEIVTV	3279	>MLL-P2170:STTHEIVTV	483	2796
>MLL-P2170:PTTHEIVTV	1657	>MLL-P2170:STTHEIVTV	22	1635
>MLL-P2170:PTTHEIVTV	6166	>MLL-P2170:STTHEIVTV	425	5741
>MLL-P2170:TPTTHEIV	9349	>MLL-P2170:TSTTHEIV	472	8877
>MLL-P2170:TPTTHEIVTV	13561	>MLL-P2170:TSTTHEIVTV	296	13265
>MLL-P2170:TPTTHEIVT	280	>MLL-P2170:TSTTHEIVT	13168	12888
>MLL-P2170:TPTTHEIVTV	211	>MLL-P2170:TSTTHEIVTV	23123	22912
>MLL-P2170:PTPTTHEI	21	>MLL-P2170:PTSTTHEI	5734	5713
>MLL-P2170:PTPTTHEIV	12	>MLL-P2170:PTSTTHEIV	2483	2471
>MLL-P2170:PTPTTHEIVTV	20	>MLL-P2170:PTSTTHEIVTV	2999	2979
>MLL-P2170:SPTPTTHEI	297	>MLL-P2170:SPTSTTHEI	605	308
>MLL-P2170:SPTPTTHEI	67	>MLL-P2170:SPTSTTHEI	36	31
>MLL-P2170:SPTPTTHEI	54	>MLL-P2170:SPTSTTHEI	58	4
>MLL-P2170:SPTPTTHEIV	95	>MLL-P2170:SPTSTTHEIV	38	57
>MLL-P2170:SPTPTTHEIVT	465	>MLL-P2170:SPTSTTHEIVT	501	36
>MLL-P2170:SPTPTTHEI	584	>MLL-P2170:SPTSTTHEI	242	342
>MLL-P2170:SPTPTTHEIV	209	>MLL-P2170:SPTSTTHEIV	152	57
>MLL-P2170:SPTPTTHEI	381	>MLL-P2170:SPTSTTHEI	297	84
>MLL-P2170:GSPTPTTHEI	13	>MLL-P2170:GSPTSTTHEI	18	5
>MLL-P2170:GSPTPTTHEIV	12	>MLL-P2170:GSPTSTTHEIV	15	3
>MLL-P2170:GSPTPTTHEI	215	>MLL-P2170:GSPTSTTHEI	179	36

>MLL-P2170!AGSPTPTTHE	296	>MLL-P2170!AGSPTSTTHE	321	25
>MLL-P2170!LPSAGSPTP	425	>MLL-P2170!LPSAGSPTS	50	375
>MLL-P2170!LPSAGSPTPT	50	>MLL-P2170!LPSAGSPTST	48	2
>MLL-P2170!LPSAGSPTP	697	>MLL-P2170!LPSAGSPTS	368	329
>MLL-P2170!LPSAGSPTPT	132	>MLL-P2170!LPSAGSPTST	287	155
>MLL-R2204!RSKLRIMS	29	>MLL-R2204!QSKLRIMS	1551	1522
>MLL-R2204!RSKLRIMSP	24	>MLL-R2204!QSKLRIMSP	1384	1360
>MLL-R2204!RSKLRIMSPN	8	>MLL-R2204!QSKLRIMSPN	142	134
>MLL-R2204!RSKLRIMSPN	9	>MLL-R2204!QSKLRIMSPN	239	230
>MLL-R2204!RSKLRIMSPN	10	>MLL-R2204!QSKLRIMSPN	72	62
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>MLL-R2204!RSKLRIMSPN	1325	>MLL-R2204!QSKLRIMSPN	236	1089
>MLL-R2204!RSKLRIMSPN	132	>MLL-R2204!QSKLRIMSPN	672	540
>MLL-R2204!RSKLRIMSPN	129	>MLL-R2204!QSKLRIMSPN	772	643
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>MLL-R2204!RSKLRIMSPN	19	>MLL-R2204!QSKLRIMSPN	34	15
>MLL-R2204!QRSKLRIMSP	16446	>MLL-R2204!QQSKLRIMSF	95	16351
>MLL-R2204!QRSKLRIM	764	>MLL-R2204!QQSKLRIM	146	618
>MLL-R2204!QRSKLRIMSP	203	>MLL-R2204!QQSKLRIMSF	29	174
>MLL-R2204!QRSKLRIM	166	>MLL-R2204!QQSKLRIM	3587	3421
>MLL-R2204!QRSKLRIMSP	58	>MLL-R2204!QQSKLRIMSF	1216	1158
>MLL-R2204!QRSKLRIMSP	466	>MLL-R2204!QQSKLRIMSF	463	3
>MLL-R2204!QRSKLRIMSP	189	>MLL-R2204!QQSKLRIMSF	2952	2763
>MLL-R2204!RHSTSSLSPQI	251	>MLL-R2204!RHSTSSLSPQI	24326	24075
>MLL-R2204!SPQRSKLRI	117	>MLL-R2204!SPQQSKLRI	142	25
>MLL-R2204!SPQRSKLRI	120	>MLL-R2204!SPQQSKLRI	95	25
>MLL-R2204!SPQRSKLRI	46	>MLL-R2204!SPQQSKLRIM	55	9
>MLL-R2204!LSPQRSKL	411	>MLL-R2204!LSPQQSKL	375	36
>MLL-R2204!LSPQRSKL	368	>MLL-R2204!LSPQQSKL	175	193
>MLL-R2204!LSPQRSKLRI	57	>MLL-R2204!LSPQQSKLRI	58	1
>MLL-R2204!LSPQRSKLRI	5	>MLL-R2204!LSPQQSKLRIM	6	1
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>MLL-R2204!LSPQRSKLRI	26	>MLL-R2204!LSPQQSKLRI	33	7
>MLL-R2204!SLSPQRSKL	50	>MLL-R2204!SLSPQQSKL	15	35
>MLL-R2204!SLSPQRSKLRI	414	>MLL-R2204!SLSPQQSKLRIM	177	237
>MLL-R2204!SLSPQRSKL	116	>MLL-R2204!SLSPQQSKL	42	74
>MLL-R2204!SLSPQRSKLRI	183	>MLL-R2204!SLSPQQSKLRIM	111	72
>MLL-R2204!SLSPQRSKL	808	>MLL-R2204!SLSPQQSKL	124	684
>MLL-R2204!SLSPQRSKLRI	260	>MLL-R2204!SLSPQQSKLRIM	90	170
>MLL-R2204!SLSPQRSKL	2436	>MLL-R2204!SLSPQQSKL	237	2199
>MLL-R2204!SLSPQRSKL	225	>MLL-R2204!SLSPQQSKL	42	183
>MLL-R2204!SLSPQRSKLRI	228	>MLL-R2204!SLSPQQSKLRIM	76	152
>MLL-R2204!SLSPQRSKL	4475	>MLL-R2204!SLSPQQSKL	352	4123

>MLL-R2204(SLSPQRSK	2112	>MLL-R2204(SLSPQQSK	294	1818
>MLL-R2204(SLSPQRSKL	4	>MLL-R2204(SLSPQQSKL	3	1
>MLL-R2204(SLSPQRSKLR	8	>MLL-R2204(SLSPQQSKLR	6	2
>MLL-R2204(SLSPQRSK	73	>MLL-R2204(SLSPQQSK	74	1
>MLL-R2204(SLSPQRSK	86	>MLL-R2204(SLSPQQSK	81	5
>MLL-R2204(SLSPQRSK	293	>MLL-R2204(SLSPQQSK	379	86
>MLL-R2204(SLSPQRSKLR	111	>MLL-R2204(SLSPQQSKLR	397	286
>MLL-R2204(SLSPQRSKLR	131	>MLL-R2204(SLSPQQSKLR	110	21
>MLL-R2204(SLSPQRSKLR	465	>MLL-R2204(SLSPQQSKLR	574	109
>MLL-R2204(SSLSPQRSK	309	>MLL-R2204(SSLSPQQSK	364	55
>MLL-R2204(SSLSPQRSK	46	>MLL-R2204(SSLSPQQSK	34	12
>MLL-R2204(SSLSPQRSK	60	>MLL-R2204(SSLSPQQSK	47	13
>MLL-R2204(SSLSPQRSKLF	99	>MLL-R2204(SSLSPQQSKLI	112	13
>MLL-R2204(SSLSPQRSKL	32	>MLL-R2204(SSLSPQQSKL	21	11
>MLL-R2204(SSLSPQRSKL	535	>MLL-R2204(SSLSPQQSKL	258	277
>MLL-R2204(SSLSPQRSK	223	>MLL-R2204(SSLSPQQSK	514	291
>MLL-R2204(SSLSPQRSKLF	253	>MLL-R2204(SSLSPQQSKLI	369	116
>MLL-R2204(SSLSPQRSKL	337	>MLL-R2204(SSLSPQQSKL	1160	823
>MLL-R2204(TSSLSPQR	407	>MLL-R2204(TSSLSPQQ	19632	19225
>MLL-R2204(TSSLSPQRSK	48	>MLL-R2204(TSSLSPQQSK	24	24
>MLL-R2204(TSSLSPQRSK	524	>MLL-R2204(TSSLSPQQSK	400	124
>MLL-R2204(TSSLSPQR	393	>MLL-R2204(TSSLSPQQ	20273	19880
>MLL-R2204(TSSLSPQR	28	>MLL-R2204(TSSLSPQQ	5912	5884
>MLL-R2204(TSSLSPQRSK	1264	>MLL-R2204(TSSLSPQQSK	449	815
>MLL-R2204(TSSLSPQRSKI	30	>MLL-R2204(TSSLSPQQSK	22	8
>MLL-R2204(TSSLSPQRSKI	449	>MLL-R2204(TSSLSPQQSK	503	54
>MLL-R2204(STSSLSPQRSK	139	>MLL-R2204(STSSLSPQQSI	154	15
>MLL-R2204(STSSLSPQR	54	>MLL-R2204(STSSLSPQQ	10869	10815
>MLL-R2204(STSSLSPQRSK	21	>MLL-R2204(STSSLSPQQSI	18	3
>MLL-R2204(STSSLSPQRSK	33	>MLL-R2204(STSSLSPQQSI	28	5
>MLL-R2204(STSSLSPQR	41	>MLL-R2204(STSSLSPQQ	15389	15348
>MLL-R2204(STSSLSPQR	9	>MLL-R2204(STSSLSPQQ	1223	1214
>MLL-R2204(STSSLSPQRSK	53	>MLL-R2204(STSSLSPQQSI	38	15
>MLL-R2204(STSSLSPQR	616	>MLL-R2204(STSSLSPQQ	234	382
>MLL-R2204(STSSLSPQRS	796	>MLL-R2204(STSSLSPQQS	478	318
>MLL-R2204(STSSLSPQR	135	>MLL-R2204(STSSLSPQQ	1255	1120
>MLL-R2204(STSSLSPQRSK	165	>MLL-R2204(STSSLSPQQSI	249	84
>MLL-R2204(HSTSSLSPQR	36	>MLL-R2204(HSTSSLSPQQ	23980	23944
>MLL-R353Q EGLSQLGLF	1581	>MLL-R353Q QGLSQLGLF	319	1262
>MLL-R353Q LEGSQLGL	427	>MLL-R353Q LQGLSQLGL	9449	9022
>MLL-R353Q LEGSQLGLF	189	>MLL-R353Q LQGLSQLGLF	9369	9180
>MLL-R353Q LEGSQLGLFI	44	>MLL-R353Q LQGLSQLGLF	2128	2084
>MLL-R353Q LEGSQLGLFI	12690	>MLL-R353Q LQGLSQLGLF	402	12288

>MLL-R353Q LEGLSQLGLF	3687	>MLL-R353Q LQGLSQLGLF	103	3584
>MLL-R353Q LEGLSQLGLFI	10600	>MLL-R353Q LQGLSQLGLF	412	10188
>MLL-R353Q LEGLSQLGLF	3647	>MLL-R353Q LQGLSQLGLF	162	3485
>MLL-R353Q LEGLSQLGL	161	>MLL-R353Q LQGLSQLGL	8353	8192
>MLL-R353Q LEGLSQLGLFI	129	>MLL-R353Q LQGLSQLGLF	6912	6783
>MLL-R353Q LEGLSQLGL	121	>MLL-R353Q LQGLSQLGL	14007	13886
>MLL-R353Q LEGLSQLGLFI	77	>MLL-R353Q LQGLSQLGLF	8768	8691
>MLL-R353Q KIRQLSDKALFI	1414	>MLL-R353Q KIRQLSDKALFI	215	1199
>MLL-R353Q ALEGLSQL	1585	>MLL-R353Q ALQGLSQL	158	1427
>MLL-R353Q ALEGLSQL	22	>MLL-R353Q ALQGLSQL	16	6
>MLL-R353Q ALEGLSQLGL	118	>MLL-R353Q ALQGLSQLGL	74	44
>MLL-R353Q ALEGLSQL	390	>MLL-R353Q ALQGLSQL	58	332
>MLL-R353Q ALEGLSQLGL	555	>MLL-R353Q ALQGLSQLGL	257	298
>MLL-R353Q ALEGLSQL	74	>MLL-R353Q ALQGLSQL	15	59
>MLL-R353Q ALEGLSQLGL	172	>MLL-R353Q ALQGLSQLGL	34	138
>MLL-R353Q ALEGLSQL	457	>MLL-R353Q ALQGLSQL	53	404
>MLL-R353Q ALEGLSQLGL	425	>MLL-R353Q ALQGLSQLGL	50	375
>MLL-R353Q ALEGLSQL	327	>MLL-R353Q ALQGLSQL	58	269
>MLL-R353Q ALEGLSQLGL	329	>MLL-R353Q ALQGLSQLGL	65	264
>MLL-R353Q ALEGLSQL	2269	>MLL-R353Q ALQGLSQL	61	2208
>MLL-R353Q ALEGLSQLGL	2618	>MLL-R353Q ALQGLSQLGL	109	2509
>MLL-R353Q ALEGLSQL	3	>MLL-R353Q ALQGLSQL	2	1
>MLL-R353Q ALEGLSQLGL	5	>MLL-R353Q ALQGLSQLGL	3	2
>MLL-R353Q ALEGLSQLGL	2926	>MLL-R353Q ALQGLSQLGL	214	2712
>MLL-R353Q ALEGLSQLGL	1734	>MLL-R353Q ALQGLSQLGL	491	1243
>MLL-R353Q ALEGLSQLGL	553	>MLL-R353Q ALQGLSQLGL	494	59
>MLL-R353Q KALEGLSQL	1102	>MLL-R353Q KALQGLSQL	347	755
>MLL-R353Q KALEGLSQL	30	>MLL-R353Q KALQGLSQL	174	144
>MLL-R353Q KALEGLSQLG	64	>MLL-R353Q KALQGLSQLG	265	201
>MLL-R353Q KALEGLSQL	69	>MLL-R353Q KALQGLSQL	692	623
>MLL-R353Q KALEGLSQLG	222	>MLL-R353Q KALQGLSQLG	1403	1181
>MLL-R353Q KALEGLSQL	408	>MLL-R353Q KALQGLSQL	1801	1393
>MLL-R353Q KALEGLSQL	394	>MLL-R353Q KALQGLSQL	1334	940
>MLL-R353Q KALEGLSQL	5	>MLL-R353Q KALQGLSQL	4	1
>MLL-R353Q KALEGLSQLG	6	>MLL-R353Q KALQGLSQLG	5	1
>MLL-R353Q KALEGLSQL	186	>MLL-R353Q KALQGLSQL	131	55
>MLL-R353Q KALEGLSQLG	133	>MLL-R353Q KALQGLSQLG	101	32
>MLL-R353Q KALEGLSQL	194	>MLL-R353Q KALQGLSQL	49	145
>MLL-R353Q KALEGLSQL	319	>MLL-R353Q KALQGLSQL	259	60
>MLL-R353Q LSDKALEGL	262	>MLL-R353Q LSDKALQGL	63	199
>MLL-R353Q QLSDKALEGL	340	>MLL-R353Q QLSDKALQGL	533	193
>MLL-R353Q QLSDKALEGL	25	>MLL-R353Q QLSDKALQGL	49	24
>MLL-R353Q QLSDKALEGL	90	>MLL-R353Q QLSDKALQGL	110	20

>MLL-R353Q QLSDKALEGL	80	>MLL-R353Q QLSDKALQGI	91	11
>MLL-R353Q QLSDKALEGL	108	>MLL-R353Q QLSDKALQGI	102	6
>MLL-R353Q QLSDKALEGL	271	>MLL-R353Q QLSDKALQGI	214	57
>MLL-R353Q QLSDKALEGL	36	>MLL-R353Q QLSDKALQGI	34	2
>MLL-R353Q QLSDKALE	9003	>MLL-R353Q QLSDKALQ	339	8664
>MLL-R353Q QLSDKALEGL	6	>MLL-R353Q QLSDKALQGI	4	2
>MLL-R353Q RQLSDKALEG	24	>MLL-R353Q RQLSDKALQC	28	4
>MLL-R353Q RQLSDKALEG	50	>MLL-R353Q RQLSDKALQC	26	24
>MLL-R353Q RQLSDKALEG	239	>MLL-R353Q RQLSDKALQC	207	32
>MLL-R353Q RQLSDKALEG	164	>MLL-R353Q RQLSDKALQC	300	136
>MLL-R353Q RQLSDKALEG	155	>MLL-R353Q RQLSDKALQC	135	20
>MLL-R353Q RQLSDKALEG	177	>MLL-R353Q RQLSDKALQC	125	52
>MLL-T2338!TTSRELVN	1872	>MLL-T2338!STSRELVN	448	1424
>MLL-T2338!TTSRELVN	465	>MLL-T2338!STSRELVN	218	247
>MLL-T2338!TTSRELVN	15	>MLL-T2338!STSRELVN	9	6
>MLL-T2338!TTSRELVN	207	>MLL-T2338!STSRELVN	39	168
>MLL-T2338!TTSRELVN	102	>MLL-T2338!STSRELVN	183	81
>MLL-T2338!TTSRELVN	87	>MLL-T2338!STSRELVN	345	258
>MLL-T2338!TTSRELVN	133	>MLL-T2338!STSRELVN	551	418
>MLL-T2338!TTSRELVN	444	>MLL-T2338!STSRELVN	700	256
>MLL-T2338!TTSRELVN	352	>MLL-T2338!STSRELVN	93	259
>MLL-T2338!TTSRELVN	700	>MLL-T2338!STSRELVN	222	478
>MLL-T2338!TTSRELVN	110	>MLL-T2338!STSRELVN	40	70
>MLL-T2338!NTTSRELVN	188	>MLL-T2338!NTSRELVN	423	235
>MLL-T2338!NTTSRELVN	15	>MLL-T2338!NTSRELVN	73	58
>MLL-T2338!NTTSRELVN	412	>MLL-T2338!NTSRELVN	4407	3995
>MLL-T2338!VHNTTSREL	429	>MLL-T2338!VHNSTSREL	245	184
>MLL-T2338!VHNTTSREL	910	>MLL-T2338!VHNSTSREL	443	467
>MLL-T2338!VHNTTSREL	628	>MLL-T2338!VHNSTSREL	499	129
>MLL-T2338!QVHNTTSREL	276	>MLL-T2338!QVHNSTSREL	350	74
>MLL-T2338!QVHNTTSR	119	>MLL-T2338!QVHNSTSRL	157	38
>MLL-T2338!QVHNTTSR	21	>MLL-T2338!QVHNSTSRL	24	3
>MLL-T2338!QVHNTTSR	394	>MLL-T2338!QVHNSTSRL	722	328
>MLL-T2338!PQVHNTTSR	516	>MLL-T2338!PQVHNSTSRL	408	108
>MLL-T2338!PQVHNTTSR	156	>MLL-T2338!PQVHNSTSRL	126	30
>MLL-T2338!LAPQVHNTT	114	>MLL-T2338!LAPQVHNST	146	32
>MLL-T2338!KLAPQVHNT	179	>MLL-T2338!KLAPQVHNS	1810	1631
>MLL-T2338!KLAPQVHNT	24	>MLL-T2338!KLAPQVHNS	58	34
>MLL-T2338!KLAPQVHNT	198	>MLL-T2338!KLAPQVHNS	292	94
>MLL-T2338!KLAPQVHNT	18	>MLL-T2338!KLAPQVHNS	125	107
>MLL-T2338!KLAPQVHNT	535	>MLL-T2338!KLAPQVHNS	450	85
>MLL-T2338!KLAPQVHNT	152	>MLL-T2338!KLAPQVHNS	156	4
>MLL-T2338!KLAPQVHNT	89	>MLL-T2338!KLAPQVHNS	605	516



>MLL-T2338!KLAPQVHNT	120	>MLL-T2338!KLAPQVHNS	188	68
>MLL-T2338!KLAPQVHNT	341	>MLL-T2338!KLAPQVHNS	2225	1884
>MLL-T2338!KLAPQVHNT	59	>MLL-T2338!KLAPQVHNS	883	824
>MLL-T2338!KLAPQVHNT	185	>MLL-T2338!KLAPQVHNS	327	142
>MLL-T2338!KLAPQVHNT	183	>MLL-T2338!KLAPQVHNS	2660	2477
>MLL-T2338!KLAPQVHNT	8	>MLL-T2338!KLAPQVHNS	52	44
>MLL-T2338!KLAPQVHNT	33	>MLL-T2338!KLAPQVHNS	37	4
>MLL-T2338!KLAPQVHNT	267	>MLL-T2338!KLAPQVHNS	286	19
>MLL-T2673!TSDEDDL	8	>MLL-T2673!SSDEDDL	7	1
>MLL-T2673!TSDEDDL	6	>MLL-T2673!SSDEDDL	6	0
>MLL-T2673!TSDEDDL	11	>MLL-T2673!SSDEDDL	12	1
>MLL-T2673!TSDEDDL	332	>MLL-T2673!SSDEDDL	132	200
>MLL-T2673!TSDEDDL	116	>MLL-T2673!SSDEDDL	113	3
>MLL-T2673!TSDEDDL	193	>MLL-T2673!SSDEDDL	210	17
>MLL-T2673!TSDEDDL	697	>MLL-T2673!SSDEDDL	362	335
>MLL-T2673!TSDEDDL	369	>MLL-T2673!SSDEDDL	195	174
>MLL-T2673!TSDEDDL	50	>MLL-T2673!SSDEDDL	46	4
>MLL-T2673!TSDEDDL	417	>MLL-T2673!SSDEDDL	192	225
>MLL-T2673!TSDEDDL	732	>MLL-T2673!SSDEDDL	421	311
>MLL-T2673!TSDEDDL	90	>MLL-T2673!SSDEDDL	58	32
>MLL-T2673!TSDEDDL	195	>MLL-T2673!SSDEDDL	110	85
>MLL-T2673!TSDEDDL	399	>MLL-T2673!SSDEDDL	582	183
>MLL-T2673!TSDEDDL	839	>MLL-T2673!SSDEDDL	300	539
>MLL-T2673!TSDEDDL	538	>MLL-T2673!SSDEDDL	345	193
>MLL-T2673!STSDEDDL	21	>MLL-T2673!SSSDEDDL	34	13
>MLL-T2673!STSDEDDL	13	>MLL-T2673!SSSDEDDL	17	4
>MLL-T2673!STSDEDDL	23	>MLL-T2673!SSSDEDDL	42	19
>MLL-T2673!STSDEDDL	27	>MLL-T2673!SSSDEDDL	51	24
>MLL-T2673!STSDEDDL	44	>MLL-T2673!SSSDEDDL	116	72
>MLL-T2673!STSDEDDL	79	>MLL-T2673!SSSDEDDL	3553	3474
>MLL-T2673!STSDEDDL	364	>MLL-T2673!SSSDEDDL	3135	2771
>MLL-T2673!STSDEDDL	127	>MLL-T2673!SSSDEDDL	1013	886
>MLL-T2673!STSDEDDL	24	>MLL-T2673!SSSDEDDL	127	103
>MLL-T2673!STSDEDDL	68	>MLL-T2673!SSSDEDDL	283	215
>MLL-T2673!STSDEDDL	45	>MLL-T2673!SSSDEDDL	61	16
>MLL-T2673!STSDEDDL	19	>MLL-T2673!SSSDEDDL	49	30
>MLL-T2673!STSDEDDL	55	>MLL-T2673!SSSDEDDL	59	4
>MLL-T2673!STSDEDDL	136	>MLL-T2673!SSSDEDDL	109	27
>MLL-T2673!STSDEDDL	13	>MLL-T2673!SSSDEDDL	14	1
>MLL-T2673!STSDEDDL	310	>MLL-T2673!SSSDEDDL	2279	1969
>MLL-T2673!STSDEDDL	207	>MLL-T2673!SSSDEDDL	565	358
>MLL-T2673!STSDEDDL	130	>MLL-T2673!SSSDEDDL	983	853
>MLL-T2673!STSDEDDL	74	>MLL-T2673!SSSDEDDL	466	392

>MLL-T2673!STSEDDLYY'	187	>MLL-T2673!SSSEDDLYY'	1260	1073
>MLL-T2673!STSEDDLYY	610	>MLL-T2673!SSSEDDLYY	480	130
>MLL-T2673!STSEDDLY	165	>MLL-T2673!SSSEDDLY	233	68
>MLL-T2673!STSEDDLYY	25	>MLL-T2673!SSSEDDLYY	33	8
>MLL-T2673!STSEDDLYY'	35	>MLL-T2673!SSSEDDLYY'	47	12
>MLL-T2673!STSEDDLY	895	>MLL-T2673!SSSEDDLY	490	405
>MLL-T2673!STSEDDLYY	966	>MLL-T2673!SSSEDDLYY	421	545
>MLL-T2673!STSEDDLY	40	>MLL-T2673!SSSEDDLY	106	66
>MLL-T2673!STSEDDLYY	27	>MLL-T2673!SSSEDDLYY	49	22
>MLL-T2673!STSEDDLYY'	46	>MLL-T2673!SSSEDDLYY'	124	78
>MLL-T2673!STSEDDLYY'	390	>MLL-T2673!SSSEDDLYY'	589	199
>MLL-T2673!GQVDGADDL	220	>MLL-T2673!GQVDGADDL	704	484
>MLL-T2673!LSTSEDDLY	35	>MLL-T2673!LSSSEDDLY	17	18
>MLL-T2673!LSTSEDDLY'	54	>MLL-T2673!LSSSEDDLY'	20	34
>MLL-T2673!LSTSEDDLY'	67	>MLL-T2673!LSSSEDDLY'	61	6
>MLL-T2673!LSTSEDDLY	251	>MLL-T2673!LSSSEDDLY	81	170
>MLL-T2673!LSTSEDDLY'	41	>MLL-T2673!LSSSEDDLY'	26	15
>MLL-T2673!LSTSEDDLY'	2408	>MLL-T2673!LSSSEDDLY'	376	2032
>MLL-T2673!LSTSEDDLY'	860	>MLL-T2673!LSSSEDDLY'	458	402
>MLL-T2673!LSTSEDDLY	516	>MLL-T2673!LSSSEDDLY	401	115
>MLL-T2673!LSTSEDDLY'	71	>MLL-T2673!LSSSEDDLY'	58	13
>MLL-T2673!LSTSEDDLY'	312	>MLL-T2673!LSSSEDDLY'	172	140
>MLL-T2673!LSTSEDDLY	437	>MLL-T2673!LSSSEDDLY	333	104
>MLL-T2673!LSTSEDDLY'	87	>MLL-T2673!LSSSEDDLY'	69	18
>MLL-T2673!LSTSEDDLY	257	>MLL-T2673!LSSSEDDLY	199	58
>MLL-T2673!LSTSEDDLY'	162	>MLL-T2673!LSSSEDDLY'	155	7
>MLL-T2673!LSTSEDDLY'	511	>MLL-T2673!LSSSEDDLY'	403	108
>MLL-T2673!DLSTSEDDL	495	>MLL-T2673!DLSSSEDDL	326	169
>MLL-T2673!DLSTSEDDL	723	>MLL-T2673!DLSSSEDDL	401	322
>MLLT10-S3!SFSGTPGSV	331	>MLLT10-S3!NFSGTPGSV	3239	2908
>MLLT10-S3!SFSGTPGSVK	148	>MLLT10-S3!NFSGTPGSVK	560	412
>MLLT10-S3!SFSGTPGSVK	92	>MLLT10-S3!NFSGTPGSVK	782	690
>MLLT10-S3!SFSGTPGSVK	237	>MLLT10-S3!NFSGTPGSVK	102	135
>MLLT10-S3!SFSGTPGSVK	248	>MLLT10-S3!NFSGTPGSVK	2545	2297
>MLLT10-S3!SFSGTPGSV	79	>MLLT10-S3!NFSGTPGSV	261	182
>MLLT10-S3!GSFSGTPGSV	383	>MLLT10-S3!GNFSGTPGS\	566	183
>MLLT10-S3!GSFSGTPGSV	155	>MLLT10-S3!GNFSGTPGS\	336	181
>MLLT10-S3!GSFSGTPGSV	475	>MLLT10-S3!GNFSGTPGS\	2485	2010
>MLLT10-S3!GSFSGTPGSV	79	>MLLT10-S3!GNFSGTPGS\	5412	5333
>MLLT10-S3!GSFSGTPGSV	13	>MLLT10-S3!GNFSGTPGS\	1218	1205
>MLLT10-S3!GSFSGTPGSV	221	>MLLT10-S3!GNFSGTPGS\	5049	4828
>MLLT10-S3!GSFSGTPGSV	352	>MLLT10-S3!GNFSGTPGS\	3540	3188
>MLLT10-S3!GSFSGTPGSV	321	>MLLT10-S3!GNFSGTPGS\	12141	11820

>MLLT10-S3!GSFSGTPGSV	85	>MLLT10-S3!GNFSGTPGSV	916	831
>MLLT10-S3!GSFSGTPGSV	309	>MLLT10-S3!GNFSGTPGSV	4109	3800
>MLLT10-S3!FPQGSFSG	471	>MLLT10-S3!FPQGNFSG	813	342
>MLLT10-S3!FPQGSFSGTP	260	>MLLT10-S3!FPQGNFSGTF	312	52
>MLLT10-S3!FPQGSFSG	114	>MLLT10-S3!FPQGNFSG	88	26
>MLLT10-S3!FPQGSFSGT	52	>MLLT10-S3!FPQGNFSGT	28	24
>MLLT10-S3!FPQGSFSGTP	61	>MLLT10-S3!FPQGNFSGTF	47	14
>MLLT10-S3!SPFPQGSF	12	>MLLT10-S3!SPFPQGNF	7	5
>MLLT10-S3!SPFPQGSF	92	>MLLT10-S3!SPFPQGNF	806	714
>MLLT10-S3!SPFPQGSF	286	>MLLT10-S3!SPFPQGNF	620	334
>MLLT10-S3!SPFPQGSF	112	>MLLT10-S3!SPFPQGNF	221	109
>MLLT10-S3!SPFPQGSF	48	>MLLT10-S3!SPFPQGNF	163	115
>MLLT10-S3!SPFPQGSF	43	>MLLT10-S3!SPFPQGNF	198	155
>MLLT10-S3!ASFPFPQGSF	663	>MLLT10-S3!ASFPFPQGNF	303	360
>MLLT10-S3!ASFPFPQGSF	215	>MLLT10-S3!ASFPFPQGNF	241	26
>MLLT10-S3!ASFPFPQGSF	54	>MLLT10-S3!ASFPFPQGNF	49	5
>MLLT10-S3!AASFPFPQGSF	457	>MLLT10-S3!AASFPFPQGNF	2843	2386
>MLLT10-S3!AASFPFPQGSF	78	>MLLT10-S3!AASFPFPQGNF	149	71
>MLLT10-S3!AASFPFPQGSF	10	>MLLT10-S3!AASFPFPQGNF	11	1
>MLLT10-S3!AASFPFPQGSF	327	>MLLT10-S3!AASFPFPQGNF	662	335
>MLLT10-S3!AASFPFPQGSF	63	>MLLT10-S3!AASFPFPQGNF	96	33
>MLLT10-S3!SAASFPFPQGS	372	>MLLT10-S3!SAASFPFPQGN	323	49
>MLLT10-S3!SAASFPFPQGS	174	>MLLT10-S3!SAASFPFPQGN	1024	850
>MLLT10-S3!SAASFPFPQGS	90	>MLLT10-S3!SAASFPFPQGN	180	90
>MLLT10-S3!SAASFPFPQGS	105	>MLLT10-S3!SAASFPFPQGN	116	11
>MLLT10-S3!SAASFPFPQGS	47	>MLLT10-S3!SAASFPFPQGN	103	56
>MLLT3-K21!KDSREHKSAF	461	>MLLT3-K21!KDSREHKSAF	9699	9238
>MLLT3-K21!KDSREHKSAF	5441	>MLLT3-K21!KDSREHKSAF	370	5071
>MLLT3-K21!AFKEPSRDHM	22	>MLLT3-K21!AFREPSRDHM	8	14
>MLLT3-K21!AFKEPSRDHM	336	>MLLT3-K21!AFREPSRDHM	555	219
>MLLT3-K21!SAFKEPSR	650	>MLLT3-K21!SAFREPSR	400	250
>MLLT3-K21!SAFKEPSR	283	>MLLT3-K21!SAFREPSR	172	111
>MLLT3-K21!SAFKEPSR	31	>MLLT3-K21!SAFREPSR	32	1
>MLLT3-K21!SAFKEPSR	416	>MLLT3-K21!SAFREPSR	430	14
>MLLT3-K21!KSAFKEPSR	66	>MLLT3-K21!KSAFREPSR	43	23
>MLLT3-K21!HKSAFKEPSR	343	>MLLT3-K21!HKSAFREPSR	292	51
>MLLT3-K21!REHKSAFK	24	>MLLT3-K21!REHKSAFR	2105	2081
>MLLT3-K21!REHKSAFK	2522	>MLLT3-K21!REHKSAFR	102	2420
>MLLT3-K21!REHKSAFKEP	597	>MLLT3-K21!REHKSAFREP	353	244
>MLLT3-K21!REHKSAFKEP	180	>MLLT3-K21!REHKSAFREP	115	65
>MLLT3-K21!REHKSAFKE	476	>MLLT3-K21!REHKSAFRE	362	114
>MLLT3-K21!REHKSAFKEP	97	>MLLT3-K21!REHKSAFREP	75	22
>MLLT3-K21!REHKSAFKEP	828	>MLLT3-K21!REHKSAFREP	433	395

>MLLT3-K21!REHKSAFK	1239	>MLLT3-K21!REHKSAFR	55	1184
>MLLT3-K21!DSREHKSAFK	36	>MLLT3-K21!DSREHKSAFR	1819	1783
>MLLT3-K21!DSREHKSAFK	1160	>MLLT3-K21!DSREHKSAFR	58	1102
>MLLT3-K21!DSREHKSAFK	3012	>MLLT3-K21!DSREHKSAFR	81	2931
>MLLT3-K21!DSREHKSAFK	118	>MLLT3-K21!DSREHKSAFR	36	82
>MLLT3-V36!FVRGPEHSNI	1080	>MLLT3-V36!FLRGPEHSNI	57	1023
>MLLT3-V36!FVRGPEHSNI	234	>MLLT3-V36!FLRGPEHSNI	30	204
>MLLT3-V36!FVRGPEHSNI	1334	>MLLT3-V36!FLRGPEHSNI	15	1319
>MLLT3-V36!FVRGPEHSNI	11928	>MLLT3-V36!FLRGPEHSNI	276	11652
>MLLT3-V36!FVRGPEHSNI	9960	>MLLT3-V36!FLRGPEHSNI	299	9661
>MLLT3-V36!FVRGPEHS	14326	>MLLT3-V36!FLRGPEHS	187	14139
>MLLT3-V36!FVRGPEHSN	13739	>MLLT3-V36!FLRGPEHSN	133	13606
>MLLT3-V36!FVRGPEHSNI	151	>MLLT3-V36!FLRGPEHSNI	3	148
>MLLT3-V36!FVRGPEHSNI	5502	>MLLT3-V36!FLRGPEHSNI	49	5453
>MLLT3-V36!FVRGPEHSNI	2747	>MLLT3-V36!FLRGPEHSNI	435	2312
>MLLT3-V36!EGFTHDWM\	14	>MLLT3-V36!EGFTHDWM\	72	58
>MLLT3-V36!EGFTHDWM\	150	>MLLT3-V36!EGFTHDWM\	1026	876
>MLLT3-V36!VFVRGPEHSN	51	>MLLT3-V36!VFLRGPEHSN	50	1
>MLLT3-V36!VFVRGPEHSN	586	>MLLT3-V36!VFLRGPEHSN	394	192
>MLLT3-V36!VFVRGPEHSN	1276	>MLLT3-V36!VFLRGPEHSN	184	1092
>MLLT3-V36!DWMVFVRG\	497	>MLLT3-V36!DWMVFVRG\	517	20
>MLLT3-V36!HDWMVFVR	142	>MLLT3-V36!HDWMVFLR	98	44
>MLLT3-V36!HDWMVFVR	539	>MLLT3-V36!HDWMVFLR	249	290
>MLLT3-V36!HDWMVFVR	856	>MLLT3-V36!HDWMVFLR	390	466
>MLLT3-V36!HDWMVFVR	81	>MLLT3-V36!HDWMVFLR	60	21
>MLLT3-V36!THDWMVFVI	559	>MLLT3-V36!THDWMVFLF	158	401
>MLLT3-V36!THDWMVFV	203	>MLLT3-V36!THDWMVFL	19	184
>MLLT3-V36!FTHDWMVF\	7	>MLLT3-V36!FTHDWMVFL	11	4
>MLLT3-V36!FTHDWMVF\	6	>MLLT3-V36!FTHDWMVFL	6	0
>MLLT3-V36!FTHDWMVF\	5	>MLLT3-V36!FTHDWMVFL	26	21
>MLLT3-V36!FTHDWMVF\	3	>MLLT3-V36!FTHDWMVFL	5	2
>MLLT3-V36!FTHDWMVF\	2	>MLLT3-V36!FTHDWMVFL	6	4
>MLLT3-V36!FTHDWMVF\	8	>MLLT3-V36!FTHDWMVFL	53	45
>MLLT3-V36!FTHDWMVF\	7	>MLLT3-V36!FTHDWMVFL	35	28
>MLLT3-V36!FTHDWMVF\	93	>MLLT3-V36!FTHDWMVFL	1287	1194
>MLLT3-V36!FTHDWMVF\	3	>MLLT3-V36!FTHDWMVFL	9	6
>MLLT3-V36!FTHDWMVF\	445	>MLLT3-V36!FTHDWMVFL	188	257
>MLLT3-V36!FTHDWMVF\	16	>MLLT3-V36!FTHDWMVFL	11	5
>MLLT3-V36!FTHDWMVF\	86	>MLLT3-V36!FTHDWMVFL	13	73
>MLLT3-V36!FTHDWMVF\	39	>MLLT3-V36!FTHDWMVFL	19	20
>MLLT3-V36!FTHDWMVF\	79	>MLLT3-V36!FTHDWMVFL	28	51
>MLLT3-V36!FTHDWMVF\	9	>MLLT3-V36!FTHDWMVFL	4	5
>MLLT3-V36!FTHDWMVF\	4	>MLLT3-V36!FTHDWMVFL	5	1

>MLLT3-V36IFTHDWMVF\	442	>MLLT3-V36IFTHDWMVFL	1347	905
>MLLT3-V36IFTHDWMVF\	3	>MLLT3-V36IFTHDWMVFL	7	4
>MLLT3-V36IFTHDWMVF\	283	>MLLT3-V36IFTHDWMVFL	15	268
>MLLT3-V36IFTHDWMVF\	84	>MLLT3-V36IFTHDWMVFL	21	63
>MLLT3-V36IFTHDWMVF\	372	>MLLT3-V36IFTHDWMVFL	138	234
>MLLT3-V36IFTHDWMVF\	714	>MLLT3-V36IFTHDWMVFL	400	314
>MLLT3-V36IFTHDWMVF\	246	>MLLT3-V36IFTHDWMVFL	180	66
>MLLT3-V36IFTHDWMVF\	1093	>MLLT3-V36IFTHDWMVFL	230	863
>MLLT3-V36IGFTHDWMV\	309	>MLLT3-V36IGFTHDWMV\	3577	3268
>MLLT3-V36IGFTHDWMV\	6942	>MLLT3-V36IGFTHDWMV\	310	6632
>MLLT3-V36IGFTHDWMV\	68	>MLLT3-V36IGFTHDWMV\	40	28
>MLLT3-V36IGFTHDWMV\	481	>MLLT3-V36IGFTHDWMV\	174	307
>MLLT3-V36IGFTHDWMV\	444	>MLLT3-V36IGFTHDWMV\	314	130
>MLLT3-V36IGFTHDWMV\	128	>MLLT3-V36IGFTHDWMV\	111	17
>MLLT3-V36IGFTHDWMV\	353	>MLLT3-V36IGFTHDWMV\	275	78
>MLLT4-I134VSQPIRTDL	353	>MLLT4-I134VSQPVRTDL	540	187
>MLLT4-I134VSQPIRTDL	472	>MLLT4-I134VSQPVRTDL	605	133
>MLLT4-I134VAVSQPIR	591	>MLLT4-I134VAVSQPVR	430	161
>MLLT4-I134VAVSQPIR	303	>MLLT4-I134VAVSQPVR	246	57
>MLLT4-I134PVAVSQPI	15702	>MLLT4-I134PVAVSQPV	445	15257
>MLLT4-I134PVAVSQPI	1947	>MLLT4-I134PVAVSQPV	446	1501
>MLLT4-I134TPVAVSQPI	287	>MLLT4-I134TPVAVSQPV	61	226
>MLLT4-I134TPVAVSQPI	359	>MLLT4-I134TPVAVSQPV	93	266
>MLLT4-I134TPVAVSQPI	128	>MLLT4-I134TPVAVSQPV	109	19
>MLLT4-I134TPVAVSQPI	97	>MLLT4-I134TPVAVSQPV	112	15
>MLLT4-I134TPVAVSQPI	79	>MLLT4-I134TPVAVSQPV	86	7
>MLLT4-I134TPVAVSQPI	233	>MLLT4-I134TPVAVSQPV	640	407
>MLLT4-I134TPVAVSQPI	662	>MLLT4-I134TPVAVSQPV	101	561
>MLLT4-I134TPVAVSQPI	135	>MLLT4-I134TPVAVSQPV	392	257
>MLLT4-I134ATPVAVSQPI	2997	>MLLT4-I134ATPVAVSQP\	245	2752
>MLLT4-I134ATPVAVSQPI	5431	>MLLT4-I134ATPVAVSQP\	334	5097
>MLLT4-I134ATPVAVSQPI	14488	>MLLT4-I134ATPVAVSQP\	299	14189
>MLLT4-I134ATPVAVSQPI	212	>MLLT4-I134ATPVAVSQP\	2995	2783
>MLLT4-I134ATPVAVSQPI	423	>MLLT4-I134ATPVAVSQP\	384	39
>MLLT4-I134ATPVAVSQPI	120	>MLLT4-I134ATPVAVSQP\	39	81
>MLLT4-I134ATPVAVSQPI	5	>MLLT4-I134ATPVAVSQP\	8	3
>MLLT4-I134ATPVAVSQPI	233	>MLLT4-I134ATPVAVSQP\	482	249
>MLLT4-I134ATPVAVSQPI	175	>MLLT4-I134ATPVAVSQP\	10750	10575
>MLLT6-T64;HTEPDLEDCS	17	>MLLT6-T64;HIEPDLEDCS	1396	1379
>MLLT6-T64;PLLSQAESSH	4698	>MLLT6-T64;PLLSQAESSH	246	4452
>MLLT6-T64;PLLSQAESSH	4662	>MLLT6-T64;PLLSQAESSH	185	4477
>MLLT6-T64;PLLSQAESSH	6691	>MLLT6-T64;PLLSQAESSH	419	6272
>MLLT6-T64;PLLSQAESSH	2912	>MLLT6-T64;PLLSQAESSH	262	2650

>MLLT6-T64;SSHTEPDL	845	>MLLT6-T64;SSHIEPDL	374	471
>MLLT6-T64;AESSHTEPDL	363	>MLLT6-T64;AESSHIEPDL	257	106
>MLLT6-T64;AESSHTEP	515	>MLLT6-T64;AESSHIEP	274	241
>MLLT6-T64;AESSHTEPD	576	>MLLT6-T64;AESSHIEPD	395	181
>MLLT6-T64;AESSHTEPDL	1382	>MLLT6-T64;AESSHIEPDL	497	885
>MLLT6-T64;AESSHTEPD	171	>MLLT6-T64;AESSHIEPD	161	10
>MLLT6-T64;AESSHTEPDL	15	>MLLT6-T64;AESSHIEPDL	15	0
>MLLT6-T64;SQAESSHT	2583	>MLLT6-T64;SQAESSHI	167	2416
>MLLT6-T64;SQAESSHT	1164	>MLLT6-T64;SQAESSHI	69	1095
>MLLT6-T64;SQAESSHT	133	>MLLT6-T64;SQAESSHI	18	115
>MLLT6-T64;SQAESSHT	8842	>MLLT6-T64;SQAESSHI	388	8454
>MLLT6-T64;SQAESSHT	5904	>MLLT6-T64;SQAESSHI	337	5567
>MLLT6-T64;SQAESSHT	1791	>MLLT6-T64;SQAESSHI	153	1638
>MLLT6-T64;SQAESSHT	3060	>MLLT6-T64;SQAESSHI	62	2998
>MLLT6-T64;SQAESSHT	34296	>MLLT6-T64;SQAESSHI	410	33886
>MLLT6-T64;LSQAESSHT	4369	>MLLT6-T64;LSQAESSHI	471	3898
>MLLT6-T64;LSQAESSHT	5856	>MLLT6-T64;LSQAESSHI	99	5757
>MLLT6-T64;LSQAESSHT	15699	>MLLT6-T64;LSQAESSHI	305	15394
>MLLT6-T64;LSQAESSHT	19251	>MLLT6-T64;LSQAESSHI	10	19241
>MLLT6-T64;LLSQAESSHT	289	>MLLT6-T64;LLSQAESSHI	40	249
>MLLT6-T64;LLSQAESSHT	303	>MLLT6-T64;LLSQAESSHI	61	242
>MLLT6-T64;LLSQAESSHT	3201	>MLLT6-T64;LLSQAESSHI	121	3080
>MLLT6-T64;LLSQAESSHT	7788	>MLLT6-T64;LLSQAESSHI	127	7661
>MLLT6-T64;LLSQAESSHT	1892	>MLLT6-T64;LLSQAESSHI	61	1831
>MLLT6-T64;LLSQAESSHT	9221	>MLLT6-T64;LLSQAESSHI	388	8833
>MLLT6-T64;LLSQAESSHT	51	>MLLT6-T64;LLSQAESSHI	8	43
>MLLT6-T64;LLSQAESSHT	3347	>MLLT6-T64;LLSQAESSHI	321	3026
>MLLT6-T64;LLSQAESSHT	33138	>MLLT6-T64;LLSQAESSHI	435	32703
>MN1-A1292AKARASVPTV	2475	>MN1-A1292TKARASVPTV	165	2310
>MN1-A1292AKARASVPT	257	>MN1-A1292TKARASVPT	1458	1201
>MN1-A1292AKARASVPTV	37	>MN1-A1292TKARASVPTV	178	141
>MN1-A1292AKARASVPTV	426	>MN1-A1292TKARASVPTV	260	166
>MN1-A1292DAKARASV	825	>MN1-A1292DTKARASV	93	732
>MN1-A1292DAKARASV	317	>MN1-A1292DTKARASV	1487	1170
>MN1-A1292DAKARASVPT	209	>MN1-A1292DTKARASVPT	20	189
>MN1-A1292DAKARASVPT	228	>MN1-A1292DTKARASVPT	144	84
>MN1-A1292GDAKARASV	434	>MN1-A1292GDTKARASV	902	468
>MN1-A1292DVGDAKARA	195	>MN1-A1292DVGDTKARA	188	7
>MN1-A1292DVGDAKAR	298	>MN1-A1292DVGDTKAR	183	115
>MN1-A1292DVGDAKAR	141	>MN1-A1292DVGDTKAR	117	24
>MN1-A1292DVGDAKARA	44	>MN1-A1292DVGDTKARA	92	48
>MN1-A1292DVGDAKARA	45	>MN1-A1292DVGDTKARA	48	3
>MN1-A1292CTDDVGD	126	>MN1-A1292CTDDVGD	177	51

>MN1-A1292CTDDVGD	AK	338	>MN1-A1292CTDDVGD	TK	211	127
>MN1-A1292CTDDVGD	AK	297	>MN1-A1292CTDDVGD	TK	242	55
>MN1-G1005HGHPGSH	HP	3647	>MN1-G1005HSHPGSH	HP	176	3471
>MN1-G1005HGHPGSH	HP	1522	>MN1-G1005HSHPGSH	HP	80	1442
>MN1-G1005HGHPGSH	HP	361	>MN1-G1005HSHPGSH	HP	26	335
>MN1-G1005HGHPGSH	H	15415	>MN1-G1005HSHPGSH	H	154	15261
>MN1-G1005HGHPGSH	HP	11181	>MN1-G1005HSHPGSH	HP	55	11126
>MN1-G1005GQQPHHG	H	380	>MN1-G1005GQQPHSH	P	254	126
>MN1-G1005FFGGQQP	H	464	>MN1-G1005FFGGQQP	H	338	126
>MN1-P67S-1EPYGF	HAR	5461	>MN1-P67S-1ESYGF	HAR	52	5409
>MN1-P67S-1EPYGF	HAR	92	>MN1-P67S-1ESYGF	HAR	23	69
>MN1-P67S-1EPYGF	HAR	16	>MN1-P67S-1ESYGF	HAR	2	14
>MN1-P67S-1EPYGF	HAR	396	>MN1-P67S-1ESYGF	HAR	13612	13216
>MN1-P67S-1EPYGF	HAR	5255	>MN1-P67S-1ESYGF	HAR	271	4984
>MN1-P67S-1EPYGF	HAR	69	>MN1-P67S-1ESYGF	HAR	76	7
>MN1-P67S-1MEPYGF	H	334	>MN1-P67S-1MESYGF	H	83	251
>MN1-P67S-1MEPYGF	HAR	1208	>MN1-P67S-1MESYGF	HAR	203	1005
>MN1-P67S-1MEPYGF	HAR	646	>MN1-P67S-1MESYGF	HAR	94	552
>MN1-P67S-1MEPYGF	HAR	430	>MN1-P67S-1MESYGF	HAR	46	384
>MN1-P67S-1MEPYGF	HAR	2998	>MN1-P67S-1MESYGF	HAR	448	2550
>MN1-P67S-1MEPYGF	H	136	>MN1-P67S-1MESYGF	H	7	129
>MN1-P67S-1MEPYGF	HAR	1403	>MN1-P67S-1MESYGF	HAR	39	1364
>MN1-P67S-1MEPYGF	HAR	6293	>MN1-P67S-1MESYGF	HAR	346	5947
>MN1-P67S-1MEPYGF	HAR	201	>MN1-P67S-1MESYGF	HAR	235	34
>MN1-P67S-1NMEPYGF	H	253	>MN1-P67S-1NMESYGF	H	249	4
>MN1-P67S-1NMEPYGF	HAR	95	>MN1-P67S-1NMESYGF	HAR	324	229
>MN1-P67S-1NMEPYGF	HAR	322	>MN1-P67S-1NMESYGF	HAR	434	112
>MN1-P67S-1NMEPYGF	HAR	166	>MN1-P67S-1NMESYGF	HAR	227	61
>MN1-P67S-1NMEPYGF	HAR	163	>MN1-P67S-1NMESYGF	HAR	505	342
>MN1-P67S-1NMEPYGF	HAR	155	>MN1-P67S-1NMESYGF	HAR	120	35
>MN1-P67S-1NMEPYGF	HAR	437	>MN1-P67S-1NMESYGF	HAR	205	232
>MN1-P67S-1NMEPYGF	HAR	778	>MN1-P67S-1NMESYGF	HAR	406	372
>MN1-P67S-1NMEPYGF	HAR	263	>MN1-P67S-1NMESYGF	HAR	341	78
>MN1-P67S-1NMEPYGF	HAR	130	>MN1-P67S-1NMESYGF	HAR	156	26
>MN1-P67S-1MNMEPYGF	F	445	>MN1-P67S-1MNMESYGF	F	385	60
>MN1-P67S-1MNMEPYGF	F	61	>MN1-P67S-1MNMESYGF	F	44	17
>MN1-P67S-1MNMEPYGF	F	41	>MN1-P67S-1MNMESYGF	F	21	20
>MN1-P67S-1MNMEPYGF	F	1815	>MN1-P67S-1MNMESYGF	F	388	1427
>MN1-P67S-1MNMEPYGF	F	104	>MN1-P67S-1MNMESYGF	F	56	48
>MN1-P67S-1MNMEPYGF	F	806	>MN1-P67S-1MNMESYGF	F	298	508
>MN1-P67S-1MNMEPYGF	F	315	>MN1-P67S-1MNMESYGF	F	299	16
>MN1-P67S-1GMNMEPYG	I	233	>MN1-P67S-1GMNMESYGI	I	217	16
>MN1-P67S-1GMNMEPYG	I	93	>MN1-P67S-1GMNMESYGI	I	62	31

>MN1-P67S-1GMNMEPYGI	33	>MN1-P67S-1GMNMESYGI	36	3
>MN1-P67S-1GMNMEPYGI	26	>MN1-P67S-1GMNMESYGI	38	12
>MN1-P67S-1GMNMEPYGI	23	>MN1-P67S-1GMNMESYGI	17	6
>MN1-P67S-1GMNMEPYGI	35	>MN1-P67S-1GMNMESYGI	33	2
>MN1-P67S-1GMNMEPYGI	57	>MN1-P67S-1GMNMESYGI	51	6
>MN1-P67S-1GMNMEPYGI	478	>MN1-P67S-1GMNMESYGI	632	154
>MN1-P67S-1GMNMEPYGI	262	>MN1-P67S-1GMNMESYGI	239	23
>MN1-P67S-1GMNMEPYGI	206	>MN1-P67S-1GMNMESYGI	43	163
>MN1-P67S-1GMNMEPYGI	58	>MN1-P67S-1GMNMESYGI	41	17
>MN1-P67S-1LGMNMEPY	440	>MN1-P67S-1LGMNMESY	192	248
>MN1-P67S-1LGMNMEPY	131	>MN1-P67S-1LGMNMESY	145	14
>MN1-P67S-1LGMNMEPYC	1089	>MN1-P67S-1LGMNMESYC	291	798
>MN1-P67S-1LGMNMEPYC	514	>MN1-P67S-1LGMNMESYC	340	174
>MN1-P67S-1LGMNMEPYC	1022	>MN1-P67S-1LGMNMESYC	483	539
>MN1-P67S-1LGMNMEPY	96	>MN1-P67S-1LGMNMESY	338	242
>MN1-P67S-1LGMNMEPYC	130	>MN1-P67S-1LGMNMESYC	182	52
>MN1-P67S-1ILGMNMEPY	88	>MN1-P67S-1ILGMNMESY	121	33
>MN1-P67S-1ILGMNMEPY	277	>MN1-P67S-1ILGMNMESY	85	192
>MN1-P67S-1ILGMNMEPY	97	>MN1-P67S-1ILGMNMESY	101	4
>MN1-P67S-1ILGMNMEPY	63	>MN1-P67S-1ILGMNMESY	75	12
>MN1-P67S-1ILGMNMEPY	315	>MN1-P67S-1ILGMNMESY	116	199
>MN1-P67S-1ILGMNMEPY	318	>MN1-P67S-1ILGMNMESY	571	253
>MN1-P67S-1ILGMNMEPY	371	>MN1-P67S-1ILGMNMESY	351	20
>MN1-P67S-1PILGMNMEP	174	>MN1-P67S-1PILGMNMES	238	64
>MN1-P67S-1PPILGMNME	46	>MN1-P67S-1PPILGMNME	65	19
>MN1-P67S-1PPILGMNME	98	>MN1-P67S-1PPILGMNME	285	187
>MN1-P67S-1PPILGMNME	619	>MN1-P67S-1PPILGMNME	289	330
>MN1-S1197 SELGSCCSEA	451	>MN1-S1197 NELGSCCSEA	309	142
>MN1-S1197 SELGSCCSEA	54	>MN1-S1197 NELGSCCSEA	43	11
>MN1-S1197 SELGSCCSEA	446	>MN1-S1197 NELGSCCSEA	1093	647
>MN1-S1197 SELGSCCSEA	1354	>MN1-S1197 NELGSCCSEA	127	1227
>MN1-S1197 SELGSCCSEA	67	>MN1-S1197 NELGSCCSEA	301	234
>MN1-S1197 SELGSCCSEA	116	>MN1-S1197 NELGSCCSEA	434	318
>MN1-S1197 SELGSCCSEA	206	>MN1-S1197 NELGSCCSEA	618	412
>MN1-S1197 SELGSCCS	260	>MN1-S1197 NELGSCCS	795	535
>MN1-S1197 SELGSCCSEA	155	>MN1-S1197 NELGSCCSEA	847	692
>MN1-S1197 SELGSCCSEA	33	>MN1-S1197 NELGSCCSEA	96	63
>MN1-S1197 SELGSCCSEA	44	>MN1-S1197 NELGSCCSEA	104	60
>MN1-S1197 AQNGDSEL	251	>MN1-S1197 AQNGDNEL	197	54
>MN1-S1197 AQNGDSEL	163	>MN1-S1197 AQNGDNEL	209	46
>MN1-S1197 AQNGDSEL	357	>MN1-S1197 AQNGDNEL	997	640
>MN1-S1197 AQNGDSEL	229	>MN1-S1197 AQNGDNEL	466	237
>MN1-S1197 GAQNGDSEL	241	>MN1-S1197 GAQNGDNEL	2464	2223



>MN1-S1197 ASGAQNGDS	191	>MN1-S1197 ASGAQNGDN	1252	1061
>MPL-A506T AVLGLLLL	112	>MPL-A506T TVLGLLLL	237	125
>MPL-A506T AVLGLLLL	410	>MPL-A506T TVLGLLLL	748	338
>MPL-A506T AVLGLLLL	24	>MPL-A506T TVLGLLLL	49	25
>MPL-A506T AVLGLLLL	188	>MPL-A506T TVLGLLLL	842	654
>MPL-A506T AVLGLLLL	236	>MPL-A506T TVLGLLLL	951	715
>MPL-A506T AVLGLLLL	48	>MPL-A506T TVLGLLLL	393	345
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>MPL-A506T AVLGLLLLR	50	>MPL-A506T TVLGLLLLR	70	20
>MPL-A506T AVLGLLLLRW	196	>MPL-A506T TVLGLLLLRW	737	541
>MPL-A506T AVLGLLLLR	965	>MPL-A506T TVLGLLLLR	126	839
>MPL-A506T AVLGLLLLR	743	>MPL-A506T TVGLLLLLR	51	692
>MPL-A506T AVLGLLLL	2044	>MPL-A506T TVLGLLLL	117	1927
>MPL-A506T AVLGLLLLRW	23	>MPL-A506T TVGLLLLLRW	99	76
>MPL-A506T AVLGLLLLRW	704	>MPL-A506T TVGLLLLLRW	205	499
>MPL-A506T AVLGLLLLRW	40	>MPL-A506T TVGLLLLLRW	35	5
>MPL-A506T AVLGLLLLR	487	>MPL-A506T TVGLLLLLR	1492	1005
>MPL-A506T AVLGLLLLR	426	>MPL-A506T TVGLLLLLR	109	317
>MPL-A506T SAVLGLLLL	440	>MPL-A506T STVLGLLLL	7929	7489
>MPL-A506T SAVLGLLL	744	>MPL-A506T STVLGLLL	496	248
>MPL-A506T SAVLGLLLL	357	>MPL-A506T STVLGLLLL	224	133
>MPL-A506T SAVLGLLLLR	1262	>MPL-A506T STVLGLLLLR	413	849
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>MPL-A506T SAVLGLLLLR	159	>MPL-A506T STVLGLLLLR	85	74
>MPL-A506T SAVLGLLLLR	764	>MPL-A506T STVLGLLLLR	396	368
>MPL-A506T SAVLGLLLLR	24	>MPL-A506T STVLGLLLLR	11	13
>MPL-A506T SAVLGLLL	126	>MPL-A506T STVLGLLL	11	115
>MPL-A506T SAVLGLLLL	81	>MPL-A506T STVLGLLLL	7	74
>MPL-A506T SAVGLLLLRV	8	>MPL-A506T STVLGLLLLRV	4	4
>MPL-A506T SAVGLLLLRV	201	>MPL-A506T STVLGLLLLRV	3232	3031
>MPL-A506T SAVGLLLLRV	224	>MPL-A506T STVLGLLLLRV	142	82
>MPL-A506T SAVGLLLLRV	21	>MPL-A506T STVLGLLLLRV	21	0
>MPL-A506T SAVGLLL	792	>MPL-A506T STVLGLLL	24	768
>MPL-A506T SAVGLLLL	1082	>MPL-A506T STVLGLLLL	116	966
>MPL-A506T SAVGLLL	3941	>MPL-A506T STVLGLLL	374	3567
>MPL-A506T SAVGLLLL	1060	>MPL-A506T STVLGLLLL	45	1015
>MPL-A506T SAVGLLLLRV	3026	>MPL-A506T STVLGLLLLRV	130	2896
>MPL-A506T SAVGLLLLR	773	>MPL-A506T STVLGLLLLR	190	583
>MPL-A506T LSAVLGLLLLR	352	>MPL-A506T LSTVLGLLLLR	757	405
>MPL-A506T LSAVLGLLLLR	135	>MPL-A506T LSTVLGLLLLR	166	31
>MPL-A506T LSAVLGLLLLR	64	>MPL-A506T LSTVLGLLLLR	159	95
>MPL-A506T LSAVLGLL	104	>MPL-A506T LSTVLGLL	163	59

>MPL-A506T LSAVLGLLL	25	>MPL-A506T LSTVLGLLL	33	8
>MPL-A506T LSAVLGLLLL	21	>MPL-A506T LSTVLGLLLL	28	7
>MPL-A506T LSAVLGLL	267	>MPL-A506T LSTVLGLL	622	355
>MPL-A506T LSAVLGLLL	77	>MPL-A506T LSTVLGLLL	180	103
>MPL-A506T LSAVLGLLLL	73	>MPL-A506T LSTVLGLLLL	154	81
>MPL-A506T LSAVLGLL	264	>MPL-A506T LSTVLGLL	1186	922
>MPL-A506T LSAVLGLLL	26	>MPL-A506T LSTVLGLLL	23	3
>MPL-A506T LSAVLGLLLL	36	>MPL-A506T LSTVLGLLLL	37	1
>MPL-A506T LSAVLGLL	120	>MPL-A506T LSTVLGLL	58	62
>MPL-A506T LSAVLGLLL	57	>MPL-A506T LSTVLGLLL	57	0
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>MPL-A506T LSAVLGLLLLR	493	>MPL-A506T LSTVLGLLLLR	1483	990
>MPL-A506T LSAVLGLL	230	>MPL-A506T LSTVLGLL	517	287
>MPL-A506T LSAVLGLLL	316	>MPL-A506T LSTVLGLLL	694	378
>MPL-A506T LSAVLGLLLL	103	>MPL-A506T LSTVLGLLLL	142	39
>MPL-A506T GLSAVLGL	54	>MPL-A506T GLSTVLGL	90	36
>MPL-A506T GLSAVLGLL	136	>MPL-A506T GLSTVLGLL	255	119
>MPL-A506T GLSAVLGLLL	390	>MPL-A506T GLSTVLGLLL	540	150
>MPL-A506T GLSAVLGLLLL	54	>MPL-A506T GLSTVLGLLLL	77	23
>MPL-A506T GLSAVLGL	6	>MPL-A506T GLSTVLGL	10	4
>MPL-A506T GLSAVLGLL	5	>MPL-A506T GLSTVLGLL	7	2
>MPL-A506T GLSAVLGLLL	19	>MPL-A506T GLSTVLGLLL	22	3
>MPL-A506T GLSAVLGLLLL	6	>MPL-A506T GLSTVLGLLLL	7	1
>MPL-A506T GLSAVLGL	12	>MPL-A506T GLSTVLGL	18	6
>MPL-A506T GLSAVLGLL	8	>MPL-A506T GLSTVLGLL	12	4
>MPL-A506T GLSAVLGLLL	186	>MPL-A506T GLSTVLGLLL	268	82
>MPL-A506T GLSAVLGLLLL	15	>MPL-A506T GLSTVLGLLLL	23	8
>MPL-A506T GLSAVLGL	210	>MPL-A506T GLSTVLGL	458	248
>MPL-A506T GLSAVLGLLLL	261	>MPL-A506T GLSTVLGLLLL	505	244
>MPL-A506T GLSAVLGL	12	>MPL-A506T GLSTVLGL	21	9
>MPL-A506T GLSAVLGLL	25	>MPL-A506T GLSTVLGLL	75	50
>MPL-A506T GLSAVLGLLL	54	>MPL-A506T GLSTVLGLLL	131	77
>MPL-A506T GLSAVLGLLLL	34	>MPL-A506T GLSTVLGLLLL	81	47
>MPL-A506T GLSAVLGL	23	>MPL-A506T GLSTVLGL	23	0
>MPL-A506T GLSAVLGLL	126	>MPL-A506T GLSTVLGLL	164	38
>MPL-A506T GLSAVLGLLL	165	>MPL-A506T GLSTVLGLLL	202	37
>MPL-A506T GLSAVLGLLLL	66	>MPL-A506T GLSTVLGLLLL	81	15
>MPL-A506T GLSAVLGL	16	>MPL-A506T GLSTVLGL	23	7
>MPL-A506T GLSAVLGLL	55	>MPL-A506T GLSTVLGLL	111	56
>MPL-A506T GLSAVLGLLL	39	>MPL-A506T GLSTVLGLLL	64	25
>MPL-A506T GLSAVLGLLLL	31	>MPL-A506T GLSTVLGLLLL	52	21
>MPL-A506T GLSAVLGL	162	>MPL-A506T GLSTVLGL	254	92
>MPL-A506T GLSAVLGL	6	>MPL-A506T GLSTVLGL	8	2

>MPL-A506T GLSAVLGLL	17	>MPL-A506T GLSTVLGLL	36	19
>MPL-A506T GLSAVLGLLL	16	>MPL-A506T GLSTVLGLLL	28	12
>MPL-A506T GLSAVLGLLLL	8	>MPL-A506T GLSTVLGLLLL	13	5
>MPL-A506T GLSAVLGLLL	289	>MPL-A506T GLSTVLGLLL	322	33
>MPL-A506T VLGLSAVLGL	226	>MPL-A506T VLGLSTVLGL	236	10
>MPL-A506T VLGLSAVL	290	>MPL-A506T VLGLSTVL	187	103
>MPL-A506T VLGLSAVLGL	108	>MPL-A506T VLGLSTVLGL	96	12
>MPL-A506T VLGLSAVLGLI	225	>MPL-A506T VLGLSTVLGLI	147	78
>MPL-A506T VLGLSAVLGL	245	>MPL-A506T VLGLSTVLGL	170	75
>MPL-A506T VLGLSAVLGLI	496	>MPL-A506T VLGLSTVLGLI	390	106
>MPL-A506T VLGLSAVL	101	>MPL-A506T VLGLSTVL	146	45
>MPL-A506T VLGLSAVLGL	49	>MPL-A506T VLGLSTVLGL	32	17
>MPL-A506T VLGLSAVLGLI	140	>MPL-A506T VLGLSTVLGLI	121	19
>MPL-A506T VLGLSAVL	67	>MPL-A506T VLGLSTVL	117	50
>MPL-A506T VLGLSAVLGL	98	>MPL-A506T VLGLSTVLGL	49	49
>MPL-A506T VLGLSAVLGLI	476	>MPL-A506T VLGLSTVLGLI	306	170
>MPL-A506T VLGLSAVL	151	>MPL-A506T VLGLSTVL	108	43
>MPL-A506T VLGLSAVLGL	39	>MPL-A506T VLGLSTVLGL	30	9
>MPL-A506T VLGLSAVLGLI	212	>MPL-A506T VLGLSTVLGLI	173	39
>MPL-A506T VLGLSAVL	49	>MPL-A506T VLGLSTVL	94	45
>MPL-A506T VLGLSAVLGL	30	>MPL-A506T VLGLSTVLGL	16	14
>MPL-A506T VLGLSAVLGLI	700	>MPL-A506T VLGLSTVLGLI	337	363
>MPL-A506T VLGLSAVL	14	>MPL-A506T VLGLSTVL	13	1
>MPL-A506T VLGLSAVLGL	9	>MPL-A506T VLGLSTVLGL	7	2
>MPL-A506T VLGLSAVLGLI	26	>MPL-A506T VLGLSTVLGLI	22	4
>MPL-A506T LVLGLSAV	90	>MPL-A506T LVLGLSTV	91	1
>MPL-A506T LVLGLSAVLGI	216	>MPL-A506T LVLGLSTVLGI	314	98
>MPL-A506T LVLGLSAV	115	>MPL-A506T LVLGLSTV	194	79
>MPL-A506T LVLGLSAVL	350	>MPL-A506T LVLGLSTVL	427	77
>MPL-A506T LVLGLSAVLGI	385	>MPL-A506T LVLGLSTVLGI	515	130
>MPL-A506T LVLGLSAV	57	>MPL-A506T LVLGLSTV	75	18
>MPL-A506T LVLGLSAV	8	>MPL-A506T LVLGLSTV	9	1
>MPL-A506T LVLGLSAVL	140	>MPL-A506T LVLGLSTVL	174	34
>MPL-A506T LVLGLSAVLGI	43	>MPL-A506T LVLGLSTVLGI	53	10
>MPL-A506T LVLGLSAV	7	>MPL-A506T LVLGLSTV	7	0
>MPL-A506T LVLGLSAVL	164	>MPL-A506T LVLGLSTVL	457	293
>MPL-A506T LVLGLSAVLGI	70	>MPL-A506T LVLGLSTVLGI	79	9
>MPL-A506T LVLGLSAV	44	>MPL-A506T LVLGLSTV	38	6
>MPL-A506T LVLGLSAV	36	>MPL-A506T LVLGLSTV	19	17
>MPL-A506T LVLGLSAVLGI	177	>MPL-A506T LVLGLSTVLGI	165	12
>MPL-A506T LVLGLSAV	20	>MPL-A506T LVLGLSTV	15	5
>MPL-A506T LVLGLSAVL	163	>MPL-A506T LVLGLSTVL	854	691
>MPL-A506T LVLGLSAVLGI	86	>MPL-A506T LVLGLSTVLGI	172	86

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>MPL-A506T LVLGLSAVL	51	>MPL-A506T LVLGLSTVL	81	30
>MPL-A506T LVLGLSAVLGI	37	>MPL-A506T LVLGLSTVLGI	43	6
>MPL-A506T LVLGLSAVL	524	>MPL-A506T LVLGLSTVL	295	229
>MPL-A506T LVLGLSAV	194	>MPL-A506T LVLGLSTV	414	220
>MPL-A506T LVLGLSAV	39	>MPL-A506T LVLGLSTV	66	27
>MPL-A506T LVLGLSAVLGI	214	>MPL-A506T LVLGLSTVLGI	322	108
>MPL-A506T LVLGLSAVL	356	>MPL-A506T LVLGLSTVL	928	572
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>MPL-A506T LVLGLSAVL	418	>MPL-A506T LVLGLSTVL	1212	794
>MPL-A506T LVLGLSAVL	144	>MPL-A506T LVLGLSTVL	59	85
>MPL-A506T HLVLGLSAV	216	>MPL-A506T HLVLGLSTV	203	13
>MPL-A506T HLVLGLSAV	41	>MPL-A506T HLVLGLSTV	96	55
>MPL-A506T HLVLGLSAVL	108	>MPL-A506T HLVLGLSTVL	115	7
>MPL-A506T HLVLGLSA	91	>MPL-A506T HLVLGLST	790	699
>MPL-A506T HLVLGLSAV	5	>MPL-A506T HLVLGLSTV	7	2
>MPL-A506T HLVLGLSAVL	341	>MPL-A506T HLVLGLSTVL	407	66
>MPL-A506T HLVLGLSAV	15	>MPL-A506T HLVLGLSTV	29	14
>MPL-A506T HLVLGLSAV	11	>MPL-A506T HLVLGLSTV	9	2
>MPL-A506T HLVLGLSAVL	268	>MPL-A506T HLVLGLSTVL	466	198
>MPL-A506T HLVLGLSAV	5	>MPL-A506T HLVLGLSTV	5	0
>MPL-A506T HLVLGLSAVL	49	>MPL-A506T HLVLGLSTVL	147	98
>MPL-A506T HLVLGLSAV	28	>MPL-A506T HLVLGLSTV	14	14
>MPL-A506T HLVLGLSAVL	571	>MPL-A506T HLVLGLSTVL	471	100
>MPL-A506T HLVLGLSAV	61	>MPL-A506T HLVLGLSTV	31	30
>MPL-A506T HLVLGLSA	58	>MPL-A506T HLVLGLST	837	779
>MPL-A506T HLVLGLSAV	3	>MPL-A506T HLVLGLSTV	2	1
>MPL-A506T HLVLGLSAVL	16	>MPL-A506T HLVLGLSTVL	17	1
>MPL-A506T HLVLGLSAV	492	>MPL-A506T HLVLGLSTV	915	423
>MPL-A506T HLVLGLSAV	491	>MPL-A506T HLVLGLSTV	701	210
>MPL-A506T HLVLGLSAVL	74	>MPL-A506T HLVLGLSTVL	178	104
>MPL-A506T LHLVLGLSAV	440	>MPL-A506T LHLVLGLSTV	642	202
>MPL-A506T LHLVLGLSAVI	382	>MPL-A506T LHLVLGLSTVI	217	165
>MPL-A506T LHLVLGLSAVI	32	>MPL-A506T LHLVLGLSTVI	52	20
>MPL-A506T ALHLVLGLSA	141	>MPL-A506T ALHLVLGLST	146	5
>MPL-A506T ALHLVLGLSA	243	>MPL-A506T ALHLVLGLST	764	521
>MPL-A506T ALHLVLGLSA	41	>MPL-A506T ALHLVLGLST	101	60
>MPL-A506T ALHLVLGLSA	225	>MPL-A506T ALHLVLGLST	532	307
>MPL-A506T ALHLVLGLSA	4	>MPL-A506T ALHLVLGLST	6	2
>MPL-A506T ALHLVLGLSA	122	>MPL-A506T ALHLVLGLST	306	184
>MPL-A506T ALHLVLGLSA	126	>MPL-A506T ALHLVLGLST	950	824
>MPL-A506T ALHLVLGLSA	3	>MPL-A506T ALHLVLGLST	3	0
>MPL-A506T ALHLVLGLSA	11	>MPL-A506T ALHLVLGLST	10	1

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>MPL-A506T ALHLVLGLSA'	164	>MPL-A506T ALHLVLGLST\	76	88
>MPL-A506T ALHLVLGLSA	58	>MPL-A506T ALHLVLGLST	907	849
>MPL-A506T ALHLVLGLSA'	3	>MPL-A506T ALHLVLGLST\	2	1
>MPL-A506T ALHLVLGLSA	487	>MPL-A506T ALHLVLGLST	6196	5709
>MPL-A519T AHYRRLRHAL	182	>MPL-A519T THYRRLRHAL	910	728
>MPL-A519T AHYRRLRHAL	252	>MPL-A519T THYRRLRHAL	114	138
>MPL-A519T AHYRRLRHAL	959	>MPL-A519T THYRRLRHAL	441	518
>MPL-A519T AHYRRLRHAL	81	>MPL-A519T THYRRLRHAL	41	40
>MPL-A519T AHYRRLRHAL	117	>MPL-A519T THYRRLRHAL	181	64
>MPL-A519T PAHYRRLRHA'	914	>MPL-A519T PTHYRRLRHA	175	739
>MPL-A519T PAHYRRLRHA'	1999	>MPL-A519T PTHYRRLRHA	453	1546
>MPL-A519T PAHYRRLR	632	>MPL-A519T PTHYRRLR	251	381
>MPL-A519T PAHYRRLR	585	>MPL-A519T PTHYRRLR	250	335
>MPL-A519T PAHYRRLRHA'	173	>MPL-A519T PTHYRRLRHA	619	446
>MPL-A519T GLLLLRWQFF	47	>MPL-A519T GLLLLRWQFF	228	181
>MPL-A519T GLLLLRWQFF	261	>MPL-A519T GLLLLRWQFF	1692	1431
>MPL-A519T GLLLLRWQFF	148	>MPL-A519T GLLLLRWQFF	800	652
>MPL-A519T GLLLLRWQFF	33	>MPL-A519T GLLLLRWQFF	179	146
>MPL-A519T GLLLLRWQFF	29	>MPL-A519T GLLLLRWQFF	236	207
>MPL-A519T GLLLLRWQFF	13	>MPL-A519T GLLLLRWQFF	95	82
>MPL-A519T GLLLLRWQFF	386	>MPL-A519T GLLLLRWQFF	2167	1781
>MPL-A519T GLLLLRWQFF	18	>MPL-A519T GLLLLRWQFF	112	94
>MPL-A519T FPAHYRRLR	247	>MPL-A519T FPTHYRRLR	488	241
>MPL-A519T FPAHYRRL	11	>MPL-A519T FPTHYRRL	21	10
>MPL-A519T FPAHYRRLRH	30	>MPL-A519T FPTHYRRLRH	172	142
>MPL-A519T FPAHYRRL	176	>MPL-A519T FPTHYRRL	387	211
>MPL-A519T FPAHYRRL	152	>MPL-A519T FPTHYRRL	251	99
>MPL-A519T FPAHYRRL	439	>MPL-A519T FPTHYRRL	2273	1834
>MPL-A519T FPAHYRRL	320	>MPL-A519T FPTHYRRL	264	56
>MPL-A519T FPAHYRRLR	212	>MPL-A519T FPTHYRRLR	232	20
>MPL-A519T FPAHYRRLRH	721	>MPL-A519T FPTHYRRLRH	499	222
>MPL-A519T FPAHYRRLRH	8	>MPL-A519T FPTHYRRLRH	9	1
>MPL-A519T FPAHYRRL	49	>MPL-A519T FPTHYRRL	60	11
>MPL-A519T QFPAHYRRL	557	>MPL-A519T QFPTHYRRL	381	176
>MPL-A519T QFPAHYRRL	57	>MPL-A519T QFPTHYRRL	115	58
>MPL-A519T QFPAHYRR	71	>MPL-A519T QFPTHYRR	87	16
>MPL-A519T QFPAHYRRLR	19	>MPL-A519T QFPTHYRRLR	17	2
>MPL-A519T QFPAHYRRLR	262	>MPL-A519T QFPTHYRRLR	259	3
>MPL-A519T QFPAHYRRLR	142	>MPL-A519T QFPTHYRRLR	234	92
>MPL-A519T QFPAHYRRLR	214	>MPL-A519T QFPTHYRRLR	486	272
>MPL-A519T QFPAHYRR	28	>MPL-A519T QFPTHYRR	26	2
>MPL-A519T QFPAHYRRLR	84	>MPL-A519T QFPTHYRRLR	84	0

>MPL-A519T WQFPAHYRR	482	>MPL-A519T WQFPPTHYRR	614	132
>MPL-A519T WQFPAHYRR	324	>MPL-A519T WQFPPTHYRR	240	84
>MPL-A519T WQFPAHYR	26	>MPL-A519T WQFPPTHYR	14	12
>MPL-A519T WQFPAHYRR	24	>MPL-A519T WQFPPTHYRR	16	8
>MPL-A519T WQFPAHYRR	53	>MPL-A519T WQFPPTHYRR	35	18
>MPL-A519T WQFPAHYR	57	>MPL-A519T WQFPPTHYR	54	3
>MPL-A519T WQFPAHYRR	103	>MPL-A519T WQFPPTHYRR	108	5
>MPL-A519T WQFPAHYRR	272	>MPL-A519T WQFPPTHYRR	276	4
>MPL-A519T WQFPAHYRR	164	>MPL-A519T WQFPPTHYRR	228	64
>MPL-A519T WQFPAHYR	61	>MPL-A519T WQFPPTHYR	39	22
>MPL-A519T WQFPAHYRR	133	>MPL-A519T WQFPPTHYRR	71	62
>MPL-A519T WQFPAHYRR	23	>MPL-A519T WQFPPTHYRR	18	5
>MPL-A519T WQFPAHYRR	122	>MPL-A519T WQFPPTHYRR	78	44
>MPL-A519T WQFPAHYRR	474	>MPL-A519T WQFPPTHYRR	484	10
>MPL-A519T WQFPAHYRR	84	>MPL-A519T WQFPPTHYRR	52	32
>MPL-A519T WQFPAHYRR	252	>MPL-A519T WQFPPTHYRR	401	149
>MPL-A519T WQFPAHYR	15	>MPL-A519T WQFPPTHYR	13	2
>MPL-A519T WQFPAHYRR	24	>MPL-A519T WQFPPTHYRR	19	5
>MPL-A519T WQFPAHYRR	65	>MPL-A519T WQFPPTHYRR	56	9
>MPL-A519T RWQFPAHYR	546	>MPL-A519T RWQFPPTHYR	442	104
>MPL-A519T RWQFPAHYR	61	>MPL-A519T RWQFPPTHYR	49	12
>MPL-A519T RWQFPAHY	135	>MPL-A519T RWQFPPTHY	194	59
>MPL-A519T RWQFPAHY	55	>MPL-A519T RWQFPPTHY	128	73
>MPL-A519T RWQFPAHYR	18	>MPL-A519T RWQFPPTHYR	9	9
>MPL-A519T RWQFPAHYR	8	>MPL-A519T RWQFPPTHYR	6	2
>MPL-A519T RWQFPAHY	380	>MPL-A519T RWQFPPTHY	224	156
>MPL-A519T RWQFPAHYR	507	>MPL-A519T RWQFPPTHYR	446	61
>MPL-A519T RWQFPAHYR	386	>MPL-A519T RWQFPPTHYR	332	54
>MPL-A519T RWQFPAHYR	8	>MPL-A519T RWQFPPTHYR	7	1
>MPL-A519T RWQFPAHYR	10	>MPL-A519T RWQFPPTHYR	9	1
>MPL-A519T RWQFPAHY	353	>MPL-A519T RWQFPPTHY	346	7
>MPL-A519T RWQFPAHYR	162	>MPL-A519T RWQFPPTHYR	166	4
>MPL-A519T RWQFPAHYR	198	>MPL-A519T RWQFPPTHYR	187	11
>MPL-A519T LRWQFPAHY	67	>MPL-A519T LRWQFPPTHY	139	72
>MPL-A519T LRWQFPAHY	194	>MPL-A519T LRWQFPPTHY	1207	1013
>MPL-A519T LRWQFPAHY	168	>MPL-A519T LRWQFPPTHY	166	2
>MPL-A519T LRWQFPAH	296	>MPL-A519T LRWQFPPTH	384	88
>MPL-A519T LRWQFPAHY	22	>MPL-A519T LRWQFPPTHY	12	10
>MPL-A519T LRWQFPAH	84	>MPL-A519T LRWQFPPTH	81	3
>MPL-A519T LRWQFPAHY	34	>MPL-A519T LRWQFPPTHY	29	5
>MPL-A519T LRWQFPAHY	36	>MPL-A519T LRWQFPPTHY	32	4
>MPL-A519T LRWQFPAHY	34	>MPL-A519T LRWQFPPTHY	33	1
>MPL-A519T LRWQFPAH	994	>MPL-A519T LRWQFPPTH	339	655

>MPL-A519T LRWQFPAHY	70	>MPL-A519T LRWQFPTHY	84	14
>MPL-A519T LRWQFPAHY	250	>MPL-A519T LRWQFPTHYI	223	27
>MPL-A519T LRWQFPAHY	352	>MPL-A519T LRWQFPTHYI	339	13
>MPL-A519T LRWQFPAHY	17	>MPL-A519T LRWQFPTHYI	15	2
>MPL-A519T LRWQFPAHY	28	>MPL-A519T LRWQFPTHYI	25	3
>MPL-A519T LLRWQFPA	499	>MPL-A519T LLRWQFPT	3064	2565
>MPL-A519T LLRWQFPA	452	>MPL-A519T LLRWQFPT	2842	2390
>MPL-A519T LLRWQFPA	37	>MPL-A519T LLRWQFPT	493	456
>MPL-A519T LLRWQFPA	311	>MPL-A519T LLRWQFPT	1758	1447
>MPL-A519T LLRWQFPA	46	>MPL-A519T LLRWQFPT	354	308
>MPL-A519T LLRWQFPA	208	>MPL-A519T LLRWQFPT	2398	2190
>MPL-A519T LLRWQFPA	5	>MPL-A519T LLRWQFPT	17	12
>MPL-A519T LLRWQFPAH'	751	>MPL-A519T LLRWQFPTH\	443	308
>MPL-A519T LLRWQFPAH'	189	>MPL-A519T LLRWQFPTH\	158	31
>MPL-A519T LLRWQFPAH'	362	>MPL-A519T LLRWQFPTH\	375	13
>MPL-A519T LLRWQFPA	79	>MPL-A519T LLRWQFPT	2444	2365
>MPL-A519T LLRWQFPAH'	364	>MPL-A519T LLRWQFPTH\	1133	769
>MPL-A519T LLRWQFPAH'	342	>MPL-A519T LLRWQFPTH\	205	137
>MPL-A519T LLRWQFPAH'	423	>MPL-A519T LLRWQFPTH\	1015	592
>MPL-A519T LLRWQFPAH'	11	>MPL-A519T LLRWQFPTH\	9	2
>MPL-A519T LLRWQFPAH'	70	>MPL-A519T LLRWQFPTH\	46	24
>MPL-A519T LLRWQFPAH'	294	>MPL-A519T LLRWQFPTH\	263	31
>MPL-A519T LLRWQFPAH'	43	>MPL-A519T LLRWQFPTH\	48	5
>MPL-A519T LLRWQFPAH'	104	>MPL-A519T LLRWQFPTH\	73	31
>MPL-A519T LLRWQFPAH'	276	>MPL-A519T LLRWQFPTH\	423	147
>MPL-A519T LLRWQFPAH'	85	>MPL-A519T LLRWQFPTH\	85	0
>MPL-A519T LLRWQFPAH'	66	>MPL-A519T LLRWQFPTH\	51	15
>MPL-A519T LLLRWQFPA	9	>MPL-A519T LLLRWQFPT	19	10
>MPL-A519T LLLRWQFPA	94	>MPL-A519T LLLRWQFPT	676	582
>MPL-A519T LLLRWQFPA	134	>MPL-A519T LLLRWQFPT	1102	968
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>MPL-A519T LLLRWQFPA	3	>MPL-A519T LLLRWQFPT	6	3
>MPL-A519T LLLRWQFPAH	157	>MPL-A519T LLLRWQFPTH	292	135
>MPL-A519T LLLRWQFPA	5	>MPL-A519T LLLRWQFPT	21	16
>MPL-A519T LLLRWQFPA	7	>MPL-A519T LLLRWQFPT	21	14
>MPL-A519T LLLRWQFPA	6	>MPL-A519T LLLRWQFPT	35	29
>MPL-A519T LLLRWQFPA	3	>MPL-A519T LLLRWQFPT	5	2
>MPL-A519T LLLRWQFPAH	1264	>MPL-A519T LLLRWQFPTH	414	850
>MPL-A519T LLLRWQFPAH	147	>MPL-A519T LLLRWQFPTH	196	49
>MPL-A519T LLLRWQFPAH	323	>MPL-A519T LLLRWQFPTH	280	43
>MPL-A519T LLLRWQFPAH	13	>MPL-A519T LLLRWQFPTH	17	4
>MPL-A519T LLLRWQFPAH	57	>MPL-A519T LLLRWQFPTH	180	123
>MPL-A519T LLLRWQFPA	95	>MPL-A519T LLLRWQFPT	840	745

>MPL-A519T LLLRWQFPAH	27	>MPL-A519T LLLRWQFPTH	26	1
>MPL-A519T LLLRWQFPAH	84	>MPL-A519T LLLRWQFPTH	96	12
>MPL-A519T LLLRWQFPAH	74	>MPL-A519T LLLRWQFPTH	49	25
>MPL-A519T LLLRWQFPAH	462	>MPL-A519T LLLRWQFPTH	700	238
>MPL-A519T LLLLRWQFPA	138	>MPL-A519T LLLLRWQFPT	376	238
>MPL-A519T LLLLRWQFPA	153	>MPL-A519T LLLLRWQFPT	492	339
>MPL-A519T LLLLRWQFPA	175	>MPL-A519T LLLLRWQFPT	548	373
>MPL-A519T LLLLRWQFPA	17	>MPL-A519T LLLLRWQFPT	93	76
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>MPL-A519T LLLLRWQFPA	21	>MPL-A519T LLLLRWQFPT	185	164
>MPL-A519T LLLLRWQFPA	96	>MPL-A519T LLLLRWQFPT	592	496
>MPL-A519T LLLLRWQFPA	14	>MPL-A519T LLLLRWQFPT	62	48
>MPL-G509C GLLLRWQFF	47	>MPL-G509C CLLLRWQFP	99	52
>MPL-G509C GLLLRWQFF	261	>MPL-G509C CLLLRWQFP	850	589
>MPL-G509C GLLLRWQFF	148	>MPL-G509C CLLLRWQFP	297	149
>MPL-G509C GLLLRWQFF	33	>MPL-G509C CLLLRWQFP	123	90
>MPL-G509C GLLLRWQFF	29	>MPL-G509C CLLLRWQFP	149	120
>MPL-G509C GLLLRWQFF	13	>MPL-G509C CLLLRWQFP	153	140
>MPL-G509C GLLLRWQFF	386	>MPL-G509C CLLLRWQFP	238	148
>MPL-G509C GLLLRWQFF	18	>MPL-G509C CLLLRWQFP	69	51
>MPL-G509C GLLLRWQF	732	>MPL-G509C CLLLRWQF	304	428
>MPL-G509C GLLLRWQF	248	>MPL-G509C CLLLRWQF	39	209
>MPL-G509C LGLLLLRW	155	>MPL-G509C LCLLLLRW	498	343
>MPL-G509C LGLLLLRW	374	>MPL-G509C LCLLLLRW	4358	3984
>MPL-G509C LGLLLLRW	79	>MPL-G509C LCLLLLRW	459	380
>MPL-G509C LGLLLLRW	701	>MPL-G509C LCLLLLRW	390	311
>MPL-G509C HVLGLSAVLI	15741	>MPL-G509C HVLGLSAVLI	493	15248
>MPL-G509C VLGLLLLR	554	>MPL-G509C VLCLLLLLR	213	341
>MPL-G509C VLGLLLLR	1656	>MPL-G509C VLCLLLLLR	261	1395
>MPL-G509C VLGLLLLRW	1513	>MPL-G509C VLCLLLLLRW	181	1332
>MPL-G509C VLGLLLLRW	295	>MPL-G509C VLCLLLLLRW	567	272
>MPL-G509C VLGLLLLR	262	>MPL-G509C VLCLLLLLR	249	13
>MPL-G509C AVLGLLLL	112	>MPL-G509C AVLCLLLLL	94	18
>MPL-G509C AVLGLLLL	410	>MPL-G509C AVLCLLLLL	633	223
>MPL-G509C AVLGLLLL	24	>MPL-G509C AVLCLLLLL	32	8
>MPL-G509C AVLGLLLL	188	>MPL-G509C AVLCLLLLL	388	200
>MPL-G509C AVLGLLLL	236	>MPL-G509C AVLCLLLLL	1021	785
>MPL-G509C AVLGLLLL	48	>MPL-G509C AVLCLLLLL	977	929
>MPL-G509C AVLGLLLLR	30	>MPL-G509C AVLCLLLLLR	38	8
>MPL-G509C AVLGLLLLR	50	>MPL-G509C AVLCLLLLLR	44	6
>MPL-G509C AVLGLLLLRW	196	>MPL-G509C AVLCLLLLLRW	468	272
>MPL-G509C AVLGLLLLRW	23	>MPL-G509C AVLCLLLLLRW	43	20
>MPL-G509C AVLGLLLLRW	40	>MPL-G509C AVLCLLLLLRW	70	30



>MPL-G509C AVLGLLLLR	487	>MPL-G509C AVLCLLLLLR	209	278
>MPL-G509C AVLGLLLLR	426	>MPL-G509C AVLCLLLLLR	307	119
>MPL-G509C SAVLGLLLL	440	>MPL-G509C SAVLCLLLL	3053	2613
>MPL-G509C SAVLGLLLL	357	>MPL-G509C SAVLCLLLL	378	21
>MPL-G509C SAVLGLLLLR	70	>MPL-G509C SAVLCLLLLLR	77	7
>MPL-G509C SAVLGLLLLR	159	>MPL-G509C SAVLCLLLLLR	42	117
>MPL-G509C SAVLGLLLLR	764	>MPL-G509C SAVLCLLLLLR	161	603
>MPL-G509C SAVLGLLLLR	24	>MPL-G509C SAVLCLLLLLR	17	7
>MPL-G509C SAVLGLLL	126	>MPL-G509C SAVLCLLL	368	242
>MPL-G509C SAVLGLLL	81	>MPL-G509C SAVLCLLLL	263	182
>MPL-G509C SAVLGLLLLRV	8	>MPL-G509C SAVLCLLLLLRV	11	3
>MPL-G509C SAVLGLLLLRV	201	>MPL-G509C SAVLCLLLLLRV	102	99
>MPL-G509C SAVLGLLLLRV	224	>MPL-G509C SAVLCLLLLLRV	102	122
>MPL-G509C SAVLGLLLLRV	21	>MPL-G509C SAVLCLLLLLRV	22	1
>MPL-G509C SAVLGLLLL	1082	>MPL-G509C SAVLCLLLL	451	631
>MPL-G509C SAVLGLLLLR	920	>MPL-G509C SAVLCLLLLLR	162	758
>MPL-G509C LSAVLGLL	574	>MPL-G509C LSAVLCLL	284	290
>MPL-G509C LSAVLGLLLLR	352	>MPL-G509C LSAVLCLLLLR	364	12
>MPL-G509C LSAVLGLLLLR	135	>MPL-G509C LSAVLCLLLLR	117	18
>MPL-G509C LSAVLGLLLLR	64	>MPL-G509C LSAVLCLLLLR	43	21
>MPL-G509C LSAVLGLL	104	>MPL-G509C LSAVLCLL	67	37
>MPL-G509C LSAVLGLLL	25	>MPL-G509C LSAVLCLLL	65	40
>MPL-G509C LSAVLGLLLL	21	>MPL-G509C LSAVLCLLLL	42	21
>MPL-G509C LSAVLGLL	267	>MPL-G509C LSAVLCLL	91	176
>MPL-G509C LSAVLGLLL	77	>MPL-G509C LSAVLCLLL	81	4
>MPL-G509C LSAVLGLLLL	73	>MPL-G509C LSAVLCLLLL	78	5
>MPL-G509C LSAVLGLL	264	>MPL-G509C LSAVLCLL	23	241
>MPL-G509C LSAVLGLLL	26	>MPL-G509C LSAVLCLLL	32	6
>MPL-G509C LSAVLGLLLL	36	>MPL-G509C LSAVLCLLLL	30	6
>MPL-G509C LSAVLGLL	120	>MPL-G509C LSAVLCLL	148	28
>MPL-G509C LSAVLGLLL	57	>MPL-G509C LSAVLCLLL	47	10
>MPL-G509C LSAVLGLLLL	44	>MPL-G509C LSAVLCLLLL	42	2
>MPL-G509C LSAVLGLLLLR	493	>MPL-G509C LSAVLCLLLLR	301	192
>MPL-G509C LSAVLGLL	230	>MPL-G509C LSAVLCLL	569	339
>MPL-G509C LSAVLGLLL	316	>MPL-G509C LSAVLCLLL	276	40
>MPL-G509C LSAVLGLLLL	103	>MPL-G509C LSAVLCLLLL	54	49
>MPL-G509C GLSAVLGL	54	>MPL-G509C GLSAVLCL	49	5
>MPL-G509C GLSAVLGLL	136	>MPL-G509C GLSAVLCLL	25	111
>MPL-G509C GLSAVLGLLL	390	>MPL-G509C GLSAVLCLLL	173	217
>MPL-G509C GLSAVLGLLLL	54	>MPL-G509C GLSAVLCLLLL	25	29
>MPL-G509C GLSAVLGL	6	>MPL-G509C GLSAVLCL	8	2
>MPL-G509C GLSAVLGLL	5	>MPL-G509C GLSAVLCLL	3	2
>MPL-G509C GLSAVLGLLL	19	>MPL-G509C GLSAVLCLLL	17	2

>MPL-G509C GLSAVLGLLLL	6	>MPL-G509C GLSAVLCLLLL	4	2
>MPL-G509C GLSAVLGL	12	>MPL-G509C GLSAVLCCL	64	52
>MPL-G509C GLSAVLGLL	8	>MPL-G509C GLSAVLCCL	11	3
>MPL-G509C GLSAVLGLLL	186	>MPL-G509C GLSAVLCLLL	89	97
>MPL-G509C GLSAVLGLLLL	15	>MPL-G509C GLSAVLCLLLL	18	3
>MPL-G509C GLSAVLGL	210	>MPL-G509C GLSAVLCCL	567	357
>MPL-G509C GLSAVLGLL	505	>MPL-G509C GLSAVLCCL	67	438
>MPL-G509C GLSAVLGLLLL	261	>MPL-G509C GLSAVLCLLLL	136	125
>MPL-G509C GLSAVLGL	12	>MPL-G509C GLSAVLCCL	39	27
>MPL-G509C GLSAVLGLL	25	>MPL-G509C GLSAVLCCL	7	18
>MPL-G509C GLSAVLGLLL	54	>MPL-G509C GLSAVLCLLL	68	14
>MPL-G509C GLSAVLGLLLL	34	>MPL-G509C GLSAVLCLLLL	34	0
>MPL-G509C GLSAVLGL	23	>MPL-G509C GLSAVLCCL	26	3
>MPL-G509C GLSAVLGLL	126	>MPL-G509C GLSAVLCCL	14	112
>MPL-G509C GLSAVLGLLL	165	>MPL-G509C GLSAVLCLLL	158	7
>MPL-G509C GLSAVLGLLLL	66	>MPL-G509C GLSAVLCLLLL	31	35
>MPL-G509C GLSAVLGL	16	>MPL-G509C GLSAVLCCL	14	2
>MPL-G509C GLSAVLGLL	55	>MPL-G509C GLSAVLCCL	10	45
>MPL-G509C GLSAVLGLLL	39	>MPL-G509C GLSAVLCLLL	29	10
>MPL-G509C GLSAVLGLLLL	31	>MPL-G509C GLSAVLCLLLL	28	3
>MPL-G509C GLSAVLGL	162	>MPL-G509C GLSAVLCCL	121	41
>MPL-G509C GLSAVLGLL	2920	>MPL-G509C GLSAVLCCL	130	2790
>MPL-G509C GLSAVLGLLL	1175	>MPL-G509C GLSAVLCLLL	395	780
>MPL-G509C GLSAVLGL	6	>MPL-G509C GLSAVLCCL	11	5
>MPL-G509C GLSAVLGLL	17	>MPL-G509C GLSAVLCCL	3	14
>MPL-G509C GLSAVLGLLL	16	>MPL-G509C GLSAVLCLLL	9	7
>MPL-G509C GLSAVLGLLLL	8	>MPL-G509C GLSAVLCLLLL	6	2
>MPL-G509C GLSAVLGLLL	289	>MPL-G509C GLSAVLCLLL	245	44
>MPL-G509C VLGLSAVLGL	226	>MPL-G509C VLGLSAVLCCL	426	200
>MPL-G509C VLGLSAVLGL	108	>MPL-G509C VLGLSAVLCCL	223	115
>MPL-G509C VLGLSAVGLI	225	>MPL-G509C VLGLSAVLCCL	115	110
>MPL-G509C VLGLSAVLGL	245	>MPL-G509C VLGLSAVLCCL	855	610
>MPL-G509C VLGLSAVGLI	496	>MPL-G509C VLGLSAVLCCL	684	188
>MPL-G509C VLGLSAVLGL	49	>MPL-G509C VLGLSAVLCCL	254	205
>MPL-G509C VLGLSAVGLI	140	>MPL-G509C VLGLSAVLCCL	47	93
>MPL-G509C VLGLSAVLGL	98	>MPL-G509C VLGLSAVLCCL	188	90
>MPL-G509C VLGLSAVGLI	476	>MPL-G509C VLGLSAVLCCL	108	368
>MPL-G509C VLGLSAVLGL	39	>MPL-G509C VLGLSAVLCCL	51	12
>MPL-G509C VLGLSAVGLI	212	>MPL-G509C VLGLSAVLCCL	40	172
>MPL-G509C VLGLSAVLGL	30	>MPL-G509C VLGLSAVLCCL	49	19
>MPL-G509C VLGLSAVGLI	700	>MPL-G509C VLGLSAVLCCL	59	641
>MPL-G509C VLGLSAVLG	14661	>MPL-G509C VLGLSAVLC	274	14387
>MPL-G509C VLGLSAVLGL	9	>MPL-G509C VLGLSAVLCCL	24	15

>MPL-G509C VLGLSAVLGI	26	>MPL-G509C VLGLSAVLCI	8	18
>MPL-G509C LVLGLSAVLGI	216	>MPL-G509C LVLGLSAVLCI	335	119
>MPL-G509C LVLGLSAVLGI	385	>MPL-G509C LVLGLSAVLCI	640	255
>MPL-G509C LVLGLSAVLGI	43	>MPL-G509C LVLGLSAVLCI	187	144
>MPL-G509C LVLGLSAVLGI	70	>MPL-G509C LVLGLSAVLCI	401	331
>MPL-G509C LVLGLSAVLGI	177	>MPL-G509C LVLGLSAVLCI	233	56
>MPL-G509C LVLGLSAVLGI	86	>MPL-G509C LVLGLSAVLCI	139	53
>MPL-G509C LVLGLSAVLGI	37	>MPL-G509C LVLGLSAVLCI	136	99
>MPL-G509C LVLGLSAVLGI	214	>MPL-G509C LVLGLSAVLCI	2300	2086
>MPL-G509C LVLGLSAVLGI	205	>MPL-G509C LVLGLSAVLCI	2097	1892
>MPL-L510P- LLLLRWQFPA	138	>MPL-L510P- PLLLLRWQFPA	2572	2434
>MPL-L510P- LLLLRWQFPA	153	>MPL-L510P- PLLLLRWQFPA	4518	4365
>MPL-L510P- LLLLRWQFPA	175	>MPL-L510P- PLLLLRWQFPA	9574	9399
>MPL-L510P- LLLLRWQFPA	17	>MPL-L510P- PLLLLRWQFPA	307	290
>MPL-L510P- LLLLRWQFPA	58	>MPL-L510P- PLLLLRWQFPA	1418	1360
>MPL-L510P- LLLLRWQFPA	21	>MPL-L510P- PLLLLRWQFPA	207	186
>MPL-L510P- LLLLRWQFPA	96	>MPL-L510P- PLLLLRWQFPA	719	623
>MPL-L510P- LLLLRWQFPA	14	>MPL-L510P- PLLLLRWQFPA	221	207
>MPL-L510P- LLLLRWQF	281	>MPL-L510P- PLLLLRWQF	2293	2012
>MPL-L510P- LLLLRWQF	208	>MPL-L510P- PLLLLRWQF	2284	2076
>MPL-L510P- LLLLRWQF	202	>MPL-L510P- PLLLLRWQF	2035	1833
>MPL-L510P- GLLLLRWQFF	47	>MPL-L510P- GPLLLRWQFF	20595	20548
>MPL-L510P- GLLLLRWQFF	261	>MPL-L510P- GPLLLRWQFF	29707	29446
>MPL-L510P- GLLLLRWQFF	148	>MPL-L510P- GPLLLRWQFF	14351	14203
>MPL-L510P- GLLLLRWQFF	33	>MPL-L510P- GPLLLRWQFF	20315	20282
>MPL-L510P- GLLLLRWQFF	29	>MPL-L510P- GPLLLRWQFF	15386	15357
>MPL-L510P- GLLLLRWQFF	13	>MPL-L510P- GPLLLRWQFF	17921	17908
>MPL-L510P- GLLLLRWQFF	386	>MPL-L510P- GPLLLRWQFF	20225	19839
>MPL-L510P- GLLLLRWQFF	18	>MPL-L510P- GPLLLRWQFF	33926	33908
>MPL-L510P- GLLLLRWQF	248	>MPL-L510P- GPLLLRWQF	2544	2296
>MPL-L510P- GLLLLRWQF	30378	>MPL-L510P- GPLLLRWQF	250	30128
>MPL-L510P- GLLLLRWQFF	20448	>MPL-L510P- GPLLLRWQFF	39	20409
>MPL-L510P- GLLLLRWQF	26279	>MPL-L510P- GPLLLRWQF	417	25862
>MPL-L510P- LVLGLSAVLGI	216	>MPL-L510P- LVLGLSAVLCI	21181	20965
>MPL-L510P- LVLGLSAVLGI	385	>MPL-L510P- LVLGLSAVLCI	11214	10829
>MPL-L510P- LVLGLSAVLGI	43	>MPL-L510P- LVLGLSAVLCI	5750	5707
>MPL-L510P- LVLGLSAVLGI	70	>MPL-L510P- LVLGLSAVLCI	14115	14045
>MPL-L510P- LVLGLSAVLGI	177	>MPL-L510P- LVLGLSAVLCI	18333	18156
>MPL-L510P- LVLGLSAVLGI	86	>MPL-L510P- LVLGLSAVLCI	20291	20205
>MPL-L510P- LVLGLSAVLGI	37	>MPL-L510P- LVLGLSAVLCI	22946	22909
>MPL-L510P- LVLGLSAVLGI	214	>MPL-L510P- LVLGLSAVLCI	13486	13272
>MPL-L510P- LVLGLSAVLGI	205	>MPL-L510P- LVLGLSAVLCI	18923	18718
>MPL-L510P- LGLLLLRW	155	>MPL-L510P- LGPLLLRW	5480	5325

>MPL-L510P-LGLLLLRW	374	>MPL-L510P-LGPLLLLRW	3569	3195
>MPL-L510P-LGLLLLRW	79	>MPL-L510P-LGPLLLLRW	4464	4385
>MPL-L510P-LGLLLLRWQF	18341	>MPL-L510P-LGPLLLLRWQF	113	18228
>MPL-L510P-VLGLLLLRWC	1896	>MPL-L510P-VLGPLLRRWC	173	1723
>MPL-L510P-VLGLLLLRWC	1955	>MPL-L510P-VLGPLLRRWC	195	1760
>MPL-L510P-VLGLLLLRWC	806	>MPL-L510P-VLGPLLRRWC	215	591
>MPL-L510P-VLGLLLLRWC	1272	>MPL-L510P-VLGPLLRRWC	251	1021
>MPL-L510P-VLGLLLLRWC	1161	>MPL-L510P-VLGPLLRRWC	441	720
>MPL-L510P-VLGLLLLR	554	>MPL-L510P-VLGPLLRR	371	183
>MPL-L510P-VLGLLLLRW	1513	>MPL-L510P-VLGPLLRRW	90	1423
>MPL-L510P-VLGLLLLRW	295	>MPL-L510P-VLGPLLRRW	56	239
>MPL-L510P-VLGLLLLR	262	>MPL-L510P-VLGPLLRR	297	35
>MPL-L510P-AVLGLLLL	112	>MPL-L510P-AVLGPLL	336	224
>MPL-L510P-AVLGLLLL	410	>MPL-L510P-AVLGPLL	1513	1103
>MPL-L510P-AVLGLLLL	24	>MPL-L510P-AVLGPLL	101	77
>MPL-L510P-AVLGLLLL	188	>MPL-L510P-AVLGPLL	114	74
>MPL-L510P-AVLGLLLL	236	>MPL-L510P-AVLGPLL	592	356
>MPL-L510P-AVLGLLLL	48	>MPL-L510P-AVLGPLL	91	43
>MPL-L510P-AVLGLLLLR	579	>MPL-L510P-AVLGPLLRR	339	240
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>MPL-L510P-AVLGLLLLRW	23	>MPL-L510P-AVLGPLLRRW	12	11
>MPL-L510P-AVLGLLLLRW	40	>MPL-L510P-AVLGPLLRRW	48	8
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>MPL-L510P-AVLGLLLLR	426	>MPL-L510P-AVLGPLLRR	990	564
>MPL-L510P-SAVLGLLLL	440	>MPL-L510P-SAVLGPLL	910	470
>MPL-L510P-SAVLGLLLL	357	>MPL-L510P-SAVLGPLL	3749	3392
>MPL-L510P-SAVLGLLLLR	70	>MPL-L510P-SAVLGPLLRR	67	3
>MPL-L510P-SAVLGLLLLR	159	>MPL-L510P-SAVLGPLLRR	494	335
>MPL-L510P-SAVLGLLLLR	24	>MPL-L510P-SAVLGPLLRR	20	4
>MPL-L510P-SAVLGLLLL	126	>MPL-L510P-SAVLGPLL	204	78
>MPL-L510P-SAVLGLLLL	81	>MPL-L510P-SAVLGPLL	109	28
>MPL-L510P-SAVLGLLLLRW	8	>MPL-L510P-SAVLGPLLRR	7	1
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>MPL-L510P-SAVLGLLLLRW	224	>MPL-L510P-SAVLGPLLRR	147	77
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>MPL-L510P-LSAVLGLL	104	>MPL-L510P-LSAVLGPL	36	68
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>MPL-L510P-LSAVLGLLL	21	>MPL-L510P-LSAVLGPLLL	26	5
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>MPL-L510P-LSAVLGLLL	26	>MPL-L510P-LSAVLGPLL	20	6
>MPL-L510P-LSAVLGLLL	36	>MPL-L510P-LSAVLGPLLL	56	20
>MPL-L510P-LSAVLGLL	120	>MPL-L510P-LSAVLGPL	822	702
>MPL-L510P-LSAVLGLLL	57	>MPL-L510P-LSAVLGPLL	84	27
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>MPL-L510P-LSAVLGLLLL	493	>MPL-L510P-LSAVLGPLLLF	843	350
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>MPL-L510P-LSAVLGLLL	103	>MPL-L510P-LSAVLGPLLL	69	34
>MPL-L510P-GLSAVLGL	54	>MPL-L510P-GLSAVLGP	19488	19434
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>MPL-L510P-GLSAVLGLLL	6	>MPL-L510P-GLSAVLGPLLI	9	3
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>MPL-L510P-GLSAVLGLL	8	>MPL-L510P-GLSAVLGPL	5	3
>MPL-L510P-GLSAVLGLLL	186	>MPL-L510P-GLSAVLGPLL	385	199
>MPL-L510P-GLSAVLGLLL	15	>MPL-L510P-GLSAVLGPLLI	19	4
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>MPL-L510P-GLSAVLGL	12	>MPL-L510P-GLSAVLGP	7635	7623
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>MPL-L510P-GLSAVLGLLL	34	>MPL-L510P-GLSAVLGPLLI	29	5
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>MPL-L510P-GLSAVLGLLL	66	>MPL-L510P-GLSAVLGPLLI	89	23
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>MPL-L510P-GLSAVLGLL	55	>MPL-L510P-GLSAVLGPL	33	22
>MPL-L510P-GLSAVLGLLL	39	>MPL-L510P-GLSAVLGPLL	19	20
>MPL-L510P-GLSAVLGLLL	31	>MPL-L510P-GLSAVLGPLLI	33	2
>MPL-L510P-GLSAVLGL	162	>MPL-L510P-GLSAVLGP	24271	24109
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>MPL-L510P-GLSAVLGLLLL	8	>MPL-L510P-GLSAVLGPLLI	15	7
>MPL-L510P-GLSAVLGLLL	289	>MPL-L510P-GLSAVLGPLL	1243	954
>MPL-L510P-VLGLSAVLGL	226	>MPL-L510P-VLGLSAVLGP	7597	7371
>MPL-L510P-VLGLSAVLGL	108	>MPL-L510P-VLGLSAVLGP	15333	15225
>MPL-L510P-VLGLSAVLGLI	225	>MPL-L510P-VLGLSAVLGP	263	38
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>MPL-L510P-VLGLSAVLGLI	496	>MPL-L510P-VLGLSAVLGP	230	266
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>MPL-L510P-VLGLSAVLGL	98	>MPL-L510P-VLGLSAVLGP	19604	19506
>MPL-L510P-VLGLSAVLGLI	476	>MPL-L510P-VLGLSAVLGP	116	360
>MPL-L510P-VLGLSAVLGL	39	>MPL-L510P-VLGLSAVLGP	13777	13738
>MPL-L510P-VLGLSAVLGLI	212	>MPL-L510P-VLGLSAVLGP	159	53
>MPL-L510P-VLGLSAVLGL	30	>MPL-L510P-VLGLSAVLGP	22273	22243
>MPL-L510P-VLGLSAVLGL	9	>MPL-L510P-VLGLSAVLGP	14751	14742
>MPL-L510P-VLGLSAVLGLI	26	>MPL-L510P-VLGLSAVLGP	30	4
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>MPL-S204F-SALDQSPC	3078	>MPL-S204F-FALDQSPC	198	2880
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>MPL-S204F-SALDQSPCA	398	>MPL-S204F-FALDQSPCA	146	252
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>MPL-S204F-SALDQSPCA	1068	>MPL-S204F-FALDQSPCA	309	759
>MPL-S204F-SALDQSPCA	21899	>MPL-S204F-FALDQSPCA	252	21647
>MPL-S204F-CPALQRPHSA	1906	>MPL-S204F-CPALQRPHSA	27	1879
>MPL-S204F-CPALQRPHSA	826	>MPL-S204F-CPALQRPHSA	22	804
>MPL-S204F-CPALQRPHSA	21735	>MPL-S204F-CPALQRPHSA	432	21303
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>MPL-S204F-CPALQRPHSA	7809	>MPL-S204F-CPALQRPHSA	80	7729
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>MPL-S204F-RPHSASALDC	63	>MPL-S204F-RPHSAFALDC	113	50
>MPL-S204F-RPHSASAL	7	>MPL-S204F-RPHSAFAL	9	2
>MPL-S204F-RPHSASAL	279	>MPL-S204F-RPHSAFAL	543	264
>MPL-S204F-RPHSASAL	246	>MPL-S204F-RPHSAFAL	283	37
>MPL-S204F-RPHSASAL	57	>MPL-S204F-RPHSAFAL	56	1
>MPL-S204F-RPHSASAL	291	>MPL-S204F-RPHSAFAL	242	49
>MPL-S204F-QRPHSASAL	64	>MPL-S204F-QRPHSAFAL	270	206
>MPL-S204F-QRPHSASAL	181	>MPL-S204F-QRPHSAFAL	102	79
>MPL-S204F-QRPHSASAL	169	>MPL-S204F-QRPHSAFAL	363	194
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>MPL-S204F-LQRPHSASA	123	>MPL-S204F-LQRPHSAFA	44	79
>MPL-S204F-LQRPHSASA	21	>MPL-S204F-LQRPHSAFA	10	11

>MPL-S204F-LQRPHSASAL	246	>MPL-S204F-LQRPHSAFAL	151	95
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>MPL-S204F-LQRPHSASA	44	>MPL-S204F-LQRPHSAFA	72	28
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>MPL-S204F-LQRPHSAS	8010	>MPL-S204F-LQRPHSAF	59	7951
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>MPL-S204F-LQRPHSASAL	5	>MPL-S204F-LQRPHSAFAL	8	3
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>MPL-S204F-LQRPHSASAL	383	>MPL-S204F-LQRPHSAFAL	308	75
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>MPL-S204F-ALQRPHSASA	278	>MPL-S204F-ALQRPHSAFA	383	105
>MPL-S204F-ALQRPHSASA	256	>MPL-S204F-ALQRPHSAFA	535	279
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>MPL-S204F-ALQRPHSASA	48	>MPL-S204F-ALQRPHSAFA	17	31
>MPL-S204F-ALQRPHSASA	256	>MPL-S204F-ALQRPHSAFA	163	93
>MPL-S204F-ALQRPHSASA	61	>MPL-S204F-ALQRPHSAFA	24	37
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>MPL-S204F-ALQRPHSASA	444	>MPL-S204F-ALQRPHSAFA	895	451
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>MPL-S204F-ALQRPHSASA	422	>MPL-S204F-ALQRPHSAFA	1374	952
>MPL-S204F-ALQRPHSAS	5077	>MPL-S204F-ALQRPHSAF	11	5066
>MPL-S204F-ALQRPHSASA	168	>MPL-S204F-ALQRPHSAFA	384	216
>MPL-S204F-ALQRPHSAS	12414	>MPL-S204F-ALQRPHSAF	117	12297
>MPL-S204F-PALQRPHSAS	20501	>MPL-S204F-PALQRPHSAF	154	20347
>MPL-S204P-SALDQSPCA	398	>MPL-S204P-PALDQSPCA	8935	8537
>MPL-S204P-ASALDQSPC	23809	>MPL-S204P-APALDQSPC	306	23503
>MPL-S204P-CPALQRPHSA	207	>MPL-S204P-CPALQRPHSA	340	133
>MPL-S204P-RPHSASAL	10	>MPL-S204P-RPHSAPAL	6	4
>MPL-S204P-RPHSASALDC	63	>MPL-S204P-RPHSAPALDC	151	88
>MPL-S204P-RPHSASAL	7	>MPL-S204P-RPHSAPAL	11	4
>MPL-S204P-RPHSASAL	279	>MPL-S204P-RPHSAPAL	563	284
>MPL-S204P-RPHSASAL	246	>MPL-S204P-RPHSAPAL	404	158
>MPL-S204P-RPHSASAL	57	>MPL-S204P-RPHSAPAL	64	7
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>MPL-S204P-QRPHSASAL	64	>MPL-S204P-QRPHSAPAL	160	96

>MPL-S204P-QRPHSASAL	181	>MPL-S204P-QRPHSAPAL	243	62
>MPL-S204P-QRPHSASAL	169	>MPL-S204P-QRPHSAPAL	218	49
>MPL-S204P-LQRPHSASA	60	>MPL-S204P-LQRPHSAPA	44	16
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>MPL-S204P-LQRPHSASA	21	>MPL-S204P-LQRPHSAPA	13	8
>MPL-S204P-LQRPHSASAL	246	>MPL-S204P-LQRPHSAPAL	71	175
>MPL-S204P-LQRPHSAS	227	>MPL-S204P-LQRPHSAP	240	13
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>MPL-S204P-LQRPHSASAL	30	>MPL-S204P-LQRPHSAPAL	38	8
>MPL-S204P-LQRPHSAS	173	>MPL-S204P-LQRPHSAP	168	5
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>MPL-S204P-LQRPHSASAL	5	>MPL-S204P-LQRPHSAPAL	7	2
>MPL-S204P-LQRPHSASAL	383	>MPL-S204P-LQRPHSAPAL	400	17
>MPL-S204P-LQRPHSASAL	323	>MPL-S204P-LQRPHSAPAL	254	69
>MPL-S204P-ALQRPHSASA	354	>MPL-S204P-ALQRPHSAP/	680	326
>MPL-S204P-ALQRPHSASA	278	>MPL-S204P-ALQRPHSAP/	408	130
>MPL-S204P-ALQRPHSASA	256	>MPL-S204P-ALQRPHSAP/	676	420
>MPL-S204P-ALQRPHSASA	84	>MPL-S204P-ALQRPHSAP/	74	10
>MPL-S204P-ALQRPHSASA	48	>MPL-S204P-ALQRPHSAP/	31	17
>MPL-S204P-ALQRPHSASA	256	>MPL-S204P-ALQRPHSAP/	179	77
>MPL-S204P-ALQRPHSASA	61	>MPL-S204P-ALQRPHSAP/	62	1
>MPL-S204P-ALQRPHSASA	10	>MPL-S204P-ALQRPHSAP/	16	6
>MPL-S204P-ALQRPHSASA	8	>MPL-S204P-ALQRPHSAP/	8	0
>MPL-S204P-ALQRPHSASA	417	>MPL-S204P-ALQRPHSAP/	1051	634
>MPL-S204P-ALQRPHSASA	705	>MPL-S204P-ALQRPHSAP/	456	249
>MPL-S204P-ALQRPHSASA	444	>MPL-S204P-ALQRPHSAP/	698	254
>MPL-S204P-ALQRPHSASA	422	>MPL-S204P-ALQRPHSAP/	1763	1341
>MPL-S204P-ALQRPHSASA	168	>MPL-S204P-ALQRPHSAP/	308	140
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>MPL-S505N SAVLGLLLL	357	>MPL-S505N NAVLGLLLL	803	446
>MPL-S505N SAVLGLLLLR	70	>MPL-S505N NAVLGLLLLR	537	467
>MPL-S505N SAVLGLLLLR	159	>MPL-S505N NAVLGLLLLR	554	395
>MPL-S505N SAVLGLLLLR	764	>MPL-S505N NAVLGLLLLR	410	354
>MPL-S505N SAVLGLLLLR	24	>MPL-S505N NAVLGLLLLR	13	11
>MPL-S505N SAVLGLLL	126	>MPL-S505N NAVLGLLL	1920	1794
>MPL-S505N SAVLGLLLL	81	>MPL-S505N NAVLGLLLL	1572	1491
>MPL-S505N SAVLGLLLLRV	8	>MPL-S505N NAVLGLLLLRV	39	31
>MPL-S505N SAVLGLLLLRV	201	>MPL-S505N NAVLGLLLLRV	90	111
>MPL-S505N SAVLGLLLLRV	224	>MPL-S505N NAVLGLLLLRV	863	639
>MPL-S505N SAVLGLLLLRV	21	>MPL-S505N NAVLGLLLLRV	72	51
>MPL-S505N LSAVLGLLLLR	352	>MPL-S505N LNAVLGLLLLF	13684	13332
>MPL-S505N LSAVLGLLLLR	135	>MPL-S505N LNAVLGLLLLF	2760	2625
>MPL-S505N LSAVLGLLLLR	64	>MPL-S505N LNAVLGLLLLF	522	458



>MPL-S505N LSAVLGLL	104	>MPL-S505N LNAVLGLL	20867	20763
>MPL-S505N LSAVLGLLL	25	>MPL-S505N LNAVLGLLL	15682	15657
>MPL-S505N LSAVLGLLLL	21	>MPL-S505N LNAVLGLLLL	16212	16191
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>MPL-S505N LSAVLGLLLL	73	>MPL-S505N LNAVLGLLLL	13135	13062
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>MPL-S505N LSAVLGLLL	26	>MPL-S505N LNAVLGLLL	3604	3578
>MPL-S505N LSAVLGLLLL	36	>MPL-S505N LNAVLGLLLL	4250	4214
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>MPL-S505N LSAVLGLLLL	44	>MPL-S505N LNAVLGLLLL	3403	3359
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>MPL-S505N LSAVLGLL	230	>MPL-S505N LNAVLGLL	4927	4697
>MPL-S505N LSAVLGLLL	316	>MPL-S505N LNAVLGLLL	5655	5339
>MPL-S505N LSAVLGLLLL	103	>MPL-S505N LNAVLGLLLL	11680	11577
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>MPL-S505N GLSAVLGLL	136	>MPL-S505N GLNAVLGLL	213	77
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>MPL-S505N GLSAVLGLL	5	>MPL-S505N GLNAVLGLL	7	2
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>MPL-S505N GLSAVLGLLLL	6	>MPL-S505N GLNAVLGLLL	9	3
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>MPL-S505N GLSAVLGLLL	186	>MPL-S505N GLNAVLGLLL	335	149
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>MPL-S505N GLSAVLGLLL	261	>MPL-S505N GLNAVLGLLL	548	287
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>MPL-S505N GLSAVLGLL	25	>MPL-S505N GLNAVLGLL	13	12
>MPL-S505N GLSAVLGLLL	54	>MPL-S505N GLNAVLGLLL	26	28
>MPL-S505N GLSAVLGLLLL	34	>MPL-S505N GLNAVLGLLL	17	17
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>MPL-S505N GLSAVLGLL	126	>MPL-S505N GLNAVLGLL	85	41
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>MPL-S505N GLSAVLGLLLL	66	>MPL-S505N GLNAVLGLLL	47	19
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>MPL-S505N GLSAVLGLL	55	>MPL-S505N GLNAVLGLL	51	4
>MPL-S505N GLSAVLGLLL	39	>MPL-S505N GLNAVLGLLL	37	2
>MPL-S505N GLSAVLGLLLL	31	>MPL-S505N GLNAVLGLLL	30	1
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>MPL-S505N GLSAVLGLL	17	>MPL-S505N GLNAVLGLL	23	6
>MPL-S505N GLSAVLGLLL	16	>MPL-S505N GLNAVLGLLL	21	5
>MPL-S505N GLSAVLGLLLL	8	>MPL-S505N GLNAVLGLLLL	10	2
>MPL-S505N GLSAVLGLLL	289	>MPL-S505N GLNAVLGLLL	772	483
>MPL-S505N VLGLSAVLGL	226	>MPL-S505N VLGLNAVLGL	252	26
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>MPL-S505N VLGLSAVLGL	108	>MPL-S505N VLGLNAVLGL	177	69
>MPL-S505N VLGLSAVLGLI	225	>MPL-S505N VLGLNAVLGL	305	80
>MPL-S505N VLGLSAVLGL	245	>MPL-S505N VLGLNAVLGL	246	1
>MPL-S505N VLGLSAVLGLI	496	>MPL-S505N VLGLNAVLGL	691	195
>MPL-S505N VLGLSAVL	101	>MPL-S505N VLGLNAVL	73	28
>MPL-S505N VLGLSAVLGL	49	>MPL-S505N VLGLNAVLGL	27	22
>MPL-S505N VLGLSAVLGLI	140	>MPL-S505N VLGLNAVLGL	77	63
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>MPL-S505N VLGLSAVLGL	98	>MPL-S505N VLGLNAVLGL	34	64
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>MPL-S505N VLGLSAVLGL	39	>MPL-S505N VLGLNAVLGL	46	7
>MPL-S505N VLGLSAVLGLI	212	>MPL-S505N VLGLNAVLGL	259	47
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>MPL-S505N VLGLSAVLGL	30	>MPL-S505N VLGLNAVLGL	18	12
>MPL-S505N VLGLSAVLGLI	700	>MPL-S505N VLGLNAVLGL	409	291
>MPL-S505N VLGLSAVL	14	>MPL-S505N VLGLNAVL	14	0
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>MPL-S505N VLGLSAVLGLI	26	>MPL-S505N VLGLNAVLGL	22	4
>MPL-S505N LVLGLSAV	90	>MPL-S505N LVLGLNAV	98	8
>MPL-S505N LVLGLSAVLGI	216	>MPL-S505N LVLGLNAVGL	253	37
>MPL-S505N LVLGLSAV	115	>MPL-S505N LVLGLNAV	94	21
>MPL-S505N LVLGLSAVL	350	>MPL-S505N LVLGLNAVL	509	159
>MPL-S505N LVLGLSAVLGI	385	>MPL-S505N LVLGLNAVGL	515	130
>MPL-S505N LVLGLSAV	57	>MPL-S505N LVLGLNAV	142	85
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>MPL-S505N LVLGLSAVL	140	>MPL-S505N LVLGLNAVL	332	192
>MPL-S505N LVLGLSAVLGI	43	>MPL-S505N LVLGLNAVGL	62	19
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>MPL-S505N LVLGLSAVL	164	>MPL-S505N LVLGLNAVL	332	168
>MPL-S505N LVLGLSAVLGI	70	>MPL-S505N LVLGLNAVGL	92	22
>MPL-S505N LVLGLSAV	44	>MPL-S505N LVLGLNAV	73	29
>MPL-S505N LVLGLSAV	36	>MPL-S505N LVLGLNAV	61	25
>MPL-S505N LVLGLSAVLGI	177	>MPL-S505N LVLGLNAVGL	285	108
>MPL-S505N LVLGLSAV	20	>MPL-S505N LVLGLNAV	40	20
>MPL-S505N LVLGLSAVL	163	>MPL-S505N LVLGLNAVL	581	418

>MPL-S505N LVLGLSAVLGI	86	>MPL-S505N LVLGLNAVLG	148	62
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>MPL-S505N LVLGLSAVL	51	>MPL-S505N LVLGLNAVL	87	36
>MPL-S505N LVLGLSAVLGI	37	>MPL-S505N LVLGLNAVLG	47	10
>MPL-S505N LVLGLSAV	194	>MPL-S505N LVLGLNAV	164	30
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>MPL-S505N LVLGLSAVL	418	>MPL-S505N LVLGLNAVL	776	358
>MPL-S505N LVLGLSAVL	144	>MPL-S505N LVLGLNAVL	163	19
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>MPL-S505N HLVLGLSAVL	108	>MPL-S505N HLVLGLNAVL	95	13
>MPL-S505N HLVLGLSA	91	>MPL-S505N HLVLGLNA	153	62
>MPL-S505N HLVLGLSAV	5	>MPL-S505N HLVLGLNAV	8	3
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>MPL-S505N HLVLGLSAVL	49	>MPL-S505N HLVLGLNAVL	86	37
>MPL-S505N HLVLGLSAV	28	>MPL-S505N HLVLGLNAV	43	15
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>MPL-S505N HLVLGLSA	58	>MPL-S505N HLVLGLNA	157	99
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>MPL-S505N HLVLGLSAVL	16	>MPL-S505N HLVLGLNAVL	27	11
>MPL-S505N HLVLGLSAV	492	>MPL-S505N HLVLGLNAV	339	153
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>MPL-S505N LHLVLGLSAV	440	>MPL-S505N LHLVLGLNAV	772	332
>MPL-S505N LHLVLGLSAVI	382	>MPL-S505N LHLVLGLNAV	485	103
>MPL-S505N LHLVLGLSAVI	32	>MPL-S505N LHLVLGLNAV	55	23
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>MPL-S505N ALHLVLGLSA	243	>MPL-S505N ALHLVLGLNA	446	203
>MPL-S505N ALHLVLGLSA'	41	>MPL-S505N ALHLVLGLNA	27	14
>MPL-S505N ALHLVLGLSA	225	>MPL-S505N ALHLVLGLNA	372	147
>MPL-S505N ALHLVLGLSA'	4	>MPL-S505N ALHLVLGLNA	6	2
>MPL-S505N ALHLVLGLSA'	122	>MPL-S505N ALHLVLGLNA	107	15
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>MPL-S505N ALHLVLGLSA'	3	>MPL-S505N ALHLVLGLNA	4	1
>MPL-S505N ALHLVLGLSA'	11	>MPL-S505N ALHLVLGLNA	11	0
>MPL-S505N ALHLVLGLSA'	18	>MPL-S505N ALHLVLGLNA	23	5

>MPL-S505N ALHLVLGLSA'	164	>MPL-S505N ALHLVLGLNA	241	77
>MPL-S505N ALHLVLGLSA	58	>MPL-S505N ALHLVLGLNA	132	74
>MPL-S505N ALHLVLGLSA'	3	>MPL-S505N ALHLVLGLNA	3	0
>MPL-S505N ALHLVLGLSA	487	>MPL-S505N ALHLVLGLNA	728	241
>MPL-T487A TETAWISL	279	>MPL-T487A AETAWISL	1532	1253
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>MPL-T487A TETAWISL	437	>MPL-T487A AETAWISL	3570	3133
>MPL-T487A TETAWISL	171	>MPL-T487A AETAWISL	594	423
>MPL-T487A TETAWISL	30	>MPL-T487A AETAWISL	15	15
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>MPL-T487A TETAWISLV	460	>MPL-T487A AETAWISLV	297	163
>MPL-T487A TETAWISLVT,	465	>MPL-T487A AETAWISLVT	253	212
>MPL-T487A TETAWISL	639	>MPL-T487A AETAWISL	303	336
>MPL-T487A TETAWISLV	976	>MPL-T487A AETAWISLV	490	486
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>MPL-T487A TETAWISLV	536	>MPL-T487A AETAWISLV	84	452
>MPL-T487A TETAWISLVT	1559	>MPL-T487A AETAWISLVT	117	1442
>MPL-T487A TETAWISLVT,	50	>MPL-T487A AETAWISLVT	12	38
>MPL-T487A TETAWISLV	9	>MPL-T487A AETAWISLV	4	5
>MPL-T487A TETAWISLVT,	504	>MPL-T487A AETAWISLVT	63	441
>MPL-T487A ATETAWISLV	181	>MPL-T487A AAETAWISLV	245	64
>MPL-T487A ATETAWISL	303	>MPL-T487A AAETAWISL	1830	1527
>MPL-T487A ATETAWISL	92	>MPL-T487A AAETAWISL	1029	937
>MPL-T487A ATETAWISL	165	>MPL-T487A AAETAWISL	2010	1845
>MPL-T487A ATETAWISLV	201	>MPL-T487A AAETAWISLV	2042	1841
>MPL-T487A TATETAWISL'	1382	>MPL-T487A TAAETAWISL	305	1077
>MPL-T487A TATETAWISL'	1463	>MPL-T487A TAAETAWISL	126	1337
>MPL-T487A TATETAWISL'	386	>MPL-T487A TAAETAWISL	56	330
>MPL-T487A TATETAWI	916	>MPL-T487A TAAETAWI	333	583
>MPL-T487A TATETAWISL'	44	>MPL-T487A TAAETAWISL	21	23
>MPL-T487A TATETAWISL'	200	>MPL-T487A TAAETAWISL	78	122
>MPL-T487A TATETAWISL'	343	>MPL-T487A TAAETAWISL	146	197
>MPL-T487A TATETAWISL'	2818	>MPL-T487A TAAETAWISL	461	2357
>MPL-T487A TATETAWISL'	33	>MPL-T487A TAAETAWISL	28	5
>MPL-T487A TATETAWI	195	>MPL-T487A TAAETAWI	35	160
>MPL-T487A TATETAWISL	1085	>MPL-T487A TAAETAWISL	401	684
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>MPL-T487A TATETAWI	216	>MPL-T487A TAAETAWI	49	167
>MPL-T487A TATETAWISL	290	>MPL-T487A TAAETAWISL	56	234
>MPL-T487A TATETAWISL'	21	>MPL-T487A TAAETAWISL	8	13

>MPL-T487A TATETAWISL	541	>MPL-T487A TAAETAWISL	367	174
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>MPL-T487A TATETAWI	310	>MPL-T487A TAAETAWI	101	209
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>MPL-T487A ETATETAWI	152	>MPL-T487A ETAAETAWI	158	6
>MPL-T487A ETATETAWIS	75	>MPL-T487A ETAAETAWIS	72	3
>MPL-T487A ETATETAW	118	>MPL-T487A ETAAETAW	165	47
>MPL-T487A ETATETAWI	8	>MPL-T487A ETAAETAWI	14	6
>MPL-T487A ETATETAWIS	12	>MPL-T487A ETAAETAWIS	17	5
>MPL-T487A ETATETAW	438	>MPL-T487A ETAAETAW	344	94
>MPL-T487A ETATETAWIS	228	>MPL-T487A ETAAETAWIS	166	62
>MPL-T487A ETATETAWI	7	>MPL-T487A ETAAETAWI	6	1
>MPL-T487A ETATETAWIS	9	>MPL-T487A ETAAETAWIS	7	2
>MPL-T487A ETATETAWI	19	>MPL-T487A ETAAETAWI	9	10
>MPL-T487A ETATETAWIS	23	>MPL-T487A ETAAETAWIS	13	10
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>MPL-T487A ETATETAWIS	281	>MPL-T487A ETAAETAWIS	121	160
>MPL-T487A ETATETAW	855	>MPL-T487A ETAAETAW	453	402
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>MPL-T487A ETATETAWI	334	>MPL-T487A ETAAETAWI	179	155
>MPL-T487A ETATETAWIS	415	>MPL-T487A ETAAETAWIS	268	147
>MPL-T487A ETATETAWI	168	>MPL-T487A ETAAETAWI	167	1
>MPL-T487A VETATETAWI	43	>MPL-T487A VETAAETAWI	50	7
>MPL-T487A VETATETAW	841	>MPL-T487A VETAAETAW	435	406
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>MPL-T487A VETATETA	157	>MPL-T487A VETAAETA	161	4
>MPL-T487A VETATETAWI	41	>MPL-T487A VETAAETAWI	65	24
>MPL-T487A RVETATETAV	164	>MPL-T487A RVETAAETAV	349	185
>MPL-T487A RVETATETAV	258	>MPL-T487A RVETAAETAV	425	167
>MPL-T487A RVETATETAV	157	>MPL-T487A RVETAAETAV	140	17
>MPL-T487A RVETATETAV	186	>MPL-T487A RVETAAETAV	344	158
>MPL-T487A RVETATETAV	306	>MPL-T487A RVETAAETAV	285	21
>MPL-T487A PTRVETATET,	299	>MPL-T487A PTRVETAAET	474	175
>MPL-T487A DPTRVETAT	3981	>MPL-T487A DPTRVETAA	157	3824
>MPL-W515/WQFPAHYRR	482	>MPL-W515/AQFPAHYRRI	548	66
>MPL-W515/WQFPAHYRR	324	>MPL-W515/AQFPAHYRRI	421	97
>MPL-W515/WQFPAHYR	1492	>MPL-W515/AQFPAHYR	39	1453
>MPL-W515/WQFPAHYRR	3998	>MPL-W515/AQFPAHYRR	80	3918

>MPL-W515/WQFPAHYRR	5730	>MPL-W515/AQFPAHYRRI	205	5525
>MPL-W515/WQFPAHYR	26	>MPL-W515/AQFPAHYR	9	17
>MPL-W515/WQFPAHYRR	24	>MPL-W515/AQFPAHYRR	7	17
>MPL-W515/WQFPAHYRR	53	>MPL-W515/AQFPAHYRRI	9	44
>MPL-W515/WQFPAHYR	57	>MPL-W515/AQFPAHYR	215	158
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>MPL-W515/WQFPAHYRR	272	>MPL-W515/AQFPAHYRRI	996	724
>MPL-W515/WQFPAHYRR	164	>MPL-W515/AQFPAHYRRI	171	7
>MPL-W515/WQFPAHYR	61	>MPL-W515/AQFPAHYR	63	2
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>MPL-W515/WQFPAHYRR	252	>MPL-W515/AQFPAHYRRI	1582	1330
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>MPL-W515/WQFPAHYRR	3373	>MPL-W515/AQFPAHYRR	148	3225
>MPL-W515/WQFPAHYRR	9257	>MPL-W515/AQFPAHYRRI	440	8817
>MPL-W515/WQFPAHYR	15	>MPL-W515/AQFPAHYR	48	33
>MPL-W515/WQFPAHYRR	24	>MPL-W515/AQFPAHYRR	103	79
>MPL-W515/WQFPAHYRR	65	>MPL-W515/AQFPAHYRRI	325	260
>MPL-W515/RWQFPAHYR	5148	>MPL-W515/RAQFPAHYR	70	5078
>MPL-W515/RWQFPAHYR	6511	>MPL-W515/RAQFPAHYRf	381	6130
>MPL-W515/RWQFPAHYR	61	>MPL-W515/RAQFPAHYRf	7201	7140
>MPL-W515/RWQFPAHY	135	>MPL-W515/RAQFPAHY	717	582
>MPL-W515/RWQFPAHY	55	>MPL-W515/RAQFPAHY	71	16
>MPL-W515/RWQFPAHYR	18	>MPL-W515/RAQFPAHYR	12	6
>MPL-W515/RWQFPAHYR	8	>MPL-W515/RAQFPAHYRf	7	1
>MPL-W515/RWQFPAHYR	5798	>MPL-W515/RAQFPAHYR	132	5666
>MPL-W515/RWQFPAHYR	6144	>MPL-W515/RAQFPAHYRf	231	5913
>MPL-W515/RWQFPAHY	380	>MPL-W515/RAQFPAHY	345	35
>MPL-W515/RWQFPAHY	3170	>MPL-W515/RAQFPAHY	147	3023
>MPL-W515/RWQFPAHY	3126	>MPL-W515/RAQFPAHY	462	2664
>MPL-W515/RWQFPAHY	13067	>MPL-W515/RAQFPAHY	8	13059
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>MPL-W515/RWQFPAHY	23246	>MPL-W515/RAQFPAHY	492	22754
>MPL-W515/RWQFPAHY	15580	>MPL-W515/RAQFPAHY	117	15463
>MPL-W515/RWQFPAHYR	386	>MPL-W515/RAQFPAHYRf	667	281
>MPL-W515/RWQFPAHYR	8	>MPL-W515/RAQFPAHYR	41	33
>MPL-W515/RWQFPAHYR	10	>MPL-W515/RAQFPAHYRf	109	99
>MPL-W515/RWQFPAHY	353	>MPL-W515/RAQFPAHY	34315	33962
>MPL-W515/RWQFPAHYR	162	>MPL-W515/RAQFPAHYR	24343	24181
>MPL-W515/RWQFPAHYR	198	>MPL-W515/RAQFPAHYRf	25685	25487

>MPL-W515/SAVLGLLLLRV	8	>MPL-W515/SAVLGLLLLR/	6548	6540
>MPL-W515/SAVLGLLLLRV	201	>MPL-W515/SAVLGLLLLR/	28744	28543
>MPL-W515/SAVLGLLLLRV	224	>MPL-W515/SAVLGLLLLR/	24295	24071
>MPL-W515/SAVLGLLLLRV	21	>MPL-W515/SAVLGLLLLR/	21004	20983
>MPL-W515/LRWQFPAHY	67	>MPL-W515/LRAQFPAHY	423	356
>MPL-W515/LRWQFPAHY	194	>MPL-W515/LRAQFPAHY	244	50
>MPL-W515/LRWQFPAHY	168	>MPL-W515/LRAQFPAHYF	382	214
>MPL-W515/LRWQFPAH	296	>MPL-W515/LRAQFPAH	928	632
>MPL-W515/LRWQFPAHY	22	>MPL-W515/LRAQFPAHY	67	45
>MPL-W515/LRWQFPAH	84	>MPL-W515/LRAQFPAH	534	450
>MPL-W515/LRWQFPAHY	34	>MPL-W515/LRAQFPAHY	127	93
>MPL-W515/LRWQFPAHY	36	>MPL-W515/LRAQFPAHYF	166	130
>MPL-W515/LRWQFPAHY	34	>MPL-W515/LRAQFPAHYF	141	107
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>MPL-W515/LRWQFPAHY	17	>MPL-W515/LRAQFPAHYF	50	33
>MPL-W515/LRWQFPAHY	28	>MPL-W515/LRAQFPAHYF	111	83
>MPL-W515/LLRWQFPAH'	612	>MPL-W515/LLRAQFPAHY	288	324
>MPL-W515/LLRWQFPA	499	>MPL-W515/LLRAQFPA	789	290
>MPL-W515/LLRWQFPA	452	>MPL-W515/LLRAQFPA	153	299
>MPL-W515/LLRWQFPA	37	>MPL-W515/LLRAQFPA	29	8
>MPL-W515/LLRWQFPA	311	>MPL-W515/LLRAQFPA	239	72
>MPL-W515/LLRWQFPA	46	>MPL-W515/LLRAQFPA	312	266
>MPL-W515/LLRWQFPA	208	>MPL-W515/LLRAQFPA	777	569
>MPL-W515/LLRWQFPA	5	>MPL-W515/LLRAQFPA	10	5
>MPL-W515/LLRWQFPAH'	189	>MPL-W515/LLRAQFPAHY	178	11
>MPL-W515/LLRWQFPAH'	362	>MPL-W515/LLRAQFPAHY	470	108
>MPL-W515/LLRWQFPA	79	>MPL-W515/LLRAQFPA	20	59
>MPL-W515/LLRWQFPAH'	364	>MPL-W515/LLRAQFPAHY	89	275
>MPL-W515/LLRWQFPAH'	342	>MPL-W515/LLRAQFPAHY	93	249
>MPL-W515/LLRWQFPAH'	423	>MPL-W515/LLRAQFPAHY	492	69
>MPL-W515/LLRWQFPAH'	11	>MPL-W515/LLRAQFPAHY	12	1
>MPL-W515/LLRWQFPAH'	70	>MPL-W515/LLRAQFPAHY	138	68
>MPL-W515/LLRWQFPAH'	294	>MPL-W515/LLRAQFPAHY	568	274
>MPL-W515/LLRWQFPAH'	698	>MPL-W515/LLRAQFPAHY	123	575
>MPL-W515/LLRWQFPA	1115	>MPL-W515/LLRAQFPA	300	815
>MPL-W515/LLRWQFPAH	800	>MPL-W515/LLRAQFPAH	155	645
>MPL-W515/LLRWQFPAH'	43	>MPL-W515/LLRAQFPAHY	32	11
>MPL-W515/LLRWQFPAH'	582	>MPL-W515/LLRAQFPAHY	130	452
>MPL-W515/LLRWQFPAH'	104	>MPL-W515/LLRAQFPAHY	29	75
>MPL-W515/LLRWQFPAH'	276	>MPL-W515/LLRAQFPAHY	270	6
>MPL-W515/LLRWQFPAH'	85	>MPL-W515/LLRAQFPAHY	132	47

>MPL-W515/LLRWQFPAH'	66	>MPL-W515/LLRAQFPAHY	87	21
>MPL-W515/LLLRWQFPA	9	>MPL-W515/LLLRAQFPA	17	8
>MPL-W515/LLLRWQFPA	94	>MPL-W515/LLLRAQFPA	53	41
>MPL-W515/LLLRWQFPA	134	>MPL-W515/LLLRAQFPA	187	53
>MPL-W515/LLLRWQFPA	13	>MPL-W515/LLLRAQFPA	14	1
>MPL-W515/LLLRWQFP	454	>MPL-W515/LLLRAQFP	3022	2568
>MPL-W515/LLLRWQFPA	3	>MPL-W515/LLLRAQFPA	9	6
>MPL-W515/LLLRWQFPA†	157	>MPL-W515/LLLRAQFPAH	1120	963
>MPL-W515/LLLRWQFPA	5	>MPL-W515/LLLRAQFPA	11	6
>MPL-W515/LLLRWQFPA	7	>MPL-W515/LLLRAQFPA	10	3
>MPL-W515/LLLRWQFPA	6	>MPL-W515/LLLRAQFPA	13	7
>MPL-W515/LLLRWQFPA	3	>MPL-W515/LLLRAQFPA	5	2
>MPL-W515/LLLRWQFPA†	147	>MPL-W515/LLLRAQFPAH	680	533
>MPL-W515/LLLRWQFPA†	323	>MPL-W515/LLLRAQFPAH	445	122
>MPL-W515/LLLRWQFPA†	13	>MPL-W515/LLLRAQFPAH	30	17
>MPL-W515/LLLRWQFPA†	57	>MPL-W515/LLLRAQFPAH	128	71
>MPL-W515/LLLRWQFPA	95	>MPL-W515/LLLRAQFPA	878	783
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>MPL-W515/LLLRWQFPA†	84	>MPL-W515/LLLRAQFPAH	78	6
>MPL-W515/LLLRWQFPA†	629	>MPL-W515/LLLRAQFPAH	365	264
>MPL-W515/LLLRWQFPA†	74	>MPL-W515/LLLRAQFPAH	59	15
>MPL-W515/LLLRWQFPA†	462	>MPL-W515/LLLRAQFPAH	560	98
>MPL-W515/LLLLRWQFPA	138	>MPL-W515/LLLLRAQFPA	134	4
>MPL-W515/LLLLRWQFPA	153	>MPL-W515/LLLLRAQFPA	113	40
>MPL-W515/LLLLRWQFPA	175	>MPL-W515/LLLLRAQFPA	192	17
>MPL-W515/LLLLRWQFPA	17	>MPL-W515/LLLLRAQFPA	37	20
>MPL-W515/LLLLRWQFPA	58	>MPL-W515/LLLLRAQFPA	42	16
>MPL-W515/LLLLRWQFPA	21	>MPL-W515/LLLLRAQFPA	30	9
>MPL-W515/LLLLRWQFPA	96	>MPL-W515/LLLLRAQFPA	94	2
>MPL-W515/LLLLRWQFPA	14	>MPL-W515/LLLLRAQFPA	14	0
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>MPL-W515/LLLLRWQF	208	>MPL-W515/LLLLRAQF	301	93
>MPL-W515/LLLLRWQF	1392	>MPL-W515/LLLLRAQF	464	928
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>MPL-W515/LLLLRWQF	679	>MPL-W515/LLLLRAQF	152	527
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>MPL-W515/GLLLRWQFF	261	>MPL-W515/GLLLRAQFP,	306	45
>MPL-W515/GLLLRWQFF	148	>MPL-W515/GLLLRAQFP,	284	136
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>MPL-W515/GLLLRWQFF	29	>MPL-W515/GLLLRAQFP,	81	52
>MPL-W515/GLLLRWQFF	13	>MPL-W515/GLLLRAQFP,	38	25
>MPL-W515/GLLLRWQFF	386	>MPL-W515/GLLLRAQFP,	853	467
>MPL-W515/GLLLRWQFF	18	>MPL-W515/GLLLRAQFP,	48	30



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>MPL-W515/LGLLLLRW	155	>MPL-W515/LGLLLLRA	22838	22683
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>MPL-W515/LGLLLLRW	374	>MPL-W515/LGLLLLRA	24956	24582
>MPL-W515/LGLLLLRW	79	>MPL-W515/LGLLLLRA	21353	21274
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>MPL-W515/WQFPAHYRR	482	>MPL-W515/KQFPAHYRRL	503	21
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>MPL-W515/WQFPAHYRR	24	>MPL-W515/KQFPAHYRR	6	18
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>MPL-W515/WQFPAHYR	57	>MPL-W515/KQFPAHYR	508	451
>MPL-W515/WQFPAHYRR	103	>MPL-W515/KQFPAHYRR	1160	1057
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>MPL-W515F WQFPAHYRR	24	>MPL-W515F KQFPAHYRR	10	14
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>MPL-W515F RWQFPAHYR	61	>MPL-W515F RKQFPAHYRF	15168	15107
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>MPL-W515F RWQFPAHYR	18	>MPL-W515F RKQFPAHYR	251	233
>MPL-W515F RWQFPAHYR	8	>MPL-W515F RKQFPAHYRF	38	30
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>MPL-W515F RWQFPAHYR	8	>MPL-W515F RKQFPAHYR	44	36
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>MPL-W515F LRWQFPAHY	168	>MPL-W515F LRKQFPAHYR	133	35
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>MPL-W515F LRWQFPAHY	34	>MPL-W515F LRKQFPAHY	284	250
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>MPL-W515F LRWQFPAHY	34	>MPL-W515F LRKQFPAHYR	302	268
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>MPL-W515F LRWQFPAHY	28	>MPL-W515F LRKQFPAHYR	156	128
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>MPL-W515HLLRWQFPAH'	189	>MPL-W515HLLRKQFPAHY	234	45
>MPL-W515HLLRWQFPAH'	362	>MPL-W515HLLRKQFPAHY	512	150
>MPL-W515HLLRWQFPA	79	>MPL-W515HLLRKQFPA	30	49
>MPL-W515HLLRWQFPAH'	364	>MPL-W515HLLRKQFPAHY	120	244
>MPL-W515HLLRWQFPAH'	342	>MPL-W515HLLRKQFPAHY	123	219
>MPL-W515HLLRWQFPAH'	423	>MPL-W515HLLRKQFPAHY	466	43
>MPL-W515HLLRWQFPAH'	11	>MPL-W515HLLRKQFPAHY	13	2
>MPL-W515HLLRWQFPAH'	70	>MPL-W515HLLRKQFPAHY	158	88
>MPL-W515HLLRWQFPAH'	294	>MPL-W515HLLRKQFPAHY	693	399
>MPL-W515HLLRWQFPAH'	698	>MPL-W515HLLRKQFPAHY	129	569
>MPL-W515HLLRWQFPA	974	>MPL-W515HLLRKQFPA	189	785
>MPL-W515HLLRWQFPAH	800	>MPL-W515HLLRKQFPAH	262	538
>MPL-W515HLLRWQFPAH'	43	>MPL-W515HLLRKQFPAHY	31	12
>MPL-W515HLLRWQFPAH'	582	>MPL-W515HLLRKQFPAHY	263	319
>MPL-W515HLLRWQFPAH'	104	>MPL-W515HLLRKQFPAHY	26	78
>MPL-W515HLLRWQFPAH'	276	>MPL-W515HLLRKQFPAHY	559	283
>MPL-W515HLLRWQFPAH'	85	>MPL-W515HLLRKQFPAHY	245	160
>MPL-W515HLLRWQFPAH'	66	>MPL-W515HLLRKQFPAHY	93	27
>MPL-W515HLLRWQFPA	9	>MPL-W515HLLRKQFPA	26	17
>MPL-W515HLLRWQFPA	94	>MPL-W515HLLRKQFPA	114	20
>MPL-W515HLLRWQFPA	134	>MPL-W515HLLRKQFPA	237	103
>MPL-W515HLLRWQFPA	13	>MPL-W515HLLRKQFPA	32	19
>MPL-W515HLLRWQFP	454	>MPL-W515HLLRKQFP	4012	3558
>MPL-W515HLLRWQFPA	3	>MPL-W515HLLRKQFPA	9	6
>MPL-W515HLLRWQFPAH'	157	>MPL-W515HLLRKQFPAH'	1261	1104
>MPL-W515HLLRWQFPA	5	>MPL-W515HLLRKQFPA	14	9
>MPL-W515HLLRWQFPA	7	>MPL-W515HLLRKQFPA	17	10
>MPL-W515HLLRWQFPA	6	>MPL-W515HLLRKQFPA	41	35
>MPL-W515HLLRWQFPA	3	>MPL-W515HLLRKQFPA	6	3
>MPL-W515HLLRWQFPAH'	147	>MPL-W515HLLRKQFPAH'	901	754
>MPL-W515HLLRWQFPAH'	323	>MPL-W515HLLRKQFPAH'	486	163
>MPL-W515HLLRWQFPAH'	13	>MPL-W515HLLRKQFPAH'	36	23
>MPL-W515HLLRWQFPAH'	57	>MPL-W515HLLRKQFPAH'	176	119
>MPL-W515HLLRWQFPA	95	>MPL-W515HLLRKQFPA	5267	5172
>MPL-W515HLLRWQFPAH'	27	>MPL-W515HLLRKQFPAH'	44	17
>MPL-W515HLLRWQFPA	3717	>MPL-W515HLLRKQFPA	177	3540
>MPL-W515HLLRWQFPAH'	84	>MPL-W515HLLRKQFPAH'	127	43
>MPL-W515HLLRWQFPAH'	74	>MPL-W515HLLRKQFPAH'	159	85
>MPL-W515HLLRWQFPAH'	462	>MPL-W515HLLRKQFPAH'	1579	1117
>MPL-W515HLLLRWQFPA	138	>MPL-W515HLLLRKQFPA	360	222
>MPL-W515HLLLRWQFPA	153	>MPL-W515HLLLRKQFPA	291	138
>MPL-W515HLLLRWQFPA	175	>MPL-W515HLLLRKQFPA	407	232

>MPL-W515I LLLLRWQFPA	17	>MPL-W515I LLLLRKQFPA	54	37
>MPL-W515I LLLLRWQFPA	58	>MPL-W515I LLLLRKQFPA	94	36
>MPL-W515I LLLLRWQFPA	21	>MPL-W515I LLLLRKQFPA	55	34
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>MPL-W515I LLLLRWQFPA	14	>MPL-W515I LLLLRKQFPA	17	3
>MPL-W515I LLLLRWQF	281	>MPL-W515I LLLLRKQF	2474	2193
>MPL-W515I LLLLRWQF	208	>MPL-W515I LLLLRKQF	214	6
>MPL-W515I LLLLRWQF	202	>MPL-W515I LLLLRKQF	204	2
>MPL-W515I GLLLRWQFF	47	>MPL-W515I GLLLRKQFP/	286	239
>MPL-W515I GLLLRWQFF	261	>MPL-W515I GLLLRKQFP/	746	485
>MPL-W515I GLLLRWQFF	148	>MPL-W515I GLLLRKQFP/	571	423
>MPL-W515I GLLLRWQFF	33	>MPL-W515I GLLLRKQFP/	214	181
>MPL-W515I GLLLRWQFF	29	>MPL-W515I GLLLRKQFP/	169	140
>MPL-W515I GLLLRWQFF	13	>MPL-W515I GLLLRKQFP/	88	75
>MPL-W515I GLLLRWQFF	386	>MPL-W515I GLLLRKQFP/	1826	1440
>MPL-W515I GLLLRWQFF	18	>MPL-W515I GLLLRKQFP/	110	92
>MPL-W515I GLLLRWQF	248	>MPL-W515I GLLLRKQF	4142	3894
>MPL-W515I LGLLLRW	155	>MPL-W515I LGLLLRK	25450	25295
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>MPL-W515I AVLGLLLRW	23	>MPL-W515I AVLGLLLRK	17678	17655
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>MPL-W515I AVLGLLLRW	5023	>MPL-W515I AVLGLLLRK	280	4743
>MPL-W515I WQFPAHYRR	482	>MPL-W515I LQFPAHYRRL	363	119
>MPL-W515I WQFPAHYRR	324	>MPL-W515I LQFPAHYRRL	385	61
>MPL-W515I WQFPAHYR	1492	>MPL-W515I LQFPAHYR	139	1353
>MPL-W515I WQFPAHYR	26	>MPL-W515I LQFPAHYR	8	18
>MPL-W515I WQFPAHYRR	24	>MPL-W515I LQFPAHYRR	8	16
>MPL-W515I WQFPAHYRR	53	>MPL-W515I LQFPAHYRRL	10	43
>MPL-W515I WQFPAHYRR	1484	>MPL-W515I LQFPAHYRR	469	1015
>MPL-W515I WQFPAHYR	57	>MPL-W515I LQFPAHYR	47	10
>MPL-W515I WQFPAHYRR	103	>MPL-W515I LQFPAHYRR	93	10
>MPL-W515I WQFPAHYRR	272	>MPL-W515I LQFPAHYRRL	228	44
>MPL-W515I WQFPAHYRR	164	>MPL-W515I LQFPAHYRRL	113	51

>MPL-W515I WQFPAHYR	61	>MPL-W515I LQFPAHYR	54	7
>MPL-W515I WQFPAHYRR	133	>MPL-W515I LQFPAHYRR	123	10
>MPL-W515I WQFPAHYRR	23	>MPL-W515I LQFPAHYRRL	18	5
>MPL-W515I WQFPAHYRR	122	>MPL-W515I LQFPAHYRRL	107	15
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>MPL-W515I WQFPAHYRR	84	>MPL-W515I LQFPAHYRRL	1049	965
>MPL-W515I WQFPAHYRR	252	>MPL-W515I LQFPAHYRRL	1000	748
>MPL-W515I WQFPAHYR	15	>MPL-W515I LQFPAHYR	32	17
>MPL-W515I WQFPAHYRR	24	>MPL-W515I LQFPAHYRR	63	39
>MPL-W515I WQFPAHYRR	65	>MPL-W515I LQFPAHYRRL	175	110
>MPL-W515I RWQFPAHYR	19478	>MPL-W515I RLQFPAHYRF	45	19433
>MPL-W515I RWQFPAHYR	22651	>MPL-W515I RLQFPAHYRF	369	22282
>MPL-W515I RWQFPAHYR	30685	>MPL-W515I RLQFPAHYRF	71	30614
>MPL-W515I RWQFPAHY	19314	>MPL-W515I RLQFPAHY	336	18978
>MPL-W515I RWQFPAHYR	17247	>MPL-W515I RLQFPAHYR	149	17098
>MPL-W515I RWQFPAHYR	3979	>MPL-W515I RLQFPAHYRF	148	3831
>MPL-W515I RWQFPAHYR	5148	>MPL-W515I RLQFPAHYR	69	5079
>MPL-W515I RWQFPAHYR	6511	>MPL-W515I RLQFPAHYRF	339	6172
>MPL-W515I RWQFPAHYR	61	>MPL-W515I RLQFPAHYRF	6112	6051
>MPL-W515I RWQFPAHY	135	>MPL-W515I RLQFPAHY	100	35
>MPL-W515I RWQFPAHY	55	>MPL-W515I RLQFPAHY	41	14
>MPL-W515I RWQFPAHYR	18	>MPL-W515I RLQFPAHYR	14	4
>MPL-W515I RWQFPAHYR	8	>MPL-W515I RLQFPAHYRF	5	3
>MPL-W515I RWQFPAHY	380	>MPL-W515I RLQFPAHY	24	356
>MPL-W515I RWQFPAHY	3170	>MPL-W515I RLQFPAHY	60	3110
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>MPL-W515I RWQFPAHY	3126	>MPL-W515I RLQFPAHY	364	2762
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>MPL-W515I RWQFPAHYR	386	>MPL-W515I RLQFPAHYRF	210	176
>MPL-W515I RWQFPAHY	1294	>MPL-W515I RLQFPAHY	305	989
>MPL-W515I RWQFPAHYR	864	>MPL-W515I RLQFPAHYRF	58	806
>MPL-W515I RWQFPAHYR	8	>MPL-W515I RLQFPAHYR	20	12
>MPL-W515I RWQFPAHYR	10	>MPL-W515I RLQFPAHYRF	44	34
>MPL-W515I RWQFPAHY	353	>MPL-W515I RLQFPAHY	28513	28160
>MPL-W515I RWQFPAHYR	162	>MPL-W515I RLQFPAHYR	15876	15714
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>MPL-W515I SAVLGLLLLRLV	8	>MPL-W515I SAVLGLLLLRL	33	25
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>MPL-W515I SAVLGLLLLRLV	224	>MPL-W515I SAVLGLLLLRL	19729	19505
>MPL-W515I SAVLGLLLLRLV	21	>MPL-W515I SAVLGLLLLRL	9283	9262
>MPL-W515I LRWQFPAHY	67	>MPL-W515I LRLQFPAHY	369	302
>MPL-W515I LRWQFPAHY	194	>MPL-W515I LRLQFPAHY	718	524
>MPL-W515I LRWQFPAHY	168	>MPL-W515I LRLQFPAHYR	114	54

>MPL-W515I LRWQFPAH	296	>MPL-W515I LRLQFPAH	615	319
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>MPL-W515I LRWQFPAH	84	>MPL-W515I LRLQFPAH	256	172
>MPL-W515I LRWQFPAHY	34	>MPL-W515I LRLQFPAHY	71	37
>MPL-W515I LRWQFPAHY	36	>MPL-W515I LRLQFPAHYR	72	36
>MPL-W515I LRWQFPAHY	34	>MPL-W515I LRLQFPAHYR	78	44
>MPL-W515I LRWQFPAHY	70	>MPL-W515I LRLQFPAHY	433	363
>MPL-W515I LRWQFPAHY	250	>MPL-W515I LRLQFPAHYR	464	214
>MPL-W515I LRWQFPAHY	352	>MPL-W515I LRLQFPAHYR	2441	2089
>MPL-W515I LRWQFPAHY	17	>MPL-W515I LRLQFPAHYR	32	15
>MPL-W515I LRWQFPAHY	28	>MPL-W515I LRLQFPAHYR	68	40
>MPL-W515I LLRWQFPAH'	612	>MPL-W515I LLRLQFPAHY	393	219
>MPL-W515I LLRWQFPA	499	>MPL-W515I LLRLQFPA	2186	1687
>MPL-W515I LLRWQFPA	452	>MPL-W515I LLRLQFPA	686	234
>MPL-W515I LLRWQFPA	37	>MPL-W515I LLRLQFPA	135	98
>MPL-W515I LLRWQFPA	311	>MPL-W515I LLRLQFPA	1184	873
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>MPL-W515I LLRWQFPA	5	>MPL-W515I LLRLQFPA	30	25
>MPL-W515I LLRWQFPAH'	189	>MPL-W515I LLRLQFPAHY	453	264
>MPL-W515I LLRWQFPAH'	362	>MPL-W515I LLRLQFPAHY	411	49
>MPL-W515I LLRWQFPA	79	>MPL-W515I LLRLQFPA	48	31
>MPL-W515I LLRWQFPAH'	364	>MPL-W515I LLRLQFPAHY	217	147
>MPL-W515I LLRWQFPAH'	342	>MPL-W515I LLRLQFPAHY	210	132
>MPL-W515I LLRWQFPAH'	423	>MPL-W515I LLRLQFPAHY	365	58
>MPL-W515I LLRWQFPAH'	11	>MPL-W515I LLRLQFPAHY	14	3
>MPL-W515I LLRWQFPAH'	70	>MPL-W515I LLRLQFPAHY	86	16
>MPL-W515I LLRWQFPAH'	294	>MPL-W515I LLRLQFPAHY	864	570
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>MPL-W515I LLRWQFPAH'	66	>MPL-W515I LLRLQFPAHY	110	44
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>MPL-W515I LLLRWQFPA	13	>MPL-W515I LLLRLQFPA	23	10
>MPL-W515I LLLRWQFP	454	>MPL-W515I LLLRLQFP	1694	1240
>MPL-W515I LLLRWQFPA	3	>MPL-W515I LLLRLQFPA	7	4
>MPL-W515I LLLRWQFPAH'	157	>MPL-W515I LLLRLQFPAH'	859	702
>MPL-W515I LLLRWQFPA	5	>MPL-W515I LLLRLQFPA	13	8
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>MPL-W515I LLLRWQFPA†	147	>MPL-W515I LLLRLQFPAH'	975	828
>MPL-W515I LLLRWQFPA†	323	>MPL-W515I LLLRLQFPAH'	442	119
>MPL-W515I LLLRWQFPA†	13	>MPL-W515I LLLRLQFPAH'	22	9
>MPL-W515I LLLRWQFPA†	57	>MPL-W515I LLLRLQFPAH'	131	74
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>MPL-W515I LLLRWQFPA†	27	>MPL-W515I LLLRLQFPAH'	22	5
>MPL-W515I LLLRWQFPA†	84	>MPL-W515I LLLRLQFPAH'	94	10
>MPL-W515I LLLRWQFPA†	74	>MPL-W515I LLLRLQFPAH'	96	22
>MPL-W515I LLLRWQFPA†	462	>MPL-W515I LLLRLQFPAH'	411	51
>MPL-W515I LLLLRWQFPA	138	>MPL-W515I LLLLRQFPA	111	27
>MPL-W515I LLLLRWQFPA	153	>MPL-W515I LLLLRQFPA	90	63
>MPL-W515I LLLLRWQFPA	175	>MPL-W515I LLLLRQFPA	122	53
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>MPL-W515I LLLLRWQFPA	21	>MPL-W515I LLLLRQFPA	24	3
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>MPL-W515I LLLLRWQFPA	14	>MPL-W515I LLLLRQFPA	10	4
>MPL-W515I LLLLRWQF	281	>MPL-W515I LLLLRQF	827	546
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>MPL-W515I LLLLRWQF	1392	>MPL-W515I LLLLRQF	461	931
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>MPL-W515I GLLLRWQFF	47	>MPL-W515I GLLLRQFF/	122	75
>MPL-W515I GLLLRWQFF	261	>MPL-W515I GLLLRQFF/	444	183
>MPL-W515I GLLLRWQFF	148	>MPL-W515I GLLLRQFF/	374	226
>MPL-W515I GLLLRWQFF	33	>MPL-W515I GLLLRQFF/	135	102
>MPL-W515I GLLLRWQFF	29	>MPL-W515I GLLLRQFF/	124	95
>MPL-W515I GLLLRWQFF	13	>MPL-W515I GLLLRQFF/	35	22
>MPL-W515I GLLLRWQFF	386	>MPL-W515I GLLLRQFF/	1572	1186
>MPL-W515I GLLLRWQFF	18	>MPL-W515I GLLLRQFF/	59	41
>MPL-W515I GLLLRWQF	248	>MPL-W515I GLLLRQF	2345	2097
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>MPL-W515I LGLLLRWQF	571	>MPL-W515I LGLLLRQF	362	209
>MPL-W515I VLGLLLRW	20133	>MPL-W515I VLGLLLR	424	19709
>MPL-W515I VLGLLLRW	16363	>MPL-W515I VLGLLLR	50	16313
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>MPL-W515I AVLGLLLLRW	24801	>MPL-W515I AVLGLLLLR	54	24747
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>MPL-W515I AVLGLLLLRW	23	>MPL-W515I AVLGLLLLR	339	316
>MPL-W515I AVLGLLLLRW	40	>MPL-W515I AVLGLLLLR	12309	12269
>MPL-W515F WQFPAHYRR	482	>MPL-W515F RQFPAHYRRL	663	181
>MPL-W515F WQFPAHYRR	324	>MPL-W515F RQFPAHYRRL	378	54
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>MPL-W515F WQFPAHYRR	24	>MPL-W515F RQFPAHYRR	5	19
>MPL-W515F WQFPAHYRR	53	>MPL-W515F RQFPAHYRRL	6	47
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>MPL-W515F WQFPAHYRR	103	>MPL-W515F RQFPAHYRR	961	858
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>MPL-W515F WQFPAHYR	61	>MPL-W515F RQFPAHYR	24	37
>MPL-W515F WQFPAHYRR	133	>MPL-W515F RQFPAHYRR	41	92
>MPL-W515F WQFPAHYRR	23	>MPL-W515F RQFPAHYRRL	10	13
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>MPL-W515F WQFPAHYRR	3804	>MPL-W515F RQFPAHYRRL	498	3306
>MPL-W515F WQFPAHYR	1085	>MPL-W515F RQFPAHYR	155	930
>MPL-W515F WQFPAHYRR	876	>MPL-W515F RQFPAHYRR	154	722
>MPL-W515F WQFPAHYRR	1042	>MPL-W515F RQFPAHYRRL	182	860
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>MPL-W515F WQFPAHYRR	252	>MPL-W515F RQFPAHYRRL	122	130
>MPL-W515F WQFPAHYRR	2080	>MPL-W515F RQFPAHYRRL	239	1841
>MPL-W515F WQFPAHYR	15	>MPL-W515F RQFPAHYR	11	4



>MPL-W515FWQFPAHYRR	24	>MPL-W515FRQFPAHYRR	16	8
>MPL-W515FWQFPAHYRR	65	>MPL-W515FRQFPAHYRRL	37	28
>MPL-W515FRWQFPAHYR	61	>MPL-W515FRRQFPAHYRF	14946	14885
>MPL-W515FRWQFPAHY	135	>MPL-W515FRRQFPAHY	3241	3106
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>MPL-W515FRWQFPAHYR	18	>MPL-W515FRRQFPAHYR	574	556
>MPL-W515FRWQFPAHYR	8	>MPL-W515FRRQFPAHYRF	24	16
>MPL-W515FRWQFPAHY	380	>MPL-W515FRRQFPAHY	682	302
>MPL-W515FRWQFPAHY	3126	>MPL-W515FRRQFPAHY	88	3038
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>MPL-W515FRWQFPAHYR	7098	>MPL-W515FRRQFPAHYRF	69	7029
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>MPL-W515FRWQFPAHYR	7723	>MPL-W515FRRQFPAHYR	120	7603
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>MPL-W515FRWQFPAHY	11380	>MPL-W515FRRQFPAHY	224	11156
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>MPL-W515FRWQFPAHYR	2521	>MPL-W515FRRQFPAHYRF	61	2460
>MPL-W515FRWQFPAHYR	386	>MPL-W515FRRQFPAHYRF	5	381
>MPL-W515FRWQFPAHYR	8	>MPL-W515FRRQFPAHYR	34	26
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>MPL-W515FRWQFPAHY	353	>MPL-W515FRRQFPAHY	33580	33227
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>MPL-W515FLRWQFPAHY	194	>MPL-W515FLRRQFPAHY	879	685
>MPL-W515FLRWQFPAHY	168	>MPL-W515FLRRQFPAHYRF	122	46
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>MPL-W515FLRWQFPAHY	22	>MPL-W515FLRRQFPAHY	33	11
>MPL-W515FLRWQFPAH	84	>MPL-W515FLRRQFPAH	1484	1400
>MPL-W515FLRWQFPAHY	34	>MPL-W515FLRRQFPAHY	369	335
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>MPL-W515FLRWQFPAHY	34	>MPL-W515FLRRQFPAHYRF	396	362
>MPL-W515FLRWQFPAHY	70	>MPL-W515FLRRQFPAHY	276	206
>MPL-W515FLRWQFPAHY	250	>MPL-W515FLRRQFPAHYRF	247	3
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>MPL-W515FLLRWQFPA	499	>MPL-W515FLLRQFPA	2837	2338
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>MPL-W515FLLRWQFPA	37	>MPL-W515FLLRQFPA	72	35
>MPL-W515FLLRWQFPA	311	>MPL-W515FLLRQFPA	808	497
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>MPL-W515FLLRWQFPA	208	>MPL-W515FLLRQFPA	1892	1684
>MPL-W515FLLRWQFPA	5	>MPL-W515FLLRQFPA	12	7
>MPL-W515FLLRWQFPAH'	189	>MPL-W515FLLRQFPAHY	219	30
>MPL-W515FLLRWQFPAH'	362	>MPL-W515FLLRQFPAHY	586	224
>MPL-W515FLLRWQFPA	79	>MPL-W515FLLRQFPA	17	62
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>MPL-W515FLLRWQFPAH'	364	>MPL-W515FLLRQFPAHY	63	301
>MPL-W515FLLRWQFPAH'	342	>MPL-W515FLLRQFPAHY	67	275
>MPL-W515FLLRWQFPAH'	423	>MPL-W515FLLRQFPAHY	459	36
>MPL-W515FLLRWQFPAH'	11	>MPL-W515FLLRQFPAHY	11	0
>MPL-W515FLLRWQFPAH'	70	>MPL-W515FLLRQFPAHY	137	67
>MPL-W515FLLRWQFPAH'	294	>MPL-W515FLLRQFPAHY	781	487
>MPL-W515FLLRWQFPAH'	698	>MPL-W515FLLRQFPAHY	225	473
>MPL-W515FLLRWQFPA	974	>MPL-W515FLLRQFPA	145	829
>MPL-W515FLLRWQFPAH	800	>MPL-W515FLLRQFPAH	364	436
>MPL-W515FLLRWQFPAH'	43	>MPL-W515FLLRQFPAHY	36	7
>MPL-W515FLLRWQFPAH'	582	>MPL-W515FLLRQFPAHY	344	238
>MPL-W515FLLRWQFPAH'	104	>MPL-W515FLLRQFPAHY	27	77
>MPL-W515FLLRWQFPAH'	276	>MPL-W515FLLRQFPAHY	1010	734
>MPL-W515FLLRWQFPAH'	85	>MPL-W515FLLRQFPAHY	108	23
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>MPL-W515FLLRWQFPA	94	>MPL-W515FLLRQFPA	128	34
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>MPL-W515FLLRWQFPA	13	>MPL-W515FLLRQFPA	20	7
>MPL-W515FLLRWQFP	454	>MPL-W515FLLRQFP	5597	5143
>MPL-W515FLLRWQFPA	3	>MPL-W515FLLRQFPA	12	9
>MPL-W515FLLRWQFPAH	157	>MPL-W515FLLRQFPAH	1433	1276
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>MPL-W515FLLRWQFPA	7	>MPL-W515FLLRQFPA	18	11
>MPL-W515FLLRWQFPA	6	>MPL-W515FLLRQFPA	133	127
>MPL-W515FLLRWQFPA	3	>MPL-W515FLLRQFPA	5	2
>MPL-W515FLLRWQFPAH	147	>MPL-W515FLLRQFPAH	751	604
>MPL-W515FLLRWQFPAH	323	>MPL-W515FLLRQFPAH	248	75
>MPL-W515FLLRWQFPAH	13	>MPL-W515FLLRQFPAH	36	23
>MPL-W515FLLRWQFPAH	57	>MPL-W515FLLRQFPAH	215	158

>MPL-W515F LLLRWQFPA	95	>MPL-W515F LLLRRQFPA	5127	5032
>MPL-W515F LLLRWQFPAH	27	>MPL-W515F LLLRRQFPAH	39	12
>MPL-W515F LLLRWQFPA	3717	>MPL-W515F LLLRRQFPA	84	3633
>MPL-W515F LLLRWQFPAH	84	>MPL-W515F LLLRRQFPAH	103	19
>MPL-W515F LLLRWQFPAH	629	>MPL-W515F LLLRRQFPAH	438	191
>MPL-W515F LLLRWQFPAH	74	>MPL-W515F LLLRRQFPAH	98	24
>MPL-W515F LLLRWQFPAH	462	>MPL-W515F LLLRRQFPAH	1556	1094
>MPL-W515F LLLLRWQFPA	138	>MPL-W515F LLLLRQFPA	323	185
>MPL-W515F LLLLRWQFPA	153	>MPL-W515F LLLLRQFPA	263	110
>MPL-W515F LLLLRWQFPA	175	>MPL-W515F LLLLRQFPA	326	151
>MPL-W515F LLLLRWQFPA	17	>MPL-W515F LLLLRQFPA	120	103
>MPL-W515F LLLLRWQFPA	58	>MPL-W515F LLLLRQFPA	180	122
>MPL-W515F LLLLRWQFPA	21	>MPL-W515F LLLLRQFPA	92	71
>MPL-W515F LLLLRWQFPA	96	>MPL-W515F LLLLRQFPA	742	646
>MPL-W515F LLLLRWQFPA	14	>MPL-W515F LLLLRQFPA	17	3
>MPL-W515F LLLLRWQF	281	>MPL-W515F LLLLRQF	2402	2121
>MPL-W515F LLLLRWQF	208	>MPL-W515F LLLLRQF	217	9
>MPL-W515F LLLLRWQF	202	>MPL-W515F LLLLRQF	189	13
>MPL-W515F GLLLRWQFF	47	>MPL-W515F GLLLRQFP/	268	221
>MPL-W515F GLLLRWQFF	261	>MPL-W515F GLLLRQFP/	749	488
>MPL-W515F GLLLRWQFF	148	>MPL-W515F GLLLRQFP/	473	325
>MPL-W515F GLLLRWQFF	33	>MPL-W515F GLLLRQFP/	219	186
>MPL-W515F GLLLRWQFF	29	>MPL-W515F GLLLRQFP/	177	148
>MPL-W515F GLLLRWQFF	13	>MPL-W515F GLLLRQFP/	95	82
>MPL-W515F GLLLRWQFF	386	>MPL-W515F GLLLRQFP/	2430	2044
>MPL-W515F GLLLRWQFF	18	>MPL-W515F GLLLRQFP/	131	113
>MPL-W515F GLLLRWQF	248	>MPL-W515F GLLLRQF	5476	5228
>MPL-W515F LGLLLRW	155	>MPL-W515F LGLLLR	24169	24014
>MPL-W515F LGLLLRW	374	>MPL-W515F LGLLLR	25176	24802
>MPL-W515F LGLLLRW	79	>MPL-W515F LGLLLR	22276	22197
>MPL-W515F VLGLLLRW	295	>MPL-W515F VLGLLLR	22461	22166
>MPL-W515F VLGLLLRW	33204	>MPL-W515F VLGLLLR	275	32929
>MPL-W515F AVLGLLLRW	7287	>MPL-W515F AVLGLLLR	227	7060
>MPL-W515F AVLGLLLRW	19198	>MPL-W515F AVLGLLLR	56	19142
>MPL-W515F AVLGLLLRW	11117	>MPL-W515F AVLGLLLR	37	11080
>MPL-W515F AVLGLLLRW	196	>MPL-W515F AVLGLLLR	11150	10954
>MPL-W515F AVLGLLLRW	31221	>MPL-W515F AVLGLLLR	111	31110
>MPL-W515F AVLGLLLRW	23	>MPL-W515F AVLGLLLR	14885	14862
>MPL-W515F AVLGLLLRW	40	>MPL-W515F AVLGLLLR	21952	21912
>MPL-W515F AVLGLLLRW	5023	>MPL-W515F AVLGLLLR	427	4596
>MPL-Y591D YRRQPSC	259	>MPL-Y591D DRRQPSC	2960	2701
>MPL-Y591D YRRQPSC	108	>MPL-Y591D DRRQPSC	3135	3027
>MPL-Y591D YRRQPSC	322	>MPL-Y591D DRRQPSC	7513	7191

>MPL-Y591D YRRQLQPSCL	418	>MPL-Y591D DRRLQPSCL	1544	1126
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>MPL-Y591D PLCSSQAQM	210	>MPL-Y591D PLCSSQAQM	25296	25086
>MPL-Y591D PLCSSQAQM	349	>MPL-Y591D PLCSSQAQM	33992	33643
>MPL-Y591D MDYRRQLQPS	358	>MPL-Y591D MDDRRLQPS	3994	3636
>MPL-Y591D MDYRRQLQPS	164	>MPL-Y591D MDDRRLQPS	2555	2391
>MPL-Y591D MDYRRQLQPS	292	>MPL-Y591D MDDRRLQPS	4981	4689
>MPL-Y591D QMDYRRQLQ	3769	>MPL-Y591D QMDDRRLQF	462	3307
>MPL-Y591D QMDYRRQLQ	5344	>MPL-Y591D QMDDRRLQF	149	5195
>MPL-Y591D AQMDYRRRL	168	>MPL-Y591D AQMDDRRL	17315	17147
>MPL-Y591D AQMDYRRRL	365	>MPL-Y591D AQMDDRRL	1810	1445
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>MPL-Y591D AQMDYRRRL	485	>MPL-Y591D AQMDDRRL	2024	1539
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>MPL-Y591D AQMDYRRRLC	126	>MPL-Y591D AQMDDRRLC	193	67
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>MPL-Y591D AQMDYRRRL	71	>MPL-Y591D AQMDDRRL	308	237
>MPL-Y591D AQMDYRRRL	258	>MPL-Y591D AQMDDRRL	1065	807
>MPL-Y591D QAQMDYRR	224	>MPL-Y591D QAQMDDRR	4714	4490
>MPL-Y591D QAQMDYRR	282	>MPL-Y591D QAQMDDRR	472	190
>MPL-Y591D SQAQMDYR	105	>MPL-Y591D SQAQMDDR	6223	6118
>MPL-Y591D SQAQMDYRF	118	>MPL-Y591D SQAQMDDR	5517	5399
>MPL-Y591D SQAQMDYR	196	>MPL-Y591D SQAQMDDR	1329	1133
>MPL-Y591D SQAQMDYRF	333	>MPL-Y591D SQAQMDDR	721	388
>MPL-Y591D SQAQMDYR	80	>MPL-Y591D SQAQMDDR	1198	1118
>MPL-Y591D SQAQMDYRF	46	>MPL-Y591D SQAQMDDR	1076	1030
>MPL-Y591D SSQAQMDY	212	>MPL-Y591D SSQAQMDD	22774	22562
>MPL-Y591D SSQAQMDY	458	>MPL-Y591D SSQAQMDD	23545	23087
>MPL-Y591D SSQAQMDYR	37	>MPL-Y591D SSQAQMDDF	1048	1011
>MPL-Y591D SSQAQMDYR	167	>MPL-Y591D SSQAQMDDF	2156	1989
>MPL-Y591D SSQAQMDY	101	>MPL-Y591D SSQAQMDD	22381	22280
>MPL-Y591D SSQAQMDYR	23	>MPL-Y591D SSQAQMDDF	1201	1178
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>MPL-Y591D SSQAQMDYR	104	>MPL-Y591D SSQAQMDDF	1130	1026
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>MPL-Y591D SSQAQMDY	142	>MPL-Y591D SSQAQMDD	25619	25477
>MPL-Y591D SSQAQMDY	51	>MPL-Y591D SSQAQMDD	23123	23072
>MPL-Y591D SSQAQMDYR	216	>MPL-Y591D SSQAQMDDF	226	10
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>MPL-Y591D SSQAQMDYR	225	>MPL-Y591D SSQAQMDDF	806	581
>MPL-Y591D CSSQAQMDY	28	>MPL-Y591D CSSQAQMDE	19489	19461
>MPL-Y591D CSSQAQMDY	290	>MPL-Y591D CSSQAQMDE	2130	1840
>MPL-Y591D CSSQAQMDY	348	>MPL-Y591D CSSQAQMDE	25851	25503

>MPL-Y591D CSSQAQMDY	83	>MPL-Y591D CSSQAQMDE	24958	24875
>MPL-Y591D CSSQAQMDY	279	>MPL-Y591D CSSQAQMDE	2685	2406
>MPL-Y591D CSSQAQMDY	38	>MPL-Y591D CSSQAQMDE	740	702
>MPL-Y591D CSSQAQMDY	46	>MPL-Y591D CSSQAQMDE	68	22
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>MPL-Y591D CSSQAQMDY	383	>MPL-Y591D CSSQAQMDE	3761	3378
>MPL-Y591D CSSQAQMDY	356	>MPL-Y591D CSSQAQMDE	2846	2490
>MPL-Y591D LCSSQAQMD	178	>MPL-Y591D LCSSQAQMD	31583	31405
>MPL-Y591D LCSSQAQMD	434	>MPL-Y591D LCSSQAQMD	32644	32210
>MPL-Y591D LCSSQAQMD	207	>MPL-Y591D LCSSQAQMD	27719	27512
>MPL-Y591D LCSSQAQMD	316	>MPL-Y591D LCSSQAQMD	4238	3922
>MSH2-C822 CDQSFQIHV	371	>MSH2-C822 FDQSFQIHV	1027	656
>MSH2-C822 TMLYQVKKG'	16679	>MSH2-C822 TMLYQVKKG'	244	16435
>MSH2-C822 TMLYQVKKG'	19920	>MSH2-C822 TMLYQVKKG'	285	19635
>MSH2-C822 TMLYQVKKG'	13882	>MSH2-C822 TMLYQVKKG'	57	13825
>MSH2-C822 GVCDQSFQI	641	>MSH2-C822 GVFDQSFQI	30	611
>MSH2-C822 GVCDQSFQIH	660	>MSH2-C822 GVFDQSFQIH	36	624
>MSH2-C822 GVCDQSFQI	528	>MSH2-C822 GVFDQSFQI	26	502
>MSH2-C822 GVCDQSFQIH	793	>MSH2-C822 GVFDQSFQIH	36	757
>MSH2-C822 GVCDQSFQI	1325	>MSH2-C822 GVFDQSFQI	101	1224
>MSH2-C822 GVCDQSFQIH	574	>MSH2-C822 GVFDQSFQIH	51	523
>MSH2-C822 GVCDQSFQI	52	>MSH2-C822 GVFDQSFQI	7	45
>MSH2-C822 GVCDQSFQIH	63	>MSH2-C822 GVFDQSFQIH	10	53
>MSH2-C822 GVCDQSFQI	196	>MSH2-C822 GVFDQSFQI	18	178
>MSH2-C822 GVCDQSFQIH	49	>MSH2-C822 GVFDQSFQIH	8	41
>MSH2-C822 GVCDQSFQI	492	>MSH2-C822 GVFDQSFQI	12	480
>MSH2-C822 GVCDQSFQIH	321	>MSH2-C822 GVFDQSFQIH	14	307
>MSH2-C822 GVCDQSFQI	1052	>MSH2-C822 GVFDQSFQI	27	1025
>MSH2-C822 GVCDQSFQIH	79	>MSH2-C822 GVFDQSFQIH	8	71
>MSH2-C822 GVCDQSFQI	3643	>MSH2-C822 GVFDQSFQI	460	3183
>MSH2-C822 GVCDQSFQI	354	>MSH2-C822 GVFDQSFQI	32	322
>MSH2-C822 GVCDQSFQIH	16	>MSH2-C822 GVFDQSFQIH	5	11
>MSH2-C822 GVCDQSFQI	1692	>MSH2-C822 GVFDQSFQI	95	1597
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>MSH2-C822 GVCDQSFQI	3376	>MSH2-C822 GVFDQSFQI	214	3162
>MSH2-C822 GVCDQSFQIH	2286	>MSH2-C822 GVFDQSFQIH	233	2053
>MSH2-C822 GVCDQSFQI	1338	>MSH2-C822 GVFDQSFQI	427	911
>MSH2-C822 KGVCDQSF	183	>MSH2-C822 KGVFDQSF	476	293
>MSH2-C822 KGVCDQSF	413	>MSH2-C822 KGVFDQSF	289	124

>MSH2-C822 KKGVCDDQSF	10	>MSH2-C822 KKGVFDQSF	7	3
>MSH2-C822 VKKGVCDQSI	27	>MSH2-C822 VKKGVFDQSI	17	10
>MSH2-C822 QVKKGVCDQ	97	>MSH2-C822 QVKKGVFDQ	135	38
>MSH2-C822 QVKKGVCDQ	816	>MSH2-C822 QVKKGVFDQ	417	399
>MSH2-C822 QVKKGVCDQ	244	>MSH2-C822 QVKKGVFDQ	241	3
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>MSH2-C822 YQVKKGVCDQ	1421	>MSH2-C822 YQVKKGVFDQ	282	1139
>MSH2-C822 YQVKKGVC	6307	>MSH2-C822 YQVKKGVF	36	6271
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>MSH2-C822 YQVKKGVC	3211	>MSH2-C822 YQVKKGVF	8	3203
>MSH2-C822 LYQVKKGVC	23472	>MSH2-C822 LYQVKKGVF	386	23086
>MSH2-C822 LYQVKKGVC	17108	>MSH2-C822 LYQVKKGVF	464	16644
>MSH2-C822 LYQVKKGVC	3910	>MSH2-C822 LYQVKKGVF	9	3901
>MSH2-C822 MLYQVKKGV	46	>MSH2-C822 MLYQVKKGV	499	453
>MSH2-C822 MLYQVKKGV	160	>MSH2-C822 MLYQVKKGV	5320	5160
>MSH2-C822 MLYQVKKGV	12321	>MSH2-C822 MLYQVKKGV	62	12259
>MSH2-C822 MLYQVKKGV	11937	>MSH2-C822 MLYQVKKGV	68	11869
>MSH2-C822 MLYQVKKGV	12850	>MSH2-C822 MLYQVKKGV	91	12759
>MSH2-C822 MLYQVKKGV	26302	>MSH2-C822 MLYQVKKGV	380	25922
>MSH2-D603 DAVVSFAHV	22672	>MSH2-D603 YAVVSFAHV	70	22602
>MSH2-D603 DAVVSFAHV	2017	>MSH2-D603 YAVVSFAHV	207	1810
>MSH2-D603 DAVVSFAHV	13589	>MSH2-D603 YAVVSFAHV	289	13300
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>MSH2-D603 DAVVSFAHV	1897	>MSH2-D603 YAVVSFAHV	5	1892
>MSH2-D603 DAVVSFAHV	16127	>MSH2-D603 YAVVSFAHV	272	15855
>MSH2-D603 DAVVSFAHV	12239	>MSH2-D603 YAVVSFAHV	306	11933
>MSH2-D603 DAVVSFAHV	14725	>MSH2-D603 YAVVSFAHV	485	14240
>MSH2-D603 DAVVSFAHV	9120	>MSH2-D603 YAVVSFAHV	27	9093
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>MSH2-D603 DAVVSFAHV	11594	>MSH2-D603 YAVVSFAHV	458	11136
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>MSH2-D603 LDAVVSFAHV	29642	>MSH2-D603 LYAVVSFAHV	105	29537
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>MSH2-D603 LDAVVSFAHV	25386	>MSH2-D603 LYAVVSFAHV	76	25310
>MSH2-D603 LDAVVSFAHV	26100	>MSH2-D603 LYAVVSFAHV	380	25720
>MSH2-D603 LDAVVSFA	31044	>MSH2-D603 LYAVVSFA	418	30626
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>MSH2-D603 LDAVVSFAHV	105	>MSH2-D603 LYAVVSFAHV	18679	18574
>MSH2-D603 QTLNDVLAQI	31811	>MSH2-D603 QTLNDVLAQI	131	31680

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>MSH2-D603 QTLNDVLAQI	17941	>MSH2-D603 QTLNDVLAQI	22	17919
>MSH2-D603 QTLNDVLAQI	31088	>MSH2-D603 QTLNDVLAQI	413	30675
>MSH2-D603 QTLNDVLAQI	24331	>MSH2-D603 QTLNDVLAQI	32	24299
>MSH2-D603 QTLNDVLAQI	17137	>MSH2-D603 QTLNDVLAQI	10	17127
>MSH2-D603 QTLNDVLAQI	8823	>MSH2-D603 QTLNDVLAQI	17	8806
>MSH2-D603 QLDAVVSFA	118	>MSH2-D603 QLYAVVSFA	47	71
>MSH2-D603 QLDAVVSFAI	34	>MSH2-D603 QLYAVVSFAI	18	16
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>MSH2-D603 QLDAVVSFA	26	>MSH2-D603 QLYAVVSFA	11	15
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>MSH2-D603 QLDAVVSFAI	30	>MSH2-D603 QLYAVVSFAI	3	27
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>MSH2-D603 QLDAVVSFAI	11	>MSH2-D603 QLYAVVSFAI	8	3
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>MSH2-D603 QLDAVVSFAI	4	>MSH2-D603 QLYAVVSFAI	2	2
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>MSH2-D603 QLDAVVSFA	23	>MSH2-D603 QLYAVVSFA	13	10
>MSH2-D603 QLDAVVSFAI	7	>MSH2-D603 QLYAVVSFAI	6	1
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>MSH2-D603 QLDAVVSFAI	10	>MSH2-D603 QLYAVVSFAI	13	3
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>MSH2-D603 QLDAVVSFAI	4	>MSH2-D603 QLYAVVSFAI	2	2
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>MSH2-D603 QLDAVVSFAI	442	>MSH2-D603 QLYAVVSFAI	38	404
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>MSH2-D603 QLDAVVSFAI	6535	>MSH2-D603 QLYAVVSFAI	416	6119
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>MSH2-D603 QLDAVVSF	6739	>MSH2-D603 QLYAVVSF	291	6448
>MSH2-D603 AQLDAVVSFA	455	>MSH2-D603 AQLYAVVSFA	808	353
>MSH2-D603 AQLDAVVSFA	177	>MSH2-D603 AQLYAVVSFA	370	193
>MSH2-D603 AQLDAVVSFA	179	>MSH2-D603 AQLYAVVSFA	310	131
>MSH2-D603 AQLDAVVS	338	>MSH2-D603 AQLYAVVS	1357	1019
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>MSH2-D603 AQLDAVVSF	2	>MSH2-D603 AQLYAVVSF	2	0
>MSH2-D603 AQLDAVVSFA	322	>MSH2-D603 AQLYAVVSFA	114	208
>MSH2-D603 AQLDAVVSFA	168	>MSH2-D603 AQLYAVVSFA	65	103
>MSH2-D603 LAQLDAVVSF	156	>MSH2-D603 LAQLYAVVSF	102	54
>MSH2-D603 LAQLDAVVSF	84	>MSH2-D603 LAQLYAVVSF	28	56
>MSH2-D603 LAQLDAVVSF	44	>MSH2-D603 LAQLYAVVSF	22	22
>MSH2-D603 LAQLDAVVSF	857	>MSH2-D603 LAQLYAVVSF	403	454
>MSH2-D603 LAQLDAVVSF	126	>MSH2-D603 LAQLYAVVSF	100	26
>MSH2-D603 VLAQLDAV	43	>MSH2-D603 VLAQLYAV	14	29
>MSH2-D603 VLAQLDAVV	85	>MSH2-D603 VLAQLYAVV	40	45
>MSH2-D603 VLAQLDAV	5	>MSH2-D603 VLAQLYAV	3	2
>MSH2-D603 VLAQLDAVV	17	>MSH2-D603 VLAQLYAVV	8	9
>MSH2-D603 VLAQLDAVVS	364	>MSH2-D603 VLAQLYAVVS	294	70
>MSH2-D603 VLAQLDAV	8	>MSH2-D603 VLAQLYAV	4	4
>MSH2-D603 VLAQLDAVV	20	>MSH2-D603 VLAQLYAVV	6	14
>MSH2-D603 VLAQLDAV	27	>MSH2-D603 VLAQLYAV	16	11
>MSH2-D603 VLAQLDAVV	197	>MSH2-D603 VLAQLYAVV	83	114
>MSH2-D603 VLAQLDAV	3	>MSH2-D603 VLAQLYAV	2	1
>MSH2-D603 VLAQLDAVV	6	>MSH2-D603 VLAQLYAVV	3	3
>MSH2-D603 VLAQLDAV	8	>MSH2-D603 VLAQLYAV	5	3
>MSH2-D603 VLAQLDAVV	14	>MSH2-D603 VLAQLYAVV	12	2
>MSH2-D603 VLAQLDAV	7	>MSH2-D603 VLAQLYAV	6	1
>MSH2-D603 VLAQLDAVV	7	>MSH2-D603 VLAQLYAVV	6	1
>MSH2-D603 VLAQLDAV	6	>MSH2-D603 VLAQLYAV	3	3
>MSH2-D603 VLAQLDAVV	8	>MSH2-D603 VLAQLYAVV	4	4
>MSH2-D603 VLAQLDAV	2	>MSH2-D603 VLAQLYAV	2	0
>MSH2-D603 VLAQLDAVV	2	>MSH2-D603 VLAQLYAVV	2	0
>MSH2-D603 VLAQLDAVVS	238	>MSH2-D603 VLAQLYAVVS	213	25
>MSH2-D603 VLAQLDAVVS	35	>MSH2-D603 VLAQLYAVVS	33	2
>MSH2-D603 VLAQLDAVVS	449	>MSH2-D603 VLAQLYAVVS	716	267
>MSH2-D603 VLAQLDAVVS	70	>MSH2-D603 VLAQLYAVVS	25	45
>MSH2-D603 VLAQLDAVVS	464	>MSH2-D603 VLAQLYAVVS	867	403
>MSH2-D603 VLAQLDAVVS	382	>MSH2-D603 VLAQLYAVVS	821	439
>MSH2-D603 DVLAQLDAV	459	>MSH2-D603 DVLAQLYAV	120	339
>MSH2-D603 DVLAQLDAV	1030	>MSH2-D603 DVLAQLYAV	161	869



>MSH2-D603 DVLAQLDAV	2178	>MSH2-D603 DVLAQLYAV	198	1980
>MSH2-D603 DVLAQLDAV	961	>MSH2-D603 DVLAQLYAV	60	901
>MSH2-D603 DVLAQLDAV\	1034	>MSH2-D603 DVLAQLYAV\	243	791
>MSH2-D603 DVLAQLDAV	196	>MSH2-D603 DVLAQLYAV	305	109
>MSH2-D603 DVLAQLDAV	121	>MSH2-D603 DVLAQLYAV	23	98
>MSH2-D603 DVLAQLDA	2348	>MSH2-D603 DVLAQLYA	90	2258
>MSH2-D603 DVLAQLDAV	12	>MSH2-D603 DVLAQLYAV	6	6
>MSH2-D603 DVLAQLDAV\	61	>MSH2-D603 DVLAQLYAV\	10	51
>MSH2-D603 NDVLAQLDA'	168	>MSH2-D603 NDVLAQLYA\	107	61
>MSH2-D603 NDVLAQLDA'	213	>MSH2-D603 NDVLAQLYA\	169	44
>MSH2-D603 LNDVLAQLD	21544	>MSH2-D603 LNDVLAQLY	259	21285
>MSH2-D603 LNDVLAQLD	28440	>MSH2-D603 LNDVLAQLY	473	27967
>MSH2-D603 TLNDVLAQLC	33378	>MSH2-D603 TLNDVLAQLY	227	33151
>MSH2-D603 TLNDVLAQLC	513	>MSH2-D603 TLNDVLAQLY	46	467
>MSH2-D603 TLNDVLAQLC	172	>MSH2-D603 TLNDVLAQLY	11	161
>MSH2-D603 TLNDVLAQLC	33	>MSH2-D603 TLNDVLAQLY	10	23
>MSH2-D603 TLNDVLAQLC	1025	>MSH2-D603 TLNDVLAQLY	159	866
>MSH2-D603 TLNDVLAQLC	210	>MSH2-D603 TLNDVLAQLY	13	197
>MSH2-D603 TLNDVLAQLC	873	>MSH2-D603 TLNDVLAQLY	78	795
>MSH2-D603 TLNDVLAQLC	151	>MSH2-D603 TLNDVLAQLY	36	115
>MSH2-D603 TLNDVLAQLC	793	>MSH2-D603 TLNDVLAQLY	26	767
>MSH2-D603 TLNDVLAQLC	19	>MSH2-D603 TLNDVLAQLY	7	12
>MSH2-D603 TLNDVLAQLC	33183	>MSH2-D603 TLNDVLAQLY	393	32790
>MSH2-D603 TLNDVLAQLC	29570	>MSH2-D603 TLNDVLAQLY	183	29387
>MSH2-D603 TLNDVLAQLC	3254	>MSH2-D603 TLNDVLAQLY	311	2943
>MSH2-D603 TLNDVLAQLC	25112	>MSH2-D603 TLNDVLAQLY	47	25065
>MSH2-D603 TLNDVLAQLC	22819	>MSH2-D603 TLNDVLAQLY	329	22490
>MSH2-E467 EFLVKPSF	393	>MSH2-E467 KFLVKPSF	74	319
>MSH2-E467 EFLVKPSF	1253	>MSH2-E467 KFLVKPSF	357	896
>MSH2-E467 EFLVKPSF	200	>MSH2-E467 KFLVKPSF	26	174
>MSH2-E467 HEFLVKPS	54	>MSH2-E467 HKFLVKPS	18995	18941
>MSH2-E467 HEFLVKPSF	37	>MSH2-E467 HKFLVKPSF	6460	6423
>MSH2-E467 HEFLVKPSF	110	>MSH2-E467 HKFLVKPSF	5	105
>MSH2-E467 HEFLVKPS	220	>MSH2-E467 HKFLVKPS	18509	18289
>MSH2-E467 HEFLVKPSF	6	>MSH2-E467 HKFLVKPSF	990	984
>MSH2-E467 HEFLVKPSF	75	>MSH2-E467 HKFLVKPSF	14475	14400
>MSH2-E467 HEFLVKPS	98	>MSH2-E467 HKFLVKPS	19146	19048
>MSH2-E467 HEFLVKPSF	38	>MSH2-E467 HKFLVKPSF	6187	6149
>MSH2-E467 HEFLVKPSF	288	>MSH2-E467 HKFLVKPSF	13144	12856
>MSH2-E467 HEFLVKPSF	81	>MSH2-E467 HKFLVKPSF	11241	11160
>MSH2-E467 HEFLVKPSF	20	>MSH2-E467 HKFLVKPSF	11510	11490
>MSH2-E467 NHEFLVKPSF	4227	>MSH2-E467 NHHKFLVKPSF	424	3803
>MSH2-E467 ENHEFLVK	313	>MSH2-E467 ENHKFLVK	415	102

>MSH2-E467 VENHEFLV	140	>MSH2-E467 VENHKFLV	99	41
>MSH2-E467 VENHEFLV	494	>MSH2-E467 VENHKFLV	506	12
>MSH2-E467 QVENHEFLV	371	>MSH2-E467 QVENHKFLV	505	134
>MSH2-E467 QVENHEFLV	411	>MSH2-E467 QVENHKFLV	467	56
>MSH2-E467 QVENHEFLV	386	>MSH2-E467 QVENHKFLV	141	245
>MSH2-E467 QVENHEFLV	104	>MSH2-E467 QVENHKFLV	103	1
>MSH2-E467 QVENHEFLV	1455	>MSH2-E467 QVENHKFLV	428	1027
>MSH2-E467 QVENHEFLV	456	>MSH2-E467 QVENHKFLV	367	89
>MSH2-E467 DQVENHEF	456	>MSH2-E467 DQVENHKF	770	314
>MSH2-E467 DQVENHEFL	468	>MSH2-E467 DQVENHKFL	1180	712
>MSH2-E467 DQVENHEF	114	>MSH2-E467 DQVENHKF	192	78
>MSH2-E467 DQVENHEF	31	>MSH2-E467 DQVENHKF	43	12
>MSH2-E467 MDQVENHEF	43	>MSH2-E467 MDQVENHKF	50	7
>MSH2-E467 DMDQVENHI	70	>MSH2-E467 DMDQVENHI	178	108
>MSH2-E467 DMDQVENHI	86	>MSH2-E467 DMDQVENHI	250	164
>MSH2-E467 DMDQVENHI	311	>MSH2-E467 DMDQVENHI	1447	1136
>MSH2-G322 GSQSLAALLN	15	>MSH2-G322 DSQSLAALLN	506	491
>MSH2-G322 GSQSLAALLN	481	>MSH2-G322 DSQSLAALLN	5694	5213
>MSH2-G322 GSQSLAALLN	3789	>MSH2-G322 DSQSLAALLN	251	3538
>MSH2-G322 GSQSLAAL	107	>MSH2-G322 DSQSLAAL	2045	1938
>MSH2-G322 GSQSLAALL	119	>MSH2-G322 DSQSLAALL	1844	1725
>MSH2-G322 GSQSLAALL	79	>MSH2-G322 DSQSLAALL	1161	1082
>MSH2-G322 GSQSLAALL	10	>MSH2-G322 DSQSLAALL	446	436
>MSH2-G322 GSQSLAALLN	272	>MSH2-G322 DSQSLAALLN	1687	1415
>MSH2-G322 TGSQSLAALL	17464	>MSH2-G322 TDSQSLAALL	213	17251
>MSH2-G322 TTGSQSLA	11973	>MSH2-G322 TTDSQSLA	260	11713
>MSH2-G322 TTGSQSLAA	9209	>MSH2-G322 TTDSQSLAA	82	9127
>MSH2-G322 TTGSQSLAAL	12940	>MSH2-G322 TTDSQSLAAL	246	12694
>MSH2-G322 TTGSQSLAAL	305	>MSH2-G322 TTDSQSLAAL	493	188
>MSH2-G322 TTGSQSLAAL	277	>MSH2-G322 TTDSQSLAAL	4951	4674
>MSH2-G322 TTGSQSLAAL	670	>MSH2-G322 TTDSQSLAAL	446	224
>MSH2-G322 TTGSQSLAAL	343	>MSH2-G322 TTDSQSLAAL	750	407
>MSH2-G322 TTGSQSLAA	1464	>MSH2-G322 TTDSQSLAA	355	1109
>MSH2-G322 TTGSQSLAAL	334	>MSH2-G322 TTDSQSLAAL	68	266
>MSH2-G322 TTGSQSLAAL	407	>MSH2-G322 TTDSQSLAAL	81	326
>MSH2-G322 TTGSQSLAAL	110	>MSH2-G322 TTDSQSLAAL	44	66
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>MSH2-G322 TTGSQSLAAL	4818	>MSH2-G322 TTDSQSLAAL	261	4557
>MSH2-G322 TTGSQSLAAL	286	>MSH2-G322 TTDSQSLAAL	240	46
>MSH2-G322 TTGSQSLAAL	45	>MSH2-G322 TTDSQSLAAL	47	2
>MSH2-G322 TTGSQSLAAL	199	>MSH2-G322 TTDSQSLAAL	169	30
>MSH2-G322 DTTGSQSLAA	596	>MSH2-G322 DTTDSQSLAA	439	157
>MSH2-G322 DTTGSQSLAA	310	>MSH2-G322 DTTDSQSLAA	108	202

>MSH2-G322 DTTGSQSL	282	>MSH2-G322 DTTDSQSL	537	255
>MSH2-G322 DTTGSQSLAA	21	>MSH2-G322 DTTDSQSLAA	34	13
>MSH2-G322 DTTGSQSLAA	223	>MSH2-G322 DTTDSQSLAA	670	447
>MSH2-G322 DTTGSQSL	172	>MSH2-G322 DTTDSQSL	132	40
>MSH2-G322 DTTGSQSLA	86	>MSH2-G322 DTTDSQSLA	61	25
>MSH2-G322 DTTGSQSLAA	59	>MSH2-G322 DTTDSQSLAA	44	15
>MSH2-G322 DTTGSQSL	1310	>MSH2-G322 DTTDSQSL	489	821
>MSH2-G322 DTTGSQSLAA	682	>MSH2-G322 DTTDSQSLAA	204	478
>MSH2-G322 DTTGSQSL	457	>MSH2-G322 DTTDSQSL	532	75
>MSH2-G322 DTTGSQSLAA	252	>MSH2-G322 DTTDSQSLAA	192	60
>MSH2-G322 VEDTTGSQSL	47	>MSH2-G322 VEDTTDSQSL	87	40
>MSH2-G322 SVEDTTGSQS	117	>MSH2-G322 SVEDTTDSQS	139	22
>MSH2-G587 GYVEPMQTL	637	>MSH2-G587 RYVEPMQTL	350	287
>MSH2-G587 GYVEPMQTL	1126	>MSH2-G587 RYVEPMQTL	369	757
>MSH2-G587 GYVEPMQTL	2169	>MSH2-G587 RYVEPMQTL	216	1953
>MSH2-G587 GYVEPMQT	3464	>MSH2-G587 RYVEPMQT	493	2971
>MSH2-G587 GYVEPMQTL	21	>MSH2-G587 RYVEPMQTL	6	15
>MSH2-G587 GYVEPMQTL	1070	>MSH2-G587 RYVEPMQTL	264	806
>MSH2-G587 GYVEPMQTL	1392	>MSH2-G587 RYVEPMQTL	372	1020
>MSH2-G587 GYVEPMQTL	3033	>MSH2-G587 RYVEPMQTL	361	2672
>MSH2-G587 SGYVEPMQT	3184	>MSH2-G587 SRYVEPMQTI	63	3121
>MSH2-G587 SGYVEPMQT	24209	>MSH2-G587 SRYVEPMQTI	58	24151
>MSH2-G587 SGYVEPMQT	7680	>MSH2-G587 SRYVEPMQTI	59	7621
>MSH2-G587 SGYVEPMQT	24375	>MSH2-G587 SRYVEPMQTI	132	24243
>MSH2-G587 SGYVEPMQT	24927	>MSH2-G587 SRYVEPMQTI	110	24817
>MSH2-G587 IVKEIVNISSG	19491	>MSH2-G587 IVKEIVNISSR	27	19464
>MSH2-G587 IVKEIVNISSG	25510	>MSH2-G587 IVKEIVNISSR	86	25424
>MSH2-G587 IVKEIVNISSG	26000	>MSH2-G587 IVKEIVNISSR	27	25973
>MSH2-G587 SSGYVEPM	12993	>MSH2-G587 SSRYVEPM	93	12900
>MSH2-G587 SSGYVEPMQ	13974	>MSH2-G587 SSRYVEPMQ	346	13628
>MSH2-G587 SSGYVEPMQ	14851	>MSH2-G587 SSRYVEPMQ	338	14513
>MSH2-G587 SSGYVEPMQ	11340	>MSH2-G587 SSRYVEPMQ	49	11291
>MSH2-G587 SSGYVEPM	619	>MSH2-G587 SSRYVEPM	230	389
>MSH2-G587 SSGYVEPM	3252	>MSH2-G587 SSRYVEPM	238	3014
>MSH2-G587 SSGYVEPM	1144	>MSH2-G587 SSRYVEPM	31	1113
>MSH2-G587 SSGYVEPMQ	321	>MSH2-G587 SSRYVEPMQ	17	304
>MSH2-G587 SSGYVEPMQ	6172	>MSH2-G587 SSRYVEPMQ	410	5762
>MSH2-G587 SSGYVEPMQ	275	>MSH2-G587 SSRYVEPMQ	19	256
>MSH2-G587 SSGYVEPMQ	354	>MSH2-G587 SSRYVEPMQ	460	106
>MSH2-G587 ISSGYVEPM	336	>MSH2-G587 ISSRYVEPM	181	155
>MSH2-G587 ISSGYVEPM	407	>MSH2-G587 ISSRYVEPM	919	512
>MSH2-G587 ISSGYVEPM	134	>MSH2-G587 ISSRYVEPM	137	3
>MSH2-G587 ISSGYVEPM	280	>MSH2-G587 ISSRYVEPM	50	230

>MSH2-G587ISSGYVEPM	7	>MSH2-G587ISSRYVEPM	21	14
>MSH2-G587ISSGYVEPM	436	>MSH2-G587ISSRYVEPM	1265	829
>MSH2-G587ISSGYVEPM	98	>MSH2-G587ISSRYVEPM	61	37
>MSH2-G587ISSGYVEPM	274	>MSH2-G587ISSRYVEPM	1123	849
>MSH2-G587ISSGYVEPM	171	>MSH2-G587ISSRYVEPM	188	17
>MSH2-G587NISSGYVEPM	89	>MSH2-G587NISSRYVEPM	321	232
>MSH2-G587NISSGYVEPM	348	>MSH2-G587NISSRYVEPM	1175	827
>MSH2-G587NISSGYVEPM	496	>MSH2-G587NISSRYVEPM	846	350
>MSH2-G587VNISSGYVEPI	257	>MSH2-G587VNISSRYVEPI	152	105
>MSH2-G587VNISSGYVEPI	360	>MSH2-G587VNISSRYVEPI	697	337
>MSH2-G587VNISSGYVEPI	177	>MSH2-G587VNISSRYVEPI	185	8
>MSH2-G587IVNISSGYV	238	>MSH2-G587IVNISSRYV	498	260
>MSH2-G587IVNISSGYV	28	>MSH2-G587IVNISSRYV	81	53
>MSH2-G587IVNISSGYV	292	>MSH2-G587IVNISSRYV	685	393
>MSH2-G587IVNISSGYV	68	>MSH2-G587IVNISSRYV	69	1
>MSH2-G587IVNISSGYV	471	>MSH2-G587IVNISSRYV	1004	533
>MSH2-G587IVNISSGYV	109	>MSH2-G587IVNISSRYV	175	66
>MSH2-G587IVNISSGY	444	>MSH2-G587IVNISSRY	373	71
>MSH2-G587IVNISSGY	148	>MSH2-G587IVNISSRY	135	13
>MSH2-G587IVNISSGY	20	>MSH2-G587IVNISSRY	29	9
>MSH2-G587IVNISSGYV	79	>MSH2-G587IVNISSRYV	480	401
>MSH2-G587IVNISSGY	193	>MSH2-G587IVNISSRY	201	8
>MSH2-G587IVNISSGY	130	>MSH2-G587IVNISSRY	177	47
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>MSH2-G587IVNISSGY	21	>MSH2-G587IVNISSRY	19	2
>MSH2-G587IVNISSGY	289	>MSH2-G587IVNISSRY	530	241
>MSH2-G587EIVNISSGYV	76	>MSH2-G587EIVNISSRYV	147	71
>MSH2-G587EIVNISSGYV	494	>MSH2-G587EIVNISSRYV	659	165
>MSH2-G587EIVNISSGYV	130	>MSH2-G587EIVNISSRYV	149	19
>MSH2-G587EIVNISSGYV	335	>MSH2-G587EIVNISSRYV	418	83
>MSH2-G587EIVNISSGYV	235	>MSH2-G587EIVNISSRYV	313	78
>MSH2-G587EIVNISSGY	145	>MSH2-G587EIVNISSRY	296	151
>MSH2-G587EIVNISSGY	4	>MSH2-G587EIVNISSRY	5	1
>MSH2-G587EIVNISSGY	10	>MSH2-G587EIVNISSRY	10	0
>MSH2-G587EIVNISSGY	26	>MSH2-G587EIVNISSRY	380	354
>MSH2-G587EIVNISSGY	677	>MSH2-G587EIVNISSRY	443	234
>MSH2-G587EIVNISSGY	241	>MSH2-G587EIVNISSRY	266	25
>MSH2-G587EIVNISSG	31275	>MSH2-G587EIVNISSR	74	31201
>MSH2-G587EIVNISSG	11323	>MSH2-G587EIVNISSR	3	11320
>MSH2-G587EIVNISSGY	47	>MSH2-G587EIVNISSRY	52	5
>MSH2-G587EIVNISSGYV	14	>MSH2-G587EIVNISSRYV	36	22
>MSH2-G587EIVNISSGYV	6	>MSH2-G587EIVNISSRYV	12	6
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>MSH2-G587EIVNISSGY	416	>MSH2-G587EIVNISSRY	1174	758
>MSH2-G587EIVNISSGY	240	>MSH2-G587EIVNISSRY	401	161
>MSH2-G587EIVNISSGY	201	>MSH2-G587EIVNISSRY	33	168
>MSH2-G587EIVNISSGY	4797	>MSH2-G587EIVNISSRY	361	4436
>MSH2-G587EIVNISSG	36385	>MSH2-G587EIVNISSR	491	35894
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>MSH2-G587KEIVNISSGY	355	>MSH2-G587KEIVNISSRY	186	169
>MSH2-G587KEIVNISSGY	262	>MSH2-G587KEIVNISSRY	368	106
>MSH2-G587KEIVNISSGY	149	>MSH2-G587KEIVNISSRY	233	84
>MSH2-G587KEIVNISSGYV	165	>MSH2-G587KEIVNISSRYV	297	132
>MSH2-G587KEIVNISSGYV	223	>MSH2-G587KEIVNISSRYV	142	81
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>MSH2-G587KEIVNISSGY	80	>MSH2-G587KEIVNISSRY	97	17
>MSH2-G587KEIVNISSGYV	374	>MSH2-G587KEIVNISSRYV	271	103
>MSH2-G587KEIVNISSG	767	>MSH2-G587KEIVNISSR	454	313
>MSH2-G587KEIVNISSGY	241	>MSH2-G587KEIVNISSRY	811	570
>MSH2-G587KEIVNISSGYV	9	>MSH2-G587KEIVNISSRYV	14	5
>MSH2-G587VKEIVNISSGY	965	>MSH2-G587VKEIVNISSRY	277	688
>MSH2-G674GKSTYIRQTG'	882	>MSH2-G674SKSTYIRQTG\	314	568
>MSH2-G674GGKSTYIR	68	>MSH2-G674GSKSTYIR	12	56
>MSH2-G674GGKSTYIR	5328	>MSH2-G674GSKSTYIR	384	4944
>MSH2-G674MGGKSTYI	2607	>MSH2-G674MGSKSTYI	417	2190
>MSH2-G674MGGKSTYIR	139	>MSH2-G674MGSKSTYIR	68	71
>MSH2-G674MGGKSTYIR	202	>MSH2-G674MGSKSTYIR	33	169
>MSH2-G674MGGKSTYI	4322	>MSH2-G674MGSKSTYI	325	3997
>MSH2-G674MGGKSTYIR	35	>MSH2-G674MGSKSTYIR	50	15
>MSH2-G674MGGKSTYI	741	>MSH2-G674MGSKSTYI	434	307
>MSH2-G674NMGGKSTYI	621	>MSH2-G674NMGSKSTYI	416	205
>MSH2-G674NMGGKSTYI	30	>MSH2-G674NMGSKSTYI	36	6
>MSH2-G674NMGGKSTYI	39	>MSH2-G674NMGSKSTYI	28	11
>MSH2-G674NMGGKSTYI	20	>MSH2-G674NMGSKSTYI	30	10
>MSH2-G674NMGGKSTYI	36	>MSH2-G674NMGSKSTYI	30	6
>MSH2-G674NMGGKSTYI	103	>MSH2-G674NMGSKSTYI	153	50
>MSH2-G674NMGGKSTYI	28	>MSH2-G674NMGSKSTYI	42	14
>MSH2-G674NMGGKSTYI	68	>MSH2-G674NMGSKSTYI	313	245
>MSH2-G674NMGGKSTY	89	>MSH2-G674NMGSKSTY	145	56
>MSH2-G674NMGGKSTY	203	>MSH2-G674NMGSKSTY	96	107
>MSH2-G674NMGGKSTYIF	111	>MSH2-G674NMGSKSTYIR	139	28
>MSH2-G674NMGGKSTYIF	265	>MSH2-G674NMGSKSTYIR	270	5
>MSH2-G674NMGGKSTYIF	174	>MSH2-G674NMGSKSTYIR	145	29
>MSH2-G674NMGGKSTY	644	>MSH2-G674NMGSKSTY	406	238
>MSH2-G674NMGGKSTY	111	>MSH2-G674NMGSKSTY	85	26

>MSH2-G674NMGGKSTY	66	>MSH2-G674NMGSKSTY	85	19
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>MSH2-G674NMGGKSTYIF	39	>MSH2-G674NMGSKSTYIR	47	8
>MSH2-G674GPNMGGKST	481	>MSH2-G674GPNMGGKST	743	262
>MSH2-G674GPNMGGKST	173	>MSH2-G674GPNMGGKST	61	112
>MSH2-G674TGPNMGGKS	700	>MSH2-G674TGPNMGGKS	473	227
>MSH2-G674TGPNMGGKS	414	>MSH2-G674TGPNMGGKS	684	270
>MSH2-G674TGPNMGGKS	307	>MSH2-G674TGPNMGGKS	142	165
>MSH2-G674ITGPNMGGK	268	>MSH2-G674ITGPNMGGK	169	99
>MSH2-G674ITGPNMGGK	95	>MSH2-G674ITGPNMGGK	64	31
>MSH2-G674ITGPNMGGK	1853	>MSH2-G674ITGPNMGGK	407	1446
>MSH2-G674ITGPNMGGK	324	>MSH2-G674ITGPNMGGK	341	17
>MSH2-G674ITGPNMGGK	349	>MSH2-G674ITGPNMGGK	342	7
>MSH2-G674IITGPNMGGK	73	>MSH2-G674IITGPNMGGK	55	18
>MSH2-G674IITGPNMGGK	253	>MSH2-G674IITGPNMGGK	144	109
>MSH2-G674HIITGPNMGG	176	>MSH2-G674HIITGPNMGG	122	54
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>MSH2-G674HIITGPNMGG	131	>MSH2-G674HIITGPNMGG	126	5
>MSH2-G692GCFVPCESA	13594	>MSH2-G692ECFVPCESA	237	13357
>MSH2-G692GCFVPCESAE	3181	>MSH2-G692ECFVPCESAE	17	3164
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>MSH2-G692IGCFVPCESA	39378	>MSH2-G692IECFVPCESA	457	38921
>MSH2-G692AQIGCFVP	535	>MSH2-G692AQIECFVP	291	244
>MSH2-G692AQIGCFVPC	12	>MSH2-G692AQIECFVPC	7	5
>MSH2-G692AQIGCFVPC	217	>MSH2-G692AQIECFVPC	100	117
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>MSH2-G692MAQIGCFV	76	>MSH2-G692MAQIECFV	227	151
>MSH2-G692MAQIGCFV	201	>MSH2-G692MAQIECFV	427	226
>MSH2-G692MAQIGCFV	51	>MSH2-G692MAQIECFV	110	59
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>MSH2-G692MAQIGCFV	438	>MSH2-G692MAQIECFV	1560	1122
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>MSH2-G692LMAQIGCF	739	>MSH2-G692LMAQIECF	263	476
>MSH2-G692LMAQIGCFV	3	>MSH2-G692LMAQIECFV	3	0
>MSH2-G692LMAQIGCFVF	168	>MSH2-G692LMAQIECFVP	169	1
>MSH2-G692LMAQIGCFV	5	>MSH2-G692LMAQIECFV	10	5
>MSH2-G692LMAQIGCFV	11	>MSH2-G692LMAQIECFV	17	6
>MSH2-G692LMAQIGCFVF	243	>MSH2-G692LMAQIECFVP	268	25
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>MSH2-G692LMAQIGCFV	2	>MSH2-G692LMAQIECFV	2	0
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>MSH2-G692LMAQIGCF	36	>MSH2-G692LMAQIECF	47	11
>MSH2-G692LMAQIGCFV	244	>MSH2-G692LMAQIECFV	2063	1819
>MSH2-G692LMAQIGCF	316	>MSH2-G692LMAQIECF	1440	1124
>MSH2-G692LMAQIGCF	42	>MSH2-G692LMAQIECF	25	17
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>MSH2-G692VLMAQIGCF\	14	>MSH2-G692VLMAQIECFV	12	2
>MSH2-G692VLMAQIGCF	1046	>MSH2-G692VLMAQIECF	172	874
>MSH2-G692VLMAQIGCF\	31	>MSH2-G692VLMAQIECFV	19	12
>MSH2-G692VLMAQIGCF\	26	>MSH2-G692VLMAQIECFV	28	2
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>MSH2-G692VLMAQIGC	35	>MSH2-G692VLMAQIEC	28	7
>MSH2-G692VLMAQIGCF\	2	>MSH2-G692VLMAQIECFV	2	0
>MSH2-G692VLMAQIGC	197	>MSH2-G692VLMAQIEC	190	7
>MSH2-G692VLMAQIGCF\	3	>MSH2-G692VLMAQIECFV	3	0
>MSH2-G692VLMAQIGCF\	5	>MSH2-G692VLMAQIECFV	5	0
>MSH2-G692VLMAQIGC	86	>MSH2-G692VLMAQIEC	98	12
>MSH2-G692VLMAQIGCF\	2	>MSH2-G692VLMAQIECFV	2	0
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>MSH2-G692VLMAQIGCF\	2	>MSH2-G692VLMAQIECFV	2	0
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>MSH2-G692VLMAQIGCF	91	>MSH2-G692VLMAQIECF	75	16
>MSH2-G692VLMAQIGCF	175	>MSH2-G692VLMAQIECF	455	280
>MSH2-G692VLMAQIGCF	340	>MSH2-G692VLMAQIECF	54	286
>MSH2-G692IVLMAQIGCF	143	>MSH2-G692IVLMAQIECF\	102	41
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>MSH2-G692IVLMAQIGCF	16	>MSH2-G692IVLMAQIECF\	22	6
>MSH2-G692IVLMAQIGCF	12	>MSH2-G692IVLMAQIECF\	15	3
>MSH2-G692IVLMAQIGCF	216	>MSH2-G692IVLMAQIECF\	318	102
>MSH2-G692IVLMAQIGCF	12	>MSH2-G692IVLMAQIECF\	13	1
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>MSH2-G692IVLMAQIGCF	13	>MSH2-G692IVLMAQIECF\	13	0
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>MSH2-G692IVLMAQIGCF	143	>MSH2-G692IVLMAQIECF\	394	251
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>MSH2-G827GIHVAELA	3768	>MSH2-G827RIHVAELA	85	3683
>MSH2-G827GIHVAELANF	6145	>MSH2-G827RIHVAELANF	172	5973

>MSH2-G827GIHVAELANF	8720	>MSH2-G827RIHVAELANF	379	8341
>MSH2-G827GIHVAELANF	1061	>MSH2-G827RIHVAELANF	217	844
>MSH2-G827GIHVAELANF	1485	>MSH2-G827RIHVAELANF	105	1380
>MSH2-G827GIHVAELANF	953	>MSH2-G827RIHVAELANF	34	919
>MSH2-G827GIHVAELANF	1888	>MSH2-G827RIHVAELANF	217	1671
>MSH2-G827FGIHVAEL	83	>MSH2-G827FRIHVAEL	565	482
>MSH2-G827FGIHVAEL	164	>MSH2-G827FRIHVAEL	1805	1641
>MSH2-G827FGIHVAELA	412	>MSH2-G827FRIHVAELA	3297	2885
>MSH2-G827FGIHVAELA	291	>MSH2-G827FRIHVAELA	2125	1834
>MSH2-G827FGIHVAEL	2377	>MSH2-G827FRIHVAEL	82	2295
>MSH2-G827FGIHVAELAN	203	>MSH2-G827FRIHVAELAN	14	189
>MSH2-G827FGIHVAELAN	319	>MSH2-G827FRIHVAELAN	17329	17010
>MSH2-G827FGIHVAEL	22665	>MSH2-G827FRIHVAEL	107	22558
>MSH2-G827FGIHVAELA	24030	>MSH2-G827FRIHVAELA	442	23588
>MSH2-G827FGIHVAELAN	21642	>MSH2-G827FRIHVAELAN	95	21547
>MSH2-G827FGIHVAEL	1953	>MSH2-G827FRIHVAEL	19	1934
>MSH2-G827SFGIHVAEL	112	>MSH2-G827SFRIHVAEL	745	633
>MSH2-G827SFGIHVAEL	13047	>MSH2-G827SFRIHVAEL	78	12969
>MSH2-G827SFGIHVAELA	13238	>MSH2-G827SFRIHVAELA	183	13055
>MSH2-G827SFGIHVAEL	3749	>MSH2-G827SFRIHVAEL	201	3548
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>MSH2-G827QSFGIHVAEL	30	>MSH2-G827QSFRIHVAEL	57	27
>MSH2-G827QSFGIHVA	58	>MSH2-G827QSFRIHVA	153	95
>MSH2-G827QSFGIHVAEL	309	>MSH2-G827QSFRIHVAEL	375	66
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>MSH2-G827QSFGIHVAEL	480	>MSH2-G827QSFRIHVAEL	136	344
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>MSH2-G827GVCDQSFGI	52	>MSH2-G827GVCDQSFRI	303	251
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>MSH2-G827GVCDQSFGI	196	>MSH2-G827GVCDQSFRI	331	135
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>MSH2-G827GVCDQSFGI	492	>MSH2-G827GVCDQSFRI	2481	1989
>MSH2-G827GVCDQSFGIH	321	>MSH2-G827GVCDQSFRIH	921	600
>MSH2-G827GVCDQSFGIH	79	>MSH2-G827GVCDQSFRIH	291	212
>MSH2-G827GVCDQSFGI	354	>MSH2-G827GVCDQSFRI	304	50
>MSH2-G827GVCDQSFGIH	16	>MSH2-G827GVCDQSFRIH	15	1
>MSH2-G827GVCDQSF	21228	>MSH2-G827GVCDQSFR	72	21156
>MSH2-G827GVCDQSF	20647	>MSH2-G827GVCDQSFR	45	20602
>MSH2-G827GVCDQSF	32713	>MSH2-G827GVCDQSFR	410	32303
>MSH2-G827GVCDQSF	32977	>MSH2-G827GVCDQSFR	58	32919
>MSH2-G827KGVCDQSF	21890	>MSH2-G827KGVCDQSFR	226	21664
>MSH2-G827KGVCDQSF	29903	>MSH2-G827KGVCDQSFR	106	29797



>MSH2-G827KKGVCDSQSF	31776	>MSH2-G827KKGVCDSQSF	124	31652
>MSH2-I237\IYQDLNRL	191	>MSH2-I237\IYQDLNRL	333	142
>MSH2-I237\IYQDLNRL	119	>MSH2-I237\IYQDLNRL	137	18
>MSH2-I237\IYQDLNRLL	461	>MSH2-I237\IYQDLNRLL	522	61
>MSH2-I237\IYQDLNRL	375	>MSH2-I237\IYQDLNRL	605	230
>MSH2-I237\IYQDLNRLL	292	>MSH2-I237\IYQDLNRLL	492	200
>MSH2-I237\IYQDLNRL	36	>MSH2-I237\IYQDLNRL	29	7
>MSH2-I237\IYQDLNRLL	130	>MSH2-I237\IYQDLNRLL	102	28
>MSH2-I237\IYQDLNRLLK	165	>MSH2-I237\IYQDLNRLLK	482	317
>MSH2-I237\IYQDLNRLLK	253	>MSH2-I237\IYQDLNRLLK	532	279
>MSH2-I237\DIYQDLNRL	35	>MSH2-I237\DIYQDLNRL	11	24
>MSH2-I237\DIYQDLNRLL	807	>MSH2-I237\DIYQDLNRLL	255	552
>MSH2-I237\DIYQDLNRL	971	>MSH2-I237\DIYQDLNRL	298	673
>MSH2-I237\DIYQDLNR	73	>MSH2-I237\DIYQDLNR	62	11
>MSH2-I237\DIYQDLNR	36	>MSH2-I237\DIYQDLNR	17	19
>MSH2-I237\DIYQDLNRLLI	40	>MSH2-I237\DIYQDLNRLLI	17	23
>MSH2-I237\DIYQDLNRL	697	>MSH2-I237\DIYQDLNRL	304	393
>MSH2-I237\DIYQDLNRLL	908	>MSH2-I237\DIYQDLNRLL	388	520
>MSH2-I237\DIYQDLNR	157	>MSH2-I237\DIYQDLNR	403	246
>MSH2-I237\RKKADFSTKD	14	>MSH2-I237\RKKADFSTKD	18	4
>MSH2-I237\KDIYQDLNR	181	>MSH2-I237\KDIYQDLNR	171	10
>MSH2-I237\STKDIYQDLN	474	>MSH2-I237\STKDIYQDLN	395	79
>MSH2-I237\STKDIYQDL	312	>MSH2-I237\STKDIYQDL	356	44
>MSH2-I237\STKDIYQDLN	156	>MSH2-I237\STKDIYQDLN	169	13
>MSH2-I237\STKDIYQDLN	28	>MSH2-I237\STKDIYQDLN	31	3
>MSH2-I237\STKDIYQDLN	200	>MSH2-I237\STKDIYQDLN	174	26
>MSH2-I237\STKDIYQDLN	36	>MSH2-I237\STKDIYQDLN	38	2
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>MSH2-I237\FSTKDIYQDL	424	>MSH2-I237\FSTKDIYQDL	534	110
>MSH2-I237\ADFSTKDIY	131	>MSH2-I237\ADFSTKDIY	137	6
>MSH2-I237\ADFSTKDI	458	>MSH2-I237\ADFSTKDI	3231	2773
>MSH2-I237\ADFSTKDI	57	>MSH2-I237\ADFSTKDI	102	45
>MSH2-I237\KADFSTKDIY	370	>MSH2-I237\KADFSTKDIY	578	208
>MSH2-I237\KADFSTKDIY	377	>MSH2-I237\KADFSTKDIY	218	159
>MSH2-I237\KKADFSTKDI	206	>MSH2-I237\KKADFSTKDI	203	3
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>MSH2-I237\KKADFSTKDI	13	>MSH2-I237\KKADFSTKDI	12	1
>MSH2-P69T PAGAKNLQS	6295	>MSH2-P69T PAGAKNLQS	485	5810
>MSH2-P69T GPAGAKNL	200	>MSH2-P69T GPAGAKNL	27452	27252
>MSH2-P69T GPAGAKNLQ	13879	>MSH2-P69T GPAGAKNLQ	158	13721
>MSH2-P69T GPAGAKNLQ	14783	>MSH2-P69T GPAGAKNLQ	190	14593
>MSH2-P69T GPAGAKNLQ	10536	>MSH2-P69T GPAGAKNLQ	309	10227

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>MSH2-P69T GPAGAKNLQ	13143	>MSH2-P69T GTAGAKNLQ	182	12961
>MSH2-P69T GPAGAKNLQ	8807	>MSH2-P69T GTAGAKNLQ	40	8767
>MSH2-P69T GPAGAKNLQ	15201	>MSH2-P69T GTAGAKNLQ	219	14982
>MSH2-P69T GPAGAKNL	86	>MSH2-P69T GTAGAKNL	15899	15813
>MSH2-P69T GPAGAKNLQ	56	>MSH2-P69T GTAGAKNLQ	14933	14877
>MSH2-P69T GPAGAKNL	22522	>MSH2-P69T GTAGAKNL	73	22449
>MSH2-P69T GPAGAKNLQ	14380	>MSH2-P69T GTAGAKNLQ	493	13887
>MSH2-P69T GPAGAKNLQ	12343	>MSH2-P69T GTAGAKNLQ	377	11966
>MSH2-P69T YMGPAGAKN	197	>MSH2-P69T YMGTAGAKN	132	65
>MSH2-P69T YMGPAGAKN	189	>MSH2-P69T YMGTAGAKN	150	39
>MSH2-P69T YMGPAGAKN	9	>MSH2-P69T YMGTAGAKN	16	7
>MSH2-P69T YMGPAGAKN	13	>MSH2-P69T YMGTAGAKN	17	4
>MSH2-P69T YMGPAGAKN	16	>MSH2-P69T YMGTAGAKN	30	14
>MSH2-P69T YMGPAGAKN	26	>MSH2-P69T YMGTAGAKN	29	3
>MSH2-P69T YMGPAGAKN	3	>MSH2-P69T YMGTAGAKN	5	2
>MSH2-P69T YMGPAGAKN	29	>MSH2-P69T YMGTAGAKN	136	107
>MSH2-P69T YMGPAGAK	294	>MSH2-P69T YMGTAGAK	304	10
>MSH2-P69T YMGPAGAKN	165	>MSH2-P69T YMGTAGAKN	152	13
>MSH2-P69T YMGPAGAKN	462	>MSH2-P69T YMGTAGAKN	3600	3138
>MSH2-P69T KYMGPAGAK	108	>MSH2-P69T KYMGTAGAK	13	95
>MSH2-P69T KYMGPAGAK	1939	>MSH2-P69T KYMGTAGAK	478	1461
>MSH2-P69T KYMGPAGAK	11	>MSH2-P69T KYMGTAGAK	9	2
>MSH2-P69T KYMGPAGA	524	>MSH2-P69T KYMGTAGA	172	352
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>MSH2-P69T KYMGPAGAK	401	>MSH2-P69T KYMGTAGAK	294	107
>MSH2-P69T KYMGPAGAK	273	>MSH2-P69T KYMGTAGAK	129	144
>MSH2-P69T KYMGPAGA	157	>MSH2-P69T KYMGTAGA	122	35
>MSH2-P69T KYMGPAGAK	323	>MSH2-P69T KYMGTAGAK	135	188
>MSH2-P69T KYMGPAGAK	194	>MSH2-P69T KYMGTAGAK	110	84
>MSH2-P69T IKYMGPAG	555	>MSH2-P69T IKYMGTAG	319	236
>MSH2-P69T IKYMGPAGA	186	>MSH2-P69T IKYMGTAGA	185	1
>MSH2-P69T IKYMGPAGAI	168	>MSH2-P69T IKYMGTAGAI	161	7
>MSH2-P69T VIKYMGPA	182	>MSH2-P69T VIKYMGTA	231	49
>MSH2-P69T VIKYMGPA/	341	>MSH2-P69T VIKYMGTA/	355	14
>MSH2-P69T VIKYMGPA/	310	>MSH2-P69T VIKYMGTA/	336	26
>MSH2-P69T VIKYMGPA/	66	>MSH2-P69T VIKYMGTA/	88	22
>MSH2-P69T GVIKYMGA	67	>MSH2-P69T GVIKYMGA	153	86
>MSH2-P69T GVIKYMGA/	85	>MSH2-P69T GVIKYMGA/	75	10
>MSH2-P69T GVIKYMGA	157	>MSH2-P69T GVIKYMGA	472	315
>MSH2-P69T GVIKYMGA/	372	>MSH2-P69T GVIKYMGA/	134	238
>MSH6-A115 AVMAQMGC	45	>MSH6-A115 VVMAQMGC	56	11
>MSH6-A115 AVMAQMGC	58	>MSH6-A115 VVMAQMGC	100	42

>MSH6-A115AVMAQMGC	26	>MSH6-A115VVMAQMGC	47	21
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>MSH6-A115AVMAQMGC	20	>MSH6-A115VVMAQMGC	17	3
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>MSH6-A115AVMAQMGC	68	>MSH6-A115VVMAQMGC	72	4
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>MSH6-A115AVMAQMGC	65	>MSH6-A115VVMAQMGC	186	121
>MSH6-A115AVMAQMGC	195	>MSH6-A115VVMAQMGC	1328	1133
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>MSH6-A115AVMAQMGC	152	>MSH6-A115VVMAQMGC	77	75
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>MSH6-A115AVMAQMGC	58	>MSH6-A115VVMAQMGC	38	20
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>MSH6-A115AVMAQMGC	79	>MSH6-A115VVMAQMGC	99	20
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>MSH6-A115AVMAQMGC	164	>MSH6-A115VVMAQMGC	216	52
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>MSH6-A115AVMAQMGC	353	>MSH6-A115VVMAQMGC	410	57
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>MSH6-A115LAVMAQMG	1005	>MSH6-A115LVVMAQMG	263	742
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>MSH6-A115LAVMAQMG	109	>MSH6-A115LVVMAQMG	23	86
>MSH6-A115LAVMAQMG	184	>MSH6-A115LVVMAQMG	38	146
>MSH6-A115LAVMAQMG	690	>MSH6-A115LVVMAQMG	77	613
>MSH6-A115LAVMAQMG	4373	>MSH6-A115LVVMAQMG	288	4085
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>MSH6-A115LAVMAQMG	251	>MSH6-A115LVVMAQMG	14	237
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>MSH6-A115LAVMAQMG	289	>MSH6-A115LVVMAQMG	74	215
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>MSH6-A115STLMRQAGLI	10107	>MSH6-A115STLMRQAGLI	172	9935
>MSH6-A115STLMRQAGLI	152	>MSH6-A115STLMRQAGLI	292	140
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>MSH6-A115STLMRQAGLI	1342	>MSH6-A115STLMRQAGLI	181	1161
>MSH6-A115LLAVMAQM	65	>MSH6-A115LLVVMAQM	533	468

>MSH6-A115 LLAVMAQM	136	>MSH6-A115 LLVVMAQM	441	305
>MSH6-A115 LLAVMAQM	352	>MSH6-A115 LLVVMAQM	427	75
>MSH6-A115 LLAVMAQM	198	>MSH6-A115 LLVVMAQM	2043	1845
>MSH6-A115 LLAVMAQM	17	>MSH6-A115 LLVVMAQM	37	20
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>MSH6-A115 LLAVMAQM	47	>MSH6-A115 LLVVMAQM	69	22
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>MSH6-A115 LLAVMAQM	70	>MSH6-A115 LLVVMAQM	133	63
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>MSH6-A115 LLAVMAQM	127	>MSH6-A115 LLVVMAQM	166	39
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>MSH6-A115 GLLAVMAQM	80	>MSH6-A115 GLLVVMAQM	358	278
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>MSH6-A115 GLLAVMAQM	399	>MSH6-A115 GLLVVMAQM	1735	1336
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>MSH6-A115 GLLAVMAQM	8	>MSH6-A115 GLLVVMAQM	30	22
>MSH6-A115 GLLAVMAQM	28	>MSH6-A115 GLLVVMAQM	88	60
>MSH6-A115 GLLAVMAQM	75	>MSH6-A115 GLLVVMAQM	196	121
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>MSH6-A115 GLLAVMAQM	32	>MSH6-A115 GLLVVMAQM	67	35
>MSH6-A115 GLLAVMAQM	151	>MSH6-A115 GLLVVMAQM	337	186
>MSH6-A115 GLLAVMAQM	211	>MSH6-A115 GLLVVMAQM	334	123
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>MSH6-A115 GLLAVMAQM	35	>MSH6-A115 GLLVVMAQM	137	102
>MSH6-A115 GLLAVMAQM	41	>MSH6-A115 GLLVVMAQM	118	77
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>MSH6-A115 AGLLAVMAQ	244	>MSH6-A115 AGLLVVMAQ	428	184
>MSH6-A115 QAGLLAVMA	428	>MSH6-A115 QAGLLVVMA	505	77
>MSH6-A115 RQAGLLAV	40	>MSH6-A115 RQAGLLVV	89	49
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>MSH6-A115 RQAGLLAV	10	>MSH6-A115 RQAGLLVV	27	17
>MSH6-A115 RQAGLLAV	3	>MSH6-A115 RQAGLLVV	6	3
>MSH6-A115 RQAGLLAVM	32	>MSH6-A115 RQAGLLVVM	53	21
>MSH6-A115 RQAGLLAVM	851	>MSH6-A115 RQAGLLVVM	466	385
>MSH6-A115 RQAGLLAV	43	>MSH6-A115 RQAGLLVV	87	44
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>MSH6-A115 RQAGLLAV	121	>MSH6-A115 RQAGLLVV	98	23
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>MSH6-A115 RQAGLLAVM	1604	>MSH6-A115 RQAGLLVVM	274	1330
>MSH6-A115 RQAGLLAV	153	>MSH6-A115 RQAGLLVV	169	16
>MSH6-A115 RQAGLLAVM	30	>MSH6-A115 RQAGLLVVM	34	4

>MSH6-A115 RQAGLLAVM	606	>MSH6-A115 RQAGLLVVM	423	183
>MSH6-A115 RQAGLLAVM	250	>MSH6-A115 RQAGLLVVM	365	115
>MSH6-A115 RQAGLLAV	173	>MSH6-A115 RQAGLLVV	231	58
>MSH6-A115 RQAGLLAVM	102	>MSH6-A115 RQAGLLVVM	38	64
>MSH6-A115 RQAGLLAV	305	>MSH6-A115 RQAGLLVV	329	24
>MSH6-A115 RQAGLLAVM	64	>MSH6-A115 RQAGLLVVM	51	13
>MSH6-A115 RQAGLLAVM	165	>MSH6-A115 RQAGLLVVM	119	46
>MSH6-A115 RQAGLLAVM	716	>MSH6-A115 RQAGLLVVM	293	423
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>MSH6-A115 MRQAGLLAV	482	>MSH6-A115 MRQAGLLVV	755	273
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>MSH6-A115 MRQAGLLAV	293	>MSH6-A115 MRQAGLLVV	352	59
>MSH6-A115 MRQAGLLAV	93	>MSH6-A115 MRQAGLLVV	99	6
>MSH6-A115 MRQAGLLAV	486	>MSH6-A115 MRQAGLLVV	488	2
>MSH6-A115 MRQAGLLAV	101	>MSH6-A115 MRQAGLLVV	138	37
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>MSH6-A115 LMRQAGLLA'	107	>MSH6-A115 LMRQAGLLV'	173	66
>MSH6-A115 LMRQAGLLA	2920	>MSH6-A115 LMRQAGLLV	454	2466
>MSH6-A115 LMRQAGLLA'	54	>MSH6-A115 LMRQAGLLV'	103	49
>MSH6-A115 LMRQAGLLA	150	>MSH6-A115 LMRQAGLLV	21	129
>MSH6-A115 LMRQAGLLA'	12	>MSH6-A115 LMRQAGLLV'	20	8
>MSH6-A115 LMRQAGLLA'	149	>MSH6-A115 LMRQAGLLV'	439	290
>MSH6-A115 LMRQAGLLA	1540	>MSH6-A115 LMRQAGLLV	20	1520
>MSH6-A115 LMRQAGLLA'	7	>MSH6-A115 LMRQAGLLV'	12	5
>MSH6-A115 LMRQAGLLA'	57	>MSH6-A115 LMRQAGLLV'	121	64
>MSH6-A115 LMRQAGLLA	3245	>MSH6-A115 LMRQAGLLV	37	3208
>MSH6-A115 LMRQAGLLA'	39	>MSH6-A115 LMRQAGLLV'	35	4
>MSH6-A115 LMRQAGLLA'	478	>MSH6-A115 LMRQAGLLV'	531	53
>MSH6-A115 LMRQAGLLA	61	>MSH6-A115 LMRQAGLLV	4	57
>MSH6-A115 LMRQAGLLA'	3	>MSH6-A115 LMRQAGLLV'	3	0
>MSH6-A115 LMRQAGLLA'	194	>MSH6-A115 LMRQAGLLV'	237	43
>MSH6-A115 LMRQAGLLA	53	>MSH6-A115 LMRQAGLLV	102	49
>MSH6-A115 LMRQAGLLA'	103	>MSH6-A115 LMRQAGLLV'	156	53
>MSH6-A115 LMRQAGLLA'	364	>MSH6-A115 LMRQAGLLV'	505	141
>MSH6-A115 LMRQAGLLA'	227	>MSH6-A115 LMRQAGLLV'	274	47
>MSH6-A115 LMRQAGLLA	140	>MSH6-A115 LMRQAGLLV	125	15

>MSH6-A115 LMRQAGLLA'	55	>MSH6-A115 LMRQAGLLV'	56	1
>MSH6-A115 LMRQAGLLA'	23	>MSH6-A115 LMRQAGLLV'	25	2
>MSH6-A115 LMRQAGLLA'	426	>MSH6-A115 LMRQAGLLV'	579	153
>MSH6-A115 LMRQAGLLA	682	>MSH6-A115 LMRQAGLLV	136	546
>MSH6-A115 LMRQAGLLA'	51	>MSH6-A115 LMRQAGLLV'	77	26
>MSH6-A115 LMRQAGLLA'	35	>MSH6-A115 LMRQAGLLV'	21	14
>MSH6-A115 LMRQAGLLA'	199	>MSH6-A115 LMRQAGLLV'	428	229
>MSH6-A115 LMRQAGLLA'	150	>MSH6-A115 LMRQAGLLV'	307	157
>MSH6-A115 TLMRQAGLL\	148	>MSH6-A115 TLMRQAGLL\	24	124
>MSH6-A115 TLMRQAGLL\	48	>MSH6-A115 TLMRQAGLL\	77	29
>MSH6-A115 TLMRQAGLL\	185	>MSH6-A115 TLMRQAGLL\	57	128
>MSH6-A115 TLMRQAGLL\	17	>MSH6-A115 TLMRQAGLL\	46	29
>MSH6-A115 TLMRQAGLL\	68	>MSH6-A115 TLMRQAGLL\	19	49
>MSH6-A115 TLMRQAGLL\	6	>MSH6-A115 TLMRQAGLL\	9	3
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>MSH6-A115 TLMRQAGLL\	27	>MSH6-A115 TLMRQAGLL\	60	33
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>MSH6-A115 TLMRQAGLL\	8	>MSH6-A115 TLMRQAGLL\	13	5
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>MSH6-A115 TLMRQAGLL\	33	>MSH6-A115 TLMRQAGLL\	30	3
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>MSH6-A115 TLMRQAGLL\	12	>MSH6-A115 TLMRQAGLL\	14	2
>MSH6-A115 TLMRQAGLL\	101	>MSH6-A115 TLMRQAGLL\	6	95
>MSH6-A115 TLMRQAGLL\	4	>MSH6-A115 TLMRQAGLL\	4	0
>MSH6-A115 TLMRQAGLL\	327	>MSH6-A115 TLMRQAGLL\	687	360
>MSH6-A115 TLMRQAGLL\	5730	>MSH6-A115 TLMRQAGLL\	189	5541
>MSH6-A115 TLMRQAGLL\	71	>MSH6-A115 TLMRQAGLL\	321	250
>MSH6-A130 ARLANLPEEV	494	>MSH6-A130 TRLANLPEEV\	1542	1048
>MSH6-A130 ARLANLPEEV	245	>MSH6-A130 TRLANLPEEV	1036	791
>MSH6-A130 ARLANLPEEV	455	>MSH6-A130 TRLANLPEEV\	1329	874
>MSH6-A130 AARLANLP	452	>MSH6-A130 ATRLANLP	78	374
>MSH6-A130 AARLANLPE	118	>MSH6-A130 ATRLANLPE	25	93
>MSH6-A130 AARLANLPEE	393	>MSH6-A130 ATRLANLPEE	78	315
>MSH6-A130 AARLANLPEE	133	>MSH6-A130 ATRLANLPEE'	35	98
>MSH6-A130 AARLANLPEE	2673	>MSH6-A130 ATRLANLPEE'	276	2397
>MSH6-A130 NAARLANL	94	>MSH6-A130 NATRLANL	770	676
>MSH6-A130 FNAARLANL	44	>MSH6-A130 FNATRLANL	157	113
>MSH6-A130 FNAARLANL	276	>MSH6-A130 FNATRLANL	262	14
>MSH6-A130 YGFNAARL	206	>MSH6-A130 YGFNATRL	846	640
>MSH6-A130 YGFNAARLAN	536	>MSH6-A130 YGFNATRLAN	405	131
>MSH6-A130 YGFNAARLAN	432	>MSH6-A130 YGFNATRLAN	308	124

>MSH6-A130 YGFNAARL	168	>MSH6-A130 YGFNATRL	488	320
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>MSH6-A130 SYGFNAARL	739	>MSH6-A130 SYGFNATRL	39	700
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>MSH6-A130 SYGFNAAR	31	>MSH6-A130 SYGFNATR	29	2
>MSH6-A130 KSYGFNAA	173	>MSH6-A130 KSYGFNAT	296	123
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>MSH6-A130 KSYGFNAA	258	>MSH6-A130 KSYGFNAT	2090	1832
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>MSH6-A130 KSYGFNAAR	6	>MSH6-A130 KSYGFNATR	7	1
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>MSH6-A130 KSYGFNAAR	36	>MSH6-A130 KSYGFNATR	28	8
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>MSH6-A130 KSYGFNAAR	633	>MSH6-A130 KSYGFNATR	165	468
>MSH6-A130 KSYGFNAARL	3	>MSH6-A130 KSYGFNATRL	3	0
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>MSH6-A130 KSYGFNAARL	38	>MSH6-A130 KSYGFNATRL	40	2
>MSH6-A130 KSYGFNAARL	200	>MSH6-A130 KSYGFNATRL	460	260
>MSH6-A130 KSYGFNAARL	434	>MSH6-A130 KSYGFNATRL	398	36
>MSH6-A130 KSYGFNAAR	19	>MSH6-A130 KSYGFNATR	18	1
>MSH6-A130 KSYGFNAARL	332	>MSH6-A130 KSYGFNATRL	334	2
>MSH6-A130 CPKSYGFNAA	482	>MSH6-A130 CPKSYGFNAT	560	78
>MSH6-A130 CPKSYGFNAA	495	>MSH6-A130 CPKSYGFNAT	547	52
>MSH6-A130 CPKSYGFNAA	67	>MSH6-A130 CPKSYGFNAT	1510	1443
>MSH6-D197 ELAVCDEPS	363	>MSH6-D197 ELAVCHEPS	366	3
>MSH6-D197 KRLELAVCD	1054	>MSH6-D197 KRLELAVCH	71	983
>MSH6-D197 KRLELAVCD	1201	>MSH6-D197 KRLELAVCH	383	818
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>MSH6-D197 IKRLELAVCD	11055	>MSH6-D197 IKRLELAVCH	450	10605
>MSH6-D39C DFDASTLY	168	>MSH6-D39C NFDASTLY	87	81
>MSH6-D39C DFDASTLYV	467	>MSH6-D39C NFDASTLYV	407	60
>MSH6-D39C DFDASTLY	1691	>MSH6-D39C NFDASTLY	169	1522

>MSH6-D39C DFDASTLY	188	>MSH6-D39C NFDASTLY	189	1
>MSH6-D39C PDFDASTLY	410	>MSH6-D39C PNFDASTLY	133	277
>MSH6-D39C PDFDASTL	316	>MSH6-D39C PNFDASTL	12484	12168
>MSH6-D39C PDFDASTLYV	74	>MSH6-D39C PNFDASTLYV	4052	3978
>MSH6-D39C DEHRRRPDHI	350	>MSH6-D39C DEHRRRPDHI	533	183
>MSH6-D39C HPDFDASTLY	112	>MSH6-D39C HPNFDASTLY	236	124
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>MSH6-D39C HPDFDASTLY	640	>MSH6-D39C HPNFDASTLY	230	410
>MSH6-D39C HPDFDAST	334	>MSH6-D39C HPNFDAST	136	198
>MSH6-D39C HPDFDASTL	52	>MSH6-D39C HPNFDASTL	29	23
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>MSH6-D39C RPDHPDFDA	774	>MSH6-D39C RPDHPNFDAA	380	394
>MSH6-D39C RRPDHPDF	110	>MSH6-D39C RRPDHPNF	58	52
>MSH6-D39C RRRPDHPDFI	787	>MSH6-D39C RRRPDHPNFI	258	529
>MSH6-D39C RRRPDHPDF	8	>MSH6-D39C RRRPDHPNF	6	2
>MSH6-D39C RRRPDHPDFI	701	>MSH6-D39C RRRPDHPNFI	387	314
>MSH6-D39C RRRPDHPD	56	>MSH6-D39C RRRPDHPN	52	4
>MSH6-D39C RRRPDHPDF	42	>MSH6-D39C RRRPDHPNF	55	13
>MSH6-D39C RRRPDHPDFI	116	>MSH6-D39C RRRPDHPNFI	68	48
>MSH6-D39C RRRPDHPDFI	273	>MSH6-D39C RRRPDHPNFI	188	85
>MSH6-D39C RRRPDHPDF	55	>MSH6-D39C RRRPDHPNF	31	24
>MSH6-D39C RRRPDHPDFI	432	>MSH6-D39C RRRPDHPNFI	222	210
>MSH6-D39C HRRRPDHPD	31	>MSH6-D39C HRRRPDHPN	20	11
>MSH6-D39C HRRRPDHPD	42	>MSH6-D39C HRRRPDHPN	34	8
>MSH6-D39C HRRRPDHPD	259	>MSH6-D39C HRRRPDHPN	267	8
>MSH6-D39C EHRRRPDHPI	370	>MSH6-D39C EHRRRPDHPI	221	149
>MSH6-D575 DDRHCSRF	5376	>MSH6-D575 YDRHCSRF	106	5270
>MSH6-D575 DDRHCSRFRT	12422	>MSH6-D575 YDRHCSRFRT	454	11968
>MSH6-D575 SDDRHCSRF	24950	>MSH6-D575 SYDRHCSRF	222	24728
>MSH6-D575 SDDRHCSRF	21068	>MSH6-D575 SYDRHCSRF	229	20839
>MSH6-D575 SDDRHCSRF	22666	>MSH6-D575 SYDRHCSRF	19	22647
>MSH6-D575 SDDRHCSR	10625	>MSH6-D575 SYDRHCSR	269	10356
>MSH6-D575 SDDRHCSRFF	1361	>MSH6-D575 SYDRHCSRFR	43	1318
>MSH6-D575 SDDRHCSR	25595	>MSH6-D575 SYDRHCSR	431	25164
>MSH6-D575 SDDRHCSRFF	10020	>MSH6-D575 SYDRHCSRFR	447	9573



>MSH6-D575 SDDRHC	3322	>MSH6-D575 SYDRHC	302	3020
>MSH6-D575 SDDRHC	12323	>MSH6-D575 SYDRHC	150	12173
>MSH6-D575 SDDRHC	11442	>MSH6-D575 SYDRHC	131	11311
>MSH6-D575 LGKFFIGQFS	25039	>MSH6-D575 LGKFFIGQFS	30	25009
>MSH6-D575 LGKFFIGQFS	21740	>MSH6-D575 LGKFFIGQFS	198	21542
>MSH6-D575 LGKFFIGQFS	26086	>MSH6-D575 LGKFFIGQFS	318	25768
>MSH6-D575 FSDDRHC	190	>MSH6-D575 FSYDRHC	1151	961
>MSH6-D575 FSDDRHC	5509	>MSH6-D575 FSYDRHC	436	5073
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>MSH6-D575 FSDDRHC	1251	>MSH6-D575 FSYDRHC	34	1217
>MSH6-D575 FSDDRHC	143	>MSH6-D575 FSYDRHC	22	121
>MSH6-D575 FSDDRHC	249	>MSH6-D575 FSYDRHC	32	217
>MSH6-D575 FSDDRHC	112	>MSH6-D575 FSYDRHC	6	106
>MSH6-D575 FSDDRHC	94	>MSH6-D575 FSYDRHC	5	89
>MSH6-D575 FSDDRHC	2076	>MSH6-D575 FSYDRHC	55	2021
>MSH6-D575 FSDDRHC	1318	>MSH6-D575 FSYDRHC	11	1307
>MSH6-D575 FSDDRHC	8	>MSH6-D575 FSYDRHC	3	5
>MSH6-D575 FSDDRHC	1637	>MSH6-D575 FSYDRHC	216	1421
>MSH6-D575 FSDDRHC	404	>MSH6-D575 FSYDRHC	70	334
>MSH6-D575 FSDDRHC	3679	>MSH6-D575 FSYDRHC	207	3472
>MSH6-D575 FSDDRHC	2361	>MSH6-D575 FSYDRHC	144	2217
>MSH6-D575 QFSDDRHC	330	>MSH6-D575 QFSYDRHC	210	120
>MSH6-D575 QFSDDRHC	235	>MSH6-D575 QFSYDRHC	178	57
>MSH6-D575 QFSDDRHC	29	>MSH6-D575 QFSYDRHC	26	3
>MSH6-D575 QFSDDRHC	43	>MSH6-D575 QFSYDRHC	35	8
>MSH6-D575 QFSDDRHC	664	>MSH6-D575 QFSYDRHC	441	223
>MSH6-D575 QFSDDRHC	281	>MSH6-D575 QFSYDRHC	123	158
>MSH6-D575 QFSDDRHC	46	>MSH6-D575 QFSYDRHC	87	41
>MSH6-D575 GQFSDDRHC	88	>MSH6-D575 GQFSYDRHC	20	68
>MSH6-D575 GQFSDDRHC	317	>MSH6-D575 GQFSYDRHC	202	115
>MSH6-D575 GQFSDDRHC	799	>MSH6-D575 GQFSYDRHC	427	372
>MSH6-D575 FIGQFSDDR	145	>MSH6-D575 FIGQFSYDR	76	69
>MSH6-D575 FIGQFSDDR	150	>MSH6-D575 FIGQFSYDR	26	124
>MSH6-D575 FFIGQFS	32268	>MSH6-D575 FFIGQFSY	207	32061
>MSH6-D575 FFIGQFS	5638	>MSH6-D575 FFIGQFSY	5	5633
>MSH6-D575 FFIGQFS	534	>MSH6-D575 FFIGQFSYDR	339	195
>MSH6-D575 FFIGQFS	28898	>MSH6-D575 FFIGQFSY	291	28607
>MSH6-D575 FFIGQFS	259	>MSH6-D575 FFIGQFSYDR	20	239
>MSH6-D575 FFIGQFS	270	>MSH6-D575 FFIGQFSYDR	71	199
>MSH6-D575 FFIGQFS	52	>MSH6-D575 FFIGQFSYDR	19	33
>MSH6-D575 FFIGQFS	25952	>MSH6-D575 FFIGQFSY	485	25467
>MSH6-D575 FFIGQFS	21791	>MSH6-D575 FFIGQFSY	254	21537
>MSH6-D575 FFIGQFS	27943	>MSH6-D575 FFIGQFSY	84	27859

>MSH6-D575 FFIGQFSD	18696	>MSH6-D575 FFIGQFSY	92	18604
>MSH6-D575 FFIGQFSD	30473	>MSH6-D575 FFIGQFSY	274	30199
>MSH6-D575 FFIGQFSDDR	164	>MSH6-D575 FFIGQFSYDR	34	130
>MSH6-D575 KFFIGQFSD	13643	>MSH6-D575 KFFIGQFSY	7	13636
>MSH6-D575 KFFIGQFSD	8289	>MSH6-D575 KFFIGQFSY	9	8280
>MSH6-D575 KFFIGQFSD	1914	>MSH6-D575 KFFIGQFSY	202	1712
>MSH6-D575 KFFIGQFSDD	32	>MSH6-D575 KFFIGQFSYDI	8	24
>MSH6-D575 KFFIGQFSDD	1754	>MSH6-D575 KFFIGQFSYDI	411	1343
>MSH6-D575 KFFIGQFSD	26065	>MSH6-D575 KFFIGQFSY	41	26024
>MSH6-D575 KFFIGQFSD	19009	>MSH6-D575 KFFIGQFSY	231	18778
>MSH6-D575 KFFIGQFSD	27757	>MSH6-D575 KFFIGQFSY	484	27273
>MSH6-D575 KFFIGQFSD	21778	>MSH6-D575 KFFIGQFSY	24	21754
>MSH6-D575 KFFIGQFSDD	23	>MSH6-D575 KFFIGQFSYDI	12	11
>MSH6-D575 GKFFIGQFSD	26413	>MSH6-D575 GKFFIGQFSY	80	26333
>MSH6-D575 GKFFIGQFSD	30158	>MSH6-D575 GKFFIGQFSY	133	30025
>MSH6-D575 GKFFIGQFSD	9660	>MSH6-D575 GKFFIGQFSY	9	9651
>MSH6-E198 EPSEPEEEEEI	21	>MSH6-E198 APSEPEEEEEI	81	60
>MSH6-E198 EPSEPEEEEEI	227	>MSH6-E198 APSEPEEEEEI	683	456
>MSH6-E198 LAVCDEPS	801	>MSH6-E198 LAVCDAPS	440	361
>MSH6-E198 ELAVCDEPS	363	>MSH6-E198 ELAVCDAPS	339	24
>MSH6-E198 LELAVCDE	5331	>MSH6-E198 LELAVCDA	316	5015
>MSH6-E198 LELAVCDE	15683	>MSH6-E198 LELAVCDA	478	15205
>MSH6-E198 RLELAVCDE	24013	>MSH6-E198 RLELAVCDA	228	23785
>MSH6-E198 KRLELAVCDE	2616	>MSH6-E198 KRLELAVCDA	425	2191
>MSH6-E198 KRLELAVCDE	711	>MSH6-E198 KRLELAVCDA	407	304
>MSH6-E198 KRLELAVCDE	1853	>MSH6-E198 KRLELAVCDA	430	1423
>MSH6-E201 EPEEEEEEM	31	>MSH6-E201 QPEEEEEEM	50	19
>MSH6-E201 EPEEEEEEM	215	>MSH6-E201 QPEEEEEEM	501	286
>MSH6-E201 SEPEEEEEEM	14376	>MSH6-E201 SQPEEEEEEM	491	13885
>MSH6-E201 SEPEEEEEEME	2602	>MSH6-E201 SQPEEEEEEME	36	2566
>MSH6-E201 SEPEEEEEEME	3551	>MSH6-E201 SQPEEEEEEME	106	3445
>MSH6-E201 SEPEEEEEEME	11996	>MSH6-E201 SQPEEEEEEME	435	11561
>MSH6-E201 SEPEEEEEEME	2641	>MSH6-E201 SQPEEEEEEME	85	2556
>MSH6-E201 SEPEEEEEEME	4125	>MSH6-E201 SQPEEEEEEME	309	3816
>MSH6-E201 EPSEPEEEEEI	21	>MSH6-E201 EPSQPEEEEEI	24	3
>MSH6-E201 EPSEPEEEEEI	227	>MSH6-E201 EPSQPEEEEEI	290	63
>MSH6-E484 EQTETPEM	2640	>MSH6-E484 KQTETPEM	80	2560
>MSH6-E484 EQTETPEMM	8664	>MSH6-E484 KQTETPEMM	369	8295
>MSH6-E484 EQTETPEMM	1132	>MSH6-E484 KQTETPEMM	33	1099
>MSH6-E484 EQTETPEM	747	>MSH6-E484 KQTETPEM	39	708
>MSH6-E484 EQTETPEMM	926	>MSH6-E484 KQTETPEMM	32	894
>MSH6-E484 VEQTETPEM	4139	>MSH6-E484 VKQTETPEM	103	4036
>MSH6-E484 VEQTETPEMI	4111	>MSH6-E484 VKQTETPEMI	132	3979

>MSH6-E484 VEQTETPEM	41	>MSH6-E484 VKQTETPEM	17706	17665
>MSH6-E484 VEQTETPEMI	48	>MSH6-E484 VKQTETPEMI	14390	14342
>MSH6-E484 RVEQTETPEN	4465	>MSH6-E484 RVKQTETPEN	29	4436
>MSH6-E484 RVEQTETPEN	10843	>MSH6-E484 RVKQTETPEN	243	10600
>MSH6-E484 RVEQTETPEN	6027	>MSH6-E484 RVKQTETPEN	314	5713
>MSH6-E484 RVEQTETPEN	306	>MSH6-E484 RVKQTETPEN	113	193
>MSH6-E484 RVEQTETPEN	621	>MSH6-E484 RVKQTETPEN	195	426
>MSH6-E484 RVEQTETPEN	76	>MSH6-E484 RVKQTETPEN	49	27
>MSH6-E484 ARVEQTETPE	298	>MSH6-E484 ARVKQTETPE	204	94
>MSH6-E484 ARVEQTETPE	474	>MSH6-E484 ARVKQTETPE	379	95
>MSH6-E484 GYKVARVE	7429	>MSH6-E484 GYKVARVK	15	7414
>MSH6-E484 KGYKVARVE	20279	>MSH6-E484 KGYKVARVK	110	20169
>MSH6-E484 KGYKVARVE	14586	>MSH6-E484 KGYKVARVK	285	14301
>MSH6-E487 ETPEMMEAR	163	>MSH6-E487 DTPEMMEAR	744	581
>MSH6-E487 ETPEMMEAR	106	>MSH6-E487 DTPEMMEAR	477	371
>MSH6-E487 ETPEMMEAR	149	>MSH6-E487 DTPEMMEAR	66	83
>MSH6-E487 ETPEMMEAR	627	>MSH6-E487 DTPEMMEAR	247	380
>MSH6-E487 ETPEMMEAR	5	>MSH6-E487 DTPEMMEAR	13	8
>MSH6-E487 ETPEMMEAR	11	>MSH6-E487 DTPEMMEAR	45	34
>MSH6-E487 ETPEMMEA	10	>MSH6-E487 DTPEMMEA	30	20
>MSH6-E487 ETPEMMEA	145	>MSH6-E487 DTPEMMEA	902	757
>MSH6-E487 TETPEMMEA	112	>MSH6-E487 TDTPEMMEA	20998	20886
>MSH6-E487 QTETPEMME	42	>MSH6-E487 QTDTPEMME	89	47
>MSH6-E487 QTETPEMM	4935	>MSH6-E487 QTDTPEMM	488	4447
>MSH6-E487 QTETPEMM	495	>MSH6-E487 QTDTPEMM	376	119
>MSH6-E487 VEQTETPEM	41	>MSH6-E487 VEQTDTPEM	59	18
>MSH6-E487 VEQTETPEMI	48	>MSH6-E487 VEQTDTPEM	73	25
>MSH6-E487 RVEQTETPEN	306	>MSH6-E487 RVEQTDTPEN	247	59
>MSH6-E487 RVEQTETPEN	621	>MSH6-E487 RVEQTDTPEN	348	273
>MSH6-E487 RVEQTETPEN	76	>MSH6-E487 RVEQTDTPEN	70	6
>MSH6-E487 ARVEQTETPE	298	>MSH6-E487 ARVEQTDTPE	430	132
>MSH6-E487 ARVEQTETPE	474	>MSH6-E487 ARVEQTDTPE	499	25
>MSH6-F265 ESDIGGSDVE	25	>MSH6-F265 ESDIGGSDVE	14099	14074
>MSH6-F265 DVEFKPDTK	227	>MSH6-F265 DVECKPDTK	620	393
>MSH6-F265 GSDVEFKPDT	437	>MSH6-F265 GSDVECKPDT	1114	677
>MSH6-F265 GSDVEFKPDT	487	>MSH6-F265 GSDVECKPDT	1374	887
>MSH6-F265 GGSDFEFK	312	>MSH6-F265 GGSDFECK	2261	1949
>MSH6-F265 DIGGSDVEFK	93	>MSH6-F265 DIGGSDVECK	1218	1125
>MSH6-G77C GKRLKQWL	322	>MSH6-G77C VKRLKQWL	2883	2561
>MSH6-G77C FGKRLKQWI	11538	>MSH6-G77C FVKRLKQWI	191	11347
>MSH6-G77C FGKRLKQW	1503	>MSH6-G77C FVKRLKQW	233	1270
>MSH6-G77C FGKRLKQW	220	>MSH6-G77C FVKRLKQW	214	6
>MSH6-G77C FGKRLKQW	1187	>MSH6-G77C FVKRLKQW	318	869

>MSH6-G77C TPFGRLL	125	>MSH6-G77C TPFVKRLL	634	509
>MSH6-G77C TPFGRLL	175	>MSH6-G77C TPFVKRLL	599	424
>MSH6-G77C TPFGRLL	381	>MSH6-G77C TPFVKRLL	1030	649
>MSH6-G77C TPFGRLLKQ	114	>MSH6-G77C TPFVKRLLKQ'	114	0
>MSH6-G77C TPFGRLLKQ	9	>MSH6-G77C TPFVKRLLKQ'	9	0
>MSH6-G77C HTPFGRLLK	42	>MSH6-G77C HTPFVKRLLK	39	3
>MSH6-G77C HTPFGRLLK	21	>MSH6-G77C HTPFVKRLLK	20	1
>MSH6-G77C HTPFGRLLK	60	>MSH6-G77C HTPFVKRLLK	64	4
>MSH6-G77C HTPFGRLLK	644	>MSH6-G77C HTPFVKRLLK	324	320
>MSH6-G77C HTPFGRLLK	22	>MSH6-G77C HTPFVKRLLK	12	10
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>MSH6-G77C HTPFGRLL	344	>MSH6-G77C HTPFVKRLL	50	294
>MSH6-G77C HTPFGRLL	395	>MSH6-G77C HTPFVKRLL	988	593
>MSH6-G77C HTPFGRLL	8	>MSH6-G77C HTPFVKRLL	37	29
>MSH6-G77C HTPFGRLL	23	>MSH6-G77C HTPFVKRLL	11	12
>MSH6-G77C CHTPFGR	416	>MSH6-G77C CHTPFVKR	107	309
>MSH6-G77C TCHTPFGK	666	>MSH6-G77C TCHTPFVK	365	301
>MSH6-G77C TCHTPFGK	2034	>MSH6-G77C TCHTPFVKR	363	1671
>MSH6-G77C TCHTPFGK	234	>MSH6-G77C TCHTPFVKR	50	184
>MSH6-G77C DTCHTPFGK	369	>MSH6-G77C DTCHTPFVK	314	55
>MSH6-G77C DTCHTPFGK	1328	>MSH6-G77C DTCHTPFVKR	348	980
>MSH6-G77C DTCHTPFGK	224	>MSH6-G77C DTCHTPFVK	164	60
>MSH6-G77C DTCHTPFGK	340	>MSH6-G77C DTCHTPFVKR	81	259
>MSH6-G77C DTCHTPFGK	22	>MSH6-G77C DTCHTPFVK	29	7
>MSH6-G77C DTCHTPFGK	237	>MSH6-G77C DTCHTPFVKR	33	204
>MSH6-G77C DTCHTPFG	12330	>MSH6-G77C DTCHTPFV	79	12251
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>MSH6-G77C DTCHTPFGK	376	>MSH6-G77C DTCHTPFVKR	364	12
>MSH6-G77C DTCHTPFGK	331	>MSH6-G77C DTCHTPFVK	464	133
>MSH6-G77C VDTCHTPFG	18740	>MSH6-G77C VDTCHTPFV	107	18633
>MSH6-G77C RVDTCHTPFC	21057	>MSH6-G77C RVDTCHTPFV	345	20712
>MSH6-G77C RVDTCHTPFC	18045	>MSH6-G77C RVDTCHTPFV	237	17808
>MSH6-G77C RVDTCHTPFC	19001	>MSH6-G77C RVDTCHTPFV	60	18941
>MSH6-G77C RVDTCHTPFC	19041	>MSH6-G77C RVDTCHTPFV	206	18835
>MSH6-G77C RVDTCHTPFC	19934	>MSH6-G77C RVDTCHTPFV	57	19877
>MSH6-G77C RVDTCHTPFC	24795	>MSH6-G77C RVDTCHTPFV	169	24626
>MSH6-G77C RVDTCHTPFC	32701	>MSH6-G77C RVDTCHTPFV	108	32593
>MSH6-G77C RVDTCHTPFC	111	>MSH6-G77C RVDTCHTPFV	110	1
>MSH6-G77C RVDTCHTPFC	30	>MSH6-G77C RVDTCHTPFV	28	2
>MSH6-G77C RVDTCHTPFC	536	>MSH6-G77C RVDTCHTPFV	359	177
>MSH6-G77C RVDTCHTPFC	432	>MSH6-G77C RVDTCHTPFV	298	134
>MSH6-G77C RVDTCHTPFC	19604	>MSH6-G77C RVDTCHTPFV	186	19418
>MSH6-G932 AGFSDYDQ	16285	>MSH6-G932 ADFSDYDQ	62	16223

>MSH6-G932AGFDSYDQ,	19469	>MSH6-G932ADFDSYDQ,	313	19156
>MSH6-G932KAGFDSY	65	>MSH6-G932KADFDSY	131	66
>MSH6-G932KAGFDSY	346	>MSH6-G932KADFDSY	1515	1169
>MSH6-G932KAGFDSY	1302	>MSH6-G932KADFDSY	439	863
>MSH6-G932PKAGFDSY	417	>MSH6-G932PKADFDSY	172	245
>MSH6-G932TPKAGFDSY	190	>MSH6-G932TPKADFDSY	644	454
>MSH6-G932TPKAGFDSY	839	>MSH6-G932TPKADFDSY	251	588
>MSH6-G932ITPKAGFDS'	265	>MSH6-G932ITPKADFSD'	280	15
>MSH6-G932ITPKAGFDS'	176	>MSH6-G932ITPKADFSD'	132	44
>MSH6-G932ITPKAGFDS'	154	>MSH6-G932ITPKADFSD'	182	28
>MSH6-G932ITPKAGFD	541	>MSH6-G932ITPKAFD	439	102
>MSH6-G932ITPKAGFDS	124	>MSH6-G932ITPKAFDS	871	747
>MSH6-G932ITPKAGFDS	362	>MSH6-G932ITPKAFDS	979	617
>MSH6-G932ITPKAGFDS'	206	>MSH6-G932ITPKADFSD'	587	381
>MSH6-G932ITPKAGFDS'	102	>MSH6-G932ITPKADFSD'	223	121
>MSH6-G932LITPKAGF	116	>MSH6-G932LITPKADF	615	499
>MSH6-G932GLITPKAGF	347	>MSH6-G932GLITPKADF	731	384
>MSH6-G932TGLITPKAGF	467	>MSH6-G932TGLITPKADF	2124	1657
>MSH6-G932KTGLITPKAGI	59	>MSH6-G932KTGLITPKADI	63	4
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>MSH6-G932KTGLITPKAGI	214	>MSH6-G932KTGLITPKADI	582	368
>MSH6-G932KTGLITPKAGI	245	>MSH6-G932KTGLITPKADI	427	182
>MSH6-G971GIGRNRQ	232	>MSH6-G971EIGRNRQ	2874	2642
>MSH6-G971GIGRNRQLE	14317	>MSH6-G971EIGRNRQLE	480	13837
>MSH6-G971WGIGRNR	842	>MSH6-G971WEIGRNR	471	371
>MSH6-G971WGIGRNR	15119	>MSH6-G971WEIGRNR	27	15092
>MSH6-G971WGIGRNRQ	2994	>MSH6-G971WEIGRNRQ	222	2772
>MSH6-G971WGIGRNRQ	31309	>MSH6-G971WEIGRNRQ	92	31217
>MSH6-G971WGIGRNRQ	17118	>MSH6-G971WEIGRNRQ	12	17106
>MSH6-G971YWGIGRNR	274	>MSH6-G971YWEIGRNR	512	238
>MSH6-G971YWGIGRNR	29	>MSH6-G971YWEIGRNR	135	106
>MSH6-G971YWGIGRNR	45	>MSH6-G971YWEIGRNR	333	288
>MSH6-G971YWGIGRNR	91	>MSH6-G971YWEIGRNR	163	72
>MSH6-G971YWGIGRNR	29	>MSH6-G971YWEIGRNR	53	24
>MSH6-G971YWGIGRNR	457	>MSH6-G971YWEIGRNR	348	109
>MSH6-G971VYWIGRNR	47	>MSH6-G971VYWEIGRNR	73	26
>MSH6-G971VYWIGRNR	28	>MSH6-G971VYWEIGRNR	48	20
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>MSH6-G971VYWIGRNR	109	>MSH6-G971VYWEIGRNR	78	31
>MSH6-G971VYWIGRNR	443	>MSH6-G971VYWEIGRNR	261	182
>MSH6-G971VYWIGRNR	26	>MSH6-G971VYWEIGRNR	38	12
>MSH6-G971VYWIGRNR	491	>MSH6-G971VYWEIGRNR	633	142
>MSH6-G971IVYWIGR	90	>MSH6-G971IVYWEIGR	206	116

>MSH6-G971IVYWGIGRNF	118	>MSH6-G971IVYWEIGRNR	380	262
>MSH6-G971IVYWGIGRNF	96	>MSH6-G971IVYWEIGRNR	149	53
>MSH6-G971IVYWGIGR	63	>MSH6-G971IVYWEIGR	112	49
>MSH6-G971IVYWGIGRNF	358	>MSH6-G971IVYWEIGRNR	482	124
>MSH6-G971IVYWGIGRNF	124	>MSH6-G971IVYWEIGRNR	127	3
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>MSH6-G971IVYWGIGRNF	8	>MSH6-G971IVYWEIGRNR	12	4
>MSH6-G971IVYWGIGR	43	>MSH6-G971IVYWEIGR	135	92
>MSH6-G971IVYWGIGRNF	19	>MSH6-G971IVYWEIGRNR	27	8
>MSH6-G971IVYWGIGR	113	>MSH6-G971IVYWEIGR	179	66
>MSH6-G971IVYWGIGRNF	167	>MSH6-G971IVYWEIGRNR	190	23
>MSH6-G971IVYWGIGR	19	>MSH6-G971IVYWEIGR	12	7
>MSH6-G971IVYWGIGRNF	22	>MSH6-G971IVYWEIGRNR	34	12
>MSH6-G971IVYWGIGRNF	400	>MSH6-G971IVYWEIGRNR	848	448
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>MSH6-G971IVYWGIGRNF	19	>MSH6-G971IVYWEIGRNR	35	16
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>MSH6-G971IVYWGIGRNF	24	>MSH6-G971IVYWEIGRNR	60	36
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>MSH6-G971TIVYWGIGR	430	>MSH6-G971TIVYWEIGR	742	312
>MSH6-G971TIVYWGIGR	347	>MSH6-G971TIVYWEIGR	770	423
>MSH6-G971TIVYWGIGRN	288	>MSH6-G971TIVYWEIGRN	409	121
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>MSH6-G971TIVYWGIGRN	506	>MSH6-G971TIVYWEIGRN	322	184
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>MSH6-G971TIVYWGIGR	337	>MSH6-G971TIVYWEIGR	281	56
>MSH6-G971TIVYWGIGRN	516	>MSH6-G971TIVYWEIGRN	489	27
>MSH6-G971RTIVYWGI	486	>MSH6-G971RTIVYWEI	1253	767
>MSH6-G971RTIVYWGI	704	>MSH6-G971RTIVYWEI	293	411
>MSH6-G971RTIVYWGI	32	>MSH6-G971RTIVYWEI	30	2
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>MSH6-G971RTIVYWGIGR	74	>MSH6-G971RTIVYWEIGR	147	73
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>MSH6-G971RTIVYWGI	868	>MSH6-G971RTIVYWEI	365	503
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>MSH6-G971RTIVYWGIGR	13	>MSH6-G971RTIVYWEIGR	18	5
>MSH6-G971RTIVYWGI	254	>MSH6-G971RTIVYWEI	143	111
>MSH6-G971RTIVYWGIGR	12	>MSH6-G971RTIVYWEIGR	18	6
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>MSH6-G971RTIVYWGI	65	>MSH6-G971RTIVYWEI	36	29
>MSH6-G971RTIVYWGIGR	265	>MSH6-G971RTIVYWEIGR	236	29
>MSH6-G971RTIVYWGIGR	385	>MSH6-G971RTIVYWEIGR	328	57
>MSH6-G971RTIVYWGI	20	>MSH6-G971RTIVYWEI	24	4
>MSH6-G971CRTIVYWGI	177	>MSH6-G971CRTIVYWEI	367	190
>MSH6-G971CRTIVYWGIG	235	>MSH6-G971CRTIVYWEIG	399	164
>MSH6-I258DIGGSDVEF	2276	>MSH6-I258DTGGSDVEF	268	2008
>MSH6-I258DIGGSDVEFK	93	>MSH6-I258DTGGSDVEFK	34	59
>MSH6-I258DIGGSDVEF	13625	>MSH6-I258DTGGSDVEF	315	13310
>MSH6-I258RRVISDSSESDI	129	>MSH6-I258RRVISDSSESDI	2977	2848
>MSH6-I258RRVISDSSESDI	260	>MSH6-I258RRVISDSSESDI	1427	1167
>MSH6-I258ESDIGGSDVE	25	>MSH6-I258ESDTGGSDVE	74	49
>MSH6-I258SESDIGGSDV	459	>MSH6-I258SESDTGGSDV	617	158
>MSH6-I258SESDIGGSDV	453	>MSH6-I258SESDTGGSDV	258	195
>MSH6-I258ISDSSESDI	461	>MSH6-I258ISDSSESDT	33663	33202
>MSH6-I258VISDSSESDI	162	>MSH6-I258VISDSSESDT	2362	2200
>MSH6-I258RVISDSSESDI	308	>MSH6-I258RVISDSSESDT	9692	9384
>MSH6-K187KIKRLELAV	487	>MSH6-K187TIKRLELAV	681	194
>MSH6-K187KIKRLELA	41	>MSH6-K187TIKRLELA	2661	2620
>MSH6-K187KIKRLELAV	21	>MSH6-K187TIKRLELAV	1607	1586
>MSH6-K187DKIKRLEL	19922	>MSH6-K187DTIKRLEL	320	19602
>MSH6-K187DKIKRLEL	13166	>MSH6-K187DTIKRLEL	69	13097
>MSH6-K187DKIKRLELAV	21137	>MSH6-K187DTIKRLELAV	260	20877
>MSH6-K187DKIKRLEL	12552	>MSH6-K187DTIKRLEL	299	12253
>MSH6-K187DKIKRLEL	21027	>MSH6-K187DTIKRLEL	271	20756
>MSH6-K187DKIKRLELA	19710	>MSH6-K187DTIKRLELA	169	19541
>MSH6-K187DKIKRLELAV	16833	>MSH6-K187DTIKRLELAV	140	16693
>MSH6-K187KDKIKRLEL	413	>MSH6-K187KDTIKRLEL	755	342
>MSH6-K187KDKIKRLELAV	1337	>MSH6-K187KDTIKRLELAV	205	1132
>MSH6-K187LNKDKIKRLEL	354	>MSH6-K187LNKDTIKRLEL	1936	1582
>MSH6-K187ALNKDKIKRL	1284	>MSH6-K187ALNKDTIKRL	478	806
>MSH6-K187ALNKDKIKRL	72	>MSH6-K187ALNKDTIKRL	33	39
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>MSH6-K187ALNKDKIKRL	366	>MSH6-K187ALNKDTIKRL	110	256
>MSH6-K187ALNKDKIKRL	1421	>MSH6-K187ALNKDTIKRL	248	1173
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>MSH6-K187ALNKDKIKR	1109	>MSH6-K187ALNKDTIKR	321	788
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>MSH6-K187ALNKDKIKR	124	>MSH6-K187ALNKDTIKR	275	151
>MSH6-K187EALNKDKIK	1214	>MSH6-K187EALNKDTIK	214	1000

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>MSH6-K187 DEALNKDK	516	>MSH6-K187 DEALNKDT	346	170
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>MSH6-K187 ADEALNKDKI	75	>MSH6-K187 ADEALNKDTI	49	26
>MSH6-K187 RADEALNKDKI	1290	>MSH6-K187 RADEALNKDTI	398	892
>MSH6-K187 RADEALNKDKI	231	>MSH6-K187 RADEALNKDTI	131	100
>MSH6-K247 KRRVISDS	258	>MSH6-K247 IRRVISDS	6041	5783
>MSH6-K247 KKRRVISD	1184	>MSH6-K247 KIRRVISD	109	1075
>MSH6-K247 KKRRVISDS	3661	>MSH6-K247 KIRRVISDS	80	3581
>MSH6-K247 KKRRVISDSE	6036	>MSH6-K247 KIRRVISDSE	438	5598
>MSH6-K247 KKRRVISDSES	2313	>MSH6-K247 KIRRVISDSES	49	2264
>MSH6-K247 KKRRVISDSES	483	>MSH6-K247 KIRRVISDSES	12846	12363
>MSH6-K247 GSRRSSRQIKI	115	>MSH6-K247 GSRRSSRQIKI	19224	19109
>MSH6-K247 GSRRSSRQIKI	4	>MSH6-K247 GSRRSSRQIKI	12	8
>MSH6-K247 GSRRSSRQIKI	12911	>MSH6-K247 GSRRSSRQIKI	121	12790
>MSH6-K247 GSRRSSRQIKI	5593	>MSH6-K247 GSRRSSRQIKI	365	5228
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>MSH6-K247 QIKKRRVI	282	>MSH6-K247 QIKIRRV	428	146
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>MSH6-K247 RQIKKRRV	574	>MSH6-K247 RQIKIRRV	60	514
>MSH6-K247 RQIKKRRVI	1460	>MSH6-K247 RQIKIRRV	179	1281
>MSH6-K247 RQIKKRRVI	521	>MSH6-K247 RQIKIRRV	399	122
>MSH6-K247 RQIKKRRV	474	>MSH6-K247 RQIKIRRV	207	267
>MSH6-K247 RQIKKRRVI	54	>MSH6-K247 RQIKIRRV	44	10
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>MSH6-K247 RQIKKRRVI	375	>MSH6-K247 RQIKIRRV	94	281
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>MSH6-K247 SRQIKKRRVI	954	>MSH6-K247 SRQIKIRRV	242	712
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>MSH6-K247 SRQIKKRRVI	426	>MSH6-K247 SRQIKIRRV	229	197
>MSH6-K247 SRQIKKRRV	343	>MSH6-K247 SRQIKIRRV	105	238
>MSH6-K247 SRQIKKRRVI	489	>MSH6-K247 SRQIKIRRV	174	315
>MSH6-K247 SSRQIKKR	740	>MSH6-K247 SSRQIKIR	331	409
>MSH6-K247 SSRQIKKRR	1650	>MSH6-K247 SSRQIKIRR	310	1340
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>MSH6-K247 SSRQIKRR	912	>MSH6-K247 SSRQIKIR	231	681
>MSH6-K247 SSRQIKRRVI	124	>MSH6-K247 SSRQIKIRRV	63	61
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>MSH6-K247 RSRQIKK	71	>MSH6-K247 RSRQIKI	16389	16318
>MSH6-K247 RSRQIKK	25	>MSH6-K247 RSRQIKI	18967	18942
>MSH6-K247 RSRQIKRR	3652	>MSH6-K247 RSRQIKIR	462	3190
>MSH6-K247 RSRQIKK	9	>MSH6-K247 RSRQIKI	92	83
>MSH6-K247 RSRQIKRR\	635	>MSH6-K247 RSRQIKIRRV	403	232
>MSH6-K247 RSRQIKK	236	>MSH6-K247 RSRQIKI	13592	13356
>MSH6-K247 RSRQIKKR	20	>MSH6-K247 RSRQIKIR	30	10
>MSH6-K247 RSRQIKRR	12	>MSH6-K247 RSRQIKIR	8	4
>MSH6-K247 RSRQIKK	15839	>MSH6-K247 RSRQIKI	306	15533
>MSH6-K247 RSRQIKRR	4738	>MSH6-K247 RSRQIKIR	474	4264
>MSH6-K247 RSRQIKK	11191	>MSH6-K247 RSRQIKI	55	11136
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>MSH6-K247 RSRQIKK	14871	>MSH6-K247 RSRQIKI	82	14789
>MSH6-K247 RSRQIKK	449	>MSH6-K247 RSRQIKI	12026	11577
>MSH6-K247 RSRQIKKR	455	>MSH6-K247 RSRQIKIR	523	68
>MSH6-K247 RSRQIKRR	536	>MSH6-K247 RSRQIKIR	284	252
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>MSH6-K247 RRSSRQIKKR	348	>MSH6-K247 RRSSRQIKIR	184	164
>MSH6-K247 RRSSRQIKKRI	495	>MSH6-K247 RRSSRQIKIR	248	247
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>MSH6-K247 RRSSRQIKKR	286	>MSH6-K247 RRSSRQIKIR	160	126
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>MSH6-K247 RRSSRQIKKR	257	>MSH6-K247 RRSSRQIKIR	265	8
>MSH6-K247 RRSSRQIKKRI	295	>MSH6-K247 RRSSRQIKIR	140	155
>MSH6-K247 SRRSSRQIKK	18	>MSH6-K247 SRRSSRQIKI	459	441
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>MSH6-K247 SRRSSRQIKK	183	>MSH6-K247 SRRSSRQIKI	144	39
>MSH6-L109 LVYNHPFDG\	149	>MSH6-L109 VVYNHPFDG\	43	106
>MSH6-L109 LVYNHPFDG\	376	>MSH6-L109 VVYNHPFDG\	1009	633
>MSH6-L109 LVYNHPFDG\	432	>MSH6-L109 VVYNHPFDG\	1626	1194

>MSH6-L109 LVYNHPFDG1	412	>MSH6-L109 VVYNHPFDG`	175	237
>MSH6-L109 LVYNHPFDG1	241	>MSH6-L109 VVYNHPFDG`	298	57
>MSH6-L109 LVYNHPFDG1	121	>MSH6-L109 VVYNHPFDG`	64	57
>MSH6-L109 LVYNHPFDG1	67	>MSH6-L109 VVYNHPFDG`	174	107
>MSH6-L109 LVYNHPFDG1	264	>MSH6-L109 VVYNHPFDG`	249	15
>MSH6-L109 LVYNHPFDG1	113	>MSH6-L109 VVYNHPFDG`	173	60
>MSH6-L109 LVYNHPFDG1	17	>MSH6-L109 VVYNHPFDG`	17	0
>MSH6-L109 LVYNHPFDG1	45	>MSH6-L109 VVYNHPFDG`	106	61
>MSH6-L109 LVYNHPFDG1	341	>MSH6-L109 VVYNHPFDG`	678	337
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>MSH6-L109 CLVYNHPP	364	>MSH6-L109 CVVYNHPP	430	66
>MSH6-L109 CLVYNHPP	661	>MSH6-L109 CVVYNHPP	17	644
>MSH6-L109 CLVYNHPP	177	>MSH6-L109 CVVYNHPP	514	337
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>MSH6-L109 KMEGYPWW	33	>MSH6-L109 KMEGYPWW	18	15
>MSH6-L109 KMEGYPWW	80	>MSH6-L109 KMEGYPWW	73	7
>MSH6-L109 KMEGYPWW	2229	>MSH6-L109 KMEGYPWW	238	1991
>MSH6-L109 KMEGYPWW	180	>MSH6-L109 KMEGYPWW	29	151
>MSH6-L109 KMEGYPWW	11	>MSH6-L109 KMEGYPWW	3	8
>MSH6-L109 KMEGYPWW	50	>MSH6-L109 KMEGYPWW	11	39
>MSH6-L109 KMEGYPWW	24	>MSH6-L109 KMEGYPWW	6	18
>MSH6-L109 KMEGYPWW	136	>MSH6-L109 KMEGYPWW	10	126
>MSH6-L109 KMEGYPWW	12	>MSH6-L109 KMEGYPWW	4	8
>MSH6-L109 KMEGYPWW	479	>MSH6-L109 KMEGYPWW	5510	5031
>MSH6-L109 WPCLVYNHP	645	>MSH6-L109 WPCVVYNHP	318	327
>MSH6-L109 WPCLVYNH	245	>MSH6-L109 WPCVVYNH	280	35
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>MSH6-L109 WPCLVYNHP	383	>MSH6-L109 WPCVVYNHP	516	133
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>MSH6-L109 WPCLVYNHP	94	>MSH6-L109 WPCVVYNHP	45	49
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>MSH6-L109 WWPCLVYNI	98	>MSH6-L109 WWPCVVYNI	74	24
>MSH6-L109 WWPCLVYNI	7	>MSH6-L109 WWPCVVYNI	6	1
>MSH6-L109 WWPCLVYN	296	>MSH6-L109 WWPCVVYN	556	260
>MSH6-L109 WWPCLVYNI	256	>MSH6-L109 WWPCVVYNI	843	587
>MSH6-L109 PWWPCLVY	18	>MSH6-L109 PWWPCVVY	56	38
>MSH6-L109 PWWPCLVY	199	>MSH6-L109 PWWPCVVY	281	82
>MSH6-L109 PWWPCLVYN	159	>MSH6-L109 PWWPCVVYI	128	31
>MSH6-L109 PWWPCLVYN	276	>MSH6-L109 PWWPCVVYI	336	60
>MSH6-L109 PWWPCLVY	442	>MSH6-L109 PWWPCVVY	448	6
>MSH6-L109 PWWPCLVYN	462	>MSH6-L109 PWWPCVVYI	470	8

>MSH6-L109 YPWWPCLV	47	>MSH6-L109 YPWWPCVV	49	2
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>MSH6-L109 YPWWPCLV	262	>MSH6-L109 YPWWPCVV	366	104
>MSH6-L109 YPWWPCLVY	17	>MSH6-L109 YPWWPCVV\	101	84
>MSH6-L109 YPWWPCLV	20	>MSH6-L109 YPWWPCVV	35	15
>MSH6-L109 YPWWPCLV	162	>MSH6-L109 YPWWPCVV	38	124
>MSH6-L109 YPWWPCLVY	162	>MSH6-L109 YPWWPCVV\	231	69
>MSH6-L109 YPWWPCLVY	371	>MSH6-L109 YPWWPCVV\	415	44
>MSH6-L109 YPWWPCLVY	276	>MSH6-L109 YPWWPCVV\	161	115
>MSH6-L109 YPWWPCLVY	448	>MSH6-L109 YPWWPCVV\	506	58
>MSH6-L109 YPWWPCLV	168	>MSH6-L109 YPWWPCVV	55	113
>MSH6-L109 YPWWPCLVY	7	>MSH6-L109 YPWWPCVV\	7	0
>MSH6-L109 YPWWPCLVY	17	>MSH6-L109 YPWWPCVV\	17	0
>MSH6-L109 YPWWPCLV	154	>MSH6-L109 YPWWPCVV	172	18
>MSH6-L109 YPWWPCLV	274	>MSH6-L109 YPWWPCVV	403	129
>MSH6-L109 YPWWPCLVY	136	>MSH6-L109 YPWWPCVV\	170	34
>MSH6-L109 YPWWPCLV	11	>MSH6-L109 YPWWPCVV	10	1
>MSH6-L109 YPWWPCLVY	192	>MSH6-L109 YPWWPCVV\	66	126
>MSH6-L109 YPWWPCLVY	409	>MSH6-L109 YPWWPCVV\	198	211
>MSH6-L109 YPWWPCLVY	103	>MSH6-L109 YPWWPCVV\	182	79
>MSH6-L109 YPWWPCLVY	100	>MSH6-L109 YPWWPCVV\	29	71
>MSH6-L109 GYPWWPCL	2972	>MSH6-L109 GYPWWPCV	271	2701
>MSH6-L109 GYPWWPCL\	32	>MSH6-L109 GYPWWPCV\	34	2
>MSH6-L109 GYPWWPCL	1783	>MSH6-L109 GYPWWPCV	76	1707
>MSH6-L109 GYPWWPCL\	79	>MSH6-L109 GYPWWPCV\	109	30
>MSH6-L109 GYPWWPCL	4145	>MSH6-L109 GYPWWPCV	207	3938
>MSH6-L109 GYPWWPCL\	50	>MSH6-L109 GYPWWPCV\	74	24
>MSH6-L109 GYPWWPCL	434	>MSH6-L109 GYPWWPCV	2382	1948
>MSH6-L109 GYPWWPCL	87	>MSH6-L109 GYPWWPCV	352	265
>MSH6-L109 GYPWWPCL\	151	>MSH6-L109 GYPWWPCV\	285	134
>MSH6-L109 GYPWWPCL	44	>MSH6-L109 GYPWWPCV	847	803
>MSH6-L109 GYPWWPCL\	471	>MSH6-L109 GYPWWPCV\	265	206
>MSH6-L109 GYPWWPCL\	260	>MSH6-L109 GYPWWPCV\	175	85
>MSH6-L109 GYPWWPCL\	40	>MSH6-L109 GYPWWPCV\	70	30
>MSH6-L109 GYPWWPCL\	733	>MSH6-L109 GYPWWPCV\	455	278
>MSH6-L109 GYPWWPCL\	338	>MSH6-L109 GYPWWPCV\	512	174
>MSH6-L109 GYPWWPCL	379	>MSH6-L109 GYPWWPCV	558	179
>MSH6-L109 GYPWWPCL\	271	>MSH6-L109 GYPWWPCV\	418	147
>MSH6-L109 EGYWWPCL	190	>MSH6-L109 EGYWWPC\	313	123
>MSH6-L109 EGYWWPCL	589	>MSH6-L109 EGYWWPC\	472	117
>MSH6-L109 EGYWWPCL	434	>MSH6-L109 EGYWWPC\	1441	1007
>MSH6-L109 EGYWWPCL	169	>MSH6-L109 EGYWWPC\	185	16
>MSH6-L109 EGYWWPCL	2197	>MSH6-L109 EGYWWPC\	95	2102

>MSH6-L109 EGYPWWPCL	201	>MSH6-L109 EGYPWWPC\	307	106
>MSH6-L109 EGYPWWPCL	116	>MSH6-L109 EGYPWWPC\	521	405
>MSH6-L109 EGYPWWPCL	741	>MSH6-L109 EGYPWWPC\	48	693
>MSH6-L109 EGYPWWPCL	19	>MSH6-L109 EGYPWWPC\	46	27
>MSH6-L109 EGYPWWPCL	436	>MSH6-L109 EGYPWWPC\	593	157
>MSH6-L109 EGYPWWPCL	321	>MSH6-L109 EGYPWWPC\	630	309
>MSH6-L109 EGYPWWPCL	71	>MSH6-L109 EGYPWWPC\	76	5
>MSH6-L109 MEGYPWWP	713	>MSH6-L109 MEGYPWWP	325	388
>MSH6-L109 MEGYPWWP	233	>MSH6-L109 MEGYPWWP	733	500
>MSH6-L109 MEGYPWWP	275	>MSH6-L109 MEGYPWWP	572	297
>MSH6-L109 MEGYPWWP	871	>MSH6-L109 MEGYPWWP	479	392
>MSH6-L109 MEGYPWWP	770	>MSH6-L109 MEGYPWWP	244	526
>MSH6-L109 MEGYPWWP	135	>MSH6-L109 MEGYPWWP	70	65
>MSH6-L109 MEGYPWWP	55	>MSH6-L109 MEGYPWWP	68	13
>MSH6-L109 MEGYPWWP	19	>MSH6-L109 MEGYPWWP	32	13
>MSH6-P42S PSPGGDAAW	2024	>MSH6-P42S SSPGGDAAW	107	1917
>MSH6-P42S PSPGGDAAW	5142	>MSH6-P42S SSPGGDAAW	482	4660
>MSH6-P42S SPSPGGDA	358	>MSH6-P42S SSSPGGDA	24255	23897
>MSH6-P42S SPSPGGDAA	50	>MSH6-P42S SSSPGGDAA	19096	19046
>MSH6-P42S SPSPGGDAA\	460	>MSH6-P42S SSSPGGDAA\	30839	30379
>MSH6-P42S SPSPGGDAA\	2887	>MSH6-P42S SSSPGGDAA\	6	2881
>MSH6-P42S SPSPGGDAA	270	>MSH6-P42S SSSPGGDAA	7902	7632
>MSH6-P42S SPSPGGDAA\	463	>MSH6-P42S SSSPGGDAA\	17672	17209
>MSH6-P42S SPSPGGDAA	154	>MSH6-P42S SSSPGGDAA	27658	27504
>MSH6-P42S SPSPGGDAA\	14722	>MSH6-P42S SSSPGGDAA\	159	14563
>MSH6-P42S SPSPGGDAA\	9074	>MSH6-P42S SSSPGGDAA\	20	9054
>MSH6-P42S SPSPGGDAA\	15	>MSH6-P42S SSSPGGDAA\	1027	1012
>MSH6-P42S ASPSPGGDA/	59	>MSH6-P42S ASSSPGGDA/	6	53
>MSH6-P42S ASPSPGGDA/	3655	>MSH6-P42S ASSSPGGDA/	69	3586
>MSH6-P42S ASPSPGGDA/	206	>MSH6-P42S ASSSPGGDA/	11772	11566
>MSH6-P623 IPGSQFWDA	22954	>MSH6-P623 ILGSQFWDA	320	22634
>MSH6-P623 IPGSQFWDA	31413	>MSH6-P623 ILGSQFWDA	127	31286
>MSH6-P623 IPGSQFWDA	23787	>MSH6-P623 ILGSQFWDA	360	23427
>MSH6-P623 IPGSQFWDA	21166	>MSH6-P623 ILGSQFWDA	153	21013
>MSH6-P623 IPGSQFWDA	26167	>MSH6-P623 ILGSQFWDA	68	26099
>MSH6-P623 IPGSQFWDA	22956	>MSH6-P623 ILGSQFWDA	98	22858
>MSH6-P623 IPGSQFWDA	22949	>MSH6-P623 ILGSQFWDA	43	22906
>MSH6-P623 IPGSQFWDA	30776	>MSH6-P623 ILGSQFWDA	6	30770
>MSH6-P623 IPGSQFWDA:	16018	>MSH6-P623 ILGSQFWDA:	119	15899
>MSH6-P623 IPGSQFWDA:	14121	>MSH6-P623 ILGSQFWDA:	370	13751
>MSH6-P623 IPGSQFWDA	210	>MSH6-P623 ILGSQFWDA	30829	30619
>MSH6-P623 LSCSLQEGLIP	21359	>MSH6-P623 LSCSLQEGLIL	163	21196
>MSH6-P623 LSCSLQEGLIP	10283	>MSH6-P623 LSCSLQEGLIL	224	10059

>MSH6-P623 LSCSLQEGLIP	24037	>MSH6-P623 LSCSLQEGLIL	190	23847
>MSH6-P623 LIPGSQFWD/	4175	>MSH6-P623 LILGSQFWD/	278	3897
>MSH6-P623 LIPGSQFWD/	252	>MSH6-P623 LILGSQFWD/	63	189
>MSH6-P623 LIPGSQFWD/	1785	>MSH6-P623 LILGSQFWD/	223	1562
>MSH6-P623 LIPGSQFWD/	1947	>MSH6-P623 LILGSQFWD/	153	1794
>MSH6-P623 LIPGSQFWD/	29	>MSH6-P623 LILGSQFWD/	16	13
>MSH6-P623 LIPGSQFW	2593	>MSH6-P623 LILGSQFW	62	2531
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>MSH6-P623 LIPGSQFW	1171	>MSH6-P623 LILGSQFW	24	1147
>MSH6-P623 LIPGSQFW	444	>MSH6-P623 LILGSQFW	160	284
>MSH6-P623 GLIPGSQFWE	116	>MSH6-P623 GLILGSQFWE	325	209
>MSH6-P623 GLIPGSQFWE	93	>MSH6-P623 GLILGSQFWE	223	130
>MSH6-P623 GLIPGSQFWE	25	>MSH6-P623 GLILGSQFWE	94	69
>MSH6-P623 GLIPGSQFWE	29	>MSH6-P623 GLILGSQFWE	139	110
>MSH6-P623 GLIPGSQFWE	82	>MSH6-P623 GLILGSQFWE	413	331
>MSH6-P623 GLIPGSQFWE	14	>MSH6-P623 GLILGSQFWE	40	26
>MSH6-P623 GLIPGSQFWE	23	>MSH6-P623 GLILGSQFWE	88	65
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>MSH6-P623 GLIPGSQF	395	>MSH6-P623 GLILGSQF	987	592
>MSH6-P623 GLIPGSQF	52	>MSH6-P623 GLILGSQF	103	51
>MSH6-P623 GLIPGSQF	87	>MSH6-P623 GLILGSQF	252	165
>MSH6-P623 GLIPGSQF	129	>MSH6-P623 GLILGSQF	468	339
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>MSH6-P623 GLIPGSQFW	15	>MSH6-P623 GLILGSQFW	132	117
>MSH6-P623 GLIPGSQFW	312	>MSH6-P623 GLILGSQFW	1933	1621
>MSH6-P623 EGLIPGSQF	260	>MSH6-P623 EGLILGSQF	506	246
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>MSH6-P623 EGLIPGSQF	157	>MSH6-P623 EGLILGSQF	175	18
>MSH6-P623 QEGLIPGSQF	1614	>MSH6-P623 QEGLILGSQF	320	1294
>MSH6-P623 QEGLIPGSQF	207	>MSH6-P623 QEGLILGSQF'	72	135
>MSH6-P623 QEGLIPGSQF	137	>MSH6-P623 QEGLILGSQF	75	62
>MSH6-P623 QEGLIPGSQF	129	>MSH6-P623 QEGLILGSQF'	116	13
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>MSH6-P623 LQEGLIPGSQ	133	>MSH6-P623 LQEGLILGSQI	107	26
>MSH6-P623 LQEGLIPGSQ	154	>MSH6-P623 LQEGLILGSQI	183	29
>MSH6-P623 SLQEGLIP	17951	>MSH6-P623 SLQEGLIL	78	17873
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>MSH6-P623 SLQEGLIP	14339	>MSH6-P623 SLQEGLIL	307	14032
>MSH6-P623 SLQEGLIP	7227	>MSH6-P623 SLQEGLIL	27	7200
>MSH6-P623 SLQEGLIPG	347	>MSH6-P623 SLQEGLILG	748	401
>MSH6-P623 SLQEGLIPGS	92	>MSH6-P623 SLQEGLILGS	174	82

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>MSH6-P623 SLQEGLIP	5775	>MSH6-P623 SLQEGLIL	5	5770
>MSH6-P623 SLQEGLIPGS	58	>MSH6-P623 SLQEGLILGS	126	68
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>MSH6-P623 CSLQEGLIP	20584	>MSH6-P623 CSLQEGLIL	277	20307
>MSH6-P623 CSLQEGLIP	16127	>MSH6-P623 CSLQEGLIL	74	16053
>MSH6-R102 RRDVSLKDCN	117	>MSH6-R102 WRDVSLKDC	490	373
>MSH6-R102 RRDVSLKDCN	329	>MSH6-R102 WRDVSLKDC	1684	1355
>MSH6-R102 RRDVSLKDCN	295	>MSH6-R102 WRDVSLKDC	1104	809
>MSH6-R102 ERRDVSLKDC	37117	>MSH6-R102 EWRDVSLKDC	371	36746
>MSH6-R102 KLANLINAEEI	55	>MSH6-R102 KLANLINAEEI	15457	15402
>MSH6-R102 KLANLINAEEI	3585	>MSH6-R102 KLANLINAEEI	47	3538
>MSH6-R102 KLANLINAEEI	25292	>MSH6-R102 KLANLINAEEI	347	24945
>MSH6-R102 KLANLINAEEI	21307	>MSH6-R102 KLANLINAEEI	27	21280
>MSH6-R102 KLANLINAEEI	115	>MSH6-R102 KLANLINAEEI	30559	30444
>MSH6-R102 EERRDVSL	121	>MSH6-R102 EEWRDVSL	160	39
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>MSH6-R102 AEERRDVSLK	586	>MSH6-R102 AEEWRDVSLI	317	269
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>MSH6-R102 NAEERRDVSL	133	>MSH6-R102 NAEWRDVS	105	28
>MSH6-R102 LINAEEERRDV	2251	>MSH6-R102 LINAEEWRD\	216	2035
>MSH6-R102 LINAEEERRDV	103	>MSH6-R102 LINAEEWRD\	42	61
>MSH6-R102 LINAEEERR	241	>MSH6-R102 LINAEEWR	84	157
>MSH6-R102 NLINAEEERRD	304	>MSH6-R102 NLINAEEWRI	135	169
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>MSH6-R102 NLINAEEERRD	406	>MSH6-R102 NLINAEEWRI	204	202
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>MSH6-R102 LANLINAEEER	351	>MSH6-R102 LANLINAEEW	31265	30914
>MSH6-R102 LANLINAEEERI	156	>MSH6-R102 LANLINAEEW	112	44
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>MSH6-R102 LANLINAEEERI	37	>MSH6-R102 LANLINAEEW	20	17
>MSH6-R102 LANLINAEEER	20416	>MSH6-R102 LANLINAEEW	45	20371
>MSH6-R102 LANLINAEEER	23074	>MSH6-R102 LANLINAEEW	78	22996

>MSH6-R102 LANLINAEEER	20441	>MSH6-R102 LANLINAEEW	13	20428
>MSH6-R102 LANLINAEEER	27991	>MSH6-R102 LANLINAEEW	39	27952
>MSH6-R103 RRLFYNFDKN	27	>MSH6-R103 QRLFYNFDKN	129	102
>MSH6-R103 RRLFYNFDK	29	>MSH6-R103 QRLFYNFDK	168	139
>MSH6-R103 RRLFYNFDKN	128	>MSH6-R103 QRLFYNFDKN	2908	2780
>MSH6-R103 RRLFYNFDKN	38	>MSH6-R103 QRLFYNFDKN	329	291
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>MSH6-R103 RRLFYNFDK	80	>MSH6-R103 QRLFYNFDK	783	703
>MSH6-R103 RRLFYNFDKN	456	>MSH6-R103 QRLFYNFDKN	2462	2006
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>MSH6-R103 MRRLFYNFDI	28	>MSH6-R103 MQRLFYNF	8	20
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>MSH6-R103 MRRLFYNF	468	>MSH6-R103 MQRLFYNF	3311	2843
>MSH6-R103 CMRRLFYNF	264	>MSH6-R103 CMQRLFYNF	325	61
>MSH6-R103 CMRRLFYNF	88	>MSH6-R103 CMQRLFYNF	398	310
>MSH6-R103 CMRRLFYNF	357	>MSH6-R103 CMQRLFYNF	28	329
>MSH6-R103 CMRRLFYNF	52	>MSH6-R103 CMQRLFYNF	28	24
>MSH6-R103 CMRRLFYNF	516	>MSH6-R103 CMQRLFYNF	160	356
>MSH6-R103 CMRRLFYNF	90	>MSH6-R103 CMQRLFYNF	12	78
>MSH6-R103 CMRRLFYNF	16	>MSH6-R103 CMQRLFYNF	4220	4204
>MSH6-R103 CMRRLFYNF	65	>MSH6-R103 CMQRLFYNF	120	55
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>MSH6-R103 CMRRLFYNF	103	>MSH6-R103 CMQRLFYNF	188	85
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>MSH6-R103 DCMRRLFYNF	644	>MSH6-R103 DCMQRLFY	470	174
>MSH6-R103 DCMRRLFY	196	>MSH6-R103 DCMQRLFY	149	47
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>MSH6-R103 KDCMRRLFY	147	>MSH6-R103 KDCMQRLFY	117	30
>MSH6-R103 LKDCMRRLFY	209	>MSH6-R103 LKDCMQRLFY	169	40
>MSH6-R103 LKDCMRRLFY	303	>MSH6-R103 LKDCMQRLFY	376	73

>MSH6-R103 SLKDCMRRL	1204	>MSH6-R103 SLKDCMQRL	152	1052
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>MSH6-R103 SLKDCMRRL	8	>MSH6-R103 SLKDCMQRL	3	5
>MSH6-R103 SLKDCMRRLF	345	>MSH6-R103 SLKDCMQRLI	466	121
>MSH6-R103 SLKDCMRRLF	67	>MSH6-R103 SLKDCMQRLI	47	20
>MSH6-R103 SLKDCMRRLF	372	>MSH6-R103 SLKDCMQRLI	341	31
>MSH6-R103 SLKDCMRRLF	38	>MSH6-R103 SLKDCMQRLI	33	5
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>MSH6-R103 SLKDCMRR	853	>MSH6-R103 SLKDCMQR	484	369
>MSH6-R103 SLKDCMRRLF	27	>MSH6-R103 SLKDCMQRLI	18	9
>MSH6-R103 SLKDCMRRLF	299	>MSH6-R103 SLKDCMQRLI	241	58
>MSH6-R103 SLKDCMRRLF	109	>MSH6-R103 SLKDCMQRLI	88	21
>MSH6-R103 SLKDCMRRLF	497	>MSH6-R103 SLKDCMQRLI	455	42
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>MSH6-R103 SLKDCMRR	195	>MSH6-R103 SLKDCMQR	231	36
>MSH6-R103 VSLKDCMR	462	>MSH6-R103 VSLKDCMQ	20833	20371
>MSH6-R103 VSLKDCMRRI	90	>MSH6-R103 VSLKDCMQR	100	10
>MSH6-R103 VSLKDCMRRI	35	>MSH6-R103 VSLKDCMQR	26	9
>MSH6-R103 VSLKDCMRRI	24	>MSH6-R103 VSLKDCMQR	20	4
>MSH6-R103 VSLKDCMRRI	1456	>MSH6-R103 VSLKDCMQR	327	1129
>MSH6-R103 VSLKDCMRRI	26	>MSH6-R103 VSLKDCMQR	28	2
>MSH6-R103 VSLKDCMRR	445	>MSH6-R103 VSLKDCMQR	433	12
>MSH6-R103 DVSLKDCMR	34	>MSH6-R103 DVSLKDCMQ	9675	9641
>MSH6-R103 DVSLKDCMR	200	>MSH6-R103 DVSLKDCMQ	134	66
>MSH6-R103 DVSLKDCMR	20	>MSH6-R103 DVSLKDCMQ	4168	4148
>MSH6-R103 DVSLKDCMR	92	>MSH6-R103 DVSLKDCMQ	86	6
>MSH6-R58S RPLARSASPP	288	>MSH6-R58S SPLARSASPP	3062	2774
>MSH6-R58S RPLARSAS	206	>MSH6-R58S SPLARSAS	1194	988
>MSH6-R58S AAWSEAGPG	98	>MSH6-R58S AAWSEAGPG	20956	20858
>MSH6-R58S GPRPLARSA	27	>MSH6-R58S GPSPLARSA	454	427
>MSH6-R58S PGPRPLARSA	569	>MSH6-R58S PGPSPLARSA	369	200
>MSH6-R58S EAGPGRPLA	329	>MSH6-R58S EAGPGPSPLA	134	195
>MSH6-R58S EAGPGRPL	3016	>MSH6-R58S EAGPGPSPL	360	2656
>MSH6-R58S EAGPGRPL	985	>MSH6-R58S EAGPGPSPL	224	761
>MSH6-R58S EAGPGRPLA	1379	>MSH6-R58S EAGPGPSPLA	438	941
>MSH6-R58S SEAGPGRPL	845	>MSH6-R58S SEAGPGPSPL	176	669
>MSH6-R58S SEAGPGRPL	172	>MSH6-R58S SEAGPGPSPL	147	25
>MSH6-R58S SEAGPGRPL	473	>MSH6-R58S SEAGPGPSPL	745	272



>MSH6-R58S SEAGPGPR	2657	>MSH6-R58S SEAGPGPS	351	2306
>MSH6-R58S SEAGPGPRPL	18	>MSH6-R58S SEAGPGPSPL	15	3
>MSH6-R58S SEAGPGPRPL	227	>MSH6-R58S SEAGPGPSPL	202	25
>MSH6-R58S WSEAGPGPR	66	>MSH6-R58S WSEAGPGPS	28	38
>MSH6-R58S WSEAGPGPR	261	>MSH6-R58S WSEAGPGPS	76	185
>MSH6-R58S WSEAGPGPR	2083	>MSH6-R58S WSEAGPGPS	226	1857
>MSH6-R58S AWSEAGPGP	168	>MSH6-R58S AWSEAGPGP	28992	28824
>MSH6-R644 REKLSDGI	299	>MSH6-R644 SEKLSDGI	16	283
>MSH6-R644 REKLSDGI	110	>MSH6-R644 SEKLSDGI	872	762
>MSH6-R644 REKLSDGIGVI	161	>MSH6-R644 SEKLSDGIGVI	1199	1038
>MSH6-R644 REKLSDGI	184	>MSH6-R644 SEKLSDGI	586	402
>MSH6-R644 REKLSDGIGVI	142	>MSH6-R644 SEKLSDGIGVI	427	285
>MSH6-R644 REKLSDGI	51	>MSH6-R644 SEKLSDGI	96	45
>MSH6-R644 REKLSDGIGV	193	>MSH6-R644 SEKLSDGIGV	1084	891
>MSH6-R644 REKLSDGIGVI	68	>MSH6-R644 SEKLSDGIGVI	416	348
>MSH6-R644 FREKLSDGI	417	>MSH6-R644 FSEKLSDGI	1578	1161
>MSH6-R644 FREKLSDGI	11141	>MSH6-R644 FSEKLSDGI	135	11006
>MSH6-R644 LRTLLEEEYFR	471	>MSH6-R644 LRTLLEEEYFS	3755	3284
>MSH6-R644 YFREKLSDGI	805	>MSH6-R644 YFSEKLSDGI	151	654
>MSH6-R644 EYFREKLSDGI	67	>MSH6-R644 EYFSEKLSDGI	72	5
>MSH6-R644 EEYFREKL	885	>MSH6-R644 EEYFSEKL	165	720
>MSH6-R644 EEYFREKL	260	>MSH6-R644 EEYFSEKL	75	185
>MSH6-R644 EEYFREKLS	1772	>MSH6-R644 EEYFSEKLS	395	1377
>MSH6-R644 EEEYFREKL	325	>MSH6-R644 EEEYFSEKL	213	112
>MSH6-R644 EEEYFREKL	42	>MSH6-R644 EEEYFSEKL	35	7
>MSH6-R644 EEEYFREK	455	>MSH6-R644 EEEYFSEK	431	24
>MSH6-R644 EEEYFREKLS	119	>MSH6-R644 EEEYFSEKLS	165	46
>MSH6-R644 LEEYFREKL	115	>MSH6-R644 LEEYFSEKL	99	16
>MSH6-R644 LEEYFREKL	126	>MSH6-R644 LEEYFSEKL	178	52
>MSH6-R644 LLEEEYFREKL	1101	>MSH6-R644 LLEEEYFSEKL	442	659
>MSH6-R644 LLEEEYFR	3837	>MSH6-R644 LLEEEYFS	376	3461
>MSH6-R644 LLEEEYFREKL	30	>MSH6-R644 LLEEEYFSEKL	13	17
>MSH6-R644 LLEEEYFREKL	1018	>MSH6-R644 LLEEEYFSEKL	447	571
>MSH6-R644 LLEEEYFREKL	126	>MSH6-R644 LLEEEYFSEKL	40	86
>MSH6-R644 LLEEEYFREKL	369	>MSH6-R644 LLEEEYFSEKL	67	302
>MSH6-R644 LLEEEYFREKL	976	>MSH6-R644 LLEEEYFSEKL	373	603
>MSH6-R644 LLEEEYFREK	1712	>MSH6-R644 LLEEEYFSEK	318	1394
>MSH6-R644 LLEEEYFREKL	8	>MSH6-R644 LLEEEYFSEKL	7	1
>MSH6-R644 LLEEEYFR	199	>MSH6-R644 LLEEEYFS	19946	19747
>MSH6-R644 LLEEEYFR	243	>MSH6-R644 LLEEEYFS	29430	29187
>MSH6-R644 LLEEEYFR	178	>MSH6-R644 LLEEEYFS	32000	31822
>MSH6-R644 LLEEEYFR	272	>MSH6-R644 LLEEEYFS	30230	29958
>MSH6-R644 TLLEEEYFR	11909	>MSH6-R644 TLLEEEYFS	499	11410

>MSH6-R644 TLLEEEYFR	3125	>MSH6-R644 TLLEEEYFS	197	2928
>MSH6-R644 TLLEEEYFR	7147	>MSH6-R644 TLLEEEYFS	342	6805
>MSH6-R644 TLLEEEYFR	6522	>MSH6-R644 TLLEEEYFS	410	6112
>MSH6-R644 TLLEEEYFREK	500	>MSH6-R644 TLLEEEYFSEK	251	249
>MSH6-R644 TLLEEEYFREK	125	>MSH6-R644 TLLEEEYFSEK	43	82
>MSH6-R644 TLLEEEYFR	90	>MSH6-R644 TLLEEEYFS	18876	18786
>MSH6-R644 TLLEEEYFR	36	>MSH6-R644 TLLEEEYFS	20465	20429
>MSH6-R644 TLLEEEYFR	36	>MSH6-R644 TLLEEEYFS	23983	23947
>MSH6-R644 TLLEEEYFREK	1265	>MSH6-R644 TLLEEEYFSEK	351	914
>MSH6-R644 TLLEEEYFR	62	>MSH6-R644 TLLEEEYFS	18930	18868
>MSH6-R644 RTLLEEEYFR	39	>MSH6-R644 RTLLEEEYFS	23778	23739
>MSH6-R644 RTLLEEEYFR	14	>MSH6-R644 RTLLEEEYFS	12030	12016
>MSH6-R644 RTLLEEEYFR	59	>MSH6-R644 RTLLEEEYFS	27838	27779
>MSH6-R644 RTLLEEEYFR	33	>MSH6-R644 RTLLEEEYFS	18018	17985
>MSH6-S315 SRKETPSATK	108	>MSH6-S315 FRKETPSATK	4849	4741
>MSH6-S315 SRKETPSAT	2110	>MSH6-S315 FRKETPSAT	467	1643
>MSH6-S315 SRKETPSATK	1474	>MSH6-S315 FRKETPSATK	398	1076
>MSH6-S315 SSRKETPSATI	286	>MSH6-S315 SFRKETPSATI	3085	2799
>MSH6-S315 SSRKETPS	281	>MSH6-S315 SFRKETPS	911	630
>MSH6-S315 SSRKETPSA	7	>MSH6-S315 SFRKETPSA	12	5
>MSH6-S315 SSRKETPSAT	168	>MSH6-S315 SFRKETPSAT	593	425
>MSH6-S315 SSRKETPSATI	4	>MSH6-S315 SFRKETPSATI	4	0
>MSH6-S315 KSSRKETPSA	103	>MSH6-S315 KSFRKETPSA	26	77
>MSH6-S315 RKSSRKETPSA	159	>MSH6-S315 RKSFRKETPSA	527	368
>MSH6-S315 KRKSSRKET	830	>MSH6-S315 KRKSFRKET	168	662
>MSH6-S315 LKRKSSRK	89	>MSH6-S315 LKRKSFRK	91	2
>MSH6-S315 LKRKSSRK	207	>MSH6-S315 LKRKSFRK	418	211
>MSH6-S315 LKRKSSRKET	181	>MSH6-S315 LKRKSFRKET	191	10
>MSH6-S315 LKRKSSRKETF	478	>MSH6-S315 LKRKSFRKET	505	27
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>MSH6-S315 SLKRKSSRK	61	>MSH6-S315 SLKRKSFRK	54	7
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>MSH6-S315 SLKRKSSR	837	>MSH6-S315 SLKRKSFR	249	588
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>MSH6-S315 SLKRKSSR	23	>MSH6-S315 SLKRKSFR	9	14
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>MSH6-S315 GSLKRKSSRK	89	>MSH6-S315 GSLKRKSFRK	118	29
>MSH6-S315 GSLKRKSSR	3358	>MSH6-S315 GSLKRKSFR	332	3026
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>MSH6-S315 GSLKRKSSR	1670	>MSH6-S315 GSLKRKSFR	317	1353
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>MSH6-S315 GSLKRKSS	18170	>MSH6-S315 GSLKRKSF	13	18157
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>MSH6-S315 NGSLKRKSSR	1383	>MSH6-S315 NGSLKRKSFR	290	1093
>MSH6-S315 NGSLKRKSSR	1890	>MSH6-S315 NGSLKRKSFR	270	1620
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>MSH6-S532 SENYSKYL	8	>MSH6-S532 AENYSKYL	24	16
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>MSH6-S532 SENYSKYLLSL	26	>MSH6-S532 AENYSKYLLSL	11	15
>MSH6-S532 SENYSKYL	271	>MSH6-S532 AENYSKYL	100	171
>MSH6-S532 SENYSKYLL	146	>MSH6-S532 AENYSKYLL	65	81
>MSH6-S532 SENYSKYLLS	377	>MSH6-S532 AENYSKYLLS	294	83
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>MSH6-S532 SENYSKYL	692	>MSH6-S532 AENYSKYL	440	252
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>MSH6-S532 SENYSKYLLS	985	>MSH6-S532 AENYSKYLLS	468	517
>MSH6-S532 SENYSKYLLSL	662	>MSH6-S532 AENYSKYLLSL	408	254
>MSH6-S532 SENYSKYL	186	>MSH6-S532 AENYSKYL	83	103
>MSH6-S532 SENYSKYLL	297	>MSH6-S532 AENYSKYLL	120	177
>MSH6-S532 SENYSKYLLS	488	>MSH6-S532 AENYSKYLLS	474	14
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>MSH6-S532 PSENYSKY	207	>MSH6-S532 PAENYSKY	4206	3999
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>MSH6-S532 QTYSVLEGDP	445	>MSH6-S532 QTYSVLEGDP	52	393
>MSH6-S532 QTYSVLEGDP	3499	>MSH6-S532 QTYSVLEGDP	194	3305
>MSH6-S532 DPSENYSKY	366	>MSH6-S532 DPAENYSKY	133	233
>MSH6-S532 DPSENYSKY	2373	>MSH6-S532 DPAENYSKY	298	2075
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>MSH6-S532 DPSENYISKY	53	>MSH6-S532 DPAENYSKY	44	9
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>MSH6-S532 DPSENYISKY	190	>MSH6-S532 DPAENYSKY	131	59
>MSH6-S532 LEGDPSENY	390	>MSH6-S532 LEGDPAENY	1743	1353
>MSH6-S532 LEGDPSENY	618	>MSH6-S532 LEGDPAENY	457	161
>MSH6-S532 LEGDPSENY	178	>MSH6-S532 LEGDPAENY	216	38
>MSH6-S532 VLEGDPSENY	497	>MSH6-S532 VLEGDPAENY	346	151
>MSH6-S532 VLEGDPSENY	222	>MSH6-S532 VLEGDPAENY	441	219
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>MSH6-S532 SVLEGDPSEN	34	>MSH6-S532 SVLEGDPAEN	25	9
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>MSH6-S532 SVLEGDPSEN	45	>MSH6-S532 SVLEGDPAEN	39	6
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>MSH6-S532 SVLEGDPSEN	141	>MSH6-S532 SVLEGDPAEN	138	3
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>MSH6-S532 SVLEGDPSEN	98	>MSH6-S532 SVLEGDPAEN	103	5
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>MSH6-T100 WTKTIEKK	112	>MSH6-T100 WIKTIEKK	542	430
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>MSH6-T100 YWTKTIEK	3493	>MSH6-T100 YWIKTIEK	369	3124
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>MSH6-T100 YWTKTIEKKL	702	>MSH6-T100 YWIKTIEKKL	379	323
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>MSH6-T100 YWTKTIEKKL	421	>MSH6-T100 YWIKTIEKKL	465	44
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>MSH6-T100 RYWTKTIEK	696	>MSH6-T100 RYWIKTIEK	315	381
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>MSH6-T100 RYWTKTIEK	26	>MSH6-T100 RYWIKTIEK	25	1
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>MSH6-T100 KRYWTKTI	122	>MSH6-T100 KRYWIKTI	107	15
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>MSH6-T100 KRYWTKTI	42	>MSH6-T100 KRYWIKTI	27	15
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>MSH6-T100 KGCKRYWTK	403	>MSH6-T100 KGCKRYWIK	438	35
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>MSH6-T121 TATFDGTAI	705	>MSH6-T121 IATFDGTAI	453	252
>MSH6-T121 GTATFDGTAI	540	>MSH6-T121 GIATFDGTAI	232	308
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>MSH6-T121 GTATFDGTAI	1105	>MSH6-T121 GIATFDGTAI	159	946
>MSH6-T121 GTATFDGTAI	362	>MSH6-T121 GIATFDGTAI	2611	2249
>MSH6-T121 GTATFDGTAI	43	>MSH6-T121 GIATFDGTAI	1379	1336
>MSH6-T121 RGTATFDGTAI	295	>MSH6-T121 RGIATFDGTAI	280	15
>MSH6-T121 LGRGTATF	135	>MSH6-T121 LGRGIATF	231	96
>MSH6-T121 LGRGTATF	204	>MSH6-T121 LGRGIATF	566	362
>MSH6-T121 LGRGTATF	18	>MSH6-T121 LGRGIATF	37	19
>MSH6-T121 ELGRGTATF	191	>MSH6-T121 ELGRGIATF	62	129
>MSH6-T121 ELGRGTATF	348	>MSH6-T121 ELGRGIATF	2070	1722

>MSH6-T121 ELGRGTATF	273	>MSH6-T121 ELGRGIATF	1605	1332
>MSH6-T121 ELGRGTATF	152	>MSH6-T121 ELGRGIATF	186	34
>MSH6-T121 ELGRGTATF	347	>MSH6-T121 ELGRGIATF	735	388
>MSH6-T121 DELGRGTA	108	>MSH6-T121 DELGRGIA	255	147
>MSH6-T121 DELGRGTAT	112	>MSH6-T121 DELGRGIAT	67	45
>MSH6-T121 DELGRGTATF	432	>MSH6-T121 DELGRGIATF	382	50
>MSH6-T121 DELGRGTATF	181	>MSH6-T121 DELGRGIATFI	144	37
>MSH6-T121 VDELGRGT	8073	>MSH6-T121 VDELGRGI	215	7858
>MSH6-T121 VDELGRGT	28653	>MSH6-T121 VDELGRGI	486	28167
>MSH6-T121 LVDELGRGT	4231	>MSH6-T121 LVDELGRGI	175	4056
>MSH6-T121 VLVDELGRGT	1273	>MSH6-T121 VLVDELGRGI	285	988
>MSH6-T121 VLVDELGRGT	32	>MSH6-T121 VLVDELGRGI	59	27
>MSH6-T121 VLVDELGRGT	404	>MSH6-T121 VLVDELGRGI	888	484
>MSH6-T121 VLVDELGRGT	243	>MSH6-T121 VLVDELGRGI	10	233
>MSH6-T121 VLVDELGRGT	131	>MSH6-T121 VLVDELGRGI	724	593
>MSH6-T121 VLVDELGRGT	3955	>MSH6-T121 VLVDELGRGI	43	3912
>MSH6-T121 VLVDELGRGT	4144	>MSH6-T121 VLVDELGRGI	202	3942
>MSH6-T121 VLVDELGRGT	122	>MSH6-T121 VLVDELGRGI	15	107
>MSH6-T121 VLVDELGRGT	11	>MSH6-T121 VLVDELGRGI	31	20
>MSH6-V105 VLDVLLCLAN	142	>MSH6-V105 MLDVLLCLAN	61	81
>MSH6-V105 VLDVLLCL	96	>MSH6-V105 MLDVLLCL	27	69
>MSH6-V105 VLDVLLCLA	167	>MSH6-V105 MLDVLLCLA	38	129
>MSH6-V105 VLDVLLCL	313	>MSH6-V105 MLDVLLCL	41	272
>MSH6-V105 VLDVLLCLA	342	>MSH6-V105 MLDVLLCLA	37	305
>MSH6-V105 VLDVLLCLA	827	>MSH6-V105 MLDVLLCLA	222	605
>MSH6-V105 VLDVLLCL	481	>MSH6-V105 MLDVLLCL	137	344
>MSH6-V105 VLDVLLCLA	317	>MSH6-V105 MLDVLLCLA	62	255
>MSH6-V105 VLDVLLCL	28	>MSH6-V105 MLDVLLCL	17	11
>MSH6-V105 VLDVLLCLA	28	>MSH6-V105 MLDVLLCLA	16	12
>MSH6-V105 VLDVLLCL	36	>MSH6-V105 MLDVLLCL	21	15
>MSH6-V105 VLDVLLCLA	179	>MSH6-V105 MLDVLLCLA	96	83
>MSH6-V105 VLDVLLCL	14	>MSH6-V105 MLDVLLCL	13	1
>MSH6-V105 VLDVLLCLA	21	>MSH6-V105 MLDVLLCLA	19	2
>MSH6-V105 VLDVLLCL	35	>MSH6-V105 MLDVLLCL	24	11
>MSH6-V105 VLDVLLCLA	365	>MSH6-V105 MLDVLLCLA	270	95
>MSH6-V105 VLDVLLCL	17	>MSH6-V105 MLDVLLCL	9	8
>MSH6-V105 VLDVLLCLA	14	>MSH6-V105 MLDVLLCLA	7	7
>MSH6-V105 VLDVLLCLAN	733	>MSH6-V105 MLDVLLCLAN	185	548
>MSH6-V105 VLDVLLCLAN	181	>MSH6-V105 MLDVLLCLAN	247	66
>MSH6-V105 VLDVLLCLAN	123	>MSH6-V105 MLDVLLCLAN	144	21
>MSH6-V105 VLDVLLCLAN	345	>MSH6-V105 MLDVLLCLAN	260	85
>MSH6-V105 AVLDVLLC	5416	>MSH6-V105 AMLDVLLC	368	5048
>MSH6-V105 AVLDVLLCL	52	>MSH6-V105 AMLDVLLCL	9	43

>MSH6-V105 AVLDVLLCLA	463	>MSH6-V105 AMLDVLLCLA	45	418
>MSH6-V105 AVLDVLLCL	545	>MSH6-V105 AMLDVLLCL	32	513
>MSH6-V105 AVLDVLLCLA	294	>MSH6-V105 AMLDVLLCLA	37	257
>MSH6-V105 AVLDVLLCL	1785	>MSH6-V105 AMLDVLLCL	126	1659
>MSH6-V105 AVLDVLLCLA	288	>MSH6-V105 AMLDVLLCLA	49	239
>MSH6-V105 AVLDVLLC	248	>MSH6-V105 AMLDVLLC	135	113
>MSH6-V105 AVLDVLLCL	14	>MSH6-V105 AMLDVLLCL	9	5
>MSH6-V105 AVLDVLLCLA	85	>MSH6-V105 AMLDVLLCLA	58	27
>MSH6-V105 AVLDVLLC	423	>MSH6-V105 AMLDVLLC	5	418
>MSH6-V105 AVLDVLLCL	53	>MSH6-V105 AMLDVLLCL	2	51
>MSH6-V105 AVLDVLLCLA	103	>MSH6-V105 AMLDVLLCLA	3	100
>MSH6-V105 AVLDVLLCLA	10659	>MSH6-V105 AMLDVLLCLA	370	10289
>MSH6-V105 AVLDVLLC	9457	>MSH6-V105 AMLDVLLC	80	9377
>MSH6-V105 AVLDVLLCL	268	>MSH6-V105 AMLDVLLCL	4	264
>MSH6-V105 AVLDVLLCLA	1940	>MSH6-V105 AMLDVLLCLA	14	1926
>MSH6-V105 AVLDVLLC	5545	>MSH6-V105 AMLDVLLC	55	5490
>MSH6-V105 AVLDVLLCL	40	>MSH6-V105 AMLDVLLCL	5	35
>MSH6-V105 AVLDVLLCLA	121	>MSH6-V105 AMLDVLLCLA	8	113
>MSH6-V105 AVLDVLLC	5324	>MSH6-V105 AMLDVLLC	93	5231
>MSH6-V105 AVLDVLLCL	122	>MSH6-V105 AMLDVLLCL	4	118
>MSH6-V105 AVLDVLLCLA	1010	>MSH6-V105 AMLDVLLCLA	15	995
>MSH6-V105 AVLDVLLC	1212	>MSH6-V105 AMLDVLLC	10	1202
>MSH6-V105 AVLDVLLCL	71	>MSH6-V105 AMLDVLLCL	3	68
>MSH6-V105 AVLDVLLCLA	90	>MSH6-V105 AMLDVLLCLA	4	86
>MSH6-V105 AVLDVLLCL	9071	>MSH6-V105 AMLDVLLCL	478	8593
>MSH6-V105 AVLDVLLCL	713	>MSH6-V105 AMLDVLLCL	304	409
>MSH6-V105 AVLDVLLCLA	742	>MSH6-V105 AMLDVLLCLA	254	488
>MSH6-V105 DWQSAVECI/	182	>MSH6-V105 DWQSAVECI/	173	9
>MSH6-V105 IAVLDVLLCL	1085	>MSH6-V105 IAMLDVLLCL	117	968
>MSH6-V105 IAVLDVLL	2000	>MSH6-V105 IAMLDVLL	487	1513
>MSH6-V105 IAVLDVLLCL	697	>MSH6-V105 IAMLDVLLCL	160	537
>MSH6-V105 IAVLDVLLCL	1921	>MSH6-V105 IAMLDVLLCL	495	1426
>MSH6-V105 IAVLDVLL	1249	>MSH6-V105 IAMLDVLL	443	806
>MSH6-V105 IAVLDVLLCL	364	>MSH6-V105 IAMLDVLLCL	173	191
>MSH6-V105 IAVLDVLLCLA	940	>MSH6-V105 IAMLDVLLCL	287	653
>MSH6-V105 IAVLDVLL	229	>MSH6-V105 IAMLDVLL	228	1
>MSH6-V105 CIAVLDVL	462	>MSH6-V105 CIAMLDVL	544	82
>MSH6-V105 CIAVLDVLL	239	>MSH6-V105 CIAMLDVLL	262	23
>MSH6-V105 CIAVLDVLL	311	>MSH6-V105 CIAMLDVLL	311	0
>MSH6-V105 ECIAVLDVL	21	>MSH6-V105 ECIAMLDVL	16	5
>MSH6-V105 ECIAVLDVLL	522	>MSH6-V105 ECIAMLDVLL	427	95
>MSH6-V105 ECIAVLDV	163	>MSH6-V105 ECIAMLDV	338	175
>MSH6-V105 ECIAVLDVL	207	>MSH6-V105 ECIAMLDVL	888	681

>MSH6-V105 ECI AVL DV	400	>MSH6-V105 ECI AML DV	420	20
>MSH6-V105 VE CI AVL DV	159	>MSH6-V105 VE CI AML DV	155	4
>MSH6-V105 VE CI AVL DV L	276	>MSH6-V105 VE CI AML DV L	284	8
>MSH6-V105 VE CI AVL DV L I	508	>MSH6-V105 VE CI AML DV L I	395	113
>MSH6-V105 VE CI AVL DV L I	63	>MSH6-V105 VE CI AML DV L I	50	13
>MSH6-V105 VE CI AVL DV	84	>MSH6-V105 VE CI AML DV	128	44
>MSH6-V105 VE CI AVL DV L	214	>MSH6-V105 VE CI AML DV L	104	110
>MSH6-V105 VE CI AVL DV L I	102	>MSH6-V105 VE CI AML DV L I	136	34
>MSH6-V105 A VE CI AVL DV	424	>MSH6-V105 A VE CI AML DV	661	237
>MSH6-V105 SA VE CI AV	289	>MSH6-V105 SA VE CI AM	5807	5518
>MSH6-V105 SA VE CI AVL	807	>MSH6-V105 SA VE CI AML	276	531
>MSH6-V105 SA VE CI AVL	515	>MSH6-V105 SA VE CI AML	224	291
>MSH6-V105 SA VE CI AV	219	>MSH6-V105 SA VE CI AM	7973	7754
>MSH6-V105 SA VE CI AVL	863	>MSH6-V105 SA VE CI AML	455	408
>MSH6-V105 SA VE CI AVL D	247	>MSH6-V105 SA VE CI AML D	294	47
>MSH6-V105 SA VE CI AV	13	>MSH6-V105 SA VE CI AM	291	278
>MSH6-V105 SA VE CI AVL	63	>MSH6-V105 SA VE CI AML	31	32
>MSH6-V105 SA VE CI AVL D	78	>MSH6-V105 SA VE CI AML D	68	10
>MSH6-V105 SA VE CI AV	120	>MSH6-V105 SA VE CI AM	6022	5902
>MSH6-V105 SA VE CI AVL	800	>MSH6-V105 SA VE CI AML	306	494
>MSH6-V105 SA VE CI AVL D	449	>MSH6-V105 SA VE CI AML D	698	249
>MSH6-V105 SA VE CI AVL D	435	>MSH6-V105 SA VE CI AML D	719	284
>MSH6-V105 SA VE CI AV	128	>MSH6-V105 SA VE CI AM	15148	15020
>MSH6-V105 SA VE CI AVL D	126	>MSH6-V105 SA VE CI AML D	201	75
>MSH6-V105 SA VE CI AV	12281	>MSH6-V105 SA VE CI AM	274	12007
>MSH6-V105 SA VE CI AVL	484	>MSH6-V105 SA VE CI AML	736	252
>MSH6-V105 SA VE CI AV	67	>MSH6-V105 SA VE CI AM	2699	2632
>MSH6-V105 SA VE CI AVL	136	>MSH6-V105 SA VE CI AML	74	62
>MSH6-V105 SA VE CI AVL D	241	>MSH6-V105 SA VE CI AML D	191	50
>MSH6-V105 SA VE CI AV	72	>MSH6-V105 SA VE CI AM	1515	1443
>MSH6-V105 SA VE CI AVL	2287	>MSH6-V105 SA VE CI AML	249	2038
>MSH6-V105 SA VE CI AVL D	383	>MSH6-V105 SA VE CI AML D	189	194
>MSH6-V105 SA VE CI AV	7210	>MSH6-V105 SA VE CI AM	182	7028
>MSH6-V105 SA VE CI AVL	82	>MSH6-V105 SA VE CI AML	47	35
>MSH6-V105 SA VE CI AV	2310	>MSH6-V105 SA VE CI AM	26	2284
>MSH6-V105 SA VE CI AVL	157	>MSH6-V105 SA VE CI AML	1729	1572
>MSH6-V105 SA VE CI AVL	309	>MSH6-V105 SA VE CI AML	141	168
>MSH6-V105 QS AV E CI AV	9830	>MSH6-V105 QS AV E CI AM	271	9559
>MSH6-V105 QS AV E CI AVL	107	>MSH6-V105 QS AV E CI AML	68	39
>MSH6-V105 QS AV E CI AV	11696	>MSH6-V105 QS AV E CI AM	192	11504
>MSH6-V105 QS AV E CI AVL	310	>MSH6-V105 QS AV E CI AML	185	125
>MSH6-V105 QS AV E CI AVL	299	>MSH6-V105 QS AV E CI AML	157	142
>MSH6-V105 QS AV E CI AVL	130	>MSH6-V105 QS AV E CI AML	161	31



>MSH6-V105 WQSAVECIA\	754	>MSH6-V105 WQSAVECIA\	378	376
>MSH6-V105 WQSAVECIA\	181	>MSH6-V105 WQSAVECIA\	940	759
>MSH6-V105 WQSAVECIA\	89	>MSH6-V105 WQSAVECIA\	44	45
>MSH6-V105 WQSAVECIA\	146	>MSH6-V105 WQSAVECIA\	3225	3079
>MSH6-V105 WQSAVECIA\	433	>MSH6-V105 WQSAVECIA\	272	161
>MSH6-V105 WQSAVECIA\	87	>MSH6-V105 WQSAVECIA\	1117	1030
>MSH6-V105 WQSAVECIA\	59	>MSH6-V105 WQSAVECIA\	39	20
>MSH6-V105 WQSAVECIA\	227	>MSH6-V105 WQSAVECIA\	8220	7993
>MSH6-V105 WQSAVECIA\	410	>MSH6-V105 WQSAVECIA\	13451	13041
>MSH6-V105 WQSAVECIA\	398	>MSH6-V105 WQSAVECIA\	7489	7091
>MSH6-V105 WQSAVECIA\	710	>MSH6-V105 WQSAVECIA\	80	630
>MSH6-V105 WQSAVECIA\	117	>MSH6-V105 WQSAVECIA\	282	165
>MSH6-V105 WQSAVECIA\	125	>MSH6-V105 WQSAVECIA\	36	89
>MSH6-V105 WQSAVECIA\	91	>MSH6-V105 WQSAVECIA\	130	39
>MSH6-V105 WQSAVECIA\	80	>MSH6-V105 WQSAVECIA\	31	49
>MSH6-V105 WQSAVECIA\	10	>MSH6-V105 WQSAVECIA\	24	14
>MSH6-V105 WQSAVECIA\	314	>MSH6-V105 WQSAVECIA\	401	87
>MSH6-V105 WQSAVECIA\	1262	>MSH6-V105 WQSAVECIA\	464	798
>MSH6-V105 WQSAVECIA\	81	>MSH6-V105 WQSAVECIA\	94	13
>MSH6-V474 VQKGYKVAR\	856	>MSH6-V474 AQKGYKVAR\	399	457
>MSH6-V474 VQKGYKVAR\	325	>MSH6-V474 AQKGYKVAR\	300	25
>MSH6-V474 VQKGYKVAR	14	>MSH6-V474 AQKGYKVAR	13	1
>MSH6-V474 VQKGYKVAR	875	>MSH6-V474 AQKGYKVAR	432	443
>MSH6-V474 VQKGYKVA	7490	>MSH6-V474 AQKGYKVA	321	7169
>MSH6-V474 LVQKGYKVAF	200	>MSH6-V474 LAQKGYKVAF	1580	1380
>MSH6-V474 LVQKGYKV	419	>MSH6-V474 LAQKGYKV	2053	1634
>MSH6-V474 LVQKGYKVAF	372	>MSH6-V474 LAQKGYKVAF	1746	1374
>MSH6-V474 LVQKGYKV	30	>MSH6-V474 LAQKGYKV	594	564
>MSH6-V474 LVQKGYKVAF	19	>MSH6-V474 LAQKGYKVAF	236	217
>MSH6-V474 LVQKGYKVAF	44	>MSH6-V474 LAQKGYKVAF	111	67
>MSH6-V474 LVQKGYKVAF	471	>MSH6-V474 LAQKGYKVAF	1457	986
>MSH6-V474 LVQKGYKVAF	360	>MSH6-V474 LAQKGYKVAF	843	483
>MSH6-V474 IAFGRYSDSL\	52	>MSH6-V474 IAFGRYSDSL\	217	165
>MSH6-V474 IAFGRYSDSL\	343	>MSH6-V474 IAFGRYSDSL\	3656	3313
>MSH6-V474 IAFGRYSDSL\	226	>MSH6-V474 IAFGRYSDSL\	1491	1265
>MSH6-V474 IAFGRYSDSL\	310	>MSH6-V474 IAFGRYSDSL\	2273	1963
>MSH6-V474 IAFGRYSDSL\	335	>MSH6-V474 IAFGRYSDSL\	8393	8058
>MSH6-V474 IAFGRYSDSL\	61	>MSH6-V474 IAFGRYSDSL\	7310	7249
>MSH6-V474 IAFGRYSDSL\	134	>MSH6-V474 IAFGRYSDSL\	1622	1488
>MSH6-V474 IAFGRYSDSL\	68	>MSH6-V474 IAFGRYSDSL\	498	430
>MSH6-V474 SLVQKGYKV	138	>MSH6-V474 SLAQKGYKV	38	100
>MSH6-V474 SLVQKGYKV	32	>MSH6-V474 SLAQKGYKV	9	23
>MSH6-V474 SLVQKGYKV	36	>MSH6-V474 SLAQKGYKV	15	21

>MSH6-V474 SLVQKGYKVA	364	>MSH6-V474 SLAQKGYKVA	338	26
>MSH6-V474 SLVQKGYKV	484	>MSH6-V474 SLAQKGYKV	567	83
>MSH6-V474 SLVQKGYKV	3	>MSH6-V474 SLAQKGYKV	3	0
>MSH6-V474 SLVQKGYKVA	368	>MSH6-V474 SLAQKGYKVA	281	87
>MSH6-V474 SLVQKGYKV	11	>MSH6-V474 SLAQKGYKV	11	0
>MSH6-V474 SLVQKGYKV	8	>MSH6-V474 SLAQKGYKV	5	3
>MSH6-V474 SLVQKGYKVA	664	>MSH6-V474 SLAQKGYKVA	147	517
>MSH6-V474 SLVQKGYKV	117	>MSH6-V474 SLAQKGYKV	17	100
>MSH6-V474 SLVQKGYKV	2	>MSH6-V474 SLAQKGYKV	2	0
>MSH6-V474 SLVQKGYKVA	105	>MSH6-V474 SLAQKGYKVA	44	61
>MSH6-V474 SLVQKGYK	202	>MSH6-V474 SLAQKGYK	81	121
>MSH6-V474 SLVQKGYK	127	>MSH6-V474 SLAQKGYK	84	43
>MSH6-V474 SLVQKGYKVA	104	>MSH6-V474 SLAQKGYKVA	106	2
>MSH6-V474 SLVQKGYKVA	566	>MSH6-V474 SLAQKGYKVA	282	284
>MSH6-V474 SLVQKGYKVA	111	>MSH6-V474 SLAQKGYKVA	148	37
>MSH6-V474 DSVLQKGY	902	>MSH6-V474 DSVLQKGY	294	608
>MSH6-V474 DSVLQKGY	1037	>MSH6-V474 DSVLQKGY	326	711
>MSH6-V474 DSVLQKGYK	720	>MSH6-V474 DSVLQKGYK	295	425
>MSH6-V474 DSVLQKGY	351	>MSH6-V474 DSVLQKGY	199	152
>MSH6-V474 SDSLVQKGYK	164	>MSH6-V474 SDSLVQKGYK	128	36
>MSH6-V474 YSDSLVQKGY	57	>MSH6-V474 YSDSLVQKGY	51	6
>MSH6-V474 YSDSLVQK	139	>MSH6-V474 YSDSLVQK	228	89
>MSH6-V474 YSDSLVQKGY	178	>MSH6-V474 YSDSLVQKGY	191	13
>MSH6-V474 YSDSLVQKGY	412	>MSH6-V474 YSDSLVQKGY	515	103
>MSH6-V474 YSDSLVQK	228	>MSH6-V474 YSDSLVQK	185	43
>MSH6-V474 YSDSLVQKGY	307	>MSH6-V474 YSDSLVQKGY	285	22
>MSH6-V474 YSDSLVQKGY	10	>MSH6-V474 YSDSLVQKGY	7	3
>MSH6-V474 YSDSLVQKGY	87	>MSH6-V474 YSDSLVQKGY	77	10
>MSH6-V474 RYSDSLVQK	158	>MSH6-V474 RYSDSLVQK	278	120
>MSH6-V474 RYSDSLVQK	457	>MSH6-V474 RYSDSLVQK	1057	600
>MSH6-V474 RYSDSLVQK	15	>MSH6-V474 RYSDSLVQK	10	5
>MSH6-V474 RYSDSLVQKE	154	>MSH6-V474 RYSDSLVQKE	98	56
>MSH6-V474 RYSDSLVQK	107	>MSH6-V474 RYSDSLVQK	80	27
>MSH6-V474 RYSDSLVQK	115	>MSH6-V474 RYSDSLVQK	360	245
>MSH6-V474 GRYSDSL	203	>MSH6-V474 GRYSDSL	515	312
>MSH6-V474 GRYSDSLQK	95	>MSH6-V474 GRYSDSLQK	92	3
>MSH6-V474 FGRYSDSLQ	622	>MSH6-V474 FGRYSDSLQ	443	179
>MSH6-V474 FGRYSDSL	126	>MSH6-V474 FGRYSDSL	1093	967
>MSH6-V474 AFGRYSDSL	307	>MSH6-V474 AFGRYSDSL	927	620
>MSH6-V480 KVARVEQT	6297	>MSH6-V480 KVARVEQT	237	6060
>MSH6-V480 KVARVEQT	6455	>MSH6-V480 KVARVEQT	461	5994
>MSH6-V480 KVARVEQT	8738	>MSH6-V480 KVARVEQT	184	8554
>MSH6-V480 KVARVEQT	13215	>MSH6-V480 KVARVEQT	408	12807

>MSH6-V480 KVARVEQTET	12914	>MSH6-V480 KLARVEQTET	440	12474
>MSH6-V480 KVARVEQT	16563	>MSH6-V480 KLARVEQT	146	16417
>MSH6-V480 KVARVEQTET	14751	>MSH6-V480 KLARVEQTET	137	14614
>MSH6-V480 SDSLVQKGYK	164	>MSH6-V480 SDSLVQKGYK	967	803
>MSH6-V480 YKVARVEQ	574	>MSH6-V480 YKLARVEQ	420	154
>MSH6-V480 KGYKVARV	109	>MSH6-V480 KGYKLARV	114	5
>MSH6-V480 KGYKVARV	314	>MSH6-V480 KGYKLARV	836	522
>MSH6-V480 VQKGYKVAR\	856	>MSH6-V480 VQKGYKLAR\	383	473
>MSH6-V480 VQKGYKVAR\	325	>MSH6-V480 VQKGYKLAR\	386	61
>MSH6-V480 VQKGYKVAR	14	>MSH6-V480 VQKGYKLAR	28	14
>MSH6-V480 VQKGYKVAR	524	>MSH6-V480 VQKGYKLAR	492	32
>MSH6-V480 LVQKGYKVAF	200	>MSH6-V480 LVQKGYKLAR	189	11
>MSH6-V480 LVQKGYKVAF	1145	>MSH6-V480 LVQKGYKLAR	477	668
>MSH6-V480 LVQKGYKV	419	>MSH6-V480 LVQKGYKL	5235	4816
>MSH6-V480 LVQKGYKVAF	372	>MSH6-V480 LVQKGYKLAR	501	129
>MSH6-V480 LVQKGYKV	30	>MSH6-V480 LVQKGYKL	1140	1110
>MSH6-V480 LVQKGYKVAF	19	>MSH6-V480 LVQKGYKLAR	17	2
>MSH6-V480 LVQKGYKVAF	44	>MSH6-V480 LVQKGYKLAR	65	21
>MSH6-V480 LVQKGYKVAF	471	>MSH6-V480 LVQKGYKLAR	594	123
>MSH6-V480 LVQKGYKVAF	360	>MSH6-V480 LVQKGYKLAR	670	310
>MSH6-V480 SLVQKGYKV	138	>MSH6-V480 SLVQKGYKL	726	588
>MSH6-V480 SLVQKGYKV	32	>MSH6-V480 SLVQKGYKL	42	10
>MSH6-V480 SLVQKGYKV	36	>MSH6-V480 SLVQKGYKL	451	415
>MSH6-V480 SLVQKGYKVA	364	>MSH6-V480 SLVQKGYKLA	219	145
>MSH6-V480 SLVQKGYKV	484	>MSH6-V480 SLVQKGYKL	3780	3296
>MSH6-V480 SLVQKGYKV	3	>MSH6-V480 SLVQKGYKL	18	15
>MSH6-V480 SLVQKGYKVA	368	>MSH6-V480 SLVQKGYKLA	348	20
>MSH6-V480 SLVQKGYKV	11	>MSH6-V480 SLVQKGYKL	55	44
>MSH6-V480 SLVQKGYKV	8	>MSH6-V480 SLVQKGYKL	38	30
>MSH6-V480 SLVQKGYKVA	664	>MSH6-V480 SLVQKGYKLA	473	191
>MSH6-V480 SLVQKGYKV	117	>MSH6-V480 SLVQKGYKL	2179	2062
>MSH6-V480 SLVQKGYKV	2	>MSH6-V480 SLVQKGYKL	9	7
>MSH6-V480 SLVQKGYKVA	105	>MSH6-V480 SLVQKGYKLA	62	43
>MSH6-V480 SLVQKGYKVA	104	>MSH6-V480 SLVQKGYKLA	257	153
>MSH6-V480 SLVQKGYKVA	111	>MSH6-V480 SLVQKGYKLA	107	4
>MSH6-V509 VRREICRIITK	504	>MSH6-V509 ARREICRIITK	56	448
>MSH6-V509 VRREICRIITK	625	>MSH6-V509 ARREICRIITK	283	342
>MSH6-V509 VRREICRII	1558	>MSH6-V509 ARREICRII	468	1090
>MSH6-V509 VRREICRII	611	>MSH6-V509 ARREICRII	223	388
>MSH6-V509 VRREICRIITK	286	>MSH6-V509 ARREICRIITK	107	179
>MSH6-V509 VVRREICRI	410	>MSH6-V509 VARREICRI	6323	5913
>MSH6-V509 VVRREICRI	79	>MSH6-V509 VARREICRI	264	185
>MSH6-V509 VVRREICRII	154	>MSH6-V509 VARREICRII	526	372

>MSH6-V509 VVRREICR	151	>MSH6-V509 VARREICR	325	174
>MSH6-V509 VVRREICR	411	>MSH6-V509 VARREICR	527	116
>MSH6-V509 VVRREICRI	2808	>MSH6-V509 VARREICRI	249	2559
>MSH6-V509 MAHISKYDR\	892	>MSH6-V509 MAHISKYDR\	490	402
>MSH6-V509 MAHISKYDR\	374	>MSH6-V509 MAHISKYDR\	3716	3342
>MSH6-V509 RVVRREICR	505	>MSH6-V509 RVARREICR	308	197
>MSH6-V509 RVVRREICRI	392	>MSH6-V509 RVARREICRI	430	38
>MSH6-V509 RVVRREICR	27	>MSH6-V509 RVARREICR	27	0
>MSH6-V509 RVVRREICRII	367	>MSH6-V509 RVARREICRII	310	57
>MSH6-V509 RVVRREICR	216	>MSH6-V509 RVARREICR	99	117
>MSH6-V509 RVVRREICRII	886	>MSH6-V509 RVARREICRII	239	647
>MSH6-V509 YDRVVRREI	287	>MSH6-V509 YDRVARREI	479	192
>MSH6-V509 YDRVVRREI	229	>MSH6-V509 YDRVARREI	290	61
>MSH6-V509 KYDRVVRREI	45	>MSH6-V509 KYDRVARREI	73	28
>MSH6-V509 KYDRVVRREI	50	>MSH6-V509 KYDRVARREI	78	28
>MSH6-V509 KYDRVVRR	38	>MSH6-V509 KYDRVARR	50	12
>MSH6-V509 KYDRVVRR	30	>MSH6-V509 KYDRVARR	40	10
>MSH6-V509 SKYDRVVRRE	109	>MSH6-V509 SKYDRVARRE	116	7
>MSH6-V509 SKYDRVVR	190	>MSH6-V509 SKYDRVAR	135	55
>MSH6-V509 SKYDRVVRRE	99	>MSH6-V509 SKYDRVARRE	114	15
>MSH6-V509 SKYDRVVR	233	>MSH6-V509 SKYDRVAR	320	87
>MSH6-V509 SKYDRVVRR	202	>MSH6-V509 SKYDRVARR	446	244
>MSH6-V509 ISKYDRVVR	20	>MSH6-V509 ISKYDRVAR	17	3
>MSH6-V509 ISKYDRVVRR	65	>MSH6-V509 ISKYDRVARR	56	9
>MSH6-V509 ISKYDRVVR	235	>MSH6-V509 ISKYDRVAR	80	155
>MSH6-V509 ISKYDRVVR	111	>MSH6-V509 ISKYDRVAR	88	23
>MSH6-V509 ISKYDRVVRR	551	>MSH6-V509 ISKYDRVARR	461	90
>MSH6-V509 ISKYDRVVR	868	>MSH6-V509 ISKYDRVAR	466	402
>MSH6-V509 HISKYDRVVR	50	>MSH6-V509 HISKYDRVAR	27	23
>MSH6-V509 HISKYDRVVR	76	>MSH6-V509 HISKYDRVAR	64	12
>MSH6-V509 HISKYDRVVR	346	>MSH6-V509 HISKYDRVAR	249	97
>MSH6-V509 HISKYDRVVR	27	>MSH6-V509 HISKYDRVAR	15	12
>MSH6-V509 HISKYDRVVR	43	>MSH6-V509 HISKYDRVAR	37	6
>MSH6-V509 HISKYDRVVR	52	>MSH6-V509 HISKYDRVAR	55	3
>MSH6-V509 HISKYDRVVR	37	>MSH6-V509 HISKYDRVAR	55	18
>MSH6-Y397 YVPEDFLNS	217	>MSH6-Y397 CVPEDFLNS	8965	8748
>MSH6-Y397 YVPEDFLNSC	435	>MSH6-Y397 CVPEDFLNSC	8297	7862
>MSH6-Y397 YVPEDFLNSC	493	>MSH6-Y397 CVPEDFLNSC	12280	11787
>MSH6-Y397 YVPEDFLNSC	393	>MSH6-Y397 CVPEDFLNSC	11707	11314
>MSH6-Y397 YVPEDFLNSC	285	>MSH6-Y397 CVPEDFLNSC	2703	2418
>MSH6-Y397 LYVPEDFL	357	>MSH6-Y397 LCVPEDFL	21655	21298
>MSH6-Y397 LYVPEDFL	13	>MSH6-Y397 LCVPEDFL	16497	16484
>MSH6-Y397 LYVPEDFL	130	>MSH6-Y397 LCVPEDFL	18683	18553

>MSH6-Y397 LYVPEDFLNSI	477	>MSH6-Y397 LCVPEDFLNSI	27771	27294
>MSH6-Y397 TLYVPEDFL	53	>MSH6-Y397 TLCVPEDFL	245	192
>MSH6-Y397 TLYVPEDFL	22	>MSH6-Y397 TLCVPEDFL	281	259
>MSH6-Y397 TLYVPEDFL	218	>MSH6-Y397 TLCVPEDFL	3757	3539
>MSH6-Y397 TLYVPEDFL	29	>MSH6-Y397 TLCVPEDFL	1173	1144
>MSH6-Y397 TLYVPEDFL	40	>MSH6-Y397 TLCVPEDFL	225	185
>MSH6-Y397 TLYVPEDF	138	>MSH6-Y397 TLCVPEDF	1488	1350
>MSH6-Y397 TLYVPEDF	142	>MSH6-Y397 TLCVPEDF	1799	1657
>MSH6-Y397 STLYVPEDFL	149	>MSH6-Y397 STLCVPEDFL	168	19
>MSH6-Y397 STLYVPEDFL	576	>MSH6-Y397 STLCVPEDFL	119	457
>MSH6-Y397 STLYVPEDFL	464	>MSH6-Y397 STLCVPEDFL	310	154
>MSH6-Y397 STLYVPEDFL	433	>MSH6-Y397 STLCVPEDFL	771	338
>MSH6-Y397 STLYVPEDF	9	>MSH6-Y397 STLCVPEDF	21	12
>MSH6-Y397 STLYVPEDFL	141	>MSH6-Y397 STLCVPEDFL	386	245
>MSH6-Y397 STLYVPEDFL	487	>MSH6-Y397 STLCVPEDFL	221	266
>MSH6-Y397 STLYVPEDF	265	>MSH6-Y397 STLCVPEDF	294	29
>MSH6-Y397 STLYVPEDF	128	>MSH6-Y397 STLCVPEDF	204	76
>MSH6-Y397 STLYVPEDF	44	>MSH6-Y397 STLCVPEDF	56	12
>MSH6-Y397 STLYVPEDFL	383	>MSH6-Y397 STLCVPEDFL	2559	2176
>MSH6-Y397 ASTLYVPEDF	251	>MSH6-Y397 ASTLCVPEDF	363	112
>MSH6-Y397 ASTLYVPEDF	34	>MSH6-Y397 ASTLCVPEDF	48	14
>MSH6-Y397 ASTLYVPEDFI	162	>MSH6-Y397 ASTLCVPEDFI	268	106
>MSH6-Y397 ASTLYVPEDFI	108	>MSH6-Y397 ASTLCVPEDFI	159	51
>MSH6-Y397 ASTLYVPEDF	39	>MSH6-Y397 ASTLCVPEDF	55	16
>MSH6-Y397 DASTLYVPED	586	>MSH6-Y397 DASTLCVPED	492	94
>MSH6-Y397 FFASTLYV	65	>MSH6-Y397 FFASTLCV	828	763
>MSH6-Y397 FFASTLYV	121	>MSH6-Y397 FFASTLCV	1709	1588
>MSH6-Y397 FFASTLYV	469	>MSH6-Y397 FFASTLCV	4554	4085
>MSH6-Y397 FFASTLYV	57	>MSH6-Y397 FFASTLCV	99	42
>MSH6-Y397 DFASTLY	168	>MSH6-Y397 DFASTLC	20312	20144
>MSH6-Y397 DFASTLYV	467	>MSH6-Y397 DFASTLCV	5395	4928
>MSH6-Y397 DFASTLY	188	>MSH6-Y397 DFASTLC	37120	36932
>MSH6-Y397 PDFFASTLY	410	>MSH6-Y397 PDFFASTLC	24545	24135
>MSH6-Y397 PDFFASTLYV	74	>MSH6-Y397 PDFFASTLCV	111	37
>MSH6-Y397 HPDFFASTLY	112	>MSH6-Y397 HPDFFASTLC	1240	1128
>MSH6-Y397 HPDFFASTLY	43	>MSH6-Y397 HPDFFASTLC	5526	5483
>MSH6-Y397 HPDFFASTLY	2240	>MSH6-Y397 HPDFFASTLC	497	1743
>MSH6-Y397 HPDFFASTLY	312	>MSH6-Y397 HPDFFASTLC	7737	7425
>MSH6-Y397 HPDFFASTLY	149	>MSH6-Y397 HPDFFASTLC	29742	29593
>MSN-D88A- DVSEELIQDI	11208	>MSN-D88A- AVSEELIQDI	352	10856
>MSN-D88A- EDVSEELI	11528	>MSN-D88A- EAVSEELI	305	11223
>MSN-D88A- EDVSEELI	47	>MSN-D88A- EAVSEELI	24075	24028
>MSN-D88A- EDVSEELIQDI	166	>MSN-D88A- EAVSEELIQDI	29816	29650

>MSN-D88A- FKFRAKFYPEI	22292	>MSN-D88A- FKFRAKFYPE/	492	21800
>MSN-D88A- FKFRAKFYPEI	1810	>MSN-D88A- FKFRAKFYPE/	41	1769
>MSN-D88A- PEDVSEELI	357	>MSN-D88A- PEAVSEELI	66	291
>MSN-D88A- PEDVSEELI	694	>MSN-D88A- PEAVSEELI	166	528
>MSN-D88A- PEDVSEELI	413	>MSN-D88A- PEAVSEELI	263	150
>MSN-D88A- YPEDVSEEL	2096	>MSN-D88A- YPEAVSEEL	83	2013
>MSN-D88A- YPEDVSEEL	238	>MSN-D88A- YPEAVSEEL	169	69
>MSN-D88A- YPEDVSEE	480	>MSN-D88A- YPEAVSEE	501	21
>MSN-D88A- YPEDVSEEL	35	>MSN-D88A- YPEAVSEEL	38	3
>MSN-D88A- YPEDVSEELIC	228	>MSN-D88A- YPEAVSEELIC	266	38
>MSN-D88A- YPEDVSEEL	123	>MSN-D88A- YPEAVSEEL	50	73
>MSN-D88A- YPEDVSEEL	240	>MSN-D88A- YPEAVSEEL	311	71
>MSN-D88A- YPEDVSEEL	107	>MSN-D88A- YPEAVSEEL	61	46
>MSN-D88A- YPEDVSEEL	76	>MSN-D88A- YPEAVSEEL	118	42
>MSN-D88A- FYPEDVSEELI	602	>MSN-D88A- FYPEAVSEELI	394	208
>MSN-D88A- FYPEDVSEEL	343	>MSN-D88A- FYPEAVSEEL	445	102
>MSN-D88A- FYPEDVSEEL	370	>MSN-D88A- FYPEAVSEEL	580	210
>MSN-D88A- FYPEDVSEELI	579	>MSN-D88A- FYPEAVSEELI	294	285
>MSN-D88A- FYPEDVSEEL	250	>MSN-D88A- FYPEAVSEEL	160	90
>MSN-D88A- FYPEDVSEELI	217	>MSN-D88A- FYPEAVSEELI	132	85
>MSN-D88A- FYPEDVSE	505	>MSN-D88A- FYPEAVSE	257	248
>MSN-D88A- FYPEDVSEE	253	>MSN-D88A- FYPEAVSEE	120	133
>MSN-D88A- FYPEDVSEEL	4	>MSN-D88A- FYPEAVSEEL	3	1
>MSN-D88A- FYPEDVSEELI	6	>MSN-D88A- FYPEAVSEELI	5	1
>MSN-D88A- KFYPEDVSEEI	134	>MSN-D88A- KFYPEAVSEEI	109	25
>MSN-D88A- KFYPEDVSEEI	154	>MSN-D88A- KFYPEAVSEEI	196	42
>MSN-D88A- KFYPEDVSEEI	28	>MSN-D88A- KFYPEAVSEEI	19	9
>MSN-D88A- KFYPEDVSEEI	664	>MSN-D88A- KFYPEAVSEEI	326	338
>MSN-D88A- KFYPEDVSEEI	153	>MSN-D88A- KFYPEAVSEEI	127	26
>MSN-D88A- AKFYPEDV	23	>MSN-D88A- AKFYPEAV	8	15
>MSN-D88A- AKFYPEDVS	599	>MSN-D88A- AKFYPEAVS	204	395
>MSN-D88A- AKFYPEDVSE	589	>MSN-D88A- AKFYPEAVSE	252	337
>MSN-D88A- AKFYPEDVSE	457	>MSN-D88A- AKFYPEAVSE	317	140
>MSN-D88A- RAKFYPEDV	1729	>MSN-D88A- RAKFYPEAV	312	1417
>MSN-D88A- RAKFYPED	528	>MSN-D88A- RAKFYPEA	13	515
>MSN-D88A- RAKFYPEDV	1022	>MSN-D88A- RAKFYPEAV	139	883
>MSN-D88A- RAKFYPEDV	2005	>MSN-D88A- RAKFYPEAV	383	1622
>MSN-D88A- FRAKFYPEDV	296	>MSN-D88A- FRAKFYPEAV	98	198
>MSN-D88A- FRAKFYPEDV	1763	>MSN-D88A- FRAKFYPEAV	99	1664
>MSN-D88A- KFRAKFYPED	117	>MSN-D88A- KFRAKFYPEA	4	113
>MSN-D88A- KFRAKFYPED	80	>MSN-D88A- KFRAKFYPEA'	18	62
>MSN-D88A- KFRAKFYPED	512	>MSN-D88A- KFRAKFYPEA'	203	309
>MUC1-R244TDRSPYEKV	320	>MUC1-R244TDHSPYEKV	315	5

>MUC1-R244STDRSPYEKV	38	>MUC1-R244STDHSPYEKV	45	7
>MUC1-R244STDRSPYEKV	141	>MUC1-R244STDHSPYEKV	147	6
>MUC1-R244STDRSPYEK	12	>MUC1-R244STDHSPYEK	11	1
>MUC1-R244STDRSPYEK	294	>MUC1-R244STDHSPYEK	228	66
>MUC1-R244STDRSPYEKV	287	>MUC1-R244STDHSPYEKV	212	75
>MUC1-R244STDRSPYEKV	35	>MUC1-R244STDHSPYEKV	34	1
>MUC1-R244STDRSPYEK	77	>MUC1-R244STDHSPYEK	63	14
>MUC1-R244SSTDRSPY	845	>MUC1-R244SSTDHSPY	488	357
>MUC1-R244SSTDRSPYEK	180	>MUC1-R244SSTDHSPYEK	163	17
>MUC1-R244SSTDRSPY	573	>MUC1-R244SSTDHSPY	462	111
>MUC1-R244SSTDRSPYEK	8	>MUC1-R244SSTDHSPYEK	7	1
>MUC1-R244SSTDRSPY	380	>MUC1-R244SSTDHSPY	45	335
>MUC1-R244SSTDRSPY	487	>MUC1-R244SSTDHSPY	115	372
>MUC1-R244SSTDRSPYEK	85	>MUC1-R244SSTDHSPYEK	106	21
>MUC1-R244SSTDRSPY	69	>MUC1-R244SSTDHSPY	99	30
>MUC1-R244SSTDRSPYEK	90	>MUC1-R244SSTDHSPYEK	44	46
>MUC1-R244SSTDRSPYEK\	176	>MUC1-R244SSTDHSPYEK\	142	34
>MUC1-R244SSTDRSPYEK\	811	>MUC1-R244SSTDHSPYEK\	257	554
>MUC1-R244SSTDRSPY	319	>MUC1-R244SSTDHSPY	146	173
>MUC1-R244SSTDRSPY	667	>MUC1-R244SSTDHSPY	344	323
>MUC1-R244SSTDRSPY	13	>MUC1-R244SSTDHSPY	9	4
>MUC1-R244SSTDRSPY	545	>MUC1-R244SSTDHSPY	138	407
>MUC1-R244SSTDRSPYEK\	921	>MUC1-R244SSTDHSPYEK\	322	599
>MUC1-R244SSTDRSPYEK	133	>MUC1-R244SSTDHSPYEK	87	46
>MUC1-R244PSSTDRSPY	517	>MUC1-R244PSSTDHSPY	155	362
>MUC1-R244PSSTDRSPY	748	>MUC1-R244PSSTDHSPY	265	483
>MUC1-R244PSSTDRSPY	95	>MUC1-R244PSSTDHSPY	159	64
>MUC1-R244PSSTDRSPY	496	>MUC1-R244PSSTDHSPY	382	114
>MUC1-R244PPSSTDRSPY	63	>MUC1-R244PPSSTDHSPY	93	30
>MUC1-R244VPPSSTDRSP\	26	>MUC1-R244VPPSSTDHSP	26	0
>MUC1-R244YVPPSSTDR	76	>MUC1-R244YVPPSSTDH	13237	13161
>MUC1-R244RYVPPSSTDR	123	>MUC1-R244RYVPPSSTDH	10325	10202
>MUC1-R244RYVPPSSTDR	27	>MUC1-R244RYVPPSSTDH	15983	15956
>MUC1-T137TQFNQYKTE/	609	>MUC1-T137KQFNQYKTE/	324	285
>MUC1-T137TQFNQYKTE/	123	>MUC1-T137KQFNQYKTE/	38	85
>MUC1-T137TQFNQYKTE/	3775	>MUC1-T137KQFNQYKTE/	284	3491
>MUC1-T137TQFNQYKTE/	620	>MUC1-T137KQFNQYKTE/	295	325
>MUC1-T137TQFNQYKT	2725	>MUC1-T137KQFNQYKT	455	2270
>MUC1-T137TQFNQYKTE	1815	>MUC1-T137KQFNQYKTE	235	1580
>MUC1-T137TQFNQYKTE/	179	>MUC1-T137KQFNQYKTE/	31	148
>MUC1-T137TQFNQYKTE/	157	>MUC1-T137KQFNQYKTE/	28	129
>MUC1-T137ETQFNQYK	91	>MUC1-T137EKQFNQYK	18007	17916
>MUC1-T137ETQFNQYK	4	>MUC1-T137EKQFNQYK	810	806

>MUC1-T137ETQFNQYKT	263	>MUC1-T137EKQFNQYKT	18156	17893
>MUC1-T137ETQFNQYKTE	53	>MUC1-T137EKQFNQYKTE	13111	13058
>MUC1-T137EGTINVHDVE	27698	>MUC1-T137EGTINVHDVE	326	27372
>MUC1-T137VETQFNQY	1101	>MUC1-T137VEKQFNQY	453	648
>MUC1-T137VETQFNQY	153	>MUC1-T137VEKQFNQY	193	40
>MUC1-T137VETQFNQY	425	>MUC1-T137VEKQFNQY	629	204
>MUC1-T137VETQFNQY	183	>MUC1-T137VEKQFNQY	420	237
>MUC1-T137DVETQFNQY	435	>MUC1-T137DVEKQFNQY	138	297
>MUC1-T137DVETQFNQY	115	>MUC1-T137DVEKQFNQY	317	202
>MUC1-T137DVETQFNQYI	238	>MUC1-T137DVEKQFNQYI	562	324
>MUC1-T137HDVETQFNQ	460	>MUC1-T137HDVEKQFNQ	397	63
>MUC1-T137INVHDVETQF	107	>MUC1-T137INVHDVEKQF	192	85
>MUC1-T137TINVHDVET	24818	>MUC1-T137TINVHDVEK	55	24763
>MUC1-T137TINVHDVET	21678	>MUC1-T137TINVHDVEK	76	21602
>MUC1-T137GTINVHDVET	27600	>MUC1-T137GTINVHDVEK	325	27275
>MUC1-T137GTINVHDVET	31880	>MUC1-T137GTINVHDVEK	24	31856
>MUC1-T137GTINVHDVET	23747	>MUC1-T137GTINVHDVEK	38	23709
>MUC1-T137GTINVHDVET	5835	>MUC1-T137GTINVHDVEK	180	5655
>MYB-C130Y CRERWHNHL	2502	>MYB-C130Y YRERWHNHL	74	2428
>MYB-C130Y CRERWHNHL	1373	>MYB-C130Y YRERWHNHL	308	1065
>MYB-C130Y CRERWHNHL	53	>MYB-C130Y YRERWHNHL	72	19
>MYB-C130Y QCRERWHNHL	26771	>MYB-C130Y QYRERWHNHL	409	26362
>MYB-C130Y QCRERWHNHL	23937	>MYB-C130Y QYRERWHNHL	75	23862
>MYB-C130Y QCRERWHNHL	4101	>MYB-C130Y QYRERWHNHL	440	3661
>MYB-C130Y QCRERWHNHL	253	>MYB-C130Y QYRERWHNHL	21	232
>MYB-C130Y QCRERWHNHL	14656	>MYB-C130Y QYRERWHNHL	265	14391
>MYB-C130Y QCRERWHNHL	13736	>MYB-C130Y QYRERWHNHL	66	13670
>MYB-C130Y KHLKGRIGKQ	9709	>MYB-C130Y KHLKGRIGKQ	74	9635
>MYB-C130Y KQCRERWHNHL	10708	>MYB-C130Y KQYRERWHNHL	311	10397
>MYB-C130Y KQCRERWHNHL	170	>MYB-C130Y KQYRERWHNHL	29	141
>MYB-C130Y KQCRERWHNHL	736	>MYB-C130Y KQYRERWHNHL	223	513
>MYB-C130Y KQCRERWH	3994	>MYB-C130Y KQYRERWH	390	3604
>MYB-C130Y KQCRERWH	1653	>MYB-C130Y KQYRERWH	115	1538
>MYB-C130Y KQCRERWH	119	>MYB-C130Y KQYRERWH	9	110
>MYB-C130Y KQCRERWH	2239	>MYB-C130Y KQYRERWH	320	1919
>MYB-C130Y KQCRERWH	1426	>MYB-C130Y KQYRERWH	308	1118
>MYB-C130Y IGKQCRER	709	>MYB-C130Y IGKQYRER	266	443
>MYB-C130Y IGKQCRERW	76	>MYB-C130Y IGKQYRERW	86	10
>MYB-C130Y RIGKQCRER	271	>MYB-C130Y RIGKQYRER	36	235
>MYB-C130Y RIGKQCRERV	221	>MYB-C130Y RIGKQYRERV	166	55
>MYB-C130Y RIGKQCRERV	245	>MYB-C130Y RIGKQYRERV	118	127
>MYB-C130Y RIGKQCRER	143	>MYB-C130Y RIGKQYRER	90	53
>MYB-C130Y GRIGKQCR	325	>MYB-C130Y GRIGKQYR	306	19



>MYB-C130Y GRIGKQCRER	134	>MYB-C130Y GRIGKQYRER	64	70
>MYB-C130Y GRIGKQCRER	298	>MYB-C130Y GRIGKQYRER	229	69
>MYB-C130Y KGRIGKQCR	963	>MYB-C130Y KGRIGKQYR	54	909
>MYB-C130Y KGRIGKQCRE	469	>MYB-C130Y KGRIGKQYRE	91	378
>MYB-C130Y KGRIGKQCR	142	>MYB-C130Y KGRIGKQYR	23	119
>MYB-C130Y KGRIGKQCRE	186	>MYB-C130Y KGRIGKQYRE	54	132
>MYB-C130Y KGRIGKQC	15148	>MYB-C130Y KGRIGKQY	52	15096
>MYB-C130Y KGRIGKQCR	1189	>MYB-C130Y KGRIGKQYR	138	1051
>MYB-C130Y LKGRIGKQC	8410	>MYB-C130Y LKGRIGKQY	42	8368
>MYB-C130Y HLKGRIGKQC	2599	>MYB-C130Y HLKGRIGKQY	362	2237
>MYB-C130Y HLKGRIGKQC	44	>MYB-C130Y HLKGRIGKQY	13	31
>MYB-C130Y HLKGRIGKQC	51	>MYB-C130Y HLKGRIGKQY	28	23
>MYB-C130Y HLKGRIGKQC	825	>MYB-C130Y HLKGRIGKQY	343	482
>MYB-C130Y HLKGRIGKQC	19196	>MYB-C130Y HLKGRIGKQY	206	18990
>MYB-C130Y HLKGRIGKQC	13766	>MYB-C130Y HLKGRIGKQY	46	13720
>MYB-C130Y HLKGRIGKQC	409	>MYB-C130Y HLKGRIGKQY	42	367
>MYC-S250I- ETPPTTSS	2587	>MYC-S250I- ETPPTTSI	251	2336
>MYC-S250I- ETPPTTSS	6464	>MYC-S250I- ETPPTTSI	459	6005
>MYC-S250I- ETPPTTSS	21041	>MYC-S250I- ETPPTTSI	395	20646
>MYC-S250I- ETPPTTSS	110	>MYC-S250I- ETPPTTSI	8	102
>MYC-S250I- ETPPTTSS	9683	>MYC-S250I- ETPPTTSI	65	9618
>MYC-S250I- ETPPTTSS	21126	>MYC-S250I- ETPPTTSI	83	21043
>MYC-S250I- ETPPTTSS	23035	>MYC-S250I- ETPPTTSI	29	23006
>MYC-S250I- EETPPTTSS	17788	>MYC-S250I- EETPPTTSI	68	17720
>MYC-S250I- EETPPTTSS	20299	>MYC-S250I- EETPPTTSI	206	20093
>MYC-S250I- HEETPPTTSS	20119	>MYC-S250I- HEETPPTTSI	84	20035
>MYC-S250I- HEETPPTTSS	2096	>MYC-S250I- HEETPPTTSI	260	1836
>MYC-S250I- HEETPPTTSS	13342	>MYC-S250I- HEETPPTTSI	17	13325
>MYCL1-F20! SQALGPSPL	148	>MYCL1-F20! SQALGPSPL	12849	12701
>MYCL1-F20! SQALGPSPL	469	>MYCL1-F20! SQALGPSPL	20179	19710
>MYCL1-F20! SQALGPSPL	11	>MYCL1-F20! SQALGPSPL	8502	8491
>MYCL1-F20! LGPSPLF	101	>MYCL1-F20! LGPSPLC	3225	3124
>MYCL1-F20! LGPSPLF	266	>MYCL1-F20! LGPSPLC	4187	3921
>MYCL1-F20! ALGPSPLF	1386	>MYCL1-F20! ALGPSPLC	102	1284
>MYCL1-F20! ALGPSPLF	338	>MYCL1-F20! ALGPSPLC	20	318
>MYCL1-F20! ALGPSPLF	472	>MYCL1-F20! ALGPSPLC	18809	18337
>MYCL1-F20! ALGPSPLF	105	>MYCL1-F20! ALGPSPLC	19573	19468
>MYCL1-F20! ALGPSPLF	355	>MYCL1-F20! ALGPSPLC	24599	24244
>MYCL1-F20! QALGPSPLF	332	>MYCL1-F20! QALGPSPLC	38302	37970
>MYCL1-F20! QALGPSPLF	190	>MYCL1-F20! QALGPSPLC	21449	21259
>MYCL1-F20! QALGPSPLF	10	>MYCL1-F20! QALGPSPLC	13376	13366
>MYCL1-F20! QALGPSPLF	286	>MYCL1-F20! QALGPSPLC	16806	16520
>MYCL1-P14! PAPAAPCPL	12077	>MYCL1-P14! TAPAAPCPL	44	12033

>MYCL1-P14 PAPAAPCPL	427	>MYCL1-P14 TAPAAPCPL	25	402
>MYCL1-P14 PAPAAPCPLG	3217	>MYCL1-P14 TAPAAPCPLG	431	2786
>MYCL1-P14 NPAPAAPCPL	15871	>MYCL1-P14 NTAPAAPCPL	482	15389
>MYCL1-P14 NPAPAAPC	12622	>MYCL1-P14 NTAPAAPC	137	12485
>MYCL1-P14 NPAPAAPCPL	25401	>MYCL1-P14 NTAPAAPCPL	351	25050
>MYCL1-P14 NPAPAAPCPL	299	>MYCL1-P14 NTAPAAPCPL	15	284
>MYCL1-P14 NPAPAAPC	262	>MYCL1-P14 NTAPAAPC	19870	19608
>MYCL1-P14 NPAPAAPCPL	146	>MYCL1-P14 NTAPAAPCPL	22321	22175
>MYCL1-P14 NPAPAAPCPL	22298	>MYCL1-P14 NTAPAAPCPL	48	22250
>MYCL1-P14 NPAPAAPC	297	>MYCL1-P14 NTAPAAPC	13088	12791
>MYCL1-P14 NPAPAAPCPL	318	>MYCL1-P14 NTAPAAPCPL	31797	31479
>MYCL1-P14 NPAPAAPCPL	23	>MYCL1-P14 NTAPAAPCPL	522	499
>MYCL1-P14 EAGNPAPA	171	>MYCL1-P14 EAGNTAPA	182	11
>MYCL1-P14 EAGNPAPAA	67	>MYCL1-P14 EAGNTAPAA	163	96
>MYCL1-P14 LEAGNPAPA	911	>MYCL1-P14 LEAGNTAPA	322	589
>MYCL1-P14 LEAGNPAPA	98	>MYCL1-P14 LEAGNTAPA	59	39
>MYCL1-P14 SLEAGNPA	335	>MYCL1-P14 SLEAGNTA	610	275
>MYCL1-P14 SLEAGNPAPA	136	>MYCL1-P14 SLEAGNTAPA	103	33
>MYCL1-P14 SLEAGNPA	463	>MYCL1-P14 SLEAGNTA	613	150
>MYCL1-P14 SLEAGNPAPA	96	>MYCL1-P14 SLEAGNTAPA	103	7
>MYCL1-P14 SLEAGNPAPA	153	>MYCL1-P14 SLEAGNTAPA	314	161
>MYCL1-P14 SLEAGNPAPA	254	>MYCL1-P14 SLEAGNTAPA	424	170
>MYCL1-P14 SLEAGNPAPA	286	>MYCL1-P14 SLEAGNTAPA	233	53
>MYCL1-P14 SLEAGNPAPA	481	>MYCL1-P14 SLEAGNTAPA	659	178
>MYCL1-P14 SLEAGNPAPA	412	>MYCL1-P14 SLEAGNTAPA	491	79
>MYCL1-P14 SLEAGNPA	59	>MYCL1-P14 SLEAGNTA	27	32
>MYCL1-P14 SLEAGNPAPA	19	>MYCL1-P14 SLEAGNTAPA	13	6
>MYCL1-P14 SLEAGNPAPA	24	>MYCL1-P14 SLEAGNTAPA	24	0
>MYCL1-P14 TPSLEAGNPA	469	>MYCL1-P14 TPSLEAGNTA	377	92
>MYCL1-P14 CTPSLEAGNP	98	>MYCL1-P14 CTPSLEAGNT	668	570
>MYCL1-P14 CTPSLEAGNP	184	>MYCL1-P14 CTPSLEAGNT	192	8
>MYCN-L402 LTLRDHVPEL	1993	>MYCN-L402 FTLRDHVPEL	232	1761
>MYCN-L402 LTLRDHVPEL'	1372	>MYCN-L402 FTLRDHVPEL'	73	1299
>MYCN-L402 LTLRDHVPEL	1002	>MYCN-L402 FTLRDHVPEL	226	776
>MYCN-L402 LTLRDHVPEL'	1538	>MYCN-L402 FTLRDHVPEL'	152	1386
>MYCN-L402 LTLRDHVPEL	1533	>MYCN-L402 FTLRDHVPEL	368	1165
>MYCN-L402 LTLRDHVPEL'	2076	>MYCN-L402 FTLRDHVPEL'	291	1785
>MYCN-L402 LTLRDHVPEL	187	>MYCN-L402 FTLRDHVPEL	47	140
>MYCN-L402 LTLRDHVPEL'	305	>MYCN-L402 FTLRDHVPEL'	17	288
>MYCN-L402 LTLRDHVPEL	133	>MYCN-L402 FTLRDHVPEL	19	114
>MYCN-L402 LTLRDHVPEL'	25	>MYCN-L402 FTLRDHVPEL'	5	20
>MYCN-L402 LTLRDHVPEL	2257	>MYCN-L402 FTLRDHVPEL	227	2030
>MYCN-L402 LTLRDHVPEL'	1039	>MYCN-L402 FTLRDHVPEL'	78	961

>MYCN-L402 LTLRDHVPEL	895	>MYCN-L402 FTLRDHVPEL	100	795
>MYCN-L402 LTLRDHVPEL'	246	>MYCN-L402 FTLRDHVPEL'	25	221
>MYCN-L402 LTLRDHVPEL'	1985	>MYCN-L402 FTLRDHVPEL'	423	1562
>MYCN-L402 LTLRDHVPEL	336	>MYCN-L402 FTLRDHVPEL	63	273
>MYCN-L402 LTLRDHVPEL'	148	>MYCN-L402 FTLRDHVPEL'	32	116
>MYCN-L402 LTLRDHVPEL	510	>MYCN-L402 FTLRDHVPEL	180	330
>MYCN-L402 LTLRDHVPEL'	188	>MYCN-L402 FTLRDHVPEL'	24	164
>MYCN-L402 LTLRDHVPEL	150	>MYCN-L402 FTLRDHVPEL	16	134
>MYCN-L402 LTLRDHVPEL'	87	>MYCN-L402 FTLRDHVPEL'	11	76
>MYCN-L402 LTLRDHVPEL	753	>MYCN-L402 FTLRDHVPEL	371	382
>MYCN-L402 LTLRDHVPEL	24	>MYCN-L402 FTLRDHVPEL	32	8
>MYCN-L402 LTLRDHVPEL'	305	>MYCN-L402 FTLRDHVPEL'	340	35
>MYCN-L402 FLTLRDHV	80	>MYCN-L402 FFTLRDHV	13786	13706
>MYCN-L402 FLTLRDHVPE	28	>MYCN-L402 FFTLRDHVPE	5424	5396
>MYCN-L402 FLTLRDHV	8	>MYCN-L402 FFTLRDHV	1019	1011
>MYCN-L402 FLTLRDHVPE	7	>MYCN-L402 FFTLRDHVPE	440	433
>MYCN-L402 FLTLRDHV	18	>MYCN-L402 FFTLRDHV	9949	9931
>MYCN-L402 FLTLRDHVPE	35	>MYCN-L402 FFTLRDHVPE	9076	9041
>MYCN-L402 FLTLRDHV	19	>MYCN-L402 FFTLRDHV	2455	2436
>MYCN-L402 FLTLRDHVPE	57	>MYCN-L402 FFTLRDHVPE	2256	2199
>MYCN-L402 FLTLRDHV	18	>MYCN-L402 FFTLRDHV	8541	8523
>MYCN-L402 FLTLRDHVPE	21	>MYCN-L402 FFTLRDHVPE	5615	5594
>MYCN-L402 FLTLRDHV	11	>MYCN-L402 FFTLRDHV	10318	10307
>MYCN-L402 FLTLRDHVPE	21	>MYCN-L402 FFTLRDHVPE	11289	11268
>MYCN-L402 FLTLRDHV	7	>MYCN-L402 FFTLRDHV	2531	2524
>MYCN-L402 FLTLRDHVPE	10	>MYCN-L402 FFTLRDHVPE	4141	4131
>MYCN-L402 FLTLRDHV	80	>MYCN-L402 FFTLRDHV	17067	16987
>MYCN-L402 FLTLRDHVPE	64	>MYCN-L402 FFTLRDHVPE	13617	13553
>MYCN-L402 FLTLRDHV	3	>MYCN-L402 FFTLRDHV	775	772
>MYCN-L402 FLTLRDHVPE	3	>MYCN-L402 FFTLRDHVPE	1049	1046
>MYCN-L402 FLTLRDHVPE	11393	>MYCN-L402 FFTLRDHVPE	106	11287
>MYCN-L402 FLTLRDHVPE	253	>MYCN-L402 FFTLRDHVPE	2635	2382
>MYCN-L402 QRRNDRSSF	288	>MYCN-L402 QRRNDRSSF	19	269
>MYCN-L402 QRRNDRSSF	2283	>MYCN-L402 QRRNDRSSF	343	1940
>MYCN-L402 QRRNDRSSF	130	>MYCN-L402 QRRNDRSSF	463	333
>MYCN-L402 QRRNDRSSF	36	>MYCN-L402 QRRNDRSSF	98	62
>MYCN-L402 SFLTLRDHV	37	>MYCN-L402 SFFTTLRDHV	47	10
>MYCN-L402 SFLTLRDHV	469	>MYCN-L402 SFFTTLRDHV	438	31
>MYCN-L402 SFLTLRDHV	166	>MYCN-L402 SFFTTLRDHV	138	28
>MYCN-L402 SSFLTLRDHV	188	>MYCN-L402 SSFFTTLRDHV	42	146
>MYCN-L402 SSFLTLRDH	1128	>MYCN-L402 SSFFTTLRDH	439	689
>MYCN-L402 SSFLTLRDH	888	>MYCN-L402 SSFFTTLRDH	312	576
>MYCN-L402 RSSFLTLR	295	>MYCN-L402 RSSFFTTLR	165	130

>MYCN-L402 RSSFLTLR	52	>MYCN-L402 RSSFFTLR	22	30
>MYCN-L402 RSSFLTLRDH\	613	>MYCN-L402 RSSFFTLRDH\	336	277
>MYCN-L402 RSSFLTLR	9	>MYCN-L402 RSSFFTLR	7	2
>MYCN-L402 RSSFLTLRDH	553	>MYCN-L402 RSSFFTLRDH	222	331
>MYCN-L402 RSSFLTLR	53	>MYCN-L402 RSSFFTLR	24	29
>MYCN-L402 RSSFLTLRDH\	636	>MYCN-L402 RSSFFTLRDH\	440	196
>MYCN-L402 RSSFLTLR	597	>MYCN-L402 RSSFFTLR	350	247
>MYCN-L402 RSSFLTLR	400	>MYCN-L402 RSSFFTLR	164	236
>MYCN-L402 RSSFLTLR	139	>MYCN-L402 RSSFFTLR	51	88
>MYCN-L402 LRSSFLTLR	676	>MYCN-L402 LRSSFFTLR	325	351
>MYCN-L402 LRSSFLT	83	>MYCN-L402 LRSSFFTL	78	5
>MYCN-L402 LRSSFLTLR	1254	>MYCN-L402 LRSSFFTLR	496	758
>MYCN-L402 LRSSFLT	123	>MYCN-L402 LRSSFFTL	99	24
>MYCN-L402 LRSSFLTLR	91	>MYCN-L402 LRSSFFTLR	74	17
>MYCN-L402 LRSSFLT	251	>MYCN-L402 LRSSFFTL	137	114
>MYCN-L402 LRSSFLTLR	1293	>MYCN-L402 LRSSFFTLR	337	956
>MYCN-L402 LRSSFLTLR	739	>MYCN-L402 LRSSFFTLR	124	615
>MYCN-L402 DLRSSFLT	192	>MYCN-L402 DLRSSFFTL	52	140
>MYCN-L402 DLRSSFLT	363	>MYCN-L402 DLRSSFFTL	998	635
>MYCN-L402 DLRSSFLTLR	114	>MYCN-L402 DLRSSFFTLR	61	53
>MYCN-L402 DLRSSFLTLR	44	>MYCN-L402 DLRSSFFTLR	28	16
>MYCN-L402 DLRSSFLTLR	162	>MYCN-L402 DLRSSFFTLR	174	12
>MYCN-L402 DLRSSFLT	56	>MYCN-L402 DLRSSFFTL	140	84
>MYCN-L402 DLRSSFLT	491	>MYCN-L402 DLRSSFFTL	1081	590
>MYCN-L402 NDLRSSFLT	171	>MYCN-L402 NDLRSSFFTL	94	77
>MYCN-L402 RNDLRSSFL	1596	>MYCN-L402 RNDLRSSFF	158	1438
>MYCN-L402 RRNDLRSSFL	231	>MYCN-L402 RRNDLRSSFF	13	218
>MYCN-L402 RRNDLRSSFL	11	>MYCN-L402 RRNDLRSSFF	15	4
>MYCN-L402 RRNDLRSSFL	214	>MYCN-L402 RRNDLRSSFF	288	74
>MYCN-L402 RRNDLRSSFL	40	>MYCN-L402 RRNDLRSSFF	209	169
>MYCN-L402 RRNDLRSSFL	210	>MYCN-L402 RRNDLRSSFF	283	73
>MYCN-L402 RRNDLRSSFL	20	>MYCN-L402 RRNDLRSSFF	56	36
>MYCN-P358 PLKSVIPPKA	6514	>MYCN-P358 LLKSVIPPKA	311	6203
>MYCN-P358 PLKSVIPPKA	3547	>MYCN-P358 LLKSVIPPKA	117	3430
>MYCN-P358 PLKSVIPPKA	2932	>MYCN-P358 LLKSVIPPKA	153	2779
>MYCN-P358 PLKSVIPPKA	716	>MYCN-P358 LLKSVIPPKA	17	699
>MYCN-P358 PLKSVIPPK	607	>MYCN-P358 LLKSVIPPK	55	552
>MYCN-P358 PLKSVIPPKAK	2244	>MYCN-P358 LLKSVIPPKAK	151	2093
>MYCN-P358 PLKSVIPPK	2849	>MYCN-P358 LLKSVIPPK	162	2687
>MYCN-P358 PLKSVIPPK	36	>MYCN-P358 LLKSVIPPK	9	27
>MYCN-P358 PLKSVIPPKAK	457	>MYCN-P358 LLKSVIPPKAK	62	395
>MYCN-P358 PLKSVIPPK	2475	>MYCN-P358 LLKSVIPPK	69	2406
>MYCN-P358 RPLKSVIPPKA	22751	>MYCN-P358 RLLKSVIPPKA	104	22647

>MYCN-P358 RPLKSVIPPKA	22369	>MYCN-P358 RLLKSVIPPKA	208	22161
>MYCN-P358 RPLKSVIPPKA	21988	>MYCN-P358 RLLKSVIPPKA	452	21536
>MYCN-P358 RPLKSVIPPK	28308	>MYCN-P358 RLLKSVIPPK	459	27849
>MYCN-P358 RPLKSVIPPKA	19861	>MYCN-P358 RLLKSVIPPKA	13	19848
>MYCN-P358 RPLKSVIPPKA	23072	>MYCN-P358 RLLKSVIPPKA	122	22950
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>MYCN-P358 RPLKSVIPPKA	20914	>MYCN-P358 RLLKSVIPPKA	194	20720
>MYCN-P358 RPLKSVIPPKA	34704	>MYCN-P358 RLLKSVIPPKA	36	34668
>MYCN-P358 RPLKSVIPPK	3501	>MYCN-P358 RLLKSVIPPK	23	3478
>MYCN-P358 RPLKSVIPPK	3283	>MYCN-P358 RLLKSVIPPK	47	3236
>MYCN-P358 RPLKSVIPPK	953	>MYCN-P358 RLLKSVIPPK	6	947
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>MYCN-P358 RPLKSVIPPK	3142	>MYCN-P358 RLLKSVIPPK	493	2649
>MYCN-P358 RPLKSVIPPKA	494	>MYCN-P358 RLLKSVIPPKA	31832	31338
>MYCN-P358 RPLKSVIPPK	10823	>MYCN-P358 RLLKSVIPPK	141	10682
>MYCN-P358 RPLKSVIPPK	521	>MYCN-P358 RLLKSVIPPK	171	350
>MYCN-P358 KIKSEASPRL	1037	>MYCN-P358 KIKSEASPRL	32	1005
>MYCN-P358 SPRPLKSV	18	>MYCN-P358 SPRLLKSV	21	3
>MYCN-P358 SPRPLKSVI	13	>MYCN-P358 SPRLLKSVI	13	0
>MYCN-P358 SPRPLKSV	876	>MYCN-P358 SPRLLKSV	236	640
>MYCN-P358 SPRPLKSVI	595	>MYCN-P358 SPRLLKSVI	173	422
>MYCN-P358 SPRPLKSVI	56	>MYCN-P358 SPRLLKSVI	165	109
>MYCN-P358 ASPRPLKSVI	433	>MYCN-P358 ASPRLLKSVI	863	430
>MYCN-P358 ASPRPLKSV	52	>MYCN-P358 ASPRLLKSV	123	71
>MYCN-P358 ASPRPLKSVI	29	>MYCN-P358 ASPRLLKSVI	60	31
>MYCN-P358 ASPRPLKSVI	118	>MYCN-P358 ASPRLLKSVI	118	0
>MYCN-P358 EASPRPLK	587	>MYCN-P358 EASPRLLK	309	278
>MYCN-P358 EASPRPLK	33	>MYCN-P358 EASPRLLK	33	0
>MYCN-P358 EASPRPLKSVI	474	>MYCN-P358 EASPRLLKSVI	508	34
>MYCN-P358 EASPRPLKSV	340	>MYCN-P358 EASPRLLKSV	348	8
>MYCN-P358 EASPRPLKSVI	227	>MYCN-P358 EASPRLLKSVI	291	64
>MYCN-P358 SEASPRPL	91	>MYCN-P358 SEASPRLL	15	76
>MYCN-P358 SEASPRPLKS\	142	>MYCN-P358 SEASPRLLKS\	73	69
>MYCN-P358 SEASPRPL	167	>MYCN-P358 SEASPRLL	196	29
>MYCN-P358 SEASPRPLKS\	109	>MYCN-P358 SEASPRLLKS\	123	14
>MYCN-P358 SEASPRPLKS\	44	>MYCN-P358 SEASPRLLKS\	46	2
>MYCN-P358 KSEASPRPLK	883	>MYCN-P358 KSEASPRLLK	127	756
>MYCN-P358 KSEASPRPLK	182	>MYCN-P358 KSEASPRLLK	48	134
>MYCN-P358 KSEASPRPL	481	>MYCN-P358 KSEASPRLL	1258	777
>MYCN-P358 KSEASPRPLK	9	>MYCN-P358 KSEASPRLLK	11	2
>MYCN-P358 KSEASPRP	9769	>MYCN-P358 KSEASPRL	7	9762
>MYCN-P358 KSEASPRPL	7	>MYCN-P358 KSEASPRLL	13	6
>MYCN-P358 KSEASPRPL	1842	>MYCN-P358 KSEASPRLL	273	1569

>MYCN-P358 IKSEASPRP	4520	>MYCN-P358 IKSEASPRL	104	4416
>MYCN-P358 IKSEASPRPL	16	>MYCN-P358 IKSEASPRLL	70	54
>MYCN-P358 KIKSEASPRPL	164	>MYCN-P358 KIKSEASPRLL	348	184
>MYCN-P358 KIKSEASPRP	440	>MYCN-P358 KIKSEASPRL	45	395
>MYCN-P358 KIKSEASPRPL	30	>MYCN-P358 KIKSEASPRLL	60	30
>MYCN-P358 KIKSEASPRPL	481	>MYCN-P358 KIKSEASPRLL	2313	1832
>MYCN-P44L PPGEDIWKKF	9833	>MYCN-P44L LPGEDIWKKF	199	9634
>MYCN-P44L PPGEDIWKKF	3265	>MYCN-P44L LPGEDIWKKF	184	3081
>MYCN-P44L PPGEDIWKKF	1726	>MYCN-P44L LPGEDIWKKF	80	1646
>MYCN-P44L TPPGEDIWKK	289	>MYCN-P44L TLPGEDIWKK	7371	7082
>MYCN-P44L TPPGEDIWKK	37032	>MYCN-P44L TLPGEDIWKK	425	36607
>MYCN-P44L TPPGEDIWKK	9361	>MYCN-P44L TLPGEDIWKK	305	9056
>MYCN-P44L TPPGEDIWKK	474	>MYCN-P44L TLPGEDIWKK	11034	10560
>MYCN-P44L TPPGEDIW	63	>MYCN-P44L TLPGEDIW	18495	18432
>MYCN-P44L TPPGEDIW	46	>MYCN-P44L TLPGEDIW	10461	10415
>MYCN-P44L STPPGEDIWK	681	>MYCN-P44L STLPGEDIWK	94	587
>MYCN-P44L STPPGEDIWK	16	>MYCN-P44L STLPGEDIWK	9	7
>MYCN-P44L STPPGEDIWK	71	>MYCN-P44L STLPGEDIWK	17	54
>MYCN-P44L STPPGEDIWK	3688	>MYCN-P44L STLPGEDIWK	281	3407
>MYCN-P44L STPPGEDIWK	26	>MYCN-P44L STLPGEDIWK	36	10
>MYCN-P44L STPPGEDIWK	449	>MYCN-P44L STLPGEDIWK	319	130
>MYCN-P44L STPPGEDI	7251	>MYCN-P44L STLPGEDI	201	7050
>MYCN-P44L STPPGEDIW	374	>MYCN-P44L STLPGEDIW	7	367
>MYCN-P44L STPPGEDIW	349	>MYCN-P44L STLPGEDIW	67	282
>MYCN-P44L STPPGEDIW	2168	>MYCN-P44L STLPGEDIW	20	2148
>MYCN-P44L STPPGEDI	8	>MYCN-P44L STLPGEDI	4190	4182
>MYCN-P44L STPPGEDIW	105	>MYCN-P44L STLPGEDIW	18423	18318
>MYCN-P44L STPPGEDIW	3214	>MYCN-P44L STLPGEDIW	142	3072
>MYCN-P44L STPPGEDIWK	629	>MYCN-P44L STLPGEDIWK	91	538
>MYCN-P44L STPPGEDIWK	568	>MYCN-P44L STLPGEDIWK	94	474
>MYCN-P44L STPPGEDI	48	>MYCN-P44L STLPGEDI	26	22
>MYCN-P44L DSTPPGEDIW	231	>MYCN-P44L DSTLPGEDIW	172	59
>MYCN-P44L DSTPPGEDIW	402	>MYCN-P44L DSTLPGEDIW	1823	1421
>MYCN-P44L DSTPPGEDIW	342	>MYCN-P44L DSTLPGEDIW	1729	1387
>MYCN-P44L PDSTPPGEDI	288	>MYCN-P44L PDSTLPGEDI	169	119
>MYCN-P44L GGPDPSTPGE	459	>MYCN-P44L GGPDPSTLPE	491	32
>MYCN-P44L YFGGPDSTP	9026	>MYCN-P44L YFGGPDSTL	61	8965
>MYCN-P44L YFGGPDSTP	9588	>MYCN-P44L YFGGPDSTL	311	9277
>MYCN-P44L YFGGPDSTP	11035	>MYCN-P44L YFGGPDSTL	393	10642
>MYCN-P44L FYFGGPDSTP	4664	>MYCN-P44L FYFGGPDSTL	7	4657
>MYCN-P44L FYFGGPDSTP	14124	>MYCN-P44L FYFGGPDSTL	128	13996
>MYCN-P44L FYFGGPDSTP	14901	>MYCN-P44L FYFGGPDSTL	165	14736
>MYCN-P44L FYFGGPDSTP	27938	>MYCN-P44L FYFGGPDSTL	152	27786

>MYCN-P44L FYFGGPDSTP	25388	>MYCN-P44L FYFGGPDSTL	165	25223
>MYCN-P44L FYFGGPDSTP	11756	>MYCN-P44L FYFGGPDSTL	70	11686
>MYCN-P44L FYFGGPDSTP	1097	>MYCN-P44L FYFGGPDSTL	6	1091
>MYCN-P44L FYFGGPDSTP	11243	>MYCN-P44L FYFGGPDSTL	463	10780
>MYCN-P44L FYFGGPDSTP	18667	>MYCN-P44L FYFGGPDSTL	124	18543
>MYCN-P44L FYFGGPDSTP	6408	>MYCN-P44L FYFGGPDSTL	65	6343
>MYCN-P74L PPSWVTEM	898	>MYCN-P74L LPSWVTEM	47	851
>MYCN-P74L PPSWVTEML	1576	>MYCN-P74L LPSWVTEML	97	1479
>MYCN-P74L PPSWVTEM	92	>MYCN-P74L LPSWVTEM	9	83
>MYCN-P74L PPSWVTEML	1913	>MYCN-P74L LPSWVTEML	71	1842
>MYCN-P74L PPSWVTEM	310	>MYCN-P74L LPSWVTEM	39	271
>MYCN-P74L PPSWVTEML	369	>MYCN-P74L LPSWVTEML	44	325
>MYCN-P74L PPSWVTEM	8224	>MYCN-P74L LPSWVTEM	483	7741
>MYCN-P74L PPSWVTEML	3632	>MYCN-P74L LPSWVTEML	144	3488
>MYCN-P74L PPSWVTEML	6564	>MYCN-P74L LPSWVTEML	346	6218
>MYCN-P74L EPPSWVTE	238	>MYCN-P74L ELPSWVTE	2701	2463
>MYCN-P74L EPPSWVTEM	85	>MYCN-P74L ELPSWVTEM	921	836
>MYCN-P74L EPPSWVTEM	141	>MYCN-P74L ELPSWVTEM	1054	913
>MYCN-P74L EPPSWVTEM	98	>MYCN-P74L ELPSWVTEM	876	778
>MYCN-P74L EPPSWVTEM	382	>MYCN-P74L ELPSWVTEM	35765	35383
>MYCN-P74L EPPSWVTEM	15423	>MYCN-P74L ELPSWVTEM	39	15384
>MYCN-P74L EPPSWVTEM	31451	>MYCN-P74L ELPSWVTEM	380	31071
>MYCN-P74L EPPSWVTEM	24448	>MYCN-P74L ELPSWVTEM	318	24130
>MYCN-P74L EPPSWVTEM	25258	>MYCN-P74L ELPSWVTEM	64	25194
>MYCN-P74L EPPSWVTEM	21035	>MYCN-P74L ELPSWVTEM	13	21022
>MYCN-P74L EPPSWVTEM	25347	>MYCN-P74L ELPSWVTEM	103	25244
>MYCN-P74L EPPSWVTEM	26198	>MYCN-P74L ELPSWVTEM	473	25725
>MYCN-P74L EPPSWVTEM	25199	>MYCN-P74L ELPSWVTEM	58	25141
>MYCN-P74L EPPSWVTEM	25645	>MYCN-P74L ELPSWVTEM	145	25500
>MYCN-P74L EPPSWVTEM	24136	>MYCN-P74L ELPSWVTEM	274	23862
>MYCN-P74L EPPSWVTEM	23379	>MYCN-P74L ELPSWVTEM	42	23337
>MYCN-P74L EPPSWVTEM	24230	>MYCN-P74L ELPSWVTEM	256	23974
>MYCN-P74L EPPSWVTEM	34352	>MYCN-P74L ELPSWVTEM	42	34310
>MYCN-P74L EPPSWVTEM	30441	>MYCN-P74L ELPSWVTEM	17	30424
>MYCN-P74L EPPSWVTEM	28765	>MYCN-P74L ELPSWVTEM	16	28749
>MYCN-P74L EPPSWVTEM	7424	>MYCN-P74L ELPSWVTEM	294	7130
>MYCN-P74L EPPSWVTEM	379	>MYCN-P74L ELPSWVTEM	86	293
>MYCN-P74L EPPSWVTEM	8314	>MYCN-P74L ELPSWVTEM	392	7922
>MYCN-P74L EPPSWVTEM	3073	>MYCN-P74L ELPSWVTEM	345	2728
>MYCN-P74L EPPSWVTEM	1154	>MYCN-P74L ELPSWVTEM	274	880
>MYCN-P74L EPPSWVTEM	467	>MYCN-P74L ELPSWVTEM	187	280
>MYCN-P74L EPPSWVTEM	34	>MYCN-P74L ELPSWVTEM	3805	3771
>MYCN-P74L EPPSWVTEM	596	>MYCN-P74L ELPSWVTEM	261	335

>MYCN-P74L EPPSWVTEM	484	>MYCN-P74L ELPSWVTEM	221	263
>MYCN-P74L EPPSWVTEM	2726	>MYCN-P74L ELPSWVTEM	431	2295
>MYCN-P74L SRGFAEHSSE	16471	>MYCN-P74L SRGFAEHSSE	123	16348
>MYCN-P74L SEPPSWVTEM	149	>MYCN-P74L SELPSWVTEM	58	91
>MYCN-P74L SEPPSWVTEM	74	>MYCN-P74L SELPSWVTEM	30	44
>MYCN-P74L SEPPSWVTEM	2322	>MYCN-P74L SELPSWVTEM	244	2078
>MYCN-P74L SEPPSWVTEM	299	>MYCN-P74L SELPSWVTEM	17	282
>MYCN-P74L SEPPSWVT	2108	>MYCN-P74L SELPSWVT	195	1913
>MYCN-P74L SEPPSWVTEM	451	>MYCN-P74L SELPSWVTEM	396	55
>MYCN-P74L SEPPSWVTEM	1192	>MYCN-P74L SELPSWVTEM	93	1099
>MYCN-P74L SEPPSWVTEM	1020	>MYCN-P74L SELPSWVTEM	285	735
>MYCN-P74L SEPPSWVTEM	2383	>MYCN-P74L SELPSWVTEM	156	2227
>MYCN-P74L SEPPSWVT	978	>MYCN-P74L SELPSWVT	22	956
>MYCN-P74L SEPPSWVTEM	9895	>MYCN-P74L SELPSWVTEM	450	9445
>MYCN-P74L SEPPSWVTEM	2412	>MYCN-P74L SELPSWVTEM	169	2243
>MYCN-P74L SEPPSWVTEM	199	>MYCN-P74L SELPSWVTEM	30	169
>MYCN-P74L SSEPPSWVTE	20	>MYCN-P74L SSELPSWVTE	60	40
>MYCN-P74L SSEPPSWVTE	388	>MYCN-P74L SSELPSWVTE	941	553
>MYCN-P74L SSEPPSWVTE	29	>MYCN-P74L SSELPSWVTE	52	23
>MYCN-P74L SSEPPSWVTE	461	>MYCN-P74L SSELPSWVTE	2120	1659
>MYCN-P74L HSSEPPSWV	2298	>MYCN-P74L HSSELPSWV	470	1828
>MYCN-P74L HSSEPPSWV	32	>MYCN-P74L HSSELPSWV	41	9
>MYCN-P74L HSSEPPSWV	162	>MYCN-P74L HSSELPSWV	413	251
>MYCN-P74L HSSEPPSW	6	>MYCN-P74L HSSELPSW	8	2
>MYCN-P74L HSSEPPSWV	222	>MYCN-P74L HSSELPSWV	480	258
>MYCN-P74L HSSEPPSW	720	>MYCN-P74L HSSELPSW	428	292
>MYCN-P74L HSSEPPSW	43	>MYCN-P74L HSSELPSW	44	1
>MYCN-P74L HSSEPPSW	11	>MYCN-P74L HSSELPSW	11	0
>MYCN-P74L HSSEPPSWV	301	>MYCN-P74L HSSELPSWV	276	25
>MYCN-P74L HSSEPPSW	481	>MYCN-P74L HSSELPSW	285	196
>MYCN-P74L EHSSEPPSW	112	>MYCN-P74L EHSSELPSW	77	35
>MYCN-P74L AEHSSEPPSW	254	>MYCN-P74L AEHSSELPSW	178	76
>MYCN-P74L AEHSSEPPS	135	>MYCN-P74L AEHSSELPS	91	44
>MYCN-P74L AEHSSEPPSW	600	>MYCN-P74L AEHSSELPSW	264	336
>MYCN-P74L AEHSSEPPSW	28	>MYCN-P74L AEHSSELPSW	23	5
>MYCN-P74L AEHSSEPPSW	151	>MYCN-P74L AEHSSELPSW	168	17
>MYCN-P74L AEHSSEPPSW	544	>MYCN-P74L AEHSSELPSW	288	256
>MYCN-P74L AEHSSEPP	176	>MYCN-P74L AEHSSELP	504	328
>MYCN-P74L AEHSSEPPS	14	>MYCN-P74L AEHSSELPS	21	7
>MYCN-P74L AEHSSEPPSW	11	>MYCN-P74L AEHSSELPSW	11	0
>MYCN-P74L AEHSSEPPSW	194	>MYCN-P74L AEHSSELPSW	207	13
>MYCN-P74L AEHSSEPPSW	61	>MYCN-P74L AEHSSELPSW	54	7
>MYCN-P74L FAEHSSEP	20276	>MYCN-P74L FAEHSSEL	289	19987



>MYCN-P74L FAEHSSEP	21204	>MYCN-P74L FAEHSSEL	123	21081
>MYCN-P74L FAEHSSEPPS\	16	>MYCN-P74L FAEHSSELPS\	16	0
>MYCN-P74L FAEHSSEP	8962	>MYCN-P74L FAEHSSEL	191	8771
>MYCN-P74L FAEHSSEPPS\	28	>MYCN-P74L FAEHSSELPS\	26	2
>MYCN-P74L FAEHSSEPPS\	66	>MYCN-P74L FAEHSSELPS\	66	0
>MYCN-P74L FAEHSSEPPS\	28	>MYCN-P74L FAEHSSELPS\	15	13
>MYCN-P74L FAEHSSEPPS\	208	>MYCN-P74L FAEHSSELPS\	165	43
>MYCN-P74L GFAEHSSEP	8311	>MYCN-P74L GFAEHSSEL	71	8240
>MYCN-P74L RGFAEHSSEP	6025	>MYCN-P74L RGFAEHSSEL	163	5862
>MYCN-P74L RGFAEHSSEP	17624	>MYCN-P74L RGFAEHSSEL	51	17573
>MYH11-I78\ITDVIMAF	135	>MYH11-I78\TTDVIMAF	88	47
>MYH11-I78\ITDVIMAF	370	>MYH11-I78\TTDVIMAF	530	160
>MYH11-I78\ITDVIMAFQ	1039	>MYH11-I78\TTDVIMAFQ	270	769
>MYH11-I78\ITDVIMAFQA	909	>MYH11-I78\TTDVIMAFQ/	50	859
>MYH11-I78\ITDVIMAFQA	1093	>MYH11-I78\TTDVIMAFQ/	75	1018
>MYH11-I78\ITDVIMAF	9	>MYH11-I78\TTDVIMAF	41	32
>MYH11-I78\ITDVIMAFQA	24	>MYH11-I78\TTDVIMAFQ/	195	171
>MYH11-I78\ITDVIMAF	163	>MYH11-I78\TTDVIMAF	1369	1206
>MYH11-I78\ITDVIMAFQA	153	>MYH11-I78\TTDVIMAFQ/	197	44
>MYH11-I78\ITDVIMAF	61	>MYH11-I78\TTDVIMAF	44	17
>MYH11-I78\ITDVIMAFQA	47	>MYH11-I78\TTDVIMAFQ/	167	120
>MYH11-I78\KITDVIMA	278	>MYH11-I78\KTDDVIMA	1526	1248
>MYH11-I78\KITDVIMAFQ	215	>MYH11-I78\KTDDVIMAFC	1079	864
>MYH11-I78\KITDVIMAFQ	241	>MYH11-I78\KTDDVIMAFC	1046	805
>MYH11-I78\KITDVIMA	200	>MYH11-I78\KTDDVIMA	1258	1058
>MYH11-I78\KITDVIMAFQ	225	>MYH11-I78\KTDDVIMAFC	1345	1120
>MYH11-I78\KITDVIMA	60	>MYH11-I78\KTDDVIMA	235	175
>MYH11-I78\KITDVIMAF	75	>MYH11-I78\KTDDVIMAF	156	81
>MYH11-I78\KITDVIMAFQ	32	>MYH11-I78\KTDDVIMAFC	95	63
>MYH11-I78\KITDVIMA	110	>MYH11-I78\KTDDVIMA	486	376
>MYH11-I78\KITDVIMAFQ	114	>MYH11-I78\KTDDVIMAFC	437	323
>MYH11-I78\KITDVIMA	181	>MYH11-I78\KTDDVIMA	1385	1204
>MYH11-I78\KITDVIMAFQ	129	>MYH11-I78\KTDDVIMAFC	831	702
>MYH11-I78\KITDVIMA	152	>MYH11-I78\KTDDVIMA	4080	3928
>MYH11-I78\KITDVIMAFQ	43	>MYH11-I78\KTDDVIMAFC	1220	1177
>MYH11-I78\KITDVIMAF	2123	>MYH11-I78\KTDDVIMAF	299	1824
>MYH11-I78\KITDVIMA	2078	>MYH11-I78\KTDDVIMA	438	1640
>MYH11-I78\KITDVIMAFQ	1892	>MYH11-I78\KTDDVIMAFC	467	1425
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>MYH11-I78\KITDVIMAF	26	>MYH11-I78\KTDDVIMAF	10	16
>MYH11-I78\KITDVIMAFQ	3332	>MYH11-I78\KTDDVIMAFC	435	2897
>MYH11-I78\KITDVIMAF	229	>MYH11-I78\KTDDVIMAF	101	128
>MYH11-I78\KITDVIMAF	860	>MYH11-I78\KTDDVIMAF	13	847

>MYH11-I78(KITDVIMAF	1020	>MYH11-I78(KTTDVIMAF	334	686
>MYH11-I78(KITDVIMAF	75	>MYH11-I78(KTTDVIMAF	17	58
>MYH11-I78(KITDVIMAF	5678	>MYH11-I78(KTTDVIMAF	46	5632
>MYH11-I78(KITDVIMAFQ	14109	>MYH11-I78(KTTDVIMAF	246	13863
>MYH11-I78(KITDVIMAF	1103	>MYH11-I78(KTTDVIMAF	22	1081
>MYH11-I78(KITDVIMAF	207	>MYH11-I78(KTTDVIMAF	573	366
>MYH11-I78(LKITDVIM	11	>MYH11-I78(LKTTDVIM	55	44
>MYH11-I78(LKITDVIMA	262	>MYH11-I78(LKTTDVIMA	1656	1394
>MYH11-I78(LKITDVIMAF	2	>MYH11-I78(LKTTDVIMAF	3	1
>MYH11-I78(DLKITDVIMA	654	>MYH11-I78(DLKTTDVIMA	253	401
>MYH11-I78(RDLKITDVI	133	>MYH11-I78(RDLKTTDVI	202	69
>MYH11-I78(RDLKITDVI	373	>MYH11-I78(RDLKTTDVI	875	502
>MYH11-I78(RDLKITDV	65	>MYH11-I78(RDLKTTDV	423	358
>MYH11-I78(RDLKITDVI	19	>MYH11-I78(RDLKTTDVI	50	31
>MYH11-I78(RDLKITDVI	444	>MYH11-I78(RDLKTTDVI	381	63
>MYH11-I78(RDLKITDV	227	>MYH11-I78(RDLKTTDV	91	136
>MYH11-I78(RDLKITDVI	41	>MYH11-I78(RDLKTTDVI	19	22
>MYH11-I78(RDLKITDVIM	1195	>MYH11-I78(RDLKTTDVIM	479	716
>MYH11-I78(EERDLKIT	249	>MYH11-I78(EERDLKTT	351	102
>MYH11-I78(EERDLKITDV	887	>MYH11-I78(EERDLKTTDV	368	519
>MYH11-I78(EERDLKITDVI	28	>MYH11-I78(EERDLKTTDV	26	2
>MYH11-I78(EERDLKITDVI	410	>MYH11-I78(EERDLKTTDV	578	168
>MYH11-I78(EERDLKITDVI	496	>MYH11-I78(EERDLKTTDV	715	219
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>MYH11-I78(EEERDLKI	445	>MYH11-I78(EEERDLKT	5922	5477
>MYH11-I78(EEERDLKITD\	181	>MYH11-I78(EEERDLKTTD'	91	90
>MYH11-I78(EEERDLKIT	580	>MYH11-I78(EEERDLKTT	377	203
>MYH11-I78(EEERDLKITD\	359	>MYH11-I78(EEERDLKTTD'	380	21
>MYH11-I78(LEEERDLKI	82	>MYH11-I78(LEEERDLKT	9975	9893
>MYH11-I78(LEEERDLKI	55	>MYH11-I78(LEEERDLKT	5331	5276
>MYH11-I78(HLEEERDLKI	187	>MYH11-I78(HLEEERDLKT	2260	2073
>MYH11-K12 KLQNEVESV	21	>MYH11-K12 QLQNEVESV	134	113
>MYH11-K12 KLQNEVESV	11	>MYH11-K12 QLQNEVESV	25	14
>MYH11-K12 KLQNEVESV	8	>MYH11-K12 QLQNEVESV	31	23
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>MYH11-K12 KLQNEVESV	2	>MYH11-K12 QLQNEVESV	6	4
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>MYH11-K12 KLQNEVESV	11	>MYH11-K12 QLQNEVESV	58	47
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>MYH11-K12 KLQNEVESV	2	>MYH11-K12 QLQNEVESV	3	1
>MYH11-K12 KLQNEVESV	109	>MYH11-K12 QLQNEVESV	1081	972
>MYH11-K12 KLQNEVESVT	395	>MYH11-K12 QLQNEVESV\	3245	2850
>MYH11-K12 HKLQNEVESV\	8134	>MYH11-K12 HQLQNEVESV\	455	7679

>MYH11-K12 HKLQNEVES\	8052	>MYH11-K12 HQLQNEVES\	271	7781
>MYH11-K12 HKLQNEVES\	6580	>MYH11-K12 HQLQNEVES\	288	6292
>MYH11-K12 HKLQNEVES\	2802	>MYH11-K12 HQLQNEVES\	69	2733
>MYH11-K12 HKLQNEVES\	5542	>MYH11-K12 HQLQNEVES\	78	5464
>MYH11-K12 HKLQNEVES\	7358	>MYH11-K12 HQLQNEVES\	204	7154
>MYH11-K12 HKLQNEVES\	94	>MYH11-K12 HQLQNEVES\	89	5
>MYH11-K12 HKLQNEVES\	1748	>MYH11-K12 HQLQNEVES\	412	1336
>MYH11-K12 ARAELNDKVF	94	>MYH11-K12 ARAELNDKVF	2356	2262
>MYH11-K12 KVHKLQNEV	201	>MYH11-K12 KVHQLQNEV	202	1
>MYH11-K12 KVHKLQNEV	403	>MYH11-K12 KVHQLQNEV	423	20
>MYH11-K12 KVHKLQNEV	468	>MYH11-K12 KVHQLQNEV	203	265
>MYH11-K12 KVHKLQNEV	437	>MYH11-K12 KVHQLQNEV	332	105
>MYH11-K12 KVHKLQNEV	183	>MYH11-K12 KVHQLQNEV	47	136
>MYH11-K12 KVHKLQNEV	17	>MYH11-K12 KVHQLQNEV	55	38
>MYH11-K12 KVHKLQNEV\	270	>MYH11-K12 KVHQLQNEV	938	668
>MYH11-K12 ELNDKVHKL	22	>MYH11-K12 ELNDKVHQL	15	7
>MYH11-K12 ELNDKVHKL	95	>MYH11-K12 ELNDKVHQL	52	43
>MYH11-K12 ELNDKVHKL	13	>MYH11-K12 ELNDKVHQL	7	6
>MYH11-K12 ELNDKVHKL	60	>MYH11-K12 ELNDKVHQL	54	6
>MYH11-K12 ELNDKVHKL	50	>MYH11-K12 ELNDKVHQL	34	16
>MYH11-K12 ELNDKVHKL	6	>MYH11-K12 ELNDKVHQL	4	2
>MYH11-K12 ELNDKVHK	3526	>MYH11-K12 ELNDKVHQ	428	3098
>MYH11-K12 ELNDKVHKL	3	>MYH11-K12 ELNDKVHQL	2	1
>MYH11-K12 ELNDKVHKLC	975	>MYH11-K12 ELNDKVHQLC	228	747
>MYH11-K12 ELNDKVHK	150	>MYH11-K12 ELNDKVHQ	5792	5642
>MYH11-K12 ELNDKVHKL	353	>MYH11-K12 ELNDKVHQL	346	7
>MYH11-K12 ELNDKVHKL	229	>MYH11-K12 ELNDKVHQL	95	134
>MYH11-K12 AELNDKVHKL	341	>MYH11-K12 AELNDKVHQ	295	46
>MYH11-K12 AELNDKVHKL	165	>MYH11-K12 AELNDKVHQ	85	80
>MYH11-K12 AELNDKVHKL	512	>MYH11-K12 AELNDKVHQ	167	345
>MYH11-K12 AELNDKVHKL	22	>MYH11-K12 AELNDKVHQ	52	30
>MYH11-K12 RAELNDKVHI	61	>MYH11-K12 RAELNDKVHC	34	27
>MYH11-K41 KEQADFAV	257	>MYH11-K41 EEQADFAV	105	152
>MYH11-K41 KEQADFAV	297	>MYH11-K41 EEQADFAV	4147	3850
>MYH11-K41 KEQADFAV	52	>MYH11-K41 EEQADFAV	296	244
>MYH11-K41 KEQADFAVE/	12	>MYH11-K41 EEQADFAVE/	47	35
>MYH11-K41 KEQADFAV	110	>MYH11-K41 EEQADFAV	817	707
>MYH11-K41 KEQADFAVE/	299	>MYH11-K41 EEQADFAVE/	599	300
>MYH11-K41 KEQADFAVE/	62	>MYH11-K41 EEQADFAVE/	381	319
>MYH11-K41 KEQADFAVE/	424	>MYH11-K41 EEQADFAVE/	215	209
>MYH11-K41 KEQADFAVE/	584	>MYH11-K41 EEQADFAVE/	302	282
>MYH11-K41 KEQADFAV	18	>MYH11-K41 EEQADFAV	9	9
>MYH11-K41 KEQADFAVE	408	>MYH11-K41 EEQADFAVE	121	287

>MYH11-K41 KEQADFAVE/	44	>MYH11-K41 EEQADFAVE/	23	21
>MYH11-K41 KEQADFAVE/	215	>MYH11-K41 EEQADFAVE/	62	153
>MYH11-K41 KEQADFAVE/	35	>MYH11-K41 EEQADFAVE/	712	677
>MYH11-K41 TKEQADFAV	16140	>MYH11-K41 TEEQADFAV	429	15711
>MYH11-K41 TKEQADFAV	20774	>MYH11-K41 TEEQADFAV	366	20408
>MYH11-K41 TKEQADFAV	16583	>MYH11-K41 TEEQADFAV	31	16552
>MYH11-K41 TKEQADFAV	32788	>MYH11-K41 TEEQADFAV	404	32384
>MYH11-K41 TKEQADFA	24335	>MYH11-K41 TEEQADFA	68	24267
>MYH11-K41 TKEQADFAV	23321	>MYH11-K41 TEEQADFAV	53	23268
>MYH11-K41 TKEQADFAVE	14398	>MYH11-K41 TEEQADFAVE	23	14375
>MYH11-K41 TKEQADFAV	25148	>MYH11-K41 TEEQADFAV	229	24919
>MYH11-K41 QTKEQADF	323	>MYH11-K41 QTEEQADF	2649	2326
>MYH11-K41 QTKEQADFA	383	>MYH11-K41 QTEEQADFA	12958	12575
>MYH11-K41 QTKEQADFA\	165	>MYH11-K41 QTEEQADFA\	81	84
>MYH11-K41 QTKEQADF	16	>MYH11-K41 QTEEQADF	28	12
>MYH11-K41 AQTKEQADF,	1051	>MYH11-K41 AQTEEQADF,	189	862
>MYH11-K41 AQTKEQADF,	758	>MYH11-K41 AQTEEQADF,	275	483
>MYH11-K41 AQTKEQADF,	26	>MYH11-K41 AQTEEQADF,	12	14
>MYH11-K41 AQTKEQADF,	1268	>MYH11-K41 AQTEEQADF,	154	1114
>MYH11-K41 AQTKEQADF,	513	>MYH11-K41 AQTEEQADF,	57	456
>MYH11-K41 AQTKEQADF,	336	>MYH11-K41 AQTEEQADF,	84	252
>MYH11-K41 AQTKEQADF,	1017	>MYH11-K41 AQTEEQADF,	140	877
>MYH11-K41 AQTKEQADF	16	>MYH11-K41 AQTEEQADF	25	9
>MYH11-K41 KAQTKEQAD	271	>MYH11-K41 KAQTEEQADI	169	102
>MYH11-K41 KAQTKEQAD	110	>MYH11-K41 KAQTEEQADI	158	48
>MYH11-K41 KAQTKEQAD	479	>MYH11-K41 KAQTEEQADI	249	230
>MYH11-K41 QKAQTKEQA	21	>MYH11-K41 QKAQTEEQQA	17	4
>MYH11-K41 VVQKAQTK	125	>MYH11-K41 VVQKAQTE	27725	27600
>MYH11-K41 DVVQKAQTK	149	>MYH11-K41 DVVQKAQTE	15896	15747
>MYH11-T28 TFHIFYYM	219	>MYH11-T28 RFHIFYYM	329	110
>MYH11-T28 TFHIFYYMI	381	>MYH11-T28 RFHIFYYMI	924	543
>MYH11-T28 TFHIFYYMI	85	>MYH11-T28 RFHIFYYMI	89	4
>MYH11-T28 TFHIFYYMI	101	>MYH11-T28 RFHIFYYMI	49	52
>MYH11-T28 TFHIFYYM	391	>MYH11-T28 RFHIFYYM	50	341
>MYH11-T28 TFHIFYYMI	16	>MYH11-T28 RFHIFYYMI	6	10
>MYH11-T28 TFHIFYYM	341	>MYH11-T28 RFHIFYYM	754	413
>MYH11-T28 TFHIFYYM	1510	>MYH11-T28 RFHIFYYM	22	1488
>MYH11-T28 TFHIFYYMI	1118	>MYH11-T28 RFHIFYYMI	17	1101
>MYH11-T28 TFHIFYYMIAC	258	>MYH11-T28 RFHIFYYMIAC	8	250
>MYH11-T28 TFHIFYYMIAC	4288	>MYH11-T28 RFHIFYYMIAC	73	4215
>MYH11-T28 TFHIFYYM	721	>MYH11-T28 RFHIFYYM	72	649
>MYH11-T28 TFHIFYYMI	3362	>MYH11-T28 RFHIFYYMI	312	3050
>MYH11-T28 TFHIFYYM	615	>MYH11-T28 RFHIFYYM	100	515

>MYH11-T28 TFHIFYYM	350	>MYH11-T28 RFHIFYYM	97	253
>MYH11-T28 TFHIFYYMI	670	>MYH11-T28 RFHIFYYMI	188	482
>MYH11-T28 RTFHIFYYM	139	>MYH11-T28 RRFHIFYYM	1426	1287
>MYH11-T28 RTFHIFYYMI	698	>MYH11-T28 RRFHIFYYMI	313	385
>MYH11-T28 RTFHIFYY	402	>MYH11-T28 RRFHIFYY	22693	22291
>MYH11-T28 RTFHIFYYM	64	>MYH11-T28 RRFHIFYYM	12587	12523
>MYH11-T28 RTFHIFYYM	41	>MYH11-T28 RRFHIFYYM	2019	1978
>MYH11-T28 RTFHIFYYMI	382	>MYH11-T28 RRFHIFYYMI	4158	3776
>MYH11-T28 RTFHIFYYMI/	264	>MYH11-T28 RRFHIFYYMI/	10085	9821
>MYH11-T28 RTFHIFYYM	29	>MYH11-T28 RRFHIFYYM	2614	2585
>MYH11-T28 RTFHIFYYMI	157	>MYH11-T28 RRFHIFYYMI	3030	2873
>MYH11-T28 RTFHIFYYMI/	186	>MYH11-T28 RRFHIFYYMI/	8103	7917
>MYH11-T28 RTFHIFYYM	97	>MYH11-T28 RRFHIFYYM	8562	8465
>MYH11-T28 RTFHIFYYMI	37	>MYH11-T28 RRFHIFYYMI	3778	3741
>MYH11-T28 RTFHIFYY	37	>MYH11-T28 RRFHIFYY	10830	10793
>MYH11-T28 RTFHIFYY	7	>MYH11-T28 RRFHIFYY	4590	4583
>MYH11-T28 RTFHIFYYM	116	>MYH11-T28 RRFHIFYYM	19934	19818
>MYH11-T28 RTFHIFYYMI	109	>MYH11-T28 RRFHIFYYMI	5141	5032
>MYH11-T28 RTFHIFYY	7	>MYH11-T28 RRFHIFYY	54	47
>MYH11-T28 RTFHIFYYM	95	>MYH11-T28 RRFHIFYYM	2359	2264
>MYH11-T28 RTFHIFYY	30	>MYH11-T28 RRFHIFYY	4194	4164
>MYH11-T28 RTFHIFYYM	17	>MYH11-T28 RRFHIFYYM	3391	3374
>MYH11-T28 RTFHIFYYMI	19	>MYH11-T28 RRFHIFYYMI	2889	2870
>MYH11-T28 RTFHIFYYMI/	8	>MYH11-T28 RRFHIFYYMI/	956	948
>MYH11-T28 RTFHIFYY	8	>MYH11-T28 RRFHIFYY	43	35
>MYH11-T28 RTFHIFYYM	251	>MYH11-T28 RRFHIFYYM	3144	2893
>MYH11-T28 RTFHIFYY	19	>MYH11-T28 RRFHIFYY	4062	4043
>MYH11-T28 RTFHIFYYM	17	>MYH11-T28 RRFHIFYYM	3835	3818
>MYH11-T28 RTFHIFYYMI	317	>MYH11-T28 RRFHIFYYMI	2239	1922
>MYH11-T28 RTFHIFYYMI/	426	>MYH11-T28 RRFHIFYYMI/	13010	12584
>MYH11-T28 RTFHIFYY	19	>MYH11-T28 RRFHIFYY	2201	2182
>MYH11-T28 RTFHIFYYM	11	>MYH11-T28 RRFHIFYYM	902	891
>MYH11-T28 RTFHIFYYMI	4	>MYH11-T28 RRFHIFYYMI	90	86
>MYH11-T28 RTFHIFYYMI/	104	>MYH11-T28 RRFHIFYYMI/	9653	9549
>MYH11-T28 RTFHIFYY	30	>MYH11-T28 RRFHIFYY	10108	10078
>MYH11-T28 RTFHIFYYM	10	>MYH11-T28 RRFHIFYYM	4377	4367
>MYH11-T28 RTFHIFYYMI	42	>MYH11-T28 RRFHIFYYMI	7913	7871
>MYH11-T28 RTFHIFYYMI/	48	>MYH11-T28 RRFHIFYYMI/	8749	8701
>MYH11-T28 RTFHIFYYM	166	>MYH11-T28 RRFHIFYYM	18041	17875
>MYH11-T28 RTFHIFYYMI	105	>MYH11-T28 RRFHIFYYMI	18515	18410
>MYH11-T28 RTFHIFYY	7	>MYH11-T28 RRFHIFYY	33	26
>MYH11-T28 RTFHIFYY	76	>MYH11-T28 RRFHIFYY	3423	3347
>MYH11-T28 RTFHIFYYM	172	>MYH11-T28 RRFHIFYYM	9441	9269

>MYH11-T28 RTFHIFYY	25	>MYH11-T28 RRFHIFYY	5	20
>MYH11-T28 RTFHIFYYM	24	>MYH11-T28 RRFHIFYYM	5	19
>MYH11-T28 RTFHIFYYMI	75	>MYH11-T28 RRFHIFYYMI	11	64
>MYH11-T28 RTFHIFYYMI/	207	>MYH11-T28 RRFHIFYYMI/	26	181
>MYH11-T28 RTFHIFYY	3	>MYH11-T28 RRFHIFYY	8441	8438
>MYH11-T28 RTFHIFYYM	6	>MYH11-T28 RRFHIFYYM	19044	19038
>MYH11-T28 RTFHIFYYMI	11	>MYH11-T28 RRFHIFYYMI	22350	22339
>MYH11-T28 RTFHIFYY	5296	>MYH11-T28 RRFHIFYY	15	5281
>MYH11-T28 RTFHIFYYM	1739	>MYH11-T28 RRFHIFYYM	10	1729
>MYH11-T28 RTFHIFYYMI	2526	>MYH11-T28 RRFHIFYYMI	10	2516
>MYH11-T28 RTFHIFYYMI/	10212	>MYH11-T28 RRFHIFYYMI/	35	10177
>MYH11-T28 RTFHIFYY	50	>MYH11-T28 RRFHIFYY	15783	15733
>MYH11-T28 RTFHIFYYM	52	>MYH11-T28 RRFHIFYYM	16136	16084
>MYH11-T28 RTFHIFYYMI	170	>MYH11-T28 RRFHIFYYMI	21050	20880
>MYH11-T28 RTFHIFYY	14	>MYH11-T28 RRFHIFYY	12794	12780
>MYH11-T28 RTFHIFYYM	19	>MYH11-T28 RRFHIFYYM	16457	16438
>MYH11-T28 RTFHIFYYMI	45	>MYH11-T28 RRFHIFYYMI	18724	18679
>MYH11-T28 RTFHIFYYM	12658	>MYH11-T28 RRFHIFYYM	379	12279
>MYH11-T28 RTFHIFYYMI	9728	>MYH11-T28 RRFHIFYYMI	227	9501
>MYH11-T28 RTFHIFYYMI/	9263	>MYH11-T28 RRFHIFYYMI/	166	9097
>MYH11-T28 RTFHIFYYM	26	>MYH11-T28 RRFHIFYYM	9853	9827
>MYH11-T28 RTFHIFYYMI	72	>MYH11-T28 RRFHIFYYMI	16432	16360
>MYH11-T28 RTFHIFYY	65	>MYH11-T28 RRFHIFYY	6214	6149
>MYH11-T28 RTFHIFYYM	3	>MYH11-T28 RRFHIFYYM	138	135
>MYH11-T28 RTFHIFYYMI	477	>MYH11-T28 RRFHIFYYMI	25525	25048
>MYH11-T28 RTFHIFYYMI/	64	>MYH11-T28 RRFHIFYYMI/	8394	8330
>MYH11-T28 RTFHIFYY	7011	>MYH11-T28 RRFHIFYY	36	6975
>MYH11-T28 RTFHIFYYM	2644	>MYH11-T28 RRFHIFYYM	53	2591
>MYH11-T28 RTFHIFYYMI	13512	>MYH11-T28 RRFHIFYYMI	145	13367
>MYH11-T28 RTFHIFYYMI/	4772	>MYH11-T28 RRFHIFYYMI/	72	4700
>MYH11-T28 RTFHIFYY	13057	>MYH11-T28 RRFHIFYY	215	12842
>MYH11-T28 RTFHIFYYM	2326	>MYH11-T28 RRFHIFYYM	14	2312
>MYH11-T28 RTFHIFYYMI	8520	>MYH11-T28 RRFHIFYYMI	53	8467
>MYH11-T28 RTFHIFYYMI/	9905	>MYH11-T28 RRFHIFYYMI/	47	9858
>MYH11-T28 RTFHIFYY	4184	>MYH11-T28 RRFHIFYY	116	4068
>MYH11-T28 RTFHIFYY	56	>MYH11-T28 RRFHIFYY	367	311
>MYH11-T28 RTFHIFYY	164	>MYH11-T28 RRFHIFYY	5007	4843
>MYH11-T28 RTFHIFYYM	220	>MYH11-T28 RRFHIFYYM	5510	5290
>MYH11-T28 RTFHIFYYMI	320	>MYH11-T28 RRFHIFYYMI	7640	7320
>MYH11-T28 RTFHIFYYM	94	>MYH11-T28 RRFHIFYYM	106	12
>MYH11-T28 RTFHIFYYM	60	>MYH11-T28 RRFHIFYYM	7040	6980
>MYH11-T28 RTFHIFYYMI	231	>MYH11-T28 RRFHIFYYMI	15787	15556
>MYH11-T28 RAIRQARDER	19729	>MYH11-T28 RAIRQARDER	69	19660

>MYH11-T28 ERTFHIFY	409	>MYH11-T28 ERRFHIFY	637	228
>MYH11-T28 ERTFHIFY	182	>MYH11-T28 ERRFHIFY	357	175
>MYH11-T28 ERTFHIFY	294	>MYH11-T28 ERRFHIFY	609	315
>MYH11-T28 ERTFHIFYM	219	>MYH11-T28 ERRFHIFYM	136	83
>MYH11-T28 ERTFHIFYM	814	>MYH11-T28 ERRFHIFYM	335	479
>MYH11-T28 ERTFHIFYM	1063	>MYH11-T28 ERRFHIFYM	382	681
>MYH11-T28 ERTFHIFY	374	>MYH11-T28 ERRFHIFY	596	222
>MYH11-T28 DERTFHIF	291	>MYH11-T28 DERRFHIF	313	22
>MYH11-T28 DERTFHIFYM	209	>MYH11-T28 DERRFHIFYM	236	27
>MYH11-T28 DERTFHIFY	488	>MYH11-T28 DERRFHIFY	642	154
>MYH11-T28 DERTFHIF	411	>MYH11-T28 DERRFHIF	655	244
>MYH11-T28 DERTFHIF	4	>MYH11-T28 DERRFHIF	5	1
>MYH11-T28 DERTFHIFY	4	>MYH11-T28 DERRFHIFY	4	0
>MYH11-T28 DERTFHIFY	70	>MYH11-T28 DERRFHIFY	50	20
>MYH11-T28 DERTFHIFYM	6	>MYH11-T28 DERRFHIFYM	8	2
>MYH11-T28 DERTFHIFY	249	>MYH11-T28 DERRFHIFY	271	22
>MYH11-T28 DERTFHIF	324	>MYH11-T28 DERRFHIF	308	16
>MYH11-T28 DERTFHIFY	210	>MYH11-T28 DERRFHIFY	160	50
>MYH11-T28 DERTFHIFY	85	>MYH11-T28 DERRFHIFY	107	22
>MYH11-T28 RDERTFHIFY	373	>MYH11-T28 RDERRFHIFY	1211	838
>MYH11-T28 RDERTFHIFY	437	>MYH11-T28 RDERRFHIFY	356	81
>MYH11-T28 RDERTFHI	45	>MYH11-T28 RDERRFHI	133	88
>MYH11-T28 ARDERTFHIF	228	>MYH11-T28 ARDERRFHIF	828	600
>MYH11-T28 ARDERTFHIF	494	>MYH11-T28 ARDERRFHIF	786	292
>MYH11-T28 ARDERTFHI	547	>MYH11-T28 ARDERRFHI	244	303
>MYH11-T28 ARDERTFHIF	64	>MYH11-T28 ARDERRFHIF	92	28
>MYH11-T28 ARDERTFHI	645	>MYH11-T28 ARDERRFHI	349	296
>MYH11-T28 ARDERTFHIF	264	>MYH11-T28 ARDERRFHIF	292	28
>MYH11-T28 ARDERTFHIF	683	>MYH11-T28 ARDERRFHIF	458	225
>MYH11-T28 QARDERTFHI	87	>MYH11-T28 QARDERRFHI	48	39
>MYH11-T28 QARDERTF	102	>MYH11-T28 QARDERRF	654	552
>MYH11-T28 QARDERTFHI	33	>MYH11-T28 QARDERRFHI	76	43
>MYH11-T28 QARDERTF	30	>MYH11-T28 QARDERRF	44	14
>MYH11-T28 QARDERTFHI	68	>MYH11-T28 QARDERRFHI	99	31
>MYH11-T28 QARDERTFHI	302	>MYH11-T28 QARDERRFHI	794	492
>MYH11-T28 RQARDERTF	72	>MYH11-T28 RQARDERRF	134	62
>MYH11-T28 RQARDERT	21224	>MYH11-T28 RQARDERR	138	21086
>MYH11-T28 RQARDERTF	405	>MYH11-T28 RQARDERRF	4826	4421
>MYH11-T28 RQARDERTF	104	>MYH11-T28 RQARDERRF	249	145
>MYH11-T28 RQARDERTF	3	>MYH11-T28 RQARDERRF	10	7
>MYH11-T28 RQARDERTF	351	>MYH11-T28 RQARDERRF	779	428
>MYH11-T28 RQARDERTF	88	>MYH11-T28 RQARDERRF	137	49
>MYH11-T28 RQARDERTF	383	>MYH11-T28 RQARDERRF	308	75

>MYH11-T28 RQARDERTFI	339	>MYH11-T28 RQARDERRFI	598	259
>MYH11-T28 IRQARDERTF	137	>MYH11-T28 IRQARDERRF	429	292
>MYH11-T28 IRQARDERTF	217	>MYH11-T28 IRQARDERRF	202	15
>MYH11-T28 IRQARDERTF	208	>MYH11-T28 IRQARDERRF	400	192
>MYH11-T28 IRQARDERTF	292	>MYH11-T28 IRQARDERRF	393	101
>MYH11-T28 AIRQARDERT	30551	>MYH11-T28 AIRQARDERR	245	30306
>MYH11-T28 AIRQARDERT	268	>MYH11-T28 AIRQARDERR	665	397
>MYH11-T28 AIRQARDERT	237	>MYH11-T28 AIRQARDERR	1026	789
>MYH9-D43E DKTKRQGAS	265	>MYH9-D43E EKTKRQGASF	131	134
>MYH9-D43E DKTKRQGAS	158	>MYH9-D43E EKTKRQGASF	41	117
>MYH9-D43E LDKTKRQGA	1994	>MYH9-D43E LEKTKRQGAS	229	1765
>MYH9-D43E LDKTKRQGA	598	>MYH9-D43E LEKTKRQGAS	47	551
>MYH9-D43E LDKTKRQGA	10729	>MYH9-D43E LEKTKRQGAS	104	10625
>MYH9-D43E ALDKTKRQGA	336	>MYH9-D43E ALEKTKRQGA	5072	4736
>MYH9-D43E ALDKTKRQGA	374	>MYH9-D43E ALEKTKRQGA	8856	8482
>MYH9-D43E ALDKTKRQGA	74	>MYH9-D43E ALEKTKRQGA	125	51
>MYH9-D43E KALDKTKR	16	>MYH9-D43E KALEKTKR	20	4
>MYH9-D43E KALDKTKR	62	>MYH9-D43E KALEKTKR	71	9
>MYH9-D43E RINKALDK	72	>MYH9-D43E RINKALEK	60	12
>MYH9-D43E RINKALDKTK	401	>MYH9-D43E RINKALEKTK	287	114
>MYH9-D43E RINKALDK	58	>MYH9-D43E RINKALEK	27	31
>MYH9-D43E RINKALDKTK	292	>MYH9-D43E RINKALEKTK	306	14
>MYH9-D43E RINKALDK	38	>MYH9-D43E RINKALEK	18	20
>MYH9-D43E RINKALDKTK	46	>MYH9-D43E RINKALEKTK	49	3
>MYH9-D43E RINKALDK	2656	>MYH9-D43E RINKALEK	393	2263
>MYH9-D43E RINKALDKTKI	19	>MYH9-D43E RINKALEKTKI	15	4
>MYH9-D43E RINKALDKTKI	183	>MYH9-D43E RINKALEKTKI	134	49
>MYH9-D43E LRINKALDK	247	>MYH9-D43E LRINKALEK	84	163
>MYH9-D43E LRINKALDKTI	171	>MYH9-D43E LRINKALEKTK	145	26
>MYH9-D43E VLRINKALDK	200	>MYH9-D43E VLRINKALEK	98	102
>MYH9-D43E VLRINKALDK	998	>MYH9-D43E VLRINKALEK	412	586
>MYH9-D43E VLRINKALDK	83	>MYH9-D43E VLRINKALEK	28	55
>MYH9-D43E LVL RINKALDK	386	>MYH9-D43E LVL RINKALEK	272	114
>MYH9-D43E LVL RINKALDK	193	>MYH9-D43E LVL RINKALEK	79	114
>MYH9-D43E LVL RINKALDK	166	>MYH9-D43E LVL RINKALEK	51	115
>MYH9-H68E HLVL DQLRC	5971	>MYH9-H68E YLVL DQLRC	308	5663
>MYH9-H68E HLVL DQLRC	948	>MYH9-H68E YLVL DQLRC	19	929
>MYH9-H68E HLVL DQLR	413	>MYH9-H68E YLVL DQLR	1756	1343
>MYH9-H68E HLVL DQLR	331	>MYH9-H68E YLVL DQLR	714	383
>MYH9-H68E HLVL DQLR	170	>MYH9-H68E YLVL DQLR	95	75
>MYH9-H68E HLVL DQLR	75	>MYH9-H68E YLVL DQLR	329	254
>MYH9-H68E PHLVL DQL	17533	>MYH9-H68E PYLVL DQL	285	17248
>MYH9-H68E PHLVL DQL	12338	>MYH9-H68E PYLVL DQL	33	12305



>MYH9-H68€ PHLVLDQLR	1870	>MYH9-H68€ PYLVLDQLR	53	1817
>MYH9-H68€ HEKKAGKLDf	11864	>MYH9-H68€ HEKKAGKLDf	343	11521
>MYH9-H68€ HEKKAGKLDf	2396	>MYH9-H68€ HEKKAGKLDf	56	2340
>MYH9-H68€ DPHLVLDQLf	2009	>MYH9-H68€ DPYLVLDQLR	383	1626
>MYH9-H68€ DPHLVLDQLf	1182	>MYH9-H68€ DPYLVLDQLR	202	980
>MYH9-H68€ KLDPHLVL	63	>MYH9-H68€ KLDPYLVL	27	36
>MYH9-H68€ KLDPHLVLDc	27	>MYH9-H68€ KLDPYLVLDQ	19	8
>MYH9-H68€ KLDPHLVL	93	>MYH9-H68€ KLDPYLVL	52	41
>MYH9-H68€ KLDPHLVLDc	9	>MYH9-H68€ KLDPYLVLDQ	7	2
>MYH9-H68€ KLDPHLVL	422	>MYH9-H68€ KLDPYLVL	389	33
>MYH9-H68€ KLDPHLVLDc	116	>MYH9-H68€ KLDPYLVLDQ	175	59
>MYH9-H68€ KLDPHLVL	84	>MYH9-H68€ KLDPYLVL	36	48
>MYH9-H68€ KLDPHLVLDc	21	>MYH9-H68€ KLDPYLVLDQ	15	6
>MYH9-H68€ KLDPHLVL	9	>MYH9-H68€ KLDPYLVL	6	3
>MYH9-H68€ KLDPHLVLDc	6	>MYH9-H68€ KLDPYLVLDQ	4	2
>MYH9-H68€ KLDPHLVL	21	>MYH9-H68€ KLDPYLVL	12	9
>MYH9-H68€ KLDPHLVLDc	11	>MYH9-H68€ KLDPYLVLDQ	9	2
>MYH9-H68€ KLDPHLVL	26	>MYH9-H68€ KLDPYLVL	14	12
>MYH9-H68€ KLDPHLVLDc	13	>MYH9-H68€ KLDPYLVLDQ	10	3
>MYH9-H68€ KLDPHLVL	332	>MYH9-H68€ KLDPYLVL	92	240
>MYH9-H68€ KLDPHLVLDc	40	>MYH9-H68€ KLDPYLVLDQ	19	21
>MYH9-H68€ KLDPHLVL	16	>MYH9-H68€ KLDPYLVL	11	5
>MYH9-H68€ KLDPHLVLDc	674	>MYH9-H68€ KLDPYLVLDQ	475	199
>MYH9-H68€ KLDPHLVLDc	14	>MYH9-H68€ KLDPYLVLDQ	9	5
>MYH9-H68€ GKLDPHLV	361	>MYH9-H68€ GKLDPYLV	324	37
>MYH9-H68€ GKLDPHLVL	73	>MYH9-H68€ GKLDPYLVL	50	23
>MYH9-H68€ GKLDPHLVL	532	>MYH9-H68€ GKLDPYLVL	348	184
>MYH9-H68€ KAGKLDPh	15657	>MYH9-H68€ KAGKLDpY	385	15272
>MYH9-H68€ KAGKLDPh	17483	>MYH9-H68€ KAGKLDpY	244	17239
>MYH9-H68€ KAGKLDPh	14000	>MYH9-H68€ KAGKLDpY	478	13522
>MYH9-H68€ KAGKLDPhL	195	>MYH9-H68€ KAGKLDpYL	141	54
>MYH9-H68€ KAGKLDPhLV	256	>MYH9-H68€ KAGKLDpYLV	190	66
>MYH9-H68€ KKAGKLDPh	6678	>MYH9-H68€ KKAGKLDpY	265	6413
>MYH9-H68€ EKKAGKLDPh	7738	>MYH9-H68€ EKKAGKLDpY	392	7346
>MYH9-K810 KVLQRNCAA'	195	>MYH9-K810 NVLQRNCAA'	1763	1568
>MYH9-K810 KVLQRNCAA'	391	>MYH9-K810 NVLQRNCAA'	830	439
>MYH9-K810 KVLQRNCAA	161	>MYH9-K810 NVLQRNCAA	1082	921
>MYH9-K810 KVLQRNCAA'	32	>MYH9-K810 NVLQRNCAA'	172	140
>MYH9-K810 KVLQRNCAA'	95	>MYH9-K810 NVLQRNCAA'	970	875
>MYH9-K810 KVLQRNCAA'	290	>MYH9-K810 NVLQRNCAA'	1282	992
>MYH9-K810 KVLQRNCAA'	403	>MYH9-K810 NVLQRNCAA'	3664	3261
>MYH9-K810 KVLQRNCAA'	337	>MYH9-K810 NVLQRNCAA'	386	49
>MYH9-K810 KVLQRNCAA'	331	>MYH9-K810 NVLQRNCAA'	1843	1512

>MYH9-K810 KVLQRNCAA'	362	>MYH9-K810 NVLQRNCAA'	2616	2254
>MYH9-K810 KVLQRNCAA'	626	>MYH9-K810 NVLQRNCAA'	230	396
>MYH9-K810 KVLQRNCAA'	282	>MYH9-K810 NVLQRNCAA'	95	187
>MYH9-K810 KVLQRNCA	204	>MYH9-K810 NVLQRNCA	12436	12232
>MYH9-K810 KVLQRNCAA	44	>MYH9-K810 NVLQRNCAA	9419	9375
>MYH9-K810 KVLQRNCAA'	380	>MYH9-K810 NVLQRNCAA'	12910	12530
>MYH9-K810 KVLQRNCAA'	103	>MYH9-K810 NVLQRNCAA'	10704	10601
>MYH9-K810 KVLQRNCAA'	149	>MYH9-K810 NVLQRNCAA'	347	198
>MYH9-K810 KVLQRNCAA'	119	>MYH9-K810 NVLQRNCAA'	9022	8903
>MYH9-K810 KVLQRNCAA'	310	>MYH9-K810 NVLQRNCAA'	11289	10979
>MYH9-K810 KVLQRNCAA'	10336	>MYH9-K810 NVLQRNCAA'	443	9893
>MYH9-K810 KVLQRNCAA'	2116	>MYH9-K810 NVLQRNCAA'	54	2062
>MYH9-K810 KVLQRNCAA	1145	>MYH9-K810 NVLQRNCAA	241	904
>MYH9-K810 KVLQRNCAA'	135	>MYH9-K810 NVLQRNCAA'	367	232
>MYH9-K810 KVLQRNCAA'	854	>MYH9-K810 NVLQRNCAA'	165	689
>MYH9-K810 KVLQRNCAA'	300	>MYH9-K810 NVLQRNCAA'	2752	2452
>MYH9-K810 KVLQRNCAA'	45	>MYH9-K810 NVLQRNCAA'	2837	2792
>MYH9-K810 KVLQRNCAA'	61	>MYH9-K810 NVLQRNCAA'	4681	4620
>MYH9-K810 MKVLQRNCA	1062	>MYH9-K810 MNVLQRNCA	285	777
>MYH9-K810 MKVLQRNCA	491	>MYH9-K810 MNVLQRNCA	9457	8966
>MYH9-K810 MKVLQRNCA	9	>MYH9-K810 MNVLQRNCA	544	535
>MYH9-K810 MKVLQRNCA	238	>MYH9-K810 MNVLQRNCA	126	112
>MYH9-K810 MKVLQRNCA	446	>MYH9-K810 MNVLQRNCA	294	152
>MYH9-K810 AKRQQQLTA	41	>MYH9-K810 AKRQQQLTA	9360	9319
>MYH9-K810 AMKVLQRNC	2694	>MYH9-K810 AMNVLQRNC	345	2349
>MYH9-K810 AMKVLQRNC	218	>MYH9-K810 AMNVLQRNC	104	114
>MYH9-K810 AMKVLQRNC	2986	>MYH9-K810 AMNVLQRNC	144	2842
>MYH9-K810 AMKVLQRNC	7583	>MYH9-K810 AMNVLQRNC	475	7108
>MYH9-K810 AMKVLQRNC	387	>MYH9-K810 AMNVLQRNC	105	282
>MYH9-K810 AMKVLQRNC	237	>MYH9-K810 AMNVLQRNC	3455	3218
>MYH9-K810 AMKVLQRNC	78	>MYH9-K810 AMNVLQRNC	2038	1960
>MYH9-K810 AMKVLQRNC	380	>MYH9-K810 AMNVLQRNC	678	298
>MYH9-K810 TAMKVLQR	142	>MYH9-K810 TAMNVLQR	78	64
>MYH9-K810 TAMKVLQR	84	>MYH9-K810 TAMNVLQR	82	2
>MYH9-K810 TAMKVLQR	276	>MYH9-K810 TAMNVLQR	261	15
>MYH9-K810 TAMKVLQR	13	>MYH9-K810 TAMNVLQR	9	4
>MYH9-K810 TAMKVLQRN	230	>MYH9-K810 TAMNVLQRN	157	73
>MYH9-K810 LTAMKVLQR	332	>MYH9-K810 LTAMNVLQR	224	108
>MYH9-K810 LTAMKVLQR	105	>MYH9-K810 LTAMNVLQR	301	196
>MYH9-K810 LTAMKVLQ	996	>MYH9-K810 LTAMNVLQ	417	579
>MYH9-K810 LTAMKVLQR	26	>MYH9-K810 LTAMNVLQR	11	15
>MYH9-K810 LTAMKVLQR	272	>MYH9-K810 LTAMNVLQR	150	122
>MYH9-K810 QLTAMKVL	503	>MYH9-K810 QLTAMNVL	44	459

>MYH9-K810 QLTAMKVL	63	>MYH9-K810 QLTAMNVL	35	28
>MYH9-K810 QLTAMKVLQ	220	>MYH9-K810 QLTAMNVLQ	494	274
>MYH9-K810 QLTAMKVLQ	635	>MYH9-K810 QLTAMNVLQ	278	357
>MYH9-K810 QLTAMKVLQ	212	>MYH9-K810 QLTAMNVLQ	400	188
>MYH9-K810 QLTAMKVLQ	174	>MYH9-K810 QLTAMNVLQ	134	40
>MYH9-K810 QQLTAMKV	43	>MYH9-K810 QQLTAMNV	27	16
>MYH9-K810 QQLTAMKVL	857	>MYH9-K810 QQLTAMNVL	97	760
>MYH9-K810 QQLTAMKV	143	>MYH9-K810 QQLTAMNV	70	73
>MYH9-K810 QQLTAMKVL	32	>MYH9-K810 QQLTAMNVL	37	5
>MYH9-K810 QQLTAMKVL	102	>MYH9-K810 QQLTAMNVL	18	84
>MYH9-K810 QQLTAMKVL	154	>MYH9-K810 QQLTAMNVL	158	4
>MYH9-K810 QQQLTAMKV	465	>MYH9-K810 QQQLTAMN\	333	132
>MYH9-K810 QQQLTAMK	201	>MYH9-K810 QQQLTAMN	25772	25571
>MYH9-K810 QQQLTAMKV	786	>MYH9-K810 QQQLTAMN\	301	485
>MYH9-K810 QQQLTAMKV	215	>MYH9-K810 QQQLTAMN\	201	14
>MYH9-K810 QQQLTAMKV	292	>MYH9-K810 QQQLTAMN\	66	226
>MYH9-K810 RQQQLTAMk	682	>MYH9-K810 RQQQLTAMf	320	362
>MYH9-K810 RQQQLTAMk	575	>MYH9-K810 RQQQLTAMf	253	322
>MYH9-K810 RQQQLTAMk	1407	>MYH9-K810 RQQQLTAMf	332	1075
>MYH9-K810 RQQQLTAMk	54	>MYH9-K810 RQQQLTAMf	23733	23679
>MYH9-K810 RQQQLTAMk	473	>MYH9-K810 RQQQLTAMf	14832	14359
>MYH9-K810 RQQQLTAMk	204	>MYH9-K810 RQQQLTAMf	12693	12489
>MYH9-K810 RQQQLTAMk	94	>MYH9-K810 RQQQLTAMf	72	22
>MYH9-K810 RQQQLTAMk	252	>MYH9-K810 RQQQLTAMf	128	124
>MYH9-K810 RQQQLTAMk	89	>MYH9-K810 RQQQLTAMf	86	3
>MYH9-K810 RQQQLTAMk	94	>MYH9-K810 RQQQLTAMf	2033	1939
>MYH9-K810 RQQQLTAMk	405	>MYH9-K810 RQQQLTAMf	596	191
>MYH9-K810 RQQQLTAMk	329	>MYH9-K810 RQQQLTAMf	81	248
>MYH9-K810 RQQQLTAMk	215	>MYH9-K810 RQQQLTAMf	213	2
>MYH9-K810 RQQQLTAMk	574	>MYH9-K810 RQQQLTAMf	454	120
>MYH9-K810 RQQQLTAMk	260	>MYH9-K810 RQQQLTAMf	345	85
>MYH9-K810 RQQQLTAMk	120	>MYH9-K810 RQQQLTAMf	96	24
>MYH9-K810 RQQQLTAMk	44	>MYH9-K810 RQQQLTAMf	348	304
>MYH9-K810 RQQQLTAMk	147	>MYH9-K810 RQQQLTAMf	143	4
>MYH9-K810 RQQQLTAMk	25	>MYH9-K810 RQQQLTAMf	15	10
>MYH9-K810 KRQQQLTAM	51	>MYH9-K810 KRQQQLTAM	682	631
>MYH9-K810 KRQQQLTAM	148	>MYH9-K810 KRQQQLTAM	218	70
>MYH9-K810 KRQQQLTAM	71	>MYH9-K810 KRQQQLTAM	132	61
>MYH9-K810 KRQQQLTAM	69	>MYH9-K810 KRQQQLTAM	78	9
>MYH9-K810 KRQQQLTAM	57	>MYH9-K810 KRQQQLTAM	168	111
>MYH9-K810 KRQQQLTAM	247	>MYH9-K810 KRQQQLTAM	228	19
>MYH9-R398 GILTPRIKVGR	110	>MYH9-R398 GILTPRIKVGc	15802	15692
>MYH9-R398 GILTPRIKVGR	266	>MYH9-R398 GILTPRIKVGc	20154	19888

>MYH9-R398 VGRDYVQK	107	>MYH9-R398 VGQDYVQK	10057	9950
>MYH9-R398 KVGRDYVQK	160	>MYH9-R398 KVGQDYVQK	400	240
>MYH9-R398 KVGRDYVQK	61	>MYH9-R398 KVGQDYVQK	105	44
>MYH9-R398 KVGRDYVQK	47	>MYH9-R398 KVGQDYVQK	581	534
>MYH9-R398 KVGRDYVQK	369	>MYH9-R398 KVGQDYVQK	2194	1825
>MYH9-R398 RIKVGRDYV	632	>MYH9-R398 RIKVGQDYV	215	417
>MYH9-R398 RIKVGRDYV	221	>MYH9-R398 RIKVGQDYV	130	91
>MYH9-R398 RIKVGRDYVC	169	>MYH9-R398 RIKVGQDYVC	189	20
>MYH9-R398 RIKVGRDYVC	152	>MYH9-R398 RIKVGQDYVC	210	58
>MYH9-R398 RIKVGRDY	484	>MYH9-R398 RIKVGQDY	625	141
>MYH9-R398 RIKVGRDYV	25	>MYH9-R398 RIKVGQDYV	61	36
>MYH9-R398 RIKVGRDYVC	467	>MYH9-R398 RIKVGQDYVC	800	333
>MYH9-R398 RIKVGRDYVC	5	>MYH9-R398 RIKVGQDYVC	6	1
>MYH9-R398 RIKVGRDY	180	>MYH9-R398 RIKVGQDY	171	9
>MYH9-R398 RIKVGRDYVC	37	>MYH9-R398 RIKVGQDYVC	83	46
>MYH9-R398 RIKVGRDY	1402	>MYH9-R398 RIKVGQDY	394	1008
>MYH9-R398 RIKVGRDY	235	>MYH9-R398 RIKVGQDY	166	69
>MYH9-R398 PRIKVGRDY	947	>MYH9-R398 PRIKVGQDY	363	584
>MYH9-R398 TPRIKVGRDY	138	>MYH9-R398 TPRIKVGQDY	140	2
>MYH9-R398 TPRIKVGRDY	113	>MYH9-R398 TPRIKVGQDY	437	324
>MYH9-R398 LTPRIKVGR	96	>MYH9-R398 LTPRIKVGQ	15827	15731
>MYH9-R398 LTPRIKVGR	49	>MYH9-R398 LTPRIKVGQ	7125	7076
>MYH9-R398 ILTPRIKVGR	3199	>MYH9-R398 ILTPRIKVGQ	46	3153
>MYH9-R398 ILTPRIKVGR	40	>MYH9-R398 ILTPRIKVGQ	12591	12551
>MYH9-R398 ILTPRIKVGR	217	>MYH9-R398 ILTPRIKVGQ	20031	19814
>MYH9-R398 ILTPRIKVGR	385	>MYH9-R398 ILTPRIKVGQ	30958	30573
>MYH9-R398 ILTPRIKVGR	160	>MYH9-R398 ILTPRIKVGQ	15523	15363
>MYST3-E67: LLSKREGQA	438	>MYST3-E67: LLSKRDGQA	305	133
>MYST3-E67: LLSKREGQA	83	>MYST3-E67: LLSKRDGQA	136	53
>MYST3-E67: YLLSKREGQA	254	>MYST3-E67: YLLSKRDGQA	202	52
>MYST3-E67: YLLSKREGQA	165	>MYST3-E67: YLLSKRDGQA	146	19
>MYST3-E67: YLLSKREGQA	16	>MYST3-E67: YLLSKRDGQA	26	10
>MYST3-E67: YLLSKREGQA	428	>MYST3-E67: YLLSKRDGQA	499	71
>MYST3-E67: YLLSKREGQA	328	>MYST3-E67: YLLSKRDGQA	233	95
>MYST3-E67: YLLSKREGQA	33	>MYST3-E67: YLLSKRDGQA	31	2
>MYST3-E67: YLLSKREGQA	212	>MYST3-E67: YLLSKRDGQA	335	123
>MYST3-E67: YLLSKREGQ	27	>MYST3-E67: YLLSKRDGQ	68	41
>MYST3-E67: YLLSKREGQA	7	>MYST3-E67: YLLSKRDGQA	11	4
>MYST3-N45 WPTDNQDG\	191	>MYST3-N45 WPTDSQDGV	144	47
>MYST3-N45 WPTDNQDG\	31	>MYST3-N45 WPTDSQDGV	27	4
>MYST3-N45 WPTDNQDG\	22	>MYST3-N45 WPTDSQDGV	23	1
>MYST3-N45 WPTDNQDG\	37	>MYST3-N45 WPTDSQDGV	20	17
>MYST3-R26 RPSEERICNA\	33	>MYST3-R26 CPSEERICNA\	901	868

>MYST3-R26 RPSEERICNA\	1521	>MYST3-R26 CPSEERICNA\	424	1097
>MYST3-R26 RPSEERICNA\	3210	>MYST3-R26 CPSEERICNA\	179	3031
>MYST3-R26 RPSEERICNA\	358	>MYST3-R26 CPSEERICNA\	822	464
>MYST3-R26 AIKKVKKQKQ	45	>MYST3-R26 AIKKVKKQKQ	21789	21744
>MYST3-R26 KQRPSEER	460	>MYST3-R26 KQCPSEER	11886	11426
>MYST3-R26 KQRPSEERI	496	>MYST3-R26 KQCPSEERI	10823	10327
>MYST3-R26 KQRPSEER	25	>MYST3-R26 KQCPSEER	36	11
>MYST3-R26 KQRPSEER	91	>MYST3-R26 KQCPSEER	458	367
>MYST3-R26 KQRPSEERI	88	>MYST3-R26 KQCPSEERI	540	452
>MYST3-R26 KQRPSEER	513	>MYST3-R26 KQCPSEER	205	308
>MYST3-R26 KQKQRPSEEF	395	>MYST3-R26 KQKQCPSEEF	279	116
>MYST3-R26 KQKQRPSEEF	313	>MYST3-R26 KQKQCPSEEF	191	122
>MYST3-R26 KQKQRPSEEF	239	>MYST3-R26 KQKQCPSEEF	180	59
>MYST3-R26 KQKQRPSEEF	303	>MYST3-R26 KQKQCPSEEF	98	205
>MYST3-R26 KVKKQKQR	34	>MYST3-R26 KVKKQKQC	620	586
>MYST3-R26 KVKKQKQRP	320	>MYST3-R26 KVKKQKQCP	537	217
>MYST3-R26 KVKKQKQRP!	24	>MYST3-R26 KVKKQKQCP!	19	5
>MYST3-R26 KVKKQKQRP!	64	>MYST3-R26 KVKKQKQCP!	210	146
>MYST3-R26 KVKKQKQR	12	>MYST3-R26 KVKKQKQC	14507	14495
>MYST3-R26 KVKKQKQR	158	>MYST3-R26 KVKKQKQC	33337	33179
>MYST3-R26 KKVKKQKQR	348	>MYST3-R26 KKVKKQKQC	33123	32775
>MYST3-V58 VSTIYCQNL	155	>MYST3-V58 MSTIYCQNL	508	353
>MYST3-V58 VSTIYCQNL	14	>MYST3-V58 MSTIYCQNL	10	4
>MYST3-V58 VSTIYCQNLCI	107	>MYST3-V58 MSTIYCQNLC	50	57
>MYST3-V58 VSTIYCQNL	118	>MYST3-V58 MSTIYCQNL	171	53
>MYST3-V58 VSTIYCQNLCI	427	>MYST3-V58 MSTIYCQNLC	573	146
>MYST3-V58 NVSTIYCQNL	1078	>MYST3-V58 NMSTIYCQNI	86	992
>MYST3-V58 NVSTIYCQNL	1906	>MYST3-V58 NMSTIYCQNI	215	1691
>MYST3-V58 NVSTIYCQNL	12713	>MYST3-V58 NMSTIYCQNI	369	12344
>MYST3-V58 NVSTIYCQNL	5672	>MYST3-V58 NMSTIYCQNI	105	5567
>MYST3-V58 NVSTIYCQNL	5300	>MYST3-V58 NMSTIYCQNI	47	5253
>MYST3-V58 NVSTIYCQNL	71	>MYST3-V58 NMSTIYCQNI	195	124
>MYST3-V58 NISVFEVDGN	77	>MYST3-V58 NISVFEVDGN	3877	3800
>MYST3-V58 DGNVSTIY	626	>MYST3-V58 DGNMSTIY	438	188
>MYST3-V58 VDGNVSTIY	197	>MYST3-V58 VDGNMSTIY	235	38
>MYST3-V58 VDGNVSTI	318	>MYST3-V58 VDGNMSTI	225	93
>MYST3-V58 EVDGNVSTIY	193	>MYST3-V58 EVDGNMSTI\	123	70
>MYST3-V58 EVDGNVSTI	405	>MYST3-V58 EVDGNMSTI	1846	1441
>MYST3-V58 EVDGNVSTI	989	>MYST3-V58 EVDGNMSTI	183	806
>MYST3-V58 EVDGNVSTIY	190	>MYST3-V58 EVDGNMSTI\	107	83
>MYST3-V58 EVDGNVSTIY	276	>MYST3-V58 EVDGNMSTI\	178	98
>MYST3-V58 EVDGNVSTIY	225	>MYST3-V58 EVDGNMSTI\	117	108
>MYST3-V58 EVDGNVSTIY	803	>MYST3-V58 EVDGNMSTI\	370	433

>MYST3-V58 EVDGNVSTI	208	>MYST3-V58 EVDGNMSTI	135	73
>MYST3-V58 EVDGNVSTI	36	>MYST3-V58 EVDGNMSTI	19	17
>MYST3-V58 FEVDGNVS	102	>MYST3-V58 FEVDGNMS	125	23
>MYST3-V58 FEVDGNVSTI	71	>MYST3-V58 FEVDGNMST	69	2
>MYST3-V58 FEVDGNVSTI	521	>MYST3-V58 FEVDGNMST	317	204
>MYST3-V58 FEVDGNVSTI	183	>MYST3-V58 FEVDGNMST	182	1
>MYST3-V58 FEVDGNVSTI	200	>MYST3-V58 FEVDGNMST	207	7
>MYST3-V58 FEVDGNVSTI	86	>MYST3-V58 FEVDGNMST	90	4
>MYST3-V58 FEVDGNVSTI	16	>MYST3-V58 FEVDGNMST	15	1
>MYST3-V58 FEVDGNVSTI	243	>MYST3-V58 FEVDGNMST	258	15
>MYST3-V58 FEVDGNVSTI	235	>MYST3-V58 FEVDGNMST	296	61
>MYST3-V58 FEVDGNVST	440	>MYST3-V58 FEVDGNMST	445	5
>MYST3-V58 FEVDGNVST	100	>MYST3-V58 FEVDGNMST	82	18
>MYST3-V58 FEVDGNVSTI	159	>MYST3-V58 FEVDGNMST	151	8
>MYST3-V58 FEVDGNVSTI	185	>MYST3-V58 FEVDGNMST	187	2
>MYST3-V58 FEVDGNVST	158	>MYST3-V58 FEVDGNMST	153	5
>MYST3-V58 FEVDGNVSTI	16	>MYST3-V58 FEVDGNMST	12	4
>MYST3-V58 SVFEVDGNV	250	>MYST3-V58 SVFEVDGNM	5606	5356
>MYST3-V58 SVFEVDGNV	192	>MYST3-V58 SVFEVDGNM	3448	3256
>MYST3-V58 SVFEVDGNV	73	>MYST3-V58 SVFEVDGNM	4488	4415
>MYST3-V58 SVFEVDGNV	87	>MYST3-V58 SVFEVDGNM	2505	2418
>MYST3-V58 SVFEVDGNV	299	>MYST3-V58 SVFEVDGNM	335	36
>MYST3-V58 SVFEVDGNV	8	>MYST3-V58 SVFEVDGNM	835	827
>MYST3-V58 SVFEVDGNV	266	>MYST3-V58 SVFEVDGNM	11533	11267
>MYST3-V58 SVFEVDGNV	14	>MYST3-V58 SVFEVDGNM	1788	1774
>MYST3-V58 SVFEVDGNV	38	>MYST3-V58 SVFEVDGNM	12208	12170
>MYST3-V58 SVFEVDGNV	3826	>MYST3-V58 SVFEVDGNM	129	3697
>MYST3-V58 SVFEVDGNV	6	>MYST3-V58 SVFEVDGNM	96	90
>MYST3-V58 SVFEVDGNV	173	>MYST3-V58 SVFEVDGNM	137	36
>MYST3-V58 SVFEVDGNV	59	>MYST3-V58 SVFEVDGNM	679	620
>MYST3-V58 SVFEVDGNV	5069	>MYST3-V58 SVFEVDGNM	248	4821
>MYST3-V58 ISVFEVDGNV	9813	>MYST3-V58 ISVFEVDGNM	210	9603
>MYST3-V58 ISVFEVDGNV	421	>MYST3-V58 ISVFEVDGNM	11910	11489
>MYST3-V58 ISVFEVDGNV	1073	>MYST3-V58 ISVFEVDGNM	19	1054
>MYST3-V58 ISVFEVDGNV	5812	>MYST3-V58 ISVFEVDGNM	144	5668
>MYST4-A13 ALLPQEENR	338	>MYST4-A13 TLLPQEENR	492	154
>MYST4-A13 ALLPQEENR	1411	>MYST4-A13 TLLPQEENR	423	988
>MYST4-A13 ALLPQEENRR	1297	>MYST4-A13 TLLPQEENRR	414	883
>MYST4-A13 EALLPQEENR	285	>MYST4-A13 ETLLPQEENR	100	185
>MYST4-A13 EALLPQEENR	75	>MYST4-A13 ETLLPQEENR	26	49
>MYST4-A13 EALLPQEENR	62	>MYST4-A13 ETLLPQEENR	14	48
>MYST4-A13 ETGEALLPQ	179	>MYST4-A13 ETGETLLPQ	266	87
>MYST4-A13 ETGEALLPQ	165	>MYST4-A13 ETGETLLPQ	94	71

>MYST4-A13 ETGEALLPQ	201	>MYST4-A13 ETGETLLPQ	247	46
>MYST4-A13 KETGEALL	143	>MYST4-A13 KETGETLL	485	342
>MYST4-A13 KETGEALL	14	>MYST4-A13 KETGETLL	19	5
>MYST4-A13 KETGEALL	569	>MYST4-A13 KETGETLL	157	412
>MYST4-A13 EVKETGEAL	270	>MYST4-A13 EVKETGETL	625	355
>MYST4-A13 EEVKETGEAL	498	>MYST4-A13 EEVKETGETLI	581	83
>MYST4-A13 EEVKETGEAL	282	>MYST4-A13 EEVKETGETLI	306	24
>MYST4-A13 EEVKETGEAL	420	>MYST4-A13 EEVKETGETL	321	99
>MYST4-A13 EEVKETGEA	98	>MYST4-A13 EEVKETGET	732	634
>MYST4-A13 EEVKETGEAL	377	>MYST4-A13 EEVKETGETLI	364	13
>MYST4-A13 EEEVKETGEA	107	>MYST4-A13 EEEVKETGETI	157	50
>MYST4-A13 EEEVKETGEA	154	>MYST4-A13 EEEVKETGET	843	689
>MYST4-E13' EEEGGGNVEK	356	>MYST4-E13' EGGGGNVEK	37430	37074
>MYST4-E13' EEEGGGNV	73	>MYST4-E13' EGGGGNV	205	132
>MYST4-E13' EEEGGGNV	259	>MYST4-E13' EGGGGNV	1840	1581
>MYST4-E13' EEEGGGNV	192	>MYST4-E13' EGGGGNV	110	82
>MYST4-E13' EEEGGGN	417	>MYST4-E13' EEEGGGN	1397	980
>MYST4-E13' EEEGGGNV	324	>MYST4-E13' EEEGGGNV	147	177
>MYST4-E13' EEEGGGNV	359	>MYST4-E13' EEEGGGNV	302	57
>MYST4-E13' GEEEGGGN'	215	>MYST4-E13' GEEEGGGN	813	598
>MYST4-E70! EKIECESGV	3223	>MYST4-E70! KKIECESGV	332	2891
>MYST4-E70! EKIECESGV	988	>MYST4-E70! KKIECESGV	116	872
>MYST4-E70! WEKIECESGV	194	>MYST4-E70! WKKIECESGV	5496	5302
>MYST4-E70! WEKIECESGV	7434	>MYST4-E70! WKKIECESGV	416	7018
>MYST4-E70! WEKIECESGV	297	>MYST4-E70! WKKIECESGV	21091	20794
>MYST4-E70! ELSWEKIEC	345	>MYST4-E70! ELSWKKIEC	436	91
>MYST4-E70! QELSWEKI	427	>MYST4-E70! QELSWKKI	44	383
>MYST4-E70! QELSWEKI	483	>MYST4-E70! QELSWKKI	1744	1261
>MYST4-E70! QELSWEKI	461	>MYST4-E70! QELSWKKI	827	366
>MYST4-E70! AQELSWEKI	1511	>MYST4-E70! AQELSWKKI	467	1044
>MYST4-E70! AQELSWEK	273	>MYST4-E70! AQELSWKK	393	120
>MYST4-E70! QAQELSWE	27054	>MYST4-E70! QAQELSWK	409	26645
>MYST4-E70! QAQELSWEK	79	>MYST4-E70! QAQELSWKK	87	8
>MYST4-E70! QAQELSWE	25682	>MYST4-E70! QAQELSWK	407	25275
>MYST4-E70! QAQELSWEK	489	>MYST4-E70! QAQELSWKK	332	157
>MYST4-E70! KQAQELSWE	47	>MYST4-E70! KQAQELSWK	218	171
>MYST4-E70! KQAQELSWE	21759	>MYST4-E70! KQAQELSWK	396	21363
>MYST4-E70! KQAQELSWE	186	>MYST4-E70! KQAQELSWK	237	51
>MYST4-E70! KQAQELSWE	426	>MYST4-E70! KQAQELSWK	275	151
>MYST4-E70! KQAQELSWE	346	>MYST4-E70! KQAQELSWK	742	396
>MYST4-E70! KQAQELSWE	589	>MYST4-E70! KQAQELSWK	291	298
>MYST4-E70! KQAQELSWE	499	>MYST4-E70! KQAQELSWK	529	30
>MYST4-G15 GNPATMEI	15049	>MYST4-G15 ENPATMEI	136	14913

>MYST4-G15 EGNPATMEI	2922	>MYST4-G15 EENPATMEI	8	2914
>MYST4-G15 EGNPATMEI	63	>MYST4-G15 EENPATMEI	672	609
>MYST4-G15 EGNPATMEI	39730	>MYST4-G15 EENPATMEI	358	39372
>MYST4-G15 EGNPATMEI	38908	>MYST4-G15 EENPATMEI	308	38600
>MYST4-G15 EGNPATMEI	37930	>MYST4-G15 EENPATMEI	246	37684
>MYST4-G15 EGNPATMEI	33595	>MYST4-G15 EENPATMEI	220	33375
>MYST4-G15 KEGNPATM	1237	>MYST4-G15 KEENPATM	402	835
>MYST4-G15 KEGNPATME	246	>MYST4-G15 KEENPATMEI	129	117
>MYST4-G15 KEGNPATM	641	>MYST4-G15 KEENPATM	101	540
>MYST4-G15 KEGNPATME	326	>MYST4-G15 KEENPATMEI	204	122
>MYST4-G15 KEGNPATME	3217	>MYST4-G15 KEENPATMEI	442	2775
>MYST4-G15 KEGNPATME	9	>MYST4-G15 KEENPATMEI	9	0
>MYST4-G15 FKEGNPATM	708	>MYST4-G15 FKEENPATM	202	506
>MYST4-G15 FKEGNPATM	1016	>MYST4-G15 FKEENPATMEI	396	620
>MYST4-G15 FKEGNPATM	35	>MYST4-G15 FKEENPATM	32	3
>MYST4-G15 FKEGNPATM	334	>MYST4-G15 FKEENPATMEI	313	21
>MYST4-G15 TEFKEGNPAT	420	>MYST4-G15 TEFKEENPAT	684	264
>MYST4-G15 TEFKEGNPAT	72	>MYST4-G15 TEFKEENPAT	140	68
>MYST4-G15 TEFKEGNPAT	497	>MYST4-G15 TEFKEENPAT	604	107
>MYST4-G15 TEFKEGNPAT	186	>MYST4-G15 TEFKEENPAT	310	124
>MYST4-G15 TEFKEGNPA	66	>MYST4-G15 TEFKEENPA	131	65
>MYST4-G15 TEFKEGNPAT	369	>MYST4-G15 TEFKEENPAT	492	123
>MYST4-G15 TEFKEGNPA	140	>MYST4-G15 TEFKEENPA	136	4
>MYST4-G15 TEFKEGNPAT	172	>MYST4-G15 TEFKEENPAT	142	30
>MYST4-Q11 FQHQP GKRR	9074	>MYST4-Q11 FLHQP GKRR	165	8909
>MYST4-Q11 FQHQP GKRR	26642	>MYST4-Q11 FLHQP GKRR	85	26557
>MYST4-Q11 FQHQP GKRR	27041	>MYST4-Q11 FLHQP GKRR	101	26940
>MYST4-Q11 FQHQP GKRR	4953	>MYST4-Q11 FLHQP GKRR	379	4574
>MYST4-Q11 FQHQP GKRR	231	>MYST4-Q11 FLHQP GKRR	3931	3700
>MYST4-Q11 GRKP VLRKAF	5376	>MYST4-Q11 GRKP VLRKAF	463	4913
>MYST4-Q11 GRKP VLRKAF	4350	>MYST4-Q11 GRKP VLRKAF	122	4228
>MYST4-Q11 GRKP VLRKAF	1127	>MYST4-Q11 GRKP VLRKAF	13	1114
>MYST4-Q11 AFQHQP GK	221	>MYST4-Q11 AFLHQP GK	56	165
>MYST4-Q11 AFQHQP GK	520	>MYST4-Q11 AFLHQP GK	125	395
>MYST4-Q11 AFQHQP GK	518	>MYST4-Q11 AFLHQP GK	297	221
>MYST4-Q11 AFQHQP GK	1498	>MYST4-Q11 AFLHQP GK	363	1135
>MYST4-Q11 KAFQHQP GK	55	>MYST4-Q11 KAFLHQP GK	53	2
>MYST4-Q11 KAFQHQP GK	508	>MYST4-Q11 KAFLHQP GK	181	327
>MYST4-Q11 KAFQHQP GK	86	>MYST4-Q11 KAFLHQP GK	49	37
>MYST4-Q11 KAFQHQP GK	733	>MYST4-Q11 KAFLHQP GK	413	320
>MYST4-Q11 KAFQHQP G	682	>MYST4-Q11 KAFLHQP G	435	247
>MYST4-Q11 KAFQHQP GK	11	>MYST4-Q11 KAFLHQP GK	7	4
>MYST4-Q11 KAFQHQP GK	20	>MYST4-Q11 KAFLHQP GK	13	7



>MYST4-Q11 KAFQHQP GK	658	>MYST4-Q11 KAFLHQP GK	243	415
>MYST4-Q11 KAFQHQP GK	40	>MYST4-Q11 KAFLHQP GK	24	16
>MYST4-Q11 KAFQHQP GK	200	>MYST4-Q11 KAFLHQP GK	350	150
>MYST4-Q11 KAFQHQP GK	314	>MYST4-Q11 KAFLHQP GK	456	142
>MYST4-Q11 KAFQHQP GK	50	>MYST4-Q11 KAFLHQP GK	77	27
>MYST4-Q11 RKAFLHQP GK	492	>MYST4-Q11 RKAFLHQP GK	786	294
>MYST4-Q11 LRKAFLHQP GK	380	>MYST4-Q11 LRKAFLHQP GK	358	22
>MYST4-Q11 LRKAFLHQP GK	94	>MYST4-Q11 LRKAFLHQP GK	96	2
>MYST4-Q11 LRKAFLHQP GK	667	>MYST4-Q11 LRKAFLHQP GK	466	201
>MYST4-Q11 VLRKAFLH	1241	>MYST4-Q11 VLRKAFLH	404	837
>MYST4-Q11 VLRKAFLHQ	709	>MYST4-Q11 VLRKAFLHQ	376	333
>MYST4-Q11 VLRKAFLHQ	267	>MYST4-Q11 VLRKAFLHQ	287	20
>MYST4-Q11 KPVL RKAFL	6354	>MYST4-Q11 KPVL RKAFL	25	6329
>MYST4-Q11 RKPVL RKAFL	3165	>MYST4-Q11 RKPVL RKAFL	279	2886
>MYST4-Q11 RKPVL RKAFL	9186	>MYST4-Q11 RKPVL RKAFL	419	8767
>MYST4-S16: SVPAL ENSYA	411	>MYST4-S16: IVPAL ENSYA	429	18
>MYST4-S16: SVPAL ENSYA	304	>MYST4-S16: IVPAL ENSYA	363	59
>MYST4-S16: SVPAL ENSYA	277	>MYST4-S16: IVPAL ENSYA	376	99
>MYST4-S16: SVPAL ENSY	152	>MYST4-S16: IVPAL ENSY	775	623
>MYST4-S16: SVPAL ENSY	273	>MYST4-S16: IVPAL ENSY	1519	1246
>MYST4-S16: SVPAL ENSY	242	>MYST4-S16: IVPAL ENSY	377	135
>MYST4-S16: SVPAL ENSY	153	>MYST4-S16: IVPAL ENSY	113	40
>MYST4-S16: SVPAL ENSYA	94	>MYST4-S16: IVPAL ENSYA	322	228
>MYST4-S16: SVPAL ENSY	489	>MYST4-S16: IVPAL ENSY	965	476
>MYST4-S16: PSVPAL ENSY	114	>MYST4-S16: PIVPAL ENSY	101	13
>MYST4-S16: PSVPAL ENSY	275	>MYST4-S16: PIVPAL ENSY	12724	12449
>MYST4-S16: GQSVRSVNSI	7585	>MYST4-S16: GQSVRSVNSI	248	7337
>MYST4-S16: GQSVRSVNSI	3567	>MYST4-S16: GQSVRSVNSI	411	3156
>MYST4-S16: GQSVRSVNSI	4040	>MYST4-S16: GQSVRSVNSI	109	3931
>MYST4-S16: SPSVPAL ENS'	32	>MYST4-S16: SPIVPAL ENSY	22	10
>MYST4-S16: SPSVPAL ENS'	356	>MYST4-S16: SPIVPAL ENSY	260	96
>MYST4-S16: SPSVPAL ENS'	35	>MYST4-S16: SPIVPAL ENSY	30	5
>MYST4-S16: NSPSVPAL	317	>MYST4-S16: NSPIVPAL	192	125
>MYST4-S16: SVNSPSVPA	490	>MYST4-S16: SVNSPIVPA	124	366
>MYST4-S16: SVNSPSVPAL	546	>MYST4-S16: SVNSPIVPAL	458	88
>MYST4-S16: SVNSPSVPA	718	>MYST4-S16: SVNSPIVPA	265	453
>MYST4-S16: SVNSPSVPA	1372	>MYST4-S16: SVNSPIVPA	241	1131
>MYST4-S16: SVNSPSVPAL	194	>MYST4-S16: SVNSPIVPAL	67	127
>MYST4-S16: SVNSPSVPAL	682	>MYST4-S16: SVNSPIVPAL	343	339
>MYST4-S16: SVNSPSVPAL	332	>MYST4-S16: SVNSPIVPAL	170	162
>MYST4-S16: SVNSPSVPAL	561	>MYST4-S16: SVNSPIVPAL	199	362
>MYST4-S16: SVNSPSVPA	275	>MYST4-S16: SVNSPIVPA	761	486
>MYST4-S16: SVNSPSVPAL	462	>MYST4-S16: SVNSPIVPAL	302	160

>MYST4-S16:SVNSPSVPA	16	>MYST4-S16:SVNSPIVPA	11	5
>MYST4-S16:SVNSPSVPAL	733	>MYST4-S16:SVNSPIVPAL	291	442
>MYST4-S16:SVNSPSVPA	91	>MYST4-S16:SVNSPIVPA	125	34
>MYST4-S16:SVNSPSVPAL	60	>MYST4-S16:SVNSPIVPAL	54	6
>MYST4-S16:RSVNSPSV	408	>MYST4-S16:RSVNSPIV	1157	749
>MYST4-S16:RSVNSPSV	133	>MYST4-S16:RSVNSPIV	192	59
>MYST4-S16:RSVNSPSVPA	79	>MYST4-S16:RSVNSPIVPA	85	6
>MYST4-S16:RSVNSPSVPA	261	>MYST4-S16:RSVNSPIVPA	231	30
>MYST4-S16:RSVNSPSVPA	323	>MYST4-S16:RSVNSPIVPA	101	222
>MYST4-S16:RSVNSPSVPA	655	>MYST4-S16:RSVNSPIVPA	431	224
>MYST4-S16:RSVNSPSVPA	416	>MYST4-S16:RSVNSPIVPA	911	495
>MYST4-S16:RSVNSPSV	92	>MYST4-S16:RSVNSPIV	179	87
>MYST4-S16:RSVNSPSVPA	124	>MYST4-S16:RSVNSPIVPA	190	66
>MYST4-S16:RSVNSPSVPA	16	>MYST4-S16:RSVNSPIVPA	40	24
>MYST4-S16:RSVNSPSV	12	>MYST4-S16:RSVNSPIV	48	36
>MYST4-S16:RSVNSPSVPA	103	>MYST4-S16:RSVNSPIVPA	178	75
>MYST4-S16:RSVNSPSVPA	3	>MYST4-S16:RSVNSPIVPA	4	1
>MYST4-S16:RSVNSPSVPA	350	>MYST4-S16:RSVNSPIVPA	279	71
>MYST4-S16:RSVNSPSVPA	98	>MYST4-S16:RSVNSPIVPA	104	6
>MYST4-S16:RSVNSPSVPA	545	>MYST4-S16:RSVNSPIVPA	461	84
>MYST4-S16:RSVNSPSV	342	>MYST4-S16:RSVNSPIV	297	45
>MYST4-S16:RSVNSPSVPA	235	>MYST4-S16:RSVNSPIVPA	550	315
>MYST4-S16:RSVNSPSVPA	172	>MYST4-S16:RSVNSPIVPA	245	73
>MYST4-S16:VRSVNSPS	4865	>MYST4-S16:VRSVNSPI	284	4581
>MYST4-S16:VRSVNSPSV	373	>MYST4-S16:VRSVNSPIV	601	228
>MYST4-S16:SVRSVNSPS	22072	>MYST4-S16:SVRSVNSPI	119	21953
>MYST4-S16:SVRSVNSPS	9427	>MYST4-S16:SVRSVNSPI	226	9201
>MYST4-S16:SVRSVNSPSV	232	>MYST4-S16:SVRSVNSPIV	826	594
>MYST4-S16:SVRSVNSPSV	313	>MYST4-S16:SVRSVNSPIV	1248	935
>MYST4-S16:SVRSVNSPSV	478	>MYST4-S16:SVRSVNSPIV	878	400
>MYST4-S16:SVRSVNSPSV	32	>MYST4-S16:SVRSVNSPIV	129	97
>MYST4-S16:SVRSVNSPS	35	>MYST4-S16:SVRSVNSPI	7	28
>MYST4-S16:SVRSVNSPSV	7	>MYST4-S16:SVRSVNSPIV	9	2
>MYST4-S16:SVRSVNSPSV	375	>MYST4-S16:SVRSVNSPIV	152	223
>MYST4-S16:SVRSVNSPS	4796	>MYST4-S16:SVRSVNSPI	166	4630
>MYST4-S16:SVRSVNSPSV	310	>MYST4-S16:SVRSVNSPIV	1172	862
>MYST4-S16:SVRSVNSPS	9748	>MYST4-S16:SVRSVNSPI	171	9577
>MYST4-S16:SVRSVNSPS	405	>MYST4-S16:SVRSVNSPI	30	375
>MYST4-S16:SVRSVNSPSV	467	>MYST4-S16:SVRSVNSPIV	2996	2529
>MYST4-S16:SVRSVNSPS	29614	>MYST4-S16:SVRSVNSPI	307	29307
>MYST4-S16:QSVRSVNSPS	16295	>MYST4-S16:QSVRSVNSPI	385	15910
>MYST4-S16:QSVRSVNSPS	432	>MYST4-S16:QSVRSVNSPI'	1291	859
>MYST4-S16:QSVRSVNSPS	279	>MYST4-S16:QSVRSVNSPI'	1052	773

>MYST4-S16: QSVRSVNSPS	3488	>MYST4-S16: QSVRSVNSPI	162	3326
>MYST4-S16: QSVRSVNSPS	349	>MYST4-S16: QSVRSVNSPI'	623	274
>MYST4-S16: QSVRSVNSPS	5431	>MYST4-S16: QSVRSVNSPI	110	5321
>MYST4-S16: QSVRSVNSPS	456	>MYST4-S16: QSVRSVNSPI'	1607	1151
>MYST4-S16: QSVRSVNSPS	29325	>MYST4-S16: QSVRSVNSPI	50	29275
>MYST4-T48: ATGTTQKLK	533	>MYST4-T48: ATGATQKLK	357	176
>MYST4-T48: ATGTTQKLK	120	>MYST4-T48: ATGATQKLK	80	40
>MYST4-T48: ATGTTQKLK	90	>MYST4-T48: ATGATQKLK	60	30
>MYST4-T48: ATGTTQKL	156	>MYST4-T48: ATGATQKL	70	86
>MYST4-T48: ATGTTQKLK	259	>MYST4-T48: ATGATQKLK	302	43
>MYST4-T48: LATGTTQKL	267	>MYST4-T48: LATGATQKL	292	25
>MYST4-T48: LATGTTQKLK	380	>MYST4-T48: LATGATQKLK	283	97
>MYST4-T48: LATGTTQK	109	>MYST4-T48: LATGATQK	112	3
>MYST4-T48: LATGTTQKL	118	>MYST4-T48: LATGATQKL	155	37
>MYST4-T48: LATGTTQKL	354	>MYST4-T48: LATGATQKL	270	84
>MYST4-T48: VLATGTTQKL	55	>MYST4-T48: VLATGATQKL	66	11
>MYST4-T48: VLATGTTQKL	321	>MYST4-T48: VLATGATQKL	515	194
>MYST4-T48: VLATGTTQKL	30	>MYST4-T48: VLATGATQKL	48	18
>MYST4-T48: VLATGTTQKL	75	>MYST4-T48: VLATGATQKL	160	85
>MYST4-T48: VLATGTTQKL	17	>MYST4-T48: VLATGATQKL	24	7
>MYST4-T48: VLATGTTQKL	8	>MYST4-T48: VLATGATQKL	13	5
>MYST4-T48: VLATGTTQ	34	>MYST4-T48: VLATGATQ	36	2
>MYST4-T48: VLATGTTQK	168	>MYST4-T48: VLATGATQK	358	190
>MYST4-T48: VLATGTTQKL	3	>MYST4-T48: VLATGATQKL	3	0
>MYST4-T48: VLATGTTQK	35	>MYST4-T48: VLATGATQK	40	5
>MYST4-T48: VLATGTTQKL	46	>MYST4-T48: VLATGATQKL	49	3
>MYST4-T48: VLATGTTQK	146	>MYST4-T48: VLATGATQK	323	177
>MYST4-T48: VLATGTTQKL	283	>MYST4-T48: VLATGATQKL	385	102
>MYST4-T48: HVLATGTTQK	559	>MYST4-T48: HVLATGATQI	488	71
>MYST4-T48: HVLATGTTQK	51	>MYST4-T48: HVLATGATQI	72	21
>MYST4-T48: HVLATGTTQK	112	>MYST4-T48: HVLATGATQI	145	33
>MYST4-T48: HVLATGTTQ	2215	>MYST4-T48: HVLATGATQ	493	1722
>MYST4-T48: HVLATGTTQK	18	>MYST4-T48: HVLATGATQI	19	1
>MYST4-T48: HVLATGTTQK	480	>MYST4-T48: HVLATGATQI	245	235
>MYST4-T48: HVLATGTTQK	107	>MYST4-T48: HVLATGATQI	100	7
>MYST4-T48: HVLATGTTQK	116	>MYST4-T48: HVLATGATQI	80	36
>MYST4-T48: HVLATGTTQK	213	>MYST4-T48: HVLATGATQI	185	28
>MYST4-T48: CTSHVLATGT	1229	>MYST4-T48: CTSHVLATGA	449	780
>NACA-I128MEDLSQQA	798	>NACA-I128MEDLSQQA	347	451
>NACA-I128MEDLSQQAQL	549	>NACA-I128MEDLSQQAC	352	197
>NACA-I128MEDLSQQAQL	184	>NACA-I128MEDLSQQAC	138	46
>NACA-I128MEDLSQQA	2851	>NACA-I128MEDLSQQA	106	2745
>NACA-I128MEDLSQQAQL	1852	>NACA-I128MEDLSQQAC	76	1776

>NACA-I128M MEDLSQQAQL	1052	>NACA-I128M MEDLSQQAC	419	633
>NACA-I128M KIEDLSQQAC	3155	>NACA-I128M KMEDLSQQA	187	2968
>NACA-I128M KIEDLSQQA	1403	>NACA-I128M KMEDLSQQA	85	1318
>NACA-I128M KIEDLSQQAC	140	>NACA-I128M KMEDLSQQA	16	124
>NACA-I128M KIEDLSQQA	4341	>NACA-I128M KMEDLSQQA	369	3972
>NACA-I128M KIEDLSQQAC	4275	>NACA-I128M KMEDLSQQA	402	3873
>NACA-I128M KIEDLSQQA	2713	>NACA-I128M KMEDLSQQA	61	2652
>NACA-I128M KIEDLSQQAC	1332	>NACA-I128M KMEDLSQQA	29	1303
>NACA-I128M KIEDLSQQA	8800	>NACA-I128M KMEDLSQQA	187	8613
>NACA-I128M KIEDLSQQAC	3988	>NACA-I128M KMEDLSQQA	41	3947
>NACA-I128M KIEDLSQQA	6301	>NACA-I128M KMEDLSQQA	223	6078
>NACA-I128M KIEDLSQQAC	4549	>NACA-I128M KMEDLSQQA	164	4385
>NACA-I128M KIEDLSQQAC	8658	>NACA-I128M KMEDLSQQA	233	8425
>NACA-I128M KIEDLSQQ	6616	>NACA-I128M KMEDLSQQ	243	6373
>NACA-I128M KIEDLSQQA	309	>NACA-I128M KMEDLSQQA	10	299
>NACA-I128M KIEDLSQQAC	53	>NACA-I128M KMEDLSQQA	5	48
>NACA-I128M KIEDLSQQAC	981	>NACA-I128M KMEDLSQQA	464	517
>NACA-I128M KIEDLSQQAC	892	>NACA-I128M KMEDLSQQA	448	444
>NACA-I128M DTYIVFGEAKI	4477	>NACA-I128M DTYIVFGEAKI	98	4379
>NACA-I128M DTYIVFGEAKI	5350	>NACA-I128M DTYIVFGEAKI	139	5211
>NACA-I128M DTYIVFGEAKI	48	>NACA-I128M DTYIVFGEAKI	721	673
>NACA-I128M DTYIVFGEAKI	87	>NACA-I128M DTYIVFGEAKI	184	97
>NACA-I128M DTYIVFGEAKI	1261	>NACA-I128M DTYIVFGEAKI	208	1053
>NACA-I128M DTYIVFGEAKI	3681	>NACA-I128M DTYIVFGEAKI	272	3409
>NACA-I128M DTYIVFGEAKI	140	>NACA-I128M DTYIVFGEAKI	3299	3159
>NACA-I128M AKIEDLSQQA	715	>NACA-I128M AKMEDLSQQ	396	319
>NACA-I128M AKIEDLSQQA	527	>NACA-I128M AKMEDLSQQ	323	204
>NACA-I128M GEAKIEDL	35	>NACA-I128M GEAKMEDL	62	27
>NACA-I128M GEAKIEDL	544	>NACA-I128M GEAKMEDL	353	191
>NACA-I128M GEAKIEDL	134	>NACA-I128M GEAKMEDL	235	101
>NACA-I128M GEAKIEDLS	1017	>NACA-I128M GEAKMEDLS	448	569
>NACA-I128M GEAKIEDLSQ	532	>NACA-I128M GEAKMEDLS	358	174
>NACA-I128M IVFGEAKIEDL	417	>NACA-I128M IVFGEAKMEL	396	21
>NACA-I128M IVFGEAKI	328	>NACA-I128M IVFGEAKM	2648	2320
>NACA-I128M IVFGEAKI	481	>NACA-I128M IVFGEAKM	3329	2848
>NACA-I128M IVFGEAKIEDL	282	>NACA-I128M IVFGEAKMEL	612	330
>NACA-I128M IVFGEAKI	154	>NACA-I128M IVFGEAKM	2331	2177
>NACA-I128M IVFGEAKIEDL	341	>NACA-I128M IVFGEAKMEL	455	114
>NACA-I128M IVFGEAKI	525	>NACA-I128M IVFGEAKM	57	468
>NACA-I128M IVFGEAKI	455	>NACA-I128M IVFGEAKM	8660	8205
>NACA-I128M YIVFGEAKI	126	>NACA-I128M YIVFGEAKM	2128	2002
>NACA-I128M YIVFGEAKI	241	>NACA-I128M YIVFGEAKM	1195	954
>NACA-I128M YIVFGEAKI	215	>NACA-I128M YIVFGEAKM	1762	1547

>NACA-I128M YIVFGEAKI	118	>NACA-I128M YIVFGEAKM	797	679
>NACA-I128M YIVFGEAKI	2729	>NACA-I128M YIVFGEAKM	61	2668
>NACA-I128M YIVFGEAKI	2833	>NACA-I128M YIVFGEAKM	426	2407
>NACA-I128M YIVFGEAKI	12249	>NACA-I128M YIVFGEAKM	454	11795
>NACA-I128M YIVFGEAKI	3245	>NACA-I128M YIVFGEAKM	304	2941
>NACA-I128M TYIVFGEAKI	156	>NACA-I128M TYIVFGEAKM	1727	1571
>NACA-I128M TYIVFGEAKI	22	>NACA-I128M TYIVFGEAKM	250	228
>NBN-P748S NPYLKRRR	6686	>NBN-P748S NSYLKRRR	113	6573
>NBN-P748S NPYLKRRR	932	>NBN-P748S NSYLKRRR	175	757
>NBN-P748S NPYLKRRR	2826	>NBN-P748S NSYLKRRR	140	2686
>NBN-P748S SLADDLFRYN	7766	>NBN-P748S SLADDLFRYN	454	7312
>NBN-P748S SLADDLFRYN	128	>NBN-P748S SLADDLFRYN	44	84
>NBN-P748S SLADDLFRYN	775	>NBN-P748S SLADDLFRYN	89	686
>NBN-P748S YNPYLKRR	1736	>NBN-P748S YNSYLKRR	258	1478
>NBN-P748S YNPYLKRRR	1962	>NBN-P748S YNSYLKRRR	297	1665
>NBN-P748S RYNPYLKR	440	>NBN-P748S RYNSYLKR	543	103
>NBN-P748S RYNPYLKR	8	>NBN-P748S RYNSYLKR	7	1
>NBN-P748S RYNPYLKRR	9	>NBN-P748S RYNSYLKRR	7	2
>NBN-P748S RYNPYLKRRR	11	>NBN-P748S RYNSYLKRRR	10	1
>NBN-P748S RYNPYLKR	16	>NBN-P748S RYNSYLKR	18	2
>NBN-P748S RYNPYLKR	27	>NBN-P748S RYNSYLKRR	29	2
>NBN-P748S RYNPYLKRRR	29	>NBN-P748S RYNSYLKRRR	32	3
>NBN-P748S FRYNPYLKRR	400	>NBN-P748S FRYNSYLKRR	453	53
>NBN-P748S FRYNPYLK	964	>NBN-P748S FRYNSYLK	427	537
>NBN-P748S FRYNPYLKR	1509	>NBN-P748S FRYNSYLKR	460	1049
>NBN-P748S FRYNPYLK	338	>NBN-P748S FRYNSYLK	191	147
>NBN-P748S FRYNPYLKR	112	>NBN-P748S FRYNSYLKR	38	74
>NBN-P748S FRYNPYLKRR	381	>NBN-P748S FRYNSYLKRR	181	200
>NBN-P748S FRYNPYLKRR	774	>NBN-P748S FRYNSYLKRR	404	370
>NBN-P748S FRYNPYLK	22	>NBN-P748S FRYNSYLK	20	2
>NBN-P748S FRYNPYLKR	32	>NBN-P748S FRYNSYLKR	26	6
>NBN-P748S FRYNPYLKRR	91	>NBN-P748S FRYNSYLKRR	75	16
>NBN-P748S FRYNPYLKRR	40	>NBN-P748S FRYNSYLKRR	32	8
>NBN-P748S FRYNPYLKRR	280	>NBN-P748S FRYNSYLKRR	356	76
>NBN-P748S FRYNPYLKR	308	>NBN-P748S FRYNSYLKR	324	16
>NBN-P748S LFRYNPYLK	274	>NBN-P748S LFRYNSYLK	755	481
>NBN-P748S LFRYNPYL	34	>NBN-P748S LFRYNSYL	54	20
>NBN-P748S LFRYNPYLK	6	>NBN-P748S LFRYNSYLK	5	1
>NBN-P748S LFRYNPYLKR	237	>NBN-P748S LFRYNSYLKR	95	142
>NBN-P748S LFRYNPYLK	66	>NBN-P748S LFRYNSYLK	45	21
>NBN-P748S LFRYNPYLKR	63	>NBN-P748S LFRYNSYLKR	14	49
>NBN-P748S LFRYNPYLKRI	25	>NBN-P748S LFRYNSYLKRI	22	3
>NBN-P748S LFRYNPYLK	569	>NBN-P748S LFRYNSYLK	447	122

>NBN-P748S·LFRYNPYLKR	135	>NBN-P748S·LFRYNSYLKR	32	103
>NBN-P748S·LFRYNPYLKRI	134	>NBN-P748S·LFRYNSYLKRF	120	14
>NBN-P748S·LFRYNPYLKR	217	>NBN-P748S·LFRYNSYLKR	286	69
>NBN-P748S·LFRYNPYLKR	162	>NBN-P748S·LFRYNSYLKR	194	32
>NBN-P748S·LFRYNPYLKRI	271	>NBN-P748S·LFRYNSYLKRF	307	36
>NBN-P748S·LFRYNPYL	427	>NBN-P748S·LFRYNSYL	493	66
>NBN-P748S·DLFRYNPYL	204	>NBN-P748S·DLFRYNSYL	1766	1562
>NBN-P748S·DLFRYNPYL	90	>NBN-P748S·DLFRYNSYL	55	35
>NBN-P748S·DLFRYNPYL	11	>NBN-P748S·DLFRYNSYL	16	5
>NBN-P748S·DLFRYNPYL	238	>NBN-P748S·DLFRYNSYL	308	70
>NBN-P748S·DLFRYNPYL	46	>NBN-P748S·DLFRYNSYL	226	180
>NBN-P748S·DLFRYNPYL	63	>NBN-P748S·DLFRYNSYL	203	140
>NBN-P748S·DLFRYNPYL	19	>NBN-P748S·DLFRYNSYL	28	9
>NBN-P748S·DLFRYNPYLK	151	>NBN-P748S·DLFRYNSYLK	93	58
>NBN-P748S·DLFRYNPYLK	171	>NBN-P748S·DLFRYNSYLK	139	32
>NBN-P748S·DLFRYNPY	3375	>NBN-P748S·DLFRYNSY	487	2888
>NBN-P748S·DLFRYNPY	457	>NBN-P748S·DLFRYNSY	354	103
>NBN-P748S·DLFRYNPY	218	>NBN-P748S·DLFRYNSY	338	120
>NBN-P748S·DLFRYNPY	891	>NBN-P748S·DLFRYNSY	381	510
>NBN-P748S·DLFRYNPYLKI	413	>NBN-P748S·DLFRYNSYLKI	337	76
>NBN-P748S·DLFRYNPYLKI	25	>NBN-P748S·DLFRYNSYLKI	22	3
>NBN-P748S·DLFRYNPYLK	91	>NBN-P748S·DLFRYNSYLK	41	50
>NBN-P748S·DLFRYNPYLKI	33	>NBN-P748S·DLFRYNSYLKI	17	16
>NBN-P748S·DLFRYNPYL	1596	>NBN-P748S·DLFRYNSYL	273	1323
>NBN-P748S·DLFRYNPYL	44	>NBN-P748S·DLFRYNSYL	294	250
>NBN-P748S·DLFRYNPY	130	>NBN-P748S·DLFRYNSY	123	7
>NBN-P748S·DLFRYNPY	175	>NBN-P748S·DLFRYNSY	168	7
>NBN-P748S·DLFRYNPY	447	>NBN-P748S·DLFRYNSY	1245	798
>NBN-P748S·DLFRYNPYLK	468	>NBN-P748S·DLFRYNSYLK	608	140
>NBN-P748S·DLFRYNPYLKI	167	>NBN-P748S·DLFRYNSYLKI	196	29
>NBN-P748S·DDLFRYNPY	269	>NBN-P748S·DDLFRYNSY	390	121
>NBN-P748S·LADDFRYNP	24	>NBN-P748S·LADDFRYNS	49	25
>NBN-P748S·LADDFRYNP	49	>NBN-P748S·LADDFRYNS	137	88
>NBN-P748S·LADDFRYNP	1790	>NBN-P748S·LADDFRYNS	464	1326
>NBN-Y679H YGQLKNFKKF	180	>NBN-Y679H HGQLKNFKFI	1683	1503
>NBN-Y679H DYGQLKNFKI	315	>NBN-Y679H DHGQLKNFKI	10005	9690
>NBN-Y679H DYGQLKNFKI	402	>NBN-Y679H DHGQLKNFKI	9540	9138
>NBN-Y679H DYGQLKNF	51	>NBN-Y679H DHGQLKNF	15893	15842
>NBN-Y679H DYGQLKNFKI	30	>NBN-Y679H DHGQLKNFKI	9381	9351
>NBN-Y679H DYGQLKNFK	126	>NBN-Y679H DHGQLKNFK	11319	11193
>NBN-Y679H DYGQLKNFK	370	>NBN-Y679H DHGQLKNFK	10387	10017
>NBN-Y679H DYGQLKNFKI	491	>NBN-Y679H DHGQLKNFKI	12675	12184
>NBN-Y679H SRNPSGINDC	209	>NBN-Y679H SRNPSGINDC	3455	3246

>NBN-Y679H INDDYGQL	187	>NBN-Y679H INDDHGQL	2127	1940
>NBN-Y679H GINDDYGQL	267	>NBN-Y679H GINDDHGQL	918	651
>NBN-Y679H GINDDYGQL	93	>NBN-Y679H GINDDHGQL	486	393
>NBN-Y679H GINDDYGQL	101	>NBN-Y679H GINDDHGQL	115	14
>NBN-Y679H GINDDYGQL	488	>NBN-Y679H GINDDHGQL	510	22
>NBN-Y679H GINDDYGQL	70	>NBN-Y679H GINDDHGQL	146	76
>NBN-Y679H NPSGINDDY	23	>NBN-Y679H NPSGINDDH	295	272
>NBN-Y679H NPSGINDDY	148	>NBN-Y679H NPSGINDDH	11288	11140
>NBN-Y679H NPSGINDDY	498	>NBN-Y679H NPSGINDDH	30621	30123
>NBN-Y679H RNPSGINDDY	355	>NBN-Y679H RNPSGINDDH	24991	24636
>NCOA1-P35 PFIMGIHI	352	>NCOA1-P35 LFIMGIHI	204	148
>NCOA1-P35 PFIMGIHII	105	>NCOA1-P35 LFIMGIHII	73	32
>NCOA1-P35 PFIMGIHI	2227	>NCOA1-P35 LFIMGIHI	169	2058
>NCOA1-P35 PFIMGIHII	1421	>NCOA1-P35 LFIMGIHII	133	1288
>NCOA1-P35 PFIMGIHIIDR	2032	>NCOA1-P35 LFIMGIHIIDR	89	1943
>NCOA1-P35 PFIMGIHIIDR	628	>NCOA1-P35 LFIMGIHIIDR	130	498
>NCOA1-P35 PFIMGIHIIDR	5071	>NCOA1-P35 LFIMGIHIIDR	419	4652
>NCOA1-P35 PFIMGIHIIDR	187	>NCOA1-P35 LFIMGIHIIDR	267	80
>NCOA1-P35 PFIMGIHII	2678	>NCOA1-P35 LFIMGIHII	452	2226
>NCOA1-P35 QPFIMGIHI	235	>NCOA1-P35 QLFIMGIHI	34908	34673
>NCOA1-P35 QPFIMGIHII	425	>NCOA1-P35 QLFIMGIHII	37095	36670
>NCOA1-P35 QPFIMGIHI	26501	>NCOA1-P35 QLFIMGIHI	400	26101
>NCOA1-P35 QPFIMGIHII	13438	>NCOA1-P35 QLFIMGIHII	218	13220
>NCOA1-P35 QPFIMGIHI	22470	>NCOA1-P35 QLFIMGIHI	464	22006
>NCOA1-P35 QPFIMGIHII	14815	>NCOA1-P35 QLFIMGIHII	62	14753
>NCOA1-P35 QPFIMGIHI	24876	>NCOA1-P35 QLFIMGIHI	60	24816
>NCOA1-P35 QPFIMGIHII	22731	>NCOA1-P35 QLFIMGIHII	36	22695
>NCOA1-P35 QPFIMGIHII	22643	>NCOA1-P35 QLFIMGIHII	171	22472
>NCOA1-P35 QPFIMGIHI	25093	>NCOA1-P35 QLFIMGIHI	79	25014
>NCOA1-P35 QPFIMGIHII	24182	>NCOA1-P35 QLFIMGIHII	89	24093
>NCOA1-P35 QPFIMGIHI	35858	>NCOA1-P35 QLFIMGIHI	72	35786
>NCOA1-P35 QPFIMGIHII	32385	>NCOA1-P35 QLFIMGIHII	23	32362
>NCOA1-P35 QPFIMGIHII	15249	>NCOA1-P35 QLFIMGIHII	187	15062
>NCOA1-P35 QPFIMGIH	430	>NCOA1-P35 QLFIMGIH	11855	11425
>NCOA1-P35 QPFIMGIHI	352	>NCOA1-P35 QLFIMGIHI	29500	29148
>NCOA1-P35 MQPFIMGIHI	445	>NCOA1-P35 MQLFIMGIHI	168	277
>NCOA1-P35 MQPFIMGI	607	>NCOA1-P35 MQLFIMGI	67	540
>NCOA1-P35 MQPFIMGIHI	1496	>NCOA1-P35 MQLFIMGIHI	183	1313
>NCOA1-P35 MQPFIMGI	168	>NCOA1-P35 MQLFIMGI	170	2
>NCOA1-P35 MQPFIMGIHI	309	>NCOA1-P35 MQLFIMGIHI	311	2
>NCOA1-P35 MQPFIMGI	45	>NCOA1-P35 MQLFIMGI	92	47
>NCOA1-P35 MQPFIMGIHI	82	>NCOA1-P35 MQLFIMGIHI	156	74
>NCOA1-P35 MQPFIMGI	21	>NCOA1-P35 MQLFIMGI	9	12

>NCOA1-P35 MQPFIMGIHI	350	>NCOA1-P35 MQLFIMGIHI	121	229
>NCOA1-P35 MQPFIMGIHI	52	>NCOA1-P35 MQLFIMGIHI	16	36
>NCOA1-P35 MQPFIMGI	768	>NCOA1-P35 MQLFIMGI	104	664
>NCOA1-P35 MQPFIMGIHI	2582	>NCOA1-P35 MQLFIMGIHI	419	2163
>NCOA1-P35 MQPFIMGI	5137	>NCOA1-P35 MQLFIMGI	406	4731
>NCOA1-P35 MQPFIMGIHI	6093	>NCOA1-P35 MQLFIMGIHI	488	5605
>NCOA1-P35 MQPFIMGI	58	>NCOA1-P35 MQLFIMGI	441	383
>NCOA1-P35 MQPFIMGIHI	474	>NCOA1-P35 MQLFIMGIHI	2078	1604
>NCOA1-P35 MQPFIMGIHI	409	>NCOA1-P35 MQLFIMGIHI	2415	2006
>NCOA1-P35 MQPFIMGI	1138	>NCOA1-P35 MQLFIMGI	125	1013
>NCOA1-P35 MQPFIMGIHI	1714	>NCOA1-P35 MQLFIMGIHI	167	1547
>NCOA1-P35 MQPFIMGIHI	1853	>NCOA1-P35 MQLFIMGIHI	175	1678
>NCOA1-P35 MQPFIMGIHI	5283	>NCOA1-P35 MQLFIMGIHI	403	4880
>NCOA1-P35 MQPFIMGIHI	1401	>NCOA1-P35 MQLFIMGIHI	490	911
>NCOA1-P35 MQPFIMGI	623	>NCOA1-P35 MQLFIMGI	27	596
>NCOA1-P35 MQPFIMGIHI	3403	>NCOA1-P35 MQLFIMGIHI	296	3107
>NCOA1-P35 MQPFIMGIHI	1591	>NCOA1-P35 MQLFIMGIHI	396	1195
>NCOA1-P35 DMQPFIMGI	35	>NCOA1-P35 DMQLFIMGI	246	211
>NCOA1-P35 DMQPFIMGI	252	>NCOA1-P35 DMQLFIMGI	1105	853
>NCOA1-P35 DMQPFIMGI	152	>NCOA1-P35 DMQLFIMGI	517	365
>NCOA1-P35 DMQPFIMGI	111	>NCOA1-P35 DMQLFIMGI	412	301
>NCOA1-P35 DMQPFIMGI	62	>NCOA1-P35 DMQLFIMGI	987	925
>NCOA1-P35 DMQPFIMGI	403	>NCOA1-P35 DMQLFIMGI	3089	2686
>NCOA1-P35 DMQPFIMGI	201	>NCOA1-P35 DMQLFIMGI	535	334
>NCOA1-P35 PDMQPFIMG	275	>NCOA1-P35 PDMQLFIMG	164	111
>NCOA1-P35 PDMQPFIMG	144	>NCOA1-P35 PDMQLFIMG	76	68
>NCOA1-P35 SPDMQPF	108	>NCOA1-P35 SPDMQLFI	254	146
>NCOA1-P35 SPDMQPFIM	677	>NCOA1-P35 SPDMQLFIM	316	361
>NCOA1-P35 SPDMQPFIM	115	>NCOA1-P35 SPDMQLFIM	125	10
>NCOA1-P35 SPDMQPF	412	>NCOA1-P35 SPDMQLFI	295	117
>NCOA1-P35 SPDMQPFIM	165	>NCOA1-P35 SPDMQLFIM	205	40
>NCOA1-P35 QSPDMQPF	240	>NCOA1-P35 QSPDMQLF	1199	959
>NCOA1-P35 QSPDMQPF	678	>NCOA1-P35 QSPDMQLFI	238	440
>NCOA1-P35 QSPDMQPF	84	>NCOA1-P35 QSPDMQLF	157	73
>NCOA1-P35 QSPDMQPF	1080	>NCOA1-P35 QSPDMQLF	199	881
>NCOA1-P35 QSPDMQPF	8	>NCOA1-P35 QSPDMQLFI	7	1
>NCOA1-P35 QSPDMQPFII	6	>NCOA1-P35 QSPDMQLFII	4	2
>NCOA1-P35 QSPDMQPFII	112	>NCOA1-P35 QSPDMQLFII	134	22
>NCOA1-P35 QSPDMQPFII	26	>NCOA1-P35 QSPDMQLFII	46	20
>NCOA1-P35 QSPDMQPF	90	>NCOA1-P35 QSPDMQLFI	96	6
>NCOA1-P35 PQSPDMQPF	212	>NCOA1-P35 PQSPDMQLF	2678	2466
>NCOA1-P35 PQSPDMQPF	15	>NCOA1-P35 PQSPDMQLF	86	71
>NCOA1-P35 YPQSPDMQP	35350	>NCOA1-P35 YPQSPDMQL	39	35311



>NCOA1-P35 YPQSPDMQP	15	>NCOA1-P35 YPQSPDMQL	24	9
>NCOA1-P35 YPQSPDMQP	18473	>NCOA1-P35 YPQSPDMQL	44	18429
>NCOA1-P35 YPQSPDMQP	84	>NCOA1-P35 YPQSPDMQL	612	528
>NCOA1-P35 YPQSPDMQP	776	>NCOA1-P35 YPQSPDMQL	329	447
>NCOA1-P35 YPQSPDMQP	95	>NCOA1-P35 YPQSPDMQL	312	217
>NCOA1-P35 YPQSPDMQP	73	>NCOA1-P35 YPQSPDMQL	419	346
>NCOA1-P35 YPQSPDMQP	4760	>NCOA1-P35 YPQSPDMQL	167	4593
>NCOA1-P35 YPQSPDMQP	50	>NCOA1-P35 YPQSPDMQL	98	48
>NCOA1-P35 YPQSPDMQP	14651	>NCOA1-P35 YPQSPDMQL	412	14239
>NCOA1-P35 YPQSPDMQP	143	>NCOA1-P35 YPQSPDMQL	187	44
>NCOA1-P35 YPQSPDMQP	179	>NCOA1-P35 YPQSPDMQL	98	81
>NCOA1-P35 YPQSPDMQP	26	>NCOA1-P35 YPQSPDMQL	151	125
>NCOA1-P35 YPQSPDMQP	21450	>NCOA1-P35 YPQSPDMQL	456	20994
>NCOA1-P35 YPQSPDMQP	122	>NCOA1-P35 YPQSPDMQL	109	13
>NCOA1-P35 CYPQSPDMQ	102	>NCOA1-P35 CYPQSPDMQ	50	52
>NCOA1-P35 CYPQSPDMQ	19578	>NCOA1-P35 CYPQSPDMQ	155	19423
>NCOA1-P35 CYPQSPDMQ	80	>NCOA1-P35 CYPQSPDMQ	37	43
>NCOA1-P35 CYPQSPDMQ	268	>NCOA1-P35 CYPQSPDMQ	4	264
>NCOA1-P35 CYPQSPDMQ	4	>NCOA1-P35 CYPQSPDMQ	4	0
>NCOA2-G43 GRFGGSGGM	34	>NCOA2-G43 DRFGGSGGM	369	335
>NCOA2-G43 GRFGGSGGM	158	>NCOA2-G43 DRFGGSGGM	2201	2043
>NCOA2-G43 GRFGGSGGM	480	>NCOA2-G43 DRFGGSGGM	8772	8292
>NCOA2-G43 MGRFGGSGC	139	>NCOA2-G43 MDRFGGSGC	7373	7234
>NCOA2-G43 MGRFGGSGC	53	>NCOA2-G43 MDRFGGSGC	398	345
>NCOA2-G43 MPMGRFGG	48	>NCOA2-G43 MPMDRFGG	72	24
>NCOA2-G43 MPMGRFGG	21	>NCOA2-G43 MPMDRFGG	25	4
>NCOA2-G43 MPMGRFGG	135	>NCOA2-G43 MPMDRFGG	81	54
>NCOA2-G43 MPMGRFGG	78	>NCOA2-G43 MPMDRFGG	96	18
>NCOA2-G43 MGMPMDRF	19	>NCOA2-G43 MGMPMDRF	38	19
>NCOA2-G43 MGMPMDRF	527	>NCOA2-G43 MGMPMDRF	181	346
>NCOA2-G43 QMGMPMDI	334	>NCOA2-G43 QMGMPMDI	316	18
>NCOA2-G43 QMGMPMDI	199	>NCOA2-G43 QMGMPMDI	515	316
>NCOA2-G43 QMGMPMDI	307	>NCOA2-G43 QMGMPMDI	807	500
>NCOA2-G43 QMGMPMDI	112	>NCOA2-G43 QMGMPMDI	165	53
>NCOA2-G43 EQMGMPME	81	>NCOA2-G43 EQMGMPME	91	10
>NCOA2-G43 EQMGMPME	67	>NCOA2-G43 EQMGMPME	147	80
>NCOA2-G43 EQMGMPME	257	>NCOA2-G43 EQMGMPME	486	229
>NCOA2-G43 EQMGMPME	314	>NCOA2-G43 EQMGMPME	207	107
>NCOA2-G43 EQMGMPME	122	>NCOA2-G43 EQMGMPME	359	237
>NCOA2-G43 KEQMGMPM	322	>NCOA2-G43 KEQMGMPM	236	86
>NCOA2-G43 KEQMGMPM	74	>NCOA2-G43 KEQMGMPM	60	14
>NCOA2-G43 KEQMGMPM	289	>NCOA2-G43 KEQMGMPM	659	370
>NCOA2-L12 LMNQISNV	46	>NCOA2-L12 RMNQISNV	60	14

>NCOA2-L12 LMNQISNVSI	64	>NCOA2-L12 RMNQISNVSI	84	20
>NCOA2-L12 LMNQISNV	4	>NCOA2-L12 RMNQISNV	6	2
>NCOA2-L12 LMNQISNVSI	479	>NCOA2-L12 RMNQISNVSI	1594	1115
>NCOA2-L12 LMNQISNVSI	4	>NCOA2-L12 RMNQISNVSI	6	2
>NCOA2-L12 LMNQISNV	3	>NCOA2-L12 RMNQISNV	3	0
>NCOA2-L12 LMNQISNVSI	3	>NCOA2-L12 RMNQISNVSI	3	0
>NCOA2-L12 LMNQISNV	75	>NCOA2-L12 RMNQISNV	84	9
>NCOA2-L12 LMNQISNVSI	157	>NCOA2-L12 RMNQISNVSI	185	28
>NCOA2-L12 LMNQISNV	2	>NCOA2-L12 RMNQISNV	3	1
>NCOA2-L12 LMNQISNVSI	3	>NCOA2-L12 RMNQISNVSI	3	0
>NCOA2-L12 LMNQISNV	7	>NCOA2-L12 RMNQISNV	7	0
>NCOA2-L12 LMNQISNVSI	5	>NCOA2-L12 RMNQISNVSI	6	1
>NCOA2-L12 LMNQISNV	9	>NCOA2-L12 RMNQISNV	9	0
>NCOA2-L12 LMNQISNVSI	9	>NCOA2-L12 RMNQISNVSI	10	1
>NCOA2-L12 LMNQISNV	4	>NCOA2-L12 RMNQISNV	8	4
>NCOA2-L12 LMNQISNVSI	3	>NCOA2-L12 RMNQISNVSI	6	3
>NCOA2-L12 LMNQISNV	2	>NCOA2-L12 RMNQISNV	3	1
>NCOA2-L12 LMNQISNVSI	2	>NCOA2-L12 RMNQISNVSI	3	1
>NCOA2-L12 LMNQISNV	7184	>NCOA2-L12 RMNQISNV	381	6803
>NCOA2-L12 LMNQISNVSI	7182	>NCOA2-L12 RMNQISNVSI	432	6750
>NCOA2-L12 LMNQISNVSI	5642	>NCOA2-L12 RMNQISNVSI	233	5409
>NCOA2-L12 LMNQISNVSI	382	>NCOA2-L12 RMNQISNVSI	367	15
>NCOA2-L12 LMNQISNV	362	>NCOA2-L12 RMNQISNV	185	177
>NCOA2-L12 LMNQISNVSI	170	>NCOA2-L12 RMNQISNVSI	96	74
>NCOA2-L12 PLMNQISNV	265	>NCOA2-L12 PRMNQISNV	22732	22467
>NCOA2-L12 PLMNQISNV	31	>NCOA2-L12 PRMNQISNV	20704	20673
>NCOA2-L12 PLMNQISNV	9	>NCOA2-L12 PRMNQISNV	11876	11867
>NCOA2-L12 PLMNQISNV	7	>NCOA2-L12 PRMNQISNV	16324	16317
>NCOA2-L12 PLMNQISNV	23	>NCOA2-L12 PRMNQISNV	19431	19408
>NCOA2-L12 PLMNQISNV	15	>NCOA2-L12 PRMNQISNV	20184	20169
>NCOA2-L12 PLMNQISNV	4	>NCOA2-L12 PRMNQISNV	16316	16312
>NCOA2-L12 PLMNQISNV	3	>NCOA2-L12 PRMNQISNV	14528	14525
>NCOA2-L12 RLQAQQNRC	104	>NCOA2-L12 RLQAQQNRC	20011	19907
>NCOA2-L12 RLQAQQNRC	431	>NCOA2-L12 RLQAQQNRC	22221	21790
>NCOA2-L12 RLQAQQNRC	155	>NCOA2-L12 RLQAQQNRC	21060	20905
>NCOA2-L12 RLQAQQNRC	95	>NCOA2-L12 RLQAQQNRC	22101	22006
>NCOA2-L12 RLQAQQNRC	13	>NCOA2-L12 RLQAQQNRC	14494	14481
>NCOA2-L12 RLQAQQNRC	4531	>NCOA2-L12 RLQAQQNRC	14	4517
>NCOA2-L12 RLQAQQNRC	195	>NCOA2-L12 RLQAQQNRC	8209	8014
>NCOA2-L12 RLQAQQNRC	451	>NCOA2-L12 RLQAQQNRC	20362	19911
>NCOA2-L12 RLQAQQNRC	321	>NCOA2-L12 RLQAQQNRC	10275	9954
>NCOA2-L12 RLQAQQNRC	26051	>NCOA2-L12 RLQAQQNRC	48	26003
>NCOA2-L12 QPLMNQISN	471	>NCOA2-L12 QPRMNQISN	8633	8162

>NCOA2-L12 QPLMNQISN'	2418	>NCOA2-L12 QPRMNQISN	388	2030
>NCOA2-L12 QPLMNQISN'	159	>NCOA2-L12 QPRMNQISN	296	137
>NCOA2-L12 RQPLMNQISI	209	>NCOA2-L12 RQPRMNQIS	191	18
>NCOA2-L12 RQPLMNQI	354	>NCOA2-L12 RQPRMNQI	414	60
>NCOA2-L12 RQPLMNQISI	116	>NCOA2-L12 RQPRMNQIS	134	18
>NCOA2-L12 RQPLMNQI	481	>NCOA2-L12 RQPRMNQI	433	48
>NCOA2-L12 RQPLMNQISI	515	>NCOA2-L12 RQPRMNQIS	161	354
>NCOA2-L12 RQPLMNQISI	573	>NCOA2-L12 RQPRMNQIS	449	124
>NCOA2-L12 NRQPLMNQI	260	>NCOA2-L12 NRQPRMNQI	275	15
>NCOA2-L12 NRQPLMNQI	94	>NCOA2-L12 NRQPRMNQI	107	13
>NCOA2-L12 QQNRQPLMI	341	>NCOA2-L12 QQNRQPRMI	271	70
>NCOA2-L12 QQNRQPLM	228	>NCOA2-L12 QQNRQPRM	338	110
>NCOA2-L12 QQNRQPLMI	432	>NCOA2-L12 QQNRQPRMI	544	112
>NCOA2-L12 AQQNRQPL	348	>NCOA2-L12 AQQNRQPR	22388	22040
>NCOA2-L12 AQQNRQPL	10168	>NCOA2-L12 AQQNRQPR	27	10141
>NCOA2-L12 AQQNRQPL	196	>NCOA2-L12 AQQNRQPR	7706	7510
>NCOA2-L12 AQQNRQPLM	380	>NCOA2-L12 AQQNRQPRM	317	63
>NCOA2-L12 AQQNRQPL	46	>NCOA2-L12 AQQNRQPR	579	533
>NCOA2-L12 AQQNRQPLM	379	>NCOA2-L12 AQQNRQPRM	549	170
>NCOA2-L12 AQQNRQPLM	196	>NCOA2-L12 AQQNRQPRM	871	675
>NCOA2-L12 QAQQNRQPL	394	>NCOA2-L12 QAQQNRQPF	22681	22287
>NCOA2-L12 QAQQNRQPL	19724	>NCOA2-L12 QAQQNRQPF	316	19408
>NCOA2-L12 QAQQNRQPL	219	>NCOA2-L12 QAQQNRQPF	22204	21985
>NCOA2-L12 QAQQNRQPL	33789	>NCOA2-L12 QAQQNRQPF	371	33418
>NCOA2-L12 LQAQQNRQF	87	>NCOA2-L12 LQAQQNRQF	3980	3893
>NCOA2-L12 LQAQQNRQF	147	>NCOA2-L12 LQAQQNRQF	131	16
>NCOA2-L12 LQAQQNRQF	37	>NCOA2-L12 LQAQQNRQF	384	347
>NCOA2-L12 LQAQQNRQF	226	>NCOA2-L12 LQAQQNRQF	321	95
>NCOA2-L12 LQAQQNRQF	213	>NCOA2-L12 LQAQQNRQF	20231	20018
>NCOA2-L12 LQAQQNRQF	34198	>NCOA2-L12 LQAQQNRQF	188	34010
>NCOA2-P47 PSQSPPGM	2214	>NCOA2-P47 SSQSPPGM	22	2192
>NCOA2-P47 SPSQSSPGM	73	>NCOA2-P47 SSSQSSPGM	29156	29083
>NCOA2-P47 SPSQSSPGM	57	>NCOA2-P47 SSSQSSPGM	16498	16441
>NCOA2-P47 SPSQSSPGM	10640	>NCOA2-P47 SSSQSSPGM	233	10407
>NCOA2-P47 SPSQSSPGM	5760	>NCOA2-P47 SSSQSSPGM	5	5755
>NCOA2-P47 SPSQSSPGM	30	>NCOA2-P47 SSSQSSPGM	1371	1341
>NCOA2-P47 SPSQSSPGM	3413	>NCOA2-P47 SSSQSSPGM	184	3229
>NCOA2-P47 NSPSQSPPGM	2233	>NCOA2-P47 NSSSQSSPGM	116	2117
>NCOA2-P47 NSPSQSPPGM	128	>NCOA2-P47 NSSSQSSPGM	10834	10706
>NCOA2-P47 NSPSQSPPGM	185	>NCOA2-P47 NSSSQSSPGM	71	114
>NCOA2-P47 MNSPSQSPPG	487	>NCOA2-P47 MNSSSQSSPG	326	161
>NCOA2-P47 MNSPSQSPPG	497	>NCOA2-P47 MNSSSQSSPG	617	120
>NCOA2-P47 KMNSPSQS	745	>NCOA2-P47 KMNSSSQS	386	359

>NCOA2-P47 KMNSPSQSS	1348	>NCOA2-P47 KMNSSSQSS	338	1010
>NCOA2-P47 KMNSPSQSS	452	>NCOA2-P47 KMNSSSQSS	1210	758
>NCOA2-P47 KMNSPSQSSI	217	>NCOA2-P47 KMNSSSQSSI	150	67
>NCOA2-P47 KMNSPSQSS	153	>NCOA2-P47 KMNSSSQSS	77	76
>NCOA2-P47 KMNSPSQSSI	159	>NCOA2-P47 KMNSSSQSSI	94	65
>NCOA2-P47 KMNSPSQSSI	529	>NCOA2-P47 KMNSSSQSSI	365	164
>NCOA2-P47 LKMNSPSQ	113	>NCOA2-P47 LKMNSSSQ	55	58
>NCOA2-P47 LKMNSPSQS	99	>NCOA2-P47 LKMNSSSQS	71	28
>NCOA2-P47 LKMNSPSQS	38	>NCOA2-P47 LKMNSSSQS	26	12
>NCOA2-P47 LKMNSPSQS	36	>NCOA2-P47 LKMNSSSQS	29	7
>NCOA2-P47 ALKMNSPSQ	105	>NCOA2-P47 ALKMNSSSQ	257	152
>NCOA2-P47 ALKMNSPSQ	129	>NCOA2-P47 ALKMNSSSQ	608	479
>NCOA2-P47 ALKMNSPSQ	428	>NCOA2-P47 ALKMNSSSQ	468	40
>NCOA2-P47 ALKMNSPSQ	871	>NCOA2-P47 ALKMNSSSQ	473	398
>NCOA2-P47 YALKMNSPS	2200	>NCOA2-P47 YALKMNSSS	447	1753
>NCOA2-P47 YALKMNSPSC	889	>NCOA2-P47 YALKMNSSSC	428	461
>NCOA2-Q1C QTAPWPESIL	314	>NCOA2-Q1C ETAPWPESIL	1078	764
>NCOA2-Q1C QTAPWPESI	314	>NCOA2-Q1C ETAPWPESI	518	204
>NCOA2-Q1C QTAPWPESI	4668	>NCOA2-Q1C ETAPWPESI	306	4362
>NCOA2-Q1C QTAPWPESIL	604	>NCOA2-Q1C ETAPWPESIL	31	573
>NCOA2-Q1C QTAPWPESI	37	>NCOA2-Q1C ETAPWPESI	189	152
>NCOA2-Q1C QTAPWPES	414	>NCOA2-Q1C ETAPWPES	57	357
>NCOA2-Q1C QTAPWPESI	8	>NCOA2-Q1C ETAPWPESI	5	3
>NCOA2-Q1C QTAPWPESIL	819	>NCOA2-Q1C ETAPWPESIL	110	709
>NCOA2-Q1C QTAPWPES	3217	>NCOA2-Q1C ETAPWPES	447	2770
>NCOA2-Q1C QTAPWPESI	17	>NCOA2-Q1C ETAPWPESI	5	12
>NCOA2-Q1C QTAPWPESIL	335	>NCOA2-Q1C ETAPWPESIL	42	293
>NCOA2-Q1C QTAPWPESI	159	>NCOA2-Q1C ETAPWPESI	763	604
>NCOA2-Q1C QTAPWPESIL	35	>NCOA2-Q1C ETAPWPESIL	159	124
>NCOA2-Q1C QTAPWPESI	231	>NCOA2-Q1C ETAPWPESI	2268	2037
>NCOA2-Q1C QTAPWPESIL	253	>NCOA2-Q1C ETAPWPESIL	1181	928
>NCOA2-Q1C QTAPWPESI	487	>NCOA2-Q1C ETAPWPESI	2273	1786
>NCOA2-Q1C QTAPWPESIL	156	>NCOA2-Q1C ETAPWPESIL	1339	1183
>NCOA2-Q1C QTAPWPESI	9	>NCOA2-Q1C ETAPWPESI	15	6
>NCOA2-Q1C QTAPWPESIL	294	>NCOA2-Q1C ETAPWPESIL	1518	1224
>NCOA2-Q1C NQTAPWPES	3789	>NCOA2-Q1C NETAPWPESI	100	3689
>NCOA2-Q1C NQTAPWPES	136	>NCOA2-Q1C NETAPWPESI	1682	1546
>NCOA2-Q1C NQTAPWPES	5180	>NCOA2-Q1C NETAPWPESI	99	5081
>NCOA2-Q1C NQTAPWPES	25433	>NCOA2-Q1C NETAPWPESI	419	25014
>NCOA2-Q1C NQTAPWPES	13991	>NCOA2-Q1C NETAPWPES	158	13833
>NCOA2-Q1C NQTAPWPES	218	>NCOA2-Q1C NETAPWPESI	3651	3433
>NCOA2-Q1C NQTAPWPES	17230	>NCOA2-Q1C NETAPWPESI	187	17043
>NCOA2-Q1C NQTAPWPES	15025	>NCOA2-Q1C NETAPWPESI	361	14664

>NCOA2-Q1C PPNQTAPW	39	>NCOA2-Q1C PPNETAPW	30	9
>NCOA2-Q1C PPNQTAPW	16	>NCOA2-Q1C PPNETAPW	14	2
>NCOA2-Q1C APPNQTAPW	312	>NCOA2-Q1C APPNETAPW	1147	835
>NCOA2-Q1C APPNQTAPW	205	>NCOA2-Q1C APPNETAPW	150	55
>NCOA2-Q1C APPNQTAPW	21	>NCOA2-Q1C APPNETAPW	28	7
>NCOA2-Q1C APPNQTAPW	306	>NCOA2-Q1C APPNETAPW	98	208
>NCOA2-Q1C QAPPNQTAP	152	>NCOA2-Q1C QAPPNETAP\	215	63
>NCOA2-Q1C QAPPNQTAP	359	>NCOA2-Q1C QAPPNETAP\	383	24
>NCOA2-Q1C QQAPPNQTA	189	>NCOA2-Q1C QQAPPNETA	104	85
>NCOA2-Q1C QQAPPNQTA	200	>NCOA2-Q1C QQAPPNETA	233	33
>NCOA2-Q1C QQAPPNQTA	430	>NCOA2-Q1C QQAPPNETA	811	381
>NCOA2-Q1C QQAPPNQTA	306	>NCOA2-Q1C QQAPPNETA	892	586
>NCOA2-Q1C QQAPPNQTA	116	>NCOA2-Q1C QQAPPNETA	158	42
>NCOA2-Q1C QQAPPNQTA	243	>NCOA2-Q1C QQAPPNETA	509	266
>NCOA2-Q1C QQAPPNQTA	226	>NCOA2-Q1C QQAPPNETA	104	122
>NF1-A1858\LLNIALLN	420	>NF1-A1858\LLNITLLNL	320	100
>NF1-A1858\LLNIALLN	132	>NF1-A1858\LLNITLLNL	192	60
>NF1-A1858\LLNIALLN	23	>NF1-A1858\LLNITLLNL	73	50
>NF1-A1858\LLNIALLN	30	>NF1-A1858\LLNITLLNL	37	7
>NF1-A1858\LLNIALLN	37	>NF1-A1858\LLNITLLNL	19	18
>NF1-A1858\LLNIALLN	218	>NF1-A1858\LLNITLLNL	95	123
>NF1-A1858\LLNIALLN	33	>NF1-A1858\LLNITLLNL	34	1
>NF1-A1858\LLNIALLN	92	>NF1-A1858\LLNITLLNL	122	30
>NF1-A1858\LLNIALLN	4	>NF1-A1858\LLNITLLNL	4	0
>NF1-A1858\TLLNIAL	28	>NF1-A1858\TLLNITLL	21	7
>NF1-A1858\TLLNIALLN	20	>NF1-A1858\TLLNITLLNL	20	0
>NF1-A1858\TLLNIAL	40	>NF1-A1858\TLLNITLL	22	18
>NF1-A1858\TLLNIALLN	24	>NF1-A1858\TLLNITLLNL	20	4
>NF1-A1858\TLLNIAL	109	>NF1-A1858\TLLNITLL	71	38
>NF1-A1858\TLLNIALLN	32	>NF1-A1858\TLLNITLLNL	24	8
>NF1-A1858\TLLNIAL	83	>NF1-A1858\TLLNITLL	64	19
>NF1-A1858\TLLNIALLN	51	>NF1-A1858\TLLNITLLNL	44	7
>NF1-A1858\TLLNIAL	8	>NF1-A1858\TLLNITLL	10	2
>NF1-A1858\TLLNIALLN	21	>NF1-A1858\TLLNITLLNL	14	7
>NF1-A1858\TLLNIAL	13	>NF1-A1858\TLLNITLL	18	5
>NF1-A1858\TLLNIALLN	37	>NF1-A1858\TLLNITLLNL	20	17
>NF1-A1858\TLLNIAL	16	>NF1-A1858\TLLNITLL	15	1
>NF1-A1858\TLLNIALLN	15	>NF1-A1858\TLLNITLLNL	13	2
>NF1-A1858\TLLNIAL	11	>NF1-A1858\TLLNITLL	14	3
>NF1-A1858\TLLNIALLN	22	>NF1-A1858\TLLNITLLNL	12	10
>NF1-A1858\TLLNIAL	5	>NF1-A1858\TLLNITLL	5	0
>NF1-A1858\TLLNIALLN	9	>NF1-A1858\TLLNITLLNL	7	2
>NF1-A1858\TLLNIAL	957	>NF1-A1858\TLLNITLL	438	519

>NF1-A1858TLLNIALLN	540	>NF1-A1858TLLNITLLNL	244	296
>NF1-A1858TLLNIAL	373	>NF1-A1858TLLNITLL	590	217
>NF1-A1858TLLNIALLN	243	>NF1-A1858TLLNITLLNL	208	35
>NF1-A1858TLLNIALLN	361	>NF1-A1858TLLNITLLNL	454	93
>NF1-A1858GTLLNIAL	827	>NF1-A1858GTLLNITLL	187	640
>NF1-A1858GTLLNIAL	467	>NF1-A1858GTLLNITLL	2560	2093
>NF1-A1858GTLLNIAL	496	>NF1-A1858GTLLNITL	227	269
>NF1-A1858GTLLNIAL	49	>NF1-A1858GTLLNITL	23	26
>NF1-A1858GTLLNIAL	24	>NF1-A1858GTLLNITLL	59	35
>NF1-A1858GTLLNIALLN	14	>NF1-A1858GTLLNITLLNL	19	5
>NF1-A1858GTLLNIAL	232	>NF1-A1858GTLLNITLL	915	683
>NF1-A1858GTLLNIAL	209	>NF1-A1858GTLLNITLL	78	131
>NF1-A1858GTLLNIALLN	920	>NF1-A1858GTLLNITLLNL	493	427
>NF1-A1858VPGTLLNIAL	492	>NF1-A1858VPGTLLNITL	324	168
>NF1-A1858VPGTLLNIA	66	>NF1-A1858VPGTLLNIT	1456	1390
>NF1-A1858DVPGTLLNIA	237	>NF1-A1858DVPGTLLNITI	488	251
>NF1-A1858DVPGTLLNIA	211	>NF1-A1858DVPGTLLNITI	258	47
>NF1-A1858DVPGTLLNIA	377	>NF1-A1858DVPGTLLNITI	633	256
>NF1-A2336TALLEQNLHT	273	>NF1-A2336TALLEQNLHT	725	452
>NF1-A2336TALLEQNLHTL	40	>NF1-A2336TALLEQNLHTL	39	1
>NF1-A2336TALLEQNLHTL	31	>NF1-A2336TALLEQNLHTL	39	8
>NF1-A2336TALLEQNLHTL	37	>NF1-A2336TALLEQNLHTL	35	2
>NF1-A2336TALLEQNLHT	228	>NF1-A2336TALLEQNLHT	584	356
>NF1-A2336TALLEQNLHTL	225	>NF1-A2336TALLEQNLHTL	185	40
>NF1-A2336TALLEQNLHT	78	>NF1-A2336TALLEQNLHT	341	263
>NF1-A2336TALLEQNLHTL	2	>NF1-A2336TALLEQNLHTL	4	2
>NF1-A2336TALLEQNLHT	306	>NF1-A2336TALLEQNLHT	977	671
>NF1-A2336TALLEQNLHTL	3	>NF1-A2336TALLEQNLHTL	4	1
>NF1-A2336TALLEQNLHT	64	>NF1-A2336TALLEQNLHT	218	154
>NF1-A2336TALLEQNLHTL	5	>NF1-A2336TALLEQNLHTL	8	3
>NF1-A2336TALLEQNLHTL	5	>NF1-A2336TALLEQNLHTL	7	2
>NF1-A2336TALLEQNLHT	35	>NF1-A2336TALLEQNLHT	237	202
>NF1-A2336TALLEQNLHTL	2	>NF1-A2336TALLEQNLHTL	3	1
>NF1-A2336TALLEQNLHTL	134	>NF1-A2336TALLEQNLHTL	506	372
>NF1-A2336TALLEQNLHTL	761	>NF1-A2336TALLEQNLHTL	50	711
>NF1-A2336TALLEQNLHTL	1356	>NF1-A2336TALLEQNLHTL	372	984
>NF1-A2336TALLEQNLHT	472	>NF1-A2336TTALLEQNLHT	2593	2121
>NF1-A2336TALLEQNLHT	6484	>NF1-A2336TTALLEQNLHT	361	6123
>NF1-A2336TALLEQNLHT	538	>NF1-A2336TTALLEQNLHT	110	428
>NF1-A2336TALLEQNL	2241	>NF1-A2336TTALLEQNL	137	2104
>NF1-A2336TALLEQNLHT	643	>NF1-A2336TTALLEQNLHT	66	577
>NF1-A2336DEVNLYSAGT	79	>NF1-A2336DEVNLYSAGT	169	90
>NF1-A2336GTALLEQNL	244	>NF1-A2336GTALLEQNL	439	195

>NF1-A23361YSAGTALL	49	>NF1-A23361YSAGTTLL	36	13
>NF1-A23361YSAGTALL	252	>NF1-A23361YSAGTTLL	251	1
>NF1-A23361YSAGTALL	109	>NF1-A23361YSAGTTLL	108	1
>NF1-A23361YSAGTALL	7	>NF1-A23361YSAGTTLL	11	4
>NF1-A23361YSAGTALL	71	>NF1-A23361YSAGTTLL	171	100
>NF1-A23361YSAGTALL	131	>NF1-A23361YSAGTTLL	149	18
>NF1-A23361YSAGTALL	22	>NF1-A23361YSAGTTLL	65	43
>NF1-A23361YSAGTALL	25	>NF1-A23361YSAGTTLL	16	9
>NF1-A23361YSAGTALL	256	>NF1-A23361YSAGTTLL	234	22
>NF1-A23361LYSAGTAL	13	>NF1-A23361LYSAGTTL	4	9
>NF1-A23361LYSAGTALL	154	>NF1-A23361LYSAGTTL	9	145
>NF1-A23361LYSAGTAL	397	>NF1-A23361LYSAGTTL	698	301
>NF1-A23361LYSAGTALL	60	>NF1-A23361LYSAGTTL	95	35
>NF1-A23361LYSAGTALL	369	>NF1-A23361LYSAGTTL	582	213
>NF1-A23361LYSAGTAL	15	>NF1-A23361LYSAGTTL	10	5
>NF1-A23361LYSAGTALL	8	>NF1-A23361LYSAGTTL	10	2
>NF1-A23361NLYSAGTAL	315	>NF1-A23361NLYSAGTTL	307	8
>NF1-A23361NLYSAGTALL	177	>NF1-A23361NLYSAGTTL	197	20
>NF1-A23361NLYSAGTA	432	>NF1-A23361NLYSAGTT	2387	1955
>NF1-A23361NLYSAGTAL	12	>NF1-A23361NLYSAGTTL	30	18
>NF1-A23361NLYSAGTALL	9	>NF1-A23361NLYSAGTTL	9	0
>NF1-A23361NLYSAGTA	14	>NF1-A23361NLYSAGTT	107	93
>NF1-A23361NLYSAGTAL	11	>NF1-A23361NLYSAGTTL	12	1
>NF1-A23361NLYSAGTALL	14	>NF1-A23361NLYSAGTTL	15	1
>NF1-A23361NLYSAGTAL	247	>NF1-A23361NLYSAGTTL	597	350
>NF1-A23361NLYSAGTA	63	>NF1-A23361NLYSAGTT	506	443
>NF1-A23361NLYSAGTAL	18	>NF1-A23361NLYSAGTTL	15	3
>NF1-A23361NLYSAGTALL	16	>NF1-A23361NLYSAGTTL	25	9
>NF1-A23361NLYSAGTA	311	>NF1-A23361NLYSAGTT	3717	3406
>NF1-A23361NLYSAGTAL	68	>NF1-A23361NLYSAGTTL	37	31
>NF1-A23361NLYSAGTALL	41	>NF1-A23361NLYSAGTTL	100	59
>NF1-A23361NLYSAGTA	242	>NF1-A23361NLYSAGTT	2793	2551
>NF1-A23361NLYSAGTAL	74	>NF1-A23361NLYSAGTTL	23	51
>NF1-A23361NLYSAGTALL	36	>NF1-A23361NLYSAGTTL	31	5
>NF1-A23361NLYSAGTAL	653	>NF1-A23361NLYSAGTTL	417	236
>NF1-A23361NLYSAGTALL	106	>NF1-A23361NLYSAGTTL	264	158
>NF1-A23361NLYSAGTA	95	>NF1-A23361NLYSAGTT	1030	935
>NF1-A23361NLYSAGTAL	22	>NF1-A23361NLYSAGTTL	13	9
>NF1-A23361NLYSAGTALL	12	>NF1-A23361NLYSAGTTL	12	0
>NF1-A23361NLYSAGTALL	181	>NF1-A23361NLYSAGTTL	379	198
>NF1-A23361NLYSAGTAL	191	>NF1-A23361NLYSAGTTL	361	170
>NF1-A23361NLYSAGTAL	78	>NF1-A23361NLYSAGTTL	129	51
>NF1-A23361NLYSAGTALL	216	>NF1-A23361NLYSAGTTL	267	51

>NF1-A2336V NLYSAGTAL	63	>NF1-A2336V NLYSAGTTL	125	62
>NF1-A2336V NLYSAGTAL	160	>NF1-A2336V NLYSAGTTL	611	451
>NF1-A2336V NLYSAGTALL	258	>NF1-A2336V NLYSAGTTL	656	398
>NF1-A2336V NLYSAGTAL	361	>NF1-A2336V NLYSAGTTL	486	125
>NF1-A2336V NLYSAGTAL	414	>NF1-A2336V NLYSAGTTL	624	210
>NF1-A2336V EVNLYSAGTA	207	>NF1-A2336V EVNLYSAGTT	658	451
>NF1-A2336V EVNLYSAGTA	55	>NF1-A2336V EVNLYSAGTT	81	26
>NF1-A2336V EVNLYSAGTA	291	>NF1-A2336V EVNLYSAGTT	1969	1678
>NF1-A2336V EVNLYSAGTA	73	>NF1-A2336V EVNLYSAGTT	99	26
>NF1-A74D-v AAEKNLYLSQ	369	>NF1-A74D-r DAEKNLYLSQ	8868	8499
>NF1-A74D-v EAAEKNL	68	>NF1-A74D-r EDAEKNL	3849	3781
>NF1-A74D-v EAAEKNL	130	>NF1-A74D-r EDAEKNL	6424	6294
>NF1-A74D-v EAAEKNL	33	>NF1-A74D-r EDAEKNL	2569	2536
>NF1-A74D-v EAAEKNL	20	>NF1-A74D-r EDAEKNL	4358	4338
>NF1-A74D-v EAAEKNL	173	>NF1-A74D-r EDAEKNL	5848	5675
>NF1-A74D-v NVNNMRIFG	39	>NF1-A74D-r NVNNMRIFG	8019	7980
>NF1-A74D-v GEAAEKNL	129	>NF1-A74D-r GEAAEKNL	86	43
>NF1-A74D-v GEAAEKNL	376	>NF1-A74D-r GEAAEKNL	828	452
>NF1-A74D-v GEAAEKNL	142	>NF1-A74D-r GEAAEKNL	202	60
>NF1-A74D-v GEAAEKNL	384	>NF1-A74D-r GEAAEKNL	1188	804
>NF1-A74D-v FGEEAENLY	1030	>NF1-A74D-r FGEEAENLY	421	609
>NF1-A74D-v IFGEAAEKNL'	32	>NF1-A74D-r IFGEAAEKNL'	31	1
>NF1-A74D-v IFGEAAEKNL'	389	>NF1-A74D-r IFGEAAEKNL'	375	14
>NF1-A74D-v RIFGEAAEKN	204	>NF1-A74D-r RIFGEAAEKN	234	30
>NF1-A74D-v RIFGEAAEKN	353	>NF1-A74D-r RIFGEAAEKN	490	137
>NF1-A74D-v RIFGEAAEKN	243	>NF1-A74D-r RIFGEAAEKN	232	11
>NF1-A74D-v RIFGEAAEK	49	>NF1-A74D-r RIFGEAAEK	170	121
>NF1-A74D-v RIFGEAAEK	24	>NF1-A74D-r RIFGEAAEK	57	33
>NF1-A74D-v RIFGEAAEK	29	>NF1-A74D-r RIFGEAAEK	84	55
>NF1-A74D-v RIFGEAAEKN	56	>NF1-A74D-r RIFGEAAEKN	95	39
>NF1-A74D-v RIFGEAAEK	198	>NF1-A74D-r RIFGEAAEK	358	160
>NF1-A74D-v RIFGEAAEKN	92	>NF1-A74D-r RIFGEAAEKN	150	58
>NF1-A74D-v RIFGEAAEK	332	>NF1-A74D-r RIFGEAAEK	365	33
>NF1-A74D-v MRIFGEAAEK	219	>NF1-A74D-r MRIFGEAAEK	249	30
>NF1-A74D-v MRIFGEAAEK	374	>NF1-A74D-r MRIFGEAAEK	316	58
>NF1-A74D-v NMRIFGEA	207	>NF1-A74D-r NMRIFGED	20074	19867
>NF1-A74D-v NMRIFGEAAI	268	>NF1-A74D-r NMRIFGEDAI	561	293
>NF1-A74D-v NMRIFGEA	132	>NF1-A74D-r NMRIFGED	14311	14179
>NF1-C1882F CTFNLKIEGQI	327	>NF1-C1882F CTFNLKIEGQI	399	72
>NF1-C1882F CTFNLKIEGQI	1928	>NF1-C1882F CTFNLKIEGQI	80	1848
>NF1-C1882F CTFNLKIEGQI	4067	>NF1-C1882F CTFNLKIEGQI	70	3997
>NF1-C1882F CTFNLKIEGQI	150	>NF1-C1882F CTFNLKIEGQI	27	123
>NF1-C1882F CTFNLKIEGQI	5552	>NF1-C1882F CTFNLKIEGQI	235	5317



>NF1-C1882FTFNLKIEGQI	319	>NF1-C1882FTFNLKIEGQI	36	283
>NF1-C1882FTFNLKIEGQI	85	>NF1-C1882FTFNLKIEGQI	15	70
>NF1-C1882FTFNLKIEGQI	67	>NF1-C1882FTFNLKIEGQI	165	98
>NF1-C1882FAAYNLLCALT	2062	>NF1-C1882FAAYNLLCALT	118	1944
>NF1-C1882FAAYNLLCALT	3476	>NF1-C1882FAAYNLLCALT	51	3425
>NF1-C1882FAAYNLLCALT	14581	>NF1-C1882FAAYNLLCALT	74	14507
>NF1-C1882FAAYNLLCALT	4998	>NF1-C1882FAAYNLLCALT	11	4987
>NF1-C1882FAAYNLLCALT	3597	>NF1-C1882FAAYNLLCALT	4	3593
>NF1-C1882FAAYNLLCALT	12064	>NF1-C1882FAAYNLLCALT	92	11972
>NF1-C1882FAAYNLLCALT	9982	>NF1-C1882FAAYNLLCALT	368	9614
>NF1-C1882FAAYNLLCALT	14256	>NF1-C1882FAAYNLLCALT	112	14144
>NF1-C1882FAAYNLLCALT	11211	>NF1-C1882FAAYNLLCALT	86	11125
>NF1-C1882FLTCTFNLK	229	>NF1-C1882FLTFTFNLK	46	183
>NF1-C1882FLTCTFNLK	15	>NF1-C1882FLTFTFNLK	9	6
>NF1-C1882FLTCTFNLK	59	>NF1-C1882FLTFTFNLK	13	46
>NF1-C1882FLTCTFNLKI	1846	>NF1-C1882FLTFTFNLKI	275	1571
>NF1-C1882FLTCTFNLK	479	>NF1-C1882FLTFTFNLK	110	369
>NF1-C1882FLTCTFNLKI	467	>NF1-C1882FLTFTFNLKI	27	440
>NF1-C1882FLTCTFNLK	21	>NF1-C1882FLTFTFNLK	4	17
>NF1-C1882FLTCTFNLKI	1950	>NF1-C1882FLTFTFNLKI	83	1867
>NF1-C1882FLTCTFNLKI	4701	>NF1-C1882FLTFTFNLKI	226	4475
>NF1-C1882FLTCTFNLKI	3157	>NF1-C1882FLTFTFNLKI	244	2913
>NF1-C1882FLTCTFNLKI	120	>NF1-C1882FLTFTFNLKI	20	100
>NF1-C1882FLTCTFNLKI	3309	>NF1-C1882FLTFTFNLKI	214	3095
>NF1-C1882FLTCTFNLKI	515	>NF1-C1882FLTFTFNLKI	250	265
>NF1-C1882FLTCTFNLKI	313	>NF1-C1882FLTFTFNLKI	31	282
>NF1-C1882FLTCTFNLK	579	>NF1-C1882FLTFTFNLK	135	444
>NF1-C1882FLTCTFNLKI	20	>NF1-C1882FLTFTFNLKI	9	11
>NF1-C1882FALTCTFNL	54	>NF1-C1882FALTFTFNL	87	33
>NF1-C1882FALTCTFNL	10	>NF1-C1882FALTFTFNL	11	1
>NF1-C1882FALTCTFNLKI	130	>NF1-C1882FALTFTFNLKI	178	48
>NF1-C1882FALTCTFNL	58	>NF1-C1882FALTFTFNL	69	11
>NF1-C1882FALTCTFNLKI	276	>NF1-C1882FALTFTFNLKI	365	89
>NF1-C1882FALTCTFNL	84	>NF1-C1882FALTFTFNL	161	77
>NF1-C1882FALTCTFNL	33	>NF1-C1882FALTFTFNL	45	12
>NF1-C1882FALTCTFNLKI	84	>NF1-C1882FALTFTFNLKI	175	91
>NF1-C1882FALTCTFNL	10	>NF1-C1882FALTFTFNL	39	29
>NF1-C1882FALTCTFNLKI	89	>NF1-C1882FALTFTFNLKI	578	489
>NF1-C1882FALTCTFNL	28	>NF1-C1882FALTFTFNL	24	4
>NF1-C1882FALTCTFNLKI	177	>NF1-C1882FALTFTFNLKI	177	0
>NF1-C1882FALTCTFNL	119	>NF1-C1882FALTFTFNL	76	43
>NF1-C1882FALTCTFNL	5	>NF1-C1882FALTFTFNL	4	1
>NF1-C1882FALTCTFNLKI	42	>NF1-C1882FALTFTFNLKI	23	19

>NF1-C1882FALTCTFNLK	91	>NF1-C1882FALTFTFNLK	61	30
>NF1-C1882FALTCTFNLK	42	>NF1-C1882FALTFTFNLK	24	18
>NF1-C1882FALTCTFNLK	196	>NF1-C1882FALTFTFNLK	130	66
>NF1-C1882FALTCTFNLKI	632	>NF1-C1882FALTFTFNLKI	363	269
>NF1-C1882FALTCTFNLK	892	>NF1-C1882FALTFTFNLK	359	533
>NF1-C1882FCALTCTFNL	1326	>NF1-C1882FCALTFTFNL	163	1163
>NF1-C1882FCALTCTFNLK	142	>NF1-C1882FCALTFTFNLK	112	30
>NF1-C1882FCALTCTFNLK	112	>NF1-C1882FCALTFTFNLK	62	50
>NF1-C1882FCALTCTFNLK	446	>NF1-C1882FCALTFTFNLK	142	304
>NF1-C1882FCALTCTFNLK	429	>NF1-C1882FCALTFTFNLK	466	37
>NF1-C1882FCALTCTFNLK	272	>NF1-C1882FCALTFTFNLK	196	76
>NF1-C1882FCALTCTFNL	2359	>NF1-C1882FCALTFTFNL	100	2259
>NF1-C1882FCALTCTFNL	151	>NF1-C1882FCALTFTFNL	326	175
>NF1-C1882FCALTCTFNLKI	231	>NF1-C1882FCALTFTFNLKI	383	152
>NF1-C1882FCALTCTFNLK	804	>NF1-C1882FCALTFTFNLK	456	348
>NF1-C1882FCALTCTFNLK	486	>NF1-C1882FCALTFTFNLK	456	30
>NF1-C1882FCALTCTFNL	356	>NF1-C1882FCALTFTFNL	268	88
>NF1-C1882FCALTCTFNLKI	33	>NF1-C1882FCALTFTFNLKI	29	4
>NF1-C1882FLCALTCTF	338	>NF1-C1882FLCALTFTF	351	13
>NF1-C1882FLCALTCT	2844	>NF1-C1882FLCALTFT	434	2410
>NF1-C1882FLCALTCTFNL	27	>NF1-C1882FLCALTFTFNL	16	11
>NF1-C1882FLCALTCT	404	>NF1-C1882FLCALTFT	63	341
>NF1-C1882FLCALTCTFNL	10	>NF1-C1882FLCALTFTFNL	7	3
>NF1-C1882FLCALTCT	1050	>NF1-C1882FLCALTFT	218	832
>NF1-C1882FLCALTCTFNL	87	>NF1-C1882FLCALTFTFNL	84	3
>NF1-C1882FLCALTCTFNL	102	>NF1-C1882FLCALTFTFNL	56	46
>NF1-C1882FLCALTCT	1272	>NF1-C1882FLCALTFT	172	1100
>NF1-C1882FLCALTCTF	347	>NF1-C1882FLCALTFTF	217	130
>NF1-C1882FLCALTCTFNL	14	>NF1-C1882FLCALTFTFNL	8	6
>NF1-C1882FLCALTCTFNL	83	>NF1-C1882FLCALTFTFNL	62	21
>NF1-C1882FLCALTCTFNL	44	>NF1-C1882FLCALTFTFNL	31	13
>NF1-C1882FLCALTCTFNL	31	>NF1-C1882FLCALTFTFNL	23	8
>NF1-C1882FLCALTCT	159	>NF1-C1882FLCALTFT	50	109
>NF1-C1882FLCALTCTF	416	>NF1-C1882FLCALTFTF	578	162
>NF1-C1882FLCALTCTFNL	3	>NF1-C1882FLCALTFTFNL	3	0
>NF1-C1882FLCALTCTF	1471	>NF1-C1882FLCALTFTF	216	1255
>NF1-C1882FLCALTCTF	55	>NF1-C1882FLCALTFTF	23	32
>NF1-C1882FLCALTCTFNL	1131	>NF1-C1882FLCALTFTFNL	381	750
>NF1-C1882FLCALTCTF	33	>NF1-C1882FLCALTFTF	47	14
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>NF1-C1882FLCALTCTF	350	>NF1-C1882FLCALTFTF	319	31
>NF1-C1882FLCALTCTF	642	>NF1-C1882FLCALTFTF	194	448
>NF1-C1882FLCALTCTF	955	>NF1-C1882FLCALTFTF	265	690

>NF1-C1882FNLLCALTCT	1655	>NF1-C1882FNLLCALTFT	246	1409
>NF1-C1882FNLLCALTCTF	1757	>NF1-C1882FNLLCALTFTF	443	1314
>NF1-C1882FNLLCALTCT	2531	>NF1-C1882FNLLCALTFT	315	2216
>NF1-C1882FNLLCALTCT	1120	>NF1-C1882FNLLCALTFT	177	943
>NF1-C1882FNLLCALTCT	583	>NF1-C1882FNLLCALTFT	56	527
>NF1-C1882FNLLCALTC	237	>NF1-C1882FNLLCALTF	2505	2268
>NF1-C1882FNLLCALTCT	2995	>NF1-C1882FNLLCALTFT	311	2684
>NF1-C1882FNLLCALTC	122	>NF1-C1882FNLLCALTF	2035	1913
>NF1-C1882FNLLCALTCT	678	>NF1-C1882FNLLCALTFT	250	428
>NF1-C1882FNLLCALTCTF	854	>NF1-C1882FNLLCALTFTF	416	438
>NF1-C1882FNLLCALTCT	777	>NF1-C1882FNLLCALTFT	275	502
>NF1-C1882FNLLCALTC	26426	>NF1-C1882FNLLCALTF	287	26139
>NF1-C1882FNLLCALTCTF	1735	>NF1-C1882FNLLCALTFTF	337	1398
>NF1-C1882FNLLCALTCTF	273	>NF1-C1882FNLLCALTFTF	146	127
>NF1-C1882FNLLCALTC	18360	>NF1-C1882FNLLCALTF	434	17926
>NF1-C1882FNLLCALTCTF	193	>NF1-C1882FNLLCALTFTF	421	228
>NF1-C1882FNLLCALTC	20543	>NF1-C1882FNLLCALTF	328	20215
>NF1-C1882FNLLCALTCTF	306	>NF1-C1882FNLLCALTFTF	341	35
>NF1-C1882FNLLCALTC	18253	>NF1-C1882FNLLCALTF	70	18183
>NF1-C1882FNLLCALTCTF	78	>NF1-C1882FNLLCALTFTF	99	21
>NF1-C1882FNLLCALTC	17892	>NF1-C1882FNLLCALTF	386	17506
>NF1-C1882FYNLLCALTCTF	1888	>NF1-C1882FYNLLCALTFTF	311	1577
>NF1-C1882FYNLLCALTCTF	2189	>NF1-C1882FYNLLCALTFTF	466	1723
>NF1-C1882FYNLLCALTC	17271	>NF1-C1882FYNLLCALTF	496	16775
>NF1-C1882FYNLLCALTC	13059	>NF1-C1882FYNLLCALTF	41	13018
>NF1-C1882FYNLLCALTCTF	55	>NF1-C1882FYNLLCALTFTF	59	4
>NF1-C1882FYNLLCALTC	21327	>NF1-C1882FYNLLCALTF	355	20972
>NF1-C1882FYNLLCALTC	17321	>NF1-C1882FYNLLCALTF	322	16999
>NF1-C1882FYNLLCALTCTF	408	>NF1-C1882FYNLLCALTFTF	169	239
>NF1-C1882FYNLLCALTC	11923	>NF1-C1882FYNLLCALTF	93	11830
>NF1-C1882FYNLLCALTCTF	331	>NF1-C1882FYNLLCALTFTF	185	146
>NF1-C1882FAYNLLCALTC	29471	>NF1-C1882FAYNLLCALTF	74	29397
>NF1-C1882FAYNLLCALTC	19973	>NF1-C1882FAYNLLCALTF	47	19926
>NF1-C1882FAYNLLCALTC	7840	>NF1-C1882FAYNLLCALTF	12	7828
>NF1-C1882FAYNLLCALTC	21531	>NF1-C1882FAYNLLCALTF	303	21228
>NF1-C1882FAYNLLCALTC	11640	>NF1-C1882FAYNLLCALTF	376	11264
>NF1-D1302'DPLLRIVI	6704	>NF1-D1302'YPLLRIVI	49	6655
>NF1-D1302'DPLLRIVI	1086	>NF1-D1302'YPLLRIVI	149	937
>NF1-D1302'DPLLRIVI	8675	>NF1-D1302'YPLLRIVI	310	8365
>NF1-D1302'DPLLRIVI	989	>NF1-D1302'YPLLRIVI	212	777
>NF1-D1302'DPLLRIVI	2475	>NF1-D1302'YPLLRIVI	219	2256
>NF1-D1302'DPLLRIVI	4366	>NF1-D1302'YPLLRIVI	130	4236
>NF1-D1302'DPLLRIVIT	2876	>NF1-D1302'YPLLRIVIT	50	2826

>NF1-D1302'DPLLRRIVITS	10243	>NF1-D1302'YPLLRRIVITS	213	10030
>NF1-D1302'DPLLRRIVITSS	6219	>NF1-D1302'YPLLRRIVITSS	275	5944
>NF1-D1302'DPLLRRIVI	1572	>NF1-D1302'YPLLRRIVI	33	1539
>NF1-D1302'LDPLLRRIVI	317	>NF1-D1302'LYPLLRRIVI	2801	2484
>NF1-D1302'LDPLLRRIVI	24683	>NF1-D1302'LYPLLRRIVI	267	24416
>NF1-D1302'LDPLLRRIV	24833	>NF1-D1302'LYPLLRRIV	158	24675
>NF1-D1302'LDPLLRRIVI	20949	>NF1-D1302'LYPLLRRIVI	7	20942
>NF1-D1302'LDPLLRRIVITS	24786	>NF1-D1302'LYPLLRRIVITS	454	24332
>NF1-D1302'LDPLLRRIVI	478	>NF1-D1302'LYPLLRRIVI	23137	22659
>NF1-D1302'YGATYLQKLLI	18994	>NF1-D1302'YGATYLQKLL'	22	18972
>NF1-D1302'YGATYLQKLLI	23664	>NF1-D1302'YGATYLQKLL'	112	23552
>NF1-D1302'YGATYLQKLLI	23581	>NF1-D1302'YGATYLQKLL'	353	23228
>NF1-D1302'YGATYLQKLLI	23611	>NF1-D1302'YGATYLQKLL'	149	23462
>NF1-D1302'YGATYLQKLLI	38308	>NF1-D1302'YGATYLQKLL'	447	37861
>NF1-D1302'LLDPLLRI	54	>NF1-D1302'LLYPLLRI	27	27
>NF1-D1302'LLDPLLRRIV	160	>NF1-D1302'LLYPLLRRIV	45	115
>NF1-D1302'LLDPLLRRIVI	203	>NF1-D1302'LLYPLLRRIVI	67	136
>NF1-D1302'LLDPLLRI	195	>NF1-D1302'LLYPLLRI	61	134
>NF1-D1302'LLDPLLRRIV	242	>NF1-D1302'LLYPLLRRIV	80	162
>NF1-D1302'LLDPLLRRIVI	189	>NF1-D1302'LLYPLLRRIVI	35	154
>NF1-D1302'LLDPLLRRIVIT	1412	>NF1-D1302'LLYPLLRRIVIT	460	952
>NF1-D1302'LLDPLLRI	294	>NF1-D1302'LLYPLLRI	8	286
>NF1-D1302'LLDPLLRRIV	77	>NF1-D1302'LLYPLLRRIV	4	73
>NF1-D1302'LLDPLLRRIVI	568	>NF1-D1302'LLYPLLRRIVI	76	492
>NF1-D1302'LLDPLLRRIVIT	2967	>NF1-D1302'LLYPLLRRIVIT	62	2905
>NF1-D1302'LLDPLLRI	116	>NF1-D1302'LLYPLLRI	66	50
>NF1-D1302'LLDPLLRRIV	61	>NF1-D1302'LLYPLLRRIV	26	35
>NF1-D1302'LLDPLLRRIVI	455	>NF1-D1302'LLYPLLRRIVI	155	300
>NF1-D1302'LLDPLLRI	7	>NF1-D1302'LLYPLLRI	3	4
>NF1-D1302'LLDPLLRRIV	6	>NF1-D1302'LLYPLLRRIV	3	3
>NF1-D1302'LLDPLLRRIVI	42	>NF1-D1302'LLYPLLRRIVI	11	31
>NF1-D1302'LLDPLLRRIVIT	513	>NF1-D1302'LLYPLLRRIVIT	97	416
>NF1-D1302'LLDPLLRI	35	>NF1-D1302'LLYPLLRI	26	9
>NF1-D1302'LLDPLLRRIV	8	>NF1-D1302'LLYPLLRRIV	6	2
>NF1-D1302'LLDPLLRRIVI	126	>NF1-D1302'LLYPLLRRIVI	79	47
>NF1-D1302'LLDPLLRI	32	>NF1-D1302'LLYPLLRI	14	18
>NF1-D1302'LLDPLLRRIV	14	>NF1-D1302'LLYPLLRRIV	9	5
>NF1-D1302'LLDPLLRRIVI	106	>NF1-D1302'LLYPLLRRIVI	36	70
>NF1-D1302'LLDPLLRRIVIT	1148	>NF1-D1302'LLYPLLRRIVIT	366	782
>NF1-D1302'LLDPLLRI	108	>NF1-D1302'LLYPLLRI	187	79
>NF1-D1302'LLDPLLRRIV	23	>NF1-D1302'LLYPLLRRIV	32	9
>NF1-D1302'LLDPLLRI	7	>NF1-D1302'LLYPLLRI	3	4
>NF1-D1302'LLDPLLRRIV	3	>NF1-D1302'LLYPLLRRIV	2	1

>NF1-D1302'LLDPLLRI	33	>NF1-D1302'LLYPLLRI	8	25
>NF1-D1302'LLDPLLRI	146	>NF1-D1302'LLYPLLRI	23	123
>NF1-D1302'LLDPLLRI	10964	>NF1-D1302'LLYPLLRI	486	10478
>NF1-D1302'LLDPLLRI	2690	>NF1-D1302'LLYPLLRI	172	2518
>NF1-D1302'KLLDPLLRI	11	>NF1-D1302'KLLYPLLRI	31	20
>NF1-D1302'KLLDPLLRI	45	>NF1-D1302'KLLYPLLRI	84	39
>NF1-D1302'KLLDPLLRI	34	>NF1-D1302'KLLYPLLRI	102	68
>NF1-D1302'KLLDPLLRI	119	>NF1-D1302'KLLYPLLRI	972	853
>NF1-D1302'KLLDPLLRI	68	>NF1-D1302'KLLYPLLRI	153	85
>NF1-D1302'KLLDPLLRI	499	>NF1-D1302'KLLYPLLRI	1637	1138
>NF1-D1302'KLLDPLLRI	42	>NF1-D1302'KLLYPLLRI	324	282
>NF1-D1302'KLLDPLLRI	19	>NF1-D1302'KLLYPLLRI	28	9
>NF1-D1302'KLLDPLLRI	266	>NF1-D1302'KLLYPLLRI	885	619
>NF1-D1302'KLLDPLLRI	9	>NF1-D1302'KLLYPLLRI	148	139
>NF1-D1302'KLLDPLLRI	39	>NF1-D1302'KLLYPLLRI	65	26
>NF1-D1302'KLLDPLLRI	42	>NF1-D1302'KLLYPLLRI	295	253
>NF1-D1302'KLLDPLLRI	2	>NF1-D1302'KLLYPLLRI	6	4
>NF1-D1302'KLLDPLLRI	2	>NF1-D1302'KLLYPLLRI	5	3
>NF1-D1302'KLLDPLLRI	7	>NF1-D1302'KLLYPLLRI	34	27
>NF1-D1302'KLLDPLLRI	6	>NF1-D1302'KLLYPLLRI	38	32
>NF1-D1302'KLLDPLLRI	3	>NF1-D1302'KLLYPLLRI	8	5
>NF1-D1302'KLLDPLLRI	18	>NF1-D1302'KLLYPLLRI	82	64
>NF1-D1302'KLLDPLLRI	11	>NF1-D1302'KLLYPLLRI	100	89
>NF1-D1302'KLLDPLLRI	7	>NF1-D1302'KLLYPLLRI	17	10
>NF1-D1302'KLLDPLLRI	22	>NF1-D1302'KLLYPLLRI	136	114
>NF1-D1302'KLLDPLLRI	9	>NF1-D1302'KLLYPLLRI	354	345
>NF1-D1302'KLLDPLLRI	4	>NF1-D1302'KLLYPLLRI	33	29
>NF1-D1302'KLLDPLLRI	74	>NF1-D1302'KLLYPLLRI	1118	1044
>NF1-D1302'KLLDPLLRI	4	>NF1-D1302'KLLYPLLRI	85	81
>NF1-D1302'KLLDPLLRI	2	>NF1-D1302'KLLYPLLRI	13	11
>NF1-D1302'KLLDPLLRI	17	>NF1-D1302'KLLYPLLRI	219	202
>NF1-D1302'KLLDPLLRI	118	>NF1-D1302'KLLYPLLRI	78	40
>NF1-D1302'KLLDPLLRI	175	>NF1-D1302'KLLYPLLRI	176	1
>NF1-D1302'KLLDPLLRI	579	>NF1-D1302'KLLYPLLRI	374	205
>NF1-D1302'KLLDPLLRI	46	>NF1-D1302'KLLYPLLRI	22	24
>NF1-D1302'KLLDPLLRI	117	>NF1-D1302'KLLYPLLRI	30	87
>NF1-D1302'KLLDPLLRI	61	>NF1-D1302'KLLYPLLRI	21	40
>NF1-D1302'KLLDPLLRI	20	>NF1-D1302'KLLYPLLRI	31	11
>NF1-D1302'QKLLDPLL	827	>NF1-D1302'QKLLYPLL	179	648
>NF1-D1302'QKLLDPLLRI	1332	>NF1-D1302'QKLLYPLLRI	437	895
>NF1-D1302'QKLLDPLLRI	910	>NF1-D1302'QKLLYPLLRI	381	529
>NF1-D1302'QKLLDPLLRI	279	>NF1-D1302'QKLLYPLLRI	90	189
>NF1-D1302'LQKLLDPL	271	>NF1-D1302'LQKLLYPL	137	134

>NF1-D1302`LQKLLDPLL	1129	>NF1-D1302`LQKLLYPLL	466	663
>NF1-D1302`LQKLLDPLL	325	>NF1-D1302`LQKLLYPLL	75	250
>NF1-D1302`LQKLLDPL	159	>NF1-D1302`LQKLLYPL	106	53
>NF1-D1302`LQKLLDPL	524	>NF1-D1302`LQKLLYPL	80	444
>NF1-D1302`LQKLLDPLL	1751	>NF1-D1302`LQKLLYPLL	341	1410
>NF1-D1302`LQKLLDPL	726	>NF1-D1302`LQKLLYPL	257	469
>NF1-D1302`LQKLLDPLL	586	>NF1-D1302`LQKLLYPLL	292	294
>NF1-D1302`LQKLLDPLL	2601	>NF1-D1302`LQKLLYPLL	161	2440
>NF1-D1302`LQKLLDPLL	462	>NF1-D1302`LQKLLYPLL	304	158
>NF1-D1302`YLQKLLDPL	13	>NF1-D1302`YLQKLLYPL	7	6
>NF1-D1302`YLQKLLDPLL	66	>NF1-D1302`YLQKLLYPLL	84	18
>NF1-D1302`YLQKLLDP	4389	>NF1-D1302`YLQKLLYP	420	3969
>NF1-D1302`YLQKLLDPL	4	>NF1-D1302`YLQKLLYPL	3	1
>NF1-D1302`YLQKLLDPLL	28	>NF1-D1302`YLQKLLYPLL	39	11
>NF1-D1302`YLQKLLDPL	13	>NF1-D1302`YLQKLLYPL	8	5
>NF1-D1302`YLQKLLDPLL	224	>NF1-D1302`YLQKLLYPLL	130	94
>NF1-D1302`YLQKLLDPL	14	>NF1-D1302`YLQKLLYPL	11	3
>NF1-D1302`YLQKLLDPLL	178	>NF1-D1302`YLQKLLYPLL	181	3
>NF1-D1302`YLQKLLDPL	6	>NF1-D1302`YLQKLLYPL	3	3
>NF1-D1302`YLQKLLDPLL	17	>NF1-D1302`YLQKLLYPLL	7	10
>NF1-D1302`YLQKLLDPL	4	>NF1-D1302`YLQKLLYPL	2	2
>NF1-D1302`YLQKLLDPLL	11	>NF1-D1302`YLQKLLYPLL	9	2
>NF1-D1302`YLQKLLDPL	18	>NF1-D1302`YLQKLLYPL	11	7
>NF1-D1302`YLQKLLDPLL	13	>NF1-D1302`YLQKLLYPLL	11	2
>NF1-D1302`YLQKLLDPL	47	>NF1-D1302`YLQKLLYPL	6	41
>NF1-D1302`YLQKLLDPLL	75	>NF1-D1302`YLQKLLYPLL	18	57
>NF1-D1302`YLQKLLDPL	4	>NF1-D1302`YLQKLLYPL	3	1
>NF1-D1302`YLQKLLDPLL	5	>NF1-D1302`YLQKLLYPLL	3	2
>NF1-D1302`YLQKLLDPLLF	738	>NF1-D1302`YLQKLLYPLL	114	624
>NF1-D1302`YLQKLLDPL	4151	>NF1-D1302`YLQKLLYPL	388	3763
>NF1-D1302`YLQKLLDPLLF	686	>NF1-D1302`YLQKLLYPLL	160	526
>NF1-D1302`YLQKLLDPLLF	518	>NF1-D1302`YLQKLLYPLL	302	216
>NF1-D1302`YLQKLLDPL	1096	>NF1-D1302`YLQKLLYPL	85	1011
>NF1-D1302`YLQKLLDPL	432	>NF1-D1302`YLQKLLYPL	175	257
>NF1-D1302`YLQKLLDPL	3984	>NF1-D1302`YLQKLLYPL	489	3495
>NF1-D1302`YLQKLLDPLLF	212	>NF1-D1302`YLQKLLYPLL	75	137
>NF1-D1302`TYLQKLLDPLI	583	>NF1-D1302`TYLQKLLYPLL	118	465
>NF1-D1302`TYLQKLLDPL	87	>NF1-D1302`TYLQKLLYPL	225	138
>NF1-D1302`TYLQKLLDPL	5036	>NF1-D1302`TYLQKLLYPL	258	4778
>NF1-D1302`TYLQKLLDPLI	219	>NF1-D1302`TYLQKLLYPLL	102	117
>NF1-D1302`TYLQKLLDPL	3483	>NF1-D1302`TYLQKLLYPL	247	3236
>NF1-D1302`TYLQKLLDPLI	270	>NF1-D1302`TYLQKLLYPLL	74	196
>NF1-D1302`TYLQKLLD	3884	>NF1-D1302`TYLQKLLY	363	3521

>NF1-D1302'TYLQKLLDPL	10	>NF1-D1302'TYLQKLLYPL	9	1
>NF1-D1302'TYLQKLLDPLI	13	>NF1-D1302'TYLQKLLYPLL	6	7
>NF1-D1302'TYLQKLLD	14695	>NF1-D1302'TYLQKLLY	11	14684
>NF1-D1302'TYLQKLLD	22837	>NF1-D1302'TYLQKLLY	15	22822
>NF1-D1302'TYLQKLLDPL	412	>NF1-D1302'TYLQKLLYPL	118	294
>NF1-D1302'TYLQKLLDPLI	586	>NF1-D1302'TYLQKLLYPLL	259	327
>NF1-D1302'TYLQKLLDPL	180	>NF1-D1302'TYLQKLLYPL	46	134
>NF1-D1302'TYLQKLLDPLI	1160	>NF1-D1302'TYLQKLLYPLL	492	668
>NF1-D1302'ATYLQKLLDP	124	>NF1-D1302'ATYLQKLLYPI	82	42
>NF1-D1302'ATYLQKLLD	20597	>NF1-D1302'ATYLQKLLY	104	20493
>NF1-D1302'ATYLQKLLDP	561	>NF1-D1302'ATYLQKLLYPI	255	306
>NF1-D1302'ATYLQKLLDP	482	>NF1-D1302'ATYLQKLLYPI	286	196
>NF1-D1302'ATYLQKLLD	14249	>NF1-D1302'ATYLQKLLY	89	14160
>NF1-D1302'ATYLQKLLD	11248	>NF1-D1302'ATYLQKLLY	24	11224
>NF1-D1302'ATYLQKLLD	16781	>NF1-D1302'ATYLQKLLY	9	16772
>NF1-D1302'ATYLQKLLD	29564	>NF1-D1302'ATYLQKLLY	379	29185
>NF1-D1302'ATYLQKLLDP	182	>NF1-D1302'ATYLQKLLYPI	51	131
>NF1-D1302'ATYLQKLLDP	1540	>NF1-D1302'ATYLQKLLYPI	422	1118
>NF1-D1302'ATYLQKLLD	22279	>NF1-D1302'ATYLQKLLY	12	22267
>NF1-D1302'ATYLQKLLD	10447	>NF1-D1302'ATYLQKLLY	4	10443
>NF1-D1302'ATYLQKLLDP	15	>NF1-D1302'ATYLQKLLYPI	9	6
>NF1-D1302'ATYLQKLLDP	1602	>NF1-D1302'ATYLQKLLYPI	472	1130
>NF1-D1302'ATYLQKLLD	13047	>NF1-D1302'ATYLQKLLY	35	13012
>NF1-D1302'ATYLQKLLD	5086	>NF1-D1302'ATYLQKLLY	493	4593
>NF1-D1302'GATYLQKLLD	32888	>NF1-D1302'GATYLQKLLY	490	32398
>NF1-D1302'GATYLQKLLD	26841	>NF1-D1302'GATYLQKLLY	245	26596
>NF1-D176E-DIELLQYINV	922	>NF1-D176E-EIELLQYINV	224	698
>NF1-D176E-HDIELLQYI	145	>NF1-D176E-HEIELLQYI	8	137
>NF1-D176E-HDIELLQYINV	3291	>NF1-D176E-HEIELLQYINV	127	3164
>NF1-D176E-HDIELLQYI	1683	>NF1-D176E-HEIELLQYI	254	1429
>NF1-D176E-HDIELLQY	1109	>NF1-D176E-HEIELLQY	464	645
>NF1-D176E-HDIELLQY	285	>NF1-D176E-HEIELLQY	316	31
>NF1-D176E-HDIELLQY	1162	>NF1-D176E-HEIELLQY	241	921
>NF1-D176E-HDIELLQY	638	>NF1-D176E-HEIELLQY	10	628
>NF1-D176E-HDIELLQYI	14026	>NF1-D176E-HEIELLQYI	99	13927
>NF1-D176E-HDIELLQYINV	14877	>NF1-D176E-HEIELLQYINV	170	14707
>NF1-D176E-HDIELLQYI	13314	>NF1-D176E-HEIELLQYI	16	13298
>NF1-D176E-HDIELLQYINV	13766	>NF1-D176E-HEIELLQYINV	26	13740
>NF1-D176E-HDIELLQYI	132	>NF1-D176E-HEIELLQYI	41	91
>NF1-D176E-HDIELLQYINV	180	>NF1-D176E-HEIELLQYINV	40	140
>NF1-D176E-HDIELLQY	6295	>NF1-D176E-HEIELLQY	196	6099
>NF1-D176E-HDIELLQY	3589	>NF1-D176E-HEIELLQY	39	3550
>NF1-D176E-HDIELLQYI	7560	>NF1-D176E-HEIELLQYI	61	7499

>NF1-D176E-HDIELLQYINV	14714	>NF1-D176E-HEIELLQYINV	250	14464
>NF1-D176E-HDIELLQYINV	18010	>NF1-D176E-HEIELLQYINV	119	17891
>NF1-D176E-HDIELLQYI	40	>NF1-D176E-HEIELLQYI	3	37
>NF1-D176E-HDIELLQYINV	147	>NF1-D176E-HEIELLQYINV	5	142
>NF1-D176E-HDIELLQYI	125	>NF1-D176E-HEIELLQYI	7188	7063
>NF1-D176E-HDIELLQYINV	167	>NF1-D176E-HEIELLQYINV	7698	7531
>NF1-D176E-VHDIELLQY	231	>NF1-D176E-VHEIELLQY	658	427
>NF1-D176E-DVHDIELLQY	62	>NF1-D176E-DVHEIELLQY	44	18
>NF1-D176E-DVHDIELLQY	1103	>NF1-D176E-DVHEIELLQY	283	820
>NF1-D176E-DVHDIELL	56	>NF1-D176E-DVHEIELL	81	25
>NF1-D176E-DVHDIELLQY	34	>NF1-D176E-DVHEIELLQYI	44	10
>NF1-D176E-DVHDIELLQY	360	>NF1-D176E-DVHEIELLQYI	226	134
>NF1-D176E-DVHDIELLQY	171	>NF1-D176E-DVHEIELLQY	112	59
>NF1-D176E-VDVHDIELLQ	417	>NF1-D176E-VDVHEIELLQ	520	103
>NF1-D176E-VDVHDIELL	1752	>NF1-D176E-VDVHEIELL	380	1372
>NF1-D176E-VDVHDIELL	188	>NF1-D176E-VDVHEIELL	122	66
>NF1-D176E-EDNVDVHDI	105	>NF1-D176E-EDNVDVHEI	75	30
>NF1-D176E-SEDNVDVHD	58	>NF1-D176E-SEDNVDVHEI	39	19
>NF1-D176E-SEDNVDVHD	523	>NF1-D176E-SEDNVDVHEI	308	215
>NF1-D176E-SEDNVDVHD	683	>NF1-D176E-SEDNVDVHEI	261	422
>NF1-D176E-SEDNVDVHD	50	>NF1-D176E-SEDNVDVHEI	54	4
>NF1-D176E-CSEDNVDVHI	141	>NF1-D176E-CSEDNVDVHI	74	67
>NF1-D1849I DVPGTLLNIA	6137	>NF1-D1849I NVPGTLLNIA	498	5639
>NF1-D1849I DVPGTLLNIA	237	>NF1-D1849I NVPGTLLNIA	1452	1215
>NF1-D1849I DVPGTLLNIA	211	>NF1-D1849I NVPGTLLNIA	977	766
>NF1-D1849I DVPGTLLNI	880	>NF1-D1849I NVPGTLLNI	321	559
>NF1-D1849I DVPGTLLNIA	377	>NF1-D1849I NVPGTLLNIA	172	205
>NF1-D1849I DVPGTLLNIA	2179	>NF1-D1849I NVPGTLLNIA	457	1722
>NF1-D1849I KDVPGTLLNI	86	>NF1-D1849I KNVPGTLLNI	4606	4520
>NF1-D1849I RPKDVPGT	39	>NF1-D1849I RPKNVPGT	41	2
>NF1-D1849I RPKDVPGT	17	>NF1-D1849I RPKNVPGT	14	3
>NF1-D1849I IRPKDVPGT	177	>NF1-D1849I IRPKNVPGT	164	13
>NF1-D1849I IRPKDVPGT	215	>NF1-D1849I IRPKNVPGT	180	35
>NF1-D1849I IRPKDVPGT	92	>NF1-D1849I IRPKNVPGT	91	1
>NF1-D1849I IRPKDVPGT	96	>NF1-D1849I IRPKNVPGT	60	36
>NF1-D1849I KIRPKDVP	1213	>NF1-D1849I KIRPKNVP	111	1102
>NF1-D1849I KIRPKDVP	23	>NF1-D1849I KIRPKNVP	8	15
>NF1-D1849I KIRPKDVP	110	>NF1-D1849I KIRPKNVP	24	86
>NF1-D1849I KIRPKDVP	13	>NF1-D1849I KIRPKNVP	8	5
>NF1-D1849I KIRPKDVP	987	>NF1-D1849I KIRPKNVP	448	539
>NF1-D1849I KIRPKDVP	837	>NF1-D1849I KIRPKNVP	441	396
>NF1-D1849I KIRPKDVP	74	>NF1-D1849I KIRPKNVP	99	25
>NF1-D1849I TKIRPKDV	911	>NF1-D1849I TKIRPKNV	417	494



>NF1-D1849IHTKIRPKD	586	>NF1-D1849IHTKIRPKN	309	277
>NF1-D1849IHTKIRPKDV	114	>NF1-D1849IHTKIRPKNV	21	93
>NF1-D1849IHTKIRPKDVP	103	>NF1-D1849IHTKIRPKNVP	32	71
>NF1-D1849IHTKIRPKDV	1172	>NF1-D1849IHTKIRPKNV	238	934
>NF1-D2632IDEFDQRIL	86	>NF1-D2632IEEFDQRIL	26	60
>NF1-D2632IDEFDQRILYE\	428	>NF1-D2632IEEFDQRILYEY	395	33
>NF1-D2632IDEFDQRILYE\	473	>NF1-D2632IEEFDQRILYEY	693	220
>NF1-D2632IDEFDQRIL	14	>NF1-D2632IEEFDQRIL	590	576
>NF1-D2632IDEFDQRILY	4	>NF1-D2632IEEFDQRILY	34	30
>NF1-D2632IDEFDQRILYE\	3	>NF1-D2632IEEFDQRILYEY	13	10
>NF1-D2632IDEFDQRIL	470	>NF1-D2632IEEFDQRIL	100	370
>NF1-D2632IDEFDQRIL	905	>NF1-D2632IEEFDQRIL	94	811
>NF1-D2632IDEFDQRILYE\	310	>NF1-D2632IEEFDQRILYEY	212	98
>NF1-D2632IDEFDQRIL	914	>NF1-D2632IEEFDQRIL	207	707
>NF1-D2632IDEFDQRILY	139	>NF1-D2632IEEFDQRILY	46	93
>NF1-D2632IDEFDQRILYE\	75	>NF1-D2632IEEFDQRILYEY	28	47
>NF1-D2632ITDEFDQRI	4986	>NF1-D2632ITEEFDQRI	122	4864
>NF1-D2632ITDEFDQRIL	16928	>NF1-D2632ITEEFDQRIL	92	16836
>NF1-D2632ITDEFDQRI	313	>NF1-D2632ITEEFDQRI	11548	11235
>NF1-D2632ITTDEFDQRIL\	6	>NF1-D2632ITTEEFDRILY	10	4
>NF1-D2632ITTDEFDQRIL\	277	>NF1-D2632ITTEEFDRILY	722	445
>NF1-D2632ITTDEFDQRIL\	183	>NF1-D2632ITTEEFDRILY	158	25
>NF1-D2632ITTDEFDQR	17	>NF1-D2632ITTEEFDR	9	8
>NF1-D2632ITTDEFDQRIL\	854	>NF1-D2632ITTEEFDRILY	398	456
>NF1-D2632ITTDEFDQRI	373	>NF1-D2632ITTEEFDR	333	40
>NF1-D2632ITTDEFDQRI	120	>NF1-D2632ITTEEFDR	2015	1895
>NF1-D2632ITTDEFDQRIL\	309	>NF1-D2632ITTEEFDRILY	777	468
>NF1-D2632ITTDEFDQRIL\	70	>NF1-D2632ITTEEFDRILY	72	2
>NF1-D2632ITTDEFDQRIL\	341	>NF1-D2632ITTEEFDRILY	130	211
>NF1-D2632ITTDEFDQRI	129	>NF1-D2632ITTEEFDR	80	49
>NF1-D2632IYTTEFDQRI	478	>NF1-D2632IYTTEFDQRI	614	136
>NF1-D2632IYTTEFDQRIL	502	>NF1-D2632IYTTEFDQRIL	468	34
>NF1-D2632IYTTEFDQRI	222	>NF1-D2632IYTTEFDQRI	143	79
>NF1-D2632IYTTEFDQRI	170	>NF1-D2632IYTTEFDQRI	511	341
>NF1-D2632IYTTEFDQRIL	641	>NF1-D2632IYTTEFDQRIL	465	176
>NF1-D2632IYTTEFDQR	454	>NF1-D2632IYTTEFDQR	350	104
>NF1-D2632IYTTEFDQR	4	>NF1-D2632IYTTEFDQR	4	0
>NF1-D2632IYTTEFDQRI	198	>NF1-D2632IYTTEFDQRI	155	43
>NF1-D2632IYTTEFDQRI	435	>NF1-D2632IYTTEFDQRI	251	184
>NF1-D2632IYTTEFDQRI	125	>NF1-D2632IYTTEFDQRI	162	37
>NF1-D2632IYTTEFDQRIL	246	>NF1-D2632IYTTEFDQRIL	332	86
>NF1-D2632IYTTEFDQRI	98	>NF1-D2632IYTTEFDQRI	124	26
>NF1-D2632IYTTEFDQRIL	19	>NF1-D2632IYTTEFDQRIL	24	5

>NF1-D2632IYTTDEFDQRIL	98	>NF1-D2632IYTTEFDQRIL	265	167
>NF1-D2632IYTTDEFDQR	427	>NF1-D2632IYTTEFDQR	438	11
>NF1-D2632IYTTDEFDQRI	388	>NF1-D2632IYTTEFDQRI	131	257
>NF1-D2632IKYTTDEFDQR	50	>NF1-D2632IKYTTEFDQR	143	93
>NF1-D2632IKYTTDEFDQR	761	>NF1-D2632IKYTTEFDQR	387	374
>NF1-D2632IKYTTDEFDQR	529	>NF1-D2632IKYTTEFDQR	332	197
>NF1-D2632IKYTTDEFDQR	75	>NF1-D2632IKYTTEFDQR	48	27
>NF1-D2632IKYTTDEFDQR	19	>NF1-D2632IKYTTEFDQR	15	4
>NF1-D2632IVKYTTDEF	3	>NF1-D2632IVKYTTEEF	3	0
>NF1-D2632ILVKYTTDEF	83	>NF1-D2632ILVKYTTEEF	41	42
>NF1-D2632ILVKYTTDEF	179	>NF1-D2632ILVKYTTEEF	44	135
>NF1-D2632ILVKYTTDEF	1419	>NF1-D2632ILVKYTTEEF	498	921
>NF1-D2632ILVKYTTDEF	308	>NF1-D2632ILVKYTTEEF	218	90
>NF1-D2632ITLVKYTTDEF	811	>NF1-D2632ITLVKYTTEEF	430	381
>NF1-D2632ITLVKYTTDEF	345	>NF1-D2632ITLVKYTTEEF	129	216
>NF1-D2632ITLVKYTTDEF	140	>NF1-D2632ITLVKYTTEEF	65	75
>NF1-D2632IATLVKYTTDE	175	>NF1-D2632IATLVKYTTEEF	189	14
>NF1-D2632IATLVKYTTDE	85	>NF1-D2632IATLVKYTTEEF	60	25
>NF1-D2632IATLVKYTTDE	123	>NF1-D2632IATLVKYTTEEF	57	66
>NF1-D2632IATLVKYTTDE	5	>NF1-D2632IATLVKYTTEEF	4	1
>NF1-D2632IATLVKYTTDE	103	>NF1-D2632IATLVKYTTEEF	80	23
>NF1-E1919K*EPHLLTEF	2219	>NF1-E1919K*KPHLLTEF	67	2152
>NF1-E1919K*EPHLLTEFL	6060	>NF1-E1919K*KPHLLTEFL	172	5888
>NF1-E1919K*EPHLLTEF	2687	>NF1-E1919K*KPHLLTEF	336	2351
>NF1-E1919K*EPHLLTEF	43	>NF1-E1919K*KPHLLTEF	270	227
>NF1-E1919K*EPHLLTEF	228	>NF1-E1919K*KPHLLTEF	922	694
>NF1-E1919K*EPHLLTEF	168	>NF1-E1919K*KPHLLTEF	323	155
>NF1-E1919K*NEPHLLTEF	82	>NF1-E1919K*NKPHLLTEF	8062	7980
>NF1-E1919K*NEPHLLTEFL	12	>NF1-E1919K*NKPHLLTEFL	479	467
>NF1-E1919K*NEPHLLTEF	2122	>NF1-E1919K*NKPHLLTEF	40	2082
>NF1-E1919K*NEPHLLTEF	95	>NF1-E1919K*NKPHLLTEF	16504	16409
>NF1-E1919K*NEPHLLTEFL	457	>NF1-E1919K*NKPHLLTEFL	28725	28268
>NF1-E1919K*NEPHLLTEF	180	>NF1-E1919K*NKPHLLTEF	20257	20077
>NF1-E1919K*NEPHLLTEFL	173	>NF1-E1919K*NKPHLLTEFL	20379	20206
>NF1-E1919K*VSISKTAAANE	21106	>NF1-E1919K*VSISKTAAAN*	192	20914
>NF1-E1919K*VSISKTAAANE	21656	>NF1-E1919K*VSISKTAAAN*	20	21636
>NF1-E1919K*VSISKTAAANE	19687	>NF1-E1919K*VSISKTAAAN*	201	19486
>NF1-E1919K*ANEPHLLTEF	7060	>NF1-E1919K*ANKPHLLTEF	313	6747
>NF1-E1919K*ANEPHLLTEF	2058	>NF1-E1919K*ANKPHLLTEF	104	1954
>NF1-E1919K*AANEPHLLTL	263	>NF1-E1919K*AANKPHLLTL	4099	3836
>NF1-E1919K*AANEPHLLTE	197	>NF1-E1919K*AANKPHLLTE	173	24
>NF1-E1919K*AANEPHLLTL	587	>NF1-E1919K*AANKPHLLTL	337	250
>NF1-E1919K*AANEPHLLTE	38	>NF1-E1919K*AANKPHLLTE	27	11

>NF1-E1919†AANEPHLTL	21	>NF1-E1919†AANKPHLTL	37	16
>NF1-E1919†AANEPHLTLE	8	>NF1-E1919†AANKPHLTLE	13	5
>NF1-E1919†AANEPHLTLE	147	>NF1-E1919†AANKPHLTLE	434	287
>NF1-E1919†AANEPHLTLE	137	>NF1-E1919†AANKPHLTLE	194	57
>NF1-E1919†LAANEPHLTL	167	>NF1-E1919†LAANKPHLTL	393	226
>NF1-E1919†LAANEPHLTL	108	>NF1-E1919†LAANKPHLTL	65	43
>NF1-E1919†LAANEPHLTL	412	>NF1-E1919†LAANKPHLTL	780	368
>NF1-E1919†LAANEPHLTL	443	>NF1-E1919†LAANKPHLTL	923	480
>NF1-E1919†TLAANEPHL	136	>NF1-E1919†TLAANKPHL	555	419
>NF1-E1919†TLAANEPHLT	158	>NF1-E1919†TLAANKPHLT	487	329
>NF1-E1919†TLAANEPHL	29	>NF1-E1919†TLAANKPHL	94	65
>NF1-E1919†TLAANEPHLT	288	>NF1-E1919†TLAANKPHLT	744	456
>NF1-E1919†TLAANEPHLT	45	>NF1-E1919†TLAANKPHLT	99	54
>NF1-E1919†TLAANEPHL	458	>NF1-E1919†TLAANKPHL	481	23
>NF1-E1919†TLAANEPHLT	150	>NF1-E1919†TLAANKPHLT	223	73
>NF1-E1919†TLAANEPHLT	134	>NF1-E1919†TLAANKPHLT	185	51
>NF1-E1919†TLAANEPHL	449	>NF1-E1919†TLAANKPHL	714	265
>NF1-E1919†TLAANEPHL	88	>NF1-E1919†TLAANKPHL	105	17
>NF1-E1919†TLAANEPHLT	27	>NF1-E1919†TLAANKPHLT	42	15
>NF1-E1919†TLAANEPHL	129	>NF1-E1919†TLAANKPHL	333	204
>NF1-E1919†TLAANEPHLT	110	>NF1-E1919†TLAANKPHLT	267	157
>NF1-E1919†TLAANEPHL	13	>NF1-E1919†TLAANKPHL	23	10
>NF1-E1919†TLAANEPHLT	31	>NF1-E1919†TLAANKPHLT	63	32
>NF1-E1919†TLAANEPHL	92	>NF1-E1919†TLAANKPHL	219	127
>NF1-E1919†TLAANEPHLT	135	>NF1-E1919†TLAANKPHLT	341	206
>NF1-E1919†TLAANEPHL	7	>NF1-E1919†TLAANKPHL	7	0
>NF1-E1919†TLAANEPHLT	75	>NF1-E1919†TLAANKPHLT	74	1
>NF1-E1919†TLAANEPHLT	5	>NF1-E1919†TLAANKPHLT	6	1
>NF1-E1919†KTLAANEPHL	270	>NF1-E1919†KTLAANKPHL	730	460
>NF1-E1919†KTLAANEPH	1164	>NF1-E1919†KTLAANKPH	207	957
>NF1-E1919†KTLAANEPHL	46	>NF1-E1919†KTLAANKPHL	17	29
>NF1-E1919†KTLAANEPHL	702	>NF1-E1919†KTLAANKPHL	289	413
>NF1-E1919†KTLAANEPH	392	>NF1-E1919†KTLAANKPH	1040	648
>NF1-E1919†KTLAANEPHL	230	>NF1-E1919†KTLAANKPHL	427	197
>NF1-E1919†KTLAANEPH	195	>NF1-E1919†KTLAANKPH	57	138
>NF1-E1919†KTLAANEPHL	7	>NF1-E1919†KTLAANKPHL	6	1
>NF1-E1919†KTLAANEPHL	48	>NF1-E1919†KTLAANKPHL	146	98
>NF1-E1919†ISKTLAANE	21462	>NF1-E1919†ISKTLAANK	196	21266
>NF1-E1919†ISKTLAANE	26883	>NF1-E1919†ISKTLAANK	223	26660
>NF1-E1919†ISKTLAANE	6843	>NF1-E1919†ISKTLAANK	10	6833
>NF1-E1919†ISKTLAANE	15331	>NF1-E1919†ISKTLAANK	235	15096
>NF1-E1919†ISKTLAANE	23214	>NF1-E1919†ISKTLAANK	380	22834
>NF1-E1919†SISKTLAANE	24566	>NF1-E1919†SISKTLAANK	100	24466

>NF1-E1919†SISKTAAANE	31343	>NF1-E1919†SISKTAAANK	26	31317
>NF1-E1919†SISKTAAANE	13971	>NF1-E1919†SISKTAAANK	99	13872
>NF1-E1919†SISKTAAANE	12643	>NF1-E1919†SISKTAAANK	404	12239
>NF1-E1919†SISKTAAANE	26284	>NF1-E1919†SISKTAAANK	72	26212
>NF1-E91K-ᵛEKCLAGQPK	15098	>NF1-E91K-ᵛKKCLAGQPK	385	14713
>NF1-E91K-ᵛEKCLAGQPK	4612	>NF1-E91K-ᵛKKCLAGQPK	372	4240
>NF1-E91K-ᵛLEKCLAGQPK	6613	>NF1-E91K-ᵛLKKCLAGQPK	324	6289
>NF1-E91K-ᵛLSQLIILDITLE	23152	>NF1-E91K-ᵛLSQLIILDITLK	48	23104
>NF1-E91K-ᵛLSQLIILDITLE	20863	>NF1-E91K-ᵛLSQLIILDITLK	392	20471
>NF1-E91K-ᵛTLEKCLAGQP	1228	>NF1-E91K-ᵛTLKKCLAGQP	221	1007
>NF1-E91K-ᵛTLEKCLAGQP	6688	>NF1-E91K-ᵛTLKKCLAGQP	47	6641
>NF1-E91K-ᵛTLEKCLAGQP	5056	>NF1-E91K-ᵛTLKKCLAGQP	488	4568
>NF1-E91K-ᵛDTLEKCLAGC	352	>NF1-E91K-ᵛDTLKKCLAGC	888	536
>NF1-E91K-ᵛDTLEKCLA	261	>NF1-E91K-ᵛDTLKKCLA	1797	1536
>NF1-E91K-ᵛILDITLEKCLA	497	>NF1-E91K-ᵛILDITLKKCLA	1083	586
>NF1-E91K-ᵛILDITLEKC	278	>NF1-E91K-ᵛILDITLKKC	845	567
>NF1-E91K-ᵛILDITLEKCLA	403	>NF1-E91K-ᵛILDITLKKCLA	418	15
>NF1-E91K-ᵛILDITLEKCL	356	>NF1-E91K-ᵛILDITLKKCL	813	457
>NF1-E91K-ᵛILDITLEKCLA	295	>NF1-E91K-ᵛILDITLKKCLA	475	180
>NF1-E91K-ᵛILDITLEKCL	350	>NF1-E91K-ᵛILDITLKKCL	374	24
>NF1-E91K-ᵛILDITLEKCLA	128	>NF1-E91K-ᵛILDITLKKCLA	132	4
>NF1-E91K-ᵛIILDITLEKC	391	>NF1-E91K-ᵛIILDITLKKC	3399	3008
>NF1-E91K-ᵛIILDITLEKCLA	96	>NF1-E91K-ᵛIILDITLKKCLA	250	154
>NF1-E91K-ᵛIILDITLEKC	99	>NF1-E91K-ᵛIILDITLKKC	611	512
>NF1-E91K-ᵛIILDITLEKCL	242	>NF1-E91K-ᵛIILDITLKKCL	436	194
>NF1-E91K-ᵛIILDITLEKCLA	115	>NF1-E91K-ᵛIILDITLKKCLA	209	94
>NF1-E91K-ᵛIILDITLEKCLA	443	>NF1-E91K-ᵛIILDITLKKCLA	878	435
>NF1-E91K-ᵛIILDITLEKC	415	>NF1-E91K-ᵛIILDITLKKC	4891	4476
>NF1-E91K-ᵛIILDITLEKCL	196	>NF1-E91K-ᵛIILDITLKKCL	573	377
>NF1-E91K-ᵛIILDITLEKCLA	393	>NF1-E91K-ᵛIILDITLKKCLA	958	565
>NF1-E91K-ᵛIILDITLEKC	366	>NF1-E91K-ᵛIILDITLKKC	1145	779
>NF1-E91K-ᵛIILDITLEKCL	188	>NF1-E91K-ᵛIILDITLKKCL	279	91
>NF1-E91K-ᵛIILDITLEKCLA	55	>NF1-E91K-ᵛIILDITLKKCLA	94	39
>NF1-E91K-ᵛIILDITLEK	287	>NF1-E91K-ᵛIILDITLKK	161	126
>NF1-E91K-ᵛIILDITLEK	28	>NF1-E91K-ᵛIILDITLKK	37	9
>NF1-E91K-ᵛIILDITLEK	437	>NF1-E91K-ᵛIILDITLKK	431	6
>NF1-E91K-ᵛLIILDITLEK	853	>NF1-E91K-ᵛLIILDITLKK	411	442
>NF1-E91K-ᵛLIILDITLE	26494	>NF1-E91K-ᵛLIILDITLK	97	26397
>NF1-E91K-ᵛLIILDITLEK	52	>NF1-E91K-ᵛLIILDITLKK	52	0
>NF1-E91K-ᵛLIILDITLE	14422	>NF1-E91K-ᵛLIILDITLK	116	14306
>NF1-E91K-ᵛLIILDITLEK	309	>NF1-E91K-ᵛLIILDITLKK	470	161
>NF1-E91K-ᵛQLIILDITLEK	159	>NF1-E91K-ᵛQLIILDITLKK	145	14
>NF1-E91K-ᵛQLIILDITLEK	42	>NF1-E91K-ᵛQLIILDITLKK	54	12

>NF1-E91K- $\nu$ QLIILDITLE	19201	>NF1-E91K- $\eta$ QLIILDTLK	250	18951
>NF1-E91K- $\nu$ QLIILDITLEK	119	>NF1-E91K- $\eta$ QLIILDTLKK	134	15
>NF1-E91K- $\nu$ SQLIILDITLE	22844	>NF1-E91K- $\eta$ SQLIILDTLK	456	22388
>NF1-E91K- $\nu$ SQLIILDITLE	31703	>NF1-E91K- $\eta$ SQLIILDTLK	46	31657
>NF1-E91K- $\nu$ SQLIILDITLEK	33	>NF1-E91K- $\eta$ SQLIILDTLKK	35	2
>NF1-F2156L FSLPKFYLL	58	>NF1-F2156L LSLPKFYLL	65	7
>NF1-F2156L FSLPKFYLL	119	>NF1-F2156L LSLPKFYLL	2158	2039
>NF1-F2156L FSLPKFYLL	76	>NF1-F2156L LSLPKFYLL	1277	1201
>NF1-F2156L FSLPKFYLL	103	>NF1-F2156L LSLPKFYLL	840	737
>NF1-F2156L FSLPKFYLL	43	>NF1-F2156L LSLPKFYLL	384	341
>NF1-F2156L FSLPKFYLL	17	>NF1-F2156L LSLPKFYLL	229	212
>NF1-F2156L FSLPKFYLL	15	>NF1-F2156L LSLPKFYLL	178	163
>NF1-F2156L FSLPKFYLL	108	>NF1-F2156L LSLPKFYLL	984	876
>NF1-F2156L FSLPKFYLL	461	>NF1-F2156L LSLPKFYLL	763	302
>NF1-F2156L FSLPKFYLLF	32	>NF1-F2156L LSLPKFYLLF	74	42
>NF1-F2156L FSLPKFYLLF	259	>NF1-F2156L LSLPKFYLLF	486	227
>NF1-F2156L FSLPKFYLL	180	>NF1-F2156L LSLPKFYLL	2416	2236
>NF1-F2156L FSLPKFYLL	95	>NF1-F2156L LSLPKFYLL	1539	1444
>NF1-F2156L FSLPKFYLL	117	>NF1-F2156L LSLPKFYLL	1258	1141
>NF1-F2156L FSLPKFYLL	143	>NF1-F2156L LSLPKFYLL	413	270
>NF1-F2156L FSLPKFYLLF	14	>NF1-F2156L LSLPKFYLLF	24	10
>NF1-F2156L FSLPKFYLL	33	>NF1-F2156L LSLPKFYLL	22	11
>NF1-F2156L FSLPKFYLL	52	>NF1-F2156L LSLPKFYLL	34	18
>NF1-F2156L FSLPKFYLLF	6	>NF1-F2156L LSLPKFYLLF	5	1
>NF1-F2156L FSLPKFYLLF	483	>NF1-F2156L LSLPKFYLLF	116	367
>NF1-F2156L FSLPKFYLL	287	>NF1-F2156L LSLPKFYLL	156	131
>NF1-F2156L FSLPKFYLL	872	>NF1-F2156L LSLPKFYLL	388	484
>NF1-F2156L FSLPKFYLLF	23	>NF1-F2156L LSLPKFYLLF	19	4
>NF1-F2156L FSLPKFYLL	252	>NF1-F2156L LSLPKFYLL	575	323
>NF1-F2156L FSLPKFYLL	35	>NF1-F2156L LSLPKFYLL	43	8
>NF1-F2156L FSLPKFYLLF	132	>NF1-F2156L LSLPKFYLLF	145	13
>NF1-F2156L FSLPKFYLL	261	>NF1-F2156L LSLPKFYLL	245	16
>NF1-F2156L FSLPKFYLLF	82	>NF1-F2156L LSLPKFYLLF	55	27
>NF1-F2156L FSLPKFYLLF	312	>NF1-F2156L LSLPKFYLLF	1017	705
>NF1-F2156L FSLPKFYLL	152	>NF1-F2156L LSLPKFYLL	126	26
>NF1-F2156L FSLPKFYLL	165	>NF1-F2156L LSLPKFYLL	138	27
>NF1-F2156L EFSLPKFYLL	11076	>NF1-F2156L ELSLPKFYLL	244	10832
>NF1-F2156L EFSLPKFYLL	6213	>NF1-F2156L ELSLPKFYLL	114	6099
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>NF1-F2156L EFSLPKFYLL	21538	>NF1-F2156L ELSLPKFYLL	356	21182
>NF1-F2156L EFSLPKFYLL	16093	>NF1-F2156L ELSLPKFYLL	52	16041
>NF1-F2156L EFSLPKFYLL	19718	>NF1-F2156L ELSLPKFYLL	294	19424
>NF1-F2156L EFSLPKFYLL	21113	>NF1-F2156L ELSLPKFYLL	54	21059

>NF1-F2156L EFSLPKFYLL	24199	>NF1-F2156L ELSLPKFYLL	102	24097
>NF1-F2156L EFSLPKFYLL	169	>NF1-F2156L ELSLPKFYLL	5628	5459
>NF1-F2156L EFSLPKFYLLF	322	>NF1-F2156L ELSLPKFYLLF	2989	2667
>NF1-F2156L EFSLPKFYLLF	152	>NF1-F2156L ELSLPKFYLLF	9204	9052
>NF1-F2156L EFSLPKFY	157	>NF1-F2156L ELSLPKFY	610	453
>NF1-F2156L EFSLPKFYLLF	460	>NF1-F2156L ELSLPKFYLLF	1640	1180
>NF1-F2156L EFSLPKFYL	1768	>NF1-F2156L ELSLPKFYL	70	1698
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>NF1-F2156L EFSLPKFYLL	56	>NF1-F2156L ELSLPKFYLL	130	74
>NF1-F2156L EFSLPKFYLLF	456	>NF1-F2156L ELSLPKFYLLF	2319	1863
>NF1-F2156L EFSLPKFYLL	331	>NF1-F2156L ELSLPKFYLL	14043	13712
>NF1-F2156L KQVLRSLSTEI	7353	>NF1-F2156L KQVLRSLSTEI	235	7118
>NF1-F2156L KQVLRSLSTEI	7689	>NF1-F2156L KQVLRSLSTEI	159	7530
>NF1-F2156L KQVLRSLSTEI	54	>NF1-F2156L KQVLRSLSTEI	8	46
>NF1-F2156L KQVLRSLSTEI	103	>NF1-F2156L KQVLRSLSTEI	1777	1674
>NF1-F2156L KQVLRSLSTEI	5	>NF1-F2156L KQVLRSLSTEI	80	75
>NF1-F2156L KQVLRSLSTEI	437	>NF1-F2156L KQVLRSLSTEI	5183	4746
>NF1-F2156L KQVLRSLSTEI	6862	>NF1-F2156L KQVLRSLSTEI	382	6480
>NF1-F2156L KQVLRSLSTEI	1825	>NF1-F2156L KQVLRSLSTEI	392	1433
>NF1-F2156L TEFSLPKFY	39	>NF1-F2156L TELSLPKFY	73	34
>NF1-F2156L TEFSLPKFYL	64	>NF1-F2156L TELSLPKFYL	111	47
>NF1-F2156L TEFSLPKFYLL	26	>NF1-F2156L TELSLPKFYLL	37	11
>NF1-F2156L TEFSLPKFYL	493	>NF1-F2156L TELSLPKFYL	1364	871
>NF1-F2156L TEFSLPKFY	265	>NF1-F2156L TELSLPKFY	840	575
>NF1-F2156L TEFSLPKFY	487	>NF1-F2156L TELSLPKFY	539	52
>NF1-F2156L TEFSLPKF	61	>NF1-F2156L TELSLPKF	293	232
>NF1-F2156L TEFSLPKFY	172	>NF1-F2156L TELSLPKFY	844	672
>NF1-F2156L TEFSLPKF	20	>NF1-F2156L TELSLPKF	37	17
>NF1-F2156L TEFSLPKFY	35	>NF1-F2156L TELSLPKFY	73	38
>NF1-F2156L TEFSLPKFYLL	137	>NF1-F2156L TELSLPKFYLL	311	174
>NF1-F2156L TEFSLPKFYLL	266	>NF1-F2156L TELSLPKFYLL	526	260
>NF1-F2156L TEFSLPKF	353	>NF1-F2156L TELSLPKF	1782	1429
>NF1-F2156L TEFSLPKFYL	254	>NF1-F2156L TELSLPKFYL	1135	881
>NF1-F2156L TEFSLPKFYLL	40	>NF1-F2156L TELSLPKFYLL	138	98
>NF1-F2156L TEFSLPKF	184	>NF1-F2156L TELSLPKF	322	138
>NF1-F2156L TEFSLPKFYL	34	>NF1-F2156L TELSLPKFYL	55	21
>NF1-F2156L TEFSLPKFYLL	32	>NF1-F2156L TELSLPKFYLL	67	35
>NF1-F2156L TEFSLPKF	197	>NF1-F2156L TELSLPKF	196	1
>NF1-F2156L TEFSLPKFY	89	>NF1-F2156L TELSLPKFY	95	6
>NF1-F2156L TEFSLPKFYL	149	>NF1-F2156L TELSLPKFYL	229	80
>NF1-F2156L TEFSLPKF	38	>NF1-F2156L TELSLPKF	68	30
>NF1-F2156L TEFSLPKFY	14	>NF1-F2156L TELSLPKFY	21	7
>NF1-F2156L TEFSLPKFYL	109	>NF1-F2156L TELSLPKFYL	392	283

>NF1-F2156L TEFSLPKFYLL	66	>NF1-F2156L TELSLPKFYLL	159	93
>NF1-F2156L TEFSLPKFY	59	>NF1-F2156L TELSLPKFY	54	5
>NF1-F2156L TEFSLPKFYLL	15	>NF1-F2156L TELSLPKFYLL	42	27
>NF1-F2156L LTEFSLPKFY	44	>NF1-F2156L LTELSLPKFY	44	0
>NF1-F2156L LTEFSLPK	33	>NF1-F2156L LTELSLPK	55	22
>NF1-F2156L LTEFSLPKFY	72	>NF1-F2156L LTELSLPKFY	105	33
>NF1-F2156L LTEFSLPK	64	>NF1-F2156L LTELSLPK	144	80
>NF1-F2156L LTEFSLPKFY	68	>NF1-F2156L LTELSLPKFY	85	17
>NF1-F2156L LTEFSLPK	141	>NF1-F2156L LTELSLPK	485	344
>NF1-F2156L LTEFSLPKF	4	>NF1-F2156L LTELSLPKF	5	1
>NF1-F2156L LTEFSLPKFY	9	>NF1-F2156L LTELSLPKFY	10	1
>NF1-F2156L LTEFSLPKFYLL	29	>NF1-F2156L LTELSLPKFYLL	32	3
>NF1-F2156L LTEFSLPKF	275	>NF1-F2156L LTELSLPKF	228	47
>NF1-F2156L LTEFSLPKFYLL	62	>NF1-F2156L LTELSLPKFYLL	46	16
>NF1-F2156L LTEFSLPKF	31	>NF1-F2156L LTELSLPKF	83	52
>NF1-F2156L LTEFSLPKFY	18	>NF1-F2156L LTELSLPKFY	17	1
>NF1-F2156L LTEFSLPKFYLL	126	>NF1-F2156L LTELSLPKFYLL	318	192
>NF1-F2156L LTEFSLPK	346	>NF1-F2156L LTELSLPK	948	602
>NF1-F2156L SLTEFSLPKF	431	>NF1-F2156L SLTELSLPKF	963	532
>NF1-F2156L SLTEFSLPKF	385	>NF1-F2156L SLTELSLPKF	639	254
>NF1-F2156L SLTEFSLPK	52	>NF1-F2156L SLTELSLPK	69	17
>NF1-F2156L SLTEFSLPK	12	>NF1-F2156L SLTELSLPK	22	10
>NF1-F2156L SLTEFSLPKFY	40	>NF1-F2156L SLTELSLPKFY	44	4
>NF1-F2156L SLTEFSLPK	80	>NF1-F2156L SLTELSLPK	225	145
>NF1-F2156L SLTEFSLPKFY	193	>NF1-F2156L SLTELSLPKFY	257	64
>NF1-F2156L SLTEFSLPKFY	9	>NF1-F2156L SLTELSLPKFY	9	0
>NF1-F2156L SLTEFSLPKF	284	>NF1-F2156L SLTELSLPKF	710	426
>NF1-F2156L SLTEFSLPKFY	135	>NF1-F2156L SLTELSLPKFY	281	146
>NF1-F2156L SLTEFSLPKF	221	>NF1-F2156L SLTELSLPKF	541	320
>NF1-F2156L SLTEFSLPKF	123	>NF1-F2156L SLTELSLPKF	174	51
>NF1-F2156L SLTEFSLPK	288	>NF1-F2156L SLTELSLPK	1383	1095
>NF1-F2156L LSLTEFSLPK	52	>NF1-F2156L LSLTELSLPK	54	2
>NF1-F2156L LSLTEFSLPK	15	>NF1-F2156L LSLTELSLPK	18	3
>NF1-F2156L LSLTEFSLPKF	925	>NF1-F2156L LSLTELSLPKF	391	534
>NF1-F2156L LSLTEFSLPK	37	>NF1-F2156L LSLTELSLPK	51	14
>NF1-F2156L LSLTEFSLPK	275	>NF1-F2156L LSLTELSLPK	693	418
>NF1-F2156L LSLTEFSL	254	>NF1-F2156L LSLTELSL	297	43
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>NF1-F2156L LSLTEFSL	44	>NF1-F2156L LSLTELSL	21	23
>NF1-F2156L LSLTEFSLPKF	6	>NF1-F2156L LSLTELSLPKF	5	1
>NF1-F2156L LSLTEFSL	470	>NF1-F2156L LSLTELSL	613	143
>NF1-F2156L LSLTEFSLPKF	87	>NF1-F2156L LSLTELSLPKF	74	13
>NF1-F2156L LSLTEFSLPKF	39	>NF1-F2156L LSLTELSLPKF	50	11

>NF1-F2156L LSLTEFSLPK	222	>NF1-F2156L LSLTELSLPK	713	491
>NF1-F2156L LSLTEFSL	216	>NF1-F2156L LSLTELSL	368	152
>NF1-F2156L RLSLTEFSL	114	>NF1-F2156L RLSLTELSL	956	842
>NF1-F2156L RLSLTEFSL	23	>NF1-F2156L RLSLTELSL	145	122
>NF1-F2156L RLSLTEFSL	469	>NF1-F2156L RLSLTELSL	560	91
>NF1-F2156L RLSLTEFSL	49	>NF1-F2156L RLSLTELSL	326	277
>NF1-F2156L RLSLTEFSL	27	>NF1-F2156L RLSLTELSL	412	385
>NF1-F2156L RLSLTEFSL	35	>NF1-F2156L RLSLTELSL	180	145
>NF1-F2156L RLSLTEFSL	54	>NF1-F2156L RLSLTELSL	993	939
>NF1-F2156L RLSLTEFSL	10	>NF1-F2156L RLSLTELSL	28	18
>NF1-F2156L RLSLTEFSLPK	40	>NF1-F2156L RLSLTELSLPK	40	0
>NF1-F2156L RLSLTEFSLPK	17	>NF1-F2156L RLSLTELSLPK	25	8
>NF1-F2156L RLSLTEFSLPK	19	>NF1-F2156L RLSLTELSLPK	18	1
>NF1-F2156L RLSLTEFSLPK	464	>NF1-F2156L RLSLTELSLPK	1427	963
>NF1-F2156L RLSLTEFSL	168	>NF1-F2156L RLSLTELSL	250	82
>NF1-F2156L RLSLTEFSLPK	305	>NF1-F2156L RLSLTELSLPK	461	156
>NF1-F2156L LRLSLTEF	10	>NF1-F2156L LRLSLTEL	122	112
>NF1-F2156L LRLSLTEFSL	209	>NF1-F2156L LRLSLTELSL	147	62
>NF1-F2156L LRLSLTEF	160	>NF1-F2156L LRLSLTEL	103	57
>NF1-F2156L LRLSLTEFSL	48	>NF1-F2156L LRLSLTELSL	23	25
>NF1-F2156L LRLSLTEFSL	182	>NF1-F2156L LRLSLTELSL	221	39
>NF1-F2156L LRLSLTEF	1644	>NF1-F2156L LRLSLTEL	284	1360
>NF1-F2156L LRLSLTEFSL	1642	>NF1-F2156L LRLSLTELSL	310	1332
>NF1-F2156L LRLSLTEF	380	>NF1-F2156L LRLSLTEL	137	243
>NF1-F2156L LRLSLTEFSL	188	>NF1-F2156L LRLSLTELSL	66	122
>NF1-F2156L VLRLSLTEF	5521	>NF1-F2156L VLRLSLTEL	208	5313
>NF1-F2156L VLRLSLTEFSL	399	>NF1-F2156L VLRLSLTELSL	1025	626
>NF1-F2156L VLRLSLTEF	3383	>NF1-F2156L VLRLSLTEL	33	3350
>NF1-F2156L VLRLSLTEFSL	245	>NF1-F2156L VLRLSLTELSL	277	32
>NF1-F2156L VLRLSLTEFSL	382	>NF1-F2156L VLRLSLTELSL	1073	691
>NF1-F2156L VLRLSLTEFSL	490	>NF1-F2156L VLRLSLTELSL	2513	2023
>NF1-F2156L VLRLSLTEF	6454	>NF1-F2156L VLRLSLTEL	7	6447
>NF1-F2156L VLRLSLTEFSL	7	>NF1-F2156L VLRLSLTELSL	15	8
>NF1-F2156L VLRLSLTEF	101	>NF1-F2156L VLRLSLTEL	2606	2505
>NF1-F2156L VLRLSLTEF	20	>NF1-F2156L VLRLSLTEL	443	423
>NF1-F2156L VLRLSLTEFSL	596	>NF1-F2156L VLRLSLTELSL	394	202
>NF1-F2156L VLRLSLTEF	31	>NF1-F2156L VLRLSLTEL	505	474
>NF1-F2156L VLRLSLTEF	368	>NF1-F2156L VLRLSLTEL	2243	1875
>NF1-F2156L QVLRLSLTEF	11609	>NF1-F2156L QVLRLSLTEL	280	11329
>NF1-F2156L QVLRLSLTEF	11686	>NF1-F2156L QVLRLSLTEL	312	11374
>NF1-F2156L QVLRLSLTEF	483	>NF1-F2156L QVLRLSLTEL	6026	5543
>NF1-F2156L QVLRLSLTEF	419	>NF1-F2156L QVLRLSLTEL	2370	1951
>NF1-F2156L QVLRLSLTEF	111	>NF1-F2156L QVLRLSLTEL	405	294



>NF1-F2156L QVLRLSLTEF	10930	>NF1-F2156L QVLRLSLTEL	230	10700
>NF1-F2156L QVLRLSLTEF	146	>NF1-F2156L QVLRLSLTEL	3568	3422
>NF1-F2156L QVLRLSLTEF	154	>NF1-F2156L QVLRLSLTEL	1648	1494
>NF1-G1863, GSSDPSLR	167	>NF1-G1863, ASSDPSLR	109	58
>NF1-G1863, GSSDPSLR	623	>NF1-G1863, ASSDPSLR	294	329
>NF1-G1863, GSSDPSLR	235	>NF1-G1863, ASSDPSLR	190	45
>NF1-G1863, GSSDPSLR	517	>NF1-G1863, ASSDPSLR	257	260
>NF1-G1863, LGSSDPSLR	898	>NF1-G1863, LASSDPSLR	31	867
>NF1-G1863, LGSSDPSL	8826	>NF1-G1863, LASSDPSL	413	8413
>NF1-G1863, LGSSDPSL	3133	>NF1-G1863, LASSDPSL	339	2794
>NF1-G1863, TLLNIALLNLG	13228	>NF1-G1863, TLLNIALLNLA	85	13143
>NF1-G1863, TLLNIALLNLG	1995	>NF1-G1863, TLLNIALLNLA	90	1905
>NF1-G1863, TLLNIALLNLG	8631	>NF1-G1863, TLLNIALLNLA	88	8543
>NF1-G1863, TLLNIALLNLG	6633	>NF1-G1863, TLLNIALLNLA	87	6546
>NF1-G1863, TLLNIALLNLG	5952	>NF1-G1863, TLLNIALLNLA	90	5862
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>NF1-G1863, NLGSSDPSL	1344	>NF1-G1863, NLASSDPSL	156	1188
>NF1-G1863, NLGSSDPSL	393	>NF1-G1863, NLASSDPSL	24	369
>NF1-G1863, NLGSSDPSL	2039	>NF1-G1863, NLASSDPSL	125	1914
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>NF1-G1863, NLGSSDPSL	371	>NF1-G1863, NLASSDPSL	313	58
>NF1-G1863, NLGSSDPSL	238	>NF1-G1863, NLASSDPSL	272	34
>NF1-G1863, NLGSSDPSL	114	>NF1-G1863, NLASSDPSL	40	74
>NF1-G1863, NLGSSDPSL	237	>NF1-G1863, NLASSDPSL	77	160
>NF1-G1863, NLGSSDPSL	30	>NF1-G1863, NLASSDPSL	18	12
>NF1-G1863, NLGSSDPSLR	217	>NF1-G1863, NLASSDPSLR	17	200
>NF1-G1863, LLNLGSSDPSI	444	>NF1-G1863, LLNLASSDPSI	455	11
>NF1-G1863, LLNLGSSDPSI	61	>NF1-G1863, LLNLASSDPSI	35	26
>NF1-G1863, LLNLGSSDPSI	48	>NF1-G1863, LLNLASSDPSI	60	12
>NF1-G1863, LLNLGSSDPSI	97	>NF1-G1863, LLNLASSDPSI	143	46
>NF1-G1863, LLNLGSSDPSI	91	>NF1-G1863, LLNLASSDPSI	118	27
>NF1-G1863, LLNLGSSDPSI	51	>NF1-G1863, LLNLASSDPSI	63	12
>NF1-G1863, LLNLGSSDPSI	55	>NF1-G1863, LLNLASSDPSI	55	0
>NF1-G1863, LLNLGSSDPSI	6	>NF1-G1863, LLNLASSDPSI	9	3
>NF1-G1863, LLNLGSSDPSI	339	>NF1-G1863, LLNLASSDPSI	320	19
>NF1-G1863, ALLNLGSS	536	>NF1-G1863, ALLNLASS	221	315
>NF1-G1863, ALLNLGSS	1669	>NF1-G1863, ALLNLASS	261	1408
>NF1-G1863, NIALLNLG	5599	>NF1-G1863, NIALLNLA	202	5397
>NF1-G1863, NIALLNLG	14472	>NF1-G1863, NIALLNLA	403	14069
>NF1-G1863, NIALLNLG	6540	>NF1-G1863, NIALLNLA	133	6407

>NF1-G1863/LLNIALNLG	3232	>NF1-G1863/LLNIALNLA	96	3136
>NF1-G1863/LLNIALNLG	5488	>NF1-G1863/LLNIALNLA	111	5377
>NF1-G1863/LLNIALNLG	9803	>NF1-G1863/LLNIALNLA	371	9432
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>NF1-G1863/LLNIALNLG	13537	>NF1-G1863/LLNIALNLA	283	13254
>NF1-G1863/LLNIALNLG	8911	>NF1-G1863/LLNIALNLA	14	8897
>NF1-G2745IGIDEETSEESL	232	>NF1-G2745IRIDEETSEESL	307	75
>NF1-G2745IGIDEETSEESL	702	>NF1-G2745IRIDEETSEESL	225	477
>NF1-G2745IGIDEETSEESL	177	>NF1-G2745IRIDEETSEESL	88	89
>NF1-G2745IGIDEETSEESL	264	>NF1-G2745IRIDEETSEESL	549	285
>NF1-G2745IGIDEETSEESL	313	>NF1-G2745IRIDEETSEESL	612	299
>NF1-G2745IGIDEETSEESL	221	>NF1-G2745IRIDEETSEESL	326	105
>NF1-G2745IYLPGIDEET	30	>NF1-G2745IYLPRIDEET	139	109
>NF1-G2745IYLPGIDEET	46	>NF1-G2745IYLPRIDEET	166	120
>NF1-G2745IYLPGIDEETS	263	>NF1-G2745IYLPRIDEETS	776	513
>NF1-G2745IYLPGIDEET	90	>NF1-G2745IYLPRIDEET	317	227
>NF1-G2745IYLPGIDEE	471	>NF1-G2745IYLPRIDEE	1935	1464
>NF1-G2745IYLPGIDEET	10	>NF1-G2745IYLPRIDEET	33	23
>NF1-G2745IYLPGIDEETS	69	>NF1-G2745IYLPRIDEETS	286	217
>NF1-G2745IYLPGIDEETSE	338	>NF1-G2745IYLPRIDEETSE	1305	967
>NF1-G2745ITYLPGIDEE	250	>NF1-G2745ITYLPRIDEE	354	104
>NF1-G2745ITYLPGIDEET	166	>NF1-G2745ITYLPRIDEET	240	74
>NF1-G2745IDTYLPGIDEET	804	>NF1-G2745IDTYLPRIDEET	469	335
>NF1-G2745IIDTYLPGI	105	>NF1-G2745IIDTYLPRI	430	325
>NF1-G2745IIDTYLPGI	244	>NF1-G2745IIDTYLPRI	370	126
>NF1-G2745ILIDTYLPGI	25	>NF1-G2745ILIDTYLPRI	35	10
>NF1-G2745ILIDTYLPGI	474	>NF1-G2745ILIDTYLPRI	778	304
>NF1-G2745ILIDTYLPGI	450	>NF1-G2745ILIDTYLPRI	1292	842
>NF1-G2745ILIDTYLPGI	13	>NF1-G2745ILIDTYLPRI	55	42
>NF1-G2745ILIDTYLPGI	24	>NF1-G2745ILIDTYLPRI	39	15
>NF1-G2745ILIDTYLPGI	275	>NF1-G2745ILIDTYLPRI	1511	1236
>NF1-G2745ILIDTYLPGI	262	>NF1-G2745ILIDTYLPRI	869	607
>NF1-G2745ILIDTYLPGI	234	>NF1-G2745ILIDTYLPRI	1235	1001
>NF1-G2745ILIDTYLPGI	138	>NF1-G2745ILIDTYLPRI	124	14
>NF1-G2745ILIDTYLPGI	140	>NF1-G2745ILIDTYLPRI	731	591
>NF1-G2745ILIDTYLPG	35424	>NF1-G2745ILIDTYLPR	229	35195
>NF1-G2745IALIDTYLPGI	19	>NF1-G2745IALIDTYLPRI	38	19
>NF1-G2745IALIDTYLPG	476	>NF1-G2745IALIDTYLPR	2031	1555
>NF1-G2745IALIDTYLPGI	20	>NF1-G2745IALIDTYLPRI	26	6
>NF1-G2745IALIDTYLPGI	19	>NF1-G2745IALIDTYLPRI	44	25
>NF1-G2745IALIDTYLPGI	34	>NF1-G2745IALIDTYLPRI	60	26
>NF1-G2745IALIDTYLPGI	3	>NF1-G2745IALIDTYLPRI	4	1
>NF1-G2745IALIDTYLPGI	5	>NF1-G2745IALIDTYLPRI	9	4

>NF1-G2745IALIDTYLPGI	12	>NF1-G2745IALIDTYLPRI	17	5
>NF1-G2745IALIDTYLPGI	35	>NF1-G2745IALIDTYLPRI	89	54
>NF1-G2745IALIDTYLPGI	3	>NF1-G2745IALIDTYLPRI	3	0
>NF1-G2745IALIDTYLPG	18050	>NF1-G2745IALIDTYLPR	50	18000
>NF1-G2745IALIDTYLPG	19297	>NF1-G2745IALIDTYLPR	42	19255
>NF1-G2745IALIDTYLPGI	376	>NF1-G2745IALIDTYLPRI	1077	701
>NF1-G2745IALIDTYLPG	484	>NF1-G2745IALIDTYLPR	6436	5952
>NF1-G2745IALIDTYLPG	32999	>NF1-G2745IALIDTYLPR	128	32871
>NF1-G2745IDALIDTYLPG	15247	>NF1-G2745IDALIDTYLPR	49	15198
>NF1-G2745IDALIDTYLPG	34395	>NF1-G2745IDALIDTYLPR	83	34312
>NF1-G2745IDALIDTYLPGI	26	>NF1-G2745IDALIDTYLPRI	73	47
>NF1-G2745IDALIDTYLPG	35287	>NF1-G2745IDALIDTYLPR	277	35010
>NF1-G922V·GLELSPALY	379	>NF1-G922V·VLELSPALY	136	243
>NF1-G922V·GLELSPAL	261	>NF1-G922V·VLELSPAL	322	61
>NF1-G922V·GLELSPALYPM	316	>NF1-G922V·VLELSPALYPM	436	120
>NF1-G922V·GLELSPAL	635	>NF1-G922V·VLELSPAL	263	372
>NF1-G922V·GLELSPAL	109	>NF1-G922V·VLELSPAL	205	96
>NF1-G922V·GLELSPALYPM	175	>NF1-G922V·VLELSPALYPM	330	155
>NF1-G922V·GLELSPAL	48	>NF1-G922V·VLELSPAL	27	21
>NF1-G922V·GLELSPALYPM	1282	>NF1-G922V·VLELSPALYPM	450	832
>NF1-G922V·GLELSPALY	94	>NF1-G922V·VLELSPALY	147	53
>NF1-G922V·GLELSPALY	910	>NF1-G922V·VLELSPALY	376	534
>NF1-G922V·GLELSPALY	5346	>NF1-G922V·VLELSPALY	472	4874
>NF1-G922V·GLELSPALY	206	>NF1-G922V·VLELSPALY	450	244
>NF1-G922V·VGLELSPAL	391	>NF1-G922V·VVLELSPAL	124	267
>NF1-G922V·VGLELSPA	14882	>NF1-G922V·VVLELSPA	332	14550
>NF1-G922V·VGLELSPAL	9187	>NF1-G922V·VVLELSPAL	62	9125
>NF1-G922V·VGLELSPA	10558	>NF1-G922V·VVLELSPA	256	10302
>NF1-G922V·VGLELSPA	1384	>NF1-G922V·VVLELSPA	15	1369
>NF1-G922V·VGLELSPAL	446	>NF1-G922V·VVLELSPAL	7	439
>NF1-G922V·VGLELSPA	5508	>NF1-G922V·VVLELSPA	124	5384
>NF1-G922V·VGLELSPAL	985	>NF1-G922V·VVLELSPAL	14	971
>NF1-G922V·VGLELSPAL	8701	>NF1-G922V·VVLELSPAL	57	8644
>NF1-G922V·VGLELSPA	6568	>NF1-G922V·VVLELSPA	291	6277
>NF1-G922V·VGLELSPAL	1623	>NF1-G922V·VVLELSPAL	26	1597
>NF1-G922V·VGLELSPAL	9735	>NF1-G922V·VVLELSPAL	30	9705
>NF1-G922V·VGLELSPAL	12570	>NF1-G922V·VVLELSPAL	73	12497
>NF1-G922V·VGLELSPALY	754	>NF1-G922V·VVLELSPALY	352	402
>NF1-G922V·VGLELSPALY	273	>NF1-G922V·VVLELSPALY	138	135
>NF1-G922V·VGLELSPAL	16724	>NF1-G922V·VVLELSPAL	349	16375
>NF1-G922V·VGLELSPA	10385	>NF1-G922V·VVLELSPA	312	10073
>NF1-G922V·VGLELSPAL	3467	>NF1-G922V·VVLELSPAL	31	3436
>NF1-G922V·VGLELSPALY	1128	>NF1-G922V·VVLELSPALY	20	1108

>NF1-G922V·VGLELSPALY	193	>NF1-G922V·VVLELSPALY	38	155
>NF1-G922V·VGLELSPAL	1075	>NF1-G922V·VVLELSPAL	366	709
>NF1-G922V·VGLELSPALY	221	>NF1-G922V·VVLELSPALY	224	3
>NF1-G922V·QIRTNVKDLV	2464	>NF1-G922V·QIRTNVKDLV	428	2036
>NF1-G922V·LVGLELSPA	441	>NF1-G922V·LVVLELSPA	79	362
>NF1-G922V·LVGLELSPA	923	>NF1-G922V·LVVLELSPA	60	863
>NF1-G922V·LVGLELSPAL	241	>NF1-G922V·LVVLELSPAL	79	162
>NF1-G922V·LVGLELSPAL	5956	>NF1-G922V·LVVLELSPAL	274	5682
>NF1-G922V·LVGLELSPALY	850	>NF1-G922V·LVVLELSPALY	42	808
>NF1-G922V·LVGLELSPALY	33	>NF1-G922V·LVVLELSPALY	23	10
>NF1-G922V·LVGLELSPALY	391	>NF1-G922V·LVVLELSPALY	415	24
>NF1-G922V·LVGLELSPALY	137	>NF1-G922V·LVVLELSPALY	556	419
>NF1-G922V·LVGLELSPALY	1265	>NF1-G922V·LVVLELSPALY	58	1207
>NF1-G922V·LVGLELSPALY	2164	>NF1-G922V·LVVLELSPALY	314	1850
>NF1-G922V·LVGLELSPALY	479	>NF1-G922V·LVVLELSPALY	123	356
>NF1-G922V·DLVGLELSPA	299	>NF1-G922V·DLVVLELSPA	724	425
>NF1-G922V·DLVGLELSPA	116	>NF1-G922V·DLVVLELSPA	235	119
>NF1-G922V·DLVGLELSPA	383	>NF1-G922V·DLVVLELSPA	682	299
>NF1-G922V·DLVGLELSPA	496	>NF1-G922V·DLVVLELSPA	1594	1098
>NF1-G922V·DLVGLELSPA	473	>NF1-G922V·DLVVLELSPA	1290	817
>NF1-G922V·DLVGLELSPA	109	>NF1-G922V·DLVVLELSPA	603	494
>NF1-G922V·KDLVGLEL	228	>NF1-G922V·KDLVVLEL	172	56
>NF1-G922V·KDLVGLELSP	507	>NF1-G922V·KDLVVLELSP	488	19
>NF1-G922V·KDLVGLEL	1002	>NF1-G922V·KDLVVLEL	457	545
>NF1-G922V·NVKDLVGL	313	>NF1-G922V·NVKDLVVL	817	504
>NF1-G922V·NVKDLVGL	320	>NF1-G922V·NVKDLVVL	771	451
>NF1-G922V·RTNVKDLVG	2142	>NF1-G922V·RTNVKDLVV	328	1814
>NF1-G922V·RTNVKDLVGI	164	>NF1-G922V·RTNVKDLVVL	108	56
>NF1-G922V·RTNVKDLVG	3257	>NF1-G922V·RTNVKDLVV	49	3208
>NF1-G922V·RTNVKDLVGI	6	>NF1-G922V·RTNVKDLVVL	9	3
>NF1-G922V·RTNVKDLVGI	808	>NF1-G922V·RTNVKDLVVL	186	622
>NF1-G922V·RTNVKDLVGI	121	>NF1-G922V·RTNVKDLVVL	81	40
>NF1-G922V·IRTNVKDLVG	197	>NF1-G922V·IRTNVKDLVV	353	156
>NF1-G922V·IRTNVKDLVG	668	>NF1-G922V·IRTNVKDLVV	407	261
>NF1-G922V·IRTNVKDLVG	43	>NF1-G922V·IRTNVKDLVV	65	22
>NF1-H712R·HLCEEADI	437	>NF1-H712R·RLCEEADI	603	166
>NF1-H712R·HLCEEADI	873	>NF1-H712R·RLCEEADI	352	521
>NF1-H712R·HLCEEADI	203	>NF1-H712R·RLCEEADI	51	152
>NF1-H712R·HLCEEADIRC	589	>NF1-H712R·RLCEEADIRC	152	437
>NF1-H712R·HLCEEADI	89	>NF1-H712R·RLCEEADI	90	1
>NF1-H712R·HLCEEADIRC	409	>NF1-H712R·RLCEEADIRC	389	20
>NF1-H712R·HLCEEADI	4188	>NF1-H712R·RLCEEADI	371	3817
>NF1-H712R·HLCEEADIR	332	>NF1-H712R·RLCEEADIR	4232	3900

>NF1-H712R·HLCEEADIR	212	>NF1-H712R·RLCEEADIR	214	2
>NF1-H712R·RHLCEEADI	887	>NF1-H712R·RRLCEEADI	234	653
>NF1-H712R·RHLCEEADI	17357	>NF1-H712R·RRLCEEADI	250	17107
>NF1-H712R·RHLCEEADIR	7461	>NF1-H712R·RRLCEEADIR	90	7371
>NF1-H712R·RHLCEEADI	11927	>NF1-H712R·RRLCEEADI	274	11653
>NF1-H712R·RHLCEEADIR	18907	>NF1-H712R·RRLCEEADIR	263	18644
>NF1-H712R·RHLCEEADI	306	>NF1-H712R·RRLCEEADI	1380	1074
>NF1-H712R·RHLCEEADIR	203	>NF1-H712R·RRLCEEADIR	217	14
>NF1-H712R·AVLVAMSCFI	630	>NF1-H712R·AVLVAMSCFI	62	568
>NF1-H712R·AVLVAMSCFI	2789	>NF1-H712R·AVLVAMSCFI	19	2770
>NF1-H712R·AVLVAMSCFI	20110	>NF1-H712R·AVLVAMSCFI	146	19964
>NF1-H712R·AVLVAMSCFI	643	>NF1-H712R·AVLVAMSCFI	164	479
>NF1-H712R·FRHLCEEADI	293	>NF1-H712R·FRRLCEEADI	191	102
>NF1-H712R·FRHLCEEADI	1040	>NF1-H712R·FRRLCEEADI	476	564
>NF1-H712R·AMSCFRHL	305	>NF1-H712R·AMSCFRRL	296	9
>NF1-H712R·AMSCFRHL	261	>NF1-H712R·AMSCFRRL	533	272
>NF1-H712R·AMSCFRHL	14	>NF1-H712R·AMSCFRRL	27	13
>NF1-H712R·AMSCFRHL	38	>NF1-H712R·AMSCFRRL	63	25
>NF1-H712R·AMSCFRHL	284	>NF1-H712R·AMSCFRRL	1560	1276
>NF1-H712R·AMSCFRHL	58	>NF1-H712R·AMSCFRRL	65	7
>NF1-H712R·AMSCFRHLC	368	>NF1-H712R·AMSCFRRLC	2287	1919
>NF1-H712R·AMSCFRHL	59	>NF1-H712R·AMSCFRRL	425	366
>NF1-H712R·AMSCFRHL	348	>NF1-H712R·AMSCFRRL	2260	1912
>NF1-H712R·AMSCFRHL	29	>NF1-H712R·AMSCFRRL	41	12
>NF1-H712R·AMSCFRHLC	71	>NF1-H712R·AMSCFRRLC	5707	5636
>NF1-H712R·AMSCFRHL	315	>NF1-H712R·AMSCFRRL	1453	1138
>NF1-H712R·AMSCFRHL	59	>NF1-H712R·AMSCFRRL	148	89
>NF1-H712R·VAMSCFRHL	54	>NF1-H712R·VAMSCFRRL	44	10
>NF1-H712R·VAMSCFRHL	382	>NF1-H712R·VAMSCFRRL	1898	1516
>NF1-H712R·VAMSCFRH	1961	>NF1-H712R·VAMSCFRRL	171	1790
>NF1-H712R·VAMSCFRH	4040	>NF1-H712R·VAMSCFRRL	18	4022
>NF1-H712R·VAMSCFRH	18850	>NF1-H712R·VAMSCFRRL	131	18719
>NF1-H712R·VAMSCFRH	7363	>NF1-H712R·VAMSCFRRL	36	7327
>NF1-H712R·VAMSCFRHL	238	>NF1-H712R·VAMSCFRRL	660	422
>NF1-H712R·VAMSCFRHL	1322	>NF1-H712R·VAMSCFRRL	258	1064
>NF1-H712R·VAMSCFRH	3054	>NF1-H712R·VAMSCFRRL	425	2629
>NF1-H712R·VAMSCFRH	29928	>NF1-H712R·VAMSCFRRL	464	29464
>NF1-H712R·LVAMSCFRHI	390	>NF1-H712R·LVAMSCFRRL	635	245
>NF1-H712R·LVAMSCFRHI	688	>NF1-H712R·LVAMSCFRRL	429	259
>NF1-H712R·LVAMSCFRH	2196	>NF1-H712R·LVAMSCFRRL	158	2038
>NF1-H712R·LVAMSCFRH	5005	>NF1-H712R·LVAMSCFRRL	29	4976
>NF1-H712R·LVAMSCFRH	22833	>NF1-H712R·LVAMSCFRRL	164	22669
>NF1-H712R·LVAMSCFRH	1090	>NF1-H712R·LVAMSCFRRL	7	1083

>NF1-H712R·VLVAMSCFRF	435	>NF1-H712R·VLVAMSCFRF	423	12
>NF1-H712R·VLVAMSCFRF	78	>NF1-H712R·VLVAMSCFRF	115	37
>NF1-H712R·VLVAMSCFRF	89	>NF1-H712R·VLVAMSCFRF	116	27
>NF1-H712R·VLVAMSCFRF	116	>NF1-H712R·VLVAMSCFRF	490	374
>NF1-H712R·VLVAMSCFRF	70	>NF1-H712R·VLVAMSCFRF	49	21
>NF1-H712R·VLVAMSCFRF	139	>NF1-H712R·VLVAMSCFRF	363	224
>NF1-H712R·VLVAMSCFRF	156	>NF1-H712R·VLVAMSCFRF	437	281
>NF1-H712R·VLVAMSCFRF	10	>NF1-H712R·VLVAMSCFRF	7	3
>NF1-H712R·VLVAMSCFRF	10116	>NF1-H712R·VLVAMSCFRF	268	9848
>NF1-H712R·VLVAMSCFRF	4073	>NF1-H712R·VLVAMSCFRF	46	4027
>NF1-H712R·VLVAMSCFRF	12042	>NF1-H712R·VLVAMSCFRF	232	11810
>NF1-H712R·VLVAMSCFRF	15322	>NF1-H712R·VLVAMSCFRF	128	15194
>NF1-H712R·VLVAMSCFRF	468	>NF1-H712R·VLVAMSCFRF	1993	1525
>NF1-H712R·VLVAMSCFRF	20164	>NF1-H712R·VLVAMSCFRF	185	19979
>NF1-H712R·VLVAMSCFRF	26627	>NF1-H712R·VLVAMSCFRF	250	26377
>NF1-H809Y·LHKTIVKR	1064	>NF1-H809Y·LYKTIVKR	14	1050
>NF1-H809Y·LHKTIVKRR	2992	>NF1-H809Y·LYKTIVKRR	31	2961
>NF1-H809Y·LHKTIVKR	10144	>NF1-H809Y·LYKTIVKR	119	10025
>NF1-H809Y·LHKTIVKRR	16061	>NF1-H809Y·LYKTIVKRR	399	15662
>NF1-H809Y·LHKTIVKR	592	>NF1-H809Y·LYKTIVKR	42	550
>NF1-H809Y·LHKTIVKRR	1145	>NF1-H809Y·LYKTIVKRR	50	1095
>NF1-H809Y·MEDGQAAES	7235	>NF1-H809Y·MEDGQAAES	180	7055
>NF1-H809Y·MEDGQAAES	4086	>NF1-H809Y·MEDGQAAES	231	3855
>NF1-H809Y·SLHKTIVKRRM	5601	>NF1-H809Y·SLYKTIVKRRM	453	5148
>NF1-H809Y·SLHKTIVKRRM	156	>NF1-H809Y·SLYKTIVKRRM	19	137
>NF1-H809Y·SLHKTIVKRRM	1764	>NF1-H809Y·SLYKTIVKRRM	137	1627
>NF1-H809Y·SLHKTIVKRRM	418	>NF1-H809Y·SLYKTIVKRRM	95	323
>NF1-H809Y·SLHKTIVK	53	>NF1-H809Y·SLYKTIVK	27	26
>NF1-H809Y·SLHKTIVKR	491	>NF1-H809Y·SLYKTIVKR	61	430
>NF1-H809Y·SLHKTIVK	53	>NF1-H809Y·SLYKTIVK	16	37
>NF1-H809Y·SLHKTIVKR	2016	>NF1-H809Y·SLYKTIVKR	235	1781
>NF1-H809Y·SLHKTIVK	13	>NF1-H809Y·SLYKTIVK	122	109
>NF1-H809Y·SLHKTIVKR	31	>NF1-H809Y·SLYKTIVKR	19	12
>NF1-H809Y·SLHKTIVKRR	143	>NF1-H809Y·SLYKTIVKRR	33	110
>NF1-H809Y·SLHKTIVK	1042	>NF1-H809Y·SLYKTIVK	341	701
>NF1-H809Y·SLHKTIVKR	139	>NF1-H809Y·SLYKTIVKR	50	89
>NF1-H809Y·SLHKTIVKRR	3333	>NF1-H809Y·SLYKTIVKRR	427	2906
>NF1-H809Y·SLHKTIVKRRM	2077	>NF1-H809Y·SLYKTIVKRRM	483	1594
>NF1-H809Y·SLHKTIVKRR	790	>NF1-H809Y·SLYKTIVKRR	400	390
>NF1-H809Y·SLHKTIVKR	78	>NF1-H809Y·SLYKTIVKR	50	28
>NF1-H809Y·SLHKTIVKRR	133	>NF1-H809Y·SLYKTIVKRR	64	69
>NF1-H809Y·ESLHKTIVK	652	>NF1-H809Y·ESLYKTIVK	428	224
>NF1-H809Y·ESLHKTIVKR	272	>NF1-H809Y·ESLYKTIVKR	229	43

>NF1-H809Y-ESLHKTIVKR	791	>NF1-H809Y-ESLYKTIVKR	379	412
>NF1-H809Y-ESLHKTIVKRF	417	>NF1-H809Y-ESLYKTIVKRR	292	125
>NF1-H809Y-ESLHKTIVK	283	>NF1-H809Y-ESLYKTIVK	73	210
>NF1-H809Y-ESLHKTIVKR	180	>NF1-H809Y-ESLYKTIVKR	49	131
>NF1-H809Y-ESLHKTIVKRF	65	>NF1-H809Y-ESLYKTIVKRR	26	39
>NF1-H809Y-ESLHKTIV	455	>NF1-H809Y-ESLYKTIV	290	165
>NF1-H809Y-ESLHKTIV	207	>NF1-H809Y-ESLYKTIV	159	48
>NF1-H809Y-ESLHKTIVKR	219	>NF1-H809Y-ESLYKTIVKR	362	143
>NF1-H809Y-ESLHKTIVKRF	473	>NF1-H809Y-ESLYKTIVKRR	682	209
>NF1-H809Y-AESLHKTI	11	>NF1-H809Y-AESLYKTI	9	2
>NF1-H809Y-AESLHKTIV	783	>NF1-H809Y-AESLYKTIV	170	613
>NF1-H809Y-AESLHKTI	101	>NF1-H809Y-AESLYKTI	79	22
>NF1-H809Y-AESLHKTIV	292	>NF1-H809Y-AESLYKTIV	200	92
>NF1-H809Y-AESLHKTI	228	>NF1-H809Y-AESLYKTI	162	66
>NF1-H809Y-AESLHKTIV	416	>NF1-H809Y-AESLYKTIV	213	203
>NF1-H809Y-AESLHKTI	1037	>NF1-H809Y-AESLYKTI	466	571
>NF1-H809Y-AESLHKTI	127	>NF1-H809Y-AESLYKTI	83	44
>NF1-H809Y-AESLHKTIV	58	>NF1-H809Y-AESLYKTIV	37	21
>NF1-H809Y-AESLHKTI	231	>NF1-H809Y-AESLYKTI	268	37
>NF1-H809Y-AESLHKTIV	15	>NF1-H809Y-AESLYKTIV	28	13
>NF1-H809Y-AAESLHKTIV	556	>NF1-H809Y-AAESLYKTIVK	395	161
>NF1-H809Y-AAESLHKTI	258	>NF1-H809Y-AAESLYKTI	89	169
>NF1-H809Y-QAAESLHKTI	402	>NF1-H809Y-QAAESLYKTI	524	122
>NF1-H809Y-QAAESLHKTI	385	>NF1-H809Y-QAAESLYKTI	336	49
>NF1-H809Y-QAAESLHK	1130	>NF1-H809Y-QAAESLYK	430	700
>NF1-H809Y-QAAESLHK	265	>NF1-H809Y-QAAESLYK	47	218
>NF1-H809Y-QAAESLHK	90	>NF1-H809Y-QAAESLYK	28	62
>NF1-H809Y-QAAESLHKTI	123	>NF1-H809Y-QAAESLYKTI	87	36
>NF1-H809Y-QAAESLHKTI	246	>NF1-H809Y-QAAESLYKTI	252	6
>NF1-H809Y-QAAESLHKTI	109	>NF1-H809Y-QAAESLYKTI	109	0
>NF1-H809Y-QAAESLHKTI	251	>NF1-H809Y-QAAESLYKTI	512	261
>NF1-H809Y-QAAESLHK	309	>NF1-H809Y-QAAESLYK	277	32
>NF1-H809Y-QAAESLHKTI	309	>NF1-H809Y-QAAESLYKTI	221	88
>NF1-H809Y-GQAAESLHKTI	983	>NF1-H809Y-GQAAESLYKT	385	598
>NF1-H809Y-GQAAESLHKTI	429	>NF1-H809Y-GQAAESLYKT	190	239
>NF1-H809Y-GQAAESLHK	257	>NF1-H809Y-GQAAESLYK	96	161
>NF1-H809Y-GQAAESLHK	97	>NF1-H809Y-GQAAESLYK	18	79
>NF1-H809Y-GQAAESLH	14353	>NF1-H809Y-GQAAESLY	176	14177
>NF1-H809Y-GQAAESLH	15337	>NF1-H809Y-GQAAESLY	135	15202
>NF1-H809Y-GQAAESLH	3604	>NF1-H809Y-GQAAESLY	81	3523
>NF1-H809Y-GQAAESLH	9367	>NF1-H809Y-GQAAESLY	303	9064
>NF1-H809Y-GQAAESLH	3557	>NF1-H809Y-GQAAESLY	90	3467
>NF1-H809Y-GQAAESLHKTI	260	>NF1-H809Y-GQAAESLYKT	217	43

>NF1-H809Y-GQAAESLH	21861	>NF1-H809Y-GQAAESLY	461	21400
>NF1-I23L-wiVVSRFDEQLP	864	>NF1-I23L-mVVSRFDEQLP	339	525
>NF1-I23L-wiVVSRFDEQLP	1400	>NF1-I23L-mVVSRFDEQLP	423	977
>NF1-I23L-wiLPIKTGQQNT	107	>NF1-I23L-mLPLKTGQQNT	171	64
>NF1-I23L-wiRFDEQLPIK	616	>NF1-I23L-mRFDEQLPLK	351	265
>NF1-I23L-wiSRFDEQLPI	159	>NF1-I23L-mSRFDEQLPL	97	62
>NF1-I23L-wiSRFDEQLPI	57	>NF1-I23L-mSRFDEQLPL	41	16
>NF1-I23L-wiSRFDEQLPIK	64	>NF1-I23L-mSRFDEQLPLK	63	1
>NF1-I23L-wiSRFDEQLPI	293	>NF1-I23L-mSRFDEQLPL	30	263
>NF1-I23L-wiSRFDEQLPI	804	>NF1-I23L-mSRFDEQLPL	129	675
>NF1-I23L-wiVSRFDEQLPI	141	>NF1-I23L-mVSRFDEQLPL	352	211
>NF1-I23L-wiVSRFDEQLPI	15	>NF1-I23L-mVSRFDEQLPL	12	3
>NF1-I23L-wiVSRFDEQLPI	54	>NF1-I23L-mVSRFDEQLPL	14	40
>NF1-I23L-wiVSRFDEQLPI	1099	>NF1-I23L-mVSRFDEQLPL	433	666
>NF1-I23L-wiVSRFDEQLPI	469	>NF1-I23L-mVSRFDEQLPL	4040	3571
>NF1-I526S-vITGLVQLV	261	>NF1-I526S-rSTGLVQLV	211	50
>NF1-I526S-vITGLVQLV	707	>NF1-I526S-rSTGLVQLV	113	594
>NF1-I526S-vITGLVQLV	765	>NF1-I526S-rSTGLVQLV	167	598
>NF1-I526S-vITGLVQLV	3120	>NF1-I526S-rSTGLVQLV	386	2734
>NF1-I526S-vLITGLVQLV	198	>NF1-I526S-rLSTGLVQLV	6711	6513
>NF1-I526S-vLITGLVQL	99	>NF1-I526S-rLSTGLVQL	1142	1043
>NF1-I526S-vLITGLVQLV	35	>NF1-I526S-rLSTGLVQLV	357	322
>NF1-I526S-vLITGLVQLV	30	>NF1-I526S-rLSTGLVQLV	1902	1872
>NF1-I526S-vLITGLVQL	357	>NF1-I526S-rLSTGLVQL	4988	4631
>NF1-I526S-vLITGLVQLV	55	>NF1-I526S-rLSTGLVQLV	1196	1141
>NF1-I526S-vLITGLVQL	235	>NF1-I526S-rLSTGLVQL	9498	9263
>NF1-I526S-vLITGLVQLV	15	>NF1-I526S-rLSTGLVQLV	1554	1539
>NF1-I526S-vLITGLVQL	434	>NF1-I526S-rLSTGLVQL	14425	13991
>NF1-I526S-vLITGLVQLV	20	>NF1-I526S-rLSTGLVQLV	2771	2751
>NF1-I526S-vLITGLVQLV	129	>NF1-I526S-rLSTGLVQLV	13743	13614
>NF1-I526S-vLITGLVQL	6	>NF1-I526S-rLSTGLVQL	6408	6402
>NF1-I526S-vLITGLVQLV	2	>NF1-I526S-rLSTGLVQLV	356	354
>NF1-I526S-vLITGLVQLV	244	>NF1-I526S-rLSTGLVQLV	246	2
>NF1-I526S-vLITGLVQL	4819	>NF1-I526S-rLSTGLVQL	17	4802
>NF1-I526S-vLITGLVQL	8093	>NF1-I526S-rLSTGLVQL	311	7782
>NF1-I526S-vLITGLVQLV	3578	>NF1-I526S-rLSTGLVQLV	70	3508
>NF1-I526S-vLITGLVQL	11297	>NF1-I526S-rLSTGLVQL	386	10911
>NF1-I526S-vLITGLVQLV	4075	>NF1-I526S-rLSTGLVQLV	330	3745
>NF1-I526S-vPETQGSTAEL	40	>NF1-I526S-rPETQGSTAEL	18193	18153
>NF1-I526S-vPETQGSTAEL	437	>NF1-I526S-rPETQGSTAEL	16179	15742
>NF1-I526S-vPETQGSTAEL	125	>NF1-I526S-rPETQGSTAEL	17497	17372
>NF1-I526S-vELITGLVQLV	461	>NF1-I526S-rELSTGLVQLV	1076	615
>NF1-I526S-vELITGLVQL	108	>NF1-I526S-rELSTGLVQL	64	44



>NF1-I526S-v ELITGLVQLV	139	>NF1-I526S-r ELSTGLVQLV	86	53
>NF1-I526S-v ELITGLVQL	380	>NF1-I526S-r ELSTGLVQL	508	128
>NF1-I526S-v ELITGLVQLV	84	>NF1-I526S-r ELSTGLVQLV	111	27
>NF1-I526S-v ELITGLVQL	384	>NF1-I526S-r ELSTGLVQL	1568	1184
>NF1-I526S-v ELITGLVQL	114	>NF1-I526S-r ELSTGLVQL	312	198
>NF1-I526S-v ELITGLVQLV	10	>NF1-I526S-r ELSTGLVQLV	20	10
>NF1-I526S-v ELITGLVQL	319	>NF1-I526S-r ELSTGLVQL	1257	938
>NF1-I526S-v ELITGLVQLV	29	>NF1-I526S-r ELSTGLVQLV	108	79
>NF1-I526S-v ELITGLVQL	301	>NF1-I526S-r ELSTGLVQL	194	107
>NF1-I526S-v ELITGLVQLV	22	>NF1-I526S-r ELSTGLVQLV	18	4
>NF1-I526S-v ELITGLVQL	106	>NF1-I526S-r ELSTGLVQL	33	73
>NF1-I526S-v ELITGLVQLV	22	>NF1-I526S-r ELSTGLVQLV	7	15
>NF1-I526S-v ELITGLVQL	8	>NF1-I526S-r ELSTGLVQL	7	1
>NF1-I526S-v ELITGLVQLV	3	>NF1-I526S-r ELSTGLVQLV	3	0
>NF1-I526S-v ELITGLVQL	18	>NF1-I526S-r ELSTGLVQL	1699	1681
>NF1-I526S-v ELITGLVQL	268	>NF1-I526S-r ELSTGLVQL	668	400
>NF1-I526S-v ELITGLVQLV	194	>NF1-I526S-r ELSTGLVQLV	205	11
>NF1-I526S-v ELITGLVQL	181	>NF1-I526S-r ELSTGLVQL	721	540
>NF1-I526S-v ELITGLVQLV	32	>NF1-I526S-r ELSTGLVQLV	122	90
>NF1-I526S-v AELITGLV	10	>NF1-I526S-r AELSTGLV	25	15
>NF1-I526S-v AELITGLVQL\	98	>NF1-I526S-r AELSTGLVQL'	205	107
>NF1-I526S-v AELITGLVQL	1520	>NF1-I526S-r AELSTGLVQL	352	1168
>NF1-I526S-v AELITGLVQL	2091	>NF1-I526S-r AELSTGLVQL	499	1592
>NF1-I526S-v AELITGLV	223	>NF1-I526S-r AELSTGLV	97	126
>NF1-I526S-v AELITGLVQL\	169	>NF1-I526S-r AELSTGLVQL'	65	104
>NF1-I526S-v AELITGLV	189	>NF1-I526S-r AELSTGLV	359	170
>NF1-I526S-v AELITGLVQL	220	>NF1-I526S-r AELSTGLVQL	137	83
>NF1-I526S-v AELITGLVQL\	70	>NF1-I526S-r AELSTGLVQL'	113	43
>NF1-I526S-v AELITGLVQL	119	>NF1-I526S-r AELSTGLVQL	139	20
>NF1-I526S-v AELITGLVQL\	355	>NF1-I526S-r AELSTGLVQL'	274	81
>NF1-I526S-v AELITGLV	285	>NF1-I526S-r AELSTGLV	204	81
>NF1-I526S-v AELITGLVQ	535	>NF1-I526S-r AELSTGLVQ	325	210
>NF1-I526S-v AELITGLVQL	295	>NF1-I526S-r AELSTGLVQL	384	89
>NF1-I526S-v AELITGLVQL\	108	>NF1-I526S-r AELSTGLVQL'	71	37
>NF1-I526S-v AELITGLV	59	>NF1-I526S-r AELSTGLV	50	9
>NF1-I526S-v AELITGLVQ	376	>NF1-I526S-r AELSTGLVQ	318	58
>NF1-I526S-v AELITGLVQL	878	>NF1-I526S-r AELSTGLVQL	494	384
>NF1-I526S-v AELITGLVQL\	34	>NF1-I526S-r AELSTGLVQL'	27	7
>NF1-I526S-v AELITGLV	34	>NF1-I526S-r AELSTGLV	67	33
>NF1-I526S-v AELITGLVQL	23	>NF1-I526S-r AELSTGLVQL	14	9
>NF1-I526S-v AELITGLVQL\	9	>NF1-I526S-r AELSTGLVQL'	8	1
>NF1-I526S-v AELITGLV	428	>NF1-I526S-r AELSTGLV	401	27
>NF1-I526S-v TAEITGLV	78	>NF1-I526S-r TAEITGLV	956	878

>NF1-I526S-v STAELITGL	117	>NF1-I526S-r STAELSTGL	520	403
>NF1-I526S-v STAELITGL	10	>NF1-I526S-r STAELSTGL	13	3
>NF1-I526S-v STAELITGLV	154	>NF1-I526S-r STAELSTGLV	196	42
>NF1-I526S-v STAELITGL	27	>NF1-I526S-r STAELSTGL	93	66
>NF1-I526S-v STAELITGLV	41	>NF1-I526S-r STAELSTGLV	39	2
>NF1-I526S-v STAELITGL	17	>NF1-I526S-r STAELSTGL	52	35
>NF1-I526S-v STAELITGLV	173	>NF1-I526S-r STAELSTGLV	208	35
>NF1-I526S-v STAELITGL	52	>NF1-I526S-r STAELSTGL	326	274
>NF1-I526S-v STAELITGLV	40	>NF1-I526S-r STAELSTGLV	101	61
>NF1-I526S-v STAELITGL	52	>NF1-I526S-r STAELSTGL	127	75
>NF1-I526S-v STAELITGLV	35	>NF1-I526S-r STAELSTGLV	53	18
>NF1-I526S-v STAELITGL	233	>NF1-I526S-r STAELSTGL	992	759
>NF1-I526S-v STAELITGLV	91	>NF1-I526S-r STAELSTGLV	181	90
>NF1-I526S-v STAELITGL	143	>NF1-I526S-r STAELSTGL	325	182
>NF1-I526S-v STAELITGL	178	>NF1-I526S-r STAELSTGL	3802	3624
>NF1-I526S-v STAELITGL	712	>NF1-I526S-r STAELSTGL	224	488
>NF1-I526S-v STAELITGL	7	>NF1-I526S-r STAELSTGL	10	3
>NF1-I526S-v STAELITGLV	10	>NF1-I526S-r STAELSTGLV	12	2
>NF1-I526S-v STAELITGL	17	>NF1-I526S-r STAELSTGL	12	5
>NF1-I526S-v STAELITGLV	9	>NF1-I526S-r STAELSTGLV	9	0
>NF1-I526S-v STAELITGL	16	>NF1-I526S-r STAELSTGL	13	3
>NF1-I526S-v STAELITGL	43	>NF1-I526S-r STAELSTGL	86	43
>NF1-I526S-v STAELITGLV	117	>NF1-I526S-r STAELSTGLV	128	11
>NF1-I526S-v STAELITGL	248	>NF1-I526S-r STAELSTGL	105	143
>NF1-I526S-v STAELITGLV	37	>NF1-I526S-r STAELSTGLV	33	4
>NF1-I526S-v STAELITGL	254	>NF1-I526S-r STAELSTGL	192	62
>NF1-I526S-v GSTAELITGL	88	>NF1-I526S-r GSTAELSTGL	46	42
>NF1-I526S-v GSTAELITGL	468	>NF1-I526S-r GSTAELSTGL	815	347
>NF1-I526S-v GSTAELITGL	788	>NF1-I526S-r GSTAELSTGL	343	445
>NF1-I526S-v GSTAELITGLV	797	>NF1-I526S-r GSTAELSTGLV	308	489
>NF1-I526S-v GSTAELITGL	688	>NF1-I526S-r GSTAELSTGL	343	345
>NF1-I526S-v TQGSTAELI	164	>NF1-I526S-r TQGSTAELS	31976	31812
>NF1-I526S-v ETQGSTAELI	104	>NF1-I526S-r ETQGSTAELS	12056	11952
>NF1-I526S-v ETQGSTAELI	72	>NF1-I526S-r ETQGSTAELS	9129	9057
>NF1-K1099I KSQFLKYF	1199	>NF1-K1099I ISQFLKYF	254	945
>NF1-K1099I KSQFLKYFTL	324	>NF1-K1099I ISQFLKYFTL	92	232
>NF1-K1099I KSQFLKY	452	>NF1-K1099I ISQFLKY	210	242
>NF1-K1099I KSQFLKY	166	>NF1-K1099I ISQFLKY	555	389
>NF1-K1099I KSQFLKY	424	>NF1-K1099I ISQFLKY	133	291
>NF1-K1099I KSQFLKY	93	>NF1-K1099I ISQFLKY	145	52
>NF1-K1099I KSQFLKYFTL	101	>NF1-K1099I ISQFLKYFTL	1538	1437
>NF1-K1099I KSQFLKY	232	>NF1-K1099I ISQFLKY	621	389
>NF1-K1099I KSQFLKYF	97	>NF1-K1099I ISQFLKYF	81	16

>NF1-K1099I KSQFLKYY	7	>NF1-K1099I ISQFLKYY	7	0
>NF1-K1099I KSQFLKYYF	8	>NF1-K1099I ISQFLKYYF	7	1
>NF1-K1099I KSQFLKYYFTL	10	>NF1-K1099I ISQFLKYYFTL	14	4
>NF1-K1099I KSQFLKYY	316	>NF1-K1099I ISQFLKYY	712	396
>NF1-K1099I KSQFLKYYF	61	>NF1-K1099I ISQFLKYYF	99	38
>NF1-K1099I KSQFLKYY	91	>NF1-K1099I ISQFLKYY	552	461
>NF1-K1099I KSQFLKYYF	61	>NF1-K1099I ISQFLKYYF	347	286
>NF1-K1099I KSQFLKYYFTL	185	>NF1-K1099I ISQFLKYYFTL	1224	1039
>NF1-K1099I KSQFLKYYF	709	>NF1-K1099I ISQFLKYYF	416	293
>NF1-K1099I KSQFLKYYFTL	509	>NF1-K1099I ISQFLKYYFTL	317	192
>NF1-K1099I KSQFLKYY	267	>NF1-K1099I ISQFLKYY	276	9
>NF1-K1099I KSQFLKYYF	65	>NF1-K1099I ISQFLKYYF	46	19
>NF1-K1099I KSQFLKYYFTL	483	>NF1-K1099I ISQFLKYYFTL	341	142
>NF1-K1099I KSQFLKYYFTL	148	>NF1-K1099I ISQFLKYYFTL	370	222
>NF1-K1099I AKSQFLKYY	12814	>NF1-K1099I AISQFLKYY	260	12554
>NF1-K1099I AKSQFLK	14225	>NF1-K1099I AISQFLK	69	14156
>NF1-K1099I AKSQFLKYY	20303	>NF1-K1099I AISQFLKYY	412	19891
>NF1-K1099I AKSQFLK	2273	>NF1-K1099I AISQFLK	10	2263
>NF1-K1099I AKSQFLKYY	15281	>NF1-K1099I AISQFLKYY	75	15206
>NF1-K1099I AKSQFLKYY	199	>NF1-K1099I AISQFLKYY	15	184
>NF1-K1099I AKSQFLK	6484	>NF1-K1099I AISQFLK	407	6077
>NF1-K1099I AKSQFLKYY	655	>NF1-K1099I AISQFLKYY	100	555
>NF1-K1099I AKSQFLK	9275	>NF1-K1099I AISQFLK	462	8813
>NF1-K1099I AKSQFLKYY	258	>NF1-K1099I AISQFLKYY	16	242
>NF1-K1099I AKSQFLKYY	5147	>NF1-K1099I AISQFLKYY	166	4981
>NF1-K1099I AKSQFLKYYF	7357	>NF1-K1099I AISQFLKYYF	374	6983
>NF1-K1099I AKSQFLKYY	16	>NF1-K1099I AISQFLKYY	1590	1574
>NF1-K1099I AKSQFLKYYF	8	>NF1-K1099I AISQFLKYYF	355	347
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>NF1-K1099I AKSQFLKYY	5206	>NF1-K1099I AISQFLKYY	272	4934
>NF1-K1099I AKSQFLK	293	>NF1-K1099I AISQFLK	221	72
>NF1-K1099I EAKSQFLK	713	>NF1-K1099I E AISQFLK	85	628
>NF1-K1099I EAKSQFLKYY	871	>NF1-K1099I E AISQFLKYY	357	514
>NF1-K1099I EAKSQFLKYY	784	>NF1-K1099I E AISQFLKYY	127	657
>NF1-K1099I EAKSQFLKYYF	1315	>NF1-K1099I E AISQFLKYYF	113	1202
>NF1-K1099I EAKSQFL	2230	>NF1-K1099I E AISQFL	28	2202
>NF1-K1099I EAKSQFLKYY	203	>NF1-K1099I E AISQFLKYY	7	196
>NF1-K1099I EAKSQFLKYYF	111	>NF1-K1099I E AISQFLKYYF	4	107
>NF1-K1099I EAKSQFLKYY	4060	>NF1-K1099I E AISQFLKYY	162	3898
>NF1-K1099I EAKSQFLK	483	>NF1-K1099I E AISQFLK	2000	1517
>NF1-K1099I EAKSQFLK	193	>NF1-K1099I E AISQFLK	316	123
>NF1-K1099I EAKSQFLK	15	>NF1-K1099I E AISQFLK	4	11
>NF1-K1099I EAKSQFL	2494	>NF1-K1099I E AISQFL	53	2441

>NF1-K1099I EAKSQLFL	2154	>NF1-K1099I EAISQLFL	74	2080
>NF1-K1099I EAKSQLFLKY	1831	>NF1-K1099I EAISQLFLKY	432	1399
>NF1-K1099I EAKSQLFLKYI	514	>NF1-K1099I EAISQLFLKYF	391	123
>NF1-K1099I EAKSQLFLKY	459	>NF1-K1099I EAISQLFLKY	90	369
>NF1-K1099I EAKSQLFLKYI	421	>NF1-K1099I EAISQLFLKYF	99	322
>NF1-K1099I MEAKSQLF	47	>NF1-K1099I MEAISQLF	53	6
>NF1-K1099I MEAKSQLFL	16	>NF1-K1099I MEAISQLFL	11	5
>NF1-K1099I MEAKSQLFLK	76	>NF1-K1099I MEAISQLFLK'	43	33
>NF1-K1099I MEAKSQLFLK	38	>NF1-K1099I MEAISQLFLK'	117	79
>NF1-K1099I MEAKSQLF	33	>NF1-K1099I MEAISQLF	81	48
>NF1-K1099I MEAKSQLFLK	120	>NF1-K1099I MEAISQLFLK'	361	241
>NF1-K1099I MEAKSQLF	76	>NF1-K1099I MEAISQLF	55	21
>NF1-K1099I MEAKSQLFLK	22	>NF1-K1099I MEAISQLFLK'	24	2
>NF1-K1099I MEAKSQLF	374	>NF1-K1099I MEAISQLF	352	22
>NF1-K1099I MEAKSQLFL	25	>NF1-K1099I MEAISQLFL	32	7
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>NF1-K1099I MEAKSQLFLK	394	>NF1-K1099I MEAISQLFLK	575	181
>NF1-K1099I MEAKSQLF	147	>NF1-K1099I MEAISQLF	113	34
>NF1-K1099I MEAKSQLFL	566	>NF1-K1099I MEAISQLFL	426	140
>NF1-K1099I MEAKSQLFLK	394	>NF1-K1099I MEAISQLFLK'	317	77
>NF1-K1099I MEAKSQLF	46	>NF1-K1099I MEAISQLF	41	5
>NF1-K1099I MEAKSQLFL	136	>NF1-K1099I MEAISQLFL	132	4
>NF1-K1099I MEAKSQLFLK	33	>NF1-K1099I MEAISQLFLK'	38	5
>NF1-K1099I MEAKSQLFL	220	>NF1-K1099I MEAISQLFL	156	64
>NF1-K1099I MEAKSQLFLK	227	>NF1-K1099I MEAISQLFLK'	178	49
>NF1-K1099I MEAKSQLFL	100	>NF1-K1099I MEAISQLFL	96	4
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>NF1-K1099I LMEAKSQL	71	>NF1-K1099I LMEAISQL	13	58
>NF1-K1099I LMEAKSQLF	3280	>NF1-K1099I LMEAISQLF	340	2940
>NF1-K1099I LMEAKSQLFL	89	>NF1-K1099I LMEAISQLFL	38	51
>NF1-K1099I LMEAKSQL	779	>NF1-K1099I LMEAISQL	130	649
>NF1-K1099I LMEAKSQLFL	492	>NF1-K1099I LMEAISQLFL	392	100
>NF1-K1099I LMEAKSQL	207	>NF1-K1099I LMEAISQL	37	170
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>NF1-K1444(LMSKILQSI	29	>NF1-K1444(LMSQILQSI	13	16
>NF1-K1444(LMSKILQSI	587	>NF1-K1444(LMSQILQSI	386	201
>NF1-K1444(LMSKILQSI	483	>NF1-K1444(LMSQILQSI	834	351
>NF1-K1444(LMSKILQSI	328	>NF1-K1444(LMSQILQSI	214	114
>NF1-K1444(LMSKILQSI	113	>NF1-K1444(LMSQILQSI	296	183
>NF1-K1444(LMSKILQSI	622	>NF1-K1444(LMSQILQSI	413	209
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>NF1-K1444(KLMSKILQSI	17	>NF1-K1444(KLMSQILQSI	14	3
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>NF1-K1444(KLMSKILQSI	10	>NF1-K1444(KLMSQILQSI	11	1
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>NF1-K1444(KLMSKILQSI	114	>NF1-K1444(KLMSQILQSI	100	14
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>NF1-K1444(KLMSKILQSI	4	>NF1-K1444(KLMSQILQSI	4	0
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>NF1-K1444(KLMSKILQSI	6	>NF1-K1444(KLMSQILQSI	5	1
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>NF1-K1444(KLMSKILQSI	27	>NF1-K1444(KLMSQILQSI	21	6
>NF1-K1444(KLMSKILQSI	162	>NF1-K1444(KLMSQILQSI	114	48
>NF1-K1444(KLMSKILQSI	6	>NF1-K1444(KLMSQILQSI	6	0
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>NF1-K1444(KLMSKILQ	260	>NF1-K1444(KLMSQILQ	154	106
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>NF1-K1444(GLKLSKI	62	>NF1-K1444(GLKLSQI	37	25
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>NF1-K1444(IERGLKLMSKI	335	>NF1-K1444(IERGLKLMSQ	206	129
>NF1-K1444(IERGLKLMSKI	528	>NF1-K1444(IERGLKLMSQ	372	156
>NF1-K1444(IERGLKLMSKI	11	>NF1-K1444(IERGLKLMSQ	11	0
>NF1-K583R-KKLTSHQM	9	>NF1-K583R-RKLTSHQM	6	3
>NF1-K583R-KKLTSHQML	5	>NF1-K583R-RKLTSHQML	4	1
>NF1-K583R-KKLTSHQML	301	>NF1-K583R-RKLTSHQML	171	130
>NF1-K583R-KKLTSHQML	131	>NF1-K583R-RKLTSHQML	77	54
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>NF1-K583R-KKLTSHQM	955	>NF1-K583R-RKLTSHQM	452	503
>NF1-K583R-KKLTSHQML	1085	>NF1-K583R-RKLTSHQML	341	744
>NF1-K583R-KKLTSHQML	3677	>NF1-K583R-RKLTSHQML	485	3192
>NF1-K583R-CKKLTSHQM	222	>NF1-K583R-CRKLTSHQM	1642	1420
>NF1-K583R-CKKLTSHQMI	99	>NF1-K583R-CRKLTSHQMI	624	525
>NF1-K583R-CKKLTSHQM	12657	>NF1-K583R-CRKLTSHQM	459	12198
>NF1-K583R-CKKLTSHQMI	5238	>NF1-K583R-CRKLTSHQMI	45	5193
>NF1-K583R-CKKLTSHQMI	2838	>NF1-K583R-CRKLTSHQMI	85	2753
>NF1-K583R-CKKLTSHQMI	4118	>NF1-K583R-CRKLTSHQMI	93	4025
>NF1-K583R-ISSQMLFYICK	238	>NF1-K583R-ISSQMLFYICF	4890	4652
>NF1-K583R-ISSQMLFYICK	12	>NF1-K583R-ISSQMLFYICF	123	111
>NF1-K583R-ISSQMLFYICK	833	>NF1-K583R-ISSQMLFYICF	45	788
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>NF1-K583R-ICKKLTSHQM	2319	>NF1-K583R-ICRKLTSHQM	433	1886
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>NF1-K583R-LFYICKKL	642	>NF1-K583R-LFYICRKL	354	288
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>NF1-K583R-MLFYICKKL	55	>NF1-K583R-MLFYICRKL	49	6
>NF1-K583R-MLFYICKKL	9	>NF1-K583R-MLFYICRKL	9	0
>NF1-K583R-MLFYICKKL	59	>NF1-K583R-MLFYICRKL	52	7
>NF1-K583R-MLFYICKKLT	332	>NF1-K583R-MLFYICRKL	270	62

>NF1-K583R-MLFYICKKL	88	>NF1-K583R-MLFYICRKL	62	26
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>NF1-K583R-MLFYICKK	506	>NF1-K583R-MLFYICRK	312	194
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>NF1-K583R-MLFYICKK	33	>NF1-K583R-MLFYICRK	32	1
>NF1-K583R-MLFYICKK	27	>NF1-K583R-MLFYICRK	28	1
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>NF1-K583R-MLFYICKK	81	>NF1-K583R-MLFYICRK	73	8
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>NF1-K583R-MLFYICKK	366	>NF1-K583R-MLFYICRK	279	87
>NF1-K583R-MLFYICKK	7	>NF1-K583R-MLFYICRK	7	0
>NF1-K583R-MLFYICKKL	285	>NF1-K583R-MLFYICRKL	177	108
>NF1-K583R-MLFYICKKL	433	>NF1-K583R-MLFYICRKL	689	256
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>NF1-K583R-MLFYICKKL	313	>NF1-K583R-MLFYICRKL	360	47
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>NF1-K583R-QMLFYICKKL	604	>NF1-K583R-QMLFYICRKL	450	154
>NF1-K583R-QMLFYICKKL	67	>NF1-K583R-QMLFYICRKL	52	15
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>NF1-K583R-QMLFYICKKL	108	>NF1-K583R-QMLFYICRKL	128	20
>NF1-K583R-QMLFYICKKL	130	>NF1-K583R-QMLFYICRKL	188	58
>NF1-K583R-QMLFYICK	118	>NF1-K583R-QMLFYICR	2570	2452
>NF1-K583R-QMLFYICKK	83	>NF1-K583R-QMLFYICRK	85	2
>NF1-K583R-QMLFYICK	23	>NF1-K583R-QMLFYICR	395	372
>NF1-K583R-QMLFYICKK	24	>NF1-K583R-QMLFYICRK	26	2
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>NF1-K583R-QMLFYICKK	412	>NF1-K583R-QMLFYICRK	403	9
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>NF1-K583R-QMLFYICKK	231	>NF1-K583R-QMLFYICRK	203	28
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>NF1-K583R-QMLFYICK	2636	>NF1-K583R-QMLFYICR	115	2521
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>NF1-K583R-SQMLFYICKK	335	>NF1-K583R-SQMLFYICRK	287	48
>NF1-K583R-SQMLFYICKK	212	>NF1-K583R-SQMLFYICRK	195	17
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>NF1-K583R-SQMLFYICKK	45	>NF1-K583R-SQMLFYICRK	47	2
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>NF1-K583R-SQMLFYICKK	475	>NF1-K583R-SQMLFYICKR	472	3
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>NF1-K583R-SQMLFYICKK	118	>NF1-K583R-SQMLFYICKR	94	24
>NF1-K583R-SQMLFYICK	1247	>NF1-K583R-SQMLFYICR	352	895
>NF1-K583R-SQMLFYICKK	367	>NF1-K583R-SQMLFYICKR	557	190
>NF1-K583R-SQMLFYICK	260	>NF1-K583R-SQMLFYICR	223	37
>NF1-K583R-SQMLFYICKK	100	>NF1-K583R-SQMLFYICKR	137	37
>NF1-K583R-SQMLFYICK	310	>NF1-K583R-SQMLFYICR	631	321
>NF1-K583R-SQMLFYICKK	521	>NF1-K583R-SQMLFYICKR	240	281
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>NF1-K583R-SQMLFYICKK	406	>NF1-K583R-SQMLFYICKR	257	149
>NF1-K583R-SQMLFYICK	1226	>NF1-K583R-SQMLFYICR	125	1101
>NF1-K583R-SSQMLFYICK	175	>NF1-K583R-SSQMLFYICR	2188	2013
>NF1-K583R-SSQMLFYICK	9	>NF1-K583R-SSQMLFYICR	43	34
>NF1-K583R-SSQMLFYICK	7	>NF1-K583R-SSQMLFYICR	7	0
>NF1-K583R-SSQMLFYICK	149	>NF1-K583R-SSQMLFYICR	7184	7035
>NF1-K583R-SSQMLFYICK	203	>NF1-K583R-SSQMLFYICR	200	3
>NF1-K583R-SSQMLFYICK	45	>NF1-K583R-SSQMLFYICR	5	40
>NF1-K583R-SSQMLFYICK	102	>NF1-K583R-SSQMLFYICR	98	4
>NF1-K583R-SSQMLFYICK	450	>NF1-K583R-SSQMLFYICR	25	425
>NF1-K583R-SSQMLFYICK	393	>NF1-K583R-SSQMLFYICR	115	278
>NF1-K583R-SSQMLFYICK	409	>NF1-K583R-SSQMLFYICR	429	20
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>NF1-K583R-SSQMLFYICK	102	>NF1-K583R-SSQMLFYICR	81	21
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>NF1-L1187I-LQQGTEFDTL	413	>NF1-L1187I-IQQGTEFDTL	567	154
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>NF1-L1187I-LQQGTEFDTL	244	>NF1-L1187I-IQQGTEFDTL	249	5
>NF1-L1187I-LQQGTEFDTL	558	>NF1-L1187I-IQQGTEFDTL	365	193
>NF1-L1187I-ILQQGTEFDT	283	>NF1-L1187I-IIQQGTEFDTI	3793	3510
>NF1-L1187I-ILQQGTEFDT	35	>NF1-L1187I-IIQQGTEFDTI	535	500
>NF1-L1187I-ILQQGTEFDT	438	>NF1-L1187I-IIQQGTEFDTI	2780	2342
>NF1-L1187I-ILQQGTEFDT	309	>NF1-L1187I-IIQQGTEFDTI	360	51
>NF1-L1187I-ILQQGTEFDT	26	>NF1-L1187I-IIQQGTEFDTI	892	866
>NF1-L1187I-ILQQGTEFDT	20	>NF1-L1187I-IIQQGTEFDTI	2246	2226
>NF1-L1187I-ILQQGTEFDT	128	>NF1-L1187I-IIQQGTEFDTI	4545	4417
>NF1-L1187I-ILQQGTEFDT	68	>NF1-L1187I-IIQQGTEFDTI	1837	1769
>NF1-L1187I-ILQQGTEFDT	81	>NF1-L1187I-IIQQGTEFDT	5437	5356
>NF1-L1187I-ILQQGTEFDT	7	>NF1-L1187I-IIQQGTEFDTI	231	224
>NF1-L1187I-ILQQGTEF	60	>NF1-L1187I-IIQQGTEF	107	47
>NF1-L1187I-ILQQGTEF	71	>NF1-L1187I-IIQQGTEF	408	337

>NF1-L1187I·ILQQGTEF	61	>NF1-L1187I·IIQQGTEF	289	228
>NF1-L1187I·ILQQGTEF	643	>NF1-L1187I·IIQQGTEF	445	198
>NF1-L1187I·ATFMEVLTKII	1324	>NF1-L1187I·ATFMEVLTKII	464	860
>NF1-L1187I·ATFMEVLTKII	50	>NF1-L1187I·ATFMEVLTKII	24	26
>NF1-L1187I·ATFMEVLTKII	220	>NF1-L1187I·ATFMEVLTKII	376	156
>NF1-L1187I·ATFMEVLTKII	10	>NF1-L1187I·ATFMEVLTKII	34	24
>NF1-L1187I·ATFMEVLTKII	293	>NF1-L1187I·ATFMEVLTKII	888	595
>NF1-L1187I·ATFMEVLTKII	99	>NF1-L1187I·ATFMEVLTKII	232	133
>NF1-L1187I·ATFMEVLTKII	631	>NF1-L1187I·ATFMEVLTKII	433	198
>NF1-L1187I·ATFMEVLTKII	201	>NF1-L1187I·ATFMEVLTKII	20	181
>NF1-L1187I·KILQQGTEF	68	>NF1-L1187I·KIIQQGTEF	106	38
>NF1-L1187I·KILQQGTEF	338	>NF1-L1187I·KIIQQGTEF	79	259
>NF1-L1187I·KILQQGTEF	38	>NF1-L1187I·KIIQQGTEF	44	6
>NF1-L1187I·KILQQGTEF	33	>NF1-L1187I·KIIQQGTEF	29	4
>NF1-L1187I·KILQQGTEF	1169	>NF1-L1187I·KIIQQGTEF	462	707
>NF1-L1187I·KILQQGTEF	482	>NF1-L1187I·KIIQQGTEF	986	504
>NF1-L1187I·KILQQGTEF	1712	>NF1-L1187I·KIIQQGTEF	216	1496
>NF1-L1187I·TKILQQGTEF	22	>NF1-L1187I·TKIIQQGTEF	18	4
>NF1-L1187I·LTKILQQGTEI	140	>NF1-L1187I·LTKIIQQGTEF	208	68
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>NF1-L1187I·LTKILQQGTEI	5	>NF1-L1187I·LTKIIQQGTEF	5	0
>NF1-L1187I·LTKILQQGTEI	28	>NF1-L1187I·LTKIIQQGTEF	26	2
>NF1-L1187I·VLTKILQQGT	845	>NF1-L1187I·VLTkIIQQGT	464	381
>NF1-L1187I·VLTKILQQ	45	>NF1-L1187I·VLTkIIQQ	33	12
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>NF1-L1187I·MEVLTKIL	5	>NF1-L1187I·MEVLTKII	3	2
>NF1-L1187I·MEVLTKIL	87	>NF1-L1187I·MEVLTKII	563	476
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>NF1-L1187I·MEVLTKIL	25	>NF1-L1187I·MEVLTKII	100	75
>NF1-L1187I·MEVLTKIL	198	>NF1-L1187I·MEVLTKII	434	236
>NF1-L1187I·MEVLTKIL	191	>NF1-L1187I·MEVLTKII	324	133
>NF1-L1187I·MEVLTKIL	1303	>NF1-L1187I·MEVLTKII	54	1249
>NF1-L1187I·FMEVLTKIL	5481	>NF1-L1187I·FMEVLTKII	382	5099
>NF1-L1187I·FMEVLTKIL	96	>NF1-L1187I·FMEVLTKII	241	145
>NF1-L1187I·FMEVLTKIL	903	>NF1-L1187I·FMEVLTKII	458	445
>NF1-L1187I·FMEVLTKIL	233	>NF1-L1187I·FMEVLTKII	251	18
>NF1-L1187I·FMEVLTKIL	57	>NF1-L1187I·FMEVLTKII	348	291
>NF1-L1187I·FMEVLTKILQ	247	>NF1-L1187I·FMEVLTKIIQ	219	28
>NF1-L1187I·FMEVLTKIL	232	>NF1-L1187I·FMEVLTKII	3158	2926
>NF1-L1187I·TFMEVLTKIL	133	>NF1-L1187I·TFMEVLTKII	165	32
>NF1-L194P·LKETAFFK	61	>NF1-L194P·PKETAFFK	1108	1047
>NF1-L194P·LKETAFFKAI	224	>NF1-L194P·PKETAFFKAI	3521	3297

>NF1-L194P- LLKETAFKF	32281	>NF1-L194P- LPKETAFKF	193	32088
>NF1-L194P- LLKETAFKFK/	279	>NF1-L194P- LPKETAFKFK/	31896	31617
>NF1-L194P- LLKETAFKFK/	67	>NF1-L194P- LPKETAFKFK/	20539	20472
>NF1-L194P- LLKETAFKFK/	123	>NF1-L194P- LPKETAFKFK/	25563	25440
>NF1-L194P- LLKETAFKFK/	247	>NF1-L194P- LPKETAFKFK/	23830	23583
>NF1-L194P- LLKETAFKFK/	465	>NF1-L194P- LPKETAFKFK/	26601	26136
>NF1-L194P- LLKETAFKFK/	6	>NF1-L194P- LPKETAFKFK/	29464	29458
>NF1-L194P- LLKETAFK	65	>NF1-L194P- LPKETAFK	13820	13755
>NF1-L194P- LLKETAFKFK	105	>NF1-L194P- LPKETAFKFK	8276	8171
>NF1-L194P- LLKETAFK	423	>NF1-L194P- LPKETAFK	14936	14513
>NF1-L194P- LLKETAFKFK	469	>NF1-L194P- LPKETAFKFK	11242	10773
>NF1-L194P- LLKETAFK	13	>NF1-L194P- LPKETAFK	4307	4294
>NF1-L194P- LLKETAFKFK	16	>NF1-L194P- LPKETAFKFK	4832	4816
>NF1-L194P- LLKETAFK	213	>NF1-L194P- LPKETAFK	7514	7301
>NF1-L194P- LLKETAFK	298	>NF1-L194P- LPKETAFK	2124	1826
>NF1-L194P- LLKETAFKF	212	>NF1-L194P- LPKETAFKF	12144	11932
>NF1-L194P- LLKETAFKF	463	>NF1-L194P- LPKETAFKF	5761	5298
>NF1-L194P- LLKETAFKF	70	>NF1-L194P- LPKETAFKF	701	631
>NF1-L194P- LLKETAFKF	103	>NF1-L194P- LPKETAFKF	3243	3140
>NF1-L194P- LLKETAFKF	7232	>NF1-L194P- LPKETAFKF	66	7166
>NF1-L194P- LLKETAFKF	23840	>NF1-L194P- LPKETAFKF	56	23784
>NF1-L194P- LLKETAFKFK/	23749	>NF1-L194P- LPKETAFKFK/	31	23718
>NF1-L194P- LLKETAFKF	12906	>NF1-L194P- LPKETAFKF	418	12488
>NF1-L194P- LLKETAFKF	19157	>NF1-L194P- LPKETAFKF	62	19095
>NF1-L194P- RLLKETAFKF	433	>NF1-L194P- RLPKETAFKF	2999	2566
>NF1-L194P- RLLKETAFK	29	>NF1-L194P- RLPKETAFK	43	14
>NF1-L194P- RLLKETAFKFK	32	>NF1-L194P- RLPKETAFKFK	55	23
>NF1-L194P- RLLKETAFK	24	>NF1-L194P- RLPKETAFK	227	203
>NF1-L194P- RLLKETAFKFK	42	>NF1-L194P- RLPKETAFKFK	435	393
>NF1-L194P- RLLKETAFKF	855	>NF1-L194P- RLPKETAFKF	196	659
>NF1-L194P- RLLKETAF	300	>NF1-L194P- RLPKETAF	231	69
>NF1-L194P- RLLKETAFKF	36	>NF1-L194P- RLPKETAFKF	32	4
>NF1-L194P- RLLKETAFK	8	>NF1-L194P- RLPKETAFK	91	83
>NF1-L194P- RLLKETAFKFK	9	>NF1-L194P- RLPKETAFKFK	127	118
>NF1-L194P- RLLKETAFK	83	>NF1-L194P- RLPKETAFK	1155	1072
>NF1-L194P- RLLKETAFKFK	129	>NF1-L194P- RLPKETAFKFK	1497	1368
>NF1-L194P- RLLKETAF	15	>NF1-L194P- RLPKETAF	58	43
>NF1-L194P- RLLKETAFKF	23	>NF1-L194P- RLPKETAFKF	78	55
>NF1-L194P- RLLKETAF	112	>NF1-L194P- RLPKETAF	216	104
>NF1-L194P- RLLKETAF	8	>NF1-L194P- RLPKETAF	61	53
>NF1-L194P- RLLKETAFKF	22	>NF1-L194P- RLPKETAFKF	300	278
>NF1-L194P- RLLKETAF	149	>NF1-L194P- RLPKETAF	7059	6910
>NF1-L194P- RLLKETAFKF	36	>NF1-L194P- RLPKETAFKF	2079	2043

>NF1-L194P- RLLKETAFK	315	>NF1-L194P- RLPKETAFK	12440	12125
>NF1-L194P- RLLKETAFK	16929	>NF1-L194P- RLPKETAFK	50	16879
>NF1-L194P- RLLKETAFK	60	>NF1-L194P- RLPKETAFK	124	64
>NF1-L194P- RLLKETAFKf	56	>NF1-L194P- RLPKETAFKf	120	64
>NF1-L194P- KRLLKETAFK	473	>NF1-L194P- KRLPKETAFK	298	175
>NF1-L194P- KRLLKETAFK	368	>NF1-L194P- KRLPKETAFK	186	182
>NF1-L194P- KRLLKETAF	21	>NF1-L194P- KRLPKETAF	9	12
>NF1-L194P- KRLLKETAFKf	76	>NF1-L194P- KRLPKETAFKf	28	48
>NF1-L194P- KRLLKETAF	305	>NF1-L194P- KRLPKETAF	576	271
>NF1-L194P- KRLLKETAFK	57	>NF1-L194P- KRLPKETAFK	127	70
>NF1-L194P- KRLLKETAFKf	60	>NF1-L194P- KRLPKETAFKf	96	36
>NF1-L194P- KRLLKETAF	401	>NF1-L194P- KRLPKETAF	385	16
>NF1-L194P- KRLLKETAFK	274	>NF1-L194P- KRLPKETAFK	506	232
>NF1-L194P- KRLLKETAFKf	281	>NF1-L194P- KRLPKETAFKf	273	8
>NF1-L194P- KRLLKETAFK	298	>NF1-L194P- KRLPKETAFK	347	49
>NF1-L194P- KRLLKETAFK	631	>NF1-L194P- KRLPKETAFK	489	142
>NF1-L194P- LKRLKETAFK	119	>NF1-L194P- LKRLPKETAFK	130	11
>NF1-L194P- LKRLKETAF	7	>NF1-L194P- LKRLPKETAF	4	3
>NF1-L194P- KLRLLKETA	343	>NF1-L194P- KLRLLPKETA	426	83
>NF1-L194P- KLRLLKETA	363	>NF1-L194P- KLRLLPKETA	588	225
>NF1-L194P- KLRLLKETA	213	>NF1-L194P- KLRLLPKETA	213	0
>NF1-L194P- KLRLLKETAF	136	>NF1-L194P- KLRLLPKETAf	90	46
>NF1-L194P- KLRLLKETAF	388	>NF1-L194P- KLRLLPKETAf	551	163
>NF1-L194P- KLRLLKETAF	135	>NF1-L194P- KLRLLPKETAf	163	28
>NF1-L194P- KLRLLKETAF	28	>NF1-L194P- KLRLLPKETAf	17	11
>NF1-L194P- AKLRLLK	779	>NF1-L194P- AKLRLLPK	327	452
>NF1-L194P- AKLRLLK	1344	>NF1-L194P- AKLRLLPK	334	1010
>NF1-L194P- CAKLKRLK	315	>NF1-L194P- CAKLKRLPK	389	74
>NF1-L194P- CAKLKRLK	11	>NF1-L194P- CAKLKRLPK	7	4
>NF1-L21R-w LPIKTGQQ	3878	>NF1-L21R-r LPIKTGQQ	486	3392
>NF1-L21R-w LPIKTGQQNT	107	>NF1-L21R-r LPIKTGQQNT	835	728
>NF1-L21R-w QAVVSRFDEC	17167	>NF1-L21R-r QAVVSRFDEC	414	16753
>NF1-L21R-w QAVVSRFDEC	15529	>NF1-L21R-r QAVVSRFDEC	15	15514
>NF1-L21R-w QAVVSRFDEC	175	>NF1-L21R-r QAVVSRFDEC	16305	16130
>NF1-L21R-w RFDEQLPIK	616	>NF1-L21R-r RFDEQRPIK	188	428
>NF1-L21R-w SRFDEQLPI	159	>NF1-L21R-r SRFDEQRPI	337	178
>NF1-L21R-w SRFDEQLPI	57	>NF1-L21R-r SRFDEQRPI	88	31
>NF1-L21R-w SRFDEQLPIK	64	>NF1-L21R-r SRFDEQRPIK	102	38
>NF1-L21R-w SRFDEQLPI	293	>NF1-L21R-r SRFDEQRPI	2128	1835
>NF1-L21R-w VSRFDEQLPI	141	>NF1-L21R-r VSRFDEQRPI	286	145
>NF1-L21R-w VSRFDEQLPIf	15	>NF1-L21R-r VSRFDEQRPIf	16	1
>NF1-L21R-w VSRFDEQL	20211	>NF1-L21R-r VSRFDEQR	444	19767
>NF1-L21R-w VSRFDEQL	23	>NF1-L21R-r VSRFDEQR	8750	8727



>NF1-L21R-w VSRFDEQLPI	54	>NF1-L21R-r VSRFDEQRPI	107	53
>NF1-L21R-w VSRFDEQLPI	469	>NF1-L21R-r VSRFDEQRPI	1191	722
>NF1-L21R-w VVSRFDEQL	468	>NF1-L21R-r VVSRFDEQR	22055	21587
>NF1-L21R-w VVSRFDEQL	362	>NF1-L21R-r VVSRFDEQR	30656	30294
>NF1-L21R-w VVSRFDEQL	17076	>NF1-L21R-r VVSRFDEQR	483	16593
>NF1-L21R-w VVSRFDEQL	21052	>NF1-L21R-r VVSRFDEQR	32	21020
>NF1-L21R-w AVVSRFDEQL	205	>NF1-L21R-r AVVSRFDEQF	8391	8186
>NF1-L21R-w AVVSRFDEQL	16570	>NF1-L21R-r AVVSRFDEQF	238	16332
>NF1-L21R-w AVVSRFDEQL	25647	>NF1-L21R-r AVVSRFDEQF	49	25598
>NF1-L21R-w AVVSRFDEQL	4463	>NF1-L21R-r AVVSRFDEQF	344	4119
>NF1-L2416V LLTLVNKHR	262	>NF1-L2416V VLTLVNKHR	379	117
>NF1-L2416V LLTLVNKHR	379	>NF1-L2416V VLTLVNKHR	886	507
>NF1-L2416V TLLTLVNK	70	>NF1-L2416V TVLTLVNK	168	98
>NF1-L2416V TLLTLVNK	34	>NF1-L2416V TVLTLVNK	15	19
>NF1-L2416V TLLTLVNK	1784	>NF1-L2416V TVLTLVNK	190	1594
>NF1-L2416V TLLTLVNKHR	152	>NF1-L2416V TVLTLVNKHR	103	49
>NF1-L2416V TLLTLVNK	772	>NF1-L2416V TVLTLVNK	81	691
>NF1-L2416V TLLTLVNKHR	621	>NF1-L2416V TVLTLVNKHR	57	564
>NF1-L2416V TLLTLVNKHR	78	>NF1-L2416V TVLTLVNKHR	110	32
>NF1-L2416V VARTVRILHTI	3779	>NF1-L2416V VARTVRILHTI	151	3628
>NF1-L2416V VARTVRILHTI	215	>NF1-L2416V VARTVRILHTI	130	85
>NF1-L2416V VARTVRILHTI	239	>NF1-L2416V VARTVRILHTI	5024	4785
>NF1-L2416V VARTVRILHTI	326	>NF1-L2416V VARTVRILHTI	1014	688
>NF1-L2416V HTLLTLVNK	175	>NF1-L2416V HTVTLVNK	405	230
>NF1-L2416V HTLLTLVNK	33	>NF1-L2416V HTVTLVNK	66	33
>NF1-L2416V HTLLTLVNKH	3213	>NF1-L2416V HTVTLVNKH	371	2842
>NF1-L2416V HTLLTLVNK	7	>NF1-L2416V HTVTLVNK	18	11
>NF1-L2416V HTLLTLVNK	90	>NF1-L2416V HTVTLVNK	232	142
>NF1-L2416V HTLLTLVNKH	17	>NF1-L2416V HTVTLVNKH	33	16
>NF1-L2416V HTLLTLVNKH	26	>NF1-L2416V HTVTLVNKH	60	34
>NF1-L2416V HTLLTLVNK	79	>NF1-L2416V HTVTLVNK	21	58
>NF1-L2416V HTLLTLVNKH	51	>NF1-L2416V HTVTLVNKH	14	37
>NF1-L2416V HTLLTLVNKH	60	>NF1-L2416V HTVTLVNKH	87	27
>NF1-L2416V ILHTLLTL	71	>NF1-L2416V ILHTVLTTL	76	5
>NF1-L2416V ILHTLLTLV	16	>NF1-L2416V ILHTVLTTLV	17	1
>NF1-L2416V ILHTLLTL	83	>NF1-L2416V ILHTVLTTL	83	0
>NF1-L2416V ILHTLLTLV	5	>NF1-L2416V ILHTVLTTLV	5	0
>NF1-L2416V ILHTLLTL	40	>NF1-L2416V ILHTVLTTL	30	10
>NF1-L2416V ILHTLLTLV	4	>NF1-L2416V ILHTVLTTLV	3	1
>NF1-L2416V ILHTLLTLV	39	>NF1-L2416V ILHTVLTTLV	34	5
>NF1-L2416V ILHTLLTL	12	>NF1-L2416V ILHTVLTTL	6	6
>NF1-L2416V ILHTLLTLV	5	>NF1-L2416V ILHTVLTTLV	3	2
>NF1-L2416V ILHTLLTL	49	>NF1-L2416V ILHTVLTTL	40	9

>NF1-L2416\ILHTLLTLV	25	>NF1-L2416\ILHTVLTTLV	17	8
>NF1-L2416\ILHTLLTL	83	>NF1-L2416\ILHTVLTTL	41	42
>NF1-L2416\ILHTLLTLV	15	>NF1-L2416\ILHTVLTTLV	10	5
>NF1-L2416\ILHTLLTL	491	>NF1-L2416\ILHTVLTTL	312	179
>NF1-L2416\ILHTLLTLV	108	>NF1-L2416\ILHTVLTTLV	63	45
>NF1-L2416\ILHTLLTL	4	>NF1-L2416\ILHTVLTTL	4	0
>NF1-L2416\ILHTLLTLV	2	>NF1-L2416\ILHTVLTTLV	2	0
>NF1-L2416\ILHTLLTLVnk	39	>NF1-L2416\ILHTVLTTLVnk	35	4
>NF1-L2416\ILHTLLTLVnk	104	>NF1-L2416\ILHTVLTTLVnk	79	25
>NF1-L2416\ILHTLLTLVnk	86	>NF1-L2416\ILHTVLTTLVnk	84	2
>NF1-L2416\ILHTLLTL	674	>NF1-L2416\ILHTVLTTL	435	239
>NF1-L2416\ILHTLLTL	488	>NF1-L2416\ILHTVLTTL	402	86
>NF1-L2416\RILHTLLTL	186	>NF1-L2416\RILHTVLTTL	208	22
>NF1-L2416\RILHTLLTLV	64	>NF1-L2416\RILHTVLTTLV	62	2
>NF1-L2416\RILHTLLTLV	319	>NF1-L2416\RILHTVLTTLV	334	15
>NF1-L2416\RILHTLLTL	446	>NF1-L2416\RILHTVLTTL	423	23
>NF1-L2416\RILHTLLTLV	49	>NF1-L2416\RILHTVLTTLV	49	0
>NF1-L2416\RILHTLLTL	36	>NF1-L2416\RILHTVLTTL	127	91
>NF1-L2416\RILHTLLTLV	41	>NF1-L2416\RILHTVLTTLV	55	14
>NF1-L2416\RILHTLLTL	35	>NF1-L2416\RILHTVLTTL	19	16
>NF1-L2416\RILHTLLTLV	9	>NF1-L2416\RILHTVLTTLV	6	3
>NF1-L2416\RILHTLLTL	81	>NF1-L2416\RILHTVLTTL	99	18
>NF1-L2416\RILHTLLTLV	46	>NF1-L2416\RILHTVLTTLV	44	2
>NF1-L2416\RILHTLLTL	164	>NF1-L2416\RILHTVLTTL	84	80
>NF1-L2416\RILHTLLTLV	20	>NF1-L2416\RILHTVLTTLV	15	5
>NF1-L2416\RILHTLLTLV	162	>NF1-L2416\RILHTVLTTLV	97	65
>NF1-L2416\RILHTLLTL	303	>NF1-L2416\RILHTVLTTL	271	32
>NF1-L2416\RILHTLLTLV	16	>NF1-L2416\RILHTVLTTLV	15	1
>NF1-L2416\RILHTLLTL	59	>NF1-L2416\RILHTVLTTL	66	7
>NF1-L2416\RILHTLLTLV	224	>NF1-L2416\RILHTVLTTLV	238	14
>NF1-L2416\RILHTLLTL	17	>NF1-L2416\RILHTVLTTL	12	5
>NF1-L2416\RILHTLLTLV	685	>NF1-L2416\RILHTVLTTLV	420	265
>NF1-L2416\RILHTLLTL	223	>NF1-L2416\RILHTVLTTL	84	139
>NF1-L2416\RILHTLLTL	22	>NF1-L2416\RILHTVLTTL	19	3
>NF1-L2416\RILHTLLTL	241	>NF1-L2416\RILHTVLTTL	104	137
>NF1-L2416\VRILHTLL	929	>NF1-L2416\VRILHTVL	417	512
>NF1-L2416\VRILHTLLTL	454	>NF1-L2416\VRILHTVLTTL	272	182
>NF1-L2416\VRILHTLL	323	>NF1-L2416\VRILHTVL	549	226
>NF1-L2416\VRILHTLLTL	26	>NF1-L2416\VRILHTVLTTL	27	1
>NF1-L2416\VRILHTLLTLV	419	>NF1-L2416\VRILHTVLTTLV	554	135
>NF1-L2416\VRILHTLL	1020	>NF1-L2416\VRILHTVL	182	838
>NF1-L2416\VRILHTLLTL	244	>NF1-L2416\VRILHTVLTTL	106	138
>NF1-L2416\VRILHTLL	101	>NF1-L2416\VRILHTVL	266	165

>NF1-L2416\VRILHTLLT	76	>NF1-L2416\VRILHTVLT	101	25
>NF1-L2416\VRILHTLL	476	>NF1-L2416\VRILHTVL	659	183
>NF1-L2416\VRILHTLLT	40	>NF1-L2416\VRILHTVLT	57	17
>NF1-L2416\VRILHTLLTLV	116	>NF1-L2416\VRILHTVLT	204	88
>NF1-L2416\TVRILHTL	2124	>NF1-L2416\TVRILHTV	329	1795
>NF1-L2416\TVRILHTL	1506	>NF1-L2416\TVRILHTV	56	1450
>NF1-L2416\TVRILHTL	142	>NF1-L2416\TVRILHTV	83	59
>NF1-L2416\TVRILHTLL	126	>NF1-L2416\TVRILHTVL	275	149
>NF1-L2416\TVRILHTLLT	393	>NF1-L2416\TVRILHTVLT	727	334
>NF1-L2416\TVRILHTLLTL	46	>NF1-L2416\TVRILHTVLT	54	8
>NF1-L2416\TVRILHTL	2625	>NF1-L2416\TVRILHTV	328	2297
>NF1-L2416\TVRILHTL	3725	>NF1-L2416\TVRILHTV	421	3304
>NF1-L2416\TVRILHTLLT	158	>NF1-L2416\TVRILHTVLT	131	27
>NF1-L2416\TVRILHTLL	60	>NF1-L2416\TVRILHTVL	102	42
>NF1-L2416\TVRILHTLLTL	209	>NF1-L2416\TVRILHTVLT	316	107
>NF1-L2416\RTVRILHTL	2287	>NF1-L2416\RTVRILHTV	434	1853
>NF1-L2416\RTVRILHTL	339	>NF1-L2416\RTVRILHTV	208	131
>NF1-L2416\RTVRILHTL	523	>NF1-L2416\RTVRILHTV	53	470
>NF1-L2416\RTVRILHTL	38	>NF1-L2416\RTVRILHTV	8	30
>NF1-L2416\RTVRILHTL	326	>NF1-L2416\RTVRILHTV	17	309
>NF1-L2416\RTVRILHTL	905	>NF1-L2416\RTVRILHTV	50	855
>NF1-L2416\RTVRILHTL	6072	>NF1-L2416\RTVRILHTV	198	5874
>NF1-L2416\RTVRILHTL	1040	>NF1-L2416\RTVRILHTV	26	1014
>NF1-L2416\RTVRILHTL	23	>NF1-L2416\RTVRILHTV	298	275
>NF1-L2416\RTVRILHTLL	729	>NF1-L2416\RTVRILHTVL	311	418
>NF1-L2416\RTVRILHTL	268	>NF1-L2416\RTVRILHTV	153	115
>NF1-L2416\RTVRILHTLL	355	>NF1-L2416\RTVRILHTVL	663	308
>NF1-L2416\RTVRILHTL	9	>NF1-L2416\RTVRILHTV	34	25
>NF1-L2416\RTVRILHTLL	46	>NF1-L2416\RTVRILHTVL	25	21
>NF1-L2416\RTVRILHTL	406	>NF1-L2416\RTVRILHTV	41	365
>NF1-L2416\RTVRILHTLL	312	>NF1-L2416\RTVRILHTVL	534	222
>NF1-L2416\RTVRILHTL	748	>NF1-L2416\RTVRILHTV	44	704
>NF1-L2416\RTVRILHTL	4	>NF1-L2416\RTVRILHTV	61	57
>NF1-L2416\RTVRILHTLL	7	>NF1-L2416\RTVRILHTVL	6	1
>NF1-L2416\RTVRILHTL	91	>NF1-L2416\RTVRILHTV	456	365
>NF1-L2416\RTVRILHTLL	343	>NF1-L2416\RTVRILHTVL	393	50
>NF1-L2416\RTVRILHTL	29	>NF1-L2416\RTVRILHTV	228	199
>NF1-L2416\RTVRILHTLL	56	>NF1-L2416\RTVRILHTVL	54	2
>NF1-L2416\RTVRILHTL	135	>NF1-L2416\RTVRILHTV	801	666
>NF1-L2416\RTVRILHTLL	53	>NF1-L2416\RTVRILHTVL	210	157
>NF1-L2416\RTVRILHTL	18	>NF1-L2416\RTVRILHTV	49	31
>NF1-L2416\RTVRILHTLL	90	>NF1-L2416\RTVRILHTVL	136	46
>NF1-L2416\RTVRILHTL	195	>NF1-L2416\RTVRILHTV	1107	912

>NF1-L2416\ARTVRILHTL	32	>NF1-L2416\ARTVRILHTV	241	209
>NF1-L2416\ARTVRILHTLL	61	>NF1-L2416\ARTVRILHTVI	92	31
>NF1-L2416\ARTVRILHTL	125	>NF1-L2416\ARTVRILHTV	706	581
>NF1-L2416\ARTVRILHTLL	48	>NF1-L2416\ARTVRILHTVI	64	16
>NF1-L2416\ARTVRILHTL	96	>NF1-L2416\ARTVRILHTV	468	372
>NF1-L2416\ARTVRILHTLL	6	>NF1-L2416\ARTVRILHTVI	12	6
>NF1-L274R- LILCPEII	184	>NF1-L274R- RILCPEII	183	1
>NF1-L274R- LILCPEIIQDI	137	>NF1-L274R- RILCPEIIQDI	135	2
>NF1-L274R- LILCPEII	3776	>NF1-L274R- RILCPEII	69	3707
>NF1-L274R- LILCPEIIQDI	4316	>NF1-L274R- RILCPEIIQDI	74	4242
>NF1-L274R- LLILCPEI	28	>NF1-L274R- LRILCPEI	20641	20613
>NF1-L274R- LLILCPEII	205	>NF1-L274R- LRILCPEII	22241	22036
>NF1-L274R- LLILCPEI	86	>NF1-L274R- LRILCPEI	11968	11882
>NF1-L274R- LLILCPEII	226	>NF1-L274R- LRILCPEII	9114	8888
>NF1-L274R- LLILCPEI	51	>NF1-L274R- LRILCPEI	17247	17196
>NF1-L274R- LLILCPEII	114	>NF1-L274R- LRILCPEII	18535	18421
>NF1-L274R- LLILCPEI	218	>NF1-L274R- LRILCPEI	13740	13522
>NF1-L274R- LLILCPEI	59	>NF1-L274R- LRILCPEI	24024	23965
>NF1-L274R- LLILCPEII	355	>NF1-L274R- LRILCPEII	28997	28642
>NF1-L274R- LLILCPEI	85	>NF1-L274R- LRILCPEI	22508	22423
>NF1-L274R- LLILCPEII	93	>NF1-L274R- LRILCPEII	23401	23308
>NF1-L274R- LLILCPEI	191	>NF1-L274R- LRILCPEI	23165	22974
>NF1-L274R- LLILCPEI	347	>NF1-L274R- LRILCPEI	24067	23720
>NF1-L274R- LLILCPEI	25	>NF1-L274R- LRILCPEI	29745	29720
>NF1-L274R- LLILCPEII	198	>NF1-L274R- LRILCPEII	35646	35448
>NF1-L274R- LLILCPEIIQ	28812	>NF1-L274R- LRILCPEIIQ	184	28628
>NF1-L274R- AAVWPLQIIL	315	>NF1-L274R- AAVWPLQIIL	23080	22765
>NF1-L274R- AAVWPLQIIL	19540	>NF1-L274R- AAVWPLQIIL	410	19130
>NF1-L274R- AAVWPLQIIL	15662	>NF1-L274R- AAVWPLQIIL	105	15557
>NF1-L274R- AAVWPLQIIL	27532	>NF1-L274R- AAVWPLQIIL	145	27387
>NF1-L274R- AAVWPLQIIL	113	>NF1-L274R- AAVWPLQIIL	11834	11721
>NF1-L274R- AAVWPLQIIL	435	>NF1-L274R- AAVWPLQIIL	15657	15222
>NF1-L274R- ILLILCPEI	21	>NF1-L274R- ILRILCPEI	1416	1395
>NF1-L274R- ILLILCPEII	92	>NF1-L274R- ILRILCPEII	1186	1094
>NF1-L274R- ILLILCPEI	340	>NF1-L274R- ILRILCPEI	1277	937
>NF1-L274R- ILLILCPEII	215	>NF1-L274R- ILRILCPEII	612	397
>NF1-L274R- ILLILCPEI	600	>NF1-L274R- ILRILCPEI	378	222
>NF1-L274R- ILLILCPEII	157	>NF1-L274R- ILRILCPEII	302	145
>NF1-L274R- ILLILCPEI	123	>NF1-L274R- ILRILCPEI	3921	3798
>NF1-L274R- ILLILCPEII	206	>NF1-L274R- ILRILCPEII	3471	3265
>NF1-L274R- ILLILCPEI	13	>NF1-L274R- ILRILCPEI	359	346
>NF1-L274R- ILLILCPEII	35	>NF1-L274R- ILRILCPEII	1494	1459
>NF1-L274R- ILLILCPEI	379	>NF1-L274R- ILRILCPEI	6818	6439

>NF1-L274R- ILLILCPEII	320	>NF1-L274R- ILRILCPEII	7205	6885
>NF1-L274R- ILLILCPEI	10	>NF1-L274R- ILRILCPEI	747	737
>NF1-L274R- ILLILCPEII	69	>NF1-L274R- ILRILCPEII	4529	4460
>NF1-L274R- ILLILCPEI	53	>NF1-L274R- ILRILCPEI	10411	10358
>NF1-L274R- ILLILCPEII	101	>NF1-L274R- ILRILCPEII	11620	11519
>NF1-L274R- ILLILCPEI	15	>NF1-L274R- ILRILCPEI	38	23
>NF1-L274R- ILLILCPEII	92	>NF1-L274R- ILRILCPEII	304	212
>NF1-L274R- ILLILCPEI	9885	>NF1-L274R- ILRILCPEI	454	9431
>NF1-L274R- IILLILCPEI	164	>NF1-L274R- IILRILCPEI	296	132
>NF1-L274R- IILLILCPEI	461	>NF1-L274R- IILRILCPEI	302	159
>NF1-L274R- IILLILCPEI	72	>NF1-L274R- IILRILCPEI	87	15
>NF1-L274R- IILLILCPEII	502	>NF1-L274R- IILRILCPEII	434	68
>NF1-L274R- IILLILCPEI	127	>NF1-L274R- IILRILCPEI	53	74
>NF1-L274R- IILLILCPEII	632	>NF1-L274R- IILRILCPEII	235	397
>NF1-L274R- IILLILCPEI	240	>NF1-L274R- IILRILCPEI	154	86
>NF1-L274R- IILLILCPEI	207	>NF1-L274R- IILRILCPEI	239	32
>NF1-L274R- IILLILCPEII	450	>NF1-L274R- IILRILCPEII	620	170
>NF1-L274R- IILLILCPEI	468	>NF1-L274R- IILRILCPEI	133	335
>NF1-L274R- IILLILCPEII	545	>NF1-L274R- IILRILCPEII	328	217
>NF1-L274R- QIILLILCPEI	348	>NF1-L274R- QIILRILCPEI	347	1
>NF1-L274R- LQIILLIL	27	>NF1-L274R- LQIILRIL	265	238
>NF1-L274R- LQIILLILC	260	>NF1-L274R- LQIILRILC	2463	2203
>NF1-L274R- LQIILLIL	319	>NF1-L274R- LQIILRIL	742	423
>NF1-L274R- LQIILLIL	116	>NF1-L274R- LQIILRIL	155	39
>NF1-L274R- LQIILLIL	495	>NF1-L274R- LQIILRIL	846	351
>NF1-L274R- PLQIILLI	370	>NF1-L274R- PLQIILRI	425	55
>NF1-L274R- PLQIILLIL	277	>NF1-L274R- PLQIILRIL	1816	1539
>NF1-L274R- WPLQIILLI	221	>NF1-L274R- WPLQIILRI	1236	1015
>NF1-L274R- WPLQIILLI	437	>NF1-L274R- WPLQIILRI	791	354
>NF1-L274R- WPLQIILL	84	>NF1-L274R- WPLQIILR	2050	1966
>NF1-L274R- WPLQIILLI	446	>NF1-L274R- WPLQIILRI	446	0
>NF1-L274R- WPLQIILL	63	>NF1-L274R- WPLQIILR	16072	16009
>NF1-L274R- WPLQIILLIL	64	>NF1-L274R- WPLQIILRIL	253	189
>NF1-L274R- WPLQIILLI	213	>NF1-L274R- WPLQIILRI	314	101
>NF1-L274R- WPLQIILL	88	>NF1-L274R- WPLQIILR	7337	7249
>NF1-L274R- WPLQIILLI	28	>NF1-L274R- WPLQIILRI	33	5
>NF1-L274R- WPLQIILLIL	265	>NF1-L274R- WPLQIILRIL	555	290
>NF1-L274R- WPLQIILLI	217	>NF1-L274R- WPLQIILRI	793	576
>NF1-L274R- WPLQIILLILC	421	>NF1-L274R- WPLQIILRILC	814	393
>NF1-L274R- WPLQIILL	192	>NF1-L274R- WPLQIILR	20305	20113
>NF1-L274R- WPLQIILL	63	>NF1-L274R- WPLQIILR	3136	3073
>NF1-L274R- WPLQIILLI	120	>NF1-L274R- WPLQIILRI	148	28
>NF1-L274R- WPLQIILLIL	105	>NF1-L274R- WPLQIILRIL	148	43

>NF1-L274R- WPLQIILL	23072	>NF1-L274R- WPLQIILR	65	23007
>NF1-L274R- WPLQIILLIL	477	>NF1-L274R- WPLQIILRIL	4272	3795
>NF1-L274R- VWPLQIILL	283	>NF1-L274R- VWPLQIILR	17628	17345
>NF1-L274R- VWPLQIILLI	244	>NF1-L274R- VWPLQIILRI	915	671
>NF1-L274R- VWPLQIILL	81	>NF1-L274R- VWPLQIILR	8100	8019
>NF1-L274R- VWPLQIILLI	61	>NF1-L274R- VWPLQIILRI	73	12
>NF1-L274R- VWPLQIILLIL	102	>NF1-L274R- VWPLQIILRIL	256	154
>NF1-L274R- VWPLQIILL	26	>NF1-L274R- VWPLQIILR	11168	11142
>NF1-L274R- VWPLQIILLI	70	>NF1-L274R- VWPLQIILRI	646	576
>NF1-L274R- VWPLQIILLIL	64	>NF1-L274R- VWPLQIILRIL	92	28
>NF1-L274R- VWPLQIILL	7517	>NF1-L274R- VWPLQIILR	23	7494
>NF1-L274R- VWPLQIILL	418	>NF1-L274R- VWPLQIILR	1448	1030
>NF1-L274R- VWPLQIILLIL	402	>NF1-L274R- VWPLQIILRIL	402	0
>NF1-L274R- AVWPLQIILLI	57	>NF1-L274R- AVWPLQIILRI	89	32
>NF1-L274R- AVWPLQIILL	363	>NF1-L274R- AVWPLQIILR	13431	13068
>NF1-L274R- AVWPLQIILL	296	>NF1-L274R- AVWPLQIILR	10706	10410
>NF1-L274R- AVWPLQIILLI	111	>NF1-L274R- AVWPLQIILRI	274	163
>NF1-L274R- AVWPLQIILL	118	>NF1-L274R- AVWPLQIILR	17745	17627
>NF1-L274R- AVWPLQIILLI	83	>NF1-L274R- AVWPLQIILRI	58	25
>NF1-L274R- AVWPLQIILL	92	>NF1-L274R- AVWPLQIILR	19452	19360
>NF1-L274R- AVWPLQIILLI	111	>NF1-L274R- AVWPLQIILRI	184	73
>NF1-L274R- AVWPLQIILL	29	>NF1-L274R- AVWPLQIILR	20078	20049
>NF1-L274R- AVWPLQIILLI	106	>NF1-L274R- AVWPLQIILRI	66	40
>NF1-L274R- AVWPLQIILL	23386	>NF1-L274R- AVWPLQIILR	310	23076
>NF1-L274R- AVWPLQIILL	11623	>NF1-L274R- AVWPLQIILR	74	11549
>NF1-L274R- AVWPLQIILLI	105	>NF1-L274R- AVWPLQIILRI	97	8
>NF1-L274R- AVWPLQIILL	24659	>NF1-L274R- AVWPLQIILR	103	24556
>NF1-L274R- AVWPLQIILLI	1553	>NF1-L274R- AVWPLQIILRI	467	1086
>NF1-L274R- AVWPLQIILL	26982	>NF1-L274R- AVWPLQIILR	124	26858
>NF1-L274R- AVWPLQIILL	5945	>NF1-L274R- AVWPLQIILR	405	5540
>NF1-L274R- AVWPLQIILL	22292	>NF1-L274R- AVWPLQIILR	162	22130
>NF1-L274R- AVWPLQIILLI	61	>NF1-L274R- AVWPLQIILRI	103	42
>NF1-L550P- LVLHQLDSI	28	>NF1-L550P- PVLHQLDSI	3432	3404
>NF1-L550P- LVLHQLDSI	488	>NF1-L550P- PVLHQLDSI	7890	7402
>NF1-L550P- LLVLHQLDSI	359	>NF1-L550P- LPVLHQLDSI	25339	24980
>NF1-L550P- LLVLHQLDSI	108	>NF1-L550P- LPVLHQLDSI	15169	15061
>NF1-L550P- LLVLHQLDSI	83	>NF1-L550P- LPVLHQLDSI	15859	15776
>NF1-L550P- LLVLHQLDSI	207	>NF1-L550P- LPVLHQLDSI	9690	9483
>NF1-L550P- LLVLHQLDSI	160	>NF1-L550P- LPVLHQLDSI	27957	27797
>NF1-L550P- LLVLHQLDSI	193	>NF1-L550P- LPVLHQLDSI	23173	22980
>NF1-L550P- LLVLHQLDSI	65	>NF1-L550P- LPVLHQLDSI	35803	35738
>NF1-L550P- LLVLHQLDSI	20562	>NF1-L550P- LPVLHQLDSI	386	20176
>NF1-L550P- LLVLHQLDSI	23181	>NF1-L550P- LPVLHQLDSI	92	23089

>NF1-L550P- EIAQEAMEAL	100	>NF1-L550P- EIAQEAMEAL	13612	13512
>NF1-L550P- EIAQEAMEAL	270	>NF1-L550P- EIAQEAMEAL	16043	15773
>NF1-L550P- ALLVLHQL	86	>NF1-L550P- ALPVLHQL	526	440
>NF1-L550P- ALLVLHQLDS	216	>NF1-L550P- ALPVLHQLDS	1929	1713
>NF1-L550P- ALLVLHQL	63	>NF1-L550P- ALPVLHQL	35	28
>NF1-L550P- ALLVLHQLDS	208	>NF1-L550P- ALPVLHQLDS	132	76
>NF1-L550P- ALLVLHQL	427	>NF1-L550P- ALPVLHQL	186	241
>NF1-L550P- ALLVLHQLDS	372	>NF1-L550P- ALPVLHQLDS	151	221
>NF1-L550P- ALLVLHQL	195	>NF1-L550P- ALPVLHQL	560	365
>NF1-L550P- ALLVLHQLDS	211	>NF1-L550P- ALPVLHQLDS	565	354
>NF1-L550P- ALLVLHQL	6	>NF1-L550P- ALPVLHQL	28	22
>NF1-L550P- ALLVLHQLDS	13	>NF1-L550P- ALPVLHQLDS	93	80
>NF1-L550P- ALLVLHQL	39	>NF1-L550P- ALPVLHQL	380	341
>NF1-L550P- ALLVLHQLDS	50	>NF1-L550P- ALPVLHQLDS	683	633
>NF1-L550P- ALLVLHQL	9	>NF1-L550P- ALPVLHQL	42	33
>NF1-L550P- ALLVLHQLDS	28	>NF1-L550P- ALPVLHQLDS	222	194
>NF1-L550P- ALLVLHQL	19	>NF1-L550P- ALPVLHQL	335	316
>NF1-L550P- ALLVLHQLDS	221	>NF1-L550P- ALPVLHQLDS	5247	5026
>NF1-L550P- ALLVLHQL	3	>NF1-L550P- ALPVLHQL	4	1
>NF1-L550P- ALLVLHQLDS	22	>NF1-L550P- ALPVLHQLDS	46	24
>NF1-L550P- ALLVLHQLDS	145	>NF1-L550P- ALPVLHQLDS	527	382
>NF1-L550P- EALLVLHQL	292	>NF1-L550P- EALPVLHQL	58	234
>NF1-L550P- EALLVLHQL	12	>NF1-L550P- EALPVLHQL	7	5
>NF1-L550P- EALLVLHQL	2188	>NF1-L550P- EALPVLHQL	306	1882
>NF1-L550P- MEALLVLH	450	>NF1-L550P- MEALPVLH	240	210
>NF1-L550P- MEALLVLHQI	12	>NF1-L550P- MEALPVLHQI	78	66
>NF1-L550P- MEALLVLHQI	363	>NF1-L550P- MEALPVLHQI	2441	2078
>NF1-L550P- MEALLVLHQI	167	>NF1-L550P- MEALPVLHQI	484	317
>NF1-L550P- MEALLVLHQI	25	>NF1-L550P- MEALPVLHQI	29	4
>NF1-L550P- MEALLVLHQI	131	>NF1-L550P- MEALPVLHQI	394	263
>NF1-L550P- MEALLVLHQI	265	>NF1-L550P- MEALPVLHQI	789	524
>NF1-L550P- MEALLVLHQI	122	>NF1-L550P- MEALPVLHQI	233	111
>NF1-L550P- AMEALLVL	304	>NF1-L550P- AMEALPVL	386	82
>NF1-L550P- AMEALLVLHC	98	>NF1-L550P- AMEALPVLHC	137	39
>NF1-L550P- AMEALLVL	66	>NF1-L550P- AMEALPVL	96	30
>NF1-L550P- AMEALLVLHC	9	>NF1-L550P- AMEALPVLHC	13	4
>NF1-L550P- AMEALLVLHC	168	>NF1-L550P- AMEALPVLHC	223	55
>NF1-L550P- AMEALLVL	393	>NF1-L550P- AMEALPVL	726	333
>NF1-L550P- AMEALLVLHC	243	>NF1-L550P- AMEALPVLHC	699	456
>NF1-L550P- AMEALLVL	100	>NF1-L550P- AMEALPVL	65	35
>NF1-L550P- AMEALLVLHC	20	>NF1-L550P- AMEALPVLHC	15	5
>NF1-L550P- AMEALLVL	144	>NF1-L550P- AMEALPVL	130	14
>NF1-L550P- AMEALLVLHC	56	>NF1-L550P- AMEALPVLHC	69	13

>NF1-L550P- AMEALLVL	541	>NF1-L550P- AMEALPVL	257	284
>NF1-L550P- AMEALLVLHC	106	>NF1-L550P- AMEALPVLHC	104	2
>NF1-L550P- AMEALLVLHC	471	>NF1-L550P- AMEALPVLHC	460	11
>NF1-L550P- AMEALLVL	14	>NF1-L550P- AMEALPVL	18	4
>NF1-L550P- AMEALLVLHC	4	>NF1-L550P- AMEALPVLHC	5	1
>NF1-L550P- AMEALLVL	216	>NF1-L550P- AMEALPVL	151	65
>NF1-L550P- AMEALLVLHC	550	>NF1-L550P- AMEALPVLHC	227	323
>NF1-L550P- EAMEALLV	108	>NF1-L550P- EAMEALPV	58	50
>NF1-L550P- EAMEALLVL	511	>NF1-L550P- EAMEALPVL	305	206
>NF1-L550P- EAMEALLV	273	>NF1-L550P- EAMEALPV	176	97
>NF1-L550P- EAMEALLVL	1078	>NF1-L550P- EAMEALPVL	202	876
>NF1-L550P- EAMEALLVL	807	>NF1-L550P- EAMEALPVL	430	377
>NF1-L550P- EAMEALLVL	179	>NF1-L550P- EAMEALPVL	29	150
>NF1-L550P- EAMEALLV	12	>NF1-L550P- EAMEALPV	9	3
>NF1-L550P- EAMEALLVL	111	>NF1-L550P- EAMEALPVL	343	232
>NF1-L550P- EAMEALLV	4	>NF1-L550P- EAMEALPV	3	1
>NF1-L550P- EAMEALLVL	16	>NF1-L550P- EAMEALPVL	8	8
>NF1-L550P- EAMEALLVLF	946	>NF1-L550P- EAMEALPVLf	430	516
>NF1-L550P- EAMEALLVL	309	>NF1-L550P- EAMEALPVL	674	365
>NF1-L550P- EAMEALLVL	417	>NF1-L550P- EAMEALPVL	409	8
>NF1-L550P- EAMEALLVL	182	>NF1-L550P- EAMEALPVL	260	78
>NF1-L550P- QEAMEALL	14	>NF1-L550P- QEAMEALP	599	585
>NF1-L550P- QEAMEALLV	13	>NF1-L550P- QEAMEALPV	42	29
>NF1-L550P- QEAMEALLVI	56	>NF1-L550P- QEAMEALPV	90	34
>NF1-L550P- QEAMEALL	118	>NF1-L550P- QEAMEALP	9342	9224
>NF1-L550P- QEAMEALLV	529	>NF1-L550P- QEAMEALPV	308	221
>NF1-L550P- QEAMEALLVI	144	>NF1-L550P- QEAMEALPV	162	18
>NF1-L550P- QEAMEALLV	240	>NF1-L550P- QEAMEALPV	83	157
>NF1-L550P- QEAMEALLV	151	>NF1-L550P- QEAMEALPV	225	74
>NF1-L550P- QEAMEALLVI	112	>NF1-L550P- QEAMEALPV	70	42
>NF1-L550P- AQEAMEALL'	314	>NF1-L550P- AQEAMEALP'	254	60
>NF1-L550P- AQEAMEALL	189	>NF1-L550P- AQEAMEALP	21792	21603
>NF1-L550P- AQEAMEALL'	49	>NF1-L550P- AQEAMEALP'	60	11
>NF1-L550P- AQEAMEALL'	383	>NF1-L550P- AQEAMEALP'	563	180
>NF1-L550P- IAQEAMEALL	123	>NF1-L550P- IAQEAMEALF	67	56
>NF1-L550P- IAQEAMEALL	682	>NF1-L550P- IAQEAMEALF	391	291
>NF1-L550P- IAQEAMEALL	337	>NF1-L550P- IAQEAMEALF	473	136
>NF1-L550P- IAQEAMEALL	1251	>NF1-L550P- IAQEAMEALF	333	918
>NF1-L550P- IAQEAMEALL	196	>NF1-L550P- IAQEAMEALF	20562	20366
>NF1-N1984' NEKQMYPsi	12	>NF1-N1984' TEKQMYPsi	12	0
>NF1-N1984' NEKQMYPs	378	>NF1-N1984' TEKQMYPs	1676	1298
>NF1-N1984' NEKQMYPsi	273	>NF1-N1984' TEKQMYPsi	1258	985
>NF1-N1984' NEKQMYPs	572	>NF1-N1984' TEKQMYPs	121	451



>NF1-N1984' NEKQMYP	54	>NF1-N1984' TEKQMYP	22	32
>NF1-N1984' NEKQMYP	507	>NF1-N1984' TEKQMYP	157	350
>NF1-N1984' NEKQMYP	260	>NF1-N1984' TEKQMYP	247	13
>NF1-N1984' NEKQMYP	137	>NF1-N1984' TEKQMYP	132	5
>NF1-N1984' NEKQMYP	41	>NF1-N1984' TEKQMYP	39	2
>NF1-N1984' NEKQMYP	9	>NF1-N1984' TEKQMYP	6	3
>NF1-N1984' NEKQMYP	558	>NF1-N1984' TEKQMYP	299	259
>NF1-N1984' INEKQMYP	23463	>NF1-N1984' ITEKQMYP	112	23351
>NF1-N1984' INEKQMYP	8477	>NF1-N1984' ITEKQMYP	379	8098
>NF1-N1984' TINEKQMYP	75	>NF1-N1984' TITEKQMYP	534	459
>NF1-N1984' TINEKQMYP	798	>NF1-N1984' TITEKQMYP	419	379
>NF1-N1984' TINEKQMYP	304	>NF1-N1984' TITEKQMYP	934	630
>NF1-N1984' TINEKQMYP	405	>NF1-N1984' TITEKQMYP	228	177
>NF1-N1984' TINEKQMY	594	>NF1-N1984' TITEKQMY	477	117
>NF1-N1984' TINEKQMY	417	>NF1-N1984' TITEKQMY	856	439
>NF1-N1984' TINEKQMYP	136	>NF1-N1984' TITEKQMYP	299	163
>NF1-N1984' MTINEKQM	436	>NF1-N1984' MTITEKQM	1385	949
>NF1-N1984' MTINEKQMY	33	>NF1-N1984' MTITEKQMY	112	79
>NF1-N1984' MTINEKQM	71	>NF1-N1984' MTITEKQM	37	34
>NF1-N1984' MTINEKQMY	56	>NF1-N1984' MTITEKQMY	21	35
>NF1-N1984' MTINEKQMY	38	>NF1-N1984' MTITEKQMY	40	2
>NF1-N1984' MTINEKQMY	142	>NF1-N1984' MTITEKQMY	165	23
>NF1-N1984' MTINEKQMY	64	>NF1-N1984' MTITEKQMY	78	14
>NF1-N1984' MTINEKQMY	80	>NF1-N1984' MTITEKQMY	64	16
>NF1-N1984' MTINEKQMY	337	>NF1-N1984' MTITEKQMY	998	661
>NF1-N1984' MTINEKQMY	215	>NF1-N1984' MTITEKQMY	322	107
>NF1-N1984' MTINEKQM	12	>NF1-N1984' MTITEKQM	12	0
>NF1-N1984' MTINEKQMY	9	>NF1-N1984' MTITEKQMY	9	0
>NF1-N1984' MTINEKQMY	18	>NF1-N1984' MTITEKQMY	37	19
>NF1-N1984' TMTINEKQM	455	>NF1-N1984' TMTITEKQM	553	98
>NF1-N1984' TMTINEKQM	334	>NF1-N1984' TMTITEKQM	222	112
>NF1-N1984' TMTINEKQM	513	>NF1-N1984' TMTITEKQM	423	90
>NF1-N1984' TMTINEKQM	315	>NF1-N1984' TMTITEKQM	353	38
>NF1-N1984' ITMTINEKQM	390	>NF1-N1984' ITMTITEKQM	329	61
>NF1-N1984' ITMTINEK	121	>NF1-N1984' ITMTITEK	63	58
>NF1-N1984' ITMTINEK	13	>NF1-N1984' ITMTITEK	10	3
>NF1-N1984' ITMTINEKQM	316	>NF1-N1984' ITMTITEKQM	210	106
>NF1-N1984' ITMTINEKQM	403	>NF1-N1984' ITMTITEKQM	179	224
>NF1-N1984' ITMTINEKQM	94	>NF1-N1984' ITMTITEKQM	64	30
>NF1-N1984' ITMTINEK	137	>NF1-N1984' ITMTITEK	294	157
>NF1-N1984' ITMTINEKQM	47	>NF1-N1984' ITMTITEKQM	55	8
>NF1-N1984' ITMTINEK	354	>NF1-N1984' ITMTITEK	159	195
>NF1-N1984' ITMTINEK	6	>NF1-N1984' ITMTITEK	6	0

>NF1-N1984' ITMTINEKQ	293	>NF1-N1984' ITMTITEKQ	189	104
>NF1-N1984' ITMTINEKQM	155	>NF1-N1984' ITMTITEKQM	139	16
>NF1-N1984' ITMTINEKQM	465	>NF1-N1984' ITMTITEKQM	160	305
>NF1-N1984' ITMTINEKQM	202	>NF1-N1984' ITMTITEKQM	203	1
>NF1-N1984' ITMTINEKQM	11	>NF1-N1984' ITMTITEKQM	10	1
>NF1-N1984' ITMTINEKQM	9	>NF1-N1984' ITMTITEKQM	8	1
>NF1-N1984' ITMTINEKQM	320	>NF1-N1984' ITMTITEKQM	219	101
>NF1-N1984' ITMTINEKQM	221	>NF1-N1984' ITMTITEKQM	165	56
>NF1-N1984' ITMTINEKQM	583	>NF1-N1984' ITMTITEKQM	230	353
>NF1-N1984' ITMTINEKQM	680	>NF1-N1984' ITMTITEKQM	367	313
>NF1-N1984' ITMTINEKQ	373	>NF1-N1984' ITMTITEKQ	711	338
>NF1-N1984' ITMTINEKQM	93	>NF1-N1984' ITMTITEKQM	93	0
>NF1-N1984' ITMTINEKQM	5	>NF1-N1984' ITMTITEKQM	6	1
>NF1-N1984' ITMTINEK	672	>NF1-N1984' ITMTITEK	367	305
>NF1-N1984' LITMTINEK	153	>NF1-N1984' LITMTITEK	107	46
>NF1-N1984' LITMTINEK	98	>NF1-N1984' LITMTITEK	105	7
>NF1-N1984' KLITMTIN	7841	>NF1-N1984' KLITMTIT	93	7748
>NF1-N1984' KLITMTINEK	34	>NF1-N1984' KLITMTITEK	19	15
>NF1-N1984' KLITMTINEK	42	>NF1-N1984' KLITMTITEK	30	12
>NF1-N1984' KLITMTINEK	39	>NF1-N1984' KLITMTITEK	101	62
>NF1-N1984' KLITMTINEK	488	>NF1-N1984' KLITMTITEK	533	45
>NF1-N1984' KLITMTINE	1222	>NF1-N1984' KLITMTITE	116	1106
>NF1-N1984' KLITMTINEKC	946	>NF1-N1984' KLITMTITEKC	358	588
>NF1-P1951L PWLSNLVRF	1297	>NF1-P1951L LWLSNLVRF	339	958
>NF1-P1951L PWLSNLVRF	22	>NF1-P1951L LWLSNLVRF	14	8
>NF1-P1951L PWLSNLVRFC	714	>NF1-P1951L LWLSNLVRFC	394	320
>NF1-P1951L PWLSNLVRF	362	>NF1-P1951L LWLSNLVRF	155	207
>NF1-P1951L PWLSNLVRF	22	>NF1-P1951L LWLSNLVRF	6	16
>NF1-P1951L PWLSNLVR	3919	>NF1-P1951L LWLSNLVR	423	3496
>NF1-P1951L PWLSNLVRFC	3660	>NF1-P1951L LWLSNLVRFC	440	3220
>NF1-P1951L PWLSNLVRF	2321	>NF1-P1951L LWLSNLVRF	322	1999
>NF1-P1951L PWLSNLVR	18	>NF1-P1951L LWLSNLVR	28	10
>NF1-P1951L PWLSNLVRFC	285	>NF1-P1951L LWLSNLVRFC	251	34
>NF1-P1951L PWLSNLVR	998	>NF1-P1951L LWLSNLVR	269	729
>NF1-P1951L PWLSNLVRF	672	>NF1-P1951L LWLSNLVRF	159	513
>NF1-P1951L PWLSNLVRFC	918	>NF1-P1951L LWLSNLVRFC	227	691
>NF1-P1951L TPWLSNLV	227	>NF1-P1951L TLWLSNLV	21556	21329
>NF1-P1951L TPWLSNLVRF	176	>NF1-P1951L TLWLSNLVRF	30993	30817
>NF1-P1951L TPWLSNLV	18435	>NF1-P1951L TLWLSNLV	17	18418
>NF1-P1951L TPWLSNLV	20747	>NF1-P1951L TLWLSNLV	40	20707
>NF1-P1951L TPWLSNLV	20860	>NF1-P1951L TLWLSNLV	89	20771
>NF1-P1951L TPWLSNLV	13382	>NF1-P1951L TLWLSNLV	178	13204
>NF1-P1951L TPWLSNLV	17637	>NF1-P1951L TLWLSNLV	8	17629

>NF1-P1951L TPWLSNLVRF	26930	>NF1-P1951L TLWLSNLVRF	245	26685
>NF1-P1951L TPWLSNLV	22238	>NF1-P1951L TLWLSNLV	16	22222
>NF1-P1951L TPWLSNLV	16302	>NF1-P1951L TLWLSNLV	8	16294
>NF1-P1951L TPWLSNLV	22265	>NF1-P1951L TLWLSNLV	7	22258
>NF1-P1951L TPWLSNLV	25735	>NF1-P1951L TLWLSNLV	6	25729
>NF1-P1951L TPWLSNLVR	5766	>NF1-P1951L TLWLSNLVR	183	5583
>NF1-P1951L TPWLSNLVRF	17855	>NF1-P1951L TLWLSNLVRF	208	17647
>NF1-P1951L TPWLSNLVR	2489	>NF1-P1951L TLWLSNLVR	240	2249
>NF1-P1951L TPWLSNLVR	1497	>NF1-P1951L TLWLSNLVR	192	1305
>NF1-P1951L TPWLSNLV	3515	>NF1-P1951L TLWLSNLV	394	3121
>NF1-P1951L TPWLSNLV	306	>NF1-P1951L TLWLSNLV	102	204
>NF1-P1951L TPWLSNLVRF	698	>NF1-P1951L TLWLSNLVRF	83	615
>NF1-P1951L TPWLSNLVRF	5138	>NF1-P1951L TLWLSNLVRF	236	4902
>NF1-P1951L TPWLSNLV	408	>NF1-P1951L TLWLSNLV	23187	22779
>NF1-P1951L TPWLSNLV	61	>NF1-P1951L TLWLSNLV	16075	16014
>NF1-P1951L TPWLSNLVRF	160	>NF1-P1951L TLWLSNLVRF	22355	22195
>NF1-P1951L TPWLSNLVR	98	>NF1-P1951L TLWLSNLVR	43	55
>NF1-P1951L LKHLCLEYMT	1509	>NF1-P1951L LKHLCLEYMT	48	1461
>NF1-P1951L MTPWLSNL	231	>NF1-P1951L MTLWLSNL	79	152
>NF1-P1951L MTPWLSNLV	699	>NF1-P1951L MTLWLSNLV	386	313
>NF1-P1951L MTPWLSNL	2358	>NF1-P1951L MTLWLSNL	192	2166
>NF1-P1951L MTPWLSNLV	569	>NF1-P1951L MTLWLSNLV	40	529
>NF1-P1951L MTPWLSNL	214	>NF1-P1951L MTLWLSNL	175	39
>NF1-P1951L MTPWLSNLV	30	>NF1-P1951L MTLWLSNLV	24	6
>NF1-P1951L MTPWLSNL	383	>NF1-P1951L MTLWLSNL	647	264
>NF1-P1951L MTPWLSNLV	92	>NF1-P1951L MTLWLSNLV	194	102
>NF1-P1951L MTPWLSNL	468	>NF1-P1951L MTLWLSNL	78	390
>NF1-P1951L MTPWLSNLV	36	>NF1-P1951L MTLWLSNLV	10	26
>NF1-P1951L MTPWLSNL	363	>NF1-P1951L MTLWLSNL	36	327
>NF1-P1951L MTPWLSNLV	60	>NF1-P1951L MTLWLSNLV	8	52
>NF1-P1951L MTPWLSNLV	4826	>NF1-P1951L MTLWLSNLV	369	4457
>NF1-P1951L MTPWLSNL	3342	>NF1-P1951L MTLWLSNL	338	3004
>NF1-P1951L MTPWLSNLV	229	>NF1-P1951L MTLWLSNLV	34	195
>NF1-P1951L MTPWLSNLV	7573	>NF1-P1951L MTLWLSNLV	190	7383
>NF1-P1951L MTPWLSNL	787	>NF1-P1951L MTLWLSNL	327	460
>NF1-P1951L MTPWLSNLV	97	>NF1-P1951L MTLWLSNLV	37	60
>NF1-P1951L MTPWLSNLV	1622	>NF1-P1951L MTLWLSNLV	235	1387
>NF1-P1951L MTPWLSNLV	115	>NF1-P1951L MTLWLSNLV	58	57
>NF1-P1951L MTPWLSNLV	1889	>NF1-P1951L MTLWLSNLV	470	1419
>NF1-P1951L MTPWLSNLV	51	>NF1-P1951L MTLWLSNLV	82	31
>NF1-P1951L MTPWLSNLV	494	>NF1-P1951L MTLWLSNLV	371	123
>NF1-P1951L MTPWLSNLV	2192	>NF1-P1951L MTLWLSNLV	331	1861
>NF1-P1951L MTPWLSNLV	5398	>NF1-P1951L MTLWLSNLV	364	5034

>NF1-P1951L MTPWLSNLV	55	>NF1-P1951L MTLWLSNLV	16	39
>NF1-P1951L MTPWLSNL	552	>NF1-P1951L MTLWLSNL	163	389
>NF1-P1951L MTPWLSNLV	1216	>NF1-P1951L MTLWLSNLV	368	848
>NF1-P1951L MTPWLSNLV	59	>NF1-P1951L MTLWLSNLV	17	42
>NF1-P1951L MTPWLSNLV	426	>NF1-P1951L MTLWLSNLV	236	190
>NF1-P1951L MTPWLSNLV	6	>NF1-P1951L MTLWLSNLV	8	2
>NF1-P1951L MTPWLSNL	10	>NF1-P1951L MTLWLSNL	32	22
>NF1-P1951L MTPWLSNLV	5	>NF1-P1951L MTLWLSNLV	6	1
>NF1-P1951L MTPWLSNL	226	>NF1-P1951L MTLWLSNL	10	216
>NF1-P1951L MTPWLSNLV	22	>NF1-P1951L MTLWLSNLV	4	18
>NF1-P1951L MTPWLSNLV	2178	>NF1-P1951L MTLWLSNLV	216	1962
>NF1-P1951L MTPWLSNL	126	>NF1-P1951L MTLWLSNL	6	120
>NF1-P1951L MTPWLSNLV	28	>NF1-P1951L MTLWLSNLV	3	25
>NF1-P1951L MTPWLSNLV	943	>NF1-P1951L MTLWLSNLV	175	768
>NF1-P1951L MTPWLSNLV	4435	>NF1-P1951L MTLWLSNLV	32	4403
>NF1-P1951L MTPWLSNL	106	>NF1-P1951L MTLWLSNL	20606	20500
>NF1-P1951L MTPWLSNLV	2	>NF1-P1951L MTLWLSNLV	341	339
>NF1-P1951L MTPWLSNLV	98	>NF1-P1951L MTLWLSNLV	15208	15110
>NF1-P1951L MTPWLSNLV	3	>NF1-P1951L MTLWLSNLV	1187	1184
>NF1-P1951L MTPWLSNL	709	>NF1-P1951L MTLWLSNL	179	530
>NF1-P1951L MTPWLSNLV	477	>NF1-P1951L MTLWLSNLV	21	456
>NF1-P1951L MTPWLSNLV	167	>NF1-P1951L MTLWLSNLV	14	153
>NF1-P1951L MTPWLSNLV	91	>NF1-P1951L MTLWLSNLV	59	32
>NF1-P1951L MTPWLSNL	411	>NF1-P1951L MTLWLSNL	208	203
>NF1-P1951L YMTPWLSNL	532	>NF1-P1951L YMTLWLSNL	330	202
>NF1-P1951L YMTPWLSNL	8	>NF1-P1951L YMTLWLSNL	13	5
>NF1-P1951L YMTPWLSNL	11	>NF1-P1951L YMTLWLSNL	15	4
>NF1-P1951L YMTPWLSNL	4	>NF1-P1951L YMTLWLSNL	9	5
>NF1-P1951L YMTPWLSNL	9	>NF1-P1951L YMTLWLSNL	13	4
>NF1-P1951L YMTPWLSNL	3	>NF1-P1951L YMTLWLSNL	5	2
>NF1-P1951L YMTPWLSNL	8	>NF1-P1951L YMTLWLSNL	10	2
>NF1-P1951L YMTPWLSNL	5	>NF1-P1951L YMTLWLSNL	28	23
>NF1-P1951L YMTPWLSNL	24	>NF1-P1951L YMTLWLSNL	34	10
>NF1-P1951L YMTPWLSN	182	>NF1-P1951L YMTLWLSN	924	742
>NF1-P1951L YMTPWLSNL	2	>NF1-P1951L YMTLWLSNL	3	1
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>NF1-P1951L YMTPWLSNL	2	>NF1-P1951L YMTLWLSNL	3	1
>NF1-P1951L YMTPWLSNL	6	>NF1-P1951L YMTLWLSNL	9	3
>NF1-P1951L YMTPWLSNL	4	>NF1-P1951L YMTLWLSNL	5	1
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>NF1-P1951L YMTPWLSNL	3	>NF1-P1951L YMTLWLSNL	3	0
>NF1-P1951L YMTPWLSN	114	>NF1-P1951L YMTLWLSN	960	846

>NF1-P1951L YMTPWLSNL	1	>NF1-P1951L YMTLWLSNL	2	1
>NF1-P1951L YMTPWLSNL	1	>NF1-P1951L YMTLWLSNL	2	1
>NF1-P1951L YMTPWLSNL	217	>NF1-P1951L YMTLWLSNL	2038	1821
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>NF1-P1951L YMTPWLSNL	190	>NF1-P1951L YMTLWLSNL	637	447
>NF1-P1951L YMTPWLSNL	37	>NF1-P1951L YMTLWLSNL	98	61
>NF1-P1951L YMTPWLSNL	106	>NF1-P1951L YMTLWLSNL	323	217
>NF1-P1951L YMTPWLSNL	434	>NF1-P1951L YMTLWLSNL	1296	862
>NF1-P1951L YMTPWLSNL	184	>NF1-P1951L YMTLWLSNL	1569	1385
>NF1-P1951L YMTPWLSNL	385	>NF1-P1951L YMTLWLSNL	988	603
>NF1-P1951L YMTPWLSNL	226	>NF1-P1951L YMTLWLSNL	529	303
>NF1-P1951L YMTPWLSNL	147	>NF1-P1951L YMTLWLSNL	148	1
>NF1-P1951L EYMTPWLSN	1075	>NF1-P1951L EYMTLWLSN	133	942
>NF1-P1951L EYMTPWLSN	92	>NF1-P1951L EYMTLWLSN	115	23
>NF1-P1951L EYMTPWLSN	266	>NF1-P1951L EYMTLWLSN	306	40
>NF1-P1951L EYMTPWLSN	417	>NF1-P1951L EYMTLWLSN	223	194
>NF1-P1951L EYMTPWLSN	56	>NF1-P1951L EYMTLWLSN	49	7
>NF1-P1951L EYMTPWLSN	74	>NF1-P1951L EYMTLWLSN	185	111
>NF1-P1951L EYMTPWLSN	42	>NF1-P1951L EYMTLWLSN	60	18
>NF1-P1951L EYMTPWLSN	390	>NF1-P1951L EYMTLWLSN	762	372
>NF1-P1951L EYMTPWLSN	85	>NF1-P1951L EYMTLWLSN	58	27
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>NF1-P1951L LEYMTPWLS	1044	>NF1-P1951L LEYMTLWLS	206	838
>NF1-P1951L LEYMTPWLSI	29	>NF1-P1951L LEYMTLWLSI	12	17
>NF1-P1951L LEYMTPWLSI	182	>NF1-P1951L LEYMTLWLSI	313	131
>NF1-P1951L LEYMTPWL	110	>NF1-P1951L LEYMTLWL	56	54
>NF1-P1951L LEYMTPWLS	389	>NF1-P1951L LEYMTLWLS	63	326
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>NF1-P1951L LEYMTPWL	23	>NF1-P1951L LEYMTLWL	17	6
>NF1-P1951L LEYMTPWLSI	52	>NF1-P1951L LEYMTLWLSI	36	16
>NF1-P1951L LEYMTPWL	163	>NF1-P1951L LEYMTLWL	113	50
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>NF1-P1951L LEYMTPWLSI	59	>NF1-P1951L LEYMTLWLSI	43	16
>NF1-P1951L LEYMTPWL	468	>NF1-P1951L LEYMTLWL	318	150
>NF1-P1951L LEYMTPWLSI	24	>NF1-P1951L LEYMTLWLSI	12	12
>NF1-P1951L CLEYMTPWL	332	>NF1-P1951L CLEYMTLWL	658	326
>NF1-P1951L CLEYMTPWL	43	>NF1-P1951L CLEYMTLWL	146	103
>NF1-P1951L LCLEYMTP	20008	>NF1-P1951L LCLEYMTL	448	19560
>NF1-P1951L LCLEYMTPWI	456	>NF1-P1951L LCLEYMTLWI	864	408

>NF1-P1951L LCLEYMTPWI	463	>NF1-P1951L LCLEYMTLWI	1228	765
>NF1-P1951L LCLEYMTPW	57	>NF1-P1951L LCLEYMTLW	115	58
>NF1-P1951L LCLEYMTPW	1292	>NF1-P1951L LCLEYMTLW	371	921
>NF1-P1951L LCLEYMTPW	193	>NF1-P1951L LCLEYMTLW	157	36
>NF1-P1951L LCLEYMTPW	264	>NF1-P1951L LCLEYMTLW	267	3
>NF1-P1951L HLCLEYMTP	11215	>NF1-P1951L HLCLEYMTL	272	10943
>NF1-P1951L HLCLEYMTPV	108	>NF1-P1951L HLCLEYMTLV	165	57
>NF1-P1951L HLCLEYMTP	21689	>NF1-P1951L HLCLEYMTL	442	21247
>NF1-P1951L HLCLEYMTPV	439	>NF1-P1951L HLCLEYMTLV	761	322
>NF1-P1951L HLCLEYMTP	21504	>NF1-P1951L HLCLEYMTL	26	21478
>NF1-P1951L HLCLEYMTPV	21	>NF1-P1951L HLCLEYMTLV	33	12
>NF1-P1951L HLCLEYMTPV	201	>NF1-P1951L HLCLEYMTLV	368	167
>NF1-P1951L HLCLEYMTPV	496	>NF1-P1951L HLCLEYMTLV	228	268
>NF1-P1951L KHLCLEYMTP	4195	>NF1-P1951L KHLCLEYMTL	118	4077
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>NF1-P1951L KHLCLEYMTP	23057	>NF1-P1951L KHLCLEYMTL	296	22761
>NF1-P1951L KHLCLEYMTP	840	>NF1-P1951L KHLCLEYMTL	277	563
>NF1-P1951L KHLCLEYMTP	19	>NF1-P1951L KHLCLEYMTL	18	1
>NF1-P2472F VPMDTYPI	408	>NF1-P2472F VHMDTYPI	15907	15499
>NF1-P2472F VPMDTYPI	34	>NF1-P2472F VHMDTYPI	21462	21428
>NF1-P2472F VPMDTYPI	2641	>NF1-P2472F VHMDTYPI	335	2306
>NF1-P2472F VPMDTYPI	168	>NF1-P2472F VHMDTYPI	15352	15184
>NF1-P2472F VPMDTYPIH	330	>NF1-P2472F VHMDTYPIH	18904	18574
>NF1-P2472F VPMDTYPIH	371	>NF1-P2472F VHMDTYPIH	35718	35347
>NF1-P2472F VPMDTYPI	390	>NF1-P2472F VHMDTYPI	71	319
>NF1-P2472F VPMDTYPI	111	>NF1-P2472F VHMDTYPI	8810	8699
>NF1-P2472F VPMDTYPI	71	>NF1-P2472F VHMDTYPI	11618	11547
>NF1-P2472F VPMDTYPI	72	>NF1-P2472F VHMDTYPI	18368	18296
>NF1-P2472F VPMDTYPIH	410	>NF1-P2472F VHMDTYPIH	31212	30802
>NF1-P2472F VPMDTYPI	221	>NF1-P2472F VHMDTYPI	613	392
>NF1-P2472F NVPMDTYPI	1243	>NF1-P2472F NVHMDTYPI	446	797
>NF1-P2472F NVPMDTYPI	284	>NF1-P2472F NVHMDTYPI	788	504
>NF1-P2472F NVPMDTYPI	337	>NF1-P2472F NVHMDTYPI	261	76
>NF1-P2472F NVPMDTYPI	10	>NF1-P2472F NVHMDTYPI	10	0
>NF1-P2472F NVPMDTYPI	410	>NF1-P2472F NVHMDTYPI	267	143
>NF1-P2472F ENVPMDTY	98	>NF1-P2472F ENVHMDTY	85	13
>NF1-P2472F ENVPMDTYP	914	>NF1-P2472F ENVHMDTYP	442	472
>NF1-P2472F ENVPMDTY	486	>NF1-P2472F ENVHMDTY	398	88
>NF1-P2472F MENVPMDTY	39	>NF1-P2472F MENVHMDTY	13	26
>NF1-P2472F MENVPMDTY	120	>NF1-P2472F MENVHMDTY	37	83
>NF1-P2472F MENVPMDTY	687	>NF1-P2472F MENVHMDTY	300	387
>NF1-P2472F MENVPMDTY	668	>NF1-P2472F MENVHMDTY	246	422
>NF1-P2472F MENVPMDTY	101	>NF1-P2472F MENVHMDTY	95	6

>NF1-P2472F MENVPMDT	86	>NF1-P2472F MENVHMDT	44	42
>NF1-P2472F MENVPMDT	167	>NF1-P2472F MENVHMDT	305	138
>NF1-P2472F MENVPMDT	482	>NF1-P2472F MENVHMDT	763	281
>NF1-P2472F MENVPMDT	332	>NF1-P2472F MENVHMDT	141	191
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>NF1-P2472F MENVPMDT	71	>NF1-P2472F MENVHMDT	43	28
>NF1-P2472F MENVPMDT	11	>NF1-P2472F MENVHMDT	9	2
>NF1-P2472F SMENVPM D	461	>NF1-P2472F SMENVHMD	292	169
>NF1-P2472F SMENVPM D	230	>NF1-P2472F SMENVHMD	256	26
>NF1-P2472F SMENVPM D	790	>NF1-P2472F SMENVHMD	285	505
>NF1-P2472F SMENVPM D	128	>NF1-P2472F SMENVHMD	141	13
>NF1-P2472F ISMENVPM	58	>NF1-P2472F ISMENVHM	169	111
>NF1-P2472F ISMENVPM	296	>NF1-P2472F ISMENVHM	519	223
>NF1-P2472F ISMENVPM D	1114	>NF1-P2472F ISMENVHMD	332	782
>NF1-P2472F ISMENVPM D	613	>NF1-P2472F ISMENVHMD	427	186
>NF1-P2472F ISMENVPM D	773	>NF1-P2472F ISMENVHMD	239	534
>NF1-P2472F ISMENVPM	513	>NF1-P2472F ISMENVHM	425	88
>NF1-P2472F ISMENVPM D	19	>NF1-P2472F ISMENVHMD	17	2
>NF1-P2472F ISMENVPM D	512	>NF1-P2472F ISMENVHMD	324	188
>NF1-P2472F ISMENVPM D	49	>NF1-P2472F ISMENVHMD	47	2
>NF1-P2472F ISMENVPM	172	>NF1-P2472F ISMENVHM	270	98
>NF1-P2472F ISMENVPM D	151	>NF1-P2472F ISMENVHMD	129	22
>NF1-P2472F ISMENVPM	33	>NF1-P2472F ISMENVHM	89	56
>NF1-P2472F ISMENVPM D	77	>NF1-P2472F ISMENVHMD	82	5
>NF1-P2472F ISMENVPM	6	>NF1-P2472F ISMENVHM	10	4
>NF1-P2472F ISMENVPM D	3	>NF1-P2472F ISMENVHMD	3	0
>NF1-P2472F ISMENVPM	133	>NF1-P2472F ISMENVHM	2211	2078
>NF1-P2472F ISMENVPM D	123	>NF1-P2472F ISMENVHMD	87	36
>NF1-P2472F ISMENVPM	984	>NF1-P2472F ISMENVHM	430	554
>NF1-P2472F ISMENVPM D	174	>NF1-P2472F ISMENVHMD	147	27
>NF1-P2472F ISMENVPM	235	>NF1-P2472F ISMENVHM	47	188
>NF1-P2472F ISMENVPM D	52	>NF1-P2472F ISMENVHMD	41	11
>NF1-P2472F ISMENVPM D	56	>NF1-P2472F ISMENVHMD	97	41
>NF1-P2472F DISMENVPM	278	>NF1-P2472F DISMENVHM	4741	4463
>NF1-P2472F LTDISMENVP	9	>NF1-P2472F LTDISMENVH	13	4
>NF1-P2472F LTDISMENVP	287	>NF1-P2472F LTDISMENVH	484	197
>NF1-P2477S PIHHGDPSY	1140	>NF1-P2477S SIHHGDPSY	191	949
>NF1-P2477S PIHHGDPSY	146	>NF1-P2477S SIHHGDPSY	53	93
>NF1-P2477S PIHHGDPSY	59	>NF1-P2477S SIHHGDPSY	14	45
>NF1-P2477S PIHHGDPSYR	3134	>NF1-P2477S SIHHGDPSYR	276	2858
>NF1-P2477S PIHHGDPSYR	1859	>NF1-P2477S SIHHGDPSYR	43	1816
>NF1-P2477S PIHHGDPSY	1375	>NF1-P2477S SIHHGDPSY	62	1313

>NF1-P24775PIHHGDPSY	1153	>NF1-P24775SIHHGDPSY	115	1038
>NF1-P24775PIHHGDPSY	11775	>NF1-P24775SIHHGDPSY	497	11278
>NF1-P24775PIHHGDPSY	3730	>NF1-P24775SIHHGDPSY	376	3354
>NF1-P24775PIHHGDPSYR	3020	>NF1-P24775SIHHGDPSYR	273	2747
>NF1-P24775PIHHGDPSYR	451	>NF1-P24775SIHHGDPSYR	176	275
>NF1-P24775YPIHHGDPSY	19547	>NF1-P24775YSIHHGDPSY	194	19353
>NF1-P24775YPIHHGDPSY	1371	>NF1-P24775YSIHHGDPSY	58	1313
>NF1-P24775YPIHHGDPSY	69	>NF1-P24775YSIHHGDPSY	7	62
>NF1-P24775YPIHHGDPSY	2386	>NF1-P24775YSIHHGDPSY	220	2166
>NF1-P24775YPIHHGDPSY	3446	>NF1-P24775YSIHHGDPSY	120	3326
>NF1-P24775YPIHHGDPSY	5746	>NF1-P24775YSIHHGDPSY	88	5658
>NF1-P24775YPIHHGDPSY	2462	>NF1-P24775YSIHHGDPSY	436	2026
>NF1-P24775YPIHHGDPSY	172	>NF1-P24775YSIHHGDPSY	8	164
>NF1-P24775YPIHHGDPS	294	>NF1-P24775YSIHHGDPS	22803	22509
>NF1-P24775YPIHHGDPSY	530	>NF1-P24775YSIHHGDPSY	31	499
>NF1-P24775YPIHHGDPSY	162	>NF1-P24775YSIHHGDPSY	337	175
>NF1-P24775YPIHHGDPSY	183	>NF1-P24775YSIHHGDPSY	19	164
>NF1-P24775YPIHHGDPSY	2337	>NF1-P24775YSIHHGDPSY	4	2333
>NF1-P24775YPIHHGDPS	25	>NF1-P24775YSIHHGDPS	2365	2340
>NF1-P24775YPIHHGDPSY	18	>NF1-P24775YSIHHGDPSY	5224	5206
>NF1-P24775YPIHHGDPSY	239	>NF1-P24775YSIHHGDPSY	13262	13023
>NF1-P24775YPIHHGDPS	33	>NF1-P24775YSIHHGDPS	16985	16952
>NF1-P24775YPIHHGDPSY	94	>NF1-P24775YSIHHGDPSY	17685	17591
>NF1-P24775YPIHHGDPSY	19758	>NF1-P24775YSIHHGDPSY	198	19560
>NF1-P24775YPIHHGDPSY	10933	>NF1-P24775YSIHHGDPSY	122	10811
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>NF1-P24775YPIHHGDPSY	35	>NF1-P24775YSIHHGDPSY	7510	7475
>NF1-P24775YPIHHGDPSY	8964	>NF1-P24775YSIHHGDPSY	470	8494
>NF1-P24775TYPIHHGDPS	79	>NF1-P24775TYSIHHGDPS	35	44
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>NF1-P24775DTYPIHHGDP	148	>NF1-P24775DTYSIHHGDP	219	71
>NF1-P24775VPMDTYPI	408	>NF1-P24775VPMDTYSI	1182	774
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>NF1-P24775VPMDTYPIH	330	>NF1-P24775VPMDTYSIH	227	103
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>NF1-P24775VPMDTYPI	71	>NF1-P24775VPMDTYSI	43	28
>NF1-P24775VPMDTYPI	72	>NF1-P24775VPMDTYSI	348	276
>NF1-P24775VPMDTYPIHF	410	>NF1-P24775VPMDTYSIHF	563	153
>NF1-P24775VPMDTYPIH	9375	>NF1-P24775VPMDTYSIH	354	9021
>NF1-P24775VPMDTYPI	221	>NF1-P24775VPMDTYSI	1231	1010



>NF1-P24775 NVPM DTYPI	284	>NF1-P24775 NVPM DTYSI	516	232
>NF1-P24775 NVPM DTYPI	337	>NF1-P24775 NVPM DTYSI	305	32
>NF1-P24775 NVPM DTYPI	10	>NF1-P24775 NVPM DTYSI	21	11
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>NF1-P24775 MENVPMDT	39	>NF1-P24775 MENVPMDT	23	16
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>NF1-Q1447 QSIANHVL	507	>NF1-Q1447 KSIANHVL	250	257
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>NF1-Q1447 QSIANHVLFT	16	>NF1-Q1447 KSIANHVLFT	9	7
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>NF1-Q1447 QSIANHVLFT	6311	>NF1-Q1447 KSIANHVLFT	299	6012
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>NF1-Q1447 QSIANHVLFT	326	>NF1-Q1447 KSIANHVLFT	18	308
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>NF1-Q1447 QSIANHVL	10671	>NF1-Q1447 KSIANHVL	377	10294
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>NF1-Q1447 LQSIANHV	90	>NF1-Q1447 LKSIANHV	3779	3689
>NF1-Q1447 LQSIANHVL	192	>NF1-Q1447 LKSIANHVL	6274	6082

>NF1-Q1447 LQSIANHV	174	>NF1-Q1447 LKSIANHV	9981	9807
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>NF1-Q1447 LQSIANHVL	320	>NF1-Q1447 LKSIANHVL	18092	17772
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>NF1-Q1447 LQSIANHVLF	62	>NF1-Q1447 LKSIANHVLF	6520	6458
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>NF1-Q1447 RGLKLMKILI	23689	>NF1-Q1447 RGLKLMKILI	164	23525
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>NF1-Q1447 ILQSIANHV	82	>NF1-Q1447 ILKSIANHV	1225	1143
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>NF1-Q1447 ILQSIANHVL	58	>NF1-Q1447 ILKSIANHVL	54	4
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>NF1-Q1447 ILQSIANHV	9	>NF1-Q1447 ILKSIANHV	92	83
>NF1-Q1447 ILQSIANHVL	66	>NF1-Q1447 ILKSIANHVL	775	709
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>NF1-Q1447 ILQSIANHVL	31	>NF1-Q1447 ILKSIANHVL	612	581
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>NF1-Q1447 ILQSIANHVLF	171	>NF1-Q1447 ILKSIANHVLF	441	270
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>NF1-Q1447 ILQSIANHVLF	256	>NF1-Q1447 ILKSIANHVLF	1394	1138
>NF1-Q1447 ILQSIANHVLF	244	>NF1-Q1447 ILKSIANHVLF	146	98
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>NF1-Q1447 ILQSIANHVLF	197	>NF1-Q1447 ILKSIANHVLF	148	49
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>NF1-Q1447 KILQSIANHVL	116	>NF1-Q1447 KILKSIANHVL	129	13
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>NF1-Q1447 KILQSIANHVL	209	>NF1-Q1447 KILKSIANHVL	204	5
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>NF1-Q1447 KILQSIANHVL	122	>NF1-Q1447 KILKSIANHVL	165	43
>NF1-Q1447 KILQSIANHV	56	>NF1-Q1447 KILKSIANHV	87	31
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>NF1-Q1447 KILQSIANHV	10	>NF1-Q1447 KILKSIANHV	21	11
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>NF1-Q1447 MSKILQSIA	247	>NF1-Q1447 MSKILKSIA	200	47
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>NF1-Q1447 LMSKILQS	356	>NF1-Q1447 LMSKILKS	809	453
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>NF1-Q1447 LMSKILQSIA	335	>NF1-Q1447 LMSKILKSIA	539	204
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>NF1-Q1447 LMSKILQSI	56	>NF1-Q1447 LMSKILKSI	374	318
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>NF1-Q1447 LMSKILQSI	21	>NF1-Q1447 LMSKILKSI	184	163
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>NF1-Q1447 LMSKILQSIA	430	>NF1-Q1447 LMSKILKSIA	1412	982
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>NF1-Q1447 LMSKILQSI	6	>NF1-Q1447 LMSKILKSI	29	23
>NF1-Q1447 LMSKILQSIA	29	>NF1-Q1447 LMSKILKSIA	86	57
>NF1-Q1447 LMSKILQSI	483	>NF1-Q1447 LMSKILKSI	453	30
>NF1-Q1447 LMSKILQSI	328	>NF1-Q1447 LMSKILKSI	1160	832
>NF1-Q1447 LMSKILQSI	113	>NF1-Q1447 LMSKILKSI	196	83

>NF1-Q1447 KLMSKILQS	256	>NF1-Q1447 KLMSKILKS	421	165
>NF1-Q1447 KLMSKILQSI	17	>NF1-Q1447 KLMSKILKSI	50	33
>NF1-Q1447 KLMSKILQSI/A	44	>NF1-Q1447 KLMSKILKSIA	115	71
>NF1-Q1447 KLMSKILQ	468	>NF1-Q1447 KLMSKILK	3321	2853
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>NF1-Q1447 KLMSKILQSI	10	>NF1-Q1447 KLMSKILKSI	18	8
>NF1-Q1447 KLMSKILQSI/A	27	>NF1-Q1447 KLMSKILKSIA	73	46
>NF1-Q1447 KLMSKILQS	164	>NF1-Q1447 KLMSKILKS	326	162
>NF1-Q1447 KLMSKILQSI	9	>NF1-Q1447 KLMSKILKSI	10	1
>NF1-Q1447 KLMSKILQSI/A	8	>NF1-Q1447 KLMSKILKSIA	14	6
>NF1-Q1447 KLMSKILQSI	114	>NF1-Q1447 KLMSKILKSI	244	130
>NF1-Q1447 KLMSKILQSI/A	289	>NF1-Q1447 KLMSKILKSIA	464	175
>NF1-Q1447 KLMSKILQS	347	>NF1-Q1447 KLMSKILKS	838	491
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>NF1-Q1447 KLMSKILQSI/A	94	>NF1-Q1447 KLMSKILKSIA	147	53
>NF1-Q1447 KLMSKILQSI	6	>NF1-Q1447 KLMSKILKSI	12	6
>NF1-Q1447 KLMSKILQSI/A	73	>NF1-Q1447 KLMSKILKSIA	149	76
>NF1-Q1447 KLMSKILQSI	27	>NF1-Q1447 KLMSKILKSI	115	88
>NF1-Q1447 KLMSKILQSI/A	162	>NF1-Q1447 KLMSKILKSIA	314	152
>NF1-Q1447 KLMSKILQSI	6	>NF1-Q1447 KLMSKILKSI	17	11
>NF1-Q1447 KLMSKILQSI/A	154	>NF1-Q1447 KLMSKILKSIA	402	248
>NF1-Q1447 KLMSKILQ	260	>NF1-Q1447 KLMSKILK	2917	2657
>NF1-Q1447 KLMSKILQSI	6	>NF1-Q1447 KLMSKILKSI	21	15
>NF1-Q1447 KLMSKILQSI/A	36	>NF1-Q1447 KLMSKILKSIA	56	20
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>NF1-Q1447 KLMSKILQ	11309	>NF1-Q1447 KLMSKILK	12	11297
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>NF1-Q1447 KLMSKILQ	3109	>NF1-Q1447 KLMSKILK	230	2879
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>NF1-Q1447 LKLMSKILQSI	18	>NF1-Q1447 LKLMSKILKSI	23	5
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>NF1-Q1447 GLKLMSKILQ	29829	>NF1-Q1447 GLKLMSKILK	112	29717
>NF1-Q1447 GLKLMSKILQ	5770	>NF1-Q1447 GLKLMSKILK	47	5723
>NF1-Q209H QLAVINSL	400	>NF1-Q209H HLAVINSL	189	211
>NF1-Q209H QLAVINSL	5	>NF1-Q209H HLAVINSL	4	1
>NF1-Q209H QLAVINSLEK/	21	>NF1-Q209H HLAVINSLEK/	11	10
>NF1-Q209H QLAVINSL	55	>NF1-Q209H HLAVINSL	27	28
>NF1-Q209H QLAVINSLEK/	114	>NF1-Q209H HLAVINSLEK/	58	56
>NF1-Q209H QLAVINSL	387	>NF1-Q209H HLAVINSL	472	85
>NF1-Q209H QLAVINSL	293	>NF1-Q209H HLAVINSL	160	133

>NF1-Q209H QLAVINSL	578	>NF1-Q209H HLAVINSL	120	458
>NF1-Q209H QLAVINSL	461	>NF1-Q209H HLAVINSL	107	354
>NF1-Q209H QLAVINSL	153	>NF1-Q209H HLAVINSL	135	18
>NF1-Q209H QLAVINSL	17	>NF1-Q209H HLAVINSL	8	9
>NF1-Q209H QLAVINSLEK/	189	>NF1-Q209H HLAVINSLEK/	59	130
>NF1-Q209H QLAVINSLEK	92	>NF1-Q209H HLAVINSLEK	92	0
>NF1-Q209H QLAVINSLEK	86	>NF1-Q209H HLAVINSLEK	121	35
>NF1-Q209H QLAVINSLEK	3154	>NF1-Q209H HLAVINSLEK	255	2899
>NF1-Q209H QLAVINSLEK	194	>NF1-Q209H HLAVINSLEK	80	114
>NF1-Q209H QLAVINSL	252	>NF1-Q209H HLAVINSL	145	107
>NF1-Q209H QLAVINSLEK/	550	>NF1-Q209H HLAVINSLEK/	284	266
>NF1-Q209H QLAVINSL	3868	>NF1-Q209H HLAVINSL	442	3426
>NF1-Q209H AQLAVINSL	617	>NF1-Q209H AHLAVINSL	75	542
>NF1-Q209H AQLAVINSL	91	>NF1-Q209H AHLAVINSL	17767	17676
>NF1-Q209H AQLAVINSL	55	>NF1-Q209H AHLAVINSL	1435	1380
>NF1-Q209H AQLAVINSL	215	>NF1-Q209H AHLAVINSL	14470	14255
>NF1-Q209H AQLAVINS	411	>NF1-Q209H AHLAVINS	26205	25794
>NF1-Q209H AQLAVINSL	5	>NF1-Q209H AHLAVINSL	4237	4232
>NF1-Q209H AQLAVINSL	53	>NF1-Q209H AHLAVINSL	5308	5255
>NF1-Q209H AQLAVINSL	305	>NF1-Q209H AHLAVINSL	14255	13950
>NF1-Q209H AQLAVINSL	242	>NF1-Q209H AHLAVINSL	13656	13414
>NF1-Q209H AQLAVINSLEI	235	>NF1-Q209H AHLAVINSLEI	7277	7042
>NF1-Q209H AQLAVINSLEI	27	>NF1-Q209H AHLAVINSLEI	2150	2123
>NF1-Q209H AQLAVINSLEI	142	>NF1-Q209H AHLAVINSLEI	2144	2002
>NF1-Q209H AQLAVINSL	435	>NF1-Q209H AHLAVINSL	5881	5446
>NF1-Q209H AQLAVINSL	250	>NF1-Q209H AHLAVINSL	19794	19544
>NF1-Q209H AQLAVINSL	20	>NF1-Q209H AHLAVINSL	266	246
>NF1-Q209H AQLAVINSLEI	318	>NF1-Q209H AHLAVINSLEI	3411	3093
>NF1-Q209H AQLAVINSL	21	>NF1-Q209H AHLAVINSL	14	7
>NF1-Q209H AQLAVINSL	248	>NF1-Q209H AHLAVINSL	11292	11044
>NF1-Q209H AQLAVINSL	461	>NF1-Q209H AHLAVINSL	5395	4934
>NF1-Q209H FKFKALKKKVA/	128	>NF1-Q209H FKFKALKKKVA/	24	104
>NF1-Q209H VAQLAVINSL	959	>NF1-Q209H VAHLAVINSL	449	510
>NF1-Q209H KVAQLAVI	306	>NF1-Q209H KVAHLAVI	174	132
>NF1-Q209H KVAQLAVINS	29	>NF1-Q209H KVAHLAVINS	22	7
>NF1-Q209H KVAQLAVI	285	>NF1-Q209H KVAHLAVI	102	183
>NF1-Q209H KVAQLAVINS	252	>NF1-Q209H KVAHLAVINS	111	141
>NF1-Q209H KVAQLAVI	134	>NF1-Q209H KVAHLAVI	88	46
>NF1-Q209H KVAQLAVINS	51	>NF1-Q209H KVAHLAVINS	38	13
>NF1-Q209H KVAQLAVI	44	>NF1-Q209H KVAHLAVI	41	3
>NF1-Q209H KVAQLAVINS	33	>NF1-Q209H KVAHLAVINS	29	4
>NF1-Q209H KVAQLAVINS	736	>NF1-Q209H KVAHLAVINS	240	496
>NF1-Q209H KVAQLAVINS	242	>NF1-Q209H KVAHLAVINS	327	85

>NF1-Q209H KVAQLAVI	130	>NF1-Q209H KVAHLAVI	124	6
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>NF1-Q209H KVAQLAVINS	487	>NF1-Q209H KVAHLAVINS	583	96
>NF1-Q209H KVAQLAVI	113	>NF1-Q209H KVAHLAVI	148	35
>NF1-Q209H KKVAQLAV	489	>NF1-Q209H KKVAHLAV	336	153
>NF1-Q209H KKVAQLAV	46	>NF1-Q209H KKVAHLAV	32	14
>NF1-Q209H KKVAQLAVI	66	>NF1-Q209H KKVAHLAVI	50	16
>NF1-Q209H LKKVAQLAV	47	>NF1-Q209H LKKVAHLAV	25	22
>NF1-Q209H LKKVAQLAVI	68	>NF1-Q209H LKKVAHLAVI	41	27
>NF1-Q209H ALKKVAQL	55	>NF1-Q209H ALKKVAHL	50	5
>NF1-Q209H ALKKVAQLA	858	>NF1-Q209H ALKKVAHLA	193	665
>NF1-Q209H ALKKVAQLAV	261	>NF1-Q209H ALKKVAHLAV	206	55
>NF1-Q209H ALKKVAQLAV	288	>NF1-Q209H ALKKVAHLAV	149	139
>NF1-Q209H ALKKVAQL	29	>NF1-Q209H ALKKVAHL	27	2
>NF1-Q209H ALKKVAQLA	83	>NF1-Q209H ALKKVAHLA	44	39
>NF1-Q209H ALKKVAQLAV	103	>NF1-Q209H ALKKVAHLAV	46	57
>NF1-Q209H ALKKVAQLAV	25	>NF1-Q209H ALKKVAHLAV	16	9
>NF1-Q209H ALKKVAQL	178	>NF1-Q209H ALKKVAHL	263	85
>NF1-Q209H ALKKVAQLAV	40	>NF1-Q209H ALKKVAHLAV	23	17
>NF1-Q209H ALKKVAQLAV	404	>NF1-Q209H ALKKVAHLAV	225	179
>NF1-Q209H ALKKVAQL	1140	>NF1-Q209H ALKKVAHL	286	854
>NF1-Q209H ALKKVAQLAV	107	>NF1-Q209H ALKKVAHLAV	92	15
>NF1-Q209H ALKKVAQLAV	552	>NF1-Q209H ALKKVAHLAV	320	232
>NF1-Q209H ALKKVAQL	954	>NF1-Q209H ALKKVAHL	481	473
>NF1-Q209H ALKKVAQLAV	90	>NF1-Q209H ALKKVAHLAV	93	3
>NF1-Q209H ALKKVAQL	7	>NF1-Q209H ALKKVAHL	9	2
>NF1-Q209H ALKKVAQLA	80	>NF1-Q209H ALKKVAHLA	24	56
>NF1-Q209H ALKKVAQLAV	4	>NF1-Q209H ALKKVAHLAV	3	1
>NF1-Q209H ALKKVAQLAV	69	>NF1-Q209H ALKKVAHLAV	49	20
>NF1-Q209H ALKKVAQLA	311	>NF1-Q209H ALKKVAHLA	333	22
>NF1-Q209H ALKKVAQLAV	208	>NF1-Q209H ALKKVAHLAV	113	95
>NF1-Q209H ALKKVAQLAV	239	>NF1-Q209H ALKKVAHLAV	261	22
>NF1-Q209H ALKKVAQL	339	>NF1-Q209H ALKKVAHL	289	50
>NF1-Q209H ALKKVAQL	1159	>NF1-Q209H ALKKVAHL	409	750
>NF1-Q209H KALKKVAQL	583	>NF1-Q209H KALKKVAHL	199	384
>NF1-Q209H KALKKVAQLA	97	>NF1-Q209H KALKKVAHLA	83	14
>NF1-Q209H KALKKVAQLA	154	>NF1-Q209H KALKKVAHLA	126	28
>NF1-Q209H KALKKVAQLA	480	>NF1-Q209H KALKKVAHLA	621	141
>NF1-Q209H KALKKVAQL	704	>NF1-Q209H KALKKVAHL	265	439
>NF1-Q209H KALKKVAQLA	206	>NF1-Q209H KALKKVAHLA	190	16
>NF1-Q209H KALKKVAQLA	134	>NF1-Q209H KALKKVAHLA	61	73
>NF1-Q209H KALKKVAQL	314	>NF1-Q209H KALKKVAHL	249	65
>NF1-Q209H KALKKVAQL	5	>NF1-Q209H KALKKVAHL	11	6

>NF1-Q209H KALKKVAQLA	414	>NF1-Q209H KALKKVAHLA	337	77
>NF1-Q209H KALKKVAQL	154	>NF1-Q209H KALKKVAHL	131	23
>NF1-Q209H FKALKKVAQL	319	>NF1-Q209H FKALKKVAHL	212	107
>NF1-Q209H FKALKKVAQL	250	>NF1-Q209H FKALKKVAHL	744	494
>NF1-Q209H KFKALKKVAC	73	>NF1-Q209H KFKALKKVAH	38	35
>NF1-Q209H KFKALKKVAC	2173	>NF1-Q209H KFKALKKVAH	336	1837
>NF1-Q209H KFKALKKVAC	667	>NF1-Q209H KFKALKKVAH	267	400
>NF1-Q519P·TQGSTAELI	164	>NF1-Q519P·TPGSTAELI	2064	1900
>NF1-Q519P·TQGSTAEL	27822	>NF1-Q519P·TPGSTAEL	159	27663
>NF1-Q519P·TQGSTAEL	25628	>NF1-Q519P·TPGSTAEL	272	25356
>NF1-Q519P·TQGSTAEL	405	>NF1-Q519P·TPGSTAEL	14472	14067
>NF1-Q519P·TQGSTAEL	255	>NF1-Q519P·TPGSTAEL	786	531
>NF1-Q519P·TQGSTAELI	21086	>NF1-Q519P·TPGSTAELI	348	20738
>NF1-Q519P·ETQGSTAEL	1160	>NF1-Q519P·ETPGSTAEL	259	901
>NF1-Q519P·ETQGSTAEL	108	>NF1-Q519P·ETPGSTAEL	72	36
>NF1-Q519P·ETQGSTAEL	22	>NF1-Q519P·ETPGSTAEL	15	7
>NF1-Q519P·ETQGSTAEL	81	>NF1-Q519P·ETPGSTAEL	15	66
>NF1-Q519P·ETQGSTAELI	2255	>NF1-Q519P·ETPGSTAELI	478	1777
>NF1-Q519P·ETQGSTAEL	13	>NF1-Q519P·ETPGSTAEL	6	7
>NF1-Q519P·ETQGSTAELI	104	>NF1-Q519P·ETPGSTAELI	19	85
>NF1-Q519P·ETQGSTAEL	49	>NF1-Q519P·ETPGSTAEL	91	42
>NF1-Q519P·ETQGSTAELI	72	>NF1-Q519P·ETPGSTAELI	140	68
>NF1-Q519P·ETQGSTAEL	21	>NF1-Q519P·ETPGSTAEL	333	312
>NF1-Q519P·ETQGSTAEL	1655	>NF1-Q519P·ETPGSTAEL	5	1650
>NF1-Q519P·ETQGSTAELI	1512	>NF1-Q519P·ETPGSTAELI	5	1507
>NF1-Q519P·ETQGSTAELI	823	>NF1-Q519P·ETPGSTAELI	406	417
>NF1-Q519P·PETQGSTAEL	40	>NF1-Q519P·PETPGSTAELI	51	11
>NF1-Q519P·PETQGSTAEL	437	>NF1-Q519P·PETPGSTAELI	644	207
>NF1-Q519P·PETQGSTAEL	125	>NF1-Q519P·PETPGSTAELI	424	299
>NF1-Q519P·GPETQGSTAEL	172	>NF1-Q519P·GPETPGSTAEL	76	96
>NF1-Q519P·KQGPETQGS	347	>NF1-Q519P·KQGPETPGST	243	104
>NF1-Q554E·HQLDSIDL	15300	>NF1-Q554E·HELDSIDL	138	15162
>NF1-Q554E·HQLDSIDLW	5594	>NF1-Q554E·HELDSIDLW	169	5425
>NF1-Q554E·HQLDSIDL	121	>NF1-Q554E·HELDSIDL	5347	5226
>NF1-Q554E·HQLDSIDLW	447	>NF1-Q554E·HELDSIDLW	12363	11916
>NF1-Q554E·HQLDSIDL	385	>NF1-Q554E·HELDSIDL	12640	12255
>NF1-Q554E·HQLDSIDL	84	>NF1-Q554E·HELDSIDL	3600	3516
>NF1-Q554E·HQLDSIDL	47	>NF1-Q554E·HELDSIDL	460	413
>NF1-Q554E·HQLDSIDL	1207	>NF1-Q554E·HELDSIDL	13	1194
>NF1-Q554E·HQLDSIDL	5501	>NF1-Q554E·HELDSIDL	50	5451
>NF1-Q554E·HQLDSIDLW	2323	>NF1-Q554E·HELDSIDLW	63	2260
>NF1-Q554E·HQLDSIDL	14203	>NF1-Q554E·HELDSIDL	325	13878
>NF1-Q554E·HQLDSIDLW	474	>NF1-Q554E·HELDSIDLW	12	462

>NF1-Q554E·HQLDSIDLW	3511	>NF1-Q554E·HELDSIDLW	21	3490
>NF1-Q554E·HQLDSIDLW	237	>NF1-Q554E·HELDSIDLW	195	42
>NF1-Q554E·HQLDSIDLW	17	>NF1-Q554E·HELDSIDLW	80	63
>NF1-Q554E·LHQLDSIDLW	1026	>NF1-Q554E·LHELDSIDLW	328	698
>NF1-Q554E·LHQLDSIDLW	29	>NF1-Q554E·LHELDSIDLW	28	1
>NF1-Q554E·VLHQLDSI	1146	>NF1-Q554E·VLHELDSI	163	983
>NF1-Q554E·VLHQLDSI	201	>NF1-Q554E·VLHELDSI	64	137
>NF1-Q554E·VLHQLDSIDL	510	>NF1-Q554E·VLHELDSIDL	275	235
>NF1-Q554E·VLHQLDSI	77	>NF1-Q554E·VLHELDSI	20	57
>NF1-Q554E·VLHQLDSI	1694	>NF1-Q554E·VLHELDSI	346	1348
>NF1-Q554E·VLHQLDSI	20	>NF1-Q554E·VLHELDSI	6	14
>NF1-Q554E·VLHQLDSIDL	234	>NF1-Q554E·VLHELDSIDL	42	192
>NF1-Q554E·VLHQLDSI	134	>NF1-Q554E·VLHELDSI	18	116
>NF1-Q554E·VLHQLDSIDL	708	>NF1-Q554E·VLHELDSIDL	73	635
>NF1-Q554E·VLHQLDSI	116	>NF1-Q554E·VLHELDSI	40	76
>NF1-Q554E·VLHQLDSIDL	172	>NF1-Q554E·VLHELDSIDL	53	119
>NF1-Q554E·VLHQLDSI	2654	>NF1-Q554E·VLHELDSI	492	2162
>NF1-Q554E·VLHQLDSI	20	>NF1-Q554E·VLHELDSI	10	10
>NF1-Q554E·VLHQLDSIDL	19	>NF1-Q554E·VLHELDSIDL	9	10
>NF1-Q554E·VLHQLDSIDL'	530	>NF1-Q554E·VLHELDSIDLV	430	100
>NF1-Q554E·VLHQLDSIDL'	373	>NF1-Q554E·VLHELDSIDLV	449	76
>NF1-Q554E·LVLHQLDSI	28	>NF1-Q554E·LVLHELDSI	24	4
>NF1-Q554E·LVLHQLDSI	488	>NF1-Q554E·LVLHELDSI	377	111
>NF1-Q554E·LLVLHQLDSI	359	>NF1-Q554E·LLVLHELDSI	264	95
>NF1-Q554E·LLVLHQLDSI	108	>NF1-Q554E·LLVLHELDSI	77	31
>NF1-Q554E·LLVLHQLDSI	83	>NF1-Q554E·LLVLHELDSI	70	13
>NF1-Q554E·LLVLHQLDSI	207	>NF1-Q554E·LLVLHELDSI	114	93
>NF1-Q554E·LLVLHQLDSI	160	>NF1-Q554E·LLVLHELDSI	213	53
>NF1-Q554E·LLVLHQLDSI	193	>NF1-Q554E·LLVLHELDSI	255	62
>NF1-Q554E·LLVLHQLDSI	65	>NF1-Q554E·LLVLHELDSI	99	34
>NF1-Q554E·ALLVLHQL	86	>NF1-Q554E·ALLVLHEL	46	40
>NF1-Q554E·ALLVLHQLDS	216	>NF1-Q554E·ALLVLHELDSI	187	29
>NF1-Q554E·ALLVLHQL	63	>NF1-Q554E·ALLVLHEL	39	24
>NF1-Q554E·ALLVLHQLDS	208	>NF1-Q554E·ALLVLHELDSI	157	51
>NF1-Q554E·ALLVLHQL	427	>NF1-Q554E·ALLVLHEL	431	4
>NF1-Q554E·ALLVLHQLDS	372	>NF1-Q554E·ALLVLHELDSI	456	84
>NF1-Q554E·ALLVLHQL	195	>NF1-Q554E·ALLVLHEL	111	84
>NF1-Q554E·ALLVLHQLDS	211	>NF1-Q554E·ALLVLHELDSI	166	45
>NF1-Q554E·ALLVLHQL	6	>NF1-Q554E·ALLVLHEL	5	1
>NF1-Q554E·ALLVLHQLDS	13	>NF1-Q554E·ALLVLHELDSI	13	0
>NF1-Q554E·ALLVLHQL	39	>NF1-Q554E·ALLVLHEL	26	13
>NF1-Q554E·ALLVLHQLDS	50	>NF1-Q554E·ALLVLHELDSI	60	10
>NF1-Q554E·ALLVLHQL	9	>NF1-Q554E·ALLVLHEL	10	1



>NF1-Q554E·ALLVLHQLDS	28	>NF1-Q554E·ALLVLHELDSI	33	5
>NF1-Q554E·ALLVLHQL	19	>NF1-Q554E·ALLVLHEL	25	6
>NF1-Q554E·ALLVLHQLDS	221	>NF1-Q554E·ALLVLHELDSI	167	54
>NF1-Q554E·ALLVLHQL	3	>NF1-Q554E·ALLVLHEL	4	1
>NF1-Q554E·ALLVLHQLDS	22	>NF1-Q554E·ALLVLHELDSI	34	12
>NF1-Q554E·ALLVLHQLDS	145	>NF1-Q554E·ALLVLHELDSI	131	14
>NF1-Q554E·EALLVLHQL	292	>NF1-Q554E·EALLVLHEL	96	196
>NF1-Q554E·EALLVLHQL	12	>NF1-Q554E·EALLVLHEL	15	3
>NF1-Q554E·MEALLVLHQI	12	>NF1-Q554E·MEALLVLHEL	13	1
>NF1-Q554E·MEALLVLHQI	363	>NF1-Q554E·MEALLVLHEL	357	6
>NF1-Q554E·MEALLVLHQI	167	>NF1-Q554E·MEALLVLHEL	171	4
>NF1-Q554E·MEALLVLHQI	25	>NF1-Q554E·MEALLVLHEL	28	3
>NF1-Q554E·MEALLVLHQI	131	>NF1-Q554E·MEALLVLHEL	165	34
>NF1-Q554E·MEALLVLHQI	265	>NF1-Q554E·MEALLVLHEL	256	9
>NF1-Q554E·MEALLVLHQI	122	>NF1-Q554E·MEALLVLHEL	92	30
>NF1-Q554E·AMEALLVLHC	98	>NF1-Q554E·AMEALLVLHE	45	53
>NF1-Q554E·AMEALLVLHC	9	>NF1-Q554E·AMEALLVLHE	7	2
>NF1-Q554E·AMEALLVLHC	168	>NF1-Q554E·AMEALLVLHE	152	16
>NF1-Q554E·AMEALLVLHC	243	>NF1-Q554E·AMEALLVLHE	126	117
>NF1-Q554E·AMEALLVLHC	20	>NF1-Q554E·AMEALLVLHE	17	3
>NF1-Q554E·AMEALLVLHC	56	>NF1-Q554E·AMEALLVLHE	28	28
>NF1-Q554E·AMEALLVLHC	106	>NF1-Q554E·AMEALLVLHE	86	20
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>NF1-Q554E·AMEALLVLHC	4	>NF1-Q554E·AMEALLVLHE	4	0
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>NF1-Q835H QEWINMTGF	10	>NF1-Q835H HEWINMTGF	10	0
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>NF1-Q835H QEWINMTGF	37	>NF1-Q835H HEWINMTGF	22	15
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>NF1-Q835H QEWINMTGF	306	>NF1-Q835H HEWINMTGF	1731	1425
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>NF1-Q835H QEWINMTGF	246	>NF1-Q835H HEWINMTGF	1314	1068
>NF1-Q835H QEWINMTGF	185	>NF1-Q835H HEWINMTGF	42	143
>NF1-Q835H QEWINMTGF	18	>NF1-Q835H HEWINMTGF	16	2
>NF1-Q835H QEWINMTGF	475	>NF1-Q835H HEWINMTGF	121	354
>NF1-Q835H LQEWINMTG	380	>NF1-Q835H LHEWINMTG	6903	6523
>NF1-Q835H LQEWINMTG	134	>NF1-Q835H LHEWINMTG	17949	17815
>NF1-Q835H LQEWINMTG	221	>NF1-Q835H LHEWINMTG	2491	2270
>NF1-Q835H LQEWINMTG	160	>NF1-Q835H LHEWINMTG	7172	7012
>NF1-Q835H LQEWINMTG	2270	>NF1-Q835H LHEWINMTG	126	2144

>NF1-Q835H SLQEWINM	47	>NF1-Q835H SLHEWINM	67	20
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>NF1-Q835H SLQEWINM	239	>NF1-Q835H SLHEWINM	216	23
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>NF1-Q835H SLQEWINM	467	>NF1-Q835H SLHEWINM	163	304
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>NF1-Q835H SLQEWINMT	73	>NF1-Q835H SLHEWINMT	34	39
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>NF1-Q835H SLQEWINM	48	>NF1-Q835H SLHEWINM	34	14
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>NF1-Q835H SLQEWINMT	1230	>NF1-Q835H SLHEWINMT	472	758
>NF1-Q835H DSLQEWINM	167	>NF1-Q835H DSLHEWINM	345	178
>NF1-Q835H DSLQEWINM	175	>NF1-Q835H DSLHEWINM	1179	1004
>NF1-Q835H TDSLQEWI	42	>NF1-Q835H TDSLHEWI	89	47
>NF1-Q835H DTDSLQEWI	231	>NF1-Q835H DTDSLHEWI	103	128
>NF1-Q835H DTDSLQEWI	254	>NF1-Q835H DTDSLHEWIN	191	63
>NF1-Q835H SDTDSLQEW	187	>NF1-Q835H SDTDSLHEW	263	76
>NF1-Q835H SDTDSLQEWI	48	>NF1-Q835H SDTDSLHEWI	77	29
>NF1-Q835H LSDTDSLQEV	15	>NF1-Q835H LSDTDSLHEV	16	1
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>NF1-Q835H LSDTDSLQEV	15	>NF1-Q835H LSDTDSLHEV	12	3
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>NF1-Q835H LSDTDSLQEV	105	>NF1-Q835H LSDTDSLHEV	111	6
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>NF1-R1276(RGNLASKI	58	>NF1-R1276(QGNLASKI	309	251
>NF1-R1276(RGNLASKIM	101	>NF1-R1276(QGNLASKIM	490	389
>NF1-R1276(RGNLASKI	124	>NF1-R1276(QGNLASKI	1213	1089

>NF1-R1276( FRGNLASKI	7815	>NF1-R1276( FQGNLASKI	182	7633
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>NF1-R1276( FRGNLASKI	25903	>NF1-R1276( FQGNLASKI	272	25631
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>NF1-R1276( FRGNLASKI	464	>NF1-R1276( FQGNLASKI	19209	18745
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>NF1-R1276( ELADSMQTLF	6847	>NF1-R1276( ELADSMQTLF	191	6656
>NF1-R1276( ELADSMQTLF	86	>NF1-R1276( ELADSMQTLF	16665	16579
>NF1-R1276( ELADSMQTLF	5	>NF1-R1276( ELADSMQTLF	554	549
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>NF1-R1276( LFRGNLASKI	233	>NF1-R1276( LFQGNLASKI	356	123
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>NF1-R1276( TLFGRGNSL	18	>NF1-R1276( TLFQGNLASKI	28	10
>NF1-R1276( TLFGRGNSL	110	>NF1-R1276( TLFQGNLASKI	782	672

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>NF1-R1276(DSMQTLFR	19	>NF1-R1276(DSMQTLFQ	6986	6967
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>NF1-R1276(LADSMQTLFF	243	>NF1-R1276(LADSMQTLF(	25281	25038
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>NF1-R1412(SFINPAIVSPY	106	>NF1-R1412(SFINPAIVSPY	177	71
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>NF1-R1412(SFINPAIVSPY	188	>NF1-R1412(SFINPAIVSPY	1056	868
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>NF1-R1412 $\leq$ IGAVGSAMFI	192	>NF1-R1412 $\leq$ IGAVGSAMFI	20742	20550
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>NF1-R1412 $\leq$ FLRFINPA	151	>NF1-R1412 $\leq$ FLSFINPA	14	137
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>NF1-R1412 $\leq$ FLRFINPAIV	634	>NF1-R1412 $\leq$ FLSFINPAIV	112	522
>NF1-R1412 $\leq$ FLRFINPA	71	>NF1-R1412 $\leq$ FLSFINPA	14	57
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>NF1-R1412 $\leq$ FLRFINPAIV	2196	>NF1-R1412 $\leq$ FLSFINPAIV	356	1840
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>NF1-R1412 $\leq$ MFLRFINPA	453	>NF1-R1412 $\leq$ MFLSFINPA	351	102
>NF1-R1412 $\leq$ MFLRFINP	802	>NF1-R1412 $\leq$ MFLSFINP	482	320
>NF1-R1412 $\leq$ MFLRFINPA	85	>NF1-R1412 $\leq$ MFLSFINPA	52	33
>NF1-R1412 $\leq$ MFLRFINPAI	244	>NF1-R1412 $\leq$ MFLSFINPAI	192	52
>NF1-R1412 $\leq$ MFLRFINPAI\	195	>NF1-R1412 $\leq$ MFLSFINPAI\	124	71
>NF1-R1412 $\leq$ AMFLRFINP	159	>NF1-R1412 $\leq$ AMFLSFINP	1067	908
>NF1-R1412 $\leq$ AMFLRFINPA	104	>NF1-R1412 $\leq$ AMFLSFINPA	273	169
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>NF1-R1412 $\leq$ AMFLRFINPA	31	>NF1-R1412 $\leq$ AMFLSFINPA	27	4
>NF1-R1412 $\leq$ AMFLRFINPA	129	>NF1-R1412 $\leq$ AMFLSFINPA	70	59
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>NF1-R1412 $\leq$ AMFLRFINPA	21	>NF1-R1412 $\leq$ AMFLSFINPA	15	6
>NF1-R1412 $\leq$ AMFLRFINPA	8	>NF1-R1412 $\leq$ AMFLSFINPA	7	1
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>NF1-R1412 $\leq$ AMFLRFINPA	55	>NF1-R1412 $\leq$ AMFLSFINPA	39	16
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>NF1-R1412 $\leq$ AMFLRFINPA	36	>NF1-R1412 $\leq$ AMFLSFINPA	26	10
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>NF1-R1412 $\leq$ AMFLRFINPA	293	>NF1-R1412 $\leq$ AMFLSFINPA	242	51
>NF1-R1412 $\leq$ AMFLRFINPA	20	>NF1-R1412 $\leq$ AMFLSFINPA	29	9

>NF1-R1412\$AMFLRFINPA	366	>NF1-R1412\$AMFLSFINPA	195	171
>NF1-R1412\$AMFLRFINPA	495	>NF1-R1412\$AMFLSFINPA	269	226
>NF1-R1412\$AMFLRFINP	1077	>NF1-R1412\$AMFLSFINP	227	850
>NF1-R1412\$AMFLRFINPA	118	>NF1-R1412\$AMFLSFINPA	39	79
>NF1-R1412\$AMFLRFINPA	41	>NF1-R1412\$AMFLSFINPA	18	23
>NF1-R1412\$AMFLRFINPA	312	>NF1-R1412\$AMFLSFINPA	329	17
>NF1-R1412\$SAMFLRFI	370	>NF1-R1412\$SAMFLSFI	157	213
>NF1-R1412\$SAMFLRFI	2109	>NF1-R1412\$SAMFLSFI	341	1768
>NF1-R1412\$SAMFLRFI	534	>NF1-R1412\$SAMFLSFI	78	456
>NF1-R1412\$SAMFLRFINP	626	>NF1-R1412\$SAMFLSFINP	175	451
>NF1-R1412\$SAMFLRFI	1000	>NF1-R1412\$SAMFLSFI	201	799
>NF1-R1412\$SAMFLRFINP	601	>NF1-R1412\$SAMFLSFINP	244	357
>NF1-R1412\$SAMFLRFI	340	>NF1-R1412\$SAMFLSFI	59	281
>NF1-R1412\$SAMFLRFINP	268	>NF1-R1412\$SAMFLSFINP	94	174
>NF1-R1412\$SAMFLRFINP	485	>NF1-R1412\$SAMFLSFINP	668	183
>NF1-R1412\$SAMFLRFI	43	>NF1-R1412\$SAMFLSFI	19	24
>NF1-R1412\$SAMFLRFINP	17	>NF1-R1412\$SAMFLSFINP	17	0
>NF1-R1412\$SAMFLRFI	309	>NF1-R1412\$SAMFLSFI	81	228
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>NF1-R1412\$SAMFLRFI	78	>NF1-R1412\$SAMFLSFI	41	37
>NF1-R1412\$GSAMFLRFI	36	>NF1-R1412\$GSAMFLSFI	47	11
>NF1-R1412\$GSAMFLRFI	889	>NF1-R1412\$GSAMFLSFI	135	754
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>NF1-R1412\$GSAMFLRF	315	>NF1-R1412\$GSAMFLSF	153	162
>NF1-R1412\$GSAMFLRFI	115	>NF1-R1412\$GSAMFLSFI	74	41
>NF1-R1412\$GSAMFLRF	362	>NF1-R1412\$GSAMFLSF	170	192
>NF1-R1412\$GSAMFLRFI	280	>NF1-R1412\$GSAMFLSFI	11	269
>NF1-R1412\$GSAMFLRFI	44	>NF1-R1412\$GSAMFLSFI	19	25
>NF1-R1412\$VGSAMFLR	124	>NF1-R1412\$VGSAMFLS	19670	19546
>NF1-R1412\$VGSAMFLRF	523	>NF1-R1412\$VGSAMFLSF	106	417
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>NF1-R1412\$AVGSAMFLRI	390	>NF1-R1412\$AVGSAMFLSFI	94	296
>NF1-R1412\$AVGSAMFLRI	873	>NF1-R1412\$AVGSAMFLSFI	204	669
>NF1-R1412\$AVGSAMFLRI	287	>NF1-R1412\$AVGSAMFLSFI	85	202
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>NF1-R1412\$AVGSAMFLRI	633	>NF1-R1412\$AVGSAMFLSFI	325	308
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>NF1-R1412\$AVGSAMFLR	12	>NF1-R1412\$AVGSAMFLS	8332	8320
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>NF1-R1412\$AVGSAMFLR	64	>NF1-R1412\$AVGSAMFLS	22368	22304
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>NF1-R1412\$AVGSAMFLRI	269	>NF1-R1412\$AVGSAMFLSI	351	82
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>NF1-R1412\$GAVGSAMFL	32	>NF1-R1412\$GAVGSAMFL	26289	26257
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>NF1-R1412\$GAVGSAMFL	398	>NF1-R1412\$GAVGSAMFL	23398	23000
>NF1-R1412\$GAVGSAMFL	389	>NF1-R1412\$GAVGSAMFL	8680	8291
>NF1-R1830(TRWELSQPD)	356	>NF1-R1830(TCWELSQPD)	2613	2257
>NF1-R1830(TRWELSQPD)	4085	>NF1-R1830(TCWELSQPD)	358	3727
>NF1-R1830(TRWELSQPD)	9399	>NF1-R1830(TCWELSQPD)	349	9050
>NF1-R1830(TRWELSQPD)	89	>NF1-R1830(TCWELSQPD)	25715	25626
>NF1-R1830(TRWELSQP	354	>NF1-R1830(TCWELSQP	24463	24109
>NF1-R1830(TRWELSQPD	399	>NF1-R1830(TCWELSQPD	23968	23569
>NF1-R1830(TRWELSQPD)	333	>NF1-R1830(TCWELSQPD)	21529	21196
>NF1-R1830(TRWELSQPD)	430	>NF1-R1830(TCWELSQPD)	39723	39293
>NF1-R1830(TRWELSQPD)	1720	>NF1-R1830(TCWELSQPD)	485	1235
>NF1-R1830(IVQSIIHIRTR	21	>NF1-R1830(IVQSIIHIRTC	18946	18925
>NF1-R1830(IVQSIIHIRTR	263	>NF1-R1830(IVQSIIHIRTC	31395	31132
>NF1-R1830(IVQSIIHIRTR	107	>NF1-R1830(IVQSIIHIRTC	30012	29905
>NF1-R1830(RTRWELSQ	28	>NF1-R1830(RTCWELSQ	3813	3785
>NF1-R1830(RTRWELSQP	261	>NF1-R1830(RTCWELSQP	9922	9661
>NF1-R1830(RTRWELSQPI	135	>NF1-R1830(RTCWELSQPI	3964	3829
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>NF1-R1830(RTRWELSQP	275	>NF1-R1830(RTCWELSQP	2290	2015
>NF1-R1830(HIRTRWEL	361	>NF1-R1830(HIRTCWEL	328	33
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>NF1-R1830(HIRTRWELS	105	>NF1-R1830(HIRTCWELS	519	414
>NF1-R1830(HIRTRWELSC	63	>NF1-R1830(HIRTCWELSC	184	121



>NF1-R1830(HIRTRWEL	73	>NF1-R1830(HIRTCWEL	1531	1458
>NF1-R1830(IHIRTRWEL	286	>NF1-R1830(IHIRTCWEL	107	179
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>NF1-R1830(IIHIRTRWEL	501	>NF1-R1830(IIHIRTCWEL	162	339
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>NF1-R1830(SIIHIRTRWEL	291	>NF1-R1830(SIIHIRTCWEL	125	166
>NF1-R1830(SIIHIRTRWEL	67	>NF1-R1830(SIIHIRTCWEL	37	30
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>NF1-R1830(SIIHIRTRWEL	124	>NF1-R1830(SIIHIRTCWEL	68	56
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>NF1-R1830(SIIHIRTRWEL	43	>NF1-R1830(SIIHIRTCWEL	55	12
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>NF1-R1830(SIIHIRTR	391	>NF1-R1830(SIIHIRTC	37094	36703
>NF1-R1830(SIIHIRTR	35	>NF1-R1830(SIIHIRTC	29795	29760
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>NF1-R1830(SIIHIRTR	279	>NF1-R1830(SIIHIRTC	34968	34689
>NF1-R1830(QSIIHIRTR	129	>NF1-R1830(QSIIHIRTC	21346	21217
>NF1-R1830(QSIIHIRTR	122	>NF1-R1830(QSIIHIRTC	38462	38340
>NF1-R1830(QSIIHIRTRW	6	>NF1-R1830(QSIIHIRTCW	20	14
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>NF1-R1830(QSIIHIRTRW	27	>NF1-R1830(QSIIHIRTCW	68	41
>NF1-R1830(QSIIHIRTR	101	>NF1-R1830(QSIIHIRTC	7035	6934
>NF1-R1830(VQSIIHIRTR	143	>NF1-R1830(VQSIIHIRTC	24835	24692
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>NF1-R2150(SRLSLTEFSL	114	>NF1-R2150(SLSLTEFSL	76	38
>NF1-R2150(SRLSLTEFS	540	>NF1-R2150(SLSLTEFS	278	262
>NF1-R2150(SRLSLTEFSL	23	>NF1-R2150(SLSLTEFSL	15	8
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>NF1-R2150(SRLSLTEFSL	54	>NF1-R2150(SLSLTEFSL	59	5
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>NF1-R2150(SRLSLTEFSLPK	40	>NF1-R2150(SLSLTEFSLPK	76	36
>NF1-R2150(SRLSLTEFSLPK	17	>NF1-R2150(SLSLTEFSLPK	13	4
>NF1-R2150(SRLSLTEFSLPK	19	>NF1-R2150(SLSLTEFSLPK	152	133
>NF1-R2150(SRLSLTEFSLPK	464	>NF1-R2150(SLSLTEFSLPK	3309	2845
>NF1-R2150(SRLSLTEFSL	168	>NF1-R2150(SLSLTEFSL	1734	1566

>NF1-R2150ϙRLSLTEFSLPK	305	>NF1-R2150ϙSLSLTEFSLPK	1807	1502
>NF1-R2150ϙLRLSLTEFSL	790	>NF1-R2150ϙLSLSLTEFSL	125	665
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>NF1-R2150ϙLRLSLTEF	11027	>NF1-R2150ϙLSLSLTEF	174	10853
>NF1-R2150ϙLRLSLTEF	10	>NF1-R2150ϙLSLSLTEF	13	3
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>NF1-R2150ϙLRLSLTEF	18138	>NF1-R2150ϙLSLSLTEF	5	18133
>NF1-R2150ϙLRLSLTEFSL	24363	>NF1-R2150ϙLSLSLTEFSL	30	24333
>NF1-R2150ϙLRLSLTEF	160	>NF1-R2150ϙLSLSLTEF	18578	18418
>NF1-R2150ϙLRLSLTEFSL	48	>NF1-R2150ϙLSLSLTEFSL	20037	19989
>NF1-R2150ϙLRLSLTEF	9141	>NF1-R2150ϙLSLSLTEF	480	8661
>NF1-R2150ϙLRLSLTEFSL	182	>NF1-R2150ϙLSLSLTEFSL	3739	3557
>NF1-R2150ϙLRLSLTEF	19000	>NF1-R2150ϙLSLSLTEF	30	18970
>NF1-R2150ϙLRLSLTEFSL	20942	>NF1-R2150ϙLSLSLTEFSL	66	20876
>NF1-R2150ϙLRLSLTEF	12072	>NF1-R2150ϙLSLSLTEF	128	11944
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>NF1-R2150ϙLRLSLTEF	380	>NF1-R2150ϙLSLSLTEF	15903	15523
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>NF1-R2150ϙHFSEETKQVL	87	>NF1-R2150ϙHFSEETKQVL	16570	16483
>NF1-R2150ϙHFSEETKQVL	60	>NF1-R2150ϙHFSEETKQVL	19316	19256
>NF1-R2150ϙHFSEETKQVL	113	>NF1-R2150ϙHFSEETKQVL	25415	25302
>NF1-R2150ϙHFSEETKQVL	21	>NF1-R2150ϙHFSEETKQVL	17442	17421
>NF1-R2150ϙVLRLSLTEFSL	2473	>NF1-R2150ϙVLSLSLTEFSL	93	2380
>NF1-R2150ϙVLRLSLTEF	5521	>NF1-R2150ϙVLSLSLTEF	417	5104
>NF1-R2150ϙVLRLSLTEFSL	399	>NF1-R2150ϙVLSLSLTEFSL	12	387
>NF1-R2150ϙVLRLSLTEFSL	245	>NF1-R2150ϙVLSLSLTEFSL	87	158
>NF1-R2150ϙVLRLSLTEFSL	2109	>NF1-R2150ϙVLSLSLTEFSL	341	1768
>NF1-R2150ϙVLRLSLTEFSL	382	>NF1-R2150ϙVLSLSLTEFSL	60	322
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>NF1-R2150ϙVLRLSLTEFSL	7	>NF1-R2150ϙVLSLSLTEFSL	4	3
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>NF1-R2150ϙVLRLSLTEF	20	>NF1-R2150ϙVLSLSLTEF	50	30
>NF1-R2150ϙVLRLSLTEF	31	>NF1-R2150ϙVLSLSLTEF	194	163
>NF1-R2150ϙVLRLSLTEF	368	>NF1-R2150ϙVLSLSLTEF	1089	721
>NF1-R2150ϙQVLRLSLTEF	483	>NF1-R2150ϙQVLSLSLTEF	435	48
>NF1-R2150ϙQVLRLSLTEF	419	>NF1-R2150ϙQVLSLSLTEF	346	73
>NF1-R2150ϙQVLRLSLTEF	111	>NF1-R2150ϙQVLSLSLTEF	106	5
>NF1-R2150ϙQVLRLSLTEF	146	>NF1-R2150ϙQVLSLSLTEF	80	66
>NF1-R2150ϙQVLRLSLTEF	154	>NF1-R2150ϙQVLSLSLTEF	67	87
>NF1-R2150ϙKQVLRSL	21	>NF1-R2150ϙKQVLSLSL	12	9
>NF1-R2150ϙKQVLRSLT	105	>NF1-R2150ϙKQVLSLSLT	90	15

>NF1-R2150S KQVLRLSLTEF	54	>NF1-R2150S KQVLSLSLTEF	54	0
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>NF1-R2150S KQVLRLSLTEF	103	>NF1-R2150S KQVLSLSLTEF	69	34
>NF1-R2150S KQVLRLSL	66	>NF1-R2150S KQVLSLSL	18	48
>NF1-R2150S KQVLRLSLTEF	5	>NF1-R2150S KQVLSLSLTEF	3	2
>NF1-R2150S KQVLRLSLTEF	437	>NF1-R2150S KQVLSLSLTEF	152	285
>NF1-R2150S KQVLRLSL	1063	>NF1-R2150S KQVLSLSL	445	618
>NF1-R2150S KQVLRLSL	384	>NF1-R2150S KQVLSLSL	206	178
>NF1-R2150S KQVLRLSL	136	>NF1-R2150S KQVLSLSL	703	567
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>NF1-R2150S TKQVLRLSL	305	>NF1-R2150S TKQVLSLSL	137	168
>NF1-R2150S TKQVLRLSL	267	>NF1-R2150S TKQVLSLSL	1425	1158
>NF1-R2150S ETKQVLRL	1016	>NF1-R2150S ETKQVLSL	82	934
>NF1-R2150S ETKQVLRLSL	153	>NF1-R2150S ETKQVLSLSL	111	42
>NF1-R2150S ETKQVLRL	405	>NF1-R2150S ETKQVLSL	176	229
>NF1-R2150S ETKQVLRL	80	>NF1-R2150S ETKQVLSL	67	13
>NF1-R2150S ETKQVLRLSL	403	>NF1-R2150S ETKQVLSLSL	294	109
>NF1-R2150S ETKQVLRL	728	>NF1-R2150S ETKQVLSL	195	533
>NF1-R2150S ETKQVLRLSL	232	>NF1-R2150S ETKQVLSLSL	224	8
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>NF1-R2150S ETKQVLRLS	5411	>NF1-R2150S ETKQVLSLS	359	5052
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>NF1-R2150S EETKQVLRL	1903	>NF1-R2150S EETKQVLSL	296	1607
>NF1-R2150S EETKQVLRLSI	345	>NF1-R2150S EETKQVLSLSI	214	131
>NF1-R2150S EETKQVLR	213	>NF1-R2150S EETKQVLS	30901	30688
>NF1-R2150S EETKQVLR	1458	>NF1-R2150S EETKQVLSL	343	1115
>NF1-R2150S EETKQVLRSLI	317	>NF1-R2150S EETKQVLSLSI	176	141
>NF1-R2150S EETKQVLR	572	>NF1-R2150S EETKQVLSL	84	488
>NF1-R2150S EETKQVLRSLI	81	>NF1-R2150S EETKQVLSLSI	66	15
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>NF1-R2150S SEETKQVLRL	718	>NF1-R2150S SEETKQVLSL	198	520
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>NF1-R2150S FSEETKQVLR	67	>NF1-R2150S FSEETKQVLSI	78	11
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>NF1-R997K-MLNLVRYVR\	30	>NF1-R997K-MLNLVKYVR\	17	13
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>NF1-R997K-MMLNLVRYV	14	>NF1-R997K-MMLNLVKYV	16	2
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>NF1-R997K-MMLNLVRYV	207	>NF1-R997K-MMLNLVKYV	230	23
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>NF1-S1150L MSNLLNANV	464	>NF1-S1150L MLNLLNANV	18702	18238
>NF1-S1150L SLRHCTVLAN	13271	>NF1-S1150L SLRHCTVLAN	357	12914
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>NF1-S1150L AMSNLLNAN	42	>NF1-S1150L AMLNLLNAN	15	27
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>NF1-S1150L AMSNLLNAN	13	>NF1-S1150L AMLNLLNAN	15	2
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>NF1-S1150L AMSNLLNA	61	>NF1-S1150L AMLNLLNA	8	53
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>NF1-S1150L AMSNLLNA	123	>NF1-S1150L AMLNLLNA	22	101
>NF1-S1150L AMSNLLNAN	5	>NF1-S1150L AMLNLLNAN	3	2
>NF1-S1150L AMSNLLNA	64	>NF1-S1150L AMLNLLNA	14	50
>NF1-S1150L AMSNLLNAN	9	>NF1-S1150L AMLNLLNAN	5	4
>NF1-S1150L AMSNLLNA	730	>NF1-S1150L AMLNLLNA	85	645
>NF1-S1150L AMSNLLNAN	7	>NF1-S1150L AMLNLLNAN	3	4
>NF1-S1150L AMSNLLNA	13	>NF1-S1150L AMLNLLNA	10	3
>NF1-S1150L AMSNLLNAN	2	>NF1-S1150L AMLNLLNAN	2	0
>NF1-S1150L AMSNLLNAN	2742	>NF1-S1150L AMLNLLNAN	317	2425
>NF1-S1150L AMSNLLNAN	521	>NF1-S1150L AMLNLLNAN	300	221
>NF1-S1150L LAMSNLLNAI	498	>NF1-S1150L LAMLNLLNAI	548	50
>NF1-S1150L LAMSNLLNAI	138	>NF1-S1150L LAMLNLLNAI	563	425
>NF1-S1150L LAMSNLLNAI	60	>NF1-S1150L LAMLNLLNAI	213	153
>NF1-S1150L LAMSNLLNA	337	>NF1-S1150L LAMLNLLNA	999	662
>NF1-S1150L LAMSNLLNAI	68	>NF1-S1150L LAMLNLLNAI	220	152
>NF1-S1150L LAMSNLLNA	320	>NF1-S1150L LAMLNLLNA	636	316



>NF1-S1150L LAMSNLLNAI	90	>NF1-S1150L LAMLNLLNAI	107	17
>NF1-S1150L LAMSNLLNAI	256	>NF1-S1150L LAMLNLLNAI	1100	844
>NF1-S1150L LAMSNLLNAI	138	>NF1-S1150L LAMLNLLNAI	227	89
>NF1-S1150L LAMSNLLNAI	68	>NF1-S1150L LAMLNLLNAI	298	230
>NF1-S1150L LAMSNLLNAI	72	>NF1-S1150L LAMLNLLNAI	148	76
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>NF1-S1150L VLAMSNLL	119	>NF1-S1150L VLAMLNLL	70	49
>NF1-S1150L VLAMSNLLN/	204	>NF1-S1150L VLAMLNLLN/	173	31
>NF1-S1150L VLAMSNLL	7	>NF1-S1150L VLAMLNLL	7	0
>NF1-S1150L VLAMSNLLN/	99	>NF1-S1150L VLAMLNLLN/	116	17
>NF1-S1150L VLAMSNLL	24	>NF1-S1150L VLAMLNLL	28	4
>NF1-S1150L VLAMSNLLN/	76	>NF1-S1150L VLAMLNLLN/	102	26
>NF1-S1150L VLAMSNLL	456	>NF1-S1150L VLAMLNLL	261	195
>NF1-S1150L VLAMSNLLN/	453	>NF1-S1150L VLAMLNLLN/	374	79
>NF1-S1150L VLAMSNLL	99	>NF1-S1150L VLAMLNLL	57	42
>NF1-S1150L VLAMSNLLN/	171	>NF1-S1150L VLAMLNLLN/	183	12
>NF1-S1150L VLAMSNLL	259	>NF1-S1150L VLAMLNLL	264	5
>NF1-S1150L VLAMSNLL	45	>NF1-S1150L VLAMLNLL	36	9
>NF1-S1150L VLAMSNLLN/	91	>NF1-S1150L VLAMLNLLN/	87	4
>NF1-S1150L VLAMSNLL	139	>NF1-S1150L VLAMLNLL	191	52
>NF1-S1150L VLAMSNLL	6	>NF1-S1150L VLAMLNLL	5	1
>NF1-S1150L VLAMSNLLN/	11	>NF1-S1150L VLAMLNLLN/	16	5
>NF1-S1150L TVLAMSNL	143	>NF1-S1150L TVLAMLNL	316	173
>NF1-S1150L TVLAMSPLL	295	>NF1-S1150L TVLAMLNLL	288	7
>NF1-S1150L TVLAMSPLL	1250	>NF1-S1150L TVLAMLNLL	305	945
>NF1-S1150L TVLAMSPLL	194	>NF1-S1150L TVLAMLNLL	195	1
>NF1-S1150L TVLAMSPLL	523	>NF1-S1150L TVLAMLNL	150	373
>NF1-S1150L TVLAMSPLL	230	>NF1-S1150L TVLAMLNLL	35	195
>NF1-S1150L TVLAMSPLL	355	>NF1-S1150L TVLAMLNLLN	165	190
>NF1-S1150L TVLAMSPLL	386	>NF1-S1150L TVLAMLNL	333	53
>NF1-S1150L TVLAMSPLL	94	>NF1-S1150L TVLAMLNL	318	224
>NF1-S1150L TVLAMSPLL	52	>NF1-S1150L TVLAMLNLL	82	30
>NF1-S1150L TVLAMSPLL	61	>NF1-S1150L TVLAMLNL	53	8
>NF1-S1150L TVLAMSPLL	121	>NF1-S1150L TVLAMLNLL	137	16
>NF1-S1150L TVLAMSPLL	193	>NF1-S1150L TVLAMLNLLN	274	81
>NF1-S1150L TVLAMSPLL	396	>NF1-S1150L TVLAMLNLL	2256	1860
>NF1-S1150L TVLAMSPLL	474	>NF1-S1150L TVLAMLNLL	567	93
>NF1-S1150L CTVLAMSPLL	11	>NF1-S1150L CTVLAMLNL	45	34
>NF1-S1150L CTVLAMSPLL	341	>NF1-S1150L CTVLAMLNLL	119	222
>NF1-S1150L CTVLAMSPLL	84	>NF1-S1150L CTVLAMLNL	426	342
>NF1-S1150L CTVLAMSPLL	12	>NF1-S1150L CTVLAMLNL	12	0
>NF1-S1150L CTVLAMSPLL	127	>NF1-S1150L CTVLAMLNLL	179	52
>NF1-S1150L CTVLAMSPLL	174	>NF1-S1150L CTVLAMLNL	118	56

>NF1-S1150L CTVLAMSNLI	31	>NF1-S1150L CTVLAMLNLI	36	5
>NF1-S1150L CTVLAMSNL	279	>NF1-S1150L CTVLAMLNL	5362	5083
>NF1-S1150L CTVLAMSNLI	90	>NF1-S1150L CTVLAMLNLI	149	59
>NF1-S1150L CTVLAMSNL	163	>NF1-S1150L CTVLAMLNL	453	290
>NF1-S1150L CTVLAMSNLI	232	>NF1-S1150L CTVLAMLNLI	280	48
>NF1-S1150L RHCTVLAMS	20799	>NF1-S1150L RHCTVLAML	313	20486
>NF1-S1150L RHCTVLAMS	15937	>NF1-S1150L RHCTVLAML	358	15579
>NF1-S1150L LRHCTVLAM	2091	>NF1-S1150L LRHCTVLAMI	80	2011
>NF1-S1150L LRHCTVLAM	11676	>NF1-S1150L LRHCTVLAMI	298	11378
>NF1-S1150L LRHCTVLAM	4442	>NF1-S1150L LRHCTVLAMI	198	4244
>NF1-S1150L LRHCTVLAM	2986	>NF1-S1150L LRHCTVLAMI	174	2812
>NF1-S2181C SYRDRSFS	25	>NF1-S2181C GYRDRSFS	134	109
>NF1-S2181C SYRDRSFSP	67	>NF1-S2181C GYRDRSFSP	400	333
>NF1-S2181C SYRDRSFSPG	18	>NF1-S2181C GYRDRSFSPG	85	67
>NF1-S2181C SYRDRSFSPG	30	>NF1-S2181C GYRDRSFSPG	168	138
>NF1-S2181C SSYRDRSF	292	>NF1-S2181C SGYRDRSF	13252	12960
>NF1-S2181C SSYRDRSF	122	>NF1-S2181C SGYRDRSF	681	559
>NF1-S2181C SSYRDRSF	17	>NF1-S2181C SGYRDRSF	250	233
>NF1-S2181C SSYRDRSF	11	>NF1-S2181C SGYRDRSF	1523	1512
>NF1-S2181C SSYRDRSF	265	>NF1-S2181C SGYRDRSF	6444	6179
>NF1-S2181C RSSYRDRSF	45	>NF1-S2181C RSGYRDRSF	49	4
>NF1-S2181C RSSYRDRSF	89	>NF1-S2181C RSGYRDRSF	112	23
>NF1-S2181C RSSYRDRSF	30	>NF1-S2181C RSGYRDRSF	136	106
>NF1-S2181C RSSYRDRSF	4	>NF1-S2181C RSGYRDRSF	13	9
>NF1-S2181C RSSYRDRSF	150	>NF1-S2181C RSGYRDRSF	342	192
>NF1-S2181C RSSYRDRSF	211	>NF1-S2181C RSGYRDRSF	1587	1376
>NF1-S2181C RSSYRDRSF	142	>NF1-S2181C RSGYRDRSF	699	557
>NF1-S2181C RSSYRDRSFS	425	>NF1-S2181C RSGYRDRSFS	3066	2641
>NF1-S2181C FRSSYRDRSF	20	>NF1-S2181C FRSGYRDRSF	90	70
>NF1-S2181C FRSSYRDR	527	>NF1-S2181C FRSGYRDR	401	126
>NF1-S2181C FRSSYRDRSF	390	>NF1-S2181C FRSGYRDRSF	364	26
>NF1-S2181C AFRSSYRDRS	219	>NF1-S2181C AFRSGYRDRS	162	57
>NF1-S2181C AFRSSYRDR	125	>NF1-S2181C AFRSGYRDR	334	209
>NF1-S2181C AFRSSYRDR	45	>NF1-S2181C AFRSGYRDR	65	20
>NF1-S2181C AFRSSYRDRS	682	>NF1-S2181C AFRSGYRDRS	489	193
>NF1-S2181C AFRSSYRDRS	96	>NF1-S2181C AFRSGYRDRS	261	165
>NF1-S2181C IAFRSSYR	242	>NF1-S2181C IAFRSGYR	514	272
>NF1-S2181C IAFRSSYR	57	>NF1-S2181C IAFRSGYR	151	94
>NF1-S2181C IAFRSSYR	8	>NF1-S2181C IAFRSGYR	10	2
>NF1-S2181C IAFRSSYRDR	119	>NF1-S2181C IAFRSGYRDR	308	189
>NF1-S2181C IAFRSSYR	41	>NF1-S2181C IAFRSGYR	74	33
>NF1-S2181C IAFRSSYR	4	>NF1-S2181C IAFRSGYR	7	3
>NF1-S2181C IAFRSSYR	373	>NF1-S2181C IAFRSGYR	1347	974

>NF1-S2181C IAFRSSYRDR	472	>NF1-S2181C IAFRSGYRDR	681	209
>NF1-S2181C IAFRSSYRDR	420	>NF1-S2181C IAFRSGYRDR	682	262
>NF1-S2181C IAFRSSYR	113	>NF1-S2181C IAFRSGYR	152	39
>NF1-S2181C VIAFRSSY	361	>NF1-S2181C VIAFRSGY	533	172
>NF1-S2181C VIAFRSSYR	80	>NF1-S2181C VIAFRSGYR	117	37
>NF1-S2181C VIAFRSSYR	92	>NF1-S2181C VIAFRSGYR	301	209
>NF1-S2181C VIAFRSSY	81	>NF1-S2181C VIAFRSGY	102	21
>NF1-S2181C VIAFRSSY	17	>NF1-S2181C VIAFRSGY	21	4
>NF1-S2181C VIAFRSSYR	19	>NF1-S2181C VIAFRSGYR	42	23
>NF1-S2181C VIAFRSSYR	137	>NF1-S2181C VIAFRSGYR	335	198
>NF1-S2181C VIAFRSSYR	17	>NF1-S2181C VIAFRSGYR	40	23
>NF1-S2181C VIAFRSSYRDF	185	>NF1-S2181C VIAFRSGYRDF	366	181
>NF1-S2181C VIAFRSSY	243	>NF1-S2181C VIAFRSGY	196	47
>NF1-S2181C VIAFRSSY	94	>NF1-S2181C VIAFRSGY	257	163
>NF1-S2181C VIAFRSSY	319	>NF1-S2181C VIAFRSGY	391	72
>NF1-S2181C VIAFRSSY	317	>NF1-S2181C VIAFRSGY	445	128
>NF1-S2181C VIAFRSSYR	200	>NF1-S2181C VIAFRSGYR	176	24
>NF1-S2181C AVIAFRSSYR	41	>NF1-S2181C AVIAFRSGYR	63	22
>NF1-S2181C AVIAFRSSY	31	>NF1-S2181C AVIAFRSGY	57	26
>NF1-S2181C AVIAFRSSYR	17	>NF1-S2181C AVIAFRSGYR	38	21
>NF1-S2181C AVIAFRSSY	156	>NF1-S2181C AVIAFRSGY	1319	1163
>NF1-S2181C AVIAFRSSY	202	>NF1-S2181C AVIAFRSGY	69	133
>NF1-S2181C AVIAFRSSY	8	>NF1-S2181C AVIAFRSGY	8	0
>NF1-S2181C AVIAFRSSY	107	>NF1-S2181C AVIAFRSGY	36	71
>NF1-S2181C AVIAFRSSY	59	>NF1-S2181C AVIAFRSGY	84	25
>NF1-S2181C AVIAFRSSYR	477	>NF1-S2181C AVIAFRSGYR	759	282
>NF1-S2181C AVIAFRSSY	18	>NF1-S2181C AVIAFRSGY	26	8
>NF1-S2181C AVIAFRSSYR	7	>NF1-S2181C AVIAFRSGYR	13	6
>NF1-S2181C AVIAFRSSYR	104	>NF1-S2181C AVIAFRSGYR	338	234
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>NF1-S2181C AVIAFRSSY	307	>NF1-S2181C AVIAFRSGY	287	20
>NF1-S2181C AVIAFRSSY	59	>NF1-S2181C AVIAFRSGY	109	50
>NF1-S2181C AVIAFRSSY	202	>NF1-S2181C AVIAFRSGY	203	1
>NF1-S2181C AVIAFRSSY	48	>NF1-S2181C AVIAFRSGY	290	242
>NF1-S2181C AVIAFRSSY	108	>NF1-S2181C AVIAFRSGY	92	16
>NF1-S2181C AVIAFRSSY	20	>NF1-S2181C AVIAFRSGY	72	52
>NF1-S2181C AVIAFRSSY	39	>NF1-S2181C AVIAFRSGY	3296	3257
>NF1-S2181C AVIAFRSSYR	165	>NF1-S2181C AVIAFRSGYR	432	267
>NF1-S2181C AVIAFRSSYR	352	>NF1-S2181C AVIAFRSGYR	312	40
>NF1-S2181C AAVIAFRSSY	549	>NF1-S2181C AAVIAFRSGY	322	227
>NF1-S2181C AAVIAFRSSY	175	>NF1-S2181C AAVIAFRSGY	297	122
>NF1-S2181C AAVIAFRSSYF	33	>NF1-S2181C AAVIAFRSGYF	55	22
>NF1-S2181C AAVIAFRSSYF	68	>NF1-S2181C AAVIAFRSGYF	157	89

>NF1-S2181CAAIAFRSSY	127	>NF1-S2181CAAIAFRSGY	318	191
>NF1-S2181CAAIAFRSSY	58	>NF1-S2181CAAIAFRSGY	307	249
>NF1-S2181CAAIAFRSSY	10	>NF1-S2181CAAIAFRSGY	9	1
>NF1-S2181CAAIAFRSSY	496	>NF1-S2181CAAIAFRSGY	1118	622
>NF1-S2181CAAIAFRSSY	212	>NF1-S2181CAAIAFRSGY	5355	5143
>NF1-S2181CAAIAFRSSYF	368	>NF1-S2181CAAIAFRSGY	327	41
>NF1-S2181CSAAIAFRSSY	163	>NF1-S2181CSAAIAFRSG'	202	39
>NF1-S2181CSAAIAFRSSY	17	>NF1-S2181CSAAIAFRSG'	23	6
>NF1-S2181CSAAIAFRSSY	116	>NF1-S2181CSAAIAFRSG'	123	7
>NF1-S2181CSAAIAFRSSY	416	>NF1-S2181CSAAIAFRSG'	367	49
>NF1-S2181CSAAIAFRSSY	322	>NF1-S2181CSAAIAFRSG'	922	600
>NF1-S2181CSAAIAFRSSY	329	>NF1-S2181CSAAIAFRSG'	1345	1016
>NF1-S2181CSAAIAFRSSY	72	>NF1-S2181CSAAIAFRSG'	60	12
>NF1-S2181CSAAIAFRSSY	70	>NF1-S2181CSAAIAFRSG'	139	69
>NF1-S2181CSAAIAFRSSY	21	>NF1-S2181CSAAIAFRSG'	46	25
>NF1-S2181CSAAIAFRSSY	307	>NF1-S2181CSAAIAFRSG'	5932	5625
>NF1-S2181CSAAIAFRSSY	491	>NF1-S2181CSAAIAFRSG'	704	213
>NF1-S2484FSYRTLKETQP'	207	>NF1-S2484F FYRTLKETQP'	62	145
>NF1-S2484FDTYPIHHGDF	17124	>NF1-S2484F DTYPIHHGDF	367	16757
>NF1-S2484FDTYPIHHGDF	5378	>NF1-S2484F DTYPIHHGDF	22	5356
>NF1-S2484FDTYPIHHGDF	15812	>NF1-S2484F DTYPIHHGDF	222	15590
>NF1-S2484FDTYPIHHGDF	1223	>NF1-S2484F DTYPIHHGDF	481	742
>NF1-S2484FDTYPIHHGDF	148	>NF1-S2484F DTYPIHHGDF	1182	1034
>NF1-S2484FDTYPIHHGDF	10773	>NF1-S2484F DTYPIHHGDF	14	10759
>NF1-S2484FDTYPIHHGDF	8824	>NF1-S2484F DTYPIHHGDF	190	8634
>NF1-S2484FDPSYRTLK	1474	>NF1-S2484F DPFYRTLK	282	1192
>NF1-S2484FDPSYRTLK	398	>NF1-S2484F DPFYRTLK	75	323
>NF1-S2484FHHGDPSYR	2826	>NF1-S2484F HHGDPSYR	427	2399
>NF1-S2484FHHGDPSYRTL	127	>NF1-S2484F HHGDPSYRTL	193	66
>NF1-S2484FHHGDPSYRTL	229	>NF1-S2484F HHGDPSYRTL	353	124
>NF1-S2484FHHGDPSYR	41	>NF1-S2484F HHGDPSYR	18	23
>NF1-S2484FIHHGDPSY	367	>NF1-S2484F IHHGDPSY	67	300
>NF1-S2484FIHHGDPSY	142	>NF1-S2484F IHHGDPSY	93	49
>NF1-S2484FIHHGDPSY	161	>NF1-S2484F IHHGDPSY	478	317
>NF1-S2484FIHHGDPSYRT	398	>NF1-S2484F IHHGDPSYRT	676	278
>NF1-S2484FIHHGDPSYRT	151	>NF1-S2484F IHHGDPSYRT	227	76
>NF1-S2484FIHHGDPSYRT	378	>NF1-S2484F IHHGDPSYRT	305	73
>NF1-S2484FIHHGDPSY	1026	>NF1-S2484F IHHGDPSY	471	555
>NF1-S2484FIHHGDPSYR	309	>NF1-S2484F IHHGDPSYR	67	242
>NF1-S2484FPIHHGDPSY	1140	>NF1-S2484F PIHHGDPSY	234	906
>NF1-S2484FPIHHGDPSY	146	>NF1-S2484F PIHHGDPSY	44	102
>NF1-S2484FPIHHGDPSY	59	>NF1-S2484F PIHHGDPSY	38	21
>NF1-S2484FPIHHGDPSYR	451	>NF1-S2484F PIHHGDPSYR	99	352

>NF1-S2484FYPIHHGDPS	19847	>NF1-S2484FYPIHHGDPF	144	19703
>NF1-S2484FYPIHHGDPSY	69	>NF1-S2484FYPIHHGDPFY	22	47
>NF1-S2484FYPIHHGDPSY	172	>NF1-S2484FYPIHHGDPFY	96	76
>NF1-S2484FYPIHHGDPS	294	>NF1-S2484FYPIHHGDPF	9	285
>NF1-S2484FYPIHHGDPS	14968	>NF1-S2484FYPIHHGDPF	174	14794
>NF1-S2484FYPIHHGDPSY	162	>NF1-S2484FYPIHHGDPFY	396	234
>NF1-S2484FYPIHHGDPS	12416	>NF1-S2484FYPIHHGDPF	31	12385
>NF1-S2484FYPIHHGDPSY	183	>NF1-S2484FYPIHHGDPFY	468	285
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>NF1-S2484FYPIHHGDPSY	18	>NF1-S2484FYPIHHGDPFY	29	11
>NF1-S2484FYPIHHGDPS	20359	>NF1-S2484FYPIHHGDPF	406	19953
>NF1-S2484FYPIHHGDPSY	239	>NF1-S2484FYPIHHGDPFY	173	66
>NF1-S2484FYPIHHGDPS	33	>NF1-S2484FYPIHHGDPF	358	325
>NF1-S2484FYPIHHGDPSY	94	>NF1-S2484FYPIHHGDPFY	131	37
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>NF1-S2484FYPIHHGDPSY	20	>NF1-S2484FYPIHHGDPFY	55	35
>NF1-S2484FYPIHHGDPS	6692	>NF1-S2484FYPIHHGDPF	19	6673
>NF1-S2484FYPIHHGDPSY	35	>NF1-S2484FYPIHHGDPFY	53	18
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>NF1-S2484FTYPIHHGDPS	33247	>NF1-S2484FTYPIHHGDPF	186	33061
>NF1-S2484FTYPIHHGDPS	22738	>NF1-S2484FTYPIHHGDPF	61	22677
>NF1-S2484FTYPIHHGDPS	3676	>NF1-S2484FTYPIHHGDPF	8	3668
>NF1-S2484FTYPIHHGDPS	524	>NF1-S2484FTYPIHHGDPF	321	203
>NF1-S2484FTYPIHHGDPS	79	>NF1-S2484FTYPIHHGDPF	32	47
>NF1-S2484FTYPIHHGDPS	201	>NF1-S2484FTYPIHHGDPF	138	63
>NF1-S574T-SSQMLFYICK	175	>NF1-S574T-TSQMLFYICK	279	104
>NF1-S574T-SSQMLFYICK	9	>NF1-S574T-TSQMLFYICK	13	4
>NF1-S574T-SSQMLFYICK	7	>NF1-S574T-TSQMLFYICK	9	2
>NF1-S574T-SSQMLFYICK	149	>NF1-S574T-TSQMLFYICK	777	628
>NF1-S574T-SSQMLFYICK	203	>NF1-S574T-TSQMLFYICK	1121	918
>NF1-S574T-SSQMLFYICK	45	>NF1-S574T-TSQMLFYICK	84	39
>NF1-S574T-SSQMLFYICK	102	>NF1-S574T-TSQMLFYICK	150	48
>NF1-S574T-SSQMLFYICK	450	>NF1-S574T-TSQMLFYICK	651	201
>NF1-S574T-SSQMLFYICK	393	>NF1-S574T-TSQMLFYICK	201	192
>NF1-S574T-SSQMLFYICK	409	>NF1-S574T-TSQMLFYICK	135	274
>NF1-S574T-SSQMLFYI	721	>NF1-S574T-TSQMLFYI	171	550
>NF1-S574T-SSQMLFYIC	445	>NF1-S574T-TSQMLFYIC	462	17
>NF1-S574T-SSQMLFYI	388	>NF1-S574T-TSQMLFYI	1319	931
>NF1-S574T-SSQMLFYICK	74	>NF1-S574T-TSQMLFYICK	148	74
>NF1-S574T-SSQMLFYICK	102	>NF1-S574T-TSQMLFYICK	236	134
>NF1-S574T-SSQMLFYI	32	>NF1-S574T-TSQMLFYI	68	36
>NF1-S574T-ISSQMLFY	19	>NF1-S574T-ITSQMLFY	13	6
>NF1-S574T-ISSQMLFYI	728	>NF1-S574T-ITSQMLFYI	80	648

>NF1-S574T- ISSQMLFYI	124	>NF1-S574T- ITSQMLFYI	30	94
>NF1-S574T- ISSQMLFYI	2769	>NF1-S574T- ITSQMLFYI	287	2482
>NF1-S574T- ISSQMLFYI	144	>NF1-S574T- ITSQMLFYI	21	123
>NF1-S574T- ISSQMLFYI	2639	>NF1-S574T- ITSQMLFYI	115	2524
>NF1-S574T- ISSQMLFY	622	>NF1-S574T- ITSQMLFY	316	306
>NF1-S574T- ISSQMLFYICK	238	>NF1-S574T- ITSQMLFYICK	139	99
>NF1-S574T- ISSQMLFY	131	>NF1-S574T- ITSQMLFY	47	84
>NF1-S574T- ISSQMLFYICK	12	>NF1-S574T- ITSQMLFYICK	10	2
>NF1-S574T- ISSQMLFY	318	>NF1-S574T- ITSQMLFY	40	278
>NF1-S574T- ISSQMLFY	18	>NF1-S574T- ITSQMLFY	9	9
>NF1-S574T- ISSQMLFYICK	529	>NF1-S574T- ITSQMLFYICK	256	273
>NF1-S574T- ISSQMLFY	16	>NF1-S574T- ITSQMLFY	15	1
>NF1-S574T- ISSQMLFYICK	833	>NF1-S574T- ITSQMLFYICK	416	417
>NF1-S574T- ISSQMLFY	1239	>NF1-S574T- ITSQMLFY	283	956
>NF1-S574T- ISSQMLFYICK	101	>NF1-S574T- ITSQMLFYICK	22	79
>NF1-S574T- ISSQMLFYI	705	>NF1-S574T- ITSQMLFYI	49	656
>NF1-S574T- ISSQMLFYI	3784	>NF1-S574T- ITSQMLFYI	327	3457
>NF1-S574T- ISSQMLFY	33	>NF1-S574T- ITSQMLFY	10	23
>NF1-S574T- ISSQMLFY	258	>NF1-S574T- ITSQMLFY	331	73
>NF1-S574T- ISSQMLFY	436	>NF1-S574T- ITSQMLFY	1371	935
>NF1-S574T- ISSQMLFY	4	>NF1-S574T- ITSQMLFY	3	1
>NF1-S574T- ISSQMLFYI	37	>NF1-S574T- ITSQMLFYI	24	13
>NF1-S574T- ISSQMLFY	345	>NF1-S574T- ITSQMLFY	392	47
>NF1-S574T- ISSQMLFY	39	>NF1-S574T- ITSQMLFY	76	37
>NF1-S574T- ISSQMLFYI	18	>NF1-S574T- ITSQMLFYI	28	10
>NF1-S574T- ISSQMLFYI	94	>NF1-S574T- ITSQMLFYI	44	50
>NF1-S574T- ISSQMLFYIC	466	>NF1-S574T- ITSQMLFYIC	160	306
>NF1-S574T- ISSQMLFY	136	>NF1-S574T- ITSQMLFY	171	35
>NF1-S574T- ISSQMLFYI	162	>NF1-S574T- ITSQMLFYI	51	111
>NF1-S574T- ISSQMLFYICK	165	>NF1-S574T- ITSQMLFYICK	145	20
>NF1-S574T- ISSQMLFYI	27	>NF1-S574T- ITSQMLFYI	24	3
>NF1-S574T- EISSQMLFY	68	>NF1-S574T- EITSQMLFY	424	356
>NF1-S574T- EISSQMLFYI	81	>NF1-S574T- EITSQMLFYI	263	182
>NF1-S574T- EISSQMLFYI	261	>NF1-S574T- EITSQMLFYI	556	295
>NF1-S574T- EISSQMLFYI	442	>NF1-S574T- EITSQMLFYI	682	240
>NF1-S574T- EISSQMLFY	414	>NF1-S574T- EITSQMLFY	1416	1002
>NF1-S574T- EISSQMLFY	319	>NF1-S574T- EITSQMLFY	262	57
>NF1-S574T- EISSQMLF	385	>NF1-S574T- EITSQMLF	250	135
>NF1-S574T- EISSQMLFY	13	>NF1-S574T- EITSQMLFY	12	1
>NF1-S574T- EISSQMLF	211	>NF1-S574T- EITSQMLF	81	130
>NF1-S574T- EISSQMLFY	3	>NF1-S574T- EITSQMLFY	2	1
>NF1-S574T- EISSQMLFYI	312	>NF1-S574T- EITSQMLFYI	114	198
>NF1-S574T- EISSQMLFY	17	>NF1-S574T- EITSQMLFY	19	2

>NF1-S574T- EISSQMLFY	97	>NF1-S574T- EITSQMLFY	198	101
>NF1-S574T- EISSQMLFY	140	>NF1-S574T- EITSQMLFY	156	16
>NF1-S574T- EISSQMLFYI	85	>NF1-S574T- EITSQMLFYI	128	43
>NF1-S574T- EISSQMLFYI	16	>NF1-S574T- EITSQMLFYI	18	2
>NF1-S574T- EISSQMLFY	7	>NF1-S574T- EITSQMLFY	6	1
>NF1-S574T- WEISSQML	115	>NF1-S574T- WEITSQML	72	43
>NF1-S574T- WEISSQMLFY	683	>NF1-S574T- WEITSQMLFY	282	401
>NF1-S574T- WEISSQMLFY	17	>NF1-S574T- WEITSQMLFY	10	7
>NF1-S574T- WEISSQMLFY	285	>NF1-S574T- WEITSQMLFY	330	45
>NF1-S574T- WEISSQMLFY	419	>NF1-S574T- WEITSQMLFY	436	17
>NF1-S574T- WEISSQMLFY	288	>NF1-S574T- WEITSQMLFY	267	21
>NF1-S574T- WEISSQMLFY	65	>NF1-S574T- WEITSQMLFY	90	25
>NF1-S574T- WEISSQMLFY	273	>NF1-S574T- WEITSQMLFY	595	322
>NF1-S574T- WEISSQML	152	>NF1-S574T- WEITSQML	297	145
>NF1-S574T- WEISSQMLF	10	>NF1-S574T- WEITSQMLF	15	5
>NF1-S574T- WEISSQMLFY	66	>NF1-S574T- WEITSQMLFY	110	44
>NF1-S574T- WEISSQML	97	>NF1-S574T- WEITSQML	76	21
>NF1-S574T- WEISSQMLF	20	>NF1-S574T- WEITSQMLF	19	1
>NF1-S574T- WEISSQMLFY	162	>NF1-S574T- WEITSQMLFY	143	19
>NF1-S574T- WEISSQML	120	>NF1-S574T- WEITSQML	119	1
>NF1-S574T- WEISSQML	7	>NF1-S574T- WEITSQML	8	1
>NF1-S574T- WEISSQMLF	18	>NF1-S574T- WEITSQMLF	21	3
>NF1-S574T- WEISSQMLFY	11	>NF1-S574T- WEITSQMLFY	14	3
>NF1-S574T- WEISSQML	53	>NF1-S574T- WEITSQML	75	22
>NF1-S574T- WEISSQMLF	223	>NF1-S574T- WEITSQMLF	287	64
>NF1-S574T- WEISSQMLFY	64	>NF1-S574T- WEITSQMLFY	91	27
>NF1-S574T- WEISSQML	279	>NF1-S574T- WEITSQML	373	94
>NF1-S574T- WEISSQMLF	147	>NF1-S574T- WEITSQMLF	207	60
>NF1-S574T- WEISSQMLF	80	>NF1-S574T- WEITSQMLF	119	39
>NF1-S574T- WEISSQMLFY	373	>NF1-S574T- WEITSQMLFY	406	33
>NF1-S574T- WEISSQMLFY	354	>NF1-S574T- WEITSQMLFY	485	131
>NF1-S574T- WEISSQMLFY	232	>NF1-S574T- WEITSQMLFY	284	52
>NF1-S574T- WEISSQML	76	>NF1-S574T- WEITSQML	69	7
>NF1-S574T- WEISSQMLF	10	>NF1-S574T- WEITSQMLF	7	3
>NF1-S574T- WEISSQMLFY	25	>NF1-S574T- WEITSQMLFY	26	1
>NF1-S574T- WEISSQMLFY	3	>NF1-S574T- WEITSQMLFY	3	0
>NF1-S574T- FWEISSQMLF	39	>NF1-S574T- FWEITSQMLF	30	9
>NF1-S574T- FWEISSQMLF	161	>NF1-S574T- FWEITSQMLF	137	24
>NF1-S574T- FWEISSQML	298	>NF1-S574T- FWEITSQML	207	91
>NF1-S574T- FWEISSQMLF	23	>NF1-S574T- FWEITSQMLF	23	0
>NF1-S574T- FWEISSQMLF	231	>NF1-S574T- FWEITSQMLF	184	47
>NF1-S574T- FWEISSQMLF	37	>NF1-S574T- FWEITSQMLF	28	9
>NF1-S574T- FWEISSQMLF	578	>NF1-S574T- FWEITSQMLF	480	98

>NF1-S574T- FWEISSQMLF	209	>NF1-S574T- FWEITSQMLF	159	50
>NF1-S574T- FWEISSQML	571	>NF1-S574T- FWEITSQML	478	93
>NF1-S574T- FWEISSQMLF	257	>NF1-S574T- FWEITSQMLF	197	60
>NF1-S574T- TFWEISSQMI	16	>NF1-S574T- TFWEITSQMI	16	0
>NF1-S574T- TFWEISSQMI	114	>NF1-S574T- TFWEITSQMI	131	17
>NF1-S574T- TFWEISSQMI	169	>NF1-S574T- TFWEITSQMI	95	74
>NF1-S574T- TFWEISSQMI	16	>NF1-S574T- TFWEITSQMI	14	2
>NF1-S574T- TFWEISSQM	392	>NF1-S574T- TFWEITSQM	317	75
>NF1-S574T- TFWEISSQMI	30	>NF1-S574T- TFWEITSQMI	30	0
>NF1-S574T- TFWEISSQM	164	>NF1-S574T- TFWEITSQM	194	30
>NF1-S574T- TFWEISSQMI	430	>NF1-S574T- TFWEITSQMI	478	48
>NF1-S574T- TFWEISSQM	319	>NF1-S574T- TFWEITSQM	674	355
>NF1-S574T- ETFWEISSQM	412	>NF1-S574T- ETFWEITSQM	391	21
>NF1-S574T- ETFWEISSQM	638	>NF1-S574T- ETFWEITSQM	482	156
>NF1-S574T- ETFWEISSQM	881	>NF1-S574T- ETFWEITSQM	356	525
>NF1-S574T- ETFWEISSQM	326	>NF1-S574T- ETFWEITSQM	509	183
>NF1-S574T- ETFWEISSQM	22	>NF1-S574T- ETFWEITSQM	15	7
>NF1-S574T- ETFWEISSQM	488	>NF1-S574T- ETFWEITSQM	951	463
>NF1-S574T- ETFWEISSQM	80	>NF1-S574T- ETFWEITSQM	43	37
>NF1-S574T- ETFWEISSQM	1010	>NF1-S574T- ETFWEITSQM	403	607
>NF1-S574T- ETFWEISSQM	527	>NF1-S574T- ETFWEITSQM	241	286
>NF1-S574T- ETFWEISS	231	>NF1-S574T- ETFWEITS	201	30
>NF1-S574T- ETFWEISSQ	16	>NF1-S574T- ETFWEITSQ	18	2
>NF1-S574T- ETFWEISSQM	243	>NF1-S574T- ETFWEITSQM	305	62
>NF1-S574T- ETFWEISS	207	>NF1-S574T- ETFWEITS	318	111
>NF1-S574T- ETFWEISSQM	121	>NF1-S574T- ETFWEITSQM	100	21
>NF1-S574T- ETFWEISSQM	15	>NF1-S574T- ETFWEITSQM	18	3
>NF1-S574T- ETFWEISSQM	8	>NF1-S574T- ETFWEITSQM	7	1
>NF1-S574T- ETFWEISSQM	8	>NF1-S574T- ETFWEITSQM	8	0
>NF1-S574T- ETFWEISSQM	10	>NF1-S574T- ETFWEITSQM	15	5
>NF1-S574T- ETFWEISSQM	12	>NF1-S574T- ETFWEITSQM	17	5
>NF1-S574T- ETFWEISSQM	48	>NF1-S574T- ETFWEITSQM	69	21
>NF1-S574T- ETFWEISSQM	113	>NF1-S574T- ETFWEITSQM	175	62
>NF1-S574T- ETFWEISSQM	207	>NF1-S574T- ETFWEITSQM	236	29
>NF1-S574T- VETFWEISSQ	456	>NF1-S574T- VETFWEITSQ	378	78
>NF1-S574T- VETFWEISSQ	410	>NF1-S574T- VETFWEITSQ	553	143
>NF1-S574T- VETFWEISSQ	117	>NF1-S574T- VETFWEITSQ	82	35
>NF1-V1182FVLTKILQQ	3505	>NF1-V1182FVLTKILQQ	120	3385
>NF1-V1182FVLTKILQQG	2273	>NF1-V1182FVLTKILQQG	56	2217
>NF1-V1182FVLTKILQQGT	4844	>NF1-V1182FVLTKILQQGT	448	4396
>NF1-V1182FVLTKILQQGT	845	>NF1-V1182FVLTKILQQGT	112	733
>NF1-V1182FVLTKILQQ	3658	>NF1-V1182FVLTKILQQ	448	3210
>NF1-V1182FVLTKILQQGT	838	>NF1-V1182FVLTKILQQGT	93	745



>NF1-V1182FVLTKILQQ	45	>NF1-V1182FFLTKILQQ	8	37
>NF1-V1182FVLTKILQQG	1857	>NF1-V1182FFLTKILQQG	135	1722
>NF1-V1182FVLTKILQQGT	33	>NF1-V1182FFLTKILQQGT	7	26
>NF1-V1182FDLQTRATFMI	371	>NF1-V1182FDLQTRATFMI	21952	21581
>NF1-V1182FDLQTRATFMI	331	>NF1-V1182FDLQTRATFMI	19288	18957
>NF1-V1182FDLQTRATFMI	318	>NF1-V1182FDLQTRATFMI	21788	21470
>NF1-V1182FDLQTRATFMI	241	>NF1-V1182FDLQTRATFMI	21217	20976
>NF1-V1182FDLQTRATFMI	14	>NF1-V1182FDLQTRATFMI	16050	16036
>NF1-V1182FMEVLTKIL	5	>NF1-V1182FMEFLTKIL	5	0
>NF1-V1182FMEVLTKIL	2089	>NF1-V1182FMEFLTKIL	357	1732
>NF1-V1182FMEVLTKIL	87	>NF1-V1182FMEFLTKIL	33	54
>NF1-V1182FMEVLTKILQ	516	>NF1-V1182FMEFLTKILQ	165	351
>NF1-V1182FMEVLTKIL	498	>NF1-V1182FMEFLTKIL	247	251
>NF1-V1182FMEVLTKIL	25	>NF1-V1182FMEFLTKIL	20	5
>NF1-V1182FMEVLTKIL	198	>NF1-V1182FMEFLTKIL	45	153
>NF1-V1182FMEVLTKIL	191	>NF1-V1182FMEFLTKIL	83	108
>NF1-V1182FMEVLTKILQ	1112	>NF1-V1182FMEFLTKILQ	450	662
>NF1-V1182FMEVLTKILQQ	1259	>NF1-V1182FMEFLTKILQQ	491	768
>NF1-V1182FMFVLTKI	241	>NF1-V1182FMFVFLTKI	124	117
>NF1-V1182FMFVLTKI	20	>NF1-V1182FMFVFLTKI	11	9
>NF1-V1182FMFVLTKIL	96	>NF1-V1182FMFVFLTKIL	49	47
>NF1-V1182FMFVLTKI	52	>NF1-V1182FMFVFLTKI	18	34
>NF1-V1182FMFVLTKIL	903	>NF1-V1182FMFVFLTKIL	211	692
>NF1-V1182FMFVLTKI	274	>NF1-V1182FMFVFLTKI	239	35
>NF1-V1182FMFVLTKI	54	>NF1-V1182FMFVFLTKI	31	23
>NF1-V1182FMFVLTKI	79	>NF1-V1182FMFVFLTKI	56	23
>NF1-V1182FMFVLTKIL	233	>NF1-V1182FMFVFLTKIL	149	84
>NF1-V1182FMFVLTKI	248	>NF1-V1182FMFVFLTKI	353	105
>NF1-V1182FMFVLTKI	18	>NF1-V1182FMFVFLTKI	20	2
>NF1-V1182FMFVLTKIL	57	>NF1-V1182FMFVFLTKIL	61	4
>NF1-V1182FMFVLTKILQ	247	>NF1-V1182FMFVFLTKILQ	277	30
>NF1-V1182FMFVLTKIL	232	>NF1-V1182FMFVFLTKIL	559	327
>NF1-V1182TFMFLTKI	54	>NF1-V1182TFMFLTKI	1319	1265
>NF1-V1182TFMFLTKI	210	>NF1-V1182TFMFLTKI	94	116
>NF1-V1182TFMFLTK	77	>NF1-V1182TFMFLTK	41	36
>NF1-V1182TFMFLTKI	259	>NF1-V1182TFMFLTKI	708	449
>NF1-V1182TFMFLTKI	90	>NF1-V1182TFMFLTKI	121	31
>NF1-V1182TFMFLTKIL	133	>NF1-V1182TFMFLTKIL	172	39
>NF1-V1182TFMFLTK	1038	>NF1-V1182TFMFLTK	462	576
>NF1-V1182TFMFLTK	555	>NF1-V1182TFMFLTK	369	186
>NF1-V1182TFMFLTK	166	>NF1-V1182TFMFLTK	175	9
>NF1-V1182TFMFLTK	1634	>NF1-V1182TFMFLTK	217	1417
>NF1-V1182ATFMFLTKI	249	>NF1-V1182ATFMFLTKI	238	11

>NF1-V1182fATFMEVLTKI	129	>NF1-V1182fATFMEFLTKI	124	5
>NF1-V1182fATFMEVLTKI	367	>NF1-V1182fATFMEFLTKI	170	197
>NF1-V1182fATFMEVLTKI	205	>NF1-V1182fATFMEFLTKI	409	204
>NF1-V1182fATFMEVLTK	73	>NF1-V1182fATFMEFLTK	55	18
>NF1-V1182fATFMEVLTK	9	>NF1-V1182fATFMEFLTK	9	0
>NF1-V1182fATFMEVLTK	13	>NF1-V1182fATFMEFLTK	11	2
>NF1-V1182fATFMEVLTK	429	>NF1-V1182fATFMEFLTK	771	342
>NF1-V1182fATFMEVLTKI	20	>NF1-V1182fATFMEFLTKI	21	1
>NF1-V1182fATFMEVLTKII	50	>NF1-V1182fATFMEFLTKII	57	7
>NF1-V1182fATFMEVLTK	49	>NF1-V1182fATFMEFLTK	45	4
>NF1-V1182fATFMEVLTKII	220	>NF1-V1182fATFMEFLTKII	187	33
>NF1-V1182fATFMEVLTKI	18	>NF1-V1182fATFMEFLTKI	24	6
>NF1-V1182fATFMEVLTKII	10	>NF1-V1182fATFMEFLTKII	16	6
>NF1-V1182fATFMEVLTKII	293	>NF1-V1182fATFMEFLTKII	184	109
>NF1-V1182fATFMEVLTKII	99	>NF1-V1182fATFMEFLTKII	53	46
>NF1-V1182fATFMEVLT	806	>NF1-V1182fATFMEFLT	182	624
>NF1-V1182fATFMEVLTK	45	>NF1-V1182fATFMEFLTK	34	11
>NF1-V1182fATFMEVLTKI	688	>NF1-V1182fATFMEFLTKI	201	487
>NF1-V1182fATFMEVLTKII	631	>NF1-V1182fATFMEFLTKII	262	369
>NF1-V1182fATFMEVLTKII	201	>NF1-V1182fATFMEFLTKII	153	48
>NF1-V1182fRATFMEVLTK	105	>NF1-V1182fRATFMEFLTK	52	53
>NF1-V1182fRATFMEVLTK	17	>NF1-V1182fRATFMEFLTK	12	5
>NF1-V1182fRATFMEVLTK	55	>NF1-V1182fRATFMEFLTK	46	9
>NF1-V1182fRATFMEVLTK	568	>NF1-V1182fRATFMEFLTK	174	394
>NF1-V1182fRATFMEVLTK	125	>NF1-V1182fRATFMEFLTK	90	35
>NF1-V1182fRATFMEVL	112	>NF1-V1182fRATFMEFL	105	7
>NF1-V1182fRATFMEVLTK	362	>NF1-V1182fRATFMEFLTK	199	163
>NF1-V1182fRATFMEVLTK	431	>NF1-V1182fRATFMEFLTK	269	162
>NF1-V1182fRATFMEVL	448	>NF1-V1182fRATFMEFL	1677	1229
>NF1-V1182fRATFMEVLTK	144	>NF1-V1182fRATFMEFLTK	107	37
>NF1-V1182fTRATFMEVL	6735	>NF1-V1182fTRATFMEFL	432	6303
>NF1-V1182fTRATFMEV	122	>NF1-V1182fTRATFMEF	19312	19190
>NF1-V1182fTRATFMEVL	2206	>NF1-V1182fTRATFMEFL	254	1952
>NF1-V1182fTRATFMEV	812	>NF1-V1182fTRATFMEF	42	770
>NF1-V1182fTRATFMEVL	672	>NF1-V1182fTRATFMEFL	499	173
>NF1-V1182fTRATFMEVLT	229	>NF1-V1182fTRATFMEFLT	186	43
>NF1-V1182fTRATFMEVL	27	>NF1-V1182fTRATFMEFL	265	238
>NF1-V1182fTRATFMEV	614	>NF1-V1182fTRATFMEF	469	145
>NF1-V1182fTRATFMEVL	147	>NF1-V1182fTRATFMEFL	135	12
>NF1-V1182fTRATFMEVL	171	>NF1-V1182fTRATFMEFL	81	90
>NF1-V1182fTRATFMEVLT	801	>NF1-V1182fTRATFMEFLT	376	425
>NF1-V1182fQTRATFMEV	477	>NF1-V1182fQTRATFMEF	19100	18623
>NF1-V1182fQTRATFMEV	258	>NF1-V1182fQTRATFMEF	8077	7819

>NF1-V1182FQTRATFMEV	14666	>NF1-V1182FQTRATFMEF	327	14339
>NF1-V1182FQTRATFMEV	429	>NF1-V1182FQTRATFMEFI	129	300
>NF1-V1182FQTRATFMEV	1464	>NF1-V1182FQTRATFMEF	155	1309
>NF1-V1182FQTRATFMEV	660	>NF1-V1182FQTRATFMEFI	270	390
>NF1-V1182FQTRATFMEV	6	>NF1-V1182FQTRATFMEF	32	26
>NF1-V1182FQTRATFMEV	87	>NF1-V1182FQTRATFMEFI	19	68
>NF1-V1182FQTRATFMEV	149	>NF1-V1182FQTRATFMEFI	138	11
>NF1-V1182FQTRATFMEV	34	>NF1-V1182FQTRATFMEF	14969	14935
>NF1-V1182FQTRATFMEV	1105	>NF1-V1182FQTRATFMEFI	349	756
>NF1-V1182FQTRATFMEV	61	>NF1-V1182FQTRATFMEF	12404	12343
>NF1-V1182FQTRATFMEV	4710	>NF1-V1182FQTRATFMEF	76	4634
>NF1-V1182FQTRATFMEV	267	>NF1-V1182FQTRATFMEF	8	259
>NF1-V1182FQTRATFMEV	378	>NF1-V1182FQTRATFMEFI	738	360
>NF1-V1182FQTRATFMEV	580	>NF1-V1182FQTRATFMEF	5	575
>NF1-V1182FQTRATFMEV	18	>NF1-V1182FQTRATFMEFI	19	1
>NF1-V1182FQTRATFMEV	423	>NF1-V1182FQTRATFMEFI	139	284
>NF1-V1182FQTRATFMEV	134	>NF1-V1182FQTRATFMEF	13	121
>NF1-V1182FQTRATFMEV	288	>NF1-V1182FQTRATFMEFI	126	162
>NF1-V1182FLQTRATFMEV	1938	>NF1-V1182FLQTRATFMEF	245	1693
>NF1-V1182FLQTRATFMEV	285	>NF1-V1182FLQTRATFMEFI	14792	14507
>NF1-V1182FLQTRATFMEV	536	>NF1-V1182FLQTRATFMEF	52	484
>NF1-V1182FLQTRATFMEV	69	>NF1-V1182FLQTRATFMEFI	16765	16696
>NF1-V1182FLQTRATFMEV	58	>NF1-V1182FLQTRATFMEF	9325	9267
>NF1-V1182FLQTRATFMEV	87	>NF1-V1182FLQTRATFMEFI	12	75
>NF1-V1182FLQTRATFMEV	310	>NF1-V1182FLQTRATFMEF	21344	21034
>NF1-V1182FLQTRATFMEV	418	>NF1-V1182FLQTRATFMEFI	17490	17072
>NF1-V1182FLQTRATFMEV	165	>NF1-V1182FLQTRATFMEF	22029	21864
>NF1-V1182FLQTRATFMEV	51	>NF1-V1182FLQTRATFMEFI	30799	30748
>NF1-V1182FLQTRATFMEV	13736	>NF1-V1182FLQTRATFMEF	103	13633
>NF1-V1182FLQTRATFMEV	301	>NF1-V1182FLQTRATFMEFI	26050	25749
>NF1-V1182FLQTRATFMEV	2714	>NF1-V1182FLQTRATFMEF	74	2640
>NF1-V1182FLQTRATFMEV	80	>NF1-V1182FLQTRATFMEFI	4	76
>NF1-V1182FLQTRATFMEV	114	>NF1-V1182FLQTRATFMEF	248	134
>NF1-V1757IKVGSTAVQV	285	>NF1-V1757IKDGSTAVQV	16112	15827
>NF1-V1757IKVGSTAVQV	67	>NF1-V1757IKDGSTAVQV	10817	10750
>NF1-V1757IKVGSTAVQV	61	>NF1-V1757IKDGSTAVQV	10688	10627
>NF1-V1757IKVGSTAVQV	174	>NF1-V1757IKDGSTAVQV	20790	20616
>NF1-V1757IKVGSTAVQV	33	>NF1-V1757IKDGSTAVQV	17019	16986
>NF1-V1757IKVGSTAVQV	339	>NF1-V1757IKDGSTAVQV	14426	14087
>NF1-V1757IKVGSTAVQV	18488	>NF1-V1757IKDGSTAVQV	100	18388
>NF1-V1757IKVGSTAV	29	>NF1-V1757IKDGSTAV	1173	1144
>NF1-V1757IKVGSTAVQV	69	>NF1-V1757IKDGSTAVQV	1852	1783
>NF1-V1757ISIKVGSTAV	1341	>NF1-V1757ISIKDGSTAV	191	1150

>NF1-V1757I SIKVGSTA	279	>NF1-V1757I SIKDGSTA	50	229
>NF1-V1757I SIKVGSTAV	12	>NF1-V1757I SIKDGSTAV	4	8
>NF1-V1757I SIKVGSTAVQ	55	>NF1-V1757I SIKDGSTAVQ	14	41
>NF1-V1757I SIKVGSTAV	241	>NF1-V1757I SIKDGSTAV	49	192
>NF1-V1757I SIKVGSTAVQ	1057	>NF1-V1757I SIKDGSTAVQ	202	855
>NF1-V1757I SIKVGSTAV	1711	>NF1-V1757I SIKDGSTAV	144	1567
>NF1-V1757I SIKVGSTAVQ	1105	>NF1-V1757I SIKDGSTAVQ	135	970
>NF1-V1757I SIKVGSTAV	2217	>NF1-V1757I SIKDGSTAV	455	1762
>NF1-V1757I SIKVGSTAVQ	1021	>NF1-V1757I SIKDGSTAVQ	239	782
>NF1-V1757I SIKVGSTA	3890	>NF1-V1757I SIKDGSTA	200	3690
>NF1-V1757I SIKVGSTAV	29	>NF1-V1757I SIKDGSTAV	4	25
>NF1-V1757I SIKVGSTAVQ	15	>NF1-V1757I SIKDGSTAVQ	4	11
>NF1-V1757I SIKVGSTA	218	>NF1-V1757I SIKDGSTA	431	213
>NF1-V1757I SIKVGSTAV	410	>NF1-V1757I SIKDGSTAV	639	229
>NF1-V1757I SIKVGSTAVQ	337	>NF1-V1757I SIKDGSTAVQ	493	156
>NF1-V1757I SIKVGSTAV	2613	>NF1-V1757I SIKDGSTAV	486	2127
>NF1-V1757I SIKVGSTAVQ	1325	>NF1-V1757I SIKDGSTAVQ	317	1008
>NF1-V1757I SIKVGSTAV	783	>NF1-V1757I SIKDGSTAV	450	333
>NF1-V1757I VSIKVGSTAV	315	>NF1-V1757I VSIKDGSTAV	259	56
>NF1-V1757I VSIKVGSTAV	487	>NF1-V1757I VSIKDGSTAV	386	101
>NF1-V1757I VSIKVGSTA	81	>NF1-V1757I VSIKDGSTA	346	265
>NF1-V1757I KVSIVKVGSTA\	243	>NF1-V1757I KVSIVKDGSTA\	434	191
>NF1-V1757I KVSIVKVGSTA\	16	>NF1-V1757I KVSIVKDGSTA\	74	58
>NF1-V1757I KVSIVKVGSTA\	77	>NF1-V1757I KVSIVKDGSTA\	200	123
>NF1-V1757I KVSIVKVGSTA\	340	>NF1-V1757I KVSIVKDGSTA\	688	348
>NF1-V1757I KVSIVKVGSTA\	145	>NF1-V1757I KVSIVKDGSTA\	221	76
>NF1-V1757I KVSIVKVGSTA	469	>NF1-V1757I KVSIVKDGSTA	1629	1160
>NF2-A211D·AQDLEMYGV	87	>NF2-A211D·DQDLEMYGV	9445	9358
>NF2-A211D·AQDLEMYGV	234	>NF2-A211D·DQDLEMYGV	8601	8367
>NF2-A211D·AQDLEMYGV	6	>NF2-A211D·DQDLEMYGV	465	459
>NF2-A211D·AQDLEMYGV	179	>NF2-A211D·DQDLEMYGV	5481	5302
>NF2-A211D·AQDLEMYGV	36	>NF2-A211D·DQDLEMYGV	1820	1784
>NF2-A211D·AQDLEMYGV	363	>NF2-A211D·DQDLEMYGV	5984	5621
>NF2-A211D·AQDLEMYGV	360	>NF2-A211D·DQDLEMYGV	3481	3121
>NF2-A211D·IAQDLEMYG\	94	>NF2-A211D·IDQDLEMYG\	3584	3490
>NF2-A211D·IAQDLEMYG\	202	>NF2-A211D·IDQDLEMYG\	6415	6213
>NF2-A211D·IAQDLEMYG\	86	>NF2-A211D·IDQDLEMYG\	8305	8219
>NF2-A211D·IAQDLEMY	238	>NF2-A211D·IDQDLEMY	3288	3050
>NF2-A211D·IAQDLEMY	160	>NF2-A211D·IDQDLEMY	20527	20367
>NF2-A211D·IAQDLEMYG\	28027	>NF2-A211D·IDQDLEMYG\	124	27903
>NF2-A211D·DEAEMEYLKI	69	>NF2-A211D·DEAEMEYLKI	89	20
>NF2-A211D·KIAQDLEMY	9126	>NF2-A211D·KIDQDLEMY	252	8874
>NF2-A211D·KIAQDLEMYC	31	>NF2-A211D·KIDQDLEMYC	45	14

>NF2-A211D·KIAQDLEMYC	9	>NF2-A211D·KIDQDLEMYC	99	90
>NF2-A211D·KIAQDLEMYC	13	>NF2-A211D·KIDQDLEMYC	492	479
>NF2-A211D·KIAQDLEMYC	11	>NF2-A211D·KIDQDLEMYC	13	2
>NF2-A211D·KIAQDLEMYC	14	>NF2-A211D·KIDQDLEMYC	8	6
>NF2-A211D·KIAQDLEMYC	36	>NF2-A211D·KIDQDLEMYC	18	18
>NF2-A211D·KIAQDLEMYC	18	>NF2-A211D·KIDQDLEMYC	16	2
>NF2-A211D·KIAQDLEMYC	28	>NF2-A211D·KIDQDLEMYC	42	14
>NF2-A211D·KIAQDLEMYC	9	>NF2-A211D·KIDQDLEMYC	27	18
>NF2-A211D·KIAQDLEMY	26	>NF2-A211D·KIDQDLEMY	3356	3330
>NF2-A211D·KIAQDLEMY	265	>NF2-A211D·KIDQDLEMY	2369	2104
>NF2-A211D·KIAQDLEMY	37	>NF2-A211D·KIDQDLEMY	248	211
>NF2-A211D·KIAQDLEMYC	434	>NF2-A211D·KIDQDLEMYC	512	78
>NF2-A211D·KIAQDLEMY	187	>NF2-A211D·KIDQDLEMY	549	362
>NF2-A211D·KIAQDLEMY	288	>NF2-A211D·KIDQDLEMY	6576	6288
>NF2-A211D·KIAQDLEM	409	>NF2-A211D·KIDQDLEM	2708	2299
>NF2-A211D·KIAQDLEMY	285	>NF2-A211D·KIDQDLEMY	1091	806
>NF2-A211D·KIAQDLEMY	555	>NF2-A211D·KIDQDLEMY	483	72
>NF2-A211D·LKIAQDLEM	48	>NF2-A211D·LKIDQDLEM	133	85
>NF2-A211D·LKIAQDLEMY	21	>NF2-A211D·LKIDQDLEMY	35	14
>NF2-A211D·YLKIAQDLEM	472	>NF2-A211D·YLKIDQDLEM	331	141
>NF2-A211D·YLKIAQDL	84	>NF2-A211D·YLKIDQDL	112	28
>NF2-A211D·YLKIAQDLEM	102	>NF2-A211D·YLKIDQDLEM	85	17
>NF2-A211D·YLKIAQDL	46	>NF2-A211D·YLKIDQDL	115	69
>NF2-A211D·YLKIAQDL	479	>NF2-A211D·YLKIDQDL	358	121
>NF2-A211D·YLKIAQDL	5	>NF2-A211D·YLKIDQDL	6	1
>NF2-A211D·YLKIAQDLEM	47	>NF2-A211D·YLKIDQDLEM	39	8
>NF2-A211D·YLKIAQDLEM	94	>NF2-A211D·YLKIDQDLEM	85	9
>NF2-A211D·YLKIAQDLEM	308	>NF2-A211D·YLKIDQDLEM	254	54
>NF2-A211D·YLKIAQDLEM	492	>NF2-A211D·YLKIDQDLEM	467	25
>NF2-A211D·YLKIAQDL	248	>NF2-A211D·YLKIDQDL	348	100
>NF2-A211D·YLKIAQDLEM	203	>NF2-A211D·YLKIDQDLEM	404	201
>NF2-A211D·YLKIAQDLEM	91	>NF2-A211D·YLKIDQDLEM	129	38
>NF2-A211D·YLKIAQDLEM	463	>NF2-A211D·YLKIDQDLEM	838	375
>NF2-A211D·YLKIAQDLEM	92	>NF2-A211D·YLKIDQDLEM	125	33
>NF2-A211D·YLKIAQDLEM	335	>NF2-A211D·YLKIDQDLEM	733	398
>NF2-A211D·YLKIAQDLEM	360	>NF2-A211D·YLKIDQDLEM	490	130
>NF2-A211D·EYLKIAQDL	199	>NF2-A211D·EYLKIDQDL	422	223
>NF2-A211D·EYLKIAQDL	857	>NF2-A211D·EYLKIDQDL	370	487
>NF2-A211D·EYLKIAQDL	453	>NF2-A211D·EYLKIDQDL	1126	673
>NF2-A211D·EYLKIAQDL	28	>NF2-A211D·EYLKIDQDL	52	24
>NF2-A211D·EYLKIAQDLEM	90	>NF2-A211D·EYLKIDQDLEM	146	56
>NF2-A211D·EYLKIAQDLEM	496	>NF2-A211D·EYLKIDQDLEM	676	180
>NF2-A211D·MEYLKIAQ	408	>NF2-A211D·MEYLKIDQ	1676	1268

>NF2-A211D·MEYLKIAQDL	23	>NF2-A211D·MEYLKIDQDL	59	36
>NF2-A211D·MEYLKIAQ	122	>NF2-A211D·MEYLKIDQ	1464	1342
>NF2-A211D·MEYLKIAQDL	424	>NF2-A211D·MEYLKIDQDL	617	193
>NF2-A211D·MEYLKIAQDL	111	>NF2-A211D·MEYLKIDQDL	137	26
>NF2-A211D·MEYLKIAQDL	381	>NF2-A211D·MEYLKIDQDL	696	315
>NF2-A211D·MEYLKIAQDL	302	>NF2-A211D·MEYLKIDQDL	404	102
>NF2-A211D·MEYLKIAQ	394	>NF2-A211D·MEYLKIDQ	1646	1252
>NF2-A211D·MEYLKIAQD	215	>NF2-A211D·MEYLKIDQD	182	33
>NF2-A211D·MEYLKIAQDL	42	>NF2-A211D·MEYLKIDQDL	60	18
>NF2-A211D·AEMEYLKIA	31	>NF2-A211D·AEMEYLKID	1268	1237
>NF2-A211D·AEMEYLKIA	99	>NF2-A211D·AEMEYLKID	127	28
>NF2-A211D·AEMEYLKIAQ	387	>NF2-A211D·AEMEYLKIDC	419	32
>NF2-A211D·AEMEYLKIA	5	>NF2-A211D·AEMEYLKID	339	334
>NF2-A211D·AEMEYLKIAQ	421	>NF2-A211D·AEMEYLKIDC	980	559
>NF2-A211D·AEMEYLKIAQ	496	>NF2-A211D·AEMEYLKIDC	676	180
>NF2-A211D·AEMEYLKIA	8	>NF2-A211D·AEMEYLKID	24	16
>NF2-A211D·AEMEYLKIAQ	20	>NF2-A211D·AEMEYLKIDC	20	0
>NF2-A395V·AKLLAQKAA	394	>NF2-A395V·VKLLAQKAA	730	336
>NF2-A395V·EAKLLAQK	42	>NF2-A395V·EVKLLAQK	22	20
>NF2-A395V·AEKAQITEEE\	109	>NF2-A395V·AEKAQITEEE\	86	23
>NF2-A395V·AEKAQITEEE\	11	>NF2-A395V·AEKAQITEEE\	29	18
>NF2-A395V·AEKAQITEEE\	432	>NF2-A395V·AEKAQITEEE\	19	413
>NF2-A395V·EEAKLLAQK	268	>NF2-A395V·EEVKLLAQK	552	284
>NF2-A395V·EEAKLLAQKA	503	>NF2-A395V·EEVKLLAQKA	448	55
>NF2-A395V·EEAKLLAQKA	116	>NF2-A395V·EEVKLLAQKA	224	108
>NF2-A395V·EEAKLLAQKA	11	>NF2-A395V·EEVKLLAQKA	16	5
>NF2-A395V·EEEAKLLA	736	>NF2-A395V·EEEVKLLA	355	381
>NF2-A395V·EEEAKLLA	38	>NF2-A395V·EEEVKLLA	60	22
>NF2-A395V·EEEAKLLAQK	33	>NF2-A395V·EEEVKLLAQK	44	11
>NF2-A395V·TEEEAKLL	4	>NF2-A395V·TEEEVKLL	5	1
>NF2-A395V·TEEEAKLLA	882	>NF2-A395V·TEEEVKLLA	497	385
>NF2-A395V·TEEEAKLL	63	>NF2-A395V·TEEEVKLL	96	33
>NF2-A395V·TEEEAKLLA	241	>NF2-A395V·TEEEVKLLA	224	17
>NF2-A395V·ITEEEAKL	23	>NF2-A395V·ITEEEVKL	49	26
>NF2-A395V·ITEEEAKLL	34	>NF2-A395V·ITEEEVKLL	43	9
>NF2-A395V·ITEEEAKLL	77	>NF2-A395V·ITEEEVKLL	86	9
>NF2-A395V·QITEEEAK	347	>NF2-A395V·QITEEEVK	425	78
>NF2-A395V·AQITEEEA	5918	>NF2-A395V·AQITEEEV	443	5475
>NF2-A395V·AQITEEEA	3580	>NF2-A395V·AQITEEEV	444	3136
>NF2-A395V·AQITEEEAKL	368	>NF2-A395V·AQITEEEVKL	565	197
>NF2-A395V·AQITEEEA	121	>NF2-A395V·AQITEEEV	19	102
>NF2-A395V·AQITEEEAKLI	239	>NF2-A395V·AQITEEEVKLI	241	2
>NF2-A395V·AQITEEEA	801	>NF2-A395V·AQITEEEV	151	650

>NF2-A395V-AQITEEEAKL	134	>NF2-A395V-AQITEEEVKL	73	61
>NF2-A395V-AQITEEEAKLI	99	>NF2-A395V-AQITEEEVKLL	83	16
>NF2-A395V-AQITEEEAKLI	367	>NF2-A395V-AQITEEEVKLL	556	189
>NF2-A395V-KAQITEEEAKI	66	>NF2-A395V-KAQITEEEVKI	132	66
>NF2-A395V-EKAQITEEEAI	280	>NF2-A395V-EKAQITEEEVI	333	53
>NF2-E167D-ELLPKRVI	496	>NF2-E167D-DLLPKRVI	1850	1354
>NF2-E167D-ELLPKRVINL	222	>NF2-E167D-DLLPKRVINL	730	508
>NF2-E167D-ELLPKRVINL	161	>NF2-E167D-DLLPKRVINL	342	181
>NF2-E167D-ELLPKRVINL	170	>NF2-E167D-DLLPKRVINL	511	341
>NF2-E167D-ELLPKRVINL	26	>NF2-E167D-DLLPKRVINL	82	56
>NF2-E167D-ELLPKRVINLY	237	>NF2-E167D-DLLPKRVINLY	186	51
>NF2-E167D-EELLPKRV	10	>NF2-E167D-EDLLPKRV	375	365
>NF2-E167D-EELLPKRVI	39	>NF2-E167D-EDLLPKRVI	815	776
>NF2-E167D-EELLPKRV	354	>NF2-E167D-EDLLPKRV	24811	24457
>NF2-E167D-EELLPKRVI	12969	>NF2-E167D-EDLLPKRVI	425	12544
>NF2-E167D-QEELLPKRV	82	>NF2-E167D-QEDLLPKRV	193	111
>NF2-E167D-QEELLPKRVI	21	>NF2-E167D-QEDLLPKRVI	35	14
>NF2-E167D-QEELLPKRVI	280	>NF2-E167D-QEDLLPKRVI	253	27
>NF2-E167D-QEELLPKRVI	292	>NF2-E167D-QEDLLPKRVI	429	137
>NF2-E167D-QEELLPKRVI	197	>NF2-E167D-QEDLLPKRVI	556	359
>NF2-E167D-QEELLPKRV	254	>NF2-E167D-QEDLLPKRV	562	308
>NF2-E167D-QEELLPKRVI	87	>NF2-E167D-QEDLLPKRVI	86	1
>NF2-E167D-AQEELLPK	158	>NF2-E167D-AQEDLLPK	133	25
>NF2-E167D-AQEELLPKR	616	>NF2-E167D-AQEDLLPKR	432	184
>NF2-E167D-LAQEELLPKR'	533	>NF2-E167D-LAQEDLLPKR'	436	97
>NF2-E167D-LAQEELLPKR'	293	>NF2-E167D-LAQEDLLPKR'	222	71
>NF2-E167D-LAQEELLPK	89	>NF2-E167D-LAQEDLLPK	111	22
>NF2-E167D-FLAQEELL	21	>NF2-E167D-FLAQEDLL	25	4
>NF2-E167D-FLAQEELLPK	363	>NF2-E167D-FLAQEDLLPK	452	89
>NF2-E167D-FLAQEELL	2	>NF2-E167D-FLAQEDLL	2	0
>NF2-E167D-FLAQEELLP	215	>NF2-E167D-FLAQEDLLP	291	76
>NF2-E167D-FLAQEELLPK	312	>NF2-E167D-FLAQEDLLPK	404	92
>NF2-E167D-FLAQEELL	20	>NF2-E167D-FLAQEDLL	21	1
>NF2-E167D-FLAQEELL	44	>NF2-E167D-FLAQEDLL	42	2
>NF2-E167D-FLAQEELL	11	>NF2-E167D-FLAQEDLL	20	9
>NF2-E167D-FLAQEELL	50	>NF2-E167D-FLAQEDLL	35	15
>NF2-E167D-FLAQEELL	10	>NF2-E167D-FLAQEDLL	10	0
>NF2-E167D-FLAQEELL	43	>NF2-E167D-FLAQEDLL	82	39
>NF2-E167D-FLAQEELL	3	>NF2-E167D-FLAQEDLL	4	1
>NF2-E167D-FLAQEELLPK	152	>NF2-E167D-FLAQEDLLPK	171	19
>NF2-E167D-FLAQEELLPKF	451	>NF2-E167D-FLAQEDLLPKI	457	6
>NF2-E167D-FLAQEELLPK	173	>NF2-E167D-FLAQEDLLPK	317	144
>NF2-E167D-FLAQEELLPK	86	>NF2-E167D-FLAQEDLLPK	112	26

>NF2-E167D-FLAQEELLPK	216	>NF2-E167D-FLAQEDLLPK	227	11
>NF2-E167D-FLAQEELLPKF	84	>NF2-E167D-FLAQEDLLPKI	70	14
>NF2-E167D-FLAQEELLPKF	470	>NF2-E167D-FLAQEDLLPKI	308	162
>NF2-E167D-GFLAQEELLPI	435	>NF2-E167D-GFLAQEDLLP	452	17
>NF2-E167D-GFLAQEEL	108	>NF2-E167D-GFLAQEDL	416	308
>NF2-E167D-GFLAQEELL	314	>NF2-E167D-GFLAQEDLL	274	40
>NF2-E167D-KRGFLAQEEL	144	>NF2-E167D-KRGFLAQEDL	164	20
>NF2-E167D-KRGFLAQEEL	69	>NF2-E167D-KRGFLAQEDL	75	6
>NF2-E167D-KRGFLAQEEL	305	>NF2-E167D-KRGFLAQEDL	248	57
>NF2-E167D-KRGFLAQEEL	83	>NF2-E167D-KRGFLAQEDL	75	8
>NF2-E167D-HKRGFLAQEE	252	>NF2-E167D-HKRGFLAQEE	426	174
>NF2-E247K-ENRLTPKI	10869	>NF2-E247K-KNRLTPKI	25	10844
>NF2-E247K-ENRLTPKISFP	14861	>NF2-E247K-KNRLTPKISFP	274	14587
>NF2-E247K-ENRLTPKISF	580	>NF2-E247K-KNRLTPKISF	38	542
>NF2-E247K-PENRLTPKI	42	>NF2-E247K-PKNRLTPKI	5528	5486
>NF2-E247K-PENRLTPKISF	1211	>NF2-E247K-PKNRLTPKISF	36	1175
>NF2-E247K-PENRLTPKISF	459	>NF2-E247K-PKNRLTPKISF	20114	19655
>NF2-E247K-PENRLTPKI	51	>NF2-E247K-PKNRLTPKI	17402	17351
>NF2-E247K-DALGLHIYDP	7148	>NF2-E247K-DALGLHIYDP	207	6941
>NF2-E247K-DALGLHIYDP	16379	>NF2-E247K-DALGLHIYDP	151	16228
>NF2-E247K-DPENRLTPK	3184	>NF2-E247K-DPKNRLTPK	490	2694
>NF2-E247K-YDPENRLTPK	132	>NF2-E247K-YDPKNRLTPK	180	48
>NF2-E247K-IYDPENRL	284	>NF2-E247K-IYDPKNRL	578	294
>NF2-E247K-HIYDPENRL	307	>NF2-E247K-HIYDPKNRL	278	29
>NF2-E247K-HIYDPENRL	246	>NF2-E247K-HIYDPKNRL	574	328
>NF2-E247K-HIYDPENRL	127	>NF2-E247K-HIYDPKNRL	153	26
>NF2-E247K-HIYDPENRL	28	>NF2-E247K-HIYDPKNRL	29	1
>NF2-E247K-HIYDPENR	101	>NF2-E247K-HIYDPKNR	68	33
>NF2-E247K-HIYDPENR	167	>NF2-E247K-HIYDPKNR	226	59
>NF2-E247K-HIYDPENR	25	>NF2-E247K-HIYDPKNR	53	28
>NF2-E247K-HIYDPENRL	220	>NF2-E247K-HIYDPKNRL	105	115
>NF2-E247K-HIYDPENRL	820	>NF2-E247K-HIYDPKNRL	159	661
>NF2-E247K-HIYDPENR	39	>NF2-E247K-HIYDPKNR	27	12
>NF2-E247K-GLHIYDPENR	173	>NF2-E247K-GLHIYDPKNR	350	177
>NF2-E247K-GLHIYDPENR	59	>NF2-E247K-GLHIYDPKNR	72	13
>NF2-E247K-GLHIYDPENR	412	>NF2-E247K-GLHIYDPKNR	678	266
>NF2-E247K-GLHIYDPENR	256	>NF2-E247K-GLHIYDPKNR	391	135
>NF2-E247K-GLHIYDPENR	16	>NF2-E247K-GLHIYDPKNR	17	1
>NF2-E247K-GLHIYDPE	26065	>NF2-E247K-GLHIYDPK	199	25866
>NF2-E247K-GLHIYDPE	15991	>NF2-E247K-GLHIYDPK	381	15610
>NF2-E247K-LGLHIYDPENI	639	>NF2-E247K-LGLHIYDPKNI	416	223
>NF2-E247K-ALGLHIYDPE	12373	>NF2-E247K-ALGLHIYDPK	48	12325
>NF2-E247K-ALGLHIYDPE	31523	>NF2-E247K-ALGLHIYDPK	108	31415



>NF2-E270D- KEFTIKPL	99	>NF2-E270D- KDFTIKPL	6764	6665
>NF2-E270D- KEFTIKPL	136	>NF2-E270D- KDFTIKPL	1382	1246
>NF2-E270D- KEFTIKPL	280	>NF2-E270D- KDFTIKPL	14581	14301
>NF2-E270D- KEFTIKPL	12	>NF2-E270D- KDFTIKPL	6498	6486
>NF2-E270D- KEFTIKPL	20	>NF2-E270D- KDFTIKPL	77	57
>NF2-E270D- KEFTIKPL	198	>NF2-E270D- KDFTIKPL	14436	14238
>NF2-E270D- KEFTIKPL	146	>NF2-E270D- KDFTIKPL	717	571
>NF2-E270D- KEFTIKPLD	74	>NF2-E270D- KDFTIKPLD	6235	6161
>NF2-E270D- KEFTIKPLDKK	123	>NF2-E270D- KDFTIKPLDKK	5981	5858
>NF2-E270D- KEFTIKPL	134	>NF2-E270D- KDFTIKPL	1273	1139
>NF2-E270D- KEFTIKPLDK	374	>NF2-E270D- KDFTIKPLDK	1185	811
>NF2-E270D- YSDKEFTI	294	>NF2-E270D- YSDKDFTI	174	120
>NF2-E270D- YSDKEFTI	250	>NF2-E270D- YSDKDFTI	304	54
>NF2-E270D- YSDKEFTIKPL	82	>NF2-E270D- YSDKDFTIKPL	128	46
>NF2-E270D- YSDKEFTIKPL	268	>NF2-E270D- YSDKDFTIKPL	544	276
>NF2-E270D- YSDKEFTIK	440	>NF2-E270D- YSDKDFTIK	335	105
>NF2-E270D- YSDKEFTI	85	>NF2-E270D- YSDKDFTI	49	36
>NF2-E270D- SYSDKEFTI	227	>NF2-E270D- SYSDKDFTI	471	244
>NF2-E270D- SYSDKEFTI	141	>NF2-E270D- SYSDKDFTI	156	15
>NF2-E270D- SYSDKEFTI	16	>NF2-E270D- SYSDKDFTI	20	4
>NF2-E270D- SYSDKEFTIK	490	>NF2-E270D- SYSDKDFTIK	505	15
>NF2-E270D- SYSDKEFTIK	458	>NF2-E270D- SYSDKDFTIK	430	28
>NF2-E270D- ISYSDKEFTI	464	>NF2-E270D- ISYSDKDFTI	352	112
>NF2-E270D- ISYSDKEFTIK	97	>NF2-E270D- ISYSDKDFTIK	110	13
>NF2-E270D- ISYSDKEFTIK	50	>NF2-E270D- ISYSDKDFTIK	53	3
>NF2-E270D- ISYSDKEFTI	265	>NF2-E270D- ISYSDKDFTI	294	29
>NF2-E270D- ISYSDKEFTIK	60	>NF2-E270D- ISYSDKDFTIK	62	2
>NF2-E270D- ISYSDKEF	337	>NF2-E270D- ISYSDKDF	1225	888
>NF2-E270D- ISYSDKEF	7	>NF2-E270D- ISYSDKDF	13	6
>NF2-E270D- ISYSDKEFTI	409	>NF2-E270D- ISYSDKDFTI	732	323
>NF2-E270D- ISYSDKEF	4	>NF2-E270D- ISYSDKDF	7	3
>NF2-E270D- ISYSDKEFTI	36	>NF2-E270D- ISYSDKDFTI	43	7
>NF2-E270D- ISYSDKEF	115	>NF2-E270D- ISYSDKDF	176	61
>NF2-E270D- ISYSDKEF	105	>NF2-E270D- ISYSDKDF	627	522
>NF2-E270D- ISYSDKEFTI	91	>NF2-E270D- ISYSDKDFTI	102	11
>NF2-E270D- ISYSDKEFTIK	234	>NF2-E270D- ISYSDKDFTIK	246	12
>NF2-E270D- ISYSDKEFTI	340	>NF2-E270D- ISYSDKDFTI	148	192
>NF2-E270D- NISYSDKEFTI	392	>NF2-E270D- NISYSDKDFTI	254	138
>NF2-E270D- RNISYSDKEF	22	>NF2-E270D- RNISYSDKDF	34	12
>NF2-E270D- IRNISYSDKEF	10	>NF2-E270D- IRNISYSDKDF	17	7
>NF2-E463K- EAERRAKQK	15543	>NF2-E463K- KAERRAKQK	192	15351
>NF2-E463K- EAERRAKQK	325	>NF2-E463K- KAERRAKQK	13720	13395
>NF2-E463K- EAERRAKQKL	7707	>NF2-E463K- KAERRAKQKL	420	7287

>NF2-E463K- REAERRAKQ†	404	>NF2-E463K- RKAERRAKQ†	16632	16228
>NF2-E463K- REAERRAK	8946	>NF2-E463K- RKAERRAK	347	8599
>NF2-E463K- REAERRAKQ†	3447	>NF2-E463K- RKAERRAKQ†	89	3358
>NF2-E463K- REAERRAKQ†	33	>NF2-E463K- RKAERRAKQ†	17125	17092
>NF2-E463K- REAERRAKQ†	20	>NF2-E463K- RKAERRAKQ†	8089	8069
>NF2-E463K- REAERRAKQ†	1900	>NF2-E463K- RKAERRAKQ†	478	1422
>NF2-E463K- AREAERRAK	10113	>NF2-E463K- ARKAERRAK	144	9969
>NF2-E463K- AREAERRAKC	12210	>NF2-E463K- ARKAERRAKC	384	11826
>NF2-E463K- AREAERRAK	2845	>NF2-E463K- ARKAERRAK	424	2421
>NF2-E463K- AREAERRAKC	1620	>NF2-E463K- ARKAERRAKC	237	1383
>NF2-E463K- EAREAERRAK	465	>NF2-E463K- EARKAERRAK	252	213
>NF2-E463K- EAREAERR	252	>NF2-E463K- EARKAERR	398	146
>NF2-E463K- EAREAERR	36	>NF2-E463K- EARKAERR	49	13
>NF2-E463K- LQEAREAER	279	>NF2-E463K- LQEARKAER	48	231
>NF2-E463K- DLQEAREAEF	531	>NF2-E463K- DLQEARKAEF	225	306
>NF2-E463K- DLQEAREAEF	190	>NF2-E463K- DLQEARKAEF	150	40
>NF2-E463K- DLQEAREAEF	263	>NF2-E463K- DLQEARKAEF	537	274
>NF2-G197C- GRARDEAEM	484	>NF2-G197C- CRARDEAEM	343	141
>NF2-G197C- GRARDEAEM	492	>NF2-G197C- CRARDEAEM	1228	736
>NF2-G197C- GRARDEAEM	5374	>NF2-G197C- CRARDEAEM	245	5129
>NF2-G197C- RGRARDEA	87	>NF2-G197C- RCRARDEA	56	31
>NF2-G197C- RGRARDEAEI	323	>NF2-G197C- RCRARDEAEI	195	128
>NF2-G197C- RGRARDEAEI	262	>NF2-G197C- RCRARDEAEI	1324	1062
>NF2-G197C- RGRARDEAEI	182	>NF2-G197C- RCRARDEAEI	831	649
>NF2-G197C- HRGRARDEA	444	>NF2-G197C- HRCRARDEAI	761	317
>NF2-G197C- AEHRGRARD	90	>NF2-G197C- AEHRCRARDI	52	38
>NF2-G197C- AEHRGRAR	217	>NF2-G197C- AEHRCRAR	408	191
>NF2-G197C- AEHRGRARD	7	>NF2-G197C- AEHRCRARDI	12	5
>NF2-G197C- AEHRGRARD	398	>NF2-G197C- AEHRCRARDI	365	33
>NF2-G197C- YAEHRGRAR	1369	>NF2-G197C- YAEHRCRAR	290	1079
>NF2-G197C- YAEHRGRAR	1090	>NF2-G197C- YAEHRCRAR	375	715
>NF2-G197C- WYAEHRGRA	424	>NF2-G197C- WYAEHRCRA	135	289
>NF2-G197C- WYAEHRGR	59	>NF2-G197C- WYAEHRCR	82	23
>NF2-G197C- WYAEHRGRA	144	>NF2-G197C- WYAEHRCRA	76	68
>NF2-G197C- AWYAEHRGR	733	>NF2-G197C- AWYAEHRCR	287	446
>NF2-G197C- AWYAEHRGR	254	>NF2-G197C- AWYAEHRCR	223	31
>NF2-G197C- AWYAEHRGR	34	>NF2-G197C- AWYAEHRCR	56	22
>NF2-G197C- AWYAEHRGR	58	>NF2-G197C- AWYAEHRCR	48	10
>NF2-G197C- AWYAEHRG	491	>NF2-G197C- AWYAEHRC	283	208
>NF2-G197C- AWYAEHRGR	345	>NF2-G197C- AWYAEHRCR	188	157
>NF2-G197C- TAWYAEHRG	397	>NF2-G197C- TAWYAEHRC	213	184
>NF2-G197C- ITAWYAEHRC	168	>NF2-G197C- ITAWYAEHRC	89	79
>NF2-G197C- ITAWYAEHRC	7	>NF2-G197C- ITAWYAEHRC	8	1

>NF2-G197C-ITAWYAEHRC	365	>NF2-G197C-ITAWYAEHRC	797	432
>NF2-I273F-v IKPLDKKIDVF	134	>NF2-I273F-r FKPLDKKIDVF	100	34
>NF2-I273F-v TIKPLDKKIDV	389	>NF2-I273F-r TFKPLDKKIDV	9150	8761
>NF2-I273F-v TIKPLDKK	344	>NF2-I273F-r TFKPLDKK	7357	7013
>NF2-I273F-v NISYSDKEFTI	392	>NF2-I273F-r NISYSDKEFTF	16383	15991
>NF2-I273F-v NISYSDKEFTI	9509	>NF2-I273F-r NISYSDKEFTF	473	9036
>NF2-I273F-v NISYSDKEFTI	12185	>NF2-I273F-r NISYSDKEFTF	433	11752
>NF2-I273F-v FTIKPLDKKI	1563	>NF2-I273F-r FTFKPLDKKI	212	1351
>NF2-I273F-v FTIKPLDK	2227	>NF2-I273F-r FTFKPLDK	212	2015
>NF2-I273F-v FTIKPLDK	83	>NF2-I273F-r FTFKPLDK	33	50
>NF2-I273F-v FTIKPLDKK	88	>NF2-I273F-r FTFKPLDKK	38	50
>NF2-I273F-v FTIKPLDK	56	>NF2-I273F-r FTFKPLDK	18	38
>NF2-I273F-v FTIKPLDKK	42	>NF2-I273F-r FTFKPLDKK	17	25
>NF2-I273F-v FTIKPLDKKI	128	>NF2-I273F-r FTFKPLDKKI	71	57
>NF2-I273F-v FTIKPLDK	1115	>NF2-I273F-r FTFKPLDK	368	747
>NF2-I273F-v EFTIKPLDKK	524	>NF2-I273F-r EFTFKPLDKK	208	316
>NF2-I273F-v KEFTIKPL	6981	>NF2-I273F-r KEFTFKPL	67	6914
>NF2-I273F-v KEFTIKPL	99	>NF2-I273F-r KEFTFKPL	114	15
>NF2-I273F-v KEFTIKPL	136	>NF2-I273F-r KEFTFKPL	52	84
>NF2-I273F-v KEFTIKPL	280	>NF2-I273F-r KEFTFKPL	154	126
>NF2-I273F-v KEFTIKPL	12	>NF2-I273F-r KEFTFKPL	10	2
>NF2-I273F-v KEFTIKPL	20	>NF2-I273F-r KEFTFKPL	15	5
>NF2-I273F-v KEFTIKPL	198	>NF2-I273F-r KEFTFKPL	178	20
>NF2-I273F-v KEFTIKPL	146	>NF2-I273F-r KEFTFKPL	819	673
>NF2-I273F-v KEFTIKPLD	74	>NF2-I273F-r KEFTFKPLD	62	12
>NF2-I273F-v KEFTIKPLDKK	123	>NF2-I273F-r KEFTFKPLDKK	112	11
>NF2-I273F-v KEFTIKPL	134	>NF2-I273F-r KEFTFKPL	100	34
>NF2-I273F-v KEFTIKPLDK	374	>NF2-I273F-r KEFTFKPLDK	184	190
>NF2-I273F-v KEFTIKPLDKK	665	>NF2-I273F-r KEFTFKPLDKK	370	295
>NF2-I273F-v YSDKEFTI	1688	>NF2-I273F-r YSDKEFTF	108	1580
>NF2-I273F-v YSDKEFTI	294	>NF2-I273F-r YSDKEFTF	2543	2249
>NF2-I273F-v YSDKEFTIKPL	916	>NF2-I273F-r YSDKEFTFKPI	363	553
>NF2-I273F-v YSDKEFTIK	581	>NF2-I273F-r YSDKEFTFK	46	535
>NF2-I273F-v YSDKEFTIK	1413	>NF2-I273F-r YSDKEFTFK	133	1280
>NF2-I273F-v YSDKEFTI	7906	>NF2-I273F-r YSDKEFTF	489	7417
>NF2-I273F-v YSDKEFTI	250	>NF2-I273F-r YSDKEFTF	10	240
>NF2-I273F-v YSDKEFTIKPL	82	>NF2-I273F-r YSDKEFTFKPI	134	52
>NF2-I273F-v YSDKEFTI	12120	>NF2-I273F-r YSDKEFTF	288	11832
>NF2-I273F-v YSDKEFTI	1428	>NF2-I273F-r YSDKEFTF	161	1267
>NF2-I273F-v YSDKEFTIKPL	268	>NF2-I273F-r YSDKEFTFKPI	151	117
>NF2-I273F-v YSDKEFTI	973	>NF2-I273F-r YSDKEFTF	138	835
>NF2-I273F-v YSDKEFTIK	440	>NF2-I273F-r YSDKEFTFK	387	53
>NF2-I273F-v YSDKEFTI	85	>NF2-I273F-r YSDKEFTF	15310	15225

>NF2-I273F-v SYSDKEFTI	227	>NF2-I273F-r SYSDKEFTF	11609	11382
>NF2-I273F-v SYSDKEFTIK	1501	>NF2-I273F-r SYSDKEFTFK	301	1200
>NF2-I273F-v SYSDKEFTI	1179	>NF2-I273F-r SYSDKEFTF	224	955
>NF2-I273F-v SYSDKEFTI	141	>NF2-I273F-r SYSDKEFTF	79	62
>NF2-I273F-v SYSDKEFTI	16	>NF2-I273F-r SYSDKEFTF	6	10
>NF2-I273F-v SYSDKEFTIK	1512	>NF2-I273F-r SYSDKEFTFK	259	1253
>NF2-I273F-v SYSDKEFTIK	2239	>NF2-I273F-r SYSDKEFTFK	279	1960
>NF2-I273F-v SYSDKEFTIK	490	>NF2-I273F-r SYSDKEFTFK	370	120
>NF2-I273F-v SYSDKEFTIK	458	>NF2-I273F-r SYSDKEFTFK	156	302
>NF2-I273F-v SYSDKEFTI	533	>NF2-I273F-r SYSDKEFTF	414	119
>NF2-I273F-v ISYSDKEFTI	464	>NF2-I273F-r ISYSDKEFTF	11751	11287
>NF2-I273F-v ISYSDKEFTIK	97	>NF2-I273F-r ISYSDKEFTFK	48	49
>NF2-I273F-v ISYSDKEFTIK	50	>NF2-I273F-r ISYSDKEFTFK	15	35
>NF2-I273F-v ISYSDKEFTIK	715	>NF2-I273F-r ISYSDKEFTFK	85	630
>NF2-I273F-v ISYSDKEFTI	265	>NF2-I273F-r ISYSDKEFTF	174	91
>NF2-I273F-v ISYSDKEFTIK	60	>NF2-I273F-r ISYSDKEFTFK	11	49
>NF2-I273F-v ISYSDKEFTI	12408	>NF2-I273F-r ISYSDKEFTF	416	11992
>NF2-I273F-v ISYSDKEFTI	409	>NF2-I273F-r ISYSDKEFTF	14	395
>NF2-I273F-v ISYSDKEFTI	36	>NF2-I273F-r ISYSDKEFTF	4	32
>NF2-I273F-v ISYSDKEFTI	1041	>NF2-I273F-r ISYSDKEFTF	68	973
>NF2-I273F-v ISYSDKEFTI	91	>NF2-I273F-r ISYSDKEFTF	22	69
>NF2-I273F-v ISYSDKEFTI	6126	>NF2-I273F-r ISYSDKEFTF	308	5818
>NF2-I273F-v ISYSDKEFTIK	234	>NF2-I273F-r ISYSDKEFTFK	196	38
>NF2-I273F-v ISYSDKEFTI	340	>NF2-I273F-r ISYSDKEFTF	26445	26105
>NF2-I487V-v IPAPLPPDI	23	>NF2-I487V-i VPAPLPPDI	31	8
>NF2-I487V-v IPAPLPPDIPS	91	>NF2-I487V-i VPAPLPPDIP	149	58
>NF2-I487V-v IPAPLPPDI	152	>NF2-I487V-i VPAPLPPDI	219	67
>NF2-I487V-v IPAPLPPDI	264	>NF2-I487V-i VPAPLPPDI	630	366
>NF2-I487V-v IPAPLPPD	328	>NF2-I487V-i VPAPLPPD	1062	734
>NF2-I487V-v IPAPLPPDIPS	264	>NF2-I487V-i VPAPLPPDIP	893	629
>NF2-I487V-v NPIPAPLPPDI	10	>NF2-I487V-i NPVPAPLPPC	25	15
>NF2-I487V-v NPIPAPLPPDI	303	>NF2-I487V-i NPVPAPLPPC	332	29
>NF2-I487V-v MNPIPAPL	356	>NF2-I487V-i MNPVPAPL	299	57
>NF2-I487V-v MNPIPAPL	313	>NF2-I487V-i MNPVPAPL	325	12
>NF2-I487V-v MNPIPAPL	281	>NF2-I487V-i MNPVPAPL	156	125
>NF2-I487V-v PMNPIPAPL	44	>NF2-I487V-i PMNPVPAPL	133	89
>NF2-I487V-v PMNPIPAPL	56	>NF2-I487V-i PMNPVPAPL	72	16
>NF2-I487V-v PMNPIPAPL	38	>NF2-I487V-i PMNPVPAPL	16	22
>NF2-I487V-v PMNPIPAPL	429	>NF2-I487V-i PMNPVPAPL	392	37
>NF2-I487V-v PMNPIPAPL	403	>NF2-I487V-i PMNPVPAPL	132	271
>NF2-I487V-v PMNPIPAPL	62	>NF2-I487V-i PMNPVPAPL	222	160
>NF2-I487V-v PMNPIPAPL	67	>NF2-I487V-i PMNPVPAPL	96	29
>NF2-I487V-v PPMNPIPAPL	72	>NF2-I487V-i PPMNPVPAP	69	3

>NF2-I487V-1 PPMNPIPA	100	>NF2-I487V-i PPMNPVPA	100	0
>NF2-I487V-1 YPPMNPIPAF	412	>NF2-I487V-i YPPMNPVPA	333	79
>NF2-I487V-1 YPPMNPIPA	303	>NF2-I487V-i YPPMNPVPA	199	104
>NF2-I487V-1 YPPMNPIPAF	38	>NF2-I487V-i YPPMNPVPA	37	1
>NF2-I487V-1 YPPMNPIPA	181	>NF2-I487V-i YPPMNPVPA	257	76
>NF2-I487V-1 YPPMNPIPAF	71	>NF2-I487V-i YPPMNPVPA	82	11
>NF2-I487V-1 YPPMNPIPAF	109	>NF2-I487V-i YPPMNPVPA	95	14
>NF2-I487V-1 YPPMNPIPA	26	>NF2-I487V-i YPPMNPVPA	19	7
>NF2-I487V-1 YPPMNPIPAF	47	>NF2-I487V-i YPPMNPVPA	58	11
>NF2-I487V-1 TYPPMNPI	74	>NF2-I487V-i TYPPMNPV	682	608
>NF2-I487V-1 TYPPMNPI	340	>NF2-I487V-i TYPPMNPV	4723	4383
>NF2-I487V-1 TYPPMNPI	88	>NF2-I487V-i TYPPMNPV	791	703
>NF2-I487V-1 TYPPMNPI	11	>NF2-I487V-i TYPPMNPV	211	200
>NF2-I487V-1 TYPPMNPI	818	>NF2-I487V-i TYPPMNPV	187	631
>NF2-I487V-1 TYPPMNPIPA	495	>NF2-I487V-i TYPPMNPVP,	405	90
>NF2-I487V-1 PTYPPMNPI	3180	>NF2-I487V-i PTYPPMNPV	255	2925
>NF2-I487V-1 PTYPPMNPI	253	>NF2-I487V-i PTYPPMNPV	395	142
>NF2-I487V-1 PTYPPMNPI	48	>NF2-I487V-i PTYPPMNPV	15	33
>NF2-I487V-1 PTYPPMNPIP	672	>NF2-I487V-i PTYPPMNPV	391	281
>NF2-I487V-1 PTYPPMNPI	56	>NF2-I487V-i PTYPPMNPV	12	44
>NF2-I487V-1 PTYPPMNPI	229	>NF2-I487V-i PTYPPMNPV	1059	830
>NF2-I487V-1 PTYPPMNPI	360	>NF2-I487V-i PTYPPMNPV	724	364
>NF2-I487V-1 PTYPPMNPI	44	>NF2-I487V-i PTYPPMNPV	2959	2915
>NF2-I487V-1 KPTYPPMNPI	78	>NF2-I487V-i KPTYPPMNP\	73	5
>NF2-I487V-1 KPTYPPMNPI	2518	>NF2-I487V-i KPTYPPMNP\	491	2027
>NF2-K149N· KYGDYDPSV	365	>NF2-K149N· NYGDYDPSV	2356	1991
>NF2-K149N· KYGDYDPSV	309	>NF2-K149N· NYGDYDPSV	3353	3044
>NF2-K149N· KYGDYDPSV	86	>NF2-K149N· NYGDYDPSV	585	499
>NF2-K149N· KYGDYDPSV†	43	>NF2-K149N· NYGDYDPSV†	7977	7934
>NF2-K149N· KYGDYDPSV†	258	>NF2-K149N· NYGDYDPSV†	6389	6131
>NF2-K149N· KYGDYDPSV†	23	>NF2-K149N· NYGDYDPSV†	142	119
>NF2-K149N· AKYGDYDPS\	1206	>NF2-K149N· ANYGDYDPS\	309	897
>NF2-K149N· AKYGDYDPS\	322	>NF2-K149N· ANYGDYDPS\	930	608
>NF2-K149N· AKYGDYDPS\	495	>NF2-K149N· ANYGDYDPS\	1790	1295
>NF2-K149N· AKYGDYDPS\	198	>NF2-K149N· ANYGDYDPS\	973	775
>NF2-K149N· AKYGDYDPS\	71	>NF2-K149N· ANYGDYDPS\	4261	4190
>NF2-K149N· AKYGDYDPS\	99	>NF2-K149N· ANYGDYDPS\	3914	3815
>NF2-K149N· VLLASYAVQA	64	>NF2-K149N· VLLASYAVQA	17155	17091
>NF2-K149N· VLLASYAVQA	100	>NF2-K149N· VLLASYAVQA	24695	24595
>NF2-K149N· VLLASYAVQA	276	>NF2-K149N· VLLASYAVQA	14370	14094
>NF2-K149N· QAKYGDYDP:	1728	>NF2-K149N· QANYGDYDP	235	1493
>NF2-K149N· VQAKYGDY	930	>NF2-K149N· VQANYGDY	388	542
>NF2-K149N· VQAKYGDY	70	>NF2-K149N· VQANYGDY	39	31

>NF2-K149N·VQAKYGDY	369	>NF2-K149N·VQANYGDY	1049	680
>NF2-K149N·VQAKYGDY	103	>NF2-K149N·VQANYGDY	84	19
>NF2-K149N·VQAKYGDY	313	>NF2-K149N·VQANYGDY	189	124
>NF2-K149N·VQAKYGDY	52	>NF2-K149N·VQANYGDY	33	19
>NF2-K149N·AVQAKYGDY	894	>NF2-K149N·AVQANYGDY	272	622
>NF2-K149N·AVQAKYGDY	317	>NF2-K149N·AVQANYGDY	128	189
>NF2-K149N·AVQAKYGDY	126	>NF2-K149N·AVQANYGDY	61	65
>NF2-K149N·AVQAKYGDY	281	>NF2-K149N·AVQANYGDY	611	330
>NF2-K149N·YAVQAKYGD'	272	>NF2-K149N·YAVQANYGD	111	161
>NF2-K149N·YAVQAKYGD'	102	>NF2-K149N·YAVQANYGD	115	13
>NF2-K149N·YAVQAKYGD'	420	>NF2-K149N·YAVQANYGD	217	203
>NF2-K149N·YAVQAKYGD'	1118	>NF2-K149N·YAVQANYGD	391	727
>NF2-K149N·YAVQAKYGD'	1192	>NF2-K149N·YAVQANYGD	441	751
>NF2-K149N·YAVQAKYGD'	32	>NF2-K149N·YAVQANYGD	23	9
>NF2-K149N·SYAVQAKYGI	714	>NF2-K149N·SYAVQANYGI	381	333
>NF2-K149N·SYAVQAKY	57	>NF2-K149N·SYAVQANY	49	8
>NF2-K149N·SYAVQAKYGI	52	>NF2-K149N·SYAVQANYGI	35	17
>NF2-K149N·SYAVQAKY	57	>NF2-K149N·SYAVQANY	47	10
>NF2-K149N·SYAVQAKYGI	110	>NF2-K149N·SYAVQANYGI	48	62
>NF2-K149N·SYAVQAKY	398	>NF2-K149N·SYAVQANY	101	297
>NF2-K149N·SYAVQAKYGI	152	>NF2-K149N·SYAVQANYGI	114	38
>NF2-K149N·SYAVQAKY	119	>NF2-K149N·SYAVQANY	141	22
>NF2-K149N·SYAVQAKYGI	230	>NF2-K149N·SYAVQANYGI	164	66
>NF2-K149N·ASYAVQAK	46	>NF2-K149N·ASYAVQAN	15679	15633
>NF2-K149N·ASYAVQAKY	93	>NF2-K149N·ASYAVQANY	74	19
>NF2-K149N·ASYAVQAK	12	>NF2-K149N·ASYAVQAN	13628	13616
>NF2-K149N·ASYAVQAKY	86	>NF2-K149N·ASYAVQANY	56	30
>NF2-K149N·ASYAVQAKY	319	>NF2-K149N·ASYAVQANY	110	209
>NF2-K149N·ASYAVQAKY	120	>NF2-K149N·ASYAVQANY	133	13
>NF2-K149N·ASYAVQAK	21	>NF2-K149N·ASYAVQAN	8180	8159
>NF2-K149N·ASYAVQAKY	14	>NF2-K149N·ASYAVQANY	18	4
>NF2-K149N·ASYAVQAK	296	>NF2-K149N·ASYAVQAN	12603	12307
>NF2-K149N·ASYAVQAK	235	>NF2-K149N·ASYAVQAN	22079	21844
>NF2-K149N·ASYAVQAKY	246	>NF2-K149N·ASYAVQANY	126	120
>NF2-K149N·ASYAVQAKY	96	>NF2-K149N·ASYAVQANY	40	56
>NF2-K149N·ASYAVQAKY	4	>NF2-K149N·ASYAVQANY	4	0
>NF2-K149N·ASYAVQAKY	323	>NF2-K149N·ASYAVQANY	1046	723
>NF2-K149N·ASYAVQAKY	18	>NF2-K149N·ASYAVQANY	22	4
>NF2-K149N·ASYAVQAKY	30	>NF2-K149N·ASYAVQANY	67	37
>NF2-K149N·ASYAVQAKY	242	>NF2-K149N·ASYAVQANY	468	226
>NF2-K149N·ASYAVQAK	342	>NF2-K149N·ASYAVQAN	7807	7465
>NF2-K149N·LASAVQAKY	242	>NF2-K149N·LASAVQAN	217	25
>NF2-K149N·LASAVQAK	248	>NF2-K149N·LASAVQAN	14545	14297

>NF2-K149N·LASYAVQAKY	30	>NF2-K149N·LASYAVQAN\	30	0
>NF2-K149N·LASYAVQAK	140	>NF2-K149N·LASYAVQAN	20249	20109
>NF2-K149N·LASYAVQAKY	510	>NF2-K149N·LASYAVQAN\	479	31
>NF2-K149N·LASYAVQAKY	234	>NF2-K149N·LASYAVQAN\	132	102
>NF2-K149N·LASYAVQAKY	272	>NF2-K149N·LASYAVQAN\	120	152
>NF2-K149N·LASYAVQAKY	24	>NF2-K149N·LASYAVQAN\	23	1
>NF2-K149N·LASYAVQAKY	96	>NF2-K149N·LASYAVQAN\	117	21
>NF2-K149N·LASYAVQAKY	37	>NF2-K149N·LASYAVQAN\	49	12
>NF2-K149N·LASYAVQAKY	188	>NF2-K149N·LASYAVQAN\	370	182
>NF2-K149N·LLASYAVQAK	824	>NF2-K149N·LLASYAVQAN	448	376
>NF2-K149N·LLASYAVQAK	379	>NF2-K149N·LLASYAVQAN	2808	2429
>NF2-K149N·LLASYAVQAK	444	>NF2-K149N·LLASYAVQAN	456	12
>NF2-K149N·LLASYAVQAK	89	>NF2-K149N·LLASYAVQAN	22169	22080
>NF2-K149N·LLASYAVQAK	270	>NF2-K149N·LLASYAVQAN	216	54
>NF2-K149N·LLASYAVQAK	139	>NF2-K149N·LLASYAVQAN	35553	35414
>NF2-K149N·LLASYAVQAK	22	>NF2-K149N·LLASYAVQAN	21	1
>NF2-K149N·LLASYAVQAK	29	>NF2-K149N·LLASYAVQAN	36	7
>NF2-K149N·LLASYAVQAK	458	>NF2-K149N·LLASYAVQAN	34591	34133
>NF2-K149N·LLASYAVQAK	506	>NF2-K149N·LLASYAVQAN	123	383
>NF2-K149N·LLASYAVQAK	113	>NF2-K149N·LLASYAVQAN	73	40
>NF2-K149N·LLASYAVQAK	249	>NF2-K149N·LLASYAVQAN	267	18
>NF2-K149N·LLASYAVQAK	122	>NF2-K149N·LLASYAVQAN	61	61
>NF2-K149N·LLASYAVQAK	278	>NF2-K149N·LLASYAVQAN	560	282
>NF2-K149N·LLASYAVQAK	320	>NF2-K149N·LLASYAVQAN	577	257
>NF2-K149N·LLASYAVQAK	160	>NF2-K149N·LLASYAVQAN	13260	13100
>NF2-K149N·LLASYAVQAK	185	>NF2-K149N·LLASYAVQAN	256	71
>NF2-K364I-\ KEEATMANE\	4078	>NF2-K364I-r IEEATMANE\	370	3708
>NF2-K364I-\ KEEATMANE\	7	>NF2-K364I-r IEEATMANE\	8	1
>NF2-K364I-\ KEEATMANE\	143	>NF2-K364I-r IEEATMANE\	888	745
>NF2-K364I-\ KEEATMANE\	60	>NF2-K364I-r IEEATMANE\	80	20
>NF2-K364I-\ KEEATMANE\	139	>NF2-K364I-r IEEATMANE\	175	36
>NF2-K364I-\ MKEEATMAN	11913	>NF2-K364I-r MIEEATMAN	236	11677
>NF2-K364I-\ MKEEATMA	8528	>NF2-K364I-r MIEEATMA	367	8161
>NF2-K364I-\ MKEEATMAN	7224	>NF2-K364I-r MIEEATMAN	221	7003
>NF2-K364I-\ MKEEATMA	25197	>NF2-K364I-r MIEEATMA	405	24792
>NF2-K364I-\ MKEEATMAN	24907	>NF2-K364I-r MIEEATMAN	325	24582
>NF2-K364I-\ MKEEATMAN	13034	>NF2-K364I-r MIEEATMAN	325	12709
>NF2-K364I-\ DELERRLLQV	4758	>NF2-K364I-r DELERRLLQV	7	4751
>NF2-K364I-\ DELERRLLQV	123	>NF2-K364I-r DELERRLLQV	44	79
>NF2-K364I-\ DELERRLLQV	13700	>NF2-K364I-r DELERRLLQV	57	13643
>NF2-K364I-\ QMKEEATM	2023	>NF2-K364I-r QMIEEATM	294	1729
>NF2-K364I-\ QMKEEATM\	1157	>NF2-K364I-r QMIEEATMA	105	1052
>NF2-K364I-\ QMKEEATM	1026	>NF2-K364I-r QMIEEATM	492	534

>NF2-K364I-1 QMKEEATM/	39	>NF2-K364I-r QMIEEATMA	21	18
>NF2-K364I-1 QMKEEATM	10580	>NF2-K364I-r QMIEEATM	407	10173
>NF2-K364I-1 QMKEEATM/	5844	>NF2-K364I-r QMIEEATMA	140	5704
>NF2-K364I-1 QMKEEATM	2825	>NF2-K364I-r QMIEEATM	165	2660
>NF2-K364I-1 QMKEEATM/	2589	>NF2-K364I-r QMIEEATMA	114	2475
>NF2-K364I-1 QMKEEATM	1991	>NF2-K364I-r QMIEEATM	77	1914
>NF2-K364I-1 QMKEEATM/	6705	>NF2-K364I-r QMIEEATMA	439	6266
>NF2-K364I-1 QMKEEATM	1666	>NF2-K364I-r QMIEEATM	343	1323
>NF2-K364I-1 QMKEEATM/	569	>NF2-K364I-r QMIEEATMA	124	445
>NF2-K364I-1 QMKEEATM	10395	>NF2-K364I-r QMIEEATM	208	10187
>NF2-K364I-1 QMKEEATM	242	>NF2-K364I-r QMIEEATM	235	7
>NF2-K364I-1 QMKEEATM	163	>NF2-K364I-r QMIEEATM	120	43
>NF2-K364I-1 QMKEEATM	2686	>NF2-K364I-r QMIEEATM	236	2450
>NF2-K364I-1 LQMKEEATM	894	>NF2-K364I-r LQMIEEATM,	474	420
>NF2-K364I-1 LQMKEEAT	480	>NF2-K364I-r LQMIEEAT	424	56
>NF2-K364I-1 LQMKEEATM	277	>NF2-K364I-r LQMIEEATM	274	3
>NF2-K364I-1 LQMKEEATM	864	>NF2-K364I-r LQMIEEATM,	254	610
>NF2-K364I-1 LQMKEEATM	71	>NF2-K364I-r LQMIEEATM	106	35
>NF2-K364I-1 LQMKEEATM	11	>NF2-K364I-r LQMIEEATM	34	23
>NF2-K364I-1 LQMKEEATM	267	>NF2-K364I-r LQMIEEATM,	670	403
>NF2-K364I-1 LLQMKEEA	3119	>NF2-K364I-r LLQMIEEA	299	2820
>NF2-K364I-1 LLQMKEEA	1078	>NF2-K364I-r LLQMIEEA	109	969
>NF2-K364I-1 LLQMKEEATM	458	>NF2-K364I-r LLQMIEEATM	183	275
>NF2-K364I-1 LLQMKEEATM	897	>NF2-K364I-r LLQMIEEATM	232	665
>NF2-K364I-1 LLQMKEEA	1663	>NF2-K364I-r LLQMIEEA	302	1361
>NF2-K364I-1 LLQMKEEATM	354	>NF2-K364I-r LLQMIEEATM	249	105
>NF2-K364I-1 LLQMKEEA	428	>NF2-K364I-r LLQMIEEA	77	351
>NF2-K364I-1 LLQMKEEATM	743	>NF2-K364I-r LLQMIEEATM	405	338
>NF2-K364I-1 LLQMKEEATM	449	>NF2-K364I-r LLQMIEEATM	240	209
>NF2-K364I-1 LLQMKEEA	1815	>NF2-K364I-r LLQMIEEA	499	1316
>NF2-K364I-1 LLQMKEEATM	533	>NF2-K364I-r LLQMIEEATM	423	110
>NF2-K364I-1 LLQMKEEA	24	>NF2-K364I-r LLQMIEEA	11	13
>NF2-K364I-1 LLQMKEEAT	734	>NF2-K364I-r LLQMIEEAT	467	267
>NF2-K364I-1 LLQMKEEATM	87	>NF2-K364I-r LLQMIEEATM	55	32
>NF2-K364I-1 LLQMKEEATM	35	>NF2-K364I-r LLQMIEEATM	24	11
>NF2-K364I-1 LLQMKEEATM	427	>NF2-K364I-r LLQMIEEATM	409	18
>NF2-K364I-1 LLQMKEEATM	236	>NF2-K364I-r LLQMIEEATM	329	93
>NF2-K364I-1 RLLQMKEEA	1988	>NF2-K364I-r RLLQMIEEA	48	1940
>NF2-K364I-1 RLLQMKEEA	1843	>NF2-K364I-r RLLQMIEEAT	385	1458
>NF2-K364I-1 RLLQMKEEA	2007	>NF2-K364I-r RLLQMIEEA	159	1848
>NF2-K364I-1 RLLQMKEEA	1813	>NF2-K364I-r RLLQMIEEAT	483	1330
>NF2-K364I-1 RLLQMKEEA	3439	>NF2-K364I-r RLLQMIEEA	126	3313
>NF2-K364I-1 RLLQMKEEA	1398	>NF2-K364I-r RLLQMIEEA	59	1339



>NF2-K364I-\ RLLQMKEEA	35	>NF2-K364I-r RLLQMIEEA	5	30
>NF2-K364I-\ RLLQMKEEA†	291	>NF2-K364I-r RLLQMIEEAT	49	242
>NF2-K364I-\ RLLQMKEEA†	56	>NF2-K364I-r RLLQMIEEAT	17	39
>NF2-K364I-\ RLLQMKEEA	1417	>NF2-K364I-r RLLQMIEEA	102	1315
>NF2-K364I-\ RLLQMKEEA†	269	>NF2-K364I-r RLLQMIEEAT	103	166
>NF2-K364I-\ RLLQMKEEA	107	>NF2-K364I-r RLLQMIEEA	19	88
>NF2-K364I-\ RLLQMKEEA†	295	>NF2-K364I-r RLLQMIEEAT	103	192
>NF2-K364I-\ RLLQMKEEA	1575	>NF2-K364I-r RLLQMIEEA	59	1516
>NF2-K364I-\ RLLQMKEEA†	572	>NF2-K364I-r RLLQMIEEAT	131	441
>NF2-K364I-\ RLLQMKEEA	26	>NF2-K364I-r RLLQMIEEA	7	19
>NF2-K364I-\ RLLQMKEEA†	691	>NF2-K364I-r RLLQMIEEAT	230	461
>NF2-K364I-\ RLLQMKEEA†	74	>NF2-K364I-r RLLQMIEEAT	31	43
>NF2-K364I-\ RLLQMKEEA†	201	>NF2-K364I-r RLLQMIEEAT	109	92
>NF2-K364I-\ RLLQMKEEA†	725	>NF2-K364I-r RLLQMIEEAT	412	313
>NF2-K364I-\ RLLQMKEEA†	290	>NF2-K364I-r RLLQMIEEAT	100	190
>NF2-K364I-\ RLLQMKEEA†	357	>NF2-K364I-r RLLQMIEEAT	477	120
>NF2-K364I-\ RLLQMKE	401	>NF2-K364I-r RLLQMIE	888	487
>NF2-K364I-\ RLLQMKEE/	78	>NF2-K364I-r RLLQMIEEA	50	28
>NF2-K364I-\ RLLQMKEE/	421	>NF2-K364I-r RLLQMIEEA	295	126
>NF2-K364I-\ RLLQMKEE	1156	>NF2-K364I-r RLLQMIEE	356	800
>NF2-K364I-\ RLLQMKEE/	163	>NF2-K364I-r RLLQMIEEA	160	3
>NF2-K364I-\ RLLQMKEE/	860	>NF2-K364I-r RLLQMIEEA	418	442
>NF2-K364I-\ RLLQMKE	249	>NF2-K364I-r RLLQMIE	935	686
>NF2-K364I-\ RLLQMKEE/	181	>NF2-K364I-r RLLQMIEEA	123	58
>NF2-K364I-\ LERRLLQMK	10184	>NF2-K364I-r LERRLLQMI	12	10172
>NF2-K364I-\ LERRLLQMK	2427	>NF2-K364I-r LERRLLQMI	76	2351
>NF2-K364I-\ LERRLLQMK	1708	>NF2-K364I-r LERRLLQMI	5	1703
>NF2-K364I-\ ELERRLLQMK	14361	>NF2-K364I-r ELERRLLQMI	430	13931
>NF2-K387E- KAQITEEEAK	7950	>NF2-K387E- EAQITEEEAK	382	7568
>NF2-K387E- KAQITEEEAKI	66	>NF2-K387E- EAQITEEEAKI	3243	3177
>NF2-K387E- EKAQITEEEAI	280	>NF2-K387E- EEAQITEEEAI	340	60
>NF2-K387E- EKAQITEEEA	14734	>NF2-K387E- EEAQITEEEA	234	14500
>NF2-K387E- EKAQITEEEAI	32023	>NF2-K387E- EEAQITEEEAI	476	31547
>NF2-K387E- AEKAQITEEE/	109	>NF2-K387E- AEEAQITEEE/	735	626
>NF2-K387E- AEKAQITEEE	1600	>NF2-K387E- AEEAQITEEE	443	1157
>NF2-K387E- AEKAQITEEE/	11	>NF2-K387E- AEEAQITEEE/	14	3
>NF2-K387E- AEKAQITEEE/	432	>NF2-K387E- AEEAQITEEE/	1433	1001
>NF2-K387E- LLAEKAQI	119	>NF2-K387E- LLAEEAQI	72	47
>NF2-K387E- LLAEKAQI	14	>NF2-K387E- LLAEEAQI	8	6
>NF2-K387E- LLAEKAQIT	756	>NF2-K387E- LLAEEAQIT	345	411
>NF2-K387E- LLAEKAQI	12	>NF2-K387E- LLAEEAQI	14	2
>NF2-K387E- LLAEKAQIT	149	>NF2-K387E- LLAEEAQIT	258	109
>NF2-K387E- LLAEKAQI	190	>NF2-K387E- LLAEEAQI	111	79

>NF2-K387E- LLAEKAQI	8	>NF2-K387E- LLAEEAQI	8	0
>NF2-K387E- LLAEKAQI	37	>NF2-K387E- LLAEEAQI	26	11
>NF2-K387E- LLAEKAQI	30	>NF2-K387E- LLAEEAQI	20	10
>NF2-K387E- LLAEKAQI	14	>NF2-K387E- LLAEEAQI	10	4
>NF2-K387E- LLAEKAQI	4	>NF2-K387E- LLAEEAQI	4	0
>NF2-K387E- LLAEKAQIT	29	>NF2-K387E- LLAEEAQIT	27	2
>NF2-K387E- LLAEKAQITEE	515	>NF2-K387E- LLAEEAQITEE	465	50
>NF2-K387E- DLLAEKAQI	406	>NF2-K387E- DLLAEEAQI	339	67
>NF2-K387E- DLLAEKAQI	268	>NF2-K387E- DLLAEEAQI	136	132
>NF2-K387E- DLLAEKAQI	249	>NF2-K387E- DLLAEEAQI	226	23
>NF2-K387E- DLLAEKAQI	401	>NF2-K387E- DLLAEEAQI	1378	977
>NF2-K387E- ADLLAEKAQI	41	>NF2-K387E- ADLLAEEAQI	29	12
>NF2-K387E- TADLLAEK	190	>NF2-K387E- TADLLAEE	26493	26303
>NF2-K387E- TADLLAEK	385	>NF2-K387E- TADLLAEE	24782	24397
>NF2-K387E- ETADLLAEK	136	>NF2-K387E- ETADLLAEE	26743	26607
>NF2-K387E- ETADLLAEK	295	>NF2-K387E- ETADLLAEE	320	25
>NF2-K387E- ETADLLAEKA	365	>NF2-K387E- ETADLLAEEA	333	32
>NF2-K387E- ETADLLAEK	1156	>NF2-K387E- ETADLLAEE	368	788
>NF2-K387E- ETADLLAEK	285	>NF2-K387E- ETADLLAEE	148	137
>NF2-K387E- ETADLLAEKA	144	>NF2-K387E- ETADLLAEEA	81	63
>NF2-K387E- ETADLLAEK	2	>NF2-K387E- ETADLLAEE	168	166
>NF2-K387E- ETADLLAEKA	207	>NF2-K387E- ETADLLAEEA	76	131
>NF2-K387E- ETADLLAEKA	56	>NF2-K387E- ETADLLAEEA	34	22
>NF2-K387E- ETADLLAEKA	1666	>NF2-K387E- ETADLLAEEA	326	1340
>NF2-K387E- ETADLLAEKA	24	>NF2-K387E- ETADLLAEEA	17	7
>NF2-K387E- EETADLLAEK	34	>NF2-K387E- EETADLLAEE	18	16
>NF2-K79E- $\nu$ DKKVLDHDV	19609	>NF2-K79E- $\eta$ DEKVLHDV	193	19416
>NF2-K79E- $\nu$ DKKVLDHDV	20062	>NF2-K79E- $\eta$ DEKVLHDV	465	19597
>NF2-K79E- $\nu$ KMDKKVLDH	84	>NF2-K79E- $\eta$ KMDEKVLHDH	32	52
>NF2-K79E- $\nu$ KMDKKVLDH	418	>NF2-K79E- $\eta$ KMDEKVLHDH	128	290
>NF2-K79E- $\nu$ KMDKKVLDH	325	>NF2-K79E- $\eta$ KMDEKVLHDH	91	234
>NF2-K79E- $\nu$ KMDKKVLDH	257	>NF2-K79E- $\eta$ KMDEKVLHDH	54	203
>NF2-K79E- $\nu$ KMDKKVLDH	8	>NF2-K79E- $\eta$ KMDEKVLHDH	3	5
>NF2-K79E- $\nu$ KMDKKVLDH	6	>NF2-K79E- $\eta$ KMDEKVLHDH	4	2
>NF2-K79E- $\nu$ KMDKKVLDH	6	>NF2-K79E- $\eta$ KMDEKVLHDH	5	1
>NF2-K79E- $\nu$ KMDKKVLDH	41	>NF2-K79E- $\eta$ KMDEKVLHDH	9	32
>NF2-K79E- $\nu$ KMDKKVLDH	8	>NF2-K79E- $\eta$ KMDEKVLHDH	3	5
>NF2-K79E- $\nu$ LKMDKKVL	68	>NF2-K79E- $\eta$ LKMDEKVL	34	34
>NF2-K79E- $\nu$ LKMDKKVL	858	>NF2-K79E- $\eta$ LKMDEKVL	467	391
>NF2-K79E- $\nu$ WLKMDKKV	101	>NF2-K79E- $\eta$ WLKMDEKV	72	29
>NF2-K79E- $\nu$ WLKMDKKV	510	>NF2-K79E- $\eta$ WLKMDEKV	169	341
>NF2-K79E- $\nu$ WLKMDKKV	1544	>NF2-K79E- $\eta$ WLKMDEKV	487	1057
>NF2-K79E- $\nu$ WLKMDKKV	1250	>NF2-K79E- $\eta$ WLKMDEKV	349	901

>NF2-K79E-v WLKMDKKV	6	>NF2-K79E-n WLKMDEKV	5	1
>NF2-K79E-v WLKMDKKVL	151	>NF2-K79E-n WLKMDEKVL	140	11
>NF2-K79E-v WLKMDKKV\	60	>NF2-K79E-n WLKMDEKVL	263	203
>NF2-K79E-v AWLKMDKK\	247	>NF2-K79E-n AWLKMDEK\	144	103
>NF2-K79E-v AWLKMDKK	454	>NF2-K79E-n AWLKMDEK	1048	594
>NF2-K79E-v AWLKMDKK	550	>NF2-K79E-n AWLKMDEK	484	66
>NF2-K79E-v AWLKMDKK\	373	>NF2-K79E-n AWLKMDEK\	308	65
>NF2-K79E-v VAWLKMDK	299	>NF2-K79E-n VAWLKMDK	26948	26649
>NF2-K79E-v VAWLKMDK†	359	>NF2-K79E-n VAWLKMDK†	289	70
>NF2-K79E-v VAWLKMDK†	210	>NF2-K79E-n VAWLKMDK†	164	46
>NF2-K79E-v TVAWLKMD†	1015	>NF2-K79E-n TVAWLKMD	300	715
>NF2-K79E-v TVAWLKMD†	148	>NF2-K79E-n TVAWLKMD	60	88
>NF2-K79E-v TVAWLKMD†	138	>NF2-K79E-n TVAWLKMD	18327	18189
>NF2-K79E-v TVAWLKMD†	236	>NF2-K79E-n TVAWLKMD	254	18
>NF2-K79E-v TVAWLKMD†	16	>NF2-K79E-n TVAWLKMD	15998	15982
>NF2-K79E-v TVAWLKMD†	77	>NF2-K79E-n TVAWLKMD	61	16
>NF2-K79E-v TVAWLKMD†	12	>NF2-K79E-n TVAWLKMD	4003	3991
>NF2-K79E-v TVAWLKMD†	37	>NF2-K79E-n TVAWLKMD	34	3
>NF2-K79E-v TVAWLKMD†	26	>NF2-K79E-n TVAWLKMD	8	18
>NF2-K79E-v TVAWLKMD†	292	>NF2-K79E-n TVAWLKMD	88	204
>NF2-K79E-v DTVAWLKMI	123	>NF2-K79E-n DTVAWLKMI	33032	32909
>NF2-K79E-v DTVAWLKMI	448	>NF2-K79E-n DTVAWLKMI	324	124
>NF2-K79E-v DTVAWLKMI	55	>NF2-K79E-n DTVAWLKMI	19522	19467
>NF2-K79E-v DTVAWLKMI	34	>NF2-K79E-n DTVAWLKMI	25	9
>NF2-L117I-v LFFLQVKKQI	227	>NF2-L117I-r IFFLQVKKQI	232	5
>NF2-L117I-v LFFLQVKKQI	147	>NF2-L117I-r IFFLQVKKQI	500	353
>NF2-L117I-v LFFLQVKKQIL	444	>NF2-L117I-r IFFLQVKKQIL	1277	833
>NF2-L117I-v LFFLQVKK	417	>NF2-L117I-r IFFLQVKK	342	75
>NF2-L117I-v LFFLQVKK	392	>NF2-L117I-r IFFLQVKK	193	199
>NF2-L117I-v HLFFLQVKKQ	146	>NF2-L117I-r HIFFLQVKKQ	941	795
>NF2-L117I-v HLFFLQVKKQ	318	>NF2-L117I-r HIFFLQVKKQ	2004	1686
>NF2-L117I-v HLFFLQVKKQ	38	>NF2-L117I-r HIFFLQVKKQ	1067	1029
>NF2-L117I-v HLFFLQVKKQ	184	>NF2-L117I-r HIFFLQVKKQ	4437	4253
>NF2-L117I-v HLFFLQVKKQ	77	>NF2-L117I-r HIFFLQVKKQ	5344	5267
>NF2-L117I-v HLFFLQVK	39	>NF2-L117I-r HIFFLQVK	59	20
>NF2-L117I-v HLFFLQVKK	28	>NF2-L117I-r HIFFLQVKK	34	6
>NF2-L117I-v HLFFLQVK	116	>NF2-L117I-r HIFFLQVK	47	69
>NF2-L117I-v HLFFLQVKK	48	>NF2-L117I-r HIFFLQVKK	23	25
>NF2-L117I-v HLFFLQVK	54	>NF2-L117I-r HIFFLQVK	24	30
>NF2-L117I-v HLFFLQVKK	79	>NF2-L117I-r HIFFLQVKK	33	46
>NF2-L117I-v HLFFLQVK	251	>NF2-L117I-r HIFFLQVK	265	14
>NF2-L117I-v HLFFLQVKK	134	>NF2-L117I-r HIFFLQVKK	137	3
>NF2-L117I-v HLFFLQVKKQ	48	>NF2-L117I-r HIFFLQVKKQ	61	13

>NF2-L117I-v HLFFLQVK	70	>NF2-L117I-r HIFFLQVK	24	46
>NF2-L117I-v HLFFLQVKK	26	>NF2-L117I-r HIFFLQVKK	11	15
>NF2-L117I-v HLFFLQVKKQ	712	>NF2-L117I-r HIFFLQVKKQ	123	589
>NF2-L117I-v HLFFLQVK	263	>NF2-L117I-r HIFFLQVK	164	99
>NF2-L117I-v HLFFLQVKK	115	>NF2-L117I-r HIFFLQVKK	83	32
>NF2-L117I-v EELVQEITQH	426	>NF2-L117I-r EELVQEITQH	31	395
>NF2-L117I-v EELVQEITQH	455	>NF2-L117I-r EELVQEITQH	767	312
>NF2-L117I-v EELVQEITQH	1160	>NF2-L117I-r EELVQEITQH	464	696
>NF2-L117I-v EELVQEITQH	242	>NF2-L117I-r EELVQEITQH	41	201
>NF2-L117I-v QHLFFLQV	365	>NF2-L117I-r QHLFFLQV	256	109
>NF2-L117I-v TQHLFFLQV	468	>NF2-L117I-r TQHLFFLQV	654	186
>NF2-L117I-v TQHLFFLQV	309	>NF2-L117I-r TQHLFFLQV	295	14
>NF2-L117I-v TQHLFFLQV	30	>NF2-L117I-r TQHLFFLQV	28	2
>NF2-L117I-v TQHLFFLQV	802	>NF2-L117I-r TQHLFFLQV	253	549
>NF2-L117I-v TQHLFFLQVK	376	>NF2-L117I-r TQHLFFLQVK	389	13
>NF2-L117I-v TQHLFFLQVK	185	>NF2-L117I-r TQHLFFLQVK	225	40
>NF2-L117I-v TQHLFFLQVK	29	>NF2-L117I-r TQHLFFLQVK	35	6
>NF2-L117I-v TQHLFFLQVK	182	>NF2-L117I-r TQHLFFLQVK	160	22
>NF2-L117I-v TQHLFFLQVK	364	>NF2-L117I-r TQHLFFLQVK	320	44
>NF2-L117I-v TQHLFFLQVK	665	>NF2-L117I-r TQHLFFLQVK	446	219
>NF2-L117I-v TQHLFFLQV	379	>NF2-L117I-r TQHLFFLQV	249	130
>NF2-L117I-v ITQHLFFL	263	>NF2-L117I-r ITQHLFFL	182	81
>NF2-L117I-v ITQHLFFL	136	>NF2-L117I-r ITQHLFFL	76	60
>NF2-L117I-v ITQHLFFL	42	>NF2-L117I-r ITQHLFFL	39	3
>NF2-L117I-v ITQHLFFLQV	180	>NF2-L117I-r ITQHLFFLQV	183	3
>NF2-L117I-v ITQHLFFLQV	249	>NF2-L117I-r ITQHLFFLQV	165	84
>NF2-L117I-v ITQHLFFLQV	421	>NF2-L117I-r ITQHLFFLQV	231	190
>NF2-L117I-v ITQHLFFLQVI	472	>NF2-L117I-r ITQHLFFLQVK	389	83
>NF2-L117I-v ITQHLFFLQVI	21	>NF2-L117I-r ITQHLFFLQVK	21	0
>NF2-L117I-v ITQHLFFLQVI	141	>NF2-L117I-r ITQHLFFLQVK	129	12
>NF2-L117I-v ITQHLFFL	722	>NF2-L117I-r ITQHLFFL	491	231
>NF2-L117I-v ITQHLFFLQ	756	>NF2-L117I-r ITQHLFFLQ	489	267
>NF2-L117I-v ITQHLFFLQVI	142	>NF2-L117I-r ITQHLFFLQVK	113	29
>NF2-L117I-v ITQHLFFLQVI	368	>NF2-L117I-r ITQHLFFLQVK	151	217
>NF2-L117I-v ITQHLFFL	295	>NF2-L117I-r ITQHLFFL	75	220
>NF2-L117I-v ITQHLFFLQV	263	>NF2-L117I-r ITQHLFFLQV	192	71
>NF2-L117I-v ITQHLFFL	28	>NF2-L117I-r ITQHLFFL	41	13
>NF2-L117I-v ITQHLFFL	478	>NF2-L117I-r ITQHLFFL	653	175
>NF2-L117I-v ITQHLFFL	180	>NF2-L117I-r ITQHLFFL	35	145
>NF2-L117I-v ITQHLFFLQV	380	>NF2-L117I-r ITQHLFFLQV	367	13
>NF2-L117I-v ITQHLFFLQ	186	>NF2-L117I-r ITQHLFFLQ	161	25
>NF2-L117I-v ITQHLFFLQ	263	>NF2-L117I-r ITQHLFFLQ	508	245
>NF2-L117I-v ITQHLFFLQV	487	>NF2-L117I-r ITQHLFFLQV	636	149

>NF2-L117I-v ITQHLLFFLQVI	279	>NF2-L117I-r ITQHIFFLQVK	363	84
>NF2-L117I-v ITQHLLFFL	264	>NF2-L117I-r ITQHIFFL	182	82
>NF2-L117I-v EITQHLLFFL	231	>NF2-L117I-r EITQHIFFL	273	42
>NF2-L117I-v EITQHLLFFL	73	>NF2-L117I-r EITQHIFFL	117	44
>NF2-L117I-v EITQHLLFFLQ\	232	>NF2-L117I-r EITQHIFFLQV	279	47
>NF2-L117I-v EITQHLLFFLQ\	383	>NF2-L117I-r EITQHIFFLQV	189	194
>NF2-L117I-v EITQHLLFFLQ\	458	>NF2-L117I-r EITQHIFFLQV	299	159
>NF2-L117I-v EITQHLLFFL	499	>NF2-L117I-r EITQHIFFL	211	288
>NF2-L117I-v EITQHLLFFLQ\	28	>NF2-L117I-r EITQHIFFLQV	19	9
>NF2-L117I-v EITQHLLFF	414	>NF2-L117I-r EITQHIF	459	45
>NF2-L117I-v EITQHLLFF	8	>NF2-L117I-r EITQHIF	7	1
>NF2-L117I-v EITQHLLFFL	6	>NF2-L117I-r EITQHIFFL	10	4
>NF2-L117I-v EITQHLLFFL	57	>NF2-L117I-r EITQHIFFL	25	32
>NF2-L117I-v EITQHLLFFLQ\	56	>NF2-L117I-r EITQHIFFLQV	40	16
>NF2-L117I-v EITQHLLFFL	20	>NF2-L117I-r EITQHIFFL	22	2
>NF2-L117I-v EITQHLLFFLQ\	9	>NF2-L117I-r EITQHIFFLQV	9	0
>NF2-L117I-v QEITQHLLF	68	>NF2-L117I-r QEITQHIF	153	85
>NF2-L117I-v QEITQHLLFFL	56	>NF2-L117I-r QEITQHIFFL	81	25
>NF2-L117I-v QEITQHLLF	268	>NF2-L117I-r QEITQHIF	97	171
>NF2-L117I-v QEITQHLLFF	109	>NF2-L117I-r QEITQHIF	119	10
>NF2-L117I-v QEITQHLLF	45	>NF2-L117I-r QEITQHIF	25	20
>NF2-L117I-v QEITQHLLFF	41	>NF2-L117I-r QEITQHIF	33	8
>NF2-L117I-v QEITQHLLF	272	>NF2-L117I-r QEITQHIF	160	112
>NF2-L117I-v QEITQHLLFF	248	>NF2-L117I-r QEITQHIF	105	143
>NF2-L117I-v QEITQHLLFFL	470	>NF2-L117I-r QEITQHIFFL	425	45
>NF2-L117I-v QEITQHLLFF	433	>NF2-L117I-r QEITQHIF	529	96
>NF2-L117I-v QEITQHLLFFL	82	>NF2-L117I-r QEITQHIFFL	92	10
>NF2-L117I-v QEITQHLLF	350	>NF2-L117I-r QEITQHIF	583	233
>NF2-L117I-v QEITQHLLFFL	161	>NF2-L117I-r QEITQHIFFL	152	9
>NF2-L117I-v QEITQHLLF	67	>NF2-L117I-r QEITQHIF	90	23
>NF2-L117I-v QEITQHLLFF	51	>NF2-L117I-r QEITQHIF	64	13
>NF2-L117I-v QEITQHLLFFL	84	>NF2-L117I-r QEITQHIFFL	96	12
>NF2-L117I-v QEITQHLLFF	499	>NF2-L117I-r QEITQHIF	290	209
>NF2-L117I-v QEITQHLLFFL	34	>NF2-L117I-r QEITQHIFFL	16	18
>NF2-L117I-v VQEITQHLLFFI	61	>NF2-L117I-r VQEITQHIFFL	86	25
>NF2-L117I-v VQEITQHLLF	301	>NF2-L117I-r VQEITQHIF	109	192
>NF2-L117I-v VQEITQHLLFF	151	>NF2-L117I-r VQEITQHIF	139	12
>NF2-L117I-v LVQEITQHL	94	>NF2-L117I-r LVQEITQHI	256	162
>NF2-L117I-v LVQEITQHL	730	>NF2-L117I-r LVQEITQHI	382	348
>NF2-L117I-v LVQEITQHL	134	>NF2-L117I-r LVQEITQHI	109	25
>NF2-L117I-v LVQEITQHL	428	>NF2-L117I-r LVQEITQHI	361	67
>NF2-L117I-v LVQEITQHL	338	>NF2-L117I-r LVQEITQHI	318	20
>NF2-L117I-v LVQEITQHL	26	>NF2-L117I-r LVQEITQHI	162	136

>NF2-L117I-v LVQEITQHIF	356	>NF2-L117I-r LVQEITQHIF	491	135
>NF2-L117I-v LVQEITQHIFI	188	>NF2-L117I-r LVQEITQHIF	237	49
>NF2-L117I-v LVQEITQHIFI	328	>NF2-L117I-r LVQEITQHIF	1559	1231
>NF2-L117I-v LVQEITQHL	342	>NF2-L117I-r LVQEITQHI	155	187
>NF2-L117I-v LVQEITQHIF	554	>NF2-L117I-r LVQEITQHIF	383	171
>NF2-L117I-v LVQEITQHIFI	160	>NF2-L117I-r LVQEITQHIF	309	149
>NF2-L117I-v LVQEITQHIFI	476	>NF2-L117I-r LVQEITQHIF	1034	558
>NF2-L117I-v LVQEITQHIF	138	>NF2-L117I-r LVQEITQHIF	156	18
>NF2-L117I-v LVQEITQHL	2806	>NF2-L117I-r LVQEITQHI	129	2677
>NF2-L117I-v ELVQEITQHL	195	>NF2-L117I-r ELVQEITQHI	174	21
>NF2-L117I-v ELVQEITQHL	242	>NF2-L117I-r ELVQEITQHI	383	141
>NF2-L117I-v ELVQEITQHL	15	>NF2-L117I-r ELVQEITQHI	58	43
>NF2-L117I-v ELVQEITQHIF	398	>NF2-L117I-r ELVQEITQHIF	939	541
>NF2-L117I-v ELVQEITQHL	89	>NF2-L117I-r ELVQEITQHI	402	313
>NF2-L117I-v ELVQEITQHIF	56	>NF2-L117I-r ELVQEITQHIF	29	27
>NF2-L117I-v ELVQEITQHL	677	>NF2-L117I-r ELVQEITQHI	330	347
>NF2-L117I-v ELVQEITQHL	396	>NF2-L117I-r ELVQEITQHI	242	154
>NF2-L141R- LASYAVQAKY	1988	>NF2-L141R- RASYAVQAKY	431	1557
>NF2-L141R- LASYAVQAK	891	>NF2-L141R- RASYAVQAK	167	724
>NF2-L141R- LASYAVQAKY	242	>NF2-L141R- RASYAVQAKY	353	111
>NF2-L141R- LASYAVQAK	248	>NF2-L141R- RASYAVQAK	11	237
>NF2-L141R- LASYAVQAKY	30	>NF2-L141R- RASYAVQAKY	15	15
>NF2-L141R- LASYAVQAK	140	>NF2-L141R- RASYAVQAK	824	684
>NF2-L141R- LASYAVQAKY	234	>NF2-L141R- RASYAVQAKY	209	25
>NF2-L141R- LASYAVQAKY	272	>NF2-L141R- RASYAVQAKY	120	152
>NF2-L141R- LASYAVQAKY	24	>NF2-L141R- RASYAVQAKY	7	17
>NF2-L141R- LASYAVQAKY	916	>NF2-L141R- RASYAVQAKY	188	728
>NF2-L141R- LASYAVQAKY	96	>NF2-L141R- RASYAVQAKY	28	68
>NF2-L141R- LASYAVQAKY	37	>NF2-L141R- RASYAVQAKY	28	9
>NF2-L141R- LASYAVQAKY	188	>NF2-L141R- RASYAVQAKY	122	66
>NF2-L141R- LLASYAVQA	43	>NF2-L141R- LRASYAVQA	22533	22490
>NF2-L141R- LLASYAVQ	165	>NF2-L141R- LRASYAVQ	24562	24397
>NF2-L141R- LLASYAVQA	7	>NF2-L141R- LRASYAVQA	8947	8940
>NF2-L141R- LLASYAVQA	10	>NF2-L141R- LRASYAVQA	15311	15301
>NF2-L141R- LLASYAVQA	150	>NF2-L141R- LRASYAVQA	20301	20151
>NF2-L141R- LLASYAVQA	17	>NF2-L141R- LRASYAVQA	19506	19489
>NF2-L141R- LLASYAVQA	458	>NF2-L141R- LRASYAVQA	24312	23854
>NF2-L141R- LLASYAVQA	51	>NF2-L141R- LRASYAVQA	23053	23002
>NF2-L141R- LLASYAVQA	53	>NF2-L141R- LRASYAVQA	20449	20396
>NF2-L141R- LLASYAVQ	35	>NF2-L141R- LRASYAVQ	32633	32598
>NF2-L141R- LLASYAVQA	4	>NF2-L141R- LRASYAVQA	23369	23365
>NF2-L141R- LLASYAVQAK	379	>NF2-L141R- LRASYAVQAK	35772	35393
>NF2-L141R- LLASYAVQAK	444	>NF2-L141R- LRASYAVQAK	36205	35761

>NF2-L141R- LLASYAVQAK	89	>NF2-L141R- LRASYAVQAK	6130	6041
>NF2-L141R- LLASYAVQAK	270	>NF2-L141R- LRASYAVQAK	21620	21350
>NF2-L141R- LLASYAVQAK	139	>NF2-L141R- LRASYAVQAK	8211	8072
>NF2-L141R- LLASYAVQAK	22	>NF2-L141R- LRASYAVQAK	567	545
>NF2-L141R- LLASYAVQAK	29	>NF2-L141R- LRASYAVQAK	188	159
>NF2-L141R- LLASYAVQAK	458	>NF2-L141R- LRASYAVQAK	6536	6078
>NF2-L141R- LLASYAVQAK	113	>NF2-L141R- LRASYAVQAK	9371	9258
>NF2-L141R- LLASYAVQAK	249	>NF2-L141R- LRASYAVQAK	8945	8696
>NF2-L141R- LLASYAVQAK	766	>NF2-L141R- LRASYAVQAK	282	484
>NF2-L141R- LLASYAVQAK	122	>NF2-L141R- LRASYAVQAK	66	56
>NF2-L141R- LLASYAVQA	20912	>NF2-L141R- LRASYAVQA	471	20441
>NF2-L141R- LLASYAVQAK	31167	>NF2-L141R- LRASYAVQAK	459	30708
>NF2-L141R- LLASYAVQAK	18598	>NF2-L141R- LRASYAVQAK	103	18495
>NF2-L141R- LLASYAVQAK	278	>NF2-L141R- LRASYAVQAK	985	707
>NF2-L141R- LLASYAVQAK	320	>NF2-L141R- LRASYAVQAK	2553	2233
>NF2-L141R- LLASYAVQAK	5759	>NF2-L141R- LRASYAVQAK	178	5581
>NF2-L141R- LLASYAVQAK	160	>NF2-L141R- LRASYAVQAK	6179	6019
>NF2-L141R- LLASYAVQAK	185	>NF2-L141R- LRASYAVQAK	1474	1289
>NF2-L141R- IYCPPEASVLL	345	>NF2-L141R- IYCPPEASVLR	4604	4259
>NF2-L141R- IYCPPEASVLL	26	>NF2-L141R- IYCPPEASVLR	3138	3112
>NF2-L141R- IYCPPEASVLL	12225	>NF2-L141R- IYCPPEASVLR	69	12156
>NF2-L141R- IYCPPEASVLL	10239	>NF2-L141R- IYCPPEASVLR	48	10191
>NF2-L141R- IYCPPEASVLL	18423	>NF2-L141R- IYCPPEASVLR	25	18398
>NF2-L141R- VLLASYAV	9	>NF2-L141R- VLRASYAV	223	214
>NF2-L141R- VLLASYAV	10	>NF2-L141R- VLRASYAV	29	19
>NF2-L141R- VLLASYAVQA	352	>NF2-L141R- VLRASYAVQA	2341	1989
>NF2-L141R- VLLASYAV	11	>NF2-L141R- VLRASYAV	6	5
>NF2-L141R- VLLASYAVQA	498	>NF2-L141R- VLRASYAVQA	1841	1343
>NF2-L141R- VLLASYAV	8	>NF2-L141R- VLRASYAV	220	212
>NF2-L141R- VLLASYAV	1	>NF2-L141R- VLRASYAV	5	4
>NF2-L141R- VLLASYAVQA	7	>NF2-L141R- VLRASYAVQA	322	315
>NF2-L141R- VLLASYAV	3	>NF2-L141R- VLRASYAV	11	8
>NF2-L141R- VLLASYAVQA	94	>NF2-L141R- VLRASYAVQA	5504	5410
>NF2-L141R- VLLASYAV	4	>NF2-L141R- VLRASYAV	33	29
>NF2-L141R- VLLASYAVQA	19	>NF2-L141R- VLRASYAVQA	2086	2067
>NF2-L141R- VLLASYAV	2	>NF2-L141R- VLRASYAV	40	38
>NF2-L141R- VLLASYAVQA	31	>NF2-L141R- VLRASYAVQA	6853	6822
>NF2-L141R- VLLASYAV	2	>NF2-L141R- VLRASYAV	2	0
>NF2-L141R- VLLASYAVQ	66	>NF2-L141R- VLRASYAVQ	295	229
>NF2-L141R- VLLASYAVQA	5	>NF2-L141R- VLRASYAVQA	12	7
>NF2-L141R- VLLASYAVQA	64	>NF2-L141R- VLRASYAVQA	53	11
>NF2-L141R- VLLASYAVQA	100	>NF2-L141R- VLRASYAVQA	2507	2407
>NF2-L141R- VLLASYAV	6591	>NF2-L141R- VLRASYAV	166	6425

>NF2-L141R- VLLASYAVQ	8061	>NF2-L141R- VLRASYAVQ	456	7605
>NF2-L141R- VLLASYAVQA	6229	>NF2-L141R- VLRASYAVQA	153	6076
>NF2-L141R- VLLASYAVQA	276	>NF2-L141R- VLRASYAVQA	7	269
>NF2-L141R- VLLASYAV	188	>NF2-L141R- VLRASYAV	7081	6893
>NF2-L141R- VLLASYAV	3232	>NF2-L141R- VLRASYAV	492	2740
>NF2-L141R- VLLASYAV	380	>NF2-L141R- VLRASYAV	249	131
>NF2-L141R- SVLLASYAV	50	>NF2-L141R- SVLRASYAV	42	8
>NF2-L141R- SVLLASYAV	84	>NF2-L141R- SVLRASYAV	124	40
>NF2-L141R- SVLLASYAV	466	>NF2-L141R- SVLRASYAV	431	35
>NF2-L141R- SVLLASYA	156	>NF2-L141R- SVLRASYA	91	65
>NF2-L141R- SVLLASYAV	9	>NF2-L141R- SVLRASYAV	7	2
>NF2-L141R- SVLLASYAVQ	355	>NF2-L141R- SVLRASYAVQ	202	153
>NF2-L141R- SVLLASYA	981	>NF2-L141R- SVLRASYA	466	515
>NF2-L141R- SVLLASYAV	24	>NF2-L141R- SVLRASYAV	9	15
>NF2-L141R- SVLLASYAV	10	>NF2-L141R- SVLRASYAV	7	3
>NF2-L141R- SVLLASYA	532	>NF2-L141R- SVLRASYA	420	112
>NF2-L141R- SVLLASYAV	18	>NF2-L141R- SVLRASYAV	15	3
>NF2-L141R- SVLLASYAV	17	>NF2-L141R- SVLRASYAV	29	12
>NF2-L141R- SVLLASYAV	57	>NF2-L141R- SVLRASYAV	14	43
>NF2-L141R- SVLLASYA	327	>NF2-L141R- SVLRASYA	83	244
>NF2-L141R- SVLLASYAV	462	>NF2-L141R- SVLRASYAV	89	373
>NF2-L141R- SVLLASYAVQ	756	>NF2-L141R- SVLRASYAVQ	205	551
>NF2-L141R- SVLLASYAV	302	>NF2-L141R- SVLRASYAV	178	124
>NF2-L141R- SVLLASYAV	25	>NF2-L141R- SVLRASYAV	23	2
>NF2-L141R- SVLLASYA	259	>NF2-L141R- SVLRASYA	272	13
>NF2-L141R- SVLLASYAV	8	>NF2-L141R- SVLRASYAV	7	1
>NF2-L141R- SVLLASYAVQ	175	>NF2-L141R- SVLRASYAVQ	121	54
>NF2-L141R- ASVLLASYAV	194	>NF2-L141R- ASVLRASYAV	726	532
>NF2-L141R- ASVLLASY	34	>NF2-L141R- ASVLRASY	134	100
>NF2-L141R- ASVLLASY	385	>NF2-L141R- ASVLRASY	997	612
>NF2-L141R- ASVLLASY	96	>NF2-L141R- ASVLRASY	128	32
>NF2-L141R- ASVLLASYAV	368	>NF2-L141R- ASVLRASYAV	921	553
>NF2-L141R- ASVLLASY	187	>NF2-L141R- ASVLRASY	237	50
>NF2-L141R- ASVLLASY	300	>NF2-L141R- ASVLRASY	268	32
>NF2-L141R- ASVLLASY	4	>NF2-L141R- ASVLRASY	4	0
>NF2-L141R- ASVLLASYAV	216	>NF2-L141R- ASVLRASYAV	186	30
>NF2-L141R- ASVLLASY	348	>NF2-L141R- ASVLRASY	399	51
>NF2-L141R- ASVLLASYA	418	>NF2-L141R- ASVLRASYA	1706	1288
>NF2-L141R- EASVLLASY	81	>NF2-L141R- EASVLRASY	642	561
>NF2-L141R- EASVLLASY	268	>NF2-L141R- EASVLRASY	1991	1723
>NF2-L141R- EASVLLASY	57	>NF2-L141R- EASVLRASY	2337	2280
>NF2-L141R- EASVLLASY	185	>NF2-L141R- EASVLRASY	150	35
>NF2-L141R- EASVLLASY	285	>NF2-L141R- EASVLRASY	145	140



>NF2-L141R- EASVLLASYA	163	>NF2-L141R- EASVLRASYA	162	1
>NF2-L141R- EASVLLASYA\	10	>NF2-L141R- EASVLRASYA\	8	2
>NF2-L141R- EASVLLASYA\	17	>NF2-L141R- EASVLRASYA\	30	13
>NF2-L141R- EASVLLASY	145	>NF2-L141R- EASVLRASY	567	422
>NF2-L141R- EASVLLASY	48	>NF2-L141R- EASVLRASY	62	14
>NF2-L141R- PEASVLLASY	214	>NF2-L141R- PEASVLRASY	416	202
>NF2-L141R- PPEASVLL	147	>NF2-L141R- PPEASVLR	38172	38025
>NF2-L141R- PPEASVLLAS\	200	>NF2-L141R- PPEASVLRAS\	234	34
>NF2-L141R- PPEASVLLAS\	193	>NF2-L141R- PPEASVLRAS\	248	55
>NF2-L141R- PPEASVLLAS\	193	>NF2-L141R- PPEASVLRAS\	159	34
>NF2-L141R- CPPEASVLL	33	>NF2-L141R- CPPEASVLR	35079	35046
>NF2-L141R- CPPEASVLL	15	>NF2-L141R- CPPEASVLR	9742	9727
>NF2-L141R- CPPEASVLL	34220	>NF2-L141R- CPPEASVLR	434	33786
>NF2-L141R- YCPPEASVLL	7	>NF2-L141R- YCPPEASVLR	4255	4248
>NF2-L141R- YCPPEASVLL	29291	>NF2-L141R- YCPPEASVLR	259	29032
>NF2-L339F- LAREKQMRE\	443	>NF2-L339F- LAREKQMRE\	4198	3755
>NF2-L339F- LAREKQMR	157	>NF2-L339F- LAREKQMR	1100	943
>NF2-L339F- LAREKQMR	235	>NF2-L339F- LAREKQMR	138	97
>NF2-L339F- LAREKQMR	1204	>NF2-L339F- LAREKQMR	279	925
>NF2-L339F- RLAREKQM	389	>NF2-L339F- RLAREKQM	32345	31956
>NF2-L339F- RLAREKQMR	96	>NF2-L339F- RLAREKQMR	31	65
>NF2-L339F- RLAREKQMR	425	>NF2-L339F- RLAREKQMR	100	325
>NF2-L339F- KARKQMERC	22	>NF2-L339F- KARKQMERC	200	178
>NF2-L339F- KARKQMERC	322	>NF2-L339F- KARKQMERC	2033	1711
>NF2-L339F- KARKQMERC	1977	>NF2-L339F- KARKQMERC	59	1918
>NF2-L339F- KARKQMERC	16	>NF2-L339F- KARKQMERC	6	10
>NF2-L339F- KARKQMERC	418	>NF2-L339F- KARKQMERC	61	357
>NF2-L339F- KARKQMERC	1436	>NF2-L339F- KARKQMERC	193	1243
>NF2-L339F- QRLAREKQM	1042	>NF2-L339F- QRLAREKQM	255	787
>NF2-L339F- QRLAREKQM	105	>NF2-L339F- QRLAREKQM	46	59
>NF2-L339F- QRLAREKQM	145	>NF2-L339F- QRLAREKQM	81	64
>NF2-L339F- QRLAREKQM	1012	>NF2-L339F- QRLAREKQM	362	650
>NF2-L339F- RQRLAREK	879	>NF2-L339F- RQRLAREK	411	468
>NF2-L339F- RQRLAREK	5	>NF2-L339F- RQRLAREK	4	1
>NF2-L339F- RQRLAREKQ	619	>NF2-L339F- RQRLAREKQ	311	308
>NF2-L339F- RQRLAREKQ\	135	>NF2-L339F- RQRLAREKQ\	72	63
>NF2-L339F- RQRLAREKQ\	143	>NF2-L339F- RQRLAREKQ\	78	65
>NF2-L339F- RQRLAREK	395	>NF2-L339F- RQRLAREK	207	188
>NF2-L339F- RQRLAREKQ\	24	>NF2-L339F- RQRLAREKQ\	18	6
>NF2-L339F- RQRLAREKQ\	235	>NF2-L339F- RQRLAREKQ\	137	98
>NF2-L339F- RQRLAREK	531	>NF2-L339F- RQRLAREK	253	278
>NF2-L339F- RQRLAREKQ\	37	>NF2-L339F- RQRLAREKQ\	21	16
>NF2-L339F- RQRLAREKQ\	391	>NF2-L339F- RQRLAREKQ\	238	153

>NF2-L339F-1 ERQLAREK	275	>NF2-L339F-1 ERQRFAREK	276	1
>NF2-L339F-1 ERQLAREKC	437	>NF2-L339F-1 ERQRFAREKC	460	23
>NF2-L339F-1 ERQLAREK	340	>NF2-L339F-1 ERQRFAREK	387	47
>NF2-L339F-1 MERQRLARE	418	>NF2-L339F-1 MERQRFARE	259	159
>NF2-L339F-1 MERQRLAR	767	>NF2-L339F-1 MERQRFAR	81	686
>NF2-L339F-1 MERQRLAR	1155	>NF2-L339F-1 MERQRFAR	227	928
>NF2-L339F-1 MERQRLARE	4578	>NF2-L339F-1 MERQRFARE	476	4102
>NF2-L339F-1 MERQRLAR	427	>NF2-L339F-1 MERQRFAR	278	149
>NF2-L339F-1 QMERQRLAR	134	>NF2-L339F-1 QMERQRFAR	12	122
>NF2-L339F-1 QMERQRLAR	1824	>NF2-L339F-1 QMERQRFAR	203	1621
>NF2-L339F-1 QMERQRLAR	159	>NF2-L339F-1 QMERQRFAR	206	47
>NF2-L339F-1 KQMERQRL	278	>NF2-L339F-1 KQMERQRF	14259	13981
>NF2-L339F-1 KQMERQLA	867	>NF2-L339F-1 KQMERQRFA	424	443
>NF2-L339F-1 KQMERQRL	362	>NF2-L339F-1 KQMERQRF	12764	12402
>NF2-L339F-1 KQMERQLA	356	>NF2-L339F-1 KQMERQRFA	272	84
>NF2-L339F-1 KQMERQRL	49	>NF2-L339F-1 KQMERQRF	189	140
>NF2-L339F-1 KQMERQLA	57	>NF2-L339F-1 KQMERQRFA	27	30
>NF2-L339F-1 KQMERQLA	1511	>NF2-L339F-1 KQMERQRFA	318	1193
>NF2-L339F-1 KQMERQLA	13	>NF2-L339F-1 KQMERQRFA	7	6
>NF2-L339F-1 KQMERQRL	689	>NF2-L339F-1 KQMERQRF	126	563
>NF2-L339F-1 KQMERQLA	977	>NF2-L339F-1 KQMERQRFA	376	601
>NF2-L339F-1 KQMERQRL	1007	>NF2-L339F-1 KQMERQRF	88	919
>NF2-L339F-1 KQMERQRL	54	>NF2-L339F-1 KQMERQRF	4	50
>NF2-L339F-1 KQMERQLA	141	>NF2-L339F-1 KQMERQRFA	201	60
>NF2-L339F-1 KQMERQRL	476	>NF2-L339F-1 KQMERQRF	7612	7136
>NF2-L339F-1 KQMERQRL	275	>NF2-L339F-1 KQMERQRF	1666	1391
>NF2-L339F-1 KQMERQLA	66	>NF2-L339F-1 KQMERQRFA	60	6
>NF2-L339F-1 RKQMERQRL	2039	>NF2-L339F-1 RKQMERQRF	319	1720
>NF2-L339F-1 RKQMERQRL	93	>NF2-L339F-1 RKQMERQRF	6	87
>NF2-L339F-1 RKQMERQRL	175	>NF2-L339F-1 RKQMERQRF	282	107
>NF2-L339F-1 RKQMERQRL	348	>NF2-L339F-1 RKQMERQRF	1090	742
>NF2-L339F-1 RKQMERQRL	438	>NF2-L339F-1 RKQMERQRF	522	84
>NF2-L339F-1 ARKQMERQF	1555	>NF2-L339F-1 ARKQMERQF	146	1409
>NF2-L339F-1 ARKQMERQF	86	>NF2-L339F-1 ARKQMERQF	152	66
>NF2-L339F-1 ARKQMERQF	495	>NF2-L339F-1 ARKQMERQF	3497	3002
>NF2-L46R-w LFDLVCRTL	497	>NF2-L46R-r RFDLVCRTL	225	272
>NF2-L46R-w DLFDLVCRTL	332	>NF2-L46R-r DRFDLVCRTL	19390	19058
>NF2-L46R-w DLFDLVCRTL	136	>NF2-L46R-r DRFDLVCRTL	12120	11984
>NF2-L46R-w DLFDLVCRTL	120	>NF2-L46R-r DRFDLVCRTL	16427	16307
>NF2-L46R-w DLFDLVCRT	53	>NF2-L46R-r DRFDLVCRT	22928	22875
>NF2-L46R-w DLFDLVCRTL	32	>NF2-L46R-r DRFDLVCRTL	18912	18880
>NF2-L46R-w DLFDLVCRT	249	>NF2-L46R-r DRFDLVCRT	24691	24442
>NF2-L46R-w DLFDLVCRTL	132	>NF2-L46R-r DRFDLVCRTL	21968	21836

>NF2-L46R-w DLFDLVCTRL	251	>NF2-L46R-r DRFDLVCRTL	24076	23825
>NF2-L46R-w DLFDLVCRT	35	>NF2-L46R-r DRFDLVCRT	31899	31864
>NF2-L46R-w DLFDLVCTRL	36	>NF2-L46R-r DRFDLVCRTL	26290	26254
>NF2-L46R-w DLFDLVCTRL	465	>NF2-L46R-r DRFDLVCRTL	13837	13372
>NF2-L46R-w DLFDLVCR	13	>NF2-L46R-r DRFDLVCR	299	286
>NF2-L46R-w DLFDLVCR	13	>NF2-L46R-r DRFDLVCR	279	266
>NF2-L46R-w DLFDLVCTRL	26674	>NF2-L46R-r DRFDLVCRTL	172	26502
>NF2-L46R-w DLFDLVCR	241	>NF2-L46R-r DRFDLVCR	637	396
>NF2-L46R-w KGKDLFDLVC	39	>NF2-L46R-r KGKDRFDLVC	34	5
>NF2-L46R-w KGKDLFDLVC	116	>NF2-L46R-r KGKDRFDLVC	152	36
>NF2-L46R-w KWKGKDLF	462	>NF2-L46R-r KWKGKDRF	693	231
>NF2-L46R-w KWKGKDLF	392	>NF2-L46R-r KWKGKDRF	1217	825
>NF2-L46R-w KWKGKDLF	80	>NF2-L46R-r KWKGKDRF	163	83
>NF2-L46R-w KWKGKDLF	156	>NF2-L46R-r KWKGKDRF	293	137
>NF2-L46R-w KWKGKDLFD	201	>NF2-L46R-r KWKGKDRFD	204	3
>NF2-L46R-w KWKGKDLFD	84	>NF2-L46R-r KWKGKDRFD	100	16
>NF2-L46R-w MKWKGKDL	22	>NF2-L46R-r MKWKGKDR	213	191
>NF2-L46R-w MKWKGKDLF	9	>NF2-L46R-r MKWKGKDRI	13	4
>NF2-L46R-w MKWKGKDLF	55	>NF2-L46R-r MKWKGKDRI	48	7
>NF2-L46R-w MKWKGKDLF	332	>NF2-L46R-r MKWKGKDRI	517	185
>NF2-L46R-w MKWKGKDLF	299	>NF2-L46R-r MKWKGKDRI	1169	870
>NF2-L46R-w MKWKGKDL	33322	>NF2-L46R-r MKWKGKDR	431	32891
>NF2-L46R-w EMKWKGKDI	119	>NF2-L46R-r EMKWKGKDI	11224	11105
>NF2-L46R-w CEMKWKGKI	247	>NF2-L46R-r CEMKWKGKI	507	260
>NF2-L46R-w CEMKWKGKI	388	>NF2-L46R-r CEMKWKGKI	780	392
>NF2-L46R-w CEMKWKGKI	377	>NF2-L46R-r CEMKWKGKI	589	212
>NF2-L46R-w CEMKWKGKI	51	>NF2-L46R-r CEMKWKGKI	90	39
>NF2-L539H-QLNELKTEI	3402	>NF2-L539H-QHNELKTEI	367	3035
>NF2-L539H-QLNELKTEI	45	>NF2-L539H-QHNELKTEI	15969	15924
>NF2-L539H-QLNELKTEIEA	259	>NF2-L539H-QHNELKTEIEA	22556	22297
>NF2-L539H-QLNELKTEI	61	>NF2-L539H-QHNELKTEI	19648	19587
>NF2-L539H-QLNELKTEIEA	388	>NF2-L539H-QHNELKTEIEA	20671	20283
>NF2-L539H-QLNELKTEI	42	>NF2-L539H-QHNELKTEI	21132	21090
>NF2-L539H-QLNELKTEIEA	139	>NF2-L539H-QHNELKTEIEA	23324	23185
>NF2-L539H-QLNELKTEI	252	>NF2-L539H-QHNELKTEI	23763	23511
>NF2-L539H-QLNELKTEIEA	384	>NF2-L539H-QHNELKTEIEA	24555	24171
>NF2-L539H-QLNELKTEI	25	>NF2-L539H-QHNELKTEI	31307	31282
>NF2-L539H-QLNELKTEIEA	39	>NF2-L539H-QHNELKTEIEA	31954	31915
>NF2-L539H-MEKSKHLQE	412	>NF2-L539H-MEKSKHLQE	13232	12820
>NF2-L539H-MEKSKHLQE	218	>NF2-L539H-MEKSKHLQE	15244	15026
>NF2-L539H-MEKSKHLQE	159	>NF2-L539H-MEKSKHLQE	10604	10445
>NF2-L539H-MEKSKHLQE	115	>NF2-L539H-MEKSKHLQE	7858	7743
>NF2-L539H-EQLNELKTEI	325	>NF2-L539H-EQHNELKTEI	626	301

>NF2-L539H- QEQLNELK	116	>NF2-L539H- QEQHNELK	723	607
>NF2-L539H- QEQLNELKTE	18	>NF2-L539H- QEQHNELKTE	26	8
>NF2-L539H- QEQLNELKTE	68	>NF2-L539H- QEQHNELKTE	142	74
>NF2-L539H- LQEQLNEL	495	>NF2-L539H- LQEQHNEL	1313	818
>NF2-L539H- LQEQLNEL	334	>NF2-L539H- LQEQHNEL	1198	864
>NF2-L539H- HLQEQLNEL	49	>NF2-L539H- HLQEQHNEL	944	895
>NF2-L539H- HLQEQLNEL	6	>NF2-L539H- HLQEQHNEL	19	13
>NF2-L539H- HLQEQLNEL	43	>NF2-L539H- HLQEQHNEL	558	515
>NF2-L539H- HLQEQLNEL	178	>NF2-L539H- HLQEQHNEL	5235	5057
>NF2-L539H- HLQEQLNEL	28	>NF2-L539H- HLQEQHNEL	54	26
>NF2-L539H- HLQEQLNEL	5	>NF2-L539H- HLQEQHNEL	28	23
>NF2-L539H- HLQEQLNEL	119	>NF2-L539H- HLQEQHNEL	430	311
>NF2-L539H- HLQEQLNEL	438	>NF2-L539H- HLQEQHNEL	3924	3486
>NF2-L539H- HLQEQLNEL	4	>NF2-L539H- HLQEQHNEL	5	1
>NF2-L539H- HLQEQLNELK	341	>NF2-L539H- HLQEQHNELI	485	144
>NF2-L539H- KHLQEQLNEL	829	>NF2-L539H- KHLQEQHNEI	329	500
>NF2-L539H- KHLQEQLNEL	460	>NF2-L539H- KHLQEQHNEI	445	15
>NF2-L539H- SKHLQEQLNE	470	>NF2-L539H- SKHLQEQHNI	240	230
>NF2-L539H- KSKHLQEQL	271	>NF2-L539H- KSKHLQEQH	3366	3095
>NF2-L539H- KSKHLQEQL	23	>NF2-L539H- KSKHLQEQH	2142	2119
>NF2-L539H- KSKHLQEQL	66	>NF2-L539H- KSKHLQEQH	987	921
>NF2-L539H- KSKHLQEQL	182	>NF2-L539H- KSKHLQEQH	449	267
>NF2-Q324L- QAREEKARK	58	>NF2-Q324L- LAREEKARK	39	19
>NF2-Q324L- QAREEKARKC	87	>NF2-Q324L- LAREEKARKC	39	48
>NF2-Q324L- AQAREEKA	5779	>NF2-Q324L- ALAREEKA	214	5565
>NF2-Q324L- AQAREEKA	14747	>NF2-Q324L- ALAREEKA	439	14308
>NF2-Q324L- AQAREEKA	25929	>NF2-Q324L- ALAREEKA	26	25903
>NF2-Q324L- AQAREEKAR	497	>NF2-Q324L- ALAREEKAR	6200	5703
>NF2-Q324L- DSLEVQQMK	3333	>NF2-Q324L- DSLEVQQMK	410	2923
>NF2-Q324L- KAQAREEKAF	1922	>NF2-Q324L- KALAREEKAR	486	1436
>NF2-Q324L- KAQAREEK	193	>NF2-Q324L- KALAREEK	150	43
>NF2-Q324L- KAQAREEKAF	396	>NF2-Q324L- KALAREEKAR	304	92
>NF2-Q324L- KAQAREEK	259	>NF2-Q324L- KALAREEK	72	187
>NF2-Q324L- KAQAREEKAF	310	>NF2-Q324L- KALAREEKAR	96	214
>NF2-Q324L- KAQAREEK	344	>NF2-Q324L- KALAREEK	242	102
>NF2-Q324L- KAQAREEKAF	386	>NF2-Q324L- KALAREEKAR	178	208
>NF2-Q324L- KAQAREEKAF	358	>NF2-Q324L- KALAREEKAR	256	102
>NF2-Q324L- KAQAREEKAF	837	>NF2-Q324L- KALAREEKAR	152	685
>NF2-Q324L- MKAQAREEK	316	>NF2-Q324L- MKALAREEK	648	332
>NF2-Q324L- MKAQAREEK	289	>NF2-Q324L- MKALAREEK/	510	221
>NF2-Q324L- QMKAQAREE	711	>NF2-Q324L- QMKALAREE	451	260
>NF2-Q324L- QMKAQAREE	79	>NF2-Q324L- QMKALAREE	120	41
>NF2-Q324L- QQMKAQARI	244	>NF2-Q324L- QQMKALARE	146	98

>NF2-Q324L-QQMKAQAR	273	>NF2-Q324L-QQMKAQAR	305	32
>NF2-Q324L-QQMKAQAR	138	>NF2-Q324L-QQMKAQAR	210	72
>NF2-Q324L-QQMKAQAR	308	>NF2-Q324L-QQMKAQAR	164	144
>NF2-Q324L-VQQMKAQA	207	>NF2-Q324L-VQQMKAQAF	349	142
>NF2-Q324L-EVQQMKAQ	1102	>NF2-Q324L-EVQQMKAL	133	969
>NF2-Q324L-EVQQMKAQ	529	>NF2-Q324L-EVQQMKALA	285	244
>NF2-Q324L-EVQQMKAQ	1176	>NF2-Q324L-EVQQMKALA	397	779
>NF2-Q324L-EVQQMKAQ	357	>NF2-Q324L-EVQQMKALA	161	196
>NF2-Q324L-LEVQQMKAC	4890	>NF2-Q324L-LEVQQMKAL	43	4847
>NF2-Q324L-LEVQQMKAC	594	>NF2-Q324L-LEVQQMKAL	118	476
>NF2-Q324L-LEVQQMKAC	15472	>NF2-Q324L-LEVQQMKAL	91	15381
>NF2-Q324L-LEVQQMKAC	2876	>NF2-Q324L-LEVQQMKAL	119	2757
>NF2-Q324L-LEVQQMKAC	8969	>NF2-Q324L-LEVQQMKAL	63	8906
>NF2-Q324L-SLEVQQMKA	4181	>NF2-Q324L-SLEVQQMKA	82	4099
>NF2-Q324L-SLEVQQMKA	38	>NF2-Q324L-SLEVQQMKA	66	28
>NF2-Q470L-KQKLEIA	2809	>NF2-Q470L-KLKLEIA	288	2521
>NF2-Q470L-KQKLEIATK	760	>NF2-Q470L-KLKLEIATK	116	644
>NF2-Q470L-KQKLEIATK	12	>NF2-Q470L-KLKLEIATK	7	5
>NF2-Q470L-KQKLEIATK	524	>NF2-Q470L-KLKLEIATK	307	217
>NF2-Q470L-EAREAERRAK	15268	>NF2-Q470L-EAREAERRAK	469	14799
>NF2-Q470L-AKQKLEI	497	>NF2-Q470L-AKLKLEI	140	357
>NF2-Q470L-AKQKLEI	894	>NF2-Q470L-AKLKLEI	47	847
>NF2-Q470L-RAKQKLEI	30	>NF2-Q470L-RAKLKLEI	17	13
>NF2-Q470L-RAKQKLEIA	225	>NF2-Q470L-RAKLKLEIA	129	96
>NF2-Q470L-RAKQKLEI	195	>NF2-Q470L-RAKLKLEI	260	65
>NF2-Q470L-RAKQKLEI	22	>NF2-Q470L-RAKLKLEI	47	25
>NF2-Q470L-RAKQKLEI	434	>NF2-Q470L-RAKLKLEI	809	375
>NF2-Q470L-RRAKQKLL	29	>NF2-Q470L-RRAKLKLL	18	11
>NF2-Q470L-RRAKQKLE	590	>NF2-Q470L-RRAKLKLE	305	285
>NF2-Q470L-RRAKQKLEI	28	>NF2-Q470L-RRAKLKLEI	21	7
>NF2-Q470L-RRAKQKLEI	166	>NF2-Q470L-RRAKLKLEIA	102	64
>NF2-Q470L-RRAKQKLL	13	>NF2-Q470L-RRAKLKLL	9	4
>NF2-Q470L-RRAKQKLE	99	>NF2-Q470L-RRAKLKLE	45	54
>NF2-Q470L-RRAKQKLEI	59	>NF2-Q470L-RRAKLKLEI	62	3
>NF2-Q470L-RRAKQKLEI	167	>NF2-Q470L-RRAKLKLEIA	94	73
>NF2-Q470L-RRAKQKLL	46	>NF2-Q470L-RRAKLKLL	28	18
>NF2-Q470L-RRAKQKLE	988	>NF2-Q470L-RRAKLKLE	171	817
>NF2-Q470L-RRAKQKLEI	42	>NF2-Q470L-RRAKLKLEI	36	6
>NF2-Q470L-RRAKQKLEI	571	>NF2-Q470L-RRAKLKLEIA	197	374
>NF2-Q470L-ERRAKQKL	883	>NF2-Q470L-ERRAKKL	326	557
>NF2-Q470L-ERRAKQKLL	461	>NF2-Q470L-ERRAKLKLL	297	164
>NF2-Q470L-ERRAKQKL	546	>NF2-Q470L-ERRAKKL	329	217
>NF2-Q470L-AERRAKQK	905	>NF2-Q470L-AERRAKLK	77	828

>NF2-Q470L-AERRAKQKLL	312	>NF2-Q470L-AERRAKLKL	197	115
>NF2-Q470L-AERRAKQK	192	>NF2-Q470L-AERRAKLK	97	95
>NF2-Q470L-AERRAKQKL	597	>NF2-Q470L-AERRAKLKL	430	167
>NF2-Q470L-AERRAKQKL	231	>NF2-Q470L-AERRAKLKL	134	97
>NF2-Q470L-AERRAKQKL	63	>NF2-Q470L-AERRAKLKL	65	2
>NF2-Q470L-AERRAKQKLL	55	>NF2-Q470L-AERRAKLKL	37	18
>NF2-Q470L-EAERRAKQK	325	>NF2-Q470L-EAERRAKLK	231	94
>NF2-Q470L-REAERRAKQ	13221	>NF2-Q470L-REAERRAKL	332	12889
>NF2-Q470L-REAERRAKQK	404	>NF2-Q470L-REAERRAKLK	337	67
>NF2-Q470L-REAERRAKQ	11822	>NF2-Q470L-REAERRAKL	57	11765
>NF2-Q470L-REAERRAKQK	33	>NF2-Q470L-REAERRAKLK	31	2
>NF2-Q470L-REAERRAKQ	829	>NF2-Q470L-REAERRAKL	10	819
>NF2-Q470L-REAERRAKQK	20	>NF2-Q470L-REAERRAKLK	20	0
>NF2-Q470L-AREAERRAKC	6348	>NF2-Q470L-AREAERRAKL	351	5997
>NF2-R346S-REEAERTRDE	1716	>NF2-R346S-SEEAERTRDE	450	1266
>NF2-R346S-REEAERTRDE	17	>NF2-R346S-SEEAERTRDE	129	112
>NF2-R346S-REEAERTRDE	159	>NF2-R346S-SEEAERTRDE	559	400
>NF2-R346S-REEAERTRDE	89	>NF2-R346S-SEEAERTRDE	759	670
>NF2-R346S-MREEAERTR	5208	>NF2-R346S-MSEEAERTR	68	5140
>NF2-R346S-RQRLAREKQI	143	>NF2-R346S-RQRLAREKQI	381	238
>NF2-R346S-RQRLAREKQI	24	>NF2-R346S-RQRLAREKQI	13688	13664
>NF2-R346S-RQRLAREKQI	391	>NF2-R346S-RQRLAREKQI	2163	1772
>NF2-R346S-QMREEAER	365	>NF2-R346S-QMSEEAER	1255	890
>NF2-R346S-QMREEAER	482	>NF2-R346S-QMSEEAER	1591	1109
>NF2-R346S-QMREEAER	1231	>NF2-R346S-QMSEEAER	134	1097
>NF2-R346S-QMREEAER	655	>NF2-R346S-QMSEEAER	372	283
>NF2-R346S-KQMREEAER	28	>NF2-R346S-KQMSEEAER	27	1
>NF2-R346S-KQMREEAER	72	>NF2-R346S-KQMSEEAER	65	7
>NF2-R346S-KQMREEAER	218	>NF2-R346S-KQMSEEAER	120	98
>NF2-R346S-KQMREEAER	239	>NF2-R346S-KQMSEEAER	147	92
>NF2-R346S-KQMREEAER	229	>NF2-R346S-KQMSEEAER	133	96
>NF2-R346S-KQMREEAER	226	>NF2-R346S-KQMSEEAER	151	75
>NF2-R346S-REKQMREEA	37	>NF2-R346S-REKQMSEEA	42	5
>NF2-R346S-REKQMREEA	59	>NF2-R346S-REKQMSEEA	46	13
>NF2-R346S-REKQMREEA	58	>NF2-R346S-REKQMSEEA	49	9
>NF2-R346S-LAREKQMREI	443	>NF2-R346S-LAREKQMSEI	415	28
>NF2-R346S-LAREKQMR	157	>NF2-R346S-LAREKQMS	20382	20225
>NF2-R346S-LAREKQMR	235	>NF2-R346S-LAREKQMS	30418	30183
>NF2-R346S-RLAREKQMR	96	>NF2-R346S-RLAREKQMS	19001	18905
>NF2-R346S-RLAREKQMR	425	>NF2-R346S-RLAREKQMS	34130	33705
>NF2-R346S-QLAREKQM	145	>NF2-R346S-QLAREKQM	3962	3817
>NF2-S156R-SVHKRGFL	45	>NF2-S156R-RVHKRGFL	8	37
>NF2-S156R-SVHKRGFLA	34	>NF2-S156R-RVHKRGFLA	7	27

>NF2-S156R- SVHKRGFLAC	292	>NF2-S156R- RVHKRGFLAC	23	269
>NF2-S156R- SVHKRGFLAC	3901	>NF2-S156R- RVHKRGFLAC	409	3492
>NF2-S156R- SVHKRGFL	1708	>NF2-S156R- RVHKRGFL	289	1419
>NF2-S156R- PSVHKRGF	454	>NF2-S156R- PRVHKRGF	27392	26938
>NF2-S156R- VQAKYGDYD	23205	>NF2-S156R- VQAKYGDYD	394	22811
>NF2-S156R- DPSVHKRGF	6431	>NF2-S156R- DPRVHKRGF	351	6080
>NF2-S156R- DPSVHKRGFL	791	>NF2-S156R- DPRVHKRGFL	339	452
>NF2-S156R- YDPSVHKRGF	1082	>NF2-S156R- YDPRVHKRGF	494	588
>NF2-S156R- DYDPSVHK	995	>NF2-S156R- DYDPRVHK	219	776
>NF2-S156R- DYDPSVHKR	116	>NF2-S156R- DYDPRVHKR	38	78
>NF2-S156R- DYDPSVHKR	185	>NF2-S156R- DYDPRVHKR	133	52
>NF2-S156R- YGDYDPSV	485	>NF2-S156R- YGDYDPRV	2088	1603
>NF2-S156R- KYGDYDPSV	365	>NF2-S156R- KYGDYDPRV	461	96
>NF2-S156R- KYGDYDPSV	309	>NF2-S156R- KYGDYDPRV	497	188
>NF2-S156R- KYGDYDPSV	86	>NF2-S156R- KYGDYDPRV	110	24
>NF2-S156R- KYGDYDPSV†	43	>NF2-S156R- KYGDYDPRV†	49	6
>NF2-S156R- KYGDYDPS	15299	>NF2-S156R- KYGDYDPR	32	15267
>NF2-S156R- KYGDYDPSV†	258	>NF2-S156R- KYGDYDPRV†	119	139
>NF2-S156R- KYGDYDPS	2431	>NF2-S156R- KYGDYDPR	10	2421
>NF2-S156R- KYGDYDPSV†	23	>NF2-S156R- KYGDYDPRV†	20	3
>NF2-S156R- AKYGDYDPS\	322	>NF2-S156R- AKYGDYDPR\	356	34
>NF2-S156R- AKYGDYDPS\	495	>NF2-S156R- AKYGDYDPR\	883	388
>NF2-S156R- AKYGDYDPS\	198	>NF2-S156R- AKYGDYDPR\	219	21
>NF2-S156R- AKYGDYDPS\	71	>NF2-S156R- AKYGDYDPR\	389	318
>NF2-S156R- AKYGDYDPS\	99	>NF2-S156R- AKYGDYDPR\	201	102
>NF2-S156R- QAKYGDYDP	35011	>NF2-S156R- QAKYGDYDP	284	34727
>NF2-V146I-  VQAKYGDY	70	>NF2-V146I-  IQAKYGDY	74	4
>NF2-V146I-  VQAKYGDY	369	>NF2-V146I-  IQAKYGDY	672	303
>NF2-V146I-  VQAKYGDY	103	>NF2-V146I-  IQAKYGDY	96	7
>NF2-V146I-  VQAKYGDY	313	>NF2-V146I-  IQAKYGDY	306	7
>NF2-V146I-  VQAKYGDY	52	>NF2-V146I-  IQAKYGDY	23	29
>NF2-V146I-  AVQAKYGDY	317	>NF2-V146I-  AIQAKYGDY	574	257
>NF2-V146I-  AVQAKYGDY	126	>NF2-V146I-  AIQAKYGDY	153	27
>NF2-V146I-  AVQAKYGDY	281	>NF2-V146I-  AIQAKYGDY	859	578
>NF2-V146I-  EASVLLASYA	10	>NF2-V146I-  EASVLLASYA	21	11
>NF2-V146I-  EASVLLASYA	17	>NF2-V146I-  EASVLLASYA	87	70
>NF2-V146I-  YAVQAKYGD	272	>NF2-V146I-  YAIQAKYGDY	113	159
>NF2-V146I-  YAVQAKYGD	102	>NF2-V146I-  YAIQAKYGDY	55	47
>NF2-V146I-  YAVQAKYGD	420	>NF2-V146I-  YAIQAKYGDY	209	211
>NF2-V146I-  YAVQAKYGD	32	>NF2-V146I-  YAIQAKYGDY	38	6
>NF2-V146I-  YAVQAKYGD	556	>NF2-V146I-  YAIQAKYGDY	453	103
>NF2-V146I-  SYAVQAKY	57	>NF2-V146I-  SYAIQAKY	44	13
>NF2-V146I-  SYAVQAKYGI	52	>NF2-V146I-  SYAIQAKYGD	44	8

>NF2-V146I-1 SYAVQAKY	57	>NF2-V146I-1 SYAIQAKY	49	8
>NF2-V146I-1 SYAVQAKYGI	110	>NF2-V146I-1 SYAIQAKYGD	96	14
>NF2-V146I-1 SYAVQAKY	398	>NF2-V146I-1 SYAIQAKY	338	60
>NF2-V146I-1 SYAVQAKYGI	152	>NF2-V146I-1 SYAIQAKYGD	149	3
>NF2-V146I-1 SYAVQAKY	119	>NF2-V146I-1 SYAIQAKY	144	25
>NF2-V146I-1 SYAVQAKYGI	230	>NF2-V146I-1 SYAIQAKYGD	261	31
>NF2-V146I-1 ASYAVQAK	46	>NF2-V146I-1 ASYAIQAK	47	1
>NF2-V146I-1 ASYAVQAKY	93	>NF2-V146I-1 ASYAIQAKY	114	21
>NF2-V146I-1 ASYAVQAK	12	>NF2-V146I-1 ASYAIQAK	12	0
>NF2-V146I-1 ASYAVQAKY	86	>NF2-V146I-1 ASYAIQAKY	116	30
>NF2-V146I-1 ASYAVQAKY	319	>NF2-V146I-1 ASYAIQAKY	249	70
>NF2-V146I-1 ASYAVQAKY	120	>NF2-V146I-1 ASYAIQAKY	47	73
>NF2-V146I-1 ASYAVQAK	21	>NF2-V146I-1 ASYAIQAK	20	1
>NF2-V146I-1 ASYAVQAKY	14	>NF2-V146I-1 ASYAIQAKY	10	4
>NF2-V146I-1 ASYAVQAK	296	>NF2-V146I-1 ASYAIQAK	170	126
>NF2-V146I-1 ASYAVQAKY	1113	>NF2-V146I-1 ASYAIQAKY	478	635
>NF2-V146I-1 ASYAVQAK	235	>NF2-V146I-1 ASYAIQAK	226	9
>NF2-V146I-1 ASYAVQAKY	246	>NF2-V146I-1 ASYAIQAKY	351	105
>NF2-V146I-1 ASYAVQAKY	96	>NF2-V146I-1 ASYAIQAKY	91	5
>NF2-V146I-1 ASYAVQAKY	4	>NF2-V146I-1 ASYAIQAKY	4	0
>NF2-V146I-1 ASYAVQAKY	323	>NF2-V146I-1 ASYAIQAKY	427	104
>NF2-V146I-1 ASYAVQAKY	18	>NF2-V146I-1 ASYAIQAKY	42	24
>NF2-V146I-1 ASYAVQAKY	30	>NF2-V146I-1 ASYAIQAKY	25	5
>NF2-V146I-1 ASYAVQAKY	242	>NF2-V146I-1 ASYAIQAKY	382	140
>NF2-V146I-1 ASYAVQAK	342	>NF2-V146I-1 ASYAIQAK	321	21
>NF2-V146I-1 LASYAVQAKY	242	>NF2-V146I-1 LASYAIQAKY	123	119
>NF2-V146I-1 LASYAVQAK	248	>NF2-V146I-1 LASYAIQAK	234	14
>NF2-V146I-1 LASYAVQAKY	30	>NF2-V146I-1 LASYAIQAKY	30	0
>NF2-V146I-1 LASYAVQAK	140	>NF2-V146I-1 LASYAIQAK	142	2
>NF2-V146I-1 LASYAVQAKY	510	>NF2-V146I-1 LASYAIQAKY	247	263
>NF2-V146I-1 LASYAVQAKY	234	>NF2-V146I-1 LASYAIQAKY	321	87
>NF2-V146I-1 LASYAVQAKY	272	>NF2-V146I-1 LASYAIQAKY	371	99
>NF2-V146I-1 LASYAVQAKY	24	>NF2-V146I-1 LASYAIQAKY	26	2
>NF2-V146I-1 LASYAVQAKY	96	>NF2-V146I-1 LASYAIQAKY	220	124
>NF2-V146I-1 LASYAVQAKY	37	>NF2-V146I-1 LASYAIQAKY	32	5
>NF2-V146I-1 LASYAVQAKY	188	>NF2-V146I-1 LASYAIQAKY	252	64
>NF2-V146I-1 LLASYAVQA	43	>NF2-V146I-1 LLASYAIQA	38	5
>NF2-V146I-1 LLASYAVQ	165	>NF2-V146I-1 LLASYAIQ	179	14
>NF2-V146I-1 LLASYAVQA	7	>NF2-V146I-1 LLASYAIQA	10	3
>NF2-V146I-1 LLASYAVQA	10	>NF2-V146I-1 LLASYAIQA	11	1
>NF2-V146I-1 LLASYAVQA	150	>NF2-V146I-1 LLASYAIQA	153	3
>NF2-V146I-1 LLASYAVQA	17	>NF2-V146I-1 LLASYAIQA	15	2
>NF2-V146I-1 LLASYAVQA	458	>NF2-V146I-1 LLASYAIQA	495	37



>NF2-V146I-V LLASYAVQA	51	>NF2-V146I-I LLASYAIQA	45	6
>NF2-V146I-V LLASYAVQA	53	>NF2-V146I-I LLASYAIQA	76	23
>NF2-V146I-V LLASYAVQ	35	>NF2-V146I-I LLASYAIQ	52	17
>NF2-V146I-V LLASYAVQA	4	>NF2-V146I-I LLASYAIQA	4	0
>NF2-V146I-V LLASYAVQAK	379	>NF2-V146I-I LLASYAIQAK	296	83
>NF2-V146I-V LLASYAVQAK	444	>NF2-V146I-I LLASYAIQAK\	419	25
>NF2-V146I-V LLASYAVQAK	89	>NF2-V146I-I LLASYAIQAK	83	6
>NF2-V146I-V LLASYAVQAK	270	>NF2-V146I-I LLASYAIQAK\	250	20
>NF2-V146I-V LLASYAVQAK	139	>NF2-V146I-I LLASYAIQAK	131	8
>NF2-V146I-V LLASYAVQAK	22	>NF2-V146I-I LLASYAIQAK\	17	5
>NF2-V146I-V LLASYAVQAK	29	>NF2-V146I-I LLASYAIQAK\	27	2
>NF2-V146I-V LLASYAVQAK	458	>NF2-V146I-I LLASYAIQAK	502	44
>NF2-V146I-V LLASYAVQAK	506	>NF2-V146I-I LLASYAIQAK\	280	226
>NF2-V146I-V LLASYAVQAK	113	>NF2-V146I-I LLASYAIQAK\	142	29
>NF2-V146I-V LLASYAVQAK	249	>NF2-V146I-I LLASYAIQAK\	298	49
>NF2-V146I-V LLASYAVQAK	122	>NF2-V146I-I LLASYAIQAK\	161	39
>NF2-V146I-V LLASYAVQAK	562	>NF2-V146I-I LLASYAIQAK\	449	113
>NF2-V146I-V LLASYAVQAK	278	>NF2-V146I-I LLASYAIQAK\	246	32
>NF2-V146I-V LLASYAVQAK	320	>NF2-V146I-I LLASYAIQAK\	440	120
>NF2-V146I-V LLASYAVQAK	160	>NF2-V146I-I LLASYAIQAK	218	58
>NF2-V146I-V LLASYAVQAK	185	>NF2-V146I-I LLASYAIQAK\	163	22
>NF2-V146I-V VLLASYAV	9	>NF2-V146I-I VLLASYAI	20	11
>NF2-V146I-V VLLASYAVQA	651	>NF2-V146I-I VLLASYAIQA	327	324
>NF2-V146I-V VLLASYAV	10	>NF2-V146I-I VLLASYAI	44	34
>NF2-V146I-V VLLASYAVQA	352	>NF2-V146I-I VLLASYAIQA	236	116
>NF2-V146I-V VLLASYAV	11	>NF2-V146I-I VLLASYAI	42	31
>NF2-V146I-V VLLASYAVQA	498	>NF2-V146I-I VLLASYAIQA	489	9
>NF2-V146I-V VLLASYAV	8	>NF2-V146I-I VLLASYAI	36	28
>NF2-V146I-V VLLASYAV	1	>NF2-V146I-I VLLASYAI	3	2
>NF2-V146I-V VLLASYAVQA	7	>NF2-V146I-I VLLASYAIQA	8	1
>NF2-V146I-V VLLASYAV	3	>NF2-V146I-I VLLASYAI	5	2
>NF2-V146I-V VLLASYAVQA	94	>NF2-V146I-I VLLASYAIQA	101	7
>NF2-V146I-V VLLASYAV	4	>NF2-V146I-I VLLASYAI	12	8
>NF2-V146I-V VLLASYAVQA	19	>NF2-V146I-I VLLASYAIQA	20	1
>NF2-V146I-V VLLASYAV	2	>NF2-V146I-I VLLASYAI	9	7
>NF2-V146I-V VLLASYAVQA	31	>NF2-V146I-I VLLASYAIQA	38	7
>NF2-V146I-V VLLASYAV	2	>NF2-V146I-I VLLASYAI	8	6
>NF2-V146I-V VLLASYAVQ	66	>NF2-V146I-I VLLASYAIQ	102	36
>NF2-V146I-V VLLASYAVQA	5	>NF2-V146I-I VLLASYAIQA	6	1
>NF2-V146I-V VLLASYAVQA	64	>NF2-V146I-I VLLASYAIQA\	59	5
>NF2-V146I-V VLLASYAVQA	100	>NF2-V146I-I VLLASYAIQA\	84	16
>NF2-V146I-V VLLASYAVQA	276	>NF2-V146I-I VLLASYAIQA\	258	18
>NF2-V146I-V VLLASYAV	1906	>NF2-V146I-I VLLASYAI	190	1716

>NF2-V146I-VLLASYAV	188	>NF2-V146I-VLLASYAI	1425	1237
>NF2-V146I-VLLASYAV	380	>NF2-V146I-VLLASYAI	261	119
>NF2-V146I-SVLLASYAV	50	>NF2-V146I-SVLLASYAI	357	307
>NF2-V146I-SVLLASYAV	84	>NF2-V146I-SVLLASYAI	485	401
>NF2-V146I-SVLLASYAV	466	>NF2-V146I-SVLLASYAI	2027	1561
>NF2-V146I-SVLLASYAV	9	>NF2-V146I-SVLLASYAI	60	51
>NF2-V146I-SVLLASYAVQ	355	>NF2-V146I-SVLLASYAIQ	388	33
>NF2-V146I-SVLLASYAV	24	>NF2-V146I-SVLLASYAI	448	424
>NF2-V146I-SVLLASYAV	10	>NF2-V146I-SVLLASYAI	126	116
>NF2-V146I-SVLLASYAV	18	>NF2-V146I-SVLLASYAI	599	581
>NF2-V146I-SVLLASYAV	17	>NF2-V146I-SVLLASYAI	867	850
>NF2-V146I-SVLLASYAV	57	>NF2-V146I-SVLLASYAI	10146	10089
>NF2-V146I-SVLLASYAV	462	>NF2-V146I-SVLLASYAI	249	213
>NF2-V146I-SVLLASYAVQ	756	>NF2-V146I-SVLLASYAIQ	389	367
>NF2-V146I-SVLLASYAV	302	>NF2-V146I-SVLLASYAI	18	284
>NF2-V146I-SVLLASYAV	25	>NF2-V146I-SVLLASYAI	81	56
>NF2-V146I-SVLLASYAV	8	>NF2-V146I-SVLLASYAI	31	23
>NF2-V146I-SVLLASYAVQ	175	>NF2-V146I-SVLLASYAIQ	136	39
>NF2-V146I-ASVLLASYAV	194	>NF2-V146I-ASVLLASYAI	770	576
>NF2-V146I-ASVLLASYAV	1653	>NF2-V146I-ASVLLASYAI	159	1494
>NF2-V146I-ASVLLASYAV	368	>NF2-V146I-ASVLLASYAI	1392	1024
>NF2-V146I-ASVLLASYAV	216	>NF2-V146I-ASVLLASYAI	34	182
>NF2-V146I-ASVLLASYAV	13762	>NF2-V146I-ASVLLASYAI	304	13458
>NF2-V219M VNYFAIRNK	3227	>NF2-V219M MNYFAIRNK	209	3018
>NF2-V219M VNYFAIRNKK	4025	>NF2-V219M MNYFAIRNK	294	3731
>NF2-V219M VNYFAIRNKK	1477	>NF2-V219M MNYFAIRNK	356	1121
>NF2-V219M VNYFAIRNK	2996	>NF2-V219M MNYFAIRNK	101	2895
>NF2-V219M VNYFAIRNKK	1628	>NF2-V219M MNYFAIRNK	131	1497
>NF2-V219M GVNYFAIRNK	49	>NF2-V219M GMNYFAIRNI	26	23
>NF2-V219M GVNYFAIRNK	125	>NF2-V219M GMNYFAIRNI	59	66
>NF2-V219M GVNYFAIR	130	>NF2-V219M GMNYFAIR	332	202
>NF2-V219M GVNYFAIRNK	61	>NF2-V219M GMNYFAIRNI	78	17
>NF2-V219M GVNYFAIRNK	15	>NF2-V219M GMNYFAIRNI	17	2
>NF2-V219M GVNYFAIRNK	120	>NF2-V219M GMNYFAIRNI	565	445
>NF2-V219M GVNYFAIRNK	158	>NF2-V219M GMNYFAIRNI	790	632
>NF2-V219M GVNYFAIR	22	>NF2-V219M GMNYFAIR	11	11
>NF2-V219M GVNYFAIRNK	520	>NF2-V219M GMNYFAIRNI	171	349
>NF2-V219M GVNYFAIR	85	>NF2-V219M GMNYFAIR	320	235
>NF2-V219M GVNYFAIRNK	122	>NF2-V219M GMNYFAIRNI	765	643
>NF2-V219M GVNYFAIRNK	612	>NF2-V219M GMNYFAIRNI	118	494
>NF2-V219M GVNYFAIR	1942	>NF2-V219M GMNYFAIR	370	1572
>NF2-V219M KIAQDLEMYC	31	>NF2-V219M KIAQDLEMYC	810	779
>NF2-V219M KIAQDLEMYC	9	>NF2-V219M KIAQDLEMYC	100	91

>NF2-V219M KIAQDLEMYC	13	>NF2-V219M KIAQDLEMYC	1400	1387
>NF2-V219M KIAQDLEMYC	11	>NF2-V219M KIAQDLEMYC	157	146
>NF2-V219M KIAQDLEMYC	14	>NF2-V219M KIAQDLEMYC	1883	1869
>NF2-V219M KIAQDLEMYC	36	>NF2-V219M KIAQDLEMYC	3532	3496
>NF2-V219M KIAQDLEMYC	18	>NF2-V219M KIAQDLEMYC	4835	4817
>NF2-V219M KIAQDLEMYC	28	>NF2-V219M KIAQDLEMYC	4562	4534
>NF2-V219M KIAQDLEMYC	9	>NF2-V219M KIAQDLEMYC	5955	5946
>NF2-V219M KIAQDLEMYC	5118	>NF2-V219M KIAQDLEMYC	48	5070
>NF2-V219M KIAQDLEMYC	434	>NF2-V219M KIAQDLEMYC	5150	4716
>NF2-V219M YGVNYFAI	546	>NF2-V219M YGMNYFAI	377	169
>NF2-V219M YGVNYFAI	4966	>NF2-V219M YGMNYFAI	259	4707
>NF2-V219M YGVNYFAI	1041	>NF2-V219M YGMNYFAI	143	898
>NF2-V219M YGVNYFAI	35	>NF2-V219M YGMNYFAI	15	20
>NF2-V219M YGVNYFAI	1271	>NF2-V219M YGMNYFAI	421	850
>NF2-V219M YGVNYFAIRN	3973	>NF2-V219M YGMNYFAIRN	334	3639
>NF2-V219M YGVNYFAIR	156	>NF2-V219M YGMNYFAIR	55	101
>NF2-V219M YGVNYFAIR	98	>NF2-V219M YGMNYFAIR	73	25
>NF2-V219M YGVNYFAI	1826	>NF2-V219M YGMNYFAI	468	1358
>NF2-V219M YGVNYFAI	4454	>NF2-V219M YGMNYFAI	448	4006
>NF2-V219M YGVNYFAI	897	>NF2-V219M YGMNYFAI	333	564
>NF2-V219M YGVNYFAIR	227	>NF2-V219M YGMNYFAIR	213	14
>NF2-V219M YGVNYFAI	1647	>NF2-V219M YGMNYFAI	400	1247
>NF2-V219M MYGVNYFAI	20	>NF2-V219M MYGMNYFAI	30	10
>NF2-V219M MYGVNYFAI	60	>NF2-V219M MYGMNYFAI	68	8
>NF2-V219M MYGVNYFA	329	>NF2-V219M MYGMNYFA	428	99
>NF2-V219M MYGVNYFAI	5	>NF2-V219M MYGMNYFAI	6	1
>NF2-V219M MYGVNYFAIF	74	>NF2-V219M MYGMNYFAI	36	38
>NF2-V219M MYGVNYFAIF	126	>NF2-V219M MYGMNYFAI	43	83
>NF2-V219M MYGVNYFAIF	29	>NF2-V219M MYGMNYFAI	23	6
>NF2-V219M MYGVNYFA	243	>NF2-V219M MYGMNYFA	155	88
>NF2-V219M MYGVNYFAI	533	>NF2-V219M MYGMNYFAI	299	234
>NF2-V219M EMYGVNYFA	73	>NF2-V219M EMYGMNYFA	117	44
>NF2-V219M EMYGVNYFA	174	>NF2-V219M EMYGMNYFA	108	66
>NF2-V219M EMYGVNYFA	19	>NF2-V219M EMYGMNYFA	25	6
>NF2-V219M EMYGVNYFA	46	>NF2-V219M EMYGMNYFA	54	8
>NF2-V219M EMYGVNYFA	223	>NF2-V219M EMYGMNYFA	264	41
>NF2-V219M EMYGVNYFA	151	>NF2-V219M EMYGMNYFA	123	28
>NF2-V219M EMYGVNYFA	250	>NF2-V219M EMYGMNYFA	222	28
>NF2-V219M EMYGVNYF	53	>NF2-V219M EMYGMNYF	373	320
>NF2-V219M EMYGVNYFA	4	>NF2-V219M EMYGMNYFA	11	7
>NF2-V219M EMYGVNYFA	3	>NF2-V219M EMYGMNYFA	4	1
>NF2-V219M EMYGVNYFA	62	>NF2-V219M EMYGMNYFA	119	57
>NF2-V219M EMYGVNYFA	15	>NF2-V219M EMYGMNYFA	23	8

>NF2-V219M EMYGVNYFA	16	>NF2-V219M EMYGMNYFA	33	17
>NF2-V219M EMYGVNYFA	21	>NF2-V219M EMYGMNYFA	34	13
>NF2-V219M EMYGVNYFA	25	>NF2-V219M EMYGMNYFA	24	1
>NF2-V219M EMYGVNYFA	23	>NF2-V219M EMYGMNYFA	24	1
>NF2-V219M EMYGVNYFA	34	>NF2-V219M EMYGMNYFA	21	13
>NF2-V219M EMYGVNYFA	27	>NF2-V219M EMYGMNYFA	16	11
>NF2-V219M EMYGVNYF	55	>NF2-V219M EMYGMNYF	30	25
>NF2-V219M EMYGVNYF	428	>NF2-V219M EMYGMNYF	179	249
>NF2-V219M EMYGVNYFA	38	>NF2-V219M EMYGMNYFA	34	4
>NF2-V219M EMYGVNYF	162	>NF2-V219M EMYGMNYF	253	91
>NF2-V219M EMYGVNYFA	36	>NF2-V219M EMYGMNYFA	31	5
>NF2-V219M EMYGVNYFA	14	>NF2-V219M EMYGMNYFA	19	5
>NF2-V219M EMYGVNYFA	4	>NF2-V219M EMYGMNYFA	4	0
>NF2-V219M EMYGVNYFA	15	>NF2-V219M EMYGMNYFA	39	24
>NF2-V219M EMYGVNYFA	63	>NF2-V219M EMYGMNYFA	46	17
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>NF2-V219M EMYGVNYF	92	>NF2-V219M EMYGMNYF	105	13
>NF2-V219M EMYGVNYF	104	>NF2-V219M EMYGMNYF	113	9
>NF2-V219M EMYGVNYF	23	>NF2-V219M EMYGMNYF	34	11
>NF2-V219M EMYGVNYFA	500	>NF2-V219M EMYGMNYFA	493	7
>NF2-V219M EMYGVNYFA	338	>NF2-V219M EMYGMNYFA	459	121
>NF2-V219M EMYGVNYFA	38	>NF2-V219M EMYGMNYFA	31	7
>NF2-V219M LEMYGVNY	381	>NF2-V219M LEMYGMNY	447	66
>NF2-V219M LEMYGVNYF	112	>NF2-V219M LEMYGMNYF	125	13
>NF2-V219M LEMYGVNYF,	220	>NF2-V219M LEMYGMNYF	238	18
>NF2-V219M LEMYGVNYF,	12	>NF2-V219M LEMYGMNYF	12	0
>NF2-V219M LEMYGVNYF,	311	>NF2-V219M LEMYGMNYF	271	40
>NF2-V219M LEMYGVNY	1077	>NF2-V219M LEMYGMNY	473	604
>NF2-V219M LEMYGVNY	134	>NF2-V219M LEMYGMNY	153	19
>NF2-V219M LEMYGVNYF	91	>NF2-V219M LEMYGMNYF	143	52
>NF2-V219M LEMYGVNY	34	>NF2-V219M LEMYGMNY	51	17
>NF2-V219M LEMYGVNYF	16	>NF2-V219M LEMYGMNYF	30	14
>NF2-V219M LEMYGVNYF,	287	>NF2-V219M LEMYGMNYF	441	154
>NF2-V219M LEMYGVNY	22	>NF2-V219M LEMYGMNY	25	3
>NF2-V219M LEMYGVNYF	24	>NF2-V219M LEMYGMNYF	33	9
>NF2-V219M LEMYGVNYF,	107	>NF2-V219M LEMYGMNYF	123	16
>NF2-V219M LEMYGVNYF	83	>NF2-V219M LEMYGMNYF	65	18
>NF2-V219M LEMYGVNYF,	18	>NF2-V219M LEMYGMNYF	15	3
>NF2-V219M LEMYGVNYF	411	>NF2-V219M LEMYGMNYF	374	37
>NF2-V219M LEMYGVNYF,	246	>NF2-V219M LEMYGMNYF	228	18
>NF2-V219M LEMYGVNYF,	45	>NF2-V219M LEMYGMNYF	42	3
>NF2-V219M LEMYGVNY	239	>NF2-V219M LEMYGMNY	227	12

>NF2-V219MLEMYGVNY	106	>NF2-V219MLEMYGMNY	123	17
>NF2-V219MLEMYGVNYF	105	>NF2-V219MLEMYGMNYF	145	40
>NF2-V219MLEMYGVNYF/	320	>NF2-V219MLEMYGMNYF	373	53
>NF2-V219MLEMYGVNYF/	112	>NF2-V219MLEMYGMNYF	98	14
>NF2-V219MLEMYGVNYF	1176	>NF2-V219MLEMYGMNYF	441	735
>NF2-V219MLEMYGVNYF	18	>NF2-V219MLEMYGMNYF	25	7
>NF2-V219MLEMYGVNYF/	379	>NF2-V219MLEMYGMNYF	179	200
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>NF2-V219MAQDLEMYGV	87	>NF2-V219MAQDLEMYGM	3483	3396
>NF2-V219MAQDLEMYGV	234	>NF2-V219MAQDLEMYGM	2850	2616
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>NF2-V219MAQDLEMYGV	179	>NF2-V219MAQDLEMYGM	8449	8270
>NF2-V219MAQDLEMYGV	36	>NF2-V219MAQDLEMYGM	3911	3875
>NF2-V219MAQDLEMYGV	363	>NF2-V219MAQDLEMYGM	12747	12384
>NF2-V219MAQDLEMYGV	360	>NF2-V219MAQDLEMYGM	334	26
>NF2-V219MIAQDLEMYG\	94	>NF2-V219MIAQDLEMYGI	1151	1057
>NF2-V219MIAQDLEMYG\	202	>NF2-V219MIAQDLEMYGI	8024	7822
>NF2-V219MIAQDLEMYG\	86	>NF2-V219MIAQDLEMYGI	12707	12621
>NF2-V219MIAQDLEMYG\	4691	>NF2-V219MIAQDLEMYGI	107	4584
>NF2-W191RWYAEHRGR	3061	>NF2-W191R RYAEHRGR	29	3032
>NF2-W191RWYAEHRGRA	1035	>NF2-W191R RYAEHRGRAI	49	986
>NF2-W191RWYAEHRGRA	424	>NF2-W191R RYAEHRGRAI	1156	732
>NF2-W191RWYAEHRGR	59	>NF2-W191R RYAEHRGR	30	29
>NF2-W191RWYAEHRGRA	144	>NF2-W191R RYAEHRGRAI	52	92
>NF2-W191RAWYAEHRGR	254	>NF2-W191R RYAEHRGR/	9954	9700
>NF2-W191RAWYAEHRGR	5915	>NF2-W191R RYAEHRGR/	329	5586
>NF2-W191RAWYAEHRGR	18263	>NF2-W191R RYAEHRGR	164	18099
>NF2-W191RAWYAEHRGR	16211	>NF2-W191R RYAEHRGR/	385	15826
>NF2-W191RAWYAEHRGR	16665	>NF2-W191R RYAEHRGR/	126	16539
>NF2-W191RAWYAEHRGR	34	>NF2-W191R RYAEHRGR	1772	1738
>NF2-W191RAWYAEHRGR	58	>NF2-W191R RYAEHRGR/	4013	3955
>NF2-W191RAWYAEHRG	491	>NF2-W191R RYAEHRG	38521	38030
>NF2-W191RAWYAEHRGR	345	>NF2-W191R RYAEHRGR/	36848	36503
>NF2-W191RPEMWEERIT/	219	>NF2-W191RPEMWEERIT/	9955	9736
>NF2-W191RPEMWEERIT/	172	>NF2-W191RPEMWEERIT/	9487	9315
>NF2-W191RTAWYAEHRG	12837	>NF2-W191R TARYAEHRGF	226	12611
>NF2-W191RTAWYAEHR	33	>NF2-W191R TARYAEHR	91	58
>NF2-W191RTAWYAEHRG	397	>NF2-W191R TARYAEHRGF	246	151
>NF2-W191RTAWYAEHR	98	>NF2-W191R TARYAEHR	191	93

>NF2-W191RTAWYAEHR	15	>NF2-W191RTARYAEHR	30	15
>NF2-W191RTAWYAEHR	258	>NF2-W191RTARYAEHR	3438	3180
>NF2-W191RITAWYAEHR	50	>NF2-W191RITARYAEHR	50	0
>NF2-W191RITAWYAEHRG	168	>NF2-W191RITARYAEHRG	186	18
>NF2-W191RITAWYAEHR	328	>NF2-W191RITARYAEHR	791	463
>NF2-W191RITAWYAEH	392	>NF2-W191RITARYAEH	918	526
>NF2-W191RITAWYAEHR	3	>NF2-W191RITARYAEHR	5	2
>NF2-W191RITAWYAEHRG	7	>NF2-W191RITARYAEHRG	13	6
>NF2-W191RITAWYAEH	243	>NF2-W191RITARYAEH	810	567
>NF2-W191RITAWYAEHR	358	>NF2-W191RITARYAEHR	316	42
>NF2-W191RITAWYAEHR	150	>NF2-W191RITARYAEHR	1004	854
>NF2-W191RITAWYAEHRG	365	>NF2-W191RITARYAEHRG	1323	958
>NF2-W191RRITAWYAEH	352	>NF2-W191RRITARYAEH	400	48
>NF2-W191RRITAWYAEHF	22	>NF2-W191RRITARYAEHR	26	4
>NF2-W191RRITAWYAEHF	81	>NF2-W191RRITARYAEHR	149	68
>NF2-W191RRITAWYAEHF	61	>NF2-W191RRITARYAEHR	100	39
>NF2-W191RRITAWYAEHF	34	>NF2-W191RRITARYAEHR	44	10
>NF2-W191RERITAWYAEH	134	>NF2-W191RERITARYAEHI	139	5
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>NF2-W191RERITAWYAEH	276	>NF2-W191RERITARYAEHI	496	220
>NF2-W191REERITAWY	168	>NF2-W191REERITARY	763	595
>NF2-W191REERITAWY	122	>NF2-W191REERITARY	371	249
>NF2-W191REERITAWY	83	>NF2-W191REERITARY	212	129
>NF2-W191REERITAWYA	8	>NF2-W191REERITARYA	20	12
>NF2-W191RWEERITAWY	57	>NF2-W191RWEERITARY	238	181
>NF2-W191RWEERITAWY,	299	>NF2-W191RWEERITARYA	182	117
>NF2-W191RWEERITAW	70	>NF2-W191RWEERITAR	1020	950
>NF2-W191RWEERITAWY	40	>NF2-W191RWEERITARY	86	46
>NF2-W191RWEERITAWY,	298	>NF2-W191RWEERITARYA	302	4
>NF2-W191RWEERITAW	138	>NF2-W191RWEERITAR	8447	8309
>NF2-W191RWEERITAW	162	>NF2-W191RWEERITAR	13927	13765
>NF2-W191RWEERITAWY	267	>NF2-W191RWEERITARY	693	426
>NF2-W191RWEERITAWY,	316	>NF2-W191RWEERITARYA	518	202
>NF2-W191RWEERITAWY	474	>NF2-W191RWEERITARY	795	321
>NF2-W191RWEERITAWY,	20	>NF2-W191RWEERITARYA	111	91
>NF2-W191RWEERITAW	48	>NF2-W191RWEERITAR	27590	27542
>NF2-W191RMWEERITAW	84	>NF2-W191RMWEERITAR'	163	79
>NF2-W191RMWEERITAW	437	>NF2-W191RMWEERITAR'	3386	2949
>NF2-W191RMWEERITAW	59	>NF2-W191RMWEERITAR'	79	20
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>NF2-W191RMWEERITAW	19668	>NF2-W191RMWEERITAR	58	19610
>NF2-W191RMWEERITAW	23731	>NF2-W191RMWEERITAR	112	23619
>NF2-W191RMWEERITAW	12148	>NF2-W191RMWEERITAR	36	12112

>NF2-W191RMWEERITAV	58	>NF2-W191RMWEERITAR	161	103
>NF2-W191RMWEERITAV	24	>NF2-W191RMWEERITAR'	55	31
>NF2-W191REMWEERITA'	464	>NF2-W191REMWEERITAI	527	63
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>NF2-W191REMWEERITA'	139	>NF2-W191REMWEERITAI	501	362
>NF2-W191REMWEERITA'	80	>NF2-W191REMWEERITAI	41	39
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>NF2-W191REMWEERITA'	263	>NF2-W191REMWEERITAI	237	26
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>NF2-W191REMWEERITA'	64	>NF2-W191REMWEERITAI	54	10
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>NF2-W191REMWEERITA'	13940	>NF2-W191REMWEERITAI	40	13900
>NF2-W41C- KWKGKDLF	462	>NF2-W41C- KCKGKDLF	15962	15500
>NF2-W41C- KWKGKDLF	392	>NF2-W41C- KCKGKDLF	11879	11487
>NF2-W41C- KWKGKDLF	80	>NF2-W41C- KCKGKDLF	14631	14551
>NF2-W41C- KWKGKDLF	156	>NF2-W41C- KCKGKDLF	33476	33320
>NF2-W41C- KWKGKDLFD	201	>NF2-W41C- KCKGKDLFD	27959	27758
>NF2-W41C- KWKGKDLFD	84	>NF2-W41C- KCKGKDLFDL	26849	26765
>NF2-W41C- AEMEFNCEN	488	>NF2-W41C- AEMEFNCEN	244	244
>NF2-W41C- AEMEFNCEN	61	>NF2-W41C- AEMEFNCEN	2160	2099
>NF2-W41C- AEMEFNCEN	12	>NF2-W41C- AEMEFNCEN	776	764
>NF2-W41C- AEMEFNCEN	377	>NF2-W41C- AEMEFNCEN	78	299
>NF2-W41C- AEMEFNCEN	11	>NF2-W41C- AEMEFNCEN	17	6
>NF2-W41C- AEMEFNCEN	381	>NF2-W41C- AEMEFNCEN	29681	29300
>NF2-W41C- MKWKGKDL	22	>NF2-W41C- MKCKGKDL	250	228
>NF2-W41C- MKWKGKDLF	9	>NF2-W41C- MKCKGKDLF	94	85
>NF2-W41C- MKWKGKDLF	55	>NF2-W41C- MKCKGKDLFI	619	564
>NF2-W41C- MKWKGKDLF	332	>NF2-W41C- MKCKGKDLFI	5984	5652
>NF2-W41C- MKWKGKDLF	299	>NF2-W41C- MKCKGKDLF	1135	836
>NF2-W41C- EMKWKGKDI	119	>NF2-W41C- EMKCKGKDL	39	80
>NF2-W41C- EMKWKGKDI	1506	>NF2-W41C- EMKCKGKDLI	351	1155
>NF2-W41C- CEMKWKGKI	247	>NF2-W41C- CEMKCKGKD	146	101
>NF2-W41C- CEMKWKGKI	388	>NF2-W41C- CEMKCKGKD	349	39
>NF2-W41C- CEMKWKGKI	377	>NF2-W41C- CEMKCKGKD	177	200
>NF2-W41C- CEMKWKGKI	51	>NF2-W41C- CEMKCKGKD	73	22
>NF2-W41C- MEFNCENKV	458	>NF2-W41C- MEFNCENKCC	3841	3383
>NF2-W41C- MEFNCENKV	64	>NF2-W41C- MEFNCENKCC	3402	3338
>NF2-W41C- MEFNCENKV	2017	>NF2-W41C- MEFNCENKCC	485	1532
>NF2-W41C- MEFNCENKV	866	>NF2-W41C- MEFNCENKCC	484	382
>NF2-W41C- MEFNCENKV	137	>NF2-W41C- MEFNCENKCC	8875	8738
>NF2-W41C- MEFNCENKV	11	>NF2-W41C- MEFNCENKCC	1532	1521
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>NF2-W41C-MEFNCEMKV	442	>NF2-W41C-MEFNCEMKC	24670	24228
>NF2-W41C-MEFNCEMKV	45	>NF2-W41C-MEFNCEMKC	92	47
>NF2-W41C-MEFNCEMKV	200	>NF2-W41C-MEFNCEMKC	29920	29720
>NF2-W41C-MEFNCEMKV	7	>NF2-W41C-MEFNCEMKC	7430	7423
>NF2-W41C-EMEFNCEMK	135	>NF2-W41C-EMEFNCEMK	222	87
>NF2-W41C-EMEFNCEMK	423	>NF2-W41C-EMEFNCEMK	31180	30757
>NF2-Y221C-YFAIRNKK	288	>NF2-Y221C-CFAIRNKK	909	621
>NF2-Y221C-NYFAIRNKK	327	>NF2-Y221C-NCFAIRNKK	5717	5390
>NF2-Y221C-NYFAIRNK	199	>NF2-Y221C-NCFAIRNK	4288	4089
>NF2-Y221C-NYFAIRNKK	121	>NF2-Y221C-NCFAIRNKK	3194	3073
>NF2-Y221C-NYFAIRNK	145	>NF2-Y221C-NCFAIRNK	751	606
>NF2-Y221C-NYFAIRNKK	40	>NF2-Y221C-NCFAIRNKK	197	157
>NF2-Y221C-NYFAIRNK	97	>NF2-Y221C-NCFAIRNK	1568	1471
>NF2-Y221C-NYFAIRNKK	91	>NF2-Y221C-NCFAIRNKK	1240	1149
>NF2-Y221C-AQDLEMYGV	360	>NF2-Y221C-AQDLEMYGV	13511	13151
>NF2-Y221C-GVNYFAIRNK	49	>NF2-Y221C-GVNCFAIRNK	113	64
>NF2-Y221C-GVNYFAIRNK	125	>NF2-Y221C-GVNCFAIRNK	130	5
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>NF2-Y221C-GVNYFAIRNK	61	>NF2-Y221C-GVNCFAIRNK	93	32
>NF2-Y221C-GVNYFAIRNK	15	>NF2-Y221C-GVNCFAIRNK	14	1
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>NF2-Y221C-GVNYFAIRNK	158	>NF2-Y221C-GVNCFAIRNK	189	31
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>NF2-Y221C-MYGVNYFAI	2033	>NF2-Y221C-MYGVNCFAI	458	1575
>NF2-Y221C-MYGVNYFAI	20	>NF2-Y221C-MYGVNCFAI	28	8
>NF2-Y221C-MYGVNYFAI	60	>NF2-Y221C-MYGVNCFAI	146	86
>NF2-Y221C-MYGVNYFA	329	>NF2-Y221C-MYGVNCFA	1194	865
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>NF2-Y221C-MYGVNYFAIF	74	>NF2-Y221C-MYGVNCFAIF	59	15
>NF2-Y221C-MYGVNYFAIF	126	>NF2-Y221C-MYGVNCFAIF	202	76
>NF2-Y221C-MYGVNYFAIF	29	>NF2-Y221C-MYGVNCFAIF	23	6
>NF2-Y221C-MYGVNYFA	243	>NF2-Y221C-MYGVNCFA	260	17
>NF2-Y221C-MYGVNYFAI	533	>NF2-Y221C-MYGVNCFAI	196	337
>NF2-Y221C-EMYGVNYFA	73	>NF2-Y221C-EMYGVNCFA	901	828
>NF2-Y221C-EMYGVNYFA	174	>NF2-Y221C-EMYGVNCFA	123	51



>NF2-Y221C- EMYGVNYFA	19	>NF2-Y221C- EMYGVNCFA	112	93
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>NF2-Y221C- EMYGVNYFA	223	>NF2-Y221C- EMYGVNCFA	269	46
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>NF2-Y221C- EMYGVNYFA	250	>NF2-Y221C- EMYGVNCFA	251	1
>NF2-Y221C- EMYGVNYF	53	>NF2-Y221C- EMYGVNCF	935	882
>NF2-Y221C- EMYGVNYFA	4	>NF2-Y221C- EMYGVNCFA	5	1
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>NF2-Y221C- EMYGVNYFA	15	>NF2-Y221C- EMYGVNCFA	42	27
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>NF2-Y221C- EMYGVNYFA	34	>NF2-Y221C- EMYGVNCFA	19	15
>NF2-Y221C- EMYGVNYFA	27	>NF2-Y221C- EMYGVNCFA	25	2
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>NF2-Y221C- EMYGVNYF	428	>NF2-Y221C- EMYGVNCF	5015	4587
>NF2-Y221C- EMYGVNYFA	38	>NF2-Y221C- EMYGVNCFA	71	33
>NF2-Y221C- EMYGVNYF	162	>NF2-Y221C- EMYGVNCF	264	102
>NF2-Y221C- EMYGVNYFA	36	>NF2-Y221C- EMYGVNCFA	52	16
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>NF2-Y221C- EMYGVNYFA	4	>NF2-Y221C- EMYGVNCFA	5	1
>NF2-Y221C- EMYGVNYFA	15	>NF2-Y221C- EMYGVNCFA	132	117
>NF2-Y221C- EMYGVNYFA	63	>NF2-Y221C- EMYGVNCFA	42	21
>NF2-Y221C- EMYGVNYFA	36	>NF2-Y221C- EMYGVNCFA	67	31
>NF2-Y221C- EMYGVNYFA	8	>NF2-Y221C- EMYGVNCFA	14	6
>NF2-Y221C- EMYGVNYF	92	>NF2-Y221C- EMYGVNCF	102	10
>NF2-Y221C- EMYGVNYF	104	>NF2-Y221C- EMYGVNCF	128	24
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>NF2-Y221C- EMYGVNYFA	338	>NF2-Y221C- EMYGVNCFA	975	637
>NF2-Y221C- EMYGVNYFA	38	>NF2-Y221C- EMYGVNCFA	35	3
>NF2-Y221C- LEMYGVNY	381	>NF2-Y221C- LEMYGVNC	389	8
>NF2-Y221C- LEMYGVNYF	112	>NF2-Y221C- LEMYGVNCF	84	28
>NF2-Y221C- LEMYGVNYF,	220	>NF2-Y221C- LEMYGVNCF,	106	114
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>NF2-Y221C- LEMYGVNYF,	311	>NF2-Y221C- LEMYGVNCF,	519	208
>NF2-Y221C- LEMYGVNY	134	>NF2-Y221C- LEMYGVNC	15667	15533
>NF2-Y221C- LEMYGVNYF	91	>NF2-Y221C- LEMYGVNCF	115	24
>NF2-Y221C- LEMYGVNY	34	>NF2-Y221C- LEMYGVNC	6737	6703
>NF2-Y221C- LEMYGVNYF	16	>NF2-Y221C- LEMYGVNCF	23	7
>NF2-Y221C- LEMYGVNYF,	287	>NF2-Y221C- LEMYGVNCF,	457	170

>NF2-Y221C- LEMYGVNY	22	>NF2-Y221C- LEMYGVNC	3865	3843
>NF2-Y221C- LEMYGVNYF	24	>NF2-Y221C- LEMYGVNCF	24	0
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>NF2-Y221C- LEMYGVNYF	83	>NF2-Y221C- LEMYGVNCF	259	176
>NF2-Y221C- LEMYGVNYF/	18	>NF2-Y221C- LEMYGVNCF/	30	12
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>NF2-Y221C- LEMYGVNYF/	246	>NF2-Y221C- LEMYGVNCF/	2777	2531
>NF2-Y221C- LEMYGVNYF/	45	>NF2-Y221C- LEMYGVNCF/	44	1
>NF2-Y221C- LEMYGVNY	239	>NF2-Y221C- LEMYGVNC	4603	4364
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>NIN-E1565K ETVKQENAA\	2238	>NIN-E1565K KTVKQENAA\	497	1741
>NIN-E1565K ETVKQENAA\	2961	>NIN-E1565K KTVKQENAA\	472	2489
>NIN-E1565K ETVKQENAA	289	>NIN-E1565K KTVKQENAA	13314	13025
>NIN-E1565K ETVKQENAA\	26	>NIN-E1565K KTVKQENAA\	3176	3150
>NIN-E1565K ETVKQENAA\	62	>NIN-E1565K KTVKQENAA\	5119	5057
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>NIN-E1565K ETVKQENA	62	>NIN-E1565K KTVKQENA	6975	6913
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>NIN-E1565K ETVKQENAA\	58	>NIN-E1565K KTVKQENAA\	2100	2042
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>NIN-E1565K MWQKTETV\	537	>NIN-E1565K MWQKTETV\	495	42
>NIN-E1565K EMWQKTET\	250	>NIN-E1565K EMWQKTET\	2693	2443
>NIN-E1565K EMWQKTET	498	>NIN-E1565K EMWQKTET	1520	1022
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>NIN-E1565K EEMWQKTET	54	>NIN-E1565K EEMWQTKT	165	111
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>NIN-E1565K QEEMWQKTI	37	>NIN-E1565K QEEMWQKTI	14	23
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>NKX2-G92D NLGNMSELPI	6497	>NKX2-G92D NLDNMSELPI	69	6428
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>NKX2-G92D NLGNMSELPI	145	>NKX2-G92D NLDNMSELPI	517	372
>NKX2-G92D NLGNMSELPI	105	>NKX2-G92D NLDNMSELPI	1067	962
>NKX2-G92D NLGNMSELPI	415	>NKX2-G92D NLDNMSELPI	644	229
>NKX2-G92D YCNGNLDNM	140	>NKX2-G92D YCNGNLDNM	127	13
>NKX2-G92D GYCNGNLDN	436	>NKX2-G92D GYCNGNLDN	608	172
>NKX2-G92D GYCNGNLDN	291	>NKX2-G92D GYCNGNLDN	231	60
>NONO-F213 FLLTTFPRPV	10	>NONO-F213 LLLTTFPRPV	27	17
>NONO-F213 FLLTTFPRPVT	173	>NONO-F213 LLLTTFPRPVT	2236	2063

>NONO-F213 FLLTTFPRPV	12	>NONO-F213 LLLTTFPRPV	32	20
>NONO-F213 FLLTTFPRPV	7	>NONO-F213 LLLTTFPRPV	13	6
>NONO-F213 FLLTTFPRPV	15	>NONO-F213 LLLTTFPRPV	27	12
>NONO-F213 FLLTTFPRPVT	99	>NONO-F213 LLLTTFPRPVT	797	698
>NONO-F213 FLLTTFPR	429	>NONO-F213 LLLTTFPR	3104	2675
>NONO-F213 FLLTTFPRP	347	>NONO-F213 LLLTTFPRP	2579	2232
>NONO-F213 FLLTTFPRPV	1	>NONO-F213 LLLTTFPRPV	2	1
>NONO-F213 FLLTTFPRPVT	36	>NONO-F213 LLLTTFPRPVT	301	265
>NONO-F213 FLLTTFPRPV	3	>NONO-F213 LLLTTFPRPV	4	1
>NONO-F213 FLLTTFPRPVT	478	>NONO-F213 LLLTTFPRPVT	3322	2844
>NONO-F213 FLLTTFPRPV	5	>NONO-F213 LLLTTFPRPV	8	3
>NONO-F213 FLLTTFPRPVT	74	>NONO-F213 LLLTTFPRPVT	657	583
>NONO-F213 FLLTTFPRPV	2	>NONO-F213 LLLTTFPRPV	4	2
>NONO-F213 FLLTTFPRPVT	354	>NONO-F213 LLLTTFPRPVT	1441	1087
>NONO-F213 FLLTTFPR	460	>NONO-F213 LLLTTFPR	2851	2391
>NONO-F213 FLLTTFPRP	356	>NONO-F213 LLLTTFPRP	2116	1760
>NONO-F213 FLLTTFPRPV	2	>NONO-F213 LLLTTFPRPV	3	1
>NONO-F213 FLLTTFPRPVT	15	>NONO-F213 LLLTTFPRPVT	52	37
>NONO-F213 FLLTTFPR	858	>NONO-F213 LLLTTFPR	499	359
>NONO-F213 FLLTTFPR	62	>NONO-F213 LLLTTFPR	18	44
>NONO-F213 FLLTTFPR	93	>NONO-F213 LLLTTFPR	146	53
>NONO-F213 FLLTTFPR	84	>NONO-F213 LLLTTFPR	355	271
>NONO-F213 FLLTTFPRPV	17	>NONO-F213 LLLTTFPRPV	139	122
>NONO-F213 FLLTTFPRPV	100	>NONO-F213 LLLTTFPRPV	193	93
>NONO-F213 FLLTTFPR	34	>NONO-F213 LLLTTFPR	46	12
>NONO-F213 SFLLTTFPRPV	4332	>NONO-F213 SLLTTFPRPV	26	4306
>NONO-F213 SFLLTTFPRPV	2539	>NONO-F213 SLLTTFPRPV	155	2384
>NONO-F213 SFLLTTFPRPV	6517	>NONO-F213 SLLTTFPRPV	36	6481
>NONO-F213 SFLLTTFPRPV	1663	>NONO-F213 SLLTTFPRPV	117	1546
>NONO-F213 SFLLTTFPRPV	704	>NONO-F213 SLLTTFPRPV	2	702
>NONO-F213 SFLLTTFPRPV	2143	>NONO-F213 SLLTTFPRPV	6	2137
>NONO-F213 SFLLTTFPRPV	614	>NONO-F213 SLLTTFPRPV	6	608
>NONO-F213 SFLLTTFPRPV	6077	>NONO-F213 SLLTTFPRPV	10	6067
>NONO-F213 SFLLTTFPRPV	5045	>NONO-F213 SLLTTFPRPV	4	5041
>NONO-F213 SFLLTTFPR	333	>NONO-F213 SLLTTFPR	31	302
>NONO-F213 SFLLTTFPR	7	>NONO-F213 SLLTTFPR	9	2
>NONO-F213 SFLLTTFPR	26	>NONO-F213 SLLTTFPR	83	57
>NONO-F213 SFLLTTFPR	325	>NONO-F213 SLLTTFPR	197	128
>NONO-F213 SFLLTTFPRPV	922	>NONO-F213 SLLTTFPRPV	42	880
>NONO-F213 SFLLTTFPR	14	>NONO-F213 SLLTTFPR	23	9
>NONO-F213 SFLLTTFPRPV	268	>NONO-F213 SLLTTFPRPV	15241	14973
>NONO-F213 KALDRCSEGS	84	>NONO-F213 KALDRCSEGS	1767	1683
>NONO-F213 KALDRCSEGS	9	>NONO-F213 KALDRCSEGS	23	14

>NONO-F213KALDRCEGS	265	>NONO-F213KALDRCEGS	5195	4930
>NONO-F213KALDRCEGS	168	>NONO-F213KALDRCEGS	1049	881
>NONO-F213GSFLLTTFPR	40	>NONO-F213GSLLLTTFPR	51	11
>NONO-F213GSFLLTTFPR	17	>NONO-F213GSLLLTTFPR	23	6
>NONO-F213GSFLLTTF	27	>NONO-F213GSLLLTTF	80	53
>NONO-F213GSFLLTTFPR	218	>NONO-F213GSLLLTTFPR	295	77
>NONO-F213GSFLLTTFPR	22	>NONO-F213GSLLLTTFPR	125	103
>NONO-F213GSFLLTTF	186	>NONO-F213GSLLLTTF	1941	1755
>NONO-F213GSFLLTTF	45	>NONO-F213GSLLLTTF	240	195
>NONO-F213GSFLLTTF	5	>NONO-F213GSLLLTTF	6	1
>NONO-F213GSFLLTTF	268	>NONO-F213GSLLLTTF	407	139
>NONO-F213GSFLLTTFPR	87	>NONO-F213GSLLLTTFPR	143	56
>NONO-F213GSFLLTTFPR	131	>NONO-F213GSLLLTTFPR	250	119
>NONO-F213EGSFLLTTFPR	18	>NONO-F213EGSLLLTTFPR	54	36
>NONO-F213EGSFLLTTF	420	>NONO-F213EGSLLLTTF	469	49
>NONO-F213EGSFLLTTF	274	>NONO-F213EGSLLLTTF	811	537
>NONO-F213EGSFLLTTFPR	154	>NONO-F213EGSLLLTTFPR	153	1
>NONO-F213SEGSFLLTTF	290	>NONO-F213SEGSLLLTTF	752	462
>NONO-F213SEGSFLLT	489	>NONO-F213SEGSLLLT	646	157
>NONO-F213SEGSFLLT	234	>NONO-F213SEGSLLLT	264	30
>NONO-F213SEGSFLLTTF	390	>NONO-F213SEGSLLLTTF	380	10
>NONO-F213SEGSFLLTTF	40	>NONO-F213SEGSLLLTTF	45	5
>NONO-F213SEGSFLLTTF	27	>NONO-F213SEGSLLLTTF	40	13
>NONO-F213SEGSFLLT	33	>NONO-F213SEGSLLLT	112	79
>NONO-F213SEGSFLLT	29	>NONO-F213SEGSLLLT	71	42
>NONO-F213SEGSFLLTTF	154	>NONO-F213SEGSLLLTTF	288	134
>NONO-F213SEGSFLLT	437	>NONO-F213SEGSLLLT	541	104
>NONO-F213SEGSFLLTTF	342	>NONO-F213SEGSLLLTTF	281	61
>NONO-F213CSEGSFLL	540	>NONO-F213CSEGSLLL	267	273
>NONO-F213CSEGSFLLTTF	15	>NONO-F213CSEGSLLLTTF	10	5
>NONO-F213CSEGSFLL	90	>NONO-F213CSEGSLLL	386	296
>NONO-F213CSEGSFLLTTF	350	>NONO-F213CSEGSLLLTTF	774	424
>NONO-F213CSEGSFLL	614	>NONO-F213CSEGSLLL	447	167
>NONO-F213CSEGSFLLTTF	75	>NONO-F213CSEGSLLLTTF	98	23
>NONO-F213CSEGSFLL	152	>NONO-F213CSEGSLLL	231	79
>NONO-F213RCSEGSFLL	332	>NONO-F213RCSEGSLLL	2622	2290
>NONO-F213LDRCEGSF	418	>NONO-F213LDRCEGS	4547	4129
>NONO-F213LDRCEGSFLI	377	>NONO-F213LDRCEGSLLI	784	407
>NONO-F213ALDRCEGSF	146	>NONO-F213ALDRCEGS	248	102
>NONO-F213ALDRCEGSF	10667	>NONO-F213ALDRCEGS	102	10565
>NONO-F213ALDRCEGSF	15	>NONO-F213ALDRCEGS	26	11
>NONO-F213ALDRCEGSF	14899	>NONO-F213ALDRCEGS	415	14484
>NONO-F213ALDRCEGSF	327	>NONO-F213ALDRCEGS	960	633

>NONO-F213ALDRCEGSF	5023	>NONO-F213ALDRCEGSL	65	4958
>NONO-F213ALDRCEGSF	20	>NONO-F213ALDRCEGSL	52	32
>NONO-F213ALDRCEGSF	10730	>NONO-F213ALDRCEGSL	63	10667
>NONO-F213ALDRCEGSF	14	>NONO-F213ALDRCEGSL	48	34
>NONO-F213ALDRCEGSF	16976	>NONO-F213ALDRCEGSL	144	16832
>NONO-F213ALDRCEGSF	21	>NONO-F213ALDRCEGSL	63	42
>NONO-F213ALDRCEGSF	15933	>NONO-F213ALDRCEGSL	460	15473
>NONO-F213ALDRCEGSF	76	>NONO-F213ALDRCEGSL	401	325
>NONO-F213ALDRCEGSF	6462	>NONO-F213ALDRCEGSL	23	6439
>NONO-F213ALDRCEGSF	12	>NONO-F213ALDRCEGSL	14	2
>NOTCH1-A1AHGQQMIFP	161	>NOTCH1-A1THGQQMIFP	95	66
>NOTCH1-A1AHGQQMIFP	136	>NOTCH1-A1THGQQMIFP	220	84
>NOTCH1-A1AHGQQMIFP	251	>NOTCH1-A1THGQQMIFP	207	44
>NOTCH1-A1AHGQQMIFP	251	>NOTCH1-A1THGQQMIFP	190	61
>NOTCH1-A1AHGQQMIF	261	>NOTCH1-A1THGQQMIF	985	724
>NOTCH1-A1DAHGQQMIF	10558	>NOTCH1-A1DTHGQQMIF	493	10065
>NOTCH1-A1DAHGQQMIF	6288	>NOTCH1-A1DTHGQQMIF	156	6132
>NOTCH1-A1DAHGQQMIF	468	>NOTCH1-A1DTHGQQMIF	14	454
>NOTCH1-A1DAHGQQMIF	3818	>NOTCH1-A1DTHGQQMIF	48	3770
>NOTCH1-A1DAHGQQMIF	194	>NOTCH1-A1DTHGQQMIF	8	186
>NOTCH1-A1DAHGQQMIF	872	>NOTCH1-A1DTHGQQMIF	22	850
>NOTCH1-A1DAHGQQMIF	452	>NOTCH1-A1DTHGQQMIF	83	369
>NOTCH1-A1DAHGQQMIF	941	>NOTCH1-A1DTHGQQMIF	226	715
>NOTCH1-A1DAHGQQMI	2361	>NOTCH1-A1DTHGQQMI	230	2131
>NOTCH1-A1DAHGQQMIF	1326	>NOTCH1-A1DTHGQQMIF	83	1243
>NOTCH1-A1DAHGQQMIF	45	>NOTCH1-A1DTHGQQMIF	537	492
>NOTCH1-A1RDAHGQQM	148	>NOTCH1-A1RDTHGQQMI	307	159
>NOTCH1-A1RDAHGQQM	269	>NOTCH1-A1RDTHGQQMI	544	275
>NOTCH1-A1RDAHGQQM	325	>NOTCH1-A1RDTHGQQMI	849	524
>NOTCH1-A1RDAHGQQM	133	>NOTCH1-A1RDTHGQQMI	90	43
>NOTCH1-A1KRDAHGQQM	135	>NOTCH1-A1KRDTHGQQM	131	4
>NOTCH1-A1KRDAHGQQM	146	>NOTCH1-A1KRDTHGQQM	207	61
>NOTCH1-A1KRDAHGQQM	135	>NOTCH1-A1KRDTHGQQM	144	9
>NOTCH1-A1KRDAHGQQM	375	>NOTCH1-A1KRDTHGQQM	311	64
>NOTCH1-A1KRDAHGQQM	230	>NOTCH1-A1KRDTHGQQM	221	9
>NOTCH1-A1FKRDAHGQQ	17	>NOTCH1-A1FKRDTHGQQ	11	6
>NOTCH1-A1FKRDAHGQQ	43	>NOTCH1-A1FKRDTHGQQ	26	17
>NOTCH1-A1AAEGWAAPC	232	>NOTCH1-A1SAEGWAAPD	180	52
>NOTCH1-A1RAAEGWAA	25	>NOTCH1-A1RSAEGWAA	118	93
>NOTCH1-A1RAAEGWAAP	336	>NOTCH1-A1RSAEGWAAP	1059	723
>NOTCH1-A1EELRKHPIKRS	33	>NOTCH1-A1EELRKHPIKRS	598	565
>NOTCH1-A1IKRAAEGW	357	>NOTCH1-A1IKRSAEGW	137	220
>NOTCH1-A1IKRAAEGWA	213	>NOTCH1-A1IKRSAEGWA	120	93

>NOTCH1-A1 IKRAAEGW	354	>NOTCH1-A1 IKRSAEGW	515	161
>NOTCH1-A1 HPIKRAAEGV	249	>NOTCH1-A1 HPIKRSAEGW	265	16
>NOTCH1-A1 HPIKRAAEGV	185	>NOTCH1-A1 HPIKRSAEGW	166	19
>NOTCH1-A1 HPIKRAAEGV	43	>NOTCH1-A1 HPIKRSAEGW	41	2
>NOTCH1-A1 HPIKRAAEGV	314	>NOTCH1-A1 HPIKRSAEGW	303	11
>NOTCH1-A1 KHPIKRAAEG	126	>NOTCH1-A1 KHPIKRSAEG'	169	43
>NOTCH1-A1 RKHPIKRAA	452	>NOTCH1-A1 RKHPIKRSA	616	164
>NOTCH1-A1 ELRKHPIKRA/	162	>NOTCH1-A1 ELRKHPIKRSA/	154	8
>NOTCH1-A1 KASLLPGGSE	15453	>NOTCH1-A1 KTSLLPGGSE	430	15023
>NOTCH1-A1 QVKASLLPG	78	>NOTCH1-A1 QVKTSLLPG	126	48
>NOTCH1-A1 GQVKASLL	119	>NOTCH1-A1 GQVKTSL	121	2
>NOTCH1-A1 GQVKASLLPG	387	>NOTCH1-A1 GQVKTSLPG	571	184
>NOTCH1-A1 GQVKASLL	410	>NOTCH1-A1 GQVKTSL	219	191
>NOTCH1-A1 GQVKASLL	151	>NOTCH1-A1 GQVKTSL	209	58
>NOTCH1-A1 LGQVKASLL	324	>NOTCH1-A1 LGQVKTSL	894	570
>NOTCH1-A1 LLGQVKASL	140	>NOTCH1-A1 LLGQVKTSL	131	9
>NOTCH1-A1 LLGQVKASLL	77	>NOTCH1-A1 LLGQVKTSL	52	25
>NOTCH1-A1 LLGQVKASLL	359	>NOTCH1-A1 LLGQVKTSL	123	236
>NOTCH1-A1 LLGQVKASL	9	>NOTCH1-A1 LLGQVKTSL	20	11
>NOTCH1-A1 LLGQVKASLL	36	>NOTCH1-A1 LLGQVKTSL	37	1
>NOTCH1-A1 LLGQVKASL	124	>NOTCH1-A1 LLGQVKTSL	698	574
>NOTCH1-A1 LLGQVKASLL	314	>NOTCH1-A1 LLGQVKTSL	320	6
>NOTCH1-A1 LLGQVKASL	58	>NOTCH1-A1 LLGQVKTSL	61	3
>NOTCH1-A1 LLGQVKASLL	118	>NOTCH1-A1 LLGQVKTSL	87	31
>NOTCH1-A1 LLGQVKASL	146	>NOTCH1-A1 LLGQVKTSL	1029	883
>NOTCH1-A1 LLGQVKASLL	510	>NOTCH1-A1 LLGQVKTSL	412	98
>NOTCH1-A1 LLGQVKASL	3	>NOTCH1-A1 LLGQVKTSL	4	1
>NOTCH1-A1 LLGQVKASLL	6	>NOTCH1-A1 LLGQVKTSL	5	1
>NOTCH1-A1 ALLGQVKA	247	>NOTCH1-A1 ALLGQVKT	2221	1974
>NOTCH1-A1 ALLGQVKASL	131	>NOTCH1-A1 ALLGQVKTSL	143	12
>NOTCH1-A1 ALLGQVKASL	163	>NOTCH1-A1 ALLGQVKTSL	82	81
>NOTCH1-A1 ALLGQVKA	306	>NOTCH1-A1 ALLGQVKT	2424	2118
>NOTCH1-A1 ALLGQVKASL	56	>NOTCH1-A1 ALLGQVKTSL	61	5
>NOTCH1-A1 ALLGQVKASL	54	>NOTCH1-A1 ALLGQVKTSL	35	19
>NOTCH1-A1 ALLGQVKA	300	>NOTCH1-A1 ALLGQVKT	3392	3092
>NOTCH1-A1 ALLGQVKASL	65	>NOTCH1-A1 ALLGQVKTSL	77	12
>NOTCH1-A1 ALLGQVKASL	100	>NOTCH1-A1 ALLGQVKTSL	61	39
>NOTCH1-A1 ALLGQVKASL	435	>NOTCH1-A1 ALLGQVKTSL	392	43
>NOTCH1-A1 ALLGQVKA	13	>NOTCH1-A1 ALLGQVKT	79	66
>NOTCH1-A1 ALLGQVKAS	411	>NOTCH1-A1 ALLGQVKTS	273	138
>NOTCH1-A1 ALLGQVKASL	4	>NOTCH1-A1 ALLGQVKTSL	5	1
>NOTCH1-A1 ALLGQVKASL	10	>NOTCH1-A1 ALLGQVKTSL	8	2
>NOTCH1-A1 ALLGQVKA	239	>NOTCH1-A1 ALLGQVKT	3787	3548

>NOTCH1-A1 ALLGQVKASL	23	>NOTCH1-A1 ALLGQVKTSL	54	31
>NOTCH1-A1 ALLGQVKASL	49	>NOTCH1-A1 ALLGQVKTSL	30	19
>NOTCH1-A1 ALLGQVKA	16	>NOTCH1-A1 ALLGQVKT	174	158
>NOTCH1-A1 ALLGQVKASL	14	>NOTCH1-A1 ALLGQVKTSL	13	1
>NOTCH1-A1 ALLGQVKASL	19	>NOTCH1-A1 ALLGQVKTSL	13	6
>NOTCH1-A1 ALLGQVKA	128	>NOTCH1-A1 ALLGQVKT	1187	1059
>NOTCH1-A1 ALLGQVKASL	22	>NOTCH1-A1 ALLGQVKTSL	43	21
>NOTCH1-A1 ALLGQVKASL	42	>NOTCH1-A1 ALLGQVKTSL	20	22
>NOTCH1-A1 ALLGQVKA	4	>NOTCH1-A1 ALLGQVKT	14	10
>NOTCH1-A1 ALLGQVKAS	1033	>NOTCH1-A1 ALLGQVKTS	232	801
>NOTCH1-A1 ALLGQVKASL	2	>NOTCH1-A1 ALLGQVKTSL	2	0
>NOTCH1-A1 ALLGQVKASL	4	>NOTCH1-A1 ALLGQVKTSL	3	1
>NOTCH1-A1 ALLGQVKASL	184	>NOTCH1-A1 ALLGQVKTSL	108	76
>NOTCH1-A1 ATDVA AFL	173	>NOTCH1-A1 DTDVA AFL	11318	11145
>NOTCH1-A1 ATDVA AFLG/	296	>NOTCH1-A1 DTDVA AFLG/	11661	11365
>NOTCH1-A1 ATDVA AFL	675	>NOTCH1-A1 DTDVA AFL	26	649
>NOTCH1-A1 ATDVA AFLG/	1155	>NOTCH1-A1 DTDVA AFLG/	48	1107
>NOTCH1-A1 ATDVA AFLG/	567	>NOTCH1-A1 DTDVA AFLG/	36	531
>NOTCH1-A1 ATDVA AFL	14	>NOTCH1-A1 DTDVA AFL	1346	1332
>NOTCH1-A1 ATDVA AFLG/	41	>NOTCH1-A1 DTDVA AFLG/	3777	3736
>NOTCH1-A1 ATDVA AFL	160	>NOTCH1-A1 DTDVA AFL	13613	13453
>NOTCH1-A1 ATDVA AFLG/	367	>NOTCH1-A1 DTDVA AFLG/	5100	4733
>NOTCH1-A1 SATDVA AFL	9546	>NOTCH1-A1 SDTDVA AFL	247	9299
>NOTCH1-A1 SATDVA AFL	145	>NOTCH1-A1 SDTDVA AFL	3354	3209
>NOTCH1-A1 SATDVA AFL	47	>NOTCH1-A1 SDTDVA AFL	4220	4173
>NOTCH1-A1 SATDVA AFLG	83	>NOTCH1-A1 SDTDVA AFLG	6619	6536
>NOTCH1-A1 SATDVA AFL	450	>NOTCH1-A1 SDTDVA AFL	9827	9377
>NOTCH1-A1 SATDVA AFL	418	>NOTCH1-A1 SDTDVA AFL	16863	16445
>NOTCH1-A1 SATDVA AFL	24	>NOTCH1-A1 SDTDVA AFL	3106	3082
>NOTCH1-A1 SATDVA AFLG	226	>NOTCH1-A1 SDTDVA AFLG	9858	9632
>NOTCH1-A1 SATDVA AFL	267	>NOTCH1-A1 SDTDVA AFL	10713	10446
>NOTCH1-A1 SATDVA AF	390	>NOTCH1-A1 SDTDVA AF	3700	3310
>NOTCH1-A1 SATDVA AF	79	>NOTCH1-A1 SDTDVA AF	18119	18040
>NOTCH1-A1 SATDVA AFL	359	>NOTCH1-A1 SDTDVA AFL	24188	23829
>NOTCH1-A1 SATDVA AF	60	>NOTCH1-A1 SDTDVA AF	2772	2712
>NOTCH1-A1 SATDVA AF	443	>NOTCH1-A1 SDTDVA AF	13124	12681
>NOTCH1-A1 SATDVA AFL	19	>NOTCH1-A1 SDTDVA AFL	6720	6701
>NOTCH1-A1 SATDVA AFL	412	>NOTCH1-A1 SDTDVA AFL	2166	1754
>NOTCH1-A1 SATDVA AFL	459	>NOTCH1-A1 SDTDVA AFL	7727	7268
>NOTCH1-A1 SATDVA AFL	28211	>NOTCH1-A1 SDTDVA AFL	112	28099
>NOTCH1-A1 VQASSQCFQ!	272	>NOTCH1-A1 VQASSQCFQ!	19950	19678
>NOTCH1-A1 VQASSQCFQ!	42	>NOTCH1-A1 VQASSQCFQ!	9485	9443
>NOTCH1-A1 VQASSQCFQ!	242	>NOTCH1-A1 VQASSQCFQ!	6998	6756



>NOTCH1-A1 VQASSQCFQ!	65	>NOTCH1-A1 VQASSQCFQ!	2629	2564
>NOTCH1-A1 QSATDVAAF	6	>NOTCH1-A1 QSATDVAAF	940	934
>NOTCH1-A1 QSATDVAAFI	105	>NOTCH1-A1 QSATDVAAFI	8297	8192
>NOTCH1-A1 QSATDVAA	288	>NOTCH1-A1 QSATDVAA	9819	9531
>NOTCH1-A1 QSATDVAAFI	277	>NOTCH1-A1 QSATDVAAFI	2607	2330
>NOTCH1-A1 QSATDVAAF	138	>NOTCH1-A1 QSATDVAAF	4794	4656
>NOTCH1-A1 QSATDVAAF	20	>NOTCH1-A1 QSATDVAAF	502	482
>NOTCH1-A1 QSATDVAAF	17	>NOTCH1-A1 QSATDVAAF	74	57
>NOTCH1-A1 QSATDVAAFI	67	>NOTCH1-A1 QSATDVAAFI	202	135
>NOTCH1-A1 QSATDVAAF	102	>NOTCH1-A1 QSATDVAAF	320	218
>NOTCH1-A1 QSATDVAAF	273	>NOTCH1-A1 QSATDVAAF	2136	1863
>NOTCH1-A1 QSATDVAAFI	102	>NOTCH1-A1 QSATDVAAFI	477	375
>NOTCH1-A1 QSATDVAAFI	458	>NOTCH1-A1 QSATDVAAFI	3210	2752
>NOTCH1-A1 QSATDVAAFI	126	>NOTCH1-A1 QSATDVAAFI	404	278
>NOTCH1-A1 FQSATDVAA	570	>NOTCH1-A1 FQSATDVAA	192	378
>NOTCH1-A1 FQSATDVAAFI	45	>NOTCH1-A1 FQSATDVAAFI	25	20
>NOTCH1-A1 FQSATDVAA	91	>NOTCH1-A1 FQSATDVAA	86	5
>NOTCH1-A1 FQSATDVAA	69	>NOTCH1-A1 FQSATDVAA	57	12
>NOTCH1-A1 FQSATDVAAFI	4	>NOTCH1-A1 FQSATDVAAFI	4	0
>NOTCH1-A1 FQSATDVAA	217	>NOTCH1-A1 FQSATDVAA	177	40
>NOTCH1-A1 FQSATDVAA	225	>NOTCH1-A1 FQSATDVAA	156	69
>NOTCH1-A1 FQSATDVAAFI	52	>NOTCH1-A1 FQSATDVAAFI	44	8
>NOTCH1-A1 FQSATDVAA	19	>NOTCH1-A1 FQSATDVAA	16	3
>NOTCH1-A1 FQSATDVAA	8	>NOTCH1-A1 FQSATDVAA	6	2
>NOTCH1-A1 FQSATDVAAFI	4	>NOTCH1-A1 FQSATDVAAFI	3	1
>NOTCH1-A1 FQSATDVAAFI	165	>NOTCH1-A1 FQSATDVAAFI	63	102
>NOTCH1-A1 FQSATDVAA	1000	>NOTCH1-A1 FQSATDVAA	192	808
>NOTCH1-A1 FQSATDVAAFI	85	>NOTCH1-A1 FQSATDVAAFI	26	59
>NOTCH1-A1 FQSATDVAAFI	202	>NOTCH1-A1 FQSATDVAAFI	86	116
>NOTCH1-A1 FQSATDVAAFI	932	>NOTCH1-A1 FQSATDVAAFI	301	631
>NOTCH1-A1 FQSATDVAAFI	1395	>NOTCH1-A1 FQSATDVAAFI	153	1242
>NOTCH1-A1 FQSATDVAA	268	>NOTCH1-A1 FQSATDVAA	475	207
>NOTCH1-A1 FQSATDVAA	118	>NOTCH1-A1 FQSATDVAA	163	45
>NOTCH1-A1 FQSATDVAAFI	28	>NOTCH1-A1 FQSATDVAAFI	28	0
>NOTCH1-A1 FQSATDVAAFI	145	>NOTCH1-A1 FQSATDVAAFI	187	42
>NOTCH1-A1 FQSATDVAAFI	52	>NOTCH1-A1 FQSATDVAAFI	96	44
>NOTCH1-A1 FQSATDVAA	54	>NOTCH1-A1 FQSATDVAA	116	62
>NOTCH1-A1 FQSATDVAAFI	2	>NOTCH1-A1 FQSATDVAAFI	2	0
>NOTCH1-A1 FQSATDVAAFI	42	>NOTCH1-A1 FQSATDVAAFI	73	31
>NOTCH1-A1 FQSATDVAAFI	24	>NOTCH1-A1 FQSATDVAAFI	43	19
>NOTCH1-A1 FQSATDVAAFI	11	>NOTCH1-A1 FQSATDVAAFI	16	5
>NOTCH1-A1 FQSATDVAAFI	465	>NOTCH1-A1 FQSATDVAAFI	539	74
>NOTCH1-A1 FQSATDVAAFI	2719	>NOTCH1-A1 FQSATDVAAFI	458	2261

>NOTCH1-A1 FQSATDVAAI	418	>NOTCH1-A1 FQSDTDVAAI	810	392
>NOTCH1-A1 CFQSATDVA/	63	>NOTCH1-A1 CFQSDTDVA/	104	41
>NOTCH1-A1 CFQSATDVA/	5	>NOTCH1-A1 CFQSDTDVA/	6	1
>NOTCH1-A1 SQCFQSATD\	474	>NOTCH1-A1 SQCFQSDTD\	1178	704
>NOTCH1-A1 SSQCFQSAT	449	>NOTCH1-A1 SSQCFQSDT	1430	981
>NOTCH1-A1 SSQCFQSATE	434	>NOTCH1-A1 SSQCFQSDTE	1058	624
>NOTCH1-A1 AAFLGALASL	439	>NOTCH1-A1 PAFLGALASL	5848	5409
>NOTCH1-A1 AAFLGALASL	108	>NOTCH1-A1 PAFLGALASL	1320	1212
>NOTCH1-A1 AAFLGALASL	132	>NOTCH1-A1 PAFLGALASL	1893	1761
>NOTCH1-A1 AAFLGALASL	498	>NOTCH1-A1 PAFLGALASL	10219	9721
>NOTCH1-A1 AAFLGALASL	380	>NOTCH1-A1 PAFLGALASL	5335	4955
>NOTCH1-A1 AAFLGALASL	7	>NOTCH1-A1 PAFLGALASL	1058	1051
>NOTCH1-A1 VAAFLGALAS	174	>NOTCH1-A1 VPAFLGALAS	7570	7396
>NOTCH1-A1 VAAFLGALAS	493	>NOTCH1-A1 VPAFLGALAS	9523	9030
>NOTCH1-A1 VAAFLGAL	815	>NOTCH1-A1 VPAFLGAL	15	800
>NOTCH1-A1 VAAFLGALAS	857	>NOTCH1-A1 VPAFLGALAS	25	832
>NOTCH1-A1 VAAFLGALAS	68	>NOTCH1-A1 VPAFLGALAS	12729	12661
>NOTCH1-A1 VAAFLGAL	1432	>NOTCH1-A1 VPAFLGAL	193	1239
>NOTCH1-A1 VAAFLGALAS	2576	>NOTCH1-A1 VPAFLGALAS	440	2136
>NOTCH1-A1 VAAFLGALA	3401	>NOTCH1-A1 VPAFLGALA	19	3382
>NOTCH1-A1 VAAFLGALAS	164	>NOTCH1-A1 VPAFLGALAS	2810	2646
>NOTCH1-A1 VAAFLGAL	12154	>NOTCH1-A1 VPAFLGAL	364	11790
>NOTCH1-A1 SQCFQSATD\	474	>NOTCH1-A1 SQCFQSATD\	3301	2827
>NOTCH1-A1 DVAAFLGAL	300	>NOTCH1-A1 DVPAFLGAL	312	12
>NOTCH1-A1 DVAAFLGAL	37	>NOTCH1-A1 DVPAFLGAL	241	204
>NOTCH1-A1 DVAAFLGAL	17	>NOTCH1-A1 DVPAFLGAL	44	27
>NOTCH1-A1 DVAAFLGA	23	>NOTCH1-A1 DVPAFLGA	89	66
>NOTCH1-A1 DVAAFLGAL	18	>NOTCH1-A1 DVPAFLGAL	58	40
>NOTCH1-A1 DVAAFLGALA	59	>NOTCH1-A1 DVPAFLGALA	104	45
>NOTCH1-A1 DVAAFLGA	61	>NOTCH1-A1 DVPAFLGA	1464	1403
>NOTCH1-A1 DVAAFLGAL	33	>NOTCH1-A1 DVPAFLGAL	442	409
>NOTCH1-A1 DVAAFLGALA	188	>NOTCH1-A1 DVPAFLGALA	3015	2827
>NOTCH1-A1 TDVAAFLGAL	272	>NOTCH1-A1 TDVPAFLGAL	230	42
>NOTCH1-A1 ATDVAAFL	173	>NOTCH1-A1 ATDVPAFL	725	552
>NOTCH1-A1 ATDVAAFLG/	508	>NOTCH1-A1 ATDVPAFLG/	489	19
>NOTCH1-A1 ATDVAAFLG/	296	>NOTCH1-A1 ATDVPAFLG/	557	261
>NOTCH1-A1 ATDVAAFL	1175	>NOTCH1-A1 ATDVPAFL	430	745
>NOTCH1-A1 ATDVAAFLG/	567	>NOTCH1-A1 ATDVPAFLG/	339	228
>NOTCH1-A1 ATDVAAFL	14	>NOTCH1-A1 ATDVPAFL	20	6
>NOTCH1-A1 ATDVAAFLG/	41	>NOTCH1-A1 ATDVPAFLG/	40	1
>NOTCH1-A1 ATDVAAFL	160	>NOTCH1-A1 ATDVPAFL	165	5
>NOTCH1-A1 ATDVAAFLG/	367	>NOTCH1-A1 ATDVPAFLG/	384	17
>NOTCH1-A1 SATDVAAFL	145	>NOTCH1-A1 SATDVPAFL	201	56

>NOTCH1-A1SATDVA AFL	47	>NOTCH1-A1SATDVPAFL	364	317
>NOTCH1-A1SATDVA AFLG	83	>NOTCH1-A1SATDVPAFLG	199	116
>NOTCH1-A1SATDVA AFL	536	>NOTCH1-A1SATDVPAFL	176	360
>NOTCH1-A1SATDVA AFL	450	>NOTCH1-A1SATDVPAFL	373	77
>NOTCH1-A1SATDVA AFL	418	>NOTCH1-A1SATDVPAFL	722	304
>NOTCH1-A1SATDVA AFL	24	>NOTCH1-A1SATDVPAFL	27	3
>NOTCH1-A1SATDVA AFLG	226	>NOTCH1-A1SATDVPAFLG	251	25
>NOTCH1-A1SATDVA AFL	267	>NOTCH1-A1SATDVPAFL	558	291
>NOTCH1-A1SATDVA AF	390	>NOTCH1-A1SATDVPAF	330	60
>NOTCH1-A1SATDVA AF	79	>NOTCH1-A1SATDVPAF	232	153
>NOTCH1-A1SATDVA AFL	359	>NOTCH1-A1SATDVPAFL	1337	978
>NOTCH1-A1SATDVA AF	60	>NOTCH1-A1SATDVPAF	66	6
>NOTCH1-A1SATDVA AF	443	>NOTCH1-A1SATDVPAF	886	443
>NOTCH1-A1SATDVA AFL	19	>NOTCH1-A1SATDVPAFL	58	39
>NOTCH1-A1SATDVA AFL	412	>NOTCH1-A1SATDVPAFL	1347	935
>NOTCH1-A1SATDVA AFL	459	>NOTCH1-A1SATDVPAFL	652	193
>NOTCH1-A1QSATDVA AF	6	>NOTCH1-A1QSATDVPAF	7	1
>NOTCH1-A1QSATDVA AFL	105	>NOTCH1-A1QSATDVPAFL	122	17
>NOTCH1-A1QSATDVAA	288	>NOTCH1-A1QSATDVPA	150	138
>NOTCH1-A1QSATDVA AFL	277	>NOTCH1-A1QSATDVPAFL	2704	2427
>NOTCH1-A1QSATDVA AF	138	>NOTCH1-A1QSATDVPAF	291	153
>NOTCH1-A1QSATDVA AF	20	>NOTCH1-A1QSATDVPAF	19	1
>NOTCH1-A1QSATDVA AF	17	>NOTCH1-A1QSATDVPAF	37	20
>NOTCH1-A1QSATDVA AFL	67	>NOTCH1-A1QSATDVPAFL	187	120
>NOTCH1-A1QSATDVA AF	102	>NOTCH1-A1QSATDVPAF	106	4
>NOTCH1-A1QSATDVA AF	273	>NOTCH1-A1QSATDVPAF	285	12
>NOTCH1-A1QSATDVA AFL	102	>NOTCH1-A1QSATDVPAFL	222	120
>NOTCH1-A1QSATDVA AFL	458	>NOTCH1-A1QSATDVPAFL	121	337
>NOTCH1-A1QSATDVA AFL	126	>NOTCH1-A1QSATDVPAFL	77	49
>NOTCH1-A1FQSATDVAA	570	>NOTCH1-A1FQSATDVPA	179	391
>NOTCH1-A1FQSATDVA AF	45	>NOTCH1-A1FQSATDVPAF	34	11
>NOTCH1-A1FQSATDVA	91	>NOTCH1-A1FQSATDVP	5163	5072
>NOTCH1-A1FQSATDVAA	69	>NOTCH1-A1FQSATDVPA	49	20
>NOTCH1-A1FQSATDVA AF	4	>NOTCH1-A1FQSATDVPAF	4	0
>NOTCH1-A1FQSATDVA	217	>NOTCH1-A1FQSATDVP	14565	14348
>NOTCH1-A1FQSATDVAA	225	>NOTCH1-A1FQSATDVPA	127	98
>NOTCH1-A1FQSATDVA AF	52	>NOTCH1-A1FQSATDVPAF	37	15
>NOTCH1-A1FQSATDVA	19	>NOTCH1-A1FQSATDVP	1607	1588
>NOTCH1-A1FQSATDVAA	8	>NOTCH1-A1FQSATDVPA	7	1
>NOTCH1-A1FQSATDVA AF	4	>NOTCH1-A1FQSATDVPAF	5	1
>NOTCH1-A1FQSATDVA AF	165	>NOTCH1-A1FQSATDVPAF	112	53
>NOTCH1-A1FQSATDVA AF	85	>NOTCH1-A1FQSATDVPAF	74	11
>NOTCH1-A1FQSATDVA AF	202	>NOTCH1-A1FQSATDVPAF	169	33

>NOTCH1-A1 FQSATDVA	268	>NOTCH1-A1 FQSATDVP	2135	1867
>NOTCH1-A1 FQSATDVAA	118	>NOTCH1-A1 FQSATDVPA	93	25
>NOTCH1-A1 FQSATDVAAF	28	>NOTCH1-A1 FQSATDVPAF	31	3
>NOTCH1-A1 FQSATDVAAF	145	>NOTCH1-A1 FQSATDVPAF	207	62
>NOTCH1-A1 FQSATDVAAF	52	>NOTCH1-A1 FQSATDVPAF	93	41
>NOTCH1-A1 FQSATDVAA	54	>NOTCH1-A1 FQSATDVPA	63	9
>NOTCH1-A1 FQSATDVAAF	2	>NOTCH1-A1 FQSATDVPAF	2	0
>NOTCH1-A1 FQSATDVAAF	42	>NOTCH1-A1 FQSATDVPAF	37	5
>NOTCH1-A1 FQSATDVAAF	24	>NOTCH1-A1 FQSATDVPAF	34	10
>NOTCH1-A1 FQSATDVAAF	11	>NOTCH1-A1 FQSATDVPAF	12	1
>NOTCH1-A1 FQSATDVAAF	465	>NOTCH1-A1 FQSATDVPAF	978	513
>NOTCH1-A1 FQSATDVAAF	418	>NOTCH1-A1 FQSATDVPAF	334	84
>NOTCH1-A1 CFQSATDVA/	63	>NOTCH1-A1 CFQSATDVP/	68	5
>NOTCH1-A1 CFQSATDVA/	5	>NOTCH1-A1 CFQSATDVP/	5	0
>NOTCH1-A1 AAFLGALASL	439	>NOTCH1-A1 VAFLGALASL	593	154
>NOTCH1-A1 AAFLGALASL	108	>NOTCH1-A1 VAFLGALASL	202	94
>NOTCH1-A1 AAFLGALASL	132	>NOTCH1-A1 VAFLGALASL	297	165
>NOTCH1-A1 AAFLGALASL	498	>NOTCH1-A1 VAFLGALASL	707	209
>NOTCH1-A1 AAFLGALASL	380	>NOTCH1-A1 VAFLGALASL	538	158
>NOTCH1-A1 AAFLGALASL	7	>NOTCH1-A1 VAFLGALASL	9	2
>NOTCH1-A1 VAAFLGAL	700	>NOTCH1-A1 VVAFLGAL	172	528
>NOTCH1-A1 VAAFLGALA	1608	>NOTCH1-A1 VVAFLGALA	327	1281
>NOTCH1-A1 VAAFLGALAS	174	>NOTCH1-A1 VVAFLGALAS	40	134
>NOTCH1-A1 VAAFLGAL	1353	>NOTCH1-A1 VVAFLGAL	176	1177
>NOTCH1-A1 VAAFLGALA	1458	>NOTCH1-A1 VVAFLGALA	158	1300
>NOTCH1-A1 VAAFLGALAS	578	>NOTCH1-A1 VVAFLGALAS	63	515
>NOTCH1-A1 VAAFLGAL	1664	>NOTCH1-A1 VVAFLGAL	348	1316
>NOTCH1-A1 VAAFLGALAS	493	>NOTCH1-A1 VVAFLGALAS	146	347
>NOTCH1-A1 VAAFLGALAS	2800	>NOTCH1-A1 VVAFLGALAS	229	2571
>NOTCH1-A1 VAAFLGAL	1111	>NOTCH1-A1 VVAFLGAL	223	888
>NOTCH1-A1 VAAFLGALA	966	>NOTCH1-A1 VVAFLGALA	172	794
>NOTCH1-A1 VAAFLGALAS	522	>NOTCH1-A1 VVAFLGALAS	108	414
>NOTCH1-A1 VAAFLGALAS	68	>NOTCH1-A1 VVAFLGALAS	938	870
>NOTCH1-A1 VAAFLGALAS	164	>NOTCH1-A1 VVAFLGALAS	1226	1062
>NOTCH1-A1 VAAFLGALAS	640	>NOTCH1-A1 VVAFLGALAS	374	266
>NOTCH1-A1 SQCFQSATD\	997	>NOTCH1-A1 SQCFQSATD\	70	927
>NOTCH1-A1 SQCFQSATD\	474	>NOTCH1-A1 SQCFQSATD\	433	41
>NOTCH1-A1 DVA AFLGAL	300	>NOTCH1-A1 DVVAFLGAL	336	36
>NOTCH1-A1 DVA AFLGAL	37	>NOTCH1-A1 DVVAFLGAL	26	11
>NOTCH1-A1 DVA AFLGAL	17	>NOTCH1-A1 DVVAFLGAL	7	10
>NOTCH1-A1 DVA AFLGAL	2270	>NOTCH1-A1 DVVAFLGAL	358	1912
>NOTCH1-A1 DVA AFLGA	23	>NOTCH1-A1 DVVAFLGA	72	49
>NOTCH1-A1 DVA AFLGAL	18	>NOTCH1-A1 DVVAFLGAL	52	34

>NOTCH1-A1 DVA AFLGALA	59	>NOTCH1-A1 DVVA FLGALA	65	6
>NOTCH1-A1 DVA AFLGA	61	>NOTCH1-A1 DVVA FLGA	113	52
>NOTCH1-A1 DVA AFLGAL	33	>NOTCH1-A1 DVVA FLGAL	52	19
>NOTCH1-A1 DVA AFLGALA	188	>NOTCH1-A1 DVVA FLGALA	331	143
>NOTCH1-A1 TDVA AFLGAL	272	>NOTCH1-A1 TDVVA FLGAL	200	72
>NOTCH1-A1 ATDVA AFL	511	>NOTCH1-A1 ATDVVA FL	293	218
>NOTCH1-A1 ATDVA AFL	173	>NOTCH1-A1 ATDVVA FL	173	0
>NOTCH1-A1 ATDVA AFLG/	296	>NOTCH1-A1 ATDVVA FLG/	289	7
>NOTCH1-A1 ATDVA AFL	1175	>NOTCH1-A1 ATDVVA FL	225	950
>NOTCH1-A1 ATDVA AFL	1129	>NOTCH1-A1 ATDVVA FL	350	779
>NOTCH1-A1 ATDVA AFL	14	>NOTCH1-A1 ATDVVA FL	37	23
>NOTCH1-A1 ATDVA AFLG/	41	>NOTCH1-A1 ATDVVA FLG/	117	76
>NOTCH1-A1 ATDVA AFL	160	>NOTCH1-A1 ATDVVA FL	1423	1263
>NOTCH1-A1 ATDVA AFLG/	367	>NOTCH1-A1 ATDVVA FLG/	551	184
>NOTCH1-A1 SATDVA AFL	2331	>NOTCH1-A1 SATDVVA FL	404	1927
>NOTCH1-A1 SATDVA AFL	145	>NOTCH1-A1 SATDVVA FL	57	88
>NOTCH1-A1 SATDVA AFL	47	>NOTCH1-A1 SATDVVA FL	32	15
>NOTCH1-A1 SATDVA AFLG	83	>NOTCH1-A1 SATDVVA FLG	89	6
>NOTCH1-A1 SATDVA AFL	536	>NOTCH1-A1 SATDVVA FL	102	434
>NOTCH1-A1 SATDVA AFL	450	>NOTCH1-A1 SATDVVA FL	97	353
>NOTCH1-A1 SATDVA AFL	418	>NOTCH1-A1 SATDVVA FL	162	256
>NOTCH1-A1 SATDVA AFL	24	>NOTCH1-A1 SATDVVA FL	18	6
>NOTCH1-A1 SATDVA AFLG	226	>NOTCH1-A1 SATDVVA FLG	203	23
>NOTCH1-A1 SATDVA AFL	267	>NOTCH1-A1 SATDVVA FL	338	71
>NOTCH1-A1 SATDVA AF	390	>NOTCH1-A1 SATDVVA F	180	210
>NOTCH1-A1 SATDVA AF	79	>NOTCH1-A1 SATDVVA F	168	89
>NOTCH1-A1 SATDVA AFL	359	>NOTCH1-A1 SATDVVA FL	717	358
>NOTCH1-A1 SATDVA AF	60	>NOTCH1-A1 SATDVVA F	60	0
>NOTCH1-A1 SATDVA AF	443	>NOTCH1-A1 SATDVVA F	468	25
>NOTCH1-A1 SATDVA AFL	19	>NOTCH1-A1 SATDVVA FL	19	0
>NOTCH1-A1 SATDVA AFL	412	>NOTCH1-A1 SATDVVA FL	1047	635
>NOTCH1-A1 SATDVA AFL	459	>NOTCH1-A1 SATDVVA FL	953	494
>NOTCH1-A1 QSATDVA AF	6	>NOTCH1-A1 QSATDVVA F	18	12
>NOTCH1-A1 QSATDVA AFL	105	>NOTCH1-A1 QSATDVVA FL	60	45
>NOTCH1-A1 QSATDVA AF	563	>NOTCH1-A1 QSATDVVA F	98	465
>NOTCH1-A1 QSATDVAA	288	>NOTCH1-A1 QSATDVVA	697	409
>NOTCH1-A1 QSATDVA AFL	277	>NOTCH1-A1 QSATDVVA FL	335	58
>NOTCH1-A1 QSATDVA AF	138	>NOTCH1-A1 QSATDVVA F	228	90
>NOTCH1-A1 QSATDVA AF	20	>NOTCH1-A1 QSATDVVA F	9	11
>NOTCH1-A1 QSATDVA AF	17	>NOTCH1-A1 QSATDVVA F	41	24
>NOTCH1-A1 QSATDVA AFL	67	>NOTCH1-A1 QSATDVVA FL	142	75
>NOTCH1-A1 QSATDVA AF	102	>NOTCH1-A1 QSATDVVA F	104	2
>NOTCH1-A1 QSATDVA AF	273	>NOTCH1-A1 QSATDVVA F	875	602

>NOTCH1-A1 QSATDVAAFL	102	>NOTCH1-A1 QSATDVVAFI	119	17
>NOTCH1-A1 QSATDVAAFL	458	>NOTCH1-A1 QSATDVVAFI	729	271
>NOTCH1-A1 QSATDVAAFL	126	>NOTCH1-A1 QSATDVVAFI	124	2
>NOTCH1-A1 FQSATDVA	1536	>NOTCH1-A1 FQSATDVV	87	1449
>NOTCH1-A1 FQSATDVAAF	45	>NOTCH1-A1 FQSATDVVAF	44	1
>NOTCH1-A1 FQSATDVA	91	>NOTCH1-A1 FQSATDVV	12	79
>NOTCH1-A1 FQSATDVAA	69	>NOTCH1-A1 FQSATDVVA	307	238
>NOTCH1-A1 FQSATDVAAF	4	>NOTCH1-A1 FQSATDVVAF	5	1
>NOTCH1-A1 FQSATDVA	217	>NOTCH1-A1 FQSATDVV	21	196
>NOTCH1-A1 FQSATDVAA	225	>NOTCH1-A1 FQSATDVVA	801	576
>NOTCH1-A1 FQSATDVAAF	52	>NOTCH1-A1 FQSATDVVAF	36	16
>NOTCH1-A1 FQSATDVA	19	>NOTCH1-A1 FQSATDVV	6	13
>NOTCH1-A1 FQSATDVAA	8	>NOTCH1-A1 FQSATDVVA	25	17
>NOTCH1-A1 FQSATDVAAF	4	>NOTCH1-A1 FQSATDVVAF	5	1
>NOTCH1-A1 FQSATDVA	4269	>NOTCH1-A1 FQSATDVV	97	4172
>NOTCH1-A1 FQSATDVAAF	165	>NOTCH1-A1 FQSATDVVAF	107	58
>NOTCH1-A1 FQSATDVA	2497	>NOTCH1-A1 FQSATDVV	55	2442
>NOTCH1-A1 FQSATDVAAF	85	>NOTCH1-A1 FQSATDVVAF	74	11
>NOTCH1-A1 FQSATDVA	3243	>NOTCH1-A1 FQSATDVV	72	3171
>NOTCH1-A1 FQSATDVAAF	202	>NOTCH1-A1 FQSATDVVAF	127	75
>NOTCH1-A1 FQSATDVAAF	932	>NOTCH1-A1 FQSATDVVAF	415	517
>NOTCH1-A1 FQSATDVA	16798	>NOTCH1-A1 FQSATDVV	227	16571
>NOTCH1-A1 FQSATDVA	268	>NOTCH1-A1 FQSATDVV	254	14
>NOTCH1-A1 FQSATDVAA	118	>NOTCH1-A1 FQSATDVVA	117	1
>NOTCH1-A1 FQSATDVAAF	28	>NOTCH1-A1 FQSATDVVAF	29	1
>NOTCH1-A1 FQSATDVAAF	145	>NOTCH1-A1 FQSATDVVAF	105	40
>NOTCH1-A1 FQSATDVAAF	52	>NOTCH1-A1 FQSATDVVAF	81	29
>NOTCH1-A1 FQSATDVA	565	>NOTCH1-A1 FQSATDVV	98	467
>NOTCH1-A1 FQSATDVAA	54	>NOTCH1-A1 FQSATDVVA	109	55
>NOTCH1-A1 FQSATDVAAF	2	>NOTCH1-A1 FQSATDVVAF	2	0
>NOTCH1-A1 FQSATDVAAF	42	>NOTCH1-A1 FQSATDVVAF	39	3
>NOTCH1-A1 FQSATDVA	2302	>NOTCH1-A1 FQSATDVV	54	2248
>NOTCH1-A1 FQSATDVAAF	24	>NOTCH1-A1 FQSATDVVAF	21	3
>NOTCH1-A1 FQSATDVAAF	11	>NOTCH1-A1 FQSATDVVAF	12	1
>NOTCH1-A1 FQSATDVAAF	465	>NOTCH1-A1 FQSATDVVAF	845	380
>NOTCH1-A1 FQSATDVAAF	418	>NOTCH1-A1 FQSATDVVAF	480	62
>NOTCH1-A1 CFQSATDVA/	63	>NOTCH1-A1 CFQSATDVV/	53	10
>NOTCH1-A1 CFQSATDVA	1026	>NOTCH1-A1 CFQSATDVV	186	840
>NOTCH1-A1 CFQSATDVA/	5	>NOTCH1-A1 CFQSATDVV/	5	0
>NOTCH1-A1 AFLGALASL	259	>NOTCH1-A1 PFLGALASL	3388	3129
>NOTCH1-A1 AFLGALASL	27	>NOTCH1-A1 PFLGALASL	238	211
>NOTCH1-A1 AFLGALASL	178	>NOTCH1-A1 PFLGALASL	1960	1782
>NOTCH1-A1 AFLGALASL	403	>NOTCH1-A1 PFLGALASL	1946	1543

>NOTCH1-A1AAFLGALASL	8963	>NOTCH1-A1APFLGALASL	17	8946
>NOTCH1-A1AAFLGALASL	439	>NOTCH1-A1APFLGALASL	8455	8016
>NOTCH1-A1AAFLGALASL	108	>NOTCH1-A1APFLGALASL	1637	1529
>NOTCH1-A1AAFLGALASL	132	>NOTCH1-A1APFLGALASL	4149	4017
>NOTCH1-A1AAFLGALASL	498	>NOTCH1-A1APFLGALASL	8891	8393
>NOTCH1-A1AAFLGALASL	20443	>NOTCH1-A1APFLGALASL	65	20378
>NOTCH1-A1AAFLGALASL	380	>NOTCH1-A1APFLGALASL	2577	2197
>NOTCH1-A1AAFLGALASL	7	>NOTCH1-A1APFLGALASL	5403	5396
>NOTCH1-A1AAFLGALAS	5375	>NOTCH1-A1APFLGALAS	437	4938
>NOTCH1-A1AAFLGALASL	632	>NOTCH1-A1APFLGALASL	56	576
>NOTCH1-A1AAFLGALA	9799	>NOTCH1-A1APFLGALA	114	9685
>NOTCH1-A1VAAFLGAL	1175	>NOTCH1-A1VAPFLGAL	384	791
>NOTCH1-A1VAAFLGALAS	853	>NOTCH1-A1VAPFLGALAS	227	626
>NOTCH1-A1VAAFLGALAS	174	>NOTCH1-A1VAPFLGALAS	1899	1725
>NOTCH1-A1VAAFLGALAS	493	>NOTCH1-A1VAPFLGALAS	1007	514
>NOTCH1-A1VAAFLGALAS	68	>NOTCH1-A1VAPFLGALAS	1233	1165
>NOTCH1-A1VAAFLGAL	12822	>NOTCH1-A1VAPFLGAL	256	12566
>NOTCH1-A1VAAFLGALA	6519	>NOTCH1-A1VAPFLGALA	85	6434
>NOTCH1-A1VAAFLGALAS	164	>NOTCH1-A1VAPFLGALAS	5	159
>NOTCH1-A1DVA AFLGAL	300	>NOTCH1-A1DVAPFLGAL	207	93
>NOTCH1-A1DVA AFLGAL	37	>NOTCH1-A1DVAPFLGAL	43	6
>NOTCH1-A1DVA AFLGAL	17	>NOTCH1-A1DVAPFLGAL	26	9
>NOTCH1-A1DVA AFLGA	23	>NOTCH1-A1DVAPFLGA	23	0
>NOTCH1-A1DVA AFLGAL	18	>NOTCH1-A1DVAPFLGAL	21	3
>NOTCH1-A1DVA AFLGALA	59	>NOTCH1-A1DVAPFLGALA	334	275
>NOTCH1-A1DVA AFLGA	61	>NOTCH1-A1DVAPFLGA	65	4
>NOTCH1-A1DVA AFLGAL	33	>NOTCH1-A1DVAPFLGAL	38	5
>NOTCH1-A1DVA AFLGALA	188	>NOTCH1-A1DVAPFLGALA	231	43
>NOTCH1-A1TDVA AFLGAL	272	>NOTCH1-A1TDVAPFLGAL	503	231
>NOTCH1-A1ATDVA AFL	173	>NOTCH1-A1ATDVAPFL	244	71
>NOTCH1-A1ATDVA AFLG/	296	>NOTCH1-A1ATDVAPFLG/	626	330
>NOTCH1-A1ATDVA AFL	1129	>NOTCH1-A1ATDVAPFL	317	812
>NOTCH1-A1ATDVA AFL	14	>NOTCH1-A1ATDVAPFL	31	17
>NOTCH1-A1ATDVA AFLG/	41	>NOTCH1-A1ATDVAPFLG/	56	15
>NOTCH1-A1ATDVA AFL	160	>NOTCH1-A1ATDVAPFL	554	394
>NOTCH1-A1ATDVA AFLG/	367	>NOTCH1-A1ATDVAPFLG/	558	191
>NOTCH1-A1SATDVA AFL	145	>NOTCH1-A1SATDVAPFL	813	668
>NOTCH1-A1SATDVA AFL	47	>NOTCH1-A1SATDVAPFL	34	13
>NOTCH1-A1SATDVA AFLG	83	>NOTCH1-A1SATDVAPFLG	106	23
>NOTCH1-A1SATDVA AFL	536	>NOTCH1-A1SATDVAPFL	469	67
>NOTCH1-A1SATDVA AFL	450	>NOTCH1-A1SATDVAPFL	61	389
>NOTCH1-A1SATDVA AFL	418	>NOTCH1-A1SATDVAPFL	348	70
>NOTCH1-A1SATDVA AFL	24	>NOTCH1-A1SATDVAPFL	593	569

>NOTCH1-A1SATDVA AFLG	226	>NOTCH1-A1SATDVAPFLG	575	349
>NOTCH1-A1SATDVA AFL	267	>NOTCH1-A1SATDVAPFL	119	148
>NOTCH1-A1SATDVA AF	390	>NOTCH1-A1SATDVAPF	439	49
>NOTCH1-A1SATDVA AF	79	>NOTCH1-A1SATDVAPF	39	40
>NOTCH1-A1SATDVA AFL	359	>NOTCH1-A1SATDVAPFL	956	597
>NOTCH1-A1SATDVA AF	60	>NOTCH1-A1SATDVAPF	65	5
>NOTCH1-A1SATDVA AF	443	>NOTCH1-A1SATDVAPF	530	87
>NOTCH1-A1SATDVA AFL	19	>NOTCH1-A1SATDVAPFL	32	13
>NOTCH1-A1SATDVA AFL	412	>NOTCH1-A1SATDVAPFL	1004	592
>NOTCH1-A1SATDVA AFL	459	>NOTCH1-A1SATDVAPFL	736	277
>NOTCH1-A1QSATDVA AF	6	>NOTCH1-A1QSATDVAPF	7	1
>NOTCH1-A1QSATDVA AFL	105	>NOTCH1-A1QSATDVAPFL	115	10
>NOTCH1-A1QSATDVAA	288	>NOTCH1-A1QSATDVAP	13937	13649
>NOTCH1-A1QSATDVA AFL	277	>NOTCH1-A1QSATDVAPFL	907	630
>NOTCH1-A1QSATDVA AFL	806	>NOTCH1-A1QSATDVAPFL	457	349
>NOTCH1-A1QSATDVA AF	138	>NOTCH1-A1QSATDVAPF	88	50
>NOTCH1-A1QSATDVA AF	20	>NOTCH1-A1QSATDVAPF	24	4
>NOTCH1-A1QSATDVA AF	17	>NOTCH1-A1QSATDVAPF	11	6
>NOTCH1-A1QSATDVA AFL	67	>NOTCH1-A1QSATDVAPFL	106	39
>NOTCH1-A1QSATDVA AF	102	>NOTCH1-A1QSATDVAPF	106	4
>NOTCH1-A1QSATDVA AF	273	>NOTCH1-A1QSATDVAPF	206	67
>NOTCH1-A1QSATDVA AFL	102	>NOTCH1-A1QSATDVAPFL	110	8
>NOTCH1-A1QSATDVA AFL	458	>NOTCH1-A1QSATDVAPFL	1071	613
>NOTCH1-A1QSATDVA AFL	126	>NOTCH1-A1QSATDVAPFL	257	131
>NOTCH1-A1FQSATDVA AF	45	>NOTCH1-A1FQSATDVAPF	33	12
>NOTCH1-A1FQSATDVAA	69	>NOTCH1-A1FQSATDVAP	5106	5037
>NOTCH1-A1FQSATDVA AF	4	>NOTCH1-A1FQSATDVAPF	6	2
>NOTCH1-A1FQSATDVAA	225	>NOTCH1-A1FQSATDVAP	14365	14140
>NOTCH1-A1FQSATDVA AF	52	>NOTCH1-A1FQSATDVAPF	125	73
>NOTCH1-A1FQSATDVAA	8	>NOTCH1-A1FQSATDVAP	480	472
>NOTCH1-A1FQSATDVA AF	4	>NOTCH1-A1FQSATDVAPF	4	0
>NOTCH1-A1FQSATDVA AF	165	>NOTCH1-A1FQSATDVAPF	145	20
>NOTCH1-A1FQSATDVA AF	85	>NOTCH1-A1FQSATDVAPF	128	43
>NOTCH1-A1FQSATDVA AF	202	>NOTCH1-A1FQSATDVAPF	75	127
>NOTCH1-A1FQSATDVAA	118	>NOTCH1-A1FQSATDVAP	816	698
>NOTCH1-A1FQSATDVA AF	28	>NOTCH1-A1FQSATDVAPF	26	2
>NOTCH1-A1FQSATDVA AF	145	>NOTCH1-A1FQSATDVAPF	234	89
>NOTCH1-A1FQSATDVA AF	52	>NOTCH1-A1FQSATDVAPF	46	6
>NOTCH1-A1FQSATDVAA	54	>NOTCH1-A1FQSATDVAP	279	225
>NOTCH1-A1FQSATDVA AF	2	>NOTCH1-A1FQSATDVAPF	2	0
>NOTCH1-A1FQSATDVA AF	42	>NOTCH1-A1FQSATDVAPF	38	4
>NOTCH1-A1FQSATDVA AF	24	>NOTCH1-A1FQSATDVAPF	35	11
>NOTCH1-A1FQSATDVA AF	11	>NOTCH1-A1FQSATDVAPF	14	3



>NOTCH1-A1 FQSATDVAAF	465	>NOTCH1-A1 FQSATDVAPF	464	1
>NOTCH1-A1 FQSATDVAAF	418	>NOTCH1-A1 FQSATDVAPF	460	42
>NOTCH1-A1 CFQSATDVA/	63	>NOTCH1-A1 CFQSATDVAF	92	29
>NOTCH1-A1 CFQSATDVA/	5	>NOTCH1-A1 CFQSATDVAF	8	3
>NOTCH1-A2 ASGTSTVL	114	>NOTCH1-A2 VSGTSTVL	90	24
>NOTCH1-A2 ASGTSTVL	448	>NOTCH1-A2 VSGTSTVL	475	27
>NOTCH1-A2 VASGTSTV	872	>NOTCH1-A2 VVSGTSTV	151	721
>NOTCH1-A2 VASGTSTVL	1885	>NOTCH1-A2 VVSGTSTVL	368	1517
>NOTCH1-A2 VASGTSTV	192	>NOTCH1-A2 VVSGTSTV	22	170
>NOTCH1-A2 VASGTSTV	351	>NOTCH1-A2 VVSGTSTV	76	275
>NOTCH1-A2 VASGTSTV	245	>NOTCH1-A2 VVSGTSTV	42	203
>NOTCH1-A2 VASGTSTV	4151	>NOTCH1-A2 VVSGTSTV	330	3821
>NOTCH1-A2 VASGTSTV	728	>NOTCH1-A2 VVSGTSTV	76	652
>NOTCH1-A2 VASGTSTV	1321	>NOTCH1-A2 VVSGTSTV	39	1282
>NOTCH1-A2 VASGTSTV	17	>NOTCH1-A2 VVSGTSTV	4	13
>NOTCH1-A2 VASGTSTVL	2886	>NOTCH1-A2 VVSGTSTVL	123	2763
>NOTCH1-A2 VASGTSTV	1193	>NOTCH1-A2 VVSGTSTV	226	967
>NOTCH1-A2 VASGTSTVL	54	>NOTCH1-A2 VVSGTSTVL	732	678
>NOTCH1-A2 VASGTSTVL	168	>NOTCH1-A2 VVSGTSTVL	85	83
>NOTCH1-A2 GPPRLSHLPV	530	>NOTCH1-A2 GPPRLSHLPV	403	127
>NOTCH1-A2 GPPRLSHLPV	359	>NOTCH1-A2 GPPRLSHLPV	1593	1234
>NOTCH1-A2 PVASGTSTV	145	>NOTCH1-A2 PVVSGTSTV	457	312
>NOTCH1-A2 PVASGTSTV	268	>NOTCH1-A2 PVVSGTSTV	1902	1634
>NOTCH1-A2 PVASGTSTV	35	>NOTCH1-A2 PVVSGTSTV	86	51
>NOTCH1-A2 PVASGTSTV	390	>NOTCH1-A2 PVVSGTSTV	1508	1118
>NOTCH1-A2 LPVASGTSTV	94	>NOTCH1-A2 LPVVSGTSTV	795	701
>NOTCH1-A2 LPVASGTSTV	40	>NOTCH1-A2 LPVVSGTSTV	406	366
>NOTCH1-A2 LPVASGTST	72	>NOTCH1-A2 LPVVSGTST	139	67
>NOTCH1-A2 LPVASGTSTV	114	>NOTCH1-A2 LPVVSGTSTV	134	20
>NOTCH1-A2 LPVASGTSTV	14	>NOTCH1-A2 LPVVSGTSTV	13	1
>NOTCH1-A2 LPVASGTSTV	419	>NOTCH1-A2 LPVVSGTSTV	637	218
>NOTCH1-A2 LPVASGTS	140	>NOTCH1-A2 LPVVSGTS	361	221
>NOTCH1-A2 LPVASGTST	136	>NOTCH1-A2 LPVVSGTST	400	264
>NOTCH1-A2 LPVASGTSTV	33	>NOTCH1-A2 LPVVSGTSTV	61	28
>NOTCH1-A2 LPVASGTSTV	59	>NOTCH1-A2 LPVVSGTSTV	187	128
>NOTCH1-A2 LPVASGTSTV	594	>NOTCH1-A2 LPVVSGTSTV	389	205
>NOTCH1-A2 LPVASGTSTV	84	>NOTCH1-A2 LPVVSGTSTV	89	5
>NOTCH1-A2 LPVASGTS	153	>NOTCH1-A2 LPVVSGTS	135	18
>NOTCH1-A2 LPVASGTST	58	>NOTCH1-A2 LPVVSGTST	56	2
>NOTCH1-A2 LPVASGTSTV	184	>NOTCH1-A2 LPVVSGTSTV	97	87
>NOTCH1-A2 LPVASGTSTV	142	>NOTCH1-A2 LPVVSGTSTV	341	199
>NOTCH1-A2 LPVASGTSTV	661	>NOTCH1-A2 LPVVSGTSTV	458	203
>NOTCH1-A2 HLPVASGTST	128	>NOTCH1-A2 HLPVVSGTST	126	2

>NOTCH1-A2 HLPVASGTST	14	>NOTCH1-A2 HLPVVSQTST	15	1
>NOTCH1-A2 HLPVASGTST	278	>NOTCH1-A2 HLPVVSQTST	335	57
>NOTCH1-A2 HLPVASGTST	25	>NOTCH1-A2 HLPVVSQTST	9	16
>NOTCH1-A2 HLPVASGTST	18	>NOTCH1-A2 HLPVVSQTST	15	3
>NOTCH1-A2 HLPVASGTST	16	>NOTCH1-A2 HLPVVSQTST	14	2
>NOTCH1-A2 HLPVASGTST	46	>NOTCH1-A2 HLPVVSQTST	74	28
>NOTCH1-A2 HLPVASGTST	4	>NOTCH1-A2 HLPVVSQTST	4	0
>NOTCH1-A2 HLPVASGTST	270	>NOTCH1-A2 HLPVVSQTST	157	113
>NOTCH1-A2 RLSHLPVA	330	>NOTCH1-A2 RLSHLPVV	33	297
>NOTCH1-A2 RLSHLPVA	144	>NOTCH1-A2 RLSHLPVV	17	127
>NOTCH1-A2 RLSHLPVAVG	745	>NOTCH1-A2 RLSHLPVVVG	360	385
>NOTCH1-A2 RLSHLPVA	22	>NOTCH1-A2 RLSHLPVV	5	17
>NOTCH1-A2 RLSHLPVAVG	85	>NOTCH1-A2 RLSHLPVVVG	43	42
>NOTCH1-A2 RLSHLPVA	619	>NOTCH1-A2 RLSHLPVV	64	555
>NOTCH1-A2 RLSHLPVA	119	>NOTCH1-A2 RLSHLPVV	4	115
>NOTCH1-A2 RLSHLPVAVG	577	>NOTCH1-A2 RLSHLPVVVG	272	305
>NOTCH1-A2 RLSHLPVA	347	>NOTCH1-A2 RLSHLPVV	8	339
>NOTCH1-A2 RLSHLPVA	185	>NOTCH1-A2 RLSHLPVV	8	177
>NOTCH1-A2 RLSHLPVA	3077	>NOTCH1-A2 RLSHLPVV	16	3061
>NOTCH1-A2 RLSHLPVA	84	>NOTCH1-A2 RLSHLPVV	5	79
>NOTCH1-A2 RLSHLPVAVS	433	>NOTCH1-A2 RLSHLPVVVS	1568	1135
>NOTCH1-A2 PPRLSHLPVA	2780	>NOTCH1-A2 PPRLSHLPVV	336	2444
>NOTCH1-A2 VAPGPLSTQ	267	>NOTCH1-A2 VTPGPLSTQ	13	254
>NOTCH1-A2 VAPGPLSTQA	510	>NOTCH1-A2 VTPGPLSTQA	27	483
>NOTCH1-A2 VAPGPLSTQA	2211	>NOTCH1-A2 VTPGPLSTQA	104	2107
>NOTCH1-A2 VAPGPLSTQ	5593	>NOTCH1-A2 VTPGPLSTQ	308	5285
>NOTCH1-A2 NQYNPLRGS\	400	>NOTCH1-A2 NQYNPLRGS\	3296	2896
>NOTCH1-A2 NQYNPLRGS\	443	>NOTCH1-A2 NQYNPLRGS\	2846	2403
>NOTCH1-A2 NQYNPLRGS\	346	>NOTCH1-A2 NQYNPLRGS\	1417	1071
>NOTCH1-A2 SVAPGPLSTQ	72	>NOTCH1-A2 SVTPGPLSTQ	763	691
>NOTCH1-A2 SVAPGPLSTQ	321	>NOTCH1-A2 SVTPGPLSTQ	1034	713
>NOTCH1-A2 SVAPGPLSTQ	226	>NOTCH1-A2 SVTPGPLSTQ	275	49
>NOTCH1-A2 SVAPGPLSTQ	86	>NOTCH1-A2 SVTPGPLSTQ	604	518
>NOTCH1-A2 GSVAPGPL	26	>NOTCH1-A2 GSVTPGPL	48	22
>NOTCH1-A2 GSVAPGPLST	139	>NOTCH1-A2 GSVTPGPLST	106	33
>NOTCH1-A2 LRGSVAPGPL	177	>NOTCH1-A2 LRGSVTPGPL	76	101
>NOTCH1-A2 LRGSVAPGPL	631	>NOTCH1-A2 LRGSVTPGPL	342	289
>NOTCH1-A2 PLRGSVAPGF	230	>NOTCH1-A2 PLRGSVTPGP	245	15
>NOTCH1-A2 NPLRGSVA	225	>NOTCH1-A2 NPLRGSVT	870	645
>NOTCH1-A2 NPLRGSVA	89	>NOTCH1-A2 NPLRGSVT	2504	2415
>NOTCH1-A2 QYNPLRGSV/	530	>NOTCH1-A2 QYNPLRGSVT	395	135
>NOTCH1-A2 AASGHLGRSF	392	>NOTCH1-A2 VASGHLGRSF	743	351
>NOTCH1-A2 AASGHLGR	693	>NOTCH1-A2 VASGHLGR	451	242

>NOTCH1-A2 AASGHLGRSF	207	>NOTCH1-A2 VASGHLGRSF	300	93
>NOTCH1-A2 AASGHLGRSF	293	>NOTCH1-A2 VASGHLGRSF	397	104
>NOTCH1-A2 AASGHLGRSF	21	>NOTCH1-A2 VASGHLGRSF	25	4
>NOTCH1-A2 AASGHLGRSF	305	>NOTCH1-A2 VASGHLGRSF	332	27
>NOTCH1-A2 SAASGHLGR	696	>NOTCH1-A2 SVASGHLGR	74	622
>NOTCH1-A2 SAASGHLGRS	5835	>NOTCH1-A2 SVASGHLGRS	193	5642
>NOTCH1-A2 SAASGHLGR	337	>NOTCH1-A2 SVASGHLGR	175	162
>NOTCH1-A2 SAASGHLGR	31	>NOTCH1-A2 SVASGHLGR	21	10
>NOTCH1-A2 SAASGHLGRS	432	>NOTCH1-A2 SVASGHLGRS	344	88
>NOTCH1-A2 SAASGHLGRS	86	>NOTCH1-A2 SVASGHLGRS	63	23
>NOTCH1-A2 SAASGHLGRS	884	>NOTCH1-A2 SVASGHLGRS	240	644
>NOTCH1-A2 SAASGHLGRS	34	>NOTCH1-A2 SVASGHLGRS	214	180
>NOTCH1-A2 SAASGHLGRS	28	>NOTCH1-A2 SVASGHLGRS	217	189
>NOTCH1-A2 SAASGHLGRS	251	>NOTCH1-A2 SVASGHLGRS	838	587
>NOTCH1-A2 SAASGHLGRS	88	>NOTCH1-A2 SVASGHLGRS	50	38
>NOTCH1-A2 SAASGHLGR	561	>NOTCH1-A2 SVASGHLGR	454	107
>NOTCH1-A2 SSAASGHL	2017	>NOTCH1-A2 SSVASGHL	404	1613
>NOTCH1-A2 SSAASGHLGR	166	>NOTCH1-A2 SSVASGHLGR	148	18
>NOTCH1-A2 SSAASGHLGR	169	>NOTCH1-A2 SSVASGHLGR	128	41
>NOTCH1-A2 SSAASGHLGR	31	>NOTCH1-A2 SSVASGHLGR	52	21
>NOTCH1-A2 SSAASGHL	295	>NOTCH1-A2 SSVASGHL	1256	961
>NOTCH1-A2 SSAASGHL	28	>NOTCH1-A2 SSVASGHL	12	16
>NOTCH1-A2 SSAASGHL	487	>NOTCH1-A2 SSVASGHL	758	271
>NOTCH1-A2 SSAASGHLGR	170	>NOTCH1-A2 SSVASGHLGR	259	89
>NOTCH1-A2 SSAASGHL	98	>NOTCH1-A2 SSVASGHL	355	257
>NOTCH1-A2 VSSAASGHLC	304	>NOTCH1-A2 VSSVASGHLC	385	81
>NOTCH1-A2 VSSAASGHL	459	>NOTCH1-A2 VSSVASGHL	1240	781
>NOTCH1-A2 VSSAASGH	362	>NOTCH1-A2 VSSVASGH	716	354
>NOTCH1-A2 VSSAASGHL	21	>NOTCH1-A2 VSSVASGHL	37	16
>NOTCH1-A2 VSSAASGHL	459	>NOTCH1-A2 VSSVASGHL	978	519
>NOTCH1-A2 VSSAASGHL	448	>NOTCH1-A2 VSSVASGHL	1262	814
>NOTCH1-A2 VSSAASGHL	354	>NOTCH1-A2 VSSVASGHL	276	78
>NOTCH1-A2 GVSSAASGHL	472	>NOTCH1-A2 GVSSVASGHL	541	69
>NOTCH1-A2 GVSSAASGH	116	>NOTCH1-A2 GVSSVASGH	39	77
>NOTCH1-A2 HLGVSSAA	422	>NOTCH1-A2 HLGVSSVA	1062	640
>NOTCH1-A2 HLGVSSAA	290	>NOTCH1-A2 HLGVSSVA	959	669
>NOTCH1-A2 HLGVSSAA	206	>NOTCH1-A2 HLGVSSVA	542	336
>NOTCH1-A2 HLGVSSAA	133	>NOTCH1-A2 HLGVSSVA	160	27
>NOTCH1-A2 QPHLGVSSA	259	>NOTCH1-A2 QPHLGVSSV	117	142
>NOTCH1-A2 QPHLGVSSA/	50	>NOTCH1-A2 QPHLGVSSV/	94	44
>NOTCH1-A2 ADVQPLGPS	375	>NOTCH1-A2 VDVQPLGPS	1569	1194
>NOTCH1-A2 RSFLSGEPSQ	229	>NOTCH1-A2 RSFLSGEPSQ'	416	187
>NOTCH1-A2 RSFLSGEPSQ	675	>NOTCH1-A2 RSFLSGEPSQ'	109	566

>NOTCH1-A2 RSFLSGEPSQ,	40	>NOTCH1-A2 RSFLSGEPSQ'	8	32
>NOTCH1-A2 RSFLSGEPSQ,	332	>NOTCH1-A2 RSFLSGEPSQ'	51	281
>NOTCH1-A2 RSFLSGEPSQ,	1210	>NOTCH1-A2 RSFLSGEPSQ'	198	1012
>NOTCH1-A2 SQADVQPL	76	>NOTCH1-A2 SQVDVQPL	222	146
>NOTCH1-A2 SQADVQPL	28	>NOTCH1-A2 SQVDVQPL	124	96
>NOTCH1-A2 SQADVQPL	121	>NOTCH1-A2 SQVDVQPL	296	175
>NOTCH1-A2 SQADVQPL	10	>NOTCH1-A2 SQVDVQPL	8	2
>NOTCH1-A2 SQADVQPLG	266	>NOTCH1-A2 SQVDVQPLG	172	94
>NOTCH1-A2 SQADVQPL	183	>NOTCH1-A2 SQVDVQPL	242	59
>NOTCH1-A2 SQADVQPL	114	>NOTCH1-A2 SQVDVQPL	468	354
>NOTCH1-A2 SQADVQPL	143	>NOTCH1-A2 SQVDVQPL	188	45
>NOTCH1-A2 SQADVQPL	102	>NOTCH1-A2 SQVDVQPL	92	10
>NOTCH1-A2 SQADVQPL	36	>NOTCH1-A2 SQVDVQPL	41	5
>NOTCH1-A2 SQADVQPL	565	>NOTCH1-A2 SQVDVQPL	306	259
>NOTCH1-A2 EPSQADVQ	187	>NOTCH1-A2 EPSQVDVQ	275	88
>NOTCH1-A2 EPSQADVQPI	189	>NOTCH1-A2 EPSQVDVQPI	226	37
>NOTCH1-A2 EPSQADVQPI	288	>NOTCH1-A2 EPSQVDVQPI	340	52
>NOTCH1-A2 GEPSQADVQ	306	>NOTCH1-A2 GEPSQVDVQ	534	228
>NOTCH1-A2 GEPSQADVQ	467	>NOTCH1-A2 GEPSQVDVQ	291	176
>NOTCH1-A2 GEPSQADVQ	54	>NOTCH1-A2 GEPSQVDVQ	23	31
>NOTCH1-A2 LSGEPSQA	9432	>NOTCH1-A2 LSGEPSQV	490	8942
>NOTCH1-A2 FLSGEPSQA	86	>NOTCH1-A2 FLSGEPSQV	16	70
>NOTCH1-A2 FLSGEPSQAD	22	>NOTCH1-A2 FLSGEPSQVD	24	2
>NOTCH1-A2 FLSGEPSQA	5	>NOTCH1-A2 FLSGEPSQV	2	3
>NOTCH1-A2 FLSGEPSQAD	3	>NOTCH1-A2 FLSGEPSQVD	4	1
>NOTCH1-A2 FLSGEPSQA	4	>NOTCH1-A2 FLSGEPSQV	2	2
>NOTCH1-A2 FLSGEPSQAD	3	>NOTCH1-A2 FLSGEPSQVD	4	1
>NOTCH1-A2 FLSGEPSQA	1257	>NOTCH1-A2 FLSGEPSQV	69	1188
>NOTCH1-A2 FLSGEPSQAD	68	>NOTCH1-A2 FLSGEPSQVD	67	1
>NOTCH1-A2 FLSGEPSQA	7	>NOTCH1-A2 FLSGEPSQV	2	5
>NOTCH1-A2 FLSGEPSQAD	3	>NOTCH1-A2 FLSGEPSQVD	3	0
>NOTCH1-A2 FLSGEPSQA	141	>NOTCH1-A2 FLSGEPSQV	7	134
>NOTCH1-A2 FLSGEPSQAD	8	>NOTCH1-A2 FLSGEPSQVD	9	1
>NOTCH1-A2 FLSGEPSQA	25	>NOTCH1-A2 FLSGEPSQV	5	20
>NOTCH1-A2 FLSGEPSQAD	6	>NOTCH1-A2 FLSGEPSQVD	5	1
>NOTCH1-A2 FLSGEPSQA	17	>NOTCH1-A2 FLSGEPSQV	3	14
>NOTCH1-A2 FLSGEPSQAD	4	>NOTCH1-A2 FLSGEPSQVD	5	1
>NOTCH1-A2 FLSGEPSQA	2	>NOTCH1-A2 FLSGEPSQV	1	1
>NOTCH1-A2 FLSGEPSQAD	1	>NOTCH1-A2 FLSGEPSQVD	1	0
>NOTCH1-A2 SFLSGEPSQA	5772	>NOTCH1-A2 SFLSGEPSQV	247	5525
>NOTCH1-A2 SFLSGEPSQA	3703	>NOTCH1-A2 SFLSGEPSQV	138	3565
>NOTCH1-A2 SFLSGEPSQA	11275	>NOTCH1-A2 SFLSGEPSQV	178	11097
>NOTCH1-A2 AVHTILPQ	121	>NOTCH1-A2 TVHTILPQ	911	790

>NOTCH1-A2 LAVHTILPQ	3105	>NOTCH1-A2 LTVHTILPQ	287	2818
>NOTCH1-A2 SLAVHTIL	219	>NOTCH1-A2 SLTVHTIL	955	736
>NOTCH1-A2 SLAVHTIL	7	>NOTCH1-A2 SLTVHTIL	36	29
>NOTCH1-A2 SLAVHTIL	20	>NOTCH1-A2 SLTVHTIL	144	124
>NOTCH1-A2 SLAVHTIL	155	>NOTCH1-A2 SLTVHTIL	375	220
>NOTCH1-A2 SLAVHTIL	320	>NOTCH1-A2 SLTVHTIL	500	180
>NOTCH1-A2 SLAVHTIL	37	>NOTCH1-A2 SLTVHTIL	78	41
>NOTCH1-A2 SLAVHTIL	10	>NOTCH1-A2 SLTVHTIL	12	2
>NOTCH1-A2 SLAVHTILPQ	220	>NOTCH1-A2 SLTVHTILPQ	263	43
>NOTCH1-A2 SLAVHTIL	445	>NOTCH1-A2 SLTVHTIL	1014	569
>NOTCH1-A2 SSLAVHTI	36	>NOTCH1-A2 SSLTVHTI	45	9
>NOTCH1-A2 SSLAVHTI	205	>NOTCH1-A2 SSLTVHTI	428	223
>NOTCH1-A2 SSLAVHTI	84	>NOTCH1-A2 SSLTVHTI	170	86
>NOTCH1-A2 SSLAVHTIL	191	>NOTCH1-A2 SSLTVHTIL	460	269
>NOTCH1-A2 SSLAVHTI	135	>NOTCH1-A2 SSLTVHTI	310	175
>NOTCH1-A2 SSLAVHTIL	19	>NOTCH1-A2 SSLTVHTIL	15	4
>NOTCH1-A2 SSLAVHTI	25	>NOTCH1-A2 SSLTVHTI	30	5
>NOTCH1-A2 SSLAVHTIL	374	>NOTCH1-A2 SSLTVHTIL	446	72
>NOTCH1-A2 GPSSLAVHTI	278	>NOTCH1-A2 GPSSLTVHTI	1173	895
>NOTCH1-A2 GPSSLAVHTIL	139	>NOTCH1-A2 GPSSLTVHTIL	92	47
>NOTCH1-A2 GPSSLAVHTI	464	>NOTCH1-A2 GPSSLTVHTI	619	155
>NOTCH1-A2 GPSSLAVHTIL	400	>NOTCH1-A2 GPSSLTVHTIL	564	164
>NOTCH1-A2 GPSSLAVHTI	327	>NOTCH1-A2 GPSSLTVHTI	242	85
>NOTCH1-A2 LGPSSLAV	341	>NOTCH1-A2 LGPSSLTV	439	98
>NOTCH1-A2 LGPSSLAVHT	205	>NOTCH1-A2 LGPSSLTVHTI	177	28
>NOTCH1-A2 LGPSSLAVHT	14	>NOTCH1-A2 LGPSSLTVHTI	24	10
>NOTCH1-A2 PLGPSSLAV	36	>NOTCH1-A2 PLGPSSLTV	26	10
>NOTCH1-A2 PLGPSSLAV	215	>NOTCH1-A2 PLGPSSLTV	122	93
>NOTCH1-A2 PLGPSSLAV	34	>NOTCH1-A2 PLGPSSLTV	16	18
>NOTCH1-A2 PLGPSSLAV	48	>NOTCH1-A2 PLGPSSLTV	21	27
>NOTCH1-A2 PLGPSSLA	171	>NOTCH1-A2 PLGPSSLT	1602	1431
>NOTCH1-A2 PLGPSSLAV	7	>NOTCH1-A2 PLGPSSLTV	5	2
>NOTCH1-A2 QPLGPSSLAV	106	>NOTCH1-A2 QPLGPSSLTV	128	22
>NOTCH1-A2 QPLGPSSLAV	359	>NOTCH1-A2 QPLGPSSLTV	392	33
>NOTCH1-A2 QPLGPSSLA	43	>NOTCH1-A2 QPLGPSSLT	1248	1205
>NOTCH1-A2 VQPLGPSSLA	159	>NOTCH1-A2 VQPLGPSSLT	183	24
>NOTCH1-A2 VQPLGPSSLA	29	>NOTCH1-A2 VQPLGPSSLT	35	6
>NOTCH1-A2 VQPLGPSSLA	548	>NOTCH1-A2 VQPLGPSSLT	401	147
>NOTCH1-A2 MQSQIARIFE	334	>NOTCH1-A2 MQSQIARIFE	13309	12975
>NOTCH1-A2 MQSQIARIFE	279	>NOTCH1-A2 MQSQIARIFE	18941	18662
>NOTCH1-A2 MQSQIARIFE	50	>NOTCH1-A2 MQSQIARIFE	9700	9650
>NOTCH1-A2 ARIPEAFK	279	>NOTCH1-A2 ARIPEDFK	877	598
>NOTCH1-A2 IARIPEAFK	405	>NOTCH1-A2 IARIPEDFK	5027	4622

>NOTCH1-A2 IARIPEAFK	7	>NOTCH1-A2 IARIPEDFK	65	58
>NOTCH1-A2 IARIPEAFK	290	>NOTCH1-A2 IARIPEDFK	658	368
>NOTCH1-A2 IARIPEAF	21	>NOTCH1-A2 IARIPEDF	100	79
>NOTCH1-A2 IARIPEAF	12	>NOTCH1-A2 IARIPEDF	24	12
>NOTCH1-A2 IARIPEAF	672	>NOTCH1-A2 IARIPEDF	410	262
>NOTCH1-A2 QIARIPEAFK	156	>NOTCH1-A2 QIARIPEDFK	611	455
>NOTCH1-A2 QIARIPEAFK	244	>NOTCH1-A2 QIARIPEDFK	357	113
>NOTCH1-A2 QIARIPEAF	373	>NOTCH1-A2 QIARIPEDF	1817	1444
>NOTCH1-A2 QIARIPEAF	28	>NOTCH1-A2 QIARIPEDF	85	57
>NOTCH1-A2 QIARIPEAFK	21	>NOTCH1-A2 QIARIPEDFK	89	68
>NOTCH1-A2 QIARIPEA	294	>NOTCH1-A2 QIARIPED	14981	14687
>NOTCH1-A2 QIARIPEAF	264	>NOTCH1-A2 QIARIPEDF	957	693
>NOTCH1-A2 SQIARIPEA	76	>NOTCH1-A2 SQIARIPED	18343	18267
>NOTCH1-A2 SQIARIPEA	132	>NOTCH1-A2 SQIARIPED	18246	18114
>NOTCH1-A2 SQIARIPEA	7	>NOTCH1-A2 SQIARIPED	3310	3303
>NOTCH1-A2 SQIARIPEAFK	331	>NOTCH1-A2 SQIARIPEDFK	1443	1112
>NOTCH1-A2 SQIARIPEAFK	16	>NOTCH1-A2 SQIARIPEDFK	20	4
>NOTCH1-A2 SQIARIPEAF	400	>NOTCH1-A2 SQIARIPEDF	1511	1111
>NOTCH1-A2 SQIARIPEAFK	313	>NOTCH1-A2 SQIARIPEDFK	1373	1060
>NOTCH1-A2 SQIARIPEAFK	198	>NOTCH1-A2 SQIARIPEDFK	1078	880
>NOTCH1-A2 SQIARIPEAF	298	>NOTCH1-A2 SQIARIPEDF	912	614
>NOTCH1-A2 SQIARIPEAF	36	>NOTCH1-A2 SQIARIPEDF	87	51
>NOTCH1-A2 SQIARIPEAF	399	>NOTCH1-A2 SQIARIPEDF	1200	801
>NOTCH1-A2 SQIARIPEAF	4	>NOTCH1-A2 SQIARIPEDF	8	4
>NOTCH1-A2 QSQIARIPEAF	353	>NOTCH1-A2 QSQIARIPEDI	1228	875
>NOTCH1-A2 QSQIARIPEAF	133	>NOTCH1-A2 QSQIARIPEDI	483	350
>NOTCH1-A2 QSQIARIPEAF	70	>NOTCH1-A2 QSQIARIPEDI	151	81
>NOTCH1-C1 CVQASSQCF	243	>NOTCH1-C1 FVQASSQCF	42	201
>NOTCH1-C1 CVQASSQCF	983	>NOTCH1-C1 FVQASSQCF	42	941
>NOTCH1-C1 CVQASSQCF	298	>NOTCH1-C1 FVQASSQCF	44	254
>NOTCH1-C1 CVQASSQCF	1736	>NOTCH1-C1 FVQASSQCF	266	1470
>NOTCH1-C1 CVQASSQCF	852	>NOTCH1-C1 FVQASSQCF	116	736
>NOTCH1-C1 QCVQASSQC	2115	>NOTCH1-C1 QFVQASSQCI	119	1996
>NOTCH1-C1 QCVQASSQC	4371	>NOTCH1-C1 QFVQASSQCI	316	4055
>NOTCH1-C1 QCVQASSQC	15405	>NOTCH1-C1 QFVQASSQCI	126	15279
>NOTCH1-C1 QCVQASSQC	6418	>NOTCH1-C1 QFVQASSQCI	361	6057
>NOTCH1-C1 QCVQASSQC	171	>NOTCH1-C1 QFVQASSQCI	530	359
>NOTCH1-C1 IVYLEIDNRQCF	21078	>NOTCH1-C1 IVYLEIDNRQF	495	20583
>NOTCH1-C1 IVYLEIDNRQCF	17457	>NOTCH1-C1 IVYLEIDNRQF	20	17437
>NOTCH1-C1 RQCVQASSQCF	2521	>NOTCH1-C1 RQFVQASSQCI	168	2353
>NOTCH1-C1 RQCVQASSQCF	667	>NOTCH1-C1 RQFVQASSQCI	230	437
>NOTCH1-C1 RQCVQASSQCF	43	>NOTCH1-C1 RQFVQASSQCI	29	14
>NOTCH1-C1 RQCVQASSQCF	1869	>NOTCH1-C1 RQFVQASSQCI	267	1602

>NOTCH1-C1 RQCVQASS	2333	>NOTCH1-C1 RQFVQASS	120	2213
>NOTCH1-C1 RQCVQASSQ	942	>NOTCH1-C1 RQFVQASSQ	41	901
>NOTCH1-C1 RQCVQASSQ	1621	>NOTCH1-C1 RQFVQASSQ	115	1506
>NOTCH1-C1 RQCVQASSQ	3	>NOTCH1-C1 RQFVQASSQ	1	2
>NOTCH1-C1 RQCVQASSQ	932	>NOTCH1-C1 RQFVQASSQ	207	725
>NOTCH1-C1 RQCVQASSQ	5780	>NOTCH1-C1 RQFVQASSQ	176	5604
>NOTCH1-C1 EIDNRQCV	1188	>NOTCH1-C1 EIDNRQFV	207	981
>NOTCH1-C1 EIDNRQCV	526	>NOTCH1-C1 EIDNRQFV	134	392
>NOTCH1-C1 EIDNRQCV	1088	>NOTCH1-C1 EIDNRQFV	320	768
>NOTCH1-C1 EIDNRQCV	260	>NOTCH1-C1 EIDNRQFV	124	136
>NOTCH1-C1 EIDNRQCV	2497	>NOTCH1-C1 EIDNRQFV	312	2185
>NOTCH1-C1 EIDNRQCV	351	>NOTCH1-C1 EIDNRQFV	22	329
>NOTCH1-C1 EIDNRQCVQ	1882	>NOTCH1-C1 EIDNRQFVQ	489	1393
>NOTCH1-C1 LEIDNRQCV	364	>NOTCH1-C1 LEIDNRQFV	58	306
>NOTCH1-C1 LEIDNRQCV	1118	>NOTCH1-C1 LEIDNRQFV	273	845
>NOTCH1-C1 LEIDNRQC	18898	>NOTCH1-C1 LEIDNRQF	202	18696
>NOTCH1-C1 LEIDNRQC	4027	>NOTCH1-C1 LEIDNRQF	28	3999
>NOTCH1-C1 LEIDNRQCV	391	>NOTCH1-C1 LEIDNRQFV	324	67
>NOTCH1-C1 LEIDNRQC	3299	>NOTCH1-C1 LEIDNRQF	344	2955
>NOTCH1-C1 LEIDNRQCV	418	>NOTCH1-C1 LEIDNRQFV	143	275
>NOTCH1-C1 LEIDNRQCV	275	>NOTCH1-C1 LEIDNRQFV	258	17
>NOTCH1-C1 LEIDNRQCVC	412	>NOTCH1-C1 LEIDNRQFVQ	254	158
>NOTCH1-C1 LEIDNRQC	3422	>NOTCH1-C1 LEIDNRQF	183	3239
>NOTCH1-C1 LEIDNRQC	7646	>NOTCH1-C1 LEIDNRQF	161	7485
>NOTCH1-C1 LEIDNRQCVC	773	>NOTCH1-C1 LEIDNRQFVQ	478	295
>NOTCH1-C1 LEIDNRQCV	25	>NOTCH1-C1 LEIDNRQFV	27	2
>NOTCH1-C1 LEIDNRQCVC	231	>NOTCH1-C1 LEIDNRQFVQ	141	90
>NOTCH1-C1 YLEIDNRQCV	358	>NOTCH1-C1 YLEIDNRQFV	60	298
>NOTCH1-C1 YLEIDNRQCV	265	>NOTCH1-C1 YLEIDNRQFV	57	208
>NOTCH1-C1 YLEIDNRQCV	442	>NOTCH1-C1 YLEIDNRQFV	102	340
>NOTCH1-C1 YLEIDNRQCV	1394	>NOTCH1-C1 YLEIDNRQFV	469	925
>NOTCH1-C1 YLEIDNRQCV	30	>NOTCH1-C1 YLEIDNRQFV	7	23
>NOTCH1-C1 YLEIDNRQCV	28	>NOTCH1-C1 YLEIDNRQFV	16	12
>NOTCH1-C1 YLEIDNRQCV	41	>NOTCH1-C1 YLEIDNRQFV	19	22
>NOTCH1-C1 YLEIDNRQCV	181	>NOTCH1-C1 YLEIDNRQFV	74	107
>NOTCH1-C1 YLEIDNRQC	291	>NOTCH1-C1 YLEIDNRQF	8153	7862
>NOTCH1-C1 YLEIDNRQCV	3	>NOTCH1-C1 YLEIDNRQFV	2	1
>NOTCH1-C1 YLEIDNRQCV	144	>NOTCH1-C1 YLEIDNRQFV	158	14
>NOTCH1-C1 YLEIDNRQC	19012	>NOTCH1-C1 YLEIDNRQF	243	18769
>NOTCH1-C1 VYLEIDNRQC	2005	>NOTCH1-C1 VYLEIDNRQF	450	1555
>NOTCH1-C1 VYLEIDNRQC	1004	>NOTCH1-C1 VYLEIDNRQF	157	847
>NOTCH1-C1 VYLEIDNRQC	428	>NOTCH1-C1 VYLEIDNRQF	122	306
>NOTCH1-C1 VYLEIDNRQC	294	>NOTCH1-C1 VYLEIDNRQF	96	198

>NOTCH1-C1 VYLEIDNRQC	31327	>NOTCH1-C1 VYLEIDNRQF	121	31206
>NOTCH1-C1 VYLEIDNRQC	581	>NOTCH1-C1 VYLEIDNRQF'	452	129
>NOTCH1-C1 VYLEIDNRQC	27538	>NOTCH1-C1 VYLEIDNRQF	190	27348
>NOTCH1-C1 VYLEIDNRQC	2217	>NOTCH1-C1 VYLEIDNRQF	7	2210
>NOTCH1-C1 VYLEIDNRQC	1265	>NOTCH1-C1 VYLEIDNRQF'	110	1155
>NOTCH1-C1 VYLEIDNRQC	1554	>NOTCH1-C1 VYLEIDNRQF'	341	1213
>NOTCH1-C1 CFQSATDVA/	63	>NOTCH1-C1 RFQSATDVA/	51	12
>NOTCH1-C1 CFQSATDVA/	1118	>NOTCH1-C1 RFQSATDVA/	349	769
>NOTCH1-C1 CFQSATDVA/	5	>NOTCH1-C1 RFQSATDVA/	5	0
>NOTCH1-C1 CFQSATDVA/	15881	>NOTCH1-C1 RFQSATDVA/	367	15514
>NOTCH1-C1 CFQSATDVA/	1962	>NOTCH1-C1 RFQSATDVA/	137	1825
>NOTCH1-C1 CFQSATDVA/	1417	>NOTCH1-C1 RFQSATDVA/	208	1209
>NOTCH1-C1 QCFQSATDV	1919	>NOTCH1-C1 QRFQSATDV	89	1830
>NOTCH1-C1 QCFQSATDV/	3881	>NOTCH1-C1 QRFQSATDV/	176	3705
>NOTCH1-C1 QCFQSATDV/	26440	>NOTCH1-C1 QRFQSATDV/	340	26100
>NOTCH1-C1 QCFQSATDV/	23955	>NOTCH1-C1 QRFQSATDV/	273	23682
>NOTCH1-C1 SQCFQSATD\	8437	>NOTCH1-C1 SQRFSATD\	167	8270
>NOTCH1-C1 SQCFQSATD\	474	>NOTCH1-C1 SQRFSATD\	224	250
>NOTCH1-C1 SQCFQSATD\	851	>NOTCH1-C1 SQRFSATD\	117	734
>NOTCH1-C1 SSQCFQSAT	449	>NOTCH1-C1 SSQRFQSAT	925	476
>NOTCH1-C1 SSQCFQSATC	434	>NOTCH1-C1 SSQRFQSATC	722	288
>NOTCH1-C1 ASSQCFQSA	11502	>NOTCH1-C1 ASSQRFQSA	293	11209
>NOTCH1-C1 VQASSQCFQ!	272	>NOTCH1-C1 VQASSQRFQ!	352	80
>NOTCH1-C1 VQASSQCFQ!	42	>NOTCH1-C1 VQASSQRFQ!	98	56
>NOTCH1-C1 VQASSQCF	39	>NOTCH1-C1 VQASSQRF	50	11
>NOTCH1-C1 VQASSQCFQ!	242	>NOTCH1-C1 VQASSQRFQ!	417	175
>NOTCH1-C1 VQASSQCF	358	>NOTCH1-C1 VQASSQRF	336	22
>NOTCH1-C1 VQASSQCF	3	>NOTCH1-C1 VQASSQRF	3	0
>NOTCH1-C1 VQASSQCFQ!	65	>NOTCH1-C1 VQASSQRFQ!	88	23
>NOTCH1-C1 CVQASSQC	26654	>NOTCH1-C1 CVQASSQR	467	26187
>NOTCH1-C1 CVQASSQC	23764	>NOTCH1-C1 CVQASSQR	262	23502
>NOTCH1-C1 CVQASSQC	35424	>NOTCH1-C1 CVQASSQR	110	35314
>NOTCH1-C1 CVQASSQCF	243	>NOTCH1-C1 CVQASSQRF	277	34
>NOTCH1-C1 CVQASSQCF	298	>NOTCH1-C1 CVQASSQRF	968	670
>NOTCH1-C1 CVQASSQCF	1736	>NOTCH1-C1 CVQASSQRF	102	1634
>NOTCH1-C1 QCVQASSQC	171	>NOTCH1-C1 QCVQASSQR	486	315
>NOTCH1-C1 QCVQASSQC	2533	>NOTCH1-C1 QCVQASSQR	293	2240
>NOTCH1-C1 RQCVQASSQ	27526	>NOTCH1-C1 RQCVQASSQ	86	27440
>NOTCH1-C1 RQCVQASSQ	43	>NOTCH1-C1 RQCVQASSQ	50	7
>NOTCH1-C1 RQCVQASSQ	1621	>NOTCH1-C1 RQCVQASSQ	466	1155
>NOTCH1-C1 RQCVQASSQ	3	>NOTCH1-C1 RQCVQASSQ	5	2
>NOTCH1-C1 RQCVQASSQ	932	>NOTCH1-C1 RQCVQASSQ	89	843
>NOTCH1-D1 DAHGQQMIF	468	>NOTCH1-D1 VAHGQQMIF	14740	14272



>NOTCH1-D1DAHGQQMIF	194	>NOTCH1-D1VAHGQQMIF	1730	1536
>NOTCH1-D1DAHGQQMIF	452	>NOTCH1-D1VAHGQQMIF	94	358
>NOTCH1-D1DAHGQQMIF	1755	>NOTCH1-D1VAHGQQMIF	177	1578
>NOTCH1-D1DAHGQQMIF	7184	>NOTCH1-D1VAHGQQMIF	396	6788
>NOTCH1-D1DAHGQQMIF	5315	>NOTCH1-D1VAHGQQMIF	244	5071
>NOTCH1-D1DAHGQQMIF	2496	>NOTCH1-D1VAHGQQMIF	111	2385
>NOTCH1-D1DAHGQQMIF	5384	>NOTCH1-D1VAHGQQMIF	74	5310
>NOTCH1-D1DAHGQQMIF	1326	>NOTCH1-D1VAHGQQMIF	16	1310
>NOTCH1-D1DAHGQQMIF	45	>NOTCH1-D1VAHGQQMIF	42	3
>NOTCH1-D1DAHGQQMIF	11168	>NOTCH1-D1VAHGQQMIF	85	11083
>NOTCH1-D1DAHGQQMI	3552	>NOTCH1-D1VAHGQQMI	445	3107
>NOTCH1-D1RDAHGQQM	11261	>NOTCH1-D1RVAHGQQM	304	10957
>NOTCH1-D1RDAHGQQM	15705	>NOTCH1-D1RVAHGQQM	495	15210
>NOTCH1-D1RDAHGQQM	10544	>NOTCH1-D1RVAHGQQM	150	10394
>NOTCH1-D1RDAHGQQM	11076	>NOTCH1-D1RVAHGQQM	97	10979
>NOTCH1-D1RDAHGQQM	8339	>NOTCH1-D1RVAHGQQM	296	8043
>NOTCH1-D1RDAHGQQM	5521	>NOTCH1-D1RVAHGQQM	205	5316
>NOTCH1-D1RDAHGQQM	148	>NOTCH1-D1RVAHGQQM	45	103
>NOTCH1-D1RDAHGQQM	9862	>NOTCH1-D1RVAHGQQM	29	9833
>NOTCH1-D1RDAHGQQM	12807	>NOTCH1-D1RVAHGQQM	68	12739
>NOTCH1-D1RDAHGQQM	17283	>NOTCH1-D1RVAHGQQM	271	17012
>NOTCH1-D1RDAHGQQM	18142	>NOTCH1-D1RVAHGQQM	263	17879
>NOTCH1-D1RDAHGQQM	5615	>NOTCH1-D1RVAHGQQM	19	5596
>NOTCH1-D1RDAHGQQM	1954	>NOTCH1-D1RVAHGQQM	387	1567
>NOTCH1-D1RDAHGQQM	1822	>NOTCH1-D1RVAHGQQM	117	1705
>NOTCH1-D1RDAHGQQM	269	>NOTCH1-D1RVAHGQQM	13342	13073
>NOTCH1-D1RDAHGQQM	325	>NOTCH1-D1RVAHGQQM	67	258
>NOTCH1-D1RDAHGQQM	133	>NOTCH1-D1RVAHGQQM	19267	19134
>NOTCH1-D1VLHTNVVFKF	24535	>NOTCH1-D1VLHTNVVFKF	391	24144
>NOTCH1-D1VLHTNVVFKF	19808	>NOTCH1-D1VLHTNVVFKF	246	19562
>NOTCH1-D1VLHTNVVFKF	20272	>NOTCH1-D1VLHTNVVFKF	19	20253
>NOTCH1-D1VLHTNVVFKF	9888	>NOTCH1-D1VLHTNVVFKF	3	9885
>NOTCH1-D1VLHTNVVFKF	22108	>NOTCH1-D1VLHTNVVFKF	29	22079
>NOTCH1-D1VLHTNVVFKF	21598	>NOTCH1-D1VLHTNVVFKF	31	21567
>NOTCH1-D1VLHTNVVFKF	26217	>NOTCH1-D1VLHTNVVFKF	69	26148
>NOTCH1-D1VLHTNVVFKF	15043	>NOTCH1-D1VLHTNVVFKF	2	15041
>NOTCH1-D1KRDAHGQQM	1167	>NOTCH1-D1KRVAHGQQM	58	1109
>NOTCH1-D1KRDAHGQQM	2070	>NOTCH1-D1KRVAHGQQM	142	1928
>NOTCH1-D1KRDAHGQQM	135	>NOTCH1-D1KRVAHGQQM	10	125
>NOTCH1-D1KRDAHGQQM	989	>NOTCH1-D1KRVAHGQQM	80	909
>NOTCH1-D1KRDAHGQQM	146	>NOTCH1-D1KRVAHGQQM	48	98
>NOTCH1-D1KRDAHGQQM	2493	>NOTCH1-D1KRVAHGQQM	289	2204
>NOTCH1-D1KRDAHGQQM	135	>NOTCH1-D1KRVAHGQQM	155	20

>NOTCH1-D1KRDAHGQQM	375	>NOTCH1-D1KRVAHGQQM	196	179
>NOTCH1-D1KRDAHGQQM	230	>NOTCH1-D1KRVAHGQQM	167	63
>NOTCH1-D1KRDAHGQQM	720	>NOTCH1-D1KRVAHGQQM	410	310
>NOTCH1-D1FKRDAHGQQ	17	>NOTCH1-D1FKRVAHGQQ	13	4
>NOTCH1-D1FKRDAHGQQ	43	>NOTCH1-D1FKRVAHGQQ	32	11
>NOTCH1-D1TNVVFKRDR	21181	>NOTCH1-D1TNVVFKRVR	67	21114
>NOTCH1-D1HTNVVFKRDR	1407	>NOTCH1-D1HTNVVFKRVR	309	1098
>NOTCH1-D1HTNVVFKRDR	14407	>NOTCH1-D1HTNVVFKRVR	14	14393
>NOTCH1-D1HTNVVFKRDR	19630	>NOTCH1-D1HTNVVFKRVR	301	19329
>NOTCH1-D1DALLGQVK	11402	>NOTCH1-D1HALLGQVK	86	11316
>NOTCH1-D1DALLGQVKA	5682	>NOTCH1-D1HALLGQVKA	92	5590
>NOTCH1-D1DALLGQVKA	8689	>NOTCH1-D1HALLGQVKA	383	8306
>NOTCH1-D1PDALLGQV	130	>NOTCH1-D1PHALLGQV	17821	17691
>NOTCH1-D1KRAAEGWAA	2744	>NOTCH1-D1KRAAEGWAA	198	2546
>NOTCH1-D1APDALLGQV	534	>NOTCH1-D1APHALLGQV	30	504
>NOTCH1-D1APDALLGQV	432	>NOTCH1-D1APHALLGQV	140	292
>NOTCH1-D1AAPDALLGQ	280	>NOTCH1-D1AAPHALLGQ	943	663
>NOTCH1-D1AAPDALLGQ	275	>NOTCH1-D1AAPHALLGQ	1699	1424
>NOTCH1-D1AAPDALLGQ	47	>NOTCH1-D1AAPHALLGQ	914	867
>NOTCH1-D1AAPDALLGQ	67	>NOTCH1-D1AAPHALLGQ	280	213
>NOTCH1-D1WAAPDALL	290	>NOTCH1-D1WAAPHALL	187	103
>NOTCH1-D1WAAPDALLG	388	>NOTCH1-D1WAAPHALLG	225	163
>NOTCH1-D1WAAPDALLG	148	>NOTCH1-D1WAAPHALLG	54	94
>NOTCH1-D1WAAPDALL	472	>NOTCH1-D1WAAPHALL	390	82
>NOTCH1-D1WAAPDALLG	122	>NOTCH1-D1WAAPHALLG	99	23
>NOTCH1-D1WAAPDALLG	670	>NOTCH1-D1WAAPHALLG	491	179
>NOTCH1-D1WAAPDALLG	73	>NOTCH1-D1WAAPHALLG	91	18
>NOTCH1-D1WAAPDALL	92	>NOTCH1-D1WAAPHALL	87	5
>NOTCH1-D1WAAPDALLG	42	>NOTCH1-D1WAAPHALLG	36	6
>NOTCH1-D1WAAPDALL	1575	>NOTCH1-D1WAAPHALL	337	1238
>NOTCH1-D1WAAPDALLG	53	>NOTCH1-D1WAAPHALLG	36	17
>NOTCH1-D1WAAPDALL	121	>NOTCH1-D1WAAPHALL	51	70
>NOTCH1-D1WAAPDALL	191	>NOTCH1-D1WAAPHALL	269	78
>NOTCH1-D1WAAPDALL	985	>NOTCH1-D1WAAPHALL	113	872
>NOTCH1-D1WAAPDALL	499	>NOTCH1-D1WAAPHALL	463	36
>NOTCH1-D1GWAAPDAL	275	>NOTCH1-D1GWAAPHAL	212	63
>NOTCH1-D1EGWAAPDAL	2021	>NOTCH1-D1EGWAAPHAL	136	1885
>NOTCH1-D1EGWAAPDAL	2577	>NOTCH1-D1EGWAAPHAL	292	2285
>NOTCH1-D1EGWAAPDAL	186	>NOTCH1-D1EGWAAPHAL	213	27
>NOTCH1-D1EGWAAPDAL	3791	>NOTCH1-D1EGWAAPHAL	461	3330
>NOTCH1-D1AEGWAAPDA	801	>NOTCH1-D1AEGWAAPHA	499	302
>NOTCH1-D1AEGWAAPDA	22	>NOTCH1-D1AEGWAAPHA	17	5
>NOTCH1-D1AEGWAAPDA	168	>NOTCH1-D1AEGWAAPHA	50	118

>NOTCH1-D1AEGWAAPDA	1006	>NOTCH1-D1AEGWAAPHA	296	710
>NOTCH1-D1AEGWAAPDA	340	>NOTCH1-D1AEGWAAPHA	483	143
>NOTCH1-D1AEGWAAPDA	168	>NOTCH1-D1AEGWAAPHA	215	47
>NOTCH1-D1AEGWAAPD	243	>NOTCH1-D1AEGWAAPH	184	59
>NOTCH1-D1AEGWAAPDA	7	>NOTCH1-D1AEGWAAPHA	8	1
>NOTCH1-D1AEGWAAPDA	439	>NOTCH1-D1AEGWAAPHA	258	181
>NOTCH1-D1AEGWAAPDA	310	>NOTCH1-D1AEGWAAPHA	115	195
>NOTCH1-D1AEGWAAPDA	391	>NOTCH1-D1AEGWAAPHA	333	58
>NOTCH1-D1AEGWAAPDA	31	>NOTCH1-D1AEGWAAPHA	23	8
>NOTCH1-D1AEGWAAPDA	54	>NOTCH1-D1AEGWAAPHA	55	1
>NOTCH1-D1AAEGWAAPL	803	>NOTCH1-D1AAEGWAAPL	285	518
>NOTCH1-D1AAEGWAAPL	232	>NOTCH1-D1AAEGWAAPL	46	186
>NOTCH1-D1RAAEGWAAF	336	>NOTCH1-D1RAAEGWAAF	45	291
>NOTCH1-D1RAAEGWAAF	1795	>NOTCH1-D1RAAEGWAAF	287	1508
>NOTCH1-D1RAAEGWAAF	4765	>NOTCH1-D1RAAEGWAAF	115	4650
>NOTCH1-D1EIDNRQCV	260	>NOTCH1-D1EIGNRQCV	209	51
>NOTCH1-D1EIDNRQCV	351	>NOTCH1-D1EIGNRQCV	1480	1129
>NOTCH1-D1LEIDNRQCV	364	>NOTCH1-D1LEIGNRQCV	504	140
>NOTCH1-D1LEIDNRQCV	391	>NOTCH1-D1LEIGNRQCV	296	95
>NOTCH1-D1LEIDNRQCV	418	>NOTCH1-D1LEIGNRQCV	187	231
>NOTCH1-D1LEIDNRQCV	275	>NOTCH1-D1LEIGNRQCV	199	76
>NOTCH1-D1LEIDNRQCVC	412	>NOTCH1-D1LEIGNRQCVC	382	30
>NOTCH1-D1LEIDNRQCV	903	>NOTCH1-D1LEIGNRQCV	323	580
>NOTCH1-D1LEIDNRQCVC	773	>NOTCH1-D1LEIGNRQCVC	333	440
>NOTCH1-D1LEIDNRQCV	25	>NOTCH1-D1LEIGNRQCV	77	52
>NOTCH1-D1LEIDNRQCVC	231	>NOTCH1-D1LEIGNRQCVC	689	458
>NOTCH1-D1YLEIDNRQCV	358	>NOTCH1-D1YLEIGNRQCV	368	10
>NOTCH1-D1YLEIDNRQCV	265	>NOTCH1-D1YLEIGNRQCV	248	17
>NOTCH1-D1YLEIDNRQCV	442	>NOTCH1-D1YLEIGNRQCV	421	21
>NOTCH1-D1YLEIDNRQCV	30	>NOTCH1-D1YLEIGNRQCV	22	8
>NOTCH1-D1YLEIDNRQCV	28	>NOTCH1-D1YLEIGNRQCV	37	9
>NOTCH1-D1YLEIDNRQCV	41	>NOTCH1-D1YLEIGNRQCV	30	11
>NOTCH1-D1YLEIDNRQCV	181	>NOTCH1-D1YLEIGNRQCV	198	17
>NOTCH1-D1YLEIDNRQ	250	>NOTCH1-D1YLEIGNRQ	125	125
>NOTCH1-D1YLEIDNRQC	291	>NOTCH1-D1YLEIGNRQC	121	170
>NOTCH1-D1YLEIDNRQCV	3	>NOTCH1-D1YLEIGNRQCV	3	0
>NOTCH1-D1YLEIDNRQCV	144	>NOTCH1-D1YLEIGNRQCV	90	54
>NOTCH1-D1VYLEIDNRQC	428	>NOTCH1-D1VYLEIGNRQC	494	66
>NOTCH1-D1VYLEIDNRQC	294	>NOTCH1-D1VYLEIGNRQC	281	13
>NOTCH1-D1VYLEIDNR	286	>NOTCH1-D1VYLEIGNR	137	149
>NOTCH1-D1VYLEIDNR	120	>NOTCH1-D1VYLEIGNR	102	18
>NOTCH1-D1VYLEIDNR	43	>NOTCH1-D1VYLEIGNR	53	10
>NOTCH1-D1IVYLEIDNR	3076	>NOTCH1-D1IVYLEIGNR	284	2792

>NOTCH1-D1IVYLEIDNR	353	>NOTCH1-D1IVYLEIGNR	486	133
>NOTCH1-D1IVYLEIDNR	564	>NOTCH1-D1IVYLEIGNR	233	331
>NOTCH1-D1IVYLEIDNR	636	>NOTCH1-D1IVYLEIGNR	357	279
>NOTCH1-D1IVYLEIDNR	39	>NOTCH1-D1IVYLEIGNR	50	11
>NOTCH1-D1IVYLEIDNR	195	>NOTCH1-D1IVYLEIGNR	201	6
>NOTCH1-D1SIVYLEIDNR	491	>NOTCH1-D1SIVYLEIGNR	644	153
>NOTCH1-D1SIVYLEIDNR	831	>NOTCH1-D1SIVYLEIGNR	408	423
>NOTCH1-D1SIVYLEIDNR	33	>NOTCH1-D1SIVYLEIGNR	67	34
>NOTCH1-D1SIVYLEIDNR	272	>NOTCH1-D1SIVYLEIGNR	235	37
>NOTCH1-D1GSIVYLEIDNR	263	>NOTCH1-D1GSIVYLEIGNR	157	106
>NOTCH1-D1GSIVYLEIDNR	215	>NOTCH1-D1GSIVYLEIGNR	290	75
>NOTCH1-D1GSIVYLEIDNR	170	>NOTCH1-D1GSIVYLEIGNR	160	10
>NOTCH1-DÉ DRDNAYLCF	1572	>NOTCH1-DÉ YRDNAYLCF	64	1508
>NOTCH1-DÉ DRDNAYLCF	6173	>NOTCH1-DÉ YRDNAYLCF	257	5916
>NOTCH1-DÉ DRDNAYLCFC	7414	>NOTCH1-DÉ YRDNAYLCFC	448	6966
>NOTCH1-DÉ DRDNAYLCF	7128	>NOTCH1-DÉ YRDNAYLCF	310	6818
>NOTCH1-DÉ DRDNAYLCFC	916	>NOTCH1-DÉ YRDNAYLCFC	36	880
>NOTCH1-DÉ QDRDNAYLCF	9550	>NOTCH1-DÉ QYRDNAYLCF	17	9533
>NOTCH1-DÉ QDRDNAYLCF	19412	>NOTCH1-DÉ QYRDNAYLCF	47	19365
>NOTCH1-DÉ QDRDNAYL	26394	>NOTCH1-DÉ QYRDNAYL	87	26307
>NOTCH1-DÉ QDRDNAYLCF	24042	>NOTCH1-DÉ QYRDNAYLCF	24	24018
>NOTCH1-DÉ QDRDNAYL	10009	>NOTCH1-DÉ QYRDNAYL	56	9953
>NOTCH1-DÉ QDRDNAYLCF	13739	>NOTCH1-DÉ QYRDNAYLCF	456	13283
>NOTCH1-DÉ QDRDNAYLCF	750	>NOTCH1-DÉ QYRDNAYLCF	397	353
>NOTCH1-DÉ QDRDNAYLCF	21391	>NOTCH1-DÉ QYRDNAYLCF	189	21202
>NOTCH1-DÉ QPCRHHGGTC	15865	>NOTCH1-DÉ QPCRHHGGTC	72	15793
>NOTCH1-DÉ CQDRDNAY	88	>NOTCH1-DÉ CQYRDNAY	12013	11925
>NOTCH1-DÉ CQDRDNAYL	1668	>NOTCH1-DÉ CQYRDNAYL	262	1406
>NOTCH1-DÉ CQDRDNAYL	219	>NOTCH1-DÉ CQYRDNAYL	58	161
>NOTCH1-DÉ CQDRDNAYLC	6009	>NOTCH1-DÉ CQYRDNAYLC	409	5600
>NOTCH1-DÉ CQDRDNAY	406	>NOTCH1-DÉ CQYRDNAY	91	315
>NOTCH1-DÉ CQDRDNAY	1970	>NOTCH1-DÉ CQYRDNAY	67	1903
>NOTCH1-DÉ CQDRDNAYLC	3635	>NOTCH1-DÉ CQYRDNAYLC	75	3560
>NOTCH1-DÉ CQDRDNAY	1826	>NOTCH1-DÉ CQYRDNAY	120	1706
>NOTCH1-DÉ CQDRDNAY	898	>NOTCH1-DÉ CQYRDNAY	7	891
>NOTCH1-DÉ CQDRDNAYL	5255	>NOTCH1-DÉ CQYRDNAYL	40	5215
>NOTCH1-DÉ CQDRDNAYLC	206	>NOTCH1-DÉ CQYRDNAYLC	3	203
>NOTCH1-DÉ CQDRDNAY	1692	>NOTCH1-DÉ CQYRDNAY	415	1277
>NOTCH1-DÉ CQDRDNAY	499	>NOTCH1-DÉ CQYRDNAY	1881	1382
>NOTCH1-DÉ TCQDRDNAY	1090	>NOTCH1-DÉ TCQYRDNAY	450	640
>NOTCH1-DÉ GTCQDRDNA	172	>NOTCH1-DÉ GTCQYRDNA	242	70
>NOTCH1-DÉ GTCQDRDNA	175	>NOTCH1-DÉ GTCQYRDNA	143	32
>NOTCH1-DÉ GTCQDRDNA	2101	>NOTCH1-DÉ GTCQYRDNA	366	1735

>NOTCH1-D€ GTCQDRDNA	608	>NOTCH1-D€ GTCQYRDNA	377	231
>NOTCH1-D€ GTCQDRDNA	313	>NOTCH1-D€ GTCQYRDNA	115	198
>NOTCH1-D€ GTCQDRDNA	716	>NOTCH1-D€ GTCQYRDNA	264	452
>NOTCH1-D€ GTCQDRDNA	452	>NOTCH1-D€ GTCQYRDNA	247	205
>NOTCH1-D€ GGTCQDRDN	478	>NOTCH1-D€ GGTCQYRDN	886	408
>NOTCH1-D€ HGGTCQDR	6746	>NOTCH1-D€ HGGTCQYR	200	6546
>NOTCH1-D€ HGGTCQDR	179	>NOTCH1-D€ HGGTCQYR	19	160
>NOTCH1-D€ RHGGTCQDR	856	>NOTCH1-D€ RHGGTCQYR	36	820
>NOTCH1-D€ CRHGGTCQD	312	>NOTCH1-D€ CRHGGTCQY	151	161
>NOTCH1-D€ CRHGGTCQD	2336	>NOTCH1-D€ CRHGGTCQY	149	2187
>NOTCH1-E1 EQLRNSSFHF	1102	>NOTCH1-E1 GQLRNSSFHF	187	915
>NOTCH1-E1 EQLRNSSFHF	189	>NOTCH1-E1 GQLRNSSFHF	434	245
>NOTCH1-E1 EQLRNSSFHF	3773	>NOTCH1-E1 GQLRNSSFHF	435	3338
>NOTCH1-E1 EQLRNSSFHF	69	>NOTCH1-E1 GQLRNSSFHF	14	55
>NOTCH1-E1 EQLRNSSFHF	1832	>NOTCH1-E1 GQLRNSSFHF	298	1534
>NOTCH1-E1 EQLRNSSFHF	914	>NOTCH1-E1 GQLRNSSFHF	21	893
>NOTCH1-E1 EQLRNSSFHF	3527	>NOTCH1-E1 GQLRNSSFHF	235	3292
>NOTCH1-E1 EQLRNSSFHF	406	>NOTCH1-E1 GQLRNSSFHF	16128	15722
>NOTCH1-E1 EQLRNSSF	113	>NOTCH1-E1 GQLRNSSF	58	55
>NOTCH1-E1 EQLRNSSFHF	84	>NOTCH1-E1 GQLRNSSFHF	48	36
>NOTCH1-E1 EQLRNSSF	209	>NOTCH1-E1 GQLRNSSF	178	31
>NOTCH1-E1 EQLRNSSF	4	>NOTCH1-E1 GQLRNSSF	4	0
>NOTCH1-E1 EQLRNSSFH	723	>NOTCH1-E1 GQLRNSSFH	471	252
>NOTCH1-E1 EQLRNSSFHF	6	>NOTCH1-E1 GQLRNSSFHF	5	1
>NOTCH1-E1 EQLRNSSFHF	136	>NOTCH1-E1 GQLRNSSFHF	63	73
>NOTCH1-E1 EQLRNSSFHF	230	>NOTCH1-E1 GQLRNSSFHF	1246	1016
>NOTCH1-E1 EQLRNSSFHF	4890	>NOTCH1-E1 GQLRNSSFHF	92	4798
>NOTCH1-E1 MPPEQLRNS:	395	>NOTCH1-E1 MPPGQLRNS	131	264
>NOTCH1-E1 MPPEQLRNS:	124	>NOTCH1-E1 MPPGQLRNS	61	63
>NOTCH1-E1 MPPEQLRNS:	34	>NOTCH1-E1 MPPGQLRNS	48	14
>NOTCH1-E1 MPPEQLRNS:	137	>NOTCH1-E1 MPPGQLRNS	187	50
>NOTCH1-E1 LMPPEQLR	960	>NOTCH1-E1 LMPPGQLR	283	677
>NOTCH1-E1 LMPPEQLR	303	>NOTCH1-E1 LMPPGQLR	653	350
>NOTCH1-E1 VLMPPPEQL	57	>NOTCH1-E1 VLMPPGQL	171	114
>NOTCH1-E1 VLMPPPEQL	19	>NOTCH1-E1 VLMPPGQL	53	34
>NOTCH1-E1 VLMPPPEQL	87	>NOTCH1-E1 VLMPPGQL	28	59
>NOTCH1-E1 VLMPPPEQL	329	>NOTCH1-E1 VLMPPGQL	648	319
>NOTCH1-E1 VLMPPPEQL	5	>NOTCH1-E1 VLMPPGQL	6	1
>NOTCH1-E1 VLMPPPEQL	27	>NOTCH1-E1 VLMPPGQL	48	21
>NOTCH1-E1 VLMPPPEQL	37	>NOTCH1-E1 VLMPPGQL	86	49
>NOTCH1-E1 VLMPPPEQL	6	>NOTCH1-E1 VLMPPGQL	14	8
>NOTCH1-E1 VLMPPPEQL	4	>NOTCH1-E1 VLMPPGQL	5	1
>NOTCH1-E1 VLMPPPEQLR	740	>NOTCH1-E1 VLMPPGQLR	273	467

>NOTCH1-E1 VLMPPEQLR	740	>NOTCH1-E1 VLMPPGQLR	349	391
>NOTCH1-E1 VLMPPEQLR	250	>NOTCH1-E1 VLMPPGQLR	114	136
>NOTCH1-E1 VVLMPPPEQL	50	>NOTCH1-E1 VVLMPPGQL	186	136
>NOTCH1-E1 VVLMPPPEQL	441	>NOTCH1-E1 VVLMPPGQL	156	285
>NOTCH1-E1 VVLMPPPEQL	173	>NOTCH1-E1 VVLMPPGQL	76	97
>NOTCH1-E1 VVVLMPPPEQ	574	>NOTCH1-E1 VVVLMPPGQ	470	104
>NOTCH1-E1 VVVLMPPPEQ	177	>NOTCH1-E1 VVVLMPPGQ	291	114
>NOTCH1-E1 VVVVLMPPPEQ	521	>NOTCH1-E1 VVVVLMPPG	401	120
>NOTCH1-E1 VVVVLMPPPEQ	412	>NOTCH1-E1 VVVVLMPPG	340	72
>NOTCH1-E1 VVVVLMPPPEQ	403	>NOTCH1-E1 VVVVLMPPG	323	80
>NOTCH1-F1 HFSDGHCDQ	20677	>NOTCH1-F1 HLSDBGHCDQ	14	20663
>NOTCH1-F1 HFSDGHCDQ	13300	>NOTCH1-F1 HLSDBGHCDQ	20	13280
>NOTCH1-F1 PLYDQYCKDF	8898	>NOTCH1-F1 PLYDQYCKDF	164	8734
>NOTCH1-F1 PLYDQYCKDF	4071	>NOTCH1-F1 PLYDQYCKDF	75	3996
>NOTCH1-F1 PLYDQYCKDF	10230	>NOTCH1-F1 PLYDQYCKDF	54	10176
>NOTCH1-F1 PLYDQYCKDF	3833	>NOTCH1-F1 PLYDQYCKDF	23	3810
>NOTCH1-F1 DQYCKDHF	131	>NOTCH1-F1 DQYCKDHL	1861	1730
>NOTCH1-F1 LYDQYCKDHF	143	>NOTCH1-F1 LYDQYCKDHL	2758	2615
>NOTCH1-F1 LYDQYCKDHF	133	>NOTCH1-F1 LYDQYCKDHL	3460	3327
>NOTCH1-F1 LYDQYCKDHF	16	>NOTCH1-F1 LYDQYCKDHL	80	64
>NOTCH1-F1 LYDQYCKDHF	669	>NOTCH1-F1 LYDQYCKDHL	147	522
>NOTCH1-F1 FLRELSRV	40	>NOTCH1-F1 CLRELSRV	1901	1861
>NOTCH1-F1 FLRELSRV	8	>NOTCH1-F1 CLRELSRV	464	456
>NOTCH1-F1 FLRELSRVL	89	>NOTCH1-F1 CLRELSRVL	2756	2667
>NOTCH1-F1 FLRELSRV	2	>NOTCH1-F1 CLRELSRV	17	15
>NOTCH1-F1 FLRELSRVL	11	>NOTCH1-F1 CLRELSRVL	767	756
>NOTCH1-F1 FLRELSRVLHT	29	>NOTCH1-F1 CLRELSRVLHT	1230	1201
>NOTCH1-F1 FLRELSRV	26	>NOTCH1-F1 CLRELSRV	3171	3145
>NOTCH1-F1 FLRELSRV	2	>NOTCH1-F1 CLRELSRV	28	26
>NOTCH1-F1 FLRELSRVL	15	>NOTCH1-F1 CLRELSRVL	1208	1193
>NOTCH1-F1 FLRELSRVLHT	200	>NOTCH1-F1 CLRELSRVLHT	6533	6333
>NOTCH1-F1 FLRELSRV	6	>NOTCH1-F1 CLRELSRV	174	168
>NOTCH1-F1 FLRELSRVL	53	>NOTCH1-F1 CLRELSRVL	2752	2699
>NOTCH1-F1 FLRELSRV	10	>NOTCH1-F1 CLRELSRV	471	461
>NOTCH1-F1 FLRELSRVL	200	>NOTCH1-F1 CLRELSRVL	10008	9808
>NOTCH1-F1 FLRELSRV	21	>NOTCH1-F1 CLRELSRV	418	397
>NOTCH1-F1 FLRELSRV	1	>NOTCH1-F1 CLRELSRV	5	4
>NOTCH1-F1 FLRELSRVL	8	>NOTCH1-F1 CLRELSRVL	781	773
>NOTCH1-F1 FLRELSRVLHT	35	>NOTCH1-F1 CLRELSRVLHT	3742	3707
>NOTCH1-F1 FLRELSRVL	282	>NOTCH1-F1 CLRELSRVL	2856	2574
>NOTCH1-F1 FLRELSRVL	65	>NOTCH1-F1 CLRELSRVL	709	644
>NOTCH1-F1 FLRELSRVL	123	>NOTCH1-F1 CLRELSRVL	1787	1664
>NOTCH1-F1 FLRELSRVL	470	>NOTCH1-F1 CLRELSRVL	8561	8091

>NOTCH1-F1 HFLRELSRVL	56	>NOTCH1-F1 HCLRELSRVL	13521	13465
>NOTCH1-F1 HFLRELSR	54	>NOTCH1-F1 HCLRELSR	2589	2535
>NOTCH1-F1 HFLRELSR	37	>NOTCH1-F1 HCLRELSR	890	853
>NOTCH1-F1 HFLRELSR	38	>NOTCH1-F1 HCLRELSR	88	50
>NOTCH1-F1 FHFLRELSRVL	251	>NOTCH1-F1 FHCLRELSRVI	3311	3060
>NOTCH1-F1 FHFLRELSRVL	86	>NOTCH1-F1 FHCLRELSRVI	324	238
>NOTCH1-F1 FHFLRELSRVL	13	>NOTCH1-F1 FHCLRELSRVI	27	14
>NOTCH1-F1 SFHFLREL	1115	>NOTCH1-F1 SFHCLREL	487	628
>NOTCH1-F1 SFHFLRELSRV	1044	>NOTCH1-F1 SFHCLRELSRV	399	645
>NOTCH1-F1 SFHFLREL	216	>NOTCH1-F1 SFHCLREL	188	28
>NOTCH1-F1 SFHFLRELSR	24	>NOTCH1-F1 SFHCLRELSR	47	23
>NOTCH1-F1 SFHFLRELSR	70	>NOTCH1-F1 SFHCLRELSR	87	17
>NOTCH1-F1 SFHFLRELSR	211	>NOTCH1-F1 SFHCLRELSR	569	358
>NOTCH1-F1 SFHFLRELSR	358	>NOTCH1-F1 SFHCLRELSR	99	259
>NOTCH1-F1 SFHFLRELSR	74	>NOTCH1-F1 SFHCLRELSR	41	33
>NOTCH1-F1 SFHFLREL	366	>NOTCH1-F1 SFHCLREL	695	329
>NOTCH1-F1 SFHFLREL	230	>NOTCH1-F1 SFHCLREL	569	339
>NOTCH1-F1 SSFHFLREL	16	>NOTCH1-F1 SSFHCLREL	162	146
>NOTCH1-F1 SSFHFLREL	350	>NOTCH1-F1 SSFHCLREL	828	478
>NOTCH1-F1 SSFHFLRELSR	31	>NOTCH1-F1 SSFHCLRELSF	71	40
>NOTCH1-F1 SSFHFLRELSR	41	>NOTCH1-F1 SSFHCLRELSF	57	16
>NOTCH1-F1 SSFHFLREL	167	>NOTCH1-F1 SSFHCLREL	1978	1811
>NOTCH1-F1 SSFHFLRELSR	424	>NOTCH1-F1 SSFHCLRELSF	649	225
>NOTCH1-F1 SSFHFLRELSR	26	>NOTCH1-F1 SSFHCLRELSF	57	31
>NOTCH1-F1 SSFHFLREL	369	>NOTCH1-F1 SSFHCLREL	619	250
>NOTCH1-F1 SSFHFLREL	86	>NOTCH1-F1 SSFHCLREL	145	59
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>NOTCH1-F1 SSFHFLREL	57	>NOTCH1-F1 SSFHCLREL	48	9
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>NOTCH1-F1 SSFHFLRELSR	67	>NOTCH1-F1 SSFHCLRELSF	86	19
>NOTCH1-F1 SSFHFLRELSR	316	>NOTCH1-F1 SSFHCLRELSF	306	10
>NOTCH1-F1 SSFHFLREL	52	>NOTCH1-F1 SSFHCLREL	73	21
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>NOTCH1-F1 NSSFHFLR	23	>NOTCH1-F1 NSSFHCLR	131	108
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>NOTCH1-F1 RNSSFHFLR	7	>NOTCH1-F1 RNSSFHCLR	18	11
>NOTCH1-F1 RNSSFHFLR	46	>NOTCH1-F1 RNSSFHCLR	193	147
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>NOTCH1-F1 LRNSSFHFL	492	>NOTCH1-F1 LRNSSFHCL	20576	20084
>NOTCH1-F1 LRNSSFHFLR	34	>NOTCH1-F1 LRNSSFHCLR	52	18
>NOTCH1-F1 LRNSSFHFLR	112	>NOTCH1-F1 LRNSSFHCLR	207	95
>NOTCH1-F1 LRNSSFHF	8	>NOTCH1-F1 LRNSSFHC	1898	1890
>NOTCH1-F1 LRNSSFHFL	65	>NOTCH1-F1 LRNSSFHCL	46	19
>NOTCH1-F1 LRNSSFHF	171	>NOTCH1-F1 LRNSSFHC	5870	5699
>NOTCH1-F1 LRNSSFHFL	113	>NOTCH1-F1 LRNSSFHCL	153	40
>NOTCH1-F1 LRNSSFHFLR	304	>NOTCH1-F1 LRNSSFHCLR	618	314
>NOTCH1-F1 LRNSSFHFL	373	>NOTCH1-F1 LRNSSFHCL	126	247
>NOTCH1-F1 LRNSSFHFL	48	>NOTCH1-F1 LRNSSFHCL	138	90
>NOTCH1-F1 LRNSSFHFLR	285	>NOTCH1-F1 LRNSSFHCLR	322	37
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>NOTCH1-F1 QLRNSSFHFL	132	>NOTCH1-F1 QLRNSSFHCL	366	234
>NOTCH1-F1 QLRNSSFHFL	11	>NOTCH1-F1 QLRNSSFHCL	23	12
>NOTCH1-F1 QLRNSSFHFL	183	>NOTCH1-F1 QLRNSSFHCL	414	231
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>NOTCH1-F1 QLRNSSFHFL	49	>NOTCH1-F1 QLRNSSFHCL	77	28
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>NOTCH1-F1 QLRNSSFHFL	166	>NOTCH1-F1 QLRNSSFHCL	128	38
>NOTCH1-F1 QLRNSSFHF	74	>NOTCH1-F1 QLRNSSFHC	19014	18940
>NOTCH1-F1 QLRNSSFHFL	260	>NOTCH1-F1 QLRNSSFHCL	211	49
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>NOTCH1-F1 EQLRNSSFHF	136	>NOTCH1-F1 EQLRNSSFHC	99	37
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>NOTCH1-F1 SFHFLRELSR	24	>NOTCH1-F1 SFHLLRELSR	40	16
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>NOTCH1-F1 SFHFLRELSR	358	>NOTCH1-F1 SFHLLRELSR	456	98
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>NOTCH1-F1 LRNSSFHFL	373	>NOTCH1-F1 LRNSSFHLL	180	193
>NOTCH1-F1 LRNSSFHFL	48	>NOTCH1-F1 LRNSSFHLL	29	19
>NOTCH1-F1 LRNSSFHFLR	285	>NOTCH1-F1 LRNSSFHLLR	278	7
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>NOTCH1-F1 QLRNSSFHF	74	>NOTCH1-F1 QLRNSSFHL	1131	1057
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>NOTCH1-F1 EQLRNSSFHF	189	>NOTCH1-F1 EQLRNSSFHL	560	371
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>NOTCH1-F1 FHFLRELSRVL	13	>NOTCH1-F1 FHSLRELSRVL	20	7
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>NOTCH1-F1 SFHFLREL	230	>NOTCH1-F1 SFHSLREL	250	20
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>NOTCH1-F1 SSFHFLREL	350	>NOTCH1-F1 SSFHSLREL	1443	1093
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>NOTCH1-F1 NSSFHFLR	5	>NOTCH1-F1 NSSFHSLR	7	2
>NOTCH1-F1 NSSFHFLR	142	>NOTCH1-F1 NSSFHSLR	784	642
>NOTCH1-F1 NSSFHFLR	356	>NOTCH1-F1 NSSFHSLR	1822	1466
>NOTCH1-F1 RNSSFHFL	570	>NOTCH1-F1 RNSSFHSL	304	266
>NOTCH1-F1 RNSSFHFLR	7	>NOTCH1-F1 RNSSFHSLR	17	10
>NOTCH1-F1 RNSSFHFLR	46	>NOTCH1-F1 RNSSFHSLR	92	46
>NOTCH1-F1 RNSSFHFL	665	>NOTCH1-F1 RNSSFHSL	193	472
>NOTCH1-F1 RNSSFHFLREI	626	>NOTCH1-F1 RNSSFHSLREI	372	254
>NOTCH1-F1 RNSSFHFLR	5234	>NOTCH1-F1 RNSSFHSLR	338	4896
>NOTCH1-F1 RNSSFHFLREI	1021	>NOTCH1-F1 RNSSFHSLREI	481	540
>NOTCH1-F1 RNSSFHFLREI	466	>NOTCH1-F1 RNSSFHSLREI	720	254
>NOTCH1-F1 RNSSFHFLR	32	>NOTCH1-F1 RNSSFHSLR	85	53
>NOTCH1-F1 LRNSSFHFL	492	>NOTCH1-F1 LRNSSFHSL	3692	3200
>NOTCH1-F1 LRNSSFHFLR	34	>NOTCH1-F1 LRNSSFHSLR	110	76
>NOTCH1-F1 LRNSSFHFLR	112	>NOTCH1-F1 LRNSSFHSLR	272	160
>NOTCH1-F1 LRNSSFHF	8	>NOTCH1-F1 LRNSSFHS	2395	2387
>NOTCH1-F1 LRNSSFHFL	65	>NOTCH1-F1 LRNSSFHSL	19	46
>NOTCH1-F1 LRNSSFHFLR	1008	>NOTCH1-F1 LRNSSFHSLR	372	636
>NOTCH1-F1 LRNSSFHF	171	>NOTCH1-F1 LRNSSFHS	2222	2051
>NOTCH1-F1 LRNSSFHFL	113	>NOTCH1-F1 LRNSSFHSL	115	2
>NOTCH1-F1 LRNSSFHFLR	304	>NOTCH1-F1 LRNSSFHSLR	228	76
>NOTCH1-F1 LRNSSFHFL	373	>NOTCH1-F1 LRNSSFHSL	83	290
>NOTCH1-F1 LRNSSFHFL	48	>NOTCH1-F1 LRNSSFHSL	133	85
>NOTCH1-F1 LRNSSFHFLR	285	>NOTCH1-F1 LRNSSFHSLR	1291	1006
>NOTCH1-F1 QLRNSSFHFL	43	>NOTCH1-F1 QLRNSSFHSL	58	15
>NOTCH1-F1 QLRNSSFHFL	130	>NOTCH1-F1 QLRNSSFHSL	91	39
>NOTCH1-F1 QLRNSSFHFL	264	>NOTCH1-F1 QLRNSSFHSL	440	176
>NOTCH1-F1 QLRNSSFHFL	132	>NOTCH1-F1 QLRNSSFHSL	207	75
>NOTCH1-F1 QLRNSSFHFL	11	>NOTCH1-F1 QLRNSSFHSL	7	4
>NOTCH1-F1 QLRNSSFHFL	183	>NOTCH1-F1 QLRNSSFHSL	214	31
>NOTCH1-F1 QLRNSSFHF	964	>NOTCH1-F1 QLRNSSFHS	310	654
>NOTCH1-F1 QLRNSSFHFL	37	>NOTCH1-F1 QLRNSSFHSL	106	69
>NOTCH1-F1 QLRNSSFHFL	100	>NOTCH1-F1 QLRNSSFHSL	133	33
>NOTCH1-F1 QLRNSSFHFL	10	>NOTCH1-F1 QLRNSSFHSL	22	12
>NOTCH1-F1 QLRNSSFHFL	49	>NOTCH1-F1 QLRNSSFHSL	97	48
>NOTCH1-F1 QLRNSSFHFL	95	>NOTCH1-F1 QLRNSSFHSL	167	72
>NOTCH1-F1 QLRNSSFHF	26	>NOTCH1-F1 QLRNSSFHS	4321	4295
>NOTCH1-F1 QLRNSSFHFL	898	>NOTCH1-F1 QLRNSSFHSL	172	726
>NOTCH1-F1 QLRNSSFHF	102	>NOTCH1-F1 QLRNSSFHS	12585	12483

>NOTCH1-F1 QLRNSSFH	9	>NOTCH1-F1 QLRNSSFHS	6899	6890
>NOTCH1-F1 QLRNSSFHFL	166	>NOTCH1-F1 QLRNSSFHSL	51	115
>NOTCH1-F1 QLRNSSFHF	74	>NOTCH1-F1 QLRNSSFHS	18215	18141
>NOTCH1-F1 QLRNSSFHFL	260	>NOTCH1-F1 QLRNSSFHSL	642	382
>NOTCH1-F1 EQLRNSSFHF	189	>NOTCH1-F1 EQLRNSSFHS	1246	1057
>NOTCH1-F1 EQLRNSSFHF	69	>NOTCH1-F1 EQLRNSSFHS	136	67
>NOTCH1-F1 EQLRNSSFHF	406	>NOTCH1-F1 EQLRNSSFHS	757	351
>NOTCH1-F1 EQLRNSSFHF	84	>NOTCH1-F1 EQLRNSSFHS	11639	11555
>NOTCH1-F1 EQLRNSSFHF	6	>NOTCH1-F1 EQLRNSSFHS	4864	4858
>NOTCH1-F1 EQLRNSSFHF	136	>NOTCH1-F1 EQLRNSSFHS	33	103
>NOTCH1-F1 EQLRNSSFHF	230	>NOTCH1-F1 EQLRNSSFHS	59	171
>NOTCH1-F1 FQSATDVAAF	45	>NOTCH1-F1 SQSATDVAAF	535	490
>NOTCH1-F1 FQSATDVA	91	>NOTCH1-F1 SQSATDVA	2288	2197
>NOTCH1-F1 FQSATDVAA	69	>NOTCH1-F1 SQSATDVAA	2036	1967
>NOTCH1-F1 FQSATDVAAF	4	>NOTCH1-F1 SQSATDVAAF	26	22
>NOTCH1-F1 FQSATDVA	217	>NOTCH1-F1 SQSATDVA	2384	2167
>NOTCH1-F1 FQSATDVAA	225	>NOTCH1-F1 SQSATDVAA	2303	2078
>NOTCH1-F1 FQSATDVAAF	52	>NOTCH1-F1 SQSATDVAAF	477	425
>NOTCH1-F1 FQSATDVA	19	>NOTCH1-F1 SQSATDVA	261	242
>NOTCH1-F1 FQSATDVAA	8	>NOTCH1-F1 SQSATDVAA	70	62
>NOTCH1-F1 FQSATDVAAF	4	>NOTCH1-F1 SQSATDVAAF	15	11
>NOTCH1-F1 FQSATDVAAF	165	>NOTCH1-F1 SQSATDVAAF	993	828
>NOTCH1-F1 FQSATDVAAF	85	>NOTCH1-F1 SQSATDVAAF	1022	937
>NOTCH1-F1 FQSATDVAAF	202	>NOTCH1-F1 SQSATDVAAF	519	317
>NOTCH1-F1 FQSATDVA	268	>NOTCH1-F1 SQSATDVA	491	223
>NOTCH1-F1 FQSATDVAA	118	>NOTCH1-F1 SQSATDVAA	190	72
>NOTCH1-F1 FQSATDVAAF	28	>NOTCH1-F1 SQSATDVAAF	28	0
>NOTCH1-F1 FQSATDVAAF	145	>NOTCH1-F1 SQSATDVAAF	236	91
>NOTCH1-F1 FQSATDVAAF	52	>NOTCH1-F1 SQSATDVAAF	139	87
>NOTCH1-F1 FQSATDVAA	54	>NOTCH1-F1 SQSATDVAA	248	194
>NOTCH1-F1 FQSATDVAAF	2	>NOTCH1-F1 SQSATDVAAF	3	1
>NOTCH1-F1 FQSATDVAAF	42	>NOTCH1-F1 SQSATDVAAF	149	107
>NOTCH1-F1 FQSATDVAAF	24	>NOTCH1-F1 SQSATDVAAF	140	116
>NOTCH1-F1 FQSATDVAAF	11	>NOTCH1-F1 SQSATDVAAF	39	28
>NOTCH1-F1 FQSATDVAAF	465	>NOTCH1-F1 SQSATDVAAF	1264	799
>NOTCH1-F1 FQSATDVAAF	418	>NOTCH1-F1 SQSATDVAAF	767	349
>NOTCH1-F1 CFQSATDVA/	63	>NOTCH1-F1 CSQSATDVA/	2517	2454
>NOTCH1-F1 CFQSATDVA/	5	>NOTCH1-F1 CSQSATDVA/	468	463
>NOTCH1-F1 CFQSATDVA/	4481	>NOTCH1-F1 CSQSATDVA/	237	4244
>NOTCH1-F1 CFQSATDVA/	1962	>NOTCH1-F1 CSQSATDVA/	216	1746
>NOTCH1-F1 CFQSATDVA/	1417	>NOTCH1-F1 CSQSATDVA/	68	1349
>NOTCH1-F1 CFQSATDVA/	25408	>NOTCH1-F1 CSQSATDVA/	90	25318
>NOTCH1-F1 CFQSATDVA/	559	>NOTCH1-F1 CSQSATDVA/	309	250

>NOTCH1-F1 CFQSATDVA/	16278	>NOTCH1-F1 CSQSATDVA/	368	15910
>NOTCH1-F1 RQCVQASSQ	43	>NOTCH1-F1 RQCVQASSQ	3206	3163
>NOTCH1-F1 RQCVQASSQ	3	>NOTCH1-F1 RQCVQASSQ	1045	1042
>NOTCH1-F1 SQCFQSATD\	474	>NOTCH1-F1 SQCSQSATD\	390	84
>NOTCH1-F1 SQCFQSATD\	851	>NOTCH1-F1 SQCSQSATD\	230	621
>NOTCH1-F1 SSQCFQSAT	449	>NOTCH1-F1 SSQCSQSAT	929	480
>NOTCH1-F1 SSQCFQSATC	434	>NOTCH1-F1 SSQCSQSATC	686	252
>NOTCH1-F1 VQASSQCFQ!	272	>NOTCH1-F1 VQASSQCSQ!	362	90
>NOTCH1-F1 VQASSQCFQ!	42	>NOTCH1-F1 VQASSQCSQ!	131	89
>NOTCH1-F1 VQASSQCF	39	>NOTCH1-F1 VQASSQCS	6139	6100
>NOTCH1-F1 VQASSQCFQ	2417	>NOTCH1-F1 VQASSQCSQ	474	1943
>NOTCH1-F1 VQASSQCFQ!	242	>NOTCH1-F1 VQASSQCSQ!	176	66
>NOTCH1-F1 VQASSQCF	358	>NOTCH1-F1 VQASSQCS	19490	19132
>NOTCH1-F1 VQASSQCF	3	>NOTCH1-F1 VQASSQCS	905	902
>NOTCH1-F1 VQASSQCFQ	1021	>NOTCH1-F1 VQASSQCSQ	236	785
>NOTCH1-F1 VQASSQCFQ!	65	>NOTCH1-F1 VQASSQCSQ!	58	7
>NOTCH1-F1 CVQASSQCF	243	>NOTCH1-F1 CVQASSQCS	16338	16095
>NOTCH1-F1 CVQASSQCF	298	>NOTCH1-F1 CVQASSQCS	19309	19011
>NOTCH1-F1 QCVQASSQC	171	>NOTCH1-F1 QCVQASSQC!	19163	18992
>NOTCH1-G1GVHCEINV	244	>NOTCH1-G1DVHCEINV	5048	4804
>NOTCH1-G1GVHCEINV	231	>NOTCH1-G1DVHCEINV	4619	4388
>NOTCH1-G1GVHCEINV	207	>NOTCH1-G1DVHCEINV	6435	6228
>NOTCH1-G1GVHCEINV	235	>NOTCH1-G1DVHCEINV	3784	3549
>NOTCH1-G1GVHCEINV	2976	>NOTCH1-G1DVHCEINV	48	2928
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>NOTCH1-G1TQGVHCEI	1363	>NOTCH1-G1TQDVHCEI	206	1157
>NOTCH1-G1TQGVHCEINV	854	>NOTCH1-G1TQDVHCEINV	448	406
>NOTCH1-G1GTQGVHCEI	202	>NOTCH1-G1GTQDVHCEI	106	96
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>NOTCH1-G1GTQGVHCEIM	1313	>NOTCH1-G1GTQDVHCEIM	281	1032
>NOTCH1-G1GTQGVHCEIM	357	>NOTCH1-G1GTQDVHCEIM	215	142
>NOTCH1-G1GTQGVHCEIM	265	>NOTCH1-G1GTQDVHCEIM	118	147
>NOTCH1-G1GTQGVHCEI	199	>NOTCH1-G1GTQDVHCEI	702	503
>NOTCH1-G1GTQGVHCEI	463	>NOTCH1-G1GTQDVHCEI	539	76
>NOTCH1-G1CPRGTQGV	82	>NOTCH1-G1CPRGTQDV	131	49
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>NOTCH1-G1SCPRGTQGV	308	>NOTCH1-G1SCPRGTQDV	1031	723
>NOTCH1-G1GQVKASLL	119	>NOTCH1-G1SQVKASLL	39	80
>NOTCH1-G1GQVKASLLPG	387	>NOTCH1-G1SQVKASLLPG	231	156
>NOTCH1-G1GQVKASLL	410	>NOTCH1-G1SQVKASLL	134	276
>NOTCH1-G1GQVKASLL	744	>NOTCH1-G1SQVKASLL	101	643
>NOTCH1-G1GQVKASLL	151	>NOTCH1-G1SQVKASLL	379	228
>NOTCH1-G1LGQVKASL	6734	>NOTCH1-G1LSQVKASL	30	6704

>NOTCH1-G1LGQVKASLL	6036	>NOTCH1-G1LSQVKASLL	13	6023
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>NOTCH1-G1LGQVKASLL	5059	>NOTCH1-G1LSQVKASLL	194	4865
>NOTCH1-G1LLGQVKASL	1382	>NOTCH1-G1LLSQVKASL	487	895
>NOTCH1-G1LLGQVKASL	140	>NOTCH1-G1LLSQVKASL	15	125
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>NOTCH1-G1LLGQVKASL	9	>NOTCH1-G1LLSQVKASL	12	3
>NOTCH1-G1LLGQVKASLL	36	>NOTCH1-G1LLSQVKASLL	57	21
>NOTCH1-G1LLGQVKASL	124	>NOTCH1-G1LLSQVKASL	214	90
>NOTCH1-G1LLGQVKASLL	314	>NOTCH1-G1LLSQVKASLL	493	179
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>NOTCH1-G1LLGQVKASLL	118	>NOTCH1-G1LLSQVKASLL	140	22
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>NOTCH1-G1LLGQVKASL	564	>NOTCH1-G1LLSQVKASL	338	226
>NOTCH1-G1ALLGQVKA	247	>NOTCH1-G1ALLSQVKA	212	35
>NOTCH1-G1ALLGQVKASL	131	>NOTCH1-G1ALLSQVKASL	167	36
>NOTCH1-G1ALLGQVKASL	163	>NOTCH1-G1ALLSQVKASLI	130	33
>NOTCH1-G1ALLGQVKA	306	>NOTCH1-G1ALLSQVKA	309	3
>NOTCH1-G1ALLGQVKASL	56	>NOTCH1-G1ALLSQVKASL	38	18
>NOTCH1-G1ALLGQVKASL	54	>NOTCH1-G1ALLSQVKASLI	56	2
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>NOTCH1-G1ALLGQVKASL	65	>NOTCH1-G1ALLSQVKASL	57	8
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>NOTCH1-G1ALLGQVKA	13	>NOTCH1-G1ALLSQVKA	23	10
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>NOTCH1-G1ALLGQVKASL	4	>NOTCH1-G1ALLSQVKASL	5	1
>NOTCH1-G1ALLGQVKASL	10	>NOTCH1-G1ALLSQVKASLI	14	4
>NOTCH1-G1ALLGQVKA	239	>NOTCH1-G1ALLSQVKA	207	32
>NOTCH1-G1ALLGQVKASL	23	>NOTCH1-G1ALLSQVKASL	20	3
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>NOTCH1-G1ALLGQVKA	16	>NOTCH1-G1ALLSQVKA	23	7
>NOTCH1-G1ALLGQVKASL	14	>NOTCH1-G1ALLSQVKASL	17	3
>NOTCH1-G1ALLGQVKASL	19	>NOTCH1-G1ALLSQVKASLI	25	6
>NOTCH1-G1ALLGQVKA	128	>NOTCH1-G1ALLSQVKA	267	139
>NOTCH1-G1ALLGQVKASL	22	>NOTCH1-G1ALLSQVKASL	27	5
>NOTCH1-G1ALLGQVKASL	42	>NOTCH1-G1ALLSQVKASLI	63	21



>NOTCH1-G1ALLGQVKA	4	>NOTCH1-G1ALLSQVKA	8	4
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>NOTCH1-G1ALLGQVKASL	184	>NOTCH1-G1ALLSQVKASL	414	230
>NOTCH1-G1ALLGQVKASL	2256	>NOTCH1-G1ALLSQVKASL	301	1955
>NOTCH1-G1PDALLGQV	130	>NOTCH1-G1PDALLSQV	170	40
>NOTCH1-G1APDALLGQV	534	>NOTCH1-G1APDALLSQV	311	223
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>NOTCH1-G1AAPDALLGQV	552	>NOTCH1-G1AAPDALLSQV	321	231
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>NOTCH1-G1WAAPDALLG	388	>NOTCH1-G1WAAPDALLSQ	162	226
>NOTCH1-G1WAAPDALLG	148	>NOTCH1-G1WAAPDALLSQ	75	73
>NOTCH1-G1WAAPDALLG	122	>NOTCH1-G1WAAPDALLSQ	69	53
>NOTCH1-G1WAAPDALLG	670	>NOTCH1-G1WAAPDALLSQ	390	280
>NOTCH1-G1WAAPDALLG	1868	>NOTCH1-G1WAAPDALLSQ	472	1396
>NOTCH1-G1WAAPDALLG	73	>NOTCH1-G1WAAPDALLSQ	21	52
>NOTCH1-G1WAAPDALLG	42	>NOTCH1-G1WAAPDALLSQ	37	5
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>NOTCH1-G1WAAPDALLG	1056	>NOTCH1-G1WAAPDALLSQ	253	803
>NOTCH1-G1GGSEGRRRF	3430	>NOTCH1-G1GSSEGRRRF	250	3180
>NOTCH1-G1SLLPGGSEGG	405	>NOTCH1-G1SLLPGSSEGG	455	50
>NOTCH1-G1SLLPGGSEG	756	>NOTCH1-G1SLLPGSSEG	445	311
>NOTCH1-G1GGRRRREL	545	>NOTCH1-G1DGRRRREL	267	278
>NOTCH1-G1EGRRRREL	493	>NOTCH1-G1EDGRRRREL	1706	1213
>NOTCH1-G1SEGRRRREL	254	>NOTCH1-G1SEDGRRRREL	372	118
>NOTCH1-G1SEGRRRREL	479	>NOTCH1-G1SEDGRRRREL	255	224
>NOTCH1-G1SLLPGGSEGG	405	>NOTCH1-G1SLLPGGSEGG	2997	2592
>NOTCH1-G2GVQGKKVRK	1651	>NOTCH1-G2RVQGKKVRK	217	1434
>NOTCH1-G2GVQGKKVRK	105	>NOTCH1-G2RVQGKKVRK	61	44
>NOTCH1-G2GVQGKKVRK	3946	>NOTCH1-G2RVQGKKVRK	69	3877
>NOTCH1-G2GVQGKKVR	269	>NOTCH1-G2RVQGKKVR	27	242
>NOTCH1-G2GVQGKKVRK	1302	>NOTCH1-G2RVQGKKVRK	67	1235
>NOTCH1-G2GVQGKKVR	7518	>NOTCH1-G2RVQGKKVR	284	7234
>NOTCH1-G2KPGVQGKKV	2176	>NOTCH1-G2KPRVQGKKV	50	2126
>NOTCH1-G2KPGVQGKKV	475	>NOTCH1-G2KPRVQGKKVI	1029	554
>NOTCH1-G2SLKPGVQGKK	510	>NOTCH1-G2SLKPRVQGKK	485	25
>NOTCH1-G2SLKPGVQGKK	13	>NOTCH1-G2SLKPRVQGKK	16	3
>NOTCH1-G2SLKPGVQGKK	49	>NOTCH1-G2SLKPRVQGKK	86	37
>NOTCH1-G2SLKPGVQGKK	212	>NOTCH1-G2SLKPRVQGKK	365	153
>NOTCH1-G2SLKPGVQGKK	89	>NOTCH1-G2SLKPRVQGKK	183	94

>NOTCH1-G2SLKPGVQGK	258	>NOTCH1-G2SLKPRVQGK	828	570
>NOTCH1-G2SLKPGVQGKK	3	>NOTCH1-G2SLKPRVQGKK	4	1
>NOTCH1-G2SLKPGVQGK	262	>NOTCH1-G2SLKPRVQGK	129	133
>NOTCH1-G2SLKPGVQGKK	101	>NOTCH1-G2SLKPRVQGKK	84	17
>NOTCH1-G2SLKPGVQGK	26	>NOTCH1-G2SLKPRVQGK	17	9
>NOTCH1-G2SLKPGVQGKK	40	>NOTCH1-G2SLKPRVQGKK	23	17
>NOTCH1-G2SLKPGVQGKK	5954	>NOTCH1-G2SLKPRVQGKK	277	5677
>NOTCH1-G2GSLKPGVQGI	284	>NOTCH1-G2GSLKPRVQGI	210	74
>NOTCH1-G2GSLKPGVQGI	267	>NOTCH1-G2GSLKPRVQGI	232	35
>NOTCH1-G2GSLKPGVQGI	103	>NOTCH1-G2GSLKPRVQGI	83	20
>NOTCH1-G2GSLKPGVQGI	972	>NOTCH1-G2GSLKPRVQGI	335	637
>NOTCH1-G2YLGSLKPGV	20	>NOTCH1-G2YLGSLKPRV	22	2
>NOTCH1-G2YLGSLKPGV	25	>NOTCH1-G2YLGSLKPRV	44	19
>NOTCH1-G2YLGSLKPGV	21	>NOTCH1-G2YLGSLKPRV	49	28
>NOTCH1-G2YLGSLKPGV	37	>NOTCH1-G2YLGSLKPRV	224	187
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>NOTCH1-G2YLGSLKPGV	1	>NOTCH1-G2YLGSLKPRV	1	0
>NOTCH1-G2YLGSLKPGVQ	312	>NOTCH1-G2YLGSLKPRVQ	387	75
>NOTCH1-G2YLGSLKPG	22980	>NOTCH1-G2YLGSLKPR	245	22735
>NOTCH1-G2YLGSLKPGV	71	>NOTCH1-G2YLGSLKPRV	240	169
>NOTCH1-G2YLGSLKPG	33798	>NOTCH1-G2YLGSLKPR	104	33694
>NOTCH1-G2GYLGSLKPGV	193	>NOTCH1-G2GYLGSLKPRV	569	376
>NOTCH1-G2GYLGSLKPGV	270	>NOTCH1-G2GYLGSLKPRV	222	48
>NOTCH1-G2GYLGSLKPG	22718	>NOTCH1-G2GYLGSLKPR	132	22586
>NOTCH1-G2GYLGSLKPG	30161	>NOTCH1-G2GYLGSLKPR	53	30108
>NOTCH1-G2NGYLGSLKPG	34597	>NOTCH1-G2NGYLGSLKPR	237	34360
>NOTCH1-G2GHLNVAAKPI	2891	>NOTCH1-G2RHLNVAAKPI	171	2720
>NOTCH1-G2IGHLNVAAK	123	>NOTCH1-G2IRHLNVAAK	961	838
>NOTCH1-G2IGHLNVAAK	25425	>NOTCH1-G2IRHLNVAAK	233	25192
>NOTCH1-G2GIGHLNVAAK	368	>NOTCH1-G2GIRHLNVAAK	227	141
>NOTCH1-G2GIGHLNVA	15141	>NOTCH1-G2GIRHLNVA	149	14992
>NOTCH1-G2GIGHLNVAA	13874	>NOTCH1-G2GIRHLNVAA	72	13802
>NOTCH1-G2GIGHLNVAAK	3990	>NOTCH1-G2GIRHLNVAAK	7	3983
>NOTCH1-G2LGIGHLNV	3278	>NOTCH1-G2LGIRHLNV	368	2910
>NOTCH1-G2HLGIGHLNV	300	>NOTCH1-G2HLGIRHLNV	396	96
>NOTCH1-G2HLGIGHLNV	15	>NOTCH1-G2HLGIRHLNV	36	21
>NOTCH1-G2HLGIGHLNV	178	>NOTCH1-G2HLGIRHLNV	417	239
>NOTCH1-G2HLGIGHLNV	12	>NOTCH1-G2HLGIRHLNV	37	25
>NOTCH1-G2HLGIGHLNV	239	>NOTCH1-G2HLGIRHLNV	2454	2215
>NOTCH1-G2HLGIGHLNV	3	>NOTCH1-G2HLGIRHLNV	5	2

>NOTCH1-G2HLGIGHLNVA	90	>NOTCH1-G2HLGIRHLNVA	277	187
>NOTCH1-G2HLGIGHLNVA	94	>NOTCH1-G2HLGIRHLNVA	245	151
>NOTCH1-G2HLGIGHLNV	14281	>NOTCH1-G2HLGIRHLNV	462	13819
>NOTCH1-G2THLGIGHL	152	>NOTCH1-G2THLGIRHL	146	6
>NOTCH1-G2DTHLGIGHL	79	>NOTCH1-G2DTHLGIRHL	110	31
>NOTCH1-G2DTHLGIGH	462	>NOTCH1-G2DTHLGIRH	3020	2558
>NOTCH1-G2DTHLGIGHL	255	>NOTCH1-G2DTHLGIRHL	1549	1294
>NOTCH1-G2DTHLGIGHLN	99	>NOTCH1-G2DTHLGIRHLN	242	143
>NOTCH1-G2DTHLGIGHLN	203	>NOTCH1-G2DTHLGIRHLN	578	375
>NOTCH1-G2MPDTHLGIGI	69	>NOTCH1-G2MPDTHLGIRI	59	10
>NOTCH1-G2MPDTHLGIGI	474	>NOTCH1-G2MPDTHLGIRI	483	9
>NOTCH1-G2MPDTHLGIG	395	>NOTCH1-G2MPDTHLGIR	2384	1989
>NOTCH1-H1HFLRELSRV	2855	>NOTCH1-H1YFLRELSRV	83	2772
>NOTCH1-H1HFLRELSRV	5811	>NOTCH1-H1YFLRELSRV	445	5366
>NOTCH1-H1HFLRELSRV	857	>NOTCH1-H1YFLRELSRV	19	838
>NOTCH1-H1HFLRELSRV	1560	>NOTCH1-H1YFLRELSRV	455	1105
>NOTCH1-H1HFLRELSRVL	56	>NOTCH1-H1YFLRELSRVL	18	38
>NOTCH1-H1HFLRELSR	54	>NOTCH1-H1YFLRELSR	291	237
>NOTCH1-H1HFLRELSR	37	>NOTCH1-H1YFLRELSR	71	34
>NOTCH1-H1HFLRELSR	38	>NOTCH1-H1YFLRELSR	113	75
>NOTCH1-H1FHFLRELSRVL	652	>NOTCH1-H1FYFLRELSRVL	463	189
>NOTCH1-H1FHFLRELSRV	16406	>NOTCH1-H1FYFLRELSRV	165	16241
>NOTCH1-H1FHFLRELSRVL	14065	>NOTCH1-H1FYFLRELSRVL	90	13975
>NOTCH1-H1FHFLRELSRV	2550	>NOTCH1-H1FYFLRELSRV	351	2199
>NOTCH1-H1FHFLRELSRV	1486	>NOTCH1-H1FYFLRELSRV	53	1433
>NOTCH1-H1FHFLRELSRV	18282	>NOTCH1-H1FYFLRELSRV	175	18107
>NOTCH1-H1FHFLRELSRVL	11127	>NOTCH1-H1FYFLRELSRVL	14	11113
>NOTCH1-H1FHFLRELSR	1347	>NOTCH1-H1FYFLRELSR	14	1333
>NOTCH1-H1FHFLRELSR	1048	>NOTCH1-H1FYFLRELSR	158	890
>NOTCH1-H1FHFLRELSRVL	251	>NOTCH1-H1FYFLRELSRVL	2433	2182
>NOTCH1-H1FHFLRELSRVL	86	>NOTCH1-H1FYFLRELSRVL	3322	3236
>NOTCH1-H1FHFLRELSRVL	13	>NOTCH1-H1FYFLRELSRVL	438	425
>NOTCH1-H1FHFLRELSR	536	>NOTCH1-H1FYFLRELSR	30	506
>NOTCH1-H1PPEQLRNSSF	7130	>NOTCH1-H1PPEQLRNSSF	422	6708
>NOTCH1-H1PPEQLRNSSF	25673	>NOTCH1-H1PPEQLRNSSF	297	25376
>NOTCH1-H1SFHFLREL	1106	>NOTCH1-H1SFYFLREL	292	814
>NOTCH1-H1SFHFLRELSRV	3473	>NOTCH1-H1SFYFLRELSRV	366	3107
>NOTCH1-H1SFHFLRELSR	2857	>NOTCH1-H1SFYFLRELSR	486	2371
>NOTCH1-H1SFHFLRELSR	2350	>NOTCH1-H1SFYFLRELSR	270	2080
>NOTCH1-H1SFHFLREL	216	>NOTCH1-H1SFYFLREL	227	11
>NOTCH1-H1SFHFLRELSR	24	>NOTCH1-H1SFYFLRELSR	9	15
>NOTCH1-H1SFHFLRELSR	70	>NOTCH1-H1SFYFLRELSR	36	34
>NOTCH1-H1SFHFLRELSR	211	>NOTCH1-H1SFYFLRELSR	33	178

>NOTCH1-H1SFHFLELSR	358	>NOTCH1-H1SFYFLRELSR	211	147
>NOTCH1-H1SFHFLELSR	74	>NOTCH1-H1SFYFLRELSR	40	34
>NOTCH1-H1SFHFLEL	366	>NOTCH1-H1SFYFLREL	319	47
>NOTCH1-H1SFHFLEL	230	>NOTCH1-H1SFYFLREL	119	111
>NOTCH1-H1SFHFLELS	871	>NOTCH1-H1SFYFLRELS	440	431
>NOTCH1-H1SFHFLELSRV	683	>NOTCH1-H1SFYFLRELSRV	383	300
>NOTCH1-H1SSFHFLEL	16	>NOTCH1-H1SSFYFLREL	15	1
>NOTCH1-H1SSFHFLEL	350	>NOTCH1-H1SSFYFLREL	294	56
>NOTCH1-H1SSFHFLELSR	31	>NOTCH1-H1SSFYFLRELSR	26	5
>NOTCH1-H1SSFHFLELSR	41	>NOTCH1-H1SSFYFLRELSR	32	9
>NOTCH1-H1SSFHFLEL	167	>NOTCH1-H1SSFYFLREL	56	111
>NOTCH1-H1SSFHFLELSR	424	>NOTCH1-H1SSFYFLRELSR	292	132
>NOTCH1-H1SSFHFLELSR	26	>NOTCH1-H1SSFYFLRELSR	12	14
>NOTCH1-H1SSFHFLEL	369	>NOTCH1-H1SSFYFLREL	229	140
>NOTCH1-H1SSFHFLEL	86	>NOTCH1-H1SSFYFLREL	99	13
>NOTCH1-H1SSFHFLEL	13	>NOTCH1-H1SSFYFLREL	22	9
>NOTCH1-H1SSFHFLEL	57	>NOTCH1-H1SSFYFLREL	34	23
>NOTCH1-H1SSFHFLE	139	>NOTCH1-H1SSFYFLRE	173	34
>NOTCH1-H1SSFHFLEL	283	>NOTCH1-H1SSFYFLREL	383	100
>NOTCH1-H1SSFHFLELSR	67	>NOTCH1-H1SSFYFLRELSR	74	7
>NOTCH1-H1SSFHFLELSR	316	>NOTCH1-H1SSFYFLRELSR	467	151
>NOTCH1-H1SSFHFLEL	52	>NOTCH1-H1SSFYFLREL	54	2
>NOTCH1-H1NSSFHFLR	152	>NOTCH1-H1NSSFYFLR	81	71
>NOTCH1-H1NSSFHFLR	23	>NOTCH1-H1NSSFYFLR	21	2
>NOTCH1-H1NSSFHFLR	44	>NOTCH1-H1NSSFYFLR	33	11
>NOTCH1-H1NSSFHFLR	5	>NOTCH1-H1NSSFYFLR	5	0
>NOTCH1-H1NSSFHFLREL	1054	>NOTCH1-H1NSSFYFLREL	265	789
>NOTCH1-H1NSSFHFLR	142	>NOTCH1-H1NSSFYFLR	154	12
>NOTCH1-H1NSSFHFLR	356	>NOTCH1-H1NSSFYFLR	349	7
>NOTCH1-H1RNSSFHFL	570	>NOTCH1-H1RNSSFYFL	136	434
>NOTCH1-H1RNSSFHFL	1099	>NOTCH1-H1RNSSFYFL	497	602
>NOTCH1-H1RNSSFHFLR	602	>NOTCH1-H1RNSSFYFLR	357	245
>NOTCH1-H1RNSSFHFLR	7	>NOTCH1-H1RNSSFYFLR	7	0
>NOTCH1-H1RNSSFHFLR	46	>NOTCH1-H1RNSSFYFLR	74	28
>NOTCH1-H1RNSSFHFL	665	>NOTCH1-H1RNSSFYFL	496	169
>NOTCH1-H1RNSSFHFLREI	466	>NOTCH1-H1RNSSFYFLREL	384	82
>NOTCH1-H1RNSSFHFLR	32	>NOTCH1-H1RNSSFYFLR	41	9
>NOTCH1-H1LRNSSFHFL	492	>NOTCH1-H1LRNSSFYFL	1195	703
>NOTCH1-H1LRNSSFHFLR	34	>NOTCH1-H1LRNSSFYFLR	36	2
>NOTCH1-H1LRNSSFHFLR	112	>NOTCH1-H1LRNSSFYFLR	149	37
>NOTCH1-H1LRNSSFHF	8	>NOTCH1-H1LRNSSFYF	7	1
>NOTCH1-H1LRNSSFHFL	65	>NOTCH1-H1LRNSSFYFL	57	8
>NOTCH1-H1LRNSSFHF	171	>NOTCH1-H1LRNSSFYF	275	104

>NOTCH1-H1LRNSSFHFL	113	>NOTCH1-H1LRNSSFYFL	123	10
>NOTCH1-H1LRNSSFHFLR	304	>NOTCH1-H1LRNSSFYFLR	301	3
>NOTCH1-H1LRNSSFHFL	373	>NOTCH1-H1LRNSSFYFL	503	130
>NOTCH1-H1LRNSSFHFL	48	>NOTCH1-H1LRNSSFYFL	113	65
>NOTCH1-H1LRNSSFHFLR	285	>NOTCH1-H1LRNSSFYFLR	239	46
>NOTCH1-H1QLRNSSFHFL	1046	>NOTCH1-H1QLRNSSFYFL	146	900
>NOTCH1-H1QLRNSSFHFL	43	>NOTCH1-H1QLRNSSFYFL	19	24
>NOTCH1-H1QLRNSSFHFL	130	>NOTCH1-H1QLRNSSFYFL	193	63
>NOTCH1-H1QLRNSSFHFL	264	>NOTCH1-H1QLRNSSFYFL	151	113
>NOTCH1-H1QLRNSSFHFL	132	>NOTCH1-H1QLRNSSFYFL	62	70
>NOTCH1-H1QLRNSSFHFL	921	>NOTCH1-H1QLRNSSFYFL	455	466
>NOTCH1-H1QLRNSSFHFL	11	>NOTCH1-H1QLRNSSFYFL	23	12
>NOTCH1-H1QLRNSSFH	587	>NOTCH1-H1QLRNSSFY	143	444
>NOTCH1-H1QLRNSSFHFL	183	>NOTCH1-H1QLRNSSFYFLI	134	49
>NOTCH1-H1QLRNSSFH	12531	>NOTCH1-H1QLRNSSFY	102	12429
>NOTCH1-H1QLRNSSFH	1118	>NOTCH1-H1QLRNSSFY	103	1015
>NOTCH1-H1QLRNSSFHF	964	>NOTCH1-H1QLRNSSFYF	399	565
>NOTCH1-H1QLRNSSFHFL	37	>NOTCH1-H1QLRNSSFYFL	38	1
>NOTCH1-H1QLRNSSFHFL	100	>NOTCH1-H1QLRNSSFYFLI	112	12
>NOTCH1-H1QLRNSSFH	9590	>NOTCH1-H1QLRNSSFY	90	9500
>NOTCH1-H1QLRNSSFHFL	10	>NOTCH1-H1QLRNSSFYFLI	10	0
>NOTCH1-H1QLRNSSFHFL	49	>NOTCH1-H1QLRNSSFYFLI	49	0
>NOTCH1-H1QLRNSSFHFL	95	>NOTCH1-H1QLRNSSFYFLI	99	4
>NOTCH1-H1QLRNSSFH	15275	>NOTCH1-H1QLRNSSFY	116	15159
>NOTCH1-H1QLRNSSFH	3125	>NOTCH1-H1QLRNSSFY	56	3069
>NOTCH1-H1QLRNSSFHF	26	>NOTCH1-H1QLRNSSFYF	43	17
>NOTCH1-H1QLRNSSFH	1206	>NOTCH1-H1QLRNSSFY	30	1176
>NOTCH1-H1QLRNSSFHF	102	>NOTCH1-H1QLRNSSFYF	73	29
>NOTCH1-H1QLRNSSFH	1956	>NOTCH1-H1QLRNSSFY	31	1925
>NOTCH1-H1QLRNSSFHF	9	>NOTCH1-H1QLRNSSFYF	8	1
>NOTCH1-H1QLRNSSFHFL	166	>NOTCH1-H1QLRNSSFYFL	142	24
>NOTCH1-H1QLRNSSFH	16225	>NOTCH1-H1QLRNSSFY	204	16021
>NOTCH1-H1QLRNSSFHF	74	>NOTCH1-H1QLRNSSFYF	49	25
>NOTCH1-H1QLRNSSFHF	1928	>NOTCH1-H1QLRNSSFYF	481	1447
>NOTCH1-H1QLRNSSFHFL	260	>NOTCH1-H1QLRNSSFYFLI	264	4
>NOTCH1-H1EQLRNSSFHF	1102	>NOTCH1-H1EQLRNSSFYFI	440	662
>NOTCH1-H1EQLRNSSFHF	189	>NOTCH1-H1EQLRNSSFYFI	281	92
>NOTCH1-H1EQLRNSSFHF	69	>NOTCH1-H1EQLRNSSFYFI	62	7
>NOTCH1-H1EQLRNSSFH	6228	>NOTCH1-H1EQLRNSSFY	59	6169
>NOTCH1-H1EQLRNSSFH	13060	>NOTCH1-H1EQLRNSSFY	393	12667
>NOTCH1-H1EQLRNSSFH	17881	>NOTCH1-H1EQLRNSSFY	347	17534
>NOTCH1-H1EQLRNSSFHF	406	>NOTCH1-H1EQLRNSSFYFI	838	432
>NOTCH1-H1EQLRNSSFH	8626	>NOTCH1-H1EQLRNSSFY	160	8466

>NOTCH1-H1EQLRNSSFHF	84	>NOTCH1-H1EQLRNSSFYF	189	105
>NOTCH1-H1EQLRNSSFH	5897	>NOTCH1-H1EQLRNSSFY	168	5729
>NOTCH1-H1EQLRNSSFH	723	>NOTCH1-H1EQLRNSSFY	17	706
>NOTCH1-H1EQLRNSSFHF	6	>NOTCH1-H1EQLRNSSFYF	6	0
>NOTCH1-H1EQLRNSSFHF	136	>NOTCH1-H1EQLRNSSFYFI	111	25
>NOTCH1-H1EQLRNSSFHF	230	>NOTCH1-H1EQLRNSSFYFI	291	61
>NOTCH1-H1PEQLRNSSFH	25782	>NOTCH1-H1PEQLRNSSFY	422	25360
>NOTCH1-H1HTNVVFKR	175	>NOTCH1-H1PTNVVFKR	2687	2512
>NOTCH1-H1HTNVVFKR	7	>NOTCH1-H1PTNVVFKR	77	70
>NOTCH1-H1HTNVVFKR	20	>NOTCH1-H1PTNVVFKR	376	356
>NOTCH1-H1HTNVVFKR	5	>NOTCH1-H1PTNVVFKR	230	225
>NOTCH1-H1HTNVVFKR	321	>NOTCH1-H1PTNVVFKR	4186	3865
>NOTCH1-H1LHTNVVFK	643	>NOTCH1-H1LPTNVVFK	334	309
>NOTCH1-H1LHTNVVFKR	176	>NOTCH1-H1LPTNVVFKR	110	66
>NOTCH1-H1LHTNVVFKRE	13631	>NOTCH1-H1LPTNVVFKRD	39	13592
>NOTCH1-H1VLHTNVVFK	32	>NOTCH1-H1VLPTNVVFK	66	34
>NOTCH1-H1VLHTNVVFK	28	>NOTCH1-H1VLPTNVVFK	136	108
>NOTCH1-H1VLHTNVVFK	29	>NOTCH1-H1VLPTNVVFK	4611	4582
>NOTCH1-H1VLHTNVVFKF	62	>NOTCH1-H1VLPTNVVFKR	124	62
>NOTCH1-H1VLHTNVVF	385	>NOTCH1-H1VLPTNVVF	568	183
>NOTCH1-H1VLHTNVVFKF	381	>NOTCH1-H1VLPTNVVFKR	608	227
>NOTCH1-H1VLHTNVVFK	278	>NOTCH1-H1VLPTNVVFK	1026	748
>NOTCH1-H1VLHTNVVFKF	946	>NOTCH1-H1VLPTNVVFKR	476	470
>NOTCH1-H1VLHTNVVF	87	>NOTCH1-H1VLPTNVVF	504	417
>NOTCH1-H1VLHTNVVF	358	>NOTCH1-H1VLPTNVVF	1414	1056
>NOTCH1-H1VLHTNVVF	14	>NOTCH1-H1VLPTNVVF	115	101
>NOTCH1-H1VLHTNVVFKF	246	>NOTCH1-H1VLPTNVVFKR	246	0
>NOTCH1-H1RVLHTNVV	399	>NOTCH1-H1RVLPTNVV	779	380
>NOTCH1-H1RVLHTNVV	38	>NOTCH1-H1RVLPTNVV	25	13
>NOTCH1-H1RVLHTNVV	75	>NOTCH1-H1RVLPTNVV	30	45
>NOTCH1-H1RVLHTNVV	103	>NOTCH1-H1RVLPTNVV	95	8
>NOTCH1-H1RVLHTNVV	176	>NOTCH1-H1RVLPTNVV	75	101
>NOTCH1-H1RVLHTNVV	763	>NOTCH1-H1RVLPTNVV	164	599
>NOTCH1-H1RVLHTNVV	210	>NOTCH1-H1RVLPTNVV	39	171
>NOTCH1-H1RVLHTNVVFK	15	>NOTCH1-H1RVLPTNVVFK	14	1
>NOTCH1-H1RVLHTNVVFK	296	>NOTCH1-H1RVLPTNVVFK	374	78
>NOTCH1-H1RVLHTNVVFK	14	>NOTCH1-H1RVLPTNVVFK	12	2
>NOTCH1-H1RVLHTNVVFK	63	>NOTCH1-H1RVLPTNVVFK	36	27
>NOTCH1-H1RVLHTNVVF	436	>NOTCH1-H1RVLPTNVVF	223	213
>NOTCH1-H1RVLHTNVVF	121	>NOTCH1-H1RVLPTNVVF	30	91
>NOTCH1-H1RVLHTNVV	45	>NOTCH1-H1RVLPTNVV	48	3
>NOTCH1-H1RVLHTNVVFK	4	>NOTCH1-H1RVLPTNVVFK	4	0
>NOTCH1-H1RVLHTNVVFK	208	>NOTCH1-H1RVLPTNVVFK	177	31

>NOTCH1-H1RVLHTNVVFK	89	>NOTCH1-H1RVLPTNVVFK	150	61
>NOTCH1-H1RVLHTNVVFK	8	>NOTCH1-H1RVLPTNVVFK	7	1
>NOTCH1-H1RVLHTNVV	172	>NOTCH1-H1RVLPTNVV	321	149
>NOTCH1-H1RVLHTNVVF	7	>NOTCH1-H1RVLPTNVVF	10	3
>NOTCH1-H1RVLHTNVVFK	386	>NOTCH1-H1RVLPTNVVFK	162	224
>NOTCH1-H1RVLHTNVVFK	143	>NOTCH1-H1RVLPTNVVFK	161	18
>NOTCH1-H1RVLHTNVV	724	>NOTCH1-H1RVLPTNVV	315	409
>NOTCH1-H1RVLHTNVVF	71	>NOTCH1-H1RVLPTNVVF	66	5
>NOTCH1-H1RVLHTNVVF	8	>NOTCH1-H1RVLPTNVVF	12	4
>NOTCH1-H1RVLHTNVVF	12	>NOTCH1-H1RVLPTNVVF	7	5
>NOTCH1-H1RVLHTNVVF	49	>NOTCH1-H1RVLPTNVVF	27	22
>NOTCH1-H1RVLHTNVV	317	>NOTCH1-H1RVLPTNVV	1571	1254
>NOTCH1-H1RVLHTNVVF	77	>NOTCH1-H1RVLPTNVVF	54	23
>NOTCH1-H1RVLHTNVVFK	481	>NOTCH1-H1RVLPTNVVFK	295	186
>NOTCH1-H1RVLHTNVVFK	193	>NOTCH1-H1RVLPTNVVFK	187	6
>NOTCH1-H1RVLHTNVVFK	76	>NOTCH1-H1RVLPTNVVFK	76	0
>NOTCH1-H1SRVLHTNVVF	26	>NOTCH1-H1SRVLPTNVVF	21	5
>NOTCH1-H1SRVLHTNVVF	115	>NOTCH1-H1SRVLPTNVVF	106	9
>NOTCH1-H1SRVLHTNVVF	285	>NOTCH1-H1SRVLPTNVVF	484	199
>NOTCH1-H1SRVLHTNVV	295	>NOTCH1-H1SRVLPTNVV	565	270
>NOTCH1-H1SRVLHTNVVF	285	>NOTCH1-H1SRVLPTNVVF	471	186
>NOTCH1-H1SRVLHTNVV	283	>NOTCH1-H1SRVLPTNVV	1391	1108
>NOTCH1-H1SRVLHTNVVF	203	>NOTCH1-H1SRVLPTNVVF	603	400
>NOTCH1-H1LSRVLHTNV	42	>NOTCH1-H1LSRVLPTNV	179	137
>NOTCH1-H1LSRVLHTNVV	35	>NOTCH1-H1LSRVLPTNVV	88	53
>NOTCH1-H1LSRVLHTNVV	45	>NOTCH1-H1LSRVLPTNVV	71	26
>NOTCH1-H1LSRVLHTNV	451	>NOTCH1-H1LSRVLPTNV	467	16
>NOTCH1-H1LSRVLHTNVV	424	>NOTCH1-H1LSRVLPTNVV	410	14
>NOTCH1-H1LSRVLHTNVV	8	>NOTCH1-H1LSRVLPTNVV	8	0
>NOTCH1-H1LSRVLHTNV	103	>NOTCH1-H1LSRVLPTNV	244	141
>NOTCH1-H1LSRVLHTNVV	3	>NOTCH1-H1LSRVLPTNVV	4	1
>NOTCH1-H1LSRVLHTNVV	396	>NOTCH1-H1LSRVLPTNVV	346	50
>NOTCH1-H1LSRVLHTNVV	344	>NOTCH1-H1LSRVLPTNVV	205	139
>NOTCH1-H1LSRVLHTNV	98	>NOTCH1-H1LSRVLPTNV	350	252
>NOTCH1-H1LSRVLHTNVV	153	>NOTCH1-H1LSRVLPTNVV	152	1
>NOTCH1-H1LSRVLHTNVV	15	>NOTCH1-H1LSRVLPTNVV	21	6
>NOTCH1-H1ELSRVLHTNV	322	>NOTCH1-H1ELSRVLPTNV	233	89
>NOTCH1-H1ELSRVLHTNV	63	>NOTCH1-H1ELSRVLPTNV'	203	140
>NOTCH1-H1ELSRVLHTNV	97	>NOTCH1-H1ELSRVLPTNV	41	56
>NOTCH1-H1ELSRVLHTNV	77	>NOTCH1-H1ELSRVLPTNV'	210	133
>NOTCH1-H1ELSRVLHTNV	27	>NOTCH1-H1ELSRVLPTNV	21	6
>NOTCH1-H1ELSRVLHTNV	38	>NOTCH1-H1ELSRVLPTNV'	32	6
>NOTCH1-H1ELSRVLHTNV	231	>NOTCH1-H1ELSRVLPTNV	214	17

>NOTCH1-H1ELSRVLHTNV	51	>NOTCH1-H1ELSRVLPTNV'	87	36
>NOTCH1-H1ELSRVLHTNV	31	>NOTCH1-H1ELSRVLPTNV	22	9
>NOTCH1-H1ELSRVLHTNV	73	>NOTCH1-H1ELSRVLPTNV'	59	14
>NOTCH1-H1ELSRVLHTNV	30	>NOTCH1-H1ELSRVLPTNV	15	15
>NOTCH1-H1ELSRVLHTNV	17	>NOTCH1-H1ELSRVLPTNV'	16	1
>NOTCH1-H1ELSRVLHTNV	4	>NOTCH1-H1ELSRVLPTNV	7	3
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>NOTCH1-H1ELSRVLHTNV	59	>NOTCH1-H1ELSRVLPTNV'	97	38
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>NOTCH1-H1ELSRVLHTNV	153	>NOTCH1-H1ELSRVLPTNV'	126	27
>NOTCH1-H1RELSRVLHTN	584	>NOTCH1-H1RELSRVLPTN'	438	146
>NOTCH1-H1RELSRVLHTN	466	>NOTCH1-H1RELSRVLPTN'	391	75
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>NOTCH1-H1RELSRVLHT	339	>NOTCH1-H1RELSRVLPT	30	309
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>NOTCH1-H1RELSRVLHTN	74	>NOTCH1-H1RELSRVLPTN'	83	9
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>NOTCH1-H2TPSHQLQVPE	173	>NOTCH1-H2TPSHQLQVPE	14	159
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>NOTCH1-H2TPSHQLQVPE	18191	>NOTCH1-H2TPSHQLQVPE	33	18158
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>NOTCH1-H2QVPEHPFL	2847	>NOTCH1-H2QVPEYPFL	385	2462
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>NOTCH1-H2QVPEHPFL	201	>NOTCH1-H2QVPEYPFL	73	128
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>NOTCH1-H2QVPEHPFL	217	>NOTCH1-H2QVPEYPFL	503	286
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>NOTCH1-H2QVPEHPFLTP	612	>NOTCH1-H2QVPEYPFLTP'	376	236
>NOTCH1-H2QVPEHPFL	378	>NOTCH1-H2QVPEYPFL	180	198
>NOTCH1-H2QVPEHPFL	107	>NOTCH1-H2QVPEYPFL	143	36



>NOTCH1-H2LQVPEHPFL	206	>NOTCH1-H2LQVPEYPFL	83	123
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>NOTCH1-H2LQVPEHPF	38	>NOTCH1-H2LQVPEYPF	41	3
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>NOTCH1-H2QLQVPEHPFL	562	>NOTCH1-H2QLQVPEYPFL	314	248
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>NOTCH1-H2QLQVPEHPFL	28	>NOTCH1-H2QLQVPEYPFL	48	20
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>NOTCH1-I1{LEIDNRQCV	364	>NOTCH1-I1{LENDNRQCV	125	239
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>NOTCH1-I1{LEIDNRQCV	275	>NOTCH1-I1{LENDNRQCV	232	43
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>NOTCH1-I1{YLEIDNRQCV	144	>NOTCH1-I1{YLESNDRQCV	93	51
>NOTCH1-I1{VYLEIDNRQ	428	>NOTCH1-I1{VYLESNDRQ	647	219
>NOTCH1-I1{VYLEIDNRQ	294	>NOTCH1-I1{VYLESNDRQ	273	21
>NOTCH1-I1{VYLEIDNR	286	>NOTCH1-I1{VYLESNDR	766	480
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>NOTCH1-I1{IVYLEIDNR	353	>NOTCH1-I1{IVYLESNDR	444	91
>NOTCH1-I1{IVYLEIDNR	39	>NOTCH1-I1{IVYLESNDR	42	3
>NOTCH1-I1{IVYLEIDNR	195	>NOTCH1-I1{IVYLESNDR	269	74
>NOTCH1-I1{SIVYLEIDNR	491	>NOTCH1-I1{SIVYLESNDR	302	189
>NOTCH1-I1{SIVYLEIDNR	33	>NOTCH1-I1{SIVYLESNDR	16	17
>NOTCH1-I1{SIVYLEIDNR	272	>NOTCH1-I1{SIVYLESNDR	572	300
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>NOTCH1-I1{GSIVYLEI	240	>NOTCH1-I1{GSIVYLES	34128	33888
>NOTCH1-I1{RGSIVYLEI	321	>NOTCH1-I1{RGSIVYLES	17781	17460
>NOTCH1-I1{RGSIVYLEI	213	>NOTCH1-I1{RGSIVYLES	30836	30623
>NOTCH1-I1{VRGSIVYLEI	401	>NOTCH1-I1{VRGSIVYLES	2391	1990
>NOTCH1-I1;IEAVQSETV	42	>NOTCH1-I1;TEAVQSETV	49	7
>NOTCH1-I1;IEAVQSETV	455	>NOTCH1-I1;TEAVQSETV	666	211

>NOTCH1-I1;IEAVQSET	2747	>NOTCH1-I1;TEAVQSET	453	2294
>NOTCH1-I1;IEAVQSETV	2546	>NOTCH1-I1;TEAVQSETV	432	2114
>NOTCH1-I1;IEAVQSETV	23	>NOTCH1-I1;TEAVQSETV	77	54
>NOTCH1-I1;KIEAVQSETV	100	>NOTCH1-I1;KTEAVQSETV	460	360
>NOTCH1-I1;KIEAVQSETV	435	>NOTCH1-I1;KTEAVQSETV	2118	1683
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>NOTCH1-I1;KIEAVQSETV	44	>NOTCH1-I1;KTEAVQSETV	1615	1571
>NOTCH1-I1;KIEAVQSETV	524	>NOTCH1-I1;KTEAVQSETV	209	315
>NOTCH1-I1;KIEAVQSET	9823	>NOTCH1-I1;KTEAVQSET	389	9434
>NOTCH1-I1;SLGSLNIPYKI	57	>NOTCH1-I1;SLGSLNIPYKT	1198	1141
>NOTCH1-I1;SLGSLNIPYKI	33	>NOTCH1-I1;SLGSLNIPYKT	513	480
>NOTCH1-I1;SLGSLNIPYKI	272	>NOTCH1-I1;SLGSLNIPYKT	3628	3356
>NOTCH1-I1;SLGSLNIPYKI	9	>NOTCH1-I1;SLGSLNIPYKT	186	177
>NOTCH1-I1;SLGSLNIPYKI	37	>NOTCH1-I1;SLGSLNIPYKT	2122	2085
>NOTCH1-I1;SLGSLNIPYKI	16	>NOTCH1-I1;SLGSLNIPYKT	281	265
>NOTCH1-I1;SLGSLNIPYKI	152	>NOTCH1-I1;SLGSLNIPYKT	3732	3580
>NOTCH1-I1;SLGSLNIPYKI	34	>NOTCH1-I1;SLGSLNIPYKT	483	449
>NOTCH1-I1;SLGSLNIPYKI	67	>NOTCH1-I1;SLGSLNIPYKT	5431	5364
>NOTCH1-I1;YKIEAVQSET\	42	>NOTCH1-I1;YKTEAVQSET	178	136
>NOTCH1-I1;YKIEAVQSET\	62	>NOTCH1-I1;YKTEAVQSET	184	122
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>NOTCH1-I1;YKIEAVQSET\	269	>NOTCH1-I1;YKTEAVQSET	186	83
>NOTCH1-I1;YKIEAVQSET\	103	>NOTCH1-I1;YKTEAVQSET	72	31
>NOTCH1-I1;YKIEAVQSE	488	>NOTCH1-I1;YKTEAVQSE	2249	1761
>NOTCH1-I1;YKIEAVQSET	298	>NOTCH1-I1;YKTEAVQSET	1385	1087
>NOTCH1-I1;YKIEAVQSET\	20	>NOTCH1-I1;YKTEAVQSET	59	39
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>NOTCH1-I1;IPYKIEAV	243	>NOTCH1-I1;IPYKTEAV	288	45
>NOTCH1-I1;IPYKIEAV	150	>NOTCH1-I1;IPYKTEAV	53	97
>NOTCH1-I1;IPYKIEAVQ	440	>NOTCH1-I1;IPYKTEAVQ	757	317
>NOTCH1-I1;IPYKIEAV	149	>NOTCH1-I1;IPYKTEAV	143	6
>NOTCH1-I1;IPYKIEAV	29	>NOTCH1-I1;IPYKTEAV	38	9
>NOTCH1-I1;IPYKIEAVQ	364	>NOTCH1-I1;IPYKTEAVQ	551	187
>NOTCH1-I1;NIPYKIEAV	475	>NOTCH1-I1;NIPYKTEAV	511	36
>NOTCH1-I1;NIPYKIEAV	98	>NOTCH1-I1;NIPYKTEAV	182	84
>NOTCH1-I1;NIPYKIEAV	144	>NOTCH1-I1;NIPYKTEAV	461	317
>NOTCH1-I1;NIPYKIEAV	348	>NOTCH1-I1;NIPYKTEAV	1462	1114
>NOTCH1-I1;NIPYKIEA	327	>NOTCH1-I1;NIPYKTEA	295	32
>NOTCH1-I1;NIPYKIEAV	16	>NOTCH1-I1;NIPYKTEAV	18	2
>NOTCH1-I1;LNIPYKIEAV	456	>NOTCH1-I1;LNIPYKTEAV	1080	624
>NOTCH1-I1;SLNIPYKIEAV	328	>NOTCH1-I1;SLNIPYKTEAV	476	148
>NOTCH1-I1;SLNIPYKI	123	>NOTCH1-I1;SLNIPYKT	1519	1396
>NOTCH1-I1;SLNIPYKIEAV	37	>NOTCH1-I1;SLNIPYKTEAV	36	1

>NOTCH1-I1;SLNIPYKI	73	>NOTCH1-I1;SLNIPYKT	1306	1233
>NOTCH1-I1;SLNIPYKIEA	645	>NOTCH1-I1;SLNIPYKTEA	360	285
>NOTCH1-I1;SLNIPYKIEAV	11	>NOTCH1-I1;SLNIPYKTEAV	11	0
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>NOTCH1-I1;SLNIPYKIEAV	3	>NOTCH1-I1;SLNIPYKTEAV	3	0
>NOTCH1-I1;SLNIPYKI	181	>NOTCH1-I1;SLNIPYKT	6569	6388
>NOTCH1-I1;SLNIPYKIEAV	28	>NOTCH1-I1;SLNIPYKTEAV	24	4
>NOTCH1-I1;SLNIPYKI	44	>NOTCH1-I1;SLNIPYKT	1109	1065
>NOTCH1-I1;SLNIPYKIEA	168	>NOTCH1-I1;SLNIPYKTEA	190	22
>NOTCH1-I1;SLNIPYKIEAV	13	>NOTCH1-I1;SLNIPYKTEAV	14	1
>NOTCH1-I1;SLNIPYKIEAV	159	>NOTCH1-I1;SLNIPYKTEAV	107	52
>NOTCH1-I1;SLNIPYKI	41	>NOTCH1-I1;SLNIPYKT	526	485
>NOTCH1-I1;SLNIPYKIEA	34	>NOTCH1-I1;SLNIPYKTEA	23	11
>NOTCH1-I1;SLNIPYKIEAV	4	>NOTCH1-I1;SLNIPYKTEAV	4	0
>NOTCH1-I1;SLNIPYKI	495	>NOTCH1-I1;SLNIPYKT	12254	11759
>NOTCH1-I1;GSLNIPYKI	21	>NOTCH1-I1;GSLNIPYKT	2446	2425
>NOTCH1-I1;GSLNIPYKI	352	>NOTCH1-I1;GSLNIPYKT	3126	2774
>NOTCH1-I1;GSLNIPYKI	104	>NOTCH1-I1;GSLNIPYKT	33230	33126
>NOTCH1-I1;LGSLNIPYKI	450	>NOTCH1-I1;LGSLNIPYKT	5221	4771
>NOTCH1-K1 KRDAHGQQM	135	>NOTCH1-K1 NRDAHGQQM	691	556
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>NOTCH1-K1 FKRDHAGQQ	17	>NOTCH1-K1 FNRDAHGQC	1240	1223
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>NOTCH1-K1 SRVLHTNVVF	285	>NOTCH1-K1 SRVLHTNVVF	5465	5180
>NOTCH1-K1 SRVLHTNVVF	203	>NOTCH1-K1 SRVLHTNVVF	2691	2488
>NOTCH1-K1 HTNVVFKR	681	>NOTCH1-K1 HTNVVFN	479	202
>NOTCH1-K1 HTNVVFKR	175	>NOTCH1-K1 HTNVVFN	87	88
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>NOTCH1-K1 HTNVVFKR	20	>NOTCH1-K1 HTNVVFN	13	7
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>NOTCH1-K1 HTNVVFKR	321	>NOTCH1-K1 HTNVVFN	290	31
>NOTCH1-K1 LHTNVVFKR	176	>NOTCH1-K1 LHTNVVFN	173	3
>NOTCH1-K1 VLHTNVVFK	32	>NOTCH1-K1 VLHTNVVFN	12779	12747
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>NOTCH1-K1 VLHTNVVFK	29	>NOTCH1-K1 VLHTNVVFN	8290	8261
>NOTCH1-K1 VLHTNVVFKF	62	>NOTCH1-K1 VLHTNVVFN	42	20
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>NOTCH1-K1 VLHTNVVFK	278	>NOTCH1-K1 VLHTNVVFN	24210	23932
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>NOTCH1-K1 RVLHTNVVFK	15	>NOTCH1-K1 RVLHTNVVFN	8652	8637
>NOTCH1-K1 RVLHTNVVFK	296	>NOTCH1-K1 RVLHTNVVFN	245	51
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>NOTCH1-L1 TLVVVVLM	35612	>NOTCH1-L1 TPVVVVLM	274	35338
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>NOTCH1-L1 TLVVVVLMPI	29083	>NOTCH1-L1 TPVVVVLMPI	418	28665
>NOTCH1-L1 TLVVVVLM	25778	>NOTCH1-L1 TPVVVVLM	291	25487
>NOTCH1-L1 HVPERLAAGT	390	>NOTCH1-L1 HVPERLAAGT	13253	12863
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>NOTCH1-L1 GTLVVVVL	397	>NOTCH1-L1 GTPVVVVL	2674	2277
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>NOTCH1-L1 AGTLVVVVL	126	>NOTCH1-L1 AGTPVVVVL	312	186
>NOTCH1-L1 AAGTLVVV	706	>NOTCH1-L1 AAGTPVVV	488	218
>NOTCH1-L1 AAGTLVVV	566	>NOTCH1-L1 AAGTPVVV	306	260
>NOTCH1-L1 AAGTLVVV	468	>NOTCH1-L1 AAGTPVVV	538	70
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>NOTCH1-L1 LAAGTLVV	433	>NOTCH1-L1 LAAGTPVV	814	381
>NOTCH1-L1 LAAGTLVVV	304	>NOTCH1-L1 LAAGTPVVV	1209	905
>NOTCH1-L1 LAAGTLVVVV	462	>NOTCH1-L1 LAAGTPVVV\	710	248
>NOTCH1-L1 LAAGTLVV	303	>NOTCH1-L1 LAAGTPVV	660	357
>NOTCH1-L1 LAAGTLVVV	246	>NOTCH1-L1 LAAGTPVVV	873	627
>NOTCH1-L1 LAAGTLVVVV	346	>NOTCH1-L1 LAAGTPVVV\	323	23
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>NOTCH1-L1 RLAAGTLV	17	>NOTCH1-L1 RLAAGTPV	14	3
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>NOTCH1-L1 RLAAGTLVVV	16	>NOTCH1-L1 RLAAGTPVV\	17	1
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>NOTCH1-L1 RLAAGTLVV	10	>NOTCH1-L1 RLAAGTPVV	11	1
>NOTCH1-L1 RLAAGTLVVV	18	>NOTCH1-L1 RLAAGTPVV\	22	4
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>NOTCH1-L1 RLAAGTLVV	3	>NOTCH1-L1 RLAAGTPVV	3	0
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>NOTCH1-L1 RLAAGTLVV	3	>NOTCH1-L1 RLAAGTPVV	3	0
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>NOTCH1-L1 RLAAGTLVVV	3	>NOTCH1-L1 RLAAGTPVV\	2	1
>NOTCH1-L1 RLAAGTLV	15	>NOTCH1-L1 RLAAGTPV	7	8
>NOTCH1-L1 RLAAGTLVV	7	>NOTCH1-L1 RLAAGTPVV	6	1
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>NOTCH1-L1 RLAAGTLV	2	>NOTCH1-L1 RLAAGTPV	2	0
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>NOTCH1-L1 RLAAGTLVVV	2	>NOTCH1-L1 RLAAGTPVV\	2	0
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>NOTCH1-L1 RLAAGTLVV	126	>NOTCH1-L1 RLAAGTPVV	194	68
>NOTCH1-L1 RLAAGTLVVV	212	>NOTCH1-L1 RLAAGTPVV\	395	183
>NOTCH1-L1 RLAAGTLVVV	179	>NOTCH1-L1 RLAAGTPVV\	232	53
>NOTCH1-L1 RLAAGTLV	1754	>NOTCH1-L1 RLAAGTPV	453	1301
>NOTCH1-L1 RLAAGTLVVV	583	>NOTCH1-L1 RLAAGTPVV\	429	154
>NOTCH1-L1 RLAAGTLVVV	439	>NOTCH1-L1 RLAAGTPVV\	334	105
>NOTCH1-L1 ERLAAGTLV	2048	>NOTCH1-L1 ERLAAGTPV	441	1607
>NOTCH1-L1 ERLAAGTLVV	304	>NOTCH1-L1 ERLAAGTPVV	499	195
>NOTCH1-L1 ERLAAGTL	111	>NOTCH1-L1 ERLAAGTP	19247	19136
>NOTCH1-L1 ERLAAGTLVV	191	>NOTCH1-L1 ERLAAGTPVV	186	5
>NOTCH1-L1 ERLAAGTLVV	319	>NOTCH1-L1 ERLAAGTPVV	129	190
>NOTCH1-L1 PERLAAGTLV	436	>NOTCH1-L1 PERLAAGTPV	189	247
>NOTCH1-L1 VPERLAAGTL	382	>NOTCH1-L1 VPERLAAGTP	39440	39058
>NOTCH1-L1 VPERLAAGTL	883	>NOTCH1-L1 VPERLAAGTP	71	812

>NOTCH1-L1 TLVVVVLM	420	>NOTCH1-L1 TQVVVVLM	3133	2713
>NOTCH1-L1 TLVVVVLM	2694	>NOTCH1-L1 TQVVVVLM	271	2423
>NOTCH1-L1 TLVVVVLM	441	>NOTCH1-L1 TQVVVVLM	13467	13026
>NOTCH1-L1 TLVVVVLM	2837	>NOTCH1-L1 TQVVVVLM	491	2346
>NOTCH1-L1 TLVVVVLM	4050	>NOTCH1-L1 TQVVVVLM	262	3788
>NOTCH1-L1 TLVVVVLM	5073	>NOTCH1-L1 TQVVVVLM	115	4958
>NOTCH1-L1 HVPERLAAGT	390	>NOTCH1-L1 HVPERLAAGT	10345	9955
>NOTCH1-L1 HVPERLAAGT	435	>NOTCH1-L1 HVPERLAAGT	1190	755
>NOTCH1-L1 HVPERLAAGT	485	>NOTCH1-L1 HVPERLAAGT	2414	1929
>NOTCH1-L1 HVPERLAAGT	200	>NOTCH1-L1 HVPERLAAGT	14120	13920
>NOTCH1-L1 GTLVVVVL	397	>NOTCH1-L1 GTQVVVVL	3139	2742
>NOTCH1-L1 GTLVVVVL	464	>NOTCH1-L1 GTQVVVVL	6873	6409
>NOTCH1-L1 GTLVVVVL	231	>NOTCH1-L1 GTQVVVVL	589	358
>NOTCH1-L1 GTLVVVVL	89	>NOTCH1-L1 GTQVVVVL	529	440
>NOTCH1-L1 GTLVVVVLM	105	>NOTCH1-L1 GTQVVVVLM	588	483
>NOTCH1-L1 GTLVVVVLM	1056	>NOTCH1-L1 GTQVVVVLM	347	709
>NOTCH1-L1 GTLVVVVLM	10	>NOTCH1-L1 GTQVVVVLM	16	6
>NOTCH1-L1 AGTLVVVVLM	126	>NOTCH1-L1 AGTQVVVVLI	599	473
>NOTCH1-L1 AAGTLVVV	468	>NOTCH1-L1 AAGTQVVV	365	103
>NOTCH1-L1 AAGTLVVVV	673	>NOTCH1-L1 AAGTQVVVV	353	320
>NOTCH1-L1 LAAGTLVV	433	>NOTCH1-L1 LAAGTQVV	432	1
>NOTCH1-L1 LAAGTLVVV	304	>NOTCH1-L1 LAAGTQVVV	600	296
>NOTCH1-L1 LAAGTLVVVV	462	>NOTCH1-L1 LAAGTQVVV^	568	106
>NOTCH1-L1 LAAGTLVV	303	>NOTCH1-L1 LAAGTQVV	793	490
>NOTCH1-L1 LAAGTLVVV	246	>NOTCH1-L1 LAAGTQVVV	2148	1902
>NOTCH1-L1 LAAGTLVVVV	346	>NOTCH1-L1 LAAGTQVVV^	641	295
>NOTCH1-L1 LAAGTLVV	115	>NOTCH1-L1 LAAGTQVV	630	515
>NOTCH1-L1 LAAGTLVVV	58	>NOTCH1-L1 LAAGTQVVV	1147	1089
>NOTCH1-L1 LAAGTLVVVV	197	>NOTCH1-L1 LAAGTQVVV^	576	379
>NOTCH1-L1 LAAGTLVV	290	>NOTCH1-L1 LAAGTQVV	370	80
>NOTCH1-L1 LAAGTLVVV	119	>NOTCH1-L1 LAAGTQVVV	349	230
>NOTCH1-L1 LAAGTLVVVV	127	>NOTCH1-L1 LAAGTQVVV^	263	136
>NOTCH1-L1 LAAGTLVVV	399	>NOTCH1-L1 LAAGTQVVV	576	177
>NOTCH1-L1 LAAGTLVVVV	349	>NOTCH1-L1 LAAGTQVVV^	561	212
>NOTCH1-L1 LAAGTLVV	20	>NOTCH1-L1 LAAGTQVV	15	5
>NOTCH1-L1 LAAGTLVVV	13	>NOTCH1-L1 LAAGTQVVV	21	8
>NOTCH1-L1 LAAGTLVVVV	20	>NOTCH1-L1 LAAGTQVVV^	23	3
>NOTCH1-L1 LAAGTLVV	403	>NOTCH1-L1 LAAGTQVV	244	159
>NOTCH1-L1 LAAGTLVVV	249	>NOTCH1-L1 LAAGTQVVV	186	63
>NOTCH1-L1 LAAGTLVVVV	337	>NOTCH1-L1 LAAGTQVVV^	410	73
>NOTCH1-L1 LAAGTLVVVV	651	>NOTCH1-L1 LAAGTQVVV^	485	166
>NOTCH1-L1 LAAGTLVVVV	424	>NOTCH1-L1 LAAGTQVVV^	251	173
>NOTCH1-L1 LAAGTLVVV	255	>NOTCH1-L1 LAAGTQVVV	1105	850

>NOTCH1-L1 LAAGTLVVVV	220	>NOTCH1-L1 LAAGTQVVV	89	131
>NOTCH1-L1 LAAGTLVVVV	235	>NOTCH1-L1 LAAGTQVVV	386	151
>NOTCH1-L1 RLAAGTLV	17	>NOTCH1-L1 RLAAGTQV	27	10
>NOTCH1-L1 RLAAGTLVV	18	>NOTCH1-L1 RLAAGTQVV	37	19
>NOTCH1-L1 RLAAGTLVVV	30	>NOTCH1-L1 RLAAGTQVV	173	143
>NOTCH1-L1 RLAAGTLVVV	16	>NOTCH1-L1 RLAAGTQVV	24	8
>NOTCH1-L1 RLAAGTLV	4	>NOTCH1-L1 RLAAGTQV	5	1
>NOTCH1-L1 RLAAGTLVV	10	>NOTCH1-L1 RLAAGTQVV	8	2
>NOTCH1-L1 RLAAGTLVVV	18	>NOTCH1-L1 RLAAGTQVV	33	15
>NOTCH1-L1 RLAAGTLVVV	7	>NOTCH1-L1 RLAAGTQVV	6	1
>NOTCH1-L1 RLAAGTLV	3	>NOTCH1-L1 RLAAGTQV	3	0
>NOTCH1-L1 RLAAGTLVV	3	>NOTCH1-L1 RLAAGTQVV	3	0
>NOTCH1-L1 RLAAGTLVVV	15	>NOTCH1-L1 RLAAGTQVV	82	67
>NOTCH1-L1 RLAAGTLVVV	3	>NOTCH1-L1 RLAAGTQVV	3	0
>NOTCH1-L1 RLAAGTLV	11	>NOTCH1-L1 RLAAGTQV	19	8
>NOTCH1-L1 RLAAGTLVV	12	>NOTCH1-L1 RLAAGTQVV	17	5
>NOTCH1-L1 RLAAGTLVVV	131	>NOTCH1-L1 RLAAGTQVV	1664	1533
>NOTCH1-L1 RLAAGTLVVV	16	>NOTCH1-L1 RLAAGTQVV	19	3
>NOTCH1-L1 RLAAGTLV	4	>NOTCH1-L1 RLAAGTQV	3	1
>NOTCH1-L1 RLAAGTLVV	3	>NOTCH1-L1 RLAAGTQVV	3	0
>NOTCH1-L1 RLAAGTLVVV	3	>NOTCH1-L1 RLAAGTQVV	3	0
>NOTCH1-L1 RLAAGTLVVV	3	>NOTCH1-L1 RLAAGTQVV	3	0
>NOTCH1-L1 RLAAGTLV	15	>NOTCH1-L1 RLAAGTQV	18	3
>NOTCH1-L1 RLAAGTLVV	7	>NOTCH1-L1 RLAAGTQVV	5	2
>NOTCH1-L1 RLAAGTLVVV	5	>NOTCH1-L1 RLAAGTQVV	6	1
>NOTCH1-L1 RLAAGTLVVV	6	>NOTCH1-L1 RLAAGTQVV	5	1
>NOTCH1-L1 RLAAGTLV	6	>NOTCH1-L1 RLAAGTQV	5	1
>NOTCH1-L1 RLAAGTLVV	5	>NOTCH1-L1 RLAAGTQVV	5	0
>NOTCH1-L1 RLAAGTLVVV	5	>NOTCH1-L1 RLAAGTQVV	6	1
>NOTCH1-L1 RLAAGTLVVV	5	>NOTCH1-L1 RLAAGTQVV	5	0
>NOTCH1-L1 RLAAGTLV	11	>NOTCH1-L1 RLAAGTQV	5	6
>NOTCH1-L1 RLAAGTLVV	4	>NOTCH1-L1 RLAAGTQVV	3	1
>NOTCH1-L1 RLAAGTLVVV	3	>NOTCH1-L1 RLAAGTQVV	4	1
>NOTCH1-L1 RLAAGTLVVV	4	>NOTCH1-L1 RLAAGTQVV	4	0
>NOTCH1-L1 RLAAGTLV	2	>NOTCH1-L1 RLAAGTQV	2	0
>NOTCH1-L1 RLAAGTLVV	2	>NOTCH1-L1 RLAAGTQVV	2	0
>NOTCH1-L1 RLAAGTLVVV	2	>NOTCH1-L1 RLAAGTQVV	2	0
>NOTCH1-L1 RLAAGTLVVV	2	>NOTCH1-L1 RLAAGTQVV	2	0
>NOTCH1-L1 RLAAGTLVV	248	>NOTCH1-L1 RLAAGTQVV	519	271
>NOTCH1-L1 RLAAGTLVVV	253	>NOTCH1-L1 RLAAGTQVV	329	76
>NOTCH1-L1 RLAAGTLVVV	139	>NOTCH1-L1 RLAAGTQVV	250	111
>NOTCH1-L1 RLAAGTLVVV	292	>NOTCH1-L1 RLAAGTQVV	245	47
>NOTCH1-L1 RLAAGTLVV	252	>NOTCH1-L1 RLAAGTQVV	332	80

>NOTCH1-L1 RLAAGTLVV	126	>NOTCH1-L1 RLAAGTQVV	152	26
>NOTCH1-L1 RLAAGTLVVV	212	>NOTCH1-L1 RLAAGTQVV\	268	56
>NOTCH1-L1 RLAAGTLVVV	179	>NOTCH1-L1 RLAAGTQVV\	207	28
>NOTCH1-L1 RLAAGTLVV	703	>NOTCH1-L1 RLAAGTQVV	478	225
>NOTCH1-L1 RLAAGTLVVV	583	>NOTCH1-L1 RLAAGTQVV\	460	123
>NOTCH1-L1 RLAAGTLVVV	439	>NOTCH1-L1 RLAAGTQVV\	348	91
>NOTCH1-L1 ERLAAGTLVV	304	>NOTCH1-L1 ERLAAGTQV\	419	115
>NOTCH1-L1 ERLAAGTL	111	>NOTCH1-L1 ERLAAGTQ	15705	15594
>NOTCH1-L1 ERLAAGTLVV	191	>NOTCH1-L1 ERLAAGTQV\	258	67
>NOTCH1-L1 ERLAAGTLVV	319	>NOTCH1-L1 ERLAAGTQV\	244	75
>NOTCH1-L1 PERLAAGTLV	436	>NOTCH1-L1 PERLAAGTQ\	444	8
>NOTCH1-L1 VPERLAAGTL	382	>NOTCH1-L1 VPERLAAGTC	18517	18135
>NOTCH1-L1 VPERLAAGTL	1848	>NOTCH1-L1 VPERLAAGTC	480	1368
>NOTCH1-L1 VPERLAAGTL	883	>NOTCH1-L1 VPERLAAGTC	360	523
>NOTCH1-L1 LRNSSFHFL	492	>NOTCH1-L1 PRNSSFHFL	1411	919
>NOTCH1-L1 LRNSSFHFLR	34	>NOTCH1-L1 PRNSSFHFLR	312	278
>NOTCH1-L1 LRNSSFHFLR	112	>NOTCH1-L1 PRNSSFHFLR	1274	1162
>NOTCH1-L1 LRNSSFHF	8	>NOTCH1-L1 PRNSSFHF	70	62
>NOTCH1-L1 LRNSSFHFL	65	>NOTCH1-L1 PRNSSFHFL	706	641
>NOTCH1-L1 LRNSSFHF	171	>NOTCH1-L1 PRNSSFHF	2231	2060
>NOTCH1-L1 LRNSSFHFL	113	>NOTCH1-L1 PRNSSFHFL	1588	1475
>NOTCH1-L1 LRNSSFHFLR	304	>NOTCH1-L1 PRNSSFHFLR	4932	4628
>NOTCH1-L1 LRNSSFHFL	373	>NOTCH1-L1 PRNSSFHFL	5644	5271
>NOTCH1-L1 LRNSSFHFL	48	>NOTCH1-L1 PRNSSFHFL	232	184
>NOTCH1-L1 LRNSSFHFLR	285	>NOTCH1-L1 PRNSSFHFLR	483	198
>NOTCH1-L1 QLRNSSFHF	37115	>NOTCH1-L1 QPRNSSFHF	369	36746
>NOTCH1-L1 QLRNSSFHFL	31198	>NOTCH1-L1 QPRNSSFHFL	80	31118
>NOTCH1-L1 QLRNSSFHFL	43	>NOTCH1-L1 QPRNSSFHFL	13951	13908
>NOTCH1-L1 QLRNSSFHFL	130	>NOTCH1-L1 QPRNSSFHFL	21693	21563
>NOTCH1-L1 QLRNSSFHFL	264	>NOTCH1-L1 QPRNSSFHFL	27523	27259
>NOTCH1-L1 QLRNSSFHFL	132	>NOTCH1-L1 QPRNSSFHFL	23946	23814
>NOTCH1-L1 QLRNSSFHFL	11	>NOTCH1-L1 QPRNSSFHFL	28705	28694
>NOTCH1-L1 QLRNSSFHFL	183	>NOTCH1-L1 QPRNSSFHFL	18344	18161
>NOTCH1-L1 QLRNSSFHFL	37	>NOTCH1-L1 QPRNSSFHFL	8864	8827
>NOTCH1-L1 QLRNSSFHFL	100	>NOTCH1-L1 QPRNSSFHFL	11803	11703
>NOTCH1-L1 QLRNSSFHFL	10	>NOTCH1-L1 QPRNSSFHFL	405	395
>NOTCH1-L1 QLRNSSFHFL	49	>NOTCH1-L1 QPRNSSFHFL	486	437
>NOTCH1-L1 QLRNSSFHFL	95	>NOTCH1-L1 QPRNSSFHFL	664	569
>NOTCH1-L1 QLRNSSFHF	18690	>NOTCH1-L1 QPRNSSFHF	105	18585
>NOTCH1-L1 QLRNSSFHFL	32586	>NOTCH1-L1 QPRNSSFHFL	260	32326
>NOTCH1-L1 QLRNSSFHF	26	>NOTCH1-L1 QPRNSSFHF	2212	2186
>NOTCH1-L1 QLRNSSFHF	102	>NOTCH1-L1 QPRNSSFHF	1376	1274
>NOTCH1-L1 QLRNSSFHF	9	>NOTCH1-L1 QPRNSSFHF	45	36

>NOTCH1-L1 QLRNSSFHFL	166	>NOTCH1-L1 QPRNSSFHFL	1674	1508
>NOTCH1-L1 QLRNSSFHF	74	>NOTCH1-L1 QPRNSSFHF	2770	2696
>NOTCH1-L1 QLRNSSFHF	10452	>NOTCH1-L1 QPRNSSFHF	277	10175
>NOTCH1-L1 QLRNSSFHFL	260	>NOTCH1-L1 QPRNSSFHFL	470	210
>NOTCH1-L1 VVVVLMPPPEI	412	>NOTCH1-L1 VVVVLMPPPEI	18277	17865
>NOTCH1-L1 VVVVLMPPPEI	403	>NOTCH1-L1 VVVVLMPPPEI	22206	21803
>NOTCH1-L1 EQLRNSSFHF	189	>NOTCH1-L1 EQPRNSSFHF	515	326
>NOTCH1-L1 EQLRNSSFHF	69	>NOTCH1-L1 EQPRNSSFHF	294	225
>NOTCH1-L1 EQLRNSSFHF	1104	>NOTCH1-L1 EQPRNSSFHF	238	866
>NOTCH1-L1 EQLRNSSFHF	406	>NOTCH1-L1 EQPRNSSFHF	7514	7108
>NOTCH1-L1 EQLRNSSF	113	>NOTCH1-L1 EQPRNSSF	202	89
>NOTCH1-L1 EQLRNSSFHF	84	>NOTCH1-L1 EQPRNSSFHF	136	52
>NOTCH1-L1 EQLRNSSF	209	>NOTCH1-L1 EQPRNSSF	616	407
>NOTCH1-L1 EQLRNSSF	4	>NOTCH1-L1 EQPRNSSF	27	23
>NOTCH1-L1 EQLRNSSFHF	6	>NOTCH1-L1 EQPRNSSFHF	54	48
>NOTCH1-L1 EQLRNSSFHF	136	>NOTCH1-L1 EQPRNSSFHF	1384	1248
>NOTCH1-L1 EQLRNSSFHF	230	>NOTCH1-L1 EQPRNSSFHF	4247	4017
>NOTCH1-L1 MPPEQLRNSI	395	>NOTCH1-L1 MPPEQPRNS	263	132
>NOTCH1-L1 MPPEQLRNSI	124	>NOTCH1-L1 MPPEQPRNS	176	52
>NOTCH1-L1 MPPEQLRNSI	34	>NOTCH1-L1 MPPEQPRNS	32	2
>NOTCH1-L1 MPPEQLRNSI	137	>NOTCH1-L1 MPPEQPRNS	120	17
>NOTCH1-L1 LMPPEQLR	303	>NOTCH1-L1 LMPPEQPR	174	129
>NOTCH1-L1 VLMPPPEQL	57	>NOTCH1-L1 VLMPPPEQP	20266	20209
>NOTCH1-L1 VLMPPPEQL	19	>NOTCH1-L1 VLMPPPEQP	4749	4730
>NOTCH1-L1 VLMPPPEQL	87	>NOTCH1-L1 VLMPPPEQP	12497	12410
>NOTCH1-L1 VLMPPPEQL	329	>NOTCH1-L1 VLMPPPEQP	16632	16303
>NOTCH1-L1 VLMPPPEQL	5	>NOTCH1-L1 VLMPPPEQP	1972	1967
>NOTCH1-L1 VLMPPPEQL	27	>NOTCH1-L1 VLMPPPEQP	16898	16871
>NOTCH1-L1 VLMPPPEQL	37	>NOTCH1-L1 VLMPPPEQP	12884	12847
>NOTCH1-L1 VLMPPPEQL	6	>NOTCH1-L1 VLMPPPEQP	13301	13295
>NOTCH1-L1 VLMPPPEQL	4	>NOTCH1-L1 VLMPPPEQP	3745	3741
>NOTCH1-L1 VLMPPPEQLR	250	>NOTCH1-L1 VLMPPPEQPR	185	65
>NOTCH1-L1 VVLMPPPEQL	50	>NOTCH1-L1 VVLMPPPEQP	16051	16001
>NOTCH1-L1 VVLMPPPEQLI	441	>NOTCH1-L1 VVLMPPPEQPI	587	146
>NOTCH1-L1 VVLMPPPEQLI	173	>NOTCH1-L1 VVLMPPPEQPI	398	225
>NOTCH1-L1 VVVLMPPPEQ	574	>NOTCH1-L1 VVVLMPPPEQ	407	167
>NOTCH1-L1 VVVLMPPPEQ	177	>NOTCH1-L1 VVVLMPPPEQ	395	218
>NOTCH1-L1 LRNSSFHFL	492	>NOTCH1-L1 QRNSSFHFL	3568	3076
>NOTCH1-L1 LRNSSFHFLR	34	>NOTCH1-L1 QRNSSFHFLR	54	20
>NOTCH1-L1 LRNSSFHFLR	112	>NOTCH1-L1 QRNSSFHFLR	226	114
>NOTCH1-L1 LRNSSFHF	8	>NOTCH1-L1 QRNSSFHF	13	5
>NOTCH1-L1 LRNSSFHFL	65	>NOTCH1-L1 QRNSSFHFL	115	50
>NOTCH1-L1 LRNSSFHF	171	>NOTCH1-L1 QRNSSFHF	182	11

>NOTCH1-L1 LRNSSFHFL	113	>NOTCH1-L1 QRNSSFHFL	112	1
>NOTCH1-L1 LRNSSFHFLR	304	>NOTCH1-L1 QRNSSFHFLR	243	61
>NOTCH1-L1 LRNSSFHFL	373	>NOTCH1-L1 QRNSSFHFL	204	169
>NOTCH1-L1 LRNSSFHFL	955	>NOTCH1-L1 QRNSSFHFL	270	685
>NOTCH1-L1 LRNSSFHFL	48	>NOTCH1-L1 QRNSSFHFL	33	15
>NOTCH1-L1 LRNSSFHFLR	285	>NOTCH1-L1 QRNSSFHFLR	142	143
>NOTCH1-L1 QLRNSSFHFL	43	>NOTCH1-L1 QQRNSSFHFL	493	450
>NOTCH1-L1 QLRNSSFHFL	130	>NOTCH1-L1 QQRNSSFHFL	1630	1500
>NOTCH1-L1 QLRNSSFHFL	264	>NOTCH1-L1 QQRNSSFHFL	10261	9997
>NOTCH1-L1 QLRNSSFHFL	132	>NOTCH1-L1 QQRNSSFHFL	6773	6641
>NOTCH1-L1 QLRNSSFHFL	11	>NOTCH1-L1 QQRNSSFHFL	14745	14734
>NOTCH1-L1 QLRNSSFHFL	183	>NOTCH1-L1 QQRNSSFHFL	3472	3289
>NOTCH1-L1 QLRNSSFHFL	37	>NOTCH1-L1 QQRNSSFHFL	73	36
>NOTCH1-L1 QLRNSSFHFL	100	>NOTCH1-L1 QQRNSSFHFL	212	112
>NOTCH1-L1 QLRNSSFHFL	10	>NOTCH1-L1 QQRNSSFHFL	10	0
>NOTCH1-L1 QLRNSSFHFL	49	>NOTCH1-L1 QQRNSSFHFL	471	422
>NOTCH1-L1 QLRNSSFHFL	95	>NOTCH1-L1 QQRNSSFHFL	767	672
>NOTCH1-L1 QLRNSSFHF	26	>NOTCH1-L1 QQRNSSFHF	22	4
>NOTCH1-L1 QLRNSSFHFL	898	>NOTCH1-L1 QQRNSSFHFL	165	733
>NOTCH1-L1 QLRNSSFHF	102	>NOTCH1-L1 QQRNSSFHF	126	24
>NOTCH1-L1 QLRNSSFH	1956	>NOTCH1-L1 QQRNSSFH	74	1882
>NOTCH1-L1 QLRNSSFHF	9	>NOTCH1-L1 QQRNSSFHF	2	7
>NOTCH1-L1 QLRNSSFHFL	166	>NOTCH1-L1 QQRNSSFHFL	9	157
>NOTCH1-L1 QLRNSSFHFL	3875	>NOTCH1-L1 QQRNSSFHFL	206	3669
>NOTCH1-L1 QLRNSSFHF	74	>NOTCH1-L1 QQRNSSFHF	756	682
>NOTCH1-L1 QLRNSSFHFL	260	>NOTCH1-L1 QQRNSSFHFL	231	29
>NOTCH1-L1 VVVVLMPPPEI	412	>NOTCH1-L1 VVVVLMPPPEI	3407	2995
>NOTCH1-L1 VVVVLMPPPEI	403	>NOTCH1-L1 VVVVLMPPPEI	15925	15522
>NOTCH1-L1 EQLRNSSFHF	189	>NOTCH1-L1 EQQRNSSFHI	702	513
>NOTCH1-L1 EQLRNSSFHF	69	>NOTCH1-L1 EQQRNSSFHI	605	536
>NOTCH1-L1 EQLRNSSFHF	406	>NOTCH1-L1 EQQRNSSFHI	6023	5617
>NOTCH1-L1 EQLRNSSF	113	>NOTCH1-L1 EQQRNSSF	59	54
>NOTCH1-L1 EQLRNSSFHF	84	>NOTCH1-L1 EQQRNSSFHI	49	35
>NOTCH1-L1 EQLRNSSF	209	>NOTCH1-L1 EQQRNSSF	171	38
>NOTCH1-L1 EQLRNSSF	4	>NOTCH1-L1 EQQRNSSF	10	6
>NOTCH1-L1 EQLRNSSFHF	6	>NOTCH1-L1 EQQRNSSFHI	17	11
>NOTCH1-L1 EQLRNSSFHF	136	>NOTCH1-L1 EQQRNSSFHI	628	492
>NOTCH1-L1 EQLRNSSFHF	230	>NOTCH1-L1 EQQRNSSFHI	784	554
>NOTCH1-L1 MPPEQQRNS:	395	>NOTCH1-L1 MPPEQQRNS	137	258
>NOTCH1-L1 MPPEQQRNS:	124	>NOTCH1-L1 MPPEQQRNS	153	29
>NOTCH1-L1 MPPEQQRNS:	34	>NOTCH1-L1 MPPEQQRNS	29	5
>NOTCH1-L1 MPPEQQRNS:	137	>NOTCH1-L1 MPPEQQRNS	125	12
>NOTCH1-L1 MPPEQQRNS:	519	>NOTCH1-L1 MPPEQQRNS	348	171

>NOTCH1-L1 LMPPEQLR	303	>NOTCH1-L1 LMPPEQQR	648	345
>NOTCH1-L1 VLMPPEQL	57	>NOTCH1-L1 VLMPPEQQ	13111	13054
>NOTCH1-L1 VLMPPEQL	19	>NOTCH1-L1 VLMPPEQQ	2531	2512
>NOTCH1-L1 VLMPPEQL	87	>NOTCH1-L1 VLMPPEQQ	8865	8778
>NOTCH1-L1 VLMPPEQL	329	>NOTCH1-L1 VLMPPEQQ	12465	12136
>NOTCH1-L1 VLMPPEQL	5	>NOTCH1-L1 VLMPPEQQ	473	468
>NOTCH1-L1 VLMPPEQL	27	>NOTCH1-L1 VLMPPEQQ	11747	11720
>NOTCH1-L1 VLMPPEQL	37	>NOTCH1-L1 VLMPPEQQ	4421	4384
>NOTCH1-L1 VLMPPEQL	6	>NOTCH1-L1 VLMPPEQQ	3179	3173
>NOTCH1-L1 VLMPPEQL	4	>NOTCH1-L1 VLMPPEQQ	46	42
>NOTCH1-L1 VLMPPEQLR	250	>NOTCH1-L1 VLMPPEQQR	570	320
>NOTCH1-L1 VVLMPEQL	50	>NOTCH1-L1 VVLMPEQQ	7943	7893
>NOTCH1-L1 VVLMPEQLI	441	>NOTCH1-L1 VVLMPEQQ	1065	624
>NOTCH1-L1 VVLMPEQLI	173	>NOTCH1-L1 VVLMPEQQ	805	632
>NOTCH1-L1 VVLMPEQL	177	>NOTCH1-L1 VVLMPEQQ	310	133
>NOTCH1-L1 LRNSSFHFL	492	>NOTCH1-L1 RRNSSFHFL	889	397
>NOTCH1-L1 LRNSSFHFLR	34	>NOTCH1-L1 RRNSSFHFLR	13	21
>NOTCH1-L1 LRNSSFHFLR	112	>NOTCH1-L1 RRNSSFHFLR	545	433
>NOTCH1-L1 LRNSSFHF	8	>NOTCH1-L1 RRNSSFHF	4	4
>NOTCH1-L1 LRNSSFHFL	65	>NOTCH1-L1 RRNSSFHFL	23	42
>NOTCH1-L1 LRNSSFHFLR	1008	>NOTCH1-L1 RRNSSFHFLR	429	579
>NOTCH1-L1 LRNSSFHF	171	>NOTCH1-L1 RRNSSFHF	32	139
>NOTCH1-L1 LRNSSFHFL	113	>NOTCH1-L1 RRNSSFHFL	23	90
>NOTCH1-L1 LRNSSFHFLR	304	>NOTCH1-L1 RRNSSFHFLR	18	286
>NOTCH1-L1 LRNSSFHFL	373	>NOTCH1-L1 RRNSSFHFL	304	69
>NOTCH1-L1 LRNSSFHF	8089	>NOTCH1-L1 RRNSSFHF	58	8031
>NOTCH1-L1 LRNSSFHFL	955	>NOTCH1-L1 RRNSSFHFL	34	921
>NOTCH1-L1 LRNSSFHFLR	8178	>NOTCH1-L1 RRNSSFHFLR	129	8049
>NOTCH1-L1 LRNSSFHFLRI	11789	>NOTCH1-L1 RRNSSFHFLR	365	11424
>NOTCH1-L1 LRNSSFHF	4597	>NOTCH1-L1 RRNSSFHF	235	4362
>NOTCH1-L1 LRNSSFHFL	48	>NOTCH1-L1 RRNSSFHFL	8	40
>NOTCH1-L1 LRNSSFHFLR	2019	>NOTCH1-L1 RRNSSFHFLR	85	1934
>NOTCH1-L1 LRNSSFHFLR	285	>NOTCH1-L1 RRNSSFHFLR	54	231
>NOTCH1-L1 QLRNSSFHFL	43	>NOTCH1-L1 QRRNSSFHFL	10852	10809
>NOTCH1-L1 QLRNSSFHFL	130	>NOTCH1-L1 QRRNSSFHFL	19233	19103
>NOTCH1-L1 QLRNSSFHFL	264	>NOTCH1-L1 QRRNSSFHFL	25913	25649
>NOTCH1-L1 QLRNSSFHFL	132	>NOTCH1-L1 QRRNSSFHFL	23156	23024
>NOTCH1-L1 QLRNSSFHFL	11	>NOTCH1-L1 QRRNSSFHFL	23488	23477
>NOTCH1-L1 QLRNSSFHFL	183	>NOTCH1-L1 QRRNSSFHFL	20915	20732
>NOTCH1-L1 QLRNSSFHFL	37	>NOTCH1-L1 QRRNSSFHFL	830	793
>NOTCH1-L1 QLRNSSFHFL	100	>NOTCH1-L1 QRRNSSFHFL	2001	1901
>NOTCH1-L1 QLRNSSFHFL	10	>NOTCH1-L1 QRRNSSFHFL	1411	1401
>NOTCH1-L1 QLRNSSFHFL	49	>NOTCH1-L1 QRRNSSFHFL	2397	2348



>NOTCH1-L1 QLRNSSFHFL	95	>NOTCH1-L1 QRRNSSFHFL	2046	1951
>NOTCH1-L1 QLRNSSFHF	26	>NOTCH1-L1 QRRNSSFHF	2712	2686
>NOTCH1-L1 QLRNSSFHF	102	>NOTCH1-L1 QRRNSSFHF	4211	4109
>NOTCH1-L1 QLRNSSFHF	9	>NOTCH1-L1 QRRNSSFHF	6	3
>NOTCH1-L1 QLRNSSFHFL	166	>NOTCH1-L1 QRRNSSFHFL	54	112
>NOTCH1-L1 QLRNSSFHF	74	>NOTCH1-L1 QRRNSSFHF	10143	10069
>NOTCH1-L1 QLRNSSFHF	17706	>NOTCH1-L1 QRRNSSFHF	295	17411
>NOTCH1-L1 QLRNSSFHFL	19810	>NOTCH1-L1 QRRNSSFHFL	37	19773
>NOTCH1-L1 QLRNSSFHFL	15466	>NOTCH1-L1 QRRNSSFHFL	320	15146
>NOTCH1-L1 QLRNSSFHFL	7709	>NOTCH1-L1 QRRNSSFHFL	36	7673
>NOTCH1-L1 QLRNSSFHFL	9095	>NOTCH1-L1 QRRNSSFHFL	38	9057
>NOTCH1-L1 QLRNSSFHFL	260	>NOTCH1-L1 QRRNSSFHFL	450	190
>NOTCH1-L1 VVVVLMPEQ	412	>NOTCH1-L1 VVVVLMPEQ	9905	9493
>NOTCH1-L1 VVVVLMPEQ	14632	>NOTCH1-L1 VVVVLMPEQ	272	14360
>NOTCH1-L1 VVVVLMPEQ	29376	>NOTCH1-L1 VVVVLMPEQ	196	29180
>NOTCH1-L1 VVVVLMPEQ	403	>NOTCH1-L1 VVVVLMPEQ	18579	18176
>NOTCH1-L1 EQLRNSSFHF	189	>NOTCH1-L1 EQRRNSSFHF	1104	915
>NOTCH1-L1 EQLRNSSFHF	69	>NOTCH1-L1 EQRRNSSFHF	2163	2094
>NOTCH1-L1 EQLRNSSFHF	406	>NOTCH1-L1 EQRRNSSFHF	10966	10560
>NOTCH1-L1 EQLRNSSF	113	>NOTCH1-L1 EQRRNSSF	45	68
>NOTCH1-L1 EQLRNSSFHF	84	>NOTCH1-L1 EQRRNSSFHF	37	47
>NOTCH1-L1 EQLRNSSF	209	>NOTCH1-L1 EQRRNSSF	135	74
>NOTCH1-L1 EQLRNSSF	4	>NOTCH1-L1 EQRRNSSF	3	1
>NOTCH1-L1 EQLRNSSFHF	6	>NOTCH1-L1 EQRRNSSFHF	5	1
>NOTCH1-L1 EQLRNSSFHF	136	>NOTCH1-L1 EQRRNSSFHF	75	61
>NOTCH1-L1 EQLRNSSFHF	230	>NOTCH1-L1 EQRRNSSFHF	4413	4183
>NOTCH1-L1 MPPEQRRNS:	395	>NOTCH1-L1 MPPEQRRNS	136	259
>NOTCH1-L1 MPPEQRRNS:	124	>NOTCH1-L1 MPPEQRRNS	48	76
>NOTCH1-L1 MPPEQRRNS:	34	>NOTCH1-L1 MPPEQRRNS	44	10
>NOTCH1-L1 MPPEQRRNS:	137	>NOTCH1-L1 MPPEQRRNS	182	45
>NOTCH1-L1 MPPEQRRNS:	519	>NOTCH1-L1 MPPEQRRNS	380	139
>NOTCH1-L1 LMPPEQLR	303	>NOTCH1-L1 LMPPEQRR	526	223
>NOTCH1-L1 VLMPEQL	57	>NOTCH1-L1 VLMPEQR	20455	20398
>NOTCH1-L1 VLMPEQL	19	>NOTCH1-L1 VLMPEQR	10753	10734
>NOTCH1-L1 VLMPEQL	87	>NOTCH1-L1 VLMPEQR	17958	17871
>NOTCH1-L1 VLMPEQL	329	>NOTCH1-L1 VLMPEQR	23591	23262
>NOTCH1-L1 VLMPEQL	5	>NOTCH1-L1 VLMPEQR	4160	4155
>NOTCH1-L1 VLMPEQL	27	>NOTCH1-L1 VLMPEQR	22559	22532
>NOTCH1-L1 VLMPEQL	37	>NOTCH1-L1 VLMPEQR	16571	16534
>NOTCH1-L1 VLMPEQL	6	>NOTCH1-L1 VLMPEQR	14978	14972
>NOTCH1-L1 VLMPEQL	4	>NOTCH1-L1 VLMPEQR	3098	3094
>NOTCH1-L1 VLMPEQL	19474	>NOTCH1-L1 VLMPEQR	375	19099
>NOTCH1-L1 VLMPEQLR	250	>NOTCH1-L1 VLMPEQRR	565	315

>NOTCH1-L1 VVLMPPPEQL	50	>NOTCH1-L1 VVLMPPPEQR	18634	18584
>NOTCH1-L1 VVLMPPPEQL	21630	>NOTCH1-L1 VVLMPPPEQR	349	21281
>NOTCH1-L1 VVLMPPPEQLI	441	>NOTCH1-L1 VVLMPPPEQR	1272	831
>NOTCH1-L1 VVLMPPPEQL	18082	>NOTCH1-L1 VVLMPPPEQR	393	17689
>NOTCH1-L1 VVLMPPPEQLI	173	>NOTCH1-L1 VVLMPPPEQR	959	786
>NOTCH1-L1 VVVLMPPPEQ	30238	>NOTCH1-L1 VVVLMPPPEQ	134	30104
>NOTCH1-L1 VVVLMPPPEQ	177	>NOTCH1-L1 VVVLMPPPEQ	435	258
>NOTCH1-L1 FLRELSRV	40	>NOTCH1-L1 FPRELSRV	19407	19367
>NOTCH1-L1 FLRELSRV	8	>NOTCH1-L1 FPRELSRV	16224	16216
>NOTCH1-L1 FLRELSRVL	89	>NOTCH1-L1 FPRELSRVL	20577	20488
>NOTCH1-L1 FLRELSRV	2	>NOTCH1-L1 FPRELSRV	6582	6580
>NOTCH1-L1 FLRELSRVL	11	>NOTCH1-L1 FPRELSRVL	20245	20234
>NOTCH1-L1 FLRELSRVLHT	29	>NOTCH1-L1 FPRELSRVLHT	18881	18852
>NOTCH1-L1 FLRELSRV	26	>NOTCH1-L1 FPRELSRV	7683	7657
>NOTCH1-L1 FLRELSRV	2	>NOTCH1-L1 FPRELSRV	6634	6632
>NOTCH1-L1 FLRELSRVL	15	>NOTCH1-L1 FPRELSRVL	20694	20679
>NOTCH1-L1 FLRELSRVLHT	200	>NOTCH1-L1 FPRELSRVLHT	25418	25218
>NOTCH1-L1 FLRELSRV	6	>NOTCH1-L1 FPRELSRV	19446	19440
>NOTCH1-L1 FLRELSRVL	53	>NOTCH1-L1 FPRELSRVL	23143	23090
>NOTCH1-L1 FLRELSRV	10	>NOTCH1-L1 FPRELSRV	17661	17651
>NOTCH1-L1 FLRELSRVL	200	>NOTCH1-L1 FPRELSRVL	25675	25475
>NOTCH1-L1 FLRELSRV	21	>NOTCH1-L1 FPRELSRV	22637	22616
>NOTCH1-L1 FLRELSRV	1	>NOTCH1-L1 FPRELSRV	5162	5161
>NOTCH1-L1 FLRELSRVL	8	>NOTCH1-L1 FPRELSRVL	27748	27740
>NOTCH1-L1 FLRELSRVLHT	35	>NOTCH1-L1 FPRELSRVLHT	32321	32286
>NOTCH1-L1 FLRELSRV	13797	>NOTCH1-L1 FPRELSRV	38	13759
>NOTCH1-L1 FLRELSRVL	282	>NOTCH1-L1 FPRELSRVL	11	271
>NOTCH1-L1 FLRELSRVLHT	19735	>NOTCH1-L1 FPRELSRVLHT	197	19538
>NOTCH1-L1 FLRELSRVL	65	>NOTCH1-L1 FPRELSRVL	68	3
>NOTCH1-L1 FLRELSRVL	123	>NOTCH1-L1 FPRELSRVL	13652	13529
>NOTCH1-L1 FLRELSRVL	470	>NOTCH1-L1 FPRELSRVL	6547	6077
>NOTCH1-L1 FLRELSRVL	10489	>NOTCH1-L1 FPRELSRVL	61	10428
>NOTCH1-L1 FLRELSRVL	2603	>NOTCH1-L1 FPRELSRVL	189	2414
>NOTCH1-L1 FLRELSRV	22151	>NOTCH1-L1 FPRELSRV	247	21904
>NOTCH1-L1 FLRELSRV	22053	>NOTCH1-L1 FPRELSRV	20	22033
>NOTCH1-L1 FLRELSRVLHT	28740	>NOTCH1-L1 FPRELSRVLHT	192	28548
>NOTCH1-L1 FLRELSRVL	10569	>NOTCH1-L1 FPRELSRVL	178	10391
>NOTCH1-L1 EQLRNSSFHF	189	>NOTCH1-L1 EQLRNSSFHF	13045	12856
>NOTCH1-L1 EQLRNSSFHF	69	>NOTCH1-L1 EQLRNSSFHF	5170	5101
>NOTCH1-L1 EQLRNSSFHF	406	>NOTCH1-L1 EQLRNSSFHF	15701	15295
>NOTCH1-L1 EQLRNSSFHF	136	>NOTCH1-L1 EQLRNSSFHF	4336	4200
>NOTCH1-L1 EQLRNSSFHF	230	>NOTCH1-L1 EQLRNSSFHF	21894	21664
>NOTCH1-L1 HFLRELSRVL	56	>NOTCH1-L1 HFPRELSRVL	34	22

>NOTCH1-L1 HFLRELSR	54	>NOTCH1-L1 HFPRELSR	781	727
>NOTCH1-L1 HFLRELSR	37	>NOTCH1-L1 HFPRELSR	286	249
>NOTCH1-L1 HFLRELSR	38	>NOTCH1-L1 HFPRELSR	46	8
>NOTCH1-L1 FHFLRELSRV	1486	>NOTCH1-L1 FHFPRELSRV	156	1330
>NOTCH1-L1 FHFLRELSR	1345	>NOTCH1-L1 FHFPRELSR	496	849
>NOTCH1-L1 FHFLRELSRV	1036	>NOTCH1-L1 FHFPRELSRV	348	688
>NOTCH1-L1 FHFLRELSRVI	251	>NOTCH1-L1 FHFPRELSRVI	70	181
>NOTCH1-L1 FHFLRELSRVI	86	>NOTCH1-L1 FHFPRELSRVI	77	9
>NOTCH1-L1 FHFLRELSRVI	13	>NOTCH1-L1 FHFPRELSRVI	10	3
>NOTCH1-L1 SFHFLREL	216	>NOTCH1-L1 SFHFPREL	549	333
>NOTCH1-L1 SFHFLRELSR	24	>NOTCH1-L1 SFHFPRELSR	37	13
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>NOTCH1-L1 SFHFLRELSR	211	>NOTCH1-L1 SFHFPRELSR	277	66
>NOTCH1-L1 SFHFLRELSR	358	>NOTCH1-L1 SFHFPRELSR	279	79
>NOTCH1-L1 SFHFLRELSR	74	>NOTCH1-L1 SFHFPRELSR	132	58
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>NOTCH1-L1 SFHFLREL	230	>NOTCH1-L1 SFHFPREL	306	76
>NOTCH1-L1 SSFHFLREL	16	>NOTCH1-L1 SSFHFPREL	39	23
>NOTCH1-L1 SSFHFLREL	350	>NOTCH1-L1 SSFHFPREL	1507	1157
>NOTCH1-L1 SSFHFLRELSR	31	>NOTCH1-L1 SSFHFPRELSF	30	1
>NOTCH1-L1 SSFHFLRELSR	41	>NOTCH1-L1 SSFHFPRELSF	55	14
>NOTCH1-L1 SSFHFLREL	167	>NOTCH1-L1 SSFHFPREL	69	98
>NOTCH1-L1 SSFHFLRELSR	424	>NOTCH1-L1 SSFHFPRELSF	718	294
>NOTCH1-L1 SSFHFLRELSR	26	>NOTCH1-L1 SSFHFPRELSF	28	2
>NOTCH1-L1 SSFHFLREL	369	>NOTCH1-L1 SSFHFPREL	516	147
>NOTCH1-L1 SSFHFLREL	86	>NOTCH1-L1 SSFHFPREL	48	38
>NOTCH1-L1 SSFHFLRELSR	650	>NOTCH1-L1 SSFHFPRELSF	430	220
>NOTCH1-L1 SSFHFLREL	13	>NOTCH1-L1 SSFHFPREL	15	2
>NOTCH1-L1 SSFHFLREL	57	>NOTCH1-L1 SSFHFPREL	139	82
>NOTCH1-L1 SSFHFLRE	139	>NOTCH1-L1 SSFHFPRE	148	9
>NOTCH1-L1 SSFHFLREL	283	>NOTCH1-L1 SSFHFPREL	175	108
>NOTCH1-L1 SSFHFLRELSR	67	>NOTCH1-L1 SSFHFPRELSF	53	14
>NOTCH1-L1 SSFHFLRELSR	316	>NOTCH1-L1 SSFHFPRELSF	235	81
>NOTCH1-L1 SSFHFLREL	52	>NOTCH1-L1 SSFHFPREL	54	2
>NOTCH1-L1 NSSFHFLR	152	>NOTCH1-L1 NSSHFPR	217	65
>NOTCH1-L1 NSSFHFLR	23	>NOTCH1-L1 NSSHFPR	16	7
>NOTCH1-L1 NSSFHFLR	44	>NOTCH1-L1 NSSHFPR	52	8
>NOTCH1-L1 NSSFHFLR	5	>NOTCH1-L1 NSSHFPR	8	3
>NOTCH1-L1 NSSFHFLR	142	>NOTCH1-L1 NSSHFPR	162	20
>NOTCH1-L1 NSSFHFLR	356	>NOTCH1-L1 NSSHFPR	200	156
>NOTCH1-L1 RNSSFHFLR	7	>NOTCH1-L1 RNSSFHFPR	6	1
>NOTCH1-L1 RNSSFHFLR	46	>NOTCH1-L1 RNSSFHFPR	117	71
>NOTCH1-L1 RNSSFHFLREI	626	>NOTCH1-L1 RNSSFHFPRE	328	298

>NOTCH1-L1 RNSSFHFLREI	466	>NOTCH1-L1 RNSSFHFPRE	579	113
>NOTCH1-L1 RNSSFHFLR	32	>NOTCH1-L1 RNSSFHFPR	16	16
>NOTCH1-L1 LRNSSFHFL	492	>NOTCH1-L1 LRNSSFHFP	40909	40417
>NOTCH1-L1 LRNSSFHFLR	34	>NOTCH1-L1 LRNSSHFPR	31	3
>NOTCH1-L1 LRNSSFHFLR	112	>NOTCH1-L1 LRNSSHFPR	83	29
>NOTCH1-L1 LRNSSFHFL	65	>NOTCH1-L1 LRNSSFHFP	1515	1450
>NOTCH1-L1 LRNSSFHFLR	1008	>NOTCH1-L1 LRNSSHFPR	245	763
>NOTCH1-L1 LRNSSFHFL	113	>NOTCH1-L1 LRNSSFHFP	3125	3012
>NOTCH1-L1 LRNSSFHFLR	304	>NOTCH1-L1 LRNSSHFPR	567	263
>NOTCH1-L1 LRNSSFHFL	373	>NOTCH1-L1 LRNSSFHFP	25559	25186
>NOTCH1-L1 LRNSSFHFL	48	>NOTCH1-L1 LRNSSFHFP	12662	12614
>NOTCH1-L1 LRNSSFHFLR	285	>NOTCH1-L1 LRNSSHFPR	148	137
>NOTCH1-L1 QLRNSSFHFL	43	>NOTCH1-L1 QLRNSSFHFP	9992	9949
>NOTCH1-L1 QLRNSSFHFL	130	>NOTCH1-L1 QLRNSSFHFP	11866	11736
>NOTCH1-L1 QLRNSSFHFL	264	>NOTCH1-L1 QLRNSSFHFP	18652	18388
>NOTCH1-L1 QLRNSSFHFL	132	>NOTCH1-L1 QLRNSSFHFP	18489	18357
>NOTCH1-L1 QLRNSSFHFL	11	>NOTCH1-L1 QLRNSSFHFP	12805	12794
>NOTCH1-L1 QLRNSSFHFL	183	>NOTCH1-L1 QLRNSSFHFP	374	191
>NOTCH1-L1 QLRNSSFHFL	37	>NOTCH1-L1 QLRNSSFHFP	560	523
>NOTCH1-L1 QLRNSSFHFL	100	>NOTCH1-L1 QLRNSSFHFP	51	49
>NOTCH1-L1 QLRNSSFHFL	10	>NOTCH1-L1 QLRNSSFHFP	9	1
>NOTCH1-L1 QLRNSSFHFL	49	>NOTCH1-L1 QLRNSSFHFP	42	7
>NOTCH1-L1 QLRNSSFHFL	95	>NOTCH1-L1 QLRNSSFHFP	226	131
>NOTCH1-L1 QLRNSSFHFL	166	>NOTCH1-L1 QLRNSSFHFP	6138	5972
>NOTCH1-L1 QLRNSSFHFL	260	>NOTCH1-L1 QLRNSSFHFP	132	128
>NOTCH1-L1 LSRVLHTN	1418	>NOTCH1-L1 HSRVLHTN	137	1281
>NOTCH1-L1 LSRVLHTNV	42	>NOTCH1-L1 HSRVLHTNV	8	34
>NOTCH1-L1 LSRVLHTNVV	35	>NOTCH1-L1 HSRVLHTNV\	8	27
>NOTCH1-L1 LSRVLHTNVV	651	>NOTCH1-L1 HSRVLHTNV\	62	589
>NOTCH1-L1 LSRVLHTNVV	45	>NOTCH1-L1 HSRVLHTNV\	82	37
>NOTCH1-L1 LSRVLHTNV	451	>NOTCH1-L1 HSRVLHTNV	1061	610
>NOTCH1-L1 LSRVLHTNVV	424	>NOTCH1-L1 HSRVLHTNV\	958	534
>NOTCH1-L1 LSRVLHTNVV	8	>NOTCH1-L1 HSRVLHTNV\	11	3
>NOTCH1-L1 LSRVLHTNV	103	>NOTCH1-L1 HSRVLHTNV	91	12
>NOTCH1-L1 LSRVLHTNVV	3	>NOTCH1-L1 HSRVLHTNV\	3	0
>NOTCH1-L1 LSRVLHTNVV	396	>NOTCH1-L1 HSRVLHTNV\	269	127
>NOTCH1-L1 LSRVLHTNVV	344	>NOTCH1-L1 HSRVLHTNV\	1137	793
>NOTCH1-L1 LSRVLHTNV	98	>NOTCH1-L1 HSRVLHTNV	356	258
>NOTCH1-L1 LSRVLHTNVV	153	>NOTCH1-L1 HSRVLHTNV\	998	845
>NOTCH1-L1 LSRVLHTNVV	15	>NOTCH1-L1 HSRVLHTNV\	35	20
>NOTCH1-L1 ELSRVLHTNV	322	>NOTCH1-L1 EHSRVLHTNV	22594	22272
>NOTCH1-L1 ELSRVLHTNV	63	>NOTCH1-L1 EHSRVLHTNV	16922	16859
>NOTCH1-L1 ELSRVLHTNV	97	>NOTCH1-L1 EHSRVLHTNV	17124	17027

>NOTCH1-L1 ELSRVLHTNV	77	>NOTCH1-L1 EHSRVLHTNV	19275	19198
>NOTCH1-L1 ELSRVLHTNV	27	>NOTCH1-L1 EHSRVLHTNV	20196	20169
>NOTCH1-L1 ELSRVLHTNV	38	>NOTCH1-L1 EHSRVLHTNV	20278	20240
>NOTCH1-L1 ELSRVLHTNV	231	>NOTCH1-L1 EHSRVLHTNV	23218	22987
>NOTCH1-L1 ELSRVLHTNV	51	>NOTCH1-L1 EHSRVLHTNV	22613	22562
>NOTCH1-L1 ELSRVLHTNV	31	>NOTCH1-L1 EHSRVLHTNV	19513	19482
>NOTCH1-L1 ELSRVLHTNV	73	>NOTCH1-L1 EHSRVLHTNV	21277	21204
>NOTCH1-L1 ELSRVLHTNV	30	>NOTCH1-L1 EHSRVLHTNV	21167	21137
>NOTCH1-L1 ELSRVLHTNV	17	>NOTCH1-L1 EHSRVLHTNV	19910	19893
>NOTCH1-L1 ELSRVLHTNV	4	>NOTCH1-L1 EHSRVLHTNV	19431	19427
>NOTCH1-L1 ELSRVLHTNV	8	>NOTCH1-L1 EHSRVLHTNV	20579	20571
>NOTCH1-L1 ELSRVLHTNV	411	>NOTCH1-L1 EHSRVLHTNV	8093	7682
>NOTCH1-L1 ELSRVLHTNV	59	>NOTCH1-L1 EHSRVLHTNV	5114	5055
>NOTCH1-L1 ELSRVLHTNV	58	>NOTCH1-L1 EHSRVLHTNV	10923	10865
>NOTCH1-L1 ELSRVLHTNV	153	>NOTCH1-L1 EHSRVLHTNV	13538	13385
>NOTCH1-L1 RNSSFHFLREI	466	>NOTCH1-L1 RNSSFHFLREI	4925	4459
>NOTCH1-L1 RELSRVLHTN	466	>NOTCH1-L1 REHSRVLHTN	494	28
>NOTCH1-L1 RELSRVLHTN	210	>NOTCH1-L1 REHSRVLHTN	167	43
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>NOTCH1-L1 RELSRVLHT	713	>NOTCH1-L1 REHSRVLHT	219	494
>NOTCH1-L1 RELSRVLHTN	276	>NOTCH1-L1 REHSRVLHTN	104	172
>NOTCH1-L1 RELSRVLHT	33	>NOTCH1-L1 REHSRVLHT	58	25
>NOTCH1-L1 RELSRVLHTN	8	>NOTCH1-L1 REHSRVLHTN	9	1
>NOTCH1-L1 LRELSRVL	574	>NOTCH1-L1 LREHSRVL	406	168
>NOTCH1-L1 FLRELSRV	40	>NOTCH1-L1 FLREHSRV	95	55
>NOTCH1-L1 FLRELSRV	8	>NOTCH1-L1 FLREHSRV	10	2
>NOTCH1-L1 FLRELSRVL	89	>NOTCH1-L1 FLREHSRVL	39	50
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>NOTCH1-L1 FLRELSRV	634	>NOTCH1-L1 FLREHSRV	75	559
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>NOTCH1-L1 FLRELSRVL	470	>NOTCH1-L1 FLREHSRVL	173	297
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>NOTCH1-L1 HFLRELSR	54	>NOTCH1-L1 HFLREHSR	20	34
>NOTCH1-L1 HFLRELSR	37	>NOTCH1-L1 HFLREHSR	20	17
>NOTCH1-L1 HFLRELSR	38	>NOTCH1-L1 HFLREHSR	29	9
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>NOTCH1-L1 FHFLELSRVL	251	>NOTCH1-L1 FHFLEHSRV	262	11
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>NOTCH1-L1 FHFLELSRVL	86	>NOTCH1-L1 FHFLEHSRV	68	18
>NOTCH1-L1 FHFLELSRVL	13	>NOTCH1-L1 FHFLEHSRV	12	1
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>NOTCH1-L1 VLHTNVVFK	29	>NOTCH1-L1 VPHTNVVFK	7048	7019
>NOTCH1-L1 VLHTNVVFKF	62	>NOTCH1-L1 VPHTNVVFKF	1077	1015
>NOTCH1-L1 VLHTNVVF	385	>NOTCH1-L1 VPHTNVVF	18188	17803
>NOTCH1-L1 VLHTNVVFKF	381	>NOTCH1-L1 VPHTNVVFKF	3401	3020
>NOTCH1-L1 VLHTNVVFK	278	>NOTCH1-L1 VPHTNVVFK	2310	2032
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>NOTCH1-L1 LSRVLHTNV	98	>NOTCH1-L1 LSRVQHTNV	724	626
>NOTCH1-L1 LSRVLHTNVV	153	>NOTCH1-L1 LSRVQHTNV\	130	23
>NOTCH1-L1 LSRVLHTNVV	15	>NOTCH1-L1 LSRVQHTNV\	35	20
>NOTCH1-L1 ELSRVLHTNV	322	>NOTCH1-L1 ELSRVQHTN\	721	399
>NOTCH1-L1 ELSRVLHTNV	63	>NOTCH1-L1 ELSRVQHTN\	82	19
>NOTCH1-L1 ELSRVLHTNV	97	>NOTCH1-L1 ELSRVQHTN\	217	120
>NOTCH1-L1 ELSRVLHTNV	77	>NOTCH1-L1 ELSRVQHTN\	228	151
>NOTCH1-L1 ELSRVLHTNV	27	>NOTCH1-L1 ELSRVQHTN\	49	22
>NOTCH1-L1 ELSRVLHTNV	38	>NOTCH1-L1 ELSRVQHTN\	41	3
>NOTCH1-L1 ELSRVLHTNV	231	>NOTCH1-L1 ELSRVQHTN\	482	251
>NOTCH1-L1 ELSRVLHTNV	51	>NOTCH1-L1 ELSRVQHTN\	95	44
>NOTCH1-L1 ELSRVLHTNV	31	>NOTCH1-L1 ELSRVQHTN\	45	14
>NOTCH1-L1 ELSRVLHTNV	73	>NOTCH1-L1 ELSRVQHTN\	66	7
>NOTCH1-L1 ELSRVLHTNV	30	>NOTCH1-L1 ELSRVQHTN\	45	15
>NOTCH1-L1 ELSRVLHTNV	17	>NOTCH1-L1 ELSRVQHTN\	20	3
>NOTCH1-L1 ELSRVLHTNV	4	>NOTCH1-L1 ELSRVQHTN\	5	1
>NOTCH1-L1 ELSRVLHTNV	8	>NOTCH1-L1 ELSRVQHTN\	8	0
>NOTCH1-L1 ELSRVLHTNV	411	>NOTCH1-L1 ELSRVQHTN\	514	103
>NOTCH1-L1 ELSRVLHTNV	59	>NOTCH1-L1 ELSRVQHTN\	53	6
>NOTCH1-L1 ELSRVLHTNV	58	>NOTCH1-L1 ELSRVQHTN\	109	51
>NOTCH1-L1 ELSRVLHTNV	153	>NOTCH1-L1 ELSRVQHTN\	220	67
>NOTCH1-L1 RELSRVLHTN	466	>NOTCH1-L1 RELSRVQHTM	358	108
>NOTCH1-L1 RELSRVLHTN	210	>NOTCH1-L1 RELSRVQHTM	349	139
>NOTCH1-L1 RELSRVLHT	339	>NOTCH1-L1 RELSRVQHT	910	571
>NOTCH1-L1 RELSRVLHTN	327	>NOTCH1-L1 RELSRVQHTM	461	134
>NOTCH1-L1 RELSRVLHTN	74	>NOTCH1-L1 RELSRVQHTM	128	54
>NOTCH1-L1 RELSRVLHTN	276	>NOTCH1-L1 RELSRVQHTM	345	69
>NOTCH1-L1 RELSRVLHT	33	>NOTCH1-L1 RELSRVQHT	27	6
>NOTCH1-L1 RELSRVLHTN	8	>NOTCH1-L1 RELSRVQHTM	10	2
>NOTCH1-L1 FLRELSRVL	89	>NOTCH1-L1 FLRELSRVQ	2935	2846
>NOTCH1-L1 FLRELSRVLHT	566	>NOTCH1-L1 FLRELSRVQH	401	165
>NOTCH1-L1 FLRELSRVL	11	>NOTCH1-L1 FLRELSRVQ	3042	3031
>NOTCH1-L1 FLRELSRVLHT	29	>NOTCH1-L1 FLRELSRVQH	24	5
>NOTCH1-L1 FLRELSRVL	15	>NOTCH1-L1 FLRELSRVQ	2337	2322

>NOTCH1-L1 FLRELSRVLHT	200	>NOTCH1-L1 FLRELSRVQH	145	55
>NOTCH1-L1 FLRELSRVL	53	>NOTCH1-L1 FLRELSRVQ	12854	12801
>NOTCH1-L1 FLRELSRVL	200	>NOTCH1-L1 FLRELSRVQ	11113	10913
>NOTCH1-L1 FLRELSRVL	8	>NOTCH1-L1 FLRELSRVQ	443	435
>NOTCH1-L1 FLRELSRVLHT	35	>NOTCH1-L1 FLRELSRVQH	24	11
>NOTCH1-L1 FLRELSRVL	282	>NOTCH1-L1 FLRELSRVQ	17907	17625
>NOTCH1-L1 FLRELSRVL	65	>NOTCH1-L1 FLRELSRVQ	8684	8619
>NOTCH1-L1 FLRELSRVL	123	>NOTCH1-L1 FLRELSRVQ	1166	1043
>NOTCH1-L1 FLRELSRVL	470	>NOTCH1-L1 FLRELSRVQ	4452	3982
>NOTCH1-L1 HFLRELSRVL	56	>NOTCH1-L1 HFLRELSRVQ	5992	5936
>NOTCH1-L1 LEIDNRQCV	364	>NOTCH1-L1 PEIDNRQCV	3715	3351
>NOTCH1-L1 LEIDNRQCV	391	>NOTCH1-L1 PEIDNRQCV	4165	3774
>NOTCH1-L1 LEIDNRQCV	418	>NOTCH1-L1 PEIDNRQCV	5065	4647
>NOTCH1-L1 LEIDNRQCV	275	>NOTCH1-L1 PEIDNRQCV	6444	6169
>NOTCH1-L1 LEIDNRQCVC	412	>NOTCH1-L1 PEIDNRQCVC	7945	7533
>NOTCH1-L1 LEIDNRQCV	25	>NOTCH1-L1 PEIDNRQCV	327	302
>NOTCH1-L1 LEIDNRQCVC	231	>NOTCH1-L1 PEIDNRQCVC	2804	2573
>NOTCH1-L1 YLEIDNRQCV	358	>NOTCH1-L1 YPEIDNRQCV	27266	26908
>NOTCH1-L1 YLEIDNRQCV	265	>NOTCH1-L1 YPEIDNRQCV	24682	24417
>NOTCH1-L1 YLEIDNRQCV	442	>NOTCH1-L1 YPEIDNRQCV	25724	25282
>NOTCH1-L1 YLEIDNRQCV	30	>NOTCH1-L1 YPEIDNRQCV	19790	19760
>NOTCH1-L1 YLEIDNRQCV	28	>NOTCH1-L1 YPEIDNRQCV	19591	19563
>NOTCH1-L1 YLEIDNRQCV	41	>NOTCH1-L1 YPEIDNRQCV	21700	21659
>NOTCH1-L1 YLEIDNRQCV	181	>NOTCH1-L1 YPEIDNRQCV	23263	23082
>NOTCH1-L1 YLEIDNRQ	250	>NOTCH1-L1 YPEIDNRQ	36581	36331
>NOTCH1-L1 YLEIDNRQC	291	>NOTCH1-L1 YPEIDNRQC	37160	36869
>NOTCH1-L1 YLEIDNRQCV	3	>NOTCH1-L1 YPEIDNRQCV	12824	12821
>NOTCH1-L1 YLEIDNRQCV	144	>NOTCH1-L1 YPEIDNRQCV	35089	34945
>NOTCH1-L1 YLEIDNRQCV	13178	>NOTCH1-L1 YPEIDNRQCV	478	12700
>NOTCH1-L1 PMDVRGSIV\	85	>NOTCH1-L1 PMDVRGSIV\	9711	9626
>NOTCH1-L1 PMDVRGSIV\	150	>NOTCH1-L1 PMDVRGSIV\	16753	16603
>NOTCH1-L1 PMDVRGSIV\	284	>NOTCH1-L1 PMDVRGSIV\	23070	22786
>NOTCH1-L1 PMDVRGSIV\	138	>NOTCH1-L1 PMDVRGSIV\	21778	21640
>NOTCH1-L1 VYLEIDNRQC	428	>NOTCH1-L1 VYPEIDNRQC	3387	2959
>NOTCH1-L1 VYLEIDNRQC	294	>NOTCH1-L1 VYPEIDNRQC	611	317
>NOTCH1-L1 VYLEIDNR	286	>NOTCH1-L1 VYPEIDNR	3039	2753
>NOTCH1-L1 VYLEIDNR	120	>NOTCH1-L1 VYPEIDNR	918	798
>NOTCH1-L1 VYLEIDNR	43	>NOTCH1-L1 VYPEIDNR	49	6
>NOTCH1-L1 IVYLEIDNR	353	>NOTCH1-L1 IVYPEIDNR	139	214
>NOTCH1-L1 IVYLEIDNR	564	>NOTCH1-L1 IVYPEIDNR	262	302
>NOTCH1-L1 IVYLEIDNR	39	>NOTCH1-L1 IVYPEIDNR	19	20
>NOTCH1-L1 IVYLEIDNR	195	>NOTCH1-L1 IVYPEIDNR	146	49
>NOTCH1-L1 SIVYLEIDNR	491	>NOTCH1-L1 SIVYPEIDNR	462	29

>NOTCH1-L1 SIVYLEIDNR	33	>NOTCH1-L1 SIVYPEIDNR	34	1
>NOTCH1-L1 SIVYLEIDNR	272	>NOTCH1-L1 SIVYPEIDNR	549	277
>NOTCH1-L1 GSIVYLEIDNR	263	>NOTCH1-L1 GSIVYPEIDNF	394	131
>NOTCH1-L1 GSIVYLEIDNR	215	>NOTCH1-L1 GSIVYPEIDNF	212	3
>NOTCH1-L1 GSIVYLEI	266	>NOTCH1-L1 GSIVYPEI	427	161
>NOTCH1-L1 GSIVYLEIDNR	170	>NOTCH1-L1 GSIVYPEIDNF	115	55
>NOTCH1-L1 GSIVYLEI	240	>NOTCH1-L1 GSIVYPEI	192	48
>NOTCH1-L1 RGSIVYLEI	321	>NOTCH1-L1 RGSIVYPEI	931	610
>NOTCH1-L1 RGSIVYLEI	213	>NOTCH1-L1 RGSIVYPEI	195	18
>NOTCH1-L1 VRGSIVYL	446	>NOTCH1-L1 VRGSIVYP	11109	10663
>NOTCH1-L1 VRGSIVYLEI	401	>NOTCH1-L1 VRGSIVYPEI	1427	1026
>NOTCH1-L1 DVRGSIVYL	80	>NOTCH1-L1 DVRGSIVYP	15747	15667
>NOTCH1-L1 DVRGSIVYL	390	>NOTCH1-L1 DVRGSIVYP	19430	19040
>NOTCH1-L1 LEIDNRQCV	364	>NOTCH1-L1 QEIDNRQCV	447	83
>NOTCH1-L1 LEIDNRQCV	391	>NOTCH1-L1 QEIDNRQCV	1326	935
>NOTCH1-L1 LEIDNRQCV	418	>NOTCH1-L1 QEIDNRQCV	823	405
>NOTCH1-L1 LEIDNRQCV	275	>NOTCH1-L1 QEIDNRQCV	855	580
>NOTCH1-L1 LEIDNRQCVC	412	>NOTCH1-L1 QEIDNRQCVC	984	572
>NOTCH1-L1 LEIDNRQCV	903	>NOTCH1-L1 QEIDNRQCV	115	788
>NOTCH1-L1 LEIDNRQCVC	773	>NOTCH1-L1 QEIDNRQCVC	96	677
>NOTCH1-L1 LEIDNRQCV	25	>NOTCH1-L1 QEIDNRQCV	39	14
>NOTCH1-L1 LEIDNRQCVC	231	>NOTCH1-L1 QEIDNRQCVC	374	143
>NOTCH1-L1 YLEIDNRQCV	358	>NOTCH1-L1 YQEIDNRQCV	4694	4336
>NOTCH1-L1 YLEIDNRQCV	265	>NOTCH1-L1 YQEIDNRQCV	3288	3023
>NOTCH1-L1 YLEIDNRQCV	442	>NOTCH1-L1 YQEIDNRQCV	4353	3911
>NOTCH1-L1 YLEIDNRQCV	30	>NOTCH1-L1 YQEIDNRQCV	2340	2310
>NOTCH1-L1 YLEIDNRQCV	28	>NOTCH1-L1 YQEIDNRQCV	1570	1542
>NOTCH1-L1 YLEIDNRQCV	41	>NOTCH1-L1 YQEIDNRQCV	4998	4957
>NOTCH1-L1 YLEIDNRQCV	181	>NOTCH1-L1 YQEIDNRQCV	12841	12660
>NOTCH1-L1 YLEIDNRQ	250	>NOTCH1-L1 YQEIDNRQ	31771	31521
>NOTCH1-L1 YLEIDNRQC	291	>NOTCH1-L1 YQEIDNRQC	32476	32185
>NOTCH1-L1 YLEIDNRQCV	3	>NOTCH1-L1 YQEIDNRQCV	872	869
>NOTCH1-L1 YLEIDNRQCV	144	>NOTCH1-L1 YQEIDNRQCV	27977	27833
>NOTCH1-L1 PMDVRGSIV\	85	>NOTCH1-L1 PMDVRGSIV\	3973	3888
>NOTCH1-L1 PMDVRGSIV\	150	>NOTCH1-L1 PMDVRGSIV\	6980	6830
>NOTCH1-L1 PMDVRGSIV\	284	>NOTCH1-L1 PMDVRGSIV\	16072	15788
>NOTCH1-L1 PMDVRGSIV\	138	>NOTCH1-L1 PMDVRGSIV\	3494	3356
>NOTCH1-L1 VYLEIDNRQC	428	>NOTCH1-L1 VYQEIDNRQC	5900	5472
>NOTCH1-L1 VYLEIDNRQC	294	>NOTCH1-L1 VYQEIDNRQC	664	370
>NOTCH1-L1 VYLEIDNR	286	>NOTCH1-L1 VYQEIDNR	335	49
>NOTCH1-L1 VYLEIDNR	120	>NOTCH1-L1 VYQEIDNR	185	65
>NOTCH1-L1 VYLEIDNR	43	>NOTCH1-L1 VYQEIDNR	113	70
>NOTCH1-L1 IVYLEIDNR	353	>NOTCH1-L1 IVYQEIDNR	639	286

>NOTCH1-L1 IVYLEIDNR	39	>NOTCH1-L1 IVYQEIDNR	27	12
>NOTCH1-L1 IVYLEIDNR	195	>NOTCH1-L1 IVYQEIDNR	104	91
>NOTCH1-L1 SIVYLEIDNR	491	>NOTCH1-L1 SIVYQEIDNR	697	206
>NOTCH1-L1 SIVYLEIDNR	33	>NOTCH1-L1 SIVYQEIDNR	106	73
>NOTCH1-L1 SIVYLEIDNR	272	>NOTCH1-L1 SIVYQEIDNR	326	54
>NOTCH1-L1 GSIVYLEIDNR	263	>NOTCH1-L1 GSIVYQEIDNI	386	123
>NOTCH1-L1 GSIVYLEIDNR	215	>NOTCH1-L1 GSIVYQEIDNI	189	26
>NOTCH1-L1 GSIVYLEI	266	>NOTCH1-L1 GSIVYQEI	610	344
>NOTCH1-L1 GSIVYLEIDNR	170	>NOTCH1-L1 GSIVYQEIDNI	156	14
>NOTCH1-L1 GSIVYLEI	240	>NOTCH1-L1 GSIVYQEI	228	12
>NOTCH1-L1 RGSIVYLEI	321	>NOTCH1-L1 RGSIVYQEI	2434	2113
>NOTCH1-L1 RGSIVYLEI	213	>NOTCH1-L1 RGSIVYQEI	215	2
>NOTCH1-L1 VRGSIVYL	446	>NOTCH1-L1 VRGSIVYQ	6865	6419
>NOTCH1-L1 VRGSIVYLEI	401	>NOTCH1-L1 VRGSIVYQEI	630	229
>NOTCH1-L1 DVRGSIVYL	80	>NOTCH1-L1 DVRGSIVYQ	1014	934
>NOTCH1-L1 DVRGSIVYL	390	>NOTCH1-L1 DVRGSIVYQ	15790	15400
>NOTCH1-L1 LGSLNIPYK	483	>NOTCH1-L1 PGSLNIPYK	5767	5284
>NOTCH1-L1 LGSLNIPY	451	>NOTCH1-L1 PGSLNIPY	11201	10750
>NOTCH1-L1 LGSLNIPY	58	>NOTCH1-L1 PGSLNIPY	1719	1661
>NOTCH1-L1 LGSLNIPYKI	450	>NOTCH1-L1 PGSLNIPYKI	8020	7570
>NOTCH1-L1 SLGSLNIPYKI	37843	>NOTCH1-L1 SPGSLNIPYKI	364	37479
>NOTCH1-L1 SLGSLNIPYKI	57	>NOTCH1-L1 SPGSLNIPYKI	22814	22757
>NOTCH1-L1 SLGSLNIPYKI	33	>NOTCH1-L1 SPGSLNIPYKI	27376	27343
>NOTCH1-L1 SLGSLNIPYKI	272	>NOTCH1-L1 SPGSLNIPYKI	24207	23935
>NOTCH1-L1 SLGSLNIPYKI	9	>NOTCH1-L1 SPGSLNIPYKI	18289	18280
>NOTCH1-L1 SLGSLNIPYKI	37	>NOTCH1-L1 SPGSLNIPYKI	21325	21288
>NOTCH1-L1 SLGSLNIPYKI	16	>NOTCH1-L1 SPGSLNIPYKI	21835	21819
>NOTCH1-L1 SLGSLNIPYKI	152	>NOTCH1-L1 SPGSLNIPYKI	23219	23067
>NOTCH1-L1 SLGSLNIPYKI	34	>NOTCH1-L1 SPGSLNIPYKI	34002	33968
>NOTCH1-L1 SLGSLNIPYK	42	>NOTCH1-L1 SPGSLNIPYK	4961	4919
>NOTCH1-L1 SLGSLNIPYK	36	>NOTCH1-L1 SPGSLNIPYK	2543	2507
>NOTCH1-L1 SLGSLNIPY	89	>NOTCH1-L1 SPGSLNIPY	1973	1884
>NOTCH1-L1 SLGSLNIPYK	470	>NOTCH1-L1 SPGSLNIPYK	13983	13513
>NOTCH1-L1 SLGSLNIPY	234	>NOTCH1-L1 SPGSLNIPY	3263	3029
>NOTCH1-L1 SLGSLNIPYKI	67	>NOTCH1-L1 SPGSLNIPYKI	7828	7761
>NOTCH1-L1 SLGSLNIPY	24	>NOTCH1-L1 SPGSLNIPY	1812	1788
>NOTCH1-L1 SLGSLNIPY	52	>NOTCH1-L1 SPGSLNIPY	5411	5359
>NOTCH1-L1 SLGSLNIPY	171	>NOTCH1-L1 SPGSLNIPY	2320	2149
>NOTCH1-L1 SLGSLNIPY	756	>NOTCH1-L1 SPGSLNIPY	12	744
>NOTCH1-L1 SLGSLNIPYKI	30621	>NOTCH1-L1 SPGSLNIPYKI	373	30248
>NOTCH1-L1 SLGSLNIPY	3803	>NOTCH1-L1 SPGSLNIPY	50	3753
>NOTCH1-L1 SLGSLNIPYK	213	>NOTCH1-L1 SPGSLNIPYK	9218	9005
>NOTCH1-L1 SLGSLNIPYK	422	>NOTCH1-L1 SPGSLNIPYK	1301	879

>NOTCH1-L1 VAAFLGALAS	174	>NOTCH1-L1 VAAFLGALAS	14599	14425
>NOTCH1-L1 VAAFLGALAS	493	>NOTCH1-L1 VAAFLGALAS	12095	11602
>NOTCH1-L1 VAAFLGALAS	68	>NOTCH1-L1 VAAFLGALAS	15714	15646
>NOTCH1-L1 VAAFLGALAS	164	>NOTCH1-L1 VAAFLGALAS	17408	17244
>NOTCH1-L1 ASLGSLNIPY	303	>NOTCH1-L1 ASPGSLNIPY	2223	1920
>NOTCH1-L1 ASLGSLNIPYK	131	>NOTCH1-L1 ASPGSLNIPYK	654	523
>NOTCH1-L1 ASLGSLNIPY	75	>NOTCH1-L1 ASPGSLNIPY	165	90
>NOTCH1-L1 ASLGSLNIPYK	10	>NOTCH1-L1 ASPGSLNIPYK	38	28
>NOTCH1-L1 ASLGSLNIPY	57	>NOTCH1-L1 ASPGSLNIPY	69	12
>NOTCH1-L1 ASLGSLNIPY	204	>NOTCH1-L1 ASPGSLNIPY	287	83
>NOTCH1-L1 ASLGSLNIPY	243	>NOTCH1-L1 ASPGSLNIPY	296	53
>NOTCH1-L1 ASLGSLNI	375	>NOTCH1-L1 ASPGSLNI	5370	4995
>NOTCH1-L1 ASLGSLNIPY	495	>NOTCH1-L1 ASPGSLNIPY	6309	5814
>NOTCH1-L1 ASLGSLNIPYK	9	>NOTCH1-L1 ASPGSLNIPYK	90	81
>NOTCH1-L1 ASLGSLNIPY	87	>NOTCH1-L1 ASPGSLNIPY	161	74
>NOTCH1-L1 ASLGSLNIPYK	368	>NOTCH1-L1 ASPGSLNIPYK	3884	3516
>NOTCH1-L1 ASLGSLNI	277	>NOTCH1-L1 ASPGSLNI	933	656
>NOTCH1-L1 ASLGSLNIPY	181	>NOTCH1-L1 ASPGSLNIPY	353	172
>NOTCH1-L1 ASLGSLNIPY	54	>NOTCH1-L1 ASPGSLNIPY	842	788
>NOTCH1-L1 ASLGSLNI	15	>NOTCH1-L1 ASPGSLNI	630	615
>NOTCH1-L1 ASLGSLNIPY	4	>NOTCH1-L1 ASPGSLNIPY	66	62
>NOTCH1-L1 ASLGSLNI	18160	>NOTCH1-L1 ASPGSLNI	88	18072
>NOTCH1-L1 ASLGSLNIP	17511	>NOTCH1-L1 ASPGSLNIP	73	17438
>NOTCH1-L1 ASLGSLNIPY	16369	>NOTCH1-L1 ASPGSLNIPY	68	16301
>NOTCH1-L1 ASLGSLNIPYK	17461	>NOTCH1-L1 ASPGSLNIPYK	94	17367
>NOTCH1-L1 ASLGSLNIPY	114	>NOTCH1-L1 ASPGSLNIPY	134	20
>NOTCH1-L1 ASLGSLNIPYK	74	>NOTCH1-L1 ASPGSLNIPYK	385	311
>NOTCH1-L1 ASLGSLNI	91	>NOTCH1-L1 ASPGSLNI	198	107
>NOTCH1-L1 LASLGS LNIPY	275	>NOTCH1-L1 LASPGSLNIPY	387	112
>NOTCH1-L1 LASLGS LNIPY	105	>NOTCH1-L1 LASPGSLNIPY	60	45
>NOTCH1-L1 LASLGS LNIPY	648	>NOTCH1-L1 LASPGSLNIPY	270	378
>NOTCH1-L1 LASLGS LNIPY	101	>NOTCH1-L1 LASPGSLNIPY	53	48
>NOTCH1-L1 LASLGS LNIPY	334	>NOTCH1-L1 LASPGSLNIPY	84	250
>NOTCH1-L1 LASLGS LNI	94	>NOTCH1-L1 LASPGSLNI	22	72
>NOTCH1-L1 LASLGS LNIPY	16	>NOTCH1-L1 LASPGSLNIPY	7	9
>NOTCH1-L1 LASLGS LNIPY	10	>NOTCH1-L1 LASPGSLNIPY	8	2
>NOTCH1-L1 LASLGS LNI	384	>NOTCH1-L1 LASPGSLNI	380	4
>NOTCH1-L1 LASLGS LNI	1009	>NOTCH1-L1 LASPGSLNI	87	922
>NOTCH1-L1 LASLGS LNIPY	1211	>NOTCH1-L1 LASPGSLNIPY	189	1022
>NOTCH1-L1 LASLGS LNI	220	>NOTCH1-L1 LASPGSLNI	40	180
>NOTCH1-L1 ALASLGSL	120	>NOTCH1-L1 ALASPGSL	412	292
>NOTCH1-L1 ALASLGSLNI	351	>NOTCH1-L1 ALASPGSLNI	1629	1278
>NOTCH1-L1 ALASLGSL	6	>NOTCH1-L1 ALASPGSL	20	14

>NOTCH1-L1 ALASLGSLNI	24	>NOTCH1-L1 ALASPGSLNI	38	14
>NOTCH1-L1 ALASLGSLNIF	497	>NOTCH1-L1 ALASPGSLNIF	1712	1215
>NOTCH1-L1 ALASLGSL	7	>NOTCH1-L1 ALASPGSL	13	6
>NOTCH1-L1 ALASLGSLNI	22	>NOTCH1-L1 ALASPGSLNI	28	6
>NOTCH1-L1 ALASLGSL	312	>NOTCH1-L1 ALASPGSL	1871	1559
>NOTCH1-L1 ALASLGSL	24	>NOTCH1-L1 ALASPGSL	16	8
>NOTCH1-L1 ALASLGSLNI	45	>NOTCH1-L1 ALASPGSLNI	21	24
>NOTCH1-L1 ALASLGSL	140	>NOTCH1-L1 ALASPGSL	291	151
>NOTCH1-L1 ALASLGSLNI	234	>NOTCH1-L1 ALASPGSLNI	228	6
>NOTCH1-L1 ALASLGSL	39	>NOTCH1-L1 ALASPGSL	81	42
>NOTCH1-L1 ALASLGSLNI	21	>NOTCH1-L1 ALASPGSLNI	32	11
>NOTCH1-L1 ALASLGSL	302	>NOTCH1-L1 ALASPGSL	429	127
>NOTCH1-L1 ALASLGSLNI	297	>NOTCH1-L1 ALASPGSLNI	257	40
>NOTCH1-L1 ALASLGSL	4	>NOTCH1-L1 ALASPGSL	6	2
>NOTCH1-L1 ALASLGSLNI	11	>NOTCH1-L1 ALASPGSLNI	10	1
>NOTCH1-L1 ALASLGSLNI	827	>NOTCH1-L1 ALASPGSLNI	442	385
>NOTCH1-L1 GALASLGSL	75	>NOTCH1-L1 GALASPGSL	94	19
>NOTCH1-L1 GALASLGSLN	178	>NOTCH1-L1 GALASPGSLN	153	25
>NOTCH1-L1 GALASLGSLN	508	>NOTCH1-L1 GALASPGSLN	383	125
>NOTCH1-L1 LGALASLGSL	159	>NOTCH1-L1 LGALASPGSL	76	83
>NOTCH1-L1 FLGALASL	20	>NOTCH1-L1 FLGALASP	12485	12465
>NOTCH1-L1 FLGALASLGS	45	>NOTCH1-L1 FLGALASPGS	67	22
>NOTCH1-L1 FLGALASL	4	>NOTCH1-L1 FLGALASP	124	120
>NOTCH1-L1 FLGALASLG	136	>NOTCH1-L1 FLGALASPG	157	21
>NOTCH1-L1 FLGALASLGS	6	>NOTCH1-L1 FLGALASPGS	10	4
>NOTCH1-L1 FLGALASL	7	>NOTCH1-L1 FLGALASP	1240	1233
>NOTCH1-L1 FLGALASLGS	7	>NOTCH1-L1 FLGALASPGS	7	0
>NOTCH1-L1 FLGALASL	38	>NOTCH1-L1 FLGALASP	5794	5756
>NOTCH1-L1 FLGALASLGS	76	>NOTCH1-L1 FLGALASPGS	334	258
>NOTCH1-L1 FLGALASL	3	>NOTCH1-L1 FLGALASP	1465	1462
>NOTCH1-L1 FLGALASLGS	577	>NOTCH1-L1 FLGALASPGS	272	305
>NOTCH1-L1 FLGALASLGS	5	>NOTCH1-L1 FLGALASPGS	5	0
>NOTCH1-L1 FLGALASL	5	>NOTCH1-L1 FLGALASP	4886	4881
>NOTCH1-L1 FLGALASLGS	11	>NOTCH1-L1 FLGALASPGS	14	3
>NOTCH1-L1 FLGALASL	10	>NOTCH1-L1 FLGALASP	6156	6146
>NOTCH1-L1 FLGALASLGS	1330	>NOTCH1-L1 FLGALASPGS	488	842
>NOTCH1-L1 FLGALASLGS	23	>NOTCH1-L1 FLGALASPGS	26	3
>NOTCH1-L1 FLGALASL	8	>NOTCH1-L1 FLGALASP	14763	14755
>NOTCH1-L1 FLGALASLGS	41	>NOTCH1-L1 FLGALASPGS	50	9
>NOTCH1-L1 FLGALASL	2	>NOTCH1-L1 FLGALASP	821	819
>NOTCH1-L1 FLGALASLGS	266	>NOTCH1-L1 FLGALASPGS	137	129
>NOTCH1-L1 FLGALASLGS	3	>NOTCH1-L1 FLGALASPGS	3	0
>NOTCH1-L1 FLGALASL	375	>NOTCH1-L1 FLGALASP	6635	6260



>NOTCH1-L1 AFLGALASL	259	>NOTCH1-L1 AFLGALASP	15087	14828
>NOTCH1-L1 AFLGALASL	27	>NOTCH1-L1 AFLGALASP	9628	9601
>NOTCH1-L1 AFLGALASL	178	>NOTCH1-L1 AFLGALASP	11362	11184
>NOTCH1-L1 AFLGALASL	403	>NOTCH1-L1 AFLGALASP	2205	1802
>NOTCH1-L1 AAFLGALASL	439	>NOTCH1-L1 AAFLGALASP	14461	14022
>NOTCH1-L1 AAFLGALASL	108	>NOTCH1-L1 AAFLGALASP	9532	9424
>NOTCH1-L1 AAFLGALASL	132	>NOTCH1-L1 AAFLGALASP	9284	9152
>NOTCH1-L1 AAFLGALASL	498	>NOTCH1-L1 AAFLGALASP	17011	16513
>NOTCH1-L1 AAFLGALASL	380	>NOTCH1-L1 AAFLGALASP	10254	9874
>NOTCH1-L1 AAFLGALASL	7	>NOTCH1-L1 AAFLGALASP	9994	9987
>NOTCH1-L2 LPQESPAL	190	>NOTCH1-L2 VPQESPAL	154	36
>NOTCH1-L2 LPQESPAL	51	>NOTCH1-L2 VPQESPAL	56	5
>NOTCH1-L2 LPQESPAL	35	>NOTCH1-L2 VPQESPAL	135	100
>NOTCH1-L2 LPQESPAL	185	>NOTCH1-L2 VPQESPAL	262	77
>NOTCH1-L2 LPQESPAL	183	>NOTCH1-L2 VPQESPAL	1145	962
>NOTCH1-L2 ILPQESPAL	283	>NOTCH1-L2 IVPQESPAL	7915	7632
>NOTCH1-L2 ILPQESPAL	66	>NOTCH1-L2 IVPQESPAL	2922	2856
>NOTCH1-L2 ILPQESPA	103	>NOTCH1-L2 IVPQESPA	2422	2319
>NOTCH1-L2 ILPQESPAL	329	>NOTCH1-L2 IVPQESPAL	5771	5442
>NOTCH1-L2 ILPQESPAL	159	>NOTCH1-L2 IVPQESPAL	252	93
>NOTCH1-L2 ILPQESPA	201	>NOTCH1-L2 IVPQESPA	9053	8852
>NOTCH1-L2 ILPQESPAL	24	>NOTCH1-L2 IVPQESPAL	1829	1805
>NOTCH1-L2 ILPQESPAL	235	>NOTCH1-L2 IVPQESPAL	11630	11395
>NOTCH1-L2 ILPQESPA	406	>NOTCH1-L2 IVPQESPA	12025	11619
>NOTCH1-L2 ILPQESPAL	52	>NOTCH1-L2 IVPQESPAL	5465	5413
>NOTCH1-L2 ILPQESPAL	157	>NOTCH1-L2 IVPQESPAL	9552	9395
>NOTCH1-L2 ILPQESPA	27	>NOTCH1-L2 IVPQESPA	5056	5029
>NOTCH1-L2 ILPQESPAL	10	>NOTCH1-L2 IVPQESPAL	560	550
>NOTCH1-L2 ILPQESPALPT	299	>NOTCH1-L2 IVPQESPALPT	16791	16492
>NOTCH1-L2 ILPQESPAL	154	>NOTCH1-L2 IVPQESPAL	99	55
>NOTCH1-L2 GPSSLAVHTI	139	>NOTCH1-L2 GPSSLAVHTI	1002	863
>NOTCH1-L2 GPSSLAVHTI	464	>NOTCH1-L2 GPSSLAVHTI	5046	4582
>NOTCH1-L2 GPSSLAVHTI	400	>NOTCH1-L2 GPSSLAVHTI	1207	807
>NOTCH1-L2 TILPQESPAL	214	>NOTCH1-L2 TIVPQESPAL	455	241
>NOTCH1-L2 TILPQESPAL	498	>NOTCH1-L2 TIVPQESPAL	2725	2227
>NOTCH1-L2 TILPQESPAL	193	>NOTCH1-L2 TIVPQESPAL	371	178
>NOTCH1-L2 TILPQESPAL	3364	>NOTCH1-L2 TIVPQESPAL	421	2943
>NOTCH1-L2 TILPQESPA	2770	>NOTCH1-L2 TIVPQESPA	359	2411
>NOTCH1-L2 TILPQESPAL	249	>NOTCH1-L2 TIVPQESPAL	956	707
>NOTCH1-L2 TILPQESPAL	498	>NOTCH1-L2 TIVPQESPAL	444	54
>NOTCH1-L2 HTILPQESPA	30	>NOTCH1-L2 HTIVPQESPA	32	2
>NOTCH1-L2 HTILPQES	562	>NOTCH1-L2 HTIVPQES	415	147
>NOTCH1-L2 HTILPQESPA	132	>NOTCH1-L2 HTIVPQESPA	129	3

>NOTCH1-L2. HTILPQESPAI	91	>NOTCH1-L2. HTIVPQESPA	73	18
>NOTCH1-L2. HTILPQESPAI	13	>NOTCH1-L2. HTIVPQESPA	11	2
>NOTCH1-L2. HTILPQESPAI	670	>NOTCH1-L2. HTIVPQESPA	363	307
>NOTCH1-L2. AVHTILPQ	121	>NOTCH1-L2. AVHTIVPQ	185	64
>NOTCH1-L2. SLAVHTIL	219	>NOTCH1-L2. SLAVHTIV	61	158
>NOTCH1-L2. SLAVHTIL	7	>NOTCH1-L2. SLAVHTIV	6	1
>NOTCH1-L2. SLAVHTIL	20	>NOTCH1-L2. SLAVHTIV	5	15
>NOTCH1-L2. SLAVHTIL	765	>NOTCH1-L2. SLAVHTIV	88	677
>NOTCH1-L2. SLAVHTIL	155	>NOTCH1-L2. SLAVHTIV	13	142
>NOTCH1-L2. SLAVHTIL	320	>NOTCH1-L2. SLAVHTIV	32	288
>NOTCH1-L2. SLAVHTIL	37	>NOTCH1-L2. SLAVHTIV	7	30
>NOTCH1-L2. SLAVHTIL	1501	>NOTCH1-L2. SLAVHTIV	76	1425
>NOTCH1-L2. SLAVHTIL	10	>NOTCH1-L2. SLAVHTIV	3	7
>NOTCH1-L2. SLAVHTILPQ	220	>NOTCH1-L2. SLAVHTIVPQ	172	48
>NOTCH1-L2. SLAVHTIL	445	>NOTCH1-L2. SLAVHTIV	1780	1335
>NOTCH1-L2. SSLAVHTIL	2525	>NOTCH1-L2. SSLAVHTIV	343	2182
>NOTCH1-L2. SSLAVHTIL	191	>NOTCH1-L2. SSLAVHTIV	5405	5214
>NOTCH1-L2. SSLAVHTIL	19	>NOTCH1-L2. SSLAVHTIV	50	31
>NOTCH1-L2. SSLAVHTIL	374	>NOTCH1-L2. SSLAVHTIV	1745	1371
>NOTCH1-N1GNSEEEEDAF	12340	>NOTCH1-N1GISEEEEDAP/	499	11841
>NOTCH1-N1CSGGGLETGI	33290	>NOTCH1-N1CSGGGLETGI	479	32811
>NOTCH1-P2 PRLSHLPV	1306	>NOTCH1-P2 SRLSHLPV	174	1132
>NOTCH1-P2 PRLSHLPV	2379	>NOTCH1-P2 SRLSHLPV	233	2146
>NOTCH1-P2 PPRLSHLPV	10500	>NOTCH1-P2 PSRLSHLPV	12	10488
>NOTCH1-P2 PPRLSHLPVA	12644	>NOTCH1-P2 PSRLSHLPVA	31	12613
>NOTCH1-P2 PPRLSHLPV	19	>NOTCH1-P2 PSRLSHLPV	11351	11332
>NOTCH1-P2 GPPRLSHL	250	>NOTCH1-P2 GPSRLSHL	12458	12208
>NOTCH1-P2 GPPRLSHL	474	>NOTCH1-P2 GPSRLSHL	3960	3486
>NOTCH1-P2 GPPRLSHL	1232	>NOTCH1-P2 GPSRLSHL	178	1054
>NOTCH1-P2 GPPRLSHLPV	359	>NOTCH1-P2 GPSRLSHLPV	478	119
>NOTCH1-P2 TGPPRLSHL	50	>NOTCH1-P2 TGPSRLSHL	34	16
>NOTCH1-P2 TGPPRLSHLP	342	>NOTCH1-P2 TGPSRLSHLP	213	129
>NOTCH1-P2 TGPPRLSHLP'	228	>NOTCH1-P2 TGPSRLSHLP'	137	91
>NOTCH1-P2 TGPPRLSHL	706	>NOTCH1-P2 TGPSRLSHL	381	325
>NOTCH1-P2 TGPPRLSHL	117	>NOTCH1-P2 TGPSRLSHL	137	20
>NOTCH1-P2 TGPPRLSHLP'	336	>NOTCH1-P2 TGPSRLSHLP'	437	101
>NOTCH1-P2 ETGPPRLSHL	73	>NOTCH1-P2 ETGPSRLSHL	91	18
>NOTCH1-P2 ETGPPRLSHL	340	>NOTCH1-P2 ETGPSRLSHL	419	79
>NOTCH1-P2 ETGPPRLSHL	185	>NOTCH1-P2 ETGPSRLSHL	441	256
>NOTCH1-P2 ETGPPRLSHL	185	>NOTCH1-P2 ETGPSRLSHL	106	79
>NOTCH1-P2 FETGPPRL	42	>NOTCH1-P2 FETGPSRL	40	2
>NOTCH1-P2 FETGPPRLSH	65	>NOTCH1-P2 FETGPSRLSHI	43	22
>NOTCH1-P2 FETGPPRLSH	186	>NOTCH1-P2 FETGPSRLSHI	140	46

>NOTCH1-P2 AFETGPPR	161	>NOTCH1-P2 AFETGPSR	574	413
>NOTCH1-P2 LAFETGPPRL	701	>NOTCH1-P2 LAFETGPSRL	307	394
>NOTCH1-P2 LAFETGPPRL	847	>NOTCH1-P2 LAFETGPSRL	246	601
>NOTCH1-P2 LAFETGPPRL	63	>NOTCH1-P2 LAFETGPSRL	105	42
>NOTCH1-P2 LAFETGPPRL	164	>NOTCH1-P2 LAFETGPSRL	279	115
>NOTCH1-P2 LAFETGPPR	47	>NOTCH1-P2 LAFETGPSR	206	159
>NOTCH1-P2 LAFETGPPR	370	>NOTCH1-P2 LAFETGPSR	850	480
>NOTCH1-P2 LAFETGPPR	33	>NOTCH1-P2 LAFETGPSR	30	3
>NOTCH1-P2 LAFETGPPRL	379	>NOTCH1-P2 LAFETGPSRL	1250	871
>NOTCH1-P2 LAFETGPPR	335	>NOTCH1-P2 LAFETGPSR	375	40
>NOTCH1-P2 LAFETGPPRL	314	>NOTCH1-P2 LAFETGPSRL	161	153
>NOTCH1-P2 LAFETGPPRL	13	>NOTCH1-P2 LAFETGPSRL	10	3
>NOTCH1-P2 RLALETGPPR	128	>NOTCH1-P2 RLALETGPSR	456	328
>NOTCH1-P2 RLALETGPPR	24	>NOTCH1-P2 RLALETGPSR	14	10
>NOTCH1-P2 RLALETGPP	2249	>NOTCH1-P2 RLALETGPS	225	2024
>NOTCH1-P2 RLALETGPPR	18	>NOTCH1-P2 RLALETGPSR	8	10
>NOTCH1-P2 RLALETGPPR	32	>NOTCH1-P2 RLALETGPSR	45	13
>NOTCH1-P2 RLALETGPPR	258	>NOTCH1-P2 RLALETGPSR	289	31
>NOTCH1-P2 RLALETGPPR	73	>NOTCH1-P2 RLALETGPSR	214	141
>NOTCH1-P2 RLALETGPPR	65	>NOTCH1-P2 RLALETGPSR	143	78
>NOTCH1-P2 RLALETGPPR	19	>NOTCH1-P2 RLALETGPSR	20	1
>NOTCH1-P2 RLALETGPPR	176	>NOTCH1-P2 RLALETGPSR	232	56
>NOTCH1-P2 RLALETGPPR	122	>NOTCH1-P2 RLALETGPSR	214	92
>NOTCH1-P2 RLALETGPPR	162	>NOTCH1-P2 RLALETGPSR	406	244
>NOTCH1-P2 RLALETGPPR	64	>NOTCH1-P2 RLALETGPSR	191	127
>NOTCH1-P2 GRLALETGPP	92	>NOTCH1-P2 GRLALETGPS	109	17
>NOTCH1-P2 PPPPQPHL	59	>NOTCH1-P2 SPPPQPHL	20	39
>NOTCH1-P2 PPPPQPHLGV	10204	>NOTCH1-P2 SPPPQPHLGV	325	9879
>NOTCH1-P2 PPPPPQPHL	292	>NOTCH1-P2 PSPPPQPHL	547	255
>NOTCH1-P2 PPPPPQPHL	27	>NOTCH1-P2 PSPPPQPHL	14917	14890
>NOTCH1-P2 PPPPPQPHL	1044	>NOTCH1-P2 PSPPPQPHL	12	1032
>NOTCH1-P2 PPPPPQPHLG	4431	>NOTCH1-P2 PSPPPQPHLG	51	4380
>NOTCH1-P2 PPPPPQPHL	135	>NOTCH1-P2 PPSPPPQPHL	591	456
>NOTCH1-P2 QPPPPPPQPf	601	>NOTCH1-P2 QPPSPPPQPf	329	272
>NOTCH1-P2 QPPPPPPQPf	105	>NOTCH1-P2 QPPSPPPQPf	45	60
>NOTCH1-P2 QPPPPPPQPf	180	>NOTCH1-P2 QPPSPPPQPf	227	47
>NOTCH1-P2 LQPPPPPPQP	407	>NOTCH1-P2 LQPPSPPPQP	205	202
>NOTCH1-P2 SLQPPPPPPQ	496	>NOTCH1-P2 SLQPPSPPPQ	874	378
>NOTCH1-P2 SLQPPPPPPQ	103	>NOTCH1-P2 SLQPPSPPPQ	78	25
>NOTCH1-P2 PPPPQPHL	604	>NOTCH1-P2 TPPPQPHL	426	178
>NOTCH1-P2 PPPPQPHL	59	>NOTCH1-P2 TPPPQPHL	28	31
>NOTCH1-P2 PPPPQPHL	3937	>NOTCH1-P2 TPPPQPHL	349	3588
>NOTCH1-P2 PPPPPQPHL	292	>NOTCH1-P2 PTPPPQPHL	3053	2761

>NOTCH1-P2 P P P P P Q P H L	27	>NOTCH1-P2 P T P P P Q P H L	20620	20593
>NOTCH1-P2 P P P P P Q P H L	1044	>NOTCH1-P2 P T P P P Q P H L	6	1038
>NOTCH1-P2 P P P P P Q P H L C	15622	>NOTCH1-P2 P T P P P Q P H L C	201	15421
>NOTCH1-P2 P P P P P Q P H L C	4431	>NOTCH1-P2 P T P P P Q P H L C	20	4411
>NOTCH1-P2 P P P P P Q P H L	135	>NOTCH1-P2 P P T P P P Q P H L	331	196
>NOTCH1-P2 Q P P P P P P Q P H	105	>NOTCH1-P2 Q P P T P P P Q P H	63	42
>NOTCH1-P2 Q P P P P P P Q P H	180	>NOTCH1-P2 Q P P T P P P Q P H	427	247
>NOTCH1-P2 L Q P P P P P P Q F	407	>NOTCH1-P2 L Q P P T P P P Q F	282	125
>NOTCH1-P2 S L Q P P P P P P Q	496	>NOTCH1-P2 S L Q P P T P P P Q	728	232
>NOTCH1-P2 S L Q P P P P P P Q	103	>NOTCH1-P2 S L Q P P T P P P Q	66	37
>NOTCH1-P2 P P P Q P H L G V	5719	>NOTCH1-P2 L P P Q P H L G V	303	5416
>NOTCH1-P2 P P P Q P H L G V	7558	>NOTCH1-P2 L P P Q P H L G V	421	7137
>NOTCH1-P2 P P P P Q P H L	59	>NOTCH1-P2 P L P P Q P H L	26125	26066
>NOTCH1-P2 P P P P Q P H L G \	21478	>NOTCH1-P2 P L P P Q P H L G V	18	21460
>NOTCH1-P2 P P P P Q P H L	25330	>NOTCH1-P2 P L P P Q P H L	225	25105
>NOTCH1-P2 P P P P Q P H L G \	22105	>NOTCH1-P2 P L P P Q P H L G V	42	22063
>NOTCH1-P2 P P P P Q P H L G \	25681	>NOTCH1-P2 P L P P Q P H L G V	297	25384
>NOTCH1-P2 P P P P Q P H L	30657	>NOTCH1-P2 P L P P Q P H L	25	30632
>NOTCH1-P2 P P P P Q P H L G \	21183	>NOTCH1-P2 P L P P Q P H L G V	8	21175
>NOTCH1-P2 Q Q Q Q S L Q P P	12291	>NOTCH1-P2 Q Q Q Q S L Q P P	337	11954
>NOTCH1-P2 Q Q Q Q S L Q P P	3925	>NOTCH1-P2 Q Q Q Q S L Q P P	278	3647
>NOTCH1-P2 Q Q Q Q S L Q P P	3049	>NOTCH1-P2 Q Q Q Q S L Q P P	81	2968
>NOTCH1-P2 Q Q Q Q S L Q P P	19530	>NOTCH1-P2 Q Q Q Q S L Q P P	168	19362
>NOTCH1-P2 Q Q Q Q S L Q P P	19100	>NOTCH1-P2 Q Q Q Q S L Q P P	348	18752
>NOTCH1-P2 P P P P P Q P H L	292	>NOTCH1-P2 P P L P P Q P H L	22022	21730
>NOTCH1-P2 P P P P P Q P H L	27	>NOTCH1-P2 P P L P P Q P H L	29	2
>NOTCH1-P2 P P P P P Q P H L	135	>NOTCH1-P2 P P P L P P Q P H L	567	432
>NOTCH1-P2 Q P P P P P P Q P H	105	>NOTCH1-P2 Q P P P L P P Q P H	66	39
>NOTCH1-P2 Q P P P P P P Q P H	180	>NOTCH1-P2 Q P P P L P P Q P H	245	65
>NOTCH1-P2 L Q P P P P P P Q	4594	>NOTCH1-P2 L Q P P P L P P Q	374	4220
>NOTCH1-P2 L Q P P P P P P Q F	407	>NOTCH1-P2 L Q P P P L P P Q F	745	338
>NOTCH1-P2 S L Q P P P P P P Q	496	>NOTCH1-P2 S L Q P P P L P P Q	697	201
>NOTCH1-P2 S L Q P P P P P P Q	103	>NOTCH1-P2 S L Q P P P L P P Q	94	9
>NOTCH1-P2 Q S L Q P P P P	7329	>NOTCH1-P2 Q S L Q P P P L	136	7193
>NOTCH1-P2 Q S L Q P P P P	16502	>NOTCH1-P2 Q S L Q P P P L	17	16485
>NOTCH1-P2 Q Q S L Q P P P P	6535	>NOTCH1-P2 Q Q S L Q P P P L	170	6365
>NOTCH1-P2 Q Q S L Q P P P P	18926	>NOTCH1-P2 Q Q S L Q P P P L	115	18811
>NOTCH1-P2 Q Q S L Q P P P P	15668	>NOTCH1-P2 Q Q S L Q P P P L	203	15465
>NOTCH1-P2 Q Q Q S L Q P P P	6760	>NOTCH1-P2 Q Q Q S L Q P P P	499	6261
>NOTCH1-P2 Q Q Q S L Q P P P	3633	>NOTCH1-P2 Q Q Q S L Q P P P	105	3528
>NOTCH1-P2 Q Q Q S L Q P P P	16619	>NOTCH1-P2 Q Q Q S L Q P P P	109	16510
>NOTCH1-P2 Q Q Q S L Q P P P	16678	>NOTCH1-P2 Q Q Q S L Q P P P	202	16476
>NOTCH1-P2 Q P H L G V S S A A /	24622	>NOTCH1-P2 Q L H L G V S S A A /	253	24369

>NOTCH1-P2 QPHLGVSSA	15653	>NOTCH1-P2 QLHLGVSSA	14	15639
>NOTCH1-P2 QPHLGVSSA/	22604	>NOTCH1-P2 QLHLGVSSAA	160	22444
>NOTCH1-P2 QPHLGVSSA/	28663	>NOTCH1-P2 QLHLGVSSAA	433	28230
>NOTCH1-P2 QPHLGVSSA	35391	>NOTCH1-P2 QLHLGVSSA	46	35345
>NOTCH1-P2 QPHLGVSSA/	36403	>NOTCH1-P2 QLHLGVSSAA	161	36242
>NOTCH1-P2 QPHLGVSSA	259	>NOTCH1-P2 QLHLGVSSA	21025	20766
>NOTCH1-P2 QPHLGVSSA/	50	>NOTCH1-P2 QLHLGVSSAA	24823	24773
>NOTCH1-P2 SLQPPPPPPQ	21187	>NOTCH1-P2 SLQPPPPPPQ	91	21096
>NOTCH1-P2 SLQPPPPPPQ	18352	>NOTCH1-P2 SLQPPPPPPQ	400	17952
>NOTCH1-P2 SLQPPPPPPQ	2531	>NOTCH1-P2 SLQPPPPPPQ	5	2526
>NOTCH1-P2 SLQPPPPPPQ	19443	>NOTCH1-P2 SLQPPPPPPQ	71	19372
>NOTCH1-P2 SLQPPPPPPQ	8392	>NOTCH1-P2 SLQPPPPPPQ	19	8373
>NOTCH1-P2 SLQPPPPPPQ	21316	>NOTCH1-P2 SLQPPPPPPQ	111	21205
>NOTCH1-P2 SLQPPPPPPQ	2144	>NOTCH1-P2 SLQPPPPPPQ	7	2137
>NOTCH1-P2 PPPPQPHL	59	>NOTCH1-P2 PPPPQLHL	137	78
>NOTCH1-P2 PPPPPQPHL	292	>NOTCH1-P2 PPPPPQLHL	440	148
>NOTCH1-P2 PPPPPQPHL	27	>NOTCH1-P2 PPPPPQLHL	113	86
>NOTCH1-P2 PPPPPQP	36683	>NOTCH1-P2 PPPPPQL	122	36561
>NOTCH1-P2 PPPPPQPHL	135	>NOTCH1-P2 PPPPPQLHL	335	200
>NOTCH1-P2 QPPPPPPQP	38394	>NOTCH1-P2 QPPPPPPQL	131	38263
>NOTCH1-P2 QPPPPPPQPH	105	>NOTCH1-P2 QPPPPPPQLH	278	173
>NOTCH1-P2 QPPPPPPQP	20177	>NOTCH1-P2 QPPPPPPQL	207	19970
>NOTCH1-P2 QPPPPPPQPH	180	>NOTCH1-P2 QPPPPPPQLH	174	6
>NOTCH1-P2 LQPPPPPPQF	20562	>NOTCH1-P2 LQPPPPPPQL	364	20198
>NOTCH1-P2 LQPPPPPPQF	7528	>NOTCH1-P2 LQPPPPPPQL	272	7256
>NOTCH1-P2 LQPPPPPPQF	407	>NOTCH1-P2 LQPPPPPPQL	1808	1401
>NOTCH1-P2 LQPPPPPPQF	15816	>NOTCH1-P2 LQPPPPPPQL	271	15545
>NOTCH1-P2 PSQADVQPL	10103	>NOTCH1-P2 LSQADVQPL	277	9826
>NOTCH1-P2 PSQADVQPL	4676	>NOTCH1-P2 LSQADVQPL	451	4225
>NOTCH1-P2 PSQADVQPL	7189	>NOTCH1-P2 LSQADVQPL	35	7154
>NOTCH1-P2 EPSQADVQPI	23268	>NOTCH1-P2 ELSQADVQPI	174	23094
>NOTCH1-P2 EPSQADVQPI	29821	>NOTCH1-P2 ELSQADVQPI	466	29355
>NOTCH1-P2 EPSQADVQPI	25305	>NOTCH1-P2 ELSQADVQPI	221	25084
>NOTCH1-P2 EPSQADVQPI	23603	>NOTCH1-P2 ELSQADVQPI	198	23405
>NOTCH1-P2 EPSQADVQPI	33673	>NOTCH1-P2 ELSQADVQPI	22	33651
>NOTCH1-P2 EPSQADVQ	187	>NOTCH1-P2 ELSQADVQ	12828	12641
>NOTCH1-P2 EPSQADVQPI	189	>NOTCH1-P2 ELSQADVQPI	2099	1910
>NOTCH1-P2 EPSQADVQPI	288	>NOTCH1-P2 ELSQADVQPI	12291	12003
>NOTCH1-P2 HLGRSFLSGE	12618	>NOTCH1-P2 HLGRSFLSGE	156	12462
>NOTCH1-P2 HLGRSFLSGE	18842	>NOTCH1-P2 HLGRSFLSGE	261	18581
>NOTCH1-P2 HLGRSFLSGE	20097	>NOTCH1-P2 HLGRSFLSGE	272	19825
>NOTCH1-P2 HLGRSFLSGE	21091	>NOTCH1-P2 HLGRSFLSGE	492	20599
>NOTCH1-P2 HLGRSFLSGE	16941	>NOTCH1-P2 HLGRSFLSGE	27	16914

>NOTCH1-P2 GEPSQADV	6143	>NOTCH1-P2 GELSQADV	493	5650
>NOTCH1-P2 GEPSQADVQ	306	>NOTCH1-P2 GELSQADVQ	20	286
>NOTCH1-P2 GEPSQADVQ	467	>NOTCH1-P2 GELSQADVQ	38	429
>NOTCH1-P2 GEPSQADV	3425	>NOTCH1-P2 GELSQADV	134	3291
>NOTCH1-P2 GEPSQADVQ	54	>NOTCH1-P2 GELSQADVQ	10	44
>NOTCH1-P2 FLSGEPSQA	86	>NOTCH1-P2 FLSGELSQA	34	52
>NOTCH1-P2 FLSGEPSQAD	22	>NOTCH1-P2 FLSGELSQAD	17	5
>NOTCH1-P2 FLSGEPSQ	77	>NOTCH1-P2 FLSGELSQ	39	38
>NOTCH1-P2 FLSGEPSQA	5	>NOTCH1-P2 FLSGELSQA	2	3
>NOTCH1-P2 FLSGEPSQAD	3	>NOTCH1-P2 FLSGELSQAD	3	0
>NOTCH1-P2 FLSGEPSQA	4	>NOTCH1-P2 FLSGELSQA	3	1
>NOTCH1-P2 FLSGEPSQAD	3	>NOTCH1-P2 FLSGELSQAD	3	0
>NOTCH1-P2 FLSGEPSQA	1257	>NOTCH1-P2 FLSGELSQA	30	1227
>NOTCH1-P2 FLSGEPSQAD	68	>NOTCH1-P2 FLSGELSQAD	20	48
>NOTCH1-P2 FLSGEPSQ	392	>NOTCH1-P2 FLSGELSQ	669	277
>NOTCH1-P2 FLSGEPSQA	7	>NOTCH1-P2 FLSGELSQA	8	1
>NOTCH1-P2 FLSGEPSQAD	3	>NOTCH1-P2 FLSGELSQAD	4	1
>NOTCH1-P2 FLSGEPSQA	141	>NOTCH1-P2 FLSGELSQA	59	82
>NOTCH1-P2 FLSGEPSQAD	8	>NOTCH1-P2 FLSGELSQAD	6	2
>NOTCH1-P2 FLSGEPSQ	366	>NOTCH1-P2 FLSGELSQ	813	447
>NOTCH1-P2 FLSGEPSQA	25	>NOTCH1-P2 FLSGELSQA	20	5
>NOTCH1-P2 FLSGEPSQAD	6	>NOTCH1-P2 FLSGELSQAD	6	0
>NOTCH1-P2 FLSGEPSQA	17	>NOTCH1-P2 FLSGELSQA	11	6
>NOTCH1-P2 FLSGEPSQAD	4	>NOTCH1-P2 FLSGELSQAD	4	0
>NOTCH1-P2 FLSGEPSQ	6	>NOTCH1-P2 FLSGELSQ	5	1
>NOTCH1-P2 FLSGEPSQA	2	>NOTCH1-P2 FLSGELSQA	2	0
>NOTCH1-P2 FLSGEPSQAD	1145	>NOTCH1-P2 FLSGELSQAD	491	654
>NOTCH1-P2 FLSGEPSQAD	1	>NOTCH1-P2 FLSGELSQAD	1	0
>NOTCH1-P2 RSFLSGEP	21684	>NOTCH1-P2 RSFLSGEL	255	21429
>NOTCH1-P2 RSFLSGEP	3818	>NOTCH1-P2 RSFLSGEL	399	3419
>NOTCH1-P2 RSFLSGEPSQ	229	>NOTCH1-P2 RSFLSGELSQ	288	59
>NOTCH1-P2 RSFLSGEP	10576	>NOTCH1-P2 RSFLSGEL	321	10255
>NOTCH1-P2 RSFLSGEP	4856	>NOTCH1-P2 RSFLSGEL	158	4698
>NOTCH1-P2 RSFLSGEP	3379	>NOTCH1-P2 RSFLSGEL	3	3376
>NOTCH1-P2 RSFLSGEPS	91	>NOTCH1-P2 RSFLSGELS	524	433
>NOTCH1-P2 RSFLSGEPSQ	87	>NOTCH1-P2 RSFLSGELSQ	73	14
>NOTCH1-P2 RSFLSGEPSQ	40	>NOTCH1-P2 RSFLSGELSQ	48	8
>NOTCH1-P2 RSFLSGEP	3828	>NOTCH1-P2 RSFLSGEL	120	3708
>NOTCH1-P2 RSFLSGEPS	5351	>NOTCH1-P2 RSFLSGELS	474	4877
>NOTCH1-P2 RSFLSGEPSQ	332	>NOTCH1-P2 RSFLSGELSQ	133	199
>NOTCH1-P2 RSFLSGEP	13333	>NOTCH1-P2 RSFLSGEL	54	13279
>NOTCH1-P2 GRSFLSGEP	10826	>NOTCH1-P2 GRSFLSGEL	296	10530
>NOTCH1-P2 GRSFLSGEP	3715	>NOTCH1-P2 GRSFLSGEL	25	3690

>NOTCH1-P2 LGRSFLSGEP	19373	>NOTCH1-P2 LGRSFLSGEL	348	19025
>NOTCH1-P2 PSPEPDQW	1946	>NOTCH1-P2 LSPESPDQW	42	1904
>NOTCH1-P2 PSPEPDQW	1426	>NOTCH1-P2 LSPESPDQW	87	1339
>NOTCH1-P2 PSPEPDQW	5501	>NOTCH1-P2 LSPESPDQW	55	5446
>NOTCH1-P2 PSPEPDQW	13001	>NOTCH1-P2 LSPESPDQW	492	12509
>NOTCH1-P2 TSPESPQ	36319	>NOTCH1-P2 TSPESPQ	354	35965
>NOTCH1-P2 TSPESPQW	3425	>NOTCH1-P2 TSPESPQW	327	3098
>NOTCH1-P2 TSPESPQW	3096	>NOTCH1-P2 TSPESPQW	438	2658
>NOTCH1-P2 TSPESPQW	4716	>NOTCH1-P2 TSPESPQW	171	4545
>NOTCH1-P2 TSPESPQW	26	>NOTCH1-P2 TSPESPQW	5521	5495
>NOTCH1-P2 LQVPEHPFLT	1010	>NOTCH1-P2 LQVPEHPFLT	9	1001
>NOTCH1-P2 LQVPEHPFLT	1939	>NOTCH1-P2 LQVPEHPFLT	131	1808
>NOTCH1-P2 LQVPEHPFLT	594	>NOTCH1-P2 LQVPEHPFLT	16	578
>NOTCH1-P2 LQVPEHPFLT	25927	>NOTCH1-P2 LQVPEHPFLT	276	25651
>NOTCH1-P2 LTPSPESPQ	58	>NOTCH1-P2 LTPSPESPQ	4	54
>NOTCH1-P2 LTPSPESPQ	126	>NOTCH1-P2 LTPSPESPQ	44	82
>NOTCH1-P2 LTPSPESPQ	341	>NOTCH1-P2 LTPSPESPQ	13	328
>NOTCH1-P2 LTPSPESPQ	386	>NOTCH1-P2 LTPSPESPQ	22949	22563
>NOTCH1-P2 LTPSPESPQ	60	>NOTCH1-P2 LTPSPESPQ	13032	12972
>NOTCH1-P2 LTPSPESPQ	1117	>NOTCH1-P2 LTPSPESPQ	68	1049
>NOTCH1-P2 LTPSPESPQ	4398	>NOTCH1-P2 LTPSPESPQ	358	4040
>NOTCH1-P2 FLTPSPES	211	>NOTCH1-P2 FLTPSPES	410	199
>NOTCH1-P2 FLTPSPES	245	>NOTCH1-P2 FLTPSPES	852	607
>NOTCH1-P2 FLTPSPES	249	>NOTCH1-P2 FLTPSPES	1194	945
>NOTCH1-P2 FLTPSPES	464	>NOTCH1-P2 FLTPSPES	1235	771
>NOTCH1-P2 FLTPSPES	19	>NOTCH1-P2 FLTPSPES	148	129
>NOTCH1-P2 FLTPSPES	468	>NOTCH1-P2 FLTPSPES	5898	5430
>NOTCH1-P2 FLTPSPESDC	13	>NOTCH1-P2 FLTPSPESDC	76	63
>NOTCH1-P2 HPFLTPSPE	266	>NOTCH1-P2 HPFLTPSPE	375	109
>NOTCH1-P2 HPFLTPSPE	705	>NOTCH1-P2 HPFLTPSPE	250	455
>NOTCH1-P2 HPFLTPSPES	420	>NOTCH1-P2 HPFLTPSPES	195	225
>NOTCH1-P2 PEHPFLTP	11378	>NOTCH1-P2 PEHPFLTP	209	11169
>NOTCH1-P2 VPEHPFLTP	17619	>NOTCH1-P2 VPEHPFLTP	41	17578
>NOTCH1-P2 VPEHPFLTP	12009	>NOTCH1-P2 VPEHPFLTP	408	11601
>NOTCH1-P2 VPEHPFLTP	9541	>NOTCH1-P2 VPEHPFLTP	452	9089
>NOTCH1-P2 VPEHPFLTP	5222	>NOTCH1-P2 VPEHPFLTP	157	5065
>NOTCH1-P2 VPEHPFLTPS	256	>NOTCH1-P2 VPEHPFLTPS	255	1
>NOTCH1-P2 VPEHPFLTP	8852	>NOTCH1-P2 VPEHPFLTP	71	8781
>NOTCH1-P2 QVPEHPFLTP	21101	>NOTCH1-P2 QVPEHPFLTP	407	20694
>NOTCH1-P2 QVPEHPFLTP	16587	>NOTCH1-P2 QVPEHPFLTP	451	16136
>NOTCH1-P2 QVPEHPFLTP	10061	>NOTCH1-P2 QVPEHPFLTP	316	9745
>NOTCH1-P2 QVPEHPFLTP	15869	>NOTCH1-P2 QVPEHPFLTP	452	15417
>NOTCH1-P2 QVPEHPFLTP	6339	>NOTCH1-P2 QVPEHPFLTP	25	6314

>NOTCH1-P2 QVPEHPFLTP	33358	>NOTCH1-P2 QVPEHPFLTL	407	32951
>NOTCH1-Q1RCTCPQGY	584	>NOTCH1-Q1RCTCPLGY	53	531
>NOTCH1-Q1YRCTCPQGY	1239	>NOTCH1-Q1YRCTCPLGY	74	1165
>NOTCH1-Q1YRCTCPQGY	2185	>NOTCH1-Q1YRCTCPLGY	43	2142
>NOTCH1-Q1YRCTCPQGY	62	>NOTCH1-Q1YRCTCPLGY	85	23
>NOTCH1-Q1YRCTCPQGY	847	>NOTCH1-Q1YRCTCPLGY	195	652
>NOTCH1-Q1YRCTCPQGYT	928	>NOTCH1-Q1YRCTCPLGYT	487	441
>NOTCH1-Q1SYRCTCPQ	11896	>NOTCH1-Q1SYRCTCPL	23	11873
>NOTCH1-Q1SYRCTCPQ	14105	>NOTCH1-Q1SYRCTCPL	228	13877
>NOTCH1-Q1SYRCTCPQGY	75	>NOTCH1-Q1SYRCTCPLGY	32	43
>NOTCH1-Q1SYRCTCPQ	32	>NOTCH1-Q1SYRCTCPL	11	21
>NOTCH1-Q1SYRCTCPQG	66	>NOTCH1-Q1SYRCTCPLG	36	30
>NOTCH1-Q1SYRCTCPQGY	88	>NOTCH1-Q1SYRCTCPLGY	50	38
>NOTCH1-Q1SYRCTCPQGY	97	>NOTCH1-Q1SYRCTCPLGY	90	7
>NOTCH1-Q1SYRCTCPQGY	356	>NOTCH1-Q1SYRCTCPLGY	723	367
>NOTCH1-Q1SYRCTCPQGY	2594	>NOTCH1-Q1SYRCTCPLGY	162	2432
>NOTCH1-Q1SYRCTCPQ	1827	>NOTCH1-Q1SYRCTCPL	410	1417
>NOTCH1-Q1GSYRCTCPQ	10897	>NOTCH1-Q1GSYRCTCPL	114	10783
>NOTCH1-Q1GSYRCTCPQC	758	>NOTCH1-Q1GSYRCTCPLG	188	570
>NOTCH1-Q1GSYRCTCPQC	531	>NOTCH1-Q1GSYRCTCPLG	76	455
>NOTCH1-Q1GSYRCTCPQC	362	>NOTCH1-Q1GSYRCTCPLG	73	289
>NOTCH1-Q1GSYRCTCPQC	180	>NOTCH1-Q1GSYRCTCPLG	143	37
>NOTCH1-Q1GSYRCTCPQ	10038	>NOTCH1-Q1GSYRCTCPL	382	9656
>NOTCH1-Q1GSYRCTCPQ	3737	>NOTCH1-Q1GSYRCTCPL	470	3267
>NOTCH1-Q1GSYRCTCPQC	251	>NOTCH1-Q1GSYRCTCPLG	189	62
>NOTCH1-Q1GSYRCTCPQ	4116	>NOTCH1-Q1GSYRCTCPL	307	3809
>NOTCH1-Q1GSYRCTCPQC	101	>NOTCH1-Q1GSYRCTCPLG	126	25
>NOTCH1-Q1GSYRCTCPQ	6834	>NOTCH1-Q1GSYRCTCPL	19	6815
>NOTCH1-Q1GSYRCTCPQC	7	>NOTCH1-Q1GSYRCTCPLG	6	1
>NOTCH1-Q1GSYRCTCPQC	469	>NOTCH1-Q1GSYRCTCPLG	726	257
>NOTCH1-Q1GSYRCTCPQC	981	>NOTCH1-Q1GSYRCTCPLG	272	709
>NOTCH1-Q1GSYRCTCPQC	59	>NOTCH1-Q1GSYRCTCPLG	58	1
>NOTCH1-Q1QMIFPYYG	1115	>NOTCH1-Q1KMIFPYYG	144	971
>NOTCH1-Q1QMIFPYYGR	4806	>NOTCH1-Q1KMIFPYYGR	383	4423
>NOTCH1-Q1QMIFPYYGR	182	>NOTCH1-Q1KMIFPYYGR	36	146
>NOTCH1-Q1QMIFPYYGR	14	>NOTCH1-Q1KMIFPYYGR	5	9
>NOTCH1-Q1QMIFPYYGR	150	>NOTCH1-Q1KMIFPYYGR	796	646
>NOTCH1-Q1QMIFPYYGR	68	>NOTCH1-Q1KMIFPYYGR	611	543
>NOTCH1-Q1QMIFPYYGR	55	>NOTCH1-Q1KMIFPYYGR	18	37
>NOTCH1-Q1QQMIFPYYGI	465	>NOTCH1-Q1QKMIFPYYGF	4958	4493
>NOTCH1-Q1QQMIFPYY	133	>NOTCH1-Q1QKMIFPYY	12885	12752
>NOTCH1-Q1QQMIFPYYGI	68	>NOTCH1-Q1QKMIFPYYGF	5441	5373
>NOTCH1-Q1QQMIFPYY	52	>NOTCH1-Q1QKMIFPYY	190	138



>NOTCH1-Q1QQMIFPYY	43	>NOTCH1-Q1QKMIFPYY	217	174
>NOTCH1-Q1QQMIFPYYGI	16	>NOTCH1-Q1QKMIFPYYGF	58	42
>NOTCH1-Q1QQMIFPYYGI	217	>NOTCH1-Q1QKMIFPYYGF	473	256
>NOTCH1-Q1QQMIFPYYGI	34	>NOTCH1-Q1QKMIFPYYGF	377	343
>NOTCH1-Q1QQMIFPYY	98	>NOTCH1-Q1QKMIFPYY	8037	7939
>NOTCH1-Q1QQMIFPYY	388	>NOTCH1-Q1QKMIFPYY	6799	6411
>NOTCH1-Q1QQMIFPYY	7	>NOTCH1-Q1QKMIFPYY	6	1
>NOTCH1-Q1QQMIFPYYGI	335	>NOTCH1-Q1QKMIFPYYGF	792	457
>NOTCH1-Q1QQMIFPYYGI	26	>NOTCH1-Q1QKMIFPYYGF	48	22
>NOTCH1-Q1VVFKRDAHG	15226	>NOTCH1-Q1VVFKRDAHG	59	15167
>NOTCH1-Q1VVFKRDAHG	24443	>NOTCH1-Q1VVFKRDAHG	53	24390
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>NOTCH1-Q1VVFKRDAHG	4258	>NOTCH1-Q1VVFKRDAHG	70	4188
>NOTCH1-Q1GQQMIFPY	270	>NOTCH1-Q1GQKMIFPY	1831	1561
>NOTCH1-Q1GQQMIFPYY	138	>NOTCH1-Q1GQKMIFPYY	933	795
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>NOTCH1-Q1GQQMIFPY	337	>NOTCH1-Q1GQKMIFPY	622	285
>NOTCH1-Q1GQQMIFPYY	85	>NOTCH1-Q1GQKMIFPYY	162	77
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>NOTCH1-Q1GQQMIFPYY	18	>NOTCH1-Q1GQKMIFPYY	19	1
>NOTCH1-Q1GQQMIFPYYC	16	>NOTCH1-Q1GQKMIFPYYC	9	7
>NOTCH1-Q1GQQMIFPY	43	>NOTCH1-Q1GQKMIFPY	36	7
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>NOTCH1-Q1GQQMIFPY	76	>NOTCH1-Q1GQKMIFPY	23	53
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>NOTCH1-Q1GQQMIFPYY	439	>NOTCH1-Q1GQKMIFPYY	2659	2220
>NOTCH1-Q1GQQMIFPYYC	418	>NOTCH1-Q1GQKMIFPYYC	341	77
>NOTCH1-Q1HGQQMIFPY	148	>NOTCH1-Q1HGQKMIFPY	163	15
>NOTCH1-Q1HGQQMIFPY	213	>NOTCH1-Q1HGQKMIFPY	346	133
>NOTCH1-Q1HGQQMIFPY	281	>NOTCH1-Q1HGQKMIFPY	97	184
>NOTCH1-Q1HGQQMIFPY	193	>NOTCH1-Q1HGQKMIFPY	288	95
>NOTCH1-Q1HGQQMIFPY	475	>NOTCH1-Q1HGQKMIFPY	1482	1007
>NOTCH1-Q1HGQQMIFPY	48	>NOTCH1-Q1HGQKMIFPY	107	59
>NOTCH1-Q1HGQQMIFPY	57	>NOTCH1-Q1HGQKMIFPY	43	14
>NOTCH1-Q1AHGQQMIFP	161	>NOTCH1-Q1AHGQKMIFP	269	108
>NOTCH1-Q1AHGQQMIFP	136	>NOTCH1-Q1AHGQKMIFP	161	25
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>NOTCH1-Q1AHGQQMIFP	251	>NOTCH1-Q1AHGQKMIFP	386	135
>NOTCH1-Q1AHGQQMIF	261	>NOTCH1-Q1AHGQKMIF	630	369
>NOTCH1-Q1DAHGQQMIF	468	>NOTCH1-Q1DAHGQKMIF	766	298
>NOTCH1-Q1DAHGQQMIF	194	>NOTCH1-Q1DAHGQKMIF	440	246
>NOTCH1-Q1DAHGQQMIF	452	>NOTCH1-Q1DAHGQKMIF	924	472
>NOTCH1-Q1DAHGQQMIF	45	>NOTCH1-Q1DAHGQKMIF	84	39

>NOTCH1-Q1RDAHGGQM	1965	>NOTCH1-Q1RDAHGGQMI	474	1491
>NOTCH1-Q1RDAHGGQM	148	>NOTCH1-Q1RDAHGGQMI	240	92
>NOTCH1-Q1RDAHGGQM	269	>NOTCH1-Q1RDAHGGQMI	602	333
>NOTCH1-Q1RDAHGGQM	325	>NOTCH1-Q1RDAHGGQMI	277	48
>NOTCH1-Q1RDAHGGQM	133	>NOTCH1-Q1RDAHGGQMI	159	26
>NOTCH1-Q1KRDAHGGQM	135	>NOTCH1-Q1KRDAHGGQM	187	52
>NOTCH1-Q1KRDAHGGQM	146	>NOTCH1-Q1KRDAHGGQM	299	153
>NOTCH1-Q1KRDAHGGQM	135	>NOTCH1-Q1KRDAHGGQM	329	194
>NOTCH1-Q1KRDAHGGQM	375	>NOTCH1-Q1KRDAHGGQM	377	2
>NOTCH1-Q1KRDAHGGQM	230	>NOTCH1-Q1KRDAHGGQM	774	544
>NOTCH1-Q1FKRDAHGGQ	17	>NOTCH1-Q1FKRDAHGGQ	19	2
>NOTCH1-Q1FKRDAHGGQ	43	>NOTCH1-Q1FKRDAHGGQ	57	14
>NOTCH1-Q1VFKRDAHGGQ	6426	>NOTCH1-Q1VFKRDAHGGQ	104	6322
>NOTCH1-R1RNSSFHFLR	7	>NOTCH1-R1RNSSFHFLR	337	330
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>NOTCH1-R1RNSSFHFLREI	466	>NOTCH1-R1RNSSFHFLREI	18814	18348
>NOTCH1-R1RNSSFHFLR	32	>NOTCH1-R1RNSSFHFLR	191	159
>NOTCH1-R1LRNSSFHF	5715	>NOTCH1-R1LRNSSFHF	9	5706
>NOTCH1-R1LRNSSFHFL	492	>NOTCH1-R1LRNSSFHFL	4	488
>NOTCH1-R1LRNSSFHFLR	34	>NOTCH1-R1LRNSSFHFLR	52	18
>NOTCH1-R1LRNSSFHFLR	112	>NOTCH1-R1LRNSSFHFLR	158	46
>NOTCH1-R1LRNSSFHFLR	1237	>NOTCH1-R1LRNSSFHFLR	450	787
>NOTCH1-R1LRNSSFHF	25657	>NOTCH1-R1LRNSSFHF	422	25235
>NOTCH1-R1LRNSSFHFL	23992	>NOTCH1-R1LRNSSFHFL	97	23895
>NOTCH1-R1LRNSSFHF	8	>NOTCH1-R1LRNSSFHF	77	69
>NOTCH1-R1LRNSSFHFL	65	>NOTCH1-R1LRNSSFHFL	1048	983
>NOTCH1-R1LRNSSFHF	171	>NOTCH1-R1LRNSSFHF	22786	22615
>NOTCH1-R1LRNSSFHFL	113	>NOTCH1-R1LRNSSFHFL	22905	22792
>NOTCH1-R1LRNSSFHFLR	304	>NOTCH1-R1LRNSSFHFLR	30030	29726
>NOTCH1-R1LRNSSFHF	12192	>NOTCH1-R1LRNSSFHF	22	12170
>NOTCH1-R1LRNSSFHFL	21845	>NOTCH1-R1LRNSSFHFL	325	21520
>NOTCH1-R1LRNSSFHFL	373	>NOTCH1-R1LRNSSFHFL	896	523
>NOTCH1-R1LRNSSFHFL	19210	>NOTCH1-R1LRNSSFHFL	277	18933
>NOTCH1-R1LRNSSFHF	12500	>NOTCH1-R1LRNSSFHF	14	12486
>NOTCH1-R1LRNSSFHFL	19536	>NOTCH1-R1LRNSSFHFL	30	19506
>NOTCH1-R1LRNSSFHFL	26580	>NOTCH1-R1LRNSSFHFL	393	26187
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>NOTCH1-R1LRNSSFHF	15792	>NOTCH1-R1LRNSSFHF	105	15687
>NOTCH1-R1LRNSSFHFL	29275	>NOTCH1-R1LRNSSFHFL	372	28903
>NOTCH1-R1LRNSSFHF	9755	>NOTCH1-R1LRNSSFHF	13	9742
>NOTCH1-R1LRNSSFHFL	19168	>NOTCH1-R1LRNSSFHFL	77	19091
>NOTCH1-R1LRNSSFHFL	48	>NOTCH1-R1LRNSSFHFL	25895	25847
>NOTCH1-R1LRNSSFHFLR	285	>NOTCH1-R1LRNSSFHFLR	321	36

>NOTCH1-R1 VVVLMPPEQ	177	>NOTCH1-R1 VVVLMPPEQ	34797	34620
>NOTCH1-R1 QLRNSSFHFL	1046	>NOTCH1-R1 QLPNSSFHFL	385	661
>NOTCH1-R1 QLRNSSFHFL	43	>NOTCH1-R1 QLPNSSFHFL	22	21
>NOTCH1-R1 QLRNSSFHFL	130	>NOTCH1-R1 QLPNSSFHFL	123	7
>NOTCH1-R1 QLRNSSFHF	4605	>NOTCH1-R1 QLPNSSFHF	342	4263
>NOTCH1-R1 QLRNSSFHFL	3991	>NOTCH1-R1 QLPNSSFHFL	481	3510
>NOTCH1-R1 QLRNSSFHFL	264	>NOTCH1-R1 QLPNSSFHFL	39	225
>NOTCH1-R1 QLRNSSFHFL	132	>NOTCH1-R1 QLPNSSFHFL	33	99
>NOTCH1-R1 QLRNSSFHFL	551	>NOTCH1-R1 QLPNSSFHFL	31	520
>NOTCH1-R1 QLRNSSFHFL	921	>NOTCH1-R1 QLPNSSFHFL	53	868
>NOTCH1-R1 QLRNSSFHFL	11	>NOTCH1-R1 QLPNSSFHFL	7	4
>NOTCH1-R1 QLRNSSFHFL	183	>NOTCH1-R1 QLPNSSFHFL	1655	1472
>NOTCH1-R1 QLRNSSFHF	625	>NOTCH1-R1 QLPNSSFHF	411	214
>NOTCH1-R1 QLRNSSFHF	6769	>NOTCH1-R1 QLPNSSFHF	422	6347
>NOTCH1-R1 QLRNSSFHFL	37	>NOTCH1-R1 QLPNSSFHFL	12782	12745
>NOTCH1-R1 QLRNSSFHFL	100	>NOTCH1-R1 QLPNSSFHFL	14863	14763
>NOTCH1-R1 QLRNSSFHFL	10	>NOTCH1-R1 QLPNSSFHFL	77	67
>NOTCH1-R1 QLRNSSFHFL	49	>NOTCH1-R1 QLPNSSFHFL	520	471
>NOTCH1-R1 QLRNSSFHFL	95	>NOTCH1-R1 QLPNSSFHFL	66	29
>NOTCH1-R1 QLRNSSFHF	26	>NOTCH1-R1 QLPNSSFHF	93	67
>NOTCH1-R1 QLRNSSFHF	102	>NOTCH1-R1 QLPNSSFHF	463	361
>NOTCH1-R1 QLRNSSFHF	9	>NOTCH1-R1 QLPNSSFHF	130	121
>NOTCH1-R1 QLRNSSFHFL	166	>NOTCH1-R1 QLPNSSFHFL	3435	3269
>NOTCH1-R1 QLRNSSFHF	74	>NOTCH1-R1 QLPNSSFHF	7099	7025
>NOTCH1-R1 QLRNSSFHF	19578	>NOTCH1-R1 QLPNSSFHF	175	19403
>NOTCH1-R1 QLRNSSFHFL	2745	>NOTCH1-R1 QLPNSSFHFL	10	2735
>NOTCH1-R1 QLRNSSFHFL	260	>NOTCH1-R1 QLPNSSFHFL	186	74
>NOTCH1-R1 EQLRNSSFHF	189	>NOTCH1-R1 EQLPNSSFHF	300	111
>NOTCH1-R1 EQLRNSSFHF	69	>NOTCH1-R1 EQLPNSSFHF	29	40
>NOTCH1-R1 EQLRNSSFHF	914	>NOTCH1-R1 EQLPNSSFHF	417	497
>NOTCH1-R1 EQLRNSSFHF	979	>NOTCH1-R1 EQLPNSSFHF	367	612
>NOTCH1-R1 EQLRNSSFHF	513	>NOTCH1-R1 EQLPNSSFHF	419	94
>NOTCH1-R1 EQLRNSSFHF	406	>NOTCH1-R1 EQLPNSSFHF	212	194
>NOTCH1-R1 EQLRNSSF	113	>NOTCH1-R1 EQLPNSSF	80	33
>NOTCH1-R1 EQLRNSSFHF	84	>NOTCH1-R1 EQLPNSSFHF	58	26
>NOTCH1-R1 EQLRNSSF	209	>NOTCH1-R1 EQLPNSSF	115	94
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>NOTCH1-R1 EQLRNSSFHF	6	>NOTCH1-R1 EQLPNSSFHF	6	0
>NOTCH1-R1 EQLRNSSFHF	136	>NOTCH1-R1 EQLPNSSFHF	111	25
>NOTCH1-R1 EQLRNSSFHF	230	>NOTCH1-R1 EQLPNSSFHF	82	148
>NOTCH1-R1 MPPEQLRNS:	395	>NOTCH1-R1 MPPEQLPNS:	104	291
>NOTCH1-R1 MPPEQLRNS:	124	>NOTCH1-R1 MPPEQLPNS:	216	92
>NOTCH1-R1 MPPEQLRNS:	34	>NOTCH1-R1 MPPEQLPNS:	23	11

>NOTCH1-R1 MPPEQLRNS:	137	>NOTCH1-R1 MPPEQLPNS:	89	48
>NOTCH1-R1 MPPEQLRNS	1506	>NOTCH1-R1 MPPEQLPNS	417	1089
>NOTCH1-R1 LMPPEQLRN:	3494	>NOTCH1-R1 LMPPEQLPN:	426	3068
>NOTCH1-R1 LMPPEQLR	303	>NOTCH1-R1 LMPPEQLP	35587	35284
>NOTCH1-R1 VLMPPEQLRI	1230	>NOTCH1-R1 VLMPPEQLPI	152	1078
>NOTCH1-R1 VLMPPEQLR	250	>NOTCH1-R1 VLMPPEQLP	23580	23330
>NOTCH1-R1 VVLMPEQLI	441	>NOTCH1-R1 VVLMPEQLI	31550	31109
>NOTCH1-R1 VVLMPEQLI	173	>NOTCH1-R1 VVLMPEQLI	33477	33304
>NOTCH1-R1 RVLHTNVV	399	>NOTCH1-R1 PVLHTNVV	6458	6059
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>NOTCH1-R1 RVLHTNVV	75	>NOTCH1-R1 PVLHTNVV	2252	2177
>NOTCH1-R1 RVLHTNVV	103	>NOTCH1-R1 PVLHTNVV	4864	4761
>NOTCH1-R1 RVLHTNVV	176	>NOTCH1-R1 PVLHTNVV	2002	1826
>NOTCH1-R1 RVLHTNVV	210	>NOTCH1-R1 PVLHTNVV	1893	1683
>NOTCH1-R1 RVLHTNVVFK	15	>NOTCH1-R1 PVLHTNVVFK	210	195
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>NOTCH1-R1 RVLHTNVVFK	14	>NOTCH1-R1 PVLHTNVVFK	170	156
>NOTCH1-R1 RVLHTNVVFK	63	>NOTCH1-R1 PVLHTNVVFK	3799	3736
>NOTCH1-R1 RVLHTNVVF	436	>NOTCH1-R1 PVLHTNVVF	1329	893
>NOTCH1-R1 RVLHTNVVF	121	>NOTCH1-R1 PVLHTNVVF	2941	2820
>NOTCH1-R1 RVLHTNVV	45	>NOTCH1-R1 PVLHTNVV	7096	7051
>NOTCH1-R1 RVLHTNVVFK	4	>NOTCH1-R1 PVLHTNVVFK	54	50
>NOTCH1-R1 RVLHTNVVFK	208	>NOTCH1-R1 PVLHTNVVFK	10331	10123
>NOTCH1-R1 RVLHTNVVFK	89	>NOTCH1-R1 PVLHTNVVFK	3661	3572
>NOTCH1-R1 RVLHTNVVFK	8	>NOTCH1-R1 PVLHTNVVFK	522	514
>NOTCH1-R1 RVLHTNVV	172	>NOTCH1-R1 PVLHTNVV	6904	6732
>NOTCH1-R1 RVLHTNVVF	7	>NOTCH1-R1 PVLHTNVVF	288	281
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>NOTCH1-R1 RVLHTNVVFK	143	>NOTCH1-R1 PVLHTNVVFK	1118	975
>NOTCH1-R1 RVLHTNVVF	71	>NOTCH1-R1 PVLHTNVVF	4671	4600
>NOTCH1-R1 RVLHTNVVF	8	>NOTCH1-R1 PVLHTNVVF	111	103
>NOTCH1-R1 RVLHTNVVF	12	>NOTCH1-R1 PVLHTNVVF	6092	6080
>NOTCH1-R1 RVLHTNVVF	49	>NOTCH1-R1 PVLHTNVVF	16240	16191
>NOTCH1-R1 RVLHTNVV	317	>NOTCH1-R1 PVLHTNVV	16155	15838
>NOTCH1-R1 RVLHTNVVF	77	>NOTCH1-R1 PVLHTNVVF	7679	7602
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>NOTCH1-R1 RVLHTNVVFK	193	>NOTCH1-R1 PVLHTNVVFK	2364	2171
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>NOTCH1-R1 SRVLHTNV	25150	>NOTCH1-R1 SPVLHTNV	145	25005
>NOTCH1-R1 SRVLHTNVV	23262	>NOTCH1-R1 SPVLHTNVV	26	23236
>NOTCH1-R1 SRVLHTNVVF	25974	>NOTCH1-R1 SPVLHTNVVF	80	25894
>NOTCH1-R1 SRVLHTNVVF	26	>NOTCH1-R1 SPVLHTNVVF	386	360
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>NOTCH1-R1 SRVLHTNVVF	285	>NOTCH1-R1 SPVLHTNVVF	25825	25540
>NOTCH1-R1 SRVLHTNVVF	31464	>NOTCH1-R1 SPVLHTNVVF	49	31415
>NOTCH1-R1 SRVLHTNVV	295	>NOTCH1-R1 SPVLHTNVV	785	490
>NOTCH1-R1 SRVLHTNVVF	285	>NOTCH1-R1 SPVLHTNVVF	973	688
>NOTCH1-R1 SRVLHTNVVF	20524	>NOTCH1-R1 SPVLHTNVVF	248	20276
>NOTCH1-R1 SRVLHTNVV	26278	>NOTCH1-R1 SPVLHTNVV	112	26166
>NOTCH1-R1 SRVLHTNVVF	9112	>NOTCH1-R1 SPVLHTNVVF	32	9080
>NOTCH1-R1 SRVLHTNVVF	18427	>NOTCH1-R1 SPVLHTNVVF	50	18377
>NOTCH1-R1 SRVLHTNVV	283	>NOTCH1-R1 SPVLHTNVV	30273	29990
>NOTCH1-R1 SRVLHTNVVF	203	>NOTCH1-R1 SPVLHTNVVF	29071	28868
>NOTCH1-R1 SSFHFLRELSR	31	>NOTCH1-R1 SSFHFLRELSR	14212	14181
>NOTCH1-R1 SSFHFLRELSR	41	>NOTCH1-R1 SSFHFLRELSR	19242	19201
>NOTCH1-R1 SSFHFLRELSR	424	>NOTCH1-R1 SSFHFLRELSR	37217	36793
>NOTCH1-R1 SSFHFLRELSR	26	>NOTCH1-R1 SSFHFLRELSR	26193	26167
>NOTCH1-R1 SSFHFLRELSR	67	>NOTCH1-R1 SSFHFLRELSR	2075	2008
>NOTCH1-R1 SSFHFLRELSR	316	>NOTCH1-R1 SSFHFLRELSR	32974	32658
>NOTCH1-R1 LSRVLHTNV	42	>NOTCH1-R1 LSPVLHTNV	13505	13463
>NOTCH1-R1 LSRVLHTNVV	35	>NOTCH1-R1 LSPVLHTNVV	12939	12904
>NOTCH1-R1 LSRVLHTNVV	45	>NOTCH1-R1 LSPVLHTNVV	259	214
>NOTCH1-R1 LSRVLHTNV	451	>NOTCH1-R1 LSPVLHTNV	4407	3956
>NOTCH1-R1 LSRVLHTNVV	424	>NOTCH1-R1 LSPVLHTNVV	4714	4290
>NOTCH1-R1 LSRVLHTNVV	8	>NOTCH1-R1 LSPVLHTNVV	70	62
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>NOTCH1-R1 LSRVLHTNVV	344	>NOTCH1-R1 LSPVLHTNVV	3418	3074
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>NOTCH1-R1 LSRVLHTNVV	3667	>NOTCH1-R1 LSPVLHTNVV	6	3661
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>NOTCH1-R1 LSRVLHTNVV	15	>NOTCH1-R1 LSPVLHTNVV	489	474
>NOTCH1-R1 ELSRVLHTNV	322	>NOTCH1-R1 ELSPVLHTNV	178	144
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>NOTCH1-R1 ELSRVLHTNV	27	>NOTCH1-R1 ELSPVLHTNV	18	9
>NOTCH1-R1 ELSRVLHTNV	38	>NOTCH1-R1 ELSPVLHTNV	23	15
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>NOTCH1-R1 ELSRVLHTNV	51	>NOTCH1-R1 ELSPVLHTNV	30	21
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>NOTCH1-R1 ELSRVLHTNV	59	>NOTCH1-R1 ELSPVLHTNV	25	34
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>NOTCH1-R1 RELSRVLHT	339	>NOTCH1-R1 RELSPVLHT	439	100
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>NOTCH1-R1 RELSRVLHTN	74	>NOTCH1-R1 RELSPVLHTN'	83	9
>NOTCH1-R1 RELSRVLHT	713	>NOTCH1-R1 RELSPVLHT	336	377
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>NOTCH1-R1 RELSRVLHT	33	>NOTCH1-R1 RELSPVLHT	53	20
>NOTCH1-R1 RELSRVLHTN	8	>NOTCH1-R1 RELSPVLHTN'	9	1
>NOTCH1-R1 LRELSRVL	574	>NOTCH1-R1 LRELSPVL	184	390
>NOTCH1-R1 FLRELSRV	40	>NOTCH1-R1 FLRELSPV	14	26
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>NOTCH1-R1 FLRELSRVLHT	200	>NOTCH1-R1 FLRELSPVLHT	66	134
>NOTCH1-R1 FLRELSRV	6	>NOTCH1-R1 FLRELSPV	3	3
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>NOTCH1-R1 FLRELSRVL	8	>NOTCH1-R1 FLRELSPVL	2	6
>NOTCH1-R1 FLRELSRVLHT	35	>NOTCH1-R1 FLRELSPVLHT	14	21
>NOTCH1-R1 FLRELSRV	1275	>NOTCH1-R1 FLRELSPV	209	1066
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>NOTCH1-R1 FLRELSRV	634	>NOTCH1-R1 FLRELSPV	205	429
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>NOTCH1-R1 FLRELSRV	2640	>NOTCH1-R1 FLRELSPV	317	2323
>NOTCH1-R1 FLRELSRVL	123	>NOTCH1-R1 FLRELSPVL	86	37
>NOTCH1-R1 FLRELSRV	470	>NOTCH1-R1 FLRELSPVL	1327	857
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>NOTCH1-R1 HFLRELSR	37	>NOTCH1-R1 HFLRELSP	29834	29797
>NOTCH1-R1 HFLRELSR	38	>NOTCH1-R1 HFLRELSP	26492	26454
>NOTCH1-R1 FHFLRELSRVL	652	>NOTCH1-R1 FHFLRELSPVL	408	244
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>NOTCH1-R1 FHFLRELSRV	1176	>NOTCH1-R1 FHFLRELSPV	111	1065
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>NOTCH1-R1 SFHFLRELSRV	2103	>NOTCH1-R1 SFHFLRELSPV	417	1686
>NOTCH1-R1 SFHFLRELSR	24	>NOTCH1-R1 SFHFLRELSP	18270	18246
>NOTCH1-R1 SFHFLRELSR	70	>NOTCH1-R1 SFHFLRELSP	18390	18320
>NOTCH1-R1 SFHFLRELSR	211	>NOTCH1-R1 SFHFLRELSP	34153	33942
>NOTCH1-R1 SFHFLRELSR	358	>NOTCH1-R1 SFHFLRELSP	29451	29093
>NOTCH1-R1 SFHFLRELSR	74	>NOTCH1-R1 SFHFLRELSP	30721	30647
>NOTCH1-R1 SFHFLRELSRV	683	>NOTCH1-R1 SFHFLRELSPV	340	343
>NOTCH1-R1 RDAHGQQM	148	>NOTCH1-R1 SDAHGQQM	832	684
>NOTCH1-R1 RDAHGQQM	269	>NOTCH1-R1 SDAHGQQM	1770	1501
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>NOTCH1-R1 RDAHGQQM	133	>NOTCH1-R1 SDAHGQQM	125	8
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>NOTCH1-R1 KRDAHGQQM	17079	>NOTCH1-R1 KSDAHGQQM	7	17072
>NOTCH1-R1 KRDAHGQQM	24978	>NOTCH1-R1 KSDAHGQQM	56	24922
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>NOTCH1-R1 KRDAHGQQM	146	>NOTCH1-R1 KSDAHGQQM	23334	23188
>NOTCH1-R1 KRDAHGQQM	20748	>NOTCH1-R1 KSDAHGQQM	102	20646
>NOTCH1-R1 KRDAHGQQM	20314	>NOTCH1-R1 KSDAHGQQM	149	20165
>NOTCH1-R1 KRDAHGQQM	14419	>NOTCH1-R1 KSDAHGQQM	17	14402
>NOTCH1-R1 KRDAHGQQM	12302	>NOTCH1-R1 KSDAHGQQM	487	11815
>NOTCH1-R1 KRDAHGQQM	135	>NOTCH1-R1 KSDAHGQQM	17102	16967
>NOTCH1-R1 KRDAHGQQM	375	>NOTCH1-R1 KSDAHGQQM	16924	16549

>NOTCH1-R1 KRDAHGQQM	230	>NOTCH1-R1 KSDAHGQQM	22617	22387
>NOTCH1-R1 KRDAHGQQM	22827	>NOTCH1-R1 KSDAHGQQM	268	22559
>NOTCH1-R1 RVLHTNVVFK	296	>NOTCH1-R1 RVLHTNVVFK	14595	14299
>NOTCH1-R1 RVLHTNVVFK	63	>NOTCH1-R1 RVLHTNVVFK	9881	9818
>NOTCH1-R1 RVLHTNVVFK	208	>NOTCH1-R1 RVLHTNVVFK	586	378
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>NOTCH1-R1 RVLHTNVVFK	143	>NOTCH1-R1 RVLHTNVVFK	28958	28815
>NOTCH1-R1 RVLHTNVVFK	76	>NOTCH1-R1 RVLHTNVVFK	17408	17332
>NOTCH1-R1 FKRDHAGQQ	17	>NOTCH1-R1 FKSDAHGQQ	39	22
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>NOTCH1-R1 NVVFKRDA	1343	>NOTCH1-R1 NVVFKSDA	419	924
>NOTCH1-R1 HTNVVFKR	175	>NOTCH1-R1 HTNVVFKS	16652	16477
>NOTCH1-R1 HTNVVFKR	7	>NOTCH1-R1 HTNVVFKS	2923	2916
>NOTCH1-R1 HTNVVFKR	20	>NOTCH1-R1 HTNVVFKS	11972	11952
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>NOTCH1-R1 VLHTNVVFKF	3443	>NOTCH1-R1 VLHTNVVFKS	433	3010
>NOTCH1-R1 VLHTNVVFKF	62	>NOTCH1-R1 VLHTNVVFKS	23760	23698
>NOTCH1-R1 VLHTNVVFKF	381	>NOTCH1-R1 VLHTNVVFKS	26845	26464
>NOTCH1-R1 VLHTNVVFKF	246	>NOTCH1-R1 VLHTNVVFKS	30419	30173
>NOTCH1-R1 RKHPIKRAA	452	>NOTCH1-R1 HKHPIKRAA	1777	1325
>NOTCH1-R1 FPYYGREEELI	73	>NOTCH1-R1 FPYYGREEELI	9680	9607
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>NOTCH1-R1 ELRKHPIK	467	>NOTCH1-R1 ELKHPIK	518	51
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>NOTCH1-R1 ELRKHPIKR	534	>NOTCH1-R1 ELKHPIKR	95	439
>NOTCH1-R1 ELRKHPIKRA/	162	>NOTCH1-R1 ELKHPIKRA/	462	300
>NOTCH1-R1 ELRKHPIKR	192	>NOTCH1-R1 ELKHPIKR	69	123
>NOTCH1-R1 EELRKHPI	53	>NOTCH1-R1 EELKHPI	36	17
>NOTCH1-R1 EELRKHPI	674	>NOTCH1-R1 EELKHPI	348	326
>NOTCH1-R1 EELRKHPI	523	>NOTCH1-R1 EELKHPI	349	174
>NOTCH1-R1 EELRKHPI	110	>NOTCH1-R1 EELKHPI	136	26
>NOTCH1-R1 EELRKHPIKR/	33	>NOTCH1-R1 EELKHPIKR/	43	10
>NOTCH1-R1 EELRKHPI	395	>NOTCH1-R1 EELKHPI	634	239
>NOTCH1-R1 EELRKHPIKR	634	>NOTCH1-R1 EELKHPIKR	353	281
>NOTCH1-R1 EEELRKHP	1165	>NOTCH1-R1 EEELKHHP	419	746
>NOTCH1-R1 EEELRKHPI	7	>NOTCH1-R1 EEELKHPI	10	3
>NOTCH1-R1 EEELRKHPI	871	>NOTCH1-R1 EEELKHPI	206	665



>NOTCH1-R1 EEELRKHPI	485	>NOTCH1-R1 EEELHKHPI	151	334
>NOTCH1-R1 EEELRKHPI	1504	>NOTCH1-R1 EEELHKHPI	381	1123
>NOTCH1-R1 REEELRKHPI	12	>NOTCH1-R1 REEELHKHPI	23	11
>NOTCH1-R1 REEELRKHPI	48	>NOTCH1-R1 REEELHKHPI	65	17
>NOTCH1-R1 REEELRKHPI	521	>NOTCH1-R1 REEELHKHPI	349	172
>NOTCH1-R1 REEELRKHPI	214	>NOTCH1-R1 REEELHKHPI	256	42
>NOTCH1-R1 REEELRKHPI	27	>NOTCH1-R1 REEELHKHPI	17	10
>NOTCH1-R1 YGREEELRK	1212	>NOTCH1-R1 YGREEELHK	492	720
>NOTCH1-R1 YGREEELRK	667	>NOTCH1-R1 YGREEELHK	316	351
>NOTCH1-R1 YGREEELR	74	>NOTCH1-R1 YGREEELH	27433	27359
>NOTCH1-R1 YGREEELRK	847	>NOTCH1-R1 YGREEELHK	370	477
>NOTCH1-R1 PYYGREEELR	64	>NOTCH1-R1 PYYGREEELH	25207	25143
>NOTCH1-R1 PYYGREEELR	867	>NOTCH1-R1 PYYGREEELH	441	426
>NOTCH1-R1 RKHPIKRAA	452	>NOTCH1-R1 QKHPIKRAA	2072	1620
>NOTCH1-R1 LRKHPIKR	8024	>NOTCH1-R1 LQKHPIKR	51	7973
>NOTCH1-R1 LRKHPIKRAA	21326	>NOTCH1-R1 LQKHPIKRAA	472	20854
>NOTCH1-R1 LRKHPIKR	1883	>NOTCH1-R1 LQKHPIKR	485	1398
>NOTCH1-R1 LRKHPIKRAA	1122	>NOTCH1-R1 LQKHPIKRAA	312	810
>NOTCH1-R1 FPYYGREEELR	73	>NOTCH1-R1 FPYYGREEELH	7566	7493
>NOTCH1-R1 FPYYGREEELR	438	>NOTCH1-R1 FPYYGREEELH	238	200
>NOTCH1-R1 ELRKHPIK	467	>NOTCH1-R1 ELQKHPIK	2164	1697
>NOTCH1-R1 ELRKHPIK	140	>NOTCH1-R1 ELQKHPIK	10788	10648
>NOTCH1-R1 ELRKHPIKR	257	>NOTCH1-R1 ELQKHPIKR	744	487
>NOTCH1-R1 ELRKHPIKR	534	>NOTCH1-R1 ELQKHPIKR	291	243
>NOTCH1-R1 ELRKHPIKRAA	162	>NOTCH1-R1 ELQKHPIKRAA	1299	1137
>NOTCH1-R1 ELRKHPIKR	192	>NOTCH1-R1 ELQKHPIKR	147	45
>NOTCH1-R1 EELRKHPI	53	>NOTCH1-R1 EELQKHPI	40	13
>NOTCH1-R1 EELRKHPI	674	>NOTCH1-R1 EELQKHPI	445	229
>NOTCH1-R1 EELRKHPI	523	>NOTCH1-R1 EELQKHPI	274	249
>NOTCH1-R1 EELRKHPI	110	>NOTCH1-R1 EELQKHPI	78	32
>NOTCH1-R1 EELRKHPIKRAA	33	>NOTCH1-R1 EELQKHPIKRAA	25	8
>NOTCH1-R1 EELRKHPI	395	>NOTCH1-R1 EELQKHPI	156	239
>NOTCH1-R1 EELRKHPIKR	634	>NOTCH1-R1 EELQKHPIKR	223	411
>NOTCH1-R1 EEELRKHPI	7	>NOTCH1-R1 EEELQKHPI	8	1
>NOTCH1-R1 EEELRKHPI	871	>NOTCH1-R1 EEELQKHPI	492	379
>NOTCH1-R1 EEELRKHPI	485	>NOTCH1-R1 EEELQKHPI	465	20
>NOTCH1-R1 REEELRKHPI	12	>NOTCH1-R1 REEELQKHPI	16	4
>NOTCH1-R1 REEELRKHPI	48	>NOTCH1-R1 REEELQKHPI	52	4
>NOTCH1-R1 REEELRKHPI	214	>NOTCH1-R1 REEELQKHPI	578	364
>NOTCH1-R1 REEELRKHPI	27	>NOTCH1-R1 REEELQKHPI	15	12
>NOTCH1-R1 YGREEELRK	667	>NOTCH1-R1 YGREEELQK	215	452
>NOTCH1-R1 YGREEELR	74	>NOTCH1-R1 YGREEELQ	15729	15655
>NOTCH1-R1 PYYGREEELR	64	>NOTCH1-R1 PYYGREEELQ	13531	13467

>NOTCH1-R1 RAAEGWAA	25	>NOTCH1-R1 LAAEGWAA	26	1
>NOTCH1-R1 RAAEGWAAP	336	>NOTCH1-R1 LAAEGWAAP	418	82
>NOTCH1-R1 RAAEGWAA	3514	>NOTCH1-R1 LAAEGWAA	446	3068
>NOTCH1-R1 RAAEGWAA	10621	>NOTCH1-R1 LAAEGWAA	377	10244
>NOTCH1-R1 KRAAEGWA	23387	>NOTCH1-R1 KLAAEGWA	287	23100
>NOTCH1-R1 KRAAEGWAA	21734	>NOTCH1-R1 KLAAEGWAA	24	21710
>NOTCH1-R1 KRAAEGWA	17379	>NOTCH1-R1 KLAAEGWA	24	17355
>NOTCH1-R1 KRAAEGWAA	8511	>NOTCH1-R1 KLAAEGWAA	7	8504
>NOTCH1-R1 KRAAEGWA	17019	>NOTCH1-R1 KLAAEGWA	26	16993
>NOTCH1-R1 KRAAEGWAA	16195	>NOTCH1-R1 KLAAEGWAA	15	16180
>NOTCH1-R1 KRAAEGWA	16689	>NOTCH1-R1 KLAAEGWA	434	16255
>NOTCH1-R1 KRAAEGWAA	3681	>NOTCH1-R1 KLAAEGWAA	10	3671
>NOTCH1-R1 KRAAEGWA	25084	>NOTCH1-R1 KLAAEGWA	138	24946
>NOTCH1-R1 KRAAEGWAA	15338	>NOTCH1-R1 KLAAEGWAA	7	15331
>NOTCH1-R1 KRAAEGWAA	16766	>NOTCH1-R1 KLAAEGWAA	11	16755
>NOTCH1-R1 KRAAEGWA	23002	>NOTCH1-R1 KLAAEGWA	90	22912
>NOTCH1-R1 KRAAEGWAA	20175	>NOTCH1-R1 KLAAEGWAA	13	20162
>NOTCH1-R1 KRAAEGWAA	20026	>NOTCH1-R1 KLAAEGWAA	248	19778
>NOTCH1-R1 KRAAEGWA	32400	>NOTCH1-R1 KLAAEGWA	36	32364
>NOTCH1-R1 KRAAEGWAA	29734	>NOTCH1-R1 KLAAEGWAA	8	29726
>NOTCH1-R1 EEELRKHPIKF	21737	>NOTCH1-R1 EEELRKHPIKL	459	21278
>NOTCH1-R1 IKRAAEGW	357	>NOTCH1-R1 IKLAAEGW	550	193
>NOTCH1-R1 IKRAAEGWA/	213	>NOTCH1-R1 IKLAAEGWA/	304	91
>NOTCH1-R1 IKRAAEGW	354	>NOTCH1-R1 IKLAAEGW	200	154
>NOTCH1-R1 HPIKRAAEGV	249	>NOTCH1-R1 HPIKLAAEGV	936	687
>NOTCH1-R1 HPIKRAAE	1083	>NOTCH1-R1 HPIKLAAE	378	705
>NOTCH1-R1 HPIKRAAEG	1626	>NOTCH1-R1 HPIKLAAEG	315	1311
>NOTCH1-R1 HPIKRAAEGV	683	>NOTCH1-R1 HPIKLAAEGV	271	412
>NOTCH1-R1 HPIKRAAEGV	185	>NOTCH1-R1 HPIKLAAEGV	115	70
>NOTCH1-R1 HPIKRAAEGV	43	>NOTCH1-R1 HPIKLAAEGV	33	10
>NOTCH1-R1 HPIKRAAEGV	314	>NOTCH1-R1 HPIKLAAEGV	196	118
>NOTCH1-R1 KHPIKRAAEG	126	>NOTCH1-R1 KHPIKLAAEG'	121	5
>NOTCH1-R1 RKHPIKRAA	452	>NOTCH1-R1 RKHPIKLAA	277	175
>NOTCH1-R1 LRKHPIKR	1883	>NOTCH1-R1 LRKHPIKL	185	1698
>NOTCH1-R1 ELRKHPIKR	257	>NOTCH1-R1 ELRKHPIKL	24449	24192
>NOTCH1-R1 ELRKHPIKR	11235	>NOTCH1-R1 ELRKHPIKL	79	11156
>NOTCH1-R1 ELRKHPIKRA/	162	>NOTCH1-R1 ELRKHPIKLA/	157	5
>NOTCH1-R1 ELRKHPIKR	192	>NOTCH1-R1 ELRKHPIKL	32663	32471
>NOTCH1-R1 EELRKHPIKR/	33	>NOTCH1-R1 EELRKHPIKLA	34	1
>NOTCH1-R1 EELRKHPIKR	27080	>NOTCH1-R1 EELRKHPIKL	268	26812
>NOTCH1-R1 RRRELDPM	148	>NOTCH1-R1 LRRELDPM	425	277
>NOTCH1-R1 RRRELDPMD'	363	>NOTCH1-R1 LRRELDPMD\	782	419
>NOTCH1-R1 RRRELDPM	58	>NOTCH1-R1 LRRELDPM	526	468

>NOTCH1-R1 RRRELDPM D'	34	>NOTCH1-R1 LRRELDPM D\	820	786
>NOTCH1-R1 RRRELDPM D'	285	>NOTCH1-R1 LRRELDPM D\	2705	2420
>NOTCH1-R1 RRRELDPM	18	>NOTCH1-R1 LRRELDPM	1892	1874
>NOTCH1-R1 RRRELDPM D	246	>NOTCH1-R1 LRRELDPM D	11943	11697
>NOTCH1-R1 RRRELDPM D'	34	>NOTCH1-R1 LRRELDPM D\	1692	1658
>NOTCH1-R1 RRRELDPM D'	213	>NOTCH1-R1 LRRELDPM D\	10134	9921
>NOTCH1-R1 RRRELDPM	72	>NOTCH1-R1 LRRELDPM	1282	1210
>NOTCH1-R1 RRRELDPM D'	29	>NOTCH1-R1 LRRELDPM D\	351	322
>NOTCH1-R1 RRRRELDPM I	17845	>NOTCH1-R1 RLRRELDPM I	23	17822
>NOTCH1-R1 RRRRELDPM I	26122	>NOTCH1-R1 RLRRELDPM I	137	25985
>NOTCH1-R1 RRRRELDPM I	23370	>NOTCH1-R1 RLRRELDPM I	198	23172
>NOTCH1-R1 RRRRELDPM I	24010	>NOTCH1-R1 RLRRELDPM I	346	23664
>NOTCH1-R1 RRRRELDPM I	21724	>NOTCH1-R1 RLRRELDPM I	12	21712
>NOTCH1-R1 RRRRELDPM	1609	>NOTCH1-R1 RLRRELDPM	61	1548
>NOTCH1-R1 RRRRELDPM I	985	>NOTCH1-R1 RLRRELDPM I	56	929
>NOTCH1-R1 RRRRELDPM	14169	>NOTCH1-R1 RLRRELDPM	125	14044
>NOTCH1-R1 RRRRELDPM	87	>NOTCH1-R1 RLRRELDPM	392	305
>NOTCH1-R1 RRRRELDPM I	192	>NOTCH1-R1 RLRRELDPM I	743	551
>NOTCH1-R1 RRRRELDPM	82	>NOTCH1-R1 RLRRELDPM	7042	6960
>NOTCH1-R1 RRRRELDPM I	303	>NOTCH1-R1 RLRRELDPM I	27818	27515
>NOTCH1-R1 RRRRELDPM	65	>NOTCH1-R1 RLRRELDPM	6659	6594
>NOTCH1-R1 RRRRELDPM	134	>NOTCH1-R1 RLRRELDPM	8690	8556
>NOTCH1-R1 RRRRELDPM I	79	>NOTCH1-R1 RLRRELDPM I	10567	10488
>NOTCH1-R1 RRRRELDPM I	69	>NOTCH1-R1 RLRRELDPM I	7741	7672
>NOTCH1-R1 RRRRELDPM I	340	>NOTCH1-R1 RLRRELDPM I	22212	21872
>NOTCH1-R1 RRRRELDPM I	464	>NOTCH1-R1 RLRRELDPM I	12483	12019
>NOTCH1-R1 LLPGGSEGGR	18755	>NOTCH1-R1 LLPGGSEGGR	140	18615
>NOTCH1-R1 LLPGGSEGGR	19629	>NOTCH1-R1 LLPGGSEGGR	173	19456
>NOTCH1-R1 LLPGGSEGGR	13031	>NOTCH1-R1 LLPGGSEGGR	34	12997
>NOTCH1-R1 LLPGGSEGGR	19374	>NOTCH1-R1 LLPGGSEGGR	256	19118
>NOTCH1-R1 LLPGGSEGGR	4786	>NOTCH1-R1 LLPGGSEGGR	6	4780
>NOTCH1-R1 GRRRRELDPM	510	>NOTCH1-R1 GRLRRELDPM	361	149
>NOTCH1-R1 EGGRRRREL	493	>NOTCH1-R1 EGGRLRREL	8130	7637
>NOTCH1-R1 SEGGRRRREL	254	>NOTCH1-R1 SEGGRLRREL	165	89
>NOTCH1-R1 SEGGRRRREL	479	>NOTCH1-R1 SEGGRLRREL	572	93
>NOTCH1-R2 LRGSVAPGPL	23414	>NOTCH1-R2 LWGSVAPGP	481	22933
>NOTCH1-R2 LRGSVAPGPL	177	>NOTCH1-R2 LWGSVAPGP	13846	13669
>NOTCH1-R2 LRGSVAPGPL	30015	>NOTCH1-R2 LWGSVAPGP	434	29581
>NOTCH1-R2 GMVPNQYNI	45	>NOTCH1-R2 GMVPNQYNI	17633	17588
>NOTCH1-R2 GMVPNQYNI	393	>NOTCH1-R2 GMVPNQYNI	33765	33372
>NOTCH1-R2 GMVPNQYNI	24184	>NOTCH1-R2 GMVPNQYNI	36	24148
>NOTCH1-R2 GMVPNQYNI	24962	>NOTCH1-R2 GMVPNQYNI	447	24515
>NOTCH1-R2 GMVPNQYNI	21117	>NOTCH1-R2 GMVPNQYNI	25	21092

>NOTCH1-R2 GMVFNQYNI	33445	>NOTCH1-R2 GMVFNQYNI	451	32994
>NOTCH1-R2 GMVFNQYNI	188	>NOTCH1-R2 GMVFNQYNI	32394	32206
>NOTCH1-R2 PLRGSVAPGF	1730	>NOTCH1-R2 PLWGSVAPG	18	1712
>NOTCH1-R2 PLRGSVAPGF	7115	>NOTCH1-R2 PLWGSVAPG	57	7058
>NOTCH1-R2 PLRGSVAPGF	10040	>NOTCH1-R2 PLWGSVAPG	72	9968
>NOTCH1-R2 PLRGSVAPGF	230	>NOTCH1-R2 PLWGSVAPG	31	199
>NOTCH1-R2 NPLRGSVA	225	>NOTCH1-R2 NPLWGSVA	287	62
>NOTCH1-R2 NPLRGSVA	1970	>NOTCH1-R2 NPLWGSVA	389	1581
>NOTCH1-R2 NPLRGSVAP	1569	>NOTCH1-R2 NPLWGSVAP	170	1399
>NOTCH1-R2 NPLRGSVA	89	>NOTCH1-R2 NPLWGSVA	25	64
>NOTCH1-R2 NPLRGSVAP	1503	>NOTCH1-R2 NPLWGSVAP	262	1241
>NOTCH1-R2 QYNPLRGSV	6	>NOTCH1-R2 QYNPLWGSV	7	1
>NOTCH1-R2 QYNPLRGSV	203	>NOTCH1-R2 QYNPLWGSV	408	205
>NOTCH1-R2 NQYNPLRGS\	376	>NOTCH1-R2 NQYNPLWGS	254	122
>NOTCH1-R2 NQYNPLRGS\	72	>NOTCH1-R2 NQYNPLWGS	39	33
>NOTCH1-R2 NQYNPLRGS\	400	>NOTCH1-R2 NQYNPLWGS	228	172
>NOTCH1-R2 NQYNPLRGS	3389	>NOTCH1-R2 NQYNPLWGS	23	3366
>NOTCH1-R2 NQYNPLRGS\	332	>NOTCH1-R2 NQYNPLWGS	185	147
>NOTCH1-R2 NQYNPLRGS\	443	>NOTCH1-R2 NQYNPLWGS	78	365
>NOTCH1-R2 NQYNPLRGS\	230	>NOTCH1-R2 NQYNPLWGS	26	204
>NOTCH1-R2 NQYNPLRGS\	1846	>NOTCH1-R2 NQYNPLWGS	275	1571
>NOTCH1-R2 NQYNPLRGS\	3637	>NOTCH1-R2 NQYNPLWGS	234	3403
>NOTCH1-R2 NQYNPLRGS\	185	>NOTCH1-R2 NQYNPLWGS	390	205
>NOTCH1-R2 NQYNPLRGS\	1779	>NOTCH1-R2 NQYNPLWGS	362	1417
>NOTCH1-R2 NQYNPLRGS\	763	>NOTCH1-R2 NQYNPLWGS	399	364
>NOTCH1-R2 NQYNPLRGS\	361	>NOTCH1-R2 NQYNPLWGS	407	46
>NOTCH1-R2 NQYNPLRGS\	346	>NOTCH1-R2 NQYNPLWGS	311	35
>NOTCH1-R2 VPNQYNPLR	15506	>NOTCH1-R2 VPNQYNPLW	17	15489
>NOTCH1-R2 VPNQYNPLR	19180	>NOTCH1-R2 VPNQYNPLW	9	19171
>NOTCH1-R2 VPNQYNPLR	32352	>NOTCH1-R2 VPNQYNPLW	275	32077
>NOTCH1-R2 MVPNQYNPL	265	>NOTCH1-R2 MVPNQYNPL	29278	29013
>NOTCH1-R2 MVPNQYNPL	9	>NOTCH1-R2 MVPNQYNPL	23182	23173
>NOTCH1-R2 MVPNQYNPL	26655	>NOTCH1-R2 MVPNQYNPL	227	26428
>NOTCH1-R2 MVPNQYNPL	285	>NOTCH1-R2 MVPNQYNPL	29338	29053
>NOTCH1-S1 SRVLHTNVVF	26	>NOTCH1-S1 IRVLHTNVVF	15	11
>NOTCH1-S1 SRVLHTNVVF	115	>NOTCH1-S1 IRVLHTNVVF	122	7
>NOTCH1-S1 SRVLHTNVVF	285	>NOTCH1-S1 IRVLHTNVVF	397	112
>NOTCH1-S1 SRVLHTNVV	295	>NOTCH1-S1 IRVLHTNVV	1814	1519
>NOTCH1-S1 SRVLHTNVVF	285	>NOTCH1-S1 IRVLHTNVVF	1686	1401
>NOTCH1-S1 SRVLHTNVV	283	>NOTCH1-S1 IRVLHTNVV	500	217
>NOTCH1-S1 SRVLHTNVVF	203	>NOTCH1-S1 IRVLHTNVVF	262	59
>NOTCH1-S1 LSRVLHTNV	5081	>NOTCH1-S1 LIRVLHTNV	192	4889
>NOTCH1-S1 LSRVLHTNVV	7422	>NOTCH1-S1 LIRVLHTNVV	386	7036

>NOTCH1-S1 LSRVLHTNV	17304	>NOTCH1-S1 LIRVLHTNV	31	17273
>NOTCH1-S1 LSRVLHTNVV	19847	>NOTCH1-S1 LIRVLHTNVV	86	19761
>NOTCH1-S1 LSRVLHTNV	42	>NOTCH1-S1 LIRVLHTNV	113	71
>NOTCH1-S1 LSRVLHTNVV	35	>NOTCH1-S1 LIRVLHTNVV	89	54
>NOTCH1-S1 LSRVLHTNVV	45	>NOTCH1-S1 LIRVLHTNVVI	51	6
>NOTCH1-S1 LSRVLHTNV	451	>NOTCH1-S1 LIRVLHTNV	1797	1346
>NOTCH1-S1 LSRVLHTNVV	424	>NOTCH1-S1 LIRVLHTNVV	1717	1293
>NOTCH1-S1 LSRVLHTNVV	8	>NOTCH1-S1 LIRVLHTNVVI	27	19
>NOTCH1-S1 LSRVLHTNV	103	>NOTCH1-S1 LIRVLHTNV	11859	11756
>NOTCH1-S1 LSRVLHTNVV	3	>NOTCH1-S1 LIRVLHTNVVI	233	230
>NOTCH1-S1 LSRVLHTNVV	396	>NOTCH1-S1 LIRVLHTNVVI	10652	10256
>NOTCH1-S1 LSRVLHTNVV	344	>NOTCH1-S1 LIRVLHTNVVI	9635	9291
>NOTCH1-S1 LSRVLHTNV	98	>NOTCH1-S1 LIRVLHTNV	1775	1677
>NOTCH1-S1 LSRVLHTNVV	153	>NOTCH1-S1 LIRVLHTNVV	3489	3336
>NOTCH1-S1 LSRVLHTNVV	15	>NOTCH1-S1 LIRVLHTNVVI	173	158
>NOTCH1-S1 NSSFHFLRELS	1943	>NOTCH1-S1 NSSFHFLRELI	53	1890
>NOTCH1-S1 NSSFHFLRELS	32676	>NOTCH1-S1 NSSFHFLRELI	292	32384
>NOTCH1-S1 ELSRVLHTNV	322	>NOTCH1-S1 ELIRVLHTNV	452	130
>NOTCH1-S1 ELSRVLHTNV	63	>NOTCH1-S1 ELIRVLHTNV\	183	120
>NOTCH1-S1 ELSRVLHTNV	97	>NOTCH1-S1 ELIRVLHTNV	74	23
>NOTCH1-S1 ELSRVLHTNV	77	>NOTCH1-S1 ELIRVLHTNV\	58	19
>NOTCH1-S1 ELSRVLHTNV	1548	>NOTCH1-S1 ELIRVLHTNV\	307	1241
>NOTCH1-S1 ELSRVLHTNV	27	>NOTCH1-S1 ELIRVLHTNV	15	12
>NOTCH1-S1 ELSRVLHTNV	38	>NOTCH1-S1 ELIRVLHTNV\	20	18
>NOTCH1-S1 ELSRVLHTNV	231	>NOTCH1-S1 ELIRVLHTNV	92	139
>NOTCH1-S1 ELSRVLHTNV	51	>NOTCH1-S1 ELIRVLHTNV\	15	36
>NOTCH1-S1 ELSRVLHTNV	31	>NOTCH1-S1 ELIRVLHTNV	35	4
>NOTCH1-S1 ELSRVLHTNV	73	>NOTCH1-S1 ELIRVLHTNV\	81	8
>NOTCH1-S1 ELSRVLHTNV	30	>NOTCH1-S1 ELIRVLHTNV	110	80
>NOTCH1-S1 ELSRVLHTNV	17	>NOTCH1-S1 ELIRVLHTNV\	63	46
>NOTCH1-S1 ELSRVLHTNV	4	>NOTCH1-S1 ELIRVLHTNV	5	1
>NOTCH1-S1 ELSRVLHTNV	8	>NOTCH1-S1 ELIRVLHTNV\	10	2
>NOTCH1-S1 ELSRVLHTNV	7413	>NOTCH1-S1 ELIRVLHTNV\	242	7171
>NOTCH1-S1 ELSRVLHTNV	411	>NOTCH1-S1 ELIRVLHTNV	384	27
>NOTCH1-S1 ELSRVLHTNV	59	>NOTCH1-S1 ELIRVLHTNV\	42	17
>NOTCH1-S1 ELSRVLHTNV	58	>NOTCH1-S1 ELIRVLHTNV	23	35
>NOTCH1-S1 ELSRVLHTNV	153	>NOTCH1-S1 ELIRVLHTNV\	48	105
>NOTCH1-S1 RELSRVLHTN	584	>NOTCH1-S1 RELIRVLHTN\	305	279
>NOTCH1-S1 RELSRVLHTN	466	>NOTCH1-S1 RELIRVLHTN\	1860	1394
>NOTCH1-S1 RELSRVLHTN	210	>NOTCH1-S1 RELIRVLHTN\	492	282
>NOTCH1-S1 RELSRVLHT	339	>NOTCH1-S1 RELIRVLHT	220	119
>NOTCH1-S1 RELSRVLHTN	327	>NOTCH1-S1 RELIRVLHTN	468	141
>NOTCH1-S1 RELSRVLHTN	74	>NOTCH1-S1 RELIRVLHTN\	50	24

>NOTCH1-S1 RELSRVLHTN	276	>NOTCH1-S1 RELIRVLHTN\	338	62
>NOTCH1-S1 RELSRVLHT	33	>NOTCH1-S1 RELIRVLHT	63	30
>NOTCH1-S1 RELSRVLHTN	8	>NOTCH1-S1 RELIRVLHTN\	10	2
>NOTCH1-S1 LRELSRVL	1261	>NOTCH1-S1 LRELIRVL	419	842
>NOTCH1-S1 LRELSRVLH	2085	>NOTCH1-S1 LRELIRVLH	478	1607
>NOTCH1-S1 FLRELSRV	40	>NOTCH1-S1 FLRELIRV	20	20
>NOTCH1-S1 FLRELSRVL	1079	>NOTCH1-S1 FLRELIRVL	301	778
>NOTCH1-S1 FLRELSRV	8	>NOTCH1-S1 FLRELIRV	13	5
>NOTCH1-S1 FLRELSRVL	89	>NOTCH1-S1 FLRELIRVL	92	3
>NOTCH1-S1 FLRELSRV	2	>NOTCH1-S1 FLRELIRV	3	1
>NOTCH1-S1 FLRELSRVL	11	>NOTCH1-S1 FLRELIRVL	7	4
>NOTCH1-S1 FLRELSRVLHT	29	>NOTCH1-S1 FLRELIRVLHT	25	4
>NOTCH1-S1 FLRELSRV	26	>NOTCH1-S1 FLRELIRV	16	10
>NOTCH1-S1 FLRELSRVL	1670	>NOTCH1-S1 FLRELIRVL	409	1261
>NOTCH1-S1 FLRELSRV	2	>NOTCH1-S1 FLRELIRV	2	0
>NOTCH1-S1 FLRELSRVL	15	>NOTCH1-S1 FLRELIRVL	5	10
>NOTCH1-S1 FLRELSRVLHT	200	>NOTCH1-S1 FLRELIRVLHT	86	114
>NOTCH1-S1 FLRELSRV	6	>NOTCH1-S1 FLRELIRV	5	1
>NOTCH1-S1 FLRELSRVL	53	>NOTCH1-S1 FLRELIRVL	30	23
>NOTCH1-S1 FLRELSRV	10	>NOTCH1-S1 FLRELIRV	7	3
>NOTCH1-S1 FLRELSRVL	200	>NOTCH1-S1 FLRELIRVL	91	109
>NOTCH1-S1 FLRELSRVLHT	627	>NOTCH1-S1 FLRELIRVLHT	492	135
>NOTCH1-S1 FLRELSRV	21	>NOTCH1-S1 FLRELIRV	12	9
>NOTCH1-S1 FLRELSRV	1	>NOTCH1-S1 FLRELIRV	1	0
>NOTCH1-S1 FLRELSRVL	8	>NOTCH1-S1 FLRELIRVL	3	5
>NOTCH1-S1 FLRELSRVLHT	35	>NOTCH1-S1 FLRELIRVLHT	19	16
>NOTCH1-S1 FLRELSRVL	282	>NOTCH1-S1 FLRELIRVL	917	635
>NOTCH1-S1 FLRELSRVL	65	>NOTCH1-S1 FLRELIRVL	75	10
>NOTCH1-S1 FLRELSRVL	123	>NOTCH1-S1 FLRELIRVL	280	157
>NOTCH1-S1 FLRELSRVL	470	>NOTCH1-S1 FLRELIRVL	1661	1191
>NOTCH1-S1 HFLRELSRVL	56	>NOTCH1-S1 HFLRELIRVL	35	21
>NOTCH1-S1 HFLRELSR	54	>NOTCH1-S1 HFLRELIR	59	5
>NOTCH1-S1 HFLRELSR	37	>NOTCH1-S1 HFLRELIR	97	60
>NOTCH1-S1 HFLRELSR	38	>NOTCH1-S1 HFLRELIR	34	4
>NOTCH1-S1 FHFLRELSRVL	251	>NOTCH1-S1 FHFLRELIRVL	340	89
>NOTCH1-S1 FHFLRELSRVL	86	>NOTCH1-S1 FHFLRELIRVL	86	0
>NOTCH1-S1 FHFLRELSRVL	13	>NOTCH1-S1 FHFLRELIRVL	16	3
>NOTCH1-S1 FHFLRELS	37591	>NOTCH1-S1 FHFLRELI	480	37111
>NOTCH1-S1 FHFLRELS	10148	>NOTCH1-S1 FHFLRELI	286	9862
>NOTCH1-S1 FHFLRELSR	536	>NOTCH1-S1 FHFLRELIR	406	130
>NOTCH1-S1 SFHFLRELS	29314	>NOTCH1-S1 SFHFLRELI	262	29052
>NOTCH1-S1 SFHFLRELS	12482	>NOTCH1-S1 SFHFLRELI	473	12009
>NOTCH1-S1 SFHFLRELSR	24	>NOTCH1-S1 SFHFLRELIR	38	14

>NOTCH1-S1 SFHFLELSR	70	>NOTCH1-S1 SFHFLELIR	125	55
>NOTCH1-S1 SFHFLELSR	211	>NOTCH1-S1 SFHFLELIR	267	56
>NOTCH1-S1 SFHFLELSR	358	>NOTCH1-S1 SFHFLELIR	562	204
>NOTCH1-S1 SFHFLELSR	74	>NOTCH1-S1 SFHFLELIR	66	8
>NOTCH1-S1 SFHFLELS	871	>NOTCH1-S1 SFHFLELI	119	752
>NOTCH1-S1 SSFHFLRELS	983	>NOTCH1-S1 SSFHFLRELI	305	678
>NOTCH1-S1 SSFHFLRELS	27137	>NOTCH1-S1 SSFHFLRELI	115	27022
>NOTCH1-S1 SSFHFLRELSR	31	>NOTCH1-S1 SSFHFLRELIR	49	18
>NOTCH1-S1 SSFHFLRELSR	41	>NOTCH1-S1 SSFHFLRELIR	51	10
>NOTCH1-S1 SSFHFLRELS	9875	>NOTCH1-S1 SSFHFLRELI	58	9817
>NOTCH1-S1 SSFHFLRELSR	424	>NOTCH1-S1 SSFHFLRELIR	1064	640
>NOTCH1-S1 SSFHFLRELSR	26	>NOTCH1-S1 SSFHFLRELIR	38	12
>NOTCH1-S1 SSFHFLRELS	10334	>NOTCH1-S1 SSFHFLRELI	100	10234
>NOTCH1-S1 SSFHFLRELS	13461	>NOTCH1-S1 SSFHFLRELI	429	13032
>NOTCH1-S1 SSFHFLRELSR	67	>NOTCH1-S1 SSFHFLRELIR	61	6
>NOTCH1-S1 SSFHFLRELSR	316	>NOTCH1-S1 SSFHFLRELIR	263	53
>NOTCH1-S1 SSFHFLRELS	33478	>NOTCH1-S1 SSFHFLRELI	111	33367
>NOTCH1-S1 SIVYLEIDNR	491	>NOTCH1-S1 PIVYLEIDNR	10111	9620
>NOTCH1-S1 SIVYLEIDNR	33	>NOTCH1-S1 PIVYLEIDNR	956	923
>NOTCH1-S1 SIVYLEIDNR	272	>NOTCH1-S1 PIVYLEIDNR	714	442
>NOTCH1-S1 GSIVYLEIDNR	263	>NOTCH1-S1 GPIVYLEIDNF	8465	8202
>NOTCH1-S1 GSIVYLEIDNR	215	>NOTCH1-S1 GPIVYLEIDNF	4062	3847
>NOTCH1-S1 GSIVYLEI	266	>NOTCH1-S1 GPIVYLEI	22938	22672
>NOTCH1-S1 GSIVYLEI	15567	>NOTCH1-S1 GPIVYLEI	394	15173
>NOTCH1-S1 GSIVYLEI	2919	>NOTCH1-S1 GPIVYLEI	438	2481
>NOTCH1-S1 GSIVYLEIDNR	170	>NOTCH1-S1 GPIVYLEIDNF	3797	3627
>NOTCH1-S1 GSIVYLEI	240	>NOTCH1-S1 GPIVYLEI	8195	7955
>NOTCH1-S1 RGSIVYLEI	321	>NOTCH1-S1 RGPIVYLEI	15498	15177
>NOTCH1-S1 RGSIVYLEI	17202	>NOTCH1-S1 RGPIVYLEI	268	16934
>NOTCH1-S1 RGSIVYLEI	213	>NOTCH1-S1 RGPIVYLEI	321	108
>NOTCH1-S1 VRGSIVYL	446	>NOTCH1-S1 VRGPIVYL	194	252
>NOTCH1-S1 VRGSIVYLEI	401	>NOTCH1-S1 VRGPIVYLEI	298	103
>NOTCH1-S1 DVRGSIVY	151	>NOTCH1-S1 DVRGPIVY	599	448
>NOTCH1-S1 DVRGSIVY	27	>NOTCH1-S1 DVRGPIVY	20	7
>NOTCH1-S1 DVRGSIVYL	80	>NOTCH1-S1 DVRGPIVYL	58	22
>NOTCH1-S1 DVRGSIVY	50	>NOTCH1-S1 DVRGPIVY	23	27
>NOTCH1-S1 DVRGSIVYL	867	>NOTCH1-S1 DVRGPIVYL	352	515
>NOTCH1-S1 DVRGSIVYL	390	>NOTCH1-S1 DVRGPIVYL	112	278
>NOTCH1-S1 DVRGSIVY	491	>NOTCH1-S1 DVRGPIVY	1291	800
>NOTCH1-S1 MDVRGSIVY	70	>NOTCH1-S1 MDVRGPIVY	219	149
>NOTCH1-S1 PMDVRGSIV	538	>NOTCH1-S1 PMDVRGPIV	270	268
>NOTCH1-S1 PMDVRGSIV	85	>NOTCH1-S1 PMDVRGPIV	56	29
>NOTCH1-S1 PMDVRGSIV	221	>NOTCH1-S1 PMDVRGPIV	28	193

>NOTCH1-S1 PMDVRGSIV\	150	>NOTCH1-S1 PMDVRGPIV\	93	57
>NOTCH1-S1 PMDVRGSIV\	284	>NOTCH1-S1 PMDVRGPIV\	228	56
>NOTCH1-S1 PMDVRGSIV	97	>NOTCH1-S1 PMDVRGPIV	52	45
>NOTCH1-S1 PMDVRGSIV\	138	>NOTCH1-S1 PMDVRGPIV\	115	23
>NOTCH1-S1 PMDVRGSIV\	650	>NOTCH1-S1 PMDVRGPIV\	486	164
>NOTCH1-S1 DPMDVRGSI	631	>NOTCH1-S1 DPMDVRGPI	130	501
>NOTCH1-S1 DPMDVRGSI	552	>NOTCH1-S1 DPMDVRGPI	246	306
>NOTCH1-S1 DPMDVRGSI\	1105	>NOTCH1-S1 DPMDVRGPI\	394	711
>NOTCH1-S1 DPMDVRGSI	106	>NOTCH1-S1 DPMDVRGPI	56	50
>NOTCH1-S1 DPMDVRGSI\	121	>NOTCH1-S1 DPMDVRGPI\	413	292
>NOTCH1-S1 DPMDVRGSI\	123	>NOTCH1-S1 DPMDVRGPI\	173	50
>NOTCH1-S1 DPMDVRGSI\	15	>NOTCH1-S1 DPMDVRGPI\	16	1
>NOTCH1-S1 DPMDVRGSI\	424	>NOTCH1-S1 DPMDVRGPI\	457	33
>NOTCH1-S1 DPMDVRGSI\	140	>NOTCH1-S1 DPMDVRGPI\	189	49
>NOTCH1-S1 DPMDVRGSI\	63	>NOTCH1-S1 DPMDVRGPI\	589	526
>NOTCH1-S1 LDPMDVRGS	254	>NOTCH1-S1 LDPMDVRGP	375	121
>NOTCH1-S1 ELDPMDVRG	384	>NOTCH1-S1 ELDPMDVRG	669	285
>NOTCH1-S1 ELDPMDVRG	927	>NOTCH1-S1 ELDPMDVRG	319	608
>NOTCH1-S2 SSGGALNFTV	373	>NOTCH1-S2 RSGGALNFTV	635	262
>NOTCH1-S2 SSGGALNFTV	378	>NOTCH1-S2 RSGGALNFTV	1598	1220
>NOTCH1-S2 SSGGALNF	1189	>NOTCH1-S2 RSGGALNF	91	1098
>NOTCH1-S2 SSGGALNFTV	1523	>NOTCH1-S2 RSGGALNFTV	258	1265
>NOTCH1-S2 SSGGALNFTV	413	>NOTCH1-S2 RSGGALNFTV	727	314
>NOTCH1-S2 SSGGALNFTV	366	>NOTCH1-S2 RSGGALNFTV	3022	2656
>NOTCH1-S2 SSGGALNF	789	>NOTCH1-S2 RSGGALNF	277	512
>NOTCH1-S2 SSGGALNF	1733	>NOTCH1-S2 RSGGALNF	267	1466
>NOTCH1-S2 SSGGALNF	20	>NOTCH1-S2 RSGGALNF	5	15
>NOTCH1-S2 SSGGALNFTV	4394	>NOTCH1-S2 RSGGALNFTV	293	4101
>NOTCH1-S2 SSGGALNF	1564	>NOTCH1-S2 RSGGALNF	35	1529
>NOTCH1-S2 SSGGALNF	543	>NOTCH1-S2 RSGGALNF	28	515
>NOTCH1-S2 SSGGALNFTV	724	>NOTCH1-S2 RSGGALNFTV	363	361
>NOTCH1-S2 SSSGGALNFT	186	>NOTCH1-S2 SRSGGALNFT	3444	3258
>NOTCH1-S2 SSSGGALNF	451	>NOTCH1-S2 SRSGGALNF	3859	3408
>NOTCH1-S2 SSSGGALNF	423	>NOTCH1-S2 SRSGGALNF	11927	11504
>NOTCH1-S2 SSSGGALNFT	111	>NOTCH1-S2 SRSGGALNFT	7363	7252
>NOTCH1-S2 SSSGGALNFT	336	>NOTCH1-S2 SRSGGALNFT	12513	12177
>NOTCH1-S2 SSSGGALNF	434	>NOTCH1-S2 SRSGGALNF	14680	14246
>NOTCH1-S2 SSSGGALNF	448	>NOTCH1-S2 SRSGGALNF	196	252
>NOTCH1-S2 SSSGGALNF	3	>NOTCH1-S2 SRSGGALNF	9788	9785
>NOTCH1-S2 SSSGGALNFT	135	>NOTCH1-S2 SRSGGALNFT	25439	25304
>NOTCH1-S2 SSSGGALNF	18230	>NOTCH1-S2 SRSGGALNF	260	17970
>NOTCH1-S2 SSSGGALNFT	20393	>NOTCH1-S2 SRSGGALNFT	461	19932
>NOTCH1-S2 SSSGGALNFT	4199	>NOTCH1-S2 SRSGGALNFT	154	4045



>NOTCH1-S2 SSSGGALNF	132	>NOTCH1-S2 SRSGGALNF	20332	20200
>NOTCH1-S2 SSSGGALNF	49	>NOTCH1-S2 SRSGGALNF	3442	3393
>NOTCH1-S2 SSSGGALNFT	221	>NOTCH1-S2 SRSGGALNFT	9627	9406
>NOTCH1-S2 SSSGGALNF	28104	>NOTCH1-S2 SRSGGALNF	467	27637
>NOTCH1-S2 ASGTSTVLGS	20687	>NOTCH1-S2 ASGTSTVLGS	372	20315
>NOTCH1-S2 GSSSGGAL	12481	>NOTCH1-S2 GSRSGGAL	330	12151
>NOTCH1-S2 GSSSGGALNF	11408	>NOTCH1-S2 GSRSGGALNF	253	11155
>NOTCH1-S2 GSSSGGAL	8518	>NOTCH1-S2 GSRSGGAL	339	8179
>NOTCH1-S2 GSSSGGALNF	332	>NOTCH1-S2 GSRSGGALNF	163	169
>NOTCH1-S2 GSSSGGALNF	171	>NOTCH1-S2 GSRSGGALNF	63	108
>NOTCH1-S2 GSSSGGAL	141	>NOTCH1-S2 GSRSGGAL	26	115
>NOTCH1-S2 GSSSGGALNF	4	>NOTCH1-S2 GSRSGGALNF	3	1
>NOTCH1-S2 GSSSGGALNF	495	>NOTCH1-S2 GSRSGGALNF	8677	8182
>NOTCH1-S2 GSSSGGALN	337	>NOTCH1-S2 GSRSGGALN	119	218
>NOTCH1-S2 GSSSGGALNF	61	>NOTCH1-S2 GSRSGGALNF	99	38
>NOTCH1-S2 GSSSGGALNF	603	>NOTCH1-S2 GSRSGGALNF	192	411
>NOTCH1-S2 LGSSSGALN	305	>NOTCH1-S2 LGSRSGGALN	479	174
>NOTCH1-S2 LGSSSGALN	174	>NOTCH1-S2 LGSRSGGALN	304	130
>NOTCH1-S2 LGSSSGALN	95	>NOTCH1-S2 LGSRSGGALN	254	159
>NOTCH1-S2 LGSSSGALN	329	>NOTCH1-S2 LGSRSGGALN	846	517
>NOTCH1-S2 VLGSSSGGAL	198	>NOTCH1-S2 VLGSRSGGAL	607	409
>NOTCH1-S2 VLGSSSGGA	68	>NOTCH1-S2 VLGSRSGGA	98	30
>NOTCH1-S2 VLGSSSGGAL	320	>NOTCH1-S2 VLGSRSGGAL	627	307
>NOTCH1-S2 VLGSSSGGA	142	>NOTCH1-S2 VLGSRSGGA	268	126
>NOTCH1-S2 VLGSSSGGAL	40	>NOTCH1-S2 VLGSRSGGAL	65	25
>NOTCH1-S2 VLGSSSGGAL	133	>NOTCH1-S2 VLGSRSGGAL	229	96
>NOTCH1-S2 VLGSSSGGA	372	>NOTCH1-S2 VLGSRSGGA	856	484
>NOTCH1-S2 VLGSSSGGAL	423	>NOTCH1-S2 VLGSRSGGAL	776	353
>NOTCH1-S2 VLGSSSGGA	54	>NOTCH1-S2 VLGSRSGGA	84	30
>NOTCH1-S2 VLGSSSGGAL	27	>NOTCH1-S2 VLGSRSGGAL	36	9
>NOTCH1-S2 VLGSSSGGAL	488	>NOTCH1-S2 VLGSRSGGAL	1114	626
>NOTCH1-S2 TVLGSSSGGA	261	>NOTCH1-S2 TVLGRSNGGA	595	334
>NOTCH1-S2 TVLGSSSGGA	485	>NOTCH1-S2 TVLGRSNGGA	495	10
>NOTCH1-S2 TVLGSSSGGA	170	>NOTCH1-S2 TVLGRSNGGA	717	547
>NOTCH1-S2 TVLGSSSGGA	170	>NOTCH1-S2 TVLGRSNGGA	508	338
>NOTCH1-S2 TVLGSSSGGA	800	>NOTCH1-S2 TVLGRSNGGA	400	400
>NOTCH1-S2 TVLGSSSGGA	495	>NOTCH1-S2 TVLGRSNGGA	1522	1027
>NOTCH1-S2 TVLGSSSGGA	490	>NOTCH1-S2 TVLGRSNGGA	940	450
>NOTCH1-S2 STVLGSSSGG	191	>NOTCH1-S2 STVLGRSNGG	605	414
>NOTCH1-S2 STVLGSSSG	344	>NOTCH1-S2 STVLGRSNG	5543	5199
>NOTCH1-S2 TSTVLGSS	20452	>NOTCH1-S2 TSTVLGSR	255	20197
>NOTCH1-S2 TSTVLGSS	21666	>NOTCH1-S2 TSTVLGSR	31	21635
>NOTCH1-S2 TSTVLGSSS	514	>NOTCH1-S2 TSTVLGSR	425	89

>NOTCH1-S2 GTSTVLGSS	19191	>NOTCH1-S2 GTSTVLGSR	261	18930
>NOTCH1-S2 GTSTVLGSS	20625	>NOTCH1-S2 GTSTVLGSR	243	20382
>NOTCH1-S2 GTSTVLGSS	26411	>NOTCH1-S2 GTSTVLGSR	53	26358
>NOTCH1-S2 GTSTVLGSSS	317	>NOTCH1-S2 GTSTVLGSR	2775	2458
>NOTCH1-S2 SLQPPPPPPQ	496	>NOTCH1-S2 NLQPPPPPPC	2988	2492
>NOTCH1-S2 SLQPPPPPPQ	103	>NOTCH1-S2 NLQPPPPPPC	934	831
>NOTCH1-S2 QPANIQQQQ	116	>NOTCH1-S2 QPANIQQQQ	566	450
>NOTCH1-S2 QPANIQQQQ	124	>NOTCH1-S2 QPANIQQQQ	881	757
>NOTCH1-S2 SQADVQPL	76	>NOTCH1-S2 GQADVQPL	155	79
>NOTCH1-S2 SQADVQPL	28	>NOTCH1-S2 GQADVQPL	37	9
>NOTCH1-S2 SQADVQPL	121	>NOTCH1-S2 GQADVQPL	167	46
>NOTCH1-S2 SQADVQPL	10	>NOTCH1-S2 GQADVQPL	24	14
>NOTCH1-S2 SQADVQPLG	266	>NOTCH1-S2 GQADVQPLG	797	531
>NOTCH1-S2 SQADVQPL	183	>NOTCH1-S2 GQADVQPL	420	237
>NOTCH1-S2 SQADVQPL	505	>NOTCH1-S2 GQADVQPL	330	175
>NOTCH1-S2 SQADVQPL	114	>NOTCH1-S2 GQADVQPL	261	147
>NOTCH1-S2 SQADVQPL	143	>NOTCH1-S2 GQADVQPL	231	88
>NOTCH1-S2 SQADVQPL	102	>NOTCH1-S2 GQADVQPL	310	208
>NOTCH1-S2 SQADVQPL	36	>NOTCH1-S2 GQADVQPL	204	168
>NOTCH1-S2 SQADVQPL	565	>NOTCH1-S2 GQADVQPL	240	325
>NOTCH1-S2 EPSQADVQ	187	>NOTCH1-S2 EPGQADVQ	1077	890
>NOTCH1-S2 EPSQADVQPI	189	>NOTCH1-S2 EPGQADVQP	2710	2521
>NOTCH1-S2 EPSQADVQPI	288	>NOTCH1-S2 EPGQADVQP	4894	4606
>NOTCH1-S2 GEPSQADVQ	306	>NOTCH1-S2 GEPGQADVC	123	183
>NOTCH1-S2 GEPSQADVQ	467	>NOTCH1-S2 GEPGQADVC	340	127
>NOTCH1-S2 GEPSQADVQ	54	>NOTCH1-S2 GEPGQADVC	155	101
>NOTCH1-S2 FLSGEPSQA	86	>NOTCH1-S2 FLSGEPGQA	407	321
>NOTCH1-S2 FLSGEPSQAD	22	>NOTCH1-S2 FLSGEPGQAE	33	11
>NOTCH1-S2 FLSGEPSQ	77	>NOTCH1-S2 FLSGEPGQ	127	50
>NOTCH1-S2 FLSGEPSQA	5	>NOTCH1-S2 FLSGEPGQA	10	5
>NOTCH1-S2 FLSGEPSQAD	3	>NOTCH1-S2 FLSGEPGQAE	5	2
>NOTCH1-S2 FLSGEPSQA	4	>NOTCH1-S2 FLSGEPGQA	5	1
>NOTCH1-S2 FLSGEPSQAD	3	>NOTCH1-S2 FLSGEPGQAE	3	0
>NOTCH1-S2 FLSGEPSQAD	68	>NOTCH1-S2 FLSGEPGQAE	89	21
>NOTCH1-S2 FLSGEPSQ	392	>NOTCH1-S2 FLSGEPGQ	373	19
>NOTCH1-S2 FLSGEPSQA	7	>NOTCH1-S2 FLSGEPGQA	13	6
>NOTCH1-S2 FLSGEPSQAD	3	>NOTCH1-S2 FLSGEPGQAE	3	0
>NOTCH1-S2 FLSGEPSQA	141	>NOTCH1-S2 FLSGEPGQA	936	795
>NOTCH1-S2 FLSGEPSQAD	8	>NOTCH1-S2 FLSGEPGQAE	10	2
>NOTCH1-S2 FLSGEPSQ	366	>NOTCH1-S2 FLSGEPGQ	346	20
>NOTCH1-S2 FLSGEPSQA	25	>NOTCH1-S2 FLSGEPGQA	83	58
>NOTCH1-S2 FLSGEPSQAD	6	>NOTCH1-S2 FLSGEPGQAE	6	0
>NOTCH1-S2 FLSGEPSQA	17	>NOTCH1-S2 FLSGEPGQA	155	138

>NOTCH1-S2 FLSGEPSQAD	4	>NOTCH1-S2 FLSGEPGQAE	5	1
>NOTCH1-S2 FLSGEPSQ	6	>NOTCH1-S2 FLSGEPGQ	9	3
>NOTCH1-S2 FLSGEPSQA	2	>NOTCH1-S2 FLSGEPGQA	5	3
>NOTCH1-S2 FLSGEPSQAD	1	>NOTCH1-S2 FLSGEPGQAE	2	1
>NOTCH1-S2 RSFLSGEPSQ	229	>NOTCH1-S2 RSFLSGEPGQ	291	62
>NOTCH1-S2 RSFLSGEPS	91	>NOTCH1-S2 RSFLSGEPG	195	104
>NOTCH1-S2 RSFLSGEPSQ	87	>NOTCH1-S2 RSFLSGEPGQ	79	8
>NOTCH1-S2 RSFLSGEPSQ	40	>NOTCH1-S2 RSFLSGEPGQ	113	73
>NOTCH1-S2 RSFLSGEPSQ	332	>NOTCH1-S2 RSFLSGEPGQ	1888	1556
>NOTCH1-S2 SPESPDQW	3296	>NOTCH1-S2 FPESPDQW	275	3021
>NOTCH1-S2 SPESPDQWS!	3139	>NOTCH1-S2 FPESPDQWS!	241	2898
>NOTCH1-S2 SPESPDQW	86	>NOTCH1-S2 FPESPDQW	11	75
>NOTCH1-S2 SPESPDQW	22	>NOTCH1-S2 FPESPDQW	6	16
>NOTCH1-S2 QVPEHPFLTP	1848	>NOTCH1-S2 QVPEHPFLTP	311	1537
>NOTCH1-S2 QVPEHPFLTP	11448	>NOTCH1-S2 QVPEHPFLTP	450	10998
>NOTCH1-S2 QVPEHPFLTP	12277	>NOTCH1-S2 QVPEHPFLTP	62	12215
>NOTCH1-S2 QVPEHPFLTP	13991	>NOTCH1-S2 QVPEHPFLTP	112	13879
>NOTCH1-S2 QVPEHPFLTP	15728	>NOTCH1-S2 QVPEHPFLTP	328	15400
>NOTCH1-S2 QVPEHPFLTP	7146	>NOTCH1-S2 QVPEHPFLTP	91	7055
>NOTCH1-S2 TSPESPQV	26	>NOTCH1-S2 TPFESPQV	16	10
>NOTCH1-S2 TSPESPQV	730	>NOTCH1-S2 TPFESPQV	253	477
>NOTCH1-S2 LTPSPESPQ'	58	>NOTCH1-S2 LTPFPESPQ'	86	28
>NOTCH1-S2 LTPSPESPQ'	126	>NOTCH1-S2 LTPFPESPQ'	161	35
>NOTCH1-S2 LTPSPESPQ'	341	>NOTCH1-S2 LTPFPESPQ'	614	273
>NOTCH1-S2 LTPSPESPQ	386	>NOTCH1-S2 LTPFPESPQ	1153	767
>NOTCH1-S2 LTPSPESPQ'	60	>NOTCH1-S2 LTPFPESPQ'	162	102
>NOTCH1-S2 FLTPSPES	1031	>NOTCH1-S2 FLTPFPES	348	683
>NOTCH1-S2 FLTPSPES	211	>NOTCH1-S2 FLTPFPES	71	140
>NOTCH1-S2 FLTPSPESP	245	>NOTCH1-S2 FLTPFPESP	60	185
>NOTCH1-S2 FLTPSPESPD(	994	>NOTCH1-S2 FLTPFPESPD(	492	502
>NOTCH1-S2 FLTPSPES	739	>NOTCH1-S2 FLTPFPES	271	468
>NOTCH1-S2 FLTPSPES	249	>NOTCH1-S2 FLTPFPES	106	143
>NOTCH1-S2 FLTPSPESP	1888	>NOTCH1-S2 FLTPFPESP	467	1421
>NOTCH1-S2 FLTPSPES	464	>NOTCH1-S2 FLTPFPES	439	25
>NOTCH1-S2 FLTPSPESPD(	509	>NOTCH1-S2 FLTPFPESPD(	398	111
>NOTCH1-S2 FLTPSPES	19	>NOTCH1-S2 FLTPFPES	15	4
>NOTCH1-S2 FLTPSPESP	468	>NOTCH1-S2 FLTPFPESP	446	22
>NOTCH1-S2 FLTPSPESPD(	13	>NOTCH1-S2 FLTPFPESPD(	11	2
>NOTCH1-S2 HPFLTPSPE	266	>NOTCH1-S2 HPFLTPFPE	175	91
>NOTCH1-S2 HPFLTPSPE	705	>NOTCH1-S2 HPFLTPFPE	220	485
>NOTCH1-S2 HPFLTPSPES	420	>NOTCH1-S2 HPFLTPFPES	309	111
>NOTCH1-S2 PEHPFLTPS	18518	>NOTCH1-S2 PEHPFLTPF	116	18402
>NOTCH1-S2 PEHPFLTPS	2157	>NOTCH1-S2 PEHPFLTPF	18	2139

>NOTCH1-S2 PEHPFLTPS	2106	>NOTCH1-S2 PEHPFLTPF	280	1826
>NOTCH1-S2 VPEHPFLTPS	1294	>NOTCH1-S2 VPEHPFLTPF	41	1253
>NOTCH1-S2 VPEHPFLTPS	13671	>NOTCH1-S2 VPEHPFLTPF	191	13480
>NOTCH1-S2 VPEHPFLTPS	10783	>NOTCH1-S2 VPEHPFLTPF	281	10502
>NOTCH1-S2 VPEHPFLTPS	256	>NOTCH1-S2 VPEHPFLTPF	805	549
>NOTCH1-S2 VPEHPFLTPS	9818	>NOTCH1-S2 VPEHPFLTPF	32	9786
>NOTCH1-T1 TTPLILAA	1908	>NOTCH1-T1 MTPILILAA	482	1426
>NOTCH1-T1 TTPLILAA	1788	>NOTCH1-T1 MTPILILAA	244	1544
>NOTCH1-T1 TTPLILAAR	57	>NOTCH1-T1 MTPILILAAR	16	41
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>NOTCH1-T1 TTPLILAARL	123	>NOTCH1-T1 MTPILILAARL	91	32
>NOTCH1-T1 TTPLILAARLA	62	>NOTCH1-T1 MTPILILAARL	23	39
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>NOTCH1-T1 TTPLILAA	97	>NOTCH1-T1 MTPILILAA	68	29
>NOTCH1-T1 TTPLILAAR	56	>NOTCH1-T1 MTPILILAAR	50	6
>NOTCH1-T1 TTPLILAARL	2	>NOTCH1-T1 MTPILILAARL	2	0
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>NOTCH1-T1 GTTPLILAARL	7819	>NOTCH1-T1 GMTPLILAAR	166	7653
>NOTCH1-T1 GTTPLILA	4138	>NOTCH1-T1 GMTPLILA	83	4055
>NOTCH1-T1 GTTPLILAA	3735	>NOTCH1-T1 GMTPLILAA	77	3658
>NOTCH1-T1 GTTPLILAARL	1135	>NOTCH1-T1 GMTPLILAAR	35	1100
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>NOTCH1-T1 GTTPLILAA	1723	>NOTCH1-T1 GMTPLILAA	22	1701
>NOTCH1-T1 GTTPLILAARL	4610	>NOTCH1-T1 GMTPLILAAR	79	4531
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>NOTCH1-T1 GTTPLILAARL	3241	>NOTCH1-T1 GMTPLILAAR	22	3219
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>NOTCH1-T1 GTTPLILAARL	10085	>NOTCH1-T1 GMTPLILAAR	38	10047
>NOTCH1-T1 GTTPLILA	5942	>NOTCH1-T1 GMTPLILA	32	5910
>NOTCH1-T1 GTTPLILAA	6180	>NOTCH1-T1 GMTPLILAA	26	6154
>NOTCH1-T1 GTTPLILAARL	4144	>NOTCH1-T1 GMTPLILAAR	27	4117
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>NOTCH1-T1 GTTPLILAARL	27	>NOTCH1-T1 GMTPLILAAR	2798	2771
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>NOTCH1-T1 DGTTPLILAA	376	>NOTCH1-T1 DGMTPLILAA	330	46
>NOTCH1-T1 HDGTTPLI	92	>NOTCH1-T1 HDGMTPLI	86	6
>NOTCH1-T1 MHDGTTPLIL	395	>NOTCH1-T1 MHDGMTPLI	517	122
>NOTCH1-T1 MHDGTTPL	7	>NOTCH1-T1 MHDGMTPL	9	2
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>NOTCH1-T1 RMHDGTTPL	752	>NOTCH1-T1 RMHDGMTP	477	275
>NOTCH1-T1 RMHDGTTPL	17	>NOTCH1-T1 RMHDGMTP	98	81
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>NOTCH1-T1 RMHDGTTPL	51	>NOTCH1-T1 RMHDGMTP	88	37
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>NOTCH1-T1 RMHDGTTPL	409	>NOTCH1-T1 RMHDGMTP	556	147
>NOTCH1-T1 RMHDGTTPL	221	>NOTCH1-T1 RMHDGMTP	216	5
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>NOTCH1-T2 TSLPSSLVPPV	866	>NOTCH1-T2 MSLPSSLVPP	99	767
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>NOTCH1-T2 TSLPSSLV	2093	>NOTCH1-T2 MSLPSSLV	214	1879
>NOTCH1-T2 TSLPSSLVPPV	651	>NOTCH1-T2 MSLPSSLVPP	65	586
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>NOTCH1-T2 TSLPSSLV	628	>NOTCH1-T2 MSLPSSLV	274	354
>NOTCH1-T2 PSLPSSLV	6170	>NOTCH1-T2 PMSLPSSLV	433	5737
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>NOTCH1-T2 PSLPSSL	22082	>NOTCH1-T2 PMSLPSSL	351	21731
>NOTCH1-T2 PSLPSSLV	9294	>NOTCH1-T2 PMSLPSSLV	30	9264
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>NOTCH1-T2 PSLPSSLV	398	>NOTCH1-T2 PMSLPSSLV	14736	14338
>NOTCH1-T2 ILPQESPALPT	922	>NOTCH1-T2 ILPQESPALPN	255	667
>NOTCH1-T2 ILPQESPALPT	299	>NOTCH1-T2 ILPQESPALPN	187	112
>NOTCH1-T2 ILPQESPALPT	14646	>NOTCH1-T2 ILPQESPALPN	375	14271
>NOTCH1-T2 ILPQESPALPT	11331	>NOTCH1-T2 ILPQESPALPN	94	11237
>NOTCH1-T2 LPSLPSSL	50	>NOTCH1-T2 LPMSLPSSL	30	20
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>NOTCH1-T2 LPSLPSSL	74	>NOTCH1-T2 LPMSLPSSL	47	27
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>NOTCH1-T2 LPSLPSSLV	36	>NOTCH1-T2 LPMSLPSSLV	15	21
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>NOTCH1-T2 ALPSLPSSLV	69	>NOTCH1-T2 ALPMSLPSSL'	88	19
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>NOTCH1-T2 ALPSLPSSLV	8	>NOTCH1-T2 ALPMSLPSSL'	7	1

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>NOTCH1-T2 ALPTSLPSSLV	23	>NOTCH1-T2 ALPMSLPSSL'	37	14
>NOTCH1-T2 ALPTSLPSSL	78	>NOTCH1-T2 ALPMSLPSSL	60	18
>NOTCH1-T2 ALPTSLPSSLV	11	>NOTCH1-T2 ALPMSLPSSL'	10	1
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>NOTCH1-T2 ALPTSLPSSLV	42	>NOTCH1-T2 ALPMSLPSSL'	65	23
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>NOTCH1-T2 ESPALPTSL	54	>NOTCH1-T2 ESPALPMSL	25	29
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>NOTCH1-T2 QESPALPTSL	108	>NOTCH1-T2 QESPALPMSL	86	22
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>NOTCH1-T2 QESPALPT	128	>NOTCH1-T2 QESPALPM	1142	1014
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>NOTCH1-T2 QESPALPT	10154	>NOTCH1-T2 QESPALPM	333	9821
>NOTCH1-T2 QESPALPTSL	138	>NOTCH1-T2 QESPALPMSL	63	75
>NOTCH1-T2 LPQESPALPT	2726	>NOTCH1-T2 LPQESPALPM	126	2600
>NOTCH1-T2 LPQESPALPT	6006	>NOTCH1-T2 LPQESPALPM	149	5857
>NOTCH1-T2 TPPSQHSY	105	>NOTCH1-T2 APPSQHSY	294	189
>NOTCH1-T2 TPPSQHSY	433	>NOTCH1-T2 APPSQHSY	128	305
>NOTCH1-T2 LTPPSQHSY	338	>NOTCH1-T2 LAPPSQHSY	8981	8643
>NOTCH1-T2 LTPPSQHSY	134	>NOTCH1-T2 LAPPSQHSY	5752	5618
>NOTCH1-T2 LTPPSQHSY	235	>NOTCH1-T2 LAPPSQHSY	8989	8754
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>NOTCH1-T2 LTPPSQHSY	17	>NOTCH1-T2 LAPPSQHSY	40	23
>NOTCH1-T2 LTPPSQHSY	170	>NOTCH1-T2 LAPPSQHSY	249	79
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>NOTCH1-T2 LTPPSQHSY	5	>NOTCH1-T2 LAPPSQHSY	24	19
>NOTCH1-T2 LTPPSQHSY	1926	>NOTCH1-T2 LAPPSQHSY	102	1824
>NOTCH1-T2 LTPPSQHSY	251	>NOTCH1-T2 LAPPSQHSY	373	122
>NOTCH1-T2 LTPPSQHS	431	>NOTCH1-T2 LAPPSQHS	9481	9050



>NOTCH1-T2 LTPPSQHSY	15	>NOTCH1-T2 LAPPSQHSY	205	190
>NOTCH1-T2 LTPPSQHSYS	13	>NOTCH1-T2 LAPPSQHSYS	152	139
>NOTCH1-T2 LTPPSQHSYS:	26	>NOTCH1-T2 LAPPSQHSYS	326	300
>NOTCH1-T2 LTPPSQHSY	328	>NOTCH1-T2 LAPPSQHSY	4806	4478
>NOTCH1-T2 VPPVTAQAFL	1333	>NOTCH1-T2 VPPVTAQAFL	57	1276
>NOTCH1-T2 FLTPPSQHS	1053	>NOTCH1-T2 FLAPPSQHS	120	933
>NOTCH1-T2 FLTPPSQHSY:	144	>NOTCH1-T2 FLAPPSQHSY:	20	124
>NOTCH1-T2 FLTPPSQHS	1724	>NOTCH1-T2 FLAPPSQHS	197	1527
>NOTCH1-T2 FLTPPSQHSY:	391	>NOTCH1-T2 FLAPPSQHSY:	45	346
>NOTCH1-T2 FLTPPSQHS	971	>NOTCH1-T2 FLAPPSQHS	285	686
>NOTCH1-T2 FLTPPSQHSY:	835	>NOTCH1-T2 FLAPPSQHSY:	264	571
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>NOTCH1-T2 FLTPPSQHSY	738	>NOTCH1-T2 FLAPPSQHSY	298	440
>NOTCH1-T2 FLTPPSQHSY:	96	>NOTCH1-T2 FLAPPSQHSY:	39	57
>NOTCH1-T2 FLTPPSQHS	648	>NOTCH1-T2 FLAPPSQHS	290	358
>NOTCH1-T2 FLTPPSQHSY:	935	>NOTCH1-T2 FLAPPSQHSY:	395	540
>NOTCH1-T2 FLTPPSQHS	25	>NOTCH1-T2 FLAPPSQHS	21	4
>NOTCH1-T2 FLTPPSQHSY	9	>NOTCH1-T2 FLAPPSQHSY	8	1
>NOTCH1-T2 FLTPPSQHSY:	16	>NOTCH1-T2 FLAPPSQHSY:	14	2
>NOTCH1-T2 FLTPPSQHSY	652	>NOTCH1-T2 FLAPPSQHSY	254	398
>NOTCH1-T2 FLTPPSQHSY	249	>NOTCH1-T2 FLAPPSQHSY	168	81
>NOTCH1-T2 FLTPPSQHSY	84	>NOTCH1-T2 FLAPPSQHSY	30	54
>NOTCH1-T2 FLTPPSQH	474	>NOTCH1-T2 FLAPPSQH	294	180
>NOTCH1-T2 FLTPPSQHSY	14	>NOTCH1-T2 FLAPPSQHSY	12	2
>NOTCH1-T2 FLTPPSQHSY	29	>NOTCH1-T2 FLAPPSQHSY	15	14
>NOTCH1-T2 FLTPPSQHSY	88	>NOTCH1-T2 FLAPPSQHSY	62	26
>NOTCH1-T2 FLTPPSQHSY	327	>NOTCH1-T2 FLAPPSQHSY	83	244
>NOTCH1-T2 QFLTTPPSQHS	14	>NOTCH1-T2 QFLAPPSQHS	12	2
>NOTCH1-T2 QFLTTPPSQHS	187	>NOTCH1-T2 QFLAPPSQHS	217	30
>NOTCH1-T2 QFLTTPPSQHS	1229	>NOTCH1-T2 QFLAPPSQHS	443	786
>NOTCH1-T2 QFLTTPPSQHS	125	>NOTCH1-T2 QFLAPPSQHS	50	75
>NOTCH1-T2 AQFLTTPPS	498	>NOTCH1-T2 AQFLAPPS	455	43
>NOTCH1-T2 AQFLTTPPS	318	>NOTCH1-T2 AQFLAPPS	654	336
>NOTCH1-T2 AQFLTTPPSQ	204	>NOTCH1-T2 AQFLAPPSQ	412	208
>NOTCH1-T2 AQFLTTPPSQ+	52	>NOTCH1-T2 AQFLAPPSQ+	87	35
>NOTCH1-T2 AQFLTTPPSQ+	212	>NOTCH1-T2 AQFLAPPSQ+	425	213
>NOTCH1-T2 VTAAQFLT	2715	>NOTCH1-T2 VTAAQFLA	295	2420
>NOTCH1-T2 VTAAQFLT	2118	>NOTCH1-T2 VTAAQFLA	171	1947
>NOTCH1-T2 VTAAQFLT	1265	>NOTCH1-T2 VTAAQFLA	86	1179
>NOTCH1-T2 TPPSQHSY	786	>NOTCH1-T2 MPPSQHSY	448	338
>NOTCH1-T2 TPPSQHSY	105	>NOTCH1-T2 MPPSQHSY	15	90
>NOTCH1-T2 TPPSQHSY	701	>NOTCH1-T2 MPPSQHSY	60	641
>NOTCH1-T2 TPPSQHSYS	3273	>NOTCH1-T2 MPPSQHSYS:	203	3070

>NOTCH1-T2 TPPSQHSY	433	>NOTCH1-T2 MPPSQHSY	67	366
>NOTCH1-T2 LTPPSQHSY	338	>NOTCH1-T2 LMPPSQHSY	5132	4794
>NOTCH1-T2 LTPPSQHSYS	14776	>NOTCH1-T2 LMPPSQHSY:	429	14347
>NOTCH1-T2 LTPPSQHS	24942	>NOTCH1-T2 LMPPSQHS	391	24551
>NOTCH1-T2 LTPPSQHSY	17425	>NOTCH1-T2 LMPPSQHSY	59	17366
>NOTCH1-T2 LTPPSQHSYS	19665	>NOTCH1-T2 LMPPSQHSY:	150	19515
>NOTCH1-T2 LTPPSQHSY:	22053	>NOTCH1-T2 LMPPSQHSY:	195	21858
>NOTCH1-T2 LTPPSQHSY	134	>NOTCH1-T2 LMPPSQHSY	3517	3383
>NOTCH1-T2 LTPPSQHSY	235	>NOTCH1-T2 LMPPSQHSY	8544	8309
>NOTCH1-T2 LTPPSQHSY	70	>NOTCH1-T2 LMPPSQHSY	32	38
>NOTCH1-T2 LTPPSQHSY	17	>NOTCH1-T2 LMPPSQHSY	9	8
>NOTCH1-T2 LTPPSQHSY	170	>NOTCH1-T2 LMPPSQHSY	48	122
>NOTCH1-T2 LTPPSQHSY	2648	>NOTCH1-T2 LMPPSQHSY	86	2562
>NOTCH1-T2 LTPPSQHSY	415	>NOTCH1-T2 LMPPSQHSY	19	396
>NOTCH1-T2 LTPPSQHSY	5	>NOTCH1-T2 LMPPSQHSY	584	579
>NOTCH1-T2 LTPPSQHSY	251	>NOTCH1-T2 LMPPSQHSY	4119	3868
>NOTCH1-T2 LTPPSQHS	431	>NOTCH1-T2 LMPPSQHS	24552	24121
>NOTCH1-T2 LTPPSQHSY	15	>NOTCH1-T2 LMPPSQHSY	2051	2036
>NOTCH1-T2 LTPPSQHSYS	13	>NOTCH1-T2 LMPPSQHSY:	1463	1450
>NOTCH1-T2 LTPPSQHSY:	26	>NOTCH1-T2 LMPPSQHSY:	2283	2257
>NOTCH1-T2 LTPPSQHSY	328	>NOTCH1-T2 LMPPSQHSY	10708	10380
>NOTCH1-T2 VPPVTAAQFL	3970	>NOTCH1-T2 VPPVTAAQFL	31	3939
>NOTCH1-T2 VPPVTAAQFL	2768	>NOTCH1-T2 VPPVTAAQFL	13	2755
>NOTCH1-T2 FLTPPSQHS	8259	>NOTCH1-T2 FLMPPSQHS	499	7760
>NOTCH1-T2 FLTPPSQHSY:	4538	>NOTCH1-T2 FLMPPSQHS\	153	4385
>NOTCH1-T2 FLTPPSQHS	1053	>NOTCH1-T2 FLMPPSQHS	90	963
>NOTCH1-T2 FLTPPSQHSY	3266	>NOTCH1-T2 FLMPPSQHS\	323	2943
>NOTCH1-T2 FLTPPSQHSY:	144	>NOTCH1-T2 FLMPPSQHS\	15	129
>NOTCH1-T2 FLTPPSQHS	1724	>NOTCH1-T2 FLMPPSQHS	131	1593
>NOTCH1-T2 FLTPPSQHSY:	391	>NOTCH1-T2 FLMPPSQHS\	30	361
>NOTCH1-T2 FLTPPSQHS	971	>NOTCH1-T2 FLMPPSQHS	84	887
>NOTCH1-T2 FLTPPSQHSY:	835	>NOTCH1-T2 FLMPPSQHS\	85	750
>NOTCH1-T2 FLTPPSQHS	402	>NOTCH1-T2 FLMPPSQHS	70	332
>NOTCH1-T2 FLTPPSQHSY	738	>NOTCH1-T2 FLMPPSQHS\	120	618
>NOTCH1-T2 FLTPPSQHSY:	96	>NOTCH1-T2 FLMPPSQHS\	17	79
>NOTCH1-T2 FLTPPSQHS	3027	>NOTCH1-T2 FLMPPSQHS	233	2794
>NOTCH1-T2 FLTPPSQHSY	3056	>NOTCH1-T2 FLMPPSQHS\	236	2820
>NOTCH1-T2 FLTPPSQHSY:	2682	>NOTCH1-T2 FLMPPSQHS\	199	2483
>NOTCH1-T2 FLTPPSQHSY	4808	>NOTCH1-T2 FLMPPSQHS\	262	4546
>NOTCH1-T2 FLTPPSQHS	25	>NOTCH1-T2 FLMPPSQHS	25	0
>NOTCH1-T2 FLTPPSQHSY	9	>NOTCH1-T2 FLMPPSQHS\	9	0
>NOTCH1-T2 FLTPPSQHSY:	16	>NOTCH1-T2 FLMPPSQHS\	16	0
>NOTCH1-T2 FLTPPSQHSY	1678	>NOTCH1-T2 FLMPPSQHS\	125	1553

>NOTCH1-T2 FLTPPSQHSY	652	>NOTCH1-T2 FLMPPSQHSY	96	556
>NOTCH1-T2 FLTPPSQHSY	249	>NOTCH1-T2 FLMPPSQHSY	178	71
>NOTCH1-T2 FLTPPSQHSY	84	>NOTCH1-T2 FLMPPSQHSY	29	55
>NOTCH1-T2 FLTPPSQH	474	>NOTCH1-T2 FLMPPSQH	149	325
>NOTCH1-T2 FLTPPSQHSY	14	>NOTCH1-T2 FLMPPSQHSY	9	5
>NOTCH1-T2 FLTPPSQHSY	29	>NOTCH1-T2 FLMPPSQHSY	8	21
>NOTCH1-T2 FLTPPSQHSY	88	>NOTCH1-T2 FLMPPSQHSY	27	61
>NOTCH1-T2 FLTPPSQHSY	327	>NOTCH1-T2 FLMPPSQHSY	239	88
>NOTCH1-T2 QFLTPPSQHS	14	>NOTCH1-T2 QFLMPPSQH	15	1
>NOTCH1-T2 QFLTPPSQHS	187	>NOTCH1-T2 QFLMPPSQH	195	8
>NOTCH1-T2 QFLTPPSQHS	125	>NOTCH1-T2 QFLMPPSQH	121	4
>NOTCH1-T2 AQFLTPPS	498	>NOTCH1-T2 AQFLMPPS	542	44
>NOTCH1-T2 AQFLTPPS	318	>NOTCH1-T2 AQFLMPPS	1033	715
>NOTCH1-T2 AQFLTPPSQ	204	>NOTCH1-T2 AQFLMPPSQ	819	615
>NOTCH1-T2 AQFLTPPSQF	52	>NOTCH1-T2 AQFLMPPSQ	148	96
>NOTCH1-T2 AQFLTPPSQF	212	>NOTCH1-T2 AQFLMPPSQ	638	426
>NOTCH1-T2 VTAAQFLT	7083	>NOTCH1-T2 VTAAQFLM	21	7062
>NOTCH1-T2 VTAAQFLT	9241	>NOTCH1-T2 VTAAQFLM	54	9187
>NOTCH1-T2 VTAAQFLT	4685	>NOTCH1-T2 VTAAQFLM	10	4675
>NOTCH1-T2 VTAAQFLT	3913	>NOTCH1-T2 VTAAQFLM	109	3804
>NOTCH1-T2 PPVTAAQFLT	900	>NOTCH1-T2 PPVTAAQFLM	4	896
>NOTCH1-T9 TCPAGFSGI	227	>NOTCH1-T9 ICPAGFSGI	3726	3499
>NOTCH1-T9 CTCPAGFSGI	716	>NOTCH1-T9 CICPAGFSGI	268	448
>NOTCH1-T9 CTCPAGFSGI	452	>NOTCH1-T9 CICPAGFSGI	3288	2836
>NOTCH1-T9 CTCPAGFSGI	148	>NOTCH1-T9 CICPAGFSGI	12480	12332
>NOTCH1-T9 CTCPAGFSGI	41	>NOTCH1-T9 CICPAGFSGI	598	557
>NOTCH1-T9 CTDCVDSYTC	20448	>NOTCH1-T9 CTDCVDSYTC	27	20421
>NOTCH1-T9 TCTCPAGF	3271	>NOTCH1-T9 TCICPAGF	195	3076
>NOTCH1-T9 TCTCPAGFSG	203	>NOTCH1-T9 TCICPAGFSGI	63	140
>NOTCH1-T9 TCTCPAGFSG	1351	>NOTCH1-T9 TCICPAGFSGI	393	958
>NOTCH1-T9 YTCTCPAGF	45	>NOTCH1-T9 YTCICPAGF	204	159
>NOTCH1-T9 YTCTCPAGF	480	>NOTCH1-T9 YTCICPAGF	2022	1542
>NOTCH1-T9 YTCTCPAGF	472	>NOTCH1-T9 YTCICPAGF	463	9
>NOTCH1-T9 YTCTCPAGF	136	>NOTCH1-T9 YTCICPAGF	386	250
>NOTCH1-T9 YTCTCPAGF	4	>NOTCH1-T9 YTCICPAGF	3	1
>NOTCH1-T9 YTCTCPAGF	30	>NOTCH1-T9 YTCICPAGF	51	21
>NOTCH1-T9 SYTCTCPAGF	108	>NOTCH1-T9 SYTCICPAGF	174	66
>NOTCH1-T9 SYTCTCPAGF	47	>NOTCH1-T9 SYTCICPAGF	75	28
>NOTCH1-T9 SYTCTCPAGF	15	>NOTCH1-T9 SYTCICPAGF	14	1
>NOTCH1-T9 SYTCTCPAGF	161	>NOTCH1-T9 SYTCICPAGF	177	16
>NOTCH1-T9 SYTCTCPA	411	>NOTCH1-T9 SYTCICPA	440	29
>NOTCH1-T9 SYTCTCPAG	220	>NOTCH1-T9 SYTCICPAG	439	219
>NOTCH1-T9 SYTCTCPAGF	297	>NOTCH1-T9 SYTCICPAGF	493	196

>NOTCH1-T9 DSYTCTCPAG	162	>NOTCH1-T9 DSYTCICPAGI	124	38
>NOTCH1-T9 DSYTCTCPA	95	>NOTCH1-T9 DSYTCICPA	115	20
>NOTCH1-T9 DSYTCTCPAG	194	>NOTCH1-T9 DSYTCICPAGI	245	51
>NOTCH1-T9 DSYTCTCPAG	24	>NOTCH1-T9 DSYTCICPAGI	18	6
>NOTCH1-T9 DSYTCTCPAG	469	>NOTCH1-T9 DSYTCICPAGI	901	432
>NOTCH1-T9 CVDSYTCTCP	591	>NOTCH1-T9 CVDSYTCICP/	457	134
>NOTCH1-T9 CVDSYTCT	36889	>NOTCH1-T9 CVDSYTCTI	437	36452
>NOTCH1-T9 TDCVDSYTCT	6651	>NOTCH1-T9 TDCVDSYTCTI	94	6557
>NOTCH1-V1 VVVLMPPEQ	574	>NOTCH1-V1 AVVLMPEEQ	291	283
>NOTCH1-V1 VVVLMPPEQ	177	>NOTCH1-V1 AVVLMPEEQ	209	32
>NOTCH1-V1 VVVLMPEEQ	412	>NOTCH1-V1 VAVVLMPEEQ	6029	5617
>NOTCH1-V1 VVVLMPEEQ	403	>NOTCH1-V1 VAVVLMPEEQ	37	366
>NOTCH1-V1 PERLAAGTLV	436	>NOTCH1-V1 PERLAAGTLV	8720	8284
>NOTCH1-V1 TLVVVLM	1053	>NOTCH1-V1 TLVAVVLM	256	797
>NOTCH1-V1 TLVVVLM	420	>NOTCH1-V1 TLVAVVLM	95	325
>NOTCH1-V1 TLVVVLM	914	>NOTCH1-V1 TLVAVVLM	251	663
>NOTCH1-V1 TLVVVLM	441	>NOTCH1-V1 TLVAVVLM	171	270
>NOTCH1-V1 TLVVVLM	615	>NOTCH1-V1 TLVAVVLM	221	394
>NOTCH1-V1 GTLVVVVL	397	>NOTCH1-V1 GTLVAVVL	2058	1661
>NOTCH1-V1 GTLVVVVL	464	>NOTCH1-V1 GTLVAVVL	1173	709
>NOTCH1-V1 GTLVVVVL	231	>NOTCH1-V1 GTLVAVVL	617	386
>NOTCH1-V1 GTLVVVVL	89	>NOTCH1-V1 GTLVAVVL	35	54
>NOTCH1-V1 GTLVVVVLM	105	>NOTCH1-V1 GTLVAVVLM	30	75
>NOTCH1-V1 GTLVVVVL	2778	>NOTCH1-V1 GTLVAVVL	341	2437
>NOTCH1-V1 GTLVVVVLM	10	>NOTCH1-V1 GTLVAVVLM	23	13
>NOTCH1-V1 AGTLVVVLM	126	>NOTCH1-V1 AGTLVAVVLM	113	13
>NOTCH1-V1 AAGTLVVV	1807	>NOTCH1-V1 AAGTLVAV	377	1430
>NOTCH1-V1 AAGTLVVV	706	>NOTCH1-V1 AAGTLVAV	342	364
>NOTCH1-V1 AAGTLVVV	468	>NOTCH1-V1 AAGTLVAV	397	71
>NOTCH1-V1 LAAGTLVV	433	>NOTCH1-V1 LAAGTLVA	2289	1856
>NOTCH1-V1 LAAGTLVVV	304	>NOTCH1-V1 LAAGTLVAV	63	241
>NOTCH1-V1 LAAGTLVVVV	681	>NOTCH1-V1 LAAGTLVAVV	472	209
>NOTCH1-V1 LAAGTLVVVV	462	>NOTCH1-V1 LAAGTLVAVV	496	34
>NOTCH1-V1 LAAGTLVV	303	>NOTCH1-V1 LAAGTLVA	2120	1817
>NOTCH1-V1 LAAGTLVVV	246	>NOTCH1-V1 LAAGTLVAV	74	172
>NOTCH1-V1 LAAGTLVVVV	346	>NOTCH1-V1 LAAGTLVAVV	137	209
>NOTCH1-V1 LAAGTLVV	115	>NOTCH1-V1 LAAGTLVA	1201	1086
>NOTCH1-V1 LAAGTLVVV	58	>NOTCH1-V1 LAAGTLVAV	14	44
>NOTCH1-V1 LAAGTLVVVV	197	>NOTCH1-V1 LAAGTLVAVV	178	19
>NOTCH1-V1 LAAGTLVV	290	>NOTCH1-V1 LAAGTLVA	7783	7493
>NOTCH1-V1 LAAGTLVVV	119	>NOTCH1-V1 LAAGTLVAV	55	64
>NOTCH1-V1 LAAGTLVVVV	127	>NOTCH1-V1 LAAGTLVAVV	102	25
>NOTCH1-V1 LAAGTLVVV	399	>NOTCH1-V1 LAAGTLVAV	456	57

>NOTCH1-V1 LAAGTLVVVV	349	>NOTCH1-V1 LAAGTLVAVV	542	193
>NOTCH1-V1 LAAGTLVVVV	618	>NOTCH1-V1 LAAGTLVAVV	305	313
>NOTCH1-V1 LAAGTLVV	20	>NOTCH1-V1 LAAGTLVA	4890	4870
>NOTCH1-V1 LAAGTLVVV	13	>NOTCH1-V1 LAAGTLVAV	10	3
>NOTCH1-V1 LAAGTLVVVV	20	>NOTCH1-V1 LAAGTLVAVV	16	4
>NOTCH1-V1 LAAGTLVV	403	>NOTCH1-V1 LAAGTLVA	3351	2948
>NOTCH1-V1 LAAGTLVVV	249	>NOTCH1-V1 LAAGTLVAV	101	148
>NOTCH1-V1 LAAGTLVVVV	715	>NOTCH1-V1 LAAGTLVAVV	373	342
>NOTCH1-V1 LAAGTLVVV	929	>NOTCH1-V1 LAAGTLVAV	222	707
>NOTCH1-V1 LAAGTLVVVV	666	>NOTCH1-V1 LAAGTLVAVV	327	339
>NOTCH1-V1 LAAGTLVVVV	337	>NOTCH1-V1 LAAGTLVAVV	229	108
>NOTCH1-V1 LAAGTLVVVV	651	>NOTCH1-V1 LAAGTLVAVV	430	221
>NOTCH1-V1 LAAGTLVVVV	424	>NOTCH1-V1 LAAGTLVAVV	275	149
>NOTCH1-V1 LAAGTLVV	2077	>NOTCH1-V1 LAAGTLVA	418	1659
>NOTCH1-V1 LAAGTLVVV	255	>NOTCH1-V1 LAAGTLVAV	69	186
>NOTCH1-V1 LAAGTLVVVV	220	>NOTCH1-V1 LAAGTLVAVV	493	273
>NOTCH1-V1 LAAGTLVVVV	235	>NOTCH1-V1 LAAGTLVAVV	255	20
>NOTCH1-V1 RLAAGTLVV	18	>NOTCH1-V1 RLAAGTLVA	133	115
>NOTCH1-V1 RLAAGTLVVV	30	>NOTCH1-V1 RLAAGTLVAV	19	11
>NOTCH1-V1 RLAAGTLVVV	16	>NOTCH1-V1 RLAAGTLVAV	16	0
>NOTCH1-V1 RLAAGTLVV	10	>NOTCH1-V1 RLAAGTLVA	63	53
>NOTCH1-V1 RLAAGTLVVV	18	>NOTCH1-V1 RLAAGTLVAV	11	7
>NOTCH1-V1 RLAAGTLVVV	7	>NOTCH1-V1 RLAAGTLVAV	6	1
>NOTCH1-V1 RLAAGTLVV	3	>NOTCH1-V1 RLAAGTLVA	8	5
>NOTCH1-V1 RLAAGTLVVV	15	>NOTCH1-V1 RLAAGTLVAV	9	6
>NOTCH1-V1 RLAAGTLVVV	3	>NOTCH1-V1 RLAAGTLVAV	3	0
>NOTCH1-V1 RLAAGTLVV	12	>NOTCH1-V1 RLAAGTLVA	113	101
>NOTCH1-V1 RLAAGTLVVV	131	>NOTCH1-V1 RLAAGTLVAV	57	74
>NOTCH1-V1 RLAAGTLVVV	16	>NOTCH1-V1 RLAAGTLVAV	15	1
>NOTCH1-V1 RLAAGTLVV	3	>NOTCH1-V1 RLAAGTLVA	79	76
>NOTCH1-V1 RLAAGTLVVV	3	>NOTCH1-V1 RLAAGTLVAV	2	1
>NOTCH1-V1 RLAAGTLVVV	3	>NOTCH1-V1 RLAAGTLVAV	3	0
>NOTCH1-V1 RLAAGTLVV	7	>NOTCH1-V1 RLAAGTLVA	425	418
>NOTCH1-V1 RLAAGTLVVV	5	>NOTCH1-V1 RLAAGTLVAV	4	1
>NOTCH1-V1 RLAAGTLVVV	6	>NOTCH1-V1 RLAAGTLVAV	5	1
>NOTCH1-V1 RLAAGTLVV	5	>NOTCH1-V1 RLAAGTLVA	54	49
>NOTCH1-V1 RLAAGTLVVV	5	>NOTCH1-V1 RLAAGTLVAV	5	0
>NOTCH1-V1 RLAAGTLVVV	5	>NOTCH1-V1 RLAAGTLVAV	6	1
>NOTCH1-V1 RLAAGTLVV	4	>NOTCH1-V1 RLAAGTLVA	499	495
>NOTCH1-V1 RLAAGTLVVV	3	>NOTCH1-V1 RLAAGTLVAV	3	0
>NOTCH1-V1 RLAAGTLVVV	4	>NOTCH1-V1 RLAAGTLVAV	3	1
>NOTCH1-V1 RLAAGTLVV	2	>NOTCH1-V1 RLAAGTLVA	13	11
>NOTCH1-V1 RLAAGTLVVV	2	>NOTCH1-V1 RLAAGTLVAV	2	0

>NOTCH1-V1 RLAAGTLVVV	2	>NOTCH1-V1 RLAAGTLVAV	2	0
>NOTCH1-V1 RLAAGTLVV	248	>NOTCH1-V1 RLAAGTLVA	1636	1388
>NOTCH1-V1 RLAAGTLVVV	253	>NOTCH1-V1 RLAAGTLVAV	94	159
>NOTCH1-V1 RLAAGTLVVV	139	>NOTCH1-V1 RLAAGTLVAV	412	273
>NOTCH1-V1 RLAAGTLVVV	292	>NOTCH1-V1 RLAAGTLVAV	160	132
>NOTCH1-V1 RLAAGTLVV	252	>NOTCH1-V1 RLAAGTLVA	986	734
>NOTCH1-V1 RLAAGTLVV	126	>NOTCH1-V1 RLAAGTLVA	156	30
>NOTCH1-V1 RLAAGTLVVV	212	>NOTCH1-V1 RLAAGTLVAV	217	5
>NOTCH1-V1 RLAAGTLVVV	179	>NOTCH1-V1 RLAAGTLVAV	136	43
>NOTCH1-V1 RLAAGTLVVV	583	>NOTCH1-V1 RLAAGTLVAV	387	196
>NOTCH1-V1 RLAAGTLVVV	439	>NOTCH1-V1 RLAAGTLVAV	783	344
>NOTCH1-V1 ERLAAGTLVV	304	>NOTCH1-V1 ERLAAGTLVA	418	114
>NOTCH1-V1 ERLAAGTLVV	191	>NOTCH1-V1 ERLAAGTLVA	4894	4703
>NOTCH1-V1 ERLAAGTLVV	319	>NOTCH1-V1 ERLAAGTLVA	233	86
>NOTCH1-V1 VVVLMPPE	5724	>NOTCH1-V1 EVVLMPEE	216	5508
>NOTCH1-V1 VVVLMPPEEQ	2635	>NOTCH1-V1 EVVLMPEEQI	31	2604
>NOTCH1-V1 VVVLMPPEEQ	1901	>NOTCH1-V1 EVVLMPEEQI	163	1738
>NOTCH1-V1 VVVLMPPEEQ	177	>NOTCH1-V1 EVVLMPEEQI	7	170
>NOTCH1-V1 VVVLMPPEEQ	6869	>NOTCH1-V1 EVVLMPEEQI	110	6759
>NOTCH1-V1 VVVLMPEEQ	412	>NOTCH1-V1 VEVVLMPEEQ	19600	19188
>NOTCH1-V1 VVVLMPEEQ	403	>NOTCH1-V1 VEVVLMPEEQ	18110	17707
>NOTCH1-V1 VVVLMPEEQ	22077	>NOTCH1-V1 VEVVLMPEEQ	112	21965
>NOTCH1-V1 VVVLMPEEQ	34377	>NOTCH1-V1 VEVVLMPEEQ	286	34091
>NOTCH1-V1 VVVLMPEEQ	17791	>NOTCH1-V1 VEVVLMPEEQ	14	17777
>NOTCH1-V1 PERLAAGTLV	436	>NOTCH1-V1 PERLAAGTLV	20488	20052
>NOTCH1-V1 TLVVVVLM	1053	>NOTCH1-V1 TLVEVVLM	119	934
>NOTCH1-V1 TLVVVVLM	420	>NOTCH1-V1 TLVEVVLM	67	353
>NOTCH1-V1 TLVVVVLM	914	>NOTCH1-V1 TLVEVVLM	154	760
>NOTCH1-V1 TLVVVVLM	2694	>NOTCH1-V1 TLVEVVLM	272	2422
>NOTCH1-V1 TLVVVVLM	441	>NOTCH1-V1 TLVEVVLM	40	401
>NOTCH1-V1 TLVVVVLM	1215	>NOTCH1-V1 TLVEVVLM	257	958
>NOTCH1-V1 TLVVVVLM	615	>NOTCH1-V1 TLVEVVLM	96	519
>NOTCH1-V1 GTLVVVVL	397	>NOTCH1-V1 GTLVEVVL	2626	2229
>NOTCH1-V1 GTLVVVVL	464	>NOTCH1-V1 GTLVEVVL	1916	1452
>NOTCH1-V1 GTLVVVVL	231	>NOTCH1-V1 GTLVEVVL	1184	953
>NOTCH1-V1 GTLVVVVL	89	>NOTCH1-V1 GTLVEVVL	113	24
>NOTCH1-V1 GTLVVVVLM	105	>NOTCH1-V1 GTLVEVVLM	48	57
>NOTCH1-V1 GTLVVVVLM	10	>NOTCH1-V1 GTLVEVVLM	52	42
>NOTCH1-V1 AGTLVVVVLM	126	>NOTCH1-V1 AGTLVEVVLM	189	63
>NOTCH1-V1 AAGTLVVV	706	>NOTCH1-V1 AAGTLVEV	349	357
>NOTCH1-V1 AAGTLVVV	468	>NOTCH1-V1 AAGTLVEV	175	293
>NOTCH1-V1 LAAGTLVVV	1572	>NOTCH1-V1 LAAGTLVEV	209	1363
>NOTCH1-V1 LAAGTLVV	433	>NOTCH1-V1 LAAGTLVE	22459	22026

>NOTCH1-V1 LAAGTLVVV	304	>NOTCH1-V1 LAAGTLVEV	35	269
>NOTCH1-V1 LAAGTLVVVV	681	>NOTCH1-V1 LAAGTLVEVV	483	198
>NOTCH1-V1 LAAGTLVVVV	462	>NOTCH1-V1 LAAGTLVEVV	590	128
>NOTCH1-V1 LAAGTLVV	303	>NOTCH1-V1 LAAGTLVE	23751	23448
>NOTCH1-V1 LAAGTLVVV	246	>NOTCH1-V1 LAAGTLVEV	97	149
>NOTCH1-V1 LAAGTLVVVV	346	>NOTCH1-V1 LAAGTLVEVV	376	30
>NOTCH1-V1 LAAGTLVV	115	>NOTCH1-V1 LAAGTLVE	22017	21902
>NOTCH1-V1 LAAGTLVVV	58	>NOTCH1-V1 LAAGTLVEV	22	36
>NOTCH1-V1 LAAGTLVVVV	197	>NOTCH1-V1 LAAGTLVEVV	211	14
>NOTCH1-V1 LAAGTLVV	290	>NOTCH1-V1 LAAGTLVE	29896	29606
>NOTCH1-V1 LAAGTLVVV	119	>NOTCH1-V1 LAAGTLVEV	45	74
>NOTCH1-V1 LAAGTLVVVV	127	>NOTCH1-V1 LAAGTLVEVV	115	12
>NOTCH1-V1 LAAGTLVVV	399	>NOTCH1-V1 LAAGTLVEV	137	262
>NOTCH1-V1 LAAGTLVVVV	349	>NOTCH1-V1 LAAGTLVEVV	499	150
>NOTCH1-V1 LAAGTLVVV	580	>NOTCH1-V1 LAAGTLVEV	487	93
>NOTCH1-V1 LAAGTLVVVV	618	>NOTCH1-V1 LAAGTLVEVV	479	139
>NOTCH1-V1 LAAGTLVV	20	>NOTCH1-V1 LAAGTLVE	31956	31936
>NOTCH1-V1 LAAGTLVVV	13	>NOTCH1-V1 LAAGTLVEV	5	8
>NOTCH1-V1 LAAGTLVVVV	20	>NOTCH1-V1 LAAGTLVEVV	28	8
>NOTCH1-V1 LAAGTLVV	403	>NOTCH1-V1 LAAGTLVE	21909	21506
>NOTCH1-V1 LAAGTLVVV	249	>NOTCH1-V1 LAAGTLVEV	67	182
>NOTCH1-V1 LAAGTLVVV	929	>NOTCH1-V1 LAAGTLVEV	263	666
>NOTCH1-V1 LAAGTLVVVV	337	>NOTCH1-V1 LAAGTLVEVV	554	217
>NOTCH1-V1 LAAGTLVVVV	424	>NOTCH1-V1 LAAGTLVEVV	1195	771
>NOTCH1-V1 LAAGTLVVV	255	>NOTCH1-V1 LAAGTLVEV	741	486
>NOTCH1-V1 LAAGTLVVVV	220	>NOTCH1-V1 LAAGTLVEVV	504	284
>NOTCH1-V1 LAAGTLVVVV	235	>NOTCH1-V1 LAAGTLVEVV	876	641
>NOTCH1-V1 RLAAGTLVV	18	>NOTCH1-V1 RLAAGTLVE	19824	19806
>NOTCH1-V1 RLAAGTLVVV	30	>NOTCH1-V1 RLAAGTLVEV	18	12
>NOTCH1-V1 RLAAGTLVVV	16	>NOTCH1-V1 RLAAGTLVEV	23	7
>NOTCH1-V1 RLAAGTLVV	10	>NOTCH1-V1 RLAAGTLVE	7404	7394
>NOTCH1-V1 RLAAGTLVVV	18	>NOTCH1-V1 RLAAGTLVEV	13	5
>NOTCH1-V1 RLAAGTLVVV	7	>NOTCH1-V1 RLAAGTLVEV	6	1
>NOTCH1-V1 RLAAGTLVV	3	>NOTCH1-V1 RLAAGTLVE	8343	8340
>NOTCH1-V1 RLAAGTLVVV	15	>NOTCH1-V1 RLAAGTLVEV	11	4
>NOTCH1-V1 RLAAGTLVVV	3	>NOTCH1-V1 RLAAGTLVEV	3	0
>NOTCH1-V1 RLAAGTLVV	12	>NOTCH1-V1 RLAAGTLVE	14539	14527
>NOTCH1-V1 RLAAGTLVVV	131	>NOTCH1-V1 RLAAGTLVEV	73	58
>NOTCH1-V1 RLAAGTLVVV	16	>NOTCH1-V1 RLAAGTLVEV	16	0
>NOTCH1-V1 RLAAGTLVV	3	>NOTCH1-V1 RLAAGTLVE	14536	14533
>NOTCH1-V1 RLAAGTLVVV	3	>NOTCH1-V1 RLAAGTLVEV	2	1
>NOTCH1-V1 RLAAGTLVVV	3	>NOTCH1-V1 RLAAGTLVEV	3	0
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>NOTCH1-V1 RLAAGTLVVV	5	>NOTCH1-V1 RLAAGTLVEV	5	0
>NOTCH1-V1 RLAAGTLVVV	6	>NOTCH1-V1 RLAAGTLVEV	7	1
>NOTCH1-V1 RLAAGTLVV	5	>NOTCH1-V1 RLAAGTLVE	16624	16619
>NOTCH1-V1 RLAAGTLVVV	5	>NOTCH1-V1 RLAAGTLVEV	4	1
>NOTCH1-V1 RLAAGTLVVV	5	>NOTCH1-V1 RLAAGTLVEV	6	1
>NOTCH1-V1 RLAAGTLVV	4	>NOTCH1-V1 RLAAGTLVE	23219	23215
>NOTCH1-V1 RLAAGTLVVV	3	>NOTCH1-V1 RLAAGTLVEV	3	0
>NOTCH1-V1 RLAAGTLVVV	4	>NOTCH1-V1 RLAAGTLVEV	4	0
>NOTCH1-V1 RLAAGTLVV	2	>NOTCH1-V1 RLAAGTLVE	9472	9470
>NOTCH1-V1 RLAAGTLVVV	2	>NOTCH1-V1 RLAAGTLVEV	2	0
>NOTCH1-V1 RLAAGTLVVV	2	>NOTCH1-V1 RLAAGTLVEV	2	0
>NOTCH1-V1 RLAAGTLVV	248	>NOTCH1-V1 RLAAGTLVE	2826	2578
>NOTCH1-V1 RLAAGTLVVV	253	>NOTCH1-V1 RLAAGTLVEV	310	57
>NOTCH1-V1 RLAAGTLVVV	139	>NOTCH1-V1 RLAAGTLVEV	291	152
>NOTCH1-V1 RLAAGTLVVV	292	>NOTCH1-V1 RLAAGTLVEV	160	132
>NOTCH1-V1 RLAAGTLVV	252	>NOTCH1-V1 RLAAGTLVE	16629	16377
>NOTCH1-V1 RLAAGTLVV	126	>NOTCH1-V1 RLAAGTLVE	1079	953
>NOTCH1-V1 RLAAGTLVVV	212	>NOTCH1-V1 RLAAGTLVEV	626	414
>NOTCH1-V1 RLAAGTLVVV	179	>NOTCH1-V1 RLAAGTLVEV	194	15
>NOTCH1-V1 RLAAGTLVVV	439	>NOTCH1-V1 RLAAGTLVEV	944	505
>NOTCH1-V1 ERLAAGTLVV	304	>NOTCH1-V1 ERLAAGTLVE	2444	2140
>NOTCH1-V1 ERLAAGTLVV	191	>NOTCH1-V1 ERLAAGTLVE	10862	10671
>NOTCH1-V1 ERLAAGTLVV	319	>NOTCH1-V1 ERLAAGTLVE	1834	1515
>NOTCH1-V1 VVLMPPPEQL	50	>NOTCH1-V1 AVLMPPEQL	71	21
>NOTCH1-V1 VVLMPPPEQL	559	>NOTCH1-V1 AVLMPPEQL	463	96
>NOTCH1-V1 VVLMPPPEQLI	441	>NOTCH1-V1 AVLMPPEQLI	125	316
>NOTCH1-V1 VVLMPPPEQLI	173	>NOTCH1-V1 AVLMPPEQLI	94	79
>NOTCH1-V1 VVVLMPPEQ	177	>NOTCH1-V1 VAVLMPPEQ	281	104
>NOTCH1-V1 VVVLMPPEQ	947	>NOTCH1-V1 VAVLMPPEQ	61	886
>NOTCH1-V1 ERLAAGTLVV	319	>NOTCH1-V1 ERLAAGTLVV	7084	6765
>NOTCH1-V1 VVVVLMPPPEI	2055	>NOTCH1-V1 VVAVLMPPEI	395	1660
>NOTCH1-V1 VVVVLMPPPEI	412	>NOTCH1-V1 VVAVLMPPEI	1824	1412
>NOTCH1-V1 VVVVLMPPPEI	403	>NOTCH1-V1 VVAVLMPPEI	1056	653
>NOTCH1-V1 TLVVVVLM	420	>NOTCH1-V1 TLVVAVLM	550	130
>NOTCH1-V1 TLVVVVLM	441	>NOTCH1-V1 TLVVAVLM	2193	1752
>NOTCH1-V1 GTLVVVVL	397	>NOTCH1-V1 GTLVVAVL	713	316
>NOTCH1-V1 GTLVVVVL	464	>NOTCH1-V1 GTLVVAVL	1034	570
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>NOTCH1-V1 GTLVVVVL	89	>NOTCH1-V1 GTLVVAVL	45	44
>NOTCH1-V1 GTLVVVVLM	105	>NOTCH1-V1 GTLVVAVLM	72	33
>NOTCH1-V1 GTLVVVVLM	10	>NOTCH1-V1 GTLVVAVLM	5	5
>NOTCH1-V1 AGTLVVVVLM	126	>NOTCH1-V1 AGTLVVAVLM	89	37
>NOTCH1-V1 AAGTLVVVV	566	>NOTCH1-V1 AAGTLVVAV	235	331



>NOTCH1-V1 AAGTLVVV	468	>NOTCH1-V1 AAGTLVVA	15086	14618
>NOTCH1-V1 LAAGTLVVV	304	>NOTCH1-V1 LAAGTLVVA	1297	993
>NOTCH1-V1 LAAGTLVVVV	681	>NOTCH1-V1 LAAGTLVVAV	365	316
>NOTCH1-V1 LAAGTLVVVV	462	>NOTCH1-V1 LAAGTLVVAV	305	157
>NOTCH1-V1 LAAGTLVVV	246	>NOTCH1-V1 LAAGTLVVA	1781	1535
>NOTCH1-V1 LAAGTLVVVV	346	>NOTCH1-V1 LAAGTLVVAV	148	198
>NOTCH1-V1 LAAGTLVVV	58	>NOTCH1-V1 LAAGTLVVA	575	517
>NOTCH1-V1 LAAGTLVVVV	197	>NOTCH1-V1 LAAGTLVVAV	82	115
>NOTCH1-V1 LAAGTLVVV	119	>NOTCH1-V1 LAAGTLVVA	4785	4666
>NOTCH1-V1 LAAGTLVVVV	127	>NOTCH1-V1 LAAGTLVVAV	66	61
>NOTCH1-V1 LAAGTLVVV	399	>NOTCH1-V1 LAAGTLVVA	11299	10900
>NOTCH1-V1 LAAGTLVVVV	349	>NOTCH1-V1 LAAGTLVVAV	391	42
>NOTCH1-V1 LAAGTLVVV	13	>NOTCH1-V1 LAAGTLVVA	2950	2937
>NOTCH1-V1 LAAGTLVVVV	20	>NOTCH1-V1 LAAGTLVVAV	18	2
>NOTCH1-V1 LAAGTLVVV	249	>NOTCH1-V1 LAAGTLVVA	1957	1708
>NOTCH1-V1 LAAGTLVVVV	715	>NOTCH1-V1 LAAGTLVVAV	303	412
>NOTCH1-V1 LAAGTLVVVV	1122	>NOTCH1-V1 LAAGTLVVAV	323	799
>NOTCH1-V1 LAAGTLVVVV	337	>NOTCH1-V1 LAAGTLVVAV	154	183
>NOTCH1-V1 LAAGTLVVVV	424	>NOTCH1-V1 LAAGTLVVAV	516	92
>NOTCH1-V1 LAAGTLVVV	255	>NOTCH1-V1 LAAGTLVVA	45	210
>NOTCH1-V1 LAAGTLVVVV	220	>NOTCH1-V1 LAAGTLVVAV	132	88
>NOTCH1-V1 LAAGTLVVVV	235	>NOTCH1-V1 LAAGTLVVAV	108	127
>NOTCH1-V1 RLAAGTLVVV	30	>NOTCH1-V1 RLAAGTLVVA	219	189
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>NOTCH1-V1 RLAAGTLVVV	18	>NOTCH1-V1 RLAAGTLVVA	50	32
>NOTCH1-V1 RLAAGTLVVV	7	>NOTCH1-V1 RLAAGTLVVA	4	3
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>NOTCH1-V1 RLAAGTLVVV	3	>NOTCH1-V1 RLAAGTLVVA	3	0
>NOTCH1-V1 RLAAGTLVVV	131	>NOTCH1-V1 RLAAGTLVVA	695	564
>NOTCH1-V1 RLAAGTLVVV	16	>NOTCH1-V1 RLAAGTLVVA	9	7
>NOTCH1-V1 RLAAGTLVVV	3	>NOTCH1-V1 RLAAGTLVVA	40	37
>NOTCH1-V1 RLAAGTLVVV	3	>NOTCH1-V1 RLAAGTLVVA	2	1
>NOTCH1-V1 RLAAGTLVVV	5	>NOTCH1-V1 RLAAGTLVVA	159	154
>NOTCH1-V1 RLAAGTLVVV	6	>NOTCH1-V1 RLAAGTLVVA	4	2
>NOTCH1-V1 RLAAGTLVVV	5	>NOTCH1-V1 RLAAGTLVVA	44	39
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>NOTCH1-V1 RLAAGTLVVV	3	>NOTCH1-V1 RLAAGTLVVA	321	318
>NOTCH1-V1 RLAAGTLVVV	4	>NOTCH1-V1 RLAAGTLVVA	3	1
>NOTCH1-V1 RLAAGTLVVV	2	>NOTCH1-V1 RLAAGTLVVA	11	9
>NOTCH1-V1 RLAAGTLVVV	2	>NOTCH1-V1 RLAAGTLVVA	2	0
>NOTCH1-V1 RLAAGTLVVV	253	>NOTCH1-V1 RLAAGTLVVA	1607	1354
>NOTCH1-V1 RLAAGTLVVV	139	>NOTCH1-V1 RLAAGTLVVA	57	82
>NOTCH1-V1 RLAAGTLVVV	292	>NOTCH1-V1 RLAAGTLVVA	1058	766

>NOTCH1-V1 RLAAGTLVVV	1152	>NOTCH1-V1 RLAAGTLVVA	432	720
>NOTCH1-V1 RLAAGTLVVV	212	>NOTCH1-V1 RLAAGTLVVA	245	33
>NOTCH1-V1 RLAAGTLVVV	179	>NOTCH1-V1 RLAAGTLVVA	184	5
>NOTCH1-V1 RLAAGTLVVV	439	>NOTCH1-V1 RLAAGTLVVA	286	153
>NOTCH1-V1 VLMPPEQL	57	>NOTCH1-V1 ALMPPEQL	46	11
>NOTCH1-V1 VLMPPEQL	19	>NOTCH1-V1 ALMPPEQL	11	8
>NOTCH1-V1 VLMPPEQL	87	>NOTCH1-V1 ALMPPEQL	58	29
>NOTCH1-V1 VLMPPEQL	329	>NOTCH1-V1 ALMPPEQL	269	60
>NOTCH1-V1 VLMPPEQL	5	>NOTCH1-V1 ALMPPEQL	5	0
>NOTCH1-V1 VLMPPEQL	27	>NOTCH1-V1 ALMPPEQL	32	5
>NOTCH1-V1 VLMPPEQL	37	>NOTCH1-V1 ALMPPEQL	37	0
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>NOTCH1-V1 VLMPPEQL	4	>NOTCH1-V1 ALMPPEQL	4	0
>NOTCH1-V1 VLMPPEQLR	740	>NOTCH1-V1 ALMPPEQLR	295	445
>NOTCH1-V1 VLMPPEQLR	250	>NOTCH1-V1 ALMPPEQLR	155	95
>NOTCH1-V1 VVLMPPPEQL	50	>NOTCH1-V1 VALMPPEQL	292	242
>NOTCH1-V1 VVLMPPPEQLI	441	>NOTCH1-V1 VALMPPEQLI	1472	1031
>NOTCH1-V1 VVLMPPPEQLI	173	>NOTCH1-V1 VALMPPEQLI	319	146
>NOTCH1-V1 VVLMPPPEQL	788	>NOTCH1-V1 VALMPPEQL	53	735
>NOTCH1-V1 RLAAGTLVVV	16	>NOTCH1-V1 RLAAGTLVVV	108	92
>NOTCH1-V1 RLAAGTLVVV	7	>NOTCH1-V1 RLAAGTLVVV	30	23
>NOTCH1-V1 RLAAGTLVVV	3	>NOTCH1-V1 RLAAGTLVVV	8	5
>NOTCH1-V1 RLAAGTLVVV	16	>NOTCH1-V1 RLAAGTLVVV	158	142
>NOTCH1-V1 RLAAGTLVVV	3	>NOTCH1-V1 RLAAGTLVVV	43	40
>NOTCH1-V1 RLAAGTLVVV	6	>NOTCH1-V1 RLAAGTLVVV	251	245
>NOTCH1-V1 RLAAGTLVVV	5	>NOTCH1-V1 RLAAGTLVVV	41	36
>NOTCH1-V1 RLAAGTLVVV	4	>NOTCH1-V1 RLAAGTLVVV	398	394
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>NOTCH1-V1 RLAAGTLVVV	179	>NOTCH1-V1 RLAAGTLVVV	211	32
>NOTCH1-V1 RLAAGTLVVV	439	>NOTCH1-V1 RLAAGTLVVV	2242	1803
>NOTCH1-V1 VVVLMPPEQ	951	>NOTCH1-V1 VVALMPPEQ	496	455
>NOTCH1-V1 VVVLMPPEQ	177	>NOTCH1-V1 VVALMPPEQ	82	95
>NOTCH1-V1 VVVLMPPPEQ	635	>NOTCH1-V1 VVVALMPPEQ	296	339
>NOTCH1-V1 VVVLMPPPEQ	412	>NOTCH1-V1 VVVALMPPEQ	183	229
>NOTCH1-V1 VVVLMPPPEQ	403	>NOTCH1-V1 VVVALMPPEQ	303	100
>NOTCH1-V1 TLVVVVLM	420	>NOTCH1-V1 TLVVVVALM	453	33
>NOTCH1-V1 TLVVVVLM	441	>NOTCH1-V1 TLVVVVALM	723	282
>NOTCH1-V1 GTLVVVVL	1918	>NOTCH1-V1 GTLVVVVAL	413	1505
>NOTCH1-V1 GTLVVVVL	397	>NOTCH1-V1 GTLVVVVAL	180	217
>NOTCH1-V1 GTLVVVVL	464	>NOTCH1-V1 GTLVVVVAL	559	95
>NOTCH1-V1 GTLVVVVL	231	>NOTCH1-V1 GTLVVVVAL	130	101
>NOTCH1-V1 GTLVVVVL	89	>NOTCH1-V1 GTLVVVVAL	69	20

>NOTCH1-V1 GTLVVVVLM	105	>NOTCH1-V1 GTLVVVVALM	33	72
>NOTCH1-V1 GTLVVVVLM	652	>NOTCH1-V1 GTLVVVVALM	242	410
>NOTCH1-V1 GTLVVVVLM	1056	>NOTCH1-V1 GTLVVVVALM	388	668
>NOTCH1-V1 GTLVVVVLM	10	>NOTCH1-V1 GTLVVVVALM	5	5
>NOTCH1-V1 AGTLVVVVLM	126	>NOTCH1-V1 AGTLVVVVVALM	165	39
>NOTCH1-V1 LAAGTLVVVV	462	>NOTCH1-V1 LAAGTLVVVVA	150	312
>NOTCH1-V1 LAAGTLVVVV	346	>NOTCH1-V1 LAAGTLVVVVA	1998	1652
>NOTCH1-V1 LAAGTLVVVV	197	>NOTCH1-V1 LAAGTLVVVVA	995	798
>NOTCH1-V1 LAAGTLVVVV	855	>NOTCH1-V1 LAAGTLVVVVA	204	651
>NOTCH1-V1 LAAGTLVVVV	127	>NOTCH1-V1 LAAGTLVVVVA	4808	4681
>NOTCH1-V1 LAAGTLVVVV	349	>NOTCH1-V1 LAAGTLVVVVA	11187	10838
>NOTCH1-V1 LAAGTLVVVV	20	>NOTCH1-V1 LAAGTLVVVVA	4006	3986
>NOTCH1-V1 LAAGTLVVVV	816	>NOTCH1-V1 LAAGTLVVVVA	390	426
>NOTCH1-V1 LAAGTLVVVV	666	>NOTCH1-V1 LAAGTLVVVVA	195	471
>NOTCH1-V1 LAAGTLVVVV	337	>NOTCH1-V1 LAAGTLVVVVA	291	46
>NOTCH1-V1 LAAGTLVVVV	651	>NOTCH1-V1 LAAGTLVVVVA	180	471
>NOTCH1-V1 LAAGTLVVVV	424	>NOTCH1-V1 LAAGTLVVVVA	309	115
>NOTCH1-V1 LAAGTLVVVV	220	>NOTCH1-V1 LAAGTLVVVVA	1126	906
>NOTCH1-V1 LAAGTLVVVV	235	>NOTCH1-V1 LAAGTLVVVVA	294	59
>NOTCH1-V1 VLMPPEQL	57	>NOTCH1-V1 ELMPPEQL	3018	2961
>NOTCH1-V1 VLMPPEQL	19	>NOTCH1-V1 ELMPPEQL	169	150
>NOTCH1-V1 VLMPPEQL	87	>NOTCH1-V1 ELMPPEQL	2536	2449
>NOTCH1-V1 VLMPPEQL	329	>NOTCH1-V1 ELMPPEQL	5827	5498
>NOTCH1-V1 VLMPPEQL	5	>NOTCH1-V1 ELMPPEQL	39	34
>NOTCH1-V1 VLMPPEQL	27	>NOTCH1-V1 ELMPPEQL	677	650
>NOTCH1-V1 VLMPPEQL	37	>NOTCH1-V1 ELMPPEQL	583	546
>NOTCH1-V1 VLMPPEQL	6	>NOTCH1-V1 ELMPPEQL	16	10
>NOTCH1-V1 VLMPPEQL	4	>NOTCH1-V1 ELMPPEQL	19	15
>NOTCH1-V1 VLMPPEQLR	250	>NOTCH1-V1 ELMPPEQLR	2563	2313
>NOTCH1-V1 VLMPPEQLR	681	>NOTCH1-V1 ELMPPEQLR	114	567
>NOTCH1-V1 VLMPPEQLR	869	>NOTCH1-V1 ELMPPEQLR	50	819
>NOTCH1-V1 VLMPPEQL	5410	>NOTCH1-V1 ELMPPEQL	101	5309
>NOTCH1-V1 VLMPPEQL	7611	>NOTCH1-V1 ELMPPEQL	98	7513
>NOTCH1-V1 VVLMPPPEQL	50	>NOTCH1-V1 VELMPPEQL	5311	5261
>NOTCH1-V1 VVLMPPPEQLF	441	>NOTCH1-V1 VELMPPEQLF	25749	25308
>NOTCH1-V1 VVLMPPPEQLF	173	>NOTCH1-V1 VELMPPEQLF	17976	17803
>NOTCH1-V1 VVLMPPPEQL	22703	>NOTCH1-V1 VELMPPEQL	243	22460
>NOTCH1-V1 VVLMPPPEQL	25965	>NOTCH1-V1 VELMPPEQL	35	25930
>NOTCH1-V1 RLAAGTLVVV	16	>NOTCH1-V1 RLAAGTLVVV	18954	18938
>NOTCH1-V1 RLAAGTLVVV	7	>NOTCH1-V1 RLAAGTLVVV	4267	4260
>NOTCH1-V1 RLAAGTLVVV	3	>NOTCH1-V1 RLAAGTLVVV	8323	8320
>NOTCH1-V1 RLAAGTLVVV	16	>NOTCH1-V1 RLAAGTLVVV	13870	13854
>NOTCH1-V1 RLAAGTLVVV	3	>NOTCH1-V1 RLAAGTLVVV	11289	11286

>NOTCH1-V1 RLAAGTLVVV	6	>NOTCH1-V1 RLAAGTLVVV	19178	19172
>NOTCH1-V1 RLAAGTLVVV	5	>NOTCH1-V1 RLAAGTLVVV	15340	15335
>NOTCH1-V1 RLAAGTLVVV	4	>NOTCH1-V1 RLAAGTLVVV	22891	22887
>NOTCH1-V1 RLAAGTLVVV	2	>NOTCH1-V1 RLAAGTLVVV	8923	8921
>NOTCH1-V1 RLAAGTLVVV	139	>NOTCH1-V1 RLAAGTLVVV	1720	1581
>NOTCH1-V1 RLAAGTLVVV	179	>NOTCH1-V1 RLAAGTLVVV	1695	1516
>NOTCH1-V1 RLAAGTLVVV	439	>NOTCH1-V1 RLAAGTLVVV	11674	11235
>NOTCH1-V1 VVVLMPPEQ	177	>NOTCH1-V1 VVELMPPEQI	641	464
>NOTCH1-V1 VVVVLMPPEQ	635	>NOTCH1-V1 VVVELMPPEQ	142	493
>NOTCH1-V1 VVVVLMPPEQ	1856	>NOTCH1-V1 VVVELMPPEQ	116	1740
>NOTCH1-V1 VVVVLMPPEQ	1843	>NOTCH1-V1 VVVELMPPEQ	258	1585
>NOTCH1-V1 VVVVLMPPE	1698	>NOTCH1-V1 VVVELMPPE	375	1323
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>NOTCH1-V1 VVVVLMPPEQ	403	>NOTCH1-V1 VVVELMPPEQ	260	143
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>NOTCH1-V1 TLVVVVLM	441	>NOTCH1-V1 TLVVVELM	978	537
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>NOTCH1-V1 GTLVVVVLM	652	>NOTCH1-V1 GTLVVVELM	275	377
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>NOTCH1-V1 VLHTNVVFK	278	>NOTCH1-V1 VLHTNEVFK	289	11
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>NOTCH1-V1 RVLHTNVVF	436	>NOTCH1-V1 RVLHTNGVF	2479	2043
>NOTCH1-V1 RVLHTNVVF	121	>NOTCH1-V1 RVLHTNGVF	294	173
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>NOTCH1-V1 RVLHTNVVFK	208	>NOTCH1-V1 RVLHTNGVFK	239	31
>NOTCH1-V1 RVLHTNVVFK	89	>NOTCH1-V1 RVLHTNGVFK	84	5
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>NOTCH1-V1 RVLHTNVV	317	>NOTCH1-V1 RVLHTNGV	2885	2568
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>NOTCH1-V1 SRVLHTNVVF	115	>NOTCH1-V1 SRVLHTNGVF	93	22
>NOTCH1-V1 SRVLHTNVVF	285	>NOTCH1-V1 SRVLHTNGVF	309	24
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>NOTCH1-V1 SRVLHTNVV	283	>NOTCH1-V1 SRVLHTNGV	167	116
>NOTCH1-V1 SRVLHTNVVF	203	>NOTCH1-V1 SRVLHTNGVF	359	156
>NOTCH1-V1 LSRVLHTNV	42	>NOTCH1-V1 LSRVLHTNG	364	322
>NOTCH1-V1 LSRVLHTNVV	35	>NOTCH1-V1 LSRVLHTNGV	55	20
>NOTCH1-V1 LSRVLHTNVV	45	>NOTCH1-V1 LSRVLHTNGV	47	2
>NOTCH1-V1 LSRVLHTNV	451	>NOTCH1-V1 LSRVLHTNG	9745	9294
>NOTCH1-V1 LSRVLHTNVV	424	>NOTCH1-V1 LSRVLHTNGV	1328	904
>NOTCH1-V1 LSRVLHTNVV	8	>NOTCH1-V1 LSRVLHTNGV	27	19
>NOTCH1-V1 LSRVLHTNV	103	>NOTCH1-V1 LSRVLHTNG	4503	4400
>NOTCH1-V1 LSRVLHTNVV	821	>NOTCH1-V1 LSRVLHTNGV	372	449
>NOTCH1-V1 LSRVLHTNVV	3	>NOTCH1-V1 LSRVLHTNGV	4	1

>NOTCH1-V1 LSRVLHTNVV	396	>NOTCH1-V1 LSRVLHTNGV	715	319
>NOTCH1-V1 LSRVLHTNVV	344	>NOTCH1-V1 LSRVLHTNGV	677	333
>NOTCH1-V1 LSRVLHTNV	98	>NOTCH1-V1 LSRVLHTNG	2321	2223
>NOTCH1-V1 LSRVLHTNVV	153	>NOTCH1-V1 LSRVLHTNGV	139	14
>NOTCH1-V1 LSRVLHTNVV	15	>NOTCH1-V1 LSRVLHTNGV	8	7
>NOTCH1-V1 ELSRVLHTNV	322	>NOTCH1-V1 ELSRVLHTNG	19416	19094
>NOTCH1-V1 ELSRVLHTNV	63	>NOTCH1-V1 ELSRVLHTNG	24	39
>NOTCH1-V1 ELSRVLHTNV	97	>NOTCH1-V1 ELSRVLHTNG	16285	16188
>NOTCH1-V1 ELSRVLHTNV	77	>NOTCH1-V1 ELSRVLHTNG	33	44
>NOTCH1-V1 ELSRVLHTNV	1548	>NOTCH1-V1 ELSRVLHTNG	428	1120
>NOTCH1-V1 ELSRVLHTNV	27	>NOTCH1-V1 ELSRVLHTNG	15476	15449
>NOTCH1-V1 ELSRVLHTNV	38	>NOTCH1-V1 ELSRVLHTNG	18	20
>NOTCH1-V1 ELSRVLHTNV	231	>NOTCH1-V1 ELSRVLHTNG	20179	19948
>NOTCH1-V1 ELSRVLHTNV	51	>NOTCH1-V1 ELSRVLHTNG	25	26
>NOTCH1-V1 ELSRVLHTNV	31	>NOTCH1-V1 ELSRVLHTNG	19527	19496
>NOTCH1-V1 ELSRVLHTNV	73	>NOTCH1-V1 ELSRVLHTNG	37	36
>NOTCH1-V1 ELSRVLHTNV	30	>NOTCH1-V1 ELSRVLHTNG	22681	22651
>NOTCH1-V1 ELSRVLHTNV	17	>NOTCH1-V1 ELSRVLHTNG	7	10
>NOTCH1-V1 ELSRVLHTNV	4	>NOTCH1-V1 ELSRVLHTNG	16969	16965
>NOTCH1-V1 ELSRVLHTNV	8	>NOTCH1-V1 ELSRVLHTNG	5	3
>NOTCH1-V1 ELSRVLHTNV	411	>NOTCH1-V1 ELSRVLHTNG	23692	23281
>NOTCH1-V1 ELSRVLHTNV	59	>NOTCH1-V1 ELSRVLHTNG	23	36
>NOTCH1-V1 ELSRVLHTNV	58	>NOTCH1-V1 ELSRVLHTNG	17927	17869
>NOTCH1-V1 ELSRVLHTNV	153	>NOTCH1-V1 ELSRVLHTNG	24	129
>NOTCH1-V1 VRGSIVYL	808	>NOTCH1-V1 IRGSIVYL	371	437
>NOTCH1-V1 VRGSIVYLEI	586	>NOTCH1-V1 IRGSIVYLEI	280	306
>NOTCH1-V1 VRGSIVYL	446	>NOTCH1-V1 IRGSIVYL	462	16
>NOTCH1-V1 VRGSIVYLEI	401	>NOTCH1-V1 IRGSIVYLEI	275	126
>NOTCH1-V1 DVRGSIVY	151	>NOTCH1-V1 DIRGSIVY	504	353
>NOTCH1-V1 DVRGSIVY	27	>NOTCH1-V1 DIRGSIVY	87	60
>NOTCH1-V1 DVRGSIVYL	80	>NOTCH1-V1 DIRGSIVYL	280	200
>NOTCH1-V1 DVRGSIVY	50	>NOTCH1-V1 DIRGSIVY	169	119
>NOTCH1-V1 DVRGSIVYL	390	>NOTCH1-V1 DIRGSIVYL	1927	1537
>NOTCH1-V1 DVRGSIVY	534	>NOTCH1-V1 DIRGSIVY	428	106
>NOTCH1-V1 DVRGSIVY	491	>NOTCH1-V1 DIRGSIVY	1667	1176
>NOTCH1-V1 RRRRELDPMI	192	>NOTCH1-V1 RRRRELDPMI	158	34
>NOTCH1-V1 RRRRELDPMI	899	>NOTCH1-V1 RRRRELDPMI	452	447
>NOTCH1-V1 RRRRELDPMI	69	>NOTCH1-V1 RRRRELDPMI	49	20
>NOTCH1-V1 RRRRELDPMI	464	>NOTCH1-V1 RRRRELDPMI	242	222
>NOTCH1-V1 MDVRGSIVY	692	>NOTCH1-V1 MDIRGSIVY	322	370
>NOTCH1-V1 MDVRGSIVY	70	>NOTCH1-V1 MDIRGSIVY	70	0
>NOTCH1-V1 MDVRGSIV	731	>NOTCH1-V1 MDIRGSIV	445	286
>NOTCH1-V1 PMDVRGSIV	538	>NOTCH1-V1 PMDIRGSIV	203	335

>NOTCH1-V1 PMDVRSIV\	85	>NOTCH1-V1 PMDIRGSIVY	48	37
>NOTCH1-V1 PMDVRSIV	221	>NOTCH1-V1 PMDIRGSIV	152	69
>NOTCH1-V1 PMDVRSIV\	150	>NOTCH1-V1 PMDIRGSIVY	111	39
>NOTCH1-V1 PMDVRSIV\	284	>NOTCH1-V1 PMDIRGSIVY	544	260
>NOTCH1-V1 PMDVRSIV	97	>NOTCH1-V1 PMDIRGSIV	76	21
>NOTCH1-V1 PMDVRSIV\	138	>NOTCH1-V1 PMDIRGSIVY	107	31
>NOTCH1-V1 DPMDVRSI	631	>NOTCH1-V1 DPMDIRGSI	306	325
>NOTCH1-V1 DPMDVRSI	106	>NOTCH1-V1 DPMDIRGSI	101	5
>NOTCH1-V1 DPMDVRSI\	121	>NOTCH1-V1 DPMDIRGSIV	102	19
>NOTCH1-V1 DPMDVRSI\	123	>NOTCH1-V1 DPMDIRGSIV	134	11
>NOTCH1-V1 DPMDVRSI\	15	>NOTCH1-V1 DPMDIRGSIV	15	0
>NOTCH1-V1 DPMDVRSI\	424	>NOTCH1-V1 DPMDIRGSIV	367	57
>NOTCH1-V1 DPMDVRSI\	140	>NOTCH1-V1 DPMDIRGSIV	107	33
>NOTCH1-V1 DPMDVRSI\	63	>NOTCH1-V1 DPMDIRGSIV	78	15
>NOTCH1-V1 DPMDVRSI\	524	>NOTCH1-V1 DPMDIRGSIV	419	105
>NOTCH1-V1 LDPMDVRS	254	>NOTCH1-V1 LDPMDIRGSI	292	38
>NOTCH1-V1 ELDPMDVRG	384	>NOTCH1-V1 ELDPMDIRGS	355	29
>NOTCH1-V1 ELDPMDVR	245	>NOTCH1-V1 ELDPMDIR	268	23
>NOTCH1-V1 RELDPMDV	106	>NOTCH1-V1 RELDPMDI	49	57
>NOTCH1-V1 RELDPMDV	326	>NOTCH1-V1 RELDPMDI	242	84
>NOTCH1-V1 RELDPMDV	408	>NOTCH1-V1 RELDPMDI	1690	1282
>NOTCH1-V1 RELDPMDV	288	>NOTCH1-V1 RELDPMDI	35	253
>NOTCH1-V1 RELDPMDVR	323	>NOTCH1-V1 RELDPMDIR	249	74
>NOTCH1-V1 RELDPMDVR	409	>NOTCH1-V1 RELDPMDIR	418	9
>NOTCH1-V1 RRELDPMDV	218	>NOTCH1-V1 RRELDPMDIR	165	53
>NOTCH1-V1 RRELDPMDV	161	>NOTCH1-V1 RRELDPMDI	104	57
>NOTCH1-V1 RRELDPMDV	576	>NOTCH1-V1 RRELDPMDIR	427	149
>NOTCH1-V1 RRELDPMDV	267	>NOTCH1-V1 RRELDPMDI	139	128
>NOTCH1-V1 RRELDPMDV	509	>NOTCH1-V1 RRELDPMDIR	414	95
>NOTCH1-V1 RRRELDPMD'	363	>NOTCH1-V1 RRRELDPMDI	280	83
>NOTCH1-V1 RRRELDPMD'	34	>NOTCH1-V1 RRRELDPMDI	16	18
>NOTCH1-V1 RRRELDPMD'	285	>NOTCH1-V1 RRRELDPMDI	378	93
>NOTCH1-V1 RRRELDPMD'	34	>NOTCH1-V1 RRRELDPMDI	24	10
>NOTCH1-V1 RRRELDPMD'	213	>NOTCH1-V1 RRRELDPMDI	226	13
>NOTCH1-V1 RRRELDPMD'	29	>NOTCH1-V1 RRRELDPMDI	20	9
>NOTCH1-V1 VYLEIDNRQC	428	>NOTCH1-V1 DYLEIDNRQC	6073	5645
>NOTCH1-V1 VYLEIDNRQC	294	>NOTCH1-V1 DYLEIDNRQC	9582	9288
>NOTCH1-V1 VYLEIDNR	286	>NOTCH1-V1 DYLEIDNR	3578	3292
>NOTCH1-V1 VYLEIDNR	120	>NOTCH1-V1 DYLEIDNR	11	109
>NOTCH1-V1 VYLEIDNR	2451	>NOTCH1-V1 DYLEIDNR	345	2106
>NOTCH1-V1 VYLEIDNR	43	>NOTCH1-V1 DYLEIDNR	81	38
>NOTCH1-V1 IVYLEIDNR	353	>NOTCH1-V1 IDYLEIDNR	25337	24984
>NOTCH1-V1 IVYLEIDNR	39	>NOTCH1-V1 IDYLEIDNR	2686	2647

>NOTCH1-V1 IVYLEIDNR	195	>NOTCH1-V1 IDYLEIDNR	757	562
>NOTCH1-V1 SIVYLEIDNR	491	>NOTCH1-V1 SIDYLEIDNR	1189	698
>NOTCH1-V1 SIVYLEIDNR	33	>NOTCH1-V1 SIDYLEIDNR	274	241
>NOTCH1-V1 SIVYLEIDNR	272	>NOTCH1-V1 SIDYLEIDNR	1441	1169
>NOTCH1-V1 GSIVYLEIDNR	263	>NOTCH1-V1 GSIDYLEIDNF	400	137
>NOTCH1-V1 GSIVYLEIDNR	215	>NOTCH1-V1 GSIDYLEIDNF	100	115
>NOTCH1-V1 GSIVYLEI	266	>NOTCH1-V1 GSIDYLEI	175	91
>NOTCH1-V1 GSIVYLEIDNR	170	>NOTCH1-V1 GSIDYLEIDNF	196	26
>NOTCH1-V1 GSIVYLEI	240	>NOTCH1-V1 GSIDYLEI	184	56
>NOTCH1-V1 RGSIVYLEI	321	>NOTCH1-V1 RGSIDYLEI	3861	3540
>NOTCH1-V1 RGSIVYLEI	213	>NOTCH1-V1 RGSIDYLEI	269	56
>NOTCH1-V1 VRGSIVYL	446	>NOTCH1-V1 VRGSIDYL	2630	2184
>NOTCH1-V1 VRGSIVYLEI	401	>NOTCH1-V1 VRGSIDYLEI	1568	1167
>NOTCH1-V1 DVRGSIVY	151	>NOTCH1-V1 DVRGSIDY	354	203
>NOTCH1-V1 DVRGSIVY	27	>NOTCH1-V1 DVRGSIDY	41	14
>NOTCH1-V1 DVRGSIVYL	80	>NOTCH1-V1 DVRGSIDYL	48	32
>NOTCH1-V1 DVRGSIVY	50	>NOTCH1-V1 DVRGSIDY	40	10
>NOTCH1-V1 DVRGSIVYL	390	>NOTCH1-V1 DVRGSIDYL	856	466
>NOTCH1-V1 DVRGSIVY	491	>NOTCH1-V1 DVRGSIDY	1424	933
>NOTCH1-V1 MDVRGSIVY	1344	>NOTCH1-V1 MDVRGSIDY	499	845
>NOTCH1-V1 MDVRGSIVY	70	>NOTCH1-V1 MDVRGSIDY	244	174
>NOTCH1-V1 PMDVRGSIVY	85	>NOTCH1-V1 PMDVRGSIDY	121	36
>NOTCH1-V1 PMDVRGSIVY	221	>NOTCH1-V1 PMDVRGSIDY	25958	25737
>NOTCH1-V1 PMDVRGSIVY	150	>NOTCH1-V1 PMDVRGSIDY	223	73
>NOTCH1-V1 PMDVRGSIVY	284	>NOTCH1-V1 PMDVRGSIDY	343	59
>NOTCH1-V1 PMDVRGSIVY	97	>NOTCH1-V1 PMDVRGSIDY	34726	34629
>NOTCH1-V1 PMDVRGSIVY	138	>NOTCH1-V1 PMDVRGSIDY	345	207
>NOTCH1-V1 DPMDVRGSIVY	121	>NOTCH1-V1 DPMDVRGSII	5421	5300
>NOTCH1-V1 DPMDVRGSIVY	123	>NOTCH1-V1 DPMDVRGSII	317	194
>NOTCH1-V1 DPMDVRGSIVY	15	>NOTCH1-V1 DPMDVRGSII	26	11
>NOTCH1-V1 DPMDVRGSIVY	424	>NOTCH1-V1 DPMDVRGSII	542	118
>NOTCH1-V1 DPMDVRGSIVY	140	>NOTCH1-V1 DPMDVRGSII	4409	4269
>NOTCH1-V1 DPMDVRGSIVY	63	>NOTCH1-V1 DPMDVRGSII	589	526
>NOTCH1-V1 VYLEIDNRQC	428	>NOTCH1-V1 HYLEIDNRQC	1308	880
>NOTCH1-V1 VYLEIDNRQC	294	>NOTCH1-V1 HYLEIDNRQC	1064	770
>NOTCH1-V1 VYLEIDNR	1002	>NOTCH1-V1 HYLEIDNR	499	503
>NOTCH1-V1 VYLEIDNR	286	>NOTCH1-V1 HYLEIDNR	71	215
>NOTCH1-V1 VYLEIDNR	120	>NOTCH1-V1 HYLEIDNR	22	98
>NOTCH1-V1 VYLEIDNR	2451	>NOTCH1-V1 HYLEIDNR	369	2082
>NOTCH1-V1 VYLEIDNR	43	>NOTCH1-V1 HYLEIDNR	13	30
>NOTCH1-V1 IVYLEIDNR	353	>NOTCH1-V1 IHYLEIDNR	25476	25123
>NOTCH1-V1 IVYLEIDNR	39	>NOTCH1-V1 IHYLEIDNR	2615	2576
>NOTCH1-V1 IVYLEIDNR	195	>NOTCH1-V1 IHYLEIDNR	319	124

>NOTCH1-V1 SIVYLEIDNR	491	>NOTCH1-V1 SIHYLEIDNR	1458	967
>NOTCH1-V1 SIVYLEIDNR	33	>NOTCH1-V1 SIHYLEIDNR	99	66
>NOTCH1-V1 SIVYLEIDNR	272	>NOTCH1-V1 SIHYLEIDNR	285	13
>NOTCH1-V1 GSIVYLEIDNR	263	>NOTCH1-V1 GSIHYLEIDNF	334	71
>NOTCH1-V1 GSIVYLEIDNR	215	>NOTCH1-V1 GSIHYLEIDNF	207	8
>NOTCH1-V1 GSIVYLEI	266	>NOTCH1-V1 GSIHYLEI	179	87
>NOTCH1-V1 GSIVYLEIDNR	170	>NOTCH1-V1 GSIHYLEIDNF	145	25
>NOTCH1-V1 GSIVYLEI	240	>NOTCH1-V1 GSIHYLEI	238	2
>NOTCH1-V1 RGSIVYLEI	321	>NOTCH1-V1 RGSIHYLEI	2837	2516
>NOTCH1-V1 RGSIVYLEI	213	>NOTCH1-V1 RGSIHYLEI	244	31
>NOTCH1-V1 VRGSIVYL	968	>NOTCH1-V1 VRGSIHYL	373	595
>NOTCH1-V1 VRGSIVYL	446	>NOTCH1-V1 VRGSIHYL	320	126
>NOTCH1-V1 VRGSIVYLEI	401	>NOTCH1-V1 VRGSIHYLEI	717	316
>NOTCH1-V1 DVRGSIVYL	1772	>NOTCH1-V1 DVRGSIHYL	452	1320
>NOTCH1-V1 DVRGSIVY	151	>NOTCH1-V1 DVRGSIHY	152	1
>NOTCH1-V1 DVRGSIVY	27	>NOTCH1-V1 DVRGSIHY	12	15
>NOTCH1-V1 DVRGSIVYL	80	>NOTCH1-V1 DVRGSIHYL	28	52
>NOTCH1-V1 DVRGSIVY	50	>NOTCH1-V1 DVRGSIHY	42	8
>NOTCH1-V1 DVRGSIVYL	867	>NOTCH1-V1 DVRGSIHYL	380	487
>NOTCH1-V1 DVRGSIVY	1305	>NOTCH1-V1 DVRGSIHY	453	852
>NOTCH1-V1 DVRGSIVYL	390	>NOTCH1-V1 DVRGSIHYL	252	138
>NOTCH1-V1 DVRGSIVY	491	>NOTCH1-V1 DVRGSIHY	2904	2413
>NOTCH1-V1 MDVRGSIVY	1344	>NOTCH1-V1 MDVRGSIHY	405	939
>NOTCH1-V1 MDVRGSIVY	70	>NOTCH1-V1 MDVRGSIHY	582	512
>NOTCH1-V1 PMDVRGSIV\	892	>NOTCH1-V1 PMDVRGSIH\	291	601
>NOTCH1-V1 PMDVRGSIV\	85	>NOTCH1-V1 PMDVRGSIH\	56	29
>NOTCH1-V1 PMDVRGSIV\	555	>NOTCH1-V1 PMDVRGSIH\	269	286
>NOTCH1-V1 PMDVRGSIV	221	>NOTCH1-V1 PMDVRGSIH	26513	26292
>NOTCH1-V1 PMDVRGSIV\	150	>NOTCH1-V1 PMDVRGSIH\	106	44
>NOTCH1-V1 PMDVRGSIV\	284	>NOTCH1-V1 PMDVRGSIH\	108	176
>NOTCH1-V1 PMDVRGSIV	97	>NOTCH1-V1 PMDVRGSIH	33623	33526
>NOTCH1-V1 PMDVRGSIV\	138	>NOTCH1-V1 PMDVRGSIH\	68	70
>NOTCH1-V1 DPMDVRGSIV	121	>NOTCH1-V1 DPMDVRGSII	4751	4630
>NOTCH1-V1 DPMDVRGSIV	123	>NOTCH1-V1 DPMDVRGSII	278	155
>NOTCH1-V1 DPMDVRGSIV	15	>NOTCH1-V1 DPMDVRGSII	47	32
>NOTCH1-V1 DPMDVRGSIV	424	>NOTCH1-V1 DPMDVRGSII	449	25
>NOTCH1-V1 DPMDVRGSIV	140	>NOTCH1-V1 DPMDVRGSII	7771	7631
>NOTCH1-V1 DPMDVRGSIV	63	>NOTCH1-V1 DPMDVRGSII	618	555
>NOTCH1-V1 AVQSETVE	39147	>NOTCH1-V1 AEQSETVE	474	38673
>NOTCH1-V1 SLNIPYKIEAV	328	>NOTCH1-V1 SLNIPYKIEAE	24476	24148
>NOTCH1-V1 SLNIPYKIEAV	37	>NOTCH1-V1 SLNIPYKIEAE	13181	13144
>NOTCH1-V1 SLNIPYKIEAV	11	>NOTCH1-V1 SLNIPYKIEAE	17087	17076
>NOTCH1-V1 SLNIPYKIEAV	3	>NOTCH1-V1 SLNIPYKIEAE	7934	7931

>NOTCH1-V1SLNIPYKIEAV	28	>NOTCH1-V1SLNIPYKIEAE	23274	23246
>NOTCH1-V1SLNIPYKIEAV	13	>NOTCH1-V1SLNIPYKIEAE	20436	20423
>NOTCH1-V1SLNIPYKIEAV	159	>NOTCH1-V1SLNIPYKIEAE	26941	26782
>NOTCH1-V1SLNIPYKIEAV	4	>NOTCH1-V1SLNIPYKIEAE	14701	14697
>NOTCH1-V1EAVQSETV	48	>NOTCH1-V1EAEQSETV	1397	1349
>NOTCH1-V1EAVQSETV	60	>NOTCH1-V1EAEQSETV	673	613
>NOTCH1-V1IEAVQSETV	42	>NOTCH1-V1IEAEQSETV	29	13
>NOTCH1-V1IEAVQSETV	3658	>NOTCH1-V1IEAEQSETV	359	3299
>NOTCH1-V1IEAVQSETV	455	>NOTCH1-V1IEAEQSETV	180	275
>NOTCH1-V1IEAVQSETV	23	>NOTCH1-V1IEAEQSETV	14	9
>NOTCH1-V1KIEAVQSETV	100	>NOTCH1-V1KIEAEQSETV	233	133
>NOTCH1-V1KIEAVQSETV	435	>NOTCH1-V1KIEAEQSETV	364	71
>NOTCH1-V1KIEAVQSETV	394	>NOTCH1-V1KIEAEQSETV	960	566
>NOTCH1-V1KIEAVQSETV	44	>NOTCH1-V1KIEAEQSETV	36	8
>NOTCH1-V1YKIEAVQSET\	42	>NOTCH1-V1YKIEAEQSET\	82	40
>NOTCH1-V1YKIEAVQSET\	62	>NOTCH1-V1YKIEAEQSET\	104	42
>NOTCH1-V1YKIEAVQSET\	122	>NOTCH1-V1YKIEAEQSET\	167	45
>NOTCH1-V1YKIEAVQSET\	269	>NOTCH1-V1YKIEAEQSET\	349	80
>NOTCH1-V1YKIEAVQSET\	103	>NOTCH1-V1YKIEAEQSET\	126	23
>NOTCH1-V1YKIEAVQSE	488	>NOTCH1-V1YKIEAEQSE	1652	1164
>NOTCH1-V1YKIEAVQSET	298	>NOTCH1-V1YKIEAEQSET	496	198
>NOTCH1-V1YKIEAVQSET\	20	>NOTCH1-V1YKIEAEQSET\	29	9
>NOTCH1-V1YKIEAVQSET\	208	>NOTCH1-V1YKIEAEQSET\	322	114
>NOTCH1-V1IPYKIEAV	243	>NOTCH1-V1IPYKIEAE	34967	34724
>NOTCH1-V1IPYKIEAV	150	>NOTCH1-V1IPYKIEAE	15075	14925
>NOTCH1-V1IPYKIEAVQ	440	>NOTCH1-V1IPYKIEAEQ	410	30
>NOTCH1-V1IPYKIEAV	149	>NOTCH1-V1IPYKIEAE	13406	13257
>NOTCH1-V1IPYKIEAV	29	>NOTCH1-V1IPYKIEAE	780	751
>NOTCH1-V1IPYKIEAVQ	364	>NOTCH1-V1IPYKIEAEQ	848	484
>NOTCH1-V1NIPYKIEAV	475	>NOTCH1-V1NIPYKIEAE	27907	27432
>NOTCH1-V1NIPYKIEAV	98	>NOTCH1-V1NIPYKIEAE	23530	23432
>NOTCH1-V1NIPYKIEAV	144	>NOTCH1-V1NIPYKIEAE	26096	25952
>NOTCH1-V1NIPYKIEAV	348	>NOTCH1-V1NIPYKIEAE	30644	30296
>NOTCH1-V1NIPYKIEAV	16	>NOTCH1-V1NIPYKIEAE	18747	18731
>NOTCH1-V1LNIPYKIEAV	456	>NOTCH1-V1LNIPYKIEAE	25652	25196
>NOTCH1-V1SLNIPYKIEAV	328	>NOTCH1-V1SLNIPYKIEAG	22978	22650
>NOTCH1-V1SLNIPYKIEAV	37	>NOTCH1-V1SLNIPYKIEAG	6820	6783
>NOTCH1-V1SLNIPYKIEAV	11	>NOTCH1-V1SLNIPYKIEAG	8902	8891
>NOTCH1-V1SLNIPYKIEAV	3	>NOTCH1-V1SLNIPYKIEAG	2550	2547
>NOTCH1-V1SLNIPYKIEAV	28	>NOTCH1-V1SLNIPYKIEAG	18329	18301
>NOTCH1-V1SLNIPYKIEAV	13	>NOTCH1-V1SLNIPYKIEAG	15881	15868
>NOTCH1-V1SLNIPYKIEAV	159	>NOTCH1-V1SLNIPYKIEAG	26034	25875
>NOTCH1-V1SLNIPYKIEAV	4	>NOTCH1-V1SLNIPYKIEAG	14272	14268

>NOTCH1-V1 EAVQSETV	48	>NOTCH1-V1 EAGQSETV	669	621
>NOTCH1-V1 EAVQSETV	60	>NOTCH1-V1 EAGQSETV	188	128
>NOTCH1-V1 IEAVQSETV	42	>NOTCH1-V1 IEAGQSETV	92	50
>NOTCH1-V1 IEAVQSETV	455	>NOTCH1-V1 IEAGQSETV	75	380
>NOTCH1-V1 IEAVQSETV	23	>NOTCH1-V1 IEAGQSETV	69	46
>NOTCH1-V1 KIEAVQSETV	100	>NOTCH1-V1 KIEAGQSETV	158	58
>NOTCH1-V1 KIEAVQSETV	435	>NOTCH1-V1 KIEAGQSETV	448	13
>NOTCH1-V1 KIEAVQSETV	394	>NOTCH1-V1 KIEAGQSETV	530	136
>NOTCH1-V1 KIEAVQSETV	44	>NOTCH1-V1 KIEAGQSETV	17	27
>NOTCH1-V1 YKIEAVQSETV	42	>NOTCH1-V1 YKIEAGQSETV	68	26
>NOTCH1-V1 YKIEAVQSETV	62	>NOTCH1-V1 YKIEAGQSETV	85	23
>NOTCH1-V1 YKIEAVQSETV	122	>NOTCH1-V1 YKIEAGQSETV	197	75
>NOTCH1-V1 YKIEAVQSETV	269	>NOTCH1-V1 YKIEAGQSETV	422	153
>NOTCH1-V1 YKIEAVQSETV	103	>NOTCH1-V1 YKIEAGQSETV	123	20
>NOTCH1-V1 YKIEAVQSE	488	>NOTCH1-V1 YKIEAGQSE	400	88
>NOTCH1-V1 YKIEAVQSET	298	>NOTCH1-V1 YKIEAGQSET	250	48
>NOTCH1-V1 YKIEAVQSETV	20	>NOTCH1-V1 YKIEAGQSETV	23	3
>NOTCH1-V1 YKIEAVQSETV	208	>NOTCH1-V1 YKIEAGQSETV	267	59
>NOTCH1-V1 IPYKIEAV	243	>NOTCH1-V1 IPYKIEAG	30629	30386
>NOTCH1-V1 IPYKIEAV	150	>NOTCH1-V1 IPYKIEAG	19286	19136
>NOTCH1-V1 IPYKIEAVQ	440	>NOTCH1-V1 IPYKIEAGQ	1632	1192
>NOTCH1-V1 IPYKIEAV	149	>NOTCH1-V1 IPYKIEAG	9778	9629
>NOTCH1-V1 IPYKIEAV	29	>NOTCH1-V1 IPYKIEAG	235	206
>NOTCH1-V1 IPYKIEAVQ	364	>NOTCH1-V1 IPYKIEAGQ	1320	956
>NOTCH1-V1 NIPYKIEAV	475	>NOTCH1-V1 NIPYKIEAG	20232	19757
>NOTCH1-V1 NIPYKIEAV	98	>NOTCH1-V1 NIPYKIEAG	19744	19646
>NOTCH1-V1 NIPYKIEAV	144	>NOTCH1-V1 NIPYKIEAG	21821	21677
>NOTCH1-V1 NIPYKIEAV	348	>NOTCH1-V1 NIPYKIEAG	27495	27147
>NOTCH1-V1 NIPYKIEAV	16	>NOTCH1-V1 NIPYKIEAG	5786	5770
>NOTCH1-V1 LNIPYKIEAV	456	>NOTCH1-V1 LNIPYKIEAG	22784	22328
>NOTCH1-V1 VQSETVEPP	1044	>NOTCH1-V1 MQSETVEPP	209	835
>NOTCH1-V1 VQSETVEPP	1161	>NOTCH1-V1 MQSETVEPP	349	812
>NOTCH1-V1 VQSETVEPPP	1657	>NOTCH1-V1 MQSETVEPPI	467	1190
>NOTCH1-V1 SLNIPYKIEAV	328	>NOTCH1-V1 SLNIPYKIEAN	4853	4525
>NOTCH1-V1 SLNIPYKIEAV	37	>NOTCH1-V1 SLNIPYKIEAN	505	468
>NOTCH1-V1 SLNIPYKIEAV	11	>NOTCH1-V1 SLNIPYKIEAN	786	775
>NOTCH1-V1 SLNIPYKIEAV	3	>NOTCH1-V1 SLNIPYKIEAN	93	90
>NOTCH1-V1 SLNIPYKIEAV	28	>NOTCH1-V1 SLNIPYKIEAN	2535	2507
>NOTCH1-V1 SLNIPYKIEAV	13	>NOTCH1-V1 SLNIPYKIEAN	2103	2090
>NOTCH1-V1 SLNIPYKIEAV	159	>NOTCH1-V1 SLNIPYKIEAN	6458	6299
>NOTCH1-V1 SLNIPYKIEAV	4	>NOTCH1-V1 SLNIPYKIEAN	547	543
>NOTCH1-V1 EAVQSETV	48	>NOTCH1-V1 EAMQSETV	20	28
>NOTCH1-V1 EAVQSETV	60	>NOTCH1-V1 EAMQSETV	18	42

>NOTCH1-V1 IEAVQSETV	42	>NOTCH1-V1 IEAMQSETV	20	22
>NOTCH1-V1 IEAVQSETV	455	>NOTCH1-V1 IEAMQSETV	227	228
>NOTCH1-V1 IEAVQSETV	23	>NOTCH1-V1 IEAMQSETV	38	15
>NOTCH1-V1 KIEAVQSETV	100	>NOTCH1-V1 KIEAMQSETV	368	268
>NOTCH1-V1 KIEAVQSETV	435	>NOTCH1-V1 KIEAMQSETV	669	234
>NOTCH1-V1 KIEAVQSETV	394	>NOTCH1-V1 KIEAMQSETV	1095	701
>NOTCH1-V1 KIEAVQSETV	44	>NOTCH1-V1 KIEAMQSETV	29	15
>NOTCH1-V1 YKIEAVQSETV	42	>NOTCH1-V1 YKIEAMQSET	38	4
>NOTCH1-V1 YKIEAVQSETV	62	>NOTCH1-V1 YKIEAMQSET	105	43
>NOTCH1-V1 YKIEAVQSETV	122	>NOTCH1-V1 YKIEAMQSET	200	78
>NOTCH1-V1 YKIEAVQSETV	269	>NOTCH1-V1 YKIEAMQSET	495	226
>NOTCH1-V1 YKIEAVQSETV	103	>NOTCH1-V1 YKIEAMQSET	143	40
>NOTCH1-V1 YKIEAVQSE	488	>NOTCH1-V1 YKIEAMQSE	1121	633
>NOTCH1-V1 YKIEAVQSET	298	>NOTCH1-V1 YKIEAMQSET	457	159
>NOTCH1-V1 YKIEAVQSETV	20	>NOTCH1-V1 YKIEAMQSET	26	6
>NOTCH1-V1 YKIEAVQSETV	208	>NOTCH1-V1 YKIEAMQSET	250	42
>NOTCH1-V1 IPYKIEAV	243	>NOTCH1-V1 IPYKIEAM	27	216
>NOTCH1-V1 IPYKIEAV	150	>NOTCH1-V1 IPYKIEAM	28	122
>NOTCH1-V1 IPYKIEAV	831	>NOTCH1-V1 IPYKIEAM	14	817
>NOTCH1-V1 IPYKIEAVQ	440	>NOTCH1-V1 IPYKIEAMQ	1427	987
>NOTCH1-V1 IPYKIEAV	149	>NOTCH1-V1 IPYKIEAM	715	566
>NOTCH1-V1 IPYKIEAV	665	>NOTCH1-V1 IPYKIEAM	111	554
>NOTCH1-V1 IPYKIEAV	29	>NOTCH1-V1 IPYKIEAM	1487	1458
>NOTCH1-V1 IPYKIEAVQ	364	>NOTCH1-V1 IPYKIEAMQ	619	255
>NOTCH1-V1 IPYKIEAV	1262	>NOTCH1-V1 IPYKIEAM	181	1081
>NOTCH1-V1 IPYKIEAV	644	>NOTCH1-V1 IPYKIEAM	203	441
>NOTCH1-V1 NIPYKIEAV	475	>NOTCH1-V1 NIPYKIEAM	5760	5285
>NOTCH1-V1 NIPYKIEAV	98	>NOTCH1-V1 NIPYKIEAM	6416	6318
>NOTCH1-V1 NIPYKIEAV	144	>NOTCH1-V1 NIPYKIEAM	5141	4997
>NOTCH1-V1 NIPYKIEAV	348	>NOTCH1-V1 NIPYKIEAM	10256	9908
>NOTCH1-V1 NIPYKIEAV	10371	>NOTCH1-V1 NIPYKIEAM	370	10001
>NOTCH1-V1 NIPYKIEAV	16	>NOTCH1-V1 NIPYKIEAM	776	760
>NOTCH1-V1 LNIPYKIEAV	456	>NOTCH1-V1 LNIPYKIEAM	6509	6053
>NOTCH1-V2 VLGSSSGGAL	198	>NOTCH1-V2 ILGSSSGGAL	65	133
>NOTCH1-V2 VLGSSSGGA	68	>NOTCH1-V2 ILGSSSGGA	51	17
>NOTCH1-V2 VLGSSSGGAL	320	>NOTCH1-V2 ILGSSSGGAL	108	212
>NOTCH1-V2 VLGSSSGGA	142	>NOTCH1-V2 ILGSSSGGA	175	33
>NOTCH1-V2 VLGSSSGGAL	40	>NOTCH1-V2 ILGSSSGGAL	50	10
>NOTCH1-V2 VLGSSSGGAL	133	>NOTCH1-V2 ILGSSSGGAL	214	81
>NOTCH1-V2 VLGSSSGGA	372	>NOTCH1-V2 ILGSSSGGA	857	485
>NOTCH1-V2 VLGSSSGGAL	423	>NOTCH1-V2 ILGSSSGGAL	867	444
>NOTCH1-V2 VLGSSSGGA	54	>NOTCH1-V2 ILGSSSGGA	77	23
>NOTCH1-V2 VLGSSSGGAL	27	>NOTCH1-V2 ILGSSSGGAL	36	9



>NOTCH1-V2 VLGSSSGGAL	488	>NOTCH1-V2 ILGSSSGGAL	338	150
>NOTCH1-V2 TVLGSSSGGA	261	>NOTCH1-V2 TILGSSSGGA	135	126
>NOTCH1-V2 TVLGSSSGGA	485	>NOTCH1-V2 TILGSSSGGAL	2161	1676
>NOTCH1-V2 TVLGSSSGGA	170	>NOTCH1-V2 TILGSSSGGA	367	197
>NOTCH1-V2 TVLGSSSGGA	170	>NOTCH1-V2 TILGSSSGGAL	367	197
>NOTCH1-V2 TVLGSSSGGA	495	>NOTCH1-V2 TILGSSSGGAL	1852	1357
>NOTCH1-V2 TVLGSSSGGA	490	>NOTCH1-V2 TILGSSSGGAL	403	87
>NOTCH1-V2 HLPVASGTST	128	>NOTCH1-V2 HLPVASGTST	657	529
>NOTCH1-V2 HLPVASGTST	14	>NOTCH1-V2 HLPVASGTST	58	44
>NOTCH1-V2 HLPVASGTST	278	>NOTCH1-V2 HLPVASGTST	2055	1777
>NOTCH1-V2 HLPVASGTST	25	>NOTCH1-V2 HLPVASGTST	340	315
>NOTCH1-V2 HLPVASGTST	18	>NOTCH1-V2 HLPVASGTST	160	142
>NOTCH1-V2 HLPVASGTST	16	>NOTCH1-V2 HLPVASGTST	319	303
>NOTCH1-V2 HLPVASGTST	46	>NOTCH1-V2 HLPVASGTST	1385	1339
>NOTCH1-V2 HLPVASGTST	4	>NOTCH1-V2 HLPVASGTST	71	67
>NOTCH1-V2 HLPVASGTST	270	>NOTCH1-V2 HLPVASGTST	1577	1307
>NOTCH1-V2 STVLGSSSGG	191	>NOTCH1-V2 STILGSSSGG	103	88
>NOTCH1-V2 STVLGSSSG	344	>NOTCH1-V2 STILGSSSG	505	161
>NOTCH1-V2 GTSTVLGSSSG	317	>NOTCH1-V2 GTSTILGSSSG	281	36
>NOTCH1-V2 ASGTSTVL	114	>NOTCH1-V2 ASGTSTIL	209	95
>NOTCH1-V2 ASGTSTVL	448	>NOTCH1-V2 ASGTSTIL	827	379
>NOTCH1-V2 VASGTSTV	192	>NOTCH1-V2 VASGTSTI	1377	1185
>NOTCH1-V2 VASGTSTV	351	>NOTCH1-V2 VASGTSTI	2214	1863
>NOTCH1-V2 VASGTSTV	245	>NOTCH1-V2 VASGTSTI	3453	3208
>NOTCH1-V2 VASGTSTV	17	>NOTCH1-V2 VASGTSTI	3534	3517
>NOTCH1-V2 VASGTSTV	814	>NOTCH1-V2 VASGTSTI	97	717
>NOTCH1-V2 VASGTSTVL	54	>NOTCH1-V2 VASGTSTIL	137	83
>NOTCH1-V2 VASGTSTVL	613	>NOTCH1-V2 VASGTSTIL	353	260
>NOTCH1-V2 VASGTSTVL	168	>NOTCH1-V2 VASGTSTIL	191	23
>NOTCH1-V2 VASGTSTV	7005	>NOTCH1-V2 VASGTSTI	104	6901
>NOTCH1-V2 PVASGTSTV	145	>NOTCH1-V2 PVASGTSTI	1033	888
>NOTCH1-V2 PVASGTSTV	268	>NOTCH1-V2 PVASGTSTI	4723	4455
>NOTCH1-V2 PVASGTSTV	35	>NOTCH1-V2 PVASGTSTI	6227	6192
>NOTCH1-V2 PVASGTSTV	390	>NOTCH1-V2 PVASGTSTI	2305	1915
>NOTCH1-V2 LPVASGTSTV	1561	>NOTCH1-V2 LPVASGTSTI	250	1311
>NOTCH1-V2 LPVASGTSTV	94	>NOTCH1-V2 LPVASGTSTI	63	31
>NOTCH1-V2 LPVASGTSTV	40	>NOTCH1-V2 LPVASGTSTIL	52	12
>NOTCH1-V2 LPVASGTSTV	114	>NOTCH1-V2 LPVASGTSTI	160	46
>NOTCH1-V2 LPVASGTSTV	14	>NOTCH1-V2 LPVASGTSTIL	17	3
>NOTCH1-V2 LPVASGTSTV	419	>NOTCH1-V2 LPVASGTSTIL	572	153
>NOTCH1-V2 LPVASGTSTV	33	>NOTCH1-V2 LPVASGTSTIL	52	19
>NOTCH1-V2 LPVASGTSTV	59	>NOTCH1-V2 LPVASGTSTIL	125	66
>NOTCH1-V2 LPVASGTSTV	594	>NOTCH1-V2 LPVASGTSTIL	369	225

>NOTCH1-V2 LPVASGTSTV	878	>NOTCH1-V2 LPVASGTSTI	419	459
>NOTCH1-V2 LPVASGTSTV	84	>NOTCH1-V2 LPVASGTSTIL	73	11
>NOTCH1-V2 LPVASGTSTV	184	>NOTCH1-V2 LPVASGTSTI	1242	1058
>NOTCH1-V2 LPVASGTSTV	142	>NOTCH1-V2 LPVASGTSTIL	384	242
>NOTCH1-V2 VSSAASGHL	4365	>NOTCH1-V2 MSSAASGHL	417	3948
>NOTCH1-V2 VSSAASGHLC	600	>NOTCH1-V2 MSSAASGHLC	234	366
>NOTCH1-V2 VSSAASGHL	4258	>NOTCH1-V2 MSSAASGHL	312	3946
>NOTCH1-V2 VSSAASGHLC	810	>NOTCH1-V2 MSSAASGHLC	102	708
>NOTCH1-V2 VSSAASGHLC	304	>NOTCH1-V2 MSSAASGHLC	10	294
>NOTCH1-V2 VSSAASGHL	3940	>NOTCH1-V2 MSSAASGHL	36	3904
>NOTCH1-V2 VSSAASGHL	459	>NOTCH1-V2 MSSAASGHL	219	240
>NOTCH1-V2 VSSAASGH	362	>NOTCH1-V2 MSSAASGH	186	176
>NOTCH1-V2 VSSAASGHL	21	>NOTCH1-V2 MSSAASGHL	13	8
>NOTCH1-V2 VSSAASGHL	459	>NOTCH1-V2 MSSAASGHL	89	370
>NOTCH1-V2 VSSAASGHL	448	>NOTCH1-V2 MSSAASGHL	656	208
>NOTCH1-V2 VSSAASGHL	354	>NOTCH1-V2 MSSAASGHL	90	264
>NOTCH1-V2 GVSSAASGHI	472	>NOTCH1-V2 GMSSAASGH	39	433
>NOTCH1-V2 GVSSAASGHI	1158	>NOTCH1-V2 GMSSAASGH	137	1021
>NOTCH1-V2 GVSSAASGHI	10160	>NOTCH1-V2 GMSSAASGH	184	9976
>NOTCH1-V2 GVSSAASGHI	8473	>NOTCH1-V2 GMSSAASGH	56	8417
>NOTCH1-V2 GVSSAASGHI	5270	>NOTCH1-V2 GMSSAASGH	43	5227
>NOTCH1-V2 GVSSAASGHI	4618	>NOTCH1-V2 GMSSAASGH	35	4583
>NOTCH1-V2 GVSSAASGHI	1705	>NOTCH1-V2 GMSSAASGH	164	1541
>NOTCH1-V2 GVSSAASGH	116	>NOTCH1-V2 GMSSAASGH	1071	955
>NOTCH1-V2 PPPPPQPHLC	2531	>NOTCH1-V2 PPPPPQPHLC	334	2197
>NOTCH1-V2 LGVSSAASGH	1480	>NOTCH1-V2 LGMSSAASGI	479	1001
>NOTCH1-V2 HLGVSSAA	422	>NOTCH1-V2 HLMSSAA	433	11
>NOTCH1-V2 HLGVSSAA	290	>NOTCH1-V2 HLMSSAA	132	158
>NOTCH1-V2 HLGVSSAA	206	>NOTCH1-V2 HLMSSAA	251	45
>NOTCH1-V2 HLGVSSAA	133	>NOTCH1-V2 HLMSSAA	55	78
>NOTCH1-V2 QPHLGVSSA	259	>NOTCH1-V2 QPHLMSSA	120	139
>NOTCH1-V2 QPHLGVSSA	674	>NOTCH1-V2 QPHLMSSA	254	420
>NOTCH1-V2 QPHLGVSSA/	50	>NOTCH1-V2 QPHLMSSA	83	33
>NOTCH1-V2 VQPLGPSSLA	159	>NOTCH1-V2 AQPLGPSSLA	108	51
>NOTCH1-V2 VQPLGPSSL	719	>NOTCH1-V2 AQPLGPSSL	488	231
>NOTCH1-V2 VQPLGPSSLA	29	>NOTCH1-V2 AQPLGPSSLA	21	8
>NOTCH1-V2 VQPLGPSSL	421	>NOTCH1-V2 AQPLGPSSL	216	205
>NOTCH1-V2 VQPLGPSSLA	560	>NOTCH1-V2 AQPLGPSSLA	326	234
>NOTCH1-V2 FLSGEPSQAD	22	>NOTCH1-V2 FLSGEPSQAD	147	125
>NOTCH1-V2 FLSGEPSQAD	3	>NOTCH1-V2 FLSGEPSQAD	8	5
>NOTCH1-V2 FLSGEPSQAD	3	>NOTCH1-V2 FLSGEPSQAD	7	4
>NOTCH1-V2 FLSGEPSQAD	68	>NOTCH1-V2 FLSGEPSQAD	817	749
>NOTCH1-V2 FLSGEPSQAD	3	>NOTCH1-V2 FLSGEPSQAD	52	49

>NOTCH1-V2 FLSGEPSQAD	8	>NOTCH1-V2 FLSGEPSQAD	136	128
>NOTCH1-V2 FLSGEPSQAD	6	>NOTCH1-V2 FLSGEPSQAD	49	43
>NOTCH1-V2 FLSGEPSQAD	4	>NOTCH1-V2 FLSGEPSQAD	74	70
>NOTCH1-V2 FLSGEPSQAD	1	>NOTCH1-V2 FLSGEPSQAD	3	2
>NOTCH1-V2 ADVQPLGPS	375	>NOTCH1-V2 ADAQPLGPS	470	95
>NOTCH1-V2 SQADVQPL	76	>NOTCH1-V2 SQADAQPL	220	144
>NOTCH1-V2 SQADVQPL	28	>NOTCH1-V2 SQADAQPL	67	39
>NOTCH1-V2 SQADVQPL	121	>NOTCH1-V2 SQADAQPL	284	163
>NOTCH1-V2 SQADVQPL	10	>NOTCH1-V2 SQADAQPL	16	6
>NOTCH1-V2 SQADVQPLG	266	>NOTCH1-V2 SQADAQPLG	312	46
>NOTCH1-V2 SQADVQPL	183	>NOTCH1-V2 SQADAQPL	970	787
>NOTCH1-V2 SQADVQPL	114	>NOTCH1-V2 SQADAQPL	317	203
>NOTCH1-V2 SQADVQPL	143	>NOTCH1-V2 SQADAQPL	134	9
>NOTCH1-V2 SQADVQPL	102	>NOTCH1-V2 SQADAQPL	80	22
>NOTCH1-V2 SQADVQPL	36	>NOTCH1-V2 SQADAQPL	36	0
>NOTCH1-V2 EPSQADVQ	187	>NOTCH1-V2 EPSQADAQ	60	127
>NOTCH1-V2 EPSQADVQPI	189	>NOTCH1-V2 EPSQADAQPI	158	31
>NOTCH1-V2 EPSQADVQPI	288	>NOTCH1-V2 EPSQADAQPI	760	472
>NOTCH1-V2 GEPSQADVQ	306	>NOTCH1-V2 GEPSQADAQ	188	118
>NOTCH1-V2 GEPSQADVQ	467	>NOTCH1-V2 GEPSQADAQ	739	272
>NOTCH1-V2 GEPSQADVQ	54	>NOTCH1-V2 GEPSQADAQ	108	54
>NOTCH1-V2 VSSPPTSM	139	>NOTCH1-V2 ISSPPTSM	54	85
>NOTCH1-V2 VSSPPTSM	7	>NOTCH1-V2 ISSPPTSM	5	2
>NOTCH1-V2 VSSPPTSMQ	964	>NOTCH1-V2 ISSPPTSMQ	471	493
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>NOTCH1-V2 VSSPPTSM	135	>NOTCH1-V2 ISSPPTSM	66	69
>NOTCH1-V2 VSSPPTSM	422	>NOTCH1-V2 ISSPPTSM	798	376
>NOTCH1-V2 VSSPPTSM	203	>NOTCH1-V2 ISSPPTSM	164	39
>NOTCH1-V2 VSSPPTSMQ	49	>NOTCH1-V2 ISSPPTSMQ	27	22
>NOTCH1-V2 VSSPPTSM	186	>NOTCH1-V2 ISSPPTSM	103	83
>NOTCH1-V2 GVSSPPTSM	13	>NOTCH1-V2 GISSPPTSM	41	28
>NOTCH1-V2 HSNVSDWSE	33	>NOTCH1-V2 HSNVSDWSE	151	118
>NOTCH1-V2 HSNVSDWSE	330	>NOTCH1-V2 HSNVSDWSE	1325	995
>NOTCH1-V2 HSNVSDWSE	511	>NOTCH1-V2 HSNVSDWSE	72	439
>NOTCH1-V2 HSNVSDWSE	5381	>NOTCH1-V2 HSNVSDWSE	192	5189
>NOTCH1-V2 HSNVSDWSE	6207	>NOTCH1-V2 HSNVSDWSE	87	6120
>NOTCH1-V2 SEGVSSPPT	315	>NOTCH1-V2 SEGISSPPT	255	60
>NOTCH1-V2 SEGVSSPPTSI	479	>NOTCH1-V2 SEGISSPPTSM	410	69
>NOTCH1-V2 SEGVSSPPT	21	>NOTCH1-V2 SEGISSPPT	25	4
>NOTCH1-V2 SEGVSSPPTSI	329	>NOTCH1-V2 SEGISSPPTSM	359	30
>NOTCH1-V2 VSDWSEGV	222	>NOTCH1-V2 VSDWSEGI	2168	1946
>NOTCH1-V2 VSDWSEGV	1112	>NOTCH1-V2 VSDWSEGI	211	901
>NOTCH1-V2 VSDWSEGV	11847	>NOTCH1-V2 VSDWSEGI	212	11635

>NOTCH1-V2 NVSDWSEGV	203	>NOTCH1-V2 NVSDWSEGI	955	752
>NOTCH1-V2 NVSDWSEGV	44	>NOTCH1-V2 NVSDWSEGI	147	103
>NOTCH1-V2 NVSDWSEGV	24	>NOTCH1-V2 NVSDWSEGI	140	116
>NOTCH1-V2 NVSDWSEGV	17	>NOTCH1-V2 NVSDWSEGI	50	33
>NOTCH1-V2 NVSDWSEGV	18	>NOTCH1-V2 NVSDWSEGI	194	176
>NOTCH1-V2 NVSDWSEGV	78	>NOTCH1-V2 NVSDWSEGI	831	753
>NOTCH1-V2 NVSDWSEGV	86	>NOTCH1-V2 NVSDWSEGI	2311	2225
>NOTCH1-V2 NVSDWSEGV	7	>NOTCH1-V2 NVSDWSEGI	71	64
>NOTCH1-V2 NVSDWSEGV	7	>NOTCH1-V2 NVSDWSEGI	719	712
>NOTCH1-V2 NVSDWSEGV	6	>NOTCH1-V2 NVSDWSEGI	9	3
>NOTCH1-V2 NVSDWSEGV	4	>NOTCH1-V2 NVSDWSEGI	9	5
>NOTCH1-Y1 YYGREEEL	238	>NOTCH1-Y1 NYGREEEL	1536	1298
>NOTCH1-Y1 YYGREEEL	338	>NOTCH1-Y1 NYGREEEL	1937	1599
>NOTCH1-Y1 YYGREEEL	5	>NOTCH1-Y1 NYGREEEL	20	15
>NOTCH1-Y1 YYGREEELR	74	>NOTCH1-Y1 NYGREEELR	86	12
>NOTCH1-Y1 PYYGREEEL	87	>NOTCH1-Y1 PNYGREEEL	24506	24419
>NOTCH1-Y1 PYYGREEELR	64	>NOTCH1-Y1 PNYGREEELR	3501	3437
>NOTCH1-Y1 DAHGQQMIF	468	>NOTCH1-Y1 DAHGQQMIF	20708	20240
>NOTCH1-Y1 DAHGQQMIF	194	>NOTCH1-Y1 DAHGQQMIF	30141	29947
>NOTCH1-Y1 DAHGQQMIF	452	>NOTCH1-Y1 DAHGQQMIF	24467	24015
>NOTCH1-Y1 DAHGQQMIF	45	>NOTCH1-Y1 DAHGQQMIF	12086	12041
>NOTCH1-Y1 FPYYGREEEL	25	>NOTCH1-Y1 FPNYGREEEL	114	89
>NOTCH1-Y1 FPYYGREEELI	73	>NOTCH1-Y1 FPNYGREEEL	203	130
>NOTCH1-Y1 FPYYGREEEL	314	>NOTCH1-Y1 FPNYGREEEL	333	19
>NOTCH1-Y1 FPYYGREEEL	81	>NOTCH1-Y1 FPNYGREEEL	109	28
>NOTCH1-Y1 FPYYGREEEL	338	>NOTCH1-Y1 FPNYGREEEL	1447	1109
>NOTCH1-Y1 FPYYGREEEL	128	>NOTCH1-Y1 FPNYGREEEL	155	27
>NOTCH1-Y1 FPYYGREEE	175	>NOTCH1-Y1 FPNYGREEE	630	455
>NOTCH1-Y1 FPYYGREEE	464	>NOTCH1-Y1 FPNYGREEE	1538	1074
>NOTCH1-Y1 FPYYGREEEL	225	>NOTCH1-Y1 FPNYGREEEL	911	686
>NOTCH1-Y1 FPYYGREEELI	438	>NOTCH1-Y1 FPNYGREEEL	1621	1183
>NOTCH1-Y1 FPYYGREEEL	48	>NOTCH1-Y1 FPNYGREEEL	163	115
>NOTCH1-Y1 IFPYYGREEEL	180	>NOTCH1-Y1 IFPNYGREEEL	107	73
>NOTCH1-Y1 MIFPYYGR	257	>NOTCH1-Y1 MIFPNYGR	17272	17015
>NOTCH1-Y1 MIFPYYGR	265	>NOTCH1-Y1 MIFPNYGR	425	160
>NOTCH1-Y1 MIFPYYGR	23	>NOTCH1-Y1 MIFPNYGR	41	18
>NOTCH1-Y1 MIFPYYGR	8	>NOTCH1-Y1 MIFPNYGR	13	5
>NOTCH1-Y1 MIFPYYGR	23	>NOTCH1-Y1 MIFPNYGR	65	42
>NOTCH1-Y1 MIFPYYGR	4	>NOTCH1-Y1 MIFPNYGR	3	1
>NOTCH1-Y1 MIFPYYGR	39	>NOTCH1-Y1 MIFPNYGR	30	9
>NOTCH1-Y1 QMIFPYYGR	182	>NOTCH1-Y1 QMIFPNYGR	421	239
>NOTCH1-Y1 QMIFPYYGR	14	>NOTCH1-Y1 QMIFPNYGR	43	29
>NOTCH1-Y1 QMIFPYYGR	150	>NOTCH1-Y1 QMIFPNYGR	220	70

>NOTCH1-Y1 QMIFPYYGR	68	>NOTCH1-Y1 QMIFPNYGR	47	21
>NOTCH1-Y1 QMIFPYYGR	55	>NOTCH1-Y1 QMIFPNYGR	41	14
>NOTCH1-Y1 QQMIFPYYGI	465	>NOTCH1-Y1 QQMIFPNYG	781	316
>NOTCH1-Y1 QQMIFPYY	133	>NOTCH1-Y1 QQMIFPNY	860	727
>NOTCH1-Y1 QQMIFPYYGI	68	>NOTCH1-Y1 QQMIFPNYG	123	55
>NOTCH1-Y1 QQMIFPYY	52	>NOTCH1-Y1 QQMIFPNY	366	314
>NOTCH1-Y1 QQMIFPYY	43	>NOTCH1-Y1 QQMIFPNY	140	97
>NOTCH1-Y1 QQMIFPYYGI	16	>NOTCH1-Y1 QQMIFPNYG	29	13
>NOTCH1-Y1 QQMIFPYYGI	217	>NOTCH1-Y1 QQMIFPNYG	507	290
>NOTCH1-Y1 QQMIFPYYGI	34	>NOTCH1-Y1 QQMIFPNYG	27	7
>NOTCH1-Y1 QQMIFPYY	98	>NOTCH1-Y1 QQMIFPNY	150	52
>NOTCH1-Y1 QQMIFPYY	388	>NOTCH1-Y1 QQMIFPNY	360	28
>NOTCH1-Y1 QQMIFPYY	7	>NOTCH1-Y1 QQMIFPNY	6	1
>NOTCH1-Y1 QQMIFPYYGI	335	>NOTCH1-Y1 QQMIFPNYG	1048	713
>NOTCH1-Y1 QQMIFPYYGI	26	>NOTCH1-Y1 QQMIFPNYG	32	6
>NOTCH1-Y1 GQQMIFPY	270	>NOTCH1-Y1 GQQMIFPN	17022	16752
>NOTCH1-Y1 GQQMIFPYY	138	>NOTCH1-Y1 GQQMIFPNY	865	727
>NOTCH1-Y1 GQQMIFPYYC	287	>NOTCH1-Y1 GQQMIFPNY	568	281
>NOTCH1-Y1 GQQMIFPY	337	>NOTCH1-Y1 GQQMIFPN	24967	24630
>NOTCH1-Y1 GQQMIFPYY	85	>NOTCH1-Y1 GQQMIFPNY	485	400
>NOTCH1-Y1 GQQMIFPY	113	>NOTCH1-Y1 GQQMIFPN	24023	23910
>NOTCH1-Y1 GQQMIFPYY	18	>NOTCH1-Y1 GQQMIFPNY	52	34
>NOTCH1-Y1 GQQMIFPYYC	16	>NOTCH1-Y1 GQQMIFPNY	33	17
>NOTCH1-Y1 GQQMIFPY	43	>NOTCH1-Y1 GQQMIFPN	7604	7561
>NOTCH1-Y1 GQQMIFPYY	50	>NOTCH1-Y1 GQQMIFPNY	77	27
>NOTCH1-Y1 GQQMIFPY	76	>NOTCH1-Y1 GQQMIFPN	14152	14076
>NOTCH1-Y1 GQQMIFPYY	76	>NOTCH1-Y1 GQQMIFPNY	55	21
>NOTCH1-Y1 GQQMIFPYY	439	>NOTCH1-Y1 GQQMIFPNY	714	275
>NOTCH1-Y1 GQQMIFPYYC	418	>NOTCH1-Y1 GQQMIFPNY	584	166
>NOTCH1-Y1 HGQQMIFPY	148	>NOTCH1-Y1 HGQQMIFPN	349	201
>NOTCH1-Y1 HGQQMIFPY	213	>NOTCH1-Y1 HGQQMIFPN	25164	24951
>NOTCH1-Y1 HGQQMIFPY	281	>NOTCH1-Y1 HGQQMIFPN	376	95
>NOTCH1-Y1 HGQQMIFPY	193	>NOTCH1-Y1 HGQQMIFPN	18087	17894
>NOTCH1-Y1 HGQQMIFPY	475	>NOTCH1-Y1 HGQQMIFPN	26112	25637
>NOTCH1-Y1 HGQQMIFPY	48	>NOTCH1-Y1 HGQQMIFPN	12547	12499
>NOTCH1-Y1 HGQQMIFPY	57	>NOTCH1-Y1 HGQQMIFPN	23039	22982
>NOTCH1-Y1 AHGQQMIFP	161	>NOTCH1-Y1 AHGQQMIFP	743	582
>NOTCH1-Y1 AHGQQMIFP	136	>NOTCH1-Y1 AHGQQMIFP	415	279
>NOTCH1-Y1 AHGQQMIFP	251	>NOTCH1-Y1 AHGQQMIFP	25333	25082
>NOTCH1-Y1 AHGQQMIFP	251	>NOTCH1-Y1 AHGQQMIFP	295	44
>NOTCH1-Y1 YKIEAVQSET\	801	>NOTCH1-Y1 FKIEAVQSET\	186	615
>NOTCH1-Y1 YKIEAVQSET\	507	>NOTCH1-Y1 FKIEAVQSET\	291	216
>NOTCH1-Y1 YKIEAVQSET\	42	>NOTCH1-Y1 FKIEAVQSET\	19	23

>NOTCH1-Y1 YKIEAVQSET\	62	>NOTCH1-Y1 FKIEAVQSET\	78	16
>NOTCH1-Y1 YKIEAVQSET\	122	>NOTCH1-Y1 FKIEAVQSET\	189	67
>NOTCH1-Y1 YKIEAVQSET\	269	>NOTCH1-Y1 FKIEAVQSET\	346	77
>NOTCH1-Y1 YKIEAVQSET\	103	>NOTCH1-Y1 FKIEAVQSET\	135	32
>NOTCH1-Y1 YKIEAVQSE	488	>NOTCH1-Y1 FKIEAVQSE	731	243
>NOTCH1-Y1 YKIEAVQSET	298	>NOTCH1-Y1 FKIEAVQSET	422	124
>NOTCH1-Y1 YKIEAVQSET\	20	>NOTCH1-Y1 FKIEAVQSET\	24	4
>NOTCH1-Y1 YKIEAVQSET\	208	>NOTCH1-Y1 FKIEAVQSET\	212	4
>NOTCH1-Y1 LASLGLSNIPY	275	>NOTCH1-Y1 LASLGLSNIPF	12881	12606
>NOTCH1-Y1 LASLGLSNIPY	105	>NOTCH1-Y1 LASLGLSNIPF	5008	4903
>NOTCH1-Y1 LASLGLSNIPY	101	>NOTCH1-Y1 LASLGLSNIPF	93	8
>NOTCH1-Y1 LASLGLSNIPY	334	>NOTCH1-Y1 LASLGLSNIPF	66	268
>NOTCH1-Y1 LASLGLSNIPY	16	>NOTCH1-Y1 LASLGLSNIPF	13	3
>NOTCH1-Y1 LASLGLSNIPY	10	>NOTCH1-Y1 LASLGLSNIPF	15	5
>NOTCH1-Y1 LASLGLSNIPY	1211	>NOTCH1-Y1 LASLGLSNIPF	240	971
>NOTCH1-Y1 IPYKIEAV	243	>NOTCH1-Y1 IPFKIEAV	105	138
>NOTCH1-Y1 IPYKIEAV	150	>NOTCH1-Y1 IPFKIEAV	694	544
>NOTCH1-Y1 IPYKIEAVQ	440	>NOTCH1-Y1 IPFKIEAVQ	656	216
>NOTCH1-Y1 IPYKIEAV	149	>NOTCH1-Y1 IPFKIEAV	643	494
>NOTCH1-Y1 IPYKIEAV	29	>NOTCH1-Y1 IPFKIEAV	62	33
>NOTCH1-Y1 IPYKIEAVQ	364	>NOTCH1-Y1 IPFKIEAVQ	827	463
>NOTCH1-Y1 NIPYKIEAV	475	>NOTCH1-Y1 NIPFKIEAV	447	28
>NOTCH1-Y1 NIPYKIEAV	98	>NOTCH1-Y1 NIPFKIEAV	54	44
>NOTCH1-Y1 NIPYKIEAV	144	>NOTCH1-Y1 NIPFKIEAV	167	23
>NOTCH1-Y1 NIPYKIEAV	348	>NOTCH1-Y1 NIPFKIEAV	135	213
>NOTCH1-Y1 NIPYKIEA	327	>NOTCH1-Y1 NIPFKIEA	256	71
>NOTCH1-Y1 NIPYKIEAV	16	>NOTCH1-Y1 NIPFKIEAV	14	2
>NOTCH1-Y1 LNIPYKIEAV	456	>NOTCH1-Y1 LNIPFKIEAV	226	230
>NOTCH1-Y1 SLNIPYKI	555	>NOTCH1-Y1 SLNIPFKI	371	184
>NOTCH1-Y1 SLNIPYKIEAV	328	>NOTCH1-Y1 SLNIPFKIEAV	257	71
>NOTCH1-Y1 SLNIPYKI	123	>NOTCH1-Y1 SLNIPFKI	132	9
>NOTCH1-Y1 SLNIPYKIEAV	37	>NOTCH1-Y1 SLNIPFKIEAV	33	4
>NOTCH1-Y1 SLNIPYKI	73	>NOTCH1-Y1 SLNIPFKI	73	0
>NOTCH1-Y1 SLNIPYKIEAV	11	>NOTCH1-Y1 SLNIPFKIEAV	11	0
>NOTCH1-Y1 SLNIPYKIEAV	505	>NOTCH1-Y1 SLNIPFKIEAV	231	274
>NOTCH1-Y1 SLNIPYKI	10	>NOTCH1-Y1 SLNIPFKI	9	1
>NOTCH1-Y1 SLNIPYKIEA	55	>NOTCH1-Y1 SLNIPFKIEA	58	3
>NOTCH1-Y1 SLNIPYKIEAV	3	>NOTCH1-Y1 SLNIPFKIEAV	3	0
>NOTCH1-Y1 SLNIPYKI	181	>NOTCH1-Y1 SLNIPFKI	225	44
>NOTCH1-Y1 SLNIPYKIEAV	28	>NOTCH1-Y1 SLNIPFKIEAV	23	5
>NOTCH1-Y1 SLNIPYKI	44	>NOTCH1-Y1 SLNIPFKI	32	12
>NOTCH1-Y1 SLNIPYKIEA	168	>NOTCH1-Y1 SLNIPFKIEA	163	5
>NOTCH1-Y1 SLNIPYKIEAV	13	>NOTCH1-Y1 SLNIPFKIEAV	13	0

>NOTCH1-Y1 SLNIPYKIEAV	159	>NOTCH1-Y1 SLNIPFKIEAV	135	24
>NOTCH1-Y1 SLNIPYKI	41	>NOTCH1-Y1 SLNIPFKI	26	15
>NOTCH1-Y1 SLNIPYKIEA	34	>NOTCH1-Y1 SLNIPFKIEA	32	2
>NOTCH1-Y1 SLNIPYKIEAV	4	>NOTCH1-Y1 SLNIPFKIEAV	4	0
>NOTCH1-Y1 SLNIPYKI	495	>NOTCH1-Y1 SLNIPFKI	681	186
>NOTCH1-Y1 GSLNIPYK	169	>NOTCH1-Y1 GSLNIPFK	124	45
>NOTCH1-Y1 GSLNIPYK	8	>NOTCH1-Y1 GSLNIPFK	8	0
>NOTCH1-Y1 GSLNIPYK	57	>NOTCH1-Y1 GSLNIPFK	37	20
>NOTCH1-Y1 GSLNIPYK	157	>NOTCH1-Y1 GSLNIPFK	221	64
>NOTCH1-Y1 GSLNIPYKI	21	>NOTCH1-Y1 GSLNIPFKI	41	20
>NOTCH1-Y1 GSLNIPYKI	352	>NOTCH1-Y1 GSLNIPFKI	258	94
>NOTCH1-Y1 GSLNIPYK	77	>NOTCH1-Y1 GSLNIPFK	86	9
>NOTCH1-Y1 GSLNIPYKI	104	>NOTCH1-Y1 GSLNIPFKI	50	54
>NOTCH1-Y1 LGSLNIPYK	483	>NOTCH1-Y1 LGSLNIPFK	453	30
>NOTCH1-Y1 LGSLNIPYK	585	>NOTCH1-Y1 LGSLNIPFK	373	212
>NOTCH1-Y1 LGSLNIPY	451	>NOTCH1-Y1 LGSLNIPF	552	101
>NOTCH1-Y1 LGSLNIPY	58	>NOTCH1-Y1 LGSLNIPF	158	100
>NOTCH1-Y1 LGSLNIPYKI	450	>NOTCH1-Y1 LGSLNIPFKI	132	318
>NOTCH1-Y1 SLGSLNIPYKI	57	>NOTCH1-Y1 SLGSLNIPFKI	46	11
>NOTCH1-Y1 SLGSLNIPYKI	33	>NOTCH1-Y1 SLGSLNIPFKI	42	9
>NOTCH1-Y1 SLGSLNIPYKI	272	>NOTCH1-Y1 SLGSLNIPFKI	256	16
>NOTCH1-Y1 SLGSLNIPYKI	9	>NOTCH1-Y1 SLGSLNIPFKI	8	1
>NOTCH1-Y1 SLGSLNIPYKI	37	>NOTCH1-Y1 SLGSLNIPFKI	45	8
>NOTCH1-Y1 SLGSLNIPYKI	16	>NOTCH1-Y1 SLGSLNIPFKI	11	5
>NOTCH1-Y1 SLGSLNIPYKI	152	>NOTCH1-Y1 SLGSLNIPFKI	130	22
>NOTCH1-Y1 SLGSLNIPYKI	34	>NOTCH1-Y1 SLGSLNIPFKI	19	15
>NOTCH1-Y1 SLGSLNIPYK	42	>NOTCH1-Y1 SLGSLNIPFK	44	2
>NOTCH1-Y1 SLGSLNIPYK	36	>NOTCH1-Y1 SLGSLNIPFK	39	3
>NOTCH1-Y1 SLGSLNIPY	89	>NOTCH1-Y1 SLGSLNIPF	3272	3183
>NOTCH1-Y1 SLGSLNIPYK	470	>NOTCH1-Y1 SLGSLNIPFK	300	170
>NOTCH1-Y1 SLGSLNIPY	234	>NOTCH1-Y1 SLGSLNIPF	11144	10910
>NOTCH1-Y1 SLGSLNIPY	927	>NOTCH1-Y1 SLGSLNIPF	70	857
>NOTCH1-Y1 SLGSLNIPYKI	67	>NOTCH1-Y1 SLGSLNIPFKI	122	55
>NOTCH1-Y1 SLGSLNIPY	24	>NOTCH1-Y1 SLGSLNIPF	7603	7579
>NOTCH1-Y1 SLGSLNIPY	52	>NOTCH1-Y1 SLGSLNIPF	45	7
>NOTCH1-Y1 SLGSLNIPY	171	>NOTCH1-Y1 SLGSLNIPF	406	235
>NOTCH1-Y1 SLGSLNIPY	825	>NOTCH1-Y1 SLGSLNIPF	147	678
>NOTCH1-Y1 SLGSLNIPYK	213	>NOTCH1-Y1 SLGSLNIPFK	270	57
>NOTCH1-Y1 SLGSLNIPYK	422	>NOTCH1-Y1 SLGSLNIPFK	900	478
>NOTCH1-Y1 ASLGS LNIPY	303	>NOTCH1-Y1 ASLGS LNIPF	22031	21728
>NOTCH1-Y1 ASLGS LNIPYK	131	>NOTCH1-Y1 ASLGS LNIPFK	123	8
>NOTCH1-Y1 ASLGS LNIPY	75	>NOTCH1-Y1 ASLGS LNIPF	28162	28087
>NOTCH1-Y1 ASLGS LNIPYK	10	>NOTCH1-Y1 ASLGS LNIPFK	9	1

>NOTCH1-Y1 ASLGSLNIPY	57	>NOTCH1-Y1 ASLGSLNIPF	138	81
>NOTCH1-Y1 ASLGSLNIPY	204	>NOTCH1-Y1 ASLGSLNIPF	1838	1634
>NOTCH1-Y1 ASLGSLNIPY	243	>NOTCH1-Y1 ASLGSLNIPF	1961	1718
>NOTCH1-Y1 ASLGSLNIPY	495	>NOTCH1-Y1 ASLGSLNIPF	3393	2898
>NOTCH1-Y1 ASLGSLNIPYK	9	>NOTCH1-Y1 ASLGSLNIPFK	7	2
>NOTCH1-Y1 ASLGSLNIPY	87	>NOTCH1-Y1 ASLGSLNIPF	4823	4736
>NOTCH1-Y1 ASLGSLNIPYK	368	>NOTCH1-Y1 ASLGSLNIPFK	554	186
>NOTCH1-Y1 ASLGSLNIPY	596	>NOTCH1-Y1 ASLGSLNIPF	49	547
>NOTCH1-Y1 ASLGSLNIPY	181	>NOTCH1-Y1 ASLGSLNIPF	217	36
>NOTCH1-Y1 ASLGSLNIPY	54	>NOTCH1-Y1 ASLGSLNIPF	19	35
>NOTCH1-Y1 ASLGSLNIPY	4	>NOTCH1-Y1 ASLGSLNIPF	4	0
>NOTCH1-Y1 ASLGSLNIPY	114	>NOTCH1-Y1 ASLGSLNIPF	128	14
>NOTCH1-Y1 ASLGSLNIPYK	74	>NOTCH1-Y1 ASLGSLNIPFK	84	10
>NOTCH2-A1 GARCQSSCGC	1003	>NOTCH2-A1 GSRCQSSCGC	373	630
>NOTCH2-A1 GARCQSSCGC	456	>NOTCH2-A1 GSRCQSSCGC	176	280
>NOTCH2-A1 GARCQSSCGC	457	>NOTCH2-A1 GSRCQSSCGC	63	394
>NOTCH2-A1 CPPGFSGA	69	>NOTCH2-A1 CPPGFSGS	2404	2335
>NOTCH2-A1 CPPGFSGAR	317	>NOTCH2-A1 CPPGFSGSR	436	119
>NOTCH2-A1 RCPPGFSGAF	124	>NOTCH2-A1 RCPPGFSGSR	139	15
>NOTCH2-G€ GAICSDQI	7885	>NOTCH2-G€ CAICSDQI	369	7516
>NOTCH2-G€ GAICSDQI	552	>NOTCH2-G€ CAICSDQI	43	509
>NOTCH2-G€ MGAICSDQI	455	>NOTCH2-G€ MCAICSDQI	210	245
>NOTCH2-G€ MGAICSDQI	333	>NOTCH2-G€ MCAICSDQI	150	183
>NOTCH2-G€ MGAICSDQI	202	>NOTCH2-G€ MCAICSDQI	236	34
>NOTCH2-G€ YMGAICSDQI	153	>NOTCH2-G€ YMCAICSDQI	93	60
>NOTCH2-G€ YMGAICSDQI	65	>NOTCH2-G€ YMCAICSDQI	60	5
>NOTCH2-G€ YMGAICSDQI	78	>NOTCH2-G€ YMCAICSDQI	54	24
>NOTCH2-G€ YMGAICSDQI	158	>NOTCH2-G€ YMCAICSDQI	90	68
>NOTCH2-G€ YMGAICSDQI	8	>NOTCH2-G€ YMCAICSDQI	9	1
>NOTCH2-G€ YMGAICSDQI	16	>NOTCH2-G€ YMCAICSDQI	151	135
>NOTCH2-G€ YMGAICSDQI	17	>NOTCH2-G€ YMCAICSDQI	55	38
>NOTCH2-G€ YMGAICSDQI	11	>NOTCH2-G€ YMCAICSDQI	36	25
>NOTCH2-G€ YMGAICSDQ	119	>NOTCH2-G€ YMCAICSDQ	206	87
>NOTCH2-G€ YMGAICSDQI	8	>NOTCH2-G€ YMCAICSDQI	11	3
>NOTCH2-G€ YMGAICSDQI	903	>NOTCH2-G€ YMCAICSDQI	270	633
>NOTCH2-G€ GYMGAICSDC	38	>NOTCH2-G€ GYMCAICSDC	34	4
>NOTCH2-G€ GYMGAICSDC	144	>NOTCH2-G€ GYMCAICSDC	71	73
>NOTCH2-G€ GYMGAICSDC	499	>NOTCH2-G€ GYMCAICSDC	472	27
>NOTCH2-G€ GYMGAICSDC	7	>NOTCH2-G€ GYMCAICSDC	8	1
>NOTCH2-G€ NPGYMCAI	74	>NOTCH2-G€ NPGYMCAI	342	268
>NOTCH2-G€ NPGYMCAI	773	>NOTCH2-G€ NPGYMCAI	388	385
>NOTCH2-G€ CNPGYMCAI	466	>NOTCH2-G€ CNPGYMCAI	1878	1412
>NOTCH2-G€ CICNPGYMG/	1517	>NOTCH2-G€ CICNPGYMC/	423	1094



>NOTCH2-G6CICNPGYMG,	262	>NOTCH2-G6CICNPGYMC/	588	326
>NOTCH2-G6TCICNPGYMC	321	>NOTCH2-G6TCICNPGYMC	1250	929
>NOTCH2-H1VQSDSDHCFK	174	>NOTCH2-H1VQSDSDYCFK	101	73
>NOTCH2-H1VQSDSDHCF	165	>NOTCH2-H1VQSDSDYCF	111	54
>NOTCH2-H1CVQSDSDHCFI	630	>NOTCH2-H1CVQSDSDYCFI	387	243
>NOTCH2-H1CVQSDSDHCFI	74	>NOTCH2-H1CVQSDSDYCFI	43	31
>NOTCH2-H1CVQSDSDHCF	335	>NOTCH2-H1CVQSDSDYCF	235	100
>NOTCH2-H1CVQSDSDHCFI	223	>NOTCH2-H1CVQSDSDYCFI	309	86
>NOTCH2-H1CVQSDSDHCFI	251	>NOTCH2-H1CVQSDSDYCFI	163	88
>NOTCH2-H1CVQSDSDHCF	370	>NOTCH2-H1CVQSDSDYCF	187	183
>NOTCH2-H1CVQSDSDHCFI	611	>NOTCH2-H1CVQSDSDYCFI	346	265
>NOTCH2-H1QCVQSDSDHC	1999	>NOTCH2-H1QCVQSDSDYC	437	1562
>NOTCH2-H1QCVQSDSDH	13025	>NOTCH2-H1QCVQSDSDY	237	12788
>NOTCH2-H1QCVQSDSDHC	226	>NOTCH2-H1QCVQSDSDYC	395	169
>NOTCH2-H1RQCVQSDSDH	11398	>NOTCH2-H1RQCVQSDSDY	119	11279
>NOTCH2-H1RQCVQSDSDH	2662	>NOTCH2-H1RQCVQSDSDY	79	2583
>NOTCH2-H1RQCVQSDSDH	58	>NOTCH2-H1RQCVQSDSDY	61	3
>NOTCH2-H1RQCVQSDSDH	1712	>NOTCH2-H1RQCVQSDSDY	34	1678
>NOTCH2-H1RQCVQSDSDH	9	>NOTCH2-H1RQCVQSDSDY	8	1
>NOTCH2-R1RCSCPLGY	69	>NOTCH2-R1CCSCPLGY	499	430
>NOTCH2-R1RCSCPLGY	770	>NOTCH2-R1CCSCPLGY	214	556
>NOTCH2-R1YRCSCPLGY	50	>NOTCH2-R1YCCSCPLGY	30	20
>NOTCH2-R1YRCSCPLGY	29	>NOTCH2-R1YCCSCPLGY	9	20
>NOTCH2-R1YRCSCPLGY	55	>NOTCH2-R1YCCSCPLGY	660	605
>NOTCH2-R1YRCSCPLGY	2188	>NOTCH2-R1YCCSCPLGY	230	1958
>NOTCH2-R1YRCSCPLGY	352	>NOTCH2-R1YCCSCPLGY	36548	36196
>NOTCH2-R1GTCVDGLGT\	197	>NOTCH2-R1GTCVDGLGT\	25304	25107
>NOTCH2-R1GTCVDGLGT\	63	>NOTCH2-R1GTCVDGLGT\	19211	19148
>NOTCH2-R1GTCVDGLGT\	234	>NOTCH2-R1GTCVDGLGT\	39763	39529
>NOTCH2-R1TYRCSCPL	112	>NOTCH2-R1TYCCSCPL	26	86
>NOTCH2-R1TYRCSCPL	615	>NOTCH2-R1TYCCSCPL	142	473
>NOTCH2-R1TYRCSCPLGY	34	>NOTCH2-R1TYCCSCPLGY	24	10
>NOTCH2-R1TYRCSCPL	34	>NOTCH2-R1TYCCSCPL	6258	6224
>NOTCH2-R1TYRCSCPLG	199	>NOTCH2-R1TYCCSCPLG	11022	10823
>NOTCH2-R1TYRCSCPLGY	314	>NOTCH2-R1TYCCSCPLGY	11208	10894
>NOTCH2-R1TYRCSCPLGY	442	>NOTCH2-R1TYCCSCPLGY	173	269
>NOTCH2-R1GTYRCSCPL	215	>NOTCH2-R1GTYCCSCPL	492	277
>NOTCH2-R1GTYRCSCPL	1197	>NOTCH2-R1GTYCCSCPL	219	978
>NOTCH2-R1GTYRCSCPL	423	>NOTCH2-R1GTYCCSCPL	174	249
>NOTCH2-R1GTYRCSCPL	936	>NOTCH2-R1GTYCCSCPL	232	704
>NOTCH2-R1GTYRCSCPL	675	>NOTCH2-R1GTYCCSCPL	239	436
>NOTCH2-R1GTYRCSCPL	477	>NOTCH2-R1GTYCCSCPL	227	250
>NOTCH2-R1GTYRCSCPL	287	>NOTCH2-R1GTYCCSCPL	32	255

>NOTCH2-R1 GTYRCSCPL	470	>NOTCH2-R1 GTYCCSCPL	607	137
>NOTCH2-R1 GTYRCSCPLG	107	>NOTCH2-R1 GTYCCSCPLG	157	50
>NOTCH2-R1 GTYRCSCPLG	39	>NOTCH2-R1 GTYCCSCPLG	40	1
>NOTCH2-R1 GTYRCSCPLG	29	>NOTCH2-R1 GTYCCSCPLG	17	12
>NOTCH2-R1 GTYRCSCPLG	116	>NOTCH2-R1 GTYCCSCPLG	230	114
>NOTCH2-R1 GTYRCSCPL	222	>NOTCH2-R1 GTYCCSCPL	215	7
>NOTCH2-R1 GTYRCSCPL	1934	>NOTCH2-R1 GTYCCSCPL	317	1617
>NOTCH2-R1 GTYRCSCPLG	242	>NOTCH2-R1 GTYCCSCPLG	336	94
>NOTCH2-R1 GTYRCSCPL	296	>NOTCH2-R1 GTYCCSCPL	167	129
>NOTCH2-R1 GTYRCSCPLG	172	>NOTCH2-R1 GTYCCSCPLG	124	48
>NOTCH2-R1 GTYRCSCPL	633	>NOTCH2-R1 GTYCCSCPL	310	323
>NOTCH2-R1 GTYRCSCPLG	312	>NOTCH2-R1 GTYCCSCPLG	233	79
>NOTCH2-R1 GTYRCSCPL	9	>NOTCH2-R1 GTYCCSCPL	5	4
>NOTCH2-R1 GTYRCSCPLG	4	>NOTCH2-R1 GTYCCSCPLG	3	1
>NOTCH2-R1 GTYRCSCPL	250	>NOTCH2-R1 GTYCCSCPL	159	91
>NOTCH2-R1 GTYRCSCPLG	14	>NOTCH2-R1 GTYCCSCPLG	14	0
>NOTCH2-R1 GTYRCSCPLG	836	>NOTCH2-R1 GTYCCSCPLG	428	408
>NOTCH2-R1 GTYRCSCPL	501	>NOTCH2-R1 GTYCCSCPL	349	152
>NOTCH2-R1 LGTYRCSCPL	252	>NOTCH2-R1 LGTYCCSCPL	770	518
>NOTCH2-R1 GLGTYRCSCP	260	>NOTCH2-R1 GLGTYCCSCP	77	183
>NOTCH2-R1 GLGTYRCSCP	58	>NOTCH2-R1 GLGTYCCSCP	26	32
>NOTCH2-R1 GLGTYRCSCP	428	>NOTCH2-R1 GLGTYCCSCP	186	242
>NOTCH2-R1 GLGTYRCSCP	63	>NOTCH2-R1 GLGTYCCSCP	36	27
>NOTCH2-R1 GLGTYRCSCP	36	>NOTCH2-R1 GLGTYCCSCP	19	17
>NOTCH2-R1 GLGTYRCSCP	71	>NOTCH2-R1 GLGTYCCSCP	44	27
>NOTCH2-R1 GLGTYRCSCP	731	>NOTCH2-R1 GLGTYCCSCP	192	539
>NOTCH2-R1 GLGTYRCSC	40	>NOTCH2-R1 GLGTYCCSC	39	1
>NOTCH2-R1 GLGTYRCSCP	7	>NOTCH2-R1 GLGTYCCSCP	7	0
>NOTCH2-R1 CVDGLGTYR	396	>NOTCH2-R1 CVDGLGTYC	24032	23636
>NOTCH2-R1 CVDGLGTYR	266	>NOTCH2-R1 CVDGLGTYC	37801	37535
>NOTCH2-R1 CVDGLGTYR	360	>NOTCH2-R1 CVDGLGTYC	35614	35254
>NOTCH2-R1 TCVDGLGTYF	434	>NOTCH2-R1 TCVDGLGTYC	36350	35916
>NOTCH2-R1 TCVDGLGTYF	217	>NOTCH2-R1 TCVDGLGTYC	33377	33160
>NOTCH2-R1 RNRVTDLDA	108	>NOTCH2-R1 HNRVTDLDA	445	337
>NOTCH2-R1 RNRVTDLDAI	273	>NOTCH2-R1 HNRVTDLDAI	1064	791
>NOTCH2-R1 RNRVTDLDAI	312	>NOTCH2-R1 HNRVTDLDAI	1523	1211
>NOTCH2-R1 IRNRVTDL	396	>NOTCH2-R1 IHNRVTDL	773	377
>NOTCH2-R1 IRNRVTDL	45	>NOTCH2-R1 IHNRVTDL	7178	7133
>NOTCH2-R1 DAQGVFQILII	56	>NOTCH2-R1 DAQGVFQILII	15536	15480
>NOTCH2-R1 DAQGVFQILII	101	>NOTCH2-R1 DAQGVFQILII	14175	14074
>NOTCH2-R1 LIRNRVTDL	163	>NOTCH2-R1 LIHNRVTDL	83	80
>NOTCH2-R1 LIRNRVTDL	246	>NOTCH2-R1 LIHNRVTDL	79	167
>NOTCH2-R1 LIRNRVTDLD	376	>NOTCH2-R1 LIHNRVTDLD	3039	2663

>NOTCH2-R1 LIRNRVTDL	31	>NOTCH2-R1 LIHNRVTDL	66	35
>NOTCH2-R1 ILIRNRVTDL	493	>NOTCH2-R1 ILIHNRVTDL	564	71
>NOTCH2-R1 ILIRNRVTDL	110	>NOTCH2-R1 ILIHNRVTDL	170	60
>NOTCH2-R1 ILIRNRVTDL	229	>NOTCH2-R1 ILIHNRVTDL	268	39
>NOTCH2-R1 ILIRNRVTDL	217	>NOTCH2-R1 ILIHNRVTDL	151	66
>NOTCH2-R1 ILIRNRVTDL	8	>NOTCH2-R1 ILIHNRVTDL	11	3
>NOTCH2-R1 ILIRNRVTDL	301	>NOTCH2-R1 ILIHNRVTDL	157	144
>NOTCH2-R1 QILIRNRV	819	>NOTCH2-R1 QILIHNRV	172	647
>NOTCH2-R1 QILIRNRV	152	>NOTCH2-R1 QILIHNRV	132	20
>NOTCH2-R1 QILIRNRV	594	>NOTCH2-R1 QILIHNRV	104	490
>NOTCH2-R1 QILIRNRVTDI	177	>NOTCH2-R1 QILIHNRVTDI	385	208
>NOTCH2-R1 FQILIRNRV	257	>NOTCH2-R1 FQILIHNRV	118	139
>NOTCH2-R1 FQILIRNRV	25	>NOTCH2-R1 FQILIHNRV	14	11
>NOTCH2-R1 FQILIRNRV	57	>NOTCH2-R1 FQILIHNRV	23	34
>NOTCH2-R1 FQILIRNRV	8	>NOTCH2-R1 FQILIHNRV	6	2
>NOTCH2-R1 FQILIRNRV	1910	>NOTCH2-R1 FQILIHNRV	147	1763
>NOTCH2-R1 FQILIRNRV	1266	>NOTCH2-R1 FQILIHNRV	288	978
>NOTCH2-R1 FQILIRNRV	665	>NOTCH2-R1 FQILIHNRV	413	252
>NOTCH2-R1 FQILIRNR	366	>NOTCH2-R1 FQILIHNR	93	273
>NOTCH2-R1 FQILIRNR	880	>NOTCH2-R1 FQILIHNR	442	438
>NOTCH2-R1 FQILIRNR	287	>NOTCH2-R1 FQILIHNR	66	221
>NOTCH2-R1 FQILIRNRV	143	>NOTCH2-R1 FQILIHNRV	293	150
>NOTCH2-R1 FQILIRNR	502	>NOTCH2-R1 FQILIHNR	168	334
>NOTCH2-R1 VFQILIRNR	28	>NOTCH2-R1 VFQILIHNR	9	19
>NOTCH2-R1 VFQILIRNR	308	>NOTCH2-R1 VFQILIHNR	74	234
>NOTCH2-R1 VFQILIRNR	211	>NOTCH2-R1 VFQILIHNR	51	160
>NOTCH2-R1 VFQILIRNRV	3290	>NOTCH2-R1 VFQILIHNRV	337	2953
>NOTCH2-R1 GVFQILIRNR\	466	>NOTCH2-R1 GVFQILIHNR\	359	107
>NOTCH2-R1 GVFQILIRNR\	68	>NOTCH2-R1 GVFQILIHNR\	46	22
>NOTCH2-R1 GVFQILIRNR\	190	>NOTCH2-R1 GVFQILIHNR\	116	74
>NOTCH2-R1 GVFQILIRNR\	179	>NOTCH2-R1 GVFQILIHNR\	97	82
>NOTCH2-R1 GVFQILIRNR\	97	>NOTCH2-R1 GVFQILIHNR\	27	70
>NOTCH2-R1 GVFQILIRNR\	155	>NOTCH2-R1 GVFQILIHNR\	67	88
>NOTCH2-R1 GVFQILIRNR\	17	>NOTCH2-R1 GVFQILIHNR\	13	4
>NOTCH2-R1 GVFQILIR	66	>NOTCH2-R1 GVFQILIH	1282	1216
>NOTCH2-R1 GVFQILIR	107	>NOTCH2-R1 GVFQILIH	7650	7543
>NOTCH2-R1 GVFQILIRNR	161	>NOTCH2-R1 GVFQILIHNR	100	61
>NOTCH2-R1 GVFQILIR	42	>NOTCH2-R1 GVFQILIH	8307	8265
>NOTCH2-R1 GVFQILIRNR	649	>NOTCH2-R1 GVFQILIHNR	161	488
>NOTCH2-R1 GVFQILIRNR\	48	>NOTCH2-R1 GVFQILIHNR\	59	11
>NOTCH2-R1 GVFQILIRNR\	138	>NOTCH2-R1 GVFQILIHNR\	131	7
>NOTCH2-R1 GVFQILIR	457	>NOTCH2-R1 GVFQILIH	1810	1353
>NOTCH2-R1 GVFQILIRNR	376	>NOTCH2-R1 GVFQILIHNR	178	198

>NOTCH2-R1 GVFQILIR	214	>NOTCH2-R1 GVFQILIH	27888	27674
>NOTCH2-R1 GVFQILIRNR	312	>NOTCH2-R1 GVFQILIHNR	86	226
>NOTCH2-R1 QGVFQILIRN	1487	>NOTCH2-R1 QGVFQILIHN	358	1129
>NOTCH2-R1 QGVFQILIR	160	>NOTCH2-R1 QGVFQILIH	25280	25120
>NOTCH2-R1 QGVFQILIRN	276	>NOTCH2-R1 QGVFQILIHN	84	192
>NOTCH2-R2 QRGP GTHM	15975	>NOTCH2-R2 QQGP GTHM	87	15888
>NOTCH2-R2 QRGP GTHM	1242	>NOTCH2-R2 QQGP GTHM	266	976
>NOTCH2-R2 GQRGP GTHM	46	>NOTCH2-R2 GQQGP GTHM	72	26
>NOTCH2-R2 GQRGP GTHM	224	>NOTCH2-R2 GQQGP GTHM	274	50
>NOTCH2-R2 GQRGP GTHM	64	>NOTCH2-R2 GQQGP GTHM	659	595
>NOTCH2-S2 S QLLSHHHI	396	>NOTCH2-S2 I QLLSHHHI	634	238
>NOTCH2-S2 S QLLSHHHI	43	>NOTCH2-S2 I QLLSHHHI	47	4
>NOTCH2-S2 S QLLSHHHIV	213	>NOTCH2-S2 I QLLSHHHIV	284	71
>NOTCH2-S2 S QLLSHHHIV	172	>NOTCH2-S2 I QLLSHHHIV	195	23
>NOTCH2-S2 S QLLSHHHIV	127	>NOTCH2-S2 I QLLSHHHIV	330	203
>NOTCH2-S2 S QLLSHHHIV	115	>NOTCH2-S2 I QLLSHHHIV	609	494
>NOTCH2-S2 S QLLSHHH	1013	>NOTCH2-S2 I QLLSHHH	323	690
>NOTCH2-S2 S QLLSHHHI	101	>NOTCH2-S2 I QLLSHHHI	33	68
>NOTCH2-S2 S QLLSHHHIV	99	>NOTCH2-S2 I QLLSHHHIV	32	67
>NOTCH2-S2 S QLLSHHHIV	420	>NOTCH2-S2 I QLLSHHHIV	2252	1832
>NOTCH2-S2 VS QLLSHHHI	6943	>NOTCH2-S2 VI QLLSHHHI	497	6446
>NOTCH2-S2 VS QLLSHHHI	9655	>NOTCH2-S2 VI QLLSHHHI	287	9368
>NOTCH2-S2 VS QLLSHHHI	12931	>NOTCH2-S2 VI QLLSHHHI	241	12690
>NOTCH2-S2 VS QLLSHHHI	16543	>NOTCH2-S2 VI QLLSHHHI	488	16055
>NOTCH2-S2 VS QLLSHHHI	11010	>NOTCH2-S2 VI QLLSHHHI	15	10995
>NOTCH2-S2 VS QLLSHHHI	179	>NOTCH2-S2 VI QLLSHHHI	9824	9645
>NOTCH2-S2 VS QLLSHHHI	185	>NOTCH2-S2 VI QLLSHHHI	3739	3554
>NOTCH2-S2 VS QLLSHHHI	450	>NOTCH2-S2 VI QLLSHHHI	10015	9565
>NOTCH2-S2 VS QLLSHHHI	131	>NOTCH2-S2 VI QLLSHHHI	11703	11572
>NOTCH2-S2 HGASTVLPSV	28029	>NOTCH2-S2 HGASTVLPSV	318	27711
>NOTCH2-S2 SVS QLLSHHH	414	>NOTCH2-S2 SVI QLLSHHHI	871	457
>NOTCH2-S2 SVS QLLSHHH	441	>NOTCH2-S2 SVI QLLSHHHI	337	104
>NOTCH2-S2 SVS QLLSHHH	346	>NOTCH2-S2 SVI QLLSHHHI	65	281
>NOTCH2-S2 SVS QLLSH	6723	>NOTCH2-S2 SVI QLLSH	120	6603
>NOTCH2-S2 SVS QLLSHH	791	>NOTCH2-S2 SVI QLLSHH	8	783
>NOTCH2-S2 SVS QLLSHHH	3231	>NOTCH2-S2 SVI QLLSHHH	59	3172
>NOTCH2-S2 SVS QLLSHHH	2287	>NOTCH2-S2 SVI QLLSHHHI	32	2255
>NOTCH2-S2 SVS QLLSHHH	113	>NOTCH2-S2 SVI QLLSHHHI	51	62
>NOTCH2-S2 SVS QLLSHHH	571	>NOTCH2-S2 SVI QLLSHHHI	154	417
>NOTCH2-S2 SVS QLLSHH	128	>NOTCH2-S2 SVI QLLSHH	283	155
>NOTCH2-S2 SVS QLLSHHH	311	>NOTCH2-S2 SVI QLLSHHHI	373	62
>NOTCH2-S2 PSVS QLLSHH	484	>NOTCH2-S2 PSVI QLLSHH	3487	3003
>NOTCH2-S2 LPSVS QLL	217	>NOTCH2-S2 LPSVI QLL	828	611

>NOTCH2-S2 LPSVSQLL	339	>NOTCH2-S2 LPSVIQLL	425	86
>NOTCH2-S2 LPSVSQLL	298	>NOTCH2-S2 LPSVIQLL	385	87
>NOTCH2-S2 LPSVSQLL	105	>NOTCH2-S2 LPSVIQLL	77	28
>NOTCH2-S2 LPSVSQLLS	1237	>NOTCH2-S2 LPSVIQLLS	448	789
>NOTCH2-S2 LPSVSQLL	865	>NOTCH2-S2 LPSVIQLL	363	502
>NOTCH2-S2 VLPSVSQQL	504	>NOTCH2-S2 VLPSVIQQL	464	40
>NOTCH2-S2 VLPSVSQQL	389	>NOTCH2-S2 VLPSVIQQL	108	281
>NOTCH2-S2 VLPSVSQQL	230	>NOTCH2-S2 VLPSVIQQL	76	154
>NOTCH2-S2 VLPSVSQQL	29	>NOTCH2-S2 VLPSVIQQL	40	11
>NOTCH2-S2 VLPSVSQQL	14	>NOTCH2-S2 VLPSVIQQL	14	0
>NOTCH2-S2 VLPSVSQQL	25	>NOTCH2-S2 VLPSVIQQL	43	18
>NOTCH2-S2 VLPSVSQQL	68	>NOTCH2-S2 VLPSVIQQL	28	40
>NOTCH2-S2 VLPSVSQQL	915	>NOTCH2-S2 VLPSVIQQL	428	487
>NOTCH2-S2 VLPSVSQQL	571	>NOTCH2-S2 VLPSVIQQL	190	381
>NOTCH2-S2 VLPSVSQQL	7	>NOTCH2-S2 VLPSVIQQL	4	3
>NOTCH2-S2 VLPSVSQQL	9	>NOTCH2-S2 VLPSVIQQL	4	5
>NOTCH2-S2 VLPSVSQQL	241	>NOTCH2-S2 VLPSVIQQL	160	81
>NOTCH2-S2 VLPSVSQQL	206	>NOTCH2-S2 VLPSVIQQL	128	78
>NOTCH2-S2 VLPSVSQQL	24	>NOTCH2-S2 VLPSVIQQL	12	12
>NOTCH2-S2 VLPSVSQQL	19	>NOTCH2-S2 VLPSVIQQL	12	7
>NOTCH2-S2 VLPSVSQQL	46	>NOTCH2-S2 VLPSVIQQL	26	20
>NOTCH2-S2 VLPSVSQQL	205	>NOTCH2-S2 VLPSVIQQL	69	136
>NOTCH2-S2 VLPSVSQQL	4	>NOTCH2-S2 VLPSVIQQL	3	1
>NOTCH2-S2 VLPSVSQQL	5	>NOTCH2-S2 VLPSVIQQL	3	2
>NOTCH2-S2 VLPSVSQQL	6	>NOTCH2-S2 VLPSVIQQL	3	3
>NOTCH2-S2 TVLPSVSQQL	615	>NOTCH2-S2 TVLPSVIQQL	429	186
>NOTCH2-S2 TVLPSVSQQL	306	>NOTCH2-S2 TVLPSVIQQL	1907	1601
>NOTCH2-S2 TVLPSVSQQL	991	>NOTCH2-S2 TVLPSVIQQL	490	501
>NOTCH2-S2 TVLPSVSQQL	265	>NOTCH2-S2 TVLPSVIQQL	98	167
>NOTCH2-S2 TVLPSVSQQL	711	>NOTCH2-S2 TVLPSVIQQL	292	419
>NOTCH2-S2 TVLPSVSQQL	405	>NOTCH2-S2 TVLPSVIQQL	224	181
>NOTCH2-S2 TVLPSVSQQL	654	>NOTCH2-S2 TVLPSVIQQL	232	422
>NOTCH2-S2 TVLPSVSQQL	1147	>NOTCH2-S2 TVLPSVIQQL	464	683
>NOTCH2-S2 TVLPSVSQQL	952	>NOTCH2-S2 TVLPSVIQQL	472	480
>NOTCH2-S2 TVLPSVSQQL	362	>NOTCH2-S2 TVLPSVIQQL	299	63
>NOTCH2-S2 TVLPSVSQQL	62	>NOTCH2-S2 TVLPSVIQQL	78	16
>NOTCH2-S2 TVLPSVSQQL	231	>NOTCH2-S2 TVLPSVIQQL	112	119
>NOTCH2-S2 TVLPSVSQQL	273	>NOTCH2-S2 TVLPSVIQQL	874	601
>NOTCH2-S2 TVLPSVSQQL	177	>NOTCH2-S2 TVLPSVIQQL	226	49
>NOTCH2-S2 TVLPSVSQQL	70	>NOTCH2-S2 TVLPSVIQQL	31	39
>NOTCH2-S2 TVLPSVSQQL	106	>NOTCH2-S2 TVLPSVIQQL	93	13
>NOTCH2-S2 TVLPSVSQQL	14	>NOTCH2-S2 TVLPSVIQQL	35	21
>NOTCH2-S2 TVLPSVSQQL	252	>NOTCH2-S2 TVLPSVIQQL	427	175

>NOTCH2-S2 TVLPSVSQI	145	>NOTCH2-S2 TVLPSVIQL	4569	4424
>NOTCH2-S2 STVLPSVSQI	784	>NOTCH2-S2 STVLPSVIQL	424	360
>NOTCH2-S2 STVLPSVSQI	84	>NOTCH2-S2 STVLPSVIQL	160	76
>NOTCH2-S2 STVLPSVSQI	1287	>NOTCH2-S2 STVLPSVIQLL	407	880
>NOTCH2-S2 STVLPSVS	2717	>NOTCH2-S2 STVLPSVI	94	2623
>NOTCH2-S2 STVLPSVSQI	200	>NOTCH2-S2 STVLPSVIQL	163	37
>NOTCH2-S2 STVLPSVSQI	55	>NOTCH2-S2 STVLPSVIQLL	55	0
>NOTCH2-S2 STVLPSVSQI	221	>NOTCH2-S2 STVLPSVIQL	162	59
>NOTCH2-S2 STVLPSVSQI	292	>NOTCH2-S2 STVLPSVIQLL	455	163
>NOTCH2-S2 STVLPSVS	4349	>NOTCH2-S2 STVLPSVI	43	4306
>NOTCH2-S2 STVLPSVSQI	4	>NOTCH2-S2 STVLPSVIQL	5	1
>NOTCH2-S2 STVLPSVSQI	19	>NOTCH2-S2 STVLPSVIQLL	30	11
>NOTCH2-S2 STVLPSVSQI	82	>NOTCH2-S2 STVLPSVIQL	50	32
>NOTCH2-S2 STVLPSVSQI	26	>NOTCH2-S2 STVLPSVIQLL	24	2
>NOTCH2-S2 STVLPSVSQI	100	>NOTCH2-S2 STVLPSVIQL	75	25
>NOTCH2-S2 STVLPSVSQI	31	>NOTCH2-S2 STVLPSVIQLL	40	9
>NOTCH2-S2 STVLPSVS	21524	>NOTCH2-S2 STVLPSVI	20	21504
>NOTCH2-S2 STVLPSVSQI	332	>NOTCH2-S2 STVLPSVIQL	1828	1496
>NOTCH2-S2 STVLPSVSQI	365	>NOTCH2-S2 STVLPSVIQLL	477	112
>NOTCH2-S2 ASTVLPVS	9778	>NOTCH2-S2 ASTVLPVI	218	9560
>NOTCH2-S2 ASTVLPVSQ	9	>NOTCH2-S2 ASTVLPVIQL	12	3
>NOTCH2-S2 ASTVLPVSQ	313	>NOTCH2-S2 ASTVLPVIQL	200	113
>NOTCH2-S2 ASTVLPVS	754	>NOTCH2-S2 ASTVLPVI	45	709
>NOTCH2-S2 ASTVLPVSQ	31	>NOTCH2-S2 ASTVLPVIQL	404	373
>NOTCH2-S2 ASTVLPVS	22552	>NOTCH2-S2 ASTVLPVI	43	22509
>NOTCH2-S2 GASTVLPVS	32918	>NOTCH2-S2 GASTVLPVI	84	32834
>NOTCH2-V2 VLTSALSPV	16	>NOTCH2-V2 MLTSALSPV	9	7
>NOTCH2-V2 VLTSALSPVI	1030	>NOTCH2-V2 MLTSALSPVI	165	865
>NOTCH2-V2 VLTSALSPV	6	>NOTCH2-V2 MLTSALSPV	2	4
>NOTCH2-V2 VLTSALSPVI	221	>NOTCH2-V2 MLTSALSPVI	38	183
>NOTCH2-V2 VLTSALSPV	3	>NOTCH2-V2 MLTSALSPV	2	1
>NOTCH2-V2 VLTSALSPVI	403	>NOTCH2-V2 MLTSALSPVI	83	320
>NOTCH2-V2 VLTSALSPV	10	>NOTCH2-V2 MLTSALSPV	5	5
>NOTCH2-V2 VLTSALSPVI	1847	>NOTCH2-V2 MLTSALSPVI	303	1544
>NOTCH2-V2 VLTSALSPV	3	>NOTCH2-V2 MLTSALSPV	3	0
>NOTCH2-V2 VLTSALSPVI	27	>NOTCH2-V2 MLTSALSPVI	15	12
>NOTCH2-V2 VLTSALSPV	4	>NOTCH2-V2 MLTSALSPV	3	1
>NOTCH2-V2 VLTSALSPVI	54	>NOTCH2-V2 MLTSALSPVI	30	24
>NOTCH2-V2 VLTSALSPV	6	>NOTCH2-V2 MLTSALSPV	6	0
>NOTCH2-V2 VLTSALSPVI	17	>NOTCH2-V2 MLTSALSPVI	17	0
>NOTCH2-V2 VLTSALSPV	4	>NOTCH2-V2 MLTSALSPV	3	1
>NOTCH2-V2 VLTSALSPVI	62	>NOTCH2-V2 MLTSALSPVI	34	28
>NOTCH2-V2 VLTSALSPV	2	>NOTCH2-V2 MLTSALSPV	2	0

>NOTCH2-V2 VLTSALSPVI	8	>NOTCH2-V2 MLTSALSPVI	5	3
>NOTCH2-V2 VLTSALSPVIC	73	>NOTCH2-V2 MLTSALSPVIC	32	41
>NOTCH2-V2 VLTSALSPV	947	>NOTCH2-V2 MLTSALSPV	20	927
>NOTCH2-V2 VLTSALSPV	1210	>NOTCH2-V2 MLTSALSPV	44	1166
>NOTCH2-V2 VLTSALSPV	1206	>NOTCH2-V2 MLTSALSPV	388	818
>NOTCH2-V2 TVLTSALSPV	94	>NOTCH2-V2 TMLTSALSPV	11	83
>NOTCH2-V2 TVLTSALSPVI	3839	>NOTCH2-V2 TMLTSALSPV	99	3740
>NOTCH2-V2 TVLTSALSPV	91	>NOTCH2-V2 TMLTSALSPV	14	77
>NOTCH2-V2 TVLTSALSPV	22	>NOTCH2-V2 TMLTSALSPV	8	14
>NOTCH2-V2 TVLTSALSPVI	5436	>NOTCH2-V2 TMLTSALSPV	371	5065
>NOTCH2-V2 TVLTSALSPV	27	>NOTCH2-V2 TMLTSALSPV	20	7
>NOTCH2-V2 TVLTSALSPVI	369	>NOTCH2-V2 TMLTSALSPV	150	219
>NOTCH2-V2 TVLTSALSPV	211	>NOTCH2-V2 TMLTSALSPV	3	208
>NOTCH2-V2 TVLTSALSPVI	3180	>NOTCH2-V2 TMLTSALSPV	27	3153
>NOTCH2-V2 TVLTSALSPV	224	>NOTCH2-V2 TMLTSALSPV	4	220
>NOTCH2-V2 TVLTSALSPVI	6240	>NOTCH2-V2 TMLTSALSPV	34	6206
>NOTCH2-V2 TVLTSALSPV	210	>NOTCH2-V2 TMLTSALSPV	7	203
>NOTCH2-V2 TVLTSALSPVI	2902	>NOTCH2-V2 TMLTSALSPV	31	2871
>NOTCH2-V2 TVLTSALSPV	321	>NOTCH2-V2 TMLTSALSPV	4	317
>NOTCH2-V2 TVLTSALSPVI	4833	>NOTCH2-V2 TMLTSALSPV	45	4788
>NOTCH2-V2 TVLTSALSPV	56	>NOTCH2-V2 TMLTSALSPV	3	53
>NOTCH2-V2 TVLTSALSPVI	6860	>NOTCH2-V2 TMLTSALSPV	101	6759
>NOTCH2-V2 TVLTSALSPVI	763	>NOTCH2-V2 TMLTSALSPV	432	331
>NOTCH2-V2 TVLTSALSPV	131	>NOTCH2-V2 TMLTSALSPV	521	390
>NOTCH2-V2 TVLTSALSPV	7	>NOTCH2-V2 TMLTSALSPV	15	8
>NOTCH2-V2 TVLTSALSPVI	67	>NOTCH2-V2 TMLTSALSPV	310	243
>NOTCH2-V2 TVLTSALSPV	4163	>NOTCH2-V2 TMLTSALSPV	66	4097
>NOTCH2-V2 TVLTSALSPVI	5214	>NOTCH2-V2 TMLTSALSPV	112	5102
>NOTCH2-V2 TVLTSALSPV	3704	>NOTCH2-V2 TMLTSALSPV	372	3332
>NOTCH2-V2 TVLTSALSPVI	1368	>NOTCH2-V2 TMLTSALSPV	103	1265
>NOTCH2-V2 YNVTPSPPGT	1787	>NOTCH2-V2 YNVTPSPPGT	118	1669
>NOTCH2-V2 GTVLTSALSP\	3183	>NOTCH2-V2 GTMLTSALSP	153	3030
>NOTCH2-V2 GTVLTSAL	1214	>NOTCH2-V2 GTMLTSAL	197	1017
>NOTCH2-V2 GTVLTSALSP\	435	>NOTCH2-V2 GTMLTSALSP	66	369
>NOTCH2-V2 GTVLTSALSP\	66	>NOTCH2-V2 GTMLTSALSP	19	47
>NOTCH2-V2 GTVLTSAL	1397	>NOTCH2-V2 GTMLTSAL	485	912
>NOTCH2-V2 GTVLTSALSP\	62	>NOTCH2-V2 GTMLTSALSP	22	40
>NOTCH2-V2 GTVLTSALSP\	861	>NOTCH2-V2 GTMLTSALSP	246	615
>NOTCH2-V2 GTVLTSALSP\	316	>NOTCH2-V2 GTMLTSALSP	31	285
>NOTCH2-V2 GTVLTSALSP\	1145	>NOTCH2-V2 GTMLTSALSP	367	778
>NOTCH2-V2 GTVLTSAL	1759	>NOTCH2-V2 GTMLTSAL	212	1547
>NOTCH2-V2 GTVLTSALSP\	218	>NOTCH2-V2 GTMLTSALSP	69	149
>NOTCH2-V2 GTVLTSALSP\	539	>NOTCH2-V2 GTMLTSALSP	104	435

>NOTCH2-V2 GTVLTSAL	14	>NOTCH2-V2 GTMLTSAL	16	2
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>NOTCH2-V2 GTVLTSALS	660	>NOTCH2-V2 GTMLTSALS	388	272
>NOTCH2-V2 GTVLTSALSP	92	>NOTCH2-V2 GTMLTSALSP	54	38
>NOTCH2-V2 SPPGTVLTSAL	462	>NOTCH2-V2 SPPGTMLTSA	591	129
>NOTCH2-V2 SPPGTVLTSAL	108	>NOTCH2-V2 SPPGTMLTSA	182	74
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>NOTCH2-V2 SPPGTVLTSAL	454	>NOTCH2-V2 SPPGTMLTSA	537	83
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>NOTCH2-V2 SPPGTVLTSAL	66	>NOTCH2-V2 SPPGTMLTSA	95	29
>NOTCH2-V2 SPPGTVLTSAL	87	>NOTCH2-V2 SPPGTMLTSA	63	24
>NOTCH2-V2 PSPPGTVL	7	>NOTCH2-V2 PSPPGTML	4	3
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>NOTCH2-V2 TPSPPGTV	3975	>NOTCH2-V2 TPSPPGTM	64	3911
>NOTCH2-V2 TPSPPGTVL	133	>NOTCH2-V2 TPSPPGTML	1490	1357
>NOTCH2-V2 VTPSPPGTV	41	>NOTCH2-V2 VTPSPPGTM	5443	5402
>NOTCH2-V2 VTPSPPGTV	12107	>NOTCH2-V2 VTPSPPGTM	145	11962
>NOTCH2-V2 VTPSPPGTV	6419	>NOTCH2-V2 VTPSPPGTM	124	6295
>NOTCH2-V2 VTPSPPGTV	98	>NOTCH2-V2 VTPSPPGTM	9147	9049
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>NOTCH2-V2 VTPSPPGTVL	319	>NOTCH2-V2 VTPSPPGTMI	264	55
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>NOTCH2-V2 VTPSPPGTVL	382	>NOTCH2-V2 VTPSPPGTMI	183	199
>NOTCH2-V2 VTPSPPGTV	1152	>NOTCH2-V2 VTPSPPGTM	335	817
>NOTCH2-V2 VTPSPPGTVL	45	>NOTCH2-V2 VTPSPPGTMI	56	11
>NOTCH2-V2 NVTPSPPGTV	131	>NOTCH2-V2 NVTPSPPGTM	3292	3161
>NOTCH2-V2 NVTPSPPGTV	204	>NOTCH2-V2 NVTPSPPGTM	15158	14954
>NOTCH2-V2 NVTPSPPGTV	565	>NOTCH2-V2 NVTPSPPGTM	337	228
>NOTCH2-V2 NVTPSPPGTV	69	>NOTCH2-V2 NVTPSPPGTM	902	833
>NOTCH2-V2 NVTPSPPGTV	3434	>NOTCH2-V2 NVTPSPPGTM	146	3288
>NOTCH2-Y7 GYNCQVNI	213	>NOTCH2-Y7 GCNCQVNI	29339	29126
>NOTCH2-Y7 GYNCQVNI	45	>NOTCH2-Y7 GCNCQVNI	23736	23691
>NOTCH2-Y7 RCTCKKGFKE	460	>NOTCH2-Y7 RCTCKKGFKE	21301	20841
>NOTCH2-Y7 KGYNCQVNI	88	>NOTCH2-Y7 KGCNCQVNI	258	170
>NOTCH2-Y7 FKGYNQV	289	>NOTCH2-Y7 FKGCNCQV	318	29
>NOTCH2-Y7 FKGYNQVNI	53	>NOTCH2-Y7 FKGCNCQVN	52	1
>NOTCH2-Y7 GFKGYNCQV	252	>NOTCH2-Y7 GFKGCNCQV	503	251
>NOTCH2-Y7 KGFKGYNCQV	473	>NOTCH2-Y7 KGFKGCNCQV	782	309



>NOTCH2-Y7 CKKGFKGY	201	>NOTCH2-Y7 CKKGFKGC	11480	11279
>NOTCH2-Y7 CTCKKGFKGY	333	>NOTCH2-Y7 CTCKKGFKGC	30288	29955
>NOTCH2-Y7 CTCKKGFKGY	29	>NOTCH2-Y7 CTCKKGFKGC	14539	14510
>NOTCH2-Y7 CTCKKGFKGY	256	>NOTCH2-Y7 CTCKKGFKGC	24924	24668
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>NPM1-G69[ GSPIKVTLATL	191	>NPM1-G69[ DSPIKVTLATL	2083	1892
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>NPM1-G69[ MNYEGSPI	383	>NPM1-G69[ MNYEDSPI	1101	718
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>NPM1-G69[ MNYEGSPIKV	482	>NPM1-G69[ MNYEDSPIKV	539	57
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>NPM1-L287DLWQWRKSI	200	>NPM1-L287DFWQWRKSI	20005	19805
>NPM1-L287DLWQWRKSI	29	>NPM1-L287DFWQWRKSI	19439	19410
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>NPM1-L287DLWQWRKSI	7090	>NPM1-L287DFWQWRKSI	161	6929
>NPM1-L287RMTDQEAIQ	96	>NPM1-L287RMTDQEAIQ	8017	7921
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>NPM1-L287RMTDQEAIQ	47	>NPM1-L287RMTDQEAIQ	4065	4018
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>NPM1-L287RMTDQEAIQ	1042	>NPM1-L287RMTDQEAIQ	110	932
>NPM1-L287IQDLWQWRk	230	>NPM1-L287IQDFWQWRk	247	17
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>NPM1-L287 AIQDLWQWF	958	>NPM1-L287 AIQDFWQWF	441	517
>NPM1-L287 AIQDLWQWF	44	>NPM1-L287 AIQDFWQWF	28	16
>NPM1-L287 AIQDLWQWF	226	>NPM1-L287 AIQDFWQWF	87	139
>NPM1-L287 AIQDLWQWF	772	>NPM1-L287 AIQDFWQWF	482	290
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>NPM1-L287 AIQDLWQW	950	>NPM1-L287 AIQDFWQW	464	486
>NPM1-L287 AIQDLWQW	178	>NPM1-L287 AIQDFWQW	204	26
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>NPM1-L287 AIQDLWQWF	1092	>NPM1-L287 AIQDFWQWF	415	677
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>NPM1-L287 EAIQDLWQ	276	>NPM1-L287 EAIQDFWQ	492	216
>NPM1-L287 EAIQDLWQW	42	>NPM1-L287 EAIQDFWQW	265	223
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>NPM1-L287 EAIQDLWQW	44	>NPM1-L287 EAIQDFWQW	31	13
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>NPM1-S293 LWQWRKSL	244	>NPM1-S293 LWQWRKPL	754	510
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>NPM1-S293 IQDLWQWRK	230	>NPM1-S293 IQDLWQWRK	175	55
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>NPM1-W29 LWQWRKSL	244	>NPM1-W29 LWQGRKSL	197	47
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>NPM1-W29 QEAIQDLWQ	17	>NPM1-W29 QEAIQDLWQ	1966	1949
>NPM1-W29 QEAIQDLWQ	37	>NPM1-W29 QEAIQDLWQ	1622	1585
>NPM1-W29 QEAIQDLWQ	271	>NPM1-W29 QEAIQDLWQ	357	86
>NRAS-A11T·MTEYKLVVVC	78	>NRAS-A11T·MTEYKLVVVC	863	785
>NRAS-A11T·VVGAGGVGK	326	>NRAS-A11T·VVGTTGGVVK	459	133
>NRAS-A11T·VVGAGGVGK	89	>NRAS-A11T·VVGTTGGVVK	130	41
>NRAS-A11T·VVVGAGGV	117	>NRAS-A11T·VVVGTGGV	88	29
>NRAS-A11T·VVVGAGGV	68	>NRAS-A11T·VVVGTGGV	74	6
>NRAS-A11T·VVVGAGGV	139	>NRAS-A11T·VVVGTGGV	71	68
>NRAS-A11T·VVVGAGGV	23	>NRAS-A11T·VVVGTGGV	18	5
>NRAS-A11T·VVVGAGGVG	76	>NRAS-A11T·VVVGTGGVG	103	27
>NRAS-A11T·VVVGAGGVG	101	>NRAS-A11T·VVVGTGGVG	126	25
>NRAS-A11T·VVVGAGGVG	203	>NRAS-A11T·VVVGTGGVG	275	72
>NRAS-A11T·VVVGAGGV	191	>NRAS-A11T·VVVGTGGV	248	57
>NRAS-A11T·LVVVGAGGV	180	>NRAS-A11T·LVVVTGGV	75	105
>NRAS-A11T·LVVVGAGGV	55	>NRAS-A11T·LVVVTGGV	39	16

>NRAS-A11T·LVVVGAGGV	75	>NRAS-A11T·LVVVGTTGGV	42	33
>NRAS-A11T·LVVVGAGGV	572	>NRAS-A11T·LVVVGTTGGV	420	152
>NRAS-A11T·LVVVGAGGV	284	>NRAS-A11T·LVVVGTTGGV	255	29
>NRAS-A11T·LVVVGAGGV	154	>NRAS-A11T·LVVVGTTGGV	55	99
>NRAS-A11T·LVVVGAGGV	159	>NRAS-A11T·LVVVGTTGGV	112	47
>NRAS-A11T·KLVVVGAGG	392	>NRAS-A11T·KLVVVGTTGG	231	161
>NRAS-A11T·KLVVVGAGG	35	>NRAS-A11T·KLVVVGTTGG	17	18
>NRAS-A11T·KLVVVGAGG	661	>NRAS-A11T·KLVVVGTTGG	274	387
>NRAS-A11T·KLVVVGAGG	6	>NRAS-A11T·KLVVVGTTGG	5	1
>NRAS-A11T·KLVVVGAGG	17	>NRAS-A11T·KLVVVGTTGG	16	1
>NRAS-A11T·KLVVVGAGG	14	>NRAS-A11T·KLVVVGTTGG	12	2
>NRAS-A11T·KLVVVGAGG	121	>NRAS-A11T·KLVVVGTTGG	91	30
>NRAS-A11T·KLVVVGAGG	6	>NRAS-A11T·KLVVVGTTGG	6	0
>NRAS-A11T·YKLVVVGAGG	423	>NRAS-A11T·YKLVVVGTTGG	374	49
>NRAS-A11T·YKLVVVGAGG	220	>NRAS-A11T·YKLVVVGTTGG	166	54
>NRAS-A11T·YKLVVVGAGG	662	>NRAS-A11T·YKLVVVGTTGG	397	265
>NRAS-A11T·YKLVVVGAG	423	>NRAS-A11T·YKLVVVGTT	1945	1522
>NRAS-A11T·TEYKLVVVGAG	303	>NRAS-A11T·TEYKLVVVGTT	343	40
>NRAS-A11T·TEYKLVVVGAG	68	>NRAS-A11T·TEYKLVVVGTT	300	232
>NRAS-A146·AKTRQGVED	15	>NRAS-A146·TKTRQGVED	40	25
>NRAS-A146·SAKTRQGV	318	>NRAS-A146·STKTRQGV	46	272
>NRAS-A146·SAKTRQGV	3462	>NRAS-A146·STKTRQGV	468	2994
>NRAS-A146·TSAKTRQGV	42	>NRAS-A146·TSTKTRQGV	215	173
>NRAS-A146·TSAKTRQGV	451	>NRAS-A146·TSTKTRQGV	2515	2064
>NRAS-A146·ETSAKTRQGV	13	>NRAS-A146·ETSTKTRQGV	19	6
>NRAS-A146·ETSAKTRQGV	18	>NRAS-A146·ETSTKTRQGV	38	20
>NRAS-A146·IETSAKTRQGV	243	>NRAS-A146·IETSTKTRQGV	234	9
>NRAS-A146·IETSAKTRQGV	263	>NRAS-A146·IETSTKTRQGV	356	93
>NRAS-A146·IETSAKTRQGV	97	>NRAS-A146·IETSTKTRQGV	142	45
>NRAS-A146·FIETSAKTR	144	>NRAS-A146·FIETSTKTR	104	40
>NRAS-A146·FIETSAKTR	727	>NRAS-A146·FIETSTKTR	317	410
>NRAS-A146·PFIETSAKTR	280	>NRAS-A146·PFIETSTKTR	189	91
>NRAS-A146·IPFIETSA	519	>NRAS-A146·IPFIETST	446	73
>NRAS-A146·IPFIETSAK	301	>NRAS-A146·IPFIETSTK	892	591
>NRAS-A146·IPFIETSA	38	>NRAS-A146·IPFIETST	575	537
>NRAS-A146·IPFIETSAKTR	312	>NRAS-A146·IPFIETSTKTR	230	82
>NRAS-A146·GIPFIETSAK	154	>NRAS-A146·GIPFIETSTK	134	20
>NRAS-A146·GIPFIETSAK	72	>NRAS-A146·GIPFIETSTK	59	13
>NRAS-A146·GIPFIETSAK	152	>NRAS-A146·GIPFIETSTK	126	26
>NRAS-A146·YGIPFIETSAK	290	>NRAS-A146·YGIPFIETSTK	160	130
>NRAS-A18T·ALTIQLIQ	273	>NRAS-A18T·TLTIQLIQ	1457	1184
>NRAS-A18T·SALTIQLI	711	>NRAS-A18T·STLTIQLI	442	269
>NRAS-A18T·SALTIQLI	1391	>NRAS-A18T·STLTIQLI	391	1000

>NRAS-A18T·SALTIQLI	2287	>NRAS-A18T·STLTIQLI	418	1869
>NRAS-A18T·SALTIQLI	4584	>NRAS-A18T·STLTIQLI	174	4410
>NRAS-A18T·SALTIQLI	1505	>NRAS-A18T·STLTIQLI	155	1350
>NRAS-A18T·SALTIQLI	736	>NRAS-A18T·STLTIQLI	132	604
>NRAS-A18T·SALTIQLIQNH	5792	>NRAS-A18T·STLTIQLIQNH	365	5427
>NRAS-A18T·SALTIQLI	127	>NRAS-A18T·STLTIQLI	27	100
>NRAS-A18T·KSALTIQLI	239	>NRAS-A18T·KSTLTIQLI	184	55
>NRAS-A18T·KSALTIQL	276	>NRAS-A18T·KSTLTIQL	519	243
>NRAS-A18T·KSALTIQL	7	>NRAS-A18T·KSTLTIQL	11	4
>NRAS-A18T·KSALTIQLI	42	>NRAS-A18T·KSTLTIQLI	62	20
>NRAS-A18T·KSALTIQL	35	>NRAS-A18T·KSTLTIQL	65	30
>NRAS-A18T·KSALTIQLI	24	>NRAS-A18T·KSTLTIQLI	46	22
>NRAS-A18T·KSALTIQL	335	>NRAS-A18T·KSTLTIQL	1469	1134
>NRAS-A18T·KSALTIQLI	73	>NRAS-A18T·KSTLTIQLI	57	16
>NRAS-A18T·KSALTIQL	770	>NRAS-A18T·KSTLTIQL	371	399
>NRAS-A18T·KSALTIQL	241	>NRAS-A18T·KSTLTIQL	531	290
>NRAS-A18T·KSALTIQLI	35	>NRAS-A18T·KSTLTIQLI	60	25
>NRAS-A18T·GKSALTIQL	414	>NRAS-A18T·GKSTLTIQL	820	406
>NRAS-A18T·GKSALTIQLI	765	>NRAS-A18T·GKSTLTIQLI	335	430
>NRAS-A18T·GVGKSALTI	931	>NRAS-A18T·GVGKSTLTI	268	663
>NRAS-A18T·VGAGGVGKS	1249	>NRAS-A18T·VGAGGVGKS	319	930
>NRAS-A59T·AGQEEYSAM	1842	>NRAS-A59T·TGQEEYSAM	493	1349
>NRAS-A59T·TAGQEEYSAM	5120	>NRAS-A59T·TTGQEEYSAM	71	5049
>NRAS-A59T·TAGQEEYSAM	5722	>NRAS-A59T·TTGQEEYSAM	225	5497
>NRAS-A59T·TAGQEEYSAM	56	>NRAS-A59T·TTGQEEYSAM	19	37
>NRAS-A59T·TAGQEEYSAM	11397	>NRAS-A59T·TTGQEEYSAM	341	11056
>NRAS-A59T·ETCLLDILDTA	107	>NRAS-A59T·ETCLLDILDTT	1516	1409
>NRAS-A59T·DTAGQEEY	387	>NRAS-A59T·DTTGQEEY	1392	1005
>NRAS-A59T·DTAGQEEY	94	>NRAS-A59T·DTTGQEEY	253	159
>NRAS-A59T·DTAGQEEYS/	491	>NRAS-A59T·DTTGQEEYSA	1194	703
>NRAS-A59T·DTAGQEEY	28	>NRAS-A59T·DTTGQEEY	121	93
>NRAS-A59T·DTAGQEEYS/	20	>NRAS-A59T·DTTGQEEYSA	54	34
>NRAS-A59T·DTAGQEEY	8	>NRAS-A59T·DTTGQEEY	13	5
>NRAS-A59T·DTAGQEEYS/	6	>NRAS-A59T·DTTGQEEYSA	10	4
>NRAS-A59T·DTAGQEEYS/	223	>NRAS-A59T·DTTGQEEYSA	188	35
>NRAS-A59T·DTAGQEEY	245	>NRAS-A59T·DTTGQEEY	498	253
>NRAS-A59T·DTAGQEEY	89	>NRAS-A59T·DTTGQEEY	309	220
>NRAS-A59T·DTAGQEEYS	408	>NRAS-A59T·DTTGQEEYS	2458	2050
>NRAS-A59T·DTAGQEEYS/	389	>NRAS-A59T·DTTGQEEYSA	2266	1877
>NRAS-A59T·DTAGQEEYS/	449	>NRAS-A59T·DTTGQEEYSA	884	435
>NRAS-A59T·ILDTAGQEEY	135	>NRAS-A59T·ILDTTGQEEY	113	22
>NRAS-A59T·ILDTAGQEEY:	734	>NRAS-A59T·ILDTTGQEEY:	453	281
>NRAS-A59T·ILDTAGQEEY	571	>NRAS-A59T·ILDTTGQEEY	422	149

>NRAS-A59T·ILDTAGQEEY	349	>NRAS-A59T·ILDTTGQEEY	415	66
>NRAS-A59T·ILDTAGQEEY	463	>NRAS-A59T·ILDTTGQEEY	313	150
>NRAS-A59T·DILDTAGQEE	849	>NRAS-A59T·DILDTTGQEE	419	430
>NRAS-A59T·DILDTAGQEE	150	>NRAS-A59T·DILDTTGQEE	82	68
>NRAS-A59T·DILDTAGQEE	183	>NRAS-A59T·DILDTTGQEE	185	2
>NRAS-A59T·LLDILDTA	318	>NRAS-A59T·LLDILDTT	1347	1029
>NRAS-A59T·LLDILDTA	45	>NRAS-A59T·LLDILDTT	265	220
>NRAS-A59T·LLDILDTA	149	>NRAS-A59T·LLDILDTT	1918	1769
>NRAS-A59T·LLDILDTA	42	>NRAS-A59T·LLDILDTT	566	524
>NRAS-A59T·LLDILDTA	36	>NRAS-A59T·LLDILDTT	390	354
>NRAS-A59T·LLDILDTAGQ	401	>NRAS-A59T·LLDILDTTGQ	432	31
>NRAS-A59T·CLLDILDTA	48	>NRAS-A59T·CLLDILDTT	308	260
>NRAS-A59T·CLLDILDTA	69	>NRAS-A59T·CLLDILDTT	326	257
>NRAS-A59T·CLLDILDTA	89	>NRAS-A59T·CLLDILDTT	825	736
>NRAS-A59T·CLLDILDTA	23	>NRAS-A59T·CLLDILDTT	115	92
>NRAS-A59T·CLLDILDTA	10	>NRAS-A59T·CLLDILDTT	56	46
>NRAS-A59T·CLLDILDTA	11	>NRAS-A59T·CLLDILDTT	130	119
>NRAS-A59T·CLLDILDTA	39	>NRAS-A59T·CLLDILDTT	612	573
>NRAS-A59T·CLLDILDTA	7	>NRAS-A59T·CLLDILDTT	33	26
>NRAS-A59T·CLLDILDTAGC	479	>NRAS-A59T·CLLDILDTTGC	1068	589
>NRAS-A59T·CLLDILDTA	13	>NRAS-A59T·CLLDILDTT	117	104
>NRAS-A59T·CLLDILDTAGC	138	>NRAS-A59T·CLLDILDTTGC	179	41
>NRAS-C51Y·CLLDILDT	904	>NRAS-C51Y·YLLDILDT	22	882
>NRAS-C51Y·CLLDILDTA	48	>NRAS-C51Y·YLLDILDTA	8	40
>NRAS-C51Y·CLLDILDTAG	2990	>NRAS-C51Y·YLLDILDTAG	274	2716
>NRAS-C51Y·CLLDILDTAGC	6354	>NRAS-C51Y·YLLDILDTAGC	203	6151
>NRAS-C51Y·CLLDILDT	1560	>NRAS-C51Y·YLLDILDT	147	1413
>NRAS-C51Y·CLLDILDTA	69	>NRAS-C51Y·YLLDILDTA	5	64
>NRAS-C51Y·CLLDILDTAG	4093	>NRAS-C51Y·YLLDILDTAG	378	3715
>NRAS-C51Y·CLLDILDTAGC	731	>NRAS-C51Y·YLLDILDTAGC	42	689
>NRAS-C51Y·CLLDILDT	1679	>NRAS-C51Y·YLLDILDT	84	1595
>NRAS-C51Y·CLLDILDTA	89	>NRAS-C51Y·YLLDILDTA	5	84
>NRAS-C51Y·CLLDILDTAGC	3796	>NRAS-C51Y·YLLDILDTAGC	355	3441
>NRAS-C51Y·CLLDILDT	1503	>NRAS-C51Y·YLLDILDT	29	1474
>NRAS-C51Y·CLLDILDTA	23	>NRAS-C51Y·YLLDILDTA	4	19
>NRAS-C51Y·CLLDILDTAG	6482	>NRAS-C51Y·YLLDILDTAG	470	6012
>NRAS-C51Y·CLLDILDTAGC	1926	>NRAS-C51Y·YLLDILDTAGC	49	1877
>NRAS-C51Y·CLLDILDT	667	>NRAS-C51Y·YLLDILDT	9	658
>NRAS-C51Y·CLLDILDTA	10	>NRAS-C51Y·YLLDILDTA	2	8
>NRAS-C51Y·CLLDILDTAG	3093	>NRAS-C51Y·YLLDILDTAG	52	3041
>NRAS-C51Y·CLLDILDTAGC	835	>NRAS-C51Y·YLLDILDTAGC	12	823
>NRAS-C51Y·CLLDILDT	2429	>NRAS-C51Y·YLLDILDT	31	2398
>NRAS-C51Y·CLLDILDTA	11	>NRAS-C51Y·YLLDILDTA	3	8

>NRAS-C51Y-CLLDILDTAG	4659	>NRAS-C51Y-YLLDILDTAG	177	4482
>NRAS-C51Y-CLLDILDTAGC	1277	>NRAS-C51Y-YLLDILDTAGC	23	1254
>NRAS-C51Y-CLLDILDT	2051	>NRAS-C51Y-YLLDILDT	14	2037
>NRAS-C51Y-CLLDILDTA	39	>NRAS-C51Y-YLLDILDTA	5	34
>NRAS-C51Y-CLLDILDTAG	12191	>NRAS-C51Y-YLLDILDTAG	341	11850
>NRAS-C51Y-CLLDILDTAGC	3176	>NRAS-C51Y-YLLDILDTAGC	28	3148
>NRAS-C51Y-CLLDILDT	748	>NRAS-C51Y-YLLDILDT	22	726
>NRAS-C51Y-CLLDILDTA	7	>NRAS-C51Y-YLLDILDTA	2	5
>NRAS-C51Y-CLLDILDTAGC	479	>NRAS-C51Y-YLLDILDTAGC	17	462
>NRAS-C51Y-CLLDILDT	239	>NRAS-C51Y-YLLDILDT	4	235
>NRAS-C51Y-CLLDILDTA	13	>NRAS-C51Y-YLLDILDTA	2	11
>NRAS-C51Y-CLLDILDTAG	11181	>NRAS-C51Y-YLLDILDTAG	144	11037
>NRAS-C51Y-CLLDILDTAGC	138	>NRAS-C51Y-YLLDILDTAGC	4	134
>NRAS-C51Y-CLLDILDTA	6908	>NRAS-C51Y-YLLDILDTA	326	6582
>NRAS-C51Y-RKQVVIDGET	3483	>NRAS-C51Y-RKQVVIDGET	20	3463
>NRAS-C51Y-ETCLLDIL	80	>NRAS-C51Y-ETYLLDIL	82	2
>NRAS-C51Y-ETCLLDIL	424	>NRAS-C51Y-ETYLLDIL	69	355
>NRAS-C51Y-ETCLLDILDTA	107	>NRAS-C51Y-ETYLLDILDTA	23	84
>NRAS-C51Y-ETCLLDIL	5801	>NRAS-C51Y-ETYLLDIL	239	5562
>NRAS-C51Y-ETCLLDILDTA	3948	>NRAS-C51Y-ETYLLDILDTA	200	3748
>NRAS-C51Y-ETCLLDIL	3160	>NRAS-C51Y-ETYLLDIL	337	2823
>NRAS-C51Y-GETCLLDI	1292	>NRAS-C51Y-GETYLLDI	482	810
>NRAS-C51Y-GETCLLDIL	836	>NRAS-C51Y-GETYLLDIL	163	673
>NRAS-C51Y-GETCLLDI	67	>NRAS-C51Y-GETYLLDI	39	28
>NRAS-C51Y-GETCLLDIL	8	>NRAS-C51Y-GETYLLDIL	6	2
>NRAS-C51Y-GETCLLDI	303	>NRAS-C51Y-GETYLLDI	109	194
>NRAS-C51Y-GETCLLDIL	192	>NRAS-C51Y-GETYLLDIL	44	148
>NRAS-C51Y-GETCLLDILDT	845	>NRAS-C51Y-GETYLLDILDT	339	506
>NRAS-C51Y-GETCLLDIL	465	>NRAS-C51Y-GETYLLDIL	543	78
>NRAS-C51Y-GETCLLDI	124	>NRAS-C51Y-GETYLLDI	14	110
>NRAS-C51Y-GETCLLDIL	9	>NRAS-C51Y-GETYLLDIL	8	1
>NRAS-C51Y-GETCLLDILDT	137	>NRAS-C51Y-GETYLLDILDT	106	31
>NRAS-C51Y-IDGETCLLDI	411	>NRAS-C51Y-IDGETYLLDI	349	62
>NRAS-C51Y-IDGETCLL	477	>NRAS-C51Y-IDGETYLL	273	204
>NRAS-C51Y-IDGETCLLDI	248	>NRAS-C51Y-IDGETYLLDI	108	140
>NRAS-C51Y-VIDGETCL	3503	>NRAS-C51Y-VIDGETYL	423	3080
>NRAS-C51Y-VIDGETCLL	1091	>NRAS-C51Y-VIDGETYLL	81	1010
>NRAS-C51Y-VIDGETCL	1041	>NRAS-C51Y-VIDGETYL	99	942
>NRAS-C51Y-VIDGETCLL	144	>NRAS-C51Y-VIDGETYLL	19	125
>NRAS-C51Y-VIDGETCL	2255	>NRAS-C51Y-VIDGETYL	199	2056
>NRAS-C51Y-VIDGETCLL	476	>NRAS-C51Y-VIDGETYLL	214	262
>NRAS-C51Y-VIDGETCL	647	>NRAS-C51Y-VIDGETYL	38	609
>NRAS-C51Y-VIDGETCLL	84	>NRAS-C51Y-VIDGETYLL	62	22



>NRAS-C51Y-VIDGETCLLDI	781	>NRAS-C51Y-VIDGETYLLDI	377	404
>NRAS-C51Y-VIDGETCLL	1269	>NRAS-C51Y-VIDGETYLL	285	984
>NRAS-C51Y-VIDGETCL	360	>NRAS-C51Y-VIDGETYL	103	257
>NRAS-C51Y-VIDGETCLL	137	>NRAS-C51Y-VIDGETYLL	216	79
>NRAS-C51Y-VIDGETCL	1133	>NRAS-C51Y-VIDGETYL	167	966
>NRAS-C51Y-VIDGETCLL	265	>NRAS-C51Y-VIDGETYLL	88	177
>NRAS-C51Y-VIDGETCL	136	>NRAS-C51Y-VIDGETYL	32	104
>NRAS-C51Y-VIDGETCLL	17	>NRAS-C51Y-VIDGETYLL	41	24
>NRAS-C51Y-VVIDGETCL	1879	>NRAS-C51Y-VVIDGETYL	147	1732
>NRAS-C51Y-VVIDGETCLL	1918	>NRAS-C51Y-VVIDGETYLL	430	1488
>NRAS-C51Y-VVIDGETCL	1748	>NRAS-C51Y-VVIDGETYL	101	1647
>NRAS-C51Y-VVIDGETCLL	148	>NRAS-C51Y-VVIDGETYLL	52	96
>NRAS-C51Y-VVIDGETCL	3732	>NRAS-C51Y-VVIDGETYL	261	3471
>NRAS-C51Y-VVIDGETCL	346	>NRAS-C51Y-VVIDGETYL	15	331
>NRAS-C51Y-VVIDGETCLL	579	>NRAS-C51Y-VVIDGETYLL	152	427
>NRAS-C51Y-VVIDGETCL	3452	>NRAS-C51Y-VVIDGETYL	102	3350
>NRAS-C51Y-VVIDGETCLL	639	>NRAS-C51Y-VVIDGETYLL	282	357
>NRAS-C51Y-VVIDGETCLL	1559	>NRAS-C51Y-VVIDGETYLL	338	1221
>NRAS-C51Y-VVIDGETCL	1479	>NRAS-C51Y-VVIDGETYL	378	1101
>NRAS-C51Y-VVIDGETCL	72	>NRAS-C51Y-VVIDGETYL	9	63
>NRAS-C51Y-VVIDGETCLL	17	>NRAS-C51Y-VVIDGETYLL	20	3
>NRAS-C51Y-VVIDGETC	18197	>NRAS-C51Y-VVIDGETY	21	18176
>NRAS-C51Y-VVIDGETCL	841	>NRAS-C51Y-VVIDGETYL	339	502
>NRAS-C51Y-VVIDGETC	20426	>NRAS-C51Y-VVIDGETY	25	20401
>NRAS-C51Y-VVIDGETC	25650	>NRAS-C51Y-VVIDGETY	94	25556
>NRAS-C51Y-VVIDGETC	25814	>NRAS-C51Y-VVIDGETY	465	25349
>NRAS-C51Y-VVIDGETC	16216	>NRAS-C51Y-VVIDGETY	142	16074
>NRAS-C51Y-VVIDGETC	19238	>NRAS-C51Y-VVIDGETY	59	19179
>NRAS-C51Y-VVIDGETC	18569	>NRAS-C51Y-VVIDGETY	160	18409
>NRAS-C51Y-QVVIDGETCL	2709	>NRAS-C51Y-QVVIDGETYL	296	2413
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>NRAS-C51Y-QVVIDGETC	24143	>NRAS-C51Y-QVVIDGETY	36	24107
>NRAS-C51Y-QVVIDGETC	23680	>NRAS-C51Y-QVVIDGETY	122	23558
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>NRAS-C51Y-QVVIDGETC	24221	>NRAS-C51Y-QVVIDGETY	488	23733
>NRAS-C51Y-QVVIDGETC	19399	>NRAS-C51Y-QVVIDGETY	240	19159
>NRAS-C51Y-QVVIDGETC	24515	>NRAS-C51Y-QVVIDGETY	417	24098
>NRAS-C51Y-KQVVIDGETC	1211	>NRAS-C51Y-KQVVIDGETY	184	1027
>NRAS-C51Y-KQVVIDGETC	185	>NRAS-C51Y-KQVVIDGETY	25	160
>NRAS-C51Y-KQVVIDGETC	11351	>NRAS-C51Y-KQVVIDGETY	101	11250
>NRAS-C51Y-KQVVIDGETC	4065	>NRAS-C51Y-KQVVIDGETY	28	4037
>NRAS-C51Y-KQVVIDGETC	222	>NRAS-C51Y-KQVVIDGETY	205	17
>NRAS-C51Y-KQVVIDGETC	458	>NRAS-C51Y-KQVVIDGETY	303	155

>NRAS-D92N DINLYREQIK	1818	>NRAS-D92N NINLYREQIK	426	1392
>NRAS-D92N DINLYREQIKF	1269	>NRAS-D92N NINLYREQIKF	317	952
>NRAS-D92N DINLYREQIKF	48	>NRAS-D92N NINLYREQIKF	217	169
>NRAS-D92N DINLYREQIKF	53	>NRAS-D92N NINLYREQIKF	66	13
>NRAS-D92N DINLYREQI	751	>NRAS-D92N NINLYREQI	283	468
>NRAS-D92N DINLYREQIKF	1772	>NRAS-D92N NINLYREQIKF	431	1341
>NRAS-D92N ADINLYREQI	83	>NRAS-D92N ANINLYREQI	2943	2860
>NRAS-D92N ADINLYREQI	75	>NRAS-D92N ANINLYREQI	4151	4076
>NRAS-D92N FADINLYREQ	909	>NRAS-D92N FANINLYREQ	79	830
>NRAS-D92N FADINLYREQ	967	>NRAS-D92N FANINLYREQ	310	657
>NRAS-D92N FADINLYREQ	403	>NRAS-D92N FANINLYREQ	924	521
>NRAS-D92N FADINLYREQ	374	>NRAS-D92N FANINLYREQ	690	316
>NRAS-D92N FADINLYR	1908	>NRAS-D92N FANINLYR	59	1849
>NRAS-D92N FADINLYR	1182	>NRAS-D92N FANINLYR	212	970
>NRAS-D92N FADINLYR	45	>NRAS-D92N FANINLYR	12	33
>NRAS-D92N FADINLYREQ	4447	>NRAS-D92N FANINLYREQ	220	4227
>NRAS-D92N FADINLYREQ	860	>NRAS-D92N FANINLYREQ	495	365
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>NRAS-D92N FADINLYREQ	597	>NRAS-D92N FANINLYREQ	486	111
>NRAS-D92N SFADINLYR	462	>NRAS-D92N SFANINLYR	411	51
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>NRAS-D92N SFADINLYR	20	>NRAS-D92N SFANINLYR	16	4
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>NRAS-D92N SFADINLY	662	>NRAS-D92N SFANINLY	244	418
>NRAS-D92N SFADINLYR	9	>NRAS-D92N SFANINLYR	12	3
>NRAS-D92N KSFADINL	446	>NRAS-D92N KSFANINL	142	304
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>NRAS-D92N KSFADINLY	177	>NRAS-D92N KSFANINLY	92	85
>NRAS-D92N KSFADINLYR	151	>NRAS-D92N KSFANINLYR	53	98
>NRAS-D92N KSFADINLY	58	>NRAS-D92N KSFANINLY	40	18
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>NRAS-D92N KSFADINLY	143	>NRAS-D92N KSFANINLY	92	51
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>NRAS-D92N KSFADINLY	12	>NRAS-D92N KSFANINLY	13	1
>NRAS-D92N KSFADINLYR	10	>NRAS-D92N KSFANINLYR	5	5
>NRAS-D92N KSFADINL	50	>NRAS-D92N KSFANINL	22	28
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>NRAS-D92N KSFADINLY	107	>NRAS-D92N KSFANINLY	99	8
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>NRAS-D92N KSFADINLY	267	>NRAS-D92N KSFANINLY	181	86
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>NRAS-D92N KSFADINL	157	>NRAS-D92N KSFANINL	187	30
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>NRAS-E49K- ETCLLDIL	6111	>NRAS-E49K- KTCLLDIL	495	5616
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>NRAS-E49K- IDGETCLLDI	411	>NRAS-E49K- IDGKTCLLDI	668	257
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>NRAS-E49K-VIDGETCLL	476	>NRAS-E49K-VIDGKTCLL	1034	558
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>NRAS-E49K-VVIDGETCL	346	>NRAS-E49K-VVIDGKTCL	516	170
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>NRAS-E49K-KQVVIDGETC	222	>NRAS-E49K-KQVVIDGKTC	303	81
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>NRAS-G10E-KLVVVGAGG'	392	>NRAS-G10E-KLVVVEAGG\	301	91
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>NRAS-G10E: KLVVVGAGG\	121	>NRAS-G10E: KLVVVEAGG\	136	15
>NRAS-G10E: KLVVVGAGG\	6	>NRAS-G10E: KLVVVEAGG\	8	2
>NRAS-G10E: YKLVVVGAGC	423	>NRAS-G10E: YKLVVVEAGC	334	89
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>NRAS-G10E: YKLVVVGGA	423	>NRAS-G10E: YKLVVVEA	137	286
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>NRAS-G10E: TEYKLVVVGGA	691	>NRAS-G10E: TEYKLVVVEA	434	257
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>NRAS-G10E: TEYKLVVVGGA	303	>NRAS-G10E: TEYKLVVVEA	183	120
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>NRAS-G10E: TEYKLVVVGGA	68	>NRAS-G10E: TEYKLVVVEA	40	28
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>NRAS-G12A: AGGVGKSALT	8132	>NRAS-G12A: AAGVGKSALT	444	7688
>NRAS-G12A: AGGVGKSALT	1153	>NRAS-G12A: AAGVGKSALT	225	928
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>NRAS-G12A: TEYKLVVVGGA	2108	>NRAS-G12A: TEYKLVVVGGA	22	2086
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>NRAS-G12A: VVGAGGVGK	326	>NRAS-G12A: VVGAAGVGK	415	89
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>NRAS-G12A: VVVGAGGV	1957	>NRAS-G12A: VVVGAAAGV	491	1466
>NRAS-G12A: VVVGAGGV	117	>NRAS-G12A: VVVGAAAGV	61	56
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>NRAS-G12A: VVVGAGGV	707	>NRAS-G12A: VVVGAAAGV	241	466
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>NRAS-G12D VVVGAGGV	707	>NRAS-G12D VVVGADGV	238	469
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>NRAS-G12D YKLVVVGAGC	423	>NRAS-G12D YKLVVVGADC	186	237
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>NRAS-G12G VVVGAGGV	117	>NRAS-G12G VVVGAGGV	117	0
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>NRAS-G12G VVVGAGGVG	101	>NRAS-G12G VVVGAGGVG	101	0
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>NRAS-G12G KLVVVGAGG'	14	>NRAS-G12G KLVVVGAGG'	14	0
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>NRAS-G12G KLVVVGAGG'	6	>NRAS-G12G KLVVVGAGG'	6	0
>NRAS-G12G YKLVVVGAGC	423	>NRAS-G12G YKLVVVGAGC	423	0
>NRAS-G12G YKLVVVGAGC	220	>NRAS-G12G YKLVVVGAGC	220	0
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>NRAS-G12N VVGAGGVGK	89	>NRAS-G12N VVGANGVGK	82	7
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>NRAS-G12NKLVVVGAGG'	35	>NRAS-G12NKLVVVGANG'	47	12
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>NRAS-G12NYKLVVVGAGG'	220	>NRAS-G12NYKLVVVGANG'	221	1
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>NRAS-G12NYKLVVVGAGG'	696	>NRAS-G12NYKLVVVGANG'	151	545
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>NRAS-G12P LVVVGAGGV	572	>NRAS-G12P LVVVGAPGV	303	269
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>NRAS-G12P KLVVVGAGG'	14	>NRAS-G12P KLVVVGAPG\	6	8
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>NRAS-G12R AGGVGKSAL	24511	>NRAS-G12R ARGVGKSAL	48	24463
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>NRAS-G12R VVGAGGVGK	326	>NRAS-G12R VVGARGVGK	170	156
>NRAS-G12R VVGAGGVGK	89	>NRAS-G12R VVGARGVGK	71	18
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>NRAS-G12R VVVGAGGVG	76	>NRAS-G12R VVVGARGVG	68	8
>NRAS-G12R VVVGAGGVG	101	>NRAS-G12R VVVGARGVG	74	27
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>NRAS-G12R KLVVVGAGG'	17	>NRAS-G12R KLVVVGARG\	22	5
>NRAS-G12R KLVVVGAGG'	14	>NRAS-G12R KLVVVGARG\	21	7

>NRAS-G12R KLVVVGAGG\	121	>NRAS-G12R KLVVVGARG\	147	26
>NRAS-G12R KLVVVGAGG\	6	>NRAS-G12R KLVVVGARG\	7	1
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>NRAS-G12R YKLVVVGAGC	696	>NRAS-G12R YKLVVVGARC	223	473
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>NRAS-G12R EYKLVVVGAGC	33748	>NRAS-G12R EYKLVVVGAR	200	33548
>NRAS-G12S AGGVGKSAL	15310	>NRAS-G12S ASGVGKSAL	159	15151
>NRAS-G12S AGGVGKSALT	8132	>NRAS-G12S ASGVGKSALT	84	8048
>NRAS-G12S AGGVGKSALT	1153	>NRAS-G12S ASGVGKSALT	53	1100
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>NRAS-G12S VVVGAGGV	649	>NRAS-G12S VVVGASGV	355	294
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>NRAS-G12S LVVVGAGGV\	284	>NRAS-G12S LVVVGASGV\	151	133
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>NRAS-G12S LVVVGAGGV	159	>NRAS-G12S LVVVGASGV	136	23
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>NRAS-G12T·KLVVVGAGG'	121	>NRAS-G12T·KLVVVGATG\	34	87
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>NRAS-G12T·YKLVVVGAGC	696	>NRAS-G12T·YKLVVVGATC	95	601
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>NRAS-G12V·VVVGAGGV	68	>NRAS-G12V·VVVGAVGV	15	53
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>NRAS-G12V·LVVVGAGGV	180	>NRAS-G12V·LVVVGAVGV	330	150
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>NRAS-G12V·KLVVVGAG	4828	>NRAS-G12V·KLVVVGAV	50	4778
>NRAS-G12V·KLVVVGAGG'	392	>NRAS-G12V·KLVVVGAVG\	221	171
>NRAS-G12V·KLVVVGAG	4844	>NRAS-G12V·KLVVVGAV	9	4835
>NRAS-G12V·KLVVVGAGG'	35	>NRAS-G12V·KLVVVGAVG\	59	24
>NRAS-G12V·KLVVVGAG	11214	>NRAS-G12V·KLVVVGAV	37	11177

>NRAS-G12V KLVVVGAGG'	661	>NRAS-G12V KLVVVGAVG'	241	420
>NRAS-G12V KLVVVGAG	4834	>NRAS-G12V KLVVVGAV	3	4831
>NRAS-G12V KLVVVGAGG'	6	>NRAS-G12V KLVVVGAVG'	4	2
>NRAS-G12V KLVVVGAG	13314	>NRAS-G12V KLVVVGAV	10	13304
>NRAS-G12V KLVVVGAGG'	17	>NRAS-G12V KLVVVGAVG'	7	10
>NRAS-G12V KLVVVGAG	14961	>NRAS-G12V KLVVVGAV	16	14945
>NRAS-G12V KLVVVGAGG'	14	>NRAS-G12V KLVVVGAVG'	8	6
>NRAS-G12V KLVVVGAG	25902	>NRAS-G12V KLVVVGAV	134	25768
>NRAS-G12V KLVVVGAGG'	121	>NRAS-G12V KLVVVGAVG'	24	97
>NRAS-G12V KLVVVGAG	24283	>NRAS-G12V KLVVVGAV	7	24276
>NRAS-G12V KLVVVGAGG'	6	>NRAS-G12V KLVVVGAVG'	4	2
>NRAS-G12V YKLVVVGAG	16618	>NRAS-G12V YKLVVVGAV	240	16378
>NRAS-G12V YKLVVVGAGC	423	>NRAS-G12V YKLVVVGAVC	151	272
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>NRAS-G12V YKLVVVGAGC	220	>NRAS-G12V YKLVVVGAVC	99	121
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>NRAS-G12V YKLVVVGAG	5121	>NRAS-G12V YKLVVVGAV	97	5024
>NRAS-G12V YKLVVVGAGC	696	>NRAS-G12V YKLVVVGAVC	94	602
>NRAS-G12V YKLVVVGAG	15897	>NRAS-G12V YKLVVVGAV	465	15432
>NRAS-G12Y·GGVGKSALTI	2287	>NRAS-G12Y·YGVGKSALTI	183	2104
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>NRAS-G12Y·AGGVGKSALT	10208	>NRAS-G12Y·AYGVGKSALT	21	10187
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>NRAS-G12Y·AGGVGKSAL	21694	>NRAS-G12Y·AYGVGKSAL	54	21640
>NRAS-G12Y·AGGVGKSALT	21011	>NRAS-G12Y·AYGVGKSALT	18	20993
>NRAS-G12Y·TEYKLVVGA	4607	>NRAS-G12Y·TEYKLVVGA	258	4349
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>NRAS-G12Y·TEYKLVVGA	20054	>NRAS-G12Y·TEYKLVVGA	340	19714
>NRAS-G12Y·TEYKLVVGA	3297	>NRAS-G12Y·TEYKLVVGA	9	3288
>NRAS-G12Y·TEYKLVVGA	6833	>NRAS-G12Y·TEYKLVVGA	287	6546
>NRAS-G12Y·TEYKLVVGA	5927	>NRAS-G12Y·TEYKLVVGA	148	5779
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>NRAS-G12Y·GAGGVGKSA	7777	>NRAS-G12Y·GAYGVGKSAI	137	7640
>NRAS-G12Y·GAGGVGKSA	9745	>NRAS-G12Y·GAYGVGKSAI	403	9342
>NRAS-G12Y·VVGAGGVGK	326	>NRAS-G12Y·VVGAYGVGK	303	23
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>NRAS-G12Y·VVVGAGGV	1957	>NRAS-G12Y·VVVGAYGV	249	1708
>NRAS-G12Y·VVVGAGGV	117	>NRAS-G12Y·VVVGAYGV	97	20
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>NRAS-G12Y·VVVGAGGV	139	>NRAS-G12Y·VVVGAYGV	35	104
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>NRAS-G12Y·VVVGAGGV	707	>NRAS-G12Y·VVVGAYGV	112	595
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>NRAS-G12Y·VVVGAGGVC	101	>NRAS-G12Y·VVVGAYGVG	57	44
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>NRAS-G12Y·LVVVGAGGV\	572	>NRAS-G12Y·LVVVGAYGV\	203	369
>NRAS-G12Y·LVVVGAGGV\	284	>NRAS-G12Y·LVVVGAYGV\	138	146
>NRAS-G12Y·LVVVGAGGV	154	>NRAS-G12Y·LVVVGAYGV	27	127
>NRAS-G12Y·LVVVGAGGV	159	>NRAS-G12Y·LVVVGAYGV	51	108
>NRAS-G12Y·KLVVVGAGG\	1541	>NRAS-G12Y·KLVVVGAYG\	138	1403
>NRAS-G12Y·KLVVVGAGG\	392	>NRAS-G12Y·KLVVVGAYG\	66	326
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>NRAS-G12Y·KLVVVGAGG\	661	>NRAS-G12Y·KLVVVGAYG\	77	584
>NRAS-G12Y·KLVVVGAGG\	6	>NRAS-G12Y·KLVVVGAYG\	3	3
>NRAS-G12Y·KLVVVGAGG\	17	>NRAS-G12Y·KLVVVGAYG\	4	13
>NRAS-G12Y·KLVVVGAGG\	14	>NRAS-G12Y·KLVVVGAYG\	7	7
>NRAS-G12Y·KLVVVGAGG\	121	>NRAS-G12Y·KLVVVGAYG\	8	113
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>NRAS-G12Y·KLVVVGAG	26416	>NRAS-G12Y·KLVVVGAY	251	26165
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>NRAS-G12Y·KLVVVGAG	15848	>NRAS-G12Y·KLVVVGAY	329	15519
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>NRAS-G12Y·YKLVVVGAGC	423	>NRAS-G12Y·YKLVVVGAYC	116	307
>NRAS-G12Y·YKLVVVGAGC	220	>NRAS-G12Y·YKLVVVGAYC	54	166
>NRAS-G12Y·YKLVVVGAGC	2437	>NRAS-G12Y·YKLVVVGAYC	264	2173
>NRAS-G12Y·YKLVVVGAGC	662	>NRAS-G12Y·YKLVVVGAYC	122	540
>NRAS-G12Y·YKLVVVGAGC	5066	>NRAS-G12Y·YKLVVVGAYC	357	4709
>NRAS-G12Y·YKLVVVGAG	32075	>NRAS-G12Y·YKLVVVGAY	388	31687
>NRAS-G12Y·YKLVVVGAG	5121	>NRAS-G12Y·YKLVVVGAY	8	5113
>NRAS-G12Y·YKLVVVGAGC	696	>NRAS-G12Y·YKLVVVGAYC	165	531

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>NRAS-G12Y·EYKLVVVGAC	17935	>NRAS-G12Y·EYKLVVVGAY	157	17778
>NRAS-G12Y·EYKLVVVGAC	20949	>NRAS-G12Y·EYKLVVVGAY	292	20657
>NRAS-G12Y·EYKLVVVGAC	26658	>NRAS-G12Y·EYKLVVVGAY	124	26534
>NRAS-G12Y·EYKLVVVGAC	27605	>NRAS-G12Y·EYKLVVVGAY	68	27537
>NRAS-G12Y·EYKLVVVGAC	24729	>NRAS-G12Y·EYKLVVVGAY	47	24682
>NRAS-G13A GVGKSALTI	931	>NRAS-G13A AVGKSALTI	175	756
>NRAS-G13A GGVGKSAL	7093	>NRAS-G13A GAVGKSAL	164	6929
>NRAS-G13A GGVGKSALTI	2287	>NRAS-G13A GAVGKSALTI	43	2244
>NRAS-G13A AGGVGKSALT	1153	>NRAS-G13A AGAVGKSALT	359	794
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>NRAS-G13A VVGAGGVGK	89	>NRAS-G13A VVGAGAVGK	87	2
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>NRAS-G13A VVVGAGGV	68	>NRAS-G13A VVVGAGAV	39	29
>NRAS-G13A VVVGAGGV	139	>NRAS-G13A VVVGAGAV	112	27
>NRAS-G13A VVVGAGGV	23	>NRAS-G13A VVVGAGAV	28	5
>NRAS-G13A VVVGAGGVG	76	>NRAS-G13A VVVGAGAVG	111	35
>NRAS-G13A VVVGAGGVG	101	>NRAS-G13A VVVGAGAVG	127	26
>NRAS-G13A VVVGAGGVG	203	>NRAS-G13A VVVGAGAVG	200	3
>NRAS-G13A VVVGAGGV	191	>NRAS-G13A VVVGAGAV	189	2
>NRAS-G13A LVVVGAGGV	180	>NRAS-G13A LVVVGAGAV	169	11
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>NRAS-G13A LVVVGAGGV	55	>NRAS-G13A LVVVGAGAV	44	11
>NRAS-G13A LVVVGAGGV	75	>NRAS-G13A LVVVGAGAV	187	112
>NRAS-G13A LVVVGAGGV	284	>NRAS-G13A LVVVGAGAV	159	125
>NRAS-G13A LVVVGAGGV	154	>NRAS-G13A LVVVGAGAV	213	59
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>NRAS-G13A KLVVVGAGG	6	>NRAS-G13A KLVVVGAGA	6	0
>NRAS-G13A KLVVVGAGG	8199	>NRAS-G13A KLVVVGAGA	120	8079
>NRAS-G13A KLVVVGAGG	17	>NRAS-G13A KLVVVGAGA	15	2
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>NRAS-G13A KLVVVGAGG	14	>NRAS-G13A KLVVVGAGA	25	11
>NRAS-G13A KLVVVGAGG	121	>NRAS-G13A KLVVVGAGA	259	138
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>NRAS-G13A KLVVVGAGG	6	>NRAS-G13A KLVVVGAGA	9	3
>NRAS-G13A YKLVVVGAGC	423	>NRAS-G13A YKLVVVGAGC	331	92
>NRAS-G13A YKLVVVGAGC	220	>NRAS-G13A YKLVVVGAGC	235	15



>NRAS-G13A YKLVVVGAGC	696	>NRAS-G13A YKLVVVGAG/	110	586
>NRAS-G13A YKLVVVGAGC	3285	>NRAS-G13A YKLVVVGAG/	272	3013
>NRAS-G13C GVGKSALTI	1770	>NRAS-G13C CVGKSALTI	113	1657
>NRAS-G13C AGGVGKSALT	1153	>NRAS-G13C AGCVGKSALT	393	760
>NRAS-G13C VVGAGGVGK	326	>NRAS-G13C VVGAGCVGK	280	46
>NRAS-G13C VVGAGGVGK	89	>NRAS-G13C VVGAGCVGK	105	16
>NRAS-G13C VVVGAGGV	117	>NRAS-G13C VVVGAGCV	884	767
>NRAS-G13C VVVGAGGV	68	>NRAS-G13C VVVGAGCV	224	156
>NRAS-G13C VVVGAGGV	139	>NRAS-G13C VVVGAGCV	478	339
>NRAS-G13C VVVGAGGV	707	>NRAS-G13C VVVGAGCV	408	299
>NRAS-G13C VVVGAGGV	23	>NRAS-G13C VVVGAGCV	53	30
>NRAS-G13C VVVGAGGVG	76	>NRAS-G13C VVVGAGCVG	99	23
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>NRAS-G13C VVVGAGGVG	203	>NRAS-G13C VVVGAGCVG	270	67
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>NRAS-G13C LVVVGAGGV	180	>NRAS-G13C LVVVGAGCV	1255	1075
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>NRAS-G13C KLVVVGAGG	14	>NRAS-G13C KLVVVGAGC	15	1
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>NRAS-G13C KLVVVGAGG	6	>NRAS-G13C KLVVVGAGC	18	12
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>NRAS-G13C YKLVVVGAGC	220	>NRAS-G13C YKLVVVGAGC	912	692
>NRAS-G13C YKLVVVGAGC	696	>NRAS-G13C YKLVVVGAGC	475	221
>NRAS-G13D GVGKSALTIQ	7997	>NRAS-G13D DVGKSALTIQ	377	7620
>NRAS-G13D GGVGKSALTI	6835	>NRAS-G13D GDVGKSALTI	83	6752
>NRAS-G13D VVGAGGVGK	326	>NRAS-G13D VVGAGDVGK	1537	1211
>NRAS-G13D VVGAGGVGK	89	>NRAS-G13D VVGAGDVGK	252	163
>NRAS-G13D VVVGAGGV	117	>NRAS-G13D VVVGAGDV	684	567
>NRAS-G13D VVVGAGGV	68	>NRAS-G13D VVVGAGDV	566	498
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>NRAS-G13D VVVGAGGV	23	>NRAS-G13D VVVGAGDV	59	36
>NRAS-G13D VVVGAGGVG	76	>NRAS-G13D VVVGAGDVG	424	348
>NRAS-G13D VVVGAGGVG	101	>NRAS-G13D VVVGAGDVG	223	122
>NRAS-G13D VVVGAGGVG	203	>NRAS-G13D VVVGAGDVG	252	49

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>NRAS-G13D LVVVGAGGV	55	>NRAS-G13D LVVVGAGDV	1288	1233
>NRAS-G13D LVVVGAGGV	75	>NRAS-G13D LVVVGAGDV	315	240
>NRAS-G13D LVVVGAGGV	284	>NRAS-G13D LVVVGAGDV	191	93
>NRAS-G13D LVVVGAGGV	154	>NRAS-G13D LVVVGAGDV	1815	1661
>NRAS-G13D LVVVGAGGV	159	>NRAS-G13D LVVVGAGDV	2708	2549
>NRAS-G13D KLVVVGAGG'	392	>NRAS-G13D KLVVVGAGD'	1131	739
>NRAS-G13D KLVVVGAGG'	35	>NRAS-G13D KLVVVGAGD'	86	51
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>NRAS-G13D KLVVVGAGG'	17	>NRAS-G13D KLVVVGAGD'	90	73
>NRAS-G13D KLVVVGAGG'	14	>NRAS-G13D KLVVVGAGD'	30	16
>NRAS-G13D KLVVVGAGG'	121	>NRAS-G13D KLVVVGAGD'	908	787
>NRAS-G13D KLVVVGAGG'	6	>NRAS-G13D KLVVVGAGD'	11	5
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>NRAS-G13N VVVGAGGV	117	>NRAS-G13N VVVGAGNV	160	43
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>NRAS-G13N VVVGAGGV	139	>NRAS-G13N VVVGAGNV	325	186
>NRAS-G13N VVVGAGGV	23	>NRAS-G13N VVVGAGNV	29	6
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>NRAS-G13N VVVGAGGVG	101	>NRAS-G13N VVVGAGNVG	118	17
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>NRAS-G13N LVVVGAGGV	284	>NRAS-G13N LVVVGAGNV	155	129
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>NRAS-G13N LVVVGAGGV	159	>NRAS-G13N LVVVGAGNV	274	115
>NRAS-G13N KLVVVGAGG'	392	>NRAS-G13N KLVVVGAGN'	471	79
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>NRAS-G13N KLVVVGAGG'	17	>NRAS-G13N KLVVVGAGN'	31	14
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>NRAS-G13N KLVVVGAGG'	121	>NRAS-G13N KLVVVGAGN'	253	132
>NRAS-G13N KLVVVGAGG'	6	>NRAS-G13N KLVVVGAGN'	8	2
>NRAS-G13N YKLVVVGAGG'	423	>NRAS-G13N YKLVVVGAGD'	1251	828
>NRAS-G13N YKLVVVGAGG'	220	>NRAS-G13N YKLVVVGAGD'	482	262
>NRAS-G13N YKLVVVGAGG'	696	>NRAS-G13N YKLVVVGAGD'	309	387

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>NRAS-G13R GVGKSALTI	931	>NRAS-G13R RVGKSALTI	32	899
>NRAS-G13R GVGKSALTIQ	2938	>NRAS-G13R RVGKSALTIQ	164	2774
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>NRAS-G13R GVGKSALTIQ	3750	>NRAS-G13R RVGKSALTIQ	154	3596
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>NRAS-G13R EYKLVVVGAC	13124	>NRAS-G13R EYKLVVVGAC	13	13111
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>NRAS-G13R AGGVGKSA	14619	>NRAS-G13R AGRVGKSA	304	14315
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>NRAS-G13R VVVGAGGV	68	>NRAS-G13R VVVGAGRV	301	233
>NRAS-G13R VVVGAGGV	139	>NRAS-G13R VVVGAGRV	204	65
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>NRAS-G13R VVVGAGGVG	101	>NRAS-G13R VVVGAGRVG	206	105
>NRAS-G13R VVVGAGGVG	203	>NRAS-G13R VVVGAGRVG	367	164
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>NRAS-G13R KLVVVGAGG	392	>NRAS-G13R KLVVVGAGR	613	221
>NRAS-G13R KLVVVGAGG	35	>NRAS-G13R KLVVVGAGR	89	54
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>NRAS-G13R KLVVVGAGG	121	>NRAS-G13R KLVVVGAGR	344	223
>NRAS-G13R KLVVVGAGG	6	>NRAS-G13R KLVVVGAGR	6	0
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>NRAS-G13R YKLVVVGAGC	220	>NRAS-G13R YKLVVVGAGF	304	84
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>NRAS-G13S·VVGAGGVGK	89	>NRAS-G13S·VVGAGSVGK	60	29
>NRAS-G13S·VVVGAGGV	117	>NRAS-G13S·VVVGAGSV	80	37
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>NRAS-G13S·VVVGAGGVG	101	>NRAS-G13S·VVVGAGSVG	80	21
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>NRAS-G13S·LVVVGAGGV\	572	>NRAS-G13S·LVVVGAGSV\	429	143
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>NRAS-G13S·KLVVVGAGG\	35	>NRAS-G13S·KLVVVGAGS\	27	8
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>NRAS-G13S·KLVVVGAGG\	14	>NRAS-G13S·KLVVVGAGS\	18	4
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>NRAS-G13S·KLVVVGAGG\	6	>NRAS-G13S·KLVVVGAGS\	6	0
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>NRAS-G13S·YKLVVVGAGC	220	>NRAS-G13S·YKLVVVGAGC	267	47
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>NRAS-G13V KLVVVGAGG	6	>NRAS-G13V KLVVVGAGV	11	5
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>NRAS-G13Y·GGVGKSAL	25060	>NRAS-G13Y·GYVGKSAL	102	24958
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>NRAS-G13Y·EYKLVVVGAC	29041	>NRAS-G13Y·EYKLVVVGAC	493	28548
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>NRAS-G13Y·VVGAGGVGK	89	>NRAS-G13Y·VVGAGYVGK	45	44
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>NRAS-G13Y·VVVGAGGV	117	>NRAS-G13Y·VVVGAGYV	95	22
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>NRAS-G13Y·VVVGAGGV	139	>NRAS-G13Y·VVVGAGYV	23	116
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>NRAS-G13Y·VVVGAGGV	649	>NRAS-G13Y·VVVGAGYV	380	269
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>NRAS-G13Y·LVVVGAGG	35799	>NRAS-G13Y·LVVVGAGY	404	35395
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>NRAS-G13Y·LVVVGAGGV	159	>NRAS-G13Y·LVVVGAGYV	109	50
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>NRAS-G13Y·KLVVVGAGG\	6	>NRAS-G13Y·KLVVVGAGY\	3	3
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>NRAS-G13Y·KLVVVGAGG\	14	>NRAS-G13Y·KLVVVGAGY\	11	3
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>NRAS-G13Y·KLVVVGAGG	29314	>NRAS-G13Y·KLVVVGAGY	194	29120
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>NRAS-G13Y·YKLVVVGAG\	220	>NRAS-G13Y·YKLVVVGAG\	57	163
>NRAS-G13Y·YKLVVVGAG\	662	>NRAS-G13Y·YKLVVVGAG\	269	393
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>NRAS-G13Y·YKLVVVGAG\	34336	>NRAS-G13Y·YKLVVVGAG\	310	34026
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>NRAS-G15E·VGKSALTI	30770	>NRAS-G15E·VEKSALTI	33	30737
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>NRAS-G15E·VGKSALTI	23817	>NRAS-G15E·VEKSALTI	229	23588
>NRAS-G15E·VGKSALTIQL	35012	>NRAS-G15E·VEKSALTIQL	238	34774
>NRAS-G15E·VGKSALTI	21330	>NRAS-G15E·VEKSALTI	209	21121
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>NRAS-G15E·VVGAGGVGK	326	>NRAS-G15E·VVGAGGVEK	364	38
>NRAS-G15E·VVGAGGVGK	89	>NRAS-G15E·VVGAGGVEK	62	27
>NRAS-G15E·VVVGAGGVG	76	>NRAS-G15E·VVVGAGGVE	85	9
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>NRAS-G15E·VVVGAGGVG	203	>NRAS-G15E·VVVGAGGVE	130	73
>NRAS-G15E·LVVVGAGGV\	572	>NRAS-G15E·LVVVGAGGV\	429	143
>NRAS-G15E·LVVVGAGGV\	284	>NRAS-G15E·LVVVGAGGV\	248	36
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>NRAS-G60E·GQEEYSAMR	7538	>NRAS-G60E·EQEEYSAMR	122	7416
>NRAS-G60E·GQEEYSAM	347	>NRAS-G60E·EQEEYSAM	64	283
>NRAS-G60E·AGQEEYSAM	23479	>NRAS-G60E·AEQEEYSAM	211	23268
>NRAS-G60E·AGQEEYSA	37045	>NRAS-G60E·AEQEEYSA	131	36914
>NRAS-G60E·AGQEEYSAM	34998	>NRAS-G60E·AEQEEYSAM	59	34939
>NRAS-G60E·AGQEEYSAM	21972	>NRAS-G60E·AEQEEYSAM	324	21648
>NRAS-G60E·AGQEEYSAM	40252	>NRAS-G60E·AEQEEYSAM	460	39792
>NRAS-G60E·AGQEEYSA	17692	>NRAS-G60E·AEQEEYSA	6	17686
>NRAS-G60E·AGQEEYSAM	33137	>NRAS-G60E·AEQEEYSAM	47	33090
>NRAS-G60E·AGQEEYSAM	32639	>NRAS-G60E·AEQEEYSAM	47	32592
>NRAS-G60E·TAGQEEYSAM	56	>NRAS-G60E·TAEQEEYSAM	33	23
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>NRAS-G60E·DTAGQEEY	94	>NRAS-G60E·DTAEQEEY	67	27
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>NRAS-G60E·DTAGQEEY	28	>NRAS-G60E·DTAEQEEY	23	5
>NRAS-G60E·DTAGQEEYSA	20	>NRAS-G60E·DTAEQEEYSA	15	5
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>NRAS-G60E·DTAGQEEY	245	>NRAS-G60E·DTAEQEEY	749	504
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>NRAS-G60R·GQEEYSAM	658	>NRAS-G60R·RQEEYSAM	32	626
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>NRAS-G60R·GQEEYSAMR	7369	>NRAS-G60R·RQEEYSAMR	318	7051
>NRAS-G60R·AGQEEYSAM	2893	>NRAS-G60R·ARQEEYSAM	56	2837



>NRAS-G60R AGQEEYSAM	21307	>NRAS-G60R ARQEEYSAM	326	20981
>NRAS-G60R AGQEEYSAM	31765	>NRAS-G60R ARQEEYSAM	400	31365
>NRAS-G60R AGQEEYSAM	11447	>NRAS-G60R ARQEEYSAM	215	11232
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>NRAS-G60R TCLLDILDTAG	34457	>NRAS-G60R TCLLDILDAR	316	34141
>NRAS-G60R TAGQEEYSAM	2222	>NRAS-G60R TARQEEYSAM	460	1762
>NRAS-G60R TAGQEEYSAM	1504	>NRAS-G60R TARQEEYSAM	176	1328
>NRAS-G60R TAGQEEYSAM	56	>NRAS-G60R TARQEEYSAM	64	8
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>NRAS-G60R DTAGQEEY	28	>NRAS-G60R DTARQEEY	96	68
>NRAS-G60R DTAGQEEYS/	20	>NRAS-G60R DTARQEEYS/	53	33
>NRAS-G60R DTAGQEEY	8	>NRAS-G60R DTARQEEY	11	3
>NRAS-G60R DTAGQEEYS/	6	>NRAS-G60R DTARQEEYS/	6	0
>NRAS-G60R DTAGQEEYS/	223	>NRAS-G60R DTARQEEYS/	601	378
>NRAS-G60R DTAGQEEY	245	>NRAS-G60R DTARQEEY	1033	788
>NRAS-G60R DTAGQEEY	89	>NRAS-G60R DTARQEEY	109	20
>NRAS-G60R DTAGQEEYS	408	>NRAS-G60R DTARQEEYS	1236	828
>NRAS-G60R DTAGQEEYS/	389	>NRAS-G60R DTARQEEYS/	911	522
>NRAS-G60R DTAGQEEYS/	449	>NRAS-G60R DTARQEEYS/	885	436
>NRAS-G60R ILDTAGQEEY	135	>NRAS-G60R ILDTARQEEY	178	43
>NRAS-G60R ILDTAGQEEY	349	>NRAS-G60R ILDTARQEEY	394	45
>NRAS-G60R ILDTAGQEEY	463	>NRAS-G60R ILDTARQEEY	855	392
>NRAS-G60R DILDTAGQEE	150	>NRAS-G60R DILDARQEE	326	176
>NRAS-G60R DILDTAGQEE	183	>NRAS-G60R DILDARQEE	433	250
>NRAS-G60R LLDILDTAGQ	401	>NRAS-G60R LLDILDARQ	322	79
>NRAS-G60R CLLDILDTAGC	479	>NRAS-G60R CLLDILDARC	1071	592
>NRAS-G60R CLLDILDTAGC	138	>NRAS-G60R CLLDILDARC	118	20
>NRAS-G60R CLLDILDTAG	31609	>NRAS-G60R CLLDILDAR	261	31348
>NRAS-G60R CLLDILDTAG	33915	>NRAS-G60R CLLDILDAR	126	33789
>NRAS-K16N KSALTIQLI	1635	>NRAS-K16N NSALTIQLI	299	1336
>NRAS-K16N KSALTIQLI	239	>NRAS-K16N NSALTIQLI	13030	12791
>NRAS-K16N KSALTIQL	276	>NRAS-K16N NSALTIQL	12076	11800
>NRAS-K16N KSALTIQL	9745	>NRAS-K16N NSALTIQL	350	9395
>NRAS-K16N KSALTIQLI	8531	>NRAS-K16N NSALTIQLI	197	8334
>NRAS-K16N KSALTIQL	7	>NRAS-K16N NSALTIQL	535	528
>NRAS-K16N KSALTIQLI	42	>NRAS-K16N NSALTIQLI	5321	5279
>NRAS-K16N KSALTIQL	35	>NRAS-K16N NSALTIQL	8613	8578
>NRAS-K16N KSALTIQLI	24	>NRAS-K16N NSALTIQLI	7292	7268
>NRAS-K16N KSALTIQL	335	>NRAS-K16N NSALTIQL	1140	805
>NRAS-K16N KSALTIQLI	73	>NRAS-K16N NSALTIQLI	842	769

>NRAS-K16N KSALTIQL	241	>NRAS-K16N NSALTIQL	2048	1807
>NRAS-K16N KSALTIQLI	35	>NRAS-K16N NSALTIQLI	203	168
>NRAS-K16N GKSALTIQL	414	>NRAS-K16N GNSALTIQL	3553	3139
>NRAS-K16N LVVVGAGGV	284	>NRAS-K16N LVVVGAGGV	23330	23046
>NRAS-K16N GVGKSALTI	931	>NRAS-K16N GVGNSALTI	279	652
>NRAS-K16N VVGAGGVGK	326	>NRAS-K16N VVGAGGVGM	18635	18309
>NRAS-K16N VVGAGGVGK	89	>NRAS-K16N VVGAGGVGM	25309	25220
>NRAS-K16N VVVGAGGVG	76	>NRAS-K16N VVVGAGGVG	23479	23403
>NRAS-K16N VVVGAGGVG	101	>NRAS-K16N VVVGAGGVG	33386	33285
>NRAS-K16N VVVGAGGVG	203	>NRAS-K16N VVVGAGGVG	29355	29152
>NRAS-Q61E QEEYSAMR	2046	>NRAS-Q61E EEEYSAMR	168	1878
>NRAS-Q61E QEEYSAMRD	722	>NRAS-Q61E EEEYSAMRD	315	407
>NRAS-Q61E QEEYSAMRD	423	>NRAS-Q61E EEEYSAMRD	499	76
>NRAS-Q61E GQEEYSAM	497	>NRAS-Q61E GEEEYSAM	16619	16122
>NRAS-Q61E GQEEYSAMR	385	>NRAS-Q61E GEEEYSAMR	10970	10585
>NRAS-Q61E GQEEYSAM	347	>NRAS-Q61E GEEEYSAM	3284	2937
>NRAS-Q61E GQEEYSAM	3638	>NRAS-Q61E GEEEYSAM	44	3594
>NRAS-Q61E GQEEYSAM	12764	>NRAS-Q61E GEEEYSAM	236	12528
>NRAS-Q61E CLLDILDTAG	479	>NRAS-Q61E CLLDILDTAG	6428	5949
>NRAS-Q61E CLLDILDTAG	138	>NRAS-Q61E CLLDILDTAG	6100	5962
>NRAS-Q61E TAGQEEYSAM	56	>NRAS-Q61E TAGEEEYSAM	45	11
>NRAS-Q61E DTAGQEEY	387	>NRAS-Q61E DTAGEEEY	628	241
>NRAS-Q61E DTAGQEEY	94	>NRAS-Q61E DTAGEEEY	185	91
>NRAS-Q61E DTAGQEEYS	491	>NRAS-Q61E DTAGEEEYSA	685	194
>NRAS-Q61E DTAGQEEY	28	>NRAS-Q61E DTAGEEEY	55	27
>NRAS-Q61E DTAGQEEYS	20	>NRAS-Q61E DTAGEEEYSA	22	2
>NRAS-Q61E DTAGQEEY	8	>NRAS-Q61E DTAGEEEY	9	1
>NRAS-Q61E DTAGQEEYS	6	>NRAS-Q61E DTAGEEEYSA	6	0
>NRAS-Q61E DTAGQEEYS	223	>NRAS-Q61E DTAGEEEYSA	364	141
>NRAS-Q61E DTAGQEEY	245	>NRAS-Q61E DTAGEEEY	570	325
>NRAS-Q61E DTAGQEEY	89	>NRAS-Q61E DTAGEEEY	96	7
>NRAS-Q61E DTAGQEEYS	408	>NRAS-Q61E DTAGEEEYS	1018	610
>NRAS-Q61E DTAGQEEYS	613	>NRAS-Q61E DTAGEEEYSA	364	249
>NRAS-Q61E DTAGQEEYS	389	>NRAS-Q61E DTAGEEEYSA	720	331
>NRAS-Q61E DTAGQEEYS	449	>NRAS-Q61E DTAGEEEYSA	536	87
>NRAS-Q61E ILDTAGQEEY	135	>NRAS-Q61E ILDTAGEEEY	173	38
>NRAS-Q61E ILDTAGQEEY	349	>NRAS-Q61E ILDTAGEEEY	538	189
>NRAS-Q61E ILDTAGQEEY	463	>NRAS-Q61E ILDTAGEEEY	795	332
>NRAS-Q61E DILDTAGQEE	150	>NRAS-Q61E DILDTAGEEY	199	49
>NRAS-Q61E DILDTAGQEE	183	>NRAS-Q61E DILDTAGEEY	348	165
>NRAS-Q61E LLDILDTAGQ	401	>NRAS-Q61E LLDILDTAG	12124	11723
>NRAS-Q61HQEEYSAMR	509	>NRAS-Q61HQEEYSAMR	320	189
>NRAS-Q61HQEEYSAMRD	734	>NRAS-Q61HQEEYSAMRD	358	376

>NRAS-Q61HQEEYSAMRD	423	>NRAS-Q61HHEEYSAMRD	1382	959
>NRAS-Q61HGQEEYSAM	497	>NRAS-Q61HGHEEYSAM	23893	23396
>NRAS-Q61HGQEEYSAMR	385	>NRAS-Q61HGHEEYSAMR	8603	8218
>NRAS-Q61HGQEEYSAM	347	>NRAS-Q61HGHEEYSAM	157	190
>NRAS-Q61HCLLDILDTAGC	479	>NRAS-Q61HCLLDILDTAGH	8172	7693
>NRAS-Q61HCLLDILDTAGC	138	>NRAS-Q61HCLLDILDTAGH	8703	8565
>NRAS-Q61HTAGQEEYSAM	56	>NRAS-Q61HTAGHEEYSAM	57	1
>NRAS-Q61HDTAGQEEY	387	>NRAS-Q61HDTAGHEEY	466	79
>NRAS-Q61HDTAGQEEY	94	>NRAS-Q61HDTAGHEEY	65	29
>NRAS-Q61HDTAGQEEYSA	491	>NRAS-Q61HDTAGHEEYSA	237	254
>NRAS-Q61HDTAGQEEY	28	>NRAS-Q61HDTAGHEEY	26	2
>NRAS-Q61HDTAGQEEYSA	20	>NRAS-Q61HDTAGHEEYSA	16	4
>NRAS-Q61HDTAGQEEY	8	>NRAS-Q61HDTAGHEEY	5	3
>NRAS-Q61HDTAGQEEYSA	6	>NRAS-Q61HDTAGHEEYSA	4	2
>NRAS-Q61HDTAGQEEYSA	223	>NRAS-Q61HDTAGHEEYSA	411	188
>NRAS-Q61HDTAGQEEY	245	>NRAS-Q61HDTAGHEEY	122	123
>NRAS-Q61HDTAGQEEY	89	>NRAS-Q61HDTAGHEEY	66	23
>NRAS-Q61HDTAGQEEYS	408	>NRAS-Q61HDTAGHEEYS	365	43
>NRAS-Q61HDTAGQEEYSA	613	>NRAS-Q61HDTAGHEEYSA	405	208
>NRAS-Q61HDTAGQEEYSA	389	>NRAS-Q61HDTAGHEEYSA	392	3
>NRAS-Q61HDTAGQEEYSA	666	>NRAS-Q61HDTAGHEEYSA	427	239
>NRAS-Q61HDTAGQEEYSA	449	>NRAS-Q61HDTAGHEEYSA	410	39
>NRAS-Q61HILDTAGQEEY	135	>NRAS-Q61HILDTAGHEEY	104	31
>NRAS-Q61HILDTAGQEEY	734	>NRAS-Q61HILDTAGHEEY	442	292
>NRAS-Q61HILDTAGQEEY	571	>NRAS-Q61HILDTAGHEEY	399	172
>NRAS-Q61HILDTAGQEEY	349	>NRAS-Q61HILDTAGHEEY	328	21
>NRAS-Q61HILDTAGQEEY	463	>NRAS-Q61HILDTAGHEEY	206	257
>NRAS-Q61HILDTAGQEEY	504	>NRAS-Q61HILDTAGHEEY	403	101
>NRAS-Q61HDILDTAGQEE	150	>NRAS-Q61HDILDTAGHEE	118	32
>NRAS-Q61HDILDTAGQEE	183	>NRAS-Q61HDILDTAGHEE	120	63
>NRAS-Q61HLLDILDTAGQ	401	>NRAS-Q61HLLDILDTAGH	15735	15334
>NRAS-Q61KQEEYSAMRD	423	>NRAS-Q61KKEEYSAMRD	1146	723
>NRAS-Q61KQEEYSAMR	3059	>NRAS-Q61KKEEYSAMR	470	2589
>NRAS-Q61KGQEEYSAM	497	>NRAS-Q61KGKEEYSAM	18666	18169
>NRAS-Q61KGQEEYSAMR	385	>NRAS-Q61KGKEEYSAMR	12307	11922
>NRAS-Q61KGQEEYSAM	347	>NRAS-Q61KGKEEYSAM	1249	902
>NRAS-Q61KCLLDILDTAGC	479	>NRAS-Q61KCLLDILDTAGH	3331	2852
>NRAS-Q61KCLLDILDTAGC	138	>NRAS-Q61KCLLDILDTAGH	1684	1546
>NRAS-Q61KCLLDILDTAGC	27746	>NRAS-Q61KCLLDILDTAGH	308	27438
>NRAS-Q61KTAGQEEYSAM	56	>NRAS-Q61KTAGKEEYSAM	53	3
>NRAS-Q61KDTAGQEEY	387	>NRAS-Q61KDTAGKEEY	1068	681
>NRAS-Q61KDTAGQEEY	94	>NRAS-Q61KDTAGKEEY	158	64
>NRAS-Q61KDTAGQEEYSA	491	>NRAS-Q61KDTAGKEEYSA	576	85

>NRAS-Q61K DTAGQEEY	28	>NRAS-Q61K DTAGKEEY	60	32
>NRAS-Q61K DTAGQEEYS/	20	>NRAS-Q61K DTAGKEEYSA	27	7
>NRAS-Q61K DTAGQEEY	8	>NRAS-Q61K DTAGKEEY	15	7
>NRAS-Q61K DTAGQEEYS/	6	>NRAS-Q61K DTAGKEEYSA	8	2
>NRAS-Q61K DTAGQEEYS/	223	>NRAS-Q61K DTAGKEEYSA	119	104
>NRAS-Q61K DTAGQEEY	245	>NRAS-Q61K DTAGKEEY	616	371
>NRAS-Q61K DTAGQEEY	89	>NRAS-Q61K DTAGKEEY	123	34
>NRAS-Q61K DTAGQEEYS	408	>NRAS-Q61K DTAGKEEYS	466	58
>NRAS-Q61K DTAGQEEYS/	613	>NRAS-Q61K DTAGKEEYSA	455	158
>NRAS-Q61K DTAGQEEYS/	389	>NRAS-Q61K DTAGKEEYSA	454	65
>NRAS-Q61K DTAGQEEYS/	449	>NRAS-Q61K DTAGKEEYSA	1195	746
>NRAS-Q61K ILDTAGQEEY	135	>NRAS-Q61K ILDTAGKEEY	212	77
>NRAS-Q61K ILDTAGQEEY	571	>NRAS-Q61K ILDTAGKEEY	499	72
>NRAS-Q61K ILDTAGQEEY	349	>NRAS-Q61K ILDTAGKEEY	561	212
>NRAS-Q61K ILDTAGQEEY	463	>NRAS-Q61K ILDTAGKEEY	1609	1146
>NRAS-Q61K DILDTAGQEE	150	>NRAS-Q61K DILDTAGKEE'	328	178
>NRAS-Q61K DILDTAGQEE	183	>NRAS-Q61K DILDTAGKEE'	352	169
>NRAS-Q61K DILDTAGQ	8084	>NRAS-Q61K DILDTAGK	191	7893
>NRAS-Q61K LLDILDTAGQ	401	>NRAS-Q61K LLDILDTAGK	4614	4213
>NRAS-Q61L QEEYSAMRD	734	>NRAS-Q61L LEEYSAMRDC	233	501
>NRAS-Q61L QEEYSAMRD	423	>NRAS-Q61L LEEYSAMRDC	2834	2411
>NRAS-Q61L GQEEYSAM	6727	>NRAS-Q61L GLEEYSAM	158	6569
>NRAS-Q61L GQEEYSAM	497	>NRAS-Q61L GLEEYSAM	2825	2328
>NRAS-Q61L GQEEYSAM	9183	>NRAS-Q61L GLEEYSAM	239	8944
>NRAS-Q61L GQEEYSAM	5763	>NRAS-Q61L GLEEYSAM	114	5649
>NRAS-Q61L GQEEYSAM	29319	>NRAS-Q61L GLEEYSAM	175	29144
>NRAS-Q61L GQEEYSAMR	385	>NRAS-Q61L GLEEYSAMR	513	128
>NRAS-Q61L GQEEYSAM	347	>NRAS-Q61L GLEEYSAM	7030	6683
>NRAS-Q61L CLLDILDTAGC	6354	>NRAS-Q61L CLLDILDTAGL	26	6328
>NRAS-Q61L CLLDILDTAGC	731	>NRAS-Q61L CLLDILDTAGL	27	704
>NRAS-Q61L CLLDILDTAGC	3796	>NRAS-Q61L CLLDILDTAGL	81	3715
>NRAS-Q61L CLLDILDTAGC	1926	>NRAS-Q61L CLLDILDTAGL	31	1895
>NRAS-Q61L CLLDILDTAGC	835	>NRAS-Q61L CLLDILDTAGL	8	827
>NRAS-Q61L CLLDILDTAGC	1277	>NRAS-Q61L CLLDILDTAGL	6	1271
>NRAS-Q61L CLLDILDTAGC	3176	>NRAS-Q61L CLLDILDTAGL	31	3145
>NRAS-Q61L CLLDILDTAGC	479	>NRAS-Q61L CLLDILDTAGL	2	477
>NRAS-Q61L CLLDILDTAGC	138	>NRAS-Q61L CLLDILDTAGL	5	133
>NRAS-Q61L TAGQEEYSAM	56	>NRAS-Q61L TAGLEEYSAM	65	9
>NRAS-Q61L DTAGQEEY	387	>NRAS-Q61L DTAGLEEY	355	32
>NRAS-Q61L DTAGQEEY	94	>NRAS-Q61L DTAGLEEY	55	39
>NRAS-Q61L DTAGQEEYS/	491	>NRAS-Q61L DTAGLEEYSA	353	138
>NRAS-Q61L DTAGQEEY	28	>NRAS-Q61L DTAGLEEY	30	2
>NRAS-Q61L DTAGQEEYS/	20	>NRAS-Q61L DTAGLEEYSA	31	11

>NRAS-Q61L·DTAGQEEY	8	>NRAS-Q61L·DTAGLEEY	6	2
>NRAS-Q61L·DTAGQEEYS/	6	>NRAS-Q61L·DTAGLEEYSA	8	2
>NRAS-Q61L·DTAGQEEYS/	223	>NRAS-Q61L·DTAGLEEYSA	152	71
>NRAS-Q61L·DTAGQEEY	245	>NRAS-Q61L·DTAGLEEY	179	66
>NRAS-Q61L·DTAGQEEY	89	>NRAS-Q61L·DTAGLEEY	61	28
>NRAS-Q61L·DTAGQEEYS	408	>NRAS-Q61L·DTAGLEEYS	114	294
>NRAS-Q61L·DTAGQEEYS/	613	>NRAS-Q61L·DTAGLEEYSA	151	462
>NRAS-Q61L·DTAGQEEYS/	389	>NRAS-Q61L·DTAGLEEYSA	168	221
>NRAS-Q61L·DTAGQEEYS/	666	>NRAS-Q61L·DTAGLEEYSA	401	265
>NRAS-Q61L·DTAGQEEYS/	449	>NRAS-Q61L·DTAGLEEYSA	480	31
>NRAS-Q61L·DTAGQEEYS/	805	>NRAS-Q61L·DTAGLEEYSA	278	527
>NRAS-Q61L·ILDTAGQEEY	135	>NRAS-Q61L·ILDTAGLEEY	54	81
>NRAS-Q61L·ILDTAGQEEY	349	>NRAS-Q61L·ILDTAGLEEY	261	88
>NRAS-Q61L·ILDTAGQEEY	463	>NRAS-Q61L·ILDTAGLEEY	103	360
>NRAS-Q61L·DILDTAGQ	12736	>NRAS-Q61L·DILDTAGL	165	12571
>NRAS-Q61L·DILDTAGQEE	849	>NRAS-Q61L·DILDTAGLEE\	407	442
>NRAS-Q61L·DILDTAGQEE	150	>NRAS-Q61L·DILDTAGLEE\	60	90
>NRAS-Q61L·DILDTAGQEE	183	>NRAS-Q61L·DILDTAGLEE\	146	37
>NRAS-Q61L·DILDTAGQ	1563	>NRAS-Q61L·DILDTAGL	17	1546
>NRAS-Q61L·LDILDTAGQ	16524	>NRAS-Q61L·LDILDTAGL	384	16140
>NRAS-Q61L·LLDILDTAGQ	13423	>NRAS-Q61L·LLDILDTAGL	168	13255
>NRAS-Q61L·LLDILDTAGQ	10881	>NRAS-Q61L·LLDILDTAGL	60	10821
>NRAS-Q61L·LLDILDTAGQ	10500	>NRAS-Q61L·LLDILDTAGL	107	10393
>NRAS-Q61L·LLDILDTAGQ	16137	>NRAS-Q61L·LLDILDTAGL	329	15808
>NRAS-Q61L·LLDILDTAGQ	2409	>NRAS-Q61L·LLDILDTAGL	21	2388
>NRAS-Q61L·LLDILDTAGQ	6198	>NRAS-Q61L·LLDILDTAGL	30	6168
>NRAS-Q61L·LLDILDTAGQ	3175	>NRAS-Q61L·LLDILDTAGL	24	3151
>NRAS-Q61L·LLDILDTAGQ	13067	>NRAS-Q61L·LLDILDTAGL	91	12976
>NRAS-Q61L·LLDILDTAGQ	401	>NRAS-Q61L·LLDILDTAGL	8	393
>NRAS-Q61P·QEEYSAMRD	423	>NRAS-Q61P·PEEYSAMRD\	4511	4088
>NRAS-Q61P·GQEEYSAM	497	>NRAS-Q61P·GPEEYSAM	23788	23291
>NRAS-Q61P·GQEEYSAMR	385	>NRAS-Q61P·GPEEYSAMR	10224	9839
>NRAS-Q61P·GQEEYSAM	21659	>NRAS-Q61P·GPEEYSAM	102	21557
>NRAS-Q61P·GQEEYSAM	5425	>NRAS-Q61P·GPEEYSAM	51	5374
>NRAS-Q61P·GQEEYSAM	347	>NRAS-Q61P·GPEEYSAM	1098	751
>NRAS-Q61P·CLLDILDTAG\	479	>NRAS-Q61P·CLLDILDTAGF	4926	4447
>NRAS-Q61P·CLLDILDTAG\	138	>NRAS-Q61P·CLLDILDTAGF	6838	6700
>NRAS-Q61P·TAGQEEYSAM	56	>NRAS-Q61P·TAGPEEYSAM	63	7
>NRAS-Q61P·DTAGQEEY	387	>NRAS-Q61P·DTAGPEEY	1046	659
>NRAS-Q61P·DTAGQEEY	94	>NRAS-Q61P·DTAGPEEY	356	262
>NRAS-Q61P·DTAGQEEYS/	491	>NRAS-Q61P·DTAGPEEYSA	895	404
>NRAS-Q61P·DTAGQEEY	28	>NRAS-Q61P·DTAGPEEY	121	93
>NRAS-Q61P·DTAGQEEYS/	20	>NRAS-Q61P·DTAGPEEYSA	34	14

>NRAS-Q61P DTAGQEEY	8	>NRAS-Q61P DTAGPEEY	7	1
>NRAS-Q61P DTAGQEEYS/	6	>NRAS-Q61P DTAGPEEYSA	5	1
>NRAS-Q61P DTAGQEEY	1082	>NRAS-Q61P DTAGPEEY	213	869
>NRAS-Q61P DTAGQEEYS/	223	>NRAS-Q61P DTAGPEEYSA	77	146
>NRAS-Q61P DTAGQEEY	245	>NRAS-Q61P DTAGPEEY	239	6
>NRAS-Q61P DTAGQEEY	89	>NRAS-Q61P DTAGPEEY	119	30
>NRAS-Q61P DTAGQEEYS	408	>NRAS-Q61P DTAGPEEYS	65	343
>NRAS-Q61P DTAGQEEYS/	613	>NRAS-Q61P DTAGPEEYSA	144	469
>NRAS-Q61P DTAGQEEYS/	389	>NRAS-Q61P DTAGPEEYSA	123	266
>NRAS-Q61P DTAGQEEYS/	666	>NRAS-Q61P DTAGPEEYSA	207	459
>NRAS-Q61P DTAGQEEYS/	449	>NRAS-Q61P DTAGPEEYSA	643	194
>NRAS-Q61P DTAGQEEYS/	805	>NRAS-Q61P DTAGPEEYSA	284	521
>NRAS-Q61P ILDTAGQEEY	135	>NRAS-Q61P ILDTAGPEEY	91	44
>NRAS-Q61P ILDTAGQEEY/	734	>NRAS-Q61P ILDTAGPEEYS	437	297
>NRAS-Q61P ILDTAGQEEY	571	>NRAS-Q61P ILDTAGPEEY	273	298
>NRAS-Q61P ILDTAGQEEY	349	>NRAS-Q61P ILDTAGPEEY	461	112
>NRAS-Q61P ILDTAGQEEY	463	>NRAS-Q61P ILDTAGPEEY	365	98
>NRAS-Q61P DILDTAGQEE	150	>NRAS-Q61P DILDTAGPEE'	181	31
>NRAS-Q61P DILDTAGQEE	183	>NRAS-Q61P DILDTAGPEE'	162	21
>NRAS-Q61P LLDILDTAGQ	401	>NRAS-Q61P LLDILDTAGP	13302	12901
>NRAS-Q61C QEEYSAMRD	423	>NRAS-Q61C QEEYSAMRD	423	0
>NRAS-Q61C GQEEYSAM	497	>NRAS-Q61C GQEEYSAM	497	0
>NRAS-Q61C GQEEYSAMR	385	>NRAS-Q61C GQEEYSAMR	385	0
>NRAS-Q61C GQEEYSAM	347	>NRAS-Q61C GQEEYSAM	347	0
>NRAS-Q61C CLLDILDTAGC	479	>NRAS-Q61C CLLDILDTAGC	479	0
>NRAS-Q61C CLLDILDTAGC	138	>NRAS-Q61C CLLDILDTAGC	138	0
>NRAS-Q61C TAGQEEYSAM	56	>NRAS-Q61C TAGQEEYSAM	56	0
>NRAS-Q61C DTAGQEEY	387	>NRAS-Q61C DTAGQEEY	387	0
>NRAS-Q61C DTAGQEEY	94	>NRAS-Q61C DTAGQEEY	94	0
>NRAS-Q61C DTAGQEEYS/	491	>NRAS-Q61C DTAGQEEYS/	491	0
>NRAS-Q61C DTAGQEEY	28	>NRAS-Q61C DTAGQEEY	28	0
>NRAS-Q61C DTAGQEEYS/	20	>NRAS-Q61C DTAGQEEYS/	20	0
>NRAS-Q61C DTAGQEEY	8	>NRAS-Q61C DTAGQEEY	8	0
>NRAS-Q61C DTAGQEEYS/	6	>NRAS-Q61C DTAGQEEYS/	6	0
>NRAS-Q61C DTAGQEEYS/	223	>NRAS-Q61C DTAGQEEYS/	223	0
>NRAS-Q61C DTAGQEEY	245	>NRAS-Q61C DTAGQEEY	245	0
>NRAS-Q61C DTAGQEEY	89	>NRAS-Q61C DTAGQEEY	89	0
>NRAS-Q61C DTAGQEEYS	408	>NRAS-Q61C DTAGQEEYS	408	0
>NRAS-Q61C DTAGQEEYS/	389	>NRAS-Q61C DTAGQEEYS/	389	0
>NRAS-Q61C DTAGQEEYS/	449	>NRAS-Q61C DTAGQEEYS/	449	0
>NRAS-Q61C ILDTAGQEEY	135	>NRAS-Q61C ILDTAGQEEY	135	0
>NRAS-Q61C ILDTAGQEEY	349	>NRAS-Q61C ILDTAGQEEY	349	0
>NRAS-Q61C ILDTAGQEEY	463	>NRAS-Q61C ILDTAGQEEY	463	0

>NRAS-Q61C DILDTAGQEE	150	>NRAS-Q61C DILDTAGQEE	150	0
>NRAS-Q61C DILDTAGQEE	183	>NRAS-Q61C DILDTAGQEE	183	0
>NRAS-Q61C LLDILDTAGQ	401	>NRAS-Q61C LLDILDTAGQ	401	0
>NRAS-Q61R QEEYSAMRD	423	>NRAS-Q61R REEYSAMRD	545	122
>NRAS-Q61R GQEEYSAM	497	>NRAS-Q61R GREEYSAM	23610	23113
>NRAS-Q61R GQEEYSAMR	385	>NRAS-Q61R GREEYSAMR	15846	15461
>NRAS-Q61R GQEEYSAM	347	>NRAS-Q61R GREEYSAM	306	41
>NRAS-Q61R CLLDILDTAGC	479	>NRAS-Q61R CLLDILDTAGF	6628	6149
>NRAS-Q61R CLLDILDTAGC	138	>NRAS-Q61R CLLDILDTAGF	5372	5234
>NRAS-Q61R CLLDILDTAGC	24335	>NRAS-Q61R CLLDILDTAGF	470	23865
>NRAS-Q61R CLLDILDTAGC	15438	>NRAS-Q61R CLLDILDTAGF	230	15208
>NRAS-Q61R CLLDILDTAGC	8819	>NRAS-Q61R CLLDILDTAGF	120	8699
>NRAS-Q61R TAGQEEYSAM	56	>NRAS-Q61R TAGREEYSAM	61	5
>NRAS-Q61R DTAGQEEY	387	>NRAS-Q61R DTAGREEY	838	451
>NRAS-Q61R DTAGQEEY	94	>NRAS-Q61R DTAGREEY	130	36
>NRAS-Q61R DTAGQEEYS/	491	>NRAS-Q61R DTAGREEYSA	531	40
>NRAS-Q61R DTAGQEEY	28	>NRAS-Q61R DTAGREEY	38	10
>NRAS-Q61R DTAGQEEYS/	20	>NRAS-Q61R DTAGREEYSA	22	2
>NRAS-Q61R DTAGQEEY	8	>NRAS-Q61R DTAGREEY	15	7
>NRAS-Q61R DTAGQEEYS/	6	>NRAS-Q61R DTAGREEYSA	10	4
>NRAS-Q61R DTAGQEEY	1082	>NRAS-Q61R DTAGREEY	480	602
>NRAS-Q61R DTAGQEEYS/	223	>NRAS-Q61R DTAGREEYSA	120	103
>NRAS-Q61R DTAGQEEY	245	>NRAS-Q61R DTAGREEY	484	239
>NRAS-Q61R DTAGQEEY	89	>NRAS-Q61R DTAGREEY	62	27
>NRAS-Q61R DTAGQEEYS	408	>NRAS-Q61R DTAGREEYS	614	206
>NRAS-Q61R DTAGQEEYS/	613	>NRAS-Q61R DTAGREEYSA	364	249
>NRAS-Q61R DTAGQEEYS/	389	>NRAS-Q61R DTAGREEYSA	519	130
>NRAS-Q61R DTAGQEEYS/	449	>NRAS-Q61R DTAGREEYSA	1084	635
>NRAS-Q61R ILDTAGQEEY	135	>NRAS-Q61R ILDTAGREEY	181	46
>NRAS-Q61R ILDTAGQEEY	571	>NRAS-Q61R ILDTAGREEY	499	72
>NRAS-Q61R ILDTAGQEEY	349	>NRAS-Q61R ILDTAGREEY	488	139
>NRAS-Q61R ILDTAGQEEY	463	>NRAS-Q61R ILDTAGREEY	1310	847
>NRAS-Q61R DILDTAGQEE	150	>NRAS-Q61R DILDTAGREE'	207	57
>NRAS-Q61R DILDTAGQEE	183	>NRAS-Q61R DILDTAGREE'	283	100
>NRAS-Q61R DILDTAGQ	15309	>NRAS-Q61R DILDTAGR	67	15242
>NRAS-Q61R DILDTAGQ	8084	>NRAS-Q61R DILDTAGR	49	8035
>NRAS-Q61R DILDTAGQ	20152	>NRAS-Q61R DILDTAGR	361	19791
>NRAS-Q61R LLDILDTAGQ	401	>NRAS-Q61R LLDILDTAGR	10970	10569
>NRAS-R68T- TAGQEEYSAM	56	>NRAS-R68T- TAGQEEYSAM	26293	26237
>NRAS-R68T- AMRDQYMR'	166	>NRAS-R68T- AMTDQYMR'	251	85
>NRAS-R68T- AMRDQYMR'	1017	>NRAS-R68T- AMTDQYMR'	242	775
>NRAS-R68T- AMRDQYMR'	18	>NRAS-R68T- AMTDQYMR'	7	11
>NRAS-R68T- AMRDQYMR	156	>NRAS-R68T- AMTDQYMR	11099	10943

>NRAS-R68T-AMRDQYMR`	80	>NRAS-R68T-AMTDQYMR`	11455	11375
>NRAS-R68T-AMRDQYMR`	128	>NRAS-R68T-AMTDQYMR`	11384	11256
>NRAS-R68T-AMRDQYMR	13	>NRAS-R68T-AMTDQYMR	19	6
>NRAS-R68T-AMRDQYMR	249	>NRAS-R68T-AMTDQYMR	634	385
>NRAS-R68T-AMRDQYMR	470	>NRAS-R68T-AMTDQYMR	304	166
>NRAS-R68T-SAMRDQYM	52	>NRAS-R68T-SAMTDQYM	58	6
>NRAS-R68T-SAMRDQYMI	142	>NRAS-R68T-SAMTDQYMI	124	18
>NRAS-R68T-SAMRDQYMI	38	>NRAS-R68T-SAMTDQYMI	59	21
>NRAS-R68T-SAMRDQYMI	27	>NRAS-R68T-SAMTDQYMI	19	8
>NRAS-R68T-SAMRDQYM	1162	>NRAS-R68T-SAMTDQYM	499	663
>NRAS-R68T-SAMRDQYMI	183	>NRAS-R68T-SAMTDQYMI	228	45
>NRAS-R68T-YSAMRDQY	37	>NRAS-R68T-YSAMTDQY	22	15
>NRAS-R68T-YSAMRDQYM	322	>NRAS-R68T-YSAMTDQYM	230	92
>NRAS-R68T-YSAMRDQY	308	>NRAS-R68T-YSAMTDQY	212	96
>NRAS-R68T-YSAMRDQY	352	>NRAS-R68T-YSAMTDQY	129	223
>NRAS-R68T-YSAMRDQYM	1211	>NRAS-R68T-YSAMTDQYM	483	728
>NRAS-R68T-YSAMRDQY	130	>NRAS-R68T-YSAMTDQY	62	68
>NRAS-R68T-YSAMRDQY	365	>NRAS-R68T-YSAMTDQY	287	78
>NRAS-R68T-YSAMRDQYM	173	>NRAS-R68T-YSAMTDQYM	457	284
>NRAS-R68T-YSAMRDQY	322	>NRAS-R68T-YSAMTDQY	195	127
>NRAS-R68T-YSAMRDQYM	7	>NRAS-R68T-YSAMTDQYM	5	2
>NRAS-R68T-YSAMRDQY	170	>NRAS-R68T-YSAMTDQY	96	74
>NRAS-R68T-YSAMRDQYM	402	>NRAS-R68T-YSAMTDQYM	225	177
>NRAS-R68T-YSAMRDQY	626	>NRAS-R68T-YSAMTDQY	260	366
>NRAS-R68T-YSAMRDQYM	736	>NRAS-R68T-YSAMTDQYM	198	538
>NRAS-R68T-YSAMRDQY	8	>NRAS-R68T-YSAMTDQY	6	2
>NRAS-R68T-YSAMRDQYM	11	>NRAS-R68T-YSAMTDQYM	12	1
>NRAS-R68T-YSAMRDQY	156	>NRAS-R68T-YSAMTDQY	40	116
>NRAS-R68T-YSAMRDQYM	779	>NRAS-R68T-YSAMTDQYM	213	566
>NRAS-R68T-YSAMRDQY	466	>NRAS-R68T-YSAMTDQY	61	405
>NRAS-R68T-YSAMRDQYM	367	>NRAS-R68T-YSAMTDQYM	45	322
>NRAS-R68T-YSAMRDQYM	440	>NRAS-R68T-YSAMTDQYM	60	380
>NRAS-R68T-YSAMRDQY	236	>NRAS-R68T-YSAMTDQY	51	185
>NRAS-R68T-YSAMRDQYM	77	>NRAS-R68T-YSAMTDQYM	26	51
>NRAS-R68T-YSAMRDQY	444	>NRAS-R68T-YSAMTDQY	442	2
>NRAS-R68T-EYSAMRDQY	133	>NRAS-R68T-EYSAMTDQY	142	9
>NRAS-R68T-EYSAMRDQY	1064	>NRAS-R68T-EYSAMTDQY	281	783
>NRAS-R68T-EYSAMRDQY	1060	>NRAS-R68T-EYSAMTDQY	400	660
>NRAS-R68T-EYSAMRDQY	28	>NRAS-R68T-EYSAMTDQY	43	15
>NRAS-R68T-EYSAMRDQY	14	>NRAS-R68T-EYSAMTDQY	13	1
>NRAS-R68T-EYSAMRDQY	380	>NRAS-R68T-EYSAMTDQY	573	193
>NRAS-R68T-EYSAMRDQY	37	>NRAS-R68T-EYSAMTDQY	25	12
>NRAS-R68T-EEYSAMRDQ	105	>NRAS-R68T-EEYSAMTDQ`	98	7



>NRAS-R68T-EEYSAMRDQ	49	>NRAS-R68T-EEYSAMTDQ'	64	15
>NRAS-R68T-EEYSAMRDQ	296	>NRAS-R68T-EEYSAMTDQ'	154	142
>NRAS-R68T-EEYSAMRDQ	237	>NRAS-R68T-EEYSAMTDQ'	157	80
>NRAS-R68T-EEYSAMRDQ	625	>NRAS-R68T-EEYSAMTDQ'	376	249
>NRAS-R68T-EEYSAMRDQ	795	>NRAS-R68T-EEYSAMTDQ'	291	504
>NRAS-R68T-EEYSAMRDQ	322	>NRAS-R68T-EEYSAMTDQ'	250	72
>NRAS-R68T-EEYSAMRDQ	64	>NRAS-R68T-EEYSAMTDQ'	63	1
>NRAS-R68T-EEYSAMRDQ	126	>NRAS-R68T-EEYSAMTDQ'	102	24
>NRAS-R68T-QEEYSAMR	509	>NRAS-R68T-QEEYSAMT	164	345
>NRAS-R68T-QEEYSAMRD	686	>NRAS-R68T-QEEYSAMTDI	352	334
>NRAS-R68T-QEEYSAMRD	722	>NRAS-R68T-QEEYSAMTDI	371	351
>NRAS-R68T-QEEYSAMR	3282	>NRAS-R68T-QEEYSAMT	123	3159
>NRAS-R68T-QEEYSAMRD	423	>NRAS-R68T-QEEYSAMTDI	374	49
>NRAS-R68T-GQEEYSAMR	385	>NRAS-R68T-GQEEYSAMT	23544	23159
>NRAS-R97G SKSFADINLYF	247	>NRAS-R97G SKSFADINLYC	38760	38513
>NRAS-R97G SKSFADINLYF	179	>NRAS-R97G SKSFADINLYC	28017	27838
>NRAS-R97G LYREQIKRV	266	>NRAS-R97G LYGEQIKRV	117	149
>NRAS-R97G LYREQIKRV	1562	>NRAS-R97G LYGEQIKRV	296	1266
>NRAS-R97G LYREQIKR	251	>NRAS-R97G LYGEQIKR	15943	15692
>NRAS-R97G LYREQIKRV	225	>NRAS-R97G LYGEQIKRV	15345	15120
>NRAS-R97G LYREQIKRVK	9	>NRAS-R97G LYGEQIKRVK	5609	5600
>NRAS-R97G LYREQIKR	105	>NRAS-R97G LYGEQIKR	709	604
>NRAS-R97G LYREQIKR	107	>NRAS-R97G LYGEQIKR	1052	945
>NRAS-R97G LYREQIKR	97	>NRAS-R97G LYGEQIKR	42	55
>NRAS-R97G NLYREQIKRV	506	>NRAS-R97G NLYGEQIKRV	155	351
>NRAS-R97G NLYREQIKRV	493	>NRAS-R97G NLYGEQIKRV	135	358
>NRAS-R97G NLYREQIKRV	53	>NRAS-R97G NLYGEQIKRV	37	16
>NRAS-R97G NLYREQIKRV	5	>NRAS-R97G NLYGEQIKRV	3	2
>NRAS-R97G NLYREQIKRV	37	>NRAS-R97G NLYGEQIKRV	39	2
>NRAS-R97G NLYREQIKRV	23	>NRAS-R97G NLYGEQIKRV	12	11
>NRAS-R97G NLYREQIKRV	68	>NRAS-R97G NLYGEQIKRV	16	52
>NRAS-R97G NLYREQIKRV	5	>NRAS-R97G NLYGEQIKRV	3	2
>NRAS-R97G NLYREQIK	161	>NRAS-R97G NLYGEQIK	265	104
>NRAS-R97G NLYREQIKR	445	>NRAS-R97G NLYGEQIKR	698	253
>NRAS-R97G NLYREQIKRV	120	>NRAS-R97G NLYGEQIKRV	160	40
>NRAS-R97G NLYREQIKR	137	>NRAS-R97G NLYGEQIKR	96	41
>NRAS-R97G NLYREQIKR	148	>NRAS-R97G NLYGEQIKR	69	79
>NRAS-R97G INLYREQIKRV	387	>NRAS-R97G INLYGEQIKRV	1894	1507
>NRAS-R97G DINLYREQIKF	48	>NRAS-R97G DINLYGEQIKF	98	50
>NRAS-R97G DINLYREQIKF	53	>NRAS-R97G DINLYGEQIKF	90	37
>NRAS-R97G ADINLYREQI	83	>NRAS-R97G ADINLYGEQI	63	20
>NRAS-R97G ADINLYREQI	75	>NRAS-R97G ADINLYGEQI	38	37
>NRAS-R97G FADINLYREQ	403	>NRAS-R97G FADINLYGEQ	196	207

>NRAS-R97G FADINLYREQ	374	>NRAS-R97G FADINLYGEQ	132	242
>NRAS-R97G FADINLYR	45	>NRAS-R97G FADINLYG	31478	31433
>NRAS-R97G FADINLYREQ	554	>NRAS-R97G FADINLYGEQ	407	147
>NRAS-R97G SFADINLYR	462	>NRAS-R97G SFADINLYG	24456	23994
>NRAS-R97G SFADINLYR	20	>NRAS-R97G SFADINLYG	15205	15185
>NRAS-R97G SFADINLYR	111	>NRAS-R97G SFADINLYG	29657	29546
>NRAS-R97G SFADINLYR	22	>NRAS-R97G SFADINLYG	23042	23020
>NRAS-R97G SFADINLYR	9	>NRAS-R97G SFADINLYG	12495	12486
>NRAS-R97G KSFADINLYR	151	>NRAS-R97G KSFADINLYG	17234	17083
>NRAS-R97G KSFADINLYR	21	>NRAS-R97G KSFADINLYG	29083	29062
>NRAS-R97G KSFADINLYR	90	>NRAS-R97G KSFADINLYG	264	174
>NRAS-R97G KSFADINLYR	10	>NRAS-R97G KSFADINLYG	11938	11928
>NRAS-R97G KSFADINLYR	10	>NRAS-R97G KSFADINLYG	29313	29303
>NRAS-R97G KSFADINLYR	385	>NRAS-R97G KSFADINLYG	32032	31647
>NRAS-R97G KSFADINLYR	246	>NRAS-R97G KSFADINLYG	14779	14533
>NRAS-R97G KSFADINLYR	14	>NRAS-R97G KSFADINLYG	9215	9201
>NRAS-S65C-SAMRDQYM	52	>NRAS-S65C-CAMRDQYM	240	188
>NRAS-S65C-SAMRDQYMI	142	>NRAS-S65C-CAMRDQYM	1073	931
>NRAS-S65C-SAMRDQYMI	38	>NRAS-S65C-CAMRDQYM	73	35
>NRAS-S65C-SAMRDQYMI	652	>NRAS-S65C-CAMRDQYM	235	417
>NRAS-S65C-SAMRDQYMI	27	>NRAS-S65C-CAMRDQYM	30	3
>NRAS-S65C-SAMRDQYM	545	>NRAS-S65C-CAMRDQYM	216	329
>NRAS-S65C-SAMRDQYMI	183	>NRAS-S65C-CAMRDQYM	1300	1117
>NRAS-S65C-YSAMRDQY	37	>NRAS-S65C-YCAMRDQY	4650	4613
>NRAS-S65C-YSAMRDQYM	322	>NRAS-S65C-YCAMRDQYM	14813	14491
>NRAS-S65C-YSAMRDQY	308	>NRAS-S65C-YCAMRDQY	2484	2176
>NRAS-S65C-YSAMRDQY	352	>NRAS-S65C-YCAMRDQY	2074	1722
>NRAS-S65C-YSAMRDQY	130	>NRAS-S65C-YCAMRDQY	548	418
>NRAS-S65C-YSAMRDQY	365	>NRAS-S65C-YCAMRDQY	3297	2932
>NRAS-S65C-YSAMRDQYM	173	>NRAS-S65C-YCAMRDQYM	926	753
>NRAS-S65C-YSAMRDQY	322	>NRAS-S65C-YCAMRDQY	10322	10000
>NRAS-S65C-YSAMRDQYM	7	>NRAS-S65C-YCAMRDQYM	335	328
>NRAS-S65C-YSAMRDQY	170	>NRAS-S65C-YCAMRDQY	7469	7299
>NRAS-S65C-YSAMRDQYM	402	>NRAS-S65C-YCAMRDQYM	10466	10064
>NRAS-S65C-YSAMRDQY	8	>NRAS-S65C-YCAMRDQY	3003	2995
>NRAS-S65C-YSAMRDQYM	11	>NRAS-S65C-YCAMRDQYM	5487	5476
>NRAS-S65C-YSAMRDQY	156	>NRAS-S65C-YCAMRDQY	629	473
>NRAS-S65C-YSAMRDQY	466	>NRAS-S65C-YCAMRDQY	18413	17947
>NRAS-S65C-YSAMRDQYM	367	>NRAS-S65C-YCAMRDQYM	18223	17856
>NRAS-S65C-YSAMRDQYM	440	>NRAS-S65C-YCAMRDQYM	21438	20998
>NRAS-S65C-YSAMRDQY	236	>NRAS-S65C-YCAMRDQY	10763	10527
>NRAS-S65C-YSAMRDQYM	77	>NRAS-S65C-YCAMRDQYM	608	531
>NRAS-S65C-YSAMRDQY	444	>NRAS-S65C-YCAMRDQY	865	421

>NRAS-S65C-YSAMRDQYM	895	>NRAS-S65C-YCAMRDQYM	222	673
>NRAS-S65C-ILDTAGQEEYI	734	>NRAS-S65C-ILDTAGQEEYI	55	679
>NRAS-S65C-ILDTAGQEEYI	3523	>NRAS-S65C-ILDTAGQEEYI	167	3356
>NRAS-S65C-EYSAMRDQY	133	>NRAS-S65C-EYCAMRDQY	65	68
>NRAS-S65C-EYSAMRDQY	1064	>NRAS-S65C-EYCAMRDQY	236	828
>NRAS-S65C-EYSAMRDQY	3033	>NRAS-S65C-EYCAMRDQY	364	2669
>NRAS-S65C-EYSAMRDQY	538	>NRAS-S65C-EYCAMRDQY	282	256
>NRAS-S65C-EYSAMRDQY	28	>NRAS-S65C-EYCAMRDQY	16	12
>NRAS-S65C-EYSAMRDQY	14	>NRAS-S65C-EYCAMRDQY	22	8
>NRAS-S65C-EYSAMRDQY	380	>NRAS-S65C-EYCAMRDQY	847	467
>NRAS-S65C-EYSAMRDQY	37	>NRAS-S65C-EYCAMRDQY	28	9
>NRAS-S65C-EEYSAMRDQ	105	>NRAS-S65C-EEYCAMRDQ	184	79
>NRAS-S65C-EEYSAMRDQ	49	>NRAS-S65C-EEYCAMRDQ	75	26
>NRAS-S65C-EEYSAMRDQ	296	>NRAS-S65C-EEYCAMRDQ	631	335
>NRAS-S65C-EEYSAMRDQ	237	>NRAS-S65C-EEYCAMRDQ	528	291
>NRAS-S65C-EEYSAMRDQ	322	>NRAS-S65C-EEYCAMRDQ	242	80
>NRAS-S65C-EEYSAMRDQ	562	>NRAS-S65C-EEYCAMRDQ	469	93
>NRAS-S65C-EEYSAMRDQ	64	>NRAS-S65C-EEYCAMRDQ	57	7
>NRAS-S65C-EEYSAMRDQ	126	>NRAS-S65C-EEYCAMRDQ	133	7
>NRAS-S65C-QEEYSAMRD	734	>NRAS-S65C-QEEYCAMRD	417	317
>NRAS-S65C-QEEYSAMRD	972	>NRAS-S65C-QEEYCAMRD	393	579
>NRAS-S65C-QEEYSAMRD	423	>NRAS-S65C-QEEYCAMRD	328	95
>NRAS-S65C-GQEEYSAM	497	>NRAS-S65C-GQEEYCAM	528	31
>NRAS-S65C-GQEEYSAMR	385	>NRAS-S65C-GQEEYCAMR	411	26
>NRAS-S65C-GQEEYSAM	347	>NRAS-S65C-GQEEYCAM	1099	752
>NRAS-S65C-TAGQEEYSAM	56	>NRAS-S65C-TAGQEEYCAM	49	7
>NRAS-S65C-DTAGQEEYS/	491	>NRAS-S65C-DTAGQEEYCA/	981	490
>NRAS-S65C-DTAGQEEYS/	20	>NRAS-S65C-DTAGQEEYCA/	27	7
>NRAS-S65C-DTAGQEEYS/	6	>NRAS-S65C-DTAGQEEYCA/	16	10
>NRAS-S65C-DTAGQEEYS/	223	>NRAS-S65C-DTAGQEEYCA/	656	433
>NRAS-S65C-DTAGQEEYS	408	>NRAS-S65C-DTAGQEEYCA	1785	1377
>NRAS-S65C-DTAGQEEYS/	389	>NRAS-S65C-DTAGQEEYCA/	651	262
>NRAS-S65C-DTAGQEEYS/	666	>NRAS-S65C-DTAGQEEYCA/	458	208
>NRAS-S65C-DTAGQEEYS/	449	>NRAS-S65C-DTAGQEEYCA/	796	347
>NRAS-S65R-SAMRDQYM	52	>NRAS-S65R-RAMRDQYM	115	63
>NRAS-S65R-SAMRDQYMI	142	>NRAS-S65R-RAMRDQYMI	256	114
>NRAS-S65R-SAMRDQYMI	38	>NRAS-S65R-RAMRDQYMI	12	26
>NRAS-S65R-SAMRDQYMI	27	>NRAS-S65R-RAMRDQYMI	203	176
>NRAS-S65R-SAMRDQYM	1499	>NRAS-S65R-RAMRDQYM	237	1262
>NRAS-S65R-SAMRDQYM	1104	>NRAS-S65R-RAMRDQYM	49	1055
>NRAS-S65R-SAMRDQYM	1171	>NRAS-S65R-RAMRDQYM	108	1063
>NRAS-S65R-SAMRDQYM	545	>NRAS-S65R-RAMRDQYM	23	522
>NRAS-S65R-SAMRDQYMI	183	>NRAS-S65R-RAMRDQYMI	750	567

>NRAS-S65R-SAMRDQYMI	1460	>NRAS-S65R-RAMRDQYM	248	1212
>NRAS-S65R-YSAMRDQY	37	>NRAS-S65R-YRAMRDQY	13824	13787
>NRAS-S65R-YSAMRDQYM	322	>NRAS-S65R-YRAMRDQYM	15806	15484
>NRAS-S65R-YSAMRDQY	308	>NRAS-S65R-YRAMRDQY	12080	11772
>NRAS-S65R-YSAMRDQY	352	>NRAS-S65R-YRAMRDQY	15303	14951
>NRAS-S65R-YSAMRDQY	130	>NRAS-S65R-YRAMRDQY	1164	1034
>NRAS-S65R-YSAMRDQY	365	>NRAS-S65R-YRAMRDQY	3141	2776
>NRAS-S65R-YSAMRDQYM	173	>NRAS-S65R-YRAMRDQYM	1478	1305
>NRAS-S65R-YSAMRDQY	322	>NRAS-S65R-YRAMRDQY	13219	12897
>NRAS-S65R-YSAMRDQYM	7	>NRAS-S65R-YRAMRDQYM	193	186
>NRAS-S65R-YSAMRDQY	170	>NRAS-S65R-YRAMRDQY	9256	9086
>NRAS-S65R-YSAMRDQYM	402	>NRAS-S65R-YRAMRDQYM	13222	12820
>NRAS-S65R-YSAMRDQY	626	>NRAS-S65R-YRAMRDQY	272	354
>NRAS-S65R-YSAMRDQYM	736	>NRAS-S65R-YRAMRDQYM	252	484
>NRAS-S65R-YSAMRDQY	8	>NRAS-S65R-YRAMRDQY	16395	16387
>NRAS-S65R-YSAMRDQYM	11	>NRAS-S65R-YRAMRDQYM	22139	22128
>NRAS-S65R-YSAMRDQY	19374	>NRAS-S65R-YRAMRDQY	234	19140
>NRAS-S65R-YSAMRDQYM	18666	>NRAS-S65R-YRAMRDQYM	125	18541
>NRAS-S65R-YSAMRDQYM	28111	>NRAS-S65R-YRAMRDQYM	277	27834
>NRAS-S65R-YSAMRDQY	156	>NRAS-S65R-YRAMRDQY	5178	5022
>NRAS-S65R-YSAMRDQY	466	>NRAS-S65R-YRAMRDQY	21275	20809
>NRAS-S65R-YSAMRDQYM	367	>NRAS-S65R-YRAMRDQYM	21386	21019
>NRAS-S65R-YSAMRDQYM	440	>NRAS-S65R-YRAMRDQYM	31207	30767
>NRAS-S65R-YSAMRDQY	236	>NRAS-S65R-YRAMRDQY	16716	16480
>NRAS-S65R-YSAMRDQYM	77	>NRAS-S65R-YRAMRDQYM	6423	6346
>NRAS-S65R-YSAMRDQY	444	>NRAS-S65R-YRAMRDQY	1637	1193
>NRAS-S65R-EYSAMRDQY	133	>NRAS-S65R-EYRAMRDQY	298	165
>NRAS-S65R-EYSAMRDQY	538	>NRAS-S65R-EYRAMRDQY	176	362
>NRAS-S65R-EYSAMRDQY	28	>NRAS-S65R-EYRAMRDQY	14	14
>NRAS-S65R-EYSAMRDQY	14	>NRAS-S65R-EYRAMRDQY	99	85
>NRAS-S65R-EYSAMRDQY	380	>NRAS-S65R-EYRAMRDQY	931	551
>NRAS-S65R-EYSAMRDQY	37	>NRAS-S65R-EYRAMRDQY	60	23
>NRAS-S65R-EEYSAMRDQ	105	>NRAS-S65R-EEYRAMRDQ	51	54
>NRAS-S65R-EEYSAMRDQ	49	>NRAS-S65R-EEYRAMRDQ	24	25
>NRAS-S65R-EEYSAMRDQ	296	>NRAS-S65R-EEYRAMRDQ	378	82
>NRAS-S65R-EEYSAMRDQ	237	>NRAS-S65R-EEYRAMRDQ	222	15
>NRAS-S65R-EEYSAMRDQ	322	>NRAS-S65R-EEYRAMRDQ	426	104
>NRAS-S65R-EEYSAMRDQ	64	>NRAS-S65R-EEYRAMRDQ	78	14
>NRAS-S65R-EEYSAMRDQ	126	>NRAS-S65R-EEYRAMRDQ	148	22
>NRAS-S65R-QEEYSAMRD	423	>NRAS-S65R-QEEYRAMRD	539	116
>NRAS-S65R-GQEEYSAM	497	>NRAS-S65R-GQEEYRAM	2971	2474
>NRAS-S65R-GQEEYSAMR	385	>NRAS-S65R-GQEEYRAMR	85	300
>NRAS-S65R-GQEEYSAM	347	>NRAS-S65R-GQEEYRAM	1315	968

>NRAS-S65R-TAGQEEYS	24326	>NRAS-S65R-TAGQEEYR	52	24274
>NRAS-S65R-TAGQEEYSAM	56	>NRAS-S65R-TAGQEEYRAM	48	8
>NRAS-S65R-TAGQEEYS	33214	>NRAS-S65R-TAGQEEYR	195	33019
>NRAS-S65R-DTAGQEEYS/	491	>NRAS-S65R-DTAGQEEYR/	988	497
>NRAS-S65R-DTAGQEEYS/	20	>NRAS-S65R-DTAGQEEYR/	31	11
>NRAS-S65R-DTAGQEEYS/	6	>NRAS-S65R-DTAGQEEYR/	10	4
>NRAS-S65R-DTAGQEEYS/	223	>NRAS-S65R-DTAGQEEYR/	247	24
>NRAS-S65R-DTAGQEEYS	21669	>NRAS-S65R-DTAGQEEYR	64	21605
>NRAS-S65R-DTAGQEEYS	1646	>NRAS-S65R-DTAGQEEYR	3	1643
>NRAS-S65R-DTAGQEEYS	408	>NRAS-S65R-DTAGQEEYR	10554	10146
>NRAS-S65R-DTAGQEEYS/	389	>NRAS-S65R-DTAGQEEYR/	1512	1123
>NRAS-S65R-DTAGQEEYS/	449	>NRAS-S65R-DTAGQEEYR/	1097	648
>NRAS-T20T-TIQLIQNHFV	244	>NRAS-T20T-TIQLIQNHFV	244	0
>NRAS-T20T-TIQLIQNHFV	51	>NRAS-T20T-TIQLIQNHFV	51	0
>NRAS-T20T-TIQLIQNHFV	231	>NRAS-T20T-TIQLIQNHFV	231	0
>NRAS-T20T-LTIQLIQNHF\	177	>NRAS-T20T-LTIQLIQNHF\	177	0
>NRAS-T20T-LTIQLIQNHF\	52	>NRAS-T20T-LTIQLIQNHF\	52	0
>NRAS-T20T-LTIQLIQNHF\	144	>NRAS-T20T-LTIQLIQNHF\	144	0
>NRAS-T20T-LTIQLIQNHF\	20	>NRAS-T20T-LTIQLIQNHF\	20	0
>NRAS-T20T-LTIQLIQNHF\	24	>NRAS-T20T-LTIQLIQNHF\	24	0
>NRAS-T20T-LTIQLIQNHF\	247	>NRAS-T20T-LTIQLIQNHF\	247	0
>NRAS-T20T-LTIQLIQNHF\	95	>NRAS-T20T-LTIQLIQNHF\	95	0
>NRAS-T20T-LTIQLIQNHF\	18	>NRAS-T20T-LTIQLIQNHF\	18	0
>NRAS-T20T-LTIQLIQNHF	289	>NRAS-T20T-LTIQLIQNHF	289	0
>NRAS-T20T-LTIQLIQNH	246	>NRAS-T20T-LTIQLIQNH	246	0
>NRAS-T20T-LTIQLIQNHF	8	>NRAS-T20T-LTIQLIQNHF	8	0
>NRAS-T20T-LTIQLIQNHF\	322	>NRAS-T20T-LTIQLIQNHF\	322	0
>NRAS-T20T-LTIQLIQNHF	347	>NRAS-T20T-LTIQLIQNHF	347	0
>NRAS-T20T-LTIQLIQNHF\	13	>NRAS-T20T-LTIQLIQNHF\	13	0
>NRAS-T20T-LTIQLIQNHF\	18	>NRAS-T20T-LTIQLIQNHF\	18	0
>NRAS-T20T-LTIQLIQNHF	69	>NRAS-T20T-LTIQLIQNHF	69	0
>NRAS-T20T-LTIQLIQNHF	218	>NRAS-T20T-LTIQLIQNHF	218	0
>NRAS-T20T-LTIQLIQNH	391	>NRAS-T20T-LTIQLIQNH	391	0
>NRAS-T20T-LTIQLIQNHF	8	>NRAS-T20T-LTIQLIQNHF	8	0
>NRAS-T20T-LTIQLIQNHF\	296	>NRAS-T20T-LTIQLIQNHF\	296	0
>NRAS-T20T-LTIQLIQNHF	324	>NRAS-T20T-LTIQLIQNHF	324	0
>NRAS-T20T-LTIQLIQNHF	27	>NRAS-T20T-LTIQLIQNHF	27	0
>NRAS-T20T-LTIQLIQNHF\	270	>NRAS-T20T-LTIQLIQNHF\	270	0
>NRAS-T20T-LTIQLIQNHF	45	>NRAS-T20T-LTIQLIQNHF	45	0
>NRAS-T20T-ALTIQLIQ	273	>NRAS-T20T-ALTIQLIQ	273	0
>NRAS-T20T-SALTIQLI	127	>NRAS-T20T-SALTIQLI	127	0
>NRAS-T20T-KSALTIQLI	239	>NRAS-T20T-KSALTIQLI	239	0
>NRAS-T20T-KSALTIQL	276	>NRAS-T20T-KSALTIQL	276	0

>NRAS-T20T- KSALTIQL	7	>NRAS-T20T- KSALTIQL	7	0
>NRAS-T20T- KSALTIQLI	42	>NRAS-T20T- KSALTIQLI	42	0
>NRAS-T20T- KSALTIQL	35	>NRAS-T20T- KSALTIQL	35	0
>NRAS-T20T- KSALTIQLI	24	>NRAS-T20T- KSALTIQLI	24	0
>NRAS-T20T- KSALTIQL	335	>NRAS-T20T- KSALTIQL	335	0
>NRAS-T20T- KSALTIQLI	73	>NRAS-T20T- KSALTIQLI	73	0
>NRAS-T20T- KSALTIQL	241	>NRAS-T20T- KSALTIQL	241	0
>NRAS-T20T- KSALTIQLI	35	>NRAS-T20T- KSALTIQLI	35	0
>NRAS-T20T- GKSALTIQL	414	>NRAS-T20T- GKSALTIQL	414	0
>NRAS-T58I-I TAGQEEYSAM	56	>NRAS-T58I-I IAGQEEYSAM	162	106
>NRAS-T58I-I DTAGQEEY	387	>NRAS-T58I-I DIAGQEEY	11659	11272
>NRAS-T58I-I DTAGQEEY	94	>NRAS-T58I-I DIAGQEEY	643	549
>NRAS-T58I-I DTAGQEEYS/	491	>NRAS-T58I-I DIAGQEEYSA	1468	977
>NRAS-T58I-I DTAGQEEY	28	>NRAS-T58I-I DIAGQEEY	208	180
>NRAS-T58I-I DTAGQEEYS/	20	>NRAS-T58I-I DIAGQEEYSA	60	40
>NRAS-T58I-I DTAGQEEY	8	>NRAS-T58I-I DIAGQEEY	28	20
>NRAS-T58I-I DTAGQEEYS/	6	>NRAS-T58I-I DIAGQEEYSA	22	16
>NRAS-T58I-I DTAGQEEYS/	223	>NRAS-T58I-I DIAGQEEYSA	2686	2463
>NRAS-T58I-I DTAGQEEY	245	>NRAS-T58I-I DIAGQEEY	399	154
>NRAS-T58I-I DTAGQEEY	89	>NRAS-T58I-I DIAGQEEY	745	656
>NRAS-T58I-I DTAGQEEYS	408	>NRAS-T58I-I DIAGQEEYS	3309	2901
>NRAS-T58I-I DTAGQEEYS/	389	>NRAS-T58I-I DIAGQEEYSA	2932	2543
>NRAS-T58I-I DTAGQEEYS/	449	>NRAS-T58I-I DIAGQEEYSA	339	110
>NRAS-T58I-I GETCLLDILDT	13343	>NRAS-T58I-I GETCLLDILDI	74	13269
>NRAS-T58I-I GETCLLDILDT	5510	>NRAS-T58I-I GETCLLDILDI	63	5447
>NRAS-T58I-I GETCLLDILDT	845	>NRAS-T58I-I GETCLLDILDI	466	379
>NRAS-T58I-I GETCLLDILDT	3083	>NRAS-T58I-I GETCLLDILDI	496	2587
>NRAS-T58I-I GETCLLDILDT	137	>NRAS-T58I-I GETCLLDILDI	5	132
>NRAS-T58I-I ILDTAGQEEY	135	>NRAS-T58I-I ILDIAGQEEY	163	28
>NRAS-T58I-I ILDTAGQEEY	349	>NRAS-T58I-I ILDIAGQEEY	167	182
>NRAS-T58I-I ILDTAGQEEY	463	>NRAS-T58I-I ILDIAGQEEY	556	93
>NRAS-T58I-I DILDTAGQEE	849	>NRAS-T58I-I DILDIAGQEE\	403	446
>NRAS-T58I-I DILDTAGQEE	150	>NRAS-T58I-I DILDIAGQEE\	196	46
>NRAS-T58I-I DILDTAGQEE	183	>NRAS-T58I-I DILDIAGQEE\	108	75
>NRAS-T58I-I LLDILDTA	318	>NRAS-T58I-I LLDILDIA	402	84
>NRAS-T58I-I LLDILDTA	45	>NRAS-T58I-I LLDILDIA	239	194
>NRAS-T58I-I LLDILDTA	149	>NRAS-T58I-I LLDILDIA	499	350
>NRAS-T58I-I LLDILDTA	42	>NRAS-T58I-I LLDILDIA	117	75
>NRAS-T58I-I LLDILDTA	36	>NRAS-T58I-I LLDILDIA	131	95
>NRAS-T58I-I LLDILDITAGQ	401	>NRAS-T58I-I LLDILDIAGQ	253	148
>NRAS-T58I-I CLLDILDT	904	>NRAS-T58I-I CLLDILDI	51	853
>NRAS-T58I-I CLLDILDTA	48	>NRAS-T58I-I CLLDILDIA	115	67
>NRAS-T58I-I CLLDILDT	1560	>NRAS-T58I-I CLLDILDI	338	1222

>NRAS-T58I-I CLLDILDTA	69	>NRAS-T58I-I CLLDILDIA	90	21
>NRAS-T58I-I CLLDILDT	1679	>NRAS-T58I-I CLLDILDI	192	1487
>NRAS-T58I-I CLLDILDTA	89	>NRAS-T58I-I CLLDILDIA	140	51
>NRAS-T58I-I CLLDILDT	1503	>NRAS-T58I-I CLLDILDI	141	1362
>NRAS-T58I-I CLLDILDTA	23	>NRAS-T58I-I CLLDILDIA	54	31
>NRAS-T58I-I CLLDILDT	667	>NRAS-T58I-I CLLDILDI	24	643
>NRAS-T58I-I CLLDILDTA	10	>NRAS-T58I-I CLLDILDIA	94	84
>NRAS-T58I-I CLLDILDT	2429	>NRAS-T58I-I CLLDILDI	32	2397
>NRAS-T58I-I CLLDILDTA	11	>NRAS-T58I-I CLLDILDIA	44	33
>NRAS-T58I-I CLLDILDT	2051	>NRAS-T58I-I CLLDILDI	63	1988
>NRAS-T58I-I CLLDILDTA	39	>NRAS-T58I-I CLLDILDIA	146	107
>NRAS-T58I-I CLLDILDT	748	>NRAS-T58I-I CLLDILDI	28	720
>NRAS-T58I-I CLLDILDTA	7	>NRAS-T58I-I CLLDILDIA	32	25
>NRAS-T58I-I CLLDILDTAGC	479	>NRAS-T58I-I CLLDILDIAGC	585	106
>NRAS-T58I-I CLLDILDT	239	>NRAS-T58I-I CLLDILDI	24	215
>NRAS-T58I-I CLLDILDTA	13	>NRAS-T58I-I CLLDILDIA	69	56
>NRAS-T58I-I CLLDILDTAGC	138	>NRAS-T58I-I CLLDILDIAGC	120	18
>NRAS-T58I-I ETCLLDILDTA	107	>NRAS-T58I-I ETCLLDILDIA	255	148
>NRAS-V45A VIDGETCLL	144	>NRAS-V45A AIDGETCLL	70	74
>NRAS-V45A VIDGETCLL	476	>NRAS-V45A AIDGETCLL	373	103
>NRAS-V45A VIDGETCLL	84	>NRAS-V45A AIDGETCLL	121	37
>NRAS-V45A VIDGETCL	360	>NRAS-V45A AIDGETCL	322	38
>NRAS-V45A VIDGETCLL	137	>NRAS-V45A AIDGETCLL	135	2
>NRAS-V45A VIDGETCLL	265	>NRAS-V45A AIDGETCLL	1051	786
>NRAS-V45A VIDGETCL	136	>NRAS-V45A AIDGETCL	127	9
>NRAS-V45A VIDGETCLL	17	>NRAS-V45A AIDGETCLL	17	0
>NRAS-V45A VIDGETCLLDI	587	>NRAS-V45A AIDGETCLLDI	489	98
>NRAS-V45A VVIDGETCLL	148	>NRAS-V45A VAIDGETCLL	378	230
>NRAS-V45A VVIDGETCL	346	>NRAS-V45A VAIDGETCL	1922	1576
>NRAS-V45A VVIDGETCL	72	>NRAS-V45A VAIDGETCL	1470	1398
>NRAS-V45A VVIDGETCLL	17	>NRAS-V45A VAIDGETCLL	231	214
>NRAS-V45A VVIDGETCLL	1568	>NRAS-V45A VAIDGETCLL	140	1428
>NRAS-V45A TIEDSYRKQV'	57	>NRAS-V45A TIEDSYRKQV'	4543	4486
>NRAS-V45A QVVIDGETCL	1485	>NRAS-V45A QVAIDGETCL	284	1201
>NRAS-V45A QVVIDGETCL	962	>NRAS-V45A QVAIDGETCL	280	682
>NRAS-V45A KQVVIDGETC	1211	>NRAS-V45A KQVAIDGETC	373	838
>NRAS-V45A KQVVIDGETC	185	>NRAS-V45A KQVAIDGETC	82	103
>NRAS-V45A KQVVIDGETC	222	>NRAS-V45A KQVAIDGETC	171	51
>NRAS-V45A KQVVIDGETC	458	>NRAS-V45A KQVAIDGETC	165	293
>NRAS-V45A SYRKQVVI	43	>NRAS-V45A SYRKQVAI	27	16
>NRAS-V45A SYRKQVVI	407	>NRAS-V45A SYRKQVAI	1191	784
>NRAS-V45A SYRKQVVI	19	>NRAS-V45A SYRKQVAI	26	7
>NRAS-V45A SYRKQVVI	13	>NRAS-V45A SYRKQVAI	10	3

>NRAS-V45A SYRKQVVID	605	>NRAS-V45A SYRKQVAID	418	187
>NRAS-V45A SYRKQVVIDG	267	>NRAS-V45A SYRKQVAIDG	256	11
>NRAS-V45A DSYRKQVVI	1145	>NRAS-V45A DSYRKQVAI	475	670
>NRAS-V45A DSYRKQVVI	1839	>NRAS-V45A DSYRKQVAI	473	1366
>NRAS-V45A DSYRKQVVI	362	>NRAS-V45A DSYRKQVAI	661	299
>NRAS-V45A IEDSYRKQVV	145	>NRAS-V45A IEDSYRKQVA	4619	4474
>NRAS-V45A IEDSYRKQVV	47	>NRAS-V45A IEDSYRKQVA	59	12
>NRAS-V45A IEDSYRKQVV	227	>NRAS-V45A IEDSYRKQVA	168	59
>NRAS-V45A IEDSYRKQVV	51	>NRAS-V45A IEDSYRKQVA	43	8
>NRAS-V8A-1 VVGAGGVGK	326	>NRAS-V8A-r AVGAGGVGK	342	16
>NRAS-V8A-1 VVGAGGVGK	89	>NRAS-V8A-r AVGAGGVGK	80	9
>NRAS-V8A-1 VVGAGGV	117	>NRAS-V8A-r VAVGAGGV	1049	932
>NRAS-V8A-1 VVGAGGV	68	>NRAS-V8A-r VAVGAGGV	397	329
>NRAS-V8A-1 VVGAGGV	139	>NRAS-V8A-r VAVGAGGV	749	610
>NRAS-V8A-1 VVGAGGV	23	>NRAS-V8A-r VAVGAGGV	428	405
>NRAS-V8A-1 VVGAGGVG	76	>NRAS-V8A-r VAVGAGGVG	330	254
>NRAS-V8A-1 VVGAGGVG	101	>NRAS-V8A-r VAVGAGGVG	348	247
>NRAS-V8A-1 VVGAGGVG	203	>NRAS-V8A-r VAVGAGGVG	368	165
>NRAS-V8A-1 VVGAGGV	191	>NRAS-V8A-r VAVGAGGV	928	737
>NRAS-V8A-1 LVVVGAGGV	180	>NRAS-V8A-r LVAVGAGGV	59	121
>NRAS-V8A-1 LVVVGAGGV	55	>NRAS-V8A-r LVAVGAGGV	70	15
>NRAS-V8A-1 LVVVGAGGV	75	>NRAS-V8A-r LVAVGAGGV	36	39
>NRAS-V8A-1 LVVVGAGGV	1183	>NRAS-V8A-r LVAVGAGGV	340	843
>NRAS-V8A-1 LVVVGAGGV	572	>NRAS-V8A-r LVAVGAGGV	289	283
>NRAS-V8A-1 LVVVGAGGV	284	>NRAS-V8A-r LVAVGAGGV	126	158
>NRAS-V8A-1 LVVVGAGGV	154	>NRAS-V8A-r LVAVGAGGV	50	104
>NRAS-V8A-1 LVVVGAGGV	159	>NRAS-V8A-r LVAVGAGGV	97	62
>NRAS-V8A-1 KLVVVGAGG'	392	>NRAS-V8A-r KLVAVGAGG'	139	253
>NRAS-V8A-1 KLVVVGAGG'	35	>NRAS-V8A-r KLVAVGAGG'	19	16
>NRAS-V8A-1 KLVVVGAGG'	6	>NRAS-V8A-r KLVAVGAGG'	3	3
>NRAS-V8A-1 KLVVVGAGG'	17	>NRAS-V8A-r KLVAVGAGG'	10	7
>NRAS-V8A-1 KLVVVGAGG'	14	>NRAS-V8A-r KLVAVGAGG'	10	4
>NRAS-V8A-1 KLVVVGAGG'	121	>NRAS-V8A-r KLVAVGAGG'	70	51
>NRAS-V8A-1 KLVVVGAGG'	6	>NRAS-V8A-r KLVAVGAGG'	4	2
>NRAS-V8A-1 YKLVVVGAGC	423	>NRAS-V8A-r YKLVAVGAGC	494	71
>NRAS-V8A-1 YKLVVVGAGC	220	>NRAS-V8A-r YKLVAVGAGC	721	501
>NRAS-V8A-1 YKLVVVGAGC	423	>NRAS-V8A-r YKLVAVGAGC	379	44
>NRAS-V8A-1 YKLVVVGAGC	696	>NRAS-V8A-r YKLVAVGAGC	488	208
>NRAS-V8A-1 TEYKLVVV	39	>NRAS-V8A-r TEYKLVAV	59	20
>NRAS-V8A-1 TEYKLVVVGAGC	691	>NRAS-V8A-r TEYKLVAVGA	455	236
>NRAS-V8A-1 TEYKLVVV	259	>NRAS-V8A-r TEYKLVAV	111	148
>NRAS-V8A-1 TEYKLVVV	231	>NRAS-V8A-r TEYKLVAV	145	86
>NRAS-V8A-1 TEYKLVVV	65	>NRAS-V8A-r TEYKLVAV	61	4



>NRAS-V8A-l TEYKLVVGA	303	>NRAS-V8A-r TEYKLVAVGA	359	56
>NRAS-V8A-l TEYKLVVGA	556	>NRAS-V8A-r TEYKLVAVGA	326	230
>NRAS-V8A-l TEYKLVVV	93	>NRAS-V8A-r TEYKLVAV	66	27
>NRAS-V8A-l TEYKLVVGA	68	>NRAS-V8A-r TEYKLVAVGA	61	7
>NRAS-V8A-l TEYKLVVV	81	>NRAS-V8A-r TEYKLVAV	65	16
>NRAS-V8A-l MTEYKLVVV	1343	>NRAS-V8A-r MTEYKLVAV	402	941
>NRAS-V8A-l MTEYKLVVV	1130	>NRAS-V8A-r MTEYKLVAV	469	661
>NRAS-V8A-l MTEYKLVVV	616	>NRAS-V8A-r MTEYKLVAV	74	542
>NRAS-V8A-l MTEYKLVV	144	>NRAS-V8A-r MTEYKLVAV	1871	1727
>NRAS-V8A-l MTEYKLVVV	43	>NRAS-V8A-r MTEYKLVAV	20	23
>NRAS-V8A-l MTEYKLVVV	78	>NRAS-V8A-r MTEYKLVAV	79	1
>NRAS-Y64N YSAMRDQY	37	>NRAS-Y64N NSAMRDQY	291	254
>NRAS-Y64N YSAMRDQYM	322	>NRAS-Y64N NSAMRDQYM	469	147
>NRAS-Y64N YSAMRDQY	308	>NRAS-Y64N NSAMRDQY	3985	3677
>NRAS-Y64N YSAMRDQY	352	>NRAS-Y64N NSAMRDQY	1907	1555
>NRAS-Y64N YSAMRDQY	130	>NRAS-Y64N NSAMRDQY	1917	1787
>NRAS-Y64N YSAMRDQY	365	>NRAS-Y64N NSAMRDQY	616	251
>NRAS-Y64N YSAMRDQYM	173	>NRAS-Y64N NSAMRDQYM	301	128
>NRAS-Y64N YSAMRDQY	322	>NRAS-Y64N NSAMRDQY	540	218
>NRAS-Y64N YSAMRDQYM	7	>NRAS-Y64N NSAMRDQYM	8	1
>NRAS-Y64N YSAMRDQY	170	>NRAS-Y64N NSAMRDQY	2122	1952
>NRAS-Y64N YSAMRDQYM	402	>NRAS-Y64N NSAMRDQYM	4971	4569
>NRAS-Y64N YSAMRDQY	8	>NRAS-Y64N NSAMRDQY	285	277
>NRAS-Y64N YSAMRDQYM	11	>NRAS-Y64N NSAMRDQYM	626	615
>NRAS-Y64N YSAMRDQY	156	>NRAS-Y64N NSAMRDQY	1285	1129
>NRAS-Y64N YSAMRDQY	466	>NRAS-Y64N NSAMRDQY	9413	8947
>NRAS-Y64N YSAMRDQYM	367	>NRAS-Y64N NSAMRDQYM	8444	8077
>NRAS-Y64N YSAMRDQYM	440	>NRAS-Y64N NSAMRDQYM	15421	14981
>NRAS-Y64N YSAMRDQY	236	>NRAS-Y64N NSAMRDQY	3692	3456
>NRAS-Y64N YSAMRDQYM	77	>NRAS-Y64N NSAMRDQYM	2450	2373
>NRAS-Y64N YSAMRDQY	444	>NRAS-Y64N NSAMRDQY	1375	931
>NRAS-Y64N EYSAMRDQY	133	>NRAS-Y64N ENSAMRDQY	15304	15171
>NRAS-Y64N EYSAMRDQY	28	>NRAS-Y64N ENSAMRDQY	3900	3872
>NRAS-Y64N EYSAMRDQY	14	>NRAS-Y64N ENSAMRDQY	19	5
>NRAS-Y64N EYSAMRDQY	380	>NRAS-Y64N ENSAMRDQY	3986	3606
>NRAS-Y64N EYSAMRDQY	37	>NRAS-Y64N ENSAMRDQY	1369	1332
>NRAS-Y64N DILDTAGQEE	150	>NRAS-Y64N DILDTAGQEE	29326	29176
>NRAS-Y64N DILDTAGQEE	183	>NRAS-Y64N DILDTAGQEE	21715	21532
>NRAS-Y64N EEYSAMRDQ	105	>NRAS-Y64N EENSAMRDQ	1218	1113
>NRAS-Y64N EEYSAMRDQ	49	>NRAS-Y64N EENSAMRDQ	440	391
>NRAS-Y64N EEYSAMRDQ	296	>NRAS-Y64N EENSAMRDQ	1046	750
>NRAS-Y64N EEYSAMRDQ	237	>NRAS-Y64N EENSAMRDQ	590	353
>NRAS-Y64N EEYSAMRDQ	322	>NRAS-Y64N EENSAMRDQ	465	143

>NRAS-Y64N·EEYSAMRDQ	562	>NRAS-Y64N·EENSAMRDQ	426	136
>NRAS-Y64N·EEYSAMRDQ	64	>NRAS-Y64N·EENSAMRDQ	298	234
>NRAS-Y64N·EEYSAMRDQ	126	>NRAS-Y64N·EENSAMRDQ	168	42
>NRAS-Y64N·QEEYSAMRD	423	>NRAS-Y64N·QEENSAMRD	1589	1166
>NRAS-Y64N·GQEEYSAM	497	>NRAS-Y64N·GQEENSAM	1471	974
>NRAS-Y64N·GQEEYSAMR	385	>NRAS-Y64N·GQEENSAMR	1912	1527
>NRAS-Y64N·GQEEYSAM	347	>NRAS-Y64N·GQEENSAM	600	253
>NRAS-Y64N·TAGQEEYSAM	56	>NRAS-Y64N·TAGQEENSAI	77	21
>NRAS-Y64N·DTAGQEEY	387	>NRAS-Y64N·DTAGQEEN	24044	23657
>NRAS-Y64N·DTAGQEEY	94	>NRAS-Y64N·DTAGQEEN	17000	16906
>NRAS-Y64N·DTAGQEEYS/	491	>NRAS-Y64N·DTAGQEENS/	1019	528
>NRAS-Y64N·DTAGQEEY	28	>NRAS-Y64N·DTAGQEEN	16092	16064
>NRAS-Y64N·DTAGQEEYS/	20	>NRAS-Y64N·DTAGQEENS/	33	13
>NRAS-Y64N·DTAGQEEY	8	>NRAS-Y64N·DTAGQEEN	11080	11072
>NRAS-Y64N·DTAGQEEYS/	6	>NRAS-Y64N·DTAGQEENS/	7	1
>NRAS-Y64N·DTAGQEEYS/	223	>NRAS-Y64N·DTAGQEENS/	108	115
>NRAS-Y64N·DTAGQEEY	245	>NRAS-Y64N·DTAGQEEN	23251	23006
>NRAS-Y64N·DTAGQEEY	89	>NRAS-Y64N·DTAGQEEN	3116	3027
>NRAS-Y64N·DTAGQEEYS	408	>NRAS-Y64N·DTAGQEENS	2084	1676
>NRAS-Y64N·DTAGQEEYS/	389	>NRAS-Y64N·DTAGQEENS/	623	234
>NRAS-Y64N·DTAGQEEYS/	449	>NRAS-Y64N·DTAGQEENS/	401	48
>NRAS-Y64N·ILDTAGQEEY	135	>NRAS-Y64N·ILDTAGQEEN	25487	25352
>NRAS-Y64N·ILDTAGQEEY	349	>NRAS-Y64N·ILDTAGQEEN	29182	28833
>NRAS-Y64N·ILDTAGQEEY	463	>NRAS-Y64N·ILDTAGQEEN	25693	25230
>NSD1-A167 LAAGSKIL	327	>NSD1-A167 LDAGSKIL	22541	22214
>NSD1-A167 LAAGSKILA	288	>NSD1-A167 LDAGSKILA	9906	9618
>NSD1-A167 VAYHANDFCI	451	>NSD1-A167 VAYHANDFCI	6062	5611
>NSD1-A167 VAYHANDFCI	285	>NSD1-A167 VAYHANDFCI	20011	19726
>NSD1-A167 VAYHANDFCI	280	>NSD1-A167 VAYHANDFCI	9167	8887
>NSD1-A167 CLAAGSKI	95	>NSD1-A167 CLDAGSKI	1341	1246
>NSD1-A167 CLAAGSKIL	209	>NSD1-A167 CLDAGSKIL	1667	1458
>NSD1-A167 CLAAGSKILA	156	>NSD1-A167 CLDAGSKILA	777	621
>NSD1-A167 CLAAGSKI	23	>NSD1-A167 CLDAGSKI	986	963
>NSD1-A167 CLAAGSKIL	141	>NSD1-A167 CLDAGSKIL	3650	3509
>NSD1-A167 CLAAGSKI	325	>NSD1-A167 CLDAGSKI	130	195
>NSD1-A167 CLAAGSKI	1058	>NSD1-A167 CLDAGSKI	383	675
>NSD1-A167 CLAAGSKI	596	>NSD1-A167 CLDAGSKI	482	114
>NSD1-A167 CLAAGSKI	437	>NSD1-A167 CLDAGSKI	687	250
>NSD1-A167 CLAAGSKI	80	>NSD1-A167 CLDAGSKI	320	240
>NSD1-A167 CLAAGSKIL	109	>NSD1-A167 CLDAGSKIL	367	258
>NSD1-A167 CLAAGSKILA	97	>NSD1-A167 CLDAGSKILA	287	190
>NSD1-A167 CLAAGSKI	212	>NSD1-A167 CLDAGSKI	1323	1111
>NSD1-A167 FCLAAGSKI	287	>NSD1-A167 FCLDAGSKI	243	44

>NSD1-A167\FCLAAGSKI	322	>NSD1-A167\FCLDAGSKI	210	112
>NSD1-A167\NDFCLAAGSK	393	>NSD1-A167\NDFCLDAGSK	1383	990
>NSD1-A167\NDFCLAAGSK	311	>NSD1-A167\NDFCLDAGSK	579	268
>NSD1-A167\NDFCLAAGSK	311	>NSD1-A167\NDFCLDAGSK	623	312
>NSD1-A167\HANDFCLA	407	>NSD1-A167\HANDFCLD	17915	17508
>NSD1-A167\HANDFCLAA	407	>NSD1-A167\HANDFCLDA	6454	6047
>NSD1-A167\AYHANDFCL/	74	>NSD1-A167\AYHANDFCLI	3685	3611
>NSD1-A167\AYHANDFCL/	71	>NSD1-A167\AYHANDFCLI	359	288
>NSD1-A167\AYHANDFCL/	124	>NSD1-A167\AYHANDFCLI	3643	3519
>NSD1-A167\AYHANDFCL/	378	>NSD1-A167\AYHANDFCLI	10297	9919
>NSD1-P242\PPPEKVL	9650	>NSD1-P242\RPEKVL	93	9557
>NSD1-P242\PPPEKVL	1654	>NSD1-P242\RPEKVL	23	1631
>NSD1-P242\PPPEKVL	1929	>NSD1-P242\RPEKVL	37	1892
>NSD1-P242\PPPEKVL	2973	>NSD1-P242\RPEKVL	285	2688
>NSD1-P242\PHASLSQRLP	34737	>NSD1-P242\PHASLSQRLP	497	34240
>NSD1-P242\LPPPEKVL	1125	>NSD1-P242\LPRPEKVL	25	1100
>NSD1-P242\LPPPEKVL	696	>NSD1-P242\LPRPEKVL	24	672
>NSD1-P242\LPPPEKVL	469	>NSD1-P242\LPRPEKVL	507	38
>NSD1-P242\LPPPEKVL	468	>NSD1-P242\LPRPEKVL	105	363
>NSD1-P242\LPPPEKVL	66	>NSD1-P242\LPRPEKVL	26	40
>NSD1-P242\RLPPPEKV	95	>NSD1-P242\RLPRPEKV	197	102
>NSD1-P242\RLPPPEKVL	159	>NSD1-P242\RLPRPEKVL	331	172
>NSD1-P242\RLPPPEKV	4	>NSD1-P242\RLPRPEKV	7	3
>NSD1-P242\RLPPPEKVL	178	>NSD1-P242\RLPRPEKVL	400	222
>NSD1-P242\RLPPPEKVL	68	>NSD1-P242\RLPRPEKVL	131	63
>NSD1-P242\RLPPPEKV	141	>NSD1-P242\RLPRPEKV	274	133
>NSD1-P242\RLPPPEKV	21	>NSD1-P242\RLPRPEKV	36	15
>NSD1-P242\RLPPPEKVL	491	>NSD1-P242\RLPRPEKVL	1170	679
>NSD1-P242\RLPPPEKV	146	>NSD1-P242\RLPRPEKV	545	399
>NSD1-P242\RLPPPEKV	7	>NSD1-P242\RLPRPEKV	10	3
>NSD1-P242\RLPPPEKVL	60	>NSD1-P242\RLPRPEKVL	156	96
>NSD1-P242\RLPPPEKVL	32	>NSD1-P242\RLPRPEKVL	77	45
>NSD1-P242\RLPPPEKVL	200	>NSD1-P242\RLPRPEKVL	2031	1831
>NSD1-P242\QRLPPPEKVL	252	>NSD1-P242\QRLPRPEKVL	425	173
>NSD1-P242\QRLPPPEK	533	>NSD1-P242\QRLPRPEK	199	334
>NSD1-P242\QRLPPPEKV	1400	>NSD1-P242\QRLPRPEKV	400	1000
>NSD1-P242\QRLPPPEKVL	211	>NSD1-P242\QRLPRPEKVL	122	89
>NSD1-P242\QRLPPPEKVL	406	>NSD1-P242\QRLPRPEKVL	239	167
>NSD1-P242\QRLPPPEKVL	243	>NSD1-P242\QRLPRPEKVL	149	94
>NSD1-P242\SQRLPPPEK	11	>NSD1-P242\SQRLPRPEK	6	5
>NSD1-P242\SQRLPPPEKV	439	>NSD1-P242\SQRLPRPEKV	738	299
>NSD1-P242\SQRLPPPEKV	51	>NSD1-P242\SQRLPRPEKV	60	9
>NSD1-P242\LSQRLPPPEK	193	>NSD1-P242\LSQRLPRPEK	436	243

>NSD1-P242(LSQRLPPPEK	83	>NSD1-P242(LSQRLPRPEK	79	4
>NSD1-P242(SLSQRLPPPEI	610	>NSD1-P242(SLSQRLPRPEI	498	112
>NSD1-P242(SLSQRLPPPEI	84	>NSD1-P242(SLSQRLPRPEI	83	1
>NSD1-P242(SLSQRLPPPEI	54	>NSD1-P242(SLSQRLPRPEI	67	13
>NSD1-P242(SLSQRLPP	22283	>NSD1-P242(SLSQRLPR	118	22165
>NSD1-P242(SLSQRLPP	29597	>NSD1-P242(SLSQRLPR	72	29525
>NSD1-P242(ASLSQRLPP	16326	>NSD1-P242(ASLSQRLPR	47	16279
>NSD1-P242(ASLSQRLPP	992	>NSD1-P242(ASLSQRLPR	97	895
>NSD1-P242(ASLSQRLPP	16998	>NSD1-P242(ASLSQRLPR	15	16983
>NSD1-P242(ASLSQRLPP	8620	>NSD1-P242(ASLSQRLPR	178	8442
>NSD1-P242(ASLSQRLPP	36082	>NSD1-P242(ASLSQRLPR	320	35762
>NSD1-P242(HASLSQRLPP	25162	>NSD1-P242(HASLSQRLPR	61	25101
>NSD1-P242(HASLSQRLPP	30915	>NSD1-P242(HASLSQRLPR	307	30608
>NSD1-P242(HASLSQRLPP	33671	>NSD1-P242(HASLSQRLPR	32	33639
>NSD1-P242(HASLSQRLPP	33493	>NSD1-P242(HASLSQRLPR	179	33314
>NTRK1-A10' APDAFHFTPR	171	>NTRK1-A10' VPDAFHFTPR	149	22
>NTRK1-A10' APDAFHFTPR	214	>NTRK1-A10' VPDAFHFTPR	458	244
>NTRK1-A10' APDAFHFTPR	190	>NTRK1-A10' VPDAFHFTPR	532	342
>NTRK1-A10' APDAFHFTPR	735	>NTRK1-A10' VPDAFHFTPR	283	452
>NTRK1-A10' VAPDAFHFT	811	>NTRK1-A10' VVPDAFHFT	126	685
>NTRK1-A10' VAPDAFHFT	90	>NTRK1-A10' VVPDAFHFT	19	71
>NTRK1-A10' VAPDAFHFT	4751	>NTRK1-A10' VVPDAFHFT	308	4443
>NTRK1-A10' VAPDAFHFTF	3049	>NTRK1-A10' VVPDAFHFTF	291	2758
>NTRK1-A10' VAPDAFHFT	552	>NTRK1-A10' VVPDAFHFT	211	341
>NTRK1-A10' VAPDAFHFT	540	>NTRK1-A10' VVPDAFHFT	170	370
>NTRK1-A10' VAPDAFHFTF	93	>NTRK1-A10' VVPDAFHFTF	58	35
>NTRK1-A10' VAPDAFHFTF	525	>NTRK1-A10' VVPDAFHFTF	485	40
>NTRK1-A10' VAPDAFHFTF	273	>NTRK1-A10' VVPDAFHFTF	193	80
>NTRK1-A10' VAPDAFHFT	1967	>NTRK1-A10' VVPDAFHFT	396	1571
>NTRK1-A10' VAPDAFHFT	11	>NTRK1-A10' VVPDAFHFT	10	1
>NTRK1-A10' VAPDAFHFT	8	>NTRK1-A10' VVPDAFHFT	28	20
>NTRK1-A10' VAPDAFHFTF	46	>NTRK1-A10' VVPDAFHFTF	296	250
>NTRK1-A10' VAPDAFHFTF	132	>NTRK1-A10' VVPDAFHFTF	975	843
>NTRK1-A10' VAPDAFHFTF	123	>NTRK1-A10' VVPDAFHFTF	76	47
>NTRK1-A10' TIVKSGLRFV\	2526	>NTRK1-A10' TIVKSGLRFV\	224	2302
>NTRK1-A10' TIVKSGLRFV\	6505	>NTRK1-A10' TIVKSGLRFV\	66	6439
>NTRK1-A10' TIVKSGLRFV\	921	>NTRK1-A10' TIVKSGLRFV\	117	804
>NTRK1-A10' TIVKSGLRFV\	6127	>NTRK1-A10' TIVKSGLRFV\	330	5797
>NTRK1-A10' FVAPDAFHFT	381	>NTRK1-A10' FVVPDAFHFT	1876	1495
>NTRK1-A10' FVAPDAFHFT	158	>NTRK1-A10' FVVPDAFHFT	384	226
>NTRK1-A10' FVAPDAFHFT	343	>NTRK1-A10' FVVPDAFHFT	422	79
>NTRK1-A10' FVAPDAFHFT	10	>NTRK1-A10' FVVPDAFHFT	8	2
>NTRK1-A10' FVAPDAFHFT	67	>NTRK1-A10' FVVPDAFHFT	46	21

>NTRK1-A10' FVAPDAFHFT	253	>NTRK1-A10' FVVPDAFHFT	203	50
>NTRK1-A10' FVAPDAFHFT	373	>NTRK1-A10' FVVPDAFHFT	1510	1137
>NTRK1-A10' FVAPDAFHFT	410	>NTRK1-A10' FVVPDAFHFT	4478	4068
>NTRK1-A10' FVAPDAFHFT	52	>NTRK1-A10' FVVPDAFHFT	142	90
>NTRK1-A10' FVAPDAFHF	476	>NTRK1-A10' FVVPDAFHF	165	311
>NTRK1-A10' FVAPDAFHF	60	>NTRK1-A10' FVVPDAFHF	92	32
>NTRK1-A10' FVAPDAFH	1951	>NTRK1-A10' FVVPDAFH	440	1511
>NTRK1-A10' FVAPDAFHF	173	>NTRK1-A10' FVVPDAFHF	42	131
>NTRK1-A10' FVAPDAFH	361	>NTRK1-A10' FVVPDAFH	432	71
>NTRK1-A10' FVAPDAFHF	26	>NTRK1-A10' FVVPDAFHF	33	7
>NTRK1-A10' FVAPDAFH	237	>NTRK1-A10' FVVPDAFH	633	396
>NTRK1-A10' FVAPDAFHFT	336	>NTRK1-A10' FVVPDAFHFT	377	41
>NTRK1-A10' FVAPDAFHFT	137	>NTRK1-A10' FVVPDAFHFT	230	93
>NTRK1-A10' FVAPDAFHF	114	>NTRK1-A10' FVVPDAFHF	156	42
>NTRK1-A10' FVAPDAFHF	272	>NTRK1-A10' FVVPDAFHF	210	62
>NTRK1-A10' FVAPDAFHF	44	>NTRK1-A10' FVVPDAFHF	21	23
>NTRK1-A10' FVAPDAFHF	84	>NTRK1-A10' FVVPDAFHF	100	16
>NTRK1-A10' FVAPDAFHF	26	>NTRK1-A10' FVVPDAFHF	39	13
>NTRK1-A10' RFVAPDAF	150	>NTRK1-A10' RFVVPDAF	124	26
>NTRK1-A10' RFVAPDAFHF	18	>NTRK1-A10' RFVVPDAFHF	35	17
>NTRK1-A10' RFVAPDAFHF	142	>NTRK1-A10' RFVVPDAFHF	216	74
>NTRK1-A10' RFVAPDAF	22	>NTRK1-A10' RFVVPDAF	30	8
>NTRK1-A10' RFVAPDAFHF	13	>NTRK1-A10' RFVVPDAFHF	18	5
>NTRK1-A10' RFVAPDAFHF	489	>NTRK1-A10' RFVVPDAFHF	471	18
>NTRK1-A10' RFVAPDAFH	465	>NTRK1-A10' RFVVPDAFH	434	31
>NTRK1-A10' RFVAPDAFHF	154	>NTRK1-A10' RFVVPDAFHF	244	90
>NTRK1-A10' RFVAPDAF	360	>NTRK1-A10' RFVVPDAF	547	187
>NTRK1-A10' RFVAPDAFHF	270	>NTRK1-A10' RFVVPDAFHF	493	223
>NTRK1-A10' RFVAPDAFHF	214	>NTRK1-A10' RFVVPDAFHF	349	135
>NTRK1-A10' LRFVAPDAF	8	>NTRK1-A10' LRFVVPDAF	11	3
>NTRK1-A10' LRFVAPDAFH	11	>NTRK1-A10' LRFVVPDAFH	13	2
>NTRK1-A10' LRFVAPDAF	209	>NTRK1-A10' LRFVVPDAF	186	23
>NTRK1-A10' LRFVAPDAFH	484	>NTRK1-A10' LRFVVPDAFH	560	76
>NTRK1-A10' LRFVAPDAFH	61	>NTRK1-A10' LRFVVPDAFH	58	3
>NTRK1-A10' LRFVAPDA	330	>NTRK1-A10' LRFVVPDA	264	66
>NTRK1-A10' LRFVAPDAF	354	>NTRK1-A10' LRFVVPDAF	197	157
>NTRK1-A10' LRFVAPDAFH	365	>NTRK1-A10' LRFVVPDAFH	244	121
>NTRK1-A10' LRFVAPDAF	39	>NTRK1-A10' LRFVVPDAF	37	2
>NTRK1-A10' LRFVAPDAFH	61	>NTRK1-A10' LRFVVPDAFH	61	0
>NTRK1-A10' GLRFVAPDA	723	>NTRK1-A10' GLRFVVPDA	70	653
>NTRK1-A10' GLRFVAPDA	1212	>NTRK1-A10' GLRFVVPDA	339	873
>NTRK1-A10' GLRFVAPDA	503	>NTRK1-A10' GLRFVVPDA	215	288
>NTRK1-A10' GLRFVAPDAF	208	>NTRK1-A10' GLRFVVPDAF	179	29

>NTRK1-A10`GLRFVAPDAF	345	>NTRK1-A10`GLRFVVPDAF	340	5
>NTRK1-A10`SGLRFVAPDA	236	>NTRK1-A10`SGLRFVVPDA	218	18
>NTRK1-A10`IVKSGLRFVA	2389	>NTRK1-A10`IVKSGLRFVV	340	2049
>NTRK1-A10`IVKSGLRFVA	6269	>NTRK1-A10`IVKSGLRFVV	68	6201
>NTRK1-A10`IVKSGLRFVA	94	>NTRK1-A10`IVKSGLRFVV	173	79
>NTRK1-D77`DVHARLQAL	1314	>NTRK1-D77`EVHARLQAL	172	1142
>NTRK1-D77`DVHARLQAL	101	>NTRK1-D77`EVHARLQAL	17	84
>NTRK1-D77`DVHARLQAL	194	>NTRK1-D77`EVHARLQAL	45	149
>NTRK1-D77`DVHARLQA	2136	>NTRK1-D77`EVHARLQA	216	1920
>NTRK1-D77`DVHARLQAL	1364	>NTRK1-D77`EVHARLQAL	128	1236
>NTRK1-D77`DVHARLQAL	92	>NTRK1-D77`EVHARLQAL	41	51
>NTRK1-D77`KDVHARLQ	4363	>NTRK1-D77`KEVHARLQ	68	4295
>NTRK1-D77`KDVHARLQA	2797	>NTRK1-D77`KEVHARLQAL	314	2483
>NTRK1-D77`KDVHARLQA	13607	>NTRK1-D77`KEVHARLQAL	250	13357
>NTRK1-D77`KDVHARLQA	1059	>NTRK1-D77`KEVHARLQA	76	983
>NTRK1-D77`KDVHARLQA	15812	>NTRK1-D77`KEVHARLQAL	92	15720
>NTRK1-D77`KDVHARLQA	3064	>NTRK1-D77`KEVHARLQAL	299	2765
>NTRK1-D77`KDVHARLQA	26405	>NTRK1-D77`KEVHARLQA	498	25907
>NTRK1-D77`KDVHARLQA	21017	>NTRK1-D77`KEVHARLQAL	139	20878
>NTRK1-D77`KDVHARLQA	13917	>NTRK1-D77`KEVHARLQA	342	13575
>NTRK1-D77`KDVHARLQA	7980	>NTRK1-D77`KEVHARLQAL	90	7890
>NTRK1-D77`KDVHARLQA	12672	>NTRK1-D77`KEVHARLQAL	305	12367
>NTRK1-D77`IKDVHARLQA	699	>NTRK1-D77`IKEVHARLQA	363	336
>NTRK1-D77`SIKDVHARL	496	>NTRK1-D77`SIKEVHARL	727	231
>NTRK1-D77`SIKDVHARL	201	>NTRK1-D77`SIKEVHARL	193	8
>NTRK1-D77`SIKDVHARLQ	507	>NTRK1-D77`SIKEVHARLQ	495	12
>NTRK1-D77`SIKDVHARL	350	>NTRK1-D77`SIKEVHARL	194	156
>NTRK1-D77`SIKDVHARL	30	>NTRK1-D77`SIKEVHARL	88	58
>NTRK1-D77`SIKDVHARLQ	452	>NTRK1-D77`SIKEVHARLQ	1298	846
>NTRK1-D77`SIKDVHARL	229	>NTRK1-D77`SIKEVHARL	319	90
>NTRK1-D77`SIKDVHARLQ	35	>NTRK1-D77`SIKEVHARLQ	43	8
>NTRK1-D77`SIKDVHAR	16	>NTRK1-D77`SIKEVHAR	18	2
>NTRK1-D77`SIKDVHAR	117	>NTRK1-D77`SIKEVHAR	101	16
>NTRK1-D77`SIKDVHAR	56	>NTRK1-D77`SIKEVHAR	48	8
>NTRK1-D77`SIKDVHAR	254	>NTRK1-D77`SIKEVHAR	386	132
>NTRK1-D77`HSIKDVHARL	55	>NTRK1-D77`HSIKEVHARL	88	33
>NTRK1-D77`HSIKDVHAR	41	>NTRK1-D77`HSIKEVHAR	50	9
>NTRK1-D77`HSIKDVHAR	472	>NTRK1-D77`HSIKEVHAR	497	25
>NTRK1-D77`HSIKDVHAR	12	>NTRK1-D77`HSIKEVHAR	12	0
>NTRK1-D77`HSIKDVHARL	13	>NTRK1-D77`HSIKEVHARL	12	1
>NTRK1-D77`HSIKDVHAR	345	>NTRK1-D77`HSIKEVHAR	451	106
>NTRK1-D77`HSIKDVHAR	234	>NTRK1-D77`HSIKEVHAR	111	123
>NTRK1-D77`RHSIKDVHAR	481	>NTRK1-D77`RHSIKEVHAR	282	199

>NTRK1-D77 RHSIKDVHAR	166	>NTRK1-D77 RHSIKEVHAR	189	23
>NTRK1-D77 QRHSIKDVHA	265	>NTRK1-D77 QRHSIKEVHA	255	10
>NTRK1-D77 QRHSIKDVHA	528	>NTRK1-D77 QRHSIKEVHA	378	150
>NTRK1-D77 QQRHSIKDV	943	>NTRK1-D77 QQRHSIKEV	294	649
>NTRK1-D77 QQRHSIKDVF	603	>NTRK1-D77 QQRHSIKEVF	487	116
>NTRK1-D77 QQRHSIKDV	18	>NTRK1-D77 QQRHSIKEV	12	6
>NTRK1-D77 QQRHSIKDVF	239	>NTRK1-D77 QQRHSIKEVF	119	120
>NTRK1-D77 QQRHSIKDVF	218	>NTRK1-D77 QQRHSIKEVF	152	66
>NTRK1-D77 EPQQRHSIKD	484	>NTRK1-D77 EPQQRHSIKE	442	42
>NTRK1-G36:GQASASIMA/	133	>NTRK1-G36:CQASASIMA/	296	163
>NTRK1-G36:GQASASIMA/	205	>NTRK1-G36:CQASASIMA/	339	134
>NTRK1-G36:GQASASIMA	114	>NTRK1-G36:CQASASIMA	259	145
>NTRK1-G36:GQASASIMA/	456	>NTRK1-G36:CQASASIMA/	442	14
>NTRK1-G36:GQASASIMA/	129	>NTRK1-G36:CQASASIMA/	240	111
>NTRK1-G36:GQASASIM	96	>NTRK1-G36:CQASASIM	256	160
>NTRK1-G36:GQASASIMA/	229	>NTRK1-G36:CQASASIMA/	738	509
>NTRK1-G36:GQASASIMA/	30	>NTRK1-G36:CQASASIMA/	42	12
>NTRK1-G36:GQASASIMA/	317	>NTRK1-G36:CQASASIMA/	738	421
>NTRK1-G36:GQASASIM	30	>NTRK1-G36:CQASASIM	25	5
>NTRK1-G36:GQASASIMA/	223	>NTRK1-G36:CQASASIMA/	134	89
>NTRK1-G36:GQASASIMA/	5	>NTRK1-G36:CQASASIMA/	4	1
>NTRK1-G36:GQASASIMA/	1733	>NTRK1-G36:CQASASIMA/	324	1409
>NTRK1-G36:GQASASIM	383	>NTRK1-G36:CQASASIM	241	142
>NTRK1-G36:FGQASASIM	293	>NTRK1-G36:FCQASASIM	1522	1229
>NTRK1-G36:FGQASASIM	714	>NTRK1-G36:FCQASASIM	478	236
>NTRK1-G36:FGQASASIM	26	>NTRK1-G36:FCQASASIM	18	8
>NTRK1-G36:FGQASASI	185	>NTRK1-G36:FCQASASI	363	178
>NTRK1-G36:NPFQASASI	100	>NTRK1-G36:NPFCQASASI	179	79
>NTRK1-G36:NPFQASASI	61	>NTRK1-G36:NPFCQASASI	113	52
>NTRK1-G36:NPFQASASI	842	>NTRK1-G36:NPFCQASASI	389	453
>NTRK1-G36:NPFQASASI	773	>NTRK1-G36:NPFCQASASI	432	341
>NTRK1-G36:NPFQASASI	66	>NTRK1-G36:NPFCQASASI	96	30
>NTRK1-G36:NPFQQASA	666	>NTRK1-G36:NPFCQASA	371	295
>NTRK1-G36:NPFQASAS	76	>NTRK1-G36:NPFCQASAS	55	21
>NTRK1-G36:NPFQASASI	18	>NTRK1-G36:NPFCQASASI	15	3
>NTRK1-G36:NPFQASASI	89	>NTRK1-G36:NPFCQASASI	296	207
>NTRK1-G36:NPFQASASI	33	>NTRK1-G36:NPFCQASASI	94	61
>NTRK1-G36:NPFQASASI	450	>NTRK1-G36:NPFCQASASI	728	278
>NTRK1-G36:NPFQQASA	88	>NTRK1-G36:NPFCQASA	90	2
>NTRK1-G36:NPFQASASI	109	>NTRK1-G36:NPFCQASASI	98	11
>NTRK1-G36:ANPFGQASA/	391	>NTRK1-G36:ANPFCQASA/	352	39
>NTRK1-G36:LAANPFGQA	374	>NTRK1-G36:LAANPFCQA	515	141
>NTRK1-G36:LAANPFGQA/	236	>NTRK1-G36:LAANPFCQA/	196	40

>NTRK1-G36: LAANPFGQA	30	>NTRK1-G36: LAANPFCQA	24	6
>NTRK1-G36: LAANPFGQA	181	>NTRK1-G36: LAANPFCQA	78	103
>NTRK1-G36: LLAANPFG	228	>NTRK1-G36: LLAANPFC	281	53
>NTRK1-G36: LLAANPFGQ	124	>NTRK1-G36: LLAANPFCQ	250	126
>NTRK1-G36: LLAANPFGQ	136	>NTRK1-G36: LLAANPFCQ	73	63
>NTRK1-G36: LLAANPFGQ	195	>NTRK1-G36: LLAANPFCQ	148	47
>NTRK1-G36: LLAANPFGQ	50	>NTRK1-G36: LLAANPFCQ	57	7
>NTRK1-G36: LLAANPFG	1000	>NTRK1-G36: LLAANPFC	35	965
>NTRK1-G36: LLAANPFGQ	144	>NTRK1-G36: LLAANPFCQ	890	746
>NTRK1-G36: LLAANPFGQ	21	>NTRK1-G36: LLAANPFCQ	9	12
>NTRK1-G36: LLAANPFGQ	307	>NTRK1-G36: LLAANPFCQ	808	501
>NTRK1-G36: LLAANPFG	6937	>NTRK1-G36: LLAANPFC	355	6582
>NTRK1-G36: LLAANPFGQ	452	>NTRK1-G36: LLAANPFCQ	102	350
>NTRK1-G36: LLAANPFG	2338	>NTRK1-G36: LLAANPFC	199	2139
>NTRK1-G36: LLAANPFGQ	134	>NTRK1-G36: LLAANPFCQ	22	112
>NTRK1-G36: LLAANPFG	12180	>NTRK1-G36: LLAANPFC	69	12111
>NTRK1-G36: LLAANPFGQ	206	>NTRK1-G36: LLAANPFCQ	24	182
>NTRK1-G36: LLAANPFG	1233	>NTRK1-G36: LLAANPFC	11	1222
>NTRK1-G36: LLAANPFGQ	14	>NTRK1-G36: LLAANPFCQ	60	46
>NTRK1-G36: LLAANPFGQ	8	>NTRK1-G36: LLAANPFCQ	4	4
>NTRK1-G36: LLAANPFGQ	249	>NTRK1-G36: LLAANPFCQ	312	63
>NTRK1-G36: TLLAANPFGC	495	>NTRK1-G36: TLLAANPFCQ	117	378
>NTRK1-G36: TLLAANPFGC	810	>NTRK1-G36: TLLAANPFCQ	438	372
>NTRK1-G36: TLLAANPFGC	244	>NTRK1-G36: TLLAANPFCQ	345	101
>NTRK1-G36: TLLAANPFG	2476	>NTRK1-G36: TLLAANPFC	285	2191
>NTRK1-G36: TLLAANPFGC	208	>NTRK1-G36: TLLAANPFCQ	57	151
>NTRK1-G36: TLLAANPFG	2702	>NTRK1-G36: TLLAANPFC	107	2595
>NTRK1-G36: TLLAANPFGC	73	>NTRK1-G36: TLLAANPFCQ	20	53
>NTRK1-G36: TLLAANPFGC	1585	>NTRK1-G36: TLLAANPFCQ	317	1268
>NTRK1-G36: TLLAANPFG	1347	>NTRK1-G36: TLLAANPFC	104	1243
>NTRK1-G36: TLLAANPFGC	115	>NTRK1-G36: TLLAANPFCQ	19	96
>NTRK1-G36: TLLAANPFG	11850	>NTRK1-G36: TLLAANPFC	75	11775
>NTRK1-G36: TLLAANPFGC	395	>NTRK1-G36: TLLAANPFCQ	50	345
>NTRK1-G36: TLLAANPFG	7300	>NTRK1-G36: TLLAANPFC	84	7216
>NTRK1-G36: TLLAANPFGC	180	>NTRK1-G36: TLLAANPFCQ	497	317
>NTRK1-G36: TLLAANPFGC	56	>NTRK1-G36: TLLAANPFCQ	11	45
>NTRK1-G36: TLLAANPFGC	202	>NTRK1-G36: TLLAANPFCQ	115	87
>NTRK1-G36: YLLAANPFG	445	>NTRK1-G36: YLLAANPFC	3624	3179
>NTRK1-M37MAAFMDNPI	307	>NTRK1-M37IAAFMDNPF	474	167
>NTRK1-M37MAAFMDNPI	326	>NTRK1-M37IAAFMDNPF	1035	709
>NTRK1-M37MAAFMDNPI	423	>NTRK1-M37IAAFMDNPF	2654	2231
>NTRK1-M37MAAFMDNPI	276	>NTRK1-M37IAAFMDNPF	9144	8868
>NTRK1-M37MAAFMDNPI	85	>NTRK1-M37IAAFMDNPF	160	75



>NTRK1-M37MAAFMDNPI	175	>NTRK1-M37IAAFMDNPF	219	44
>NTRK1-M37MAAFMDNPI	179	>NTRK1-M37IAAFMDNPFE	226	47
>NTRK1-M37MAAFMDNPI	37	>NTRK1-M37IAAFMDNPF	55	18
>NTRK1-M37MAAFMDNPI	16	>NTRK1-M37IAAFMDNPFE	21	5
>NTRK1-M37MAAFMDNPI	6	>NTRK1-M37IAAFMDNPF	12	6
>NTRK1-M37MAAFMDNPI	8	>NTRK1-M37IAAFMDNPFE	24	16
>NTRK1-M37MAAFMDNPI	129	>NTRK1-M37IAAFMDNPFE	467	338
>NTRK1-M37MAAFMDNPI	198	>NTRK1-M37IAAFMDNPF	496	298
>NTRK1-M37MAAFMDNPI	33	>NTRK1-M37IAAFMDNPFE	55	22
>NTRK1-M37MAAFMDNPI	361	>NTRK1-M37IAAFMDNPF	1204	843
>NTRK1-M37MAAFMDNPI	138	>NTRK1-M37IAAFMDNPF	3703	3565
>NTRK1-M37MAAFMDNPI	229	>NTRK1-M37IAAFMDNPFE	5239	5010
>NTRK1-M37IMAAFMDNPF	76	>NTRK1-M37IIAAFMDNPF	759	683
>NTRK1-M37IMAAFMDNPF	346	>NTRK1-M37IIAAFMDNPF	2682	2336
>NTRK1-M37IMAAFMDNPF	1864	>NTRK1-M37IIAAFMDNPF	335	1529
>NTRK1-M37IMAAFMDNPF	234	>NTRK1-M37IIAAFMDNPF	1159	925
>NTRK1-M37IMAAFMDNPF	165	>NTRK1-M37IIAAFMDNPF	341	176
>NTRK1-M37IMAAFMDNPF	41	>NTRK1-M37IIAAFMDNPF	124	83
>NTRK1-M37IMAAFMDNPF	57	>NTRK1-M37IIAAFMDNPF	371	314
>NTRK1-M37IMAAFMDNPF	8	>NTRK1-M37IIAAFMDNPF	159	151
>NTRK1-M37IMAAFMDNPF	450	>NTRK1-M37IIAAFMDNPF	1587	1137
>NTRK1-M37IMAAFMDNPF	1652	>NTRK1-M37IIAAFMDNPF	246	1406
>NTRK1-M37NPFQASASI	61	>NTRK1-M37NPFQASASI	317	256
>NTRK1-M37NPFQASASI	66	>NTRK1-M37NPFQASASI	390	324
>NTRK1-M37NPFQASASI	18	>NTRK1-M37NPFQASASI	511	493
>NTRK1-M37NPFQASASI	33	>NTRK1-M37NPFQASASI	76	43
>NTRK1-M37NPFQASASI	450	>NTRK1-M37NPFQASASI	249	201
>NTRK1-M37NPFQASASI	109	>NTRK1-M37NPFQASASI	1734	1625
>NTRK1-M37SIMAAFMDN	387	>NTRK1-M37SIIAAFMDNPF	450	63
>NTRK1-M37SIMAAFMDN	134	>NTRK1-M37SIIAAFMDNPF	247	113
>NTRK1-M37SIMAAFMDN	324	>NTRK1-M37SIIAAFMDNPF	39	285
>NTRK1-M37SIMAAFMDN	54	>NTRK1-M37SIIAAFMDNPF	226	172
>NTRK1-M37SIMAAFMDN	35	>NTRK1-M37SIIAAFMDNPF	35	0
>NTRK1-M37SIMAAFMDN	174	>NTRK1-M37SIIAAFMDNPF	408	234
>NTRK1-M37SIMAAFMDN	78	>NTRK1-M37SIIAAFMDNPF	153	75
>NTRK1-M37SIMAAFMDN	229	>NTRK1-M37SIIAAFMDNPF	272	43
>NTRK1-M37SIMAAFMDN	510	>NTRK1-M37SIIAAFMDNPF	242	268
>NTRK1-M37ASIMAAFMDN	262	>NTRK1-M37ASIIAAFMDNPF	576	314
>NTRK1-M37ASIMAAFMDN	279	>NTRK1-M37ASIIAAFMDNPF	493	214
>NTRK1-M37ASIMAAFMDN	26	>NTRK1-M37ASIIAAFMDNPF	58	32
>NTRK1-M37ASIMAAFMDN	5	>NTRK1-M37ASIIAAFMDNPF	5	0
>NTRK1-M37ASIMAAFMDN	488	>NTRK1-M37ASIIAAFMDNPF	608	120
>NTRK1-M37ASIMAAFMDN	172	>NTRK1-M37ASIIAAFMDNPF	131	41

>NTRK1-M37SASIMAAF	474	>NTRK1-M37SASIIAAF	5860	5386
>NTRK1-M37SASIMAAF	2924	>NTRK1-M37SASIIAAF	406	2518
>NTRK1-M37SASIMAAF	288	>NTRK1-M37SASIIAAF	362	74
>NTRK1-M37SASIMAAF	295	>NTRK1-M37SASIIAAF	239	56
>NTRK1-M37SASIMAAF	13	>NTRK1-M37SASIIAAF	30	17
>NTRK1-M37SASIMAAF	28	>NTRK1-M37SASIIAAF	84	56
>NTRK1-M37SASIMAAF	101	>NTRK1-M37SASIIAAF	102	1
>NTRK1-M37SASIMAAF	106	>NTRK1-M37SASIIAAF	92	14
>NTRK1-M37SASIMAAF	85	>NTRK1-M37SASIIAAF	59	26
>NTRK1-M37ASASIMAA	494	>NTRK1-M37ASASIIAA	603	109
>NTRK1-M37ASASIMAAF	5	>NTRK1-M37ASASIIAAF	15	10
>NTRK1-M37ASASIMAAF	21	>NTRK1-M37ASASIIAAF	33	12
>NTRK1-M37ASASIMAAF	281	>NTRK1-M37ASASIIAAF	574	293
>NTRK1-M37ASASIMAAF	107	>NTRK1-M37ASASIIAAF	65	42
>NTRK1-M37ASASIMAA	216	>NTRK1-M37ASASIIAA	495	279
>NTRK1-M37ASASIMAAF	60	>NTRK1-M37ASASIIAAF	52	8
>NTRK1-M37ASASIMAAF	17	>NTRK1-M37ASASIIAAF	13	4
>NTRK1-M37ASASIMAAF	4	>NTRK1-M37ASASIIAAF	6	2
>NTRK1-M37ASASIMAAF	9	>NTRK1-M37ASASIIAAF	16	7
>NTRK1-M37ASASIMAAF	591	>NTRK1-M37ASASIIAAF	400	191
>NTRK1-M37ASASIMAAF	223	>NTRK1-M37ASASIIAAF	1233	1010
>NTRK1-M37ASASIMAAF	333	>NTRK1-M37ASASIIAAF	186	147
>NTRK1-M37ASASIMAAF	635	>NTRK1-M37ASASIIAAF	473	162
>NTRK1-M37ASASIMAAF	34	>NTRK1-M37ASASIIAAF	26	8
>NTRK1-M37ASASIMAAF	11	>NTRK1-M37ASASIIAAF	10	1
>NTRK1-M37ASASIMAAF	14	>NTRK1-M37ASASIIAAF	33	19
>NTRK1-M37ASASIMAAF	22	>NTRK1-M37ASASIIAAF	24	2
>NTRK1-M37ASASIMAAF	112	>NTRK1-M37ASASIIAAF	72	40
>NTRK1-M37QASASIMAA	96	>NTRK1-M37QASASIIAA	334	238
>NTRK1-M37QASASIMAAF	612	>NTRK1-M37QASASIIAAF	437	175
>NTRK1-M37QASASIMAAF	106	>NTRK1-M37QASASIIAAF	106	0
>NTRK1-M37QASASIMAAF	24	>NTRK1-M37QASASIIAAF	22	2
>NTRK1-M37QASASIMAAF	13	>NTRK1-M37QASASIIAAF	22	9
>NTRK1-M37QASASIMAAF	34	>NTRK1-M37QASASIIAAF	53	19
>NTRK1-M37QASASIMAAF	231	>NTRK1-M37QASASIIAAF	190	41
>NTRK1-M37QASASIMAAF	392	>NTRK1-M37QASASIIAAF	483	91
>NTRK1-M37QASASIMAAF	250	>NTRK1-M37QASASIIAAF	200	50
>NTRK1-M37QASASIMAAF	167	>NTRK1-M37QASASIIAAF	121	46
>NTRK1-M37GQASASIMAA	133	>NTRK1-M37GQASASIIAA	268	135
>NTRK1-M37GQASASIM	3756	>NTRK1-M37GQASASII	307	3449
>NTRK1-M37GQASASIMAA	205	>NTRK1-M37GQASASIIAA	469	264
>NTRK1-M37GQASASIM	1344	>NTRK1-M37GQASASII	255	1089
>NTRK1-M37GQASASIMAA	114	>NTRK1-M37GQASASIIAA	284	170

>NTRK1-M37GQASASIMA/	456	>NTRK1-M37GQASASIAAA	734	278
>NTRK1-M37GQASASIMA/	129	>NTRK1-M37GQASASIAAAI	137	8
>NTRK1-M37GQASASIM	96	>NTRK1-M37GQASASII	1123	1027
>NTRK1-M37GQASASIMA/	229	>NTRK1-M37GQASASIAAA	338	109
>NTRK1-M37GQASASIMA/	30	>NTRK1-M37GQASASIAAAI	30	0
>NTRK1-M37GQASASIMA/	317	>NTRK1-M37GQASASIAAAI	324	7
>NTRK1-M37GQASASIM	30	>NTRK1-M37GQASASII	89	59
>NTRK1-M37GQASASIMA/	223	>NTRK1-M37GQASASIAAA	412	189
>NTRK1-M37GQASASIMA/	5	>NTRK1-M37GQASASIAAAI	4	1
>NTRK1-M37GQASASIM	383	>NTRK1-M37GQASASII	1262	879
>NTRK1-M37FGQASASIM	293	>NTRK1-M37FGQASASII	2961	2668
>NTRK1-M37FGQASASIM	26	>NTRK1-M37FGQASASII	445	419
>NTRK1-M37FGQASASIM	6035	>NTRK1-M37FGQASASII	157	5878
>NTRK1-R11!RLNLSFNA	490	>NTRK1-R11!HLNLSFNA	1057	567
>NTRK1-R11!RLNLSFNA	56	>NTRK1-R11!HLNLSFNA	40	16
>NTRK1-R11!RLNLSFNAL	11	>NTRK1-R11!HLNLSFNAL	11	0
>NTRK1-R11!RLNLSFNA	23	>NTRK1-R11!HLNLSFNA	54	31
>NTRK1-R11!RLNLSFNAL	17	>NTRK1-R11!HLNLSFNAL	42	25
>NTRK1-R11!RLNLSFNAL	214	>NTRK1-R11!HLNLSFNAL	440	226
>NTRK1-R11!RLNLSFNA	187	>NTRK1-R11!HLNLSFNA	823	636
>NTRK1-R11!RLNLSFNAL	161	>NTRK1-R11!HLNLSFNAL	738	577
>NTRK1-R11!RLNLSFNA	259	>NTRK1-R11!HLNLSFNA	319	60
>NTRK1-R11!RLNLSFNAL	55	>NTRK1-R11!HLNLSFNAL	65	10
>NTRK1-R11!RLNLSFNA	201	>NTRK1-R11!HLNLSFNA	437	236
>NTRK1-R11!RLNLSFNA	79	>NTRK1-R11!HLNLSFNA	76	3
>NTRK1-R11!RLNLSFNAL	75	>NTRK1-R11!HLNLSFNAL	75	0
>NTRK1-R11!RLNLSFNAL	256	>NTRK1-R11!HLNLSFNAL	2525	2269
>NTRK1-R11!RLNLSFNAL	440	>NTRK1-R11!HLNLSFNAL	390	50
>NTRK1-R11!RLNLSFNAL	220	>NTRK1-R11!HLNLSFNAL	756	536
>NTRK1-R11!RLNLSFNAL	72	>NTRK1-R11!HLNLSFNAL	308	236
>NTRK1-R11!RLNLSFNAL	2926	>NTRK1-R11!HLNLSFNAL	251	2675
>NTRK1-R11!SRLNLSFNAL	101	>NTRK1-R11!SHLNLSFNAL	200	99
>NTRK1-R11!SRLNLSFNA	191	>NTRK1-R11!SHLNLSFNA	18997	18806
>NTRK1-R11!SRLNLSFNAL	30	>NTRK1-R11!SHLNLSFNAL	3403	3373
>NTRK1-R11!SRLNLSFNAL	30	>NTRK1-R11!SHLNLSFNAL	14	16
>NTRK1-R11!SRLNLSFNAL	299	>NTRK1-R11!SHLNLSFNAL	21707	21408
>NTRK1-R11!SRLNLSFNAL	162	>NTRK1-R11!SHLNLSFNAL	19826	19664
>NTRK1-R11!DAFHFTPRLS	16	>NTRK1-R11!DAFHFTPRLS	5713	5697
>NTRK1-R11!DAFHFTPRLS	7	>NTRK1-R11!DAFHFTPRLS	1227	1220
>NTRK1-R11!DAFHFTPRLS	297	>NTRK1-R11!DAFHFTPRLS	27988	27691
>NTRK1-R11!LSRLNLSFNAI	2860	>NTRK1-R11!LSHLNLSFNAI	197	2663
>NTRK1-R11!LSRLNLSFNAI	719	>NTRK1-R11!LSHLNLSFNAI	278	441
>NTRK1-R11!LSRLNLSFN	374	>NTRK1-R11!LSHLNLSFN	3347	2973

>NTRK1-R11!LSRLNLSFNA	19	>NTRK1-R11!LSHLNLSFNA	146	127
>NTRK1-R11!LSRLNLSFNAI	42	>NTRK1-R11!LSHLNLSFNAI	486	444
>NTRK1-R11!LSRLNLSF	60	>NTRK1-R11!LSHLNLSF	90	30
>NTRK1-R11!LSRLNLSF	15	>NTRK1-R11!LSHLNLSF	28	13
>NTRK1-R11!LSRLNLSFNAI	154	>NTRK1-R11!LSHLNLSFNAI	293	139
>NTRK1-R11!LSRLNLSF	3	>NTRK1-R11!LSHLNLSF	4	1
>NTRK1-R11!LSRLNLSFNAI	22	>NTRK1-R11!LSHLNLSFNAI	85	63
>NTRK1-R11!LSRLNLSF	1118	>NTRK1-R11!LSHLNLSF	197	921
>NTRK1-R11!LSRLNLSF	183	>NTRK1-R11!LSHLNLSF	173	10
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>NTRK1-R11!LSRLNLSFNAI	156	>NTRK1-R11!LSHLNLSFNAI	1162	1006
>NTRK1-R11!RLSRLNLSFN/	185	>NTRK1-R11!RLSHLNLSFN/	96	89
>NTRK1-R11!RLSRLNLS	852	>NTRK1-R11!RLSHLNLS	421	431
>NTRK1-R11!RLSRLNLSFN/	33	>NTRK1-R11!RLSHLNLSFN/	19	14
>NTRK1-R11!RLSRLNLSFN/	52	>NTRK1-R11!RLSHLNLSFN/	25	27
>NTRK1-R11!RLSRLNLSFN/	508	>NTRK1-R11!RLSHLNLSFN/	293	215
>NTRK1-R11!RLSRLNLSFN/	146	>NTRK1-R11!RLSHLNLSFN/	175	29
>NTRK1-R11!RLSRLNLSFN/	265	>NTRK1-R11!RLSHLNLSFN/	173	92
>NTRK1-R11!RLSRLNLSFN/	129	>NTRK1-R11!RLSHLNLSFN/	105	24
>NTRK1-R11!RLSRLNLSFN/	36	>NTRK1-R11!RLSHLNLSFN/	73	37
>NTRK1-R11!RLSRLNLSFN/	312	>NTRK1-R11!RLSHLNLSFN/	551	239
>NTRK1-R11!RLSRLNLSF	14	>NTRK1-R11!RLSHLNLSF	10	4
>NTRK1-R11!RLSRLNLSF	39	>NTRK1-R11!RLSHLNLSF	30	9
>NTRK1-R11!RLSRLNLSF	17	>NTRK1-R11!RLSHLNLSF	10	7
>NTRK1-R11!RLSRLNLSF	296	>NTRK1-R11!RLSHLNLSF	49	247
>NTRK1-R11!RLSRLNLSF	64	>NTRK1-R11!RLSHLNLSF	92	28
>NTRK1-R11!RLSRLNLSF	375	>NTRK1-R11!RLSHLNLSF	416	41
>NTRK1-R11!PRLSRLNLSF	123	>NTRK1-R11!PRLSHLNLSF	70	53
>NTRK1-R11!TPRLSRLNL	12	>NTRK1-R11!TPRLSHLNL	14	2
>NTRK1-R11!TPRLSRLNLSF	13	>NTRK1-R11!TPRLSHLNLSF	16	3
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>NTRK1-R11!TPRLSRLNLSF	294	>NTRK1-R11!TPRLSHLNLSF	194	100
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>NTRK1-R11!FTPRLSRL	148	>NTRK1-R11!FTPRLSHL	181	33
>NTRK1-R11!FTPRLSRL	315	>NTRK1-R11!FTPRLSHL	134	181
>NTRK1-R11!FTPRLSRLNL	450	>NTRK1-R11!FTPRLSHLNL	349	101
>NTRK1-R11!FTPRLSRL	583	>NTRK1-R11!FTPRLSHL	378	205
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>NTRK1-R11!FTPRLSRL	84	>NTRK1-R11!FTPRLSHL	37	47
>NTRK1-R11!FTPRLSRLNL	214	>NTRK1-R11!FTPRLSHLNL	161	53
>NTRK1-R11!FTPRLSRLNLS	1437	>NTRK1-R11!FTPRLSHLNLS	440	997

>NTRK1-R11!FTPRLSRLNL	1143	>NTRK1-R11!FTPRLSHLNL	451	692
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>NTRK1-R11!FTPRLSRLN	109	>NTRK1-R11!FTPRLSHLN	24	85
>NTRK1-R11!FTPRLSRLNL	4	>NTRK1-R11!FTPRLSHLNL	2	2
>NTRK1-R11!FTPRLSRLNLS	17	>NTRK1-R11!FTPRLSHLNL	8	9
>NTRK1-R11!FTPRLSRLNL	145	>NTRK1-R11!FTPRLSHLNL	134	11
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>NTRK1-R11!HFTPRLSRL	373	>NTRK1-R11!HFTPRLSHL	117	256
>NTRK1-R11!HFTPRLSRL	178	>NTRK1-R11!HFTPRLSHL	77	101
>NTRK1-R11!HFTPRLSRLNI	178	>NTRK1-R11!HFTPRLSHLN	132	46
>NTRK1-R11!HFTPRLSR	23	>NTRK1-R11!HFTPRLSH	5052	5029
>NTRK1-R11!HFTPRLSR	18	>NTRK1-R11!HFTPRLSH	7809	7791
>NTRK1-R11!HFTPRLSR	372	>NTRK1-R11!HFTPRLSH	21246	20874
>NTRK1-R11!HFTPRLSR	40	>NTRK1-R11!HFTPRLSH	15434	15394
>NTRK1-R11!HFTPRLSRL	992	>NTRK1-R11!HFTPRLSHL	424	568
>NTRK1-R11!HFTPRLSRLNI	753	>NTRK1-R11!HFTPRLSHLN	448	305
>NTRK1-R11!FHFTPRLSR	99	>NTRK1-R11!FHFTPRLSH	77	22
>NTRK1-R11!FHFTPRLSRL	68	>NTRK1-R11!FHFTPRLSHL	22	46
>NTRK1-R11!FHFTPRLSRL	416	>NTRK1-R11!FHFTPRLSHL	334	82
>NTRK1-R11!FHFTPRLSRL	26	>NTRK1-R11!FHFTPRLSHL	33	7
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>NTRK1-R11!AFHFTPRLSR	334	>NTRK1-R11!AFHFTPRLSH	26233	25899
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>NTRK1-R11!AFHFTPRLSRI	592	>NTRK1-R11!AFHFTPRLSH	295	297
>NTRK1-R64!RDLATRNCV	1572	>NTRK1-R64!WDLATRNCV	295	1277
>NTRK1-R64!RDLATRNCV	1881	>NTRK1-R64!WDLATRNCV	178	1703
>NTRK1-R64!RDLATRNCV	285	>NTRK1-R64!WDLATRNCV	333	48
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>NTRK1-R64!HRDLATRNCI	41	>NTRK1-R64!HWDLATRNC	2753	2712
>NTRK1-R64!HRDLATRNCI	395	>NTRK1-R64!HWDLATRNC	12701	12306
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>NTRK1-R64!VYLAGLHFVH	596	>NTRK1-R64!VYLAGLHFVH	21	575
>NTRK1-R64!VYLAGLHFVH	3571	>NTRK1-R64!VYLAGLHFVH	84	3487
>NTRK1-R64!VYLAGLHFVH	292	>NTRK1-R64!VYLAGLHFVH	6	286
>NTRK1-R64!VYLAGLHFVH	13	>NTRK1-R64!VYLAGLHFVH	10872	10859
>NTRK1-R64!VYLAGLHFVH	28	>NTRK1-R64!VYLAGLHFVH	18639	18611
>NTRK1-R64!VYLAGLHFVH	31832	>NTRK1-R64!VYLAGLHFVH	422	31410
>NTRK1-R64!VYLAGLHFVH	20	>NTRK1-R64!VYLAGLHFVH	5504	5484

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>NTRK1-R64!VHRDLATR	2401	>NTRK1-R64!VHWDLATR	238	2163
>NTRK1-R64!FVHRDLAT	562	>NTRK1-R64!FVHWDLAT	156	406
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>NTRK1-R64!HFVHRDLATF	32	>NTRK1-R64!HFVHWDLAT	25	7
>NTRK1-R64!HFVHRDLA	1124	>NTRK1-R64!HFVHWDLA	418	706
>NTRK1-R64!LHFVHRDL	331	>NTRK1-R64!LHFVHWDL	349	18
>NTRK1-R64!LHFVHRDL	1807	>NTRK1-R64!LHFVHWDL	304	1503
>NTRK1-R64!LHFVHRDL	1464	>NTRK1-R64!LHFVHWDL	189	1275
>NTRK1-R64!LHFVHRDLA	300	>NTRK1-R64!LHFVHWDLA	115	185
>NTRK1-R64!LHFVHRDLAT	284	>NTRK1-R64!LHFVHWDLA	155	129
>NTRK1-R64!GLHFVHRDL	1873	>NTRK1-R64!GLHFVHWDL	71	1802
>NTRK1-R64!GLHFVHRDL	892	>NTRK1-R64!GLHFVHWDL	333	559
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>NTRK1-R64!GLHFVHRDL	4434	>NTRK1-R64!GLHFVHWDL	55	4379
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>NTRK1-R64!GLHFVHRDLA	3381	>NTRK1-R64!GLHFVHWDL	241	3140
>NTRK1-R64!GLHFVHRDL	716	>NTRK1-R64!GLHFVHWDL	7	709
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>NTRK1-R64!AGLHFVHR	59	>NTRK1-R64!AGLHFVHW	20350	20291
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>NTRK1-R64!LAGLHFVHR	27	>NTRK1-R64!LAGLHFVHW	16856	16829
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>NTRK1-R64!LAGLHFVHR	494	>NTRK1-R64!LAGLHFVHW	33785	33291
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>NTRK1-R64!LAGLHFVHR	24414	>NTRK1-R64!LAGLHFVHW	370	24044
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>NTRK1-R64!LAGLHFVHR	28102	>NTRK1-R64!LAGLHFVHW	36	28066
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>NTRK1-R64!YLAGLHFVHR	88	>NTRK1-R64!YLAGLHFVHV	38	50
>NTRK1-R64!YLAGLHFVHR	244	>NTRK1-R64!YLAGLHFVHV	242	2
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>NTRK1-R64!YLAGLHFVHR	57	>NTRK1-R64!YLAGLHFVHV	38	19
>NTRK1-R64!YLAGLHFVHR	135	>NTRK1-R64!YLAGLHFVHV	22650	22515
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>NTRK1-R64!YLAGLHFVHR	21868	>NTRK1-R64!YLAGLHFVHV	47	21821
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>NTRK1-R78(RLQALAQA	380	>NTRK1-R78(GLQALAQA	498	118
>NTRK1-R78(RLQALAQAPI	31	>NTRK1-R78(GLQALAQAPI	38	7
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>NTRK1-R78(RLQALAQAPI	57	>NTRK1-R78(GLQALAQAPI	46	11
>NTRK1-R78(RLQALAQA	39	>NTRK1-R78(GLQALAQA	58	19
>NTRK1-R78(RLQALAQAPI	12	>NTRK1-R78(GLQALAQAPI	17	5
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>NTRK1-R78(RLQALAQA	61	>NTRK1-R78(GLQALAQA	139	78
>NTRK1-R78(RLQALAQAPI	4	>NTRK1-R78(GLQALAQAPI	6	2
>NTRK1-R78(RLQALAQA	233	>NTRK1-R78(GLQALAQA	125	108
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>NTRK1-R78(RLQALAQA	17	>NTRK1-R78(GLQALAQA	14	3
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>NTRK1-R78(QRHSIKDVH#	265	>NTRK1-R78(QRHSIKDVH#	6083	5818
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>NTRK1-R78(HARLQALAQ,	9	>NTRK1-R78(HAGLQALAQ,	6166	6157
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>NTRK1-R78(VHARLQAL	365	>NTRK1-R78(VHAGLQAL	289	76
>NTRK1-R78(VHARLQAL	178	>NTRK1-R78(VHAGLQAL	38	140
>NTRK1-R78(DVHARLQAL	101	>NTRK1-R78(DVHAGLQAL	29	72
>NTRK1-R78(DVHARLQAL	194	>NTRK1-R78(DVHAGLQAL	241	47
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>NTRK1-R78(SIKDVHARL	496	>NTRK1-R78(SIKDVHAGL	216	280
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>NTRK1-R78(SIKDVHARLQ	507	>NTRK1-R78(SIKDVHAGLQ	222	285
>NTRK1-R78(SIKDVHARL	350	>NTRK1-R78(SIKDVHAGL	213	137
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>NTRK1-R78(HSIKDVHARL	55	>NTRK1-R78(HSIKDVHAGL	51	4
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>NTRK1-R78(HSIKDVHAR	12	>NTRK1-R78(HSIKDVHAG	19766	19754
>NTRK1-R78(HSIKDVHARL	13	>NTRK1-R78(HSIKDVHAGL	15	2
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>NTRK1-R78(HSIKDVHAR	234	>NTRK1-R78(HSIKDVHAG	35745	35511
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>NTRK1-S32(SFIFTEFLEPA	363	>NTRK1-S32(RFIFTEFLEPA	341	22
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>NTRK1-S32(TSFIFTEFL	45	>NTRK1-S32(TRFIFTEFL	26713	26668
>NTRK1-S32(TSFIFTEF	17798	>NTRK1-S32(TRFIFTEF	146	17652
>NTRK1-S32(TSFIFTEFL	21427	>NTRK1-S32(TRFIFTEFL	124	21303



>NTRK1-S32€TSFIFTEFL	9051	>NTRK1-S32€TRFIFTEFL	341	8710
>NTRK1-S32€TSFIFTEF	196	>NTRK1-S32€TRFIFTEF	22568	22372
>NTRK1-S32€TSFIFTEFL	471	>NTRK1-S32€TRFIFTEFL	22602	22131
>NTRK1-S32€TSFIFTEF	222	>NTRK1-S32€TRFIFTEF	21375	21153
>NTRK1-S32€TSFIFTEFL	62	>NTRK1-S32€TRFIFTEFL	12890	12828
>NTRK1-S32€TSFIFTEF	206	>NTRK1-S32€TRFIFTEF	9055	8849
>NTRK1-S32€TSFIFTEFL	186	>NTRK1-S32€TRFIFTEFL	7469	7283
>NTRK1-S32€TSFIFTEF	22991	>NTRK1-S32€TRFIFTEF	419	22572
>NTRK1-S32€TSFIFTEFL	9987	>NTRK1-S32€TRFIFTEFL	119	9868
>NTRK1-S32€TSFIFTEF	17226	>NTRK1-S32€TRFIFTEF	406	16820
>NTRK1-S32€TSFIFTEFL	17118	>NTRK1-S32€TRFIFTEFL	32	17086
>NTRK1-S32€TSFIFTEFL	93	>NTRK1-S32€TRFIFTEFL	5220	5127
>NTRK1-S32€LFNGSVLNET	18232	>NTRK1-S32€LFNGSVLNET	57	18175
>NTRK1-S32€LFNGSVLNET	30818	>NTRK1-S32€LFNGSVLNET	350	30468
>NTRK1-S32€LFNGSVLNET	33182	>NTRK1-S32€LFNGSVLNET	487	32695
>NTRK1-S32€LFNGSVLNET	32824	>NTRK1-S32€LFNGSVLNET	304	32520
>NTRK1-S32€ETSFIFTEF	170	>NTRK1-S32€ETRFIFTEF	184	14
>NTRK1-S32€ETSFIFTEF	94	>NTRK1-S32€ETRFIFTEF	113	19
>NTRK1-S32€ETSFIFTEF	90	>NTRK1-S32€ETRFIFTEF	48	42
>NTRK1-S32€ETSFIFTEFL	91	>NTRK1-S32€ETRFIFTEFL	51	40
>NTRK1-S32€ETSFIFTEFL	3784	>NTRK1-S32€ETRFIFTEFL	257	3527
>NTRK1-S32€ETSFIFTEF	155	>NTRK1-S32€ETRFIFTEF	566	411
>NTRK1-S32€ETSFIFTE	52	>NTRK1-S32€ETRFIFTE	507	455
>NTRK1-S32€ETSFIFTEF	57	>NTRK1-S32€ETRFIFTEF	541	484
>NTRK1-S32€ETSFIFTEFLE	25	>NTRK1-S32€ETRFIFTEFLE	214	189
>NTRK1-S32€ETSFIFTEF	23	>NTRK1-S32€ETRFIFTEF	1318	1295
>NTRK1-S32€ETSFIFTEFL	13	>NTRK1-S32€ETRFIFTEFL	47	34
>NTRK1-S32€ETSFIFTEFL	16	>NTRK1-S32€ETRFIFTEFL	114	98
>NTRK1-S32€ETSFIFTEF	636	>NTRK1-S32€ETRFIFTEF	198	438
>NTRK1-S32€ETSFIFTEF	183	>NTRK1-S32€ETRFIFTEF	31	152
>NTRK1-S32€ETSFIFTEFL	1756	>NTRK1-S32€ETRFIFTEFL	374	1382
>NTRK1-S32€ETSFIFTEFL	345	>NTRK1-S32€ETRFIFTEFL	1449	1104
>NTRK1-S32€ETSFIFTEF	17	>NTRK1-S32€ETRFIFTEF	9	8
>NTRK1-S32€ETSFIFTEFL	296	>NTRK1-S32€ETRFIFTEFL	686	390
>NTRK1-S32€NETSFIFTEF	406	>NTRK1-S32€NETRFIFTEF	206	200
>NTRK1-S32€NETSFIFTEFL	18	>NTRK1-S32€NETRFIFTEFL	13	5
>NTRK1-S32€NETSFIFTEF	252	>NTRK1-S32€NETRFIFTEF	444	192
>NTRK1-S32€NETSFIFTE	154	>NTRK1-S32€NETRFIFTE	255	101
>NTRK1-S32€NETSFIFTEF	189	>NTRK1-S32€NETRFIFTEF	189	0
>NTRK1-S32€NETSFIFTEFL	104	>NTRK1-S32€NETRFIFTEFL	161	57
>NTRK1-S32€NETSFIFTEFL	36	>NTRK1-S32€NETRFIFTEFL	69	33
>NTRK1-S32€NETSFIFTEF	383	>NTRK1-S32€NETRFIFTEF	526	143
>NTRK1-S32€NETSFIFTEFL	258	>NTRK1-S32€NETRFIFTEFL	247	11

>NTRK1-S32€NETSFIFTEF	22	>NTRK1-S32€NETRFIFTEF	27	5
>NTRK1-S32€NETSFIFTEF	23	>NTRK1-S32€NETRFIFTEF	28	5
>NTRK1-S32€NETSFIFTEFL	90	>NTRK1-S32€NETRFIFTEFL	108	18
>NTRK1-S32€NETSFIFT	34	>NTRK1-S32€NETRFIFT	44	10
>NTRK1-S32€NETSFIFTE	412	>NTRK1-S32€NETRFIFTE	435	23
>NTRK1-S32€NETSFIFTEFL	476	>NTRK1-S32€NETRFIFTEFL	537	61
>NTRK1-S32€NETSFIFTEFL	36	>NTRK1-S32€NETRFIFTEFL	60	24
>NTRK1-S32€VLNETSFI	42	>NTRK1-S32€VLNETRFI	229	187
>NTRK1-S32€VLNETSFI	7	>NTRK1-S32€VLNETRFI	40	33
>NTRK1-S32€VLNETSFIFT	471	>NTRK1-S32€VLNETRFIFT	1027	556
>NTRK1-S32€VLNETSFI	5	>NTRK1-S32€VLNETRFI	17	12
>NTRK1-S32€VLNETSFIFT	389	>NTRK1-S32€VLNETRFIFT	672	283
>NTRK1-S32€VLNETSFI	111	>NTRK1-S32€VLNETRFI	707	596
>NTRK1-S32€VLNETSFI	3	>NTRK1-S32€VLNETRFI	7	4
>NTRK1-S32€VLNETSFIF	193	>NTRK1-S32€VLNETRFIF	2111	1918
>NTRK1-S32€VLNETSFIFT	21	>NTRK1-S32€VLNETRFIFT	71	50
>NTRK1-S32€VLNETSFIFTE	253	>NTRK1-S32€VLNETRFIFTE	699	446
>NTRK1-S32€VLNETSFI	5	>NTRK1-S32€VLNETRFI	24	19
>NTRK1-S32€VLNETSFIF	440	>NTRK1-S32€VLNETRFIF	7057	6617
>NTRK1-S32€VLNETSFIFT	126	>NTRK1-S32€VLNETRFIFT	1049	923
>NTRK1-S32€VLNETSFI	9	>NTRK1-S32€VLNETRFI	28	19
>NTRK1-S32€VLNETSFIFT	57	>NTRK1-S32€VLNETRFIFT	167	110
>NTRK1-S32€VLNETSFI	4	>NTRK1-S32€VLNETRFI	26	22
>NTRK1-S32€VLNETSFIFT	104	>NTRK1-S32€VLNETRFIFT	1142	1038
>NTRK1-S32€VLNETSFI	5	>NTRK1-S32€VLNETRFI	13	8
>NTRK1-S32€VLNETSFIFT	21	>NTRK1-S32€VLNETRFIFT	30	9
>NTRK1-S32€VLNETSFIFTE	385	>NTRK1-S32€VLNETRFIFTE	464	79
>NTRK1-S32€VLNETSFIF	250	>NTRK1-S32€VLNETRFIF	864	614
>NTRK1-S32€VLNETSFIF	113	>NTRK1-S32€VLNETRFIF	504	391
>NTRK1-S32€VLNETSFIF	245	>NTRK1-S32€VLNETRFIF	1194	949
>NTRK1-S32€VLNETSFIF	43	>NTRK1-S32€VLNETRFIF	60	17
>NTRK1-S32€VLNETSFIF	129	>NTRK1-S32€VLNETRFIF	458	329
>NTRK1-S32€SVLNETSFI	291	>NTRK1-S32€SVLNETRFI	2102	1811
>NTRK1-S32€SVLNETSFI	38	>NTRK1-S32€SVLNETRFI	300	262
>NTRK1-S32€SVLNETSFIFT	138	>NTRK1-S32€SVLNETRFIFT	258	120
>NTRK1-S32€SVLNETSFI	132	>NTRK1-S32€SVLNETRFI	356	224
>NTRK1-S32€SVLNETSFI	203	>NTRK1-S32€SVLNETRFI	1844	1641
>NTRK1-S32€SVLNETSFI	66	>NTRK1-S32€SVLNETRFI	572	506
>NTRK1-S32€SVLNETSFIF	244	>NTRK1-S32€SVLNETRFIF	400	156
>NTRK1-S32€SVLNETSFI	411	>NTRK1-S32€SVLNETRFI	410	1
>NTRK1-S32€SVLNETSF	58	>NTRK1-S32€SVLNETRF	216	158
>NTRK1-S32€SVLNETSFI	829	>NTRK1-S32€SVLNETRFI	447	382
>NTRK1-S32€SVLNETSFIF	91	>NTRK1-S32€SVLNETRFIF	127	36

>NTRK1-S32(SVLNETSFI	76	>NTRK1-S32(SVLNETRFI	456	380
>NTRK1-S32(SVLNETSF	105	>NTRK1-S32(SVLNETRF	1008	903
>NTRK1-S32(SVLNETSFIF	154	>NTRK1-S32(SVLNETRFIF	287	133
>NTRK1-S32(SVLNETSF	392	>NTRK1-S32(SVLNETRF	390	2
>NTRK1-S32(SVLNETSFIF	418	>NTRK1-S32(SVLNETRFIF	1992	1574
>NTRK1-S32(SVLNETSFI	242	>NTRK1-S32(SVLNETRFI	5444	5202
>NTRK1-S32(SVLNETSFIF	192	>NTRK1-S32(SVLNETRFIF	704	512
>NTRK1-S32(SVLNETSFI	90	>NTRK1-S32(SVLNETRFI	255	165
>NTRK1-S32(GSVLNETSFI	138	>NTRK1-S32(GSVLNETRFI	809	671
>NTRK1-S32(GSVLNETS	32488	>NTRK1-S32(GSVLNETR	377	32111
>NTRK1-S32(GSVLNETSF	219	>NTRK1-S32(GSVLNETRF	1700	1481
>NTRK1-S32(GSVLNETSFIF	313	>NTRK1-S32(GSVLNETRFIF	506	193
>NTRK1-S32(GSVLNETSF	10	>NTRK1-S32(GSVLNETRF	6	4
>NTRK1-S32(GSVLNETSFI	333	>NTRK1-S32(GSVLNETRFI	779	446
>NTRK1-S32(GSVLNETSFIF	10	>NTRK1-S32(GSVLNETRFIF	16	6
>NTRK1-S32(GSVLNETSFIF	192	>NTRK1-S32(GSVLNETRFIF	336	144
>NTRK1-S32(GSVLNETSF	164	>NTRK1-S32(GSVLNETRF	123	41
>NTRK1-S32(GSVLNETSFI	432	>NTRK1-S32(GSVLNETRFI	1382	950
>NTRK1-S32(GSVLNETSFIF	108	>NTRK1-S32(GSVLNETRFIF	136	28
>NTRK1-S32(GSVLNETSFI	76	>NTRK1-S32(GSVLNETRFI	294	218
>NTRK1-S32(NGSVLNETS	32601	>NTRK1-S32(NGSVLNETR	282	32319
>NTRK1-S32(FNGSVLNETS	217	>NTRK1-S32(FNGSVLNETR	1296	1079
>NTRK1-V42(VAVGLAVFA	2460	>NTRK1-V42(MAVGLAVFA	294	2166
>NTRK1-V42(VAVGLAVFAC	1476	>NTRK1-V42(MAVGLAVFA	196	1280
>NTRK1-V42(VAVGLAVFA	267	>NTRK1-V42(MAVGLAVFA	48	219
>NTRK1-V42(VAVGLAVFAC	415	>NTRK1-V42(MAVGLAVFA	104	311
>NTRK1-V42(VAVGLAVF	621	>NTRK1-V42(MAVGLAVF	364	257
>NTRK1-V42(VAVGLAVFA	923	>NTRK1-V42(MAVGLAVFA	13	910
>NTRK1-V42(VAVGLAVFAC	1297	>NTRK1-V42(MAVGLAVFA	23	1274
>NTRK1-V42(VAVGLAVF	280	>NTRK1-V42(MAVGLAVF	127	153
>NTRK1-V42(VAVGLAVF	336	>NTRK1-V42(MAVGLAVF	109	227
>NTRK1-V42(VAVGLAVF	7	>NTRK1-V42(MAVGLAVF	5	2
>NTRK1-V42(VAVGLAVFAC	617	>NTRK1-V42(MAVGLAVFA	281	336
>NTRK1-V42(VAVGLAVF	103	>NTRK1-V42(MAVGLAVF	16	87
>NTRK1-V42(VAVGLAVFAC	2510	>NTRK1-V42(MAVGLAVFA	148	2362
>NTRK1-V42(VAVGLAVFAC	1818	>NTRK1-V42(MAVGLAVFA	130	1688
>NTRK1-V42(VAVGLAVF	2177	>NTRK1-V42(MAVGLAVF	222	1955
>NTRK1-V42(VAVGLAVFAC	4697	>NTRK1-V42(MAVGLAVFA	462	4235
>NTRK1-V42(VAVGLAVFA	4514	>NTRK1-V42(MAVGLAVFA	84	4430
>NTRK1-V42(VAVGLAVF	765	>NTRK1-V42(MAVGLAVF	363	402
>NTRK1-V42(VAVGLAVF	52	>NTRK1-V42(MAVGLAVF	22	30
>NTRK1-V42(VAVGLAVFAC	354	>NTRK1-V42(MAVGLAVFA	488	134
>NTRK1-V42(VAVGLAVF	3492	>NTRK1-V42(MAVGLAVF	134	3358

>NTRK1-V42(SVAVGLAV	344	>NTRK1-V42(SMAVGLAV	20	324
>NTRK1-V42(SVAVGLAVFA	4304	>NTRK1-V42(SMAVGLAVF,	356	3948
>NTRK1-V42(SVAVGLAV	155	>NTRK1-V42(SMAVGLAV	8	147
>NTRK1-V42(SVAVGLAVFA	721	>NTRK1-V42(SMAVGLAVF,	63	658
>NTRK1-V42(SVAVGLAV	38	>NTRK1-V42(SMAVGLAV	5	33
>NTRK1-V42(SVAVGLAVFA	1526	>NTRK1-V42(SMAVGLAVF,	211	1315
>NTRK1-V42(SVAVGLAV	15	>NTRK1-V42(SMAVGLAV	16	1
>NTRK1-V42(SVAVGLAVFA	655	>NTRK1-V42(SMAVGLAVF,	467	188
>NTRK1-V42(SVAVGLAV	105	>NTRK1-V42(SMAVGLAV	3	102
>NTRK1-V42(SVAVGLAVFA	3540	>NTRK1-V42(SMAVGLAVF,	29	3511
>NTRK1-V42(SVAVGLAVFA	4721	>NTRK1-V42(SMAVGLAVF,	40	4681
>NTRK1-V42(SVAVGLAV	591	>NTRK1-V42(SMAVGLAV	7	584
>NTRK1-V42(SVAVGLAVFA	10323	>NTRK1-V42(SMAVGLAVF,	133	10190
>NTRK1-V42(SVAVGLAVFA	10387	>NTRK1-V42(SMAVGLAVF,	168	10219
>NTRK1-V42(SVAVGLAV	40	>NTRK1-V42(SMAVGLAV	5	35
>NTRK1-V42(SVAVGLAVFA	508	>NTRK1-V42(SMAVGLAVF,	13	495
>NTRK1-V42(SVAVGLAVFA	8424	>NTRK1-V42(SMAVGLAVF,	174	8250
>NTRK1-V42(SVAVGLAV	1396	>NTRK1-V42(SMAVGLAV	15	1381
>NTRK1-V42(SVAVGLAVFA	8826	>NTRK1-V42(SMAVGLAVF,	180	8646
>NTRK1-V42(SVAVGLAVFA	8937	>NTRK1-V42(SMAVGLAVF,	285	8652
>NTRK1-V42(SVAVGLAV	20	>NTRK1-V42(SMAVGLAV	2	18
>NTRK1-V42(SVAVGLAVFA	1161	>NTRK1-V42(SMAVGLAVF,	11	1150
>NTRK1-V42(SVAVGLAVFA	4174	>NTRK1-V42(SMAVGLAVF,	38	4136
>NTRK1-V42(SVAVGLAVF	13	>NTRK1-V42(SMAVGLAVF	373	360
>NTRK1-V42(SVAVGLAVF	1571	>NTRK1-V42(SMAVGLAVF	403	1168
>NTRK1-V42(SVAVGLAV	37	>NTRK1-V42(SMAVGLAV	912	875
>NTRK1-V42(SVAVGLAVFA	355	>NTRK1-V42(SMAVGLAVF,	889	534
>NTRK1-V42(SVAVGLAV	50	>NTRK1-V42(SMAVGLAV	244	194
>NTRK1-V42(SVAVGLAV	4549	>NTRK1-V42(SMAVGLAV	348	4201
>NTRK1-V42(SVAVGLAVF	67	>NTRK1-V42(SMAVGLAVF	28	39
>NTRK1-V42(SVAVGLAVF	423	>NTRK1-V42(SMAVGLAVF	49	374
>NTRK1-V42(SVAVGLAV	10087	>NTRK1-V42(SMAVGLAV	493	9594
>NTRK1-V42(SVAVGLAVF	1339	>NTRK1-V42(SMAVGLAVF	18	1321
>NTRK1-V42(SVAVGLAVF	100	>NTRK1-V42(SMAVGLAVF	217	117
>NTRK1-V42(SVAVGLAVF	66	>NTRK1-V42(SMAVGLAVF	717	651
>NTRK1-V42(KKDETPFGVS	471	>NTRK1-V42(KKDETPFGVS	7852	7381
>NTRK1-V42(KKDETPFGVS	104	>NTRK1-V42(KKDETPFGVS	5752	5648
>NTRK1-V42(KKDETPFGVS	392	>NTRK1-V42(KKDETPFGVS	15713	15321
>NTRK1-V42(KKDETPFGVS	456	>NTRK1-V42(KKDETPFGVS	107	349
>NTRK1-V42(VSVAVGLAV	189	>NTRK1-V42(VSMAVGLAV	60	129
>NTRK1-V42(VSVAVGLAVF	905	>NTRK1-V42(VSMAVGLAV	279	626
>NTRK1-V42(VSVAVGLAV	918	>NTRK1-V42(VSMAVGLAV	260	658
>NTRK1-V42(VSVAVGLAVF	277	>NTRK1-V42(VSMAVGLAV	749	472

>NTRK1-V42(VSVAVGLAVF	947	>NTRK1-V42(VSMAVGLAV	328	619
>NTRK1-V42(VSVAVGLAVF	3450	>NTRK1-V42(VSMAVGLAV	474	2976
>NTRK1-V42(VSVAVGLAVF	57	>NTRK1-V42(VSMAVGLAV	42	15
>NTRK1-V42(VSVAVGLAV	732	>NTRK1-V42(VSMAVGLAV	299	433
>NTRK1-V42(VSVAVGLAVF	50	>NTRK1-V42(VSMAVGLAV	21	29
>NTRK1-V42(VSVAVGLAV	391	>NTRK1-V42(VSMAVGLAV	390	1
>NTRK1-V42(VSVAVGLAVF	4	>NTRK1-V42(VSMAVGLAV	4	0
>NTRK1-V42(VSVAVGLAVF	589	>NTRK1-V42(VSMAVGLAV	320	269
>NTRK1-V42(VSVAVGLAVF	16	>NTRK1-V42(VSMAVGLAV	12	4
>NTRK1-V42(VSVAVGLAVF	326	>NTRK1-V42(VSMAVGLAV	689	363
>NTRK1-V42(VSVAVGLAVF	124	>NTRK1-V42(VSMAVGLAV	57	67
>NTRK1-V42(GVSVAVGL	487	>NTRK1-V42(GVSMVAVGL	517	30
>NTRK1-V42(GVSVAVGLA\	460	>NTRK1-V42(GVSMVAVGLA	254	206
>NTRK1-V42(GVSVAVGLA	424	>NTRK1-V42(GVSMVAVGLA	150	274
>NTRK1-V42(GVSVAVGLA\	374	>NTRK1-V42(GVSMVAVGLA	273	101
>NTRK1-V42(GVSVAVGLA\	310	>NTRK1-V42(GVSMVAVGLA	209	101
>NTRK1-V42(GVSVAVGLA\	661	>NTRK1-V42(GVSMVAVGLA	327	334
>NTRK1-V42(GVSVAVGLA\	325	>NTRK1-V42(GVSMVAVGLA	247	78
>NTRK1-V42(GVSVAVGLA\	333	>NTRK1-V42(GVSMVAVGLA	143	190
>NTRK1-V42(GVSVAVGLA\	155	>NTRK1-V42(GVSMVAVGLA	99	56
>NTRK1-V42(GVSVAVGLA\	504	>NTRK1-V42(GVSMVAVGLA	410	94
>NTRK1-V42(GVSVAVGLA\	111	>NTRK1-V42(GVSMVAVGLA	80	31
>NTRK1-V42(FGVSVAVGL	379	>NTRK1-V42(FGVSMVAVGL	722	343
>NTRK1-V42(FGVSVAVGLA	446	>NTRK1-V42(FGVSMVAVGL	659	213
>NTRK1-V42(FGVSVAVGL	222	>NTRK1-V42(FGVSMVAVGL	700	478
>NTRK1-V42(FGVSVAVGLA	32	>NTRK1-V42(FGVSMVAVGL	62	30
>NTRK1-V42(FGVSVAVGLA	321	>NTRK1-V42(FGVSMVAVGL	1037	716
>NTRK1-V42(TPFGVSVAV	48	>NTRK1-V42(TPFGVSMVAV	96	48
>NTRK1-V42(TPFGVSVAVC	22	>NTRK1-V42(TPFGVSMVAV	25	3
>NTRK1-V42(TPFGVSVAV	30	>NTRK1-V42(TPFGVSMVAV	20	10
>NTRK1-V42(TPFGVSVAVC	210	>NTRK1-V42(TPFGVSMVAV	313	103
>NTRK1-V42(TPFGVSVAV	160	>NTRK1-V42(TPFGVSMVAV	104	56
>NTRK1-V42(TPFGVSVAV	174	>NTRK1-V42(TPFGVSMVAV	204	30
>NTRK1-V42(TPFGVSVAVC	660	>NTRK1-V42(TPFGVSMVAV	485	175
>NTRK1-V42(TPFGVSVAV	416	>NTRK1-V42(TPFGVSMVAV	1278	862
>NTRK1-V42(TPFGVSVAV	61	>NTRK1-V42(TPFGVSMVAV	106	45
>NTRK1-V42(TPFGVSVAVC	112	>NTRK1-V42(TPFGVSMVAV	127	15
>NTRK1-V42(TPFGVSVAV	19	>NTRK1-V42(TPFGVSMVAV	26	7
>NTRK1-V42(TPFGVSVAVC	16	>NTRK1-V42(TPFGVSMVAV	18	2
>NTRK1-V42(TPFGVSVAV	55	>NTRK1-V42(TPFGVSMVAV	111	56
>NTRK1-V42(TPFGVSVAV	24	>NTRK1-V42(TPFGVSMVAV	54	30
>NTRK1-V42(TPFGVSVAV	304	>NTRK1-V42(TPFGVSMVAV	743	439
>NTRK1-V42(ETPFGVSV	1818	>NTRK1-V42(ETPFGVSM	312	1506

>NTRK1-V42(ETPFGVSV	3836	>NTRK1-V42(ETPFGVSM	93	3743
>NTRK1-V42(ETPFGVSV	1177	>NTRK1-V42(ETPFGVSM	20	1157
>NTRK1-V42(ETPFGVSV	2557	>NTRK1-V42(ETPFGVSM	37	2520
>NTRK1-V42(ETPFGVSV	6	>NTRK1-V42(ETPFGVSM	55	49
>NTRK1-V42(ETPFGVSVA	21	>NTRK1-V42(ETPFGVSMA	13	8
>NTRK1-V42(ETPFGVSVAV	9	>NTRK1-V42(ETPFGVSMA\	7	2
>NTRK1-V42(ETPFGVSV	26	>NTRK1-V42(ETPFGVSM	417	391
>NTRK1-V42(ETPFGVSVA	2803	>NTRK1-V42(ETPFGVSMA	478	2325
>NTRK1-V42(ETPFGVSVAV	22	>NTRK1-V42(ETPFGVSMA\	14	8
>NTRK1-V42(ETPFGVSV	141	>NTRK1-V42(ETPFGVSM	25	116
>NTRK1-V42(ETPFGVSVAV	129	>NTRK1-V42(ETPFGVSMA\	126	3
>NTRK1-V42(DETPFGVSV	239	>NTRK1-V42(DETPFGVSM	719	480
>NTRK1-V42(DETPFGVSVA	286	>NTRK1-V42(DETPFGVSM,	228	58
>NTRK1-V42(DETPFGVSV	23	>NTRK1-V42(DETPFGVSM	9	14
>NTRK1-V42(DETPFGVSVA	22	>NTRK1-V42(DETPFGVSM,	20	2
>NTRK1-V42(DETPFGVSVA	426	>NTRK1-V42(DETPFGVSM,	791	365
>NTRK1-V42(KDETPFGVSV	408	>NTRK1-V42(KDETPFGVSM	5121	4713
>NTRK1-V42:VGLAVFACLF	482	>NTRK1-V42:LGLAVFACLF	354	128
>NTRK1-V42:VGLAVFACLF	659	>NTRK1-V42:LGLAVFACLF	362	297
>NTRK1-V42:VGLAVFACLF	297	>NTRK1-V42:LGLAVFACLF	169	128
>NTRK1-V42:AVGLAVFACL	2482	>NTRK1-V42:ALGLAVFACL	243	2239
>NTRK1-V42:AVGLAVFA	2139	>NTRK1-V42:ALGLAVFA	86	2053
>NTRK1-V42:AVGLAVFACL	620	>NTRK1-V42:ALGLAVFACL	81	539
>NTRK1-V42:AVGLAVFA	3337	>NTRK1-V42:ALGLAVFA	370	2967
>NTRK1-V42:AVGLAVFACL	1471	>NTRK1-V42:ALGLAVFACL	264	1207
>NTRK1-V42:AVGLAVFA	6252	>NTRK1-V42:ALGLAVFA	93	6159
>NTRK1-V42:AVGLAVFAC	5482	>NTRK1-V42:ALGLAVFAC	94	5388
>NTRK1-V42:AVGLAVFACL	4080	>NTRK1-V42:ALGLAVFACL	58	4022
>NTRK1-V42:AVGLAVFA	12387	>NTRK1-V42:ALGLAVFA	288	12099
>NTRK1-V42:AVGLAVFAC	12124	>NTRK1-V42:ALGLAVFAC	265	11859
>NTRK1-V42:AVGLAVFACL	4934	>NTRK1-V42:ALGLAVFACL	32	4902
>NTRK1-V42:AVGLAVFA	3172	>NTRK1-V42:ALGLAVFA	36	3136
>NTRK1-V42:AVGLAVFACL	1801	>NTRK1-V42:ALGLAVFACL	24	1777
>NTRK1-V42:AVGLAVFA	9592	>NTRK1-V42:ALGLAVFA	276	9316
>NTRK1-V42:AVGLAVFAC	7486	>NTRK1-V42:ALGLAVFAC	212	7274
>NTRK1-V42:AVGLAVFACL	1649	>NTRK1-V42:ALGLAVFACL	25	1624
>NTRK1-V42:AVGLAVFA	5306	>NTRK1-V42:ALGLAVFA	21	5285
>NTRK1-V42:AVGLAVFAC	9506	>NTRK1-V42:ALGLAVFAC	64	9442
>NTRK1-V42:AVGLAVFACL	2061	>NTRK1-V42:ALGLAVFACL	11	2050
>NTRK1-V42:AVGLAVFACL	913	>NTRK1-V42:ALGLAVFACL	303	610
>NTRK1-V42:AVGLAVFACL	898	>NTRK1-V42:ALGLAVFACL	149	749
>NTRK1-V42:DETPFGVSVA	286	>NTRK1-V42:DETPFGVSVA	709	423
>NTRK1-V42:DETPFGVSVA	22	>NTRK1-V42:DETPFGVSVA	10	12

>NTRK1-V42: DETPFGVSV	646	>NTRK1-V42: DETPFGVSV	70	576
>NTRK1-V42: VAVGLAVFA	267	>NTRK1-V42: VALGLAVFA	169	98
>NTRK1-V42: VAVGLAVFAC	415	>NTRK1-V42: VALGLAVFAC	319	96
>NTRK1-V42: VAVGLAVF	280	>NTRK1-V42: VALGLAVF	705	425
>NTRK1-V42: VAVGLAVF	336	>NTRK1-V42: VALGLAVF	210	126
>NTRK1-V42: VAVGLAVF	7	>NTRK1-V42: VALGLAVF	8	1
>NTRK1-V42: VAVGLAVF	103	>NTRK1-V42: VALGLAVF	180	77
>NTRK1-V42: VAVGLAVF	52	>NTRK1-V42: VALGLAVF	61	9
>NTRK1-V42: VAVGLAVFAC	354	>NTRK1-V42: VALGLAVFAC	1634	1280
>NTRK1-V42: SVAVGLAV	344	>NTRK1-V42: SVALGLAV	386	42
>NTRK1-V42: SVAVGLAV	155	>NTRK1-V42: SVALGLAV	148	7
>NTRK1-V42: SVAVGLAVFA	721	>NTRK1-V42: SVALGLAVFA	456	265
>NTRK1-V42: SVAVGLAV	38	>NTRK1-V42: SVALGLAV	38	0
>NTRK1-V42: SVAVGLAV	15	>NTRK1-V42: SVALGLAV	20	5
>NTRK1-V42: SVAVGLAV	105	>NTRK1-V42: SVALGLAV	179	74
>NTRK1-V42: SVAVGLAV	40	>NTRK1-V42: SVALGLAV	62	22
>NTRK1-V42: SVAVGLAV	20	>NTRK1-V42: SVALGLAV	26	6
>NTRK1-V42: SVAVGLAVF	13	>NTRK1-V42: SVALGLAVF	12	1
>NTRK1-V42: SVAVGLAV	37	>NTRK1-V42: SVALGLAV	44	7
>NTRK1-V42: SVAVGLAVFA	355	>NTRK1-V42: SVALGLAVFA	424	69
>NTRK1-V42: SVAVGLAV	50	>NTRK1-V42: SVALGLAV	64	14
>NTRK1-V42: SVAVGLAVF	67	>NTRK1-V42: SVALGLAVF	93	26
>NTRK1-V42: SVAVGLAVF	423	>NTRK1-V42: SVALGLAVF	1083	660
>NTRK1-V42: SVAVGLAVF	100	>NTRK1-V42: SVALGLAVF	126	26
>NTRK1-V42: SVAVGLAVF	66	>NTRK1-V42: SVALGLAVF	80	14
>NTRK1-V42: VSVAVGLAV	189	>NTRK1-V42: VSVALGLAV	331	142
>NTRK1-V42: VSVAVGLAVF	277	>NTRK1-V42: VSVALGLAVF	239	38
>NTRK1-V42: VSVAVGLAVF	57	>NTRK1-V42: VSVALGLAVF	60	3
>NTRK1-V42: VSVAVGLAVF	50	>NTRK1-V42: VSVALGLAVF	57	7
>NTRK1-V42: VSVAVGLAV	391	>NTRK1-V42: VSVALGLAV	96	295
>NTRK1-V42: VSVAVGLAVF	4	>NTRK1-V42: VSVALGLAVF	3	1
>NTRK1-V42: VSVAVGLAVF	16	>NTRK1-V42: VSVALGLAVF	22	6
>NTRK1-V42: VSVAVGLAVF	326	>NTRK1-V42: VSVALGLAVF	305	21
>NTRK1-V42: VSVAVGLAVF	124	>NTRK1-V42: VSVALGLAVF	75	49
>NTRK1-V42: GVSVAVGL	487	>NTRK1-V42: GVSVALGL	808	321
>NTRK1-V42: GVSVAVGLA\	460	>NTRK1-V42: GVSVALGLA\	411	49
>NTRK1-V42: GVSVAVGLA	424	>NTRK1-V42: GVSVALGLA	429	5
>NTRK1-V42: GVSVAVGLA\	374	>NTRK1-V42: GVSVALGLA\	371	3
>NTRK1-V42: GVSVAVGLA\	310	>NTRK1-V42: GVSVALGLA\	193	117
>NTRK1-V42: GVSVAVGLA\	325	>NTRK1-V42: GVSVALGLA\	628	303
>NTRK1-V42: GVSVAVGLA\	333	>NTRK1-V42: GVSVALGLA\	353	20
>NTRK1-V42: GVSVAVGLA\	155	>NTRK1-V42: GVSVALGLA\	230	75
>NTRK1-V42: GVSVAVGLA\	111	>NTRK1-V42: GVSVALGLA\	86	25

>NTRK1-V42:FGVSVAVGL	379	>NTRK1-V42:FGVSVALGL	751	372
>NTRK1-V42:FGVSVAVGLA	446	>NTRK1-V42:FGVSVALGLA	549	103
>NTRK1-V42:FGVSVAVGL	222	>NTRK1-V42:FGVSVALGL	212	10
>NTRK1-V42:FGVSVAVGLA	32	>NTRK1-V42:FGVSVALGLA	36	4
>NTRK1-V42:FGVSVAVGLA	321	>NTRK1-V42:FGVSVALGLA	564	243
>NTRK1-V42:TPFGVSVAV	48	>NTRK1-V42:TPFGVSVAL	15	33
>NTRK1-V42:TPFGVSVAVC	22	>NTRK1-V42:TPFGVSVALG	29	7
>NTRK1-V42:TPFGVSVAV	30	>NTRK1-V42:TPFGVSVAL	227	197
>NTRK1-V42:TPFGVSVAVC	210	>NTRK1-V42:TPFGVSVALG	948	738
>NTRK1-V42:TPFGVSVAV	160	>NTRK1-V42:TPFGVSVAL	822	662
>NTRK1-V42:TPFGVSVAV	174	>NTRK1-V42:TPFGVSVAL	29	145
>NTRK1-V42:TPFGVSVAVC	660	>NTRK1-V42:TPFGVSVALG	463	197
>NTRK1-V42:TPFGVSVAV	61	>NTRK1-V42:TPFGVSVAL	20	41
>NTRK1-V42:TPFGVSVAVC	112	>NTRK1-V42:TPFGVSVALG	118	6
>NTRK1-V42:TPFGVSVAV	19	>NTRK1-V42:TPFGVSVAL	6	13
>NTRK1-V42:TPFGVSVAVC	16	>NTRK1-V42:TPFGVSVALG	20	4
>NTRK1-V42:TPFGVSVAV	24	>NTRK1-V42:TPFGVSVAL	2442	2418
>NTRK1-V42:TPFGVSVAV	304	>NTRK1-V42:TPFGVSVAL	35	269
>NTRK1-V42:TPFGVSVAV	653	>NTRK1-V42:TPFGVSVAL	78	575
>NTRK1-V42:ETPFGVSVAV	1454	>NTRK1-V42:ETPFGVSVAL	336	1118
>NTRK1-V42:ETPFGVSVAV	529	>NTRK1-V42:ETPFGVSVAL	60	469
>NTRK1-V42:ETPFGVSVAV	3282	>NTRK1-V42:ETPFGVSVAL	475	2807
>NTRK1-V42:ETPFGVSVAV	1341	>NTRK1-V42:ETPFGVSVAL	347	994
>NTRK1-V42:ETPFGVSVAV	9	>NTRK1-V42:ETPFGVSVAL	18	9
>NTRK1-V42:ETPFGVSVAV	22	>NTRK1-V42:ETPFGVSVAL	221	199
>NTRK1-V42:ETPFGVSVAV	129	>NTRK1-V42:ETPFGVSVAL	17	112
>NTRK1-V42:ETPFGVSVAV	1070	>NTRK1-V42:ETPFGVSVAL	241	829
>NTRK3-D40:DNFILFDEV	80	>NTRK3-D40:NNFILFDEV	40	40
>NTRK3-D40:TDNFILFDEV	4215	>NTRK3-D40:TNNFILFDEV	381	3834
>NTRK3-D40:TDNFILFDEV	243	>NTRK3-D40:TNNFILFDEV	10259	10016
>NTRK3-D40:STDNFILF	33	>NTRK3-D40:STNNFILF	2135	2102
>NTRK3-D40:STDNFILFDEV	155	>NTRK3-D40:STNNFILFDEV	6059	5904
>NTRK3-D40:STDNFILFDEV	128	>NTRK3-D40:STNNFILFDEV	304	176
>NTRK3-D40:STDNFILFDEV	182	>NTRK3-D40:STNNFILFDEV	50	132
>NTRK3-D40:STDNFILFDEV	1499	>NTRK3-D40:STNNFILFDEV	72	1427
>NTRK3-D40:STDNFILFDEV	17	>NTRK3-D40:STNNFILFDEV	28	11
>NTRK3-D40:STDNFILFDEV	12	>NTRK3-D40:STNNFILFDEV	19	7
>NTRK3-D40:STDNFILFDEV	324	>NTRK3-D40:STNNFILFDEV	801	477
>NTRK3-D40:STDNFILFDEV	19	>NTRK3-D40:STNNFILFDEV	41	22
>NTRK3-D40:STDNFILFDEV	252	>NTRK3-D40:STNNFILFDEV	158	94
>NTRK3-D40:STDNFILF	264	>NTRK3-D40:STNNFILF	51	213
>NTRK3-D40:STDNFILFDEV	68	>NTRK3-D40:STNNFILFDEV	9	59
>NTRK3-D40:STDNFILFDEV	12	>NTRK3-D40:STNNFILFDEV	21	9



>NTRK3-D40:STDNFILF	2605	>NTRK3-D40:STNNFILF	183	2422
>NTRK3-D40:STDNFILF	61	>NTRK3-D40:STNNFILF	27	34
>NTRK3-D40:STDNFILF	2573	>NTRK3-D40:STNNFILF	397	2176
>NTRK3-D40:STDNFILF	256	>NTRK3-D40:STNNFILF	606	350
>NTRK3-D40:STDNFILFDEV	678	>NTRK3-D40:STNNFILFDEV	297	381
>NTRK3-D40:STDNFILF	486	>NTRK3-D40:STNNFILF	537	51
>NTRK3-D40:ESTDNFILF	200	>NTRK3-D40:ESTNNFILF	555	355
>NTRK3-D40:ESTDNFILF	107	>NTRK3-D40:ESTNNFILF	213	106
>NTRK3-D40:ESTDNFIL	137	>NTRK3-D40:ESTNNFIL	275	138
>NTRK3-D40:ESTDNFILF	959	>NTRK3-D40:ESTNNFILF	316	643
>NTRK3-D40:ESTDNFILF	192	>NTRK3-D40:ESTNNFILF	705	513
>NTRK3-D40:ESTDNFILF	43	>NTRK3-D40:ESTNNFILF	108	65
>NTRK3-D40:PESTDNFI	738	>NTRK3-D40:PESTNNFI	196	542
>NTRK3-D40:PESTDNFIL	44	>NTRK3-D40:PESTNNFIL	47	3
>NTRK3-D40:FPESTDNFI	524	>NTRK3-D40:FPESTNNFI	333	191
>NTRK3-D40:FPESTDNF	25	>NTRK3-D40:FPESTNNF	45	20
>NTRK3-D40:FPESTDNFI	38	>NTRK3-D40:FPESTNNFI	70	32
>NTRK3-D40:FPESTDNFIL	128	>NTRK3-D40:FPESTNNFIL	49	79
>NTRK3-D40:FPESTDNFILF	43	>NTRK3-D40:FPESTNNFILF	40	3
>NTRK3-D40:FPESTDNF	883	>NTRK3-D40:FPESTNNF	318	565
>NTRK3-D40:FPESTDNFIL	112	>NTRK3-D40:FPESTNNFIL	58	54
>NTRK3-D40:FPESTDNF	12	>NTRK3-D40:FPESTNNF	15	3
>NTRK3-D40:FPESTDNFI	397	>NTRK3-D40:FPESTNNFI	1078	681
>NTRK3-D40:FPESTDNFIL	124	>NTRK3-D40:FPESTNNFIL	85	39
>NTRK3-D40:FPESTDNFILF	12	>NTRK3-D40:FPESTNNFILF	16	4
>NTRK3-D40:FPESTDNFIL	27	>NTRK3-D40:FPESTNNFIL	13	14
>NTRK3-D40:FPESTDNFI	486	>NTRK3-D40:FPESTNNFI	382	104
>NTRK3-D40:FPESTDNF	33	>NTRK3-D40:FPESTNNF	41	8
>NTRK3-D40:FPESTDNFI	40	>NTRK3-D40:FPESTNNFI	62	22
>NTRK3-D40:FPESTDNFIL	293	>NTRK3-D40:FPESTNNFIL	161	132
>NTRK3-D40:FPESTDNFILF	17	>NTRK3-D40:FPESTNNFILF	20	3
>NTRK3-D40:FPESTDNFI	265	>NTRK3-D40:FPESTNNFI	209	56
>NTRK3-D40:FPESTDNFIL	659	>NTRK3-D40:FPESTNNFIL	329	330
>NTRK3-D40:FPESTDNFILF	472	>NTRK3-D40:FPESTNNFILF	432	40
>NTRK3-D40:FPESTDNFILF	795	>NTRK3-D40:FPESTNNFILF	401	394
>NTRK3-D40:FPESTDNF	11	>NTRK3-D40:FPESTNNF	13	2
>NTRK3-D40:FPESTDNFI	182	>NTRK3-D40:FPESTNNFI	296	114
>NTRK3-D40:FPESTDNFIL	43	>NTRK3-D40:FPESTNNFIL	49	6
>NTRK3-D40:FPESTDNFILF	7	>NTRK3-D40:FPESTNNFILF	8	1
>NTRK3-D40:PFPESTDNF	349	>NTRK3-D40:PFPESTNNF	252	97
>NTRK3-D40:PFPESTDNF	49	>NTRK3-D40:PFPESTNNF	39	10
>NTRK3-D40:PFPESTDNFI	466	>NTRK3-D40:PFPESTNNFI	427	39
>NTRK3-D40:PFPESTDNFIL	463	>NTRK3-D40:PFPESTNNFIL	341	122

>NTRK3-D40: EPFPESTDNF	686	>NTRK3-D40: EPFPESTNNF	498	188
>NTRK3-D40: EPFPESTDNF	85	>NTRK3-D40: EPFPESTNNF	122	37
>NTRK3-D40: EPFPESTDNF	191	>NTRK3-D40: EPFPESTNNF	264	73
>NTRK3-D40: EPFPESTDNF	468	>NTRK3-D40: EPFPESTNNF	278	190
>NTRK3-D40: EPFPESTDNF	959	>NTRK3-D40: EPFPESTNNF	229	730
>NTRK3-D40: EPFPESTDNF	344	>NTRK3-D40: EPFPESTNNF	106	238
>NTRK3-D40: EPFPESTDNF	540	>NTRK3-D40: EPFPESTNNF	395	145
>NTRK3-D40: EPFPESTDNF	428	>NTRK3-D40: EPFPESTNNF	474	46
>NTRK3-D40: EPFPESTDNF	461	>NTRK3-D40: EPFPESTNNF	170	291
>NTRK3-D40: EPFPESTDNF	93	>NTRK3-D40: EPFPESTNNF	110	17
>NTRK3-D40: KEPFPESTDN	883	>NTRK3-D40: KEPFPESTNN	292	591
>NTRK3-D58: KDFQREAEL	7883	>NTRK3-D58: KEFQREAEL	158	7725
>NTRK3-D58: KDFQREAELL	2780	>NTRK3-D58: KEFQREAELL	51	2729
>NTRK3-D58: KDFQREAEL	15870	>NTRK3-D58: KEFQREAEL	70	15800
>NTRK3-D58: KDFQREAELL	12963	>NTRK3-D58: KEFQREAELL	286	12677
>NTRK3-D58: KDFQREAEL	654	>NTRK3-D58: KEFQREAEL	97	557
>NTRK3-D58: KDFQREAELL	17016	>NTRK3-D58: KEFQREAELL	181	16835
>NTRK3-D58: KDFQREAELL	1394	>NTRK3-D58: KEFQREAELL	116	1278
>NTRK3-D58: KDFQREAEL	779	>NTRK3-D58: KEFQREAEL	18	761
>NTRK3-D58: KDFQREAELL	2005	>NTRK3-D58: KEFQREAELL	20	1985
>NTRK3-D58: KDFQREAELL	5509	>NTRK3-D58: KEFQREAELL	99	5410
>NTRK3-D58: KDFQREAELL	324	>NTRK3-D58: KEFQREAELL	11493	11169
>NTRK3-D58: RKDFQREAEL	1016	>NTRK3-D58: RKEFQREAEL	437	579
>NTRK3-D58: RKDFQREAEL	1253	>NTRK3-D58: RKEFQREAEL	275	978
>NTRK3-D58: ARKDFQREAE	622	>NTRK3-D58: ARKEFQREAE	402	220
>NTRK3-D58: ARKDFQREAE	309	>NTRK3-D58: ARKEFQREAE	235	74
>NTRK3-D58: ARKDFQREAE	72	>NTRK3-D58: ARKEFQREAE	61	11
>NTRK3-D58: AARKDFQR	576	>NTRK3-D58: AARKEFQR	380	196
>NTRK3-D58: AARKDFQRE/	56	>NTRK3-D58: AARKEFQRE/	38	18
>NTRK3-D58: AARKDFQR	36	>NTRK3-D58: AARKEFQR	45	9
>NTRK3-D58: LAARKDFQR	32	>NTRK3-D58: LAARKEFQR	42	10
>NTRK3-D58: LAARKDFQR	20	>NTRK3-D58: LAARKEFQR	22	2
>NTRK3-D58: TLAARKDFQF	192	>NTRK3-D58: TLAARKEFQR	179	13
>NTRK3-D58: TLAARKDFQF	96	>NTRK3-D58: TLAARKEFQR	144	48
>NTRK3-D58: TLAARKDF	371	>NTRK3-D58: TLAARKEF	338	33
>NTRK3-D58: TLAARKDF	908	>NTRK3-D58: TLAARKEF	456	452
>NTRK3-D58: TLAARKDFQF	308	>NTRK3-D58: TLAARKEFQR	414	106
>NTRK3-D58: TLAARKDFQF	393	>NTRK3-D58: TLAARKEFQR	514	121
>NTRK3-D58: PTLAARKDFC	462	>NTRK3-D58: PTLAARKEFQ	431	31
>NTRK3-D58: PTLAARKDF	1259	>NTRK3-D58: PTLAARKEF	285	974
>NTRK3-E32: IEFVVRGNPP	5629	>NTRK3-E32: IKFVVRGNPP	243	5386
>NTRK3-E32: IEFVVRGNPP	7882	>NTRK3-E32: IKFVVRGNPP	319	7563
>NTRK3-E32: HCIEFVVR	413	>NTRK3-E32: HCIEFVVR	180	233

>NTRK3-E32:HCIEFVVR	262	>NTRK3-E32:HCIKFVVR	365	103
>NTRK3-E32:HCIEFVVR	266	>NTRK3-E32:HCIKFVVR	375	109
>NTRK3-E32:HCIEFVVR	25	>NTRK3-E32:HCIKFVVR	20	5
>NTRK3-E32:EHCIEFVVR	121	>NTRK3-E32:EHCIKFVVR	142	21
>NTRK3-E32:LEHCIEFV	238	>NTRK3-E32:LEHCIKFV	25	213
>NTRK3-E32:LEHCIEFVV	544	>NTRK3-E32:LEHCIKFVV	109	435
>NTRK3-E32:LEHCIEFVV	848	>NTRK3-E32:LEHCIKFVV	204	644
>NTRK3-E32:LEHCIEFV	137	>NTRK3-E32:LEHCIKFV	508	371
>NTRK3-E32:LEHCIEFVV	53	>NTRK3-E32:LEHCIKFVV	47	6
>NTRK3-E32:LEHCIEFV	498	>NTRK3-E32:LEHCIKFV	503	5
>NTRK3-E32:LEHCIEFVV	212	>NTRK3-E32:LEHCIKFVV	319	107
>NTRK3-E32:LEHCIEFV	250	>NTRK3-E32:LEHCIKFV	389	139
>NTRK3-E32:LEHCIEFVV	42	>NTRK3-E32:LEHCIKFVV	65	23
>NTRK3-E32:LEHCIEFV	176	>NTRK3-E32:LEHCIKFV	451	275
>NTRK3-E32:LEHCIEFVV	47	>NTRK3-E32:LEHCIKFVV	53	6
>NTRK3-E32:LEHCIEFVVR	272	>NTRK3-E32:LEHCIKFVVR	203	69
>NTRK3-E32:RLEHCIEFV	31	>NTRK3-E32:RLEHCIKFV	222	191
>NTRK3-E32:RLEHCIEFVV	81	>NTRK3-E32:RLEHCIKFVV	157	76
>NTRK3-E32:RLEHCIEFV	6	>NTRK3-E32:RLEHCIKFV	48	42
>NTRK3-E32:RLEHCIEFVV	125	>NTRK3-E32:RLEHCIKFVV	382	257
>NTRK3-E32:RLEHCIEFV	26	>NTRK3-E32:RLEHCIKFV	41	15
>NTRK3-E32:RLEHCIEFV	17	>NTRK3-E32:RLEHCIKFV	163	146
>NTRK3-E32:RLEHCIEFV	9	>NTRK3-E32:RLEHCIKFV	26	17
>NTRK3-E32:RLEHCIEFVV	15	>NTRK3-E32:RLEHCIKFVV	25	10
>NTRK3-E32:RLEHCIEFV	7	>NTRK3-E32:RLEHCIKFV	21	14
>NTRK3-E32:RLEHCIEFVV	8	>NTRK3-E32:RLEHCIKFVV	15	7
>NTRK3-E32:RLEHCIEFV	41	>NTRK3-E32:RLEHCIKFV	142	101
>NTRK3-E32:RLEHCIEFVV	51	>NTRK3-E32:RLEHCIKFVV	118	67
>NTRK3-E32:RLEHCIEFV	51	>NTRK3-E32:RLEHCIKFV	470	419
>NTRK3-E32:RLEHCIEFVV	140	>NTRK3-E32:RLEHCIKFVV	393	253
>NTRK3-E32:RLEHCIEFV	7	>NTRK3-E32:RLEHCIKFV	10	3
>NTRK3-E32:RLEHCIEFVV	9	>NTRK3-E32:RLEHCIKFVV	10	1
>NTRK3-E32:RLEHCIEFVVF	39	>NTRK3-E32:RLEHCIKFVVF	26	13
>NTRK3-E32:RLEHCIEF	424	>NTRK3-E32:RLEHCIKF	499	75
>NTRK3-E32:RLEHCIEF	147	>NTRK3-E32:RLEHCIKF	296	149
>NTRK3-E32:RLEHCIEFVVF	42	>NTRK3-E32:RLEHCIKFVVF	39	3
>NTRK3-E32:LRLEHCIEFV	801	>NTRK3-E32:LRLEHCIKFV	356	445
>NTRK3-E32:LRLEHCIEFV	292	>NTRK3-E32:LRLEHCIKFV	1266	974
>NTRK3-E32:LRLEHCIEF	18	>NTRK3-E32:LRLEHCIKF	33	15
>NTRK3-E32:LRLEHCIEFVV	678	>NTRK3-E32:LRLEHCIKFVV	423	255
>NTRK3-E32:LRLEHCIEF	140	>NTRK3-E32:LRLEHCIKF	279	139
>NTRK3-E32:ELRLEHCIEFV	273	>NTRK3-E32:ELRLEHCIKFV	747	474
>NTRK3-E32:ELRLEHCIEFV	404	>NTRK3-E32:ELRLEHCIKFV	1758	1354

>NTRK3-E32:ELRLEHCIEFV	25	>NTRK3-E32:ELRLEHCIKFV	39	14
>NTRK3-E32:ELRLEHCIEF	316	>NTRK3-E32:ELRLEHCIKF	690	374
>NTRK3-E32:PELRLEHCIEF	171	>NTRK3-E32:PELRLEHCIKF	292	121
>NTRK3-E32:PELRLEHCIEF	466	>NTRK3-E32:PELRLEHCIKF	617	151
>NTRK3-H67'HRDLATRNCI	31	>NTRK3-H67'YRDLATRNCI	137	106
>NTRK3-H67'HRDLATRNCI	41	>NTRK3-H67'YRDLATRNCI	33	8
>NTRK3-H67'HRDLATRNCI	395	>NTRK3-H67'YRDLATRNCI	2472	2077
>NTRK3-H67'VHRDLATR	2933	>NTRK3-H67'VYRDLATR	45	2888
>NTRK3-H67'VHRDLATR	4913	>NTRK3-H67'VYRDLATR	55	4858
>NTRK3-H67'VHRDLATR	2401	>NTRK3-H67'VYRDLATR	106	2295
>NTRK3-H67'MVYLASQHF'	322	>NTRK3-H67'MVYLASQHF'	97	225
>NTRK3-H67'MVYLASQHF'	383	>NTRK3-H67'MVYLASQHF'	62	321
>NTRK3-H67'MVYLASQHF'	12244	>NTRK3-H67'MVYLASQHF'	315	11929
>NTRK3-H67'MVYLASQHF'	1014	>NTRK3-H67'MVYLASQHF'	11	1003
>NTRK3-H67'MVYLASQHF'	3171	>NTRK3-H67'MVYLASQHF'	374	2797
>NTRK3-H67'MVYLASQHF'	11879	>NTRK3-H67'MVYLASQHF'	99	11780
>NTRK3-H67'MVYLASQHF'	226	>NTRK3-H67'MVYLASQHF'	36	190
>NTRK3-H67'MVYLASQHF'	13873	>NTRK3-H67'MVYLASQHF'	66	13807
>NTRK3-H67'MVYLASQHF'	1606	>NTRK3-H67'MVYLASQHF'	48	1558
>NTRK3-H67'MVYLASQHF'	8912	>NTRK3-H67'MVYLASQHF'	230	8682
>NTRK3-H67'MVYLASQHF'	3938	>NTRK3-H67'MVYLASQHF'	146	3792
>NTRK3-H67'MVYLASQHF'	3707	>NTRK3-H67'MVYLASQHF'	8	3699
>NTRK3-H67'MVYLASQHF'	195	>NTRK3-H67'MVYLASQHF'	12	183
>NTRK3-H67'MVYLASQHF'	9224	>NTRK3-H67'MVYLASQHF'	156	9068
>NTRK3-H67'MVYLASQHF'	2073	>NTRK3-H67'MVYLASQHF'	122	1951
>NTRK3-H67'MVYLASQHF'	20469	>NTRK3-H67'MVYLASQHF'	65	20404
>NTRK3-H67'FVHRDLAT	1441	>NTRK3-H67'FVYRDLAT	227	1214
>NTRK3-H67'FVHRDLAT	562	>NTRK3-H67'FVYRDLAT	49	513
>NTRK3-H67'FVHRDLATR	398	>NTRK3-H67'FVYRDLATR	164	234
>NTRK3-H67'FVHRDLATR	818	>NTRK3-H67'FVYRDLATR	268	550
>NTRK3-H67'FVHRDLATR	37	>NTRK3-H67'FVYRDLATR	12	25
>NTRK3-H67'HFVHRDLATF	68	>NTRK3-H67'HFVYRDLATR	82	14
>NTRK3-H67'HFVHRDLATF	149	>NTRK3-H67'HFVYRDLATR	104	45
>NTRK3-H67'HFVHRDLATF	59	>NTRK3-H67'HFVYRDLATR	21	38
>NTRK3-H67'HFVHRDLATF	846	>NTRK3-H67'HFVYRDLATR	419	427
>NTRK3-H67'HFVHRDLATF	32	>NTRK3-H67'HFVYRDLATR	44	12
>NTRK3-H67'QHFVHRDL	3924	>NTRK3-H67'QHFVYRDL	341	3583
>NTRK3-H67'QHFVHRDL	647	>NTRK3-H67'QHFVYRDL	389	258
>NTRK3-H67'SQHFVHRDL	474	>NTRK3-H67'SQHFVYRDL	266	208
>NTRK3-H67'ASQHFVHRD	368	>NTRK3-H67'ASQHFVYRDI	392	24
>NTRK3-H67'ASQHFVHR	169	>NTRK3-H67'ASQHFVYR	28	141
>NTRK3-H67'ASQHFVHR	11	>NTRK3-H67'ASQHFVYR	8	3
>NTRK3-H67'ASQHFVHR	491	>NTRK3-H67'ASQHFVYR	165	326

>NTRK3-H67 ASQHFVHRD	229	>NTRK3-H67 ASQHFVYRDI	422	193
>NTRK3-H67 ASQHFVHR	57	>NTRK3-H67 ASQHFVYR	57	0
>NTRK3-H67 ASQHFVHR	845	>NTRK3-H67 ASQHFVYR	259	586
>NTRK3-H67 LASQHFVH	12136	>NTRK3-H67 LASQHFVY	89	12047
>NTRK3-H67 LASQHFVH	17272	>NTRK3-H67 LASQHFVY	178	17094
>NTRK3-H67 LASQHFVHR	32	>NTRK3-H67 LASQHFVYR	12	20
>NTRK3-H67 LASQHFVHR	207	>NTRK3-H67 LASQHFVYR	89	118
>NTRK3-H67 LASQHFVHR	52	>NTRK3-H67 LASQHFVYR	17	35
>NTRK3-H67 LASQHFVH	3366	>NTRK3-H67 LASQHFVY	70	3296
>NTRK3-H67 LASQHFVH	6632	>NTRK3-H67 LASQHFVY	196	6436
>NTRK3-H67 LASQHFVH	9375	>NTRK3-H67 LASQHFVY	28	9347
>NTRK3-H67 LASQHFVH	365	>NTRK3-H67 LASQHFVY	18	347
>NTRK3-H67 LASQHFVH	18333	>NTRK3-H67 LASQHFVY	239	18094
>NTRK3-H67 LASQHFVH	6981	>NTRK3-H67 LASQHFVY	113	6868
>NTRK3-H67 LASQHFVH	32309	>NTRK3-H67 LASQHFVY	278	32031
>NTRK3-H67 LASQHFVHR	142	>NTRK3-H67 LASQHFVYR	140	2
>NTRK3-H67 LASQHFVHR	104	>NTRK3-H67 LASQHFVYR	38	66
>NTRK3-H67 YLASQHFVH	17693	>NTRK3-H67 YLASQHFVY	169	17524
>NTRK3-H67 YLASQHFVHF	1993	>NTRK3-H67 YLASQHFVYR	288	1705
>NTRK3-H67 YLASQHFVHF	210	>NTRK3-H67 YLASQHFVYR	150	60
>NTRK3-H67 YLASQHFVH	1087	>NTRK3-H67 YLASQHFVY	68	1019
>NTRK3-H67 YLASQHFVHF	307	>NTRK3-H67 YLASQHFVYR	127	180
>NTRK3-H67 YLASQHFVHF	137	>NTRK3-H67 YLASQHFVYR	564	427
>NTRK3-H67 YLASQHFVHF	966	>NTRK3-H67 YLASQHFVYR	339	627
>NTRK3-H67 YLASQHFVH	17280	>NTRK3-H67 YLASQHFVY	393	16887
>NTRK3-H67 YLASQHFVH	294	>NTRK3-H67 YLASQHFVY	7	287
>NTRK3-H67 YLASQHFVH	6648	>NTRK3-H67 YLASQHFVY	39	6609
>NTRK3-H67 YLASQHFVHF	286	>NTRK3-H67 YLASQHFVYR	75	211
>NTRK3-H67 YLASQHFVHF	796	>NTRK3-H67 YLASQHFVYR	95	701
>NTRK3-H67 YLASQHFVH	3152	>NTRK3-H67 YLASQHFVY	423	2729
>NTRK3-H67 YLASQHFVHF	50	>NTRK3-H67 YLASQHFVYR	10	40
>NTRK3-H67 YLASQHFVH	4199	>NTRK3-H67 YLASQHFVY	6	4193
>NTRK3-H67 YLASQHFVH	777	>NTRK3-H67 YLASQHFVY	35	742
>NTRK3-H67 YLASQHFVH	1367	>NTRK3-H67 YLASQHFVY	25	1342
>NTRK3-H67 YLASQHFVH	1535	>NTRK3-H67 YLASQHFVY	35	1500
>NTRK3-H67 YLASQHFVH	1454	>NTRK3-H67 YLASQHFVY	48	1406
>NTRK3-H67 YLASQHFVH	2749	>NTRK3-H67 YLASQHFVY	199	2550
>NTRK3-H67 YLASQHFVH	22329	>NTRK3-H67 YLASQHFVY	50	22279
>NTRK3-H67 YLASQHFVH	4803	>NTRK3-H67 YLASQHFVY	60	4743
>NTRK3-H67 YLASQHFVHF	276	>NTRK3-H67 YLASQHFVYR	174	102
>NTRK3-H67 YLASQHFVHF	64	>NTRK3-H67 YLASQHFVYR	36	28
>NTRK3-H67 VYLASQHFVH	4219	>NTRK3-H67 VYLASQHFVY	75	4144
>NTRK3-H67 VYLASQHFVH	3074	>NTRK3-H67 VYLASQHFVY	131	2943

>NTRK3-H67' VYLASQHFV+	1442	>NTRK3-H67' VYLASQHFVY	93	1349
>NTRK3-H67' VYLASQHFV+	430	>NTRK3-H67' VYLASQHFVY	243	187
>NTRK3-H67' VYLASQHFV+	4913	>NTRK3-H67' VYLASQHFVY	21	4892
>NTRK3-H67' VYLASQHFV+	14294	>NTRK3-H67' VYLASQHFVY	55	14239
>NTRK3-H67' VYLASQHFV+	15	>NTRK3-H67' VYLASQHFVY	8	7
>NTRK3-H67' VYLASQHFV+	43	>NTRK3-H67' VYLASQHFVY	28	15
>NTRK3-H67' VYLASQHFV+	8839	>NTRK3-H67' VYLASQHFVY	16	8823
>NTRK3-H67' VYLASQHFV+	14	>NTRK3-H67' VYLASQHFVY	12	2
>NTRK3-I488 ITTPSSLDA	206	>NTRK3-I488 TTTTPSSLDA	1939	1733
>NTRK3-I488 GITTPSSL	391	>NTRK3-I488 GTTTPSSL	7303	6912
>NTRK3-I488 GITTPSSL	9457	>NTRK3-I488 GTTTPSSL	36	9421
>NTRK3-I488 GITTPSSLD	3939	>NTRK3-I488 GTTTPSSLD	120	3819
>NTRK3-I488 GITTPSSL	17998	>NTRK3-I488 GTTTPSSL	497	17501
>NTRK3-I488 ASPLHHINHG	9	>NTRK3-I488 ASPLHHINHG	739	730
>NTRK3-I488 ASPLHHINHG	372	>NTRK3-I488 ASPLHHINHG	35086	34714
>NTRK3-I488 HGITTPSSL	138	>NTRK3-I488 HGTTTPSSL	993	855
>NTRK3-I488 NHGITTPSSL	99	>NTRK3-I488 NHGTTTPSSL	32	67
>NTRK3-I488 INHGITTPSSL	1145	>NTRK3-I488 INHGTTTPSSI	461	684
>NTRK3-I488 PLHHINHGI	331	>NTRK3-I488 PLHHINHGT	5413	5082
>NTRK3-I488 PLHHINHGI	190	>NTRK3-I488 PLHHINHGT	4169	3979
>NTRK3-I488 PLHHINHGI	149	>NTRK3-I488 PLHHINHGT	2234	2085
>NTRK3-I488 SPLHHINHGI	265	>NTRK3-I488 SPLHHINHGT	3255	2990
>NTRK3-I488 SPLHHINHGI	169	>NTRK3-I488 SPLHHINHGT	3826	3657
>NTRK3-I488 SPLHHINHGI	290	>NTRK3-I488 SPLHHINHGT	681	391
>NTRK3-I769 ITQGRVLER	119	>NTRK3-I769 NTQGRVLER	927	808
>NTRK3-I769 ITQGRVLER	78	>NTRK3-I769 NTQGRVLER	533	455
>NTRK3-I769 ITQGRVLERP	62	>NTRK3-I769 NTQGRVLERF	352	290
>NTRK3-I769 ITQGRVLER	130	>NTRK3-I769 NTQGRVLER	70	60
>NTRK3-I769 ITQGRVLERP	107	>NTRK3-I769 NTQGRVLERF	65	42
>NTRK3-I769 ITQGRVLER	123	>NTRK3-I769 NTQGRVLER	66	57
>NTRK3-I769 ITQGRVLERP	300	>NTRK3-I769 NTQGRVLERF	164	136
>NTRK3-I769 ITQGRVLER	361	>NTRK3-I769 NTQGRVLER	928	567
>NTRK3-I769 CITQGRVLER	334	>NTRK3-I769 CNTQGRVLEF	4173	3839
>NTRK3-I769 CITQGRVLER	419	>NTRK3-I769 CNTQGRVLEF	11320	10901
>NTRK3-I769 CITQGRVLER	144	>NTRK3-I769 CNTQGRVLEF	974	830
>NTRK3-I769 QLSNTEVIECI	79	>NTRK3-I769 QLSNTEVIECI	7778	7699
>NTRK3-I769 QLSNTEVIECI	179	>NTRK3-I769 QLSNTEVIECI	13953	13774
>NTRK3-I769 QLSNTEVIECI	170	>NTRK3-I769 QLSNTEVIECI	20649	20479
>NTRK3-I769 QLSNTEVIECI	196	>NTRK3-I769 QLSNTEVIECI	19131	18935
>NTRK3-I769 QLSNTEVIECI	205	>NTRK3-I769 QLSNTEVIECI	23154	22949
>NTRK3-I769 QLSNTEVIECI	219	>NTRK3-I769 QLSNTEVIECI	20629	20410
>NTRK3-I769 ECITQGRVL	328	>NTRK3-I769 ECNTQGRVL	10888	10560
>NTRK3-I769 ECITQGRV	355	>NTRK3-I769 ECNTQGRV	1170	815

>NTRK3-I769 IECITQGRV	227	>NTRK3-I769 IECNTQGRV	449	222
>NTRK3-I769 IECITQGRVL	370	>NTRK3-I769 IECNTQGRVL	666	296
>NTRK3-I769 IECITQGRV	263	>NTRK3-I769 IECNTQGRV	253	10
>NTRK3-I769 IECITQGRVL	169	>NTRK3-I769 IECNTQGRVL	141	28
>NTRK3-I769 VIECITQGRV	361	>NTRK3-I769 VIECNTQGRV	278	83
>NTRK3-I769 VIECITQGRV	92	>NTRK3-I769 VIECNTQGRV	67	25
>NTRK3-I769 VIECITQGR	196	>NTRK3-I769 VIECNTQGR	760	564
>NTRK3-I769 VIECITQGR	183	>NTRK3-I769 VIECNTQGR	273	90
>NTRK3-I769 EVIECITQGR\	152	>NTRK3-I769 EVIECNTQGR	347	195
>NTRK3-I769 EVIECITQ	579	>NTRK3-I769 EVIECNTQ	486	93
>NTRK3-I769 EVIECITQGR\	72	>NTRK3-I769 EVIECNTQGR	134	62
>NTRK3-I769 EVIECITQ	80	>NTRK3-I769 EVIECNTQ	118	38
>NTRK3-I769 EVIECITQGR	215	>NTRK3-I769 EVIECNTQGR	351	136
>NTRK3-I769 EVIECITQGR\	35	>NTRK3-I769 EVIECNTQGR	75	40
>NTRK3-I769 EVIECITQGR	234	>NTRK3-I769 EVIECNTQGR	752	518
>NTRK3-I769 EVIECITQGR	163	>NTRK3-I769 EVIECNTQGR	640	477
>NTRK3-I769 EVIECITQ	285	>NTRK3-I769 EVIECNTQ	266	19
>NTRK3-I769 EVIECITQGR	4	>NTRK3-I769 EVIECNTQGR	8	4
>NTRK3-I769 EVIECITQGR\	6	>NTRK3-I769 EVIECNTQGR	6	0
>NTRK3-I769 EVIECITQGR\	10	>NTRK3-I769 EVIECNTQGR	11	1
>NTRK3-I769 EVIECITQGR	184	>NTRK3-I769 EVIECNTQGR	230	46
>NTRK3-I769 NTEVIECI	493	>NTRK3-I769 NTEVIECN	20337	19844
>NTRK3-I769 SNTEVIECI	409	>NTRK3-I769 SNTEVIECN	33606	33197
>NTRK3-I769 LSNTVIECI	437	>NTRK3-I769 LSNTVIECN	17327	16890
>NTRK3-I769 LSNTVIECI	134	>NTRK3-I769 LSNTVIECN	35647	35513
>NTRK3-L152 LRELQLEQNF	257	>NTRK3-L152 IRELQLEQNF	165	92
>NTRK3-L152 LRELQLEQNF	790	>NTRK3-L152 IRELQLEQNF	366	424
>NTRK3-L152 LRELQLEQNF	844	>NTRK3-L152 IRELQLEQNF I	475	369
>NTRK3-L152 SLRELQLEQ	100	>NTRK3-L152 SIRELQLEQ	6444	6344
>NTRK3-L152 SLRELQLEQN	222	>NTRK3-L152 SIRELQLEQNI	599	377
>NTRK3-L152 SLRELQLEQN	402	>NTRK3-L152 SIRELQLEQNI	2420	2018
>NTRK3-L152 SLRELQLEQN	89	>NTRK3-L152 SIRELQLEQNI	390	301
>NTRK3-L152 SLRELQLEQN	501	>NTRK3-L152 SIRELQLEQNI	339	162
>NTRK3-L152 LSWQLFQTLS	7146	>NTRK3-L152 LSWQLFQTLS	472	6674
>NTRK3-L152 LSWQLFQTLS	178	>NTRK3-L152 LSWQLFQTLS	78	100
>NTRK3-L152 LSWQLFQTLS	90	>NTRK3-L152 LSWQLFQTLS	140	50
>NTRK3-L152 LSWQLFQTLS	10	>NTRK3-L152 LSWQLFQTLS	35	25
>NTRK3-L152 LSWQLFQTLS	207	>NTRK3-L152 LSWQLFQTLS	113	94
>NTRK3-L152 LSWQLFQTLS	417	>NTRK3-L152 LSWQLFQTLS	1143	726
>NTRK3-L152 LSWQLFQTLS	299	>NTRK3-L152 LSWQLFQTLS	596	297
>NTRK3-L152 LSWQLFQTLS	34	>NTRK3-L152 LSWQLFQTLS	8	26
>NTRK3-L152 LSLRELQL	28	>NTRK3-L152 LSIRELQL	25	3
>NTRK3-L152 LSLRELQL	233	>NTRK3-L152 LSIRELQL	116	117

>NTRK3-L152TSLRELQL	231	>NTRK3-L152TSLSIRELQL	177	54
>NTRK3-L152TSLRELQL	44	>NTRK3-L152TSLSIRELQL	21	23
>NTRK3-L152TSLRELQL	483	>NTRK3-L152TSLSIRELQL	351	132
>NTRK3-L152QTLSLREL	649	>NTRK3-L152QTLSIREL	348	301
>NTRK3-L152QTLSLRELQL	464	>NTRK3-L152QTLSIRELQL	256	208
>NTRK3-L152QTLSLRELQ	1568	>NTRK3-L152QTLSIRELQ	372	1196
>NTRK3-L152QTLSLREL	884	>NTRK3-L152QTLSIREL	223	661
>NTRK3-L152QTLSLREL	264	>NTRK3-L152QTLSIREL	230	34
>NTRK3-L152QTLSLRELQL	506	>NTRK3-L152QTLSIRELQL	392	114
>NTRK3-L152QTLSLREL	84	>NTRK3-L152QTLSIREL	121	37
>NTRK3-L152QTLSLRELQL	46	>NTRK3-L152QTLSIRELQL	66	20
>NTRK3-L152QTLSLRELQ	296	>NTRK3-L152QTLSIRELQ	253	43
>NTRK3-L152FQTLSLREL	213	>NTRK3-L152FQTLSIREL	248	35
>NTRK3-L152FQTLSLREL	285	>NTRK3-L152FQTLSIREL	348	63
>NTRK3-L152FQTLSLREL	20	>NTRK3-L152FQTLSIREL	33	13
>NTRK3-L152FQTLSLRELQI	53	>NTRK3-L152FQTLSIRELQL	67	14
>NTRK3-L152FQTLSLREL	136	>NTRK3-L152FQTLSIREL	75	61
>NTRK3-L152FQTLSLRELQI	353	>NTRK3-L152FQTLSIRELQL	244	109
>NTRK3-L152LFQTLSLREL	119	>NTRK3-L152LFQTLSIREL	121	2
>NTRK3-L152LFQTLSLR	24	>NTRK3-L152LFQTLSIR	42	18
>NTRK3-L152LFQTLSLR	158	>NTRK3-L152LFQTLSIR	549	391
>NTRK3-L152LFQTLSLR	226	>NTRK3-L152LFQTLSIR	362	136
>NTRK3-L152QLFQTLSL	71	>NTRK3-L152QLFQTLSI	95	24
>NTRK3-L152QLFQTLSLREI	259	>NTRK3-L152QLFQTLSIREL	307	48
>NTRK3-L152QLFQTLSL	26	>NTRK3-L152QLFQTLSI	65	39
>NTRK3-L152QLFQTLSLREI	48	>NTRK3-L152QLFQTLSIREL	67	19
>NTRK3-L152QLFQTLSL	50	>NTRK3-L152QLFQTLSI	27	23
>NTRK3-L152QLFQTLSLREI	71	>NTRK3-L152QLFQTLSIREL	86	15
>NTRK3-L152QLFQTLSL	166	>NTRK3-L152QLFQTLSI	179	13
>NTRK3-L152QLFQTLSL	14	>NTRK3-L152QLFQTLSI	12	2
>NTRK3-L152QLFQTLSLREI	17	>NTRK3-L152QLFQTLSIREL	14	3
>NTRK3-L152QLFQTLSL	82	>NTRK3-L152QLFQTLSI	82	0
>NTRK3-L152QLFQTLSLREI	248	>NTRK3-L152QLFQTLSIREL	242	6
>NTRK3-L152QLFQTLSL	59	>NTRK3-L152QLFQTLSI	80	21
>NTRK3-L152QLFQTLSLREI	213	>NTRK3-L152QLFQTLSIREL	164	49
>NTRK3-L152QLFQTLSL	410	>NTRK3-L152QLFQTLSI	761	351
>NTRK3-L152QLFQTLSL	5	>NTRK3-L152QLFQTLSI	12	7
>NTRK3-L152QLFQTLSLREI	13	>NTRK3-L152QLFQTLSIREL	11	2
>NTRK3-L152QLFQTLSLR	339	>NTRK3-L152QLFQTLSIR	1833	1494
>NTRK3-L152QLFQTLSLR	144	>NTRK3-L152QLFQTLSIR	428	284
>NTRK3-L152QLFQTLSL	49	>NTRK3-L152QLFQTLSI	18	31
>NTRK3-L152QLFQTLSLR	294	>NTRK3-L152QLFQTLSIR	1550	1256
>NTRK3-L152QLFQTLSLR	19	>NTRK3-L152QLFQTLSIR	76	57



>NTRK3-L152QLFQTLSSL	322	>NTRK3-L152QLFQTLSSI	855	533
>NTRK3-L152QLFQTLSSL	130	>NTRK3-L152QLFQTLSSI	218	88
>NTRK3-L152QLFQTLSSLREI	323	>NTRK3-L152QLFQTLSSIREL	214	109
>NTRK3-L152QLFQTLSSLR	173	>NTRK3-L152QLFQTLSSIR	299	126
>NTRK3-L152WQLFQTLSSL	2028	>NTRK3-L152WQLFQTLSSI	100	1928
>NTRK3-L152WQLFQTLSSL	381	>NTRK3-L152WQLFQTLSSI	467	86
>NTRK3-L152WQLFQTLSSL	14	>NTRK3-L152WQLFQTLSSI	14	0
>NTRK3-L152WQLFQTLSSLF	492	>NTRK3-L152WQLFQTLSSIR	1177	685
>NTRK3-L152WQLFQTLSSLF	151	>NTRK3-L152WQLFQTLSSIR	473	322
>NTRK3-L152WQLFQTLSSLF	348	>NTRK3-L152WQLFQTLSSIR	1226	878
>NTRK3-L152WQLFQTLSSL	225	>NTRK3-L152WQLFQTLSSI	596	371
>NTRK3-L152WQLFQTLSSL	24	>NTRK3-L152WQLFQTLSSI	36	12
>NTRK3-L152WQLFQTLSSLF	452	>NTRK3-L152WQLFQTLSSIR	186	266
>NTRK3-L152WQLFQTLSSL	27	>NTRK3-L152WQLFQTLSSI	291	264
>NTRK3-L152WQLFQTLSSL	469	>NTRK3-L152WQLFQTLSSI	1099	630
>NTRK3-L152WQLFQTLSSL	78	>NTRK3-L152WQLFQTLSSI	417	339
>NTRK3-L152WQLFQTLSSL	1522	>NTRK3-L152WQLFQTLSSI	463	1059
>NTRK3-L152WQLFQTLSSLF	220	>NTRK3-L152WQLFQTLSSIR	307	87
>NTRK3-L152SWQLFQTLSSL	221	>NTRK3-L152SWQLFQTLSSI	615	394
>NTRK3-L152SWQLFQTLSSL	127	>NTRK3-L152SWQLFQTLSSI	141	14
>NTRK3-L152SWQLFQTLSSL	84	>NTRK3-L152SWQLFQTLSSI	197	113
>NTRK3-L152SWQLFQTLSSL	28	>NTRK3-L152SWQLFQTLSSI	39	11
>NTRK3-L152SWQLFQTLSSL	100	>NTRK3-L152SWQLFQTLSSI	227	127
>NTRK3-L152SWQLFQTLSSL	222	>NTRK3-L152SWQLFQTLSSI	268	46
>NTRK3-L248LQSINTHQTN	109	>NTRK3-L248MQSINTHQTN	31	78
>NTRK3-L248LQSINTHQTN	624	>NTRK3-L248MQSINTHQTN	177	447
>NTRK3-L248LQSINTHQTN	793	>NTRK3-L248MQSINTHQTN	212	581
>NTRK3-L248LQSINTHQTN	74	>NTRK3-L248MQSINTHQTN	37	37
>NTRK3-L248LQSINTHQTN	2601	>NTRK3-L248MQSINTHQTN	274	2327
>NTRK3-L248GLQSINTHQTN	58	>NTRK3-L248GMQSINTHQTN	110	52
>NTRK3-L248LPDVDWIVTC	311	>NTRK3-L248LPDVDWIVTC	34	277
>NTRK3-L248LPDVDWIVTC	147	>NTRK3-L248LPDVDWIVTC	94	53
>NTRK3-L248IVTGLQSI	264	>NTRK3-L248IVTGMQSI	480	216
>NTRK3-L248IVTGLQSI	187	>NTRK3-L248IVTGMQSI	154	33
>NTRK3-L248IVTGLQSINT	185	>NTRK3-L248IVTGMQSINT	213	28
>NTRK3-L248WIVTGLQSI	458	>NTRK3-L248WIVTGMQSI	666	208
>NTRK3-L248WIVTGLQSI	29	>NTRK3-L248WIVTGMQSI	42	13
>NTRK3-L248WIVTGLQSI	14	>NTRK3-L248WIVTGMQSI	23	9
>NTRK3-L248WIVTGLQSI	333	>NTRK3-L248WIVTGMQSI	796	463
>NTRK3-L248WIVTGLQSI	109	>NTRK3-L248WIVTGMQSI	206	97
>NTRK3-L248WIVTGLQSI	928	>NTRK3-L248WIVTGMQSI	312	616
>NTRK3-L248WIVTGLQSI	619	>NTRK3-L248WIVTGMQSI	234	385
>NTRK3-L248WIVTGLQSI	703	>NTRK3-L248WIVTGMQSI	372	331

>NTRK3-L24€VDWIVTGLQ!	56	>NTRK3-L24€VDWIVTGMC	71	15
>NTRK3-L24€VDWIVTGLQ!	83	>NTRK3-L24€VDWIVTGMC	109	26
>NTRK3-L24€VDWIVTGLQ!	448	>NTRK3-L24€VDWIVTGMC	497	49
>NTRK3-L24€VDWIVTGLQ!	117	>NTRK3-L24€VDWIVTGMC	91	26
>NTRK3-L24€DVDWIVTGL	209	>NTRK3-L24€DVDWIVTGM	2027	1818
>NTRK3-L24€DVDWIVTGL	15	>NTRK3-L24€DVDWIVTGM	20	5
>NTRK3-L27C LVNVTSEDNC	176	>NTRK3-L27C MVNVTSEDN	213	37
>NTRK3-L27C LVNVTSEDNC	579	>NTRK3-L27C MVNVTSEDN	339	240
>NTRK3-L27C LVNVTSEDNC	670	>NTRK3-L27C MVNVTSEDN	274	396
>NTRK3-L27C LVNVTSEDNC	496	>NTRK3-L27C MVNVTSEDN	86	410
>NTRK3-L27C LVNVTSEDNC	884	>NTRK3-L27C MVNVTSEDN	393	491
>NTRK3-L27C WTNVHAINL'	464	>NTRK3-L27C WTNVHAINL'	3246	2782
>NTRK3-L27C WTNVHAINL'	230	>NTRK3-L27C WTNVHAINL'	301	71
>NTRK3-L27C WTNVHAINL'	17	>NTRK3-L27C WTNVHAINL'	13	4
>NTRK3-L27C WTNVHAINL'	2105	>NTRK3-L27C WTNVHAINL'	166	1939
>NTRK3-L27C WTNVHAINL'	1664	>NTRK3-L27C WTNVHAINL'	479	1185
>NTRK3-L27C WTNVHAINL'	138	>NTRK3-L27C WTNVHAINL'	26	112
>NTRK3-L27C INLTLVNV	84	>NTRK3-L27C INLTMVNV	72	12
>NTRK3-L27C AINLTLVNV	147	>NTRK3-L27C AINLTMVNV	149	2
>NTRK3-L27C AINLTLVNV	19	>NTRK3-L27C AINLTMVNV	26	7
>NTRK3-L27C AINLTLVNV	141	>NTRK3-L27C AINLTMVNV	266	125
>NTRK3-L27C AINLTLVNV	66	>NTRK3-L27C AINLTMVNV	162	96
>NTRK3-L27C AINLTLVNV	200	>NTRK3-L27C AINLTMVNV	672	472
>NTRK3-L27C AINLTLVNV	66	>NTRK3-L27C AINLTMVNV	129	63
>NTRK3-L27C AINLTLVNV	82	>NTRK3-L27C AINLTMVNV	751	669
>NTRK3-L27C AINLTLVNV	11	>NTRK3-L27C AINLTMVNV	21	10
>NTRK3-L27C HAINLTLVNV	332	>NTRK3-L27C HAINLTMVN'	752	420
>NTRK3-L27C HAINLTLV	481	>NTRK3-L27C HAINLTMV	908	427
>NTRK3-L27C HAINLTLV	162	>NTRK3-L27C HAINLTMV	192	30
>NTRK3-L27C HAINLTLVNV	118	>NTRK3-L27C HAINLTMVN'	205	87
>NTRK3-L27C HAINLTLV	60	>NTRK3-L27C HAINLTMV	102	42
>NTRK3-L27C HAINLTLVNV	84	>NTRK3-L27C HAINLTMVN'	163	79
>NTRK3-L27C HAINLTLV	19	>NTRK3-L27C HAINLTMV	20	1
>NTRK3-L27C HAINLTLVNV	132	>NTRK3-L27C HAINLTMVN'	85	47
>NTRK3-L27C HAINLTLV	71	>NTRK3-L27C HAINLTMV	30	41
>NTRK3-L27C HAINLTLVNV	41	>NTRK3-L27C HAINLTMVN'	25	16
>NTRK3-L27C VHAINLTL	418	>NTRK3-L27C VHAINLTM	902	484
>NTRK3-L27C VHAINLTL	347	>NTRK3-L27C VHAINLTM	1661	1314
>NTRK3-L27C NVHAINLTLV	427	>NTRK3-L27C NVHAINLTM'	757	330
>NTRK3-L27C NVHAINLTLV	79	>NTRK3-L27C NVHAINLTM'	110	31
>NTRK3-L27C NVHAINLTLV	768	>NTRK3-L27C NVHAINLTM'	363	405
>NTRK3-L27C NVHAINLTLV	204	>NTRK3-L27C NVHAINLTM'	251	47
>NTRK3-L27C NVHAINLTL	1307	>NTRK3-L27C NVHAINLTM	213	1094

>NTRK3-L27C NVHAINLTL	287	>NTRK3-L27C NVHAINLTM	1176	889
>NTRK3-L27C NVHAINLTL	38	>NTRK3-L27C NVHAINLTM	362	324
>NTRK3-L27C NVHAINLTLV	120	>NTRK3-L27C NVHAINLTM'	211	91
>NTRK3-L27C NVHAINLTLV	137	>NTRK3-L27C NVHAINLTM'	69	68
>NTRK3-L27C NVHAINLTL	3072	>NTRK3-L27C NVHAINLTM	222	2850
>NTRK3-L27C NVHAINLTL	356	>NTRK3-L27C NVHAINLTM	2217	1861
>NTRK3-L27C TNVHAINLTL'	112	>NTRK3-L27C TNVHAINLTM	185	73
>NTRK3-L33C WLHNGQPL	321	>NTRK3-L33C WQHNGQPL	4446	4125
>NTRK3-L33C WLHNGQPL	100	>NTRK3-L33C WQHNGQPL	2954	2854
>NTRK3-L33C WLHNGQPL	33	>NTRK3-L33C WQHNGQPL	845	812
>NTRK3-L33C WLHNGQPL	174	>NTRK3-L33C WQHNGQPL	71	103
>NTRK3-L33C WLHNGQPL	7	>NTRK3-L33C WQHNGQPL	937	930
>NTRK3-L33C WLHNGQPL	26	>NTRK3-L33C WQHNGQPL	2878	2852
>NTRK3-L33C WLHNGQPL	36	>NTRK3-L33C WQHNGQPL	3818	3782
>NTRK3-L33C WLHNGQPL	183	>NTRK3-L33C WQHNGQPL	12246	12063
>NTRK3-L33C WLHNGQPL	4	>NTRK3-L33C WQHNGQPL	3228	3224
>NTRK3-L33C WLHNGQPLR	450	>NTRK3-L33C WQHNGQPLI	3302	2852
>NTRK3-L33C WLHNGQPL	278	>NTRK3-L33C WQHNGQPL	88	190
>NTRK3-L33C WLHNGQPL	181	>NTRK3-L33C WQHNGQPL	187	6
>NTRK3-L33C WLHNGQPL	176	>NTRK3-L33C WQHNGQPL	13	163
>NTRK3-L33C WLHNGQPL	590	>NTRK3-L33C WQHNGQPL	23	567
>NTRK3-L33C WLHNGQPL	15963	>NTRK3-L33C WQHNGQPL	270	15693
>NTRK3-L33C WLHNGQPL	2356	>NTRK3-L33C WQHNGQPL	51	2305
>NTRK3-L33C RGNPPPTLHV	227	>NTRK3-L33C RGNPPPTLHV	15737	15510
>NTRK3-L33C HWLHNGQPI	112	>NTRK3-L33C HWQHNGQP	225	113
>NTRK3-L33C HWLHNGQPI	12	>NTRK3-L33C HWQHNGQP	18	6
>NTRK3-L33C HWLHNGQPI	341	>NTRK3-L33C HWQHNGQP	591	250
>NTRK3-L33C LHWLHNGQF	169	>NTRK3-L33C LHWQHNGQ	94	75
>NTRK3-L33C LHWLHNGQF	358	>NTRK3-L33C LHWQHNGQ	359	1
>NTRK3-L33C LHWLHNGQF	687	>NTRK3-L33C LHWQHNGQ	332	355
>NTRK3-L33C LHWLHNGQF	451	>NTRK3-L33C LHWQHNGQ	281	170
>NTRK3-L33C TLHWLHNGC	117	>NTRK3-L33C TLHWQHNGC	196	79
>NTRK3-L33C TLHWLHNGC	98	>NTRK3-L33C TLHWQHNGC	112	14
>NTRK3-L33C TLHWLHNGC	16	>NTRK3-L33C TLHWQHNGC	21	5
>NTRK3-L33C TLHWLHNGC	379	>NTRK3-L33C TLHWQHNGC	338	41
>NTRK3-L33C TLHWLHNGC	153	>NTRK3-L33C TLHWQHNGC	237	84
>NTRK3-L33C TLHWLHNGC	594	>NTRK3-L33C TLHWQHNGC	482	112
>NTRK3-L33C TLHWLHNGC	9	>NTRK3-L33C TLHWQHNGC	7	2
>NTRK3-L33C PPPTLHWL	121	>NTRK3-L33C PPPTLHWQ	14175	14054
>NTRK3-L33C PPPTLHWL	351	>NTRK3-L33C PPPTLHWQ	24989	24638
>NTRK3-L33C NPPPTLHWL	208	>NTRK3-L33C NPPPTLHWQ	18318	18110
>NTRK3-L33C NPPPTLHWL	26	>NTRK3-L33C NPPPTLHWQ	4357	4331
>NTRK3-L33C GNPPPTLHW	26	>NTRK3-L33C GNPPPTLHW	4307	4281

>NTRK3-L81E LGKATPIYL	176	>NTRK3-L81E FGKATPIYL	3481	3305
>NTRK3-L81E LGKATPIY	245	>NTRK3-L81E FGKATPIY	626	381
>NTRK3-L81E LGKATPIY	270	>NTRK3-L81E FGKATPIY	312	42
>NTRK3-L81E LGKATPIY	2331	>NTRK3-L81E FGKATPIY	302	2029
>NTRK3-L81E LGKATPIY	742	>NTRK3-L81E FGKATPIY	296	446
>NTRK3-L81E ALGKATPI	370	>NTRK3-L81E AFGKATPI	19663	19293
>NTRK3-L81E ALGKATPIYL	74	>NTRK3-L81E AFGKATPIYL	10864	10790
>NTRK3-L81E ALGKATPI	119	>NTRK3-L81E AFGKATPI	7297	7178
>NTRK3-L81E ALGKATPIYL	24	>NTRK3-L81E AFGKATPIYL	3572	3548
>NTRK3-L81E ALGKATPI	51	>NTRK3-L81E AFGKATPI	15377	15326
>NTRK3-L81E ALGKATPIYL	52	>NTRK3-L81E AFGKATPIYL	9028	8976
>NTRK3-L81E ALGKATPI	53	>NTRK3-L81E AFGKATPI	17330	17277
>NTRK3-L81E ALGKATPIYL	10	>NTRK3-L81E AFGKATPIYL	5026	5016
>NTRK3-L81E ALGKATPI	78	>NTRK3-L81E AFGKATPI	18069	17991
>NTRK3-L81E ALGKATPIYL	16	>NTRK3-L81E AFGKATPIYL	14469	14453
>NTRK3-L81E ALGKATPI	40	>NTRK3-L81E AFGKATPI	13414	13374
>NTRK3-L81E ALGKATPIYL	10	>NTRK3-L81E AFGKATPIYL	5752	5742
>NTRK3-L81E ALGKATPIYL	16	>NTRK3-L81E AFGKATPIYL	13704	13688
>NTRK3-L81E ALGKATPI	21	>NTRK3-L81E AFGKATPI	22564	22543
>NTRK3-L81E ALGKATPIYL	8	>NTRK3-L81E AFGKATPIYL	8202	8194
>NTRK3-L81E ALGKATPIYL	10364	>NTRK3-L81E AFGKATPIYL	113	10251
>NTRK3-L81E ALGKATPIY	669	>NTRK3-L81E AFGKATPIY	203	466
>NTRK3-L81E ALGKATPIY	75	>NTRK3-L81E AFGKATPIY	229	154
>NTRK3-L81E ALGKATPI	391	>NTRK3-L81E AFGKATPI	6334	5943
>NTRK3-L81E ALGKATPIY	24	>NTRK3-L81E AFGKATPIY	144	120
>NTRK3-L81E ALGKATPIY	90	>NTRK3-L81E AFGKATPIY	1765	1675
>NTRK3-L81E ALGKATPIYL	13254	>NTRK3-L81E AFGKATPIYL	226	13028
>NTRK3-L81E IKEIYKILHAL	930	>NTRK3-L81E IKEIYKILHAF	42	888
>NTRK3-L81E HALGKATPIYI	2363	>NTRK3-L81E HAFGKATPIYI	364	1999
>NTRK3-L81E HALGKATPIYI	539	>NTRK3-L81E HAFGKATPIYI	328	211
>NTRK3-L81E HALGKATPIY	817	>NTRK3-L81E HAFGKATPIY	190	627
>NTRK3-L81E HALGKATPIYI	553	>NTRK3-L81E HAFGKATPIYI	309	244
>NTRK3-L81E HALGKATPIY	329	>NTRK3-L81E HAFGKATPIY	129	200
>NTRK3-L81E HALGKATPI	439	>NTRK3-L81E HAFGKATPI	55	384
>NTRK3-L81E HALGKATPI	819	>NTRK3-L81E HAFGKATPI	23	796
>NTRK3-L81E HALGKATPIYI	1939	>NTRK3-L81E HAFGKATPIYI	47	1892
>NTRK3-L81E HALGKATPI	194	>NTRK3-L81E HAFGKATPI	449	255
>NTRK3-L81E HALGKATPIYI	188	>NTRK3-L81E HAFGKATPIYI	388	200
>NTRK3-L81E HALGKATPIY	1937	>NTRK3-L81E HAFGKATPIY	309	1628
>NTRK3-L81E HALGKATPIY	1293	>NTRK3-L81E HAFGKATPIY	485	808
>NTRK3-L81E HALGKATPIY	867	>NTRK3-L81E HAFGKATPIY	154	713
>NTRK3-L81E HALGKATPI	33	>NTRK3-L81E HAFGKATPI	16	17
>NTRK3-L81E HALGKATPIY	18	>NTRK3-L81E HAFGKATPIY	14	4

>NTRK3-L81E HALGKATPIYI	40	>NTRK3-L81E HAFGKATPIYI	21	19
>NTRK3-L81E HALGKATPIYI	730	>NTRK3-L81E HAFGKATPIYI	352	378
>NTRK3-L81E HALGKATPIY	1503	>NTRK3-L81E HAFGKATPIY	431	1072
>NTRK3-L81E HALGKATPI	512	>NTRK3-L81E HAFGKATPI	102	410
>NTRK3-L81E LHALGKATPI	691	>NTRK3-L81E LHAFGKATPI	267	424
>NTRK3-L81E LHALGKATPI	217	>NTRK3-L81E LHAFGKATPI	72	145
>NTRK3-L81E LHALGKATPI	513	>NTRK3-L81E LHAFGKATPI	326	187
>NTRK3-L81E LHALGKATPI	304	>NTRK3-L81E LHAFGKATPI	228	76
>NTRK3-L81E ILHALGKATPI	593	>NTRK3-L81E ILHAFGKATPI	368	225
>NTRK3-L81E ILHALGKA	551	>NTRK3-L81E ILHAFGKA	440	111
>NTRK3-L81E ILHALGKATPI	107	>NTRK3-L81E ILHAFGKATPI	75	32
>NTRK3-L81E ILHALGKA	35	>NTRK3-L81E ILHAFGKA	35	0
>NTRK3-L81E ILHALGKATPI	13	>NTRK3-L81E ILHAFGKATPI	10	3
>NTRK3-L81E ILHALGKA	126	>NTRK3-L81E ILHAFGKA	87	39
>NTRK3-L81E ILHALGKAT	1171	>NTRK3-L81E ILHAFGKAT	352	819
>NTRK3-L81E ILHALGKATPI	24	>NTRK3-L81E ILHAFGKATPI	15	9
>NTRK3-L81E ILHALGKATPI	354	>NTRK3-L81E ILHAFGKATPI	258	96
>NTRK3-L81E ILHALGKA	77	>NTRK3-L81E ILHAFGKA	56	21
>NTRK3-L81E ILHALGKATPI	44	>NTRK3-L81E ILHAFGKATPI	27	17
>NTRK3-L81E ILHALGKATPI	356	>NTRK3-L81E ILHAFGKATPI	288	68
>NTRK3-L81E ILHALGKATPI	383	>NTRK3-L81E ILHAFGKATPI	164	219
>NTRK3-L81E KILHALGKA	366	>NTRK3-L81E KILHAFGKA	992	626
>NTRK3-L81E KILHALGKA	231	>NTRK3-L81E KILHAFGKA	116	115
>NTRK3-L81E KILHALGK	49	>NTRK3-L81E KILHAFGK	44	5
>NTRK3-L81E KILHALGK	59	>NTRK3-L81E KILHAFGK	28	31
>NTRK3-L81E KILHALGK	12	>NTRK3-L81E KILHAFGK	14	2
>NTRK3-L81E KILHALGKA	217	>NTRK3-L81E KILHAFGKA	159	58
>NTRK3-L81E KILHALGK	2123	>NTRK3-L81E KILHAFGK	209	1914
>NTRK3-L81E KILHALGK	260	>NTRK3-L81E KILHAFGK	128	132
>NTRK3-L81E YKILHALGKA	583	>NTRK3-L81E YKILHAFGKA	493	90
>NTRK3-L81E IYKILHAL	441	>NTRK3-L81E IYKILHAF	8378	7937
>NTRK3-L81E IYKILHAL	285	>NTRK3-L81E IYKILHAF	39	246
>NTRK3-L81E IYKILHAL	293	>NTRK3-L81E IYKILHAF	82	211
>NTRK3-L81E IYKILHAL	58	>NTRK3-L81E IYKILHAF	20	38
>NTRK3-L81E IYKILHAL	464	>NTRK3-L81E IYKILHAF	3976	3512
>NTRK3-L81E IYKILHALG	378	>NTRK3-L81E IYKILHAFG	72	306
>NTRK3-L81E IYKILHALGK	10	>NTRK3-L81E IYKILHAFGK	13	3
>NTRK3-L81E IYKILHALGKA	167	>NTRK3-L81E IYKILHAFGKA	122	45
>NTRK3-L81E IYKILHAL	5448	>NTRK3-L81E IYKILHAF	383	5065
>NTRK3-L81E IYKILHALGK	291	>NTRK3-L81E IYKILHAFGK	230	61
>NTRK3-L81E EIYKILHAL	136	>NTRK3-L81E EIYKILHAF	5304	5168
>NTRK3-L81E EIYKILHAL	434	>NTRK3-L81E EIYKILHAF	12061	11627
>NTRK3-L81E EIYKILHAL	183	>NTRK3-L81E EIYKILHAF	1831	1648

>NTRK3-L81E EIYKILHAL	110	>NTRK3-L81E EIYKILHAF	7543	7433
>NTRK3-L81E EIYKILHAL	147	>NTRK3-L81E EIYKILHAF	21160	21013
>NTRK3-L81E EIYKILHALGK	89	>NTRK3-L81E EIYKILHAFGK	92	3
>NTRK3-L81E EIYKILHALGK	144	>NTRK3-L81E EIYKILHAFGK	79	65
>NTRK3-L81E EIYKILHAL	142	>NTRK3-L81E EIYKILHAF	46	96
>NTRK3-L81E EIYKILHAL	72	>NTRK3-L81E EIYKILHAF	12	60
>NTRK3-L81E EIYKILHAL	10	>NTRK3-L81E EIYKILHAF	3	7
>NTRK3-L81E EIYKILHAL	448	>NTRK3-L81E EIYKILHAF	318	130
>NTRK3-L81E EIYKILHAL	337	>NTRK3-L81E EIYKILHAF	64	273
>NTRK3-L81E EIYKILHAL	1436	>NTRK3-L81E EIYKILHAF	458	978
>NTRK3-L81E EIYKILHALGK	8	>NTRK3-L81E EIYKILHAFGK	4	4
>NTRK3-L81E EIYKILHAL	18	>NTRK3-L81E EIYKILHAF	2457	2439
>NTRK3-L81E EIYKILHAL	6	>NTRK3-L81E EIYKILHAF	608	602
>NTRK3-L81E EIYKILHAL	286	>NTRK3-L81E EIYKILHAF	1275	989
>NTRK3-L81E EIYKILHAL	3986	>NTRK3-L81E EIYKILHAF	217	3769
>NTRK3-L81E EIYKILHAL	3873	>NTRK3-L81E EIYKILHAF	221	3652
>NTRK3-L81E EIYKILHAL	334	>NTRK3-L81E EIYKILHAF	37	297
>NTRK3-L81E EIYKILHALGK	294	>NTRK3-L81E EIYKILHAFGK	336	42
>NTRK3-L81E KEIYKILHAL	979	>NTRK3-L81E KEIYKILHAF	203	776
>NTRK3-L81E KEIYKILHAL	5805	>NTRK3-L81E KEIYKILHAF	279	5526
>NTRK3-L81E KEIYKILHAL	1071	>NTRK3-L81E KEIYKILHAF	36	1035
>NTRK3-L81E KEIYKILHAL	291	>NTRK3-L81E KEIYKILHAF	1443	1152
>NTRK3-L81E KEIYKILHAL	23	>NTRK3-L81E KEIYKILHAF	47	24
>NTRK3-L81E KEIYKILHAL	326	>NTRK3-L81E KEIYKILHAF	52	274
>NTRK3-L81E KEIYKILHAL	280	>NTRK3-L81E KEIYKILHAF	60	220
>NTRK3-L81E KEIYKILHAL	9	>NTRK3-L81E KEIYKILHAF	16	7
>NTRK3-N95: NAVDMELYT	1275	>NTRK3-N95: SAVDMELYT	173	1102
>NTRK3-N95: NAVDMELYT	799	>NTRK3-N95: SAVDMELYT	228	571
>NTRK3-N95: NAVDMELY	518	>NTRK3-N95: SAVDMELY	245	273
>NTRK3-N95: NAVDMELY	133	>NTRK3-N95: SAVDMELY	51	82
>NTRK3-N95: NAVDMELY	312	>NTRK3-N95: SAVDMELY	868	556
>NTRK3-N95: NAVDMELYT	225	>NTRK3-N95: SAVDMELYT	569	344
>NTRK3-N95: NAVDMELYT	397	>NTRK3-N95: SAVDMELYT	803	406
>NTRK3-N95: NAVDMELY	1492	>NTRK3-N95: SAVDMELY	341	1151
>NTRK3-N95: NAVDMELY	802	>NTRK3-N95: SAVDMELY	44	758
>NTRK3-N95: NAVDMELYT	2288	>NTRK3-N95: SAVDMELYT	111	2177
>NTRK3-N95: NAVDMELY	156	>NTRK3-N95: SAVDMELY	288	132
>NTRK3-N95: NAVDMELY	334	>NTRK3-N95: SAVDMELY	1191	857
>NTRK3-N95: LNAVDMELY	8026	>NTRK3-N95: LSAVDMELY	21	8005
>NTRK3-N95: LNAVDMELY	4840	>NTRK3-N95: LSAVDMELY	117	4723
>NTRK3-N95: LNAVDMELY	212	>NTRK3-N95: LSAVDMELY	61	151
>NTRK3-N95: LNAVDMELY	807	>NTRK3-N95: LSAVDMELY	69	738
>NTRK3-N95: LNAVDMEL	21716	>NTRK3-N95: LSAVDMEL	69	21647

>NTRK3-N95: LNAVDMELY	20130	>NTRK3-N95: LSAVDMELY	16	20114
>NTRK3-N95: LNAVDMEL	15713	>NTRK3-N95: LSAVDMEL	269	15444
>NTRK3-N95: LNAVDMELY	13981	>NTRK3-N95: LSAVDMELY	68	13913
>NTRK3-N95: LNAVDMELY	484	>NTRK3-N95: LSAVDMELY	26	458
>NTRK3-N95: TLNAVDMEL'	483	>NTRK3-N95: TLSAVDMELY	135	348
>NTRK3-N95: TLNAVDMEL	95	>NTRK3-N95: TLSAVDMEL	70	25
>NTRK3-N95: TLNAVDMEL	13	>NTRK3-N95: TLSAVDMEL	8	5
>NTRK3-N95: TLNAVDMEL'	397	>NTRK3-N95: TLSAVDMELY	168	229
>NTRK3-N95: TLNAVDMEL	49	>NTRK3-N95: TLSAVDMEL	74	25
>NTRK3-N95: TLNAVDMEL	34	>NTRK3-N95: TLSAVDMEL	88	54
>NTRK3-N95: TLNAVDMEL'	392	>NTRK3-N95: TLSAVDMELY	944	552
>NTRK3-N95: TLNAVDMEL	138	>NTRK3-N95: TLSAVDMEL	204	66
>NTRK3-N95: TLNAVDMEL	28	>NTRK3-N95: TLSAVDMEL	30	2
>NTRK3-N95: TLNAVDMEL	9	>NTRK3-N95: TLSAVDMEL	8	1
>NTRK3-N95: TLNAVDMEL'	330	>NTRK3-N95: TLSAVDMELY	268	62
>NTRK3-N95: TLNAVDMEL'	744	>NTRK3-N95: TLSAVDMELY	223	521
>NTRK3-N95: TLNAVDMEL'	184	>NTRK3-N95: TLSAVDMELY	118	66
>NTRK3-N95: TLNAVDMEL	56	>NTRK3-N95: TLSAVDMEL	41	15
>NTRK3-N95: TLNAVDMEL'	16	>NTRK3-N95: TLSAVDMELY	20	4
>NTRK3-N95: TLNAVDMEL'	338	>NTRK3-N95: TLSAVDMELY	390	52
>NTRK3-N95: TLNAVDMEL'	301	>NTRK3-N95: TLSAVDMELY	322	21
>NTRK3-N95: HTLNAVDME	258	>NTRK3-N95: HTLSAVDMEI	341	83
>NTRK3-N95: HTLNAVDME	123	>NTRK3-N95: HTLSAVDMEI	91	32
>NTRK3-N95: HTLNAVDME	216	>NTRK3-N95: HTLSAVDMEI	268	52
>NTRK3-N95: HTLNAVDME	571	>NTRK3-N95: HTLSAVDMEI	474	97
>NTRK3-N95: HTLNAVDME	251	>NTRK3-N95: HTLSAVDMEI	342	91
>NTRK3-N95: HTLNAVDME	175	>NTRK3-N95: HTLSAVDMEI	477	302
>NTRK3-N95: HTLNAVDM	329	>NTRK3-N95: HTLSAVDM	137	192
>NTRK3-N95: HTLNAVDME	14	>NTRK3-N95: HTLSAVDMEI	8	6
>NTRK3-N95: HTLNAVDM	254	>NTRK3-N95: HTLSAVDM	227	27
>NTRK3-N95: HTLNAVDME	271	>NTRK3-N95: HTLSAVDMEI	305	34
>NTRK3-N95: HTLNAVDME	47	>NTRK3-N95: HTLSAVDMEI	34	13
>NTRK3-N95: HTLNAVDME	215	>NTRK3-N95: HTLSAVDMEI	133	82
>NTRK3-N95: HTLNAVDME	243	>NTRK3-N95: HTLSAVDMEI	612	369
>NTRK3-N95: HTLNAVDME	265	>NTRK3-N95: HTLSAVDMEI	180	85
>NTRK3-N95: HTLNAVDM	312	>NTRK3-N95: HTLSAVDM	221	91
>NTRK3-N95: HTLNAVDME	104	>NTRK3-N95: HTLSAVDMEI	70	34
>NTRK3-N95: HTLNAVDME	61	>NTRK3-N95: HTLSAVDMEI	50	11
>NTRK3-N95: HTLNAVDM	23	>NTRK3-N95: HTLSAVDM	18	5
>NTRK3-N95: HTLNAVDME	31	>NTRK3-N95: HTLSAVDMEI	28	3
>NTRK3-N95: HTLNAVDME	9	>NTRK3-N95: HTLSAVDMEI	8	1
>NTRK3-N95: HTLNAVDME	484	>NTRK3-N95: HTLSAVDMEI	378	106
>NTRK3-N95: HTLNAVDM	670	>NTRK3-N95: HTLSAVDM	328	342

>NTRK3-N95: HTLNAVDME	12	>NTRK3-N95: HTLSAVDMEI	10	2
>NTRK3-N95: HTLNAVDME	1138	>NTRK3-N95: HTLSAVDMEI	378	760
>NTRK3-N95: SLHTLNAV	41	>NTRK3-N95: SLHTLSAV	39	2
>NTRK3-N95: SLHTLNAV	10	>NTRK3-N95: SLHTLSAV	13	3
>NTRK3-N95: SLHTLNAV	7	>NTRK3-N95: SLHTLSAV	4	3
>NTRK3-N95: SLHTLNAV	166	>NTRK3-N95: SLHTLSAV	157	9
>NTRK3-N95: SLHTLNAV	4	>NTRK3-N95: SLHTLSAV	3	1
>NTRK3-N95: SLHTLNAV	8	>NTRK3-N95: SLHTLSAV	6	2
>NTRK3-N95: SLHTLNAV	13	>NTRK3-N95: SLHTLSAV	9	4
>NTRK3-N95: SLHTLNAV	392	>NTRK3-N95: SLHTLSAV	169	223
>NTRK3-N95: SLHTLNAV	2	>NTRK3-N95: SLHTLSAV	2	0
>NTRK3-N95: SLHTLNAVDM	487	>NTRK3-N95: SLHTLSAVDM	409	78
>NTRK3-N95: SLHTLNAVDM	444	>NTRK3-N95: SLHTLSAVDM	338	106
>NTRK3-N95: RSLHTLNAV	1267	>NTRK3-N95: RSLHTLSAV	457	810
>NTRK3-N95: RSLHTLNAV	36	>NTRK3-N95: RSLHTLSAV	40	4
>NTRK3-N95: RSLHTLNAV	1149	>NTRK3-N95: RSLHTLSAV	495	654
>NTRK3-N95: RSLHTLNA	21	>NTRK3-N95: RSLHTLSA	18	3
>NTRK3-N95: RSLHTLNAV	29	>NTRK3-N95: RSLHTLSAV	38	9
>NTRK3-N95: RSLHTLNAVD	476	>NTRK3-N95: RSLHTLSAVD	457	19
>NTRK3-N95: RSLHTLNAV	316	>NTRK3-N95: RSLHTLSAV	769	453
>NTRK3-N95: RSLHTLNAVD	297	>NTRK3-N95: RSLHTLSAVD	498	201
>NTRK3-N95: RSLHTLNA	699	>NTRK3-N95: RSLHTLSA	322	377
>NTRK3-N95: RSLHTLNAV	41	>NTRK3-N95: RSLHTLSAV	24	17
>NTRK3-N95: RSLHTLNAVD	36	>NTRK3-N95: RSLHTLSAVD	22	14
>NTRK3-N95: RSLHTLNA	419	>NTRK3-N95: RSLHTLSA	198	221
>NTRK3-N95: RSLHTLNAV	119	>NTRK3-N95: RSLHTLSAV	13	106
>NTRK3-N95: RSLHTLNAVD	6	>NTRK3-N95: RSLHTLSAVD	4	2
>NTRK3-N95: RSLHTLNAVD	296	>NTRK3-N95: RSLHTLSAVD	183	113
>NTRK3-N95: RSLHTLNA	864	>NTRK3-N95: RSLHTLSA	485	379
>NTRK3-N95: RSLHTLNAV	376	>NTRK3-N95: RSLHTLSAV	29	347
>NTRK3-N95: RSLHTLNAVD	174	>NTRK3-N95: RSLHTLSAVD	59	115
>NTRK3-N95: RSLHTLNAV	834	>NTRK3-N95: RSLHTLSAV	259	575
>NTRK3-N95: WRSHTLNA\	500	>NTRK3-N95: WRSHTLSA\	248	252
>NTRK3-N95: WRSHTLNA\	411	>NTRK3-N95: WRSHTLSA\	277	134
>NTRK3-N95: WRSHTLNA\	149	>NTRK3-N95: WRSHTLSA\	112	37
>NTRK3-N95: WRSHTLNA\	613	>NTRK3-N95: WRSHTLSA\	442	171
>NTRK3-N95: NWRSLHTLN	600	>NTRK3-N95: NWRSLHTLS	466	134
>NTRK3-N95: NWRSLHTLN,	356	>NTRK3-N95: NWRSLHTLS/	621	265
>NTRK3-N95: NWRSLHTLN,	63	>NTRK3-N95: NWRSLHTLS/	74	11
>NTRK3-R67: RDLATRNCI	285	>NTRK3-R67: QDLATRNCI	2154	1869
>NTRK3-R67: RDLATRNCI\	63	>NTRK3-R67: QDLATRNCI\	82	19
>NTRK3-R67: HRDLATRNCI	19079	>NTRK3-R67: HQDLATRNCI	93	18986
>NTRK3-R67: HRDLATRNCI	31	>NTRK3-R67: HQDLATRNCI	1883	1852



>NTRK3-R67:HRLDLATRNCL	41	>NTRK3-R67:HQLDLATRNCL	31	10
>NTRK3-R67:HRLDLATRNCL	395	>NTRK3-R67:HQLDLATRNCL	11027	10632
>NTRK3-R67:VYLASQHFVF	430	>NTRK3-R67:VYLASQHFVF	696	266
>NTRK3-R67:VYLASQHFVF	15	>NTRK3-R67:VYLASQHFVF	5681	5666
>NTRK3-R67:VYLASQHFVF	43	>NTRK3-R67:VYLASQHFVF	13077	13034
>NTRK3-R67:VYLASQHFVF	14	>NTRK3-R67:VYLASQHFVF	411	397
>NTRK3-R67:VHRDLATRNCL	1579	>NTRK3-R67:VHQDLATRNCL	204	1375
>NTRK3-R67:FVHRDLAT	562	>NTRK3-R67:FVHQDLAT	450	112
>NTRK3-R67:FVHRDLATR	398	>NTRK3-R67:FVHQDLATR	2029	1631
>NTRK3-R67:FVHRDLATR	37	>NTRK3-R67:FVHQDLATR	38	1
>NTRK3-R67:HFVHRDLATF	68	>NTRK3-R67:HFVHQDLATF	183	115
>NTRK3-R67:HFVHRDLATF	149	>NTRK3-R67:HFVHQDLATF	478	329
>NTRK3-R67:HFVHRDLATF	59	>NTRK3-R67:HFVHQDLATF	75	16
>NTRK3-R67:HFVHRDLATF	32	>NTRK3-R67:HFVHQDLATF	25	7
>NTRK3-R67:QHFVHRDL	647	>NTRK3-R67:QHFVHQDL	353	294
>NTRK3-R67:QHFVHRDL	600	>NTRK3-R67:QHFVHQDL	282	318
>NTRK3-R67:QHFVHRDL	1007	>NTRK3-R67:QHFVHQDL	491	516
>NTRK3-R67:SQHFVHRDL	474	>NTRK3-R67:SQHFVHQDL	127	347
>NTRK3-R67:ASQHFVHRD	368	>NTRK3-R67:ASQHFVHQD	471	103
>NTRK3-R67:ASQHFVHR	169	>NTRK3-R67:ASQHFVHQ	16290	16121
>NTRK3-R67:ASQHFVHR	11	>NTRK3-R67:ASQHFVHQ	7574	7563
>NTRK3-R67:ASQHFVHR	491	>NTRK3-R67:ASQHFVHQ	24004	23513
>NTRK3-R67:ASQHFVHRD	229	>NTRK3-R67:ASQHFVHQD	147	82
>NTRK3-R67:ASQHFVHR	57	>NTRK3-R67:ASQHFVHQ	198	141
>NTRK3-R67:ASQHFVHRD	505	>NTRK3-R67:ASQHFVHQD	485	20
>NTRK3-R67:LASQHFVHR	32	>NTRK3-R67:LASQHFVHQ	12505	12473
>NTRK3-R67:LASQHFVHR	207	>NTRK3-R67:LASQHFVHQ	22462	22255
>NTRK3-R67:LASQHFVHR	52	>NTRK3-R67:LASQHFVHQ	8326	8274
>NTRK3-R67:LASQHFVHRL	524	>NTRK3-R67:LASQHFVHQI	461	63
>NTRK3-R67:LASQHFVHR	142	>NTRK3-R67:LASQHFVHQ	1512	1370
>NTRK3-R67:LASQHFVHR	104	>NTRK3-R67:LASQHFVHQ	11107	11003
>NTRK3-R67:YLASQHFVHF	210	>NTRK3-R67:YLASQHFVHC	167	43
>NTRK3-R67:YLASQHFVHF	3255	>NTRK3-R67:YLASQHFVHC	403	2852
>NTRK3-R67:YLASQHFVHF	5690	>NTRK3-R67:YLASQHFVHC	122	5568
>NTRK3-R67:YLASQHFVHF	307	>NTRK3-R67:YLASQHFVHC	7	300
>NTRK3-R67:YLASQHFVHF	137	>NTRK3-R67:YLASQHFVHC	104	33
>NTRK3-R67:YLASQHFVHF	286	>NTRK3-R67:YLASQHFVHC	25411	25125
>NTRK3-R67:YLASQHFVHF	50	>NTRK3-R67:YLASQHFVHC	25316	25266
>NTRK3-R67:YLASQHFVHF	276	>NTRK3-R67:YLASQHFVHC	10731	10455
>NTRK3-R67:YLASQHFVHF	64	>NTRK3-R67:YLASQHFVHC	3724	3660
>NTRK3-R72:RWMPPESI	5335	>NTRK3-R72:FWMPPESI	252	5083
>NTRK3-R72:RWMPPESI	2302	>NTRK3-R72:FWMPPESI	231	2071
>NTRK3-R72:RWMPPESI	194	>NTRK3-R72:FWMPPESI	804	610

>NTRK3-R72:RWMPPESI	15	>NTRK3-R72:FWMPPESI	19	4
>NTRK3-R72:RWMPPESIM	403	>NTRK3-R72:FWMPPESIM	568	165
>NTRK3-R72:RWMPPESIM	229	>NTRK3-R72:FWMPPESIM	339	110
>NTRK3-R72:RWMPPESIM	444	>NTRK3-R72:FWMPPESIM	540	96
>NTRK3-R72:RWMPPESIM	165	>NTRK3-R72:FWMPPESIM	89	76
>NTRK3-R72:RWMPPESIM	34	>NTRK3-R72:FWMPPESIM	152	118
>NTRK3-R72:RWMPPESIM	20	>NTRK3-R72:FWMPPESIM	235	215
>NTRK3-R72:RWMPPESIM	1256	>NTRK3-R72:FWMPPESIM	118	1138
>NTRK3-R72:RWMPPESIM	3817	>NTRK3-R72:FWMPPESIM	202	3615
>NTRK3-R72:RWMPPESIM	3702	>NTRK3-R72:FWMPPESIM	346	3356
>NTRK3-R72:RWMPPESIM	346	>NTRK3-R72:FWMPPESIM	282	64
>NTRK3-R72:RWMPPESIM	47	>NTRK3-R72:FWMPPESIM	74	27
>NTRK3-R72:RWMPPESIM	320	>NTRK3-R72:FWMPPESIM	983	663
>NTRK3-R72:RWMPPESIM	12	>NTRK3-R72:FWMPPESIM	21	9
>NTRK3-R72:RWMPPESI	55	>NTRK3-R72:FWMPPESI	131	76
>NTRK3-R72:RWMPPESIM	137	>NTRK3-R72:FWMPPESIM	322	185
>NTRK3-R72:RWMPPESIM	87	>NTRK3-R72:FWMPPESIM	214	127
>NTRK3-R72:IRWMPPE\$	226	>NTRK3-R72:IFWMPPE\$	8	218
>NTRK3-R72:IRWMPPE\$	1012	>NTRK3-R72:IFWMPPE\$	376	636
>NTRK3-R72:IRWMPPE\$	4125	>NTRK3-R72:IFWMPPE\$	474	3651
>NTRK3-R72:IRWMPPE\$	45	>NTRK3-R72:IFWMPPE\$	1694	1649
>NTRK3-R72:IRWMPPE\$	22	>NTRK3-R72:IFWMPPE\$	581	559
>NTRK3-R72:IRWMPPE\$	12	>NTRK3-R72:IFWMPPE\$	407	395
>NTRK3-R72:IRWMPPE\$	130	>NTRK3-R72:IFWMPPE\$	26561	26431
>NTRK3-R72:IRWMPPE\$	84	>NTRK3-R72:IFWMPPE\$	24720	24636
>NTRK3-R72:IRWMPPE\$	165	>NTRK3-R72:IFWMPPE\$	23708	23543
>NTRK3-R72:IRWMPPE\$	3613	>NTRK3-R72:IFWMPPE\$	223	3390
>NTRK3-R72:IRWMPPE\$	380	>NTRK3-R72:IFWMPPE\$	25006	24626
>NTRK3-R72:IRWMPPE\$	226	>NTRK3-R72:IFWMPPE\$	26408	26182
>NTRK3-R72:IRWMPPE\$	26958	>NTRK3-R72:IFWMPPE\$	354	26604
>NTRK3-R72:IRWMPPE\$	435	>NTRK3-R72:IFWMPPE\$	921	486
>NTRK3-R72:RVGGHTMLP	19831	>NTRK3-R72:RVGGHTMLP	303	19528
>NTRK3-R72:RVGGHTMLP	19381	>NTRK3-R72:RVGGHTMLP	223	19158
>NTRK3-R72:RVGGHTMLP	35	>NTRK3-R72:RVGGHTMLP	11743	11708
>NTRK3-R72:RVGGHTMLP	6404	>NTRK3-R72:RVGGHTMLP	57	6347
>NTRK3-R72:RVGGHTMLP	20537	>NTRK3-R72:RVGGHTMLP	304	20233
>NTRK3-R72:RVGGHTMLP	21518	>NTRK3-R72:RVGGHTMLP	215	21303
>NTRK3-R72:RVGGHTMLP	107	>NTRK3-R72:RVGGHTMLP	24918	24811
>NTRK3-R72:PIRWMPPE\$	6371	>NTRK3-R72:PIFWMPPE\$	116	6255
>NTRK3-R72:PIRWMPPE\$	2602	>NTRK3-R72:PIFWMPPE\$	46	2556
>NTRK3-R72:LPIRWMPPE\$	200	>NTRK3-R72:LPIFWMPPE\$	464	264
>NTRK3-R72:LPIRWMPPE\$	72	>NTRK3-R72:LPIFWMPPE\$	69	3
>NTRK3-R72:LPIRWMPPE\$	48	>NTRK3-R72:LPIFWMPPE\$	38	10

>NTRK3-R72:LPIRWMPP	43	>NTRK3-R72:LPIFWMP	37	6
>NTRK3-R72:LPIRWMPPPE	23	>NTRK3-R72:LPIFWMPPE	18	5
>NTRK3-R72:LPIRWMPPES	638	>NTRK3-R72:LPIFWMPPE	216	422
>NTRK3-R72:LPIRWMPPES	98	>NTRK3-R72:LPIFWMPPE	98	0
>NTRK3-R72:MLPIRWMPP	1004	>NTRK3-R72:MLPIFWMP	317	687
>NTRK3-R72:MLPIRWMPP	467	>NTRK3-R72:MLPIFWMP	387	80
>NTRK3-R72:TMLPIRWM	534	>NTRK3-R72:TMLPIFWM	20	514
>NTRK3-R72:TMLPIRWM	1201	>NTRK3-R72:TMLPIFWM	117	1084
>NTRK3-R72:TMLPIRWM	701	>NTRK3-R72:TMLPIFWM	19	682
>NTRK3-R72:TMLPIRWMP	3718	>NTRK3-R72:TMLPIFWMP	104	3614
>NTRK3-R72:TMLPIRWMP	2828	>NTRK3-R72:TMLPIFWMP	499	2329
>NTRK3-R72:TMLPIRWM	54	>NTRK3-R72:TMLPIFWM	8	46
>NTRK3-R72:TMLPIRWMP	2445	>NTRK3-R72:TMLPIFWMP	239	2206
>NTRK3-R72:TMLPIRWM	2116	>NTRK3-R72:TMLPIFWM	93	2023
>NTRK3-R72:TMLPIRWM	571	>NTRK3-R72:TMLPIFWM	26	545
>NTRK3-R72:TMLPIRWM	534	>NTRK3-R72:TMLPIFWM	17	517
>NTRK3-R72:TMLPIRWM	121	>NTRK3-R72:TMLPIFWM	15	106
>NTRK3-R72:TMLPIRWM	1306	>NTRK3-R72:TMLPIFWM	66	1240
>NTRK3-R72:HTMLPIRWM	410	>NTRK3-R72:HTMLPIFWM	962	552
>NTRK3-R72:HTMLPIRWM	9	>NTRK3-R72:HTMLPIFWM	10	1
>NTRK3-R72:HTMLPIRW	656	>NTRK3-R72:HTMLPIFW	243	413
>NTRK3-R72:HTMLPIRWM	47	>NTRK3-R72:HTMLPIFWM	128	81
>NTRK3-R72:HTMLPIRW	277	>NTRK3-R72:HTMLPIFW	435	158
>NTRK3-R72:HTMLPIRWM	464	>NTRK3-R72:HTMLPIFWM	19	445
>NTRK3-R72:HTMLPIRWM	1954	>NTRK3-R72:HTMLPIFWM	378	1576
>NTRK3-R72:HTMLPIRWM	321	>NTRK3-R72:HTMLPIFWM	22	299
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>NTRK3-R72:HTMLPIRWM	10	>NTRK3-R72:HTMLPIFWM	5	5
>NTRK3-R72:HTMLPIRW	35	>NTRK3-R72:HTMLPIFW	37	2
>NTRK3-R72:HTMLPIRW	19	>NTRK3-R72:HTMLPIFW	13	6
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>NTRK3-R72:HTMLPIRWM	532	>NTRK3-R72:HTMLPIFWM	249	283
>NTRK3-R72:GHTMLPIRW	254	>NTRK3-R72:GHTMLPIFW	88	166
>NTRK3-R72:VGGHTMLPIF	114	>NTRK3-R72:VGGHTMLPIF	113	1
>NTRK3-R72:RWMPPESI	194	>NTRK3-R72:HWMPPE	846	652
>NTRK3-R72:RWMPPESI	15	>NTRK3-R72:HWMPPE	39	24
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>NTRK3-R72:RWMPPESIM	444	>NTRK3-R72:HWMPPE	1173	729
>NTRK3-R72:RWMPPESIM	165	>NTRK3-R72:HWMPPE	103	62
>NTRK3-R72:RWMPPESIM	34	>NTRK3-R72:HWMPPE	105	71
>NTRK3-R72:RWMPPESIM	20	>NTRK3-R72:HWMPPE	34	14

>NTRK3-R72:RWMPPESIM	1256	>NTRK3-R72:HWMPPE\$IM	71	1185
>NTRK3-R72:RWMPPESIM	3817	>NTRK3-R72:HWMPPE\$IM	365	3452
>NTRK3-R72:RWMPPESIM	346	>NTRK3-R72:HWMPPE\$IM	1147	801
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>NTRK3-R72:RWMPPESIM	12	>NTRK3-R72:HWMPPE\$IM	12	0
>NTRK3-R72:RWMPPESI	55	>NTRK3-R72:HWMPPE\$IM	108	53
>NTRK3-R72:RWMPPESIM	137	>NTRK3-R72:HWMPPE\$IM	272	135
>NTRK3-R72:RWMPPESIM	87	>NTRK3-R72:HWMPPE\$IM	190	103
>NTRK3-R72:IRWMPPE\$IM	226	>NTRK3-R72:IHWMPPE\$IM	62	164
>NTRK3-R72:IRWMPPE\$IM	45	>NTRK3-R72:IHWMPPE\$IM	96	51
>NTRK3-R72:IRWMPPE\$IM	22	>NTRK3-R72:IHWMPPE\$IM	33	11
>NTRK3-R72:IRWMPPE\$IM	12	>NTRK3-R72:IHWMPPE\$IM	17	5
>NTRK3-R72:IRWMPPE\$IM	130	>NTRK3-R72:IHWMPPE\$IM	22163	22033
>NTRK3-R72:IRWMPPE\$IM	84	>NTRK3-R72:IHWMPPE\$IM	4537	4453
>NTRK3-R72:IRWMPPE\$IM	165	>NTRK3-R72:IHWMPPE\$IM	19219	19054
>NTRK3-R72:IRWMPPE\$IM	380	>NTRK3-R72:IHWMPPE\$IM	19513	19133
>NTRK3-R72:IRWMPPE\$IM	226	>NTRK3-R72:IHWMPPE\$IM	18696	18470
>NTRK3-R72:IRWMPPE\$IM	435	>NTRK3-R72:IHWMPPE\$IM	940	505
>NTRK3-R72:RVGGHTMLP	35	>NTRK3-R72:RVGGHTMLP	5209	5174
>NTRK3-R72:RVGGHTMLP	107	>NTRK3-R72:RVGGHTMLP	15715	15608
>NTRK3-R72:LPIRWMPPE\$IM	200	>NTRK3-R72:LPIHWMPPE\$IM	207	7
>NTRK3-R72:LPIRWMPPE\$IM	967	>NTRK3-R72:LPIHWMPPE\$IM	295	672
>NTRK3-R72:LPIRWMPPE\$IM	72	>NTRK3-R72:LPIHWMPPE\$IM	55	17
>NTRK3-R72:LPIRWMPPE\$IM	48	>NTRK3-R72:LPIHWMPPE\$IM	32	16
>NTRK3-R72:LPIRWMPPE\$IM	43	>NTRK3-R72:LPIHWMPPE\$IM	29	14
>NTRK3-R72:LPIRWMPPE\$IM	23	>NTRK3-R72:LPIHWMPPE\$IM	19	4
>NTRK3-R72:LPIRWMPPE\$IM	638	>NTRK3-R72:LPIHWMPPE\$IM	87	551
>NTRK3-R72:LPIRWMPPE\$IM	98	>NTRK3-R72:LPIHWMPPE\$IM	62	36
>NTRK3-R72:MLPIRWMPPE\$IM	467	>NTRK3-R72:MLPIHWMPPE\$IM	466	1
>NTRK3-R72:TMLPIRWMPPE\$IM	534	>NTRK3-R72:TMLPIHWMPPE\$IM	57	477
>NTRK3-R72:TMLPIRWMPPE\$IM	1201	>NTRK3-R72:TMLPIHWMPPE\$IM	200	1001
>NTRK3-R72:TMLPIRWMPPE\$IM	701	>NTRK3-R72:TMLPIHWMPPE\$IM	94	607
>NTRK3-R72:TMLPIRWMPPE\$IM	54	>NTRK3-R72:TMLPIHWMPPE\$IM	8	46
>NTRK3-R72:TMLPIRWMPPE\$IM	2445	>NTRK3-R72:TMLPIHWMPPE\$IM	208	2237
>NTRK3-R72:TMLPIRWMPPE\$IM	2116	>NTRK3-R72:TMLPIHWMPPE\$IM	150	1966
>NTRK3-R72:TMLPIRWMPPE\$IM	571	>NTRK3-R72:TMLPIHWMPPE\$IM	48	523
>NTRK3-R72:TMLPIRWMPPE\$IM	534	>NTRK3-R72:TMLPIHWMPPE\$IM	27	507
>NTRK3-R72:TMLPIRWMPPE\$IM	121	>NTRK3-R72:TMLPIHWMPPE\$IM	11	110
>NTRK3-R72:TMLPIRWMPPE\$IM	1306	>NTRK3-R72:TMLPIHWMPPE\$IM	103	1203
>NTRK3-R72:HTMLPIRWMPPE\$IM	410	>NTRK3-R72:HTMLPIHWMPPE\$IM	462	52
>NTRK3-R72:HTMLPIRWMPPE\$IM	9	>NTRK3-R72:HTMLPIHWMPPE\$IM	5	4
>NTRK3-R72:HTMLPIRWMPPE\$IM	656	>NTRK3-R72:HTMLPIHWMPPE\$IM	458	198

>NTRK3-R72: HTMLPIRWN	47	>NTRK3-R72: HTMLPIHWN	35	12
>NTRK3-R72: HTMLPIRW	277	>NTRK3-R72: HTMLPIHW	442	165
>NTRK3-R72: HTMLPIRWN	464	>NTRK3-R72: HTMLPIHWN	23	441
>NTRK3-R72: HTMLPIRWN	321	>NTRK3-R72: HTMLPIHWN	27	294
>NTRK3-R72: HTMLPIRW	5	>NTRK3-R72: HTMLPIHW	5	0
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>NTRK3-R72: HTMLPIRW	35	>NTRK3-R72: HTMLPIHW	35	0
>NTRK3-R72: HTMLPIRW	19	>NTRK3-R72: HTMLPIHW	11	8
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>NTRK3-R72: HTMLPIRWN	33	>NTRK3-R72: HTMLPIHWN	31	2
>NTRK3-R72: GHTMLPIRW	254	>NTRK3-R72: GHTMLPIHW	334	80
>NTRK3-R72: VGGHTMLPIF	114	>NTRK3-R72: VGGHTMLPIH	73	41
>NTRK3-R73: RKFTTESDV	5	>NTRK3-R73: WKFTTESDV	7	2
>NTRK3-R73: RKFTTESDV\	9	>NTRK3-R73: WKFTTESDV\	24	15
>NTRK3-R73: RKFTTESDV\	242	>NTRK3-R73: WKFTTESDV\	579	337
>NTRK3-R73: RKFTTESDV\	1988	>NTRK3-R73: WKFTTESDV\	234	1754
>NTRK3-R73: RKFTTESDV\	146	>NTRK3-R73: WKFTTESDV\	260	114
>NTRK3-R73: YRKFTTESDV'	15969	>NTRK3-R73: YWKFTTESDV\	441	15528
>NTRK3-R73: YRKFTTESDV'	17860	>NTRK3-R73: YWKFTTESDV\	349	17511
>NTRK3-R73: YRKFTTESDV'	17867	>NTRK3-R73: YWKFTTESDV\	90	17777
>NTRK3-R73: YRKFTTESDV	231	>NTRK3-R73: YWKFTTESDV	4922	4691
>NTRK3-R73: YRKFTTESDV'	80	>NTRK3-R73: YWKFTTESDV\	4174	4094
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>NTRK3-R73: RWMPPESIM	444	>NTRK3-R73: RWMPPESIM	9	435
>NTRK3-R73: RWMPPESIM	20	>NTRK3-R73: RWMPPESIM	7189	7169
>NTRK3-R73: RWMPPESIM	25670	>NTRK3-R73: RWMPPESIM	291	25379
>NTRK3-R73: RWMPPESIM	23970	>NTRK3-R73: RWMPPESIM	403	23567
>NTRK3-R73: RWMPPESIM	21359	>NTRK3-R73: RWMPPESIM	33	21326
>NTRK3-R73: RWMPPESIM	32922	>NTRK3-R73: RWMPPESIM	492	32430
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>NTRK3-R73: RWMPPESIM	87	>NTRK3-R73: RWMPPESIM	44	43
>NTRK3-R73: MYRKFTTESC	2457	>NTRK3-R73: MYWKFTTES	217	2240
>NTRK3-R73: MYRKFTTES	1553	>NTRK3-R73: MYWKFTTES	474	1079
>NTRK3-R73: MYRKFTTESC	638	>NTRK3-R73: MYWKFTTES	131	507
>NTRK3-R73: MYRKFTTES	60	>NTRK3-R73: MYWKFTTES	9079	9019
>NTRK3-R73: MYRKFTTESC	38	>NTRK3-R73: MYWKFTTES	7155	7117
>NTRK3-R73: MYRKFTTE	5973	>NTRK3-R73: MYWKFTTE	429	5544
>NTRK3-R73: MYRKFTTESC	997	>NTRK3-R73: MYWKFTTES	306	691
>NTRK3-R73: IMYRKFTTE	133	>NTRK3-R73: IMYWKFTTE	110	23
>NTRK3-R73: IMYRKFTT	616	>NTRK3-R73: IMYWKFTT	93	523
>NTRK3-R73: IMYRKFTT	122	>NTRK3-R73: IMYWKFTT	61	61
>NTRK3-R73: IMYRKFTT	494	>NTRK3-R73: IMYWKFTT	249	245
>NTRK3-R73: IMYRKFTT	18	>NTRK3-R73: IMYWKFTT	4	14

>NTRK3-R73:IMYRKFTTE	3388	>NTRK3-R73:IMYWKFTTE	434	2954
>NTRK3-R73:IMYRKFTTES	167	>NTRK3-R73:IMYWKFTTES	27	140
>NTRK3-R73:IMYRKFTTESI	2342	>NTRK3-R73:IMYWKFTTES	381	1961
>NTRK3-R73:IMYRKFTT	508	>NTRK3-R73:IMYWKFTT	304	204
>NTRK3-R73:IMYRKFTT	288	>NTRK3-R73:IMYWKFTT	45	243
>NTRK3-R73:IMYRKFTT	28	>NTRK3-R73:IMYWKFTT	10	18
>NTRK3-R73:IMYRKFTTES	349	>NTRK3-R73:IMYWKFTTES	102	247
>NTRK3-R73:IMYRKFTTE	459	>NTRK3-R73:IMYWKFTTE	2051	1592
>NTRK3-R73:IMYRKFTTES	229	>NTRK3-R73:IMYWKFTTES	963	734
>NTRK3-R73:SIMYRKFTT	2678	>NTRK3-R73:SIMYWKFTT	231	2447
>NTRK3-R73:ESIMYRK	202	>NTRK3-R73:ESIMYWK	432	230
>NTRK3-R73:ESIMYRK	1052	>NTRK3-R73:ESIMYWK	315	737
>NTRK3-R73:ESIMYRK	21	>NTRK3-R73:ESIMYWK	12	9
>NTRK3-R73:ESIMYRK	245	>NTRK3-R73:ESIMYWK	258	13
>NTRK3-R73:ESIMYRK	16	>NTRK3-R73:ESIMYWK	12	4
>NTRK3-R73:PESIMYRK	447	>NTRK3-R73:PESIMYWK	42	405
>NTRK3-R73:PESIMYRK	1537	>NTRK3-R73:PESIMYWK	396	1141
>NTRK3-R73:PPESIMYR	16991	>NTRK3-R73:PPESIMYW	25	16966
>NTRK3-R73:PPESIMYR	19149	>NTRK3-R73:PPESIMYW	12	19137
>NTRK3-R73:PPESIMYRK	139	>NTRK3-R73:PPESIMYWK	104	35
>NTRK3-R73:PPESIMYR	368	>NTRK3-R73:PPESIMYW	32781	32413
>NTRK3-R73:MPPESIMYR	233	>NTRK3-R73:MPPESIMYW	117	116
>NTRK3-R73:MPPESIMYR	1730	>NTRK3-R73:MPPESIMYW	171	1559
>NTRK3-R73:MPPESIMYR	54	>NTRK3-R73:MPPESIMYW	24364	24310
>NTRK3-R73:MPPESIMYR	383	>NTRK3-R73:MPPESIMYW	136	247
>NTRK3-R73:MPPESIMYR	85	>NTRK3-R73:MPPESIMYW	55	30
>NTRK3-R73:MPPESIMYR	11702	>NTRK3-R73:MPPESIMYW	454	11248
>NTRK3-R73:MPPESIMYR	9759	>NTRK3-R73:MPPESIMYW	8	9751
>NTRK3-R73:MPPESIMYR	146	>NTRK3-R73:MPPESIMYW	35	111
>NTRK3-R73:MPPESIMYR	3651	>NTRK3-R73:MPPESIMYW	112	3539
>NTRK3-R73:MPPESIMYR	123	>NTRK3-R73:MPPESIMYW	37	86
>NTRK3-R73:MPPESIMYR	485	>NTRK3-R73:MPPESIMYW	969	484
>NTRK3-R73:MPPESIMYR	17024	>NTRK3-R73:MPPESIMYW	8	17016
>NTRK3-R73:MPPESIMYR	93	>NTRK3-R73:MPPESIMYW	59	34
>NTRK3-R73:MPPESIMYR	10651	>NTRK3-R73:MPPESIMYW	22	10629
>NTRK3-R73:MPPESIMYR	57	>NTRK3-R73:MPPESIMYW	22512	22455
>NTRK3-R73:WMPPEIMY	438	>NTRK3-R73:WMPPEIMY	30898	30460
>NTRK3-R73:WMPPEIMY	4015	>NTRK3-R73:WMPPEIMY	51	3964
>NTRK3-R73:WMPPEIMY	310	>NTRK3-R73:WMPPEIMY	26016	25706
>NTRK3-R73:WMPPEIMY	338	>NTRK3-R73:WMPPEIMY	27863	27525
>NTRK3-R73:WMPPEIMY	32	>NTRK3-R73:WMPPEIMY	26368	26336
>NTRK3-R73:WMPPEIMY	27630	>NTRK3-R73:WMPPEIMY	189	27441
>NTRK3-R73:WMPPEIMY	24199	>NTRK3-R73:WMPPEIMY	448	23751

>NTRK3-R73: WMPPESIMY	7314	>NTRK3-R73: WMPPESIMY	348	6966
>NTRK3-R73: WMPPESIMY	21638	>NTRK3-R73: WMPPESIMY	159	21479
>NTRK3-R73: WMPPESIMY	15	>NTRK3-R73: WMPPESIMY	8491	8476
>NTRK3-R73: WMPPESIMY	28	>NTRK3-R73: WMPPESIMY	9747	9719
>NTRK3-R73: WMPPESIMY	563	>NTRK3-R73: WMPPESIMY	405	158
>NTRK3-S184 SQNLYCINA	467	>NTRK3-S184 CQNLYCINA	2644	2177
>NTRK3-S184 NSQNLYCI	393	>NTRK3-S184 NCQNLYCI	6875	6482
>NTRK3-S184 KLNSQNLYCI	259	>NTRK3-S184 KLNCQNLYCI	225	34
>NTRK3-S184 KLNSQNLYCI	55	>NTRK3-S184 KLNCQNLYCI	145	90
>NTRK3-S184 KLNSQNLYCI	226	>NTRK3-S184 KLNCQNLYCI	498	272
>NTRK3-S184 KLNSQNLYC	68	>NTRK3-S184 KLNCQNLYC	60	8
>NTRK3-S184 KLNSQNLYCI	20	>NTRK3-S184 KLNCQNLYCI	18	2
>NTRK3-S184 KLNSQNLYC	681	>NTRK3-S184 KLNCQNLYC	89	592
>NTRK3-S184 KLNSQNLYCI	10	>NTRK3-S184 KLNCQNLYCI	5	5
>NTRK3-S184 KLNSQNLYCI	34	>NTRK3-S184 KLNCQNLYCI	70	36
>NTRK3-S184 KLNSQNLYCI	49	>NTRK3-S184 KLNCQNLYCI	117	68
>NTRK3-S184 KLNSQNLYC	186	>NTRK3-S184 KLNCQNLYC	1549	1363
>NTRK3-S184 KLNSQNLYCI	72	>NTRK3-S184 KLNCQNLYCI	312	240
>NTRK3-S184 KLNSQNLY	70	>NTRK3-S184 KLNCQNLY	100	30
>NTRK3-S184 KLNSQNLY	74	>NTRK3-S184 KLNCQNLY	85	11
>NTRK3-S184 KLNSQNLY	12	>NTRK3-S184 KLNCQNLY	47	35
>NTRK3-S184 KLNSQNLYCI	88	>NTRK3-S184 KLNCQNLYCI	85	3
>NTRK3-S184 KLNSQNLY	10	>NTRK3-S184 KLNCQNLY	11	1
>NTRK3-S184 KLNSQNLY	228	>NTRK3-S184 KLNCQNLY	264	36
>NTRK3-S184 KLNSQNLY	177	>NTRK3-S184 KLNCQNLY	277	100
>NTRK3-S184 KLNSQNLY	179	>NTRK3-S184 KLNCQNLY	126	53
>NTRK3-S184 AKLNSQNLY	234	>NTRK3-S184 AKLNCQNLY	67	167
>NTRK3-S184 AKLNSQNL	10	>NTRK3-S184 AKLNCQNL	25	15
>NTRK3-S184 AKLNSQNLY	5	>NTRK3-S184 AKLNCQNLY	11	6
>NTRK3-S184 AKLNSQNLYC	403	>NTRK3-S184 AKLNCQNLYC	1077	674
>NTRK3-S184 AKLNSQNLYC	27	>NTRK3-S184 AKLNCQNLYC	58	31
>NTRK3-S184 AKLNSQNLY	728	>NTRK3-S184 AKLNCQNLY	289	439
>NTRK3-S184 GEAKLNSQNI	835	>NTRK3-S184 GEAKLNCQNI	431	404
>NTRK3-S184 GEAKLNSQNI	270	>NTRK3-S184 GEAKLNCQNI	440	170
>NTRK3-S184 GEAKLNSQNI	331	>NTRK3-S184 GEAKLNCQNI	351	20
>NTRK3-S184 GEAKLNSQNI	160	>NTRK3-S184 GEAKLNCQNI	158	2
>NTRK3-S184 GEAKLNSQNI	121	>NTRK3-S184 GEAKLNCQNI	337	216
>NTRK3-S184 GEAKLNSQNI	142	>NTRK3-S184 GEAKLNCQNI	50	92
>NTRK3-T144 TSLSLRELQL	231	>NTRK3-T144 RLSLRELQL	192	39
>NTRK3-T144 TSLSLRELQL	44	>NTRK3-T144 RLSLRELQL	37	7
>NTRK3-T144 TSLSLRELQL	483	>NTRK3-T144 RLSLRELQL	389	94
>NTRK3-T144 QTLSLRELQL	464	>NTRK3-T144 QRLSLRELQL	19949	19485
>NTRK3-T144 QTLSLREL	264	>NTRK3-T144 QRLSLREL	18681	18417

>NTRK3-T14☹QTLSLREL	3060	>NTRK3-T14☹QRLSLREL	448	2612
>NTRK3-T14☹QTLSLREL	84	>NTRK3-T14☹QRLSLREL	26208	26124
>NTRK3-T14☹QTLSLRELQL	46	>NTRK3-T14☹QRLSLRELQL	24613	24567
>NTRK3-T14☹QTLSLREL	19381	>NTRK3-T14☹QRLSLREL	75	19306
>NTRK3-T14☹QTLSLRELQL	17235	>NTRK3-T14☹QRLSLRELQL	29	17206
>NTRK3-T14☹QTLSLRELQ	296	>NTRK3-T14☹QRLSLRELQ	18002	17706
>NTRK3-T14☹QTLSLRELQL	20433	>NTRK3-T14☹QRLSLRELQL	229	20204
>NTRK3-T14☹QTLSLREL	9075	>NTRK3-T14☹QRLSLREL	121	8954
>NTRK3-T14☹QTLSLRELQL	15333	>NTRK3-T14☹QRLSLRELQL	83	15250
>NTRK3-T14☹LTTLSWQLFC	22635	>NTRK3-T14☹LTTLSWQLFC	498	22137
>NTRK3-T14☹LTTLSWQLFC	11062	>NTRK3-T14☹LTTLSWQLFC	26	11036
>NTRK3-T14☹LTTLSWQLFC	22889	>NTRK3-T14☹LTTLSWQLFC	82	22807
>NTRK3-T14☹LTTLSWQLFC	14289	>NTRK3-T14☹LTTLSWQLFC	17	14272
>NTRK3-T14☹LTTLSWQLFC	6435	>NTRK3-T14☹LTTLSWQLFC	489	5946
>NTRK3-T14☹FQTLSSLREL	213	>NTRK3-T14☹FQRLSLREL	1570	1357
>NTRK3-T14☹FQTLSSLREL	285	>NTRK3-T14☹FQRLSLREL	173	112
>NTRK3-T14☹FQTLSSLREL	20	>NTRK3-T14☹FQRLSLREL	113	93
>NTRK3-T14☹FQTLSSLRELQI	53	>NTRK3-T14☹FQRLSLRELQI	336	283
>NTRK3-T14☹FQTLSSLREL	6004	>NTRK3-T14☹FQRLSLREL	467	5537
>NTRK3-T14☹FQTLSSLREL	136	>NTRK3-T14☹FQRLSLREL	21	115
>NTRK3-T14☹FQTLSSLRELQI	353	>NTRK3-T14☹FQRLSLRELQI	44	309
>NTRK3-T14☹LFQTLSSLREL	119	>NTRK3-T14☹LFQRLSLREL	57	62
>NTRK3-T14☹LFQTLSLR	24	>NTRK3-T14☹LFQRLSLR	16	8
>NTRK3-T14☹LFQTLSLR	158	>NTRK3-T14☹LFQRLSLR	92	66
>NTRK3-T14☹LFQTLSLR	226	>NTRK3-T14☹LFQRLSLR	510	284
>NTRK3-T14☹QLFQTLSL	71	>NTRK3-T14☹QLFQRLSL	196	125
>NTRK3-T14☹QLFQTLSLREI	259	>NTRK3-T14☹QLFQRLSLREI	275	16
>NTRK3-T14☹QLFQTLSL	26	>NTRK3-T14☹QLFQRLSL	35	9
>NTRK3-T14☹QLFQTLSLREI	48	>NTRK3-T14☹QLFQRLSLREI	36	12
>NTRK3-T14☹QLFQTLSL	50	>NTRK3-T14☹QLFQRLSL	123	73
>NTRK3-T14☹QLFQTLSLREI	71	>NTRK3-T14☹QLFQRLSLREI	66	5
>NTRK3-T14☹QLFQTLSL	166	>NTRK3-T14☹QLFQRLSL	286	120
>NTRK3-T14☹QLFQTLSL	14	>NTRK3-T14☹QLFQRLSL	62	48
>NTRK3-T14☹QLFQTLSLREI	17	>NTRK3-T14☹QLFQRLSLREI	32	15
>NTRK3-T14☹QLFQTLSL	82	>NTRK3-T14☹QLFQRLSL	663	581
>NTRK3-T14☹QLFQTLSLREI	248	>NTRK3-T14☹QLFQRLSLREI	577	329
>NTRK3-T14☹QLFQTLSL	59	>NTRK3-T14☹QLFQRLSL	269	210
>NTRK3-T14☹QLFQTLSLREI	213	>NTRK3-T14☹QLFQRLSLREI	462	249
>NTRK3-T14☹QLFQTLSL	410	>NTRK3-T14☹QLFQRLSL	4006	3596
>NTRK3-T14☹QLFQTLSL	5	>NTRK3-T14☹QLFQRLSL	7	2
>NTRK3-T14☹QLFQTLSLREI	13	>NTRK3-T14☹QLFQRLSLREI	15	2
>NTRK3-T14☹QLFQTLSLR	339	>NTRK3-T14☹QLFQRLSLR	122	217
>NTRK3-T14☹QLFQTLSLR	144	>NTRK3-T14☹QLFQRLSLR	51	93



>NTRK3-T14 <sup>ϵ</sup> QLFQTL <sup>S</sup> L	49	>NTRK3-T14 <sup>ϵ</sup> QLFQRL <sup>S</sup> L	104	55
>NTRK3-T14 <sup>ϵ</sup> QLFQTL <sup>S</sup> LR	294	>NTRK3-T14 <sup>ϵ</sup> QLFQRL <sup>S</sup> LR	53	241
>NTRK3-T14 <sup>ϵ</sup> QLFQTL <sup>S</sup> LR	19	>NTRK3-T14 <sup>ϵ</sup> QLFQRL <sup>S</sup> LR	43	24
>NTRK3-T14 <sup>ϵ</sup> QLFQTL <sup>S</sup> L	914	>NTRK3-T14 <sup>ϵ</sup> QLFQRL <sup>S</sup> L	69	845
>NTRK3-T14 <sup>ϵ</sup> QLFQTL <sup>S</sup> LREI	5113	>NTRK3-T14 <sup>ϵ</sup> QLFQRL <sup>S</sup> LREI	447	4666
>NTRK3-T14 <sup>ϵ</sup> QLFQTL <sup>S</sup> L	322	>NTRK3-T14 <sup>ϵ</sup> QLFQRL <sup>S</sup> L	707	385
>NTRK3-T14 <sup>ϵ</sup> QLFQTL <sup>S</sup> L	130	>NTRK3-T14 <sup>ϵ</sup> QLFQRL <sup>S</sup> L	309	179
>NTRK3-T14 <sup>ϵ</sup> QLFQTL <sup>S</sup> LREI	323	>NTRK3-T14 <sup>ϵ</sup> QLFQRL <sup>S</sup> LREI	809	486
>NTRK3-T14 <sup>ϵ</sup> QLFQTL <sup>S</sup> LR	173	>NTRK3-T14 <sup>ϵ</sup> QLFQRL <sup>S</sup> LR	186	13
>NTRK3-T14 <sup>ϵ</sup> WQLFQTL <sup>S</sup> L	381	>NTRK3-T14 <sup>ϵ</sup> WQLFQRL <sup>S</sup> L	4905	4524
>NTRK3-T14 <sup>ϵ</sup> WQLFQTL <sup>S</sup> L	14	>NTRK3-T14 <sup>ϵ</sup> WQLFQRL <sup>S</sup> L	56	42
>NTRK3-T14 <sup>ϵ</sup> WQLFQTL <sup>S</sup> LF	492	>NTRK3-T14 <sup>ϵ</sup> WQLFQRL <sup>S</sup> LF	645	153
>NTRK3-T14 <sup>ϵ</sup> WQLFQTL <sup>S</sup> LF	151	>NTRK3-T14 <sup>ϵ</sup> WQLFQRL <sup>S</sup> LF	94	57
>NTRK3-T14 <sup>ϵ</sup> WQLFQTL <sup>S</sup> LF	546	>NTRK3-T14 <sup>ϵ</sup> WQLFQRL <sup>S</sup> LF	379	167
>NTRK3-T14 <sup>ϵ</sup> WQLFQTL <sup>S</sup> LF	348	>NTRK3-T14 <sup>ϵ</sup> WQLFQRL <sup>S</sup> LF	404	56
>NTRK3-T14 <sup>ϵ</sup> WQLFQTL <sup>S</sup> L	225	>NTRK3-T14 <sup>ϵ</sup> WQLFQRL <sup>S</sup> L	532	307
>NTRK3-T14 <sup>ϵ</sup> WQLFQTL <sup>S</sup> L	24	>NTRK3-T14 <sup>ϵ</sup> WQLFQRL <sup>S</sup> L	23	1
>NTRK3-T14 <sup>ϵ</sup> WQLFQTL <sup>S</sup> LF	452	>NTRK3-T14 <sup>ϵ</sup> WQLFQRL <sup>S</sup> LF	770	318
>NTRK3-T14 <sup>ϵ</sup> WQLFQTL <sup>S</sup> L	27	>NTRK3-T14 <sup>ϵ</sup> WQLFQRL <sup>S</sup> L	42	15
>NTRK3-T14 <sup>ϵ</sup> WQLFQTL <sup>S</sup> L	469	>NTRK3-T14 <sup>ϵ</sup> WQLFQRL <sup>S</sup> L	435	34
>NTRK3-T14 <sup>ϵ</sup> WQLFQTL <sup>S</sup> L	78	>NTRK3-T14 <sup>ϵ</sup> WQLFQRL <sup>S</sup> L	111	33
>NTRK3-T14 <sup>ϵ</sup> WQLFQTL <sup>S</sup> L	761	>NTRK3-T14 <sup>ϵ</sup> WQLFQRL <sup>S</sup> L	465	296
>NTRK3-T14 <sup>ϵ</sup> WQLFQTL <sup>S</sup> LF	220	>NTRK3-T14 <sup>ϵ</sup> WQLFQRL <sup>S</sup> LF	269	49
>NTRK3-T14 <sup>ϵ</sup> SWQLFQTL	1240	>NTRK3-T14 <sup>ϵ</sup> SWQLFQRL	273	967
>NTRK3-T14 <sup>ϵ</sup> SWQLFQTL <sup>S</sup> L	221	>NTRK3-T14 <sup>ϵ</sup> SWQLFQRL <sup>S</sup> L	313	92
>NTRK3-T14 <sup>ϵ</sup> SWQLFQTL	478	>NTRK3-T14 <sup>ϵ</sup> SWQLFQRL	1413	935
>NTRK3-T14 <sup>ϵ</sup> SWQLFQTL	76	>NTRK3-T14 <sup>ϵ</sup> SWQLFQRL	203	127
>NTRK3-T14 <sup>ϵ</sup> SWQLFQTL <sup>S</sup> L	127	>NTRK3-T14 <sup>ϵ</sup> SWQLFQRL <sup>S</sup> L	280	153
>NTRK3-T14 <sup>ϵ</sup> SWQLFQTL <sup>S</sup> L	84	>NTRK3-T14 <sup>ϵ</sup> SWQLFQRL <sup>S</sup> L	89	5
>NTRK3-T14 <sup>ϵ</sup> SWQLFQTL <sup>S</sup> L	28	>NTRK3-T14 <sup>ϵ</sup> SWQLFQRL <sup>S</sup> L	31	3
>NTRK3-T14 <sup>ϵ</sup> SWQLFQTL	58	>NTRK3-T14 <sup>ϵ</sup> SWQLFQRL	121	63
>NTRK3-T14 <sup>ϵ</sup> SWQLFQTL <sup>S</sup>	285	>NTRK3-T14 <sup>ϵ</sup> SWQLFQRL <sup>S</sup>	389	104
>NTRK3-T14 <sup>ϵ</sup> SWQLFQTL <sup>S</sup> L	100	>NTRK3-T14 <sup>ϵ</sup> SWQLFQRL <sup>S</sup> L	77	23
>NTRK3-T14 <sup>ϵ</sup> SWQLFQTL <sup>S</sup> L	222	>NTRK3-T14 <sup>ϵ</sup> SWQLFQRL <sup>S</sup> L	284	62
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL	114	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL	53	61
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL <sup>S</sup>	579	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL <sup>S</sup>	434	145
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQT	9546	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQR	12	9534
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL	314	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL	3478	3164
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL <sup>S</sup>	178	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL <sup>S</sup>	666	488
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQT	23308	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQR	107	23201
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQT	31579	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQR	202	31377
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL	88	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL	408	320
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL <sup>S</sup>	90	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL <sup>S</sup>	136	46

>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL	18	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL	18	0
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL <sup>S</sup>	10	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL <sup>S</sup>	13	3
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL	496	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL	3919	3423
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL	435	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL	790	355
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL	326	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL	819	493
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL <sup>S</sup>	207	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL <sup>S</sup>	501	294
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL	184	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL	358	174
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL <sup>S</sup>	417	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL <sup>S</sup>	671	254
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL	60	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL	101	41
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL <sup>S</sup>	299	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL <sup>S</sup>	290	9
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQT	8953	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQR	452	8501
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQT	25979	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQR	170	25809
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL	42	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL	98	56
>NTRK3-T14 <sup>ϵ</sup> LSWQLFQTL <sup>S</sup>	34	>NTRK3-T14 <sup>ϵ</sup> LSWQLFQRL <sup>S</sup>	58	24
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQT	240	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQR	16952	16712
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQTL	172	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQRI	637	465
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQT	110	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQR	3348	3238
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQTL	67	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQRI	151	84
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQTL	299	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQRI	1610	1311
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQT	157	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQR	13167	13010
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQTL	91	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQRI	318	227
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQT	118	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQR	6320	6202
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQTL	15	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQRI	24	9
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQTL	67	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQRI	394	327
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQT	216	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQR	13013	12797
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQTL	24	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQRI	49	25
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQT	319	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQR	20344	20025
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQTL	46	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQRI	96	50
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQT	9	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQR	1051	1042
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQTL	3	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQRI	3	0
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQT	17245	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQR	318	16927
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQT	17121	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQR	85	17036
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQT	15425	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQR	15	15410
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQT	27227	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQR	103	27124
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQT	17084	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQR	16	17068
>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQT	32199	>NTRK3-T14 <sup>ϵ</sup> TL <sup>S</sup> WQLFQR	213	31986
>NTRK3-T14 <sup>ϵ</sup> TTL <sup>S</sup> WQLFQ <sup>†</sup>	133	>NTRK3-T14 <sup>ϵ</sup> TTL <sup>S</sup> WQLFQ <sup>F</sup>	79	54
>NTRK3-T14 <sup>ϵ</sup> TTL <sup>S</sup> WQLFQ <sup>†</sup>	155	>NTRK3-T14 <sup>ϵ</sup> TTL <sup>S</sup> WQLFQ <sup>F</sup>	4075	3920
>NTRK3-T14 <sup>ϵ</sup> TTL <sup>S</sup> WQLFQ <sup>†</sup>	182	>NTRK3-T14 <sup>ϵ</sup> TTL <sup>S</sup> WQLFQ <sup>F</sup>	747	565
>NTRK3-T14 <sup>ϵ</sup> TTL <sup>S</sup> WQLFQ <sup>†</sup>	183	>NTRK3-T14 <sup>ϵ</sup> TTL <sup>S</sup> WQLFQ <sup>F</sup>	348	165
>NTRK3-T14 <sup>ϵ</sup> TTL <sup>S</sup> WQLFQ <sup>†</sup>	13707	>NTRK3-T14 <sup>ϵ</sup> TTL <sup>S</sup> WQLFQ <sup>F</sup>	393	13314
>NTRK3-T14 <sup>ϵ</sup> TTL <sup>S</sup> WQLFQ <sup>†</sup>	23959	>NTRK3-T14 <sup>ϵ</sup> TTL <sup>S</sup> WQLFQ <sup>F</sup>	29	23930
>NTRK3-T14 <sup>ϵ</sup> TTL <sup>S</sup> WQLFQ <sup>†</sup>	413	>NTRK3-T14 <sup>ϵ</sup> TTL <sup>S</sup> WQLFQ <sup>F</sup>	361	52

>NTRK3-T14:TTLSWQLFQI	12171	>NTRK3-T14:TTLSWQLFQI	32	12139
>NTRK3-T14:TTLSWQLFQI	149	>NTRK3-T14:TTLSWQLFQI	1614	1465
>NTRK3-T14:TTLSWQLFQI	17395	>NTRK3-T14:TTLSWQLFQI	137	17258
>NTRK3-T14:TTLSWQLFQI	23141	>NTRK3-T14:TTLSWQLFQI	11	23130
>NTRK3-T14:TTLSWQLFQI	270	>NTRK3-T14:TTLSWQLFQI	194	76
>NTRK3-T14:TTLSWQLFQI	33	>NTRK3-T14:TTLSWQLFQI	1742	1709
>NTRK3-T14:TTLSWQLFQI	11	>NTRK3-T14:TTLSWQLFQI	17	6
>NTRK3-T14:TTLSWQLFQI	40	>NTRK3-T14:TTLSWQLFQI	54	14
>NTRK3-T14:TTLSWQLFQI	245	>NTRK3-T14:TTLSWQLFQI	506	261
>NTRK3-T14:TTLSWQLFQI	30	>NTRK3-T14:TTLSWQLFQI	42	12
>NTRK3-T14:TTLSWQLFQI	1163	>NTRK3-T14:TTLSWQLFQI	102	1061
>NTRK3-T14:TTLSWQLFQI	29300	>NTRK3-T14:TTLSWQLFQI	293	29007
>NTRK3-T14:TTLSWQLFQI	429	>NTRK3-T14:TTLSWQLFQI	1105	676
>NTRK3-T28:TCIAENVVGM	214	>NTRK3-T28:KCIAENVVGM	1501	1287
>NTRK3-T28:LTCIAENV	279	>NTRK3-T28:LKCIAENV	16400	16121
>NTRK3-T28:LTCIAENVVG	5250	>NTRK3-T28:LKCIAENVVG	200	5050
>NTRK3-T28:LTCIAENVVG	24	>NTRK3-T28:LKCIAENVVG	18587	18563
>NTRK3-T28:VTSEDNGFTL	20456	>NTRK3-T28:VTSEDNGFTL	126	20330
>NTRK3-T28:VTSEDNGFTL	20481	>NTRK3-T28:VTSEDNGFTL	20	20461
>NTRK3-T28:VTSEDNGFTL	19535	>NTRK3-T28:VTSEDNGFTL	75	19460
>NTRK3-T28:TLTCIAENV	231	>NTRK3-T28:TLKCIAENV	2036	1805
>NTRK3-T28:TLTCIAENV	8	>NTRK3-T28:TLKCIAENV	22	14
>NTRK3-T28:TLTCIAENVV	188	>NTRK3-T28:TLKCIAENVV	309	121
>NTRK3-T28:TLTCIAENV	22	>NTRK3-T28:TLKCIAENV	10	12
>NTRK3-T28:TLTCIAENVV	295	>NTRK3-T28:TLKCIAENVV	238	57
>NTRK3-T28:TLTCIAENV	180	>NTRK3-T28:TLKCIAENV	1870	1690
>NTRK3-T28:TLTCIAENV	18	>NTRK3-T28:TLKCIAENV	142	124
>NTRK3-T28:TLTCIAENVV	69	>NTRK3-T28:TLKCIAENVV	595	526
>NTRK3-T28:TLTCIAENV	14	>NTRK3-T28:TLKCIAENV	66	52
>NTRK3-T28:TLTCIAENVV	23	>NTRK3-T28:TLKCIAENVV	116	93
>NTRK3-T28:TLTCIAENV	29	>NTRK3-T28:TLKCIAENV	1056	1027
>NTRK3-T28:TLTCIAENVV	40	>NTRK3-T28:TLKCIAENVV	1976	1936
>NTRK3-T28:TLTCIAENV	20	>NTRK3-T28:TLKCIAENV	422	402
>NTRK3-T28:TLTCIAENVV	150	>NTRK3-T28:TLKCIAENVV	3024	2874
>NTRK3-T28:TLTCIAENV	6	>NTRK3-T28:TLKCIAENV	21	15
>NTRK3-T28:TLTCIAENVV	11	>NTRK3-T28:TLKCIAENVV	40	29
>NTRK3-T28:TLTCIAENV	16	>NTRK3-T28:TLKCIAENV	94	78
>NTRK3-T28:TLTCIAENV	116	>NTRK3-T28:TLKCIAENV	955	839
>NTRK3-T28:FTLTCIAENV	78	>NTRK3-T28:FTLKCIAENV	166	88
>NTRK3-T28:FTLTCIAENV\	68	>NTRK3-T28:FTLKCIAENV\	92	24
>NTRK3-T28:FTLTCIAENV	41	>NTRK3-T28:FTLKCIAENV	93	52
>NTRK3-T28:FTLTCIAENV\	114	>NTRK3-T28:FTLKCIAENV\	125	11
>NTRK3-T28:FTLTCIAENV	62	>NTRK3-T28:FTLKCIAENV	74	12

>NTRK3-T28:FTLTCAENV\	194	>NTRK3-T28:FTLKCIAENV\	259	65
>NTRK3-T28:FTLTCAENV	28	>NTRK3-T28:FTLKCIAENV	44	16
>NTRK3-T28:FTLTCAENV\	19	>NTRK3-T28:FTLKCIAENV\	21	2
>NTRK3-T28:FTLTCAENV	9	>NTRK3-T28:FTLKCIAENV	9	0
>NTRK3-T28:FTLTCAENV\	32	>NTRK3-T28:FTLKCIAENV\	30	2
>NTRK3-T28:FTLTCAENV	20	>NTRK3-T28:FTLKCIAENV	25	5
>NTRK3-T28:FTLTCAENV\	38	>NTRK3-T28:FTLKCIAENV\	47	9
>NTRK3-T28:FTLTCAENV	25	>NTRK3-T28:FTLKCIAENV	18	7
>NTRK3-T28:FTLTCAENV\	44	>NTRK3-T28:FTLKCIAENV\	29	15
>NTRK3-T28:FTLTCAENV	33	>NTRK3-T28:FTLKCIAENV	47	14
>NTRK3-T28:FTLTCAENV\	181	>NTRK3-T28:FTLKCIAENV\	281	100
>NTRK3-T28:FTLTCAENV	22	>NTRK3-T28:FTLKCIAENV	28	6
>NTRK3-T28:FTLTCAENV\	37	>NTRK3-T28:FTLKCIAENV\	45	8
>NTRK3-T28:FTLTCAENV	42	>NTRK3-T28:FTLKCIAENV	95	53
>NTRK3-T28:FTLTCAENV\	35	>NTRK3-T28:FTLKCIAENV\	64	29
>NTRK3-T28:FTLTCAENV	8	>NTRK3-T28:FTLKCIAENV	7	1
>NTRK3-T28:FTLTCAENV\	89	>NTRK3-T28:FTLKCIAENV\	81	8
>NTRK3-T28:FTLTCAENV\	196	>NTRK3-T28:FTLKCIAENV\	151	45
>NTRK3-T28:EDNGFTLTCI	294	>NTRK3-T28:EDNGFTLKCI	108	186
>NTRK3-T28:EDNGFTLT	28844	>NTRK3-T28:EDNGFTLK	426	28418
>NTRK3-T28:EDNGFTLTCI	418	>NTRK3-T28:EDNGFTLKCI	658	240
>NTRK3-T28:SEDNGFTLTC	28	>NTRK3-T28:SEDNGFTLKC	13	15
>NTRK3-T28:SEDNGFTLTC	169	>NTRK3-T28:SEDNGFTLKC	426	257
>NTRK3-T28:SEDNGFTLTC	315	>NTRK3-T28:SEDNGFTLKC	639	324
>NTRK3-T28:SEDNGFTLT	311	>NTRK3-T28:SEDNGFTLK	4174	3863
>NTRK3-T28:SEDNGFTLTC	28	>NTRK3-T28:SEDNGFTLKC	49	21
>NTRK3-T28:TSEDNGFTLT	28038	>NTRK3-T28:TSEDNGFTLK	492	27546
>NTRK3-T28:TSEDNGFTLT	33236	>NTRK3-T28:TSEDNGFTLK	66	33170
>NTRK3-T28:TSEDNGFTLT	34000	>NTRK3-T28:TSEDNGFTLK	368	33632
>NTRK3-T28:TSEDNGFTLT	14621	>NTRK3-T28:TSEDNGFTLK	409	14212
>NTRK3-V30:VVSLEEPEL	823	>NTRK3-V30:LVSLEEPEL	493	330
>NTRK3-V30:VVSLEEPELR	91	>NTRK3-V30:LVSLEEPELR	33	58
>NTRK3-V30:RVVSLEEPEL	4268	>NTRK3-V30:RLVSLEEPEL	188	4080
>NTRK3-V30:RVVSLEEPEL	568	>NTRK3-V30:RLVSLEEPEL	45	523
>NTRK3-V30:RVVSLEEPEL	3120	>NTRK3-V30:RLVSLEEPEL	411	2709
>NTRK3-V30:RVVSLEEPEL	655	>NTRK3-V30:RLVSLEEPEL	476	179
>NTRK3-V30:RVVSLEEPEL	2962	>NTRK3-V30:RLVSLEEPEL	35	2927
>NTRK3-V30:RVVSLEEPEL	9013	>NTRK3-V30:RLVSLEEPEL	262	8751
>NTRK3-V30:RVVSLEEPEL	4705	>NTRK3-V30:RLVSLEEPEL	49	4656
>NTRK3-V30:RVVSLEEPEL	2329	>NTRK3-V30:RLVSLEEPEL	17	2312
>NTRK3-V30:RVVSLEEPELF	49	>NTRK3-V30:RLVSLEEPELR	75	26
>NTRK3-V30:RVVSLEEPELF	67	>NTRK3-V30:RLVSLEEPELR	749	682
>NTRK3-V30:RVVSLEEPEL	465	>NTRK3-V30:RLVSLEEPEL	3671	3206

>NTRK3-V30`RVVSLEEPELF	136	>NTRK3-V30`RLVSLEEPELR	86	50
>NTRK3-V30`VALTVYYPPR`	234	>NTRK3-V30`VALTVYYPPR`	88	146
>NTRK3-V30`VALTVYYPPR`	250	>NTRK3-V30`VALTVYYPPR`	1496	1246
>NTRK3-V30`VALTVYYPPR`	235	>NTRK3-V30`VALTVYYPPR`	1343	1108
>NTRK3-V30`VALTVYYPPR`	18	>NTRK3-V30`VALTVYYPPR`	281	263
>NTRK3-V30`VALTVYYPPR`	138	>NTRK3-V30`VALTVYYPPR`	3078	2940
>NTRK3-V30`VALTVYYPPR`	262	>NTRK3-V30`VALTVYYPPR`	4041	3779
>NTRK3-V30`VALTVYYPPR`	148	>NTRK3-V30`VALTVYYPPR`	4446	4298
>NTRK3-V30`VALTVYYPPR`	181	>NTRK3-V30`VALTVYYPPR`	1783	1602
>NTRK3-V30`VALTVYYPPR`	5572	>NTRK3-V30`VALTVYYPPR`	363	5209
>NTRK3-V30`YPPRVVSL	36	>NTRK3-V30`YPPRLVSL	59	23
>NTRK3-V30`YPPRVVSL	53	>NTRK3-V30`YPPRLVSL	44	9
>NTRK3-V30`YPPRVVSL	498	>NTRK3-V30`YPPRLVSL	334	164
>NTRK3-V30`YPPRVVSL	267	>NTRK3-V30`YPPRLVSL	372	105
>NTRK3-V30`YPPRVVSL	740	>NTRK3-V30`YPPRLVSL	223	517
>NTRK3-V30`YPPRVVSL	203	>NTRK3-V30`YPPRLVSL	204	1
>NTRK3-V30`YPPRVVSL	835	>NTRK3-V30`YPPRLVSL	356	479
>NTRK3-V30`YPPRVVSL	32	>NTRK3-V30`YPPRLVSL	40	8
>NTRK3-V30`YPPRVVS	105	>NTRK3-V30`YPPRLVS	116	11
>NTRK3-V30`YPPRVVSL	4	>NTRK3-V30`YPPRLVSL	3	1
>NTRK3-V30`YPPRVVSLE	135	>NTRK3-V30`YPPRLVSLE	148	13
>NTRK3-V30`YPPRVVSLEI	55	>NTRK3-V30`YPPRLVSLEE	59	4
>NTRK3-V30`YPPRVVSL	94	>NTRK3-V30`YPPRLVSL	86	8
>NTRK3-V30`YPPRVVSL	726	>NTRK3-V30`YPPRLVSL	279	447
>NTRK3-V30`VYYPPRVVSL	338	>NTRK3-V30`VYYPPRLVSL	459	121
>NTRK3-V30`VYYPPRVV	394	>NTRK3-V30`VYYPPRLV	374	20
>NTRK3-V30`VYYPPRVV	407	>NTRK3-V30`VYYPPRLV	296	111
>NTRK3-V30`VYYPPRVVSL	291	>NTRK3-V30`VYYPPRLVSL	388	97
>NTRK3-V30`VYYPPRVVSL	212	>NTRK3-V30`VYYPPRLVSL	291	79
>NTRK3-V30`VYYPPRVVSL	10	>NTRK3-V30`VYYPPRLVSL	10	0
>NTRK3-V30`VYYPPRVVSL	421	>NTRK3-V30`VYYPPRLVSL	729	308
>NTRK3-V30`VYYPPRVVSL	1143	>NTRK3-V30`VYYPPRLVSL	239	904
>NTRK3-V30`VYYPPRVV	436	>NTRK3-V30`VYYPPRLV	292	144
>NTRK3-V30`VYYPPRVVSL	53	>NTRK3-V30`VYYPPRLVSL	44	9
>NTRK3-V30`TVYYPPRV	604	>NTRK3-V30`TVYYPPRL	158	446
>NTRK3-V30`TVYYPPRVVS	149	>NTRK3-V30`TVYYPPRLVSI	99	50
>NTRK3-V30`TVYYPPRV	390	>NTRK3-V30`TVYYPPRL	1739	1349
>NTRK3-V30`TVYYPPRV	105	>NTRK3-V30`TVYYPPRL	1282	1177
>NTRK3-V30`TVYYPPRVV	343	>NTRK3-V30`TVYYPPRLV	146	197
>NTRK3-V30`TVYYPPRVVS	370	>NTRK3-V30`TVYYPPRLVSI	335	35
>NTRK3-V30`TVYYPPRV	34	>NTRK3-V30`TVYYPPRL	543	509
>NTRK3-V30`TVYYPPRVV	217	>NTRK3-V30`TVYYPPRLV	199	18
>NTRK3-V30`TVYYPPRV	333	>NTRK3-V30`TVYYPPRL	3585	3252

>NTRK3-V30: TVYYPPRV	88	>NTRK3-V30: TVYYPPRL	1332	1244
>NTRK3-V30: TVYYPPRVVS	54	>NTRK3-V30: TVYYPPRLVSI	86	32
>NTRK3-V30: TVYYPPRV	21	>NTRK3-V30: TVYYPPRL	144	123
>NTRK3-V30: TVYYPPRVV	22	>NTRK3-V30: TVYYPPRLV	11	11
>NTRK3-V30: TVYYPPRVVS	37	>NTRK3-V30: TVYYPPRLVSI	33	4
>NTRK3-V30: TVYYPPRV	12	>NTRK3-V30: TVYYPPRL	88	76
>NTRK3-V30: TVYYPPRVV	153	>NTRK3-V30: TVYYPPRLV	64	89
>NTRK3-V30: TVYYPPRVVS	224	>NTRK3-V30: TVYYPPRLVSI	187	37
>NTRK3-V30: TVYYPPRVVS	467	>NTRK3-V30: TVYYPPRLVSI	620	153
>NTRK3-V30: LTVYYPPRV	1110	>NTRK3-V30: LTVYYPPRL	273	837
>NTRK3-V30: LTVYYPPRV	208	>NTRK3-V30: LTVYYPPRL	1388	1180
>NTRK3-V30: LTVYYPPRV	318	>NTRK3-V30: LTVYYPPRL	3590	3272
>NTRK3-V30: LTVYYPPRVV	193	>NTRK3-V30: LTVYYPPRLV	125	68
>NTRK3-V30: LTVYYPPRV	328	>NTRK3-V30: LTVYYPPRL	2211	1883
>NTRK3-V30: LTVYYPPRVV	653	>NTRK3-V30: LTVYYPPRLV	363	290
>NTRK3-V30: LTVYYPPRV	72	>NTRK3-V30: LTVYYPPRL	1292	1220
>NTRK3-V30: LTVYYPPRVV	411	>NTRK3-V30: LTVYYPPRLV	394	17
>NTRK3-V30: LTVYYPPRV	227	>NTRK3-V30: LTVYYPPRL	5805	5578
>NTRK3-V30: LTVYYPPRV	3330	>NTRK3-V30: LTVYYPPRL	228	3102
>NTRK3-V30: LTVYYPPRV	206	>NTRK3-V30: LTVYYPPRL	1612	1406
>NTRK3-V30: LTVYYPPRVV	442	>NTRK3-V30: LTVYYPPRLV	238	204
>NTRK3-V30: LTVYYPPRV	42	>NTRK3-V30: LTVYYPPRL	536	494
>NTRK3-V30: LTVYYPPRVV	364	>NTRK3-V30: LTVYYPPRLV	186	178
>NTRK3-V30: LTVYYPPRV	71	>NTRK3-V30: LTVYYPPRL	5	66
>NTRK3-V30: LTVYYPPRVV	326	>NTRK3-V30: LTVYYPPRLV	466	140
>NTRK3-V30: LTVYYPPRV	1168	>NTRK3-V30: LTVYYPPRL	198	970
>NTRK3-V30: LTVYYPPRVV	1341	>NTRK3-V30: LTVYYPPRLV	395	946
>NTRK3-V30: LTVYYPPRV	560	>NTRK3-V30: LTVYYPPRL	158	402
>NTRK3-V30: LTVYYPPRVV	77	>NTRK3-V30: LTVYYPPRLV	56	21
>NTRK3-V30: ALTVYYPPRV	160	>NTRK3-V30: ALTVYYPPRL	732	572
>NTRK3-V30: ALTVYYPPRV	455	>NTRK3-V30: ALTVYYPPRL	177	278
>NTRK3-V30: ALTVYYPPRV	108	>NTRK3-V30: ALTVYYPPRL	106	2
>NTRK3-V30: ALTVYYPPRV	270	>NTRK3-V30: ALTVYYPPRL	80	190
>NTRK3-V30: ALTVYYPPRV	85	>NTRK3-V30: ALTVYYPPRL	480	395
>NTRK3-V30: ALTVYYPPRV	60	>NTRK3-V30: ALTVYYPPRL	33	27
>NTRK3-V30: ALTVYYPPRV	833	>NTRK3-V30: ALTVYYPPRL	481	352
>NTRK3-V30: ALTVYYPPRV	4	>NTRK3-V30: ALTVYYPPRL	25	21
>NTRK3-V30: ALTVYYPPRV	10	>NTRK3-V30: ALTVYYPPRL	10	0
>NTRK3-V30: ALTVYYPPRV	39	>NTRK3-V30: ALTVYYPPRL	313	274
>NTRK3-V30: ALTVYYPPRV	76	>NTRK3-V30: ALTVYYPPRL	124	48
>NTRK3-V30: ALTVYYPPRV	6	>NTRK3-V30: ALTVYYPPRL	39	33
>NTRK3-V30: ALTVYYPPRV	42	>NTRK3-V30: ALTVYYPPRL	32	10
>NTRK3-V30: ALTVYYPPRV	16	>NTRK3-V30: ALTVYYPPRL	592	576

>NTRK3-V30`ALTVYYPPRV	316	>NTRK3-V30`ALTVYYPPRL	395	79
>NTRK3-V30`ALTVYYPPRV	2	>NTRK3-V30`ALTVYYPPRL	5	3
>NTRK3-V30`ALTVYYPPRV	6	>NTRK3-V30`ALTVYYPPRL	5	1
>NUMA1-D3.DCSIFIKIIDR	769	>NUMA1-D3.NCSIFIKIIDR	221	548
>NUMA1-D3.QDCSIFIKII	325	>NUMA1-D3.QNCSIFIKII	1334	1009
>NUMA1-D3.QDCSIFIKI	363	>NUMA1-D3.QNCSIFIKI	6581	6218
>NUMA1-D3.QDCSIFIKII	321	>NUMA1-D3.QNCSIFIKII	8305	7984
>NUMA1-D3.QDCSIFIKI	2081	>NUMA1-D3.QNCSIFIKI	434	1647
>NUMA1-D3.QDCSIFIKI	328	>NUMA1-D3.QNCSIFIKI	13248	12920
>NUMA1-D3.QDCSIFIKII	241	>NUMA1-D3.QNCSIFIKII	9642	9401
>NUMA1-D3.LQDCSIFI	106	>NUMA1-D3.LQNCSIFI	264	158
>NUMA1-D3.LQDCSIFI	498	>NUMA1-D3.LQNCSIFI	139	359
>NUMA1-D3.LQDCSIFI	1647	>NUMA1-D3.LQNCSIFI	94	1553
>NUMA1-D3.LQDCSIFIKII	2540	>NUMA1-D3.LQNCSIFIKII	148	2392
>NUMA1-D3.LQDCSIFI	11	>NUMA1-D3.LQNCSIFI	16	5
>NUMA1-D3.LQDCSIFIKI	234	>NUMA1-D3.LQNCSIFIKI	395	161
>NUMA1-D3.LQDCSIFIKII	148	>NUMA1-D3.LQNCSIFIKII	249	101
>NUMA1-D3.LQDCSIFI	186	>NUMA1-D3.LQNCSIFI	328	142
>NUMA1-D3.LQDCSIFIKI	361	>NUMA1-D3.LQNCSIFIKI	627	266
>NUMA1-D3.LQDCSIFI	102	>NUMA1-D3.LQNCSIFI	220	118
>NUMA1-D3.LQDCSIFIKI	375	>NUMA1-D3.LQNCSIFIKI	727	352
>NUMA1-D3.LQDCSIFIK	2766	>NUMA1-D3.LQNCSIFIK	276	2490
>NUMA1-D3.LQDCSIFIK	70	>NUMA1-D3.LQNCSIFIK	27	43
>NUMA1-D3.LQDCSIFIK	2729	>NUMA1-D3.LQNCSIFIK	100	2629
>NUMA1-D3.LQDCSIFI	7227	>NUMA1-D3.LQNCSIFI	388	6839
>NUMA1-D3.LQDCSIFI	1062	>NUMA1-D3.LQNCSIFI	36	1026
>NUMA1-D3.LQDCSIFIK	2113	>NUMA1-D3.LQNCSIFIK	156	1957
>NUMA1-D3.LQDCSIFIKI	888	>NUMA1-D3.LQNCSIFIKI	37	851
>NUMA1-D3.LQDCSIFIKII	461	>NUMA1-D3.LQNCSIFIKII	19	442
>NUMA1-D3.LQDCSIFI	17	>NUMA1-D3.LQNCSIFI	55	38
>NUMA1-D3.LQDCSIFIKI	67	>NUMA1-D3.LQNCSIFIKI	230	163
>NUMA1-D3.LQDCSIFI	13	>NUMA1-D3.LQNCSIFI	62	49
>NUMA1-D3.LQDCSIFIKI	53	>NUMA1-D3.LQNCSIFIKI	240	187
>NUMA1-D3.LQDCSIFI	127	>NUMA1-D3.LQNCSIFI	420	293
>NUMA1-D3.LQDCSIFIKI	314	>NUMA1-D3.LQNCSIFIKI	769	455
>NUMA1-D3.LQDCSIFI	46	>NUMA1-D3.LQNCSIFI	289	243
>NUMA1-D3.LQDCSIFIKI	208	>NUMA1-D3.LQNCSIFIKI	800	592
>NUMA1-D3.LQDCSIFI	64	>NUMA1-D3.LQNCSIFI	174	110
>NUMA1-D3.LQDCSIFIKI	130	>NUMA1-D3.LQNCSIFIKI	318	188
>NUMA1-D3.LQDCSIFI	7	>NUMA1-D3.LQNCSIFI	12	5
>NUMA1-D3.LQDCSIFIKI	36	>NUMA1-D3.LQNCSIFIKI	67	31
>NUMA1-D3.LQDCSIFI	174	>NUMA1-D3.LQNCSIFI	362	188
>NUMA1-D3.LQDCSIFI	13	>NUMA1-D3.LQNCSIFI	119	106

>NUMA1-D3: QLQDCSIFIKI	102	>NUMA1-D3: QLQNC SIFIKI	537	435
>NUMA1-D3: QLQDCSIFI	15	>NUMA1-D3: QLQNC SIFI	132	117
>NUMA1-D3: QLQDCSIFIKI	20	>NUMA1-D3: QLQNC SIFIKI	134	114
>NUMA1-D3: QLQDCSIFIK	110	>NUMA1-D3: QLQNC SIFIK	84	26
>NUMA1-D3: QLQDCSIFIK	99	>NUMA1-D3: QLQNC SIFIK	94	5
>NUMA1-D3: QLQDCSIFIKI	863	>NUMA1-D3: QLQNC SIFIKI	301	562
>NUMA1-D3: QLQDCSIF	212	>NUMA1-D3: QLQNC SIF	179	33
>NUMA1-D3: QLQDCSIF	341	>NUMA1-D3: QLQNC SIF	182	159
>NUMA1-D3: QLQDCSIF	134	>NUMA1-D3: QLQNC SIF	52	82
>NUMA1-D3: QLQDCSIFIK	274	>NUMA1-D3: QLQNC SIFIK	238	36
>NUMA1-D3: LQLQDCSIFI	4632	>NUMA1-D3: LQLQNC SIFI	197	4435
>NUMA1-D3: LQLQDCSIFI	72	>NUMA1-D3: LQLQNC SIFI	43	29
>NUMA1-D3: LQLQDCSIFI	120	>NUMA1-D3: LQLQNC SIFI	170	50
>NUMA1-D3: LQLQDCSIFI	218	>NUMA1-D3: LQLQNC SIFI	356	138
>NUMA1-D3: LQLQDCSIFI	547	>NUMA1-D3: LQLQNC SIFI	464	83
>NUMA1-D3: LQLQDCSI	48	>NUMA1-D3: LQLQNC SI	46	2
>NUMA1-D3: LQLQDCSIFI	44	>NUMA1-D3: LQLQNC SIFI	65	21
>NUMA1-D3: LQLQDCSI	1037	>NUMA1-D3: LQLQNC SI	494	543
>NUMA1-D3: LQLQDCSIFI	653	>NUMA1-D3: LQLQNC SIFI	466	187
>NUMA1-D3: LQLQDCSIFI	533	>NUMA1-D3: LQLQNC SIFI	350	183
>NUMA1-D3: LQLQDCSIFIK	406	>NUMA1-D3: LQLQNC SIFIK	268	138
>NUMA1-D3: LQLQDCSIF	1851	>NUMA1-D3: LQLQNC SIF	460	1391
>NUMA1-D3: LQLQDCSI	487	>NUMA1-D3: LQLQNC SI	350	137
>NUMA1-D3: LQLQDCSIF	50	>NUMA1-D3: LQLQNC SIF	44	6
>NUMA1-D3: LQLQDCSIF	365	>NUMA1-D3: LQLQNC SIF	166	199
>NUMA1-D3: LQLQDCSI	83	>NUMA1-D3: LQLQNC SI	42	41
>NUMA1-D3: LQLQDCSIF	3	>NUMA1-D3: LQLQNC SIF	3	0
>NUMA1-D3: LQLQDCSIFI	68	>NUMA1-D3: LQLQNC SIFI	44	24
>NUMA1-D3: LQLQDCSIFIK	345	>NUMA1-D3: LQLQNC SIFIK	277	68
>NUMA1-D3: LQLQDCSIF	187	>NUMA1-D3: LQLQNC SIF	329	142
>NUMA1-D3: VLQLQDCSIFI	323	>NUMA1-D3: VLQLQNC SIFI	235	88
>NUMA1-D3: VLQLQDCSIFI	258	>NUMA1-D3: VLQLQNC SIFI	187	71
>NUMA1-D3: VLQLQDCSI	318	>NUMA1-D3: VLQLQNC SI	140	178
>NUMA1-D3: VLQLQDCSIFI	106	>NUMA1-D3: VLQLQNC SIFI	79	27
>NUMA1-D3: VLQLQDCSI	59	>NUMA1-D3: VLQLQNC SI	63	4
>NUMA1-D3: VLQLQDCSIFI	26	>NUMA1-D3: VLQLQNC SIFI	28	2
>NUMA1-D3: VLQLQDCSI	354	>NUMA1-D3: VLQLQNC SI	615	261
>NUMA1-D3: VLQLQDCSIFI	91	>NUMA1-D3: VLQLQNC SIFI	129	38
>NUMA1-D3: VLQLQDCSI	1486	>NUMA1-D3: VLQLQNC SI	369	1117
>NUMA1-D3: VLQLQDCSIFI	190	>NUMA1-D3: VLQLQNC SIFI	110	80
>NUMA1-D3: VLQLQDCSI	38	>NUMA1-D3: VLQLQNC SI	24	14
>NUMA1-D3: VLQLQDCSIFI	38	>NUMA1-D3: VLQLQNC SIFI	37	1
>NUMA1-D3: VLQLQDCSIF	309	>NUMA1-D3: VLQLQNC SIF	252	57



>NUMA1-D3: VLQLQDCSIF	449	>NUMA1-D3: VLQLQNC SIF	306	143
>NUMA1-D3: VLQLQDCSIF	412	>NUMA1-D3: VLQLQNC SIF	177	235
>NUMA1-D3: VLQLQDCSIF	703	>NUMA1-D3: VLQLQNC SIF	463	240
>NUMA1-D3: AVLQLQDCSI	711	>NUMA1-D3: AVLQLQNC SI	426	285
>NUMA1-D3: AVLQLQDCSI	233	>NUMA1-D3: AVLQLQNC SI	300	67
>NUMA1-D3: AVLQLQDCSI	176	>NUMA1-D3: AVLQLQNC SI	91	85
>NUMA1-D3: AVLQLQDCSI	285	>NUMA1-D3: AVLQLQNC SI	167	118
>NUMA1-D3: AVLQLQDCSI	926	>NUMA1-D3: AVLQLQNC SI	455	471
>NUMA1-D3: AVLQLQDCSI	33	>NUMA1-D3: AVLQLQNC SI	28	5
>NUMA1-D3: AVLQLQDCSI	721	>NUMA1-D3: AVLQLQNC SI	247	474
>NUMA1-D3: EAVLQLQDCS	646	>NUMA1-D3: EAVLQLQNC S	419	227
>NUMA1-D3: EAVLQLQDCS	1986	>NUMA1-D3: EAVLQLQNC S	396	1590
>NUMA1-E1: ETASNSARA	6847	>NUMA1-E1: KTASNSARA	432	6415
>NUMA1-E1: ETASNSAR	12830	>NUMA1-E1: KTASNSAR	433	12397
>NUMA1-E1: ETASNSAR	5563	>NUMA1-E1: KTASNSAR	209	5354
>NUMA1-E1: ETASNSARAA	468	>NUMA1-E1: KTASNSARAA	14098	13630
>NUMA1-E1: ETASNSARA	14929	>NUMA1-E1: KTASNSARA	101	14828
>NUMA1-E1: ETASNSARAA	15340	>NUMA1-E1: KTASNSARAA	139	15201
>NUMA1-E1: ETASNSAR	979	>NUMA1-E1: KTASNSAR	13	966
>NUMA1-E1: ETASNSAR	107	>NUMA1-E1: KTASNSAR	5605	5498
>NUMA1-E1: ETASNSAR	1	>NUMA1-E1: KTASNSAR	18	17
>NUMA1-E1: ETASNSARAA	152	>NUMA1-E1: KTASNSARAA	9011	8859
>NUMA1-E1: ETASNSARA	8	>NUMA1-E1: KTASNSARA	474	466
>NUMA1-E1: ETASNSARAA	67	>NUMA1-E1: KTASNSARAA	2824	2757
>NUMA1-E1: ETASNSARA	26	>NUMA1-E1: KTASNSARA	4535	4509
>NUMA1-E1: ETASNSARAA	76	>NUMA1-E1: KTASNSARAA	5929	5853
>NUMA1-E1: ETASNSARA	7489	>NUMA1-E1: KTASNSARA	320	7169
>NUMA1-E1: ETASNSAR	2821	>NUMA1-E1: KTASNSAR	199	2622
>NUMA1-E1: AETASNSA	7680	>NUMA1-E1: AKTASNSA	239	7441
>NUMA1-E1: AETASNSAR	2016	>NUMA1-E1: AKTASNSAR	64	1952
>NUMA1-E1: AETASNSARA	4757	>NUMA1-E1: AKTASNSARA	149	4608
>NUMA1-E1: AETASNSA	76	>NUMA1-E1: AKTASNSA	24761	24685
>NUMA1-E1: AETASNSARA	79	>NUMA1-E1: AKTASNSARA	25650	25571
>NUMA1-E1: AETASNSARA	312	>NUMA1-E1: AKTASNSARA	16948	16636
>NUMA1-E1: AETASNSA	9	>NUMA1-E1: AKTASNSA	6114	6105
>NUMA1-E1: AETASNSAR	331	>NUMA1-E1: AKTASNSAR	27759	27428
>NUMA1-E1: AETASNSARA	230	>NUMA1-E1: AKTASNSARA	15162	14932
>NUMA1-E1: AETASNSARA	5	>NUMA1-E1: AKTASNSARA	2669	2664
>NUMA1-E1: QAETASNSA	7388	>NUMA1-E1: QAKTASNSA	36	7352
>NUMA1-E1: QAETASNSAF	13085	>NUMA1-E1: QAKTASNSAF	487	12598
>NUMA1-E1: QAETASNSAF	9779	>NUMA1-E1: QAKTASNSAF	106	9673
>NUMA1-E1: QAETASNSAF	1751	>NUMA1-E1: QAKTASNSAF	210	1541
>NUMA1-E1: QAETASNSAF	223	>NUMA1-E1: QAKTASNSAF	76	147

>NUMA1-E1:LQAETASNSA	338	>NUMA1-E1:LQAKTASNSA	1343	1005
>NUMA1-E1:LQAETASNSA	435	>NUMA1-E1:LQAKTASNSA	264	171
>NUMA1-E1:LQAETASNSA	320	>NUMA1-E1:LQAKTASNSA	427	107
>NUMA1-E1:LQAETASNSA	178	>NUMA1-E1:LQAKTASNSA	161	17
>NUMA1-E1:LQAETASNS	943	>NUMA1-E1:LQAKTASNS	481	462
>NUMA1-E1:LQAETASNSA	120	>NUMA1-E1:LQAKTASNSA	80	40
>NUMA1-E1:LQAETASNSA	46	>NUMA1-E1:LQAKTASNSA	28	18
>NUMA1-E1:LLQAETASNS	321	>NUMA1-E1:LLQAKTASNS	377	56
>NUMA1-E1:LLQAETASNS	26	>NUMA1-E1:LLQAKTASNS	41	15
>NUMA1-E1:LLQAETASNS	23	>NUMA1-E1:LLQAKTASNS	17	6
>NUMA1-E1:LLQAETASNS	340	>NUMA1-E1:LLQAKTASNS	320	20
>NUMA1-E1:LLQAETASNS	61	>NUMA1-E1:LLQAKTASNS	68	7
>NUMA1-E1:LLQAETASNS	11	>NUMA1-E1:LLQAKTASNS	12	1
>NUMA1-E1:LLQAETASNS	411	>NUMA1-E1:LLQAKTASNS	451	40
>NUMA1-E1:RLLQAETA	236	>NUMA1-E1:RLLQAKTA	1431	1195
>NUMA1-E1:RLLQAETA	17	>NUMA1-E1:RLLQAKTA	43	26
>NUMA1-E1:RLLQAETA	92	>NUMA1-E1:RLLQAKTA	349	257
>NUMA1-E1:RLLQAETA	30	>NUMA1-E1:RLLQAKTA	99	69
>NUMA1-E1:RLLQAETA	285	>NUMA1-E1:RLLQAKTA	1866	1581
>NUMA1-E1:RLLQAETA	27	>NUMA1-E1:RLLQAKTA	43	16
>NUMA1-E1:RLRLLQAETA	313	>NUMA1-E1:RLRLLQAKTA	969	656
>NUMA1-E1:RLRLLQAE	17247	>NUMA1-E1:RLRLLQAK	54	17193
>NUMA1-E1:RLRLLQAE	1063	>NUMA1-E1:RLRLLQAK	4	1059
>NUMA1-E1:RLRLLQAE	211	>NUMA1-E1:RLRLLQAKT	330	119
>NUMA1-E1:RLRLLQAETA	47	>NUMA1-E1:RLRLLQAKTA	15	32
>NUMA1-E1:RLRLLQAETA	386	>NUMA1-E1:RLRLLQAKTA	274	112
>NUMA1-E1:RLRLLQAE	8516	>NUMA1-E1:RLRLLQAK	92	8424
>NUMA1-E1:ERLRLQAE	9331	>NUMA1-E1:ERLRLQAK	167	9164
>NUMA1-E1:EERLRLQAE	260	>NUMA1-E1:EERLRLQAK	583	323
>NUMA1-R6:ERVAQEKDQ	12633	>NUMA1-R6:ESVAQEKDQI	198	12435
>NUMA1-R6:KERVAQEK	51	>NUMA1-R6:KESVAQEK	5620	5569
>NUMA1-R6:KERVAQEKC	1012	>NUMA1-R6:KESVAQEKC	58	954
>NUMA1-R6:KERVAQEKC	106	>NUMA1-R6:KESVAQEKC	251	145
>NUMA1-R6:KERVAQEKC	28	>NUMA1-R6:KESVAQEKC	54	26
>NUMA1-R6:ATEKERVAQE	267	>NUMA1-R6:ATEKESVAQE	242	25
>NUMA1-R6:ATEKERVAQE	397	>NUMA1-R6:ATEKESVAQE	544	147
>NUMA1-R6:KATEKERV	1799	>NUMA1-R6:KATEKESV	483	1316
>NUMA1-R6:KATEKERV	593	>NUMA1-R6:KATEKESV	342	251
>NUMA1-R6:QKATEKERV	2945	>NUMA1-R6:QKATEKESV	412	2533
>NUMA1-R6:QQKATEKER	493	>NUMA1-R6:QQKATEKES	2509	2016
>NUMA1-R6:QQKATEKER\	739	>NUMA1-R6:QQKATEKES\	140	599
>NUMA1-R6:QQKATEKER\	1143	>NUMA1-R6:QQKATEKES\	458	685
>NUP214-A1 ATTTSVAPPA	133	>NUP214-A1 VTTTTSVAPPA	1302	1169

>NUP214-A1 ATTTSVAPPA	155	>NUP214-A1 VTTTSVAPPA	1600	1445
>NUP214-A1 ATTTSVAPPA	344	>NUP214-A1 VTTTSVAPPA	487	143
>NUP214-A1 SATTTSVAPP,	1062	>NUP214-A1 SVTTTSVAPP,	210	852
>NUP214-A1 SATTTSVAPP,	1027	>NUP214-A1 SVTTTSVAPP,	286	741
>NUP214-A1 SATTTSVAPP,	1605	>NUP214-A1 SVTTTSVAPP,	344	1261
>NUP214-A1 SSATTTTSV	369	>NUP214-A1 SSVTTTSV	1700	1331
>NUP214-A1 SSATTTTSV	418	>NUP214-A1 SSVTTTSV	919	501
>NUP214-A1 SSATTTTSV	518	>NUP214-A1 SSVTTTSV	311	207
>NUP214-A1 SSATTTTSV	31	>NUP214-A1 SSVTTTSV	92	61
>NUP214-A1 SSATTTTSV	218	>NUP214-A1 SSVTTTSV	392	174
>NUP214-A1 SSATTTTSV	584	>NUP214-A1 SSVTTTSV	470	114
>NUP214-A1 SSATTTTSVA	131	>NUP214-A1 SSVTTTSVA	175	44
>NUP214-A1 SSATTTTSV	273	>NUP214-A1 SSVTTTSV	1108	835
>NUP214-A1 TSSATTTTSV	399	>NUP214-A1 TSSVTTTSV	2310	1911
>NUP214-A1 TSSATTTTSV	457	>NUP214-A1 TSSVTTTSV	1901	1444
>NUP214-A1 TSSATTTTSV	17	>NUP214-A1 TSSVTTTSV	58	41
>NUP214-A1 TSSATTTTSVA	293	>NUP214-A1 TSSVTTTSVA	2067	1774
>NUP214-A1 TSSATTTTSV	180	>NUP214-A1 TSSVTTTSV	564	384
>NUP214-A1 VTSSATTTTSV	102	>NUP214-A1 VTSSVTTTSV	119	17
>NUP214-A1 VTSSATTTTSV	43	>NUP214-A1 VTSSVTTTSV	46	3
>NUP214-A1 VTSSATTTTSV,	563	>NUP214-A1 VTSSVTTTSV,	478	85
>NUP214-A1 VTSSATTTTSV	483	>NUP214-A1 VTSSVTTTSV	425	58
>NUP214-A1 VTSSATTTTSV	304	>NUP214-A1 VTSSVTTTSV	101	203
>NUP214-A1 VTSSATTTTSV	285	>NUP214-A1 VTSSVTTTSV	168	117
>NUP214-A1 VTSSATTTTSV	31	>NUP214-A1 VTSSVTTTSV	49	18
>NUP214-A1 VTSSATTTTSV	903	>NUP214-A1 VTSSVTTTSV	458	445
>NUP214-A1 VTSSATTTTSV	33	>NUP214-A1 VTSSVTTTSV	45	12
>NUP214-A1 VTSSATTTTSV,	989	>NUP214-A1 VTSSVTTTSV,	452	537
>NUP214-A1 VTSSATTTTSV	197	>NUP214-A1 VTSSVTTTSV	288	91
>NUP214-A1 VTSSATTTTSV	294	>NUP214-A1 VTSSVTTTSV	795	501
>NUP214-A1 VTSSATTTTSV	135	>NUP214-A1 VTSSVTTTSV	267	132
>NUP214-A1 VTSSATTTTS	377	>NUP214-A1 VTSSVTTTS	123	254
>NUP214-A1 VTSSATTTTSV	57	>NUP214-A1 VTSSVTTTSV	75	18
>NUP214-A1 VTSSATTTTSV,	86	>NUP214-A1 VTSSVTTTSV,	43	43
>NUP214-A1 VTSSATTTTSV	393	>NUP214-A1 VTSSVTTTSV	1483	1090
>NUP214-A1 PVTSSATTTTS\	129	>NUP214-A1 PVTSSVTTTS\	97	32
>NUP214-A1 TEPPVTSSA	278	>NUP214-A1 TEPPVTSSV	12	266
>NUP214-A1 TEPPVTSSA	3009	>NUP214-A1 TEPPVTSSV	262	2747
>NUP214-A1 TEPPVTSSA	3945	>NUP214-A1 TEPPVTSSV	118	3827
>NUP214-A1 HTEPPVTSSA	3005	>NUP214-A1 HTEPPVTSSV	485	2520
>NUP214-A1 HTEPPVTSSA	10751	>NUP214-A1 HTEPPVTSSV	320	10431
>NUP214-A1 HTEPPVTSSA	3203	>NUP214-A1 HTEPPVTSSV	243	2960
>NUP214-A1 HTEPPVTSSA	2293	>NUP214-A1 HTEPPVTSSV	59	2234

>NUP214-A1 HTEPPVTSSA	1904	>NUP214-A1 HTEPPVTSSV	147	1757
>NUP214-A1 HTEPPVTSSA	1018	>NUP214-A1 HTEPPVTSSV	296	722
>NUP214-G4 GERQPKSPG	726	>NUP214-G4 AERQPKSPG	466	260
>NUP214-G4 GERQPKSPG	2075	>NUP214-G4 AERQPKSPG	184	1891
>NUP214-G4 GERQPKSPG	304	>NUP214-G4 AERQPKSPG	303	1
>NUP214-G4 LSLEGERQPK	187	>NUP214-G4 LSLEAERQPK	121	66
>NUP214-G4 LSLEGERQPK	173	>NUP214-G4 LSLEAERQPK	73	100
>NUP214-G4 RLSLEGERQP	165	>NUP214-G4 RLSLEAERQP	125	40
>NUP214-G4 RLSLEGERQP	227	>NUP214-G4 RLSLEAERQP	183	44
>NUP214-G4 RLSLEGERQP	183	>NUP214-G4 RLSLEAERQP	164	19
>NUP214-G4 RLSLEGER	323	>NUP214-G4 RLSLEAER	129	194
>NUP214-G4 RLSLEGER	453	>NUP214-G4 RLSLEAER	170	283
>NUP214-G4 KTPERLSLEG	14169	>NUP214-G4 KTPERLSLEA	417	13752
>NUP214-G4 KTPERLSLEG	754	>NUP214-G4 KTPERLSLEA	401	353
>NUP214-P1 PVLGKHTEPP	6941	>NUP214-P1 LVLGKHTEPP	170	6771
>NUP214-P1 PVLGKHTEPP	8305	>NUP214-P1 LVLGKHTEPP	494	7811
>NUP214-P1 PVLGKHTEPP	2341	>NUP214-P1 LVLGKHTEPP	25	2316
>NUP214-P1 PVLGKHTEPP	334	>NUP214-P1 LVLGKHTEPP	15	319
>NUP214-P1 PVLGKHTEPP	6514	>NUP214-P1 LVLGKHTEPP	341	6173
>NUP214-P1 PVLGKHTEPP	254	>NUP214-P1 LVLGKHTEPP	31	223
>NUP214-P1 PVLGKHTEPP	931	>NUP214-P1 LVLGKHTEPP	150	781
>NUP214-P1 PVLGKHTEPP	130	>NUP214-P1 LVLGKHTEPP	6	124
>NUP214-P1 PVLGKHTEPP	780	>NUP214-P1 LVLGKHTEPP	80	700
>NUP214-P1 VPSGFNFTAP	11720	>NUP214-P1 VPSGFNFTAP	22	11698
>NUP214-P1 VPSGFNFTAP	1420	>NUP214-P1 VPSGFNFTAP	41	1379
>NUP214-P1 VPSGFNFTAP	17452	>NUP214-P1 VPSGFNFTAP	57	17395
>NUP214-P1 VPSGFNFTAP	8990	>NUP214-P1 VPSGFNFTAP	366	8624
>NUP214-P1 VPSGFNFTAP	21135	>NUP214-P1 VPSGFNFTAP	334	20801
>NUP214-P1 VPSGFNFTAP	18242	>NUP214-P1 VPSGFNFTAP	258	17984
>NUP214-P1 TAPPVLGK	232	>NUP214-P1 TAPLVLGK	350	118
>NUP214-P1 TAPPVLGK	353	>NUP214-P1 TAPLVLGK	377	24
>NUP214-P1 FTAPPVLGK	177	>NUP214-P1 FTAPLVLGK	294	117
>NUP214-P1 FTAPPVLGK	18	>NUP214-P1 FTAPLVLGK	20	2
>NUP214-P1 FTAPPVLGK	17	>NUP214-P1 FTAPLVLGK	11	6
>NUP214-P1 FTAPPVLG	270	>NUP214-P1 FTAPLVLG	305	35
>NUP214-P1 FTAPPVLGKH	240	>NUP214-P1 FTAPLVLGKH	566	326
>NUP214-P1 FTAPPVLG	173	>NUP214-P1 FTAPLVLG	1961	1788
>NUP214-P1 FTAPPVLGK	777	>NUP214-P1 FTAPLVLGK	319	458
>NUP214-P1 NFTAPPVLGK	122	>NUP214-P1 NFTAPLVLGK	163	41
>NUP214-P1 FNFTAPPV	282	>NUP214-P1 FNFTAPLV	1136	854
>NUP214-P1 FNFTAPPVL	59	>NUP214-P1 FNFTAPLVL	332	273
>NUP214-P1 FNFTAPPV	237	>NUP214-P1 FNFTAPLV	486	249
>NUP214-P1 FNFTAPPV	389	>NUP214-P1 FNFTAPLV	712	323

>NUP214-P1.FNFTAPPVLG	327	>NUP214-P1.FNFTAPLVLG	289	38
>NUP214-P1.FNFTAPPV	276	>NUP214-P1.FNFTAPLV	568	292
>NUP214-P1.FNFTAPPV	211	>NUP214-P1.FNFTAPLV	1160	949
>NUP214-P1.FNFTAPPV	253	>NUP214-P1.FNFTAPLV	1142	889
>NUP214-P1.FNFTAPPVL	142	>NUP214-P1.FNFTAPLVL	99	43
>NUP214-P1.FNFTAPPVL	22	>NUP214-P1.FNFTAPLVL	17	5
>NUP214-P1.SGFNFTAPP	327	>NUP214-P1.SGFNFTAPL	12	315
>NUP214-P1.SGFNFTAPPV	717	>NUP214-P1.SGFNFTAPLV	427	290
>NUP214-P1.SGFNFTAPPV	135	>NUP214-P1.SGFNFTAPLV	280	145
>NUP214-P1.SGFNFTAPP	11350	>NUP214-P1.SGFNFTAPL	118	11232
>NUP214-P1.SGFNFTAPPV	129	>NUP214-P1.SGFNFTAPLV	230	101
>NUP214-P1.SGFNFTAPPV	83	>NUP214-P1.SGFNFTAPLV	104	21
>NUP214-P1.SGFNFTAPP	9987	>NUP214-P1.SGFNFTAPL	220	9767
>NUP214-P1.SGFNFTAPP	11067	>NUP214-P1.SGFNFTAPL	114	10953
>NUP214-P1.SGFNFTAPPV	356	>NUP214-P1.SGFNFTAPLV	643	287
>NUP214-P1.SGFNFTAPPV	53	>NUP214-P1.SGFNFTAPLV	262	209
>NUP214-P1.SGFNFTAPP	5720	>NUP214-P1.SGFNFTAPL	367	5353
>NUP214-P1.SGFNFTAPPV	528	>NUP214-P1.SGFNFTAPLV	384	144
>NUP214-P1.SGFNFTAPP	22248	>NUP214-P1.SGFNFTAPL	217	22031
>NUP214-P1.SGFNFTAPPV	504	>NUP214-P1.SGFNFTAPLV	445	59
>NUP214-Q1.QAPAVNTL	159	>NUP214-Q1.EAPAVNTL	24	135
>NUP214-Q1.QAPAVNTLT	1260	>NUP214-Q1.EAPAVNTLT	155	1105
>NUP214-Q1.QAPAVNTLTE	2545	>NUP214-Q1.EAPAVNTLTE	399	2146
>NUP214-Q1.SQAPAVNTL	450	>NUP214-Q1.SEAPAVNTL	886	436
>NUP214-Q1.SQAPAVNTL	2788	>NUP214-Q1.SEAPAVNTL	25	2763
>NUP214-Q1.SQAPAVNTL	22	>NUP214-Q1.SEAPAVNTL	1467	1445
>NUP214-Q1.SQAPAVNTL	46	>NUP214-Q1.SEAPAVNTL	8308	8262
>NUP214-Q1.SQAPAVNT	332	>NUP214-Q1.SEAPAVNT	15265	14933
>NUP214-Q1.SQAPAVNTL	8	>NUP214-Q1.SEAPAVNTL	1583	1575
>NUP214-Q1.SQAPAVNTL	293	>NUP214-Q1.SEAPAVNTL	8341	8048
>NUP214-Q1.SQAPAVNTL	97	>NUP214-Q1.SEAPAVNTL	4273	4176
>NUP214-Q1.SQAPAVNTL	46	>NUP214-Q1.SEAPAVNTL	1807	1761
>NUP214-Q1.SQAPAVNTL	12095	>NUP214-Q1.SEAPAVNTL	267	11828
>NUP214-Q1.SQAPAVNTL	21	>NUP214-Q1.SEAPAVNTL	159	138
>NUP214-Q1.SQAPAVNTL	4514	>NUP214-Q1.SEAPAVNTL	66	4448
>NUP214-Q1.SQAPAVNTL	20864	>NUP214-Q1.SEAPAVNTL	463	20401
>NUP214-Q1.SQAPAVNTLT	16728	>NUP214-Q1.SEAPAVNTLT	333	16395
>NUP214-Q1.SQAPAVNT	15549	>NUP214-Q1.SEAPAVNT	143	15406
>NUP214-Q1.SQAPAVNTLT	8898	>NUP214-Q1.SEAPAVNTLT	167	8731
>NUP214-Q1.SQAPAVNTL	8568	>NUP214-Q1.SEAPAVNTL	127	8441
>NUP214-Q1.ASQAPAVNTI	349	>NUP214-Q1.ASEAPAVNTL	1058	709
>NUP214-Q1.ASQAPAVNTI	16	>NUP214-Q1.ASEAPAVNTL	27	11
>NUP214-Q1.ASQAPAVNTI	205	>NUP214-Q1.ASEAPAVNTL	125	80

>NUP214-Q1 MASQAPAV	1978	>NUP214-Q1 MASEAPAV	304	1674
>NUP214-Q1 MASQAPAV	400	>NUP214-Q1 MASEAPAV	120	280
>NUP214-Q1 MASQAPAV\	141	>NUP214-Q1 MASEAPAVN	42	99
>NUP214-Q1 MASQAPAV	249	>NUP214-Q1 MASEAPAV	65	184
>NUP214-Q1 MASQAPAV\	754	>NUP214-Q1 MASEAPAVN	159	595
>NUP214-Q1 MASQAPAV	139	>NUP214-Q1 MASEAPAV	39	100
>NUP214-Q1 MASQAPAV\	1152	>NUP214-Q1 MASEAPAVN	203	949
>NUP214-Q1 MASQAPAV	260	>NUP214-Q1 MASEAPAV	54	206
>NUP214-Q1 MASQAPAV	1520	>NUP214-Q1 MASEAPAV	415	1105
>NUP214-Q1 MASQAPAV	1766	>NUP214-Q1 MASEAPAV	293	1473
>NUP214-Q1 MASQAPAV	72	>NUP214-Q1 MASEAPAV	32	40
>NUP214-Q1 MASQAPAV	81	>NUP214-Q1 MASEAPAV	40	41
>NUP214-Q1 MASQAPAV\	1243	>NUP214-Q1 MASEAPAVN	407	836
>NUP214-Q1 MASQAPAV\	100	>NUP214-Q1 MASEAPAVN	27	73
>NUP214-Q1 MASQAPAV	45	>NUP214-Q1 MASEAPAV	15	30
>NUP214-Q1 MASQAPAV\	1521	>NUP214-Q1 MASEAPAVN	318	1203
>NUP214-Q1 MASQAPAV\	453	>NUP214-Q1 MASEAPAVN	421	32
>NUP214-Q1 MASQAPAV\	31	>NUP214-Q1 MASEAPAVN	37	6
>NUP214-Q1 MASQAPAV	119	>NUP214-Q1 MASEAPAV	99	20
>NUP214-Q1 MASQAPAV\	31	>NUP214-Q1 MASEAPAVN	24	7
>NUP214-Q1 MASQAPAV\	155	>NUP214-Q1 MASEAPAVN	117	38
>NUP214-Q1 MASQAPAV\	201	>NUP214-Q1 MASEAPAVN	257	56
>NUP214-Q1 MASQAPAV\	536	>NUP214-Q1 MASEAPAVN	481	55
>NUP214-Q1 QMASQAPA	465	>NUP214-Q1 QMASEAPA	554	89
>NUP214-Q1 QMASQAPA\	75	>NUP214-Q1 QMASEAPAV	59	16
>NUP214-Q1 QMASQAPA	51	>NUP214-Q1 QMASEAPA	55	4
>NUP214-Q1 QMASQAPA\	29	>NUP214-Q1 QMASEAPAV	23	6
>NUP214-Q1 QMASQAPA	21	>NUP214-Q1 QMASEAPA	36	15
>NUP214-Q1 QMASQAPA\	17	>NUP214-Q1 QMASEAPAV	18	1
>NUP214-Q1 QMASQAPA	247	>NUP214-Q1 QMASEAPA	295	48
>NUP214-Q1 QMASQAPA\	33	>NUP214-Q1 QMASEAPAV	31	2
>NUP214-Q1 QMASQAPA	356	>NUP214-Q1 QMASEAPA	455	99
>NUP214-Q1 QMASQAPA\	8	>NUP214-Q1 QMASEAPAV	9	1
>NUP214-Q1 QMASQAPA\	25	>NUP214-Q1 QMASEAPAV	28	3
>NUP214-Q1 QMASQAPA\	9	>NUP214-Q1 QMASEAPAV	11	2
>NUP214-Q1 QMASQAPA\	7	>NUP214-Q1 QMASEAPAV	5	2
>NUP214-Q1 QMASQAPA	75	>NUP214-Q1 QMASEAPA	130	55
>NUP214-Q1 QMASQAPA\	5	>NUP214-Q1 QMASEAPAV	5	0
>NUP214-Q1 QMASQAPA\	20	>NUP214-Q1 QMASEAPAV	29	9
>NUP214-Q1 QMASQAPA\	136	>NUP214-Q1 QMASEAPAV	133	3
>NUP214-Q1 RQMASQAPA	108	>NUP214-Q1 RQMASEAPA	222	114
>NUP214-Q1 RQMASQAPA	189	>NUP214-Q1 RQMASEAPA	142	47
>NUP214-Q1 RQMASQAPA	201	>NUP214-Q1 RQMASEAPA	600	399

>NUP214-Q1 RQMASQAP#	141	>NUP214-Q1 RQMASEAPA	95	46
>NUP214-Q1 RQMASQAP#	31	>NUP214-Q1 RQMASEAPA	102	71
>NUP214-Q1 RQMASQAP#	97	>NUP214-Q1 RQMASEAPA	76	21
>NUP214-Q1 RQMASQAP#	7	>NUP214-Q1 RQMASEAPA	10	3
>NUP214-Q1 RQMASQAP#	134	>NUP214-Q1 RQMASEAPA	76	58
>NUP214-Q1 RQMASQAP#	53	>NUP214-Q1 RQMASEAPA	70	17
>NUP214-Q1 RQMASQAP#	28	>NUP214-Q1 RQMASEAPA	38	10
>NUP214-Q1 RQMASQAP#	353	>NUP214-Q1 RQMASEAPA	441	88
>NUP214-Q1 RQMASQAP#	193	>NUP214-Q1 RQMASEAPA	381	188
>NUP214-Q1 RQMASQAP#	53	>NUP214-Q1 RQMASEAPA	308	255
>NUP214-Q1 RQMASQAP#	257	>NUP214-Q1 RQMASEAPA	990	733
>NUP214-Q1 RQMASQAP	225	>NUP214-Q1 RQMASEAP	333	108
>NUP214-Q1 RQMASQAP#	55	>NUP214-Q1 RQMASEAPA	71	16
>NUP214-Q1 RQMASQAP#	76	>NUP214-Q1 RQMASEAPA	97	21
>NUP214-Q1 RQMASQAP#	351	>NUP214-Q1 RQMASEAPA	556	205
>NUP214-Q1 RQMASQAP	43	>NUP214-Q1 RQMASEAP	96	53
>NUP214-Q1 RQMASQAP#	15	>NUP214-Q1 RQMASEAPA	17	2
>NUP214-Q1 RQMASQAP#	6	>NUP214-Q1 RQMASEAPA	6	0
>NUP214-Q1 RQMASQAP#	294	>NUP214-Q1 RQMASEAPA	360	66
>NUP214-Q1 RQMASQAP#	207	>NUP214-Q1 RQMASEAPA	685	478
>NUP214-Q1 RQMASQAP#	42	>NUP214-Q1 RQMASEAPA	52	10
>NUP214-Q1 RQMASQAP#	245	>NUP214-Q1 RQMASEAPA	425	180
>NUP214-Q1 RQMASQAP#	172	>NUP214-Q1 RQMASEAPA	200	28
>NUP214-Q1 RQMASQAP#	72	>NUP214-Q1 RQMASEAPA	84	12
>NUP214-Q1 RRQMASQAF	406	>NUP214-Q1 RRQMASEAP	744	338
>NUP214-Q1 RRQMASQAF	112	>NUP214-Q1 RRQMASEAP	163	51
>NUP214-Q1 RRQMASQA	158	>NUP214-Q1 RRQMASEA	244	86
>NUP214-Q1 RRQMASQAF	76	>NUP214-Q1 RRQMASEAP	88	12
>NUP214-Q1 RRQMASQAF	100	>NUP214-Q1 RRQMASEAP	134	34
>NUP214-Q1 RRQMASQA	82	>NUP214-Q1 RRQMASEA	119	37
>NUP214-Q1 RRQMASQAF	89	>NUP214-Q1 RRQMASEAP	73	16
>NUP214-Q1 RRQMASQAF	65	>NUP214-Q1 RRQMASEAP	85	20
>NUP214-Q1 RRQMASQA	388	>NUP214-Q1 RRQMASEA	656	268
>NUP214-Q1 RRQMASQAF	111	>NUP214-Q1 RRQMASEAP	115	4
>NUP214-Q1 RRQMASQAF	117	>NUP214-Q1 RRQMASEAP	175	58
>NUP214-Q1 ALRRQMASQ	156	>NUP214-Q1 ALRRQMASE	8333	8177
>NUP214-Q1 ALRRQMASQ	14	>NUP214-Q1 ALRRQMASE	14	0
>NUP214-Q1 ALRRQMASQ	38	>NUP214-Q1 ALRRQMASE	390	352
>NUP214-Q1 ALRRQMASQ	28	>NUP214-Q1 ALRRQMASE	28	0
>NUP214-Q1 ALRRQMASQ	127	>NUP214-Q1 ALRRQMASE	753	626
>NUP98-G16 GFLEDLAPPEI	309	>NUP98-G16 VFLEDLAPPEI	241	68
>NUP98-G16 GFLEDLAPPEI	1849	>NUP98-G16 VFLEDLAPPEI	404	1445
>NUP98-G16 IINENYDYLKV	22786	>NUP98-G16 IINENYDYLKV	376	22410

>NUP98-G16 IINENYDYLKC	14393	>NUP98-G16 IINENYDYLKV	98	14295
>NUP98-G16 IINENYDYLKC	14120	>NUP98-G16 IINENYDYLKV	16	14104
>NUP98-G16 IINENYDYLKC	19246	>NUP98-G16 IINENYDYLKV	116	19130
>NUP98-G16 IINENYDYLKC	9353	>NUP98-G16 IINENYDYLKV	14	9339
>NUP98-G16 IINENYDYLKC	20744	>NUP98-G16 IINENYDYLKV	148	20596
>NUP98-G16 IINENYDYLKC	20918	>NUP98-G16 IINENYDYLKV	68	20850
>NUP98-G16 IINENYDYLKC	22951	>NUP98-G16 IINENYDYLKV	40	22911
>NUP98-G16 IINENYDYLKC	25174	>NUP98-G16 IINENYDYLKV	8	25166
>NUP98-G16 IINENYDYLKC	20376	>NUP98-G16 IINENYDYLKV	463	19913
>NUP98-G16 LKGFLEDL	2110	>NUP98-G16 LKVLEDL	372	1738
>NUP98-G16 YLKGLEDL	128	>NUP98-G16 YLKVLEDL	415	287
>NUP98-G16 YLKGLEDLA	224	>NUP98-G16 YLKVLEDLA	536	312
>NUP98-G16 YLKGLEDL	10	>NUP98-G16 YLKVLEDL	29	19
>NUP98-G16 YLKGLEDLA	18	>NUP98-G16 YLKVLEDLA	45	27
>NUP98-G16 YLKGLEDL	7	>NUP98-G16 YLKVLEDL	18	11
>NUP98-G16 YLKGLEDLA	59	>NUP98-G16 YLKVLEDLA	140	81
>NUP98-G16 YLKGLEDL	201	>NUP98-G16 YLKVLEDL	359	158
>NUP98-G16 YLKGLEDLA	456	>NUP98-G16 YLKVLEDLA	900	444
>NUP98-G16 YLKGLEDL	21	>NUP98-G16 YLKVLEDL	156	135
>NUP98-G16 YLKGLEDLA	129	>NUP98-G16 YLKVLEDLA	680	551
>NUP98-G16 YLKGLEDL	112	>NUP98-G16 YLKVLEDL	143	31
>NUP98-G16 YLKGLEDL	317	>NUP98-G16 YLKVLEDL	1231	914
>NUP98-G16 YLKGLEDL	411	>NUP98-G16 YLKVLEDL	1926	1515
>NUP98-G16 YLKGLEDL	3	>NUP98-G16 YLKVLEDL	6	3
>NUP98-G16 YLKGLEDLA	10	>NUP98-G16 YLKVLEDLA	38	28
>NUP98-G16 YLKGLEDL	1021	>NUP98-G16 YLKVLEDL	259	762
>NUP98-G16 DYLKGLEDL	1224	>NUP98-G16 DYLKVLEDL	250	974
>NUP98-G16 DYLKGLEDL	43	>NUP98-G16 DYLKVLEDL	35	8
>NUP98-G16 YDYLGKFL	58	>NUP98-G16 YDYLVFL	152	94
>NUP98-G16 YDYLGKFLED	671	>NUP98-G16 YDYLVFLEDI	290	381
>NUP98-G16 YDYLGKFL	651	>NUP98-G16 YDYLVFL	298	353
>NUP98-G16 YDYLGKFLED	622	>NUP98-G16 YDYLVFLEDI	452	170
>NUP98-G16 YDYLGKFL	232	>NUP98-G16 YDYLVFL	66	166
>NUP98-G16 YDYLGKFLED	102	>NUP98-G16 YDYLVFLEDI	32	70
>NUP98-G16 YDYLGKFLED	513	>NUP98-G16 YDYLVFLEDI	130	383
>NUP98-G16 YDYLGKFL	402	>NUP98-G16 YDYLVFL	529	127
>NUP98-G16 NYDYLGKFL	1705	>NUP98-G16 NYDYLVFL	398	1307
>NUP98-G16 NYDYLGKFL	83	>NUP98-G16 NYDYLVFL	41	42
>NUP98-G16 NYDYLGKFL	321	>NUP98-G16 NYDYLVFL	155	166
>NUP98-G16 NYDYLGKFL	371	>NUP98-G16 NYDYLVFL	516	145
>NUP98-G16 ENYDYLGKFL	461	>NUP98-G16 ENYDYLVFL	749	288
>NUP98-G16 ENYDYLGKFL	380	>NUP98-G16 ENYDYLVFL	613	233
>NUP98-G16 ENYDYLGKFL	227	>NUP98-G16 ENYDYLVFL	441	214



>NUP98-G16 ENYDYLKGF	257	>NUP98-G16 ENYDYLKVF	294	37
>NUP98-G16 ENYDYLKG	15926	>NUP98-G16 ENYDYLKV	145	15781
>NUP98-G16 ENYDYLKGF	685	>NUP98-G16 ENYDYLKVF	222	463
>NUP98-G16 NENYDYLKG	18069	>NUP98-G16 NENYDYLKV	196	17873
>NUP98-G16 NENYDYLKGF	191	>NUP98-G16 NENYDYLKVF	256	65
>NUP98-G16 NENYDYLKGF	23	>NUP98-G16 NENYDYLKVF	28	5
>NUP98-G16 NENYDYLKGF	904	>NUP98-G16 NENYDYLKVF	319	585
>NUP98-G16 NENYDYLKGF	737	>NUP98-G16 NENYDYLKVF	330	407
>NUP98-G16 NENYDYLKGF	149	>NUP98-G16 NENYDYLKVF	72	77
>NUP98-G16 NENYDYLKGF	327	>NUP98-G16 NENYDYLKVF	521	194
>NUP98-G16 NENYDYLKGF	570	>NUP98-G16 NENYDYLKVF	300	270
>NUP98-G16 NENYDYLKG	3767	>NUP98-G16 NENYDYLKV	185	3582
>NUP98-G16 NENYDYLKGF	164	>NUP98-G16 NENYDYLKVF	318	154
>NUP98-G41 GTGLGAGF	7949	>NUP98-G41 ETGLGAGF	41	7908
>NUP98-G41 GTGLGAGF	7672	>NUP98-G41 ETGLGAGF	55	7617
>NUP98-G41 GTGLGAGFG	14914	>NUP98-G41 ETGLGAGFG	379	14535
>NUP98-G41 GTGLGAGF	15	>NUP98-G41 ETGLGAGF	33	18
>NUP98-G41 LGTGLGAGF	474	>NUP98-G41 LETGLGAGF	11972	11498
>NUP98-G41 LGTGLGAGF	16530	>NUP98-G41 LETGLGAGF	19	16511
>NUP98-G41 LGTGLGAGF	23920	>NUP98-G41 LETGLGAGF	46	23874
>NUP98-G41 LGTGLGAGF	33695	>NUP98-G41 LETGLGAGF	89	33606
>NUP98-G41 LGTGLGAGF	383	>NUP98-G41 LETGLGAGF	2542	2159
>NUP98-G41 TLGTGLGA	219	>NUP98-G41 TLETGLGA	834	615
>NUP98-G41 TLGTGLGA	68	>NUP98-G41 TLETGLGA	208	140
>NUP98-G41 TLGTGLGAGF	280	>NUP98-G41 TLETGLGAGF	2622	2342
>NUP98-G41 TLGTGLGAGF	256	>NUP98-G41 TLETGLGAGF	209	47
>NUP98-G41 GTLTGTGLGA	1068	>NUP98-G41 GTLETGLGA	271	797
>NUP98-G41 GTLTGTGLGA	982	>NUP98-G41 GTLETGLGA	278	704
>NUP98-G41 GTLTGTGLGAC	518	>NUP98-G41 GTLETGLGAC	413	105
>NUP98-G41 GTLTGTGLGAC	258	>NUP98-G41 GTLETGLGAC	615	357
>NUP98-G41 GTLTGTGLGAC	4	>NUP98-G41 GTLETGLGAC	4	0
>NUP98-G41 GTLTGTGLGAC	11	>NUP98-G41 GTLETGLGAC	26	15
>NUP98-G41 APGTLGTGL	77	>NUP98-G41 APGTLETGL	971	894
>NUP98-G41 PAPGTLGTGL	250	>NUP98-G41 PAPGTLETGL	717	467
>NUP98-G41 KPAPGTLTGT	110	>NUP98-G41 KPAPGTLET	59	51
>NUP98-G41 KPAPGTLTGT	12	>NUP98-G41 KPAPGTLETG	21	9
>NUP98-G41 LGAGFGTAL	243	>NUP98-G41 LDAGFGTAL	1307	1064
>NUP98-G41 GLGAGFGTAL	35	>NUP98-G41 GLDAGFGTAL	44	9
>NUP98-G41 GLGAGFGTA	66	>NUP98-G41 GLDAGFGTA	143	77
>NUP98-G41 GLGAGFGTAL	259	>NUP98-G41 GLDAGFGTAL	433	174
>NUP98-G41 GLGAGFGT	2086	>NUP98-G41 GLDAGFGT	330	1756
>NUP98-G41 GLGAGFGTA	1288	>NUP98-G41 GLDAGFGTA	192	1096
>NUP98-G41 GLGAGFGT	312	>NUP98-G41 GLDAGFGT	103	209

>NUP98-G41 GLGAGFGTA	119	>NUP98-G41 GLDAGFGTA	39	80
>NUP98-G41 GLGAGFGTAI	24	>NUP98-G41 GLDAGFGTAI	11	13
>NUP98-G41 GLGAGFGT	777	>NUP98-G41 GLDAGFGT	335	442
>NUP98-G41 GLGAGFGTA	220	>NUP98-G41 GLDAGFGTA	75	145
>NUP98-G41 GLGAGFGTAI	34	>NUP98-G41 GLDAGFGTAI	15	19
>NUP98-G41 GLGAGFGT	364	>NUP98-G41 GLDAGFGT	126	238
>NUP98-G41 GLGAGFGTA	138	>NUP98-G41 GLDAGFGTA	52	86
>NUP98-G41 GLGAGFGTAI	55	>NUP98-G41 GLDAGFGTAI	23	32
>NUP98-G41 GLGAGFGT	122	>NUP98-G41 GLDAGFGT	182	60
>NUP98-G41 GLGAGFGTA	26	>NUP98-G41 GLDAGFGTA	41	15
>NUP98-G41 GLGAGFGTAI	7	>NUP98-G41 GLDAGFGTAI	10	3
>NUP98-G41 GTGLGAGF	15	>NUP98-G41 GTGLDAGF	48	33
>NUP98-G41 LGTGLGAGF	474	>NUP98-G41 LGTGLDAGF	729	255
>NUP98-G41 LGTGLGAGF	1188	>NUP98-G41 LGTGLDAGF	229	959
>NUP98-G41 LGTGLGAGF	383	>NUP98-G41 LGTGLDAGF	1840	1457
>NUP98-G41 TLGTGLGA	219	>NUP98-G41 TLGTGLDA	915	696
>NUP98-G41 TLGTGLGA	68	>NUP98-G41 TLGTGLDA	193	125
>NUP98-G41 TLGTGLGAGF	280	>NUP98-G41 TLGTGLDAGF	526	246
>NUP98-G41 TLGTGLGAGF	256	>NUP98-G41 TLGTGLDAGF	545	289
>NUP98-G41 GTLGTGLGAC	258	>NUP98-G41 GTLGTGLDAC	233	25
>NUP98-G41 GTLGTGLGAC	4	>NUP98-G41 GTLGTGLDAC	4	0
>NUP98-G41 GTLGTGLGAC	11	>NUP98-G41 GTLGTGLDAC	21	10
>NUP98-R53 RPATRVRPK	65	>NUP98-R53 HPATRVRPK	236	171
>NUP98-R53 RPATRVRPKA	86	>NUP98-R53 HPATRVRPKA	681	595
>NUP98-R53 RPATRVRPKA	7	>NUP98-R53 HPATRVRPKA	9	2
>NUP98-R53 RPATRVRPKA	39	>NUP98-R53 HPATRVRPKA	40	1
>NUP98-R53 RPATRVRPKA	2284	>NUP98-R53 HPATRVRPKA	177	2107
>NUP98-R53 RPATRVRPKA	413	>NUP98-R53 HPATRVRPKA	32	381
>NUP98-R53 RPATRVRPKA	1449	>NUP98-R53 HPATRVRPKA	126	1323
>NUP98-R53 RPATRVRPKA	940	>NUP98-R53 HPATRVRPKA	366	574
>NUP98-R53 TTPTHYKLTPI	47	>NUP98-R53 TTPTHYKLTPI	8533	8486
>NUP98-R53 TTPTHYKLTPI	55	>NUP98-R53 TTPTHYKLTPI	12323	12268
>NUP98-R53 TTPTHYKLTPI	323	>NUP98-R53 TTPTHYKLTPI	172	151
>NUP98-R53 TTPTHYKLTPI	307	>NUP98-R53 TTPTHYKLTPI	30122	29815
>NUP98-R53 TPRPATRV	3936	>NUP98-R53 TPHPATRV	67	3869
>NUP98-R53 TPRPATRV	38	>NUP98-R53 TPHPATRV	296	258
>NUP98-R53 TPRPATRV	381	>NUP98-R53 TPHPATRV	6177	5796
>NUP98-R53 TPRPATRV	207	>NUP98-R53 TPHPATRV	3536	3329
>NUP98-R53 LTPRPATRV	471	>NUP98-R53 LTPHPATRV	573	102
>NUP98-R53 LTPRPATRV	119	>NUP98-R53 LTPHPATRV	329	210
>NUP98-R53 LTPRPATR	396	>NUP98-R53 LTPHPATR	588	192
>NUP98-R53 LTPRPATR	181	>NUP98-R53 LTPHPATR	171	10
>NUP98-R53 LTPRPATRV	529	>NUP98-R53 LTPHPATRV	330	199

>NUP98-R53.LTPRPATRV	42	>NUP98-R53.LTPHPATRV	22	20
>NUP98-R53.LTPRPATRV	9	>NUP98-R53.LTPHPATRV	9	0
>NUP98-R53.LTPRPATRV	254	>NUP98-R53.LTPHPATRV	239	15
>NUP98-R53.LTPRPATRV	439	>NUP98-R53.LTPHPATRV	410	29
>NUP98-R53.KLTPRPATRV	223	>NUP98-R53.KLTPHPATRV	135	88
>NUP98-R53.KLTPRPAT	1421	>NUP98-R53.KLTPHPAT	497	924
>NUP98-R53.KLTPRPATRV	181	>NUP98-R53.KLTPHPATRV	115	66
>NUP98-R53.KLTPRPAT	1280	>NUP98-R53.KLTPHPAT	291	989
>NUP98-R53.KLTPRPATRV	6	>NUP98-R53.KLTPHPATRV	5	1
>NUP98-R53.KLTPRPATRV	28	>NUP98-R53.KLTPHPATRV	20	8
>NUP98-R53.KLTPRPATRV	12	>NUP98-R53.KLTPHPATRV	13	1
>NUP98-R53.KLTPRPATRV	70	>NUP98-R53.KLTPHPATRV	61	9
>NUP98-R53.KLTPRPAT	102	>NUP98-R53.KLTPHPAT	95	7
>NUP98-R53.KLTPRPATRV	2	>NUP98-R53.KLTPHPATRV	2	0
>NUP98-R53.KLTPRPATR	197	>NUP98-R53.KLTPHPATR	172	25
>NUP98-R53.KLTPRPATRV	467	>NUP98-R53.KLTPHPATRV	410	57
>NUP98-R53.KLTPRPATR	12	>NUP98-R53.KLTPHPATR	12	0
>NUP98-R53.KLTPRPATRV	44	>NUP98-R53.KLTPHPATRV	44	0
>NUP98-R53.KLTPRPATR	44	>NUP98-R53.KLTPHPATR	39	5
>NUP98-R53.KLTPRPATRV	60	>NUP98-R53.KLTPHPATRV	56	4
>NUP98-R53.YKLTPRPATR'	563	>NUP98-R53.YKLTPHPATR'	174	389
>NUP98-R53.YKLTPRPA	71	>NUP98-R53.YKLTPHPA	60	11
>NUP98-R53.YKLTPRPAT	159	>NUP98-R53.YKLTPHPAT	130	29
>NUP98-R53.YKLTPRPATR	67	>NUP98-R53.YKLTPHPATR	46	21
>NUP98-R53.YKLTPRPATR'	34	>NUP98-R53.YKLTPHPATR'	30	4
>NUP98-R53.HYKLTPRP	451	>NUP98-R53.HYKLTPHP	150	301
>NUP98-R53.HYKLTPRPA	7	>NUP98-R53.HYKLTPHPA	7	0
>NUP98-R53.HYKLTPRPAT	61	>NUP98-R53.HYKLTPHPAT	49	12
>NUP98-R53.HYKLTPRPAT	21	>NUP98-R53.HYKLTPHPAT	21	0
>NUP98-R53.HYKLTPRPAT	14	>NUP98-R53.HYKLTPHPAT	10	4
>NUP98-R53.HYKLTPRPAT	16	>NUP98-R53.HYKLTPHPAT	15	1
>NUP98-R53.HYKLTPRPAT	24	>NUP98-R53.HYKLTPHPAT	18	6
>NUP98-R53.THYKLTPR	453	>NUP98-R53.THYKLTPH	23034	22581
>NUP98-R53.THYKLTPR	93	>NUP98-R53.THYKLTPH	20232	20139
>NUP98-R53.PTHYKLTPRP,	343	>NUP98-R53.PTHYKLTPHP	317	26
>NUP98-R53.PTHYKLTPR	75	>NUP98-R53.PTHYKLTPH	10964	10889
>NUP98-R53.PTHYKLTPR	295	>NUP98-R53.PTHYKLTPH	25953	25658
>NUP98-Y49:YSPFGDSPL	161	>NUP98-Y49:FSPFGDSPL	325	164
>NUP98-Y49:YSPFGDSPLFI	23	>NUP98-Y49:FSPFGDSPLFI	29	6
>NUP98-Y49:YSPFGDSPL	91	>NUP98-Y49:FSPFGDSPL	45	46
>NUP98-Y49:YSPFGDSPLF	469	>NUP98-Y49:FSPFGDSPLF	858	389
>NUP98-Y49:YSPFGDSPL	63	>NUP98-Y49:FSPFGDSPL	212	149
>NUP98-Y49:YSPFGDSPLF	28	>NUP98-Y49:FSPFGDSPLF	74	46

>NUP98-Y49: YSPFGDSPL	19	>NUP98-Y49: FSPFGDSPL	53	34
>NUP98-Y49: YSPFGDSPLF	6	>NUP98-Y49: FSPFGDSPLF	10	4
>NUP98-Y49: YSPFGDSPLF	32	>NUP98-Y49: FSPFGDSPLF	51	19
>NUP98-Y49: TYSPFGDSPL	31	>NUP98-Y49: TFSPFGDSPL	1497	1466
>NUP98-Y49: TYSPFGDSPLI	116	>NUP98-Y49: TFSPFGDSPLI	232	116
>NUP98-Y49: TYSPFGDSPL	148	>NUP98-Y49: TFSPFGDSPL	3772	3624
>NUP98-Y49: TYSPFGDSPLI	56	>NUP98-Y49: TFSPFGDSPLI	221	165
>NUP98-Y49: TYSPFGDSPL	45	>NUP98-Y49: TFSPFGDSPL	924	879
>NUP98-Y49: TYSPFGDSPLI	7	>NUP98-Y49: TFSPFGDSPLI	23	16
>NUP98-Y49: TYSPFGDSPLI	241	>NUP98-Y49: TFSPFGDSPLI	119	122
>NUP98-Y49: TYSPFGDSP	487	>NUP98-Y49: TFSPFGDSP	522	35
>NUP98-Y49: TYSPFGDSPL	177	>NUP98-Y49: TFSPFGDSPL	239	62
>NUP98-Y49: VLQQHINSLT	19448	>NUP98-Y49: VLQQHINSLT	289	19159
>NUP98-Y49: VLQQHINSLT	69	>NUP98-Y49: VLQQHINSLT	2548	2479
>NUP98-Y49: VLQQHINSLT	88	>NUP98-Y49: VLQQHINSLT	7700	7612
>NUP98-Y49: VLQQHINSLT	2569	>NUP98-Y49: VLQQHINSLT	157	2412
>NUP98-Y49: VLQQHINSLT	110	>NUP98-Y49: VLQQHINSLT	12465	12355
>NUP98-Y49: VLQQHINSLT	45	>NUP98-Y49: VLQQHINSLT	39	6
>NUP98-Y49: VLQQHINSLT	66	>NUP98-Y49: VLQQHINSLT	142	76
>NUP98-Y49: VLQQHINSLT	437	>NUP98-Y49: VLQQHINSLT	96	341
>NUP98-Y49: VLQQHINSLT	287	>NUP98-Y49: VLQQHINSLT	233	54
>NUP98-Y49: LTYSFGDSPI	147	>NUP98-Y49: LTFSPFGDSPI	329	182
>NUP98-Y49: LTYSFGDSPI	754	>NUP98-Y49: LTFSPFGDSPI	370	384
>NUP98-Y49: LTYSFGDSPI	309	>NUP98-Y49: LTFSPFGDSPI	763	454
>NUP98-Y49: LTYSFGDSPI	369	>NUP98-Y49: LTFSPFGDSPI	551	182
>NUP98-Y49: LTYSFGDSPI	377	>NUP98-Y49: LTFSPFGDSPI	2976	2599
>NUP98-Y49: LTYSFGDSPI	44	>NUP98-Y49: LTFSPFGDSPI	16	28
>NUP98-Y49: LTYSFGDSPI	179	>NUP98-Y49: LTFSPFGDSPI	292	113
>NUP98-Y49: LTYSFGDSPI	229	>NUP98-Y49: LTFSPFGDSPI	208	21
>NUP98-Y49: LTYSFGDSPI	155	>NUP98-Y49: LTFSPFGDSPI	110	45
>NUP98-Y49: LTYSFGDSPI	9	>NUP98-Y49: LTFSPFGDSPI	10	1
>NUP98-Y49: LTYSFGDSPI	139	>NUP98-Y49: LTFSPFGDSPI	180	41
>NUP98-Y49: LTYSFGDS	843	>NUP98-Y49: LTFSPFGDS	327	516
>NUP98-Y49: LTYSFGDSPI	13	>NUP98-Y49: LTFSPFGDSPI	7	6
>NUP98-Y49: LTYSFGDSPI	31	>NUP98-Y49: LTFSPFGDSPI	29	2
>NUP98-Y49: NSLTYSPP	14	>NUP98-Y49: NSLTFSPF	13	1
>NUP98-Y49: NSLTYSPP	18	>NUP98-Y49: NSLTFSPF	28	10
>NUP98-Y49: NSLTYSPP	217	>NUP98-Y49: NSLTFSPF	216	1
>NUP98-Y49: INSLTYSPP	170	>NUP98-Y49: INSLTFSPF	299	129
>NUP98-Y49: INSLTYSPP	565	>NUP98-Y49: INSLTFSPF	188	377
>NUP98-Y49: INSLTYSPP	15	>NUP98-Y49: INSLTFSPF	14	1
>NUP98-Y49: INSLTYSPP	160	>NUP98-Y49: INSLTFSPF	80	80
>NUP98-Y49: HINSLTYSPP	132	>NUP98-Y49: HINSLTFSPF	100	32

>NUP98-Y49: HINSLTYSPF	42	>NUP98-Y49: HINSLTFSPF	35	7
>NUP98-Y49: HINSLTYSPF	481	>NUP98-Y49: HINSLTFSPF	476	5
>NUP98-Y49: HINSLTYSPF	36	>NUP98-Y49: HINSLTFSPF	41	5
>NUP98-Y49: HINSLTYSPF	57	>NUP98-Y49: HINSLTFSPF	68	11
>NUP98-Y49: QHINSLTY	21483	>NUP98-Y49: QHINSLTF	240	21243
>NUP98-Y49: QHINSLTY	135	>NUP98-Y49: QHINSLTF	4909	4774
>NUP98-Y49: QHINSLTY	26	>NUP98-Y49: QHINSLTF	9	17
>NUP98-Y49: QHINSLTYSPI	4	>NUP98-Y49: QHINSLTFSPF	4	0
>NUP98-Y49: QQHINSLTY	107	>NUP98-Y49: QQHINSLTF	5934	5827
>NUP98-Y49: QQHINSLTY	400	>NUP98-Y49: QQHINSLTF	16985	16585
>NUP98-Y49: QQHINSLTY	2807	>NUP98-Y49: QQHINSLTF	170	2637
>NUP98-Y49: QQHINSLTY	256	>NUP98-Y49: QQHINSLTF	15037	14781
>NUP98-Y49: QQHINSLTY	49	>NUP98-Y49: QQHINSLTF	42	7
>NUP98-Y49: QQHINSLTY	82	>NUP98-Y49: QQHINSLTF	158	76
>NUP98-Y49: QQHINSLTY	7	>NUP98-Y49: QQHINSLTF	3	4
>NUP98-Y49: QQHINSLTY	511	>NUP98-Y49: QQHINSLTF	439	72
>NUP98-Y49: LQQHINSLTY	437	>NUP98-Y49: LQQHINSLTF	3518	3081
>NUP98-Y49: LQQHINSLTY	435	>NUP98-Y49: LQQHINSLTF	13337	12902
>NUP98-Y49: LQQHINSLTY	4242	>NUP98-Y49: LQQHINSLTF	430	3812
>NUP98-Y49: LQQHINSLTY	385	>NUP98-Y49: LQQHINSLTF	15921	15536
>NUP98-Y49: LQQHINSLTY	37	>NUP98-Y49: LQQHINSLTF	31	6
>NUP98-Y49: LQQHINSLTY	123	>NUP98-Y49: LQQHINSLTF	261	138
>NUP98-Y49: LQQHINSLTY	9	>NUP98-Y49: LQQHINSLTF	4	5
>NUP98-Y49: LQQHINSLTY	492	>NUP98-Y49: LQQHINSLTF	677	185
>OMD-I7M-v IYVIFFFGV	633	>OMD-I7M-n MYVIFFFGV	330	303
>OMD-I7M-v IYVIFFFGV	120	>OMD-I7M-n MYVIFFFGV	71	49
>OMD-I7M-v IYVIFFFGV	219	>OMD-I7M-n MYVIFFFGV	87	132
>OMD-I7M-v IYVIFFFGV	353	>OMD-I7M-n MYVIFFFGV	94	259
>OMD-I7M-v IYVIFFFGVK	742	>OMD-I7M-n MYVIFFFGV	250	492
>OMD-I7M-v IYVIFFFF	12	>OMD-I7M-n MYVIFFFF	11	1
>OMD-I7M-v IYVIFFFGV	821	>OMD-I7M-n MYVIFFFGV	386	435
>OMD-I7M-v IYVIFFFGVK	216	>OMD-I7M-n MYVIFFFGV	148	68
>OMD-I7M-v IYVIFFFF	11	>OMD-I7M-n MYVIFFFF	21	10
>OMD-I7M-v IYVIFFFF	14	>OMD-I7M-n MYVIFFFF	9	5
>OMD-I7M-v IYVIFFFG	1084	>OMD-I7M-n MYVIFFFG	226	858
>OMD-I7M-v IYVIFFFGV	228	>OMD-I7M-n MYVIFFFGV	46	182
>OMD-I7M-v IYVIFFFGVK	1600	>OMD-I7M-n MYVIFFFGV	451	1149
>OMD-I7M-v IYVIFFFF	90	>OMD-I7M-n MYVIFFFF	36	54
>OMD-I7M-v IYVIFFFGVK	520	>OMD-I7M-n MYVIFFFGV	68	452
>OMD-I7M-v IYVIFFFF	1149	>OMD-I7M-n MYVIFFFF	232	917
>OMD-I7M-v IYVIFFFGV	1173	>OMD-I7M-n MYVIFFFGV	488	685
>OMD-I7M-v IYVIFFFGVK	337	>OMD-I7M-n MYVIFFFGV	89	248
>OMD-I7M-v IYVIFFFGV	970	>OMD-I7M-n MYVIFFFGV	497	473

>OMD-I7M-v IYVIFFFGVK	664	>OMD-I7M-n MYVIFFFGV	277	387
>OMD-I7M-v IYVIFFFGVK	458	>OMD-I7M-n MYVIFFFGV	61	397
>OMD-I7M-v IYVIFFFGV	782	>OMD-I7M-n MYVIFFFGV	102	680
>OMD-I7M-v IYVIFFFGV	2082	>OMD-I7M-n MYVIFFFGV	73	2009
>OMD-I7M-v IYVIFFF	285	>OMD-I7M-n MYVIFFF	257	28
>OMD-I7M-v IYVIFFFGVK	258	>OMD-I7M-n MYVIFFFGV	382	124
>OMD-I7M-v IYVIFFFGVK	41	>OMD-I7M-n MYVIFFFGV	29	12
>OMD-I7M-v IYVIFFF	189	>OMD-I7M-n MYVIFFF	162	27
>OMD-I7M-v IYVIFFFGV	30	>OMD-I7M-n MYVIFFFGV	25	5
>OMD-I7M-v IYVIFFF	334	>OMD-I7M-n MYVIFFF	67	267
>OMD-I7M-v IYVIFFFG	460	>OMD-I7M-n MYVIFFFG	77	383
>OMD-I7M-v IYVIFFFGVK	1513	>OMD-I7M-n MYVIFFFGV	267	1246
>OMD-I7M-v PIYVIFFF	842	>OMD-I7M-n PMYVIFFF	274	568
>OMD-I7M-v PIYVIFFFGV	343	>OMD-I7M-n PMYVIFFFG'	135	208
>OMD-I7M-v PIYVIFFFGV	295	>OMD-I7M-n PMYVIFFFG'	27	268
>OMD-I7M-v PIYVIFFFGV	196	>OMD-I7M-n PMYVIFFFG'	27	169
>OMD-I7M-v PIYVIFFFGV	395	>OMD-I7M-n PMYVIFFFG'	65	330
>OMD-I7M-v PIYVIFFFGV	24	>OMD-I7M-n PMYVIFFFG'	16	8
>OMD-I7M-v PIYVIFFF	6587	>OMD-I7M-n PMYVIFFF	365	6222
>OMD-I7M-v PIYVIFFFGV	15	>OMD-I7M-n PMYVIFFFG'	2	13
>OMD-I7M-v PIYVIFFFGV	708	>OMD-I7M-n PMYVIFFFG'	20	688
>OMD-I7M-v PIYVIFFFGV	28	>OMD-I7M-n PMYVIFFFG'	7	21
>OMD-I7M-v PIYVIFFFGV	58	>OMD-I7M-n PMYVIFFFG'	4	54
>OMD-I7M-v PIYVIFFFGV	21	>OMD-I7M-n PMYVIFFFG'	4	17
>OMD-I7M-v PIYVIFFF	327	>OMD-I7M-n PMYVIFFF	72	255
>OMD-I7M-v PIYVIFFF	94	>OMD-I7M-n PMYVIFFF	29	65
>OMD-I7M-v PIYVIFFF	1408	>OMD-I7M-n PMYVIFFF	323	1085
>OMD-I7M-v PIYVIFFF	311	>OMD-I7M-n PMYVIFFF	78	233
>OMD-I7M-v PIYVIFFF	1720	>OMD-I7M-n PMYVIFFF	219	1501
>OMD-I7M-v PIYVIFFF	477	>OMD-I7M-n PMYVIFFF	79	398
>OMD-I7M-v PIYVIFFF	107	>OMD-I7M-n PMYVIFFF	28	79
>OMD-I7M-v PIYVIFFFGV	166	>OMD-I7M-n PMYVIFFFG'	1162	996
>OMD-I7M-v PIYVIFFFGV	16	>OMD-I7M-n PMYVIFFFG'	35	19
>OMD-I7M-v PIYVIFFF	962	>OMD-I7M-n PMYVIFFF	46	916
>OMD-I7M-v PIYVIFFF	673	>OMD-I7M-n PMYVIFFF	39	634
>OMD-I7M-v SPIYVIF	5	>OMD-I7M-n SPMYVIF	8	3
>OMD-I7M-v SPIYVIF	3	>OMD-I7M-n SPMYVIF	4	1
>OMD-I7M-v SPIYVIF	3	>OMD-I7M-n SPMYVIF	4	1
>OMD-I7M-v SPIYVIF	211	>OMD-I7M-n SPMYVIF	111	100
>OMD-I7M-v SPIYVIF	145	>OMD-I7M-n SPMYVIF	1121	976
>OMD-I7M-v SPIYVIF	126	>OMD-I7M-n SPMYVIF	1090	964
>OMD-I7M-v SPIYVIF	301	>OMD-I7M-n SPMYVIF	2299	1998
>OMD-I7M-v SPIYVIF	300	>OMD-I7M-n SPMYVIF	203	97

>OMD-I7M-v SPIYVIFFF	2040	>OMD-I7M-n SPMYVIFFF	492	1548
>OMD-I7M-v SPIYVIFFFF	279	>OMD-I7M-n SPMYVIFFFF	84	195
>OMD-I7M-v SPIYVIFFF	589	>OMD-I7M-n SPMYVIFFF	309	280
>OMD-I7M-v SPIYVIFFF	53	>OMD-I7M-n SPMYVIFFF	60	7
>OMD-I7M-v SPIYVIFFFF	70	>OMD-I7M-n SPMYVIFFFF	78	8
>OMD-I7M-v SPIYVIFFFF	138	>OMD-I7M-n SPMYVIFFFF	106	32
>OMD-I7M-v SPIYVIFFFF	408	>OMD-I7M-n SPMYVIFFFF	444	36
>OMD-I7M-v SPIYVIFFF	123	>OMD-I7M-n SPMYVIFFF	102	21
>OMD-I7M-v SPIYVIFFFF	63	>OMD-I7M-n SPMYVIFFFF	56	7
>OMD-I7M-v SPIYVIFFFF	141	>OMD-I7M-n SPMYVIFFFF	132	9
>OMD-I7M-v SPIYVIFFFF	704	>OMD-I7M-n SPMYVIFFFF	341	363
>OMD-I7M-v SPIYVIFFFF	390	>OMD-I7M-n SPMYVIFFFF	434	44
>OMD-I7M-v SPIYVIFFF	1137	>OMD-I7M-n SPMYVIFFF	487	650
>OMD-I7M-v SPIYVIFFF	62	>OMD-I7M-n SPMYVIFFF	135	73
>OMD-I7M-v SPIYVIFFF	36	>OMD-I7M-n SPMYVIFFF	77	41
>OMD-I7M-v SPIYVIFFFF	50	>OMD-I7M-n SPMYVIFFFF	108	58
>OMD-I7M-v SPIYVIFFF	36	>OMD-I7M-n SPMYVIFFF	53	17
>OMD-I7M-v SPIYVIFFF	36	>OMD-I7M-n SPMYVIFFF	51	15
>OMD-I7M-v SPIYVIFFFF	28	>OMD-I7M-n SPMYVIFFFF	38	10
>OMD-I7M-v SPIYVIFFFF	132	>OMD-I7M-n SPMYVIFFFF	68	64
>OMD-I7M-v LSPIYVIFFF	338	>OMD-I7M-n LSPMYVIFFF	290	48
>OMD-I7M-v LSPIYVIFFF	433	>OMD-I7M-n LSPMYVIFFF	337	96
>OMD-I7M-v LSPIYVIFFFF	192	>OMD-I7M-n LSPMYVIFFFF	193	1
>OMD-I7M-v LSPIYVIF	467	>OMD-I7M-n LSPMYVIF	673	206
>OMD-I7M-v LSPIYVIFFF	199	>OMD-I7M-n LSPMYVIFFF	266	67
>OMD-I7M-v LSPIYVIFFFF	117	>OMD-I7M-n LSPMYVIFFFF	161	44
>OMD-I7M-v LSPIYVIFFF	129	>OMD-I7M-n LSPMYVIFFF	90	39
>OMD-I7M-v LSPIYVIF	128	>OMD-I7M-n LSPMYVIF	49	79
>OMD-I7M-v LSPIYVIFFF	309	>OMD-I7M-n LSPMYVIFFF	89	220
>OMD-I7M-v LSPIYVIFFF	628	>OMD-I7M-n LSPMYVIFFF	261	367
>OMD-I7M-v LSPIYVIFFFF	437	>OMD-I7M-n LSPMYVIFFFF	174	263
>OMD-I7M-v LSPIYVIF	114	>OMD-I7M-n LSPMYVIF	140	26
>OMD-I7M-v LSPIYVIFFF	28	>OMD-I7M-n LSPMYVIFFF	43	15
>OMD-I7M-v LSPIYVIFFF	49	>OMD-I7M-n LSPMYVIFFF	68	19
>OMD-I7M-v LSPIYVIFFFF	70	>OMD-I7M-n LSPMYVIFFFF	101	31
>OMD-I7M-v LSPIYVIF	9	>OMD-I7M-n LSPMYVIF	13	4
>OMD-I7M-v LSPIYVIFFF	2	>OMD-I7M-n LSPMYVIFFF	2	0
>OMD-I7M-v LSPIYVIFFF	2	>OMD-I7M-n LSPMYVIFFF	2	0
>OMD-I7M-v LSPIYVIFFFF	2	>OMD-I7M-n LSPMYVIFFFF	1	1
>OMD-I7M-v LSPIYVIFFF	34	>OMD-I7M-n LSPMYVIFFF	53	19
>OMD-I7M-v FLSPYVI	11	>OMD-I7M-n FLSPMYVI	13	2
>OMD-I7M-v FLSPYVIFFF	132	>OMD-I7M-n FLSPMYVIFFF	106	26
>OMD-I7M-v FLSPYVIFFF	74	>OMD-I7M-n FLSPMYVIFFF	96	22

>OMD-I7M-v FLSPIYVI	2	>OMD-I7M-n FLSPMYVI	3	1
>OMD-I7M-v FLSPIYVIF	9	>OMD-I7M-n FLSPMYVIF	26	17
>OMD-I7M-v FLSPIYVIFF	87	>OMD-I7M-n FLSPMYVIFF	121	34
>OMD-I7M-v FLSPIYVIFFF	4	>OMD-I7M-n FLSPMYVIFFF	6	2
>OMD-I7M-v FLSPIYVI	4	>OMD-I7M-n FLSPMYVI	4	0
>OMD-I7M-v FLSPIYVIF	254	>OMD-I7M-n FLSPMYVIF	338	84
>OMD-I7M-v FLSPIYVIFFF	83	>OMD-I7M-n FLSPMYVIFFF	95	12
>OMD-I7M-v FLSPIYVI	14	>OMD-I7M-n FLSPMYVI	16	2
>OMD-I7M-v FLSPIYVIF	218	>OMD-I7M-n FLSPMYVIF	280	62
>OMD-I7M-v FLSPIYVIFFF	44	>OMD-I7M-n FLSPMYVIFFF	46	2
>OMD-I7M-v FLSPIYVI	3	>OMD-I7M-n FLSPMYVI	5	2
>OMD-I7M-v FLSPIYVIFF	61	>OMD-I7M-n FLSPMYVIFF	113	52
>OMD-I7M-v FLSPIYVIFFF	36	>OMD-I7M-n FLSPMYVIFFF	63	27
>OMD-I7M-v FLSPIYVI	5	>OMD-I7M-n FLSPMYVI	6	1
>OMD-I7M-v FLSPIYVIFFF	477	>OMD-I7M-n FLSPMYVIFFF	653	176
>OMD-I7M-v FLSPIYVI	9	>OMD-I7M-n FLSPMYVI	14	5
>OMD-I7M-v FLSPIYVIFFF	152	>OMD-I7M-n FLSPMYVIFFF	209	57
>OMD-I7M-v FLSPIYVI	6	>OMD-I7M-n FLSPMYVI	16	10
>OMD-I7M-v FLSPIYVIFFF	297	>OMD-I7M-n FLSPMYVIFFF	444	147
>OMD-I7M-v FLSPIYVI	2	>OMD-I7M-n FLSPMYVI	3	1
>OMD-I7M-v FLSPIYVIF	119	>OMD-I7M-n FLSPMYVIF	94	25
>OMD-I7M-v FLSPIYVIFF	46	>OMD-I7M-n FLSPMYVIFF	36	10
>OMD-I7M-v FLSPIYVIFFF	34	>OMD-I7M-n FLSPMYVIFFF	28	6
>OMD-I7M-v FLSPIYVIF	425	>OMD-I7M-n FLSPMYVIF	445	20
>OMD-I7M-v FLSPIYVIFFF	389	>OMD-I7M-n FLSPMYVIFFF	411	22
>OMD-I7M-v FLSPIYVIF	35	>OMD-I7M-n FLSPMYVIF	51	16
>OMD-I7M-v FLSPIYVIFF	74	>OMD-I7M-n FLSPMYVIFF	100	26
>OMD-I7M-v FLSPIYVIFFF	32	>OMD-I7M-n FLSPMYVIFFF	40	8
>OMD-I7M-v FLSPIYVIF	294	>OMD-I7M-n FLSPMYVIF	396	102
>OMD-I7M-v FLSPIYVIFF	418	>OMD-I7M-n FLSPMYVIFF	414	4
>OMD-I7M-v FLSPIYVIFFF	57	>OMD-I7M-n FLSPMYVIFFF	69	12
>OMD-I7M-v FLSPIYVI	55	>OMD-I7M-n FLSPMYVI	156	101
>OMD-I7M-v FLSPIYVIF	142	>OMD-I7M-n FLSPMYVIF	90	52
>OMD-I7M-v FLSPIYVIFF	119	>OMD-I7M-n FLSPMYVIFF	79	40
>OMD-I7M-v FLSPIYVIFFF	126	>OMD-I7M-n FLSPMYVIFFF	94	32
>OMD-I7M-v FLSPIYVIF	488	>OMD-I7M-n FLSPMYVIF	469	19
>OMD-I7M-v FLSPIYVIF	10	>OMD-I7M-n FLSPMYVIF	11	1
>OMD-I7M-v FLSPIYVIFF	22	>OMD-I7M-n FLSPMYVIFF	20	2
>OMD-I7M-v FLSPIYVIFFF	41	>OMD-I7M-n FLSPMYVIFFF	42	1
>OMD-I7M-v FLSPIYVIF	240	>OMD-I7M-n FLSPMYVIF	223	17
>OMD-I7M-v FLSPIYVIFFF	370	>OMD-I7M-n FLSPMYVIFFF	389	19
>OMD-I7M-v FLSPIYVIFFF	337	>OMD-I7M-n FLSPMYVIFFF	362	25
>OMD-I7M-v FLSPIYVIF	154	>OMD-I7M-n FLSPMYVIF	87	67



>OMD-I7M-v GFLSPIYV	31	>OMD-I7M-n GFLSPMYV	74	43
>OMD-I7M-v GFLSPIYV	61	>OMD-I7M-n GFLSPMYV	127	66
>OMD-I7M-v GFLSPIYV	448	>OMD-I7M-n GFLSPMYV	663	215
>OMD-I7M-v GFLSPIYVI	163	>OMD-I7M-n GFLSPMYVI	275	112
>OMD-I7M-v GFLSPIYVIF	72	>OMD-I7M-n GFLSPMYVIF	55	17
>OMD-I7M-v GFLSPIYVIF	109	>OMD-I7M-n GFLSPMYVIF	149	40
>OMD-I7M-v GFLSPIYVI	45	>OMD-I7M-n GFLSPMYVI	69	24
>OMD-I7M-v GFLSPIYVIF	8	>OMD-I7M-n GFLSPMYVIF	9	1
>OMD-I7M-v GFLSPIYVIF	9	>OMD-I7M-n GFLSPMYVIF	11	2
>OMD-I7M-v GFLSPIYVIF	286	>OMD-I7M-n GFLSPMYVIF	254	32
>OMD-I7M-v GFLSPIYVIF	174	>OMD-I7M-n GFLSPMYVIF	124	50
>OMD-I7M-v GFLSPIYVIF	493	>OMD-I7M-n GFLSPMYVIF	615	122
>OMD-I7M-v GFLSPIYVIF	658	>OMD-I7M-n GFLSPMYVIF	367	291
>OMD-I7M-v MGFLSPIYV	112	>OMD-I7M-n MGFLSPMYV	176	64
>OMD-I7M-v MGFLSPIY	173	>OMD-I7M-n MGFLSPMY	59	114
>OMD-I7M-v MGFLSPIYV	562	>OMD-I7M-n MGFLSPMYV	353	209
>OMD-I7M-v MGFLSPIY	196	>OMD-I7M-n MGFLSPMY	199	3
>OMD-I7M-v MGFLSPIYV	39	>OMD-I7M-n MGFLSPMYV	16	23
>OMD-I7M-v MGFLSPIY	643	>OMD-I7M-n MGFLSPMY	480	163
>OMD-I7M-v MGFLSPIY	101	>OMD-I7M-n MGFLSPMY	133	32
>OMD-I7M-v MGFLSPIYVIF	12	>OMD-I7M-n MGFLSPMYV	10	2
>OMD-I7M-v MGFLSPIY	74	>OMD-I7M-n MGFLSPMY	35	39
>OMD-I7M-v MGFLSPIYVIF	169	>OMD-I7M-n MGFLSPMYV	123	46
>OMD-I7M-v MGFLSPIY	36	>OMD-I7M-n MGFLSPMY	59	23
>OMD-I7M-v MGFLSPIYVIF	106	>OMD-I7M-n MGFLSPMYV	147	41
>OMD-I7M-v MGFLSPIYVIF	426	>OMD-I7M-n MGFLSPMYV	285	141
>OMD-I7M-v MGFLSPIYVIF	389	>OMD-I7M-n MGFLSPMYV	311	78
>OMD-P232f PSSLMYLSL	9375	>OMD-P232f HSSLMYLSL	421	8954
>OMD-P232f PSSLMYLSL	3293	>OMD-P232f HSSLMYLSL	17	3276
>OMD-P232f LPSSLMYL	28	>OMD-P232f LHSSLMYL	22290	22262
>OMD-P232f LPSSLMYLSL	125	>OMD-P232f LHSSLMYLSL	34695	34570
>OMD-P232f LPSSLMYL	3717	>OMD-P232f LHSSLMYL	374	3343
>OMD-P232f LPSSLMYL	122	>OMD-P232f LHSSLMYL	25506	25384
>OMD-P232f LPSSLMYLSL	227	>OMD-P232f LHSSLMYLSL	20765	20538
>OMD-P232f LPSSLMYL	3414	>OMD-P232f LHSSLMYL	376	3038
>OMD-P232f LPSSLMYLSL	2373	>OMD-P232f LHSSLMYLSL	299	2074
>OMD-P232f LPSSLMYL	386	>OMD-P232f LHSSLMYL	20604	20218
>OMD-P232f LPSSLMYLSL	478	>OMD-P232f LHSSLMYLSL	36904	36426
>OMD-P232f LPSSLMYL	2178	>OMD-P232f LHSSLMYL	436	1742
>OMD-P232f LPSSLMYLSL	260	>OMD-P232f LHSSLMYLSL	50	210
>OMD-P232f LPSSLMYL	55	>OMD-P232f LHSSLMYL	11465	11410
>OMD-P232f LPSSLMYLSL	326	>OMD-P232f LHSSLMYLSL	21666	21340
>OMD-P232f LPSSLMYLS	82	>OMD-P232f LHSSLMYLS	12794	12712

>OMD-P232†LPSSLMYLSL	345	>OMD-P232†LHSSLMYLSL	21255	20910
>OMD-P232†LPSSLMYL	372	>OMD-P232†LHSSLMYL	23528	23156
>OMD-P232†LPSSLMYLSL	104	>OMD-P232†LHSSLMYLSL	16793	16689
>OMD-P232†LPSSLMYL	6261	>OMD-P232†LHSSLMYL	277	5984
>OMD-P232†GLPSSLMYL	22	>OMD-P232†GLHSSLMYL	20	2
>OMD-P232†GLPSSLMYLSI	108	>OMD-P232†GLHSSLMYLS	89	19
>OMD-P232†GLPSSLMYL	6	>OMD-P232†GLHSSLMYL	6	0
>OMD-P232†GLPSSLMYLSI	42	>OMD-P232†GLHSSLMYLS	36	6
>OMD-P232†GLPSSLMYL	6	>OMD-P232†GLHSSLMYL	5	1
>OMD-P232†GLPSSLMYLSI	25	>OMD-P232†GLHSSLMYLS	19	6
>OMD-P232†GLPSSLMYL	47	>OMD-P232†GLHSSLMYL	202	155
>OMD-P232†GLPSSLMYLSI	306	>OMD-P232†GLHSSLMYLS	1142	836
>OMD-P232†GLPSSLMYL	9	>OMD-P232†GLHSSLMYL	5	4
>OMD-P232†GLPSSLMYLSI	56	>OMD-P232†GLHSSLMYLS	29	27
>OMD-P232†GLPSSLMYL	9	>OMD-P232†GLHSSLMYL	5	4
>OMD-P232†GLPSSLMYLSI	98	>OMD-P232†GLHSSLMYLS	47	51
>OMD-P232†GLPSSLMYL	11	>OMD-P232†GLHSSLMYL	15	4
>OMD-P232†GLPSSLMYLSI	39	>OMD-P232†GLHSSLMYLS	64	25
>OMD-P232†GLPSSLMYL	68	>OMD-P232†GLHSSLMYL	168	100
>OMD-P232†GLPSSLMYL	4	>OMD-P232†GLHSSLMYL	3	1
>OMD-P232†GLPSSLMYLSI	6	>OMD-P232†GLHSSLMYLS	5	1
>OMD-P232†GLPSSLMY	1260	>OMD-P232†GLHSSLMY	168	1092
>OMD-P232†GLPSSLMY	53	>OMD-P232†GLHSSLMY	23	30
>OMD-P232†GLPSSLMYL	13445	>OMD-P232†GLHSSLMYL	396	13049
>OMD-P232†GLPSSLMY	487	>OMD-P232†GLHSSLMY	163	324
>OMD-P232†GLPSSLMY	1115	>OMD-P232†GLHSSLMY	170	945
>OMD-P232†GLPSSLMY	312	>OMD-P232†GLHSSLMY	72	240
>OMD-P232†GLPSSLMY	359	>OMD-P232†GLHSSLMY	97	262
>OMD-P232†GLPSSLMY	1860	>OMD-P232†GLHSSLMY	169	1691
>OMD-P232†GLPSSLMYLSI	3364	>OMD-P232†GLHSSLMYLS	471	2893
>OMD-P232†GLPSSLMYL	9	>OMD-P232†GLHSSLMYL	5320	5311
>OMD-P232†GLPSSLMYLS	485	>OMD-P232†GLHSSLMYLS	21210	20725
>OMD-P232†GLPSSLMYLSI	45	>OMD-P232†GLHSSLMYLS	9892	9847
>OMD-P232†PGLPSSLMY	126	>OMD-P232†PGLHSSLMY	216	90
>OMD-P232†PPGLPSSL	717	>OMD-P232†PPGLHSSL	278	439
>OMD-P232†MPPGLPSSL	45	>OMD-P232†MPPGLHSSL	31	14
>OMD-P232†MPPGLPSSLN	125	>OMD-P232†MPPGLHSSLN	126	1
>OMD-P232†MPPGLPSSLN	174	>OMD-P232†MPPGLHSSLN	149	25
>OMD-P232†MPPGLPSSL	43	>OMD-P232†MPPGLHSSL	16	27
>OMD-P232†MPPGLPSSLN	217	>OMD-P232†MPPGLHSSLN	194	23
>OMD-P232†MPPGLPSSL	134	>OMD-P232†MPPGLHSSL	114	20
>OMD-P232†MPPGLPSSLN	14	>OMD-P232†MPPGLHSSLN	13	1
>OMD-P232†MPPGLPSSL	200	>OMD-P232†MPPGLHSSL	360	160

>OMD-P232f MPPGLPSSL	172	>OMD-P232f MPPGLHSSL	636	464
>OMD-P232f MPPGLPSSLN	41	>OMD-P232f MPPGLHSSLN	67	26
>OMD-P232f MPPGLPSS	130	>OMD-P232f MPPGLHSS	135	5
>OMD-P232f MPPGLPSSL	1313	>OMD-P232f MPPGLHSSL	104	1209
>OMD-P232f MPPGLPSSLN	74	>OMD-P232f MPPGLHSSLN	26	48
>OMD-P232f SMPPGLPSSL	230	>OMD-P232f SMPPGLHSSL	415	185
>OMD-P232f SMPPGLPSSL	606	>OMD-P232f SMPPGLHSSL	471	135
>OMD-P232f SMPPGLPSSL	19	>OMD-P232f SMPPGLHSSL	25	6
>OMD-P232f SMPPGLPSSL	765	>OMD-P232f SMPPGLHSSL	193	572
>OMD-P232f SMPPGLPSS	609	>OMD-P232f SMPPGLHSS	223	386
>OMD-P232f SMPPGLPSSL	28	>OMD-P232f SMPPGLHSSL	67	39
>OMD-P232f SMPPGLPSSL	131	>OMD-P232f SMPPGLHSSL	46	85
>OMD-P232f SMPPGLPSS	106	>OMD-P232f SMPPGLHSS	127	21
>OMD-P232f SMPPGLPSSL	165	>OMD-P232f SMPPGLHSSL	246	81
>OMD-P232f SMPPGLPSSL	235	>OMD-P232f SMPPGLHSSL	194	41
>OMD-P232f SMPPGLPSS	334	>OMD-P232f SMPPGLHSS	180	154
>OMD-P232f SMPPGLPSSL	5	>OMD-P232f SMPPGLHSSL	7	2
>OMD-P232f SMPPGLPSSL	80	>OMD-P232f SMPPGLHSSL	82	2
>OMD-P232f SMPPGLPSSL	37	>OMD-P232f SMPPGLHSSL	60	23
>OMD-P232f SMPPGLPSS	478	>OMD-P232f SMPPGLHSS	699	221
>OMD-P232f SMPPGLPSSL	13	>OMD-P232f SMPPGLHSSL	19	6
>OMD-P232f SMPPGLPSSL	113	>OMD-P232f SMPPGLHSSL	151	38
>OMD-P232f SMPPGLPSSL	127	>OMD-P232f SMPPGLHSSL	235	108
>OMD-P232f SMPPGLPSS	74	>OMD-P232f SMPPGLHSS	20	54
>OMD-P232f SMPPGLPSSL	3	>OMD-P232f SMPPGLHSSL	3	0
>OMD-P232f SMPPGLPSSL	47	>OMD-P232f SMPPGLHSSL	37	10
>OMD-P232f SMPPGLPSSL	980	>OMD-P232f SMPPGLHSSL	376	604
>OMD-P232f SMPPGLPSSL	496	>OMD-P232f SMPPGLHSSL	406	90
>OMD-P232f SMPPGLPSSL	140	>OMD-P232f SMPPGLHSSL	34	106
>OMD-P232f SMPPGLPSSL	13	>OMD-P232f SMPPGLHSSL	11	2
>OMD-P232f SMPPGLPSSL	3134	>OMD-P232f SMPPGLHSSL	381	2753
>OMD-P232f ESMPPGLPSS	263	>OMD-P232f ESMPPGLHSS	180	83
>OMD-P232f ESMPPGLPSS	464	>OMD-P232f ESMPPGLHSS	626	162
>OMD-P232f ESMPPGLPSS	27	>OMD-P232f ESMPPGLHSS	34	7
>OMD-P232f ESMPPGLPSS	108	>OMD-P232f ESMPPGLHSS	113	5
>OMD-P232f ESMPPGLPSS	357	>OMD-P232f ESMPPGLHSS	410	53
>OMD-P232f ESMPPGLPSS	13	>OMD-P232f ESMPPGLHSS	12	1
>OMD-P232f ESMPPGLPSS	205	>OMD-P232f ESMPPGLHSS	114	91
>OMD-P232f ESMPPGLPSS	191	>OMD-P232f ESMPPGLHSS	182	9
>PAFAH1B2- LDTDGGFV	131	>PAFAH1B2- L DSDGGFV	215	84
>PAFAH1B2- LLDTDGGFV	381	>PAFAH1B2- LL DSDGGFV	229	152
>PAFAH1B2- LLDTDGGFV	62	>PAFAH1B2- LL DSDGGFV	36	26
>PAFAH1B2- LLDTDGGFV	80	>PAFAH1B2- LL DSDGGFV	47	33

>PAFAH1B2-`LLDTDGGFV	123	>PAFAH1B2-`LLSDGGFV	105	18
>PAFAH1B2-`LLDTDGGFV	5	>PAFAH1B2-`LLSDGGFV	3	2
>PAFAH1B2-`LLDTDGGFV	8	>PAFAH1B2-`LLSDGGFV	8	0
>PAFAH1B2-`LLDTDGGFV	9	>PAFAH1B2-`LLSDGGFV	7	2
>PAFAH1B2-`LLDTDGGFV	17	>PAFAH1B2-`LLSDGGFV	10	7
>PAFAH1B2-`LLDTDGGFV	7	>PAFAH1B2-`LLSDGGFV	5	2
>PAFAH1B2-`QLLDTDGGF\	34	>PAFAH1B2-`QLLSDGGF\	34	0
>PAFAH1B2-`QLLDTDGGF\	89	>PAFAH1B2-`QLLSDGGF\	68	21
>PAFAH1B2-`QLLDTDGGF\	58	>PAFAH1B2-`QLLSDGGF\	60	2
>PAFAH1B2-`QLLDTDGGF\	111	>PAFAH1B2-`QLLSDGGF\	180	69
>PAFAH1B2-`QLLDTDGGF\	4	>PAFAH1B2-`QLLSDGGF\	5	1
>PAFAH1B2-`QLLDTDGGF\	7	>PAFAH1B2-`QLLSDGGF\	9	2
>PAFAH1B2-`QLLDTDGGF\	9	>PAFAH1B2-`QLLSDGGF\	9	0
>PAFAH1B2-`QLLDTDGGF\	9	>PAFAH1B2-`QLLSDGGF\	9	0
>PAFAH1B2-`QLLDTDGGF\	5	>PAFAH1B2-`QLLSDGGF\	5	0
>PAFAH1B2-`QLLDTDGGF\	126	>PAFAH1B2-`QLLSDGGF\	156	30
>PAFAH1B2-`QLLDTDGGF	62	>PAFAH1B2-`QLLSDGGF	41	21
>PAFAH1B2-`QLLDTDGGF	593	>PAFAH1B2-`QLLSDGGF	189	404
>PAFAH1B2-`VQLLDTDGGI	10	>PAFAH1B2-`VQLLSDGGI	11	1
>PAFAH1B2-`VQLLDTDGGI	185	>PAFAH1B2-`VQLLSDGGI	170	15
>PAFAH1B2-`VQLLDTDGGI	141	>PAFAH1B2-`VQLLSDGGI	143	2
>PAFAH1B2-`VQLLDTDGGI	141	>PAFAH1B2-`VQLLSDGGI	130	11
>PAFAH1B2-`VQLLDTDGGI	534	>PAFAH1B2-`VQLLSDGGI	334	200
>PAFAH1B2-`VQLLDTDGGI	681	>PAFAH1B2-`VQLLSDGGI	482	199
>PAFAH1B2-`VQLLDTDGGI	136	>PAFAH1B2-`VQLLSDGGI	106	30
>PAFAH1B2-`KLANVQLLDT	413	>PAFAH1B2-`KLANVQLLDS	3118	2705
>PAFAH1B2-`KLANVQLLDT	298	>PAFAH1B2-`KLANVQLLDS	4093	3795
>PAFAH1B2-`KLANVQLLDT	352	>PAFAH1B2-`KLANVQLLDS	3049	2697
>PAFAH1B2-`KLANVQLLDT	499	>PAFAH1B2-`KLANVQLLDS	5222	4723
>PALB2-D11;`DSHLLAGQK	6964	>PALB2-D11;`GSHLLAGQK	135	6829
>PALB2-D11;`DSHLLAGQK	4813	>PALB2-D11;`GSHLLAGQK	193	4620
>PALB2-D11;`DSHLLAGQK	189	>PALB2-D11;`GSHLLAGQK	3063	2874
>PALB2-D11;`HWSFVKWSC	403	>PALB2-D11;`HWSFVKWSC	252	151
>PALB2-D11;`GTDSHLLA	296	>PALB2-D11;`GTGSHLLA	12785	12489
>PALB2-D11;`GTDSHLLAGC	491	>PALB2-D11;`GTGSHLLAGC	254	237
>PALB2-D11;`GTDSHLLAGC	47	>PALB2-D11;`GTGSHLLAGC	50	3
>PALB2-D11;`GTDSHLLAGC	213	>PALB2-D11;`GTGSHLLAGC	220	7
>PALB2-D11;`WSGTDSHL	969	>PALB2-D11;`WSGTGSHL	200	769
>PALB2-D11;`WSGTDSHLL	3002	>PALB2-D11;`WSGTGSHLL	347	2655
>PALB2-D11;`WSGTDSHLL	551	>PALB2-D11;`WSGTGSHLL	177	374
>PALB2-D11;`KWSGTDSHL	345	>PALB2-D11;`KWSGTGSHL	366	21
>PALB2-D11;`KWSGTDSHL	385	>PALB2-D11;`KWSGTGSHL	222	163
>PALB2-D11;`KWSGTDSHL	569	>PALB2-D11;`KWSGTGSHL	287	282

>PALB2-D11;KWSGTDSHL	357	>PALB2-D11;KWSGTGSHL	248	109
>PALB2-D11;KWSGTDSHLI	209	>PALB2-D11;KWSGTGSHLI	150	59
>PALB2-D11;KWSGTDSH	139	>PALB2-D11;KWSGTGSH	166	27
>PALB2-D11;KWSGTDSHL	119	>PALB2-D11;KWSGTGSHL	119	0
>PALB2-D11;KWSGTDSHLI	117	>PALB2-D11;KWSGTGSHLI	113	4
>PALB2-D11;KWSGTDSHLI	87	>PALB2-D11;KWSGTGSHLI	91	4
>PALB2-D11;VKWSGTDSH	131	>PALB2-D11;VKWSGTGSH	194	63
>PALB2-D11;VKWSGTDSH	18	>PALB2-D11;VKWSGTGSH	12	6
>PALB2-D11;VKWSGTDSH	38	>PALB2-D11;VKWSGTGSH	42	4
>PALB2-D11;FVKWSGTDSI	119	>PALB2-D11;FVKWSGTGSI	43	76
>PALB2-D11;FVKWSGTDSI	519	>PALB2-D11;FVKWSGTGSI	273	246
>PALB2-D11;FVKWSGTDSI	83	>PALB2-D11;FVKWSGTGSI	56	27
>PALB2-D11;FVKWSGTDSI	607	>PALB2-D11;FVKWSGTGSI	354	253
>PALB2-D11;FVKWSGTDSI	860	>PALB2-D11;FVKWSGTGSI	488	372
>PALB2-D11;FVKWSGTDSI	641	>PALB2-D11;FVKWSGTGSI	295	346
>PALB2-D11;SFVKWSGTD	920	>PALB2-D11;SFVKWSGTG	392	528
>PALB2-E15A EKLKEKLAF	9	>PALB2-E15A AKLKEKLAF	3	6
>PALB2-E15A EKLKEKLAFI	1463	>PALB2-E15A AKLKEKLAFI	135	1328
>PALB2-E15A KEKLKEKLAFI	75	>PALB2-E15A KAKLKEKLAFI	23340	23265
>PALB2-E15A KEKLKEKLA	9743	>PALB2-E15A KAKLKEKLA	173	9570
>PALB2-E15A KEKLKEKLAFI	4307	>PALB2-E15A KAKLKEKLAFI	35	4272
>PALB2-E15A KEKLKEKLAF	246	>PALB2-E15A KAKLKEKLAF	165	81
>PALB2-E15A KEKLKEKL	24460	>PALB2-E15A KAKLKEKL	399	24061
>PALB2-E15A KEKLKEKLAF	17428	>PALB2-E15A KAKLKEKLAF	45	17383
>PALB2-E15A KEKLKEKLAFI	20991	>PALB2-E15A KAKLKEKLAFI	70	20921
>PALB2-E15A KEKLKEKL	353	>PALB2-E15A KAKLKEKL	37869	37516
>PALB2-E15A KEKLKEKLAFI	287	>PALB2-E15A KAKLKEKLAFI	36270	35983
>PALB2-E15A KEKLKEKLAFI	95	>PALB2-E15A KAKLKEKLAFI	23380	23285
>PALB2-E15A EKEKLKEKLAF	595	>PALB2-E15A EKAKLKEKLAI	38	557
>PALB2-E15A EEKEKLKEKL	408	>PALB2-E15A EEKAKLKEKL	945	537
>PALB2-E15A EEKEKLKEKLA	110	>PALB2-E15A EEKAKLKEKLA	72	38
>PALB2-E15A CEEKEKLIK	2132	>PALB2-E15A CEEKAKLIK	171	1961
>PALB2-E15A CEEKEKLKEKI	396	>PALB2-E15A CEEKAKLKEKI	99	297
>PALB2-E15A LSCEEKEKL	379	>PALB2-E15A LSCEEKAKL	61	318
>PALB2-E15A LSCEEKEKL	554	>PALB2-E15A LSCEEKAKL	407	147
>PALB2-E15A KPLSCEEKEKI	1023	>PALB2-E15A KPLSCEEKAKI	334	689
>PALB2-K48€ KVSSPAGPT	11196	>PALB2-K48€ EVSSPAGPT	64	11132
>PALB2-K48€ KVSSPAGPT	10869	>PALB2-K48€ EVSSPAGPT	203	10666
>PALB2-K48€ RTSQKLLSLTK	58	>PALB2-K48€ RTSQKLLSLTE	15434	15376
>PALB2-K48€ RTSQKLLSLTK	18	>PALB2-K48€ RTSQKLLSLTE	15772	15754
>PALB2-K48€ RTSQKLLSLTK	8	>PALB2-K48€ RTSQKLLSLTE	5108	5100
>PALB2-K48€ RTSQKLLSLTK	685	>PALB2-K48€ RTSQKLLSLTE	248	437
>PALB2-K48€ RTSQKLLSLTK	357	>PALB2-K48€ RTSQKLLSLTE	9778	9421

>PALB2-K48€ LTKVSSPA	13	>PALB2-K48€ LTEVSSPA	2692	2679
>PALB2-K48€ LTKVSSPAG	35	>PALB2-K48€ LTEVSSPAG	6904	6869
>PALB2-K48€ LTKVSSPAGP'	340	>PALB2-K48€ LTEVSSPAGP'	11348	11008
>PALB2-K48€ SLTKVSSPA	623	>PALB2-K48€ SLTEVSSPA	57	566
>PALB2-K48€ SLTKVSSPA	79	>PALB2-K48€ SLTEVSSPA	18	61
>PALB2-K48€ SLTKVSSPA	22	>PALB2-K48€ SLTEVSSPA	7	15
>PALB2-K48€ SLTKVSSPA	595	>PALB2-K48€ SLTEVSSPA	44	551
>PALB2-K48€ SLTKVSSPA	76	>PALB2-K48€ SLTEVSSPA	6	70
>PALB2-K48€ SLTKVSSPA	320	>PALB2-K48€ SLTEVSSPA	30	290
>PALB2-K48€ SLTKVSSPA	19	>PALB2-K48€ SLTEVSSPA	9	10
>PALB2-K48€ SLTKVSSPA	30	>PALB2-K48€ SLTEVSSPA	6	24
>PALB2-K48€ SLTKVSSPA	835	>PALB2-K48€ SLTEVSSPA	243	592
>PALB2-K48€ LLSLTKVSSPA	86	>PALB2-K48€ LLSLTEVSSPA	48	38
>PALB2-K48€ LLSLTKVSSPA	41	>PALB2-K48€ LLSLTEVSSPA	37	4
>PALB2-K48€ LLSLTKVSSPA	407	>PALB2-K48€ LLSLTEVSSPA	265	142
>PALB2-K48€ LLSLTKVSSPA	496	>PALB2-K48€ LLSLTEVSSPA	234	262
>PALB2-K48€ LLSLTKVSSPA	388	>PALB2-K48€ LLSLTEVSSPA	194	194
>PALB2-K48€ LLSLTKVSSPA	30	>PALB2-K48€ LLSLTEVSSPA	23	7
>PALB2-K48€ KLLSLTKV	11	>PALB2-K48€ KLLSLTEV	8	3
>PALB2-K48€ KLLSLTKV	14	>PALB2-K48€ KLLSLTEV	5	9
>PALB2-K48€ KLLSLTKV	10	>PALB2-K48€ KLLSLTEV	8	2
>PALB2-K48€ KLLSLTKV	14	>PALB2-K48€ KLLSLTEV	6	8
>PALB2-K48€ KLLSLTKV	2	>PALB2-K48€ KLLSLTEV	2	0
>PALB2-K48€ KLLSLTKV	5	>PALB2-K48€ KLLSLTEV	4	1
>PALB2-K48€ KLLSLTKV	5	>PALB2-K48€ KLLSLTEV	4	1
>PALB2-K48€ KLLSLTKV	3	>PALB2-K48€ KLLSLTEV	2	1
>PALB2-K48€ KLLSLTKV	2	>PALB2-K48€ KLLSLTEV	2	0
>PALB2-K48€ KLLSLTKV	282	>PALB2-K48€ KLLSLTEV	242	40
>PALB2-K48€ KLLSLTKVVS	1841	>PALB2-K48€ KLLSLTEVVS	429	1412
>PALB2-K48€ KLLSLTKVSS	796	>PALB2-K48€ KLLSLTEVSS	414	382
>PALB2-K48€ QKLLSLTKV	224	>PALB2-K48€ QKLLSLTEV	80	144
>PALB2-K48€ SQKLLSLTKV	71	>PALB2-K48€ SQKLLSLTEV	46	25
>PALB2-K48€ SQKLLSLTKV	477	>PALB2-K48€ SQKLLSLTEV	238	239
>PALB2-K48€ SQKLLSLTK	85	>PALB2-K48€ SQKLLSLTE	24863	24778
>PALB2-K48€ SQKLLSLTK	15	>PALB2-K48€ SQKLLSLTE	8163	8148
>PALB2-K48€ SQKLLSLTKV	841	>PALB2-K48€ SQKLLSLTEV	354	487
>PALB2-K48€ TSQKLLSLTK	186	>PALB2-K48€ TSQKLLSLTE	25854	25668
>PALB2-K48€ TSQKLLSLTK	18	>PALB2-K48€ TSQKLLSLTE	28964	28946
>PALB2-K48€ TSQKLLSLTK	390	>PALB2-K48€ TSQKLLSLTE	15685	15295
>PALB2-K48€ TSQKLLSLTK	259	>PALB2-K48€ TSQKLLSLTE	30183	29924
>PALB2-K48€ TSQKLLSLTKV	1030	>PALB2-K48€ TSQKLLSLTEV	365	665
>PALB2-K48€ TSQKLLSLTKV	306	>PALB2-K48€ TSQKLLSLTEV	424	118
>PALB2-L9F-1 LSCEEKEKL	379	>PALB2-L9F-1 FSCEEKEKL	485	106

>PALB2-L9F-1 KPLSCEEKEKI	535	>PALB2-L9F-1 KPFSCEEKEKI	158	377
>PALB2-L9F-1 DEPPGKPL	342	>PALB2-L9F-1 DEPPGKPF	1890	1548
>PALB2-L9F-1 DEPPGKPL	184	>PALB2-L9F-1 DEPPGKPF	19	165
>PALB2-P10C PPEETILTF	3941	>PALB2-P10C LPEETILTF	438	3503
>PALB2-P10C PPEETILTF	137	>PALB2-P10C LPEETILTF	10	127
>PALB2-P10C PPEETILTFAE	5828	>PALB2-P10C LPEETILTFAE	242	5586
>PALB2-P10C PPEETILTF	58	>PALB2-P10C LPEETILTF	12	46
>PALB2-P10C PPEETILTFA	1898	>PALB2-P10C LPEETILTFA	31	1867
>PALB2-P10C PPEETILTF	172	>PALB2-P10C LPEETILTF	21	151
>PALB2-P10C PPEETILTF	32	>PALB2-P10C LPEETILTF	6	26
>PALB2-P10C MPPEETILTF	324	>PALB2-P10C MLPEETILTF	34835	34511
>PALB2-P10C MPPEETIL	21898	>PALB2-P10C MLPEETIL	98	21800
>PALB2-P10C MPPEETILT	22675	>PALB2-P10C MLPEETILT	105	22570
>PALB2-P10C MPPEETILTF/	19820	>PALB2-P10C MLPEETILTF/	18	19802
>PALB2-P10C MPPEETIL	21530	>PALB2-P10C MLPEETIL	9	21521
>PALB2-P10C MPPEETILT	29913	>PALB2-P10C MLPEETILT	46	29867
>PALB2-P10C MPPEETILTF/	11162	>PALB2-P10C MLPEETILTF/	4	11158
>PALB2-P10C MPPEETIL	21449	>PALB2-P10C MLPEETIL	26	21423
>PALB2-P10C MPPEETILT	22081	>PALB2-P10C MLPEETILT	84	21997
>PALB2-P10C MPPEETILTF/	10834	>PALB2-P10C MLPEETILTF/	4	10830
>PALB2-P10C MPPEETIL	13418	>PALB2-P10C MLPEETIL	147	13271
>PALB2-P10C MPPEETILT	20033	>PALB2-P10C MLPEETILT	150	19883
>PALB2-P10C MPPEETILTF/	4423	>PALB2-P10C MLPEETILTF/	11	4412
>PALB2-P10C MPPEETIL	21322	>PALB2-P10C MLPEETIL	34	21288
>PALB2-P10C MPPEETILT	25034	>PALB2-P10C MLPEETILT	78	24956
>PALB2-P10C MPPEETILTF	24177	>PALB2-P10C MLPEETILTF	73	24104
>PALB2-P10C MPPEETILTF/	16896	>PALB2-P10C MLPEETILTF/	10	16886
>PALB2-P10C MPPEETIL	24554	>PALB2-P10C MLPEETIL	72	24482
>PALB2-P10C MPPEETILTF/	23478	>PALB2-P10C MLPEETILTF/	61	23417
>PALB2-P10C MPPEETIL	23034	>PALB2-P10C MLPEETIL	53	22981
>PALB2-P10C MPPEETILT	25101	>PALB2-P10C MLPEETILT	448	24653
>PALB2-P10C MPPEETILTF/	20926	>PALB2-P10C MLPEETILTF/	16	20910
>PALB2-P10C MPPEETIL	25345	>PALB2-P10C MLPEETIL	232	25113
>PALB2-P10C MPPEETILTF/	23283	>PALB2-P10C MLPEETILTF/	64	23219
>PALB2-P10C MPPEETIL	24693	>PALB2-P10C MLPEETIL	5	24688
>PALB2-P10C MPPEETILT	33544	>PALB2-P10C MLPEETILT	18	33526
>PALB2-P10C MPPEETILTF	35673	>PALB2-P10C MLPEETILTF	137	35536
>PALB2-P10C MPPEETILTF/	27030	>PALB2-P10C MLPEETILTF/	4	27026
>PALB2-P10C MPPEETILTF	1076	>PALB2-P10C MLPEETILTF	62	1014
>PALB2-P10C MPPEETILTF	7750	>PALB2-P10C MLPEETILTF	84	7666
>PALB2-P10C MPPEETILTF/	1310	>PALB2-P10C MLPEETILTF/	162	1148
>PALB2-P10C MPPEETILTF	12735	>PALB2-P10C MLPEETILTF	271	12464
>PALB2-P10C MPPEETILTF	1030	>PALB2-P10C MLPEETILTF	149	881

>PALB2-P10C MPPEETIL	101	>PALB2-P10C MLPEETIL	8232	8131
>PALB2-P10C MPPEETILT	299	>PALB2-P10C MLPEETILT	16299	16000
>PALB2-P10C MPPEETILTF	110	>PALB2-P10C MLPEETILTF	34385	34275
>PALB2-P10C MPPEETIL	112	>PALB2-P10C MLPEETIL	27481	27369
>PALB2-P10C MPPEETILTF	264	>PALB2-P10C MLPEETILTF	18105	17841
>PALB2-P10C MPPEETILT	417	>PALB2-P10C MLPEETILT	31887	31470
>PALB2-P10C MPPEETILTF/	33	>PALB2-P10C MLPEETILTF/	20411	20378
>PALB2-P10C MPPEETILTF	78	>PALB2-P10C MLPEETILTF	39	39
>PALB2-P10C MPPEETILTF	134	>PALB2-P10C MLPEETILTF	8000	7866
>PALB2-P10C MPPEETILTF	46	>PALB2-P10C MLPEETILTF	14907	14861
>PALB2-P10C LMPPEETI	1220	>PALB2-P10C LMLPEETI	99	1121
>PALB2-P10C LMPPEETIL	2598	>PALB2-P10C LMLPEETIL	248	2350
>PALB2-P10C LMPPEETILT	1717	>PALB2-P10C LMLPEETILT	108	1609
>PALB2-P10C LMPPEETI	287	>PALB2-P10C LMLPEETI	313	26
>PALB2-P10C LMPPEETIL	91	>PALB2-P10C LMLPEETIL	127	36
>PALB2-P10C LMPPEETILT	430	>PALB2-P10C LMLPEETILT	173	257
>PALB2-P10C LMPPEETI	252	>PALB2-P10C LMLPEETI	429	177
>PALB2-P10C LMPPEETIL	434	>PALB2-P10C LMLPEETIL	780	346
>PALB2-P10C LMPPEETILT	699	>PALB2-P10C LMLPEETILT	224	475
>PALB2-P10C LMPPEETI	381	>PALB2-P10C LMLPEETI	78	303
>PALB2-P10C LMPPEETIL	1663	>PALB2-P10C LMLPEETIL	331	1332
>PALB2-P10C LMPPEETILT	632	>PALB2-P10C LMLPEETILT	158	474
>PALB2-P10C LMPPEETILTF	1332	>PALB2-P10C LMLPEETILTF	400	932
>PALB2-P10C LMPPEETI	20	>PALB2-P10C LMLPEETI	5	15
>PALB2-P10C LMPPEETIL	609	>PALB2-P10C LMLPEETIL	61	548
>PALB2-P10C LMPPEETILT	1007	>PALB2-P10C LMLPEETILT	139	868
>PALB2-P10C LMPPEETILTF	776	>PALB2-P10C LMLPEETILTF	127	649
>PALB2-P10C LMPPEETI	134	>PALB2-P10C LMLPEETI	9	125
>PALB2-P10C LMPPEETIL	1128	>PALB2-P10C LMLPEETIL	33	1095
>PALB2-P10C LMPPEETI	137	>PALB2-P10C LMLPEETI	17	120
>PALB2-P10C LMPPEETIL	380	>PALB2-P10C LMLPEETIL	34	346
>PALB2-P10C LMPPEETILT	2362	>PALB2-P10C LMLPEETILT	263	2099
>PALB2-P10C LMPPEETI	692	>PALB2-P10C LMLPEETI	19	673
>PALB2-P10C LMPPEETIL	3300	>PALB2-P10C LMLPEETIL	103	3197
>PALB2-P10C LMPPEETI	15	>PALB2-P10C LMLPEETI	9	6
>PALB2-P10C LMPPEETIL	12	>PALB2-P10C LMLPEETIL	8	4
>PALB2-P10C LMPPEETILT	79	>PALB2-P10C LMLPEETILT	44	35
>PALB2-P10C LMPPEETILTF	661	>PALB2-P10C LMLPEETILTF	334	327
>PALB2-P10C LMPPEETILTF	872	>PALB2-P10C LMLPEETILTF	203	669
>PALB2-P10C LMPPEETILTF	335	>PALB2-P10C LMLPEETILTF	777	442
>PALB2-P10C LMPPEETILTF	24	>PALB2-P10C LMLPEETILTF	34	10
>PALB2-P10C LMPPEETILTF	2080	>PALB2-P10C LMLPEETILTF	298	1782
>PALB2-P10C LMPPEETILTF	974	>PALB2-P10C LMLPEETILTF	315	659



>PALB2-P10C LMPPEETILTF	99	>PALB2-P10C LMLPEETILTF	63	36
>PALB2-P10C LMPPEETI	1735	>PALB2-P10C LMLPEETI	143	1592
>PALB2-P10C LMPPEETIL	691	>PALB2-P10C LMLPEETIL	45	646
>PALB2-P10C LMPPEETILTF	14	>PALB2-P10C LMLPEETILTF	4	10
>PALB2-P10C LMPPEETILTF	822	>PALB2-P10C LMLPEETILTF	28	794
>PALB2-P10C LMPPEETILTF	862	>PALB2-P10C LMLPEETILTF	134	728
>PALB2-P10C LMPPEETILTF	5749	>PALB2-P10C LMLPEETILTF	66	5683
>PALB2-P10C LMPPEETIL	189	>PALB2-P10C LMLPEETIL	24349	24160
>PALB2-P10C LMPPEETILTF	112	>PALB2-P10C LMLPEETILTF	14734	14622
>PALB2-P10C LMPPEETI	707	>PALB2-P10C LMLPEETI	409	298
>PALB2-P10C FLMPPEET	30	>PALB2-P10C FLMLPEET	66	36
>PALB2-P10C FLMPPEETI	14	>PALB2-P10C FLMLPEETI	34	20
>PALB2-P10C FLMPPEETIL	24	>PALB2-P10C FLMLPEETIL	31	7
>PALB2-P10C FLMPPEETILT	24	>PALB2-P10C FLMLPEETILT	70	46
>PALB2-P10C FLMPPEET	15	>PALB2-P10C FLMLPEET	24	9
>PALB2-P10C FLMPPEETI	8	>PALB2-P10C FLMLPEETI	22	14
>PALB2-P10C FLMPPEETIL	8	>PALB2-P10C FLMLPEETIL	11	3
>PALB2-P10C FLMPPEETILT	11	>PALB2-P10C FLMLPEETILT	26	15
>PALB2-P10C FLMPPEET	43	>PALB2-P10C FLMLPEET	108	65
>PALB2-P10C FLMPPEETI	11	>PALB2-P10C FLMLPEETI	41	30
>PALB2-P10C FLMPPEETIL	26	>PALB2-P10C FLMLPEETIL	37	11
>PALB2-P10C FLMPPEETILT	37	>PALB2-P10C FLMLPEETILT	133	96
>PALB2-P10C FLMPPEET	73	>PALB2-P10C FLMLPEET	507	434
>PALB2-P10C FLMPPEETI	15	>PALB2-P10C FLMLPEETI	189	174
>PALB2-P10C FLMPPEETIL	84	>PALB2-P10C FLMLPEETIL	99	15
>PALB2-P10C FLMPPEETILT	31	>PALB2-P10C FLMLPEETILT	295	264
>PALB2-P10C FLMPPEET	9	>PALB2-P10C FLMLPEET	36	27
>PALB2-P10C FLMPPEETI	2	>PALB2-P10C FLMLPEETI	4	2
>PALB2-P10C FLMPPEETIL	11	>PALB2-P10C FLMLPEETIL	35	24
>PALB2-P10C FLMPPEETILT	15	>PALB2-P10C FLMLPEETILT	71	56
>PALB2-P10C FLMPPEET	105	>PALB2-P10C FLMLPEET	346	241
>PALB2-P10C FLMPPEETI	4	>PALB2-P10C FLMLPEETI	7	3
>PALB2-P10C FLMPPEETIL	7	>PALB2-P10C FLMLPEETIL	15	8
>PALB2-P10C FLMPPEETILT	76	>PALB2-P10C FLMLPEETILT	304	228
>PALB2-P10C FLMPPEET	154	>PALB2-P10C FLMLPEET	566	412
>PALB2-P10C FLMPPEETI	11	>PALB2-P10C FLMLPEETI	38	27
>PALB2-P10C FLMPPEETIL	18	>PALB2-P10C FLMLPEETIL	48	30
>PALB2-P10C FLMPPEETILT	110	>PALB2-P10C FLMLPEETILT	536	426
>PALB2-P10C FLMPPEET	50	>PALB2-P10C FLMLPEET	151	101
>PALB2-P10C FLMPPEETI	5	>PALB2-P10C FLMLPEETI	9	4
>PALB2-P10C FLMPPEETIL	8	>PALB2-P10C FLMLPEETIL	14	6
>PALB2-P10C FLMPPEETILT	49	>PALB2-P10C FLMLPEETILT	171	122
>PALB2-P10C FLMPPEET	9	>PALB2-P10C FLMLPEET	41	32

>PALB2-P10C FLMPPEETI	3	>PALB2-P10C FLMLPEETI	11	8
>PALB2-P10C FLMPPEETIL	3	>PALB2-P10C FLMLPEETIL	7	4
>PALB2-P10C FLMPPEETILT	7	>PALB2-P10C FLMLPEETILT	33	26
>PALB2-P10C FLMPPEETI	184	>PALB2-P10C FLMLPEETI	1035	851
>PALB2-P10C FLMPPEETI	397	>PALB2-P10C FLMLPEETI	1332	935
>PALB2-P10C FLMPPEETIL	135	>PALB2-P10C FLMLPEETIL	497	362
>PALB2-P10C QFLMPPEETI	4523	>PALB2-P10C QFLMLPEETI	400	4123
>PALB2-P10C QFLMPPEETI	352	>PALB2-P10C QFLMLPEETI	273	79
>PALB2-P10C NQFLMPPEE	507	>PALB2-P10C NQFLMLPEET	221	286
>PALB2-P10C NQFLMPPEE	316	>PALB2-P10C NQFLMLPEET	108	208
>PALB2-P10C NQFLMPPEE	381	>PALB2-P10C NQFLMLPEET	639	258
>PALB2-P10C NQFLMPPEE	1009	>PALB2-P10C NQFLMLPEET	386	623
>PALB2-P10C KENQFLMP	4864	>PALB2-P10C KENQFLML	144	4720
>PALB2-P10C KENQFLMP	4658	>PALB2-P10C KENQFLML	17	4641
>PALB2-P10C KENQFLMP	473	>PALB2-P10C KENQFLML	13	460
>PALB2-P10C KENQFLMPP	127	>PALB2-P10C KENQFLMLP	750	623
>PALB2-P10C KENQFLMPP	335	>PALB2-P10C KENQFLMLP	334	1
>PALB2-P10C KENQFLMP	3845	>PALB2-P10C KENQFLML	191	3654
>PALB2-P10C KENQFLMPP	536	>PALB2-P10C KENQFLMLP	418	118
>PALB2-P10C KENQFLMPP	770	>PALB2-P10C KENQFLMLP	346	424
>PALB2-P10C KENQFLMP	2110	>PALB2-P10C KENQFLML	77	2033
>PALB2-P10C GKENQFLMP	13778	>PALB2-P10C GKENQFLML	95	13683
>PAX3-N125INPGMFSWEI	3071	>PAX3-N125IKPGMFSWEI	480	2591
>PAX3-N125INPGMFSWEI	98	>PAX3-N125IKPGMFSWEI	337	239
>PAX3-N125INPGMFSWEI	462	>PAX3-N125IKPGMFSWEI	67	395
>PAX3-N125IENPGMFSWE	198	>PAX3-N125IEKPGMFSWE	780	582
>PAX3-N125IENPGMFSWE	482	>PAX3-N125IEKPGMFSWE	3411	2929
>PAX3-N125IRENPGMFSW	33	>PAX3-N125IREKPGMFSW	54	21
>PAX3-N125IRENPGMFSW	351	>PAX3-N125IREKPGMFSW	1610	1259
>PAX3-N125IRENPGMFSW	79	>PAX3-N125IREKPGMFSW	65	14
>PAX3-N125IRENPGMFSW	234	>PAX3-N125IREKPGMFSW	430	196
>PAX3-N125IRENPGMFSW	22	>PAX3-N125IREKPGMFSW	47	25
>PAX3-N125IRENPGMFSW	214	>PAX3-N125IREKPGMFSW	264	50
>PAX3-N125IRENPGMFSW	20	>PAX3-N125IREKPGMFSW	24	4
>PAX3-N125IRENPGMFSW	132	>PAX3-N125IREKPGMFSW	229	97
>PAX3-N125IRENPGMFSW	49	>PAX3-N125IREKPGMFSW	100	51
>PAX3-N125IRENPGMFS	454	>PAX3-N125IREKPGMFS	720	266
>PAX3-N125IRENPGMFSW	59	>PAX3-N125IREKPGMFSW	88	29
>PAX3-N125IRENPGMFSW	439	>PAX3-N125IREKPGMFSW	382	57
>PAX3-N125IRENPGMFSW	34	>PAX3-N125IREKPGMFSW	1223	1189
>PAX3-N125IRENPGMFSW	73	>PAX3-N125IREKPGMFSW	27	46
>PAX3-N125IRENPGMFSW	9	>PAX3-N125IREKPGMFSW	5	4
>PAX3-N125IRENPGMFSW	151	>PAX3-N125IREKPGMFSW	310	159

>PAX3-N125IKRENPGMF	257	>PAX3-N125IKREKPGMF	363	106
>PAX3-N125IKRENPGMFS'	75	>PAX3-N125IKREKPGMFS\	113	38
>PAX3-N125IYKRENPGM	21	>PAX3-N125IYKREKPGM	66	45
>PAX3-N125IYKRENPGMF	4	>PAX3-N125IYKREKPGMF	11	7
>PAX3-N125IYKRENPGMF:	65	>PAX3-N125IYKREKPGMF:	178	113
>PAX3-N125IYKRENPGMF:	399	>PAX3-N125IYKREKPGMF:	398	1
>PAX3-N125IEYKRENPGM	209	>PAX3-N125IEYKREKPGMI	435	226
>PAX3-N125IEYKRENPGM	126	>PAX3-N125IEYKREKPGMI	296	170
>PAX3-N125IEYKRENPGM	24	>PAX3-N125IEYKREKPGMI	39	15
>PAX3-N125IEEYKRENPGM	204	>PAX3-N125IEEYKREKPGM	69	135
>PAX3-N125IEEYKRENPGM	183	>PAX3-N125IEEYKREKPGM	126	57
>PAX3-N125IEEYKRENPGM	266	>PAX3-N125IEEYKREKPGM	238	28
>PAX3-N125IEEYKRENPGI	285	>PAX3-N125IEEYKREKPGI	420	135
>PAX3-R236I RAFERTHYPD	392	>PAX3-R236I HAFERTHYPC	458	66
>PAX3-R236I RAFERTHYPD	293	>PAX3-R236I HAFERTHYPC	866	573
>PAX3-R236I RAFERTHY	346	>PAX3-R236I HAFERTHY	953	607
>PAX3-R236I RAFERTHY	701	>PAX3-R236I HAFERTHY	356	345
>PAX3-R236I RAFERTHYPD	86	>PAX3-R236I HAFERTHYPC	329	243
>PAX3-R236I RAFERTHY	188	>PAX3-R236I HAFERTHY	412	224
>PAX3-R236I RAFERTHYPD	179	>PAX3-R236I HAFERTHYPC	1811	1632
>PAX3-R236I RAFERTHY	2098	>PAX3-R236I HAFERTHY	104	1994
>PAX3-R236I RAFERTHYPD	1735	>PAX3-R236I HAFERTHYPC	109	1626
>PAX3-R236I RAFERTHY	166	>PAX3-R236I HAFERTHY	452	286
>PAX3-R236I RAFERTHY	64	>PAX3-R236I HAFERTHY	114	50
>PAX3-R236I RAFERTHY	21	>PAX3-R236I HAFERTHY	67	46
>PAX3-R236I RAFERTHYPD	290	>PAX3-R236I HAFERTHYPC	1254	964
>PAX3-R236I RAFERTHY	4	>PAX3-R236I HAFERTHY	12	8
>PAX3-R236I RAFERTHYPD	63	>PAX3-R236I HAFERTHYPC	507	444
>PAX3-R236I RAFERTHY	899	>PAX3-R236I HAFERTHY	56	843
>PAX3-R236I RAFERTHY	97	>PAX3-R236I HAFERTHY	231	134
>PAX3-R236I RAFERTHY	48	>PAX3-R236I HAFERTHY	846	798
>PAX3-R236I RAFERTHYPD	18	>PAX3-R236I HAFERTHYPC	62	44
>PAX3-R236I FTAEQLEELEI	6	>PAX3-R236I FTAEQLEELEI	1720	1714
>PAX3-R236I LERAFERTHY	176	>PAX3-R236I LEHAFERTHY	289	113
>PAX3-R236I LERAFERTHY	81	>PAX3-R236I LEHAFERTHY	143	62
>PAX3-R236I LERAFERTHY	355	>PAX3-R236I LEHAFERTHY	316	39
>PAX3-R236I LERAFERT	503	>PAX3-R236I LEHAFERT	342	161
>PAX3-R236I LERAFERTHY	549	>PAX3-R236I LEHAFERTHY	228	321
>PAX3-R236I LERAFERT	922	>PAX3-R236I LEHAFERT	185	737
>PAX3-R236I ELERAFER	224	>PAX3-R236I ELEHAFER	213	11
>PAX3-R236I ELERAFER	30	>PAX3-R236I ELEHAFER	30	0
>PAX3-R236I EELERAFER	266	>PAX3-R236I EELEHAFER	226	40
>PAX3-R236I EELERAFERTI	1032	>PAX3-R236I EELEHAFERTI	413	619

>PAX3-R236I EELERAFER	611	>PAX3-R236I EELEHAFER	358	253
>PAX3-R236I EELERAFER	852	>PAX3-R236I EELEHAFER	368	484
>PAX3-R236I LEELERAF	314	>PAX3-R236I LEELEHAF	468	154
>PAX3-R236I LEELERAF	53	>PAX3-R236I LEELEHAF	21	32
>PAX3-R236I LEELERAF	1215	>PAX3-R236I LEELEHAF	235	980
>PAX3-R236I QLEELERA	763	>PAX3-R236I QLEELEHA	422	341
>PAX3-R236I QLEELERA	239	>PAX3-R236I QLEELEHA	156	83
>PAX3-R236I QLEELERAFEI	570	>PAX3-R236I QLEELEHAFEI	314	256
>PAX3-R236I QLEELERAF	849	>PAX3-R236I QLEELEHAF	220	629
>PAX3-R236I QLEELERAFEI	841	>PAX3-R236I QLEELEHAFEI	437	404
>PAX3-R236I EQLEELERA	143	>PAX3-R236I EQLEELEHA	63	80
>PAX3-R236I EQLEELERAF	220	>PAX3-R236I EQLEELEHAF	84	136
>PAX3-R236I EQLEELERAF	28	>PAX3-R236I EQLEELEHAF	20	8
>PAX3-R236I AEQLEELERA	1301	>PAX3-R236I AEQLEELEHA	410	891
>PAX3-R236I AEQLEELERA	152	>PAX3-R236I AEQLEELEHA	103	49
>PAX3-R236I AEQLEELERA	167	>PAX3-R236I AEQLEELEHA	161	6
>PAX3-R236I AEQLEELERA	237	>PAX3-R236I AEQLEELEHA	165	72
>PAX3-R236I AEQLEELERA	170	>PAX3-R236I AEQLEELEHA	91	79
>PAX3-R236I AEQLEELERA	247	>PAX3-R236I AEQLEELEHA	107	140
>PAX3-S364I SSYTDSFV	148	>PAX3-S364I ASYTDSFV	154	6
>PAX3-S364I SSYTDSFV	396	>PAX3-S364I ASYTDSFV	544	148
>PAX3-S364I SSYTDSFV	186	>PAX3-S364I ASYTDSFV	556	370
>PAX3-S364I SSYTDSFV	59	>PAX3-S364I ASYTDSFV	520	461
>PAX3-S364I SSYTDSFV	336	>PAX3-S364I ASYTDSFV	2486	2150
>PAX3-S364I SSYTDSFV	842	>PAX3-S364I ASYTDSFV	435	407
>PAX3-S364I SSYTDSFV	462	>PAX3-S364I ASYTDSFV	254	208
>PAX3-S364I SSYTDSFV	165	>PAX3-S364I ASYTDSFV	376	211
>PAX3-S364I FSSYTDSFV	31	>PAX3-S364I FASYTDSFV	14	17
>PAX3-S364I FSSYTDSFV	349	>PAX3-S364I FASYTDSFV	52	297
>PAX3-S364I FSSYTDSFV	99	>PAX3-S364I FASYTDSFV	20	79
>PAX3-S364I FSSYTDSFV	2250	>PAX3-S364I FASYTDSFV	289	1961
>PAX3-S364I FSSYTDSFV	6811	>PAX3-S364I FASYTDSFV	298	6513
>PAX3-S364I FSSYTDSFV	18	>PAX3-S364I FASYTDSFV	19	1
>PAX3-S364I FSSYTDSF	72	>PAX3-S364I FASYTDSF	115	43
>PAX3-S364I FSSYTDSF	12	>PAX3-S364I FASYTDSF	17	5
>PAX3-S364I FSSYTDSF	11	>PAX3-S364I FASYTDSF	50	39
>PAX3-S364I FSSYTDSF	93	>PAX3-S364I FASYTDSF	19	74
>PAX3-S364I FSSYTDSF	1459	>PAX3-S364I FASYTDSF	431	1028
>PAX3-S364I FSSYTDSF	3643	>PAX3-S364I FASYTDSF	247	3396
>PAX3-S364I FSSYTDSF	47	>PAX3-S364I FASYTDSF	104	57
>PAX3-S364I FSSYTDSF	30	>PAX3-S364I FASYTDSF	437	407
>PAX3-S364I FSSYTDSFV	36	>PAX3-S364I FASYTDSFV	297	261
>PAX3-S364I FSSYTDSF	1015	>PAX3-S364I FASYTDSF	365	650

>PAX3-S364# FSSYTDSFV	378	>PAX3-S364# FASYTDSFV	1605	1227
>PAX3-S364# GFSSYTDSFV	315	>PAX3-S364# GFASYTDSFV	348	33
>PAX3-S364# GFSSYTDSFV	1522	>PAX3-S364# GFASYTDSFV	484	1038
>PAX3-S364# GFSSYTDSF	322	>PAX3-S364# GFASYTDSF	143	179
>PAX3-S364# GFSSYTDSF	15	>PAX3-S364# GFASYTDSF	15	0
>PAX3-S364# GFSSYTDSFV	304	>PAX3-S364# GFASYTDSFV	184	120
>PAX3-S364# HGFSSYTDSF'	94	>PAX3-S364# HGFASYTDSF	57	37
>PAX3-S364# HGFSSYTDSF	209	>PAX3-S364# HGFASYTDSF	172	37
>PAX3-S364# HGFSSYTDSF	563	>PAX3-S364# HGFASYTDSF	322	241
>PAX3-S364# HGFSSYTDSF	11	>PAX3-S364# HGFASYTDSF	17	6
>PAX3-S364# HGFSSYTDSF	303	>PAX3-S364# HGFASYTDSF	219	84
>PAX3-S364# HGFSSYTDSF'	438	>PAX3-S364# HGFASYTDSF	1469	1031
>PAX3-S364# RHGFSSYTDS	333	>PAX3-S364# RHGFASYTDS	212	121
>PAX3-S364# RHGFSSYTDS	470	>PAX3-S364# RHGFASYTDS	365	105
>PAX3-S364# RHGFSSYTDS	36	>PAX3-S364# RHGFASYTDS	79	43
>PAX3-S364# RHGFSSYTDS	415	>PAX3-S364# RHGFASYTDS	588	173
>PAX3-S364# TRHGFSSY	440	>PAX3-S364# TRHGFASY	451	11
>PAX3-S364# TRHGFSSY	390	>PAX3-S364# TRHGFASY	926	536
>PAX3-S364# TRHGFSSY	102	>PAX3-S364# TRHGFASY	220	118
>PAX3-S364# TRHGFSSY	407	>PAX3-S364# TRHGFASY	267	140
>PAX3-S364# STRHGFSSY	439	>PAX3-S364# STRHGFASY	579	140
>PAX3-S364# STRHGFSSY	21	>PAX3-S364# STRHGFASY	21	0
>PAX3-S364# STRHGFSSY	43	>PAX3-S364# STRHGFASY	43	0
>PAX3-S364# STRHGFSSY	24	>PAX3-S364# STRHGFASY	21	3
>PAX3-S364# STRHGFSSY	17	>PAX3-S364# STRHGFASY	18	1
>PAX3-S364# STRHGFSSY	43	>PAX3-S364# STRHGFASY	33	10
>PAX3-S364# STRHGFSS	36	>PAX3-S364# STRHGFAS	41	5
>PAX3-S364# STRHGFSSY	13	>PAX3-S364# STRHGFASY	9	4
>PAX3-S364# STRHGFSSYT	22	>PAX3-S364# STRHGFASYT	31	9
>PAX3-S364# STRHGFSSYTI	254	>PAX3-S364# STRHGFASYT	209	45
>PAX3-S364# STRHGFSSY	12	>PAX3-S364# STRHGFASY	11	1
>PAX3-S364# STRHGFSSY	131	>PAX3-S364# STRHGFASY	218	87
>PAX3-S364# STRHGFSSY	28	>PAX3-S364# STRHGFASY	29	1
>PAX3-S364# STRHGFSSY	117	>PAX3-S364# STRHGFASY	258	141
>PAX3-S364# STRHGFSSY	33	>PAX3-S364# STRHGFASY	69	36
>PAX3-S364# STRHGFSSY	4	>PAX3-S364# STRHGFASY	3	1
>PAX3-S364# STRHGFSSY	2	>PAX3-S364# STRHGFASY	4	2
>PAX3-S364# STRHGFSSYT	490	>PAX3-S364# STRHGFASYT	1442	952
>PAX3-S364# PSTRHGFSSY	381	>PAX3-S364# PSTRHGFASY	297	84
>PAX3-S364# PSTRHGFSSY	289	>PAX3-S364# PSTRHGFASY	249	40
>PAX3-S364# PSTRHGFSSY	223	>PAX3-S364# PSTRHGFASY	270	47
>PAX3-S364# LPSTRHGFSS'	368	>PAX3-S364# LPSTRHGFAS'	350	18
>PAX3-S364# LPSTRHGFSS'	18	>PAX3-S364# LPSTRHGFAS'	19	1

>PAX3-S364/LPSTRHGFSS'	90	>PAX3-S364/LPSTRHGFAS'	82	8
>PAX3-S364/LPSTRHGFS	3151	>PAX3-S364/LPSTRHGFA	146	3005
>PAX3-S364/LPSTRHGFSS'	88	>PAX3-S364/LPSTRHGFAS'	541	453
>PAX3-S364/LPSTRHGFSS'	181	>PAX3-S364/LPSTRHGFAS'	126	55
>PAX3-S364/LPSTRHGFSS'	230	>PAX3-S364/LPSTRHGFAS'	192	38
>PAX3-S364/CLPSTRHGFS	10812	>PAX3-S364/CLPSTRHGFA	491	10321
>PAX3-Y354FYCLPSTRHGF	379	>PAX3-Y354FCLPSTRHGF	522	143
>PAX3-Y354FYCLPSTRHGF	47	>PAX3-Y354FCLPSTRHGF	53	6
>PAX3-Y354FYCLPSTRHGF	210	>PAX3-Y354FCLPSTRHGF	497	287
>PAX3-Y354FAYCLPSTRHG	14	>PAX3-Y354FAFCLPSTRHG	131	117
>PAX3-Y354FAYCLPSTR	93	>PAX3-Y354FAFCLPSTR	52	41
>PAX3-Y354FAYCLPSTR	239	>PAX3-Y354FAFCLPSTR	275	36
>PAX3-Y354FAYCLPSTR	230	>PAX3-Y354FAFCLPSTR	638	408
>PAX3-Y354FIPSNPDSSSA\	26071	>PAX3-Y354FIPSNPDSSSAF	382	25689
>PAX3-Y354FIPSNPDSSSA\	344	>PAX3-Y354FIPSNPDSSSAF	17893	17549
>PAX3-Y354FIPSNPDSSSA\	492	>PAX3-Y354FIPSNPDSSSAF	18	474
>PAX3-Y354FIPSNPDSSSA\	96	>PAX3-Y354FIPSNPDSSSAF	238	142
>PAX3-Y354FIPSNPDSSSA\	130	>PAX3-Y354FIPSNPDSSSAF	26	104
>PAX3-Y354FIPSNPDSSSA\	8	>PAX3-Y354FIPSNPDSSSAF	12	4
>PAX3-Y354FIPSNPDSSSA\	96	>PAX3-Y354FIPSNPDSSSAF	115	19
>PAX3-Y354FIPSNPDSSSA\	30	>PAX3-Y354FIPSNPDSSSAF	43	13
>PAX3-Y354FIPSNPDSSSA\	8	>PAX3-Y354FIPSNPDSSSAF	15	7
>PAX3-Y354FIPSNPDSSSA\	224	>PAX3-Y354FIPSNPDSSSAF	63	161
>PAX3-Y354FSAYCLPSTR	312	>PAX3-Y354FAFCLPSTR	202	110
>PAX3-Y354FSAYCLPSTR	52	>PAX3-Y354FAFCLPSTR	43	9
>PAX3-Y354FSAYCLPSTR	347	>PAX3-Y354FAFCLPSTR	236	111
>PAX3-Y354FSAYCLPSTR	22	>PAX3-Y354FAFCLPSTR	12	10
>PAX3-Y354FSAYCLPSTR	445	>PAX3-Y354FAFCLPSTR	169	276
>PAX3-Y354FSAYCLPSTR	462	>PAX3-Y354FAFCLPSTR	217	245
>PAX3-Y354FSAYCLPSTR	460	>PAX3-Y354FAFCLPSTR	315	145
>PAX3-Y354FSSAYCLPSTR	94	>PAX3-Y354FSSAFCLPSTR	61	33
>PAX3-Y354FSSAYCLPSTR	82	>PAX3-Y354FSSAFCLPSTR	37	45
>PAX3-Y354FSSAYCLPSTR	13	>PAX3-Y354FSSAFCLPSTR	8	5
>PAX3-Y354FSSAYCLPSTR†	54	>PAX3-Y354FSSAFCLPSTR†	59	5
>PAX3-Y354FSSAYCLPSTR	163	>PAX3-Y354FSSAFCLPSTR	159	4
>PAX3-Y354FSSAYCLPSTR†	102	>PAX3-Y354FSSAFCLPSTR	68	34
>PAX3-Y354FSSAYCLPSTR†	72	>PAX3-Y354FSSAFCLPSTR	76	4
>PAX3-Y354FSSAYCLPSTR†	33	>PAX3-Y354FSSAFCLPSTR	22	11
>PAX3-Y354FSSAYCLPST	666	>PAX3-Y354FSSAFCLPST	339	327
>PAX3-Y354FSSAYCLPSTR†	646	>PAX3-Y354FSSAFCLPSTR†	466	180
>PAX3-Y354FSSAYCLPSTR†	198	>PAX3-Y354FSSAFCLPSTR†	159	39
>PAX3-Y354FPDSSSAFCL	103	>PAX3-Y354FPDSSSAFCL	85	18
>PAX3-Y354FNPDSSSAFCL	1345	>PAX3-Y354FNPDSSSAFCL	399	946

>PAX3-Y354F NPDSSSAY	2828	>PAX3-Y354F NPDSSSAF	59	2769
>PAX3-Y354F NPDSSSAYCL	319	>PAX3-Y354F NPDSSSAFCL	547	228
>PAX3-Y354F NPDSSSAY	395	>PAX3-Y354F NPDSSSAF	1077	682
>PAX3-Y354F NPDSSSAY	10	>PAX3-Y354F NPDSSSAF	15	5
>PAX3-Y354F NPDSSSAY	7596	>PAX3-Y354F NPDSSSAF	261	7335
>PAX3-Y354F NPDSSSAYCL	14	>PAX3-Y354F NPDSSSAFCL	13	1
>PAX3-Y354F NPDSSSAY	153	>PAX3-Y354F NPDSSSAF	218	65
>PAX3-Y354F NPDSSSAY	9	>PAX3-Y354F NPDSSSAF	19	10
>PAX3-Y354F NPDSSSAY	673	>PAX3-Y354F NPDSSSAF	187	486
>PAX3-Y354F SNPDSSSAY	221	>PAX3-Y354F SNPDSSSAF	266	45
>PAX3-Y354F SNPDSSSAY	142	>PAX3-Y354F SNPDSSSAF	360	218
>PAX3-Y354F SNPDSSSAY	700	>PAX3-Y354F SNPDSSSAF	141	559
>PAX3-Y354F SNPDSSSAYC	247	>PAX3-Y354F SNPDSSSAFC	292	45
>PAX3-Y354F PSNPDSSSAY	374	>PAX3-Y354F PSNPDSSSAF	477	103
>PAX3-Y354F PSNPDSSSAY	206	>PAX3-Y354F PSNPDSSSAF	50	156
>PAX3-Y354F PSNPDSSSAY	124	>PAX3-Y354F PSNPDSSSAF	62	62
>PAX5-Y346C YSHPQYSSY	28	>PAX5-Y346C CSHPQYSSY	1713	1685
>PAX5-Y346C YSHPQYSSY	147	>PAX5-Y346C CSHPQYSSY	3132	2985
>PAX5-Y346C YSHPQYSSY	105	>PAX5-Y346C CSHPQYSSY	815	710
>PAX5-Y346C YSHPQYSSY	38	>PAX5-Y346C CSHPQYSSY	341	303
>PAX5-Y346C YSHPQYSSY	315	>PAX5-Y346C CSHPQYSSY	253	62
>PAX5-Y346C YSHPQYSSY	86	>PAX5-Y346C CSHPQYSSY	54	32
>PAX5-Y346C YSHPQYSSY	37	>PAX5-Y346C CSHPQYSSY	202	165
>PAX5-Y346C YSHPQYSSY	204	>PAX5-Y346C CSHPQYSSY	5319	5115
>PAX5-Y346C YSHPQYSSY	6	>PAX5-Y346C CSHPQYSSY	23	17
>PAX5-Y346C YSHPQYSSY	3	>PAX5-Y346C CSHPQYSSY	8	5
>PAX5-Y346C YSHPQYSSY	71	>PAX5-Y346C CSHPQYSSY	682	611
>PAX5-Y346C YSHPQYSSY	6	>PAX5-Y346C CSHPQYSSY	103	97
>PAX5-Y346C PYSHPQYSSY	366	>PAX5-Y346C PCSHPQYSSY	546	180
>PAX5-Y346C PYSHPQYSSY	162	>PAX5-Y346C PCSHPQYSSY	2524	2362
>PAX5-Y346C PYSHPQYSSY	47	>PAX5-Y346C PCSHPQYSSY	189	142
>PAX5-Y346C VPGSEFSGSP	19	>PAX5-Y346C VPGSEFSGSP	4883	4864
>PAX5-Y346C VPGSEFSGSP	461	>PAX5-Y346C VPGSEFSGSP	18999	18538
>PAX5-Y346C VPGSEFSGSP	378	>PAX5-Y346C VPGSEFSGSP	35243	34865
>PAX5-Y346C SPYSHQPQY	158	>PAX5-Y346C SPCSHQPQY	800	642
>PAX5-Y346C SPYSHQPQYSS'	288	>PAX5-Y346C SPCSHQPQYSS'	1449	1161
>PAX5-Y346C SPYSHQPQY	421	>PAX5-Y346C SPCSHQPQY	4775	4354
>PAX5-Y346C SPYSHQPQYSS'	122	>PAX5-Y346C SPCSHQPQYSS'	1347	1225
>PAX5-Y346C SPYSHQPQY	412	>PAX5-Y346C SPCSHQPQY	3759	3347
>PAX5-Y346C SPYSHQPQYSS'	48	>PAX5-Y346C SPCSHQPQYSS'	667	619
>PAX5-Y346C SPYSHQPQY	18	>PAX5-Y346C SPCSHQPQY	92	74
>PAX5-Y346C SPYSHQPQYSS'	15	>PAX5-Y346C SPCSHQPQYSS'	41	26
>PAX5-Y346C SPYSHQPQY	345	>PAX5-Y346C SPCSHQPQY	3438	3093

>PAX5-Y346C SPYSHQPQYSS'	132	>PAX5-Y346C SPCSHQPQYSS'	1638	1506
>PAX5-Y346C SPYSHQPQYSS	232	>PAX5-Y346C SPCSHQPQYSS	2139	1907
>PAX5-Y346C SPYSHQPQYSS'	125	>PAX5-Y346C SPCSHQPQYSS'	461	336
>PAX5-Y346C SPYSHQPQY	140	>PAX5-Y346C SPCSHQPQY	3232	3092
>PAX5-Y346C SPYSHQPQYSS'	47	>PAX5-Y346C SPCSHQPQYSS'	883	836
>PAX5-Y346C SPYSHQPQY	395	>PAX5-Y346C SPCSHQPQY	4222	3827
>PAX5-Y346C SPYSHQPQYSS'	183	>PAX5-Y346C SPCSHQPQYSS'	1646	1463
>PAX5-Y346C GSPYSHQPQY	321	>PAX5-Y346C GSPCSHPQY	3684	3363
>PAX5-Y346C GSPYSHQPQY	190	>PAX5-Y346C GSPCSHPQY	343	153
>PAX5-Y346C GSPYSHQPQY	216	>PAX5-Y346C GSPCSHPQY	1535	1319
>PAX5-Y346C GSPYSHQPQY	53	>PAX5-Y346C GSPCSHPQY	45	8
>PAX5-Y346C GSPYSHQPQ	488	>PAX5-Y346C GSPCSHPQ	2767	2279
>PAX5-Y346C GSPYSHQPQY	216	>PAX5-Y346C GSPCSHPQY	481	265
>PAX5-Y346C GSPYSHQPQY	236	>PAX5-Y346C GSPCSHPQY	326	90
>PAX5-Y346C SGSPYSHQPQY	307	>PAX5-Y346C SGSPCSHPQY	436	129
>PAX5-Y346C SGSPYSHQPQY	413	>PAX5-Y346C SGSPCSHPQY	682	269
>PAX5-Y346C SGSPYSHQPQY	239	>PAX5-Y346C SGSPCSHPQY	310	71
>PAX5-Y346C SGSPYSHQPQY	62	>PAX5-Y346C SGSPCSHPQY	122	60
>PAX5-Y346C SGSPYSHQPQY	445	>PAX5-Y346C SGSPCSHPQY	637	192
>PAX5-Y346C FSGSPYSHQPQ	189	>PAX5-Y346C FSGSPCSHPQ	357	168
>PAX5-Y346C FSGSPYSHQPQ	31	>PAX5-Y346C FSGSPCSHPQ	39	8
>PAX5-Y346C FSGSPYSHQPQ	324	>PAX5-Y346C FSGSPCSHPQ	322	2
>PAX5-Y346C FSGSPYSHQPQ	105	>PAX5-Y346C FSGSPCSHPQ	94	11
>PAX5-Y346C FSGSPYSHQPQ	71	>PAX5-Y346C FSGSPCSHPQ	120	49
>PAX5-Y346C FSGSPYSHQPQ	12	>PAX5-Y346C FSGSPCSHPQ	14	2
>PAX5-Y346C FSGSPYSHQPQ	447	>PAX5-Y346C FSGSPCSHPQ	1123	676
>PAX5-Y346C FSGSPYSHQPQ	29	>PAX5-Y346C FSGSPCSHPQ	25	4
>PAX5-Y346C SEFSGSPY	299	>PAX5-Y346C SEFSGSPC	25695	25396
>PAX5-Y346C SEFSGSPY	262	>PAX5-Y346C SEFSGSPC	28165	27903
>PAX5-Y346C SEFSGSPY	48	>PAX5-Y346C SEFSGSPC	11290	11242
>PAX5-Y346C SEFSGSPY	37	>PAX5-Y346C SEFSGSPC	11514	11477
>PAX5-Y346C SEFSGSPY	13	>PAX5-Y346C SEFSGSPC	3052	3039
>PAX5-Y346C SEFSGSPY	15	>PAX5-Y346C SEFSGSPC	2697	2682
>PAX5-Y346C SEFSGSPY	1964	>PAX5-Y346C SEFSGSPC	339	1625
>PAX5-Y346C SEFSGSPY	731	>PAX5-Y346C SEFSGSPC	215	516
>PAX5-Y346C SEFSGSPYS	483	>PAX5-Y346C SEFSGSPCS	368	115
>PAX5-Y346C SEFSGSPY	259	>PAX5-Y346C SEFSGSPC	4415	4156
>PAX5-Y346C SEFSGSPY	52	>PAX5-Y346C SEFSGSPC	2202	2150
>PAX5-Y346C SEFSGSPY	1664	>PAX5-Y346C SEFSGSPC	398	1266
>PAX5-Y346C SEFSGSPYS	247	>PAX5-Y346C SEFSGSPCS	109	138
>PAX5-Y346C GSEFSGSPY	90	>PAX5-Y346C GSEFSGSPC	20083	19993
>PAX5-Y346C GSEFSGSPY	221	>PAX5-Y346C GSEFSGSPC	27869	27648
>PAX5-Y346C GSEFSGSPY	199	>PAX5-Y346C GSEFSGSPC	16942	16743



>PAX5-Y346C GSEFSGSPY	6	>PAX5-Y346C GSEFSGSPC	8076	8070
>PAX5-Y346C GSEFSGSPY	6	>PAX5-Y346C GSEFSGSPC	1936	1930
>PAX5-Y346C GSEFSGSPYSI	449	>PAX5-Y346C GSEFSGSPCSI	615	166
>PAX5-Y346C GSEFSGSPY	431	>PAX5-Y346C GSEFSGSPC	38855	38424
>PAX7-V60L- VEMAHHGI	145	>PAX7-V60L- LEMAHHGI	113	32
>PAX7-V60L- VEMAHHGI	619	>PAX7-V60L- LEMAHHGI	194	425
>PAX7-V60L- VEMAHHGI	49	>PAX7-V60L- LEMAHHGI	34	15
>PAX7-V60L- VEMAHHGI	147	>PAX7-V60L- LEMAHHGI	119	28
>PAX7-V60L- VEMAHHGIR	414	>PAX7-V60L- LEMAHHGIRI	276	138
>PAX7-V60L- VEMAHHGI	185	>PAX7-V60L- LEMAHHGI	255	70
>PAX7-V60L- VEMAHHGIR	454	>PAX7-V60L- LEMAHHGIRI	612	158
>PAX7-V60L- VEMAHHGI	91	>PAX7-V60L- LEMAHHGI	44	47
>PAX7-V60L- VEMAHHGIR	206	>PAX7-V60L- LEMAHHGIRI	236	30
>PAX7-V60L- IVEMAHHGI	7879	>PAX7-V60L- ILEMAHHGI	216	7663
>PAX7-V60L- IVEMAHHGI	5461	>PAX7-V60L- ILEMAHHGI	73	5388
>PAX7-V60L- IVEMAHHGI	11348	>PAX7-V60L- ILEMAHHGI	316	11032
>PAX7-V60L- IVEMAHHGI	1838	>PAX7-V60L- ILEMAHHGI	9	1829
>PAX7-V60L- PLPNHIRHKI\	291	>PAX7-V60L- PLPNHIRHKIL	3334	3043
>PAX7-V60L- PLPNHIRHKI\	46	>PAX7-V60L- PLPNHIRHKIL	884	838
>PAX7-V60L- KIVEMAHHG	2954	>PAX7-V60L- KILEMAHHGI	443	2511
>PAX7-V60L- KIVEMAHHG	383	>PAX7-V60L- KILEMAHHGI	270	113
>PAX7-V60L- KIVEMAHHG	430	>PAX7-V60L- KILEMAHHGI	181	249
>PAX7-V60L- KIVEMAHHG	56	>PAX7-V60L- KILEMAHHGI	10	46
>PAX7-V60L- KIVEMAHHG	137	>PAX7-V60L- KILEMAHHGI	27	110
>PAX7-V60L- KIVEMAHHG	317	>PAX7-V60L- KILEMAHHGI	35	282
>PAX7-V60L- KIVEMAHHG	1663	>PAX7-V60L- KILEMAHHGI	38	1625
>PAX7-V60L- KIVEMAHHG	88	>PAX7-V60L- KILEMAHHGI	44	44
>PAX7-V60L- KIVEMAHHG	1478	>PAX7-V60L- KILEMAHHGI	310	1168
>PAX7-V60L- KIVEMAHHG	60	>PAX7-V60L- KILEMAHHGI	29	31
>PAX7-V60L- KIVEMAHHG	87	>PAX7-V60L- KILEMAHHGI	26	61
>PAX7-V60L- KIVEMAHHG	249	>PAX7-V60L- KILEMAHHGI	59	190
>PAX7-V60L- KIVEMAHHG	47	>PAX7-V60L- KILEMAHHGI	33	14
>PAX7-V60L- HKIVEMAH	358	>PAX7-V60L- HKILEMAH	764	406
>PAX7-V60L- HKIVEMAHH	428	>PAX7-V60L- HKILEMAHHC	962	534
>PAX7-V60L- IRHKIVEM	89	>PAX7-V60L- IRHKILEM	178	89
>PAX7-V60L- IRHKIVEM	108	>PAX7-V60L- IRHKILEM	100	8
>PAX7-V60L- IRHKIVEM	615	>PAX7-V60L- IRHKILEM	323	292
>PAX7-V60L- HIRHKIVE	740	>PAX7-V60L- HIRHKILE	381	359
>PAX7-V60L- HIRHKIVEM	25	>PAX7-V60L- HIRHKILEM	15	10
>PAX7-V60L- HIRHKIVEMA	63	>PAX7-V60L- HIRHKILEMA	54	9
>PAX7-V60L- HIRHKIVEMA	223	>PAX7-V60L- HIRHKILEMA	174	49
>PAX7-V60L- HIRHKIVEM	314	>PAX7-V60L- HIRHKILEM	183	131
>PAX7-V60L- HIRHKIVEM	326	>PAX7-V60L- HIRHKILEM	111	215

>PAX7-V60L- NHIRHKIV	1055	>PAX7-V60L- NHIRHKIL	319	736
>PAX7-V60L- NHIRHKIV	1446	>PAX7-V60L- NHIRHKIL	66	1380
>PAX7-V60L- NHIRHKIVEM	213	>PAX7-V60L- NHIRHKILEM	372	159
>PAX7-V60L- LPNHIRHKIV	165	>PAX7-V60L- LPNHIRHKIL	112	53
>PAX7-V60L- LPNHIRHKIV	32	>PAX7-V60L- LPNHIRHKIL	1287	1255
>PAX7-V60L- LPNHIRHKIVE	449	>PAX7-V60L- LPNHIRHKILE	317	132
>PAX7-V60L- LPNHIRHKIV	2814	>PAX7-V60L- LPNHIRHKIL	465	2349
>PBRM1-A59 ARHYNEEGSC	421	>PBRM1-A59 DRHYNEEGSC	4847	4426
>PBRM1-A59 MFRNARHY	35	>PBRM1-A59 MFRNDRHY	36	1
>PBRM1-A59 MFRNARHY	23	>PBRM1-A59 MFRNDRHY	181	158
>PBRM1-A59 MFRNARHYN	20	>PBRM1-A59 MFRNDRHYN	395	375
>PBRM1-A59 MFRNARHYN	138	>PBRM1-A59 MFRNDRHYN	1090	952
>PBRM1-A59 MFRNARHYN	192	>PBRM1-A59 MFRNDRHYN	1263	1071
>PBRM1-A59 MFRNARHY	372	>PBRM1-A59 MFRNDRHY	271	101
>PBRM1-A59 MFRNARHY	292	>PBRM1-A59 MFRNDRHY	490	198
>PBRM1-A59 MFRNARHY	441	>PBRM1-A59 MFRNDRHY	509	68
>PBRM1-A59 MFRNARHYN	364	>PBRM1-A59 MFRNDRHYN	670	306
>PBRM1-A59 LMFRNARHY	465	>PBRM1-A59 LMFRNDRHY	686	221
>PBRM1-A59 LMFRNARHY	230	>PBRM1-A59 LMFRNDRHY	2156	1926
>PBRM1-A59 LMFRNARHY	18	>PBRM1-A59 LMFRNDRHY	25	7
>PBRM1-A59 LMFRNARHY	74	>PBRM1-A59 LMFRNDRHY	57	17
>PBRM1-A59 LMFRNARHY	341	>PBRM1-A59 LMFRNDRHY	1999	1658
>PBRM1-A59 LMFRNARHY	37	>PBRM1-A59 LMFRNDRHY	33	4
>PBRM1-A59 LMFRNARHY	104	>PBRM1-A59 LMFRNDRHY	69	35
>PBRM1-A59 LMFRNARH	365	>PBRM1-A59 LMFRNDRH	1456	1091
>PBRM1-A59 LMFRNARHY	4	>PBRM1-A59 LMFRNDRHY	8	4
>PBRM1-A59 LMFRNARHY	214	>PBRM1-A59 LMFRNDRHY	733	519
>PBRM1-A59 KLMFRNAR	78	>PBRM1-A59 KLMFRNDR	206	128
>PBRM1-A59 KLMFRNARH	103	>PBRM1-A59 KLMFRNDRH	1042	939
>PBRM1-A59 KLMFRNARH	21	>PBRM1-A59 KLMFRNDRH	50	29
>PBRM1-A59 KLMFRNAR	224	>PBRM1-A59 KLMFRNDR	673	449
>PBRM1-A59 KLMFRNARH	481	>PBRM1-A59 KLMFRNDRH	561	80
>PBRM1-A59 KLMFRNARH	84	>PBRM1-A59 KLMFRNDRH	74	10
>PBRM1-A59 KLMFRNAR	9	>PBRM1-A59 KLMFRNDR	26	17
>PBRM1-A59 KLMFRNARH	467	>PBRM1-A59 KLMFRNDRH	4271	3804
>PBRM1-A59 KLMFRNARH	229	>PBRM1-A59 KLMFRNDRH	616	387
>PBRM1-A59 KLMFRNARH	389	>PBRM1-A59 KLMFRNDRH	712	323
>PBRM1-A59 KLMFRNAR	433	>PBRM1-A59 KLMFRNDR	2038	1605
>PBRM1-A59 KLMFRNARH	41	>PBRM1-A59 KLMFRNDRH	91	50
>PBRM1-A59 KLMFRNARH	75	>PBRM1-A59 KLMFRNDRH	92	17
>PBRM1-A59 KLMFRNARH	185	>PBRM1-A59 KLMFRNDRH	638	453
>PBRM1-A59 KLMFRNARH	152	>PBRM1-A59 KLMFRNDRH	781	629
>PBRM1-A59 KLMFRNAR	40	>PBRM1-A59 KLMFRNDR	65	25

>PBRM1-A59 MKLMFRNAF	297	>PBRM1-A59 MKLMFRNDF	2548	2251
>PBRM1-A59 MKLMFRNAF	342	>PBRM1-A59 MKLMFRNDF	1508	1166
>PBRM1-A59 MKLMFRNAF	294	>PBRM1-A59 MKLMFRNDF	553	259
>PBRM1-A59 MKLMFRNA	106	>PBRM1-A59 MKLMFRND	3132	3026
>PBRM1-A59 MKLMFRNAF	34	>PBRM1-A59 MKLMFRNDF	114	80
>PBRM1-A59 MKLMFRNAF	206	>PBRM1-A59 MKLMFRNDF	665	459
>PBRM1-A59 MKLMFRNAF	4	>PBRM1-A59 MKLMFRNDF	6	2
>PBRM1-A59 MKLMFRNAF	195	>PBRM1-A59 MKLMFRNDF	285	90
>PBRM1-A59 DMKLMFRN/	17	>PBRM1-A59 DMKLMFRN/	28	11
>PBRM1-A59 DMKLMFRN/	32	>PBRM1-A59 DMKLMFRN/	98	66
>PBRM1-A59 DMKLMFRN/	433	>PBRM1-A59 DMKLMFRN/	944	511
>PBRM1-A59 EDMKLMFRN	95	>PBRM1-A59 EDMKLMFRN	154	59
>PBRM1-D12 DDEIYYFRKPI	199	>PBRM1-D12 GDEIYYFRKPI	246	47
>PBRM1-D12 DDEIYYFR	440	>PBRM1-D12 GDEIYYFR	4918	4478
>PBRM1-D12 DDEIYYFRKPI	12434	>PBRM1-D12 GDEIYYFRKPI	293	12141
>PBRM1-D12 DDEIYYFRKPI	435	>PBRM1-D12 GDEIYYFRKPI	166	269
>PBRM1-D12 VDDEIYYFR	2582	>PBRM1-D12 VGDEIYYFR	97	2485
>PBRM1-D12 VDDEIYYFR	713	>PBRM1-D12 VGDEIYYFR	176	537
>PBRM1-D12 KRFSLSAKVVI	723	>PBRM1-D12 KRFSLSAKVVI	492	231
>PBRM1-D12 KRFSLSAKVVI	524	>PBRM1-D12 KRFSLSAKVVI	383	141
>PBRM1-D12 VVDDEIYY	44	>PBRM1-D12 VVGDEIYY	4905	4861
>PBRM1-D12 VVDDEIYYF	58	>PBRM1-D12 VVGDEIYYF	384	326
>PBRM1-D12 VVDDEIYYF	217	>PBRM1-D12 VVGDEIYYF	675	458
>PBRM1-D12 VVDDEIYY	382	>PBRM1-D12 VVGDEIYY	437	55
>PBRM1-D12 VVDDEIYYFR	106	>PBRM1-D12 VVGDEIYYFR	132	26
>PBRM1-D12 VVDDEIYYFRI	11	>PBRM1-D12 VVGDEIYYFRI	12	1
>PBRM1-D12 VVDDEIYYF	995	>PBRM1-D12 VVGDEIYYF	187	808
>PBRM1-D12 VVDDEIYY	3521	>PBRM1-D12 VVGDEIYY	264	3257
>PBRM1-D12 VVDDEIYYF	2962	>PBRM1-D12 VVGDEIYYF	191	2771
>PBRM1-D12 VVDDEIYY	309	>PBRM1-D12 VVGDEIYY	36	273
>PBRM1-D12 VVDDEIYYF	1409	>PBRM1-D12 VVGDEIYYF	228	1181
>PBRM1-D12 VVDDEIYY	203	>PBRM1-D12 VVGDEIYY	86	117
>PBRM1-D12 VVDDEIYYFR	54	>PBRM1-D12 VVGDEIYYFR	32	22
>PBRM1-D12 VVDDEIYYFR	104	>PBRM1-D12 VVGDEIYYFR	68	36
>PBRM1-D12 VVDDEIYYFR	25	>PBRM1-D12 VVGDEIYYFR	26	1
>PBRM1-D12 VVDDEIYYFRI	877	>PBRM1-D12 VVGDEIYYFRI	446	431
>PBRM1-D12 VVDDEIYY	245	>PBRM1-D12 VVGDEIYY	45	200
>PBRM1-D12 VVDDEIYYFR	132	>PBRM1-D12 VVGDEIYYFR	52	80
>PBRM1-D12 KVVDDEIYY	196	>PBRM1-D12 KVVGDEIYY	454	258
>PBRM1-D12 KVVDDEIYYFI	52	>PBRM1-D12 KVVGDEIYYFI	84	32
>PBRM1-D12 KVVDDEIY	56	>PBRM1-D12 KVVGDEIY	32	24
>PBRM1-D12 KVVDDEIYY	26	>PBRM1-D12 KVVGDEIYY	14	12
>PBRM1-D12 KVVDDEIYYF	29	>PBRM1-D12 KVVGDEIYYF	18	11

>PBRM1-D12KVVDDEIY	408	>PBRM1-D12KVVGDEIY	358	50
>PBRM1-D12KVVDDEIYY	78	>PBRM1-D12KVVGDEIYY	95	17
>PBRM1-D12KVVDDEIY	136	>PBRM1-D12KVVGDEIY	144	8
>PBRM1-D12KVVDDEIYY	86	>PBRM1-D12KVVGDEIYY	91	5
>PBRM1-D12KVVDDEIYYFI	16	>PBRM1-D12KVVGDEIYYFI	20	4
>PBRM1-D12KVVDDEIYYF	391	>PBRM1-D12KVVGDEIYYF	140	251
>PBRM1-D12KVVDDEIYYFI	28	>PBRM1-D12KVVGDEIYYFI	35	7
>PBRM1-D12KVVDDEIY	538	>PBRM1-D12KVVGDEIY	487	51
>PBRM1-D12KVVDDEIYY	262	>PBRM1-D12KVVGDEIYY	285	23
>PBRM1-D12KVVDDEIYY	167	>PBRM1-D12KVVGDEIYY	299	132
>PBRM1-D12KVVDDEIYYF	71	>PBRM1-D12KVVGDEIYYF	110	39
>PBRM1-D12KVVDDEIYYF	1171	>PBRM1-D12KVVGDEIYYF	435	736
>PBRM1-D12KVVDDEIY	667	>PBRM1-D12KVVGDEIY	344	323
>PBRM1-D12KVVDDEIYY	447	>PBRM1-D12KVVGDEIYY	241	206
>PBRM1-D12KVVDDEIYYF	52	>PBRM1-D12KVVGDEIYYF	40	12
>PBRM1-D12KVVDDEIYY	2402	>PBRM1-D12KVVGDEIYY	283	2119
>PBRM1-D12KVVDDEIYYFI	17	>PBRM1-D12KVVGDEIYYFI	19	2
>PBRM1-D12AKVVDDEI	758	>PBRM1-D12AKVVGDEI	426	332
>PBRM1-D12AKVVDDEIY	59	>PBRM1-D12AKVVGDEIY	52	7
>PBRM1-D12AKVVDDEIYY	41	>PBRM1-D12AKVVGDEIYY	42	1
>PBRM1-D12AKVVDDEIYY	10	>PBRM1-D12AKVVGDEIYY	9	1
>PBRM1-D12SAKVVDDEIY'	173	>PBRM1-D12SAKVVGDEIY'	206	33
>PBRM1-D12SAKVVDDEIY	942	>PBRM1-D12SAKVVGDEIY	463	479
>PBRM1-D12SAKVVDDEI	534	>PBRM1-D12SAKVVGDEI	491	43
>PBRM1-D12LSAKVVDDEI'	110	>PBRM1-D12LSAKVVGDEI'	99	11
>PBRM1-D12LSAKVVDDEI'	145	>PBRM1-D12LSAKVVGDEI'	72	73
>PBRM1-D12LSAKVVDDEI'	229	>PBRM1-D12LSAKVVGDEI'	132	97
>PBRM1-D12LSAKVVDDEI'	212	>PBRM1-D12LSAKVVGDEI'	70	142
>PBRM1-D12LSAKVVDDEI'	415	>PBRM1-D12LSAKVVGDEI'	552	137
>PBRM1-D12LSAKVVDDEI	89	>PBRM1-D12LSAKVVGDEI	231	142
>PBRM1-D12LSAKVVDDEI'	37	>PBRM1-D12LSAKVVGDEI'	40	3
>PBRM1-D12LSAKVVDDEI'	44	>PBRM1-D12LSAKVVGDEI'	23	21
>PBRM1-D12LSAKVVDDEI	1643	>PBRM1-D12LSAKVVGDEI	380	1263
>PBRM1-D12SLSAKVVDDE	171	>PBRM1-D12SLSAKVVGDE	169	2
>PBRM1-D12SLSAKVVDDE	12	>PBRM1-D12SLSAKVVGDE	9	3
>PBRM1-D12SLSAKVVDDE	48	>PBRM1-D12SLSAKVVGDE	23	25
>PBRM1-D12SLSAKVVDDE	35	>PBRM1-D12SLSAKVVGDE	14	21
>PBRM1-D12SLSAKVVDDE	102	>PBRM1-D12SLSAKVVGDE	74	28
>PBRM1-D12SLSAKVVDDE	22	>PBRM1-D12SLSAKVVGDE	19	3
>PBRM1-D12SLSAKVVDDE	951	>PBRM1-D12SLSAKVVGDE	472	479
>PBRM1-D12SLSAKVVDDE	34	>PBRM1-D12SLSAKVVGDE	25	9
>PBRM1-D67DKRGRRLSA	698	>PBRM1-D67EKRGRRLSA	249	449
>PBRM1-D67DKRGRRLSAI	1735	>PBRM1-D67EKRGRRLSAI	460	1275

>PBRM1-D67DKRGRRLSAIF	123	>PBRM1-D67EKRGRRLSAIF	28	95
>PBRM1-D67TDKRGRRL	1622	>PBRM1-D67TEKRGRRL	18	1604
>PBRM1-D67TDKRGRRLSA	868	>PBRM1-D67TEKRGRRLSA	19	849
>PBRM1-D67TDKRGRRLSA	2646	>PBRM1-D67TEKRGRRLSA	221	2425
>PBRM1-D67TDKRGRRLSA	1374	>PBRM1-D67TEKRGRRLSA	24	1350
>PBRM1-D67YTDKRGRRLS	471	>PBRM1-D67YTEKRGRRLS	4068	3597
>PBRM1-D67YTDKRGRR	144	>PBRM1-D67YTEKRGRR	56	88
>PBRM1-D67YTDKRGRRL	25	>PBRM1-D67YTEKRGRRL	29	4
>PBRM1-D67YTDKRGRRL	170	>PBRM1-D67YTEKRGRRL	71	99
>PBRM1-D67NYTDKRGR	92	>PBRM1-D67NYTEKRGR	77	15
>PBRM1-D67NYTDKRGRR	48	>PBRM1-D67NYTEKRGRR	34	14
>PBRM1-D67NYTDKRGR	71	>PBRM1-D67NYTEKRGR	95	24
>PBRM1-D67NYTDKRGRR	91	>PBRM1-D67NYTEKRGRR	182	91
>PBRM1-D67KNYTDKRGRF	682	>PBRM1-D67KNYTEKRGRF	414	268
>PBRM1-D67KNYTDKRGRF	360	>PBRM1-D67KNYTEKRGRF	408	48
>PBRM1-D67KNYTDKRGR	139	>PBRM1-D67KNYTEKRGR	67	72
>PBRM1-D67KNYTDKRGRF	134	>PBRM1-D67KNYTEKRGRF	88	46
>PBRM1-D67AVKNYTDK	543	>PBRM1-D67AVKNYTEK	349	194
>PBRM1-D67AVKNYTDK	160	>PBRM1-D67AVKNYTEK	56	104
>PBRM1-D67AVKNYTDK	13	>PBRM1-D67AVKNYTEK	8	5
>PBRM1-D67AVKNYTDK	617	>PBRM1-D67AVKNYTEK	72	545
>PBRM1-D67AVKNYTDKR	30	>PBRM1-D67AVKNYTEKR	15	15
>PBRM1-D67AVKNYTDKRC	61	>PBRM1-D67AVKNYTEKRC	51	10
>PBRM1-D67AVKNYTDKR	143	>PBRM1-D67AVKNYTEKR	117	26
>PBRM1-D67AVKNYTDK	448	>PBRM1-D67AVKNYTEK	413	35
>PBRM1-D67EAVKNYTDK	36	>PBRM1-D67EAVKNYTEK	14	22
>PBRM1-D67EAVKNYTDKF	44	>PBRM1-D67EAVKNYTEKR	23	21
>PBRM1-D67YEAVKNYTDK	519	>PBRM1-D67YEAVKNYTEK	452	67
>PBRM1-F84FQEHMFEV	38	>PBRM1-F84LQEHMFEV	445	407
>PBRM1-F84FQEHMFEV	21	>PBRM1-F84LQEHMFEV	182	161
>PBRM1-F84FQEHMFEVL	154	>PBRM1-F84LQEHMFEVL	1407	1253
>PBRM1-F84FQEHMFEV	56	>PBRM1-F84LQEHMFEV	644	588
>PBRM1-F84FQEHMFEV	3	>PBRM1-F84LQEHMFEV	8	5
>PBRM1-F84FQEHMFEVL	12	>PBRM1-F84LQEHMFEVL	145	133
>PBRM1-F84FQEHMFEV	181	>PBRM1-F84LQEHMFEV	1309	1128
>PBRM1-F84FQEHMFEV	94	>PBRM1-F84LQEHMFEV	1213	1119
>PBRM1-F84FQEHMFEV	119	>PBRM1-F84LQEHMFEV	864	745
>PBRM1-F84FQEHMFEVL	334	>PBRM1-F84LQEHMFEVL	251	83
>PBRM1-F84FQEHMFEVL	151	>PBRM1-F84LQEHMFEVL	264	113
>PBRM1-F84FQEHMFEVL	38	>PBRM1-F84LQEHMFEVL	669	631
>PBRM1-F84FQEHMFEVL	202	>PBRM1-F84LQEHMFEVL	357	155
>PBRM1-F84LFQEHMFEV	218	>PBRM1-F84LLQEHMFEV	6	212
>PBRM1-F84LFQEHMFEVI	19967	>PBRM1-F84LLQEHMFEVI	442	19525

>PBRM1-F84 LFQEHMFEEV	57	>PBRM1-F84 LLQEHMFEEV	3	54
>PBRM1-F84 LFQEHMFEEVI	6634	>PBRM1-F84 LLQEHMFEEVI	57	6577
>PBRM1-F84 LFQEHMFEEV	1975	>PBRM1-F84 LLQEHMFEEV	3	1972
>PBRM1-F84 LFQEHMFEEVI	17585	>PBRM1-F84 LLQEHMFEEVI	264	17321
>PBRM1-F84 LFQEHMFEEV	250	>PBRM1-F84 LLQEHMFEEV	4	246
>PBRM1-F84 LFQEHMFEEV	160	>PBRM1-F84 LLQEHMFEEV	1	159
>PBRM1-F84 LFQEHMFEEVI	6833	>PBRM1-F84 LLQEHMFEEVI	12	6821
>PBRM1-F84 LFQEHMFEEV	853	>PBRM1-F84 LLQEHMFEEV	2	851
>PBRM1-F84 LFQEHMFEEVI	11955	>PBRM1-F84 LLQEHMFEEVI	10	11945
>PBRM1-F84 LFQEHMFEEV	1511	>PBRM1-F84 LLQEHMFEEV	6	1505
>PBRM1-F84 LFQEHMFEEVI	17603	>PBRM1-F84 LLQEHMFEEVI	187	17416
>PBRM1-F84 LFQEHMFEEV	7561	>PBRM1-F84 LLQEHMFEEV	3	7558
>PBRM1-F84 LFQEHMFEEVI	17403	>PBRM1-F84 LLQEHMFEEVI	100	17303
>PBRM1-F84 LFQEHMFEEV	55	>PBRM1-F84 LLQEHMFEEV	1	54
>PBRM1-F84 LFQEHMFEEVI	7378	>PBRM1-F84 LLQEHMFEEVI	5	7373
>PBRM1-F84 LFQEHMFEEVI	21	>PBRM1-F84 LLQEHMFEEVI	5378	5357
>PBRM1-F84 LFQEHMFEEV	1807	>PBRM1-F84 LLQEHMFEEV	79	1728
>PBRM1-F84 LFQEHMFEEVI	4505	>PBRM1-F84 LLQEHMFEEVI	215	4290
>PBRM1-F84 DLFQEHMFEE\	44	>PBRM1-F84 DLLQEHMFEE\	50	6
>PBRM1-F84 DLFQEHMFEE\	86	>PBRM1-F84 DLLQEHMFEE\	261	175
>PBRM1-F84 DLFQEHMFEE\	121	>PBRM1-F84 DLLQEHMFEE\	280	159
>PBRM1-F84 DLFQEHMFEE\	590	>PBRM1-F84 DLLQEHMFEE\	356	234
>PBRM1-F84 DLFQEHMFEE\	5	>PBRM1-F84 DLLQEHMFEE\	6	1
>PBRM1-F84 DLFQEHMFEE\	274	>PBRM1-F84 DLLQEHMFEE\	501	227
>PBRM1-F84 DLFQEHMFEE\	81	>PBRM1-F84 DLLQEHMFEE\	57	24
>PBRM1-F84 DLFQEHMFEE\	9	>PBRM1-F84 DLLQEHMFEE\	9	0
>PBRM1-F84 DLFQEHMFEE\	45	>PBRM1-F84 DLLQEHMFEE\	10	35
>PBRM1-F84 DLFQEHMFEE\	2972	>PBRM1-F84 DLLQEHMFEE\	473	2499
>PBRM1-F84 DLFQEHMFEE\	5	>PBRM1-F84 DLLQEHMFEE\	6	1
>PBRM1-F84 DLFQEHMFEE\	73	>PBRM1-F84 DLLQEHMFEE\	167	94
>PBRM1-F84 DLFQEHMFEE\	27	>PBRM1-F84 DLLQEHMFEE\	18	9
>PBRM1-F84 DLFQEHMF	375	>PBRM1-F84 DLLQEHMF	1882	1507
>PBRM1-F84 LDLFQEHEM	681	>PBRM1-F84 LDLLQEHEM	265	416
>PBRM1-F84 LDLFQEHEMFI	75	>PBRM1-F84 LDLLQEHEMFI	28	47
>PBRM1-F84 RLDLFQEHEM	190	>PBRM1-F84 RLDLLQEHEM	584	394
>PBRM1-F84 RLDLFQEHEM	778	>PBRM1-F84 RLDLLQEHEM	498	280
>PBRM1-F84 RLDLFQEHEMI	325	>PBRM1-F84 RLDLLQEHEMI	624	299
>PBRM1-F84 RRLDLFQEHE	417	>PBRM1-F84 RRLDLLQEHE	1287	870
>PBRM1-F84 RRLDLFQEHEM	96	>PBRM1-F84 RRLDLLQEHEM	230	134
>PBRM1-F84 RRLDLFQEHEM	14	>PBRM1-F84 RRLDLLQEHEM	22	8
>PBRM1-F84 RRLDLFQE	337	>PBRM1-F84 RRLDLLQE	446	109
>PBRM1-F84 RRLDLFQEHE	47	>PBRM1-F84 RRLDLLQEHE	55	8
>PBRM1-F84 RRLDLFQEHEM	16	>PBRM1-F84 RRLDLLQEHEM	15	1

>PBRM1-F84 RRLDLFQEHN	21	>PBRM1-F84 RRLDLLQEHN	20	1
>PBRM1-F84 RRLDLFQE	132	>PBRM1-F84 RRLDLLQE	69	63
>PBRM1-F84 RRLDLFQEH	109	>PBRM1-F84 RRLDLLQEH	148	39
>PBRM1-F84 RRLDLFQEHN	86	>PBRM1-F84 RRLDLLQEHN	109	23
>PBRM1-F84 RRLDLFQEHN	77	>PBRM1-F84 RRLDLLQEHN	94	17
>PBRM1-F84 RRLDLFQE	289	>PBRM1-F84 RRLDLLQE	155	134
>PBRM1-F84 RRLDLFQEH	60	>PBRM1-F84 RRLDLLQEH	186	126
>PBRM1-F84 RRLDLFQEHN	39	>PBRM1-F84 RRLDLLQEHN	39	0
>PBRM1-F84 RRLDLFQEHN	21	>PBRM1-F84 RRLDLLQEHN	31	10
>PBRM1-F84 YRRDLFQEH	330	>PBRM1-F84 YRRDLLQEH	384	54
>PBRM1-F84 YRRDLFQEH	429	>PBRM1-F84 YRRDLLQEH	601	172
>PBRM1-F84 YRRDLFQEH	72	>PBRM1-F84 YRRDLLQEH	75	3
>PBRM1-F84 RYRRDLF	68	>PBRM1-F84 RYRRDLL	738	670
>PBRM1-F84 RYRRDLF	59	>PBRM1-F84 RYRRDLL	242	183
>PBRM1-F84 RYRRDLF	5	>PBRM1-F84 RYRRDLL	11	6
>PBRM1-F84 RYRRDLF	88	>PBRM1-F84 RYRRDLL	11	77
>PBRM1-F84 RYRRDLFQ	6	>PBRM1-F84 RYRRDLLQ	11	5
>PBRM1-F84 RYRRDLFQE	148	>PBRM1-F84 RYRRDLLQE	122	26
>PBRM1-F84 RYRRDLFQE	33	>PBRM1-F84 RYRRDLLQE	44	11
>PBRM1-F84 RYRRDLFQE	483	>PBRM1-F84 RYRRDLLQE	983	500
>PBRM1-F84 RYRRDLF	2754	>PBRM1-F84 RYRRDLL	456	2298
>PBRM1-F84 RYRRDLFQ	155	>PBRM1-F84 RYRRDLLQ	474	319
>PBRM1-F84 RYRRDLF	959	>PBRM1-F84 RYRRDLL	287	672
>PBRM1-F84 NRYRRDLF	616	>PBRM1-F84 NRYRRDLL	163	453
>PBRM1-F84 NRYRRDLF	407	>PBRM1-F84 NRYRRDLL	2799	2392
>PBRM1-F84 NRYRRDLF	197	>PBRM1-F84 NRYRRDLL	117	80
>PBRM1-F84 NRYRRDLFQ	212	>PBRM1-F84 NRYRRDLLQ	276	64
>PBRM1-F84 NRYRRDLF	206	>PBRM1-F84 NRYRRDLL	63	143
>PBRM1-F84 NRYRRDLFQ	98	>PBRM1-F84 NRYRRDLLQ	116	18
>PBRM1-F84 NRYRRDLF	30	>PBRM1-F84 NRYRRDLL	12	18
>PBRM1-F84 NRYRRDLFQ	275	>PBRM1-F84 NRYRRDLLQ	393	118
>PBRM1-G2C GRLISELF	181	>PBRM1-G2C VRLISELF	60	121
>PBRM1-G2C GRLISELFQKL	1256	>PBRM1-G2C VRLISELFQKL	384	872
>PBRM1-G2C GRLISELF	229	>PBRM1-G2C VRLISELF	768	539
>PBRM1-G2C GRLISELFQK	223	>PBRM1-G2C VRLISELFQK	973	750
>PBRM1-G2C GRLISELFQKL	101	>PBRM1-G2C VRLISELFQKL	324	223
>PBRM1-G2C GRLISELFQKL	285	>PBRM1-G2C VRLISELFQKL	1142	857
>PBRM1-G2C GRLISELFQKL	26	>PBRM1-G2C VRLISELFQKL	132	106
>PBRM1-G2C SGRLISELFQK	5622	>PBRM1-G2C SVRLISELFQK	218	5404
>PBRM1-G2C SGRLISELFQK	2042	>PBRM1-G2C SVRLISELFQK	46	1996
>PBRM1-G2C SGRLISEL	2285	>PBRM1-G2C SVRLISEL	83	2202
>PBRM1-G2C SGRLISELFQ	981	>PBRM1-G2C SVRLISELFQ	65	916
>PBRM1-G2C SGRLISELFQK	40	>PBRM1-G2C SVRLISELFQK	6	34

>PBRM1-G2C SGRLISELFQK	2876	>PBRM1-G2C SVRLISELFQK	207	2669
>PBRM1-G2C SGRLISELFQK	5845	>PBRM1-G2C SVRLISELFQK	154	5691
>PBRM1-G2C SGRLISELF	38	>PBRM1-G2C SVRLISELF	15	23
>PBRM1-G2C EAIVVATNPS'	6164	>PBRM1-G2C EAIVVATNPS'	38	6126
>PBRM1-G2C EAIVVATNPS'	9013	>PBRM1-G2C EAIVVATNPS'	8	9005
>PBRM1-G2C PSGRLISEL	10858	>PBRM1-G2C PSVRLISEL	495	10363
>PBRM1-G2C PSGRLISELF	381	>PBRM1-G2C PSVRLISELF	243	138
>PBRM1-G2C NPSGRLISEL	358	>PBRM1-G2C NPSVRLISEL	463	105
>PBRM1-G2C NPSGRLISELF	132	>PBRM1-G2C NPSVRLISELF	232	100
>PBRM1-G2C NPSGRLISEL	310	>PBRM1-G2C NPSVRLISEL	714	404
>PBRM1-G2C NPSGRLISELF	145	>PBRM1-G2C NPSVRLISELF	160	15
>PBRM1-G2C NPSGRLISELF	371	>PBRM1-G2C NPSVRLISELF	274	97
>PBRM1-G2C TNPSGRLISEL	1219	>PBRM1-G2C TNPSVRLISEL	480	739
>PBRM1-G2C ATNPSGRLI	1991	>PBRM1-G2C ATNPSVRLI	176	1815
>PBRM1-G2C ATNPSGRLI	196	>PBRM1-G2C ATNPSVRLI	121	75
>PBRM1-G2C ATNPSGRL	7	>PBRM1-G2C ATNPSVRL	5	2
>PBRM1-G2C ATNPSGRLI	29	>PBRM1-G2C ATNPSVRLI	21	8
>PBRM1-G2C ATNPSGRL	2781	>PBRM1-G2C ATNPSVRL	246	2535
>PBRM1-G2C ATNPSGRLI	89	>PBRM1-G2C ATNPSVRLI	58	31
>PBRM1-G2C ATNPSGRLI	279	>PBRM1-G2C ATNPSVRLI	789	510
>PBRM1-G2C ATNPSGRL	296	>PBRM1-G2C ATNPSVRL	600	304
>PBRM1-G2C ATNPSGRLI	16	>PBRM1-G2C ATNPSVRLI	29	13
>PBRM1-G2C VATNPSGR	214	>PBRM1-G2C VATNPSVR	210	4
>PBRM1-G2C VATNPSGRL	230	>PBRM1-G2C VATNPSVRL	106	124
>PBRM1-G2C VATNPSGRL	1414	>PBRM1-G2C VATNPSVRL	354	1060
>PBRM1-G2C VATNPSGRLI	407	>PBRM1-G2C VATNPSVRLI	217	190
>PBRM1-G2C VATNPSGRL	269	>PBRM1-G2C VATNPSVRL	838	569
>PBRM1-G2C VATNPSGRLI	78	>PBRM1-G2C VATNPSVRLI	189	111
>PBRM1-G2C VVATNPSG	22958	>PBRM1-G2C VVATNPSV	394	22564
>PBRM1-G2C VVATNPSG	21898	>PBRM1-G2C VVATNPSV	412	21486
>PBRM1-G2C VVATNPSG	16310	>PBRM1-G2C VVATNPSV	46	16264
>PBRM1-G2C VVATNPSGRI	422	>PBRM1-G2C VVATNPSVRL	158	264
>PBRM1-G2C VVATNPSG	16379	>PBRM1-G2C VVATNPSV	84	16295
>PBRM1-G2C VVATNPSG	22359	>PBRM1-G2C VVATNPSV	65	22294
>PBRM1-G2C VVATNPSG	22412	>PBRM1-G2C VVATNPSV	476	21936
>PBRM1-G2C VVATNPSG	23040	>PBRM1-G2C VVATNPSV	106	22934
>PBRM1-G2C VVATNPSG	22900	>PBRM1-G2C VVATNPSV	45	22855
>PBRM1-G2C VVATNPSG	29514	>PBRM1-G2C VVATNPSV	9	29505
>PBRM1-G2C VVATNPSGRI	1402	>PBRM1-G2C VVATNPSVRL	287	1115
>PBRM1-G2C VVATNPSGR	41	>PBRM1-G2C VVATNPSVR	71	30
>PBRM1-G2C VVATNPSG	17316	>PBRM1-G2C VVATNPSV	190	17126
>PBRM1-G2C VVATNPSG	20208	>PBRM1-G2C VVATNPSV	295	19913
>PBRM1-G2C IVVATNPSG	22834	>PBRM1-G2C IVVATNPSV	209	22625



>PBRM1-G2CIVVATNPSG	22056	>PBRM1-G2CIVVATNPSV	369	21687
>PBRM1-G2CIVVATNPSG	20372	>PBRM1-G2CIVVATNPSV	116	20256
>PBRM1-G2CIVVATNPSG	6047	>PBRM1-G2CIVVATNPSV	9	6038
>PBRM1-G2CIVVATNPSGR	852	>PBRM1-G2CIVVATNPSVR	207	645
>PBRM1-G2CIVVATNPSG	21843	>PBRM1-G2CIVVATNPSV	63	21780
>PBRM1-G2CIVVATNPSG	24775	>PBRM1-G2CIVVATNPSV	171	24604
>PBRM1-G2CIVVATNPSG	23394	>PBRM1-G2CIVVATNPSV	418	22976
>PBRM1-G2CIVVATNPSG	28724	>PBRM1-G2CIVVATNPSV	11	28713
>PBRM1-G2CIVVATNPSGR	1652	>PBRM1-G2CIVVATNPSVR	409	1243
>PBRM1-G2CIVVATNPSGR	39	>PBRM1-G2CIVVATNPSVR	62	23
>PBRM1-G2CIVVATNPSG	16237	>PBRM1-G2CIVVATNPSV	44	16193
>PBRM1-G2CIVVATNPSGR	151	>PBRM1-G2CIVVATNPSVR	102	49
>PBRM1-G2CIVVATNPSGR	422	>PBRM1-G2CIVVATNPSVR	1000	578
>PBRM1-G2CIVVATNPSGR	412	>PBRM1-G2CIVVATNPSVR	504	92
>PBRM1-G2CAIVVATNPSG	21790	>PBRM1-G2CAIVVATNPSV	485	21305
>PBRM1-G2CAIVVATNPSG	19766	>PBRM1-G2CAIVVATNPSV	138	19628
>PBRM1-G2CAIVVATNPSG	13551	>PBRM1-G2CAIVVATNPSV	94	13457
>PBRM1-G2CAIVVATNPSG	24473	>PBRM1-G2CAIVVATNPSV	159	24314
>PBRM1-G2CAIVVATNPSG	23334	>PBRM1-G2CAIVVATNPSV	449	22885
>PBRM1-G2CAIVVATNPSG	23077	>PBRM1-G2CAIVVATNPSV	80	22997
>PBRM1-G2CAIVVATNPSG	27733	>PBRM1-G2CAIVVATNPSV	10	27723
>PBRM1-G2CAIVVATNPSG	217	>PBRM1-G2CAIVVATNPSV	259	42
>PBRM1-G2CAIVVATNPSG	20636	>PBRM1-G2CAIVVATNPSV	198	20438
>PBRM1-H12HEPTKMFYK	232	>PBRM1-H12PEPTKMFYK	3075	2843
>PBRM1-H12HEPTKMFYK	304	>PBRM1-H12PEPTKMFYKK	3168	2864
>PBRM1-H12EHEPTKMF	13748	>PBRM1-H12EPEPTKMF	169	13579
>PBRM1-H12EHEPTKMFY	12473	>PBRM1-H12EPEPTKMFY	231	12242
>PBRM1-H12EHEPTKMFY	18137	>PBRM1-H12EPEPTKMFY	195	17942
>PBRM1-H12EHEPTKMF	17331	>PBRM1-H12EPEPTKMF	128	17203
>PBRM1-H12TEHEPTKMF	368	>PBRM1-H12TEPEPTKMF	474	106
>PBRM1-H12TEHEPTKMFY	238	>PBRM1-H12TEPEPTKMFY	325	87
>PBRM1-H12TEHEPTKMF	297	>PBRM1-H12TEPEPTKMF	2632	2335
>PBRM1-H12TEHEPTKMF	117	>PBRM1-H12TEPEPTKMF	1401	1284
>PBRM1-H12TEHEPTKMF	132	>PBRM1-H12TEPEPTKMF	367	235
>PBRM1-H12TEHEPTKMFY	316	>PBRM1-H12TEPEPTKMFY	1197	881
>PBRM1-H12TEHEPTKMF	172	>PBRM1-H12TEPEPTKMF	1598	1426
>PBRM1-H12TEHEPTKMFY	309	>PBRM1-H12TEPEPTKMFY	765	456
>PBRM1-H12TEHEPTKMF	167	>PBRM1-H12TEPEPTKMF	1232	1065
>PBRM1-H12ETEHEPTKMF	26	>PBRM1-H12ETEPEPTKMF	27	1
>PBRM1-H12ETEHEPTKMF	381	>PBRM1-H12ETEPEPTKMF	503	122
>PBRM1-H12ETEHEPTKMF	153	>PBRM1-H12ETEPEPTKMF	218	65
>PBRM1-H12ETEHEPTK	36	>PBRM1-H12ETEPEPTK	43	7
>PBRM1-H12ETEHEPTKMF	188	>PBRM1-H12ETEPEPTKMF	186	2

>PBRM1-H12 ETEHEPTKM	631	>PBRM1-H12 ETEPEPTKM	135	496
>PBRM1-H12 ETEHEPTKMF	49	>PBRM1-H12 ETEPEPTKMF	17	32
>PBRM1-H12 ETEHEPTKMF	170	>PBRM1-H12 ETEPEPTKMF	50	120
>PBRM1-H12 ETEHEPTKMF	329	>PBRM1-H12 ETEPEPTKMF	246	83
>PBRM1-H12 ETEHEPTKMF	357	>PBRM1-H12 ETEPEPTKMF	388	31
>PBRM1-H12 EETEHEPTKN	313	>PBRM1-H12 EETEPEPTKM	817	504
>PBRM1-H12 EETEHEPTKN	443	>PBRM1-H12 EETEPEPTKM	264	179
>PBRM1-H12 EETEHEPTKN	73	>PBRM1-H12 EETEPEPTKM	124	51
>PBRM1-H12 EETEHEPT	55	>PBRM1-H12 EETEPEPT	139	84
>PBRM1-I15(IEGLSAESNSI	10	>PBRM1-I15(NEGLSAESNS	9	1
>PBRM1-I15(IEGLSAESNSI	34	>PBRM1-I15(NEGLSAESNS	179	145
>PBRM1-I15(LLHSEAYLKYY	101	>PBRM1-I15(LLHSEAYLKYY	20298	20197
>PBRM1-I15(LLHSEAYLKYY	32	>PBRM1-I15(LLHSEAYLKYY	4620	4588
>PBRM1-I15(LLHSEAYLKYY	22	>PBRM1-I15(LLHSEAYLKYY	11844	11822
>PBRM1-I15(LLHSEAYLKYY	7	>PBRM1-I15(LLHSEAYLKYY	2038	2031
>PBRM1-I15(LLHSEAYLKYY	34	>PBRM1-I15(LLHSEAYLKYY	16073	16039
>PBRM1-I15(LLHSEAYLKYY	225	>PBRM1-I15(LLHSEAYLKYY	18888	18663
>PBRM1-I15(LLHSEAYLKYY	339	>PBRM1-I15(LLHSEAYLKYY	22556	22217
>PBRM1-I15(LLHSEAYLKYY	11	>PBRM1-I15(LLHSEAYLKYY	7263	7252
>PBRM1-I15(KYIEGLSA	478	>PBRM1-I15(KYNEGLSA	3324	2846
>PBRM1-I15(KYIEGLSA	533	>PBRM1-I15(KYNEGLSA	183	350
>PBRM1-I15(KYIEGLSA	197	>PBRM1-I15(KYNEGLSA	352	155
>PBRM1-I15(LKYIEGLSA	52	>PBRM1-I15(LKYNEGLSA	14	38
>PBRM1-I15(LKYIEGLSAE	766	>PBRM1-I15(LKYNEGLSAE	259	507
>PBRM1-I15(LKYIEGLSAES	876	>PBRM1-I15(LKYNEGLSAE	264	612
>PBRM1-I15(YLKYYIEGL	141	>PBRM1-I15(YLKYYNEGL	527	386
>PBRM1-I15(YLKYYIEGLSA	240	>PBRM1-I15(YLKYYNEGLSA	245	5
>PBRM1-I15(YLKYYIEGL	8	>PBRM1-I15(YLKYYNEGL	17	9
>PBRM1-I15(YLKYYIEGLSA	83	>PBRM1-I15(YLKYYNEGLSA	119	36
>PBRM1-I15(YLKYYIEGL	11	>PBRM1-I15(YLKYYNEGL	23	12
>PBRM1-I15(YLKYYIEGLSA	43	>PBRM1-I15(YLKYYNEGLSA	38	5
>PBRM1-I15(YLKYYIEGL	294	>PBRM1-I15(YLKYYNEGL	850	556
>PBRM1-I15(YLKYYIEGLSA	287	>PBRM1-I15(YLKYYNEGLSA	520	233
>PBRM1-I15(YLKYYIEGL	59	>PBRM1-I15(YLKYYNEGL	102	43
>PBRM1-I15(YLKYYIEGL	42	>PBRM1-I15(YLKYYNEGL	28	14
>PBRM1-I15(YLKYYIEGLSA	1536	>PBRM1-I15(YLKYYNEGLSA	428	1108
>PBRM1-I15(YLKYYIEGL	428	>PBRM1-I15(YLKYYNEGL	1424	996
>PBRM1-I15(YLKYYIEGL	286	>PBRM1-I15(YLKYYNEGL	818	532
>PBRM1-I15(YLKYYIEGL	7	>PBRM1-I15(YLKYYNEGL	8	1
>PBRM1-I15(YLKYYIEGLSA	52	>PBRM1-I15(YLKYYNEGLSA	38	14
>PBRM1-I15(YLKYYIEGL	332	>PBRM1-I15(YLKYYNEGL	542	210
>PBRM1-I15(AYLKYYIEG	346	>PBRM1-I15(AYLKYYNEG	413	67
>PBRM1-I15(AYLKYYIEGL	6	>PBRM1-I15(AYLKYYNEGL	10	4

>PBRM1-I15(AYLKYEGLSA	406	>PBRM1-I15(AYLKYNEGLS	711	305
>PBRM1-I15(AYLKYEGL	298	>PBRM1-I15(AYLKYNEGL	953	655
>PBRM1-I15(EAYLKYEGL	93	>PBRM1-I15(EAYLKYNEGL	124	31
>PBRM1-I15(EAYLKYEGL	421	>PBRM1-I15(EAYLKYNEGL	1008	587
>PBRM1-I15(SEAYLKYI	8	>PBRM1-I15(SEAYLKYN	456	448
>PBRM1-I15(SEAYLKYEGL	58	>PBRM1-I15(SEAYLKYNEG	79	21
>PBRM1-I15(SEAYLKYI	309	>PBRM1-I15(SEAYLKYN	11998	11689
>PBRM1-I15(SEAYLKYEGL	29	>PBRM1-I15(SEAYLKYNEG	30	1
>PBRM1-I15(SEAYLKYEGL	332	>PBRM1-I15(SEAYLKYNEG	503	171
>PBRM1-I15(SEAYLKYEGL	357	>PBRM1-I15(SEAYLKYNEG	450	93
>PBRM1-I15(SEAYLKYEGL	271	>PBRM1-I15(SEAYLKYNEG	322	51
>PBRM1-I15(SEAYLKYI	373	>PBRM1-I15(SEAYLKYN	1973	1600
>PBRM1-I15(SEAYLKYEGL	110	>PBRM1-I15(SEAYLKYNEG	146	36
>PBRM1-I15(SEAYLKYEGL	432	>PBRM1-I15(SEAYLKYNEG	587	155
>PBRM1-I15(SEAYLKYI	261	>PBRM1-I15(SEAYLKYN	1119	858
>PBRM1-I15(SEAYLKYEGL	62	>PBRM1-I15(SEAYLKYNEG	83	21
>PBRM1-I15(SEAYLKYEGL	466	>PBRM1-I15(SEAYLKYNEG	666	200
>PBRM1-I15(SEAYLKYI	93	>PBRM1-I15(SEAYLKYN	24238	24145
>PBRM1-I15(SEAYLKYEGL	59	>PBRM1-I15(SEAYLKYNEG	169	110
>PBRM1-I15(HSEAYLKYI	306	>PBRM1-I15(HSEAYLKYN	32644	32338
>PBRM1-I15(HSEAYLKYI	227	>PBRM1-I15(HSEAYLKYN	11467	11240
>PBRM1-I15(HSEAYLKYI	103	>PBRM1-I15(HSEAYLKYN	34610	34507
>PBRM1-I15(LHSEAYLKYI	177	>PBRM1-I15(LHSEAYLKYN	30641	30464
>PBRM1-K62 KRKELGPL	162	>PBRM1-K62 ERKELGPL	2055	1893
>PBRM1-K62 KRKELGPL	68	>PBRM1-K62 ERKELGPL	5235	5167
>PBRM1-K62 KRKELGPLPD	158	>PBRM1-K62 ERKELGPLPD	3868	3710
>PBRM1-K62 KRKELGPL	355	>PBRM1-K62 ERKELGPL	3345	2990
>PBRM1-K62 EKRKELGPL	32320	>PBRM1-K62 EERKELGPL	422	31898
>PBRM1-K62 EKRKELGPL	22435	>PBRM1-K62 EERKELGPL	114	22321
>PBRM1-K62 KEKRKELGPL	243	>PBRM1-K62 KEERKELGPL	269	26
>PBRM1-K62 KEKRKELGPL	240	>PBRM1-K62 KEERKELGPL	81	159
>PBRM1-K62 LLKEKRKEL	306	>PBRM1-K62 LLKEERKEL	537	231
>PBRM1-K62 LLKEKRKEL	13	>PBRM1-K62 LLKEERKEL	12	1
>PBRM1-K62 LLKEKRKEL	17	>PBRM1-K62 LLKEERKEL	175	158
>PBRM1-K62 KLLKEKRKEL	126	>PBRM1-K62 KLLKEERKEL	121	5
>PBRM1-K62 KLLKEKRKEL	287	>PBRM1-K62 KLLKEERKEL	167	120
>PBRM1-K62 KLLKEKRKEL	62	>PBRM1-K62 KLLKEERKEL	59	3
>PBRM1-K62 KLLKEKRK	106	>PBRM1-K62 KLLKEERK	186	80
>PBRM1-K62 KLLKEKRK	494	>PBRM1-K62 KLLKEERK	1702	1208
>PBRM1-K62 HILEKLLKEK	227	>PBRM1-K62 HILEKLLKEE	23071	22844
>PBRM1-K62 HILEKLLKEK	451	>PBRM1-K62 HILEKLLKEE	35314	34863
>PBRM1-K62 HILEKLLKEK	114	>PBRM1-K62 HILEKLLKEE	14525	14411
>PBRM1-K62 HILEKLLKEKR	74	>PBRM1-K62 HILEKLLKEER	62	12

>PBRM1-K62 HILEKLLKEKR	189	>PBRM1-K62 HILEKLLKEER	110	79
>PBRM1-K62 HILEKLLKEKR	310	>PBRM1-K62 HILEKLLKEER	237	73
>PBRM1-K62 HILEKLLKEKR	51	>PBRM1-K62 HILEKLLKEER	85	34
>PBRM1-K66 KLNEVYEA	19	>PBRM1-K66 NLNEVYEA	82	63
>PBRM1-K66 KLNEVYEA	14	>PBRM1-K66 NLNEVYEA	56	42
>PBRM1-K66 KLNEVYEA	6	>PBRM1-K66 NLNEVYEA	10	4
>PBRM1-K66 KLNEVYEA	3	>PBRM1-K66 NLNEVYEA	4	1
>PBRM1-K66 KLNEVYEA	6	>PBRM1-K66 NLNEVYEA	12	6
>PBRM1-K66 KLNEVYEA	3	>PBRM1-K66 NLNEVYEA	4	1
>PBRM1-K66 KLNEVYEA	68	>PBRM1-K66 NLNEVYEA	429	361
>PBRM1-K66 KLNEVYEA	7	>PBRM1-K66 NLNEVYEA	24	17
>PBRM1-K66 KLNEVYEA	4	>PBRM1-K66 NLNEVYEA	11	7
>PBRM1-K66 KLNEVYEA	1	>PBRM1-K66 NLNEVYEA	2	1
>PBRM1-K66 KLNEVYEA	12	>PBRM1-K66 NLNEVYEA	38	26
>PBRM1-K66 KLNEVYEA	3	>PBRM1-K66 NLNEVYEA	5	2
>PBRM1-K66 KLNEVYEA	13	>PBRM1-K66 NLNEVYEA	76	63
>PBRM1-K66 KLNEVYEA	6	>PBRM1-K66 NLNEVYEA	11	5
>PBRM1-K66 KLNEVYEA	47	>PBRM1-K66 NLNEVYEA	73	26
>PBRM1-K66 KLNEVYEA	4	>PBRM1-K66 NLNEVYEA	6	2
>PBRM1-K66 KLNEVYEA	9	>PBRM1-K66 NLNEVYEA	37	28
>PBRM1-K66 KLNEVYEA	2	>PBRM1-K66 NLNEVYEA	4	2
>PBRM1-K66 KLNEVYEA	332	>PBRM1-K66 NLNEVYEA	2565	2233
>PBRM1-K66 KLNEVYEA	192	>PBRM1-K66 NLNEVYEA	11248	11056
>PBRM1-K66 KLNEVYEA	155	>PBRM1-K66 NLNEVYEA	10943	10788
>PBRM1-K66 KLNEVYEA	7019	>PBRM1-K66 NLNEVYEA	190	6829
>PBRM1-K66 KLNEVYEA	773	>PBRM1-K66 NLNEVYEA	22	751
>PBRM1-K66 KLNEVYEA	900	>PBRM1-K66 NLNEVYEA	25	875
>PBRM1-K66 QKLNEVYEA	421	>PBRM1-K66 QNLNEVYEA	13691	13270
>PBRM1-K66 QKLNEVYEA	45	>PBRM1-K66 QNLNEVYEA	3859	3814
>PBRM1-K66 QKLNEVYEA	451	>PBRM1-K66 QNLNEVYEA	12807	12356
>PBRM1-K66 KSKYMTPMC	163	>PBRM1-K66 KSKYMTPMC	20712	20549
>PBRM1-K66 KSKYMTPMC	85	>PBRM1-K66 KSKYMTPMC	23257	23172
>PBRM1-K66 KSKYMTPMC	4	>PBRM1-K66 KSKYMTPMC	203	199
>PBRM1-K66 KSKYMTPMC	33	>PBRM1-K66 KSKYMTPMC	6362	6329
>PBRM1-K66 QQKLNEVYEA	435	>PBRM1-K66 QQNLNEVYEA	87	348
>PBRM1-K66 QQKLNEVY	88	>PBRM1-K66 QQNLNEVY	114	26
>PBRM1-K66 QQKLNEVY	458	>PBRM1-K66 QQNLNEVY	799	341
>PBRM1-K66 QQKLNEVY	31	>PBRM1-K66 QQNLNEVY	46	15
>PBRM1-K66 QQKLNEVYEA	273	>PBRM1-K66 QQNLNEVYEA	377	104
>PBRM1-K66 MQQKLNEV	105	>PBRM1-K66 MQQNLNEV	63	42
>PBRM1-K66 MQQKLNEV	354	>PBRM1-K66 MQQNLNEV	229	125
>PBRM1-K66 MQQKLNEV	85	>PBRM1-K66 MQQNLNEV	71	14
>PBRM1-K66 MQQKLNEV	365	>PBRM1-K66 MQQNLNEV	340	25

>PBRM1-K66 MQQKLNEV	154	>PBRM1-K66 MQQNLNEV	85	69
>PBRM1-K66 MQQKLNEV	15	>PBRM1-K66 MQQNLNEV	10	5
>PBRM1-K66 MQQKLNEVY	117	>PBRM1-K66 MQQNLNEVY	59	58
>PBRM1-K66 MQQKLNEV	404	>PBRM1-K66 MQQNLNEV	126	278
>PBRM1-K66 MQQKLNEV	425	>PBRM1-K66 MQQNLNEV	101	324
>PBRM1-K66 MQQKLNEV	1249	>PBRM1-K66 MQQNLNEV	378	871
>PBRM1-K66 MQQKLNEVY	288	>PBRM1-K66 MQQNLNEVY	146	142
>PBRM1-K66 MQQKLNEVY	30	>PBRM1-K66 MQQNLNEVY	30	0
>PBRM1-K66 MQQKLNEVY	156	>PBRM1-K66 MQQNLNEVY	114	42
>PBRM1-K66 MQQKLNEV	364	>PBRM1-K66 MQQNLNEV	214	150
>PBRM1-K66 MQQKLNEVY	12	>PBRM1-K66 MQQNLNEVY	11	1
>PBRM1-K66 PMQQKLNEV	459	>PBRM1-K66 PMQQNLNEV	444	15
>PBRM1-K66 PMQQKLNEV	45	>PBRM1-K66 PMQQNLNEV	18	27
>PBRM1-K66 PMQQKLNEV	221	>PBRM1-K66 PMQQNLNEV	41	180
>PBRM1-K66 PMQQKLNEV	211	>PBRM1-K66 PMQQNLNEV	148	63
>PBRM1-K66 PMQQKLNEV	234	>PBRM1-K66 PMQQNLNEV	57	177
>PBRM1-K66 PMQQKLNEV	10	>PBRM1-K66 PMQQNLNEV	5	5
>PBRM1-K66 PMQQKLNEV	422	>PBRM1-K66 PMQQNLNEV	291	131
>PBRM1-K66 PMQQKLNEV	1047	>PBRM1-K66 PMQQNLNEV	420	627
>PBRM1-K66 TPMQQKLNE	572	>PBRM1-K66 TPMQQNLNE	180	392
>PBRM1-K66 TPMQQKLNE	160	>PBRM1-K66 TPMQQNLNE	114	46
>PBRM1-K66 TPMQQKLNE	24	>PBRM1-K66 TPMQQNLNE	17	7
>PBRM1-K66 TPMQQKLNE	44	>PBRM1-K66 TPMQQNLNE	42	2
>PBRM1-K66 TPMQQKLNE	83	>PBRM1-K66 TPMQQNLNE	81	2
>PBRM1-K66 TPMQQKLNE	84	>PBRM1-K66 TPMQQNLNE	78	6
>PBRM1-K66 TPMQQKLNE	522	>PBRM1-K66 TPMQQNLNE	212	310
>PBRM1-K66 MTPMQQKLI	422	>PBRM1-K66 MTPMQQNL	154	268
>PBRM1-K66 MTPMQQKLI	241	>PBRM1-K66 MTPMQQNL	185	56
>PBRM1-K66 MTPMQQKLI	382	>PBRM1-K66 MTPMQQNL	171	211
>PBRM1-K66 MTPMQQKLI	461	>PBRM1-K66 MTPMQQNL	282	179
>PBRM1-K66 MTPMQQKLI	142	>PBRM1-K66 MTPMQQNL	72	70
>PBRM1-K66 MTPMQQKL	132	>PBRM1-K66 MTPMQQNL	44	88
>PBRM1-K66 MTPMQQKLI	13	>PBRM1-K66 MTPMQQNL	7	6
>PBRM1-K66 MTPMQQKL	262	>PBRM1-K66 MTPMQQNL	429	167
>PBRM1-K66 MTPMQQKL	20	>PBRM1-K66 MTPMQQNL	82	62
>PBRM1-K66 MTPMQQKLI	1250	>PBRM1-K66 MTPMQQNL	231	1019
>PBRM1-K66 MTPMQQKLI	31	>PBRM1-K66 MTPMQQNL	15	16
>PBRM1-K66 YMTMQQKI	72	>PBRM1-K66 YMTMQQN	47	25
>PBRM1-K66 YMTMQQKI	12	>PBRM1-K66 YMTMQQN	8	4
>PBRM1-K66 YMTMQQKI	37	>PBRM1-K66 YMTMQQN	19	18
>PBRM1-K66 YMTMQQKI	236	>PBRM1-K66 YMTMQQN	147	89
>PBRM1-K66 YMTMQQKI	14	>PBRM1-K66 YMTMQQN	13	1
>PBRM1-K66 YMTMQQKI	16	>PBRM1-K66 YMTMQQN	11	5

>PBRM1-K66 YMTPMQQKI	9	>PBRM1-K66 YMTPMQQN	9	0
>PBRM1-K66 YMTPMQQKI	25	>PBRM1-K66 YMTPMQQN	19	6
>PBRM1-K66 YMTPMQQK	19	>PBRM1-K66 YMTPMQQN	127	108
>PBRM1-K66 YMTPMQQKI	2	>PBRM1-K66 YMTPMQQN	2	0
>PBRM1-K66 YMTPMQQK	364	>PBRM1-K66 YMTPMQQN	21417	21053
>PBRM1-K66 YMTPMQQK	308	>PBRM1-K66 YMTPMQQN	26535	26227
>PBRM1-K66 YMTPMQQK	313	>PBRM1-K66 YMTPMQQN	23079	22766
>PBRM1-K66 YMTPMQQKI	347	>PBRM1-K66 YMTPMQQN	167	180
>PBRM1-K66 YMTPMQQKI	350	>PBRM1-K66 YMTPMQQN	405	55
>PBRM1-K66 KYMTPMQQI	23	>PBRM1-K66 KYMTPMQQI	16	7
>PBRM1-K66 KYMTPMQQI	183	>PBRM1-K66 KYMTPMQQI	26524	26341
>PBRM1-K66 KYMTPMQQI	1349	>PBRM1-K66 KYMTPMQQI	419	930
>PBRM1-K66 KYMTPMQQI	10	>PBRM1-K66 KYMTPMQQI	11	1
>PBRM1-K66 KYMTPMQQI	14	>PBRM1-K66 KYMTPMQQI	5726	5712
>PBRM1-K66 KYMTPMQQI	770	>PBRM1-K66 KYMTPMQQI	387	383
>PBRM1-K66 KYMTPMQQI	71	>PBRM1-K66 KYMTPMQQI	9180	9109
>PBRM1-K66 KYMTPMQQI	180	>PBRM1-K66 KYMTPMQQI	6976	6796
>PBRM1-K66 KYMTPMQQI	296	>PBRM1-K66 KYMTPMQQI	62	234
>PBRM1-K66 SKYMTPMQC	115	>PBRM1-K66 SKYMTPMQC	1209	1094
>PBRM1-K66 SKYMTPMQC	14	>PBRM1-K66 SKYMTPMQC	9	5
>PBRM1-L25 LLAKNAKT	84	>PBRM1-L25 PLAKNAKT	5491	5407
>PBRM1-L25 LLAKNAKTY	295	>PBRM1-L25 PLAKNAKTY	1054	759
>PBRM1-L25 LLAKNAKTY	349	>PBRM1-L25 PLAKNAKTY	1661	1312
>PBRM1-L25 LLAKNAKTY	102	>PBRM1-L25 PLAKNAKTY	5229	5127
>PBRM1-L25 LLAKNAKTY	89	>PBRM1-L25 PLAKNAKTY	445	356
>PBRM1-L25 LLAKNAKTY	64	>PBRM1-L25 PLAKNAKTY	1610	1546
>PBRM1-L25 LLAKNAKTY	202	>PBRM1-L25 PLAKNAKTY	12154	11952
>PBRM1-L25 LLAKNAKTY	425	>PBRM1-L25 PLAKNAKTY	3555	3130
>PBRM1-L25 LLAKNAKTY	288	>PBRM1-L25 PLAKNAKTY	382	94
>PBRM1-L25 DLLAKNAKTY	143	>PBRM1-L25 DPLAKNAKTY	2068	1925
>PBRM1-L25 DLLAKNAKTY	11153	>PBRM1-L25 DPLAKNAKTY	330	10823
>PBRM1-L25 DLLAKNAKTY	22253	>PBRM1-L25 DPLAKNAKTY	365	21888
>PBRM1-L25 MAKDIDLL	259	>PBRM1-L25 MAKDIDPL	314	55
>PBRM1-L25 MAKDIDLLAK	139	>PBRM1-L25 MAKDIDPLAK	217	78
>PBRM1-L25 MAKDIDLLA	138	>PBRM1-L25 MAKDIDPLA	78	60
>PBRM1-L25 MAKDIDLLAK	10	>PBRM1-L25 MAKDIDPLAK	9	1
>PBRM1-L25 MAKDIDLLAK	67	>PBRM1-L25 MAKDIDPLAK	124	57
>PBRM1-L25 MAKDIDLL	220	>PBRM1-L25 MAKDIDPL	101	119
>PBRM1-L25 MAKDIDLLA	382	>PBRM1-L25 MAKDIDPLA	1010	628
>PBRM1-L25 MAKDIDLL	1683	>PBRM1-L25 MAKDIDPL	189	1494
>PBRM1-L25 MAKDIDLLA	970	>PBRM1-L25 MAKDIDPLA	257	713
>PBRM1-L25 AMAKDIDLL	3613	>PBRM1-L25 AMAKDIDPL	259	3354
>PBRM1-L25 AMAKDIDL	264	>PBRM1-L25 AMAKDIDP	22453	22189

>PBRM1-L25 AMAKDIDLL	45	>PBRM1-L25 AMAKDIDPL	31	14
>PBRM1-L25 AMAKDIDLLA	340	>PBRM1-L25 AMAKDIDPLA	587	247
>PBRM1-L25 AMAKDIDL	37	>PBRM1-L25 AMAKDIDP	8690	8653
>PBRM1-L25 AMAKDIDLL	3	>PBRM1-L25 AMAKDIDPL	3	0
>PBRM1-L25 AMAKDIDLLA	42	>PBRM1-L25 AMAKDIDPLA	88	46
>PBRM1-L25 AMAKDIDL	178	>PBRM1-L25 AMAKDIDP	13809	13631
>PBRM1-L25 AMAKDIDLL	20	>PBRM1-L25 AMAKDIDPL	9	11
>PBRM1-L25 AMAKDIDLLA	210	>PBRM1-L25 AMAKDIDPLA	627	417
>PBRM1-L25 AMAKDIDLL	65	>PBRM1-L25 AMAKDIDPL	24	41
>PBRM1-L25 AMAKDIDL	158	>PBRM1-L25 AMAKDIDP	15920	15762
>PBRM1-L25 AMAKDIDLL	24	>PBRM1-L25 AMAKDIDPL	12	12
>PBRM1-L25 AMAKDIDLLA	155	>PBRM1-L25 AMAKDIDPLA	82	73
>PBRM1-L25 AMAKDIDL	137	>PBRM1-L25 AMAKDIDP	21075	20938
>PBRM1-L25 AMAKDIDLL	38	>PBRM1-L25 AMAKDIDPL	10	28
>PBRM1-L25 AMAKDIDLLA	788	>PBRM1-L25 AMAKDIDPLA	342	446
>PBRM1-L25 AMAKDIDL	29	>PBRM1-L25 AMAKDIDP	14896	14867
>PBRM1-L25 AMAKDIDLL	17	>PBRM1-L25 AMAKDIDPL	13	4
>PBRM1-L25 AMAKDIDLLA	50	>PBRM1-L25 AMAKDIDPLA	23	27
>PBRM1-L25 AMAKDIDLL	85	>PBRM1-L25 AMAKDIDPL	49	36
>PBRM1-L25 AMAKDIDL	14	>PBRM1-L25 AMAKDIDP	16076	16062
>PBRM1-L25 AMAKDIDLL	15	>PBRM1-L25 AMAKDIDPL	10	5
>PBRM1-L25 AMAKDIDLLA	37	>PBRM1-L25 AMAKDIDPLA	24	13
>PBRM1-L25 AMAKDIDLLA	101	>PBRM1-L25 AMAKDIDPLA	115	14
>PBRM1-L25 AMAKDIDLLA	40	>PBRM1-L25 AMAKDIDPLA	40	0
>PBRM1-L25 AMAKDIDLL	4570	>PBRM1-L25 AMAKDIDPL	322	4248
>PBRM1-L25 AMAKDIDLL	1573	>PBRM1-L25 AMAKDIDPL	278	1295
>PBRM1-L25 AMAKDIDLLA	489	>PBRM1-L25 AMAKDIDPLA	406	83
>PBRM1-L25 HAMA KDIDL	434	>PBRM1-L25 HAMA KDIDP	330	104
>PBRM1-L25 HAMA KDIDL	252	>PBRM1-L25 HAMA KDIDP	453	201
>PBRM1-L25 HAMA KDIDL	309	>PBRM1-L25 HAMA KDIDP	22780	22471
>PBRM1-L25 HAMA KDIDL	801	>PBRM1-L25 HAMA KDIDP	283	518
>PBRM1-L25 HAMA KDIDL	1451	>PBRM1-L25 HAMA KDIDP	361	1090
>PBRM1-M5: MKILFN VV	484	>PBRM1-M5: IKILFN VV	7540	7056
>PBRM1-M5: MKILFN VV	42	>PBRM1-M5: IKILFN VV	53	11
>PBRM1-M5: MKILFN VVL	13	>PBRM1-M5: IKILFN VVL	16	3
>PBRM1-M5: MKILFN VVLE	151	>PBRM1-M5: IKILFN VVLEA	201	50
>PBRM1-M5: MKILFN VV	482	>PBRM1-M5: IKILFN VV	5547	5065
>PBRM1-M5: MKILFN VVL	15	>PBRM1-M5: IKILFN VVL	119	104
>PBRM1-M5: RMKILFN V	157	>PBRM1-M5: RIKILFN V	1539	1382
>PBRM1-M5: RMKILFN V	50	>PBRM1-M5: RIKILFN V	536	486
>PBRM1-M5: RMKILFN VV	299	>PBRM1-M5: RIKILFN VV	1823	1524
>PBRM1-M5: RMKILFN VVL	262	>PBRM1-M5: RIKILFN VVL	1258	996
>PBRM1-M5: RMKILFN V	7	>PBRM1-M5: RIKILFN V	41	34

>PBRM1-M5:RMKILFNVV	13	>PBRM1-M5:RIKILFNVV	123	110
>PBRM1-M5:RMKILFNVL	473	>PBRM1-M5:RIKILFNVL	1779	1306
>PBRM1-M5:RMKILFNV	50	>PBRM1-M5:RIKILFNV	109	59
>PBRM1-M5:RMKILFNVV	185	>PBRM1-M5:RIKILFNVV	396	211
>PBRM1-M5:RMKILFNV	15	>PBRM1-M5:RIKILFNV	498	483
>PBRM1-M5:RMKILFNVV	77	>PBRM1-M5:RIKILFNVV	3299	3222
>PBRM1-M5:RMKILFNV	29	>PBRM1-M5:RIKILFNV	1973	1944
>PBRM1-M5:RMKILFNVV	137	>PBRM1-M5:RIKILFNVV	6207	6070
>PBRM1-M5:RMKILFNV	46	>PBRM1-M5:RIKILFNV	1626	1580
>PBRM1-M5:RMKILFNVV	406	>PBRM1-M5:RIKILFNVV	9724	9318
>PBRM1-M5:RMKILFNV	322	>PBRM1-M5:RIKILFNV	5070	4748
>PBRM1-M5:RMKILFNV	5	>PBRM1-M5:RIKILFNV	75	70
>PBRM1-M5:RMKILFNVV	21	>PBRM1-M5:RIKILFNVV	839	818
>PBRM1-M5:RMKILFNVL	340	>PBRM1-M5:RIKILFNVL	6676	6336
>PBRM1-M5:RMKILFNV	41	>PBRM1-M5:RIKILFNV	30	11
>PBRM1-M5:RMKILFNVV	47	>PBRM1-M5:RIKILFNVV	34	13
>PBRM1-M5:RMKILFNVL	64	>PBRM1-M5:RIKILFNVL	46	18
>PBRM1-M5:RMKILFNV	106	>PBRM1-M5:RIKILFNV	345	239
>PBRM1-M5:RMKILFNVV	340	>PBRM1-M5:RIKILFNVV	1588	1248
>PBRM1-M5:RMKILFNVL	164	>PBRM1-M5:RIKILFNVL	329	165
>PBRM1-M5:RMKILFNVV	77	>PBRM1-M5:RIKILFNVV	150	73
>PBRM1-M5:RMKILFNVV	109	>PBRM1-M5:RIKILFNVV	1233	1124
>PBRM1-M5:RMKILFNVL	66	>PBRM1-M5:RIKILFNVL	530	464
>PBRM1-M5:RMKILFNV	398	>PBRM1-M5:RIKILFNV	5849	5451
>PBRM1-M5:RMKILFNVV	87	>PBRM1-M5:RIKILFNVV	2303	2216
>PBRM1-M5:RMKILFNVL	36	>PBRM1-M5:RIKILFNVL	952	916
>PBRM1-M5:RMKILFNVL	241	>PBRM1-M5:RIKILFNVL	5571	5330
>PBRM1-M5:KSKKNIRKQR	27	>PBRM1-M5:KSKKNIRKQR	13	14
>PBRM1-M5:KSKKNIRKQR	16	>PBRM1-M5:KSKKNIRKQR	82	66
>PBRM1-M5:KSKKNIRKQR	302	>PBRM1-M5:KSKKNIRKQR	1674	1372
>PBRM1-M5:KSKKNIRKQR	229	>PBRM1-M5:KSKKNIRKQR	2922	2693
>PBRM1-M5:KSKKNIRKQR	5359	>PBRM1-M5:KSKKNIRKQR	275	5084
>PBRM1-M5:QRMKILFNV	299	>PBRM1-M5:QRIKILFNV	574	275
>PBRM1-M5:QRMKILFN\	437	>PBRM1-M5:QRIKILFNVV	752	315
>PBRM1-M5:QRMKILFN\	168	>PBRM1-M5:QRIKILFNVL	299	131
>PBRM1-M5:QRMKILFN	282	>PBRM1-M5:QRIKILFN	1135	853
>PBRM1-M5:QRMKILFNV	25	>PBRM1-M5:QRIKILFNV	75	50
>PBRM1-M5:QRMKILFN\	441	>PBRM1-M5:QRIKILFNVV	369	72
>PBRM1-M5:QRMKILFN\	18	>PBRM1-M5:QRIKILFNVL	50	32
>PBRM1-M5:QRMKILFN\	435	>PBRM1-M5:QRIKILFNVV	1186	751
>PBRM1-M5:QRMKILFN\	26	>PBRM1-M5:QRIKILFNVL	51	25
>PBRM1-M5:QRMKILFNV	432	>PBRM1-M5:QRIKILFNV	544	112
>PBRM1-M5:QRMKILFN\	51	>PBRM1-M5:QRIKILFNVL	64	13



>PBRM1-M5:QRMKILFNV	251	>PBRM1-M5:QRIKILFNV	519	268
>PBRM1-M5:QRMKILFNV\	490	>PBRM1-M5:QRIKILFNVV	571	81
>PBRM1-M5:QRMKILFNV\	19	>PBRM1-M5:QRIKILFNVVL	30	11
>PBRM1-M5:KQRMKILFNV	328	>PBRM1-M5:KQRIKILFNV	366	38
>PBRM1-M5:KQRMKILFNV	177	>PBRM1-M5:KQRIKILFNV\	288	111
>PBRM1-M5:KQRMKILFNV	207	>PBRM1-M5:KQRIKILFNV	209	2
>PBRM1-M5:KQRMKILFNV	65	>PBRM1-M5:KQRIKILFNV\	86	21
>PBRM1-M5:KQRMKILF	238	>PBRM1-M5:KQRIKILF	384	146
>PBRM1-M5:KQRMKILFN	57	>PBRM1-M5:KQRIKILFN	81	24
>PBRM1-M5:KQRMKILFNV	16	>PBRM1-M5:KQRIKILFNV	19	3
>PBRM1-M5:KQRMKILFNV	18	>PBRM1-M5:KQRIKILFNV\	23	5
>PBRM1-M5:KQRMKILF	95	>PBRM1-M5:KQRIKILF	181	86
>PBRM1-M5:KQRMKILFNV	262	>PBRM1-M5:KQRIKILFNV\	541	279
>PBRM1-M5:KQRMKILF	6	>PBRM1-M5:KQRIKILF	8	2
>PBRM1-M5:KQRMKILFNV	105	>PBRM1-M5:KQRIKILFNV	276	171
>PBRM1-M5:KQRMKILFNV	35	>PBRM1-M5:KQRIKILFNV\	79	44
>PBRM1-M5:KQRMKILF	243	>PBRM1-M5:KQRIKILF	199	44
>PBRM1-M5:RKQRMKIL	95	>PBRM1-M5:RKQRIKIL	78	17
>PBRM1-M5:RKQRMKILF	23	>PBRM1-M5:RKQRIKILF	22	1
>PBRM1-M5:RKQRMKILF	533	>PBRM1-M5:RKQRIKILF	399	134
>PBRM1-M5:RKQRMKIL	401	>PBRM1-M5:RKQRIKIL	160	241
>PBRM1-M5:RKQRMKILF	79	>PBRM1-M5:RKQRIKILF	101	22
>PBRM1-M5:RKQRMKILFN	281	>PBRM1-M5:RKQRIKILFN	295	14
>PBRM1-M5:RKQRMKILFN	285	>PBRM1-M5:RKQRIKILFNV	339	54
>PBRM1-M5:RKQRMKILF	23	>PBRM1-M5:RKQRIKILF	33	10
>PBRM1-M5:RKQRMKILFN	186	>PBRM1-M5:RKQRIKILFNV	253	67
>PBRM1-M5:IRKQRMKIL	113	>PBRM1-M5:IRKQRIKIL	69	44
>PBRM1-M5:IRKQRMKIL	471	>PBRM1-M5:IRKQRIKIL	352	119
>PBRM1-M5:IRKQRMKILF	108	>PBRM1-M5:IRKQRIKILF	90	18
>PBRM1-M5:IRKQRMKI	584	>PBRM1-M5:IRKQRIKI	288	296
>PBRM1-M5:IRKQRMKILF	118	>PBRM1-M5:IRKQRIKILF	50	68
>PBRM1-M5:IRKQRMKIL	848	>PBRM1-M5:IRKQRIKIL	367	481
>PBRM1-M5:IRKQRMKILF	181	>PBRM1-M5:IRKQRIKILF	165	16
>PBRM1-M5:IRKQRMKIL	78	>PBRM1-M5:IRKQRIKIL	31	47
>PBRM1-M5:IRKQRMKILF	105	>PBRM1-M5:IRKQRIKILF	81	24
>PBRM1-M5:NIRKQRMK	29	>PBRM1-M5:NIRKQRIK	25	4
>PBRM1-M5:NIRKQRMKI	81	>PBRM1-M5:NIRKQRIKI	126	45
>PBRM1-M5:NIRKQRMKI	144	>PBRM1-M5:NIRKQRIKI	557	413
>PBRM1-M5:KNIRKQRMK	419	>PBRM1-M5:KNIRKQRIK	294	125
>PBRM1-M5:KKNIRKQRMKI	450	>PBRM1-M5:KKNIRKQRIKI	844	394
>PBRM1-M5:SKKNIRKQRN	420	>PBRM1-M5:SKKNIRKQRIK	322	98
>PBRM1-M5:SKKNIRKQRN	342	>PBRM1-M5:SKKNIRKQRI	1070	728
>PBRM1-R54RRLCDLFMV	354	>PBRM1-R54GRLCDLFMV	895	541

>PBRM1-R54 RRLCDLFMV	805	>PBRM1-R54 GRLCDLFMV	446	359
>PBRM1-R54 RRLCDLFM	94	>PBRM1-R54 GRLCDLFM	1199	1105
>PBRM1-R54 RRLCDLFMV	311	>PBRM1-R54 GRLCDLFMV	2635	2324
>PBRM1-R54 RRLCDLFMVk	292	>PBRM1-R54 GRLCDLFMVI	3146	2854
>PBRM1-R54 RRLCDLFM	22	>PBRM1-R54 GRLCDLFM	73	51
>PBRM1-R54 RRLCDLFMV	21	>PBRM1-R54 GRLCDLFMV	80	59
>PBRM1-R54 RRLCDLFMVk	23	>PBRM1-R54 GRLCDLFMVI	159	136
>PBRM1-R54 RRLCDLFMVk	110	>PBRM1-R54 GRLCDLFMVI	926	816
>PBRM1-R54 RRLCDLFM	24	>PBRM1-R54 GRLCDLFM	1563	1539
>PBRM1-R54 RRLCDLFMV	71	>PBRM1-R54 GRLCDLFMV	876	805
>PBRM1-R54 RRLCDLFMVk	32	>PBRM1-R54 GRLCDLFMVI	922	890
>PBRM1-R54 RRLCDLFMVk	375	>PBRM1-R54 GRLCDLFMVI	6243	5868
>PBRM1-R54 RRLCDLFM	114	>PBRM1-R54 GRLCDLFM	3421	3307
>PBRM1-R54 RRLCDLFMV	214	>PBRM1-R54 GRLCDLFMV	729	515
>PBRM1-R54 RRLCDLFMVk	28	>PBRM1-R54 GRLCDLFMVI	390	362
>PBRM1-R54 GRRLCDLFM\	571	>PBRM1-R54 GGRLCDLFM'	87	484
>PBRM1-R54 GRRLCDLFM\	191	>PBRM1-R54 GGRLCDLFM'	28796	28605
>PBRM1-R54 GRRLCDLFM	1594	>PBRM1-R54 GGRLCDLFM	345	1249
>PBRM1-R54 GRRLCDLFM	346	>PBRM1-R54 GGRLCDLFM	24660	24314
>PBRM1-R54 GRRLCDLFM	82	>PBRM1-R54 GGRLCDLFM	19761	19679
>PBRM1-R54 GRRLCDLFM\	78	>PBRM1-R54 GGRLCDLFM'	15769	15691
>PBRM1-R54 SGRRLCDF	18	>PBRM1-R54 SGGRLCDF	271	253
>PBRM1-R54 SGRRLCDFM	77	>PBRM1-R54 SGGRLCDFM	213	136
>PBRM1-R54 GSGRRLCDF	1446	>PBRM1-R54 GSGGRLCDF	469	977
>PBRM1-R54 GSGRRLCDF	575	>PBRM1-R54 GSGGRLCDF	478	97
>PBRM1-R54 EPGSGRRL	364	>PBRM1-R54 EPGSGGRL	604	240
>PBRM1-R54 REPGSGRRL	192	>PBRM1-R54 REPGSGGRL	84	108
>PBRM1-R54 AREPGSGRRL	701	>PBRM1-R54 AREPGSGGRI	360	341
>PBRM1-R54 EAREPGSGRF	355	>PBRM1-R54 EAREPGSGGF	500	145
>PBRM1-R54 EAREPGSGR	152	>PBRM1-R54 EAREPGSGG	32084	31932
>PBRM1-R54 EAREPGSGR	66	>PBRM1-R54 EAREPGSGG	34636	34570
>PBRM1-R54 EAREPGSGRF	70	>PBRM1-R54 EAREPGSGGF	85	15
>PBRM1-R54 RRLCDLFMV	354	>PBRM1-R54 SRLCDLFMV	334	20
>PBRM1-R54 RRLCDLFMV	606	>PBRM1-R54 SRLCDLFMV	499	107
>PBRM1-R54 RRLCDLFMVk	741	>PBRM1-R54 SRLCDLFMVk	322	419
>PBRM1-R54 RRLCDLFM	94	>PBRM1-R54 SRLCDLFM	534	440
>PBRM1-R54 RRLCDLFMV	311	>PBRM1-R54 SRLCDLFMV	1314	1003
>PBRM1-R54 RRLCDLFMVk	292	>PBRM1-R54 SRLCDLFMVk	1483	1191
>PBRM1-R54 RRLCDLFM	22	>PBRM1-R54 SRLCDLFM	108	86
>PBRM1-R54 RRLCDLFMV	21	>PBRM1-R54 SRLCDLFMV	133	112
>PBRM1-R54 RRLCDLFMVk	23	>PBRM1-R54 SRLCDLFMVk	317	294
>PBRM1-R54 RRLCDLFMVk	110	>PBRM1-R54 SRLCDLFMVk	1484	1374
>PBRM1-R54 RRLCDLFM	24	>PBRM1-R54 SRLCDLFM	1668	1644

>PBRM1-R54 RRLCDLFMV	71	>PBRM1-R54 SRLCDLFMV	1022	951
>PBRM1-R54 RRLCDLFMVk	32	>PBRM1-R54 SRLCDLFMVk	1336	1304
>PBRM1-R54 RRLCDLFMVk	375	>PBRM1-R54 SRLCDLFMVk	7240	6865
>PBRM1-R54 RRLCDLFM	114	>PBRM1-R54 SRLCDLFM	2382	2268
>PBRM1-R54 RRLCDLFMV	214	>PBRM1-R54 SRLCDLFMV	1890	1676
>PBRM1-R54 RRLCDLFMVk	28	>PBRM1-R54 SRLCDLFMVk	594	566
>PBRM1-R54 GRRLCDLFM\	18717	>PBRM1-R54 GSRLCDLFM\	465	18252
>PBRM1-R54 GRRLCDLFM\	18001	>PBRM1-R54 GSRLCDLFM\	171	17830
>PBRM1-R54 GRRLCDLFM	9006	>PBRM1-R54 GSRLCDLFM	236	8770
>PBRM1-R54 GRRLCDLFM\	571	>PBRM1-R54 GSRLCDLFM\	9	562
>PBRM1-R54 GRRLCDLF	23325	>PBRM1-R54 GSRLCDF	27	23298
>PBRM1-R54 GRRLCDLFM	23607	>PBRM1-R54 GSRLCDLFM	20	23587
>PBRM1-R54 GRRLCDLFM\	191	>PBRM1-R54 GSRLCDLFM\	25730	25539
>PBRM1-R54 GRRLCDLF	19029	>PBRM1-R54 GSRLCDF	234	18795
>PBRM1-R54 GRRLCDLFM	1594	>PBRM1-R54 GSRLCDLFM	26	1568
>PBRM1-R54 GRRLCDLFM\	21704	>PBRM1-R54 GSRLCDLFM\	472	21232
>PBRM1-R54 GRRLCDLFM	346	>PBRM1-R54 GSRLCDLFM	16765	16419
>PBRM1-R54 GRRLCDLFM	82	>PBRM1-R54 GSRLCDLFM	15344	15262
>PBRM1-R54 GRRLCDLFM\	78	>PBRM1-R54 GSRLCDLFM\	11721	11643
>PBRM1-R54 SGRRLCDF	18	>PBRM1-R54 SGSRLCDF	48	30
>PBRM1-R54 SGRRLCDFM	77	>PBRM1-R54 SGSRLCDFM	51	26
>PBRM1-R54 GSGRRLCDF	575	>PBRM1-R54 GSGRRLCDF	233	342
>PBRM1-R54 EPGSGRRL	364	>PBRM1-R54 EPGSGSRL	834	470
>PBRM1-R54 REPGSGRRL	192	>PBRM1-R54 REPGSGSRL	92	100
>PBRM1-R54 REPGSGRRL	997	>PBRM1-R54 REPGSGSRL	314	683
>PBRM1-R54 EAREPGSGRF	355	>PBRM1-R54 EAREPGSGSR	348	7
>PBRM1-R54 EAREPGSGR	152	>PBRM1-R54 EAREPGSGS	28362	28210
>PBRM1-R54 EAREPGSGR	66	>PBRM1-R54 EAREPGSGS	25966	25900
>PBRM1-R54 EAREPGSGRF	70	>PBRM1-R54 EAREPGSGSR	32	38
>PBRM1-R54 EAREPGSGRF	3262	>PBRM1-R54 EAREPGSGSR	408	2854
>PBRM1-T23 TIAQRIQNGS	103	>PBRM1-T23 PIAQRIQNGS	495	392
>PBRM1-T23 TIAQRIQNGS	81	>PBRM1-T23 PIAQRIQNGS	2355	2274
>PBRM1-T23 TIAQRIQNGS	78	>PBRM1-T23 PIAQRIQNGS	481	403
>PBRM1-T23 TIAQRIQNGS	328	>PBRM1-T23 PIAQRIQNGS	946	618
>PBRM1-T23 TIAQRIQNGS	68	>PBRM1-T23 PIAQRIQNGS	215	147
>PBRM1-T23 TIAQRIQNGS	197	>PBRM1-T23 PIAQRIQNGS	2945	2748
>PBRM1-T23 TIAQRIQNGS	205	>PBRM1-T23 PIAQRIQNGS	1855	1650
>PBRM1-T23 KTIAQRIQNG	385	>PBRM1-T23 KPIAQRIQNG	17692	17307
>PBRM1-T23 DLKTIAQR	435	>PBRM1-T23 DLKPIAQR	357	78
>PBRM1-T23 DLKTIAQR	24	>PBRM1-T23 DLKPIAQR	24	0
>PBRM1-T23 DLKTIAQR	49	>PBRM1-T23 DLKPIAQR	97	48
>PBRM1-T23 IDLKTIAQRI	319	>PBRM1-T23 IDLKPIAQRI	1986	1667
>PBRM1-T23 IDLKTIAQRI	166	>PBRM1-T23 IDLKPIAQRI	330	164

>PBRM1-T23 IDLKTIAQRI	60	>PBRM1-T23 IDLKPIAQRI	135	75
>PBRM1-T23 EPIDLKTIAQR	438	>PBRM1-T23 EPIDLKPIAQR	588	150
>PBRM1-T23 EPIDLKTIAQR	30	>PBRM1-T23 EPIDLKPIAQR	50	20
>PBRM1-T23 EPIDLKTI	791	>PBRM1-T23 EPIDLKPI	221	570
>PBRM1-T23 EPIDLKTI	496	>PBRM1-T23 EPIDLKPI	616	120
>PBRM1-T23 EPIDLKTI	93	>PBRM1-T23 EPIDLKPI	252	159
>PBRM1-T23 EPIDLKTIA	51	>PBRM1-T23 EPIDLKPIA	24	27
>PBRM1-T23 KEPIDLKTI	23	>PBRM1-T23 KEPIDLKPI	30	7
>PBRM1-T23 KEPIDLKTI	23	>PBRM1-T23 KEPIDLKPI	16	7
>PBRM1-T23 IIKEPIDLKTI	140	>PBRM1-T23 IIKEPIDLKPI	66	74
>PBRM1-Y96 VVYVEPAEAN	239	>PBRM1-Y96 HVYVEPAEAN	549	310
>PBRM1-Y96 VVYVEPAEA	153	>PBRM1-Y96 HVYVEPAEA	6052	5899
>PBRM1-Y96 VVYVEPAEAN	135	>PBRM1-Y96 HVYVEPAEAN	5708	5573
>PBRM1-Y96 VVYVEPAEA	222	>PBRM1-Y96 HVYVEPAEA	1654	1432
>PBRM1-Y96 VVYVEPAEAN	75	>PBRM1-Y96 HVYVEPAEAN	521	446
>PBRM1-Y96 VVYVEPAEA	27	>PBRM1-Y96 HVYVEPAEA	377	350
>PBRM1-Y96 VVYVEPAEAN	71	>PBRM1-Y96 HVYVEPAEAN	1126	1055
>PBRM1-Y96 VVYVEPAEA	279	>PBRM1-Y96 HVYVEPAEA	4356	4077
>PBRM1-Y96 VVYVEPAEAN	159	>PBRM1-Y96 HVYVEPAEAN	3964	3805
>PBRM1-Y96 VVYVEPAEA	59	>PBRM1-Y96 HVYVEPAEA	3018	2959
>PBRM1-Y96 VVYVEPAEAN	65	>PBRM1-Y96 HVYVEPAEAN	2679	2614
>PBRM1-Y96 VVYVEPAEAN	188	>PBRM1-Y96 HVYVEPAEAN	3390	3202
>PBRM1-Y96 VVYVEPAEA	480	>PBRM1-Y96 HVYVEPAEA	7374	6894
>PBRM1-Y96 VVYVEPAEAN	175	>PBRM1-Y96 HVYVEPAEAN	3986	3811
>PBRM1-Y96 VVYVEPAEAN	332	>PBRM1-Y96 HVYVEPAEAN	9693	9361
>PBRM1-Y96 VVYVEPAEA	95	>PBRM1-Y96 HVYVEPAEA	3375	3280
>PBRM1-Y96 VVYVEPAEAN	27	>PBRM1-Y96 HVYVEPAEAN	782	755
>PBRM1-Y96 VVYVEPAEA	680	>PBRM1-Y96 HVYVEPAEA	360	320
>PBRM1-Y96 VVYVEPAEAN	510	>PBRM1-Y96 HVYVEPAEAN	289	221
>PBRM1-Y96 VVYVEPAEAN	205	>PBRM1-Y96 HVYVEPAEAN	468	263
>PBRM1-Y96 VVYVEPAEAN	38	>PBRM1-Y96 HVYVEPAEAN	83	45
>PBRM1-Y96 FKNSMYHVG	267	>PBRM1-Y96 FKNSMYHVG	14426	14159
>PBRM1-Y96 FKNSMYHVG	441	>PBRM1-Y96 FKNSMYHVG	21228	20787
>PBRM1-Y96 FKNSMYHVG	13	>PBRM1-Y96 FKNSMYHVG	501	488
>PBRM1-Y96 GDYVYVEPA	257	>PBRM1-Y96 GDHVYVEPA	304	47
>PBRM1-Y96 GDYVYVEPA	321	>PBRM1-Y96 GDHVYVEPA	1822	1501
>PBRM1-Y96 HVG DYVYV	70	>PBRM1-Y96 HVG DHVYV	220	150
>PBRM1-Y96 HVG DYVYV	33	>PBRM1-Y96 HVG DHVYV	67	34
>PBRM1-Y96 HVG DYVYVEI	174	>PBRM1-Y96 HVG DHVYVE	322	148
>PBRM1-Y96 HVG DYVYV	113	>PBRM1-Y96 HVG DHVYV	151	38
>PBRM1-Y96 HVG DYVYVEI	387	>PBRM1-Y96 HVG DHVYVE	287	100
>PBRM1-Y96 HVG DYVYV	27	>PBRM1-Y96 HVG DHVYV	72	45
>PBRM1-Y96 HVG DYVYVEI	254	>PBRM1-Y96 HVG DHVYVE	436	182

>PBRM1-Y96 HVGDYVYV	11	>PBRM1-Y96 HVGDHVYV	17	6
>PBRM1-Y96 HVGDYVYV	28	>PBRM1-Y96 HVGDHVYV	57	29
>PBRM1-Y96 HVGDYVYV	37	>PBRM1-Y96 HVGDHVYV	80	43
>PBRM1-Y96 HVGDYVYV	27	>PBRM1-Y96 HVGDHVYV	101	74
>PBRM1-Y96 HVGDYVYV	6	>PBRM1-Y96 HVGDHVYV	8	2
>PBRM1-Y96 HVGDYVYV	13	>PBRM1-Y96 HVGDHVYV	19	6
>PBRM1-Y96 HVGDYVYVEI	50	>PBRM1-Y96 HVGDHVYVE	79	29
>PBRM1-Y96 HVGDYVYV	13	>PBRM1-Y96 HVGDHVYV	20	7
>PBRM1-Y96 HVGDYVYVEI	257	>PBRM1-Y96 HVGDHVYVE	436	179
>PBRM1-Y96 YHVGDYVYV	305	>PBRM1-Y96 YHVGDHVYV	1025	720
>PBRM1-Y96 YHVGDYVYV	175	>PBRM1-Y96 YHVGDHVYV	167	8
>PBRM1-Y96 YHVGDYVYV	136	>PBRM1-Y96 YHVGDHVYV	156	20
>PBRM1-Y96 YHVGDYVY	27	>PBRM1-Y96 YHVGDHVY	37	10
>PBRM1-Y96 YHVGDYVY	858	>PBRM1-Y96 YHVGDHVY	382	476
>PBRM1-Y96 YHVGDYVY	151	>PBRM1-Y96 YHVGDHVY	218	67
>PBRM1-Y96 YHVGDYVYV	695	>PBRM1-Y96 YHVGDHVYV	396	299
>PBRM1-Y96 YHVGDYVY	178	>PBRM1-Y96 YHVGDHVY	264	86
>PBRM1-Y96 YHVGDYVYV	218	>PBRM1-Y96 YHVGDHVYV	196	22
>PBRM1-Y96 MYHVGDYVY	436	>PBRM1-Y96 MYHVGDHV\	445	9
>PBRM1-Y96 MYHVGDYVY	184	>PBRM1-Y96 MYHVGDHV\	101	83
>PBRM1-Y96 MYHVGDYV	66	>PBRM1-Y96 MYHVGDHV	120	54
>PBRM1-Y96 MYHVGDYVY	321	>PBRM1-Y96 MYHVGDHV\	240	81
>PBRM1-Y96 MYHVGDYVY	26	>PBRM1-Y96 MYHVGDHV\	43	17
>PBRM1-Y96 MYHVGDYVY	10	>PBRM1-Y96 MYHVGDHV\	18	8
>PBRM1-Y96 MYHVGDYV	324	>PBRM1-Y96 MYHVGDHV	636	312
>PBRM1-Y96 MYHVGDYVY	69	>PBRM1-Y96 MYHVGDHV\	56	13
>PBRM1-Y96 MYHVGDYVY	15	>PBRM1-Y96 MYHVGDHV\	11	4
>PBRM1-Y96 MYHVGDYVY	292	>PBRM1-Y96 MYHVGDHV\	135	157
>PBRM1-Y96 MYHVGDYVY	108	>PBRM1-Y96 MYHVGDHV\	211	103
>PBRM1-Y96 MYHVGDYVY	185	>PBRM1-Y96 MYHVGDHV\	558	373
>PBRM1-Y96 MYHVGDYV	111	>PBRM1-Y96 MYHVGDHV	370	259
>PBRM1-Y96 MYHVGDYVY	140	>PBRM1-Y96 MYHVGDHV\	107	33
>PBRM1-Y96 SMYHVGDYV	180	>PBRM1-Y96 SMYHVGDHV	359	179
>PBRM1-Y96 SMYHVGDYV	14	>PBRM1-Y96 SMYHVGDHV	46	32
>PBRM1-Y96 SMYHVGDYV	10	>PBRM1-Y96 SMYHVGDHV	14	4
>PBRM1-Y96 SMYHVGDYV	5	>PBRM1-Y96 SMYHVGDHV	13	8
>PBRM1-Y96 SMYHVGDYV	5	>PBRM1-Y96 SMYHVGDHV	6	1
>PBRM1-Y96 SMYHVGDYV	7	>PBRM1-Y96 SMYHVGDHV	9	2
>PBRM1-Y96 SMYHVGDYV	5	>PBRM1-Y96 SMYHVGDHV	7	2
>PBRM1-Y96 SMYHVGDYV	21	>PBRM1-Y96 SMYHVGDHV	21	0
>PBRM1-Y96 SMYHVGDYV	14	>PBRM1-Y96 SMYHVGDHV	18	4
>PBRM1-Y96 SMYHVGDYV	1	>PBRM1-Y96 SMYHVGDHV	2	1
>PBRM1-Y96 SMYHVGDYV	341	>PBRM1-Y96 SMYHVGDHV	560	219

>PBRM1-Y96 SMYHVGDYV	1	>PBRM1-Y96 SMYHVGDHV	1	0
>PBRM1-Y96 SMYHVGDYV	3	>PBRM1-Y96 SMYHVGDHV	4	1
>PBRM1-Y96 SMYHVGDYV	3	>PBRM1-Y96 SMYHVGDHV	3	0
>PBRM1-Y96 SMYHVGDYV	4	>PBRM1-Y96 SMYHVGDHV	4	0
>PBRM1-Y96 SMYHVGDYV	4	>PBRM1-Y96 SMYHVGDHV	4	0
>PBRM1-Y96 SMYHVGDYV	29	>PBRM1-Y96 SMYHVGDHV	400	371
>PBRM1-Y96 SMYHVGDYV	12	>PBRM1-Y96 SMYHVGDHV	26	14
>PBRM1-Y96 SMYHVGDYV	4	>PBRM1-Y96 SMYHVGDHV	6	2
>PBRM1-Y96 SMYHVGDYV	2	>PBRM1-Y96 SMYHVGDHV	2	0
>PBRM1-Y96 SMYHVGDY	106	>PBRM1-Y96 SMYHVGDH	377	271
>PBRM1-Y96 SMYHVGDYV	252	>PBRM1-Y96 SMYHVGDHV	450	198
>PBRM1-Y96 SMYHVGDYV	277	>PBRM1-Y96 SMYHVGDHV	1357	1080
>PBRM1-Y96 SMYHVGDY	15	>PBRM1-Y96 SMYHVGDH	1654	1639
>PBRM1-Y96 SMYHVGDYV	14	>PBRM1-Y96 SMYHVGDHV	42	28
>PBRM1-Y96 SMYHVGDY	19	>PBRM1-Y96 SMYHVGDH	3068	3049
>PBRM1-Y96 SMYHVGDYV	16	>PBRM1-Y96 SMYHVGDHV	24	8
>PBRM1-Y96 SMYHVGDYV	385	>PBRM1-Y96 SMYHVGDHV	1317	932
>PBRM1-Y96 SMYHVGDYV	257	>PBRM1-Y96 SMYHVGDHV	816	559
>PBRM1-Y96 SMYHVGDYV	138	>PBRM1-Y96 SMYHVGDHV	225	87
>PBRM1-Y96 SMYHVGDYV	173	>PBRM1-Y96 SMYHVGDHV	935	762
>PBRM1-Y96 SMYHVGDYV	50	>PBRM1-Y96 SMYHVGDHV	82	32
>PBRM1-Y96 SMYHVGDY	32	>PBRM1-Y96 SMYHVGDH	12310	12278
>PBRM1-Y96 SMYHVGDYV	45	>PBRM1-Y96 SMYHVGDHV	37	8
>PBRM1-Y96 SMYHVGDY	43	>PBRM1-Y96 SMYHVGDH	1592	1549
>PBRM1-Y96 SMYHVGDYV	896	>PBRM1-Y96 SMYHVGDHV	259	637
>PBRM1-Y96 SMYHVGDYV	35	>PBRM1-Y96 SMYHVGDHV	32	3
>PBRM1-Y96 SMYHVGDYV	780	>PBRM1-Y96 SMYHVGDHV	491	289
>PBRM1-Y96 SMYHVGDY	26	>PBRM1-Y96 SMYHVGDH	679	653
>PBRM1-Y96 SMYHVGDYV	15	>PBRM1-Y96 SMYHVGDHV	13	2
>PBRM1-Y96 SMYHVGDY	22	>PBRM1-Y96 SMYHVGDH	1387	1365
>PBRM1-Y96 SMYHVGDYV	158	>PBRM1-Y96 SMYHVGDHV	162	4
>PBRM1-Y96 SMYHVGDYV	14	>PBRM1-Y96 SMYHVGDHV	14	0
>PBRM1-Y96 SMYHVGDYV	54	>PBRM1-Y96 SMYHVGDHV	68	14
>PBRM1-Y96 SMYHVGDYV	309	>PBRM1-Y96 SMYHVGDHV	230	79
>PBRM1-Y96 NSMYHVGDI	404	>PBRM1-Y96 NSMYHVGDI	1472	1068
>PBRM1-Y96 NSMYHVGDI	445	>PBRM1-Y96 NSMYHVGDI	14150	13705
>PBRM1-Y96 NSMYHVGDI	338	>PBRM1-Y96 NSMYHVGDI	11279	10941
>PBRM1-Y96 NSMYHVGDI	15	>PBRM1-Y96 NSMYHVGDI	1944	1929
>PBRM1-Y96 NSMYHVGDI	53	>PBRM1-Y96 NSMYHVGDI	38	15
>PBRM1-Y96 NSMYHVGDI	237	>PBRM1-Y96 NSMYHVGDI	13249	13012
>PBRM1-Y96 NSMYHVGDI	128	>PBRM1-Y96 NSMYHVGDI	249	121
>PBRM1-Y96 NSMYHVGDI	165	>PBRM1-Y96 NSMYHVGDI	17271	17106
>PBRM1-Y96 NSMYHVGDI	62	>PBRM1-Y96 NSMYHVGDI	44	18

>PBRM1-Y96 NSMYHVG DY	454	>PBRM1-Y96 NSMYHVG D F	433	21
>PBRM1-Y96 NSMYHVG DY	20	>PBRM1-Y96 NSMYHVG D F	38	18
>PBRM1-Y96 NSMYHVG DY	133	>PBRM1-Y96 NSMYHVG D F	407	274
>PBRM1-Y96 NSMYHVG DY	261	>PBRM1-Y96 NSMYHVG D F	13143	12882
>PBRM1-Y96 NSMYHVG DY	108	>PBRM1-Y96 NSMYHVG D F	110	2
>PBRM1-Y96 NSMYHVG DY	434	>PBRM1-Y96 NSMYHVG D F	559	125
>PBRM1-Y96 NSMYHVG DY	443	>PBRM1-Y96 NSMYHVG D F	17785	17342
>PBRM1-Y96 NSMYHVG DY	107	>PBRM1-Y96 NSMYHVG D F	70	37
>PBRM1-Y96 NSMYHVG DY	124	>PBRM1-Y96 NSMYHVG D F	191	67
>PBRM1-Y96 KNSMYHVGC	87	>PBRM1-Y96 KNSMYHVGC	17340	17253
>PCM1-I169 ITVKQRCK	350	>PCM1-I169 ITVKQRCK	713	363
>PCM1-I169 ITVKQRCKRK	481	>PCM1-I169 ITVKQRCKRK	634	153
>PCM1-I169 ITVKQRCK	452	>PCM1-I169 ITVKQRCK	460	8
>PCM1-I169 ITVKQRCKR	33	>PCM1-I169 ITVKQRCKR	43	10
>PCM1-I169 ITVKQRCKR	248	>PCM1-I169 ITVKQRCKR	489	241
>PCM1-I169 ITVKQRCK	146	>PCM1-I169 ITVKQRCK	180	34
>PCM1-I169 ITVKQRCKR	17	>PCM1-I169 ITVKQRCKR	24	7
>PCM1-I169 ITVKQRCKRK	128	>PCM1-I169 ITVKQRCKRK	317	189
>PCM1-I169 ITVKQRCKR	143	>PCM1-I169 ITVKQRCKR	245	102
>PCM1-I169 ITVKQRCKRK	301	>PCM1-I169 ITVKQRCKRK	161	140
>PCM1-I169 SITVKQRC	7406	>PCM1-I169 SLTVKQRC	112	7294
>PCM1-I169 SITVKQRCKR	58	>PCM1-I169 SLTVKQRCKR	83	25
>PCM1-I169 SITVKQRCKR	244	>PCM1-I169 SLTVKQRCKR	1826	1582
>PCM1-I169 SITVKQRCKR	863	>PCM1-I169 SLTVKQRCKR	305	558
>PCM1-I169 KLMQDL DNN	20	>PCM1-I169 KLMQDL DNN	18	2
>PCM1-I169 KLMQDL DNN	6	>PCM1-I169 KLMQDL DNN	4	2
>PCM1-I169 KLMQDL DNN	11	>PCM1-I169 KLMQDL DNN	16	5
>PCM1-I169 KLMQDL DNN	31	>PCM1-I169 KLMQDL DNN	35	4
>PCM1-I169 KLMQDL DNN	26	>PCM1-I169 KLMQDL DNN	29	3
>PCM1-I169 KLMQDL DNN	7	>PCM1-I169 KLMQDL DNN	7	0
>PCM1-I169 KLMQDL DNN	101	>PCM1-I169 KLMQDL DNN	74	27
>PCM1-I169 KLMQDL DNN	20	>PCM1-I169 KLMQDL DNN	11	9
>PCM1-I169 KLMQDL DNN	32	>PCM1-I169 KLMQDL DNN	10	22
>PCM1-I169 KLMQDL DNN	20	>PCM1-I169 KLMQDL DNN	45	25
>PCM1-I169 NSITVKQR	632	>PCM1-I169 NSLTVKQR	425	207
>PCM1-I169 NSITVKQRCK	194	>PCM1-I169 NSLTVKQRCK	129	65
>PCM1-I169 NSITVKQRCK	291	>PCM1-I169 NSLTVKQRCK	249	42
>PCM1-I169 NSITVKQR	17	>PCM1-I169 NSLTVKQR	120	103
>PCM1-I169 NSITVKQRCK	15	>PCM1-I169 NSLTVKQRCK	102	87
>PCM1-I169 DNNSITVK	346	>PCM1-I169 DNNSLTVK	948	602
>PCM1-I169 LDNNSITV	160	>PCM1-I169 LDNNSLTV	132	28
>PCM1-I169 DLDNNSITV	7	>PCM1-I169 DLDNNSLTV	9	2
>PCM1-I169 DLDNNSITV	5	>PCM1-I169 DLDNNSLTV	8	3

>PCM1-I169€DLDNNSITV	9	>PCM1-I169€DLDNNSLTV	11	2
>PCM1-I169€DLDNNSITV	5	>PCM1-I169€DLDNNSLTV	6	1
>PCM1-I169€DLDNNSITV	10	>PCM1-I169€DLDNNSLTV	10	0
>PCM1-I169€DLDNNSITV	75	>PCM1-I169€DLDNNSLTV	115	40
>PCM1-I169€QDLDNNSI	343	>PCM1-I169€QDLDNNSL	9218	8875
>PCM1-I169€QDLDNNSI	128	>PCM1-I169€QDLDNNSL	1724	1596
>PCM1-I169€QDLDNNSITV	98	>PCM1-I169€QDLDNNSLTV	62	36
>PCM1-I169€MQDLDNNSI'	127	>PCM1-I169€MQDLDNNSL	139	12
>PCM1-I169€MQDLDNNSI	858	>PCM1-I169€MQDLDNNSL	243	615
>PCM1-I169€MQDLDNNSI	39	>PCM1-I169€MQDLDNNSL	43	4
>PCM1-I169€MQDLDNNSI'	7	>PCM1-I169€MQDLDNNSL	7	0
>PCM1-I169€MQDLDNNSI'	122	>PCM1-I169€MQDLDNNSL	166	44
>PCM1-I169€MQDLDNNSI'	35	>PCM1-I169€MQDLDNNSL	55	20
>PCM1-I169€MQDLDNNSI'	297	>PCM1-I169€MQDLDNNSL	373	76
>PCM1-I169€MQDLDNNSI'	487	>PCM1-I169€MQDLDNNSL	750	263
>PCM1-I169€MQDLDNNSI	344	>PCM1-I169€MQDLDNNSL	25	319
>PCM1-I169€MQDLDNNSI'	173	>PCM1-I169€MQDLDNNSL	233	60
>PCM1-I169€LMQDLDNNS	65	>PCM1-I169€LMQDLDNNS	36	29
>PCM1-I169€LMQDLDNNS	1692	>PCM1-I169€LMQDLDNNS	438	1254
>PCM1-I169€LMQDLDNNS	160	>PCM1-I169€LMQDLDNNS	229	69
>PCM1-I169€LMQDLDNNS	406	>PCM1-I169€LMQDLDNNS	459	53
>PCM1-I169€LMQDLDNNS	55	>PCM1-I169€LMQDLDNNS	62	7
>PCM1-I169€LMQDLDNNS	10	>PCM1-I169€LMQDLDNNS	10	0
>PCM1-I169€LMQDLDNNS	401	>PCM1-I169€LMQDLDNNS	294	107
>PCM1-I169€LMQDLDNNS	285	>PCM1-I169€LMQDLDNNS	188	97
>PCM1-I169€LMQDLDNNS	16	>PCM1-I169€LMQDLDNNS	6	10
>PCM1-I169€LMQDLDNNS	103	>PCM1-I169€LMQDLDNNS	43	60
>PCM1-I169€LMQDLDNNS	528	>PCM1-I169€LMQDLDNNS	222	306
>PCM1-Q43€SSPQRSVDQF	299	>PCM1-Q43€SSPERSVDQR	163	136
>PCM1-Q43€SSSPQRSVDC	274	>PCM1-Q43€SSSPERSVDQ	393	119
>PCM1-Q43€SSSPQRSVDC	199	>PCM1-Q43€SSSPERSVDQ	601	402
>PCM1-Q43€SSSPQRSVDC	43	>PCM1-Q43€SSSPERSVDQ	40	3
>PCM1-Q43€SSSPQRSV	323	>PCM1-Q43€SSSPERSV	1112	789
>PCM1-Q43€SSSPQRSVDC	356	>PCM1-Q43€SSSPERSVDQ	402	46
>PCM1-Q43€SSSSPQRSV	351	>PCM1-Q43€SSSSPERSV	2001	1650
>PCM1-Q43€SSSSPQRSV	309	>PCM1-Q43€SSSSPERSV	473	164
>PCM1-Q43€NSSSSPQR	19	>PCM1-Q43€NSSSSPER	15	4
>PCM1-Q43€NSSSSPQRSV	175	>PCM1-Q43€NSSSSPERSV	210	35
>PCM1-Q43€NNSSSSPQR	90	>PCM1-Q43€NNSSSSPER	103	13
>PCM1-Q43€HLNNSSSSPQ	84	>PCM1-Q43€HLNNSSSSPE	121	37
>PCM1-Q43€HLNNSSSSPQ	30	>PCM1-Q43€HLNNSSSSPE	30	0
>PCM1-Q43€HLNNSSSSPQ	67	>PCM1-Q43€HLNNSSSSPE	65	2
>PCM1-Q43€HLNNSSSSPQ	403	>PCM1-Q43€HLNNSSSSPE	1594	1191



>PDE4DIP-G1GRGSTSNFY	130	>PDE4DIP-G1ARGSTSNFY	79	51
>PDE4DIP-G1GRGSTSNFY	2284	>PDE4DIP-G1ARGSTSNFY	267	2017
>PDE4DIP-G1GRGSTSNF	75	>PDE4DIP-G1ARGSTSNF	17	58
>PDE4DIP-G1GRGSTSNFY	580	>PDE4DIP-G1ARGSTSNFY	133	447
>PDE4DIP-G1GRGSTSNFY	497	>PDE4DIP-G1ARGSTSNFY	1526	1029
>PDE4DIP-G1RGRGSTSNFY	1881	>PDE4DIP-G1RARGSTSNFY	499	1382
>PDE4DIP-G1RGRGSTSN	672	>PDE4DIP-G1RARGSTSN	107	565
>PDE4DIP-G1RGRGSTSNF	280	>PDE4DIP-G1RARGSTSNF	36	244
>PDE4DIP-G1RGRGSTSNFY	10	>PDE4DIP-G1RARGSTSNFY	5	5
>PDE4DIP-G1RGRGSTSNFY	29	>PDE4DIP-G1RARGSTSNFY	8	21
>PDE4DIP-G1RGRGSTSNFY	87	>PDE4DIP-G1RARGSTSNFY	50	37
>PDE4DIP-G1RGRGSTSNFY	1066	>PDE4DIP-G1RARGSTSNFY	321	745
>PDE4DIP-G1RGRGSTSNF	879	>PDE4DIP-G1RARGSTSNF	18	861
>PDE4DIP-G1RGRGSTSNF	148	>PDE4DIP-G1RARGSTSNF	65	83
>PDE4DIP-G1RGRGSTSNFY	125	>PDE4DIP-G1RARGSTSNFY	70	55
>PDE4DIP-G1RGRGSTSNF	22	>PDE4DIP-G1RARGSTSNF	6	16
>PDE4DIP-G1RGRGSTSNFY	260	>PDE4DIP-G1RARGSTSNFY	29	231
>PDE4DIP-G1RGRGSTSNF	8	>PDE4DIP-G1RARGSTSNF	3	5
>PDE4DIP-G1RGRGSTSNFY	31	>PDE4DIP-G1RARGSTSNFY	5	26
>PDE4DIP-G1RGRGSTSNF	2178	>PDE4DIP-G1RARGSTSNF	141	2037
>PDE4DIP-G1RGRGSTSNFY	1567	>PDE4DIP-G1RARGSTSNFY	124	1443
>PDE4DIP-G1RGRGSTSNF	8264	>PDE4DIP-G1RARGSTSNF	377	7887
>PDE4DIP-G1RGRGSTSNF	19	>PDE4DIP-G1RARGSTSNF	13	6
>PDE4DIP-G1RGRGSTSNFY	46	>PDE4DIP-G1RARGSTSNFY	51	5
>PDE4DIP-G1LEHRLTSTAR/	6533	>PDE4DIP-G1LEHRLTSTAR/	111	6422
>PDE4DIP-G1LEHRLTSTAR/	2236	>PDE4DIP-G1LEHRLTSTAR/	316	1920
>PDE4DIP-G1ARGRGSTSNF	347	>PDE4DIP-G1ARARGSTSNF	125	222
>PDE4DIP-G1ARGRGSTSNF	387	>PDE4DIP-G1ARARGSTSNF	789	402
>PDE4DIP-G1ARGRGSTSNF	23	>PDE4DIP-G1ARARGSTSNF	7	16
>PDE4DIP-G1ARGRGSTSNF	223	>PDE4DIP-G1ARARGSTSNF	37	186
>PDE4DIP-G1ARGRGSTSNF	441	>PDE4DIP-G1ARARGSTSNF	256	185
>PDE4DIP-G1TARGRGSTSN	296	>PDE4DIP-G1TARARGSTSN	334	38
>PDE4DIP-G1TARGRGSTSN	463	>PDE4DIP-G1TARARGSTSN	234	229
>PDE4DIP-G1TARGRGSTSN	323	>PDE4DIP-G1TARARGSTSN	252	71
>PDE4DIP-G1TARGRGSTSN	93	>PDE4DIP-G1TARARGSTSN	29	64
>PDE4DIP-G1TARGRGSTSN	7	>PDE4DIP-G1TARARGSTSN	6	1
>PDE4DIP-G1TARGRGSTSN	38	>PDE4DIP-G1TARARGSTSN	63	25
>PDE4DIP-G1LTSTARGR	618	>PDE4DIP-G1LTSTARAR	159	459
>PDE4DIP-G1LTSTARGR	26	>PDE4DIP-G1LTSTARAR	25	1
>PDE4DIP-G1RLTSTARG	8677	>PDE4DIP-G1RLTSTARA	77	8600
>PDE4DIP-G1RLTSTARG	7925	>PDE4DIP-G1RLTSTARA	154	7771
>PDE4DIP-G1RLTSTARG	15662	>PDE4DIP-G1RLTSTARA	459	15203
>PDE4DIP-G1RLTSTARG	7455	>PDE4DIP-G1RLTSTARA	23	7432

>PDE4DIP-G1RLTSTARGR	200	>PDE4DIP-G1RLTSTARAR	56	144
>PDE4DIP-G1RLTSTARGR	363	>PDE4DIP-G1RLTSTARAR	458	95
>PDE4DIP-G1HRLTSTARGR	27	>PDE4DIP-G1HRLTSTARAR	25	2
>PDE4DIP-G1HRLTSTARGR	127	>PDE4DIP-G1HRLTSTARAR	182	55
>PDE4DIP-V€ VQALMERNNS	660	>PDE4DIP-V€ LQALMERNNSI	216	444
>PDE4DIP-V€ VQALMERNNS	328	>PDE4DIP-V€ LQALMERNNSI	194	134
>PDE4DIP-V€ LVQALMER	248	>PDE4DIP-V€ LLQALMER	2448	2200
>PDE4DIP-V€ LVQALMER	40	>PDE4DIP-V€ LLQALMER	64	24
>PDE4DIP-V€ LVQALMER	445	>PDE4DIP-V€ LLQALMER	581	136
>PDE4DIP-V€ LVQALMER	157	>PDE4DIP-V€ LLQALMER	805	648
>PDE4DIP-V€ QESQAAA EKI	16	>PDE4DIP-V€ QESQAAA EKI	31	15
>PDE4DIP-V€ QESQAAA EKI	625	>PDE4DIP-V€ QESQAAA EKI	54	571
>PDE4DIP-V€ QESQAAA EKI	173	>PDE4DIP-V€ QESQAAA EKI	1989	1816
>PDE4DIP-V€ QESQAAA EKI	169	>PDE4DIP-V€ QESQAAA EKI	333	164
>PDE4DIP-V€ KLVQALMER	630	>PDE4DIP-V€ KLLQALMER	234	396
>PDE4DIP-V€ KLVQALMER	126	>PDE4DIP-V€ KLLQALMER	51	75
>PDE4DIP-V€ KLVQALMER	49	>PDE4DIP-V€ KLLQALMER	37	12
>PDE4DIP-V€ AEKLVQAL	28	>PDE4DIP-V€ AEKLLQAL	85	57
>PDE4DIP-V€ AEKLVQALM	241	>PDE4DIP-V€ AEKLLQALM	312	71
>PDE4DIP-V€ AEKLVQAL	60	>PDE4DIP-V€ AEKLLQAL	60	0
>PDE4DIP-V€ AEKLVQAL	35	>PDE4DIP-V€ AEKLLQAL	19	16
>PDE4DIP-V€ AEKLVQALM	343	>PDE4DIP-V€ AEKLLQALM	95	248
>PDE4DIP-V€ AEKLVQAL	212	>PDE4DIP-V€ AEKLLQAL	228	16
>PDE4DIP-V€ AEKLVQALM	325	>PDE4DIP-V€ AEKLLQALM	332	7
>PDE4DIP-V€ AEKLVQAL	108	>PDE4DIP-V€ AEKLLQAL	95	13
>PDE4DIP-V€ AEKLVQALM	484	>PDE4DIP-V€ AEKLLQALM	417	67
>PDE4DIP-V€ AEKLVQAL	118	>PDE4DIP-V€ AEKLLQAL	160	42
>PDE4DIP-V€ AEKLVQALM	19	>PDE4DIP-V€ AEKLLQALM	19	0
>PDE4DIP-V€ AEKLVQALMI	518	>PDE4DIP-V€ AEKLLQALME	447	71
>PDE4DIP-V€ AAAEKLVQA	476	>PDE4DIP-V€ AAAEKLLQA	387	89
>PDE4DIP-V€ AAAEKLVQA	360	>PDE4DIP-V€ AAAEKLLQA	415	55
>PDE4DIP-V€ AAAEKLVQAL	127	>PDE4DIP-V€ AAAEKLLQAL	124	3
>PDE4DIP-V€ AAAEKLVQAL	155	>PDE4DIP-V€ AAAEKLLQAL	73	82
>PDE4DIP-V€ QAAA EKL V	398	>PDE4DIP-V€ QAAA EKL L	4058	3660
>PDE4DIP-V€ SQAAA EKL V	482	>PDE4DIP-V€ SQAAA EKL L	552	70
>PDE4DIP-V€ SQAAA EKL VC	534	>PDE4DIP-V€ SQAAA EKL LC	475	59
>PDE4DIP-V€ SQAAA EKL V	108	>PDE4DIP-V€ SQAAA EKL L	827	719
>PDE4DIP-V€ SQAAA EKL VC	122	>PDE4DIP-V€ SQAAA EKL LC	129	7
>PDE4DIP-V€ SQAAA EKL V	426	>PDE4DIP-V€ SQAAA EKL L	8096	7670
>PDE4DIP-V€ SQAAA EKL V	6964	>PDE4DIP-V€ SQAAA EKL L	498	6466
>PDE4DIP-V€ SQAAA EKL V	9877	>PDE4DIP-V€ SQAAA EKL L	434	9443
>PDGFRA-A2 ATSELDLEM	14	>PDGFRA-A2 VTSELDLEM	10	4
>PDGFRA-A2 ATSELDLEM	566	>PDGFRA-A2 VTSELDLEM	202	364

>PDGFRA-A2 ATSELDLEM	518	>PDGFRA-A2 VTSELDLEM	85	433
>PDGFRA-A2 ATSELDLEM	257	>PDGFRA-A2 VTSELDLEM	150	107
>PDGFRA-A2 KATSELDL	488	>PDGFRA-A2 KVTSELDL	4148	3660
>PDGFRA-A2 KATSELDLEM	155	>PDGFRA-A2 KVTSELDLEM	1207	1052
>PDGFRA-A2 KATSELDLEM	67	>PDGFRA-A2 KVTSELDLEM	315	248
>PDGFRA-A2 TIPFNVYALK/	1492	>PDGFRA-A2 TIPFNVYALK\	159	1333
>PDGFRA-A2 TIPFNVYALK/	5479	>PDGFRA-A2 TIPFNVYALK\	164	5315
>PDGFRA-A2 TIPFNVYALK/	8716	>PDGFRA-A2 TIPFNVYALK\	77	8639
>PDGFRA-A2 TIPFNVYALK/	437	>PDGFRA-A2 TIPFNVYALK\	50	387
>PDGFRA-A2 LKATSELDL	27	>PDGFRA-A2 LKVTSELDL	23	4
>PDGFRA-A2 LKATSELDLEM	27	>PDGFRA-A2 LKVTSELDLEM	22	5
>PDGFRA-A2 ALKATSEL	17	>PDGFRA-A2 ALKVTSEL	52	35
>PDGFRA-A2 ALKATSELDL	148	>PDGFRA-A2 ALKVTSELDL	428	280
>PDGFRA-A2 ALKATSEL	13	>PDGFRA-A2 ALKVTSEL	44	31
>PDGFRA-A2 ALKATSELDL	312	>PDGFRA-A2 ALKVTSELDL	743	431
>PDGFRA-A2 ALKATSEL	259	>PDGFRA-A2 ALKVTSEL	563	304
>PDGFRA-A2 ALKATSEL	288	>PDGFRA-A2 ALKVTSEL	490	202
>PDGFRA-A2 ALKATSEL	5	>PDGFRA-A2 ALKVTSEL	9	4
>PDGFRA-A2 ALKATSELDL	25	>PDGFRA-A2 ALKVTSELDL	65	40
>PDGFRA-A2 ALKATSEL	424	>PDGFRA-A2 ALKVTSEL	823	399
>PDGFRA-A2 ALKATSEL	234	>PDGFRA-A2 ALKVTSEL	572	338
>PDGFRA-A2 ALKATSEL	285	>PDGFRA-A2 ALKVTSEL	444	159
>PDGFRA-A2 YALKATSEL	65	>PDGFRA-A2 YALKVTSEL	504	439
>PDGFRA-A2 YALKATSEL	605	>PDGFRA-A2 YALKVTSEL	313	292
>PDGFRA-A2 YALKATSEL	276	>PDGFRA-A2 YALKVTSEL	193	83
>PDGFRA-A2 YALKATSEL	57	>PDGFRA-A2 YALKVTSEL	47	10
>PDGFRA-A2 YALKATSEL	367	>PDGFRA-A2 YALKVTSEL	54	313
>PDGFRA-A2 YALKATSEL	442	>PDGFRA-A2 YALKVTSEL	150	292
>PDGFRA-A2 YALKATSEL	275	>PDGFRA-A2 YALKVTSEL	427	152
>PDGFRA-A2 YALKATSEL	60	>PDGFRA-A2 YALKVTSEL	85	25
>PDGFRA-A2 YALKATSEL	392	>PDGFRA-A2 YALKVTSEL	974	582
>PDGFRA-A2 YALKATSEL	91	>PDGFRA-A2 YALKVTSEL	163	72
>PDGFRA-A2 YALKATSELDI	230	>PDGFRA-A2 YALKVTSELDI	354	124
>PDGFRA-A2 YALKATSEL	21	>PDGFRA-A2 YALKVTSEL	112	91
>PDGFRA-A2 YALKATSELDI	83	>PDGFRA-A2 YALKVTSELDI	294	211
>PDGFRA-A2 YALKATSEL	51	>PDGFRA-A2 YALKVTSEL	107	56
>PDGFRA-A2 YALKATSELDI	365	>PDGFRA-A2 YALKVTSELDI	618	253
>PDGFRA-A2 YALKATSEL	539	>PDGFRA-A2 YALKVTSEL	446	93
>PDGFRA-A2 YALKATSEL	543	>PDGFRA-A2 YALKVTSEL	210	333
>PDGFRA-A2 YALKATSEL	114	>PDGFRA-A2 YALKVTSEL	48	66
>PDGFRA-A2 VYALKATSEL	50	>PDGFRA-A2 VYALKVTSEL	40	10
>PDGFRA-A2 VYALKATSEL	218	>PDGFRA-A2 VYALKVTSEL	258	40
>PDGFRA-A2 VYALKATSEL	30	>PDGFRA-A2 VYALKVTSEL	21	9

>PDGFRA-A2 NVYALKATSE	111	>PDGFRA-A2 NVYALKVTSE	121	10
>PDGFRA-A2 NVYALKATSE	207	>PDGFRA-A2 NVYALKVTSE	284	77
>PDGFRA-A2 NVYALKATSE	492	>PDGFRA-A2 NVYALKVTSE	459	33
>PDGFRA-A2 NVYALKATSE	19	>PDGFRA-A2 NVYALKVTSE	17	2
>PDGFRA-A2 NVYALKATSE	46	>PDGFRA-A2 NVYALKVTSE	66	20
>PDGFRA-A2 IPFNVYALKA	3947	>PDGFRA-A2 IPFNVYALKV	76	3871
>PDGFRA-A2 IPFNVYALKA	19	>PDGFRA-A2 IPFNVYALKV	38	19
>PDGFRA-A2 IPFNVYALKA	21	>PDGFRA-A2 IPFNVYALKV	45	24
>PDGFRA-A5 AENRELKLV	20	>PDGFRA-A5 DENRELKLV	14	6
>PDGFRA-A5 AENRELKL	16680	>PDGFRA-A5 DENRELKL	407	16273
>PDGFRA-A5 AENRELKL	271	>PDGFRA-A5 DENRELKL	4928	4657
>PDGFRA-A5 AENRELKL	229	>PDGFRA-A5 DENRELKL	5897	5668
>PDGFRA-A5 AENRELKL	360	>PDGFRA-A5 DENRELKL	2320	1960
>PDGFRA-A5 AENRELKLV	300	>PDGFRA-A5 DENRELKLV	2221	1921
>PDGFRA-A5 AENRELKLV	197	>PDGFRA-A5 DENRELKLV	12835	12638
>PDGFRA-A5 AENRELKLVA	49	>PDGFRA-A5 DENRELKLVA	1112	1063
>PDGFRA-A5 AENRELKLV	23	>PDGFRA-A5 DENRELKLV	3399	3376
>PDGFRA-A5 GAENRELKLV	32015	>PDGFRA-A5 GDENRELKLV	277	31738
>PDGFRA-A5 LLGAENREL	67	>PDGFRA-A5 LLGDENREL	32	35
>PDGFRA-A5 LLGAENRELK	179	>PDGFRA-A5 LLGDENRELK	96	83
>PDGFRA-A5 LLGAENREL	111	>PDGFRA-A5 LLGDENREL	32	79
>PDGFRA-A5 LLGAENRELK	166	>PDGFRA-A5 LLGDENRELK	57	109
>PDGFRA-A5 LLGAENREL	706	>PDGFRA-A5 LLGDENREL	122	584
>PDGFRA-A5 LLGAENRELK	761	>PDGFRA-A5 LLGDENRELK	180	581
>PDGFRA-A5 LLGAENREL	1394	>PDGFRA-A5 LLGDENREL	484	910
>PDGFRA-A5 LLGAENRELK	350	>PDGFRA-A5 LLGDENRELK	146	204
>PDGFRA-A5 LLGAENREL	1916	>PDGFRA-A5 LLGDENREL	379	1537
>PDGFRA-A5 LLGAENRELK	1460	>PDGFRA-A5 LLGDENRELK	352	1108
>PDGFRA-A5 LLGAENREL	17	>PDGFRA-A5 LLGDENREL	5	12
>PDGFRA-A5 LLGAENRELK	10	>PDGFRA-A5 LLGDENRELK	4	6
>PDGFRA-A5 NLLGAENREL	473	>PDGFRA-A5 NLLGDENREL	366	107
>PDGFRA-A5 NLLGAENREL	143	>PDGFRA-A5 NLLGDENREL	127	16
>PDGFRA-A5 NLLGAENREL	381	>PDGFRA-A5 NLLGDENREL	436	55
>PDGFRA-A5 NLLGAENREL	106	>PDGFRA-A5 NLLGDENREL	86	20
>PDGFRA-A5 NLLGAENREL	452	>PDGFRA-A5 NLLGDENREL	237	215
>PDGFRA-A5 NLLGAENREL	293	>PDGFRA-A5 NLLGDENREL	388	95
>PDGFRA-A5 NLLGAENREL	141	>PDGFRA-A5 NLLGDENREL	114	27
>PDGFRA-A5 NLLGAENREL	43	>PDGFRA-A5 NLLGDENREL	30	13
>PDGFRA-A5 NLLGAENR	429	>PDGFRA-A5 NLLGDENR	800	371
>PDGFRA-A5 NLLGAENR	457	>PDGFRA-A5 NLLGDENR	683	226
>PDGFRA-A5 KNLLGAENR	320	>PDGFRA-A5 KNLLGDENR	293	27
>PDGFRA-A5 LAKNLLGAEN	66	>PDGFRA-A5 LAKNLLGDEN	95	29
>PDGFRA-A5 LAKNLLGAEN	261	>PDGFRA-A5 LAKNLLGDEN	363	102

>PDGFRA-A5 CLAKNLLGA	231	>PDGFRA-A5 CLAKNLLGD	11107	10876
>PDGFRA-A5 CLAKNLLGA	37	>PDGFRA-A5 CLAKNLLGD	10728	10691
>PDGFRA-A5 CLAKNLLGA	311	>PDGFRA-A5 CLAKNLLGD	23426	23115
>PDGFRA-A5 CLAKNLLGA	371	>PDGFRA-A5 CLAKNLLGD	19386	19015
>PDGFRA-A5 CLAKNLLGA	359	>PDGFRA-A5 CLAKNLLGD	18944	18585
>PDGFRA-A5 CLAKNLLGA	60	>PDGFRA-A5 CLAKNLLGD	21358	21298
>PDGFRA-C2 CAVFNNEV	1179	>PDGFRA-C2 YAVFNNEV	201	978
>PDGFRA-C2 CAVFNNEVV	172	>PDGFRA-C2 YAVFNNEVV	22	150
>PDGFRA-C2 CAVFNNEVVI	1245	>PDGFRA-C2 YAVFNNEVVI	219	1026
>PDGFRA-C2 CAVFNNEV	1106	>PDGFRA-C2 YAVFNNEV	103	1003
>PDGFRA-C2 CAVFNNEV	2773	>PDGFRA-C2 YAVFNNEV	210	2563
>PDGFRA-C2 CAVFNNEV	2178	>PDGFRA-C2 YAVFNNEV	37	2141
>PDGFRA-C2 CAVFNNEVV	6027	>PDGFRA-C2 YAVFNNEVV	215	5812
>PDGFRA-C2 CAVFNNEV	7006	>PDGFRA-C2 YAVFNNEV	120	6886
>PDGFRA-C2 CAVFNNEVV	8717	>PDGFRA-C2 YAVFNNEVV	177	8540
>PDGFRA-C2 CAVFNNEV	8425	>PDGFRA-C2 YAVFNNEV	73	8352
>PDGFRA-C2 CAVFNNEVV	13941	>PDGFRA-C2 YAVFNNEVV	371	13570
>PDGFRA-C2 CAVFNNEV	28	>PDGFRA-C2 YAVFNNEV	17	11
>PDGFRA-C2 CAVFNNEVV	59	>PDGFRA-C2 YAVFNNEVV	29	30
>PDGFRA-C2 CAVFNNEV	2046	>PDGFRA-C2 YAVFNNEV	51	1995
>PDGFRA-C2 CAVFNNEVV	6971	>PDGFRA-C2 YAVFNNEVV	274	6697
>PDGFRA-C2 CAVFNNEVVI	5063	>PDGFRA-C2 YAVFNNEVVI	276	4787
>PDGFRA-C2 TCAVFNNEV	23312	>PDGFRA-C2 TYAVFNNEV	107	23205
>PDGFRA-C2 TCAVFNNEV\	22192	>PDGFRA-C2 TYAVFNNEV\	129	22063
>PDGFRA-C2 TCAVFNNEV	213	>PDGFRA-C2 TYAVFNNEV	164	49
>PDGFRA-C2 TCAVFNNEV	25028	>PDGFRA-C2 TYAVFNNEV	267	24761
>PDGFRA-C2 TCAVFNNEV	32	>PDGFRA-C2 TYAVFNNEV	92	60
>PDGFRA-C2 TCAVFNNEV	277	>PDGFRA-C2 TYAVFNNEV	3569	3292
>PDGFRA-C2 YKSGETIVVT(\	25328	>PDGFRA-C2 YKSGETIVVTY	427	24901
>PDGFRA-C2 YKSGETIVVT(\	1258	>PDGFRA-C2 YKSGETIVVTY	6	1252
>PDGFRA-C2 YKSGETIVVT(\	18191	>PDGFRA-C2 YKSGETIVVTY	156	18035
>PDGFRA-C2 YKSGETIVVT(\	33954	>PDGFRA-C2 YKSGETIVVTY	127	33827
>PDGFRA-C2 VTCAVFNNE\	1472	>PDGFRA-C2 VTYAVFNNE\	227	1245
>PDGFRA-C2 VTCAVFNNE\	1348	>PDGFRA-C2 VTYAVFNNE\	283	1065
>PDGFRA-C2 VTCAVFNNE\	922	>PDGFRA-C2 VTYAVFNNE\	134	788
>PDGFRA-C2 VTCAVFNNE\	2057	>PDGFRA-C2 VTYAVFNNE\	164	1893
>PDGFRA-C2 VTCAVFNNE\	303	>PDGFRA-C2 VTYAVFNNE\	118	185
>PDGFRA-C2 VTCAVFNNE\	357	>PDGFRA-C2 VTYAVFNNE\	76	281
>PDGFRA-C2 VTCAVFNNE\	103	>PDGFRA-C2 VTYAVFNNE\	9	94
>PDGFRA-C2 VTCAVFNNE\	109	>PDGFRA-C2 VTYAVFNNE\	10	99
>PDGFRA-C2 VTCAVFNNE\	2186	>PDGFRA-C2 VTYAVFNNE\	50	2136
>PDGFRA-C2 VTCAVFNNE\	3823	>PDGFRA-C2 VTYAVFNNE\	104	3719
>PDGFRA-C2 VTCAVFNNE\	739	>PDGFRA-C2 VTYAVFNNE\	54	685

>PDGFRA-C2 VTCAVFNNE\	1793	>PDGFRA-C2 VTYAVFNNE\	137	1656
>PDGFRA-C2 VTCAVFNNE\	66	>PDGFRA-C2 VTYAVFNNE\	22	44
>PDGFRA-C2 VTCAVFNNE\	67	>PDGFRA-C2 VTYAVFNNE\	16	51
>PDGFRA-C2 VTCAVFNNE\	1077	>PDGFRA-C2 VTYAVFNNE\	26	1051
>PDGFRA-C2 VTCAVFNNE\	3306	>PDGFRA-C2 VTYAVFNNE\	130	3176
>PDGFRA-C2 VTCAVFNNE\	1011	>PDGFRA-C2 VTYAVFNNE\	278	733
>PDGFRA-C2 VTCAVFNNE\	1383	>PDGFRA-C2 VTYAVFNNE\	413	970
>PDGFRA-C2 VTCAVFNNE\	2151	>PDGFRA-C2 VTYAVFNNE\	496	1655
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>PDGFRA-C2 VVTCAVFNNI	331	>PDGFRA-C2 VVTYAVFNNE\	424	93
>PDGFRA-C2 VVTCAVFNNI	119	>PDGFRA-C2 VVTYAVFNNE\	111	8
>PDGFRA-C2 VVTCAVFNNI	159	>PDGFRA-C2 VVTYAVFNNE\	265	106
>PDGFRA-C2 VVTCAVFNNI	39	>PDGFRA-C2 VVTYAVFNNE\	56	17
>PDGFRA-C2 VVTCAVFNNI	151	>PDGFRA-C2 VVTYAVFNNE\	684	533
>PDGFRA-C2 VVTCAVFNNI	230	>PDGFRA-C2 VVTYAVFNNE\	1151	921
>PDGFRA-C2 VVTCAVFNNI	204	>PDGFRA-C2 VVTYAVFNNE\	294	90
>PDGFRA-C2 VVTCAVFNNI	448	>PDGFRA-C2 VVTYAVFNNE\	820	372
>PDGFRA-C2 VVTCAVFNNI	31	>PDGFRA-C2 VVTYAVFNNE\	35	4
>PDGFRA-C2 VVTCAVFNNI	23	>PDGFRA-C2 VVTYAVFNNE\	27	4
>PDGFRA-C2 VVTCAVFNNI	339	>PDGFRA-C2 VVTYAVFNNE\	766	427
>PDGFRA-C2 IVVTCAVF	10570	>PDGFRA-C2 IVVTYAVF	355	10215
>PDGFRA-C2 IVVTCAVF	199	>PDGFRA-C2 IVVTYAVF	69	130
>PDGFRA-C2 IVVTCAVF	210	>PDGFRA-C2 IVVTYAVF	181	29
>PDGFRA-C2 IVVTCAVF	78	>PDGFRA-C2 IVVTYAVF	45	33
>PDGFRA-C2 IVVTCAVF	49	>PDGFRA-C2 IVVTYAVF	34	15
>PDGFRA-C2 IVVTCAVF	250	>PDGFRA-C2 IVVTYAVF	235	15
>PDGFRA-C2 IVVTCAVF	516	>PDGFRA-C2 IVVTYAVF	205	311
>PDGFRA-C2 TIVVTCAV	541	>PDGFRA-C2 TIVVTYAV	147	394
>PDGFRA-C2 TIVVTCAV	114	>PDGFRA-C2 TIVVTYAV	81	33
>PDGFRA-C2 TIVVTCAV	52	>PDGFRA-C2 TIVVTYAV	37	15
>PDGFRA-C2 TIVVTCAV	221	>PDGFRA-C2 TIVVTYAV	100	121
>PDGFRA-C2 TIVVTCAV	768	>PDGFRA-C2 TIVVTYAV	179	589
>PDGFRA-C2 TIVVTCAV	522	>PDGFRA-C2 TIVVTYAV	393	129
>PDGFRA-C2 TIVVTCAV	42	>PDGFRA-C2 TIVVTYAV	63	21
>PDGFRA-C2 TIVVTCAVF	343	>PDGFRA-C2 TIVVTYAVF	187	156
>PDGFRA-C2 TIVVTCAVF	668	>PDGFRA-C2 TIVVTYAVF	164	504
>PDGFRA-C2 TIVVTCAV	87	>PDGFRA-C2 TIVVTYAV	24	63
>PDGFRA-C2 TIVVTCAV	68	>PDGFRA-C2 TIVVTYAV	30	38
>PDGFRA-C2 TIVVTCAVF	118	>PDGFRA-C2 TIVVTYAVF	144	26
>PDGFRA-C2 TIVVTCAVF	296	>PDGFRA-C2 TIVVTYAVF	154	142
>PDGFRA-C2 TIVVTCAVF	425	>PDGFRA-C2 TIVVTYAVF	1020	595
>PDGFRA-C2 ETIVVTCAV	570	>PDGFRA-C2 ETIVVTYAV	206	364
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>PDGFRA-C2 ETIVVTCVF	458	>PDGFRA-C2 ETIVVTYAV	680	222
>PDGFRA-C2 ETIVVTCVF	191	>PDGFRA-C2 ETIVVTYAVF	85	106
>PDGFRA-C2 ETIVVTCVF	36	>PDGFRA-C2 ETIVVTYAV	62	26
>PDGFRA-C2 ETIVVTCVF	52	>PDGFRA-C2 ETIVVTYAVF	39	13
>PDGFRA-C2 ETIVVTCVF	535	>PDGFRA-C2 ETIVVTYAV	246	289
>PDGFRA-C2 ETIVVTCVF	209	>PDGFRA-C2 ETIVVTYAVF	44	165
>PDGFRA-C2 ETIVVTCVF	7	>PDGFRA-C2 ETIVVTYAVF	4	3
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>PDGFRA-C2 ETIVVTCVF	551	>PDGFRA-C2 ETIVVTYAV	192	359
>PDGFRA-C2 ETIVVTCVF	99	>PDGFRA-C2 ETIVVTYAVF	63	36
>PDGFRA-C2 ETIVVTCVF	1294	>PDGFRA-C2 ETIVVTYAV	161	1133
>PDGFRA-C2 ETIVVTCVF	510	>PDGFRA-C2 ETIVVTYAVF	356	154
>PDGFRA-C2 ETIVVTCVF	843	>PDGFRA-C2 ETIVVTYAV	183	660
>PDGFRA-C2 ETIVVTCVF	1116	>PDGFRA-C2 ETIVVTYAV	345	771
>PDGFRA-C2 ETIVVTCVF	81	>PDGFRA-C2 ETIVVTYAVF	45	36
>PDGFRA-C2 ETIVVTCVF	14	>PDGFRA-C2 ETIVVTYAV	6	8
>PDGFRA-C2 ETIVVTCVF	5	>PDGFRA-C2 ETIVVTYAV	4	1
>PDGFRA-C2 ETIVVTCVF	428	>PDGFRA-C2 ETIVVTYAVF	235	193
>PDGFRA-C2 ETIVVTCVF	512	>PDGFRA-C2 ETIVVTYAV	27	485
>PDGFRA-C2 ETIVVTCVF	4	>PDGFRA-C2 ETIVVTYAV	4	0
>PDGFRA-C2 ETIVVTCVF	162	>PDGFRA-C2 ETIVVTYAVF	249	87
>PDGFRA-C2 ETIVVTCVF	452	>PDGFRA-C2 ETIVVTYAVF	316	136
>PDGFRA-C2 ETIVVTCVF	13	>PDGFRA-C2 ETIVVTYAVF	15	2
>PDGFRA-C2 ETIVVTCVF	278	>PDGFRA-C2 ETIVVTYAVF	125	153
>PDGFRA-C2 ETIVVTCVF	1467	>PDGFRA-C2 ETIVVTYAVF	440	1027
>PDGFRA-C2 ETIVVTCVF	51	>PDGFRA-C2 ETIVVTYAV	94	43
>PDGFRA-C2 ETIVVTCVF	15933	>PDGFRA-C2 ETIVVTYAV	292	15641
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>PDGFRA-C2 ETIVVTCVF	167	>PDGFRA-C2 ETIVVTYAV	285	118
>PDGFRA-C2 ETIVVTCVF	1857	>PDGFRA-C2 ETIVVTYAV	194	1663
>PDGFRA-C2 ETIVVTCVF	276	>PDGFRA-C2 ETIVVTYAVF	314	38
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>PDGFRA-C2 ETIVVTCVF	286	>PDGFRA-C2 ETIVVTYAVF	264	22
>PDGFRA-C2 ETIVVTCVF	4239	>PDGFRA-C2 ETIVVTYAV	130	4109
>PDGFRA-C2 ETIVVTCVF	297	>PDGFRA-C2 ETIVVTYAVF	191	106
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>PDGFRA-C2 ETIVVTCVF	154	>PDGFRA-C2 ETIVVTYAV	131	23
>PDGFRA-C2 ETIVVTCVF	927	>PDGFRA-C2 ETIVVTYAV	265	662
>PDGFRA-C2 ETIVVTCVF	72	>PDGFRA-C2 ETIVVTYAVF	84	12
>PDGFRA-C2 SGETIVVTC	33214	>PDGFRA-C2 SGETIVVTY	457	32757
>PDGFRA-C2 SGETIVVTC	23103	>PDGFRA-C2 SGETIVVTY	461	22642
>PDGFRA-C2 SGETIVVTC	21319	>PDGFRA-C2 SGETIVVTY	357	20962
>PDGFRA-C2 SGETIVVTC	33138	>PDGFRA-C2 SGETIVVTY	383	32755

>PDGFRA-C2 KSGETIVVTC	32217	>PDGFRA-C2 KSGETIVVTY	490	31727
>PDGFRA-C2 KSGETIVVTC	29628	>PDGFRA-C2 KSGETIVVTY	166	29462
>PDGFRA-C2 KSGETIVVTC	236	>PDGFRA-C2 KSGETIVVTY	38	198
>PDGFRA-C2 KSGETIVVTC	16292	>PDGFRA-C2 KSGETIVVTY	164	16128
>PDGFRA-C2 KSGETIVVTC	10043	>PDGFRA-C2 KSGETIVVTY	109	9934
>PDGFRA-C2 KSGETIVVTC	5759	>PDGFRA-C2 KSGETIVVTY	8	5751
>PDGFRA-C2 KSGETIVVTC	15264	>PDGFRA-C2 KSGETIVVTY	331	14933
>PDGFRA-C2 KSGETIVVTC	3632	>PDGFRA-C2 KSGETIVVTY	28	3604
>PDGFRA-C2 KSGETIVVTC	21226	>PDGFRA-C2 KSGETIVVTY	132	21094
>PDGFRA-D1 DMMDDIGI	1171	>PDGFRA-D1 NMMDDIGI	19	1152
>PDGFRA-D1 DMMDDIGI	760	>PDGFRA-D1 NMMDDIGI	18	742
>PDGFRA-D1 DMMDDIGID	5834	>PDGFRA-D1 NMMDDIGID	320	5514
>PDGFRA-D1 DMMDDIGI	539	>PDGFRA-D1 NMMDDIGI	13	526
>PDGFRA-D1 DMMDDIGID	6158	>PDGFRA-D1 NMMDDIGID	188	5970
>PDGFRA-D1 DMMDDIGI	685	>PDGFRA-D1 NMMDDIGI	16	669
>PDGFRA-D1 DMMDDIGID	8233	>PDGFRA-D1 NMMDDIGID	376	7857
>PDGFRA-D1 DMMDDIGI	51	>PDGFRA-D1 NMMDDIGI	11	40
>PDGFRA-D1 DMMDDIGI	35	>PDGFRA-D1 NMMDDIGI	4	31
>PDGFRA-D1 DMMDDIGI	303	>PDGFRA-D1 NMMDDIGI	95	208
>PDGFRA-D1 DMMDDIGI	13	>PDGFRA-D1 NMMDDIGI	7	6
>PDGFRA-D1 DMMDDIGI	148	>PDGFRA-D1 NMMDDIGI	34	114
>PDGFRA-D1 DMMDDIGI	743	>PDGFRA-D1 NMMDDIGI	354	389
>PDGFRA-D1 DMMDDIGI	178	>PDGFRA-D1 NMMDDIGI	160	18
>PDGFRA-D1 IDMMDDIGI	299	>PDGFRA-D1 INMMDDIGI	6763	6464
>PDGFRA-D1 IDMMDDIGI	196	>PDGFRA-D1 INMMDDIGI	8061	7865
>PDGFRA-D1 EDIDMMDDI	236	>PDGFRA-D1 EDINMMDDI	258	22
>PDGFRA-D1 EDIDMMDDI	58	>PDGFRA-D1 EDINMMDDI	85	27
>PDGFRA-D1 EDIDMMDDI	125	>PDGFRA-D1 EDINMMDDI	178	53
>PDGFRA-D1 IEDIDMMDD	49	>PDGFRA-D1 IEDINMMDD	26	23
>PDGFRA-D1 IEDIDMMDD	27	>PDGFRA-D1 IEDINMMDD	19	8
>PDGFRA-D1 ETIEDIDM	405	>PDGFRA-D1 ETIEDINM	320	85
>PDGFRA-D1 ETIEDIDMM	56	>PDGFRA-D1 ETIEDINMM	20	36
>PDGFRA-D1 ETIEDIDM	15	>PDGFRA-D1 ETIEDINM	10	5
>PDGFRA-D1 ETIEDIDMM	8	>PDGFRA-D1 ETIEDINMM	5	3
>PDGFRA-D1 ETIEDIDM	3	>PDGFRA-D1 ETIEDINM	2	1
>PDGFRA-D1 ETIEDIDMM	1	>PDGFRA-D1 ETIEDINMM	1	0
>PDGFRA-D1 ETIEDIDMMI	346	>PDGFRA-D1 ETIEDINMMI	383	37
>PDGFRA-D1 ETIEDIDM	8	>PDGFRA-D1 ETIEDINM	4	4
>PDGFRA-D1 ETIEDIDMM	14	>PDGFRA-D1 ETIEDINMM	4	10
>PDGFRA-D1 ETIEDIDM	442	>PDGFRA-D1 ETIEDINM	64	378
>PDGFRA-D1 ETIEDIDMM	42	>PDGFRA-D1 ETIEDINMM	28	14
>PDGFRA-D1 ETIEDIDM	148	>PDGFRA-D1 ETIEDINM	29	119
>PDGFRA-D1 ETIEDIDMM	13	>PDGFRA-D1 ETIEDINMM	10	3



>PDGFRA-D1 ETIEDIDM	709	>PDGFRA-D1 ETIEDINM	180	529
>PDGFRA-D1 DETIEDIDM	457	>PDGFRA-D1 DETIEDINM	239	218
>PDGFRA-D1 REDETIEDIDM	45	>PDGFRA-D1 REDETIEDINM	34	11
>PDGFRA-D1 REDETIEDIDM	191	>PDGFRA-D1 REDETIEDINM	183	8
>PDGFRA-D4 DRSTVEGR	1012	>PDGFRA-D4 ERSTVEGR	247	765
>PDGFRA-D4 DRSTVEGRVT	549	>PDGFRA-D4 ERSTVEGRVT	246	303
>PDGFRA-D4 RDRSTVEGRV	5170	>PDGFRA-D4 RERSTVEGRV	333	4837
>PDGFRA-D4 RDRSTVEGRV	27749	>PDGFRA-D4 RERSTVEGRV	381	27368
>PDGFRA-D4 RDRSTVEGR	13710	>PDGFRA-D4 RERSTVEGR	348	13362
>PDGFRA-D4 RDRSTVEGRV	1309	>PDGFRA-D4 RERSTVEGRV	41	1268
>PDGFRA-D4 RDRSTVEGRV	10359	>PDGFRA-D4 RERSTVEGRV	364	9995
>PDGFRA-D4 RDRSTVEGRV	147	>PDGFRA-D4 RERSTVEGRV	6401	6254
>PDGFRA-D4 HSRDRSTV	9	>PDGFRA-D4 HSRERSTV	9	0
>PDGFRA-D4 HSRDRSTVEC	24	>PDGFRA-D4 HSRERSTVEC	28	4
>PDGFRA-D4 HSRDRSTVEC	110	>PDGFRA-D4 HSRERSTVEC	136	26
>PDGFRA-D4 HSRDRSTVEC	47	>PDGFRA-D4 HSRERSTVEC	57	10
>PDGFRA-D4 HSRDRSTVEC	133	>PDGFRA-D4 HSRERSTVEC	117	16
>PDGFRA-D4 HSRDRSTVEC	132	>PDGFRA-D4 HSRERSTVEC	177	45
>PDGFRA-D4 HSRDRSTV	44	>PDGFRA-D4 HSRERSTV	58	14
>PDGFRA-D4 IHSRDRSTV	319	>PDGFRA-D4 IHSRERSTV	320	1
>PDGFRA-D4 EIHSRDRSTV	265	>PDGFRA-D4 EIHSRERSTV	241	24
>PDGFRA-D4 EIHSRDRSTV	510	>PDGFRA-D4 EIHSRERSTV	384	126
>PDGFRA-D4 TEIHSRDRSTV	116	>PDGFRA-D4 TEIHSRERSTV	133	17
>PDGFRA-D4 TEIHSRDRSTV	295	>PDGFRA-D4 TEIHSRERSTV	386	91
>PDGFRA-D4 TEIHSRDRSTV	55	>PDGFRA-D4 TEIHSRERSTV	46	9
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>PDGFRA-D4 ITEIHSRDR	1064	>PDGFRA-D4 ITEIHSRER	338	726
>PDGFRA-D4 IITEIHSRDR	655	>PDGFRA-D4 IITEIHSRER	306	349
>PDGFRA-D4 IITEIHSRDR	887	>PDGFRA-D4 IITEIHSRER	310	577
>PDGFRA-D4 NIITEIHSRDR	100	>PDGFRA-D4 NIITEIHSRER	40	60
>PDGFRA-D4 NIITEIHSRDR	501	>PDGFRA-D4 NIITEIHSRER	442	59
>PDGFRA-D5 DSRWEFPR	193	>PDGFRA-D5 GSRWEFPR	19	174
>PDGFRA-D5 DSRWEFPR	13	>PDGFRA-D5 GSRWEFPR	396	383
>PDGFRA-D5 DSRWEFPR	54	>PDGFRA-D5 GSRWEFPR	1252	1198
>PDGFRA-D5 DSRWEFPRD	2088	>PDGFRA-D5 GSRWEFPRD	189	1899
>PDGFRA-D5 DSRWEFPRD	8377	>PDGFRA-D5 GSRWEFPRD	495	7882
>PDGFRA-D5 DSRWEFPR	2697	>PDGFRA-D5 GSRWEFPR	453	2244
>PDGFRA-D5 YDSRWEFPR	2895	>PDGFRA-D5 YGSRWEFPR	127	2768
>PDGFRA-D5 YDSRWEFPR	506	>PDGFRA-D5 YGSRWEFPR	157	349
>PDGFRA-D5 YDSRWEFPR	698	>PDGFRA-D5 YGSRWEFPR	159	539
>PDGFRA-D5 PYDSRWEF	90	>PDGFRA-D5 PYGSRWEF	27	63
>PDGFRA-D5 PYDSRWEF	354	>PDGFRA-D5 PYGSRWEF	103	251
>PDGFRA-D5 PYDSRWEF	45	>PDGFRA-D5 PYGSRWEF	17	28

>PDGFRA-D5 PYDSRWEFPF	83	>PDGFRA-D5 PYGSRWEFPF	30	53
>PDGFRA-D5 LPYDSRWEF	60	>PDGFRA-D5 LPYGSRWEF	17	43
>PDGFRA-D5 LPYDSRWEF	446	>PDGFRA-D5 LPYGSRWEF	457	11
>PDGFRA-D5 LPYDSRWEFF	214	>PDGFRA-D5 LPYGSRWEFF	290	76
>PDGFRA-D5 LPYDSRWEFF	138	>PDGFRA-D5 LPYGSRWEFF	185	47
>PDGFRA-D5 LPYDSRWEFF	170	>PDGFRA-D5 LPYGSRWEFF	242	72
>PDGFRA-D5 LPYDSRWEF	37	>PDGFRA-D5 LPYGSRWEF	22	15
>PDGFRA-D5 LPYDSRWEF	48	>PDGFRA-D5 LPYGSRWEF	99	51
>PDGFRA-D5 LPYDSRWEF	243	>PDGFRA-D5 LPYGSRWEF	206	37
>PDGFRA-D5 LPYDSRWEF	11	>PDGFRA-D5 LPYGSRWEF	13	2
>PDGFRA-D5 LPYDSRWEFF	242	>PDGFRA-D5 LPYGSRWEFF	307	65
>PDGFRA-D5 LPYDSRWEF	17	>PDGFRA-D5 LPYGSRWEF	22	5
>PDGFRA-D5 LPYDSRWEFF	109	>PDGFRA-D5 LPYGSRWEFF	90	19
>PDGFRA-D5 LPYDSRWEF	26	>PDGFRA-D5 LPYGSRWEF	59	33
>PDGFRA-D5 LPYDSRWEF	13	>PDGFRA-D5 LPYGSRWEF	18	5
>PDGFRA-D5 LPYDSRWEFF	140	>PDGFRA-D5 LPYGSRWEFF	173	33
>PDGFRA-D5 QLPYDSRWEI	464	>PDGFRA-D5 QLPYGSRWEI	690	226
>PDGFRA-D5 QLPYDSRWEI	497	>PDGFRA-D5 QLPYGSRWEI	617	120
>PDGFRA-D5 QLPYDSRWEI	406	>PDGFRA-D5 QLPYGSRWEI	291	115
>PDGFRA-D5 QLPYDSRWEI	752	>PDGFRA-D5 QLPYGSRWEI	475	277
>PDGFRA-D5 QLPYDSRWEI	438	>PDGFRA-D5 QLPYGSRWEI	535	97
>PDGFRA-D5 MQLPYDSRM	12	>PDGFRA-D5 MQLPYGSRM	12	0
>PDGFRA-D5 MQLPYDSRM	50	>PDGFRA-D5 MQLPYGSRM	58	8
>PDGFRA-D5 MQLPYDSRM	61	>PDGFRA-D5 MQLPYGSRM	44	17
>PDGFRA-D5 MQLPYDSR	31	>PDGFRA-D5 MQLPYGSR	23	8
>PDGFRA-D5 MQLPYDSRM	827	>PDGFRA-D5 MQLPYGSRM	333	494
>PDGFRA-D5 MQLPYDSRM	81	>PDGFRA-D5 MQLPYGSRM	74	7
>PDGFRA-D5 MQLPYDSRM	652	>PDGFRA-D5 MQLPYGSRM	363	289
>PDGFRA-D5 MQLPYDSR	141	>PDGFRA-D5 MQLPYGSR	91	50
>PDGFRA-D5 MQLPYDSRM	159	>PDGFRA-D5 MQLPYGSRM	26	133
>PDGFRA-D5 MQLPYDSRM	4	>PDGFRA-D5 MQLPYGSRM	3	1
>PDGFRA-D5 MQLPYDSRM	21	>PDGFRA-D5 MQLPYGSRM	19	2
>PDGFRA-D5 MQLPYDSRM	261	>PDGFRA-D5 MQLPYGSRM	238	23
>PDGFRA-D5 MQLPYDSRM	215	>PDGFRA-D5 MQLPYGSRM	162	53
>PDGFRA-D5 MQLPYDSRM	157	>PDGFRA-D5 MQLPYGSRM	309	152
>PDGFRA-D5 MQLPYDSRM	729	>PDGFRA-D5 MQLPYGSRM	437	292
>PDGFRA-D5 MQLPYDSRM	424	>PDGFRA-D5 MQLPYGSRM	365	59
>PDGFRA-D5 MQLPYDSRM	323	>PDGFRA-D5 MQLPYGSRM	461	138
>PDGFRA-D5 MQLPYDSRM	47	>PDGFRA-D5 MQLPYGSRM	176	129
>PDGFRA-D5 MQLPYDSRM	133	>PDGFRA-D5 MQLPYGSRM	530	397
>PDGFRA-D5 MQLPYDSRM	8	>PDGFRA-D5 MQLPYGSRM	9	1
>PDGFRA-D5 MQLPYDSRM	134	>PDGFRA-D5 MQLPYGSRM	151	17
>PDGFRA-D5 MQLPYDSR	297	>PDGFRA-D5 MQLPYGSR	408	111

>PDGFRA-D5 DPMQLPYDS	36	>PDGFRA-D5 DPMQLPYGS	66	30
>PDGFRA-D5 DPMQLPYDS	26	>PDGFRA-D5 DPMQLPYGS	43	17
>PDGFRA-D5 RDGLVLGRV	383	>PDGFRA-D5 RHGLVLGRV	7464	7081
>PDGFRA-D5 RDGLVLGR	615	>PDGFRA-D5 RHGLVLGR	211	404
>PDGFRA-D5 RDGLVLGRV	460	>PDGFRA-D5 RHGLVLGRV	25434	24974
>PDGFRA-D5 PRDGLVLGR	2457	>PDGFRA-D5 PRHGLVLGR	381	2076
>PDGFRA-D5 PRDGLVLGR\	986	>PDGFRA-D5 PRHGLVLGR\	274	712
>PDGFRA-D5 PRDGLVLGR	2939	>PDGFRA-D5 PRHGLVLGR	391	2548
>PDGFRA-D5 FPRDGLVL	766	>PDGFRA-D5 FPRHGLVL	399	367
>PDGFRA-D5 FPRDGLVL	15	>PDGFRA-D5 FPRHGLVL	10	5
>PDGFRA-D5 FPRDGLVLGR	40	>PDGFRA-D5 FPRHGLVLGR	27	13
>PDGFRA-D5 FPRDGLVL	1348	>PDGFRA-D5 FPRHGLVL	169	1179
>PDGFRA-D5 FPRDGLVL	108	>PDGFRA-D5 FPRHGLVL	113	5
>PDGFRA-D5 FPRDGLVL	252	>PDGFRA-D5 FPRHGLVL	321	69
>PDGFRA-D5 FPRDGLVLGR	254	>PDGFRA-D5 FPRHGLVLGR	347	93
>PDGFRA-D5 FPRDGLVL	426	>PDGFRA-D5 FPRHGLVL	664	238
>PDGFRA-D5 FPRDGLVL	528	>PDGFRA-D5 FPRHGLVL	353	175
>PDGFRA-D5 FPRDGLVLG	16	>PDGFRA-D5 FPRHGLVLG	13	3
>PDGFRA-D5 FPRDGLVLGR	917	>PDGFRA-D5 FPRHGLVLGR	372	545
>PDGFRA-D5 FPRDGLVLGR	11	>PDGFRA-D5 FPRHGLVLGR	10	1
>PDGFRA-D5 FPRDGLVL	599	>PDGFRA-D5 FPRHGLVL	330	269
>PDGFRA-D5 EFPRDGLVL	400	>PDGFRA-D5 EFPRHGLVL	356	44
>PDGFRA-D5 EFPRDGLVLG	140	>PDGFRA-D5 EFPRHGLVLG	98	42
>PDGFRA-D5 WEFPRDGLV	20	>PDGFRA-D5 WEFPRHGLV	16	4
>PDGFRA-D5 WEFPRDGLV\	215	>PDGFRA-D5 WEFPRHGLV\	129	86
>PDGFRA-D5 WEFPRDGLV\	462	>PDGFRA-D5 WEFPRHGLV\	208	254
>PDGFRA-D5 WEFPRDGL	143	>PDGFRA-D5 WEFPRHGL	19	124
>PDGFRA-D5 WEFPRDGLV	1418	>PDGFRA-D5 WEFPRHGLV	359	1059
>PDGFRA-D5 WEFPRDGL	2270	>PDGFRA-D5 WEFPRHGL	342	1928
>PDGFRA-D5 WEFPRDGLV\	238	>PDGFRA-D5 WEFPRHGLV\	104	134
>PDGFRA-D5 WEFPRDGL	14	>PDGFRA-D5 WEFPRHGL	12	2
>PDGFRA-D5 WEFPRDGLV	251	>PDGFRA-D5 WEFPRHGLV	153	98
>PDGFRA-D5 WEFPRDGLV\	124	>PDGFRA-D5 WEFPRHGLV\	136	12
>PDGFRA-D5 WEFPRDGL	113	>PDGFRA-D5 WEFPRHGL	75	38
>PDGFRA-D5 WEFPRDGLV	638	>PDGFRA-D5 WEFPRHGLV	269	369
>PDGFRA-D5 WEFPRDGLV\	568	>PDGFRA-D5 WEFPRHGLV\	424	144
>PDGFRA-D5 WEFPRDGL	163	>PDGFRA-D5 WEFPRHGL	185	22
>PDGFRA-D5 WEFPRDGLV	15	>PDGFRA-D5 WEFPRHGLV	14	1
>PDGFRA-D5 WEFPRDGLV\	55	>PDGFRA-D5 WEFPRHGLV\	33	22
>PDGFRA-D5 WEFPRDGLV\	280	>PDGFRA-D5 WEFPRHGLV\	285	5
>PDGFRA-D5 RWEFPRDGL	155	>PDGFRA-D5 RWEFPRHGL	143	12
>PDGFRA-D5 RWEFPRDGL'	125	>PDGFRA-D5 RWEFPRHGL'	83	42
>PDGFRA-D5 RWEFPRDGL'	290	>PDGFRA-D5 RWEFPRHGL'	231	59

>PDGFRA-D5 SRWEFPRDG	704	>PDGFRA-D5 SRWEFPRHG	399	305
>PDGFRA-D5 SRWEFPRD	1545	>PDGFRA-D5 SRWEFPRH	83	1462
>PDGFRA-D5 SRWEFPRDG	2681	>PDGFRA-D5 SRWEFPRHG	477	2204
>PDGFRA-D5 SRWEFPRDG	83	>PDGFRA-D5 SRWEFPRHG	31	52
>PDGFRA-D5 SRWEFPRDG	66	>PDGFRA-D5 SRWEFPRHG	43	23
>PDGFRA-D5 SRWEFPRDG	2298	>PDGFRA-D5 SRWEFPRHG	480	1818
>PDGFRA-D5 SRWEFPRD	265	>PDGFRA-D5 SRWEFPRH	927	662
>PDGFRA-D5 SRWEFPRD	653	>PDGFRA-D5 SRWEFPRH	329	324
>PDGFRA-D5 SRWEFPRDG	754	>PDGFRA-D5 SRWEFPRHG	152	602
>PDGFRA-D5 SRWEFPRDG	294	>PDGFRA-D5 SRWEFPRHG	164	130
>PDGFRA-D5 SRWEFPRDG	946	>PDGFRA-D5 SRWEFPRHG	280	666
>PDGFRA-D5 SRWEFPRDG	683	>PDGFRA-D5 SRWEFPRHG	135	548
>PDGFRA-D5 SRWEFPRDG	37	>PDGFRA-D5 SRWEFPRHG	15	22
>PDGFRA-D8 DIMHDSNYV	4240	>PDGFRA-D8 FIMHDSNYV	7	4233
>PDGFRA-D8 DIMHDSNYV	334	>PDGFRA-D8 FIMHDSNYV	2	332
>PDGFRA-D8 DIMHDSNYV	639	>PDGFRA-D8 FIMHDSNYV	2	637
>PDGFRA-D8 DIMHDSNYV	507	>PDGFRA-D8 FIMHDSNYV	3	504
>PDGFRA-D8 DIMHDSNYV:	16118	>PDGFRA-D8 FIMHDSNYV:	496	15622
>PDGFRA-D8 DIMHDSNYV	656	>PDGFRA-D8 FIMHDSNYV	3	653
>PDGFRA-D8 DIMHDSNYV	299	>PDGFRA-D8 FIMHDSNYV	3	296
>PDGFRA-D8 DIMHDSNYV	742	>PDGFRA-D8 FIMHDSNYV	12	730
>PDGFRA-D8 DIMHDSNYV	22	>PDGFRA-D8 FIMHDSNYV	3	19
>PDGFRA-D8 DIMHDSNYV	825	>PDGFRA-D8 FIMHDSNYV	3	822
>PDGFRA-D8 DIMHDSNYV:	2763	>PDGFRA-D8 FIMHDSNYV:	177	2586
>PDGFRA-D8 DIMHDSNYV:	643	>PDGFRA-D8 FIMHDSNYV:	46	597
>PDGFRA-D8 DIMHDSNY	105	>PDGFRA-D8 FIMHDSNY	120	15
>PDGFRA-D8 DIMHDSNY	26	>PDGFRA-D8 FIMHDSNY	68	42
>PDGFRA-D8 DIMHDSNY	560	>PDGFRA-D8 FIMHDSNY	30	530
>PDGFRA-D8 DIMHDSNY	468	>PDGFRA-D8 FIMHDSNY	225	243
>PDGFRA-D8 DIMHDSNYV:	43	>PDGFRA-D8 FIMHDSNYV:	38	5
>PDGFRA-D8 DIMHDSNYV	15	>PDGFRA-D8 FIMHDSNYV	9	6
>PDGFRA-D8 DIMHDSNYV	12	>PDGFRA-D8 FIMHDSNYV	9	3
>PDGFRA-D8 DIMHDSNY	5942	>PDGFRA-D8 FIMHDSNY	424	5518
>PDGFRA-D8 DIMHDSNY	3615	>PDGFRA-D8 FIMHDSNY	78	3537
>PDGFRA-D8 DIMHDSNY	486	>PDGFRA-D8 FIMHDSNY	46	440
>PDGFRA-D8 DIMHDSNY	3508	>PDGFRA-D8 FIMHDSNY	84	3424
>PDGFRA-D8 DIMHDSNY	9691	>PDGFRA-D8 FIMHDSNY	481	9210
>PDGFRA-D8 DIMHDSNY	576	>PDGFRA-D8 FIMHDSNY	76	500
>PDGFRA-D8 RDIMHDSNY	3198	>PDGFRA-D8 RFIMHDSNY	396	2802
>PDGFRA-D8 RDIMHDSNY	2762	>PDGFRA-D8 RFIMHDSNY	30	2732
>PDGFRA-D8 RDIMHDSNY	3139	>PDGFRA-D8 RFIMHDSNY	368	2771
>PDGFRA-D8 RDIMHDSNY	1587	>PDGFRA-D8 RFIMHDSNY	318	1269
>PDGFRA-D8 RDIMHDSNY'	25006	>PDGFRA-D8 RFIMHDSNY	164	24842

>PDGFRA-D8 RDIMHDSNY	173	>PDGFRA-D8 RFIMHDSNY	23769	23596
>PDGFRA-D8 VKICDFGLAR	19748	>PDGFRA-D8 VKICDFGLAR	14	19734
>PDGFRA-D8 ARDIMHDSN	330	>PDGFRA-D8 ARFIMHDSN	72	258
>PDGFRA-D8 ARDIMHDSN	1777	>PDGFRA-D8 ARFIMHDSN	40	1737
>PDGFRA-D8 ARDIMHDSN	7405	>PDGFRA-D8 ARFIMHDSN	226	7179
>PDGFRA-D8 ARDIMHDSN	230	>PDGFRA-D8 ARFIMHDSN	39	191
>PDGFRA-D8 ARDIMHDSN	10678	>PDGFRA-D8 ARFIMHDSN	496	10182
>PDGFRA-D8 ARDIMHDSN	1754	>PDGFRA-D8 ARFIMHDSN	224	1530
>PDGFRA-D8 LARDIMHDS	292	>PDGFRA-D8 LARFIMHDS	230	62
>PDGFRA-D8 LARDIMHDS	146	>PDGFRA-D8 LARFIMHDS	111	35
>PDGFRA-D8 LARDIMHDS	202	>PDGFRA-D8 LARFIMHDS	292	90
>PDGFRA-D8 LARDIMHDS	258	>PDGFRA-D8 LARFIMHDS	293	35
>PDGFRA-D8 LARDIMHDS	6	>PDGFRA-D8 LARFIMHDS	9	3
>PDGFRA-D8 LARDIMHDS	104	>PDGFRA-D8 LARFIMHDS	162	58
>PDGFRA-D8 LARDIMHDS	53	>PDGFRA-D8 LARFIMHDS	45	8
>PDGFRA-D8 GLARDIMHD	480	>PDGFRA-D8 GLARFIMHD	737	257
>PDGFRA-D8 CDFGLARDI	970	>PDGFRA-D8 CDFGLARFI	40	930
>PDGFRA-D8 CDFGLARDI	1651	>PDGFRA-D8 CDFGLARFI	301	1350
>PDGFRA-D8 CDFGLARDI	84	>PDGFRA-D8 CDFGLARFI	39	45
>PDGFRA-D8 ICDFGLARD	22037	>PDGFRA-D8 ICDFGLARF	178	21859
>PDGFRA-D8 ICDFGLARDI	428	>PDGFRA-D8 ICDFGLARFIM	402	26
>PDGFRA-D8 KICDFGLARD	1817	>PDGFRA-D8 KICDFGLARFI	174	1643
>PDGFRA-D8 KICDFGLARD	997	>PDGFRA-D8 KICDFGLARFI	106	891
>PDGFRA-D8 KICDFGLARD	3284	>PDGFRA-D8 KICDFGLARFI	275	3009
>PDGFRA-D8 KICDFGLARD	14521	>PDGFRA-D8 KICDFGLARF	132	14389
>PDGFRA-D8 KICDFGLARD	109	>PDGFRA-D8 KICDFGLARFI	329	220
>PDGFRA-D8 KICDFGLARD	19581	>PDGFRA-D8 KICDFGLARF	207	19374
>PDGFRA-D8 KICDFGLARD	19830	>PDGFRA-D8 KICDFGLARF	62	19768
>PDGFRA-D8 KICDFGLARD	1636	>PDGFRA-D8 KICDFGLARFI	461	1175
>PDGFRA-D8 DIMHDSNYV	4240	>PDGFRA-D8 IIMHDSNYV	21	4219
>PDGFRA-D8 DIMHDSNYV	334	>PDGFRA-D8 IIMHDSNYV	4	330
>PDGFRA-D8 DIMHDSNYV	639	>PDGFRA-D8 IIMHDSNYV	6	633
>PDGFRA-D8 DIMHDSNYV	507	>PDGFRA-D8 IIMHDSNYV	9	498
>PDGFRA-D8 DIMHDSNYV	656	>PDGFRA-D8 IIMHDSNYV	12	644
>PDGFRA-D8 DIMHDSNYV	299	>PDGFRA-D8 IIMHDSNYV	9	290
>PDGFRA-D8 DIMHDSNYV	742	>PDGFRA-D8 IIMHDSNYV	63	679
>PDGFRA-D8 DIMHDSNYV	22	>PDGFRA-D8 IIMHDSNYV	4	18
>PDGFRA-D8 DIMHDSNYV	825	>PDGFRA-D8 IIMHDSNYV	12	813
>PDGFRA-D8 DIMHDSNYV:	2763	>PDGFRA-D8 IIMHDSNYVS	47	2716
>PDGFRA-D8 DIMHDSNYV:	643	>PDGFRA-D8 IIMHDSNYVS	20	623
>PDGFRA-D8 DIMHDSNY	105	>PDGFRA-D8 IIMHDSNY	6628	6523
>PDGFRA-D8 DIMHDSNY	26	>PDGFRA-D8 IIMHDSNY	291	265
>PDGFRA-D8 DIMHDSNY	560	>PDGFRA-D8 IIMHDSNY	95	465

>PDGFRA-D8 DIMHDSNYV:	6193	>PDGFRA-D8 IIMHDSNYVS	159	6034
>PDGFRA-D8 DIMHDSNY	468	>PDGFRA-D8 IIMHDSNY	47	421
>PDGFRA-D8 DIMHDSNYV:	43	>PDGFRA-D8 IIMHDSNYVS	106	63
>PDGFRA-D8 DIMHDSNYV	15	>PDGFRA-D8 IIMHDSNYV	29	14
>PDGFRA-D8 DIMHDSNYV	12	>PDGFRA-D8 IIMHDSNYV	162	150
>PDGFRA-D8 DIMHDSNY	5942	>PDGFRA-D8 IIMHDSNY	341	5601
>PDGFRA-D8 DIMHDSNY	3615	>PDGFRA-D8 IIMHDSNY	126	3489
>PDGFRA-D8 DIMHDSNY	486	>PDGFRA-D8 IIMHDSNY	223	263
>PDGFRA-D8 DIMHDSNY	3508	>PDGFRA-D8 IIMHDSNY	127	3381
>PDGFRA-D8 DIMHDSNY	9691	>PDGFRA-D8 IIMHDSNY	266	9425
>PDGFRA-D8 DIMHDSNY	576	>PDGFRA-D8 IIMHDSNY	430	146
>PDGFRA-D8 RDIMHDSNY'	15712	>PDGFRA-D8 RIIMHDSNYV	134	15578
>PDGFRA-D8 RDIMHDSNY'	8387	>PDGFRA-D8 RIIMHDSNYV	160	8227
>PDGFRA-D8 RDIMHDSNY'	9780	>PDGFRA-D8 RIIMHDSNYV	53	9727
>PDGFRA-D8 RDIMHDSNY'	5155	>PDGFRA-D8 RIIMHDSNYV	110	5045
>PDGFRA-D8 RDIMHDSNY'	13207	>PDGFRA-D8 RIIMHDSNYV	37	13170
>PDGFRA-D8 RDIMHDSNY'	15517	>PDGFRA-D8 RIIMHDSNYV	75	15442
>PDGFRA-D8 RDIMHDSNY'	19226	>PDGFRA-D8 RIIMHDSNYV	236	18990
>PDGFRA-D8 RDIMHDSNY'	23957	>PDGFRA-D8 RIIMHDSNYV	49	23908
>PDGFRA-D8 RDIMHDSNY	3198	>PDGFRA-D8 RIIMHDSNY	17	3181
>PDGFRA-D8 RDIMHDSNY	2762	>PDGFRA-D8 RIIMHDSNY	142	2620
>PDGFRA-D8 RDIMHDSNY	3139	>PDGFRA-D8 RIIMHDSNY	180	2959
>PDGFRA-D8 RDIMHDSNY	6187	>PDGFRA-D8 RIIMHDSNY	486	5701
>PDGFRA-D8 RDIMHDSNY	1587	>PDGFRA-D8 RIIMHDSNY	64	1523
>PDGFRA-D8 RDIMHDSNY	976	>PDGFRA-D8 RIIMHDSNY	295	681
>PDGFRA-D8 RDIMHDSNY	2249	>PDGFRA-D8 RIIMHDSNY	22	2227
>PDGFRA-D8 RDIMHDSNY'	173	>PDGFRA-D8 RIIMHDSNYV	21959	21786
>PDGFRA-D8 ARDIMHDSN	330	>PDGFRA-D8 ARIIMHDSNY	155	175
>PDGFRA-D8 ARDIMHDSN	1777	>PDGFRA-D8 ARIIMHDSNY	142	1635
>PDGFRA-D8 ARDIMHDSN	230	>PDGFRA-D8 ARIIMHDSNY	41	189
>PDGFRA-D8 ARDIMHDSN	1754	>PDGFRA-D8 ARIIMHDSNY	471	1283
>PDGFRA-D8 LARDIMHDSN	292	>PDGFRA-D8 LARIIMHDSN	535	243
>PDGFRA-D8 LARDIMHDSN	146	>PDGFRA-D8 LARIIMHDSN	145	1
>PDGFRA-D8 LARDIMHDSN	202	>PDGFRA-D8 LARIIMHDSN	457	255
>PDGFRA-D8 LARDIMHDSN	258	>PDGFRA-D8 LARIIMHDSN	368	110
>PDGFRA-D8 LARDIMHDSN	6	>PDGFRA-D8 LARIIMHDSN	6	0
>PDGFRA-D8 LARDIMHDSN	104	>PDGFRA-D8 LARIIMHDSN	189	85
>PDGFRA-D8 LARDIMHDSN	53	>PDGFRA-D8 LARIIMHDSN	94	41
>PDGFRA-D8 GLARDIMHDS	480	>PDGFRA-D8 GLARIIMHDS	820	340
>PDGFRA-D8 CDFGLARDI	970	>PDGFRA-D8 CDFGLARII	321	649
>PDGFRA-D8 CDFGLARD	41836	>PDGFRA-D8 CDFGLARI	305	41531
>PDGFRA-D8 CDFGLARDI	1651	>PDGFRA-D8 CDFGLARII	460	1191
>PDGFRA-D8 CDFGLARD	22993	>PDGFRA-D8 CDFGLARI	73	22920

>PDGFRA-D8 CDFGLARDI	84	>PDGFRA-D8 CDFGLARII	42	42
>PDGFRA-D8 ICDFGLARDIM	428	>PDGFRA-D8 ICDFGLARIIM	501	73
>PDGFRA-D8 KICDFGLARD	15591	>PDGFRA-D8 KICDFGLARI	155	15436
>PDGFRA-D8 KICDFGLARD	13579	>PDGFRA-D8 KICDFGLARI	66	13513
>PDGFRA-D8 KICDFGLARD	17356	>PDGFRA-D8 KICDFGLARI	250	17106
>PDGFRA-D8 KICDFGLARD	16074	>PDGFRA-D8 KICDFGLARI	48	16026
>PDGFRA-D8 KICDFGLARD	25897	>PDGFRA-D8 KICDFGLARI	253	25644
>PDGFRA-D8 KICDFGLARD	14521	>PDGFRA-D8 KICDFGLARI	257	14264
>PDGFRA-D8 KICDFGLARD	109	>PDGFRA-D8 KICDFGLARII	96	13
>PDGFRA-D8 DIMHDSNYV	4240	>PDGFRA-D8 VIMHDSNYV	27	4213
>PDGFRA-D8 DIMHDSNYV	334	>PDGFRA-D8 VIMHDSNYV	6	328
>PDGFRA-D8 DIMHDSNYV	639	>PDGFRA-D8 VIMHDSNYV	6	633
>PDGFRA-D8 DIMHDSNYV	507	>PDGFRA-D8 VIMHDSNYV	9	498
>PDGFRA-D8 DIMHDSNYV	656	>PDGFRA-D8 VIMHDSNYV	10	646
>PDGFRA-D8 DIMHDSNYV	299	>PDGFRA-D8 VIMHDSNYV	7	292
>PDGFRA-D8 DIMHDSNYV	742	>PDGFRA-D8 VIMHDSNYV	38	704
>PDGFRA-D8 DIMHDSNYV	22	>PDGFRA-D8 VIMHDSNYV	4	18
>PDGFRA-D8 DIMHDSNYV	825	>PDGFRA-D8 VIMHDSNYV	9	816
>PDGFRA-D8 DIMHDSNYV:	2763	>PDGFRA-D8 VIMHDSNYV:	57	2706
>PDGFRA-D8 DIMHDSNYV:	643	>PDGFRA-D8 VIMHDSNYV:	17	626
>PDGFRA-D8 DIMHDSNY	105	>PDGFRA-D8 VIMHDSNY	9619	9514
>PDGFRA-D8 DIMHDSNY	26	>PDGFRA-D8 VIMHDSNY	192	166
>PDGFRA-D8 DIMHDSNY	560	>PDGFRA-D8 VIMHDSNY	135	425
>PDGFRA-D8 DIMHDSNYV:	6193	>PDGFRA-D8 VIMHDSNYV:	454	5739
>PDGFRA-D8 DIMHDSNY	468	>PDGFRA-D8 VIMHDSNY	44	424
>PDGFRA-D8 DIMHDSNYV:	43	>PDGFRA-D8 VIMHDSNYV:	415	372
>PDGFRA-D8 DIMHDSNYV	15	>PDGFRA-D8 VIMHDSNYV	46	31
>PDGFRA-D8 DIMHDSNYV	12	>PDGFRA-D8 VIMHDSNYV	194	182
>PDGFRA-D8 DIMHDSNY	5942	>PDGFRA-D8 VIMHDSNY	202	5740
>PDGFRA-D8 DIMHDSNY	3615	>PDGFRA-D8 VIMHDSNY	148	3467
>PDGFRA-D8 DIMHDSNY	486	>PDGFRA-D8 VIMHDSNY	244	242
>PDGFRA-D8 DIMHDSNY	3508	>PDGFRA-D8 VIMHDSNY	289	3219
>PDGFRA-D8 DIMHDSNY	9691	>PDGFRA-D8 VIMHDSNY	455	9236
>PDGFRA-D8 RDIMHDSNY\	15712	>PDGFRA-D8 RVIMHDSNY\	338	15374
>PDGFRA-D8 RDIMHDSNY\	8387	>PDGFRA-D8 RVIMHDSNY\	221	8166
>PDGFRA-D8 RDIMHDSNY\	9780	>PDGFRA-D8 RVIMHDSNY\	84	9696
>PDGFRA-D8 RDIMHDSNY\	5155	>PDGFRA-D8 RVIMHDSNY\	113	5042
>PDGFRA-D8 RDIMHDSNY\	13207	>PDGFRA-D8 RVIMHDSNY\	115	13092
>PDGFRA-D8 RDIMHDSNY\	15517	>PDGFRA-D8 RVIMHDSNY\	157	15360
>PDGFRA-D8 RDIMHDSNY\	23957	>PDGFRA-D8 RVIMHDSNY\	132	23825
>PDGFRA-D8 RDIMHDSNY	3198	>PDGFRA-D8 RVIMHDSNY	7	3191
>PDGFRA-D8 RDIMHDSNY	2762	>PDGFRA-D8 RVIMHDSNY	75	2687
>PDGFRA-D8 RDIMHDSNY\	12882	>PDGFRA-D8 RVIMHDSNY\	234	12648

>PDGFRA-D8 RDIMHDSNY	3139	>PDGFRA-D8 RVIMHDSNY	148	2991
>PDGFRA-D8 RDIMHDSNY'	18775	>PDGFRA-D8 RVIMHDSNY'	397	18378
>PDGFRA-D8 RDIMHDSNY	6187	>PDGFRA-D8 RVIMHDSNY	193	5994
>PDGFRA-D8 RDIMHDSNY	1587	>PDGFRA-D8 RVIMHDSNY	68	1519
>PDGFRA-D8 RDIMHDSNY	976	>PDGFRA-D8 RVIMHDSNY	343	633
>PDGFRA-D8 RDIMHDSNY	2249	>PDGFRA-D8 RVIMHDSNY	10	2239
>PDGFRA-D8 RDIMHDSNY	3790	>PDGFRA-D8 RVIMHDSNY	384	3406
>PDGFRA-D8 RDIMHDSNY	2529	>PDGFRA-D8 RVIMHDSNY	221	2308
>PDGFRA-D8 RDIMHDSNY'	173	>PDGFRA-D8 RVIMHDSNY'	23826	23653
>PDGFRA-D8 ARDIMHDSN	330	>PDGFRA-D8 ARVIMHDSN'	266	64
>PDGFRA-D8 ARDIMHDSN'	1777	>PDGFRA-D8 ARVIMHDSN'	187	1590
>PDGFRA-D8 ARDIMHDSN	230	>PDGFRA-D8 ARVIMHDSN'	62	168
>PDGFRA-D8 LARDIMHDSN'	292	>PDGFRA-D8 LARVIMHDSN'	687	395
>PDGFRA-D8 LARDIMHDSN'	146	>PDGFRA-D8 LARVIMHDSN'	165	19
>PDGFRA-D8 LARDIMHDSN'	202	>PDGFRA-D8 LARVIMHDSN'	367	165
>PDGFRA-D8 LARDIMHDSN'	258	>PDGFRA-D8 LARVIMHDSN'	189	69
>PDGFRA-D8 LARDIMHDSN'	6	>PDGFRA-D8 LARVIMHDSN'	8	2
>PDGFRA-D8 LARDIMHDSN'	104	>PDGFRA-D8 LARVIMHDSN'	174	70
>PDGFRA-D8 LARDIMHDSN'	53	>PDGFRA-D8 LARVIMHDSN'	80	27
>PDGFRA-D8 GLARDIMHDSN'	480	>PDGFRA-D8 GLARVIMHDSN'	1216	736
>PDGFRA-D8 CDFGLARDI	970	>PDGFRA-D8 CDFGLARVI	378	592
>PDGFRA-D8 CDFGLARDI	2057	>PDGFRA-D8 CDFGLARVI	450	1607
>PDGFRA-D8 CDFGLARDI	1651	>PDGFRA-D8 CDFGLARVI	329	1322
>PDGFRA-D8 CDFGLARD	22993	>PDGFRA-D8 CDFGLARV	141	22852
>PDGFRA-D8 CDFGLARDI	84	>PDGFRA-D8 CDFGLARVI	47	37
>PDGFRA-D8 ICDFGLARD	29870	>PDGFRA-D8 ICDFGLARV	395	29475
>PDGFRA-D8 ICDFGLARDIM	428	>PDGFRA-D8 ICDFGLARVIM	543	115
>PDGFRA-D8 KICDFGLARD	21510	>PDGFRA-D8 KICDFGLARV	100	21410
>PDGFRA-D8 KICDFGLARD	15591	>PDGFRA-D8 KICDFGLARV	81	15510
>PDGFRA-D8 KICDFGLARD	13579	>PDGFRA-D8 KICDFGLARV	26	13553
>PDGFRA-D8 KICDFGLARD	17356	>PDGFRA-D8 KICDFGLARV	78	17278
>PDGFRA-D8 KICDFGLARD	16074	>PDGFRA-D8 KICDFGLARV	6	16068
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>PDGFRA-D8 KICDFGLARD	25536	>PDGFRA-D8 KICDFGLARV	179	25357
>PDGFRA-D8 KICDFGLARD	26345	>PDGFRA-D8 KICDFGLARV	474	25871
>PDGFRA-D8 KICDFGLARD	25897	>PDGFRA-D8 KICDFGLARV	5	25892
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>PDGFRA-D8 DIMHDSNYV	4240	>PDGFRA-D8 YIMHDSNYV	8	4232
>PDGFRA-D8 DIMHDSNYV	334	>PDGFRA-D8 YIMHDSNYV	2	332
>PDGFRA-D8 DIMHDSNYV	639	>PDGFRA-D8 YIMHDSNYV	3	636
>PDGFRA-D8 DIMHDSNYV	507	>PDGFRA-D8 YIMHDSNYV	4	503
>PDGFRA-D8 DIMHDSNYV	656	>PDGFRA-D8 YIMHDSNYV	3	653
>PDGFRA-D8 DIMHDSNYV	299	>PDGFRA-D8 YIMHDSNYV	3	296



>PDGFRA-D8 DIMHDSNYV	742	>PDGFRA-D8 YIMHDSNYV	11	731
>PDGFRA-D8 DIMHDSNYV	22	>PDGFRA-D8 YIMHDSNYV	2	20
>PDGFRA-D8 DIMHDSNYV	825	>PDGFRA-D8 YIMHDSNYV	3	822
>PDGFRA-D8 DIMHDSNYV:	2763	>PDGFRA-D8 YIMHDSNYV:	119	2644
>PDGFRA-D8 DIMHDSNYV:	643	>PDGFRA-D8 YIMHDSNYV:	29	614
>PDGFRA-D8 DIMHDSNY	982	>PDGFRA-D8 YIMHDSNY	234	748
>PDGFRA-D8 DIMHDSNY	105	>PDGFRA-D8 YIMHDSNY	179	74
>PDGFRA-D8 DIMHDSNY	26	>PDGFRA-D8 YIMHDSNY	24	2
>PDGFRA-D8 DIMHDSNY	560	>PDGFRA-D8 YIMHDSNY	23	537
>PDGFRA-D8 DIMHDSNY	468	>PDGFRA-D8 YIMHDSNY	165	303
>PDGFRA-D8 DIMHDSNYV:	43	>PDGFRA-D8 YIMHDSNYV:	31	12
>PDGFRA-D8 DIMHDSNYV	15	>PDGFRA-D8 YIMHDSNYV	13	2
>PDGFRA-D8 DIMHDSNYV	12	>PDGFRA-D8 YIMHDSNYV	8	4
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>PDGFRA-D8 DIMHDSNY	3615	>PDGFRA-D8 YIMHDSNY	60	3555
>PDGFRA-D8 DIMHDSNY	486	>PDGFRA-D8 YIMHDSNY	47	439
>PDGFRA-D8 DIMHDSNY	3508	>PDGFRA-D8 YIMHDSNY	70	3438
>PDGFRA-D8 DIMHDSNY	9691	>PDGFRA-D8 YIMHDSNY	153	9538
>PDGFRA-D8 DIMHDSNY	576	>PDGFRA-D8 YIMHDSNY	66	510
>PDGFRA-D8 RDIMHDSNY'	24863	>PDGFRA-D8 RYIMHDSNY	57	24806
>PDGFRA-D8 RDIMHDSNY	3198	>PDGFRA-D8 RYIMHDSNY	158	3040
>PDGFRA-D8 RDIMHDSNY	2762	>PDGFRA-D8 RYIMHDSNY	75	2687
>PDGFRA-D8 RDIMHDSNY'	12882	>PDGFRA-D8 RYIMHDSNY	310	12572
>PDGFRA-D8 RDIMHDSNY	3139	>PDGFRA-D8 RYIMHDSNY	168	2971
>PDGFRA-D8 RDIMHDSNY	976	>PDGFRA-D8 RYIMHDSNY	491	485
>PDGFRA-D8 RDIMHDSNY'	25006	>PDGFRA-D8 RYIMHDSNY	125	24881
>PDGFRA-D8 RDIMHDSNY'	173	>PDGFRA-D8 RYIMHDSNY	23518	23345
>PDGFRA-D8 VKICDFGLAR'	34637	>PDGFRA-D8 VKICDFGLAR'	332	34305
>PDGFRA-D8 VKICDFGLAR'	26510	>PDGFRA-D8 VKICDFGLAR'	388	26122
>PDGFRA-D8 VKICDFGLAR'	30174	>PDGFRA-D8 VKICDFGLAR'	324	29850
>PDGFRA-D8 VKICDFGLAR'	19748	>PDGFRA-D8 VKICDFGLAR'	54	19694
>PDGFRA-D8 ARDIMHDSN	330	>PDGFRA-D8 ARYIMHDSN'	76	254
>PDGFRA-D8 ARDIMHDSN	1777	>PDGFRA-D8 ARYIMHDSN'	50	1727
>PDGFRA-D8 ARDIMHDSN	7405	>PDGFRA-D8 ARYIMHDSN'	275	7130
>PDGFRA-D8 ARDIMHDSN	230	>PDGFRA-D8 ARYIMHDSN'	38	192
>PDGFRA-D8 ARDIMHDSN	1754	>PDGFRA-D8 ARYIMHDSN'	116	1638
>PDGFRA-D8 LARDIMHDSN'	292	>PDGFRA-D8 LARYIMHDSN	250	42
>PDGFRA-D8 LARDIMHDSN'	146	>PDGFRA-D8 LARYIMHDSN	87	59
>PDGFRA-D8 LARDIMHDSN'	202	>PDGFRA-D8 LARYIMHDSN	195	7
>PDGFRA-D8 LARDIMHDSN'	258	>PDGFRA-D8 LARYIMHDSN	86	172
>PDGFRA-D8 LARDIMHDSN'	6	>PDGFRA-D8 LARYIMHDSN	10	4
>PDGFRA-D8 LARDIMHDSN'	104	>PDGFRA-D8 LARYIMHDSN	136	32
>PDGFRA-D8 LARDIMHDSN'	53	>PDGFRA-D8 LARYIMHDSN	41	12

>PDGFRA-D8 GLARDIMHD:	480	>PDGFRA-D8 GLARYIMHDS	664	184
>PDGFRA-D8 CDFGLARDI	970	>PDGFRA-D8 CDFGLARYI	180	790
>PDGFRA-D8 CDFGLARD	38205	>PDGFRA-D8 CDFGLARY	415	37790
>PDGFRA-D8 CDFGLARDI	84	>PDGFRA-D8 CDFGLARYI	71	13
>PDGFRA-D8 ICDFGLARD	23535	>PDGFRA-D8 ICDFGLARY	433	23102
>PDGFRA-D8 ICDFGLARD	29492	>PDGFRA-D8 ICDFGLARY	328	29164
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>PDGFRA-D8 ICDFGLARDIM	428	>PDGFRA-D8 ICDFGLARYIM	488	60
>PDGFRA-D8 KICDFGLARD	1817	>PDGFRA-D8 KICDFGLARYI	185	1632
>PDGFRA-D8 KICDFGLARD	997	>PDGFRA-D8 KICDFGLARYI	40	957
>PDGFRA-D8 KICDFGLARD	14395	>PDGFRA-D8 KICDFGLARY	102	14293
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>PDGFRA-D8 KICDFGLARD	3284	>PDGFRA-D8 KICDFGLARYI	419	2865
>PDGFRA-D8 KICDFGLARD	32006	>PDGFRA-D8 KICDFGLARY	374	31632
>PDGFRA-D8 KICDFGLARD	109	>PDGFRA-D8 KICDFGLARYI	267	158
>PDGFRA-D8 KICDFGLARD	24872	>PDGFRA-D8 KICDFGLARY	38	24834
>PDGFRA-D8 KICDFGLARD	19581	>PDGFRA-D8 KICDFGLARY	183	19398
>PDGFRA-D8 KICDFGLARD	19830	>PDGFRA-D8 KICDFGLARY	75	19755
>PDGFRA-D8 DSNYVSKGST	1038	>PDGFRA-D8 YSNYVSKGST	315	723
>PDGFRA-D8 DSNYVSKGST	2919	>PDGFRA-D8 YSNYVSKGST	39	2880
>PDGFRA-D8 DSNYVSKGST	465	>PDGFRA-D8 YSNYVSKGST	7	458
>PDGFRA-D8 DSNYVSKGST	193	>PDGFRA-D8 YSNYVSKGST	4	189
>PDGFRA-D8 DSNYVSKGST	1372	>PDGFRA-D8 YSNYVSKGST	183	1189
>PDGFRA-D8 DSNYVSKGST	7845	>PDGFRA-D8 YSNYVSKGST	104	7741
>PDGFRA-D8 DSNYVSKGST	92	>PDGFRA-D8 YSNYVSKGST	5	87
>PDGFRA-D8 DSNYVSKGST	8669	>PDGFRA-D8 YSNYVSKGST	306	8363
>PDGFRA-D8 HDSNYVSK	26586	>PDGFRA-D8 HYSNYVSK	470	26116
>PDGFRA-D8 HDSNYVSK	5588	>PDGFRA-D8 HYSNYVSK	20	5568
>PDGFRA-D8 HDSNYVSK	13403	>PDGFRA-D8 HYSNYVSK	244	13159
>PDGFRA-D8 HDSNYVSK	2161	>PDGFRA-D8 HYSNYVSK	349	1812
>PDGFRA-D8 HDSNYVSK	14083	>PDGFRA-D8 HYSNYVSK	123	13960
>PDGFRA-D8 DFGLARDIMI	25709	>PDGFRA-D8 DFGLARDIMI	411	25298
>PDGFRA-D8 MHDSNYVSK	4370	>PDGFRA-D8 MHYSNYVSK	151	4219
>PDGFRA-D8 MHDSNYVSK	3716	>PDGFRA-D8 MHYSNYVSK	36	3680
>PDGFRA-D8 IMHDSNYV	14	>PDGFRA-D8 IMHYSNYV	17	3
>PDGFRA-D8 IMHDSNYV	3	>PDGFRA-D8 IMHYSNYV	4	1
>PDGFRA-D8 IMHDSNYV	3	>PDGFRA-D8 IMHYSNYV	6	3
>PDGFRA-D8 IMHDSNYV	15	>PDGFRA-D8 IMHYSNYV	52	37
>PDGFRA-D8 IMHDSNYV	2	>PDGFRA-D8 IMHYSNYV	3	1
>PDGFRA-D8 IMHDSNYVS	324	>PDGFRA-D8 IMHYSNYVS	5512	5188
>PDGFRA-D8 IMHDSNYV	3	>PDGFRA-D8 IMHYSNYV	5	2
>PDGFRA-D8 IMHDSNYV	7	>PDGFRA-D8 IMHYSNYV	17	10
>PDGFRA-D8 IMHDSNYV	3	>PDGFRA-D8 IMHYSNYV	12	9

>PDGFRA-D8 IMHDSNYV	2	>PDGFRA-D8 IMHYSNYV	4	2
>PDGFRA-D8 IMHDSNYVSK	399	>PDGFRA-D8 IMHYSNYVSK	9048	8649
>PDGFRA-D8 IMHDSNYVSK	35	>PDGFRA-D8 IMHYSNYVSK	18	17
>PDGFRA-D8 IMHDSNYVSK	80	>PDGFRA-D8 IMHYSNYVSK	57	23
>PDGFRA-D8 IMHDSNYV	527	>PDGFRA-D8 IMHYSNYV	216	311
>PDGFRA-D8 IMHDSNYVSK	15	>PDGFRA-D8 IMHYSNYVSK	11	4
>PDGFRA-D8 IMHDSNYV	93	>PDGFRA-D8 IMHYSNYV	32	61
>PDGFRA-D8 IMHDSNYVS	1028	>PDGFRA-D8 IMHYSNYVS	257	771
>PDGFRA-D8 IMHDSNYVSK	89	>PDGFRA-D8 IMHYSNYVSK	42	47
>PDGFRA-D8 DIMHDSNYV	334	>PDGFRA-D8 DIMHYSNYV	52	282
>PDGFRA-D8 DIMHDSNYV	639	>PDGFRA-D8 DIMHYSNYV	204	435
>PDGFRA-D8 DIMHDSNYV	507	>PDGFRA-D8 DIMHYSNYV	150	357
>PDGFRA-D8 DIMHDSNYV	656	>PDGFRA-D8 DIMHYSNYV	136	520
>PDGFRA-D8 DIMHDSNYV	299	>PDGFRA-D8 DIMHYSNYV	258	41
>PDGFRA-D8 DIMHDSNYV	22	>PDGFRA-D8 DIMHYSNYV	26	4
>PDGFRA-D8 DIMHDSNYV:	643	>PDGFRA-D8 DIMHYSNYV:	218	425
>PDGFRA-D8 DIMHDSNY	982	>PDGFRA-D8 DIMHYSNY	262	720
>PDGFRA-D8 DIMHDSNY	105	>PDGFRA-D8 DIMHYSNY	40	65
>PDGFRA-D8 DIMHDSNY	26	>PDGFRA-D8 DIMHYSNY	33	7
>PDGFRA-D8 DIMHDSNY	560	>PDGFRA-D8 DIMHYSNY	305	255
>PDGFRA-D8 DIMHDSNY	468	>PDGFRA-D8 DIMHYSNY	725	257
>PDGFRA-D8 DIMHDSNYV:	686	>PDGFRA-D8 DIMHYSNYV:	227	459
>PDGFRA-D8 DIMHDSNYV:	43	>PDGFRA-D8 DIMHYSNYV:	25	18
>PDGFRA-D8 DIMHDSNYV	15	>PDGFRA-D8 DIMHYSNYV	10	5
>PDGFRA-D8 DIMHDSNYV	12	>PDGFRA-D8 DIMHYSNYV	6	6
>PDGFRA-D8 DIMHDSNY	486	>PDGFRA-D8 DIMHYSNY	712	226
>PDGFRA-D8 RDIMHDSNY	976	>PDGFRA-D8 RDIMHYSNY	164	812
>PDGFRA-D8 RDIMHDSNY'	836	>PDGFRA-D8 RDIMHYSNY'	147	689
>PDGFRA-D8 RDIMHDSNY'	173	>PDGFRA-D8 RDIMHYSNY'	101	72
>PDGFRA-D8 ARDIMHDSN	330	>PDGFRA-D8 ARDIMHYSN'	334	4
>PDGFRA-D8 ARDIMHDSN	230	>PDGFRA-D8 ARDIMHYSN'	164	66
>PDGFRA-D8 LARDIMHD	26398	>PDGFRA-D8 LARDIMHY	183	26215
>PDGFRA-D8 LARDIMHDSN	292	>PDGFRA-D8 LARDIMHYSN	196	96
>PDGFRA-D8 LARDIMHD	2811	>PDGFRA-D8 LARDIMHY	261	2550
>PDGFRA-D8 LARDIMHDS	5906	>PDGFRA-D8 LARDIMHYS	400	5506
>PDGFRA-D8 LARDIMHDSN	1429	>PDGFRA-D8 LARDIMHYSN	250	1179
>PDGFRA-D8 LARDIMHD	31927	>PDGFRA-D8 LARDIMHY	267	31660
>PDGFRA-D8 LARDIMHDSN	146	>PDGFRA-D8 LARDIMHYSN	166	20
>PDGFRA-D8 LARDIMHD	18134	>PDGFRA-D8 LARDIMHY	81	18053
>PDGFRA-D8 LARDIMHDSN	202	>PDGFRA-D8 LARDIMHYSN	177	25
>PDGFRA-D8 LARDIMHD	24949	>PDGFRA-D8 LARDIMHY	192	24757
>PDGFRA-D8 LARDIMHDSN	258	>PDGFRA-D8 LARDIMHYSN	84	174
>PDGFRA-D8 LARDIMHD	15328	>PDGFRA-D8 LARDIMHY	10	15318

>PDGFRA-D8 LARDIMHDSM	6	>PDGFRA-D8 LARDIMHYSM	6	0
>PDGFRA-D8 LARDIMHDSM	104	>PDGFRA-D8 LARDIMHYSM	205	101
>PDGFRA-D8 LARDIMHDSM	21332	>PDGFRA-D8 LARDIMHYM	468	20864
>PDGFRA-D8 LARDIMHDSM	53	>PDGFRA-D8 LARDIMHYSM	26	27
>PDGFRA-D8 GLARDIMHDSM	6634	>PDGFRA-D8 GLARDIMHYM	363	6271
>PDGFRA-D8 GLARDIMHDSM	480	>PDGFRA-D8 GLARDIMHYM	91	389
>PDGFRA-D8 GLARDIMHDSM	18870	>PDGFRA-D8 GLARDIMHYM	329	18541
>PDGFRA-D8 GLARDIMHDSM	24917	>PDGFRA-D8 GLARDIMHYM	66	24851
>PDGFRA-D8 GLARDIMHDSM	32042	>PDGFRA-D8 GLARDIMHYM	253	31789
>PDGFRA-D8 GLARDIMHDSM	25876	>PDGFRA-D8 GLARDIMHYM	99	25777
>PDGFRA-D8 GLARDIMHDSM	18859	>PDGFRA-D8 GLARDIMHYM	85	18774
>PDGFRA-E3: EVRAYPPP	2320	>PDGFRA-E3: QVRAYPPP	64	2256
>PDGFRA-E3: EVRAYPPPR	314	>PDGFRA-E3: QVRAYPPPR	10	304
>PDGFRA-E3: EVRAYPPPRI	482	>PDGFRA-E3: QVRAYPPPRI	12	470
>PDGFRA-E3: EVRAYPPPRI	4545	>PDGFRA-E3: QVRAYPPPRI	155	4390
>PDGFRA-E3: EVRAYPPPR	156	>PDGFRA-E3: QVRAYPPPR	29	127
>PDGFRA-E3: EVRAYPPPR	47	>PDGFRA-E3: QVRAYPPPR	466	419
>PDGFRA-E3: EVRAYPPPR	39	>PDGFRA-E3: QVRAYPPPR	653	614
>PDGFRA-E3: EVRAYPPPRI	135	>PDGFRA-E3: QVRAYPPPRI	1424	1289
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>PDGFRA-E3: EVRAYPPPRI	888	>PDGFRA-E3: QVRAYPPPRI	163	725
>PDGFRA-E3: VEVRAYPPPR	270	>PDGFRA-E3: VQVRAYPPPF	6399	6129
>PDGFRA-E3: VEVRAYPPPR	10325	>PDGFRA-E3: VQVRAYPPPF	153	10172
>PDGFRA-E3: VEVRAYPPPR	5266	>PDGFRA-E3: VQVRAYPPPF	116	5150
>PDGFRA-E3: VEVRAYPPPR	4107	>PDGFRA-E3: VQVRAYPPPF	193	3914
>PDGFRA-E3: VEVRAYPPPR	437	>PDGFRA-E3: VQVRAYPPPF	7897	7460
>PDGFRA-E3: VEVRAYPPPR	8	>PDGFRA-E3: VQVRAYPPPF	1981	1973
>PDGFRA-E3: VVEVRAYPPP	905	>PDGFRA-E3: VVQVRAYPPPF	127	778
>PDGFRA-E3: VVEVRAYPPP	103	>PDGFRA-E3: VVQVRAYPPPF	29	74
>PDGFRA-E3: VVEVRAYPPP	1025	>PDGFRA-E3: VVQVRAYPPPF	329	696
>PDGFRA-E3: FVVEVRAYP	385	>PDGFRA-E3: FVVQVRAYP	3294	2909
>PDGFRA-E3: FVVEVRAYPP	187	>PDGFRA-E3: FVVQVRAYPF	1086	899
>PDGFRA-E3: FVVEVRAY	88	>PDGFRA-E3: FVVQVRAY	90	2
>PDGFRA-E3: FVVEVRAY	10	>PDGFRA-E3: FVVQVRAY	18	8
>PDGFRA-E3: FVVEVRAY	8	>PDGFRA-E3: FVVQVRAY	8	0
>PDGFRA-E3: FVVEVRAY	200	>PDGFRA-E3: FVVQVRAY	168	32
>PDGFRA-E3: FVVEVRAY	40	>PDGFRA-E3: FVVQVRAY	33	7
>PDGFRA-E3: FVVEVRAYP	374	>PDGFRA-E3: FVVQVRAYP	1425	1051
>PDGFRA-E3: FVVEVRAY	120	>PDGFRA-E3: FVVQVRAY	86	34
>PDGFRA-E3: FVVEVRAY	229	>PDGFRA-E3: FVVQVRAY	196	33
>PDGFRA-E3: FVVEVRAY	433	>PDGFRA-E3: FVVQVRAY	347	86
>PDGFRA-E3: FVVEVRAY	26	>PDGFRA-E3: FVVQVRAY	30	4
>PDGFRA-E3: FVVEVRAY	16	>PDGFRA-E3: FVVQVRAY	19	3

>PDGFRA-E3: HFVVEVRAY	246	>PDGFRA-E3: HFVVQVRAY	221	25
>PDGFRA-E3: HFVVEVRAY	261	>PDGFRA-E3: HFVVQVRAY	142	119
>PDGFRA-E3: HFVVEVRAY	653	>PDGFRA-E3: HFVVQVRAY	295	358
>PDGFRA-E3: HFVVEVRAY	166	>PDGFRA-E3: HFVVQVRAY	112	54
>PDGFRA-E3: HFVVEVRAY	40	>PDGFRA-E3: HFVVQVRAY	22	18
>PDGFRA-E3: KHFVVEVR	353	>PDGFRA-E3: KHFVVQVR	169	184
>PDGFRA-E3: KHFVVEVRAY	17	>PDGFRA-E3: KHFVVQVRA'	13	4
>PDGFRA-E3: KHFVVEVRAY	732	>PDGFRA-E3: KHFVVQVRA'	301	431
>PDGFRA-E3: KHFVVEVR	165	>PDGFRA-E3: KHFVVQVR	119	46
>PDGFRA-E3: VKHFVVEV	137	>PDGFRA-E3: VKHFVVQV	187	50
>PDGFRA-E3: VKHFVVEVR	1358	>PDGFRA-E3: VKHFVVQVR	451	907
>PDGFRA-E3: VKHFVVEVRA'	12	>PDGFRA-E3: VKHFVVQVR,	9	3
>PDGFRA-E3: EVKHFVVEVR	227	>PDGFRA-E3: EVKHFVVQVI	179	48
>PDGFRA-E3: EVKHFVVEVR	351	>PDGFRA-E3: EVKHFVVQVI	512	161
>PDGFRA-E3: EVKHFVVEVR	47	>PDGFRA-E3: EVKHFVVQVI	92	45
>PDGFRA-E3: EVKHFVVEV	9	>PDGFRA-E3: EVKHFVVQV	12	3
>PDGFRA-E3: EVKHFVVEVR	119	>PDGFRA-E3: EVKHFVVQVI	56	63
>PDGFRA-E3: EVKHFVVEV	44	>PDGFRA-E3: EVKHFVVQV	29	15
>PDGFRA-E3: HEVKHFVVE\	159	>PDGFRA-E3: HEVKHFVVQ'	165	6
>PDGFRA-E3: HEVKHFVVE	1313	>PDGFRA-E3: HEVKHFVVQ	355	958
>PDGFRA-E3: HEVKHFVVE\	255	>PDGFRA-E3: HEVKHFVVQ'	211	44
>PDGFRA-E3: HEVKHFVVE\	473	>PDGFRA-E3: HEVKHFVVQ'	572	99
>PDGFRA-E3: HEVKHFVVE\	142	>PDGFRA-E3: HEVKHFVVQ'	108	34
>PDGFRA-E5: EIRWRVIESI	2052	>PDGFRA-E5: KIRWRVIESI	490	1562
>PDGFRA-E5: EIRWRVIESI	2557	>PDGFRA-E5: KIRWRVIESI	174	2383
>PDGFRA-E5: EIRWRVIE	15128	>PDGFRA-E5: KIRWRVIE	358	14770
>PDGFRA-E5: EIRWRVIES	11022	>PDGFRA-E5: KIRWRVIES	23	10999
>PDGFRA-E5: EIRWRVIESI	6792	>PDGFRA-E5: KIRWRVIESI	17	6775
>PDGFRA-E5: EIRWRVIESIS	13637	>PDGFRA-E5: KIRWRVIESIS	102	13535
>PDGFRA-E5: EIRWRVIESI	1586	>PDGFRA-E5: KIRWRVIESI	25	1561
>PDGFRA-E5: YEIRWRVI	10	>PDGFRA-E5: YKIRWRVI	5979	5969
>PDGFRA-E5: YEIRWRVIESI	12	>PDGFRA-E5: YKIRWRVIESI	416	404
>PDGFRA-E5: YEIRWRVIESI	366	>PDGFRA-E5: YKIRWRVIESI	605	239
>PDGFRA-E5: YEIRWRVI	1113	>PDGFRA-E5: YKIRWRVI	29	1084
>PDGFRA-E5: YEIRWRVIESI	564	>PDGFRA-E5: YKIRWRVIESI	17	547
>PDGFRA-E5: YEIRWRVIESI	404	>PDGFRA-E5: YKIRWRVIESI	21738	21334
>PDGFRA-E5: YEIRWRVI	1181	>PDGFRA-E5: YKIRWRVI	381	800
>PDGFRA-E5: YEIRWRVIESI	1180	>PDGFRA-E5: YKIRWRVIESI	458	722
>PDGFRA-E5: YEIRWRVI	117	>PDGFRA-E5: YKIRWRVI	19519	19402
>PDGFRA-E5: YEIRWRVIESI	41	>PDGFRA-E5: YKIRWRVIESI	16978	16937
>PDGFRA-E5: YEIRWRVI	99	>PDGFRA-E5: YKIRWRVI	16904	16805
>PDGFRA-E5: YEIRWRVIESI	114	>PDGFRA-E5: YKIRWRVIESI	20269	20155
>PDGFRA-E5: YEIRWRVI	35	>PDGFRA-E5: YKIRWRVI	1339	1304

>PDGFRA-E5:YEIRWRVIE	232	>PDGFRA-E5:YKIRWRVIE	24158	23926
>PDGFRA-E5:YEIRWRVIESI	3	>PDGFRA-E5:YKIRWRVIESI	176	173
>PDGFRA-E5:VVIWKQKPR\	20049	>PDGFRA-E5:VVIWKQKPR\	175	19874
>PDGFRA-E5:VVIWKQKPR\	23911	>PDGFRA-E5:VVIWKQKPR\	35	23876
>PDGFRA-E5:VVIWKQKPR\	23026	>PDGFRA-E5:VVIWKQKPR\	356	22670
>PDGFRA-E5:RYEIRWRVI	137	>PDGFRA-E5:RYKIRWRVI	99	38
>PDGFRA-E5:RYEIRWRV	698	>PDGFRA-E5:RYKIRWRV	324	374
>PDGFRA-E5:RYEIRWRVI	72	>PDGFRA-E5:RYKIRWRVI	40	32
>PDGFRA-E5:RYEIRWRV	384	>PDGFRA-E5:RYKIRWRV	246	138
>PDGFRA-E5:RYEIRWRVI	116	>PDGFRA-E5:RYKIRWRVI	71	45
>PDGFRA-E5:RYEIRWRV	2821	>PDGFRA-E5:RYKIRWRV	15	2806
>PDGFRA-E5:RYEIRWRVI	552	>PDGFRA-E5:RYKIRWRVI	6	546
>PDGFRA-E5:RYEIRWRVIE	9657	>PDGFRA-E5:RYKIRWRVIE	187	9470
>PDGFRA-E5:RYEIRWRVIE\	4814	>PDGFRA-E5:RYKIRWRVIE\	20	4794
>PDGFRA-E5:RYEIRWRV	3569	>PDGFRA-E5:RYKIRWRV	273	3296
>PDGFRA-E5:RYEIRWRV	454	>PDGFRA-E5:RYKIRWRV	749	295
>PDGFRA-E5:PRYEIRWRV	385	>PDGFRA-E5:PRYKIRWRV	312	73
>PDGFRA-E5:PRYEIRWRV	348	>PDGFRA-E5:PRYKIRWRV	329	19
>PDGFRA-E5:PRYEIRWRVI	355	>PDGFRA-E5:PRYKIRWRVI	539	184
>PDGFRA-E5:PRYEIRWR	423	>PDGFRA-E5:PRYKIRWR	256	167
>PDGFRA-E5:KPRYEIRWR	2288	>PDGFRA-E5:KPRYKIRWR	298	1990
>PDGFRA-E5:KPRYEIRW	566	>PDGFRA-E5:KPRYKIRW	64	502
>PDGFRA-E5:KPRYEIRWRV	765	>PDGFRA-E5:KPRYKIRWRV	104	661
>PDGFRA-E5:KPRYEIRWRV	21	>PDGFRA-E5:KPRYKIRWRV	11	10
>PDGFRA-E5:KPRYEIRWRV	717	>PDGFRA-E5:KPRYKIRWRV	91	626
>PDGFRA-E5:KPRYEIRW	159	>PDGFRA-E5:KPRYKIRW	433	274
>PDGFRA-E5:KPRYEIRW	83	>PDGFRA-E5:KPRYKIRW	112	29
>PDGFRA-E5:KPRYEIRWR	393	>PDGFRA-E5:KPRYKIRWR	471	78
>PDGFRA-E5:KQKPRYEI	319	>PDGFRA-E5:KQKPRYKI	1327	1008
>PDGFRA-E5:KQKPRYEI	55	>PDGFRA-E5:KQKPRYKI	49	6
>PDGFRA-E5:KQKPRYEIR	813	>PDGFRA-E5:KQKPRYKIR	105	708
>PDGFRA-E5:KQKPRYEIRW	728	>PDGFRA-E5:KQKPRYKIRW	267	461
>PDGFRA-E5:KQKPRYEIR	9	>PDGFRA-E5:KQKPRYKIR	9	0
>PDGFRA-E5:KQKPRYEIRW	12	>PDGFRA-E5:KQKPRYKIRW	10	2
>PDGFRA-E5:KQKPRYEI	61	>PDGFRA-E5:KQKPRYKI	107	46
>PDGFRA-E5:KQKPRYEIR	252	>PDGFRA-E5:KQKPRYKIR	124	128
>PDGFRA-E5:KQKPRYEIRW	471	>PDGFRA-E5:KQKPRYKIRW	455	16
>PDGFRA-E5:KQKPRYEIRW	540	>PDGFRA-E5:KQKPRYKIRW	462	78
>PDGFRA-E5:KQKPRYEIRW	181	>PDGFRA-E5:KQKPRYKIRW	224	43
>PDGFRA-E5:KQKPRYEIR	112	>PDGFRA-E5:KQKPRYKIR	78	34
>PDGFRA-E5:KQKPRYEIRW	93	>PDGFRA-E5:KQKPRYKIRW	88	5
>PDGFRA-E5:WKQKPRYEI	98	>PDGFRA-E5:WKQKPRYKI	323	225
>PDGFRA-E5:IWKQKPRYE	13218	>PDGFRA-E5:IWKQKPRYK	82	13136

>PDGFRA-E5: IWKQKPRYEI	186	>PDGFRA-E5: IWKQKPRYKI	242	56
>PDGFRA-E5: IWKQKPRYE	6170	>PDGFRA-E5: IWKQKPRYK	35	6135
>PDGFRA-E5: IWKQKPRYEI	26	>PDGFRA-E5: IWKQKPRYKI	22	4
>PDGFRA-E5: IWKQKPRYEI	490	>PDGFRA-E5: IWKQKPRYKI	811	321
>PDGFRA-E5: VIWKQKPRYE	464	>PDGFRA-E5: VIWKQKPRYK	1822	1358
>PDGFRA-E5: VIWKQKPRYE	73	>PDGFRA-E5: VIWKQKPRYK	178	105
>PDGFRA-E5: VIWKQKPRYE	326	>PDGFRA-E5: VIWKQKPRYK	653	327
>PDGFRA-E5: VIWKQKPRYE	265	>PDGFRA-E5: VIWKQKPRYK	585	320
>PDGFRA-E5: VIWKQKPRYE	27361	>PDGFRA-E5: VIWKQKPRYK	223	27138
>PDGFRA-E5: VIWKQKPRYE	17992	>PDGFRA-E5: VIWKQKPRYK	259	17733
>PDGFRA-E5: ESISPDGHEY	204	>PDGFRA-E5: KSISPDGHEY	844	640
>PDGFRA-E5: ESISPDGHEY	270	>PDGFRA-E5: KSISPDGHEY	7490	7220
>PDGFRA-E5: ESISPDGH	65	>PDGFRA-E5: KSISPDGH	5608	5543
>PDGFRA-E5: ESISPDGHE	147	>PDGFRA-E5: KSISPDGHE	11799	11652
>PDGFRA-E5: ESISPDGHEY	3	>PDGFRA-E5: KSISPDGHEY	43	40
>PDGFRA-E5: ESISPDGHEYI	22	>PDGFRA-E5: KSISPDGHEYI	1407	1385
>PDGFRA-E5: ESISPDGHEY	35	>PDGFRA-E5: KSISPDGHEY	1386	1351
>PDGFRA-E5: ESISPDGHEY	75	>PDGFRA-E5: KSISPDGHEY	29	46
>PDGFRA-E5: ESISPDGHEY	150	>PDGFRA-E5: KSISPDGHEY	4079	3929
>PDGFRA-E5: ESISPDGHEYI	13	>PDGFRA-E5: KSISPDGHEYI	1321	1308
>PDGFRA-E5: ESISPDGHEYI	178	>PDGFRA-E5: KSISPDGHEYI	8031	7853
>PDGFRA-E5: ESISPDGHEY	8304	>PDGFRA-E5: KSISPDGHEY	394	7910
>PDGFRA-E5: ESISPDGHEY	691	>PDGFRA-E5: KSISPDGHEY	136	555
>PDGFRA-E5: ESISPDGHEY	943	>PDGFRA-E5: KSISPDGHEY	88	855
>PDGFRA-E5: ESISPDGHEY	26	>PDGFRA-E5: KSISPDGHEY	5	21
>PDGFRA-E5: ESISPDGHEYI	2022	>PDGFRA-E5: KSISPDGHEYI	50	1972
>PDGFRA-E5: ESISPDGHEY	7512	>PDGFRA-E5: KSISPDGHEY	159	7353
>PDGFRA-E5: ESISPDGHEY	5153	>PDGFRA-E5: KSISPDGHEY	24	5129
>PDGFRA-E5: ESISPDGHEYI	4990	>PDGFRA-E5: KSISPDGHEYI	24	4966
>PDGFRA-E5: ESISPDGHEYI	3756	>PDGFRA-E5: KSISPDGHEYI	383	3373
>PDGFRA-E5: ESISPDGHEYI	187	>PDGFRA-E5: KSISPDGHEYI	19	168
>PDGFRA-E5: IESISPDGHEY	324	>PDGFRA-E5: IKSISPDGHEY	156	168
>PDGFRA-E5: IESISPDGHEY	452	>PDGFRA-E5: IKSISPDGHEY	11	441
>PDGFRA-E5: IESISPDGHEY	68	>PDGFRA-E5: IKSISPDGHEY	9213	9145
>PDGFRA-E5: IESISPDGHEY	313	>PDGFRA-E5: IKSISPDGHEY	14804	14491
>PDGFRA-E5: IESISPDGHEY	461	>PDGFRA-E5: IKSISPDGHEY	27148	26687
>PDGFRA-E5: PRYEIRWRVII	8476	>PDGFRA-E5: PRYEIRWRVII	204	8272
>PDGFRA-E5: RVIESISPDGH	444	>PDGFRA-E5: RVIKSISPDGH	915	471
>PDGFRA-E5: RWRVIESI	312	>PDGFRA-E5: RWRVIKSI	655	343
>PDGFRA-E5: RWRVIESI	92	>PDGFRA-E5: RWRVIKSI	27	65
>PDGFRA-E5: RWRVIESIS	1021	>PDGFRA-E5: RWRVIKSIS	452	569
>PDGFRA-E5: RWRVIESISP	310	>PDGFRA-E5: RWRVIKSISP	143	167
>PDGFRA-E5: RWRVIESI	96	>PDGFRA-E5: RWRVIKSI	87	9

>PDGFRA-E5 IRWRVIESI	100	>PDGFRA-E5 IRWRVIKSI	30	70
>PDGFRA-E5 IRWRVIESI	109	>PDGFRA-E5 IRWRVIKSI	57	52
>PDGFRA-E5 IRWRVIES	265	>PDGFRA-E5 IRWRVIKS	164	101
>PDGFRA-E5 IRWRVIESI	34	>PDGFRA-E5 IRWRVIKSI	29	5
>PDGFRA-E5 IRWRVIESISP	566	>PDGFRA-E5 IRWRVIKSISP	456	110
>PDGFRA-E5 IRWRVIES	472	>PDGFRA-E5 IRWRVIKS	280	192
>PDGFRA-E5 IRWRVIESI	541	>PDGFRA-E5 IRWRVIKSI	382	159
>PDGFRA-E5 IRWRVIESIS	390	>PDGFRA-E5 IRWRVIKSIS	306	84
>PDGFRA-E5 IRWRVIESISP	247	>PDGFRA-E5 IRWRVIKSISP	207	40
>PDGFRA-E5 IRWRVIES	485	>PDGFRA-E5 IRWRVIKS	606	121
>PDGFRA-E5 IRWRVIESI	220	>PDGFRA-E5 IRWRVIKSI	268	48
>PDGFRA-E5 IRWRVIESI	43	>PDGFRA-E5 IRWRVIKSI	34	9
>PDGFRA-E5 EIRWRVIE	15128	>PDGFRA-E5 EIRWRVIK	355	14773
>PDGFRA-E5 EIRWRVIE	9909	>PDGFRA-E5 EIRWRVIK	349	9560
>PDGFRA-E5 EIRWRVIE	11942	>PDGFRA-E5 EIRWRVIK	78	11864
>PDGFRA-E5 YEIRWRVIESI	12	>PDGFRA-E5 YEIRWRVIKSI	8	4
>PDGFRA-E5 YEIRWRVIESI	366	>PDGFRA-E5 YEIRWRVIKSI	1776	1410
>PDGFRA-E5 YEIRWRVIESI	564	>PDGFRA-E5 YEIRWRVIKSI	380	184
>PDGFRA-E5 YEIRWRVIESI	404	>PDGFRA-E5 YEIRWRVIKSI	386	18
>PDGFRA-E5 YEIRWRVIESI	41	>PDGFRA-E5 YEIRWRVIKSI	163	122
>PDGFRA-E5 YEIRWRVIESI	114	>PDGFRA-E5 YEIRWRVIKSI	122	8
>PDGFRA-E5 YEIRWRVIE	232	>PDGFRA-E5 YEIRWRVIK	178	54
>PDGFRA-E5 YEIRWRVIESI	3	>PDGFRA-E5 YEIRWRVIKSI	3	0
>PDGFRA-E5 RYEIRWRVIE	9657	>PDGFRA-E5 RYEIRWRVIK	24	9633
>PDGFRA-E5 RYEIRWRVIE	8396	>PDGFRA-E5 RYEIRWRVIK	141	8255
>PDGFRA-E9 EEDKCLKDW	275	>PDGFRA-E9 KEDKCLKDW	221	54
>PDGFRA-E9 EEDKCLKDW	73	>PDGFRA-E9 KEDKCLKDW	166	93
>PDGFRA-E9 EEDKCLKDWE	358	>PDGFRA-E9 KEDKCLKDWE	925	567
>PDGFRA-E9 NEEDKCLKDW	318	>PDGFRA-E9 NKEDKCLKDW	17504	17186
>PDGFRA-E9 NEEDKCLKDW	90	>PDGFRA-E9 NKEDKCLKDW	10546	10456
>PDGFRA-E9 NEEDKCLKDW	75	>PDGFRA-E9 NKEDKCLKDW	11329	11254
>PDGFRA-E9 NAYIGVITYKN	11866	>PDGFRA-E9 NAYIGVITYKN	133	11733
>PDGFRA-E9 KNEEDKLK	10547	>PDGFRA-E9 KNKEDKLK	149	10398
>PDGFRA-E9 YKNEEDKL	466	>PDGFRA-E9 YKNKEDKL	313	153
>PDGFRA-E9 YKNEEDKCLKD	413	>PDGFRA-E9 YKNKEDKCLKD	619	206
>PDGFRA-E9 TYKNEEDKL	48	>PDGFRA-E9 TYKNKEDKL	115	67
>PDGFRA-E9 TYKNEEDKLK	724	>PDGFRA-E9 TYKNKEDKLK	315	409
>PDGFRA-E9 VTYKNEEDK	1006	>PDGFRA-E9 VTYKNKEDK	424	582
>PDGFRA-E9 VTYKNEEDKL	257	>PDGFRA-E9 VTYKNKEDKL	175	82
>PDGFRA-E9 VTYKNEEDK	159	>PDGFRA-E9 VTYKNKEDK	120	39
>PDGFRA-E9 VTYKNEEDKL	61	>PDGFRA-E9 VTYKNKEDKL	56	5
>PDGFRA-E9 VTYKNEEDK	86	>PDGFRA-E9 VTYKNKEDK	145	59
>PDGFRA-E9 VTYKNEEDKL	86	>PDGFRA-E9 VTYKNKEDKL	115	29



>PDGFRA-E9:VTYKNEEDKL	63	>PDGFRA-E9:VTYKNKEDKL	56	7
>PDGFRA-E9:VTYKNEEDK	822	>PDGFRA-E9:VTYKNKEDK	481	341
>PDGFRA-E9:GVTYKNEEDK	580	>PDGFRA-E9:GVTYKNKEDK	494	86
>PDGFRA-E9:AYIGVTYKNE	1042	>PDGFRA-E9:AYIGVTYKNK	406	636
>PDGFRA-E9:AYIGVTYKNE	13189	>PDGFRA-E9:AYIGVTYKNK	125	13064
>PDGFRA-F8:FLASKNCV	13	>PDGFRA-F8:LLASKNCV	82	69
>PDGFRA-F8:FLASKNCV	3	>PDGFRA-F8:LLASKNCV	8	5
>PDGFRA-F8:FLASKNCVHR	145	>PDGFRA-F8:LLASKNCVHR	1570	1425
>PDGFRA-F8:FLASKNCV	4	>PDGFRA-F8:LLASKNCV	16	12
>PDGFRA-F8:FLASKNCV	23	>PDGFRA-F8:LLASKNCV	426	403
>PDGFRA-F8:FLASKNCV	4	>PDGFRA-F8:LLASKNCV	16	12
>PDGFRA-F8:FLASKNCV	5	>PDGFRA-F8:LLASKNCV	18	13
>PDGFRA-F8:FLASKNCV	6	>PDGFRA-F8:LLASKNCV	10	4
>PDGFRA-F8:FLASKNCV	4	>PDGFRA-F8:LLASKNCV	7	3
>PDGFRA-F8:FLASKNCV	2	>PDGFRA-F8:LLASKNCV	3	1
>PDGFRA-F8:FLASKNCVHR	256	>PDGFRA-F8:LLASKNCVHR	1538	1282
>PDGFRA-F8:FLASKNCVHR	407	>PDGFRA-F8:LLASKNCVHR	237	170
>PDGFRA-F8:FLASKNCVHR	45	>PDGFRA-F8:LLASKNCVHR	187	142
>PDGFRA-F8:FLASKNCV	215	>PDGFRA-F8:LLASKNCV	1623	1408
>PDGFRA-F8:FLASKNCV	348	>PDGFRA-F8:LLASKNCV	951	603
>PDGFRA-F8:FLASKNCVHR	155	>PDGFRA-F8:LLASKNCVHR	181	26
>PDGFRA-F8:EFLASKNCV	16487	>PDGFRA-F8:ELLASKNCV	101	16386
>PDGFRA-F8:EFLASKNCV	19819	>PDGFRA-F8:ELLASKNCV	163	19656
>PDGFRA-F8:EFLASKNCV	13871	>PDGFRA-F8:ELLASKNCV	26	13845
>PDGFRA-F8:EFLASKNCV	14903	>PDGFRA-F8:ELLASKNCV	19	14884
>PDGFRA-F8:EFLASKNCV	15478	>PDGFRA-F8:ELLASKNCV	19	15459
>PDGFRA-F8:EFLASKNCVH	143	>PDGFRA-F8:ELLASKNCVH	539	396
>PDGFRA-F8:EFLASKNCVH	25	>PDGFRA-F8:ELLASKNCVH	84	59
>PDGFRA-F8:EFLASKNCVH	70	>PDGFRA-F8:ELLASKNCVH	38	32
>PDGFRA-F8:EFLASKNCV	4934	>PDGFRA-F8:ELLASKNCV	172	4762
>PDGFRA-F8:EFLASKNCVH	32	>PDGFRA-F8:ELLASKNCVH	84	52
>PDGFRA-F8:FTYQVARGM	14860	>PDGFRA-F8:FTYQVARGM	299	14561
>PDGFRA-F8:FTYQVARGM	3103	>PDGFRA-F8:FTYQVARGM	71	3032
>PDGFRA-F8:FTYQVARGM	5299	>PDGFRA-F8:FTYQVARGM	88	5211
>PDGFRA-F8:FTYQVARGM	475	>PDGFRA-F8:FTYQVARGM	52	423
>PDGFRA-F8:FTYQVARGM	1663	>PDGFRA-F8:FTYQVARGM	14	1649
>PDGFRA-F8:FTYQVARGM	12893	>PDGFRA-F8:FTYQVARGM	141	12752
>PDGFRA-F8:FTYQVARGM	20026	>PDGFRA-F8:FTYQVARGM	125	19901
>PDGFRA-F8:FTYQVARGM	61	>PDGFRA-F8:FTYQVARGM	1252	1191
>PDGFRA-F8:FTYQVARGM	146	>PDGFRA-F8:FTYQVARGM	1558	1412
>PDGFRA-F8:FTYQVARGM	310	>PDGFRA-F8:FTYQVARGM	7483	7173
>PDGFRA-F8:FTYQVARGM	323	>PDGFRA-F8:FTYQVARGM	1664	1341
>PDGFRA-F8:FTYQVARGM	5787	>PDGFRA-F8:FTYQVARGM	58	5729

>PDGFRA-F8IFTYQVARGM	3333	>PDGFRA-F8IFTYQVARGM	58	3275
>PDGFRA-F8IFTYQVARGM	74	>PDGFRA-F8IFTYQVARGM	1875	1801
>PDGFRA-F8IFTYQVARGM	216	>PDGFRA-F8IFTYQVARGM	4033	3817
>PDGFRA-F8IFTYQVARGM	11	>PDGFRA-F8IFTYQVARGM	204	193
>PDGFRA-F8IFTYQVARGM	4	>PDGFRA-F8IFTYQVARGM	16	12
>PDGFRA-F8IFTYQVARGM	359	>PDGFRA-F8IFTYQVARGM	4597	4238
>PDGFRA-F8IFTYQVARGM	242	>PDGFRA-F8IFTYQVARGM	1992	1750
>PDGFRA-F8IFTYQVARGM	75	>PDGFRA-F8IFTYQVARGM	1330	1255
>PDGFRA-F8IFTYQVARGM	735	>PDGFRA-F8IFTYQVARGM	378	357
>PDGFRA-F8IFTYQVARGM	10	>PDGFRA-F8IFTYQVARGM	49	39
>PDGFRA-F8IFTYQVARGM	3686	>PDGFRA-F8IFTYQVARGM	112	3574
>PDGFRA-F8IMEFLASKNC	351	>PDGFRA-F8IMELLASKNC	670	319
>PDGFRA-F8IMEFLASKNC\	6	>PDGFRA-F8IMELLASKNC\	9	3
>PDGFRA-F8IMEFLASKNC\	334	>PDGFRA-F8IMELLASKNC\	770	436
>PDGFRA-F8IMEFLASKNC\	402	>PDGFRA-F8IMELLASKNC\	1408	1006
>PDGFRA-F8IMEFLASKNC\	372	>PDGFRA-F8IMELLASKNC\	1499	1127
>PDGFRA-F8IMEFLASKNC	313	>PDGFRA-F8IMELLASKNC	645	332
>PDGFRA-F8IMEFLASKNC\	72	>PDGFRA-F8IMELLASKNC\	64	8
>PDGFRA-F8IGMEFLASKNC	253	>PDGFRA-F8IGMELLASKNC	498	245
>PDGFRA-F8IGMEFLASKNC	342	>PDGFRA-F8IGMELLASKNC	818	476
>PDGFRA-F8IGMEFLASKNC	46	>PDGFRA-F8IGMELLASKNC	74	28
>PDGFRA-F8IGMEFLASKNC	145	>PDGFRA-F8IGMELLASKNC	174	29
>PDGFRA-F8IGMEFLASKNC	32	>PDGFRA-F8IGMELLASKNC	40	8
>PDGFRA-F8IGMEFLASK	403	>PDGFRA-F8IGMELLASK	928	525
>PDGFRA-F8IGMEFLASK	95	>PDGFRA-F8IGMELLASK	221	126
>PDGFRA-F8IRGMEFLASK	237	>PDGFRA-F8IRGMELLASK	389	152
>PDGFRA-F8IRGMEFLASK	37	>PDGFRA-F8IRGMELLASK	99	62
>PDGFRA-F8IRGMEFLASK	25	>PDGFRA-F8IRGMELLASK	62	37
>PDGFRA-F8IRGMEFLASK	334	>PDGFRA-F8IRGMELLASK	509	175
>PDGFRA-F8IVARGMEFLA	934	>PDGFRA-F8IVARGMELLA	471	463
>PDGFRA-F8IVARGMEFLA'	13	>PDGFRA-F8IVARGMELLA'	13	0
>PDGFRA-F8IVARGMEFL	71	>PDGFRA-F8IVARGMELL	77	6
>PDGFRA-F8IQVARGMEFL	54	>PDGFRA-F8IQVARGMELL	146	92
>PDGFRA-F8IQVARGMEFL	53	>PDGFRA-F8IQVARGMELL	302	249
>PDGFRA-F8IQVARGMEF	104	>PDGFRA-F8IQVARGMEL	594	490
>PDGFRA-F8IQVARGMEFL	8	>PDGFRA-F8IQVARGMELL	56	48
>PDGFRA-F8IQVARGMEF	7514	>PDGFRA-F8IQVARGMEL	48	7466
>PDGFRA-F8IQVARGMEFL	16	>PDGFRA-F8IQVARGMELL	26	10
>PDGFRA-F8IQVARGMEFL	155	>PDGFRA-F8IQVARGMELL	357	202
>PDGFRA-F8IQVARGMEF	411	>PDGFRA-F8IQVARGMEL	5635	5224
>PDGFRA-F8IYQVARGMEF	15373	>PDGFRA-F8IYQVARGMEL	297	15076
>PDGFRA-F8IYQVARGMEF	180	>PDGFRA-F8IYQVARGMEL	761	581
>PDGFRA-F8IYQVARGMEF	7577	>PDGFRA-F8IYQVARGMEL	128	7449

>PDGFRA-F8IYQVARGMEF	77	>PDGFRA-F8IYQVARGMEL	105	28
>PDGFRA-F8IYQVARGMEF	231	>PDGFRA-F8IYQVARGMEL	1055	824
>PDGFRA-F8IYQVARGMEF	4118	>PDGFRA-F8IYQVARGMEL	107	4011
>PDGFRA-F8IYQVARGMEF	218	>PDGFRA-F8IYQVARGMEL	277	59
>PDGFRA-F8IYQVARGMEF	247	>PDGFRA-F8IYQVARGMEL	252	5
>PDGFRA-F8IYQVARGMEF	20	>PDGFRA-F8IYQVARGMEL	7	13
>PDGFRA-F8IYQVARGMEF	227	>PDGFRA-F8IYQVARGMEL	336	109
>PDGFRA-F8IYQVARGMEF	6	>PDGFRA-F8IYQVARGMEL	11	5
>PDGFRA-F8IYQVARGMEF	249	>PDGFRA-F8IYQVARGMEL	791	542
>PDGFRA-F8IYQVARGMEF	432	>PDGFRA-F8IYQVARGMEL	1660	1228
>PDGFRA-F8IYQVARGMEF	35	>PDGFRA-F8IYQVARGMEL	107	72
>PDGFRA-F8IYQVARGMEF	151	>PDGFRA-F8IYQVARGMEL	217	66
>PDGFRA-F8IYQVARGMEF	34	>PDGFRA-F8IYQVARGMEL	394	360
>PDGFRA-F8IYQVARGMEF	2	>PDGFRA-F8IYQVARGMEL	9	7
>PDGFRA-F8IYQVARGMEF	39	>PDGFRA-F8IYQVARGMEL	56	17
>PDGFRA-F8IYQVARGMEF	447	>PDGFRA-F8IYQVARGMEL	20	427
>PDGFRA-F8IYQVARGMEF	54	>PDGFRA-F8IYQVARGMEL	31	23
>PDGFRA-F8IYQVARGMEF	3051	>PDGFRA-F8IYQVARGMEL	139	2912
>PDGFRA-F8IYQVARGMEF	660	>PDGFRA-F8IYQVARGMEL	171	489
>PDGFRA-F8ITYQVARGME	1158	>PDGFRA-F8ITYQVARGME	19	1139
>PDGFRA-F8ITYQVARGME	11	>PDGFRA-F8ITYQVARGME	26	15
>PDGFRA-F8ITYQVARGME	150	>PDGFRA-F8ITYQVARGME	2614	2464
>PDGFRA-F8ITYQVARGME	167	>PDGFRA-F8ITYQVARGME	113	54
>PDGFRA-F8ITYQVARGME	85	>PDGFRA-F8ITYQVARGME	912	827
>PDGFRA-F8ITYQVARGME	500	>PDGFRA-F8ITYQVARGME	409	91
>PDGFRA-F8ITYQVARGME	4	>PDGFRA-F8ITYQVARGME	7	3
>PDGFRA-F8ITYQVARGME	8	>PDGFRA-F8ITYQVARGME	12	4
>PDGFRA-F8ITYQVARGME	414	>PDGFRA-F8ITYQVARGME	5877	5463
>PDGFRA-F8ITYQVARGME	285	>PDGFRA-F8ITYQVARGME	952	667
>PDGFRA-G8GKIVKICDF	44	>PDGFRA-G8RKIVKICDF	6	38
>PDGFRA-G8GKIVKICDFGL	2314	>PDGFRA-G8RKIVKICDFGL	170	2144
>PDGFRA-G8GKIVKICDFGL	6119	>PDGFRA-G8RKIVKICDFGL	498	5621
>PDGFRA-G8QGKIVKICDF	4039	>PDGFRA-G8QRKIVKICDF	218	3821
>PDGFRA-G8LAARNVLLAC	20018	>PDGFRA-G8LAARNVLLAC	130	19888
>PDGFRA-G8LAARNVLLAC	25633	>PDGFRA-G8LAARNVLLAC	24	25609
>PDGFRA-G8AQQKIVKI	14512	>PDGFRA-G8AQRKIVKI	226	14286
>PDGFRA-G8AQQKIVKICD	102	>PDGFRA-G8AQRKIVKICDI	53	49
>PDGFRA-G8AQQKIVKI	831	>PDGFRA-G8AQRKIVKI	65	766
>PDGFRA-G8AQQKIVKICD	29	>PDGFRA-G8AQRKIVKICDI	5	24
>PDGFRA-G8AQQKIVKI	267	>PDGFRA-G8AQRKIVKI	64	203
>PDGFRA-G8LAQKIVK	628	>PDGFRA-G8LAQRKIVK	441	187
>PDGFRA-G8LAQKIVKI	234	>PDGFRA-G8LAQRKIVKI	158	76
>PDGFRA-G8LLAQKIV	100	>PDGFRA-G8LLAQRKIV	136	36

>PDGFRA-G8 LLAQGKIVKI	87	>PDGFRA-G8 LLAQRKIVKI	277	190
>PDGFRA-G8 LLAQGKIV	17	>PDGFRA-G8 LLAQRKIV	35	18
>PDGFRA-G8 LLAQGKIVKI	124	>PDGFRA-G8 LLAQRKIVKI	180	56
>PDGFRA-G8 LLAQGKIV	18	>PDGFRA-G8 LLAQRKIV	73	55
>PDGFRA-G8 LLAQGKIVKI	17	>PDGFRA-G8 LLAQRKIVKI	38	21
>PDGFRA-G8 LLAQGKIV	75	>PDGFRA-G8 LLAQRKIV	388	313
>PDGFRA-G8 LLAQGKIVKI	263	>PDGFRA-G8 LLAQRKIVKI	483	220
>PDGFRA-G8 LLAQGKIV	15	>PDGFRA-G8 LLAQRKIV	44	29
>PDGFRA-G8 LLAQGKIVKI	25	>PDGFRA-G8 LLAQRKIVKI	73	48
>PDGFRA-G8 LLAQGKIV	54	>PDGFRA-G8 LLAQRKIV	418	364
>PDGFRA-G8 LLAQGKIVKI	91	>PDGFRA-G8 LLAQRKIVKI	499	408
>PDGFRA-G8 LLAQGKIV	3	>PDGFRA-G8 LLAQRKIV	3	0
>PDGFRA-G8 LLAQGKIVKI	4	>PDGFRA-G8 LLAQRKIVKI	6	2
>PDGFRA-G8 LLAQGKIVKIC	80	>PDGFRA-G8 LLAQRKIVKIC	156	76
>PDGFRA-G8 LLAQGKIVK	131	>PDGFRA-G8 LLAQRKIVK	74	57
>PDGFRA-G8 LLAQGKIV	9108	>PDGFRA-G8 LLAQRKIV	368	8740
>PDGFRA-G8 VLLAQGKIVK	301	>PDGFRA-G8 VLLAQRKIVKI	453	152
>PDGFRA-G8 VLLAQGKI	376	>PDGFRA-G8 VLLAQRKI	1110	734
>PDGFRA-G8 VLLAQGKIV	163	>PDGFRA-G8 VLLAQRKIV	591	428
>PDGFRA-G8 VLLAQGKIVK	336	>PDGFRA-G8 VLLAQRKIVKI	607	271
>PDGFRA-G8 VLLAQGKI	14	>PDGFRA-G8 VLLAQRKI	34	20
>PDGFRA-G8 VLLAQGKIV	9	>PDGFRA-G8 VLLAQRKIV	60	51
>PDGFRA-G8 VLLAQGKIVK	9	>PDGFRA-G8 VLLAQRKIVKI	29	20
>PDGFRA-G8 VLLAQGKI	144	>PDGFRA-G8 VLLAQRKI	496	352
>PDGFRA-G8 VLLAQGKIV	18	>PDGFRA-G8 VLLAQRKIV	240	222
>PDGFRA-G8 VLLAQGKIVK	52	>PDGFRA-G8 VLLAQRKIVKI	197	145
>PDGFRA-G8 VLLAQGKI	44	>PDGFRA-G8 VLLAQRKI	137	93
>PDGFRA-G8 VLLAQGKIV	13	>PDGFRA-G8 VLLAQRKIV	44	31
>PDGFRA-G8 VLLAQGKIVK	24	>PDGFRA-G8 VLLAQRKIVKI	70	46
>PDGFRA-G8 VLLAQGKI	250	>PDGFRA-G8 VLLAQRKI	500	250
>PDGFRA-G8 VLLAQGKIV	67	>PDGFRA-G8 VLLAQRKIV	555	488
>PDGFRA-G8 VLLAQGKIVK	88	>PDGFRA-G8 VLLAQRKIVKI	235	147
>PDGFRA-G8 VLLAQGKI	32	>PDGFRA-G8 VLLAQRKI	39	7
>PDGFRA-G8 VLLAQGKIV	7	>PDGFRA-G8 VLLAQRKIV	7	0
>PDGFRA-G8 VLLAQGKIVK	14	>PDGFRA-G8 VLLAQRKIVKI	15	1
>PDGFRA-G8 VLLAQGKIVK	67	>PDGFRA-G8 VLLAQRKIVK	59	8
>PDGFRA-G8 VLLAQGKIVK	238	>PDGFRA-G8 VLLAQRKIVK	184	54
>PDGFRA-G8 NVLLAQGK	387	>PDGFRA-G8 NVLLAQRK	571	184
>PDGFRA-G8 NVLLAQGKI	468	>PDGFRA-G8 NVLLAQRKI	2083	1615
>PDGFRA-G8 RNVLLAQG	21467	>PDGFRA-G8 RNVLLAQR	249	21218
>PDGFRA-G8 RNVLLAQG	34449	>PDGFRA-G8 RNVLLAQR	183	34266
>PDGFRA-G8 ARNVLLAQG	3676	>PDGFRA-G8 ARNVLLAQR	72	3604
>PDGFRA-G8 ARNVLLAQGI	172	>PDGFRA-G8 ARNVLLAQRK	115	57

>PDGFRA-G8 ARNVLLAQGI	91	>PDGFRA-G8 ARNVLLAQRH	82	9
>PDGFRA-G8 ARNVLLAQGI	400	>PDGFRA-G8 ARNVLLAQRH	201	199
>PDGFRA-G8 AARNVLLAQG	202	>PDGFRA-G8 AARNVLLAQF	63	139
>PDGFRA-G8 AARNVLLAQG	6	>PDGFRA-G8 AARNVLLAQF	6	0
>PDGFRA-G8 AARNVLLAQG	25073	>PDGFRA-G8 AARNVLLAQF	38	25035
>PDGFRA-G8 AARNVLLAQG	37858	>PDGFRA-G8 AARNVLLAQF	346	37512
>PDGFRA-H8 HRDLAARNVI	62	>PDGFRA-H8 YRDLAARNVI	418	356
>PDGFRA-H8 HRDLAARNVI	371	>PDGFRA-H8 YRDLAARNVI	254	117
>PDGFRA-H8 HRDLAARNVI	21	>PDGFRA-H8 YRDLAARNVI	18	3
>PDGFRA-H8 HRDLAARNVI	49	>PDGFRA-H8 YRDLAARNVI	36	13
>PDGFRA-H8 HRDLAARNVI	347	>PDGFRA-H8 YRDLAARNVI	2352	2005
>PDGFRA-H8 HRDLAARNVI	60	>PDGFRA-H8 YRDLAARNVI	144	84
>PDGFRA-H8 VHRDLAARNV	20920	>PDGFRA-H8 VYRDLAARNV	141	20779
>PDGFRA-H8 VHRDLAARNV	10143	>PDGFRA-H8 VYRDLAARNV	238	9905
>PDGFRA-H8 VHRDLAARNV	9227	>PDGFRA-H8 VYRDLAARNV	194	9033
>PDGFRA-H8 VHRDLAAR	2598	>PDGFRA-H8 VYRDLAAR	30	2568
>PDGFRA-H8 VHRDLAAR	4332	>PDGFRA-H8 VYRDLAAR	37	4295
>PDGFRA-H8 VHRDLAARNV	471	>PDGFRA-H8 VYRDLAARNV	11894	11423
>PDGFRA-H8 VHRDLAAR	2418	>PDGFRA-H8 VYRDLAAR	127	2291
>PDGFRA-H8 MEFLASKNCV	2623	>PDGFRA-H8 MEFLASKNCV	89	2534
>PDGFRA-H8 MEFLASKNCV	4790	>PDGFRA-H8 MEFLASKNCV	109	4681
>PDGFRA-H8 MEFLASKNCV	1990	>PDGFRA-H8 MEFLASKNCV	35	1955
>PDGFRA-H8 MEFLASKNCV	334	>PDGFRA-H8 MEFLASKNCV	13	321
>PDGFRA-H8 MEFLASKNCV	2760	>PDGFRA-H8 MEFLASKNCV	233	2527
>PDGFRA-H8 MEFLASKNCV	778	>PDGFRA-H8 MEFLASKNCV	56	722
>PDGFRA-H8 CVHRDLAARNV	519	>PDGFRA-H8 CVYRDLAARNV	111	408
>PDGFRA-H8 CVHRDLAARNV	3463	>PDGFRA-H8 CVYRDLAARNV	480	2983
>PDGFRA-H8 CVHRDLAARNV	1087	>PDGFRA-H8 CVYRDLAARNV	277	810
>PDGFRA-H8 CVHRDLAAR	70	>PDGFRA-H8 CVYRDLAAR	29	41
>PDGFRA-H8 CVHRDLAAR	841	>PDGFRA-H8 CVYRDLAAR	251	590
>PDGFRA-H8 CVHRDLAAR	159	>PDGFRA-H8 CVYRDLAAR	41	118
>PDGFRA-H8 CVHRDLAARNV	723	>PDGFRA-H8 CVYRDLAARNV	392	331
>PDGFRA-H8 KNCVHRDLAAR	51	>PDGFRA-H8 KNCVYRDLAAR	44	7
>PDGFRA-H8 KNCVHRDLAAR	540	>PDGFRA-H8 KNCVYRDLAAR	453	87
>PDGFRA-H8 SKNCVHRDL	171	>PDGFRA-H8 SKNCVYRDL	109	62
>PDGFRA-H8 ASKNCVHR	3002	>PDGFRA-H8 ASKNCVYR	466	2536
>PDGFRA-H8 ASKNCVHR	435	>PDGFRA-H8 ASKNCVYR	219	216
>PDGFRA-H8 ASKNCVHRDI	184	>PDGFRA-H8 ASKNCVYRDI	209	25
>PDGFRA-H8 ASKNCVHR	12	>PDGFRA-H8 ASKNCVYR	8	4
>PDGFRA-H8 ASKNCVHR	608	>PDGFRA-H8 ASKNCVYR	229	379
>PDGFRA-H8 ASKNCVHRDI	409	>PDGFRA-H8 ASKNCVYRDI	747	338
>PDGFRA-H8 ASKNCVHR	175	>PDGFRA-H8 ASKNCVYR	164	11
>PDGFRA-H8 LASKNCVH	23131	>PDGFRA-H8 LASKNCVY	365	22766

>PDGFRA-H8 LASKNCVHR	203	>PDGFRA-H8 LASKNCVYR	41	162
>PDGFRA-H8 LASKNCVHR	894	>PDGFRA-H8 LASKNCVYR	360	534
>PDGFRA-H8 LASKNCVHR	48	>PDGFRA-H8 LASKNCVYR	14	34
>PDGFRA-H8 LASKNCVH	5139	>PDGFRA-H8 LASKNCVY	89	5050
>PDGFRA-H8 LASKNCVH	5926	>PDGFRA-H8 LASKNCVY	145	5781
>PDGFRA-H8 LASKNCVH	13488	>PDGFRA-H8 LASKNCVY	71	13417
>PDGFRA-H8 LASKNCVH	1544	>PDGFRA-H8 LASKNCVY	47	1497
>PDGFRA-H8 LASKNCVHR	504	>PDGFRA-H8 LASKNCVYR	112	392
>PDGFRA-H8 FLASKNCVHR	3191	>PDGFRA-H8 FLASKNCVYR	486	2705
>PDGFRA-H8 FLASKNCVHR	145	>PDGFRA-H8 FLASKNCVYR	101	44
>PDGFRA-H8 FLASKNCVH	3017	>PDGFRA-H8 FLASKNCVY	214	2803
>PDGFRA-H8 FLASKNCVHR	1043	>PDGFRA-H8 FLASKNCVYR	438	605
>PDGFRA-H8 FLASKNCVHR	256	>PDGFRA-H8 FLASKNCVYR	1046	790
>PDGFRA-H8 FLASKNCVHR	1312	>PDGFRA-H8 FLASKNCVYR	407	905
>PDGFRA-H8 FLASKNCVH	15634	>PDGFRA-H8 FLASKNCVY	191	15443
>PDGFRA-H8 FLASKNCVH	20431	>PDGFRA-H8 FLASKNCVY	294	20137
>PDGFRA-H8 FLASKNCVHR	407	>PDGFRA-H8 FLASKNCVYR	122	285
>PDGFRA-H8 FLASKNCVHR	709	>PDGFRA-H8 FLASKNCVYR	92	617
>PDGFRA-H8 FLASKNCVHR	45	>PDGFRA-H8 FLASKNCVYR	10	35
>PDGFRA-H8 FLASKNCVH	912	>PDGFRA-H8 FLASKNCVY	33	879
>PDGFRA-H8 FLASKNCVH	1957	>PDGFRA-H8 FLASKNCVY	31	1926
>PDGFRA-H8 FLASKNCVH	3181	>PDGFRA-H8 FLASKNCVY	50	3131
>PDGFRA-H8 FLASKNCVHR	155	>PDGFRA-H8 FLASKNCVYR	63	92
>PDGFRA-H8 EFLASKNCVH	12902	>PDGFRA-H8 EFLASKNCVY	481	12421
>PDGFRA-H8 EFLASKNCVH	19544	>PDGFRA-H8 EFLASKNCVY	318	19226
>PDGFRA-H8 EFLASKNCVH	21522	>PDGFRA-H8 EFLASKNCVY	484	21038
>PDGFRA-H8 EFLASKNCVH	143	>PDGFRA-H8 EFLASKNCVY	55	88
>PDGFRA-H8 EFLASKNCVH	25	>PDGFRA-H8 EFLASKNCVY	18	7
>PDGFRA-H8 EFLASKNCVH	70	>PDGFRA-H8 EFLASKNCVY	26	44
>PDGFRA-H8 EFLASKNCVH	11556	>PDGFRA-H8 EFLASKNCVY	466	11090
>PDGFRA-H8 EFLASKNCVH	32	>PDGFRA-H8 EFLASKNCVY	18	14
>PDGFRA-I1C IETGSSSSTFI	8	>PDGFRA-I1C TETGSSSSTFI	7	1
>PDGFRA-I1C IETGSSSSTF	359	>PDGFRA-I1C TETGSSSSTF	281	78
>PDGFRA-I1C IETGSSSSTF	18	>PDGFRA-I1C TETGSSSSTF	112	94
>PDGFRA-I1C IETGSSSSTFI	35	>PDGFRA-I1C TETGSSSSTFI	53	18
>PDGFRA-I1C IETGSSSST	730	>PDGFRA-I1C TETGSSSST	417	313
>PDGFRA-I1C IETGSSSSTF	281	>PDGFRA-I1C TETGSSSSTF	309	28
>PDGFRA-I1C IETGSSSSTFI	485	>PDGFRA-I1C TETGSSSSTFI	278	207
>PDGFRA-I1C IETGSSSSTF	263	>PDGFRA-I1C TETGSSSSTF	141	122
>PDGFRA-I1C IETGSSSST	1682	>PDGFRA-I1C TETGSSSST	294	1388
>PDGFRA-I1C IETGSSSSTFI	29	>PDGFRA-I1C TETGSSSSTFI	89	60
>PDGFRA-I1C AIETGSSSSTF	927	>PDGFRA-I1C ATETGSSSSTF	300	627
>PDGFRA-I1C AIETGSSSSTF	336	>PDGFRA-I1C ATETGSSSSTF	440	104

>PDGFRA-I1C AIETGSSSSTF	326	>PDGFRA-I1C ATETGSSSSTF	1634	1308
>PDGFRA-I1C AIETGSSSSTF	422	>PDGFRA-I1C ATETGSSSSTF	215	207
>PDGFRA-I1C AIETGSSSSTF	83	>PDGFRA-I1C ATETGSSSSTF	3	80
>PDGFRA-I1C AIETGSSSS	8410	>PDGFRA-I1C ATETGSSSS	320	8090
>PDGFRA-I1C AIETGSSSSTF	29	>PDGFRA-I1C ATETGSSSSTF	3	26
>PDGFRA-I1C HSSQTSEESA	120	>PDGFRA-I1C HSSQTSEESA	5597	5477
>PDGFRA-I1C HSSQTSEESA	56	>PDGFRA-I1C HSSQTSEESA	27626	27570
>PDGFRA-I1C EESAIETGS	295	>PDGFRA-I1C EESATETGS	254	41
>PDGFRA-I1C EESAIETGSS	302	>PDGFRA-I1C EESATETGSS	284	18
>PDGFRA-I1C SEESAIET	92	>PDGFRA-I1C SEESATET	202	110
>PDGFRA-I1C SEESAIETGS	356	>PDGFRA-I1C SEESATETGS	834	478
>PDGFRA-I1C QTSEESAI	158	>PDGFRA-I1C QTSEESAT	4448	4290
>PDGFRA-I1C QTSEESAI	463	>PDGFRA-I1C QTSEESAT	6494	6031
>PDGFRA-I1C QTSEESAI	276	>PDGFRA-I1C QTSEESAT	8633	8357
>PDGFRA-I1C QTSEESAI	164	>PDGFRA-I1C QTSEESAT	30578	30414
>PDGFRA-I1C SQTSEESAI	62	>PDGFRA-I1C SQTSEESAT	3160	3098
>PDGFRA-I1C SSQTSEESAI	193	>PDGFRA-I1C SSQTSEESAT	28125	27932
>PDGFRA-K6.KIMTHLGPHL	255	>PDGFRA-K6.EIMTHLGPHL	3198	2943
>PDGFRA-K6.KIMTHLGPHL	184	>PDGFRA-K6.EIMTHLGPHL	1297	1113
>PDGFRA-K6.KIMTHLGPHL	414	>PDGFRA-K6.EIMTHLGPHL	1832	1418
>PDGFRA-K6.KIMTHLGPHL	104	>PDGFRA-K6.EIMTHLGPHL	500	396
>PDGFRA-K6.KIMTHLGPHL	445	>PDGFRA-K6.EIMTHLGPHL	4799	4354
>PDGFRA-K6.KIMTHLGPHL	369	>PDGFRA-K6.EIMTHLGPHL	6789	6420
>PDGFRA-K6.KIMTHLGPH	175	>PDGFRA-K6.EIMTHLGPH	9077	8902
>PDGFRA-K6.KIMTHLGPH	14153	>PDGFRA-K6.EIMTHLGPH	40	14113
>PDGFRA-K6.KIMTHLGPH	541	>PDGFRA-K6.EIMTHLGPH	8	533
>PDGFRA-K6.KIMTHLGPHL	538	>PDGFRA-K6.EIMTHLGPHL	14	524
>PDGFRA-K6.KIMTHLGPHL	238	>PDGFRA-K6.EIMTHLGPHL	15325	15087
>PDGFRA-K6.KIMTHLGPHL	4135	>PDGFRA-K6.EIMTHLGPHL	27	4108
>PDGFRA-K6.LKIMTHLGPH	282	>PDGFRA-K6.LEIMTHLGPH	6164	5882
>PDGFRA-K6.LKIMTHLGPH	17	>PDGFRA-K6.LEIMTHLGPH	609	592
>PDGFRA-K6.LKIMTHLGPH	21832	>PDGFRA-K6.LEIMTHLGPH	178	21654
>PDGFRA-K6.LKIMTHLGPH	12453	>PDGFRA-K6.LEIMTHLGPH	15	12438
>PDGFRA-K6.LKIMTHLGPH	21043	>PDGFRA-K6.LEIMTHLGPH	106	20937
>PDGFRA-K6.LKIMTHLGPH	16334	>PDGFRA-K6.LEIMTHLGPH	67	16267
>PDGFRA-K6.ELKIMTHL	129	>PDGFRA-K6.ELEIMTHL	105	24
>PDGFRA-K6.ELKIMTHL	126	>PDGFRA-K6.ELEIMTHL	4236	4110
>PDGFRA-K6.SELKIMTHL	67	>PDGFRA-K6.SELEIMTHL	43	24
>PDGFRA-K6.SELKIMTHL	2334	>PDGFRA-K6.SELEIMTHL	296	2038
>PDGFRA-K6.SELKIMTH	628	>PDGFRA-K6.SELEIMTH	210	418
>PDGFRA-K6.SELKIMTHL	1002	>PDGFRA-K6.SELEIMTHL	274	728
>PDGFRA-K6.SELKIMTHL	70	>PDGFRA-K6.SELEIMTHL	49	21
>PDGFRA-K6.SELKIMTHL	91	>PDGFRA-K6.SELEIMTHL	57	34

>PDGFRA-K6.SELKIMTHL	425	>PDGFRA-K6.SELEIMTHL	231	194
>PDGFRA-K6.SELKIMTHL	12	>PDGFRA-K6.SELEIMTHL	9	3
>PDGFRA-K6.MSELKIMTHL	40	>PDGFRA-K6.MSELEIMTHL	62	22
>PDGFRA-K6.LMSELKIM	1873	>PDGFRA-K6.LMSELEIM	333	1540
>PDGFRA-K6.LMSELKIMT	1589	>PDGFRA-K6.LMSELEIMT	436	1153
>PDGFRA-K6.LMSELKIMTH	49	>PDGFRA-K6.LMSELEIMTH	26	23
>PDGFRA-K6.LMSELKIM	318	>PDGFRA-K6.LMSELEIM	42	276
>PDGFRA-K6.LMSELKIMT	919	>PDGFRA-K6.LMSELEIMT	376	543
>PDGFRA-K6.LMSELKIMTH	6	>PDGFRA-K6.LMSELEIMTH	4	2
>PDGFRA-K6.LMSELKIM	438	>PDGFRA-K6.LMSELEIM	329	109
>PDGFRA-K6.LMSELKIMTH	20	>PDGFRA-K6.LMSELEIMTH	17	3
>PDGFRA-K6.LMSELKIMTH	51	>PDGFRA-K6.LMSELEIMTH	31	20
>PDGFRA-K6.LMSELKIM	336	>PDGFRA-K6.LMSELEIM	120	216
>PDGFRA-K6.LMSELKIMT	74	>PDGFRA-K6.LMSELEIMT	63	11
>PDGFRA-K6.LMSELKIMTH	14	>PDGFRA-K6.LMSELEIMTH	9	5
>PDGFRA-K6.LMSELKIM	811	>PDGFRA-K6.LMSELEIM	205	606
>PDGFRA-K6.LMSELKIMTH	30	>PDGFRA-K6.LMSELEIMTH	13	17
>PDGFRA-K6.LMSELKIM	1632	>PDGFRA-K6.LMSELEIM	467	1165
>PDGFRA-K6.LMSELKIMT	516	>PDGFRA-K6.LMSELEIMT	211	305
>PDGFRA-K6.LMSELKIMTH	18	>PDGFRA-K6.LMSELEIMTH	12	6
>PDGFRA-K6.LMSELKIM	1736	>PDGFRA-K6.LMSELEIM	263	1473
>PDGFRA-K6.LMSELKIMTH	129	>PDGFRA-K6.LMSELEIMTH	51	78
>PDGFRA-K6.LMSELKIM	203	>PDGFRA-K6.LMSELEIM	81	122
>PDGFRA-K6.LMSELKIMT	80	>PDGFRA-K6.LMSELEIMT	74	6
>PDGFRA-K6.LMSELKIMTH	4	>PDGFRA-K6.LMSELEIMTH	3	1
>PDGFRA-K6.LMSELKIM	364	>PDGFRA-K6.LMSELEIM	217	147
>PDGFRA-K6.LMSELKIMTH	242	>PDGFRA-K6.LMSELEIMTH	290	48
>PDGFRA-K6.LMSELKIM	264	>PDGFRA-K6.LMSELEIM	274	10
>PDGFRA-K6.LMSELKIMTH	485	>PDGFRA-K6.LMSELEIMTH	403	82
>PDGFRA-K6.ALMSELKI	31	>PDGFRA-K6.ALMSELEI	14	17
>PDGFRA-K6.ALMSELKIM	678	>PDGFRA-K6.ALMSELEIM	65	613
>PDGFRA-K6.ALMSELKIMT	170	>PDGFRA-K6.ALMSELEIMT	83	87
>PDGFRA-K6.ALMSELKI	17	>PDGFRA-K6.ALMSELEI	7	10
>PDGFRA-K6.ALMSELKIM	131	>PDGFRA-K6.ALMSELEIM	9	122
>PDGFRA-K6.ALMSELKIMT	81	>PDGFRA-K6.ALMSELEIMT	33	48
>PDGFRA-K6.ALMSELKI	19	>PDGFRA-K6.ALMSELEI	13	6
>PDGFRA-K6.ALMSELKIM	128	>PDGFRA-K6.ALMSELEIM	74	54
>PDGFRA-K6.ALMSELKIMT	181	>PDGFRA-K6.ALMSELEIMT	201	20
>PDGFRA-K6.ALMSELKI	184	>PDGFRA-K6.ALMSELEI	52	132
>PDGFRA-K6.ALMSELKIM	2039	>PDGFRA-K6.ALMSELEIM	128	1911
>PDGFRA-K6.ALMSELKI	22	>PDGFRA-K6.ALMSELEI	9	13
>PDGFRA-K6.ALMSELKIM	1370	>PDGFRA-K6.ALMSELEIM	248	1122
>PDGFRA-K6.ALMSELKIMT	296	>PDGFRA-K6.ALMSELEIMT	161	135



>PDGFRA-K6.ALMSELKI	41	>PDGFRA-K6.ALMSELEI	16	25
>PDGFRA-K6.ALMSELKIM	867	>PDGFRA-K6.ALMSELEIM	110	757
>PDGFRA-K6.ALMSELKI	82	>PDGFRA-K6.ALMSELEI	34	48
>PDGFRA-K6.ALMSELKI	43	>PDGFRA-K6.ALMSELEI	22	21
>PDGFRA-K6.ALMSELKIM	898	>PDGFRA-K6.ALMSELEIM	62	836
>PDGFRA-K6.ALMSELKI	9	>PDGFRA-K6.ALMSELEI	6	3
>PDGFRA-K6.ALMSELKIM	399	>PDGFRA-K6.ALMSELEIM	105	294
>PDGFRA-K6.ALMSELKIMT	135	>PDGFRA-K6.ALMSELEIMT	82	53
>PDGFRA-K6.ALMSELKIM	432	>PDGFRA-K6.ALMSELEIM	135	297
>PDGFRA-K6.ALMSELKI	315	>PDGFRA-K6.ALMSELEI	252	63
>PDGFRA-K6.ALMSELKIM	1363	>PDGFRA-K6.ALMSELEIM	417	946
>PDGFRA-K6.ALMSELKI	1017	>PDGFRA-K6.ALMSELEI	493	524
>PDGFRA-K6.ALMSELKIM	176	>PDGFRA-K6.ALMSELEIM	334	158
>PDGFRA-K6.QALMSELK	106	>PDGFRA-K6.QALMSELE	25566	25460
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>PDGFRA-K6.QALMSELKI	125	>PDGFRA-K6.QALMSELEI	157	32
>PDGFRA-K6.QALMSELKIM	159	>PDGFRA-K6.QALMSELEIM	355	196
>PDGFRA-K6.KQALMSELKI	779	>PDGFRA-K6.KQALMSELEI	350	429
>PDGFRA-K6.KQALMSELKI	1221	>PDGFRA-K6.KQALMSELEI	316	905
>PDGFRA-K6.KQALMSELK	314	>PDGFRA-K6.KQALMSELE	21338	21024
>PDGFRA-K6.KQALMSELK	55	>PDGFRA-K6.KQALMSELE	24724	24669
>PDGFRA-K6.KQALMSELKI	411	>PDGFRA-K6.KQALMSELEI	424	13
>PDGFRA-K6.KQALMSELKI	564	>PDGFRA-K6.KQALMSELEI	280	284
>PDGFRA-K6.KQALMSELKI	430	>PDGFRA-K6.KQALMSELEI	196	234
>PDGFRA-K6.KQALMSELKI	91	>PDGFRA-K6.KQALMSELEI	142	51
>PDGFRA-L5!LPYDSRWEF	60	>PDGFRA-L5!MPYDSRWEF	43	17
>PDGFRA-L5!LPYDSRWEF	446	>PDGFRA-L5!MPYDSRWEF	107	339
>PDGFRA-L5!LPYDSRWEFF	214	>PDGFRA-L5!MPYDSRWEF	51	163
>PDGFRA-L5!LPYDSRWEFF	138	>PDGFRA-L5!MPYDSRWEF	52	86
>PDGFRA-L5!LPYDSRWEFF	170	>PDGFRA-L5!MPYDSRWEF	21	149
>PDGFRA-L5!LPYDSRWEF	37	>PDGFRA-L5!MPYDSRWEF	17	20
>PDGFRA-L5!LPYDSRWEF	48	>PDGFRA-L5!MPYDSRWEF	28	20
>PDGFRA-L5!LPYDSRWEF	243	>PDGFRA-L5!MPYDSRWEF	163	80
>PDGFRA-L5!LPYDSRWEF	11	>PDGFRA-L5!MPYDSRWEF	8	3
>PDGFRA-L5!LPYDSRWEFF	242	>PDGFRA-L5!MPYDSRWEF	48	194
>PDGFRA-L5!LPYDSRWEF	17	>PDGFRA-L5!MPYDSRWEF	11	6
>PDGFRA-L5!LPYDSRWEFF	109	>PDGFRA-L5!MPYDSRWEF	42	67
>PDGFRA-L5!LPYDSRWEF	26	>PDGFRA-L5!MPYDSRWEF	12	14
>PDGFRA-L5!LPYDSRWEF	13	>PDGFRA-L5!MPYDSRWEF	15	2
>PDGFRA-L5!LPYDSRWEF	1297	>PDGFRA-L5!MPYDSRWEF	201	1096
>PDGFRA-L5!LPYDSRWEFF	140	>PDGFRA-L5!MPYDSRWEF	49	91
>PDGFRA-L5!QLPYDSRWEI	464	>PDGFRA-L5!QMPYDSRWI	216	248
>PDGFRA-L5!QLPYDSRWEI	497	>PDGFRA-L5!QMPYDSRWI	197	300

>PDGFRA-L5!QLPYDSRWEI	406	>PDGFRA-L5!QMPYDSRWI	86	320
>PDGFRA-L5!QLPYDSRWEI	752	>PDGFRA-L5!QMPYDSRWI	489	263
>PDGFRA-L5!QLPYDSRWEI	438	>PDGFRA-L5!QMPYDSRWI	49	389
>PDGFRA-L5!HEYIYVDPMC	56	>PDGFRA-L5!HEYIYVDPMC	58	2
>PDGFRA-L5!HEYIYVDPMC	245	>PDGFRA-L5!HEYIYVDPMC	183	62
>PDGFRA-L5!HEYIYVDPMC	172	>PDGFRA-L5!HEYIYVDPMC	1013	841
>PDGFRA-L5!HEYIYVDPMC	28	>PDGFRA-L5!HEYIYVDPMC	123	95
>PDGFRA-L5!HEYIYVDPMC	36	>PDGFRA-L5!HEYIYVDPMC	60	24
>PDGFRA-L5!HEYIYVDPMC	5	>PDGFRA-L5!HEYIYVDPMC	8	3
>PDGFRA-L5!MQLPYDSRV	12	>PDGFRA-L5!MQMPYDSR\	8	4
>PDGFRA-L5!MQLPYDSR	1684	>PDGFRA-L5!MQMPYDSR	238	1446
>PDGFRA-L5!MQLPYDSRV	50	>PDGFRA-L5!MQMPYDSR\	61	11
>PDGFRA-L5!MQLPYDSRV	61	>PDGFRA-L5!MQMPYDSR\	54	7
>PDGFRA-L5!MQLPYDSR	31	>PDGFRA-L5!MQMPYDSR	28	3
>PDGFRA-L5!MQLPYDSR	792	>PDGFRA-L5!MQMPYDSR	113	679
>PDGFRA-L5!MQLPYDSRV	827	>PDGFRA-L5!MQMPYDSR\	115	712
>PDGFRA-L5!MQLPYDSRV	81	>PDGFRA-L5!MQMPYDSR\	37	44
>PDGFRA-L5!MQLPYDSRV	652	>PDGFRA-L5!MQMPYDSR\	368	284
>PDGFRA-L5!MQLPYDSR	141	>PDGFRA-L5!MQMPYDSR	72	69
>PDGFRA-L5!MQLPYDSRV	159	>PDGFRA-L5!MQMPYDSR\	99	60
>PDGFRA-L5!MQLPYDSRV	4	>PDGFRA-L5!MQMPYDSR\	3	1
>PDGFRA-L5!MQLPYDSRV	21	>PDGFRA-L5!MQMPYDSR\	20	1
>PDGFRA-L5!MQLPYDSRV	261	>PDGFRA-L5!MQMPYDSR\	206	55
>PDGFRA-L5!MQLPYDSRV	215	>PDGFRA-L5!MQMPYDSR\	234	19
>PDGFRA-L5!MQLPYDSRV	157	>PDGFRA-L5!MQMPYDSR\	102	55
>PDGFRA-L5!MQLPYDSRV	729	>PDGFRA-L5!MQMPYDSR\	187	542
>PDGFRA-L5!MQLPYDSRV	424	>PDGFRA-L5!MQMPYDSR\	307	117
>PDGFRA-L5!MQLPYDSRV	323	>PDGFRA-L5!MQMPYDSR\	219	104
>PDGFRA-L5!MQLPYDSRV	47	>PDGFRA-L5!MQMPYDSR\	24	23
>PDGFRA-L5!MQLPYDSRV	1123	>PDGFRA-L5!MQMPYDSR\	385	738
>PDGFRA-L5!MQLPYDSRV	133	>PDGFRA-L5!MQMPYDSR\	220	87
>PDGFRA-L5!MQLPYDSRV	8	>PDGFRA-L5!MQMPYDSR\	10	2
>PDGFRA-L5!MQLPYDSRV	134	>PDGFRA-L5!MQMPYDSR\	341	207
>PDGFRA-L5!MQLPYDSR	297	>PDGFRA-L5!MQMPYDSR	380	83
>PDGFRA-L5!DPMQLPYDS	558	>PDGFRA-L5!DPMQMPYD!	472	86
>PDGFRA-L5!DPMQLPYDS	36	>PDGFRA-L5!DPMQMPYD!	26	10
>PDGFRA-L5!DPMQLPYDS	26	>PDGFRA-L5!DPMQMPYD!	20	6
>PDGFRA-L5!YVDPMQLPY	8	>PDGFRA-L5!YVDPMQMP'	10	2
>PDGFRA-L5!YVDPMQLPY	478	>PDGFRA-L5!YVDPMQMP'	368	110
>PDGFRA-L5!YVDPMQLPY	318	>PDGFRA-L5!YVDPMQMP'	225	93
>PDGFRA-L5!YVDPMQLPY	12	>PDGFRA-L5!YVDPMQMP'	24	12
>PDGFRA-L5!YVDPMQLPY	5	>PDGFRA-L5!YVDPMQMP'	9	4
>PDGFRA-L5!YVDPMQLPY	198	>PDGFRA-L5!YVDPMQMP'	277	79

>PDGFRA-L5:YVDPMQLPY	20	>PDGFRA-L5:YVDPMQMP'	44	24
>PDGFRA-L5:YVDPMQLPY	16	>PDGFRA-L5:YVDPMQMP'	21	5
>PDGFRA-L5:YVDPMQLPY	78	>PDGFRA-L5:YVDPMQMP'	53	25
>PDGFRA-L5:YVDPMQLPY	141	>PDGFRA-L5:YVDPMQMP'	211	70
>PDGFRA-L5:IYVDPMQL	169	>PDGFRA-L5:IYVDPMQM	1249	1080
>PDGFRA-L5:IYVDPMQL	38	>PDGFRA-L5:IYVDPMQM	481	443
>PDGFRA-L5:IYVDPMQLPY	198	>PDGFRA-L5:IYVDPMQMP	158	40
>PDGFRA-L5:IYVDPMQLPY	26	>PDGFRA-L5:IYVDPMQMP	36	10
>PDGFRA-L5:IYVDPMQLPY	143	>PDGFRA-L5:IYVDPMQMP	92	51
>PDGFRA-L5:IYVDPMQLPY	84	>PDGFRA-L5:IYVDPMQMP	235	151
>PDGFRA-L5:YIYVDPMQL	68	>PDGFRA-L5:YIYVDPMQM	458	390
>PDGFRA-L5:YIYVDPMQL	116	>PDGFRA-L5:YIYVDPMQM	1354	1238
>PDGFRA-L5:YIYVDPMQL	20	>PDGFRA-L5:YIYVDPMQM	183	163
>PDGFRA-L5:YIYVDPMQL	261	>PDGFRA-L5:YIYVDPMQM	1492	1231
>PDGFRA-L5:YIYVDPMQL	10	>PDGFRA-L5:YIYVDPMQM	58	48
>PDGFRA-L5:YIYVDPMQL	144	>PDGFRA-L5:YIYVDPMQM	1973	1829
>PDGFRA-L5:YIYVDPMQL	22	>PDGFRA-L5:YIYVDPMQM	335	313
>PDGFRA-L5:YIYVDPMQL	72	>PDGFRA-L5:YIYVDPMQM	513	441
>PDGFRA-L5:YIYVDPMQL	8	>PDGFRA-L5:YIYVDPMQM	121	113
>PDGFRA-L5:YIYVDPMQLF	257	>PDGFRA-L5:YIYVDPMQM	233	24
>PDGFRA-L5:YIYVDPMQLF	253	>PDGFRA-L5:YIYVDPMQM	208	45
>PDGFRA-L5:YIYVDPMQLF	227	>PDGFRA-L5:YIYVDPMQM	208	19
>PDGFRA-L5:YIYVDPMQLF	6	>PDGFRA-L5:YIYVDPMQM	8	2
>PDGFRA-L5:YIYVDPMQLF	922	>PDGFRA-L5:YIYVDPMQM	441	481
>PDGFRA-L5:YIYVDPMQL	133	>PDGFRA-L5:YIYVDPMQM	173	40
>PDGFRA-L5:YIYVDPMQLF	12	>PDGFRA-L5:YIYVDPMQM	23	11
>PDGFRA-L5:YIYVDPMQLF	58	>PDGFRA-L5:YIYVDPMQM	63	5
>PDGFRA-L5:YIYVDPMQLF	53	>PDGFRA-L5:YIYVDPMQM	54	1
>PDGFRA-L5:YIYVDPMQL	444	>PDGFRA-L5:YIYVDPMQM	179	265
>PDGFRA-L5:YIYVDPMQLF	32	>PDGFRA-L5:YIYVDPMQM	21	11
>PDGFRA-L5:YIYVDPMQL	515	>PDGFRA-L5:YIYVDPMQM	289	226
>PDGFRA-L5:YIYVDPMQLF	27	>PDGFRA-L5:YIYVDPMQM	47	20
>PDGFRA-L5:YIYVDPMQLF	40	>PDGFRA-L5:YIYVDPMQM	52	12
>PDGFRA-L5:YIYVDPMQLF	464	>PDGFRA-L5:YIYVDPMQM	618	154
>PDGFRA-L5:YIYVDPMQLF	406	>PDGFRA-L5:YIYVDPMQM	327	79
>PDGFRA-L5:YIYVDPMQLF	449	>PDGFRA-L5:YIYVDPMQM	595	146
>PDGFRA-L5:EYIYVDPMQL	40	>PDGFRA-L5:EYIYVDPMQI'	533	493
>PDGFRA-L5:EYIYVDPMQL	494	>PDGFRA-L5:EYIYVDPMQI'	61	433
>PDGFRA-M:MTDYLIV	214	>PDGFRA-M:KTDYLIV	1629	1415
>PDGFRA-M:MTDYLIV	84	>PDGFRA-M:KTDYLIV	172	88
>PDGFRA-M:MTDYLIV	212	>PDGFRA-M:KTDYLIV	921	709
>PDGFRA-M:MTDYLIV	48	>PDGFRA-M:KTDYLIV	90	42
>PDGFRA-M:MTDYLIV	101	>PDGFRA-M:KTDYLIV	212	111

>PDGFRA-M1MTDYLVIV	397	>PDGFRA-M1KTDYLVIV	319	78
>PDGFRA-M1MTDYLVIV	260	>PDGFRA-M1KTDYLVIV	194	66
>PDGFRA-M1MTDYLVIV	1221	>PDGFRA-M1KTDYLVIV	172	1049
>PDGFRA-M1MTDYLVIV	31	>PDGFRA-M1KTDYLVIV	3839	3808
>PDGFRA-M1MTDYLVIV	28	>PDGFRA-M1KTDYLVIV	1236	1208
>PDGFRA-M1GMTDYLVI	57	>PDGFRA-M1GKTDYLVIV	20738	20681
>PDGFRA-M1GMTDYLVIV	9	>PDGFRA-M1GKTDYLVIV	12277	12268
>PDGFRA-M1GMTDYLVI	59	>PDGFRA-M1GKTDYLVIV	17033	16974
>PDGFRA-M1GMTDYLVIV	5	>PDGFRA-M1GKTDYLVIV	4660	4655
>PDGFRA-M1GMTDYLVI	28	>PDGFRA-M1GKTDYLVIV	15434	15406
>PDGFRA-M1GMTDYLVIV	4	>PDGFRA-M1GKTDYLVIV	5386	5382
>PDGFRA-M1GMTDYLVI	88	>PDGFRA-M1GKTDYLVIV	8954	8866
>PDGFRA-M1GMTDYLVIV	6	>PDGFRA-M1GKTDYLVIV	1216	1210
>PDGFRA-M1GMTDYLVI	14	>PDGFRA-M1GKTDYLVIV	12043	12029
>PDGFRA-M1GMTDYLVIV	3	>PDGFRA-M1GKTDYLVIV	2688	2685
>PDGFRA-M1GMTDYLVI	11	>PDGFRA-M1GKTDYLVIV	16791	16780
>PDGFRA-M1GMTDYLVIV	2	>PDGFRA-M1GKTDYLVIV	5261	5259
>PDGFRA-M1GMTDYLVI	23	>PDGFRA-M1GKTDYLVIV	17907	17884
>PDGFRA-M1GMTDYLVIV	5	>PDGFRA-M1GKTDYLVIV	4967	4962
>PDGFRA-M1GMTDYLVIV	7	>PDGFRA-M1GKTDYLVIV	17362	17355
>PDGFRA-M1GMTDYLVI	9	>PDGFRA-M1GKTDYLVIV	19408	19399
>PDGFRA-M1GMTDYLVIV	2	>PDGFRA-M1GKTDYLVIV	870	868
>PDGFRA-M1DPDVAFVPLC	139	>PDGFRA-M1DPDVAFVPLC	11071	10932
>PDGFRA-M1LGMTDYLV	434	>PDGFRA-M1LGKTDYLV	8135	7701
>PDGFRA-M1LGMTDYLVI	195	>PDGFRA-M1LGKTDYLVIV	1126	931
>PDGFRA-M1PLGMTDYLV	603	>PDGFRA-M1PLGKTDYLV	478	125
>PDGFRA-M1PLGMTDYLV	249	>PDGFRA-M1PLGKTDYLV	312	63
>PDGFRA-M1PLGMTDYLV	65	>PDGFRA-M1PLGKTDYLV	100	35
>PDGFRA-M1PLGMTDYLVIV	84	>PDGFRA-M1PLGKTDYLVIV	115	31
>PDGFRA-M1PLGMTDYLV	210	>PDGFRA-M1PLGKTDYLV	199	11
>PDGFRA-M1PLGMTDYLVIV	182	>PDGFRA-M1PLGKTDYLVIV	176	6
>PDGFRA-M1PLGMTDYLV	263	>PDGFRA-M1PLGKTDYLV	266	3
>PDGFRA-M1PLGMTDYLV	39	>PDGFRA-M1PLGKTDYLV	36	3
>PDGFRA-M1PLGMTDYLVIV	44	>PDGFRA-M1PLGKTDYLVIV	42	2
>PDGFRA-M1PLGMTDYLV	248	>PDGFRA-M1PLGKTDYLV	417	169
>PDGFRA-M1PLGMTDYLV	113	>PDGFRA-M1PLGKTDYLV	164	51
>PDGFRA-M1PLGMTDYLVIV	111	>PDGFRA-M1PLGKTDYLVIV	150	39
>PDGFRA-M1PLGMTDYLV	131	>PDGFRA-M1PLGKTDYLV	250	119
>PDGFRA-M1PLGMTDYLV	19	>PDGFRA-M1PLGKTDYLV	27	8
>PDGFRA-M1PLGMTDYLVIV	15	>PDGFRA-M1PLGKTDYLVIV	20	5
>PDGFRA-M1VPLGMTDYLV	11	>PDGFRA-M1VPLGKTDYLV	24	13
>PDGFRA-M1VPLGMTDYLV	248	>PDGFRA-M1VPLGKTDYLV	420	172
>PDGFRA-M1VPLGMTDYLV	140	>PDGFRA-M1VPLGKTDYLV	333	193

>PDGFRA-M:VPLGMTDYL	97	>PDGFRA-M:VPLGKTDYL	115	18
>PDGFRA-M:VPLGMTDYL	321	>PDGFRA-M:VPLGKTDYLV	310	11
>PDGFRA-M:VPLGMTDY	26	>PDGFRA-M:VPLGKTDY	85	59
>PDGFRA-M:VPLGMTDYL	303	>PDGFRA-M:VPLGKTDYLV	317	14
>PDGFRA-M:VPLGMTDY	159	>PDGFRA-M:VPLGKTDY	400	241
>PDGFRA-M:VPLGMTDYL	324	>PDGFRA-M:VPLGKTDYL	1709	1385
>PDGFRA-M:VPLGMTDYL	84	>PDGFRA-M:VPLGKTDYLV	312	228
>PDGFRA-M:VPLGMTDYL	61	>PDGFRA-M:VPLGKTDYLV	77	16
>PDGFRA-M:VPLGMTDY	235	>PDGFRA-M:VPLGKTDY	807	572
>PDGFRA-M:VPLGMTDYL	250	>PDGFRA-M:VPLGKTDYL	793	543
>PDGFRA-M:VPLGMTDYL	273	>PDGFRA-M:VPLGKTDYLV	548	275
>PDGFRA-M:FVPLGMTDYI	99	>PDGFRA-M:FVPLGKTDYL'	296	197
>PDGFRA-M:FVPLGMTDYI	38	>PDGFRA-M:FVPLGKTDYL	78	40
>PDGFRA-M:FVPLGMTDYI	48	>PDGFRA-M:FVPLGKTDYL'	144	96
>PDGFRA-M:FVPLGMTDYI	228	>PDGFRA-M:FVPLGKTDYL	422	194
>PDGFRA-M:FVPLGMTDYI	43	>PDGFRA-M:FVPLGKTDYL'	170	127
>PDGFRA-M:FVPLGMTDYI	79	>PDGFRA-M:FVPLGKTDYL	134	55
>PDGFRA-M:FVPLGMTDYI	10	>PDGFRA-M:FVPLGKTDYL'	24	14
>PDGFRA-M:FVPLGMTDYI	153	>PDGFRA-M:FVPLGKTDYL'	228	75
>PDGFRA-M:FVPLGMTDYI	299	>PDGFRA-M:FVPLGKTDYL'	498	199
>PDGFRA-M:FVPLGMTDYI	74	>PDGFRA-M:FVPLGKTDYL'	117	43
>PDGFRA-M:FVPLGMTDYI	147	>PDGFRA-M:FVPLGKTDYL	220	73
>PDGFRA-M:FVPLGMTDYI	11	>PDGFRA-M:FVPLGKTDYL'	14	3
>PDGFRA-M:FVPLGMTDY	22	>PDGFRA-M:FVPLGKTDY	426	404
>PDGFRA-M:FVPLGMTDY	427	>PDGFRA-M:FVPLGKTDY	4134	3707
>PDGFRA-M:FVPLGMTDY	33	>PDGFRA-M:FVPLGKTDY	5536	5503
>PDGFRA-M:FVPLGMTDY	32	>PDGFRA-M:FVPLGKTDY	140	108
>PDGFRA-M:FVPLGMTDYI	287	>PDGFRA-M:FVPLGKTDYL	263	24
>PDGFRA-M:FVPLGMTDYI	13	>PDGFRA-M:FVPLGKTDYL'	25	12
>PDGFRA-M:FVPLGMTDYI	24	>PDGFRA-M:FVPLGKTDYL	196	172
>PDGFRA-M:FVPLGMTDYI	114	>PDGFRA-M:FVPLGKTDYL'	555	441
>PDGFRA-M:AFVPLGMTD'	182	>PDGFRA-M:AFVPLGKTDY	338	156
>PDGFRA-M:AFVPLGMTD'	42	>PDGFRA-M:AFVPLGKTDY	101	59
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>PDGFRA-M:AFVPLGMTD'	424	>PDGFRA-M:AFVPLGKTDY	4193	3769
>PDGFRA-M:AFVPLGMTD'	100	>PDGFRA-M:AFVPLGKTDY	141	41
>PDGFRA-M:VAFVPLGM	496	>PDGFRA-M:VAFVPLGK	17018	16522
>PDGFRA-M:VAFVPLGM	18610	>PDGFRA-M:VAFVPLGK	144	18466
>PDGFRA-M:VAFVPLGM	19823	>PDGFRA-M:VAFVPLGK	29	19794
>PDGFRA-M:VAFVPLGMTI	160	>PDGFRA-M:VAFVPLGKTD	383	223
>PDGFRA-M:VAFVPLGMTI	122	>PDGFRA-M:VAFVPLGKTD	164	42
>PDGFRA-M:VAFVPLGM	26240	>PDGFRA-M:VAFVPLGK	318	25922
>PDGFRA-M:VAFVPLGMTI	186	>PDGFRA-M:VAFVPLGKTD	266	80

>PDGFRA-M1 VAFVPLGM	23	>PDGFRA-M1 VAFVPLGK	11643	11620
>PDGFRA-M1 VAFVPLGMTI	13	>PDGFRA-M1 VAFVPLGKTD	28	15
>PDGFRA-M1 VAFVPLGMTI	72	>PDGFRA-M1 VAFVPLGKTD	120	48
>PDGFRA-M1 DVAFVPLGM	27135	>PDGFRA-M1 DVAFVPLGK	288	26847
>PDGFRA-M1 DVAFVPLGM	385	>PDGFRA-M1 DVAFVPLGK	23428	23043
>PDGFRA-M1 DVAFVPLGM	4539	>PDGFRA-M1 DVAFVPLGK	8	4531
>PDGFRA-M1 DVAFVPLGM	127	>PDGFRA-M1 DVAFVPLGK	11580	11453
>PDGFRA-M1 DVAFVPLGM	118	>PDGFRA-M1 DVAFVPLGK	9315	9197
>PDGFRA-N6 NLLGACTK	2104	>PDGFRA-N6 KLLGACTK	315	1789
>PDGFRA-N6 NLLGACTK	850	>PDGFRA-N6 KLLGACTK	49	801
>PDGFRA-N6 NLLGACTK	3183	>PDGFRA-N6 KLLGACTK	226	2957
>PDGFRA-N6 NLLGACTK	6929	>PDGFRA-N6 KLLGACTK	42	6887
>PDGFRA-N6 NLLGACTK	5628	>PDGFRA-N6 KLLGACTK	406	5222
>PDGFRA-N6 IVNLLGACTK	73	>PDGFRA-N6 IVKLLGACTK	129	56
>PDGFRA-N6 IVNLLGACTK	69	>PDGFRA-N6 IVKLLGACTK	269	200
>PDGFRA-N6 IVNLLGACTK	240	>PDGFRA-N6 IVKLLGACTK	13	227
>PDGFRA-N6 IVNLLGACTK	414	>PDGFRA-N6 IVKLLGACTK	586	172
>PDGFRA-N6 NIVNLLGA	188	>PDGFRA-N6 NIVKLLGA	359	171
>PDGFRA-N6 NIVNLLGA	135	>PDGFRA-N6 NIVKLLGA	302	167
>PDGFRA-N6 NIVNLLGACT	107	>PDGFRA-N6 NIVKLLGACTI	145	38
>PDGFRA-N6 HLNIVNLL	10	>PDGFRA-N6 HLNIVKLL	78	68
>PDGFRA-N6 HLNIVNLLGA	394	>PDGFRA-N6 HLNIVKLLGA	836	442
>PDGFRA-N6 HLNIVNLL	62	>PDGFRA-N6 HLNIVKLL	203	141
>PDGFRA-N6 HLNIVNLLGA	184	>PDGFRA-N6 HLNIVKLLGA	264	80
>PDGFRA-N6 HLNIVNLL	68	>PDGFRA-N6 HLNIVKLL	112	44
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>PDGFRA-N6 HLNIVNLL	321	>PDGFRA-N6 HLNIVKLL	1758	1437
>PDGFRA-N6 HLNIVNLL	134	>PDGFRA-N6 HLNIVKLL	359	225
>PDGFRA-N6 HLNIVNLLGA	304	>PDGFRA-N6 HLNIVKLLGA	437	133
>PDGFRA-N6 HLNIVNLL	24	>PDGFRA-N6 HLNIVKLL	41	17
>PDGFRA-N6 HLNIVNLLGA	71	>PDGFRA-N6 HLNIVKLLGA	102	31
>PDGFRA-N6 GPHLNIVNL	41	>PDGFRA-N6 GPHLNIVKL	295	254
>PDGFRA-N6 LGPHLNIVNL	113	>PDGFRA-N6 LGPHLNIVKL	178	65
>PDGFRA-N6 LGPHLNIVNL	175	>PDGFRA-N6 LGPHLNIVKLI	123	52
>PDGFRA-N6 LGPHLNIVNL	135	>PDGFRA-N6 LGPHLNIVKL	136	1
>PDGFRA-N6 LGPHLNIVNL	15	>PDGFRA-N6 LGPHLNIVKLI	33	18
>PDGFRA-N6 HLGPHLNIVN	408	>PDGFRA-N6 HLGPHLNIVK	673	265
>PDGFRA-N6 HLGPHLNIVN	18	>PDGFRA-N6 HLGPHLNIVK	29	11
>PDGFRA-N6 HLGPHLNIVN	94	>PDGFRA-N6 HLGPHLNIVK	167	73
>PDGFRA-N6 HLGPHLNIVN	65	>PDGFRA-N6 HLGPHLNIVK	62	3
>PDGFRA-N6 HLGPHLNIVN	19	>PDGFRA-N6 HLGPHLNIVK	27	8
>PDGFRA-N6 HLGPHLNIVN	150	>PDGFRA-N6 HLGPHLNIVK	195	45
>PDGFRA-N6 HLGPHLNIVN	241	>PDGFRA-N6 HLGPHLNIVK	374	133

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>PDGFRA-N6 HLGPHLNIVN	35260	>PDGFRA-N6 HLGPHLNIVK	481	34779
>PDGFRA-N6 HLGPHLNIVN	16133	>PDGFRA-N6 HLGPHLNIVK	447	15686
>PDGFRA-N6 NLLGACTK	5131	>PDGFRA-N6 YLLGACTK	117	5014
>PDGFRA-N6 NLLGACTKS	9974	>PDGFRA-N6 YLLGACTKS	363	9611
>PDGFRA-N6 NLLGACTK	8937	>PDGFRA-N6 YLLGACTK	307	8630
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>PDGFRA-N6 NLLGACTK	2104	>PDGFRA-N6 YLLGACTK	11	2093
>PDGFRA-N6 NLLGACTKS	7182	>PDGFRA-N6 YLLGACTKS	24	7158
>PDGFRA-N6 NLLGACTKSG	17630	>PDGFRA-N6 YLLGACTKSG	252	17378
>PDGFRA-N6 NLLGACTKSG	15570	>PDGFRA-N6 YLLGACTKSG	306	15264
>PDGFRA-N6 NLLGACTK	850	>PDGFRA-N6 YLLGACTK	277	573
>PDGFRA-N6 VNLLGACTK	6720	>PDGFRA-N6 VYLLGACTK	393	6327
>PDGFRA-N6 THLGPHLNIV	21641	>PDGFRA-N6 THLGPHLNIV	205	21436
>PDGFRA-N6 IVNLLGAC	12299	>PDGFRA-N6 IVYLLGAC	237	12062
>PDGFRA-N6 IVNLLGACTK	73	>PDGFRA-N6 IVYLLGACTK	21	52
>PDGFRA-N6 IVNLLGACTK	69	>PDGFRA-N6 IVYLLGACTK	35	34
>PDGFRA-N6 IVNLLGACTK	240	>PDGFRA-N6 IVYLLGACTK	195	45
>PDGFRA-N6 IVNLLGACTK	955	>PDGFRA-N6 IVYLLGACTK	406	549
>PDGFRA-N6 IVNLLGACTK	414	>PDGFRA-N6 IVYLLGACTK	72	342
>PDGFRA-N6 NIVNLLGA	188	>PDGFRA-N6 NIVYLLGA	225	37
>PDGFRA-N6 NIVNLLGA	135	>PDGFRA-N6 NIVYLLGA	226	91
>PDGFRA-N6 NIVNLLGACT	107	>PDGFRA-N6 NIVYLLGACTI	61	46
>PDGFRA-N6 NIVNLLGA	895	>PDGFRA-N6 NIVYLLGA	302	593
>PDGFRA-N6 HLNIVNLL	568	>PDGFRA-N6 HLNIVYLL	138	430
>PDGFRA-N6 HLNIVNLLGA	845	>PDGFRA-N6 HLNIVYLLGA	497	348
>PDGFRA-N6 HLNIVNLL	10	>PDGFRA-N6 HLNIVYLL	9	1
>PDGFRA-N6 HLNIVNLLGA	394	>PDGFRA-N6 HLNIVYLLGA	206	188
>PDGFRA-N6 HLNIVNLL	62	>PDGFRA-N6 HLNIVYLL	52	10
>PDGFRA-N6 HLNIVNLLGA	184	>PDGFRA-N6 HLNIVYLLGA	155	29
>PDGFRA-N6 HLNIVNLL	68	>PDGFRA-N6 HLNIVYLL	16	52
>PDGFRA-N6 HLNIVNLLGA	123	>PDGFRA-N6 HLNIVYLLGA	65	58
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>PDGFRA-N6 HLNIVNLL	134	>PDGFRA-N6 HLNIVYLL	47	87
>PDGFRA-N6 HLNIVNLLGA	304	>PDGFRA-N6 HLNIVYLLGA	201	103
>PDGFRA-N6 HLNIVNLL	1542	>PDGFRA-N6 HLNIVYLL	363	1179
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>PDGFRA-N6 HLNIVNLLGA	71	>PDGFRA-N6 HLNIVYLLGA	47	24
>PDGFRA-N6 HLNIVNLL	982	>PDGFRA-N6 HLNIVYLL	427	555
>PDGFRA-N6 GPHLNIVNL	41	>PDGFRA-N6 GPHLNIVYL	12	29
>PDGFRA-N6 GPHLNIVNLL	1058	>PDGFRA-N6 GPHLNIVYLL	361	697
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>PDGFRA-N6 GPHLNIVN	33613	>PDGFRA-N6 GPHLNIVY	481	33132
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>PDGFRA-N6 LGPHLNIVNL	113	>PDGFRA-N6 LGPHLNIVYL	90	23
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>PDGFRA-N6 LGPHLNIVNL	135	>PDGFRA-N6 LGPHLNIVYL	25	110
>PDGFRA-N6 LGPHLNIVNL	15	>PDGFRA-N6 LGPHLNIVYLL	11	4
>PDGFRA-N6 HLGPHLNIVN	408	>PDGFRA-N6 HLGPHLNIVY	86	322
>PDGFRA-N6 HLGPHLNIVN	18	>PDGFRA-N6 HLGPHLNIVY	9	9
>PDGFRA-N6 HLGPHLNIVN	94	>PDGFRA-N6 HLGPHLNIVY	66	28
>PDGFRA-N6 HLGPHLNIVN	961	>PDGFRA-N6 HLGPHLNIVY	167	794
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>PDGFRA-N6 HLGPHLNIVN	19	>PDGFRA-N6 HLGPHLNIVY	8	11
>PDGFRA-N6 HLGPHLNIVN	150	>PDGFRA-N6 HLGPHLNIVY	45	105
>PDGFRA-N6 HLGPHLNIVN	241	>PDGFRA-N6 HLGPHLNIVY	37	204
>PDGFRA-N6 HLGPHLNIVN	6	>PDGFRA-N6 HLGPHLNIVY	5	1
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>PDGFRA-N6 HLGPHLNIVN	14723	>PDGFRA-N6 HLGPHLNIVY	84	14639
>PDGFRA-N6 HLGPHLNIVN	24804	>PDGFRA-N6 HLGPHLNIVY	254	24550
>PDGFRA-N8 NYVSKGSTF	354	>PDGFRA-N8 KYVSKGSTF	88	266
>PDGFRA-N8 NYVSKGSTFL	20	>PDGFRA-N8 KYVSKGSTFL	8	12
>PDGFRA-N8 NYVSKGSTF	72	>PDGFRA-N8 KYVSKGSTF	37	35
>PDGFRA-N8 NYVSKGSTFL	403	>PDGFRA-N8 KYVSKGSTFL	580	177
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>PDGFRA-N8 NYVSKGSTF	17	>PDGFRA-N8 KYVSKGSTF	9	8
>PDGFRA-N8 NYVSKGSTFL	71	>PDGFRA-N8 KYVSKGSTFL	31	40
>PDGFRA-N8 NYVSKGSTF	564	>PDGFRA-N8 KYVSKGSTF	66	498
>PDGFRA-N8 NYVSKGSTF	330	>PDGFRA-N8 KYVSKGSTF	42	288
>PDGFRA-N8 NYVSKGST	3141	>PDGFRA-N8 KYVSKGST	364	2777
>PDGFRA-N8 NYVSKGSTF	3546	>PDGFRA-N8 KYVSKGSTF	467	3079
>PDGFRA-N8 NYVSKGSTFL	374	>PDGFRA-N8 KYVSKGSTFL	203	171
>PDGFRA-N8 SNYVSKGSTF	275	>PDGFRA-N8 SKYVSKGSTFI	2150	1875
>PDGFRA-N8 SNYVSKGSTF	488	>PDGFRA-N8 SKYVSKGSTFI	305	183
>PDGFRA-N8 SNYVSKGSTF	431	>PDGFRA-N8 SKYVSKGSTF	2232	1801
>PDGFRA-N8 SNYVSKGSTF	144	>PDGFRA-N8 SKYVSKGSTF	300	156
>PDGFRA-N8 SNYVSKGSTF	40	>PDGFRA-N8 SKYVSKGSTF	3	37
>PDGFRA-N8 SNYVSKGSTF	1780	>PDGFRA-N8 SKYVSKGSTFI	22	1758
>PDGFRA-N8 GLARDIMHD:	20110	>PDGFRA-N8 GLARDIMHD:	328	19782
>PDGFRA-N8 GLARDIMHD:	25859	>PDGFRA-N8 GLARDIMHD:	184	25675
>PDGFRA-N8 DSNYVSKGST	465	>PDGFRA-N8 DSKYVSKGST	360	105
>PDGFRA-N8 DSNYVSKGST	193	>PDGFRA-N8 DSKYVSKGST	182	11
>PDGFRA-N8 DSNYVSKGST	92	>PDGFRA-N8 DSKYVSKGST	57	35
>PDGFRA-N8 IMHDSNYV	14	>PDGFRA-N8 IMHDSKYV	41	27
>PDGFRA-N8 IMHDSNYV	3	>PDGFRA-N8 IMHDSKYV	16	13



>PDGFRA-N8 IMHDSNYV	3	>PDGFRA-N8 IMHDSKYV	6	3
>PDGFRA-N8 IMHDSNYV	15	>PDGFRA-N8 IMHDSKYV	80	65
>PDGFRA-N8 IMHDSNYV	2	>PDGFRA-N8 IMHDSKYV	2	0
>PDGFRA-N8 IMHDSNYVS	324	>PDGFRA-N8 IMHDSKYVS	518	194
>PDGFRA-N8 IMHDSNYV	3	>PDGFRA-N8 IMHDSKYV	5	2
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>PDGFRA-N8 IMHDSNYV	3	>PDGFRA-N8 IMHDSKYV	6	3
>PDGFRA-N8 IMHDSNYV	2	>PDGFRA-N8 IMHDSKYV	2	0
>PDGFRA-N8 IMHDSNYVSK	399	>PDGFRA-N8 IMHDSKYVSK	544	145
>PDGFRA-N8 IMHDSNYVSK	35	>PDGFRA-N8 IMHDSKYVSK	33	2
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>PDGFRA-N8 IMHDSNYVSK	15	>PDGFRA-N8 IMHDSKYVSK	24	9
>PDGFRA-N8 IMHDSNYV	93	>PDGFRA-N8 IMHDSKYV	140	47
>PDGFRA-N8 IMHDSNYVSK	89	>PDGFRA-N8 IMHDSKYVSK	199	110
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>PDGFRA-N8 DIMHDSNYV	22	>PDGFRA-N8 DIMHDSKYV	85	63
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>PDGFRA-N8 DIMHDSNY	468	>PDGFRA-N8 DIMHDSKY	560	92
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>PDGFRA-N8 DIMHDSNYV	15	>PDGFRA-N8 DIMHDSKYV	81	66
>PDGFRA-N8 DIMHDSNYV	12	>PDGFRA-N8 DIMHDSKYV	55	43
>PDGFRA-N8 DIMHDSNY	486	>PDGFRA-N8 DIMHDSKY	475	11
>PDGFRA-N8 RDIMHDSNY	173	>PDGFRA-N8 RDIMHDSKY	259	86
>PDGFRA-N8 ARDIMHDSN	330	>PDGFRA-N8 ARDIMHDSK	301	29
>PDGFRA-N8 ARDIMHDSN	230	>PDGFRA-N8 ARDIMHDSK	163	67
>PDGFRA-N8 LARDIMHDS	292	>PDGFRA-N8 LARDIMHDS	275	17
>PDGFRA-N8 LARDIMHDS	6060	>PDGFRA-N8 LARDIMHDS	15	6045
>PDGFRA-N8 LARDIMHDS	146	>PDGFRA-N8 LARDIMHDS	111	35
>PDGFRA-N8 LARDIMHDS	202	>PDGFRA-N8 LARDIMHDS	368	166
>PDGFRA-N8 LARDIMHDS	258	>PDGFRA-N8 LARDIMHDS	604	346
>PDGFRA-N8 LARDIMHDS	6	>PDGFRA-N8 LARDIMHDS	6	0
>PDGFRA-N8 LARDIMHDS	104	>PDGFRA-N8 LARDIMHDS	93	11
>PDGFRA-N8 LARDIMHDS	53	>PDGFRA-N8 LARDIMHDS	31	22
>PDGFRA-N8 NLYTTLSDV	134	>PDGFRA-N8 SLYTTLSDV	26	108
>PDGFRA-N8 NLYTTLSDV	80	>PDGFRA-N8 SLYTTLSDV	38	42
>PDGFRA-N8 NLYTTLSDV	4	>PDGFRA-N8 SLYTTLSDV	3	1
>PDGFRA-N8 NLYTTLSDV	128	>PDGFRA-N8 SLYTTLSDV	58	70
>PDGFRA-N8 NLYTTLSDV	7	>PDGFRA-N8 SLYTTLSDV	2	5
>PDGFRA-N8 NLYTTLSDV	7	>PDGFRA-N8 SLYTTLSDV	5	2
>PDGFRA-N8 NLYTTLSDV	12	>PDGFRA-N8 SLYTTLSDV	5	7

>PDGFRA-N8 NLYTTLSDV	37	>PDGFRA-N8 SLYTTLSDV	46	9
>PDGFRA-N8 NLYTTLSDV	4	>PDGFRA-N8 SLYTTLSDV	2	2
>PDGFRA-N8 NLYTTLSDVVM	3688	>PDGFRA-N8 SLYTTLSDVVM	256	3432
>PDGFRA-N8 NLYTTLSDVVM	3281	>PDGFRA-N8 SLYTTLSDVVM	379	2902
>PDGFRA-N8 NLYTTLSDV	421	>PDGFRA-N8 SLYTTLSDV	957	536
>PDGFRA-N8 NLYTTLSDV	947	>PDGFRA-N8 SLYTTLSDV	292	655
>PDGFRA-N8 NLYTTLSDVVM	1241	>PDGFRA-N8 SLYTTLSDVVM	316	925
>PDGFRA-N8 NLYTTLSDVVM	1640	>PDGFRA-N8 SLYTTLSDVVM	256	1384
>PDGFRA-N8 DNLYTTLSDV	4651	>PDGFRA-N8 DSLYTTLSDV	311	4340
>PDGFRA-N8 DNLYTTLSDV	12479	>PDGFRA-N8 DSLYTTLSDV\	185	12294
>PDGFRA-N8 DNLYTTLSDV	17486	>PDGFRA-N8 DSLYTTLSDV\	438	17048
>PDGFRA-N8 DNLYTTLSDV	8896	>PDGFRA-N8 DSLYTTLSDV\	101	8795
>PDGFRA-N8 DNLYTTLSDV	445	>PDGFRA-N8 DSLYTTLSDV\	310	135
>PDGFRA-N8 KWMAPESIFI	364	>PDGFRA-N8 KWMAPESIFI	270	94
>PDGFRA-N8 FDNLYTTLSD'	245	>PDGFRA-N8 FDSLYTTLSD\	387	142
>PDGFRA-N8 FDNLYTTL	848	>PDGFRA-N8 FDSLYTTL	460	388
>PDGFRA-N8 FDNLYTTL	188	>PDGFRA-N8 FDSLYTTL	402	214
>PDGFRA-N8 FDNLYTTLSD'	467	>PDGFRA-N8 FDSLYTTLSD\	218	249
>PDGFRA-N8 FDNLYTTL	215	>PDGFRA-N8 FDSLYTTL	191	24
>PDGFRA-N8 FDNLYTTLSD'	75	>PDGFRA-N8 FDSLYTTLSD\	67	8
>PDGFRA-N8 IFDNLYTTL	515	>PDGFRA-N8 IFDSLYTTL	455	60
>PDGFRA-N8 SIFDNLYT	143	>PDGFRA-N8 SIFDSLYT	117	26
>PDGFRA-N8 SIFDNLYTT	72	>PDGFRA-N8 SIFDSLYTT	61	11
>PDGFRA-N8 SIFDNLYTTL	125	>PDGFRA-N8 SIFDSLYTTL	109	16
>PDGFRA-N8 SIFDNLYT	314	>PDGFRA-N8 SIFDSLYT	207	107
>PDGFRA-N8 SIFDNLYTT	185	>PDGFRA-N8 SIFDSLYTT	105	80
>PDGFRA-N8 SIFDNLYTTL	29	>PDGFRA-N8 SIFDSLYTTL	21	8
>PDGFRA-N8 SIFDNLYTTLS	272	>PDGFRA-N8 SIFDSLYTTLS	188	84
>PDGFRA-N8 SIFDNLYT	593	>PDGFRA-N8 SIFDSLYT	288	305
>PDGFRA-N8 SIFDNLYTT	180	>PDGFRA-N8 SIFDSLYTT	92	88
>PDGFRA-N8 SIFDNLYTTL	34	>PDGFRA-N8 SIFDSLYTTL	34	0
>PDGFRA-N8 SIFDNLYT	76	>PDGFRA-N8 SIFDSLYT	55	21
>PDGFRA-N8 SIFDNLYTT	34	>PDGFRA-N8 SIFDSLYTT	27	7
>PDGFRA-N8 SIFDNLYTTL	95	>PDGFRA-N8 SIFDSLYTTL	74	21
>PDGFRA-N8 SIFDNLYTTLS	365	>PDGFRA-N8 SIFDSLYTTLS	260	105
>PDGFRA-N8 SIFDNLYT	48	>PDGFRA-N8 SIFDSLYT	58	10
>PDGFRA-N8 SIFDNLYTT	12	>PDGFRA-N8 SIFDSLYTT	22	10
>PDGFRA-N8 SIFDNLYTTL	6	>PDGFRA-N8 SIFDSLYTTL	8	2
>PDGFRA-N8 SIFDNLYTT	51	>PDGFRA-N8 SIFDSLYTT	207	156
>PDGFRA-N8 SIFDNLYTTL	30	>PDGFRA-N8 SIFDSLYTTL	59	29
>PDGFRA-N8 SIFDNLYT	624	>PDGFRA-N8 SIFDSLYT	320	304
>PDGFRA-N8 SIFDNLYTT	342	>PDGFRA-N8 SIFDSLYTT	204	138
>PDGFRA-N8 SIFDNLYTTL	15	>PDGFRA-N8 SIFDSLYTTL	15	0

>PDGFRA-N8 SIFDNLYTTL	491	>PDGFRA-N8 SIFDSLYTTL	626	135
>PDGFRA-N8 SIFDNLYT	146	>PDGFRA-N8 SIFDSLYT	147	1
>PDGFRA-N8 SIFDNLYTT	26	>PDGFRA-N8 SIFDSLYTT	33	7
>PDGFRA-N8 SIFDNLYTTL	4	>PDGFRA-N8 SIFDSLYTTL	4	0
>PDGFRA-N8 SIFDNLYTT	289	>PDGFRA-N8 SIFDSLYTT	708	419
>PDGFRA-N8 SIFDNLYTTL	20	>PDGFRA-N8 SIFDSLYTTL	37	17
>PDGFRA-N8 SIFDNLYTTL	719	>PDGFRA-N8 SIFDSLYTTL	421	298
>PDGFRA-N8 SIFDNLYTTL	152	>PDGFRA-N8 SIFDSLYTTL	161	9
>PDGFRA-N8 SIFDNLYTTL	1243	>PDGFRA-N8 SIFDSLYTTL	325	918
>PDGFRA-N8 ESIFDNLY	161	>PDGFRA-N8 ESIFDSLY	62	99
>PDGFRA-N8 ESIFDNLY	7	>PDGFRA-N8 ESIFDSLY	7	0
>PDGFRA-N8 ESIFDNLYTT	319	>PDGFRA-N8 ESIFDSLYTT	473	154
>PDGFRA-N8 ESIFDNLYTTL	60	>PDGFRA-N8 ESIFDSLYTTL	61	1
>PDGFRA-N8 ESIFDNLY	119	>PDGFRA-N8 ESIFDSLY	332	213
>PDGFRA-N8 ESIFDNLY	113	>PDGFRA-N8 ESIFDSLY	77	36
>PDGFRA-N8 ESIFDNLY	166	>PDGFRA-N8 ESIFDSLY	173	7
>PDGFRA-N8 ESIFDNLY	49	>PDGFRA-N8 ESIFDSLY	40	9
>PDGFRA-N8 ESIFDNLYTT	185	>PDGFRA-N8 ESIFDSLYTT	188	3
>PDGFRA-N8 ESIFDNLYTTL	55	>PDGFRA-N8 ESIFDSLYTTL	52	3
>PDGFRA-N8 ESIFDNLYTTL	465	>PDGFRA-N8 ESIFDSLYTTL	361	104
>PDGFRA-N8 ESIFDNLY	190	>PDGFRA-N8 ESIFDSLY	30	160
>PDGFRA-N8 ESIFDNLYTTL	165	>PDGFRA-N8 ESIFDSLYTTL	88	77
>PDGFRA-N8 ESIFDNLY	572	>PDGFRA-N8 ESIFDSLY	359	213
>PDGFRA-N8 PESIFDNL	525	>PDGFRA-N8 PESIFDSL	310	215
>PDGFRA-N8 APESIFDNL	10	>PDGFRA-N8 APESIFDSL	32	22
>PDGFRA-N8 APESIFDNL	642	>PDGFRA-N8 APESIFDSL	116	526
>PDGFRA-N8 APESIFDNLY	418	>PDGFRA-N8 APESIFDSLY	313	105
>PDGFRA-N8 APESIFDNL	352	>PDGFRA-N8 APESIFDSL	481	129
>PDGFRA-N8 APESIFDNLY	202	>PDGFRA-N8 APESIFDSLY	209	7
>PDGFRA-N8 APESIFDNL	101	>PDGFRA-N8 APESIFDSL	86	15
>PDGFRA-N8 APESIFDNLY	81	>PDGFRA-N8 APESIFDSLY	59	22
>PDGFRA-N8 MAPESIFDNL	467	>PDGFRA-N8 MAPESIFDSL	251	216
>PDGFRA-N8 MAPESIFDNL	247	>PDGFRA-N8 MAPESIFDSL	176	71
>PDGFRA-N8 MAPESIFDNL	193	>PDGFRA-N8 MAPESIFDSL'	159	34
>PDGFRA-N8 MAPESIFDNL	450	>PDGFRA-N8 MAPESIFDSL'	420	30
>PDGFRA-N8 MAPESIFDNL	286	>PDGFRA-N8 MAPESIFDSL'	202	84
>PDGFRA-N8 MAPESIFDNL	52	>PDGFRA-N8 MAPESIFDSL	46	6
>PDGFRA-N8 MAPESIFDNL	424	>PDGFRA-N8 MAPESIFDSL'	104	320
>PDGFRA-N8 MAPESIFDNL	34	>PDGFRA-N8 MAPESIFDSL'	29	5
>PDGFRA-N8 MAPESIFDNL	521	>PDGFRA-N8 MAPESIFDSL'	374	147
>PDGFRA-N8 MAPESIFDNL	4	>PDGFRA-N8 MAPESIFDSL	4	0
>PDGFRA-N8 MAPESIFDNL	71	>PDGFRA-N8 MAPESIFDSL'	106	35
>PDGFRA-N8 MAPESIFDNL	694	>PDGFRA-N8 MAPESIFDSL'	446	248

>PDGFRA-N8 WMAPESIFDI	50	>PDGFRA-N8 WMAPESIFDI	34	16
>PDGFRA-N8 WMAPESIFDI	3	>PDGFRA-N8 WMAPESIFDI	3	0
>PDGFRA-N8 WMAPESIFDI	14	>PDGFRA-N8 WMAPESIFDI	10	4
>PDGFRA-N8 WMAPESIFDI	17	>PDGFRA-N8 WMAPESIFDI	8	9
>PDGFRA-N8 WMAPESIFDI	21	>PDGFRA-N8 WMAPESIFDI	12	9
>PDGFRA-N8 WMAPESIFDI	27	>PDGFRA-N8 WMAPESIFDI	17	10
>PDGFRA-N8 WMAPESIFDI	14	>PDGFRA-N8 WMAPESIFDI	15	1
>PDGFRA-N8 WMAPESIFDI	10	>PDGFRA-N8 WMAPESIFDI	9	1
>PDGFRA-N8 WMAPESIFDI	2062	>PDGFRA-N8 WMAPESIFDI	213	1849
>PDGFRA-N8 WMAPESIFDI	6	>PDGFRA-N8 WMAPESIFDI	4	2
>PDGFRA-N8 WMAPESIFDI	524	>PDGFRA-N8 WMAPESIFDI	394	130
>PDGFRA-N8 WMAPESIFDI	462	>PDGFRA-N8 WMAPESIFDI	461	1
>PDGFRA-N8 WMAPESIFDI	1106	>PDGFRA-N8 WMAPESIFDI	191	915
>PDGFRA-N8 WMAPESIFDI	208	>PDGFRA-N8 WMAPESIFDI	100	108
>PDGFRA-N8 WMAPESIFDI	582	>PDGFRA-N8 WMAPESIFDI	96	486
>PDGFRA-P1 PLGMTDYL	9190	>PDGFRA-P1 SLGMTDYL	206	8984
>PDGFRA-P1 PLGMTDYLVI	3899	>PDGFRA-P1 SLGMTDYLVI	43	3856
>PDGFRA-P1 PLGMTDYLVI	8759	>PDGFRA-P1 SLGMTDYLVI	367	8392
>PDGFRA-P1 PLGMTDYLVI	2771	>PDGFRA-P1 SLGMTDYLVI	70	2701
>PDGFRA-P1 PLGMTDYL	691	>PDGFRA-P1 SLGMTDYL	31	660
>PDGFRA-P1 PLGMTDYLVI	603	>PDGFRA-P1 SLGMTDYLVI	30	573
>PDGFRA-P1 PLGMTDYLVI	3420	>PDGFRA-P1 SLGMTDYLVI	147	3273
>PDGFRA-P1 PLGMTDYLVI	1133	>PDGFRA-P1 SLGMTDYLVI	58	1075
>PDGFRA-P1 PLGMTDYLVI	6198	>PDGFRA-P1 SLGMTDYLVI	196	6002
>PDGFRA-P1 PLGMTDYLVI	4199	>PDGFRA-P1 SLGMTDYLVI	166	4033
>PDGFRA-P1 PLGMTDYLVI	2441	>PDGFRA-P1 SLGMTDYLVI	86	2355
>PDGFRA-P1 PLGMTDYLVI	5529	>PDGFRA-P1 SLGMTDYLVI	370	5159
>PDGFRA-P1 PLGMTDYL	249	>PDGFRA-P1 SLGMTDYL	10	239
>PDGFRA-P1 PLGMTDYLVI	65	>PDGFRA-P1 SLGMTDYLVI	4	61
>PDGFRA-P1 PLGMTDYLVI	1787	>PDGFRA-P1 SLGMTDYLVI	51	1736
>PDGFRA-P1 PLGMTDYLVI	84	>PDGFRA-P1 SLGMTDYLVI	6	78
>PDGFRA-P1 PLGMTDYL	1270	>PDGFRA-P1 SLGMTDYL	15	1255
>PDGFRA-P1 PLGMTDYLVI	210	>PDGFRA-P1 SLGMTDYLVI	5	205
>PDGFRA-P1 PLGMTDYLVI	3950	>PDGFRA-P1 SLGMTDYLVI	91	3859
>PDGFRA-P1 PLGMTDYLVI	182	>PDGFRA-P1 SLGMTDYLVI	6	176
>PDGFRA-P1 PLGMTDYL	263	>PDGFRA-P1 SLGMTDYL	12	251
>PDGFRA-P1 PLGMTDYLVI	39	>PDGFRA-P1 SLGMTDYLVI	6	33
>PDGFRA-P1 PLGMTDYLVI	1777	>PDGFRA-P1 SLGMTDYLVI	35	1742
>PDGFRA-P1 PLGMTDYLVI	44	>PDGFRA-P1 SLGMTDYLVI	6	38
>PDGFRA-P1 PLGMTDYL	248	>PDGFRA-P1 SLGMTDYL	71	177
>PDGFRA-P1 PLGMTDYLVI	113	>PDGFRA-P1 SLGMTDYLVI	24	89
>PDGFRA-P1 PLGMTDYLVI	111	>PDGFRA-P1 SLGMTDYLVI	28	83
>PDGFRA-P1 PLGMTDYL	131	>PDGFRA-P1 SLGMTDYL	9	122

>PDGFRA-P1 PLGMDTYLV	19	>PDGFRA-P1 SLGMDTYLV	3	16
>PDGFRA-P1 PLGMDTYLVI	1346	>PDGFRA-P1 SLGMDTYLVI	56	1290
>PDGFRA-P1 PLGMDTYLVI	15	>PDGFRA-P1 SLGMDTYLVI	3	12
>PDGFRA-P1 VPLGMDTYL	10408	>PDGFRA-P1 VSLGMDTYL	307	10101
>PDGFRA-P1 VPLGMDTYL	11	>PDGFRA-P1 VSLGMDTYL	1127	1116
>PDGFRA-P1 VPLGMDTYL\	248	>PDGFRA-P1 VSLGMDTYL\	18717	18469
>PDGFRA-P1 VPLGMDTYL\	140	>PDGFRA-P1 VSLGMDTYL\	14276	14136
>PDGFRA-P1 VPLGMDTYL\	3910	>PDGFRA-P1 VSLGMDTYL\	348	3562
>PDGFRA-P1 VPLGMDTYL\	1215	>PDGFRA-P1 VSLGMDTYL\	168	1047
>PDGFRA-P1 VPLGMDTYL\	4071	>PDGFRA-P1 VSLGMDTYL\	458	3613
>PDGFRA-P1 VPLGMDTY	5631	>PDGFRA-P1 VSLGMDTY	471	5160
>PDGFRA-P1 VPLGMDTY	792	>PDGFRA-P1 VSLGMDTY	74	718
>PDGFRA-P1 VPLGMDTY	3019	>PDGFRA-P1 VSLGMDTY	148	2871
>PDGFRA-P1 VPLGMDTYL\	14677	>PDGFRA-P1 VSLGMDTYL\	373	14304
>PDGFRA-P1 VPLGMDTY	3195	>PDGFRA-P1 VSLGMDTY	457	2738
>PDGFRA-P1 VPLGMDTYL	97	>PDGFRA-P1 VSLGMDTYL	22814	22717
>PDGFRA-P1 VPLGMDTYL\	321	>PDGFRA-P1 VSLGMDTYL\	21506	21185
>PDGFRA-P1 VPLGMDTY	9821	>PDGFRA-P1 VSLGMDTY	7	9814
>PDGFRA-P1 VPLGMDTYL	21411	>PDGFRA-P1 VSLGMDTYL	62	21349
>PDGFRA-P1 VPLGMDTYL\	20445	>PDGFRA-P1 VSLGMDTYL\	189	20256
>PDGFRA-P1 VPLGMDTY	26	>PDGFRA-P1 VSLGMDTY	1588	1562
>PDGFRA-P1 VPLGMDTYL\	303	>PDGFRA-P1 VSLGMDTYL\	13884	13581
>PDGFRA-P1 VPLGMDTY	159	>PDGFRA-P1 VSLGMDTY	12158	11999
>PDGFRA-P1 VPLGMDTYL	324	>PDGFRA-P1 VSLGMDTYL	12767	12443
>PDGFRA-P1 VPLGMDTYL\	84	>PDGFRA-P1 VSLGMDTYL\	7802	7718
>PDGFRA-P1 VPLGMDTYL\	61	>PDGFRA-P1 VSLGMDTYL\	15160	15099
>PDGFRA-P1 VPLGMDTYL	20918	>PDGFRA-P1 VSLGMDTYL	321	20597
>PDGFRA-P1 VPLGMDTYL\	19095	>PDGFRA-P1 VSLGMDTYL\	108	18987
>PDGFRA-P1 VPLGMDTYL	6426	>PDGFRA-P1 VSLGMDTYL	368	6058
>PDGFRA-P1 VPLGMDTY	235	>PDGFRA-P1 VSLGMDTY	15795	15560
>PDGFRA-P1 VPLGMDTYL	250	>PDGFRA-P1 VSLGMDTYL	18063	17813
>PDGFRA-P1 VPLGMDTYL\	273	>PDGFRA-P1 VSLGMDTYL\	16393	16120
>PDGFRA-P1 VPLGMDTYL\	4357	>PDGFRA-P1 VSLGMDTYL\	82	4275
>PDGFRA-P1 YVPDPDVAF\	5922	>PDGFRA-P1 YVPDPDVAF\	382	5540
>PDGFRA-P1 FVPLGMDTYI	598	>PDGFRA-P1 FVSLGMDTYI	200	398
>PDGFRA-P1 FVPLGMDTYI	99	>PDGFRA-P1 FVSLGMDTYI	45	54
>PDGFRA-P1 FVPLGMDTYI	38	>PDGFRA-P1 FVSLGMDTYI	17	21
>PDGFRA-P1 FVPLGMDTYI	48	>PDGFRA-P1 FVSLGMDTYI	9	39
>PDGFRA-P1 FVPLGMDTYI	228	>PDGFRA-P1 FVSLGMDTYI	89	139
>PDGFRA-P1 FVPLGMDTYI	43	>PDGFRA-P1 FVSLGMDTYI	16	27
>PDGFRA-P1 FVPLGMDTYI	79	>PDGFRA-P1 FVSLGMDTYI	80	1
>PDGFRA-P1 FVPLGMDTYI	10	>PDGFRA-P1 FVSLGMDTYI	9	1
>PDGFRA-P1 FVPLGMDTYI	153	>PDGFRA-P1 FVSLGMDTYI	176	23

>PDGFRA-P1 FVPLGMDYI	299	>PDGFRA-P1 FVSLGMDYI	108	191
>PDGFRA-P1 FVPLGMDYI	565	>PDGFRA-P1 FVSLGMDYI	427	138
>PDGFRA-P1 FVPLGMDYI	74	>PDGFRA-P1 FVSLGMDYI	62	12
>PDGFRA-P1 FVPLGMDYI	1213	>PDGFRA-P1 FVSLGMDYI	271	942
>PDGFRA-P1 FVPLGMDYI	1029	>PDGFRA-P1 FVSLGMDYI	205	824
>PDGFRA-P1 FVPLGMDYI	147	>PDGFRA-P1 FVSLGMDYI	84	63
>PDGFRA-P1 FVPLGMDYI	11	>PDGFRA-P1 FVSLGMDYI	8	3
>PDGFRA-P1 FVPLGMDY	22	>PDGFRA-P1 FVSLGMDY	34	12
>PDGFRA-P1 FVPLGMDY	427	>PDGFRA-P1 FVSLGMDY	515	88
>PDGFRA-P1 FVPLGMDY	33	>PDGFRA-P1 FVSLGMDY	89	56
>PDGFRA-P1 FVPLGMDY	32	>PDGFRA-P1 FVSLGMDY	14	18
>PDGFRA-P1 FVPLGMDYI	287	>PDGFRA-P1 FVSLGMDYI	248	39
>PDGFRA-P1 FVPLGMDYI	13	>PDGFRA-P1 FVSLGMDYI	13	0
>PDGFRA-P1 FVPLGMDYI	1158	>PDGFRA-P1 FVSLGMDYI	354	804
>PDGFRA-P1 FVPLGMDY	1662	>PDGFRA-P1 FVSLGMDY	303	1359
>PDGFRA-P1 FVPLGMDY	593	>PDGFRA-P1 FVSLGMDY	384	209
>PDGFRA-P1 FVPLGMDY	5469	>PDGFRA-P1 FVSLGMDY	183	5286
>PDGFRA-P1 FVPLGMDY	1530	>PDGFRA-P1 FVSLGMDY	179	1351
>PDGFRA-P1 FVPLGMDYI	24	>PDGFRA-P1 FVSLGMDYI	3933	3909
>PDGFRA-P1 FVPLGMDYI	114	>PDGFRA-P1 FVSLGMDYI	7891	7777
>PDGFRA-P1 FVPLGMDY	2752	>PDGFRA-P1 FVSLGMDY	166	2586
>PDGFRA-P1 AFVPLGMD'	182	>PDGFRA-P1 AFVSLGMD'	148	34
>PDGFRA-P1 AFVPLGMD'	42	>PDGFRA-P1 AFVSLGMD'	81	39
>PDGFRA-P1 AFVPLGMD'	243	>PDGFRA-P1 AFVSLGMD'	154	89
>PDGFRA-P1 AFVPLGMD'	694	>PDGFRA-P1 AFVSLGMD'	350	344
>PDGFRA-P1 AFVPLGMD'	424	>PDGFRA-P1 AFVSLGMD'	343	81
>PDGFRA-P1 AFVPLGMD'	987	>PDGFRA-P1 AFVSLGMD'	466	521
>PDGFRA-P1 AFVPLGMD'	100	>PDGFRA-P1 AFVSLGMD'	162	62
>PDGFRA-P1 VAFVPLGM	496	>PDGFRA-P1 VAFVSLGM	531	35
>PDGFRA-P1 VAFVPLGMTI	160	>PDGFRA-P1 VAFVSLGMTI	201	41
>PDGFRA-P1 VAFVPLGMTI	122	>PDGFRA-P1 VAFVSLGMTI	92	30
>PDGFRA-P1 VAFVPLGM	708	>PDGFRA-P1 VAFVSLGM	373	335
>PDGFRA-P1 VAFVPLGMTI	186	>PDGFRA-P1 VAFVSLGMTI	99	87
>PDGFRA-P1 VAFVPLGM	23	>PDGFRA-P1 VAFVSLGM	11	12
>PDGFRA-P1 VAFVPLGMTI	13	>PDGFRA-P1 VAFVSLGMTI	8	5
>PDGFRA-P1 VAFVPLGM	950	>PDGFRA-P1 VAFVSLGM	371	579
>PDGFRA-P1 VAFVPLGMTI	662	>PDGFRA-P1 VAFVSLGMTI	400	262
>PDGFRA-P1 VAFVPLGM	864	>PDGFRA-P1 VAFVSLGM	435	429
>PDGFRA-P1 VAFVPLGMTI	72	>PDGFRA-P1 VAFVSLGMTI	117	45
>PDGFRA-P1 DVAFVPLGM	592	>PDGFRA-P1 DVAFVSLGM	24	568
>PDGFRA-P1 DVAFVPLGM	385	>PDGFRA-P1 DVAFVSLGM	676	291
>PDGFRA-P1 DVAFVPLGM	127	>PDGFRA-P1 DVAFVSLGM	60	67
>PDGFRA-P1 DVAFVPLGM	118	>PDGFRA-P1 DVAFVSLGM	58	60

>PDGFRA-P1 DVAFVPLGM	1557	>PDGFRA-P1 DVAFVSLGM	473	1084
>PDGFRA-P1 DPDVAFVPL	1924	>PDGFRA-P1 DPDVAFVSL	260	1664
>PDGFRA-P1 DPDVAFVPL	310	>PDGFRA-P1 DPDVAFVSL	1313	1003
>PDGFRA-P1 DPDVAFVPL	213	>PDGFRA-P1 DPDVAFVSL	657	444
>PDGFRA-P1 DPDVAFVPLC	139	>PDGFRA-P1 DPDVAFVSLC	96	43
>PDGFRA-P1 DPDVAFVPL	318	>PDGFRA-P1 DPDVAFVSL	722	404
>PDGFRA-P1 DPDVAFVPL	495	>PDGFRA-P1 DPDVAFVSL	435	60
>PDGFRA-P1 VPDVAFVFI	539	>PDGFRA-P1 VPDVAFVFI	179	360
>PDGFRA-P1 VPDVAFVFI	87	>PDGFRA-P1 VPDVAFVFI	148	61
>PDGFRA-P1 VPDVAFVFI	186	>PDGFRA-P1 VPDVAFVFI	537	351
>PDGFRA-P1 VPDVAFVFI	234	>PDGFRA-P1 VPDVAFVFI	453	219
>PDGFRA-P1 VPDVAFVFI	681	>PDGFRA-P1 VPDVAFVFI	375	306
>PDGFRA-P1 VPDVAFVFI	429	>PDGFRA-P1 VPDVAFVFI	386	43
>PDGFRA-P5 PYDSRWEF	90	>PDGFRA-P5 SYDSRWEF	102	12
>PDGFRA-P5 PYDSRWEF	354	>PDGFRA-P5 SYDSRWEF	172	182
>PDGFRA-P5 PYDSRWEF	45	>PDGFRA-P5 SYDSRWEF	9	36
>PDGFRA-P5 PYDSRWEFFI	956	>PDGFRA-P5 SYDSRWEFFI	99	857
>PDGFRA-P5 PYDSRWEFFI	834	>PDGFRA-P5 SYDSRWEFFI	106	728
>PDGFRA-P5 PYDSRWEFFI	83	>PDGFRA-P5 SYDSRWEFFI	38	45
>PDGFRA-P5 PYDSRWEF	3693	>PDGFRA-P5 SYDSRWEF	414	3279
>PDGFRA-P5 LPYDSRWEF	60	>PDGFRA-P5 LSYDSRWEF	17381	17321
>PDGFRA-P5 LPYDSRWEFF	9788	>PDGFRA-P5 LSYDSRWEFF	29	9759
>PDGFRA-P5 LPYDSRWEF	446	>PDGFRA-P5 LSYDSRWEF	99	347
>PDGFRA-P5 LPYDSRWEF	2620	>PDGFRA-P5 LSYDSRWEF	406	2214
>PDGFRA-P5 LPYDSRWEFF	214	>PDGFRA-P5 LSYDSRWEFF	7	207
>PDGFRA-P5 LPYDSRWEFF	138	>PDGFRA-P5 LSYDSRWEFF	32	106
>PDGFRA-P5 LPYDSRWEFF	170	>PDGFRA-P5 LSYDSRWEFF	9	161
>PDGFRA-P5 LPYDSRWEF	37	>PDGFRA-P5 LSYDSRWEF	18420	18383
>PDGFRA-P5 LPYDSRWEF	8703	>PDGFRA-P5 LSYDSRWEF	130	8573
>PDGFRA-P5 LPYDSRWEF	48	>PDGFRA-P5 LSYDSRWEF	8	40
>PDGFRA-P5 LPYDSRWEF	1349	>PDGFRA-P5 LSYDSRWEF	3	1346
>PDGFRA-P5 LPYDSRWEF	243	>PDGFRA-P5 LSYDSRWEF	1234	991
>PDGFRA-P5 LPYDSRWEF	11	>PDGFRA-P5 LSYDSRWEF	294	283
>PDGFRA-P5 LPYDSRWEFF	242	>PDGFRA-P5 LSYDSRWEFF	11613	11371
>PDGFRA-P5 LPYDSRWEF	17	>PDGFRA-P5 LSYDSRWEF	2437	2420
>PDGFRA-P5 LPYDSRWEFF	109	>PDGFRA-P5 LSYDSRWEFF	19412	19303
>PDGFRA-P5 LPYDSRWEF	10455	>PDGFRA-P5 LSYDSRWEF	84	10371
>PDGFRA-P5 LPYDSRWEF	11016	>PDGFRA-P5 LSYDSRWEF	21	10995
>PDGFRA-P5 LPYDSRWEF	5327	>PDGFRA-P5 LSYDSRWEF	422	4905
>PDGFRA-P5 LPYDSRWEF	26	>PDGFRA-P5 LSYDSRWEF	5404	5378
>PDGFRA-P5 LPYDSRWEF	13	>PDGFRA-P5 LSYDSRWEF	4001	3988
>PDGFRA-P5 LPYDSRWEFF	140	>PDGFRA-P5 LSYDSRWEFF	177	37
>PDGFRA-P5 QLPYDSRWEI	464	>PDGFRA-P5 QLSYDSRWEI	883	419

>PDGFRA-P5.QLPYDSRWEI	497	>PDGFRA-P5.QLSYDSRWEI	1574	1077
>PDGFRA-P5.QLPYDSRWEI	406	>PDGFRA-P5.QLSYDSRWEI	2036	1630
>PDGFRA-P5.QLPYDSRWEI	438	>PDGFRA-P5.QLSYDSRWEI	76	362
>PDGFRA-P5.QLPYDSRWEI	1506	>PDGFRA-P5.QLSYDSRWEI	338	1168
>PDGFRA-P5.MQLPYDSRW	12	>PDGFRA-P5.MQLSYDSRW	22	10
>PDGFRA-P5.MQLPYDSRW	50	>PDGFRA-P5.MQLSYDSRW	44	6
>PDGFRA-P5.MQLPYDSRW	61	>PDGFRA-P5.MQLSYDSRW	113	52
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>PDGFRA-P5.MQLPYDSR	792	>PDGFRA-P5.MQLSYDSR	313	479
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>PDGFRA-P5.MQLPYDSR	141	>PDGFRA-P5.MQLSYDSR	67	74
>PDGFRA-P5.MQLPYDSRW	159	>PDGFRA-P5.MQLSYDSRW	55	104
>PDGFRA-P5.MQLPYDSRW	4	>PDGFRA-P5.MQLSYDSRW	3	1
>PDGFRA-P5.MQLPYDSRW	21	>PDGFRA-P5.MQLSYDSRW	185	164
>PDGFRA-P5.MQLPYDSRW	261	>PDGFRA-P5.MQLSYDSRW	1661	1400
>PDGFRA-P5.MQLPYDSRW	215	>PDGFRA-P5.MQLSYDSRW	243	28
>PDGFRA-P5.MQLPYDSRW	157	>PDGFRA-P5.MQLSYDSRW	187	30
>PDGFRA-P5.MQLPYDSRW	729	>PDGFRA-P5.MQLSYDSRW	462	267
>PDGFRA-P5.MQLPYDSRW	424	>PDGFRA-P5.MQLSYDSRW	273	151
>PDGFRA-P5.MQLPYDSRW	323	>PDGFRA-P5.MQLSYDSRW	1629	1306
>PDGFRA-P5.MQLPYDSRW	47	>PDGFRA-P5.MQLSYDSRW	102	55
>PDGFRA-P5.MQLPYDSRW	133	>PDGFRA-P5.MQLSYDSRW	98	35
>PDGFRA-P5.MQLPYDSRW	8	>PDGFRA-P5.MQLSYDSRW	11	3
>PDGFRA-P5.MQLPYDSRW	134	>PDGFRA-P5.MQLSYDSRW	303	169
>PDGFRA-P5.MQLPYDSR	297	>PDGFRA-P5.MQLSYDSR	311	14
>PDGFRA-P5.DPMQLPYDS	1458	>PDGFRA-P5.DPMQLSYDS	459	999
>PDGFRA-P5.DPMQLPYDS	558	>PDGFRA-P5.DPMQLSYDSI	304	254
>PDGFRA-P5.DPMQLPYDS	36	>PDGFRA-P5.DPMQLSYDSI	34	2
>PDGFRA-P5.DPMQLPYDS	26	>PDGFRA-P5.DPMQLSYDSI	12	14
>PDGFRA-P5.YVDPMQLPY	8	>PDGFRA-P5.YVDPMQLSY	10	2
>PDGFRA-P5.YVDPMQLPY	478	>PDGFRA-P5.YVDPMQLSY	1151	673
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>PDGFRA-P5.YVDPMQLPY	12	>PDGFRA-P5.YVDPMQLSY	15	3
>PDGFRA-P5.YVDPMQLPY	822	>PDGFRA-P5.YVDPMQLSY	304	518
>PDGFRA-P5.YVDPMQLPY	5	>PDGFRA-P5.YVDPMQLSY	6	1
>PDGFRA-P5.YVDPMQLPY	198	>PDGFRA-P5.YVDPMQLSY	315	117
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>PDGFRA-P5.YVDPMQLPY	16	>PDGFRA-P5.YVDPMQLSY	40	24
>PDGFRA-P5.YVDPMQLPY	854	>PDGFRA-P5.YVDPMQLSY	216	638
>PDGFRA-P5.YVDPMQLPY	900	>PDGFRA-P5.YVDPMQLSY	194	706
>PDGFRA-P5.YVDPMQLPY	78	>PDGFRA-P5.YVDPMQLSY	111	33
>PDGFRA-P5.YVDPMQLPY	141	>PDGFRA-P5.YVDPMQLSY	72	69
>PDGFRA-P5.IYVDPMQLPY	198	>PDGFRA-P5.IYVDPMQLSY	298	100



>PDGFRA-P5.IYVDPMQLPY	26	>PDGFRA-P5.IYVDPMQLSY	34	8
>PDGFRA-P5.IYVDPMQLPY	143	>PDGFRA-P5.IYVDPMQLSY	117	26
>PDGFRA-P5.IYVDPMQLPY	84	>PDGFRA-P5.IYVDPMQLSY	95	11
>PDGFRA-P5.YIYVDPMQLF	257	>PDGFRA-P5.YIYVDPMQLS	244	13
>PDGFRA-P5.YIYVDPMQLF	253	>PDGFRA-P5.YIYVDPMQLS	528	275
>PDGFRA-P5.YIYVDPMQLF	1559	>PDGFRA-P5.YIYVDPMQLS	238	1321
>PDGFRA-P5.YIYVDPMQLF	227	>PDGFRA-P5.YIYVDPMQLS	397	170
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>PDGFRA-P5.YIYVDPMQLF	669	>PDGFRA-P5.YIYVDPMQLS	251	418
>PDGFRA-P5.YIYVDPMQLF	12	>PDGFRA-P5.YIYVDPMQLS	13	1
>PDGFRA-P5.YIYVDPMQLF	58	>PDGFRA-P5.YIYVDPMQLS	64	6
>PDGFRA-P5.YIYVDPMQLF	53	>PDGFRA-P5.YIYVDPMQLS	65	12
>PDGFRA-P5.YIYVDPMQLF	32	>PDGFRA-P5.YIYVDPMQLS	36	4
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>PDGFRA-P5.YIYVDPMQLF	464	>PDGFRA-P5.YIYVDPMQLS	1113	649
>PDGFRA-P5.YIYVDPMQLF	1030	>PDGFRA-P5.YIYVDPMQLS	387	643
>PDGFRA-P5.YIYVDPMQLF	1291	>PDGFRA-P5.YIYVDPMQLS	387	904
>PDGFRA-P5.YIYVDPMQLF	406	>PDGFRA-P5.YIYVDPMQLS	576	170
>PDGFRA-P5.YIYVDPMQLF	449	>PDGFRA-P5.YIYVDPMQLS	262	187
>PDGFRA-P5.PRDGLVLGR	2457	>PDGFRA-P5.SRDGLVLGR	319	2138
>PDGFRA-P5.PRDGLVLGR\	2884	>PDGFRA-P5.SRDGLVLGRV	77	2807
>PDGFRA-P5.PRDGLVLGR\	2435	>PDGFRA-P5.SRDGLVLGRV	389	2046
>PDGFRA-P5.PRDGLVLGR\	986	>PDGFRA-P5.SRDGLVLGRV	114	872
>PDGFRA-P5.FPRDGLVLGR	4465	>PDGFRA-P5.FSRDGLVLGR	137	4328
>PDGFRA-P5.FPRDGLVLGR	4320	>PDGFRA-P5.FSRDGLVLGR	276	4044
>PDGFRA-P5.FPRDGLVLGR	1753	>PDGFRA-P5.FSRDGLVLGR	292	1461
>PDGFRA-P5.FPRDGLVLGR	2608	>PDGFRA-P5.FSRDGLVLGR	129	2479
>PDGFRA-P5.FPRDGLVLGR	4309	>PDGFRA-P5.FSRDGLVLGR	147	4162
>PDGFRA-P5.FPRDGLVL	15	>PDGFRA-P5.FSRDGLVL	599	584
>PDGFRA-P5.FPRDGLVLGR	40	>PDGFRA-P5.FSRDGLVLGR	14255	14215
>PDGFRA-P5.FPRDGLVL	13014	>PDGFRA-P5.FSRDGLVL	346	12668
>PDGFRA-P5.FPRDGLVL	2159	>PDGFRA-P5.FSRDGLVL	221	1938
>PDGFRA-P5.FPRDGLVL	11785	>PDGFRA-P5.FSRDGLVL	8	11777
>PDGFRA-P5.FPRDGLVLGR	23212	>PDGFRA-P5.FSRDGLVLGR	193	23019
>PDGFRA-P5.FPRDGLVL	108	>PDGFRA-P5.FSRDGLVL	8913	8805
>PDGFRA-P5.FPRDGLVL	252	>PDGFRA-P5.FSRDGLVL	3371	3119
>PDGFRA-P5.FPRDGLVLGR	254	>PDGFRA-P5.FSRDGLVLGR	17952	17698
>PDGFRA-P5.FPRDGLVL	426	>PDGFRA-P5.FSRDGLVL	21698	21272
>PDGFRA-P5.FPRDGLVLG	16	>PDGFRA-P5.FSRDGLVLG	11156	11140
>PDGFRA-P5.FPRDGLVLGR	11	>PDGFRA-P5.FSRDGLVLGR	7811	7800
>PDGFRA-P5.FPRDGLVL	6708	>PDGFRA-P5.FSRDGLVL	73	6635
>PDGFRA-P5.FPRDGLVLGR	3504	>PDGFRA-P5.FSRDGLVLGR	125	3379

>PDGFRA-P5.EFPRDGLVL	400	>PDGFRA-P5.EFSRDGLVL	2489	2089
>PDGFRA-P5.EFPRDGLVLG	2112	>PDGFRA-P5.EFSRDGLVLG	468	1644
>PDGFRA-P5.EFPRDGLVLG	997	>PDGFRA-P5.EFSRDGLVLG	222	775
>PDGFRA-P5.EFPRDGLVLG	140	>PDGFRA-P5.EFSRDGLVLG	178	38
>PDGFRA-P5.WEFPRDGLV	20	>PDGFRA-P5.WEFSRDGLV	20	0
>PDGFRA-P5.WEFPRDGLV	215	>PDGFRA-P5.WEFSRDGLVI	291	76
>PDGFRA-P5.WEFPRDGLV	462	>PDGFRA-P5.WEFSRDGLVI	319	143
>PDGFRA-P5.WEFPRDGL	143	>PDGFRA-P5.WEFSRDGL	157	14
>PDGFRA-P5.WEFPRDGLV	238	>PDGFRA-P5.WEFSRDGLVI	155	83
>PDGFRA-P5.WEFPRDGL	14	>PDGFRA-P5.WEFSRDGL	9	5
>PDGFRA-P5.WEFPRDGLV	251	>PDGFRA-P5.WEFSRDGLV	111	140
>PDGFRA-P5.WEFPRDGLV	124	>PDGFRA-P5.WEFSRDGLVI	320	196
>PDGFRA-P5.WEFPRDGL	113	>PDGFRA-P5.WEFSRDGL	103	10
>PDGFRA-P5.WEFPRDGLV	568	>PDGFRA-P5.WEFSRDGLVI	434	134
>PDGFRA-P5.WEFPRDGL	163	>PDGFRA-P5.WEFSRDGL	333	170
>PDGFRA-P5.WEFPRDGLV	15	>PDGFRA-P5.WEFSRDGLV	7	8
>PDGFRA-P5.WEFPRDGLV	55	>PDGFRA-P5.WEFSRDGLVI	30	25
>PDGFRA-P5.WEFPRDGLV	280	>PDGFRA-P5.WEFSRDGLVI	155	125
>PDGFRA-P5.RWEFPRDGL	532	>PDGFRA-P5.RWEFSRDGL	421	111
>PDGFRA-P5.RWEFPRDGL	155	>PDGFRA-P5.RWEFSRDGL	68	87
>PDGFRA-P5.RWEFPRDGL	125	>PDGFRA-P5.RWEFSRDGL	364	239
>PDGFRA-P5.RWEFPRDGL	290	>PDGFRA-P5.RWEFSRDGL	176	114
>PDGFRA-P5.SRWEFPRDG	704	>PDGFRA-P5.SRWEFSRDGI	479	225
>PDGFRA-P5.SRWEFPRDG	83	>PDGFRA-P5.SRWEFSRDGI	75	8
>PDGFRA-P5.SRWEFPRDG	66	>PDGFRA-P5.SRWEFSRDGI	64	2
>PDGFRA-P5.SRWEFPRD	265	>PDGFRA-P5.SRWEFSRD	329	64
>PDGFRA-P5.SRWEFPRDG	294	>PDGFRA-P5.SRWEFSRDGI	359	65
>PDGFRA-P5.SRWEFPRDG	37	>PDGFRA-P5.SRWEFSRDGI	68	31
>PDGFRA-P5.DSRWEFPR	193	>PDGFRA-P5.DSRWEFSR	563	370
>PDGFRA-P5.DSRWEFPR	13	>PDGFRA-P5.DSRWEFSR	13	0
>PDGFRA-P5.DSRWEFPR	54	>PDGFRA-P5.DSRWEFSR	42	12
>PDGFRA-P5.YDSRWEFPR	506	>PDGFRA-P5.YDSRWEFSR	460	46
>PDGFRA-P5.PYDSRWEFPR	83	>PDGFRA-P5.PYDSRWEFSF	229	146
>PDGFRA-P5.LPYDSRWEFF	214	>PDGFRA-P5.LPYDSRWEFS	728	514
>PDGFRA-P5.LPYDSRWEFF	138	>PDGFRA-P5.LPYDSRWEFS	257	119
>PDGFRA-P5.LPYDSRWEFF	170	>PDGFRA-P5.LPYDSRWEFS	167	3
>PDGFRA-P5.LPYDSRWEFF	242	>PDGFRA-P5.LPYDSRWEFS	795	553
>PDGFRA-P5.LPYDSRWEFF	109	>PDGFRA-P5.LPYDSRWEFS	408	299
>PDGFRA-P5.LPYDSRWEFF	140	>PDGFRA-P5.LPYDSRWEFS	610	470
>PDGFRA-Q4.QTVRCTAEGT	6587	>PDGFRA-Q4.RTVRCTAEGT	463	6124
>PDGFRA-Q4.GGQTVRCTA	11484	>PDGFRA-Q4.GGRTVRCTA	229	11255
>PDGFRA-Q4.STGGQTVR	204	>PDGFRA-Q4.STGGRTVR	78	126
>PDGFRA-Q4.STGGQTVR	157	>PDGFRA-Q4.STGGRTVR	117	40

>PDGFRA-Q4 GSTGGQTVR	861	>PDGFRA-Q4 GSTGGRTVR	229	632
>PDGFRA-Q4 HHGSTGGQT	200	>PDGFRA-Q4 HHGSTGGRTV	299	99
>PDGFRA-Q4 HHGSTGGQ	25408	>PDGFRA-Q4 HHGSTGGR	328	25080
>PDGFRA-Q4 DHHGSTGGC	454	>PDGFRA-Q4 DHHGSTGGR	612	158
>PDGFRA-R8 ARNVLLAQGI	8073	>PDGFRA-R8 ASNVLLAQGI	55	8018
>PDGFRA-R8 ARNVLLAQGI	6991	>PDGFRA-R8 ASNVLLAQGI	120	6871
>PDGFRA-R8 ARNVLLAQGI	26444	>PDGFRA-R8 ASNVLLAQGI	341	26103
>PDGFRA-R8 ARNVLLAQGI	172	>PDGFRA-R8 ASNVLLAQGI	26194	26022
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>PDGFRA-R8 ARNVLLAQGI	400	>PDGFRA-R8 ASNVLLAQGI	31595	31195
>PDGFRA-R8 ARNVLLAQGI	6124	>PDGFRA-R8 ASNVLLAQGI	84	6040
>PDGFRA-R8 KNCVHRDLA	51	>PDGFRA-R8 KNCVHRDLA	15677	15626
>PDGFRA-R8 AARNVLLAQ	1599	>PDGFRA-R8 AASNVLLAQ	93	1506
>PDGFRA-R8 AARNVLLA	13	>PDGFRA-R8 AASNVLLA	2894	2881
>PDGFRA-R8 AARNVLLAQ	114	>PDGFRA-R8 AASNVLLAQ	9046	8932
>PDGFRA-R8 AARNVLLAQ	202	>PDGFRA-R8 AASNVLLAQ	11232	11030
>PDGFRA-R8 AARNVLLAQ	6	>PDGFRA-R8 AASNVLLAQ	642	636
>PDGFRA-R8 LAARNVLL	418	>PDGFRA-R8 LAASNVLL	95	323
>PDGFRA-R8 LAARNVLL	1431	>PDGFRA-R8 LAASNVLL	480	951
>PDGFRA-R8 LAARNVLL	458	>PDGFRA-R8 LAASNVLL	602	144
>PDGFRA-R8 LAARNVLL	601	>PDGFRA-R8 LAASNVLL	389	212
>PDGFRA-R8 DLAARNVL	862	>PDGFRA-R8 DLAASNVL	273	589
>PDGFRA-R8 DLAARNVLL	109	>PDGFRA-R8 DLAASNVLL	54	55
>PDGFRA-R8 DLAARNVLLA	687	>PDGFRA-R8 DLAASNVLLA	257	430
>PDGFRA-R8 DLAARNVLLA	637	>PDGFRA-R8 DLAASNVLLA	345	292
>PDGFRA-R8 DLAARNVL	326	>PDGFRA-R8 DLAASNVL	251	75
>PDGFRA-R8 DLAARNVLL	121	>PDGFRA-R8 DLAASNVLL	88	33
>PDGFRA-R8 DLAARNVLLA	441	>PDGFRA-R8 DLAASNVLLA	357	84
>PDGFRA-R8 DLAARNVLL	562	>PDGFRA-R8 DLAASNVLL	146	416
>PDGFRA-R8 RDLAARNVL	97	>PDGFRA-R8 RDLAASNVL	99	2
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>PDGFRA-R8 RDLAARNV	210	>PDGFRA-R8 RDLAASNVL	77	133
>PDGFRA-R8 RDLAARNVL	1619	>PDGFRA-R8 RDLAASNVL	338	1281
>PDGFRA-R8 RDLAARNVLL	499	>PDGFRA-R8 RDLAASNVLL	185	314
>PDGFRA-R8 HRDLAARNVI	62	>PDGFRA-R8 HRDLAASNVI	66	4
>PDGFRA-R8 HRDLAARNVI	371	>PDGFRA-R8 HRDLAASNVI	527	156
>PDGFRA-R8 HRDLAARNVI	21	>PDGFRA-R8 HRDLAASNVI	12	9
>PDGFRA-R8 HRDLAARNVI	49	>PDGFRA-R8 HRDLAASNVI	23	26
>PDGFRA-R8 HRDLAARNVI	347	>PDGFRA-R8 HRDLAASNVI	444	97
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>PDGFRA-R8 VHRDLAARNV	471	>PDGFRA-R8 VHRDLAASN	216	255
>PDGFRA-R8 CVHRDLAARN	519	>PDGFRA-R8 CVHRDLAASN	143	376
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>PDGFRA-R8 CVHRDLAARI	723	>PDGFRA-R8 CVHRDLAAS'	170	553
>PDGFRA-R8 RDIMHDSNY'	173	>PDGFRA-R8 SDIMHDSNY\	157	16
>PDGFRA-R8 ARDIMHDSN'	4620	>PDGFRA-R8 ASDIMHDSN'	32	4588
>PDGFRA-R8 ARDIMHDSN'	330	>PDGFRA-R8 ASDIMHDSN'	37	293
>PDGFRA-R8 ARDIMHDSN'	16293	>PDGFRA-R8 ASDIMHDSN'	11	16282
>PDGFRA-R8 ARDIMHDSN'	230	>PDGFRA-R8 ASDIMHDSN'	26214	25984
>PDGFRA-R8 ARDIMHDSN'	11881	>PDGFRA-R8 ASDIMHDSN'	136	11745
>PDGFRA-R8 IVKICDFGLAR	21	>PDGFRA-R8 IVKICDFGLAS	12880	12859
>PDGFRA-R8 IVKICDFGLAR	136	>PDGFRA-R8 IVKICDFGLAS	25285	25149
>PDGFRA-R8 IVKICDFGLAR	147	>PDGFRA-R8 IVKICDFGLAS	27534	27387
>PDGFRA-R8 IVKICDFGLAR	120	>PDGFRA-R8 IVKICDFGLAS	29299	29179
>PDGFRA-R8 LARDIMHDSN'	292	>PDGFRA-R8 LASDIMHDSN'	137	155
>PDGFRA-R8 LARDIMHDSN'	146	>PDGFRA-R8 LASDIMHDSN'	59	87
>PDGFRA-R8 LARDIMHDSN'	202	>PDGFRA-R8 LASDIMHDSN'	383	181
>PDGFRA-R8 LARDIMHDSN'	258	>PDGFRA-R8 LASDIMHDSN'	838	580
>PDGFRA-R8 LARDIMHDSN'	6	>PDGFRA-R8 LASDIMHDSN'	16	10
>PDGFRA-R8 LARDIMHDSN'	104	>PDGFRA-R8 LASDIMHDSN'	29	75
>PDGFRA-R8 LARDIMHDSN'	3178	>PDGFRA-R8 LASDIMHDSN'	310	2868
>PDGFRA-R8 LARDIMHDSN'	53	>PDGFRA-R8 LASDIMHDSN'	143	90
>PDGFRA-R8 GLARDIMHDSN'	480	>PDGFRA-R8 GLASDIMHDSN'	436	44
>PDGFRA-R8 FGLARDIMHDSN'	608	>PDGFRA-R8 FGLASDIMHDSN'	95	513
>PDGFRA-R8 CDFGLARDI	1604	>PDGFRA-R8 CDFGLASDI	304	1300
>PDGFRA-R8 CDFGLARDI	84	>PDGFRA-R8 CDFGLASDI	47	37
>PDGFRA-R8 CDFGLARDIM	1083	>PDGFRA-R8 CDFGLASDIM	453	630
>PDGFRA-R8 ICDFGLARDIM	428	>PDGFRA-R8 ICDFGLASDIM	328	100
>PDGFRA-R8 KICDFGLAR	53	>PDGFRA-R8 KICDFGLAS	9246	9193
>PDGFRA-R8 KICDFGLAR	30	>PDGFRA-R8 KICDFGLAS	12457	12427
>PDGFRA-R8 KICDFGLARD	109	>PDGFRA-R8 KICDFGLASDI	154	45
>PDGFRA-R8 KICDFGLAR	14	>PDGFRA-R8 KICDFGLAS	7783	7769
>PDGFRA-R8 VKICDFGLAR	155	>PDGFRA-R8 VKICDFGLAS	709	554
>PDGFRA-S4' HSRDRSTV	9	>PDGFRA-S4' HPRDRSTV	8747	8738
>PDGFRA-S4' HSRDRSTVEC	24	>PDGFRA-S4' HPRDRSTVEC	12369	12345
>PDGFRA-S4' HSRDRSTVEC	110	>PDGFRA-S4' HPRDRSTVEC	15162	15052
>PDGFRA-S4' HSRDRSTVEC	47	>PDGFRA-S4' HPRDRSTVEC	4245	4198
>PDGFRA-S4' HSRDRSTVEC	133	>PDGFRA-S4' HPRDRSTVEC	791	658
>PDGFRA-S4' HSRDRSTVEC	132	>PDGFRA-S4' HPRDRSTVEC	2833	2701
>PDGFRA-S4' HSRDRSTV	3830	>PDGFRA-S4' HPRDRSTV	8	3822
>PDGFRA-S4' HSRDRSTVE	19031	>PDGFRA-S4' HPRDRSTVE	47	18984
>PDGFRA-S4' HSRDRSTV	3324	>PDGFRA-S4' HPRDRSTV	249	3075
>PDGFRA-S4' HSRDRSTV	44	>PDGFRA-S4' HPRDRSTV	20513	20469
>PDGFRA-S4' IHSRDRSTV	319	>PDGFRA-S4' IHSRDRSTV	1917	1598

>PDGFRA-S4' EIHSRDRSTV	265	>PDGFRA-S4' EIHPRDRSTV	108	157
>PDGFRA-S4' TEIHSRDRSTV	116	>PDGFRA-S4' TEIHPRDRSTV	966	850
>PDGFRA-S4' TEIHSRDRSTV	295	>PDGFRA-S4' TEIHPRDRSTV	375	80
>PDGFRA-S4' TEIHSRDRSTV	55	>PDGFRA-S4' TEIHPRDRSTV	65	10
>PDGFRA-S4' ITEIHSRDR	622	>PDGFRA-S4' ITEIHRDR	305	317
>PDGFRA-S4' IITEIHSR	96	>PDGFRA-S4' IITEIHR	37	59
>PDGFRA-S4' IITEIHSR	75	>PDGFRA-S4' IITEIHR	64	11
>PDGFRA-S4' IITEIHSR	16	>PDGFRA-S4' IITEIHR	20	4
>PDGFRA-S4' IITEIHSR	134	>PDGFRA-S4' IITEIHR	45	89
>PDGFRA-S4' NIITEIHSR	1849	>PDGFRA-S4' NIITEIHR	439	1410
>PDGFRA-S4' NIITEIHSR	337	>PDGFRA-S4' NIITEIHR	215	122
>PDGFRA-S4' NIITEIHSR	12	>PDGFRA-S4' NIITEIHR	13	1
>PDGFRA-S4' NIITEIHSRDR	100	>PDGFRA-S4' NIITEIHRDR	140	40
>PDGFRA-S4' NIITEIHSR	59	>PDGFRA-S4' NIITEIHR	19	40
>PDGFRA-S4' NIITEIHSRDR	501	>PDGFRA-S4' NIITEIHRDR	387	114
>PDGFRA-S4' SNIITEIHSR	634	>PDGFRA-S4' SNIITEIHR	181	453
>PDGFRA-S4' VSNIITEIHSR	581	>PDGFRA-S4' VSNIITEIHR	223	358
>PDGFRA-S4' VSNIITEIHSR	37	>PDGFRA-S4' VSNIITEIHR	18	19
>PDGFRA-S4' VSNIITEIHSR	91	>PDGFRA-S4' VSNIITEIHR	91	0
>PDGFRA-S8' SKGSTFLPV	30	>PDGFRA-S8' WKGSTFLPV	16	14
>PDGFRA-S8' SKGSTFLPVK	805	>PDGFRA-S8' WKGSTFLPVK	439	366
>PDGFRA-S8' SKGSTFLPVK	456	>PDGFRA-S8' WKGSTFLPVK	201	255
>PDGFRA-S8' VSKGSTFLPV	314	>PDGFRA-S8' VWKGSTFLPV	12766	12452
>PDGFRA-S8' VSKGSTFLPV	63	>PDGFRA-S8' VWKGSTFLPV	8859	8796
>PDGFRA-S8' VSKGSTFL	406	>PDGFRA-S8' VWKGSTFL	3037	2631
>PDGFRA-S8' VSKGSTFLPV	64	>PDGFRA-S8' VWKGSTFLPV	738	674
>PDGFRA-S8' VSKGSTFLPV	8	>PDGFRA-S8' VWKGSTFLPV	67	59
>PDGFRA-S8' VSKGSTFL	11	>PDGFRA-S8' VWKGSTFL	24315	24304
>PDGFRA-S8' VSKGSTFLPV	170	>PDGFRA-S8' VWKGSTFLPV	26308	26138
>PDGFRA-S8' VSKGSTFL	366	>PDGFRA-S8' VWKGSTFL	16696	16330
>PDGFRA-S8' VSKGSTFLPV	439	>PDGFRA-S8' VWKGSTFLPV	16165	15726
>PDGFRA-S8' VSKGSTFLPV	16626	>PDGFRA-S8' VWKGSTFLPV	290	16336
>PDGFRA-S8' VSKGSTFL	30084	>PDGFRA-S8' VWKGSTFL	121	29963
>PDGFRA-S8' VSKGSTFLPV	24864	>PDGFRA-S8' VWKGSTFLPV	92	24772
>PDGFRA-S8' YVSKGSTFL	4039	>PDGFRA-S8' YVWKGSTFL	409	3630
>PDGFRA-S8' YVSKGSTFL	131	>PDGFRA-S8' YVWKGSTFL	14	117
>PDGFRA-S8' YVSKGSTFLPV	28	>PDGFRA-S8' YVWKGSTFLPV	8	20
>PDGFRA-S8' YVSKGSTFL	10	>PDGFRA-S8' YVWKGSTFL	27	17
>PDGFRA-S8' YVSKGSTFLPV	28	>PDGFRA-S8' YVWKGSTFLPV	85	57
>PDGFRA-S8' YVSKGSTFL	22	>PDGFRA-S8' YVWKGSTFL	141	119
>PDGFRA-S8' YVSKGSTFLPV	5	>PDGFRA-S8' YVWKGSTFLPV	17	12
>PDGFRA-S8' YVSKGSTFL	10	>PDGFRA-S8' YVWKGSTFL	6	4
>PDGFRA-S8' YVSKGSTFLPV	4	>PDGFRA-S8' YVWKGSTFLPV	4	0

>PDGFRA-S8:YVSKGSTFL	415	>PDGFRA-S8:YVWKGSTFL	16	399
>PDGFRA-S8:YVSKGSTFLP\	22	>PDGFRA-S8:YVWKGSTFLF	3	19
>PDGFRA-S8:YVSKGSTFL	764	>PDGFRA-S8:YVWKGSTFL	47	717
>PDGFRA-S8:YVSKGSTFLP\	43	>PDGFRA-S8:YVWKGSTFLF	7	36
>PDGFRA-S8:YVSKGSTFL	52	>PDGFRA-S8:YVWKGSTFL	9	43
>PDGFRA-S8:YVSKGSTFLP\	15	>PDGFRA-S8:YVWKGSTFLF	5	10
>PDGFRA-S8:YVSKGSTFL	196	>PDGFRA-S8:YVWKGSTFL	12	184
>PDGFRA-S8:YVSKGSTFLP\	44	>PDGFRA-S8:YVWKGSTFLF	6	38
>PDGFRA-S8:YVSKGSTFL	19	>PDGFRA-S8:YVWKGSTFL	9	10
>PDGFRA-S8:YVSKGSTFLP\	4	>PDGFRA-S8:YVWKGSTFLF	3	1
>PDGFRA-S8:YVSKGSTF	2730	>PDGFRA-S8:YVWKGSTF	242	2488
>PDGFRA-S8:YVSKGSTF	371	>PDGFRA-S8:YVWKGSTF	293	78
>PDGFRA-S8:YVSKGSTF	1174	>PDGFRA-S8:YVWKGSTF	118	1056
>PDGFRA-S8:YVSKGSTFLP\	2463	>PDGFRA-S8:YVWKGSTFLF	398	2065
>PDGFRA-S8:YVSKGSTF	2651	>PDGFRA-S8:YVWKGSTF	181	2470
>PDGFRA-S8:YVSKGSTFL	77	>PDGFRA-S8:YVWKGSTFL	124	47
>PDGFRA-S8:YVSKGSTFLP\	18	>PDGFRA-S8:YVWKGSTFLF	24	6
>PDGFRA-S8:YVSKGSTFL	273	>PDGFRA-S8:YVWKGSTFL	23	250
>PDGFRA-S8:YVSKGSTFLP\	11	>PDGFRA-S8:YVWKGSTFLF	4	7
>PDGFRA-S8:YVSKGSTFLP\	870	>PDGFRA-S8:YVWKGSTFLF	456	414
>PDGFRA-S8:YVSKGSTF	42	>PDGFRA-S8:YVWKGSTF	56	14
>PDGFRA-S8:YVSKGSTFLP\	287	>PDGFRA-S8:YVWKGSTFLF	532	245
>PDGFRA-S8:YVSKGSTF	72	>PDGFRA-S8:YVWKGSTF	37	35
>PDGFRA-S8:YVSKGSTF	33	>PDGFRA-S8:YVWKGSTF	12	21
>PDGFRA-S8:YVSKGSTFL	2403	>PDGFRA-S8:YVWKGSTFL	498	1905
>PDGFRA-S8:YVSKGSTFLP\	922	>PDGFRA-S8:YVWKGSTFLF	184	738
>PDGFRA-S8:YVSKGSTF	15	>PDGFRA-S8:YVWKGSTF	8	7
>PDGFRA-S8:YVSKGSTFL	577	>PDGFRA-S8:YVWKGSTFL	87	490
>PDGFRA-S8:YVSKGSTF	43	>PDGFRA-S8:YVWKGSTF	18	25
>PDGFRA-S8:YVSKGSTFL	2230	>PDGFRA-S8:YVWKGSTFL	470	1760
>PDGFRA-S8:YVSKGSTF	194	>PDGFRA-S8:YVWKGSTF	534	340
>PDGFRA-S8:YVSKGSTFL	49	>PDGFRA-S8:YVWKGSTFL	78	29
>PDGFRA-S8:YVSKGSTF	79	>PDGFRA-S8:YVWKGSTF	200	121
>PDGFRA-S8:NYVSKGSTF	354	>PDGFRA-S8:NYVWKGSTF	1398	1044
>PDGFRA-S8:NYVSKGSTFL	20	>PDGFRA-S8:NYVWKGSTFL	46	26
>PDGFRA-S8:NYVSKGSTF	72	>PDGFRA-S8:NYVWKGSTF	96	24
>PDGFRA-S8:NYVSKGSTFL	403	>PDGFRA-S8:NYVWKGSTFL	516	113
>PDGFRA-S8:NYVSKGSTF	150	>PDGFRA-S8:NYVWKGSTF	92	58
>PDGFRA-S8:NYVSKGSTF	17	>PDGFRA-S8:NYVWKGSTF	16	1
>PDGFRA-S8:NYVSKGSTFL	71	>PDGFRA-S8:NYVWKGSTFL	60	11
>PDGFRA-S8:NYVSKGSTF	330	>PDGFRA-S8:NYVWKGSTF	956	626
>PDGFRA-S8:NYVSKGSTFL	374	>PDGFRA-S8:NYVWKGSTFL	169	205
>PDGFRA-S8:SNYVSKGSTF	275	>PDGFRA-S8:SNYVWKGSTF	78	197

>PDGFRA-S8!SNYVSKGSTF	488	>PDGFRA-S8!SNYVWKGST	452	36
>PDGFRA-S8!SNYVSKGSTF	431	>PDGFRA-S8!SNYVWKGST	569	138
>PDGFRA-S8!SNYVSKGSTF	144	>PDGFRA-S8!SNYVWKGST	465	321
>PDGFRA-S8!SNYVSKGSTF	40	>PDGFRA-S8!SNYVWKGST	137	97
>PDGFRA-S8!DSNYVSKGST	465	>PDGFRA-S8!DSNYVWKGS	730	265
>PDGFRA-S8!DSNYVSKGST	193	>PDGFRA-S8!DSNYVWKGS	366	173
>PDGFRA-S8!DSNYVSKGST	92	>PDGFRA-S8!DSNYVWKGS	129	37
>PDGFRA-S8!MHDSNYVS	2112	>PDGFRA-S8!MHDSNYVW	366	1746
>PDGFRA-S8!MHDSNYVS	33422	>PDGFRA-S8!MHDSNYVW	253	33169
>PDGFRA-S8!MHDSNYVS	33799	>PDGFRA-S8!MHDSNYVW	344	33455
>PDGFRA-S8!MHDSNYVS	16755	>PDGFRA-S8!MHDSNYVW	18	16737
>PDGFRA-S8!IMHDSNYVS	324	>PDGFRA-S8!IMHDSNYVW	3405	3081
>PDGFRA-S8!IMHDSNYVS†	542	>PDGFRA-S8!IMHDSNYVW	97	445
>PDGFRA-S8!IMHDSNYVS†	399	>PDGFRA-S8!IMHDSNYVW	281	118
>PDGFRA-S8!IMHDSNYVS†	2479	>PDGFRA-S8!IMHDSNYVW	443	2036
>PDGFRA-S8!IMHDSNYVS†	35	>PDGFRA-S8!IMHDSNYVW	26	9
>PDGFRA-S8!IMHDSNYVS†	80	>PDGFRA-S8!IMHDSNYVW	58	22
>PDGFRA-S8!IMHDSNYVS†	15	>PDGFRA-S8!IMHDSNYVW	33	18
>PDGFRA-S8!IMHDSNYVS	16380	>PDGFRA-S8!IMHDSNYVW	313	16067
>PDGFRA-S8!IMHDSNYVS†	893	>PDGFRA-S8!IMHDSNYVW	239	654
>PDGFRA-S8!IMHDSNYVS	1918	>PDGFRA-S8!IMHDSNYVW	130	1788
>PDGFRA-S8!IMHDSNYVS	1028	>PDGFRA-S8!IMHDSNYVW	65	963
>PDGFRA-S8!IMHDSNYVS†	89	>PDGFRA-S8!IMHDSNYVW	600	511
>PDGFRA-S8!IMHDSNYVS	17611	>PDGFRA-S8!IMHDSNYVW	25	17586
>PDGFRA-S8!IMHDSNYVS	24026	>PDGFRA-S8!IMHDSNYVW	142	23884
>PDGFRA-S8!IMHDSNYVS	21225	>PDGFRA-S8!IMHDSNYVW	26	21199
>PDGFRA-S8!IMHDSNYVS	31618	>PDGFRA-S8!IMHDSNYVW	86	31532
>PDGFRA-S8!IMHDSNYVS†	554	>PDGFRA-S8!IMHDSNYVW	230	324
>PDGFRA-S8!DIMHDSNYV'	43	>PDGFRA-S8!DIMHDSNYV'	25	18
>PDGFRA-T6' TEYCFYGD	121	>PDGFRA-T6' IEYCFYGD	62	59
>PDGFRA-T6' TEYCFYGD	42	>PDGFRA-T6' IEYCFYGD	34	8
>PDGFRA-T6' TEYCFYGD	13	>PDGFRA-T6' IEYCFYGD	13	0
>PDGFRA-T6' TEYCFYGD	1787	>PDGFRA-T6' IEYCFYGD	356	1431
>PDGFRA-T6' TEYCFYGD	408	>PDGFRA-T6' IEYCFYGD	262	146
>PDGFRA-T6' TEYCFYGD	388	>PDGFRA-T6' IEYCFYGD	242	146
>PDGFRA-T6' TEYCFYGD	26	>PDGFRA-T6' IEYCFYGD	16	10
>PDGFRA-T6' TEYCFYGD	260	>PDGFRA-T6' IEYCFYGD	169	91
>PDGFRA-T6' TEYCFYGD	198	>PDGFRA-T6' IEYCFYGD	430	232
>PDGFRA-T6' TEYCFYGD	370	>PDGFRA-T6' IEYCFYGD	560	190
>PDGFRA-T6' TEYCFYGD	146	>PDGFRA-T6' IEYCFYGD	162	16
>PDGFRA-T6' TEYCFYGD	421	>PDGFRA-T6' IEYCFYGD	454	33
>PDGFRA-T6' TEYCFYGD	32	>PDGFRA-T6' IEYCFYGD	18	14
>PDGFRA-T6' TEYCFYGD	35	>PDGFRA-T6' IEYCFYGD	43	8

>PDGFRA-T6' ITEYCFYGDV	293	>PDGFRA-T6' IIEYCFYGDV	63	230
>PDGFRA-T6' ITEYCFYGDV	296	>PDGFRA-T6' IIEYCFYGDV	117	179
>PDGFRA-T6' ITEYCFYGDV	7396	>PDGFRA-T6' IIEYCFYGDV	319	7077
>PDGFRA-T6' ITEYCFYGDV	189	>PDGFRA-T6' IIEYCFYGDV	843	654
>PDGFRA-T6' ITEYCFYGDV	369	>PDGFRA-T6' IIEYCFYGDV	11508	11139
>PDGFRA-T6' ITEYCFYGDV	195	>PDGFRA-T6' IIEYCFYGDV	8614	8419
>PDGFRA-T6' ITEYCFYGDV	59	>PDGFRA-T6' IIEYCFYGDV	2767	2708
>PDGFRA-T6' CTKSGPIYIIT	1119	>PDGFRA-T6' CTKSGPIYIII	39	1080
>PDGFRA-T6' CTKSGPIYIIT	20126	>PDGFRA-T6' CTKSGPIYIII	17	20109
>PDGFRA-T6' IITEYCFY	4610	>PDGFRA-T6' IIIEYCFY	468	4142
>PDGFRA-T6' IITEYCFYGDV	279	>PDGFRA-T6' IIIEYCFYGDV	64	215
>PDGFRA-T6' IITEYCFYGDV	956	>PDGFRA-T6' IIIEYCFYGDV	346	610
>PDGFRA-T6' IITEYCFYGDV	864	>PDGFRA-T6' IIIEYCFYGDV	305	559
>PDGFRA-T6' IITEYCFYGDV	380	>PDGFRA-T6' IIIEYCFYGDV	184	196
>PDGFRA-T6' IITEYCFYGDV	788	>PDGFRA-T6' IIIEYCFYGDV	124	664
>PDGFRA-T6' IITEYCFYGDV	276	>PDGFRA-T6' IIIEYCFYGDV	60	216
>PDGFRA-T6' IITEYCFYGDV	654	>PDGFRA-T6' IIIEYCFYGDV	206	448
>PDGFRA-T6' IITEYCFYGDV	967	>PDGFRA-T6' IIIEYCFYGDV	349	618
>PDGFRA-T6' IITEYCFYGDV	193	>PDGFRA-T6' IIIEYCFYGDV	257	64
>PDGFRA-T6' IITEYCFY	1237	>PDGFRA-T6' IIIEYCFY	352	885
>PDGFRA-T6' IITEYCFY	1433	>PDGFRA-T6' IIIEYCFY	64	1369
>PDGFRA-T6' IITEYCFY	83	>PDGFRA-T6' IIIEYCFY	26	57
>PDGFRA-T6' IITEYCFY	144	>PDGFRA-T6' IIIEYCFY	119	25
>PDGFRA-T6' IITEYCFY	817	>PDGFRA-T6' IIIEYCFY	297	520
>PDGFRA-T6' IITEYCFY	246	>PDGFRA-T6' IIIEYCFY	184	62
>PDGFRA-T6' IITEYCFY	2144	>PDGFRA-T6' IIIEYCFY	156	1988
>PDGFRA-T6' IITEYCFY	1253	>PDGFRA-T6' IIIEYCFY	373	880
>PDGFRA-T6' IITEYCFY	1669	>PDGFRA-T6' IIIEYCFY	482	1187
>PDGFRA-T6' IITEYCFY	1024	>PDGFRA-T6' IIIEYCFY	377	647
>PDGFRA-T6' YIITEYCFY	414	>PDGFRA-T6' YIIIEYCFY	308	106
>PDGFRA-T6' YIITEYCFY	433	>PDGFRA-T6' YIIIEYCFY	367	66
>PDGFRA-T6' YIITEYCF	271	>PDGFRA-T6' YIIIEYCF	201	70
>PDGFRA-T6' YIITEYCFY	644	>PDGFRA-T6' YIIIEYCFY	409	235
>PDGFRA-T6' YIITEYCFY	13	>PDGFRA-T6' YIIIEYCFY	21	8
>PDGFRA-T6' YIITEYCF	28	>PDGFRA-T6' YIIIEYCF	137	109
>PDGFRA-T6' YIITEYCFY	7	>PDGFRA-T6' YIIIEYCFY	38	31
>PDGFRA-T6' YIITEYCFY	23	>PDGFRA-T6' YIIIEYCFY	19	4
>PDGFRA-T6' YIITEYCFY	212	>PDGFRA-T6' YIIIEYCFY	305	93
>PDGFRA-T6' YIITEYCFY	159	>PDGFRA-T6' YIIIEYCFY	207	48
>PDGFRA-T6' YIITEYCF	273	>PDGFRA-T6' YIIIEYCF	344	71
>PDGFRA-T6' YIITEYCFY	104	>PDGFRA-T6' YIIIEYCFY	115	11
>PDGFRA-T6' YIITEYCF	40	>PDGFRA-T6' YIIIEYCF	140	100
>PDGFRA-T6' YIITEYCFY	103	>PDGFRA-T6' YIIIEYCFY	351	248



>PDGFRA-T6' YIITEYCFY	1665	>PDGFRA-T6' YIIIEYCFY	400	1265
>PDGFRA-T6' YIITEYCF	288	>PDGFRA-T6' YIIIEYCF	362	74
>PDGFRA-T6' IYIITEYCFY	421	>PDGFRA-T6' IYIIIEYCFY	856	435
>PDGFRA-T6' IYIITEYCF	13	>PDGFRA-T6' IYIIIEYCF	11	2
>PDGFRA-T6' IYIITEYCF	34	>PDGFRA-T6' IYIIIEYCF	23	11
>PDGFRA-T6' IYIITEYCF	60	>PDGFRA-T6' IYIIIEYCF	58	2
>PDGFRA-T6' IYIITEYCFY	14	>PDGFRA-T6' IYIIIEYCFY	15	1
>PDGFRA-T6' IYIITEYCFY	12	>PDGFRA-T6' IYIIIEYCFY	12	0
>PDGFRA-T6' IYIITEYCFY	402	>PDGFRA-T6' IYIIIEYCFY	157	245
>PDGFRA-T6' IYIITEYCF	408	>PDGFRA-T6' IYIIIEYCF	1115	707
>PDGFRA-T6' PIYIITEYC	1030	>PDGFRA-T6' PIYIIIEYC	216	814
>PDGFRA-T6' PIYIITEY	84	>PDGFRA-T6' PIYIIIEY	89	5
>PDGFRA-T6' PIYIITEYCFY	60	>PDGFRA-T6' PIYIIIEYCFY	84	24
>PDGFRA-T6' PIYIITEYCFY	447	>PDGFRA-T6' PIYIIIEYCFY	478	31
>PDGFRA-T6' GPIYIITEY	580	>PDGFRA-T6' GPIYIIIEY	298	282
>PDGFRA-T6' GPIYIITEY	29	>PDGFRA-T6' GPIYIIIEY	21	8
>PDGFRA-T6' GPIYIITEYCF	79	>PDGFRA-T6' GPIYIIIEYCF	57	22
>PDGFRA-T6' GPIYIITEY	90	>PDGFRA-T6' GPIYIIIEY	89	1
>PDGFRA-T6' GPIYIITEYCF	133	>PDGFRA-T6' GPIYIIIEYCF	149	16
>PDGFRA-T6' GPIYIITEY	274	>PDGFRA-T6' GPIYIIIEY	1785	1511
>PDGFRA-T6' GPIYIITEY	15	>PDGFRA-T6' GPIYIIIEY	15	0
>PDGFRA-T6' GPIYIITEYCF	391	>PDGFRA-T6' GPIYIIIEYCF	310	81
>PDGFRA-T6' GPIYIITEY	121	>PDGFRA-T6' GPIYIIIEY	54	67
>PDGFRA-T6' GPIYIITEYCF	128	>PDGFRA-T6' GPIYIIIEYCF	84	44
>PDGFRA-T6' SGPIYIIT	3608	>PDGFRA-T6' SGPIYIII	328	3280
>PDGFRA-T6' SGPIYIITEY	309	>PDGFRA-T6' SGPIYIIIEY	369	60
>PDGFRA-T6' SGPIYIITEY	400	>PDGFRA-T6' SGPIYIIIEY	685	285
>PDGFRA-T6' SGPIYIITEYC	283	>PDGFRA-T6' SGPIYIIIEYC	114	169
>PDGFRA-T6' SGPIYIITEY	269	>PDGFRA-T6' SGPIYIIIEY	164	105
>PDGFRA-T6' KSGPIYIITEY	862	>PDGFRA-T6' KSGPIYIIIEY	322	540
>PDGFRA-T6' KSGPIYIITEY	382	>PDGFRA-T6' KSGPIYIIIEY	249	133
>PDGFRA-T6' KSGPIYIIT	3434	>PDGFRA-T6' KSGPIYIII	183	3251
>PDGFRA-T6' KSGPIYIITEY	53	>PDGFRA-T6' KSGPIYIIIEY	56	3
>PDGFRA-T6' KSGPIYIIT	11883	>PDGFRA-T6' KSGPIYIII	284	11599
>PDGFRA-T6' KSGPIYIITEY	85	>PDGFRA-T6' KSGPIYIIIEY	59	26
>PDGFRA-T6' KSGPIYIITEY	292	>PDGFRA-T6' KSGPIYIIIEY	421	129
>PDGFRA-T6' KSGPIYIITEY	15	>PDGFRA-T6' KSGPIYIIIEY	16	1
>PDGFRA-T6' KSGPIYIITEY	357	>PDGFRA-T6' KSGPIYIIIEY	349	8
>PDGFRA-T6' KSGPIYIIT	9854	>PDGFRA-T6' KSGPIYIII	34	9820
>PDGFRA-T6' KSGPIYIITEY	32	>PDGFRA-T6' KSGPIYIIIEY	35	3
>PDGFRA-T6' KSGPIYIIT	9679	>PDGFRA-T6' KSGPIYIII	375	9304
>PDGFRA-T6' KSGPIYIITEY	53	>PDGFRA-T6' KSGPIYIIIEY	196	143
>PDGFRA-T6' KSGPIYIIT	16401	>PDGFRA-T6' KSGPIYIII	12	16389

>PDGFRA-V1 VKGKKFQTI	343	>PDGFRA-V1 IKGKKFQTI	130	213
>PDGFRA-V1 VKGKKFQTIP	9	>PDGFRA-V1 IKGKKFQTIPF	5	4
>PDGFRA-V1 TVKGKKFQTI	436	>PDGFRA-V1 TIKGKKFQTI	1366	930
>PDGFRA-V1 TVGPYICEAT	456	>PDGFRA-V1 TVGPYICEATI	2363	1907
>PDGFRA-V1 TVGPYICEAT	432	>PDGFRA-V1 TVGPYICEATI	1928	1496
>PDGFRA-V1 TVGPYICEAT	326	>PDGFRA-V1 TVGPYICEATI	1725	1399
>PDGFRA-V1 TVGPYICEAT	119	>PDGFRA-V1 TVGPYICEATI	738	619
>PDGFRA-V1 TVGPYICEAT	77	>PDGFRA-V1 TVGPYICEATI	736	659
>PDGFRA-V1 TVGPYICEAT	285	>PDGFRA-V1 TVGPYICEATI	2741	2456
>PDGFRA-V1 TVGPYICEAT	222	>PDGFRA-V1 TVGPYICEATI	4423	4201
>PDGFRA-V1 TVGPYICEAT	255	>PDGFRA-V1 TVGPYICEATI	4106	3851
>PDGFRA-V1 TVGPYICEAT	9	>PDGFRA-V1 TVGPYICEATI	551	542
>PDGFRA-V1 TVGPYICEAT	51	>PDGFRA-V1 TVGPYICEATI	261	210
>PDGFRA-V1 TVGPYICEAT	193	>PDGFRA-V1 TVGPYICEATI	1027	834
>PDGFRA-V1 ATVKGKKF	117	>PDGFRA-V1 ATIKGKKF	48	69
>PDGFRA-V1 ATVKGKKFQ	524	>PDGFRA-V1 ATIKGKKFQ	253	271
>PDGFRA-V1 ATVKGKKF	297	>PDGFRA-V1 ATIKGKKF	211	86
>PDGFRA-V1 ATVKGKKF	4	>PDGFRA-V1 ATIKGKKF	4	0
>PDGFRA-V1 ATVKGKKFQ	66	>PDGFRA-V1 ATIKGKKFQ	66	0
>PDGFRA-V1 ATVKGKKF	88	>PDGFRA-V1 ATIKGKKF	123	35
>PDGFRA-V1 ATVKGKKFQ	286	>PDGFRA-V1 ATIKGKKFQ	421	135
>PDGFRA-V1 ATVKGKKFQ	79	>PDGFRA-V1 ATIKGKKFQ	53	26
>PDGFRA-V1 EATVKGKK	110	>PDGFRA-V1 EATIKGKK	116	6
>PDGFRA-V1 EATVKGKKF	155	>PDGFRA-V1 EATIKGKKF	84	71
>PDGFRA-V1 YICEATVKGK	474	>PDGFRA-V1 YICEATIKGK	362	112
>PDGFRA-V1 YICEATVK	229	>PDGFRA-V1 YICEATIK	207	22
>PDGFRA-V1 YICEATVKGK	405	>PDGFRA-V1 YICEATIKGK	322	83
>PDGFRA-V1 YICEATVKGKI	249	>PDGFRA-V1 YICEATIKGKK	229	20
>PDGFRA-V1 YICEATVK	77	>PDGFRA-V1 YICEATIK	85	8
>PDGFRA-V1 YICEATVKGKI	73	>PDGFRA-V1 YICEATIKGKK	80	7
>PDGFRA-V1 PYICEATV	3928	>PDGFRA-V1 PYICEATI	344	3584
>PDGFRA-V1 PYICEATV	715	>PDGFRA-V1 PYICEATI	55	660
>PDGFRA-V1 PYICEATV	1854	>PDGFRA-V1 PYICEATI	216	1638
>PDGFRA-V1 PYICEATV	2246	>PDGFRA-V1 PYICEATI	143	2103
>PDGFRA-V1 GPYICEATV	792	>PDGFRA-V1 GPYICEATI	92	700
>PDGFRA-V1 GPYICEATV	51	>PDGFRA-V1 GPYICEATI	238	187
>PDGFRA-V1 VGPYICEATV	70	>PDGFRA-V1 VGPYICEATI	40	30
>PDGFRA-V4 VSNIITEIHSR	581	>PDGFRA-V4 ASNIITEIHSR	216	365
>PDGFRA-V4 VSNIITEIHSR	37	>PDGFRA-V4 ASNIITEIHSR	26	11
>PDGFRA-V4 VSNIITEI	774	>PDGFRA-V4 ASNIITEI	185	589
>PDGFRA-V4 VSNIITEIHSR	91	>PDGFRA-V4 ASNIITEIHSR	101	10
>PDGFRA-V4 VSNIITEI	304	>PDGFRA-V4 ASNIITEI	345	41
>PDGFRA-V4 VSNIITEI	435	>PDGFRA-V4 ASNIITEI	2716	2281

>PDGFRA-V4 VSNIITEIHSR	1673	>PDGFRA-V4 ASNIITEIHSR	262	1411
>PDGFRA-V4 VSNIITEI	142	>PDGFRA-V4 ASNIITEI	99	43
>PDGFRA-V4 NVSNIITEI	35	>PDGFRA-V4 NASNIITEI	229	194
>PDGFRA-V4 NVSNIITEI	42	>PDGFRA-V4 NASNIITEI	435	393
>PDGFRA-V4 NVSNIITEI	162	>PDGFRA-V4 NASNIITEI	933	771
>PDGFRA-V4 NVSNIITEI	6	>PDGFRA-V4 NASNIITEI	11	5
>PDGFRA-V4 NVSNIITEI	413	>PDGFRA-V4 NASNIITEI	1128	715
>PDGFRA-V4 ETSWTILANN	7	>PDGFRA-V4 ETSWTILANN	26	19
>PDGFRA-V4 ETSWTILANN	5	>PDGFRA-V4 ETSWTILANN	41	36
>PDGFRA-V4 LANNVSNII	395	>PDGFRA-V4 LANNASNII	1971	1576
>PDGFRA-V4 LANNVSNII	161	>PDGFRA-V4 LANNASNI	149	12
>PDGFRA-V4 LANNVSNII	148	>PDGFRA-V4 LANNASNII	143	5
>PDGFRA-V4 ILANNVSNII	102	>PDGFRA-V4 ILANNASNI	726	624
>PDGFRA-V4 ILANNVSNII	9	>PDGFRA-V4 ILANNASNI	32	23
>PDGFRA-V4 ILANNVSNII	60	>PDGFRA-V4 ILANNASNII	69	9
>PDGFRA-V4 ILANNVSNII	3	>PDGFRA-V4 ILANNASNI	10	7
>PDGFRA-V4 ILANNVSNII	73	>PDGFRA-V4 ILANNASNII	110	37
>PDGFRA-V4 ILANNVSNIIIT	208	>PDGFRA-V4 ILANNASNIIIT	442	234
>PDGFRA-V4 ILANNVSNII	494	>PDGFRA-V4 ILANNASNI	972	478
>PDGFRA-V4 ILANNVSNII	6	>PDGFRA-V4 ILANNASNI	20	14
>PDGFRA-V4 ILANNVSNII	24	>PDGFRA-V4 ILANNASNII	97	73
>PDGFRA-V4 ILANNVSNII	9	>PDGFRA-V4 ILANNASNI	17	8
>PDGFRA-V4 ILANNVSNII	15	>PDGFRA-V4 ILANNASNII	22	7
>PDGFRA-V4 ILANNVSNII	21	>PDGFRA-V4 ILANNASNI	84	63
>PDGFRA-V4 ILANNVSNII	45	>PDGFRA-V4 ILANNASNII	112	67
>PDGFRA-V4 ILANNVSNII	6	>PDGFRA-V4 ILANNASNI	23	17
>PDGFRA-V4 ILANNVSNII	34	>PDGFRA-V4 ILANNASNII	59	25
>PDGFRA-V4 ILANNVSNII	5	>PDGFRA-V4 ILANNASNI	8	3
>PDGFRA-V4 ILANNVSNII	18	>PDGFRA-V4 ILANNASNII	22	4
>PDGFRA-V4 ILANNVSNIIIT	116	>PDGFRA-V4 ILANNASNIIIT	153	37
>PDGFRA-V4 ILANNVSNII	158	>PDGFRA-V4 ILANNASNI	305	147
>PDGFRA-V4 ILANNVSNII	301	>PDGFRA-V4 ILANNASNII	326	25
>PDGFRA-V4 TILANNVSNII	67	>PDGFRA-V4 TILANNASNI	154	87
>PDGFRA-V4 TILANNVSNII	235	>PDGFRA-V4 TILANNASNI	531	296
>PDGFRA-V4 TILANNVSNII	255	>PDGFRA-V4 TILANNASNII	703	448
>PDGFRA-V4 TILANNVSNII	61	>PDGFRA-V4 TILANNASNI	41	20
>PDGFRA-V4 TILANNVSNII	245	>PDGFRA-V4 TILANNASNII	178	67
>PDGFRA-V4 WTILANNV	429	>PDGFRA-V4 WTILANNA	2906	2477
>PDGFRA-V4 WTILANNV	415	>PDGFRA-V4 WTILANNA	2699	2284
>PDGFRA-V4 WTILANNV	88	>PDGFRA-V4 WTILANNA	1291	1203
>PDGFRA-V4 WTILANNVSP	498	>PDGFRA-V4 WTILANNASPI	1612	1114
>PDGFRA-V4 WTILANNV	8	>PDGFRA-V4 WTILANNA	32	24
>PDGFRA-V4 WTILANNVS	1125	>PDGFRA-V4 WTILANNAS	386	739

>PDGFRA-V4 WTILANNVSM	17	>PDGFRA-V4 WTILANNAST	20	3
>PDGFRA-V4 WTILANNV	23	>PDGFRA-V4 WTILANNA	741	718
>PDGFRA-V4 WTILANNVSM	191	>PDGFRA-V4 WTILANNAST	120	71
>PDGFRA-V4 WTILANNVSM	78	>PDGFRA-V4 WTILANNAST	66	12
>PDGFRA-V4 WTILANNV	452	>PDGFRA-V4 WTILANNA	2538	2086
>PDGFRA-V4 WTILANNVSM	446	>PDGFRA-V4 WTILANNAST	648	202
>PDGFRA-V4 WTILANNVSM	135	>PDGFRA-V4 WTILANNAST	107	28
>PDGFRA-V4 WTILANNVSM	145	>PDGFRA-V4 WTILANNAST	132	13
>PDGFRA-V4 SWTILANNV	114	>PDGFRA-V4 SWTILANNA	125	11
>PDGFRA-V4 SWTILANNVS	265	>PDGFRA-V4 SWTILANNAS	342	77
>PDGFRA-V4 TSWTILANNV	125	>PDGFRA-V4 TSWTILANNA	1384	1259
>PDGFRA-V4 TSWTILANNV	32	>PDGFRA-V4 TSWTILANNA	1189	1157
>PDGFRA-V5 VIVIISLIVLV	250	>PDGFRA-V5 EIVIISLIVLV	5179	4929
>PDGFRA-V5 VIVIISLI	436	>PDGFRA-V5 EIVIISLI	2049	1613
>PDGFRA-V5 VIVIISLIVLV	153	>PDGFRA-V5 EIVIISLIVLV	827	674
>PDGFRA-V5 VIVIISLI	183	>PDGFRA-V5 EIVIISLI	1974	1791
>PDGFRA-V5 VIVIISLIV	294	>PDGFRA-V5 EIVIISLIV	2198	1904
>PDGFRA-V5 VIVIISLIVLV	119	>PDGFRA-V5 EIVIISLIVLV	1229	1110
>PDGFRA-V5 VIVIISLI	366	>PDGFRA-V5 EIVIISLI	3497	3131
>PDGFRA-V5 VIVIISLIV	141	>PDGFRA-V5 EIVIISLIV	2085	1944
>PDGFRA-V5 VIVIISLIVL	463	>PDGFRA-V5 EIVIISLIVL	872	409
>PDGFRA-V5 VIVIISLIVLV	50	>PDGFRA-V5 EIVIISLIVLV	484	434
>PDGFRA-V5 VIVIISLI	489	>PDGFRA-V5 EIVIISLI	5019	4530
>PDGFRA-V5 VIVIISLIV	267	>PDGFRA-V5 EIVIISLIV	3507	3240
>PDGFRA-V5 VIVIISLIVLV	32	>PDGFRA-V5 EIVIISLIVLV	532	500
>PDGFRA-V5 VIVIISLIV	172	>PDGFRA-V5 EIVIISLIV	2053	1881
>PDGFRA-V5 VIVIISLIVLV	54	>PDGFRA-V5 EIVIISLIVLV	650	596
>PDGFRA-V5 VIVIISLIV	35	>PDGFRA-V5 EIVIISLIV	885	850
>PDGFRA-V5 VIVIISLIVL	499	>PDGFRA-V5 EIVIISLIVL	5818	5319
>PDGFRA-V5 VIVIISLIVLV	10	>PDGFRA-V5 EIVIISLIVLV	154	144
>PDGFRA-V5 VIVIISLIVL	7885	>PDGFRA-V5 EIVIISLIVL	307	7578
>PDGFRA-V5 VIVIISLI	771	>PDGFRA-V5 EIVIISLI	22	749
>PDGFRA-V5 VIVIISLIV	1390	>PDGFRA-V5 EIVIISLIV	52	1338
>PDGFRA-V5 VIVIISLIVL	2563	>PDGFRA-V5 EIVIISLIVL	215	2348
>PDGFRA-V5 VIVIISLIVLV	201	>PDGFRA-V5 EIVIISLIVLV	11	190
>PDGFRA-V5 VIVIISLI	7730	>PDGFRA-V5 EIVIISLI	95	7635
>PDGFRA-V5 VIVIISLIV	3838	>PDGFRA-V5 EIVIISLIV	28	3810
>PDGFRA-V5 VIVIISLIVL	10172	>PDGFRA-V5 EIVIISLIVL	336	9836
>PDGFRA-V5 VIVIISLIVLV	1538	>PDGFRA-V5 EIVIISLIVLV	13	1525
>PDGFRA-V5 LVIVIISL	40004	>PDGFRA-V5 LEIVIISL	436	39568
>PDGFRA-V5 LVIVIISLI	2940	>PDGFRA-V5 LEIVIISLI	7	2933
>PDGFRA-V5 LVIVIISLIV	19469	>PDGFRA-V5 LEIVIISLIV	79	19390
>PDGFRA-V5 LVIVIISLIVL	27355	>PDGFRA-V5 LEIVIISLIVL	268	27087

>PDGFRA-V5 LVIVIISL	335	>PDGFRA-V5 LEIVIISL	16578	16243
>PDGFRA-V5 LVIVIISL	327	>PDGFRA-V5 LEIVIISL	2749	2422
>PDGFRA-V5 LVIVIISLI	145	>PDGFRA-V5 LEIVIISLI	1555	1410
>PDGFRA-V5 LVIVIISLIV	449	>PDGFRA-V5 LEIVIISLIV	4790	4341
>PDGFRA-V5 LVIVIISL	399	>PDGFRA-V5 LEIVIISL	7934	7535
>PDGFRA-V5 LVIVIISLI	65	>PDGFRA-V5 LEIVIISLI	4008	3943
>PDGFRA-V5 LVIVIISLIV	178	>PDGFRA-V5 LEIVIISLIV	5237	5059
>PDGFRA-V5 LVIVIISL	55	>PDGFRA-V5 LEIVIISL	1131	1076
>PDGFRA-V5 LVIVIISLI	78	>PDGFRA-V5 LEIVIISLI	1927	1849
>PDGFRA-V5 LVIVIISLIV	118	>PDGFRA-V5 LEIVIISLIV	1632	1514
>PDGFRA-V5 LVIVIISLIVL	129	>PDGFRA-V5 LEIVIISLIVL	3617	3488
>PDGFRA-V5 LVIVIISLIV	475	>PDGFRA-V5 LEIVIISLIV	10592	10117
>PDGFRA-V5 LVIVIISL	119	>PDGFRA-V5 LEIVIISL	18949	18830
>PDGFRA-V5 LVIVIISLIV	38	>PDGFRA-V5 LEIVIISLIV	9908	9870
>PDGFRA-V5 LVIVIISLIVL	395	>PDGFRA-V5 LEIVIISLIVL	21548	21153
>PDGFRA-V5 LVIVIISLIVL	336	>PDGFRA-V5 LEIVIISLIVL	20647	20311
>PDGFRA-V5 LVIVIISL	110	>PDGFRA-V5 LEIVIISL	9721	9611
>PDGFRA-V5 LVIVIISLI	24	>PDGFRA-V5 LEIVIISLI	6451	6427
>PDGFRA-V5 LVIVIISLIVL	308	>PDGFRA-V5 LEIVIISLIVL	12486	12178
>PDGFRA-V5 LVIVIISL	17314	>PDGFRA-V5 LEIVIISL	45	17269
>PDGFRA-V5 LVIVIISLIVL	18302	>PDGFRA-V5 LEIVIISLIVL	78	18224
>PDGFRA-V5 LVIVIISL	19557	>PDGFRA-V5 LEIVIISL	11	19546
>PDGFRA-V5 LVIVIISLI	23715	>PDGFRA-V5 LEIVIISLI	86	23629
>PDGFRA-V5 LVIVIISLIVL	19579	>PDGFRA-V5 LEIVIISLIVL	11	19568
>PDGFRA-V5 LVIVIISL	28629	>PDGFRA-V5 LEIVIISL	47	28582
>PDGFRA-V5 LVIVIISLI	36620	>PDGFRA-V5 LEIVIISLI	133	36487
>PDGFRA-V5 LVIVIISLIV	34341	>PDGFRA-V5 LEIVIISLIV	342	33999
>PDGFRA-V5 LVIVIISLIVL	27136	>PDGFRA-V5 LEIVIISLIVL	54	27082
>PDGFRA-V5 LVIVIISL	38422	>PDGFRA-V5 LEIVIISL	246	38176
>PDGFRA-V5 LVIVIISLI	39306	>PDGFRA-V5 LEIVIISLI	308	38998
>PDGFRA-V5 LVIVIISLIVL	39118	>PDGFRA-V5 LEIVIISLIVL	391	38727
>PDGFRA-V5 LVIVIISLI	89	>PDGFRA-V5 LEIVIISLI	2428	2339
>PDGFRA-V5 LVIVIISL	27469	>PDGFRA-V5 LEIVIISL	407	27062
>PDGFRA-V5 LVIVIISLI	4885	>PDGFRA-V5 LEIVIISLI	3	4882
>PDGFRA-V5 LVIVIISLIV	30660	>PDGFRA-V5 LEIVIISLIV	104	30556
>PDGFRA-V5 LVIVIISLIVL	14671	>PDGFRA-V5 LEIVIISLIVL	8	14663
>PDGFRA-V5 LVIVIISLI	267	>PDGFRA-V5 LEIVIISLI	1700	1433
>PDGFRA-V5 TVAAAVLVLL	70	>PDGFRA-V5 TVAAAVLVLL	22822	22752
>PDGFRA-V5 TVAAAVLVLL	37	>PDGFRA-V5 TVAAAVLVLL	16539	16502
>PDGFRA-V5 TVAAAVLVLL	19	>PDGFRA-V5 TVAAAVLVLL	16851	16832
>PDGFRA-V5 TVAAAVLVLL	22	>PDGFRA-V5 TVAAAVLVLL	19408	19386
>PDGFRA-V5 TVAAAVLVLL	367	>PDGFRA-V5 TVAAAVLVLL	30293	29926
>PDGFRA-V5 TVAAAVLVLL	84	>PDGFRA-V5 TVAAAVLVLL	24912	24828

>PDGFRA-V5 TVAAAVLVLL	376	>PDGFRA-V5 TVAAAVLVLL	27130	26754
>PDGFRA-V5 TVAAAVLVLL	32	>PDGFRA-V5 TVAAAVLVLL	32839	32807
>PDGFRA-V5 TVAAAVLVLL	6	>PDGFRA-V5 TVAAAVLVLL	11575	11569
>PDGFRA-V5 TVAAAVLVLL	16	>PDGFRA-V5 TVAAAVLVLL	17298	17282
>PDGFRA-V5 LLVIVIISL	62	>PDGFRA-V5 LLEIVIISL	271	209
>PDGFRA-V5 LLVIVIISLI	309	>PDGFRA-V5 LLEIVIISLI	653	344
>PDGFRA-V5 LLVIVIISLIV	83	>PDGFRA-V5 LLEIVIISLIV	379	296
>PDGFRA-V5 LLVIVIISL	137	>PDGFRA-V5 LLEIVIISL	217	80
>PDGFRA-V5 LLVIVIISLI	63	>PDGFRA-V5 LLEIVIISLI	105	42
>PDGFRA-V5 LLVIVIISLIV	171	>PDGFRA-V5 LLEIVIISLIV	319	148
>PDGFRA-V5 LLVIVIISL	112	>PDGFRA-V5 LLEIVIISL	1089	977
>PDGFRA-V5 LLVIVIISLI	76	>PDGFRA-V5 LLEIVIISLI	183	107
>PDGFRA-V5 LLVIVIISLIV	38	>PDGFRA-V5 LLEIVIISLIV	378	340
>PDGFRA-V5 LLVIVIISL	173	>PDGFRA-V5 LLEIVIISL	1346	1173
>PDGFRA-V5 LLVIVIISLI	190	>PDGFRA-V5 LLEIVIISLI	880	690
>PDGFRA-V5 LLVIVIISLIV	70	>PDGFRA-V5 LLEIVIISLIV	777	707
>PDGFRA-V5 LLVIVIISL	3	>PDGFRA-V5 LLEIVIISL	11	8
>PDGFRA-V5 LLVIVIISLI	6	>PDGFRA-V5 LLEIVIISLI	32	26
>PDGFRA-V5 LLVIVIISLIV	5	>PDGFRA-V5 LLEIVIISLIV	18	13
>PDGFRA-V5 LLVIVIISL	79	>PDGFRA-V5 LLEIVIISL	232	153
>PDGFRA-V5 LLVIVIISLI	180	>PDGFRA-V5 LLEIVIISLI	587	407
>PDGFRA-V5 LLVIVIISLIV	18	>PDGFRA-V5 LLEIVIISLIV	49	31
>PDGFRA-V5 LLVIVIISL	18	>PDGFRA-V5 LLEIVIISL	123	105
>PDGFRA-V5 LLVIVIISLI	47	>PDGFRA-V5 LLEIVIISLI	471	424
>PDGFRA-V5 LLVIVIISLIV	9	>PDGFRA-V5 LLEIVIISLIV	34	25
>PDGFRA-V5 LLVIVIISL	397	>PDGFRA-V5 LLEIVIISL	3414	3017
>PDGFRA-V5 LLVIVIISLIV	61	>PDGFRA-V5 LLEIVIISLIV	598	537
>PDGFRA-V5 LLVIVIISL	3	>PDGFRA-V5 LLEIVIISL	4	1
>PDGFRA-V5 LLVIVIISLI	7	>PDGFRA-V5 LLEIVIISLI	13	6
>PDGFRA-V5 LLVIVIISLIV	3	>PDGFRA-V5 LLEIVIISLIV	3	0
>PDGFRA-V5 VLLVIVII	76	>PDGFRA-V5 VLLEIVII	20	56
>PDGFRA-V5 VLLVIVIISL	69	>PDGFRA-V5 VLLEIVIISL	25	44
>PDGFRA-V5 VLLVIVIISLI	57	>PDGFRA-V5 VLLEIVIISLI	16	41
>PDGFRA-V5 VLLVIVII	630	>PDGFRA-V5 VLLEIVII	110	520
>PDGFRA-V5 VLLVIVIISL	97	>PDGFRA-V5 VLLEIVIISL	37	60
>PDGFRA-V5 VLLVIVIISLI	241	>PDGFRA-V5 VLLEIVIISLI	37	204
>PDGFRA-V5 VLLVIVII	449	>PDGFRA-V5 VLLEIVII	65	384
>PDGFRA-V5 VLLVIVIISL	221	>PDGFRA-V5 VLLEIVIISL	91	130
>PDGFRA-V5 VLLVIVIISLI	125	>PDGFRA-V5 VLLEIVIISLI	19	106
>PDGFRA-V5 VLLVIVII	393	>PDGFRA-V5 VLLEIVII	32	361
>PDGFRA-V5 VLLVIVIISL	169	>PDGFRA-V5 VLLEIVIISL	93	76
>PDGFRA-V5 VLLVIVIISLI	397	>PDGFRA-V5 VLLEIVIISLI	28	369
>PDGFRA-V5 VLLVIVII	9	>PDGFRA-V5 VLLEIVII	3	6

>PDGFRA-V5 VLLVIVIIS	1343	>PDGFRA-V5 VLLLEIVIIS	39	1304
>PDGFRA-V5 VLLVIVIISL	3	>PDGFRA-V5 VLLLEIVIISL	1	2
>PDGFRA-V5 VLLVIVIISLI	5	>PDGFRA-V5 VLLLEIVIISLI	2	3
>PDGFRA-V5 VLLVIVII	30	>PDGFRA-V5 VLLLEIVII	6	24
>PDGFRA-V5 VLLVIVIISL	21	>PDGFRA-V5 VLLLEIVIISL	5	16
>PDGFRA-V5 VLLVIVIISLI	49	>PDGFRA-V5 VLLLEIVIISLI	8	41
>PDGFRA-V5 VLLVIVII	13	>PDGFRA-V5 VLLLEIVII	7	6
>PDGFRA-V5 VLLVIVIIS	2374	>PDGFRA-V5 VLLLEIVIIS	205	2169
>PDGFRA-V5 VLLVIVIISL	8	>PDGFRA-V5 VLLLEIVIISL	5	3
>PDGFRA-V5 VLLVIVIISLI	13	>PDGFRA-V5 VLLLEIVIISLI	6	7
>PDGFRA-V5 VLLVIVII	15	>PDGFRA-V5 VLLLEIVII	5	10
>PDGFRA-V5 VLLVIVIISL	6	>PDGFRA-V5 VLLLEIVIISL	3	3
>PDGFRA-V5 VLLVIVIISLI	9	>PDGFRA-V5 VLLLEIVIISLI	3	6
>PDGFRA-V5 VLLVIVII	15	>PDGFRA-V5 VLLLEIVII	5	10
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>PDGFRA-V5 VLLVIVIISL	4	>PDGFRA-V5 VLLLEIVIISL	2	2
>PDGFRA-V5 VLLVIVIISLI	10	>PDGFRA-V5 VLLLEIVIISLI	4	6
>PDGFRA-V5 VLLVIVII	293	>PDGFRA-V5 VLLLEIVII	209	84
>PDGFRA-V5 VLLVIVIISL	391	>PDGFRA-V5 VLLLEIVIISL	225	166
>PDGFRA-V5 LVLLVIVIISL	318	>PDGFRA-V5 LVLLEIVIISL	520	202
>PDGFRA-V5 LVLLVIVI	346	>PDGFRA-V5 LVLLEIVI	589	243
>PDGFRA-V5 LVLLVIVII	399	>PDGFRA-V5 LVLLEIVII	398	1
>PDGFRA-V5 LVLLVIVIISL	122	>PDGFRA-V5 LVLLEIVIISL	125	3
>PDGFRA-V5 LVLLVIVI	165	>PDGFRA-V5 LVLLEIVI	1270	1105
>PDGFRA-V5 LVLLVIVII	334	>PDGFRA-V5 LVLLEIVII	2110	1776
>PDGFRA-V5 LVLLVIVIISL	57	>PDGFRA-V5 LVLLEIVIISL	217	160
>PDGFRA-V5 LVLLVIVIISL	212	>PDGFRA-V5 LVLLEIVIISL	778	566
>PDGFRA-V5 LVLLVIVIISL	146	>PDGFRA-V5 LVLLEIVIISL	143	3
>PDGFRA-V5 VLVLLVIV	100	>PDGFRA-V5 VLVLLEIV	317	217
>PDGFRA-V5 VLVLLVIVI	446	>PDGFRA-V5 VLVLLEIVI	2311	1865
>PDGFRA-V5 VLVLLVIV	184	>PDGFRA-V5 VLVLLEIV	165	19
>PDGFRA-V5 VLVLLVIV	45	>PDGFRA-V5 VLVLLEIV	114	69
>PDGFRA-V5 VLVLLVIVI	339	>PDGFRA-V5 VLVLLEIVI	2166	1827
>PDGFRA-V5 VLVLLVIVII	425	>PDGFRA-V5 VLVLLEIVII	505	80
>PDGFRA-V5 VLVLLVIV	91	>PDGFRA-V5 VLVLLEIV	113	22
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>PDGFRA-V5 VLVLLVIVI	26	>PDGFRA-V5 VLVLLEIVI	253	227
>PDGFRA-V5 VLVLLVIVII	47	>PDGFRA-V5 VLVLLEIVII	274	227
>PDGFRA-V5 VLVLLVIV	13	>PDGFRA-V5 VLVLLEIV	28	15
>PDGFRA-V5 VLVLLVIVI	207	>PDGFRA-V5 VLVLLEIVI	727	520
>PDGFRA-V5 VLVLLVIVII	196	>PDGFRA-V5 VLVLLEIVII	425	229
>PDGFRA-V5 VLVLLVIV	11	>PDGFRA-V5 VLVLLEIV	18	7
>PDGFRA-V5 VLVLLVIVI	96	>PDGFRA-V5 VLVLLEIVI	334	238

>PDGFRA-V5 VLVLLVIVII	99	>PDGFRA-V5 VLVLLEIVII	329	230
>PDGFRA-V5 VLVLLVIV	24	>PDGFRA-V5 VLVLLEIV	60	36
>PDGFRA-V5 VLVLLVIV	3	>PDGFRA-V5 VLVLLEIV	5	2
>PDGFRA-V5 VLVLLVIVI	77	>PDGFRA-V5 VLVLLEIVI	255	178
>PDGFRA-V5 VLVLLVIVII	60	>PDGFRA-V5 VLVLLEIVII	118	58
>PDGFRA-V5 AVLVLLVI	1141	>PDGFRA-V5 AVLVLEI	345	796
>PDGFRA-V5 AVLVLLVIV	214	>PDGFRA-V5 AVLVLEIV	523	309
>PDGFRA-V5 AVLVLLVI	142	>PDGFRA-V5 AVLVLEI	61	81
>PDGFRA-V5 AVLVLLVIV	24	>PDGFRA-V5 AVLVLEIV	15	9
>PDGFRA-V5 AVLVLLVIVI	302	>PDGFRA-V5 AVLVLEIVI	494	192
>PDGFRA-V5 AVLVLLVIVII	258	>PDGFRA-V5 AVLVLEIVII	203	55
>PDGFRA-V5 AVLVLLVI	677	>PDGFRA-V5 AVLVLEI	321	356
>PDGFRA-V5 AVLVLLVIV	162	>PDGFRA-V5 AVLVLEIV	165	3
>PDGFRA-V5 AVLVLLVIV	177	>PDGFRA-V5 AVLVLEIV	359	182
>PDGFRA-V5 AVLVLLVIV	40	>PDGFRA-V5 AVLVLEIV	84	44
>PDGFRA-V5 AVLVLLVIV	414	>PDGFRA-V5 AVLVLEIV	271	143
>PDGFRA-V5 AVLVLLVIV	40	>PDGFRA-V5 AVLVLEIV	76	36
>PDGFRA-V5 AVLVLLVI	186	>PDGFRA-V5 AVLVLEI	271	85
>PDGFRA-V5 AVLVLLVIVI	104	>PDGFRA-V5 AVLVLEIVI	314	210
>PDGFRA-V5 AVLVLLVIVII	89	>PDGFRA-V5 AVLVLEIVII	220	131
>PDGFRA-V5 AAVLVLV	66	>PDGFRA-V5 AAVLLE	20104	20038
>PDGFRA-V5 AAVLVLVI	1101	>PDGFRA-V5 AAVLLEI	381	720
>PDGFRA-V5 AAVLVLVIV	257	>PDGFRA-V5 AAVLLEIV	271	14
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>PDGFRA-V5 AAVLVLVVI	417	>PDGFRA-V5 AAVLLEIV	275	142
>PDGFRA-V5 AAVLVLV	335	>PDGFRA-V5 AAVLLE	20696	20361
>PDGFRA-V5 AAVLVLVI	811	>PDGFRA-V5 AAVLLEI	460	351
>PDGFRA-V5 AAVLVLV	179	>PDGFRA-V5 AAVLLE	24088	23909
>PDGFRA-V5 AAVLVLVVI	292	>PDGFRA-V5 AAVLLEIV	236	56
>PDGFRA-V5 AAVLVLV	447	>PDGFRA-V5 AAVLLE	26599	26152
>PDGFRA-V5 AAVLVLV	379	>PDGFRA-V5 AAVLLE	36014	35635
>PDGFRA-V5 AAVLVLVI	163	>PDGFRA-V5 AAVLLEI	315	152
>PDGFRA-V5 AAVLVLVI	188	>PDGFRA-V5 AAVLLEI	600	412
>PDGFRA-V5 VAAAVLVLV	437	>PDGFRA-V5 VAAAVLLE	23954	23517
>PDGFRA-V5 VAAAVLVLV	1033	>PDGFRA-V5 VAAAVLLE	265	768
>PDGFRA-V5 VAAAVLVLV	427	>PDGFRA-V5 VAAAVLLE	24151	23724
>PDGFRA-V5 VAAAVLVLV	412	>PDGFRA-V5 VAAAVLLE	152	260
>PDGFRA-V5 VAAAVLVLV	114	>PDGFRA-V5 VAAAVLLE	28132	28018
>PDGFRA-V5 VAAAVLVLV	158	>PDGFRA-V5 VAAAVLLE	26196	26038
>PDGFRA-V5 VAAAVLVLV	100	>PDGFRA-V5 VAAAVLLE	34346	34246
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>PDGFRA-V5 VAAAVLVLV	38	>PDGFRA-V5 VAAAVLLE	62	24
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>PDGFRA-V5 VAAAVLVLLV	207	>PDGFRA-V5 VAAAVLVLLE	340	133
>PDGFRA-V5 RVIESISPDGF	444	>PDGFRA-V5 RDIESISPDGF	24061	23617
>PDGFRA-V5 RWRVIESI	312	>PDGFRA-V5 RWRDIESI	414	102
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>PDGFRA-V5 RWRVIESISP	310	>PDGFRA-V5 RWRDIESISP	432	122
>PDGFRA-V5 RWRVIESI	96	>PDGFRA-V5 RWRDIESI	94	2
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>PDGFRA-V5 IRWRVIESI	109	>PDGFRA-V5 IRWRDIESI	79	30
>PDGFRA-V5 IRWRVIES	265	>PDGFRA-V5 IRWRDIES	546	281
>PDGFRA-V5 IRWRVIESI	34	>PDGFRA-V5 IRWRDIESI	49	15
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>PDGFRA-V5 YEIRWRVIESI	12	>PDGFRA-V5 YEIRWRDIESI	15	3
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>PDGFRA-V5 YEIRWRVIESI	41	>PDGFRA-V5 YEIRWRDIESI	51	10
>PDGFRA-V5 YEIRWRVI	99	>PDGFRA-V5 YEIRWRDI	267	168
>PDGFRA-V5 YEIRWRVIESI	114	>PDGFRA-V5 YEIRWRDIESI	140	26
>PDGFRA-V5 YEIRWRVI	35	>PDGFRA-V5 YEIRWRDI	72	37
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>PDGFRA-V5 RYEIRWRVI	137	>PDGFRA-V5 RYEIRWRDI	348	211
>PDGFRA-V5 RYEIRWRVI	72	>PDGFRA-V5 RYEIRWRDI	163	91
>PDGFRA-V5 RYEIRWRV	384	>PDGFRA-V5 RYEIRWRD	3126	2742
>PDGFRA-V5 RYEIRWRVI	116	>PDGFRA-V5 RYEIRWRDI	226	110
>PDGFRA-V5 RYEIRWRV	454	>PDGFRA-V5 RYEIRWRD	2565	2111
>PDGFRA-V5 PRYEIRWRV	385	>PDGFRA-V5 PRYEIRWRD	5594	5209
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>PDGFRA-V5 PRYEIRWRVI	355	>PDGFRA-V5 PRYEIRWRDI	521	166
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>PDGFRA-V8 VLLAQQKIVK	301	>PDGFRA-V8 LLLAQQKIVKI	228	73
>PDGFRA-V8 VLLAQQKIVK	543	>PDGFRA-V8 LLLAQQKIVKI	257	286
>PDGFRA-V8 VLLAQQKI	376	>PDGFRA-V8 LLLAQQKI	238	138
>PDGFRA-V8 VLLAQQKIV	163	>PDGFRA-V8 LLLAQQKIV	110	53
>PDGFRA-V8 VLLAQQKIVK	336	>PDGFRA-V8 LLLAQQKIVKI	221	115
>PDGFRA-V8 VLLAQQKIVK	647	>PDGFRA-V8 LLLAQQKIVKI	430	217
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>PDGFRA-V8 VLLAQGKIV	9	>PDGFRA-V8 LLLAQGKIV	10	1
>PDGFRA-V8 VLLAQGKIVK	9	>PDGFRA-V8 LLLAQGKIVKI	10	1
>PDGFRA-V8 VLLAQGKI	144	>PDGFRA-V8 LLLAQGKI	124	20
>PDGFRA-V8 VLLAQGKIV	18	>PDGFRA-V8 LLLAQGKIV	16	2
>PDGFRA-V8 VLLAQGKIVK	52	>PDGFRA-V8 LLLAQGKIVKI	45	7
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>PDGFRA-V8 VLLAQGKIV	13	>PDGFRA-V8 LLLAQGKIV	15	2
>PDGFRA-V8 VLLAQGKIVK	24	>PDGFRA-V8 LLLAQGKIVKI	31	7
>PDGFRA-V8 VLLAQGKI	250	>PDGFRA-V8 LLLAQGKI	344	94
>PDGFRA-V8 VLLAQGKIV	67	>PDGFRA-V8 LLLAQGKIV	77	10
>PDGFRA-V8 VLLAQGKIVK	88	>PDGFRA-V8 LLLAQGKIVKI	104	16
>PDGFRA-V8 VLLAQGKI	32	>PDGFRA-V8 LLLAQGKI	22	10
>PDGFRA-V8 VLLAQGKIV	7	>PDGFRA-V8 LLLAQGKIV	6	1
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>PDGFRA-V8 NVLLAQGKIV	3295	>PDGFRA-V8 NLLLAQGKIV	497	2798
>PDGFRA-V8 NVLLAQGKIV	7766	>PDGFRA-V8 NLLLAQGKIV	226	7540
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>PDGFRA-V8 NVLLAQGKIV	5828	>PDGFRA-V8 NLLLAQGKIV	86	5742
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>PDGFRA-V8 ARNVLLAQGI	91	>PDGFRA-V8 ARNLLLAQGI	101	10
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>PDGFRA-V8 AARNVLLA	13	>PDGFRA-V8 AARNLLLA	13	0
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>PDGFRA-V8 AARNVLLAQ	202	>PDGFRA-V8 AARNLLLAQ	223	21
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>PDGFRA-V8 DLAARNVLLA	637	>PDGFRA-V8 DLAARNLLLA	303	334
>PDGFRA-V8 DLAARNVL	326	>PDGFRA-V8 DLAARNLL	227	99
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>PDGFRA-V8 RDLAARNV	187	>PDGFRA-V8 RDLAARNL	761	574
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>PDGFRA-V8 HRDLAARNV	60	>PDGFRA-V8 HRDLAARNLL	36	24
>PDGFRA-V8 VHRDLAARN	471	>PDGFRA-V8 VHRDLAARN	2594	2123
>PDGFRA-W: WLKNNLTL	198	>PDGFRA-W: CLKNNLTL	1013	815
>PDGFRA-W: WLKNNLTLI	46	>PDGFRA-W: CLKNNLTLI	309	263
>PDGFRA-W: WLKNNLTL	28	>PDGFRA-W: CLKNNLTL	181	153
>PDGFRA-W: WLKNNLTLI	4	>PDGFRA-W: CLKNNLTLI	11	7
>PDGFRA-W: WLKNNLTLI	303	>PDGFRA-W: CLKNNLTLI	5212	4909
>PDGFRA-W: WLKNNLTL	101	>PDGFRA-W: CLKNNLTL	1342	1241
>PDGFRA-W: WLKNNLTLI	139	>PDGFRA-W: CLKNNLTLI	1937	1798
>PDGFRA-W: WLKNNLTL	39	>PDGFRA-W: CLKNNLTL	199	160
>PDGFRA-W: WLKNNLTLI	76	>PDGFRA-W: CLKNNLTLI	494	418
>PDGFRA-W: WLKNNLTL	6	>PDGFRA-W: CLKNNLTL	37	31
>PDGFRA-W: WLKNNLTLI	10	>PDGFRA-W: CLKNNLTLI	155	145
>PDGFRA-W: WLKNNLTL	151	>PDGFRA-W: CLKNNLTL	555	404
>PDGFRA-W: WLKNNLTL	451	>PDGFRA-W: CLKNNLTL	3302	2851
>PDGFRA-W: WLKNNLTL	316	>PDGFRA-W: CLKNNLTL	1463	1147
>PDGFRA-W: SWLKNNLTL	5792	>PDGFRA-W: SCLKNNLTL	140	5652
>PDGFRA-W: SWLKNNLTLI	276	>PDGFRA-W: SCLKNNLTLI	71	205
>PDGFRA-W: SWLKNNLTL	409	>PDGFRA-W: SCLKNNLTL	10001	9592
>PDGFRA-W: SWLKNNLTLI	239	>PDGFRA-W: SCLKNNLTLI	6546	6307
>PDGFRA-W: SWLKNNLTL	216	>PDGFRA-W: SCLKNNLTL	15717	15501
>PDGFRA-W: SWLKNNLTLI	97	>PDGFRA-W: SCLKNNLTLI	16004	15907
>PDGFRA-W: SWLKNNLTL	235	>PDGFRA-W: SCLKNNLTL	12642	12407
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>PDGFRA-W: SWLKNNLTL	14	>PDGFRA-W: SCLKNNLTL	9769	9755
>PDGFRA-W: SWLKNNLTLI	54	>PDGFRA-W: SCLKNNLTLI	13505	13451
>PDGFRA-W: SWLKNNLTL	221	>PDGFRA-W: SCLKNNLTL	32469	32248
>PDGFRA-W: SWLKNNLTL	63	>PDGFRA-W: SCLKNNLTL	28197	28134
>PDGFRA-W: SWLKNNLTLI	37	>PDGFRA-W: SCLKNNLTLI	17423	17386
>PDGFRA-W: SWLKNNLTLI	426	>PDGFRA-W: SCLKNNLTLIE	35466	35040
>PDGFRA-W: VRAYPPPRIS\	336	>PDGFRA-W: VRAYPPPRIS\	36179	35843

>PDGFRA-W:ISWLKNNL	119	>PDGFRA-W:ISCLKNNL	2055	1936
>PDGFRA-W:ISWLKNNLTL	288	>PDGFRA-W:ISCLKNNLTLI	2797	2509
>PDGFRA-W:ISWLKNNLTL	294	>PDGFRA-W:ISCLKNNLTLI	1344	1050
>PDGFRA-W:ISWLKNNLTL	197	>PDGFRA-W:ISCLKNNLTL	1847	1650
>PDGFRA-W:ISWLKNNL	25	>PDGFRA-W:ISCLKNNL	135	110
>PDGFRA-W:ISWLKNNLTL	7	>PDGFRA-W:ISCLKNNLTL	17	10
>PDGFRA-W:ISWLKNNLTL	68	>PDGFRA-W:ISCLKNNLTLI	326	258
>PDGFRA-W:ISWLKNNLTL	346	>PDGFRA-W:ISCLKNNLTLI	586	240
>PDGFRA-W:ISWLKNNLTL	82	>PDGFRA-W:ISCLKNNLTL	157	75
>PDGFRA-W:ISWLKNNLTL	46	>PDGFRA-W:ISCLKNNLTLI	116	70
>PDGFRA-W:ISWLKNNL	344	>PDGFRA-W:ISCLKNNL	204	140
>PDGFRA-W:RISWLKNNLT	281	>PDGFRA-W:RISCLKNNLTL	3411	3130
>PDGFRA-W:RISWLKNNL	275	>PDGFRA-W:RISCLKNNL	1029	754
>PDGFRA-W:RISWLKNNLT	34	>PDGFRA-W:RISCLKNNLTL	75	41
>PDGFRA-W:PRISWLKNNL	484	>PDGFRA-W:PRISCLKNNL	426	58
>PDGFRA-W:PPRISWLKNN	111	>PDGFRA-W:PPRISCLKNNI	182	71
>PDGFRA-W:PPRISWL	450	>PDGFRA-W:PPRISCL	495	45
>PDGFRA-W:YPPRISWL	97	>PDGFRA-W:YPPRISCL	135	38
>PDGFRA-W:YPPRISWL	132	>PDGFRA-W:YPPRISCL	1361	1229
>PDGFRA-W:YPPRISWLK	91	>PDGFRA-W:YPPRISCLK	208	117
>PDGFRA-W:YPPRISW	258	>PDGFRA-W:YPPRISC	1094	836
>PDGFRA-W:YPPRISWL	83	>PDGFRA-W:YPPRISCL	142	59
>PDGFRA-W:YPPRISWL	972	>PDGFRA-W:YPPRISCL	71	901
>PDGFRA-W:YPPRISW	62	>PDGFRA-W:YPPRISC	21401	21339
>PDGFRA-W:YPPRISWL	6	>PDGFRA-W:YPPRISCL	42	36
>PDGFRA-W:YPPRISW	19	>PDGFRA-W:YPPRISC	19051	19032
>PDGFRA-W:AYPPRISWL	1142	>PDGFRA-W:AYPPRISCL	333	809
>PDGFRA-W:AYPPRISWL	1063	>PDGFRA-W:AYPPRISCL	208	855
>PDGFRA-W:AYPPRISW	8	>PDGFRA-W:AYPPRISC	860	852
>PDGFRA-W:AYPPRISWL	6	>PDGFRA-W:AYPPRISCL	15	9
>PDGFRA-W:AYPPRISWL	147	>PDGFRA-W:AYPPRISCLK	788	641
>PDGFRA-W:AYPPRISWL	202	>PDGFRA-W:AYPPRISCLK	72	130
>PDGFRA-W:AYPPRISWL	50	>PDGFRA-W:AYPPRISCL	511	461
>PDGFRA-W:AYPPRISWL	94	>PDGFRA-W:AYPPRISCL	140	46
>PDGFRA-W:AYPPRISWL	27	>PDGFRA-W:AYPPRISCL	82	55
>PDGFRA-W:RAYPPRISW	207	>PDGFRA-W:RAYPPRISCL	850	643
>PDGFRA-W:RAYPPRISW	286	>PDGFRA-W:RAYPPRISC	5955	5669
>PDGFRA-W:RAYPPRISW	255	>PDGFRA-W:RAYPPRISCL	778	523
>PDGFRA-W:RAYPPRISW	166	>PDGFRA-W:RAYPPRISC	1977	1811
>PDGFRA-W:RAYPPRISW	229	>PDGFRA-W:RAYPPRISCL	53	176
>PDGFRA-W:RAYPPRISW	3	>PDGFRA-W:RAYPPRISC	689	686
>PDGFRA-W:RAYPPRISW	4	>PDGFRA-W:RAYPPRISCL	6	2
>PDGFRA-W:RAYPPRISW	26	>PDGFRA-W:RAYPPRISC	5409	5383

>PDGFRA-W:RAYPPPRISW	255	>PDGFRA-W:RAYPPPRISCL	1090	835
>PDGFRA-W:RAYPPPRISW	9	>PDGFRA-W:RAYPPPRISC	6392	6383
>PDGFRA-W:RAYPPPRISW	428	>PDGFRA-W:RAYPPPRISCL	2325	1897
>PDGFRA-W:RAYPPPRISW	78	>PDGFRA-W:RAYPPPRISCL	453	375
>PDGFRA-W:RAYPPPRISW	439	>PDGFRA-W:RAYPPPRISCL	634	195
>PDGFRA-W:RAYPPPRISW	207	>PDGFRA-W:RAYPPPRISCL	425	218
>PDGFRA-W:RAYPPPRISW	25	>PDGFRA-W:RAYPPPRISCL	29	4
>PDGFRA-Y5:YEIRWRVI	10	>PDGFRA-Y5:CEIRWRVI	112	102
>PDGFRA-Y5:YEIRWRVIESI	12	>PDGFRA-Y5:CEIRWRVIESI	37	25
>PDGFRA-Y5:YEIRWRVIESI	366	>PDGFRA-Y5:CEIRWRVIESI	6923	6557
>PDGFRA-Y5:YEIRWRVIESI	404	>PDGFRA-Y5:CEIRWRVIESI	1695	1291
>PDGFRA-Y5:YEIRWRVI	117	>PDGFRA-Y5:CEIRWRVI	911	794
>PDGFRA-Y5:YEIRWRVIESI	41	>PDGFRA-Y5:CEIRWRVIESI	264	223
>PDGFRA-Y5:YEIRWRVI	99	>PDGFRA-Y5:CEIRWRVI	180	81
>PDGFRA-Y5:YEIRWRVIESI	114	>PDGFRA-Y5:CEIRWRVIESI	214	100
>PDGFRA-Y5:YEIRWRVI	1890	>PDGFRA-Y5:CEIRWRVI	331	1559
>PDGFRA-Y5:YEIRWRVIESI	2436	>PDGFRA-Y5:CEIRWRVIESI	438	1998
>PDGFRA-Y5:YEIRWRVI	35	>PDGFRA-Y5:CEIRWRVI	374	339
>PDGFRA-Y5:YEIRWRVIE	232	>PDGFRA-Y5:CEIRWRVIE	1799	1567
>PDGFRA-Y5:YEIRWRVIESI	3	>PDGFRA-Y5:CEIRWRVIESI	7	4
>PDGFRA-Y5:RYEIRWRVI	137	>PDGFRA-Y5:RCEIRWRVI	27151	27014
>PDGFRA-Y5:RYEIRWRVI	72	>PDGFRA-Y5:RCEIRWRVI	12184	12112
>PDGFRA-Y5:RYEIRWRV	384	>PDGFRA-Y5:RCEIRWRV	23875	23491
>PDGFRA-Y5:RYEIRWRVI	116	>PDGFRA-Y5:RCEIRWRVI	22878	22762
>PDGFRA-Y5:RYEIRWRV	454	>PDGFRA-Y5:RCEIRWRV	31871	31417
>PDGFRA-Y5:RYEIRWRVI	1076	>PDGFRA-Y5:RCEIRWRVI	442	634
>PDGFRA-Y5:LVVIWKQKPF	199	>PDGFRA-Y5:LVVIWKQKPF	32590	32391
>PDGFRA-Y5:LVVIWKQKPF	50	>PDGFRA-Y5:LVVIWKQKPF	22312	22262
>PDGFRA-Y5:LVVIWKQKPF	98	>PDGFRA-Y5:LVVIWKQKPF	27056	26958
>PDGFRA-Y5:LVVIWKQKPF	79	>PDGFRA-Y5:LVVIWKQKPF	19640	19561
>PDGFRA-Y5:LVVIWKQKPF	395	>PDGFRA-Y5:LVVIWKQKPF	22843	22448
>PDGFRA-Y5:PRYEIRWRV	385	>PDGFRA-Y5:PRCEIRWRV	4553	4168
>PDGFRA-Y5:PRYEIRWRV	348	>PDGFRA-Y5:PRCEIRWRV	5883	5535
>PDGFRA-Y5:PRYEIRWRVI	355	>PDGFRA-Y5:PRCEIRWRVI	1276	921
>PDGFRA-Y5:PRYEIRWR	423	>PDGFRA-Y5:PRCEIRWR	1403	980
>PDGFRA-Y5:KPRYEIRW	566	>PDGFRA-Y5:KPRCEIRW	467	99
>PDGFRA-Y5:KPRYEIRWRV	765	>PDGFRA-Y5:KPRCEIRWRV	325	440
>PDGFRA-Y5:KPRYEIRWRV	21	>PDGFRA-Y5:KPRCEIRWRV	18	3
>PDGFRA-Y5:KPRYEIRW	159	>PDGFRA-Y5:KPRCEIRW	240	81
>PDGFRA-Y5:KPRYEIRW	83	>PDGFRA-Y5:KPRCEIRW	113	30
>PDGFRA-Y5:KPRYEIRWR	393	>PDGFRA-Y5:KPRCEIRWR	148	245
>PDGFRA-Y5:KQKPRYEI	319	>PDGFRA-Y5:KQKPRCEI	573	254
>PDGFRA-Y5:KQKPRYEI	55	>PDGFRA-Y5:KQKPRCEI	79	24

>PDGFRA-Y5:KQKPRYEIR	9	>PDGFRA-Y5:KQKPRCEIR	26	17
>PDGFRA-Y5:KQKPRYEIRW	12	>PDGFRA-Y5:KQKPRCEIRW	20	8
>PDGFRA-Y5:KQKPRYEI	61	>PDGFRA-Y5:KQKPRCEI	123	62
>PDGFRA-Y5:KQKPRYEIR	252	>PDGFRA-Y5:KQKPRCEIR	579	327
>PDGFRA-Y5:KQKPRYEIRW	471	>PDGFRA-Y5:KQKPRCEIRW	816	345
>PDGFRA-Y5:KQKPRYEIRW	181	>PDGFRA-Y5:KQKPRCEIRW	254	73
>PDGFRA-Y5:KQKPRYEIR	112	>PDGFRA-Y5:KQKPRCEIR	148	36
>PDGFRA-Y5:KQKPRYEIRW	93	>PDGFRA-Y5:KQKPRCEIRW	91	2
>PDGFRA-Y5:WKQKPRYEI	98	>PDGFRA-Y5:WKQKPRCEI	141	43
>PDGFRA-Y5:IWKQKPRY	139	>PDGFRA-Y5:IWKQKPRC	24399	24260
>PDGFRA-Y5:IWKQKPRYEI	186	>PDGFRA-Y5:IWKQKPRCEI	630	444
>PDGFRA-Y5:IWKQKPRYEI	26	>PDGFRA-Y5:IWKQKPRCEI	34	8
>PDGFRA-Y5:IWKQKPRYEI	490	>PDGFRA-Y5:IWKQKPRCEI	1615	1125
>PDGFRA-Y5:VIWKQKPRYE	464	>PDGFRA-Y5:VIWKQKPRCE	2210	1746
>PDGFRA-Y5:VIWKQKPRYE	73	>PDGFRA-Y5:VIWKQKPRCE	93	20
>PDGFRA-Y5:VIWKQKPRYE	326	>PDGFRA-Y5:VIWKQKPRCE	215	111
>PDGFRA-Y5:VIWKQKPRYE	265	>PDGFRA-Y5:VIWKQKPRCE	131	134
>PDGFRA-Y5:VIWKQKPRY	112	>PDGFRA-Y5:VIWKQKPRC	24028	23916
>PDGFRA-Y5:VIWKQKPRY	33	>PDGFRA-Y5:VIWKQKPRC	15175	15142
>PDGFRA-Y5:VIWKQKPRY	445	>PDGFRA-Y5:VIWKQKPRC	25963	25518
>PDGFRA-Y5:VVIWKQKPR'	28	>PDGFRA-Y5:VVIWKQKPR'	23016	22988
>PDGFRA-Y5:VVIWKQKPR'	308	>PDGFRA-Y5:VVIWKQKPR'	30546	30238
>PDGFRA-Y5:VVIWKQKPR'	82	>PDGFRA-Y5:VVIWKQKPR'	17209	17127
>PDGFRA-Y5:YPMSEEESSD	428	>PDGFRA-Y5:NPMSEEESSD	3633	3205
>PDGFRA-Y5:YPMSEEESSD	341	>PDGFRA-Y5:NPMSEEESSD	1891	1550
>PDGFRA-Y5:YPMSEEEES	125	>PDGFRA-Y5:NPMSEEEES	1365	1240
>PDGFRA-Y5:YPMSEEEES	139	>PDGFRA-Y5:NPMSEEEES	1529	1390
>PDGFRA-Y5:YPMSEEESSD	230	>PDGFRA-Y5:NPMSEEESSD	2033	1803
>PDGFRA-Y5:YPMSEEESSD	344	>PDGFRA-Y5:NPMSEEESSD	596	252
>PDGFRA-Y5:CFGSEVSWC	78	>PDGFRA-Y5:CFGSEVSWC	15631	15553
>PDGFRA-Y5:CFGSEVSWC	233	>PDGFRA-Y5:CFGSEVSWC	22478	22245
>PDGFRA-Y5:CFGSEVSWC	118	>PDGFRA-Y5:CFGSEVSWC	25284	25166
>PDGFRA-Y5:WQYPMSEEE	345	>PDGFRA-Y5:WQNPMSEEE	1969	1624
>PDGFRA-Y5:WQYPMSEEE	457	>PDGFRA-Y5:WQNPMSEEE	2736	2279
>PDGFRA-Y5:SWQYPMSE	249	>PDGFRA-Y5:SWQNPMSE	357	108
>PDGFRA-Y5:VSWQYPM	64	>PDGFRA-Y5:VSWQNPM	10764	10700
>PDGFRA-Y5:VSWQYPM	243	>PDGFRA-Y5:VSWQNPM	303	60
>PDGFRA-Y5:VSWQYPM	22	>PDGFRA-Y5:VSWQNPM	28	6
>PDGFRA-Y5:VSWQYPM	1536	>PDGFRA-Y5:VSWQNPM	412	1124
>PDGFRA-Y5:VSWQYPM	53	>PDGFRA-Y5:VSWQNPM	104	51
>PDGFRA-Y5:VSWQYPM	11	>PDGFRA-Y5:VSWQNPM	22	11
>PDGFRA-Y5:VSWQYPM	31	>PDGFRA-Y5:VSWQNPM	49	18
>PDGFRA-Y5:SEVSWQYPM	52	>PDGFRA-Y5:SEVSWQNPM	605	553

>PDGFRA-Y5:SEVSWQYPM	73	>PDGFRA-Y5:SEVSWQNPM	141	68
>PDGFRA-Y5:SEVSWQYPM	269	>PDGFRA-Y5:SEVSWQNPM	670	401
>PDGFRA-Y5:SEVSWQYPM	28	>PDGFRA-Y5:SEVSWQNPM	63	35
>PDGFRA-Y5:SEVSWQYPM	304	>PDGFRA-Y5:SEVSWQNPM	1267	963
>PDGFRA-Y5:SEVSWQYPM	116	>PDGFRA-Y5:SEVSWQNPM	340	224
>PDGFRA-Y5:SEVSWQYPM	25	>PDGFRA-Y5:SEVSWQNPM	40	15
>PDGFRA-Y5:ESEVSWQY	27	>PDGFRA-Y5:ESEVSWQN	18687	18660
>PDGFRA-Y5:ESEVSWQY	33	>PDGFRA-Y5:ESEVSWQN	17173	17140
>PDGFRA-Y5:ESEVSWQYPI	299	>PDGFRA-Y5:ESEVSWQNP	712	413
>PDGFRA-Y5:ESEVSWQY	208	>PDGFRA-Y5:ESEVSWQN	31849	31641
>PDGFRA-Y5:GESEVSWQY	499	>PDGFRA-Y5:GESEVSWQN	24613	24114
>PDGFRA-Y5:GESEVSWQY	26	>PDGFRA-Y5:GESEVSWQN	4848	4822
>PDGFRA-Y5:GESEVSWQY	128	>PDGFRA-Y5:GESEVSWQN	700	572
>PDGFRA-Y5:GESEVSWQY	46	>PDGFRA-Y5:GESEVSWQN	77	31
>PDGFRA-Y5:GESEVSWQY	30	>PDGFRA-Y5:GESEVSWQN	50	20
>PDGFRA-Y5:GESEVSWQY	86	>PDGFRA-Y5:GESEVSWQN	1113	1027
>PDGFRA-Y5:GESEVSWQY	380	>PDGFRA-Y5:GESEVSWQN	922	542
>PDGFRA-Y5:GESEVSWQY	37	>PDGFRA-Y5:GESEVSWQN	2273	2236
>PDGFRA-Y5:GESEVSWQY	267	>PDGFRA-Y5:GESEVSWQN	667	400
>PDGFRA-Y5:GESEVSWQY	313	>PDGFRA-Y5:GESEVSWQN	639	326
>PDGFRA-Y5:GESEVSWQY	13	>PDGFRA-Y5:GESEVSWQN	20	7
>PDGFRA-Y5:FGSEVSWQY	331	>PDGFRA-Y5:FGSEVSWQY	31249	30918
>PDGFRA-Y8:YVSKGSTFL	131	>PDGFRA-Y8:CVSKGSTFL	5659	5528
>PDGFRA-Y8:YVSKGSTFLP\	28	>PDGFRA-Y8:CVSKGSTFLP\	988	960
>PDGFRA-Y8:YVSKGSTFL	10	>PDGFRA-Y8:CVSKGSTFL	165	155
>PDGFRA-Y8:YVSKGSTFLP\	28	>PDGFRA-Y8:CVSKGSTFLP\	488	460
>PDGFRA-Y8:YVSKGSTFL	22	>PDGFRA-Y8:CVSKGSTFL	698	676
>PDGFRA-Y8:YVSKGSTFLP\	5	>PDGFRA-Y8:CVSKGSTFLP\	78	73
>PDGFRA-Y8:YVSKGSTFL	10	>PDGFRA-Y8:CVSKGSTFL	634	624
>PDGFRA-Y8:YVSKGSTFLP\	4	>PDGFRA-Y8:CVSKGSTFLP\	45	41
>PDGFRA-Y8:YVSKGSTFL	415	>PDGFRA-Y8:CVSKGSTFL	12152	11737
>PDGFRA-Y8:YVSKGSTFLP\	22	>PDGFRA-Y8:CVSKGSTFLP\	2455	2433
>PDGFRA-Y8:YVSKGSTFLP\	43	>PDGFRA-Y8:CVSKGSTFLP\	1973	1930
>PDGFRA-Y8:YVSKGSTFL	52	>PDGFRA-Y8:CVSKGSTFL	6194	6142
>PDGFRA-Y8:YVSKGSTFLP\	15	>PDGFRA-Y8:CVSKGSTFLP\	1775	1760
>PDGFRA-Y8:YVSKGSTFL	196	>PDGFRA-Y8:CVSKGSTFL	3716	3520
>PDGFRA-Y8:YVSKGSTFLP\	44	>PDGFRA-Y8:CVSKGSTFLP\	1198	1154
>PDGFRA-Y8:YVSKGSTFL	19	>PDGFRA-Y8:CVSKGSTFL	4146	4127
>PDGFRA-Y8:YVSKGSTFLP\	4	>PDGFRA-Y8:CVSKGSTFLP\	332	328
>PDGFRA-Y8:YVSKGSTF	371	>PDGFRA-Y8:CVSKGSTF	541	170
>PDGFRA-Y8:YVSKGSTFL	77	>PDGFRA-Y8:CVSKGSTFL	239	162
>PDGFRA-Y8:YVSKGSTFLP\	18	>PDGFRA-Y8:CVSKGSTFLP\	34	16
>PDGFRA-Y8:YVSKGSTFL	273	>PDGFRA-Y8:CVSKGSTFL	8038	7765

>PDGFRA-Y8.YVSKGSTFLP\	11	>PDGFRA-Y8.CVSKGSTFLP\	383	372
>PDGFRA-Y8.YVSKGSTF	42	>PDGFRA-Y8.CVSKGSTF	410	368
>PDGFRA-Y8.YVSKGSTFLP\	287	>PDGFRA-Y8.CVSKGSTFLP\	4793	4506
>PDGFRA-Y8.YVSKGSTF	72	>PDGFRA-Y8.CVSKGSTF	1965	1893
>PDGFRA-Y8.YVSKGSTF	33	>PDGFRA-Y8.CVSKGSTF	318	285
>PDGFRA-Y8.YVSKGSTF	15	>PDGFRA-Y8.CVSKGSTF	355	340
>PDGFRA-Y8.YVSKGSTF	43	>PDGFRA-Y8.CVSKGSTF	363	320
>PDGFRA-Y8.YVSKGSTF	194	>PDGFRA-Y8.CVSKGSTF	1924	1730
>PDGFRA-Y8.YVSKGSTFL	49	>PDGFRA-Y8.CVSKGSTFL	1403	1354
>PDGFRA-Y8.YVSKGSTF	79	>PDGFRA-Y8.CVSKGSTF	816	737
>PDGFRA-Y8.NYVSKGSTF	354	>PDGFRA-Y8.NCVSKGSTF	31659	31305
>PDGFRA-Y8.NYVSKGSTFL	20	>PDGFRA-Y8.NCVSKGSTFL	16435	16415
>PDGFRA-Y8.NYVSKGSTF	72	>PDGFRA-Y8.NCVSKGSTF	6986	6914
>PDGFRA-Y8.NYVSKGSTFL	403	>PDGFRA-Y8.NCVSKGSTFL	19961	19558
>PDGFRA-Y8.NYVSKGSTF	150	>PDGFRA-Y8.NCVSKGSTF	10877	10727
>PDGFRA-Y8.NYVSKGSTF	17	>PDGFRA-Y8.NCVSKGSTF	13946	13929
>PDGFRA-Y8.NYVSKGSTFL	71	>PDGFRA-Y8.NCVSKGSTFL	22700	22629
>PDGFRA-Y8.NYVSKGSTF	330	>PDGFRA-Y8.NCVSKGSTF	33	297
>PDGFRA-Y8.NYVSKGSTFL	374	>PDGFRA-Y8.NCVSKGSTFL	24155	23781
>PDGFRA-Y8.LARDIMHDS\	292	>PDGFRA-Y8.LARDIMHDS\	26071	25779
>PDGFRA-Y8.LARDIMHDS\	146	>PDGFRA-Y8.LARDIMHDS\	28637	28491
>PDGFRA-Y8.LARDIMHDS\	202	>PDGFRA-Y8.LARDIMHDS\	18260	18058
>PDGFRA-Y8.LARDIMHDS\	258	>PDGFRA-Y8.LARDIMHDS\	14852	14594
>PDGFRA-Y8.LARDIMHDS\	6	>PDGFRA-Y8.LARDIMHDS\	7225	7219
>PDGFRA-Y8.LARDIMHDS\	104	>PDGFRA-Y8.LARDIMHDS\	16539	16435
>PDGFRA-Y8.LARDIMHDS\	53	>PDGFRA-Y8.LARDIMHDS\	8750	8697
>PDGFRA-Y8.SNYVSKGSTF	275	>PDGFRA-Y8.SNCVSKGSTF	12480	12205
>PDGFRA-Y8.SNYVSKGSTF	488	>PDGFRA-Y8.SNCVSKGSTF	5301	4813
>PDGFRA-Y8.SNYVSKGSTF	431	>PDGFRA-Y8.SNCVSKGSTF	1235	804
>PDGFRA-Y8.SNYVSKGSTF	144	>PDGFRA-Y8.SNCVSKGSTF	1645	1501
>PDGFRA-Y8.SNYVSKGSTF	40	>PDGFRA-Y8.SNCVSKGSTF	490	450
>PDGFRA-Y8.DSNYVSKGST	465	>PDGFRA-Y8.DSNYVSKGST	496	31
>PDGFRA-Y8.DSNYVSKGST	193	>PDGFRA-Y8.DSNYVSKGST	214	21
>PDGFRA-Y8.DSNYVSKGST	92	>PDGFRA-Y8.DSNYVSKGST	108	16
>PDGFRA-Y8.IMHDSNYV	14	>PDGFRA-Y8.IMHDSNCV	46	32
>PDGFRA-Y8.IMHDSNYV	3	>PDGFRA-Y8.IMHDSNCV	13	10
>PDGFRA-Y8.IMHDSNYV	3	>PDGFRA-Y8.IMHDSNCV	10	7
>PDGFRA-Y8.IMHDSNYV	15	>PDGFRA-Y8.IMHDSNCV	108	93
>PDGFRA-Y8.IMHDSNYV	2	>PDGFRA-Y8.IMHDSNCV	4	2
>PDGFRA-Y8.IMHDSNYVS	324	>PDGFRA-Y8.IMHDSNCVS	418	94
>PDGFRA-Y8.IMHDSNYV	3	>PDGFRA-Y8.IMHDSNCV	5	2
>PDGFRA-Y8.IMHDSNYV	7	>PDGFRA-Y8.IMHDSNCV	11	4
>PDGFRA-Y8.IMHDSNYV	3	>PDGFRA-Y8.IMHDSNCV	8	5



>PDGFRA-Y8·IMHDSNYV	2	>PDGFRA-Y8·IMHDSNCV	3	1
>PDGFRA-Y8·IMHDSNYVS	959	>PDGFRA-Y8·IMHDSNCVS	260	699
>PDGFRA-Y8·IMHDSNYVSI	399	>PDGFRA-Y8·IMHDSNCVSI	333	66
>PDGFRA-Y8·IMHDSNYVSI	35	>PDGFRA-Y8·IMHDSNCVSI	53	18
>PDGFRA-Y8·IMHDSNYVSI	80	>PDGFRA-Y8·IMHDSNCVSI	116	36
>PDGFRA-Y8·IMHDSNYVSI	15	>PDGFRA-Y8·IMHDSNCVSI	30	15
>PDGFRA-Y8·IMHDSNYV	93	>PDGFRA-Y8·IMHDSNCV	114	21
>PDGFRA-Y8·IMHDSNYVS	1028	>PDGFRA-Y8·IMHDSNCVS	442	586
>PDGFRA-Y8·IMHDSNYVSI	89	>PDGFRA-Y8·IMHDSNCVSI	136	47
>PDGFRA-Y8·DIMHDSNYV	334	>PDGFRA-Y8·DIMHDSNCV	2514	2180
>PDGFRA-Y8·DIMHDSNYV	299	>PDGFRA-Y8·DIMHDSNCV	1733	1434
>PDGFRA-Y8·DIMHDSNYV	22	>PDGFRA-Y8·DIMHDSNCV	150	128
>PDGFRA-Y8·DIMHDSNY	105	>PDGFRA-Y8·DIMHDSNC	15875	15770
>PDGFRA-Y8·DIMHDSNY	26	>PDGFRA-Y8·DIMHDSNC	19527	19501
>PDGFRA-Y8·DIMHDSNY	468	>PDGFRA-Y8·DIMHDSNC	32892	32424
>PDGFRA-Y8·DIMHDSNYV	43	>PDGFRA-Y8·DIMHDSNCV	54	11
>PDGFRA-Y8·DIMHDSNYV	15	>PDGFRA-Y8·DIMHDSNCV	54	39
>PDGFRA-Y8·DIMHDSNYV	12	>PDGFRA-Y8·DIMHDSNCV	301	289
>PDGFRA-Y8·DIMHDSNY	486	>PDGFRA-Y8·DIMHDSNC	28543	28057
>PDGFRA-Y8·RDIMHDSNY	173	>PDGFRA-Y8·RDIMHDSNC	273	100
>PDGFRA-Y8·ARDIMHDSN	330	>PDGFRA-Y8·ARDIMHDSN	31737	31407
>PDGFRA-Y8·ARDIMHDSN	230	>PDGFRA-Y8·ARDIMHDSN	6708	6478
>PDGFRB-A7·AKAQDGTf	15	>PDGFRB-A7·TKAQDGTf	55	40
>PDGFRB-A7·AKAQDGTfSS	26	>PDGFRB-A7·TKAQDGTfSS	120	94
>PDGFRB-A7·MAKAQDGTf	1131	>PDGFRB-A7·MTKAQDGTf	215	916
>PDGFRB-A7·MAKAQDGTf	405	>PDGFRB-A7·MTKAQDGTf	70	335
>PDGFRB-A7·MAKAQDGTf	109	>PDGFRB-A7·MTKAQDGTf	83	26
>PDGFRB-A7·MAKAQDGTf	10	>PDGFRB-A7·MTKAQDGTf	4	6
>PDGFRB-A7·MAKAQDGTf	17	>PDGFRB-A7·MTKAQDGTf	218	201
>PDGFRB-A7·MAKAQDGTf	332	>PDGFRB-A7·MTKAQDGTf	199	133
>PDGFRB-A7·MAKAQDGTf	1357	>PDGFRB-A7·MTKAQDGTf	59	1298
>PDGFRB-A7·MAKAQDGTf	143	>PDGFRB-A7·MTKAQDGTf	2498	2355
>PDGFRB-A7·RMSQEPPQE	388	>PDGFRB-A7·RMSQEPPQE	2878	2490
>PDGFRB-A7·RMSQEPPQE	203	>PDGFRB-A7·RMSQEPPQE	2459	2256
>PDGFRB-A7·RMSQEPPQE	33	>PDGFRB-A7·RMSQEPPQE	236	203
>PDGFRB-A7·RMSQEPPQE	252	>PDGFRB-A7·RMSQEPPQE	2572	2320
>PDGFRB-A7·RMSQEPPQE	80	>PDGFRB-A7·RMSQEPPQE	813	733
>PDGFRB-A7·EMAKAQDGT	198	>PDGFRB-A7·EMTKAQDGT	532	334
>PDGFRB-A7·EMAKAQDGT	159	>PDGFRB-A7·EMTKAQDGT	1724	1565
>PDGFRB-A7·EMAKAQDGT	206	>PDGFRB-A7·EMTKAQDGT	351	145
>PDGFRB-A7·EMAKAQDGT	289	>PDGFRB-A7·EMTKAQDGT	594	305
>PDGFRB-A7·QEMAKAQDC	199	>PDGFRB-A7·QEMTKAQDC	217	18
>PDGFRB-A7·QEMAKAQDC	358	>PDGFRB-A7·QEMTKAQDC	618	260

>PDGFRB-A7 QEMAKAQDC	279	>PDGFRB-A7 QEMTKAQDC	459	180
>PDGFRB-A7 QEMAKAQDC	139	>PDGFRB-A7 QEMTKAQDC	153	14
>PDGFRB-A7 QEMAKAQDC	496	>PDGFRB-A7 QEMTKAQDC	238	258
>PDGFRB-A7 SQEPPQEMA	321	>PDGFRB-A7 SQEPPQEMT	174	147
>PDGFRB-A7 MSQEPPQEM	23	>PDGFRB-A7 MSQEPPQEN	30	7
>PDGFRB-A7 MSQEPPQEM	81	>PDGFRB-A7 MSQEPPQEN	80	1
>PDGFRB-A7 MSQEPPQEM	307	>PDGFRB-A7 MSQEPPQEN	207	100
>PDGFRB-I18 IFEDRSYICK	2285	>PDGFRB-I18 MFEDRSYICK	426	1859
>PDGFRB-I18 IFEDRSYICK	755	>PDGFRB-I18 MFEDRSYICK	273	482
>PDGFRB-I18 IFEDRSYICK	307	>PDGFRB-I18 MFEDRSYICK	181	126
>PDGFRB-I18 IFEDRSYI	2038	>PDGFRB-I18 MFEDRSYI	332	1706
>PDGFRB-I18 GIFEDRSYI	336	>PDGFRB-I18 GMFEDRSYI	26	310
>PDGFRB-I18 GIFEDRSYI	124	>PDGFRB-I18 GMFEDRSYI	13	111
>PDGFRB-I18 GIFEDRSYI	67	>PDGFRB-I18 GMFEDRSYI	9	58
>PDGFRB-I18 GIFEDRSYI	122	>PDGFRB-I18 GMFEDRSYI	52	70
>PDGFRB-I18 GIFEDRSYI	31	>PDGFRB-I18 GMFEDRSYI	3	28
>PDGFRB-I18 GIFEDRSYIC	1094	>PDGFRB-I18 GMFEDRSYIC	33	1061
>PDGFRB-I18 GIFEDRSYI	230	>PDGFRB-I18 GMFEDRSYI	7	223
>PDGFRB-I18 GIFEDRSYIC	1391	>PDGFRB-I18 GMFEDRSYIC	27	1364
>PDGFRB-I18 GIFEDRSYI	134	>PDGFRB-I18 GMFEDRSYI	8	126
>PDGFRB-I18 GIFEDRSYIC	6903	>PDGFRB-I18 GMFEDRSYIC	275	6628
>PDGFRB-I18 GIFEDRSYI	6553	>PDGFRB-I18 GMFEDRSYI	144	6409
>PDGFRB-I18 GIFEDRSYI	72	>PDGFRB-I18 GMFEDRSYI	8	64
>PDGFRB-I18 GIFEDRSYIC	2568	>PDGFRB-I18 GMFEDRSYIC	51	2517
>PDGFRB-I18 GIFEDRSYICK	90	>PDGFRB-I18 GMFEDRSYIC	47	43
>PDGFRB-I18 GIFEDRSYICK	17	>PDGFRB-I18 GMFEDRSYIC	14	3
>PDGFRB-I18 GIFEDRSY	158	>PDGFRB-I18 GMFEDRSY	31	127
>PDGFRB-I18 GIFEDRSY	132	>PDGFRB-I18 GMFEDRSY	34	98
>PDGFRB-I18 GIFEDRSYICK	1227	>PDGFRB-I18 GMFEDRSYIC	265	962
>PDGFRB-I18 GIFEDRSYICK	143	>PDGFRB-I18 GMFEDRSYIC	427	284
>PDGFRB-I18 GIFEDRSY	190	>PDGFRB-I18 GMFEDRSY	49	141
>PDGFRB-I18 GIFEDRSY	389	>PDGFRB-I18 GMFEDRSY	53	336
>PDGFRB-I18 GIFEDRSY	1278	>PDGFRB-I18 GMFEDRSY	23	1255
>PDGFRB-I18 GIFEDRSYI	4854	>PDGFRB-I18 GMFEDRSYI	144	4710
>PDGFRB-I18 SGIFEDRSYI	97	>PDGFRB-I18 SGMFEDRSYI	117	20
>PDGFRB-I18 SGIFEDRSY	176	>PDGFRB-I18 SGMFEDRSY	153	23
>PDGFRB-I18 FSGIFEDRSY	270	>PDGFRB-I18 FSGMFEDRSY	256	14
>PDGFRB-I18 FSGIFEDRSY	392	>PDGFRB-I18 FSGMFEDRSY	292	100
>PDGFRB-I18 FSGIFEDRSY	168	>PDGFRB-I18 FSGMFEDRSY	159	9
>PDGFRB-I18 FSGIFEDR	96	>PDGFRB-I18 FSGMFEDR	87	9
>PDGFRB-I18 FSGIFEDRSY	837	>PDGFRB-I18 FSGMFEDRSY	386	451
>PDGFRB-I18 FSGIFEDRSY	93	>PDGFRB-I18 FSGMFEDRSY	142	49
>PDGFRB-I18 FSGIFEDRSY	95	>PDGFRB-I18 FSGMFEDRSY	277	182

>PDGFRB-I18 FSGIFEDRSYI	43	>PDGFRB-I18 FSGMFEDRSY	49	6
>PDGFRB-I18 GFSGIFEDRSY	28	>PDGFRB-I18 GFSGMFEDRS	32	4
>PDGFRB-I18 GFSGIFEDRSY	307	>PDGFRB-I18 GFSGMFEDRS	506	199
>PDGFRB-I18 GFSGIFEDR	331	>PDGFRB-I18 GFSGMFEDR	622	291
>PDGFRB-I18 GFSGIFEDR	361	>PDGFRB-I18 GFSGMFEDR	697	336
>PDGFRB-I18 RGFSGIFEDR	199	>PDGFRB-I18 RGFSGMFED	326	127
>PDGFRB-I18 RGFSGIFEDR	700	>PDGFRB-I18 RGFSGMFED	381	319
>PDGFRB-I18 RGFSGIFEDR	87	>PDGFRB-I18 RGFSGMFED	130	43
>PDGFRB-I18 QRGFSGIF	265	>PDGFRB-I18 QRGFSGMF	249	16
>PDGFRB-I18 HQRGFSGI	422	>PDGFRB-I18 HQRGFSGM	1887	1465
>PDGFRB-I18 HQRGFSGI	3601	>PDGFRB-I18 HQRGFSGM	113	3488
>PDGFRB-I18 HQRGFSGI	72	>PDGFRB-I18 HQRGFSGM	219	147
>PDGFRB-I18 HQRGFSGIFE	347	>PDGFRB-I18 HQRGFSGMF	272	75
>PDGFRB-I18 HQRGFSGI	429	>PDGFRB-I18 HQRGFSGM	61	368
>PDGFRB-I18 HQRGFSGIF	48	>PDGFRB-I18 HQRGFSGMF	45	3
>PDGFRB-I18 HQRGFSGI	407	>PDGFRB-I18 HQRGFSGM	63	344
>PDGFRB-I18 HQRGFSGIF	21	>PDGFRB-I18 HQRGFSGMF	20	1
>PDGFRB-I18 HQRGFSGI	172	>PDGFRB-I18 HQRGFSGM	53	119
>PDGFRB-I18 HQRGFSGIF	13	>PDGFRB-I18 HQRGFSGMF	16	3
>PDGFRB-I18 HQRGFSGIF	724	>PDGFRB-I18 HQRGFSGMF	380	344
>PDGFRB-I18 YDHQRGFSGI	396	>PDGFRB-I18 YDHQRGFSGI	5453	5057
>PDGFRB-I18 YDHQRGFSGI	5653	>PDGFRB-I18 YDHQRGFSGI	347	5306
>PDGFRB-I18 YDHQRGFSGI	537	>PDGFRB-I18 YDHQRGFSGI	303	234
>PDGFRB-L98 LRSQARLPGF	101	>PDGFRB-L98 FRSQARLPGF	52	49
>PDGFRB-L98 LRSQARLPGF	293	>PDGFRB-L98 FRSQARLPGF	222	71
>PDGFRB-L98 LRSQARLPGF	404	>PDGFRB-L98 FRSQARLPGF	172	232
>PDGFRB-L98 LRSQARLPGF	575	>PDGFRB-L98 FRSQARLPGF	451	124
>PDGFRB-L98 ILRSQARL	371	>PDGFRB-L98 IFRSQARL	210	161
>PDGFRB-L98 ILRSQARL	255	>PDGFRB-L98 IFRSQARL	13129	12874
>PDGFRB-L98 ILRSQARL	169	>PDGFRB-L98 IFRSQARL	17761	17592
>PDGFRB-L98 ILRSQARL	375	>PDGFRB-L98 IFRSQARL	21868	21493
>PDGFRB-L98 ILRSQARL	11	>PDGFRB-L98 IFRSQARL	14384	14373
>PDGFRB-L98 ILRSQARLPGI	15188	>PDGFRB-L98 IFRSQARLPGI	400	14788
>PDGFRB-L98 ILRSQARL	730	>PDGFRB-L98 IFRSQARL	329	401
>PDGFRB-L98 ILRSQARLPG	232	>PDGFRB-L98 IFRSQARLPG	109	123
>PDGFRB-L98 ILRSQARLPGI	117	>PDGFRB-L98 IFRSQARLPGI	2529	2412
>PDGFRB-L98 ILRSQARLPGI	449	>PDGFRB-L98 IFRSQARLPGI	1915	1466
>PDGFRB-L98 ILRSQARLPGI	27	>PDGFRB-L98 IFRSQARLPGI	551	524
>PDGFRB-L98 ILRSQARLPGI	48	>PDGFRB-L98 IFRSQARLPGI	5870	5822
>PDGFRB-L98 EFLRSDHPAIL	1406	>PDGFRB-L98 EFLRSDHPAIF	80	1326
>PDGFRB-L98 EFLRSDHPAIL	3132	>PDGFRB-L98 EFLRSDHPAIF	250	2882
>PDGFRB-L98 AILRSQARL	624	>PDGFRB-L98 AIFRSQARL	128	496
>PDGFRB-L98 AILRSQARL	1272	>PDGFRB-L98 AIFRSQARL	116	1156

>PDGFRB-L9{AILRSQARL	3327	>PDGFRB-L9{AIFRSQARL	420	2907
>PDGFRB-L9{AILRSQARL	274	>PDGFRB-L9{AIFRSQARL	156	118
>PDGFRB-L9{AILRSQARL	20	>PDGFRB-L9{AIFRSQARL	14	6
>PDGFRB-L9{AILRSQAR	2160	>PDGFRB-L9{AIFRSQAR	313	1847
>PDGFRB-L9{AILRSQAR	882	>PDGFRB-L9{AIFRSQAR	150	732
>PDGFRB-L9{AILRSQARL	951	>PDGFRB-L9{AIFRSQARL	475	476
>PDGFRB-L9{AILRSQARLP{	523	>PDGFRB-L9{AIFRSQARLP{	268	255
>PDGFRB-L9{AILRSQAR	46	>PDGFRB-L9{AIFRSQAR	20	26
>PDGFRB-L9{AILRSQAR	2207	>PDGFRB-L9{AIFRSQAR	113	2094
>PDGFRB-L9{AILRSQARL	1041	>PDGFRB-L9{AIFRSQARL	362	679
>PDGFRB-L9{HPAILRSQAR	216	>PDGFRB-L9{HPAIFRSQAR	136	80
>PDGFRB-L9{HPAILRSQ	311	>PDGFRB-L9{HPAIFRSQ	286	25
>PDGFRB-L9{HPAILRSQA	42	>PDGFRB-L9{HPAIFRSQA	33	9
>PDGFRB-L9{HPAILRSQAR	28	>PDGFRB-L9{HPAIFRSQAR	26	2
>PDGFRB-L9{HPAILRSQAR	412	>PDGFRB-L9{HPAIFRSQAR	353	59
>PDGFRB-L9{HPAILRSQAR	305	>PDGFRB-L9{HPAIFRSQAR	285	20
>PDGFRB-L9{HPAILRSQA	23	>PDGFRB-L9{HPAIFRSQA	26	3
>PDGFRB-L9{HPAILRSQAR	164	>PDGFRB-L9{HPAIFRSQAR	168	4
>PDGFRB-L9{HPAILRSQAR	506	>PDGFRB-L9{HPAIFRSQAR	254	252
>PDGFRB-L9{RSDHPAILR	609	>PDGFRB-L9{RSDHPAIFR	329	280
>PDGFRB-L9{RSDHPAILR	419	>PDGFRB-L9{RSDHPAIFR	140	279
>PDGFRB-L9{RSDHPAILR	357	>PDGFRB-L9{RSDHPAIFR	82	275
>PDGFRB-L9{RSDHPAIL	1228	>PDGFRB-L9{RSDHPAIF	306	922
>PDGFRB-L9{RSDHPAIL	3380	>PDGFRB-L9{RSDHPAIF	152	3228
>PDGFRB-L9{RSDHPAIL	8	>PDGFRB-L9{RSDHPAIF	4	4
>PDGFRB-L9{RSDHPAIL	287	>PDGFRB-L9{RSDHPAIF	27	260
>PDGFRB-L9{RSDHPAIL	62	>PDGFRB-L9{RSDHPAIF	22	40
>PDGFRB-L9{RSDHPAILR	1118	>PDGFRB-L9{RSDHPAIFR	424	694
>PDGFRB-L9{RSDHPAIL	247	>PDGFRB-L9{RSDHPAIF	6544	6297
>PDGFRB-L9{LRSDHPAILR	938	>PDGFRB-L9{LRSDHPAIFR	311	627
>PDGFRB-L9{LRSDHPAILR	528	>PDGFRB-L9{LRSDHPAIFR	315	213
>PDGFRB-L9{LRSDHPAIL	484	>PDGFRB-L9{LRSDHPAIF	35	449
>PDGFRB-L9{LRSDHPAIL	71	>PDGFRB-L9{LRSDHPAIF	2249	2178
>PDGFRB-L9{LRSDHPAIL	75	>PDGFRB-L9{LRSDHPAIF	252	177
>PDGFRB-L9{LRSDHPAIL	1062	>PDGFRB-L9{LRSDHPAIF	102	960
>PDGFRB-L9{LRSDHPAILR	851	>PDGFRB-L9{LRSDHPAIFR	390	461
>PDGFRB-L9{FLRSDHPAIL	443	>PDGFRB-L9{FLRSDHPAIF	9680	9237
>PDGFRB-L9{FLRSDHPAIL	18	>PDGFRB-L9{FLRSDHPAIF	2431	2413
>PDGFRB-L9{FLRSDHPAIL	30	>PDGFRB-L9{FLRSDHPAIF	4672	4642
>PDGFRB-L9{FLRSDHPAIL	34	>PDGFRB-L9{FLRSDHPAIF	3281	3247
>PDGFRB-L9{FLRSDHPAIL	61	>PDGFRB-L9{FLRSDHPAIF	10384	10323
>PDGFRB-L9{FLRSDHPAIL	331	>PDGFRB-L9{FLRSDHPAIF	14232	13901
>PDGFRB-L9{FLRSDHPAIL	5	>PDGFRB-L9{FLRSDHPAIF	876	871

>PDGFRB-L9{FLRSDHPAILF	567	>PDGFRB-L9{FLRSDHPAIF	175	392
>PDGFRB-L9{FLRSDHPAILF	265	>PDGFRB-L9{FLRSDHPAIF	86	179
>PDGFRB-L9{FLRSDHPAILF	197	>PDGFRB-L9{FLRSDHPAIF	92	105
>PDGFRB-L9{FLRSDHPAIL	781	>PDGFRB-L9{FLRSDHPAIF	55	726
>PDGFRB-L9{FLRSDHPAIL	966	>PDGFRB-L9{FLRSDHPAIF	48	918
>PDGFRB-L9{FLRSDHPAIL	79	>PDGFRB-L9{FLRSDHPAIF	5	74
>PDGFRB-L9{FLRSDHPAIL	1295	>PDGFRB-L9{FLRSDHPAIF	123	1172
>PDGFRB-R8.RDIMRDSNYI	374	>PDGFRB-R8.GDIMRDSNYI	1571	1197
>PDGFRB-R8.RDIMRDSNYI	109	>PDGFRB-R8.GDIMRDSNYI	163	54
>PDGFRB-R8.ARDIMRDSN'	247	>PDGFRB-R8.AGDIMRDSN'	132	115
>PDGFRB-R8.ARDIMRDSN'	188	>PDGFRB-R8.AGDIMRDSN'	29011	28823
>PDGFRB-R8.LVKICDFGLAF	25	>PDGFRB-R8.LVKICDFGLAC	16732	16707
>PDGFRB-R8.LVKICDFGLAF	236	>PDGFRB-R8.LVKICDFGLAC	31849	31613
>PDGFRB-R8.LVKICDFGLAF	213	>PDGFRB-R8.LVKICDFGLAC	35747	35534
>PDGFRB-R8.LVKICDFGLAF	300	>PDGFRB-R8.LVKICDFGLAC	35277	34977
>PDGFRB-R8.LARDIMRDSN'	934	>PDGFRB-R8.LAGDIMRDSN'	435	499
>PDGFRB-R8.LARDIMRDSN'	367	>PDGFRB-R8.LAGDIMRDSN'	345	22
>PDGFRB-R8.LARDIMRDSN'	272	>PDGFRB-R8.LAGDIMRDSN'	872	600
>PDGFRB-R8.LARDIMRDSN'	372	>PDGFRB-R8.LAGDIMRDSN'	3655	3283
>PDGFRB-R8.LARDIMRDSN'	7	>PDGFRB-R8.LAGDIMRDSN'	126	119
>PDGFRB-R8.LARDIMRDSN'	280	>PDGFRB-R8.LAGDIMRDSN'	290	10
>PDGFRB-R8.LARDIMRDSN'	39	>PDGFRB-R8.LAGDIMRDSN'	485	446
>PDGFRB-R8.GLARDIMR	525	>PDGFRB-R8.GLAGDIMR	442	83
>PDGFRB-R8.FGLARDIMR	608	>PDGFRB-R8.FGLAGDIMR	138	470
>PDGFRB-R8.FGLARDIMR	305	>PDGFRB-R8.FGLAGDIMR	909	604
>PDGFRB-R8.DFGLARDIMF	49	>PDGFRB-R8.DFGLAGDIMI	88	39
>PDGFRB-R8.DFGLARDIMF	377	>PDGFRB-R8.DFGLAGDIMI	513	136
>PDGFRB-R8.DFGLARDIMF	414	>PDGFRB-R8.DFGLAGDIMI	955	541
>PDGFRB-R8.CDFGLARDIN	457	>PDGFRB-R8.CDFGLAGDIM	641	184
>PDGFRB-R8.CDFGLARDI	84	>PDGFRB-R8.CDFGLAGDI	27	57
>PDGFRB-R8.CDFGLARDIN	1083	>PDGFRB-R8.CDFGLAGDIM	458	625
>PDGFRB-R8.ICDFGLARDIN	428	>PDGFRB-R8.ICDFGLAGDIM	350	78
>PDGFRB-R8.KICDFGLAR	53	>PDGFRB-R8.KICDFGLAG	16854	16801
>PDGFRB-R8.KICDFGLAR	30	>PDGFRB-R8.KICDFGLAG	16224	16194
>PDGFRB-R8.KICDFGLARD	109	>PDGFRB-R8.KICDFGLAGD	347	238
>PDGFRB-R8.KICDFGLAR	14	>PDGFRB-R8.KICDFGLAG	16057	16043
>PDGFRB-R8.VKICDFGLAR	155	>PDGFRB-R8.VKICDFGLAG	1877	1722
>PDGFRB-T5.TIISLIIL	1112	>PDGFRB-T5.IIISLIIL	160	952
>PDGFRB-T5.TIISLIILIML	802	>PDGFRB-T5.IIISLIILIML	364	438
>PDGFRB-T5.TIISLIIL	377	>PDGFRB-T5.IIISLIIL	146	231
>PDGFRB-T5.TIISLIILI	84	>PDGFRB-T5.IIISLIILI	51	33
>PDGFRB-T5.TIISLIILIML	117	>PDGFRB-T5.IIISLIILIML	63	54
>PDGFRB-T5.TIISLIIL	363	>PDGFRB-T5.IIISLIIL	204	159

>PDGFRB-T5·TIISLIILI	199	>PDGFRB-T5·IIISLIILI	108	91
>PDGFRB-T5·TIISLIILIM	400	>PDGFRB-T5·IIISLIILIM	296	104
>PDGFRB-T5·TIISLIILIML	143	>PDGFRB-T5·IIISLIILIML	90	53
>PDGFRB-T5·TIISLIIL	329	>PDGFRB-T5·IIISLIIL	208	121
>PDGFRB-T5·TIISLIILI	106	>PDGFRB-T5·IIISLIILI	69	37
>PDGFRB-T5·TIISLIILIM	421	>PDGFRB-T5·IIISLIILIM	460	39
>PDGFRB-T5·TIISLIILIML	286	>PDGFRB-T5·IIISLIILIML	199	87
>PDGFRB-T5·TIISLIIL	215	>PDGFRB-T5·IIISLIIL	106	109
>PDGFRB-T5·TIISLIILI	92	>PDGFRB-T5·IIISLIILI	54	38
>PDGFRB-T5·TIISLIILIM	505	>PDGFRB-T5·IIISLIILIM	450	55
>PDGFRB-T5·TIISLIILIML	109	>PDGFRB-T5·IIISLIILIML	63	46
>PDGFRB-T5·TIISLIILI	386	>PDGFRB-T5·IIISLIILI	71	315
>PDGFRB-T5·TIISLIILIML	337	>PDGFRB-T5·IIISLIILIML	67	270
>PDGFRB-T5·TIISLIIL	740	>PDGFRB-T5·IIISLIIL	219	521
>PDGFRB-T5·TIISLIILI	1418	>PDGFRB-T5·IIISLIILI	442	976
>PDGFRB-T5·TIISLIILIML	480	>PDGFRB-T5·IIISLIILIML	116	364
>PDGFRB-T5·TIISLIIL	97	>PDGFRB-T5·IIISLIIL	723	626
>PDGFRB-T5·TIISLIILIM	26	>PDGFRB-T5·IIISLIILIM	201	175
>PDGFRB-T5·TIISLIILIML	115	>PDGFRB-T5·IIISLIILIML	847	732
>PDGFRB-T5·TIISLIIL	308	>PDGFRB-T5·IIISLIIL	3004	2696
>PDGFRB-T5·TIISLIILI	19	>PDGFRB-T5·IIISLIILI	256	237
>PDGFRB-T5·TIISLIILIML	61	>PDGFRB-T5·IIISLIILIML	905	844
>PDGFRB-T5·TIISLIILI	175	>PDGFRB-T5·IIISLIILI	2405	2230
>PDGFRB-T5·TIISLIILIML	124	>PDGFRB-T5·IIISLIILIML	1767	1643
>PDGFRB-T5·TIISLIIL	376	>PDGFRB-T5·IIISLIIL	4534	4158
>PDGFRB-T5·TIISLIILIM	254	>PDGFRB-T5·IIISLIILIM	473	219
>PDGFRB-T5·LTIISLIILI	470	>PDGFRB-T5·LIIISLIILI	258	212
>PDGFRB-T5·LTIISLIILI	284	>PDGFRB-T5·LIIISLIILI	180	104
>PDGFRB-T5·LTIISLII	1336	>PDGFRB-T5·LIIISLII	283	1053
>PDGFRB-T5·LTIISLIILI	461	>PDGFRB-T5·LIIISLIILI	254	207
>PDGFRB-T5·LTIISLII	694	>PDGFRB-T5·LIIISLII	277	417
>PDGFRB-T5·LTIISLIIL	580	>PDGFRB-T5·LIIISLIIL	230	350
>PDGFRB-T5·LTIISLIILI	83	>PDGFRB-T5·LIIISLIILI	81	2
>PDGFRB-T5·LTIISLIILI	1020	>PDGFRB-T5·LIIISLIILI	272	748
>PDGFRB-T5·LTIISLIIL	4456	>PDGFRB-T5·LIIISLIIL	186	4270
>PDGFRB-T5·LTIISLIILI	7218	>PDGFRB-T5·LIIISLIILI	332	6886
>PDGFRB-T5·LTIISLIIL	248	>PDGFRB-T5·LIIISLIIL	2221	1973
>PDGFRB-T5·LTIISLIILIM	73	>PDGFRB-T5·LIIISLIILIM	560	487
>PDGFRB-T5·LTIISLIILI	209	>PDGFRB-T5·LIIISLIILI	910	701
>PDGFRB-T5·LTIISLII	15	>PDGFRB-T5·LIIISLII	4572	4557
>PDGFRB-T5·LTIISLIIL	6	>PDGFRB-T5·LIIISLIIL	1892	1886
>PDGFRB-T5·LTIISLIILI	23	>PDGFRB-T5·LIIISLIILI	6230	6207
>PDGFRB-T5·LTIISLIILIM	6	>PDGFRB-T5·LIIISLIILIM	1227	1221

>PDGFRB-T5·LTIISLII	139	>PDGFRB-T5·LIIISLII	2190	2051
>PDGFRB-T5·LTIISLIIL	467	>PDGFRB-T5·LIIISLIIL	7066	6599
>PDGFRB-T5·LTIISLIILI	206	>PDGFRB-T5·LIIISLIILI	2618	2412
>PDGFRB-T5·LTIISLIILIM	98	>PDGFRB-T5·LIIISLIILIM	1242	1144
>PDGFRB-T5·LTIISLII	64	>PDGFRB-T5·LIIISLII	11507	11443
>PDGFRB-T5·LTIISLIIL	97	>PDGFRB-T5·LIIISLIIL	5736	5639
>PDGFRB-T5·LTIISLIILI	86	>PDGFRB-T5·LIIISLIILI	5399	5313
>PDGFRB-T5·LTIISLIILIM	139	>PDGFRB-T5·LIIISLIILIM	6844	6705
>PDGFRB-T5·LTIISLIIL	312	>PDGFRB-T5·LIIISLIIL	7278	6966
>PDGFRB-T5·LTIISLIILI	68	>PDGFRB-T5·LIIISLIILI	2614	2546
>PDGFRB-T5·LTIISLIILIM	32	>PDGFRB-T5·LIIISLIILIM	1631	1599
>PDGFRB-T5·LTIISLII	24	>PDGFRB-T5·LIIISLII	2625	2601
>PDGFRB-T5·LTIISLIIL	329	>PDGFRB-T5·LIIISLIIL	17239	16910
>PDGFRB-T5·LTIISLIILI	128	>PDGFRB-T5·LIIISLIILI	5349	5221
>PDGFRB-T5·ISAILALVVLT	1874	>PDGFRB-T5·ISAILALVVLI	33	1841
>PDGFRB-T5·ISAILALVVLT	9134	>PDGFRB-T5·ISAILALVVLI	46	9088
>PDGFRB-T5·ISAILALVVLT	3220	>PDGFRB-T5·ISAILALVVLI	46	3174
>PDGFRB-T5·ISAILALVVLT	2442	>PDGFRB-T5·ISAILALVVLI	265	2177
>PDGFRB-T5·ISAILALVVLT	29500	>PDGFRB-T5·ISAILALVVLI	52	29448
>PDGFRB-T5·VLTIIISLI	399	>PDGFRB-T5·VLIISLI	86	313
>PDGFRB-T5·VLTIIISLII	1146	>PDGFRB-T5·VLIISLII	200	946
>PDGFRB-T5·VLTIIISLIIL	770	>PDGFRB-T5·VLIISLIIL	217	553
>PDGFRB-T5·VLTIIISLIILI	207	>PDGFRB-T5·VLIISLIILI	61	146
>PDGFRB-T5·VLTIIISLI	54	>PDGFRB-T5·VLIISLI	40	14
>PDGFRB-T5·VLTIIISLII	370	>PDGFRB-T5·VLIISLII	282	88
>PDGFRB-T5·VLTIIISLIIL	226	>PDGFRB-T5·VLIISLIIL	142	84
>PDGFRB-T5·VLTIIISLIILI	113	>PDGFRB-T5·VLIISLIILI	87	26
>PDGFRB-T5·VLTIIISLI	58	>PDGFRB-T5·VLIISLI	20	38
>PDGFRB-T5·VLTIIISLII	443	>PDGFRB-T5·VLIISLII	130	313
>PDGFRB-T5·VLTIIISLIIL	424	>PDGFRB-T5·VLIISLIIL	223	201
>PDGFRB-T5·VLTIIISLIILI	233	>PDGFRB-T5·VLIISLIILI	64	169
>PDGFRB-T5·VLTIIISLI	1240	>PDGFRB-T5·VLIISLI	406	834
>PDGFRB-T5·VLTIIISLIIL	1086	>PDGFRB-T5·VLIISLIIL	304	782
>PDGFRB-T5·VLTIIISLIILI	1381	>PDGFRB-T5·VLIISLIILI	468	913
>PDGFRB-T5·VLTIIISLI	32	>PDGFRB-T5·VLIISLI	12	20
>PDGFRB-T5·VLTIIISLII	296	>PDGFRB-T5·VLIISLII	81	215
>PDGFRB-T5·VLTIIISLIIL	196	>PDGFRB-T5·VLIISLIIL	58	138
>PDGFRB-T5·VLTIIISLIILI	34	>PDGFRB-T5·VLIISLIILI	14	20
>PDGFRB-T5·VLTIIISLI	421	>PDGFRB-T5·VLIISLI	87	334
>PDGFRB-T5·VLTIIISLII	804	>PDGFRB-T5·VLIISLII	160	644
>PDGFRB-T5·VLTIIISLIIL	286	>PDGFRB-T5·VLIISLIIL	69	217
>PDGFRB-T5·VLTIIISLIILI	437	>PDGFRB-T5·VLIISLIILI	100	337
>PDGFRB-T5·VLTIIISLI	40	>PDGFRB-T5·VLIISLI	54	14

>PDGFRB-T5·VLTIIISLII	74	>PDGFRB-T5·VLIISLII	112	38
>PDGFRB-T5·VLTIIISLIIL	45	>PDGFRB-T5·VLIISLIIL	62	17
>PDGFRB-T5·VLTIIISLIILI	29	>PDGFRB-T5·VLIISLIILI	40	11
>PDGFRB-T5·VLTIIISLI	9	>PDGFRB-T5·VLIISLI	12	3
>PDGFRB-T5·VLTIIISLII	35	>PDGFRB-T5·VLIISLII	64	29
>PDGFRB-T5·VLTIIISLIIL	8	>PDGFRB-T5·VLIISLIIL	12	4
>PDGFRB-T5·VLTIIISLIILI	11	>PDGFRB-T5·VLIISLIILI	16	5
>PDGFRB-T5·VVLTIISL	210	>PDGFRB-T5·VVLIIISL	263	53
>PDGFRB-T5·VVLTIISL	217	>PDGFRB-T5·VVLIIISL	413	196
>PDGFRB-T5·VVLTIISLI	295	>PDGFRB-T5·VVLIIISLI	886	591
>PDGFRB-T5·VVLTIISLI	189	>PDGFRB-T5·VVLIIISLI	477	288
>PDGFRB-T5·VVLTIISL	62	>PDGFRB-T5·VVLIIISL	115	53
>PDGFRB-T5·VVLTIISLI	73	>PDGFRB-T5·VVLIIISLI	204	131
>PDGFRB-T5·VVLTIISLII	446	>PDGFRB-T5·VVLIIISLII	418	28
>PDGFRB-T5·VVLTIISLIIL	167	>PDGFRB-T5·VVLIIISLIIL	340	173
>PDGFRB-T5·VVLTIISL	72	>PDGFRB-T5·VVLIIISL	52	20
>PDGFRB-T5·VVLTIISLI	131	>PDGFRB-T5·VVLIIISLI	87	44
>PDGFRB-T5·VVLTIISLIIL	611	>PDGFRB-T5·VVLIIISLIIL	423	188
>PDGFRB-T5·VVLTIISL	346	>PDGFRB-T5·VVLIIISL	240	106
>PDGFRB-T5·VVLTIISL	156	>PDGFRB-T5·VVLIIISL	389	233
>PDGFRB-T5·VVLTIISLI	478	>PDGFRB-T5·VVLIIISLI	1351	873
>PDGFRB-T5·VVLTIISL	64	>PDGFRB-T5·VVLIIISL	66	2
>PDGFRB-T5·VVLTIISLIIL	420	>PDGFRB-T5·VVLIIISLIIL	410	10
>PDGFRB-T5·VVLTIISLII	454	>PDGFRB-T5·VVLIIISLII	904	450
>PDGFRB-T5·VVLTIISLI	216	>PDGFRB-T5·VVLIIISLI	537	321
>PDGFRB-T5·VVLTIISLI	47	>PDGFRB-T5·VVLIIISLI	77	30
>PDGFRB-T5·VVLTIISLIIL	348	>PDGFRB-T5·VVLIIISLIIL	550	202
>PDGFRB-T5·LVVLTIIISLI	323	>PDGFRB-T5·LVVLIISLI	305	18
>PDGFRB-T5·LVVLTIIISLI	282	>PDGFRB-T5·LVVLIISLI	350	68
>PDGFRB-T5·LVVLTIIISL	172	>PDGFRB-T5·LVVLIISL	131	41
>PDGFRB-T5·LVVLTIIISLI	179	>PDGFRB-T5·LVVLIISLI	246	67
>PDGFRB-T5·LVVLTIIISL	225	>PDGFRB-T5·LVVLIISL	199	26
>PDGFRB-T5·LVVLTIIISL	1233	>PDGFRB-T5·LVVLIISL	135	1098
>PDGFRB-T5·LVVLTIIISLI	559	>PDGFRB-T5·LVVLIISLI	372	187
>PDGFRB-T5·LVVLTIIISLII	1560	>PDGFRB-T5·LVVLIISLII	415	1145
>PDGFRB-T5·LVVLTIIISLI	98	>PDGFRB-T5·LVVLIISLI	160	62
>PDGFRB-T5·ALVVLTII	424	>PDGFRB-T5·ALVVLIIL	218	206
>PDGFRB-T5·ALVVLTIIISL	128	>PDGFRB-T5·ALVVLIISL	131	3
>PDGFRB-T5·ALVVLTIIISLI	169	>PDGFRB-T5·ALVVLIISLI	136	33
>PDGFRB-T5·ALVVLTII	112	>PDGFRB-T5·ALVVLIIL	294	182
>PDGFRB-T5·ALVVLTIIISL	64	>PDGFRB-T5·ALVVLIISL	64	0
>PDGFRB-T5·ALVVLTIIISLI	44	>PDGFRB-T5·ALVVLIISLI	70	26
>PDGFRB-T5·ALVVLTII	49	>PDGFRB-T5·ALVVLIIL	137	88



>PDGFRB-T5·ALVVLTIIISL	82	>PDGFRB-T5·ALVVLIISL	107	25
>PDGFRB-T5·ALVVLTIIISLI	36	>PDGFRB-T5·ALVVLIISLI	38	2
>PDGFRB-T5·ALVVLTII	300	>PDGFRB-T5·ALVVLI	329	29
>PDGFRB-T5·ALVVLTIIISL	128	>PDGFRB-T5·ALVVLIISL	171	43
>PDGFRB-T5·ALVVLTIIISLI	416	>PDGFRB-T5·ALVVLIISLI	428	12
>PDGFRB-T5·ALVVLTII	169	>PDGFRB-T5·ALVVLI	57	112
>PDGFRB-T5·ALVVLTIIISL	34	>PDGFRB-T5·ALVVLIISL	17	17
>PDGFRB-T5·ALVVLTIIISLI	57	>PDGFRB-T5·ALVVLIISLI	26	31
>PDGFRB-T5·ALVVLTII	222	>PDGFRB-T5·ALVVLI	128	94
>PDGFRB-T5·ALVVLTIIISL	69	>PDGFRB-T5·ALVVLIISL	87	18
>PDGFRB-T5·ALVVLTIIISLI	197	>PDGFRB-T5·ALVVLIISLI	235	38
>PDGFRB-T5·ALVVLTII	184	>PDGFRB-T5·ALVVLI	106	78
>PDGFRB-T5·ALVVLTIIISL	52	>PDGFRB-T5·ALVVLIISL	41	11
>PDGFRB-T5·ALVVLTIIISLI	118	>PDGFRB-T5·ALVVLIISLI	80	38
>PDGFRB-T5·ALVVLTII	39	>PDGFRB-T5·ALVVLI	33	6
>PDGFRB-T5·ALVVLTIIISL	5	>PDGFRB-T5·ALVVLIISL	4	1
>PDGFRB-T5·ALVVLTIIISLI	20	>PDGFRB-T5·ALVVLIISLI	15	5
>PDGFRB-T5·ALVVLTIIISL	418	>PDGFRB-T5·ALVVLIISL	645	227
>PDGFRB-T5·LALVVLTII	325	>PDGFRB-T5·LALVVLII	933	608
>PDGFRB-T5·LALVVLTIIISL	221	>PDGFRB-T5·LALVVLIIISL	231	10
>PDGFRB-T5·LALVVLTII	488	>PDGFRB-T5·LALVVLII	2118	1630
>PDGFRB-T5·LALVVLTII	423	>PDGFRB-T5·LALVVLII	2672	2249
>PDGFRB-T5·LALVVLTIIISL	297	>PDGFRB-T5·LALVVLIIISL	541	244
>PDGFRB-T5·LALVVLTII	362	>PDGFRB-T5·LALVVLII	280	82
>PDGFRB-T5·LALVVLTII	259	>PDGFRB-T5·LALVVLIII	121	138
>PDGFRB-T5·LALVVLTII	257	>PDGFRB-T5·LALVVLII	478	221
>PDGFRB-T5·LALVVLTII	73	>PDGFRB-T5·LALVVLII	93	20
>PDGFRB-T5·LALVVLTII	130	>PDGFRB-T5·LALVVLIII	179	49
>PDGFRB-T5·LALVVLTII	464	>PDGFRB-T5·LALVVLIII	2340	1876
>PDGFRB-T5·LALVVLTII	88	>PDGFRB-T5·LALVVLII	140	52
>PDGFRB-T5·LALVVLTII	127	>PDGFRB-T5·LALVVLIII	146	19
>PDGFRB-T5·ILALVVLT	597	>PDGFRB-T5·ILALVVLI	65	532
>PDGFRB-T5·ILALVVLTII	93	>PDGFRB-T5·ILALVVLI	137	44
>PDGFRB-T5·ILALVVLTII	240	>PDGFRB-T5·ILALVVLI	159	81
>PDGFRB-T5·ILALVVLT	88	>PDGFRB-T5·ILALVVLI	14	74
>PDGFRB-T5·ILALVVLTII	129	>PDGFRB-T5·ILALVVLI	126	3
>PDGFRB-T5·ILALVVLTII	77	>PDGFRB-T5·ILALVVLI	77	0
>PDGFRB-T5·ILALVVLT	191	>PDGFRB-T5·ILALVVLI	21	170
>PDGFRB-T5·ILALVVLTII	31	>PDGFRB-T5·ILALVVLI	37	6
>PDGFRB-T5·ILALVVLTII	96	>PDGFRB-T5·ILALVVLI	174	78
>PDGFRB-T5·ILALVVLT	2298	>PDGFRB-T5·ILALVVLI	435	1863
>PDGFRB-T5·ILALVVLTII	694	>PDGFRB-T5·ILALVVLI	461	233
>PDGFRB-T5·ILALVVLT	395	>PDGFRB-T5·ILALVVLI	14	381

>PDGFRB-T5·ILALVVLT I	6	>PDGFRB-T5·ILALVVLII	41	35
>PDGFRB-T5·ILALVVLTII	43	>PDGFRB-T5·ILALVVLIII	35	8
>PDGFRB-T5·ILALVVLT	11205	>PDGFRB-T5·ILALVVLI	309	10896
>PDGFRB-T5·ILALVVLT I	119	>PDGFRB-T5·ILALVVLII	548	429
>PDGFRB-T5·ILALVVLTII	332	>PDGFRB-T5·ILALVVLIII	250	82
>PDGFRB-T5·ILALVVLT	630	>PDGFRB-T5·ILALVVLI	26	604
>PDGFRB-T5·ILALVVLT I	17	>PDGFRB-T5·ILALVVLII	45	28
>PDGFRB-T5·ILALVVLTII	45	>PDGFRB-T5·ILALVVLIII	43	2
>PDGFRB-T5·ILALVVLT	2783	>PDGFRB-T5·ILALVVLI	46	2737
>PDGFRB-T5·ILALVVLT I	29	>PDGFRB-T5·ILALVVLII	131	102
>PDGFRB-T5·ILALVVLTII	125	>PDGFRB-T5·ILALVVLIII	124	1
>PDGFRB-T5·ILALVVLT	152	>PDGFRB-T5·ILALVVLI	16	136
>PDGFRB-T5·ILALVVLT I	16	>PDGFRB-T5·ILALVVLII	71	55
>PDGFRB-T5·ILALVVLTII	36	>PDGFRB-T5·ILALVVLIII	54	18
>PDGFRB-T5·ILALVVLT I	65	>PDGFRB-T5·ILALVVLII	932	867
>PDGFRB-T5·AILALVVLT	747	>PDGFRB-T5·AILALVVLI	44	703
>PDGFRB-T5·AILALVVLT I	136	>PDGFRB-T5·AILALVVLII	488	352
>PDGFRB-T5·AILALVVLTII	172	>PDGFRB-T5·AILALVVLIII	129	43
>PDGFRB-T5·AILALVVLT	1685	>PDGFRB-T5·AILALVVLI	186	1499
>PDGFRB-T5·AILALVVLT I	156	>PDGFRB-T5·AILALVVLII	439	283
>PDGFRB-T5·AILALVVLT	2615	>PDGFRB-T5·AILALVVLI	269	2346
>PDGFRB-T5·AILALVVLT I	74	>PDGFRB-T5·AILALVVLII	200	126
>PDGFRB-T5·AILALVVLTII	199	>PDGFRB-T5·AILALVVLIII	670	471
>PDGFRB-T5·AILALVVLT	657	>PDGFRB-T5·AILALVVLI	55	602
>PDGFRB-T5·AILALVVLT I	150	>PDGFRB-T5·AILALVVLII	341	191
>PDGFRB-T5·AILALVVLTII	65	>PDGFRB-T5·AILALVVLIII	98	33
>PDGFRB-T5·AILALVVLT	888	>PDGFRB-T5·AILALVVLI	24	864
>PDGFRB-T5·AILALVVLT I	12	>PDGFRB-T5·AILALVVLII	88	76
>PDGFRB-T5·AILALVVLTII	136	>PDGFRB-T5·AILALVVLIII	72	64
>PDGFRB-T5·AILALVVLT I	466	>PDGFRB-T5·AILALVVLII	2005	1539
>PDGFRB-T5·AILALVVLT	2427	>PDGFRB-T5·AILALVVLI	65	2362
>PDGFRB-T5·AILALVVLT I	45	>PDGFRB-T5·AILALVVLII	146	101
>PDGFRB-T5·AILALVVLTII	202	>PDGFRB-T5·AILALVVLIII	140	62
>PDGFRB-T5·AILALVVLT	2735	>PDGFRB-T5·AILALVVLI	180	2555
>PDGFRB-T5·AILALVVLT I	174	>PDGFRB-T5·AILALVVLII	860	686
>PDGFRB-T5·AILALVVLT	3612	>PDGFRB-T5·AILALVVLI	43	3569
>PDGFRB-T5·AILALVVLT I	17	>PDGFRB-T5·AILALVVLII	68	51
>PDGFRB-T5·AILALVVLTII	99	>PDGFRB-T5·AILALVVLIII	103	4
>PDGFRB-T5·SAILALVVLT I	320	>PDGFRB-T5·SAILALVVLII	1087	767
>PDGFRB-T5·SAILALVVLT	1464	>PDGFRB-T5·SAILALVVLI	365	1099
>PDGFRB-T5·SAILALVVLT I	280	>PDGFRB-T5·SAILALVVLII	1968	1688
>PDGFRB-T5·SAILALVVLT	33342	>PDGFRB-T5·SAILALVVLI	401	32941
>PDGFRB-T5·SAILALVVLT I	156	>PDGFRB-T5·SAILALVVLII	234	78

>PDGFRB-T8:TLSDVWSFGI	52	>PDGFRB-T8:ILSDVWSFGI	34	18
>PDGFRB-T8:TLSDVWSFGI	355	>PDGFRB-T8:ILSDVWSFGIL	153	202
>PDGFRB-T8:TLSDVWSF	91	>PDGFRB-T8:ILSDVWSF	40	51
>PDGFRB-T8:TLSDVWSFG	165	>PDGFRB-T8:ILSDVWSFG	60	105
>PDGFRB-T8:TLSDVWSFGI	25	>PDGFRB-T8:ILSDVWSFGI	17	8
>PDGFRB-T8:TLSDVWSFGI	15	>PDGFRB-T8:ILSDVWSFGIL	10	5
>PDGFRB-T8:TLSDVWSFGI	102	>PDGFRB-T8:ILSDVWSFGI	88	14
>PDGFRB-T8:TLSDVWSFGI	19	>PDGFRB-T8:ILSDVWSFGIL	12	7
>PDGFRB-T8:TLSDVWSF	169	>PDGFRB-T8:ILSDVWSF	75	94
>PDGFRB-T8:TLSDVWSFGI	158	>PDGFRB-T8:ILSDVWSFGI	123	35
>PDGFRB-T8:TLSDVWSFGI	283	>PDGFRB-T8:ILSDVWSFGIL	115	168
>PDGFRB-T8:TLSDVWSF	284	>PDGFRB-T8:ILSDVWSF	53	231
>PDGFRB-T8:TLSDVWSFG	1219	>PDGFRB-T8:ILSDVWSFG	269	950
>PDGFRB-T8:TLSDVWSFGI	5	>PDGFRB-T8:ILSDVWSFGI	3	2
>PDGFRB-T8:TLSDVWSFGI	109	>PDGFRB-T8:ILSDVWSFGIL	26	83
>PDGFRB-T8:TLSDVWSFGI	13	>PDGFRB-T8:ILSDVWSFGI	8	5
>PDGFRB-T8:TLSDVWSFGI	369	>PDGFRB-T8:ILSDVWSFGIL	169	200
>PDGFRB-T8:TLSDVWSFGI	9	>PDGFRB-T8:ILSDVWSFGI	7	2
>PDGFRB-T8:TLSDVWSFGI	107	>PDGFRB-T8:ILSDVWSFGIL	65	42
>PDGFRB-T8:TLSDVWSFGI	7	>PDGFRB-T8:ILSDVWSFGI	3	4
>PDGFRB-T8:TLSDVWSFGI	581	>PDGFRB-T8:ILSDVWSFGIL	112	469
>PDGFRB-T8:TLSDVWSF	215	>PDGFRB-T8:ILSDVWSF	66	149
>PDGFRB-T8:TLSDVWSFGI	6	>PDGFRB-T8:ILSDVWSFGI	3	3
>PDGFRB-T8:TLSDVWSFGI	13	>PDGFRB-T8:ILSDVWSFGIL	5	8
>PDGFRB-T8:TLSDVWSFGI	99	>PDGFRB-T8:ILSDVWSFGI	954	855
>PDGFRB-T8:TLSDVWSF	164	>PDGFRB-T8:ILSDVWSF	94	70
>PDGFRB-T8:TLSDVWSF	364	>PDGFRB-T8:ILSDVWSF	50	314
>PDGFRB-T8:TTLSDVWSFC	121	>PDGFRB-T8:TILSDVWSFG	30	91
>PDGFRB-T8:TTLSDVWSFC	1576	>PDGFRB-T8:TILSDVWSFG	454	1122
>PDGFRB-T8:TTLSDVWSFC	2046	>PDGFRB-T8:TILSDVWSFG	416	1630
>PDGFRB-T8:TTLSDVWSF	156	>PDGFRB-T8:TILSDVWSF	65	91
>PDGFRB-T8:TTLSDVWSFC	27	>PDGFRB-T8:TILSDVWSFG	12	15
>PDGFRB-T8:TTLSDVWSFC	62	>PDGFRB-T8:TILSDVWSFG	15	47
>PDGFRB-T8:TTLSDVWSFC	212	>PDGFRB-T8:TILSDVWSFG	44	168
>PDGFRB-T8:TTLSDVWSFC	224	>PDGFRB-T8:TILSDVWSFG	46	178
>PDGFRB-T8:TTLSDVWSFC	241	>PDGFRB-T8:TILSDVWSFG	9	232
>PDGFRB-T8:TTLSDVWSFC	3979	>PDGFRB-T8:TILSDVWSFG	122	3857
>PDGFRB-T8:TTLSDVWSF	270	>PDGFRB-T8:TILSDVWSF	326	56
>PDGFRB-T8:TTLSDVWSF	29	>PDGFRB-T8:TILSDVWSF	125	96
>PDGFRB-T8:TTLSDVWSF	6	>PDGFRB-T8:TILSDVWSF	34	28
>PDGFRB-T8:TTLSDVWSF	386	>PDGFRB-T8:TILSDVWSF	3746	3360
>PDGFRB-T8:TTLSDVWSF	47	>PDGFRB-T8:TILSDVWSF	160	113
>PDGFRB-T8:TTLSDVWSFC	147	>PDGFRB-T8:TILSDVWSFG	498	351

>PDGFRB-T8:TTLSDVWSFC	25	>PDGFRB-T8:TILSDVWSFG	183	158
>PDGFRB-T8:TTLSDVWSFC	4	>PDGFRB-T8:TILSDVWSFG	7	3
>PDGFRB-T8:TTLSDVWSF	74	>PDGFRB-T8:TILSDVWSF	130	56
>PDGFRB-T8:TTLSDVWSF	13	>PDGFRB-T8:TILSDVWSF	3342	3329
>PDGFRB-T8:TTLSDVWSFC	133	>PDGFRB-T8:TILSDVWSFG	13344	13211
>PDGFRB-T8:TTLSDVWSF	88	>PDGFRB-T8:TILSDVWSF	2248	2160
>PDGFRB-T8:TTLSDVWSF	57	>PDGFRB-T8:TILSDVWSF	766	709
>PDGFRB-T8:TTLSDVWSF	268	>PDGFRB-T8:TILSDVWSF	5376	5108
>PDGFRB-T8:TTLSDVWSFC	57	>PDGFRB-T8:TILSDVWSFG	5741	5684
>PDGFRB-T8:PESIFNSLYTT	15230	>PDGFRB-T8:PESIFNSLYTI	88	15142
>PDGFRB-T8:PESIFNSLYTT	5066	>PDGFRB-T8:PESIFNSLYTI	86	4980
>PDGFRB-T8:YTTLSDVWSF	172	>PDGFRB-T8:YTILSDVWSF	86	86
>PDGFRB-T8:YTTLSDVWSF	435	>PDGFRB-T8:YTILSDVWSF	96	339
>PDGFRB-T8:YTTLSDVWSF	1867	>PDGFRB-T8:YTILSDVWSF	364	1503
>PDGFRB-T8:YTTLSDVW	5838	>PDGFRB-T8:YTILSDVW	405	5433
>PDGFRB-T8:YTTLSDVWSF	67	>PDGFRB-T8:YTILSDVWSF	8	59
>PDGFRB-T8:YTTLSDVWSF	4555	>PDGFRB-T8:YTILSDVWSF	430	4125
>PDGFRB-T8:YTTLSDVWSF	525	>PDGFRB-T8:YTILSDVWSF	267	258
>PDGFRB-T8:YTTLSDVWSF	1255	>PDGFRB-T8:YTILSDVWSF	328	927
>PDGFRB-T8:YTTLSDVWSF	1445	>PDGFRB-T8:YTILSDVWSF	100	1345
>PDGFRB-T8:YTTLSDVWSF	96	>PDGFRB-T8:YTILSDVWSF	29	67
>PDGFRB-T8:YTTLSDVW	6	>PDGFRB-T8:YTILSDVW	4	2
>PDGFRB-T8:YTTLSDVWS	1305	>PDGFRB-T8:YTILSDVWS	365	940
>PDGFRB-T8:YTTLSDVWSF	5	>PDGFRB-T8:YTILSDVWSF	3	2
>PDGFRB-T8:YTTLSDVW	117	>PDGFRB-T8:YTILSDVW	71	46
>PDGFRB-T8:YTTLSDVWSF	562	>PDGFRB-T8:YTILSDVWSF	279	283
>PDGFRB-T8:YTTLSDVW	14	>PDGFRB-T8:YTILSDVW	11	3
>PDGFRB-T8:YTTLSDVWSF	81	>PDGFRB-T8:YTILSDVWSF	43	38
>PDGFRB-T8:YTTLSDVWSF	28	>PDGFRB-T8:YTILSDVWSF	174	146
>PDGFRB-T8:YTTLSDVW	67	>PDGFRB-T8:YTILSDVW	276	209
>PDGFRB-T8:YTTLSDVWSF	18	>PDGFRB-T8:YTILSDVWSF	21	3
>PDGFRB-T8:YTTLSDVW	381	>PDGFRB-T8:YTILSDVW	190	191
>PDGFRB-T8:LYTTLSDV	49	>PDGFRB-T8:LYTILSDV	156	107
>PDGFRB-T8:LYTTLSDVWS	187	>PDGFRB-T8:LYTILSDVWSI	114	73
>PDGFRB-T8:LYTTLSDVWS	98	>PDGFRB-T8:LYTILSDVWSI	92	6
>PDGFRB-T8:LYTTLSDV	712	>PDGFRB-T8:LYTILSDV	477	235
>PDGFRB-T8:LYTTLSDVW	17	>PDGFRB-T8:LYTILSDVW	14	3
>PDGFRB-T8:LYTTLSDVWS	6	>PDGFRB-T8:LYTILSDVWSI	8	2
>PDGFRB-T8:LYTTLSDVW	36	>PDGFRB-T8:LYTILSDVW	63	27
>PDGFRB-T8:LYTTLSDVWS	393	>PDGFRB-T8:LYTILSDVWSI	431	38
>PDGFRB-T8:SLYTTLSDV	26	>PDGFRB-T8:SLYTILSDV	14	12
>PDGFRB-T8:SLYTTLSDV	38	>PDGFRB-T8:SLYTILSDV	8	30
>PDGFRB-T8:SLYTTLSDVW	1214	>PDGFRB-T8:SLYTILSDVW	394	820

>PDGFRB-T8:SLYTTLSDV	3	>PDGFRB-T8:SLYTILSDV	3	0
>PDGFRB-T8:SLYTTLSDVW	617	>PDGFRB-T8:SLYTILSDVW:	419	198
>PDGFRB-T8:SLYTTLSDV	58	>PDGFRB-T8:SLYTILSDV	32	26
>PDGFRB-T8:SLYTTLSDV	2	>PDGFRB-T8:SLYTILSDV	2	0
>PDGFRB-T8:SLYTTLSDV	5	>PDGFRB-T8:SLYTILSDV	7	2
>PDGFRB-T8:SLYTTLSDV	5	>PDGFRB-T8:SLYTILSDV	5	0
>PDGFRB-T8:SLYTTLSDV	46	>PDGFRB-T8:SLYTILSDV	27	19
>PDGFRB-T8:SLYTTLSDV	2	>PDGFRB-T8:SLYTILSDV	2	0
>PDGFRB-T8:SLYTTLSDVW	256	>PDGFRB-T8:SLYTILSDVW:	251	5
>PDGFRB-T8:SLYTTLSDVW	379	>PDGFRB-T8:SLYTILSDVW	154	225
>PDGFRB-T8:SLYTTLSDV	292	>PDGFRB-T8:SLYTILSDV	1243	951
>PDGFRB-T8:SLYTTLSDVW	316	>PDGFRB-T8:SLYTILSDVW	578	262
>PDGFRB-T8:SLYTTLSDVW	256	>PDGFRB-T8:SLYTILSDVW	418	162
>PDGFRB-T8:NSLYTTLSDV	489	>PDGFRB-T8:NSLYTILSDV	556	67
>PDGFRB-T8:NSLYTTLSDV	339	>PDGFRB-T8:NSLYTILSDV	238	101
>PDGFRB-T8:NSLYTTLSDV	257	>PDGFRB-T8:NSLYTILSDV	329	72
>PDGFRB-T8:NSLYTTLSDV\	56	>PDGFRB-T8:NSLYTILSDVV	45	11
>PDGFRB-T8:NSLYTTLSDV\	207	>PDGFRB-T8:NSLYTILSDVV	196	11
>PDGFRB-T8:NSLYTTLSDV\	21	>PDGFRB-T8:NSLYTILSDVV	22	1
>PDGFRB-T8:NSLYTTLSDV\	301	>PDGFRB-T8:NSLYTILSDVV	310	9
>PDGFRB-T8:FNSLYTTL	134	>PDGFRB-T8:FNSLYTIL	444	310
>PDGFRB-T8:FNSLYTTL	217	>PDGFRB-T8:FNSLYTIL	457	240
>PDGFRB-T8:FNSLYTTL	577	>PDGFRB-T8:FNSLYTIL	499	78
>PDGFRB-T8:IFNSLYTTL	311	>PDGFRB-T8:IFNSLYTIL	545	234
>PDGFRB-T8:IFNSLYTT	23475	>PDGFRB-T8:IFNSLYTI	466	23009
>PDGFRB-T8:IFNSLYTTL	43	>PDGFRB-T8:IFNSLYTIL	1867	1824
>PDGFRB-T8:IFNSLYTTL	326	>PDGFRB-T8:IFNSLYTIL	626	300
>PDGFRB-T8:IFNSLYTT	12256	>PDGFRB-T8:IFNSLYTI	87	12169
>PDGFRB-T8:IFNSLYTTL	322	>PDGFRB-T8:IFNSLYTIL	992	670
>PDGFRB-T8:IFNSLYTT	12451	>PDGFRB-T8:IFNSLYTI	181	12270
>PDGFRB-T8:IFNSLYTTL	424	>PDGFRB-T8:IFNSLYTIL	1202	778
>PDGFRB-T8:IFNSLYTT	16465	>PDGFRB-T8:IFNSLYTI	411	16054
>PDGFRB-T8:IFNSLYTTL	217	>PDGFRB-T8:IFNSLYTIL	997	780
>PDGFRB-T8:IFNSLYTTL	307	>PDGFRB-T8:IFNSLYTIL	467	160
>PDGFRB-T8:SIFNSLYTTL	282	>PDGFRB-T8:SIFNSLYTIL	3060	2778
>PDGFRB-T8:SIFNSLYTT	224	>PDGFRB-T8:SIFNSLYTI	34	190
>PDGFRB-T8:SIFNSLYTTL	153	>PDGFRB-T8:SIFNSLYTIL	511	358
>PDGFRB-T8:SIFNSLYTT	459	>PDGFRB-T8:SIFNSLYTI	51	408
>PDGFRB-T8:SIFNSLYTTL	22	>PDGFRB-T8:SIFNSLYTIL	50	28
>PDGFRB-T8:SIFNSLYTT	302	>PDGFRB-T8:SIFNSLYTI	24	278
>PDGFRB-T8:SIFNSLYTTL	34	>PDGFRB-T8:SIFNSLYTIL	79	45
>PDGFRB-T8:SIFNSLYTT	161	>PDGFRB-T8:SIFNSLYTI	29	132
>PDGFRB-T8:SIFNSLYTTL	102	>PDGFRB-T8:SIFNSLYTIL	243	141

>PDGFRB-T8:SIFNSLYTT	66	>PDGFRB-T8:SIFNSLYTI	5	61
>PDGFRB-T8:SIFNSLYTTL	13	>PDGFRB-T8:SIFNSLYTIL	98	85
>PDGFRB-T8:SIFNSLYTT	454	>PDGFRB-T8:SIFNSLYTI	11	443
>PDGFRB-T8:SIFNSLYTTL	105	>PDGFRB-T8:SIFNSLYTIL	428	323
>PDGFRB-T8:SIFNSLYTT	491	>PDGFRB-T8:SIFNSLYTI	19	472
>PDGFRB-T8:SIFNSLYTTL	22	>PDGFRB-T8:SIFNSLYTIL	64	42
>PDGFRB-T8:SIFNSLYTT	7048	>PDGFRB-T8:SIFNSLYTI	356	6692
>PDGFRB-T8:SIFNSLYTT	581	>PDGFRB-T8:SIFNSLYTI	29	552
>PDGFRB-T8:SIFNSLYTTL	10	>PDGFRB-T8:SIFNSLYTIL	50	40
>PDGFRB-T8:SIFNSLYTT	244	>PDGFRB-T8:SIFNSLYTI	6	238
>PDGFRB-T8:SIFNSLYTTL	21	>PDGFRB-T8:SIFNSLYTIL	126	105
>PDGFRB-T8:SIFNSLYTT	2612	>PDGFRB-T8:SIFNSLYTI	47	2565
>PDGFRB-T8:SIFNSLYTTL	476	>PDGFRB-T8:SIFNSLYTIL	1226	750
>PDGFRB-T8:SIFNSLYTT	4900	>PDGFRB-T8:SIFNSLYTI	186	4714
>PDGFRB-T8:SIFNSLYTTL	214	>PDGFRB-T8:SIFNSLYTIL	204	10
>PDGFRB-T8:SIFNSLYTT	37221	>PDGFRB-T8:SIFNSLYTI	174	37047
>PDGFRB-T8:ESIFNSLYTT	13384	>PDGFRB-T8:ESIFNSLYTI	328	13056
>PDGFRB-T8:ESIFNSLYTTL	270	>PDGFRB-T8:ESIFNSLYTIL	642	372
>PDGFRB-T8:ESIFNSLYTT	753	>PDGFRB-T8:ESIFNSLYTI	113	640
>PDGFRB-T8:ESIFNSLYTTL	97	>PDGFRB-T8:ESIFNSLYTIL	127	30
>PDGFRB-T8:ESIFNSLYTT	9291	>PDGFRB-T8:ESIFNSLYTI	131	9160
>PDGFRB-T8:ESIFNSLYTT	158	>PDGFRB-T8:ESIFNSLYTI	31	127
>PDGFRB-T8:ESIFNSLYTTL	33	>PDGFRB-T8:ESIFNSLYTIL	75	42
>PDGFRB-T8:ESIFNSLYTT	3344	>PDGFRB-T8:ESIFNSLYTI	95	3249
>PDGFRB-T8:ESIFNSLYTTL	274	>PDGFRB-T8:ESIFNSLYTIL	985	711
>PDGFRB-T8:ESIFNSLYTT	4858	>PDGFRB-T8:ESIFNSLYTI	92	4766
>PDGFRB-T8:ESIFNSLYTTL	39	>PDGFRB-T8:ESIFNSLYTIL	289	250
>PDGFRB-T8:ESIFNSLYTT	25834	>PDGFRB-T8:ESIFNSLYTI	110	25724
>PDGFRB-Y5:YDSTWELPR	217	>PDGFRB-Y5:HDSTWELPR	53	164
>PDGFRB-Y5:PYDSTWEL	328	>PDGFRB-Y5:PHDSTWEL	13248	12920
>PDGFRB-Y5:PYDSTWEL	101	>PDGFRB-Y5:PHDSTWEL	16687	16586
>PDGFRB-Y5:PYDSTWELPF	71	>PDGFRB-Y5:PHDSTWELPF	1933	1862
>PDGFRB-Y5:YIYVDPMQLF	257	>PDGFRB-Y5:YIYVDPMQLF	1064	807
>PDGFRB-Y5:YIYVDPMQLF	253	>PDGFRB-Y5:YIYVDPMQLF	2531	2278
>PDGFRB-Y5:YIYVDPMQLF	227	>PDGFRB-Y5:YIYVDPMQLF	13744	13517
>PDGFRB-Y5:YIYVDPMQLF	6	>PDGFRB-Y5:YIYVDPMQLF	266	260
>PDGFRB-Y5:YIYVDPMQLF	12	>PDGFRB-Y5:YIYVDPMQLF	5240	5228
>PDGFRB-Y5:YIYVDPMQLF	58	>PDGFRB-Y5:YIYVDPMQLF	1811	1753
>PDGFRB-Y5:YIYVDPMQLF	53	>PDGFRB-Y5:YIYVDPMQLF	1685	1632
>PDGFRB-Y5:YIYVDPMQLF	32	>PDGFRB-Y5:YIYVDPMQLF	1230	1198
>PDGFRB-Y5:YIYVDPMQLF	27	>PDGFRB-Y5:YIYVDPMQLF	7908	7881
>PDGFRB-Y5:YIYVDPMQLF	40	>PDGFRB-Y5:YIYVDPMQLF	966	926
>PDGFRB-Y5:YIYVDPMQLF	464	>PDGFRB-Y5:YIYVDPMQLF	4594	4130

>PDGFRB-Y5:YIYVDPMQLF	406	>PDGFRB-Y5:YIYVDPMQLF	25599	25193
>PDGFRB-Y5:YIYVDPMQLF	449	>PDGFRB-Y5:YIYVDPMQLF	16341	15892
>PDGFRB-Y5:LPYDSTWEL	240	>PDGFRB-Y5:LPHDSTWEL	293	53
>PDGFRB-Y5:LPYDSTWEL	475	>PDGFRB-Y5:LPHDSTWEL	2618	2143
>PDGFRB-Y5:LPYDSTWELP	423	>PDGFRB-Y5:LPHDSTWELF	1512	1089
>PDGFRB-Y5:LPYDSTWEL	185	>PDGFRB-Y5:LPHDSTWEL	3396	3211
>PDGFRB-Y5:LPYDSTWEL	23	>PDGFRB-Y5:LPHDSTWEL	24	1
>PDGFRB-Y5:LPYDSTWEL	20	>PDGFRB-Y5:LPHDSTWEL	48	28
>PDGFRB-Y5:LPYDSTWELP	108	>PDGFRB-Y5:LPHDSTWELF	644	536
>PDGFRB-Y5:LPYDSTWEL	98	>PDGFRB-Y5:LPHDSTWEL	182	84
>PDGFRB-Y5:LPYDSTWEL	104	>PDGFRB-Y5:LPHDSTWEL	1963	1859
>PDGFRB-Y5:LPYDSTWEL	33	>PDGFRB-Y5:LPHDSTWEL	76	43
>PDGFRB-Y5:LPYDSTWELP	371	>PDGFRB-Y5:LPHDSTWELF	2090	1719
>PDGFRB-Y5:LPYDSTWEL	267	>PDGFRB-Y5:LPHDSTWEL	1865	1598
>PDGFRB-Y5:LPYDSTWEL	16	>PDGFRB-Y5:LPHDSTWEL	59	43
>PDGFRB-Y5:LPYDSTWELP	71	>PDGFRB-Y5:LPHDSTWELF	135	64
>PDGFRB-Y5:QLPYDSTWEI	257	>PDGFRB-Y5:QLPHDSTWE	454	197
>PDGFRB-Y5:QLPYDSTWEI	55	>PDGFRB-Y5:QLPHDSTWE	145	90
>PDGFRB-Y5:QLPYDSTWEI	420	>PDGFRB-Y5:QLPHDSTWE	697	277
>PDGFRB-Y5:QLPYDSTWEI	391	>PDGFRB-Y5:QLPHDSTWE	759	368
>PDGFRB-Y5:QLPYDSTWEI	146	>PDGFRB-Y5:QLPHDSTWE	73	73
>PDGFRB-Y5:QLPYDSTWEI	90	>PDGFRB-Y5:QLPHDSTWE	62	28
>PDGFRB-Y5:QLPYDSTWEI	215	>PDGFRB-Y5:QLPHDSTWE	107	108
>PDGFRB-Y5:QLPYDSTWEI	227	>PDGFRB-Y5:QLPHDSTWE	237	10
>PDGFRB-Y5:QLPYDSTWEI	15	>PDGFRB-Y5:QLPHDSTWE	8	7
>PDGFRB-Y5:QLPYDSTW	445	>PDGFRB-Y5:QLPHDSTW	1074	629
>PDGFRB-Y5:QLPYDSTWEI	482	>PDGFRB-Y5:QLPHDSTWE	1016	534
>PDGFRB-Y5:MQLPYDSTW	14	>PDGFRB-Y5:MQLPHDSTW	27	13
>PDGFRB-Y5:MQLPYDSTW	16	>PDGFRB-Y5:MQLPHDSTW	26	10
>PDGFRB-Y5:MQLPYDSTW	449	>PDGFRB-Y5:MQLPHDSTW	320	129
>PDGFRB-Y5:MQLPYDST	33	>PDGFRB-Y5:MQLPHDST	73	40
>PDGFRB-Y5:MQLPYDSTW	4	>PDGFRB-Y5:MQLPHDSTW	6	2
>PDGFRB-Y5:MQLPYDSTW	21	>PDGFRB-Y5:MQLPHDSTW	41	20
>PDGFRB-Y5:MQLPYDSTW	23	>PDGFRB-Y5:MQLPHDSTW	36	13
>PDGFRB-Y5:MQLPYDSTW	99	>PDGFRB-Y5:MQLPHDSTW	177	78
>PDGFRB-Y5:MQLPYDSTW	207	>PDGFRB-Y5:MQLPHDSTW	430	223
>PDGFRB-Y5:MQLPYDSTW	88	>PDGFRB-Y5:MQLPHDSTW	152	64
>PDGFRB-Y5:MQLPYDSTW	436	>PDGFRB-Y5:MQLPHDSTW	406	30
>PDGFRB-Y5:MQLPYDSTW	272	>PDGFRB-Y5:MQLPHDSTW	211	61
>PDGFRB-Y5:MQLPYDSTW	25	>PDGFRB-Y5:MQLPHDSTW	35	10
>PDGFRB-Y5:MQLPYDSTW	17	>PDGFRB-Y5:MQLPHDSTW	19	2
>PDGFRB-Y5:MQLPYDSTW	17	>PDGFRB-Y5:MQLPHDSTW	24	7
>PDGFRB-Y5:MQLPYDSTW	19	>PDGFRB-Y5:MQLPHDSTW	28	9

>PDGFRB-Y5:MQLPYDSTW	304	>PDGFRB-Y5:MQLPHDSTW	684	380
>PDGFRB-Y5:MQLPYDSTW	141	>PDGFRB-Y5:MQLPHDSTW	158	17
>PDGFRB-Y5:MQLPYDSTW	208	>PDGFRB-Y5:MQLPHDSTW	416	208
>PDGFRB-Y5:MQLPYDSTW	29	>PDGFRB-Y5:MQLPHDSTW	42	13
>PDGFRB-Y5:MQLPYDSTW	40	>PDGFRB-Y5:MQLPHDSTW	41	1
>PDGFRB-Y5:MQLPYDSTW	7	>PDGFRB-Y5:MQLPHDSTW	11	4
>PDGFRB-Y5:PMQLPYDSTW	308	>PDGFRB-Y5:PMQLPHDSTW	558	250
>PDGFRB-Y5:DPMQLPYDS	135	>PDGFRB-Y5:DPMQLPHDS	165	30
>PDGFRB-Y5:DPMQLPYDS	26	>PDGFRB-Y5:DPMQLPHDS	34	8
>PDGFRB-Y5:DPMQLPYDS	15	>PDGFRB-Y5:DPMQLPHDS	12	3
>PDGFRB-Y5:YVDPMQLPY	8	>PDGFRB-Y5:YVDPMQLPH	1090	1082
>PDGFRB-Y5:YVDPMQLPY	478	>PDGFRB-Y5:YVDPMQLPH	3657	3179
>PDGFRB-Y5:YVDPMQLPY	318	>PDGFRB-Y5:YVDPMQLPH	11885	11567
>PDGFRB-Y5:YVDPMQLPY	12	>PDGFRB-Y5:YVDPMQLPH	539	527
>PDGFRB-Y5:YVDPMQLPY	5	>PDGFRB-Y5:YVDPMQLPH	2488	2483
>PDGFRB-Y5:YVDPMQLPY	198	>PDGFRB-Y5:YVDPMQLPH	12218	12020
>PDGFRB-Y5:YVDPMQLPY	20	>PDGFRB-Y5:YVDPMQLPH	8982	8962
>PDGFRB-Y5:YVDPMQLPY	16	>PDGFRB-Y5:YVDPMQLPH	473	457
>PDGFRB-Y5:YVDPMQLPY	78	>PDGFRB-Y5:YVDPMQLPH	24991	24913
>PDGFRB-Y5:YVDPMQLPY	141	>PDGFRB-Y5:YVDPMQLPH	9218	9077
>PDGFRB-Y5:IYVDPMQLPY	198	>PDGFRB-Y5:IYVDPMQLPH	8867	8669
>PDGFRB-Y5:IYVDPMQLPY	26	>PDGFRB-Y5:IYVDPMQLPH	4497	4471
>PDGFRB-Y5:IYVDPMQLPY	143	>PDGFRB-Y5:IYVDPMQLPH	12836	12693
>PDGFRB-Y5:IYVDPMQLPY	84	>PDGFRB-Y5:IYVDPMQLPH	12931	12847
>PER1-D218:DTFSVAVSFL	203	>PER1-D218:NTFSVAVSFL	56	147
>PER1-D218:DTFSVAVSFL	640	>PER1-D218:NTFSVAVSFL	150	490
>PER1-D218:DTFSVAVSFL	2329	>PER1-D218:NTFSVAVSFL	331	1998
>PER1-D218:DTFSVAVSF	5146	>PER1-D218:NTFSVAVSF	409	4737
>PER1-D218:DTFSVAVSF	211	>PER1-D218:NTFSVAVSF	1758	1547
>PER1-D218:DTFSVAVSFL	383	>PER1-D218:NTFSVAVSFL	1437	1054
>PER1-D218:DTFSVAVSFL	221	>PER1-D218:NTFSVAVSFL	1144	923
>PER1-D218:DTFSVAVSF	11	>PER1-D218:NTFSVAVSF	9	2
>PER1-D218:DTFSVAVS	282	>PER1-D218:NTFSVAVS	354	72
>PER1-D218:DTFSVAVSF	62	>PER1-D218:NTFSVAVSF	75	13
>PER1-D218:DTFSVAVSFL	49	>PER1-D218:NTFSVAVSFL	59	10
>PER1-D218:DTFSVAVS	185	>PER1-D218:NTFSVAVS	78	107
>PER1-D218:DTFSVAVSF	689	>PER1-D218:NTFSVAVSF	281	408
>PER1-D218:DTFSVAVSFL	43	>PER1-D218:NTFSVAVSFL	22	21
>PER1-D218:DTFSVAVSFL	26	>PER1-D218:NTFSVAVSFL	15	11
>PER1-D218:DTFSVAVSFL	28	>PER1-D218:NTFSVAVSFL	28	0
>PER1-D218:DTFSVAVSFL	187	>PER1-D218:NTFSVAVSFL	171	16
>PER1-D218:DTFSVAVSF	2087	>PER1-D218:NTFSVAVSF	145	1942
>PER1-D218:DTFSVAVSF	78	>PER1-D218:NTFSVAVSF	18	60



>PER1-D218!DTFSVAVSF	44	>PER1-D218!NTFSVAVSF	19	25
>PER1-D218!DTFSVAVSFL	296	>PER1-D218!NTFSVAVSFL	119	177
>PER1-D218!DTFSVAVSF	213	>PER1-D218!NTFSVAVSF	794	581
>PER1-D218!DTFSVAVSFL	1026	>PER1-D218!NTFSVAVSFL	286	740
>PER1-D218!DTFSVAVSF	33	>PER1-D218!NTFSVAVSF	10	23
>PER1-D218!DTFSVAVSFL	1180	>PER1-D218!NTFSVAVSFL	340	840
>PER1-D218!QDTFSVAV	2145	>PER1-D218!QNTFSVAV	334	1811
>PER1-D218!QDTFSVAVSF	772	>PER1-D218!QNTFSVAVSF	161	611
>PER1-D218!QDTFSVAV	315	>PER1-D218!QNTFSVAV	11228	10913
>PER1-D218!NQDTFSVAV	239	>PER1-D218!NQNTFSVAV	662	423
>PER1-D218!NQDTFSVAV	399	>PER1-D218!NQNTFSVAV	136	263
>PER1-D218!NQDTFSVAV	1805	>PER1-D218!NQNTFSVAV	70	1735
>PER1-D218!NQDTFSVA	260	>PER1-D218!NQNTFSVA	573	313
>PER1-D218!NQDTFSVAV	10	>PER1-D218!NQNTFSVAV	16	6
>PER1-D218!NQDTFSVAV!	321	>PER1-D218!NQNTFSVAV!	770	449
>PER1-D218!NQDTFSVAV	257	>PER1-D218!NQNTFSVAV	471	214
>PER1-D218!NQDTFSVAV	176	>PER1-D218!NQNTFSVAV	464	288
>PER1-D218!NQDTFSVAV!	1110	>PER1-D218!NQNTFSVAV!	228	882
>PER1-D218!NQDTFSVAV	4562	>PER1-D218!NQNTFSVAV	475	4087
>PER1-D218!NQDTFSVAV!	841	>PER1-D218!NQNTFSVAV!	58	783
>PER1-D218!NQDTFSVAV!	1203	>PER1-D218!NQNTFSVAV!	436	767
>PER1-D218!NQDTFSVAV	877	>PER1-D218!NQNTFSVAV	35	842
>PER1-D218!NQDTFSVAV!	39	>PER1-D218!NQNTFSVAV!	4	35
>PER1-D218!NQDTFSVAV!	606	>PER1-D218!NQNTFSVAV!	226	380
>PER1-D218!NQDTFSVAV	21	>PER1-D218!NQNTFSVAV	40	19
>PER1-D218!NQDTFSVAV!	57	>PER1-D218!NQNTFSVAV!	148	91
>PER1-D218!LQNQDTFSV	52	>PER1-D218!LQNQNTFSV	70	18
>PER1-D218!LQNQDTFSV/	205	>PER1-D218!LQNQNTFSV/	257	52
>PER1-D218!LQNQDTFSV	45	>PER1-D218!LQNQNTFSV	45	0
>PER1-D218!LQNQDTFSV/	70	>PER1-D218!LQNQNTFSV/	71	1
>PER1-D218!LQNQDTFSV	31	>PER1-D218!LQNQNTFSV	30	1
>PER1-D218!LQNQDTFSV/	41	>PER1-D218!LQNQNTFSV/	40	1
>PER1-D218!LQNQDTFSV	5	>PER1-D218!LQNQNTFSV	6	1
>PER1-D218!LQNQDTFSV/	9	>PER1-D218!LQNQNTFSV/	10	1
>PER1-D218!LQNQDTFSV	39	>PER1-D218!LQNQNTFSV	20	19
>PER1-D218!LQNQDTFSV/	58	>PER1-D218!LQNQNTFSV/	36	22
>PER1-D218!LQNQDTFSV	51	>PER1-D218!LQNQNTFSV	21	30
>PER1-D218!LQNQDTFSV/	115	>PER1-D218!LQNQNTFSV/	63	52
>PER1-D218!LQNQDTFSV	81	>PER1-D218!LQNQNTFSV	118	37
>PER1-D218!LQNQDTFSV/	391	>PER1-D218!LQNQNTFSV/	471	80
>PER1-D218!LQNQDTFSV	61	>PER1-D218!LQNQNTFSV	42	19
>PER1-D218!LQNQDTFSV	31	>PER1-D218!LQNQNTFSV	23	8
>PER1-D218!LQNQDTFSV/	216	>PER1-D218!LQNQNTFSV/	158	58

>PER1-D218I LQNQDTFSV	221	>PER1-D218I LQNQNTFSV	150	71
>PER1-D218I LQNQDTFSV/	105	>PER1-D218I LQNQNTFSV/	84	21
>PER1-D218I LQNQDTFSV/	127	>PER1-D218I LQNQNTFSV/	103	24
>PER1-D218I LQNQDTFSV	163	>PER1-D218I LQNQNTFSV	100	63
>PER1-D218I LQNQDTFSV/	224	>PER1-D218I LQNQNTFSV/	119	105
>PER1-D218I LQNQDTFSV/	33	>PER1-D218I LQNQNTFSV/	25	8
>PER1-D218I LQNQDTFSV/	591	>PER1-D218I LQNQNTFSV/	449	142
>PER1-D218I TLQNQDTFS\	80	>PER1-D218I TLQNQNTFS\	94	14
>PER1-D218I TLQNQDTFS\	61	>PER1-D218I TLQNQNTFS\	56	5
>PER1-D218I TLQNQDTFS\	64	>PER1-D218I TLQNQNTFS\	50	14
>PER1-D218I TLQNQDTFS\	283	>PER1-D218I TLQNQNTFS\	193	90
>PER1-D218I TLQNQDTFS\	333	>PER1-D218I TLQNQNTFS\	464	131
>PER1-D218I TLQNQDTFS\	12	>PER1-D218I TLQNQNTFS\	7	5
>PER1-D218I TLQNQDTFS\	5	>PER1-D218I TLQNQNTFS\	5	0
>PER1-D218I TLQNQDTFS\	429	>PER1-D218I TLQNQNTFS\	490	61
>PER1-D218I TLQNQDTFS\	12	>PER1-D218I TLQNQNTFS\	14	2
>PER1-D218I TLQNQDTFS\	19	>PER1-D218I TLQNQNTFS\	9	10
>PER1-D218I TLQNQDTFS\	2	>PER1-D218I TLQNQNTFS\	2	0
>PER1-D218I TLQNQDTFS\	83	>PER1-D218I TLQNQNTFS\	100	17
>PER1-D218I TLQNQDTF	357	>PER1-D218I TLQNQNTF	207	150
>PER1-D218I TLQNQDTFS\	667	>PER1-D218I TLQNQNTFS\	268	399
>PER1-D218I TLQNQDTF	405	>PER1-D218I TLQNQNTF	229	176
>PER1-D218I TLQNQDTF	177	>PER1-D218I TLQNQNTF	117	60
>PER1-D218I TLQNQDTF	1180	>PER1-D218I TLQNQNTF	272	908
>PER1-D218I YTLQNQDTF	17	>PER1-D218I YTLQNQNTF	66	49
>PER1-D218I YTLQNQDTFS	163	>PER1-D218I YTLQNQNTFS	53	110
>PER1-D218I YTLQNQDTFS	39	>PER1-D218I YTLQNQNTFS	35	4
>PER1-D218I YTLQNQDTFS	121	>PER1-D218I YTLQNQNTFS	115	6
>PER1-D218I YTLQNQDTFS	335	>PER1-D218I YTLQNQNTFS	242	93
>PER1-D218I YTLQNQDTFS	11	>PER1-D218I YTLQNQNTFS	10	1
>PER1-D218I YTLQNQDTFS	3	>PER1-D218I YTLQNQNTFS	3	0
>PER1-D218I YTLQNQDTFS	6	>PER1-D218I YTLQNQNTFS	5	1
>PER1-D218I YTLQNQDTFS	9	>PER1-D218I YTLQNQNTFS	10	1
>PER1-D218I YTLQNQDTFS	7	>PER1-D218I YTLQNQNTFS	8	1
>PER1-D218I YTLQNQDTFS	4	>PER1-D218I YTLQNQNTFS	3	1
>PER1-D218I YTLQNQDTF	679	>PER1-D218I YTLQNQNTF	481	198
>PER1-D218I YTLQNQDTF	19	>PER1-D218I YTLQNQNTF	18	1
>PER1-D218I YTLQNQDTF	81	>PER1-D218I YTLQNQNTF	27	54
>PER1-D218I YTLQNQDTF	19	>PER1-D218I YTLQNQNTF	19	0
>PER1-D218I YTLQNQDTF	1771	>PER1-D218I YTLQNQNTF	177	1594
>PER1-D218I YTLQNQDTF	73	>PER1-D218I YTLQNQNTF	61	12
>PER1-D218I YTLQNQDTFS	46	>PER1-D218I YTLQNQNTFS	30	16
>PER1-D218I YTLQNQDTFS	5	>PER1-D218I YTLQNQNTFS	4	1

>PER1-D218I YTLQIQDTF	723	>PER1-D218I YTLQIQNTF	311	412
>PER1-D218I YTLQIQDTF	877	>PER1-D218I YTLQIQNTF	479	398
>PER1-D218I YTLQIQDTF	71	>PER1-D218I YTLQIQNTF	18	53
>PER1-D218I YTLQIQDTF	4	>PER1-D218I YTLQIQNTF	4	0
>PER1-D218I YTLQIQDTFS	154	>PER1-D218I YTLQIQNTFS	101	53
>PER1-D218I YTLQIQDTF	73	>PER1-D218I YTLQIQNTF	94	21
>PER1-D218I YTLQIQDTF	40	>PER1-D218I YTLQIQNTF	49	9
>PER1-D218I YTLQIQDTF	17	>PER1-D218I YTLQIQNTF	8	9
>PER1-D218I YTLQIQDTFS	462	>PER1-D218I YTLQIQNTFS	418	44
>PER1-D218I EYTLQIQDTF	328	>PER1-D218I EYTLQIQNTF	91	237
>PER1-D218I EYTLQIQDTF	272	>PER1-D218I EYTLQIQNTF	115	157
>PER1-D218I EYTLQIQDTF	29	>PER1-D218I EYTLQIQNTF	27	2
>PER1-D218I SEYTLQIQDT	52	>PER1-D218I SEYTLQIQNT	40	12
>PER1-D218I SEYTLQIQDT	82	>PER1-D218I SEYTLQIQNT	28	54
>PER1-D218I SEYTLQIQDT	48	>PER1-D218I SEYTLQIQNT	33	15
>PER1-D218I SEYTLQIQDT	389	>PER1-D218I SEYTLQIQNT	751	362
>PER1-D218I SEYTLQIQDT	139	>PER1-D218I SEYTLQIQNT	118	21
>PER1-D218I SEYTLQIQDT	188	>PER1-D218I SEYTLQIQNT	235	47
>PER1-D218I SEYTLQIQDT	431	>PER1-D218I SEYTLQIQNT	537	106
>PER1-D218I SEYTLQIQDT	91	>PER1-D218I SEYTLQIQNT	108	17
>PER1-D218I SEYTLQIQD	248	>PER1-D218I SEYTLQIQN	420	172
>PER1-D218I SEYTLQIQDT	37	>PER1-D218I SEYTLQIQNT	46	9
>PER1-E696C EPVVGGL	574	>PER1-E696C QPVVGGL	445	129
>PER1-E696C EPVVGGLSP	453	>PER1-E696C QPVVGGLSF	1995	1542
>PER1-E696C EPVVGGL	290	>PER1-E696C QPVVGGL	71	219
>PER1-E696C EPVVGGLSP	62	>PER1-E696C QPVVGGLSF	28	34
>PER1-E696C EPVVGGL	204	>PER1-E696C QPVVGGL	411	207
>PER1-E696C EPVVGGLSP	85	>PER1-E696C QPVVGGLSF	162	77
>PER1-E696C EPVVGGLSP	150	>PER1-E696C QPVVGGLSF	194	44
>PER1-E696C KEPVVGGL	15027	>PER1-E696C KQPVGGL	357	14670
>PER1-E696C KEPVVGGL	238	>PER1-E696C KQPVGGL	7711	7473
>PER1-E696C KEPVVGGL	137	>PER1-E696C KQPVGGL	13322	13185
>PER1-E696C RKEPVVGGL	1653	>PER1-E696C RKQPVGGL	287	1366
>PER1-E696C RKEPVVGGL	1646	>PER1-E696C RKQPVGGL	353	1293
>PER1-E696C RKEPVVGGL	537	>PER1-E696C RKQPVGGL	77	460
>PER1-E696C RKEPVVGGL	457	>PER1-E696C RKQPVGGL	86	371
>PER1-E696C TPRKEPVV	271	>PER1-E696C TPRKQPVV	132	139
>PER1-E696C ATPRKEPV	595	>PER1-E696C ATPRKQPV	232	363
>PER1-E696C ATPRKEPVV	252	>PER1-E696C ATPRKQPVV	138	114
>PER1-E696C ATPRKEPV	270	>PER1-E696C ATPRKQPV	448	178
>PER1-E696C ATPRKEPV	555	>PER1-E696C ATPRKQPV	440	115
>PER1-E696C ATPRKEPVV	843	>PER1-E696C ATPRKQPVV	196	647
>PER1-E696C GATPRKEPV	616	>PER1-E696C GATPRKQPV	178	438

>PER1-E696C GATPRKEPV\	301	>PER1-E696C GATPRKQPV\	146	155
>PER1-E696C GEGATPRKEF	243	>PER1-E696C GEGATPRKQI	169	74
>PER1-E696C GEGATPRKEF	118	>PER1-E696C GEGATPRKQI	160	42
>PER1-N985\NLLQLEEL	193	>PER1-N985\SLLQLEEL	41	152
>PER1-N985\NLLQLEELPR\	444	>PER1-N985\SLLQLEELPRA	99	345
>PER1-N985\NLLQLEEL	66	>PER1-N985\SLLQLEEL	36	30
>PER1-N985\NLLQLEELPR\	993	>PER1-N985\SLLQLEELPRA	495	498
>PER1-N985\NLLQLEEL	314	>PER1-N985\SLLQLEEL	165	149
>PER1-N985\NLLQLEELPR\	466	>PER1-N985\SLLQLEELPRA	280	186
>PER1-N985\NLLQLEEL	21	>PER1-N985\SLLQLEEL	4	17
>PER1-N985\NLLQLEELPR\	70	>PER1-N985\SLLQLEELPRA	10	60
>PER1-N985\NLLQLEEL	75	>PER1-N985\SLLQLEEL	32	43
>PER1-N985\NLLQLEELPR\	557	>PER1-N985\SLLQLEELPRA	258	299
>PER1-N985\NLLQLEEL	45	>PER1-N985\SLLQLEEL	7	38
>PER1-N985\NLLQLEELPR\	90	>PER1-N985\SLLQLEELPRA	10	80
>PER1-N985\NLLQLEEL	50	>PER1-N985\SLLQLEEL	80	30
>PER1-N985\NLLQLEELPR\	229	>PER1-N985\SLLQLEELPRA	542	313
>PER1-N985\NLLQLEEL	23	>PER1-N985\SLLQLEEL	4	19
>PER1-N985\NLLQLEELPR\	63	>PER1-N985\SLLQLEELPRA	8	55
>PER1-N985\NLLQLEELPR	2855	>PER1-N985\SLLQLEELPR	279	2576
>PER1-N985\NLLQLEELPR	806	>PER1-N985\SLLQLEELPR	242	564
>PER1-N985\NLLQLEELPR	334	>PER1-N985\SLLQLEELPR	657	323
>PER1-N985\NLLQLEELPR	366	>PER1-N985\SLLQLEELPR	813	447
>PER1-N985\NLLQLEELPR	56	>PER1-N985\SLLQLEELPR	46	10
>PER1-N985\LNLLQLEELPF	3791	>PER1-N985\LSLLQLEELPR	252	3539
>PER1-N985\LNLLQLEEL	21535	>PER1-N985\LSLLQLEEL	63	21472
>PER1-N985\LNLLQLEELPF	401	>PER1-N985\LSLLQLEELPR	549	148
>PER1-N985\QLNLLQLEEL	566	>PER1-N985\QLSLLQLEEL	246	320
>PER1-N985\QLNLLQLEEL	146	>PER1-N985\QLSLLQLEEL	50	96
>PER1-N985\QLNLLQLEEL	357	>PER1-N985\QLSLLQLEEL	200	157
>PER1-N985\QLNLLQLEEL	434	>PER1-N985\QLSLLQLEEL	1007	573
>PER1-N985\QLNLLQLEEL	57	>PER1-N985\QLSLLQLEEL	46	11
>PER1-N985\LQLNLLQL	241	>PER1-N985\LQLSLLQL	156	85
>PER1-N985\LQLNLLQLEEI	166	>PER1-N985\LQLSLLQLEEL	113	53
>PER1-N985\LQLNLLQL	566	>PER1-N985\LQLSLLQL	292	274
>PER1-N985\LQLNLLQLEEI	143	>PER1-N985\LQLSLLQLEEL	70	73
>PER1-N985\LQLNLLQL	13	>PER1-N985\LQLSLLQL	15	2
>PER1-N985\LQLNLLQLEEI	8	>PER1-N985\LQLSLLQLEEL	10	2
>PER1-N985\LQLNLLQL	183	>PER1-N985\LQLSLLQL	311	128
>PER1-N985\LQLNLLQLEEI	193	>PER1-N985\LQLSLLQLEEL	273	80
>PER1-N985\LQLNLLQLEEI	414	>PER1-N985\LQLSLLQLEEL	930	516
>PER1-N985\LQLNLLQL	563	>PER1-N985\LQLSLLQL	493	70
>PER1-N985\LQLNLLQL	57	>PER1-N985\LQLSLLQL	32	25

>PER1-N985!LQLNLLQLEEI	82	>PER1-N985!LQLSLLQLEEL	58	24
>PER1-N985!LQLNLLQL	294	>PER1-N985!LQLSLLQL	347	53
>PER1-N985!LQLNLLQL	471	>PER1-N985!LQLSLLQL	912	441
>PER1-N985!PLQLNLLQL	76	>PER1-N985!PLQLSLLQL	92	16
>PER1-N985!SPLQLNLL	402	>PER1-N985!SPLQLSLL	201	201
>PER1-N985!SPLQLNLLQL	39	>PER1-N985!SPLQLSLLQL	39	0
>PER1-N985!SPLQLNLL	222	>PER1-N985!SPLQLSLL	112	110
>PER1-N985!SPLQLNLLQL	377	>PER1-N985!SPLQLSLLQL	390	13
>PER1-N985!SPLQLNLL	358	>PER1-N985!SPLQLSLL	357	1
>PER1-N985!SPLQLNLLQL	404	>PER1-N985!SPLQLSLLQL	282	122
>PER1-N985!SPLQLNLLQL	309	>PER1-N985!SPLQLSLLQL	532	223
>PER1-N985!SSPLQLNL	343	>PER1-N985!SSPLQLSL	668	325
>PER1-N985!SSPLQLNLL	352	>PER1-N985!SSPLQLSLL	422	70
>PER1-N985!SSPLQLNLLQI	810	>PER1-N985!SSPLQLSLLQL	269	541
>PER1-N985!SSPLQLNL	605	>PER1-N985!SSPLQLSL	89	516
>PER1-N985!SSPLQLNLL	3	>PER1-N985!SSPLQLSLL	3	0
>PER1-N985!SSPLQLNLLQ	88	>PER1-N985!SSPLQLSLLQ	81	7
>PER1-N985!SSPLQLNLLQI	5	>PER1-N985!SSPLQLSLLQL	5	0
>PER1-N985!SSPLQLNLL	4312	>PER1-N985!SSPLQLSLL	385	3927
>PER1-N985!CSSPLQLNL	84	>PER1-N985!CSSPLQLSL	60	24
>PER1-N985!CSSPLQLNLL	775	>PER1-N985!CSSPLQLSLL	150	625
>PER1-N985!CSSPLQLNL	48	>PER1-N985!CSSPLQLSL	28	20
>PER1-N985!CSSPLQLNLL	433	>PER1-N985!CSSPLQLSLL	278	155
>PER1-N985!CSSPLQLNLL	144	>PER1-N985!CSSPLQLSLL	194	50
>PER1-N985!CSSPLQLNLL	414	>PER1-N985!CSSPLQLSLL	238	176
>PER1-N985!CSSPLQLNL	87	>PER1-N985!CSSPLQLSL	30	57
>PER1-N985!CSSPLQLNLL	411	>PER1-N985!CSSPLQLSLL	56	355
>PER1-N985!RCSSPLQLNLI	112	>PER1-N985!RCSSPLQLSLL	26	86
>PER1-N985!SRCSSPLQLN	354	>PER1-N985!SRCSSPLQLSL	206	148
>PER1-N985!SRCSSPLQLN	269	>PER1-N985!SRCSSPLQLSL	55	214
>PER1-N985!SRCSSPLQLN	387	>PER1-N985!SRCSSPLQLSL	385	2
>PER1-N985!SRCSSPLQLN	49	>PER1-N985!SRCSSPLQLSL	49	0
>PER1-S1060 ASGSLGSGL	4565	>PER1-S1060 ALGSLGSGL	37	4528
>PER1-S1060 ASGSLGSGL	11859	>PER1-S1060 ALGSLGSGL	84	11775
>PER1-S1060 ASGSLGSGL	13958	>PER1-S1060 ALGSLGSGL	17	13941
>PER1-S1060 ASGSLGSGL	19827	>PER1-S1060 ALGSLGSGL	68	19759
>PER1-S1060 ASGSLGSGL	17542	>PER1-S1060 ALGSLGSGL	32	17510
>PER1-S1060 ASGSLGSGL	23135	>PER1-S1060 ALGSLGSGL	457	22678
>PER1-S1060 ASGSLGSGL	22368	>PER1-S1060 ALGSLGSGL	6	22362
>PER1-S1060 ASGSLGSGL	83	>PER1-S1060 ALGSLGSGL	8096	8013
>PER1-S1060 ASGSLGSGL	69	>PER1-S1060 ALGSLGSGL	1673	1604
>PER1-S1060 DSRSGTGSA^	11357	>PER1-S1060 DSRSGTGSA^	235	11122
>PER1-S1060 AASGSLGSGL	1634	>PER1-S1060 AALGSLGSGL	260	1374

>PER1-S1060 AASGSLGSL	31	>PER1-S1060 AALGSLGSL	15	16
>PER1-S1060 SAASGSLGSG	497	>PER1-S1060 SAALGSLGSG	962	465
>PER1-S1060 SAASGSLGSG	478	>PER1-S1060 SAALGSLGSG	1251	773
>PER1-S1060 SAASGSLGSG	79	>PER1-S1060 SAALGSLGSG	69	10
>PER1-S1060 SAASGSLGSG	184	>PER1-S1060 SAALGSLGSG	617	433
>PER1-S1060 GSAASGSL	23	>PER1-S1060 GSAALGSL	108	85
>PER1-S1060 GSAASGSL	440	>PER1-S1060 GSAALGSL	878	438
>PER1-S1060 GSAASGSLG	315	>PER1-S1060 GSAALGSLG	155	160
>PER1-S1060 GSAASGSL	272	>PER1-S1060 GSAALGSL	449	177
>PER1-S1060 GTGSAASGSL	814	>PER1-S1060 GTGSAALGSL	328	486
>PER1-S1060 GTGSAASGSL	1564	>PER1-S1060 GTGSAALGSL	461	1103
>PER1-S1060 GTGSAASGSL	228	>PER1-S1060 GTGSAALGSL	308	80
>PER1-S1060 GTGSAASGSL	86	>PER1-S1060 GTGSAALGSL	126	40
>PER1-S1060 GTGSAASGSL	310	>PER1-S1060 GTGSAALGSL	537	227
>PER1-S1060 RSGTGSAAS	8023	>PER1-S1060 RSGTGSAAL	251	7772
>PER1-S1060 RSGTGSAAS	6566	>PER1-S1060 RSGTGSAAL	301	6265
>PER1-S1060 RSGTGSAAS	1920	>PER1-S1060 RSGTGSAAL	7	1913
>PER1-S1060 RSGTGSAAS	22594	>PER1-S1060 RSGTGSAAL	160	22434
>PER1-S1060 SRSGTGSAAS	5519	>PER1-S1060 SRSGTGSAAL	298	5221
>PER1-S1060 SRSGTGSAAS	4105	>PER1-S1060 SRSGTGSAAL	11	4094
>PHOX2B-A2 SPAGAPGA	342	>PHOX2B-A2 SPAGPPGA	477	135
>PHOX2B-A2 SPAGAPGAA	28	>PHOX2B-A2 SPAGPPGAA	21	7
>PHOX2B-A2 SPAGAPGAA	370	>PHOX2B-A2 SPAGPPGAA	1508	1138
>PHOX2B-A2 SPAGAPGA	322	>PHOX2B-A2 SPAGPPGA	260	62
>PHOX2B-A2 SPAGAPGAA	42	>PHOX2B-A2 SPAGPPGAA	36	6
>PHOX2B-A2 GPSPAGAPG/	122	>PHOX2B-A2 GPSPAGPPG/	137	15
>PHOX2B-A2 GPSPAGAPG/	371	>PHOX2B-A2 GPSPAGPPG/	284	87
>PHOX2B-A2 GGPSPAGA	173	>PHOX2B-A2 GGPSPAGP	236	63
>PHOX2B-A2 GGPSPAGAP	153	>PHOX2B-A2 GGPSPAGPP	348	195
>PHOX2B-A2 GGPSPAGAP/	201	>PHOX2B-A2 GGPSPAGPP/	285	84
>PHOX2B-E1 ELERVFAETH'	2819	>PHOX2B-E1 QLERVFAETH	433	2386
>PHOX2B-E1 KELERVFA	15616	>PHOX2B-E1 KQLERVFA	104	15512
>PHOX2B-E1 KELERVFA	676	>PHOX2B-E1 KQLERVFA	8	668
>PHOX2B-E1 KELERVFAE	7909	>PHOX2B-E1 KQLERVFAE	79	7830
>PHOX2B-E1 KELERVFAET	9793	>PHOX2B-E1 KQLERVFAET	283	9510
>PHOX2B-E1 KELERVFA	6713	>PHOX2B-E1 KQLERVFA	275	6438
>PHOX2B-E1 KELERVFAET	9170	>PHOX2B-E1 KQLERVFAET	400	8770
>PHOX2B-E1 KELERVFA	11695	>PHOX2B-E1 KQLERVFA	445	11250
>PHOX2B-E1 KELERVFA	8226	>PHOX2B-E1 KQLERVFA	304	7922
>PHOX2B-E1 KELERVFA	7412	>PHOX2B-E1 KQLERVFA	348	7064
>PHOX2B-E1 KELERVFAETI	3952	>PHOX2B-E1 KQLERVFAET	489	3463
>PHOX2B-E1 KELERVFAETI	5257	>PHOX2B-E1 KQLERVFAET	183	5074
>PHOX2B-E1 KELERVFA	101	>PHOX2B-E1 KQLERVFA	11260	11159

>PHOX2B-E1 KELERVFA	34	>PHOX2B-E1 KQLERVFA	6697	6663
>PHOX2B-E1 KELERVFAE	297	>PHOX2B-E1 KQLERVFAE	18476	18179
>PHOX2B-E1 RTTFTSAQLKI	2683	>PHOX2B-E1 RTTFTSAQLKI	432	2251
>PHOX2B-E1 RTTFTSAQLKI	660	>PHOX2B-E1 RTTFTSAQLKI	264	396
>PHOX2B-E1 LKELERVF	166	>PHOX2B-E1 LKQLERVF	18	148
>PHOX2B-E1 QLKELERV	135	>PHOX2B-E1 QLKQLERV	318	183
>PHOX2B-E1 QLKELERV	47	>PHOX2B-E1 QLKQLERV	180	133
>PHOX2B-E1 QLKELERV	58	>PHOX2B-E1 QLKQLERV	258	200
>PHOX2B-E1 QLKELERV	362	>PHOX2B-E1 QLKQLERV	2163	1801
>PHOX2B-E1 QLKELERV	6	>PHOX2B-E1 QLKQLERV	10	4
>PHOX2B-E1 QLKELERVF	279	>PHOX2B-E1 QLKQLERVF	153	126
>PHOX2B-E1 QLKELERVF	265	>PHOX2B-E1 QLKQLERVF	293	28
>PHOX2B-E1 AQLKELERV	234	>PHOX2B-E1 AQLKQLERV	272	38
>PHOX2B-E1 AQLKELERV	12	>PHOX2B-E1 AQLKQLERV	13	1
>PHOX2B-E1 AQLKELERVF	35	>PHOX2B-E1 AQLKQLERVF	38	3
>PHOX2B-E1 AQLKELERV	64	>PHOX2B-E1 AQLKQLERV	55	9
>PHOX2B-E1 AQLKELERV	411	>PHOX2B-E1 AQLKQLERV	389	22
>PHOX2B-E1 AQLKELERV	218	>PHOX2B-E1 AQLKQLERV	164	54
>PHOX2B-E1 AQLKELERV	679	>PHOX2B-E1 AQLKQLERV	477	202
>PHOX2B-E1 AQLKELER	517	>PHOX2B-E1 AQLKQLER	95	422
>PHOX2B-E1 AQLKELERVF	122	>PHOX2B-E1 AQLKQLERVF	95	27
>PHOX2B-E1 AQLKELERVF	5	>PHOX2B-E1 AQLKQLERVF	5	0
>PHOX2B-E1 AQLKELERV	623	>PHOX2B-E1 AQLKQLERV	493	130
>PHOX2B-E1 SAQLKELER	992	>PHOX2B-E1 SAQLKQLER	264	728
>PHOX2B-E1 SAQLKELERV	406	>PHOX2B-E1 SAQLKQLERV	345	61
>PHOX2B-E1 TSAQLKELER	636	>PHOX2B-E1 TSAQLKQLER	435	201
>PHOX2B-E1 TSAQLKELER	823	>PHOX2B-E1 TSAQLKQLER	437	386
>PHOX2B-E1 TSAQLKELER	39	>PHOX2B-E1 TSAQLKQLER	41	2
>PHOX2B-E1 TSAQLKELER'	29	>PHOX2B-E1 TSAQLKQLER	35	6
>PHOX2B-E1 TSAQLKEL	223	>PHOX2B-E1 TSAQLKQL	85	138
>PHOX2B-E1 TSAQLKEL	363	>PHOX2B-E1 TSAQLKQL	607	244
>PHOX2B-E1 FTSAQLKEL	17	>PHOX2B-E1 FTSAQLKQL	28	11
>PHOX2B-E1 FTSAQLKEL	82	>PHOX2B-E1 FTSAQLKQL	101	19
>PHOX2B-E1 FTSAQLKEL	198	>PHOX2B-E1 FTSAQLKQL	616	418
>PHOX2B-E1 FTSAQLKELEF	20	>PHOX2B-E1 FTSAQLKQLE	21	1
>PHOX2B-E1 FTSAQLKEL	240	>PHOX2B-E1 FTSAQLKQL	754	514
>PHOX2B-E1 FTSAQLKEL	25	>PHOX2B-E1 FTSAQLKQL	17	8
>PHOX2B-E1 TFTAQLKEL	165	>PHOX2B-E1 TFTAQLKQL	224	59
>PHOX2B-E1 TTFTAQLKEI	34	>PHOX2B-E1 TTFTAQLKQ	78	44
>PHOX2B-E1 TTFTAQLKEI	602	>PHOX2B-E1 TTFTAQLKQ	437	165
>PHOX2B-E1 TTFTAQLKEI	8	>PHOX2B-E1 TTFTAQLKQ	6	2
>PHOX2B-E1 TTFTAQLKEI	707	>PHOX2B-E1 TTFTAQLKQ	378	329
>PHOX2B-E1 TTFTAQLKEI	125	>PHOX2B-E1 TTFTAQLKQ	68	57

>PHOX2B-E1 TTFTSAQLKEI	542	>PHOX2B-E1 TTFTSAQLKQ	241	301
>PHOX2B-F1.FQNRRAKFR	105	>PHOX2B-F1.CQNRRAKFR	37	68
>PHOX2B-F1.FQNRRAKF	111	>PHOX2B-F1.CQNRRAKF	1007	896
>PHOX2B-F1.FQNRRAKF	407	>PHOX2B-F1.CQNRRAKF	6531	6124
>PHOX2B-F1.FQNRRAKF	5	>PHOX2B-F1.CQNRRAKF	21	16
>PHOX2B-F1.FQNRRAKFR	705	>PHOX2B-F1.CQNRRAKFR	253	452
>PHOX2B-F1.WFQNRRAKF	79	>PHOX2B-F1.WCQNRRAKF	3197	3118
>PHOX2B-F1.WFQNRRAKF	15	>PHOX2B-F1.WCQNRRAKF	4397	4382
>PHOX2B-F1.WFQNRRAKF	31	>PHOX2B-F1.WCQNRRAKF	328	297
>PHOX2B-F1.WFQNRRAKF	367	>PHOX2B-F1.WCQNRRAKF	7638	7271
>PHOX2B-F1.WFQNRRAKF	30	>PHOX2B-F1.WCQNRRAKF	693	663
>PHOX2B-F1.WFQNRRAKF	1093	>PHOX2B-F1.WCQNRRAKF	180	913
>PHOX2B-F1.WFQNRRAKF	32	>PHOX2B-F1.WCQNRRAKF	424	392
>PHOX2B-F1.WFQNRRAKF	93	>PHOX2B-F1.WCQNRRAKF	395	302
>PHOX2B-F1.VWFQNRRAK	23	>PHOX2B-F1.VWCQNRRAK	72	49
>PHOX2B-F1.VWFQNRRAK	39	>PHOX2B-F1.VWCQNRRAK	89	50
>PHOX2B-F1.VWFQNRRAK	18	>PHOX2B-F1.VWCQNRRAK	38	20
>PHOX2B-F1.VWFQNRRAK	230	>PHOX2B-F1.VWCQNRRAK	2330	2100
>PHOX2B-F1.VWFQNRRAK	194	>PHOX2B-F1.VWCQNRRAK	626	432
>PHOX2B-F1.VWFQNRRAK	318	>PHOX2B-F1.VWCQNRRAK	3945	3627
>PHOX2B-F1.VWFQNRRAK	110	>PHOX2B-F1.VWCQNRRAK	356	246
>PHOX2B-F1.VWFQNRRAK	15	>PHOX2B-F1.VWCQNRRAK	20	5
>PHOX2B-F1.VWFQNRRAK	202	>PHOX2B-F1.VWCQNRRAK	593	391
>PHOX2B-F1.VWFQNRRAK	129	>PHOX2B-F1.VWCQNRRAK	355	226
>PHOX2B-F1.VWFQNRRAK	98	>PHOX2B-F1.VWCQNRRAK	264	166
>PHOX2B-F1.QVWFQNRRI	277	>PHOX2B-F1.QVWCQNRRI	850	573
>PHOX2B-F1.QVWFQNRRI	251	>PHOX2B-F1.QVWCQNRRI	330	79
>PHOX2B-F1.QVWFQNRRI	56	>PHOX2B-F1.QVWCQNRRI	106	50
>PHOX2B-F1.QVWFQNRRI	78	>PHOX2B-F1.QVWCQNRRI	139	61
>PHOX2B-F1.QVWFQNRRI	224	>PHOX2B-F1.QVWCQNRRI	399	175
>PHOX2B-F1.QVWFQNRRI	67	>PHOX2B-F1.QVWCQNRRI	166	99
>PHOX2B-F1.QVWFQNRRI	923	>PHOX2B-F1.QVWCQNRRI	327	596
>PHOX2B-F1.QVWFQNRRI	147	>PHOX2B-F1.QVWCQNRRI	236	89
>PHOX2B-F1.QVWFQNRRI	849	>PHOX2B-F1.QVWCQNRRI	418	431
>PHOX2B-F1.QVWFQNRRI	92	>PHOX2B-F1.QVWCQNRRI	59	33
>PHOX2B-F1.VQVWFQNRRI	389	>PHOX2B-F1.VQVWCQNRRI	999	610
>PHOX2B-F1.VQVWFQNRRI	58	>PHOX2B-F1.VQVWCQNRRI	152	94
>PHOX2B-F1.VQVWFQNRRI	127	>PHOX2B-F1.VQVWCQNRRI	189	62
>PHOX2B-F1.VQVWFQNRRI	82	>PHOX2B-F1.VQVWCQNRRI	147	65
>PHOX2B-F1.VQVWFQNRRI	122	>PHOX2B-F1.VQVWCQNRRI	110	12
>PHOX2B-F1.RVQVWFQNI	123	>PHOX2B-F1.RVQVWCQNI	615	492
>PHOX2B-F1.RVQVWFQNI	445	>PHOX2B-F1.RVQVWCQNI	852	407
>PHOX2B-F1.RVQVWFQNI	8	>PHOX2B-F1.RVQVWCQNI	24	16



>PHOX2B-F1.RVQVWFQNI	12	>PHOX2B-F1.RVQVWCQNI	15	3
>PHOX2B-F1.RVQVWFQNI	176	>PHOX2B-F1.RVQVWCQNI	407	231
>PHOX2B-F1.RVQVWFQNI	2910	>PHOX2B-F1.RVQVWCQNI	470	2440
>PHOX2B-F1.RVQVWFQNI	454	>PHOX2B-F1.RVQVWCQNI	3531	3077
>PHOX2B-F1.RVQVWFQNI	148	>PHOX2B-F1.RVQVWCQNI	568	420
>PHOX2B-F1.RVQVWFQNI	158	>PHOX2B-F1.RVQVWCQNI	322	164
>PHOX2B-F1.ARVQVWFQNI	441	>PHOX2B-F1.ARVQVWCQNI	1126	685
>PHOX2B-F1.ARVQVWFQNI	24	>PHOX2B-F1.ARVQVWCQNI	45	21
>PHOX2B-F1.ARVQVWFQNI	128	>PHOX2B-F1.ARVQVWCQNI	312	184
>PHOX2B-F1.ARVQVWFQNI	377	>PHOX2B-F1.ARVQVWCQNI	974	597
>PHOX2B-F1.EARVQVWF	183	>PHOX2B-F1.EARVQVWC	674	491
>PHOX2B-F1.EARVQVWF	25	>PHOX2B-F1.EARVQVWC	39	14
>PHOX2B-F1.EARVQVWF	62	>PHOX2B-F1.EARVQVWC	89	27
>PHOX2B-F1.EARVQVWF	66	>PHOX2B-F1.EARVQVWC	18822	18756
>PHOX2B-F1.TEARVQVWF	153	>PHOX2B-F1.TEARVQVWC	3812	3659
>PHOX2B-F1.TEARVQVWF	195	>PHOX2B-F1.TEARVQVWC	15206	15011
>PHOX2B-F1.TEARVQVWF	424	>PHOX2B-F1.TEARVQVWC	2312	1888
>PHOX2B-F1.TEARVQVWF	227	>PHOX2B-F1.TEARVQVWC	5709	5482
>PHOX2B-F1.TEARVQVWF	101	>PHOX2B-F1.TEARVQVWC	4621	4520
>PHOX2B-F1.TEARVQVWF	828	>PHOX2B-F1.TEARVQVWC	305	523
>PHOX2B-F1.LTEARVQVW	496	>PHOX2B-F1.LTEARVQVW	21205	20709
>PHOX2B-F1.LTEARVQVW	15	>PHOX2B-F1.LTEARVQVW	11039	11024
>PHOX2B-F1.LTEARVQVW	294	>PHOX2B-F1.LTEARVQVW	3115	2821
>PHOX2B-F1.LTEARVQVW	17	>PHOX2B-F1.LTEARVQVW	647	630
>PHOX2B-S7.SYLNSSAY	254	>PHOX2B-S7.YYLNSSAY	44	210
>PHOX2B-S7.SYLNSSAYE	1432	>PHOX2B-S7.YYLNSSAYE	324	1108
>PHOX2B-S7.SYLNSSAYES	639	>PHOX2B-S7.YYLNSSAYES	119	520
>PHOX2B-S7.SYLNSSAYESC	229	>PHOX2B-S7.YYLNSSAYESC	41	188
>PHOX2B-S7.SYLNSSAY	3645	>PHOX2B-S7.YYLNSSAY	292	3353
>PHOX2B-S7.SYLNSSAY	38	>PHOX2B-S7.YYLNSSAY	12	26
>PHOX2B-S7.SYLNSSAY	55	>PHOX2B-S7.YYLNSSAY	158	103
>PHOX2B-S7.SYLNSSAY	410	>PHOX2B-S7.YYLNSSAY	195	215
>PHOX2B-S7.SYLNSSAY	89	>PHOX2B-S7.YYLNSSAY	31	58
>PHOX2B-S7.SYLNSSAY	211	>PHOX2B-S7.YYLNSSAY	28	183
>PHOX2B-S7.SYLNSSAY	1038	>PHOX2B-S7.YYLNSSAY	69	969
>PHOX2B-S7.SYLNSSAY	1078	>PHOX2B-S7.YYLNSSAY	189	889
>PHOX2B-S7.SYLNSSAYESC	287	>PHOX2B-S7.YYLNSSAYESC	826	539
>PHOX2B-S7.YSYLNSSAY	134	>PHOX2B-S7.YYYLNSSAY	14892	14758
>PHOX2B-S7.YSYLNSSAY	20751	>PHOX2B-S7.YYYLNSSAY	124	20627
>PHOX2B-S7.YSYLNSSAYES	22888	>PHOX2B-S7.YYYLNSSAYES	333	22555
>PHOX2B-S7.YSYLNSSAY	81	>PHOX2B-S7.YYYLNSSAY	91	10
>PHOX2B-S7.YSYLNSSAY	386	>PHOX2B-S7.YYYLNSSAY	3786	3400
>PHOX2B-S7.YSYLNSSAY	65	>PHOX2B-S7.YYYLNSSAY	528	463

>PHOX2B-S7' YSYLNSSAY	18	>PHOX2B-S7' YYYYLNSSAY	9	9
>PHOX2B-S7' YSYLNSSAY	78	>PHOX2B-S7' YYYYLNSSAY	160	82
>PHOX2B-S7' YSYLNSSAY	214	>PHOX2B-S7' YYYYLNSSAY	2388	2174
>PHOX2B-S7' YSYLNSSAY	32	>PHOX2B-S7' YYYYLNSSAY	295	263
>PHOX2B-S7' YSYLNSSAY	28	>PHOX2B-S7' YYYYLNSSAY	21	7
>PHOX2B-S7' YSYLNSSA	327	>PHOX2B-S7' YYYYLNSSA	3592	3265
>PHOX2B-S7' YSYLNSSAY	5	>PHOX2B-S7' YYYYLNSSAY	36	31
>PHOX2B-S7' YSYLNSSA	278	>PHOX2B-S7' YYYYLNSSA	25398	25120
>PHOX2B-S7' YSYLNSSAY	3	>PHOX2B-S7' YYYYLNSSAY	1373	1370
>PHOX2B-S7' YSYLNSSAYE	260	>PHOX2B-S7' YYYYLNSSAYE	23854	23594
>PHOX2B-S7' YSYLNSSAYES	253	>PHOX2B-S7' YYYYLNSSAYES	25140	24887
>PHOX2B-S7' YSYLNSSAY	10	>PHOX2B-S7' YYYYLNSSAY	26	16
>PHOX2B-S7' YSYLNSSAY	203	>PHOX2B-S7' YYYYLNSSAY	3032	2829
>PHOX2B-S7' YSYLNSSAY	6	>PHOX2B-S7' YYYYLNSSAY	199	193
>PHOX2B-S7' YSYLNSSAYE	287	>PHOX2B-S7' YYYYLNSSAYE	21624	21337
>PHOX2B-S7' YSYLNSSAY	91	>PHOX2B-S7' YYYYLNSSAY	150	59
>PHOX2B-S7' YSYLNSSAY	930	>PHOX2B-S7' YYYYLNSSAY	222	708
>PHOX2B-S7' EYSYLNSSAY	288	>PHOX2B-S7' EYYYYLNSSAY	875	587
>PHOX2B-S7' EYSYLNSSAY	128	>PHOX2B-S7' EYYYYLNSSAY	130	2
>PHOX2B-S7' EYSYLNSSAY	494	>PHOX2B-S7' EYYYYLNSSAY	423	71
>PHOX2B-S7' EYSYLNSSAY	190	>PHOX2B-S7' EYYYYLNSSAY	52	138
>PHOX2B-S7' EYSYLNSSAY	4718	>PHOX2B-S7' EYYYYLNSSAY	420	4298
>PHOX2B-S7' EYSYLNSSAY	32	>PHOX2B-S7' EYYYYLNSSAY	31	1
>PHOX2B-S7' EYSYLNSSAY	214	>PHOX2B-S7' EYYYYLNSSAY	105	109
>PHOX2B-S7' EYSYLNSSAY	1329	>PHOX2B-S7' EYYYYLNSSAY	189	1140
>PHOX2B-S7' EYSYLNSSAY	1680	>PHOX2B-S7' EYYYYLNSSAY	300	1380
>PHOX2B-S7' EYSYLNSSA	712	>PHOX2B-S7' EYYYYLNSSA	456	256
>PHOX2B-S7' MEYSYLNSS	336	>PHOX2B-S7' MEYYYYLNSS	112	224
>PHOX2B-S7' MEYSYLNSSA	127	>PHOX2B-S7' MEYYYYLNSSA	56	71
>PHOX2B-S7' MEYSYLNSSA	67	>PHOX2B-S7' MEYYYYLNSSA	39	28
>PHOX2B-S7' MEYSYLNSSA	92	>PHOX2B-S7' MEYYYYLNSSA	69	23
>PHOX2B-S7' MEYSYLNSSA	197	>PHOX2B-S7' MEYYYYLNSSA	195	2
>PHOX2B-S7' MEYSYLNSSA	50	>PHOX2B-S7' MEYYYYLNSSA	51	1
>PHOX2B-S7' MEYSYLNSSA	129	>PHOX2B-S7' MEYYYYLNSSA	153	24
>PHOX2B-S7' MEYSYLNSSA	215	>PHOX2B-S7' MEYYYYLNSSA	279	64
>PHOX2B-S7' MEYSYLNSSA	5	>PHOX2B-S7' MEYYYYLNSSA	7	2
>PHOX2B-S7' MEYSYLNSS	237	>PHOX2B-S7' MEYYYYLNSS	222	15
>PHOX2B-S7' MEYSYLNSSA	5	>PHOX2B-S7' MEYYYYLNSSA	5	0
>PHOX2B-S7' MEYSYLNSSA	36	>PHOX2B-S7' MEYYYYLNSSA	41	5
>PHOX2B-S7' MEYSYLNSSA	860	>PHOX2B-S7' MEYYYYLNSSA	463	397
>PHOX2B-S7' MEYSYLNSS	331	>PHOX2B-S7' MEYYYYLNS	255	76
>PHOX2B-S7' MEYSYLNSS	159	>PHOX2B-S7' MEYYYYLNSS	143	16
>PHOX2B-S7' MEYSYLNSSA	373	>PHOX2B-S7' MEYYYYLNSSA	161	212

>PHOX2B-S7' MEYSYLNSSA	631	>PHOX2B-S7' MEYYYYLNSSA	494	137
>PHOX2B-S7' MEYSYLNSSA	437	>PHOX2B-S7' MEYYYYLNSSA	243	194
>PHOX2B-S7' MEYSYLNSSA	121	>PHOX2B-S7' MEYYYYLNSSA	198	77
>PHOX2B-S7' MEYSYLNSSA	234	>PHOX2B-S7' MEYYYYLNSSA	114	120
>PHOX2B-S7' MEYSYLNSSA	34	>PHOX2B-S7' MEYYYYLNSSA	39	5
>PHOX2B-S7' MEYSYLNSS	86	>PHOX2B-S7' MEYYYYLNSS	66	20
>PHOX2B-S7' MEYSYLNSS	72	>PHOX2B-S7' MEYYYYLNSS	58	14
>PHOX2B-S7' MEYSYLNSSA	24	>PHOX2B-S7' MEYYYYLNSSA	17	7
>PHOX2B-S7' MEYSYLNSSA	240	>PHOX2B-S7' MEYYYYLNSSA	211	29
>PHOX2B-S7' MEYSYLNSSA	1423	>PHOX2B-S7' MEYYYYLNSSA	351	1072
>PHOX2B-S7' MEYSYLNSSA	157	>PHOX2B-S7' MEYYYYLNSSA	267	110
>PHOX2B-S7' MEYSYLNSS	71	>PHOX2B-S7' MEYYYYLNSS	82	11
>PHOX2B-S7' MEYSYLNSSA	790	>PHOX2B-S7' MEYYYYLNSSA	423	367
>PHOX2B-S7' MEYSYLNSSA	170	>PHOX2B-S7' MEYYYYLNSSA	201	31
>PHOX2B-S7' MEYSYLNSSA	198	>PHOX2B-S7' MEYYYYLNSSA	313	115
>PHOX2B-S7' KMEYSYLNSS	462	>PHOX2B-S7' KMEYYYYLNSS	167	295
>PHOX2B-S7' KMEYSYLNSS	262	>PHOX2B-S7' KMEYYYYLNSS	200	62
>PHOX2B-S7' YKMEYSYL	179	>PHOX2B-S7' YKMEYYYYL	333	154
>PHOX2B-S7' YKMEYSYL	600	>PHOX2B-S7' YKMEYYYYL	135	465
>PHOX2B-S7' YKMEYSYL	25	>PHOX2B-S7' YKMEYYYYL	13	12
>PHOX2B-S7' YKMEYSYL	46	>PHOX2B-S7' YKMEYYYYL	29	17
>PHOX2B-S7' YKMEYSYL	92	>PHOX2B-S7' YKMEYYYYL	44	48
>PHOX2B-S7' YKMEYSYL	235	>PHOX2B-S7' YKMEYYYYL	84	151
>PHOX2B-S7' YKMEYSYL	588	>PHOX2B-S7' YKMEYYYYL	250	338
>PHOX2B-S7' YKMEYSYL	6	>PHOX2B-S7' YKMEYYYYL	8	2
>PHOX2B-S7' YKMEYSYLNSS	96	>PHOX2B-S7' YKMEYYYYLNSS	94	2
>PHOX2B-S7' YKMEYSYLNSS	122	>PHOX2B-S7' YKMEYYYYLNSS	110	12
>PHOX2B-S7' YKMEYSYL	17	>PHOX2B-S7' YKMEYYYYL	14	3
>PHOX2B-S7' MYKMEYSYL	1816	>PHOX2B-S7' MYKMEYYYYL	344	1472
>PHOX2B-S7' MYKMEYSYL	175	>PHOX2B-S7' MYKMEYYYYL	53	122
>PHOX2B-S7' MYKMEYSYL	319	>PHOX2B-S7' MYKMEYYYYL	138	181
>PHOX2B-S7' MYKMEYSY	544	>PHOX2B-S7' MYKMEYYYY	244	300
>PHOX2B-S7' MYKMEYSYL	7	>PHOX2B-S7' MYKMEYYYYL	7	0
>PHOX2B-S7' MYKMEYSY	65	>PHOX2B-S7' MYKMEYYYY	19	46
>PHOX2B-S7' MYKMEYSY	250	>PHOX2B-S7' MYKMEYYYY	123	127
>PHOX2B-S7' MYKMEYSYL	21	>PHOX2B-S7' MYKMEYYYYL	24	3
>PHOX2B-S7' MYKMEYSYLI	73	>PHOX2B-S7' MYKMEYYYYLI	86	13
>PHOX2B-S7' MYKMEYSY	43	>PHOX2B-S7' MYKMEYYYY	30	13
>PHOX2B-S7' MYKMEYSY	2683	>PHOX2B-S7' MYKMEYYYY	244	2439
>PHOX2B-S7' MYKMEYSYL	764	>PHOX2B-S7' MYKMEYYYYL	96	668
>PHOX2B-S7' MYKMEYSYL	501	>PHOX2B-S7' MYKMEYYYYL	350	151
>PHOX2B-S7' MYKMEYSY	492	>PHOX2B-S7' MYKMEYYYY	1089	597
>PHOX2B-S7' MYKMEYSY	174	>PHOX2B-S7' MYKMEYYYY	67	107

>PHOX2B-S7' MYKMEYSYL	1423	>PHOX2B-S7' MYKMEYYL	444	979
>PHOX2B-S7' MYKMEYSYL	243	>PHOX2B-S7' MYKMEYYL	150	93
>PICALM-V6:VMRPPNPF	11	>PICALM-V6:IMRPPNPF	9	2
>PICALM-V6:VMRPPNPF	135	>PICALM-V6:IMRPPNPF	116	19
>PICALM-V6:VMRPPNPF	5	>PICALM-V6:IMRPPNPF	6	1
>PICALM-V6:VMRPPNPF	74	>PICALM-V6:IMRPPNPF	121	47
>PICALM-V6:VMRPPNPF	76	>PICALM-V6:IMRPPNPF	127	51
>PICALM-V6:VMRPPNPF	4	>PICALM-V6:IMRPPNPF	5	1
>PICALM-V6:VMRPPNPF	100	>PICALM-V6:IMRPPNPF	33	67
>PICALM-V6:VMRPPNPF	95	>PICALM-V6:IMRPPNPF	34	61
>PICALM-V6:VMRPPNPF	32	>PICALM-V6:IMRPPNPF	31	1
>PICALM-V6:VMRPPNPF	246	>PICALM-V6:IMRPPNPF	200	46
>PICALM-V6:VMRPPNPF	43	>PICALM-V6:IMRPPNPF	39	4
>PICALM-V6:VMRPPNPF	558	>PICALM-V6:IMRPPNPF	480	78
>PICALM-V6:VMRPPNPF	4	>PICALM-V6:IMRPPNPF	3	1
>PICALM-V6:VMRPPNPF	126	>PICALM-V6:IMRPPNPF	54	72
>PICALM-V6:VMRPPNPF	39	>PICALM-V6:IMRPPNPF	23	16
>PICALM-V6:PVMRPPNPF	89	>PICALM-V6:PIMRPPNPF	332	243
>PICALM-V6:PVMRPPNPF	373	>PICALM-V6:PIMRPPNPF	441	68
>PICALM-V6:PVMRPPNPF	276	>PICALM-V6:PIMRPPNPF	177	99
>PICALM-V6:TQPTLIYSQP\	2015	>PICALM-V6:TQPTLIYSQPI	215	1800
>PICALM-V6:TQPTLIYSQP\	318	>PICALM-V6:TQPTLIYSQPI	1782	1464
>PICALM-V6:TQPTLIYSQP\	469	>PICALM-V6:TQPTLIYSQPI	1629	1160
>PICALM-V6:TQPTLIYSQP\	84	>PICALM-V6:TQPTLIYSQPI	669	585
>PICALM-V6:TQPTLIYSQP\	13	>PICALM-V6:TQPTLIYSQPI	49	36
>PICALM-V6:TQPTLIYSQP\	425	>PICALM-V6:TQPTLIYSQPI	4060	3635
>PICALM-V6:TQPTLIYSQP\	219	>PICALM-V6:TQPTLIYSQPI	1139	920
>PICALM-V6:QPVMRPPNPF	310	>PICALM-V6:QPIMRPPNPF	213	97
>PICALM-V6:QPVMRPPNPF	239	>PICALM-V6:QPIMRPPNPF	168	71
>PICALM-V6:QPVMRPPNPF	142	>PICALM-V6:QPIMRPPNPF	125	17
>PICALM-V6:SQPVMRPPNPF	126	>PICALM-V6:SQPIMRPPNPF	155	29
>PICALM-V6:SQPVMRPPNPF	18	>PICALM-V6:SQPIMRPPNPF	26	8
>PICALM-V6:IYSQPVMR	364	>PICALM-V6:IYSQPIMR	391	27
>PICALM-V6:IYSQPVMR	185	>PICALM-V6:IYSQPIMR	144	41
>PICALM-V6:IYSQPVMR	462	>PICALM-V6:IYSQPIMR	537	75
>PICALM-V6:IYSQPVMR	29	>PICALM-V6:IYSQPIMR	27	2
>PICALM-V6:LIYSQPVM	332	>PICALM-V6:LIYSQPIM	856	524
>PICALM-V6:LIYSQPVMR	177	>PICALM-V6:LIYSQPIMR	105	72
>PICALM-V6:LIYSQPVMR	401	>PICALM-V6:LIYSQPIMR	176	225
>PICALM-V6:LIYSQPVMR	37	>PICALM-V6:LIYSQPIMR	67	30
>PICALM-V6:LIYSQPVMR	33	>PICALM-V6:LIYSQPIMR	45	12
>PICALM-V6:LIYSQPVM	153	>PICALM-V6:LIYSQPIM	677	524
>PICALM-V6:LIYSQPVM	142	>PICALM-V6:LIYSQPIM	172	30

>PICALM-V6: LIYSQPVMR	126	>PICALM-V6: LIYSQPIMR	129	3
>PICALM-V6: TLIYSQPV	17	>PICALM-V6: TLIYSQPI	55	38
>PICALM-V6: TLIYSQPV	10	>PICALM-V6: TLIYSQPI	39	29
>PICALM-V6: TLIYSQPV	7	>PICALM-V6: TLIYSQPI	22	15
>PICALM-V6: TLIYSQPV	24	>PICALM-V6: TLIYSQPI	197	173
>PICALM-V6: TLIYSQPV	17	>PICALM-V6: TLIYSQPI	180	163
>PICALM-V6: TLIYSQPV	8	>PICALM-V6: TLIYSQPI	42	34
>PICALM-V6: TLIYSQPV	20	>PICALM-V6: TLIYSQPI	631	611
>PICALM-V6: TLIYSQPV	95	>PICALM-V6: TLIYSQPI	3172	3077
>PICALM-V6: TLIYSQPV	5	>PICALM-V6: TLIYSQPI	120	115
>PICALM-V6: TLIYSQPVMR	371	>PICALM-V6: TLIYSQPIMR	308	63
>PICALM-V6: TLIYSQPVMR	171	>PICALM-V6: TLIYSQPIMR	101	70
>PICALM-V6: TLIYSQPVM	68	>PICALM-V6: TLIYSQPIM	114	46
>PICALM-V6: TLIYSQPVMR	203	>PICALM-V6: TLIYSQPIMR	231	28
>PICALM-V6: TLIYSQPV	4276	>PICALM-V6: TLIYSQPI	447	3829
>PICALM-V6: TLIYSQPVMR	26	>PICALM-V6: TLIYSQPIMR	27	1
>PICALM-V6: TLIYSQPV	51	>PICALM-V6: TLIYSQPI	149	98
>PICALM-V6: TLIYSQPV	87	>PICALM-V6: TLIYSQPI	589	502
>PICALM-V6: TLIYSQPVM	124	>PICALM-V6: TLIYSQPIM	730	606
>PICALM-V6: TLIYSQPVM	391	>PICALM-V6: TLIYSQPIM	430	39
>PICALM-V6: TLIYSQPVMR	165	>PICALM-V6: TLIYSQPIMR	132	33
>PICALM-V6: PTLIYSQPV	221	>PICALM-V6: PTLIYSQPI	2960	2739
>PICALM-V6: PTLIYSQPV	31	>PICALM-V6: PTLIYSQPI	244	213
>PICALM-V6: PTLIYSQPVM	219	>PICALM-V6: PTLIYSQPIM	454	235
>PICALM-V6: PTLIYSQPVM	135	>PICALM-V6: PTLIYSQPIM	103	32
>PICALM-V6: QPTLIYSQPV	59	>PICALM-V6: QPTLIYSQPI	66	7
>PICALM-V6: QPTLIYSQPVI	54	>PICALM-V6: QPTLIYSQPIM	81	27
>PICALM-V6: QPTLIYSQPV	302	>PICALM-V6: QPTLIYSQPI	1901	1599
>PIK3R1-D46 DRLYEEYTR	5212	>PIK3R1-D46 HRLYEEYTR	242	4970
>PIK3R1-D46 DRLYEEYTRT	5706	>PIK3R1-D46 HRLYEEYTRT	96	5610
>PIK3R1-D46 DRLYEEYTR	1430	>PIK3R1-D46 HRLYEEYTR	67	1363
>PIK3R1-D46 YDRLYEEY	1763	>PIK3R1-D46 YHRLYEEY	42	1721
>PIK3R1-D46 EYDRLYEEY	930	>PIK3R1-D46 EYHRLYEEY	107	823
>PIK3R1-D46 EYDRLYEEY	7575	>PIK3R1-D46 EYHRLYEEY	173	7402
>PIK3R1-D46 EYDRLYEEYTF	2357	>PIK3R1-D46 EYHRLYEEYTF	233	2124
>PIK3R1-D46 EYDRLYEEYTF	58	>PIK3R1-D46 EYHRLYEEYTF	22	36
>PIK3R1-D46 EYDRLYEEYTF	256	>PIK3R1-D46 EYHRLYEEYTF	46	210
>PIK3R1-D46 EYDRLYEEYTF	76	>PIK3R1-D46 EYHRLYEEYTF	31	45
>PIK3R1-D46 REYDRLYEEY	327	>PIK3R1-D46 REYHRLYEEY	111	216
>PIK3R1-D46 REYDRLYEEY	1209	>PIK3R1-D46 REYHRLYEEY	345	864
>PIK3R1-D46 REYDRLYEEY	152	>PIK3R1-D46 REYHRLYEEY	170	18
>PIK3R1-D46 REYDRLYEEY	511	>PIK3R1-D46 REYHRLYEEY	178	333
>PIK3R1-D46 REYDRLYEEY	176	>PIK3R1-D46 REYHRLYEEY	152	24

>PIK3R1-D46 REYDRLYEEY	74	>PIK3R1-D46 REYHRLYEEY	24	50
>PIK3R1-D46 REYDRLYEEY	233	>PIK3R1-D46 REYHRLYEEY	263	30
>PIK3R1-D46 REYDRLYEE	600	>PIK3R1-D46 REYHRLYEE	492	108
>PIK3R1-D46 REYDRLYEEY	352	>PIK3R1-D46 REYHRLYEEY	226	126
>PIK3R1-D46 REYDRLYEEY	158	>PIK3R1-D46 REYHRLYEEY	148	10
>PIK3R1-D46 REYDRLYEEY	111	>PIK3R1-D46 REYHRLYEEY	64	47
>PIK3R1-D46 REYDRLYEEY	40	>PIK3R1-D46 REYHRLYEEY	28	12
>PIK3R1-D46 REYDRLYEEY	184	>PIK3R1-D46 REYHRLYEEY	191	7
>PIK3R1-D46 REYDRLYEE	83	>PIK3R1-D46 REYHRLYEE	183	100
>PIK3R1-D46 REYDRLYEEY	29	>PIK3R1-D46 REYHRLYEEY	47	18
>PIK3R1-D46 SREYDRLYEE	848	>PIK3R1-D46 SREYHRLYEE	392	456
>PIK3R1-D46 KSREYDRL	168	>PIK3R1-D46 KSREYHRL	30	138
>PIK3R1-D46 KSREYDRL	54	>PIK3R1-D46 KSREYHRL	8	46
>PIK3R1-D46 KSREYDRLY	22	>PIK3R1-D46 KSREYHRLY	5	17
>PIK3R1-D46 KSREYDRLYE	72	>PIK3R1-D46 KSREYHRLYE	12	60
>PIK3R1-D46 KSREYDRLYEI	444	>PIK3R1-D46 KSREYHRLYEI	94	350
>PIK3R1-D46 KSREYDRLY	189	>PIK3R1-D46 KSREYHRLY	267	78
>PIK3R1-D46 KSREYDRLY	674	>PIK3R1-D46 KSREYHRLY	383	291
>PIK3R1-D46 KSREYDRLY	486	>PIK3R1-D46 KSREYHRLY	76	410
>PIK3R1-D46 KSREYDRL	8	>PIK3R1-D46 KSREYHRL	4	4
>PIK3R1-D46 KSREYDRLY	6	>PIK3R1-D46 KSREYHRLY	4	2
>PIK3R1-D46 KSREYDRL	1102	>PIK3R1-D46 KSREYHRL	263	839
>PIK3R1-D46 KSREYDRLY	62	>PIK3R1-D46 KSREYHRLY	49	13
>PIK3R1-D46 KSREYDRLY	49	>PIK3R1-D46 KSREYHRLY	14	35
>PIK3R1-D46 EKSREYDR	647	>PIK3R1-D46 EKSREYHR	270	377
>PIK3R1-D46 EKSREYDRLY	663	>PIK3R1-D46 EKSREYHRLY	213	450
>PIK3R1-D46 QEKSREYDR	3476	>PIK3R1-D46 QEKSREYHR	290	3186
>PIK3R1-D46 QEKSREYDRL	591	>PIK3R1-D46 QEKSREYHRL	144	447
>PIK3R1-D46 QEKSREYDRL	474	>PIK3R1-D46 QEKSREYHRL	664	190
>PIK3R1-D46 QEKSREYDR	930	>PIK3R1-D46 QEKSREYHR	133	797
>PIK3R1-D46 FQEKSREYDR	517	>PIK3R1-D46 FQEKSREYHR	355	162
>PIK3R1-D46 FQEKSREYDR	330	>PIK3R1-D46 FQEKSREYHR	163	167
>PIK3R1-D46 FQEKSREYDR	546	>PIK3R1-D46 FQEKSREYHR	92	454
>PIK3R1-D46 FQEKSREYDR	862	>PIK3R1-D46 FQEKSREYHR	231	631
>PIK3R1-D46 QFQEKSREYD	360	>PIK3R1-D46 QFQEKSREYH	50	310
>PIK3R1-D46 QFQEKSREYD	205	>PIK3R1-D46 QFQEKSREYH	69	136
>PIK3R1-D46 QFQEKSREYD	247	>PIK3R1-D46 QFQEKSREYH	105	142
>PIK3R1-D56 DKRMNSIK	3032	>PIK3R1-D56 YKRMNSIK	219	2813
>PIK3R1-D56 DKRMNSIK	2288	>PIK3R1-D56 YKRMNSIK	59	2229
>PIK3R1-D56 DKRMNSIKP	11185	>PIK3R1-D56 YKRMNSIKP	338	10847
>PIK3R1-D56 DKRMNSIKPC	1284	>PIK3R1-D56 YKRMNSIKPC	21	1263
>PIK3R1-D56 IDKRMNSI	6980	>PIK3R1-D56 IYKRMNSI	6	6974
>PIK3R1-D56 IDKRMNSI	22986	>PIK3R1-D56 IYKRMNSI	250	22736

>PIK3R1-D56 IDKRMNSI	18066	>PIK3R1-D56 IYKRMNSI	84	17982
>PIK3R1-D56 IDKRMNSI	26049	>PIK3R1-D56 IYKRMNSI	64	25985
>PIK3R1-D56 IDKRMNSI	8349	>PIK3R1-D56 IYKRMNSI	43	8306
>PIK3R1-D56 IDKRMNSIK	1656	>PIK3R1-D56 IYKRMNSIK	7	1649
>PIK3R1-D56 IDKRMNSIK	14216	>PIK3R1-D56 IYKRMNSIK	283	13933
>PIK3R1-D56 KKQAAEYREI	32262	>PIK3R1-D56 KKQAAEYREI'	345	31917
>PIK3R1-D56 KKQAAEYREI	12943	>PIK3R1-D56 KKQAAEYREI'	17	12926
>PIK3R1-D56 EIDKRMNSIK	1288	>PIK3R1-D56 EIYKRMNSIK	62	1226
>PIK3R1-D56 EIDKRMNSIK	2333	>PIK3R1-D56 EIYKRMNSIK	394	1939
>PIK3R1-D56 EIDKRMNSI	212	>PIK3R1-D56 EIYKRMNSI	47	165
>PIK3R1-D56 EIDKRMNSI	13498	>PIK3R1-D56 EIYKRMNSI	319	13179
>PIK3R1-D56 EIDKRMNSI	11602	>PIK3R1-D56 EIYKRMNSI	189	11413
>PIK3R1-D56 EIDKRMNSI	3951	>PIK3R1-D56 EIYKRMNSI	442	3509
>PIK3R1-D56 EIDKRMNSIK	415	>PIK3R1-D56 EIYKRMNSIK	26	389
>PIK3R1-D56 EIDKRMNSI	2312	>PIK3R1-D56 EIYKRMNSI	81	2231
>PIK3R1-D56 EIDKRMNSI	177	>PIK3R1-D56 EIYKRMNSI	51	126
>PIK3R1-D56 EIDKRMNSI	1473	>PIK3R1-D56 EIYKRMNSI	52	1421
>PIK3R1-D56 REIDKRMNSI	77	>PIK3R1-D56 REIYKRMNSI	33	44
>PIK3R1-D56 REIDKRMNSI	1408	>PIK3R1-D56 REIYKRMNSI	493	915
>PIK3R1-D56 REIDKRMNSI	144	>PIK3R1-D56 REIYKRMNSI	54	90
>PIK3R1-D56 REIDKRMNSI	974	>PIK3R1-D56 REIYKRMNSI	322	652
>PIK3R1-D56 REIDKRMNSI	11	>PIK3R1-D56 REIYKRMNSI	6	5
>PIK3R1-D56 YREIDKRMNS	638	>PIK3R1-D56 YREIYKRMNS	223	415
>PIK3R1-D56 EYREIDKR	2881	>PIK3R1-D56 EYREIYKR	137	2744
>PIK3R1-D56 EYREIDKR	25	>PIK3R1-D56 EYREIYKR	9	16
>PIK3R1-D56 EYREIDKR	214	>PIK3R1-D56 EYREIYKR	129	85
>PIK3R1-D56 EYREIDKR	85	>PIK3R1-D56 EYREIYKR	26	59
>PIK3R1-D56 AEYREIDKRM	324	>PIK3R1-D56 AEYREIYKRM	155	169
>PIK3R1-D56 AEYREIDKRM	1368	>PIK3R1-D56 AEYREIYKRM	400	968
>PIK3R1-D56 AEYREIDKRM	816	>PIK3R1-D56 AEYREIYKRM	383	433
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>PIK3R1-N56 NSIKPDLIQL	9003	>PIK3R1-N56 KSIKPDLIQL	40	8963
>PIK3R1-N56 NSIKPDLIQLR	991	>PIK3R1-N56 KSIKPDLIQLR	78	913
>PIK3R1-N56 NSIKPDLI	188	>PIK3R1-N56 KSIKPDLI	26	162
>PIK3R1-N56 MNSIKPDL	9266	>PIK3R1-N56 MNSIKPDL	424	8842
>PIK3R1-N56 MNSIKPDLIQL	9425	>PIK3R1-N56 MNSIKPDLIQL	489	8936
>PIK3R1-N56 RMNSIKPDL	348	>PIK3R1-N56 RMNSIKPDL	2864	2516
>PIK3R1-N56 RMNSIKPDLI	139	>PIK3R1-N56 RMNSIKPDLI	203	64
>PIK3R1-N56 RMNSIKPDL	493	>PIK3R1-N56 RMNSIKPDL	1025	532
>PIK3R1-N56 RMNSIKPDLI	155	>PIK3R1-N56 RMNSIKPDLI	134	21
>PIK3R1-N56 RMNSIKPDL	84	>PIK3R1-N56 RMNSIKPDL	2062	1978
>PIK3R1-N56 RMNSIKPDLI	26	>PIK3R1-N56 RMNSIKPDLI	583	557
>PIK3R1-N56 RMNSIKPDLI	353	>PIK3R1-N56 RMNSIKPDLI	3291	2938
>PIK3R1-N56 RMNSIKPDL	66	>PIK3R1-N56 RMNSIKPDL	3450	3384
>PIK3R1-N56 RMNSIKPDLI	156	>PIK3R1-N56 RMNSIKPDLI	5897	5741
>PIK3R1-N56 RMNSIKPDL	32	>PIK3R1-N56 RMNSIKPDL	104	72
>PIK3R1-N56 RMNSIKPDLI	356	>PIK3R1-N56 RMNSIKPDLI	1200	844
>PIK3R1-N56 RMNSIKPDL	4094	>PIK3R1-N56 RMNSIKPDL	220	3874
>PIK3R1-N56 RMNSIKPDLI	2314	>PIK3R1-N56 RMNSIKPDLI	117	2197
>PIK3R1-N56 RMNSIKPDL	244	>PIK3R1-N56 RMNSIKPDL	1863	1619
>PIK3R1-N56 RMNSIKPDLI	75	>PIK3R1-N56 RMNSIKPDLI	520	445
>PIK3R1-N56 RMNSIKPDL	195	>PIK3R1-N56 RMNSIKPDL	173	22
>PIK3R1-N56 RMNSIKPDL	123	>PIK3R1-N56 RMNSIKPDL	185	62
>PIK3R1-N56 KRMNSIKPDL	59	>PIK3R1-N56 KRMNSIKPDL	72	13
>PIK3R1-N56 KRMNSIKPDL	227	>PIK3R1-N56 KRMNSIKPDL	293	66
>PIK3R1-N56 KRMNSIKP	322	>PIK3R1-N56 KRMNSIKP	364	42
>PIK3R1-N56 KRMNSIKPD	458	>PIK3R1-N56 KRMNSIKPD	482	24
>PIK3R1-N56 KRMNSIKPDL	17	>PIK3R1-N56 KRMNSIKPDL	19	2
>PIK3R1-N56 KRMNSIKPDL	36	>PIK3R1-N56 KRMNSIKPDL	37	1

>PIK3R1-N56 KRMNSIKP	1461	>PIK3R1-N56 KRMKSIKP	473	988
>PIK3R1-N56 KRMNSIKPDL	43	>PIK3R1-N56 KRMKSIKPDL	44	1
>PIK3R1-N56 KRMNSIKPDL	98	>PIK3R1-N56 KRMKSIKPDL	72	26
>PIK3R1-N56 KRMNSIKPDL	49	>PIK3R1-N56 KRMKSIKPDL	56	7
>PIK3R1-N56 KRMNSIKPDL	117	>PIK3R1-N56 KRMKSIKPDL	108	9
>PIK3R1-N56 EIDKRMNSI	212	>PIK3R1-N56 EIDKRMKSI	1609	1397
>PIK3R1-N56 EIDKRMNSIK	415	>PIK3R1-N56 EIDKRMKSIK	871	456
>PIK3R1-N56 EIDKRMNSI	177	>PIK3R1-N56 EIDKRMKSI	1463	1286
>PIK3R1-N56 REIDKRMNSI	77	>PIK3R1-N56 REIDKRMKSI	48	29
>PIK3R1-N56 REIDKRMNSI	144	>PIK3R1-N56 REIDKRMKSI	144	0
>PIK3R1-N56 REIDKRMNSI	11	>PIK3R1-N56 REIDKRMKSI	11	0
>PIK3R1-N56 YREIDKRMNSI	638	>PIK3R1-N56 YREIDKRMKS	331	307
>PIM1-N178:NRGELKLIDF	1167	>PIM1-N178:SRGELKLIDF	293	874
>PIM1-N178:LNRGELKLI	5708	>PIM1-N178:LSRGELKLI	237	5471
>PIM1-N178:LNRGELKLIDF	1232	>PIM1-N178:LSRGELKLIDF	215	1017
>PIM1-N178:LNRGELKL	11263	>PIM1-N178:LSRGELKL	8	11255
>PIM1-N178:LNRGELKLI	19541	>PIM1-N178:LSRGELKLI	90	19451
>PIM1-N178:LNRGELKLIDF	9239	>PIM1-N178:LSRGELKLIDF	8	9231
>PIM1-N178:LNRGELKLI	4410	>PIM1-N178:LSRGELKLI	276	4134
>PIM1-N178:LNRGELKLIDF	3373	>PIM1-N178:LSRGELKLIDF	257	3116
>PIM1-N178:LNRGELKLI	1871	>PIM1-N178:LSRGELKLI	96	1775
>PIM1-N178:DLNRGELKL	275	>PIM1-N178:DLSRGELKL	232	43
>PIM1-N178:DLNRGELK	727	>PIM1-N178:DLSRGELK	413	314
>PIM1-N178:IDLNRGELKLI	63	>PIM1-N178:IDLSRGELKLI	75	12
>PIM1-N178:IDLNRGELKLI	255	>PIM1-N178:IDLSRGELKLI	231	24
>PIM1-N178:IDLNRGELKLI	68	>PIM1-N178:IDLSRGELKLI	54	14
>PIM1-N178:LIDLNRGELK	431	>PIM1-N178:LIDLNRGELK	481	50
>PIM1-N178:LIDLNRGELK	201	>PIM1-N178:LIDLNRGELK	192	9
>PIM1-N178:ILIDLNRGEL	200	>PIM1-N178:ILIDLNRGEL	180	20
>PIM1-N178:ILIDLNRG	472	>PIM1-N178:ILIDLNRG	625	153
>PIM1-N178:ILIDLNRGEL	52	>PIM1-N178:ILIDLNRGEL	43	9
>PIM1-N178:ILIDLNRGEL	62	>PIM1-N178:ILIDLNRGEL	44	18
>PIM1-N178:ILIDLNRGEL	741	>PIM1-N178:ILIDLNRGEL	474	267
>PIM1-N178:ILIDLNRGEL	44	>PIM1-N178:ILIDLNRGEL	45	1
>PIM1-N178:ILIDLNRGEL	155	>PIM1-N178:ILIDLNRGEL	149	6
>PIM1-N178:ILIDLNRGEL	728	>PIM1-N178:ILIDLNRGEL	395	333
>PIM1-N178:ILIDLNRGEL	8	>PIM1-N178:ILIDLNRGEL	7	1
>PIM1-N178:ILIDLNRGELK	349	>PIM1-N178:ILIDLNRGELK	209	140
>PIM1-N178:ILIDLNRGELK	131	>PIM1-N178:ILIDLNRGELK	101	30
>PIM1-N178:ILIDLNRGELK	353	>PIM1-N178:ILIDLNRGELK	330	23
>PIM1-N178:NILIDLNR	450	>PIM1-N178:NILIDLNR	371	79
>PIM1-N178:NILIDLNR	203	>PIM1-N178:NILIDLNR	206	3
>PIM1-N178:NILIDLNR	134	>PIM1-N178:NILIDLNR	248	114

>PIM1-N178!ENILIDLNR	36	>PIM1-N178!ENILIDLSR	34	2
>PIM1-N178!ENILIDLNR	274	>PIM1-N178!ENILIDLSR	579	305
>PIM1-N178!KDENILIDLNF	474	>PIM1-N178!KDENILIDLSR	817	343
>PIM1-Y53H-YSGIRVSDNL	112	>PIM1-Y53H-HSGIRVSDNL	263	151
>PIM1-Y53H-VYSGIRVSDN	114	>PIM1-Y53H-VHSGIRVSDN	11000	10886
>PIM1-Y53H-VYSGIRVSDN	13	>PIM1-Y53H-VHSGIRVSDN	13745	13732
>PIM1-Y53H-LLGSGGFGSV	41	>PIM1-Y53H-LLGSGGFGSV	6222	6181
>PIM1-Y53H-LLGSGGFGSV	39	>PIM1-Y53H-LLGSGGFGSV	7932	7893
>PIM1-Y53H-LLGSGGFGSV	104	>PIM1-Y53H-LLGSGGFGSV	16423	16319
>PIM1-Y53H-LLGSGGFGSV	38	>PIM1-Y53H-LLGSGGFGSV	594	556
>PIM1-Y53H-LLGSGGFGSV	29	>PIM1-Y53H-LLGSGGFGSV	1147	1118
>PIM1-Y53H-LLGSGGFGSV	227	>PIM1-Y53H-LLGSGGFGSV	5005	4778
>PIM1-Y53H-LLGSGGFGSV	58	>PIM1-Y53H-LLGSGGFGSV	1043	985
>PIM1-Y53H-SVYSGIRV	103	>PIM1-Y53H-SVHSGIRV	1311	1208
>PIM1-Y53H-SVYSGIRV	486	>PIM1-Y53H-SVHSGIRV	2970	2484
>PIM1-Y53H-SVYSGIRV	24	>PIM1-Y53H-SVHSGIRV	110	86
>PIM1-Y53H-SVYSGIRV	43	>PIM1-Y53H-SVHSGIRV	397	354
>PIM1-Y53H-SVYSGIRV	6	>PIM1-Y53H-SVHSGIRV	30	24
>PIM1-Y53H-SVYSGIRV	339	>PIM1-Y53H-SVHSGIRV	2524	2185
>PIM1-Y53H-SVYSGIRV	13	>PIM1-Y53H-SVHSGIRV	179	166
>PIM1-Y53H-SVYSGIRV	5	>PIM1-Y53H-SVHSGIRV	11	6
>PIM1-Y53H-SVYSGIRV	2711	>PIM1-Y53H-SVHSGIRV	222	2489
>PIM1-Y53H-SVYSGIRV	55	>PIM1-Y53H-SVHSGIRV	110	55
>PIM1-Y53H-SVYSGIRV	31	>PIM1-Y53H-SVHSGIRV	873	842
>PIM1-Y53H-GSVYSGIR	388	>PIM1-Y53H-GSVHSGIR	1150	762
>PIM1-Y53H-GSVYSGIRV	158	>PIM1-Y53H-GSVHSGIRV	92	66
>PIM1-Y53H-GSVYSGIRV	411	>PIM1-Y53H-GSVHSGIRV	721	310
>PIM1-Y53H-GSVYSGIR	481	>PIM1-Y53H-GSVHSGIR	339	142
>PIM1-Y53H-FGSVYSGI	486	>PIM1-Y53H-FGSVHSGI	1482	996
>PIM1-Y53H-GFGSVYSGI	88	>PIM1-Y53H-GFGSVHSGI	628	540
>PIM1-Y53H-SGGFSGSVY	103	>PIM1-Y53H-SGGFSGSVH	12301	12198
>PIM1-Y53H-SGGFSGSVY	218	>PIM1-Y53H-SGGFSGSVH	11268	11050
>PIM1-Y53H-GSGGFGSVY	326	>PIM1-Y53H-GSGGFGSVH	15492	15166
>PIM1-Y53H-GSGGFGSVY	103	>PIM1-Y53H-GSGGFGSVH	11400	11297
>PIM1-Y53H-GSGGFGSVY	94	>PIM1-Y53H-GSGGFGSVH	7491	7397
>PIM1-Y53H-GSGGFGSVY	61	>PIM1-Y53H-GSGGFGSVH	13273	13212
>PIM1-Y53H-GSGGFGSVY	3	>PIM1-Y53H-GSGGFGSVH	28	25
>PIM1-Y53H-LGSGGFGSVY	412	>PIM1-Y53H-LGSGGFGSVH	24756	24344
>PIM1-Y53H-LGSGGFGSVY	289	>PIM1-Y53H-LGSGGFGSVH	24993	24704
>PIM1-Y53H-LGSGGFGSVY	84	>PIM1-Y53H-LGSGGFGSVH	4816	4732
>PIM1-Y53H-LGSGGFGSVY	245	>PIM1-Y53H-LGSGGFGSVH	10790	10545
>PIM1-Y53H-LGSGGFGSVY	112	>PIM1-Y53H-LGSGGFGSVH	15986	15874
>PLAG1-M36MELQGGVP	59	>PLAG1-M36IELQGGVP	118	59

>PLAG1-M36MELQGGVPS	162	>PLAG1-M36IELQGGVPS	304	142
>PLAG1-M36MELQGGVPS	178	>PLAG1-M36IELQGGVPS	495	317
>PLAG1-M36MELQGGVPS	401	>PLAG1-M36IELQGGVPSS!	1125	724
>PLAG1-M36MELQGGVPS	47	>PLAG1-M36IELQGGVPS	1595	1548
>PLAG1-M36MELQGGVPS	221	>PLAG1-M36IELQGGVPSS!	5462	5241
>PLAG1-M36LMELQGGV	397	>PLAG1-M36LIELQGGV	2947	2550
>PLAG1-M36LMELQGGV	264	>PLAG1-M36LIELQGGV	1861	1597
>PLAG1-M36LMELQGGV	64	>PLAG1-M36LIELQGGV	2589	2525
>PLAG1-M36LMELQGGV	90	>PLAG1-M36LIELQGGV	6262	6172
>PLAG1-M36LMELQGGV	420	>PLAG1-M36LIELQGGV	8054	7634
>PLAG1-M36LMELQGGV	10	>PLAG1-M36LIELQGGV	148	138
>PLAG1-M36PLKGEIESYLI	1475	>PLAG1-M36PLKGEIESYLI	396	1079
>PLAG1-M36PLKGEIESYLI	2198	>PLAG1-M36PLKGEIESYLI	358	1840
>PLAG1-M36YLMELQGGV	8	>PLAG1-M36YLIELQGGV	12	4
>PLAG1-M36YLMELQGGV	68	>PLAG1-M36YLIELQGGVP!	232	164
>PLAG1-M36YLMELQGG	32	>PLAG1-M36YLIELQGG	123	91
>PLAG1-M36YLMELQGGV	3	>PLAG1-M36YLIELQGGV	5	2
>PLAG1-M36YLMELQGGV	35	>PLAG1-M36YLIELQGGVP!	135	100
>PLAG1-M36YLMELQGG	97	>PLAG1-M36YLIELQGG	226	129
>PLAG1-M36YLMELQGGV	2	>PLAG1-M36YLIELQGGV	2	0
>PLAG1-M36YLMELQGGV	30	>PLAG1-M36YLIELQGGVP!	69	39
>PLAG1-M36YLMELQGG	193	>PLAG1-M36YLIELQGG	368	175
>PLAG1-M36YLMELQGGV	4	>PLAG1-M36YLIELQGGV	5	1
>PLAG1-M36YLMELQGGV	43	>PLAG1-M36YLIELQGGVP!	81	38
>PLAG1-M36YLMELQGG	37	>PLAG1-M36YLIELQGG	74	37
>PLAG1-M36YLMELQGGV	1	>PLAG1-M36YLIELQGGV	1	0
>PLAG1-M36YLMELQGGV	22	>PLAG1-M36YLIELQGGVP!	41	19
>PLAG1-M36YLMELQGG	95	>PLAG1-M36YLIELQGG	224	129
>PLAG1-M36YLMELQGGV	2	>PLAG1-M36YLIELQGGV	3	1
>PLAG1-M36YLMELQGGV	69	>PLAG1-M36YLIELQGGVP!	158	89
>PLAG1-M36YLMELQGGV	4	>PLAG1-M36YLIELQGGV	5	1
>PLAG1-M36YLMELQGGV	242	>PLAG1-M36YLIELQGGVP!	488	246
>PLAG1-M36YLMELQGGV	2	>PLAG1-M36YLIELQGGV	4	2
>PLAG1-M36YLMELQGGV	462	>PLAG1-M36YLIELQGGVP!	10722	10260
>PLAG1-M36YLMELQGG	100	>PLAG1-M36YLIELQGG	188	88
>PLAG1-M36YLMELQGGV	1	>PLAG1-M36YLIELQGGV	2	1
>PLAG1-M36YLMELQGGV	44	>PLAG1-M36YLIELQGGVP!	72	28
>PLAG1-M36YLMELQGGV	53	>PLAG1-M36YLIELQGGV	100	47
>PLAG1-M36YLMELQGGV	9	>PLAG1-M36YLIELQGGV	16	7
>PLAG1-M36SYLMELQGG\	190	>PLAG1-M36SYLIELQGGV	314	124
>PLAG1-M36SYLMELQGG\	488	>PLAG1-M36SYLIELQGGV	437	51
>PLAG1-M36SYLMELQGG\	185	>PLAG1-M36SYLIELQGGV	151	34
>PLAG1-M36ESYLMELQ	304	>PLAG1-M36ESYLIELQ	151	153

>PLAG1-M36 ESYLMELQGC	72	>PLAG1-M36 ESYLIELQGG\	19	53
>PLAG1-M36 ESYLMELQGC	104	>PLAG1-M36 ESYLIELQGG\	50	54
>PLAG1-M36 IESYLMEL	158	>PLAG1-M36 IESYLIEL	129	29
>PLAG1-M36 IESYLMEL	13	>PLAG1-M36 IESYLIEL	11	2
>PLAG1-M36 IESYLMEL	160	>PLAG1-M36 IESYLIEL	165	5
>PLAG1-M36 IESYLMELQG	337	>PLAG1-M36 IESYLIELQG	406	69
>PLAG1-M36 IESYLMELQG	571	>PLAG1-M36 IESYLIELQG	479	92
>PLAG1-M36 EIESYLMEL	140	>PLAG1-M36 EIESYLIEL	181	41
>PLAG1-M36 GEIESYLM	326	>PLAG1-M36 GEIESYLI	70	256
>PLAG1-M36 GEIESYLM	28	>PLAG1-M36 GEIESYLI	20	8
>PLAG1-M36 GEIESYLMEL	224	>PLAG1-M36 GEIESYLIEL	395	171
>PLAG1-M36 GEIESYLM	69	>PLAG1-M36 GEIESYLI	57	12
>PLAG1-M36 GEIESYLMEL	77	>PLAG1-M36 GEIESYLIEL	127	50
>PLAG1-M36 GEIESYLM	434	>PLAG1-M36 GEIESYLI	502	68
>PLAG1-M36 GEIESYLM	108	>PLAG1-M36 GEIESYLI	168	60
>PLAG1-M36 GEIESYLMEL	133	>PLAG1-M36 GEIESYLIEL	258	125
>PLAG1-M36 GEIESYLMELC	477	>PLAG1-M36 GEIESYLIELQ	349	128
>PLAG1-M36 GEIESYLM	1287	>PLAG1-M36 GEIESYLI	382	905
>PLAG1-M36 GEIESYLM	17	>PLAG1-M36 GEIESYLI	6	11
>PLAG1-M36 GEIESYLMEL	11	>PLAG1-M36 GEIESYLIEL	23	12
>PLAG1-M36 GEIESYLMELC	216	>PLAG1-M36 GEIESYLIELQ	201	15
>PML-E420V·EEAERVKAQ\	11	>PML-E420V·VEAERVKAQ\	14	3
>PML-E420V·EEAERVKA	28	>PML-E420V·VEAERVKA	300	272
>PML-E420V·LPEEAERVKA	606	>PML-E420V·LPVEAERVKA	164	442
>PML-E420V·LPEEAERV	995	>PML-E420V·LPVEAERV	239	756
>PML-E420V·LPEEAERV	2791	>PML-E420V·LPVEAERV	201	2590
>PML-E420V·LPEEAERVKA	178	>PML-E420V·LPVEAERVKA	92	86
>PML-E420V·LPEEAERVKA	3345	>PML-E420V·LPVEAERVKA	407	2938
>PML-E420V·DLPEEAERV	38	>PML-E420V·DLPVEAERV	887	849
>PML-E420V·DLPEEAERV	109	>PML-E420V·DLPVEAERV	1220	1111
>PML-E420V·DLPEEAERV	54	>PML-E420V·DLPVEAERV	703	649
>PML-E420V·DLPEEAERV	16	>PML-E420V·DLPVEAERV	51	35
>PML-E420V·DLPEEAER	534	>PML-E420V·DLPVEAER	431	103
>PML-E420V·DLPEEAER	371	>PML-E420V·DLPVEAER	305	66
>PML-E420V·VDLPEEAERV	36	>PML-E420V·VDLPVEAERV	56	20
>PML-E420V·DVDLPEEAER	811	>PML-E420V·DVDLPVEAEF	410	401
>PML-E420V·DVDLPEEAER	86	>PML-E420V·DVDLPVEAEF	48	38
>PML-E420V·DVDLPEEAER	977	>PML-E420V·DVDLPVEAEF	389	588
>PML-E420V·DVDLPEEAER	161	>PML-E420V·DVDLPVEAEF	56	105
>PML-E420V·PIDVDLPE	24752	>PML-E420V·PIDVDLPV	354	24398
>PML-E420V·DPIDVDLPE	24705	>PML-E420V·DPIDVDLPV	223	24482
>PML-E420V·DPIDVDLPE	19813	>PML-E420V·DPIDVDLPV	487	19326
>PML-E420V·DPIDVDLPE	147	>PML-E420V·DPIDVDLPV	91	56



>PML-E420V·DPIDVDLPEE,	555	>PML-E420V·DPIDVDLPVE,	275	280
>PML-E420V·DPIDVDLPEE,	1208	>PML-E420V·DPIDVDLPVE,	228	980
>PML-P96T-v PLGADTPAL	5186	>PML-P96T-r TLGADTPAL	103	5083
>PML-P96T-v PLGADTPA	3986	>PML-P96T-r TLGADTPA	281	3705
>PML-P96T-v PLGADTPAL	981	>PML-P96T-r TLGADTPAL	38	943
>PML-P96T-v PLGADTPA	4266	>PML-P96T-r TLGADTPA	109	4157
>PML-P96T-v PLGADTPAL	5608	>PML-P96T-r TLGADTPAL	190	5418
>PML-P96T-v PLGADTPAL	9470	>PML-P96T-r TLGADTPAL	331	9139
>PML-P96T-v PLGADTPAL	252	>PML-P96T-r TLGADTPAL	42	210
>PML-P96T-v PLGADTPAL	780	>PML-P96T-r TLGADTPAL	27	753
>PML-P96T-v PLGADTPA	1727	>PML-P96T-r TLGADTPA	265	1462
>PML-P96T-v PLGADTPAL	290	>PML-P96T-r TLGADTPAL	36	254
>PML-P96T-v PLGADTPAL	61	>PML-P96T-r TLGADTPAL	16	45
>PML-P96T-v PLGADTPA	491	>PML-P96T-r TLGADTPA	61	430
>PML-P96T-v PLGADTPAL	38	>PML-P96T-r TLGADTPAL	10	28
>PML-P96T-v WPLGADTPA	81	>PML-P96T-r WTLGADTPA	17865	17784
>PML-P96T-v WPLGADTPA	13829	>PML-P96T-r WTLGADTPA	399	13430
>PML-P96T-v WPLGADTPA	7104	>PML-P96T-r WTLGADTPA	97	7007
>PML-P96T-v WPLGADTPA	3536	>PML-P96T-r WTLGADTPA	94	3442
>PML-P96T-v WPLGADTPA	13293	>PML-P96T-r WTLGADTPA	285	13008
>PML-P96T-v WPLGADTPA	13870	>PML-P96T-r WTLGADTPA	425	13445
>PML-P96T-v WPLGADTPA	17330	>PML-P96T-r WTLGADTPA	440	16890
>PML-P96T-v WPLGADTPA	12253	>PML-P96T-r WTLGADTPA	56	12197
>PML-P96T-v WPLGADTPA	915	>PML-P96T-r WTLGADTPA	42	873
>PML-P96T-v WPLGADTPA	283	>PML-P96T-r WTLGADTPA	16027	15744
>PML-P96T-v WPLGADTPA	19541	>PML-P96T-r WTLGADTPA	21	19520
>PML-P96T-v WPLGADTP	352	>PML-P96T-r WTLGADTP	14796	14444
>PML-P96T-v WPLGADTPA	15	>PML-P96T-r WTLGADTPA	717	702
>PML-P96T-v WPLGADTPA	18	>PML-P96T-r WTLGADTPA	257	239
>PML-P96T-v WPLGADTPA	10	>PML-P96T-r WTLGADTPA	8839	8829
>PML-P96T-v WPLGADTPA	21695	>PML-P96T-r WTLGADTPA	241	21454
>PML-P96T-v WPLGADTPA	132	>PML-P96T-r WTLGADTPA	10580	10448
>PML-P96T-v MQCPICQAP'	3006	>PML-P96T-r MQCPICQAP'	195	2811
>PML-P96T-v PWPLGADTP,	360	>PML-P96T-r PWTLGADTP,	2133	1773
>PML-P96T-v APWPLGADT	59	>PML-P96T-r APWTLGADT	101	42
>PML-P96T-v APWPLGADT	93	>PML-P96T-r APWTLGADT	134	41
>PML-P96T-v APWPLGADT	30	>PML-P96T-r APWTLGADT	28	2
>PML-P96T-v CQAPWPLGA	249	>PML-P96T-r CQAPWTLGA	156	93
>PML-P96T-v CQAPWPLGA	94	>PML-P96T-r CQAPWTLGA	19	75
>PML-P96T-v PICQAPWPL	627	>PML-P96T-r PICQAPWTL	443	184
>PML-P96T-v PICQAPWPL	1483	>PML-P96T-r PICQAPWTL	480	1003
>PML-P96T-v CPICQAPWPI	1239	>PML-P96T-r CPICQAPWTL	315	924
>PML-P96T-v CPICQAPWPI	306	>PML-P96T-r CPICQAPWTL	1400	1094

>PML-P96T-v CPICQAPWPI	386	>PML-P96T-r CPICQAPWTL	451	65
>PML-P96T-v CPICQAPWPI	133	>PML-P96T-r CPICQAPWTL	246	113
>PML-P96T-v CPICQAPWPI	162	>PML-P96T-r CPICQAPWTL	291	129
>PMS1-P676 PKLDELLQSQ	2353	>PMS1-P676 RKLDELLQSQ	88	2265
>PMS1-P676 PKLDELLQSQ	11172	>PMS1-P676 RKLDELLQSQ	410	10762
>PMS1-P676 PKLDELLQSQ	12054	>PMS1-P676 RKLDELLQSQ	342	11712
>PMS1-P676 HKLKTSLSNQ	904	>PMS1-P676 HKLKTSLSNQ	243	661
>PMS1-P676 HKLKTSLSNQ	34550	>PMS1-P676 HKLKTSLSNQ	124	34426
>PMS1-P676 LSNQPKLDEL	127	>PMS1-P676 LSNQRKLDEL	267	140
>PMS1-P676 LSNQPKLDEL	317	>PMS1-P676 LSNQRKLDEL	383	66
>PMS1-P676 LSNQPKLDEL	341	>PMS1-P676 LSNQRKLDEL	527	186
>PMS1-P676 LSNQPKLDEL	269	>PMS1-P676 LSNQRKLDEL	616	347
>PMS1-P676 SLSNQPKL	290	>PMS1-P676 SLSNQRKL	4387	4097
>PMS1-P676 SLSNQPKLDE	228	>PMS1-P676 SLSNQRKLDE	664	436
>PMS1-P676 SLSNQPKL	51	>PMS1-P676 SLSNQRKL	125	74
>PMS1-P676 SLSNQPKLDE	14	>PMS1-P676 SLSNQRKLDE	26	12
>PMS1-P676 SLSNQPKL	126	>PMS1-P676 SLSNQRKL	420	294
>PMS1-P676 SLSNQPKLDE	44	>PMS1-P676 SLSNQRKLDE	144	100
>PMS1-P676 SLSNQPKL	32	>PMS1-P676 SLSNQRKL	284	252
>PMS1-P676 SLSNQPKLDE	26	>PMS1-P676 SLSNQRKLDE	154	128
>PMS1-P676 SLSNQPKL	138	>PMS1-P676 SLSNQRKL	1142	1004
>PMS1-P676 SLSNQPKLDE	55	>PMS1-P676 SLSNQRKLDE	233	178
>PMS1-P676 SLSNQPKL	18	>PMS1-P676 SLSNQRKL	294	276
>PMS1-P676 SLSNQPKLDE	31	>PMS1-P676 SLSNQRKLDE	95	64
>PMS1-P676 SLSNQPKL	209	>PMS1-P676 SLSNQRKL	4338	4129
>PMS1-P676 SLSNQPKL	6	>PMS1-P676 SLSNQRKL	12	6
>PMS1-P676 SLSNQPKLDE	9	>PMS1-P676 SLSNQRKLDE	9	0
>PMS1-P676 TSLSNQPKL	126	>PMS1-P676 TSLSNQRKL	259	133
>PMS1-P676 TSLSNQPK	25	>PMS1-P676 TSLSNQRK	66	41
>PMS1-P676 TSLSNQPK	51	>PMS1-P676 TSLSNQRK	387	336
>PMS1-P676 TSLSNQPK	277	>PMS1-P676 TSLSNQRK	357	80
>PMS1-P676 TSLSNQPKL	95	>PMS1-P676 TSLSNQRKL	186	91
>PMS1-P676 TSLSNQPK	481	>PMS1-P676 TSLSNQRK	401	80
>PMS1-P676 KTSLSNQPK	127	>PMS1-P676 KTSLSNQRK	121	6
>PMS1-P676 KTSLSNQP	21733	>PMS1-P676 KTSLSNQR	178	21555
>PMS1-P676 KTSLSNQPK	16	>PMS1-P676 KTSLSNQRK	34	18
>PMS1-P676 KTSLSNQPK	5	>PMS1-P676 KTSLSNQRK	10	5
>PMS1-P676 KTSLSNQPKL	142	>PMS1-P676 KTSLSNQRKL	631	489
>PMS1-P676 KTSLSNQP	18849	>PMS1-P676 KTSLSNQR	20	18829
>PMS1-P676 KTSLSNQPK	147	>PMS1-P676 KTSLSNQRK	578	431
>PMS1-P676 KTSLSNQP	33255	>PMS1-P676 KTSLSNQR	67	33188
>PMS1-P676 KTSLSNQPKL	6	>PMS1-P676 KTSLSNQRKL	8	2
>PMS1-P676 KTSLSNQPKL	224	>PMS1-P676 KTSLSNQRKL	1481	1257

>PMS1-P676 KTSLSNQPKL	392	>PMS1-P676 KTSLSNQPKL	994	602
>PMS1-P676 KTSLSNQPKL	52	>PMS1-P676 KTSLSNQPKL	56	4
>PMS1-P676 KTSLSNQP	33027	>PMS1-P676 KTSLSNQR	281	32746
>PMS1-P676 LKTSLSNQPK	213	>PMS1-P676 LKTSLSNQPK	1554	1341
>PMS1-P676 LKTSLSNQPK	127	>PMS1-P676 LKTSLSNQPK	166	39
>PMS1-P676 KLKTSLSNQPK	47	>PMS1-P676 KLKTSLSNQPK	50	3
>PMS1-P676 KLKTSLSNQPK	248	>PMS1-P676 KLKTSLSNQPK	681	433
>PMS1-P676 KLKTSLSNQPK	818	>PMS1-P676 KLKTSLSNQPK	80	738
>PMS1-P676 KLKTSLSNQPK	4	>PMS1-P676 KLKTSLSNQPK	5	1
>PMS1-P676 KLKTSLSNQPK	25024	>PMS1-P676 KLKTSLSNQPK	44	24980
>PMS1-P676 KLKTSLSNQPK	49	>PMS1-P676 KLKTSLSNQPK	113	64
>PMS1-P676 KLKTSLSNQPK	30272	>PMS1-P676 KLKTSLSNQPK	158	30114
>PMS1-T142 TVTALRLF	64	>PMS1-T142 NVTALRLF	187	123
>PMS1-T142 TVTALRLF	10	>PMS1-T142 NVTALRLF	25	15
>PMS1-T142 TVTALRLF	20	>PMS1-T142 NVTALRLF	158	138
>PMS1-T142 TVTALRLF	189	>PMS1-T142 NVTALRLF	890	701
>PMS1-T142 TVTALRLF	657	>PMS1-T142 NVTALRLF	358	299
>PMS1-T142 TVTALRLF	8	>PMS1-T142 NVTALRLF	11	3
>PMS1-T142 TVTALRLFKN	91	>PMS1-T142 NVTALRLFKN	137	46
>PMS1-T142 TVTALRLF	131	>PMS1-T142 NVTALRLF	847	716
>PMS1-T142 TTVTALRLF	28	>PMS1-T142 TNVTALRLF	2402	2374
>PMS1-T142 TTVTALRLF	7	>PMS1-T142 TNVTALRLF	1278	1271
>PMS1-T142 TTVTALRLF	118	>PMS1-T142 TNVTALRLF	10501	10383
>PMS1-T142 TTVTALRLF	68	>PMS1-T142 TNVTALRLF	11615	11547
>PMS1-T142 TTVTALRLF	5	>PMS1-T142 TNVTALRLF	2024	2019
>PMS1-T142 TTVTALRLF	27	>PMS1-T142 TNVTALRLF	1873	1846
>PMS1-T142 TTVTALRLF	277	>PMS1-T142 TNVTALRLF	2976	2699
>PMS1-T142 TTVTALRLF	8	>PMS1-T142 TNVTALRLF	1309	1301
>PMS1-T142 TTVTALRLF	108	>PMS1-T142 TNVTALRLF	8935	8827
>PMS1-T142 TTVTALRLF	13	>PMS1-T142 TNVTALRLF	14847	14834
>PMS1-T142 TTVTALRLF	11	>PMS1-T142 TNVTALRLF	17742	17731
>PMS1-T142 TTVTALRLF	371	>PMS1-T142 TNVTALRLF	16605	16234
>PMS1-T142 TTVTALRLF	42	>PMS1-T142 TNVTALRLF	19617	19575
>PMS1-T142 TTVTALRLF	50	>PMS1-T142 TNVTALRLF	6221	6171
>PMS1-T142 TTVTALRLF	30	>PMS1-T142 TNVTALRLF	1922	1892
>PMS1-T142 GTTVTALRLF	146	>PMS1-T142 GTNVTALRLF	62	84
>PMS1-T142 GTTVTALR	248	>PMS1-T142 GTNVTALR	75	173
>PMS1-T142 GTTVTALRLF	13	>PMS1-T142 GTNVTALRLF	10	3
>PMS1-T142 GTTVTALRLF	29	>PMS1-T142 GTNVTALRLF	12	17
>PMS1-T142 GTTVTALR	94	>PMS1-T142 GTNVTALR	25	69
>PMS1-T142 GTTVTALRLF	790	>PMS1-T142 GTNVTALRLF	190	600
>PMS1-T142 GTTVTALR	24	>PMS1-T142 GTNVTALR	41	17
>PMS1-T142 GTTVTALRLF	105	>PMS1-T142 GTNVTALRLF	180	75

>PMS1-T142 GTTVTALRL	8	>PMS1-T142 GTNVTALRL	8	0
>PMS1-T142 GTTVTALRLF	13	>PMS1-T142 GTNVTALRLF	12	1
>PMS1-T142 GTTVTALRL	145	>PMS1-T142 GTNVTALRL	1150	1005
>PMS1-T142 GTTVTALRLF	81	>PMS1-T142 GTNVTALRLF	548	467
>PMS1-T142 GTTVTALRL	36	>PMS1-T142 GTNVTALRL	70	34
>PMS1-T142 GTTVTALRLF	32	>PMS1-T142 GTNVTALRLF	76	44
>PMS1-T142 GTTVTALRLF	253	>PMS1-T142 GTNVTALRLF	297	44
>PMS1-T142 QGTTVTALR	53	>PMS1-T142 QGNTVTALR	45	8
>PMS1-T142 QGTTVTALRL	735	>PMS1-T142 QGNTVTALRI	388	347
>PMS1-T142 QGTTVTALR	231	>PMS1-T142 QGNTVTALR	641	410
>PMS1-T142 GQGTTVTAL	22021	>PMS1-T142 GQGNTVTAL	345	21676
>PMS1-T142 GQGTTVTAL	324	>PMS1-T142 GQGNTVTAL	724	400
>PMS1-T142 GQGTTVTAL	265	>PMS1-T142 GQGNTVTAL	429	164
>PMS1-T142 GQGTTVTAL	56	>PMS1-T142 GQGNTVTAL	106	50
>PMS1-T142 GQGTTVTAL	428	>PMS1-T142 GQGNTVTAL	1129	701
>PMS1-T142 LGQGTTVTAL	421	>PMS1-T142 LGQGNVTAL	481	60
>PMS1-T142 HLGQGTTV	92	>PMS1-T142 HLGQGNV	54	38
>PMS1-T142 HLGQGTTVT/	233	>PMS1-T142 HLGQGNVT.	292	59
>PMS1-T142 HLGQGTTVT/	40	>PMS1-T142 HLGQGNVT.	35	5
>PMS1-T142 HLGQGTTV	24	>PMS1-T142 HLGQGNV	32	8
>PMS1-T142 HLGQGTTVT/	246	>PMS1-T142 HLGQGNVT.	736	490
>PMS1-T142 HLGQGTTVT/	69	>PMS1-T142 HLGQGNVT.	107	38
>PMS1-T142 HLGQGTTV	7	>PMS1-T142 HLGQGNV	16	9
>PMS1-T142 HLGQGTTVT/	136	>PMS1-T142 HLGQGNVT.	244	108
>PMS1-T142 HLGQGTTVT/	55	>PMS1-T142 HLGQGNVT.	60	5
>PMS1-T142 HLGQGTTV	11	>PMS1-T142 HLGQGNV	26	15
>PMS1-T142 HLGQGTTVT/	90	>PMS1-T142 HLGQGNVT.	140	50
>PMS1-T142 HLGQGTTVT/	44	>PMS1-T142 HLGQGNVT.	29	15
>PMS1-T142 HLGQGTTV	8	>PMS1-T142 HLGQGNV	11	3
>PMS1-T142 HLGQGTTVT/	96	>PMS1-T142 HLGQGNVT.	181	85
>PMS1-T142 HLGQGTTVT/	81	>PMS1-T142 HLGQGNVT.	128	47
>PMS1-T142 HLGQGTTV	35	>PMS1-T142 HLGQGNV	51	16
>PMS1-T142 HLGQGTTVT/	249	>PMS1-T142 HLGQGNVT.	247	2
>PMS1-T142 HLGQGTTV	2	>PMS1-T142 HLGQGNV	3	1
>PMS1-T142 HLGQGTTVT	163	>PMS1-T142 HLGQGNVT	709	546
>PMS1-T142 HLGQGTTVT/	7	>PMS1-T142 HLGQGNVT.	13	6
>PMS1-T142 HLGQGTTVT/	6	>PMS1-T142 HLGQGNVT.	7	1
>PMS1-T142 HLGQGTTVT/	368	>PMS1-T142 HLGQGNVT.	544	176
>PMS1-T142 SHLGQTTV	472	>PMS1-T142 SHLGQGNV	4989	4517
>PMS1-T142 KPSHLGQTT	31	>PMS1-T142 KPSHLGQGN	59	28
>PPARG-T4S- TLGDSPIDPE	802	>PPARG-T4S- SLGDSPIDPE	175	627
>PPARG-T4S- ETLGDSP	86	>PPARG-T4S- ESLGDSP	758	672
>PPARG-T4S- ETLGDSPIDPE	187	>PPARG-T4S- ESLGDSPIDPE	1440	1253

>PPARG-T4S- ETLGDSPI	29	>PPARG-T4S- ESLGDSPI	247	218
>PPARG-T4S- ETLGDSPI	10	>PPARG-T4S- ESLGDSPI	95	85
>PPARG-T4S- ETLGDSPI	255	>PPARG-T4S- ESLGDSPI	451	196
>PPARG-T4S- ETLGDSPI	211	>PPARG-T4S- ESLGDSPI	315	104
>PPARG-T4S- GETLGDSPI	155	>PPARG-T4S- GESLGDSPI	202	47
>PPARG-T4S- GETLGDSPI	33	>PPARG-T4S- GESLGDSPI	30	3
>PPARG-T4S- GETLGDSPI	64	>PPARG-T4S- GESLGDSPI	78	14
>PPARG-T4S- GETLGDSPI	9	>PPARG-T4S- GESLGDSPI	8	1
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>PPP2R1A-E{EVLLALAEQL	11	>PPP2R1A-E{DVLLALAEQL	48	37
>PPP2R1A-E{DEVLLALA	124	>PPP2R1A-E{DDVLLALA	5176	5052
>PPP2R1A-E{DEVLLALAEQ	68	>PPP2R1A-E{DDVLLALAEQ	3835	3767
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>PPP2R1A-E{DEVLLALAE	23	>PPP2R1A-E{DDVLLALAE	5675	5652
>PPP2R1A-E{DEVLLALAEQ	14	>PPP2R1A-E{DDVLLALAEQ	2844	2830
>PPP2R1A-E{DEVLLALAEQ	216	>PPP2R1A-E{DDVLLALAEQ	16018	15802
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>PPP2R1A-E{DEDEVLLA	163	>PPP2R1A-E{DEDDVLLA	291	128
>PPP2R1A-E{DEDEVLLAL	411	>PPP2R1A-E{DEDDVLLAL	1437	1026
>PPP2R1A-E{DEDEVLLA	405	>PPP2R1A-E{DEDDVLLA	899	494
>PPP2R1A-E{DEDEVLLAL	7	>PPP2R1A-E{DEDDVLLAL	11	4
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>PPP2R1A-E{DEDEVLLALA	352	>PPP2R1A-E{DEDDVLLALA	329	23
>PPP2R1A-E{YDEDEVLL	417	>PPP2R1A-E{YDEDDVLL	1187	770
>PPP2R1A-E{YDEDEVLL	448	>PPP2R1A-E{YDEDDVLL	634	186
>PPP2R1A-E{IYDEDEVL	299	>PPP2R1A-E{IYDEDDVL	325	26
>PPP2R1A-E{IYDEDEVLL	339	>PPP2R1A-E{IYDEDDVLL	463	124
>PPP2R1A-E{IYDEDEVLLAL	164	>PPP2R1A-E{IYDEDDVLLAI	220	56
>PPP2R1A-E{TIYDEDEV	188	>PPP2R1A-E{TIYDEDDV	1515	1327
>PPP2R1A-E{TIYDEDEVLL	268	>PPP2R1A-E{TIYDEDDVLL	200	68
>PPP2R1A-E{TIYDEDEVLLA	483	>PPP2R1A-E{TIYDEDDVLLA	487	4
>PPP2R1A-E{TIYDEDEV	40	>PPP2R1A-E{TIYDEDDV	394	354
>PPP2R1A-E{TIYDEDEVL	268	>PPP2R1A-E{TIYDEDDVL	315	47
>PPP2R1A-E{TIYDEDEVLL	55	>PPP2R1A-E{TIYDEDDVLL	47	8
>PPP2R1A-E{TIYDEDEVLLA	430	>PPP2R1A-E{TIYDEDDVLLA	536	106
>PPP2R1A-E{TIYDEDEV	85	>PPP2R1A-E{TIYDEDDV	291	206
>PPP2R1A-E{TIYDEDEVLLA	116	>PPP2R1A-E{TIYDEDDVLLA	119	3
>PPP2R1A-E{TIYDEDEV	68	>PPP2R1A-E{TIYDEDDV	511	443
>PPP2R1A-E{TIYDEDEVLL	937	>PPP2R1A-E{TIYDEDDVLL	466	471
>PPP2R1A-E{TIYDEDEVLLA	160	>PPP2R1A-E{TIYDEDDVLLA	157	3
>PPP2R1A-E{TIYDEDEV	15	>PPP2R1A-E{TIYDEDDV	119	104

>PPP2R1A-E€TIYDEDEVL	462	>PPP2R1A-E€TIYDEDDVL	887	425
>PPP2R1A-E€TIYDEDEVLL	285	>PPP2R1A-E€TIYDEDDVLL	443	158
>PPP2R1A-E€TIYDEDEVLLA	443	>PPP2R1A-E€TIYDEDDVLLA	499	56
>PPP2R1A-E€TIYDEDEV	235	>PPP2R1A-E€TIYDEDDV	869	634
>PPP2R1A-E€TIYDEDEV	22	>PPP2R1A-E€TIYDEDDV	53	31
>PPP2R1A-E€TIYDEDEVLL	410	>PPP2R1A-E€TIYDEDDVLL	374	36
>PPP2R1A-E€TIYDEDEV	8	>PPP2R1A-E€TIYDEDDV	19	11
>PPP2R1A-E€TIYDEDEVL	124	>PPP2R1A-E€TIYDEDDVL	350	226
>PPP2R1A-E€TIYDEDEVLL	45	>PPP2R1A-E€TIYDEDDVLL	73	28
>PPP2R1A-E€TIYDEDEVLLA	143	>PPP2R1A-E€TIYDEDDVLLA	185	42
>PPP2R1A-E€TIYDEDEV	47	>PPP2R1A-E€TIYDEDDV	468	421
>PPP2R1A-E€TIYDEDEV	228	>PPP2R1A-E€TIYDEDDV	1309	1081
>PPP2R1A-E€TIYDEDEV	420	>PPP2R1A-E€TIYDEDDV	374	46
>PPP2R1A-E€TIYDEDEVL	99	>PPP2R1A-E€TIYDEDDVL	63	36
>PPP2R1A-E€TIYDEDEVLL	152	>PPP2R1A-E€TIYDEDDVLL	155	3
>PPP2R1A-E€DTIYDEDEV	83	>PPP2R1A-E€DTIYDEDDV	195	112
>PPP2R1A-E€DTIYDEDEVL	11	>PPP2R1A-E€DTIYDEDDVL	12	1
>PPP2R1A-E€DTIYDEDEVLI	35	>PPP2R1A-E€DTIYDEDDVLI	37	2
>PPP2R1A-E€DTIYDEDEV	22	>PPP2R1A-E€DTIYDEDDV	166	144
>PPP2R1A-E€DTIYDEDEVLI	107	>PPP2R1A-E€DTIYDEDDVLI	93	14
>PPP2R1A-E€TDTIYDEDEV	45	>PPP2R1A-E€TDTIYDEDDV	57	12
>PPP2R1A-E€TDTIYDEDEVI	99	>PPP2R1A-E€TDTIYDEDDVI	97	2
>PPP2R1A-E€LTDTIYDEDE\	286	>PPP2R1A-E€LTDTIYDEDD\'	419	133
>PPP2R1A-E€LTDTIYDEDE\	257	>PPP2R1A-E€LTDTIYDEDD\'	1957	1700
>PPP2R1A-E€LTDTIYDEDE\	240	>PPP2R1A-E€LTDTIYDEDD\'	1712	1472
>PPP2R1A-E€LTDTIYDEDE\	374	>PPP2R1A-E€LTDTIYDEDD\'	1280	906
>PPP2R1A-E€LTDTIYDEDE\	220	>PPP2R1A-E€LTDTIYDEDD\'	983	763
>PPP2R1A-E€EVLLALAEQ	172	>PPP2R1A-E€GVLLALAEQ	18329	18157
>PPP2R1A-E€EVLLALAEQL	89	>PPP2R1A-E€GVLLALAEQL	10342	10253
>PPP2R1A-E€EVLLALAEQL	11	>PPP2R1A-E€GVLLALAEQL	5098	5087
>PPP2R1A-E€DEVLLALA	124	>PPP2R1A-E€DGVLLALA	37636	37512
>PPP2R1A-E€DEVLLALAEQ	68	>PPP2R1A-E€DGVLLALAEQ	23773	23705
>PPP2R1A-E€DEVLLALA	90	>PPP2R1A-E€DGVLLALA	20185	20095
>PPP2R1A-E€DEVLLALAE	23	>PPP2R1A-E€DGVLLALAE	15492	15469
>PPP2R1A-E€DEVLLALAEQ	14	>PPP2R1A-E€DGVLLALAEQ	12534	12520
>PPP2R1A-E€DEVLLALAEQ	216	>PPP2R1A-E€DGVLLALAEQ	21786	21570
>PPP2R1A-E€FLTDTIYDEDE	1206	>PPP2R1A-E€FLTDTIYDEDC	287	919
>PPP2R1A-E€FLTDTIYDEDE	250	>PPP2R1A-E€FLTDTIYDEDC	180	70
>PPP2R1A-E€DEDEVLLA	163	>PPP2R1A-E€DEDGVLLA	440	277
>PPP2R1A-E€DEDEVLLAL	411	>PPP2R1A-E€DEDGVLLAL	2042	1631
>PPP2R1A-E€DEDEVLLA	405	>PPP2R1A-E€DEDGVLLA	569	164
>PPP2R1A-E€DEDEVLLAL	7	>PPP2R1A-E€DEDGVLLAL	10	3
>PPP2R1A-E€DEDEVLLALA	63	>PPP2R1A-E€DEDGVLLALA	108	45

>PPP2R1A-E€DEDEVLLAL	55	>PPP2R1A-E€DEDGVLLAL	23	32
>PPP2R1A-E€DEDEVLLALA	352	>PPP2R1A-E€DEDGVLLALA	414	62
>PPP2R1A-E€YDEDEVLL	2727	>PPP2R1A-E€YDEDEVLL	140	2587
>PPP2R1A-E€YDEDEVLLAL	642	>PPP2R1A-E€YDEDEVLLAL	291	351
>PPP2R1A-E€YDEDEVLL	417	>PPP2R1A-E€YDEDEVLL	5491	5074
>PPP2R1A-E€YDEDEVLL	448	>PPP2R1A-E€YDEDEVLL	1482	1034
>PPP2R1A-E€IYDEDEVL	299	>PPP2R1A-E€IYDEDEVL	358	59
>PPP2R1A-E€IYDEDEVLL	339	>PPP2R1A-E€IYDEDEVLL	344	5
>PPP2R1A-E€IYDEDEVLLAI	164	>PPP2R1A-E€IYDEDEVLLAI	156	8
>PPP2R1A-E€TIYDEDEV	188	>PPP2R1A-E€TIYDEDEV	488	300
>PPP2R1A-E€TIYDEDEVLL	268	>PPP2R1A-E€TIYDEDEVLL	385	117
>PPP2R1A-E€TIYDEDEVLLA	483	>PPP2R1A-E€TIYDEDEVLLA	539	56
>PPP2R1A-E€TIYDEDEV	40	>PPP2R1A-E€TIYDEDEV	102	62
>PPP2R1A-E€TIYDEDEVL	268	>PPP2R1A-E€TIYDEDEVL	1594	1326
>PPP2R1A-E€TIYDEDEVLL	55	>PPP2R1A-E€TIYDEDEVLL	93	38
>PPP2R1A-E€TIYDEDEVLLA	430	>PPP2R1A-E€TIYDEDEVLLA	944	514
>PPP2R1A-E€TIYDEDEV	85	>PPP2R1A-E€TIYDEDEV	57	28
>PPP2R1A-E€TIYDEDEVLL	595	>PPP2R1A-E€TIYDEDEVLL	402	193
>PPP2R1A-E€TIYDEDEVLLA	116	>PPP2R1A-E€TIYDEDEVLLA	76	40
>PPP2R1A-E€TIYDEDEV	68	>PPP2R1A-E€TIYDEDEV	88	20
>PPP2R1A-E€TIYDEDEVLL	937	>PPP2R1A-E€TIYDEDEVLL	328	609
>PPP2R1A-E€TIYDEDEVLLA	160	>PPP2R1A-E€TIYDEDEVLLA	231	71
>PPP2R1A-E€TIYDEDEV	15	>PPP2R1A-E€TIYDEDEV	19	4
>PPP2R1A-E€TIYDEDEVL	462	>PPP2R1A-E€TIYDEDEVL	1286	824
>PPP2R1A-E€TIYDEDEVLL	285	>PPP2R1A-E€TIYDEDEVLL	270	15
>PPP2R1A-E€TIYDEDEVLLA	443	>PPP2R1A-E€TIYDEDEVLLA	442	1
>PPP2R1A-E€TIYDEDEV	235	>PPP2R1A-E€TIYDEDEV	180	55
>PPP2R1A-E€TIYDEDEV	22	>PPP2R1A-E€TIYDEDEV	27	5
>PPP2R1A-E€TIYDEDEVLL	410	>PPP2R1A-E€TIYDEDEVLL	526	116
>PPP2R1A-E€TIYDEDEV	8	>PPP2R1A-E€TIYDEDEV	10	2
>PPP2R1A-E€TIYDEDEVL	124	>PPP2R1A-E€TIYDEDEVL	696	572
>PPP2R1A-E€TIYDEDEVLL	45	>PPP2R1A-E€TIYDEDEVLL	77	32
>PPP2R1A-E€TIYDEDEVLLA	143	>PPP2R1A-E€TIYDEDEVLLA	172	29
>PPP2R1A-E€TIYDEDEV	47	>PPP2R1A-E€TIYDEDEV	65	18
>PPP2R1A-E€TIYDEDEV	228	>PPP2R1A-E€TIYDEDEV	123	105
>PPP2R1A-E€TIYDEDEV	420	>PPP2R1A-E€TIYDEDEV	1009	589
>PPP2R1A-E€TIYDEDEVL	99	>PPP2R1A-E€TIYDEDEVL	628	529
>PPP2R1A-E€TIYDEDEVLL	152	>PPP2R1A-E€TIYDEDEVLL	741	589
>PPP2R1A-E€DTIYDEDEV	83	>PPP2R1A-E€DTIYDEDEV	58	25
>PPP2R1A-E€DTIYDEDEVL	11	>PPP2R1A-E€DTIYDEDEVL	11	0
>PPP2R1A-E€DTIYDEDEVLI	35	>PPP2R1A-E€DTIYDEDEVLI	38	3
>PPP2R1A-E€DTIYDEDEV	22	>PPP2R1A-E€DTIYDEDEV	22	0
>PPP2R1A-E€DTIYDEDEVLI	107	>PPP2R1A-E€DTIYDEDEVLI	107	0

>PPP2R1A-E€DTIYDEDEV	933	>PPP2R1A-E€DTIYDEDEV	406	527
>PPP2R1A-E€TDTIYDEDEV	45	>PPP2R1A-E€TDTIYDEDEV	54	9
>PPP2R1A-E€TDTIYDEDEV	99	>PPP2R1A-E€TDTIYDEDEV	80	19
>PPP2R1A-E€LTDTIYDEDEV	286	>PPP2R1A-E€LTDTIYDEDEV	333	47
>PPP2R1A-E€LTDTIYDEDEV	257	>PPP2R1A-E€LTDTIYDEDEV	443	186
>PPP2R1A-E€LTDTIYDEDEV	526	>PPP2R1A-E€LTDTIYDEDEV	430	96
>PPP2R1A-E€LTDTIYDEDEV	240	>PPP2R1A-E€LTDTIYDEDEV	232	8
>PPP2R1A-E€LTDTIYDEDEV	374	>PPP2R1A-E€LTDTIYDEDEV	435	61
>PPP2R1A-E€LTDTIYDEDEV	220	>PPP2R1A-E€LTDTIYDEDEV	225	5
>PPP2R1A-E€LTDTIYDEDEV	757	>PPP2R1A-E€LTDTIYDEDEV	433	324
>PPP2R1A-R: RRAAASKL	127	>PPP2R1A-R: RRAAASKL	301	174
>PPP2R1A-R: RRAAASKLGE	31	>PPP2R1A-R: RRAAASKLGE	105	74
>PPP2R1A-R: RRAAASKL	24	>PPP2R1A-R: RRAAASKL	96	72
>PPP2R1A-R: RRAAASKLGE	322	>PPP2R1A-R: RRAAASKLGE	1844	1522
>PPP2R1A-R: RRAAASKLGE	45	>PPP2R1A-R: RRAAASKLGE	191	146
>PPP2R1A-R: RRAAASKL	445	>PPP2R1A-R: RRAAASKL	44	401
>PPP2R1A-R: RRAAASKL	16	>PPP2R1A-R: RRAAASKL	208	192
>PPP2R1A-R: RRAAASKLGE	166	>PPP2R1A-R: RRAAASKLGE	1177	1011
>PPP2R1A-R: RRAAASKLGE	111	>PPP2R1A-R: RRAAASKLGE	3501	3390
>PPP2R1A-R: RRAAASKL	34	>PPP2R1A-R: RRAAASKL	340	306
>PPP2R1A-R: RRAAASKLGE	58	>PPP2R1A-R: RRAAASKLGE	229	171
>PPP2R1A-R: VRAAASK	86	>PPP2R1A-R: VRAAASK	16	70
>PPP2R1A-R: VRAAASKL	196	>PPP2R1A-R: VRAAASKL	6739	6543
>PPP2R1A-R: VRAAASK	328	>PPP2R1A-R: VRAAASK	19077	18749
>PPP2R1A-R: VRAAASKL	470	>PPP2R1A-R: VRAAASKL	22876	22406
>PPP2R1A-R: VRAAASKL	74	>PPP2R1A-R: VRAAASKL	25979	25905
>PPP2R1A-R: NLCSDDTPM'	362	>PPP2R1A-R: NLCSDDTPM'	32678	32316
>PPP2R1A-R: NLCSDDTPM'	207	>PPP2R1A-R: NLCSDDTPM'	31081	30874
>PPP2R1A-R: NLCSDDTPM'	349	>PPP2R1A-R: NLCSDDTPM'	32246	31897
>PPP2R1A-R: MVRRAAASK	10530	>PPP2R1A-R: MVRRAAASK	214	10316
>PPP2R1A-R: MVRRAAASK	17210	>PPP2R1A-R: MVRRAAASK	411	16799
>PPP2R1A-R: MVRRAAASK	740	>PPP2R1A-R: MVRRAAASK	46	694
>PPP2R1A-R: MVRRAAASK	53	>PPP2R1A-R: MVRRAAASK	54	1
>PPP2R1A-R: MVRRAAASK	389	>PPP2R1A-R: MVRRAAASK	33	356
>PPP2R1A-R: MVRRAAAS	11	>PPP2R1A-R: MVRRAAAS	3191	3180
>PPP2R1A-R: MVRRAAASK	3	>PPP2R1A-R: MVRRAAASK	9	6
>PPP2R1A-R: MVRRAAASK	7	>PPP2R1A-R: MVRRAAASK	1400	1393
>PPP2R1A-R: MVRRAAASK	8	>PPP2R1A-R: MVRRAAASK	2019	2011
>PPP2R1A-R: MVRRAAASK	333	>PPP2R1A-R: MVRRAAASK	113	220
>PPP2R1A-R: MVRRAAASK	35	>PPP2R1A-R: MVRRAAASK	20	15
>PPP2R1A-R: MVRRAAASK	2387	>PPP2R1A-R: MVRRAAASK	244	2143
>PPP2R1A-R: MVRRAAASK	5405	>PPP2R1A-R: MVRRAAASK	46	5359
>PPP2R1A-R: MVRRAAASK	33	>PPP2R1A-R: MVRRAAASK	50	17



>PPP2R1A-R: PMVRRAAAS	2042	>PPP2R1A-R: PMVWRAAA!	347	1695
>PPP2R1A-R: PMVRRAAA	1208	>PPP2R1A-R: PMVWRAAA	279	929
>PPP2R1A-R: PMVRRAAAS	241	>PPP2R1A-R: PMVWRAAA!	78	163
>PPP2R1A-R: PMVRRAAAS	742	>PPP2R1A-R: PMVWRAAA!	321	421
>PPP2R1A-R: TPMVRRAA	45	>PPP2R1A-R: TPMVWRAA	143	98
>PPP2R1A-R: TPMVRRAAA	33	>PPP2R1A-R: TPMVWRAA/	73	40
>PPP2R1A-R: TPMVRRAAA	423	>PPP2R1A-R: TPMVWRAA/	513	90
>PPP2R1A-R: TPMVRRAA	164	>PPP2R1A-R: TPMVWRAA	2380	2216
>PPP2R1A-R: TPMVRRAAA	31	>PPP2R1A-R: TPMVWRAA/	756	725
>PPP2R1A-R: TPMVRRAAA	2836	>PPP2R1A-R: TPMVWRAA/	439	2397
>PPP2R1A-R: TPMVRRAA	44	>PPP2R1A-R: TPMVWRAA	18	26
>PPP2R1A-R: TPMVRRAAA	34	>PPP2R1A-R: TPMVWRAA/	13	21
>PPP2R1A-R: TPMVRRAAA	261	>PPP2R1A-R: TPMVWRAA/	120	141
>PPP2R1A-R: DTPMVRRRA	521	>PPP2R1A-R: DTPMVWRA	68	453
>PPP2R1A-R: DTPMVRRAA	330	>PPP2R1A-R: DTPMVWRA/	333	3
>PPP2R1A-R: DTPMVRRAA	242	>PPP2R1A-R: DTPMVWRA/	403	161
>PPP2R1A-R: CSDDTPMVR	1691	>PPP2R1A-R: CSDDTPMVV	143	1548
>PPP2R1A-R: CSDDTPMVR	762	>PPP2R1A-R: CSDDTPMVV	95	667
>PPP2R1A-R: CSDDTPMVR	638	>PPP2R1A-R: CSDDTPMVV	143	495
>PPP2R1A-R: CSDDTPMVR	23272	>PPP2R1A-R: CSDDTPMVV	28	23244
>PPP2R1A-R: CSDDTPMVR	24737	>PPP2R1A-R: CSDDTPMVV	189	24548
>PPP2R1A-R: CSDDTPMVR	17330	>PPP2R1A-R: CSDDTPMVV	10	17320
>PPP2R1A-R: CSDDTPMVR	33599	>PPP2R1A-R: CSDDTPMVV	432	33167
>PPP2R1A-R: LCSDDTPMVI	22510	>PPP2R1A-R: LCSDDTPMV\	152	22358
>PPP2R1A-R: LCSDDTPMVI	31644	>PPP2R1A-R: LCSDDTPMV\	264	31380
>PPP2R1A-R: LCSDDTPMVI	691	>PPP2R1A-R: LCSDDTPMV\	378	313
>PPP2R1A-R: RAAASKLGEF	175	>PPP2R1A-R: GAAASKLGEF	791	616
>PPP2R1A-R: RAAASKLGEF	104	>PPP2R1A-R: GAAASKLGEF	1597	1493
>PPP2R1A-R: RAAASKLGEF	5	>PPP2R1A-R: GAAASKLGEF	47	42
>PPP2R1A-R: RAAASKLGEF	36	>PPP2R1A-R: GAAASKLGEF	1596	1560
>PPP2R1A-R: RAAASKLGEF	206	>PPP2R1A-R: GAAASKLGEF	1323	1117
>PPP2R1A-R: RRAAASKLGE	6361	>PPP2R1A-R: RGAAASKLGE	366	5995
>PPP2R1A-R: RRAAASKL	127	>PPP2R1A-R: RGAAASKL	4926	4799
>PPP2R1A-R: RRAAASKLGE	31	>PPP2R1A-R: RGAAASKLGE	898	867
>PPP2R1A-R: RRAAASKL	15796	>PPP2R1A-R: RGAAASKL	274	15522
>PPP2R1A-R: RRAAASKLGE	11282	>PPP2R1A-R: RGAAASKLGE	102	11180
>PPP2R1A-R: RRAAASKL	24	>PPP2R1A-R: RGAAASKL	15640	15616
>PPP2R1A-R: RRAAASKLGE	322	>PPP2R1A-R: RGAAASKLGE	27899	27577
>PPP2R1A-R: RRAAASKLGE	45	>PPP2R1A-R: RGAAASKLGE	17259	17214
>PPP2R1A-R: RRAAASKL	445	>PPP2R1A-R: RGAAASKL	10912	10467
>PPP2R1A-R: RRAAASKL	16	>PPP2R1A-R: RGAAASKL	5880	5864
>PPP2R1A-R: RRAAASKLGE	166	>PPP2R1A-R: RGAAASKLGE	23217	23051
>PPP2R1A-R: RRAAASKLGE	111	>PPP2R1A-R: RGAAASKLGE	14893	14782

>PPP2R1A-R: RRAAASKL	34	>PPP2R1A-R: RGAAASKL	2548	2514
>PPP2R1A-R: RRAAASKLGE	58	>PPP2R1A-R: RGAAASKLGE	19846	19788
>PPP2R1A-R: VRRAAASK	86	>PPP2R1A-R: VRGAAASK	12179	12093
>PPP2R1A-R: VRRAAASKL	196	>PPP2R1A-R: VRGAAASKL	1618	1422
>PPP2R1A-R: VRRAAASK	328	>PPP2R1A-R: VRGAAASK	564	236
>PPP2R1A-R: VRRAAASKL	470	>PPP2R1A-R: VRGAAASKL	4152	3682
>PPP2R1A-R: VRRAAASKL	74	>PPP2R1A-R: VRGAAASKL	516	442
>PPP2R1A-R: MVRRAAASK	740	>PPP2R1A-R: MVRGAAASK	151	589
>PPP2R1A-R: MVRRAAASK	53	>PPP2R1A-R: MVRGAAASK	65	12
>PPP2R1A-R: MVRRAAASK	389	>PPP2R1A-R: MVRGAAASK	521	132
>PPP2R1A-R: MVRRAAAS	11	>PPP2R1A-R: MVRGAAAS	27	16
>PPP2R1A-R: MVRRAAASK	3	>PPP2R1A-R: MVRGAAASK	3	0
>PPP2R1A-R: MVRRAAASK	7	>PPP2R1A-R: MVRGAAASK	13	6
>PPP2R1A-R: MVRRAAASK	8	>PPP2R1A-R: MVRGAAASK	15	7
>PPP2R1A-R: MVRRAAASK	333	>PPP2R1A-R: MVRGAAASK	1112	779
>PPP2R1A-R: MVRRAAASK	35	>PPP2R1A-R: MVRGAAASK	29	6
>PPP2R1A-R: MVRRAAASK	33	>PPP2R1A-R: MVRGAAASK	13	20
>PPP2R1A-R: PMVRRAAAS	241	>PPP2R1A-R: PMVRGAAAS	129	112
>PPP2R1A-R: TPMVRRAA	45	>PPP2R1A-R: TPMVRGAA	65	20
>PPP2R1A-R: TPMVRRAAA	33	>PPP2R1A-R: TPMVRGAAA	34	1
>PPP2R1A-R: TPMVRRAAA	423	>PPP2R1A-R: TPMVRGAAA	316	107
>PPP2R1A-R: TPMVRRAA	164	>PPP2R1A-R: TPMVRGAA	605	441
>PPP2R1A-R: TPMVRRAAA	31	>PPP2R1A-R: TPMVRGAAA	119	88
>PPP2R1A-R: TPMVRRAA	44	>PPP2R1A-R: TPMVRGAA	30	14
>PPP2R1A-R: TPMVRRAAA	34	>PPP2R1A-R: TPMVRGAAA	19	15
>PPP2R1A-R: TPMVRRAAA	261	>PPP2R1A-R: TPMVRGAAA	177	84
>PPP2R1A-R: DTPMVRRRA	521	>PPP2R1A-R: DTPMVRGA	206	315
>PPP2R1A-R: DTPMVRRRA	330	>PPP2R1A-R: DTPMVRGAA	49	281
>PPP2R1A-R: DTPMVRRRA	242	>PPP2R1A-R: DTPMVRGAA	320	78
>PPP2R1A-R: RAAASKLGEF	3917	>PPP2R1A-R: QAAASKLGEF	173	3744
>PPP2R1A-R: RAAASKLGEF	175	>PPP2R1A-R: QAAASKLGEF	915	740
>PPP2R1A-R: RAAASKLGEF	104	>PPP2R1A-R: QAAASKLGEF	519	415
>PPP2R1A-R: RAAASKLGEF	5	>PPP2R1A-R: QAAASKLGEF	39	34
>PPP2R1A-R: RAAASKLGEF	36	>PPP2R1A-R: QAAASKLGEF	822	786
>PPP2R1A-R: RAAASKLGEF	206	>PPP2R1A-R: QAAASKLGEF	1068	862
>PPP2R1A-R: RRAAASKL	14603	>PPP2R1A-R: RQAAASKL	312	14291
>PPP2R1A-R: RRAAASKL	18328	>PPP2R1A-R: RQAAASKL	490	17838
>PPP2R1A-R: RRAAASKL	19907	>PPP2R1A-R: RQAAASKL	92	19815
>PPP2R1A-R: RRAAASKLGE	21910	>PPP2R1A-R: RQAAASKLGE	210	21700
>PPP2R1A-R: RRAAASKL	19450	>PPP2R1A-R: RQAAASKL	191	19259
>PPP2R1A-R: RRAAASKLGE	6361	>PPP2R1A-R: RQAAASKLGE	38	6323
>PPP2R1A-R: RRAAASKL	127	>PPP2R1A-R: RQAAASKL	20	107
>PPP2R1A-R: RRAAASKLGE	31	>PPP2R1A-R: RQAAASKLGE	6	25

>PPP2R1A-R: RRAAASKL	24	>PPP2R1A-R: RQAAASKL	319	295
>PPP2R1A-R: RRAAASKLGE	322	>PPP2R1A-R: RQAAASKLGE	12910	12588
>PPP2R1A-R: RRAAASKLGE	45	>PPP2R1A-R: RQAAASKLGE	903	858
>PPP2R1A-R: RRAAASKL	445	>PPP2R1A-R: RQAAASKL	351	94
>PPP2R1A-R: RRAAASKL	14749	>PPP2R1A-R: RQAAASKL	459	14290
>PPP2R1A-R: RRAAASKL	1417	>PPP2R1A-R: RQAAASKL	75	1342
>PPP2R1A-R: RRAAASKL	16	>PPP2R1A-R: RQAAASKL	153	137
>PPP2R1A-R: RRAAASKLGE	166	>PPP2R1A-R: RQAAASKLGE	5465	5299
>PPP2R1A-R: RRAAASKLGE	111	>PPP2R1A-R: RQAAASKLGE	1862	1751
>PPP2R1A-R: RRAAASKL	34	>PPP2R1A-R: RQAAASKL	200	166
>PPP2R1A-R: RRAAASKLGE	58	>PPP2R1A-R: RQAAASKLGE	2286	2228
>PPP2R1A-R: VRRAAASK	86	>PPP2R1A-R: VRQAAASK	9113	9027
>PPP2R1A-R: VRRAAASKL	196	>PPP2R1A-R: VRQAAASKL	732	536
>PPP2R1A-R: VRRAAASK	328	>PPP2R1A-R: VRQAAASK	118	210
>PPP2R1A-R: VRRAAASKL	545	>PPP2R1A-R: VRQAAASKL	141	404
>PPP2R1A-R: VRRAAASKL	470	>PPP2R1A-R: VRQAAASKL	348	122
>PPP2R1A-R: VRRAAASKL	74	>PPP2R1A-R: VRQAAASKL	26	48
>PPP2R1A-R: MVRRAAASK	53	>PPP2R1A-R: MVRQAAASK	92	39
>PPP2R1A-R: MVRRAAASK	389	>PPP2R1A-R: MVRQAAASK	882	493
>PPP2R1A-R: MVRRAAAS	11	>PPP2R1A-R: MVRQAAAS	41	30
>PPP2R1A-R: MVRRAAASK	3	>PPP2R1A-R: MVRQAAASK	3	0
>PPP2R1A-R: MVRRAAASK	7	>PPP2R1A-R: MVRQAAASK	21	14
>PPP2R1A-R: MVRRAAASK	8	>PPP2R1A-R: MVRQAAASK	25	17
>PPP2R1A-R: MVRRAAASK	333	>PPP2R1A-R: MVRQAAASK	2051	1718
>PPP2R1A-R: MVRRAAASK	35	>PPP2R1A-R: MVRQAAASK	30	5
>PPP2R1A-R: MVRRAAASK	33	>PPP2R1A-R: MVRQAAASK	11	22
>PPP2R1A-R: PMVRRAAAS	241	>PPP2R1A-R: PMVRQAAAS	210	31
>PPP2R1A-R: TPMVRRAA	45	>PPP2R1A-R: TPMVRQAA	170	125
>PPP2R1A-R: TPMVRRAAA	33	>PPP2R1A-R: TPMVRQAAA	253	220
>PPP2R1A-R: TPMVRRAAA	423	>PPP2R1A-R: TPMVRQAAA	1262	839
>PPP2R1A-R: TPMVRRAA	164	>PPP2R1A-R: TPMVRQAA	219	55
>PPP2R1A-R: TPMVRRAAA	31	>PPP2R1A-R: TPMVRQAAA	70	39
>PPP2R1A-R: TPMVRRAA	44	>PPP2R1A-R: TPMVRQAA	53	9
>PPP2R1A-R: TPMVRRAAA	34	>PPP2R1A-R: TPMVRQAAA	32	2
>PPP2R1A-R: TPMVRRAAA	261	>PPP2R1A-R: TPMVRQAAA	120	141
>PPP2R1A-R: DTPMVRRAA	330	>PPP2R1A-R: DTPMVRQAA	98	232
>PPP2R1A-R: DTPMVRRAA	242	>PPP2R1A-R: DTPMVRQAA	390	148
>PPP2R1A-R: RAAASKLGEF	3917	>PPP2R1A-R: WAAASKLGEF	114	3803
>PPP2R1A-R: RAAASKLGEF	175	>PPP2R1A-R: WAAASKLGEF	275	100
>PPP2R1A-R: RAAASKLGEF	104	>PPP2R1A-R: WAAASKLGEF	228	124
>PPP2R1A-R: RAAASKLGEF	5	>PPP2R1A-R: WAAASKLGEF	18	13
>PPP2R1A-R: RAAASKLGEF	36	>PPP2R1A-R: WAAASKLGEF	489	453
>PPP2R1A-R: RAAASKLGEF	206	>PPP2R1A-R: WAAASKLGEF	141	65

>PPP2R1A-R: RRAAASKLGE	9627	>PPP2R1A-R: RWAAASKLG	141	9486
>PPP2R1A-R: RRAAASKLGE	8729	>PPP2R1A-R: RWAAASKLG	163	8566
>PPP2R1A-R: RRAAASKL	18175	>PPP2R1A-R: RWAAASKL	49	18126
>PPP2R1A-R: RRAAASKLGE	5801	>PPP2R1A-R: RWAAASKLG	6	5795
>PPP2R1A-R: RRAAASKL	127	>PPP2R1A-R: RWAAASKL	5193	5066
>PPP2R1A-R: RRAAASKLGE	31	>PPP2R1A-R: RWAAASKLG	1064	1033
>PPP2R1A-R: RRAAASKL	24	>PPP2R1A-R: RWAAASKL	6174	6150
>PPP2R1A-R: RRAAASKLGE	322	>PPP2R1A-R: RWAAASKLG	13620	13298
>PPP2R1A-R: RRAAASKLGE	45	>PPP2R1A-R: RWAAASKLG	8890	8845
>PPP2R1A-R: RRAAASKL	445	>PPP2R1A-R: RWAAASKL	11024	10579
>PPP2R1A-R: RRAAASKL	16	>PPP2R1A-R: RWAAASKL	2604	2588
>PPP2R1A-R: RRAAASKLGE	166	>PPP2R1A-R: RWAAASKLG	6743	6577
>PPP2R1A-R: RRAAASKLGE	111	>PPP2R1A-R: RWAAASKLG	7755	7644
>PPP2R1A-R: RRAAASKL	34	>PPP2R1A-R: RWAAASKL	1543	1509
>PPP2R1A-R: RRAAASKLGE	58	>PPP2R1A-R: RWAAASKLG	14670	14612
>PPP2R1A-R: RRAAASKL	29704	>PPP2R1A-R: RWAAASKL	232	29472
>PPP2R1A-R: RRAAASKLGE	34393	>PPP2R1A-R: RWAAASKLG	241	34152
>PPP2R1A-R: LCSDDTPMVI	31448	>PPP2R1A-R: LCSDDTPMVI	177	31271
>PPP2R1A-R: VRRAAASK	86	>PPP2R1A-R: VRWAAASK	9461	9375
>PPP2R1A-R: VRRAAASKL	196	>PPP2R1A-R: VRWAAASKL	143	53
>PPP2R1A-R: VRRAAASK	328	>PPP2R1A-R: VRWAAASK	39	289
>PPP2R1A-R: VRRAAASKL	545	>PPP2R1A-R: VRWAAASKL	55	490
>PPP2R1A-R: VRRAAASKLC	4105	>PPP2R1A-R: VRWAAASKL	390	3715
>PPP2R1A-R: VRRAAASK	3042	>PPP2R1A-R: VRWAAASK	483	2559
>PPP2R1A-R: VRRAAASKL	470	>PPP2R1A-R: VRWAAASKL	247	223
>PPP2R1A-R: VRRAAASKL	74	>PPP2R1A-R: VRWAAASKL	19	55
>PPP2R1A-R: MVRRAAASK	740	>PPP2R1A-R: MVRWAAASI	168	572
>PPP2R1A-R: MVRRAAASK	53	>PPP2R1A-R: MVRWAAASI	49	4
>PPP2R1A-R: MVRRAAASK	389	>PPP2R1A-R: MVRWAAASI	168	221
>PPP2R1A-R: MVRRAAAS	11	>PPP2R1A-R: MVRWAAAS	43	32
>PPP2R1A-R: MVRRAAASK	3	>PPP2R1A-R: MVRWAAASI	3	0
>PPP2R1A-R: MVRRAAASK	7	>PPP2R1A-R: MVRWAAASI	18	11
>PPP2R1A-R: MVRRAAASK	8	>PPP2R1A-R: MVRWAAASI	22	14
>PPP2R1A-R: MVRRAAASK	333	>PPP2R1A-R: MVRWAAASI	326	7
>PPP2R1A-R: MVRRAAASK	35	>PPP2R1A-R: MVRWAAASI	10	25
>PPP2R1A-R: MVRRAAASK	33	>PPP2R1A-R: MVRWAAASI	16	17
>PPP2R1A-R: PMVRRAAA	4428	>PPP2R1A-R: PMVRWAAA	254	4174
>PPP2R1A-R: PMVRRAAAS	2042	>PPP2R1A-R: PMVRWAAA	206	1836
>PPP2R1A-R: PMVRRAAA	1208	>PPP2R1A-R: PMVRWAAA	339	869
>PPP2R1A-R: PMVRRAAAS	241	>PPP2R1A-R: PMVRWAAA	64	177
>PPP2R1A-R: PMVRRAAAS	742	>PPP2R1A-R: PMVRWAAA	402	340
>PPP2R1A-R: TPMVRRAA	45	>PPP2R1A-R: TPMVRWAA	200	155
>PPP2R1A-R: TPMVRRAAA	33	>PPP2R1A-R: TPMVRWAA	70	37

>PPP2R1A-R:TPMVRRAAA	423	>PPP2R1A-R:TPMVRWAA/	900	477
>PPP2R1A-R:TPMVRRAA	164	>PPP2R1A-R:TPMVRWAA	182	18
>PPP2R1A-R:TPMVRRAAA	31	>PPP2R1A-R:TPMVRWAA/	80	49
>PPP2R1A-R:TPMVRRAA	44	>PPP2R1A-R:TPMVRWAA	28	16
>PPP2R1A-R:TPMVRRAAA	34	>PPP2R1A-R:TPMVRWAA/	21	13
>PPP2R1A-R:TPMVRRAAA	261	>PPP2R1A-R:TPMVRWAA/	314	53
>PPP2R1A-R:DTPMVRRA	521	>PPP2R1A-R:DTPMVRWA	340	181
>PPP2R1A-R:DTPMVRRAA	330	>PPP2R1A-R:DTPMVRWA/	16	314
>PPP2R1A-R:DTPMVRRAA	242	>PPP2R1A-R:DTPMVRWA/	362	120
>PPP2R1A-R:DTPMVRRAA	2202	>PPP2R1A-R:DTPMVRWA/	480	1722
>PPP2R1A-R:CSDDTPMVR	16954	>PPP2R1A-R:CSDDTPMVR	15	16939
>PPP2R1A-R:CSDDTPMVR	24822	>PPP2R1A-R:CSDDTPMVR	288	24534
>PPP2R1A-R:CSDDTPMVR	20412	>PPP2R1A-R:CSDDTPMVR	22	20390
>PPP2R1A-R:RYMVADKFTI	86	>PPP2R1A-R:CYMVADKFTI	62	24
>PPP2R1A-R:RYMVADKF	34	>PPP2R1A-R:CYMVADKF	35	1
>PPP2R1A-R:RYMVADKFTI	75	>PPP2R1A-R:CYMVADKFTI	89	14
>PPP2R1A-R:RYMVADKF	66	>PPP2R1A-R:CYMVADKF	172	106
>PPP2R1A-R:RYMVADKFTI	180	>PPP2R1A-R:CYMVADKFTI	504	324
>PPP2R1A-R:RYMVADKF	4	>PPP2R1A-R:CYMVADKF	4	0
>PPP2R1A-R:RYMVADKFT	293	>PPP2R1A-R:CYMVADKFT	436	143
>PPP2R1A-R:RYMVADKFTI	409	>PPP2R1A-R:CYMVADKFTI	565	156
>PPP2R1A-R:RYMVADKFTI	5	>PPP2R1A-R:CYMVADKFTI	5	0
>PPP2R1A-R:RYMVADKF	284	>PPP2R1A-R:CYMVADKF	12706	12422
>PPP2R1A-R:VRYMVADKF	64	>PPP2R1A-R:VCYMVADKF	1294	1230
>PPP2R1A-R:VRYMVADK	272	>PPP2R1A-R:VCYMVADK	27574	27302
>PPP2R1A-R:VRYMVADKF	282	>PPP2R1A-R:VCYMVADKF	25539	25257
>PPP2R1A-R:VRYMVADKF	412	>PPP2R1A-R:VCYMVADKF	25864	25452
>PPP2R1A-R:VRYMVADKF	1515	>PPP2R1A-R:VCYMVADKF	113	1402
>PPP2R1A-R:VRYMVADKF	359	>PPP2R1A-R:VCYMVADKF	16844	16485
>PPP2R1A-R:QAAEDKSWR	115	>PPP2R1A-R:QAAEDKSWR	36235	36120
>PPP2R1A-R:RVRYMVADK	87	>PPP2R1A-R:RVCYMVADK	180	93
>PPP2R1A-R:RVRYMVADK	565	>PPP2R1A-R:RVCYMVADK	37	528
>PPP2R1A-R:RVRYMVAD	90	>PPP2R1A-R:RVCYMVAD	4837	4747
>PPP2R1A-R:RVRYMVADK	3	>PPP2R1A-R:RVCYMVADK	26	23
>PPP2R1A-R:RVRYMVADK	299	>PPP2R1A-R:RVCYMVADK	10738	10439
>PPP2R1A-R:RVRYMVADK	13	>PPP2R1A-R:RVCYMVADK	2246	2233
>PPP2R1A-R:RVRYMVADK	98	>PPP2R1A-R:RVCYMVADK	184	86
>PPP2R1A-R:RVRYMVADK	44	>PPP2R1A-R:RVCYMVADK	20	24
>PPP2R1A-R:RVRYMVADK	1793	>PPP2R1A-R:RVCYMVADK	297	1496
>PPP2R1A-R:RVRYMVADK	357	>PPP2R1A-R:RVCYMVADK	744	387
>PPP2R1A-R:RVRYMVADK	225	>PPP2R1A-R:RVCYMVADK	1069	844
>PPP2R1A-R:RVRYMVADK	26	>PPP2R1A-R:RVCYMVADK	90	64
>PPP2R1A-R:RVRYMVADK	144	>PPP2R1A-R:RVCYMVADK	416	272

>PPP2R1A-R; WRVRYMVA	590	>PPP2R1A-R; WRVCYMVA	289	301
>PPP2R1A-R; WRVRYMVAI	59	>PPP2R1A-R; WRVCYMVAI	33	26
>PPP2R1A-R; WRVRYMVAI	67	>PPP2R1A-R; WRVCYMVAI	149	82
>PPP2R1A-R; WRVRYMVAI	108	>PPP2R1A-R; WRVCYMVAI	153	45
>PPP2R1A-R; WRVRYMVAI	235	>PPP2R1A-R; WRVCYMVAI	464	229
>PPP2R1A-R; WRVRYMVAI	347	>PPP2R1A-R; WRVCYMVAI	978	631
>PPP2R1A-R; SWRVRYMV	143	>PPP2R1A-R; SWRVRYMV	748	605
>PPP2R1A-R; SWRVRYMV/	14	>PPP2R1A-R; SWRVRYMV/	49	35
>PPP2R1A-R; SWRVRYMV/	9	>PPP2R1A-R; SWRVRYMV/	16	7
>PPP2R1A-R; SWRVRYMV/	316	>PPP2R1A-R; SWRVRYMV/	9158	8842
>PPP2R1A-R; SWRVRYMV/	1446	>PPP2R1A-R; SWRVRYMV/	465	981
>PPP2R1A-R; SWRVRYMV	117	>PPP2R1A-R; SWRVRYMV	115	2
>PPP2R1A-R; SWRVRYMV/	213	>PPP2R1A-R; SWRVRYMV/	307	94
>PPP2R1A-R; KSWRVRYM	175	>PPP2R1A-R; KSWRVRYM	109	66
>PPP2R1A-R; KSWRVRYMV	531	>PPP2R1A-R; KSWRVRYMV	68	463
>PPP2R1A-R; KSWRVRYMV	2047	>PPP2R1A-R; KSWRVRYMV	393	1654
>PPP2R1A-R; KSWRVRYMV	169	>PPP2R1A-R; KSWRVRYMV	70	99
>PPP2R1A-R; KSWRVRYMV	732	>PPP2R1A-R; KSWRVRYMV	259	473
>PPP2R1A-R; KSWRVRYM	216	>PPP2R1A-R; KSWRVRYM	296	80
>PPP2R1A-R; KSWRVRYMV	325	>PPP2R1A-R; KSWRVRYMV	2603	2278
>PPP2R1A-R; KSWRVRYMV	45	>PPP2R1A-R; KSWRVRYMV	228	183
>PPP2R1A-R; KSWRVRYMV	481	>PPP2R1A-R; KSWRVRYMV	646	165
>PPP2R1A-R; KSWRVRYM	300	>PPP2R1A-R; KSWRVRYM	254	46
>PPP2R1A-R; KSWRVRYMV	71	>PPP2R1A-R; KSWRVRYMV	160	89
>PPP2R1A-R; KSWRVRYM	430	>PPP2R1A-R; KSWRVRYM	395	35
>PPP2R1A-R; KSWRVRYMV	79	>PPP2R1A-R; KSWRVRYMV	105	26
>PPP2R1A-R; KSWRVRYMV	380	>PPP2R1A-R; KSWRVRYMV	401	21
>PPP2R1A-R; KSWRVRYMV	495	>PPP2R1A-R; KSWRVRYMV	1399	904
>PPP2R1A-R; KSWRVRYM	169	>PPP2R1A-R; KSWRVRYM	117	52
>PPP2R1A-R; KSWRVRYM	21	>PPP2R1A-R; KSWRVRYM	14	7
>PPP2R1A-R; KSWRVRYM	46	>PPP2R1A-R; KSWRVRYM	62	16
>PPP2R1A-R; KSWRVRYMV	173	>PPP2R1A-R; KSWRVRYMV	530	357
>PPP2R1A-R; KSWRVRYM	38	>PPP2R1A-R; KSWRVRYM	18	20
>PPP2R1A-R; KSWRVRYMV	484	>PPP2R1A-R; KSWRVRYMV	198	286
>PPP2R1A-R; KSWRVRYM	273	>PPP2R1A-R; KSWRVRYM	331	58
>PPP2R1A-R; KSWRVRYMV	490	>PPP2R1A-R; KSWRVRYMV	298	192
>PPP2R1A-R; AEDKSWRV	418	>PPP2R1A-R; AEDKSWRV	253	165
>PPP2R1A-R; AEDKSWRV	548	>PPP2R1A-R; AEDKSWRV	378	170
>PPP2R1A-R; AEDKSWRV	215	>PPP2R1A-R; AEDKSWRV	205	10
>PPP2R1A-R; AEDKSWRV	252	>PPP2R1A-R; AEDKSWRV	161	91
>PPP2R1A-R; AEDKSWRV	372	>PPP2R1A-R; AEDKSWRV	471	99
>PPP2R1A-R; AEDKSWRV	1323	>PPP2R1A-R; AEDKSWRV	177	1146
>PPP2R1A-R; AEDKSWRV	327	>PPP2R1A-R; AEDKSWRV	119	208

>PPP2R1A-R:AAEDKSWRV	354	>PPP2R1A-R:AAEDKSWRV	803	449
>PPP2R1A-R:AAEDKSWRV	443	>PPP2R1A-R:AAEDKSWRV	986	543
>PPP2R1A-R:AAEDKSWRV	36	>PPP2R1A-R:AAEDKSWRV	436	400
>PPP2R1A-R:RVRLAIEY	313	>PPP2R1A-R:WVRLAIEY	10067	9754
>PPP2R1A-R:RVRLAIEY	356	>PPP2R1A-R:WVRLAIEY	230	126
>PPP2R1A-R:RVRLAIEYM	573	>PPP2R1A-R:WVRLAIEYM	296	277
>PPP2R1A-R:RVRLAIEY	1250	>PPP2R1A-R:WVRLAIEY	270	980
>PPP2R1A-R:RVRLAIE	47	>PPP2R1A-R:WVRLAIE	7877	7830
>PPP2R1A-R:RVRLAIEY	5	>PPP2R1A-R:WVRLAIEY	1134	1129
>PPP2R1A-R:RVRLAIEYM	7	>PPP2R1A-R:WVRLAIEYM	1905	1898
>PPP2R1A-R:RVRLAIEYMF	69	>PPP2R1A-R:WVRLAIEYM	8376	8307
>PPP2R1A-R:RVRLAIEY	437	>PPP2R1A-R:WVRLAIEY	6365	5928
>PPP2R1A-R:RVRLAIEY	143	>PPP2R1A-R:WVRLAIEY	248	105
>PPP2R1A-R:RVRLAIEYM	470	>PPP2R1A-R:WVRLAIEYM	902	432
>PPP2R1A-R:RVRLAIEY	11	>PPP2R1A-R:WVRLAIEY	69	58
>PPP2R1A-R:RVRLAIEYM	77	>PPP2R1A-R:WVRLAIEYM	1073	996
>PPP2R1A-R:RVRLAIEY	1507	>PPP2R1A-R:WVRLAIEY	66	1441
>PPP2R1A-R:RVRLAIEY	318	>PPP2R1A-R:WVRLAIEY	227	91
>PPP2R1A-R:RVRLAIEYM	41	>PPP2R1A-R:WVRLAIEYM	33	8
>PPP2R1A-R:WRVRLAII	15254	>PPP2R1A-R:WWVRLAII	488	14766
>PPP2R1A-R:WRVRLAII	23180	>PPP2R1A-R:WWVRLAII	311	22869
>PPP2R1A-R:WRVRLAIEY	5427	>PPP2R1A-R:WWVRLAIEY	457	4970
>PPP2R1A-R:WRVRLAIEY	3946	>PPP2R1A-R:WWVRLAIEY	283	3663
>PPP2R1A-R:WRVRLAIEY	86	>PPP2R1A-R:WWVRLAIEY	2682	2596
>PPP2R1A-R:WRVRLAIEYI	330	>PPP2R1A-R:WWVRLAIEY	7761	7431
>PPP2R1A-R:WRVRLAII	108	>PPP2R1A-R:WWVRLAII	11295	11187
>PPP2R1A-R:WRVRLAIEY	20	>PPP2R1A-R:WWVRLAIEY	1740	1720
>PPP2R1A-R:WRVRLAIEYI	35	>PPP2R1A-R:WWVRLAIEY	8949	8914
>PPP2R1A-R:WRVRLAII	293	>PPP2R1A-R:WWVRLAII	15495	15202
>PPP2R1A-R:WRVRLAIEY	419	>PPP2R1A-R:WWVRLAIEY	709	290
>PPP2R1A-R:WRVRLAII	146	>PPP2R1A-R:WWVRLAII	16106	15960
>PPP2R1A-R:WRVRLAIEYI	207	>PPP2R1A-R:WWVRLAIEY	16736	16529
>PPP2R1A-R:WRVRLAII	34284	>PPP2R1A-R:WWVRLAII	494	33790
>PPP2R1A-R:WRVRLAIEYI	29564	>PPP2R1A-R:WWVRLAIEY	161	29403
>PPP2R1A-R:IVELAEDAKW	220	>PPP2R1A-R:IVELAEDAKW	31570	31350
>PPP2R1A-R:IVELAEDAKW	24930	>PPP2R1A-R:IVELAEDAKW	345	24585
>PPP2R1A-R:KWRVRLAI	3146	>PPP2R1A-R:KWVRLAI	317	2829
>PPP2R1A-R:KWRVRLAII	2215	>PPP2R1A-R:KWVRLAII	205	2010
>PPP2R1A-R:KWRVRLAII	613	>PPP2R1A-R:KWVRLAII	244	369
>PPP2R1A-R:KWRVRLAIE'	1668	>PPP2R1A-R:KWVRLAIE	104	1564
>PPP2R1A-R:KWRVRLAI	8	>PPP2R1A-R:KWVRLAI	1853	1845
>PPP2R1A-R:KWRVRLAII	8	>PPP2R1A-R:KWVRLAII	2444	2436
>PPP2R1A-R:KWRVRLAIE'	18	>PPP2R1A-R:KWVRLAIE	5141	5123

>PPP2R1A-R<KWRVRLAIIE'	321	>PPP2R1A-R<KWWVRLAIIIE	81	240
>PPP2R1A-R<KWRVRLAIIIE	6379	>PPP2R1A-R<KWWVRLAIIIE	384	5995
>PPP2R1A-R<KWRVRLAIIE'	4354	>PPP2R1A-R<KWWVRLAIIIE	327	4027
>PPP2R1A-R<KWRVRLAI	37	>PPP2R1A-R<KWWVRLAI	20	17
>PPP2R1A-R<KWRVRLAII	123	>PPP2R1A-R<KWWVRLAII	48	75
>PPP2R1A-R<KWRVRLAIIE'	265	>PPP2R1A-R<KWWVRLAIIIE	84	181
>PPP2R1A-R<AKWRVRLAI	779	>PPP2R1A-R<AKWWVRLAI	298	481
>PPP2R1A-R<AKWRVRLAI	15	>PPP2R1A-R<AKWWVRLAI	64	49
>PPP2R1A-R<AKWRVRLAII	37	>PPP2R1A-R<AKWWVRLAI	143	106
>PPP2R1A-R<AKWRVRLAI	367	>PPP2R1A-R<AKWWVRLAI	445	78
>PPP2R1A-R<AKWRVRLAI	208	>PPP2R1A-R<AKWWVRLAI	221	13
>PPP2R1A-R<AKWRVRLAI	1156	>PPP2R1A-R<AKWWVRLAI	452	704
>PPP2R1A-R<DAKWRVRLA	280	>PPP2R1A-R<DAKWWVRLA	2510	2230
>PPP2R1A-R<EDAKWRVR	528	>PPP2R1A-R<EDAKWWVR	285	243
>PPP2R1A-R<EDAKWRVR	2053	>PPP2R1A-R<EDAKWWVR	469	1584
>PPP2R1A-R<AEDAKWRV	2805	>PPP2R1A-R<AEDAKWWV	460	2345
>PPP2R1A-R<AEDAKWRV	465	>PPP2R1A-R<AEDAKWWV	112	353
>PPP2R1A-R<AEDAKWRVR	276	>PPP2R1A-R<AEDAKWWV	207	69
>PPP2R1A-R<AEDAKWRVR	603	>PPP2R1A-R<AEDAKWWV	43	560
>PPP2R1A-R<AEDAKWRVR	1992	>PPP2R1A-R<AEDAKWWV	411	1581
>PPP2R1A-R<AEDAKWRV	91	>PPP2R1A-R<AEDAKWWV	38	53
>PPP2R1A-R<AEDAKWRVR	56	>PPP2R1A-R<AEDAKWWV	37	19
>PPP2R1A-R<AEDAKWRVR	321	>PPP2R1A-R<AEDAKWWV	420	99
>PPP2R1A-R<LAEDAKWRV	449	>PPP2R1A-R<LAEDAKWW\	140	309
>PPP2R1A-R<LAEDAKWRV	448	>PPP2R1A-R<LAEDAKWW\	337	111
>PPP2R1A-R<LAEDAKWRV	9	>PPP2R1A-R<LAEDAKWW\	7	2
>PPP2R1A-R<LAEDAKWRV	365	>PPP2R1A-R<LAEDAKWW\	391	26
>PPP2R1A-R<LAEDAKWR	278	>PPP2R1A-R<LAEDAKWW	32435	32157
>PPP2R1A-R<LAEDAKWR	21358	>PPP2R1A-R<LAEDAKWW	73	21285
>PPP2R1A-R<LAEDAKWR	31834	>PPP2R1A-R<LAEDAKWW	137	31697
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>PPP2R1A-R<LAEDAKWR	30085	>PPP2R1A-R<LAEDAKWW	142	29943
>PPP2R1A-R<LAEDAKWR	31094	>PPP2R1A-R<LAEDAKWW	269	30825
>PPP2R1A-R<ELAEDAKWR'	401	>PPP2R1A-R<ELAEDAKWW	201	200
>PPP2R1A-R<ELAEDAKWR'	211	>PPP2R1A-R<ELAEDAKWW	187	24
>PPP2R1A-R<ELAEDAKWR'	1556	>PPP2R1A-R<ELAEDAKWW	481	1075
>PPP2R1A-R<ELAEDAKWR'	6	>PPP2R1A-R<ELAEDAKWW	5	1
>PPP2R1A-R<ELAEDAKWR'	40	>PPP2R1A-R<ELAEDAKWW	53	13
>PPP2R1A-R<ELAEDAKWR'	10	>PPP2R1A-R<ELAEDAKWW	8	2
>PPP2R1A-R<ELAEDAKWR'	4	>PPP2R1A-R<ELAEDAKWW	4	0
>PPP2R1A-R<ELAEDAKWR'	3	>PPP2R1A-R<ELAEDAKWW	3	0
>PPP2R1A-R<ELAEDAKWR'	1638	>PPP2R1A-R<ELAEDAKWW	314	1324
>PPP2R1A-R<ELAEDAKWR	22	>PPP2R1A-R<ELAEDAKWW	18558	18536



>PPP2R1A-R' ELAEDAKWR'	76	>PPP2R1A-R' ELAEDAKWM	28	48
>PPP2R1A-R' ELAEDAKWR'	289	>PPP2R1A-R' ELAEDAKWM	707	418
>PPP2R1A-R' ELAEDAKWR'	12	>PPP2R1A-R' ELAEDAKWM	10	2
>PPP2R1A-R' ELAEDAKWR'	1699	>PPP2R1A-R' ELAEDAKWM	294	1405
>PPP2R1A-R' VELAEDAKW	26776	>PPP2R1A-R' VELAEDAKW'	309	26467
>PPP2R1A-R' VELAEDAKW	115	>PPP2R1A-R' VELAEDAKW'	510	395
>PPP2R1A-W WRVRYMVAI	59	>PPP2R1A-W CRVRYMVAD	154	95
>PPP2R1A-W WRVRYMVAI	67	>PPP2R1A-W CRVRYMVAD	240	173
>PPP2R1A-W WRVRYMVAI	108	>PPP2R1A-W CRVRYMVAD	455	347
>PPP2R1A-W WRVRYMVAI	235	>PPP2R1A-W CRVRYMVAD	906	671
>PPP2R1A-W WRVRYMVAI	347	>PPP2R1A-W CRVRYMVAD	697	350
>PPP2R1A-W WRVRYMVAI	841	>PPP2R1A-W CRVRYMVAD	207	634
>PPP2R1A-W SWRVRYMV	143	>PPP2R1A-W SCRVRVMV	137	6
>PPP2R1A-W SWRVRYMV/	14	>PPP2R1A-W SCRVRYMVA	12	2
>PPP2R1A-W SWRVRYMV/	9	>PPP2R1A-W SCRVRYMVA	9	0
>PPP2R1A-W SWRVRYMV/	316	>PPP2R1A-W SCRVRYMVA	113	203
>PPP2R1A-W SWRVRYMV	117	>PPP2R1A-W SCRVRVMV	33617	33500
>PPP2R1A-W SWRVRYMV/	213	>PPP2R1A-W SCRVRYMVA	34226	34013
>PPP2R1A-W TLRQAAEDKS	305	>PPP2R1A-W TLRQAAEDKS	25032	24727
>PPP2R1A-W TLRQAAEDKS	207	>PPP2R1A-W TLRQAAEDKS	24341	24134
>PPP2R1A-W KSWRVRYM	175	>PPP2R1A-W KSCRVRYM	2621	2446
>PPP2R1A-W KSWRVRYMV	169	>PPP2R1A-W KSCRVRVMV	2779	2610
>PPP2R1A-W KSWRVRYM	216	>PPP2R1A-W KSCRVRYM	145	71
>PPP2R1A-W KSWRVRYMV	325	>PPP2R1A-W KSCRVRVMV	238	87
>PPP2R1A-W KSWRVRYMV	45	>PPP2R1A-W KSCRVRVMV/	32	13
>PPP2R1A-W KSWRVRYMV	481	>PPP2R1A-W KSCRVRVMV	1331	850
>PPP2R1A-W KSWRVRYM	300	>PPP2R1A-W KSCRVRYM	1755	1455
>PPP2R1A-W KSWRVRYMV	71	>PPP2R1A-W KSCRVRVMV	389	318
>PPP2R1A-W KSWRVRYM	430	>PPP2R1A-W KSCRVRYM	3453	3023
>PPP2R1A-W KSWRVRYMV	79	>PPP2R1A-W KSCRVRVMV	455	376
>PPP2R1A-W KSWRVRYMV	380	>PPP2R1A-W KSCRVRVMV/	2592	2212
>PPP2R1A-W KSWRVRYMV	495	>PPP2R1A-W KSCRVRVMV	1742	1247
>PPP2R1A-W KSWRVRYM	169	>PPP2R1A-W KSCRVRYM	1625	1456
>PPP2R1A-W KSWRVRYM	21	>PPP2R1A-W KSCRVRYM	102	81
>PPP2R1A-W KSWRVRYM	46	>PPP2R1A-W KSCRVRYM	367	321
>PPP2R1A-W KSWRVRYMV	173	>PPP2R1A-W KSCRVRVMV	4213	4040
>PPP2R1A-W KSWRVRYM	38	>PPP2R1A-W KSCRVRYM	124	86
>PPP2R1A-W KSWRVRYMV	484	>PPP2R1A-W KSCRVRVMV	895	411
>PPP2R1A-W KSWRVRYM	273	>PPP2R1A-W KSCRVRYM	854	581
>PPP2R1A-W KSWRVRYMV	490	>PPP2R1A-W KSCRVRVMV	1661	1171
>PPP2R1A-W AEDKSWRV	412	>PPP2R1A-W AEDKSCRV	1259	847
>PPP2R1A-W AEDKSWRVR	418	>PPP2R1A-W AEDKSCRVRV	869	451
>PPP2R1A-W AEDKSWRVR	215	>PPP2R1A-W AEDKSCRVRV	68	147

>PPP2R1A-WAEDKSWRVR	252	>PPP2R1A-WAEDKSCRVR	101	151
>PPP2R1A-WAEDKSWRVR	372	>PPP2R1A-WAEDKSCRVR	785	413
>PPP2R1A-WAEDKSWRV	81	>PPP2R1A-WAEDKSCR	574	493
>PPP2R1A-WAEDKSWRV	311	>PPP2R1A-WAEDKSCR	1382	1071
>PPP2R1A-WAEDKSWRVR	327	>PPP2R1A-WAEDKSCRVR	509	182
>PPP2R1A-WAAEDKSWRV	354	>PPP2R1A-WAAEDKSCR	1483	1129
>PPP2R1A-WAAEDKSWRV	241	>PPP2R1A-WAAEDKSCR	2521	2280
>PPP2R1A-WAAEDKSWRV	193	>PPP2R1A-WAAEDKSCR	1096	903
>PPP2R1A-WAAEDKSWRV	9	>PPP2R1A-WAAEDKSCR	24	15
>PPP2R1A-WAAEDKSWRV	443	>PPP2R1A-WAAEDKSCR	1298	855
>PPP2R1A-WAAEDKSWR	407	>PPP2R1A-WAAEDKSCR	850	443
>PPP2R1A-WAAEDKSWRV	36	>PPP2R1A-WAAEDKSCR	39	3
>PPP2R1A-WQAAEDKSWR	304	>PPP2R1A-WQAAEDKSCR	1193	889
>PPP2R1A-WQAAEDKSWR	55	>PPP2R1A-WQAAEDKSCR	184	129
>PPP2R1A-WQAAEDKSWR	22	>PPP2R1A-WQAAEDKSCR	41	19
>PPP2R1A-WQAAEDKSWR	115	>PPP2R1A-WQAAEDKSCR	108	7
>PPP2R1A-WQAAEDKSWR	283	>PPP2R1A-WQAAEDKSCR	644	361
>PPP2R1A-WQAAEDKSWR	36	>PPP2R1A-WQAAEDKSCR	141	105
>PPP2R1A-WQAAEDKSW	138	>PPP2R1A-WQAAEDKSC	23147	23009
>PPP2R1A-WQAAEDKSW	178	>PPP2R1A-WQAAEDKSC	30635	30457
>PPP2R1A-WQAAEDKSW	157	>PPP2R1A-WQAAEDKSC	24194	24037
>PPP2R1A-WQAAEDKSW	87	>PPP2R1A-WQAAEDKSC	21603	21516
>PPP2R1A-WQAAEDKSW	339	>PPP2R1A-WQAAEDKSC	30201	29862
>PPP2R1A-WRQAAEDKSW	150	>PPP2R1A-WRQAAEDKSC	1031	881
>PPP2R1A-WRQAAEDKSW	238	>PPP2R1A-WRQAAEDKSC	553	315
>PPP2R1A-WRQAAEDKSW	173	>PPP2R1A-WRQAAEDKSC	229	56
>PPP2R1A-WRQAAEDKSW	24	>PPP2R1A-WRQAAEDKSC	69	45
>PPP2R1A-WRQAAEDKSW	139	>PPP2R1A-WRQAAEDKSC	372	233
>PPP2R1A-WRQAAEDKSW	223	>PPP2R1A-WRQAAEDKSC	1541	1318
>PPP2R1A-WRQAAEDKSW	206	>PPP2R1A-WRQAAEDKSC	537	331
>PPP2R1A-WRQAAEDKSW	391	>PPP2R1A-WRQAAEDKSC	818	427
>PPP2R1A-WRQAAEDKSW	276	>PPP2R1A-WRQAAEDKSC	6165	5889
>PPP2R1A-WRQAAEDKSW	1584	>PPP2R1A-WRQAAEDKSC	423	1161
>PPP2R1A-WRQAAEDKSW	124	>PPP2R1A-WRQAAEDKSC	1614	1490
>PPP2R1A-WRQAAEDKSW	1325	>PPP2R1A-WRQAAEDKSC	487	838
>PPP2R1A-WRQAAEDKSW	484	>PPP2R1A-WRQAAEDKSC	319	165
>PPP2R1A-WRQAAEDKSW	263	>PPP2R1A-WRQAAEDKSC	23688	23425
>PPP2R1A-WRQAAEDKSW	84	>PPP2R1A-WRQAAEDKSC	22049	21965
>PPP2R1A-WRQAAEDKSW	161	>PPP2R1A-WRQAAEDKSC	34567	34406
>PPP2R1A-WRQAAEDKSW	144	>PPP2R1A-WRQAAEDKSC	436	292
>PPP2R1A-WLRQAAEDKSV	111	>PPP2R1A-WLRQAAEDKSC	23648	23537
>PRCC-G449IGQQRKHQI	300	>PRCC-G449IDQQRKHQI	383	83
>PRCC-G449IGQQRKHQI	132	>PRCC-G449IDQQRKHQI	1808	1676

>PRCC-G449IGQQRKHKQI'	186	>PRCC-G449IDQQRKHKQI'	1233	1047
>PRCC-G449IGQQRKHKQI'	12749	>PRCC-G449IDQQRKHKQI'	297	12452
>PRCC-G449IGQQRKHKQI	193	>PRCC-G449IDQQRKHKQI	9036	8843
>PRCC-G449IGQQRKHKQI'	445	>PRCC-G449IDQQRKHKQI'	10862	10417
>PRCC-G449ITGQQRKHC	1468	>PRCC-G449ITDQQRKHC	106	1362
>PRCC-G449IKGEQPTGQQ	554	>PRCC-G449IKGEQPTDQQ	355	199
>PRCC-G449IKGEQPTGQQ	389	>PRCC-G449IKGEQPTDQQ	396	7
>PRCC-G449IKKGEQPTGQI	480	>PRCC-G449IKKGEQPTDQI	358	122
>PRDM16-N1NQAGAGSWI	128	>PRDM16-N1DQAGAGSWI	4675	4547
>PRDM16-N1NQAGAGSWI	411	>PRDM16-N1DQAGAGSWI	7541	7130
>PRDM16-N1NQAGAGSWI	229	>PRDM16-N1DQAGAGSWI	6393	6164
>PRDM16-N1NQAGAGSWI	216	>PRDM16-N1DQAGAGSWI	916	700
>PRDM16-N1NQAGAGSWI	214	>PRDM16-N1DQAGAGSWI	772	558
>PRDM16-N1NQAGAGSWI	162	>PRDM16-N1DQAGAGSWI	290	128
>PRDM16-N1NQAGAGSWI	37	>PRDM16-N1DQAGAGSWI	74	37
>PRDM16-N1NQAGAGSWI	109	>PRDM16-N1DQAGAGSWI	883	774
>PRDM16-N1NQAGAGSWI	457	>PRDM16-N1DQAGAGSWI	1910	1453
>PRDM16-N1NQAGAGSWI	31	>PRDM16-N1DQAGAGSWI	73	42
>PRDM16-N1NQAGAGSWI	271	>PRDM16-N1DQAGAGSWI	1090	819
>PRDM16-N1NQAGAGSWI	613	>PRDM16-N1DQAGAGSWI	183	430
>PRDM16-N1NQAGAGSWI	192	>PRDM16-N1DQAGAGSWI	2740	2548
>PRDM16-N1NQAGAGSW	489	>PRDM16-N1DQAGAGSW	2684	2195
>PRDM16-N1NQAGAGSWI	428	>PRDM16-N1DQAGAGSWI	410	18
>PRDM16-N1SEKFCVDANC	86	>PRDM16-N1SEKFCVDADC	89	3
>PRDM16-S1SLAGKSQDDI'	106	>PRDM16-S1NLAGKSQDDI'	716	610
>PRDM16-S1SLAGKSQDDI'	11	>PRDM16-S1NLAGKSQDDI'	17	6
>PRDM16-S1SLAGKSQDDI'	14	>PRDM16-S1NLAGKSQDDI'	27	13
>PRDM16-S1SLAGKSQDDI'	220	>PRDM16-S1NLAGKSQDDI'	475	255
>PRDM16-S1SLAGKSQDDI'	5	>PRDM16-S1NLAGKSQDDI'	26	21
>PRDM16-S1SLAGKSQDDI'	11	>PRDM16-S1NLAGKSQDDI'	19	8
>PRDM16-S1SLAGKSQDDI'	6	>PRDM16-S1NLAGKSQDDI'	16	10
>PRDM16-S1SLAGKSQDDI'	26	>PRDM16-S1NLAGKSQDDI'	13	13
>PRDM16-S1SLAGKSQDDI'	204	>PRDM16-S1NLAGKSQDDI'	2786	2582
>PRDM16-S1SLAGKSQDDI'	2	>PRDM16-S1NLAGKSQDDI'	6	4
>PRDM16-S1SLAGKSQDDI'	716	>PRDM16-S1NLAGKSQDDI'	233	483
>PRDM16-S1EEDDEDL	257	>PRDM16-S1EEDDEDNL	444	187
>PRDM16-S1LEEDDEDL	19	>PRDM16-S1LEEDDEDNL	29	10
>PRF1-R123F RSIRNDWKV	225	>PRF1-R123F HSIRNDWKV	382	157
>PRF1-R123F RSIRNDWK	49	>PRF1-R123F HSIRNDWK	284	235
>PRF1-R123F RSIRNDWK	84	>PRF1-R123F HSIRNDWK	331	247
>PRF1-R123F RSIRNDWKV(	294	>PRF1-R123F HSIRNDWKV(	3187	2893
>PRF1-R123F RSIRNDWK	631	>PRF1-R123F HSIRNDWK	28	603
>PRF1-R123F RSIRNDWKV	2277	>PRF1-R123F HSIRNDWKV	38	2239

>PRF1-R123F RSIRNDWKV	7116	>PRF1-R123F HSIRNDWKV	179	6937
>PRF1-R123F RSIRNDWKV	213	>PRF1-R123F HSIRNDWKV	1772	1559
>PRF1-R123F RSIRNDWKV	9	>PRF1-R123F HSIRNDWKV	41	32
>PRF1-R123F RSIRNDWKV	261	>PRF1-R123F HSIRNDWKV	983	722
>PRF1-R123F RSIRNDWKV	95	>PRF1-R123F HSIRNDWKV	1045	950
>PRF1-R123F RSIRNDWKV	149	>PRF1-R123F HSIRNDWKV	1017	868
>PRF1-R123F ARSIRNDWK	461	>PRF1-R123F AHSIRNDWK	17861	17400
>PRF1-R123F ARSIRNDWK	438	>PRF1-R123F AHSIRNDWK	18839	18401
>PRF1-R123F ARSIRNDW	992	>PRF1-R123F AHSIRNDW	235	757
>PRF1-R123F STEAVARDA	158	>PRF1-R123F STEAVARDA	12477	12319
>PRF1-R123F STEAVARDA	25	>PRF1-R123F STEAVARDA	8591	8566
>PRF1-R123F AARSIRNDW	270	>PRF1-R123F AAHSIRNDW	104	166
>PRF1-R123F AARSIRNDW	497	>PRF1-R123F AAHSIRNDW	534	37
>PRF1-R123F AARSIRNDW	389	>PRF1-R123F AAHSIRNDW	248	141
>PRF1-R123F AARSIRNDW	11	>PRF1-R123F AAHSIRNDW	54	43
>PRF1-R123F AARSIRNDW	152	>PRF1-R123F AAHSIRNDW	1428	1276
>PRF1-R123F AARSIRNDW	1231	>PRF1-R123F AAHSIRNDW	413	818
>PRF1-R123F AARSIRNDW	5867	>PRF1-R123F AAHSIRNDW	375	5492
>PRF1-R123F AARSIRNDW	127	>PRF1-R123F AAHSIRNDW	270	143
>PRF1-R123F DAARSIRNDV	21	>PRF1-R123F DAAHSIRNDV	20	1
>PRF1-R123F DAARSIRNDV	369	>PRF1-R123F DAAHSIRNDV	655	286
>PRF1-R123F DAARSIRNDV	497	>PRF1-R123F DAAHSIRNDV	277	220
>PRF1-R123F ARDAARSI	1027	>PRF1-R123F ARDAAHSI	210	817
>PRF1-R123F VARDAARSI	101	>PRF1-R123F VARDAAHSI	83	18
>PRF1-R123F VARDAARSIR	356	>PRF1-R123F VARDAAHSIR	277	79
>PRF1-R123F VARDAARSIR	244	>PRF1-R123F VARDAAHSIR	415	171
>PRF1-R123F VARDAARSI	102	>PRF1-R123F VARDAAHSI	229	127
>PRF1-R123F VARDAARSI	43	>PRF1-R123F VARDAAHSI	23	20
>PRF1-R123F VARDAARSI	291	>PRF1-R123F VARDAAHSI	368	77
>PRF1-R123F AVARDAARSI	2344	>PRF1-R123F AVARDAAHSI	143	2201
>PRF1-R123F AVARDAAR	137	>PRF1-R123F AVARDAAH	13550	13413
>PRF1-R123F AVARDAARSI	310	>PRF1-R123F AVARDAAHSI	228	82
>PRF1-R123F AVARDAARSI	573	>PRF1-R123F AVARDAAHSI	412	161
>PRF1-R123F AVARDAAR	65	>PRF1-R123F AVARDAAH	15015	14950
>PRF1-R123F AVARDAARSI	63	>PRF1-R123F AVARDAAHSI	58	5
>PRF1-R123F AVARDAARSI	2525	>PRF1-R123F AVARDAAHSI	341	2184
>PRF1-R123F EAVARDAAR	40	>PRF1-R123F EAVARDAAH	14975	14935
>PRF1-R123F EAVARDAAR	7	>PRF1-R123F EAVARDAAH	2499	2492
>PRF1-R123F EAVARDAAR	148	>PRF1-R123F EAVARDAAH	22	126
>PRF1-R123F EAVARDAAR	963	>PRF1-R123F EAVARDAAH	137	826
>PRF1-R123F EAVARDAAR	3591	>PRF1-R123F EAVARDAAH	100	3491
>PRF1-R385V RDCSRPCPPC	171	>PRF1-R385V RDCSRPCPPC	29328	29157
>PRF1-R385V PGRQKSPR	2993	>PRF1-R385V PGWQKSPR	160	2833

>PRF1-R385\CPPGRQKSP	98	>PRF1-R385\CPPGWQKSP	81	17
>PRF1-R385\CPPGRQKSPF	601	>PRF1-R385\CPPGWQKSP	226	375
>PRF1-R385\CSRPCPPGR	301	>PRF1-R385\CSRPCPPGW	4979	4678
>PRF1-R385\CSRPCPPGRC	10	>PRF1-R385\CSRPCPPGW	13	3
>PRF1-R385\CSRPCPPGR	344	>PRF1-R385\CSRPCPPGW	21990	21646
>PRF1-R385\CSRPCPPGR	8452	>PRF1-R385\CSRPCPPGW	4	8448
>PRF1-R385\CSRPCPPGR	21379	>PRF1-R385\CSRPCPPGW	33	21346
>PRF1-R385\CSRPCPPGR	21867	>PRF1-R385\CSRPCPPGW	32	21835
>PRF1-R385\CSRPCPPGR	32952	>PRF1-R385\CSRPCPPGW	289	32663
>PRKAR1A-A ATVKAKTNV\	294	>PRKAR1A-A DTVKAKTNV\	5832	5538
>PRKAR1A-A ATVKAKTNV\	48	>PRKAR1A-A DTVKAKTNV\	806	758
>PRKAR1A-A ATVKAKTNV\	68	>PRKAR1A-A DTVKAKTNV\	7455	7387
>PRKAR1A-A ATVKAKTNV\	795	>PRKAR1A-A DTVKAKTNV\	181	614
>PRKAR1A-A ATVKAKTNV	286	>PRKAR1A-A DTVKAKTNV	38	248
>PRKAR1A-A ATVKAKTNV\	2251	>PRKAR1A-A DTVKAKTNV\	244	2007
>PRKAR1A-A ATVKAKTNV	856	>PRKAR1A-A DTVKAKTNV	38	818
>PRKAR1A-A ATVKAKTNV\	5733	>PRKAR1A-A DTVKAKTNV\	477	5256
>PRKAR1A-A ATVKAKTNV\	25	>PRKAR1A-A DTVKAKTNV\	1772	1747
>PRKAR1A-A ATVKAKTNV\	364	>PRKAR1A-A DTVKAKTNV\	4400	4036
>PRKAR1A-A ATVKAKTNV\	439	>PRKAR1A-A DTVKAKTNV\	5132	4693
>PRKAR1A-A AATVKAKTN\	23721	>PRKAR1A-A ADTVKAKTN\	74	23647
>PRKAR1A-A LALIYGTPRAL	132	>PRKAR1A-A LALIYGTPRAL	9013	8881
>PRKAR1A-A RAATVKAK	321	>PRKAR1A-A RADTVKAK	2067	1746
>PRKAR1A-A RAATVKAK	222	>PRKAR1A-A RADTVKAK	549	327
>PRKAR1A-A RAATVKAK	117	>PRKAR1A-A RADTVKAK	2529	2412
>PRKAR1A-A RAATVKAKT\	332	>PRKAR1A-A RADTVKAKT\	9117	8785
>PRKAR1A-A TPRAATVKA	111	>PRKAR1A-A TPRADTVKA	329	218
>PRKAR1A-A TPRAATVKA	128	>PRKAR1A-A TPRADTVKA	805	677
>PRKAR1A-A GTPRAATV	275	>PRKAR1A-A GTPRADTV	1196	921
>PRKAR1A-A GTPRAATVK	372	>PRKAR1A-A GTPRADTVK	1159	787
>PRKAR1A-A GTPRAATV	60	>PRKAR1A-A GTPRADTV	361	301
>PRKAR1A-A GTPRAATVK\	404	>PRKAR1A-A GTPRADTVK\	3006	2602
>PRKAR1A-A YGTPRAATV	182	>PRKAR1A-A YGTPRADTV	315	133
>PRKAR1A-A YGTPRAATV	45	>PRKAR1A-A YGTPRADTV	493	448
>PRKAR1A-A LIYGTPRADT\	174	>PRKAR1A-A LIYGTPRADT\	532	358
>PRKAR1A-A LIYGTPRADT\	191	>PRKAR1A-A LIYGTPRADT\	200	9
>PRKAR1A-A LIYGTPRAA	63	>PRKAR1A-A LIYGTPRAD	19922	19859
>PRKAR1A-A LIYGTPRAA	164	>PRKAR1A-A LIYGTPRADT	531	367
>PRKAR1A-A LIYGTPRAA\	9	>PRKAR1A-A LIYGTPRADT\	16	7
>PRKAR1A-A LIYGTPRAA\	86	>PRKAR1A-A LIYGTPRADT\	100	14
>PRKAR1A-A LIYGTPRAA	37	>PRKAR1A-A LIYGTPRAD	11468	11431
>PRKAR1A-A LIYGTPRAA\	3	>PRKAR1A-A LIYGTPRADT\	3	0
>PRKAR1A-A LIYGTPRAA\	34	>PRKAR1A-A LIYGTPRADT\	59	25

>PRKAR1A-A LIYGTBRAAT\	20	>PRKAR1A-A LIYGTBRAAD\	24	4
>PRKAR1A-A LIYGTBRAAT\	70	>PRKAR1A-A LIYGTBRAAD\	207	137
>PRKAR1A-A LIYGTBRAAT\	3	>PRKAR1A-A LIYGTBRAAD\	5	2
>PRKAR1A-A LIYGTBRAAT\	206	>PRKAR1A-A LIYGTBRAAD\	714	508
>PRKAR1A-A ALIYGTBRAA	200	>PRKAR1A-A ALIYGTBRAA	12109	11909
>PRKAR1A-A ALIYGTBRAA	45	>PRKAR1A-A ALIYGTBRAA	7808	7763
>PRKAR1A-A ALIYGTBRAA	218	>PRKAR1A-A ALIYGTBRAA	912	694
>PRKAR1A-A ALIYGTBRAA	147	>PRKAR1A-A ALIYGTBRAA	13758	13611
>PRKAR1A-A ALIYGTBRAA	298	>PRKAR1A-A ALIYGTBRAA	18849	18551
>PRKAR1A-A ALIYGTBRAA	129	>PRKAR1A-A ALIYGTBRAA	18880	18751
>PRKAR1A-A ALIYGTBRAA	192	>PRKAR1A-A ALIYGTBRAA	309	117
>PRKAR1A-K: KLWGIDRDSY	298	>PRKAR1A-K: ELWGIDRDSY	9637	9339
>PRKAR1A-K: KLWGIDRDSY	171	>PRKAR1A-K: ELWGIDRDSY	598	427
>PRKAR1A-K: KLWGIDRDSY	12	>PRKAR1A-K: ELWGIDRDSY	178	166
>PRKAR1A-K: KLWGIDRDSY	40	>PRKAR1A-K: ELWGIDRDSY	1030	990
>PRKAR1A-K: KLWGIDRDSY	457	>PRKAR1A-K: ELWGIDRDSY	17	440
>PRKAR1A-K: KLWGIDRDSY	1255	>PRKAR1A-K: ELWGIDRDSY	18	1237
>PRKAR1A-K: KLWGIDRDSY	486	>PRKAR1A-K: ELWGIDRDSY	8121	7635
>PRKAR1A-K: KLWGIDRDSY	534	>PRKAR1A-K: ELWGIDRDSY	332	202
>PRKAR1A-K: KLWGIDRDSY	13	>PRKAR1A-K: ELWGIDRDSY	33	20
>PRKAR1A-K: VKLWGIDRD	150	>PRKAR1A-K: VELWGIDRD	340	190
>PRKAR1A-K: VKLWGIDRD	112	>PRKAR1A-K: VELWGIDRD	3522	3410
>PRKAR1A-K: VKLWGIDRD	5824	>PRKAR1A-K: VELWGIDRD	32	5792
>PRKAR1A-K: VKLWGIDRD	22117	>PRKAR1A-K: VELWGIDRD	367	21750
>PRKAR1A-K: NVKLWGIDR	55	>PRKAR1A-K: NVELWGIDR	341	286
>PRKAR1A-K: NVKLWGIDR	374	>PRKAR1A-K: NVELWGIDR	416	42
>PRKAR1A-K: TNVKLWGI	155	>PRKAR1A-K: TNVELWGI	313	158
>PRKAR1A-K: KTNVKLWGI	981	>PRKAR1A-K: KTNVELWGI	432	549
>PRKAR1A-K: KTNVKLWGI	395	>PRKAR1A-K: KTNVELWGI	572	177
>PRKAR1A-K: KTNVKLWGI	57	>PRKAR1A-K: KTNVELWGI	30	27
>PRKAR1A-K: KTNVKLWGI	224	>PRKAR1A-K: KTNVELWGI	249	25
>PRKAR1A-K: KTNVKLWGI	287	>PRKAR1A-K: KTNVELWGI	242	45
>PRKAR1A-K: KTNVKLWGII	314	>PRKAR1A-K: KTNVELWGII	328	14
>PRKAR1A-K: KTNVKLWGI	400	>PRKAR1A-K: KTNVELWGI	1203	803
>PRKAR1A-K: KTNVKLWGII	16	>PRKAR1A-K: KTNVELWGII	32	16
>PRKAR1A-K: KTNVKLWGI	97	>PRKAR1A-K: KTNVELWGI	114	17
>PRKAR1A-K: KTNVKLWGI	24	>PRKAR1A-K: KTNVELWGI	49	25
>PRKAR1A-K: KTNVKLWGI	65	>PRKAR1A-K: KTNVELWGI	41	24
>PRKAR1A-K: KTNVKLWGII	524	>PRKAR1A-K: KTNVELWGII	422	102
>PRKAR1A-K: KTNVKLWGI	160	>PRKAR1A-K: KTNVELWGI	95	65
>PRKAR1A-K: AKTNVKLWG	917	>PRKAR1A-K: AKTNVELWG	354	563
>PRKAR1A-K: AKTNVKLW	4001	>PRKAR1A-K: AKTNVELW	353	3648
>PRKAR1A-K: KAKTNVKL	58	>PRKAR1A-K: KAKTNVEL	63	5

>PRKAR1A-K: KAKTNVKLW	332	>PRKAR1A-K: KAKTNVELW	892	560
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>PRKAR1A-K: KAKTNVKL	584	>PRKAR1A-K: KAKTNVEL	322	262
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>PRKAR1A-K: KAKTNVKLW	22	>PRKAR1A-K: KAKTNVELW	59	37
>PRKAR1A-K: KAKTNVKLW	296	>PRKAR1A-K: KAKTNVELW	602	306
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>PRKAR1A-K: KAKTNVKLW	32	>PRKAR1A-K: KAKTNVELW	15	17
>PRKAR1A-K: VKAKTNVKL	39	>PRKAR1A-K: VKAKTNVEL	22	17
>PRKAR1A-K: VKAKTNVKLV	225	>PRKAR1A-K: VKAKTNVELV	302	77
>PRKAR1A-K: VKAKTNVKLV	543	>PRKAR1A-K: VKAKTNVELV	347	196
>PRKAR1A-K: VKAKTNVKLV	4518	>PRKAR1A-K: VKAKTNVELV	317	4201
>PRKAR1A-K: TVKAKTNVK	340	>PRKAR1A-K: TVKAKTNVE	21066	20726
>PRKAR1A-K: TVKAKTNVK	117	>PRKAR1A-K: TVKAKTNVE	23462	23345
>PRKAR1A-K: TVKAKTNVK	8	>PRKAR1A-K: TVKAKTNVE	6330	6322
>PRKAR1A-K: TVKAKTNVKL	465	>PRKAR1A-K: TVKAKTNVEL	316	149
>PRKAR1A-K: TVKAKTNVK	122	>PRKAR1A-K: TVKAKTNVE	15884	15762
>PRKAR1A-K: TVKAKTNVKL	239	>PRKAR1A-K: TVKAKTNVEL	289	50
>PRKAR1A-K: ATVKAKTNVK	294	>PRKAR1A-K: ATVKAKTNVE	26935	26641
>PRKAR1A-K: ATVKAKTNVK	48	>PRKAR1A-K: ATVKAKTNVE	30514	30466
>PRKAR1A-K: ATVKAKTNVK	68	>PRKAR1A-K: ATVKAKTNVE	12059	11991
>PRKAR1A-K: ATVKAKTNVK	25	>PRKAR1A-K: ATVKAKTNVE	28	3
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>PRRX1-V18(VPRPAPRPT	20	>PRRX1-V18(IPRPAPRPT	17	3
>PRRX1-V18(VPRPAPRPTC	639	>PRRX1-V18(IPRPAPRPTD'	307	332
>PRRX1-V18(VPRPAPRPTC	141	>PRRX1-V18(IPRPAPRPTD'	83	58
>PRRX1-V18(VPRPAPRPT	1301	>PRRX1-V18(IPRPAPRPT	227	1074
>PRRX1-V18(IVPRPAPR	245	>PRRX1-V18(IIPRPAPR	452	207
>PRRX1-V18(IVPRPAPR	301	>PRRX1-V18(IIPRPAPR	606	305
>PRRX1-V18(IVPRPAPR	352	>PRRX1-V18(IIPRPAPR	150	202
>PRRX1-V18(GDVTAVEQP	159	>PRRX1-V18(GDVTAVEQP	37	122
>PRRX1-V18(GDVTAVEQP	160	>PRRX1-V18(GDVTAVEQP	90	70
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>PRRX1-V18(QPIVPRPA	29	>PRRX1-V18(QPIIPRPA	26	3
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>PRRX1-V18(EQPIVPRPAP	386	>PRRX1-V18(EQPIIPRPA	162	224
>PRRX1-V18(VEQPIVPRPA	93	>PRRX1-V18(VEQPIIPRPA	99	6
>PRRX1-V18(VEQPIVPR	506	>PRRX1-V18(VEQPIIPR	485	21
>PRRX1-V18(AVEQPIVPR	716	>PRRX1-V18(AVEQPIIPR	336	380

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>PRRX1-V18(VTAVEQPIV	231	>PRRX1-V18(VTAVEQPPII	15278	15047
>PRRX1-V18(VTAVEQPIVP	353	>PRRX1-V18(VTAVEQPIIPF	221	132
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>PRRX1-V18(VTAVEQPIV	3691	>PRRX1-V18(VTAVEQPPII	32	3659
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>PTCH1-A11(ALAFLTAI	1095	>PTCH1-A11(SLAFLTAI	178	917
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>PTCH1-A11(HVALAFLTAI	324	>PTCH1-A11(HVSLAFLTAI	295	29
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>PTCH1-A11(HVALAFLTAI	278	>PTCH1-A11(HVSLAFLTAI	316	38
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>PTCH1-A11(VHVALAFLTA	839	>PTCH1-A11(VHVSLAFLTA	488	351
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>PTCH1-A11(TVHVALAFL	223	>PTCH1-A11(TVHVSLAFL	345	122
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>PTCH1-A11(FTVHVALA	53	>PTCH1-A11(FTVHVSLA	41	12
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>PTCH1-A11(FTVHVALAF	47	>PTCH1-A11(FTVHVSLAF	54	7
>PTCH1-A11(FTVHVALAF	132	>PTCH1-A11(FTVHVSLAF	95	37
>PTCH1-A11(FTVHVALA	17	>PTCH1-A11(FTVHVSLA	22	5
>PTCH1-A11(FTVHVALAFL	45	>PTCH1-A11(FTVHVSLAFL	36	9
>PTCH1-A11(FTVHVALAFL	101	>PTCH1-A11(FTVHVSLAFL	85	16
>PTCH1-A11(FTVHVALA	355	>PTCH1-A11(FTVHVSLA	665	310
>PTCH1-A11(FTVHVALAFL	41	>PTCH1-A11(FTVHVSLAFL	47	6
>PTCH1-A11(FTVHVALAF	60	>PTCH1-A11(FTVHVSLAF	30	30
>PTCH1-A11(FTVHVALAF	27	>PTCH1-A11(FTVHVSLAF	19	8
>PTCH1-A11(FTVHVALAF	3	>PTCH1-A11(FTVHVSLAF	3	0
>PTCH1-A11(FTVHVALAFL	12	>PTCH1-A11(FTVHVSLAFL	10	2
>PTCH1-A11(FTVHVALAF	68	>PTCH1-A11(FTVHVSLAF	45	23
>PTCH1-A11(FTVHVALAF	98	>PTCH1-A11(FTVHVSLAF	90	8
>PTCH1-A11(FTVHVALAF	22	>PTCH1-A11(FTVHVSLAF	21	1
>PTCH1-A11(FTVHVALAFL	325	>PTCH1-A11(FTVHVSLAFL	263	62
>PTCH1-A11(FTVHVALAF	526	>PTCH1-A11(FTVHVSLAF	421	105
>PTCH1-A11(FTVHVALAFL	31	>PTCH1-A11(FTVHVSLAFL	29	2
>PTCH1-A11(FTVHVALAF	26	>PTCH1-A11(FTVHVSLAF	34	8
>PTCH1-A11(FTVHVALAFL	167	>PTCH1-A11(FTVHVSLAFL	178	11
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>PTCH1-A11(FTVHVALAF	1280	>PTCH1-A11(FTVHVSLAF	122	1158
>PTCH1-A11(FTVHVALAF	460	>PTCH1-A11(FTVHVSLAF	363	97
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>PTCH1-A11(EFTVHVALAF	262	>PTCH1-A11(EFTVHVSLAF	247	15
>PTCH1-A11(EFTVHVALAF	366	>PTCH1-A11(EFTVHVSLAF	393	27
>PTCH1-A11(EFTVHVAL	532	>PTCH1-A11(EFTVHVSL	426	106
>PTCH1-A11(EFTVHVALAF	428	>PTCH1-A11(EFTVHVSLAF	431	3
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>PTCH1-A11(VEFTVHVALA	214	>PTCH1-A11(VEFTVHVSLA	116	98
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>PTCH1-A11(VEFTVHVA	78	>PTCH1-A11(VEFTVHVS	1624	1546
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>PTCH1-A11(IGVEFTVHVA	204	>PTCH1-A11(IGVEFTVHVS	272	68
>PTCH1-A11(AIGDKNRRA\	161	>PTCH1-A11(VIGDKNRRA\	121	40
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>PTCH1-A11(AIGDKNRRA\	124	>PTCH1-A11(VIGDKNRRA\	131	7
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>PTCH1-A11(TAIGDKNRRA	9397	>PTCH1-A11(TVIGDKNRRA	467	8930
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>PTCH1-A11(TAIGDKNRRA	85	>PTCH1-A11(TVIGDKNRRA	22	63
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>PTCH1-A11(TVHVALAFLT	1467	>PTCH1-A11(TVHVALAFLT	73	1394
>PTCH1-A11(TVHVALAFLT	9205	>PTCH1-A11(TVHVALAFLT	72	9133
>PTCH1-A11(TVHVALAFLT	36	>PTCH1-A11(TVHVALAFLT	66	30
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>PTCH1-A11(TVHVALAFLT	3949	>PTCH1-A11(TVHVALAFLT	113	3836
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>PTCH1-A11(ALAFLTAIG	354	>PTCH1-A11(ALAFLTVIG	585	231
>PTCH1-A11(ALAFLTAI	4	>PTCH1-A11(ALAFLTVI	8	4
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>PTCH1-A11(ALAFLTAI	48	>PTCH1-A11(ALAFLTVI	41	7
>PTCH1-A11(ALAFLTAI	88	>PTCH1-A11(ALAFLTVI	113	25
>PTCH1-A11(ALAFLTAI	10	>PTCH1-A11(ALAFLTVI	11	1
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>PTCH1-A11(VALAFLTA	9441	>PTCH1-A11(VALAFLTV	498	8943
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>PTCH1-A11(VHVALAFLTA	205	>PTCH1-A11(VHVALAFLTV	247	42
>PTCH1-A12'AQQGAGGP/	444	>PTCH1-A12'GQQGAGGP/	1485	1041
>PTCH1-A12'AQQGAGGP/	151	>PTCH1-A12'GQQGAGGP/	296	145
>PTCH1-A12'AQQGAGGP/	187	>PTCH1-A12'GQQGAGGP/	392	205
>PTCH1-A12'EAQQGAGGF	497	>PTCH1-A12'EGQQGAGGF	4226	3729
>PTCH1-A12'GLSEELRHYE/	175	>PTCH1-A12'GLSEELRHYE(	12080	11905
>PTCH1-A12'GLSEELRHYE/	21	>PTCH1-A12'GLSEELRHYE(	638	617
>PTCH1-A12'GLSEELRHYE/	32	>PTCH1-A12'GLSEELRHYE(	5969	5937

>PTCH1-A12:GLSEELRHYE/	42	>PTCH1-A12:GLSEELRHYE(	2728	2686
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>PTCH1-A12:GLSEELRHYE/	85	>PTCH1-A12:GLSEELRHYE(	8713	8628
>PTCH1-A12:GLSEELRHYE/	15	>PTCH1-A12:GLSEELRHYE(	7647	7632
>PTCH1-A12:YEAQQGAGG	228	>PTCH1-A12:YEQQQGAGC	315	87
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>PTCH1-A12:EELRHYEA	372	>PTCH1-A12:EELRHYEG	8935	8563
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>PTCH1-A12:EELRHYEAQ	177	>PTCH1-A12:EELRHYEGQ	702	525
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>PTCH1-A13:TVTASASVTV	858	>PTCH1-A13:TVTASASVTV	85	773
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>PTCH1-A47:LLVALSVAAG	69	>PTCH1-A47:LLVVLSVAAG	296	227
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>PTCH1-A56:FMAALIPI	4	>PTCH1-A56:FMAVLIPI	9	5
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>PTCH1-A56:FMAALIPI	37	>PTCH1-A56:FMAVLIPI	92	55
>PTCH1-A56:FMAALIPIPA	250	>PTCH1-A56:FMAVLIPIPA	601	351
>PTCH1-A56:FMAALIPIPAL	58	>PTCH1-A56:FMAVLIPIPAL	134	76
>PTCH1-A56:FMAALIPI	143	>PTCH1-A56:FMAVLIPI	326	183
>PTCH1-A56:FMAALIPIPA	419	>PTCH1-A56:FMAVLIPIPA	855	436
>PTCH1-A56:FMAALIPIPAL	92	>PTCH1-A56:FMAVLIPIPAL	163	71
>PTCH1-A56:FMAALIPI	91	>PTCH1-A56:FMAVLIPI	138	47
>PTCH1-A56:FMAALIPIPAL	40	>PTCH1-A56:FMAVLIPIPAL	55	15
>PTCH1-A56:FMAALIPIPAL	460	>PTCH1-A56:FMAVLIPIPAL	796	336
>PTCH1-A56:FMAALIPI	134	>PTCH1-A56:FMAVLIPI	429	295
>PTCH1-A56:FMAALIPIPAL	13	>PTCH1-A56:FMAVLIPIPAL	26	13
>PTCH1-A56:FMAALIPIPAL	151	>PTCH1-A56:FMAVLIPIPAL	459	308
>PTCH1-A56:FMAALIPI	318	>PTCH1-A56:FMAVLIPI	624	306
>PTCH1-A56:FFMAALIPI	82	>PTCH1-A56:FFMAVLIPI	39	43
>PTCH1-A56:FFMAALIPI	40	>PTCH1-A56:FFMAVLIPI	38	2
>PTCH1-A56:FFMAALIPIPA	142	>PTCH1-A56:FFMAVLIPIPA	123	19
>PTCH1-A56:FFMAALIPI	8	>PTCH1-A56:FFMAVLIPI	10	2
>PTCH1-A56:FFMAALIPIPA	29	>PTCH1-A56:FFMAVLIPIPA	29	0
>PTCH1-A56:FFMAALIPI	322	>PTCH1-A56:FFMAVLIPI	300	22

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>PTCH1-A56: FFMAALIPIPA	100	>PTCH1-A56: FFMAVLIPIPA	112	12
>PTCH1-A56: FFMAALIPI	669	>PTCH1-A56: FFMAVLIPI	91	578
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>PTCH1-A56: FFMAALIPI	31	>PTCH1-A56: FFMAVLIPI	28	3
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>PTCH1-A56: FFMAALIPIPA	72	>PTCH1-A56: FFMAVLIPIPA	71	1
>PTCH1-A56: AFFMAALI	395	>PTCH1-A56: AFFMAVLI	164	231
>PTCH1-A56: AFFMAALIPI	512	>PTCH1-A56: AFFMAVLIPI	362	150
>PTCH1-A56: AFFMAALI	498	>PTCH1-A56: AFFMAVLI	581	83
>PTCH1-A56: AFFMAALIPI	60	>PTCH1-A56: AFFMAVLIPI	79	19
>PTCH1-A56: AFFMAALIPI	396	>PTCH1-A56: AFFMAVLIPI	220	176
>PTCH1-A56: AFFMAALIPI	785	>PTCH1-A56: AFFMAVLIPI	429	356
>PTCH1-A56: AFFMAALIPI	377	>PTCH1-A56: AFFMAVLIPI	463	86
>PTCH1-A56: TAFFMAAL	115	>PTCH1-A56: TAFFMAVL	338	223
>PTCH1-A56: TAFFMAALI	156	>PTCH1-A56: TAFFMAVLI	309	153
>PTCH1-A56: TAFFMAALIP	140	>PTCH1-A56: TAFFMAVLIP	244	104
>PTCH1-A56: TAFFMAAL	469	>PTCH1-A56: TAFFMAVL	1254	785
>PTCH1-A56: TAFFMAALIP	391	>PTCH1-A56: TAFFMAVLIP	417	26
>PTCH1-A56: TAFFMAALI	638	>PTCH1-A56: TAFFMAVLI	103	535
>PTCH1-A56: TAFFMAALIP	220	>PTCH1-A56: TAFFMAVLIP	76	144
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>PTCH1-A56: TAFFMAALI	10	>PTCH1-A56: TAFFMAVLI	12	2
>PTCH1-A56: TAFFMAALIP	8	>PTCH1-A56: TAFFMAVLIP	8	0
>PTCH1-A56: TAFFMAAL	195	>PTCH1-A56: TAFFMAVL	767	572
>PTCH1-A56: TAFFMAALI	244	>PTCH1-A56: TAFFMAVLI	462	218
>PTCH1-A56: TAFFMAALIP	53	>PTCH1-A56: TAFFMAVLIP	73	20
>PTCH1-A56: TAFFMAAL	40	>PTCH1-A56: TAFFMAVL	67	27
>PTCH1-A56: TAFFMAALI	231	>PTCH1-A56: TAFFMAVLI	780	549
>PTCH1-A56: TAFFMAALIP	241	>PTCH1-A56: TAFFMAVLIP	663	422
>PTCH1-A56: TAFFMAAL	453	>PTCH1-A56: TAFFMAVL	1398	945
>PTCH1-A56: TAFFMAAL	192	>PTCH1-A56: TAFFMAVL	241	49
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>PTCH1-A56: TAFFMAALI	91	>PTCH1-A56: TAFFMAVLI	136	45
>PTCH1-A56: TAFFMAALIP	115	>PTCH1-A56: TAFFMAVLIP	148	33
>PTCH1-A56: VTAFFMAA	3939	>PTCH1-A56: VTAFFMAV	312	3627
>PTCH1-A56: VTAFFMAAL	73	>PTCH1-A56: VTAFFMAVL	258	185
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>PTCH1-A56:VTAFFMAA	196	>PTCH1-A56:VTAFFMAV	30	166
>PTCH1-A56:VTAFFMAAL	92	>PTCH1-A56:VTAFFMAVL	366	274
>PTCH1-A56:VTAFFMAA	305	>PTCH1-A56:VTAFFMAV	31	274
>PTCH1-A56:VTAFFMAAL	211	>PTCH1-A56:VTAFFMAVL	1063	852
>PTCH1-A56:VTAFFMAA	2933	>PTCH1-A56:VTAFFMAV	56	2877
>PTCH1-A56:VTAFFMAA	12068	>PTCH1-A56:VTAFFMAV	181	11887
>PTCH1-A56:VTAFFMAAL	21	>PTCH1-A56:VTAFFMAVL	43	22
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>PTCH1-A56:VTAFFMAALI	310	>PTCH1-A56:VTAFFMAVLI	112	198
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>PTCH1-A56:VTAFFMAAL	13	>PTCH1-A56:VTAFFMAVL	23	10
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>PTCH1-A56:VTAFFMAAL	6	>PTCH1-A56:VTAFFMAVL	6	0
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>PTCH1-A56:VTAFFMAA	7347	>PTCH1-A56:VTAFFMAV	154	7193
>PTCH1-A56:VTAFFMAAL	7	>PTCH1-A56:VTAFFMAVL	7	0
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>PTCH1-A56:VTAFFMAAL	37	>PTCH1-A56:VTAFFMAVL	12	25
>PTCH1-A56:VTAFFMAALI	68	>PTCH1-A56:VTAFFMAVLI	55	13
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>PTCH1-A56:VTAFFMAALI	22	>PTCH1-A56:VTAFFMAVLI	30	8
>PTCH1-A56:NVTAFFMAA	5799	>PTCH1-A56:NVTAFFMAV	411	5388
>PTCH1-A56:NVTAFFMAA	934	>PTCH1-A56:NVTAFFMAV	105	829
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>PTCH1-A56:NVTAFFMAA	8743	>PTCH1-A56:NVTAFFMAV	80	8663
>PTCH1-A56:NVTAFFMAA	316	>PTCH1-A56:NVTAFFMAV	573	257
>PTCH1-A56:NVTAFFMAA	8	>PTCH1-A56:NVTAFFMAV	5	3
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>PTCH1-A56:NVTAFFMAA	9	>PTCH1-A56:NVTAFFMAV	9	0
>PTCH1-A56:NVTAFFMAA	70	>PTCH1-A56:NVTAFFMAV	6	64
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>PTCH1-A56:NVTAFFMAA	62	>PTCH1-A56:NVTAFFMAV	88	26
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>PTCH1-A56:SNVTAFFMA	330	>PTCH1-A56:SNVTAFFMA'	394	64
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>PTCH1-A73(AEKHYAPFL	44	>PTCH1-A73(VEKHYAPFL	257	213
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>PTCH1-A73(FAEKHYAPFL	135	>PTCH1-A73(FVEKHYAPFL	829	694
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>PTCH1-A73(SFAEKHYAPF	39	>PTCH1-A73(SFVEKHYAPF	60	21
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>PTCH1-A73(SFAEKHYAPF	202	>PTCH1-A73(SFVEKHYAPF	163	39
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>PTCH1-A73(SSFAEKHY	468	>PTCH1-A73(SSFVEKHY	709	241
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>PTCH1-A73(SSFAEKHYAP	6	>PTCH1-A73(SSFVEKHYAP	6	0
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>PTCH1-A73(SSFAEKHYAP	141	>PTCH1-A73(SSFVEKHYAP	135	6
>PTCH1-A73(LSSFAEKHY	174	>PTCH1-A73(LSSFVEKHY	147	27
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>PTCH1-A73(LSSFAEKHY	451	>PTCH1-A73(LSSFVEKHY	411	40
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>PTCH1-A73(TLSSFAEKHY/	329	>PTCH1-A73(TLSSFVEKHY/	202	127
>PTCH1-A73(TLSSFAEKHY/	14	>PTCH1-A73(TLSSFVEKHY/	11	3
>PTCH1-A73(TLSSFAEKHY/	68	>PTCH1-A73(TLSSFVEKHY/	43	25
>PTCH1-A73(TLSSFAEKHY/	61	>PTCH1-A73(TLSSFVEKHY/	41	20
>PTCH1-A73(TLSSFAEKHY/	493	>PTCH1-A73(TLSSFVEKHY/	371	122
>PTCH1-A73(TLSSFAEKHY/	186	>PTCH1-A73(TLSSFVEKHY/	138	48
>PTCH1-A73(TLSSFAEKHY/	188	>PTCH1-A73(TLSSFVEKHY/	94	94
>PTCH1-A73(TLSSFAEKHY/	12	>PTCH1-A73(TLSSFVEKHY/	11	1



>PTCH1-A73(TLSSFAEK	75	>PTCH1-A73(TLSSFVEK	74	1
>PTCH1-A73(TLSSFAEK	21	>PTCH1-A73(TLSSFVEK	18	3
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>PTCH1-A73(TLSSFAEK	34	>PTCH1-A73(TLSSFVEK	38	4
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>PTCH1-A73(WTLSSFAEK	42	>PTCH1-A73(WTLSSFVEK	29	13
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>PTCH1-A73(WTLSSFAEK	806	>PTCH1-A73(WTLSSFVEK	367	439
>PTCH1-A73(WTLSSFAEKH	46	>PTCH1-A73(WTLSSFVEKH	50	4
>PTCH1-A73(WTLSSFAEKH	7	>PTCH1-A73(WTLSSFVEKH	10	3
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>PTCH1-A73(KWTLSSFAEK	81	>PTCH1-A73(KWTLSSFVEK	128	47
>PTCH1-A73(KWTLSSFAEK	195	>PTCH1-A73(KWTLSSFVEK	226	31
>PTCH1-A73(KWTLSSFAEK	52	>PTCH1-A73(KWTLSSFVEK	35	17
>PTCH1-A73(KWTLSSFA	22	>PTCH1-A73(KWTLSSFV	20	2
>PTCH1-A73(KWTLSSFAE	107	>PTCH1-A73(KWTLSSFVE	303	196
>PTCH1-A73(KWTLSSFAEK	246	>PTCH1-A73(KWTLSSFVEK	236	10
>PTCH1-A73(TKWLSSFA	1696	>PTCH1-A73(TKWLSSFV	44	1652
>PTCH1-A73(TKWLSSFA	468	>PTCH1-A73(TKWLSSFV	74	394
>PTCH1-A73(TKWLSSFAE	297	>PTCH1-A73(TKWLSSFVE	170	127
>PTCH1-A73(CTKWTLSSFA	1918	>PTCH1-A73(CTKWTLSSFV	319	1599
>PTCH1-A73(CTKWTLSSFA	33	>PTCH1-A73(CTKWTLSSFV	61	28
>PTCH1-A73(CTKWTLSSFA	1154	>PTCH1-A73(CTKWTLSSFV	190	964
>PTCH1-A73(CTKWTLSSFA	1485	>PTCH1-A73(CTKWTLSSFV	204	1281
>PTCH1-A73(CTKWTLSSFA	12373	>PTCH1-A73(CTKWTLSSFV	367	12006
>PTCH1-D13(DPPREGLWP	4134	>PTCH1-D13(YPPREGLWPF	46	4088
>PTCH1-D13(DPPREGLWP	1943	>PTCH1-D13(YPPREGLWPF	162	1781
>PTCH1-D13(DPPREGLW	926	>PTCH1-D13(YPPREGLW	94	832
>PTCH1-D13(DPPREGLWP	12618	>PTCH1-D13(YPPREGLWPF	142	12476
>PTCH1-D13(DPPREGLW	162	>PTCH1-D13(YPPREGLW	39	123
>PTCH1-D13(DPPREGLW	5805	>PTCH1-D13(YPPREGLW	354	5451
>PTCH1-D13(RDPPREGL	27151	>PTCH1-D13(RYPPREGL	494	26657

>PTCH1-D13(RDPPREGLW	13851	>PTCH1-D13(RYPPREGLW	75	13776
>PTCH1-D13(RDPPREGL	18091	>PTCH1-D13(RYPPREGL	5	18086
>PTCH1-D13(RDPPREGLW	15889	>PTCH1-D13(RYPPREGLW	6	15883
>PTCH1-D13(RDPPREGLW	19412	>PTCH1-D13(RYPPREGLWI	379	19033
>PTCH1-D13(RDPPREGLW	19507	>PTCH1-D13(RYPPREGLWI	230	19277
>PTCH1-D13(RDPPREGLW	1325	>PTCH1-D13(RYPPREGLW	146	1179
>PTCH1-D13(RRDPPREGL	2416	>PTCH1-D13(RRYPPREGL	92	2324
>PTCH1-D13(RRDPPREGL	954	>PTCH1-D13(RRYPPREGL	37	917
>PTCH1-D13(RRDPPREGLV	243	>PTCH1-D13(RRYPPREGLV	36	207
>PTCH1-D13(RRDPPREG	644	>PTCH1-D13(RRYPPREG	77	567
>PTCH1-D13(RRDPPREGL	69	>PTCH1-D13(RRYPPREGL	19	50
>PTCH1-D13(RRDPPREGLV	241	>PTCH1-D13(RRYPPREGLV	69	172
>PTCH1-D13(RRDPPREGLV	983	>PTCH1-D13(RRYPPREGLV	97	886
>PTCH1-D13(RRDPPREG	2457	>PTCH1-D13(RRYPPREG	433	2024
>PTCH1-D13(RRDPPREGL	33	>PTCH1-D13(RRYPPREGL	7	26
>PTCH1-D13(RRDPPREGLV	89	>PTCH1-D13(RRYPPREGLV	35	54
>PTCH1-D13(RRDPPREGLV	3205	>PTCH1-D13(RRYPPREGLV	181	3024
>PTCH1-D13(RRDPPREGLV	55	>PTCH1-D13(RRYPPREGLV	23	32
>PTCH1-D13(PRRDPPREGL	995	>PTCH1-D13(PRRYPPREGL	381	614
>PTCH1-D13(QPRRDPPREC	100	>PTCH1-D13(QPRRYPPREC	50	50
>PTCH1-D13(QQPRRDPPR	1243	>PTCH1-D13(QQPRRYPPR	104	1139
>PTCH1-D13(QQPRRDPPR	226	>PTCH1-D13(QQPRRYPPR	157	69
>PTCH1-D13(GQQPRRDPP	1372	>PTCH1-D13(GQQPRRYPPI	281	1091
>PTCH1-D13(QGQQPRRDF	1029	>PTCH1-D13(QGQQPRRYP	418	611
>PTCH1-D13(RQGQQPRRD	25932	>PTCH1-D13(RQGQQPRRY	244	25688
>PTCH1-D13(RQGQQPRRD	18906	>PTCH1-D13(RQGQQPRRY	119	18787
>PTCH1-D13(RQGQQPRRD	24108	>PTCH1-D13(RQGQQPRRY	159	23949
>PTCH1-D13(GRQGQQPRF	1612	>PTCH1-D13(GRQGQQPRF	21	1591
>PTCH1-D39(DKAAAILEA	24222	>PTCH1-D39(YKAAAILEA	332	23890
>PTCH1-D39(DKAAAILEA	6892	>PTCH1-D39(YKAAAILEA	133	6759
>PTCH1-D39(DKAAAILEAW	4069	>PTCH1-D39(YKAAAILEAW	69	4000
>PTCH1-D39(DKAAAILEAW	631	>PTCH1-D39(YKAAAILEAW	120	511
>PTCH1-D39(DKAAAILEAW	1236	>PTCH1-D39(YKAAAILEAW	82	1154
>PTCH1-D39(EDKAAAIL	429	>PTCH1-D39(EYKAAAIL	28949	28520
>PTCH1-D39(EDKAAAIL	26759	>PTCH1-D39(EYKAAAIL	435	26324
>PTCH1-D39(EDKAAAILEA'	26059	>PTCH1-D39(EYKAAAILEA\	207	25852
>PTCH1-D39(EYVSHINWNI	14139	>PTCH1-D39(EYVSHINWNI	91	14048
>PTCH1-D39(EYVSHINWNI	7789	>PTCH1-D39(EYVSHINWNI	7	7782
>PTCH1-D39(EYVSHINWNI	24713	>PTCH1-D39(EYVSHINWNI	243	24470
>PTCH1-D39(NEDKAAAI	22	>PTCH1-D39(NEYKAAAI	11	11
>PTCH1-D39(NEDKAAAIL	224	>PTCH1-D39(NEYKAAAIL	17	207
>PTCH1-D39(NEDKAAAILE.	5011	>PTCH1-D39(NEYKAAAILE/	222	4789
>PTCH1-D39(NEDKAAAI	757	>PTCH1-D39(NEYKAAAI	51	706

>PTCH1-D39(NEDKAAAIL	195	>PTCH1-D39(NEYKAAAIL	16	179
>PTCH1-D39(NEDKAAAILE	1002	>PTCH1-D39(NEYKAAAILE/	61	941
>PTCH1-D39(NEDKAAAIL	53	>PTCH1-D39(NEYKAAAIL	46	7
>PTCH1-D39(NEDKAAAI	331	>PTCH1-D39(NEYKAAAI	162	169
>PTCH1-D39(NEDKAAAIL	51	>PTCH1-D39(NEYKAAAIL	35	16
>PTCH1-D39(NEDKAAAILE	4201	>PTCH1-D39(NEYKAAAILE/	411	3790
>PTCH1-D39(NEDKAAAIL	1485	>PTCH1-D39(NEYKAAAIL	259	1226
>PTCH1-D39(NEDKAAAI	4534	>PTCH1-D39(NEYKAAAI	338	4196
>PTCH1-D39(NEDKAAAILE	243	>PTCH1-D39(NEYKAAAILE/	29	214
>PTCH1-D39(NEDKAAAI	133	>PTCH1-D39(NEYKAAAI	14	119
>PTCH1-D39(NEDKAAAIL	1729	>PTCH1-D39(NEYKAAAIL	42	1687
>PTCH1-D39(WNEDKAAAI	328	>PTCH1-D39(WNEYKAAAIL	627	299
>PTCH1-D39(NWNEDKAA	643	>PTCH1-D39(NWNEYKAA	230	413
>PTCH1-D39(NWNEDKAA/	806	>PTCH1-D39(NWNEYKAA/	219	587
>PTCH1-D39(INWNEDKAA	305	>PTCH1-D39(INWNEYKAA/	248	57
>PTCH1-D39(HINWNEDK	908	>PTCH1-D39(HINWNEYK	111	797
>PTCH1-D39(HINWNEDK	471	>PTCH1-D39(HINWNEYK	36	435
>PTCH1-D39(HINWNEDK	4100	>PTCH1-D39(HINWNEYK	321	3779
>PTCH1-D39(HINWNEDK	5745	>PTCH1-D39(HINWNEYK	97	5648
>PTCH1-D39(HINWNEDK	92	>PTCH1-D39(HINWNEYK	15	77
>PTCH1-D39(HINWNEDK	3700	>PTCH1-D39(HINWNEYK	177	3523
>PTCH1-D39(SHINWNED	24832	>PTCH1-D39(SHINWNEY	90	24742
>PTCH1-D39(SHINWNED	25682	>PTCH1-D39(SHINWNEY	183	25499
>PTCH1-D39(SHINWNED	22067	>PTCH1-D39(SHINWNEY	147	21920
>PTCH1-D39(VSHINWNED	882	>PTCH1-D39(VSHINWNEYI	104	778
>PTCH1-D39(VSHINWNED	27299	>PTCH1-D39(VSHINWNEY	325	26974
>PTCH1-D39(VSHINWNED	370	>PTCH1-D39(VSHINWNEYI	44	326
>PTCH1-D39(VSHINWNED	16961	>PTCH1-D39(VSHINWNEY	53	16908
>PTCH1-D39(VSHINWNED	3734	>PTCH1-D39(VSHINWNEYI	189	3545
>PTCH1-D39(VSHINWNED	25780	>PTCH1-D39(VSHINWNEY	308	25472
>PTCH1-D39(VSHINWNED	15963	>PTCH1-D39(VSHINWNEY	9	15954
>PTCH1-D39(VSHINWNED	732	>PTCH1-D39(VSHINWNEYI	491	241
>PTCH1-D39(YVSHINWNEI	31325	>PTCH1-D39(YVSHINWNE`	318	31007
>PTCH1-D39(YVSHINWNEI	2498	>PTCH1-D39(YVSHINWNE`	394	2104
>PTCH1-D39(YVSHINWNEI	182	>PTCH1-D39(YVSHINWNE`	24	158
>PTCH1-D39(YVSHINWNEI	19549	>PTCH1-D39(YVSHINWNE`	217	19332
>PTCH1-D39(YVSHINWNEI	36955	>PTCH1-D39(YVSHINWNE`	297	36658
>PTCH1-D39(YVSHINWNEI	28094	>PTCH1-D39(YVSHINWNE`	132	27962
>PTCH1-D39(YVSHINWNEI	24112	>PTCH1-D39(YVSHINWNE`	66	24046
>PTCH1-D39(YVSHINWNEI	24900	>PTCH1-D39(YVSHINWNE`	499	24401
>PTCH1-D39(YVSHINWNEI	15	>PTCH1-D39(YVSHINWNE`	4	11
>PTCH1-D39(YVSHINWNEI	20861	>PTCH1-D39(YVSHINWNE`	40	20821
>PTCH1-D39(YVSHINWNEI	20251	>PTCH1-D39(YVSHINWNE`	257	19994

>PTCH1-D39(YVSHINWNEI	31098	>PTCH1-D39(YVSHINWNE`	320	30778
>PTCH1-D39(YVSHINWNEI	27210	>PTCH1-D39(YVSHINWNE`	355	26855
>PTCH1-D39(YVSHINWNEI	25041	>PTCH1-D39(YVSHINWNE`	407	24634
>PTCH1-D39(YVSHINWNEI	25277	>PTCH1-D39(YVSHINWNE`	172	25105
>PTCH1-D39(YVSHINWNEI	22990	>PTCH1-D39(YVSHINWNE`	46	22944
>PTCH1-D89:DISQLTKQRL\	8325	>PTCH1-D89:GISQLTKQRL\	368	7957
>PTCH1-D89:DISQLTKQRL\	6828	>PTCH1-D89:GISQLTKQRL\	187	6641
>PTCH1-D89:DISQLTKQRL	6981	>PTCH1-D89:GISQLTKQRL	375	6606
>PTCH1-D89:DISQLTKQRL\	2939	>PTCH1-D89:GISQLTKQRL\	83	2856
>PTCH1-D89:DISQLTKQR	303	>PTCH1-D89:GISQLTKQR	13923	13620
>PTCH1-D89:DISQLTKQR	49	>PTCH1-D89:GISQLTKQR	895	846
>PTCH1-D89:DISQLTKQR	381	>PTCH1-D89:GISQLTKQR	474	93
>PTCH1-D89:KPIDISQL	1300	>PTCH1-D89:KPIGISQL	91	1209
>PTCH1-D89:KPIDISQL	59	>PTCH1-D89:KPIGISQL	32	27
>PTCH1-D89:SRDKPIDISQL	527	>PTCH1-D89:SRDKPIGISQL	408	119
>PTCH1-D89:SRDKPIDISQL	293	>PTCH1-D89:SRDKPIGISQL	185	108
>PTCH1-D89:GSRDKPIDI	170	>PTCH1-D89:GSRDKPIGI	66	104
>PTCH1-D89:GSRDKPIDISC	611	>PTCH1-D89:GSRDKPIGISC	317	294
>PTCH1-D89:GSRDKPIDI	403	>PTCH1-D89:GSRDKPIGI	55	348
>PTCH1-D89:QTGSRDKPID	577	>PTCH1-D89:QTGSRDKPIG	278	299
>PTCH1-E12:ELRHYESAQQC	3069	>PTCH1-E12:KLRHYESAQQC	65	3004
>PTCH1-E12:ELRHYESAQQC	4595	>PTCH1-E12:KLRHYESAQQC	473	4122
>PTCH1-E12:ELRHYESAQQC	393	>PTCH1-E12:KLRHYESAQQC	45	348
>PTCH1-E12:ELRHYESAQ	14371	>PTCH1-E12:KLRHYESAQ	280	14091
>PTCH1-E12:ELRHYESAQQ	14810	>PTCH1-E12:KLRHYESAQQ	148	14662
>PTCH1-E12:ELRHYESAQQC	16322	>PTCH1-E12:KLRHYESAQQC	215	16107
>PTCH1-E12:ELRHYESAQQC	9025	>PTCH1-E12:KLRHYESAQQC	13	9012
>PTCH1-E12:EELRHYESA	372	>PTCH1-E12:EKLRHYESA	30238	29866
>PTCH1-E12:EELRHYESA	7	>PTCH1-E12:EKLRHYESA	5166	5159
>PTCH1-E12:EELRHYESAQ	177	>PTCH1-E12:EKLRHYESAQ	26428	26251
>PTCH1-E12:SQTTVSGLSEI	25614	>PTCH1-E12:SQTTVSGLSEI	75	25539
>PTCH1-E12:SEELRHYESA	5817	>PTCH1-E12:SEKLRHYESA	366	5451
>PTCH1-E12:SEELRHYESA	794	>PTCH1-E12:SEKLRHYESA	129	665
>PTCH1-E12:SEELRHYESA	13	>PTCH1-E12:SEKLRHYESA	10	3
>PTCH1-E12:SEELRHYESAQ	430	>PTCH1-E12:SEKLRHYESAQ	1588	1158
>PTCH1-E12:LSEELRHY	40	>PTCH1-E12:LSEKLRHY	70	30
>PTCH1-E12:LSEELRHY	320	>PTCH1-E12:LSEKLRHY	313	7
>PTCH1-E12:LSEELRHY	45	>PTCH1-E12:LSEKLRHY	77	32
>PTCH1-E12:LSEELRHY	1240	>PTCH1-E12:LSEKLRHY	152	1088
>PTCH1-E12:GLSEELRHYE/	175	>PTCH1-E12:GLSEKLRHYE/	194	19
>PTCH1-E12:GLSEELRHYE/	21	>PTCH1-E12:GLSEKLRHYE/	30	9
>PTCH1-E12:GLSEELRHYE/	32	>PTCH1-E12:GLSEKLRHYE/	25	7
>PTCH1-E12:GLSEELRHYE/	42	>PTCH1-E12:GLSEKLRHYE/	40	2

>PTCH1-E12:GLSEELRHYE/	46	>PTCH1-E12:GLSEKLRHYE/	45	1
>PTCH1-E12:GLSEELRHYE/	85	>PTCH1-E12:GLSEKLRHYE/	96	11
>PTCH1-E12:GLSEELRHYE/	15	>PTCH1-E12:GLSEKLRHYE/	16	1
>PTCH1-E12:GLSEELRHY	342	>PTCH1-E12:GLSEKLRHY	382	40
>PTCH1-E12:GLSEELRHY	327	>PTCH1-E12:GLSEKLRHY	415	88
>PTCH1-E12:GLSEELRHY	205	>PTCH1-E12:GLSEKLRHY	243	38
>PTCH1-E12:SGLSEELR	773	>PTCH1-E12:SGLSEKLR	459	314
>PTCH1-E12:VSGLSEELRH'	438	>PTCH1-E12:VSGLSEKLRH'	552	114
>PTCH1-E12:VSGLSEEL	208	>PTCH1-E12:VSGLSEKL	142	66
>PTCH1-E12:VSGLSEELRH'	44	>PTCH1-E12:VSGLSEKLRH'	24	20
>PTCH1-E12:TVSGLSEEL	21	>PTCH1-E12:TVSGLSEKL	76	55
>PTCH1-E12:TVSGLSEE	19800	>PTCH1-E12:TVSGLSEK	263	19537
>PTCH1-E12:TVSGLSEE	16969	>PTCH1-E12:TVSGLSEK	19	16950
>PTCH1-E12:TVSGLSEELR	293	>PTCH1-E12:TVSGLSEKLR	683	390
>PTCH1-E12:TVSGLSEELR	97	>PTCH1-E12:TVSGLSEKLR	97	0
>PTCH1-E12:TVSGLSEELR	492	>PTCH1-E12:TVSGLSEKLR	819	327
>PTCH1-E12:TVSGLSEE	5680	>PTCH1-E12:TVSGLSEK	23	5657
>PTCH1-E12:TVSGLSEELR	4	>PTCH1-E12:TVSGLSEKLR	9	5
>PTCH1-E12:TVSGLSEEL	9	>PTCH1-E12:TVSGLSEKL	19	10
>PTCH1-E12:TTVSGLSEEL	266	>PTCH1-E12:TTVSGLSEKL	412	146
>PTCH1-E12:TTVSGLSEE	22091	>PTCH1-E12:TTVSGLSEK	465	21626
>PTCH1-E12:TTVSGLSEE	22119	>PTCH1-E12:TTVSGLSEK	26	22093
>PTCH1-E12:TTVSGLSEELF	319	>PTCH1-E12:TTVSGLSEKLF	680	361
>PTCH1-E12:TTVSGLSEE	84	>PTCH1-E12:TTVSGLSEK	207	123
>PTCH1-E12:TTVSGLSEEL	29	>PTCH1-E12:TTVSGLSEKL	39	10
>PTCH1-E12:TTVSGLSEELF	140	>PTCH1-E12:TTVSGLSEKLF	172	32
>PTCH1-E12:TTVSGLSEELF	281	>PTCH1-E12:TTVSGLSEKLF	437	156
>PTCH1-E12:TTVSGLSEE	2483	>PTCH1-E12:TTVSGLSEK	8	2475
>PTCH1-E12:TTVSGLSEELF	4	>PTCH1-E12:TTVSGLSEKLF	7	3
>PTCH1-E12:TTVSGLSEEL	155	>PTCH1-E12:TTVSGLSEKL	325	170
>PTCH1-E12:TTVSGLSEEL	143	>PTCH1-E12:TTVSGLSEKL	229	86
>PTCH1-E12:TTVSGLSEEL	23	>PTCH1-E12:TTVSGLSEKL	21	2
>PTCH1-E12:TTVSGLSEEL	875	>PTCH1-E12:TTVSGLSEKL	466	409
>PTCH1-E12:TTVSGLSEE	393	>PTCH1-E12:TTVSGLSEK	318	75
>PTCH1-E12:TTVSGLSEEL	580	>PTCH1-E12:TTVSGLSEKL	365	215
>PTCH1-E12:QTTVSGLSEE	24003	>PTCH1-E12:QTTVSGLSEK	276	23727
>PTCH1-E12:QTTVSGLSEE	31828	>PTCH1-E12:QTTVSGLSEK	50	31778
>PTCH1-E12:QTTVSGLSEE	15183	>PTCH1-E12:QTTVSGLSEK	381	14802
>PTCH1-E12:QTTVSGLSEE	24421	>PTCH1-E12:QTTVSGLSEK	93	24328
>PTCH1-E12:QTTVSGLSEE	221	>PTCH1-E12:QTTVSGLSEK	546	325
>PTCH1-E12:QTTVSGLSEE	23	>PTCH1-E12:QTTVSGLSEK	19	4
>PTCH1-E12:QTTVSGLSEE	327	>PTCH1-E12:QTTVSGLSEK	162	165
>PTCH1-E12:QTTVSGLSEE	363	>PTCH1-E12:QTTVSGLSEK	248	115

>PTCH1-E123;QTTVSGLSEE	13255	>PTCH1-E123;QTTVSGLSEK	401	12854
>PTCH1-E124;EAQQGAGGF	497	>PTCH1-E124;KAQQGAGGF	3846	3349
>PTCH1-E124;YEAQQGAGG	228	>PTCH1-E124;YKAQQGAGC	30377	30149
>PTCH1-E124;SGLSEELRHYI	23771	>PTCH1-E124;SGLSEELRHYI	101	23670
>PTCH1-E124;HYEAQQGA	4531	>PTCH1-E124;HYKAQQGA	17	4514
>PTCH1-E124;HYEAQQGAG	10429	>PTCH1-E124;HYKAQQGAG	94	10335
>PTCH1-E124;HYEAQQGAG	11525	>PTCH1-E124;HYKAQQGAG	202	11323
>PTCH1-E124;ELRHYEAAQQC	393	>PTCH1-E124;ELRHYEAAQQC	571	178
>PTCH1-E124;EELRHYEA	372	>PTCH1-E124;EELRHYKA	1172	800
>PTCH1-E124;EELRHYEA	7	>PTCH1-E124;EELRHYKA	11	4
>PTCH1-E124;EELRHYEAQ	177	>PTCH1-E124;EELRHYKAQ	315	138
>PTCH1-E124;SEELRHYEA	13	>PTCH1-E124;SEELRHYKA	25	12
>PTCH1-E124;SEELRHYEAQ	430	>PTCH1-E124;SEELRHYKAQ	488	58
>PTCH1-E124;LSEELRHYE	23548	>PTCH1-E124;LSEELRHYK	47	23501
>PTCH1-E124;LSEELRHYE	16483	>PTCH1-E124;LSEELRHYK	464	16019
>PTCH1-E124;LSEELRHYE	9474	>PTCH1-E124;LSEELRHYK	92	9382
>PTCH1-E124;LSEELRHYE	14901	>PTCH1-E124;LSEELRHYK	95	14806
>PTCH1-E124;GLSEELRHYE/	175	>PTCH1-E124;GLSEELRHYK/	538	363
>PTCH1-E124;GLSEELRHYE/	21	>PTCH1-E124;GLSEELRHYK/	40	19
>PTCH1-E124;GLSEELRHYE/	32	>PTCH1-E124;GLSEELRHYK/	49	17
>PTCH1-E124;GLSEELRHYE/	42	>PTCH1-E124;GLSEELRHYK/	81	39
>PTCH1-E124;GLSEELRHYE/	46	>PTCH1-E124;GLSEELRHYK/	89	43
>PTCH1-E124;GLSEELRHYE/	85	>PTCH1-E124;GLSEELRHYK/	129	44
>PTCH1-E124;GLSEELRHYE	2144	>PTCH1-E124;GLSEELRHYK	445	1699
>PTCH1-E124;GLSEELRHYE/	15	>PTCH1-E124;GLSEELRHYK/	25	10
>PTCH1-E124;GLSEELRHYE	24662	>PTCH1-E124;GLSEELRHYK	175	24487
>PTCH1-E124;GLSEELRHYE	32025	>PTCH1-E124;GLSEELRHYK	94	31931
>PTCH1-E23;EGAKLQSGT/	1112	>PTCH1-E23;KGAKLQSGT/	69	1043
>PTCH1-E23;EGAKLQSGT/	1045	>PTCH1-E23;KGAKLQSGT/	237	808
>PTCH1-E23;EGAKLQSGT/	2640	>PTCH1-E23;KGAKLQSGT/	270	2370
>PTCH1-E23;EGAKLQSGT/	84	>PTCH1-E23;KGAKLQSGT/	864	780
>PTCH1-E23;EGAKLQSGT/	994	>PTCH1-E23;KGAKLQSGT/	70	924
>PTCH1-E23;EGAKLQSGT/	153	>PTCH1-E23;KGAKLQSGT/	86	67
>PTCH1-E23;LIITPLDCFWE	22564	>PTCH1-E23;LIITPLDCFWK	52	22512
>PTCH1-E23;LIITPLDCFWE	12124	>PTCH1-E23;LIITPLDCFWK	73	12051
>PTCH1-E23;CFWEGAKL	103	>PTCH1-E23;CFWKGAKL	80	23
>PTCH1-E23;PLDCFWEGA	76	>PTCH1-E23;PLDCFWKGA	389	313
>PTCH1-E23;PLDCFWEGA/	71	>PTCH1-E23;PLDCFWKGA	116	45
>PTCH1-E23;TPLDCFWE	192	>PTCH1-E23;TPLDCFWKG	329	137
>PTCH1-E23;TPLDCFWE/	32	>PTCH1-E23;TPLDCFWKG/	37	5
>PTCH1-E23;ITPLDCFWE	25645	>PTCH1-E23;ITPLDCFWK	165	25480
>PTCH1-E23;ITPLDCFWE	12612	>PTCH1-E23;ITPLDCFWK	63	12549
>PTCH1-E23;ITPLDCFWE	83	>PTCH1-E23;ITPLDCFWK	191	108

>PTCH1-E23;ITPLDCFWE	90	>PTCH1-E23;ITPLDCFWK	51	39
>PTCH1-E23;ITPLDCFWE	6875	>PTCH1-E23;ITPLDCFWK	325	6550
>PTCH1-E23;IITPLDCFWE	20570	>PTCH1-E23;IITPLDCFWK	202	20368
>PTCH1-E23;IITPLDCFWE	28375	>PTCH1-E23;IITPLDCFWK	28	28347
>PTCH1-E23;IITPLDCFWE	18946	>PTCH1-E23;IITPLDCFWK	38	18908
>PTCH1-E66;EYDPHPTHVY	61	>PTCH1-E66;AYDPHPTHV\	66	5
>PTCH1-E66;EYDPHPTHV	4354	>PTCH1-E66;AYDPHPTHV	265	4089
>PTCH1-E66;EYDPHPTHVY	2983	>PTCH1-E66;AYDPHPTHVY	376	2607
>PTCH1-E66;EYDPHPTHVY	3388	>PTCH1-E66;AYDPHPTHVY	484	2904
>PTCH1-E66;EYDPHPTHVY	253	>PTCH1-E66;AYDPHPTHVY	7288	7035
>PTCH1-E66;EYDPHPTHVY	733	>PTCH1-E66;AYDPHPTHVY	279	454
>PTCH1-E66;EYDPHPTHVY	55	>PTCH1-E66;AYDPHPTHVY	31	24
>PTCH1-E66;EYDPHPTHVY	430	>PTCH1-E66;AYDPHPTHVY	106	324
>PTCH1-E66;EYDPHPTHVY	507	>PTCH1-E66;AYDPHPTHVY	158	349
>PTCH1-E66;EYDPHPTHVY	1417	>PTCH1-E66;AYDPHPTHVY	276	1141
>PTCH1-E66;EYDPHPTHVY	2035	>PTCH1-E66;AYDPHPTHVY	418	1617
>PTCH1-E66;EYDPHPTHVY	129	>PTCH1-E66;AYDPHPTHVY	123	6
>PTCH1-E66;TEYDPHPTHV	4951	>PTCH1-E66;TAYDPHPTHV	189	4762
>PTCH1-E66;TEYDPHPTHV	6317	>PTCH1-E66;TAYDPHPTHV	349	5968
>PTCH1-E66;TEYDPHPTHV	1202	>PTCH1-E66;TAYDPHPTHV	140	1062
>PTCH1-E66;TEYDPHPTHV	896	>PTCH1-E66;TAYDPHPTHV	44	852
>PTCH1-E66;TEYDPHPTHV	1736	>PTCH1-E66;TAYDPHPTHV	25	1711
>PTCH1-E66;TEYDPHPTHVY	8561	>PTCH1-E66;TAYDPHPTHV\	75	8486
>PTCH1-E66;TEYDPHPTHVY	2356	>PTCH1-E66;TAYDPHPTHV\	132	2224
>PTCH1-E66;TEYDPHPTHVY	4885	>PTCH1-E66;TAYDPHPTHV\	391	4494
>PTCH1-E66;TEYDPHPTHVY	87	>PTCH1-E66;TAYDPHPTHV\	23	64
>PTCH1-E66;TEYDPHPTHVY	341	>PTCH1-E66;TAYDPHPTHV\	105	236
>PTCH1-E66;TEYDPHPTHVY	2732	>PTCH1-E66;TAYDPHPTHV\	36	2696
>PTCH1-E66;TEYDPHPTHV	1356	>PTCH1-E66;TAYDPHPTHV	10	1346
>PTCH1-E66;TEYDPHPTHV	1532	>PTCH1-E66;TAYDPHPTHV	8	1524
>PTCH1-E66;TEYDPHPTHVY	132	>PTCH1-E66;TAYDPHPTHV\	88	44
>PTCH1-E66;TEYDPHPTHVY	346	>PTCH1-E66;TAYDPHPTHV\	202	144
>PTCH1-E66;TEYDPHPTHVY	181	>PTCH1-E66;TAYDPHPTHV\	174	7
>PTCH1-E66;TEYDPHPTHVY	198	>PTCH1-E66;TAYDPHPTHV\	136	62
>PTCH1-E66;TEYDPHPTHVY	116	>PTCH1-E66;TAYDPHPTHV\	77	39
>PTCH1-E66;TEYDPHPTHVY	9590	>PTCH1-E66;TAYDPHPTHV\	6	9584
>PTCH1-E66;TEYDPHPTHVY	7700	>PTCH1-E66;TAYDPHPTHV\	6	7694
>PTCH1-E66;TEYDPHPTH	210	>PTCH1-E66;TAYDPHPTH	19860	19650
>PTCH1-E66;TEYDPHPTHVY	131	>PTCH1-E66;TAYDPHPTHV\	24035	23904
>PTCH1-E66;TEYDPHPTHVY	19	>PTCH1-E66;TAYDPHPTHV\	6950	6931
>PTCH1-E66;TEYDPHPTHVY	6160	>PTCH1-E66;TAYDPHPTHV\	114	6046
>PTCH1-E66;TEYDPHPTHV	382	>PTCH1-E66;TAYDPHPTHV	23539	23157
>PTCH1-E66;TEYDPHPTHVY	253	>PTCH1-E66;TAYDPHPTHV\	17654	17401

>PTCH1-E66;TEYDPHTHV\	139	>PTCH1-E66;TAYDPHTHV\	21113	20974
>PTCH1-E66;TEYDPHTHV\	197	>PTCH1-E66;TAYDPHTHV\	27077	26880
>PTCH1-E66;TEYDPHTHV	314	>PTCH1-E66;TAYDPHTHV	36149	35835
>PTCH1-E66;TEYDPHTHV\	20620	>PTCH1-E66;TAYDPHTHV\	486	20134
>PTCH1-E66;TEYDPHTHV\	19326	>PTCH1-E66;TAYDPHTHV\	369	18957
>PTCH1-E66;TEYDPHTHV\	1833	>PTCH1-E66;TAYDPHTHV\	155	1678
>PTCH1-E66;TEYDPHTHV	59	>PTCH1-E66;TAYDPHTHV	25985	25926
>PTCH1-E66;TMQSTVQLR'	18741	>PTCH1-E66;TMQSTVQLR'	74	18667
>PTCH1-E66;TMQSTVQLR'	15928	>PTCH1-E66;TMQSTVQLR'	191	15737
>PTCH1-E66;TMQSTVQLR'	17195	>PTCH1-E66;TMQSTVQLR'	282	16913
>PTCH1-E66;TMQSTVQLR'	18592	>PTCH1-E66;TMQSTVQLR'	184	18408
>PTCH1-E66;RTEYDPHTHV\	28	>PTCH1-E66;RTAYDPHTHV\	72	44
>PTCH1-E66;RTEYDPHTHV\	2401	>PTCH1-E66;RTAYDPHTHV\	432	1969
>PTCH1-E66;RTEYDPHTHV\	2763	>PTCH1-E66;RTAYDPHTHV\	345	2418
>PTCH1-E66;RTEYDPHTHV\	1880	>PTCH1-E66;RTAYDPHTHV\	212	1668
>PTCH1-E66;RTEYDPHTHV\	483	>PTCH1-E66;RTAYDPHTHV\	15	468
>PTCH1-E66;RTEYDPHTHV\	314	>PTCH1-E66;RTAYDPHTHV\	25	289
>PTCH1-E66;RTEYDPHTH	1514	>PTCH1-E66;RTAYDPHTH	436	1078
>PTCH1-E66;RTEYDPHTHV\	17	>PTCH1-E66;RTAYDPHTHV\	7	10
>PTCH1-E66;RTEYDPHTH	621	>PTCH1-E66;RTAYDPHTH	258	363
>PTCH1-E66;RTEYDPHTHV\	159	>PTCH1-E66;RTAYDPHTHV\	48	111
>PTCH1-E66;RTEYDPHTHV\	227	>PTCH1-E66;RTAYDPHTHV\	21	206
>PTCH1-E66;RTEYDPHTHV\	2886	>PTCH1-E66;RTAYDPHTHV\	226	2660
>PTCH1-E66;RTEYDPHTHV\	69	>PTCH1-E66;RTAYDPHTHV\	12	57
>PTCH1-E66;RTEYDPHTHV\	784	>PTCH1-E66;RTAYDPHTHV\	79	705
>PTCH1-E66;RTEYDPHTHV\	1355	>PTCH1-E66;RTAYDPHTHV\	113	1242
>PTCH1-E66;RTEYDPHTH	1014	>PTCH1-E66;RTAYDPHTH	230	784
>PTCH1-E66;RTEYDPHTHV\	500	>PTCH1-E66;RTAYDPHTHV\	129	371
>PTCH1-E66;RTEYDPHTHV\	9	>PTCH1-E66;RTAYDPHTHV\	6	3
>PTCH1-E66;RTEYDPHTHV\	902	>PTCH1-E66;RTAYDPHTHV\	116	786
>PTCH1-E66;RTEYDPHTHV\	479	>PTCH1-E66;RTAYDPHTHV\	16	463
>PTCH1-E66;RTEYDPHTH	392	>PTCH1-E66;RTAYDPHTH	239	153
>PTCH1-E66;RTEYDPHTHV\	340	>PTCH1-E66;RTAYDPHTHV\	125	215
>PTCH1-E66;RTEYDPHTHV\	33	>PTCH1-E66;RTAYDPHTHV\	22	11
>PTCH1-E66;RTEYDPHTHV\	157	>PTCH1-E66;RTAYDPHTHV\	166	9
>PTCH1-E66;RTEYDPHTH	1751	>PTCH1-E66;RTAYDPHTH	376	1375
>PTCH1-E66;VQLRTEYDPH	617	>PTCH1-E66;VQLRTEYDPH	343	274
>PTCH1-E66;VQLRTEYDPH	390	>PTCH1-E66;VQLRTEYDPH	272	118
>PTCH1-E66;TVQLRTEY	459	>PTCH1-E66;TVQLRTAY	419	40
>PTCH1-E66;TVQLRTEY	415	>PTCH1-E66;TVQLRTAY	334	81
>PTCH1-E66;TVQLRTEY	987	>PTCH1-E66;TVQLRTAY	498	489
>PTCH1-E66;TVQLRTEY	1519	>PTCH1-E66;TVQLRTAY	495	1024
>PTCH1-E66;STVQLRTEY	120	>PTCH1-E66;STVQLRTAY	62	58



>PTCH1-E667STVQLRTEY	293	>PTCH1-E667STVQLRTAY	94	199
>PTCH1-E667STVQLRTEY	32	>PTCH1-E667STVQLRTAY	12	20
>PTCH1-E667STVQLRTEY	245	>PTCH1-E667STVQLRTAY	40	205
>PTCH1-E667STVQLRTEY	142	>PTCH1-E667STVQLRTAY	111	31
>PTCH1-E667STVQLRTEY	164	>PTCH1-E667STVQLRTAY	96	68
>PTCH1-E667STVQLRTEY	224	>PTCH1-E667STVQLRTAY	390	166
>PTCH1-E667STVQLRTEY	428	>PTCH1-E667STVQLRTAY	1326	898
>PTCH1-E667STVQLRTEY	223	>PTCH1-E667STVQLRTAY	82	141
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>PTCH1-E667STVQLRTEY	5	>PTCH1-E667STVQLRTAY	6	1
>PTCH1-E667STVQLRTEY	136	>PTCH1-E667STVQLRTAY	52	84
>PTCH1-E667QSTVQLRTEY	947	>PTCH1-E667QSTVQLRTAY	426	521
>PTCH1-E667QSTVQLRTEY	29	>PTCH1-E667QSTVQLRTAY	46	17
>PTCH1-E667QSTVQLRTEY	46	>PTCH1-E667QSTVQLRTAY	71	25
>PTCH1-E667MQSTVQLRT	18924	>PTCH1-E667MQSTVQLRT	289	18635
>PTCH1-E667MQSTVQLRT	237	>PTCH1-E667MQSTVQLRT	203	34
>PTCH1-E667MQSTVQLRT	74	>PTCH1-E667MQSTVQLRT	57	17
>PTCH1-E667MQSTVQLRT	58	>PTCH1-E667MQSTVQLRT	44	14
>PTCH1-E667MQSTVQLRT	8	>PTCH1-E667MQSTVQLRT	5	3
>PTCH1-E667MQSTVQLRT	834	>PTCH1-E667MQSTVQLRT	276	558
>PTCH1-E667MQSTVQLRT	145	>PTCH1-E667MQSTVQLRT	58	87
>PTCH1-E992EKVRTICSNY	117	>PTCH1-E992GKVRTICSNY	10998	10881
>PTCH1-E992EKVRTICSNY	331	>PTCH1-E992GKVRTICSNY	250	81
>PTCH1-E992EKVRTICSNY	20	>PTCH1-E992GKVRTICSNY	15	5
>PTCH1-E992IEKVRTICSNY	1796	>PTCH1-E992IGKVRTICSNY	290	1506
>PTCH1-E992IEKVRTICSNY	198	>PTCH1-E992IGKVRTICSNY	1140	942
>PTCH1-E992IEKVRTICSNY	367	>PTCH1-E992IGKVRTICSNY	23278	22911
>PTCH1-E992IEKVRTICSNY	413	>PTCH1-E992IGKVRTICSNY	21295	20882
>PTCH1-E992IEKVRTICSNY	878	>PTCH1-E992IGKVRTICSNY	177	701
>PTCH1-E992AIEKVRTI	522	>PTCH1-E992AIGKVRTI	257	265
>PTCH1-E992EAIEKVRTI	625	>PTCH1-E992EAIGKVRTI	400	225
>PTCH1-E992EAIEKVRTI	344	>PTCH1-E992EAIGKVRTI	406	62
>PTCH1-E992EAIEKVRTI	406	>PTCH1-E992EAIGKVRTI	3122	2716
>PTCH1-E992VEAIEKVR	3695	>PTCH1-E992VEAIGKVR	275	3420
>PTCH1-E992VEAIEKVRTI	22	>PTCH1-E992VEAIGKVRTI	21	1
>PTCH1-E992VEAIEKVRTI	77	>PTCH1-E992VEAIGKVRTI	215	138
>PTCH1-E992FVEAIEKV	54	>PTCH1-E992FVEAIGKV	147	93
>PTCH1-E992FVEAIEKV	384	>PTCH1-E992FVEAIGKV	133	251
>PTCH1-E992FVEAIEKV	48	>PTCH1-E992FVEAIGKV	74	26
>PTCH1-E992FVEAIEKV	136	>PTCH1-E992FVEAIGKV	219	83
>PTCH1-E992FVEAIEKV	10	>PTCH1-E992FVEAIGKV	15	5
>PTCH1-E992FVEAIEKVR	51	>PTCH1-E992FVEAIGKVR	118	67

>PTCH1-E992FVEAIEKV	62	>PTCH1-E992FVEAIGKV	103	41
>PTCH1-E992DFVEAIEKVR	355	>PTCH1-E992DFVEAIGKVR	204	151
>PTCH1-E992DFVEAIEK	309	>PTCH1-E992DFVEAIGK	469	160
>PTCH1-E992DFVEAIEKVR	365	>PTCH1-E992DFVEAIGKVR	184	181
>PTCH1-E992SDFVEAIEKV	172	>PTCH1-E992SDFVEAIGKV	744	572
>PTCH1-E992SDFVEAIEKV	43	>PTCH1-E992SDFVEAIGKV	35	8
>PTCH1-E992TSDFVEAIEK	30	>PTCH1-E992TSDFVEAIGK	57	27
>PTCH1-E992TSDFVEAIEK	36	>PTCH1-E992TSDFVEAIGK	41	5
>PTCH1-E992TSDFVEAIEK\	172	>PTCH1-E992TSDFVEAIG\	392	220
>PTCH1-E992DTSDVFVEAIEI	220	>PTCH1-E992DTSDVFVEAIGI	356	136
>PTCH1-E992DTSDVFVEAIEI	7	>PTCH1-E992DTSDVFVEAIGI	9	2
>PTCH1-E992DTSDVFVEAIEI	474	>PTCH1-E992DTSDVFVEAIGI	655	181
>PTCH1-F743FLLKPKAKV	27	>PTCH1-F743LLLKPKAKV	276	249
>PTCH1-F743FLLKPKAKVV\	23	>PTCH1-F743LLLKPKAKVV\	250	227
>PTCH1-F743FLLKPKAKV	46	>PTCH1-F743LLLKPKAKV	525	479
>PTCH1-F743FLLKPKAKVV	429	>PTCH1-F743LLLKPKAKVV	1801	1372
>PTCH1-F743FLLKPKAKVV\	64	>PTCH1-F743LLLKPKAKVV\	646	582
>PTCH1-F743FLLKPKAKV	31	>PTCH1-F743LLLKPKAKV	346	315
>PTCH1-F743FLLKPKAKVV	50	>PTCH1-F743LLLKPKAKVV	197	147
>PTCH1-F743FLLKPKAKVV\	59	>PTCH1-F743LLLKPKAKVV\	623	564
>PTCH1-F743FLLKPKAKV	31	>PTCH1-F743LLLKPKAKV	554	523
>PTCH1-F743FLLKPKAKVV\	19	>PTCH1-F743LLLKPKAKVV\	294	275
>PTCH1-F743FLLKPKAKV	2	>PTCH1-F743LLLKPKAKV	3	1
>PTCH1-F743FLLKPKAKVV	2	>PTCH1-F743LLLKPKAKVV	4	2
>PTCH1-F743FLLKPKAKVV\	2	>PTCH1-F743LLLKPKAKVV\	3	1
>PTCH1-F743FLLKPKAKV	5	>PTCH1-F743LLLKPKAKV	18	13
>PTCH1-F743FLLKPKAKVV	6	>PTCH1-F743LLLKPKAKVV	22	16
>PTCH1-F743FLLKPKAKVV\	4	>PTCH1-F743LLLKPKAKVV\	12	8
>PTCH1-F743FLLKPKAKV	5	>PTCH1-F743LLLKPKAKV	9	4
>PTCH1-F743FLLKPKAKVV	7	>PTCH1-F743LLLKPKAKVV	17	10
>PTCH1-F743FLLKPKAKVV\	5	>PTCH1-F743LLLKPKAKVV\	8	3
>PTCH1-F743FLLKPKAKV	6	>PTCH1-F743LLLKPKAKV	8	2
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>PTCH1-F743FLLKPKAKVV\	4	>PTCH1-F743LLLKPKAKVV\	10	6
>PTCH1-F743FLLKPKAKV	2	>PTCH1-F743LLLKPKAKV	3	1
>PTCH1-F743FLLKPKAKVV	3	>PTCH1-F743LLLKPKAKVV	6	3
>PTCH1-F743FLLKPKAKVV\	2	>PTCH1-F743LLLKPKAKVV\	4	2
>PTCH1-F743FLLKPKAK	428	>PTCH1-F743LLLKPKAK	151	277
>PTCH1-F743FLLKPKAKV	24	>PTCH1-F743LLLKPKAKV	332	308
>PTCH1-F743FLLKPKAKVV	421	>PTCH1-F743LLLKPKAKVV	3020	2599
>PTCH1-F743FLLKPKAKVV\	108	>PTCH1-F743LLLKPKAKVV\	1351	1243
>PTCH1-F743PFLKPKAKV	13183	>PTCH1-F743PLLLKPKAKV	58	13125
>PTCH1-F743PFLKPKAKV\	17967	>PTCH1-F743PLLLKPKAKV\	173	17794

>PTCH1-F74:PFLLLPKAKV	14679	>PTCH1-F74:PLLLLPKAKV	175	14504
>PTCH1-F74:PFLLLPKAKV	17579	>PTCH1-F74:PLLLLPKAKV	79	17500
>PTCH1-F74:PFLLLPKAKV\	19900	>PTCH1-F74:PLLLLPKAKV\	161	19739
>PTCH1-F74:PFLLLPKAKV	17732	>PTCH1-F74:PLLLLPKAKV	37	17695
>PTCH1-F74:PFLLLPKAKV\	23524	>PTCH1-F74:PLLLLPKAKV\	78	23446
>PTCH1-F74:SSFAEKHYAP	127	>PTCH1-F74:SSFAEKHYAP	83	44
>PTCH1-F74:SSFAEKHYAP	9279	>PTCH1-F74:SSFAEKHYAP	179	9100
>PTCH1-F74:SSFAEKHYAP	3148	>PTCH1-F74:SSFAEKHYAP	394	2754
>PTCH1-F74:SSFAEKHYAP	150	>PTCH1-F74:SSFAEKHYAP	625	475
>PTCH1-F74:SSFAEKHYAP	8710	>PTCH1-F74:SSFAEKHYAP	71	8639
>PTCH1-F74:SSFAEKHYAP	10903	>PTCH1-F74:SSFAEKHYAP	494	10409
>PTCH1-F74:SSFAEKHYAP	54	>PTCH1-F74:SSFAEKHYAP	674	620
>PTCH1-F74:SSFAEKHYAP	8	>PTCH1-F74:SSFAEKHYAP	137	129
>PTCH1-F74:SSFAEKHYAP	6	>PTCH1-F74:SSFAEKHYAP	15	9
>PTCH1-F74:SSFAEKHYAP	6509	>PTCH1-F74:SSFAEKHYAP	289	6220
>PTCH1-F74:SSFAEKHYAP	261	>PTCH1-F74:SSFAEKHYAP	3284	3023
>PTCH1-F74:SSFAEKHYAP	225	>PTCH1-F74:SSFAEKHYAP	4562	4337
>PTCH1-F74:SSFAEKHYAP	510	>PTCH1-F74:SSFAEKHYAP	295	215
>PTCH1-F74:SSFAEKHYAP	141	>PTCH1-F74:SSFAEKHYAP	1200	1059
>PTCH1-F74:SSFAEKHYAP	2849	>PTCH1-F74:SSFAEKHYAP	142	2707
>PTCH1-F74:APFLLLPKA	183	>PTCH1-F74:APLLLPKA	245	62
>PTCH1-F74:HYAPFLLLK	173	>PTCH1-F74:HYAPLLLK	522	349
>PTCH1-F74:HYAPFLLLK	391	>PTCH1-F74:HYAPLLLK	636	245
>PTCH1-F74:HYAPFLLLK	20	>PTCH1-F74:HYAPLLLK	35	15
>PTCH1-F74:HYAPFLLLKPK	23	>PTCH1-F74:HYAPLLLKPK	42	19
>PTCH1-F74:HYAPFLLLK	241	>PTCH1-F74:HYAPLLLK	505	264
>PTCH1-F74:HYAPFLLLK	141	>PTCH1-F74:HYAPLLLK	341	200
>PTCH1-F74:HYAPFLLLK	21	>PTCH1-F74:HYAPLLLK	45	24
>PTCH1-F74:HYAPFLLLKPK	25	>PTCH1-F74:HYAPLLLKPK	39	14
>PTCH1-F74:KHYAPFLLLK	51	>PTCH1-F74:KHYAPLLLK	70	19
>PTCH1-F74:KHYAPFLLLKPI	422	>PTCH1-F74:KHYAPLLLKPI	604	182
>PTCH1-F74:KHYAPFLLLK	104	>PTCH1-F74:KHYAPLLLK	254	150
>PTCH1-F74:KHYAPFLLLK	309	>PTCH1-F74:KHYAPLLLK	420	111
>PTCH1-F74:KHYAPFLLLKPI	475	>PTCH1-F74:KHYAPLLLKPI	629	154
>PTCH1-F74:KHYAPFLL	149	>PTCH1-F74:KHYAPLLL	167	18
>PTCH1-F74:KHYAPFLLLKPI	445	>PTCH1-F74:KHYAPLLLKPI	874	429
>PTCH1-F74:KHYAPFLL	371	>PTCH1-F74:KHYAPLLL	474	103
>PTCH1-F74:KHYAPFLL	75	>PTCH1-F74:KHYAPLLL	139	64
>PTCH1-F74:KHYAPFLL	445	>PTCH1-F74:KHYAPLLL	535	90
>PTCH1-F74:KHYAPFLLLK	45	>PTCH1-F74:KHYAPLLLK	276	231
>PTCH1-F74:KHYAPFLLLKPI	102	>PTCH1-F74:KHYAPLLLKPI	251	149
>PTCH1-F74:EKHYAPFL	356	>PTCH1-F74:EKHYAPLL	428	72
>PTCH1-F74:EKHYAPFLL	597	>PTCH1-F74:EKHYAPLLL	290	307

>PTCH1-F74E EKHYAPFLL	417	>PTCH1-F74E EKHYAPLLL	722	305
>PTCH1-F74E AEKHYAPF	2262	>PTCH1-F74E AEKHYAPL	420	1842
>PTCH1-F74E AEKHYAPFL	31	>PTCH1-F74E AEKHYAPLL	163	132
>PTCH1-F74E AEKHYAPFLL	242	>PTCH1-F74E AEKHYAPLLL	359	117
>PTCH1-F74E AEKHYAPFLLI	211	>PTCH1-F74E AEKHYAPLLLI	323	112
>PTCH1-F74E AEKHYAPF	88	>PTCH1-F74E AEKHYAPL	1497	1409
>PTCH1-F74E AEKHYAPF	16	>PTCH1-F74E AEKHYAPL	263	247
>PTCH1-F74E AEKHYAPF	266	>PTCH1-F74E AEKHYAPL	28	238
>PTCH1-F74E AEKHYAPFL	30	>PTCH1-F74E AEKHYAPLL	29	1
>PTCH1-F74E AEKHYAPF	54	>PTCH1-F74E AEKHYAPL	24	30
>PTCH1-F74E AEKHYAPFL	25	>PTCH1-F74E AEKHYAPLL	39	14
>PTCH1-F74E AEKHYAPFLL	64	>PTCH1-F74E AEKHYAPLLL	165	101
>PTCH1-F74E AEKHYAPF	294	>PTCH1-F74E AEKHYAPL	1457	1163
>PTCH1-F74E AEKHYAPFLL	59	>PTCH1-F74E AEKHYAPLLL	109	50
>PTCH1-F74E AEKHYAPF	64	>PTCH1-F74E AEKHYAPL	342	278
>PTCH1-F74E AEKHYAPFL	44	>PTCH1-F74E AEKHYAPLL	68	24
>PTCH1-F74E AEKHYAPFLL	337	>PTCH1-F74E AEKHYAPLLL	316	21
>PTCH1-F74E AEKHYAPF	162	>PTCH1-F74E AEKHYAPL	67	95
>PTCH1-F74E AEKHYAPFL	61	>PTCH1-F74E AEKHYAPLL	134	73
>PTCH1-F74E AEKHYAPFLL	405	>PTCH1-F74E AEKHYAPLLL	429	24
>PTCH1-F74E AEKHYAPFLLI	333	>PTCH1-F74E AEKHYAPLLLI	786	453
>PTCH1-F74E AEKHYAPFL	20	>PTCH1-F74E AEKHYAPLL	9	11
>PTCH1-F74E AEKHYAPFLL	86	>PTCH1-F74E AEKHYAPLLL	152	66
>PTCH1-F74E FAEKHYAPF	412	>PTCH1-F74E FAEKHYAPL	274	138
>PTCH1-F74E FAEKHYAPF	10763	>PTCH1-F74E FAEKHYAPL	150	10613
>PTCH1-F74E FAEKHYAPFLI	123	>PTCH1-F74E FAEKHYAPLLI	563	440
>PTCH1-F74E FAEKHYAPF	1529	>PTCH1-F74E FAEKHYAPL	204	1325
>PTCH1-F74E FAEKHYAPFLI	295	>PTCH1-F74E FAEKHYAPLLI	1257	962
>PTCH1-F74E FAEKHYAPF	135	>PTCH1-F74E FAEKHYAPL	47	88
>PTCH1-F74E FAEKHYAPF	245	>PTCH1-F74E FAEKHYAPL	6075	5830
>PTCH1-F74E FAEKHYAPF	58	>PTCH1-F74E FAEKHYAPL	1670	1612
>PTCH1-F74E FAEKHYAPF	60	>PTCH1-F74E FAEKHYAPL	1334	1274
>PTCH1-F74E FAEKHYAPF	28	>PTCH1-F74E FAEKHYAPL	159	131
>PTCH1-F74E FAEKHYAPF	7014	>PTCH1-F74E FAEKHYAPL	212	6802
>PTCH1-F74E FAEKHYAPF	672	>PTCH1-F74E FAEKHYAPL	348	324
>PTCH1-F74E FAEKHYAPFL	135	>PTCH1-F74E FAEKHYAPLL	147	12
>PTCH1-F74E FAEKHYAPFLI	165	>PTCH1-F74E FAEKHYAPLLI	318	153
>PTCH1-F74E FAEKHYAPF	62	>PTCH1-F74E FAEKHYAPL	580	518
>PTCH1-F74E SFAEKHYAPF	116	>PTCH1-F74E SFAEKHYAPLI	243	127
>PTCH1-F74E SFAEKHYAPF	39	>PTCH1-F74E SFAEKHYAPL	658	619
>PTCH1-F74E SFAEKHYAPF	392	>PTCH1-F74E SFAEKHYAPLI	923	531
>PTCH1-F74E SFAEKHYAPF	411	>PTCH1-F74E SFAEKHYAPL	7347	6936
>PTCH1-F74E SFAEKHYAPF	458	>PTCH1-F74E SFAEKHYAPL	6545	6087

>PTCH1-F74!SFAEKHYAPF	359	>PTCH1-F74!SFAEKHYAPL	4314	3955
>PTCH1-F74!SFAEKHYAPF	472	>PTCH1-F74!SFAEKHYAPL	501	29
>PTCH1-F74!SFAEKHYAPF	1567	>PTCH1-F74!SFAEKHYAPL	329	1238
>PTCH1-F74!SFAEKHYAPF	202	>PTCH1-F74!SFAEKHYAPL	645	443
>PTCH1-G11!GLKAANLETN	842	>PTCH1-G11!KLKAANLETN	237	605
>PTCH1-G11!GLKAANLETN	47	>PTCH1-G11!KLKAANLETN	33	14
>PTCH1-G11!GLKAANLETN	8	>PTCH1-G11!KLKAANLETN	6	2
>PTCH1-G11!GLKAANLETN	257	>PTCH1-G11!KLKAANLETN	111	146
>PTCH1-G11!GLKAANLETN	142	>PTCH1-G11!KLKAANLETN	143	1
>PTCH1-G11!GLKAANLETN	73	>PTCH1-G11!KLKAANLETN	65	8
>PTCH1-G11!GLKAANLETN	5	>PTCH1-G11!KLKAANLETN	5	0
>PTCH1-G11!GLKAANLET	4624	>PTCH1-G11!KLKAANLET	86	4538
>PTCH1-G11!GLKAANLETN	2411	>PTCH1-G11!KLKAANLETN	97	2314
>PTCH1-G11!VGLKAANL	50	>PTCH1-G11!VKLKAANL	370	320
>PTCH1-G11!VGLKAANL	6695	>PTCH1-G11!VKLKAANL	67	6628
>PTCH1-G11!GLLIFGAFAVL	19947	>PTCH1-G11!GLLIFGAFAVL	127	19820
>PTCH1-G11!GLLIFGAFAVL	26416	>PTCH1-G11!GLLIFGAFAVL	64	26352
>PTCH1-G11!AVGLKAANL	9076	>PTCH1-G11!AVKLKAANL	115	8961
>PTCH1-G11!AVGLKAANL	1094	>PTCH1-G11!AVKLKAANL	203	891
>PTCH1-G11!FAVGLKAA	116	>PTCH1-G11!FAVKLKAA	374	258
>PTCH1-G11!FAVGLKAANL	272	>PTCH1-G11!FAVKLKAANL	1052	780
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>PTCH1-G11!FAVGLKAANL	277	>PTCH1-G11!FAVKLKAANL	660	383
>PTCH1-G11!FAVGLKAANL	41	>PTCH1-G11!FAVKLKAANL	83	42
>PTCH1-G11!FAVGLKAA	17	>PTCH1-G11!FAVKLKAA	33	16
>PTCH1-G11!GAFAVGLK	93	>PTCH1-G11!GAFAVKLK	172	79
>PTCH1-G11!GAFAVGLK	13	>PTCH1-G11!GAFAVKLK	19	6
>PTCH1-G11!GAFAVGLK	357	>PTCH1-G11!GAFAVKLK	475	118
>PTCH1-G11!GAFAVGLK	71	>PTCH1-G11!GAFAVKLK	106	35
>PTCH1-G11!FGAFAVGL	76	>PTCH1-G11!FGAFAVKL	145	69
>PTCH1-G11!FGAFAVGLK	104	>PTCH1-G11!FGAFAVKLK	240	136
>PTCH1-G11!FGAFAVGL	252	>PTCH1-G11!FGAFAVKL	919	667
>PTCH1-G11!IFGAFAVGLK	267	>PTCH1-G11!IFGAFAVKLK	532	265
>PTCH1-G11!IFGAFAVGL	492	>PTCH1-G11!IFGAFAVKL	193	299
>PTCH1-G11!IFGAFAVGLK	90	>PTCH1-G11!IFGAFAVKLK	87	3
>PTCH1-G11!IFGAFAVG	22813	>PTCH1-G11!IFGAFAVK	115	22698
>PTCH1-G11!IFGAFAVGLK	278	>PTCH1-G11!IFGAFAVKLK	155	123
>PTCH1-G11!LIFGAFAVGL	469	>PTCH1-G11!LIFGAFAVKL	1292	823
>PTCH1-G11!LIFGAFAVGL	48	>PTCH1-G11!LIFGAFAVKL	66	18
>PTCH1-G11!LIFGAFAVGL	129	>PTCH1-G11!LIFGAFAVKL	277	148
>PTCH1-G11!LIFGAFAVGL	126	>PTCH1-G11!LIFGAFAVKL	311	185
>PTCH1-G11!LIFGAFAVGL	17	>PTCH1-G11!LIFGAFAVKL	36	19
>PTCH1-G11!LIFGAFAVGL	103	>PTCH1-G11!LIFGAFAVKL	188	85

>PTCH1-G11!LIFGAFVGL	372	>PTCH1-G11!LIFGAFVKL	1174	802
>PTCH1-G11!LIFGAFVGL	6	>PTCH1-G11!LIFGAFVKL	8	2
>PTCH1-G11!LIFGAFVGL	18434	>PTCH1-G11!LIFGAFVAVK	54	18380
>PTCH1-G11!LIFGAFVGLI	43	>PTCH1-G11!LIFGAFVAVKLK	63	20
>PTCH1-G11!LIFGAFVGL	24851	>PTCH1-G11!LIFGAFVAVK	31	24820
>PTCH1-G11!LIFGAFVGLI	24	>PTCH1-G11!LIFGAFVAVKLK	34	10
>PTCH1-G11!LIFGAFVGL	7163	>PTCH1-G11!LIFGAFVAVK	46	7117
>PTCH1-G11!LIFGAFVGLI	59	>PTCH1-G11!LIFGAFVAVKLK	69	10
>PTCH1-G11!LIFGAFVGL	197	>PTCH1-G11!LIFGAFVAVKL	175	22
>PTCH1-G11!LIFGAFVGL	18090	>PTCH1-G11!LIFGAFVAVK	29	18061
>PTCH1-G11!LIFGAFVGLI	19	>PTCH1-G11!LIFGAFVAVKLK	32	13
>PTCH1-G11!LIFGAFVGL	258	>PTCH1-G11!LIFGAFVAVKL	498	240
>PTCH1-G11!LIFGAFVGL	278	>PTCH1-G11!LIFGAFVAVKL	926	648
>PTCH1-G11!LIFGAFVGL	259	>PTCH1-G11!LIFGAFVAVK	3178	2919
>PTCH1-G11!LIFGAFVGL	490	>PTCH1-G11!LIFGAFVAVKL	1602	1112
>PTCH1-G11!LLIFGAFVGL	36	>PTCH1-G11!LLIFGAFVAVKL	55	19
>PTCH1-G11!LLIFGAFVGL	18	>PTCH1-G11!LLIFGAFVAVKL	21	3
>PTCH1-G11!LLIFGAFVGL	27	>PTCH1-G11!LLIFGAFVAVKL	44	17
>PTCH1-G11!LLIFGAFVGL	26	>PTCH1-G11!LLIFGAFVAVKL	72	46
>PTCH1-G11!LLIFGAFVGL	9	>PTCH1-G11!LLIFGAFVAVKL	18	9
>PTCH1-G11!LLIFGAFVGL	10	>PTCH1-G11!LLIFGAFVAVKL	28	18
>PTCH1-G11!LLIFGAFVGL	45	>PTCH1-G11!LLIFGAFVAVKL	68	23
>PTCH1-G11!LLIFGAFVGL	37	>PTCH1-G11!LLIFGAFVAVKL	115	78
>PTCH1-G11!LLIFGAFVGL	3	>PTCH1-G11!LLIFGAFVAVKL	4	1
>PTCH1-G11!LLIFGAFVGL	8598	>PTCH1-G11!LLIFGAFVAVK	24	8574
>PTCH1-G11!LLIFGAFVGL	32764	>PTCH1-G11!LLIFGAFVAVK	73	32691
>PTCH1-G11!LLIFGAFVGL	25387	>PTCH1-G11!LLIFGAFVAVK	145	25242
>PTCH1-G11!LLIFGAFVGL	333	>PTCH1-G11!LLIFGAFVAVK	3367	3034
>PTCH1-G11!GVLNGLVLL	170	>PTCH1-G11!SVLNGLVLL	84	86
>PTCH1-G11!GVLNGLVLLP	29	>PTCH1-G11!SVLNGLVLLP	18	11
>PTCH1-G11!GVLNGLVLL	711	>PTCH1-G11!SVLNGLVLL	496	215
>PTCH1-G11!GVLNGLVLLP	659	>PTCH1-G11!SVLNGLVLLP	475	184
>PTCH1-G11!GVLNGLVLLP	76	>PTCH1-G11!SVLNGLVLLP	56	20
>PTCH1-G11!GVLNGLVLL	307	>PTCH1-G11!SVLNGLVLL	101	206
>PTCH1-G11!GVLNGLVLL	23	>PTCH1-G11!SVLNGLVLL	11	12
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>PTCH1-G11!GVLNGLVLL	229	>PTCH1-G11!SVLNGLVLL	91	138
>PTCH1-G11!GVLNGLVLLP	10	>PTCH1-G11!SVLNGLVLLP	6	4
>PTCH1-G11!GVLNGLVLL	398	>PTCH1-G11!SVLNGLVLL	673	275
>PTCH1-G11!GVLNGLVLL	156	>PTCH1-G11!SVLNGLVLL	332	176
>PTCH1-G11!GVLNGLVLLP	14	>PTCH1-G11!SVLNGLVLLP	21	7
>PTCH1-G11!GVLNGLVLL	397	>PTCH1-G11!SVLNGLVLL	165	232

>PTCH1-G11 GVLNGLVLL	101	>PTCH1-G11 SVLNGLVLL	42	59
>PTCH1-G11 GVLNGLVLLP	11	>PTCH1-G11 SVLNGLVLLP	8	3
>PTCH1-G11 GVLNGLVLLP	140	>PTCH1-G11 SVLNGLVLLP	122	18
>PTCH1-G11 GVLNGLVL	629	>PTCH1-G11 SVLNGLVL	269	360
>PTCH1-G11 GVLNGLVLL	106	>PTCH1-G11 SVLNGLVLL	48	58
>PTCH1-G11 GVLNGLVLLP	14	>PTCH1-G11 SVLNGLVLLP	9	5
>PTCH1-G11 GVLNGLVLLP	2195	>PTCH1-G11 SVLNGLVLLP	444	1751
>PTCH1-G11 GVLNGLVLLP	3756	>PTCH1-G11 SVLNGLVLLP	83	3673
>PTCH1-G11 GVLNGLVLL	5537	>PTCH1-G11 SVLNGLVLL	141	5396
>PTCH1-G11 GVLNGLVLLP	167	>PTCH1-G11 SVLNGLVLLP	7	160
>PTCH1-G11 GVLNGLVLL	245	>PTCH1-G11 SVLNGLVLL	251	6
>PTCH1-G11 LGVNGLVL	99	>PTCH1-G11 LSVLNGLVL	43	56
>PTCH1-G11 LGVNGLVL	5297	>PTCH1-G11 LSVLNGLVL	453	4844
>PTCH1-G11 LGVNGLVL	2114	>PTCH1-G11 LSVLNGLVL	11	2103
>PTCH1-G11 LGVNGLVLL	4557	>PTCH1-G11 LSVLNGLVLL	17	4540
>PTCH1-G11 LGVNGLVLL	5107	>PTCH1-G11 LSVLNGLVLL	240	4867
>PTCH1-G11 LGVNGLVLL	893	>PTCH1-G11 LSVLNGLVLL	60	833
>PTCH1-G11 ILGVLNGL	919	>PTCH1-G11 ILSVLNGL	347	572
>PTCH1-G11 ILGVLNGLV	1215	>PTCH1-G11 ILSVLNGLV	462	753
>PTCH1-G11 ILGVLNGLVL	654	>PTCH1-G11 ILSVLNGLVL	469	185
>PTCH1-G11 ILGVLNGLVLL	381	>PTCH1-G11 ILSVLNGLVLL	156	225
>PTCH1-G11 ILGVLNGL	58	>PTCH1-G11 ILSVLNGL	7	51
>PTCH1-G11 ILGVLNGLV	97	>PTCH1-G11 ILSVLNGLV	10	87
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>PTCH1-G11 ILGVLNGLVLL	56	>PTCH1-G11 ILSVLNGLVLL	7	49
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>PTCH1-G11 ILGVLNGLV	187	>PTCH1-G11 ILSVLNGLV	22	165
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>PTCH1-G11 ILGVLNGLVLL	1426	>PTCH1-G11 ILSVLNGLVLL	491	935
>PTCH1-G11 ILGVLNGL	69	>PTCH1-G11 ILSVLNGL	112	43
>PTCH1-G11 ILGVLNGLV	36	>PTCH1-G11 ILSVLNGLV	61	25
>PTCH1-G11 ILGVLNGLVL	303	>PTCH1-G11 ILSVLNGLVL	461	158
>PTCH1-G11 ILGVLNGLVLL	111	>PTCH1-G11 ILSVLNGLVLL	172	61
>PTCH1-G11 ILGVLNGL	131	>PTCH1-G11 ILSVLNGL	176	45
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>PTCH1-G11 ILGVLNGLVLL	333	>PTCH1-G11 ILSVLNGLVLL	444	111
>PTCH1-G11 ILGVLNGL	150	>PTCH1-G11 ILSVLNGL	188	38
>PTCH1-G11 ILGVLNGLV	65	>PTCH1-G11 ILSVLNGLV	72	7
>PTCH1-G11 ILGVLNGLVLL	143	>PTCH1-G11 ILSVLNGLVLL	173	30
>PTCH1-G11 ILGVLNGL	140	>PTCH1-G11 ILSVLNGL	107	33
>PTCH1-G11 ILGVLNGLV	260	>PTCH1-G11 ILSVLNGLV	205	55

>PTCH1-G11 ILGVLNGLVLL	377	>PTCH1-G11 ILSVLNGLVLL	274	103
>PTCH1-G11 ILGVLNGL	21	>PTCH1-G11 ILSVLNGL	15	6
>PTCH1-G11 ILGVLNGLV	9	>PTCH1-G11 ILSVLNGLV	8	1
>PTCH1-G11 ILGVLNGLVL	77	>PTCH1-G11 ILSVLNGLVL	53	24
>PTCH1-G11 ILGVLNGLVLL	20	>PTCH1-G11 ILSVLNGLVLL	15	5
>PTCH1-G11 TILGVLNGL	311	>PTCH1-G11 TILSVLNGL	236	75
>PTCH1-G11 TILGVLNGLV	247	>PTCH1-G11 TILSVLNGLV	310	63
>PTCH1-G11 TILGVLNGL	137	>PTCH1-G11 TILSVLNGL	112	25
>PTCH1-G11 TILGVLNGLV	289	>PTCH1-G11 TILSVLNGLV	173	116
>PTCH1-G11 TILGVLNGL	349	>PTCH1-G11 TILSVLNGL	238	111
>PTCH1-G11 TILGVLNGLV	74	>PTCH1-G11 TILSVLNGLV	59	15
>PTCH1-G11 TILGVLNGL	26	>PTCH1-G11 TILSVLNGL	32	6
>PTCH1-G11 TILGVLNGLV	80	>PTCH1-G11 TILSVLNGLV	101	21
>PTCH1-G11 TILGVLNGLVI	339	>PTCH1-G11 TILSVLNGLVL	419	80
>PTCH1-G11 TILGVLNGL	37	>PTCH1-G11 TILSVLNGL	84	47
>PTCH1-G11 TILGVLNGLV	29	>PTCH1-G11 TILSVLNGLV	45	16
>PTCH1-G11 TILGVLNGLVI	173	>PTCH1-G11 TILSVLNGLVL	328	155
>PTCH1-G11 TILGVLNGL	592	>PTCH1-G11 TILSVLNGL	497	95
>PTCH1-G11 TILGVLNGL	147	>PTCH1-G11 TILSVLNGL	273	126
>PTCH1-G11 TILGVLNGLV	67	>PTCH1-G11 TILSVLNGLV	94	27
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>PTCH1-G11 TILGVLNGLV	272	>PTCH1-G11 TILSVLNGLV	361	89
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>PTCH1-G11 TILGVLNGLV	37	>PTCH1-G11 TILSVLNGLV	113	76
>PTCH1-G11 TILGVLNGLVI	459	>PTCH1-G11 TILSVLNGLVL	1392	933
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>PTCH1-G11 TILGVLNGL	158	>PTCH1-G11 TILSVLNGL	194	36
>PTCH1-G11 TILGVLNGL	98	>PTCH1-G11 TILSVLNGL	58	40
>PTCH1-G11 TILGVLNGLV	27	>PTCH1-G11 TILSVLNGLV	20	7
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>PTCH1-G11 LTILGVLNGL\	229	>PTCH1-G11 LTILSVLNGLV	219	10
>PTCH1-G11 LTILGVLNGL	133	>PTCH1-G11 LTILSVLNGL	104	29
>PTCH1-G11 LTILGVLNGL\	185	>PTCH1-G11 LTILSVLNGLV	274	89
>PTCH1-G11 LTILGVLNGL	54	>PTCH1-G11 LTILSVLNGL	71	17
>PTCH1-G11 LTILGVLNGL	213	>PTCH1-G11 LTILSVLNGL	245	32
>PTCH1-G11 LTILGVLNGL	496	>PTCH1-G11 LTILSVLNGL	494	2
>PTCH1-G11 LTILGVLNGL\	47	>PTCH1-G11 LTILSVLNGLV	42	5
>PTCH1-G11 LTILGVLNGL\	218	>PTCH1-G11 LTILSVLNGLV	291	73
>PTCH1-G11 LTILGVLNGL	16	>PTCH1-G11 LTILSVLNGL	14	2
>PTCH1-G11 LTILGVLNGL\	431	>PTCH1-G11 LTILSVLNGLV	250	181
>PTCH1-G11 LTILGVLNGL	783	>PTCH1-G11 LTILSVLNGL	246	537



>PTCH1-G11 LTILGVLNGL	76	>PTCH1-G11 LTILSVLNGL	57	19
>PTCH1-G11 LTILGVLNGL\	290	>PTCH1-G11 LTILSVLNGLV	358	68
>PTCH1-G11 ILTILGVLNGL	646	>PTCH1-G11 ILTILSVLNGL	316	330
>PTCH1-G11 ILTILGVL	230	>PTCH1-G11 ILTILSVL	66	164
>PTCH1-G11 ILTILGVLNGL	34	>PTCH1-G11 ILTILSVLNGL	18	16
>PTCH1-G11 ILTILGVL	419	>PTCH1-G11 ILTILSVL	199	220
>PTCH1-G11 ILTILGVLNGL	203	>PTCH1-G11 ILTILSVLNGL	152	51
>PTCH1-G11 ILTILGVLNGL	331	>PTCH1-G11 ILTILSVLNGL	256	75
>PTCH1-G11 ILTILGVL	130	>PTCH1-G11 ILTILSVL	76	54
>PTCH1-G11 ILTILGVLNGL	39	>PTCH1-G11 ILTILSVLNGL	40	1
>PTCH1-G11 ILTILGVL	1174	>PTCH1-G11 ILTILSVL	278	896
>PTCH1-G11 ILTILGVLNGL	264	>PTCH1-G11 ILTILSVLNGL	162	102
>PTCH1-G11 ILTILGVL	251	>PTCH1-G11 ILTILSVL	84	167
>PTCH1-G11 ILTILGVLNGL	42	>PTCH1-G11 ILTILSVLNGL	32	10
>PTCH1-G11 ILTILGVLNGL	913	>PTCH1-G11 ILTILSVLNGL	434	479
>PTCH1-G11 ILTILGVL	17	>PTCH1-G11 ILTILSVL	7	10
>PTCH1-G11 ILTILGVLNGL	7	>PTCH1-G11 ILTILSVLNGL	7	0
>PTCH1-G11 AILTILGV	35	>PTCH1-G11 AILTILSV	23	12
>PTCH1-G11 AILTILGVL	1613	>PTCH1-G11 AILTILSVL	379	1234
>PTCH1-G11 AILTILGV	249	>PTCH1-G11 AILTILSV	151	98
>PTCH1-G11 AILTILGVL	844	>PTCH1-G11 AILTILSVL	273	571
>PTCH1-G11 AILTILGV	53	>PTCH1-G11 AILTILSV	39	14
>PTCH1-G11 AILTILGVL	538	>PTCH1-G11 AILTILSVL	210	328
>PTCH1-G11 AILTILGV	10	>PTCH1-G11 AILTILSV	10	0
>PTCH1-G11 AILTILGVL	338	>PTCH1-G11 AILTILSVL	98	240
>PTCH1-G11 AILTILGV	6	>PTCH1-G11 AILTILSV	6	0
>PTCH1-G11 AILTILGVL	460	>PTCH1-G11 AILTILSVL	189	271
>PTCH1-G11 AILTILGV	39	>PTCH1-G11 AILTILSV	38	1
>PTCH1-G11 AILTILGV	14	>PTCH1-G11 AILTILSV	14	0
>PTCH1-G11 AILTILGV	15	>PTCH1-G11 AILTILSV	13	2
>PTCH1-G11 AILTILGV	5	>PTCH1-G11 AILTILSV	3	2
>PTCH1-G11 AILTILGVL	867	>PTCH1-G11 AILTILSVL	108	759
>PTCH1-G11 AILTILGVL	441	>PTCH1-G11 AILTILSVL	343	98
>PTCH1-G11 AILTILGV	126	>PTCH1-G11 AILTILSV	252	126
>PTCH1-G11 AILTILGVL	1142	>PTCH1-G11 AILTILSVL	93	1049
>PTCH1-G11 LAILTILGVL	877	>PTCH1-G11 LAILTILSVL	437	440
>PTCH1-G11 LAILTILGV	347	>PTCH1-G11 LAILTILSV	325	22
>PTCH1-G11 LAILTILGV	38	>PTCH1-G11 LAILTILSV	48	10
>PTCH1-G11 LAILTILGVL	515	>PTCH1-G11 LAILTILSVL	327	188
>PTCH1-G11 LAILTILGV	248	>PTCH1-G11 LAILTILSV	334	86
>PTCH1-G11 LAILTILGV	136	>PTCH1-G11 LAILTILSV	95	41
>PTCH1-G11 LAILTILGV	280	>PTCH1-G11 LAILTILSV	594	314
>PTCH1-G11 LAILTILGV	423	>PTCH1-G11 LAILTILSV	546	123

>PTCH1-G11 LAILTILGVL	205	>PTCH1-G11 LAILTILSVL	69	136
>PTCH1-G11 VLAILTILGV	39	>PTCH1-G11 VLAILTILSV	30	9
>PTCH1-G11 VLAILTILGVL	414	>PTCH1-G11 VLAILTILSVL	166	248
>PTCH1-G11 VLAILTILG	950	>PTCH1-G11 VLAILTILS	487	463
>PTCH1-G11 VLAILTILGV	54	>PTCH1-G11 VLAILTILSV	44	10
>PTCH1-G11 VLAILTILGVL	37	>PTCH1-G11 VLAILTILSVL	16	21
>PTCH1-G11 VLAILTILGV	24	>PTCH1-G11 VLAILTILSV	21	3
>PTCH1-G11 VLAILTILGVL	58	>PTCH1-G11 VLAILTILSVL	32	26
>PTCH1-G11 VLAILTILGV	83	>PTCH1-G11 VLAILTILSV	83	0
>PTCH1-G11 VLAILTILGV	2	>PTCH1-G11 VLAILTILSV	3	1
>PTCH1-G11 VLAILTILGVL	43	>PTCH1-G11 VLAILTILSVL	26	17
>PTCH1-G11 VLAILTILGV	12	>PTCH1-G11 VLAILTILSV	14	2
>PTCH1-G11 VLAILTILGVL	416	>PTCH1-G11 VLAILTILSVL	116	300
>PTCH1-G11 VLAILTILGV	4	>PTCH1-G11 VLAILTILSV	5	1
>PTCH1-G11 VLAILTILGVL	51	>PTCH1-G11 VLAILTILSVL	24	27
>PTCH1-G11 VLAILTILGV	4	>PTCH1-G11 VLAILTILSV	5	1
>PTCH1-G11 VLAILTILGVL	214	>PTCH1-G11 VLAILTILSVL	49	165
>PTCH1-G11 VLAILTILGV	2	>PTCH1-G11 VLAILTILSV	2	0
>PTCH1-G11 VLAILTILGVL	10	>PTCH1-G11 VLAILTILSVL	5	5
>PTCH1-G11 VLAILTILGV	339	>PTCH1-G11 VLAILTILSV	504	165
>PTCH1-G11 AVLAILTILGV	31	>PTCH1-G11 AVLAILTILSV	28	3
>PTCH1-G11 AVLAILTILGV	190	>PTCH1-G11 AVLAILTILSV	151	39
>PTCH1-G11 AVLAILTILGV	54	>PTCH1-G11 AVLAILTILSV	50	4
>PTCH1-G11 AVLAILTILGV	6	>PTCH1-G11 AVLAILTILSV	7	1
>PTCH1-G11 AVLAILTILGV	9	>PTCH1-G11 AVLAILTILSV	10	1
>PTCH1-G11 AVLAILTILGV	54	>PTCH1-G11 AVLAILTILSV	82	28
>PTCH1-G11 AVLAILTILGV	14	>PTCH1-G11 AVLAILTILSV	19	5
>PTCH1-G11 AVLAILTILGV	15	>PTCH1-G11 AVLAILTILSV	23	8
>PTCH1-G11 AVLAILTILGV	6	>PTCH1-G11 AVLAILTILSV	5	1
>PTCH1-G11 AVLAILTILGV	1111	>PTCH1-G11 AVLAILTILSV	335	776
>PTCH1-G11 AVLAILTILGV	1730	>PTCH1-G11 AVLAILTILSV	446	1284
>PTCH1-G11 AVLAILTILGV	347	>PTCH1-G11 AVLAILTILSV	476	129
>PTCH1-G11 AVLAILTILGV	35	>PTCH1-G11 AVLAILTILSV	62	27
>PTCH1-G11 GLVLLPV	408	>PTCH1-G11 RLVLLPV	304	104
>PTCH1-G11 GLVLLPVLL	340	>PTCH1-G11 RLVLLPVLL	258	82
>PTCH1-G11 GLVLLPV	286	>PTCH1-G11 RLVLLPV	311	25
>PTCH1-G11 GLVLLPVLL	146	>PTCH1-G11 RLVLLPVLL	159	13
>PTCH1-G11 GLVLLPV	370	>PTCH1-G11 RLVLLPV	210	160
>PTCH1-G11 GLVLLPVLL	542	>PTCH1-G11 RLVLLPVLL	292	250
>PTCH1-G11 GLVLLPV	786	>PTCH1-G11 RLVLLPV	337	449
>PTCH1-G11 GLVLLPV	95	>PTCH1-G11 RLVLLPV	45	50
>PTCH1-G11 GLVLLPVLL	151	>PTCH1-G11 RLVLLPVLL	71	80
>PTCH1-G11 GLVLLPV	84	>PTCH1-G11 RLVLLPV	155	71

>PTCH1-G11 GLVLLPVLL	206	>PTCH1-G11 RLVLLPVLL	415	209
>PTCH1-G11 GLVLLPV	65	>PTCH1-G11 RLVLLPV	120	55
>PTCH1-G11 GLVLLPVLL	118	>PTCH1-G11 RLVLLPVLL	227	109
>PTCH1-G11 GLVLLPV	34	>PTCH1-G11 RLVLLPV	41	7
>PTCH1-G11 GLVLLPVLL	54	>PTCH1-G11 RLVLLPVLL	69	15
>PTCH1-G11 GLVLLPV	7066	>PTCH1-G11 RLVLLPV	286	6780
>PTCH1-G11 GLVLLPVLL	2339	>PTCH1-G11 RLVLLPVLL	57	2282
>PTCH1-G11 GLVLLPVLLSF	311	>PTCH1-G11 RLVLLPVLLSF	14	297
>PTCH1-G11 GLVLLPVLLSF	335	>PTCH1-G11 RLVLLPVLLSF	107	228
>PTCH1-G11 GLVLLPVLLSF	604	>PTCH1-G11 RLVLLPVLLSF	46	558
>PTCH1-G11 GLVLLPVLLSF	1585	>PTCH1-G11 RLVLLPVLLSF	58	1527
>PTCH1-G11 GLVLLPVLLSF	8248	>PTCH1-G11 RLVLLPVLLSF	195	8053
>PTCH1-G11 GLVLLPVLL	971	>PTCH1-G11 RLVLLPVLL	129	842
>PTCH1-G11 NGLVLLPV	458	>PTCH1-G11 NRLVLLPV	2925	2467
>PTCH1-G11 NGLVLLPV	330	>PTCH1-G11 NRLVLLPV	5056	4726
>PTCH1-G11 NGLVLLPV	22955	>PTCH1-G11 NRLVLLPV	193	22762
>PTCH1-G11 NGLVLLPV	23628	>PTCH1-G11 NRLVLLPV	158	23470
>PTCH1-G11 NGLVLLPVLL	19849	>PTCH1-G11 NRLVLLPVLL	36	19813
>PTCH1-G11 NGLVLLPV	4851	>PTCH1-G11 NRLVLLPV	56	4795
>PTCH1-G11 NGLVLLPVLL	5378	>PTCH1-G11 NRLVLLPVLL	79	5299
>PTCH1-G11 NGLVLLPV	20255	>PTCH1-G11 NRLVLLPV	85	20170
>PTCH1-G11 NGLVLLPVLL	25743	>PTCH1-G11 NRLVLLPVLL	214	25529
>PTCH1-G11 NGLVLLPV	17136	>PTCH1-G11 NRLVLLPV	217	16919
>PTCH1-G11 NGLVLLPV	15886	>PTCH1-G11 NRLVLLPV	12	15874
>PTCH1-G11 NGLVLLPVLL	21517	>PTCH1-G11 NRLVLLPVLL	79	21438
>PTCH1-G11 AILTILGVLNG	23437	>PTCH1-G11 AILTILGVLNR	157	23280
>PTCH1-G11 AILTILGVLNG	19839	>PTCH1-G11 AILTILGVLNR	125	19714
>PTCH1-G11 AILTILGVLNG	34038	>PTCH1-G11 AILTILGVLNR	304	33734
>PTCH1-G11 VLNGLVLL	43	>PTCH1-G11 VLNRLVLL	112	69
>PTCH1-G11 VLNGLVLLPV	23	>PTCH1-G11 VLNRLVLLPV	48	25
>PTCH1-G11 VLNGLVLLPV	58	>PTCH1-G11 VLNRLVLLPVI	147	89
>PTCH1-G11 VLNGLVLL	8	>PTCH1-G11 VLNRLVLL	16	8
>PTCH1-G11 VLNGLVLLPV	28	>PTCH1-G11 VLNRLVLLPV	70	42
>PTCH1-G11 VLNGLVLLPV	31	>PTCH1-G11 VLNRLVLLPVI	77	46
>PTCH1-G11 VLNGLVLL	18	>PTCH1-G11 VLNRLVLL	29	11
>PTCH1-G11 VLNGLVLLPV	16	>PTCH1-G11 VLNRLVLLPV	22	6
>PTCH1-G11 VLNGLVLLPV	32	>PTCH1-G11 VLNRLVLLPVI	53	21
>PTCH1-G11 VLNGLVLLPV	76	>PTCH1-G11 VLNRLVLLPV	168	92
>PTCH1-G11 VLNGLVLL	6	>PTCH1-G11 VLNRLVLL	14	8
>PTCH1-G11 VLNGLVLLPV	2	>PTCH1-G11 VLNRLVLLPV	2	0
>PTCH1-G11 VLNGLVLLPV	6	>PTCH1-G11 VLNRLVLLPVI	11	5
>PTCH1-G11 VLNGLVLL	59	>PTCH1-G11 VLNRLVLL	64	5
>PTCH1-G11 VLNGLVLLPV	6	>PTCH1-G11 VLNRLVLLPV	6	0

>PTCH1-G11 VLNGLVLLPV	69	>PTCH1-G11 VLNRLVLLPV	59	10
>PTCH1-G11 VLNGLVLL	14	>PTCH1-G11 VLNRLVLL	34	20
>PTCH1-G11 VLNGLVLLPV	5	>PTCH1-G11 VLNRLVLLPV	6	1
>PTCH1-G11 VLNGLVLLPV	11	>PTCH1-G11 VLNRLVLLPV	20	9
>PTCH1-G11 VLNGLVLL	18	>PTCH1-G11 VLNRLVLL	156	138
>PTCH1-G11 VLNGLVLLPV	4	>PTCH1-G11 VLNRLVLLPV	7	3
>PTCH1-G11 VLNGLVLLPV	11	>PTCH1-G11 VLNRLVLLPV	43	32
>PTCH1-G11 VLNGLVLL	2	>PTCH1-G11 VLNRLVLL	5	3
>PTCH1-G11 VLNGLVLLPV	2	>PTCH1-G11 VLNRLVLLPV	2	0
>PTCH1-G11 VLNGLVLLPV	3	>PTCH1-G11 VLNRLVLLPV	6	3
>PTCH1-G11 GVLNGLVLL	170	>PTCH1-G11 GVLNRLVLL	305	135
>PTCH1-G11 GVLNGLVLLPV	29	>PTCH1-G11 GVLNRLVLLPV	41	12
>PTCH1-G11 GVLNGLVLLPV	76	>PTCH1-G11 GVLNRLVLLPV	86	10
>PTCH1-G11 GVLNGLVLL	307	>PTCH1-G11 GVLNRLVLL	659	352
>PTCH1-G11 GVLNGLVLL	23	>PTCH1-G11 GVLNRLVLL	34	11
>PTCH1-G11 GVLNGLVLLPV	7	>PTCH1-G11 GVLNRLVLLPV	8	1
>PTCH1-G11 GVLNGLVLL	229	>PTCH1-G11 GVLNRLVLL	692	463
>PTCH1-G11 GVLNGLVLLPV	10	>PTCH1-G11 GVLNRLVLLPV	18	8
>PTCH1-G11 GVLNGLVLL	398	>PTCH1-G11 GVLNRLVLL	1395	997
>PTCH1-G11 GVLNGLVLL	156	>PTCH1-G11 GVLNRLVLL	429	273
>PTCH1-G11 GVLNGLVLLPV	14	>PTCH1-G11 GVLNRLVLLPV	19	5
>PTCH1-G11 GVLNGLVLL	397	>PTCH1-G11 GVLNRLVLL	1654	1257
>PTCH1-G11 GVLNGLVLL	101	>PTCH1-G11 GVLNRLVLL	413	312
>PTCH1-G11 GVLNGLVLLPV	11	>PTCH1-G11 GVLNRLVLLPV	18	7
>PTCH1-G11 GVLNGLVLLPV	140	>PTCH1-G11 GVLNRLVLLPV	560	420
>PTCH1-G11 GVLNGLVLL	106	>PTCH1-G11 GVLNRLVLL	299	193
>PTCH1-G11 GVLNGLVLLPV	14	>PTCH1-G11 GVLNRLVLLPV	27	13
>PTCH1-G11 GVLNGLVLLPV	167	>PTCH1-G11 GVLNRLVLLPV	583	416
>PTCH1-G11 GVLNGLVLL	245	>PTCH1-G11 GVLNRLVLL	559	314
>PTCH1-G11 LGVLNGLVLL	99	>PTCH1-G11 LGVLNRLVLL	213	114
>PTCH1-G11 ILGVLNGLVLL	381	>PTCH1-G11 ILGVLNRLVLL	473	92
>PTCH1-G11 ILGVLNGLVLL	58	>PTCH1-G11 ILGVLNRLVLL	96	38
>PTCH1-G11 ILGVLNGLVLL	97	>PTCH1-G11 ILGVLNRLVLL	184	87
>PTCH1-G11 ILGVLNGLVLL	210	>PTCH1-G11 ILGVLNRLVLL	185	25
>PTCH1-G11 ILGVLNGLVLL	56	>PTCH1-G11 ILGVLNRLVLL	72	16
>PTCH1-G11 ILGVLNGLVLL	187	>PTCH1-G11 ILGVLNRLVLL	585	398
>PTCH1-G11 ILGVLNGLVLL	69	>PTCH1-G11 ILGVLNRLVLL	101	32
>PTCH1-G11 ILGVLNGLVLL	36	>PTCH1-G11 ILGVLNRLVLL	39	3
>PTCH1-G11 ILGVLNGLVLL	303	>PTCH1-G11 ILGVLNRLVLL	916	613
>PTCH1-G11 ILGVLNGLVLL	111	>PTCH1-G11 ILGVLNRLVLL	161	50
>PTCH1-G11 ILGVLNGLVLL	131	>PTCH1-G11 ILGVLNRLVLL	416	285
>PTCH1-G11 ILGVLNGLVLL	423	>PTCH1-G11 ILGVLNRLVLL	499	76
>PTCH1-G11 ILGVLNGLVLL	333	>PTCH1-G11 ILGVLNRLVLL	454	121

>PTCH1-G11 ILGVLNGL	150	>PTCH1-G11 ILGVLNRL	441	291
>PTCH1-G11 ILGVLNGLV	65	>PTCH1-G11 ILGVLNRLV	133	68
>PTCH1-G11 ILGVLNGLVLI	143	>PTCH1-G11 ILGVLNRLVLL	280	137
>PTCH1-G11 ILGVLNGL	140	>PTCH1-G11 ILGVLNRL	453	313
>PTCH1-G11 ILGVLNGLV	260	>PTCH1-G11 ILGVLNRLV	259	1
>PTCH1-G11 ILGVLNGLVLI	377	>PTCH1-G11 ILGVLNRLVLL	783	406
>PTCH1-G11 ILGVLNGL	21	>PTCH1-G11 ILGVLNRL	20	1
>PTCH1-G11 ILGVLNGLV	9	>PTCH1-G11 ILGVLNRLV	13	4
>PTCH1-G11 ILGVLNGLVL	77	>PTCH1-G11 ILGVLNRLVL	84	7
>PTCH1-G11 ILGVLNGLVLI	20	>PTCH1-G11 ILGVLNRLVLL	29	9
>PTCH1-G11 TILGVLNGL	311	>PTCH1-G11 TILGVLNRL	483	172
>PTCH1-G11 TILGVLNGLV	247	>PTCH1-G11 TILGVLNRLV	372	125
>PTCH1-G11 TILGVLNGL	137	>PTCH1-G11 TILGVLNRL	181	44
>PTCH1-G11 TILGVLNGLV	289	>PTCH1-G11 TILGVLNRLV	389	100
>PTCH1-G11 TILGVLNGL	349	>PTCH1-G11 TILGVLNRL	1026	677
>PTCH1-G11 TILGVLNGLV	74	>PTCH1-G11 TILGVLNRLV	132	58
>PTCH1-G11 TILGVLNGL	26	>PTCH1-G11 TILGVLNRL	116	90
>PTCH1-G11 TILGVLNGLV	80	>PTCH1-G11 TILGVLNRLV	102	22
>PTCH1-G11 TILGVLNGLVI	339	>PTCH1-G11 TILGVLNRLVI	587	248
>PTCH1-G11 TILGVLNGL	37	>PTCH1-G11 TILGVLNRL	59	22
>PTCH1-G11 TILGVLNGLV	29	>PTCH1-G11 TILGVLNRLV	32	3
>PTCH1-G11 TILGVLNGLVI	173	>PTCH1-G11 TILGVLNRLVI	473	300
>PTCH1-G11 TILGVLNGL	147	>PTCH1-G11 TILGVLNRL	435	288
>PTCH1-G11 TILGVLNGLV	67	>PTCH1-G11 TILGVLNRLV	115	48
>PTCH1-G11 TILGVLNGL	136	>PTCH1-G11 TILGVLNRL	729	593
>PTCH1-G11 TILGVLNGLV	272	>PTCH1-G11 TILGVLNRLV	313	41
>PTCH1-G11 TILGVLNGL	153	>PTCH1-G11 TILGVLNRL	112	41
>PTCH1-G11 TILGVLNGLV	37	>PTCH1-G11 TILGVLNRLV	47	10
>PTCH1-G11 TILGVLNGLVI	459	>PTCH1-G11 TILGVLNRLVI	404	55
>PTCH1-G11 TILGVLNG	23635	>PTCH1-G11 TILGVLNR	120	23515
>PTCH1-G11 TILGVLNGL	272	>PTCH1-G11 TILGVLNRL	320	48
>PTCH1-G11 TILGVLNG	22320	>PTCH1-G11 TILGVLNR	192	22128
>PTCH1-G11 TILGVLNG	34153	>PTCH1-G11 TILGVLNR	174	33979
>PTCH1-G11 TILGVLNG	35190	>PTCH1-G11 TILGVLNR	67	35123
>PTCH1-G11 TILGVLNGL	158	>PTCH1-G11 TILGVLNRL	266	108
>PTCH1-G11 TILGVLNGL	98	>PTCH1-G11 TILGVLNRL	516	418
>PTCH1-G11 TILGVLNGLV	27	>PTCH1-G11 TILGVLNRLV	84	57
>PTCH1-G11 TILGVLNGLVI	464	>PTCH1-G11 TILGVLNRLVI	381	83
>PTCH1-G11 TILGVLNG	33321	>PTCH1-G11 TILGVLNR	136	33185
>PTCH1-G11 LTILGVLNGL	210	>PTCH1-G11 LTILGVLNRL	263	53
>PTCH1-G11 LTILGVLNGL	377	>PTCH1-G11 LTILGVLNRL	852	475
>PTCH1-G11 LTILGVLNGL\	229	>PTCH1-G11 LTILGVLNRLV	394	165
>PTCH1-G11 LTILGVLNGL	133	>PTCH1-G11 LTILGVLNRL	332	199

>PTCH1-G11 LTILGVLNGL	185	>PTCH1-G11 LTILGVLNRLV	305	120
>PTCH1-G11 LTILGVLNG	25453	>PTCH1-G11 LTILGVLNR	162	25291
>PTCH1-G11 LTILGVLNGL	54	>PTCH1-G11 LTILGVLNRL	59	5
>PTCH1-G11 LTILGVLNGL	213	>PTCH1-G11 LTILGVLNRL	1574	1361
>PTCH1-G11 LTILGVLNG	20376	>PTCH1-G11 LTILGVLNR	191	20185
>PTCH1-G11 LTILGVLNG	34128	>PTCH1-G11 LTILGVLNR	292	33836
>PTCH1-G11 LTILGVLNG	28944	>PTCH1-G11 LTILGVLNR	44	28900
>PTCH1-G11 LTILGVLNGL	496	>PTCH1-G11 LTILGVLNRL	448	48
>PTCH1-G11 LTILGVLNGL	47	>PTCH1-G11 LTILGVLNRLV	124	77
>PTCH1-G11 LTILGVLNGL	218	>PTCH1-G11 LTILGVLNRLV	551	333
>PTCH1-G11 LTILGVLNGL	16	>PTCH1-G11 LTILGVLNRL	15	1
>PTCH1-G11 LTILGVLNGL	431	>PTCH1-G11 LTILGVLNRLV	364	67
>PTCH1-G11 LTILGVLNGL	76	>PTCH1-G11 LTILGVLNRL	115	39
>PTCH1-G11 LTILGVLNGL	290	>PTCH1-G11 LTILGVLNRLV	574	284
>PTCH1-G11 LTILGVLNG	15540	>PTCH1-G11 LTILGVLNR	412	15128
>PTCH1-G11 LTILGVLNGL	34	>PTCH1-G11 LTILGVLNRL	49	15
>PTCH1-G11 LTILGVLNGL	203	>PTCH1-G11 LTILGVLNRL	396	193
>PTCH1-G11 LTILGVLNGL	331	>PTCH1-G11 LTILGVLNRL	912	581
>PTCH1-G11 LTILGVLNGL	39	>PTCH1-G11 LTILGVLNRL	57	18
>PTCH1-G11 LTILGVLNGL	264	>PTCH1-G11 LTILGVLNRL	869	605
>PTCH1-G11 LTILGVLNGL	42	>PTCH1-G11 LTILGVLNRL	108	66
>PTCH1-G11 LTILGVLNGL	7	>PTCH1-G11 LTILGVLNRL	7	0
>PTCH1-G11 LTILGVLNG	28373	>PTCH1-G11 LTILGVLNR	251	28122
>PTCH1-G11 LTILGVLNG	31099	>PTCH1-G11 LTILGVLNR	406	30693
>PTCH1-G11 LTILGVLNG	34987	>PTCH1-G11 LTILGVLNR	174	34813
>PTCH1-G11 GLVLLPVV	408	>PTCH1-G11 WLVLLPVV	255	153
>PTCH1-G11 GLVLLPVLL	340	>PTCH1-G11 WLVLLPVLL	198	142
>PTCH1-G11 GLVLLPVV	286	>PTCH1-G11 WLVLLPVV	245	41
>PTCH1-G11 GLVLLPVLL	146	>PTCH1-G11 WLVLLPVLL	125	21
>PTCH1-G11 GLVLLPVV	370	>PTCH1-G11 WLVLLPVV	194	176
>PTCH1-G11 GLVLLPVLL	542	>PTCH1-G11 WLVLLPVLL	277	265
>PTCH1-G11 GLVLLPVV	786	>PTCH1-G11 WLVLLPVV	172	614
>PTCH1-G11 GLVLLPVV	95	>PTCH1-G11 WLVLLPVV	41	54
>PTCH1-G11 GLVLLPVLL	151	>PTCH1-G11 WLVLLPVLL	66	85
>PTCH1-G11 GLVLLPVV	84	>PTCH1-G11 WLVLLPVV	129	45
>PTCH1-G11 GLVLLPVLL	206	>PTCH1-G11 WLVLLPVLL	329	123
>PTCH1-G11 GLVLLPVV	65	>PTCH1-G11 WLVLLPVV	77	12
>PTCH1-G11 GLVLLPVLL	118	>PTCH1-G11 WLVLLPVLL	144	26
>PTCH1-G11 GLVLLPVV	2071	>PTCH1-G11 WLVLLPVV	126	1945
>PTCH1-G11 GLVLLPVV	34	>PTCH1-G11 WLVLLPVV	19	15
>PTCH1-G11 GLVLLPVLL	54	>PTCH1-G11 WLVLLPVLL	34	20
>PTCH1-G11 GLVLLPVLLSF	648	>PTCH1-G11 WLVLLPVLLS	406	242
>PTCH1-G11 GLVLLPVLLSF	311	>PTCH1-G11 WLVLLPVLLS	2226	1915

>PTCH1-G11 GLVLLPVLLSF	335	>PTCH1-G11 WLVLLPVLLS	172	163
>PTCH1-G11 GLVLLPVLLSF	604	>PTCH1-G11 WLVLLPVLLS	57	547
>PTCH1-G11 GLVLLPVLLSF	11601	>PTCH1-G11 WLVLLPVLLS	490	11111
>PTCH1-G11 GLVLLPVLL	6685	>PTCH1-G11 WLVLLPVLL	321	6364
>PTCH1-G11 GLVLLPVLL	7099	>PTCH1-G11 WLVLLPVLL	337	6762
>PTCH1-G11 NGLVLLPV	458	>PTCH1-G11 NWLVLLPV	249	209
>PTCH1-G11 NGLVLLPVLL	32807	>PTCH1-G11 NWLVLLPVLL	320	32487
>PTCH1-G11 NGLVLLPVLL	16687	>PTCH1-G11 NWLVLLPVLL	117	16570
>PTCH1-G11 NGLVLLPVLL	20677	>PTCH1-G11 NWLVLLPVLL	237	20440
>PTCH1-G11 NGLVLLPV	330	>PTCH1-G11 NWLVLLPV	1307	977
>PTCH1-G11 NGLVLLPV	31982	>PTCH1-G11 NWLVLLPV	120	31862
>PTCH1-G11 NGLVLLPVLL	31624	>PTCH1-G11 NWLVLLPVLL	146	31478
>PTCH1-G11 NGLVLLPVLL	27383	>PTCH1-G11 NWLVLLPVLL	104	27279
>PTCH1-G11 AILTILGVLNG	21706	>PTCH1-G11 AILTILGVLNV	157	21549
>PTCH1-G11 AILTILGVLNG	22197	>PTCH1-G11 AILTILGVLNV	179	22018
>PTCH1-G11 VLNGLVLL	43	>PTCH1-G11 VLNWLVLL	28	15
>PTCH1-G11 VLNGLVLLPV	23	>PTCH1-G11 VLNWLVLLPV	22	1
>PTCH1-G11 VLNGLVLLPV	58	>PTCH1-G11 VLNWLVLLPV	43	15
>PTCH1-G11 VLNGLVLL	8	>PTCH1-G11 VLNWLVLL	11	3
>PTCH1-G11 VLNGLVLLPV	28	>PTCH1-G11 VLNWLVLLPV	46	18
>PTCH1-G11 VLNGLVLLPV	31	>PTCH1-G11 VLNWLVLLPV	45	14
>PTCH1-G11 VLNGLVLL	18	>PTCH1-G11 VLNWLVLL	21	3
>PTCH1-G11 VLNGLVLLPV	16	>PTCH1-G11 VLNWLVLLPV	27	11
>PTCH1-G11 VLNGLVLLPV	32	>PTCH1-G11 VLNWLVLLPV	34	2
>PTCH1-G11 VLNGLVLL	543	>PTCH1-G11 VLNWLVLL	499	44
>PTCH1-G11 VLNGLVLLPV	76	>PTCH1-G11 VLNWLVLLPV	111	35
>PTCH1-G11 VLNGLVLL	6	>PTCH1-G11 VLNWLVLL	4	2
>PTCH1-G11 VLNGLVLLPV	2	>PTCH1-G11 VLNWLVLLPV	2	0
>PTCH1-G11 VLNGLVLLPV	6	>PTCH1-G11 VLNWLVLLPV	4	2
>PTCH1-G11 VLNGLVLL	59	>PTCH1-G11 VLNWLVLL	62	3
>PTCH1-G11 VLNGLVLLPV	6	>PTCH1-G11 VLNWLVLLPV	7	1
>PTCH1-G11 VLNGLVLLPV	69	>PTCH1-G11 VLNWLVLLPV	80	11
>PTCH1-G11 VLNGLVLL	14	>PTCH1-G11 VLNWLVLL	11	3
>PTCH1-G11 VLNGLVLLPV	5	>PTCH1-G11 VLNWLVLLPV	5	0
>PTCH1-G11 VLNGLVLLPV	11	>PTCH1-G11 VLNWLVLLPV	10	1
>PTCH1-G11 VLNGLVLL	18	>PTCH1-G11 VLNWLVLL	15	3
>PTCH1-G11 VLNGLVLLPV	4	>PTCH1-G11 VLNWLVLLPV	4	0
>PTCH1-G11 VLNGLVLLPV	11	>PTCH1-G11 VLNWLVLLPV	11	0
>PTCH1-G11 VLNGLVLL	2	>PTCH1-G11 VLNWLVLL	2	0
>PTCH1-G11 VLNGLVLLPV	2	>PTCH1-G11 VLNWLVLLPV	2	0
>PTCH1-G11 VLNGLVLLPV	3	>PTCH1-G11 VLNWLVLLPV	3	0
>PTCH1-G11 VLNGLVLLPV	1370	>PTCH1-G11 VLNWLVLLPV	361	1009
>PTCH1-G11 VLNGLVLLPV	1177	>PTCH1-G11 VLNWLVLLPV	162	1015

>PTCH1-G11 GVLNGLVL	2261	>PTCH1-G11 GVLNWLVL	443	1818
>PTCH1-G11 GVLNGLVLL	170	>PTCH1-G11 GVLNWLVLL	41	129
>PTCH1-G11 GVLNGLVLLP	29	>PTCH1-G11 GVLNWLVLFF	17	12
>PTCH1-G11 GVLNGLVLL	711	>PTCH1-G11 GVLNWLVLL	457	254
>PTCH1-G11 GVLNGLVLLP	659	>PTCH1-G11 GVLNWLVLFF	480	179
>PTCH1-G11 GVLNGLVLLP	76	>PTCH1-G11 GVLNWLVLFF	82	6
>PTCH1-G11 GVLNGLVL	307	>PTCH1-G11 GVLNWLVL	86	221
>PTCH1-G11 GVLNGLVLL	23	>PTCH1-G11 GVLNWLVLL	19	4
>PTCH1-G11 GVLNGLVLLP	7	>PTCH1-G11 GVLNWLVLFF	6	1
>PTCH1-G11 GVLNGLVL	530	>PTCH1-G11 GVLNWLVL	95	435
>PTCH1-G11 GVLNGLVLL	229	>PTCH1-G11 GVLNWLVLL	20	209
>PTCH1-G11 GVLNGLVLLP	10	>PTCH1-G11 GVLNWLVLFF	5	5
>PTCH1-G11 GVLNGLVL	398	>PTCH1-G11 GVLNWLVL	226	172
>PTCH1-G11 GVLNGLVLL	156	>PTCH1-G11 GVLNWLVLL	31	125
>PTCH1-G11 GVLNGLVLLP	14	>PTCH1-G11 GVLNWLVLFF	8	6
>PTCH1-G11 GVLNGLVL	397	>PTCH1-G11 GVLNWLVL	130	267
>PTCH1-G11 GVLNGLVLL	101	>PTCH1-G11 GVLNWLVLL	32	69
>PTCH1-G11 GVLNGLVLLP	11	>PTCH1-G11 GVLNWLVLFF	9	2
>PTCH1-G11 GVLNGLVLL	993	>PTCH1-G11 GVLNWLVLL	294	699
>PTCH1-G11 GVLNGLVLLP	140	>PTCH1-G11 GVLNWLVLFF	56	84
>PTCH1-G11 GVLNGLVL	629	>PTCH1-G11 GVLNWLVL	217	412
>PTCH1-G11 GVLNGLVLL	106	>PTCH1-G11 GVLNWLVLL	24	82
>PTCH1-G11 GVLNGLVLLP	14	>PTCH1-G11 GVLNWLVLFF	10	4
>PTCH1-G11 GVLNGLVLL	1585	>PTCH1-G11 GVLNWLVLL	495	1090
>PTCH1-G11 GVLNGLVLLP	167	>PTCH1-G11 GVLNWLVLFF	36	131
>PTCH1-G11 GVLNGLVLL	245	>PTCH1-G11 GVLNWLVLL	156	89
>PTCH1-G11 LGVLNGLVL	99	>PTCH1-G11 LGVLNWLVL	124	25
>PTCH1-G11 LGVLNGLV	5823	>PTCH1-G11 LGVLNWLVL	365	5458
>PTCH1-G11 ILGVLNGL	919	>PTCH1-G11 ILGVLNWL	251	668
>PTCH1-G11 ILGVLNGLV	1215	>PTCH1-G11 ILGVLNWLVL	24	1191
>PTCH1-G11 ILGVLNGLVLL	381	>PTCH1-G11 ILGVLNWLVL	68	313
>PTCH1-G11 ILGVLNGL	58	>PTCH1-G11 ILGVLNWL	28	30
>PTCH1-G11 ILGVLNGLV	97	>PTCH1-G11 ILGVLNWLVL	6	91
>PTCH1-G11 ILGVLNGLVL	210	>PTCH1-G11 ILGVLNWLVL	213	3
>PTCH1-G11 ILGVLNGLVLL	56	>PTCH1-G11 ILGVLNWLVL	22	34
>PTCH1-G11 ILGVLNGL	538	>PTCH1-G11 ILGVLNWL	492	46
>PTCH1-G11 ILGVLNGLV	187	>PTCH1-G11 ILGVLNWLVL	171	16
>PTCH1-G11 ILGVLNGLV	2009	>PTCH1-G11 ILGVLNWLVL	59	1950
>PTCH1-G11 ILGVLNGL	69	>PTCH1-G11 ILGVLNWL	46	23
>PTCH1-G11 ILGVLNGLV	36	>PTCH1-G11 ILGVLNWLVL	3	33
>PTCH1-G11 ILGVLNGLVL	303	>PTCH1-G11 ILGVLNWLVL	70	233
>PTCH1-G11 ILGVLNGLVLL	111	>PTCH1-G11 ILGVLNWLVL	21	90
>PTCH1-G11 ILGVLNGL	131	>PTCH1-G11 ILGVLNWL	196	65



>PTCH1-G11 ILGVLNGLV	423	>PTCH1-G11 ILGVLNWLVL	6	417
>PTCH1-G11 ILGVLNGLVL	638	>PTCH1-G11 ILGVLNWLVL	212	426
>PTCH1-G11 ILGVLNGLVLI	333	>PTCH1-G11 ILGVLNWLVL	49	284
>PTCH1-G11 ILGVLNGL	150	>PTCH1-G11 ILGVLNWL	74	76
>PTCH1-G11 ILGVLNGLV	65	>PTCH1-G11 ILGVLNWLVL	6	59
>PTCH1-G11 ILGVLNGLVL	643	>PTCH1-G11 ILGVLNWLVL	91	552
>PTCH1-G11 ILGVLNGLVLI	143	>PTCH1-G11 ILGVLNWLVL	31	112
>PTCH1-G11 ILGVLNGL	140	>PTCH1-G11 ILGVLNWL	142	2
>PTCH1-G11 ILGVLNGLV	260	>PTCH1-G11 ILGVLNWLVL	4	256
>PTCH1-G11 ILGVLNGLVL	1787	>PTCH1-G11 ILGVLNWLVL	219	1568
>PTCH1-G11 ILGVLNGLVLI	377	>PTCH1-G11 ILGVLNWLVL	48	329
>PTCH1-G11 ILGVLNGL	21	>PTCH1-G11 ILGVLNWL	8	13
>PTCH1-G11 ILGVLNGLV	9	>PTCH1-G11 ILGVLNWLVL	2	7
>PTCH1-G11 ILGVLNGLVL	77	>PTCH1-G11 ILGVLNWLVL	24	53
>PTCH1-G11 ILGVLNGLVLI	20	>PTCH1-G11 ILGVLNWLVL	6	14
>PTCH1-G11 ILGVLNGLVL	1633	>PTCH1-G11 ILGVLNWLVL	69	1564
>PTCH1-G11 TILGVLNGL	311	>PTCH1-G11 TILGVLNWL	197	114
>PTCH1-G11 TILGVLNGLV	247	>PTCH1-G11 TILGVLNWLVL	29	218
>PTCH1-G11 TILGVLNGL	137	>PTCH1-G11 TILGVLNWL	109	28
>PTCH1-G11 TILGVLNGLV	289	>PTCH1-G11 TILGVLNWLVL	72	217
>PTCH1-G11 TILGVLNGL	349	>PTCH1-G11 TILGVLNWL	412	63
>PTCH1-G11 TILGVLNGLV	74	>PTCH1-G11 TILGVLNWLVL	154	80
>PTCH1-G11 TILGVLNGL	26	>PTCH1-G11 TILGVLNWL	44	18
>PTCH1-G11 TILGVLNGLV	80	>PTCH1-G11 TILGVLNWLVL	27	53
>PTCH1-G11 TILGVLNGLVI	339	>PTCH1-G11 TILGVLNWLVL	144	195
>PTCH1-G11 TILGVLNGL	37	>PTCH1-G11 TILGVLNWL	55	18
>PTCH1-G11 TILGVLNGLV	29	>PTCH1-G11 TILGVLNWLVL	5	24
>PTCH1-G11 TILGVLNGLVI	173	>PTCH1-G11 TILGVLNWLVL	149	24
>PTCH1-G11 TILGVLNGLV	1161	>PTCH1-G11 TILGVLNWLVL	59	1102
>PTCH1-G11 TILGVLNGL	147	>PTCH1-G11 TILGVLNWL	180	33
>PTCH1-G11 TILGVLNGLV	67	>PTCH1-G11 TILGVLNWLVL	10	57
>PTCH1-G11 TILGVLNGLVI	541	>PTCH1-G11 TILGVLNWLVL	379	162
>PTCH1-G11 TILGVLNGL	136	>PTCH1-G11 TILGVLNWL	644	508
>PTCH1-G11 TILGVLNGLV	272	>PTCH1-G11 TILGVLNWLVL	15	257
>PTCH1-G11 TILGVLNGL	153	>PTCH1-G11 TILGVLNWL	71	82
>PTCH1-G11 TILGVLNGLV	37	>PTCH1-G11 TILGVLNWLVL	5	32
>PTCH1-G11 TILGVLNGLVI	459	>PTCH1-G11 TILGVLNWLVL	355	104
>PTCH1-G11 TILGVLNGL	272	>PTCH1-G11 TILGVLNWL	110	162
>PTCH1-G11 TILGVLNGL	158	>PTCH1-G11 TILGVLNWL	358	200
>PTCH1-G11 TILGVLNGL	98	>PTCH1-G11 TILGVLNWL	357	259
>PTCH1-G11 TILGVLNGLV	27	>PTCH1-G11 TILGVLNWLVL	10	17
>PTCH1-G11 TILGVLNGLVI	464	>PTCH1-G11 TILGVLNWLVL	390	74
>PTCH1-G11 TILGVLNG	21894	>PTCH1-G11 TILGVLNW	60	21834

>PTCH1-G11 LTILGVLNGL	1746	>PTCH1-G11 LTILGVLNWL	81	1665
>PTCH1-G11 LTILGVLNGL	210	>PTCH1-G11 LTILGVLNWL	257	47
>PTCH1-G11 LTILGVLNGL	826	>PTCH1-G11 LTILGVLNWL	145	681
>PTCH1-G11 LTILGVLNGL	377	>PTCH1-G11 LTILGVLNWL	751	374
>PTCH1-G11 LTILGVLNGL	229	>PTCH1-G11 LTILGVLNWL	228	1
>PTCH1-G11 LTILGVLNGL	133	>PTCH1-G11 LTILGVLNWL	162	29
>PTCH1-G11 LTILGVLNGL	185	>PTCH1-G11 LTILGVLNWL	17	168
>PTCH1-G11 LTILGVLNGL	1197	>PTCH1-G11 LTILGVLNWL	107	1090
>PTCH1-G11 LTILGVLNGL	5559	>PTCH1-G11 LTILGVLNWL	344	5215
>PTCH1-G11 LTILGVLNGL	2990	>PTCH1-G11 LTILGVLNWL	219	2771
>PTCH1-G11 LTILGVLNGL	1161	>PTCH1-G11 LTILGVLNWL	56	1105
>PTCH1-G11 LTILGVLNGL	54	>PTCH1-G11 LTILGVLNWL	25	29
>PTCH1-G11 LTILGVLNG	25190	>PTCH1-G11 LTILGVLNW	459	24731
>PTCH1-G11 LTILGVLNGL	213	>PTCH1-G11 LTILGVLNWL	467	254
>PTCH1-G11 LTILGVLNGL	496	>PTCH1-G11 LTILGVLNWL	1000	504
>PTCH1-G11 LTILGVLNGL	47	>PTCH1-G11 LTILGVLNWL	30	17
>PTCH1-G11 LTILGVLNGL	218	>PTCH1-G11 LTILGVLNWL	44	174
>PTCH1-G11 LTILGVLNG	1958	>PTCH1-G11 LTILGVLNW	3	1955
>PTCH1-G11 LTILGVLNGL	16	>PTCH1-G11 LTILGVLNWL	17	1
>PTCH1-G11 LTILGVLNGL	431	>PTCH1-G11 LTILGVLNWL	343	88
>PTCH1-G11 LTILGVLNG	30459	>PTCH1-G11 LTILGVLNW	128	30331
>PTCH1-G11 LTILGVLNG	25003	>PTCH1-G11 LTILGVLNW	117	24886
>PTCH1-G11 LTILGVLNG	11721	>PTCH1-G11 LTILGVLNW	12	11709
>PTCH1-G11 LTILGVLNGL	783	>PTCH1-G11 LTILGVLNWL	191	592
>PTCH1-G11 LTILGVLNGL	76	>PTCH1-G11 LTILGVLNWL	29	47
>PTCH1-G11 LTILGVLNGL	290	>PTCH1-G11 LTILGVLNWL	1353	1063
>PTCH1-G11 LTILGVLNG	27890	>PTCH1-G11 LTILGVLNW	74	27816
>PTCH1-G11 LTILGVLNGL	646	>PTCH1-G11 LTILGVLNWL	425	221
>PTCH1-G11 LTILGVLNGL	34	>PTCH1-G11 LTILGVLNWL	33	1
>PTCH1-G11 LTILGVLNGL	203	>PTCH1-G11 LTILGVLNWL	192	11
>PTCH1-G11 LTILGVLNGL	331	>PTCH1-G11 LTILGVLNWL	508	177
>PTCH1-G11 LTILGVLNGL	39	>PTCH1-G11 LTILGVLNWL	55	16
>PTCH1-G11 LTILGVLNGL	264	>PTCH1-G11 LTILGVLNWL	991	727
>PTCH1-G11 LTILGVLNGL	42	>PTCH1-G11 LTILGVLNWL	50	8
>PTCH1-G11 LTILGVLNGL	7	>PTCH1-G11 LTILGVLNWL	6	1
>PTCH1-G11 LTILGVLNG	19386	>PTCH1-G11 LTILGVLNW	157	19229
>PTCH1-G11 LTILGVLNG	22161	>PTCH1-G11 LTILGVLNW	106	22055
>PTCH1-G11 LTILGVLNGL	2020	>PTCH1-G11 LTILGVLNWL	459	1561
>PTCH1-G12:MPPGHTHSG	270	>PTCH1-G12:MPPSHTHSG	226	44
>PTCH1-G12:MPPGHTHSG	254	>PTCH1-G12:MPPSHTHSG	389	135
>PTCH1-G12:MPPGHTHSG	434	>PTCH1-G12:MPPSHTHSG	193	241
>PTCH1-G12:AMPPGHTHS	404	>PTCH1-G12:AMPPSHTHS	898	494
>PTCH1-G12:AMPPGHTHS	426	>PTCH1-G12:AMPPSHTHS	911	485

>PTCH1-G12:FAMPPGHT	699	>PTCH1-G12:FAMPPSHT	265	434
>PTCH1-G12:FAMPPGHT	1203	>PTCH1-G12:FAMPPSHT	399	804
>PTCH1-G12:FAMPPGHTH	494	>PTCH1-G12:FAMPPSHTH	610	116
>PTCH1-G12:FAMPPGHTH	252	>PTCH1-G12:FAMPPSHTH	161	91
>PTCH1-G12:FAMPPGHTH	122	>PTCH1-G12:FAMPPSHTH	51	71
>PTCH1-G12:VRFAMPPGH	485	>PTCH1-G12:VRFAMPPSH	427	58
>PTCH1-G12:VRFAMPPGH	219	>PTCH1-G12:VRFAMPPSH	257	38
>PTCH1-G12:VRFAMPPGH	156	>PTCH1-G12:VRFAMPPSH	206	50
>PTCH1-G12:VRFAMPPGH	254	>PTCH1-G12:VRFAMPPSH	288	34
>PTCH1-G12:VRFAMPPG	464	>PTCH1-G12:VRFAMPPS	955	491
>PTCH1-G12:VRFAMPPGH	246	>PTCH1-G12:VRFAMPPSH	713	467
>PTCH1-G12:VRFAMPPG	18	>PTCH1-G12:VRFAMPPS	19	1
>PTCH1-G12:VRFAMPPG	395	>PTCH1-G12:VRFAMPPSI	111	284
>PTCH1-G12:VRFAMPPG	292	>PTCH1-G12:VRFAMPPSI	242	50
>PTCH1-G13:GLCPGYPET	230	>PTCH1-G13:RLCPGYPET	107	123
>PTCH1-G13:GLCPGYPET	385	>PTCH1-G13:RLCPGYPET	659	274
>PTCH1-G13:GLCPGYPET	24	>PTCH1-G13:RLCPGYPET	26	2
>PTCH1-G13:RGGLCPGY	15067	>PTCH1-G13:RGRLCPGY	486	14581
>PTCH1-G13:RGGLCPGYPE	14451	>PTCH1-G13:RGRLCPGYPE	363	14088
>PTCH1-G13:RGGLCPGY	144	>PTCH1-G13:RGRLCPGY	169	25
>PTCH1-G13:RGGLCPGY	3287	>PTCH1-G13:RGRLCPGY	94	3193
>PTCH1-G13:NPRGGLCPG	10974	>PTCH1-G13:NPRGRLCPG	148	10826
>PTCH1-G13:GRNPRGGL	348	>PTCH1-G13:GRNPRGRL	393	45
>PTCH1-G13:GRNPRGGLC	407	>PTCH1-G13:GRNPRGRLC	209	198
>PTCH1-G13:PGPGRNPRG	103	>PTCH1-G13:PGPGRNPRG	183	80
>PTCH1-G28:EVGHGYMDF	174	>PTCH1-G28:EVDHGYMDF	272	98
>PTCH1-G28:EVGHGYMDF	71	>PTCH1-G28:EVDHGYMDF	81	10
>PTCH1-G28:AEVGHGYM	454	>PTCH1-G28:AEVDHGYM	315	139
>PTCH1-G28:AEVGHGYM	26	>PTCH1-G28:AEVDHGYM	50	24
>PTCH1-G28:AEVGHGYM	197	>PTCH1-G28:AEVDHGYM	320	123
>PTCH1-G28:AEVGHGYM	135	>PTCH1-G28:AEVDHGYM	144	9
>PTCH1-G28:AEVGHGYME	307	>PTCH1-G28:AEVDHGYME	344	37
>PTCH1-G28:AEVGHGYM	212	>PTCH1-G28:AEVDHGYM	646	434
>PTCH1-G28:AEVGHGYME	289	>PTCH1-G28:AEVDHGYME	733	444
>PTCH1-G28:KAEVGHGY	46	>PTCH1-G28:KAEVDHGY	47	1
>PTCH1-G28:KAEVGHGYM	169	>PTCH1-G28:KAEVDHGYM	307	138
>PTCH1-G28:KAEVGHGY	22	>PTCH1-G28:KAEVDHGY	83	61
>PTCH1-G28:KAEVGHGYM	84	>PTCH1-G28:KAEVDHGYM	956	872
>PTCH1-G28:KAEVGHGYM	265	>PTCH1-G28:KAEVDHGYM	935	670
>PTCH1-G28:NKAEVGHGY	441	>PTCH1-G28:NKAEVDHGY	319	122
>PTCH1-G28:NKAEVGHGY	394	>PTCH1-G28:NKAEVDHGY	908	514
>PTCH1-G28:NKAEVGHGY	339	>PTCH1-G28:NKAEVDHGY	1646	1307
>PTCH1-G28:NKAEVGHGY	439	>PTCH1-G28:NKAEVDHGY	820	381

>PTCH1-G28:LNKAEVGHG'	284	>PTCH1-G28:LNKAEVDHG'	523	239
>PTCH1-G28:MLNKAEVGH	385	>PTCH1-G28:MLNKAEVDH	999	614
>PTCH1-G28:MLNKAEVGH	170	>PTCH1-G28:MLNKAEVDH	177	7
>PTCH1-G28:MLNKAEVGH	34	>PTCH1-G28:MLNKAEVDH	32	2
>PTCH1-G28:MLNKAEVGH	84	>PTCH1-G28:MLNKAEVDH	123	39
>PTCH1-G28:MLNKAEVGH	79	>PTCH1-G28:MLNKAEVDH	107	28
>PTCH1-G28:MLNKAEVGH	96	>PTCH1-G28:MLNKAEVDH	147	51
>PTCH1-G28:MLNKAEVGH	251	>PTCH1-G28:MLNKAEVDH	517	266
>PTCH1-G28:MLNKAEVGH	216	>PTCH1-G28:MLNKAEVDH	117	99
>PTCH1-G28:MLNKAEVGH	553	>PTCH1-G28:MLNKAEVDH	482	71
>PTCH1-G48:GLGLCSLIGI	127	>PTCH1-G48:RLGLCSLIGI	73	54
>PTCH1-G48:GLGLCSLI	184	>PTCH1-G48:RLGLCSLI	215	31
>PTCH1-G48:GLGLCSLIGI	49	>PTCH1-G48:RLGLCSLIGI	48	1
>PTCH1-G48:GLGLCSLI	331	>PTCH1-G48:RLGLCSLI	186	145
>PTCH1-G48:GLGLCSLIGI	92	>PTCH1-G48:RLGLCSLIGI	58	34
>PTCH1-G48:GLGLCSLIGI	647	>PTCH1-G48:RLGLCSLIGI	243	404
>PTCH1-G48:GLGLCSLI	849	>PTCH1-G48:RLGLCSLI	426	423
>PTCH1-G48:GLGLCSLIGI	169	>PTCH1-G48:RLGLCSLIGI	93	76
>PTCH1-G48:GLGLCSLI	208	>PTCH1-G48:RLGLCSLI	388	180
>PTCH1-G48:GLGLCSLIGI	21	>PTCH1-G48:RLGLCSLIGI	32	11
>PTCH1-G48:GLGLCSLI	355	>PTCH1-G48:RLGLCSLI	683	328
>PTCH1-G48:GLGLCSLIGI	117	>PTCH1-G48:RLGLCSLIGI	217	100
>PTCH1-G48:GLGLCSLIGI	414	>PTCH1-G48:RLGLCSLIGI	176	238
>PTCH1-G48:GLGLCSLI	150	>PTCH1-G48:RLGLCSLI	199	49
>PTCH1-G48:GLGLCSLIGI	124	>PTCH1-G48:RLGLCSLIGI	173	49
>PTCH1-G48:GLGLCSLIGI	8474	>PTCH1-G48:RLGLCSLIGI	452	8022
>PTCH1-G48:AGLGLCSL	22135	>PTCH1-G48:ARLGLCSL	95	22040
>PTCH1-G48:AGLGLCSLI	20045	>PTCH1-G48:ARLGLCSLI	169	19876
>PTCH1-G48:AGLGLCSLIGI	20792	>PTCH1-G48:ARLGLCSLIGI	84	20708
>PTCH1-G48:AGLGLCSL	11682	>PTCH1-G48:ARLGLCSL	252	11430
>PTCH1-G48:AGLGLCSLI	78	>PTCH1-G48:ARLGLCSLI	460	382
>PTCH1-G48:AGLGLCSLI	27418	>PTCH1-G48:ARLGLCSLI	455	26963
>PTCH1-G48:AGLGLCSLI	23820	>PTCH1-G48:ARLGLCSLI	45	23775
>PTCH1-G48:AGLGLCSLIGI	27738	>PTCH1-G48:ARLGLCSLIGI	105	27633
>PTCH1-G48:VLLVALSVAA	18650	>PTCH1-G48:VLLVALSVAA	87	18563
>PTCH1-G48:VLLVALSVAA	34428	>PTCH1-G48:VLLVALSVAA	444	33984
>PTCH1-G48:AAGLGLCSL	10976	>PTCH1-G48:AARLGLCSL	28	10948
>PTCH1-G48:AAGLGLCSLI	10488	>PTCH1-G48:AARLGLCSLI	44	10444
>PTCH1-G48:AAGLGLCSLIC	14610	>PTCH1-G48:AARLGLCSLIC	172	14438
>PTCH1-G48:AAGLGLCSL	4882	>PTCH1-G48:AARLGLCSL	80	4802
>PTCH1-G48:AAGLGLCSL	339	>PTCH1-G48:AARLGLCSL	11	328
>PTCH1-G48:AAGLGLCSLI	4265	>PTCH1-G48:AARLGLCSLI	175	4090
>PTCH1-G48:VAAGLGLCSL	448	>PTCH1-G48:VAARLGLCSL	682	234

>PTCH1-G48·VAAGLGLCSL	461	>PTCH1-G48·VAARLGLCSL	1401	940
>PTCH1-G48·VAAGLGLCSL	96	>PTCH1-G48·VAARLGLCSL	304	208
>PTCH1-G48·VAAGLGLCSL	158	>PTCH1-G48·VAARLGLCSL	166	8
>PTCH1-G48·VAAGLGLCSL	282	>PTCH1-G48·VAARLGLCSL	180	102
>PTCH1-G48·SVAAGLGLCS	398	>PTCH1-G48·SVAARLGLCS	582	184
>PTCH1-G48·SVAAGLGL	141	>PTCH1-G48·SVAARLGL	193	52
>PTCH1-G48·SVAAGLGLCS	44	>PTCH1-G48·SVAARLGLCS	47	3
>PTCH1-G48·SVAAGLGL	131	>PTCH1-G48·SVAARLGL	226	95
>PTCH1-G48·SVAAGLGLCS	35	>PTCH1-G48·SVAARLGLCS	42	7
>PTCH1-G48·SVAAGLGL	49	>PTCH1-G48·SVAARLGL	120	71
>PTCH1-G48·SVAAGLGLCS	19	>PTCH1-G48·SVAARLGLCS	32	13
>PTCH1-G48·SVAAGLGL	382	>PTCH1-G48·SVAARLGL	2055	1673
>PTCH1-G48·SVAAGLGLCS	268	>PTCH1-G48·SVAARLGLCS	710	442
>PTCH1-G48·SVAAGLGL	198	>PTCH1-G48·SVAARLGL	361	163
>PTCH1-G48·SVAAGLGLCS	36	>PTCH1-G48·SVAARLGLCS	64	28
>PTCH1-G48·SVAAGLGLCS	319	>PTCH1-G48·SVAARLGLCS	728	409
>PTCH1-G48·SVAAGLGL	110	>PTCH1-G48·SVAARLGL	83	27
>PTCH1-G48·SVAAGLGLCS	72	>PTCH1-G48·SVAARLGLCS	130	58
>PTCH1-G48·SVAAGLGL	199	>PTCH1-G48·SVAARLGL	720	521
>PTCH1-G48·SVAAGLGLCS	176	>PTCH1-G48·SVAARLGLCS	652	476
>PTCH1-G48·SVAAGLGL	615	>PTCH1-G48·SVAARLGL	419	196
>PTCH1-G48·SVAAGLGLCS	288	>PTCH1-G48·SVAARLGLCS	211	77
>PTCH1-G48·LSVAAGLGL	406	>PTCH1-G48·LSVAARLGL	1405	999
>PTCH1-G48·LSVAAGLGL	5	>PTCH1-G48·LSVAARLGL	8	3
>PTCH1-G48·LSVAAGLGL	590	>PTCH1-G48·LSVAARLGL	406	184
>PTCH1-G48·LSVAAGLGL	163	>PTCH1-G48·LSVAARLGL	366	203
>PTCH1-G48·ALSVAAGL	11	>PTCH1-G48·ALSVAARL	18	7
>PTCH1-G48·ALSVAAGLGL	48	>PTCH1-G48·ALSVAARLGL	41	7
>PTCH1-G48·ALSVAAGL	40	>PTCH1-G48·ALSVAARL	97	57
>PTCH1-G48·ALSVAAGLGL	199	>PTCH1-G48·ALSVAARLGL	187	12
>PTCH1-G48·ALSVAAGL	468	>PTCH1-G48·ALSVAARL	2169	1701
>PTCH1-G48·ALSVAAGL	103	>PTCH1-G48·ALSVAARL	153	50
>PTCH1-G48·ALSVAAGLGL	270	>PTCH1-G48·ALSVAARLGL	831	561
>PTCH1-G48·ALSVAAGL	110	>PTCH1-G48·ALSVAARL	421	311
>PTCH1-G48·ALSVAAGLGL	439	>PTCH1-G48·ALSVAARLGL	1526	1087
>PTCH1-G48·ALSVAAGL	73	>PTCH1-G48·ALSVAARL	216	143
>PTCH1-G48·ALSVAAGLGL	91	>PTCH1-G48·ALSVAARLGL	289	198
>PTCH1-G48·ALSVAAGL	66	>PTCH1-G48·ALSVAARL	184	118
>PTCH1-G48·ALSVAAGLGL	469	>PTCH1-G48·ALSVAARLGL	1214	745
>PTCH1-G48·ALSVAAGL	7	>PTCH1-G48·ALSVAARL	8	1
>PTCH1-G48·ALSVAAGLGL	12	>PTCH1-G48·ALSVAARLGL	13	1
>PTCH1-G48·VALSVAAGL	628	>PTCH1-G48·VALSVAARL	379	249
>PTCH1-G48·VALSVAAGL	257	>PTCH1-G48·VALSVAARL	1443	1186

>PTCH1-G48·VALSVAAGLC	337	>PTCH1-G48·VALSVAARLG	777	440
>PTCH1-G48·VALSVAAGL	181	>PTCH1-G48·VALSVAARL	301	120
>PTCH1-G48·VALSVAAGLC	486	>PTCH1-G48·VALSVAARLG	1273	787
>PTCH1-G48·VALSVAAG	20076	>PTCH1-G48·VALSVAAR	40	20036
>PTCH1-G48·VALSVAAG	33040	>PTCH1-G48·VALSVAAR	216	32824
>PTCH1-G48·VALSVAAG	35848	>PTCH1-G48·VALSVAAR	118	35730
>PTCH1-G48·VALSVAAGL	350	>PTCH1-G48·VALSVAARL	1606	1256
>PTCH1-G48·VALSVAAGL	31	>PTCH1-G48·VALSVAARL	25	6
>PTCH1-G48·VALSVAAGLC	32	>PTCH1-G48·VALSVAARLG	71	39
>PTCH1-G48·VALSVAAGL	901	>PTCH1-G48·VALSVAARL	135	766
>PTCH1-G48·LVALSVAAGL	227	>PTCH1-G48·LVALSVAARL	294	67
>PTCH1-G48·LVALSVAAGL	446	>PTCH1-G48·LVALSVAARL	1336	890
>PTCH1-G48·LVALSVAAGL	191	>PTCH1-G48·LVALSVAARL	161	30
>PTCH1-G48·LVALSVAAG	20658	>PTCH1-G48·LVALSVAAR	56	20602
>PTCH1-G48·LVALSVAAG	19467	>PTCH1-G48·LVALSVAAR	14	19453
>PTCH1-G48·LVALSVAAGL	254	>PTCH1-G48·LVALSVAARL	267	13
>PTCH1-G48·LVALSVAAGL	211	>PTCH1-G48·LVALSVAARL	184	27
>PTCH1-G48·LLVALSVAAG	69	>PTCH1-G48·LLVALSVAAR	84	15
>PTCH1-G48·LLVALSVAAG	13	>PTCH1-G48·LLVALSVAAR	17	4
>PTCH1-G48·LLVALSVAAG	22	>PTCH1-G48·LLVALSVAAR	37	15
>PTCH1-G48·LLVALSVAAG	39	>PTCH1-G48·LLVALSVAAR	164	125
>PTCH1-G48·LLVALSVAAG	8	>PTCH1-G48·LLVALSVAAR	11	3
>PTCH1-G48·LLVALSVAAG	17	>PTCH1-G48·LLVALSVAAR	49	32
>PTCH1-G48·LLVALSVAAG	36	>PTCH1-G48·LLVALSVAAR	90	54
>PTCH1-G48·LLVALSVAAG	53	>PTCH1-G48·LLVALSVAAR	176	123
>PTCH1-G48·LLVALSVAAG	4	>PTCH1-G48·LLVALSVAAR	4	0
>PTCH1-G48·LLVALSVAAG	21743	>PTCH1-G48·LLVALSVAAR	73	21670
>PTCH1-G48·LLVALSVAAG	28836	>PTCH1-G48·LLVALSVAAR	475	28361
>PTCH1-G48·LLVALSVAAG	29769	>PTCH1-G48·LLVALSVAAR	45	29724
>PTCH1-G48·LLVALSVAAG	282	>PTCH1-G48·LLVALSVAAR	4058	3776
>PTCH1-G48·LLVALSVAAG	307	>PTCH1-G48·LLVALSVAAR	427	120
>PTCH1-G48·LLVALSVAAG	30763	>PTCH1-G48·LLVALSVAAR	309	30454
>PTCH1-G48·LLVALSVAAG	35827	>PTCH1-G48·LLVALSVAAR	351	35476
>PTCH1-G54!GASVALTSI	10024	>PTCH1-G54!EASVALTSI	78	9946
>PTCH1-G54!GASVALTSI	13425	>PTCH1-G54!EASVALTSI	233	13192
>PTCH1-G54!GASVALTSI	134	>PTCH1-G54!EASVALTSI	326	192
>PTCH1-G54!TGASVALT	38460	>PTCH1-G54!TEASVALT	209	38251
>PTCH1-G54!TGASVALTSI	2503	>PTCH1-G54!TEASVALTSI	6	2497
>PTCH1-G54!TGASVALTSI	34385	>PTCH1-G54!TEASVALTSI	160	34225
>PTCH1-G54!TGASVALT	40983	>PTCH1-G54!TEASVALT	263	40720
>PTCH1-G54!TGASVALTSI	19849	>PTCH1-G54!TEASVALTSI	11	19838
>PTCH1-G54!RTGASVALTS	294	>PTCH1-G54!RTEASVALTSI	1324	1030
>PTCH1-G54!RTGASVAL	426	>PTCH1-G54!RTEASVAL	548	122

>PTCH1-G54!RTGASVALTS	208	>PTCH1-G54!RTEASVALTSI	257	49
>PTCH1-G54!RTGASVAL	40	>PTCH1-G54!RTEASVAL	70	30
>PTCH1-G54!RTGASVALTS	36	>PTCH1-G54!RTEASVALTSI	70	34
>PTCH1-G54!RTGASVAL	386	>PTCH1-G54!RTEASVAL	3627	3241
>PTCH1-G54!RTGASVAL	6	>PTCH1-G54!RTEASVAL	4	2
>PTCH1-G54!RTGASVALT	327	>PTCH1-G54!RTEASVALT	176	151
>PTCH1-G54!RTGASVALTS	385	>PTCH1-G54!RTEASVALTS	210	175
>PTCH1-G54!RTGASVALTS	12	>PTCH1-G54!RTEASVALTSI	8	4
>PTCH1-G54!RTGASVALTS	89	>PTCH1-G54!RTEASVALTSI	1349	1260
>PTCH1-G54!RTGASVALTS	257	>PTCH1-G54!RTEASVALTSI	137	120
>PTCH1-G54!RTGASVAL	45	>PTCH1-G54!RTEASVAL	40	5
>PTCH1-G54!RTGASVALTS	386	>PTCH1-G54!RTEASVALTSI	120	266
>PTCH1-G54!RTGASVAL	243	>PTCH1-G54!RTEASVAL	450	207
>PTCH1-G54!RTGASVALTS	11	>PTCH1-G54!RTEASVALTSI	15	4
>PTCH1-G54!KRTGASVAL	283	>PTCH1-G54!KRTEASVAL	82	201
>PTCH1-G54!KRTGASVAL	66	>PTCH1-G54!KRTEASVAL	110	44
>PTCH1-G54!KRTGASVALT	568	>PTCH1-G54!KRTEASVALT	454	114
>PTCH1-G54!KRTGASVAL	61	>PTCH1-G54!KRTEASVAL	51	10
>PTCH1-G54!KRTGASVAL	142	>PTCH1-G54!KRTEASVAL	139	3
>PTCH1-G54!KRTGASVAL	240	>PTCH1-G54!KRTEASVAL	107	133
>PTCH1-G54!LKRTGASV	17	>PTCH1-G54!LKRTEASV	21	4
>PTCH1-G54!LKRTGASVA	67	>PTCH1-G54!LKRTEASVA	58	9
>PTCH1-G54!LKRTGASVAL	6	>PTCH1-G54!LKRTEASVAL	5	1
>PTCH1-G54!LKRTGASVAL	406	>PTCH1-G54!LKRTEASVAL	892	486
>PTCH1-G54!CLKRTGASV	19	>PTCH1-G54!CLKRTEASV	69	50
>PTCH1-G54!CLKRTGASVA	352	>PTCH1-G54!CLKRTEASVA	553	201
>PTCH1-G54!CLKRTGASV	184	>PTCH1-G54!CLKRTEASV	393	209
>PTCH1-G54!CLKRTGASV	122	>PTCH1-G54!CLKRTEASV	200	78
>PTCH1-G54!CLKRTGASV	8	>PTCH1-G54!CLKRTEASV	8	0
>PTCH1-G54!CLKRTGASVA	118	>PTCH1-G54!CLKRTEASVA	116	2
>PTCH1-G54!CLKRTGASV	374	>PTCH1-G54!CLKRTEASV	1173	799
>PTCH1-G54!CLKRTGASVA	250	>PTCH1-G54!CLKRTEASVA	225	25
>PTCH1-G54!CLKRTGASVA	332	>PTCH1-G54!CLKRTEASVA	511	179
>PTCH1-G54!ECLKRTGASV	72	>PTCH1-G54!ECLKRTEASV	162	90
>PTCH1-G54!GECLKRTGAS	417	>PTCH1-G54!GECLKRTEAS'	389	28
>PTCH1-G54!GECLKRTGAS	449	>PTCH1-G54!GECLKRTEAS'	827	378
>PTCH1-G54!GECLKRTGA	297	>PTCH1-G54!GECLKRTEA	236	61
>PTCH1-G54!GECLKRTGAS	57	>PTCH1-G54!GECLKRTEAS'	75	18
>PTCH1-G77·GLDLTDIV	424	>PTCH1-G77·ELDLTDIV	6485	6061
>PTCH1-G77·GLDLTDIV	173	>PTCH1-G77·ELDLTDIV	1335	1162
>PTCH1-G77·GLDLTDIV	27	>PTCH1-G77·ELDLTDIV	178	151
>PTCH1-G77·GLDLTDIV	5	>PTCH1-G77·ELDLTDIV	99	94
>PTCH1-G77·GLDLTDIV	8	>PTCH1-G77·ELDLTDIV	34	26

>PTCH1-G77·GLDLTDIV	73	>PTCH1-G77·ELDLDIV	35	38
>PTCH1-G77·GLDLTDIV	18	>PTCH1-G77·ELDLDIV	66	48
>PTCH1-G77·GLDLTDIVPR	3973	>PTCH1-G77·ELDLDIVPR	418	3555
>PTCH1-G77·GLDLTDIV	12727	>PTCH1-G77·ELDLDIV	373	12354
>PTCH1-G77·GLDLTDIVPR	1707	>PTCH1-G77·ELDLDIVPR	258	1449
>PTCH1-G77·DGLDLTDIV	12691	>PTCH1-G77·DELDLDIV	20	12671
>PTCH1-G77·DGLDLTDIVP	913	>PTCH1-G77·DELDLDIVP	494	419
>PTCH1-G77·DGLDLTDI	23201	>PTCH1-G77·DELDLDI	156	23045
>PTCH1-G77·DGLDLTDIV	20966	>PTCH1-G77·DELDLDIV	73	20893
>PTCH1-G77·DGLDLTDIVP	15570	>PTCH1-G77·DELDLDIVP	43	15527
>PTCH1-G77·DGLDLTDI	16373	>PTCH1-G77·DELDLDI	191	16182
>PTCH1-G77·DGLDLTDIV	30647	>PTCH1-G77·DELDLDIV	78	30569
>PTCH1-G77·DGLDLTDIVP	169	>PTCH1-G77·DELDLDIVP	213	44
>PTCH1-G77·RDGLDLTDI	195	>PTCH1-G77·RDELDLDI	148	47
>PTCH1-G77·RDGLDLTDI	546	>PTCH1-G77·RDELDLDI	147	399
>PTCH1-G77·RDGLDLTDIV	223	>PTCH1-G77·RDELDLDIV	76	147
>PTCH1-G77·RVRDGLDLTE	255	>PTCH1-G77·RVRDELDLD	436	181
>PTCH1-G77·RVRDGLDL	23	>PTCH1-G77·RVRDELDL	63	40
>PTCH1-G77·RVRDGLDLT	222	>PTCH1-G77·RVRDELDLT	728	506
>PTCH1-G77·RVRDGLDLTE	281	>PTCH1-G77·RVRDELDLTD	464	183
>PTCH1-G77·RVRDGLDLTE	39	>PTCH1-G77·RVRDELDLTD	79	40
>PTCH1-G77·RVRDGLDL	32	>PTCH1-G77·RVRDELDL	438	406
>PTCH1-G77·RVRDGLDL	57	>PTCH1-G77·RVRDELDL	198	141
>PTCH1-G77·TRVRDGLDL	481	>PTCH1-G77·TRVRDELDL	768	287
>PTCH1-G77·TTRVRDGL	86	>PTCH1-G77·TTRVRDEL	145	59
>PTCH1-G77·TTRVRDGLDL	54	>PTCH1-G77·TTRVRDELDL	109	55
>PTCH1-G77·TTRVRDGLDL	316	>PTCH1-G77·TTRVRDELDL	453	137
>PTCH1-G77·GTTRVRDGL	322	>PTCH1-G77·GTTRVRDEL	128	194
>PTCH1-G77·GTTRVRDGLI	458	>PTCH1-G77·GTTRVRDELC	778	320
>PTCH1-G77·LYGTTRVRDE	104	>PTCH1-G77·LYGTTRVRDE	49	55
>PTCH1-G77·LYGTTRVRDE	21	>PTCH1-G77·LYGTTRVRDE	10	11
>PTCH1-H67·HTHVYYTTA	1217	>PTCH1-H67·YTHVYYTTA	86	1131
>PTCH1-H67·HTHVYYTTA	5107	>PTCH1-H67·YTHVYYTTA	449	4658
>PTCH1-H67·HTHVYYTT	216	>PTCH1-H67·YTHVYYTT	3419	3203
>PTCH1-H67·HTHVYYTTA	15	>PTCH1-H67·YTHVYYTTA	304	289
>PTCH1-H67·HTHVYYTTAE	178	>PTCH1-H67·YTHVYYTTAE	2968	2790
>PTCH1-H67·HTHVYYTTA	159	>PTCH1-H67·YTHVYYTTA	298	139
>PTCH1-H67·HTHVYYTTA	2300	>PTCH1-H67·YTHVYYTTA	498	1802
>PTCH1-H67·HTHVYYTTA	2970	>PTCH1-H67·YTHVYYTTA	353	2617
>PTCH1-H67·TVQLRTEYDP	1860	>PTCH1-H67·TVQLRTEYDP	227	1633
>PTCH1-H67·TVQLRTEYDP	13124	>PTCH1-H67·TVQLRTEYDP	165	12959
>PTCH1-H67·DPHTHVYY	307	>PTCH1-H67·DPYTHVYY	193	114
>PTCH1-H67·DPHTHVYY	195	>PTCH1-H67·DPYTHVYY	87	108



>PTCH1-H67:DPHPTHVYY	83	>PTCH1-H67:DPYTHVYYY	28	55
>PTCH1-H67:DPHPTHVYYTT	2101	>PTCH1-H67:DPYTHVYYTT	344	1757
>PTCH1-H67:DPHPTHVYY	1028	>PTCH1-H67:DPYTHVYYY	212	816
>PTCH1-H67:DPHPTHVYYTT	511	>PTCH1-H67:DPYTHVYYTT	83	428
>PTCH1-H67:DPHPTHVYY	1397	>PTCH1-H67:DPYTHVYYY	309	1088
>PTCH1-H67:DPHPTHVYY	720	>PTCH1-H67:DPYTHVYYY	104	616
>PTCH1-H67:YDPHPTHVYY	180	>PTCH1-H67:YDPYTHVYYY	139	41
>PTCH1-H67:EYDPHPTHVYY	61	>PTCH1-H67:EYDPYTHVYYY	81	20
>PTCH1-H67:EYDPHPTHVY	253	>PTCH1-H67:EYDPYTHVY	437	184
>PTCH1-H67:EYDPHPTHVYY	731	>PTCH1-H67:EYDPYTHVYYY	473	258
>PTCH1-H67:EYDPHPTHVYY	55	>PTCH1-H67:EYDPYTHVYYY	15	40
>PTCH1-H67:EYDPHPTHVY	430	>PTCH1-H67:EYDPYTHVY	215	215
>PTCH1-H67:EYDPHPTHVYY	507	>PTCH1-H67:EYDPYTHVYYY	170	337
>PTCH1-H67:EYDPHPTHV	687	>PTCH1-H67:EYDPYTHV	415	272
>PTCH1-H67:EYDPHPTHVY	1417	>PTCH1-H67:EYDPYTHVY	473	944
>PTCH1-H67:EYDPHPTHVY	129	>PTCH1-H67:EYDPYTHVY	102	27
>PTCH1-H67:TEYDPHPTHVY	87	>PTCH1-H67:TEYDPYTHVY	106	19
>PTCH1-H67:TEYDPHPTHVY	341	>PTCH1-H67:TEYDPYTHVY	334	7
>PTCH1-H67:TEYDPHPTHVY	132	>PTCH1-H67:TEYDPYTHVY	175	43
>PTCH1-H67:TEYDPHPTHVY	346	>PTCH1-H67:TEYDPYTHVY	462	116
>PTCH1-H67:TEYDPHPTHVY	181	>PTCH1-H67:TEYDPYTHVY	273	92
>PTCH1-H67:TEYDPHPTHVY	198	>PTCH1-H67:TEYDPYTHVY	142	56
>PTCH1-H67:TEYDPHPTHVY	116	>PTCH1-H67:TEYDPYTHVY	100	16
>PTCH1-H67:TEYDPHPTH	210	>PTCH1-H67:TEYDPYTH	277	67
>PTCH1-H67:TEYDPHPTHVY	131	>PTCH1-H67:TEYDPYTHVY	162	31
>PTCH1-H67:TEYDPHPTHVY	19	>PTCH1-H67:TEYDPYTHVY	22	3
>PTCH1-H67:TEYDPHPTHV	382	>PTCH1-H67:TEYDPYTHV	319	63
>PTCH1-H67:TEYDPHPTHVY	801	>PTCH1-H67:TEYDPYTHVY	407	394
>PTCH1-H67:TEYDPHPTHVY	539	>PTCH1-H67:TEYDPYTHVY	440	99
>PTCH1-H67:TEYDPHPTHVY	253	>PTCH1-H67:TEYDPYTHVY	207	46
>PTCH1-H67:TEYDPHPTHVY	139	>PTCH1-H67:TEYDPYTHVY	92	47
>PTCH1-H67:TEYDPHPTHVY	197	>PTCH1-H67:TEYDPYTHVY	157	40
>PTCH1-H67:TEYDPHPTHV	314	>PTCH1-H67:TEYDPYTHV	290	24
>PTCH1-H67:TEYDPHPTHV	59	>PTCH1-H67:TEYDPYTHV	25	34
>PTCH1-H67:RTEYDPHPTHV	28	>PTCH1-H67:RTEYDPYTHV	25	3
>PTCH1-H67:RTEYDPHPTHV	483	>PTCH1-H67:RTEYDPYTHV	844	361
>PTCH1-H67:RTEYDPHPTHV	314	>PTCH1-H67:RTEYDPYTHV	205	109
>PTCH1-H67:RTEYDPHPTHV	17	>PTCH1-H67:RTEYDPYTHV	16	1
>PTCH1-H67:RTEYDPHPTH	621	>PTCH1-H67:RTEYDPYTH	145	476
>PTCH1-H67:RTEYDPHPTHV	159	>PTCH1-H67:RTEYDPYTHV	107	52
>PTCH1-H67:RTEYDPHPTHV	227	>PTCH1-H67:RTEYDPYTHV	355	128
>PTCH1-H67:RTEYDPHPTHV	69	>PTCH1-H67:RTEYDPYTHV	49	20
>PTCH1-H67:RTEYDPHPTHV	9	>PTCH1-H67:RTEYDPYTHV	10	1

>PTCH1-H67:RTEYDPHTHV	479	>PTCH1-H67:RTEYDPYTHV	580	101
>PTCH1-H67:RTEYDPHTH	392	>PTCH1-H67:RTEYDPYTH	472	80
>PTCH1-H67:RTEYDPHTHV	340	>PTCH1-H67:RTEYDPYTHV	252	88
>PTCH1-H67:RTEYDPHTHV	33	>PTCH1-H67:RTEYDPYTHV	22	11
>PTCH1-H67:RTEYDPHTHV	157	>PTCH1-H67:RTEYDPYTHV	101	56
>PTCH1-H67:LRTEYDPH	3676	>PTCH1-H67:LRTEYDPY	258	3418
>PTCH1-H67:LRTEYDPH	4264	>PTCH1-H67:LRTEYDPY	72	4192
>PTCH1-H67:QLRTEYDPH	9253	>PTCH1-H67:QLRTEYDPY	170	9083
>PTCH1-H67:QLRTEYDPH	9098	>PTCH1-H67:QLRTEYDPY	323	8775
>PTCH1-H67:QLRTEYDPH	5410	>PTCH1-H67:QLRTEYDPY	136	5274
>PTCH1-H67:VQLRTEYDPH	617	>PTCH1-H67:VQLRTEYDPY	236	381
>PTCH1-H67:VQLRTEYDPH	21797	>PTCH1-H67:VQLRTEYDPY	415	21382
>PTCH1-H67:VQLRTEYDPH	6994	>PTCH1-H67:VQLRTEYDPY	162	6832
>PTCH1-H67:VQLRTEYDPH	390	>PTCH1-H67:VQLRTEYDPY	7	383
>PTCH1-I159:IQTPKEEGAN	569	>PTCH1-I159:LQTPKEEGAN	495	74
>PTCH1-I159:IQTPKEEGA	367	>PTCH1-I159:LQTPKEEGA	375	8
>PTCH1-I159:IQTPKEEGAN	92	>PTCH1-I159:LQTPKEEGAN	89	3
>PTCH1-I159:IQTPKEEGAN	465	>PTCH1-I159:LQTPKEEGAN	197	268
>PTCH1-I159:MIQTPKEEGA	2774	>PTCH1-I159:MLQTPKEEGA	112	2662
>PTCH1-I159:MIQTPKEEGA	2331	>PTCH1-I159:MLQTPKEEGA	26	2305
>PTCH1-I159:EEAMFNPQLI	17	>PTCH1-I159:EEAMFNPQLI	209	192
>PTCH1-I159:EEAMFNPQLI	267	>PTCH1-I159:EEAMFNPQLI	81	186
>PTCH1-I159:EEAMFNPQLI	478	>PTCH1-I159:EEAMFNPQLI	225	253
>PTCH1-I159:EEAMFNPQLI	647	>PTCH1-I159:EEAMFNPQLI	378	269
>PTCH1-I159:EEAMFNPQLI	80	>PTCH1-I159:EEAMFNPQLI	203	123
>PTCH1-I159:EEAMFNPQLI	115	>PTCH1-I159:EEAMFNPQLI	691	576
>PTCH1-I159:LMIQTPKEEG	455	>PTCH1-I159:LMLQTPKEEG	1670	1215
>PTCH1-I159:LMIQTPKEEG	87	>PTCH1-I159:LMLQTPKEEG	729	642
>PTCH1-I159:LMIQTPKEEG	29	>PTCH1-I159:LMLQTPKEEG	9	20
>PTCH1-I159:LMIQTPKEEG	194	>PTCH1-I159:LMLQTPKEEG	107	87
>PTCH1-I159:LMIQTPKEEG	363	>PTCH1-I159:LMLQTPKEEG	45	318
>PTCH1-I159:LMIQTPKEEG	2828	>PTCH1-I159:LMLQTPKEEG	76	2752
>PTCH1-I159:LMIQTPKEEG	38	>PTCH1-I159:LMLQTPKEEG	25	13
>PTCH1-I159:QLMIQTPK	70	>PTCH1-I159:QLMLQTPK	69	1
>PTCH1-I159:QLMIQTPK	59	>PTCH1-I159:QLMLQTPK	44	15
>PTCH1-I159:MFNPQLMI	1376	>PTCH1-I159:MFNPQLML	449	927
>PTCH1-I159:MFNPQLMI	53	>PTCH1-I159:MFNPQLML	45	8
>PTCH1-I159:MFNPQLMIQ	4212	>PTCH1-I159:MFNPQLMLC	451	3761
>PTCH1-I159:AMFNPQLMI	1115	>PTCH1-I159:AMFNPQLMI	378	737
>PTCH1-I159:AMFNPQLMI	35	>PTCH1-I159:AMFNPQLMI	28	7
>PTCH1-I159:AMFNPQLMI	329	>PTCH1-I159:AMFNPQLMI	353	24
>PTCH1-I159:AMFNPQLMI	255	>PTCH1-I159:AMFNPQLMI	58	197
>PTCH1-I159:AMFNPQLMI	79	>PTCH1-I159:AMFNPQLMI	141	62

>PTCH1-I159 AMFNPQLMI	476	>PTCH1-I159 AMFNPQLMI	374	102
>PTCH1-I159 AMFNPQLMI	384	>PTCH1-I159 AMFNPQLMI	316	68
>PTCH1-I159 AMFNPQLMI	2	>PTCH1-I159 AMFNPQLMI	2	0
>PTCH1-I159 AMFNPQLMI	595	>PTCH1-I159 AMFNPQLMI	196	399
>PTCH1-I159 AMFNPQLMI	12	>PTCH1-I159 AMFNPQLMI	17	5
>PTCH1-I159 AMFNPQLMI	59	>PTCH1-I159 AMFNPQLMI	49	10
>PTCH1-I159 AMFNPQLMI	12	>PTCH1-I159 AMFNPQLMI	10	2
>PTCH1-I159 AMFNPQLMI	133	>PTCH1-I159 AMFNPQLMI	172	39
>PTCH1-I159 AMFNPQLMI	520	>PTCH1-I159 AMFNPQLMI	256	264
>PTCH1-I159 AMFNPQLMI	11	>PTCH1-I159 AMFNPQLMI	5	6
>PTCH1-I159 AMFNPQLMI	90	>PTCH1-I159 AMFNPQLMI	51	39
>PTCH1-I159 AMFNPQLMI	34	>PTCH1-I159 AMFNPQLMI	38	4
>PTCH1-I159 AMFNPQLMI	29	>PTCH1-I159 AMFNPQLMI	73	44
>PTCH1-I159 AMFNPQLMI	680	>PTCH1-I159 AMFNPQLMI	256	424
>PTCH1-I159 AMFNPQLMI	12	>PTCH1-I159 AMFNPQLMI	9	3
>PTCH1-I159 AMFNPQLMI	191	>PTCH1-I159 AMFNPQLMI	491	300
>PTCH1-I159 AMFNPQLMI	2662	>PTCH1-I159 AMFNPQLMI	455	2207
>PTCH1-I159 AMFNPQLMI	186	>PTCH1-I159 AMFNPQLMI	3599	3413
>PTCH1-I159 EAMFNPQLV	622	>PTCH1-I159 EAMFNPQLV	256	366
>PTCH1-I159 EAMFNPQLV	209	>PTCH1-I159 EAMFNPQLV	487	278
>PTCH1-I159 EAMFNPQLV	23	>PTCH1-I159 EAMFNPQLV	38	15
>PTCH1-I791 IAAQFKYFSFY	670	>PTCH1-I791 TAAQFKYFSF	181	489
>PTCH1-I791 IAAQFKYFSFY	947	>PTCH1-I791 TAAQFKYFSF	144	803
>PTCH1-I791 IAAQFKYFSFY	39	>PTCH1-I791 TAAQFKYFSF	47	8
>PTCH1-I791 IAAQFKYFSFY	12	>PTCH1-I791 TAAQFKYFSF	22	10
>PTCH1-I791 IAAQFKYFSFY	54	>PTCH1-I791 TAAQFKYFSF	16	38
>PTCH1-I791 IAAQFKYFS	2915	>PTCH1-I791 TAAQFKYFS	200	2715
>PTCH1-I791 IAAQFKYFSFY	96	>PTCH1-I791 TAAQFKYFSF	107	11
>PTCH1-I791 IAAQFKYFSFY	372	>PTCH1-I791 TAAQFKYFSF	728	356
>PTCH1-I791 IAAQFKYF	45	>PTCH1-I791 TAAQFKYF	352	307
>PTCH1-I791 IAAQFKYFSF	46	>PTCH1-I791 TAAQFKYFSF	355	309
>PTCH1-I791 IAAQFKYFSFY	91	>PTCH1-I791 TAAQFKYFSF	638	547
>PTCH1-I791 IAAQFKYF	38	>PTCH1-I791 TAAQFKYF	270	232
>PTCH1-I791 IAAQFKYFSF	23	>PTCH1-I791 TAAQFKYFSF	129	106
>PTCH1-I791 IAAQFKYFSFY	79	>PTCH1-I791 TAAQFKYFSF	555	476
>PTCH1-I791 IAAQFKYFSFY	103	>PTCH1-I791 TAAQFKYFSF	120	17
>PTCH1-I791 IAAQFKYFSFY	493	>PTCH1-I791 TAAQFKYFSF	1195	702
>PTCH1-I791 IAAQFKYF	76	>PTCH1-I791 TAAQFKYF	197	121
>PTCH1-I791 IAAQFKYFSF	127	>PTCH1-I791 TAAQFKYFSF	330	203
>PTCH1-I791 IAAQFKYFSFY	177	>PTCH1-I791 TAAQFKYFSF	555	378
>PTCH1-I791 IAAQFKYF	72	>PTCH1-I791 TAAQFKYF	577	505
>PTCH1-I791 IAAQFKYFSF	25	>PTCH1-I791 TAAQFKYFSF	111	86
>PTCH1-I791 IAAQFKYFSFY	194	>PTCH1-I791 TAAQFKYFSF	1623	1429

>PTCH1-I791 IAAQFKYFSFY	15	>PTCH1-I791 TAAQFKYFSF'	40	25
>PTCH1-I791 IAAQFKYFSFY	332	>PTCH1-I791 TAAQFKYFSF'	843	511
>PTCH1-I791 FIAAQFKY	1015	>PTCH1-I791 FTAAQFKY	30	985
>PTCH1-I791 FIAAQFKYF	139	>PTCH1-I791 FTAAQFKYF	593	454
>PTCH1-I791 FIAAQFKYFSF	59	>PTCH1-I791 FTAAQFKYFS	221	162
>PTCH1-I791 FIAAQFKYF	49	>PTCH1-I791 FTAAQFKYF	87	38
>PTCH1-I791 FIAAQFKYFSF	36	>PTCH1-I791 FTAAQFKYFS	56	20
>PTCH1-I791 FIAAQFKYF	260	>PTCH1-I791 FTAAQFKYF	58	202
>PTCH1-I791 FIAAQFKYFSF	148	>PTCH1-I791 FTAAQFKYFS	37	111
>PTCH1-I791 FIAAQFKY	414	>PTCH1-I791 FTAAQFKY	78	336
>PTCH1-I791 FIAAQFKYFSF	1357	>PTCH1-I791 FTAAQFKYFS	303	1054
>PTCH1-I791 FIAAQFKY	265	>PTCH1-I791 FTAAQFKY	36	229
>PTCH1-I791 FIAAQFKYF	348	>PTCH1-I791 FTAAQFKYF	39	309
>PTCH1-I791 FIAAQFKYFSF	525	>PTCH1-I791 FTAAQFKYFS	65	460
>PTCH1-I791 FIAAQFKY	412	>PTCH1-I791 FTAAQFKY	57	355
>PTCH1-I791 FIAAQFKYF	462	>PTCH1-I791 FTAAQFKYF	70	392
>PTCH1-I791 FIAAQFKYFSF	1720	>PTCH1-I791 FTAAQFKYFS	235	1485
>PTCH1-I791 FIAAQFKY	12	>PTCH1-I791 FTAAQFKY	9	3
>PTCH1-I791 FIAAQFKYF	361	>PTCH1-I791 FTAAQFKYF	231	130
>PTCH1-I791 FIAAQFKYFSF	213	>PTCH1-I791 FTAAQFKYFS	132	81
>PTCH1-I791 FIAAQFKY	164	>PTCH1-I791 FTAAQFKY	104	60
>PTCH1-I791 FIAAQFKY	323	>PTCH1-I791 FTAAQFKY	54	269
>PTCH1-I791 FIAAQFKY	101	>PTCH1-I791 FTAAQFKY	60	41
>PTCH1-I791 FIAAQFKYFSF	232	>PTCH1-I791 FTAAQFKYFS	1746	1514
>PTCH1-I791 FIAAQFKY	369	>PTCH1-I791 FTAAQFKY	488	119
>PTCH1-I791 FIAAQFKYF	112	>PTCH1-I791 FTAAQFKYF	155	43
>PTCH1-I791 FIAAQFKYFSF	72	>PTCH1-I791 FTAAQFKYFS	91	19
>PTCH1-I791 FIAAQFKY	132	>PTCH1-I791 FTAAQFKY	564	432
>PTCH1-I791 FIAAQFKYF	318	>PTCH1-I791 FTAAQFKYF	1355	1037
>PTCH1-I791 FIAAQFKYFSF	417	>PTCH1-I791 FTAAQFKYFS	1748	1331
>PTCH1-I791 FIAAQFKYF	43	>PTCH1-I791 FTAAQFKYF	24	19
>PTCH1-I791 FIAAQFKYFSF	40	>PTCH1-I791 FTAAQFKYFS	25	15
>PTCH1-I791 FIAAQFKY	1610	>PTCH1-I791 FTAAQFKY	6	1604
>PTCH1-I791 FIAAQFKYF	2578	>PTCH1-I791 FTAAQFKYF	8	2570
>PTCH1-I791 FIAAQFKYFSF	1006	>PTCH1-I791 FTAAQFKYFS	6	1000
>PTCH1-I791 FIAAQFKY	177	>PTCH1-I791 FTAAQFKY	230	53
>PTCH1-I791 FIAAQFKYFSF	394	>PTCH1-I791 FTAAQFKYFS	499	105
>PTCH1-I791 FIAAQFKY	1014	>PTCH1-I791 FTAAQFKY	107	907
>PTCH1-I791 FIAAQFKYF	3775	>PTCH1-I791 FTAAQFKYF	136	3639
>PTCH1-I791 FIAAQFKYFSF	571	>PTCH1-I791 FTAAQFKYFS	52	519
>PTCH1-I791 FIAAQFKYF	2758	>PTCH1-I791 FTAAQFKYF	17	2741
>PTCH1-I791 FIAAQFKYFSF	6643	>PTCH1-I791 FTAAQFKYFS	50	6593
>PTCH1-I791 FIAAQFKY	2490	>PTCH1-I791 FTAAQFKY	112	2378

>PTCH1-I791 FIAAQFKYF	2369	>PTCH1-I791 FTAAQFKYF	70	2299
>PTCH1-I791 FIAAQFKYFSF	2729	>PTCH1-I791 FTAAQFKYFS	98	2631
>PTCH1-I791 FIAAQFKY	77	>PTCH1-I791 FTAAQFKY	251	174
>PTCH1-I791 FIAAQFKYFSF	237	>PTCH1-I791 FTAAQFKYFS	816	579
>PTCH1-I791 FIAAQFKY	138	>PTCH1-I791 FTAAQFKY	141	3
>PTCH1-I791 VPRETREYDF	211	>PTCH1-I791 VPRETREYDF	1634	1423
>PTCH1-I791 DFIAAQFKYF	75	>PTCH1-I791 DFTAAQFKYF	132	57
>PTCH1-I791 DFIAAQFKYF	100	>PTCH1-I791 DFTAAQFKYF	197	97
>PTCH1-I791 DFIAAQFKY	383	>PTCH1-I791 DFTAAQFKY	5410	5027
>PTCH1-I791 DFIAAQFKYF	308	>PTCH1-I791 DFTAAQFKYF	6081	5773
>PTCH1-I791 DFIAAQFKY	14	>PTCH1-I791 DFTAAQFKY	33	19
>PTCH1-I791 DFIAAQFKYF	403	>PTCH1-I791 DFTAAQFKYF	749	346
>PTCH1-I791 DFIAAQFKY	480	>PTCH1-I791 DFTAAQFKY	519	39
>PTCH1-I791 DFIAAQFK	119	>PTCH1-I791 DFTAAQFK	116	3
>PTCH1-I791 DFIAAQFK	67	>PTCH1-I791 DFTAAQFK	114	47
>PTCH1-I791 DFIAAQFKY	445	>PTCH1-I791 DFTAAQFKY	1287	842
>PTCH1-I791 DFIAAQFKY	90	>PTCH1-I791 DFTAAQFKY	36	54
>PTCH1-I791 YDFIAAQFKYI	316	>PTCH1-I791 YDFTAAQFKY	290	26
>PTCH1-I791 YDFIAAQFKYI	1802	>PTCH1-I791 YDFTAAQFKY	251	1551
>PTCH1-I791 YDFIAAQFKY	105	>PTCH1-I791 YDFTAAQFKY	97	8
>PTCH1-I791 YDFIAAQFKY	295	>PTCH1-I791 YDFTAAQFKY	412	117
>PTCH1-I791 YDFIAAQFK	272	>PTCH1-I791 YDFTAAQFK	170	102
>PTCH1-I791 YDFIAAQF	182	>PTCH1-I791 YDFTAAQF	46	136
>PTCH1-I791 YDFIAAQFKY	863	>PTCH1-I791 YDFTAAQFKY	359	504
>PTCH1-I791 YDFIAAQFKYI	59	>PTCH1-I791 YDFTAAQFKY	22	37
>PTCH1-I791 YDFIAAQF	357	>PTCH1-I791 YDFTAAQF	347	10
>PTCH1-I791 YDFIAAQFKYI	511	>PTCH1-I791 YDFTAAQFKY	473	38
>PTCH1-I791 YDFIAAQFKY	321	>PTCH1-I791 YDFTAAQFKY	683	362
>PTCH1-I791 YDFIAAQFKYI	415	>PTCH1-I791 YDFTAAQFKY	244	171
>PTCH1-I791 EYDFIAAQF	292	>PTCH1-I791 EYDFTAAQF	439	147
>PTCH1-I791 EYDFIAAQF	359	>PTCH1-I791 EYDFTAAQF	635	276
>PTCH1-I791 EYDFIAAQF	59	>PTCH1-I791 EYDFTAAQF	63	4
>PTCH1-I791 EYDFIAAQFK'	191	>PTCH1-I791 EYDFTAAQFK	300	109
>PTCH1-I791 EYDFIAAQFK'	359	>PTCH1-I791 EYDFTAAQFK	490	131
>PTCH1-I791 EYDFIAAQFK'	22	>PTCH1-I791 EYDFTAAQFK	18	4
>PTCH1-I791 REYDFIAAQF	311	>PTCH1-I791 REYDFTAAQF	172	139
>PTCH1-I791 REYDFIAA	168	>PTCH1-I791 REYDFTAA	228	60
>PTCH1-I791 REYDFIAAQFI	524	>PTCH1-I791 REYDFTAAQF	422	102
>PTCH1-I791 REYDFIAAQFI	488	>PTCH1-I791 REYDFTAAQF	342	146
>PTCH1-I791 REYDFIAAQF	77	>PTCH1-I791 REYDFTAAQF	67	10
>PTCH1-I791 REYDFIAAQF	126	>PTCH1-I791 REYDFTAAQF	96	30
>PTCH1-I791 REYDFIAAQF	16	>PTCH1-I791 REYDFTAAQF	10	6
>PTCH1-I791 REYDFIAAQF	64	>PTCH1-I791 REYDFTAAQF	47	17

>PTCH1-I791 REYDFIAAQ	138	>PTCH1-I791 REYDFTAAQ	205	67
>PTCH1-I791 REYDFIAAQF	137	>PTCH1-I791 REYDFTAAQF	504	367
>PTCH1-I791 REYDFIAA	108	>PTCH1-I791 REYDFTAA	175	67
>PTCH1-I791 REYDFIAAQF	448	>PTCH1-I791 REYDFTAAQF	466	18
>PTCH1-I791 REYDFIAA	20	>PTCH1-I791 REYDFTAA	25	5
>PTCH1-I791 REYDFIAAQ	193	>PTCH1-I791 REYDFTAAQ	404	211
>PTCH1-I791 REYDFIAAQF	132	>PTCH1-I791 REYDFTAAQF	166	34
>PTCH1-I791 REYDFIAAQF	14	>PTCH1-I791 REYDFTAAQF	19	5
>PTCH1-I791 REYDFIAAQF	14	>PTCH1-I791 REYDFTAAQF	19	5
>PTCH1-I791 REYDFIAA	5	>PTCH1-I791 REYDFTAA	7	2
>PTCH1-I791 REYDFIAAQ	176	>PTCH1-I791 REYDFTAAQ	209	33
>PTCH1-I791 REYDFIAAQF	96	>PTCH1-I791 REYDFTAAQF	201	105
>PTCH1-I791 REYDFIAAQF	433	>PTCH1-I791 REYDFTAAQF	502	69
>PTCH1-I791 REYDFIAAQF	400	>PTCH1-I791 REYDFTAAQF	680	280
>PTCH1-I791 REYDFIAAQF	318	>PTCH1-I791 REYDFTAAQF	488	170
>PTCH1-I791 REYDFIAAQ	75	>PTCH1-I791 REYDFTAAQ	79	4
>PTCH1-I791 REYDFIAAQF	147	>PTCH1-I791 REYDFTAAQF	127	20
>PTCH1-I791 REYDFIAAQF	147	>PTCH1-I791 REYDFTAAQF	135	12
>PTCH1-I791 REYDFIAAQF	148	>PTCH1-I791 REYDFTAAQF	107	41
>PTCH1-I791 TREYDFIAAQ	426	>PTCH1-I791 TREYDFTAAC	705	279
>PTCH1-I791 ETREYDFI	174	>PTCH1-I791 ETREYDFT	1003	829
>PTCH1-I791 ETREYDFIAA	171	>PTCH1-I791 ETREYDFTAA	286	115
>PTCH1-I791 ETREYDFI	471	>PTCH1-I791 ETREYDFT	2787	2316
>PTCH1-I791 ETREYDFIAA	478	>PTCH1-I791 ETREYDFTAA	985	507
>PTCH1-I791 ETREYDFIAA	154	>PTCH1-I791 ETREYDFTAA	53	101
>PTCH1-I791 ETREYDFIAA	592	>PTCH1-I791 ETREYDFTAA	444	148
>PTCH1-I791 ETREYDFI	67	>PTCH1-I791 ETREYDFT	2881	2814
>PTCH1-I791 ETREYDFIA	736	>PTCH1-I791 ETREYDFTA	206	530
>PTCH1-I791 ETREYDFIAA	134	>PTCH1-I791 ETREYDFTAA	240	106
>PTCH1-I791 ETREYDFI	146	>PTCH1-I791 ETREYDFT	3570	3424
>PTCH1-I791 ETREYDFIA	1779	>PTCH1-I791 ETREYDFTA	438	1341
>PTCH1-I791 ETREYDFIAA	404	>PTCH1-I791 ETREYDFTAA	486	82
>PTCH1-I791 ETREYDFI	436	>PTCH1-I791 ETREYDFT	34408	33972
>PTCH1-I791 RETREYDFI	6	>PTCH1-I791 RETREYDFT	1457	1451
>PTCH1-I791 RETREYDFI	36	>PTCH1-I791 RETREYDFT	3146	3110
>PTCH1-I791 RETREYDFIA/	357	>PTCH1-I791 RETREYDFTA	756	399
>PTCH1-I791 RETREYDFI	312	>PTCH1-I791 RETREYDFT	736	424
>PTCH1-I791 RETREYDFIA	250	>PTCH1-I791 RETREYDFTA	119	131
>PTCH1-I791 RETREYDFIA/	147	>PTCH1-I791 RETREYDFTA	155	8
>PTCH1-I791 RETREYDFI	745	>PTCH1-I791 RETREYDFT	192	553
>PTCH1-I791 RETREYDFIA	325	>PTCH1-I791 RETREYDFTA	124	201
>PTCH1-I791 RETREYDFIA/	12	>PTCH1-I791 RETREYDFTA	16	4
>PTCH1-I791 RETREYDFI	14	>PTCH1-I791 RETREYDFT	1694	1680

>PTCH1-L101LFWWEQYIGL	1853	>PTCH1-L101FFWEQYIGL	119	1734
>PTCH1-L101LFWWEQYIGL	1893	>PTCH1-L101FFWEQYIGL	180	1713
>PTCH1-L101LFWWEQYIGL	4621	>PTCH1-L101FFWEQYIGL	357	4264
>PTCH1-L101LFWWEQYIGL	268	>PTCH1-L101FFWEQYIGL	35	233
>PTCH1-L101LFWWEQYIGL	3120	>PTCH1-L101FFWEQYIGL	326	2794
>PTCH1-L101LFWWEQYIGL	791	>PTCH1-L101FFWEQYIGL	58	733
>PTCH1-L101LFWWEQYIGL	770	>PTCH1-L101FFWEQYIGL	103	667
>PTCH1-L101LFWWEQYIGL	45	>PTCH1-L101FFWEQYIGL	23	22
>PTCH1-L101LFWWEQYIGLR	136	>PTCH1-L101FFWEQYIGLR	44	92
>PTCH1-L101LFWWEQYIGLR	189	>PTCH1-L101FFWEQYIGLR	315	126
>PTCH1-L101LFWWEQYIGLR	209	>PTCH1-L101FFWEQYIGLR	89	120
>PTCH1-L101LFWWEQYIGLR	49	>PTCH1-L101FFWEQYIGLR	37	12
>PTCH1-L101FLFWWEQYI	7	>PTCH1-L101FFFWEQYI	449	442
>PTCH1-L101FLFWWEQYIGL	8	>PTCH1-L101FFFWEQYIGL	752	744
>PTCH1-L101FLFWWEQYI	2	>PTCH1-L101FFFWEQYI	30	28
>PTCH1-L101FLFWWEQYIG	29	>PTCH1-L101FFFWEQYIG	3866	3837
>PTCH1-L101FLFWWEQYIGL	8	>PTCH1-L101FFFWEQYIGL	418	410
>PTCH1-L101FLFWWEQYIGL	163	>PTCH1-L101FFFWEQYIGL	8348	8185
>PTCH1-L101FLFWWEQYI	6	>PTCH1-L101FFFWEQYI	4492	4486
>PTCH1-L101FLFWWEQYIGL	26	>PTCH1-L101FFFWEQYIGL	2617	2591
>PTCH1-L101FLFWWEQYI	18	>PTCH1-L101FFFWEQYI	442	424
>PTCH1-L101FLFWWEQYIGL	48	>PTCH1-L101FFFWEQYIGL	954	906
>PTCH1-L101FLFWWEQYI	1	>PTCH1-L101FFFWEQYI	24	23
>PTCH1-L101FLFWWEQYIG	94	>PTCH1-L101FFFWEQYIG	15113	15019
>PTCH1-L101FLFWWEQYIGL	2	>PTCH1-L101FFFWEQYIGL	88	86
>PTCH1-L101FLFWWEQYIGL	198	>PTCH1-L101FFFWEQYIGL	19409	19211
>PTCH1-L101FLFWWEQYI	4	>PTCH1-L101FFFWEQYI	2639	2635
>PTCH1-L101FLFWWEQYIGL	5	>PTCH1-L101FFFWEQYIGL	2347	2342
>PTCH1-L101FLFWWEQYI	4	>PTCH1-L101FFFWEQYI	172	168
>PTCH1-L101FLFWWEQYIGL	4	>PTCH1-L101FFFWEQYIGL	261	257
>PTCH1-L101FLFWWEQYI	5	>PTCH1-L101FFFWEQYI	5133	5128
>PTCH1-L101FLFWWEQYIGL	5	>PTCH1-L101FFFWEQYIGL	6593	6588
>PTCH1-L101FLFWWEQYI	2	>PTCH1-L101FFFWEQYI	439	437
>PTCH1-L101FLFWWEQYIG	173	>PTCH1-L101FFFWEQYIG	31366	31193
>PTCH1-L101FLFWWEQYIGL	2	>PTCH1-L101FFFWEQYIGL	201	199
>PTCH1-L101FLFWWEQYIGL	179	>PTCH1-L101FFFWEQYIGL	30788	30609
>PTCH1-L101FLFWWEQYI	4225	>PTCH1-L101FFFWEQYI	206	4019
>PTCH1-L101FLFWWEQYI	4612	>PTCH1-L101FFFWEQYI	16	4596
>PTCH1-L101FLFWWEQYIGL	3806	>PTCH1-L101FFFWEQYIGL	22	3784
>PTCH1-L101FLFWWEQYIGL	289	>PTCH1-L101FFFWEQYIGL	81	208
>PTCH1-L101FLFWWEQYIGL	69	>PTCH1-L101FFFWEQYIGL	21	48
>PTCH1-L101FLFWWEQYIGL	8	>PTCH1-L101FFFWEQYIGL	15	7
>PTCH1-L101FLFWWEQYI	403	>PTCH1-L101FFFWEQYI	4720	4317

>PTCH1-L101FLFWEQYI	153	>PTCH1-L101FFFWEQYI	5189	5036
>PTCH1-L101FLFWEQYIGL	114	>PTCH1-L101FFFWEQYIGL	3230	3116
>PTCH1-L101FLFWEQYIGL	248	>PTCH1-L101FFFWEQYIGL	1941	1693
>PTCH1-L101FLFWEQYIGL	65	>PTCH1-L101FFFWEQYIGL	26	39
>PTCH1-L101FLFWEQYI	6503	>PTCH1-L101FFFWEQYI	184	6319
>PTCH1-L101LSSYPNGYPFI	4591	>PTCH1-L101LSSYPNGYPFI	170	4421
>PTCH1-L101LSSYPNGYPFI	1088	>PTCH1-L101LSSYPNGYPFI	43	1045
>PTCH1-L101LSSYPNGYPFI	59	>PTCH1-L101LSSYPNGYPFI	11	48
>PTCH1-L101LSSYPNGYPFI	1119	>PTCH1-L101LSSYPNGYPFI	64	1055
>PTCH1-L101LSSYPNGYPFI	66	>PTCH1-L101LSSYPNGYPFI	123	57
>PTCH1-L101LSSYPNGYPFI	91	>PTCH1-L101LSSYPNGYPFI	15	76
>PTCH1-L101LSSYPNGYPFI	69	>PTCH1-L101LSSYPNGYPFI	2271	2202
>PTCH1-L101PFLFWEQYI	137	>PTCH1-L101PFFFWEQYI	125	12
>PTCH1-L101PFLFWEQY	15	>PTCH1-L101PFFFWEQY	10	5
>PTCH1-L101PFLFWEQY	1141	>PTCH1-L101PFFFWEQY	132	1009
>PTCH1-L101YPFLFWEQYI	411	>PTCH1-L101YPFFFWEQYI	789	378
>PTCH1-L101YPFLFWEQYI	82	>PTCH1-L101YPFFFWEQYI	53	29
>PTCH1-L101YPFLFWEQYI	1005	>PTCH1-L101YPFFFWEQYI	471	534
>PTCH1-L101YPFLFWEQY	54	>PTCH1-L101YPFFFWEQY	25	29
>PTCH1-L101YPFLFWEQYI	534	>PTCH1-L101YPFFFWEQYI	259	275
>PTCH1-L101YPFLFWEQY	112	>PTCH1-L101YPFFFWEQY	73	39
>PTCH1-L101YPFLFWEQY	336	>PTCH1-L101YPFFFWEQY	147	189
>PTCH1-L101YPFLFWEQY	175	>PTCH1-L101YPFFFWEQY	187	12
>PTCH1-L101YPFLFWEQ	106	>PTCH1-L101YPFFFWEQ	107	1
>PTCH1-L101YPFLFWEQY	9	>PTCH1-L101YPFFFWEQY	9	0
>PTCH1-L101YPFLFWEQYI	166	>PTCH1-L101YPFFFWEQYI	152	14
>PTCH1-L101YPFLFWEQY	54	>PTCH1-L101YPFFFWEQY	50	4
>PTCH1-L101YPFLFWEQYI	486	>PTCH1-L101YPFFFWEQYI	472	14
>PTCH1-L101YPFLFWEQ	375	>PTCH1-L101YPFFFWEQ	558	183
>PTCH1-L101YPFLFWEQYI	195	>PTCH1-L101YPFFFWEQYI	300	105
>PTCH1-L101YPFLFWEQYI	140	>PTCH1-L101YPFFFWEQYI	229	89
>PTCH1-L101YPFLFWEQY	96	>PTCH1-L101YPFFFWEQY	35	61
>PTCH1-L101YPFLFWEQY	11	>PTCH1-L101YPFFFWEQY	12	1
>PTCH1-L101YPFLFWEQY	31	>PTCH1-L101YPFFFWEQY	28	3
>PTCH1-L101GYPFLFWEQ`	94	>PTCH1-L101GYPFFFWEQ`	100	6
>PTCH1-L101GYPFLFWEQ`	72	>PTCH1-L101GYPFFFWEQ`	70	2
>PTCH1-L101GYPFLFWE	362	>PTCH1-L101GYPFFFWE	269	93
>PTCH1-L101GYPFLFWEQ	53	>PTCH1-L101GYPFFFWEQ	56	3
>PTCH1-L101GYPFLFWEQ`	43	>PTCH1-L101GYPFFFWEQ`	43	0
>PTCH1-L101GYPFLFWEQ`	6	>PTCH1-L101GYPFFFWEQ`	6	0
>PTCH1-L101GYPFLFWEQ`	27	>PTCH1-L101GYPFFFWEQ`	17	10
>PTCH1-L101GYPFLFWEQ`	185	>PTCH1-L101GYPFFFWEQ`	86	99
>PTCH1-L101GYPFLFWEQ	1575	>PTCH1-L101GYPFFFWEQ	449	1126



>PTCH1-L101GYPFLWEQ'	344	>PTCH1-L101GYPFFFWEQ'	321	23
>PTCH1-L101NGYPFLWEQ'	147	>PTCH1-L101NGYPFFFWEQ'	89	58
>PTCH1-L101NGYPFLWEQ'	382	>PTCH1-L101NGYPFFFWEQ'	310	72
>PTCH1-L101NGYPFLFW	144	>PTCH1-L101NGYPFFFW	264	120
>PTCH1-L101NGYPFLWEQ'	566	>PTCH1-L101NGYPFFFWEQ'	389	177
>PTCH1-L101NGYPFLFW	182	>PTCH1-L101NGYPFFFW	124	58
>PTCH1-L101NGYPFLFW	199	>PTCH1-L101NGYPFFFW	140	59
>PTCH1-L101NGYPFLWEQ'	658	>PTCH1-L101NGYPFFFWEQ'	474	184
>PTCH1-L101NGYPFLFW	443	>PTCH1-L101NGYPFFFW	160	283
>PTCH1-L101YPNGYPFL	28	>PTCH1-L101YPNGYPFF	26	2
>PTCH1-L101YPNGYPFLF	240	>PTCH1-L101YPNGYPFFF	21	219
>PTCH1-L101YPNGYPFLF	241	>PTCH1-L101YPNGYPFFF	441	200
>PTCH1-L101YPNGYPFL	141	>PTCH1-L101YPNGYPFF	488	347
>PTCH1-L101YPNGYPFL	5967	>PTCH1-L101YPNGYPFF	343	5624
>PTCH1-L101YPNGYPFL	106	>PTCH1-L101YPNGYPFF	12	94
>PTCH1-L101YPNGYPFLF	11	>PTCH1-L101YPNGYPFFF	11	0
>PTCH1-L101YPNGYPFL	71	>PTCH1-L101YPNGYPFF	2904	2833
>PTCH1-L101YPNGYPFLF	311	>PTCH1-L101YPNGYPFFF	827	516
>PTCH1-L101YPNGYPFL	145	>PTCH1-L101YPNGYPFF	57	88
>PTCH1-L101YPNGYPFLF	16	>PTCH1-L101YPNGYPFFF	29	13
>PTCH1-L101YPNGYPFLFM	87	>PTCH1-L101YPNGYPFFFWM	142	55
>PTCH1-L101YPNGYPFLFM	691	>PTCH1-L101YPNGYPFFFWM	490	201
>PTCH1-L101YPNGYPFL	4696	>PTCH1-L101YPNGYPFF	491	4205
>PTCH1-L101YPNGYPFL	805	>PTCH1-L101YPNGYPFF	75	730
>PTCH1-L101YPNGYPFLF	120	>PTCH1-L101YPNGYPFFF	228	108
>PTCH1-L101YPNGYPFLFM	10	>PTCH1-L101YPNGYPFFFWM	10	0
>PTCH1-L101YPNGYPFLFM	762	>PTCH1-L101YPNGYPFFFWM	192	570
>PTCH1-L101SYPNGYPFL	494	>PTCH1-L101SYPNGYPFF	16106	15612
>PTCH1-L101SYPNGYPFL	1050	>PTCH1-L101SYPNGYPFF	110	940
>PTCH1-L101SYPNGYPFLF	8	>PTCH1-L101SYPNGYPFFF	8	0
>PTCH1-L101SYPNGYPFLF'	412	>PTCH1-L101SYPNGYPFFF'	206	206
>PTCH1-L101SYPNGYPFL	70	>PTCH1-L101SYPNGYPFF	21	49
>PTCH1-L101SYPNGYPFLF	17	>PTCH1-L101SYPNGYPFFF	17	0
>PTCH1-L101SYPNGYPFLF'	34	>PTCH1-L101SYPNGYPFFF'	23	11
>PTCH1-L101SYPNGYPFL	4	>PTCH1-L101SYPNGYPFF	3	1
>PTCH1-L101SYPNGYPFLF	4	>PTCH1-L101SYPNGYPFFF	4	0
>PTCH1-L101SYPNGYPFLF'	4	>PTCH1-L101SYPNGYPFFF'	4	0
>PTCH1-L101SYPNGYPFLF	148	>PTCH1-L101SYPNGYPFFF	63	85
>PTCH1-L101SYPNGYPFL	213	>PTCH1-L101SYPNGYPFF	473	260
>PTCH1-L101SYPNGYPFLF	165	>PTCH1-L101SYPNGYPFFF	274	109
>PTCH1-L101SYPNGYPFL	313	>PTCH1-L101SYPNGYPFF	465	152
>PTCH1-L101SYPNGYPFLF	160	>PTCH1-L101SYPNGYPFFF	168	8
>PTCH1-L101SYPNGYPFLF'	205	>PTCH1-L101SYPNGYPFFF'	218	13

>PTCH1-L101SSYPNGYPFL	123	>PTCH1-L101SSYPNGYPFF	276	153
>PTCH1-L101SSYPNGYPFLF	194	>PTCH1-L101SSYPNGYPFFF	80	114
>PTCH1-L101SSYPNGYPFLF'	256	>PTCH1-L101SSYPNGYPFFF'	239	17
>PTCH1-L101SSYPNGYPFL	94	>PTCH1-L101SSYPNGYPFF	427	333
>PTCH1-L101SSYPNGYPFL	346	>PTCH1-L101SSYPNGYPFF	346	0
>PTCH1-L101SSYPNGYPFLI	108	>PTCH1-L101SSYPNGYPFFI	348	240
>PTCH1-L101SSYPNGYPFL	376	>PTCH1-L101SSYPNGYPFF	325	51
>PTCH1-L101SSYPNGYPFL	419	>PTCH1-L101SSYPNGYPFF	11731	11312
>PTCH1-L101SSYPNGYPFLI	172	>PTCH1-L101SSYPNGYPFFI	288	116
>PTCH1-L101SSYPNGYPFLI	342	>PTCH1-L101SSYPNGYPFFI	482	140
>PTCH1-L101SSYPNGYPFL	5022	>PTCH1-L101SSYPNGYPFF	416	4606
>PTCH1-L101SSYPNGYPFL	1093	>PTCH1-L101SSYPNGYPFF	177	916
>PTCH1-L101SSYPNGYPFLI	3251	>PTCH1-L101SSYPNGYPFFI	381	2870
>PTCH1-L101SSYPNGYPFL	4639	>PTCH1-L101SSYPNGYPFF	300	4339
>PTCH1-L101SSYPNGYPFLI	51	>PTCH1-L101SSYPNGYPFFI	69	18
>PTCH1-L101SSYPNGYPFL	150	>PTCH1-L101SSYPNGYPFF	1724	1574
>PTCH1-L101SSYPNGYPFL	2168	>PTCH1-L101SSYPNGYPFF	499	1669
>PTCH1-L101SSYPNGYPFLI	120	>PTCH1-L101SSYPNGYPFFI	281	161
>PTCH1-L101SSYPNGYPFL	247	>PTCH1-L101SSYPNGYPFF	7858	7611
>PTCH1-L101SSYPNGYPFL	1960	>PTCH1-L101SSYPNGYPFF	108	1852
>PTCH1-L101SSYPNGYPFLI	350	>PTCH1-L101SSYPNGYPFFI	245	105
>PTCH1-L101SSYPNGYPFL	151	>PTCH1-L101SSYPNGYPFF	8	143
>PTCH1-L101SSYPNGYPFLI	16	>PTCH1-L101SSYPNGYPFFI	12	4
>PTCH1-L101SSYPNGYPFL	7	>PTCH1-L101SSYPNGYPFF	3	4
>PTCH1-L101SSYPNGYPFLI	3	>PTCH1-L101SSYPNGYPFFI	3	0
>PTCH1-L101SSYPNGYPFL	3483	>PTCH1-L101SSYPNGYPFF	387	3096
>PTCH1-L101SSYPNGYPFLI	102	>PTCH1-L101SSYPNGYPFFI	92	10
>PTCH1-L101SSYPNGYPFL	1320	>PTCH1-L101SSYPNGYPFF	63	1257
>PTCH1-L101SSYPNGYPFLI	30	>PTCH1-L101SSYPNGYPFFI	35	5
>PTCH1-L101SSYPNGYPFL	43	>PTCH1-L101SSYPNGYPFF	76	33
>PTCH1-L101SSYPNGYPFLI	61	>PTCH1-L101SSYPNGYPFFI	58	3
>PTCH1-L101SSYPNGYPFL	172	>PTCH1-L101SSYPNGYPFF	39	133
>PTCH1-L101SSYPNGYPFLI	30	>PTCH1-L101SSYPNGYPFFI	51	21
>PTCH1-L101SSYPNGYPFLI	396	>PTCH1-L101SSYPNGYPFFI	352	44
>PTCH1-L101SSYPNGYPFLI	411	>PTCH1-L101SSYPNGYPFFI	297	114
>PTCH1-L131LYRPRRDAFE	235	>PTCH1-L131PYRPRRDAFE	1896	1661
>PTCH1-L131LYRPRRDAF	259	>PTCH1-L131PYRPRRDAF	506	247
>PTCH1-L131LYRPRRDAFE	465	>PTCH1-L131PYRPRRDAFE	669	204
>PTCH1-L131LYRPRRDAFE	423	>PTCH1-L131PYRPRRDAFE	1037	614
>PTCH1-L131LYRPRRDAF	10	>PTCH1-L131PYRPRRDAF	71	61
>PTCH1-L131LYRPRRDAFE	14	>PTCH1-L131PYRPRRDAFE	138	124
>PTCH1-L131LYRPRRDA	50	>PTCH1-L131PYRPRRDA	477	427
>PTCH1-L131LYRPRRDAFE	440	>PTCH1-L131PYRPRRDAFE	2520	2080

>PTCH1-L131LYRPRRDAFE	46	>PTCH1-L131PYRPRRDAFE	330	284
>PTCH1-L131LYRPRRDAF	397	>PTCH1-L131PYRPRRDAF	2916	2519
>PTCH1-L131LYRPRRDAF	329	>PTCH1-L131PYRPRRDAF	2366	2037
>PTCH1-L131PLYRPRRDAF	33124	>PTCH1-L131PPYRPRRDAF	183	32941
>PTCH1-L131PLYRPRRDAF	490	>PTCH1-L131PPYRPRRDAF	5673	5183
>PTCH1-L131PLYRPRRDAF	145	>PTCH1-L131PPYRPRRDAF	1048	903
>PTCH1-L131PLYRPRRDAF	7591	>PTCH1-L131PPYRPRRDAF	152	7439
>PTCH1-L131PPLYRPRRDA	26406	>PTCH1-L131PPPYRPRRDA	488	25918
>PTCH1-L131PPLYRPRRDA	8917	>PTCH1-L131PPPYRPRRDA	60	8857
>PTCH1-L131WPPLYRPRRI	193	>PTCH1-L131WPPPYRPRRI	429	236
>PTCH1-L131WPPLYRPR	301	>PTCH1-L131WPPPYRPR	344	43
>PTCH1-L131LWPPLYRPR	332	>PTCH1-L131LWPPPYRPR	726	394
>PTCH1-L131LWPPLYRPRF	303	>PTCH1-L131LWPPPYRPRF	383	80
>PTCH1-L131LWPPLYRPR	32	>PTCH1-L131LWPPPYRPR	55	23
>PTCH1-L131LWPPLYRPRF	43	>PTCH1-L131LWPPPYRPRF	65	22
>PTCH1-L131LWPPLYRP	443	>PTCH1-L131LWPPPYRP	670	227
>PTCH1-L131LWPPLYRPR	335	>PTCH1-L131LWPPPYRPR	684	349
>PTCH1-L131GLWPPLYR	285	>PTCH1-L131GLWPPPYR	165	120
>PTCH1-L131GLWPPLYRP	134	>PTCH1-L131GLWPPPYRP	141	7
>PTCH1-L131GLWPPLYR	192	>PTCH1-L131GLWPPPYR	295	103
>PTCH1-L131GLWPPLYR	135	>PTCH1-L131GLWPPPYR	316	181
>PTCH1-L131GLWPPLYR	16	>PTCH1-L131GLWPPPYR	16	0
>PTCH1-L131GLWPPLYRPF	132	>PTCH1-L131GLWPPPYRPF	405	273
>PTCH1-L131GLWPPLYRPF	21	>PTCH1-L131GLWPPPYRPF	25	4
>PTCH1-L131GLWPPLYRPF	237	>PTCH1-L131GLWPPPYRPF	73	164
>PTCH1-L131GLWPPLYR	49	>PTCH1-L131GLWPPPYR	72	23
>PTCH1-L131GLWPPLYRPF	205	>PTCH1-L131GLWPPPYRPF	226	21
>PTCH1-L131GLWPPLYRPF	335	>PTCH1-L131GLWPPPYRPF	276	59
>PTCH1-L131EGLWPPLY	340	>PTCH1-L131EGLWPPPY	1631	1291
>PTCH1-L131EGLWPPLYR	271	>PTCH1-L131EGLWPPPYR	238	33
>PTCH1-L131EGLWPPLY	674	>PTCH1-L131EGLWPPPY	84	590
>PTCH1-L131EGLWPPLYR	18	>PTCH1-L131EGLWPPPYR	55	37
>PTCH1-L131EGLWPPLYRPF	71	>PTCH1-L131EGLWPPPYRPF	139	68
>PTCH1-L131REGLWPPLY	159	>PTCH1-L131REGLWPPPY	867	708
>PTCH1-L131REGLWPPLYF	469	>PTCH1-L131REGLWPPPYF	1385	916
>PTCH1-L131REGLWPPLY	120	>PTCH1-L131REGLWPPPY	969	849
>PTCH1-L131REGLWPPLY	4812	>PTCH1-L131REGLWPPPY	437	4375
>PTCH1-L131REGLWPPLY	2767	>PTCH1-L131REGLWPPPY	464	2303
>PTCH1-L131REGLWPPPL	78	>PTCH1-L131REGLWPPP	5836	5758
>PTCH1-L131REGLWPPPL	29	>PTCH1-L131REGLWPPP	869	840
>PTCH1-L131REGLWPPPLY	77	>PTCH1-L131REGLWPPPY	117	40
>PTCH1-L131REGLWPPPLYF	156	>PTCH1-L131REGLWPPPYF	267	111
>PTCH1-L131REGLWPPPLYF	19	>PTCH1-L131REGLWPPPYF	26	7

>PTCH1-L131PREGLWPPLY	264	>PTCH1-L131PREGLWPPP^	423	159
>PTCH1-L131PREGLWPPL	380	>PTCH1-L131PREGLWPPP	26129	25749
>PTCH1-L131PREGLWPPLY	261	>PTCH1-L131PREGLWPPP^	588	327
>PTCH1-L131PPREGLWPPI	742	>PTCH1-L131PPREGLWPPI	79	663
>PTCH1-L175LLQHLDOSA	755	>PTCH1-L175FLQHLDOSA	48	707
>PTCH1-L175LLQHLDOSAL	967	>PTCH1-L175FLQHLDOSAL	46	921
>PTCH1-L175LLQHLDOSALQ	1373	>PTCH1-L175FLQHLDOSALQ	71	1302
>PTCH1-L175LLQHLDOSA	161	>PTCH1-L175FLQHLDOSA	12	149
>PTCH1-L175LLQHLDOSAL	79	>PTCH1-L175FLQHLDOSAL	7	72
>PTCH1-L175LLQHLDOSALQ	756	>PTCH1-L175FLQHLDOSALQ	42	714
>PTCH1-L175LLQHLDOSA	88	>PTCH1-L175FLQHLDOSA	10	78
>PTCH1-L175LLQHLDOSAL	205	>PTCH1-L175FLQHLDOSAL	16	189
>PTCH1-L175LLQHLDOSALQ	195	>PTCH1-L175FLQHLDOSALQ	19	176
>PTCH1-L175LLQHLDOSA	929	>PTCH1-L175FLQHLDOSA	97	832
>PTCH1-L175LLQHLDOSAL	2255	>PTCH1-L175FLQHLDOSAL	121	2134
>PTCH1-L175LLQHLDOSALQ	3098	>PTCH1-L175FLQHLDOSALQ	324	2774
>PTCH1-L175LLQHLDOSA	367	>PTCH1-L175FLQHLDOSA	42	325
>PTCH1-L175LLQHLDOSAL	241	>PTCH1-L175FLQHLDOSAL	29	212
>PTCH1-L175LLQHLDOSALQ	503	>PTCH1-L175FLQHLDOSALQ	58	445
>PTCH1-L175LLQHLDOSA	126	>PTCH1-L175FLQHLDOSA	14	112
>PTCH1-L175LLQHLDOSAL	23	>PTCH1-L175FLQHLDOSAL	5	18
>PTCH1-L175LLQHLDOSALQ	522	>PTCH1-L175FLQHLDOSALQ	46	476
>PTCH1-L175LLQHLDOSA	1437	>PTCH1-L175FLQHLDOSA	107	1330
>PTCH1-L175LLQHLDOSAL	1349	>PTCH1-L175FLQHLDOSAL	106	1243
>PTCH1-L175LLQHLDOSALQ	969	>PTCH1-L175FLQHLDOSALQ	82	887
>PTCH1-L175LLQHLDOSA	42	>PTCH1-L175FLQHLDOSA	9	33
>PTCH1-L175LLQHLDOSAL	21	>PTCH1-L175FLQHLDOSAL	7	14
>PTCH1-L175LLQHLDOSALQ	690	>PTCH1-L175FLQHLDOSALQ	97	593
>PTCH1-L175LLQHLDOSALQ	23	>PTCH1-L175FLQHLDOSALQ	7	16
>PTCH1-L175LLQHLDOSAL	1246	>PTCH1-L175FLQHLDOSAL	434	812
>PTCH1-L175LLQHLDOSAL	146	>PTCH1-L175FLQHLDOSAL	184	38
>PTCH1-L175LLQHLDOSAL	1173	>PTCH1-L175FLQHLDOSAL	145	1028
>PTCH1-L175ALLQHLDOSA	88	>PTCH1-L175AFLQHLDOSA	18062	17974
>PTCH1-L175ALLQHLDOSAL	105	>PTCH1-L175AFLQHLDOSAL	11851	11746
>PTCH1-L175ALLQHLDOSA	51	>PTCH1-L175AFLQHLDOSA	4841	4790
>PTCH1-L175ALLQHLDOSAL	29	>PTCH1-L175AFLQHLDOSAL	2723	2694
>PTCH1-L175ALLQHLDOSA	19	>PTCH1-L175AFLQHLDOSA	11410	11391
>PTCH1-L175ALLQHLDOSAL	88	>PTCH1-L175AFLQHLDOSAL	10479	10391
>PTCH1-L175ALLQHLDOSA	24	>PTCH1-L175AFLQHLDOSA	3296	3272
>PTCH1-L175ALLQHLDOSAL	321	>PTCH1-L175AFLQHLDOSAL	8072	7751
>PTCH1-L175ALLQHLDOSA	11	>PTCH1-L175AFLQHLDOSA	10880	10869
>PTCH1-L175ALLQHLDOSAL	8	>PTCH1-L175AFLQHLDOSAL	6797	6789
>PTCH1-L175ALLQHLDOSA	56	>PTCH1-L175AFLQHLDOSA	17465	17409

>PTCH1-L175 ALLQHLSAL	13	>PTCH1-L175 AFLQHLSAL	13858	13845
>PTCH1-L175 ALLQHLSA	48	>PTCH1-L175 AFLQHLSA	17615	17567
>PTCH1-L175 ALLQHLSAL	25	>PTCH1-L175 AFLQHLSAL	13614	13589
>PTCH1-L175 ALLQHLSA	413	>PTCH1-L175 AFLQHLSA	19880	19467
>PTCH1-L175 ALLQHLSAL	179	>PTCH1-L175 AFLQHLSAL	19556	19377
>PTCH1-L175 ALLQHLSA	11	>PTCH1-L175 AFLQHLSA	19592	19581
>PTCH1-L175 ALLQHLSAL	6	>PTCH1-L175 AFLQHLSAL	12068	12062
>PTCH1-L175 ALLQHLSAL	87	>PTCH1-L175 AFLQHLSAL	27066	26979
>PTCH1-L175 ALLQHLSAL	10053	>PTCH1-L175 AFLQHLSAL	85	9968
>PTCH1-L175 ALLQHLSAL	12624	>PTCH1-L175 AFLQHLSAL	182	12442
>PTCH1-L175 EGANVLTTEA	174	>PTCH1-L175 EGANVLTTEA	11482	11308
>PTCH1-L175 EGANVLTTEA	3772	>PTCH1-L175 EGANVLTTEA	246	3526
>PTCH1-L175 EALLQHLSA	2721	>PTCH1-L175 EAFLQHLSA	197	2524
>PTCH1-L175 EALLQHLSA	993	>PTCH1-L175 EAFLQHLSA	338	655
>PTCH1-L175 EALLQHLSA	239	>PTCH1-L175 EAFLQHLSA	166	73
>PTCH1-L175 TEALLQHL	63	>PTCH1-L175 TEAFLQHL	260	197
>PTCH1-L175 TEALLQHLS	390	>PTCH1-L175 TEAFLQHLS	1249	859
>PTCH1-L175 TEALLQHL	142	>PTCH1-L175 TEAFLQHL	89	53
>PTCH1-L175 TEALLQHL	262	>PTCH1-L175 TEAFLQHL	334	72
>PTCH1-L175 TEALLQHLS	224	>PTCH1-L175 TEAFLQHLS	276	52
>PTCH1-L175 TEALLQHLS	31	>PTCH1-L175 TEAFLQHLS	29	2
>PTCH1-L175 TTEALLQHL	745	>PTCH1-L175 TTEAFLQHL	397	348
>PTCH1-L175 TTEALLQHL	506	>PTCH1-L175 TTEAFLQHL	337	169
>PTCH1-L175 TTEALLQHL	407	>PTCH1-L175 TTEAFLQHL	145	262
>PTCH1-L175 LTTEALLQHL	290	>PTCH1-L175 LTTEAFLQHL	286	4
>PTCH1-L175 LTTEALLQHL	311	>PTCH1-L175 LTTEAFLQHL	723	412
>PTCH1-L175 LTTEALLQHL	179	>PTCH1-L175 LTTEAFLQHL	74	105
>PTCH1-L175 LTTEALLQHL	643	>PTCH1-L175 LTTEAFLQHL	312	331
>PTCH1-L175 LTTEALLQH	239	>PTCH1-L175 LTTEAFLQH	697	458
>PTCH1-L175 LTTEALLQHL	25	>PTCH1-L175 LTTEAFLQHL	38	13
>PTCH1-L175 LTTEALLQHL	313	>PTCH1-L175 LTTEAFLQHL	420	107
>PTCH1-L175 LTTEALLQHL	42	>PTCH1-L175 LTTEAFLQHL	18	24
>PTCH1-L175 LTTEALLQHL	217	>PTCH1-L175 LTTEAFLQHL	188	29
>PTCH1-L175 LTTEALLQHL	179	>PTCH1-L175 LTTEAFLQHL	212	33
>PTCH1-L175 VLTTEALL	544	>PTCH1-L175 VLTTEAFL	195	349
>PTCH1-L175 VLTTEALLQH	690	>PTCH1-L175 VLTTEAFLQH	250	440
>PTCH1-L175 VLTTEALL	48	>PTCH1-L175 VLTTEAFL	18	30
>PTCH1-L175 VLTTEALLQH	61	>PTCH1-L175 VLTTEAFLQH	26	35
>PTCH1-L175 VLTTEALL	424	>PTCH1-L175 VLTTEAFL	326	98
>PTCH1-L175 VLTTEALLQH	291	>PTCH1-L175 VLTTEAFLQH	234	57
>PTCH1-L175 VLTTEALL	1611	>PTCH1-L175 VLTTEAFL	425	1186
>PTCH1-L175 VLTTEALLQH	332	>PTCH1-L175 VLTTEAFLQH	132	200
>PTCH1-L175 VLTTEALL	234	>PTCH1-L175 VLTTEAFL	53	181

>PTCH1-L175 VLTTEALLQH	162	>PTCH1-L175 VLTTEAFLQH	70	92
>PTCH1-L175 VLTTEALL	237	>PTCH1-L175 VLTTEAFL	37	200
>PTCH1-L175 VLTTEALLQH	106	>PTCH1-L175 VLTTEAFLQH	36	70
>PTCH1-L175 VLTTEALL	116	>PTCH1-L175 VLTTEAFL	24	92
>PTCH1-L175 VLTTEALLQH	50	>PTCH1-L175 VLTTEAFLQH	30	20
>PTCH1-L175 VLTTEALL	758	>PTCH1-L175 VLTTEAFL	57	701
>PTCH1-L175 VLTTEALLQH	747	>PTCH1-L175 VLTTEAFLQH	208	539
>PTCH1-L175 VLTTEALL	7	>PTCH1-L175 VLTTEAFL	5	2
>PTCH1-L175 VLTTEALLQ	429	>PTCH1-L175 VLTTEAFLQ	109	320
>PTCH1-L175 VLTTEALLQH	6	>PTCH1-L175 VLTTEAFLQH	4	2
>PTCH1-L175 NVLTTEALL	2153	>PTCH1-L175 NVLTTEAFL	488	1665
>PTCH1-L175 NVLTTEAL	1814	>PTCH1-L175 NVLTTEAF	191	1623
>PTCH1-L175 NVLTTEAL	196	>PTCH1-L175 NVLTTEAF	7663	7467
>PTCH1-L175 NVLTTEALL	899	>PTCH1-L175 NVLTTEAFL	326	573
>PTCH1-L175 NVLTTEAL	6251	>PTCH1-L175 NVLTTEAF	384	5867
>PTCH1-L175 NVLTTEAL	2717	>PTCH1-L175 NVLTTEAF	164	2553
>PTCH1-L175 NVLTTEAL	456	>PTCH1-L175 NVLTTEAF	9178	8722
>PTCH1-L175 ANVLTTEAL	2198	>PTCH1-L175 ANVLTTEAF	104	2094
>PTCH1-L175 GANVLTTEAL	6505	>PTCH1-L175 GANVLTTEAF	239	6266
>PTCH1-L175 GANVLTTEAL	4653	>PTCH1-L175 GANVLTTEAF	254	4399
>PTCH1-L175 GANVLTTEAL	3311	>PTCH1-L175 GANVLTTEAF	324	2987
>PTCH1-L175 GANVLTTEAL	8166	>PTCH1-L175 GANVLTTEAF	487	7679
>PTCH1-L341 LIVGGTVKNS	3573	>PTCH1-L341 FIVGGTVKNS	487	3086
>PTCH1-L341 LIVGGTVKNS	1756	>PTCH1-L341 FIVGGTVKNS	136	1620
>PTCH1-L341 LIVGGTVKNS	1128	>PTCH1-L341 FIVGGTVKNS	237	891
>PTCH1-L341 LIVGGTVK	531	>PTCH1-L341 FIVGGTVK	115	416
>PTCH1-L341 ELIVGGTV	199	>PTCH1-L341 EFIVGGTV	13226	13027
>PTCH1-L341 ELIVGGTV	35	>PTCH1-L341 EFIVGGTV	12661	12626
>PTCH1-L341 ELIVGGTV	104	>PTCH1-L341 EFIVGGTV	17319	17215
>PTCH1-L341 ELIVGGTV	76	>PTCH1-L341 EFIVGGTV	13030	12954
>PTCH1-L341 ELIVGGTV	473	>PTCH1-L341 EFIVGGTV	19997	19524
>PTCH1-L341 ELIVGGTV	11	>PTCH1-L341 EFIVGGTV	13939	13928
>PTCH1-L341 ELIVGGTVK	286	>PTCH1-L341 EFIVGGTVK	498	212
>PTCH1-L341 ELIVGGTV	275	>PTCH1-L341 EFIVGGTV	4694	4419
>PTCH1-L341 ELIVGGTV	111	>PTCH1-L341 EFIVGGTV	4517	4406
>PTCH1-L341 SRKYMHWQI	685	>PTCH1-L341 SRKYMHWQI	39	646
>PTCH1-L341 SRKYMHWQI	118	>PTCH1-L341 SRKYMHWQI	459	341
>PTCH1-L341 SRKYMHWQI	190	>PTCH1-L341 SRKYMHWQI	619	429
>PTCH1-L341 EELIVGGT	159	>PTCH1-L341 EEFIVGGT	198	39
>PTCH1-L341 EELIVGGTV	53	>PTCH1-L341 EEFIVGGTV	29	24
>PTCH1-L341 EELIVGGTV	739	>PTCH1-L341 EEFIVGGTV	154	585
>PTCH1-L341 EELIVGGTV	896	>PTCH1-L341 EEFIVGGTV	363	533
>PTCH1-L341 EELIVGGT	199	>PTCH1-L341 EEFIVGGT	227	28

>PTCH1-L341EELIVGGTV	170	>PTCH1-L341EEFIVGGTV	242	72
>PTCH1-L341EELIVGGTV	413	>PTCH1-L341EEFIVGGTV	184	229
>PTCH1-L341QEELIVGGTV	40	>PTCH1-L341QEEFIVGGTV	127	87
>PTCH1-L341QEELIVGGTV	217	>PTCH1-L341QEEFIVGGTV	159	58
>PTCH1-L341QEELIVGGTV	400	>PTCH1-L341QEEFIVGGTV	155	245
>PTCH1-L341QEELIVGGTV	714	>PTCH1-L341QEEFIVGGTV	319	395
>PTCH1-L341QEELIVGGTV	59	>PTCH1-L341QEEFIVGGTV	61	2
>PTCH1-L341WQEELIVGG`	490	>PTCH1-L341WQEEFIVGG`	367	123
>PTCH1-L341WQEELIVGG	685	>PTCH1-L341WQEEFIVGG	402	283
>PTCH1-L341WQEELIVGG`	20	>PTCH1-L341WQEEFIVGG`	16	4
>PTCH1-L341WQEELIVGG`	102	>PTCH1-L341WQEEFIVGG`	61	41
>PTCH1-L341WQEELIVGG`	406	>PTCH1-L341WQEEFIVGG`	350	56
>PTCH1-L341HWQEELIV	498	>PTCH1-L341HWQEEFIV	402	96
>PTCH1-L341MHWQEELIV	465	>PTCH1-L341MHWQEEFIV	929	464
>PTCH1-L341MHWQEELI	61	>PTCH1-L341MHWQEEFI	54	7
>PTCH1-L341MHWQEELIV	385	>PTCH1-L341MHWQEEFIV	155	230
>PTCH1-L341YMHWQEEL	27	>PTCH1-L341YMHWQEEF	2877	2850
>PTCH1-L341YMHWQEELI	53	>PTCH1-L341YMHWQEEFI	32	21
>PTCH1-L341YMHWQEELI'	24	>PTCH1-L341YMHWQEEFI	16	8
>PTCH1-L341YMHWQEEL	8	>PTCH1-L341YMHWQEEF	1038	1030
>PTCH1-L341YMHWQEELI	31	>PTCH1-L341YMHWQEEFI	12	19
>PTCH1-L341YMHWQEELI'	43	>PTCH1-L341YMHWQEEFI	27	16
>PTCH1-L341YMHWQEEL	24	>PTCH1-L341YMHWQEEF	2794	2770
>PTCH1-L341YMHWQEELI	41	>PTCH1-L341YMHWQEEFI	30	11
>PTCH1-L341YMHWQEELI'	40	>PTCH1-L341YMHWQEEFI	105	65
>PTCH1-L341YMHWQEEL	170	>PTCH1-L341YMHWQEEF	2069	1899
>PTCH1-L341YMHWQEELI	465	>PTCH1-L341YMHWQEEFI	130	335
>PTCH1-L341YMHWQEELI'	164	>PTCH1-L341YMHWQEEFI	121	43
>PTCH1-L341YMHWQEEL	2	>PTCH1-L341YMHWQEEF	20	18
>PTCH1-L341YMHWQEELI	3	>PTCH1-L341YMHWQEEFI	2	1
>PTCH1-L341YMHWQEELI'	2	>PTCH1-L341YMHWQEEFI	2	0
>PTCH1-L341YMHWQEELI'	107	>PTCH1-L341YMHWQEEFI	116	9
>PTCH1-L341YMHWQEEL	13	>PTCH1-L341YMHWQEEF	3683	3670
>PTCH1-L341YMHWQEELI	47	>PTCH1-L341YMHWQEEFI	14	33
>PTCH1-L341YMHWQEELI'	9	>PTCH1-L341YMHWQEEFI	4	5
>PTCH1-L341YMHWQEEL	10	>PTCH1-L341YMHWQEEF	2471	2461
>PTCH1-L341YMHWQEELI	18	>PTCH1-L341YMHWQEEFI	9	9
>PTCH1-L341YMHWQEELI'	6	>PTCH1-L341YMHWQEEFI	5	1
>PTCH1-L341YMHWQEEL	24	>PTCH1-L341YMHWQEEF	7016	6992
>PTCH1-L341YMHWQEELI	250	>PTCH1-L341YMHWQEEFI	29	221
>PTCH1-L341YMHWQEELI'	19	>PTCH1-L341YMHWQEEFI	4	15
>PTCH1-L341YMHWQEEL	2	>PTCH1-L341YMHWQEEF	81	79
>PTCH1-L341YMHWQEELI	5	>PTCH1-L341YMHWQEEFI	5	0

>PTCH1-L341YMHWWQEELI	2	>PTCH1-L341YMHWWQEEFI	2	0
>PTCH1-L341YMHWWQEEL	1076	>PTCH1-L341YMHWWQEEF	41	1035
>PTCH1-L341YMHWWQEEL	7971	>PTCH1-L341YMHWWQEEF	201	7770
>PTCH1-L341YMHWWQEEL	1054	>PTCH1-L341YMHWWQEEF	75	979
>PTCH1-L341YMHWWQEEL	3307	>PTCH1-L341YMHWWQEEF	213	3094
>PTCH1-L341YMHWWQEEL	235	>PTCH1-L341YMHWWQEEF	13	222
>PTCH1-L341YMHWWQEEL	4190	>PTCH1-L341YMHWWQEEF	327	3863
>PTCH1-L341YMHWWQEEL	2239	>PTCH1-L341YMHWWQEEF	134	2105
>PTCH1-L341KYMHWQEEI	223	>PTCH1-L341KYMHWQEEI	11369	11146
>PTCH1-L341KYMHWQEEI	1080	>PTCH1-L341KYMHWQEEI	324	756
>PTCH1-L341KYMHWQEEI	24	>PTCH1-L341KYMHWQEEI	11	13
>PTCH1-L341KYMHWQEEI	322	>PTCH1-L341KYMHWQEEI	155	167
>PTCH1-L341KYMHWQEEI	49	>PTCH1-L341KYMHWQEEI	18	31
>PTCH1-L341KYMHWQEEI	199	>PTCH1-L341KYMHWQEEI	120	79
>PTCH1-L341KYMHWQEEI	6	>PTCH1-L341KYMHWQEEI	4	2
>PTCH1-L341KYMHWQEEI	8	>PTCH1-L341KYMHWQEEI	6	2
>PTCH1-L341KYMHWQEEI	103	>PTCH1-L341KYMHWQEEI	58	45
>PTCH1-L341KYMHWQEEI	135	>PTCH1-L341KYMHWQEEI	27	108
>PTCH1-L341KYMHWQEEI	140	>PTCH1-L341KYMHWQEEI	290	150
>PTCH1-L341KYMHWQEEI	2036	>PTCH1-L341KYMHWQEEI	71	1965
>PTCH1-L341KYMHWQEEI	7266	>PTCH1-L341KYMHWQEEI	399	6867
>PTCH1-L341KYMHWQEEI	130	>PTCH1-L341KYMHWQEEI	198	68
>PTCH1-L341KYMHWQEEI	273	>PTCH1-L341KYMHWQEEI	309	36
>PTCH1-L341KYMHWQEEI	97	>PTCH1-L341KYMHWQEEI	335	238
>PTCH1-L341KYMHWQEEI	261	>PTCH1-L341KYMHWQEEI	120	141
>PTCH1-L341KYMHWQEEI	313	>PTCH1-L341KYMHWQEEI	304	9
>PTCH1-L341RKYMHWQEI	221	>PTCH1-L341RKYMHWQEI	97	124
>PTCH1-L341RKYMHWQEI	7	>PTCH1-L341RKYMHWQEI	2	5
>PTCH1-L341RKYMHWQEI	29	>PTCH1-L341RKYMHWQEI	20	9
>PTCH1-L341RKYMHWQEI	93	>PTCH1-L341RKYMHWQEI	167	74
>PTCH1-L341RKYMHWQEI	108	>PTCH1-L341RKYMHWQEI	1342	1234
>PTCH1-L341RKYMHWQEI	267	>PTCH1-L341RKYMHWQEI	1200	933
>PTCH1-L341RKYMHWQEI	232	>PTCH1-L341RKYMHWQEI	502	270
>PTCH1-L341RKYMHWQEI	393	>PTCH1-L341RKYMHWQEI	2576	2183
>PTCH1-L341RKYMHWQEI	214	>PTCH1-L341RKYMHWQEI	289	75
>PTCH1-L341RKYMHWQEI	212	>PTCH1-L341RKYMHWQEI	210	2
>PTCH1-L431LKSFSVSV	37	>PTCH1-L431QKSFSVSV	82	45
>PTCH1-L431LKSFSVSVI	21	>PTCH1-L431QKSFSVSVI	39	18
>PTCH1-L431LKSFSVSVIR	314	>PTCH1-L431QKSFSVSVII	578	264
>PTCH1-L431LKSFSVSVI	373	>PTCH1-L431QKSFSVSVI	375	2
>PTCH1-L431ILKSFSVSV	88	>PTCH1-L431IQKSFSVSV	1480	1392
>PTCH1-L431ILKSFSVDV	65	>PTCH1-L431IQKSFSVDV	2652	2587
>PTCH1-L431ILKSFSVSV	12	>PTCH1-L431IQKSFSVSV	73	61



>PTCH1-L431ILKSFSDVSVI	99	>PTCH1-L431IQKSFSDVSVI	3779	3680
>PTCH1-L431ILKSFSDV	5	>PTCH1-L431IQKSFSDV	57	52
>PTCH1-L431ILKSFSDVSV	13	>PTCH1-L431IQKSFSDVSV	70	57
>PTCH1-L431ILKSFSDVSVI	11	>PTCH1-L431IQKSFSDVSVI	197	186
>PTCH1-L431ILKSFSDV	1111	>PTCH1-L431IQKSFSDV	305	806
>PTCH1-L431ILKSFSDV	81	>PTCH1-L431IQKSFSDV	6571	6490
>PTCH1-L431ILKSFSDVSV	28	>PTCH1-L431IQKSFSDVSV	2927	2899
>PTCH1-L431ILKSFSDVSVI	213	>PTCH1-L431IQKSFSDVSVI	9978	9765
>PTCH1-L431ILKSFSDV	230	>PTCH1-L431IQKSFSDV	9062	8832
>PTCH1-L431ILKSFSDVSV	46	>PTCH1-L431IQKSFSDVSV	5079	5033
>PTCH1-L431ILKSFSDV	443	>PTCH1-L431IQKSFSDV	14759	14316
>PTCH1-L431ILKSFSDVSV	139	>PTCH1-L431IQKSFSDVSV	12229	12090
>PTCH1-L431ILKSFSDVSV	238	>PTCH1-L431IQKSFSDVSV	13749	13511
>PTCH1-L431ILKSFSDV	3	>PTCH1-L431IQKSFSDV	5653	5650
>PTCH1-L431ILKSFSDVSV	3	>PTCH1-L431IQKSFSDVSV	4277	4274
>PTCH1-L431ILKSFSDVSVI	91	>PTCH1-L431IQKSFSDVSVI	25205	25114
>PTCH1-L431ILKSFSDVSV	807	>PTCH1-L431IQKSFSDVSV	171	636
>PTCH1-L431ILKSFSDVSVI	424	>PTCH1-L431IQKSFSDVSVI	100	324
>PTCH1-L431ILKSFSDV	236	>PTCH1-L431IQKSFSDV	16	220
>PTCH1-L431ILKSFSDVS	4832	>PTCH1-L431IQKSFSDVS	490	4342
>PTCH1-L431ILKSFSDVSV	187	>PTCH1-L431IQKSFSDVSV	13	174
>PTCH1-L431ILKSFSDVSVI	100	>PTCH1-L431IQKSFSDVSVI	8	92
>PTCH1-L431ILKSFSDVSVI	304	>PTCH1-L431IQKSFSDVSVI	1739	1435
>PTCH1-L431SFTTTTLLDDIL	280	>PTCH1-L431SFTTTTLLDDIC	1681	1401
>PTCH1-L431DILKSFSDVSV	471	>PTCH1-L431DIKSFSDVS'	6925	6454
>PTCH1-L431DILKSFSDVSV	433	>PTCH1-L431DIKSFSDVS'	923	490
>PTCH1-L431DILKSFSDVSV	379	>PTCH1-L431DIKSFSDVS'	587	208
>PTCH1-L431DILKSFSDV	103	>PTCH1-L431DIKSFSDV	1813	1710
>PTCH1-L431DILKSFSDVSV	69	>PTCH1-L431DIKSFSDVS'	1023	954
>PTCH1-L431DDILKSFSDV	358	>PTCH1-L431DDIQKSFSDV	859	501
>PTCH1-L431LDDILKSFSDV	297	>PTCH1-L431LDDIQKSFSD'	198	99
>PTCH1-L431TTLDDILK	14	>PTCH1-L431TTLDDIQK	21	7
>PTCH1-L431TTLDDILKSF	154	>PTCH1-L431TTLDDIQKSF	253	99
>PTCH1-L431TTLDDILKSF	20	>PTCH1-L431TTLDDIQKSF	54	34
>PTCH1-L431TTLDDILKSF	187	>PTCH1-L431TTLDDIQKSF	255	68
>PTCH1-L431TTLDDILK	36	>PTCH1-L431TTLDDIQK	51	15
>PTCH1-L431TTLDDILKSF	521	>PTCH1-L431TTLDDIQKSF	407	114
>PTCH1-L431TTLDDILKSF	7	>PTCH1-L431TTLDDIQKSF	9	2
>PTCH1-L431TTLDDILKSF	115	>PTCH1-L431TTLDDIQKSF	94	21
>PTCH1-L431TTLDDILK	255	>PTCH1-L431TTLDDIQK	277	22
>PTCH1-L431TTTLDDILK	42	>PTCH1-L431TTTLDDIQK	68	26
>PTCH1-L431TTTLDDILKSF	143	>PTCH1-L431TTTLDDIQKSF	413	270
>PTCH1-L431TTTLDDILK	11	>PTCH1-L431TTTLDDIQK	16	5

>PTCH1-L431TTTTLDDILKSF	42	>PTCH1-L431TTTTLDDIQKSF	45	3
>PTCH1-L431TTTTLDDILKSF	195	>PTCH1-L431TTTTLDDIQKSF	311	116
>PTCH1-L431TTTTLDDILK	20	>PTCH1-L431TTTTLDDIQK	35	15
>PTCH1-L431TTTTLDDILK	9	>PTCH1-L431TTTTLDDIQK	19	10
>PTCH1-L431TTTTLDDIL	117	>PTCH1-L431TTTTLDDIQ	11953	11836
>PTCH1-L431TTTTLDDIL	223	>PTCH1-L431TTTTLDDIQ	11267	11044
>PTCH1-L431TTTTLDDIL	322	>PTCH1-L431TTTTLDDIQ	5037	4715
>PTCH1-L431FTTTTTLDDIL	370	>PTCH1-L431FTTTTTLDDIQ	18621	18251
>PTCH1-L431FTTTTTLDDIL	198	>PTCH1-L431FTTTTTLDDIQ	13965	13767
>PTCH1-L431FTTTTTLDDILK	125	>PTCH1-L431FTTTTTLDDIQ	247	122
>PTCH1-L431FTTTTTLDDILK	10	>PTCH1-L431FTTTTTLDDIQ	14	4
>PTCH1-L431FTTTTTLDDIL	55	>PTCH1-L431FTTTTTLDDIQ	3844	3789
>PTCH1-M11MLAGSEFDFI	28	>PTCH1-M11ILAGSEFDFI	55	27
>PTCH1-M11MLAGSEFDFI	10	>PTCH1-M11ILAGSEFDFIV	17	7
>PTCH1-M11MLAGSEFDF	153	>PTCH1-M11ILAGSEFDF	671	518
>PTCH1-M11MLAGSEFDF	169	>PTCH1-M11ILAGSEFDF	802	633
>PTCH1-M11MLAGSEFDFI	11	>PTCH1-M11ILAGSEFDFI	16	5
>PTCH1-M11MLAGSEFDFI	3	>PTCH1-M11ILAGSEFDFIV	5	2
>PTCH1-M11MLAGSEFDFI	34	>PTCH1-M11ILAGSEFDFI	56	22
>PTCH1-M11MLAGSEFDFI	6	>PTCH1-M11ILAGSEFDFIV	15	9
>PTCH1-M11MLAGSEFDFI	67	>PTCH1-M11ILAGSEFDFI	128	61
>PTCH1-M11MLAGSEFDFI	8	>PTCH1-M11ILAGSEFDFIV	18	10
>PTCH1-M11MLAGSEFDFI	9	>PTCH1-M11ILAGSEFDFI	18	9
>PTCH1-M11MLAGSEFDFI	3	>PTCH1-M11ILAGSEFDFIV	5	2
>PTCH1-M11MLAGSEFDFI	31	>PTCH1-M11ILAGSEFDFI	82	51
>PTCH1-M11MLAGSEFDFI	5	>PTCH1-M11ILAGSEFDFIV	8	3
>PTCH1-M11MLAGSEFDFI	11	>PTCH1-M11ILAGSEFDFI	15	4
>PTCH1-M11MLAGSEFDFI	5	>PTCH1-M11ILAGSEFDFIV	5	0
>PTCH1-M11MLAGSEFDFI	10	>PTCH1-M11ILAGSEFDFI	14	4
>PTCH1-M11MLAGSEFDFI	3	>PTCH1-M11ILAGSEFDFIV	3	0
>PTCH1-M11MLAGSEFDF	180	>PTCH1-M11ILAGSEFDF	728	548
>PTCH1-M11MLAGSEFDFI	5	>PTCH1-M11ILAGSEFDFI	9	4
>PTCH1-M11MLAGSEFDFI	2	>PTCH1-M11ILAGSEFDFIV	2	0
>PTCH1-M11MLAGSEFDF	361	>PTCH1-M11ILAGSEFDF	596	235
>PTCH1-M11MLAGSEFDF	307	>PTCH1-M11ILAGSEFDF	1082	775
>PTCH1-M11MLAGSEFDFI	142	>PTCH1-M11ILAGSEFDFI	1212	1070
>PTCH1-M11MLAGSEFDFI	43	>PTCH1-M11ILAGSEFDFIV	991	948
>PTCH1-M11MLAGSEFDFI	428	>PTCH1-M11ILAGSEFDFIV	4269	3841
>PTCH1-M11MLAGSEFDF	365	>PTCH1-M11ILAGSEFDF	600	235
>PTCH1-M11MLAGSEFDF	131	>PTCH1-M11ILAGSEFDF	171	40
>PTCH1-M11MLAGSEFDF	112	>PTCH1-M11ILAGSEFDF	1631	1519
>PTCH1-M11MLAGSEFDF	366	>PTCH1-M11ILAGSEFDF	8444	8078
>PTCH1-M11LMLAGSEFDF	17	>PTCH1-M11LILAGSEFDFI	151	134

>PTCH1-M11 LMLAGSEFDF	13	>PTCH1-M11 LILAGSEFDFI	74	61
>PTCH1-M11 LMLAGSEFDF	57	>PTCH1-M11 LILAGSEFDFI	650	593
>PTCH1-M11 LMLAGSEF	239	>PTCH1-M11 LILAGSEF	480	241
>PTCH1-M11 LMLAGSEFDF	7	>PTCH1-M11 LILAGSEFDFI	9	2
>PTCH1-M11 LMLAGSEF	145	>PTCH1-M11 LILAGSEF	4993	4848
>PTCH1-M11 LMLAGSEFDF	3	>PTCH1-M11 LILAGSEFDFI	37	34
>PTCH1-M11 LMLAGSEFDF	6	>PTCH1-M11 LILAGSEFDFI	381	375
>PTCH1-M11 LMLAGSEFDF	9	>PTCH1-M11 LILAGSEFDFI	85	76
>PTCH1-M11 LMLAGSEFDF	4	>PTCH1-M11 LILAGSEFDFI	92	88
>PTCH1-M11 LMLAGSEFDF	17	>PTCH1-M11 LILAGSEFDFI	397	380
>PTCH1-M11 LMLAGSEF	74	>PTCH1-M11 LILAGSEF	1051	977
>PTCH1-M11 LMLAGSEFDF	109	>PTCH1-M11 LILAGSEFDF	1416	1307
>PTCH1-M11 LMLAGSEF	300	>PTCH1-M11 LILAGSEF	2033	1733
>PTCH1-M11 LMLAGSEFDF	653	>PTCH1-M11 LILAGSEFDFI	297	356
>PTCH1-M11 LMLAGSEF	32	>PTCH1-M11 LILAGSEF	74	42
>PTCH1-M11 LMLAGSEFDF	102	>PTCH1-M11 LILAGSEFDF	581	479
>PTCH1-M11 LMLAGSEF	23	>PTCH1-M11 LILAGSEF	144	121
>PTCH1-M11 LMLAGSEFDF	102	>PTCH1-M11 LILAGSEFDF	834	732
>PTCH1-M11 LMLAGSEF	4	>PTCH1-M11 LILAGSEF	53	49
>PTCH1-M11 LMLAGSEFDF	8	>PTCH1-M11 LILAGSEFDF	303	295
>PTCH1-M11 LMLAGSEFDF	408	>PTCH1-M11 LILAGSEFDFI	5709	5301
>PTCH1-M11 LMLAGSEF	43	>PTCH1-M11 LILAGSEF	92	49
>PTCH1-M11 LMLAGSEFDF	221	>PTCH1-M11 LILAGSEFDF	448	227
>PTCH1-M11 LMLAGSEF	167	>PTCH1-M11 LILAGSEF	412	245
>PTCH1-M11 LMLAGSEFDF	222	>PTCH1-M11 LILAGSEFDF	814	592
>PTCH1-M11 GAVSTLLGVL	253	>PTCH1-M11 GAVSTLLGVL	1935	1682
>PTCH1-M11 GAVSTLLGVL	53	>PTCH1-M11 GAVSTLLGVL	688	635
>PTCH1-M11 VLMLAGSEFDF	666	>PTCH1-M11 VLILAGSEFDF	320	346
>PTCH1-M11 VLMLAGSEF	62	>PTCH1-M11 VLILAGSEF	66	4
>PTCH1-M11 VLMLAGSEFDF	395	>PTCH1-M11 VLILAGSEFDF	516	121
>PTCH1-M11 VLMLAGSEF	59	>PTCH1-M11 VLILAGSEF	152	93
>PTCH1-M11 VLMLAGSEFDF	352	>PTCH1-M11 VLILAGSEFDF	910	558
>PTCH1-M11 VLMLAGSEF	16	>PTCH1-M11 VLILAGSEF	31	15
>PTCH1-M11 VLMLAGSEFDF	67	>PTCH1-M11 VLILAGSEFDF	134	67
>PTCH1-M11 VLMLAGSEF	112	>PTCH1-M11 VLILAGSEF	112	0
>PTCH1-M11 VLMLAGSEF	121	>PTCH1-M11 VLILAGSEF	310	189
>PTCH1-M11 GVLMLAGSEF	114	>PTCH1-M11 GVLILAGSEF	82	32
>PTCH1-M11 LGVLMLAGSEF	102	>PTCH1-M11 LGVLILAGSEF	209	107
>PTCH1-M11 LGVLMLAGSEF	496	>PTCH1-M11 LGVLILAGSEF	519	23
>PTCH1-M11 LGVLMLAGSEF	171	>PTCH1-M11 LGVLILAGSEF	145	26
>PTCH1-M11 LLGVLMMLA	553	>PTCH1-M11 LLGVLILA	379	174
>PTCH1-M11 LLGVLMMLA	235	>PTCH1-M11 LLGVLILA	294	59
>PTCH1-M11 LLGVLMMLA	248	>PTCH1-M11 LLGVLILA	510	262

>PTCH1-M11LLGVLMLA	228	>PTCH1-M11LLGVLILA	81	147
>PTCH1-M11LLGVLMLA	239	>PTCH1-M11LLGVLILA	126	113
>PTCH1-M11LLGVLMLA	17	>PTCH1-M11LLGVLILA	13	4
>PTCH1-M11TLLGVLML	23	>PTCH1-M11TLLGVLIL	39	16
>PTCH1-M11TLLGVLMLA	27	>PTCH1-M11TLLGVLILA	35	8
>PTCH1-M11TLLGVLMLAC	785	>PTCH1-M11TLLGVLILAG	445	340
>PTCH1-M11TLLGVLML	99	>PTCH1-M11TLLGVLIL	178	79
>PTCH1-M11TLLGVLMLA	66	>PTCH1-M11TLLGVLILA	85	19
>PTCH1-M11TLLGVLML	203	>PTCH1-M11TLLGVLIL	286	83
>PTCH1-M11TLLGVLMLA	36	>PTCH1-M11TLLGVLILA	117	81
>PTCH1-M11TLLGVLML	94	>PTCH1-M11TLLGVLIL	130	36
>PTCH1-M11TLLGVLMLA	54	>PTCH1-M11TLLGVLILA	51	3
>PTCH1-M11TLLGVLML	3	>PTCH1-M11TLLGVLIL	10	7
>PTCH1-M11TLLGVLMLA	7	>PTCH1-M11TLLGVLILA	6	1
>PTCH1-M11TLLGVLMLAC	994	>PTCH1-M11TLLGVLILAG	395	599
>PTCH1-M11TLLGVLMLAC	220	>PTCH1-M11TLLGVLILAGS	136	84
>PTCH1-M11TLLGVLML	49	>PTCH1-M11TLLGVLIL	36	13
>PTCH1-M11TLLGVLMLA	182	>PTCH1-M11TLLGVLILA	188	6
>PTCH1-M11TLLGVLML	9	>PTCH1-M11TLLGVLIL	13	4
>PTCH1-M11TLLGVLMLA	15	>PTCH1-M11TLLGVLILA	14	1
>PTCH1-M11TLLGVLML	12	>PTCH1-M11TLLGVLIL	22	10
>PTCH1-M11TLLGVLMLA	87	>PTCH1-M11TLLGVLILA	84	3
>PTCH1-M11TLLGVLML	4	>PTCH1-M11TLLGVLIL	5	1
>PTCH1-M11TLLGVLMLA	5	>PTCH1-M11TLLGVLILA	7	2
>PTCH1-M11TLLGVLMLAC	477	>PTCH1-M11TLLGVLILAGS	651	174
>PTCH1-M11TLLGVLML	352	>PTCH1-M11TLLGVLIL	2071	1719
>PTCH1-M11TLLGVLML	1312	>PTCH1-M11TLLGVLIL	402	910
>PTCH1-M11STLLGVLMLA	188	>PTCH1-M11STLLGVLILA	222	34
>PTCH1-M11STLLGVLMLA	246	>PTCH1-M11STLLGVLILA	373	127
>PTCH1-M11STLLGVLMLA	288	>PTCH1-M11STLLGVLILA	546	258
>PTCH1-M11STLLGVLMLA	93	>PTCH1-M11STLLGVLILA	115	22
>PTCH1-M11STLLGVLML	395	>PTCH1-M11STLLGVLIL	2541	2146
>PTCH1-M11STLLGVLML	276	>PTCH1-M11STLLGVLIL	865	589
>PTCH1-M11STLLGVLMLA	273	>PTCH1-M11STLLGVLILA	356	83
>PTCH1-M11STLLGVLML	2799	>PTCH1-M11STLLGVLI	161	2638
>PTCH1-M11STLLGVLML	502	>PTCH1-M11STLLGVLIL	475	27
>PTCH1-M11STLLGVLMLA	433	>PTCH1-M11STLLGVLILA	693	260
>PTCH1-M11STLLGVLML	365	>PTCH1-M11STLLGVLI	169	196
>PTCH1-M11STLLGVLML	76	>PTCH1-M11STLLGVLIL	675	599
>PTCH1-M11STLLGVLMLA	271	>PTCH1-M11STLLGVLILA	444	173
>PTCH1-M11STLLGVLML	13	>PTCH1-M11STLLGVLI	83	70
>PTCH1-M11STLLGVLML	5	>PTCH1-M11STLLGVLIL	9	4
>PTCH1-M11STLLGVLML	126	>PTCH1-M11STLLGVLI	334	208

>PTCH1-M11STLLGVLM	130	>PTCH1-M11STLLGVLI	994	864
>PTCH1-M11STLLGVML	44	>PTCH1-M11STLLGVLIL	88	44
>PTCH1-M11STLLGVMLA	460	>PTCH1-M11STLLGVLILA	306	154
>PTCH1-M11STLLGVLM	5399	>PTCH1-M11STLLGVLI	383	5016
>PTCH1-M11STLLGVLM	662	>PTCH1-M11STLLGVLI	26	636
>PTCH1-M11STLLGVML	462	>PTCH1-M11STLLGVLIL	387	75
>PTCH1-M11VSTLLGVLM	54	>PTCH1-M11VSTLLGVLI	552	498
>PTCH1-M11VSTLLGVML	20	>PTCH1-M11VSTLLGVLIL	50	30
>PTCH1-M11VSTLLGVLM	29	>PTCH1-M11VSTLLGVLI	58	29
>PTCH1-M11VSTLLGVML	52	>PTCH1-M11VSTLLGVLIL	59	7
>PTCH1-M11VSTLLGVLM	25	>PTCH1-M11VSTLLGVLI	362	337
>PTCH1-M11VSTLLGVML	81	>PTCH1-M11VSTLLGVLIL	114	33
>PTCH1-M11VSTLLGVLM	7609	>PTCH1-M11VSTLLGVLI	277	7332
>PTCH1-M11VSTLLGVML	333	>PTCH1-M11VSTLLGVLIL	274	59
>PTCH1-M11AVSTLLGVLM	949	>PTCH1-M11AVSTLLGVLI	461	488
>PTCH1-M11AVSTLLGVLM	281	>PTCH1-M11AVSTLLGVLIL	552	271
>PTCH1-M11AVSTLLGVLM	319	>PTCH1-M11AVSTLLGVLIL	406	87
>PTCH1-M11AVSTLLGVLM	86	>PTCH1-M11AVSTLLGVLI	3974	3888
>PTCH1-M11AVSTLLGVLM	16768	>PTCH1-M11AVSTLLGVLI	207	16561
>PTCH1-M56MAALIPIPAL	295	>PTCH1-M56RAALIPIPAL	793	498
>PTCH1-M56MAALIPIPAL	172	>PTCH1-M56RAALIPIPAL	379	207
>PTCH1-M56MAALIPIPALF	335	>PTCH1-M56RAALIPIPALR	477	142
>PTCH1-M56MAALIPIPA	1484	>PTCH1-M56RAALIPIPA	263	1221
>PTCH1-M56MAALIPIPALF	20	>PTCH1-M56RAALIPIPALR	14	6
>PTCH1-M56MAALIPIPALF	70	>PTCH1-M56RAALIPIPALR	1493	1423
>PTCH1-M56MAALIPIPALF	2	>PTCH1-M56RAALIPIPALR	36	34
>PTCH1-M56MAALIPIPA	7	>PTCH1-M56RAALIPIPA	765	758
>PTCH1-M56MAALIPIPAL	117	>PTCH1-M56RAALIPIPAL	2963	2846
>PTCH1-M56MAALIPIPAL	161	>PTCH1-M56RAALIPIPAL	40	121
>PTCH1-M56MAALIPIPA	73	>PTCH1-M56RAALIPIPA	4198	4125
>PTCH1-M56MAALIPIPAL	268	>PTCH1-M56RAALIPIPAL	1530	1262
>PTCH1-M56MAALIPIPAL	1055	>PTCH1-M56RAALIPIPAL	295	760
>PTCH1-M56MAALIPIPA	17	>PTCH1-M56RAALIPIPA	2785	2768
>PTCH1-M56MAALIPIPALF	205	>PTCH1-M56RAALIPIPALR	69	136
>PTCH1-M56FMAALIPI	185	>PTCH1-M56FRAALIPI	14564	14379
>PTCH1-M56FMAALIPI	6	>PTCH1-M56FRAALIPI	6643	6637
>PTCH1-M56FMAALIPIPA	14	>PTCH1-M56FRAALIPIPA	5390	5376
>PTCH1-M56FMAALIPIPAL	7	>PTCH1-M56FRAALIPIPAL	9349	9342
>PTCH1-M56FMAALIPI	2	>PTCH1-M56FRAALIPI	482	480
>PTCH1-M56FMAALIPIP	44	>PTCH1-M56FRAALIPIP	19159	19115
>PTCH1-M56FMAALIPIPA	8	>PTCH1-M56FRAALIPIPA	2296	2288
>PTCH1-M56FMAALIPIPAL	2	>PTCH1-M56FRAALIPIPAL	456	454
>PTCH1-M56FMAALIPI	2	>PTCH1-M56FRAALIPI	3840	3838

>PTCH1-M56 FMAALIPIP	252	>PTCH1-M56 FRAALIPIP	22914	22662
>PTCH1-M56 FMAALIPIPA	11	>PTCH1-M56 FRAALIPIPA	3404	3393
>PTCH1-M56 FMAALIPIPAL	3	>PTCH1-M56 FRAALIPIPAL	9277	9274
>PTCH1-M56 FMAALIPI	4	>PTCH1-M56 FRAALIPI	612	608
>PTCH1-M56 FMAALIPIPA	34	>PTCH1-M56 FRAALIPIPA	869	835
>PTCH1-M56 FMAALIPIPAL	4	>PTCH1-M56 FRAALIPIPAL	728	724
>PTCH1-M56 FMAALIPI	2	>PTCH1-M56 FRAALIPI	5532	5530
>PTCH1-M56 FMAALIPIPA	3	>PTCH1-M56 FRAALIPIPA	9874	9871
>PTCH1-M56 FMAALIPIPAL	2	>PTCH1-M56 FRAALIPIPAL	2826	2824
>PTCH1-M56 FMAALIPI	5	>PTCH1-M56 FRAALIPI	12335	12330
>PTCH1-M56 FMAALIPIPA	15	>PTCH1-M56 FRAALIPIPA	17539	17524
>PTCH1-M56 FMAALIPIPAL	6	>PTCH1-M56 FRAALIPIPAL	15181	15175
>PTCH1-M56 FMAALIPI	5	>PTCH1-M56 FRAALIPI	10178	10173
>PTCH1-M56 FMAALIPIPA	7	>PTCH1-M56 FRAALIPIPA	12438	12431
>PTCH1-M56 FMAALIPIPAL	5	>PTCH1-M56 FRAALIPIPAL	7482	7477
>PTCH1-M56 FMAALIPI	6	>PTCH1-M56 FRAALIPI	18850	18844
>PTCH1-M56 FMAALIPIPA	15	>PTCH1-M56 FRAALIPIPA	18201	18186
>PTCH1-M56 FMAALIPIPAL	3	>PTCH1-M56 FRAALIPIPAL	17105	17102
>PTCH1-M56 FMAALIPI	3	>PTCH1-M56 FRAALIPI	14502	14499
>PTCH1-M56 FMAALIPIPA	4	>PTCH1-M56 FRAALIPIPA	18506	18502
>PTCH1-M56 FMAALIPIPAL	2	>PTCH1-M56 FRAALIPIPAL	5500	5498
>PTCH1-M56 FMAALIPI	92	>PTCH1-M56 FRAALIPI	1133	1041
>PTCH1-M56 FMAALIPIPA	261	>PTCH1-M56 FRAALIPIPA	8046	7785
>PTCH1-M56 FMAALIPI	37	>PTCH1-M56 FRAALIPI	8211	8174
>PTCH1-M56 FMAALIPIPA	250	>PTCH1-M56 FRAALIPIPA	13408	13158
>PTCH1-M56 FMAALIPIPAL	58	>PTCH1-M56 FRAALIPIPAL	9391	9333
>PTCH1-M56 FMAALIPI	143	>PTCH1-M56 FRAALIPI	17576	17433
>PTCH1-M56 FMAALIPIPA	419	>PTCH1-M56 FRAALIPIPA	19295	18876
>PTCH1-M56 FMAALIPIPAL	92	>PTCH1-M56 FRAALIPIPAL	15832	15740
>PTCH1-M56 FMAALIPI	91	>PTCH1-M56 FRAALIPI	267	176
>PTCH1-M56 FMAALIPIPAL	40	>PTCH1-M56 FRAALIPIPAL	105	65
>PTCH1-M56 FMAALIPI	4817	>PTCH1-M56 FRAALIPI	32	4785
>PTCH1-M56 FMAALIPIPA	23886	>PTCH1-M56 FRAALIPIPA	130	23756
>PTCH1-M56 FMAALIPIPAL	7852	>PTCH1-M56 FRAALIPIPAL	51	7801
>PTCH1-M56 FMAALIPIPAL	460	>PTCH1-M56 FRAALIPIPAL	9708	9248
>PTCH1-M56 FMAALIPI	134	>PTCH1-M56 FRAALIPI	42	92
>PTCH1-M56 FMAALIPIPAL	13	>PTCH1-M56 FRAALIPIPAL	9	4
>PTCH1-M56 FMAALIPIPAL	151	>PTCH1-M56 FRAALIPIPAL	1505	1354
>PTCH1-M56 FMAALIPI	318	>PTCH1-M56 FRAALIPI	850	532
>PTCH1-M56 FMAALIPI	14894	>PTCH1-M56 FRAALIPI	142	14752
>PTCH1-M56 FMAALIPIPAL	6100	>PTCH1-M56 FRAALIPIPAL	82	6018
>PTCH1-M56 FMAALIPI	14803	>PTCH1-M56 FRAALIPI	363	14440
>PTCH1-M56 FMAALIPIPAL	8955	>PTCH1-M56 FRAALIPIPAL	27	8928

>PTCH1-M56 TSISNVTAFFM	35	>PTCH1-M56 TSISNVTAFFF	17671	17636
>PTCH1-M56 TSISNVTAFFM	224	>PTCH1-M56 TSISNVTAFFF	38326	38102
>PTCH1-M56 TSISNVTAFFM	4239	>PTCH1-M56 TSISNVTAFFF	32	4207
>PTCH1-M56 TSISNVTAFFM	11	>PTCH1-M56 TSISNVTAFFF	3327	3316
>PTCH1-M56 TSISNVTAFFM	9520	>PTCH1-M56 TSISNVTAFFF	11	9509
>PTCH1-M56 TSISNVTAFFM	23899	>PTCH1-M56 TSISNVTAFFF	169	23730
>PTCH1-M56 TSISNVTAFFM	1117	>PTCH1-M56 TSISNVTAFFF	2	1115
>PTCH1-M56 TSISNVTAFFM	290	>PTCH1-M56 TSISNVTAFFF	12115	11825
>PTCH1-M56 TSISNVTAFFM	420	>PTCH1-M56 TSISNVTAFFF	16024	15604
>PTCH1-M56 TSISNVTAFFM	16	>PTCH1-M56 TSISNVTAFFF	8678	8662
>PTCH1-M56 TSISNVTAFFM	104	>PTCH1-M56 TSISNVTAFFF	15128	15024
>PTCH1-M56 TSISNVTAFFM	137	>PTCH1-M56 TSISNVTAFFF	11284	11147
>PTCH1-M56 TSISNVTAFFM	118	>PTCH1-M56 TSISNVTAFFF	12829	12711
>PTCH1-M56 TSISNVTAFFM	2737	>PTCH1-M56 TSISNVTAFFF	222	2515
>PTCH1-M56 FFMAALIPI	82	>PTCH1-M56 FFRAALIPI	1485	1403
>PTCH1-M56 FFMAALIPI	40	>PTCH1-M56 FFRAALIPI	6122	6082
>PTCH1-M56 FFMAALIPIPA	142	>PTCH1-M56 FFRAALIPIPA	11938	11796
>PTCH1-M56 FFMAALIPI	8	>PTCH1-M56 FFRAALIPI	817	809
>PTCH1-M56 FFMAALIPIPA	29	>PTCH1-M56 FFRAALIPIPA	2360	2331
>PTCH1-M56 FFMAALIPI	322	>PTCH1-M56 FFRAALIPI	1636	1314
>PTCH1-M56 FFMAALIPI	16	>PTCH1-M56 FFRAALIPI	1032	1016
>PTCH1-M56 FFMAALIPIPA	100	>PTCH1-M56 FFRAALIPIPA	4025	3925
>PTCH1-M56 FFMAALIPI	430	>PTCH1-M56 FFRAALIPI	11354	10924
>PTCH1-M56 FFMAALIPI	244	>PTCH1-M56 FFRAALIPI	1365	1121
>PTCH1-M56 FFMAALIPI	31	>PTCH1-M56 FFRAALIPI	728	697
>PTCH1-M56 FFMAALIPI	3688	>PTCH1-M56 FFRAALIPI	46	3642
>PTCH1-M56 FFMAALIPIPA	4414	>PTCH1-M56 FFRAALIPIPA	75	4339
>PTCH1-M56 FFMAALIPI	327	>PTCH1-M56 FFRAALIPI	9082	8755
>PTCH1-M56 FFMAALIPIPA	72	>PTCH1-M56 FFRAALIPIPA	202	130
>PTCH1-M56 AFFMAALI	395	>PTCH1-M56 AFFRAALI	220	175
>PTCH1-M56 AFFMAALIPI	512	>PTCH1-M56 AFFRAALIPI	247	265
>PTCH1-M56 AFFMAALI	498	>PTCH1-M56 AFFRAALI	224	274
>PTCH1-M56 AFFMAALIPI	60	>PTCH1-M56 AFFRAALIPI	32	28
>PTCH1-M56 AFFMAALIPI	396	>PTCH1-M56 AFFRAALIPI	267	129
>PTCH1-M56 AFFMAALIPI	377	>PTCH1-M56 AFFRAALIPI	258	119
>PTCH1-M56 TAFFMAAL	115	>PTCH1-M56 TAFFRAAL	549	434
>PTCH1-M56 TAFFMAALI	156	>PTCH1-M56 TAFFRAALI	70	86
>PTCH1-M56 TAFFMAALIP	140	>PTCH1-M56 TAFFRAALIPI	81	59
>PTCH1-M56 TAFFMAAL	469	>PTCH1-M56 TAFFRAAL	1014	545
>PTCH1-M56 TAFFMAALIP	391	>PTCH1-M56 TAFFRAALIPI	332	59
>PTCH1-M56 TAFFMAALIP	220	>PTCH1-M56 TAFFRAALIPI	459	239
>PTCH1-M56 TAFFMAAL	18	>PTCH1-M56 TAFFRAAL	32	14
>PTCH1-M56 TAFFMAALI	10	>PTCH1-M56 TAFFRAALI	18	8

>PTCH1-M56 TAFFMAALIP	8	>PTCH1-M56 TAFFRAALIP	12	4
>PTCH1-M56 TAFFMAAL	195	>PTCH1-M56 TAFFRAAL	771	576
>PTCH1-M56 TAFFMAALI	244	>PTCH1-M56 TAFFRAALI	758	514
>PTCH1-M56 TAFFMAALIP	53	>PTCH1-M56 TAFFRAALIP	103	50
>PTCH1-M56 TAFFMAAL	4733	>PTCH1-M56 TAFFRAAL	465	4268
>PTCH1-M56 TAFFMAAL	40	>PTCH1-M56 TAFFRAAL	100	60
>PTCH1-M56 TAFFMAALI	231	>PTCH1-M56 TAFFRAALI	202	29
>PTCH1-M56 TAFFMAALIP	241	>PTCH1-M56 TAFFRAALIP	220	21
>PTCH1-M56 TAFFMAAL	453	>PTCH1-M56 TAFFRAAL	1412	959
>PTCH1-M56 TAFFMAAL	192	>PTCH1-M56 TAFFRAAL	297	105
>PTCH1-M56 TAFFMAALI	170	>PTCH1-M56 TAFFRAALI	544	374
>PTCH1-M56 TAFFMAALI	91	>PTCH1-M56 TAFFRAALI	85	6
>PTCH1-M56 TAFFMAALIP	115	>PTCH1-M56 TAFFRAALIP	104	11
>PTCH1-M56 VTAFFMAAL	73	>PTCH1-M56 VTAFFRAAL	106	33
>PTCH1-M56 VTAFFMAALI	376	>PTCH1-M56 VTAFFRAALI	417	41
>PTCH1-M56 VTAFFMAA	428	>PTCH1-M56 VTAFFRAA	3034	2606
>PTCH1-M56 VTAFFMAAL	21	>PTCH1-M56 VTAFFRAAL	146	125
>PTCH1-M56 VTAFFMAA	196	>PTCH1-M56 VTAFFRAA	1216	1020
>PTCH1-M56 VTAFFMAAL	92	>PTCH1-M56 VTAFFRAAL	1163	1071
>PTCH1-M56 VTAFFMAA	305	>PTCH1-M56 VTAFFRAA	1850	1545
>PTCH1-M56 VTAFFMAAL	211	>PTCH1-M56 VTAFFRAAL	1355	1144
>PTCH1-M56 VTAFFMAAL	21	>PTCH1-M56 VTAFFRAAL	2017	1996
>PTCH1-M56 VTAFFMAAL	250	>PTCH1-M56 VTAFFRAAL	248	2
>PTCH1-M56 VTAFFMAALI	310	>PTCH1-M56 VTAFFRAALI	482	172
>PTCH1-M56 VTAFFMAA	20	>PTCH1-M56 VTAFFRAA	100	80
>PTCH1-M56 VTAFFMAAL	13	>PTCH1-M56 VTAFFRAAL	17	4
>PTCH1-M56 VTAFFMAALI	27	>PTCH1-M56 VTAFFRAALI	21	6
>PTCH1-M56 VTAFFMAA	449	>PTCH1-M56 VTAFFRAA	2048	1599
>PTCH1-M56 VTAFFMAAL	84	>PTCH1-M56 VTAFFRAAL	443	359
>PTCH1-M56 VTAFFMAALI	185	>PTCH1-M56 VTAFFRAALI	562	377
>PTCH1-M56 VTAFFMAAL	6	>PTCH1-M56 VTAFFRAAL	26	20
>PTCH1-M56 VTAFFMAALI	18	>PTCH1-M56 VTAFFRAALI	63	45
>PTCH1-M56 VTAFFMAAL	7	>PTCH1-M56 VTAFFRAAL	17	10
>PTCH1-M56 VTAFFMAALI	8	>PTCH1-M56 VTAFFRAALI	20	12
>PTCH1-M56 VTAFFMAAL	37	>PTCH1-M56 VTAFFRAAL	82	45
>PTCH1-M56 VTAFFMAALI	68	>PTCH1-M56 VTAFFRAALI	106	38
>PTCH1-M56 VTAFFMAAL	603	>PTCH1-M56 VTAFFRAAL	413	190
>PTCH1-M56 VTAFFMAALI	22	>PTCH1-M56 VTAFFRAALI	36	14
>PTCH1-M56 NVTAFFMAA	230	>PTCH1-M56 NVTAFFRAAL	437	207
>PTCH1-M56 NVTAFFMAA	377	>PTCH1-M56 NVTAFFRAAL	869	492
>PTCH1-M56 NVTAFFMAA	422	>PTCH1-M56 NVTAFFRAA	1701	1279
>PTCH1-M56 NVTAFFMAA	175	>PTCH1-M56 NVTAFFRAAL	550	375
>PTCH1-M56 NVTAFFMA	62	>PTCH1-M56 NVTAFFRA	181	119



>PTCH1-M56 NVTAFFMAA	42	>PTCH1-M56 NVTAFFRAA	418	376
>PTCH1-M56 NVTAFFMAA	492	>PTCH1-M56 NVTAFFRAAL	1262	770
>PTCH1-M56 NVTAFFMAA	224	>PTCH1-M56 NVTAFFRAAL	481	257
>PTCH1-M56 NVTAFFMAA	316	>PTCH1-M56 NVTAFFRAAL	3003	2687
>PTCH1-M56 NVTAFFMA	14	>PTCH1-M56 NVTAFFRA	21	7
>PTCH1-M56 NVTAFFMAA	8	>PTCH1-M56 NVTAFFRAA	65	57
>PTCH1-M56 NVTAFFMAA	21	>PTCH1-M56 NVTAFFRAAL	20	1
>PTCH1-M56 NVTAFFMAA	9	>PTCH1-M56 NVTAFFRAAL	19	10
>PTCH1-M56 NVTAFFMA	74	>PTCH1-M56 NVTAFFRA	445	371
>PTCH1-M56 NVTAFFMAA	70	>PTCH1-M56 NVTAFFRAA	847	777
>PTCH1-M56 NVTAFFMAA	31	>PTCH1-M56 NVTAFFRAAL	177	146
>PTCH1-M56 NVTAFFMAA	62	>PTCH1-M56 NVTAFFRAAL	210	148
>PTCH1-M56 NVTAFFMAA	387	>PTCH1-M56 NVTAFFRAAL	863	476
>PTCH1-M56 SNVTAFFMA,	136	>PTCH1-M56 SNVTAFFRAA	136	0
>PTCH1-M56 SNVTAFFM	142	>PTCH1-M56 SNVTAFFR	33744	33602
>PTCH1-M56 SNVTAFFMA,	262	>PTCH1-M56 SNVTAFFRAA	2031	1769
>PTCH1-M56 SNVTAFFM	19707	>PTCH1-M56 SNVTAFFR	145	19562
>PTCH1-M56 SNVTAFFM	20328	>PTCH1-M56 SNVTAFFR	31	20297
>PTCH1-M56 SNVTAFFMA,	330	>PTCH1-M56 SNVTAFFRAA	406	76
>PTCH1-M56 SNVTAFFM	22681	>PTCH1-M56 SNVTAFFR	105	22576
>PTCH1-M56 ISNVTAFFM	7238	>PTCH1-M56 ISNVTAFFR	25	7213
>PTCH1-M56 ISNVTAFFMA	379	>PTCH1-M56 ISNVTAFFRA,	1179	800
>PTCH1-M56 ISNVTAFFM	4266	>PTCH1-M56 ISNVTAFFR	6	4260
>PTCH1-M56 ISNVTAFFM	20984	>PTCH1-M56 ISNVTAFFR	77	20907
>PTCH1-M56 ISNVTAFFM	7939	>PTCH1-M56 ISNVTAFFR	5	7934
>PTCH1-M56 ISNVTAFFM	494	>PTCH1-M56 ISNVTAFFR	4116	3622
>PTCH1-M56 ISNVTAFFM	6	>PTCH1-M56 ISNVTAFFR	4518	4512
>PTCH1-M56 ISNVTAFFM	206	>PTCH1-M56 ISNVTAFFR	11543	11337
>PTCH1-M56 ISNVTAFFM	15	>PTCH1-M56 ISNVTAFFR	7546	7531
>PTCH1-M56 ISNVTAFFM	41	>PTCH1-M56 ISNVTAFFR	8287	8246
>PTCH1-M56 ISNVTAFFM	25	>PTCH1-M56 ISNVTAFFR	5924	5899
>PTCH1-M56 SISNVTAFFM	256	>PTCH1-M56 SISNVTAFFR/	371	115
>PTCH1-M56 SISNVTAFFM	69	>PTCH1-M56 SISNVTAFFR	5287	5218
>PTCH1-M56 SISNVTAFFM	58	>PTCH1-M56 SISNVTAFFR/	89	31
>PTCH1-M56 SISNVTAFFM	83	>PTCH1-M56 SISNVTAFFR/	112	29
>PTCH1-M56 SISNVTAFFM	62	>PTCH1-M56 SISNVTAFFR/	114	52
>PTCH1-M56 SISNVTAFFM	351	>PTCH1-M56 SISNVTAFFR	15536	15185
>PTCH1-M56 SISNVTAFFM	209	>PTCH1-M56 SISNVTAFFR/	304	95
>PTCH1-M56 SISNVTAFFM	156	>PTCH1-M56 SISNVTAFFR	16098	15942
>PTCH1-M56 SISNVTAFFM	103	>PTCH1-M56 SISNVTAFFR/	200	97
>PTCH1-M56 SISNVTAFFM	369	>PTCH1-M56 SISNVTAFFR/	187	182
>PTCH1-M56 SISNVTAFFM	8550	>PTCH1-M56 SISNVTAFFR	103	8447
>PTCH1-M56 SISNVTAFFM	16806	>PTCH1-M56 SISNVTAFFR	11	16795

>PTCH1-M56 SISNVTAFM	2458	>PTCH1-M56 SISNVTAFR	6	2452
>PTCH1-M56 SISNVTAFM	7666	>PTCH1-M56 SISNVTAFR	34	7632
>PTCH1-M56 SISNVTAFM	13623	>PTCH1-M56 SISNVTAFR	5	13618
>PTCH1-M56 SISNVTAFM	70	>PTCH1-M56 SISNVTAFR	60	10
>PTCH1-M56 SISNVTAFM	265	>PTCH1-M56 SISNVTAFR	16994	16729
>PTCH1-M56 SISNVTAFM	59	>PTCH1-M56 SISNVTAFR	19211	19152
>PTCH1-M56 SISNVTAFM	16473	>PTCH1-M56 SISNVTAFR	59	16414
>PTCH1-M56 SISNVTAFM	26521	>PTCH1-M56 SISNVTAFR	121	26400
>PTCH1-P11;PVLDGAVSTL	9079	>PTCH1-P11;LVLDGAVSTL	418	8661
>PTCH1-P11;PVLDGAVSTL	7856	>PTCH1-P11;LVLDGAVSTL	115	7741
>PTCH1-P11;PVLDGAVSTL	1408	>PTCH1-P11;LVLDGAVSTL	54	1354
>PTCH1-P11;PVLDGAVSTL	2564	>PTCH1-P11;LVLDGAVSTL	110	2454
>PTCH1-P11;PVLDGAVSTL	2752	>PTCH1-P11;LVLDGAVSTL	126	2626
>PTCH1-P11;PVLDGAVST	6423	>PTCH1-P11;LVLDGAVST	49	6374
>PTCH1-P11;PVLDGAVSTL	7583	>PTCH1-P11;LVLDGAVSTL	113	7470
>PTCH1-P11;PVLDGAVSTL	1430	>PTCH1-P11;LVLDGAVSTL	12	1418
>PTCH1-P11;PVLDGAVSTL	810	>PTCH1-P11;LVLDGAVSTL	27	783
>PTCH1-P11;PVLDGAVSTL	2478	>PTCH1-P11;LVLDGAVSTL	111	2367
>PTCH1-P11;PVLDGAVSTL	4850	>PTCH1-P11;LVLDGAVSTL	85	4765
>PTCH1-P11;PVLDGAVSTL	1232	>PTCH1-P11;LVLDGAVSTL	93	1139
>PTCH1-P11;PVLDGAVSTL	2114	>PTCH1-P11;LVLDGAVSTL	169	1945
>PTCH1-P11;PVLDGAVSTL	418	>PTCH1-P11;LVLDGAVSTL	30	388
>PTCH1-P11;PVLDGAVSTL	1412	>PTCH1-P11;LVLDGAVSTL	230	1182
>PTCH1-P11;PVLDGAVST	8860	>PTCH1-P11;LVLDGAVST	168	8692
>PTCH1-P11;PVLDGAVSTL	238	>PTCH1-P11;LVLDGAVSTL	5	233
>PTCH1-P11;PVLDGAVSTL	820	>PTCH1-P11;LVLDGAVSTL	14	806
>PTCH1-P11;PVLDGAVSTL	1813	>PTCH1-P11;LVLDGAVSTL	196	1617
>PTCH1-P11;PVLDGAVSTL	1633	>PTCH1-P11;LVLDGAVSTL	167	1466
>PTCH1-P11;PVLDGAVSTL	4550	>PTCH1-P11;LVLDGAVSTL	39	4511
>PTCH1-P11;PVLDGAVSTL	11657	>PTCH1-P11;LVLDGAVSTL	403	11254
>PTCH1-P11;PVLDGAVSTL	7484	>PTCH1-P11;LVLDGAVSTL	145	7339
>PTCH1-P11;APVLDGAV	25860	>PTCH1-P11;ALVLDGAV	109	25751
>PTCH1-P11;APVLDGAVST	21891	>PTCH1-P11;ALVLDGAVST	125	21766
>PTCH1-P11;APVLDGAV	18203	>PTCH1-P11;ALVLDGAV	22	18181
>PTCH1-P11;APVLDGAVST	18105	>PTCH1-P11;ALVLDGAVST	43	18062
>PTCH1-P11;APVLDGAV	12051	>PTCH1-P11;ALVLDGAV	135	11916
>PTCH1-P11;APVLDGAV	21789	>PTCH1-P11;ALVLDGAV	18	21771
>PTCH1-P11;APVLDGAVST	24473	>PTCH1-P11;ALVLDGAVST	44	24429
>PTCH1-P11;APVLDGAV	22207	>PTCH1-P11;ALVLDGAV	24	22183
>PTCH1-P11;APVLDGAVST	22424	>PTCH1-P11;ALVLDGAVST	35	22389
>PTCH1-P11;APVLDGAV	23349	>PTCH1-P11;ALVLDGAV	51	23298
>PTCH1-P11;APVLDGAVST	24699	>PTCH1-P11;ALVLDGAVST	110	24589
>PTCH1-P11;APVLDGAVST	24691	>PTCH1-P11;ALVLDGAVST	259	24432

>PTCH1-P11:APVLDGAV	27896	>PTCH1-P11:ALVLDGAV	6	27890
>PTCH1-P11:APVLDGAVST	35686	>PTCH1-P11:ALVLDGAVST	145	35541
>PTCH1-P11:APVLDGAVST	28590	>PTCH1-P11:ALVLDGAVST	7	28583
>PTCH1-P11:APVLDGAV	73	>PTCH1-P11:ALVLDGAV	17937	17864
>PTCH1-P11:APVLDGAVST	39	>PTCH1-P11:ALVLDGAVST	11306	11267
>PTCH1-P11:APVLDGAVST	304	>PTCH1-P11:ALVLDGAVST	12892	12588
>PTCH1-P11:APVLDGAVST	228	>PTCH1-P11:ALVLDGAVST	3121	2893
>PTCH1-P11:APVLDGAVST	219	>PTCH1-P11:ALVLDGAVST	9907	9688
>PTCH1-P11:AVLALEHMF/	18908	>PTCH1-P11:AVLALEHMF/	71	18837
>PTCH1-P11:AVLALEHMF/	9972	>PTCH1-P11:AVLALEHMF/	90	9882
>PTCH1-P11:AVLALEHMF/	1527	>PTCH1-P11:AVLALEHMF/	16	1511
>PTCH1-P11:AVLALEHMF/	13976	>PTCH1-P11:AVLALEHMF/	69	13907
>PTCH1-P11:AVLALEHMF/	17995	>PTCH1-P11:AVLALEHMF/	312	17683
>PTCH1-P11:AVLALEHMF/	20643	>PTCH1-P11:AVLALEHMF/	239	20404
>PTCH1-P11:AVLALEHMF/	27404	>PTCH1-P11:AVLALEHMF/	131	27273
>PTCH1-P11:AVLALEHMF/	11373	>PTCH1-P11:AVLALEHMF/	273	11100
>PTCH1-P11:AVLALEHMF/	6256	>PTCH1-P11:AVLALEHMF/	188	6068
>PTCH1-P11:AVLALEHMF/	10487	>PTCH1-P11:AVLALEHMF/	161	10326
>PTCH1-P11:AVLALEHMF/	22494	>PTCH1-P11:AVLALEHMF/	284	22210
>PTCH1-P11:FAPVLDGA	246	>PTCH1-P11:FALVLDGA	68	178
>PTCH1-P11:FAPVLDGAV	313	>PTCH1-P11:FALVLDGAV	52	261
>PTCH1-P11:FAPVLDGAV	2129	>PTCH1-P11:FALVLDGAV	311	1818
>PTCH1-P11:FAPVLDGA	404	>PTCH1-P11:FALVLDGA	2324	1920
>PTCH1-P11:FAPVLDGAV	61	>PTCH1-P11:FALVLDGAV	394	333
>PTCH1-P11:FAPVLDGAV	7686	>PTCH1-P11:FALVLDGAV	320	7366
>PTCH1-P11:FAPVLDGAV	1908	>PTCH1-P11:FALVLDGAV	273	1635
>PTCH1-P11:FAPVLDGA	838	>PTCH1-P11:FALVLDGA	128	710
>PTCH1-P11:FAPVLDGAV	900	>PTCH1-P11:FALVLDGAV	140	760
>PTCH1-P11:MFAPVLDGA	54	>PTCH1-P11:MFALVLDGA	156	102
>PTCH1-P11:MFAPVLDGA	287	>PTCH1-P11:MFALVLDGA	1211	924
>PTCH1-P11:MFAPVLDGA	128	>PTCH1-P11:MFALVLDGA	204	76
>PTCH1-P11:MFAPVLDGA	497	>PTCH1-P11:MFALVLDGA	1600	1103
>PTCH1-P11:HMFAPVLDG	275	>PTCH1-P11:HMFALVLDG	95	180
>PTCH1-P11:HMFAPVLDG	67	>PTCH1-P11:HMFALVLDG	46	21
>PTCH1-P11:HMFAPVLDG	51	>PTCH1-P11:HMFALVLDG	42	9
>PTCH1-P11:HMFAPVLDG	27	>PTCH1-P11:HMFALVLDG	16	11
>PTCH1-P11:HMFAPVLDG	37	>PTCH1-P11:HMFALVLDG	39	2
>PTCH1-P11:HMFAPVLDG	11	>PTCH1-P11:HMFALVLDG	9	2
>PTCH1-P11:HMFAPVLDG	185	>PTCH1-P11:HMFALVLDG	166	19
>PTCH1-P11:HMFAPVLDG	76	>PTCH1-P11:HMFALVLDG	54	22
>PTCH1-P11:HMFAPVLDG	6	>PTCH1-P11:HMFALVLDG	10	4
>PTCH1-P11:HMFAPVLDG	3	>PTCH1-P11:HMFALVLDG	4	1
>PTCH1-P11:HMFAPVLDG	55	>PTCH1-P11:HMFALVLDG	65	10

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>PTCH1-P11;HMFAPVLDG	237	>PTCH1-P11;HMFALVLDG	192	45
>PTCH1-P11;HMFAPVLDG	104	>PTCH1-P11;HMFALVLDG	346	242
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>PTCH1-P11;LALEHMFAP\	186	>PTCH1-P11;LALEHMFAL\	226	40
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>PTCH1-P11;LALEHMFAP\	433	>PTCH1-P11;LALEHMFAL\	910	477
>PTCH1-P11;LALEHMFAP	3389	>PTCH1-P11;LALEHMFAL	16	3373
>PTCH1-P11;LALEHMFAP\	7	>PTCH1-P11;LALEHMFAL\	13	6
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>PTCH1-P11;LALEHMFAP	11498	>PTCH1-P11;LALEHMFAL	458	11040
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>PTCH1-P11;LALEHMFAP\	213	>PTCH1-P11;LALEHMFAL\	246	33
>PTCH1-P11;LALEHMFAP	24785	>PTCH1-P11;LALEHMFAL	335	24450
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>PTCH1-P11;PSPEPPPSV	2068	>PTCH1-P11;SSPEPPPSV	77	1991
>PTCH1-P11;PSPEPPPSVV	4692	>PTCH1-P11;SSPEPPPSVV	308	4384
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>PTCH1-P11;PSPEPPPSV	256	>PTCH1-P11;SSPEPPPSV	23	233
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>PTCH1-P11;PTPSPEPPPS\	69	>PTCH1-P11;PTSSPEPPPS\	5638	5569
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>PTCH1-P11;LPTPSPEPPPS	255	>PTCH1-P11;LPTSSPEPPPS	234	21
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>PTCH1-P12(PSVVRFAM	16432	>PTCH1-P12(LSVVRFAM	337	16095
>PTCH1-P12(PSVVRFAM	1058	>PTCH1-P12(LSVVRFAM	189	869
>PTCH1-P12(PPSVVRFAM	185	>PTCH1-P12(PLSVVRFAM	36086	35901
>PTCH1-P12(PPSVVRFAM	64	>PTCH1-P12(PLSVVRFAM	17097	17033
>PTCH1-P12(PPSVVRFAM	87	>PTCH1-P12(PLSVVRFAM	8396	8309
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>PTCH1-P12(RLPTPSPEPPI	22747	>PTCH1-P12(RLPTPSPEPPI	224	22523
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>PTCH1-P12(SPEPPPSVVR	327	>PTCH1-P12(SPEPPLSVVRI	490	163
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>PTCH1-P12;TVVHPESRH	397	>PTCH1-P12;TVVHLESRH	1504	1107
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>PTCH1-P12;FAHSTVVHP	20668	>PTCH1-P12;FAHSTVVHL	300	20368
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>PTCH1-P13(RQGQQPRR	203	>PTCH1-P13(RQGQQHRR	42	161
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>PTCH1-P13(DPPREGLW	162	>PTCH1-P13(DSPREGLW	11076	10914
>PTCH1-P13(RDPPREGLW	1325	>PTCH1-P13(RDSPREGLW	158	1167
>PTCH1-P13(RRDPPREGLV	243	>PTCH1-P13(RRDSPREGLV	157	86
>PTCH1-P13(RRDPPREGL	69	>PTCH1-P13(RRDSPREGL	70	1
>PTCH1-P13(RRDPPREGLV	241	>PTCH1-P13(RRDSPREGLV	278	37
>PTCH1-P13(RRDPPREGL	33	>PTCH1-P13(RRDSPREGL	81	48
>PTCH1-P13(RRDPPREGLV	89	>PTCH1-P13(RRDSPREGLV	125	36
>PTCH1-P13(RRDPPREGLV	55	>PTCH1-P13(RRDSPREGLV	50	5
>PTCH1-P13(PRRDPPREGL	777	>PTCH1-P13(PRRDSPREGL	446	331
>PTCH1-P13(QPRRDPPREGL	100	>PTCH1-P13(QPRRDSPREGL	50	50



>PTCH1-P13CQQPRRDPPR	226	>PTCH1-P13CQQPRRDSPR	368	142
>PTCH1-P15!PQLMIQTPK	7287	>PTCH1-P15!SQLMIQTPK	475	6812
>PTCH1-P15!PQLMIQTPK	2648	>PTCH1-P15!SQLMIQTPK	21	2627
>PTCH1-P15!PQLMIQTPK	3355	>PTCH1-P15!SQLMIQTPK	92	3263
>PTCH1-P15!PQLMIQTPK	1777	>PTCH1-P15!SQLMIQTPK	264	1513
>PTCH1-P15!PQLMIQTPK	3357	>PTCH1-P15!SQLMIQTPK	483	2874
>PTCH1-P15!NPQLMIQTPI	10191	>PTCH1-P15!NSQLMIQTPI	452	9739
>PTCH1-P15!NPQLMIQTPI	9912	>PTCH1-P15!NSQLMIQTPI	72	9840
>PTCH1-P15!NPQLMIQTPI	2348	>PTCH1-P15!NSQLMIQTPI	81	2267
>PTCH1-P15!FNPQLMIQTF	2461	>PTCH1-P15!FNSQLMIQTF	443	2018
>PTCH1-P15!MFNPQLMI	53	>PTCH1-P15!MFNSQLMI	76	23
>PTCH1-P15!AMFNPQLM	123	>PTCH1-P15!AMFNSQLM	83	40
>PTCH1-P15!AMFNPQLMI	35	>PTCH1-P15!AMFNSQLMI	25	10
>PTCH1-P15!AMFNPQLMI	329	>PTCH1-P15!AMFNSQLMI	215	114
>PTCH1-P15!AMFNPQLM	260	>PTCH1-P15!AMFNSQLM	63	197
>PTCH1-P15!AMFNPQLMI	255	>PTCH1-P15!AMFNSQLMI	62	193
>PTCH1-P15!AMFNPQLMI	1272	>PTCH1-P15!AMFNSQLMI	481	791
>PTCH1-P15!AMFNPQLM	318	>PTCH1-P15!AMFNSQLM	153	165
>PTCH1-P15!AMFNPQLMI	79	>PTCH1-P15!AMFNSQLMI	26	53
>PTCH1-P15!AMFNPQLMI	476	>PTCH1-P15!AMFNSQLMI	209	267
>PTCH1-P15!AMFNPQLMI	384	>PTCH1-P15!AMFNSQLMI	172	212
>PTCH1-P15!AMFNPQLM	7	>PTCH1-P15!AMFNSQLM	15	8
>PTCH1-P15!AMFNPQLMI	2	>PTCH1-P15!AMFNSQLMI	4	2
>PTCH1-P15!AMFNPQLMI	12	>PTCH1-P15!AMFNSQLMI	22	10
>PTCH1-P15!AMFNPQLM	211	>PTCH1-P15!AMFNSQLM	104	107
>PTCH1-P15!AMFNPQLMI	59	>PTCH1-P15!AMFNSQLMI	28	31
>PTCH1-P15!AMFNPQLM	95	>PTCH1-P15!AMFNSQLM	60	35
>PTCH1-P15!AMFNPQLMI	12	>PTCH1-P15!AMFNSQLMI	9	3
>PTCH1-P15!AMFNPQLMI	133	>PTCH1-P15!AMFNSQLMI	89	44
>PTCH1-P15!AMFNPQLMI	520	>PTCH1-P15!AMFNSQLMI	177	343
>PTCH1-P15!AMFNPQLM	33	>PTCH1-P15!AMFNSQLM	18	15
>PTCH1-P15!AMFNPQLMI	11	>PTCH1-P15!AMFNSQLMI	7	4
>PTCH1-P15!AMFNPQLMI	90	>PTCH1-P15!AMFNSQLMI	79	11
>PTCH1-P15!AMFNPQLMI	34	>PTCH1-P15!AMFNSQLMI	24	10
>PTCH1-P15!AMFNPQLMI	1622	>PTCH1-P15!AMFNSQLMI	402	1220
>PTCH1-P15!AMFNPQLM	481	>PTCH1-P15!AMFNSQLM	594	113
>PTCH1-P15!AMFNPQLMI	29	>PTCH1-P15!AMFNSQLMI	39	10
>PTCH1-P15!AMFNPQLM	135	>PTCH1-P15!AMFNSQLM	51	84
>PTCH1-P15!AMFNPQLMI	680	>PTCH1-P15!AMFNSQLMI	258	422
>PTCH1-P15!AMFNPQLM	313	>PTCH1-P15!AMFNSQLM	253	60
>PTCH1-P15!AMFNPQLM	8	>PTCH1-P15!AMFNSQLM	6	2
>PTCH1-P15!AMFNPQLMI	12	>PTCH1-P15!AMFNSQLMI	8	4
>PTCH1-P15!AMFNPQLMI	191	>PTCH1-P15!AMFNSQLMI	100	91

>PTCH1-P15!AMFNPQLMI	910	>PTCH1-P15!AMFNSQLMI	499	411
>PTCH1-P15!AMFNPQLM	1078	>PTCH1-P15!AMFNSQLM	432	646
>PTCH1-P15!AMFNPQLMI	186	>PTCH1-P15!AMFNSQLMI	297	111
>PTCH1-P15!EAMFNPQLM	5727	>PTCH1-P15!EAMFNSQLM	264	5463
>PTCH1-P15!EAMFNPQLM	622	>PTCH1-P15!EAMFNSQLM	441	181
>PTCH1-P15!EAMFNPQL	81	>PTCH1-P15!EAMFNSQL	18	63
>PTCH1-P15!EAMFNPQLM	329	>PTCH1-P15!EAMFNSQLM	145	184
>PTCH1-P15!EAMFNPQLM	209	>PTCH1-P15!EAMFNSQLM	235	26
>PTCH1-P15!EAMFNPQL	20	>PTCH1-P15!EAMFNSQL	30	10
>PTCH1-P15!EAMFNPQLM	186	>PTCH1-P15!EAMFNSQLM	90	96
>PTCH1-P15!EAMFNPQLM	23	>PTCH1-P15!EAMFNSQLM	22	1
>PTCH1-P15!EAMFNPQL	653	>PTCH1-P15!EAMFNSQL	311	342
>PTCH1-P15!EAMFNPQLM	515	>PTCH1-P15!EAMFNSQLM	163	352
>PTCH1-P15!EAMFNPQLM	731	>PTCH1-P15!EAMFNSQLM	482	249
>PTCH1-P15!EEAMFNPQL	69	>PTCH1-P15!EEAMFNSQL	30	39
>PTCH1-P15!EEAMFNPQLI	118	>PTCH1-P15!EEAMFNSQLI	31	87
>PTCH1-P15!EEAMFNPQLI	17	>PTCH1-P15!EEAMFNSQLI	7	10
>PTCH1-P15!EEAMFNPQL	104	>PTCH1-P15!EEAMFNSQL	156	52
>PTCH1-P15!EEAMFNPQLI	267	>PTCH1-P15!EEAMFNSQLI	262	5
>PTCH1-P15!EEAMFNPQL	112	>PTCH1-P15!EEAMFNSQL	144	32
>PTCH1-P15!EEAMFNPQLI	478	>PTCH1-P15!EEAMFNSQLI	287	191
>PTCH1-P15!EEAMFNPQLI	436	>PTCH1-P15!EEAMFNSQLI	282	154
>PTCH1-P15!EEAMFNPQL	416	>PTCH1-P15!EEAMFNSQL	578	162
>PTCH1-P15!EEAMFNPQLI	379	>PTCH1-P15!EEAMFNSQLI	394	15
>PTCH1-P15!EEAMFNPQLI	647	>PTCH1-P15!EEAMFNSQLI	495	152
>PTCH1-P15!EEAMFNPQ	143	>PTCH1-P15!EEAMFNSQ	278	135
>PTCH1-P15!EEAMFNPQL	169	>PTCH1-P15!EEAMFNSQL	538	369
>PTCH1-P15!EEAMFNPQLI	80	>PTCH1-P15!EEAMFNSQLI	74	6
>PTCH1-P15!EEAMFNPQL	154	>PTCH1-P15!EEAMFNSQL	286	132
>PTCH1-P15!EEAMFNPQLI	57	>PTCH1-P15!EEAMFNSQLI	114	57
>PTCH1-P15!EEAMFNPQLI	115	>PTCH1-P15!EEAMFNSQLI	117	2
>PTCH1-P15!GEEAMFNPO	887	>PTCH1-P15!GEEAMFNSQ	423	464
>PTCH1-P15!GEEAMFNPO	820	>PTCH1-P15!GEEAMFNSQ	415	405
>PTCH1-P15!GEEAMFNPO	168	>PTCH1-P15!GEEAMFNSQ	142	26
>PTCH1-P15!GEEAMFNPO	78	>PTCH1-P15!GEEAMFNSQ	52	26
>PTCH1-P15!GEEAMFNPO	319	>PTCH1-P15!GEEAMFNSQ	592	273
>PTCH1-P15!GEEAMFNPO	119	>PTCH1-P15!GEEAMFNSQ	116	3
>PTCH1-P15!GEEAMFNPO	240	>PTCH1-P15!GEEAMFNSQ	182	58
>PTCH1-P15!GEEAMFNPO	234	>PTCH1-P15!GEEAMFNSQ	122	112
>PTCH1-P15!GEEAMFNPO	237	>PTCH1-P15!GEEAMFNSQ	108	129
>PTCH1-P15!GEEAMFNP	2969	>PTCH1-P15!GEEAMFNS	396	2573
>PTCH1-P15!GEEAMFNPO	319	>PTCH1-P15!GEEAMFNSQ	277	42
>PTCH1-P15!GEEAMFNPO	45	>PTCH1-P15!GEEAMFNSQ	37	8

>PTCH1-P25:PPLRWTNF	190	>PTCH1-P25:SPLRWTNF	57	133
>PTCH1-P25:PPLRWTNFDI	1334	>PTCH1-P25:SPLRWTNFDI	410	924
>PTCH1-P25:PPLRWTNFDI	2430	>PTCH1-P25:SPLRWTNFDI	156	2274
>PTCH1-P25:PPLRWTNF	4720	>PTCH1-P25:SPLRWTNF	169	4551
>PTCH1-P25:PPLRWTNFDI	441	>PTCH1-P25:SPLRWTNFDI	31	410
>PTCH1-P25:PPLRWTNFDI	3494	>PTCH1-P25:SPLRWTNFDI	451	3043
>PTCH1-P25:PPLRWTNF	1676	>PTCH1-P25:SPLRWTNF	355	1321
>PTCH1-P25:PPLRWTNF	1017	>PTCH1-P25:SPLRWTNF	125	892
>PTCH1-P25:PPLRWTNFDI	1529	>PTCH1-P25:SPLRWTNFDI	256	1273
>PTCH1-P25:PPLRWTNFDI	4599	>PTCH1-P25:SPLRWTNFDI	145	4454
>PTCH1-P25:PPLRWTNF	287	>PTCH1-P25:SPLRWTNF	331	44
>PTCH1-P25:PPLRWTNF	209	>PTCH1-P25:SPLRWTNF	71	138
>PTCH1-P25:PPLRWTNFDI	971	>PTCH1-P25:SPLRWTNFDI	300	671
>PTCH1-P25:KPPLRWTNF	174	>PTCH1-P25:KSPLRWTNF	333	159
>PTCH1-P25:KPPLRWTNF	4695	>PTCH1-P25:KSPLRWTNF	191	4504
>PTCH1-P25:KPPLRWTNF	439	>PTCH1-P25:KSPLRWTNF	29464	29025
>PTCH1-P25:KPPLRWTNF	190	>PTCH1-P25:KSPLRWTNF	22797	22607
>PTCH1-P25:KPPLRWTNF	15653	>PTCH1-P25:KSPLRWTNF	24	15629
>PTCH1-P25:KPPLRWTNF	6671	>PTCH1-P25:KSPLRWTNF	94	6577
>PTCH1-P25:GKPPLRWTN	173	>PTCH1-P25:GKSPLRWTN	35	138
>PTCH1-P25:LGKPPLRWTN	439	>PTCH1-P25:LGKSPLRWTN	260	179
>PTCH1-P25:LGKPPLRW	37	>PTCH1-P25:LGKSPLRW	196	159
>PTCH1-P25:LGKPPLRWTN	150	>PTCH1-P25:LGKSPLRWTN	1109	959
>PTCH1-P25:LGKPPLRW	92	>PTCH1-P25:LGKSPLRW	245	153
>PTCH1-P25:LGKPPLRW	487	>PTCH1-P25:LGKSPLRW	694	207
>PTCH1-P25:LGKPPLRWTN	423	>PTCH1-P25:LGKSPLRWTN	212	211
>PTCH1-P25:LLGKPPLRWT	419	>PTCH1-P25:LLGKSPLRWT	413	6
>PTCH1-P25:LLGKPPLRW	890	>PTCH1-P25:LLGKSPLRW	324	566
>PTCH1-P25:LLGKPPLRW	203	>PTCH1-P25:LLGKSPLRW	73	130
>PTCH1-P25:LLGKPPLR	306	>PTCH1-P25:LLGKSPLR	323	17
>PTCH1-P25:YLLGKPPL	8	>PTCH1-P25:YLLGKSPL	12	4
>PTCH1-P25:YLLGKPPLRW	123	>PTCH1-P25:YLLGKSPLRW	116	7
>PTCH1-P25:YLLGKPPL	28	>PTCH1-P25:YLLGKSPL	14	14
>PTCH1-P25:YLLGKPPL	28	>PTCH1-P25:YLLGKSPL	13	15
>PTCH1-P25:YLLGKPPLRW	184	>PTCH1-P25:YLLGKSPLRW	200	16
>PTCH1-P25:YLLGKPPL	13	>PTCH1-P25:YLLGKSPL	13	0
>PTCH1-P25:YLLGKPPLRW	558	>PTCH1-P25:YLLGKSPLRW	292	266
>PTCH1-P25:YLLGKPPL	2	>PTCH1-P25:YLLGKSPL	2	0
>PTCH1-P25:YLLGKPPLR	210	>PTCH1-P25:YLLGKSPLR	399	189
>PTCH1-P25:YLLGKPPLRW	183	>PTCH1-P25:YLLGKSPLRW	365	182
>PTCH1-P25:YLLGKPPLRW	6	>PTCH1-P25:YLLGKSPLRW	8	2
>PTCH1-P25:YLLGKPPL	5	>PTCH1-P25:YLLGKSPL	4	1
>PTCH1-P25:YLLGKPPL	4	>PTCH1-P25:YLLGKSPL	5	1

>PTCH1-P25;YLLGKPPLRW	77	>PTCH1-P25;YLLGKSPLRW	78	1
>PTCH1-P25;YLLGKPPL	3	>PTCH1-P25;YLLGKSPL	3	0
>PTCH1-P25;YLLGKPPLRW	106	>PTCH1-P25;YLLGKSPLRW	98	8
>PTCH1-P25;YLLGKPPL	2	>PTCH1-P25;YLLGKSPL	2	0
>PTCH1-P25;YLLGKPPLR	129	>PTCH1-P25;YLLGKSPLR	90	39
>PTCH1-P25;YLLGKPPLRW	525	>PTCH1-P25;YLLGKSPLRW	410	115
>PTCH1-P25;YLLGKPPLRW	8	>PTCH1-P25;YLLGKSPLRW	7	1
>PTCH1-P25;YLLGKPPLR	451	>PTCH1-P25;YLLGKSPLR	310	141
>PTCH1-P25;YLLGKPPLR	413	>PTCH1-P25;YLLGKSPLR	399	14
>PTCH1-P25;YLLGKPPLR	665	>PTCH1-P25;YLLGKSPLR	311	354
>PTCH1-P25;YLLGKPPL	158	>PTCH1-P25;YLLGKSPL	370	212
>PTCH1-P25;YLLGKPPL	206	>PTCH1-P25;YLLGKSPL	109	97
>PTCH1-P25;YLLGKPPL	807	>PTCH1-P25;YLLGKSPL	178	629
>PTCH1-P25;YLLGKPPLRW	29	>PTCH1-P25;YLLGKSPLRW	16	13
>PTCH1-P25;YLLGKPPL	245	>PTCH1-P25;YLLGKSPL	204	41
>PTCH1-P25;YLLGKPPLRW	122	>PTCH1-P25;YLLGKSPLRW	102	20
>PTCH1-P25;YLLGKPPLR	150	>PTCH1-P25;YLLGKSPLR	158	8
>PTCH1-P25;AYLLGKPPL	311	>PTCH1-P25;AYLLGKSPL	5	306
>PTCH1-P25;AYLLGKPPLR\	550	>PTCH1-P25;AYLLGKSPLR\	448	102
>PTCH1-P25;AYLLGKPPL	58	>PTCH1-P25;AYLLGKSPL	57	1
>PTCH1-P25;AYLLGKPPLR\	32	>PTCH1-P25;AYLLGKSPLR\	33	1
>PTCH1-P25;AYLLGKPPLR	200	>PTCH1-P25;AYLLGKSPLR	190	10
>PTCH1-P25;AYLLGKPPLR	119	>PTCH1-P25;AYLLGKSPLR	127	8
>PTCH1-P25;TAYLLGKPPLF	447	>PTCH1-P25;TAYLLGKSPLF	485	38
>PTCH1-P25;TAYLLGKPPLF	81	>PTCH1-P25;TAYLLGKSPLF	89	8
>PTCH1-P25;TAYLLGKPPLF	260	>PTCH1-P25;TAYLLGKSPLF	277	17
>PTCH1-P25;TAYLLGKPPLF	30	>PTCH1-P25;TAYLLGKSPLF	25	5
>PTCH1-P25;TAYLLGKPPL	276	>PTCH1-P25;TAYLLGKSPL	1089	813
>PTCH1-P25;TAYLLGKPPL	58	>PTCH1-P25;TAYLLGKSPL	43	15
>PTCH1-P25;TAYLLGKPPLF	448	>PTCH1-P25;TAYLLGKSPLF	602	154
>PTCH1-P25;GTAYLLGKPP	587	>PTCH1-P25;GTAYLLGKSP	369	218
>PTCH1-P25;GTAYLLGKPP	1326	>PTCH1-P25;GTAYLLGKSP	342	984
>PTCH1-P25;GTAYLLGKPP	105	>PTCH1-P25;GTAYLLGKSP	72	33
>PTCH1-P25;GTAYLLGKPP	179	>PTCH1-P25;GTAYLLGKSP	18	161
>PTCH1-P36;PKQMYEHF	101	>PTCH1-P36;LKQMYEHF	8	93
>PTCH1-P36;PKQMYEHFK\	465	>PTCH1-P36;LKQMYEHFK\	21	444
>PTCH1-P36;TPKQMYEHF	192	>PTCH1-P36;TLKQMYEHF	34970	34778
>PTCH1-P36;TPKQMYEHF\	14821	>PTCH1-P36;TLKQMYEHF\	224	14597
>PTCH1-P36;TPKQMYEHF\	6679	>PTCH1-P36;TLKQMYEHF\	122	6557
>PTCH1-P36;TPKQMYEHF	1959	>PTCH1-P36;TLKQMYEHF	179	1780
>PTCH1-P36;TPKQMYEHF\	10075	>PTCH1-P36;TLKQMYEHF\	134	9941
>PTCH1-P36;TPKQMYEHF\	2978	>PTCH1-P36;TLKQMYEHF\	359	2619
>PTCH1-P36;TPKQMYEHF	7219	>PTCH1-P36;TLKQMYEHF	42	7177

>PTCH1-P36 <sup>ϵ</sup> TPKQMYEHF	73	>PTCH1-P36 <sup>ϵ</sup> TLKQMYEHF	17696	17623
>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	21383	>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	71	21312
>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	7993	>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	56	7937
>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	8830	>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	65	8765
>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	13938	>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	71	13867
>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	11218	>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	16	11202
>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	19316	>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	200	19116
>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	24833	>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	325	24508
>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	5110	>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	3	5107
>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	10999	>PTCH1-P36 <sup>ϵ</sup> ALQTMFQLM	278	10721
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	302	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	83	219
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	4169	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	363	3806
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	19	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	9	10
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	15	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	19	4
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	44	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	33	11
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	63	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	8	55
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	1854	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	171	1683
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	96	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	16	80
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	751	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	252	499
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	1375	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	172	1203
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	6	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	5	1
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	619	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	257	362
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	700	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	45	655
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	8388	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	191	8197
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	71	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	5	66
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	1267	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	134	1133
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	3661	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	35	3626
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	443	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	25920	25477
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	6	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	4174	4168
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	197	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	15879	15682
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	134	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	120	14
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	2678	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	385	2293
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	453	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	132	321
>PTCH1-P36 <sup>ϵ</sup> MTPKQMYEH	1023	>PTCH1-P36 <sup>ϵ</sup> MTLKQMYEH	434	589
>PTCH1-P36 <sup>ϵ</sup> LMTPKQMYE	978	>PTCH1-P36 <sup>ϵ</sup> LMTLKQMYE	401	577
>PTCH1-P36 <sup>ϵ</sup> LMTPKQMYE	70	>PTCH1-P36 <sup>ϵ</sup> LMTLKQMYE	352	282
>PTCH1-P36 <sup>ϵ</sup> LMTPKQMY	30	>PTCH1-P36 <sup>ϵ</sup> LMTLKQMY	41	11
>PTCH1-P36 <sup>ϵ</sup> LMTPKQMYE	487	>PTCH1-P36 <sup>ϵ</sup> LMTLKQMYE	1167	680
>PTCH1-P36 <sup>ϵ</sup> LMTPKQMY	95	>PTCH1-P36 <sup>ϵ</sup> LMTLKQMY	206	111
>PTCH1-P36 <sup>ϵ</sup> LMTPKQMY	221	>PTCH1-P36 <sup>ϵ</sup> LMTLKQMY	762	541
>PTCH1-P36 <sup>ϵ</sup> LMTPKQMYE	72	>PTCH1-P36 <sup>ϵ</sup> LMTLKQMYE	214	142
>PTCH1-P36 <sup>ϵ</sup> LMTPKQMY	229	>PTCH1-P36 <sup>ϵ</sup> LMTLKQMY	835	606
>PTCH1-P36 <sup>ϵ</sup> LMTPKQMY	61	>PTCH1-P36 <sup>ϵ</sup> LMTLKQMY	313	252

>PTCH1-P36 <sup>9</sup> LMTPKQMYE	27	>PTCH1-P36 <sup>9</sup> LMTLKQMYE	69	42
>PTCH1-P36 <sup>9</sup> LMTPKQMY	304	>PTCH1-P36 <sup>9</sup> LMTLKQMY	1913	1609
>PTCH1-P36 <sup>9</sup> LMTPKQMYE	498	>PTCH1-P36 <sup>9</sup> LMTLKQMYE	2298	1800
>PTCH1-P36 <sup>9</sup> LMTPKQMYE	48	>PTCH1-P36 <sup>9</sup> LMTLKQMYE	191	143
>PTCH1-P36 <sup>9</sup> QLMTPKQM\	460	>PTCH1-P36 <sup>9</sup> QLMTLKQMY	252	208
>PTCH1-P36 <sup>9</sup> QLMTPKQM\	554	>PTCH1-P36 <sup>9</sup> QLMTLKQMY	382	172
>PTCH1-P36 <sup>9</sup> QLMTPKQM\	30	>PTCH1-P36 <sup>9</sup> QLMTLKQMY	179	149
>PTCH1-P36 <sup>9</sup> QLMTPKQM\	133	>PTCH1-P36 <sup>9</sup> QLMTLKQMY	259	126
>PTCH1-P36 <sup>9</sup> QLMTPKQM\	512	>PTCH1-P36 <sup>9</sup> QLMTLKQMY	499	13
>PTCH1-P36 <sup>9</sup> FQLMTPKQMV	950	>PTCH1-P36 <sup>9</sup> FQLMTLKQM	91	859
>PTCH1-P36 <sup>9</sup> FQLMTPKQMV	793	>PTCH1-P36 <sup>9</sup> FQLMTLKQM	62	731
>PTCH1-P36 <sup>9</sup> FQLMTPKQMV	252	>PTCH1-P36 <sup>9</sup> FQLMTLKQM	441	189
>PTCH1-P36 <sup>9</sup> FQLMTPKQMV	1242	>PTCH1-P36 <sup>9</sup> FQLMTLKQM	396	846
>PTCH1-P36 <sup>9</sup> FQLMTPKQMV	150	>PTCH1-P36 <sup>9</sup> FQLMTLKQM	100	50
>PTCH1-P36 <sup>9</sup> FQLMTPKQMV	45	>PTCH1-P36 <sup>9</sup> FQLMTLKQM	86	41
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>PTCH1-P36 <sup>9</sup> FQLMTPKQMV	4	>PTCH1-P36 <sup>9</sup> FQLMTLKQM	4	0
>PTCH1-P36 <sup>9</sup> FQLMTPKQMV	262	>PTCH1-P36 <sup>9</sup> FQLMTLKQM	1485	1223
>PTCH1-P36 <sup>9</sup> MFQLMTPK	138	>PTCH1-P36 <sup>9</sup> MFQLMTLK	100	38
>PTCH1-P36 <sup>9</sup> MFQLMTPKC	24	>PTCH1-P36 <sup>9</sup> MFQLMTLKC	17	7
>PTCH1-P36 <sup>9</sup> MFQLMTPK	188	>PTCH1-P36 <sup>9</sup> MFQLMTLK	470	282
>PTCH1-P36 <sup>9</sup> MFQLMTPK	43	>PTCH1-P36 <sup>9</sup> MFQLMTLK	57	14
>PTCH1-P36 <sup>9</sup> MFQLMTPK	307	>PTCH1-P36 <sup>9</sup> MFQLMTLK	388	81
>PTCH1-P36 <sup>9</sup> MFQLMTPK	739	>PTCH1-P36 <sup>9</sup> MFQLMTLK	351	388
>PTCH1-P36 <sup>9</sup> MFQLMTPKC	2756	>PTCH1-P36 <sup>9</sup> MFQLMTLKC	453	2303
>PTCH1-P36 <sup>9</sup> MFQLMTPKC	316	>PTCH1-P36 <sup>9</sup> MFQLMTLKC	988	672
>PTCH1-P36 <sup>9</sup> TMFQLMTP	20524	>PTCH1-P36 <sup>9</sup> TMFQLMTL	162	20362
>PTCH1-P36 <sup>9</sup> TMFQLMTPK	96	>PTCH1-P36 <sup>9</sup> TMFQLMTLK	50	46
>PTCH1-P36 <sup>9</sup> TMFQLMTP	16594	>PTCH1-P36 <sup>9</sup> TMFQLMTL	24	16570
>PTCH1-P36 <sup>9</sup> TMFQLMTP	2518	>PTCH1-P36 <sup>9</sup> TMFQLMTL	20	2498
>PTCH1-P36 <sup>9</sup> TMFQLMTPK	593	>PTCH1-P36 <sup>9</sup> TMFQLMTLK	359	234
>PTCH1-P36 <sup>9</sup> TMFQLMTP	4052	>PTCH1-P36 <sup>9</sup> TMFQLMTL	17	4035
>PTCH1-P36 <sup>9</sup> TMFQLMTPK	371	>PTCH1-P36 <sup>9</sup> TMFQLMTLK	271	100
>PTCH1-P36 <sup>9</sup> TMFQLMTP	7038	>PTCH1-P36 <sup>9</sup> TMFQLMTL	119	6919
>PTCH1-P36 <sup>9</sup> TMFQLMTP	2781	>PTCH1-P36 <sup>9</sup> TMFQLMTL	5	2776
>PTCH1-P36 <sup>9</sup> TMFQLMTPK	68	>PTCH1-P36 <sup>9</sup> TMFQLMTLK	84	16
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>PTCH1-P36 <sup>9</sup> TMFQLMTP	10987	>PTCH1-P36 <sup>9</sup> TMFQLMTL	14	10973
>PTCH1-P36 <sup>9</sup> TMFQLMTP	23794	>PTCH1-P36 <sup>9</sup> TMFQLMTL	350	23444
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>PTCH1-P36 <sup>9</sup> TMFQLMTPK	398	>PTCH1-P36 <sup>9</sup> TMFQLMTLK	855	457
>PTCH1-P36 <sup>9</sup> TMFQLMTPK	566	>PTCH1-P36 <sup>9</sup> TMFQLMTLK	278	288
>PTCH1-P36 <sup>9</sup> TMFQLMTPK	35	>PTCH1-P36 <sup>9</sup> TMFQLMTLK	30	5

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>PTCH1-P36 <sup>ϵ</sup> TMFQLMTPK	49	>PTCH1-P36 <sup>ϵ</sup> TMFQLMTLK	78	29
>PTCH1-P36 <sup>ϵ</sup> TMFQLMTP	2414	>PTCH1-P36 <sup>ϵ</sup> TMFQLMTL	55	2359
>PTCH1-P36 <sup>ϵ</sup> TMFQLMTPK	359	>PTCH1-P36 <sup>ϵ</sup> TMFQLMTLK	451	92
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>PTCH1-P36 <sup>ϵ</sup> TMFQLMTPK	61	>PTCH1-P36 <sup>ϵ</sup> TMFQLMTLK	122	61
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>PTCH1-P50ˆATTQVLPFLA	172	>PTCH1-P50ˆATTQVLQFLA	272	100
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>PTCH1-P50ˆATTQVLPF	392	>PTCH1-P50ˆATTQVLQF	2060	1668
>PTCH1-P50ˆATTQVLPF	287	>PTCH1-P50ˆATTQVLQF	837	550
>PTCH1-P50ˆATTQVLPF	5	>PTCH1-P50ˆATTQVLQF	5	0
>PTCH1-P50ˆATTQVLPFL	70	>PTCH1-P50ˆATTQVLQFL	105	35

>PTCH1-P50<ATTQVLPFLA	46	>PTCH1-P50<ATTQVLQFLA	59	13
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>PTCH1-P50<ATTQVLPFL	18	>PTCH1-P50<ATTQVLQFL	25	7
>PTCH1-P50<ATTQVLPFLA	32	>PTCH1-P50<ATTQVLQFLA	69	37
>PTCH1-P50<ATTQVLPF	144	>PTCH1-P50<ATTQVLQF	139	5
>PTCH1-P50<ATTQVLPFL	96	>PTCH1-P50<ATTQVLQFL	70	26
>PTCH1-P50<ATTQVLPFLA	176	>PTCH1-P50<ATTQVLQFLA	300	124
>PTCH1-P50<ATTQVLPFL	305	>PTCH1-P50<ATTQVLQFL	388	83
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>PTCH1-P50<AATTQVLPF	9	>PTCH1-P50<AATTQVLQF	7	2
>PTCH1-P50<AATTQVLPF	91	>PTCH1-P50<AATTQVLQF	1174	1083
>PTCH1-P50<AATTQVLPF	523	>PTCH1-P50<AATTQVLQF	120	403
>PTCH1-P50<AATTQVLPFL	221	>PTCH1-P50<AATTQVLQFL	475	254
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>PTCH1-P50<NAATTQVLPF	380	>PTCH1-P50<NAATTQVLQ	972	592
>PTCH1-P50<NAATTQVLPF	149	>PTCH1-P50<NAATTQVLQ	68	81
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>PTCH1-P50<NAATTQVLPF	483	>PTCH1-P50<NAATTQVLQ	2802	2319
>PTCH1-P50<NAATTQVLPF	77	>PTCH1-P50<NAATTQVLQ	333	256
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>PTCH1-P50<NAATTQVLPF	793	>PTCH1-P50<NAATTQVLQ	172	621
>PTCH1-P50<FNAATTQVLF	61	>PTCH1-P50<FNAATTQVLC	233	172
>PTCH1-P50<FNAATTQVLF	182	>PTCH1-P50<FNAATTQVLC	578	396
>PTCH1-P50<FNAATTQVLF	12	>PTCH1-P50<FNAATTQVLC	44	32
>PTCH1-P50<FNAATTQVLF	147	>PTCH1-P50<FNAATTQVLC	1082	935
>PTCH1-P56&PALRAFSL	5557	>PTCH1-P56&LALRAFSL	57	5500
>PTCH1-P56&PALRAFSLQA	13019	>PTCH1-P56&LALRAFSLQA	299	12720
>PTCH1-P56&PALRAFSLQA	10529	>PTCH1-P56&LALRAFSLQA,	141	10388
>PTCH1-P56&PALRAFSL	3608	>PTCH1-P56&LALRAFSL	336	3272
>PTCH1-P56&PALRAFSL	5047	>PTCH1-P56&LALRAFSL	408	4639
>PTCH1-P56&PALRAFSL	8523	>PTCH1-P56&LALRAFSL	159	8364
>PTCH1-P56&PALRAFSLQA	6431	>PTCH1-P56&LALRAFSLQA,	97	6334
>PTCH1-P56&PALRAFSL	9100	>PTCH1-P56&LALRAFSL	487	8613
>PTCH1-P56&IPALRAFSL	402	>PTCH1-P56&ILALRAFSL	38086	37684
>PTCH1-P56&IPALRAFSL	22324	>PTCH1-P56&ILALRAFSL	45	22279
>PTCH1-P56&IPALRAFSLQ/	22830	>PTCH1-P56&ILALRAFSLQA	270	22560
>PTCH1-P56&IPALRAFS	32703	>PTCH1-P56&ILALRAFS	411	32292
>PTCH1-P56&IPALRAFSL	15046	>PTCH1-P56&ILALRAFSL	9	15037
>PTCH1-P56&IPALRAFSLQ/	23273	>PTCH1-P56&ILALRAFSLQA	44	23229
>PTCH1-P56&IPALRAFSL	19985	>PTCH1-P56&ILALRAFSL	42	19943
>PTCH1-P56&IPALRAFSLQ/	18465	>PTCH1-P56&ILALRAFSLQA	32	18433
>PTCH1-P56&IPALRAFSL	10574	>PTCH1-P56&ILALRAFSL	53	10521
>PTCH1-P56&IPALRAFSL	26284	>PTCH1-P56&ILALRAFSL	51	26233

>PTCH1-P56ËIPALRAFSLQ/	27564	>PTCH1-P56ËILALRAFSLQA	219	27345
>PTCH1-P56ËIPALRAFSL	23588	>PTCH1-P56ËILALRAFSL	69	23519
>PTCH1-P56ËIPALRAFSL	24434	>PTCH1-P56ËILALRAFSL	39	24395
>PTCH1-P56ËIPALRAFSLQ/	25240	>PTCH1-P56ËILALRAFSLQA	185	25055
>PTCH1-P56ËIPALRAFSL	23728	>PTCH1-P56ËILALRAFSL	18	23710
>PTCH1-P56ËIPALRAFSLQ/	23501	>PTCH1-P56ËILALRAFSLQA	294	23207
>PTCH1-P56ËIPALRAFSL	30436	>PTCH1-P56ËILALRAFSL	5	30431
>PTCH1-P56ËIPALRAFSLQ	37474	>PTCH1-P56ËILALRAFSLQ	288	37186
>PTCH1-P56ËIPALRAFSLQ/	34721	>PTCH1-P56ËILALRAFSLQA	17	34704
>PTCH1-P56ËIPALRAFSL	11	>PTCH1-P56ËILALRAFSL	2015	2004
>PTCH1-P56ËIPALRAFSLQ/	135	>PTCH1-P56ËILALRAFSLQA	17681	17546
>PTCH1-P56ËIPALRAFSL	128	>PTCH1-P56ËILALRAFSL	121	7
>PTCH1-P56ËIPALRAFSL	438	>PTCH1-P56ËILALRAFSL	16014	15576
>PTCH1-P56ËIPALRAFSL	401	>PTCH1-P56ËILALRAFSL	4109	3708
>PTCH1-P56ËIPALRAFSL	379	>PTCH1-P56ËILALRAFSL	27989	27610
>PTCH1-P56ËIPALRAFSLQ/	31	>PTCH1-P56ËILALRAFSLQA	18400	18369
>PTCH1-P56ËAFFMAALIPIF	18468	>PTCH1-P56ËAFFMAALIPIIL	285	18183
>PTCH1-P56ËIPIPALRAF	10	>PTCH1-P56ËIPIPALRAF	66	56
>PTCH1-P56ËIPIPALRAFSL	6	>PTCH1-P56ËIPIPALRAFSL	15	9
>PTCH1-P56ËIPIPALRAF	14	>PTCH1-P56ËIPIPALRAF	17	3
>PTCH1-P56ËIPIPALRAFSL	13	>PTCH1-P56ËIPIPALRAFSL	16	3
>PTCH1-P56ËIPIPALRAF	113	>PTCH1-P56ËIPIPALRAF	435	322
>PTCH1-P56ËIPIPALRAF	456	>PTCH1-P56ËIPIPALRAF	336	120
>PTCH1-P56ËIPIPALRAF	11	>PTCH1-P56ËIPIPALRAF	15	4
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>PTCH1-P56ËIPIPALRAF	6	>PTCH1-P56ËIPIPALRAF	9	3
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>PTCH1-P56ËIPIPALRAFSL	434	>PTCH1-P56ËIPIPALRAFSL	836	402
>PTCH1-P56ËLIPIPALR	1134	>PTCH1-P56ËLIPILALR	470	664
>PTCH1-P56ËLIPIPALR	262	>PTCH1-P56ËLIPILALR	229	33
>PTCH1-P56ËLIPIPALRAF	72	>PTCH1-P56ËLIPILALRAF	152	80
>PTCH1-P56ËLIPIPALR	305	>PTCH1-P56ËLIPILALR	209	96
>PTCH1-P56ËALIPIPAL	16	>PTCH1-P56ËALIPIPAL	19	3
>PTCH1-P56ËALIPIPALRA	666	>PTCH1-P56ËALIPIPALRA	384	282
>PTCH1-P56ËALIPIPAL	9	>PTCH1-P56ËALIPIPAL	8	1
>PTCH1-P56ËALIPIPALR	552	>PTCH1-P56ËALIPIPALR	112	440
>PTCH1-P56ËALIPIPALRA	159	>PTCH1-P56ËALIPIPALRA	159	0
>PTCH1-P56ËALIPIPALRAF	388	>PTCH1-P56ËALIPIPALRAF	244	144

>PTCH1-P56\xALIPIPAL	8	>PTCH1-P56\xALIPILAL	7	1
>PTCH1-P56\xALIPIPALRA	165	>PTCH1-P56\xALIPILALRA	169	4
>PTCH1-P56\xALIPIPALRAF	671	>PTCH1-P56\xALIPILALRAF	436	235
>PTCH1-P56\xALIPIPAL	21	>PTCH1-P56\xALIPILAL	11	10
>PTCH1-P56\xALIPIPALRA	1029	>PTCH1-P56\xALIPILALRA	336	693
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>PTCH1-P56\xALIPIPALRA	34	>PTCH1-P56\xALIPILALRA	43	9
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>PTCH1-P56\xALIPIPALRA	376	>PTCH1-P56\xALIPILALRA	222	154
>PTCH1-P56\xALIPIPAL	21	>PTCH1-P56\xALIPILAL	32	11
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>PTCH1-P56\xALIPIPAL	60	>PTCH1-P56\xALIPILAL	182	122
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>PTCH1-P56\xALIPIPALR	456	>PTCH1-P56\xALIPILALR	592	136
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>PTCH1-P56\xALIPIPALR	20	>PTCH1-P56\xALIPILALR	12	8
>PTCH1-P56\xALIPIPAL	474	>PTCH1-P56\xALIPILAL	367	107
>PTCH1-P56\xALIPIPALRAF	117	>PTCH1-P56\xALIPILALRAF	171	54
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>PTCH1-P56\xALIPIPALRAF	63	>PTCH1-P56\xALIPILALRAF	54	9
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>PTCH1-P56\xALIPIPALRAF	112	>PTCH1-P56\xALIPILALRAF	149	37
>PTCH1-P56\xALIPIPALRAF	819	>PTCH1-P56\xALIPILALRAF	260	559
>PTCH1-P56\xALIPIPALR	457	>PTCH1-P56\xALIPILALR	766	309
>PTCH1-P56\xAALIPIPAL	122	>PTCH1-P56\xAALIPILAL	454	332
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>PTCH1-P56\xAALIPIPALR	26	>PTCH1-P56\xAALIPILALR	18	8
>PTCH1-P56\xAALIPIPALR	1626	>PTCH1-P56\xAALIPILALR	335	1291
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>PTCH1-P56\xAALIPIPAL	17	>PTCH1-P56\xAALIPILAL	13	4
>PTCH1-P56\xMAALIPIP	14235	>PTCH1-P56\xMAALIPIL	254	13981
>PTCH1-P56\xMAALIPIPAL	295	>PTCH1-P56\xMAALIPILAL	177	118
>PTCH1-P56\xMAALIPIPAL	835	>PTCH1-P56\xMAALIPILAL	447	388
>PTCH1-P56\xMAALIPIPAL	172	>PTCH1-P56\xMAALIPILAL	258	86
>PTCH1-P56\xMAALIPIPALF	335	>PTCH1-P56\xMAALIPILALF	333	2

>PTCH1-P56ξMAALIPIPALF	20	>PTCH1-P56ξMAALIPILALF	17	3
>PTCH1-P56ξMAALIPIPALF	70	>PTCH1-P56ξMAALIPILALF	57	13
>PTCH1-P56ξMAALIPIPALF	2	>PTCH1-P56ξMAALIPILALF	2	0
>PTCH1-P56ξMAALIPIP	10890	>PTCH1-P56ξMAALIPIIL	141	10749
>PTCH1-P56ξMAALIPIPA	7	>PTCH1-P56ξMAALIPIILA	15	8
>PTCH1-P56ξMAALIPIPAL	117	>PTCH1-P56ξMAALIPILAL	379	262
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>PTCH1-P56ξMAALIPIPA	73	>PTCH1-P56ξMAALIPIILA	1831	1758
>PTCH1-P56ξMAALIPIPAL	268	>PTCH1-P56ξMAALIPILAL	295	27
>PTCH1-P56ξMAALIPIPA	17	>PTCH1-P56ξMAALIPIILA	31	14
>PTCH1-P56ξMAALIPIP	17708	>PTCH1-P56ξMAALIPIIL	434	17274
>PTCH1-P56ξMAALIPIPALF	205	>PTCH1-P56ξMAALIPILALF	330	125
>PTCH1-P56ξFMAALIPIP	2697	>PTCH1-P56ξFMAALIPIIL	7	2690
>PTCH1-P56ξFMAALIPIPA	14	>PTCH1-P56ξFMAALIPIILA	20	6
>PTCH1-P56ξFMAALIPIPAL	7	>PTCH1-P56ξFMAALIPILAL	8	1
>PTCH1-P56ξFMAALIPIP	44	>PTCH1-P56ξFMAALIPIIL	2	42
>PTCH1-P56ξFMAALIPIPA	8	>PTCH1-P56ξFMAALIPIILA	10	2
>PTCH1-P56ξFMAALIPIPAL	2	>PTCH1-P56ξFMAALIPILAL	2	0
>PTCH1-P56ξFMAALIPIP	252	>PTCH1-P56ξFMAALIPIIL	3	249
>PTCH1-P56ξFMAALIPIPA	11	>PTCH1-P56ξFMAALIPIILA	17	6
>PTCH1-P56ξFMAALIPIPAL	3	>PTCH1-P56ξFMAALIPILAL	3	0
>PTCH1-P56ξFMAALIPIP	664	>PTCH1-P56ξFMAALIPIIL	5	659
>PTCH1-P56ξFMAALIPIPA	34	>PTCH1-P56ξFMAALIPIILA	72	38
>PTCH1-P56ξFMAALIPIPAL	4	>PTCH1-P56ξFMAALIPILAL	7	3
>PTCH1-P56ξFMAALIPIP	684	>PTCH1-P56ξFMAALIPIIL	2	682
>PTCH1-P56ξFMAALIPIPA	3	>PTCH1-P56ξFMAALIPIILA	4	1
>PTCH1-P56ξFMAALIPIPAL	2	>PTCH1-P56ξFMAALIPILAL	2	0
>PTCH1-P56ξFMAALIPIP	6487	>PTCH1-P56ξFMAALIPIIL	7	6480
>PTCH1-P56ξFMAALIPIPA	15	>PTCH1-P56ξFMAALIPIILA	41	26
>PTCH1-P56ξFMAALIPIPAL	6	>PTCH1-P56ξFMAALIPILAL	7	1
>PTCH1-P56ξFMAALIPIP	622	>PTCH1-P56ξFMAALIPIIL	4	618
>PTCH1-P56ξFMAALIPIPA	7	>PTCH1-P56ξFMAALIPIILA	9	2
>PTCH1-P56ξFMAALIPIPAL	5	>PTCH1-P56ξFMAALIPILAL	6	1
>PTCH1-P56ξFMAALIPIP	12234	>PTCH1-P56ξFMAALIPIIL	4	12230
>PTCH1-P56ξFMAALIPIPA	15	>PTCH1-P56ξFMAALIPIILA	21	6
>PTCH1-P56ξFMAALIPIPAL	3	>PTCH1-P56ξFMAALIPILAL	7	4
>PTCH1-P56ξFMAALIPIP	787	>PTCH1-P56ξFMAALIPIIL	2	785
>PTCH1-P56ξFMAALIPIPA	4	>PTCH1-P56ξFMAALIPIILA	4	0
>PTCH1-P56ξFMAALIPIPAL	2	>PTCH1-P56ξFMAALIPILAL	2	0
>PTCH1-P56ξFMAALIPIPA	261	>PTCH1-P56ξFMAALIPIILA	554	293
>PTCH1-P56ξFMAALIPIP	17887	>PTCH1-P56ξFMAALIPIIL	366	17521
>PTCH1-P56ξFMAALIPIPA	250	>PTCH1-P56ξFMAALIPIILA	1144	894

>PTCH1-P56\FMAALIPIPA	58	>PTCH1-P56\FMAALIPIPAL	171	113
>PTCH1-P56\FMAALIPIP	4369	>PTCH1-P56\FMAALIPIIL	203	4166
>PTCH1-P56\FMAALIPIPA	419	>PTCH1-P56\FMAALIPILA	2658	2239
>PTCH1-P56\FMAALIPIPAL	92	>PTCH1-P56\FMAALIPIPAL	71	21
>PTCH1-P56\FMAALIPIPAL	830	>PTCH1-P56\FMAALIPIPAL	460	370
>PTCH1-P56\FMAALIPIP	3164	>PTCH1-P56\FMAALIPIIL	83	3081
>PTCH1-P56\FMAALIPIPAL	40	>PTCH1-P56\FMAALIPIPAL	32	8
>PTCH1-P56\FMAALIPIPAL	460	>PTCH1-P56\FMAALIPIPAL	510	50
>PTCH1-P56\FMAALIPIP	9964	>PTCH1-P56\FMAALIPIIL	15	9949
>PTCH1-P56\FMAALIPIPAL	13	>PTCH1-P56\FMAALIPIPAL	12	1
>PTCH1-P56\FMAALIPIP	17896	>PTCH1-P56\FMAALIPIIL	294	17602
>PTCH1-P56\FMAALIPIPAL	151	>PTCH1-P56\FMAALIPIPAL	190	39
>PTCH1-P56\FMAALIPIP	19512	>PTCH1-P56\FMAALIPIIL	392	19120
>PTCH1-P56\FFMAALIPIP	10747	>PTCH1-P56\FFMAALIPIIL	383	10364
>PTCH1-P56\FFMAALIPIPA	142	>PTCH1-P56\FFMAALIPILA	221	79
>PTCH1-P56\FFMAALIPIP	18130	>PTCH1-P56\FFMAALIPIIL	144	17986
>PTCH1-P56\FFMAALIPIPA	29	>PTCH1-P56\FFMAALIPILA	27	2
>PTCH1-P56\FFMAALIPIP	10504	>PTCH1-P56\FFMAALIPIIL	212	10292
>PTCH1-P56\FFMAALIPIPA	100	>PTCH1-P56\FFMAALIPILA	213	113
>PTCH1-P56\FFMAALIPIP	8364	>PTCH1-P56\FFMAALIPIIL	21	8343
>PTCH1-P56\FFMAALIPIP	21010	>PTCH1-P56\FFMAALIPIIL	136	20874
>PTCH1-P56\FFMAALIPIPA	72	>PTCH1-P56\FFMAALIPILA	149	77
>PTCH1-P56\FFMAALIPIP	8288	>PTCH1-P56\FFMAALIPIIL	171	8117
>PTCH1-P64\PPPPYSSHSF	105	>PTCH1-P64\LPPPYSSHSF	30	75
>PTCH1-P64\PPPPYSSHSF	1930	>PTCH1-P64\LPPPYSSHSF	204	1726
>PTCH1-P64\PPPPYSSH	7021	>PTCH1-P64\LPPPYSSH	320	6701
>PTCH1-P64\PPPPYSSHSF	13433	>PTCH1-P64\LPPPYSSHSF	335	13098
>PTCH1-P64\PPPPYSSHSF	5153	>PTCH1-P64\LPPPYSSHSF	431	4722
>PTCH1-P64\PPPPYSSHSF	5762	>PTCH1-P64\LPPPYSSHSF	77	5685
>PTCH1-P64\PPPPYSSHSF	978	>PTCH1-P64\LPPPYSSHSF	44	934
>PTCH1-P64\PPPPYSSHSF	1574	>PTCH1-P64\LPPPYSSHSF	223	1351
>PTCH1-P64\PPPPYSSHSF	2755	>PTCH1-P64\LPPPYSSHSF	132	2623
>PTCH1-P64\SPPPYSSHSF	21	>PTCH1-P64\SLPPPYSSHSF	20683	20662
>PTCH1-P64\SPPPYSS	29278	>PTCH1-P64\SLPPPYSS	497	28781
>PTCH1-P64\SPPPYSSHSF	34988	>PTCH1-P64\SLPPPYSSHSF	353	34635
>PTCH1-P64\SPPPYSSHSF	1079	>PTCH1-P64\SLPPPYSSHSF	84	995
>PTCH1-P64\SPPPYSSHSF	70	>PTCH1-P64\SLPPPYSSHSF	13873	13803
>PTCH1-P64\SPPPYSSHSF	10591	>PTCH1-P64\SLPPPYSSHSF	95	10496
>PTCH1-P64\SPPPYSSHSF	872	>PTCH1-P64\SLPPPYSSHSF	67	805
>PTCH1-P64\SPPPYSSHSF	428	>PTCH1-P64\SLPPPYSSHSF	57	371
>PTCH1-P64\SPPPYSSHSF	363	>PTCH1-P64\SLPPPYSSHSF	5959	5596
>PTCH1-P64\SPPPYSSHSF	46	>PTCH1-P64\SLPPPYSSHSF	19	27
>PTCH1-P64\SPPPYSSHSF	491	>PTCH1-P64\SLPPPYSSHSF	11761	11270

>PTCH1-P64:YSPPPPYSSH	1559	>PTCH1-P64:YSLPPPYSSH	136	1423
>PTCH1-P64:YSPPPPYSSH	2142	>PTCH1-P64:YSLPPPYSSH	42	2100
>PTCH1-P64:YSPPPPYSSH:	6728	>PTCH1-P64:YSLPPPYSSH:	408	6320
>PTCH1-P64:YSPPPPYSS	35	>PTCH1-P64:YSLPPPYSS	7073	7038
>PTCH1-P64:YSPPPPYSSH	49	>PTCH1-P64:YSLPPPYSSH	11284	11235
>PTCH1-P64:YSPPPPYSSH:	35	>PTCH1-P64:YSLPPPYSSH:	10798	10763
>PTCH1-P64:RYSPPPPY	54	>PTCH1-P64:RYSLPPPY	91	37
>PTCH1-P64:RYSPPPPY	162	>PTCH1-P64:RYSLPPPY	369	207
>PTCH1-P64:RYSPPPPYS	200	>PTCH1-P64:RYSLPPPY	584	384
>PTCH1-P64:RYSPPPPY	75	>PTCH1-P64:RYSLPPPY	186	111
>PTCH1-P64:RYSPPPPY	489	>PTCH1-P64:RYSLPPPY	508	19
>PTCH1-P64:RYSPPPPY	331	>PTCH1-P64:RYSLPPPY	1121	790
>PTCH1-P64:RYSPPPPY	203	>PTCH1-P64:RYSLPPPY	419	216
>PTCH1-P64:RYSPPPPYS	453	>PTCH1-P64:RYSLPPPY	1269	816
>PTCH1-P64:RYSPPPPYSS	247	>PTCH1-P64:RYSLPPPYSS	762	515
>PTCH1-P64:TRYSPPPPY	277	>PTCH1-P64:TRYSLPPPY	143	134
>PTCH1-P64:TRYSPPPPY	852	>PTCH1-P64:TRYSLPPPY	448	404
>PTCH1-P64:TRYSPPPPY	369	>PTCH1-P64:TRYSLPPPY	2970	2601
>PTCH1-P64:TRYSPPPPY	9	>PTCH1-P64:TRYSLPPPY	20	11
>PTCH1-P64:TRYSPPPPY	547	>PTCH1-P64:TRYSLPPPY	89	458
>PTCH1-P64:TRYSPPPPY	2364	>PTCH1-P64:TRYSLPPPY	441	1923
>PTCH1-P64:NTRYSPPPPY	38	>PTCH1-P64:NTRYSLPPPY	21	17
>PTCH1-P64:NTRYSPPPPY	89	>PTCH1-P64:NTRYSLPPPY	160	71
>PTCH1-P64:NTRYSPPPPY	451	>PTCH1-P64:NTRYSLPPPY	747	296
>PTCH1-P64:NTRYSPPPP	260	>PTCH1-P64:NTRYSLPPP	292	32
>PTCH1-P64:NTRYSPPPPY	40	>PTCH1-P64:NTRYSLPPPY	39	1
>PTCH1-P64:NTRYSPPPPY	90	>PTCH1-P64:NTRYSLPPPY:	115	25
>PTCH1-P64:NTRYSPPPPY	164	>PTCH1-P64:NTRYSLPPPY	112	52
>PTCH1-P64:NTRYSPPPPY	87	>PTCH1-P64:NTRYSLPPPY	163	76
>PTCH1-P64:NTRYSPPPPY	9	>PTCH1-P64:NTRYSLPPPY	11	2
>PTCH1-P64:NTRYSPPPPY	46	>PTCH1-P64:NTRYSLPPPY	58	12
>PTCH1-P64:HDNTRYSP	12530	>PTCH1-P64:HDNTRYSL	493	12037
>PTCH1-P64:THDNTRYSP	3833	>PTCH1-P64:THDNTRYSL	7	3826
>PTCH1-P64:DTHDNTRYSF	19152	>PTCH1-P64:DTHDNTRYSL	370	18782
>PTCH1-P64:DTHDNTRYSF	15337	>PTCH1-P64:DTHDNTRYSL	166	15171
>PTCH1-P64:DTHDNTRYSF	22700	>PTCH1-P64:DTHDNTRYSL	174	22526
>PTCH1-P64:DTHDNTRYSF	12135	>PTCH1-P64:DTHDNTRYSL	476	11659
>PTCH1-P67(DPHTHVYY	307	>PTCH1-P67(DSHTHVYY	14	293
>PTCH1-P67(DPHTHVYY	2245	>PTCH1-P67(DSHTHVYY	311	1934
>PTCH1-P67(DPHTHVYY	7083	>PTCH1-P67(DSHTHVYY	427	6656
>PTCH1-P67(DPHTHVYY	24337	>PTCH1-P67(DSHTHVYY	330	24007
>PTCH1-P67(DPHTHVYY	195	>PTCH1-P67(DSHTHVYY	1114	919
>PTCH1-P67(DPHTHVYY	83	>PTCH1-P67(DSHTHVYY	2494	2411

>PTCH1-P67(YDPHTHVY	766	>PTCH1-P67(YDSHTHVY	209	557
>PTCH1-P67(YDPHTHVYY	180	>PTCH1-P67(YDSHTHVYY	61	119
>PTCH1-P67(YDPHTHVY	1704	>PTCH1-P67(YDSHTHVY	354	1350
>PTCH1-P67(YDPHTHVYY	715	>PTCH1-P67(YDSHTHVYY	125	590
>PTCH1-P67(YDPHTHVY	1631	>PTCH1-P67(YDSHTHVY	207	1424
>PTCH1-P67(YDPHTHVY	2334	>PTCH1-P67(YDSHTHVY	387	1947
>PTCH1-P67(YDPHTHVYY	4805	>PTCH1-P67(YDSHTHVYY	380	4425
>PTCH1-P67(EYDPHTHVYY	61	>PTCH1-P67(EYDSHTHVYY	35	26
>PTCH1-P67(EYDPHTHVY	253	>PTCH1-P67(EYDSHTHVY	523	270
>PTCH1-P67(EYDPHTHVY	961	>PTCH1-P67(EYDSHTHVY	309	652
>PTCH1-P67(EYDPHTHVYY	55	>PTCH1-P67(EYDSHTHVYY	41	14
>PTCH1-P67(EYDPHTHVY	430	>PTCH1-P67(EYDSHTHVY	252	178
>PTCH1-P67(EYDPHTHVYY	507	>PTCH1-P67(EYDSHTHVYY	341	166
>PTCH1-P67(EYDPHTHVY	129	>PTCH1-P67(EYDSHTHVY	105	24
>PTCH1-P67(EYDPHTHV	900	>PTCH1-P67(EYDSHTHV	450	450
>PTCH1-P67(TEYDPHTHV	3647	>PTCH1-P67(TEYDSHTHV	204	3443
>PTCH1-P67(TEYDPHTHVY	87	>PTCH1-P67(TEYDSHTHVY	113	26
>PTCH1-P67(TEYDPHTHVY	341	>PTCH1-P67(TEYDSHTHVY	478	137
>PTCH1-P67(TEYDPHTHVY	132	>PTCH1-P67(TEYDSHTHVY	92	40
>PTCH1-P67(TEYDPHTHVY	346	>PTCH1-P67(TEYDSHTHVY	214	132
>PTCH1-P67(TEYDPHTHVY	181	>PTCH1-P67(TEYDSHTHVY	243	62
>PTCH1-P67(TEYDPHTHVY	198	>PTCH1-P67(TEYDSHTHVY	97	101
>PTCH1-P67(TEYDPHTHVY	116	>PTCH1-P67(TEYDSHTHVY	57	59
>PTCH1-P67(TEYDPHTH	210	>PTCH1-P67(TEYDSHTH	102	108
>PTCH1-P67(TEYDPHTHVY	131	>PTCH1-P67(TEYDSHTHVY	66	65
>PTCH1-P67(TEYDPHTHVY	19	>PTCH1-P67(TEYDSHTHVY	13	6
>PTCH1-P67(TEYDPHTHV	382	>PTCH1-P67(TEYDSHTHV	187	195
>PTCH1-P67(TEYDPHTHV	569	>PTCH1-P67(TEYDSHTHV	188	381
>PTCH1-P67(TEYDPHTHVY	253	>PTCH1-P67(TEYDSHTHVY	252	1
>PTCH1-P67(TEYDPHTHVY	139	>PTCH1-P67(TEYDSHTHVY	120	19
>PTCH1-P67(TEYDPHTHVY	197	>PTCH1-P67(TEYDSHTHVY	87	110
>PTCH1-P67(TEYDPHTHV	314	>PTCH1-P67(TEYDSHTHV	146	168
>PTCH1-P67(TEYDPHTHV	59	>PTCH1-P67(TEYDSHTHV	40	19
>PTCH1-P67(RTEYDPHTHV	28	>PTCH1-P67(RTEYDSHTHV	25	3
>PTCH1-P67(RTEYDPHTHV	483	>PTCH1-P67(RTEYDSHTHV	459	24
>PTCH1-P67(RTEYDPHTHV	314	>PTCH1-P67(RTEYDSHTHV	354	40
>PTCH1-P67(RTEYDPHTHV	17	>PTCH1-P67(RTEYDSHTHV	13	4
>PTCH1-P67(RTEYDPHTHV	159	>PTCH1-P67(RTEYDSHTHV	138	21
>PTCH1-P67(RTEYDPHTHV	227	>PTCH1-P67(RTEYDSHTHV	220	7
>PTCH1-P67(RTEYDPHTHV	69	>PTCH1-P67(RTEYDSHTHV	64	5
>PTCH1-P67(RTEYDPHTHV	784	>PTCH1-P67(RTEYDSHTHV	254	530
>PTCH1-P67(RTEYDPHTH	1014	>PTCH1-P67(RTEYDSHTH	344	670
>PTCH1-P67(RTEYDPHTHV	500	>PTCH1-P67(RTEYDSHTHV	198	302



>PTCH1-P67(RTEYDPHTHV	9	>PTCH1-P67(RTEYDSHTHV	6	3
>PTCH1-P67(RTEYDPHTHV	479	>PTCH1-P67(RTEYDSHTHV	731	252
>PTCH1-P67(RTEYDPHTH	392	>PTCH1-P67(RTEYDSHTH	150	242
>PTCH1-P67(RTEYDPHTHV	340	>PTCH1-P67(RTEYDSHTHV	337	3
>PTCH1-P67(RTEYDPHTHV	33	>PTCH1-P67(RTEYDSHTHV	19	14
>PTCH1-P67(RTEYDPHTHV	2718	>PTCH1-P67(RTEYDSHTHV	448	2270
>PTCH1-P67(RTEYDPHTHV	157	>PTCH1-P67(RTEYDSHTHV	172	15
>PTCH1-P67(VQLRTEYDPH	390	>PTCH1-P67(VQLRTEYDSH	421	31
>PTCH1-P68:PRSEISVQPV	1828	>PTCH1-P68:LRSEISVQPV	166	1662
>PTCH1-P68:EPREISV	22166	>PTCH1-P68:ELRSEISV	416	21750
>PTCH1-P68:EPREISVQP\	18855	>PTCH1-P68:ELRSEISVQP\	44	18811
>PTCH1-P68:EPREISV	26622	>PTCH1-P68:ELRSEISV	120	26502
>PTCH1-P68:EPREISVQP\	24676	>PTCH1-P68:ELRSEISVQP\	50	24626
>PTCH1-P68:EPREISV	25784	>PTCH1-P68:ELRSEISV	487	25297
>PTCH1-P68:EPREISVQP\	24835	>PTCH1-P68:ELRSEISVQP\	293	24542
>PTCH1-P68:EPREISVQP\	24093	>PTCH1-P68:ELRSEISVQP\	484	23609
>PTCH1-P68:EPREISV	26149	>PTCH1-P68:ELRSEISV	7	26142
>PTCH1-P68:EPREISVQP\	26511	>PTCH1-P68:ELRSEISVQP\	5	26506
>PTCH1-P68:EPREISVQP\	206	>PTCH1-P68:ELRSEISVQP\	14322	14116
>PTCH1-P68:EPREISVQP\	496	>PTCH1-P68:ELRSEISVQP\	467	29
>PTCH1-P68:HTHVYYTTAE	178	>PTCH1-P68:HTHVYYTTAE	18	160
>PTCH1-P68:HTHVYYTTAE	7079	>PTCH1-P68:HTHVYYTTAE	28	7051
>PTCH1-P68:HTHVYYTTAE	15480	>PTCH1-P68:HTHVYYTTAE	467	15013
>PTCH1-P68:HTHVYYTTAE	12561	>PTCH1-P68:HTHVYYTTAE	7	12554
>PTCH1-P68:HTHVYYTTAE	25702	>PTCH1-P68:HTHVYYTTAE	305	25397
>PTCH1-P68:AEPREISV	1169	>PTCH1-P68:AELRSEISV	417	752
>PTCH1-P68:AEPREISV	2884	>PTCH1-P68:AELRSEISV	84	2800
>PTCH1-P68:AEPREISV	872	>PTCH1-P68:AELRSEISV	52	820
>PTCH1-P68:AEPREIS	5345	>PTCH1-P68:AELRSEIS	120	5225
>PTCH1-P68:AEPREISV	411	>PTCH1-P68:AELRSEISV	13	398
>PTCH1-P68:AEPREISV	85	>PTCH1-P68:AELRSEISV	21	64
>PTCH1-P68:TAEPREI	197	>PTCH1-P68:TAELRSEI	1046	849
>PTCH1-P68:TTAEPREISV	1643	>PTCH1-P68:TTAELRSEISV	414	1229
>PTCH1-P68:TTAEPREISV	912	>PTCH1-P68:TTAELRSEISV	431	481
>PTCH1-P68:TTAEPREISV	505	>PTCH1-P68:TTAELRSEISV	321	184
>PTCH1-P68:TTAEPREISV	323	>PTCH1-P68:TTAELRSEISV	503	180
>PTCH1-P68:TTAEPREISV	834	>PTCH1-P68:TTAELRSEISV	445	389
>PTCH1-P68:TTAEPREISV	172	>PTCH1-P68:TTAELRSEISV	179	7
>PTCH1-P68:TTAEPREI	5	>PTCH1-P68:TTAELRSEI	5	0
>PTCH1-P68:TTAEPREISV	6	>PTCH1-P68:TTAELRSEISV	6	0
>PTCH1-P68:TTAEPREI	17	>PTCH1-P68:TTAELRSEI	37	20
>PTCH1-P68:TTAEPREISV	11	>PTCH1-P68:TTAELRSEISV	14	3
>PTCH1-P68:TTAEPREI	328	>PTCH1-P68:TTAELRSEI	703	375

>PTCH1-P68:TTAEP RSEI	104	>PTCH1-P68:TTAELRSEI	93	11
>PTCH1-P68:TTAEP RSEI	37	>PTCH1-P68:TTAELRSEI	70	33
>PTCH1-P68:YT TAEPRSEI	319	>PTCH1-P68:YT TAE LRSEI	241	78
>PTCH1-P68:YT TAEPRSEI	973	>PTCH1-P68:YT TAE LRSEI	259	714
>PTCH1-P68:YT TAEPRSEI	41	>PTCH1-P68:YT TAE LRSEI	58	17
>PTCH1-P68:YT TAEPRSEI	65	>PTCH1-P68:YT TAE LRSEI	76	11
>PTCH1-P68:YT TAEPRSEI	201	>PTCH1-P68:YT TAE LRSEI	156	45
>PTCH1-P68:YT TAEPRSEI	104	>PTCH1-P68:YT TAE LRSEI	126	22
>PTCH1-P68:YT TAEPRSEI	27	>PTCH1-P68:YT TAE LRSEI	31	4
>PTCH1-P68:YY T TAEPRSEI	23	>PTCH1-P68:YY T TAE LRSEI	10	13
>PTCH1-P68:YY T TAEPRSEI	614	>PTCH1-P68:YY T TAE LRSEI	368	246
>PTCH1-P68:YY T TAEPRSEI	756	>PTCH1-P68:YY T TAE LRSEI	470	286
>PTCH1-P68:YY T TAEPRSEI	9	>PTCH1-P68:YY T TAE LRSEI	7	2
>PTCH1-P68:YY T TAEPR	193	>PTCH1-P68:YY T TAE LR	218	25
>PTCH1-P68:YY T TAEPR	85	>PTCH1-P68:YY T TAE LR	38	47
>PTCH1-P68:YY T TAEPR	27	>PTCH1-P68:YY T TAE LR	35	8
>PTCH1-P68:VYY T TAEPR	8085	>PTCH1-P68:VYY T TAE LR	22	8063
>PTCH1-P68:VYY T TAEPR	27397	>PTCH1-P68:VYY T TAE LR	167	27230
>PTCH1-P68:VYY T TAEPR	11221	>PTCH1-P68:VYY T TAE LR	80	11141
>PTCH1-P68:VYY T TAEPR	10695	>PTCH1-P68:VYY T TAE LR	415	10280
>PTCH1-P68:VYY T TAEPR	3958	>PTCH1-P68:VYY T TAE LR	13	3945
>PTCH1-P68:VYY T TAEPR	87	>PTCH1-P68:VYY T TAE LR	150	63
>PTCH1-P68:VYY T TAEPR	565	>PTCH1-P68:VYY T TAE LR	211	354
>PTCH1-P68:VYY T TAEPR	18	>PTCH1-P68:VYY T TAE LR	25	7
>PTCH1-P68:HVYY T TAEPR	6222	>PTCH1-P68:HVYY T TAE LR	179	6043
>PTCH1-P68:HVYY T TAEPR	21997	>PTCH1-P68:HVYY T TAE LR	453	21544
>PTCH1-P68:HVYY T TAEPR	7988	>PTCH1-P68:HVYY T TAE LR	91	7897
>PTCH1-P68:HVYY T TAEPR	9070	>PTCH1-P68:HVYY T TAE LR	90	8980
>PTCH1-P68:HVYY T TAEPR	11061	>PTCH1-P68:HVYY T TAE LR	359	10702
>PTCH1-P68:HVYY T TAEPR	18189	>PTCH1-P68:HVYY T TAE LR	463	17726
>PTCH1-P68:HVYY T TAEPR	187	>PTCH1-P68:HVYY T TAE LR	181	6
>PTCH1-P68:HVYY T TAEPR	232	>PTCH1-P68:HVYY T TAE LR	193	39
>PTCH1-P68:HVYY T TAEPR	20049	>PTCH1-P68:HVYY T TAE LR	340	19709
>PTCH1-P68:HVYY T TAEPR	1703	>PTCH1-P68:HVYY T TAE LR	111	1592
>PTCH1-P68:HVYY T TAEPR	63	>PTCH1-P68:HVYY T TAE LR	65	2
>PTCH1-P68:HVYY T TAEPR	3217	>PTCH1-P68:HVYY T TAE LR	31	3186
>PTCH1-P68:HVYY T TAEPR	147	>PTCH1-P68:HVYY T TAE LR	194	47
>PTCH1-P68:HVYY T TAEPR	4	>PTCH1-P68:HVYY T TAE LR	3	1
>PTCH1-P68:HVYY T TAEPR	3489	>PTCH1-P68:HVYY T TAE LR	13	3476
>PTCH1-P68:HVYY T TAEPR	6275	>PTCH1-P68:HVYY T TAE LR	30	6245
>PTCH1-P68:HVYY T TAEPR	25072	>PTCH1-P68:HVYY T TAE LR	468	24604
>PTCH1-P68:HVYY T TAEPR	9846	>PTCH1-P68:HVYY T TAE LR	347	9499
>PTCH1-P68:HVYY T TAEPR	19592	>PTCH1-P68:HVYY T TAE LR	29	19563

>PTCH1-P68:HVYYTTAEP	8272	>PTCH1-P68:HVYYTTAEL	286	7986
>PTCH1-P68:HVYYTTAEP	23212	>PTCH1-P68:HVYYTTAEL	260	22952
>PTCH1-P68:HVYYTTAEP	1171	>PTCH1-P68:HVYYTTAELR	388	783
>PTCH1-P68:HVYYTTAEP	36	>PTCH1-P68:HVYYTTAELR	59	23
>PTCH1-P68:THVYYTTAEP	166	>PTCH1-P68:THVYYTTAEL	72	94
>PTCH1-P68:THVYYTTAEP	11151	>PTCH1-P68:THVYYTTAEL	476	10675
>PTCH1-P68:THVYYTTAEP	9685	>PTCH1-P68:THVYYTTAEL	13	9672
>PTCH1-P68:THVYYTTAEP	400	>PTCH1-P68:THVYYTTAEL	802	402
>PTCH1-P68:QPVTVTQDTI	407	>PTCH1-P68:QLVTVTQDTL	37030	36623
>PTCH1-P68:QPVTVTQDTI	21879	>PTCH1-P68:QLVTVTQDTL	91	21788
>PTCH1-P68:QPVTVTQDTI	28671	>PTCH1-P68:QLVTVTQDTL	216	28455
>PTCH1-P68:QPVTVTQDTI	24001	>PTCH1-P68:QLVTVTQDTL	181	23820
>PTCH1-P68:QPVTVTQDTI	35081	>PTCH1-P68:QLVTVTQDTL	63	35018
>PTCH1-P68:QPVTVTQDTI	17693	>PTCH1-P68:QLVTVTQDTL	342	17351
>PTCH1-P68:QPVTVTQDTI	491	>PTCH1-P68:QLVTVTQDTL	32021	31530
>PTCH1-P68:QPVTVTQDTI	276	>PTCH1-P68:QLVTVTQDTL	38068	37792
>PTCH1-P68:QPVTVTQDTI	302	>PTCH1-P68:QLVTVTQDTL	3134	2832
>PTCH1-P68:QPVTVTQDTI	468	>PTCH1-P68:QLVTVTQDTL	15795	15327
>PTCH1-P68:AEPRSEISVQI	16083	>PTCH1-P68:AEPRSEISVQI	456	15627
>PTCH1-P68:AEPRSEISVQI	3495	>PTCH1-P68:AEPRSEISVQI	44	3451
>PTCH1-P68:VQPVTVTQD	278	>PTCH1-P68:VQLVTVTQD	71	207
>PTCH1-P68:VQPVTVTQD	464	>PTCH1-P68:VQLVTVTQD	49	415
>PTCH1-P68:VQPVTVTQD	5368	>PTCH1-P68:VQLVTVTQD	313	5055
>PTCH1-P68:ISVQPVTV	894	>PTCH1-P68:ISVQLVTV	209	685
>PTCH1-P68:ISVQPVTV	1193	>PTCH1-P68:ISVQLVTV	179	1014
>PTCH1-P68:ISVQPVTV	455	>PTCH1-P68:ISVQLVTV	1033	578
>PTCH1-P68:ISVQPVTV	33	>PTCH1-P68:ISVQLVTV	51	18
>PTCH1-P68:ISVQPVTVT	366	>PTCH1-P68:ISVQLVTVT	1062	696
>PTCH1-P68:ISVQPVTVTQ	396	>PTCH1-P68:ISVQLVTVTQ	1083	687
>PTCH1-P68:EISVQPVTV	159	>PTCH1-P68:EISVQLVTV	59	100
>PTCH1-P68:EISVQPVTV	59	>PTCH1-P68:EISVQLVTV	47	12
>PTCH1-P68:EISVQPVTV	102	>PTCH1-P68:EISVQLVTV	61	41
>PTCH1-P68:SEISVQPV	100	>PTCH1-P68:SEISVQLV	11	89
>PTCH1-P68:SEISVQPVTV	760	>PTCH1-P68:SEISVQLVTV	240	520
>PTCH1-P68:SEISVQPV	417	>PTCH1-P68:SEISVQLV	907	490
>PTCH1-P68:SEISVQPV	84	>PTCH1-P68:SEISVQLV	138	54
>PTCH1-P68:SEISVQPV	95	>PTCH1-P68:SEISVQLV	324	229
>PTCH1-P68:SEISVQPVT	241	>PTCH1-P68:SEISVQLVT	135	106
>PTCH1-P68:SEISVQPVTV	124	>PTCH1-P68:SEISVQLVTV	113	11
>PTCH1-P68:SEISVQPVTV	270	>PTCH1-P68:SEISVQLVTV	131	139
>PTCH1-P68:SEISVQPV	403	>PTCH1-P68:SEISVQLV	335	68
>PTCH1-P68:SEISVQPV	304	>PTCH1-P68:SEISVQLV	141	163
>PTCH1-P68:SEISVQPVTV	293	>PTCH1-P68:SEISVQLVTV	336	43

>PTCH1-P68!SEISVQPV	29	>PTCH1-P68!SEISVQLV	93	64
>PTCH1-P68!SEISVQPVT	27	>PTCH1-P68!SEISVQLVT	42	15
>PTCH1-P68!SEISVQPVTV	104	>PTCH1-P68!SEISVQLVTV	101	3
>PTCH1-P68!SEISVQPVTV	51	>PTCH1-P68!SEISVQLVTVI	45	6
>PTCH1-P68!SEISVQPV	87	>PTCH1-P68!SEISVQLV	177	90
>PTCH1-P68!SEISVQPVT	137	>PTCH1-P68!SEISVQLVT	684	547
>PTCH1-P68!SEISVQPVTV	26	>PTCH1-P68!SEISVQLVTV	32	6
>PTCH1-P68!SEISVQPVTV	157	>PTCH1-P68!SEISVQLVTVI	202	45
>PTCH1-P68!RSEISVQP	4943	>PTCH1-P68!RSEISVQL	4	4939
>PTCH1-P68!RSEISVQPV	13	>PTCH1-P68!RSEISVQLV	38	25
>PTCH1-P68!RSEISVQPVT	22	>PTCH1-P68!RSEISVQLVT	25	3
>PTCH1-P68!RSEISVQPV	2570	>PTCH1-P68!RSEISVQLV	415	2155
>PTCH1-P68!RSEISVQP	9015	>PTCH1-P68!RSEISVQL	186	8829
>PTCH1-P68!RSEISVQP	21480	>PTCH1-P68!RSEISVQL	242	21238
>PTCH1-P68!EPRSEISVQP\	206	>PTCH1-P68!EPRSEISVQLV	2848	2642
>PTCH1-P68!EPRSEISVQP\	496	>PTCH1-P68!EPRSEISVQLV	2585	2089
>PTCH1-P70!PESTSSTRDL	2146	>PTCH1-P70!LESTSSTRDL	129	2017
>PTCH1-P70!PESTSSTRDLL	724	>PTCH1-P70!LESTSSTRDLL	45	679
>PTCH1-P70!PESTSSTRDLL	388	>PTCH1-P70!LESTSSTRDLL	24	364
>PTCH1-P70!PESTSSTRDL	1104	>PTCH1-P70!LESTSSTRDL	427	677
>PTCH1-P70!PESTSSTRDL	1286	>PTCH1-P70!LESTSSTRDL	89	1197
>PTCH1-P70!PESTSSTRDLL	641	>PTCH1-P70!LESTSSTRDLL	35	606
>PTCH1-P70!SPESTSSTRDL	90	>PTCH1-P70!SLESTSSTRDL	31772	31682
>PTCH1-P70!SPESTSSTRDL	33339	>PTCH1-P70!SLESTSSTRDL	340	32999
>PTCH1-P70!SPESTSST	35266	>PTCH1-P70!SLESTSST	194	35072
>PTCH1-P70!SPESTSSTRDL	31851	>PTCH1-P70!SLESTSSTRDL	62	31789
>PTCH1-P70!SPESTSSTR	9029	>PTCH1-P70!SLESTSSTR	347	8682
>PTCH1-P70!SPESTSSTR	1061	>PTCH1-P70!SLESTSSTR	142	919
>PTCH1-P70!SPESTSSTRDL	40	>PTCH1-P70!SLESTSSTRDL	13891	13851
>PTCH1-P70!VTQDTLSCQS	28462	>PTCH1-P70!VTQDTLSCQS	433	28029
>PTCH1-P70!VTQDTLSCQS	13809	>PTCH1-P70!VTQDTLSCQS	16	13793
>PTCH1-P70!VTQDTLSCQS	18817	>PTCH1-P70!VTQDTLSCQS	281	18536
>PTCH1-P70!VTQDTLSCQS	4655	>PTCH1-P70!VTQDTLSCQS	60	4595
>PTCH1-P70!VTQDTLSCQS	24631	>PTCH1-P70!VTQDTLSCQS	470	24161
>PTCH1-P70!QSPESTSSTR	830	>PTCH1-P70!QSLESTSSTR	302	528
>PTCH1-P70!QSPESTSSTR	1299	>PTCH1-P70!QSLESTSSTR	287	1012
>PTCH1-P70!QSPESTSSTR	33	>PTCH1-P70!QSLESTSSTR	56	23
>PTCH1-P70!CQSPESTSSTF	274	>PTCH1-P70!CQSLESTSSTF	967	693
>PTCH1-P70!TLSCQSPEST	665	>PTCH1-P70!TLSCQSLEST	301	364
>PTCH1-P70!TLSCQSPEST	235	>PTCH1-P70!TLSCQSLEST	141	94
>PTCH1-P70!DTLSCQSP	11873	>PTCH1-P70!DTLSCQSL	215	11658
>PTCH1-P70!TQDTLSCQSP	12798	>PTCH1-P70!TQDTLSCQSL	42	12756
>PTCH1-P72!PPCTKWTL	659	>PTCH1-P72!SPCTKWTL	162	497

>PTCH1-P72! PPCTKWTLSS	185	>PTCH1-P72! SPCTKWTLSS	40	145
>PTCH1-P72! PPCTKWTLSS	6704	>PTCH1-P72! SPCTKWTLSS	498	6206
>PTCH1-P72! PPCTKWTL	4001	>PTCH1-P72! SPCTKWTL	489	3512
>PTCH1-P72! PPCTKWTLSS	1381	>PTCH1-P72! SPCTKWTLSS	244	1137
>PTCH1-P72! PPCTKWTL	7322	>PTCH1-P72! SPCTKWTL	345	6977
>PTCH1-P72! PPCTKWTLSS	10880	>PTCH1-P72! SPCTKWTLSS	322	10558
>PTCH1-P72! EPPCTKWTL	6965	>PTCH1-P72! ESPCTKWTL	141	6824
>PTCH1-P72! EPPCTKWTL	8158	>PTCH1-P72! ESPCTKWTL	109	8049
>PTCH1-P72! LEPPCTKWT	305	>PTCH1-P72! LESPCTKWT	321	16
>PTCH1-P72! LEPPCTKWTL	167	>PTCH1-P72! LESPCTKWTL	186	19
>PTCH1-P72! LEPPCTKW	2705	>PTCH1-P72! LESPCTKW	309	2396
>PTCH1-P72! LEPPCTKWTL	82	>PTCH1-P72! LESPCTKWTL	56	26
>PTCH1-P72! LEPPCTKW	913	>PTCH1-P72! LESPCTKW	147	766
>PTCH1-P72! LEPPCTKW	702	>PTCH1-P72! LESPCTKW	108	594
>PTCH1-P72! LEPPCTKWTL	257	>PTCH1-P72! LESPCTKWTL	51	206
>PTCH1-P72! LEPPCTKW	2207	>PTCH1-P72! LESPCTKW	375	1832
>PTCH1-P72! LEPPCTKW	2011	>PTCH1-P72! LESPCTKW	220	1791
>PTCH1-P72! CLEPPCTKWT	366	>PTCH1-P72! CLESPCTKWT	406	40
>PTCH1-P72! CLEPPCTKWT	191	>PTCH1-P72! CLESPCTKWT	247	56
>PTCH1-P72! CLEPPCTKWT	16	>PTCH1-P72! CLESPCTKWT	28	12
>PTCH1-P72! HCLEPPCTK	194	>PTCH1-P72! HCLESPCTK	52	142
>PTCH1-P72! HCLEPPCTKW	320	>PTCH1-P72! HCLESPCTKW	250	70
>PTCH1-P72! LHCLEPPCTK\	39	>PTCH1-P72! LHCLESPCTK\	37	2
>PTCH1-P72! SLHCLEPPC	99	>PTCH1-P72! SLHCLESPC	220	121
>PTCH1-P72! SLHCLEPPCTH	189	>PTCH1-P72! SLHCLESPCTH	154	35
>PTCH1-P72! SLHCLEPPCTH	125	>PTCH1-P72! SLHCLESPCTH	100	25
>PTCH1-P72! SLHCLEPPCTH	34	>PTCH1-P72! SLHCLESPCTH	41	7
>PTCH1-P91! PSAFYIYL	2057	>PTCH1-P91! HSAFYIYL	282	1775
>PTCH1-P91! PSAFYIYL	1061	>PTCH1-P91! HSAFYIYL	68	993
>PTCH1-P91! PSAFYIYLT	5264	>PTCH1-P91! HSAFYIYLT	416	4848
>PTCH1-P91! PSAFYIYLTA	9835	>PTCH1-P91! HSAFYIYLTA	453	9382
>PTCH1-P91! PSAFYIYL	1609	>PTCH1-P91! HSAFYIYL	12	1597
>PTCH1-P91! PSAFYIYLT	7282	>PTCH1-P91! HSAFYIYLT	47	7235
>PTCH1-P91! PSAFYIYLTA	4227	>PTCH1-P91! HSAFYIYLTA	314	3913
>PTCH1-P91! PSAFYIYL	4867	>PTCH1-P91! HSAFYIYL	157	4710
>PTCH1-P91! PSAFYIYL	5800	>PTCH1-P91! HSAFYIYL	38	5762
>PTCH1-P91! PSAFYIYLTAV	449	>PTCH1-P91! HSAFYIYLTAV	13	436
>PTCH1-P91! PSAFYIYLTAV	2862	>PTCH1-P91! HSAFYIYLTAV	92	2770
>PTCH1-P91! PSAFYIYLTAV	945	>PTCH1-P91! HSAFYIYLTAV	13	932
>PTCH1-P91! PSAFYIYL	3120	>PTCH1-P91! HSAFYIYL	464	2656
>PTCH1-P91! PSAFYIYLTAV	3618	>PTCH1-P91! HSAFYIYLTAV	126	3492
>PTCH1-P91! NPSAFYIYL	40	>PTCH1-P91! NHSAFYIYL	28948	28908
>PTCH1-P91! NPSAFYIY	908	>PTCH1-P91! NHSAFYIY	298	610

>PTCH1-P91(NPSAFYIYL	227	>PTCH1-P91(NHSAFYIYL	13087	12860
>PTCH1-P91(NPSAFYIY	2432	>PTCH1-P91(NHSAFYIY	302	2130
>PTCH1-P91(NPSAFYIY	247	>PTCH1-P91(NHSAFYIY	1181	934
>PTCH1-P91(NPSAFYIY	12	>PTCH1-P91(NHSAFYIY	2031	2019
>PTCH1-P91(NPSAFYIYL	497	>PTCH1-P91(NHSAFYIYL	15382	14885
>PTCH1-P91(NPSAFYIYLTA	355	>PTCH1-P91(NHSAFYIYLTA	21607	21252
>PTCH1-P91(NPSAFYIYL	134	>PTCH1-P91(NHSAFYIYL	28	106
>PTCH1-P91(NPSAFYIY	35	>PTCH1-P91(NHSAFYIY	5528	5493
>PTCH1-P91(NPSAFYIYL	123	>PTCH1-P91(NHSAFYIYL	14822	14699
>PTCH1-P91(NPSAFYIYLTA	104	>PTCH1-P91(NHSAFYIYLTA	23547	23443
>PTCH1-P91(NPSAFYIY	10	>PTCH1-P91(NHSAFYIY	1317	1307
>PTCH1-P91(NPSAFYIY	195	>PTCH1-P91(NHSAFYIY	21347	21152
>PTCH1-P91(NPSAFYIYL	216	>PTCH1-P91(NHSAFYIYL	21180	20964
>PTCH1-P91(INPSAFYI	84	>PTCH1-P91(INHSAFYI	48	36
>PTCH1-P91(INPSAFYIYL	73	>PTCH1-P91(INHSAFYIYL	44	29
>PTCH1-P91(INPSAFYIYL	361	>PTCH1-P91(INHSAFYIYL	335	26
>PTCH1-P91(INPSAFYIY	228	>PTCH1-P91(INHSAFYIY	69	159
>PTCH1-P91(INPSAFYIY	141	>PTCH1-P91(INHSAFYIY	44	97
>PTCH1-P91(INPSAFYIY	411	>PTCH1-P91(INHSAFYIY	56	355
>PTCH1-P91(INPSAFYIYL	2496	>PTCH1-P91(INHSAFYIYL	397	2099
>PTCH1-P91(INPSAFYI	420	>PTCH1-P91(INHSAFYI	20650	20230
>PTCH1-P91(INPSAFYIY	46	>PTCH1-P91(INHSAFYIY	12987	12941
>PTCH1-P91(INPSAFYIYL	3	>PTCH1-P91(INHSAFYIYL	1240	1237
>PTCH1-P91(INPSAFYIYLTA	122	>PTCH1-P91(INHSAFYIYLTA	17462	17340
>PTCH1-P91(INPSAFYIY	2026	>PTCH1-P91(INHSAFYIY	292	1734
>PTCH1-P91(INPSAFYI	786	>PTCH1-P91(INHSAFYI	474	312
>PTCH1-P91(IINPSAFYIYL	528	>PTCH1-P91(IINHSAFYIYL	356	172
>PTCH1-P91(IINPSAFYI	94	>PTCH1-P91(IINHSAFYI	156	62
>PTCH1-P91(IINPSAFYIYL	111	>PTCH1-P91(IINHSAFYIYL	166	55
>PTCH1-P91(IINPSAFYI	21	>PTCH1-P91(IINHSAFYI	38	17
>PTCH1-P91(IINPSAFYIYL	14	>PTCH1-P91(IINHSAFYIYL	21	7
>PTCH1-P91(IINPSAFYI	40	>PTCH1-P91(IINHSAFYI	49	9
>PTCH1-P91(IINPSAFYIYL	77	>PTCH1-P91(IINHSAFYIYL	84	7
>PTCH1-P91(IINPSAFYI	10	>PTCH1-P91(IINHSAFYI	25	15
>PTCH1-P91(IINPSAFYIYL	39	>PTCH1-P91(IINHSAFYIYL	94	55
>PTCH1-P91(IINPSAFYI	18	>PTCH1-P91(IINHSAFYI	40	22
>PTCH1-P91(IINPSAFYIYL	23	>PTCH1-P91(IINHSAFYIYL	44	21
>PTCH1-P91(IINPSAFYI	221	>PTCH1-P91(IINHSAFYI	258	37
>PTCH1-P91(IINPSAFYI	106	>PTCH1-P91(IINHSAFYI	380	274
>PTCH1-P91(IINPSAFYIYL	190	>PTCH1-P91(IINHSAFYIYL	478	288
>PTCH1-P91(IINPSAFYI	27	>PTCH1-P91(IINHSAFYI	134	107
>PTCH1-P91(IINPSAFYIYL	107	>PTCH1-P91(IINHSAFYIYL	366	259
>PTCH1-P91(IINPSAFYI	41	>PTCH1-P91(IINHSAFYI	576	535

>PTCH1-P91€IINPSAFYIYL	18	>PTCH1-P91€IINHSAFYIYL	116	98
>PTCH1-P91€IINPSAFY	98	>PTCH1-P91€IINHSAFY	79	19
>PTCH1-P91€IINPSAFYIY	407	>PTCH1-P91€IINHSAFYIY	471	64
>PTCH1-P91€IINPSAFY	127	>PTCH1-P91€IINHSAFY	260	133
>PTCH1-P91€IINPSAFYIY	482	>PTCH1-P91€IINHSAFYIY	593	111
>PTCH1-P91€IINPSAFY	31	>PTCH1-P91€IINHSAFY	34	3
>PTCH1-P91€IINPSAFYIY	255	>PTCH1-P91€IINHSAFYIY	178	77
>PTCH1-P91€IINPSAFY	17	>PTCH1-P91€IINHSAFY	16	1
>PTCH1-P91€IINPSAFYIY	111	>PTCH1-P91€IINHSAFYIY	118	7
>PTCH1-P91€IINPSAFYI	166	>PTCH1-P91€IINHSAFYI	172	6
>PTCH1-P91€IINPSAFYIYL	436	>PTCH1-P91€IINHSAFYIYL	437	1
>PTCH1-P91€IINPSAFYI	275	>PTCH1-P91€IINHSAFYI	607	332
>PTCH1-P91€IINPSAFY	74	>PTCH1-P91€IINHSAFY	44	30
>PTCH1-P91€IINPSAFYIY	69	>PTCH1-P91€IINHSAFYIY	44	25
>PTCH1-P91€IINPSAFY	108	>PTCH1-P91€IINHSAFY	113	5
>PTCH1-P91€IINPSAFYIY	121	>PTCH1-P91€IINHSAFYIY	136	15
>PTCH1-P91€IINPSAFY	404	>PTCH1-P91€IINHSAFY	258	146
>PTCH1-P91€IINPSAFYIY	130	>PTCH1-P91€IINHSAFYIY	92	38
>PTCH1-P91€IINPSAFY	26	>PTCH1-P91€IINHSAFY	108	82
>PTCH1-P91€IINPSAFYI	245	>PTCH1-P91€IINHSAFYI	1709	1464
>PTCH1-P91€IINPSAFYIY	197	>PTCH1-P91€IINHSAFYIY	673	476
>PTCH1-P91€IINPSAFY	384	>PTCH1-P91€IINHSAFY	790	406
>PTCH1-P91€IINPSAFYI	40	>PTCH1-P91€IINHSAFYI	78	38
>PTCH1-P91€IINPSAFYIY	149	>PTCH1-P91€IINHSAFYIY	302	153
>PTCH1-P91€IINPSAFYIYL	387	>PTCH1-P91€IINHSAFYIYL	801	414
>PTCH1-P91€IINPSAFY	344	>PTCH1-P91€IINHSAFY	445	101
>PTCH1-P91€IINPSAFYIY	141	>PTCH1-P91€IINHSAFYIY	196	55
>PTCH1-P91€GIINPSAFYI	327	>PTCH1-P91€GIINHSAFYI	159	168
>PTCH1-P91€GIINPSAFYI	52	>PTCH1-P91€GIINHSAFYI	49	3
>PTCH1-P91€GIINPSAFYI	189	>PTCH1-P91€GIINHSAFYI	197	8
>PTCH1-P91€GIINPSAFYI	247	>PTCH1-P91€GIINHSAFYI	332	85
>PTCH1-P91€GIINPSAFYI	23	>PTCH1-P91€GIINHSAFYI	41	18
>PTCH1-P91€GIINPSAFYI	24	>PTCH1-P91€GIINHSAFYI	18	6
>PTCH1-P91€GIINPSAFYI	167	>PTCH1-P91€GIINHSAFYI	257	90
>PTCH1-P91€GIINPSAFYI	375	>PTCH1-P91€GIINHSAFYI	562	187
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>PTCH1-P91€GIINPSAFY	85	>PTCH1-P91€GIINHSAFY	84	1
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>PTCH1-P91€GIINPSAFY	92	>PTCH1-P91€GIINHSAFY	28	64
>PTCH1-P91€GIINPSAFYIY	1043	>PTCH1-P91€GIINHSAFYIY	435	608
>PTCH1-P91€GIINPSAF	370	>PTCH1-P91€GIINHSAF	200	170
>PTCH1-P91€GIINPSAFY	40	>PTCH1-P91€GIINHSAFY	22	18
>PTCH1-P91€GIINPSAFYIY	175	>PTCH1-P91€GIINHSAFYIY	118	57

>PTCH1-P91(GIINPSAFY	20	>PTCH1-P91(GIINHSAFY	13	7
>PTCH1-P91(GIINPSAFYIY	20	>PTCH1-P91(GIINHSAFYIY	14	6
>PTCH1-P91(GIINPSAFY	44	>PTCH1-P91(GIINHSAFY	71	27
>PTCH1-P91(GIINPSAFYIY	49	>PTCH1-P91(GIINHSAFYIY	67	18
>PTCH1-P91(GIINPSAFYI	151	>PTCH1-P91(GIINHSAFYI	453	302
>PTCH1-P91(GIINPSAF	78	>PTCH1-P91(GIINHSAF	40	38
>PTCH1-P91(GIINPSAFY	85	>PTCH1-P91(GIINHSAFY	56	29
>PTCH1-P91(GIINPSAFYIY	107	>PTCH1-P91(GIINHSAFYIY	76	31
>PTCH1-P91(GIINPSAF	322	>PTCH1-P91(GIINHSAF	543	221
>PTCH1-P91(GIINPSAFY	311	>PTCH1-P91(GIINHSAFY	988	677
>PTCH1-P91(GIINPSAF	107	>PTCH1-P91(GIINHSAF	113	6
>PTCH1-P91(GIINPSAFY	486	>PTCH1-P91(GIINHSAFY	940	454
>PTCH1-P91(GIINPSAFY	68	>PTCH1-P91(GIINHSAFY	707	639
>PTCH1-P91(GIINPSAFYIY	126	>PTCH1-P91(GIINHSAFYIY	569	443
>PTCH1-P91(GIINPSAFY	309	>PTCH1-P91(GIINHSAFY	219	90
>PTCH1-P91(GIINPSAFYIY	137	>PTCH1-P91(GIINHSAFYIY	100	37
>PTCH1-P91(DGIINPSAFY	234	>PTCH1-P91(DGIINHSAFY	569	335
>PTCH1-P91(DGIINPSAFY	368	>PTCH1-P91(DGIINHSAFY	282	86
>PTCH1-P91(DGIINPSAF	410	>PTCH1-P91(DGIINHSAF	417	7
>PTCH1-P91(DGIINPSAFY	269	>PTCH1-P91(DGIINHSAFY	316	47
>PTCH1-P91(ADGIINPSAF)	423	>PTCH1-P91(ADGIINHSAF	339	84
>PTCH1-P91(DADGIINPSA	105	>PTCH1-P91(DADGIINHSA	179	74
>PTCH1-Q12:RQQPHLDSG:	88	>PTCH1-Q12:RHQPHLDSG:	12381	12293
>PTCH1-Q12:RQQPHLDSG	441	>PTCH1-Q12:RHQPHLDSG	21132	20691
>PTCH1-Q12:RQQPHLDSG:	93	>PTCH1-Q12:RHQPHLDSG:	15734	15641
>PTCH1-Q12:RQQPHLDSG:	172	>PTCH1-Q12:RHQPHLDSG:	1777	1605
>PTCH1-Q12:RQQPHLDSG:	307	>PTCH1-Q12:RHQPHLDSG:	11112	10805
>PTCH1-Q12:RQQPHLDSG:	395	>PTCH1-Q12:RHQPHLDSG:	1200	805
>PTCH1-Q12:RQQPHLDSG:	91	>PTCH1-Q12:RHQPHLDSG:	787	696
>PTCH1-Q12:NPRQQPHL	45	>PTCH1-Q12:NPRHQPHL	38	7
>PTCH1-Q12:NPRQQPHL	163	>PTCH1-Q12:NPRHQPHL	164	1
>PTCH1-Q12:SNPRQQPHL	663	>PTCH1-Q12:SNPRHQPHL	189	474
>PTCH1-Q12:PPSNPRQQPI	138	>PTCH1-Q12:PPSNPRHQPI	114	24
>PTCH1-Q12:HPPSNPRQQ	439	>PTCH1-Q12:HPPSNPRHQI	479	40
>PTCH1-Q36 QTMFQLMTF	13	>PTCH1-Q36 PTMFQLMTP	39	26
>PTCH1-Q36 QTMFQLMTF	7	>PTCH1-Q36 PTMFQLMTP	20	13
>PTCH1-Q36 QTMFQLMTF	51	>PTCH1-Q36 PTMFQLMTP	217	166
>PTCH1-Q36 QTMFQLMTF	18	>PTCH1-Q36 PTMFQLMTP	340	322
>PTCH1-Q36 QTMFQLMTF	71	>PTCH1-Q36 PTMFQLMTP	491	420
>PTCH1-Q36 LQTMFQLM	313	>PTCH1-Q36 LPTMFQLM	22027	21714
>PTCH1-Q36 LQTMFQLMT	78	>PTCH1-Q36 LPTMFQLMT	7227	7149
>PTCH1-Q36 LQTMFQLM	22780	>PTCH1-Q36 LPTMFQLM	251	22529
>PTCH1-Q36 LQTMFQLM	56	>PTCH1-Q36 LPTMFQLM	5207	5151



>PTCH1-Q36 LQTMFQLMT	371	>PTCH1-Q36 LPTMFQLMT	14386	14015
>PTCH1-Q36 LQTMFQLM	6816	>PTCH1-Q36 LPTMFQLM	46	6770
>PTCH1-Q36 LQTMFQLM	15412	>PTCH1-Q36 LPTMFQLM	50	15362
>PTCH1-Q36 LQTMFQLMT	24211	>PTCH1-Q36 LPTMFQLMT	57	24154
>PTCH1-Q36 LQTMFQLMT	27593	>PTCH1-Q36 LPTMFQLMT	494	27099
>PTCH1-Q36 LQTMFQLM	22367	>PTCH1-Q36 LPTMFQLM	353	22014
>PTCH1-Q36 ALQTMFQLM	1031	>PTCH1-Q36 ALPTMFQLM	460	571
>PTCH1-Q36 ALQTMFQL	45	>PTCH1-Q36 ALPTMFQL	78	33
>PTCH1-Q36 ALQTMFQL	19	>PTCH1-Q36 ALPTMFQL	19	0
>PTCH1-Q36 ALQTMFQLM	302	>PTCH1-Q36 ALPTMFQLM	281	21
>PTCH1-Q36 ALQTMFQL	132	>PTCH1-Q36 ALPTMFQL	59	73
>PTCH1-Q36 ALQTMFQL	273	>PTCH1-Q36 ALPTMFQL	91	182
>PTCH1-Q36 ALQTMFQLM	1922	>PTCH1-Q36 ALPTMFQLM	493	1429
>PTCH1-Q36 ALQTMFQL	42	>PTCH1-Q36 ALPTMFQL	34	8
>PTCH1-Q36 ALQTMFQL	33	>PTCH1-Q36 ALPTMFQL	229	196
>PTCH1-Q36 ALQTMFQL	91	>PTCH1-Q36 ALPTMFQL	39	52
>PTCH1-Q36 ALQTMFQL	87	>PTCH1-Q36 ALPTMFQL	179	92
>PTCH1-Q36 ALQTMFQL	3	>PTCH1-Q36 ALPTMFQL	3	0
>PTCH1-Q36 ALQTMFQLM	43	>PTCH1-Q36 ALPTMFQLM	50	7
>PTCH1-Q36 ALQTMFQLM	127	>PTCH1-Q36 ALPTMFQLM	135	8
>PTCH1-Q36 ALQTMFQLM	2327	>PTCH1-Q36 ALPTMFQLM	5	2322
>PTCH1-Q36 HALQTMFQL	236	>PTCH1-Q36 HALPTMFQL	49	187
>PTCH1-Q36 HALQTMFQ	1041	>PTCH1-Q36 HALPTMFQ	428	613
>PTCH1-Q36 HALQTMFQL	16	>PTCH1-Q36 HALPTMFQL	13	3
>PTCH1-Q36 HALQTMFQL	174	>PTCH1-Q36 HALPTMFQLI	138	36
>PTCH1-Q36 HALQTMFQL	6	>PTCH1-Q36 HALPTMFQL	5	1
>PTCH1-Q36 HALQTMFQL	52	>PTCH1-Q36 HALPTMFQLI	30	22
>PTCH1-Q36 HALQTMFQL	111	>PTCH1-Q36 HALPTMFQL	166	55
>PTCH1-Q36 HALQTMFQL	1688	>PTCH1-Q36 HALPTMFQL	449	1239
>PTCH1-Q36 HALQTMFQL	1336	>PTCH1-Q36 HALPTMFQLI	442	894
>PTCH1-Q36 HALQTMFQL	191	>PTCH1-Q36 HALPTMFQL	68	123
>PTCH1-Q36 HALQTMFQL	537	>PTCH1-Q36 HALPTMFQLI	250	287
>PTCH1-Q36 HALQTMFQL	1569	>PTCH1-Q36 HALPTMFQL	255	1314
>PTCH1-Q36 AHALQTMF	90	>PTCH1-Q36 AHALPTMF	40	50
>PTCH1-Q36 AHALQTMFQ	68	>PTCH1-Q36 AHALPTMFQ	77	9
>PTCH1-Q36 SAHALQTM	213	>PTCH1-Q36 SAHALPTM	291	78
>PTCH1-Q36 SAHALQTM	671	>PTCH1-Q36 SAHALPTM	293	378
>PTCH1-Q36 SAHALQTMF	220	>PTCH1-Q36 SAHALPTMF	302	82
>PTCH1-Q36 SAHALQTMF	478	>PTCH1-Q36 SAHALPTMF	495	17
>PTCH1-Q36 SAHALQTMF	412	>PTCH1-Q36 SAHALPTMF	764	352
>PTCH1-Q36 SAHALQTMF	84	>PTCH1-Q36 SAHALPTMF	49	35
>PTCH1-Q36 SAHALQTM	118	>PTCH1-Q36 SAHALPTM	106	12
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>PTCH1-Q36 SAHALQTMF	66	>PTCH1-Q36 SAHALPTMFC	52	14
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>PTCH1-Q36 SAHALQTMF	63	>PTCH1-Q36 SAHALPTMF	84	21
>PTCH1-Q36 VSAHALQTM	284	>PTCH1-Q36 VSAHALPTM	239	45
>PTCH1-Q36 VSAHALQTM	243	>PTCH1-Q36 VSAHALPTM	117	126
>PTCH1-Q36 VSAHALQTM	371	>PTCH1-Q36 VSAHALPTM	445	74
>PTCH1-Q36 VSAHALQTM	189	>PTCH1-Q36 VSAHALPTMI	276	87
>PTCH1-Q36 VSAHALQTM	191	>PTCH1-Q36 VSAHALPTM	436	245
>PTCH1-Q36 VSAHALQTM	30	>PTCH1-Q36 VSAHALPTMI	27	3
>PTCH1-Q36 VSAHALQTM	6	>PTCH1-Q36 VSAHALPTM	5	1
>PTCH1-Q36 VSAHALQTM	5	>PTCH1-Q36 VSAHALPTMI	4	1
>PTCH1-Q36 VSAHALQTM	469	>PTCH1-Q36 VSAHALPTMI	613	144
>PTCH1-Q36 VSAHALQTM	88	>PTCH1-Q36 VSAHALPTM	51	37
>PTCH1-Q36 VSAHALQTM	24	>PTCH1-Q36 VSAHALPTMI	27	3
>PTCH1-Q36 VSAHALQTM	445	>PTCH1-Q36 VSAHALPTM	113	332
>PTCH1-Q36 VSAHALQTM	385	>PTCH1-Q36 VSAHALPTMI	283	102
>PTCH1-Q36 VSAHALQTM	32	>PTCH1-Q36 VSAHALPTM	41	9
>PTCH1-Q36 VSAHALQTM	45	>PTCH1-Q36 VSAHALPTMI	29	16
>PTCH1-Q36 VSAHALQTM	561	>PTCH1-Q36 VSAHALPTM	375	186
>PTCH1-Q36 LVSAHALQTM	599	>PTCH1-Q36 LVSAHALPTM	454	145
>PTCH1-Q36 LVSAHALQTM	523	>PTCH1-Q36 LVSAHALPTM	467	56
>PTCH1-Q36 LVSAHALQTM	128	>PTCH1-Q36 LVSAHALPTM	115	13
>PTCH1-Q36 LVSAHALQTM	97	>PTCH1-Q36 LVSAHALPTM	101	4
>PTCH1-Q36 LVSAHALQTM	249	>PTCH1-Q36 LVSAHALPTM	148	101
>PTCH1-Q36 LVSAHALQTM	151	>PTCH1-Q36 LVSAHALPTM	152	1
>PTCH1-Q36 LVSAHALQTM	103	>PTCH1-Q36 LVSAHALPTM	97	6
>PTCH1-Q36 LVSAHALQTM	288	>PTCH1-Q36 LVSAHALPTM	207	81
>PTCH1-Q36 LVSAHALQTM	105	>PTCH1-Q36 LVSAHALPTM	199	94
>PTCH1-Q36 LVSAHALQTM	106	>PTCH1-Q36 LVSAHALPTM	77	29
>PTCH1-Q36 LVSAHALQTM	84	>PTCH1-Q36 LVSAHALPTM	125	41
>PTCH1-Q36 KLVSahalQTM	536	>PTCH1-Q36 KLVSahalPT	163	373
>PTCH1-Q36 KLVSahalQTM	778	>PTCH1-Q36 KLVSahalPT	176	602
>PTCH1-Q36 KLVSahalQTM	137	>PTCH1-Q36 KLVSahalPT	183	46
>PTCH1-Q36 KLVSahalQTM	939	>PTCH1-Q36 KLVSahalPT	269	670
>PTCH1-Q36 KLVSahalQTM	134	>PTCH1-Q36 KLVSahalPT	139	5
>PTCH1-Q36 KLVSahalQTM	277	>PTCH1-Q36 KLVSahalPT	123	154
>PTCH1-Q36 KLVSahalQTM	78	>PTCH1-Q36 KLVSahalPT	61	17
>PTCH1-Q36 KLVSahalQTM	165	>PTCH1-Q36 KLVSahalPT	171	6
>PTCH1-Q36 KLVSahalQTM	570	>PTCH1-Q36 KLVSahalPT	179	391
>PTCH1-Q36 KLVSahalQ	388	>PTCH1-Q36 KLVSahalP	13543	13155
>PTCH1-Q36 KLVSahalQTM	266	>PTCH1-Q36 KLVSahalPT	702	436
>PTCH1-Q36 KLVSahalQTM	52	>PTCH1-Q36 KLVSahalPT	52	0
>PTCH1-Q36 KLVSahalQTM	862	>PTCH1-Q36 KLVSahalPT	489	373

>PTCH1-Q36 KLVSAHALQT	144	>PTCH1-Q36 KLVSAHALPT	171	27
>PTCH1-Q36 KLVSAHALQT	122	>PTCH1-Q36 KLVSAHALPT	190	68
>PTCH1-Q36 KLVSAHALQT	161	>PTCH1-Q36 KLVSAHALPT	150	11
>PTCH1-Q36 KLVSAHALQT	231	>PTCH1-Q36 KLVSAHALPT	287	56
>PTCH1-Q68:QPVTVTQDTI	407	>PTCH1-Q68:KPVTVTQDTL	351	56
>PTCH1-Q68:QPVTVTQDTI	491	>PTCH1-Q68:KPVTVTQDTL	222	269
>PTCH1-Q68:QPVTVTQDTI	276	>PTCH1-Q68:KPVTVTQDTL	1209	933
>PTCH1-Q68:QPVTVTQDTI	302	>PTCH1-Q68:KPVTVTQDTL	724	422
>PTCH1-Q68:QPVTVTQDTI	468	>PTCH1-Q68:KPVTVTQDTL	363	105
>PTCH1-Q68:VQPVTVTQD	278	>PTCH1-Q68:VKPVTVTQD	12884	12606
>PTCH1-Q68:VQPVTVTQD	464	>PTCH1-Q68:VKPVTVTQD	444	20
>PTCH1-Q68:TAEPRSEISVK	10066	>PTCH1-Q68:TAEPRSEISVK	407	9659
>PTCH1-Q68:SVQPVTVTQ	5963	>PTCH1-Q68:SVKPVTVTQ	242	5721
>PTCH1-Q68:ISVQPVTV	455	>PTCH1-Q68:ISVKPVTV	294	161
>PTCH1-Q68:ISVQPVTV	33	>PTCH1-Q68:ISVKPVTV	68	35
>PTCH1-Q68:ISVQPVTVT	366	>PTCH1-Q68:ISVKPVTVT	1250	884
>PTCH1-Q68:ISVQPVTVTQ	396	>PTCH1-Q68:ISVKPVTVTQ	1036	640
>PTCH1-Q68:ISVQPVTVT	559	>PTCH1-Q68:ISVKPVTVT	497	62
>PTCH1-Q68:EISVQPVTV	159	>PTCH1-Q68:EISVKPVTV	240	81
>PTCH1-Q68:EISVQPVTV	59	>PTCH1-Q68:EISVKPVTV	55	4
>PTCH1-Q68:EISVQPVTV	102	>PTCH1-Q68:EISVKPVTV	294	192
>PTCH1-Q68:SEISVQPV	100	>PTCH1-Q68:SEISVKPV	26	74
>PTCH1-Q68:SEISVQPV	417	>PTCH1-Q68:SEISVKPV	1720	1303
>PTCH1-Q68:SEISVQPV	84	>PTCH1-Q68:SEISVKPV	159	75
>PTCH1-Q68:SEISVQPV	95	>PTCH1-Q68:SEISVKPV	272	177
>PTCH1-Q68:SEISVQPVT	241	>PTCH1-Q68:SEISVKPVT	743	502
>PTCH1-Q68:SEISVQPVTV	124	>PTCH1-Q68:SEISVKPVTV	158	34
>PTCH1-Q68:SEISVQPVTV	270	>PTCH1-Q68:SEISVKPVTVT	525	255
>PTCH1-Q68:SEISVQPV	403	>PTCH1-Q68:SEISVKPV	1162	759
>PTCH1-Q68:SEISVQPVTV	802	>PTCH1-Q68:SEISVKPVTV	317	485
>PTCH1-Q68:SEISVQPV	304	>PTCH1-Q68:SEISVKPV	343	39
>PTCH1-Q68:SEISVQPVTV	293	>PTCH1-Q68:SEISVKPVTV	126	167
>PTCH1-Q68:SEISVQPV	29	>PTCH1-Q68:SEISVKPV	63	34
>PTCH1-Q68:SEISVQPVT	27	>PTCH1-Q68:SEISVKPVT	62	35
>PTCH1-Q68:SEISVQPVTV	104	>PTCH1-Q68:SEISVKPVTV	64	40
>PTCH1-Q68:SEISVQPVTV	51	>PTCH1-Q68:SEISVKPVTVT	86	35
>PTCH1-Q68:SEISVQPV	87	>PTCH1-Q68:SEISVKPV	139	52
>PTCH1-Q68:SEISVQPVT	137	>PTCH1-Q68:SEISVKPVT	446	309
>PTCH1-Q68:SEISVQPVTV	26	>PTCH1-Q68:SEISVKPVTV	46	20
>PTCH1-Q68:SEISVQPVTV	157	>PTCH1-Q68:SEISVKPVTVT	301	144
>PTCH1-Q68:RSEISVQPV	13	>PTCH1-Q68:RSEISVKPV	16	3
>PTCH1-Q68:RSEISVQPVT	22	>PTCH1-Q68:RSEISVKPVT	20	2
>PTCH1-Q68:EPRSEISVQP	206	>PTCH1-Q68:EPRSEISVKPV	330	124

>PTCH1-Q68: EPRSEISVQPV	496	>PTCH1-Q68: EPRSEISVKPV	509	13
>PTCH1-Q81: QHLLYDLHRS	73	>PTCH1-Q81: LHLLYDLHRSI	39	34
>PTCH1-Q81: QHLLYDLHR	64	>PTCH1-Q81: LHLLYDLHR	180	116
>PTCH1-Q81: IQHLLYDL	3927	>PTCH1-Q81: ILHLLYDL	416	3511
>PTCH1-Q81: IQHLLYDL	1121	>PTCH1-Q81: ILHLLYDL	103	1018
>PTCH1-Q81: IQHLLYDL	2667	>PTCH1-Q81: ILHLLYDL	327	2340
>PTCH1-Q81: IQHLLYDL	8304	>PTCH1-Q81: ILHLLYDL	114	8190
>PTCH1-Q81: IQHLLYDL	7710	>PTCH1-Q81: ILHLLYDL	252	7458
>PTCH1-Q81: IQHLLYDL	14550	>PTCH1-Q81: ILHLLYDL	420	14130
>PTCH1-Q81: IQHLLYDL	21287	>PTCH1-Q81: ILHLLYDL	32	21255
>PTCH1-Q81: IQHLLYDLHR	386	>PTCH1-Q81: ILHLLYDLHR	234	152
>PTCH1-Q81: IQHLLYDLHR	1338	>PTCH1-Q81: ILHLLYDLHR	479	859
>PTCH1-Q81: IQHLLYDL	183	>PTCH1-Q81: ILHLLYDL	2789	2606
>PTCH1-Q81: IQHLLYDLHR	10912	>PTCH1-Q81: ILHLLYDLHR	450	10462
>PTCH1-Q81: IQHLLYDLHR	90	>PTCH1-Q81: ILHLLYDLHR	52	38
>PTCH1-Q81: VTQKADYPNI	19319	>PTCH1-Q81: VTQKADYPNI	445	18874
>PTCH1-Q81: VTQKADYPNI	11013	>PTCH1-Q81: VTQKADYPNI	203	10810
>PTCH1-Q81: VTQKADYPNI	3909	>PTCH1-Q81: VTQKADYPNI	306	3603
>PTCH1-Q81: NIQHLLYDL	2464	>PTCH1-Q81: NILHLLYDL	476	1988
>PTCH1-Q81: NIQHLLYDL	4511	>PTCH1-Q81: NILHLLYDL	492	4019
>PTCH1-Q81: NIQHLLYDL	1177	>PTCH1-Q81: NILHLLYDL	364	813
>PTCH1-Q81: NIQHLLYDLH	397	>PTCH1-Q81: NILHLLYDLHF	352	45
>PTCH1-Q81: NIQHLLYDLH	93	>PTCH1-Q81: NILHLLYDLHF	85	8
>PTCH1-Q81: NIQHLLYDLH	284	>PTCH1-Q81: NILHLLYDLHF	238	46
>PTCH1-Q81: NIQHLLYDLH	79	>PTCH1-Q81: NILHLLYDLHF	27	52
>PTCH1-Q81: PNIQHLLY	38	>PTCH1-Q81: PNILHLLY	40	2
>PTCH1-Q81: YPNIQHLLYD	410	>PTCH1-Q81: YPNILHLLYDL	361	49
>PTCH1-Q81: YPNIQHLLY	16	>PTCH1-Q81: YPNILHLLY	12	4
>PTCH1-Q81: YPNIQHLLY	17	>PTCH1-Q81: YPNILHLLY	10	7
>PTCH1-Q81: YPNIQHLL	98	>PTCH1-Q81: YPNILHLL	80	18
>PTCH1-Q81: YPNIQHLLYD	125	>PTCH1-Q81: YPNILHLLYDL	135	10
>PTCH1-Q81: YPNIQHLL	181	>PTCH1-Q81: YPNILHLL	174	7
>PTCH1-Q81: YPNIQHLLY	11	>PTCH1-Q81: YPNILHLLY	11	0
>PTCH1-Q81: YPNIQHLLYD	105	>PTCH1-Q81: YPNILHLLYDL	97	8
>PTCH1-Q81: YPNIQHLL	271	>PTCH1-Q81: YPNILHLL	219	52
>PTCH1-Q81: YPNIQHLL	77	>PTCH1-Q81: YPNILHLL	91	14
>PTCH1-Q81: YPNIQHLLY	31	>PTCH1-Q81: YPNILHLLY	47	16
>PTCH1-Q81: YPNIQHLLYD	95	>PTCH1-Q81: YPNILHLLYDL	99	4
>PTCH1-Q81: YPNIQHLLYD	1360	>PTCH1-Q81: YPNILHLLYD	276	1084
>PTCH1-Q81: YPNIQHLLY	1201	>PTCH1-Q81: YPNILHLLY	271	930
>PTCH1-Q81: YPNIQHLLY	119	>PTCH1-Q81: YPNILHLLY	114	5
>PTCH1-Q81: YPNIQHLLY	362	>PTCH1-Q81: YPNILHLLY	340	22
>PTCH1-Q81: DYPNIQHLL	569	>PTCH1-Q81: DYPNILHLL	114	455

>PTCH1-Q81 DYPNIQHL	438	>PTCH1-Q81 DYPNHLHL	327	111
>PTCH1-Q81 DYPNIQHLL	130	>PTCH1-Q81 DYPNHLHLL	71	59
>PTCH1-Q81 DYPNIQHL	45	>PTCH1-Q81 DYPNHLHL	31	14
>PTCH1-Q81 DYPNIQHLL	58	>PTCH1-Q81 DYPNHLHLL	26	32
>PTCH1-Q81 DYPNIQHLLY	27	>PTCH1-Q81 DYPNHLHLLY	32	5
>PTCH1-Q81 DYPNIQHLLY	283	>PTCH1-Q81 DYPNHLHLLY	184	99
>PTCH1-Q81 DYPNIQHL	509	>PTCH1-Q81 DYPNHLHL	186	323
>PTCH1-Q81 DYPNIQHLL	630	>PTCH1-Q81 DYPNHLHLL	166	464
>PTCH1-Q81 DYPNIQHLLY	1297	>PTCH1-Q81 DYPNHLHLLY	428	869
>PTCH1-Q81 ADYPNIQHLL	58	>PTCH1-Q81 ADYPNHLHLL	21	37
>PTCH1-Q81 ADYPNIQHLL	760	>PTCH1-Q81 ADYPNHLHLL	241	519
>PTCH1-Q81 ADYPNIQHL	797	>PTCH1-Q81 ADYPNHLHL	468	329
>PTCH1-Q81 ADYPNIQHL	330	>PTCH1-Q81 ADYPNHLHL	390	60
>PTCH1-Q81 ADYPNIQHL	609	>PTCH1-Q81 ADYPNHLHL	230	379
>PTCH1-Q81 ADYPNIQHLL	124	>PTCH1-Q81 ADYPNHLHLL	142	18
>PTCH1-Q81 KADYPNIQHL	2467	>PTCH1-Q81 KADYPNHLHL	492	1975
>PTCH1-Q81 KADYPNIQHL	161	>PTCH1-Q81 KADYPNHLHL	141	20
>PTCH1-Q81 KADYPNIQHL	956	>PTCH1-Q81 KADYPNHLHL	329	627
>PTCH1-Q81 KADYPNIQHL	273	>PTCH1-Q81 KADYPNHLHL	526	253
>PTCH1-Q81 KADYPNIQHL	880	>PTCH1-Q81 KADYPNHLHL	398	482
>PTCH1-Q81 QKADYPNIQ	2394	>PTCH1-Q81 QKADYPNHL	57	2337
>PTCH1-Q81 QKADYPNIQ	62	>PTCH1-Q81 QKADYPNHL	83	21
>PTCH1-Q81 QKADYPNIQ	10618	>PTCH1-Q81 QKADYPNHL	45	10573
>PTCH1-Q81 TQKADYPNIC	3792	>PTCH1-Q81 TQKADYPNHL	132	3660
>PTCH1-Q81 TQKADYPNIC	19626	>PTCH1-Q81 TQKADYPNHL	380	19246
>PTCH1-R11 RAVLALEHM	879	>PTCH1-R11 WAVLALEHM	373	506
>PTCH1-R11 RAVLALEHMI	632	>PTCH1-R11 WAVLALEHM	288	344
>PTCH1-R11 RAVLALEHM	273	>PTCH1-R11 WAVLALEHM	172	101
>PTCH1-R11 RAVLALEHMI	138	>PTCH1-R11 WAVLALEHM	12328	12190
>PTCH1-R11 RAVLALEHMI	6042	>PTCH1-R11 WAVLALEHM	310	5732
>PTCH1-R11 RAVLALEHMI	234	>PTCH1-R11 WAVLALEHM	273	39
>PTCH1-R11 RAVLALEH	330	>PTCH1-R11 WAVLALEH	4316	3986
>PTCH1-R11 RAVLALEHM	25	>PTCH1-R11 WAVLALEHM	300	275
>PTCH1-R11 RAVLALEHMI	7	>PTCH1-R11 WAVLALEHM	34	27
>PTCH1-R11 RAVLALEH	3090	>PTCH1-R11 WAVLALEH	295	2795
>PTCH1-R11 RAVLALEHM	7013	>PTCH1-R11 WAVLALEHM	444	6569
>PTCH1-R11 RAVLALEHMI	120	>PTCH1-R11 WAVLALEHM	1457	1337
>PTCH1-R11 RAVLALEHM	66	>PTCH1-R11 WAVLALEHM	2361	2295
>PTCH1-R11 RAVLALEHMI	25	>PTCH1-R11 WAVLALEHM	331	306
>PTCH1-R11 RRAVLALEHM	5342	>PTCH1-R11 RWAVLALEH	95	5247
>PTCH1-R11 RRAVLALEHM	4687	>PTCH1-R11 RWAVLALEH	58	4629
>PTCH1-R11 RRAVLALEHM	4966	>PTCH1-R11 RWAVLALEH	6	4960
>PTCH1-R11 RRAVLALEHM	271	>PTCH1-R11 RWAVLALEH	6924	6653

>PTCH1-R11:RRAVLALEHM	26	>PTCH1-R11:RWAVLALEHI	942	916
>PTCH1-R11:RRAVLALE	414	>PTCH1-R11:RWAVLALE	14828	14414
>PTCH1-R11:RRAVLALEH	28	>PTCH1-R11:RWAVLALEH	8799	8771
>PTCH1-R11:RRAVLALEHM	35	>PTCH1-R11:RWAVLALEHI	3935	3900
>PTCH1-R11:RRAVLALEHM	15	>PTCH1-R11:RWAVLALEHI	4657	4642
>PTCH1-R11:RRAVLALE	32	>PTCH1-R11:RWAVLALE	6169	6137
>PTCH1-R11:RRAVLALEH	39	>PTCH1-R11:RWAVLALEH	2708	2669
>PTCH1-R11:RRAVLALEHM	99	>PTCH1-R11:RWAVLALEHI	3139	3040
>PTCH1-R11:RRAVLALEHM	34	>PTCH1-R11:RWAVLALEHI	1969	1935
>PTCH1-R11:RRAVLALE	318	>PTCH1-R11:RWAVLALE	12081	11763
>PTCH1-R11:RRAVLALEH	36	>PTCH1-R11:RWAVLALEH	10503	10467
>PTCH1-R11:RRAVLALEHM	57	>PTCH1-R11:RWAVLALEHI	2905	2848
>PTCH1-R11:RRAVLALEHM	12	>PTCH1-R11:RWAVLALEHI	3241	3229
>PTCH1-R11:RRAVLALE	33303	>PTCH1-R11:RWAVLALE	390	32913
>PTCH1-R11:RRAVLALEHM	23048	>PTCH1-R11:RWAVLALEHI	125	22923
>PTCH1-R11:RRAVLALEHM	32772	>PTCH1-R11:RWAVLALEHI	137	32635
>PTCH1-R11:FLTAIGDKNR	53	>PTCH1-R11:FLTAIGDKNR	24801	24748
>PTCH1-R11:NRRAVLAL	504	>PTCH1-R11:NRWAVLAL	355	149
>PTCH1-R11:NRRAVLAL	953	>PTCH1-R11:NRWAVLAL	41	912
>PTCH1-R11:NRRAVLALEH	1433	>PTCH1-R11:NRWAVLALEH	411	1022
>PTCH1-R11:NRRAVLALEH	587	>PTCH1-R11:NRWAVLALEH	35	552
>PTCH1-R11:NRRAVLAL	126	>PTCH1-R11:NRWAVLAL	25	101
>PTCH1-R11:NRRAVLAL	5554	>PTCH1-R11:NRWAVLAL	307	5247
>PTCH1-R11:NRRAVLALE	3205	>PTCH1-R11:NRWAVLALE	182	3023
>PTCH1-R11:NRRAVLAL	1133	>PTCH1-R11:NRWAVLAL	200	933
>PTCH1-R11:NRRAVLAL	572	>PTCH1-R11:NRWAVLAL	224	348
>PTCH1-R11:NRRAVLALEH	788	>PTCH1-R11:NRWAVLALEH	134	654
>PTCH1-R11:KNRRAVLA	10	>PTCH1-R11:KNRWAVLA	38	28
>PTCH1-R11:KNRRAVLAL	9	>PTCH1-R11:KNRWAVLAL	35	26
>PTCH1-R11:KNRRAVLALE	330	>PTCH1-R11:KNRWAVLAL	1634	1304
>PTCH1-R11:KNRRAVLALE	256	>PTCH1-R11:KNRWAVLAL	1381	1125
>PTCH1-R11:KNRRAVLAL	261	>PTCH1-R11:KNRWAVLAL	298	37
>PTCH1-R11:KNRRAVLAL	193	>PTCH1-R11:KNRWAVLAL	1148	955
>PTCH1-R11:DKNRRAVLAI	1883	>PTCH1-R11:DKNRWAVLA	341	1542
>PTCH1-R11:GDKNRRAVL	361	>PTCH1-R11:GDKNRWAVL	1439	1078
>PTCH1-R11:GDKNRRAVL	415	>PTCH1-R11:GDKNRWAVL	259	156
>PTCH1-R11:GDKNRRAV	2906	>PTCH1-R11:GDKNRWAV	455	2451
>PTCH1-R11:AIGDKNRRAV	161	>PTCH1-R11:AIGDKNRWA	18	143
>PTCH1-R11:AIGDKNRRAV	2026	>PTCH1-R11:AIGDKNRWA	88	1938
>PTCH1-R11:AIGDKNRRAV	4242	>PTCH1-R11:AIGDKNRWA	138	4104
>PTCH1-R11:AIGDKNRRAV	6995	>PTCH1-R11:AIGDKNRWA	286	6709
>PTCH1-R11:AIGDKNRRAV	23	>PTCH1-R11:AIGDKNRWA	5	18
>PTCH1-R11:AIGDKNRRAV	124	>PTCH1-R11:AIGDKNRWA	129	5

>PTCH1-R11:TAIGDKNRRRA	4141	>PTCH1-R11:TAIGDKNRW	174	3967
>PTCH1-R11:TAIGDKNRRRA	3898	>PTCH1-R11:TAIGDKNRW	170	3728
>PTCH1-R11:TAIGDKNRR	28	>PTCH1-R11:TAIGDKNRW	20551	20523
>PTCH1-R11:TAIGDKNRRRA	85	>PTCH1-R11:TAIGDKNRW	19	66
>PTCH1-R11:TAIGDKNRRRA	1874	>PTCH1-R11:TAIGDKNRW	109	1765
>PTCH1-R11:TAIGDKNRR	32265	>PTCH1-R11:TAIGDKNRW	127	32138
>PTCH1-R11:TAIGDKNRR	22743	>PTCH1-R11:TAIGDKNRW	49	22694
>PTCH1-R11:TAIGDKNRR	23219	>PTCH1-R11:TAIGDKNRW	109	23110
>PTCH1-R11:LTAIGDKNRR	39	>PTCH1-R11:LTAIGDKNRW	26934	26895
>PTCH1-R11:LTAIGDKNRR	9336	>PTCH1-R11:LTAIGDKNRW	11	9325
>PTCH1-R11:LTAIGDKNRR	23886	>PTCH1-R11:LTAIGDKNRW	64	23822
>PTCH1-R11:LTAIGDKNRR	22338	>PTCH1-R11:LTAIGDKNRW	25	22313
>PTCH1-R13(REGLWPPLY	159	>PTCH1-R13(GEGLWPPLY	61	98
>PTCH1-R13(REGLWPPLYF	469	>PTCH1-R13(GEGLWPPLYF	4245	3776
>PTCH1-R13(REGLWPPLY	120	>PTCH1-R13(GEGLWPPLY	4254	4134
>PTCH1-R13(REGLWPPL	78	>PTCH1-R13(GEGLWPPL	176	98
>PTCH1-R13(REGLWPPL	29	>PTCH1-R13(GEGLWPPL	38	9
>PTCH1-R13(REGLWPPLY	77	>PTCH1-R13(GEGLWPPLY	103	26
>PTCH1-R13(REGLWPPLYF	156	>PTCH1-R13(GEGLWPPLYF	1257	1101
>PTCH1-R13(REGLWPPLYF	19	>PTCH1-R13(GEGLWPPLYF	256	237
>PTCH1-R13(PREGLWPPLY	264	>PTCH1-R13(PGEGLWPPLY	26793	26529
>PTCH1-R13(PREGLWPPL	380	>PTCH1-R13(PGEGLWPPL	35927	35547
>PTCH1-R13(PREGLWPPLY	261	>PTCH1-R13(PGEGLWPPLY	196	65
>PTCH1-R13(PPREGLWPPI	857	>PTCH1-R13(PPGEGLWPPI	428	429
>PTCH1-R13(PPREGLWPPI	727	>PTCH1-R13(PPGEGLWPPI	295	432
>PTCH1-R13(DPPREGLW	926	>PTCH1-R13(DPPGEGLW	431	495
>PTCH1-R13(DPPREGLW	162	>PTCH1-R13(DPPGEGLW	164	2
>PTCH1-R13(RDPPREGLW	1325	>PTCH1-R13(RDPPGEGLW	237	1088
>PTCH1-R13(RRDPPREGLV	243	>PTCH1-R13(RRDPPGEGLV	277	34
>PTCH1-R13(RRDPPREGL	69	>PTCH1-R13(RRDPPGEGL	134	65
>PTCH1-R13(RRDPPREGLV	241	>PTCH1-R13(RRDPPGEGLV	196	45
>PTCH1-R13(RRDPPREGL	33	>PTCH1-R13(RRDPPGEGL	118	85
>PTCH1-R13(RRDPPREGLV	89	>PTCH1-R13(RRDPPGEGLV	103	14
>PTCH1-R13(RRDPPREGLV	55	>PTCH1-R13(RRDPPGEGLV	47	8
>PTCH1-R13(PRRDPPREGL	777	>PTCH1-R13(PRRDPPGEGL	162	615
>PTCH1-R13(QPRRDPPREGL	100	>PTCH1-R13(QPRRDPPGEGL	139	39
>PTCH1-R13(QQPRRDPPR	226	>PTCH1-R13(QQPRRDPPG	35779	35553
>PTCH1-R19:RQWKLEHL	291	>PTCH1-R19:RQWKLEHL	114	177
>PTCH1-R19:RQWKLEHL	44	>PTCH1-R19:RQWKLEHL	36	8
>PTCH1-R19:RQWKLEHL	417	>PTCH1-R19:RQWKLEHL	388	29
>PTCH1-R19:RQWKLEHL	521	>PTCH1-R19:RQWKLEHL	192	329
>PTCH1-R19:RQWKLEHLC'	110	>PTCH1-R19:RQWKLEHLC'	103	7
>PTCH1-R19:RQWKLEHLC'	26	>PTCH1-R19:RQWKLEHLC'	32	6

>PTCH1-R19! RQWKLEHLC'	122	>PTCH1-R19! KQWKLEHLC'	130	8
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>PTCH1-R19! RQWKLEHLC'	10	>PTCH1-R19! KQWKLEHLC'	11	1
>PTCH1-R19! RQWKLEHLC'	12	>PTCH1-R19! KQWKLEHLC'	14	2
>PTCH1-R19! RQWKLEHL	385	>PTCH1-R19! KQWKLEHL	1135	750
>PTCH1-R19! RQWKLEHLC'	76	>PTCH1-R19! KQWKLEHLC'	159	83
>PTCH1-R19! RQWKLEHL	24	>PTCH1-R19! KQWKLEHL	44	20
>PTCH1-R19! RQWKLEHLC'	4	>PTCH1-R19! KQWKLEHLC'	6	2
>PTCH1-R19! RQWKLEHLC'	172	>PTCH1-R19! KQWKLEHLC'	363	191
>PTCH1-R19! RQWKLEHL	44	>PTCH1-R19! KQWKLEHL	239	195
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>PTCH1-R19! RQWKLEHLC'	47	>PTCH1-R19! KQWKLEHLC'	225	178
>PTCH1-R19! RQWKLEHL	62	>PTCH1-R19! KQWKLEHL	149	87
>PTCH1-R19! RQWKLEHLC	318	>PTCH1-R19! KQWKLEHLC	1712	1394
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>PTCH1-R19! RQWKLEHLC	206	>PTCH1-R19! KQWKLEHLC	648	442
>PTCH1-R19! RQWKLEHL	65	>PTCH1-R19! KQWKLEHL	276	211
>PTCH1-R19! RQWKLEHLC	128	>PTCH1-R19! KQWKLEHLC	1317	1189
>PTCH1-R19! RQWKLEHLC'	195	>PTCH1-R19! KQWKLEHLC'	1457	1262
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>PTCH1-R19! NRQWKLEHL	438	>PTCH1-R19! NKQWKLEHL	9106	8668
>PTCH1-R19! NRQWKLEHL	69	>PTCH1-R19! NKQWKLEHL	4288	4219
>PTCH1-R19! ASRVHVYMY	3918	>PTCH1-R19! ASRVHVYMY	170	3748
>PTCH1-R19! ASRVHVYMY	1269	>PTCH1-R19! ASRVHVYMY	43	1226
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>PTCH1-R19! ASRVHVYMY	7	>PTCH1-R19! ASRVHVYMY	25	18
>PTCH1-R19! ASRVHVYMY	410	>PTCH1-R19! ASRVHVYMY	8184	7774
>PTCH1-R19! ASRVHVYMY	75	>PTCH1-R19! ASRVHVYMY	60	15
>PTCH1-R19! MYNRQWKL	367	>PTCH1-R19! MYNKQWKL	383	16
>PTCH1-R19! MYNRQWKL	373	>PTCH1-R19! MYNKQWKL	396	23
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>PTCH1-R19! MYNRQWKL	14	>PTCH1-R19! MYNKQWKL	13	1
>PTCH1-R19! MYNRQWKL	362	>PTCH1-R19! MYNKQWKL	484	122
>PTCH1-R19! YMYNRQWKL	167	>PTCH1-R19! YMYNKQWKL	344	177
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>PTCH1-R19! YMYNRQWKL	5	>PTCH1-R19! YMYNKQWKL	5	0
>PTCH1-R19! YMYNRQWKL	11	>PTCH1-R19! YMYNKQWKL	10	1
>PTCH1-R19! YMYNRQWKL	7	>PTCH1-R19! YMYNKQWKL	9	2
>PTCH1-R19! YMYNRQWKL	95	>PTCH1-R19! YMYNKQWKL	50	45
>PTCH1-R19! YMYNRQWKL	1	>PTCH1-R19! YMYNKQWKL	1	0
>PTCH1-R19! YMYNRQWKL	463	>PTCH1-R19! YMYNKQWKL	416	47
>PTCH1-R19! YMYNRQWKL	135	>PTCH1-R19! YMYNKQWKL	113	22



>PTCH1-R19!YMYNRQWKI	2	>PTCH1-R19!YMYNKQWKI	2	0
>PTCH1-R19!YMYNRQWKI	4	>PTCH1-R19!YMYNKQWKI	4	0
>PTCH1-R19!YMYNRQWKI	4	>PTCH1-R19!YMYNKQWKI	3	1
>PTCH1-R19!YMYNRQWK	16	>PTCH1-R19!YMYNKQWK	18	2
>PTCH1-R19!YMYNRQWKI	2	>PTCH1-R19!YMYNKQWKI	2	0
>PTCH1-R19!YMYNRQWKI	159	>PTCH1-R19!YMYNKQWKI	191	32
>PTCH1-R19!YMYNRQWK	33	>PTCH1-R19!YMYNKQWK	41	8
>PTCH1-R19!YMYNRQWKI	271	>PTCH1-R19!YMYNKQWKI	497	226
>PTCH1-R19!YMYNRQWK	61	>PTCH1-R19!YMYNKQWK	106	45
>PTCH1-R19!YMYNRQWKI	411	>PTCH1-R19!YMYNKQWKI	377	34
>PTCH1-R19!YMYNRQWKI	259	>PTCH1-R19!YMYNKQWKI	298	39
>PTCH1-R19!YMYNRQWKI	49	>PTCH1-R19!YMYNKQWKI	53	4
>PTCH1-R19!YMYNRQWK	101	>PTCH1-R19!YMYNKQWK	173	72
>PTCH1-R19!YMYNRQWK	450	>PTCH1-R19!YMYNKQWK	1326	876
>PTCH1-R19!YMYNRQWK	62	>PTCH1-R19!YMYNKQWK	113	51
>PTCH1-R19!YMYNRQWKI	27	>PTCH1-R19!YMYNKQWKI	38	11
>PTCH1-R19!YMYNRQWKI	394	>PTCH1-R19!YMYNKQWKI	994	600
>PTCH1-R19!YMYNRQWKI	429	>PTCH1-R19!YMYNKQWKI	813	384
>PTCH1-R19!YMYNRQWK	289	>PTCH1-R19!YMYNKQWK	601	312
>PTCH1-R19!YMYNRQWKI	27	>PTCH1-R19!YMYNKQWKI	48	21
>PTCH1-R19!YMYNRQWKI	127	>PTCH1-R19!YMYNKQWKI	190	63
>PTCH1-R19!YMYNRQWKI	401	>PTCH1-R19!YMYNKQWKI	386	15
>PTCH1-R19!YMYNRQWKI	282	>PTCH1-R19!YMYNKQWKI	798	516
>PTCH1-R19!YMYNRQWKI	180	>PTCH1-R19!YMYNKQWKI	301	121
>PTCH1-R19!VYMYNRQW	128	>PTCH1-R19!VYMYNKQW	404	276
>PTCH1-R19!VYMYNRQW	47	>PTCH1-R19!VYMYNKQW	44	3
>PTCH1-R19!VYMYNRQW	113	>PTCH1-R19!VYMYNKQW	192	79
>PTCH1-R19!VYMYNRQW	156	>PTCH1-R19!VYMYNKQW	238	82
>PTCH1-R19!VYMYNRQW	134	>PTCH1-R19!VYMYNKQW	135	1
>PTCH1-R19!VYMYNRQW	112	>PTCH1-R19!VYMYNKQW	156	44
>PTCH1-R19!VYMYNRQW	19	>PTCH1-R19!VYMYNKQW	18	1
>PTCH1-R19!VYMYNRQW	8	>PTCH1-R19!VYMYNKQW	10	2
>PTCH1-R19!VYMYNRQW	176	>PTCH1-R19!VYMYNKQW	1062	886
>PTCH1-R19!VYMYNRQW	377	>PTCH1-R19!VYMYNKQW	659	282
>PTCH1-R19!HVYMYNRQV	301	>PTCH1-R19!HVYMYNKQV	408	107
>PTCH1-R19!HVYMYNRQV	297	>PTCH1-R19!HVYMYNKQV	309	12
>PTCH1-R19!HVYMYNRQV	447	>PTCH1-R19!HVYMYNKQV	618	171
>PTCH1-R19!HVYMYNRQV	307	>PTCH1-R19!HVYMYNKQV	308	1
>PTCH1-R19!HVYMYNRQV	145	>PTCH1-R19!HVYMYNKQV	132	13
>PTCH1-R19!HVYMYNRQV	23	>PTCH1-R19!HVYMYNKQV	25	2
>PTCH1-R19!HVYMYNRQV	24	>PTCH1-R19!HVYMYNKQV	28	4
>PTCH1-R19!HVYMYNRQV	12	>PTCH1-R19!HVYMYNKQV	24	12
>PTCH1-R19!HVYMYNRQV	71	>PTCH1-R19!HVYMYNKQV	220	149

>PTCH1-R19! HVYMYNRQV	9	>PTCH1-R19! HVYMYNKQV	11	2
>PTCH1-R19! HVYMYNRQV	291	>PTCH1-R19! HVYMYNKQV	294	3
>PTCH1-R19! HVYMYNRQV	231	>PTCH1-R19! HVYMYNKQV	257	26
>PTCH1-R19! HVYMYNRQV	13	>PTCH1-R19! HVYMYNKQV	8	5
>PTCH1-R19! HVYMYNRQV	145	>PTCH1-R19! HVYMYNKQV	118	27
>PTCH1-R19! HVYMYNRQV	155	>PTCH1-R19! HVYMYNKQV	161	6
>PTCH1-R19! HVYMYNRQV	96	>PTCH1-R19! HVYMYNKQV	62	34
>PTCH1-R19! HVYMYNRQV	337	>PTCH1-R19! HVYMYNKQV	319	18
>PTCH1-R19! VHVYMYNRC	471	>PTCH1-R19! VHVYMYNKC	454	17
>PTCH1-R19! VHVYMYNRC	402	>PTCH1-R19! VHVYMYNKC	440	38
>PTCH1-R19! RVHVYMYNR	471	>PTCH1-R19! RVHVYMYNK	55	416
>PTCH1-R19! RVHVYMYNR	40	>PTCH1-R19! RVHVYMYNK	11	29
>PTCH1-R19! RVHVYMYNR	24	>PTCH1-R19! RVHVYMYNK	4	20
>PTCH1-R19! RVHVYMYNR	65	>PTCH1-R19! RVHVYMYNK	64	1
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>PTCH1-R19! RVHVYMYNR	281	>PTCH1-R19! RVHVYMYNK	362	81
>PTCH1-R19! RVHVYMYNR	285	>PTCH1-R19! RVHVYMYNK	6159	5874
>PTCH1-R19! RVHVYMYNR	103	>PTCH1-R19! RVHVYMYNK	372	269
>PTCH1-R19! RVHVYMYNR	15	>PTCH1-R19! RVHVYMYNK	11	4
>PTCH1-R19! RVHVYMYNR	87	>PTCH1-R19! RVHVYMYNK	84	3
>PTCH1-R19! RVHVYMYNR	44	>PTCH1-R19! RVHVYMYNK	34	10
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>PTCH1-R19! RVHVYMYNR	39	>PTCH1-R19! RVHVYMYNK	490	451
>PTCH1-R19! SRVHVYMYN	4580	>PTCH1-R19! SRVHVYMYN	391	4189
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>PTCH1-R19! SRVHVYMYN	207	>PTCH1-R19! SRVHVYMYN	3989	3782
>PTCH1-R19! RQWKLEHL	291	>PTCH1-R19! MQWKLEHL	59	232
>PTCH1-R19! RQWKLEHL	1655	>PTCH1-R19! MQWKLEHL	126	1529
>PTCH1-R19! RQWKLEHL	44	>PTCH1-R19! MQWKLEHL	22	22
>PTCH1-R19! RQWKLEHL	417	>PTCH1-R19! MQWKLEHL	175	242
>PTCH1-R19! RQWKLEHL	521	>PTCH1-R19! MQWKLEHL	277	244
>PTCH1-R19! RQWKLEHLC'	110	>PTCH1-R19! MQWKLEHLC	161	51
>PTCH1-R19! RQWKLEHLC'	26	>PTCH1-R19! MQWKLEHLC	24	2
>PTCH1-R19! RQWKLEHLC'	856	>PTCH1-R19! MQWKLEHLC	486	370
>PTCH1-R19! RQWKLEHLC'	122	>PTCH1-R19! MQWKLEHLC	488	366
>PTCH1-R19! RQWKLEHLC'	122	>PTCH1-R19! MQWKLEHLC	326	204
>PTCH1-R19! RQWKLEHLC'	10	>PTCH1-R19! MQWKLEHLC	13	3
>PTCH1-R19! RQWKLEHLC'	12	>PTCH1-R19! MQWKLEHLC	24	12
>PTCH1-R19! RQWKLEHL	385	>PTCH1-R19! MQWKLEHL	592	207
>PTCH1-R19! RQWKLEHLC'	76	>PTCH1-R19! MQWKLEHLC	89	13
>PTCH1-R19! RQWKLEHL	24	>PTCH1-R19! MQWKLEHL	29	5
>PTCH1-R19! RQWKLEHLC'	4	>PTCH1-R19! MQWKLEHLC	6	2

>PTCH1-R19! RQWKLEHLC'	172	>PTCH1-R19! MQWKLEHLC	241	69
>PTCH1-R19! RQWKLEHL	44	>PTCH1-R19! MQWKLEHL	765	721
>PTCH1-R19! RQWKLEHLC'	48	>PTCH1-R19! MQWKLEHLC	372	324
>PTCH1-R19! RQWKLEHLC'	47	>PTCH1-R19! MQWKLEHLC	693	646
>PTCH1-R19! RQWKLEHL	62	>PTCH1-R19! MQWKLEHL	122	60
>PTCH1-R19! RQWKLEHLC	318	>PTCH1-R19! MQWKLEHLC	995	677
>PTCH1-R19! RQWKLEHL	23	>PTCH1-R19! MQWKLEHL	1467	1444
>PTCH1-R19! RQWKLEHLC	206	>PTCH1-R19! MQWKLEHLC	8564	8358
>PTCH1-R19! RQWKLEHL	65	>PTCH1-R19! MQWKLEHL	1299	1234
>PTCH1-R19! RQWKLEHLC	128	>PTCH1-R19! MQWKLEHLC	6807	6679
>PTCH1-R19! RQWKLEHLC'	195	>PTCH1-R19! MQWKLEHLC	7540	7345
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>PTCH1-R19! NRQWKLEHL	23367	>PTCH1-R19! NMQWKLEHL	97	23270
>PTCH1-R19! NRQWKLEHL	20709	>PTCH1-R19! NMQWKLEHL	223	20486
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>PTCH1-R19! NRQWKLEHL	25986	>PTCH1-R19! NMQWKLEHL	30	25956
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>PTCH1-R19! NRQWKLEHL	23600	>PTCH1-R19! NMQWKLEHL	53	23547
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>PTCH1-R19! NRQWKLEHL	24420	>PTCH1-R19! NMQWKLEHL	174	24246
>PTCH1-R19! NRQWKLEHL	31050	>PTCH1-R19! NMQWKLEHL	30	31020
>PTCH1-R19! NRQWKLEHL	4059	>PTCH1-R19! NMQWKLEHL	54	4005
>PTCH1-R19! NRQWKLEHL	6224	>PTCH1-R19! NMQWKLEHL	399	5825
>PTCH1-R19! NRQWKLEHL	2248	>PTCH1-R19! NMQWKLEHL	172	2076
>PTCH1-R19! NRQWKLEHL	17796	>PTCH1-R19! NMQWKLEHL	284	17512
>PTCH1-R19! NRQWKLEHL	438	>PTCH1-R19! NMQWKLEHL	16948	16510
>PTCH1-R19! NRQWKLEHL	69	>PTCH1-R19! NMQWKLEHL	9467	9398
>PTCH1-R19! ASRVHVYMY	14864	>PTCH1-R19! ASRVHVYMY	87	14777
>PTCH1-R19! ASRVHVYMY	28	>PTCH1-R19! ASRVHVYMY	19	9
>PTCH1-R19! ASRVHVYMY	7	>PTCH1-R19! ASRVHVYMY	4108	4101
>PTCH1-R19! ASRVHVYMY	410	>PTCH1-R19! ASRVHVYMY	30297	29887
>PTCH1-R19! ASRVHVYMY	2661	>PTCH1-R19! ASRVHVYMY	139	2522
>PTCH1-R19! ASRVHVYMY	3089	>PTCH1-R19! ASRVHVYMY	5	3084
>PTCH1-R19! ASRVHVYMY	16940	>PTCH1-R19! ASRVHVYMY	310	16630
>PTCH1-R19! ASRVHVYMY	75	>PTCH1-R19! ASRVHVYMY	419	344
>PTCH1-R19! YNRQWKLEH	11969	>PTCH1-R19! YNMQWKLEH	285	11684
>PTCH1-R19! YNRQWKLEH	3474	>PTCH1-R19! YNMQWKLEH	171	3303
>PTCH1-R19! YNRQWKLEH	8951	>PTCH1-R19! YNMQWKLEH	245	8706
>PTCH1-R19! MYNRQWKL	367	>PTCH1-R19! MYNMQWKL	524	157
>PTCH1-R19! MYNRQWKL	373	>PTCH1-R19! MYNMQWKL	751	378
>PTCH1-R19! MYNRQWKL	428	>PTCH1-R19! MYNMQWKL	713	285
>PTCH1-R19! MYNRQWKL	11	>PTCH1-R19! MYNMQWKL	21	10

>PTCH1-R19!MYNRQWKL	14	>PTCH1-R19!MYNMQWKL	32	18
>PTCH1-R19!MYNRQWKL	362	>PTCH1-R19!MYNMQWKL	225	137
>PTCH1-R19!MYNRQWKL	668	>PTCH1-R19!MYNMQWKL	474	194
>PTCH1-R19!YMYNRQWKL	167	>PTCH1-R19!YMYNMQWk	294	127
>PTCH1-R19!YMYNRQWKL	7	>PTCH1-R19!YMYNMQWk	7	0
>PTCH1-R19!YMYNRQWKL	5	>PTCH1-R19!YMYNMQWk	3	2
>PTCH1-R19!YMYNRQWKL	11	>PTCH1-R19!YMYNMQWk	8	3
>PTCH1-R19!YMYNRQWKL	7	>PTCH1-R19!YMYNMQWk	7	0
>PTCH1-R19!YMYNRQWk	95	>PTCH1-R19!YMYNMQWk	43	52
>PTCH1-R19!YMYNRQWKL	1	>PTCH1-R19!YMYNMQWk	1	0
>PTCH1-R19!YMYNRQWKL	463	>PTCH1-R19!YMYNMQWk	455	8
>PTCH1-R19!YMYNRQWKL	135	>PTCH1-R19!YMYNMQWk	131	4
>PTCH1-R19!YMYNRQWKL	2	>PTCH1-R19!YMYNMQWk	2	0
>PTCH1-R19!YMYNRQWk	1022	>PTCH1-R19!YMYNMQWk	469	553
>PTCH1-R19!YMYNRQWKL	4	>PTCH1-R19!YMYNMQWk	4	0
>PTCH1-R19!YMYNRQWKL	4	>PTCH1-R19!YMYNMQWk	3	1
>PTCH1-R19!YMYNRQWk	16	>PTCH1-R19!YMYNMQWk	11	5
>PTCH1-R19!YMYNRQWKL	2	>PTCH1-R19!YMYNMQWk	2	0
>PTCH1-R19!YMYNRQWKL	641	>PTCH1-R19!YMYNMQWk	495	146
>PTCH1-R19!YMYNRQWKL	159	>PTCH1-R19!YMYNMQWk	109	50
>PTCH1-R19!YMYNRQWk	33	>PTCH1-R19!YMYNMQWk	35	2
>PTCH1-R19!YMYNRQWKL	271	>PTCH1-R19!YMYNMQWk	415	144
>PTCH1-R19!YMYNRQWk	61	>PTCH1-R19!YMYNMQWk	28	33
>PTCH1-R19!YMYNRQWKL	411	>PTCH1-R19!YMYNMQWk	146	265
>PTCH1-R19!YMYNRQWKL	259	>PTCH1-R19!YMYNMQWk	191	68
>PTCH1-R19!YMYNRQWKL	984	>PTCH1-R19!YMYNMQWk	303	681
>PTCH1-R19!YMYNRQWKL	49	>PTCH1-R19!YMYNMQWk	27	22
>PTCH1-R19!YMYNRQWk	101	>PTCH1-R19!YMYNMQWk	169	68
>PTCH1-R19!YMYNRQWKL	553	>PTCH1-R19!YMYNMQWk	179	374
>PTCH1-R19!YMYNRQWk	450	>PTCH1-R19!YMYNMQWk	1136	686
>PTCH1-R19!YMYNRQWk	62	>PTCH1-R19!YMYNMQWk	33	29
>PTCH1-R19!YMYNRQWKL	655	>PTCH1-R19!YMYNMQWk	203	452
>PTCH1-R19!YMYNRQWKL	27	>PTCH1-R19!YMYNMQWk	288	261
>PTCH1-R19!YMYNRQWKL	394	>PTCH1-R19!YMYNMQWk	776	382
>PTCH1-R19!YMYNRQWKL	429	>PTCH1-R19!YMYNMQWk	690	261
>PTCH1-R19!YMYNRQWk	289	>PTCH1-R19!YMYNMQWk	384	95
>PTCH1-R19!YMYNRQWKL	27	>PTCH1-R19!YMYNMQWk	43	16
>PTCH1-R19!YMYNRQWKL	127	>PTCH1-R19!YMYNMQWk	138	11
>PTCH1-R19!YMYNRQWKL	401	>PTCH1-R19!YMYNMQWk	483	82
>PTCH1-R19!YMYNRQWKL	282	>PTCH1-R19!YMYNMQWk	149	133
>PTCH1-R19!YMYNRQWKL	180	>PTCH1-R19!YMYNMQWk	162	18
>PTCH1-R19!VYMYNRQW	128	>PTCH1-R19!VYMYNMQW	115	13
>PTCH1-R19!VYMYNRQW	47	>PTCH1-R19!VYMYNMQW	27	20

>PTCH1-R19! VYMYNRQW	113	>PTCH1-R19! VYMYNMQM	118	5
>PTCH1-R19! VYMYNRQW	156	>PTCH1-R19! VYMYNMQM	122	34
>PTCH1-R19! VYMYNRQW	134	>PTCH1-R19! VYMYNMQM	69	65
>PTCH1-R19! VYMYNRQW	112	>PTCH1-R19! VYMYNMQM	81	31
>PTCH1-R19! VYMYNRQW	19	>PTCH1-R19! VYMYNMQM	8	11
>PTCH1-R19! VYMYNRQW	8	>PTCH1-R19! VYMYNMQM	7	1
>PTCH1-R19! VYMYNRQW	945	>PTCH1-R19! VYMYNMQM	229	716
>PTCH1-R19! VYMYNRQW	176	>PTCH1-R19! VYMYNMQM	540	364
>PTCH1-R19! VYMYNRQW	377	>PTCH1-R19! VYMYNMQM	569	192
>PTCH1-R19! VYMYNRQW	718	>PTCH1-R19! VYMYNMQM	293	425
>PTCH1-R19! VYMYNRQW	531	>PTCH1-R19! VYMYNMQM	290	241
>PTCH1-R19! HVYMYNRQV	301	>PTCH1-R19! HVYMYNMQ	323	22
>PTCH1-R19! HVYMYNRQV	824	>PTCH1-R19! HVYMYNMQ	289	535
>PTCH1-R19! HVYMYNRQV	297	>PTCH1-R19! HVYMYNMQ	137	160
>PTCH1-R19! HVYMYNRQV	447	>PTCH1-R19! HVYMYNMQ	211	236
>PTCH1-R19! HVYMYNRQV	307	>PTCH1-R19! HVYMYNMQ	212	95
>PTCH1-R19! HVYMYNRQV	145	>PTCH1-R19! HVYMYNMQ	41	104
>PTCH1-R19! HVYMYNRQV	23	>PTCH1-R19! HVYMYNMQ	16	7
>PTCH1-R19! HVYMYNRQV	24	>PTCH1-R19! HVYMYNMQ	13	11
>PTCH1-R19! HVYMYNRQV	12	>PTCH1-R19! HVYMYNMQ	12	0
>PTCH1-R19! HVYMYNRQV	71	>PTCH1-R19! HVYMYNMQ	413	342
>PTCH1-R19! HVYMYNRQV	541	>PTCH1-R19! HVYMYNMQ	206	335
>PTCH1-R19! HVYMYNRQV	778	>PTCH1-R19! HVYMYNMQ	389	389
>PTCH1-R19! HVYMYNRQ	746	>PTCH1-R19! HVYMYNMQ	217	529
>PTCH1-R19! HVYMYNRQV	9	>PTCH1-R19! HVYMYNMQ	8	1
>PTCH1-R19! HVYMYNRQV	291	>PTCH1-R19! HVYMYNMQ	69	222
>PTCH1-R19! HVYMYNRQV	231	>PTCH1-R19! HVYMYNMQ	63	168
>PTCH1-R19! HVYMYNRQV	13	>PTCH1-R19! HVYMYNMQ	8	5
>PTCH1-R19! HVYMYNRQV	145	>PTCH1-R19! HVYMYNMQ	139	6
>PTCH1-R19! HVYMYNRQV	155	>PTCH1-R19! HVYMYNMQ	145	10
>PTCH1-R19! HVYMYNRQV	96	>PTCH1-R19! HVYMYNMQ	12	84
>PTCH1-R19! HVYMYNRQV	337	>PTCH1-R19! HVYMYNMQ	140	197
>PTCH1-R19! HVYMYNRQV	7175	>PTCH1-R19! HVYMYNMQ	117	7058
>PTCH1-R19! VHVMYNR	471	>PTCH1-R19! VHVMYNR	229	242
>PTCH1-R19! VHVMYNR	402	>PTCH1-R19! VHVMYNR	100	302
>PTCH1-R19! RVHVYMYNR	15560	>PTCH1-R19! RVHVYMYNR	234	15326
>PTCH1-R19! RVHVYMYNR	471	>PTCH1-R19! RVHVYMYNR	14450	13979
>PTCH1-R19! RVHVYMYNR	40	>PTCH1-R19! RVHVYMYNR	5850	5810
>PTCH1-R19! RVHVYMYNR	12930	>PTCH1-R19! RVHVYMYNR	42	12888
>PTCH1-R19! RVHVYMYNR	24	>PTCH1-R19! RVHVYMYNR	17	7
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>PTCH1-R19! RVHVYMYNR	1118	>PTCH1-R19! RVHVYMYNR	360	758
>PTCH1-R19! RVHVYMYNR	6	>PTCH1-R19! RVHVYMYNR	177	171

>PTCH1-R19!RVHVYMYNR	281	>PTCH1-R19!RVHVYMYNN	172	109
>PTCH1-R19!RVHVYMYNR	285	>PTCH1-R19!RVHVYMYNN	26947	26662
>PTCH1-R19!RVHVYMYNR	103	>PTCH1-R19!RVHVYMYNN	29684	29581
>PTCH1-R19!RVHVYMYNR	10764	>PTCH1-R19!RVHVYMYNN	24	10740
>PTCH1-R19!RVHVYMYNR	15	>PTCH1-R19!RVHVYMYNN	11	4
>PTCH1-R19!RVHVYMYNR	87	>PTCH1-R19!RVHVYMYNN	87	0
>PTCH1-R19!RVHVYMYNR	44	>PTCH1-R19!RVHVYMYNN	14	30
>PTCH1-R19!RVHVYMYNR	3696	>PTCH1-R19!RVHVYMYNN	264	3432
>PTCH1-R19!RVHVYMYNR	225	>PTCH1-R19!RVHVYMYNN	4560	4335
>PTCH1-R19!RVHVYMYNR	39	>PTCH1-R19!RVHVYMYNN	15015	14976
>PTCH1-R19!SRVHVYMYN	102	>PTCH1-R19!SRVHVYMYN	13901	13799
>PTCH1-R19!SRVHVYMYN	1578	>PTCH1-R19!SRVHVYMYN	111	1467
>PTCH1-R19!SRVHVYMYN	202	>PTCH1-R19!SRVHVYMYN	203	1
>PTCH1-R19!SRVHVYMYN	207	>PTCH1-R19!SRVHVYMYN	25368	25161
>PTCH1-R29!KAEVGHGYM	169	>PTCH1-R29!KAEVGHGYM	22006	21837
>PTCH1-R29!MDRPLNPA	422	>PTCH1-R29!MDCPCLNPA	2556	2134
>PTCH1-R29!MDRPLNPA	105	>PTCH1-R29!MDCPCLNPA	162	57
>PTCH1-R29!YMDRPLNPA	88	>PTCH1-R29!YMDCPCLNPA	39	49
>PTCH1-R29!YMDRPLNPA	148	>PTCH1-R29!YMDCPCLNPA	73	75
>PTCH1-R29!YMDRPLNPA	44	>PTCH1-R29!YMDCPCLNPA	49	5
>PTCH1-R29!YMDRPLNPA	52	>PTCH1-R29!YMDCPCLNPA	34	18
>PTCH1-R29!YMDRPLN	363	>PTCH1-R29!YMDCPCLN	230	133
>PTCH1-R29!YMDRPLNPA	8	>PTCH1-R29!YMDCPCLNPA	6	2
>PTCH1-R29!YMDRPLNPA	18	>PTCH1-R29!YMDCPCLNPA	7	11
>PTCH1-R29!YMDRPLNPA	23	>PTCH1-R29!YMDCPCLNPA	26	3
>PTCH1-R29!YMDRPLNPA	127	>PTCH1-R29!YMDCPCLNPA	96	31
>PTCH1-R29!YMDRPLNPA	10	>PTCH1-R29!YMDCPCLNPA	36	26
>PTCH1-R29!YMDRPLNPA	1209	>PTCH1-R29!YMDCPCLNPA	427	782
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>PTCH1-R29!GYMDRPL	966	>PTCH1-R29!GYMDCPCL	194	772
>PTCH1-R29!GYMDRPL	257	>PTCH1-R29!GYMDCPCL	186	71
>PTCH1-R29!EVGHGYMDF	174	>PTCH1-R29!EVGHGYMDC	36503	36329
>PTCH1-R29!EVGHGYMDF	71	>PTCH1-R29!EVGHGYMDC	35939	35868
>PTCH1-R29!AEVGHGYME	1048	>PTCH1-R29!AEVGHGYME	382	666
>PTCH1-R29!AEVGHGYME	612	>PTCH1-R29!AEVGHGYME	195	417
>PTCH1-R66!RTEYDPHTH\	28	>PTCH1-R66!GTEYDPHTH\	35	7
>PTCH1-R66!RTEYDPHTH\	483	>PTCH1-R66!GTEYDPHTH\	1553	1070
>PTCH1-R66!RTEYDPHTH\	314	>PTCH1-R66!GTEYDPHTH\	84	230
>PTCH1-R66!RTEYDPHTH\	17	>PTCH1-R66!GTEYDPHTH\	34	17
>PTCH1-R66!RTEYDPHTH\	159	>PTCH1-R66!GTEYDPHTH\	4531	4372
>PTCH1-R66!RTEYDPHTH\	227	>PTCH1-R66!GTEYDPHTH\	1013	786
>PTCH1-R66!RTEYDPHTH\	69	>PTCH1-R66!GTEYDPHTH\	2623	2554
>PTCH1-R66!RTEYDPHTH\	9	>PTCH1-R66!GTEYDPHTH\	87	78

>PTCH1-R66!RTEYDPHTH\	479	>PTCH1-R66!GTEYDPHTH\	12802	12323
>PTCH1-R66!RTEYDPHTH	392	>PTCH1-R66!GTEYDPHTH	524	132
>PTCH1-R66!RTEYDPHTH\	340	>PTCH1-R66!GTEYDPHTH\	2434	2094
>PTCH1-R66!RTEYDPHTH\	33	>PTCH1-R66!GTEYDPHTH\	39	6
>PTCH1-R66!RTEYDPHTH\	157	>PTCH1-R66!GTEYDPHTH\	183	26
>PTCH1-R66!QITMQSTVQ	64	>PTCH1-R66!QITMQSTVQ	32882	32818
>PTCH1-R66!QITMQSTVQ	284	>PTCH1-R66!QITMQSTVQ	35982	35698
>PTCH1-R66!VQLRTEYDP†	617	>PTCH1-R66!VQLGTEYDP†	294	323
>PTCH1-R66!VQLRTEYDP†	390	>PTCH1-R66!VQLGTEYDP†	1459	1069
>PTCH1-R66!TVQLRTEY	459	>PTCH1-R66!TVQLGTEY	701	242
>PTCH1-R66!TVQLRTEY	415	>PTCH1-R66!TVQLGTEY	111	304
>PTCH1-R66!TVQLRTEY	726	>PTCH1-R66!TVQLGTEY	428	298
>PTCH1-R66!STVQLRTEY	120	>PTCH1-R66!STVQLGTEY	900	780
>PTCH1-R66!STVQLRTEY	293	>PTCH1-R66!STVQLGTEY	186	107
>PTCH1-R66!STVQLRTEY	32	>PTCH1-R66!STVQLGTEY	39	7
>PTCH1-R66!STVQLRTEY	245	>PTCH1-R66!STVQLGTEY	99	146
>PTCH1-R66!STVQLRTEY	142	>PTCH1-R66!STVQLGTEY	75	67
>PTCH1-R66!STVQLRTEY	164	>PTCH1-R66!STVQLGTEY	415	251
>PTCH1-R66!STVQLRTEY	224	>PTCH1-R66!STVQLGTEY	722	498
>PTCH1-R66!STVQLRTEY	428	>PTCH1-R66!STVQLGTEY	92	336
>PTCH1-R66!STVQLRTEY	223	>PTCH1-R66!STVQLGTEY	96	127
>PTCH1-R66!STVQLRTEY	9	>PTCH1-R66!STVQLGTEY	5	4
>PTCH1-R66!STVQLRTEY	5	>PTCH1-R66!STVQLGTEY	3	2
>PTCH1-R66!STVQLRTEY	136	>PTCH1-R66!STVQLGTEY	143	7
>PTCH1-R66!QSTVQLRTEY	601	>PTCH1-R66!QSTVQLGTEY	434	167
>PTCH1-R66!QSTVQLRTEY	29	>PTCH1-R66!QSTVQLGTEY	16	13
>PTCH1-R66!QSTVQLRTEY	46	>PTCH1-R66!QSTVQLGTEY	43	3
>PTCH1-R66!MQSTVQLRT	2270	>PTCH1-R66!MQSTVQLGT	353	1917
>PTCH1-R66!MQSTVQLRT	237	>PTCH1-R66!MQSTVQLGT	151	86
>PTCH1-R66!MQSTVQLRT	74	>PTCH1-R66!MQSTVQLGT	109	35
>PTCH1-R66!MQSTVQLR	32	>PTCH1-R66!MQSTVQLG	19024	18992
>PTCH1-R66!MQSTVQLR	58	>PTCH1-R66!MQSTVQLG	33720	33662
>PTCH1-R66!MQSTVQLRT	785	>PTCH1-R66!MQSTVQLGT	466	319
>PTCH1-R66!MQSTVQLRT	58	>PTCH1-R66!MQSTVQLGT	50	8
>PTCH1-R66!MQSTVQLRT	8	>PTCH1-R66!MQSTVQLGT	6	2
>PTCH1-R66!MQSTVQLRT	145	>PTCH1-R66!MQSTVQLGT	91	54
>PTCH1-R66!MQSTVQLR	304	>PTCH1-R66!MQSTVQLG	34629	34325
>PTCH1-R66!TMQSTVQLR	497	>PTCH1-R66!TMQSTVQLG	23615	23118
>PTCH1-R66!TMQSTVQLR	17	>PTCH1-R66!TMQSTVQLG	18256	18239
>PTCH1-R66!TMQSTVQLR	388	>PTCH1-R66!TMQSTVQLG	35128	34740
>PTCH1-R66!TMQSTVQLR	91	>PTCH1-R66!TMQSTVQLG	35707	35616
>PTCH1-R66!ITMQSTVQLF	43	>PTCH1-R66!ITMQSTVQLC	28289	28246
>PTCH1-R66!ITMQSTVQLF	42	>PTCH1-R66!ITMQSTVQLC	25336	25294

>PTCH1-R66:ITMQSTVQLF	478	>PTCH1-R66:ITMQSTVQLC	29653	29175
>PTCH1-R66:ITMQSTVQLF	18	>PTCH1-R66:ITMQSTVQLC	25348	25330
>PTCH1-R66:ITMQSTVQLF	169	>PTCH1-R66:ITMQSTVQLC	219	50
>PTCH1-R66:ITMQSTVQLF	292	>PTCH1-R66:ITMQSTVQLC	12925	12633
>PTCH1-R66:ITMQSTVQLF	230	>PTCH1-R66:ITMQSTVQLC	33898	33668
>PTCH1-R68:RSEISVQPV	13	>PTCH1-R68:RSEISVQPV	86	73
>PTCH1-R68:RSEISVQPVTV	22	>PTCH1-R68:RSEISVQPVTV	173	151
>PTCH1-R68:RSEISVQPV	18830	>PTCH1-R68:RSEISVQPV	356	18474
>PTCH1-R68:RSEISVQPV	18505	>PTCH1-R68:RSEISVQPV	230	18275
>PTCH1-R68:RSEISVQPV	13668	>PTCH1-R68:RSEISVQPV	7	13661
>PTCH1-R68:RSEISVQPV	20485	>PTCH1-R68:RSEISVQPV	53	20432
>PTCH1-R68:RSEISVQPV	15452	>PTCH1-R68:RSEISVQPV	10	15442
>PTCH1-R68:RSEISVQPV	18639	>PTCH1-R68:RSEISVQPV	6	18633
>PTCH1-R68:RSEISVQPV	15090	>PTCH1-R68:RSEISVQPV	3	15087
>PTCH1-R68:THVYYTTAEP	166	>PTCH1-R68:THVYYTTAEP	32113	31947
>PTCH1-R68:THVYYTTAEP	4186	>PTCH1-R68:THVYYTTAEP	353	3833
>PTCH1-R68:THVYYTTAEP	3965	>PTCH1-R68:THVYYTTAEP	9	3956
>PTCH1-R68:THVYYTTAEP	400	>PTCH1-R68:THVYYTTAEP	32139	31739
>PTCH1-R68:RSEISV	5910	>PTCH1-R68:RSEISV	77	5833
>PTCH1-R68:RSEISVQPV	2134	>PTCH1-R68:RSEISVQPV	28	2106
>PTCH1-R68:RSEISVQPV	206	>PTCH1-R68:RSEISVQPV	4591	4385
>PTCH1-R68:RSEISVQPV	496	>PTCH1-R68:RSEISVQPV	2721	2225
>PTCH1-R68:AEPRSEISV	411	>PTCH1-R68:AEPRSEISV	503	92
>PTCH1-R68:AEPRSEISV	85	>PTCH1-R68:AEPRSEISV	39	46
>PTCH1-R68:TAEPREI	197	>PTCH1-R68:TAEPREI	171	26
>PTCH1-R68:TTAEPRSEI	4659	>PTCH1-R68:TTAEPRSEI	464	4195
>PTCH1-R68:TTAEPRSEISV	1643	>PTCH1-R68:TTAEPRSEISV	403	1240
>PTCH1-R68:TTAEPRSEI	2182	>PTCH1-R68:TTAEPRSEI	95	2087
>PTCH1-R68:TTAEPRSEISV	912	>PTCH1-R68:TTAEPRSEISV	162	750
>PTCH1-R68:TTAEPRSEI	4783	>PTCH1-R68:TTAEPRSEI	116	4667
>PTCH1-R68:TTAEPRSEISV	505	>PTCH1-R68:TTAEPRSEISV	75	430
>PTCH1-R68:TTAEPRSEI	4126	>PTCH1-R68:TTAEPRSEI	284	3842
>PTCH1-R68:TTAEPRSEISV	323	>PTCH1-R68:TTAEPRSEISV	75	248
>PTCH1-R68:TTAEPRSEISV	834	>PTCH1-R68:TTAEPRSEISV	270	564
>PTCH1-R68:TTAEPRSEISV	172	>PTCH1-R68:TTAEPRSEISV	126	46
>PTCH1-R68:TTAEPRSEI	1311	>PTCH1-R68:TTAEPRSEI	47	1264
>PTCH1-R68:TTAEPRSEI	5	>PTCH1-R68:TTAEPRSEI	5	0
>PTCH1-R68:TTAEPRSEISV	6	>PTCH1-R68:TTAEPRSEISV	7	1
>PTCH1-R68:TTAEPRSEI	17	>PTCH1-R68:TTAEPRSEI	8	9
>PTCH1-R68:TTAEPRSEISV	11	>PTCH1-R68:TTAEPRSEISV	10	1
>PTCH1-R68:TTAEPRSEI	328	>PTCH1-R68:TTAEPRSEI	73	255
>PTCH1-R68:TTAEPRSEI	1289	>PTCH1-R68:TTAEPRSEI	297	992
>PTCH1-R68:TTAEPRSEI	104	>PTCH1-R68:TTAEPRSEI	69	35



>PTCH1-R68:TTAEP RSEI	37	>PTCH1-R68:TTAEP LSEI	20	17
>PTCH1-R68:YT TAEPRSEI	585	>PTCH1-R68:YT TAEPLSEI	121	464
>PTCH1-R68:YT TAEPRSEI	319	>PTCH1-R68:YT TAEPLSEI	45	274
>PTCH1-R68:YT TAEPRSEI	973	>PTCH1-R68:YT TAEPLSEI	99	874
>PTCH1-R68:YT TAEPRSEI	969	>PTCH1-R68:YT TAEPLSEI	157	812
>PTCH1-R68:YT TAEPRSEI	41	>PTCH1-R68:YT TAEPLSEI	32	9
>PTCH1-R68:YT TAEPRSEI	576	>PTCH1-R68:YT TAEPLSEI	173	403
>PTCH1-R68:YT TAEPRSEI	65	>PTCH1-R68:YT TAEPLSEI	23	42
>PTCH1-R68:YT TAEPRSEI	201	>PTCH1-R68:YT TAEPLSEI	125	76
>PTCH1-R68:YT TAEPRSEI	104	>PTCH1-R68:YT TAEPLSEI	62	42
>PTCH1-R68:YT TAEPRSEI	27	>PTCH1-R68:YT TAEPLSEI	24	3
>PTCH1-R68:YY TTAEP R	20466	>PTCH1-R68:YY TTAEP L	40	20426
>PTCH1-R68:YY TTAEP RSEI	23	>PTCH1-R68:YY TTAEP LSEI	40	17
>PTCH1-R68:YY TTAEP RSEI	614	>PTCH1-R68:YY TTAEP LSEI	453	161
>PTCH1-R68:YY TTAEP RSEI	756	>PTCH1-R68:YY TTAEP LSEI	318	438
>PTCH1-R68:YY TTAEP R	2561	>PTCH1-R68:YY TTAEP L	15	2546
>PTCH1-R68:YY TTAEP RSEI	9	>PTCH1-R68:YY TTAEP LSEI	7	2
>PTCH1-R68:YY TTAEP R	193	>PTCH1-R68:YY TTAEP L	24552	24359
>PTCH1-R68:YY TTAEP R	85	>PTCH1-R68:YY TTAEP L	29589	29504
>PTCH1-R68:YY TTAEP R	27	>PTCH1-R68:YY TTAEP L	22046	22019
>PTCH1-R68:VYY TTAEP R	13862	>PTCH1-R68:VYY TTAEP L	150	13712
>PTCH1-R68:VYY TTAEP R	22202	>PTCH1-R68:VYY TTAEP L	24	22178
>PTCH1-R68:VYY TTAEP R	9622	>PTCH1-R68:VYY TTAEP L	452	9170
>PTCH1-R68:VYY TTAEP R	7724	>PTCH1-R68:VYY TTAEP L	438	7286
>PTCH1-R68:VYY TTAEP R	8473	>PTCH1-R68:VYY TTAEP L	69	8404
>PTCH1-R68:VYY TTAEP R	87	>PTCH1-R68:VYY TTAEP L	13864	13777
>PTCH1-R68:VYY TTAEP R	18	>PTCH1-R68:VYY TTAEP L	15689	15671
>PTCH1-R68:VYY TTAEP R	1479	>PTCH1-R68:VYY TTAEP L	235	1244
>PTCH1-R68:HVYY TTAEP R	14140	>PTCH1-R68:HVYY TTAEP L	116	14024
>PTCH1-R68:HVYY TTAEP R	187	>PTCH1-R68:HVYY TTAEP L	11315	11128
>PTCH1-R68:HVYY TTAEP R	232	>PTCH1-R68:HVYY TTAEP L	29838	29606
>PTCH1-R68:HVYY TTAEP R	14089	>PTCH1-R68:HVYY TTAEP L	384	13705
>PTCH1-R68:HVYY TTAEP R	668	>PTCH1-R68:HVYY TTAEP L	454	214
>PTCH1-R68:HVYY TTAEP R	63	>PTCH1-R68:HVYY TTAEP L	12632	12569
>PTCH1-R68:HVYY TTAEP R	1166	>PTCH1-R68:HVYY TTAEP L	20	1146
>PTCH1-R68:HVYY TTAEP R	147	>PTCH1-R68:HVYY TTAEP L	14462	14315
>PTCH1-R68:HVYY TTAEP R	4	>PTCH1-R68:HVYY TTAEP L	8373	8369
>PTCH1-R68:HVYY TTAEP R	14935	>PTCH1-R68:HVYY TTAEP L	67	14868
>PTCH1-R68:HVYY TTAEP R	5778	>PTCH1-R68:HVYY TTAEP L	30	5748
>PTCH1-R68:HVYY TTAEP R	11959	>PTCH1-R68:HVYY TTAEP L	409	11550
>PTCH1-R68:HVYY TTAEP R	2912	>PTCH1-R68:HVYY TTAEP L	276	2636
>PTCH1-R68:HVYY TTAEP R	16753	>PTCH1-R68:HVYY TTAEP L	59	16694
>PTCH1-R68:HVYY TTAEP R	16998	>PTCH1-R68:HVYY TTAEP L	109	16889

>PTCH1-R68:HVYYTTAEPR	36	>PTCH1-R68:HVYYTTAEPL	23179	23143
>PTCH1-R99:RTICSNYTSL	290	>PTCH1-R99:STICSNYTSL	181	109
>PTCH1-R99:RTICSNYTSL	405	>PTCH1-R99:STICSNYTSL	265	140
>PTCH1-R99:RTICSNYTSL	528	>PTCH1-R99:STICSNYTSL	304	224
>PTCH1-R99:RTICSNYTSL	666	>PTCH1-R99:STICSNYTSL	107	559
>PTCH1-R99:RTICSNYTSL	635	>PTCH1-R99:STICSNYTSL	369	266
>PTCH1-R99:RTICSNYTSL	221	>PTCH1-R99:STICSNYTSL	3043	2822
>PTCH1-R99:RTICSNYTS	207	>PTCH1-R99:STICSNYTS	1340	1133
>PTCH1-R99:RTICSNYTSL	24	>PTCH1-R99:STICSNYTSL	174	150
>PTCH1-R99:RTICSNYT	1448	>PTCH1-R99:STICSNYT	65	1383
>PTCH1-R99:RTICSNYTS	1868	>PTCH1-R99:STICSNYTS	70	1798
>PTCH1-R99:RTICSNYTSL	229	>PTCH1-R99:STICSNYTSL	117	112
>PTCH1-R99:RTICSNYTSL	1214	>PTCH1-R99:STICSNYTSL	86	1128
>PTCH1-R99:RTICSNYTSL	290	>PTCH1-R99:STICSNYTSL	730	440
>PTCH1-R99:RTICSNYTSL	32	>PTCH1-R99:STICSNYTSL	151	119
>PTCH1-R99:RTICSNYT	470	>PTCH1-R99:STICSNYT	4095	3625
>PTCH1-R99:RTICSNYTS	143	>PTCH1-R99:STICSNYTS	1228	1085
>PTCH1-R99:RTICSNYTSL	3	>PTCH1-R99:STICSNYTSL	12	9
>PTCH1-R99:RTICSNYTSL	204	>PTCH1-R99:STICSNYTSL	6438	6234
>PTCH1-R99:RTICSNYTSL	389	>PTCH1-R99:STICSNYTSL	349	40
>PTCH1-R99:RTICSNYTSL	100	>PTCH1-R99:STICSNYTSL	159	59
>PTCH1-R99:RTICSNYTSLG	360	>PTCH1-R99:STICSNYTSLG	477	117
>PTCH1-R99:RTICSNYTSL	174	>PTCH1-R99:STICSNYTSL	219	45
>PTCH1-R99:VRTICSNYTSL	4157	>PTCH1-R99:VSTICSNYTSL	471	3686
>PTCH1-R99:VRTICSNY	171	>PTCH1-R99:VSTICSNY	23	148
>PTCH1-R99:VRTICSNY	290	>PTCH1-R99:VSTICSNY	542	252
>PTCH1-R99:VRTICSNYTSL	411	>PTCH1-R99:VSTICSNYTSL	835	424
>PTCH1-R99:VRTICSNY	18970	>PTCH1-R99:VSTICSNY	8	18962
>PTCH1-R99:VRTICSNYTSL	23390	>PTCH1-R99:VSTICSNYTSL	27	23363
>PTCH1-R99:VRTICSNYTSL	18063	>PTCH1-R99:VSTICSNYTSL	52	18011
>PTCH1-R99:VRTICSNY	7258	>PTCH1-R99:VSTICSNY	95	7163
>PTCH1-R99:VRTICSNYTSL	7657	>PTCH1-R99:VSTICSNYTSL	155	7502
>PTCH1-R99:VRTICSNYTSL	168	>PTCH1-R99:VSTICSNYTSL	29871	29703
>PTCH1-R99:KVRTICSNY	98	>PTCH1-R99:KVSTICSNY	99	1
>PTCH1-R99:KVRTICSNY	5043	>PTCH1-R99:KVSTICSNY	252	4791
>PTCH1-R99:KVRTICSNY	313	>PTCH1-R99:KVSTICSNY	91	222
>PTCH1-R99:KVRTICSN	39	>PTCH1-R99:KVSTICSN	4038	3999
>PTCH1-R99:KVRTICSNY	16	>PTCH1-R99:KVSTICSNY	3169	3153
>PTCH1-R99:KVRTICSNYT	15	>PTCH1-R99:KVSTICSNYT	2528	2513
>PTCH1-R99:KVRTICSNYTS	17	>PTCH1-R99:KVSTICSNYTS	2798	2781
>PTCH1-R99:KVRTICSNY	24	>PTCH1-R99:KVSTICSNY	9	15
>PTCH1-R99:KVRTICSNY	68	>PTCH1-R99:KVSTICSNY	31	37
>PTCH1-R99:KVRTICSNY	220	>PTCH1-R99:KVSTICSNY	613	393

>PTCH1-R99!KVRTICSNY	139	>PTCH1-R99!KVSTICSNY	468	329
>PTCH1-R99!KVRTICSNY	4	>PTCH1-R99!KVSTICSNY	6	2
>PTCH1-R99!KVRTICSNY	788	>PTCH1-R99!KVSTICSNY	367	421
>PTCH1-R99!EKVRTICSNY	1295	>PTCH1-R99!EKVSTICSNY	336	959
>PTCH1-R99!EKVRTICSNY	117	>PTCH1-R99!EKVSTICSNY	90	27
>PTCH1-R99!EKVRTICSNY	331	>PTCH1-R99!EKVSTICSNY	328	3
>PTCH1-R99!EKVRTICSNY	20	>PTCH1-R99!EKVSTICSNY	13	7
>PTCH1-R99!IEKVRTICSNY	198	>PTCH1-R99!IEKVSTICSNY	53	145
>PTCH1-R99!IEKVRTICSNY	367	>PTCH1-R99!IEKVSTICSNY	216	151
>PTCH1-R99!IEKVRTICSNY	413	>PTCH1-R99!IEKVSTICSNY	313	100
>PTCH1-R99!AIEKVRTI	522	>PTCH1-R99!AIEKVSTI	472	50
>PTCH1-R99!EAIEKVRTI	625	>PTCH1-R99!EAIEKVSTI	126	499
>PTCH1-R99!EAIEKVRTI	344	>PTCH1-R99!EAIEKVSTI	38	306
>PTCH1-R99!EAIEKVRTI	406	>PTCH1-R99!EAIEKVSTI	74	332
>PTCH1-R99!EAIEKVRTI	1189	>PTCH1-R99!EAIEKVSTI	250	939
>PTCH1-R99!VEAIEKVRTI	22	>PTCH1-R99!VEAIEKVSTI	21	1
>PTCH1-R99!VEAIEKVRTI	616	>PTCH1-R99!VEAIEKVSTI	499	117
>PTCH1-R99!VEAIEKVRTI	77	>PTCH1-R99!VEAIEKVSTI	61	16
>PTCH1-R99!FVEAIEKVRTI	946	>PTCH1-R99!FVEAIEKVSTI	283	663
>PTCH1-R99!FVEAIEKVRTI	1033	>PTCH1-R99!FVEAIEKVSTI	265	768
>PTCH1-R99!FVEAIEKVRTI	1390	>PTCH1-R99!FVEAIEKVSTI	394	996
>PTCH1-R99!FVEAIEKVR	51	>PTCH1-R99!FVEAIEKVS	21316	21265
>PTCH1-R99!DFVEAIEKVR	355	>PTCH1-R99!DFVEAIEKVS	29957	29602
>PTCH1-R99!DFVEAIEKVR	365	>PTCH1-R99!DFVEAIEKVS	36483	36118
>PTCH1-S107SAVPVVIL	431	>PTCH1-S107IAVPVVIL	595	164
>PTCH1-S107SAVPVVILI	84	>PTCH1-S107IAVPVVILI	92	8
>PTCH1-S107SAVPVVILIA	420	>PTCH1-S107IAVPVVILIA	688	268
>PTCH1-S107SAVPVVILI	465	>PTCH1-S107IAVPVVILI	589	124
>PTCH1-S107SAVPVVIL	323	>PTCH1-S107IAVPVVIL	1356	1033
>PTCH1-S107SAVPVVILI	39	>PTCH1-S107IAVPVVILI	161	122
>PTCH1-S107SAVPVVIL	201	>PTCH1-S107IAVPVVIL	46	155
>PTCH1-S107SAVPVVILI	1256	>PTCH1-S107IAVPVVILI	239	1017
>PTCH1-S107SAVPVVILI	4640	>PTCH1-S107IAVPVVILI	485	4155
>PTCH1-S107SAVPVVIL	2225	>PTCH1-S107IAVPVVIL	177	2048
>PTCH1-S107SAVPVVILI	164	>PTCH1-S107IAVPVVILI	24	140
>PTCH1-S107SAVPVVILI	161	>PTCH1-S107IAVPVVILI	141	20
>PTCH1-S107SAVPVVILI	54	>PTCH1-S107IAVPVVILI	104	50
>PTCH1-S107LSAVPVVIL	2971	>PTCH1-S107LIAVPVVIL	391	2580
>PTCH1-S107LSAVPVVILI	2191	>PTCH1-S107LIAVPVVILI	276	1915
>PTCH1-S107LSAVPVVVI	11154	>PTCH1-S107LIAVPVVVI	418	10736
>PTCH1-S107LSAVPVVILI	7662	>PTCH1-S107LIAVPVVILI	237	7425
>PTCH1-S107LSAVPVVIL	21213	>PTCH1-S107LIAVPVVIL	208	21005
>PTCH1-S107LSAVPVVILI	25086	>PTCH1-S107LIAVPVVILI	432	24654

>PTCH1-S107LSAVPVVI	540	>PTCH1-S107LIAVPVVI	410	130
>PTCH1-S107LSAVPVVILI	376	>PTCH1-S107LIAVPVVILI	368	8
>PTCH1-S107LSAVPVVI	474	>PTCH1-S107LIAVPVVI	2156	1682
>PTCH1-S107LSAVPVVIL	286	>PTCH1-S107LIAVPVVIL	1455	1169
>PTCH1-S107LSAVPVVI	211	>PTCH1-S107LIAVPVVI	13444	13233
>PTCH1-S107LSAVPVVIL	44	>PTCH1-S107LIAVPVVIL	8438	8394
>PTCH1-S107LSAVPVVILI	219	>PTCH1-S107LIAVPVVILI	13662	13443
>PTCH1-S107LSAVPVVI	83	>PTCH1-S107LIAVPVVI	3011	2928
>PTCH1-S107LSAVPVVIL	205	>PTCH1-S107LIAVPVVIL	7908	7703
>PTCH1-S107LSAVPVVILI	63	>PTCH1-S107LIAVPVVILI	1188	1125
>PTCH1-S107LSAVPVVI	21	>PTCH1-S107LIAVPVVI	4729	4708
>PTCH1-S107LSAVPVVIL	40	>PTCH1-S107LIAVPVVIL	2488	2448
>PTCH1-S107LSAVPVVILI	35	>PTCH1-S107LIAVPVVILI	2426	2391
>PTCH1-S107LSAVPVVI	158	>PTCH1-S107LIAVPVVI	4023	3865
>PTCH1-S107LSAVPVVIL	455	>PTCH1-S107LIAVPVVIL	4065	3610
>PTCH1-S107LSAVPVVILI	211	>PTCH1-S107LIAVPVVILI	4774	4563
>PTCH1-S107LSAVPVVI	15	>PTCH1-S107LIAVPVVI	689	674
>PTCH1-S107LSAVPVVIL	141	>PTCH1-S107LIAVPVVIL	10446	10305
>PTCH1-S107LSAVPVVILI	42	>PTCH1-S107LIAVPVVILI	1148	1106
>PTCH1-S107GMMGLIGIKI	4854	>PTCH1-S107GMMGLIGIKI	37	4817
>PTCH1-S107GMMGLIGIKI	628	>PTCH1-S107GMMGLIGIKI	23	605
>PTCH1-S107GMMGLIGIKI	455	>PTCH1-S107GMMGLIGIKI	7	448
>PTCH1-S107GMMGLIGIKI	6118	>PTCH1-S107GMMGLIGIKI	189	5929
>PTCH1-S107GMMGLIGIKI	957	>PTCH1-S107GMMGLIGIKI	8	949
>PTCH1-S107GMMGLIGIKI	8926	>PTCH1-S107GMMGLIGIKI	25	8901
>PTCH1-S107GMMGLIGIKI	7275	>PTCH1-S107GMMGLIGIKI	49	7226
>PTCH1-S107GMMGLIGIKI	12352	>PTCH1-S107GMMGLIGIKI	86	12266
>PTCH1-S107GMMGLIGIKI	3289	>PTCH1-S107GMMGLIGIKI	20	3269
>PTCH1-S107GMMGLIGIKI	23792	>PTCH1-S107GMMGLIGIKI	375	23417
>PTCH1-S107KLSAVPVV	13	>PTCH1-S107KLIAVPVV	9	4
>PTCH1-S107KLSAVPVVI	40	>PTCH1-S107KLIAVPVVI	22	18
>PTCH1-S107KLSAVPVVIL	543	>PTCH1-S107KLIAVPVVIL	270	273
>PTCH1-S107KLSAVPVVILI	20	>PTCH1-S107KLIAVPVVILI	16	4
>PTCH1-S107KLSAVPVV	7	>PTCH1-S107KLIAVPVV	15	8
>PTCH1-S107KLSAVPVVI	19	>PTCH1-S107KLIAVPVVI	72	53
>PTCH1-S107KLSAVPVVIL	26	>PTCH1-S107KLIAVPVVIL	40	14
>PTCH1-S107KLSAVPVVILI	7	>PTCH1-S107KLIAVPVVILI	19	12
>PTCH1-S107KLSAVPVV	4	>PTCH1-S107KLIAVPVV	4	0
>PTCH1-S107KLSAVPVVI	20	>PTCH1-S107KLIAVPVVI	20	0
>PTCH1-S107KLSAVPVVIL	101	>PTCH1-S107KLIAVPVVIL	95	6
>PTCH1-S107KLSAVPVVILI	10	>PTCH1-S107KLIAVPVVILI	10	0
>PTCH1-S107KLSAVPVV	32	>PTCH1-S107KLIAVPVV	11	21
>PTCH1-S107KLSAVPVVI	1006	>PTCH1-S107KLIAVPVVI	248	758

>PTCH1-S107KLSAVPVVILI	212	>PTCH1-S107KLIAVPVVILI	57	155
>PTCH1-S107KLSAVPVV	2	>PTCH1-S107KLIAVPVV	2	0
>PTCH1-S107KLSAVPVVI	7	>PTCH1-S107KLIAVPVVI	5	2
>PTCH1-S107KLSAVPVVIL	16	>PTCH1-S107KLIAVPVVIL	9	7
>PTCH1-S107KLSAVPVVILI	5	>PTCH1-S107KLIAVPVVILI	4	1
>PTCH1-S107KLSAVPVV	6	>PTCH1-S107KLIAVPVV	4	2
>PTCH1-S107KLSAVPVVI	29	>PTCH1-S107KLIAVPVVI	13	16
>PTCH1-S107KLSAVPVVIL	32	>PTCH1-S107KLIAVPVVIL	14	18
>PTCH1-S107KLSAVPVVILI	32	>PTCH1-S107KLIAVPVVILI	14	18
>PTCH1-S107KLSAVPVV	5	>PTCH1-S107KLIAVPVV	6	1
>PTCH1-S107KLSAVPVVI	21	>PTCH1-S107KLIAVPVVI	28	7
>PTCH1-S107KLSAVPVVIL	25	>PTCH1-S107KLIAVPVVIL	32	7
>PTCH1-S107KLSAVPVVILI	14	>PTCH1-S107KLIAVPVVILI	18	4
>PTCH1-S107KLSAVPVV	4	>PTCH1-S107KLIAVPVV	9	5
>PTCH1-S107KLSAVPVVI	254	>PTCH1-S107KLIAVPVVI	1165	911
>PTCH1-S107KLSAVPVVIL	139	>PTCH1-S107KLIAVPVVIL	1054	915
>PTCH1-S107KLSAVPVVILI	151	>PTCH1-S107KLIAVPVVILI	871	720
>PTCH1-S107KLSAVPVV	3	>PTCH1-S107KLIAVPVV	4	1
>PTCH1-S107KLSAVPVVI	98	>PTCH1-S107KLIAVPVVI	94	4
>PTCH1-S107KLSAVPVVIL	22	>PTCH1-S107KLIAVPVVIL	26	4
>PTCH1-S107KLSAVPVVILI	33	>PTCH1-S107KLIAVPVVILI	38	5
>PTCH1-S107KLSAVPVV	678	>PTCH1-S107KLIAVPVV	345	333
>PTCH1-S107KLSAVPVVI	8	>PTCH1-S107KLIAVPVVI	7	1
>PTCH1-S107KLSAVPVVIL	33	>PTCH1-S107KLIAVPVVIL	22	11
>PTCH1-S107KLSAVPVVILI	23	>PTCH1-S107KLIAVPVVILI	16	7
>PTCH1-S107KLSAVPVVI	564	>PTCH1-S107KLIAVPVVI	404	160
>PTCH1-S107KLSAVPVVIL	263	>PTCH1-S107KLIAVPVVIL	158	105
>PTCH1-S107KLSAVPVVI	209	>PTCH1-S107KLIAVPVVI	101	108
>PTCH1-S107KLSAVPVVILI	161	>PTCH1-S107KLIAVPVVILI	94	67
>PTCH1-S107IKLSAVPV	8	>PTCH1-S107IKLIAVPV	29	21
>PTCH1-S107IKLSAVPVV	12	>PTCH1-S107IKLIAVPVV	43	31
>PTCH1-S107IKLSAVPVVI	8	>PTCH1-S107IKLIAVPVVI	22	14
>PTCH1-S107IKLSAVPVVIL	5	>PTCH1-S107IKLIAVPVVIL	12	7
>PTCH1-S107IKLSAVPVVIL	240	>PTCH1-S107IKLIAVPVVIL	1150	910
>PTCH1-S107GIKLSAVPV	83	>PTCH1-S107GIKLIAVPV	81	2
>PTCH1-S107GIKLSAVPV	207	>PTCH1-S107GIKLIAVPV	270	63
>PTCH1-S107GIKLSAVPVV	87	>PTCH1-S107GIKLIAVPVV	111	24
>PTCH1-S107GIKLSAVPV	480	>PTCH1-S107GIKLIAVPV	1306	826
>PTCH1-S107IGIKLSAV	705	>PTCH1-S107IGIKLIAV	358	347
>PTCH1-S107LIGIKLSAVPV	516	>PTCH1-S107LIGIKLIAVPV	447	69
>PTCH1-S107LIGIKLSAV	28	>PTCH1-S107LIGIKLIAV	218	190
>PTCH1-S107LIGIKLSAVPV	108	>PTCH1-S107LIGIKLIAVPV	207	99
>PTCH1-S107LIGIKLSAV	223	>PTCH1-S107LIGIKLIAV	227	4

>PTCH1-S107LIGIKLSAVPV	228	>PTCH1-S107LIGIKLIAVPV	213	15
>PTCH1-S107LIGIKLSAV	42	>PTCH1-S107LIGIKLIAV	26	16
>PTCH1-S107LIGIKLSAVPV	62	>PTCH1-S107LIGIKLIAVPV	43	19
>PTCH1-S107LIGIKLSAV	289	>PTCH1-S107LIGIKLIAV	214	75
>PTCH1-S107LIGIKLSAVPV	251	>PTCH1-S107LIGIKLIAVPV	239	12
>PTCH1-S107LIGIKLSAV	731	>PTCH1-S107LIGIKLIAV	232	499
>PTCH1-S107LIGIKLSAVPV	254	>PTCH1-S107LIGIKLIAVPV	138	116
>PTCH1-S107LIGIKLSAV	9	>PTCH1-S107LIGIKLIAV	11	2
>PTCH1-S107LIGIKLSAVPV	11	>PTCH1-S107LIGIKLIAVPV	11	0
>PTCH1-S107LIGIKLSAV	348	>PTCH1-S107LIGIKLIAV	1489	1141
>PTCH1-S107GLIGIKLS	11797	>PTCH1-S107GLIGIKLI	225	11572
>PTCH1-S107GLIGIKLSA	373	>PTCH1-S107GLIGIKLIA	1355	982
>PTCH1-S107GLIGIKLSAV	49	>PTCH1-S107GLIGIKLIAV	28	21
>PTCH1-S107GLIGIKLS	1394	>PTCH1-S107GLIGIKLI	59	1335
>PTCH1-S107GLIGIKLSA	108	>PTCH1-S107GLIGIKLIA	427	319
>PTCH1-S107GLIGIKLSAV	33	>PTCH1-S107GLIGIKLIAV	38	5
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>PTCH1-S107GLIGIKLSA	107	>PTCH1-S107GLIGIKLIA	352	245
>PTCH1-S107GLIGIKLSAV	11	>PTCH1-S107GLIGIKLIAV	20	9
>PTCH1-S107GLIGIKLSA	62	>PTCH1-S107GLIGIKLIAV	48	14
>PTCH1-S107GLIGIKLS	4717	>PTCH1-S107GLIGIKLI	33	4684
>PTCH1-S107GLIGIKLSA	135	>PTCH1-S107GLIGIKLIA	985	850
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>PTCH1-S107GLIGIKLS	14778	>PTCH1-S107GLIGIKLI	120	14658
>PTCH1-S107GLIGIKLSAV	6	>PTCH1-S107GLIGIKLIAV	6	0
>PTCH1-S107GLIGIKLS	11388	>PTCH1-S107GLIGIKLI	134	11254
>PTCH1-S107GLIGIKLSA	183	>PTCH1-S107GLIGIKLIA	412	229
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>PTCH1-S107GLIGIKLSAV	102	>PTCH1-S107GLIGIKLIAV	114	12
>PTCH1-S107GLIGIKLS	2279	>PTCH1-S107GLIGIKLI	21	2258
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>PTCH1-S107GLIGIKLSAV	2	>PTCH1-S107GLIGIKLIAV	2	0
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>PTCH1-S107MMGLIGIKLS	3375	>PTCH1-S107MMGLIGIKLI	75	3300
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>PTCH1-S107MMGLIGIKLS	17037	>PTCH1-S107MMGLIGIKLI	284	16753
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>PTCH1-S107MMGLIGIKLS	312	>PTCH1-S107MMGLIGIKLI	625	313

>PTCH1-S107MMGLIGIKLS	18001	>PTCH1-S107MMGLIGIKLI	349	17652
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>PTCH1-S107MMGLIGIKLS	35	>PTCH1-S107MMGLIGIKLI	138	103
>PTCH1-S119SPEPPPSVVR	327	>PTCH1-S119FPEPPPSVVR	378	51
>PTCH1-S119SPEPPPSV	251	>PTCH1-S119FPEPPPSV	254	3
>PTCH1-S119SPEPPPSVV	101	>PTCH1-S119FPEPPPSVV	104	3
>PTCH1-S119SPEPPPSVVR	460	>PTCH1-S119FPEPPPSVVR	417	43
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>PTCH1-S119SPEPPPSVV	2254	>PTCH1-S119FPEPPPSVV	304	1950
>PTCH1-S119SPEPPPSV	2436	>PTCH1-S119FPEPPPSV	189	2247
>PTCH1-S119SPEPPPSVV	1885	>PTCH1-S119FPEPPPSVV	181	1704
>PTCH1-S119SPEPPPSVVR	1321	>PTCH1-S119FPEPPPSVVR	59	1262
>PTCH1-S119SPEPPPSV	5283	>PTCH1-S119FPEPPPSV	24	5259
>PTCH1-S119SPEPPPSVV	7402	>PTCH1-S119FPEPPPSVV	29	7373
>PTCH1-S119SPEPPPSVVR	388	>PTCH1-S119FPEPPPSVVR	30	358
>PTCH1-S119PSPEPPPSV	256	>PTCH1-S119PFPEPPPSV	15191	14935
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>PTCH1-S119PSPEPPPSVVR	7215	>PTCH1-S119PFPEPPPSVVR	368	6847
>PTCH1-S119TPSPEPPPSV	4176	>PTCH1-S119TPFPEPPPSV	73	4103
>PTCH1-S119TPSPEPPPSV	455	>PTCH1-S119TPFPEPPPSV	89	366
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>PTCH1-S119TPSPEPPPSV	1141	>PTCH1-S119TPFPEPPPSV	375	766
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>PTCH1-S119LPTPSPEPPPS	178	>PTCH1-S119LPTPFPEPPPS	158	20
>PTCH1-S119LPTPSPEP	921	>PTCH1-S119LPTPFPEP	261	660
>PTCH1-S119LPTPSPEPPPS	255	>PTCH1-S119LPTPFPEPPPS	192	63
>PTCH1-S119LNRLPTPS	17561	>PTCH1-S119LNRLLPTPF	389	17172
>PTCH1-S119LNRLPTPS	17048	>PTCH1-S119LNRLLPTPF	39	17009
>PTCH1-S119GLNRLPTPS	444	>PTCH1-S119GLNRLLPTPF	1023	579
>PTCH1-S119GLNRLPTPS	11584	>PTCH1-S119GLNRLLPTPF	74	11510
>PTCH1-S119GLNRLPTPS	14430	>PTCH1-S119GLNRLLPTPF	86	14344
>PTCH1-S119GLNRLPTPS	16203	>PTCH1-S119GLNRLLPTPF	73	16130
>PTCH1-S129SLPPGRQGGQ	27	>PTCH1-S129FLPPGRQGGQ	5	22
>PTCH1-S129SLPPGRQGGQ	108	>PTCH1-S129FLPPGRQGGQ	12	96
>PTCH1-S129SLPPGRQGGQ	2224	>PTCH1-S129FLPPGRQGGQ	183	2041
>PTCH1-S129PRQQPHLDS	12610	>PTCH1-S129PRQQPHLDS	275	12335
>PTCH1-S129SGSLPPGR	1548	>PTCH1-S129SGFLPPGR	268	1280
>PTCH1-S129DSGSLPPGR	231	>PTCH1-S129DSGFLPPGR	167	64
>PTCH1-S129HLDSGSLPPG	399	>PTCH1-S129HLDSGFLPPG	205	194
>PTCH1-S129QPHLDSGSL	43	>PTCH1-S129QPHLDSGFL	519	476
>PTCH1-S129QPHLDSGS	4668	>PTCH1-S129QPHLDSGF	65	4603

>PTCH1-S129QQPHLDSGS	15791	>PTCH1-S129QQPHLDSGF	143	15648
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>PTCH1-S129QQPHLDSGS	15626	>PTCH1-S129QQPHLDSGF	50	15576
>PTCH1-S129RQQPHLDSG	88	>PTCH1-S129RQQPHLDSG	43	45
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>PTCH1-S129RQQPHLDSG	2587	>PTCH1-S129RQQPHLDSG	30	2557
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>PTCH1-S129RQQPHLDSG	4957	>PTCH1-S129RQQPHLDSG	9	4948
>PTCH1-S129RQQPHLDSG	172	>PTCH1-S129RQQPHLDSG	413	241
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>PTCH1-S129RQQPHLDSG	307	>PTCH1-S129RQQPHLDSG	1153	846
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>PTCH1-S129RQQPHLDSG	91	>PTCH1-S129RQQPHLDSG	37	54
>PTCH1-S331SRKYMHWQI	685	>PTCH1-S331FRKYMHWQI	199	486
>PTCH1-S331SRKYMHWQI	938	>PTCH1-S331FRKYMHWQI	261	677
>PTCH1-S331SRKYMHWQI	118	>PTCH1-S331FRKYMHWQI	131	13
>PTCH1-S331SRKYMHWQI	190	>PTCH1-S331FRKYMHWQI	545	355
>PTCH1-S331LSRKYMHW	11112	>PTCH1-S331LFRKYMHW	345	10767
>PTCH1-S331LSRKYMHW	14062	>PTCH1-S331LFRKYMHW	139	13923
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>PTCH1-S331LSRKYMHW	5	>PTCH1-S331LFRKYMHW	5428	5423
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>PTCH1-S331LSRKYMHWC	385	>PTCH1-S331LFRKYMHWC	7614	7229
>PTCH1-S331LSRKYMHW	161	>PTCH1-S331LFRKYMHW	2794	2633
>PTCH1-S331LVLNGGCHGI	9619	>PTCH1-S331LVLNGGCHGI	280	9339
>PTCH1-S331LVLNGGCHGI	15404	>PTCH1-S331LVLNGGCHGI	325	15079
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>PTCH1-S331LVLNGGCHGI	3454	>PTCH1-S331LVLNGGCHGI	25	3429
>PTCH1-S331GLSRKYMHW	71	>PTCH1-S331GLFRKYMHW	31	40
>PTCH1-S331GLSRKYMHW	1866	>PTCH1-S331GLFRKYMHW	334	1532
>PTCH1-S331GLSRKYMHW	180	>PTCH1-S331GLFRKYMHW	127	53
>PTCH1-S331HGLSRKYMHW	131	>PTCH1-S331HGLFRKYMHW	195	64
>PTCH1-S331HGLSRKYMHW	113	>PTCH1-S331HGLFRKYMHW	195	82
>PTCH1-S331CHGLSRKYMI	136	>PTCH1-S331CHGLFRKYMI	128	8
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>PTCH1-S331GGCHGLSRK	3515	>PTCH1-S331GGCHGLFRK	495	3020
>PTCH1-S331NGGCHGLSR	561	>PTCH1-S331NGGCHGLFR	131	430
>PTCH1-S331LNGGCHGLSF	1558	>PTCH1-S331LNGGCHGLFF	401	1157
>PTCH1-S331LNGGCHGLSF	2370	>PTCH1-S331LNGGCHGLFF	302	2068
>PTCH1-S331LNGGCHGLS	15063	>PTCH1-S331LNGGCHGLF	209	14854
>PTCH1-S331LNGGCHGLSF	570	>PTCH1-S331LNGGCHGLFF	156	414
>PTCH1-S331VLNGGCHGLI	292	>PTCH1-S331VLNGGCHGLI	128	164



>PTCH1-S331VLNGGCHGLI	492	>PTCH1-S331VLNGGCHGLI	77	415
>PTCH1-S331VLNGGCHGLI	1456	>PTCH1-S331VLNGGCHGLI	354	1102
>PTCH1-S331VLNGGCHGLI	18773	>PTCH1-S331VLNGGCHGLI	313	18460
>PTCH1-S331VLNGGCHGLI	21011	>PTCH1-S331VLNGGCHGLI	369	20642
>PTCH1-S41C(SVAQNSTQK'	176	>PTCH1-S41C(NVAQNSTQK	458	282
>PTCH1-S41C(SVAQNSTQK'	117	>PTCH1-S41C(NVAQNSTQK	1036	919
>PTCH1-S41C(SVAQNSTQK'	37	>PTCH1-S41C(NVAQNSTQK	981	944
>PTCH1-S41C(SVAQNSTQK'	408	>PTCH1-S41C(NVAQNSTQK	295	113
>PTCH1-S41C(SVAQNSTQK'	5	>PTCH1-S41C(NVAQNSTQK	43	38
>PTCH1-S41C(SVAQNSTQK	147	>PTCH1-S41C(NVAQNSTQK	941	794
>PTCH1-S41C(SVAQNSTQK	30	>PTCH1-S41C(NVAQNSTQK	546	516
>PTCH1-S41C(SVAQNSTQK	27	>PTCH1-S41C(NVAQNSTQK	16	11
>PTCH1-S41C(SVAQNSTQK'	180	>PTCH1-S41C(NVAQNSTQK	149	31
>PTCH1-S41C(SVAQNSTQK'	33	>PTCH1-S41C(NVAQNSTQK	17	16
>PTCH1-S41C(SVAQNSTQK	381	>PTCH1-S41C(NVAQNSTQK	4231	3850
>PTCH1-S41C(QSVAQNSTQ	466	>PTCH1-S41C(QNVAQNSTC	12273	11807
>PTCH1-S41C(QSVAQNSTQ	137	>PTCH1-S41C(QNVAQNSTC	12784	12647
>PTCH1-S41C(QSVAQNSTQ	181	>PTCH1-S41C(QNVAQNSTC	7687	7506
>PTCH1-S41C(QSVAQNSTQ	165	>PTCH1-S41C(QNVAQNSTC	2207	2042
>PTCH1-S41C(QSVAQNSTQ	259	>PTCH1-S41C(QNVAQNSTC	23941	23682
>PTCH1-S41C(HQSVAQNST	451	>PTCH1-S41C(HQNVAQNST	343	108
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>PTCH1-S41C(EVVHQSVQA	387	>PTCH1-S41C(EVVHQNVAC	207	180
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>PTCH1-S41C(EVVHQSVQA	422	>PTCH1-S41C(EVVHQNVAC	461	39
>PTCH1-S41C(VEVVHQSV	305	>PTCH1-S41C(VEVVHQNV	775	470
>PTCH1-S41C(VEVVHQSV	344	>PTCH1-S41C(VEVVHQNV	753	409
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>PTCH1-S41C(YVEVVHQSV	61	>PTCH1-S41C(YVEVVHQNV	130	69
>PTCH1-S41C(YVEVVHQSV	7	>PTCH1-S41C(YVEVVHQNV	11	4
>PTCH1-S41C(YVEVVHQSV	349	>PTCH1-S41C(YVEVVHQNV	376	27
>PTCH1-S41C(YVEVVHQSV	368	>PTCH1-S41C(YVEVVHQNV	353	15
>PTCH1-S41C(TYVEVVHQSV	56	>PTCH1-S41C(TYVEVVHQNV	190	134
>PTCH1-S41C(TYVEVVHQSV	225	>PTCH1-S41C(TYVEVVHQNV	408	183
>PTCH1-S41C(TYVEVVHQSV	295	>PTCH1-S41C(TYVEVVHQNV	590	295
>PTCH1-S41C(TYVEVVHQSV	183	>PTCH1-S41C(TYVEVVHQNV	229	46
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>PTCH1-S41C(RTYVEVVHQSV	92	>PTCH1-S41C(RTYVEVVHQNV	288	196
>PTCH1-S41C(RTYVEVVHQSV	16	>PTCH1-S41C(RTYVEVVHQNV	27	11

>PTCH1-S41C RTYVEVVHQ	96	>PTCH1-S41C RTYVEVVHQ	96	0
>PTCH1-S41C RTYVEVVHQ	124	>PTCH1-S41C RTYVEVVHQ	245	121
>PTCH1-S41C RTYVEVVHQ	61	>PTCH1-S41C RTYVEVVHQ	88	27
>PTCH1-S41C RTYVEVVHQ	68	>PTCH1-S41C RTYVEVVHQ	169	101
>PTCH1-S41C RTYVEVVHQ	317	>PTCH1-S41C RTYVEVVHQ	277	40
>PTCH1-S41C RTYVEVVHQ	144	>PTCH1-S41C RTYVEVVHQ	274	130
>PTCH1-S41C RTYVEVVHQ	117	>PTCH1-S41C RTYVEVVHQ	212	95
>PTCH1-S41C RTYVEVVHQ	14	>PTCH1-S41C RTYVEVVHQ	15	1
>PTCH1-S41C RTYVEVVHQ	455	>PTCH1-S41C RTYVEVVHQ	1228	773
>PTCH1-S41C RTYVEVVHQ	128	>PTCH1-S41C RTYVEVVHQ	339	211
>PTCH1-S49 SFNAATTQV	27	>PTCH1-S49 FFNAATTQV	92	65
>PTCH1-S49 SFNAATTQVL	26	>PTCH1-S49 FFNAATTQVL	94	68
>PTCH1-S49 SFNAATTQV	195	>PTCH1-S49 FFNAATTQV	11	184
>PTCH1-S49 SFNAATTQV	1630	>PTCH1-S49 FFNAATTQV	152	1478
>PTCH1-S49 SFNAATTQV	2265	>PTCH1-S49 FFNAATTQV	392	1873
>PTCH1-S49 SFNAATTQV	615	>PTCH1-S49 FFNAATTQV	230	385
>PTCH1-S49 SFNAATTQV	244	>PTCH1-S49 FFNAATTQV	20	224
>PTCH1-S49 SFNAATTQVL	281	>PTCH1-S49 FFNAATTQVL	54	227
>PTCH1-S49 SFNAATTQVL	3132	>PTCH1-S49 FFNAATTQVL	487	2645
>PTCH1-S49 ISFNAATTQV	138	>PTCH1-S49 IFFNAATTQV	1043	905
>PTCH1-S49 ISFNAATTQV	214	>PTCH1-S49 IFFNAATTQV	2028	1814
>PTCH1-S49 ISFNAATTQV	495	>PTCH1-S49 IFFNAATTQV	1075	580
>PTCH1-S49 ISFNAATTQV	586	>PTCH1-S49 IFFNAATTQV	351	235
>PTCH1-S49 ISFNAATTQV	1991	>PTCH1-S49 IFFNAATTQV	448	1543
>PTCH1-S49 ISFNAATTQV	1229	>PTCH1-S49 IFFNAATTQV	105	1124
>PTCH1-S49 ISFNAATTQV	7915	>PTCH1-S49 IFFNAATTQV	164	7751
>PTCH1-S49 ISFNAATTQV	15135	>PTCH1-S49 IFFNAATTQV	86	15049
>PTCH1-S49 ISFNAATTQV	82	>PTCH1-S49 IFFNAATTQV	1148	1066
>PTCH1-S49 ISFNAATTQV	200	>PTCH1-S49 IFFNAATTQV	6188	5988
>PTCH1-S49 ISFNAATTQV	292	>PTCH1-S49 IFFNAATTQV	2771	2479
>PTCH1-S49 ISFNAATTQV	71	>PTCH1-S49 IFFNAATTQV	2009	1938
>PTCH1-S49 ISFNAATTQV	13	>PTCH1-S49 IFFNAATTQV	381	368
>PTCH1-S49 ISFNAATT	96	>PTCH1-S49 IFFNAATT	25343	25247
>PTCH1-S49 ISFNAATTQ	156	>PTCH1-S49 IFFNAATTQ	25832	25676
>PTCH1-S49 ISFNAATTQV	29	>PTCH1-S49 IFFNAATTQV	23089	23060
>PTCH1-S49 ISFNAATTQV	6	>PTCH1-S49 IFFNAATTQV	18537	18531
>PTCH1-S49 ISFNAATTQV	315	>PTCH1-S49 IFFNAATTQV	23443	23128
>PTCH1-S49 ISFNAATTQV	230	>PTCH1-S49 IFFNAATTQV	13597	13367
>PTCH1-S49 ISFNAATTQV	424	>PTCH1-S49 IFFNAATTQV	15205	14781
>PTCH1-S49 ISFNAATTQ	30	>PTCH1-S49 IFFNAATTQ	1344	1314
>PTCH1-S49 ISFNAATTQV	16	>PTCH1-S49 IFFNAATTQV	401	385
>PTCH1-S49 ISFNAATTQV	60	>PTCH1-S49 IFFNAATTQV	9644	9584
>PTCH1-S49 GISFNAATTQ	1592	>PTCH1-S49 GIFFNAATTQ	143	1449

>PTCH1-S49¿GISFNAATTQ	51	>PTCH1-S49¿GIFFNAATTQ	25	26
>PTCH1-S49¿GISFNAATTQ	12	>PTCH1-S49¿GIFFNAATTQ	10	2
>PTCH1-S49¿GISFNAATTQ	574	>PTCH1-S49¿GIFFNAATTQ	97	477
>PTCH1-S49¿GISFNAATTQ	160	>PTCH1-S49¿GIFFNAATTQ	11	149
>PTCH1-S49¿GISFNAATTQ	286	>PTCH1-S49¿GIFFNAATTQ	69	217
>PTCH1-S49¿GISFNAATTQ	143	>PTCH1-S49¿GIFFNAATTQ	20	123
>PTCH1-S49¿GISFNAATTQ	91	>PTCH1-S49¿GIFFNAATTQ	108	17
>PTCH1-S49¿GISFNAATTQ	10	>PTCH1-S49¿GIFFNAATTQ	7	3
>PTCH1-S49¿GISFNAATTQ	1705	>PTCH1-S49¿GIFFNAATTQ	306	1399
>PTCH1-S49¿IGISFNAA	375	>PTCH1-S49¿IGIFFNAA	745	370
>PTCH1-S49¿SLIGISFNA	14	>PTCH1-S49¿SLIGIFFNA	13	1
>PTCH1-S49¿SLIGISFNAA	215	>PTCH1-S49¿SLIGIFFNAA	148	67
>PTCH1-S49¿SLIGISFNAAT	110	>PTCH1-S49¿SLIGIFFNAAT	107	3
>PTCH1-S49¿SLIGISFN	323	>PTCH1-S49¿SLIGIFFN	144	179
>PTCH1-S49¿SLIGISFNA	4	>PTCH1-S49¿SLIGIFFNA	4	0
>PTCH1-S49¿SLIGISFNAA	50	>PTCH1-S49¿SLIGIFFNAA	48	2
>PTCH1-S49¿SLIGISFNAAT	19	>PTCH1-S49¿SLIGIFFNAAT	20	1
>PTCH1-S49¿SLIGISFNA	10	>PTCH1-S49¿SLIGIFFNA	10	0
>PTCH1-S49¿SLIGISFNAA	23	>PTCH1-S49¿SLIGIFFNAA	27	4
>PTCH1-S49¿SLIGISFNAAT	61	>PTCH1-S49¿SLIGIFFNAAT	60	1
>PTCH1-S49¿SLIGISFNA	36	>PTCH1-S49¿SLIGIFFNA	9	27
>PTCH1-S49¿SLIGISFNAA	56	>PTCH1-S49¿SLIGIFFNAA	36	20
>PTCH1-S49¿SLIGISFNAAT	491	>PTCH1-S49¿SLIGIFFNAAT	215	276
>PTCH1-S49¿SLIGISFN	1036	>PTCH1-S49¿SLIGIFFN	349	687
>PTCH1-S49¿SLIGISFNA	9	>PTCH1-S49¿SLIGIFFNA	9	0
>PTCH1-S49¿SLIGISFNAA	26	>PTCH1-S49¿SLIGIFFNAA	16	10
>PTCH1-S49¿SLIGISFNAAT	47	>PTCH1-S49¿SLIGIFFNAAT	52	5
>PTCH1-S49¿SLIGISFNA	17	>PTCH1-S49¿SLIGIFFNA	27	10
>PTCH1-S49¿SLIGISFNAA	36	>PTCH1-S49¿SLIGIFFNAA	47	11
>PTCH1-S49¿SLIGISFNAAT	347	>PTCH1-S49¿SLIGIFFNAAT	510	163
>PTCH1-S49¿SLIGISFNA	10	>PTCH1-S49¿SLIGIFFNA	10	0
>PTCH1-S49¿SLIGISFNAA	63	>PTCH1-S49¿SLIGIFFNAA	63	0
>PTCH1-S49¿SLIGISFNA	79	>PTCH1-S49¿SLIGIFFNA	208	129
>PTCH1-S49¿SLIGISFNA	4	>PTCH1-S49¿SLIGIFFNA	3	1
>PTCH1-S49¿SLIGISFNAA	10	>PTCH1-S49¿SLIGIFFNAA	8	2
>PTCH1-S49¿SLIGISFNAAT	29	>PTCH1-S49¿SLIGIFFNAAT	34	5
>PTCH1-S49¿SLIGISFNA	86	>PTCH1-S49¿SLIGIFFNA	54	32
>PTCH1-S49¿SLIGISFNA	482	>PTCH1-S49¿SLIGIFFNA	295	187
>PTCH1-S49¿CSLIGISF	618	>PTCH1-S49¿CSLIGIFF	331	287
>PTCH1-S49¿CSLIGISF	69	>PTCH1-S49¿CSLIGIFF	332	263
>PTCH1-S49¿CSLIGISF	7	>PTCH1-S49¿CSLIGIFF	8	1
>PTCH1-S49¿CSLIGISF	380	>PTCH1-S49¿CSLIGIFF	237	143
>PTCH1-S49¿LCSLIGISF	449	>PTCH1-S49¿LCSLIGIFF	1671	1222

>PTCH1-S49¿LCSLIGISF	237	>PTCH1-S49¿LCSLIGIFF	186	51
>PTCH1-S49¿GLCSLIGIS	16549	>PTCH1-S49¿GLCSLIGIF	300	16249
>PTCH1-S49¿GLCSLIGISF	125	>PTCH1-S49¿GLCSLIGIFF	428	303
>PTCH1-S49¿GLCSLIGIS	14059	>PTCH1-S49¿GLCSLIGIF	189	13870
>PTCH1-S49¿GLCSLIGISF	559	>PTCH1-S49¿GLCSLIGIFF	388	171
>PTCH1-S49¿LGLCSLIGIS	21021	>PTCH1-S49¿LGLCSLIGIF	348	20673
>PTCH1-S49¿LGLCSLIGISF	54	>PTCH1-S49¿LGLCSLIGIFF	189	135
>PTCH1-S49¿LGLCSLIGISF	331	>PTCH1-S49¿LGLCSLIGIFF	683	352
>PTCH1-S49¿LGLCSLIGISF	326	>PTCH1-S49¿LGLCSLIGIFF	1221	895
>PTCH1-S49¿LGLCSLIGISF	541	>PTCH1-S49¿LGLCSLIGIFF	439	102
>PTCH1-S61€SPCVSRVIQV	77	>PTCH1-S61€NPCVSRVIQV	730	653
>PTCH1-S61€SPCVSRVIQV	416	>PTCH1-S61€NPCVSRVIQV	2876	2460
>PTCH1-S61€SPCVSRVI	410	>PTCH1-S61€NPCVSRVI	3179	2769
>PTCH1-S61€TSPCVSRV	13	>PTCH1-S61€TNPCVSRV	90	77
>PTCH1-S61€TSPCVSRVI	203	>PTCH1-S61€TNPCVSRVI	3293	3090
>PTCH1-S61€TSPCVSRVIQ'	32	>PTCH1-S61€TNPCVSRVIQ	301	269
>PTCH1-S61€TSPCVSRVI	16	>PTCH1-S61€TNPCVSRVI	4520	4504
>PTCH1-S61€TSPCVSRVIQ'	25	>PTCH1-S61€TNPCVSRVIQ	6047	6022
>PTCH1-S61€TSPCVSRVI	113	>PTCH1-S61€TNPCVSRVI	1402	1289
>PTCH1-S61€RRLDIFCCFTS	297	>PTCH1-S61€RRLDIFCCFTM	512	215
>PTCH1-S61€RRLDIFCCFTS	205	>PTCH1-S61€RRLDIFCCFTM	133	72
>PTCH1-S61€RRLDIFCCFTS	393	>PTCH1-S61€RRLDIFCCFTM	276	117
>PTCH1-S61€FTSPCVSRV	31	>PTCH1-S61€FTNPCVSRV	39	8
>PTCH1-S61€FTSPCVSRV	5	>PTCH1-S61€FTNPCVSRV	8	3
>PTCH1-S61€FTSPCVSRVI	267	>PTCH1-S61€FTNPCVSRVI	955	688
>PTCH1-S61€FTSPCVSRV	4	>PTCH1-S61€FTNPCVSRV	3	1
>PTCH1-S61€FTSPCVSRVI	251	>PTCH1-S61€FTNPCVSRVI	507	256
>PTCH1-S61€FTSPCVSRV	16	>PTCH1-S61€FTNPCVSRV	18	2
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>PTCH1-S61€FTSPCVSRV	23	>PTCH1-S61€FTNPCVSRV	13	10
>PTCH1-S61€FTSPCVSRVI	724	>PTCH1-S61€FTNPCVSRVI	310	414
>PTCH1-S61€FTSPCVSRV	211	>PTCH1-S61€FTNPCVSRV	161	50
>PTCH1-S61€FTSPCVSRV	94	>PTCH1-S61€FTNPCVSRV	74	20
>PTCH1-S61€FTSPCVSRV	103	>PTCH1-S61€FTNPCVSRV	91	12
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>PTCH1-S61€FTSPCVSRV	5	>PTCH1-S61€FTNPCVSRV	6	1
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>PTCH1-S61€FTSPCVSRV	29	>PTCH1-S61€FTNPCVSRV	41	12
>PTCH1-S61€FTSPCVSRVI	78	>PTCH1-S61€FTNPCVSRVI	107	29

>PTCH1-S61€FTSPCVSRV	267	>PTCH1-S61€FTNPCVSRV	640	373
>PTCH1-S61€FTSPCVSRVI	157	>PTCH1-S61€FTNPCVSRVI	363	206
>PTCH1-S61€FTSPCVSRV	8	>PTCH1-S61€FTNPCVSRV	15	7
>PTCH1-S61€FTSPCVSRVI	239	>PTCH1-S61€FTNPCVSRVI	2080	1841
>PTCH1-S61€FTSPCVSRVIC	467	>PTCH1-S61€FTNPCVSRVIC	872	405
>PTCH1-S61€FTSPCVSRV	451	>PTCH1-S61€FTNPCVSRV	825	374
>PTCH1-S61€FTSPCVSRVI	68	>PTCH1-S61€FTNPCVSRVI	77	9
>PTCH1-S61€CFTSPCVSRV	178	>PTCH1-S61€CFTNPCVSRV	205	27
>PTCH1-S61€CFTSPCVSR	139	>PTCH1-S61€CFTNPCVSR	189	50
>PTCH1-S61€CFTSPCVSR	97	>PTCH1-S61€CFTNPCVSR	98	1
>PTCH1-S61€CFTSPCVSR	284	>PTCH1-S61€CFTNPCVSR	390	106
>PTCH1-S61€CFTSPCVSR	137	>PTCH1-S61€CFTNPCVSR	211	74
>PTCH1-S61€CCFTSPCVSR	49	>PTCH1-S61€CCFTNPCVSR	42	7
>PTCH1-S61€DIFCCFTSPCV	225	>PTCH1-S61€DIFCCFTNPCV	359	134
>PTCH1-S61€DIFCCFTSPCV	446	>PTCH1-S61€DIFCCFTNPCV	726	280
>PTCH1-S61€DIFCCFTSPCV	58	>PTCH1-S61€DIFCCFTNPCV	57	1
>PTCH1-S61€DIFCCFTSPCV	35	>PTCH1-S61€DIFCCFTNPCV	41	6
>PTCH1-S707STRDLLSQF	227	>PTCH1-S707FTRDLLSQF	83	144
>PTCH1-S707STRDLLSQF	210	>PTCH1-S707FTRDLLSQF	31	179
>PTCH1-S707STRDLLSQF	12	>PTCH1-S707FTRDLLSQF	22	10
>PTCH1-S707STRDLLSQ	70	>PTCH1-S707FTRDLLSQ	2879	2809
>PTCH1-S707STRDLLSQFS	21	>PTCH1-S707FTRDLLSQFS	1043	1022
>PTCH1-S707STRDLLSQFSI	452	>PTCH1-S707FTRDLLSQFSI	4583	4131
>PTCH1-S707STRDLLSQF	105	>PTCH1-S707FTRDLLSQF	70	35
>PTCH1-S707STRDLLSQF	352	>PTCH1-S707FTRDLLSQF	51	301
>PTCH1-S707STRDLLSQF	3	>PTCH1-S707FTRDLLSQF	3	0
>PTCH1-S707STRDLLSQF	1022	>PTCH1-S707FTRDLLSQF	65	957
>PTCH1-S707STRDLLSQF	2	>PTCH1-S707FTRDLLSQF	2	0
>PTCH1-S707SSTRDLLSQF	4949	>PTCH1-S707SFTRDLLSQF	13	4936
>PTCH1-S707SSTRDLLSQF	38	>PTCH1-S707SFTRDLLSQF	1114	1076
>PTCH1-S707SSTRDLLSQF	282	>PTCH1-S707SFTRDLLSQF	3521	3239
>PTCH1-S707SSTRDLLSQF	20	>PTCH1-S707SFTRDLLSQF	20629	20609
>PTCH1-S707SSTRDLLSQF	127	>PTCH1-S707SFTRDLLSQF	11912	11785
>PTCH1-S707SSTRDLLSQF	33	>PTCH1-S707SFTRDLLSQF	1434	1401
>PTCH1-S707SSTRDLLSQF	13165	>PTCH1-S707SFTRDLLSQF	321	12844
>PTCH1-S707LSCQSPESTS€	6362	>PTCH1-S707LSCQSPESTS€	37	6325
>PTCH1-S707LSCQSPESTS€	7460	>PTCH1-S707LSCQSPESTS€	18	7442
>PTCH1-S707LSCQSPESTS€	3400	>PTCH1-S707LSCQSPESTS€	4	3396
>PTCH1-S707LSCQSPESTS€	18280	>PTCH1-S707LSCQSPESTS€	68	18212
>PTCH1-S707LSCQSPESTS€	7370	>PTCH1-S707LSCQSPESTS€	62	7308
>PTCH1-S707TSSTRDLLSQF	3946	>PTCH1-S707TSFTRDLLSQF	141	3805
>PTCH1-S707TSSTRDLL	881	>PTCH1-S707TSFTRDLL	167	714
>PTCH1-S707TSSTRDLLSQF	1403	>PTCH1-S707TSFTRDLLSQF	448	955

>PTCH1-S707TSSTRDLLSQI	560	>PTCH1-S707TSFTRDLLSQI	67	493
>PTCH1-S707TSSTRDLL	1374	>PTCH1-S707TSFTRDLL	264	1110
>PTCH1-S707TSSTRDLLSQI	8	>PTCH1-S707TSFTRDLLSQI	4	4
>PTCH1-S707TSSTRDLLSQI	1445	>PTCH1-S707TSFTRDLLSQI	309	1136
>PTCH1-S707TSSTRDLLSQI	173	>PTCH1-S707TSFTRDLLSQI	148	25
>PTCH1-S707TSSTRDLLSQI	30	>PTCH1-S707TSFTRDLLSQI	12	18
>PTCH1-S707TSSTRDLL	2413	>PTCH1-S707TSFTRDLL	432	1981
>PTCH1-S707STSSTRDLL	97	>PTCH1-S707STSSTRDLL	45	52
>PTCH1-S707STSSTRDL	488	>PTCH1-S707STSSTRDL	490	2
>PTCH1-S707STSSTRDLL	35	>PTCH1-S707STSSTRDLL	141	106
>PTCH1-S707STSSTRDLL	13	>PTCH1-S707STSSTRDLL	19	6
>PTCH1-S707STSSTRDLLSC	459	>PTCH1-S707STSSTRDLLSC	778	319
>PTCH1-S707STSSTRDLL	329	>PTCH1-S707STSSTRDLL	346	17
>PTCH1-S707ESTSSTRDLL	136	>PTCH1-S707ESTSSTRDLL	52	84
>PTCH1-S707ESTSSTRDLL	331	>PTCH1-S707ESTSSTRDLL	246	85
>PTCH1-S707PESTSSTRDLL	388	>PTCH1-S707PESTSSTRDLL	246	142
>PTCH1-S707PESTSSTRDL	641	>PTCH1-S707PESTSSTRDL	441	200
>PTCH1-S707SPESTSSTRDL	90	>PTCH1-S707SPESTSSTRDL	139	49
>PTCH1-S707SPESTSSTRDL	40	>PTCH1-S707SPESTSSTRDL	62	22
>PTCH1-S707QSPESTSSTR	830	>PTCH1-S707QSPESTSSTR	196	634
>PTCH1-S707QSPESTSSTR	1299	>PTCH1-S707QSPESTSSTR	324	975
>PTCH1-S707QSPESTSS	22039	>PTCH1-S707QSPESTSS	359	21680
>PTCH1-S707QSPESTSSTR	33	>PTCH1-S707QSPESTSSTR	25	8
>PTCH1-S707QSPESTSS	15976	>PTCH1-S707QSPESTSS	72	15904
>PTCH1-S707QSPESTSS	15234	>PTCH1-S707QSPESTSS	40	15194
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>PTCH1-S707QSPESTSST	2308	>PTCH1-S707QSPESTSST	282	2026
>PTCH1-S707CQSPESTSSTI	1212	>PTCH1-S707CQSPESTSSTI	273	939
>PTCH1-S707CQSPESTSS	6965	>PTCH1-S707CQSPESTSS	44	6921
>PTCH1-S707CQSPESTSS	2085	>PTCH1-S707CQSPESTSS	4	2081
>PTCH1-S707CQSPESTSSTI	274	>PTCH1-S707CQSPESTSSTI	784	510
>PTCH1-S707CQSPESTSSTI	1028	>PTCH1-S707CQSPESTSSTI	287	741
>PTCH1-S707SCQSPESTSS	18368	>PTCH1-S707SCQSPESTSS	200	18168
>PTCH1-S707SCQSPESTSS	24267	>PTCH1-S707SCQSPESTSS	320	23947
>PTCH1-T119TPSPEPPPSV	455	>PTCH1-T119IPSPEPPPSV	3756	3301
>PTCH1-T119TPSPEPPPSV\	1928	>PTCH1-T119IPSPEPPPSV\	446	1482
>PTCH1-T119TPSPEPPPS	302	>PTCH1-T119IPSPEPPPS	206	96
>PTCH1-T119TPSPEPPPSV\	898	>PTCH1-T119IPSPEPPPSV\	217	681
>PTCH1-T119PTPSPEPPPS\	867	>PTCH1-T119PIPSPEPPPS\	210	657
>PTCH1-T119PTPSPEPPPS\	1821	>PTCH1-T119PIPSPEPPPS\	86	1735
>PTCH1-T119PTPSPEPPPS\	69	>PTCH1-T119PIPSPEPPPS\	9985	9916
>PTCH1-T119SPANGLNRLF	53	>PTCH1-T119SPANGLNRLF	17	36
>PTCH1-T119LPTPSPEPPPS	178	>PTCH1-T119LPIPSPEPPPS	114	64

>PTCH1-T119LPTPSPEP	921	>PTCH1-T119LPIPSPEP	471	450
>PTCH1-T119LPTPSPEPPPS	255	>PTCH1-T119LPIPSPEPPPS	123	132
>PTCH1-T119GLNRLPTPS	444	>PTCH1-T119GLNRLPIPS	2579	2135
>PTCH1-T119ANGLNRLPT	16397	>PTCH1-T119ANGLNRLPI	166	16231
>PTCH1-T119TPSPEPPPSV	455	>PTCH1-T119SPSPEPPPSV	654	199
>PTCH1-T119TPSPEPPPSV\	1928	>PTCH1-T119SPSPEPPPSV\	414	1514
>PTCH1-T119TPSPEPPPS	302	>PTCH1-T119SPSPEPPPS	517	215
>PTCH1-T119PTPSPEPPPS\	69	>PTCH1-T119PSPSPEPPPS\	241	172
>PTCH1-T119SPANGLNRLF	53	>PTCH1-T119SPANGLNRLF	319	266
>PTCH1-T119LPTPSPEPPPS	178	>PTCH1-T119LPSPSPEPPPS	115	63
>PTCH1-T119LPTPSPEPPPS	255	>PTCH1-T119LPSPSPEPPPS	816	561
>PTCH1-T119GLNRLPTPS	444	>PTCH1-T119GLNRLSPS	483	39
>PTCH1-T121THSGSDSS	19570	>PTCH1-T121MHSGSDSS	305	19265
>PTCH1-T121THSGSDSSD	23573	>PTCH1-T121MHSGSDSSD	407	23166
>PTCH1-T121THSGSDSSDS	17963	>PTCH1-T121MHSGSDSSD.	285	17678
>PTCH1-T121VRFAMPPG	12956	>PTCH1-T121VRFAMPPG	102	12854
>PTCH1-T121VRFAMPPG	292	>PTCH1-T121VRFAMPPG	43	249
>PTCH1-T121VRFAMPPG	13156	>PTCH1-T121VRFAMPPG	258	12898
>PTCH1-T121VRFAMPPG	11540	>PTCH1-T121VRFAMPPG	193	11347
>PTCH1-T121MPPGHTHSG	270	>PTCH1-T121MPPGHMHS\	1691	1421
>PTCH1-T121MPPGHTHS	630	>PTCH1-T121MPPGHMHS	492	138
>PTCH1-T121MPPGHTHSG	254	>PTCH1-T121MPPGHMHS\	134	120
>PTCH1-T121MPPGHTHSG	434	>PTCH1-T121MPPGHMHS\	258	176
>PTCH1-T121AMPPGHTHS	404	>PTCH1-T121AMPPGHMH	270	134
>PTCH1-T121AMPPGHTHS	426	>PTCH1-T121AMPPGHMH	549	123
>PTCH1-T121AMPPGHTHS	550	>PTCH1-T121AMPPGHMH	442	108
>PTCH1-T121AMPPGHTH	2625	>PTCH1-T121AMPPGHMH	207	2418
>PTCH1-T121FAMPPGHT	699	>PTCH1-T121FAMPPGHM	279	420
>PTCH1-T121FAMPPGHT	1203	>PTCH1-T121FAMPPGHM	442	761
>PTCH1-T121FAMPPGHT	1946	>PTCH1-T121FAMPPGHM	154	1792
>PTCH1-T121FAMPPGHT	13989	>PTCH1-T121FAMPPGHM	392	13597
>PTCH1-T121FAMPPGHT	10798	>PTCH1-T121FAMPPGHM	300	10498
>PTCH1-T121FAMPPGHTH	494	>PTCH1-T121FAMPPGHMI	1108	614
>PTCH1-T121FAMPPGHTH	7413	>PTCH1-T121FAMPPGHM	42	7371
>PTCH1-T121FAMPPGHTH	252	>PTCH1-T121FAMPPGHMI	770	518
>PTCH1-T121FAMPPGHTH	7841	>PTCH1-T121FAMPPGHM	237	7604
>PTCH1-T121FAMPPGHTH	122	>PTCH1-T121FAMPPGHMI	660	538
>PTCH1-T121FAMPPGHTH	16361	>PTCH1-T121FAMPPGHM	295	16066
>PTCH1-T121FAMPPGHTH	605	>PTCH1-T121FAMPPGHMI	494	111
>PTCH1-T121FAMPPGHTH	18119	>PTCH1-T121FAMPPGHM	221	17898
>PTCH1-T121VRFAMPPGH	5412	>PTCH1-T121VRFAMPPGH	231	5181
>PTCH1-T121VRFAMPPGH	485	>PTCH1-T121VRFAMPPGH	726	241
>PTCH1-T121VRFAMPPGH	156	>PTCH1-T121VRFAMPPGH	43	113

>PTCH1-T121VRFAMPPGH	254	>PTCH1-T121VRFAMPPGH	196	58
>PTCH1-T121VRFAMPPGH	791	>PTCH1-T121VRFAMPPGH	227	564
>PTCH1-T362TMFQLMTPK	96	>PTCH1-T362IMFQLMTPK	47	49
>PTCH1-T362TMFQLMTPK	593	>PTCH1-T362IMFQLMTPK	354	239
>PTCH1-T362TMFQLMTPK	371	>PTCH1-T362IMFQLMTPK	216	155
>PTCH1-T362TMFQLMTPK	68	>PTCH1-T362IMFQLMTPK	15	53
>PTCH1-T362TMFQLMTPK	729	>PTCH1-T362IMFQLMTPK	360	369
>PTCH1-T362TMFQLMTPK	398	>PTCH1-T362IMFQLMTPK	121	277
>PTCH1-T362TMFQLMTPK	566	>PTCH1-T362IMFQLMTPK	147	419
>PTCH1-T362TMFQLMTPK	35	>PTCH1-T362IMFQLMTPK	29	6
>PTCH1-T362TMFQLMTPK	7	>PTCH1-T362IMFQLMTPK	9	2
>PTCH1-T362TMFQLMTPK	49	>PTCH1-T362IMFQLMTPK	45	4
>PTCH1-T362TMFQLMTPK	359	>PTCH1-T362IMFQLMTPK	312	47
>PTCH1-T362TMFQLMTPK	37	>PTCH1-T362IMFQLMTPK	120	83
>PTCH1-T362TMFQLMTPK	222	>PTCH1-T362IMFQLMTPK	115	107
>PTCH1-T362TMFQLMTPK	669	>PTCH1-T362IMFQLMTPK	82	587
>PTCH1-T362TMFQLMTPK	61	>PTCH1-T362IMFQLMTPK	11	50
>PTCH1-T362TMFQLMTPK	243	>PTCH1-T362IMFQLMTPK	47	196
>PTCH1-T362TMFQLMTPK	455	>PTCH1-T362IMFQLMTPK	116	339
>PTCH1-T362TMFQLMTPK	79	>PTCH1-T362IMFQLMTPK	67	12
>PTCH1-T362QTMFQLMTF	13	>PTCH1-T362QIMFQLMTP	12	1
>PTCH1-T362QTMFQLMTF	7	>PTCH1-T362QIMFQLMTP	11	4
>PTCH1-T362QTMFQLMTF	51	>PTCH1-T362QIMFQLMTP	202	151
>PTCH1-T362QTMFQLMTF	18	>PTCH1-T362QIMFQLMTP	42	24
>PTCH1-T362QTMFQLMTF	71	>PTCH1-T362QIMFQLMTP	892	821
>PTCH1-T362GKLVSAAHALC	5811	>PTCH1-T362GKLVSAAHALC	206	5605
>PTCH1-T362LQTMFQLM	3088	>PTCH1-T362LQIMFQLM	417	2671
>PTCH1-T362LQTMFQLM	313	>PTCH1-T362LQIMFQLM	73	240
>PTCH1-T362LQTMFQLMT	78	>PTCH1-T362LQIMFQLMTI	35	43
>PTCH1-T362LQTMFQLMT	616	>PTCH1-T362LQIMFQLMTI	393	223
>PTCH1-T362LQTMFQLM	736	>PTCH1-T362LQIMFQLM	63	673
>PTCH1-T362LQTMFQLM	56	>PTCH1-T362LQIMFQLM	14	42
>PTCH1-T362LQTMFQLMT	1972	>PTCH1-T362LQIMFQLMTI	463	1509
>PTCH1-T362LQTMFQLMT	371	>PTCH1-T362LQIMFQLMTI	82	289
>PTCH1-T362ALQTMFQL	45	>PTCH1-T362ALQIMFQL	82	37
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>PTCH1-T362ALQTMFQLM	302	>PTCH1-T362ALQIMFQLM	655	353
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>PTCH1-T362ALQTMFQL	273	>PTCH1-T362ALQIMFQL	575	302
>PTCH1-T362ALQTMFQL	42	>PTCH1-T362ALQIMFQL	33	9
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>PTCH1-T362ALQTMFQL	91	>PTCH1-T362ALQIMFQL	72	19
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>PTCH1-T362ALQTMFQL	3	>PTCH1-T362ALQIMFQL	3	0
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>PTCH1-T362ALQTMFQLM	127	>PTCH1-T362ALQIMFQLM	130	3
>PTCH1-T362HALQTMFQL	1865	>PTCH1-T362HALQIMFQL	402	1463
>PTCH1-T362HALQTMFQL	236	>PTCH1-T362HALQIMFQL	191	45
>PTCH1-T362HALQTMFQL	3069	>PTCH1-T362HALQIMFQL	109	2960
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>PTCH1-T362HALQTMFQL	174	>PTCH1-T362HALQIMFQLM	172	2
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>PTCH1-T362HALQTMFQL	52	>PTCH1-T362HALQIMFQLM	78	26
>PTCH1-T362HALQTMFQL	111	>PTCH1-T362HALQIMFQL	317	206
>PTCH1-T362HALQTMFQL	191	>PTCH1-T362HALQIMFQL	408	217
>PTCH1-T362AHALQTMF	90	>PTCH1-T362AHALQIMF	161	71
>PTCH1-T362AHALQTMFC	68	>PTCH1-T362AHALQIMFQI	127	59
>PTCH1-T362SAHALQTM	213	>PTCH1-T362SAHALQIM	706	493
>PTCH1-T362SAHALQTMFI	674	>PTCH1-T362SAHALQIMFC	447	227
>PTCH1-T362SAHALQTMFI	220	>PTCH1-T362SAHALQIMFC	155	65
>PTCH1-T362SAHALQTMFI	478	>PTCH1-T362SAHALQIMFC	183	295
>PTCH1-T362SAHALQTMF	412	>PTCH1-T362SAHALQIMF	908	496
>PTCH1-T362SAHALQTMF	84	>PTCH1-T362SAHALQIMF	165	81
>PTCH1-T362SAHALQTM	118	>PTCH1-T362SAHALQIM	1087	969
>PTCH1-T362SAHALQTMF	76	>PTCH1-T362SAHALQIMF	133	57
>PTCH1-T362SAHALQTMFI	66	>PTCH1-T362SAHALQIMFC	120	54
>PTCH1-T362SAHALQTM	383	>PTCH1-T362SAHALQIM	908	525
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>PTCH1-T362VSAHALQTM	284	>PTCH1-T362VSAHALQIM	415	131
>PTCH1-T362VSAHALQTM	243	>PTCH1-T362VSAHALQIM	358	115
>PTCH1-T362VSAHALQTM	371	>PTCH1-T362VSAHALQIM	1267	896
>PTCH1-T362VSAHALQTM	189	>PTCH1-T362VSAHALQIMFI	403	214
>PTCH1-T362VSAHALQTM	191	>PTCH1-T362VSAHALQIM	337	146
>PTCH1-T362VSAHALQTM	30	>PTCH1-T362VSAHALQIMFI	45	15
>PTCH1-T362VSAHALQT	1440	>PTCH1-T362VSAHALQI	22	1418
>PTCH1-T362VSAHALQTM	6	>PTCH1-T362VSAHALQIM	28	22
>PTCH1-T362VSAHALQTM	5	>PTCH1-T362VSAHALQIMFI	6	1
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>PTCH1-T362VSAHALQT	10965	>PTCH1-T362VSAHALQI	60	10905
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>PTCH1-T362VSAHALQT	13355	>PTCH1-T362VSAHALQI	60	13295
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>PTCH1-T362VSAHALQT	28742	>PTCH1-T362VSAHALQI	33	28709
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>PTCH1-T362LVSAHALQT	2859	>PTCH1-T362LVSAHALQI	122	2737
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>PTCH1-T362LVSAHALQTM	523	>PTCH1-T362LVSAHALQIM	346	177
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>PTCH1-T362LVSAHALQTM	97	>PTCH1-T362LVSAHALQIM	144	47
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>PTCH1-T362LVSAHALQTM	151	>PTCH1-T362LVSAHALQIM	1404	1253
>PTCH1-T362LVSAHALQTM	103	>PTCH1-T362LVSAHALQIM	168	65
>PTCH1-T362LVSAHALQTM	288	>PTCH1-T362LVSAHALQIM	211	77
>PTCH1-T362LVSAHALQT	16722	>PTCH1-T362LVSAHALQI	342	16380
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>PTCH1-T362LVSAHALQT	39065	>PTCH1-T362LVSAHALQI	324	38741
>PTCH1-T362KLVSAAHALQT	778	>PTCH1-T362KLVSAAHALQI	71	707
>PTCH1-T362KLVSAAHALQT	137	>PTCH1-T362KLVSAAHALQII	189	52
>PTCH1-T362KLVSAAHALQT	939	>PTCH1-T362KLVSAAHALQI	183	756
>PTCH1-T362KLVSAAHALQT	134	>PTCH1-T362KLVSAAHALQII	248	114
>PTCH1-T362KLVSAAHALQT	277	>PTCH1-T362KLVSAAHALQII	506	229
>PTCH1-T362KLVSAAHALQT	784	>PTCH1-T362KLVSAAHALQI	22	762
>PTCH1-T362KLVSAAHALQT	78	>PTCH1-T362KLVSAAHALQII	739	661
>PTCH1-T362KLVSAAHALQT	8674	>PTCH1-T362KLVSAAHALQI	233	8441
>PTCH1-T362KLVSAAHALQT	165	>PTCH1-T362KLVSAAHALQII	766	601
>PTCH1-T362KLVSAAHALQT	3238	>PTCH1-T362KLVSAAHALQI	126	3112
>PTCH1-T362KLVSAAHALQT	266	>PTCH1-T362KLVSAAHALQI	26	240
>PTCH1-T362KLVSAAHALQT	52	>PTCH1-T362KLVSAAHALQII	303	251
>PTCH1-T362KLVSAAHALQT	9301	>PTCH1-T362KLVSAAHALQI	90	9211
>PTCH1-T362KLVSAAHALQT	144	>PTCH1-T362KLVSAAHALQII	386	242
>PTCH1-T362KLVSAAHALQT	122	>PTCH1-T362KLVSAAHALQII	112	10
>PTCH1-T362KLVSAAHALQT	161	>PTCH1-T362KLVSAAHALQII	1432	1271
>PTCH1-T362KLVSAAHALQT	231	>PTCH1-T362KLVSAAHALQII	335	104
>PTCH1-T362TMFQLMTPK	96	>PTCH1-T362NMFQLMTPK	706	610
>PTCH1-T362TMFQLMTPK	371	>PTCH1-T362NMFQLMTPK	452	81
>PTCH1-T362TMFQLMTPK	68	>PTCH1-T362NMFQLMTPK	110	42
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>PTCH1-T362TMFQLMTPK	35	>PTCH1-T362NMFQLMTPK	78	43
>PTCH1-T362TMFQLMTPK	7	>PTCH1-T362NMFQLMTPK	20	13
>PTCH1-T362TMFQLMTPK	49	>PTCH1-T362NMFQLMTPK	214	165
>PTCH1-T362TMFQLMTPK	359	>PTCH1-T362NMFQLMTPK	144	215
>PTCH1-T362TMFQLMTPK	37	>PTCH1-T362NMFQLMTPK	57	20
>PTCH1-T362TMFQLMTPK	222	>PTCH1-T362NMFQLMTPK	328	106

>PTCH1-T362TMFQLMTPK	638	>PTCH1-T362NMFQLMTPK	410	228
>PTCH1-T362TMFQLMTPK	61	>PTCH1-T362NMFQLMTPK	98	37
>PTCH1-T362TMFQLMTPK	243	>PTCH1-T362NMFQLMTPK	2083	1840
>PTCH1-T362TMFQLMTPK	455	>PTCH1-T362NMFQLMTPK	1533	1078
>PTCH1-T362TMFQLMTPK	79	>PTCH1-T362NMFQLMTPK	86	7
>PTCH1-T362QTMFQLMTF	13	>PTCH1-T362QNMFLMFTI	459	446
>PTCH1-T362QTMFQLMTF	7	>PTCH1-T362QNMFLMFTI	893	886
>PTCH1-T362QTMFQLMTF	51	>PTCH1-T362QNMFLMFTI	2115	2064
>PTCH1-T362QTMFQLMTF	18	>PTCH1-T362QNMFLMFTI	1892	1874
>PTCH1-T362QTMFQLMTF	71	>PTCH1-T362QNMFLMFTI	1050	979
>PTCH1-T362LQTMFQLM	313	>PTCH1-T362LQNMFLMFTI	444	131
>PTCH1-T362LQTMFQLMT	1137	>PTCH1-T362LQNMFLMFTI	266	871
>PTCH1-T362LQTMFQLMT	78	>PTCH1-T362LQNMFLMFTI	33	45
>PTCH1-T362LQTMFQLMT	616	>PTCH1-T362LQNMFLMFTI	119	497
>PTCH1-T362LQTMFQLM	736	>PTCH1-T362LQNMFLMFTI	87	649
>PTCH1-T362LQTMFQLM	56	>PTCH1-T362LQNMFLMFTI	24	32
>PTCH1-T362LQTMFQLMT	371	>PTCH1-T362LQNMFLMFTI	156	215
>PTCH1-T362ALQTMFQL	45	>PTCH1-T362ALQNMFLMFTI	44	1
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>PTCH1-T362ALQTMFQLM	302	>PTCH1-T362ALQNMFLMFTI	321	19
>PTCH1-T362ALQTMFQL	132	>PTCH1-T362ALQNMFLMFTI	101	31
>PTCH1-T362ALQTMFQL	273	>PTCH1-T362ALQNMFLMFTI	153	120
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>PTCH1-T362ALQTMFQL	87	>PTCH1-T362ALQNMFLMFTI	45	42
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>PTCH1-T362ALQTMFQLM	43	>PTCH1-T362ALQNMFLMFTI	20	23
>PTCH1-T362ALQTMFQLM	127	>PTCH1-T362ALQNMFLMFTI	61	66
>PTCH1-T362ALQTMFQL	1091	>PTCH1-T362ALQNMFLMFTI	466	625
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>PTCH1-T362HALQTMFQL	1801	>PTCH1-T362HALQNMFLMFTI	81	1720
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>PTCH1-T362HALQTMFQL	16	>PTCH1-T362HALQNMFLMFTI	17	1
>PTCH1-T362HALQTMFQL	174	>PTCH1-T362HALQNMFLMFTI	193	19
>PTCH1-T362HALQTMFQL	6	>PTCH1-T362HALQNMFLMFTI	6	0
>PTCH1-T362HALQTMFQL	52	>PTCH1-T362HALQNMFLMFTI	60	8
>PTCH1-T362HALQTMFQL	111	>PTCH1-T362HALQNMFLMFTI	297	186
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>PTCH1-T362AHALQTMF	90	>PTCH1-T362AHALQNMFLMFTI	156	66
>PTCH1-T362AHALQTMFC	630	>PTCH1-T362AHALQNMFLMFTI	466	164

>PTCH1-T362AHALQTMFC	68	>PTCH1-T362AHALQNMFC	108	40
>PTCH1-T362SAHALQTM	213	>PTCH1-T362SAHALQNM	1337	1124
>PTCH1-T362SAHALQTMFI	2059	>PTCH1-T362SAHALQNMFI	428	1631
>PTCH1-T362SAHALQTMFI	220	>PTCH1-T362SAHALQNMFI	174	46
>PTCH1-T362SAHALQTMFI	478	>PTCH1-T362SAHALQNMFI	331	147
>PTCH1-T362SAHALQTMF	412	>PTCH1-T362SAHALQNMF	768	356
>PTCH1-T362SAHALQTMF	84	>PTCH1-T362SAHALQNMF	165	81
>PTCH1-T362SAHALQTM	118	>PTCH1-T362SAHALQNM	378	260
>PTCH1-T362SAHALQTMF	76	>PTCH1-T362SAHALQNMFI	459	383
>PTCH1-T362SAHALQTMFI	66	>PTCH1-T362SAHALQNMFI	112	46
>PTCH1-T362SAHALQTM	383	>PTCH1-T362SAHALQNM	2682	2299
>PTCH1-T362SAHALQTMF	63	>PTCH1-T362SAHALQNMFI	136	73
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>PTCH1-T362VSAHALQTM	243	>PTCH1-T362VSAHALQNM	187	56
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>PTCH1-T362VSAHALQTM	189	>PTCH1-T362VSAHALQNM	373	184
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>PTCH1-T362VSAHALQTM	469	>PTCH1-T362VSAHALQNM	659	190
>PTCH1-T362VSAHALQTM	88	>PTCH1-T362VSAHALQNM	327	239
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>PTCH1-T362VSAHALQTM	32	>PTCH1-T362VSAHALQNM	255	223
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>PTCH1-T362LVSAHALQTM	97	>PTCH1-T362LVSAHALQNM	133	36
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>PTCH1-T362LVSAHALQTM	151	>PTCH1-T362LVSAHALQNM	382	231
>PTCH1-T362LVSAHALQTM	103	>PTCH1-T362LVSAHALQNM	324	221
>PTCH1-T362LVSAHALQTM	288	>PTCH1-T362LVSAHALQNM	344	56
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>PTCH1-T362LVSAHALQTM	106	>PTCH1-T362LVSAHALQNM	157	51
>PTCH1-T362LVSAHALQTM	84	>PTCH1-T362LVSAHALQNM	141	57
>PTCH1-T362KLVSahalQT	137	>PTCH1-T362KLVSahalQNM	61	76
>PTCH1-T362KLVSahalQT	134	>PTCH1-T362KLVSahalQNM	135	1
>PTCH1-T362KLVSahalQT	277	>PTCH1-T362KLVSahalQNM	408	131
>PTCH1-T362KLVSahalQT	78	>PTCH1-T362KLVSahalQNM	250	172
>PTCH1-T362KLVSahalQT	165	>PTCH1-T362KLVSahalQNM	661	496
>PTCH1-T362KLVSahalQT	266	>PTCH1-T362KLVSahalQNM	14209	13943
>PTCH1-T362KLVSahalQT	52	>PTCH1-T362KLVSahalQNM	145	93

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>PTCH1-T362KLVSAHALQT	122	>PTCH1-T362KLVSAHALQN	144	22
>PTCH1-T362KLVSAHALQT	161	>PTCH1-T362KLVSAHALQN	420	259
>PTCH1-T362KLVSAHALQT	231	>PTCH1-T362KLVSAHALQN	1324	1093
>PTCH1-T41€STQKVLSF	325	>PTCH1-T41€SSQKVLSF	1409	1084
>PTCH1-T41€STQKVLSF	233	>PTCH1-T41€SSQKVLSF	2104	1871
>PTCH1-T41€STQKVLSF	74	>PTCH1-T41€SSQKVLSF	272	198
>PTCH1-T41€STQKVLSF	103	>PTCH1-T41€SSQKVLSF	89	14
>PTCH1-T41€STQKVLSF	368	>PTCH1-T41€SSQKVLSF	116	252
>PTCH1-T41€STQKVLSF	17	>PTCH1-T41€SSQKVLSF	21	4
>PTCH1-T41€STQKVLSF	610	>PTCH1-T41€SSQKVLSF	262	348
>PTCH1-T41€STQKVLSF	143	>PTCH1-T41€SSQKVLSF	109	34
>PTCH1-T41€STQKVLSFT	49	>PTCH1-T41€SSQKVLSFT	130	81
>PTCH1-T41€STQKVLSFTT	93	>PTCH1-T41€SSQKVLSFTT	249	156
>PTCH1-T41€NSTQKVLSF	1721	>PTCH1-T41€NSSQKVLSF	166	1555
>PTCH1-T41€NSTQKVLSF	697	>PTCH1-T41€NSSQKVLSF	327	370
>PTCH1-T41€NSTQKVLSF	12	>PTCH1-T41€NSSQKVLSF	9	3
>PTCH1-T41€QNSTQKVLSF	350	>PTCH1-T41€QNSSQKVLSF	215	135
>PTCH1-T41€AQNSTQKV	100	>PTCH1-T41€AQNSSQKV	99	1
>PTCH1-T41€AQNSTQKV	212	>PTCH1-T41€AQNSSQKV	252	40
>PTCH1-T41€AQNSTQKV	286	>PTCH1-T41€AQNSSQKV	418	132
>PTCH1-T41€AQNSTQKV	495	>PTCH1-T41€AQNSSQKV	798	303
>PTCH1-T41€AQNSTQKV	481	>PTCH1-T41€AQNSSQKV	568	87
>PTCH1-T41€AQNSTQKVL	401	>PTCH1-T41€AQNSSQKVL	701	300
>PTCH1-T41€AQNSTQKVL	277	>PTCH1-T41€AQNSSQKVL	206	71
>PTCH1-T41€AQNSTQKVL	27	>PTCH1-T41€AQNSSQKVL	26	1
>PTCH1-T41€AQNSTQKV	49	>PTCH1-T41€AQNSSQKV	30	19
>PTCH1-T41€AQNSTQKVL	10	>PTCH1-T41€AQNSSQKVL	7	3
>PTCH1-T41€AQNSTQKVL	2	>PTCH1-T41€AQNSSQKVL	2	0
>PTCH1-T41€AQNSTQKVL	123	>PTCH1-T41€AQNSSQKVL	217	94
>PTCH1-T41€VAQNSTQKV	93	>PTCH1-T41€VAQNSSQKV	161	68
>PTCH1-T41€VAQNSTQK	79	>PTCH1-T41€VAQNSSQK	76	3
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>PTCH1-T41€SVAQNSTQK	176	>PTCH1-T41€SVAQNSSQK	301	125
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>PTCH1-T41€SVAQNSTQK	408	>PTCH1-T41€SVAQNSSQK	466	58
>PTCH1-T41€SVAQNSTQK	5	>PTCH1-T41€SVAQNSSQK	6	1
>PTCH1-T41€SVAQNSTQK	147	>PTCH1-T41€SVAQNSSQK	121	26
>PTCH1-T41€SVAQNSTQK	30	>PTCH1-T41€SVAQNSSQK	23	7
>PTCH1-T41€SVAQNSTQK	1512	>PTCH1-T41€SVAQNSSQK	477	1035
>PTCH1-T41€SVAQNSTQK	27	>PTCH1-T41€SVAQNSSQK	18	9
>PTCH1-T41€SVAQNSTQK	180	>PTCH1-T41€SVAQNSSQK	267	87

>PTCH1-T41€SVAQNSTQK\	33	>PTCH1-T41€SVAQNSSQK\	41	8
>PTCH1-T41€SVAQNSTQK	381	>PTCH1-T41€SVAQNSSQK	493	112
>PTCH1-T41€QSVAQNSTQ	466	>PTCH1-T41€QSVAQNSSQ	296	170
>PTCH1-T41€QSVAQNSTQ	137	>PTCH1-T41€QSVAQNSSQ	143	6
>PTCH1-T41€QSVAQNSTQ	986	>PTCH1-T41€QSVAQNSSQ	473	513
>PTCH1-T41€QSVAQNSTQ	181	>PTCH1-T41€QSVAQNSSQ	164	17
>PTCH1-T41€QSVAQNSTQ	165	>PTCH1-T41€QSVAQNSSQ	216	51
>PTCH1-T41€QSVAQNSTQ	259	>PTCH1-T41€QSVAQNSSQ	206	53
>PTCH1-T41€HQSVAQNST	451	>PTCH1-T41€HQSVAQNSS\	388	63
>PTCH1-T41€HQSVAQNST	443	>PTCH1-T41€HQSVAQNSS\	207	236
>PTCH1-T67€TAEPREISV	1738	>PTCH1-T67€IAEPREISV	478	1260
>PTCH1-T67€TAEPREI	3804	>PTCH1-T67€IAEPREI	440	3364
>PTCH1-T67€TAEPREI	197	>PTCH1-T67€IAEPREI	111	86
>PTCH1-T67€TTAEPREISV	1643	>PTCH1-T67€TIAEPREISV	367	1276
>PTCH1-T67€TTAEPREI	2182	>PTCH1-T67€TIAEPREI	296	1886
>PTCH1-T67€TTAEPREISV	912	>PTCH1-T67€TIAEPREISV	97	815
>PTCH1-T67€TTAEPREISV	505	>PTCH1-T67€TIAEPREISV	132	373
>PTCH1-T67€TTAEPREISV	323	>PTCH1-T67€TIAEPREISV	79	244
>PTCH1-T67€TTAEPREISV	834	>PTCH1-T67€TIAEPREISV	130	704
>PTCH1-T67€TTAEPREISV	172	>PTCH1-T67€TIAEPREISV	8	164
>PTCH1-T67€TTAEPREI	5	>PTCH1-T67€TIAEPREI	8	3
>PTCH1-T67€TTAEPREISV	6	>PTCH1-T67€TIAEPREISV	15	9
>PTCH1-T67€TTAEPREI	17	>PTCH1-T67€TIAEPREI	50	33
>PTCH1-T67€TTAEPREISV	11	>PTCH1-T67€TIAEPREISV	24	13
>PTCH1-T67€TTAEPREI	328	>PTCH1-T67€TIAEPREI	17284	16956
>PTCH1-T67€TTAEPREI	104	>PTCH1-T67€TIAEPREI	3955	3851
>PTCH1-T67€TTAEPREI	37	>PTCH1-T67€TIAEPREI	2715	2678
>PTCH1-T67€YDPHTHVYYT	17719	>PTCH1-T67€YDPHTHVYYT	384	17335
>PTCH1-T67€YDPHTHVYYT	8537	>PTCH1-T67€YDPHTHVYYT	185	8352
>PTCH1-T67€YTIAEPREI	585	>PTCH1-T67€YTIAEPREI	170	415
>PTCH1-T67€YTIAEPREI	319	>PTCH1-T67€YTIAEPREI	87	232
>PTCH1-T67€YTIAEPREI	973	>PTCH1-T67€YTIAEPREI	166	807
>PTCH1-T67€YTIAEPREI	969	>PTCH1-T67€YTIAEPREI	286	683
>PTCH1-T67€YTIAEPREI	4322	>PTCH1-T67€YTIAEPREI	173	4149
>PTCH1-T67€YTIAEPREI	41	>PTCH1-T67€YTIAEPREI	22	19
>PTCH1-T67€YTIAEPREI	576	>PTCH1-T67€YTIAEPREI	142	434
>PTCH1-T67€YTIAEPREI	65	>PTCH1-T67€YTIAEPREI	23	42
>PTCH1-T67€YTIAEPREI	201	>PTCH1-T67€YTIAEPREI	1561	1360
>PTCH1-T67€YTIAEPREI	104	>PTCH1-T67€YTIAEPREI	176	72
>PTCH1-T67€YTIAEPREI	27	>PTCH1-T67€YTIAEPREI	35	8
>PTCH1-T67€YYTIAEPREI	23	>PTCH1-T67€YYTIAEPREI	45	22
>PTCH1-T67€YYTIAEPREI	614	>PTCH1-T67€YYTIAEPREI	348	266
>PTCH1-T67€YYTIAEPREI	9	>PTCH1-T67€YYTIAEPREI	8	1

>PTCH1-T67EYTTAEPR	666	>PTCH1-T67EYTTIAEPR	465	201
>PTCH1-T67EYTTAEPR	193	>PTCH1-T67EYTTIAEPR	118	75
>PTCH1-T67EYTTAEPR	85	>PTCH1-T67EYTTIAEPR	81	4
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>PTCH1-T67EVYTTAEPR	87	>PTCH1-T67EVYTTIAEPR	36	51
>PTCH1-T67EVYTTAEPR	507	>PTCH1-T67EVYTTIAEPR	141	366
>PTCH1-T67EVYTTAEPR	565	>PTCH1-T67EVYTTIAEPR	194	371
>PTCH1-T67EVYTTAEPR	18	>PTCH1-T67EVYTTIAEPR	15	3
>PTCH1-T67EHVYTTAEPR	187	>PTCH1-T67EHVYTTIAEPR	189	2
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>PTCH1-T67EHVYTTAEPR	63	>PTCH1-T67EHVYTTIAEPR	41	22
>PTCH1-T67EHVYTTAEPR	147	>PTCH1-T67EHVYTTIAEPR	79	68
>PTCH1-T67EHVYTTAEPR	4	>PTCH1-T67EHVYTTIAEPR	3	1
>PTCH1-T67EHVYTTAEPR	36	>PTCH1-T67EHVYTTIAEPR	36	0
>PTCH1-T67ETHVYTTAEPR	166	>PTCH1-T67ETHVYTTIAEPR	122	44
>PTCH1-T67ETHVYTTAEPR	400	>PTCH1-T67ETHVYTTIAEPR	275	125
>PTCH1-T67ETHVYTT	216	>PTCH1-T67ETHVYTTI	13	203
>PTCH1-T67ETHVYTTA	15	>PTCH1-T67ETHVYTTIA	19	4
>PTCH1-T67ETHVYTTAE	1441	>PTCH1-T67ETHVYTTIAE	356	1085
>PTCH1-T67ETHVYTTAE	178	>PTCH1-T67ETHVYTTIAEI	255	77
>PTCH1-T67ETHVYTT	6079	>PTCH1-T67ETHVYTTI	107	5972
>PTCH1-T67ETHVYTT	653	>PTCH1-T67ETHVYTTI	21	632
>PTCH1-T67ETHVYTTA	159	>PTCH1-T67ETHVYTTIA	467	308
>PTCH1-T67ETHVYTT	6440	>PTCH1-T67ETHVYTTI	404	6036
>PTCH1-T67ETHVYTT	4205	>PTCH1-T67ETHVYTTI	53	4152
>PTCH1-T67ETHVYTT	26818	>PTCH1-T67ETHVYTTI	19	26799
>PTCH1-T67EDPHTHVYTT	511	>PTCH1-T67EDPHTHVYTTI	440	71
>PTCH1-T691VTVTQDTL	405	>PTCH1-T691VIVTQDTL	2729	2324
>PTCH1-T691VTVTQDTL	16	>PTCH1-T691VIVTQDTL	6437	6421
>PTCH1-T691QPVTVTQDTI	407	>PTCH1-T691QPVIVTQDTL	4997	4590
>PTCH1-T691QPVTVTQDTI	491	>PTCH1-T691QPVIVTQDTL	631	140
>PTCH1-T691QPVTVTQDTI	276	>PTCH1-T691QPVIVTQDTL	223	53
>PTCH1-T691QPVTVTQDTI	302	>PTCH1-T691QPVIVTQDTL	1010	708
>PTCH1-T691QPVTVTQDTI	468	>PTCH1-T691QPVIVTQDTL	529	61
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>PTCH1-T691VQPVTVTQD	464	>PTCH1-T691VQPVIVTQDT	1008	544
>PTCH1-T691ISVQPVTV	455	>PTCH1-T691ISVQPVIV	641	186
>PTCH1-T691ISVQPVTV	33	>PTCH1-T691ISVQPVIV	196	163
>PTCH1-T691ISVQPVTVT	366	>PTCH1-T691ISVQPVIVT	690	324
>PTCH1-T691ISVQPVTVTQ	396	>PTCH1-T691ISVQPVIVTQ	427	31
>PTCH1-T691EISVQPVTV	159	>PTCH1-T691EISVQPVIV	612	453
>PTCH1-T691EISVQPVTV	59	>PTCH1-T691EISVQPVIV	234	175
>PTCH1-T691EISVQPVTV	102	>PTCH1-T691EISVQPVIV	451	349

>PTCH1-T691SEISVQPVT	12236	>PTCH1-T691SEISVQPVI	38	12198
>PTCH1-T691SEISVQPVT	3774	>PTCH1-T691SEISVQPVI	36	3738
>PTCH1-T691SEISVQPVT	241	>PTCH1-T691SEISVQPVI	143	98
>PTCH1-T691SEISVQPVTV	124	>PTCH1-T691SEISVQPVI	296	172
>PTCH1-T691SEISVQPVTV	270	>PTCH1-T691SEISVQPVI	285	15
>PTCH1-T691SEISVQPVT	2536	>PTCH1-T691SEISVQPVI	337	2199
>PTCH1-T691SEISVQPVT	1428	>PTCH1-T691SEISVQPVI	323	1105
>PTCH1-T691SEISVQPVTV	293	>PTCH1-T691SEISVQPVI	533	240
>PTCH1-T691SEISVQPVT	27	>PTCH1-T691SEISVQPVI	74	47
>PTCH1-T691SEISVQPVTV	104	>PTCH1-T691SEISVQPVI	234	130
>PTCH1-T691SEISVQPVTV	51	>PTCH1-T691SEISVQPVI	28	23
>PTCH1-T691SEISVQPVT	137	>PTCH1-T691SEISVQPVI	6	131
>PTCH1-T691SEISVQPVTV	26	>PTCH1-T691SEISVQPVI	29	3
>PTCH1-T691SEISVQPVTV	157	>PTCH1-T691SEISVQPVI	142	15
>PTCH1-T691RSEISVQPVT	904	>PTCH1-T691RSEISVQPVI	27	877
>PTCH1-T691RSEISVQPVT	22	>PTCH1-T691RSEISVQPVI	123	101
>PTCH1-T691RSEISVQPVT	5341	>PTCH1-T691RSEISVQPVI	463	4878
>PTCH1-V111VLNGLVLL	43	>PTCH1-V111ILNGLVLL	34	9
>PTCH1-V111VLNGLVLLPV	23	>PTCH1-V111ILNGLVLLPV	16	7
>PTCH1-V111VLNGLVLLPV	58	>PTCH1-V111ILNGLVLLPV	42	16
>PTCH1-V111VLNGLVLL	8	>PTCH1-V111ILNGLVLL	5	3
>PTCH1-V111VLNGLVLLP	1019	>PTCH1-V111ILNGLVLLP	481	538
>PTCH1-V111VLNGLVLLPV	28	>PTCH1-V111ILNGLVLLPV	16	12
>PTCH1-V111VLNGLVLLPV	31	>PTCH1-V111ILNGLVLLPV	18	13
>PTCH1-V111VLNGLVLL	18	>PTCH1-V111ILNGLVLL	15	3
>PTCH1-V111VLNGLVLLPV	16	>PTCH1-V111ILNGLVLLPV	11	5
>PTCH1-V111VLNGLVLLPV	32	>PTCH1-V111ILNGLVLLPV	25	7
>PTCH1-V111VLNGLVLL	543	>PTCH1-V111ILNGLVLL	344	199
>PTCH1-V111VLNGLVLLPV	76	>PTCH1-V111ILNGLVLLPV	51	25
>PTCH1-V111VLNGLVLLPV	605	>PTCH1-V111ILNGLVLLPV	395	210
>PTCH1-V111VLNGLVLL	6	>PTCH1-V111ILNGLVLL	7	1
>PTCH1-V111VLNGLVLLPV	2	>PTCH1-V111ILNGLVLLPV	2	0
>PTCH1-V111VLNGLVLLPV	6	>PTCH1-V111ILNGLVLLPV	7	1
>PTCH1-V111VLNGLVLL	59	>PTCH1-V111ILNGLVLL	84	25
>PTCH1-V111VLNGLVLLPV	6	>PTCH1-V111ILNGLVLLPV	7	1
>PTCH1-V111VLNGLVLLPV	69	>PTCH1-V111ILNGLVLLPV	95	26
>PTCH1-V111VLNGLVLL	14	>PTCH1-V111ILNGLVLL	20	6
>PTCH1-V111VLNGLVLLPV	5	>PTCH1-V111ILNGLVLLPV	5	0
>PTCH1-V111VLNGLVLLPV	11	>PTCH1-V111ILNGLVLLPV	15	4
>PTCH1-V111VLNGLVLL	18	>PTCH1-V111ILNGLVLL	18	0
>PTCH1-V111VLNGLVLLPV	4	>PTCH1-V111ILNGLVLLPV	4	0
>PTCH1-V111VLNGLVLLPV	11	>PTCH1-V111ILNGLVLLPV	11	0
>PTCH1-V111VLNGLVLL	2	>PTCH1-V111ILNGLVLL	3	1



>PTCH1-V11{VLNGLVLLPV	2	>PTCH1-V11{ILNGLVLLPV	2	0
>PTCH1-V11{VLNGLVLLPV	3	>PTCH1-V11{ILNGLVLLPVL	3	0
>PTCH1-V11{GVLNGLVLL	170	>PTCH1-V11{GILNGLVLL	87	83
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>PTCH1-V11{GVLNGLVLL	711	>PTCH1-V11{GILNGLVLL	329	382
>PTCH1-V11{GVLNGLVLLP	659	>PTCH1-V11{GILNGLVLLP\	315	344
>PTCH1-V11{GVLNGLVLLP	76	>PTCH1-V11{GILNGLVLLP\	41	35
>PTCH1-V11{GVLNGLVL	307	>PTCH1-V11{GILNGLVL	334	27
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>PTCH1-V11{GVLNGLVLLP	7	>PTCH1-V11{GILNGLVLLP\	8	1
>PTCH1-V11{GVLNGLVL	530	>PTCH1-V11{GILNGLVL	137	393
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>PTCH1-V11{GVLNGLVLL	156	>PTCH1-V11{GILNGLVLL	66	90
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>PTCH1-V11{GVLNGLVLL	101	>PTCH1-V11{GILNGLVLL	38	63
>PTCH1-V11{GVLNGLVLLP	11	>PTCH1-V11{GILNGLVLLP\	7	4
>PTCH1-V11{GVLNGLVLLP	140	>PTCH1-V11{GILNGLVLLP\	56	84
>PTCH1-V11{GVLNGLVL	629	>PTCH1-V11{GILNGLVL	179	450
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>PTCH1-V11{GVLNGLVLLP	167	>PTCH1-V11{GILNGLVLLP\	363	196
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>PTCH1-V11{AVLAILTILGV	31	>PTCH1-V11{AVLAILTILGI	149	118
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>PTCH1-V11{AVLAILTILGV	54	>PTCH1-V11{AVLAILTILGI	257	203
>PTCH1-V11{AVLAILTILGV	6	>PTCH1-V11{AVLAILTILGI	22	16
>PTCH1-V11{AVLAILTILGV	9	>PTCH1-V11{AVLAILTILGI	95	86
>PTCH1-V11{AVLAILTILGV	54	>PTCH1-V11{AVLAILTILGI	1114	1060
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>PTCH1-V11{AVLAILTILGV	15	>PTCH1-V11{AVLAILTILGI	779	764
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>PTCH1-V11{AVLAILTILGV	1730	>PTCH1-V11{AVLAILTILGI	98	1632
>PTCH1-V11{AVLAILTILGV	347	>PTCH1-V11{AVLAILTILGI	1563	1216
>PTCH1-V11{AVLAILTILGV	35	>PTCH1-V11{AVLAILTILGI	267	232
>PTCH1-V11{LGVLNGLVL	99	>PTCH1-V11{LGILNGLVL	56	43
>PTCH1-V11{ILGVLNGLVL	654	>PTCH1-V11{ILGILNGLVL	396	258
>PTCH1-V11{ILGVLNGLVLL	381	>PTCH1-V11{ILGILNGLVLL	374	7
>PTCH1-V11{ILGVLNGL	58	>PTCH1-V11{ILGILNGL	58	0
>PTCH1-V11{ILGVLNGLV	97	>PTCH1-V11{ILGILNGLV	121	24
>PTCH1-V11{ILGVLNGLVL	210	>PTCH1-V11{ILGILNGLVL	162	48

>PTCH1-V11{ILGVLNGLVLL	56	>PTCH1-V11{ILGILNGLVLL	63	7
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>PTCH1-V11{ILGVLNGLV	187	>PTCH1-V11{ILGILNGLV	154	33
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>PTCH1-V11{ILGVLNGLV	36	>PTCH1-V11{ILGILNGLV	16	20
>PTCH1-V11{ILGVLNGLVLL	303	>PTCH1-V11{ILGILNGLVLL	140	163
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>PTCH1-V11{ILGVLNGLVLL	143	>PTCH1-V11{ILGILNGLVLL	102	41
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>PTCH1-V11{ILGVLNGLV	260	>PTCH1-V11{ILGILNGLV	583	323
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>PTCH1-V11{ILGVLNGLVLL	77	>PTCH1-V11{ILGILNGLVLL	54	23
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>PTCH1-V11{TILGVLNGL	311	>PTCH1-V11{TILGILNGL	226	85
>PTCH1-V11{TILGVLNGLV	247	>PTCH1-V11{TILGILNGLV	199	48
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>PTCH1-V11{TILGVLNGLV	289	>PTCH1-V11{TILGILNGLV	282	7
>PTCH1-V11{TILGVLNGL	349	>PTCH1-V11{TILGILNGL	280	69
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>PTCH1-V11{TILGVLNGLVLL	339	>PTCH1-V11{TILGILNGLVLL	349	10
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>PTCH1-V11{TILGVLNGLVLL	173	>PTCH1-V11{TILGILNGLVLL	396	223
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>PTCH1-V11{TILGVLNGLV	27	>PTCH1-V11{TILGILNGLV	20	7
>PTCH1-V11{TILGVLNGLVI	464	>PTCH1-V11{TILGILNGLVL	594	130
>PTCH1-V11{LTILGVLNGL	210	>PTCH1-V11{LTILGILNGL	186	24
>PTCH1-V11{LTILGVLNGL	377	>PTCH1-V11{LTILGILNGL	341	36
>PTCH1-V11{LTILGVLNGL\	229	>PTCH1-V11{LTILGILNGLV	252	23
>PTCH1-V11{LTILGVLNGL	133	>PTCH1-V11{LTILGILNGL	134	1
>PTCH1-V11{LTILGVLNGL\	185	>PTCH1-V11{LTILGILNGLV	138	47
>PTCH1-V11{LTILGVLNGL	54	>PTCH1-V11{LTILGILNGL	56	2
>PTCH1-V11{LTILGVLNGL	213	>PTCH1-V11{LTILGILNGL	291	78
>PTCH1-V11{LTILGVLNGL	496	>PTCH1-V11{LTILGILNGL	425	71
>PTCH1-V11{LTILGVLNGL\	47	>PTCH1-V11{LTILGILNGLV	36	11
>PTCH1-V11{LTILGVLNGL\	218	>PTCH1-V11{LTILGILNGLV	212	6
>PTCH1-V11{LTILGVLNGL	16	>PTCH1-V11{LTILGILNGL	15	1
>PTCH1-V11{LTILGVLNGL\	431	>PTCH1-V11{LTILGILNGLV	438	7
>PTCH1-V11{LTILGVLNGL	76	>PTCH1-V11{LTILGILNGL	63	13
>PTCH1-V11{LTILGVLNGL\	290	>PTCH1-V11{LTILGILNGLV	310	20
>PTCH1-V11{ILTILGVL	230	>PTCH1-V11{ILTILGIL	250	20
>PTCH1-V11{ILTILGVLNGL	34	>PTCH1-V11{ILTILGILNGL	36	2
>PTCH1-V11{ILTILGVL	419	>PTCH1-V11{ILTILGIL	400	19
>PTCH1-V11{ILTILGVLNGL	203	>PTCH1-V11{ILTILGILNGL	199	4
>PTCH1-V11{ILTILGVLNGL	331	>PTCH1-V11{ILTILGILNGL	348	17
>PTCH1-V11{ILTILGVL	130	>PTCH1-V11{ILTILGIL	363	233
>PTCH1-V11{ILTILGVLNGL	39	>PTCH1-V11{ILTILGILNGL	50	11
>PTCH1-V11{ILTILGVLNGL	264	>PTCH1-V11{ILTILGILNGL	281	17
>PTCH1-V11{ILTILGVL	251	>PTCH1-V11{ILTILGIL	305	54
>PTCH1-V11{ILTILGVLNGL	42	>PTCH1-V11{ILTILGILNGL	52	10
>PTCH1-V11{ILTILGVL	17	>PTCH1-V11{ILTILGIL	24	7
>PTCH1-V11{ILTILGVLNGL	7	>PTCH1-V11{ILTILGILNGL	7	0
>PTCH1-V11{AILTILGV	35	>PTCH1-V11{AILTILGI	168	133
>PTCH1-V11{AILTILGV	249	>PTCH1-V11{AILTILGI	1004	755
>PTCH1-V11{AILTILGV	53	>PTCH1-V11{AILTILGI	291	238
>PTCH1-V11{AILTILGVL	538	>PTCH1-V11{AILTILGIL	482	56
>PTCH1-V11{AILTILGV	10	>PTCH1-V11{AILTILGI	50	40
>PTCH1-V11{AILTILGVL	338	>PTCH1-V11{AILTILGIL	395	57
>PTCH1-V11{AILTILGV	6	>PTCH1-V11{AILTILGI	52	46
>PTCH1-V11{AILTILGVL	460	>PTCH1-V11{AILTILGIL	1587	1127
>PTCH1-V11{AILTILGV	39	>PTCH1-V11{AILTILGI	776	737
>PTCH1-V11{AILTILGV	14	>PTCH1-V11{AILTILGI	295	281
>PTCH1-V11{AILTILGV	15	>PTCH1-V11{AILTILGI	665	650
>PTCH1-V11{AILTILGV	5	>PTCH1-V11{AILTILGI	313	308
>PTCH1-V11{AILTILGVL	441	>PTCH1-V11{AILTILGIL	787	346
>PTCH1-V11{AILTILGV	3820	>PTCH1-V11{AILTILGI	317	3503

>PTCH1-V11{AILTILGV	126	>PTCH1-V11{AILTILGI	1068	942
>PTCH1-V11{LAILTILGV	347	>PTCH1-V11{LAILTILGI	1381	1034
>PTCH1-V11{LAILTILGV	38	>PTCH1-V11{LAILTILGI	317	279
>PTCH1-V11{LAILTILGV	248	>PTCH1-V11{LAILTILGI	3136	2888
>PTCH1-V11{LAILTILGV	136	>PTCH1-V11{LAILTILGI	11751	11615
>PTCH1-V11{LAILTILGV	280	>PTCH1-V11{LAILTILGI	1613	1333
>PTCH1-V11{LAILTILGV	423	>PTCH1-V11{LAILTILGI	66	357
>PTCH1-V11{LAILTILGVL	205	>PTCH1-V11{LAILTILGIL	382	177
>PTCH1-V11{LAILTILGV	6526	>PTCH1-V11{LAILTILGI	297	6229
>PTCH1-V11{LAILTILGV	12875	>PTCH1-V11{LAILTILGI	432	12443
>PTCH1-V11{VLAILTILGV	39	>PTCH1-V11{VLAILTILGI	121	82
>PTCH1-V11{VLAILTILGVL	414	>PTCH1-V11{VLAILTILGIL	432	18
>PTCH1-V11{VLAILTILGV	54	>PTCH1-V11{VLAILTILGI	83	29
>PTCH1-V11{VLAILTILGVL	37	>PTCH1-V11{VLAILTILGIL	33	4
>PTCH1-V11{VLAILTILGV	24	>PTCH1-V11{VLAILTILGI	65	41
>PTCH1-V11{VLAILTILGVL	58	>PTCH1-V11{VLAILTILGIL	53	5
>PTCH1-V11{VLAILTILGV	83	>PTCH1-V11{VLAILTILGI	205	122
>PTCH1-V11{VLAILTILGV	2	>PTCH1-V11{VLAILTILGI	10	8
>PTCH1-V11{VLAILTILGVL	43	>PTCH1-V11{VLAILTILGIL	116	73
>PTCH1-V11{VLAILTILGV	12	>PTCH1-V11{VLAILTILGI	161	149
>PTCH1-V11{VLAILTILGVL	416	>PTCH1-V11{VLAILTILGIL	526	110
>PTCH1-V11{VLAILTILGV	4	>PTCH1-V11{VLAILTILGI	12	8
>PTCH1-V11{VLAILTILGVL	51	>PTCH1-V11{VLAILTILGIL	63	12
>PTCH1-V11{VLAILTILGV	4	>PTCH1-V11{VLAILTILGI	50	46
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>PTCH1-V11{VLAILTILGV	2	>PTCH1-V11{VLAILTILGI	8	6
>PTCH1-V11{VLAILTILGVL	10	>PTCH1-V11{VLAILTILGIL	14	4
>PTCH1-V11{VLAILTILGV	339	>PTCH1-V11{VLAILTILGI	1113	774
>PTCH1-V43{VIRVASGYLLM	487	>PTCH1-V43{AIRVASGYLLM	1458	971
>PTCH1-V43{VIRVASGY	1015	>PTCH1-V43{AIRVASGY	105	910
>PTCH1-V43{VIRVASGYL	31	>PTCH1-V43{AIRVASGYL	6	25
>PTCH1-V43{VIRVASGYLL	123	>PTCH1-V43{AIRVASGYLL	15	108
>PTCH1-V43{VIRVASGYLLM	44	>PTCH1-V43{AIRVASGYLLM	8	36
>PTCH1-V43{VIRVASGY	81	>PTCH1-V43{AIRVASGY	132	51
>PTCH1-V43{VIRVASGY	144	>PTCH1-V43{AIRVASGY	107	37
>PTCH1-V43{VIRVASGY	161	>PTCH1-V43{AIRVASGY	233	72
>PTCH1-V43{VIRVASGY	66	>PTCH1-V43{AIRVASGY	45	21
>PTCH1-V43{VIRVASGYLLM	158	>PTCH1-V43{AIRVASGYLLM	262	104
>PTCH1-V43{SVIRVASGYL	316	>PTCH1-V43{SAIRVASGYL	822	506
>PTCH1-V43{SVIRVASGYLL	188	>PTCH1-V43{SAIRVASGYLL	859	671
>PTCH1-V43{SVIRVASGYL	139	>PTCH1-V43{SAIRVASGYL	434	295
>PTCH1-V43{SVIRVASGYLL	138	>PTCH1-V43{SAIRVASGYLL	682	544
>PTCH1-V43{SVIRVASGYL	481	>PTCH1-V43{SAIRVASGYL	2346	1865

>PTCH1-V43!SVIRVASGY	115	>PTCH1-V43!SAIRVASGY	959	844
>PTCH1-V43!SVIRVASGY	12	>PTCH1-V43!SAIRVASGY	119	107
>PTCH1-V43!SVIRVASGY	7	>PTCH1-V43!SAIRVASGY	108	101
>PTCH1-V43!SVIRVASGYL	59	>PTCH1-V43!SAIRVASGYL	1557	1498
>PTCH1-V43!SVIRVASGYLL	305	>PTCH1-V43!SAIRVASGYLL	7094	6789
>PTCH1-V43!SVIRVASGY	103	>PTCH1-V43!SAIRVASGY	1289	1186
>PTCH1-V43!SVIRVASGY	97	>PTCH1-V43!SAIRVASGY	807	710
>PTCH1-V43!SVIRVASGY	113	>PTCH1-V43!SAIRVASGY	206	93
>PTCH1-V43!SVIRVASGY	86	>PTCH1-V43!SAIRVASGY	200	114
>PTCH1-V43!SVIRVASGYL	132	>PTCH1-V43!SAIRVASGYL	290	158
>PTCH1-V43!SVIRVASGYLL	33	>PTCH1-V43!SAIRVASGYLL	151	118
>PTCH1-V43!SVIRVASGYL	223	>PTCH1-V43!SAIRVASGYL	614	391
>PTCH1-V43!SVIRVASGY	24	>PTCH1-V43!SAIRVASGY	490	466
>PTCH1-V43!SVIRVASGY	163	>PTCH1-V43!SAIRVASGY	248	85
>PTCH1-V43!SVIRVASGY	389	>PTCH1-V43!SAIRVASGY	1415	1026
>PTCH1-V43!SVIRVASGY	349	>PTCH1-V43!SAIRVASGY	37	312
>PTCH1-V43!SVIRVASGY	1560	>PTCH1-V43!SAIRVASGY	203	1357
>PTCH1-V43!SVIRVASGY	11	>PTCH1-V43!SAIRVASGY	17	6
>PTCH1-V43!SVIRVASGYL	274	>PTCH1-V43!SAIRVASGYL	511	237
>PTCH1-V43!SVIRVASGYLL	231	>PTCH1-V43!SAIRVASGYLL	400	169
>PTCH1-V43!DILKSFSDVSV	471	>PTCH1-V43!DILKSFSDVSA	11693	11222
>PTCH1-V43!DILKSFSDVSV	433	>PTCH1-V43!DILKSFSDVSA	13869	13436
>PTCH1-V43!DILKSFSDVSV	379	>PTCH1-V43!DILKSFSDVSA	4100	3721
>PTCH1-V43!DILKSFSDVSV	69	>PTCH1-V43!DILKSFSDVSA	2207	2138
>PTCH1-V43!VSVIRVASGY	127	>PTCH1-V43!VSAIRVASGY	419	292
>PTCH1-V43!VSVIRVASGY	236	>PTCH1-V43!VSAIRVASGY	52	184
>PTCH1-V43!VSVIRVASGY	353	>PTCH1-V43!VSAIRVASGY	1496	1143
>PTCH1-V43!VSVIRVASGY	848	>PTCH1-V43!VSAIRVASGY	461	387
>PTCH1-V43!VSVIRVASGY	36	>PTCH1-V43!VSAIRVASGY	33	3
>PTCH1-V43!VSVIRVASGY	352	>PTCH1-V43!VSAIRVASGY	272	80
>PTCH1-V43!VSVIRVASGY	3	>PTCH1-V43!VSAIRVASGY	4	1
>PTCH1-V43!VSVIRVASGY	7	>PTCH1-V43!VSAIRVASGY	10	3
>PTCH1-V43!VSVIRVASGY	679	>PTCH1-V43!VSAIRVASGY	371	308
>PTCH1-V43!VSVIRVASGY	226	>PTCH1-V43!VSAIRVASGY	73	153
>PTCH1-V43!VSVIRVASGY	48	>PTCH1-V43!VSAIRVASGY	30	18
>PTCH1-V43!DVSIRVASG	91	>PTCH1-V43!DVSIRVASG	40	51
>PTCH1-V43!DVSIRVASG	362	>PTCH1-V43!DVSIRVASG	157	205
>PTCH1-V43!DVSIRVASG	608	>PTCH1-V43!DVSIRVASG	439	169
>PTCH1-V43!DVSIRVASG	187	>PTCH1-V43!DVSIRVASG	183	4
>PTCH1-V43!DVSIRVASG	73	>PTCH1-V43!DVSIRVASG	55	18
>PTCH1-V43!DVSIRVA	361	>PTCH1-V43!DVSIRVA	179	182
>PTCH1-V43!DVSIRVAS	311	>PTCH1-V43!DVSIRVAS	68	243
>PTCH1-V43!DVSIRVASG	503	>PTCH1-V43!DVSIRVASG	345	158

>PTCH1-V43!SDVSVIRV	277	>PTCH1-V43!SDVSAIRV	140	137
>PTCH1-V43!FSDVSVIRV	89	>PTCH1-V43!FSDVSAIRV	68	21
>PTCH1-V43!FSDVSVIRV	483	>PTCH1-V43!FSDVSAIRV	3131	2648
>PTCH1-V43!FSDVSVIRV	223	>PTCH1-V43!FSDVSAIRV	323	100
>PTCH1-V43!FSDVSVIRV	169	>PTCH1-V43!FSDVSAIRV	769	600
>PTCH1-V43!FSDVSVIR	151	>PTCH1-V43!FSDVSAIR	112	39
>PTCH1-V43!FSDVSVIRV	346	>PTCH1-V43!FSDVSAIRV	214	132
>PTCH1-V43!FSDVSVIRV	188	>PTCH1-V43!FSDVSAIRV	103	85
>PTCH1-V43!SFSDVSVI	543	>PTCH1-V43!SFSDVSAI	306	237
>PTCH1-V43!SFSDVSVI	1180	>PTCH1-V43!SFSDVSAI	392	788
>PTCH1-V43!SFSDVSVIRV	338	>PTCH1-V43!SFSDVSAIRV	608	270
>PTCH1-V43!SFSDVSVIRV	202	>PTCH1-V43!SFSDVSAIRV	470	268
>PTCH1-V43!SFSDVSVIRV	94	>PTCH1-V43!SFSDVSAIRV	130	36
>PTCH1-V43!SFSDVSVI	372	>PTCH1-V43!SFSDVSAI	647	275
>PTCH1-V43!SFSDVSVIR	46	>PTCH1-V43!SFSDVSAIR	34	12
>PTCH1-V43!SFSDVSVIR	344	>PTCH1-V43!SFSDVSAIR	177	167
>PTCH1-V43!SFSDVSVIR	85	>PTCH1-V43!SFSDVSAIR	69	16
>PTCH1-V43!SFSDVSVIR	78	>PTCH1-V43!SFSDVSAIR	169	91
>PTCH1-V43!SFSDVSVI	811	>PTCH1-V43!SFSDVSAI	422	389
>PTCH1-V43!KSFSDVSV	498	>PTCH1-V43!KSFSDVSA	6522	6024
>PTCH1-V43!KSFSDVSVIR\	410	>PTCH1-V43!KSFSDVSAIR\	892	482
>PTCH1-V43!KSFSDVSV	347	>PTCH1-V43!KSFSDVSA	2680	2333
>PTCH1-V43!KSFSDVSVI	1680	>PTCH1-V43!KSFSDVSAI	499	1181
>PTCH1-V43!KSFSDVSV	185	>PTCH1-V43!KSFSDVSA	1707	1522
>PTCH1-V43!KSFSDVSV	415	>PTCH1-V43!KSFSDVSA	8832	8417
>PTCH1-V43!KSFSDVSVIR\	160	>PTCH1-V43!KSFSDVSAIR\	310	150
>PTCH1-V43!KSFSDVSVIR	86	>PTCH1-V43!KSFSDVSAIR	227	141
>PTCH1-V43!KSFSDVSV	431	>PTCH1-V43!KSFSDVSA	221	210
>PTCH1-V43!KSFSDVSVI	797	>PTCH1-V43!KSFSDVSAI	477	320
>PTCH1-V43!KSFSDVSVIR\	322	>PTCH1-V43!KSFSDVSAIR\	353	31
>PTCH1-V43!KSFSDVSVIR	37	>PTCH1-V43!KSFSDVSAIR	30	7
>PTCH1-V43!KSFSDVSV	76	>PTCH1-V43!KSFSDVSA	363	287
>PTCH1-V43!KSFSDVSVI	27	>PTCH1-V43!KSFSDVSAI	13	14
>PTCH1-V43!KSFSDVSVIR\	300	>PTCH1-V43!KSFSDVSAIR\	301	1
>PTCH1-V43!KSFSDVSVIR	49	>PTCH1-V43!KSFSDVSAIR	43	6
>PTCH1-V43!KSFSDVSV	32	>PTCH1-V43!KSFSDVSA	208	176
>PTCH1-V43!KSFSDVSVI	16	>PTCH1-V43!KSFSDVSAI	9	7
>PTCH1-V43!KSFSDVSVIR	171	>PTCH1-V43!KSFSDVSAIR	263	92
>PTCH1-V43!KSFSDVSVIR\	99	>PTCH1-V43!KSFSDVSAIR\	118	19
>PTCH1-V43!KSFSDVSV	66	>PTCH1-V43!KSFSDVSA	940	874
>PTCH1-V43!KSFSDVSVI	10	>PTCH1-V43!KSFSDVSAI	11	1
>PTCH1-V43!KSFSDVSVIR\	30	>PTCH1-V43!KSFSDVSAIR\	24	6
>PTCH1-V43!KSFSDVSVI	32	>PTCH1-V43!KSFSDVSAI	106	74

>PTCH1-V43!KSFSDVSVI	7	>PTCH1-V43!KSFSDVSAI	19	12
>PTCH1-V43!KSFSDVSVIR\	89	>PTCH1-V43!KSFSDVSAIR\	64	25
>PTCH1-V43!KSFSDVSVIR	307	>PTCH1-V43!KSFSDVSAIR	576	269
>PTCH1-V43!KSFSDVSVIR	89	>PTCH1-V43!KSFSDVSAIR	133	44
>PTCH1-V43!KSFSDVSV	171	>PTCH1-V43!KSFSDVSA	1338	1167
>PTCH1-V43!KSFSDVSVI	7	>PTCH1-V43!KSFSDVSAI	8	1
>PTCH1-V43!KSFSDVSVIR\	406	>PTCH1-V43!KSFSDVSAIR\	356	50
>PTCH1-V43!LKSFSFDVSV	37	>PTCH1-V43!LKSFSFDVSA	246	209
>PTCH1-V43!LKSFSFDVSVI	21	>PTCH1-V43!LKSFSFDVSAI	13	8
>PTCH1-V43!LKSFSFDVSVIR	314	>PTCH1-V43!LKSFSFDVSAIR	551	237
>PTCH1-V43!LKSFSFDVSVI	373	>PTCH1-V43!LKSFSFDVSAI	927	554
>PTCH1-V43!ILKSFSFDVSV	88	>PTCH1-V43!ILKSFSFDVSA	1037	949
>PTCH1-V43!ILKSFSFDVSV	12	>PTCH1-V43!ILKSFSFDVSA	39	27
>PTCH1-V43!ILKSFSFDVSVI	99	>PTCH1-V43!ILKSFSFDVSAI	33	66
>PTCH1-V43!ILKSFSFDVSV	13	>PTCH1-V43!ILKSFSFDVSA	49	36
>PTCH1-V43!ILKSFSFDVSVI	11	>PTCH1-V43!ILKSFSFDVSAI	7	4
>PTCH1-V43!ILKSFSFDVSV	28	>PTCH1-V43!ILKSFSFDVSA	1488	1460
>PTCH1-V43!ILKSFSFDVSVI	213	>PTCH1-V43!ILKSFSFDVSAI	97	116
>PTCH1-V43!ILKSFSFDVSV	46	>PTCH1-V43!ILKSFSFDVSA	2489	2443
>PTCH1-V43!ILKSFSFDVSVI	549	>PTCH1-V43!ILKSFSFDVSAI	243	306
>PTCH1-V43!ILKSFSFDVSV	139	>PTCH1-V43!ILKSFSFDVSA	7136	6997
>PTCH1-V43!ILKSFSFDVSV	238	>PTCH1-V43!ILKSFSFDVSA	9091	8853
>PTCH1-V43!ILKSFSFDVSV	3	>PTCH1-V43!ILKSFSFDVSA	79	76
>PTCH1-V43!ILKSFSFDVSVI	91	>PTCH1-V43!ILKSFSFDVSAI	73	18
>PTCH1-V43!ILKSFSFDVSVI	424	>PTCH1-V43!ILKSFSFDVSAI	444	20
>PTCH1-V43!ILKSFSFDVSV	187	>PTCH1-V43!ILKSFSFDVSA	719	532
>PTCH1-V43!ILKSFSFDVSVI	100	>PTCH1-V43!ILKSFSFDVSAI	67	33
>PTCH1-V43!ILKSFSFDVSVI	304	>PTCH1-V43!ILKSFSFDVSAI	988	684
>PTCH1-V47!VLLVALSV	22	>PTCH1-V47!ILLVALSV	20	2
>PTCH1-V47!VLLVALSVA	811	>PTCH1-V47!ILLVALSVA	497	314
>PTCH1-V47!VLLVALSVAA	328	>PTCH1-V47!ILLVALSVAA	185	143
>PTCH1-V47!VLLVALSV	136	>PTCH1-V47!ILLVALSV	71	65
>PTCH1-V47!VLLVALSVAA	479	>PTCH1-V47!ILLVALSVAA	194	285
>PTCH1-V47!VLLVALSV	53	>PTCH1-V47!ILLVALSV	41	12
>PTCH1-V47!VLLVALSVA	126	>PTCH1-V47!ILLVALSVA	91	35
>PTCH1-V47!VLLVALSVAA	383	>PTCH1-V47!ILLVALSVAA	170	213
>PTCH1-V47!VLLVALSV	19	>PTCH1-V47!ILLVALSV	15	4
>PTCH1-V47!VLLVALSVA	180	>PTCH1-V47!ILLVALSVA	117	63
>PTCH1-V47!VLLVALSVAA	259	>PTCH1-V47!ILLVALSVAA	138	121
>PTCH1-V47!VLLVALSV	2	>PTCH1-V47!ILLVALSV	3	1
>PTCH1-V47!VLLVALSVA	54	>PTCH1-V47!ILLVALSVA	66	12
>PTCH1-V47!VLLVALSVAA	21	>PTCH1-V47!ILLVALSVAA	25	4
>PTCH1-V47!VLLVALSV	6	>PTCH1-V47!ILLVALSV	7	1

>PTCH1-V47·VLLVALSVA	113	>PTCH1-V47·ILLVALSVA	150	37
>PTCH1-V47·VLLVALSVAA	57	>PTCH1-V47·ILLVALSVAA	73	16
>PTCH1-V47·VLLVALSV	5	>PTCH1-V47·ILLVALSV	5	0
>PTCH1-V47·VLLVALSVA	46	>PTCH1-V47·ILLVALSVA	84	38
>PTCH1-V47·VLLVALSVAA	30	>PTCH1-V47·ILLVALSVAA	51	21
>PTCH1-V47·VLLVALSV	3	>PTCH1-V47·ILLVALSV	2	1
>PTCH1-V47·VLLVALSVA	84	>PTCH1-V47·ILLVALSVA	82	2
>PTCH1-V47·VLLVALSVAA	63	>PTCH1-V47·ILLVALSVAA	64	1
>PTCH1-V47·VLLVALSV	2	>PTCH1-V47·ILLVALSV	2	0
>PTCH1-V47·VLLVALSVA	19	>PTCH1-V47·ILLVALSVA	25	6
>PTCH1-V47·VLLVALSVAA	18	>PTCH1-V47·ILLVALSVAA	24	6
>PTCH1-V47·GVLLVALSV	614	>PTCH1-V47·GILLVALSV	317	297
>PTCH1-V47·GVLLVALSV	51	>PTCH1-V47·GILLVALSV	61	10
>PTCH1-V47·GVLLVALSVA	358	>PTCH1-V47·GILLVALSVA	440	82
>PTCH1-V47·GVLLVALSV	69	>PTCH1-V47·GILLVALSV	19	50
>PTCH1-V47·GVLLVALSV	317	>PTCH1-V47·GILLVALSV	137	180
>PTCH1-V47·GVLLVALSV	33	>PTCH1-V47·GILLVALSV	17	16
>PTCH1-V47·GVLLVALSV	1192	>PTCH1-V47·GILLVALSV	423	769
>PTCH1-V47·GVLLVALSV	134	>PTCH1-V47·GILLVALSV	39	95
>PTCH1-V47·KSQGAVGLA	361	>PTCH1-V47·KSQGAVGLA	2073	1712
>PTCH1-V47·KSQGAVGLA	4470	>PTCH1-V47·KSQGAVGLA	371	4099
>PTCH1-V47·KSQGAVGLA	84	>PTCH1-V47·KSQGAVGLA	18	66
>PTCH1-V47·KSQGAVGLA	6782	>PTCH1-V47·KSQGAVGLA	149	6633
>PTCH1-V47·KSQGAVGLA	2533	>PTCH1-V47·KSQGAVGLA	35	2498
>PTCH1-V47·LAGVLLVALSV	633	>PTCH1-V47·LAGILLVALSV	403	230
>PTCH1-V47·GLAGVLLV	12	>PTCH1-V47·GLAGILLV	11	1
>PTCH1-V47·GLAGVLLVA	91	>PTCH1-V47·GLAGILLVA	70	21
>PTCH1-V47·GLAGVLLVAL	142	>PTCH1-V47·GLAGILLVAL	122	20
>PTCH1-V47·GLAGVLLV	4	>PTCH1-V47·GLAGILLV	3	1
>PTCH1-V47·GLAGVLLVA	20	>PTCH1-V47·GLAGILLVA	9	11
>PTCH1-V47·GLAGVLLVAL	17	>PTCH1-V47·GLAGILLVAL	16	1
>PTCH1-V47·GLAGVLLVAL	54	>PTCH1-V47·GLAGILLVALS	28	26
>PTCH1-V47·GLAGVLLV	4	>PTCH1-V47·GLAGILLV	4	0
>PTCH1-V47·GLAGVLLVA	14	>PTCH1-V47·GLAGILLVA	12	2
>PTCH1-V47·GLAGVLLVAL	65	>PTCH1-V47·GLAGILLVAL	53	12
>PTCH1-V47·GLAGVLLVAL	182	>PTCH1-V47·GLAGILLVALS	145	37
>PTCH1-V47·GLAGVLLV	21	>PTCH1-V47·GLAGILLV	16	5
>PTCH1-V47·GLAGVLLVA	286	>PTCH1-V47·GLAGILLVA	288	2
>PTCH1-V47·GLAGVLLVAL	229	>PTCH1-V47·GLAGILLVAL	194	35
>PTCH1-V47·GLAGVLLV	2	>PTCH1-V47·GLAGILLV	3	1
>PTCH1-V47·GLAGVLLVA	18	>PTCH1-V47·GLAGILLVA	50	32
>PTCH1-V47·GLAGVLLVAL	7	>PTCH1-V47·GLAGILLVAL	10	3
>PTCH1-V47·GLAGVLLV	7	>PTCH1-V47·GLAGILLV	7	0



>PTCH1-V47:GLAGVLLVA	244	>PTCH1-V47:GLAGILLVA	284	40
>PTCH1-V47:GLAGVLLVAL	12	>PTCH1-V47:GLAGILLVAL	15	3
>PTCH1-V47:GLAGVLLV	4	>PTCH1-V47:GLAGILLV	4	0
>PTCH1-V47:GLAGVLLVA	16	>PTCH1-V47:GLAGILLVA	25	9
>PTCH1-V47:GLAGVLLVAL	10	>PTCH1-V47:GLAGILLVAL	11	1
>PTCH1-V47:GLAGVLLV	6	>PTCH1-V47:GLAGILLV	5	1
>PTCH1-V47:GLAGVLLVA	840	>PTCH1-V47:GLAGILLVA	486	354
>PTCH1-V47:GLAGVLLVAL	61	>PTCH1-V47:GLAGILLVAL	40	21
>PTCH1-V47:GLAGVLLV	2	>PTCH1-V47:GLAGILLV	2	0
>PTCH1-V47:GLAGVLLVA	7	>PTCH1-V47:GLAGILLVA	7	0
>PTCH1-V47:GLAGVLLVAL	3	>PTCH1-V47:GLAGILLVAL	3	0
>PTCH1-V47:GLAGVLLVAL	502	>PTCH1-V47:GLAGILLVALS	357	145
>PTCH1-V47:GLAGVLLVAL	396	>PTCH1-V47:GLAGILLVAL	248	148
>PTCH1-V47:VGLAGVLLV	291	>PTCH1-V47:VGLAGILLV	129	162
>PTCH1-V47:VGLAGVLLV	511	>PTCH1-V47:VGLAGILLV	319	192
>PTCH1-V47:VGLAGVLLV	245	>PTCH1-V47:VGLAGILLV	241	4
>PTCH1-V47:AVGLAGVLLV	503	>PTCH1-V47:AVGLAGILLV	326	177
>PTCH1-V47:AVGLAGVLLV	189	>PTCH1-V47:AVGLAGILLV	128	61
>PTCH1-V47:AVGLAGVLLV	816	>PTCH1-V47:AVGLAGILLV	367	449
>PTCH1-V47:AVGLAGVLLV	590	>PTCH1-V47:AVGLAGILLV	460	130
>PTCH1-V47:AVGLAGVLLV	173	>PTCH1-V47:AVGLAGILLV	165	8
>PTCH1-V47:AVGLAGVLLV	50	>PTCH1-V47:AVGLAGILLV	48	2
>PTCH1-V47:GAVGLAGV	317	>PTCH1-V47:GAVGLAGI	1551	1234
>PTCH1-V47:GAVGLAGV	99	>PTCH1-V47:GAVGLAGI	527	428
>PTCH1-V47:GAVGLAGVLI	242	>PTCH1-V47:GAVGLAGILL'	177	65
>PTCH1-V47:GAVGLAGV	392	>PTCH1-V47:GAVGLAGI	4230	3838
>PTCH1-V47:GAVGLAGV	162	>PTCH1-V47:GAVGLAGI	10999	10837
>PTCH1-V47:GAVGLAGVLI	492	>PTCH1-V47:GAVGLAGILL'	372	120
>PTCH1-V47:GAVGLAGV	3146	>PTCH1-V47:GAVGLAGI	443	2703
>PTCH1-V47:GAVGLAGVL	447	>PTCH1-V47:GAVGLAGIL	1248	801
>PTCH1-V47:GAVGLAGVL	211	>PTCH1-V47:GAVGLAGIL	235	24
>PTCH1-V47:QGAVGLAGV	364	>PTCH1-V47:QGAVGLAGI	2248	1884
>PTCH1-V47:SQGAVGLAG'	237	>PTCH1-V47:SQGAVGLAG	610	373
>PTCH1-V47:SQGAVGLAG'	30	>PTCH1-V47:SQGAVGLAG	92	62
>PTCH1-V47:SQGAVGLAG'	143	>PTCH1-V47:SQGAVGLAG	587	444
>PTCH1-V47:SQGAVGLAG'	30	>PTCH1-V47:SQGAVGLAG	405	375
>PTCH1-V47:SQGAVGLAG'	105	>PTCH1-V47:SQGAVGLAG	1076	971
>PTCH1-V47:SQGAVGLAG'	43	>PTCH1-V47:SQGAVGLAG	1210	1167
>PTCH1-V47:SQGAVGLAG'	535	>PTCH1-V47:SQGAVGLAG	460	75
>PTCH1-V47:SQGAVGLAG'	152	>PTCH1-V47:SQGAVGLAG	648	496
>PTCH1-V47:SQGAVGLAG'	170	>PTCH1-V47:SQGAVGLAG	381	211
>PTCH1-V76:VSLYGTTRVR	733	>PTCH1-V76:ISLYGTTRVR	334	399
>PTCH1-V76:VSLYGTTR	47	>PTCH1-V76:ISLYGTTR	30	17

>PTCH1-V76:VSLYGTTRVR	152	>PTCH1-V76:ISLYGTTRVR	116	36
>PTCH1-V76:VSLYGTTR	490	>PTCH1-V76:ISLYGTTR	193	297
>PTCH1-V76:VSLYGTTR	545	>PTCH1-V76:ISLYGTTR	133	412
>PTCH1-V76:VSLYGTTRV	105	>PTCH1-V76:ISLYGTTRV	57	48
>PTCH1-V76:VSLYGTTRV	165	>PTCH1-V76:ISLYGTTRV	89	76
>PTCH1-V76:GVSLYGTTRV	438	>PTCH1-V76:GISLYGTTRV	275	163
>PTCH1-V76:GVSLYGTTRV	158	>PTCH1-V76:GISLYGTTRV	94	64
>PTCH1-V76:GVSLYGTTRV	1410	>PTCH1-V76:GISLYGTTRV	426	984
>PTCH1-V76:GVSLYGTTRV	1011	>PTCH1-V76:GISLYGTTRV	291	720
>PTCH1-V76:GVSLYGTTRV	48	>PTCH1-V76:GISLYGTTRV	18	30
>PTCH1-V76:GVSLYGTTR	135	>PTCH1-V76:GISLYGTTR	243	108
>PTCH1-V76:GVSLYGTTRV	471	>PTCH1-V76:GISLYGTTRVF	804	333
>PTCH1-V76:GVSLYGTTR	464	>PTCH1-V76:GISLYGTTR	826	362
>PTCH1-V76:VIFLFLGLLGV	83	>PTCH1-V76:VIFLFLGLLGI	78	5
>PTCH1-V76:VIFLFLGLLGV	48	>PTCH1-V76:VIFLFLGLLGI	275	227
>PTCH1-V76:VIFLFLGLLGV	198	>PTCH1-V76:VIFLFLGLLGI	727	529
>PTCH1-V76:VIFLFLGLLGV	34	>PTCH1-V76:VIFLFLGLLGI	132	98
>PTCH1-V76:VIFLFLGLLGV	38	>PTCH1-V76:VIFLFLGLLGI	226	188
>PTCH1-V76:VIFLFLGLLGV	6	>PTCH1-V76:VIFLFLGLLGI	58	52
>PTCH1-V76:VIFLFLGLLGV	207	>PTCH1-V76:VIFLFLGLLGI	2441	2234
>PTCH1-V76:VIFLFLGLLGV	23	>PTCH1-V76:VIFLFLGLLGI	909	886
>PTCH1-V76:VIFLFLGLLGV	112	>PTCH1-V76:VIFLFLGLLGI	4290	4178
>PTCH1-V76:VIFLFLGLLGV	7	>PTCH1-V76:VIFLFLGLLGI	541	534
>PTCH1-V76:VIFLFLGLLGV	221	>PTCH1-V76:VIFLFLGLLGI	1370	1149
>PTCH1-V76:LLGVSLYGT	379	>PTCH1-V76:LLGISLYGT	342	37
>PTCH1-V76:LLGVSLYGTT	279	>PTCH1-V76:LLGISLYGTT	237	42
>PTCH1-V76:LLGVSLYGT	264	>PTCH1-V76:LLGISLYGT	89	175
>PTCH1-V76:LLGVSLYGTT	879	>PTCH1-V76:LLGISLYGTT	399	480
>PTCH1-V76:LLGVSLYGT	237	>PTCH1-V76:LLGISLYGT	374	137
>PTCH1-V76:LLGVSLYGT	497	>PTCH1-V76:LLGISLYGT	1221	724
>PTCH1-V76:LLGVSLYGT	54	>PTCH1-V76:LLGISLYGT	34	20
>PTCH1-V76:LLGVSLYGTT	271	>PTCH1-V76:LLGISLYGTT	180	91
>PTCH1-V76:LLGVSLYGTTF	151	>PTCH1-V76:LLGISLYGTTR	176	25
>PTCH1-V76:GLLGVSLYGT	101	>PTCH1-V76:GLLGISLYGT	85	16
>PTCH1-V76:GLLGVSLYG	1400	>PTCH1-V76:GLLGISLYG	470	930
>PTCH1-V76:GLLGVSLYGT	88	>PTCH1-V76:GLLGISLYGT	74	14
>PTCH1-V76:GLLGVSLYGT	144	>PTCH1-V76:GLLGISLYGT	120	24
>PTCH1-V76:GLLGVSLYGT	145	>PTCH1-V76:GLLGISLYGT	122	23
>PTCH1-V76:GLLGVSLYG	46	>PTCH1-V76:GLLGISLYG	131	85
>PTCH1-V76:GLLGVSLYGT	12	>PTCH1-V76:GLLGISLYGT	17	5
>PTCH1-V76:GLLGVSLYGT	33	>PTCH1-V76:GLLGISLYGTT	62	29
>PTCH1-V76:GLLGVSLYGT	47	>PTCH1-V76:GLLGISLYGT	53	6
>PTCH1-V76:GLLGVSLYG	209	>PTCH1-V76:GLLGISLYG	400	191

>PTCH1-V76: GLLGVSlyGT	28	>PTCH1-V76: GLLGISlyGT	37	9
>PTCH1-V76: GLLGVSlyGT	84	>PTCH1-V76: GLLGISlyGTT	128	44
>PTCH1-V76: GLLGVSlyGT	142	>PTCH1-V76: GLLGISlyGT	105	37
>PTCH1-V76: GLLGVSlyGT	36	>PTCH1-V76: GLLGISlyGT	26	10
>PTCH1-V76: GLLGVSlyGT	150	>PTCH1-V76: GLLGISlyGTT	114	36
>PTCH1-V76: GLLGVSly	217	>PTCH1-V76: GLLGISly	244	27
>PTCH1-V76: GLLGVSly	13	>PTCH1-V76: GLLGISly	10	3
>PTCH1-V76: GLLGVSly	209	>PTCH1-V76: GLLGISly	127	82
>PTCH1-V76: GLLGVSly	250	>PTCH1-V76: GLLGISly	162	88
>PTCH1-V76: GLLGVSly	391	>PTCH1-V76: GLLGISly	644	253
>PTCH1-V76: GLLGVSly	109	>PTCH1-V76: GLLGISly	134	25
>PTCH1-V76: GLLGVSly	381	>PTCH1-V76: GLLGISly	620	239
>PTCH1-V76: LGLLGVSly	225	>PTCH1-V76: LGLLGISly	208	17
>PTCH1-V76: LGLLGVSly	411	>PTCH1-V76: LGLLGISly	257	154
>PTCH1-V76: LGLLGVSly	232	>PTCH1-V76: LGLLGISly	286	54
>PTCH1-V76: LGLLGVSly	12	>PTCH1-V76: LGLLGISly	12	0
>PTCH1-V76: FLGLLGVSly	288	>PTCH1-V76: FLGLLGISly	252	36
>PTCH1-V76: FLGLLGVSL	98	>PTCH1-V76: FLGLLGISL	86	12
>PTCH1-V76: FLGLLGVSL	30	>PTCH1-V76: FLGLLGISL	56	26
>PTCH1-V76: FLGLLGVSlyC	454	>PTCH1-V76: FLGLLGISlyG	399	55
>PTCH1-V76: FLGLLGVSL	172	>PTCH1-V76: FLGLLGISL	227	55
>PTCH1-V76: FLGLLGVSL	13	>PTCH1-V76: FLGLLGISL	11	2
>PTCH1-V76: FLGLLGVSlyC	394	>PTCH1-V76: FLGLLGISlyG	528	134
>PTCH1-V76: FLGLLGVSL	16	>PTCH1-V76: FLGLLGISL	18	2
>PTCH1-V76: FLGLLGVSL	15	>PTCH1-V76: FLGLLGISL	15	0
>PTCH1-V76: FLGLLGVSL	47	>PTCH1-V76: FLGLLGISL	63	16
>PTCH1-V76: FLGLLGVSL	4	>PTCH1-V76: FLGLLGISL	4	0
>PTCH1-V76: FLGLLGVSly	293	>PTCH1-V76: FLGLLGISly	320	27
>PTCH1-V76: FLGLLGVSly	110	>PTCH1-V76: FLGLLGISly	98	12
>PTCH1-V76: FLGLLGVSly	40	>PTCH1-V76: FLGLLGISly	37	3
>PTCH1-V76: FLGLLGVSly	156	>PTCH1-V76: FLGLLGISly	220	64
>PTCH1-V76: FLGLLGVSly	127	>PTCH1-V76: FLGLLGISly	138	11
>PTCH1-V76: FLGLLGVSly	506	>PTCH1-V76: FLGLLGISly	304	202
>PTCH1-V76: LFLGLLGV	130	>PTCH1-V76: LFLGLLGI	1985	1855
>PTCH1-V76: LFLGLLGV	224	>PTCH1-V76: LFLGLLGI	4803	4579
>PTCH1-V76: LFLGLLGV	69	>PTCH1-V76: LFLGLLGI	7567	7498
>PTCH1-V76: LFLGLLGV	1477	>PTCH1-V76: LFLGLLGI	34	1443
>PTCH1-V76: LFLGLLGVSL	20	>PTCH1-V76: LFLGLLGISL	33	13
>PTCH1-V76: LFLGLLGVSly	7	>PTCH1-V76: LFLGLLGISly	7	0
>PTCH1-V76: LFLGLLGVSly	288	>PTCH1-V76: LFLGLLGISly	235	53
>PTCH1-V76: LFLGLLGVSly	357	>PTCH1-V76: LFLGLLGISly	411	54
>PTCH1-V76: LFLGLLGVSly	31	>PTCH1-V76: LFLGLLGISly	31	0
>PTCH1-V76: LFLGLLGV	367	>PTCH1-V76: LFLGLLGI	360	7

>PTCH1-V76:LFLGLLGVSL	286	>PTCH1-V76:LFLGLLGISL	335	49
>PTCH1-V76:FLFLGLLGV	7	>PTCH1-V76:FLFLGLLGI	11	4
>PTCH1-V76:FLFLGLLGVS	230	>PTCH1-V76:FLFLGLLGIS	326	96
>PTCH1-V76:FLFLGLLGVSL	12	>PTCH1-V76:FLFLGLLGISL	13	1
>PTCH1-V76:FLFLGLLGV	5	>PTCH1-V76:FLFLGLLGI	13	8
>PTCH1-V76:FLFLGLLGVS	243	>PTCH1-V76:FLFLGLLGIS	272	29
>PTCH1-V76:FLFLGLLGVSL	7	>PTCH1-V76:FLFLGLLGISL	10	3
>PTCH1-V76:FLFLGLLGV	3	>PTCH1-V76:FLFLGLLGI	6	3
>PTCH1-V76:FLFLGLLGVS	302	>PTCH1-V76:FLFLGLLGIS	291	11
>PTCH1-V76:FLFLGLLGVSL	11	>PTCH1-V76:FLFLGLLGISL	12	1
>PTCH1-V76:FLFLGLLGV	5	>PTCH1-V76:FLFLGLLGI	21	16
>PTCH1-V76:FLFLGLLGVSL	42	>PTCH1-V76:FLFLGLLGISL	41	1
>PTCH1-V76:FLFLGLLGV	1	>PTCH1-V76:FLFLGLLGI	2	1
>PTCH1-V76:FLFLGLLGVS	159	>PTCH1-V76:FLFLGLLGIS	396	237
>PTCH1-V76:FLFLGLLGVSL	3	>PTCH1-V76:FLFLGLLGISL	3	0
>PTCH1-V76:FLFLGLLGV	3	>PTCH1-V76:FLFLGLLGI	8	5
>PTCH1-V76:FLFLGLLGVSL	8	>PTCH1-V76:FLFLGLLGISL	8	0
>PTCH1-V76:FLFLGLLGV	3	>PTCH1-V76:FLFLGLLGI	7	4
>PTCH1-V76:FLFLGLLGVSL	6	>PTCH1-V76:FLFLGLLGISL	6	0
>PTCH1-V76:FLFLGLLGV	2	>PTCH1-V76:FLFLGLLGI	11	9
>PTCH1-V76:FLFLGLLGVSL	18	>PTCH1-V76:FLFLGLLGISL	20	2
>PTCH1-V76:FLFLGLLGV	1	>PTCH1-V76:FLFLGLLGI	3	2
>PTCH1-V76:FLFLGLLGVS	245	>PTCH1-V76:FLFLGLLGIS	332	87
>PTCH1-V76:FLFLGLLGVSL	2	>PTCH1-V76:FLFLGLLGISL	2	0
>PTCH1-V76:FLFLGLLGV	399	>PTCH1-V76:FLFLGLLGI	1819	1420
>PTCH1-V76:FLFLGLLGV	36	>PTCH1-V76:FLFLGLLGI	284	248
>PTCH1-V76:FLFLGLLGVSL	245	>PTCH1-V76:FLFLGLLGISL	351	106
>PTCH1-V76:FLFLGLLGVSL	382	>PTCH1-V76:FLFLGLLGISL	449	67
>PTCH1-V76:FLFLGLLGVSL	68	>PTCH1-V76:FLFLGLLGISL	121	53
>PTCH1-V76:FLFLGLLGVSL	201	>PTCH1-V76:FLFLGLLGISL	210	9
>PTCH1-V76:IFLFLGLLGV	459	>PTCH1-V76:IFLFLGLLGI	1740	1281
>PTCH1-V76:IFLFLGLLGV	6531	>PTCH1-V76:IFLFLGLLGI	360	6171
>PTCH1-V76:IFLFLGLLGV	189	>PTCH1-V76:IFLFLGLLGI	563	374
>PTCH1-V82:VKYVMLEENI	1029	>PTCH1-V82:MKYVMLEEN	321	708
>PTCH1-V82:NVKYVMLEEI	33	>PTCH1-V82:NMKYVMLEE	217	184
>PTCH1-V82:SNVKYVML	13	>PTCH1-V82:SNMKYVML	8	5
>PTCH1-V82:SNVKYVML	6313	>PTCH1-V82:SNMKYVML	454	5859
>PTCH1-V82:FSNVKYVML	89	>PTCH1-V82:FSNMKYVML	94	5
>PTCH1-V82:FSNVKYVML	1540	>PTCH1-V82:FSNMKYVML	434	1106
>PTCH1-V82:FSNVKYVM	654	>PTCH1-V82:FSNMKYVM	496	158
>PTCH1-V82:FSNVKYVML	618	>PTCH1-V82:FSNMKYVML	345	273
>PTCH1-V82:FSNVKYVM	209	>PTCH1-V82:FSNMKYVM	113	96
>PTCH1-V82:FSNVKYVML	105	>PTCH1-V82:FSNMKYVML	68	37

>PTCH1-V82!FSNVKYVM	217	>PTCH1-V82!FSNMKYVM	504	287
>PTCH1-V82!SFSNVKYV	398	>PTCH1-V82!SFSNMKYV	1963	1565
>PTCH1-V82!SFSNVKYV	463	>PTCH1-V82!SFSNMKYV	1993	1530
>PTCH1-V82!SFSNVKYVMI	40	>PTCH1-V82!SFSNMKYVM	66	26
>PTCH1-V82!SFSNVKYVM	365	>PTCH1-V82!SFSNMKYVM	448	83
>PTCH1-V82!SFSNVKYV	241	>PTCH1-V82!SFSNMKYV	262	21
>PTCH1-V82!RSFSNVKYV	118	>PTCH1-V82!RSFSNMKYV	63	55
>PTCH1-V82!RSFSNVKYVM	122	>PTCH1-V82!RSFSNMKYVI	96	26
>PTCH1-V82!RSFSNVKYV	38	>PTCH1-V82!RSFSNMKYV	152	114
>PTCH1-V82!RSFSNVKY	247	>PTCH1-V82!RSFSNMKY	150	97
>PTCH1-V82!RSFSNVKY	131	>PTCH1-V82!RSFSNMKY	52	79
>PTCH1-V82!RSFSNVKY	333	>PTCH1-V82!RSFSNMKY	136	197
>PTCH1-V82!RSFSNVKY	371	>PTCH1-V82!RSFSNMKY	153	218
>PTCH1-V82!RSFSNVKYV	40	>PTCH1-V82!RSFSNMKYV	36	4
>PTCH1-V82!RSFSNVKYVM	338	>PTCH1-V82!RSFSNMKYVI	280	58
>PTCH1-V82!RSFSNVKYVM	115	>PTCH1-V82!RSFSNMKYVI	107	8
>PTCH1-V82!RSFSNVKY	38	>PTCH1-V82!RSFSNMKY	28	10
>PTCH1-V82!RSFSNVKYV	800	>PTCH1-V82!RSFSNMKYV	420	380
>PTCH1-V82!RSFSNVKY	49	>PTCH1-V82!RSFSNMKY	144	95
>PTCH1-V82!RSFSNVKYVM	66	>PTCH1-V82!RSFSNMKYVI	114	48
>PTCH1-V82!RSFSNVKYVM	52	>PTCH1-V82!RSFSNMKYVI	80	28
>PTCH1-V82!RSFSNVKY	2007	>PTCH1-V82!RSFSNMKY	200	1807
>PTCH1-V82!RSFSNVKY	120	>PTCH1-V82!RSFSNMKY	136	16
>PTCH1-V82!RSFSNVKYVM	151	>PTCH1-V82!RSFSNMKYVI	187	36
>PTCH1-V82!RSFSNVKY	5	>PTCH1-V82!RSFSNMKY	6	1
>PTCH1-V82!RSFSNVKYV	18	>PTCH1-V82!RSFSNMKYV	41	23
>PTCH1-V82!RSFSNVKYVM	12	>PTCH1-V82!RSFSNMKYVI	16	4
>PTCH1-V82!RSFSNVKYVM	11	>PTCH1-V82!RSFSNMKYVI	14	3
>PTCH1-V82!RSFSNVKY	3	>PTCH1-V82!RSFSNMKY	3	0
>PTCH1-V82!RSFSNVKYV	33	>PTCH1-V82!RSFSNMKYV	20	13
>PTCH1-V82!RSFSNVKYVM	7	>PTCH1-V82!RSFSNMKYVI	5	2
>PTCH1-V82!RSFSNVKYVM	4	>PTCH1-V82!RSFSNMKYVI	4	0
>PTCH1-V82!RSFSNVKY	84	>PTCH1-V82!RSFSNMKY	72	12
>PTCH1-V82!RSFSNVKYVM	90	>PTCH1-V82!RSFSNMKYVI	121	31
>PTCH1-V82!RSFSNVKY	42	>PTCH1-V82!RSFSNMKY	39	3
>PTCH1-V82!RSFSNVKYVM	31	>PTCH1-V82!RSFSNMKYVI	57	26
>PTCH1-V82!RSFSNVKYVM	304	>PTCH1-V82!RSFSNMKYVI	703	399
>PTCH1-V82!RSFSNVKYVM	458	>PTCH1-V82!RSFSNMKYVI	351	107
>PTCH1-V82!RSFSNVKY	60	>PTCH1-V82!RSFSNMKY	41	19
>PTCH1-V82!RSFSNVKYV	309	>PTCH1-V82!RSFSNMKYV	106	203
>PTCH1-V82!RSFSNVKYVM	41	>PTCH1-V82!RSFSNMKYVI	32	9
>PTCH1-V82!RSFSNVKYVM	53	>PTCH1-V82!RSFSNMKYVI	31	22
>PTCH1-V82!RSFSNVKY	579	>PTCH1-V82!RSFSNMKY	376	203

>PTCH1-V82!RSFSNVKYV	258	>PTCH1-V82!RSFSNMKYV	184	74
>PTCH1-V82!RSFSNVKYVM	45	>PTCH1-V82!RSFSNMKYVI	42	3
>PTCH1-V82!HRSFSNVKY	56	>PTCH1-V82!HRSFSNMKY	54	2
>PTCH1-V82!HRSFSNVKYV	315	>PTCH1-V82!HRSFSNMKY\	331	16
>PTCH1-V82!HRSFSNVK	532	>PTCH1-V82!HRSFSNMK	458	74
>PTCH1-V82!HRSFSNVKYV	271	>PTCH1-V82!HRSFSNMKY\	586	315
>PTCH1-V82!HRSFSNVKYV	187	>PTCH1-V82!HRSFSNMKY\	220	33
>PTCH1-V82!HRSFSNVKYV	51	>PTCH1-V82!HRSFSNMKY\	65	14
>PTCH1-V82!HRSFSNVKY	2328	>PTCH1-V82!HRSFSNMKY	169	2159
>PTCH1-V82!HRSFSNVKY	1614	>PTCH1-V82!HRSFSNMKY	470	1144
>PTCH1-V82!LHRSFSNV	391	>PTCH1-V82!LHRSFSNM	247	144
>PTCH1-V82!LHRSFSNVK	77	>PTCH1-V82!LHRSFSNMK	84	7
>PTCH1-V82!LHRSFSNV	54	>PTCH1-V82!LHRSFSNM	15	39
>PTCH1-V82!LHRSFSNVK	425	>PTCH1-V82!LHRSFSNMK	761	336
>PTCH1-V82!LHRSFSNVKY	10	>PTCH1-V82!LHRSFSNMK\	11	1
>PTCH1-V82!LHRSFSNVKY	89	>PTCH1-V82!LHRSFSNMK\	150	61
>PTCH1-V82!DLHRSFSNV	254	>PTCH1-V82!DLHRSFSNM	8466	8212
>PTCH1-V82!DLHRSFSNV	189	>PTCH1-V82!DLHRSFSNM	8657	8468
>PTCH1-V82!DLHRSFSNV	378	>PTCH1-V82!DLHRSFSNM	15341	14963
>PTCH1-V82!DLHRSFSNV	14	>PTCH1-V82!DLHRSFSNM	2785	2771
>PTCH1-V82!DLHRSFSNV	11814	>PTCH1-V82!DLHRSFSNM	364	11450
>PTCH1-V82!DLHRSFSNV	2122	>PTCH1-V82!DLHRSFSNM	28	2094
>PTCH1-V82!DLHRSFSNVK	488	>PTCH1-V82!DLHRSFSNMI	502	14
>PTCH1-V82!DLHRSFSNVK	199	>PTCH1-V82!DLHRSFSNMI	172	27
>PTCH1-V82!YDLHRSFSNV	462	>PTCH1-V82!YDLHRSFSNM	1248	786
>PTCH1-V82!YDLHRSFSNV	1535	>PTCH1-V82!YDLHRSFSNM	403	1132
>PTCH1-V82!YDLHRSFSNV	81	>PTCH1-V82!YDLHRSFSNM	1230	1149
>PTCH1-V98!VEAIEKVRTI	22	>PTCH1-V98!EEAIEKVRTI	18	4
>PTCH1-V98!VEAIEKVRTI	2237	>PTCH1-V98!EEAIEKVRTI	371	1866
>PTCH1-V98!VEAIEKVRT	4128	>PTCH1-V98!EEAIEKVRT	300	3828
>PTCH1-V98!VEAIEKVRTI	77	>PTCH1-V98!EEAIEKVRTI	295	218
>PTCH1-V98!FVEAIEKVRTI	5031	>PTCH1-V98!FEEAIEKVRTI	12	5019
>PTCH1-V98!FVEAIEKV	54	>PTCH1-V98!FEEAIEKV	3282	3228
>PTCH1-V98!FVEAIEKV	384	>PTCH1-V98!FEEAIEKV	13121	12737
>PTCH1-V98!FVEAIEKV	48	>PTCH1-V98!FEEAIEKV	2248	2200
>PTCH1-V98!FVEAIEKV	136	>PTCH1-V98!FEEAIEKV	6586	6450
>PTCH1-V98!FVEAIEKV	10	>PTCH1-V98!FEEAIEKV	5289	5279
>PTCH1-V98!FVEAIEKVR	51	>PTCH1-V98!FEEAIEKVR	4507	4456
>PTCH1-V98!FVEAIEKV	62	>PTCH1-V98!FEEAIEKV	13772	13710
>PTCH1-V98!FVEAIEKV	20886	>PTCH1-V98!FEEAIEKV	104	20782
>PTCH1-V98!FVEAIEKVRTI	21559	>PTCH1-V98!FEEAIEKVRTI	101	21458
>PTCH1-V98!FVEAIEKV	23628	>PTCH1-V98!FEEAIEKV	465	23163
>PTCH1-V98!FVEAIEKVRTI	26459	>PTCH1-V98!FEEAIEKVRTI	51	26408

>PTCH1-V98{DFVEAIEKVR	355	>PTCH1-V98{DFEEAIEKVR	1316	961
>PTCH1-V98{DFVEAIEK	309	>PTCH1-V98{DFEEAIEK	1293	984
>PTCH1-V98{DFVEAIEKVR	365	>PTCH1-V98{DFEEAIEKVR	4756	4391
>PTCH1-V98{SDFVEAIEKV	172	>PTCH1-V98{SDFEEAIEKV	325	153
>PTCH1-V98{SDFVEAIEKV	43	>PTCH1-V98{SDFEEAIEKV	51	8
>PTCH1-V98{TSDFVEAIEK	30	>PTCH1-V98{TSDFEEAIEK	50	20
>PTCH1-V98{TSDFVEAIEK	36	>PTCH1-V98{TSDFEEAIEK	177	141
>PTCH1-V98{TSDFVEAIEK\	172	>PTCH1-V98{TSDFEEAIEK\	1228	1056
>PTCH1-V98{TSDFVEAI	383	>PTCH1-V98{TSDFEEAI	716	333
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>PTCH1-V98{DTSDFVEAI	21	>PTCH1-V98{DTSDFEEAI	272	251
>PTCH1-V98{DTSDFVEAIEI	474	>PTCH1-V98{DTSDFEEAIEI	878	404
>PTCH1-V98{RDTSDFVEAI	479	>PTCH1-V98{RDTSDFEEAI	1334	855
>PTCH1-V98{RDTSDFVEAI	43	>PTCH1-V98{RDTSDFEEAI	44	1
>PTCH1-V98{GLRDTSDFV	393	>PTCH1-V98{GLRDTSDFE	24142	23749
>PTCH1-V98{GLRDTSDFV	12	>PTCH1-V98{GLRDTSDFE	6682	6670
>PTCH1-V98{GLRDTSDFVE	171	>PTCH1-V98{GLRDTSDFEE	152	19
>PTCH1-V98{GLRDTSDFV	7	>PTCH1-V98{GLRDTSDFE	17561	17554
>PTCH1-V98{GLRDTSDFVE	50	>PTCH1-V98{GLRDTSDFEE	58	8
>PTCH1-V98{GLRDTSDFV	153	>PTCH1-V98{GLRDTSDFE	24696	24543
>PTCH1-V98{GLRDTSDFV	5	>PTCH1-V98{GLRDTSDFE	15888	15883
>PTCH1-V98{GLRDTSDFVE	229	>PTCH1-V98{GLRDTSDFEE	227	2
>PTCH1-V98{GLRDTSDFV	4	>PTCH1-V98{GLRDTSDFE	15735	15731
>PTCH1-V98{GLRDTSDFVE	166	>PTCH1-V98{GLRDTSDFEE	308	142
>PTCH1-V98{GLRDTSDFV	8	>PTCH1-V98{GLRDTSDFE	15608	15600
>PTCH1-V98{GLRDTSDFVE	212	>PTCH1-V98{GLRDTSDFEE	391	179
>PTCH1-V98{GLRDTSDFV	31	>PTCH1-V98{GLRDTSDFE	23148	23117
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>PTCH1-VL11\VLDGAVSTL	71	>PTCH1-VL11\LLDGAVSTL	52	19
>PTCH1-VL11\VLDGAVSTLL	223	>PTCH1-VL11\LLDGAVSTLL	137	86
>PTCH1-VL11\VLDGAVSTL	56	>PTCH1-VL11\LLDGAVSTL	32	24
>PTCH1-VL11\VLDGAVSTLL	49	>PTCH1-VL11\LLDGAVSTLL	20	29
>PTCH1-VL11\VLDGAVSTL	66	>PTCH1-VL11\LLDGAVSTL	47	19
>PTCH1-VL11\VLDGAVSTLL	293	>PTCH1-VL11\LLDGAVSTLL	108	185
>PTCH1-VL11\VLDGAVSTL	474	>PTCH1-VL11\LLDGAVSTL	253	221
>PTCH1-VL11\VLDGAVST	53	>PTCH1-VL11\LLDGAVST	64	11

>PTCH1-VL11VLDGAVSTL	3	>PTCH1-VL11LLDGAVSTL	3	0
>PTCH1-VL11VLDGAVSTLL	5	>PTCH1-VL11LLDGAVSTLL	6	1
>PTCH1-VL11VLDGAVSTL	8	>PTCH1-VL11LLDGAVSTL	7	1
>PTCH1-VL11VLDGAVSTLL	36	>PTCH1-VL11LLDGAVSTLL	29	7
>PTCH1-VL11VLDGAVST	135	>PTCH1-VL11LLDGAVST	204	69
>PTCH1-VL11VLDGAVSTL	7	>PTCH1-VL11LLDGAVSTL	7	0
>PTCH1-VL11VLDGAVSTLL	8	>PTCH1-VL11LLDGAVSTLL	9	1
>PTCH1-VL11VLDGAVST	356	>PTCH1-VL11LLDGAVST	486	130
>PTCH1-VL11VLDGAVSTL	4	>PTCH1-VL11LLDGAVSTL	4	0
>PTCH1-VL11VLDGAVSTLL	12	>PTCH1-VL11LLDGAVSTLL	13	1
>PTCH1-VL11VLDGAVST	17	>PTCH1-VL11LLDGAVST	12	5
>PTCH1-VL11VLDGAVSTL	2	>PTCH1-VL11LLDGAVSTL	2	0
>PTCH1-VL11VLDGAVSTLL	3	>PTCH1-VL11LLDGAVSTLL	3	0
>PTCH1-VL11PVLDGAVSTL	1408	>PTCH1-VL11PLLDGAVSTL	137	1271
>PTCH1-VL11PVLDGAVSTL	2564	>PTCH1-VL11PLLDGAVSTL	163	2401
>PTCH1-VL11PVLDGAVSTL	2752	>PTCH1-VL11PLLDGAVSTL	392	2360
>PTCH1-VL11PVLDGAVST	10812	>PTCH1-VL11PLLDGAVST	486	10326
>PTCH1-VL11PVLDGAVSTL	810	>PTCH1-VL11PLLDGAVSTL	10	800
>PTCH1-VL11PVLDGAVSTL	2478	>PTCH1-VL11PLLDGAVSTL	33	2445
>PTCH1-VL11PVLDGAVSTL	4850	>PTCH1-VL11PLLDGAVSTL	61	4789
>PTCH1-VL11PVLDGAVSTL	1232	>PTCH1-VL11PLLDGAVSTL	18	1214
>PTCH1-VL11PVLDGAVSTL	2114	>PTCH1-VL11PLLDGAVSTL	32	2082
>PTCH1-VL11PVLDGAVST	6329	>PTCH1-VL11PLLDGAVST	339	5990
>PTCH1-VL11PVLDGAVSTL	418	>PTCH1-VL11PLLDGAVSTL	5	413
>PTCH1-VL11PVLDGAVSTL	1412	>PTCH1-VL11PLLDGAVSTL	26	1386
>PTCH1-VL11PVLDGAVST	8860	>PTCH1-VL11PLLDGAVST	48	8812
>PTCH1-VL11PVLDGAVSTL	238	>PTCH1-VL11PLLDGAVSTL	4	234
>PTCH1-VL11PVLDGAVSTL	820	>PTCH1-VL11PLLDGAVSTL	9	811
>PTCH1-VL11VLALEHMFAF	30	>PTCH1-VL11VLALEHMFAF	109	79
>PTCH1-VL11VLALEHMFAF	6	>PTCH1-VL11VLALEHMFAF	9	3
>PTCH1-VL11VLALEHMFAF	6	>PTCH1-VL11VLALEHMFAF	24	18
>PTCH1-VL11VLALEHMFAF	25	>PTCH1-VL11VLALEHMFAF	143	118
>PTCH1-VL11VLALEHMFAF	6	>PTCH1-VL11VLALEHMFAF	60	54
>PTCH1-VL11VLALEHMFAF	13	>PTCH1-VL11VLALEHMFAF	94	81
>PTCH1-VL11VLALEHMFAF	8	>PTCH1-VL11VLALEHMFAF	68	60
>PTCH1-VL11VLALEHMFAF	5	>PTCH1-VL11VLALEHMFAF	63	58
>PTCH1-VL11VLALEHMFAF	2	>PTCH1-VL11VLALEHMFAF	6	4
>PTCH1-VL11APVLDGAV	73	>PTCH1-VL11APLLDGAV	113	40
>PTCH1-VL11APVLDGAVST	39	>PTCH1-VL11APLLDGAVST	44	5
>PTCH1-VL11APVLDGAVST	304	>PTCH1-VL11APLLDGAVST	682	378
>PTCH1-VL11APVLDGAVST	228	>PTCH1-VL11APLLDGAVST	244	16
>PTCH1-VL11APVLDGAVST	219	>PTCH1-VL11APLLDGAVST	1412	1193
>PTCH1-VL11FAPVLDGA	246	>PTCH1-VL11FAPLLDGA	297	51



>PTCH1-VL11FAPVLDGAV	313	>PTCH1-VL11FAPLLDGAV	309	4
>PTCH1-VL11FAPVLDGA	404	>PTCH1-VL11FAPLLDGA	527	123
>PTCH1-VL11FAPVLDGAV	61	>PTCH1-VL11FAPLLDGAV	68	7
>PTCH1-VL11MFAPVLDGA	54	>PTCH1-VL11MFAPLLDGA	46	8
>PTCH1-VL11MFAPVLDGA	287	>PTCH1-VL11MFAPLLDGA	869	582
>PTCH1-VL11MFAPVLDGA	128	>PTCH1-VL11MFAPLLDGA	82	46
>PTCH1-VL11MFAPVLDGA	497	>PTCH1-VL11MFAPLLDGA	259	238
>PTCH1-VL11HMFAPVLDG	275	>PTCH1-VL11HMFAPLLDG	289	14
>PTCH1-VL11HMFAPVLDG	67	>PTCH1-VL11HMFAPLLDG	61	6
>PTCH1-VL11HMFAPVLDG	51	>PTCH1-VL11HMFAPLLDG	48	3
>PTCH1-VL11HMFAPVLDG	27	>PTCH1-VL11HMFAPLLDG	24	3
>PTCH1-VL11HMFAPVLDG	37	>PTCH1-VL11HMFAPLLDG	38	1
>PTCH1-VL11HMFAPVLDG	11	>PTCH1-VL11HMFAPLLDG	11	0
>PTCH1-VL11HMFAPVLDG	185	>PTCH1-VL11HMFAPLLDG	117	68
>PTCH1-VL11HMFAPVLDG	76	>PTCH1-VL11HMFAPLLDG	48	28
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>PTCH1-VL11HMFAPVLDG	3	>PTCH1-VL11HMFAPLLDG	3	0
>PTCH1-VL11HMFAPVLDG	55	>PTCH1-VL11HMFAPLLDG	50	5
>PTCH1-VL11HMFAPVLDG	9	>PTCH1-VL11HMFAPLLDG	9	0
>PTCH1-VL11HMFAPVLDG	37	>PTCH1-VL11HMFAPLLDG	55	18
>PTCH1-VL11HMFAPVLDG	12	>PTCH1-VL11HMFAPLLDG	14	2
>PTCH1-VL11HMFAPVLDG	227	>PTCH1-VL11HMFAPLLDG	326	99
>PTCH1-VL11HMFAPVLDG	33	>PTCH1-VL11HMFAPLLDG	33	0
>PTCH1-VL11HMFAPVLDG	6	>PTCH1-VL11HMFAPLLDG	6	0
>PTCH1-VL11HMFAPVLDG	131	>PTCH1-VL11HMFAPLLDG	393	262
>PTCH1-VL11HMFAPVLDG	66	>PTCH1-VL11HMFAPLLDG	78	12
>PTCH1-VL11HMFAPVLDG	158	>PTCH1-VL11HMFAPLLDG	161	3
>PTCH1-VL11HMFAPVLDG	237	>PTCH1-VL11HMFAPLLDG	380	143
>PTCH1-VL11HMFAPVLDG	104	>PTCH1-VL11HMFAPLLDG	127	23
>PTCH1-VL11HMFAPVLDG	122	>PTCH1-VL11HMFAPLLDG	207	85
>PTCH1-VL11EHMFAPVL	205	>PTCH1-VL11EHMFAPLL	393	188
>PTCH1-VL11EHMFAPVL	13	>PTCH1-VL11EHMFAPLL	34	21
>PTCH1-VL11LEHMFAPV	643	>PTCH1-VL11LEHMFAPL	126	517
>PTCH1-VL11LEHMFAPV	191	>PTCH1-VL11LEHMFAPL	148	43
>PTCH1-VL11LEHMFAPVL	47	>PTCH1-VL11LEHMFAPLL	15	32
>PTCH1-VL11LEHMFAPV	857	>PTCH1-VL11LEHMFAPL	319	538
>PTCH1-VL11LEHMFAPVL	384	>PTCH1-VL11LEHMFAPLL	1596	1212
>PTCH1-VL11LEHMFAPV	100	>PTCH1-VL11LEHMFAPL	30	70
>PTCH1-VL11LEHMFAPVL	52	>PTCH1-VL11LEHMFAPLL	141	89
>PTCH1-VL11LEHMFAPVL	490	>PTCH1-VL11LEHMFAPLL	2636	2146
>PTCH1-VL11LEHMFAPV	65	>PTCH1-VL11LEHMFAPL	11	54
>PTCH1-VL11LEHMFAPVL	10	>PTCH1-VL11LEHMFAPLL	11	1
>PTCH1-VL11LEHMFAPV	41	>PTCH1-VL11LEHMFAPL	20	21

>PTCH1-VL11LEHMFAPVL	24	>PTCH1-VL11LEHMFAPLL	30	6
>PTCH1-VL11LEHMFAPVL	694	>PTCH1-VL11LEHMFAPLL	297	397
>PTCH1-VL11LEHMFAPV	41	>PTCH1-VL11LEHMFAPL	372	331
>PTCH1-VL11LEHMFAPVL	264	>PTCH1-VL11LEHMFAPLL	808	544
>PTCH1-VL11LEHMFAPV	172	>PTCH1-VL11LEHMFAPL	327	155
>PTCH1-VL11LEHMFAPVL	22	>PTCH1-VL11LEHMFAPLL	9	13
>PTCH1-VL11ALEHMFAPV	48	>PTCH1-VL11ALEHMFAPL	159	111
>PTCH1-VL11ALEHMFAPV	17	>PTCH1-VL11ALEHMFAPL	23	6
>PTCH1-VL11ALEHMFAPV	9	>PTCH1-VL11ALEHMFAPL	62	53
>PTCH1-VL11ALEHMFAPV	12	>PTCH1-VL11ALEHMFAPL	77	65
>PTCH1-VL11ALEHMFAPV	27	>PTCH1-VL11ALEHMFAPL	402	375
>PTCH1-VL11ALEHMFAPVI	469	>PTCH1-VL11ALEHMFAPLL	458	11
>PTCH1-VL11ALEHMFAPV	8	>PTCH1-VL11ALEHMFAPL	57	49
>PTCH1-VL11ALEHMFAPVI	274	>PTCH1-VL11ALEHMFAPLL	461	187
>PTCH1-VL11ALEHMFAPV	87	>PTCH1-VL11ALEHMFAPL	1826	1739
>PTCH1-VL11ALEHMFAPV	2	>PTCH1-VL11ALEHMFAPL	7	5
>PTCH1-VL11ALEHMFAPVI	12	>PTCH1-VL11ALEHMFAPLL	9	3
>PTCH1-VL11ALEHMFAPV	1857	>PTCH1-VL11ALEHMFAPL	483	1374
>PTCH1-VL11LAEHMFAP\	361	>PTCH1-VL11LAEHMFAPL	112	249
>PTCH1-VL11LAEHMFAP\	80	>PTCH1-VL11LAEHMFAPL	297	217
>PTCH1-VL11LAEHMFAP\	633	>PTCH1-VL11LAEHMFAPL	168	465
>PTCH1-VL11LAEHMFAP\	186	>PTCH1-VL11LAEHMFAPL	179	7
>PTCH1-VL11LAEHMFAP\	1584	>PTCH1-VL11LAEHMFAPL	491	1093
>PTCH1-VL11LAEHMFAP\	63	>PTCH1-VL11LAEHMFAPL	313	250
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>PTCH1-VL11LAEHMFAP\	74	>PTCH1-VL11LAEHMFAPL	29	45
>PTCH1-VL11LAEHMFAP\	15	>PTCH1-VL11LAEHMFAPL	161	146
>PTCH1-VL11LAEHMFAP\	199	>PTCH1-VL11LAEHMFAPL	181	18
>PTCH1-VL11LAEHMFAP\	59	>PTCH1-VL11LAEHMFAPL	704	645
>PTCH1-VL11LAEHMFAP\	220	>PTCH1-VL11LAEHMFAPL	4245	4025
>PTCH1-VL11LAEHMFAP\	402	>PTCH1-VL11LAEHMFAPL	3993	3591
>PTCH1-VL11LAEHMFAP\	23	>PTCH1-VL11LAEHMFAPL	855	832
>PTCH1-VL11LAEHMFAP\	433	>PTCH1-VL11LAEHMFAPL	2683	2250
>PTCH1-VL11LAEHMFAP\	7	>PTCH1-VL11LAEHMFAPL	26	19
>PTCH1-VL11LAEHMFAP\	83	>PTCH1-VL11LAEHMFAPL	34	49
>PTCH1-VL11LAEHMFAP\	950	>PTCH1-VL11LAEHMFAPL	392	558
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>PTCH1-VL11LAEHMFAP\	30	>PTCH1-VL11LAEHMFAPL	39	9
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>PTCH1-VL11LAEHMFAP\	1200	>PTCH1-VL11LAEHMFAPL	352	848
>PTCH1-W84WLHYFRDWL	26	>PTCH1-W84CLHYFRDWL	172	146
>PTCH1-W84WLHYFRDWL	367	>PTCH1-W84CLHYFRDWL	1586	1219
>PTCH1-W84WLHYFRDWL	321	>PTCH1-W84CLHYFRDWL	2795	2474

>PTCH1-W84WLHYFRDWL	45	>PTCH1-W84CLHYFRDWL	403	358
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>PTCH1-W84WLHYFRDWL	83	>PTCH1-W84CLHYFRDWL	757	674
>PTCH1-W84MWLHYFRDV	84	>PTCH1-W84MCLHYFRDW	6628	6544
>PTCH1-W84MWLHYFRDV	316	>PTCH1-W84MCLHYFRDW	21250	20934
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>PTCH1-W84MWLHYFRDV	22	>PTCH1-W84MCLHYFRDW	9810	9788
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>PTCH1-W84MWLHYFRDV	114	>PTCH1-W84MCLHYFRDW	2439	2325
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>PTCH1-W84MWLHYFRDV	67	>PTCH1-W84MCLHYFRDW	29054	28987
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>PTCH1-W84MWLHYFRDV	56	>PTCH1-W84MCLHYFRDW	23872	23816
>PTCH1-W84LEENKQLPKM	103	>PTCH1-W84LEENKQLPKM	8332	8229
>PTCH1-W84LEENKQLPKM	111	>PTCH1-W84LEENKQLPKM	14241	14130
>PTCH1-W84KMWLHYFRC	123	>PTCH1-W84KMCLHYFRD\	1196	1073
>PTCH1-W84KMWLHYFRC	22	>PTCH1-W84KMCLHYFRD\	298	276
>PTCH1-W84KMWLHYFRC	36	>PTCH1-W84KMCLHYFRD\	35	1
>PTCH1-W84KMWLHYFRC	350	>PTCH1-W84KMCLHYFRD\	316	34
>PTCH1-W84KMWLHYFRC	170	>PTCH1-W84KMCLHYFRD\	492	322
>PTCH1-W84KMWLHYFRC	11	>PTCH1-W84KMCLHYFRD\	99	88
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>PTCH1-W84KMWLHYFRC	238	>PTCH1-W84KMCLHYFRD\	1026	788
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>PTCH1-W84KMWLHYFRC	77	>PTCH1-W84KMCLHYFRD\	601	524
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>PTCH1-W84KMWLHYFRC	239	>PTCH1-W84KMCLHYFRD\	1468	1229
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>PTCH1-W84KMWLHYFRC	226	>PTCH1-W84KMCLHYFRD\	742	516
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>PTCH1-W84LPKMWLHYF	14	>PTCH1-W84LPKMCLHYFR	17	3
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>PTCH1-W84LPKMWLHYF	609	>PTCH1-W84LPKMCLHYF	331	278
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>PTCH1-W84QLPKMWLHY	26	>PTCH1-W84QLPKMCLHY	41	15
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>PTCH1-W84QLPKMWLHY	51	>PTCH1-W84QLPKMCLHYI	38	13
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>PTCH1-W84KQLPKMWLF	88	>PTCH1-W84KQLPKMCLH'	329	241
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>PTCH1-W84KQLPKMWLF	452	>PTCH1-W84KQLPKMCLH'	1000	548
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>PTCH1-W84KQLPKMWLF	189	>PTCH1-W84KQLPKMCLH'	295	106
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>PTCH1-W84KQLPKMWLF	78	>PTCH1-W84KQLPKMCLH'	48	30
>PTCH1-W84KQLPKMWLF	216	>PTCH1-W84KQLPKMCLH'	133	83
>PTCH1-W84KQLPKMWL	173	>PTCH1-W84KQLPKMCL	49	124

>PTCH1-W84KQLPKMWLF	14	>PTCH1-W84KQLPKMCLH'	15	1
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>PTCH1-W84KQLPKMWLF	125	>PTCH1-W84KQLPKMCLH'	167	42
>PTCH1-W84KQLPKMWLF	141	>PTCH1-W84KQLPKMCLH'	130	11
>PTCH1-W84KQLPKMWLF	185	>PTCH1-W84KQLPKMCLH'	340	155
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>PTCH1-Y95EYMPETRLRIP,	49	>PTCH1-Y95EHMPETRLRIP	1871	1822
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>PTCH1-Y95EYMPETRLRIP,	323	>PTCH1-Y95EHMPETRLRIP	2450	2127
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>PTCH1-Y95EYMPETRLRI	240	>PTCH1-Y95EHMPETRLRI	4310	4070
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>PTCH1-Y95EYMPETRLR	301	>PTCH1-Y95EDHMPETRLR	1370	1069
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>PTCH1-Y95EYMPETRLR	99	>PTCH1-Y95EYMPETRLR	338	239
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>PTCH1-Y95EKADYMPETR	411	>PTCH1-Y95EKADHMPETR	665	254
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>PTCH1-Y95E WVHDKADY	455	>PTCH1-Y95E WVHDKADH	7073	6618
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>PTEN-A126I AAIHCKAGK	252	>PTEN-A126I AAIHCKDGK	493	241
>PTEN-A126I AAIHCKAGKC	447	>PTEN-A126I AAIHCKDGKC	1342	895
>PTEN-A126I VAAIHCKAGK	459	>PTEN-A126I VAAIHCKDGK	1521	1062
>PTEN-A126I HVAAIHCKA	289	>PTEN-A126I HVAAIHCKD	17781	17492
>PTEN-A126I HVAAIHCKAC	90	>PTEN-A126I HVAAIHCKDC	351	261
>PTEN-A126I HVAAIHCKAC	114	>PTEN-A126I HVAAIHCKDC	190	76
>PTEN-A126I HVAAIHCKA	304	>PTEN-A126I HVAAIHCKD	7485	7181
>PTEN-A126I HVAAIHCKAC	64	>PTEN-A126I HVAAIHCKDC	442	378
>PTEN-A126I HVAAIHCKAC	185	>PTEN-A126I HVAAIHCKDC	1178	993
>PTEN-A126I HVAAIHCKAC	7	>PTEN-A126I HVAAIHCKDC	10	3
>PTEN-A126I HVAAIHCKA	12	>PTEN-A126I HVAAIHCKD	3609	3597
>PTEN-A126I HVAAIHCKA	480	>PTEN-A126I HVAAIHCKD	16633	16153
>PTEN-A126I KAGKGRTGV	8547	>PTEN-A126I KPGKGRTGV	26	8521
>PTEN-A126I KAGKGRTGVI	25097	>PTEN-A126I KPGKGRTGVI	205	24892
>PTEN-A126I KAGKGRTGVI	9197	>PTEN-A126I KPGKGRTGVI	45	9152
>PTEN-A126I KAGKGRTGVI	135	>PTEN-A126I KPGKGRTGVI	1976	1841
>PTEN-A126I HCKAGKGR	345	>PTEN-A126I HCKPGKGR	417	72
>PTEN-A126I AIHCKAGK	243	>PTEN-A126I AIHCKPGK	275	32
>PTEN-A126I AIHCKAGK	221	>PTEN-A126I AIHCKPGK	194	27
>PTEN-A126I AIHCKAGK	29	>PTEN-A126I AIHCKPGK	17	12
>PTEN-A126I AIHCKAGKGF	407	>PTEN-A126I AIHCKPGKGR	1037	630
>PTEN-A126I AAIHCKAGK	252	>PTEN-A126I AAIHCKPGK	228	24
>PTEN-A126I AAIHCKAGKC	447	>PTEN-A126I AAIHCKPGKC	619	172
>PTEN-A126I AAIHCKAGK	1045	>PTEN-A126I AAIHCKPGK	360	685
>PTEN-A126I VAAIHCKAGK	459	>PTEN-A126I VAAIHCKPGK	1676	1217
>PTEN-A126I HVAAIHCKA	289	>PTEN-A126I HVAAIHCKP	9702	9413
>PTEN-A126I HVAAIHCKAC	90	>PTEN-A126I HVAAIHCKPC	100	10
>PTEN-A126I HVAAIHCKAC	114	>PTEN-A126I HVAAIHCKPC	111	3
>PTEN-A126I HVAAIHCKA	304	>PTEN-A126I HVAAIHCKP	6611	6307
>PTEN-A126I HVAAIHCKAC	64	>PTEN-A126I HVAAIHCKPC	41	23
>PTEN-A126I HVAAIHCKAC	185	>PTEN-A126I HVAAIHCKPC	464	279
>PTEN-A126I HVAAIHCKAC	7	>PTEN-A126I HVAAIHCKPC	11	4
>PTEN-A126I HVAAIHCKA	12	>PTEN-A126I HVAAIHCKP	3722	3710
>PTEN-A126I HVAAIHCKA	480	>PTEN-A126I HVAAIHCKP	11731	11251



>PTEN-A126 <sup>!</sup> KAGKGRTGVI	2924	>PTEN-A126 <sup>!</sup> KSGKGRTGVI	412	2512
>PTEN-A126 <sup>!</sup> KAGKGRTGVI	1139	>PTEN-A126 <sup>!</sup> KSGKGRTGVI	124	1015
>PTEN-A126 <sup>!</sup> KAGKGRTGVI	2282	>PTEN-A126 <sup>!</sup> KSGKGRTGVI	118	2164
>PTEN-A126 <sup>!</sup> KAGKGRTGVI	135	>PTEN-A126 <sup>!</sup> KSGKGRTGVI	40	95
>PTEN-A126 <sup>!</sup> HCKAGKGR	345	>PTEN-A126 <sup>!</sup> HCKSGKGR	504	159
>PTEN-A126 <sup>!</sup> AIHCKAGK	243	>PTEN-A126 <sup>!</sup> AIHCKSGK	164	79
>PTEN-A126 <sup>!</sup> AIHCKAGK	221	>PTEN-A126 <sup>!</sup> AIHCKSGK	177	44
>PTEN-A126 <sup>!</sup> AIHCKAGK	29	>PTEN-A126 <sup>!</sup> AIHCKSGK	29	0
>PTEN-A126 <sup>!</sup> AIHCKAGKGF	407	>PTEN-A126 <sup>!</sup> AIHCKSGKGR	187	220
>PTEN-A126 <sup>!</sup> AAIHCKAGK	252	>PTEN-A126 <sup>!</sup> AAIHCKSGK	215	37
>PTEN-A126 <sup>!</sup> AAIHCKAGKC	447	>PTEN-A126 <sup>!</sup> AAIHCKSGKG	490	43
>PTEN-A126 <sup>!</sup> VAAIHCKAGK	459	>PTEN-A126 <sup>!</sup> VAAIHCKSGK	614	155
>PTEN-A126 <sup>!</sup> HVAAIHCKA	289	>PTEN-A126 <sup>!</sup> HVAAIHCKS	6709	6420
>PTEN-A126 <sup>!</sup> HVAAIHCKAC	90	>PTEN-A126 <sup>!</sup> HVAAIHCKSG	74	16
>PTEN-A126 <sup>!</sup> HVAAIHCKAC	114	>PTEN-A126 <sup>!</sup> HVAAIHCKSG	102	12
>PTEN-A126 <sup>!</sup> HVAAIHCKA	304	>PTEN-A126 <sup>!</sup> HVAAIHCKS	3516	3212
>PTEN-A126 <sup>!</sup> HVAAIHCKAC	64	>PTEN-A126 <sup>!</sup> HVAAIHCKSG	109	45
>PTEN-A126 <sup>!</sup> HVAAIHCKAC	185	>PTEN-A126 <sup>!</sup> HVAAIHCKSG	348	163
>PTEN-A126 <sup>!</sup> HVAAIHCKAC	7	>PTEN-A126 <sup>!</sup> HVAAIHCKSG	8	1
>PTEN-A126 <sup>!</sup> HVAAIHCKA	12	>PTEN-A126 <sup>!</sup> HVAAIHCKS	101	89
>PTEN-A126 <sup>!</sup> HVAAIHCKA	480	>PTEN-A126 <sup>!</sup> HVAAIHCKS	8738	8258
>PTEN-A126 <sup>-</sup> KAGKGRTGVI	2924	>PTEN-A126 <sup>-</sup> KTGKGRTGVI	113	2811
>PTEN-A126 <sup>-</sup> KAGKGRTGVI	1139	>PTEN-A126 <sup>-</sup> KTGKGRTGVI	81	1058
>PTEN-A126 <sup>-</sup> KAGKGRTGVI	3622	>PTEN-A126 <sup>-</sup> KTGKGRTGVI	315	3307
>PTEN-A126 <sup>-</sup> KAGKGRTGVI	2282	>PTEN-A126 <sup>-</sup> KTGKGRTGVI	51	2231
>PTEN-A126 <sup>-</sup> KAGKGRTGVI	4631	>PTEN-A126 <sup>-</sup> KTGKGRTGVI	305	4326
>PTEN-A126 <sup>-</sup> KAGKGRTGVI	135	>PTEN-A126 <sup>-</sup> KTGKGRTGVI	29	106
>PTEN-A126 <sup>-</sup> HCKAGKGR	345	>PTEN-A126 <sup>-</sup> HCKTGKGR	323	22
>PTEN-A126 <sup>-</sup> AIHCKAGK	243	>PTEN-A126 <sup>-</sup> AIHCKTGK	189	54
>PTEN-A126 <sup>-</sup> AIHCKAGK	221	>PTEN-A126 <sup>-</sup> AIHCKTGK	184	37
>PTEN-A126 <sup>-</sup> AIHCKAGK	29	>PTEN-A126 <sup>-</sup> AIHCKTGK	61	32
>PTEN-A126 <sup>-</sup> AIHCKAGKGF	407	>PTEN-A126 <sup>-</sup> AIHCKTGKGR	241	166
>PTEN-A126 <sup>-</sup> AAIHCKAGK	252	>PTEN-A126 <sup>-</sup> AAIHCKTGK	332	80
>PTEN-A126 <sup>-</sup> AAIHCKAGKC	447	>PTEN-A126 <sup>-</sup> AAIHCKTGKG	419	28
>PTEN-A126 <sup>-</sup> VAAIHCKAGK	459	>PTEN-A126 <sup>-</sup> VAAIHCKTGK	710	251
>PTEN-A126 <sup>-</sup> HVAAIHCKA	289	>PTEN-A126 <sup>-</sup> HVAAIHCKT	2636	2347
>PTEN-A126 <sup>-</sup> HVAAIHCKAC	90	>PTEN-A126 <sup>-</sup> HVAAIHCKTC	85	5
>PTEN-A126 <sup>-</sup> HVAAIHCKAC	114	>PTEN-A126 <sup>-</sup> HVAAIHCKTC	125	11
>PTEN-A126 <sup>-</sup> HVAAIHCKA	304	>PTEN-A126 <sup>-</sup> HVAAIHCKT	5730	5426
>PTEN-A126 <sup>-</sup> HVAAIHCKAC	64	>PTEN-A126 <sup>-</sup> HVAAIHCKTC	227	163
>PTEN-A126 <sup>-</sup> HVAAIHCKAC	185	>PTEN-A126 <sup>-</sup> HVAAIHCKTC	265	80
>PTEN-A126 <sup>-</sup> HVAAIHCKAC	7	>PTEN-A126 <sup>-</sup> HVAAIHCKTC	9	2
>PTEN-A126 <sup>-</sup> HVAAIHCKA	12	>PTEN-A126 <sup>-</sup> HVAAIHCKT	88	76

>PTEN-A126 <sup>-</sup> HVAAIHCKA	480	>PTEN-A126 <sup>-</sup> HVAAIHCKT	2792	2312
>PTEN-A126 <sup>\</sup> KAGKGRTGV	1071	>PTEN-A126 <sup>\</sup> KVGKGRTGV	62	1009
>PTEN-A126 <sup>\</sup> KAGKGRTGVI	2924	>PTEN-A126 <sup>\</sup> KVGKGRTGVI	247	2677
>PTEN-A126 <sup>\</sup> KAGKGRTGVI	135	>PTEN-A126 <sup>\</sup> KVGKGRTGVI	574	439
>PTEN-A126 <sup>\</sup> HCKAGKGR	345	>PTEN-A126 <sup>\</sup> HCKVGKGR	963	618
>PTEN-A126 <sup>\</sup> AIHCKAGK	243	>PTEN-A126 <sup>\</sup> AIHCKVGK	241	2
>PTEN-A126 <sup>\</sup> AIHCKAGK	221	>PTEN-A126 <sup>\</sup> AIHCKVGK	141	80
>PTEN-A126 <sup>\</sup> AIHCKAGK	29	>PTEN-A126 <sup>\</sup> AIHCKVGK	34	5
>PTEN-A126 <sup>\</sup> AIHCKAGKGF	407	>PTEN-A126 <sup>\</sup> AIHCKVGKGF	169	238
>PTEN-A126 <sup>\</sup> AAIHCKAGK	252	>PTEN-A126 <sup>\</sup> AAIHCKVGK	168	84
>PTEN-A126 <sup>\</sup> AAIHCKAGKC	447	>PTEN-A126 <sup>\</sup> AAIHCKVGKC	359	88
>PTEN-A126 <sup>\</sup> AAIHCKAGK	1045	>PTEN-A126 <sup>\</sup> AAIHCKVGK	354	691
>PTEN-A126 <sup>\</sup> VAAIHCKA	13494	>PTEN-A126 <sup>\</sup> VAAIHCKV	220	13274
>PTEN-A126 <sup>\</sup> VAAIHCKAGK	459	>PTEN-A126 <sup>\</sup> VAAIHCKVGK	430	29
>PTEN-A126 <sup>\</sup> HVAAIHCKA	289	>PTEN-A126 <sup>\</sup> HVAAIHCKV	37	252
>PTEN-A126 <sup>\</sup> HVAAIHCKA	1656	>PTEN-A126 <sup>\</sup> HVAAIHCKV	178	1478
>PTEN-A126 <sup>\</sup> HVAAIHCKA	6496	>PTEN-A126 <sup>\</sup> HVAAIHCKV	167	6329
>PTEN-A126 <sup>\</sup> HVAAIHCKA	7213	>PTEN-A126 <sup>\</sup> HVAAIHCKV	102	7111
>PTEN-A126 <sup>\</sup> HVAAIHCKA	1779	>PTEN-A126 <sup>\</sup> HVAAIHCKV	10	1769
>PTEN-A126 <sup>\</sup> HVAAIHCKAC	90	>PTEN-A126 <sup>\</sup> HVAAIHCKVC	95	5
>PTEN-A126 <sup>\</sup> HVAAIHCKAC	114	>PTEN-A126 <sup>\</sup> HVAAIHCKVC	89	25
>PTEN-A126 <sup>\</sup> HVAAIHCKA	304	>PTEN-A126 <sup>\</sup> HVAAIHCKV	609	305
>PTEN-A126 <sup>\</sup> HVAAIHCKAC	64	>PTEN-A126 <sup>\</sup> HVAAIHCKVC	92	28
>PTEN-A126 <sup>\</sup> HVAAIHCKAC	185	>PTEN-A126 <sup>\</sup> HVAAIHCKVC	238	53
>PTEN-A126 <sup>\</sup> HVAAIHCKAC	7	>PTEN-A126 <sup>\</sup> HVAAIHCKVC	9	2
>PTEN-A126 <sup>\</sup> HVAAIHCKA	12	>PTEN-A126 <sup>\</sup> HVAAIHCKV	5	7
>PTEN-A126 <sup>\</sup> HVAAIHCKA	480	>PTEN-A126 <sup>\</sup> HVAAIHCKV	14	466
>PTEN-A126 <sup>\</sup> HVAAIHCKAC	806	>PTEN-A126 <sup>\</sup> HVAAIHCKVC	416	390
>PTEN-A137 <sup>\</sup> AYLLHRGKF	1272	>PTEN-A137 <sup>\</sup> VYLLHRGKF	467	805
>PTEN-A137 <sup>\</sup> AYLLHRGKFLI	230	>PTEN-A137 <sup>\</sup> VYLLHRGKFLI	354	124
>PTEN-A137 <sup>\</sup> AYLLHRGKF	418	>PTEN-A137 <sup>\</sup> VYLLHRGKF	157	261
>PTEN-A137 <sup>\</sup> AYLLHRGKFL	368	>PTEN-A137 <sup>\</sup> VYLLHRGKFL	222	146
>PTEN-A137 <sup>\</sup> AYLLHRGKF	8	>PTEN-A137 <sup>\</sup> VYLLHRGKF	14	6
>PTEN-A137 <sup>\</sup> AYLLHRGKFL	16	>PTEN-A137 <sup>\</sup> VYLLHRGKFL	26	10
>PTEN-A137 <sup>\</sup> AYLLHRGK	40	>PTEN-A137 <sup>\</sup> VYLLHRGK	506	466
>PTEN-A137 <sup>\</sup> AYLLHRGKFLI	25	>PTEN-A137 <sup>\</sup> VYLLHRGKFLI	268	243
>PTEN-A137 <sup>\</sup> AYLLHRGKFLI	76	>PTEN-A137 <sup>\</sup> VYLLHRGKFLI	129	53
>PTEN-A137 <sup>\</sup> AYLLHRGKFLI	1595	>PTEN-A137 <sup>\</sup> VYLLHRGKFLI	469	1126
>PTEN-A137 <sup>\</sup> AYLLHRGKFLI	305	>PTEN-A137 <sup>\</sup> VYLLHRGKFLI	2273	1968
>PTEN-A137 <sup>\</sup> AYLLHRGKFLI	1086	>PTEN-A137 <sup>\</sup> VYLLHRGKFLI	488	598
>PTEN-A137 <sup>\</sup> CAYLLHRGKF	119	>PTEN-A137 <sup>\</sup> CVYLLHRGKF	125	6
>PTEN-A137 <sup>\</sup> CAYLLHRGK	1373	>PTEN-A137 <sup>\</sup> CVYLLHRGK	208	1165
>PTEN-A137 <sup>\</sup> CAYLLHRGK	523	>PTEN-A137 <sup>\</sup> CVYLLHRGK	129	394

>PTEN-A137\CAYLLHRGK	1536	>PTEN-A137\CVYLLHRGK	446	1090
>PTEN-A137\CAYLLHRGK	471	>PTEN-A137\CVYLLHRGK	356	115
>PTEN-A137\CAYLLHRGKF	67	>PTEN-A137\CVYLLHRGKF	671	604
>PTEN-A137\CAYLLHRGKF	350	>PTEN-A137\CVYLLHRGKF	3024	2674
>PTEN-A137\CAYLLHRGKF	350	>PTEN-A137\CVYLLHRGKF	217	133
>PTEN-A137\CAYLLHRGKF	185	>PTEN-A137\CVYLLHRGKF	736	551
>PTEN-A137\ICAYLLHRGKI	187	>PTEN-A137\ICVYLLHRGKI	206	19
>PTEN-A137\ICAYLLHR	107	>PTEN-A137\ICVYLLHR	78	29
>PTEN-A137\MICAYLLHR	315	>PTEN-A137\MICVYLLHR	986	671
>PTEN-A137\MICAYLLHRG	162	>PTEN-A137\MICVYLLHRG	330	168
>PTEN-A137\MICAYLLH	299	>PTEN-A137\MICVYLLH	573	274
>PTEN-A137\MICAYLLHR	89	>PTEN-A137\MICVYLLHR	218	129
>PTEN-A137\MICAYLLHRG	49	>PTEN-A137\MICVYLLHRG	87	38
>PTEN-A137\MICAYLLHRG	77	>PTEN-A137\MICVYLLHRG	113	36
>PTEN-A137\MICAYLLHR	11	>PTEN-A137\MICVYLLHR	12	1
>PTEN-A137\MICAYLLHRG	473	>PTEN-A137\MICVYLLHRG	475	2
>PTEN-A137\MICAYLLHR	45	>PTEN-A137\MICVYLLHR	35	10
>PTEN-A137\MICAYLLHR	28	>PTEN-A137\MICVYLLHR	39	11
>PTEN-A137\MICAYLLHRG	124	>PTEN-A137\MICVYLLHRG	155	31
>PTEN-A137\MICAYLLHR	28	>PTEN-A137\MICVYLLHR	82	54
>PTEN-A137\VMICAYLL	248	>PTEN-A137\VMICVYLL	156	92
>PTEN-A137\VMICAYLL	15	>PTEN-A137\VMICVYLL	13	2
>PTEN-A137\VMICAYLL	9	>PTEN-A137\VMICVYLL	10	1
>PTEN-A137\VMICAYLL	27	>PTEN-A137\VMICVYLL	18	9
>PTEN-A137\VMICAYLL	39	>PTEN-A137\VMICVYLL	50	11
>PTEN-A137\VMICAYLL	10	>PTEN-A137\VMICVYLL	4	6
>PTEN-A137\VMICAYLLHR	1244	>PTEN-A137\VMICVYLLHR	437	807
>PTEN-A137\VMICAYLL	6	>PTEN-A137\VMICVYLL	6	0
>PTEN-A137\VMICAYLL	58	>PTEN-A137\VMICVYLL	29	29
>PTEN-A137\VMICAYLL	136	>PTEN-A137\VMICVYLL	93	43
>PTEN-A137\VMICAYLL	16	>PTEN-A137\VMICVYLL	15	1
>PTEN-A137\VMICAYLLH	1044	>PTEN-A137\VMICVYLLH	453	591
>PTEN-A137\VMICAYLLHR	166	>PTEN-A137\VMICVYLLHR	218	52
>PTEN-A137\VMICAYLLH	1118	>PTEN-A137\VMICVYLLH	458	660
>PTEN-A137\VMICAYLLHR	52	>PTEN-A137\VMICVYLLHR	80	28
>PTEN-A137\VMICAYLL	100	>PTEN-A137\VMICVYLL	89	11
>PTEN-A137\VMICAYLLH	46	>PTEN-A137\VMICVYLLH	44	2
>PTEN-A137\VMICAYLLHR	44	>PTEN-A137\VMICVYLLHR	38	6
>PTEN-A137\VMICAYLLHR	237	>PTEN-A137\VMICVYLLHR	125	112
>PTEN-A137\VMICAYLLHR	119	>PTEN-A137\VMICVYLLHR	79	40
>PTEN-A137\VMICAYLL	126	>PTEN-A137\VMICVYLL	151	25
>PTEN-A137\VMICAYLLHR	434	>PTEN-A137\VMICVYLLHR	666	232
>PTEN-A137\VMICAYLLHR	70	>PTEN-A137\VMICVYLLHR	74	4

>PTEN-A137\VMICAYLLHR	58	>PTEN-A137\VMICVYLLHR	105	47
>PTEN-A137\GVMICAYL	66	>PTEN-A137\GVMICVYL	42	24
>PTEN-A137\GVMICAYLL	57	>PTEN-A137\GVMICVYLL	22	35
>PTEN-A137\GVMICAYL	20	>PTEN-A137\GVMICVYL	22	2
>PTEN-A137\GVMICAYLL	18	>PTEN-A137\GVMICVYLL	11	7
>PTEN-A137\GVMICAYL	260	>PTEN-A137\GVMICVYL	365	105
>PTEN-A137\GVMICAYLL	1051	>PTEN-A137\GVMICVYLL	241	810
>PTEN-A137\GVMICAYL	51	>PTEN-A137\GVMICVYL	53	2
>PTEN-A137\GVMICAYLL	112	>PTEN-A137\GVMICVYLL	92	20
>PTEN-A137\GVMICAYL	844	>PTEN-A137\GVMICVYL	493	351
>PTEN-A137\GVMICAYL	346	>PTEN-A137\GVMICVYL	340	6
>PTEN-A137\GVMICAYLL	327	>PTEN-A137\GVMICVYLL	117	210
>PTEN-A137\GVMICAYL	403	>PTEN-A137\GVMICVYL	369	34
>PTEN-A137\GVMICAYLL	2518	>PTEN-A137\GVMICVYLL	461	2057
>PTEN-A137\GVMICAYL	574	>PTEN-A137\GVMICVYL	457	117
>PTEN-A137\GVMICAYLLH	52	>PTEN-A137\GVMICVYLLH	48	4
>PTEN-A137\GVMICAYLLH	38	>PTEN-A137\GVMICVYLLH	29	9
>PTEN-A137\GVMICAYLLH	177	>PTEN-A137\GVMICVYLLH	197	20
>PTEN-A137\GVMICAYL	485	>PTEN-A137\GVMICVYL	385	100
>PTEN-A137\GVMICAYLL	582	>PTEN-A137\GVMICVYLL	222	360
>PTEN-A137\GVMICAYLL	222	>PTEN-A137\GVMICVYLL	578	356
>PTEN-A137\GVMICAYLLH	198	>PTEN-A137\GVMICVYLLH	140	58
>PTEN-A137\GVMICAYLLH	132	>PTEN-A137\GVMICVYLLH	168	36
>PTEN-A137\TGVMICAYL	267	>PTEN-A137\TGVMICVYL	338	71
>PTEN-A137\TGVMICAY	166	>PTEN-A137\TGVMICVY	697	531
>PTEN-A137\RTGVMICA	10946	>PTEN-A137\RTGVMICV	399	10547
>PTEN-A137\RTGVMICAY	243	>PTEN-A137\RTGVMICVY	263	20
>PTEN-A137\RTGVMICAYL	398	>PTEN-A137\RTGVMICVYL	1635	1237
>PTEN-A137\RTGVMICAY	169	>PTEN-A137\RTGVMICVY	720	551
>PTEN-A137\RTGVMICAYL	632	>PTEN-A137\RTGVMICVYL	255	377
>PTEN-A137\RTGVMICAYL	114	>PTEN-A137\RTGVMICVYL	128	14
>PTEN-A137\RTGVMICAYL	74	>PTEN-A137\RTGVMICVYL	117	43
>PTEN-A137\RTGVMICAY	228	>PTEN-A137\RTGVMICVY	206	22
>PTEN-A137\RTGVMICAY	70	>PTEN-A137\RTGVMICVY	68	2
>PTEN-A137\RTGVMICAY	13	>PTEN-A137\RTGVMICVY	7	6
>PTEN-A137\RTGVMICAYL	12	>PTEN-A137\RTGVMICVYL	22	10
>PTEN-A137\RTGVMICAYL	14	>PTEN-A137\RTGVMICVYL	16	2
>PTEN-A137\RTGVMICAY	205	>PTEN-A137\RTGVMICVY	43	162
>PTEN-A137\RTGVMICAYL	438	>PTEN-A137\RTGVMICVYL	633	195
>PTEN-A137\RTGVMICAYL	428	>PTEN-A137\RTGVMICVYL	188	240
>PTEN-A137\RTGVMICAYL	90	>PTEN-A137\RTGVMICVYL	182	92
>PTEN-A137\RTGVMICAYL	56	>PTEN-A137\RTGVMICVYL	50	6
>PTEN-A137\RTGVMICA	2134	>PTEN-A137\RTGVMICV	235	1899

>PTEN-A137\RTGVMICAY	378	>PTEN-A137\RTGVMICVY	104	274
>PTEN-A137\RTGVMICAYL	72	>PTEN-A137\RTGVMICVYL	62	10
>PTEN-A137\RTGVMICAYL	235	>PTEN-A137\RTGVMICVYL	311	76
>PTEN-A137\RTGVMICAYL	394	>PTEN-A137\RTGVMICVYL	466	72
>PTEN-A137\GRTGVMICA	756	>PTEN-A137\GRTGVMICV	269	487
>PTEN-A137\GRTGVMICA'	113	>PTEN-A137\GRTGVMICV'	107	6
>PTEN-A137\GRTGVMICA'	258	>PTEN-A137\GRTGVMICV'	203	55
>PTEN-A137\GRTGVMICA'	334	>PTEN-A137\GRTGVMICV'	226	108
>PTEN-A137\GRTGVMICA'	78	>PTEN-A137\GRTGVMICV'	62	16
>PTEN-A137\KGRTGVMIC\	21	>PTEN-A137\KGRTGVMIC\	37	16
>PTEN-A137\KGRTGVMIC\	38	>PTEN-A137\KGRTGVMIC\	55	17
>PTEN-A137\KGRTGVMIC\	314	>PTEN-A137\KGRTGVMIC\	351	37
>PTEN-A137\KGRTGVMIC\	165	>PTEN-A137\KGRTGVMIC\	165	0
>PTEN-A137\KGRTGVMIC\	174	>PTEN-A137\KGRTGVMIC\	268	94
>PTEN-A137\KGRTGVMIC\	135	>PTEN-A137\KGRTGVMIC\	124	11
>PTEN-A137\KGRTGVMIC\	666	>PTEN-A137\KGRTGVMIC\	251	415
>PTEN-A148\IAQEALDFYGE	422	>PTEN-A148\IEQEALDFYGE	4526	4104
>PTEN-A148\IAQEALDFYGE	39	>PTEN-A148\IEQEALDFYGE	739	700
>PTEN-A148\IAQEALDFY	178	>PTEN-A148\IEQEALDFY	1099	921
>PTEN-A148\IAQEALDFY	421	>PTEN-A148\IEQEALDFY	2365	1944
>PTEN-A148\IKAQEALDF	34992	>PTEN-A148\IKEQEALDF	424	34568
>PTEN-A148\IKAQEALDFY	27499	>PTEN-A148\IKEQEALDFY	171	27328
>PTEN-A148\IKAQEALDFY	271	>PTEN-A148\IKEQEALDFY	4455	4184
>PTEN-A148\IKAQEALDFY	46	>PTEN-A148\IKEQEALDFY	355	309
>PTEN-A148\IKAQEALDF	309	>PTEN-A148\IKEQEALDF	445	136
>PTEN-A148\IKAQEALDF	30	>PTEN-A148\IKEQEALDF	13724	13694
>PTEN-A148\IKAQEALDFY	139	>PTEN-A148\IKEQEALDFY	19969	19830
>PTEN-A148\IKAQEALDF	21912	>PTEN-A148\IKEQEALDF	400	21512
>PTEN-A148\IKAQEALDFY	17308	>PTEN-A148\IKEQEALDFY	179	17129
>PTEN-A148\IKAQEALDF	34275	>PTEN-A148\IKEQEALDF	242	34033
>PTEN-A148\IKAQEALDFYCG	34203	>PTEN-A148\IKEQEALDFYCG	386	33817
>PTEN-A148\IKAQEALDF	18381	>PTEN-A148\IKEQEALDF	354	18027
>PTEN-A148\IKAQEALDFY	19465	>PTEN-A148\IKEQEALDFY	427	19038
>PTEN-A148\IKAQEALDFYCG	25753	>PTEN-A148\IKEQEALDFYCG	483	25270
>PTEN-A148\IKAQEALDF	27184	>PTEN-A148\IKEQEALDF	100	27084
>PTEN-A148\IKAQEALDFY	25514	>PTEN-A148\IKEQEALDFY	75	25439
>PTEN-A148\IKAQEALDFYCG	23746	>PTEN-A148\IKEQEALDFYCG	292	23454
>PTEN-A148\IKAQEALDFY	481	>PTEN-A148\IKEQEALDFY	21090	20609
>PTEN-A148\IKAQEALDF	133	>PTEN-A148\IKEQEALDF	16314	16181
>PTEN-A148\IKAQEALDFY	195	>PTEN-A148\IKEQEALDFY	17483	17288
>PTEN-A148\IKAQEALDFY	33839	>PTEN-A148\IKEQEALDFY	398	33441
>PTEN-A148\IYLLHRGKFLK\	86	>PTEN-A148\IYLLHRGKFLKI	16640	16554
>PTEN-A148\IYLLHRGKFLK\	446	>PTEN-A148\IYLLHRGKFLKI	14356	13910

>PTEN-A148IYLLHRGKFLK/	44	>PTEN-A148IYLLHRGKFLKI	13759	13715
>PTEN-A148IYLLHRGKFLK/	66	>PTEN-A148IYLLHRGKFLKI	8308	8242
>PTEN-A148IYLLHRGKFLK/	12	>PTEN-A148IYLLHRGKFLKI	4809	4797
>PTEN-A148IYLLHRGKFLK/	39	>PTEN-A148IYLLHRGKFLKI	11832	11793
>PTEN-A148IYLLHRGKFLK/	17	>PTEN-A148IYLLHRGKFLKI	10070	10053
>PTEN-A148IYLLHRGKFLK/	317	>PTEN-A148IYLLHRGKFLKI	22634	22317
>PTEN-A148IYLLHRGKFLK/	8	>PTEN-A148IYLLHRGKFLKI	3481	3473
>PTEN-A148IYLLHRGKFLK/	154	>PTEN-A148IYLLHRGKFLKI	2044	1890
>PTEN-A148ILKAQEALDF	6	>PTEN-A148ILKEQEALDF	111	105
>PTEN-A148ILKAQEALDFY	85	>PTEN-A148ILKEQEALDFY	1217	1132
>PTEN-A148IFLKAQEAL	179	>PTEN-A148IFLKEQEAL	97	82
>PTEN-A148IFLKAQEAL	4	>PTEN-A148IFLKEQEAL	4	0
>PTEN-A148IFLKAQEALDF	370	>PTEN-A148IFLKEQEALDF	332	38
>PTEN-A148IFLKAQEAL	8	>PTEN-A148IFLKEQEAL	7	1
>PTEN-A148IFLKAQEAL	280	>PTEN-A148IFLKEQEAL	126	154
>PTEN-A148IFLKAQEAL	58	>PTEN-A148IFLKEQEAL	17	41
>PTEN-A148IFLKAQEAL	47	>PTEN-A148IFLKEQEAL	15	32
>PTEN-A148IFLKAQEAL	875	>PTEN-A148IFLKEQEAL	264	611
>PTEN-A148IFLKAQEAL	1321	>PTEN-A148IFLKEQEAL	435	886
>PTEN-A148IFLKAQEAL	4	>PTEN-A148IFLKEQEAL	3	1
>PTEN-A148IFLKAQEALDF	1457	>PTEN-A148IFLKEQEALDF	478	979
>PTEN-A148IFLKAQEALDF	548	>PTEN-A148IFLKEQEALDF	353	195
>PTEN-A148IFLKAQEALDF	98	>PTEN-A148IFLKEQEALDF	142	44
>PTEN-A148IFLKAQEALDF	209	>PTEN-A148IFLKEQEALDF	275	66
>PTEN-A148IFLKAQEALDF	122	>PTEN-A148IFLKEQEALDF	277	155
>PTEN-A148IFLKAQEAL	68	>PTEN-A148IFLKEQEAL	91	23
>PTEN-A148IFLKAQEAL	343	>PTEN-A148IFLKEQEAL	818	475
>PTEN-A148IFLKAQEALDF	105	>PTEN-A148IFLKEQEALDF	171	66
>PTEN-A148IFLKAQEALDF	105	>PTEN-A148IFLKEQEALDF	145	40
>PTEN-A148IFLKAQEALDF	108	>PTEN-A148IFLKEQEALDF	155	47
>PTEN-A148IFLKAQEALDF	78	>PTEN-A148IFLKEQEALDF	106	28
>PTEN-A148IFLKAQEALDF	37	>PTEN-A148IFLKEQEALDF	59	22
>PTEN-A148IKFLKAQEAL	154	>PTEN-A148IKFLKEQEAL	3323	3169
>PTEN-A148IKFLKAQEALD	77	>PTEN-A148IKFLKEQEALD	86	9
>PTEN-A148IKFLKAQEALD	345	>PTEN-A148IKFLKEQEALD	382	37
>PTEN-A148IKFLKAQEAL	37	>PTEN-A148IKFLKEQEAL	51	14
>PTEN-A148IKFLKAQEALD	9	>PTEN-A148IKFLKEQEALD	10	1
>PTEN-A148IKFLKAQEAL	464	>PTEN-A148IKFLKEQEAL	2567	2103
>PTEN-A148IKFLKAQEALD	364	>PTEN-A148IKFLKEQEALD	459	95
>PTEN-A148IKFLKAQEAL	257	>PTEN-A148IKFLKEQEAL	521	264
>PTEN-A148IGKFLKAQEAL	109	>PTEN-A148IGKFLKEQEAL	154	45
>PTEN-A148IRGKFLKAQEAL	193	>PTEN-A148IRGKFLKEQEAL	964	771
>PTEN-A148ILLHRGKFLKA	194	>PTEN-A148ILLHRGKFLKE	15291	15097

>PTEN-A148ILLHRGKFLKA	132	>PTEN-A148ILLHRGKFLKE	15462	15330
>PTEN-A148ILLHRGKFLKA	8	>PTEN-A148ILLHRGKFLKE	3708	3700
>PTEN-A148ILLHRGKFLKA	230	>PTEN-A148ILLHRGKFLKE	86	144
>PTEN-A148 <sup>+</sup> AQEALDFYGE	422	>PTEN-A148 <sup>+</sup> TQEALDFYGE	984	562
>PTEN-A148 <sup>+</sup> AQEALDFYGE	39	>PTEN-A148 <sup>+</sup> TQEALDFYGE	95	56
>PTEN-A148 <sup>+</sup> AQEALDFY	178	>PTEN-A148 <sup>+</sup> TQEALDFY	283	105
>PTEN-A148 <sup>+</sup> AQEALDFY	421	>PTEN-A148 <sup>+</sup> TQEALDFY	1045	624
>PTEN-A148 <sup>+</sup> KAQEALDFY	7529	>PTEN-A148 <sup>+</sup> KTQEALDFY	190	7339
>PTEN-A148 <sup>+</sup> KAQEALDFY	1686	>PTEN-A148 <sup>+</sup> KTQEALDFY	146	1540
>PTEN-A148 <sup>+</sup> KAQEALDFY	271	>PTEN-A148 <sup>+</sup> KTQEALDFY	8	263
>PTEN-A148 <sup>+</sup> KAQEALDFY	46	>PTEN-A148 <sup>+</sup> KTQEALDFY	18	28
>PTEN-A148 <sup>+</sup> KAQEALDF	1355	>PTEN-A148 <sup>+</sup> KTQEALDF	30	1325
>PTEN-A148 <sup>+</sup> KAQEALDFY	708	>PTEN-A148 <sup>+</sup> KTQEALDFY	87	621
>PTEN-A148 <sup>+</sup> KAQEALDF	309	>PTEN-A148 <sup>+</sup> KTQEALDF	512	203
>PTEN-A148 <sup>+</sup> KAQEALDF	30	>PTEN-A148 <sup>+</sup> KTQEALDF	7	23
>PTEN-A148 <sup>+</sup> KAQEALDFY	139	>PTEN-A148 <sup>+</sup> KTQEALDFY	23	116
>PTEN-A148 <sup>+</sup> KAQEALDF	767	>PTEN-A148 <sup>+</sup> KTQEALDF	389	378
>PTEN-A148 <sup>+</sup> KAQEALDFY	481	>PTEN-A148 <sup>+</sup> KTQEALDFY	293	188
>PTEN-A148 <sup>+</sup> KAQEALDF	133	>PTEN-A148 <sup>+</sup> KTQEALDF	103	30
>PTEN-A148 <sup>+</sup> KAQEALDFY	195	>PTEN-A148 <sup>+</sup> KTQEALDFY	144	51
>PTEN-A148 <sup>+</sup> KAQEALDFY	1326	>PTEN-A148 <sup>+</sup> KTQEALDFY	62	1264
>PTEN-A148 <sup>+</sup> YLLHRGKFLK/	86	>PTEN-A148 <sup>+</sup> YLLHRGKFLK <sup>+</sup>	462	376
>PTEN-A148 <sup>+</sup> YLLHRGKFLK/	446	>PTEN-A148 <sup>+</sup> YLLHRGKFLK <sup>+</sup>	2692	2246
>PTEN-A148 <sup>+</sup> YLLHRGKFLK/	44	>PTEN-A148 <sup>+</sup> YLLHRGKFLK <sup>+</sup>	523	479
>PTEN-A148 <sup>+</sup> YLLHRGKFLK/	66	>PTEN-A148 <sup>+</sup> YLLHRGKFLK <sup>+</sup>	351	285
>PTEN-A148 <sup>+</sup> YLLHRGKFLK/	12	>PTEN-A148 <sup>+</sup> YLLHRGKFLK <sup>+</sup>	66	54
>PTEN-A148 <sup>+</sup> YLLHRGKFLK/	39	>PTEN-A148 <sup>+</sup> YLLHRGKFLK <sup>+</sup>	604	565
>PTEN-A148 <sup>+</sup> YLLHRGKFLK/	17	>PTEN-A148 <sup>+</sup> YLLHRGKFLK <sup>+</sup>	150	133
>PTEN-A148 <sup>+</sup> YLLHRGKFLK/	317	>PTEN-A148 <sup>+</sup> YLLHRGKFLK <sup>+</sup>	2083	1766
>PTEN-A148 <sup>+</sup> YLLHRGKFLK/	8	>PTEN-A148 <sup>+</sup> YLLHRGKFLK <sup>+</sup>	41	33
>PTEN-A148 <sup>+</sup> YLLHRGKFLK/	154	>PTEN-A148 <sup>+</sup> YLLHRGKFLK <sup>+</sup>	1480	1326
>PTEN-A148 <sup>+</sup> LKAQEALDF	6	>PTEN-A148 <sup>+</sup> LKTQEALDF	13	7
>PTEN-A148 <sup>+</sup> LKAQEALDFY	85	>PTEN-A148 <sup>+</sup> LKTQEALDFY	182	97
>PTEN-A148 <sup>+</sup> FLKAQEAL	179	>PTEN-A148 <sup>+</sup> FLKTQEAL	366	187
>PTEN-A148 <sup>+</sup> FLKAQEAL	4	>PTEN-A148 <sup>+</sup> FLKTQEAL	6	2
>PTEN-A148 <sup>+</sup> FLKAQEALDF	370	>PTEN-A148 <sup>+</sup> FLKTQEALDF <sup>+</sup>	897	527
>PTEN-A148 <sup>+</sup> FLKAQEAL	8	>PTEN-A148 <sup>+</sup> FLKTQEAL	12	4
>PTEN-A148 <sup>+</sup> FLKAQEAL	280	>PTEN-A148 <sup>+</sup> FLKTQEAL	693	413
>PTEN-A148 <sup>+</sup> FLKAQEAL	58	>PTEN-A148 <sup>+</sup> FLKTQEAL	121	63
>PTEN-A148 <sup>+</sup> FLKAQEAL	47	>PTEN-A148 <sup>+</sup> FLKTQEAL	49	2
>PTEN-A148 <sup>+</sup> FLKAQEAL	4	>PTEN-A148 <sup>+</sup> FLKTQEAL	6	2
>PTEN-A148 <sup>+</sup> FLKAQEALDF	548	>PTEN-A148 <sup>+</sup> FLKTQEALDF <sup>+</sup>	351	197
>PTEN-A148 <sup>+</sup> FLKAQEALDF	98	>PTEN-A148 <sup>+</sup> FLKTQEALDF <sup>+</sup>	110	12

>PTEN-A148` FLKAQEALDF	209	>PTEN-A148` FLKTQEALDF'	175	34
>PTEN-A148` FLKAQEALDF	122	>PTEN-A148` FLKTQEALDF'	305	183
>PTEN-A148` FLKAQEAL	68	>PTEN-A148` FLKTQEAL	56	12
>PTEN-A148` FLKAQEAL	343	>PTEN-A148` FLKTQEAL	1068	725
>PTEN-A148` FLKAQEALDF	105	>PTEN-A148` FLKTQEALDF	266	161
>PTEN-A148` FLKAQEALDF	105	>PTEN-A148` FLKTQEALDF'	232	127
>PTEN-A148` FLKAQEALDF	108	>PTEN-A148` FLKTQEALDF	316	208
>PTEN-A148` FLKAQEALDF	78	>PTEN-A148` FLKTQEALDF'	199	121
>PTEN-A148` FLKAQEAL	515	>PTEN-A148` FLKTQEAL	393	122
>PTEN-A148` FLKAQEALDF	37	>PTEN-A148` FLKTQEALDF	34	3
>PTEN-A148` KFLKAQEAL	154	>PTEN-A148` KFLKTQEAL	45	109
>PTEN-A148` KFLKAQEALD	77	>PTEN-A148` KFLKTQEALD	71	6
>PTEN-A148` KFLKAQEALD	345	>PTEN-A148` KFLKTQEALD	337	8
>PTEN-A148` KFLKAQEAL	37	>PTEN-A148` KFLKTQEAL	55	18
>PTEN-A148` KFLKAQEALD	9	>PTEN-A148` KFLKTQEALD	10	1
>PTEN-A148` KFLKAQEA	464	>PTEN-A148` KFLKTQEA	308	156
>PTEN-A148` KFLKAQEALD	745	>PTEN-A148` KFLKTQEALD	482	263
>PTEN-A148` KFLKAQEALD	364	>PTEN-A148` KFLKTQEALD	259	105
>PTEN-A148` KFLKAQEA	626	>PTEN-A148` KFLKTQEA	348	278
>PTEN-A148` KFLKAQEAL	257	>PTEN-A148` KFLKTQEAL	67	190
>PTEN-A148` GKFLKAQEAL	109	>PTEN-A148` GKFLKTQEAL	76	33
>PTEN-A148` RGKFLKAQEA	193	>PTEN-A148` RGKFLKTQEA	221	28
>PTEN-A148` LLHRGKFLKA	194	>PTEN-A148` LLHRGKFLKT	488	294
>PTEN-A148` LLHRGKFLKA	132	>PTEN-A148` LLHRGKFLKT	1054	922
>PTEN-A148` LLHRGKFLKA	8	>PTEN-A148` LLHRGKFLKT	38	30
>PTEN-A148` LLHRGKFLKA	230	>PTEN-A148` LLHRGKFLKT	87	143
>PTEN-A151I ALDFYGEV	41	>PTEN-A151I DLDFYGEV	6083	6042
>PTEN-A151I ALDFYGEV	17	>PTEN-A151I DLDFYGEV	1734	1717
>PTEN-A151I ALDFYGEV	34	>PTEN-A151I DLDFYGEV	3405	3371
>PTEN-A151I ALDFYGEV	128	>PTEN-A151I DLDFYGEV	4522	4394
>PTEN-A151I ALDFYGEV	3	>PTEN-A151I DLDFYGEV	22	19
>PTEN-A151I ALDFYGEVRT	308	>PTEN-A151I DLDFYGEVRT	7435	7127
>PTEN-A151I ALDFYGEV	12	>PTEN-A151I DLDFYGEV	567	555
>PTEN-A151I ALDFYGEV	9	>PTEN-A151I DLDFYGEV	72	63
>PTEN-A151I ALDFYGEV	29	>PTEN-A151I DLDFYGEV	125	96
>PTEN-A151I ALDFYGEV	3	>PTEN-A151I DLDFYGEV	61	58
>PTEN-A151I ALDFYGEVRT	416	>PTEN-A151I DLDFYGEVRT	10878	10462
>PTEN-A151I ALDFYGEV	1767	>PTEN-A151I DLDFYGEV	107	1660
>PTEN-A151I EALDFYGEV	224	>PTEN-A151I EDLDFYGEV	6665	6441
>PTEN-A151I EALDFYGEV	188	>PTEN-A151I EDLDFYGEV	7323	7135
>PTEN-A151I EALDFYGEVR	299	>PTEN-A151I EDLDFYGEVR	3117	2818
>PTEN-A151I EALDFYGEVR	28	>PTEN-A151I EDLDFYGEVR	10039	10011
>PTEN-A151I EALDFYGEV	11	>PTEN-A151I EDLDFYGEV	679	668



>PTEN-A151IEALDFYGEV	4	>PTEN-A151IEDLDFYGEV	52	48
>PTEN-A151IEALDFYGEV	26231	>PTEN-A151IEDLDFYGEV	57	26174
>PTEN-A151IQEALDFYGEV	22	>PTEN-A151IQEDLDFYGEV	106	84
>PTEN-A151IQEALDFYGEV	112	>PTEN-A151IQEDLDFYGEV	144	32
>PTEN-A151IQEALDFYGEV	426	>PTEN-A151IQEDLDFYGEV	375	51
>PTEN-A151IQEALDFYGEV	361	>PTEN-A151IQEDLDFYGEV	1184	823
>PTEN-A151IQEALDFYGEV	116	>PTEN-A151IQEDLDFYGEV	154	38
>PTEN-A151IAQEALDFYGE	422	>PTEN-A151IAQEDLDFYGE	364	58
>PTEN-A151IAQEALDFYGE	39	>PTEN-A151IAQEDLDFYGE	25	14
>PTEN-A151IAQEALDFYGE	942	>PTEN-A151IAQEDLDFYGE	380	562
>PTEN-A151IAQEALDFYGE	2427	>PTEN-A151IAQEDLDFYGE	408	2019
>PTEN-A151IAQEALDFY	178	>PTEN-A151IAQEDLDFY	163	15
>PTEN-A151IAQEALDFY	421	>PTEN-A151IAQEDLDFY	641	220
>PTEN-A151IKAQEALDFY	271	>PTEN-A151IKAQEDLDFY	138	133
>PTEN-A151IKAQEALDFY	46	>PTEN-A151IKAQEDLDFY	35	11
>PTEN-A151IKAQEALDF	309	>PTEN-A151IKAQEDLDF	704	395
>PTEN-A151IKAQEALDF	30	>PTEN-A151IKAQEDLDF	102	72
>PTEN-A151IKAQEALDFY	139	>PTEN-A151IKAQEDLDFY	670	531
>PTEN-A151IKAQEALDFY	481	>PTEN-A151IKAQEDLDFY	1222	741
>PTEN-A151IKAQEALDF	133	>PTEN-A151IKAQEDLDF	200	67
>PTEN-A151IKAQEALDFY	195	>PTEN-A151IKAQEDLDFY	524	329
>PTEN-A151ILKAQEALDF	6	>PTEN-A151ILKAQEDLDF	20	14
>PTEN-A151ILKAQEALDFY	85	>PTEN-A151ILKAQEDLDFY	191	106
>PTEN-A151IFLKAQEAL	179	>PTEN-A151IFLKAQEDL	1308	1129
>PTEN-A151IFLKAQEAL	4	>PTEN-A151IFLKAQEDL	13	9
>PTEN-A151IFLKAQEALDF	370	>PTEN-A151IFLKAQEDLDF	520	150
>PTEN-A151IFLKAQEAL	8	>PTEN-A151IFLKAQEDL	31	23
>PTEN-A151IFLKAQEAL	280	>PTEN-A151IFLKAQEDL	2540	2260
>PTEN-A151IFLKAQEAL	58	>PTEN-A151IFLKAQEDL	630	572
>PTEN-A151IFLKAQEAL	47	>PTEN-A151IFLKAQEDL	534	487
>PTEN-A151IFLKAQEAL	4	>PTEN-A151IFLKAQEDL	7	3
>PTEN-A151IFLKAQEALDF	548	>PTEN-A151IFLKAQEDLDF	471	77
>PTEN-A151IFLKAQEALDF	98	>PTEN-A151IFLKAQEDLDF	161	63
>PTEN-A151IFLKAQEALDF	209	>PTEN-A151IFLKAQEDLDF	295	86
>PTEN-A151IFLKAQEALDF	122	>PTEN-A151IFLKAQEDLDF	129	7
>PTEN-A151IFLKAQEAL	68	>PTEN-A151IFLKAQEDL	489	421
>PTEN-A151IFLKAQEAL	343	>PTEN-A151IFLKAQEDL	3427	3084
>PTEN-A151IFLKAQEALDF	105	>PTEN-A151IFLKAQEDLDF	167	62
>PTEN-A151IFLKAQEALDF	105	>PTEN-A151IFLKAQEDLDF	194	89
>PTEN-A151IFLKAQEALDF	108	>PTEN-A151IFLKAQEDLDF	104	4
>PTEN-A151IFLKAQEALDF	78	>PTEN-A151IFLKAQEDLDF	107	29
>PTEN-A151IFLKAQEALDF	37	>PTEN-A151IFLKAQEDLDF	144	107
>PTEN-A151IKFLKAQEAL	154	>PTEN-A151IKFLKAQEDL	905	751

>PTEN-A151IKFLKAQEALD	77	>PTEN-A151IKFLKAQEDLD	60	17
>PTEN-A151IKFLKAQEALD	345	>PTEN-A151IKFLKAQEDLD	522	177
>PTEN-A151IKFLKAQEAL	37	>PTEN-A151IKFLKAQEDL	92	55
>PTEN-A151IKFLKAQEALD	9	>PTEN-A151IKFLKAQEDLD	10	1
>PTEN-A151IKFLKAQEA	464	>PTEN-A151IKFLKAQED	6577	6113
>PTEN-A151IKFLKAQEALD	364	>PTEN-A151IKFLKAQEDLD	635	271
>PTEN-A151IKFLKAQEAL	257	>PTEN-A151IKFLKAQEDL	724	467
>PTEN-A151IGKFLKAQEAL	109	>PTEN-A151IGKFLKAQEDL	444	335
>PTEN-A151IRGKFLKAQEA	193	>PTEN-A151IRGKFLKAQEC	4800	4607
>PTEN-A151ALDFYGEV	41	>PTEN-A151TLDFYGEV	72	31
>PTEN-A151ALDFYGEV	17	>PTEN-A151TLDFYGEV	33	16
>PTEN-A151ALDFYGEV	34	>PTEN-A151TLDFYGEV	69	35
>PTEN-A151ALDFYGEV	128	>PTEN-A151TLDFYGEV	269	141
>PTEN-A151ALDFYGEV	3	>PTEN-A151TLDFYGEV	4	1
>PTEN-A151ALDFYGEVRT	308	>PTEN-A151TLDFYGEVRT	1371	1063
>PTEN-A151ALDFYGEV	12	>PTEN-A151TLDFYGEV	28	16
>PTEN-A151ALDFYGEV	9	>PTEN-A151TLDFYGEV	17	8
>PTEN-A151ALDFYGEV	29	>PTEN-A151TLDFYGEV	50	21
>PTEN-A151ALDFYGEV	3	>PTEN-A151TLDFYGEV	6	3
>PTEN-A151ALDFYGEVRT	416	>PTEN-A151TLDFYGEVRT	2404	1988
>PTEN-A151ALDFYGEV	1767	>PTEN-A151TLDFYGEV	130	1637
>PTEN-A151EALDFYGEV	224	>PTEN-A151ETLDFYGEV	510	286
>PTEN-A151EALDFYGEV	188	>PTEN-A151ETLDFYGEV	44	144
>PTEN-A151EALDFYGEV	2235	>PTEN-A151ETLDFYGEV	89	2146
>PTEN-A151EALDFYGEVR	1029	>PTEN-A151ETLDFYGEVR	475	554
>PTEN-A151EALDFYGEVR	299	>PTEN-A151ETLDFYGEVR	125	174
>PTEN-A151EALDFYGEVR	28	>PTEN-A151ETLDFYGEVR	10	18
>PTEN-A151EALDFYGEV	11	>PTEN-A151ETLDFYGEV	6	5
>PTEN-A151EALDFYGE	2016	>PTEN-A151ETLDFYGE	345	1671
>PTEN-A151EALDFYGEV	4	>PTEN-A151ETLDFYGEV	3	1
>PTEN-A151EALDFYGEVR	519	>PTEN-A151ETLDFYGEVR	123	396
>PTEN-A151EALDFYGEVR	510	>PTEN-A151ETLDFYGEVR	371	139
>PTEN-A151QEALDFYGEV	22	>PTEN-A151QETLDFYGEV	38	16
>PTEN-A151QEALDFYGEV	112	>PTEN-A151QETLDFYGEV	136	24
>PTEN-A151QEALDFYGEV	426	>PTEN-A151QETLDFYGEV	719	293
>PTEN-A151QEALDFYGEV	361	>PTEN-A151QETLDFYGEV	761	400
>PTEN-A151QEALDFYGEV	116	>PTEN-A151QETLDFYGEV	219	103
>PTEN-A151AQEALDFYGE	422	>PTEN-A151AQETLDFYGE	1118	696
>PTEN-A151AQEALDFYGE	39	>PTEN-A151AQETLDFYGE	76	37
>PTEN-A151AQEALDFY	178	>PTEN-A151AQETLDFY	146	32
>PTEN-A151AQEALDFY	421	>PTEN-A151AQETLDFY	1142	721
>PTEN-A151KAQEALDFY	271	>PTEN-A151KAQETLDFY	426	155
>PTEN-A151KAQEALDFY	46	>PTEN-A151KAQETLDFY	40	6

>PTEN-A151`KAQEALDFY	708	>PTEN-A151`KAQETLDFY	307	401
>PTEN-A151`KAQEALDF	309	>PTEN-A151`KAQETLDF	161	148
>PTEN-A151`KAQEALDF	30	>PTEN-A151`KAQETLDF	28	2
>PTEN-A151`KAQEALDFY	139	>PTEN-A151`KAQETLDFY	79	60
>PTEN-A151`KAQEALDFY	481	>PTEN-A151`KAQETLDFY	986	505
>PTEN-A151`KAQEALDF	133	>PTEN-A151`KAQETLDF	78	55
>PTEN-A151`KAQEALDFY	195	>PTEN-A151`KAQETLDFY	93	102
>PTEN-A151`LKAQEALDF	6	>PTEN-A151`LKAQETLDF	6	0
>PTEN-A151`LKAQEALDFY	85	>PTEN-A151`LKAQETLDFY	57	28
>PTEN-A151`FLKAQEAL	179	>PTEN-A151`FLKAQETL	199	20
>PTEN-A151`FLKAQEAL	4	>PTEN-A151`FLKAQETL	7	3
>PTEN-A151`FLKAQEALDF	370	>PTEN-A151`FLKAQETLDF`	508	138
>PTEN-A151`FLKAQEAL	8	>PTEN-A151`FLKAQETL	10	2
>PTEN-A151`FLKAQEAL	280	>PTEN-A151`FLKAQETL	620	340
>PTEN-A151`FLKAQEAL	58	>PTEN-A151`FLKAQETL	54	4
>PTEN-A151`FLKAQEAL	47	>PTEN-A151`FLKAQETL	44	3
>PTEN-A151`FLKAQEAL	875	>PTEN-A151`FLKAQETL	267	608
>PTEN-A151`FLKAQEAL	4	>PTEN-A151`FLKAQETL	3	1
>PTEN-A151`FLKAQEALDF	98	>PTEN-A151`FLKAQETLDF`	114	16
>PTEN-A151`FLKAQEALDF	209	>PTEN-A151`FLKAQETLDF`	355	146
>PTEN-A151`FLKAQEALDF	122	>PTEN-A151`FLKAQETLDF`	88	34
>PTEN-A151`FLKAQEAL	68	>PTEN-A151`FLKAQETL	100	32
>PTEN-A151`FLKAQEAL	343	>PTEN-A151`FLKAQETL	657	314
>PTEN-A151`FLKAQEALDF	105	>PTEN-A151`FLKAQETLDF	92	13
>PTEN-A151`FLKAQEALDF	105	>PTEN-A151`FLKAQETLDF`	118	13
>PTEN-A151`FLKAQEALDF	108	>PTEN-A151`FLKAQETLDF	92	16
>PTEN-A151`FLKAQEALDF	78	>PTEN-A151`FLKAQETLDF`	81	3
>PTEN-A151`FLKAQEALDF	37	>PTEN-A151`FLKAQETLDF	26	11
>PTEN-A151`FLKAQEALDF	716	>PTEN-A151`FLKAQETLDF`	426	290
>PTEN-A151`KFLKAQEAL	154	>PTEN-A151`KFLKAQETL	31	123
>PTEN-A151`KFLKAQEAL	1266	>PTEN-A151`KFLKAQETL	235	1031
>PTEN-A151`KFLKAQEALD	77	>PTEN-A151`KFLKAQETLD	40	37
>PTEN-A151`KFLKAQEAL	3709	>PTEN-A151`KFLKAQETL	471	3238
>PTEN-A151`KFLKAQEALD	345	>PTEN-A151`KFLKAQETLD	204	141
>PTEN-A151`KFLKAQEAL	37	>PTEN-A151`KFLKAQETL	19	18
>PTEN-A151`KFLKAQEALD	9	>PTEN-A151`KFLKAQETLD	7	2
>PTEN-A151`KFLKAQEA	464	>PTEN-A151`KFLKAQET	5905	5441
>PTEN-A151`KFLKAQEAL	1092	>PTEN-A151`KFLKAQETL	452	640
>PTEN-A151`KFLKAQEALD	745	>PTEN-A151`KFLKAQETLD	338	407
>PTEN-A151`KFLKAQEALD	364	>PTEN-A151`KFLKAQETLD	322	42
>PTEN-A151`KFLKAQEAL	257	>PTEN-A151`KFLKAQETL	280	23
>PTEN-A151`GKFLKAQEAL	109	>PTEN-A151`GKFLKAQETL	172	63
>PTEN-A151`RGKFLKAQEA	193	>PTEN-A151`RGKFLKAQET	3853	3660

>PTEN-A39T-AERLEGVY	166	>PTEN-A39T-TERLEGVY	52	114
>PTEN-A39T-AERLEGVY	1288	>PTEN-A39T-TERLEGVY	139	1149
>PTEN-A39T-AERLEGVYR	1352	>PTEN-A39T-TERLEGVYR	317	1035
>PTEN-A39T-PAERLEGVY	2803	>PTEN-A39T-PTERLEGVY	41	2762
>PTEN-A39T-PAERLEGVY	1298	>PTEN-A39T-PTERLEGVY	409	889
>PTEN-A39T-YPNIIAMGFP	91	>PTEN-A39T-YPNIIAMGFP	244	153
>PTEN-A39T-YPNIIAMGFP	37	>PTEN-A39T-YPNIIAMGFP	35	2
>PTEN-A39T-YPNIIAMGFP	6	>PTEN-A39T-YPNIIAMGFP	22	16
>PTEN-A39T-FPAERLEGV	65	>PTEN-A39T-FPTERLEGV	124	59
>PTEN-A39T-FPAERLEGVY	125	>PTEN-A39T-FPTERLEGVYI	255	130
>PTEN-A39T-FPAERLEGV	277	>PTEN-A39T-FPTERLEGV	1880	1603
>PTEN-A39T-FPAERLEGV	67	>PTEN-A39T-FPTERLEGV	297	230
>PTEN-A39T-FPAERLEGV	226	>PTEN-A39T-FPTERLEGV	1310	1084
>PTEN-A39T-FPAERLEGVY	481	>PTEN-A39T-FPTERLEGVY	811	330
>PTEN-A39T-FPAERLEGVY	17	>PTEN-A39T-FPTERLEGVY	18	1
>PTEN-A39T-FPAERLEGV	250	>PTEN-A39T-FPTERLEGV	404	154
>PTEN-A39T-FPAERLEGVY	170	>PTEN-A39T-FPTERLEGVY	166	4
>PTEN-A39T-FPAERLEG	462	>PTEN-A39T-FPTERLEG	511	49
>PTEN-A39T-FPAERLEGV	85	>PTEN-A39T-FPTERLEGV	106	21
>PTEN-A39T-FPAERLEGVY	29	>PTEN-A39T-FPTERLEGVY	92	63
>PTEN-A39T-FPAERLEGVY	82	>PTEN-A39T-FPTERLEGVY	108	26
>PTEN-A39T-FPAERLEGVY	459	>PTEN-A39T-FPTERLEGVYI	583	124
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>PTEN-A39T-MGFPAERLEGV	186	>PTEN-A39T-MGFPTERLEGV	218	32
>PTEN-A39T-MGFPAERLEGV	355	>PTEN-A39T-MGFPTERLEGV	230	125
>PTEN-A39T-MGFPAERL	378	>PTEN-A39T-MGFPTERL	447	69
>PTEN-A39T-MGFPAERLEGV	46	>PTEN-A39T-MGFPTERLEGV	99	53
>PTEN-A39T-MGFPAERL	258	>PTEN-A39T-MGFPTERL	348	90
>PTEN-A39T-AMGFPAERL	365	>PTEN-A39T-AMGFPTERL	88	277
>PTEN-A39T-AMGFPAERL	15	>PTEN-A39T-AMGFPTERL	11	4
>PTEN-A39T-AMGFPAERL	454	>PTEN-A39T-AMGFPTERL	173	281
>PTEN-A39T-AMGFPAERL	403	>PTEN-A39T-AMGFPTERL	247	156
>PTEN-A39T-AMGFPAERL	195	>PTEN-A39T-AMGFPTERL	35	160
>PTEN-A39T-AMGFPAERL	29	>PTEN-A39T-AMGFPTERL	16	13
>PTEN-A39T-AMGFPAER	75	>PTEN-A39T-AMGFPTER	55	20
>PTEN-A39T-AMGFPAERL	1075	>PTEN-A39T-AMGFPTERL	371	704
>PTEN-A39T-IAMGFPAERL	982	>PTEN-A39T-IAMGFPTERL	414	568
>PTEN-A39T-IAMGFPAERL	65	>PTEN-A39T-IAMGFPTERL	41	24
>PTEN-A39T-IAMGFPAERL	643	>PTEN-A39T-IAMGFPTERL	198	445
>PTEN-A39T-IAMGFPAERL	1215	>PTEN-A39T-IAMGFPTERL	480	735
>PTEN-A39T-IAMGFPAERL	445	>PTEN-A39T-IAMGFPTERL	491	46
>PTEN-A39T-IAMGFPAER	222	>PTEN-A39T-IAMGFPTER	269	47

>PTEN-A39T- IAMGFPAER	32	>PTEN-A39T- IAMGFPTER	50	18
>PTEN-A39T- IAMGFPAER	58	>PTEN-A39T- IAMGFPTER	94	36
>PTEN-A39T- IAMGFPAER	8	>PTEN-A39T- IAMGFPTER	11	3
>PTEN-A39T- IAMGFPAERL	19	>PTEN-A39T- IAMGFPTERL	40	21
>PTEN-A39T- IAMGFPAERL	332	>PTEN-A39T- IAMGFPTERL	487	155
>PTEN-A39T- IAMGFPAERL	476	>PTEN-A39T- IAMGFPTERL	437	39
>PTEN-A39T- IAMGFPAER	268	>PTEN-A39T- IAMGFPTER	327	59
>PTEN-A39T- IIAMGFPA	369	>PTEN-A39T- IIAMGFPT	2886	2517
>PTEN-A39T- IIAMGFPA	311	>PTEN-A39T- IIAMGFPT	2345	2034
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>PTEN-A39T- IIAMGFPA	65	>PTEN-A39T- IIAMGFPT	1134	1069
>PTEN-A39T- IIAMGFPAER	654	>PTEN-A39T- IIAMGFPTERI	405	249
>PTEN-A39T- IIAMGFPA	35	>PTEN-A39T- IIAMGFPT	204	169
>PTEN-A39T- IIAMGFPAER	213	>PTEN-A39T- IIAMGFPTERI	197	16
>PTEN-A39T- IIAMGFPAER	471	>PTEN-A39T- IIAMGFPTERI	359	112
>PTEN-A39T- IIAMGFPA	206	>PTEN-A39T- IIAMGFPT	2803	2597
>PTEN-A39T- IIAMGFPAER	73	>PTEN-A39T- IIAMGFPTERI	46	27
>PTEN-A39T- IIAMGFPAER	535	>PTEN-A39T- IIAMGFPTER	281	254
>PTEN-A39T- IIAMGFPAER	83	>PTEN-A39T- IIAMGFPTER	223	140
>PTEN-A39T- IIAMGFPAER	468	>PTEN-A39T- IIAMGFPTER	987	519
>PTEN-A39T- IIAMGFPAER	12	>PTEN-A39T- IIAMGFPTER	19	7
>PTEN-A39T- IIAMGFPAER	273	>PTEN-A39T- IIAMGFPTER	283	10
>PTEN-A39T- NIIAMGFPA	391	>PTEN-A39T- NIIAMGFPT	2591	2200
>PTEN-A39T- NIIAMGFPA	162	>PTEN-A39T- NIIAMGFPT	2153	1991
>PTEN-A39T- NIIAMGFPA	32	>PTEN-A39T- NIIAMGFPT	241	209
>PTEN-A39T- NIIAMGFPAE	150	>PTEN-A39T- NIIAMGFPT	211	61
>PTEN-A39T- NIIAMGFPAE	115	>PTEN-A39T- NIIAMGFPT	163	48
>PTEN-A39T- NIIAMGFPAE	8	>PTEN-A39T- NIIAMGFPT	11	3
>PTEN-A39T- NIIAMGFPA	28	>PTEN-A39T- NIIAMGFPT	447	419
>PTEN-A39T- NIIAMGFPA	154	>PTEN-A39T- NIIAMGFPT	1103	949
>PTEN-A39T- NIIAMGFPAE	235	>PTEN-A39T- NIIAMGFPT	257	22
>PTEN-A3S- $\nu$ AIIKEIVSRNK	271	>PTEN-A3S- $n$ SIIKEIVSRNK	343	72
>PTEN-A3S- $\nu$ AIIKEIVSR	531	>PTEN-A3S- $n$ SIIKEIVSR	390	141
>PTEN-A3S- $\nu$ AIIKEIVSRNK	59	>PTEN-A3S- $n$ SIIKEIVSRNK	33	26
>PTEN-A3S- $\nu$ AIIKEIVSRNK	360	>PTEN-A3S- $n$ SIIKEIVSRNK	644	284
>PTEN-A3S- $\nu$ AIIKEIVSR	388	>PTEN-A3S- $n$ SIIKEIVSR	359	29
>PTEN-A3S- $\nu$ AIIKEIVSR	131	>PTEN-A3S- $n$ SIIKEIVSR	36	95
>PTEN-A3S- $\nu$ AIIKEIVSRNK	1321	>PTEN-A3S- $n$ SIIKEIVSRNK	255	1066
>PTEN-A3S- $\nu$ AIIKEIVSR	326	>PTEN-A3S- $n$ SIIKEIVSR	73	253
>PTEN-A3S- $\nu$ TAIKEIVSR	962	>PTEN-A3S- $n$ TSIKEIVSR	296	666
>PTEN-A3S- $\nu$ TAIKEIVSR	406	>PTEN-A3S- $n$ TSIKEIVSR	146	260
>PTEN-A3S- $\nu$ TAIKEIVSR	24	>PTEN-A3S- $n$ TSIKEIVSR	25	1
>PTEN-A3S- $\nu$ TAIKEIV	224	>PTEN-A3S- $n$ TSIKEIV	289	65

>PTEN-A3S-v MTAIIKEI	121	>PTEN-A3S-n MTSIIKEI	218	97
>PTEN-A3S-v MTAIIKEIV	86	>PTEN-A3S-n MTSIIKEIV	156	70
>PTEN-A3S-v MTAIIKEIVSR	373	>PTEN-A3S-n MTSIIKEIVSR	246	127
>PTEN-A3S-v MTAIIKEIVSR	22	>PTEN-A3S-n MTSIIKEIVSR	19	3
>PTEN-A3S-v MTAIIKEIVSR	145	>PTEN-A3S-n MTSIIKEIVSR	102	43
>PTEN-A3S-v MTAIIKEIVSR	2	>PTEN-A3S-n MTSIIKEIVSR	3	1
>PTEN-A3S-v MTAIIKEI	6	>PTEN-A3S-n MTSIIKEI	10	4
>PTEN-A3S-v MTAIIKEIV	5	>PTEN-A3S-n MTSIIKEIV	6	1
>PTEN-A3S-v MTAIIKEI	286	>PTEN-A3S-n MTSIIKEI	1369	1083
>PTEN-A3S-v MTAIIKEIV	129	>PTEN-A3S-n MTSIIKEIV	765	636
>PTEN-A3S-v MTAIIKEI	94	>PTEN-A3S-n MTSIIKEI	122	28
>PTEN-A3S-v MTAIIKEIV	155	>PTEN-A3S-n MTSIIKEIV	148	7
>PTEN-A3S-v MTAIIKEIVSR	379	>PTEN-A3S-n MTSIIKEIVSR	444	65
>PTEN-A3S-v MTAIIKEI	29	>PTEN-A3S-n MTSIIKEI	48	19
>PTEN-A79T-AKFNCRVAQ\	381	>PTEN-A79T-TKFNCRVAQ\	429	48
>PTEN-A79T-AKFNCRVAQ\	197	>PTEN-A79T-TKFNCRVAQ\	237	40
>PTEN-A79T-AKFNCRVA	52	>PTEN-A79T-TKFNCRVA	279	227
>PTEN-A79T-AKFNCRVAQ	43	>PTEN-A79T-TKFNCRVAQ	157	114
>PTEN-A79T-AKFNCRVAQ\	3	>PTEN-A79T-TKFNCRVAQ\	7	4
>PTEN-A79T-AKFNCRVAQ\	114	>PTEN-A79T-TKFNCRVAQ\	619	505
>PTEN-A79T-TAKFNCRVAC	7492	>PTEN-A79T-TTKFNCRVAC	386	7106
>PTEN-A79T-TAKFNCRVAC	2765	>PTEN-A79T-TTKFNCRVAC	75	2690
>PTEN-A79T-TAKFNCRVAC	1131	>PTEN-A79T-TTKFNCRVAC	213	918
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>PTEN-A79T-TAKFNCRVA	2277	>PTEN-A79T-TTKFNCRVA	480	1797
>PTEN-A79T-TAKFNCRVAC	573	>PTEN-A79T-TTKFNCRVAC	175	398
>PTEN-A79T-TAKFNCRVAC	1164	>PTEN-A79T-TTKFNCRVAC	277	887
>PTEN-A79T-TAKFNCRV	662	>PTEN-A79T-TTKFNCRV	68	594
>PTEN-A79T-TAKFNCRVAC	362	>PTEN-A79T-TTKFNCRVAC	266	96
>PTEN-A79T-TAKFNCRVAC	97	>PTEN-A79T-TTKFNCRVAC	15	82
>PTEN-A79T-TAKFNCRVAC	869	>PTEN-A79T-TTKFNCRVAC	43	826
>PTEN-A79T-NLCAERHYDT	387	>PTEN-A79T-NLCAERHYDT	2772	2385
>PTEN-A79T-DTAKFNCR	20	>PTEN-A79T-DTTKFNCR	13	7
>PTEN-A79T-DTAKFNCR	3	>PTEN-A79T-DTTKFNCR	4	1
>PTEN-A79T-DTAKFNCRVA/	171	>PTEN-A79T-DTTKFNCRVA/	480	309
>PTEN-A79T-DTAKFNCRV	12	>PTEN-A79T-DTTKFNCRV	30	18
>PTEN-A79T-DTAKFNCRVA/	460	>PTEN-A79T-DTTKFNCRVA/	1129	669
>PTEN-A79T-DTAKFNCRV	7	>PTEN-A79T-DTTKFNCRV	29	22
>PTEN-A79T-YDTAKFNCRV	183	>PTEN-A79T-YDTTKFNCRV	231	48
>PTEN-A79T-HYDTAKFNCF	204	>PTEN-A79T-HYDTTKFNCF	250	46
>PTEN-A79T-HYDTAKFNCF	29	>PTEN-A79T-HYDTTKFNCF	28	1
>PTEN-A79T-RHYDTAKF	418	>PTEN-A79T-RHYDTTKF	343	75
>PTEN-A79T-RHYDTAKFNC	374	>PTEN-A79T-RHYDTTKFNC	207	167

>PTEN-A79T-RHYDTAKF	742	>PTEN-A79T-RHYDTTKF	332	410
>PTEN-A79T-RHYDTAKF	7	>PTEN-A79T-RHYDTTKF	5	2
>PTEN-A79T-RHYDTAKFNC	573	>PTEN-A79T-RHYDTTKFNC	495	78
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>PTEN-A79T-RHYDTAKF	71	>PTEN-A79T-RHYDTTKF	122	51
>PTEN-A79T-RHYDTAKFNC	71	>PTEN-A79T-RHYDTTKFNC	57	14
>PTEN-A79T-ERHYDTAKF	202	>PTEN-A79T-ERHYDTTKF	83	119
>PTEN-A79T-AERHYDTAKF	33	>PTEN-A79T-AERHYDTTKF	22	11
>PTEN-A79T-AERHYDTA	84	>PTEN-A79T-AERHYDTT	106	22
>PTEN-A79T-AERHYDTAKF	83	>PTEN-A79T-AERHYDTTKF	113	30
>PTEN-A79T-AERHYDTAKF	256	>PTEN-A79T-AERHYDTTKF	252	4
>PTEN-A79T-AERHYDTA	12	>PTEN-A79T-AERHYDTT	58	46
>PTEN-A79T-AERHYDTAKF	258	>PTEN-A79T-AERHYDTTKF	117	141
>PTEN-A86P-AQYPFEDH	105	>PTEN-A86P-PQYPFEDH	1375	1270
>PTEN-A86P-AQYPFEDHNI	263	>PTEN-A86P-PQYPFEDHNI	2654	2391
>PTEN-A86P-CRVAQYPF	32	>PTEN-A86P-CRVPQYPF	28	4
>PTEN-A86P-CRVAQYPF	283	>PTEN-A86P-CRVPQYPF	682	399
>PTEN-A86P-CRVAQYPF	214	>PTEN-A86P-CRVPQYPF	154	60
>PTEN-A86P-FNCRVAQY	418	>PTEN-A86P-FNCRVPQY	356	62
>PTEN-A86P-FNCRVAQYPI	119	>PTEN-A86P-FNCRVPQYPI	98	21
>PTEN-A86P-KFNCRVAQYI	235	>PTEN-A86P-KFNCRVPQYI	492	257
>PTEN-A86P-KFNCRVAQYI	412	>PTEN-A86P-KFNCRVPQYI	561	149
>PTEN-A86P-KFNCRVAQYI	140	>PTEN-A86P-KFNCRVPQYI	183	43
>PTEN-A86P-KFNCRVAQY	167	>PTEN-A86P-KFNCRVPQY	137	30
>PTEN-A86P-KFNCRVAQ	653	>PTEN-A86P-KFNCRVPQ	464	189
>PTEN-A86P-KFNCRVAQY	377	>PTEN-A86P-KFNCRVPQY	1222	845
>PTEN-A86P-KFNCRVAQYI	170	>PTEN-A86P-KFNCRVPQYI	225	55
>PTEN-A86P-KFNCRVAQYI	101	>PTEN-A86P-KFNCRVPQYI	116	15
>PTEN-A86P-KFNCRVAQYI	431	>PTEN-A86P-KFNCRVPQYI	764	333
>PTEN-A86P-KFNCRVAQYI	331	>PTEN-A86P-KFNCRVPQYI	314	17
>PTEN-A86P-KFNCRVAQY	131	>PTEN-A86P-KFNCRVPQY	199	68
>PTEN-A86P-KFNCRVAQ	1354	>PTEN-A86P-KFNCRVPQ	474	880
>PTEN-A86P-AKFNCRVAQ`	381	>PTEN-A86P-AKFNCRVPQ`	502	121
>PTEN-A86P-AKFNCRVAQ`	197	>PTEN-A86P-AKFNCRVPQ`	444	247
>PTEN-A86P-AKFNCRVA	52	>PTEN-A86P-AKFNCRVP	205	153
>PTEN-A86P-AKFNCRVAQ	43	>PTEN-A86P-AKFNCRVPQ	43	0
>PTEN-A86P-AKFNCRVAQ`	3	>PTEN-A86P-AKFNCRVPQ`	3	0
>PTEN-A86P-AKFNCRVAQ`	114	>PTEN-A86P-AKFNCRVPQ`	95	19
>PTEN-A86P-TAKFNCRVAC	573	>PTEN-A86P-TAKFNCRVPC	475	98
>PTEN-A86P-TAKFNCRVAC	362	>PTEN-A86P-TAKFNCRVPC	505	143
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>PTEN-A86P-DTAKFNCRV/	171	>PTEN-A86P-DTAKFNCRVF	174	3
>PTEN-A86P-DTAKFNCRV/	460	>PTEN-A86P-DTAKFNCRVF	24266	23806

>PTEN-C105F CEDLDQWL	157	>PTEN-C105F FEDLDQWL	24	133
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>PTEN-C105F FCEDLDQWL	905	>PTEN-C105F FFEDLDQWL	276	629
>PTEN-C105F FCEDLDQW	19837	>PTEN-C105F FFEDLDQW	365	19472
>PTEN-C105F FCEDLDQW	43	>PTEN-C105F FFEDLDQW	173	130
>PTEN-C105F PPQLELIKPF	31970	>PTEN-C105F PPQLELIKPF	348	31622
>PTEN-C105F KPFCEDLDQV	13	>PTEN-C105F KPFFEDLDQV	16	3
>PTEN-C105F KPFCEDLDQV	102	>PTEN-C105F KPFFEDLDQV	104	2
>PTEN-C105F IKPFCE	910	>PTEN-C105F IKPFCE	430	480
>PTEN-C105F LIKPFCE	541	>PTEN-C105F LIKPFCE	255	286
>PTEN-C105F ELIKPFCE	156	>PTEN-C105F ELIKPFCE	122	34
>PTEN-C105F ELIKPFCE	775	>PTEN-C105F ELIKPFCE	237	538
>PTEN-C105F ELIKPFCE	1055	>PTEN-C105F ELIKPFCE	275	780
>PTEN-C105F ELIKPFCE	726	>PTEN-C105F ELIKPFCE	176	550
>PTEN-C105F LELIKPFCE	166	>PTEN-C105F LELIKPFCE	150	16
>PTEN-C105F LELIKPF	6745	>PTEN-C105F LELIKPF	45	6700
>PTEN-C105F LELIKPFCE	248	>PTEN-C105F LELIKPFCE	105	143
>PTEN-C105F LELIKPF	2151	>PTEN-C105F LELIKPF	328	1823
>PTEN-C105F LELIKPFCE	275	>PTEN-C105F LELIKPFCE	179	96
>PTEN-C105F LELIKPF	8089	>PTEN-C105F LELIKPF	416	7673
>PTEN-C105F LELIKPF	6299	>PTEN-C105F LELIKPF	120	6179
>PTEN-C105F LELIKPFCE	78	>PTEN-C105F LELIKPFCE	53	25
>PTEN-C105F PQLELIKPF	18025	>PTEN-C105F PQLELIKPF	120	17905
>PTEN-C105( CEDLDQWL	157	>PTEN-C105( GEDLDQWL	196	39
>PTEN-C105( CEDLDQWL	128	>PTEN-C105( GEDLDQWL	25	103
>PTEN-C105( FCEDLDQW	43	>PTEN-C105( FGEDLDQW	86	43
>PTEN-C105( KPFCEDLDQV	588	>PTEN-C105( KPFGEDLDQV	283	305
>PTEN-C105( KPFCEDLDQV	1266	>PTEN-C105( KPFGEDLDQV	272	994
>PTEN-C105( KPFCEDLDQV	892	>PTEN-C105( KPFGEDLDQV	362	530
>PTEN-C105( KPFCEDLDQV	13	>PTEN-C105( KPFGEDLDQV	14	1
>PTEN-C105( KPFCEDLDQV	102	>PTEN-C105( KPFGEDLDQV	240	138
>PTEN-C105( ELIKPFCE	156	>PTEN-C105( ELIKPFCE	393	237
>PTEN-C105( ELIKPFCE	775	>PTEN-C105( ELIKPFCE	327	448
>PTEN-C105( ELIKPFCE	1055	>PTEN-C105( ELIKPFCE	497	558
>PTEN-C105( LELIKPFCE	166	>PTEN-C105( LELIKPFCE	538	372
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>PTEN-C105( LELIKPFCE	275	>PTEN-C105( LELIKPFCE	319	44
>PTEN-C105( LELIKPFCE	78	>PTEN-C105( LELIKPFCE	112	34
>PTEN-C105F CEDLDQWL	157	>PTEN-C105F REDLDQWL	231	74
>PTEN-C105F CEDLDQWL	128	>PTEN-C105F REDLDQWL	13	115
>PTEN-C105F CEDLDQWLS	2235	>PTEN-C105F REDLDQWLS	418	1817
>PTEN-C105F FCEDLDQW	43	>PTEN-C105F FREDLDQW	121	78
>PTEN-C105F FCEDLDQWL	40387	>PTEN-C105F FREDLDQWL	481	39906



>PTEN-C105F FCEDLDQW	7023	>PTEN-C105F FREDLDQW	56	6967
>PTEN-C105F KPFCEDLDQV	588	>PTEN-C105F KPFREDLDQV	411	177
>PTEN-C105F KPFCEDLDQV	1266	>PTEN-C105F KPFREDLDQV	269	997
>PTEN-C105F KPFCEDLDQV	892	>PTEN-C105F KPFREDLDQV	193	699
>PTEN-C105F KPFCEDLDQV	13	>PTEN-C105F KPFREDLDQV	12	1
>PTEN-C105F KPFCEDLDQV	102	>PTEN-C105F KPFREDLDQV	360	258
>PTEN-C105F ELIKPFCEDL	156	>PTEN-C105F ELIKPFREDL	395	239
>PTEN-C105F ELIKPFCEDL	775	>PTEN-C105F ELIKPFREDL	453	322
>PTEN-C105F LELIKPFCEDL	166	>PTEN-C105F LELIKPFREDL	282	116
>PTEN-C105F LELIKPFCEDL	248	>PTEN-C105F LELIKPFREDL	253	5
>PTEN-C105F LELIKPFCEDL	275	>PTEN-C105F LELIKPFREDL	291	16
>PTEN-C105F LELIKPFCEDL	78	>PTEN-C105F LELIKPFREDL	86	8
>PTEN-C105F LELIKPFC	36788	>PTEN-C105F LELIKPFR	406	36382
>PTEN-C105F QLELIKPFC	20919	>PTEN-C105F QLELIKPFR	134	20785
>PTEN-C105F QLELIKPFC	37894	>PTEN-C105F QLELIKPFR	382	37512
>PTEN-C105F QLELIKPFC	39893	>PTEN-C105F QLELIKPFR	93	39800
>PTEN-C105F QLELIKPFC	35633	>PTEN-C105F QLELIKPFR	101	35532
>PTEN-C105F PQLELIKPFC	34400	>PTEN-C105F PQLELIKPFR	138	34262
>PTEN-C105S CEDLDQWL	157	>PTEN-C105S SEDLDQWL	30	127
>PTEN-C105S CEDLDQWL	128	>PTEN-C105S SEDLDQWL	72	56
>PTEN-C105S FCEDLDQW	3032	>PTEN-C105S FSEDLDQW	19	3013
>PTEN-C105S FCEDLDQWL	13425	>PTEN-C105S FSEDLDQWL	123	13302
>PTEN-C105S FCEDLDQW	1692	>PTEN-C105S FSEDLDQW	496	1196
>PTEN-C105S FCEDLDQW	10328	>PTEN-C105S FSEDLDQW	67	10261
>PTEN-C105S FCEDLDQWL	1865	>PTEN-C105S FSEDLDQWL	492	1373
>PTEN-C105S FCEDLDQW	43	>PTEN-C105S FSEDLDQW	37	6
>PTEN-C105S KPFCEDLDQV	588	>PTEN-C105S KPFSEDLDQV	109	479
>PTEN-C105S KPFCEDLDQV	892	>PTEN-C105S KPFSEDLDQV	391	501
>PTEN-C105S KPFCEDLDQV	13	>PTEN-C105S KPFSEDLDQV	11	2
>PTEN-C105S KPFCEDLDQV	102	>PTEN-C105S KPFSEDLDQV	120	18
>PTEN-C105S IKPFCEDL	910	>PTEN-C105S IKPFSEDL	471	439
>PTEN-C105S LIKPFCEDL	541	>PTEN-C105S LIKPFSEDL	329	212
>PTEN-C105S ELIKPFCEDL	156	>PTEN-C105S ELIKPFSEDL	178	22
>PTEN-C105S ELIKPFCEDL	775	>PTEN-C105S ELIKPFSEDL	304	471
>PTEN-C105S ELIKPFCEDL	726	>PTEN-C105S ELIKPFSEDL	474	252
>PTEN-C105S LELIKPFCEDL	166	>PTEN-C105S LELIKPFSEDL	199	33
>PTEN-C105S LELIKPFCEDL	248	>PTEN-C105S LELIKPFSEDL	164	84
>PTEN-C105S LELIKPFCEDL	275	>PTEN-C105S LELIKPFSEDL	246	29
>PTEN-C105S LELIKPFCEDL	78	>PTEN-C105S LELIKPFSEDL	70	8
>PTEN-C105\ CEDLDQWL	157	>PTEN-C105\ YEDLDQWL	17	140
>PTEN-C105\ CEDLDQWL	128	>PTEN-C105\ YEDLDQWL	19	109
>PTEN-C105\ FCEDLDQW	25894	>PTEN-C105\ FYEDLDQW	288	25606
>PTEN-C105\ FCEDLDQW	19837	>PTEN-C105\ FYEDLDQW	24	19813

>PTEN-C105\FCEDLDQWL	22211	>PTEN-C105\FYEDLDQWL	35	22176
>PTEN-C105\FCEDLDQW	43	>PTEN-C105\FYEDLDQW	96	53
>PTEN-C105\KPFCELDQV	892	>PTEN-C105\KPFYEDLDQV	481	411
>PTEN-C105\KPFCELDQV	13	>PTEN-C105\KPFYEDLDQV	12	1
>PTEN-C105\KPFCELDQV	102	>PTEN-C105\KPFYEDLDQV	183	81
>PTEN-C105\IKPFCELDQ'	840	>PTEN-C105\IKPFYEDLDQ\	419	421
>PTEN-C105\LIKPFCEDL	541	>PTEN-C105\LIKPFYEDL	273	268
>PTEN-C105\ELIKPFCEDL	156	>PTEN-C105\ELIKPFYEDL	175	19
>PTEN-C105\ELIKPFCEDL	775	>PTEN-C105\ELIKPFYEDL	236	539
>PTEN-C105\ELIKPFCEDL	726	>PTEN-C105\ELIKPFYEDL	305	421
>PTEN-C105\LELIKPFCEDL	166	>PTEN-C105\LELIKPFYEDL	194	28
>PTEN-C105\LELIKPF	6745	>PTEN-C105\LELIKPFY	45	6700
>PTEN-C105\LELIKPFCEDL	248	>PTEN-C105\LELIKPFYEDL	113	135
>PTEN-C105\LELIKPFCEDL	275	>PTEN-C105\LELIKPFYEDL	240	35
>PTEN-C105\LELIKPF	8089	>PTEN-C105\LELIKPFY	447	7642
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>PTEN-C105\LELIKPFCEDL	78	>PTEN-C105\LELIKPFYEDL	90	12
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>PTEN-C105\QLELIKPF	23947	>PTEN-C105\QLELIKPFY	101	23846
>PTEN-C105\PQLELIKPF	18025	>PTEN-C105\PQLELIKPFY	423	17602
>PTEN-C124fCKAGKGRG'	13366	>PTEN-C124fFKAGKGRG\	363	13003
>PTEN-C124fCKAGKGRG'	2391	>PTEN-C124fFKAGKGRG\	424	1967
>PTEN-C124fCKAGKGRG'	7276	>PTEN-C124fFKAGKGRG\	439	6837
>PTEN-C124fHCKAGKGRG'	1478	>PTEN-C124fHFKAGKGRG'	429	1049
>PTEN-C124fHCKAGKGR	1003	>PTEN-C124fHFKAGKGR	33	970
>PTEN-C124fHCKAGKGR	2312	>PTEN-C124fHFKAGKGR	105	2207
>PTEN-C124fHCKAGKGR	345	>PTEN-C124fHFKAGKGR	65	280
>PTEN-C124fIHCKAGKGR	954	>PTEN-C124fIHFKAGKGR	326	628
>PTEN-C124fAIHCKAGK	243	>PTEN-C124fAIHFKAGK	140	103
>PTEN-C124fAIHCKAGK	221	>PTEN-C124fAIHFKAGK	88	133
>PTEN-C124fAIHCKAGK	29	>PTEN-C124fAIHFKAGK	18	11
>PTEN-C124fAIHCKAGKGF	407	>PTEN-C124fAIHFKAGKGR	171	236
>PTEN-C124fAAIHCKAGK	252	>PTEN-C124fAAIHFKAGK	61	191
>PTEN-C124fAAIHCKAGK	1736	>PTEN-C124fAAIHFKAGK	329	1407
>PTEN-C124fAAIHCKAGKC	447	>PTEN-C124fAAIHFKAGKC	337	110
>PTEN-C124fAAIHCKAGK	909	>PTEN-C124fAAIHFKAGK	186	723
>PTEN-C124fAAIHCKAGKC	719	>PTEN-C124fAAIHFKAGKC	268	451
>PTEN-C124fAAIHCKAGK	1045	>PTEN-C124fAAIHFKAGK	354	691
>PTEN-C124fVAAIHCKAGK	459	>PTEN-C124fVAAIHFKAGK	119	340
>PTEN-C124fHVAAIHCKA	289	>PTEN-C124fHVAAIHFKA	42	247
>PTEN-C124fHVAAIHCKA	4591	>PTEN-C124fHVAAIHFKA	473	4118
>PTEN-C124fHVAAIHCK	130	>PTEN-C124fHVAAIHFK	44	86
>PTEN-C124fHVAAIHCKAC	90	>PTEN-C124fHVAAIHFKAC	71	19

>PTEN-C124FHVAAIHCK	50	>PTEN-C124FHVAAIHFK	14	36
>PTEN-C124FHVAAIHCKAC	114	>PTEN-C124FHVAAIHFKAC	44	70
>PTEN-C124FHVAAIHCK	74	>PTEN-C124FHVAAIHFK	11	63
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>PTEN-C124FHVAAIHCKAC	64	>PTEN-C124FHVAAIHFKAC	40	24
>PTEN-C124FHVAAIHCK	223	>PTEN-C124FHVAAIHFK	30	193
>PTEN-C124FHVAAIHCKAC	185	>PTEN-C124FHVAAIHFKAC	88	97
>PTEN-C124FHVAAIHCK	1707	>PTEN-C124FHVAAIHFK	321	1386
>PTEN-C124FHVAAIHCK	5	>PTEN-C124FHVAAIHFK	2	3
>PTEN-C124FHVAAIHCKAC	7	>PTEN-C124FHVAAIHFKAC	5	2
>PTEN-C124FHVAAIHCKA	12	>PTEN-C124FHVAAIHFKA	6	6
>PTEN-C124FHVAAIHCKA	480	>PTEN-C124FHVAAIHFKA	72	408
>PTEN-C124FHVAAIHCK	1426	>PTEN-C124FHVAAIHFK	229	1197
>PTEN-C124FNHVAAIHCK	1175	>PTEN-C124FNHVAAIHFK	211	964
>PTEN-C124FNHVAAIHC	19743	>PTEN-C124FNHVAAIHF	281	19462
>PTEN-C124FDDNHVAAIH	1447	>PTEN-C124FDDNHVAAIH	354	1093
>PTEN-C124SHCKAGKGR	3136	>PTEN-C124SHSKAGKGR	335	2801
>PTEN-C124SHCKAGKGR	3727	>PTEN-C124SHSKAGKGR	424	3303
>PTEN-C124SHCKAGKGR	1478	>PTEN-C124SHSKAGKGR	114	1364
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>PTEN-C124SAIHCKAGK	221	>PTEN-C124SAIHSKAGK	147	74
>PTEN-C124SAIHCKAGK	29	>PTEN-C124SAIHSKAGK	22	7
>PTEN-C124SAIHCKAGKGF	407	>PTEN-C124SAIHSKAGKGR	391	16
>PTEN-C124SAAIHCKAGK	252	>PTEN-C124SAAIHSKAGK	141	111
>PTEN-C124SAAIHCKAGK	1736	>PTEN-C124SAAIHSKAGK	263	1473
>PTEN-C124SAAIHCKAGKC	447	>PTEN-C124SAAIHSKAGKC	656	209
>PTEN-C124SAAIHCKAGK	909	>PTEN-C124SAAIHSKAGK	411	498
>PTEN-C124SAAIHCKAGKC	719	>PTEN-C124SAAIHSKAGKC	430	289
>PTEN-C124SVAAIHCKAGK	459	>PTEN-C124SVAAIHSKAGK	124	335
>PTEN-C124SHVAAIHCKA	289	>PTEN-C124SHVAAIHSKA	176	113
>PTEN-C124SHVAAIHCKA	1656	>PTEN-C124SHVAAIHSKA	374	1282
>PTEN-C124SHVAAIHCK	130	>PTEN-C124SHVAAIHSK	63	67
>PTEN-C124SHVAAIHCKAC	90	>PTEN-C124SHVAAIHSKAC	68	22
>PTEN-C124SHVAAIHCK	50	>PTEN-C124SHVAAIHSK	30	20
>PTEN-C124SHVAAIHCKAC	114	>PTEN-C124SHVAAIHSKAC	81	33
>PTEN-C124SHVAAIHCK	74	>PTEN-C124SHVAAIHSK	22	52
>PTEN-C124SHVAAIHCKA	304	>PTEN-C124SHVAAIHSKA	725	421
>PTEN-C124SHVAAIHCKAC	64	>PTEN-C124SHVAAIHSKAC	41	23
>PTEN-C124SHVAAIHCK	223	>PTEN-C124SHVAAIHSK	209	14
>PTEN-C124SHVAAIHCKAC	185	>PTEN-C124SHVAAIHSKAC	241	56

>PTEN-C124S HVAAIHCK	5	>PTEN-C124S HVAAIHCK	5	0
>PTEN-C124S HVAAIHCKAC	7	>PTEN-C124S HVAAIHCKAC	6	1
>PTEN-C124S HVAAIHCKA	12	>PTEN-C124S HVAAIHCKA	10	2
>PTEN-C124S HVAAIHCKA	480	>PTEN-C124S HVAAIHCKA	934	454
>PTEN-C124\CKAGKGRTG\	13366	>PTEN-C124\YKAGKGRTG\	297	13069
>PTEN-C124\CKAGKGRTG\	2391	>PTEN-C124\YKAGKGRTG\	340	2051
>PTEN-C124\CKAGKGRTG\	7276	>PTEN-C124\YKAGKGRTG\	409	6867
>PTEN-C124\HCKAGKGRTG\	19239	>PTEN-C124\HYKAGKGRTG\	23	19216
>PTEN-C124\HCKAGKGR	3136	>PTEN-C124\HYKAGKGR	346	2790
>PTEN-C124\HCKAGKGRTG\	3727	>PTEN-C124\HYKAGKGRTG\	437	3290
>PTEN-C124\HCKAGKGRTG\	1478	>PTEN-C124\HYKAGKGRTG\	117	1361
>PTEN-C124\HCKAGKGR	1003	>PTEN-C124\HYKAGKGR	43	960
>PTEN-C124\HCKAGKGR	2312	>PTEN-C124\HYKAGKGR	99	2213
>PTEN-C124\HCKAGKGR	345	>PTEN-C124\HYKAGKGR	32	313
>PTEN-C124\IHCKAGKGR	954	>PTEN-C124\IHYKAGKGR	429	525
>PTEN-C124\AIHCKAGK	243	>PTEN-C124\AIHYKAGK	222	21
>PTEN-C124\AIHCKAGK	221	>PTEN-C124\AIHYKAGK	172	49
>PTEN-C124\AIHCKAGK	29	>PTEN-C124\AIHYKAGK	21	8
>PTEN-C124\AIHCKAGKGF	407	>PTEN-C124\AIHYKAGKGR	341	66
>PTEN-C124\AAIHCKAGK	252	>PTEN-C124\AAIHYKAGK	116	136
>PTEN-C124\AAIHCKAGKC	447	>PTEN-C124\AAIHYKAGKC	311	136
>PTEN-C124\AAIHCKAGK	909	>PTEN-C124\AAIHYKAGK	394	515
>PTEN-C124\AAIHCKAGKC	719	>PTEN-C124\AAIHYKAGKC	407	312
>PTEN-C124\VAAIHCKAGK	459	>PTEN-C124\VAAIHYKAGK	123	336
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>PTEN-C124\HVAAIHCKAC	114	>PTEN-C124\HVAAIHYKAC	65	49
>PTEN-C124\HVAAIHCK	74	>PTEN-C124\HVAAIHYK	15	59
>PTEN-C124\HVAAIHCKA	304	>PTEN-C124\HVAAIHYKA	810	506
>PTEN-C124\HVAAIHCKAC	64	>PTEN-C124\HVAAIHYKAC	51	13
>PTEN-C124\HVAAIHCK	223	>PTEN-C124\HVAAIHYK	25	198
>PTEN-C124\HVAAIHCKAC	185	>PTEN-C124\HVAAIHYKAC	90	95
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>PTEN-C124\HVAAIHCKAC	7	>PTEN-C124\HVAAIHYKAC	6	1
>PTEN-C124\HVAAIHCKA	12	>PTEN-C124\HVAAIHYKA	6	6
>PTEN-C124\HVAAIHCKA	480	>PTEN-C124\HVAAIHYKA	233	247
>PTEN-C124\HVAAIHCK	1426	>PTEN-C124\HVAAIHYK	72	1354
>PTEN-C124\NHVAAIHCK	1175	>PTEN-C124\NHVAAIHYK	271	904
>PTEN-C124\NHVAAIHCK	4911	>PTEN-C124\NHVAAIHYK	499	4412
>PTEN-C124\DDNHVAAIH\	1447	>PTEN-C124\DDNHVAAIH\	433	1014
>PTEN-C136F CAYLLHRGKF	119	>PTEN-C136F FAYLLHRGKF	135	16

>PTEN-C136F CAYLLHRGKF	8684	>PTEN-C136F FAYLLHRGKF	459	8225
>PTEN-C136F CAYLLHRGK	471	>PTEN-C136F FAYLLHRGK	101	370
>PTEN-C136F CAYLLHRGKF	1066	>PTEN-C136F FAYLLHRGKF	142	924
>PTEN-C136F CAYLLHRGKF	67	>PTEN-C136F FAYLLHRGKF	12	55
>PTEN-C136F CAYLLHRGKF	350	>PTEN-C136F FAYLLHRGKF	33	317
>PTEN-C136F CAYLLHRGKF	1797	>PTEN-C136F FAYLLHRGKF	486	1311
>PTEN-C136F CAYLLHRGKF	350	>PTEN-C136F FAYLLHRGKF	91	259
>PTEN-C136F CAYLLHRGKF	185	>PTEN-C136F FAYLLHRGKF	626	441
>PTEN-C136F ICAYLLHRGK	913	>PTEN-C136F IFAYLLHRGK	170	743
>PTEN-C136F ICAYLLHRGKF	4414	>PTEN-C136F IFAYLLHRGKF	114	4300
>PTEN-C136F ICAYLLHRGKF	6442	>PTEN-C136F IFAYLLHRGKF	383	6059
>PTEN-C136F ICAYLLHRGKF	11784	>PTEN-C136F IFAYLLHRGKF	94	11690
>PTEN-C136F ICAYLLHRGKF	6843	>PTEN-C136F IFAYLLHRGKF	207	6636
>PTEN-C136F ICAYLLHR	569	>PTEN-C136F IFAYLLHR	15	554
>PTEN-C136F ICAYLLHRGK	3557	>PTEN-C136F IFAYLLHRGK	439	3118
>PTEN-C136F ICAYLLHR	1217	>PTEN-C136F IFAYLLHR	49	1168
>PTEN-C136F ICAYLLHR	969	>PTEN-C136F IFAYLLHR	160	809
>PTEN-C136F ICAYLLHRGKF	187	>PTEN-C136F IFAYLLHRGKF	860	673
>PTEN-C136F ICAYLLHR	107	>PTEN-C136F IFAYLLHR	40	67
>PTEN-C136F MICAYLLH	784	>PTEN-C136F MIFAYLLH	97	687
>PTEN-C136F MICAYLLHR	315	>PTEN-C136F MIFAYLLHR	50	265
>PTEN-C136F MICAYLLHRG	162	>PTEN-C136F MIFAYLLHRG	43	119
>PTEN-C136F MICAYLLH	299	>PTEN-C136F MIFAYLLH	77	222
>PTEN-C136F MICAYLLHR	89	>PTEN-C136F MIFAYLLHR	24	65
>PTEN-C136F MICAYLLHRG	49	>PTEN-C136F MIFAYLLHRG	19	30
>PTEN-C136F MICAYLLH	561	>PTEN-C136F MIFAYLLH	77	484
>PTEN-C136F MICAYLLHR	2180	>PTEN-C136F MIFAYLLHR	352	1828
>PTEN-C136F MICAYLLHRG	77	>PTEN-C136F MIFAYLLHRG	16	61
>PTEN-C136F MICAYLLHR	11	>PTEN-C136F MIFAYLLHR	8	3
>PTEN-C136F MICAYLLHRG	473	>PTEN-C136F MIFAYLLHRG	118	355
>PTEN-C136F MICAYLLHR	45	>PTEN-C136F MIFAYLLHR	24	21
>PTEN-C136F MICAYLLH	4099	>PTEN-C136F MIFAYLLH	315	3784
>PTEN-C136F MICAYLLHR	28	>PTEN-C136F MIFAYLLHR	5	23
>PTEN-C136F MICAYLLHRG	124	>PTEN-C136F MIFAYLLHRG	12	112
>PTEN-C136F MICAYLLHR	28	>PTEN-C136F MIFAYLLHR	17	11
>PTEN-C136F MICAYLLHRG	1168	>PTEN-C136F MIFAYLLHRG	304	864
>PTEN-C136F VMICAYLL	248	>PTEN-C136F VMIFAYLL	150	98
>PTEN-C136F VMICAYLL	15	>PTEN-C136F VMIFAYLL	22	7
>PTEN-C136F VMICAYLL	9	>PTEN-C136F VMIFAYLL	11	2
>PTEN-C136F VMICAYLL	27	>PTEN-C136F VMIFAYLL	34	7
>PTEN-C136F VMICAYLL	39	>PTEN-C136F VMIFAYLL	84	45
>PTEN-C136F VMICAYLL	10	>PTEN-C136F VMIFAYLL	12	2
>PTEN-C136F VMICAYLL	6	>PTEN-C136F VMIFAYLL	17	11

>PTEN-C136FVMICAYLL	58	>PTEN-C136FVMIFAYLL	48	10
>PTEN-C136FVMICAYLL	136	>PTEN-C136FVMIFAYLL	90	46
>PTEN-C136FVMICAYLL	16	>PTEN-C136FVMIFAYLL	11	5
>PTEN-C136FVMICAYLLHR	166	>PTEN-C136FVMIFAYLLHR	91	75
>PTEN-C136FVMICAYLLHR	52	>PTEN-C136FVMIFAYLLHR	32	20
>PTEN-C136FVMICAYLL	100	>PTEN-C136FVMIFAYLL	219	119
>PTEN-C136FVMICAYLLH	46	>PTEN-C136FVMIFAYLLH	31	15
>PTEN-C136FVMICAYLLHR	44	>PTEN-C136FVMIFAYLLHR	24	20
>PTEN-C136FVMICAYLLHR	237	>PTEN-C136FVMIFAYLLHR	181	56
>PTEN-C136FVMICAYLLHR	119	>PTEN-C136FVMIFAYLLHR	51	68
>PTEN-C136FVMICAYLL	126	>PTEN-C136FVMIFAYLL	294	168
>PTEN-C136FVMICAYLLHR	434	>PTEN-C136FVMIFAYLLHR	1238	804
>PTEN-C136FVMICAYLL	1022	>PTEN-C136FVMIFAYLL	316	706
>PTEN-C136FVMICAYLLHR	70	>PTEN-C136FVMIFAYLLHR	199	129
>PTEN-C136FVMICAYLLHR	58	>PTEN-C136FVMIFAYLLHR	112	54
>PTEN-C136FGVMICAYL	2779	>PTEN-C136FGVMIFAYL	30	2749
>PTEN-C136FGVMICAYL	66	>PTEN-C136FGVMIFAYL	73	7
>PTEN-C136FGVMICAYLL	57	>PTEN-C136FGVMIFAYLL	67	10
>PTEN-C136FGVMICAYL	20	>PTEN-C136FGVMIFAYL	18	2
>PTEN-C136FGVMICAYLL	18	>PTEN-C136FGVMIFAYLL	16	2
>PTEN-C136FGVMICAYL	260	>PTEN-C136FGVMIFAYL	188	72
>PTEN-C136FGVMICAYL	51	>PTEN-C136FGVMIFAYL	34	17
>PTEN-C136FGVMICAYLL	112	>PTEN-C136FGVMIFAYLL	143	31
>PTEN-C136FGVMICAYL	844	>PTEN-C136FGVMIFAYL	112	732
>PTEN-C136FGVMICAYL	346	>PTEN-C136FGVMIFAYL	193	153
>PTEN-C136FGVMICAYLL	327	>PTEN-C136FGVMIFAYLL	482	155
>PTEN-C136FGVMICAYL	403	>PTEN-C136FGVMIFAYL	378	25
>PTEN-C136FGVMICAYL	574	>PTEN-C136FGVMIFAYL	344	230
>PTEN-C136FGVMICAYLLH	52	>PTEN-C136FGVMIFAYLLH	25	27
>PTEN-C136FGVMICAYLLH	38	>PTEN-C136FGVMIFAYLLH	29	9
>PTEN-C136FGVMICAYLL	2144	>PTEN-C136FGVMIFAYLL	194	1950
>PTEN-C136FGVMICAYLLH	177	>PTEN-C136FGVMIFAYLLH	89	88
>PTEN-C136FGVMICAYL	485	>PTEN-C136FGVMIFAYL	216	269
>PTEN-C136FGVMICAYLL	582	>PTEN-C136FGVMIFAYLL	397	185
>PTEN-C136FGVMICAYLL	222	>PTEN-C136FGVMIFAYLL	249	27
>PTEN-C136FGVMICAYLLH	198	>PTEN-C136FGVMIFAYLLH	131	67
>PTEN-C136FGVMICAYLLH	132	>PTEN-C136FGVMIFAYLLH	129	3
>PTEN-C136FTGVMICAYL	1775	>PTEN-C136FTGVMIFAYL	348	1427
>PTEN-C136FTGVMICAYL	3369	>PTEN-C136FTGVMIFAYL	385	2984
>PTEN-C136FTGVMICAY	2263	>PTEN-C136FTGVMIFAY	216	2047
>PTEN-C136FTGVMICAY	567	>PTEN-C136FTGVMIFAY	152	415
>PTEN-C136FTGVMICAYL	267	>PTEN-C136FTGVMIFAYL	54	213
>PTEN-C136FTGVMICAY	166	>PTEN-C136FTGVMIFAY	89	77

>PTEN-C136FTGVMICAYL	1397	>PTEN-C136FTGVMIFAYL	220	1177
>PTEN-C136FTGVMICAYLL	791	>PTEN-C136FTGVMIFAYLL	191	600
>PTEN-C136FRTGVMICAY	976	>PTEN-C136FRTGVMIFAY	209	767
>PTEN-C136FRTGVMICAYL	583	>PTEN-C136FRTGVMIFAYL	277	306
>PTEN-C136FRTGVMICAYL	532	>PTEN-C136FRTGVMIFAYL	391	141
>PTEN-C136FRTGVMICAYL	1151	>PTEN-C136FRTGVMIFAYL	435	716
>PTEN-C136FRTGVMICAYL	1073	>PTEN-C136FRTGVMIFAYL	460	613
>PTEN-C136FRTGVMICAY	913	>PTEN-C136FRTGVMIFAY	62	851
>PTEN-C136FRTGVMICAY	828	>PTEN-C136FRTGVMIFAY	481	347
>PTEN-C136FRTGVMICAY	1808	>PTEN-C136FRTGVMIFAY	46	1762
>PTEN-C136FRTGVMICA	980	>PTEN-C136FRTGVMIFA	81	899
>PTEN-C136FRTGVMICAYL	550	>PTEN-C136FRTGVMIFAYL	298	252
>PTEN-C136FRTGVMICAY	243	>PTEN-C136FRTGVMIFAY	31	212
>PTEN-C136FRTGVMICAYL	398	>PTEN-C136FRTGVMIFAYL	434	36
>PTEN-C136FRTGVMICAY	2502	>PTEN-C136FRTGVMIFAY	254	2248
>PTEN-C136FRTGVMICAY	169	>PTEN-C136FRTGVMIFAY	50	119
>PTEN-C136FRTGVMICAYL	632	>PTEN-C136FRTGVMIFAYL	347	285
>PTEN-C136FRTGVMICAYL	114	>PTEN-C136FRTGVMIFAYL	38	76
>PTEN-C136FRTGVMICAYL	74	>PTEN-C136FRTGVMIFAYL	63	11
>PTEN-C136FRTGVMICAY	228	>PTEN-C136FRTGVMIFAY	16	212
>PTEN-C136FRTGVMICAY	70	>PTEN-C136FRTGVMIFAY	146	76
>PTEN-C136FRTGVMICAY	13	>PTEN-C136FRTGVMIFAY	7	6
>PTEN-C136FRTGVMICAYL	12	>PTEN-C136FRTGVMIFAYL	13	1
>PTEN-C136FRTGVMICAYL	14	>PTEN-C136FRTGVMIFAYL	12	2
>PTEN-C136FRTGVMICAY	205	>PTEN-C136FRTGVMIFAY	65	140
>PTEN-C136FRTGVMICAYL	438	>PTEN-C136FRTGVMIFAYL	176	262
>PTEN-C136FRTGVMICAYL	428	>PTEN-C136FRTGVMIFAYL	224	204
>PTEN-C136FRTGVMICAYL	90	>PTEN-C136FRTGVMIFAYL	20	70
>PTEN-C136FRTGVMICAYL	56	>PTEN-C136FRTGVMIFAYL	19	37
>PTEN-C136FRTGVMICAY	378	>PTEN-C136FRTGVMIFAY	140	238
>PTEN-C136FRTGVMICAYL	72	>PTEN-C136FRTGVMIFAYL	45	27
>PTEN-C136FRTGVMICAYL	235	>PTEN-C136FRTGVMIFAYL	172	63
>PTEN-C136FRTGVMICAY	3713	>PTEN-C136FRTGVMIFAY	447	3266
>PTEN-C136FRTGVMICAY	2089	>PTEN-C136FRTGVMIFAY	138	1951
>PTEN-C136FRTGVMICAYL	394	>PTEN-C136FRTGVMIFAYL	206	188
>PTEN-C136FGRTGVMICA'	620	>PTEN-C136FGRTGVMIFA\	184	436
>PTEN-C136FGRTGVMIC	13073	>PTEN-C136FGRTGVMIF	408	12665
>PTEN-C136FGRTGVMIC	6103	>PTEN-C136FGRTGVMIF	280	5823
>PTEN-C136FGRTGVMICA'	113	>PTEN-C136FGRTGVMIFA\	65	48
>PTEN-C136FGRTGVMICA'	258	>PTEN-C136FGRTGVMIFA\	86	172
>PTEN-C136FGRTGVMICA'	334	>PTEN-C136FGRTGVMIFA\	179	155
>PTEN-C136FGRTGVMICA'	78	>PTEN-C136FGRTGVMIFA\	28	50
>PTEN-C136FKGRTGVMIC	365	>PTEN-C136FKGRTGVMIF	230	135

>PTEN-C136F KGRTGVMIC/	21	>PTEN-C136F KGRTGVMIF/	5	16
>PTEN-C136F KGRTGVMIC/	38	>PTEN-C136F KGRTGVMIF/	47	9
>PTEN-C136F KGRTGVMIC/	314	>PTEN-C136F KGRTGVMIF/	73	241
>PTEN-C136F KGRTGVMIC/	165	>PTEN-C136F KGRTGVMIF/	312	147
>PTEN-C136F KGRTGVMIC	13944	>PTEN-C136F KGRTGVMIF	24	13920
>PTEN-C136F KGRTGVMIC/	174	>PTEN-C136F KGRTGVMIF/	302	128
>PTEN-C136F KGRTGVMIC	21458	>PTEN-C136F KGRTGVMIF	149	21309
>PTEN-C136F KGRTGVMIC/	135	>PTEN-C136F KGRTGVMIF/	110	25
>PTEN-C136F KGRTGVMIC	13397	>PTEN-C136F KGRTGVMIF	115	13282
>PTEN-C136F KGRTGVMIC/	666	>PTEN-C136F KGRTGVMIF/	347	319
>PTEN-C136F GKGRGVMII	6679	>PTEN-C136F GKGRGVMII	9	6670
>PTEN-C136F CAYLLHRGKF	119	>PTEN-C136F RAYLLHRGKF	312	193
>PTEN-C136F CAYLLHRGK	1373	>PTEN-C136F RAYLLHRGK	116	1257
>PTEN-C136F CAYLLHRGK	523	>PTEN-C136F RAYLLHRGK	77	446
>PTEN-C136F CAYLLHRGK	1536	>PTEN-C136F RAYLLHRGK	20	1516
>PTEN-C136F CAYLLHRGKF	8486	>PTEN-C136F RAYLLHRGKF	347	8139
>PTEN-C136F CAYLLHRGK	2302	>PTEN-C136F RAYLLHRGK	141	2161
>PTEN-C136F CAYLLHRGK	471	>PTEN-C136F RAYLLHRGK	2468	1997
>PTEN-C136F CAYLLHRGKF	1066	>PTEN-C136F RAYLLHRGKF	131	935
>PTEN-C136F CAYLLHRGKF	67	>PTEN-C136F RAYLLHRGKF	4	63
>PTEN-C136F CAYLLHRGKF	350	>PTEN-C136F RAYLLHRGKF	6	344
>PTEN-C136F CAYLLHRGKF	4198	>PTEN-C136F RAYLLHRGKF	275	3923
>PTEN-C136F CAYLLHRGKF	4416	>PTEN-C136F RAYLLHRGKF	191	4225
>PTEN-C136F CAYLLHRGKF	350	>PTEN-C136F RAYLLHRGKF	40	310
>PTEN-C136F CAYLLHRGKF	185	>PTEN-C136F RAYLLHRGKF	209	24
>PTEN-C136F ICAYLLHRGKI	2218	>PTEN-C136F IRAYLLHRGKI	155	2063
>PTEN-C136F ICAYLLHR	25017	>PTEN-C136F IRAYLLHR	115	24902
>PTEN-C136F ICAYLLHRGK	29796	>PTEN-C136F IRAYLLHRGK	127	29669
>PTEN-C136F ICAYLLHRGKI	23347	>PTEN-C136F IRAYLLHRGKI	169	23178
>PTEN-C136F ICAYLLHRGKI	187	>PTEN-C136F IRAYLLHRGKI	1717	1530
>PTEN-C136F ICAYLLHRGK	34447	>PTEN-C136F IRAYLLHRGK	428	34019
>PTEN-C136F ICAYLLHRGKI	35435	>PTEN-C136F IRAYLLHRGKI	79	35356
>PTEN-C136F ICAYLLHR	107	>PTEN-C136F IRAYLLHR	337	230
>PTEN-C136F MICAYLLH	784	>PTEN-C136F MIRAYLLH	295	489
>PTEN-C136F MICAYLLHR	315	>PTEN-C136F MIRAYLLHR	120	195
>PTEN-C136F MICAYLLHRG	162	>PTEN-C136F MIRAYLLHRG	78	84
>PTEN-C136F MICAYLLH	299	>PTEN-C136F MIRAYLLH	4761	4462
>PTEN-C136F MICAYLLHR	89	>PTEN-C136F MIRAYLLHR	1877	1788
>PTEN-C136F MICAYLLHRG	49	>PTEN-C136F MIRAYLLHRG	578	529
>PTEN-C136F MICAYLLH	7479	>PTEN-C136F MIRAYLLH	64	7415
>PTEN-C136F MICAYLLHR	2180	>PTEN-C136F MIRAYLLHR	10	2170
>PTEN-C136F MICAYLLHRG	8786	>PTEN-C136F MIRAYLLHRG	93	8693
>PTEN-C136F MICAYLLHRG	77	>PTEN-C136F MIRAYLLHRG	4	73



>PTEN-C136F MICAYLLHR	11	>PTEN-C136F MIRAYLLHR	8	3
>PTEN-C136F MICAYLLHRG	473	>PTEN-C136F MIRAYLLHRG	199	274
>PTEN-C136F MICAYLLHR	45	>PTEN-C136F MIRAYLLHR	31	14
>PTEN-C136F MICAYLLHR	28	>PTEN-C136F MIRAYLLHR	118	90
>PTEN-C136F MICAYLLHRG	124	>PTEN-C136F MIRAYLLHRG	693	569
>PTEN-C136F MICAYLLHR	28	>PTEN-C136F MIRAYLLHR	70	42
>PTEN-C136F VMICAYLL	248	>PTEN-C136F VMIRAYLL	67	181
>PTEN-C136F VMICAYLL	15	>PTEN-C136F VMIRAYLL	33	18
>PTEN-C136F VMICAYLL	9	>PTEN-C136F VMIRAYLL	17	8
>PTEN-C136F VMICAYLL	27	>PTEN-C136F VMIRAYLL	49	22
>PTEN-C136F VMICAYLL	39	>PTEN-C136F VMIRAYLL	71	32
>PTEN-C136F VMICAYLL	10	>PTEN-C136F VMIRAYLL	14	4
>PTEN-C136F VMICAYLL	6	>PTEN-C136F VMIRAYLL	15	9
>PTEN-C136F VMICAYLL	58	>PTEN-C136F VMIRAYLL	56	2
>PTEN-C136F VMICAYLL	136	>PTEN-C136F VMIRAYLL	333	197
>PTEN-C136F VMICAYLL	16	>PTEN-C136F VMIRAYLL	8	8
>PTEN-C136F VMICAYLLH	1044	>PTEN-C136F VMIRAYLLH	450	594
>PTEN-C136F VMICAYLLHR	166	>PTEN-C136F VMIRAYLLHR	232	66
>PTEN-C136F VMICAYLLHR	52	>PTEN-C136F VMIRAYLLHR	97	45
>PTEN-C136F VMICAYLL	100	>PTEN-C136F VMIRAYLL	214	114
>PTEN-C136F VMICAYLLH	46	>PTEN-C136F VMIRAYLLH	127	81
>PTEN-C136F VMICAYLLHR	44	>PTEN-C136F VMIRAYLLHR	53	9
>PTEN-C136F VMICAYLLHR	237	>PTEN-C136F VMIRAYLLHR	240	3
>PTEN-C136F VMICAYLLHR	119	>PTEN-C136F VMIRAYLLHR	454	335
>PTEN-C136F VMICAYLL	126	>PTEN-C136F VMIRAYLL	210	84
>PTEN-C136F VMICAYLLHR	434	>PTEN-C136F VMIRAYLLHR	605	171
>PTEN-C136F VMICAYLLHR	70	>PTEN-C136F VMIRAYLLHR	136	66
>PTEN-C136F VMICAYLLHR	58	>PTEN-C136F VMIRAYLLHR	158	100
>PTEN-C136F GVMICAYL	66	>PTEN-C136F GVMIRAYL	445	379
>PTEN-C136F GVMICAYLL	57	>PTEN-C136F GVMIRAYLL	357	300
>PTEN-C136F GVMICAYL	20	>PTEN-C136F GVMIRAYL	55	35
>PTEN-C136F GVMICAYLL	18	>PTEN-C136F GVMIRAYLL	53	35
>PTEN-C136F GVMICAYL	260	>PTEN-C136F GVMIRAYL	437	177
>PTEN-C136F GVMICAYL	51	>PTEN-C136F GVMIRAYL	150	99
>PTEN-C136F GVMICAYLL	112	>PTEN-C136F GVMIRAYLL	255	143
>PTEN-C136F GVMICAYL	346	>PTEN-C136F GVMIRAYL	1091	745
>PTEN-C136F GVMICAYLL	327	>PTEN-C136F GVMIRAYLL	1057	730
>PTEN-C136F GVMICAYL	403	>PTEN-C136F GVMIRAYL	3152	2749
>PTEN-C136F GVMICAYLLH	52	>PTEN-C136F GVMIRAYLLH	48	4
>PTEN-C136F GVMICAYLLH	38	>PTEN-C136F GVMIRAYLLH	28	10
>PTEN-C136F GVMICAYLLH	177	>PTEN-C136F GVMIRAYLLH	190	13
>PTEN-C136F GVMICAYL	485	>PTEN-C136F GVMIRAYL	891	406
>PTEN-C136F GVMICAYLL	222	>PTEN-C136F GVMIRAYLL	961	739

>PTEN-C136FGVMICAYLLH	198	>PTEN-C136FGVMIRAYLLH	188	10
>PTEN-C136FGVMICAYLLH	132	>PTEN-C136FGVMIRAYLLH	407	275
>PTEN-C136FTGVMICAY	567	>PTEN-C136FTGVMIRAY	427	140
>PTEN-C136FTGVMICAYL	267	>PTEN-C136FTGVMIRAYL	91	176
>PTEN-C136FTGVMICAY	166	>PTEN-C136FTGVMIRAY	286	120
>PTEN-C136FRTGVMICAY	828	>PTEN-C136FRTGVMIRAY	430	398
>PTEN-C136FRTGVMICAYL	550	>PTEN-C136FRTGVMIRAYL	218	332
>PTEN-C136FRTGVMICAY	243	>PTEN-C136FRTGVMIRAY	173	70
>PTEN-C136FRTGVMICAYL	398	>PTEN-C136FRTGVMIRAYL	937	539
>PTEN-C136FRTGVMICAY	169	>PTEN-C136FRTGVMIRAY	257	88
>PTEN-C136FRTGVMICAYL	114	>PTEN-C136FRTGVMIRAYL	95	19
>PTEN-C136FRTGVMICAYL	74	>PTEN-C136FRTGVMIRAYL	97	23
>PTEN-C136FRTGVMICAY	228	>PTEN-C136FRTGVMIRAY	199	29
>PTEN-C136FRTGVMICAY	70	>PTEN-C136FRTGVMIRAY	179	109
>PTEN-C136FRTGVMICAY	13	>PTEN-C136FRTGVMIRAY	15	2
>PTEN-C136FRTGVMICAYL	12	>PTEN-C136FRTGVMIRAYL	18	6
>PTEN-C136FRTGVMICAYL	14	>PTEN-C136FRTGVMIRAYL	15	1
>PTEN-C136FRTGVMICAY	205	>PTEN-C136FRTGVMIRAY	6599	6394
>PTEN-C136FRTGVMICAYL	438	>PTEN-C136FRTGVMIRAYL	961	523
>PTEN-C136FRTGVMICAYL	428	>PTEN-C136FRTGVMIRAYL	1745	1317
>PTEN-C136FRTGVMICAYL	90	>PTEN-C136FRTGVMIRAYL	98	8
>PTEN-C136FRTGVMICAYL	56	>PTEN-C136FRTGVMIRAYL	67	11
>PTEN-C136FRTGVMICAY	378	>PTEN-C136FRTGVMIRAY	167	211
>PTEN-C136FRTGVMICAYL	72	>PTEN-C136FRTGVMIRAYL	40	32
>PTEN-C136FRTGVMICAYL	235	>PTEN-C136FRTGVMIRAYL	306	71
>PTEN-C136FRTGVMICAYL	394	>PTEN-C136FRTGVMIRAYL	302	92
>PTEN-C136FGRTGVMIC	6103	>PTEN-C136FGRTGVMIR	345	5758
>PTEN-C136FGRTGVMICA'	113	>PTEN-C136FGRTGVMIRA'	66	47
>PTEN-C136FGRTGVMICA'	258	>PTEN-C136FGRTGVMIRA'	88	170
>PTEN-C136FGRTGVMICA'	334	>PTEN-C136FGRTGVMIRA'	185	149
>PTEN-C136FGRTGVMICA'	78	>PTEN-C136FGRTGVMIRA'	42	36
>PTEN-C136FKGRTGVMIC	365	>PTEN-C136FKGRTGVMIR	26	339
>PTEN-C136FKGRTGVMIC/	21	>PTEN-C136FKGRTGVMIR/	15	6
>PTEN-C136FKGRTGVMIC/	38	>PTEN-C136FKGRTGVMIR/	60	22
>PTEN-C136FKGRTGVMIC/	314	>PTEN-C136FKGRTGVMIR/	250	64
>PTEN-C136FKGRTGVMIC	21988	>PTEN-C136FKGRTGVMIR	302	21686
>PTEN-C136FKGRTGVMIC/	165	>PTEN-C136FKGRTGVMIR/	379	214
>PTEN-C136FKGRTGVMIC/	174	>PTEN-C136FKGRTGVMIR/	325	151
>PTEN-C136FKGRTGVMIC/	135	>PTEN-C136FKGRTGVMIR/	223	88
>PTEN-C136FKGRTGVMIC/	666	>PTEN-C136FKGRTGVMIR/	439	227
>PTEN-C136FKGRTGVMIC	34573	>PTEN-C136FKGRTGVMIR	185	34388
>PTEN-C136\CAYLLHRGKF	119	>PTEN-C136\WAYLLHRGK	386	267
>PTEN-C136\CAYLLHRGK	471	>PTEN-C136\WAYLLHRGK	711	240

>PTEN-C136\CAYLLHRGKF	1066	>PTEN-C136\WAYLLHRGKI	265	801
>PTEN-C136\CAYLLHRGKF	67	>PTEN-C136\WAYLLHRGKI	13	54
>PTEN-C136\CAYLLHRGKF	350	>PTEN-C136\WAYLLHRGKI	44	306
>PTEN-C136\CAYLLHRGKF	350	>PTEN-C136\WAYLLHRGKI	33	317
>PTEN-C136\CAYLLHRGKF	185	>PTEN-C136\WAYLLHRGKI	1512	1327
>PTEN-C136\ICAYLLHRGKI	4414	>PTEN-C136\IWAYLLHRGK	129	4285
>PTEN-C136\ICAYLLHRGKI	6442	>PTEN-C136\IWAYLLHRGK	206	6236
>PTEN-C136\ICAYLLHRGKI	11784	>PTEN-C136\IWAYLLHRGK	95	11689
>PTEN-C136\ICAYLLHR	569	>PTEN-C136\IWAYLLHR	112	457
>PTEN-C136\ICAYLLHRGKI	187	>PTEN-C136\IWAYLLHRGK	1748	1561
>PTEN-C136\ICAYLLHR	107	>PTEN-C136\IWAYLLHR	15	92
>PTEN-C136\ICAYLLHRGK	6412	>PTEN-C136\IWAYLLHRGK	193	6219
>PTEN-C136\ICAYLLHRG	37219	>PTEN-C136\IWAYLLHRG	385	36834
>PTEN-C136\ICAYLLHRGKI	37415	>PTEN-C136\IWAYLLHRGK	320	37095
>PTEN-C136\MICAYLLH	784	>PTEN-C136\MIWAYLLH	281	503
>PTEN-C136\MICAYLLHR	315	>PTEN-C136\MIWAYLLHR	122	193
>PTEN-C136\MICAYLLHRG	162	>PTEN-C136\MIWAYLLHRG	83	79
>PTEN-C136\MICAYLLH	299	>PTEN-C136\MIWAYLLH	474	175
>PTEN-C136\MICAYLLHR	89	>PTEN-C136\MIWAYLLHR	86	3
>PTEN-C136\MICAYLLHRG	49	>PTEN-C136\MIWAYLLHRG	45	4
>PTEN-C136\MICAYLLH	561	>PTEN-C136\MIWAYLLH	56	505
>PTEN-C136\MICAYLLHRG	77	>PTEN-C136\MIWAYLLHRG	114	37
>PTEN-C136\MICAYLLHR	11	>PTEN-C136\MIWAYLLHR	8	3
>PTEN-C136\MICAYLLHRG	473	>PTEN-C136\MIWAYLLHRG	74	399
>PTEN-C136\MICAYLLHR	45	>PTEN-C136\MIWAYLLHR	27	18
>PTEN-C136\MICAYLLHR	28	>PTEN-C136\MIWAYLLHR	50	22
>PTEN-C136\MICAYLLHRG	124	>PTEN-C136\MIWAYLLHRG	263	139
>PTEN-C136\MICAYLLHR	28	>PTEN-C136\MIWAYLLHR	14	14
>PTEN-C136\MICAYLLHRG	1168	>PTEN-C136\MIWAYLLHRG	265	903
>PTEN-C136\VMICAYLL	248	>PTEN-C136\VMIWAYLL	190	58
>PTEN-C136\VMICAYLL	15	>PTEN-C136\VMIWAYLL	14	1
>PTEN-C136\VMICAYLL	9	>PTEN-C136\VMIWAYLL	12	3
>PTEN-C136\VMICAYLL	27	>PTEN-C136\VMIWAYLL	31	4
>PTEN-C136\VMICAYLL	39	>PTEN-C136\VMIWAYLL	37	2
>PTEN-C136\VMICAYLL	10	>PTEN-C136\VMIWAYLL	4	6
>PTEN-C136\VMICAYLLHR	1244	>PTEN-C136\VMIWAYLLHI	402	842
>PTEN-C136\VMICAYLL	6	>PTEN-C136\VMIWAYLL	16	10
>PTEN-C136\VMICAYLL	58	>PTEN-C136\VMIWAYLL	15	43
>PTEN-C136\VMICAYLL	136	>PTEN-C136\VMIWAYLL	31	105
>PTEN-C136\VMICAYLL	16	>PTEN-C136\VMIWAYLL	4	12
>PTEN-C136\VMICAYLLH	1044	>PTEN-C136\VMIWAYLLH	386	658
>PTEN-C136\VMICAYLLHR	166	>PTEN-C136\VMIWAYLLHI	140	26
>PTEN-C136\VMICAYLLH	1118	>PTEN-C136\VMIWAYLLH	447	671

>PTEN-C136\VMICAYLLHR	52	>PTEN-C136\VMIWAYLLHI	61	9
>PTEN-C136\VMICAYLL	100	>PTEN-C136\VMIWAYLL	304	204
>PTEN-C136\VMICAYLL	955	>PTEN-C136\VMIWAYLL	448	507
>PTEN-C136\VMICAYLLH	46	>PTEN-C136\VMIWAYLLH	52	6
>PTEN-C136\VMICAYLLHR	44	>PTEN-C136\VMIWAYLLHI	32	12
>PTEN-C136\VMICAYLLHR	237	>PTEN-C136\VMIWAYLLHI	177	60
>PTEN-C136\VMICAYLLHR	119	>PTEN-C136\VMIWAYLLHI	143	24
>PTEN-C136\VMICAYLL	126	>PTEN-C136\VMIWAYLL	646	520
>PTEN-C136\VMICAYLLHR	434	>PTEN-C136\VMIWAYLLHI	2071	1637
>PTEN-C136\VMICAYLL	1077	>PTEN-C136\VMIWAYLL	278	799
>PTEN-C136\VMICAYLLHR	70	>PTEN-C136\VMIWAYLLHI	102	32
>PTEN-C136\VMICAYLLHR	58	>PTEN-C136\VMIWAYLLHI	55	3
>PTEN-C136\GVMICAYL	66	>PTEN-C136\GVMIWAYL	43	23
>PTEN-C136\GVMICAYLL	57	>PTEN-C136\GVMIWAYLL	32	25
>PTEN-C136\GVMICAYL	20	>PTEN-C136\GVMIWAYL	33	13
>PTEN-C136\GVMICAYLL	18	>PTEN-C136\GVMIWAYLL	34	16
>PTEN-C136\GVMICAYL	260	>PTEN-C136\GVMIWAYL	240	20
>PTEN-C136\GVMICAYL	51	>PTEN-C136\GVMIWAYL	30	21
>PTEN-C136\GVMICAYLL	112	>PTEN-C136\GVMIWAYLL	80	32
>PTEN-C136\GVMICAYL	844	>PTEN-C136\GVMIWAYL	42	802
>PTEN-C136\GVMICAYLL	3817	>PTEN-C136\GVMIWAYLL	97	3720
>PTEN-C136\GVMICAYL	346	>PTEN-C136\GVMIWAYL	119	227
>PTEN-C136\GVMICAYLL	327	>PTEN-C136\GVMIWAYLL	78	249
>PTEN-C136\GVMICAYL	2141	>PTEN-C136\GVMIWAYL	205	1936
>PTEN-C136\GVMICAYLL	4362	>PTEN-C136\GVMIWAYLL	340	4022
>PTEN-C136\GVMICAYL	403	>PTEN-C136\GVMIWAYL	133	270
>PTEN-C136\GVMICAYLL	2518	>PTEN-C136\GVMIWAYLL	380	2138
>PTEN-C136\GVMICAYL	574	>PTEN-C136\GVMIWAYL	126	448
>PTEN-C136\GVMICAYLL	1979	>PTEN-C136\GVMIWAYLL	181	1798
>PTEN-C136\GVMICAYLLH	52	>PTEN-C136\GVMIWAYLLI	31	21
>PTEN-C136\GVMICAYLLH	38	>PTEN-C136\GVMIWAYLLI	27	11
>PTEN-C136\GVMICAYLL	2144	>PTEN-C136\GVMIWAYLL	394	1750
>PTEN-C136\GVMICAYLLH	1046	>PTEN-C136\GVMIWAYLLI	445	601
>PTEN-C136\GVMICAYLLH	177	>PTEN-C136\GVMIWAYLLI	177	0
>PTEN-C136\GVMICAYL	485	>PTEN-C136\GVMIWAYL	351	134
>PTEN-C136\GVMICAYLL	7932	>PTEN-C136\GVMIWAYLL	480	7452
>PTEN-C136\GVMICAYLL	222	>PTEN-C136\GVMIWAYLL	260	38
>PTEN-C136\GVMICAYLLH	198	>PTEN-C136\GVMIWAYLLI	155	43
>PTEN-C136\GVMICAYLLH	132	>PTEN-C136\GVMIWAYLLI	246	114
>PTEN-C136\TGVMICAYL	1775	>PTEN-C136\TGVMIWAYL	386	1389
>PTEN-C136\TGVMICAY	2263	>PTEN-C136\TGVMIWAY	247	2016
>PTEN-C136\TGVMICAY	567	>PTEN-C136\TGVMIWAY	132	435
>PTEN-C136\TGVMICAYL	267	>PTEN-C136\TGVMIWAYL	112	155

>PTEN-C136\TGVMICAY	166	>PTEN-C136\TGVMIIWAY	88	78
>PTEN-C136\RTGVMICAY	976	>PTEN-C136\RTGVMIIWAY	104	872
>PTEN-C136\RTGVMICAYL	583	>PTEN-C136\RTGVMIIWAY	469	114
>PTEN-C136\RTGVMICAYL	1073	>PTEN-C136\RTGVMIIWAY	256	817
>PTEN-C136\RTGVMICAY	913	>PTEN-C136\RTGVMIIWAY	213	700
>PTEN-C136\RTGVMICAY	828	>PTEN-C136\RTGVMIIWAY	277	551
>PTEN-C136\RTGVMICAY	1808	>PTEN-C136\RTGVMIIWAY	61	1747
>PTEN-C136\RTGVMICAYL	550	>PTEN-C136\RTGVMIIWAY	220	330
>PTEN-C136\RTGVMICAY	243	>PTEN-C136\RTGVMIIWAY	18	225
>PTEN-C136\RTGVMICAYL	398	>PTEN-C136\RTGVMIIWAY	269	129
>PTEN-C136\RTGVMICAY	169	>PTEN-C136\RTGVMIIWAY	83	86
>PTEN-C136\RTGVMICAYL	114	>PTEN-C136\RTGVMIIWAY	54	60
>PTEN-C136\RTGVMICAYL	74	>PTEN-C136\RTGVMIIWAY	176	102
>PTEN-C136\RTGVMICAY	228	>PTEN-C136\RTGVMIIWAY	7	221
>PTEN-C136\RTGVMICAY	70	>PTEN-C136\RTGVMIIWAY	305	235
>PTEN-C136\RTGVMICAY	13	>PTEN-C136\RTGVMIIWAY	13	0
>PTEN-C136\RTGVMICAYL	12	>PTEN-C136\RTGVMIIWAY	10	2
>PTEN-C136\RTGVMICAYL	14	>PTEN-C136\RTGVMIIWAY	15	1
>PTEN-C136\RTGVMICAY	205	>PTEN-C136\RTGVMIIWAY	66	139
>PTEN-C136\RTGVMICAYL	438	>PTEN-C136\RTGVMIIWAY	186	252
>PTEN-C136\RTGVMICAYL	428	>PTEN-C136\RTGVMIIWAY	216	212
>PTEN-C136\RTGVMICAYL	90	>PTEN-C136\RTGVMIIWAY	61	29
>PTEN-C136\RTGVMICAYL	56	>PTEN-C136\RTGVMIIWAY	24	32
>PTEN-C136\RTGVMICAY	378	>PTEN-C136\RTGVMIIWAY	636	258
>PTEN-C136\RTGVMICAYL	72	>PTEN-C136\RTGVMIIWAY	36	36
>PTEN-C136\RTGVMICAYL	235	>PTEN-C136\RTGVMIIWAY	288	53
>PTEN-C136\RTGVMICAY	2089	>PTEN-C136\RTGVMIIWAY	134	1955
>PTEN-C136\RTGVMICAYL	394	>PTEN-C136\RTGVMIIWAY	320	74
>PTEN-C136\GRTGVMICA'	620	>PTEN-C136\GRTGVMIIWA'	198	422
>PTEN-C136\GRTGVMICA'	113	>PTEN-C136\GRTGVMIIWA'	37	76
>PTEN-C136\GRTGVMICA'	258	>PTEN-C136\GRTGVMIIWA'	95	163
>PTEN-C136\GRTGVMICA'	334	>PTEN-C136\GRTGVMIIWA'	149	185
>PTEN-C136\GRTGVMICA'	78	>PTEN-C136\GRTGVMIIWA'	46	32
>PTEN-C136\GRTGVMIC	32212	>PTEN-C136\GRTGVMIIW	45	32167
>PTEN-C136\KGRTGVMIC	365	>PTEN-C136\KGRTGVMIIW	983	618
>PTEN-C136\KGRTGVMIC/	21	>PTEN-C136\KGRTGVMIIW	15	6
>PTEN-C136\KGRTGVMIC/	38	>PTEN-C136\KGRTGVMIIW	89	51
>PTEN-C136\KGRTGVMIC/	314	>PTEN-C136\KGRTGVMIIW	50	264
>PTEN-C136\KGRTGVMIC/	165	>PTEN-C136\KGRTGVMIIW	559	394
>PTEN-C136\KGRTGVMIC/	174	>PTEN-C136\KGRTGVMIIW	273	99
>PTEN-C136\KGRTGVMIC	21458	>PTEN-C136\KGRTGVMIIW	119	21339
>PTEN-C136\KGRTGVMIC/	135	>PTEN-C136\KGRTGVMIIW	222	87
>PTEN-C136\KGRTGVMIC	23526	>PTEN-C136\KGRTGVMIIW	85	23441

>PTEN-C136\KGRTGVMIC	20625	>PTEN-C136\KGRTGVMIW	36	20589
>PTEN-C136\CAYLLHRGKF	119	>PTEN-C136\YAYLLHRGKF	154	35
>PTEN-C136\CAYLLHRGK	523	>PTEN-C136\YAYLLHRGK	410	113
>PTEN-C136\CAYLLHRGK	471	>PTEN-C136\YAYLLHRGK	71	400
>PTEN-C136\CAYLLHRGKF	1066	>PTEN-C136\YAYLLHRGKF	112	954
>PTEN-C136\CAYLLHRGKF	67	>PTEN-C136\YAYLLHRGKF	6	61
>PTEN-C136\CAYLLHRGKF	350	>PTEN-C136\YAYLLHRGKF	12	338
>PTEN-C136\CAYLLHRGKF	1797	>PTEN-C136\YAYLLHRGKF	270	1527
>PTEN-C136\CAYLLHRGKF	350	>PTEN-C136\YAYLLHRGKF	49	301
>PTEN-C136\CAYLLHRGKF	185	>PTEN-C136\YAYLLHRGKF	895	710
>PTEN-C136\ICAYLLHRGKI	4414	>PTEN-C136\IYAYLLHRGKI	70	4344
>PTEN-C136\ICAYLLHRGKI	6442	>PTEN-C136\IYAYLLHRGKI	95	6347
>PTEN-C136\ICAYLLHRGKI	11784	>PTEN-C136\IYAYLLHRGKI	18	11766
>PTEN-C136\ICAYLLHR	569	>PTEN-C136\IYAYLLHR	22	547
>PTEN-C136\ICAYLLHR	1217	>PTEN-C136\IYAYLLHR	48	1169
>PTEN-C136\ICAYLLHR	969	>PTEN-C136\IYAYLLHR	219	750
>PTEN-C136\ICAYLLHRGKI	187	>PTEN-C136\IYAYLLHRGKI	1283	1096
>PTEN-C136\ICAYLLHR	107	>PTEN-C136\IYAYLLHR	22	85
>PTEN-C136\AGKGRTGVM	32043	>PTEN-C136\AGKGRTGVM	458	31585
>PTEN-C136\AGKGRTGVM	20367	>PTEN-C136\AGKGRTGVM	480	19887
>PTEN-C136\MICAYLLH	784	>PTEN-C136\MIYAYLLH	55	729
>PTEN-C136\MICAYLLHR	315	>PTEN-C136\MIYAYLLHR	36	279
>PTEN-C136\MICAYLLHRG	162	>PTEN-C136\MIYAYLLHRG	33	129
>PTEN-C136\MICAYLLH	299	>PTEN-C136\MIYAYLLH	76	223
>PTEN-C136\MICAYLLHR	89	>PTEN-C136\MIYAYLLHR	29	60
>PTEN-C136\MICAYLLHRG	49	>PTEN-C136\MIYAYLLHRG	21	28
>PTEN-C136\MICAYLLH	561	>PTEN-C136\MIYAYLLH	96	465
>PTEN-C136\MICAYLLHRG	77	>PTEN-C136\MIYAYLLHRG	31	46
>PTEN-C136\MICAYLLHR	11	>PTEN-C136\MIYAYLLHR	9	2
>PTEN-C136\MICAYLLHRG	473	>PTEN-C136\MIYAYLLHRG	155	318
>PTEN-C136\MICAYLLHR	45	>PTEN-C136\MIYAYLLHR	35	10
>PTEN-C136\MICAYLLHR	28	>PTEN-C136\MIYAYLLHR	9	19
>PTEN-C136\MICAYLLHRG	124	>PTEN-C136\MIYAYLLHRG	24	100
>PTEN-C136\MICAYLLHR	28	>PTEN-C136\MIYAYLLHR	18	10
>PTEN-C136\MICAYLLHRG	1168	>PTEN-C136\MIYAYLLHRG	417	751
>PTEN-C136\VMICAYLL	248	>PTEN-C136\VMIYAYLL	140	108
>PTEN-C136\VMICAYLL	15	>PTEN-C136\VMIYAYLL	17	2
>PTEN-C136\VMICAYLL	9	>PTEN-C136\VMIYAYLL	9	0
>PTEN-C136\VMICAYLL	27	>PTEN-C136\VMIYAYLL	43	16
>PTEN-C136\VMICAYLL	39	>PTEN-C136\VMIYAYLL	64	25
>PTEN-C136\VMICAYLL	10	>PTEN-C136\VMIYAYLL	26	16
>PTEN-C136\VMICAYLL	6	>PTEN-C136\VMIYAYLL	16	10
>PTEN-C136\VMICAYLL	58	>PTEN-C136\VMIYAYLL	77	19

>PTEN-C136\VMICAYLL	136	>PTEN-C136\VMIIYAYLL	299	163
>PTEN-C136\VMICAYLL	16	>PTEN-C136\VMIIYAYLL	20	4
>PTEN-C136\VMICAYLLHR	166	>PTEN-C136\VMIIYAYLLHR	74	92
>PTEN-C136\VMICAYLLHR	52	>PTEN-C136\VMIIYAYLLHR	36	16
>PTEN-C136\VMICAYLL	100	>PTEN-C136\VMIIYAYLL	217	117
>PTEN-C136\VMICAYLLH	46	>PTEN-C136\VMIIYAYLLH	30	16
>PTEN-C136\VMICAYLLHR	44	>PTEN-C136\VMIIYAYLLHR	40	4
>PTEN-C136\VMICAYLLHR	237	>PTEN-C136\VMIIYAYLLHR	183	54
>PTEN-C136\VMICAYLLHR	119	>PTEN-C136\VMIIYAYLLHR	89	30
>PTEN-C136\VMICAYLL	126	>PTEN-C136\VMIIYAYLL	105	21
>PTEN-C136\VMICAYLLHR	434	>PTEN-C136\VMIIYAYLLHR	450	16
>PTEN-C136\VMICAYLL	1022	>PTEN-C136\VMIIYAYLL	299	723
>PTEN-C136\VMICAYLLHR	70	>PTEN-C136\VMIIYAYLLHR	87	17
>PTEN-C136\VMICAYLLHR	58	>PTEN-C136\VMIIYAYLLHR	146	88
>PTEN-C136\GVMICAYL	2779	>PTEN-C136\GVMIYAYL	32	2747
>PTEN-C136\GVMICAYL	66	>PTEN-C136\GVMIYAYL	53	13
>PTEN-C136\GVMICAYLL	57	>PTEN-C136\GVMIYAYLL	35	22
>PTEN-C136\GVMICAYL	20	>PTEN-C136\GVMIYAYL	14	6
>PTEN-C136\GVMICAYLL	18	>PTEN-C136\GVMIYAYLL	11	7
>PTEN-C136\GVMICAYL	260	>PTEN-C136\GVMIYAYL	139	121
>PTEN-C136\GVMICAYL	51	>PTEN-C136\GVMIYAYL	41	10
>PTEN-C136\GVMICAYLL	112	>PTEN-C136\GVMIYAYLL	66	46
>PTEN-C136\GVMICAYL	844	>PTEN-C136\GVMIYAYL	107	737
>PTEN-C136\GVMICAYL	346	>PTEN-C136\GVMIYAYL	185	161
>PTEN-C136\GVMICAYLL	327	>PTEN-C136\GVMIYAYLL	297	30
>PTEN-C136\GVMICAYL	403	>PTEN-C136\GVMIYAYL	382	21
>PTEN-C136\GVMICAYL	574	>PTEN-C136\GVMIYAYL	311	263
>PTEN-C136\GVMICAYLLH	52	>PTEN-C136\GVMIYAYLLH	37	15
>PTEN-C136\GVMICAYLLH	38	>PTEN-C136\GVMIYAYLLH	28	10
>PTEN-C136\GVMICAYLLH	177	>PTEN-C136\GVMIYAYLLH	107	70
>PTEN-C136\GVMICAYL	485	>PTEN-C136\GVMIYAYL	448	37
>PTEN-C136\GVMICAYLL	222	>PTEN-C136\GVMIYAYLL	453	231
>PTEN-C136\GVMICAYLLH	198	>PTEN-C136\GVMIYAYLLH	157	41
>PTEN-C136\GVMICAYLLH	132	>PTEN-C136\GVMIYAYLLH	318	186
>PTEN-C136\TGVMICAYL	1775	>PTEN-C136\TGVMIIYAYL	182	1593
>PTEN-C136\TGVMICAY	2263	>PTEN-C136\TGVMIIYAY	219	2044
>PTEN-C136\TGVMICAY	567	>PTEN-C136\TGVMIIYAY	144	423
>PTEN-C136\TGVMICAYL	267	>PTEN-C136\TGVMIIYAYL	88	179
>PTEN-C136\TGVMICAY	166	>PTEN-C136\TGVMIIYAY	75	91
>PTEN-C136\TGVMICAYLL	791	>PTEN-C136\TGVMIIYAYLL	428	363
>PTEN-C136\TGVMICAY	1635	>PTEN-C136\TGVMIIYAY	352	1283
>PTEN-C136\RTGVMICAY	976	>PTEN-C136\RTGVMIIYAY	327	649
>PTEN-C136\RTGVMICAYL	583	>PTEN-C136\RTGVMIIYAYL	296	287

>PTEN-C136\RTGVMICAYL	1073	>PTEN-C136\RTGVMIIYAYL	475	598
>PTEN-C136\RTGVMICAY	913	>PTEN-C136\RTGVMIIYAY	148	765
>PTEN-C136\RTGVMICAY	828	>PTEN-C136\RTGVMIIYAY	173	655
>PTEN-C136\RTGVMICAY	1808	>PTEN-C136\RTGVMIIYAY	36	1772
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>PTEN-C136\RTGVMICAYL	550	>PTEN-C136\RTGVMIIYAYL	241	309
>PTEN-C136\RTGVMICAY	243	>PTEN-C136\RTGVMIIYAY	19	224
>PTEN-C136\RTGVMICAYL	398	>PTEN-C136\RTGVMIIYAYL	339	59
>PTEN-C136\RTGVMICAY	2502	>PTEN-C136\RTGVMIIYAY	361	2141
>PTEN-C136\RTGVMICAY	169	>PTEN-C136\RTGVMIIYAY	22	147
>PTEN-C136\RTGVMICAYL	632	>PTEN-C136\RTGVMIIYAYL	391	241
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>PTEN-C136\RTGVMICAYL	74	>PTEN-C136\RTGVMIIYAYL	116	42
>PTEN-C136\RTGVMICAY	228	>PTEN-C136\RTGVMIIYAY	24	204
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>PTEN-C136\RTGVMICAYL	14	>PTEN-C136\RTGVMIIYAYL	13	1
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>PTEN-C136\RTGVMICAYL	438	>PTEN-C136\RTGVMIIYAYL	187	251
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>PTEN-C136\RTGVMICAYL	56	>PTEN-C136\RTGVMIIYAYL	22	34
>PTEN-C136\RTGVMICAY	378	>PTEN-C136\RTGVMIIYAY	178	200
>PTEN-C136\RTGVMICAYL	72	>PTEN-C136\RTGVMIIYAYL	39	33
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>PTEN-C136\GRTGVMIC	6103	>PTEN-C136\GRTGVMIIY	483	5620
>PTEN-C136\GRTGVMICA'	113	>PTEN-C136\GRTGVMIIYA'	46	67
>PTEN-C136\GRTGVMICA'	258	>PTEN-C136\GRTGVMIIYA'	114	144
>PTEN-C136\GRTGVMICA'	334	>PTEN-C136\GRTGVMIIYA'	221	113
>PTEN-C136\GRTGVMICA'	78	>PTEN-C136\GRTGVMIIYA'	50	28
>PTEN-C136\KGRTGVMIC	365	>PTEN-C136\KGRTGVMIIY	29	336
>PTEN-C136\KGRTGVMIC/	21	>PTEN-C136\KGRTGVMIIY/	6	15
>PTEN-C136\KGRTGVMIC/	38	>PTEN-C136\KGRTGVMIIY/	64	26
>PTEN-C136\KGRTGVMIC	26672	>PTEN-C136\KGRTGVMIIY	228	26444
>PTEN-C136\KGRTGVMIC/	314	>PTEN-C136\KGRTGVMIIY/	51	263
>PTEN-C136\KGRTGVMIC/	165	>PTEN-C136\KGRTGVMIIY/	268	103
>PTEN-C136\KGRTGVMIC	13944	>PTEN-C136\KGRTGVMIIY	126	13818
>PTEN-C136\KGRTGVMIC/	174	>PTEN-C136\KGRTGVMIIY/	226	52



>PTEN-C136\KGRTGVMIC	21458	>PTEN-C136\KGRTGVMIIY	205	21253
>PTEN-C136\KGRTGVMIC/	135	>PTEN-C136\KGRTGVMIIY/	205	70
>PTEN-C136\KGRTGVMIC	13397	>PTEN-C136\KGRTGVMIIY	76	13321
>PTEN-C136\KGRTGVMIC/	666	>PTEN-C136\KGRTGVMIIY/	425	241
>PTEN-C136\GKGRTGVMII	6679	>PTEN-C136\GKGRTGVMII'	25	6654
>PTEN-C211\CNPQFVVCQ	625	>PTEN-C211\YNPQFVVCQ	71	554
>PTEN-C211\TCNPQFVVC	23797	>PTEN-C211\TYNPQFVVC	57	23740
>PTEN-C211\TCNPQFVVC	22713	>PTEN-C211\TYNPQFVVC	476	22237
>PTEN-C211\TCNPQFVV	23634	>PTEN-C211\TYNPQFVV	194	23440
>PTEN-C211\TCNPQFVVC	14270	>PTEN-C211\TYNPQFVVC	10	14260
>PTEN-C211\TCNPQFVV	293	>PTEN-C211\TYNPQFVV	1115	822
>PTEN-C211\ETIPMFSGGT	2454	>PTEN-C211\ETIPMFSGGT	28	2426
>PTEN-C211\ETIPMFSGGT	774	>PTEN-C211\ETIPMFSGGT	5	769
>PTEN-C211\ETIPMFSGGT	875	>PTEN-C211\ETIPMFSGGT	3	872
>PTEN-C211\ETIPMFSGGT	3920	>PTEN-C211\ETIPMFSGGT	4	3916
>PTEN-C211\ETIPMFSGGT	21991	>PTEN-C211\ETIPMFSGGT	45	21946
>PTEN-C211\ETIPMFSGGT	23469	>PTEN-C211\ETIPMFSGGT	92	23377
>PTEN-C211\ETIPMFSGGT	6232	>PTEN-C211\ETIPMFSGGT	24	6208
>PTEN-C211\ETIPMFSGGT	17026	>PTEN-C211\ETIPMFSGGT	158	16868
>PTEN-C211\ETIPMFSGGT	5281	>PTEN-C211\ETIPMFSGGT	5	5276
>PTEN-C211\ETIPMFSGGT	18587	>PTEN-C211\ETIPMFSGGT	306	18281
>PTEN-C211\ETIPMFSGGT	5365	>PTEN-C211\ETIPMFSGGT	17	5348
>PTEN-C211\GTCNPQFV	5083	>PTEN-C211\GTYNPQFV	443	4640
>PTEN-C211\GTCNPQFVV	4624	>PTEN-C211\GTYNPQFVV	444	4180
>PTEN-C211\GTCNPQFV	2085	>PTEN-C211\GTYNPQFV	118	1967
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>PTEN-C211\GTCNPQFVV	1472	>PTEN-C211\GTYNPQFVV	146	1326
>PTEN-C211\GTCNPQFV	37	>PTEN-C211\GTYNPQFV	5	32
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>PTEN-C211\GTCNPQFV	1339	>PTEN-C211\GTYNPQFV	204	1135
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>PTEN-C211\GTCNPQFVV	130	>PTEN-C211\GTYNPQFVV	27	103
>PTEN-C211\FSGGTCNPQF	143	>PTEN-C211\FSGGTYNPQF	117	26
>PTEN-C211\FSGGTCNPQF	311	>PTEN-C211\FSGGTYNPQF	285	26

>PTEN-C211\FSGGTCNPQI	156	>PTEN-C211\FSGGTYNPQI	99	57
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>PTEN-C211\FSGGTCNPQI	621	>PTEN-C211\FSGGTYNPQI	379	242
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>PTEN-C211\PMFSGGTC	5284	>PTEN-C211\PMFSGGTY	24	5260
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>PTEN-C211\TIPMFSGGTC	30458	>PTEN-C211\TIPMFSGGTY	149	30309
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>PTEN-C304(EIDSICSIER	479	>PTEN-C304(EIDSIGSIER	836	357
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>PTEN-C304(EIDSICSI	38	>PTEN-C304(EIDSIGSI	56	18
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>PTEN-C304(QEIDSICS	228	>PTEN-C304(QEIDSIGS	549	321
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>PTEN-C304(CDQEIDSICSI	52	>PTEN-C304(CDQEIDSIGSI	44	8
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>PTEN-C304(SIERADNDK	1021	>PTEN-C304(SSIERADNDK	345	676
>PTEN-C304(SLCDQEIDSIC	76	>PTEN-C304(SLCDQEIDSIS	1787	1711
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>PTEN-C304(SEIDSICSIER	479	>PTEN-C304(SEIDSISSIER	389	90
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>PTEN-C304(SEIDSICSIERA	830	>PTEN-C304(SEIDSISSIERA	457	373
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>PTEN-C71W CAERHYDTA	668	>PTEN-C71W WAERHYDTA	98	570
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>PTEN-C71W LCAERHYDTA	11627	>PTEN-C71W LWAEERHYDT,	269	11358
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>PTEN-C71W NLCAERHYDT	944	>PTEN-C71W NLWAERHYD	61	883
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>PTEN-C71W KIYNLCAERH'	107	>PTEN-C71W KIYNLWAERH'	96	11
>PTEN-C71W KIYNLCAER	157	>PTEN-C71W KIYNLWAER	102	55
>PTEN-C71W KIYNLCAERH'	233	>PTEN-C71W KIYNLWAERH'	172	61
>PTEN-C71W KIYNLCAER	4052	>PTEN-C71W KIYNLWAER	346	3706
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>PTEN-C71W KIYNLCAERH'	226	>PTEN-C71W KIYNLWAERH'	358	132
>PTEN-C71W KIYNLCAERH'	132	>PTEN-C71W KIYNLWAERH'	82	50
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>PTEN-C71W YKIYNLCA	112	>PTEN-C71W YKIYNLWA	363	251
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>PTEN-C71Y- NLCAERHYDT	3765	>PTEN-C71Y- NLYAERHYDT	196	3569
>PTEN-C71Y- NLCAERHYDT	7888	>PTEN-C71Y- NLYAERHYDT	293	7595
>PTEN-C71Y- NLCAERHYDT	3600	>PTEN-C71Y- NLYAERHYDT	492	3108
>PTEN-C71Y- NLCAERHYDT	387	>PTEN-C71Y- NLYAERHYDT	62	325
>PTEN-C71Y- NLCAERHY	884	>PTEN-C71Y- NLYAERHY	193	691
>PTEN-C71Y- NLCAERHY	551	>PTEN-C71Y- NLYAERHY	389	162
>PTEN-C71Y- NLCAERHY	310	>PTEN-C71Y- NLYAERHY	259	51
>PTEN-C71Y- NLCAERHY	346	>PTEN-C71Y- NLYAERHY	145	201
>PTEN-C71Y- NLCAERHY	781	>PTEN-C71Y- NLYAERHY	83	698
>PTEN-C71Y- YNLCAERHY	880	>PTEN-C71Y- YNLYAERHY	458	422
>PTEN-C71Y- YNLCAERHY	254	>PTEN-C71Y- YNLYAERHY	185	69
>PTEN-C71Y- IYNLCAERHY	43	>PTEN-C71Y- IYNLYAERHY	28	15
>PTEN-C71Y- IYNLCAERHY	212	>PTEN-C71Y- IYNLYAERHY	93	119
>PTEN-C71Y- IYNLCAER	36	>PTEN-C71Y- IYNLYAER	20	16
>PTEN-C71Y- IYNLCAER	62	>PTEN-C71Y- IYNLYAER	49	13
>PTEN-C71Y- IYNLCAER	55	>PTEN-C71Y- IYNLYAER	62	7
>PTEN-C71Y- KIYNLCAER	78	>PTEN-C71Y- KIYNLYAER	63	15
>PTEN-C71Y- KIYNLCAERH'	107	>PTEN-C71Y- KIYNLYAERH'	98	9
>PTEN-C71Y- KIYNLCAER	157	>PTEN-C71Y- KIYNLYAER	47	110
>PTEN-C71Y- KIYNLCAERH'	233	>PTEN-C71Y- KIYNLYAERH'	200	33
>PTEN-C71Y- KIYNLCAERH'	59	>PTEN-C71Y- KIYNLYAERH'	58	1
>PTEN-C71Y- KIYNLCAER	10	>PTEN-C71Y- KIYNLYAER	6	4
>PTEN-C71Y- KIYNLCAE	858	>PTEN-C71Y- KIYNLYAE	266	592
>PTEN-C71Y- KIYNLCAER	119	>PTEN-C71Y- KIYNLYAER	114	5
>PTEN-C71Y- KIYNLCAERH'	233	>PTEN-C71Y- KIYNLYAERH'	170	63
>PTEN-C71Y- KIYNLCAERH'	76	>PTEN-C71Y- KIYNLYAERH'	81	5
>PTEN-C71Y- KIYNLCAERH'	226	>PTEN-C71Y- KIYNLYAERH'	137	89
>PTEN-C71Y- KIYNLCAERH'	132	>PTEN-C71Y- KIYNLYAERH'	114	18
>PTEN-C71Y- KIYNLCAERH'	453	>PTEN-C71Y- KIYNLYAERH'	651	198
>PTEN-C71Y- KIYNLCAER	40	>PTEN-C71Y- KIYNLYAER	23	17
>PTEN-C71Y- YKIYNLCA	112	>PTEN-C71Y- YKIYNLYA	97	15

>PTEN-C71Y-YKIYNLCAE	469	>PTEN-C71Y-YKIYNLYAE	636	167
>PTEN-C71Y-YKIYNLCAER	117	>PTEN-C71Y-YKIYNLYAER	72	45
>PTEN-C71Y-YKIYNLCAERI	301	>PTEN-C71Y-YKIYNLYAERI	273	28
>PTEN-C71Y-HYKIYNLC	20588	>PTEN-C71Y-HYKIYNLY	79	20509
>PTEN-C71Y-HYKIYNLC	616	>PTEN-C71Y-HYKIYNLY	37	579
>PTEN-C71Y-HYKIYNLCA	22	>PTEN-C71Y-HYKIYNLYA	5	17
>PTEN-C71Y-HYKIYNLCAEI	120	>PTEN-C71Y-HYKIYNLYAEI	27	93
>PTEN-C71Y-HYKIYNLC	18050	>PTEN-C71Y-HYKIYNLY	170	17880
>PTEN-C71Y-HYKIYNLCAEI	9	>PTEN-C71Y-HYKIYNLYAEI	7	2
>PTEN-C71Y-HYKIYNLCAEI	13	>PTEN-C71Y-HYKIYNLYAEI	11	2
>PTEN-C71Y-HYKIYNLCAEI	272	>PTEN-C71Y-HYKIYNLYAEI	263	9
>PTEN-C71Y-HYKIYNLC	27967	>PTEN-C71Y-HYKIYNLY	179	27788
>PTEN-C71Y-HYKIYNLC	33204	>PTEN-C71Y-HYKIYNLY	85	33119
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>PTEN-C71Y-HYKIYNLCAEI	26	>PTEN-C71Y-HYKIYNLYAEI	17	9
>PTEN-C71Y-NHYKIYNLC	24169	>PTEN-C71Y-NHYKIYNLY	121	24048
>PTEN-C71Y-NHYKIYNLC	25946	>PTEN-C71Y-NHYKIYNLY	261	25685
>PTEN-C71Y-NHYKIYNLC	10978	>PTEN-C71Y-NHYKIYNLY	263	10715
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>PTEN-C71Y-KNHYKIYNLC	497	>PTEN-C71Y-KNHYKIYNLY	55	442
>PTEN-C71Y-KNHYKIYNLC	31541	>PTEN-C71Y-KNHYKIYNLY	180	31361
>PTEN-C71Y-KNHYKIYNLC	27157	>PTEN-C71Y-KNHYKIYNLY	438	26719
>PTEN-D107, QLELIKPFCEA	25896	>PTEN-D107, QLELIKPFCEA	236	25660
>PTEN-D107, CEDLDQWL	157	>PTEN-D107, CEALDQWL	192	35
>PTEN-D107, CEDLDQWL	128	>PTEN-D107, CEALDQWL	141	13
>PTEN-D107, CEDLDQWL	1037	>PTEN-D107, CEALDQWL	437	600
>PTEN-D107, FCEALDQW	43	>PTEN-D107, FCEALDQW	66	23
>PTEN-D107, KPFCEDLDQV	588	>PTEN-D107, KPFCEDLDQV	333	255
>PTEN-D107, KPFCEDLDQV	13	>PTEN-D107, KPFCEDLDQV	15	2
>PTEN-D107, KPFCEDLDQV	102	>PTEN-D107, KPFCEDLDQV	102	0
>PTEN-D107, IKPFCEAL	910	>PTEN-D107, IKPFCEAL	225	685
>PTEN-D107, LIKPFCEAL	1522	>PTEN-D107, LIKPFCEAL	167	1355
>PTEN-D107, LIKPFCEA	21477	>PTEN-D107, LIKPFCEA	302	21175
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>PTEN-D107, LIKPFCEA	25248	>PTEN-D107, LIKPFCEA	185	25063
>PTEN-D107, LIKPFCEAL	541	>PTEN-D107, LIKPFCEAL	322	219
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>PTEN-D107, ELIKPFCEAL	1225	>PTEN-D107, ELIKPFCEAL	400	825
>PTEN-D107, ELIKPFCEA	18219	>PTEN-D107, ELIKPFCEA	227	17992
>PTEN-D107, ELIKPFCEAL	1130	>PTEN-D107, ELIKPFCEAL	153	977
>PTEN-D107, ELIKPFCEA	18907	>PTEN-D107, ELIKPFCEA	80	18827
>PTEN-D107, ELIKPFCEAL	156	>PTEN-D107, ELIKPFCEAL	105	51

>PTEN-D107, ELIKPFCEDL	775	>PTEN-D107, ELIKPFCEAL	175	600
>PTEN-D107, ELIKPFCEAL	1055	>PTEN-D107, ELIKPFCEAL	483	572
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>PTEN-D107, ELIKPFCEA	14640	>PTEN-D107, ELIKPFCEA	125	14515
>PTEN-D107, ELIKPFCEAL	726	>PTEN-D107, ELIKPFCEAL	94	632
>PTEN-D107, LELIKPFCEAL	166	>PTEN-D107, LELIKPFCEAL	162	4
>PTEN-D107, LELIKPFCEAL	1796	>PTEN-D107, LELIKPFCEAL	217	1579
>PTEN-D107, LELIKPFCEAL	248	>PTEN-D107, LELIKPFCEAL	60	188
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>PTEN-D107, LELIKPFCEAL	78	>PTEN-D107, LELIKPFCEAL	70	8
>PTEN-D107, ICENLDQWL	157	>PTEN-D107, ICENLDQWL	157	0
>PTEN-D107, ICENLDQWL	128	>PTEN-D107, ICENLDQWL	252	124
>PTEN-D107, ICENLDQWL	1037	>PTEN-D107, ICENLDQWL	235	802
>PTEN-D107, FCENLDQW	43	>PTEN-D107, FCENLDQW	60	17
>PTEN-D107, KPFCENLDQV	588	>PTEN-D107, KPFCENLDQV	465	123
>PTEN-D107, KPFCENLDQV	698	>PTEN-D107, KPFCENLDQV	403	295
>PTEN-D107, KPFCENLDQV	13	>PTEN-D107, KPFCENLDQV	16	3
>PTEN-D107, KPFCENLDQV	102	>PTEN-D107, KPFCENLDQV	92	10
>PTEN-D107, IKPFCEAL	910	>PTEN-D107, IKPFCEAL	459	451
>PTEN-D107, LIKPFCEAL	1522	>PTEN-D107, LIKPFCEAL	175	1347
>PTEN-D107, LIKPFCEAL	541	>PTEN-D107, LIKPFCEAL	284	257
>PTEN-D107, ELIKPFCEAL	1225	>PTEN-D107, ELIKPFCEAL	476	749
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>PTEN-D107, ELIKPFCEAL	1055	>PTEN-D107, ELIKPFCEAL	399	656
>PTEN-D107, ELIKPFCEAL	726	>PTEN-D107, ELIKPFCEAL	93	633
>PTEN-D107, LELIKPFCEAL	166	>PTEN-D107, LELIKPFCEAL	163	3
>PTEN-D107, LELIKPFCEAL	248	>PTEN-D107, LELIKPFCEAL	174	74
>PTEN-D107, LELIKPFCEAL	275	>PTEN-D107, LELIKPFCEAL	149	126
>PTEN-D107, LELIKPFCEAL	78	>PTEN-D107, LELIKPFCEAL	76	2
>PTEN-D107, DLDQWLSE	16679	>PTEN-D107, YLDQWLSE	283	16396
>PTEN-D107, DLDQWLSED	11044	>PTEN-D107, YLDQWLSED	43	11001
>PTEN-D107, DLDQWLSE	17544	>PTEN-D107, YLDQWLSE	266	17278
>PTEN-D107, DLDQWLSED	16641	>PTEN-D107, YLDQWLSED	80	16561
>PTEN-D107, CEDLDQWL	157	>PTEN-D107, CEYLDQWL	63	94
>PTEN-D107, CEDLDQWL	4469	>PTEN-D107, CEYLDQWL	470	3999
>PTEN-D107, CEDLDQWL	128	>PTEN-D107, CEYLDQWL	73	55
>PTEN-D107, CEDLDQWL	3634	>PTEN-D107, CEYLDQWL	340	3294
>PTEN-D107, CEDLDQWL	1037	>PTEN-D107, CEYLDQWL	310	727
>PTEN-D107, FCEDLDQW	43	>PTEN-D107, FCEYLDQW	44	1
>PTEN-D107, KPFCENLDQV	588	>PTEN-D107, KPFCENLDQV	326	262
>PTEN-D107, KPFCENLDQV	698	>PTEN-D107, KPFCENLDQV	478	220

>PTEN-D107'KPFCELDQV	13	>PTEN-D107'KPFCEYLDQV	10	3
>PTEN-D107'KPFCELDQV	102	>PTEN-D107'KPFCEYLDQV	73	29
>PTEN-D107'LIKPFCEDL	1522	>PTEN-D107'LIKPFCEYL	40	1482
>PTEN-D107'LIKPFCEDL	1904	>PTEN-D107'LIKPFCEYL	354	1550
>PTEN-D107'LIKPFCEDL	5495	>PTEN-D107'LIKPFCEYL	341	5154
>PTEN-D107'LIKPFCEDL	541	>PTEN-D107'LIKPFCEYL	92	449
>PTEN-D107'LIKPFCE	26553	>PTEN-D107'LIKPFCEY	338	26215
>PTEN-D107'LIKPFCE	35265	>PTEN-D107'LIKPFCEY	308	34957
>PTEN-D107'LIKPFCE	16043	>PTEN-D107'LIKPFCEY	46	15997
>PTEN-D107'LIKPFCE	17274	>PTEN-D107'LIKPFCEY	229	17045
>PTEN-D107'ELIKPFCEDL	1522	>PTEN-D107'ELIKPFCEYL	145	1377
>PTEN-D107'ELIKPFCEDL	1225	>PTEN-D107'ELIKPFCEYL	198	1027
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>PTEN-D107'ELIKPFCEDL	4595	>PTEN-D107'ELIKPFCEYL	491	4104
>PTEN-D107'ELIKPFCEDL	2842	>PTEN-D107'ELIKPFCEYL	458	2384
>PTEN-D107'ELIKPFCEDL	6485	>PTEN-D107'ELIKPFCEYL	360	6125
>PTEN-D107'ELIKPFCEDL	156	>PTEN-D107'ELIKPFCEYL	42	114
>PTEN-D107'ELIKPFCE	21345	>PTEN-D107'ELIKPFCEY	424	20921
>PTEN-D107'ELIKPFCE	17449	>PTEN-D107'ELIKPFCEY	21	17428
>PTEN-D107'ELIKPFCE	24546	>PTEN-D107'ELIKPFCEY	11	24535
>PTEN-D107'ELIKPFCEDL	775	>PTEN-D107'ELIKPFCEYL	177	598
>PTEN-D107'ELIKPFCE	22904	>PTEN-D107'ELIKPFCEY	22	22882
>PTEN-D107'ELIKPFCEDL	2042	>PTEN-D107'ELIKPFCEYL	173	1869
>PTEN-D107'ELIKPFCEDL	726	>PTEN-D107'ELIKPFCEYL	40	686
>PTEN-D107'ELIKPFCE	16922	>PTEN-D107'ELIKPFCEY	76	16846
>PTEN-D107'ELIKPFCE	32489	>PTEN-D107'ELIKPFCEY	327	32162
>PTEN-D107'ELIKPFCE	17569	>PTEN-D107'ELIKPFCEY	199	17370
>PTEN-D107'LELIKPFCEDL	166	>PTEN-D107'LELIKPFCEYL	76	90
>PTEN-D107'LELIKPFCE	24582	>PTEN-D107'LELIKPFCEY	366	24216
>PTEN-D107'LELIKPFCEDL	248	>PTEN-D107'LELIKPFCEYL	122	126
>PTEN-D107'LELIKPFCEDL	275	>PTEN-D107'LELIKPFCEYL	175	100
>PTEN-D107'LELIKPFCEDL	78	>PTEN-D107'LELIKPFCEYL	87	9
>PTEN-D116'DDNHVAAI	343	>PTEN-D116'DGNHVAAI	19089	18746
>PTEN-D116'EDDNHVAAI	195	>PTEN-D116'EDGNHVAAI	471	276
>PTEN-D116'SEDDNHVA	161	>PTEN-D116'SEDGNHVA	207	46
>PTEN-D116'SEDDNHVAA	347	>PTEN-D116'SEDGNHVAA	516	169
>PTEN-D116'SEDDNHVAA	1148	>PTEN-D116'SEDGNHVAA	494	654
>PTEN-D116'SEDDNHVAA	435	>PTEN-D116'SEDGNHVAA	358	77
>PTEN-D116'SEDDNHVAA	117	>PTEN-D116'SEDGNHVAA	132	15
>PTEN-D116'SEDDNHVA	53	>PTEN-D116'SEDGNHVA	23	30
>PTEN-D116'SEDDNHVAA	24	>PTEN-D116'SEDGNHVAA	12	12
>PTEN-D116'SEDDNHVAA	315	>PTEN-D116'SEDGNHVAA	445	130
>PTEN-D116'SEDDNHVAA	65	>PTEN-D116'SEDGNHVAA	29	36



>PTEN-D116(LSEDDNHVA/	514	>PTEN-D116(LSEDDGNHVA/	126	388
>PTEN-D116(LSEDDNHVA/	70	>PTEN-D116(LSEDDGNHVA/	47	23
>PTEN-D116(WLSEDDNHV	105	>PTEN-D116(WLSEDDGNHV	153	48
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>PTEN-D116(WLSEDDNHV	30	>PTEN-D116(WLSEDDGNHV	30	0
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>PTEN-D116(WLSEDDNHV	22	>PTEN-D116(WLSEDDGNHV	24	2
>PTEN-D116(WLSEDDNHV	26	>PTEN-D116(WLSEDDGNHV	36	10
>PTEN-D116(WLSEDDNHV	6	>PTEN-D116(WLSEDDGNHV	6	0
>PTEN-D116(WLSEDDNHV	46	>PTEN-D116(WLSEDDGNHV	38	8
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>PTEN-D116(QWLSEDDNF	40	>PTEN-D116(QWLSEDDGNF	41	1
>PTEN-D116(QWLSEDDNF	162	>PTEN-D116(QWLSEDDGNF	135	27
>PTEN-D153IDFYGEVRTR	31	>PTEN-D153IDFYGEVRTR	148	117
>PTEN-D153IDFYGEVRTR	408	>PTEN-D153IDFYGEVRTR	535	127
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>PTEN-D153ILDIFYGEVR	975	>PTEN-D153ILDIFYGEVR	188	787
>PTEN-D153IALDFYGEV	41	>PTEN-D153IALNFYGEV	73	32
>PTEN-D153IALDFYGEV	17	>PTEN-D153IALNFYGEV	7	10
>PTEN-D153IALDFYGEV	34	>PTEN-D153IALNFYGEV	4	30
>PTEN-D153IALDFYGEV	128	>PTEN-D153IALNFYGEV	330	202
>PTEN-D153IALDFYGEV	3	>PTEN-D153IALNFYGEV	3	0
>PTEN-D153IALDFYGEVRT	308	>PTEN-D153IALNFYGEVRT	609	301
>PTEN-D153IALDFYGEV	12	>PTEN-D153IALNFYGEV	23	11
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>PTEN-D153IALDFYGEVRT	416	>PTEN-D153IALNFYGEVRT	232	184
>PTEN-D153IALDFYGEVR	2478	>PTEN-D153IALNFYGEVR	56	2422
>PTEN-D153IALDFYGEVRT	2863	>PTEN-D153IALNFYGEVRT	112	2751
>PTEN-D153I EALDFYGEV	224	>PTEN-D153I EALNFYGEV	205	19
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>PTEN-D153I EALDFYGEVR	28	>PTEN-D153I EALNFYGEVR	36	8
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>PTEN-D153I EALDFYGEV	4	>PTEN-D153I EALNFYGEV	5	1
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>PTEN-D153IQEALDFYGEV	22	>PTEN-D153IQEALNFYGEV	15	7
>PTEN-D153IQEALDFYGEV	112	>PTEN-D153IQEALNFYGEV	95	17
>PTEN-D153IQEALDFYGEV	426	>PTEN-D153IQEALNFYGEV	196	230
>PTEN-D153IQEALDFYGEV	361	>PTEN-D153IQEALNFYGEV	272	89
>PTEN-D153IQEALDFYG	796	>PTEN-D153IQEALNFYG	488	308
>PTEN-D153IQEALDFYGEV	116	>PTEN-D153IQEALNFYGEV	89	27
>PTEN-D153IAQEALDFYGE	422	>PTEN-D153IAQEALNFYGE	343	79
>PTEN-D153IAQEALDFYGE	39	>PTEN-D153IAQEALNFYGE	39	0
>PTEN-D153IAQEALDFY	178	>PTEN-D153IAQEALNFY	86	92
>PTEN-D153IAQEALDFY	421	>PTEN-D153IAQEALNFY	269	152
>PTEN-D153IKAQEALDFY	271	>PTEN-D153IKAQEALNFY	299	28
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>PTEN-D153IKAQEALDFY	46	>PTEN-D153IKAQEALNFY	19	27
>PTEN-D153IKAQEALDFY	708	>PTEN-D153IKAQEALNFY	393	315
>PTEN-D153IKAQEALDF	309	>PTEN-D153IKAQEALNF	125	184
>PTEN-D153IKAQEALDF	30	>PTEN-D153IKAQEALNF	11	19
>PTEN-D153IKAQEALDFY	139	>PTEN-D153IKAQEALNFY	92	47
>PTEN-D153IKAQEALDFY	481	>PTEN-D153IKAQEALNFY	355	126
>PTEN-D153IKAQEALDF	133	>PTEN-D153IKAQEALNF	49	84
>PTEN-D153IKAQEALDFY	195	>PTEN-D153IKAQEALNFY	333	138
>PTEN-D153IKAQEALDFY	1085	>PTEN-D153IKAQEALNFY	391	694
>PTEN-D153ILKAQEALDF	6	>PTEN-D153ILKAQEALNF	5	1
>PTEN-D153ILKAQEALDFY	85	>PTEN-D153ILKAQEALNFY	25	60
>PTEN-D153IFLKAQEALDF	370	>PTEN-D153IFLKAQEALNF	280	90
>PTEN-D153IFLKAQEALDF	98	>PTEN-D153IFLKAQEALNF	62	36
>PTEN-D153IFLKAQEALDF	209	>PTEN-D153IFLKAQEALNF	101	108
>PTEN-D153IFLKAQEALDF	122	>PTEN-D153IFLKAQEALNF	81	41
>PTEN-D153IFLKAQEALDF	105	>PTEN-D153IFLKAQEALNF	86	19
>PTEN-D153IFLKAQEALDF	105	>PTEN-D153IFLKAQEALNF	83	22
>PTEN-D153IFLKAQEALDF	108	>PTEN-D153IFLKAQEALNF	99	9
>PTEN-D153IFLKAQEALDF	78	>PTEN-D153IFLKAQEALNF	64	14
>PTEN-D153IFLKAQEALDF	37	>PTEN-D153IFLKAQEALNF	24	13

>PTEN-D153IFLKAQEALDF	716	>PTEN-D153IFLKAQEALNF	250	466
>PTEN-D153IKFLKAQEALD	77	>PTEN-D153IKFLKAQEALN	39	38
>PTEN-D153IKFLKAQEALD	345	>PTEN-D153IKFLKAQEALN	262	83
>PTEN-D153IKFLKAQEALD	9	>PTEN-D153IKFLKAQEALN	6	3
>PTEN-D153IKFLKAQEALD	364	>PTEN-D153IKFLKAQEALN	269	95
>PTEN-D153'DFYGEVRTR	31	>PTEN-D153'YFYGEVRTR	196	165
>PTEN-D153'DFYGEVRTR	408	>PTEN-D153'YFYGEVRTR	224	184
>PTEN-D153'DFYGEVRTR	291	>PTEN-D153'YFYGEVRTR	72	219
>PTEN-D153'LDFYGEVR	8547	>PTEN-D153'LYFYGEVR	52	8495
>PTEN-D153'LDFYGEVRTR	4341	>PTEN-D153'LYFYGEVRTR	227	4114
>PTEN-D153'LDFYGEVR	13962	>PTEN-D153'LYFYGEVR	82	13880
>PTEN-D153'LDFYGEVR	975	>PTEN-D153'LYFYGEVR	228	747
>PTEN-D153'LDFYGEVR	3752	>PTEN-D153'LYFYGEVR	120	3632
>PTEN-D153'LDFYGEVRTR	3634	>PTEN-D153'LYFYGEVRTR	114	3520
>PTEN-D153'GKFLKAQEAL	21678	>PTEN-D153'GKFLKAQEAL	102	21576
>PTEN-D153'ALDFYGEV	11661	>PTEN-D153'ALYFYGEV	203	11458
>PTEN-D153'ALDFYGEV	41	>PTEN-D153'ALYFYGEV	18	23
>PTEN-D153'ALDFYGEV	17	>PTEN-D153'ALYFYGEV	7	10
>PTEN-D153'ALDFYGEVRT	4340	>PTEN-D153'ALYFYGEVRT	467	3873
>PTEN-D153'ALDFYGEV	34	>PTEN-D153'ALYFYGEV	4	30
>PTEN-D153'ALDFYGEV	128	>PTEN-D153'ALYFYGEV	81	47
>PTEN-D153'ALDFYGEV	3	>PTEN-D153'ALYFYGEV	2	1
>PTEN-D153'ALDFYGEVRT	308	>PTEN-D153'ALYFYGEVRT	52	256
>PTEN-D153'ALDFYGEV	12	>PTEN-D153'ALYFYGEV	9	3
>PTEN-D153'ALDFYGEV	9	>PTEN-D153'ALYFYGEV	6	3
>PTEN-D153'ALDFYGEV	29	>PTEN-D153'ALYFYGEV	40	11
>PTEN-D153'ALDFYGEV	3	>PTEN-D153'ALYFYGEV	2	1
>PTEN-D153'ALDFYGEVRT	416	>PTEN-D153'ALYFYGEVRT	42	374
>PTEN-D153'ALDFYGEVRT	11461	>PTEN-D153'ALYFYGEVRT	369	11092
>PTEN-D153'ALDFYGEVR	2478	>PTEN-D153'ALYFYGEVR	53	2425
>PTEN-D153'ALDFYGEVRT	2863	>PTEN-D153'ALYFYGEVRT	110	2753
>PTEN-D153'EALDFYGEV	224	>PTEN-D153'EALYFYGEV	199	25
>PTEN-D153'EALDFYGEV	188	>PTEN-D153'EALYFYGEV	3315	3127
>PTEN-D153'EALDFYGEVR	299	>PTEN-D153'EALYFYGEVR	217	82
>PTEN-D153'EALDFYGEVR	28	>PTEN-D153'EALYFYGEVR	18	10
>PTEN-D153'EALDFYGEV	11	>PTEN-D153'EALYFYGEV	13	2
>PTEN-D153'EALDFYGEV	4	>PTEN-D153'EALYFYGEV	7	3
>PTEN-D153'QEALDFYGEV	22	>PTEN-D153'QEALYFYGEV	10	12
>PTEN-D153'QEALDFYGEV	112	>PTEN-D153'QEALYFYGEV	159	47
>PTEN-D153'QEALDFYGEV	426	>PTEN-D153'QEALYFYGEV	251	175
>PTEN-D153'QEALDFYGEV	361	>PTEN-D153'QEALYFYGEV	154	207
>PTEN-D153'QEALDFYGEV	796	>PTEN-D153'QEALYFYGEV	117	679
>PTEN-D153'QEALDFYGEV	551	>PTEN-D153'QEALYFYGEV	144	407

>PTEN-D153'QEALDFYGEV	116	>PTEN-D153'QEALFYGEV	88	28
>PTEN-D153'AQEALDFYGE	422	>PTEN-D153'AQEALFYGE	270	152
>PTEN-D153'AQEALDFYGE	39	>PTEN-D153'AQEALFYGE	33	6
>PTEN-D153'AQEALDFY	178	>PTEN-D153'AQEALFY	77	101
>PTEN-D153'AQEALDFY	912	>PTEN-D153'AQEALFY	321	591
>PTEN-D153'AQEALDFY	421	>PTEN-D153'AQEALFY	244	177
>PTEN-D153'AQEALDFY	1554	>PTEN-D153'AQEALFY	368	1186
>PTEN-D153'AQEALDFY	1469	>PTEN-D153'AQEALFY	418	1051
>PTEN-D153'KAQEALDFY	1686	>PTEN-D153'KAQEALFY	153	1533
>PTEN-D153'KAQEALDFY	271	>PTEN-D153'KAQEALFY	342	71
>PTEN-D153'KAQEALDFY	5273	>PTEN-D153'KAQEALFY	174	5099
>PTEN-D153'KAQEALDFY	46	>PTEN-D153'KAQEALFY	11	35
>PTEN-D153'KAQEALDFY	708	>PTEN-D153'KAQEALFY	72	636
>PTEN-D153'KAQEALDF	309	>PTEN-D153'KAQEALFY	163	146
>PTEN-D153'KAQEALDF	30	>PTEN-D153'KAQEALFY	9	21
>PTEN-D153'KAQEALDFY	139	>PTEN-D153'KAQEALFY	36	103
>PTEN-D153'KAQEALDF	767	>PTEN-D153'KAQEALFY	122	645
>PTEN-D153'KAQEALDFY	481	>PTEN-D153'KAQEALFY	102	379
>PTEN-D153'KAQEALDF	133	>PTEN-D153'KAQEALFY	20	113
>PTEN-D153'KAQEALDFY	195	>PTEN-D153'KAQEALFY	65	130
>PTEN-D153'KAQEALDFY	1085	>PTEN-D153'KAQEALFY	139	946
>PTEN-D153'LKAQEALDFY	1840	>PTEN-D153'LKAQEALFY	152	1688
>PTEN-D153'LKAQEALDFY	1284	>PTEN-D153'LKAQEALFY	285	999
>PTEN-D153'LKAQEALDFY	1260	>PTEN-D153'LKAQEALFY	393	867
>PTEN-D153'LKAQEALD	18971	>PTEN-D153'LKAQEALFY	39	18932
>PTEN-D153'LKAQEALDF	6	>PTEN-D153'LKAQEALFY	5	1
>PTEN-D153'LKAQEALDFY	85	>PTEN-D153'LKAQEALFY	25	60
>PTEN-D153'FLKAQEALDF	370	>PTEN-D153'FLKAQEALFY	153	217
>PTEN-D153'FLKAQEALD	23613	>PTEN-D153'FLKAQEALFY	40	23573
>PTEN-D153'FLKAQEALDF	98	>PTEN-D153'FLKAQEALFY	19	79
>PTEN-D153'FLKAQEALD	31494	>PTEN-D153'FLKAQEALFY	258	31236
>PTEN-D153'FLKAQEALDF	209	>PTEN-D153'FLKAQEALFY	61	148
>PTEN-D153'FLKAQEALD	25592	>PTEN-D153'FLKAQEALFY	173	25419
>PTEN-D153'FLKAQEALDF	122	>PTEN-D153'FLKAQEALFY	32	90
>PTEN-D153'FLKAQEALD	20534	>PTEN-D153'FLKAQEALFY	105	20429
>PTEN-D153'FLKAQEALDF	105	>PTEN-D153'FLKAQEALFY	59	46
>PTEN-D153'FLKAQEALDF	105	>PTEN-D153'FLKAQEALFY	77	28
>PTEN-D153'FLKAQEALD	23841	>PTEN-D153'FLKAQEALFY	46	23795
>PTEN-D153'FLKAQEALDF	108	>PTEN-D153'FLKAQEALFY	114	6
>PTEN-D153'FLKAQEALDF	78	>PTEN-D153'FLKAQEALFY	76	2
>PTEN-D153'FLKAQEALD	27517	>PTEN-D153'FLKAQEALFY	464	27053
>PTEN-D153'FLKAQEALDF	37	>PTEN-D153'FLKAQEALFY	28	9
>PTEN-D153'FLKAQEALDF	716	>PTEN-D153'FLKAQEALFY	224	492

>PTEN-D153'FLKAQEALD	35893	>PTEN-D153'FLKAQEALY	187	35706
>PTEN-D153'FLKAQEALDF	736	>PTEN-D153'FLKAQEALYF	147	589
>PTEN-D153'KFLKAQEALD	77	>PTEN-D153'KFLKAQEALY	61	16
>PTEN-D153'KFLKAQEALD	345	>PTEN-D153'KFLKAQEALY	234	111
>PTEN-D153'KFLKAQEALD	9	>PTEN-D153'KFLKAQEALY	5	4
>PTEN-D153'KFLKAQEALD	30716	>PTEN-D153'KFLKAQEALY	148	30568
>PTEN-D153'KFLKAQEALD	1363	>PTEN-D153'KFLKAQEALY	441	922
>PTEN-D153'KFLKAQEALD	23855	>PTEN-D153'KFLKAQEALY	60	23795
>PTEN-D153'KFLKAQEALD	25881	>PTEN-D153'KFLKAQEALY	74	25807
>PTEN-D153'KFLKAQEALD	364	>PTEN-D153'KFLKAQEALY	309	55
>PTEN-D153'KFLKAQEALD	3095	>PTEN-D153'KFLKAQEALY	246	2849
>PTEN-D162'DKKGGVTIPSQ	497	>PTEN-D162'GKGGVTIPSQ	14421	13924
>PTEN-D162'RDKGGVTI	3942	>PTEN-D162'RGKGGVTI	149	3793
>PTEN-D162'RDKGGVTIPS	5081	>PTEN-D162'RGKGGVTIPS	269	4812
>PTEN-D162'RDKGGVTIPS	5053	>PTEN-D162'RGKGGVTIPS	318	4735
>PTEN-D162'RDKGGVTI	179	>PTEN-D162'RGKGGVTI	5609	5430
>PTEN-D162'RDKGGVTI	1854	>PTEN-D162'RGKGGVTI	497	1357
>PTEN-D162'RTRDKKGV	14	>PTEN-D162'RTRGKGGV	12	2
>PTEN-D162'RTRDKKGGVT	71	>PTEN-D162'RTRGKGGVT	87	16
>PTEN-D162'RTRDKKGGVTI	5	>PTEN-D162'RTRGKGGVTI	5	0
>PTEN-D162'RTRDKKGGVTI	103	>PTEN-D162'RTRGKGGVTI	120	17
>PTEN-D162'RTRDKKGGVTI	120	>PTEN-D162'RTRGKGGVTI	62	58
>PTEN-D162'RTRDKKGGV	26	>PTEN-D162'RTRGKGGV	20	6
>PTEN-D162'RTRDKKGGVTI	5	>PTEN-D162'RTRGKGGVTI	5	0
>PTEN-D162'RTRDKKGGVTI	100	>PTEN-D162'RTRGKGGVTI	123	23
>PTEN-D162'EVRTRDKK	652	>PTEN-D162'EVRTRGKK	120	532
>PTEN-D162'EVRTRDKK	81	>PTEN-D162'EVRTRGKK	191	110
>PTEN-D162'GEVTRDKKC	178	>PTEN-D162'GEVTRGKKC	151	27
>PTEN-D162'GEVTRDKKC	381	>PTEN-D162'GEVTRGKKC	351	30
>PTEN-D162'GEVTRDKKC	89	>PTEN-D162'GEVTRGKKC	67	22
>PTEN-D162'IDKGGVTIPSQ	497	>PTEN-D162'IDHGGVTIPSQ	1483	986
>PTEN-D162'IRDKGGVTI	4249	>PTEN-D162'IRHGGVTI	163	4086
>PTEN-D162'IRDKGGVTI	179	>PTEN-D162'IRHGGVTI	2435	2256
>PTEN-D162'IRTRDKKGV	14	>PTEN-D162'IRTRHKKGV	8	6
>PTEN-D162'IRTRDKKGGVT	71	>PTEN-D162'IRTRHKKGGVT	39	32
>PTEN-D162'IRTRDKKGGVTI	5	>PTEN-D162'IRTRHKKGGVTI	5	0
>PTEN-D162'IRTRDKKGGVTI	103	>PTEN-D162'IRTRHKKGGVTI	58	45
>PTEN-D162'IRTRDKKGGVTI	120	>PTEN-D162'IRTRHKKGGVTI	90	30
>PTEN-D162'IRTRDKKGGV	26	>PTEN-D162'IRTRHKKGGV	22	4
>PTEN-D162'IRTRDKKGGVTI	5	>PTEN-D162'IRTRHKKGGVTI	5	0
>PTEN-D162'IRTRDKKGGVTI	100	>PTEN-D162'IRTRHKKGGVTI	180	80
>PTEN-D162'IVRTRDKKGGV	595	>PTEN-D162'IVRTRHKKGGV	440	155
>PTEN-D162'IVRTRDKK	652	>PTEN-D162'IVRTRHKK	40	612

>PTEN-D162IEVRTRDKK	81	>PTEN-D162IEVRTRHKK	48	33
>PTEN-D162IGEVRTRDKKC	178	>PTEN-D162IGEVRTRHKKC	130	48
>PTEN-D162IGEVRTRDKKC	381	>PTEN-D162IGEVRTRHKKC	353	28
>PTEN-D162IGEVRTRDKKC	89	>PTEN-D162IGEVRTRHKKC	48	41
>PTEN-D162IFYGEVRTRDK	1470	>PTEN-D162IFYGEVRTRHK	422	1048
>PTEN-D162IDFYGEVRTRC	764	>PTEN-D162IDFYGEVRTRH	210	554
>PTEN-D162' DKKKGV TIPSQ	497	>PTEN-D162' VKKGV TIPSQ	7006	6509
>PTEN-D162' RDKKGV TI	15692	>PTEN-D162' RVKKGVTI	489	15203
>PTEN-D162' RDKKGV TI	3942	>PTEN-D162' RVKKGVTI	10	3932
>PTEN-D162' RDKKGV TIPS	5081	>PTEN-D162' RVKKGVTIPS	17	5064
>PTEN-D162' RDKKGV TIPS	5053	>PTEN-D162' RVKKGVTIPS	21	5032
>PTEN-D162' RDKKGV TI	6434	>PTEN-D162' RVKKGVTI	58	6376
>PTEN-D162' RDKKGV TI	179	>PTEN-D162' RVKKGVTI	5768	5589
>PTEN-D162' RDKKGV TI	1854	>PTEN-D162' RVKKGVTI	448	1406
>PTEN-D162' RTRDKKGV	14	>PTEN-D162' RTRVKKGV	10	4
>PTEN-D162' RTRDKKGV T	71	>PTEN-D162' RTRVKKGV T	50	21
>PTEN-D162' RTRDKKGV TI	5	>PTEN-D162' RTRVKKGV TI	5	0
>PTEN-D162' RTRDKKGV TI	103	>PTEN-D162' RTRVKKGV TI	74	29
>PTEN-D162' RTRDKKGV TI	120	>PTEN-D162' RTRVKKGV TI	171	51
>PTEN-D162' RTRDKKGV	26	>PTEN-D162' RTRVKKGV	35	9
>PTEN-D162' RTRDKKGV TI	5	>PTEN-D162' RTRVKKGV TI	5	0
>PTEN-D162' RTRDKKGV TI	100	>PTEN-D162' RTRVKKGV TI	86	14
>PTEN-D162' VRTRDKKGV T	595	>PTEN-D162' VRTRVKKGV T	363	232
>PTEN-D162' EVRTRDKK	652	>PTEN-D162' EVRTRVKK	73	579
>PTEN-D162' EVRTRDKK	81	>PTEN-D162' EVRTRVKK	64	17
>PTEN-D162' GEVRTRDKKC	178	>PTEN-D162' GEVRTRVKKC	136	42
>PTEN-D162' GEVRTRDKKC	381	>PTEN-D162' GEVRTRVKKC	280	101
>PTEN-D162' GEVRTRDKKC	89	>PTEN-D162' GEVRTRVKKC	48	41
>PTEN-D162' FYGEVRTRD	10311	>PTEN-D162' FYGEVRTRV	32	10279
>PTEN-D162' FYGEVRTRD	28428	>PTEN-D162' FYGEVRTRV	247	28181
>PTEN-D162' FYGEVRTRD	34455	>PTEN-D162' FYGEVRTRV	24	34431
>PTEN-D162' FYGEVRTRD	3895	>PTEN-D162' FYGEVRTRV	395	3500
>PTEN-D19N DGFDLDLTY	122	>PTEN-D19N NGFDLDLTY	59	63
>PTEN-D19N DGFDLDLTY\	160	>PTEN-D19N NGFDLDLTY\	74	86
>PTEN-D19N DGFDLDLTY\	458	>PTEN-D19N NGFDLDLTY\	321	137
>PTEN-D19N DGFDLDLTY	4834	>PTEN-D19N NGFDLDLTY	447	4387
>PTEN-D19N DGFDLDLTY	300	>PTEN-D19N NGFDLDLTY	957	657
>PTEN-D19N DGFDLDLTY\	299	>PTEN-D19N NGFDLDLTY\	925	626
>PTEN-D19N DGFDLDLTY	37	>PTEN-D19N NGFDLDLTY	30	7
>PTEN-D19N DGFDLDLTY\	76	>PTEN-D19N NGFDLDLTY\	62	14
>PTEN-D19N DGFDLDLTY\	3729	>PTEN-D19N NGFDLDLTY\	436	3293
>PTEN-D19N QEDGFDLDT	845	>PTEN-D19N QENGFDLDT	245	600
>PTEN-D19N QEDGFDLDT	44	>PTEN-D19N QENGFDLDT	19	25

>PTEN-D19N QEDGFDLDLT	1053	>PTEN-D19N QENGFDLDLT	477	576
>PTEN-D19N QEDGFDLDL	15	>PTEN-D19N QENGFDLDL	27	12
>PTEN-D19N QEDGFDLDL	803	>PTEN-D19N QENGFDLDL	107	696
>PTEN-D19N QEDGFDLDL	588	>PTEN-D19N QENGFDLDL	128	460
>PTEN-D19N QEDGFDLDLT	114	>PTEN-D19N QENGFDLDLT	34	80
>PTEN-D19N YQEDGFDLDI	209	>PTEN-D19N YQENGFDLDI	252	43
>PTEN-D19N YQEDGFDL	26	>PTEN-D19N YQENGFDL	40	14
>PTEN-D19N YQEDGFDLDI	297	>PTEN-D19N YQENGFDLDI	458	161
>PTEN-D19N YQEDGFDLDI	27	>PTEN-D19N YQENGFDLDI	50	23
>PTEN-D19N YQEDGFDL	68	>PTEN-D19N YQENGFDL	90	22
>PTEN-D19N YQEDGFDLDI	137	>PTEN-D19N YQENGFDLDI	201	64
>PTEN-D19N YQEDGFDL	269	>PTEN-D19N YQENGFDL	286	17
>PTEN-D19N RYQEDGFDL	467	>PTEN-D19N RYQENGFDL	85	382
>PTEN-D19N RYQEDGFDLI	586	>PTEN-D19N RYQENGFDLI	185	401
>PTEN-D19N RYQEDGFDL	320	>PTEN-D19N RYQENGFDL	137	183
>PTEN-D19N RYQEDGFDLI	569	>PTEN-D19N RYQENGFDLI	317	252
>PTEN-D19N RYQEDGFDL	6	>PTEN-D19N RYQENGFDL	5	1
>PTEN-D19N RYQEDGFDLI	607	>PTEN-D19N RYQENGFDLI	392	215
>PTEN-D19N RYQEDGFDLI	7	>PTEN-D19N RYQENGFDLI	6	1
>PTEN-D19N RRYQEDGF	41	>PTEN-D19N RRYQENGF	11	30
>PTEN-D19N RRYQEDGFDI	223	>PTEN-D19N RRYQENGFDI	127	96
>PTEN-D19N RRYQEDGF	61	>PTEN-D19N RRYQENGF	49	12
>PTEN-D19N RRYQEDGFDI	11	>PTEN-D19N RRYQENGFDI	8	3
>PTEN-D19N RRYQEDGF	189	>PTEN-D19N RRYQENGF	81	108
>PTEN-D19N RRYQEDGFD	951	>PTEN-D19N RRYQENGF	433	518
>PTEN-D19N RRYQEDGFDI	18	>PTEN-D19N RRYQENGFDI	13	5
>PTEN-D19N RRYQEDGFDI	300	>PTEN-D19N RRYQENGFDI	191	109
>PTEN-D19N RRYQEDGF	452	>PTEN-D19N RRYQENGF	133	319
>PTEN-D19N RRYQEDGFDI	21	>PTEN-D19N RRYQENGFDI	14	7
>PTEN-D19N RRYQEDGFDI	559	>PTEN-D19N RRYQENGFDI	350	209
>PTEN-D19N RRYQEDGF	229	>PTEN-D19N RRYQENGF	814	585
>PTEN-D19N KRRYQEDGF	93	>PTEN-D19N KRRYQENGF	16	77
>PTEN-D19N KRRYQEDGFI	327	>PTEN-D19N KRRYQENGF	181	146
>PTEN-D19N KRRYQEDG	266	>PTEN-D19N KRRYQENG	290	24
>PTEN-D19N KRRYQEDGF	233	>PTEN-D19N KRRYQENGF	156	77
>PTEN-D19N KRRYQEDGFI	203	>PTEN-D19N KRRYQENGF	303	100
>PTEN-D19N KRRYQEDGFI	45	>PTEN-D19N KRRYQENGF	38	7
>PTEN-D19N KRRYQEDGF	1081	>PTEN-D19N KRRYQENGF	405	676
>PTEN-D19N KRRYQEDGFI	515	>PTEN-D19N KRRYQENGF	306	209
>PTEN-D19N NKRRYQEDG	55	>PTEN-D19N NKRRYQENG	19	36
>PTEN-D19N RNKRRYQEDG	317	>PTEN-D19N RNKRRYQEN	104	213
>PTEN-D24E- DLTYIYPNI	2932	>PTEN-D24E- ELTYIYPNI	486	2446
>PTEN-D24E- DLTYIYPNI	1022	>PTEN-D24E- ELTYIYPNI	421	601

>PTEN-D24E-DLTYIYPNI	1506	>PTEN-D24E-ELTYIYPNI	472	1034
>PTEN-D24E-DLTYIYPNI	966	>PTEN-D24E-ELTYIYPNI	169	797
>PTEN-D24E-DLTYIYPNIIA	2127	>PTEN-D24E-ELTYIYPNIIA	437	1690
>PTEN-D24E-DLTYIYPNI	384	>PTEN-D24E-ELTYIYPNI	61	323
>PTEN-D24E-LDLTYIYPNI	87	>PTEN-D24E-LELTYIYPNI	7	80
>PTEN-D24E-LDLTYIYPNII	90	>PTEN-D24E-LELTYIYPNII	8	82
>PTEN-D24E-LDLTYIYPN	7691	>PTEN-D24E-LELTYIYPN	42	7649
>PTEN-D24E-LDLTYIYPNII	20213	>PTEN-D24E-LELTYIYPNII	210	20003
>PTEN-D24E-LDLTYIYPNII	2340	>PTEN-D24E-LELTYIYPNII	144	2196
>PTEN-D24E-LDLTYIYPN	9427	>PTEN-D24E-LELTYIYPN	336	9091
>PTEN-D24E-LDLTYIYPNI	482	>PTEN-D24E-LELTYIYPNI	12	470
>PTEN-D24E-LDLTYIYPNII	52	>PTEN-D24E-LELTYIYPNII	5	47
>PTEN-D24E-LDLTYIYPNI	72	>PTEN-D24E-LELTYIYPNI	2219	2147
>PTEN-D24E-LDLTYIYPNII	27	>PTEN-D24E-LELTYIYPNII	586	559
>PTEN-D24E-RRYQEDGFDI	300	>PTEN-D24E-RRYQEDGFDI	268	32
>PTEN-D24E-DLDLTYIY	101	>PTEN-D24E-DLELTYIY	1758	1657
>PTEN-D24E-DLDLTYIYPNI	294	>PTEN-D24E-DLELTYIYPNI	7112	6818
>PTEN-D24E-DLDLTYIYPNI	480	>PTEN-D24E-DLELTYIYPNI	10276	9796
>PTEN-D24E-DLDLTYIYPNI	168	>PTEN-D24E-DLELTYIYPNI	1691	1523
>PTEN-D24E-DLDLTYIY	217	>PTEN-D24E-DLELTYIY	282	65
>PTEN-D24E-FDLDLTYI	142	>PTEN-D24E-FDLELTYI	126	16
>PTEN-D24E-FDLDLTYIY	21	>PTEN-D24E-FDLELTYIY	41	20
>PTEN-D24E-FDLDLTYIY	725	>PTEN-D24E-FDLELTYIY	460	265
>PTEN-D24E-FDLDLTYIY	147	>PTEN-D24E-FDLELTYIY	61	86
>PTEN-D24E-FDLDLTYIY	123	>PTEN-D24E-FDLELTYIY	93	30
>PTEN-D24E-FDLDLTYI	510	>PTEN-D24E-FDLELTYI	273	237
>PTEN-D24E-FDLDLTYI	22	>PTEN-D24E-FDLELTYI	13	9
>PTEN-D24E-FDLDLTYI	53	>PTEN-D24E-FDLELTYI	47	6
>PTEN-D24E-GFDLTLTY	62	>PTEN-D24E-GFDLELTY	107	45
>PTEN-D24E-GFDLTLTYIY	64	>PTEN-D24E-GFDLELTYIY	52	12
>PTEN-D24E-GFDLTLTYIY	369	>PTEN-D24E-GFDLELTYIY	457	88
>PTEN-D24E-GFDLTLTY	126	>PTEN-D24E-GFDLELTY	92	34
>PTEN-D24E-DGFDLTLTY	122	>PTEN-D24E-DGFDLELTY	403	281
>PTEN-D24E-DGFDLTLTYIY	160	>PTEN-D24E-DGFDLELTYIY	315	155
>PTEN-D24E-DGFDLTLTYIY	458	>PTEN-D24E-DGFDLELTYIY	531	73
>PTEN-D24E-DGFDLTLTY	300	>PTEN-D24E-DGFDLELTY	720	420
>PTEN-D24E-DGFDLTLTYIY	299	>PTEN-D24E-DGFDLELTYIY	399	100
>PTEN-D24E-DGFDLTLTY	37	>PTEN-D24E-DGFDLELTY	81	44
>PTEN-D24E-DGFDLTLTYIY	76	>PTEN-D24E-DGFDLELTYIY	112	36
>PTEN-D24E-QEDGFDLTL	44	>PTEN-D24E-QEDGFDELT	50	6
>PTEN-D24E-QEDGFDLTL	15	>PTEN-D24E-QEDGFDELEL	10	5
>PTEN-D24E-QEDGFDLTL	803	>PTEN-D24E-QEDGFDELEL	243	560
>PTEN-D24E-QEDGFDLTL	114	>PTEN-D24E-QEDGFDELELT	181	67



>PTEN-D24E-YQEDGFDLDI	750	>PTEN-D24E-YQEDGFDLEL	202	548
>PTEN-D24E-YQEDGFDLDI	209	>PTEN-D24E-YQEDGFDLEL	70	139
>PTEN-D24E-YQEDGFDLD	731	>PTEN-D24E-YQEDGFDLE	278	453
>PTEN-D24E-YQEDGFDLDI	297	>PTEN-D24E-YQEDGFDLEL	103	194
>PTEN-D24E-YQEDGFDLDI	27	>PTEN-D24E-YQEDGFDLEL	26	1
>PTEN-D24E-YQEDGFDLDI	1773	>PTEN-D24E-YQEDGFDLEL	496	1277
>PTEN-D24E-YQEDGFDLDI	137	>PTEN-D24E-YQEDGFDLEL	50	87
>PTEN-D24E-RYQEDGFDLI	586	>PTEN-D24E-RYQEDGFDLE	343	243
>PTEN-D24E-RYQEDGFDLI	569	>PTEN-D24E-RYQEDGFDLE	467	102
>PTEN-D24E-RYQEDGFDLI	7	>PTEN-D24E-RYQEDGFDLE	5	2
>PTEN-D24G DLTYIYPNI	12869	>PTEN-D24G GLTYIYPNI	115	12754
>PTEN-D24G DLTYIYPNI	2932	>PTEN-D24G GLTYIYPNI	30	2902
>PTEN-D24G DLTYIYPNII	1420	>PTEN-D24G GLTYIYPNII	192	1228
>PTEN-D24G DLTYIYPNIIA	9801	>PTEN-D24G GLTYIYPNIIA	484	9317
>PTEN-D24G DLTYIYPNI	4331	>PTEN-D24G GLTYIYPNI	71	4260
>PTEN-D24G DLTYIYPNII	1083	>PTEN-D24G GLTYIYPNII	225	858
>PTEN-D24G DLTYIYPNI	5228	>PTEN-D24G GLTYIYPNI	335	4893
>PTEN-D24G DLTYIYPNI	6943	>PTEN-D24G GLTYIYPNI	194	6749
>PTEN-D24G DLTYIYPNII	7988	>PTEN-D24G GLTYIYPNII	181	7807
>PTEN-D24G DLTYIYPNI	1022	>PTEN-D24G GLTYIYPNI	34	988
>PTEN-D24G DLTYIYPNII	5030	>PTEN-D24G GLTYIYPNII	304	4726
>PTEN-D24G DLTYIYPNIIA	6534	>PTEN-D24G GLTYIYPNIIA	483	6051
>PTEN-D24G DLTYIYPNI	1506	>PTEN-D24G GLTYIYPNI	60	1446
>PTEN-D24G DLTYIYPNII	4394	>PTEN-D24G GLTYIYPNII	314	4080
>PTEN-D24G DLTYIYPNIIA	4488	>PTEN-D24G GLTYIYPNIIA	287	4201
>PTEN-D24G DLTYIYPNI	384	>PTEN-D24G GLTYIYPNI	10239	9855
>PTEN-D24G LDLTYPNI	87	>PTEN-D24G LGLTYIYPNI	1963	1876
>PTEN-D24G LDLTYPNII	90	>PTEN-D24G LGLTYIYPNII	1422	1332
>PTEN-D24G LDLTYPNI	482	>PTEN-D24G LGLTYIYPNI	16893	16411
>PTEN-D24G LDLTYPNII	52	>PTEN-D24G LGLTYIYPNII	8408	8356
>PTEN-D24G LDLTYPNI	72	>PTEN-D24G LGLTYIYPNI	6264	6192
>PTEN-D24G LDLTYPNII	27	>PTEN-D24G LGLTYIYPNII	2223	2196
>PTEN-D24G RRYQEDGFDI	300	>PTEN-D24G RRYQEDGFDI	259	41
>PTEN-D24G RRYQEDGFDI	559	>PTEN-D24G RRYQEDGFDI	271	288
>PTEN-D24G DLDLTYIY	101	>PTEN-D24G DLGLTYIY	9772	9671
>PTEN-D24G DLDLTYIYPNI	294	>PTEN-D24G DLGLTYIYPNI	872	578
>PTEN-D24G DLDLTYIYPNI	480	>PTEN-D24G DLGLTYIYPNI	783	303
>PTEN-D24G DLDLTYIY	727	>PTEN-D24G DLGLTYIY	221	506
>PTEN-D24G DLDLTYIYPNI	168	>PTEN-D24G DLGLTYIYPNI	649	481
>PTEN-D24G DLDLTYIY	217	>PTEN-D24G DLGLTYIY	835	618
>PTEN-D24G FDLDLTYI	142	>PTEN-D24G FDLGLTYI	256	114
>PTEN-D24G FDLDLTYIY	21	>PTEN-D24G FDLGLTYIY	21	0
>PTEN-D24G FDLDLTYIY	147	>PTEN-D24G FDLGLTYIY	128	19

>PTEN-D24G FDLDLTYIY	123	>PTEN-D24G FDLGLTYIY	165	42
>PTEN-D24G FDLDLTYI	510	>PTEN-D24G FDLGLTYI	397	113
>PTEN-D24G FDLDLTYI	22	>PTEN-D24G FDLGLTYI	27	5
>PTEN-D24G FDLDLTYI	53	>PTEN-D24G FDLGLTYI	100	47
>PTEN-D24G GFDLDLTY	62	>PTEN-D24G GFDLGLTY	38	24
>PTEN-D24G GFDLDLTYIY	64	>PTEN-D24G GFDLGLTYIY	74	10
>PTEN-D24G GFDLDLTYIY	369	>PTEN-D24G GFDLGLTYIY	211	158
>PTEN-D24G GFDLDLTY	126	>PTEN-D24G GFDLGLTY	138	12
>PTEN-D24G DGFDLDLTY	122	>PTEN-D24G DGFDLGLTY	79	43
>PTEN-D24G DGFDLDLTYI\	160	>PTEN-D24G DGFDLGLTYI\	128	32
>PTEN-D24G DGFDLDLTYI\	458	>PTEN-D24G DGFDLGLTYI\	504	46
>PTEN-D24G DGFDLDLTY	300	>PTEN-D24G DGFDLGLTY	155	145
>PTEN-D24G DGFDLDLTYI\	299	>PTEN-D24G DGFDLGLTYI\	217	82
>PTEN-D24G DGFDLDLTY	37	>PTEN-D24G DGFDLGLTY	100	63
>PTEN-D24G DGFDLDLTYI\	76	>PTEN-D24G DGFDLGLTYI\	139	63
>PTEN-D24G DGFDLDLTY	1832	>PTEN-D24G DGFDLGLTY	406	1426
>PTEN-D24G QEDGFDLDT	44	>PTEN-D24G QEDGFDLGLT	30	14
>PTEN-D24G QEDGFDLDL	15	>PTEN-D24G QEDGFDLGL	8	7
>PTEN-D24G QEDGFDLDT	114	>PTEN-D24G QEDGFDLGLT	111	3
>PTEN-D24G QEDGFDLDT	825	>PTEN-D24G QEDGFDLGLT	427	398
>PTEN-D24G YQEDGFDLDI	750	>PTEN-D24G YQEDGFDLGI	219	531
>PTEN-D24G YQEDGFDLDI	209	>PTEN-D24G YQEDGFDLGI	70	139
>PTEN-D24G YQEDGFDL	731	>PTEN-D24G YQEDGFDLG	88	643
>PTEN-D24G YQEDGFDLDI	297	>PTEN-D24G YQEDGFDLGI	89	208
>PTEN-D24G YQEDGFDLDI	27	>PTEN-D24G YQEDGFDLGI	50	23
>PTEN-D24G YQEDGFDLDI	137	>PTEN-D24G YQEDGFDLGI	79	58
>PTEN-D24G RYQEDGFDLI	7	>PTEN-D24G RYQEDGFDLG	7	0
>PTEN-D24N DLTYIYPNI	12869	>PTEN-D24N NLTYIYPNI	349	12520
>PTEN-D24N DLTYIYPNI	2932	>PTEN-D24N NLTYIYPNI	50	2882
>PTEN-D24N DLTYIYPNII	1420	>PTEN-D24N NLTYIYPNII	341	1079
>PTEN-D24N DLTYIYPNI	4331	>PTEN-D24N NLTYIYPNI	130	4201
>PTEN-D24N DLTYIYPNII	1083	>PTEN-D24N NLTYIYPNII	218	865
>PTEN-D24N DLTYIYPNI	1022	>PTEN-D24N NLTYIYPNI	335	687
>PTEN-D24N DLTYIYPNI	1506	>PTEN-D24N NLTYIYPNI	379	1127
>PTEN-D24N DLTYIYPNI	384	>PTEN-D24N NLTYIYPNI	356	28
>PTEN-D24N LDLYIYPNI	87	>PTEN-D24N LNLYIYPNI	466	379
>PTEN-D24N LDLYIYPNII	90	>PTEN-D24N LNLYIYPNII	343	253
>PTEN-D24N LDLYIYPNI	482	>PTEN-D24N LNLYIYPNI	8934	8452
>PTEN-D24N LDLYIYPNII	52	>PTEN-D24N LNLYIYPNII	1313	1261
>PTEN-D24N LDLYIYPNI	72	>PTEN-D24N LNLYIYPNI	2515	2443
>PTEN-D24N LDLYIYPNII	27	>PTEN-D24N LNLYIYPNII	721	694
>PTEN-D24N RRYQEDGFDI	1099	>PTEN-D24N RRYQEDGFDI	449	650
>PTEN-D24N RRYQEDGFDI	300	>PTEN-D24N RRYQEDGFDI	117	183

>PTEN-D24N RRYQEDGFDI	559	>PTEN-D24N RRYQEDGFDI	194	365
>PTEN-D24N DLDLTYIY	101	>PTEN-D24N DLNLTYIY	6118	6017
>PTEN-D24N DLDLTYIYPNI	294	>PTEN-D24N DLNLTYIYPNI	812	518
>PTEN-D24N DLDLTYIYPNI	480	>PTEN-D24N DLNLTYIYPNI	601	121
>PTEN-D24N DLDLTYIY	727	>PTEN-D24N DLNLTYIY	223	504
>PTEN-D24N DLDLTYIY	1597	>PTEN-D24N DLNLTYIY	428	1169
>PTEN-D24N DLDLTYIYPNI	168	>PTEN-D24N DLNLTYIYPNI	350	182
>PTEN-D24N DLDLTYIY	217	>PTEN-D24N DLNLTYIY	394	177
>PTEN-D24N FDLDLTYI	142	>PTEN-D24N FDLNLTYI	363	221
>PTEN-D24N FDLDLTYIY	21	>PTEN-D24N FDLNLTYIY	31	10
>PTEN-D24N FDLDLTYIY	725	>PTEN-D24N FDLNLTYIY	434	291
>PTEN-D24N FDLDLTYIY	147	>PTEN-D24N FDLNLTYIY	268	121
>PTEN-D24N FDLDLTYIY	123	>PTEN-D24N FDLNLTYIY	187	64
>PTEN-D24N FDLDLTYI	510	>PTEN-D24N FDLNLTYI	198	312
>PTEN-D24N FDLDLTYI	22	>PTEN-D24N FDLNLTYI	13	9
>PTEN-D24N FDLDLTYI	53	>PTEN-D24N FDLNLTYI	66	13
>PTEN-D24N GFDLTYIY	565	>PTEN-D24N GFDLNLTYIY	444	121
>PTEN-D24N GFDLTY	62	>PTEN-D24N GFDLNLTY	53	9
>PTEN-D24N GFDLTYIY	64	>PTEN-D24N GFDLNLTYIY	38	26
>PTEN-D24N GFDLTYIY	369	>PTEN-D24N GFDLNLTYIY	315	54
>PTEN-D24N GFDLTY	126	>PTEN-D24N GFDLNLTY	104	22
>PTEN-D24N DGFDLTY	122	>PTEN-D24N DGFDLNLTY	177	55
>PTEN-D24N DGFDLTYIY	160	>PTEN-D24N DGFDLNLTYIY	204	44
>PTEN-D24N DGFDLTYIY	458	>PTEN-D24N DGFDLNLTYIY	356	102
>PTEN-D24N DGFDLTY	300	>PTEN-D24N DGFDLNLTY	285	15
>PTEN-D24N DGFDLTYIY	299	>PTEN-D24N DGFDLNLTYIY	326	27
>PTEN-D24N DGFDLTY	37	>PTEN-D24N DGFDLNLTY	79	42
>PTEN-D24N DGFDLTYIY	76	>PTEN-D24N DGFDLNLTYIY	123	47
>PTEN-D24N QEDGFDLTL	44	>PTEN-D24N QEDGFDLNL	39	5
>PTEN-D24N QEDGFDLTL	15	>PTEN-D24N QEDGFDLNL	12	3
>PTEN-D24N QEDGFDLTL	803	>PTEN-D24N QEDGFDLNL	403	400
>PTEN-D24N QEDGFDLTL	114	>PTEN-D24N QEDGFDLNL	117	3
>PTEN-D24N YQEDGFDLNI	750	>PTEN-D24N YQEDGFDLNI	301	449
>PTEN-D24N YQEDGFDLNI	209	>PTEN-D24N YQEDGFDLNI	71	138
>PTEN-D24N YQEDGFDLNI	731	>PTEN-D24N YQEDGFDLNI	332	399
>PTEN-D24N YQEDGFDLNI	297	>PTEN-D24N YQEDGFDLNI	106	191
>PTEN-D24N YQEDGFDLNI	27	>PTEN-D24N YQEDGFDLNI	27	0
>PTEN-D24N YQEDGFDLNI	137	>PTEN-D24N YQEDGFDLNI	111	26
>PTEN-D24N RYQEDGFDLI	586	>PTEN-D24N RYQEDGFDLI	274	312
>PTEN-D24N RYQEDGFDLI	569	>PTEN-D24N RYQEDGFDLI	475	94
>PTEN-D24N RYQEDGFDLI	607	>PTEN-D24N RYQEDGFDLI	450	157
>PTEN-D24N RYQEDGFDLI	7	>PTEN-D24N RYQEDGFDLI	6	1
>PTEN-D24Y-DLTYIYPNI	12869	>PTEN-D24Y-YLTYIYPNI	12	12857

>PTEN-D24Y-DLTYIYPNII	8793	>PTEN-D24Y-YLTYIYPNII	157	8636
>PTEN-D24Y-DLTYIYPNIIIA	17968	>PTEN-D24Y-YLTYIYPNIIIA	57	17911
>PTEN-D24Y-DLTYIYPN	18309	>PTEN-D24Y-YLTYIYPN	347	17962
>PTEN-D24Y-DLTYIYPNI	2932	>PTEN-D24Y-YLTYIYPNI	5	2927
>PTEN-D24Y-DLTYIYPNII	1420	>PTEN-D24Y-YLTYIYPNII	42	1378
>PTEN-D24Y-DLTYIYPNIIIA	9801	>PTEN-D24Y-YLTYIYPNIIIA	45	9756
>PTEN-D24Y-DLTYIYPNI	4331	>PTEN-D24Y-YLTYIYPNI	10	4321
>PTEN-D24Y-DLTYIYPNII	1083	>PTEN-D24Y-YLTYIYPNII	34	1049
>PTEN-D24Y-DLTYIYPNIIIA	8433	>PTEN-D24Y-YLTYIYPNIIIA	61	8372
>PTEN-D24Y-DLTYIYPNI	10582	>PTEN-D24Y-YLTYIYPNI	52	10530
>PTEN-D24Y-DLTYIYPNII	12435	>PTEN-D24Y-YLTYIYPNII	386	12049
>PTEN-D24Y-DLTYIYPNIIIA	18864	>PTEN-D24Y-YLTYIYPNIIIA	299	18565
>PTEN-D24Y-DLTYIYPNI	5228	>PTEN-D24Y-YLTYIYPNI	15	5213
>PTEN-D24Y-DLTYIYPNII	8362	>PTEN-D24Y-YLTYIYPNII	50	8312
>PTEN-D24Y-DLTYIYPNIIIA	14712	>PTEN-D24Y-YLTYIYPNIIIA	235	14477
>PTEN-D24Y-DLTYIYPNI	6943	>PTEN-D24Y-YLTYIYPNI	21	6922
>PTEN-D24Y-DLTYIYPNII	7988	>PTEN-D24Y-YLTYIYPNII	18	7970
>PTEN-D24Y-DLTYIYPNIIIA	12237	>PTEN-D24Y-YLTYIYPNIIIA	134	12103
>PTEN-D24Y-DLTYIYPNI	1022	>PTEN-D24Y-YLTYIYPNI	8	1014
>PTEN-D24Y-DLTYIYPNII	5030	>PTEN-D24Y-YLTYIYPNII	39	4991
>PTEN-D24Y-DLTYIYPNIIIA	6534	>PTEN-D24Y-YLTYIYPNIIIA	73	6461
>PTEN-D24Y-DLTYIYPNI	2350	>PTEN-D24Y-YLTYIYPNI	28	2322
>PTEN-D24Y-DLTYIYPNII	7935	>PTEN-D24Y-YLTYIYPNII	199	7736
>PTEN-D24Y-DLTYIYPNI	1506	>PTEN-D24Y-YLTYIYPNI	4	1502
>PTEN-D24Y-DLTYIYPNII	4394	>PTEN-D24Y-YLTYIYPNII	14	4380
>PTEN-D24Y-DLTYIYPNIIIA	4488	>PTEN-D24Y-YLTYIYPNIIIA	14	4474
>PTEN-D24Y-DLTYIYPNI	384	>PTEN-D24Y-YLTYIYPNI	231	153
>PTEN-D24Y-DLTYIYPNII	6785	>PTEN-D24Y-YLTYIYPNII	468	6317
>PTEN-D24Y-LDLTYIYPNI	87	>PTEN-D24Y-LYLTYPNI	691	604
>PTEN-D24Y-LDLTYIYPNII	90	>PTEN-D24Y-LYLTYPNII	622	532
>PTEN-D24Y-LDLTYIYPNI	24044	>PTEN-D24Y-LYLTYPNI	56	23988
>PTEN-D24Y-LDLTYIYPNII	18274	>PTEN-D24Y-LYLTYPNII	58	18216
>PTEN-D24Y-LDLTYIYPNI	33069	>PTEN-D24Y-LYLTYPNI	471	32598
>PTEN-D24Y-LDLTYIYPNII	16614	>PTEN-D24Y-LYLTYPNII	80	16534
>PTEN-D24Y-LDLTYIYPNI	20266	>PTEN-D24Y-LYLTYPNI	6	20260
>PTEN-D24Y-LDLTYIYPNII	23034	>PTEN-D24Y-LYLTYPNII	14	23020
>PTEN-D24Y-LDLTYIYPNI	482	>PTEN-D24Y-LYLTYPNI	13115	12633
>PTEN-D24Y-LDLTYIYPNII	52	>PTEN-D24Y-LYLTYPNII	6884	6832
>PTEN-D24Y-LDLTYIYPN	18016	>PTEN-D24Y-LYLTYPN	404	17612
>PTEN-D24Y-LDLTYIYPNI	26348	>PTEN-D24Y-LYLTYPNI	224	26124
>PTEN-D24Y-LDLTYIYPNII	33128	>PTEN-D24Y-LYLTYPNII	471	32657
>PTEN-D24Y-LDLTYIYPNI	72	>PTEN-D24Y-LYLTYPNI	12558	12486
>PTEN-D24Y-LDLTYIYPNII	27	>PTEN-D24Y-LYLTYPNII	6795	6768

>PTEN-D24Y- RRYQEDGFDI	28722	>PTEN-D24Y- RRYQEDGFDI	260	28462
>PTEN-D24Y- RRYQEDGFDI	25491	>PTEN-D24Y- RRYQEDGFDI	348	25143
>PTEN-D24Y- RRYQEDGFDI	12845	>PTEN-D24Y- RRYQEDGFDI	154	12691
>PTEN-D24Y- RRYQEDGFDI	1099	>PTEN-D24Y- RRYQEDGFDI	59	1040
>PTEN-D24Y- RRYQEDGFDI	300	>PTEN-D24Y- RRYQEDGFDI	96	204
>PTEN-D24Y- RRYQEDGFDI	559	>PTEN-D24Y- RRYQEDGFDI	131	428
>PTEN-D24Y- RRYQEDGFDI	10459	>PTEN-D24Y- RRYQEDGFDI	147	10312
>PTEN-D24Y- DLDLTYIY	101	>PTEN-D24Y- DLYLTYIY	12736	12635
>PTEN-D24Y- DLDLTYIYPNI	932	>PTEN-D24Y- DLYLTYIYPNI	157	775
>PTEN-D24Y- DLDLTYIYPNI	294	>PTEN-D24Y- DLYLTYIYPNI	93	201
>PTEN-D24Y- DLDLTYIYPNI	480	>PTEN-D24Y- DLYLTYIYPNI	732	252
>PTEN-D24Y- DLDLTYIYPNI	2398	>PTEN-D24Y- DLYLTYIYPNI	359	2039
>PTEN-D24Y- DLDLTYIY	727	>PTEN-D24Y- DLYLTYIY	53	674
>PTEN-D24Y- DLDLTYIYPNI	168	>PTEN-D24Y- DLYLTYIYPNI	59	109
>PTEN-D24Y- DLDLTYIY	4775	>PTEN-D24Y- DLYLTYIY	242	4533
>PTEN-D24Y- DLDLTYIY	217	>PTEN-D24Y- DLYLTYIY	833	616
>PTEN-D24Y- FDLDLTYI	142	>PTEN-D24Y- FDLTYI	428	286
>PTEN-D24Y- FDLDLTYIY	21	>PTEN-D24Y- FDLTYIY	20	1
>PTEN-D24Y- FDLDLTYIY	725	>PTEN-D24Y- FDLTYIY	357	368
>PTEN-D24Y- FDLDLTYIY	1471	>PTEN-D24Y- FDLTYIY	353	1118
>PTEN-D24Y- FDLDLTYIY	147	>PTEN-D24Y- FDLTYIY	305	158
>PTEN-D24Y- FDLDLTYIY	123	>PTEN-D24Y- FDLTYIY	173	50
>PTEN-D24Y- FDLDLTYI	510	>PTEN-D24Y- FDLTYI	346	164
>PTEN-D24Y- FDLDLTYI	22	>PTEN-D24Y- FDLTYI	9	13
>PTEN-D24Y- FDLDLTYI	53	>PTEN-D24Y- FDLTYI	91	38
>PTEN-D24Y- GFDLTY	62	>PTEN-D24Y- GFDLYTY	42	20
>PTEN-D24Y- GFDLTYIY	64	>PTEN-D24Y- GFDLYTYIY	18	46
>PTEN-D24Y- GFDLTYIY	369	>PTEN-D24Y- GFDLYTYIY	157	212
>PTEN-D24Y- GFDLTY	126	>PTEN-D24Y- GFDLYTY	98	28
>PTEN-D24Y- DGFDLTY	122	>PTEN-D24Y- DGFDLYTY	69	53
>PTEN-D24Y- DGFDLTYIY	160	>PTEN-D24Y- DGFDLYTYIY	120	40
>PTEN-D24Y- DGFDLTYIY	458	>PTEN-D24Y- DGFDLYTYIY	481	23
>PTEN-D24Y- DGFDLTY	300	>PTEN-D24Y- DGFDLYTY	113	187
>PTEN-D24Y- DGFDLTYIY	299	>PTEN-D24Y- DGFDLYTYIY	211	88
>PTEN-D24Y- DGFDLTY	37	>PTEN-D24Y- DGFDLYTY	87	50
>PTEN-D24Y- DGFDLTYIY	76	>PTEN-D24Y- DGFDLYTYIY	130	54
>PTEN-D24Y- QEDGFDL	12753	>PTEN-D24Y- QEDGFDL	305	12448
>PTEN-D24Y- QEDGFDL	44	>PTEN-D24Y- QEDGFDL	28	16
>PTEN-D24Y- QEDGFDL	15	>PTEN-D24Y- QEDGFDL	8	7
>PTEN-D24Y- QEDGFDL	5129	>PTEN-D24Y- QEDGFDL	196	4933
>PTEN-D24Y- QEDGFDL	588	>PTEN-D24Y- QEDGFDL	315	273
>PTEN-D24Y- QEDGFDL	114	>PTEN-D24Y- QEDGFDL	96	18
>PTEN-D24Y- QEDGFDL	825	>PTEN-D24Y- QEDGFDL	305	520

>PTEN-D24Y-YQEDGFDLD	21254	>PTEN-D24Y-YQEDGFDLY	110	21144
>PTEN-D24Y-YQEDGFDLDI	750	>PTEN-D24Y-YQEDGFDLYL	38	712
>PTEN-D24Y-YQEDGFDLDI	209	>PTEN-D24Y-YQEDGFDLYL	20	189
>PTEN-D24Y-YQEDGFDLDI	3644	>PTEN-D24Y-YQEDGFDLYL	494	3150
>PTEN-D24Y-YQEDGFDLD	731	>PTEN-D24Y-YQEDGFDLY	52	679
>PTEN-D24Y-YQEDGFDLDI	297	>PTEN-D24Y-YQEDGFDLYL	56	241
>PTEN-D24Y-YQEDGFDLDI	27	>PTEN-D24Y-YQEDGFDLYL	21	6
>PTEN-D24Y-YQEDGFDLDI	4364	>PTEN-D24Y-YQEDGFDLYL	226	4138
>PTEN-D24Y-YQEDGFDLDI	2222	>PTEN-D24Y-YQEDGFDLYL	257	1965
>PTEN-D24Y-YQEDGFDLDI	1773	>PTEN-D24Y-YQEDGFDLYL	461	1312
>PTEN-D24Y-YQEDGFDLD	20171	>PTEN-D24Y-YQEDGFDLY	139	20032
>PTEN-D24Y-YQEDGFDLD	20363	>PTEN-D24Y-YQEDGFDLY	119	20244
>PTEN-D24Y-YQEDGFDLD	25923	>PTEN-D24Y-YQEDGFDLY	121	25802
>PTEN-D24Y-YQEDGFDLDI	137	>PTEN-D24Y-YQEDGFDLYL	117	20
>PTEN-D24Y-RYQEDGFDLI	31542	>PTEN-D24Y-RYQEDGFDLY	200	31342
>PTEN-D24Y-RYQEDGFDLI	569	>PTEN-D24Y-RYQEDGFDLY	367	202
>PTEN-D24Y-RYQEDGFDLI	607	>PTEN-D24Y-RYQEDGFDLY	50	557
>PTEN-D24Y-RYQEDGFDLI	7	>PTEN-D24Y-RYQEDGFDLY	5	2
>PTEN-D24Y-RYQEDGFDLI	29999	>PTEN-D24Y-RYQEDGFDLY	252	29747
>PTEN-D24Y-RYQEDGFDLI	18179	>PTEN-D24Y-RYQEDGFDLY	23	18156
>PTEN-D24Y-RYQEDGFDLI	26330	>PTEN-D24Y-RYQEDGFDLY	61	26269
>PTEN-D24Y-RYQEDGFDLI	1505	>PTEN-D24Y-RYQEDGFDLY	382	1123
>PTEN-D252'GDIKVEFFHK	927	>PTEN-D252'GGIKVEFFHK	308	619
>PTEN-D252'PVCGDIKV	466	>PTEN-D252'PVCGGIKV	252	214
>PTEN-D252'PVCGDIKVEF	395	>PTEN-D252'PVCGGIKVEF	476	81
>PTEN-D252'PVCGDIKVEF	21	>PTEN-D252'PVCGGIKVEF	28	7
>PTEN-D252'LPVCGDIKVEI	35	>PTEN-D252'LPVCGGIKVEI	37	2
>PTEN-D252'LPVCGDIKVEI	484	>PTEN-D252'LPVCGGIKVEI	120	364
>PTEN-D252'LPVCGDIKVEI	630	>PTEN-D252'LPVCGGIKVEI	284	346
>PTEN-D252'LPVCGDIKVEI	9	>PTEN-D252'LPVCGGIKVEI	10	1
>PTEN-D252'LPVCGDIKVEI	26	>PTEN-D252'LPVCGGIKVEI	40	14
>PTEN-D252'LPVCGDIK	306	>PTEN-D252'LPVCGGIK	315	9
>PTEN-D252'LPVCGDIKVEI	499	>PTEN-D252'LPVCGGIKVEI	389	110
>PTEN-D252'LPVCGDIKVEI	18	>PTEN-D252'LPVCGGIKVEI	31	13
>PTEN-D252'PLPVCGDIKV	176	>PTEN-D252'PLPVCGGIKV	243	67
>PTEN-D252'PLPVCGDIKV	46	>PTEN-D252'PLPVCGGIKV	48	2
>PTEN-D252'QPLPVCGDIK	1162	>PTEN-D252'QPLPVCGGIK	385	777
>PTEN-D252'FPQPLPVCGC	95	>PTEN-D252'FPQPLPVCGC	2100	2005
>PTEN-D252'FPQPLPVCGC	360	>PTEN-D252'FPQPLPVCGC	473	113
>PTEN-D252'FPQPLPVCGC	419	>PTEN-D252'FPQPLPVCGC	562	143
>PTEN-D252'FPQPLPVCGC	832	>PTEN-D252'FPQPLPVCGC	414	418
>PTEN-D252'GDIKVEFF	9696	>PTEN-D252'GYIKVEFF	22	9674
>PTEN-D252'GDIKVEFF	17345	>PTEN-D252'GYIKVEFF	81	17264

>PTEN-D252'GDIKVEFF	16664	>PTEN-D252'GYIKVEFF	5	16659
>PTEN-D252'GDIKVEFFHK	26053	>PTEN-D252'GYIKVEFFHK	247	25806
>PTEN-D252'GDIKVEFFHK	927	>PTEN-D252'GYIKVEFFHK	267	660
>PTEN-D252'EFQPLPVCG	22164	>PTEN-D252'EFQPLPVCG	46	22118
>PTEN-D252'EFQPLPVCG	22446	>PTEN-D252'EFQPLPVCG	39	22407
>PTEN-D252'PVCGDIKV	466	>PTEN-D252'PVCGYIKV	242	224
>PTEN-D252'PVCGDIKVEF	395	>PTEN-D252'PVCGYIKVEF	569	174
>PTEN-D252'PVCGDIKVEF	21	>PTEN-D252'PVCGYIKVEFI	28	7
>PTEN-D252'LPVCGDIKVEI	35	>PTEN-D252'LPVCGYIKVEF	27	8
>PTEN-D252'LPVCGDIKVEI	484	>PTEN-D252'LPVCGYIKVEF	351	133
>PTEN-D252'LPVCGDIKVEI	630	>PTEN-D252'LPVCGYIKVEF	176	454
>PTEN-D252'LPVCGDIKVEI	9	>PTEN-D252'LPVCGYIKVEF	11	2
>PTEN-D252'LPVCGDIKVEI	26	>PTEN-D252'LPVCGYIKVEF	38	12
>PTEN-D252'LPVCGDIK	306	>PTEN-D252'LPVCGYIK	102	204
>PTEN-D252'LPVCGDIKVEI	499	>PTEN-D252'LPVCGYIKVEF	372	127
>PTEN-D252'LPVCGDIKVEI	18	>PTEN-D252'LPVCGYIKVEF	14	4
>PTEN-D252'PLPVCGDIKV	934	>PTEN-D252'PLPVCGYIKV	281	653
>PTEN-D252'PLPVCGDIKV	176	>PTEN-D252'PLPVCGYIKV	104	72
>PTEN-D252'PLPVCGDIKV	1835	>PTEN-D252'PLPVCGYIKV	479	1356
>PTEN-D252'PLPVCGDIKV	46	>PTEN-D252'PLPVCGYIKV	22	24
>PTEN-D252'QPLPVCGDIK	1162	>PTEN-D252'QPLPVCGYIK'	230	932
>PTEN-D252'QPLPVCGD	12394	>PTEN-D252'QPLPVCGY	59	12335
>PTEN-D252'FPQPLPVCGL	95	>PTEN-D252'FPQPLPVCGY	50	45
>PTEN-D252'FPQPLPVCGL	360	>PTEN-D252'FPQPLPVCGY	213	147
>PTEN-D252'FPQPLPVCGL	419	>PTEN-D252'FPQPLPVCGY	205	214
>PTEN-D252'FPQPLPVCGL	832	>PTEN-D252'FPQPLPVCGY	267	565
>PTEN-D326(LDKANKDKAI	3618	>PTEN-D326(LGKANKDKAI	235	3383
>PTEN-D326(LTKNDLDK	81	>PTEN-D326(LTKNDLGK	28	53
>PTEN-D326(LTKNDLDKAN	55	>PTEN-D326(LTKNDLGKAN	19	36
>PTEN-D326(LTKNDLDKAN	446	>PTEN-D326(LTKNDLGKAN	255	191
>PTEN-D326(LTKNDLDK	853	>PTEN-D326(LTKNDLGK	452	401
>PTEN-D326(LTKNDLDKAN	335	>PTEN-D326(LTKNDLGKAN	417	82
>PTEN-D326(TLTKNDLDKA	789	>PTEN-D326(TLTKNDLGKA	271	518
>PTEN-D326(TLTKNDLDKA	242	>PTEN-D326(TLTKNDLGKA	274	32
>PTEN-D326(TLTKNDLDK	906	>PTEN-D326(TLTKNDLGK	427	479
>PTEN-D326(LTLTKNDLDK	313	>PTEN-D326(LTLTKNDLGK	107	206
>PTEN-D326(LTLTKNDLDK	62	>PTEN-D326(LTLTKNDLGK	52	10
>PTEN-D326(LTLTKNDLDK	592	>PTEN-D326(LTLTKNDLGK	282	310
>PTEN-D331(KDKANRYFSPN	39	>PTEN-D331(KGKANRYFSPN	7	32
>PTEN-D331(KDKANRYFS	1840	>PTEN-D331(KGKANRYFS	40	1800
>PTEN-D331(KDKANRYFSP	4461	>PTEN-D331(KGKANRYFSP	314	4147
>PTEN-D331(KDKANRYFSP	5095	>PTEN-D331(KGKANRYFSP	429	4666
>PTEN-D331(KDKANRYF	670	>PTEN-D331(KGKANRYF	333	337

>PTEN-D331(NKDKANRYF	698	>PTEN-D331(NKGGKANRYF	120	578
>PTEN-D331(ANKDKANR	309	>PTEN-D331(ANKGGKANR	338	29
>PTEN-D331(KANKDKANR	583	>PTEN-D331(KANKGGKANR	337	246
>PTEN-D331(KANKDKANR	10	>PTEN-D331(KANKGGKANR	9	1
>PTEN-D331(KANKDKANR	101	>PTEN-D331(KANKGGKANR	103	2
>PTEN-D331(KANKDKANR	112	>PTEN-D331(KANKGGKANR	29	83
>PTEN-D331(KANKDKANR	103	>PTEN-D331(KANKGGKANR	31	72
>PTEN-D331(KANKDKANR	493	>PTEN-D331(KANKGGKANR	658	165
>PTEN-D331(KANKDKANR	99	>PTEN-D331(KANKGGKANR	142	43
>PTEN-D331(KANKDKANR	498	>PTEN-D331(KANKGGKANR	271	227
>PTEN-D331(KANKDKANR	80	>PTEN-D331(KANKGGKANR	56	24
>PTEN-D331(KANKDKANR	496	>PTEN-D331(KANKGGKANR	497	1
>PTEN-D375IDHYRYSDDT	567	>PTEN-D375INHYRYSDDT	339	228
>PTEN-D375I EPDHYRYSDDT	550	>PTEN-D375I EPNHRYRYSDDT	191	359
>PTEN-D375INEPDHYRY	78	>PTEN-D375INEPNHYRY	110	32
>PTEN-D375IDNEPDHYR	469	>PTEN-D375IDNEPNHYR	240	229
>PTEN-D375IDNEPDHYRY	378	>PTEN-D375IDNEPNHYRY	256	122
>PTEN-D375IVSDNEPDHY	13	>PTEN-D375IVSDNEPNHY	12	1
>PTEN-D375IVSDNEPDHYI	12	>PTEN-D375IVSDNEPNHYI	10	2
>PTEN-D375IVSDNEPDHY	535	>PTEN-D375IVSDNEPNHY	220	315
>PTEN-D375IVSDNEPDHYI	120	>PTEN-D375IVSDNEPNHYI	88	32
>PTEN-D375IVSDNEPDHYI	501	>PTEN-D375IVSDNEPNHYI	483	18
>PTEN-D375IVSDNEPDHY	458	>PTEN-D375IVSDNEPNHY	304	154
>PTEN-D375IVSDNEPDHYI	57	>PTEN-D375IVSDNEPNHYI	33	24
>PTEN-D375IVSDNEPDHYI	415	>PTEN-D375IVSDNEPNHYI	371	44
>PTEN-D375IVSDNEPDHYI	276	>PTEN-D375IVSDNEPNHYI	201	75
>PTEN-D375IDVSDNEPDH	75	>PTEN-D375IDVSDNEPNH	79	4
>PTEN-D375IDVSDNEPDH	38	>PTEN-D375IDVSDNEPNH	35	3
>PTEN-D375IDVSDNEPDH	69	>PTEN-D375IDVSDNEPNH	50	19
>PTEN-D375IDVSDNEPDH	6	>PTEN-D375IDVSDNEPNH	5	1
>PTEN-D375IDVSDNEPDH	447	>PTEN-D375IDVSDNEPNH	320	127
>PTEN-D52G DVVRFLDSK	1598	>PTEN-D52G GVVRFLLDSK	28	1570
>PTEN-D52G DVVRFLDSKH	5765	>PTEN-D52G GVVRFLLDSKH	182	5583
>PTEN-D52G DVVRFLDSK	493	>PTEN-D52G GVVRFLLDSK	10876	10383
>PTEN-D52G DVVRFLDSKH	129	>PTEN-D52G GVVRFLLDSKH	4125	3996
>PTEN-D52G DVVRFLDSK	18	>PTEN-D52G GVVRFLLDSK	337	319
>PTEN-D52G DVVRFLDSKH	102	>PTEN-D52G GVVRFLLDSKH	1538	1436
>PTEN-D52G NIDDVVRFL	171	>PTEN-D52G NIDGVVRFL	373	202
>PTEN-D52G NIDDVVRFL	272	>PTEN-D52G NIDGVVRFL	1535	1263
>PTEN-D52G NIDDVVRFL	30	>PTEN-D52G NIDGVVRFL	66	36
>PTEN-D52G NIDDVVRFL	320	>PTEN-D52G NIDGVVRFL	709	389
>PTEN-D52G NIDDVVRFL	464	>PTEN-D52G NIDGVVRFL	1105	641
>PTEN-D52G NIDDVVRFL	324	>PTEN-D52G NIDGVVRFL	1272	948



>PTEN-D52G NNIDDVVR	192	>PTEN-D52G NNIDGVVR	197	5
>PTEN-D52G RNNIDDVVR	450	>PTEN-D52G RNNIDGVVR	216	234
>PTEN-D52G RNNIDDVVR	474	>PTEN-D52G RNNIDGVVR	1165	691
>PTEN-D52G YRNNIDDVVF	48	>PTEN-D52G YRNNIDGVVF	55	7
>PTEN-D52G YRNNIDDV	1455	>PTEN-D52G YRNNIDGV	264	1191
>PTEN-D52G YRNNIDDV	1277	>PTEN-D52G YRNNIDGV	404	873
>PTEN-D52G YRNNIDDVVF	119	>PTEN-D52G YRNNIDGVVF	77	42
>PTEN-D52G VYRNNIDDV\	219	>PTEN-D52G VYRNNIDGV\	144	75
>PTEN-D52G VYRNNIDDV\	173	>PTEN-D52G VYRNNIDGV\	227	54
>PTEN-D52G GYRNNIDD\	225	>PTEN-D52G GYRNNIDG\	63	162
>PTEN-D52G GYRNNIDD\	938	>PTEN-D52G GYRNNIDG\	466	472
>PTEN-D52G GYRNNIDD\	2297	>PTEN-D52G GYRNNIDG\	488	1809
>PTEN-D52G GYRNNIDD\	86	>PTEN-D52G GYRNNIDG\	14	72
>PTEN-D52G GYRNNIDD\	103	>PTEN-D52G GYRNNIDG\	143	40
>PTEN-D52G GYRNNIDD\	106	>PTEN-D52G GYRNNIDG\	19	87
>PTEN-D52G GYRNNIDD\	113	>PTEN-D52G GYRNNIDG\	354	241
>PTEN-D52G GYRNNIDD\	97	>PTEN-D52G GYRNNIDG\	33	64
>PTEN-D52G GYRNNIDD\	100	>PTEN-D52G GYRNNIDG\	245	145
>PTEN-D52G GYRNNIDD\	36	>PTEN-D52G GYRNNIDG\	18	18
>PTEN-D52G GYRNNIDD\	78	>PTEN-D52G GYRNNIDG\	104	26
>PTEN-D52G EGVYRNNIDC	884	>PTEN-D52G EGVYRNNIDC	103	781
>PTEN-D52N DVVRFLDSK	1598	>PTEN-D52N NVVRFLDSK	167	1431
>PTEN-D52N DVVRFLDSK	493	>PTEN-D52N NVVRFLDSK	2999	2506
>PTEN-D52N DVVRFLDSK	129	>PTEN-D52N NVVRFLDSK	756	627
>PTEN-D52N DVVRFLDSK	18	>PTEN-D52N NVVRFLDSK	26	8
>PTEN-D52N DVVRFLDSK	102	>PTEN-D52N NVVRFLDSK	141	39
>PTEN-D52N NIDDVVRFL	171	>PTEN-D52N NIDNVVRFL	753	582
>PTEN-D52N NIDDVVRFL	272	>PTEN-D52N NIDNVVRFL	1362	1090
>PTEN-D52N NIDDVVRFL	30	>PTEN-D52N NIDNVVRFL	91	61
>PTEN-D52N NIDDVVRFL	320	>PTEN-D52N NIDNVVRFL	676	356
>PTEN-D52N NIDDVVRFL	464	>PTEN-D52N NIDNVVRFL	2123	1659
>PTEN-D52N NIDDVVRFL	324	>PTEN-D52N NIDNVVRFL	1169	845
>PTEN-D52N NNIDDVVR	192	>PTEN-D52N NNIDNVVR	98	94
>PTEN-D52N NNIDDVVR	1048	>PTEN-D52N NNIDNVVR	480	568
>PTEN-D52N RNNIDDVVR	837	>PTEN-D52N RNNIDNVVR	376	461
>PTEN-D52N RNNIDDVVR	450	>PTEN-D52N RNNIDNVVR	218	232
>PTEN-D52N RNNIDDVVR	474	>PTEN-D52N RNNIDNVVR	321	153
>PTEN-D52N YRNNIDDVVF	48	>PTEN-D52N YRNNIDNVVF	30	18
>PTEN-D52N YRNNIDDV	1455	>PTEN-D52N YRNNIDNV	401	1054
>PTEN-D52N YRNNIDDVVF	119	>PTEN-D52N YRNNIDNVVF	103	16
>PTEN-D52N VYRNNIDDV\	219	>PTEN-D52N VYRNNIDNV\	100	119
>PTEN-D52N VYRNNIDDV\	712	>PTEN-D52N VYRNNIDNV\	417	295
>PTEN-D52N VYRNNIDDV\	173	>PTEN-D52N VYRNNIDNV\	132	41

>PTEN-D52N GVYRNNIDDA	225	>PTEN-D52N GVYRNNIDN	84	141
>PTEN-D52N GVYRNNIDDA	86	>PTEN-D52N GVYRNNIDN	27	59
>PTEN-D52N GVYRNNIDDA	103	>PTEN-D52N GVYRNNIDN	139	36
>PTEN-D52N GVYRNNIDDA	106	>PTEN-D52N GVYRNNIDN	39	67
>PTEN-D52N GVYRNNIDDA	113	>PTEN-D52N GVYRNNIDN	104	9
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>PTEN-D52N GVYRNNIDDA	36	>PTEN-D52N GVYRNNIDN	25	11
>PTEN-D52N GVYRNNIDDA	78	>PTEN-D52N GVYRNNIDN	54	24
>PTEN-D52N GVYRNNIDDA	1754	>PTEN-D52N GVYRNNIDN	473	1281
>PTEN-D52N EGVYRNNIDC	884	>PTEN-D52N EGVYRNNIDN	146	738
>PTEN-D58Y-DSKHKNHYK	2594	>PTEN-D58Y-YSKHKNHYK	141	2453
>PTEN-D58Y-DSKHKNHY	383	>PTEN-D58Y-YSKHKNHY	398	15
>PTEN-D58Y-DSKHKNHYK	121	>PTEN-D58Y-YSKHKNHYK	7	114
>PTEN-D58Y-DSKHKNHYKI	5053	>PTEN-D58Y-YSKHKNHYKI	254	4799
>PTEN-D58Y-DSKHKNHY	289	>PTEN-D58Y-YSKHKNHY	115	174
>PTEN-D58Y-DSKHKNHYKI	698	>PTEN-D58Y-YSKHKNHYKI	330	368
>PTEN-D58Y-DSKHKNHYK	342	>PTEN-D58Y-YSKHKNHYK	40	302
>PTEN-D58Y-DSKHKNHYK	155	>PTEN-D58Y-YSKHKNHYK	942	787
>PTEN-D58Y-DSKHKNHYK	77	>PTEN-D58Y-YSKHKNHYK	59	18
>PTEN-D58Y-DSKHKNHY	4062	>PTEN-D58Y-YSKHKNHY	56	4006
>PTEN-D58Y-DSKHKNHYKI	8659	>PTEN-D58Y-YSKHKNHYKI	146	8513
>PTEN-D58Y-DSKHKNHY	5192	>PTEN-D58Y-YSKHKNHY	91	5101
>PTEN-D58Y-DSKHKNHYKI	1729	>PTEN-D58Y-YSKHKNHYKI	32	1697
>PTEN-D58Y-DSKHKNHY	1802	>PTEN-D58Y-YSKHKNHY	14	1788
>PTEN-D58Y-DSKHKNHYKI	8287	>PTEN-D58Y-YSKHKNHYKI	51	8236
>PTEN-D58Y-DSKHKNHYKI	1306	>PTEN-D58Y-YSKHKNHYKI	8	1298
>PTEN-D58Y-DSKHKNHY	3193	>PTEN-D58Y-YSKHKNHY	62	3131
>PTEN-D58Y-DSKHKNHYKI	3074	>PTEN-D58Y-YSKHKNHYKI	37	3037
>PTEN-D58Y-LDSKHKNHYK	16420	>PTEN-D58Y-LYSKHKNHYK	188	16232
>PTEN-D58Y-LDSKHKNHYK	19107	>PTEN-D58Y-LYSKHKNHYK	104	19003
>PTEN-D58Y-LDSKHKNHYK	23546	>PTEN-D58Y-LYSKHKNHYK	10	23536
>PTEN-D58Y-LDSKHKNHY	6278	>PTEN-D58Y-LYSKHKNHY	499	5779
>PTEN-D58Y-LDSKHKNHYK	8806	>PTEN-D58Y-LYSKHKNHYK	84	8722
>PTEN-D58Y-LDSKHKNHY	4011	>PTEN-D58Y-LYSKHKNHY	193	3818
>PTEN-D58Y-LDSKHKNHYK	2556	>PTEN-D58Y-LYSKHKNHYK	112	2444
>PTEN-D58Y-LDSKHKNHY	5393	>PTEN-D58Y-LYSKHKNHY	235	5158
>PTEN-D58Y-LDSKHKNHYK	5805	>PTEN-D58Y-LYSKHKNHYK	65	5740
>PTEN-D58Y-LDSKHKNHYK	229	>PTEN-D58Y-LYSKHKNHYK	23854	23625
>PTEN-D58Y-NNIDDVVRF	23859	>PTEN-D58Y-NNIDDVVRF	88	23771
>PTEN-D58Y-FLDSKHKNHY	86	>PTEN-D58Y-FLYSKHKNHY	396	310
>PTEN-D58Y-FLDSKHKNHY	1452	>PTEN-D58Y-FLYSKHKNHY	235	1217
>PTEN-D58Y-FLDSKHKN	1378	>PTEN-D58Y-FLYSKHKN	217	1161

>PTEN-D58Y-FLDSKHKNHY	273	>PTEN-D58Y-FLYSKHKNHY	52	221
>PTEN-D58Y-FLDSKHKN	1928	>PTEN-D58Y-FLYSKHKN	219	1709
>PTEN-D58Y-FLDSKHKNHY	3735	>PTEN-D58Y-FLYSKHKNHY	480	3255
>PTEN-D58Y-FLDSKHKNHY	226	>PTEN-D58Y-FLYSKHKNHY	35	191
>PTEN-D58Y-FLDSKHKNHY	724	>PTEN-D58Y-FLYSKHKNHY	35	689
>PTEN-D58Y-FLDSKHKNHY	512	>PTEN-D58Y-FLYSKHKNHY	92	420
>PTEN-D58Y-FLDSKHKNHY	1135	>PTEN-D58Y-FLYSKHKNHY	290	845
>PTEN-D58Y-FLDSKHKNHY	4532	>PTEN-D58Y-FLYSKHKNHY	181	4351
>PTEN-D58Y-FLDSKHKNHY	688	>PTEN-D58Y-FLYSKHKNHY	30	658
>PTEN-D58Y-FLDSKHKNHY	676	>PTEN-D58Y-FLYSKHKNHY	257	419
>PTEN-D58Y-FLDSKHKNHY	1010	>PTEN-D58Y-FLYSKHKNHY	45	965
>PTEN-D58Y-FLDSKHKNHY	510	>PTEN-D58Y-FLYSKHKNHY	31	479
>PTEN-D58Y-FLDSKHKNHY	2947	>PTEN-D58Y-FLYSKHKNHY	19	2928
>PTEN-D58Y-FLDSKHKNHY	5001	>PTEN-D58Y-FLYSKHKNHY	217	4784
>PTEN-D58Y-RFLDSKHKNH	91	>PTEN-D58Y-RFLYSKHKNH	78	13
>PTEN-D58Y-RFLDSKHK	19	>PTEN-D58Y-RFLYSKHK	11	8
>PTEN-D58Y-RFLDSKHKNH	227	>PTEN-D58Y-RFLYSKHKNH	114	113
>PTEN-D58Y-RFLDSKHK	73	>PTEN-D58Y-RFLYSKHK	33	40
>PTEN-D58Y-RFLDSKHKNH	697	>PTEN-D58Y-RFLYSKHKNH	349	348
>PTEN-D58Y-RFLDSKHK	66	>PTEN-D58Y-RFLYSKHK	93	27
>PTEN-D58Y-VRFLDSKH	482	>PTEN-D58Y-VRFLYSKH	185	297
>PTEN-D58Y-VRFLDSKHK	137	>PTEN-D58Y-VRFLYSKHK	67	70
>PTEN-D58Y-VRFLDSKHKN	834	>PTEN-D58Y-VRFLYSKHKN	425	409
>PTEN-D58Y-VVRFLDSK	644	>PTEN-D58Y-VVRFLYSK	101	543
>PTEN-D58Y-VVRFLDSKHK	408	>PTEN-D58Y-VVRFLYSKHK	97	311
>PTEN-D58Y-VVRFLDSK	455	>PTEN-D58Y-VVRFLYSK	69	386
>PTEN-D58Y-VVRFLDSKHK	560	>PTEN-D58Y-VVRFLYSKHK	211	349
>PTEN-D58Y-VVRFLDSK	17	>PTEN-D58Y-VVRFLYSK	6	11
>PTEN-D58Y-VVRFLDSKHK	13	>PTEN-D58Y-VVRFLYSKHK	5	8
>PTEN-D58Y-VVRFLDSK	3017	>PTEN-D58Y-VVRFLYSK	103	2914
>PTEN-D58Y-VVRFLDSKH	57	>PTEN-D58Y-VVRFLYSKH	23	34
>PTEN-D58Y-DVVRFLDSK	1598	>PTEN-D58Y-DVVRFLYSK	196	1402
>PTEN-D58Y-DVVRFLDSK	493	>PTEN-D58Y-DVVRFLYSK	582	89
>PTEN-D58Y-DVVRFLDSKH	129	>PTEN-D58Y-DVVRFLYSKH	121	8
>PTEN-D58Y-DVVRFLDSK	1890	>PTEN-D58Y-DVVRFLYSK	111	1779
>PTEN-D58Y-DVVRFLDSK	18	>PTEN-D58Y-DVVRFLYSK	11	7
>PTEN-D58Y-DVVRFLDSKH	102	>PTEN-D58Y-DVVRFLYSKH	60	42
>PTEN-D58Y-IDDVVRFLD	38236	>PTEN-D58Y-IDDVVRFLY	398	37838
>PTEN-D58Y-NIDDVVRFLD	31077	>PTEN-D58Y-NIDDVVRFLY	161	30916
>PTEN-D58Y-NIDDVVRFLD	31798	>PTEN-D58Y-NIDDVVRFLY	439	31359
>PTEN-D58Y-NIDDVVRFLD	22640	>PTEN-D58Y-NIDDVVRFLY	358	22282
>PTEN-D58Y-NIDDVVRFLD	25153	>PTEN-D58Y-NIDDVVRFLY	242	24911
>PTEN-D92A-DHNPPQLEL	5650	>PTEN-D92A-AHNPPQLEL	471	5179

>PTEN-D92A·DHNPPQLEL	248	>PTEN-D92A·AHNPPQLEL	401	153
>PTEN-D92A·EDHNPPQLEI	5968	>PTEN-D92A·EAHNPPQLEL	52	5916
>PTEN-D92A·EDHNPPQL	13635	>PTEN-D92A·EAHNPPQL	329	13306
>PTEN-D92A·EDHNPPQLEI	235	>PTEN-D92A·EAHNPPQLEL	29621	29386
>PTEN-D92A·FEDHNPPQL	1032	>PTEN-D92A·FEAHNPPQL	231	801
>PTEN-D92A·FEDHNPPQLE	1486	>PTEN-D92A·FEAHNPPQLE	356	1130
>PTEN-D92A·FEDHNPPQLE	7964	>PTEN-D92A·FEAHNPPQLE	486	7478
>PTEN-D92A·FEDHNPPQL	169	>PTEN-D92A·FEAHNPPQL	155	14
>PTEN-D92A·FEDHNPPQLE	275	>PTEN-D92A·FEAHNPPQLE	270	5
>PTEN-D92A·FEDHNPPQL	116	>PTEN-D92A·FEAHNPPQL	132	16
>PTEN-D92A·FEDHNPPQLE	47	>PTEN-D92A·FEAHNPPQLE	57	10
>PTEN-D92A·FEDHNPPQL	314	>PTEN-D92A·FEAHNPPQL	165	149
>PTEN-D92A·FEDHNPPQLE	186	>PTEN-D92A·FEAHNPPQLE	98	88
>PTEN-D92A·FEDHNPPQL	128	>PTEN-D92A·FEAHNPPQL	25	103
>PTEN-D92A·FEDHNPPQLE	802	>PTEN-D92A·FEAHNPPQLE	147	655
>PTEN-D92A·YPFEDHNPPC	43	>PTEN-D92A·YPFEAHNPPC	4	39
>PTEN-D92A·YPFEDHNPPC	145	>PTEN-D92A·YPFEAHNPPC	87	58
>PTEN-D92A·YPFEDHNPPC	145	>PTEN-D92A·YPFEAHNPPC	72	73
>PTEN-D92A·YPFEDHNPP	145	>PTEN-D92A·YPFEAHNPP	85	60
>PTEN-D92A·YPFEDHNPPC	43	>PTEN-D92A·YPFEAHNPPC	37	6
>PTEN-D92A·YPFEDHNPPC	22	>PTEN-D92A·YPFEAHNPPC	18	4
>PTEN-D92A·YPFEDHNPPC	711	>PTEN-D92A·YPFEAHNPPC	411	300
>PTEN-D92A·YPFEDHNPP	291	>PTEN-D92A·YPFEAHNPP	62	229
>PTEN-D92A·AQYPFEDH	2087	>PTEN-D92A·AQYPFEAH	260	1827
>PTEN-D92A·AQYPFEDH	105	>PTEN-D92A·AQYPFEAH	22	83
>PTEN-D92A·AQYPFEDHNI	263	>PTEN-D92A·AQYPFEAHNI	151	112
>PTEN-D92A·RVAQYPFED	19715	>PTEN-D92A·RVAQYPFEA	69	19646
>PTEN-D92A·RVAQYPFED	14210	>PTEN-D92A·RVAQYPFEA	154	14056
>PTEN-D92A·RVAQYPFED	21011	>PTEN-D92A·RVAQYPFEA	253	20758
>PTEN-D92A·RVAQYPFED	18575	>PTEN-D92A·RVAQYPFEA	73	18502
>PTEN-D92A·RVAQYPFED	16831	>PTEN-D92A·RVAQYPFEA	159	16672
>PTEN-D92A·CRVAQYPFEA	3049	>PTEN-D92A·CRVAQYPFEA	276	2773
>PTEN-D92E·DHNPPQLEL	248	>PTEN-D92E·EHNPPQLEL	231	17
>PTEN-D92E·EDHNPPQLEI	1216	>PTEN-D92E·EEHNPPQLEL	78	1138
>PTEN-D92E·EDHNPPQL	4690	>PTEN-D92E·EEHNPPQL	215	4475
>PTEN-D92E·EDHNPPQLEI	23091	>PTEN-D92E·EEHNPPQLEL	431	22660
>PTEN-D92E·EDHNPPQLEI	25143	>PTEN-D92E·EEHNPPQLEL	340	24803
>PTEN-D92E·EDHNPPQLEI	2168	>PTEN-D92E·EEHNPPQLEL	25	2143
>PTEN-D92E·EDHNPPQLEI	235	>PTEN-D92E·EEHNPPQLEL	8144	7909
>PTEN-D92E·FEDHNPPQL	1032	>PTEN-D92E·FEEHNPPQL	433	599
>PTEN-D92E·FEDHNPPQL	169	>PTEN-D92E·FEEHNPPQL	353	184
>PTEN-D92E·FEDHNPPQLE	275	>PTEN-D92E·FEEHNPPQLE	577	302
>PTEN-D92E·FEDHNPPQL	116	>PTEN-D92E·FEEHNPPQL	92	24

>PTEN-D92E-FEDHNPPQLE	47	>PTEN-D92E-FEEHNPPQLE	42	5
>PTEN-D92E-FEDHNPPQL	314	>PTEN-D92E-FEEHNPPQL	357	43
>PTEN-D92E-FEDHNPPQLE	186	>PTEN-D92E-FEEHNPPQLE	205	19
>PTEN-D92E-FEDHNPPQL	128	>PTEN-D92E-FEEHNPPQL	61	67
>PTEN-D92E-FEDHNPPQLE	802	>PTEN-D92E-FEEHNPPQLE	436	366
>PTEN-D92E-YPFEDHNPPC	43	>PTEN-D92E-YPFEEHNPPC	34	9
>PTEN-D92E-YPFEDHNPPC	145	>PTEN-D92E-YPFEEHNPPC	181	36
>PTEN-D92E-YPFEDHNPPC	145	>PTEN-D92E-YPFEEHNPPC	286	141
>PTEN-D92E-YPFEDHNPP	145	>PTEN-D92E-YPFEEHNPP	156	11
>PTEN-D92E-YPFEDHNPPC	43	>PTEN-D92E-YPFEEHNPPC	45	2
>PTEN-D92E-YPFEDHNPPC	22	>PTEN-D92E-YPFEEHNPPC	22	0
>PTEN-D92E-YPFEDHNPP	291	>PTEN-D92E-YPFEEHNPP	433	142
>PTEN-D92E-AQYPFEDH	105	>PTEN-D92E-AQYPFEEH	50	55
>PTEN-D92E-AQYPFEDHNI	263	>PTEN-D92E-AQYPFEEHNI	196	67
>PTEN-D92G-DHNPPQLEL	248	>PTEN-D92G-GHNPPQLEL	741	493
>PTEN-D92G-EDHNPPQLEI	235	>PTEN-D92G-EGHNPPQLEI	16144	15909
>PTEN-D92G-FEDHNPPQL	169	>PTEN-D92G-FEGHNPPQL	3680	3511
>PTEN-D92G-FEDHNPPQLE	275	>PTEN-D92G-FEGHNPPQLE	4481	4206
>PTEN-D92G-FEDHNPPQL	116	>PTEN-D92G-FEGHNPPQL	649	533
>PTEN-D92G-FEDHNPPQLE	47	>PTEN-D92G-FEGHNPPQLE	281	234
>PTEN-D92G-FEDHNPPQL	314	>PTEN-D92G-FEGHNPPQL	173	141
>PTEN-D92G-FEDHNPPQLE	186	>PTEN-D92G-FEGHNPPQLE	97	89
>PTEN-D92G-FEDHNPPQL	128	>PTEN-D92G-FEGHNPPQL	85	43
>PTEN-D92G-YPFEDHNPPC	43	>PTEN-D92G-YPFEGHNPPC	11	32
>PTEN-D92G-YPFEDHNPPC	145	>PTEN-D92G-YPFEGHNPPC	108	37
>PTEN-D92G-YPFEDHNPPC	145	>PTEN-D92G-YPFEGHNPPC	70	75
>PTEN-D92G-YPFEDHNPP	145	>PTEN-D92G-YPFEGHNPP	123	22
>PTEN-D92G-YPFEDHNPPC	43	>PTEN-D92G-YPFEGHNPPC	45	2
>PTEN-D92G-YPFEDHNPPC	22	>PTEN-D92G-YPFEGHNPPC	15	7
>PTEN-D92G-YPFEDHNPP	291	>PTEN-D92G-YPFEGHNPP	113	178
>PTEN-D92G-AQYPFEDH	105	>PTEN-D92G-AQYPFEGH	162	57
>PTEN-D92G-AQYPFEDHNI	263	>PTEN-D92G-AQYPFEGHNI	290	27
>PTEN-D92H-DHNPPQLEL	248	>PTEN-D92H-HHNPPQLEL	86	162
>PTEN-D92H-DHNPPQLELI	1469	>PTEN-D92H-HHNPPQLELI	480	989
>PTEN-D92H-DHNPPQLEL	3366	>PTEN-D92H-HHNPPQLEL	85	3281
>PTEN-D92H-EDHNPPQL	11044	>PTEN-D92H-EHHNPPQL	116	10928
>PTEN-D92H-EDHNPPQLEI	11929	>PTEN-D92H-EHHNPPQLEI	145	11784
>PTEN-D92H-EDHNPPQL	11411	>PTEN-D92H-EHHNPPQL	227	11184
>PTEN-D92H-EDHNPPQLEI	12564	>PTEN-D92H-EHHNPPQLEI	316	12248
>PTEN-D92H-EDHNPPQLEI	235	>PTEN-D92H-EHHNPPQLEI	19254	19019
>PTEN-D92H-FEDHNPPQLE	7964	>PTEN-D92H-FEHHNPPQLE	291	7673
>PTEN-D92H-FEDHNPPQL	169	>PTEN-D92H-FEHHNPPQL	269	100
>PTEN-D92H-FEDHNPPQLE	275	>PTEN-D92H-FEHHNPPQLE	440	165

>PTEN-D92H FEDHNPPQL	116	>PTEN-D92H FEHHNPPQL	135	19
>PTEN-D92H FEDHNPPQLE	47	>PTEN-D92H FEHHNPPQLE	53	6
>PTEN-D92H FEDHNPPQ	3087	>PTEN-D92H FEHHNPPQ	308	2779
>PTEN-D92H FEDHNPPQL	314	>PTEN-D92H FEHHNPPQL	29	285
>PTEN-D92H FEDHNPPQLE	186	>PTEN-D92H FEHHNPPQLE	21	165
>PTEN-D92H FEDHNPPQL	128	>PTEN-D92H FEHHNPPQL	14	114
>PTEN-D92H FEDHNPPQLE	802	>PTEN-D92H FEHHNPPQLE	91	711
>PTEN-D92H YPFEDHNPPC	43	>PTEN-D92H YPFEHHNPPC	28	15
>PTEN-D92H YPFEDHNPPC	145	>PTEN-D92H YPFEHHNPPC	97	48
>PTEN-D92H YPFEDHNPPC	145	>PTEN-D92H YPFEHHNPPC	56	89
>PTEN-D92H YPFEDHNPPC	3085	>PTEN-D92H YPFEHHNPPC	305	2780
>PTEN-D92H YPFEDHNPP	145	>PTEN-D92H YPFEHHNPP	96	49
>PTEN-D92H YPFEDHNPPC	43	>PTEN-D92H YPFEHHNPPC	36	7
>PTEN-D92H YPFEDHNPPC	22	>PTEN-D92H YPFEHHNPPC	18	4
>PTEN-D92H YPFEDHNPP	291	>PTEN-D92H YPFEHHNPP	112	179
>PTEN-D92H YPFEDHNPPC	638	>PTEN-D92H YPFEHHNPPC	453	185
>PTEN-D92H AQYPFEDH	2087	>PTEN-D92H AQYPFEDH	293	1794
>PTEN-D92H AQYPFEDH	105	>PTEN-D92H AQYPFEDH	56	49
>PTEN-D92H AQYPFEDHNI	1505	>PTEN-D92H AQYPFEDHNI	488	1017
>PTEN-D92H AQYPFEDHNI	263	>PTEN-D92H AQYPFEDHNI	155	108
>PTEN-D92H RVAQYPFED	15526	>PTEN-D92H RVAQYPFED	367	15159
>PTEN-D92H CRVAQYPFED	3049	>PTEN-D92H CRVAQYPFED	358	2691
>PTEN-D92V·DHNPPQLEL	248	>PTEN-D92V·VHNPPQLEL	425	177
>PTEN-D92V·EDHNPPQL	22596	>PTEN-D92V·EVHNPPQL	129	22467
>PTEN-D92V·EDHNPPQLEL	27623	>PTEN-D92V·EVHNPPQLEL	383	27240
>PTEN-D92V·EDHNPPQLEL	5740	>PTEN-D92V·EVHNPPQLEL	422	5318
>PTEN-D92V·EDHNPPQL	18592	>PTEN-D92V·EVHNPPQL	270	18322
>PTEN-D92V·EDHNPPQLEL	5968	>PTEN-D92V·EVHNPPQLEL	15	5953
>PTEN-D92V·EDHNPPQL	13635	>PTEN-D92V·EVHNPPQL	109	13526
>PTEN-D92V·EDHNPPQLEL	16265	>PTEN-D92V·EVHNPPQLEL	309	15956
>PTEN-D92V·EDHNPPQLEL	16183	>PTEN-D92V·EVHNPPQLEL	299	15884
>PTEN-D92V·EDHNPPQLEL	235	>PTEN-D92V·EVHNPPQLEL	22791	22556
>PTEN-D92V·FEDHNPPQLE	7964	>PTEN-D92V·FEVHNPPQLE	344	7620
>PTEN-D92V·FEDHNPPQL	169	>PTEN-D92V·FEVHNPPQL	156	13
>PTEN-D92V·FEDHNPPQLE	275	>PTEN-D92V·FEVHNPPQLE	274	1
>PTEN-D92V·FEDHNPPQL	116	>PTEN-D92V·FEVHNPPQL	80	36
>PTEN-D92V·FEDHNPPQLE	47	>PTEN-D92V·FEVHNPPQLE	37	10
>PTEN-D92V·FEDHNPPQL	314	>PTEN-D92V·FEVHNPPQL	80	234
>PTEN-D92V·FEDHNPPQLE	186	>PTEN-D92V·FEVHNPPQLE	44	142
>PTEN-D92V·FEDHNPPQL	128	>PTEN-D92V·FEVHNPPQL	16	112
>PTEN-D92V·FEDHNPPQLE	802	>PTEN-D92V·FEVHNPPQLE	110	692
>PTEN-D92V·YPFEDHNPPC	43	>PTEN-D92V·YPFEVHNPPC	12	31
>PTEN-D92V·YPFEDHNPPC	929	>PTEN-D92V·YPFEVHNPPC	323	606

>PTEN-D92V·YPFEDHNPPC	145	>PTEN-D92V·YPFEVHNPPC	112	33
>PTEN-D92V·YPFEDHNPPC	145	>PTEN-D92V·YPFEVHNPPC	123	22
>PTEN-D92V·YPFEDHNPP	145	>PTEN-D92V·YPFEVHNPP	133	12
>PTEN-D92V·YPFEDHNPPC	43	>PTEN-D92V·YPFEVHNPPC	41	2
>PTEN-D92V·YPFEDHNPPC	22	>PTEN-D92V·YPFEVHNPPC	17	5
>PTEN-D92V·YPFEDHNPPC	711	>PTEN-D92V·YPFEVHNPPC	439	272
>PTEN-D92V·YPFEDHNPP	291	>PTEN-D92V·YPFEVHNPP	56	235
>PTEN-D92V·AQYPFEDH	2087	>PTEN-D92V·AQYPFEVH	273	1814
>PTEN-D92V·AQYPFEDH	105	>PTEN-D92V·AQYPFEVH	27	78
>PTEN-D92V·AQYPFEDHN	2519	>PTEN-D92V·AQYPFEVHN	364	2155
>PTEN-D92V·AQYPFEDHNI	1505	>PTEN-D92V·AQYPFEVHNI	310	1195
>PTEN-D92V·AQYPFEDHNI	263	>PTEN-D92V·AQYPFEVHNI	134	129
>PTEN-D92V·VAQYPFED	29147	>PTEN-D92V·VAQYPFEV	275	28872
>PTEN-D92V·VAQYPFED	29633	>PTEN-D92V·VAQYPFEV	397	29236
>PTEN-D92V·VAQYPFED	21368	>PTEN-D92V·VAQYPFEV	455	20913
>PTEN-D92V·RVAQYPFED	19715	>PTEN-D92V·RVAQYPFEV	11	19704
>PTEN-D92V·RVAQYPFED	14210	>PTEN-D92V·RVAQYPFEV	18	14192
>PTEN-D92V·RVAQYPFED	21011	>PTEN-D92V·RVAQYPFEV	20	20991
>PTEN-D92V·RVAQYPFED	18575	>PTEN-D92V·RVAQYPFEV	9	18566
>PTEN-D92V·RVAQYPFED	16831	>PTEN-D92V·RVAQYPFEV	5	16826
>PTEN-D92V·RVAQYPFED	24031	>PTEN-D92V·RVAQYPFEV	200	23831
>PTEN-D92V·RVAQYPFED	23126	>PTEN-D92V·RVAQYPFEV	18	23108
>PTEN-D92V·RVAQYPFED	24931	>PTEN-D92V·RVAQYPFEV	29	24902
>PTEN-D92V·RVAQYPFED	30913	>PTEN-D92V·RVAQYPFEV	8	30905
>PTEN-D92V·RVAQYPFED	20856	>PTEN-D92V·RVAQYPFEV	54	20802
>PTEN-D92V·RVAQYPFED	18970	>PTEN-D92V·RVAQYPFEV	35	18935
>PTEN-D92V·CRVAQYPFEC	3049	>PTEN-D92V·CRVAQYPFEV	213	2836
>PTEN-D92V·CRVAQYPFEC	4212	>PTEN-D92V·CRVAQYPFEV	469	3743
>PTEN-E150[ EALDFYGEV	224	>PTEN-E150[ DALDFYGEV	388	164
>PTEN-E150[ EALDFYGEV	188	>PTEN-E150[ DALDFYGEV	795	607
>PTEN-E150[ EALDFYGEVR	299	>PTEN-E150[ DALDFYGEVF	108	191
>PTEN-E150[ EALDFYGEVR	28	>PTEN-E150[ DALDFYGEVF	45	17
>PTEN-E150[ EALDFYGEV	11	>PTEN-E150[ DALDFYGEV	48	37
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>PTEN-E150[ QEALDFYGEV	22	>PTEN-E150[ QDALDFYGEV	1134	1112
>PTEN-E150[ QEALDFYGEV	112	>PTEN-E150[ QDALDFYGEV	15238	15126
>PTEN-E150[ QEALDFYGEV	426	>PTEN-E150[ QDALDFYGEV	11540	11114
>PTEN-E150[ QEALDFYGEV	361	>PTEN-E150[ QDALDFYGEV	15233	14872
>PTEN-E150[ QEALDFYGEV	116	>PTEN-E150[ QDALDFYGEV	2802	2686
>PTEN-E150[ QEALDFYGEV	3559	>PTEN-E150[ QDALDFYGEV	57	3502
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>PTEN-E150[ AQEALDFYGE	1377	>PTEN-E150[ AQDALDFYGI	131	1246
>PTEN-E150[ AQEALDFYGE	422	>PTEN-E150[ AQDALDFYGI	165	257

>PTEN-E150[ AQEALDFYG	2516	>PTEN-E150[ AQDALDFYG	410	2106
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>PTEN-E150[ AQEALDFYGE	942	>PTEN-E150[ AQDALDFYGI	52	890
>PTEN-E150[ AQEALDFYGE	2939	>PTEN-E150[ AQDALDFYGI	434	2505
>PTEN-E150[ AQEALDFYGE	2325	>PTEN-E150[ AQDALDFYGI	87	2238
>PTEN-E150[ AQEALDFY	178	>PTEN-E150[ AQDALDFY	244	66
>PTEN-E150[ AQEALDFY	912	>PTEN-E150[ AQDALDFY	374	538
>PTEN-E150[ AQEALDFY	421	>PTEN-E150[ AQDALDFY	659	238
>PTEN-E150[ KAQEALDFY	271	>PTEN-E150[ KAQDALDFY	362	91
>PTEN-E150[ KAQEALDFY	46	>PTEN-E150[ KAQDALDFY	32	14
>PTEN-E150[ KAQEALDF	309	>PTEN-E150[ KAQDALDF	397	88
>PTEN-E150[ KAQEALDF	30	>PTEN-E150[ KAQDALDF	42	12
>PTEN-E150[ KAQEALDFY	139	>PTEN-E150[ KAQDALDFY	123	16
>PTEN-E150[ KAQEALDFY	481	>PTEN-E150[ KAQDALDFY	1062	581
>PTEN-E150[ KAQEALDF	133	>PTEN-E150[ KAQDALDF	180	47
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>PTEN-E150[ LKAQEALDF	6	>PTEN-E150[ LKAQDALDF	7	1
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>PTEN-E150[ FLKAQEAL	579	>PTEN-E150[ FLKAQDAL	337	242
>PTEN-E150[ FLKAQEALDF	108	>PTEN-E150[ FLKAQDALDF	48	60
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>PTEN-E150[ KFLKAQEAL	154	>PTEN-E150[ KFLKAQDAL	143	11
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>PTEN-E150I GKFLKAQEAL	109	>PTEN-E150I GKFLKAQDAL	268	159
>PTEN-E150I RGKFLKAQEA	193	>PTEN-E150I RGKFLKAQD/	674	481
>PTEN-E150C EALDFYGEV	224	>PTEN-E150C GALDFYGEV	242	18
>PTEN-E150C EALDFYGEV	1339	>PTEN-E150C GALDFYGEV	136	1203
>PTEN-E150C EALDFYGEV	188	>PTEN-E150C GALDFYGEV	30	158
>PTEN-E150C EALDFYGEV	3175	>PTEN-E150C GALDFYGEV	230	2945
>PTEN-E150C EALDFYGEV	810	>PTEN-E150C GALDFYGEV	80	730
>PTEN-E150C EALDFYGEVR	299	>PTEN-E150C GALDFYGEV F	2388	2089
>PTEN-E150C EALDFYGEVR	28	>PTEN-E150C GALDFYGEV F	274	246
>PTEN-E150C EALDFYGEV	11	>PTEN-E150C GALDFYGEV	2778	2767
>PTEN-E150C EALDFYGEV	4	>PTEN-E150C GALDFYGEV	126	122
>PTEN-E150C QEALDFYGEV	22	>PTEN-E150C QGALDFYGEV	12305	12283
>PTEN-E150C QEALDFYGEV	112	>PTEN-E150C QGALDFYGEV	32181	32069
>PTEN-E150C QEALDFYGEV	426	>PTEN-E150C QGALDFYGEV	28291	27865
>PTEN-E150C QEALDFYGEV	361	>PTEN-E150C QGALDFYGEV	30706	30345
>PTEN-E150C QEALDFYGEV	116	>PTEN-E150C QGALDFYGEV	20027	19911
>PTEN-E150C AQEALDFYGE	1377	>PTEN-E150C AQGALDFYGI	447	930
>PTEN-E150C AQEALDFYGE	422	>PTEN-E150C AQGALDFYGI	185	237
>PTEN-E150C AQEALDFYGE	1416	>PTEN-E150C AQGALDFYGI	407	1009
>PTEN-E150C AQEALDFYGE	39	>PTEN-E150C AQGALDFYGI	37	2
>PTEN-E150C AQEALDFYGE	942	>PTEN-E150C AQGALDFYGI	130	812
>PTEN-E150C AQEALDFYGE	2325	>PTEN-E150C AQGALDFYGI	203	2122
>PTEN-E150C AQEALDFY	178	>PTEN-E150C AQGALDFY	108	70
>PTEN-E150C AQEALDFY	912	>PTEN-E150C AQGALDFY	90	822
>PTEN-E150C AQEALDFY	421	>PTEN-E150C AQGALDFY	80	341
>PTEN-E150C KAQEALDFY	271	>PTEN-E150C KAQGALDFY	184	87
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>PTEN-E150C KAQEALDFY	139	>PTEN-E150C KAQGALDFY	218	79
>PTEN-E150C KAQEALDFY	481	>PTEN-E150C KAQGALDFY	292	189
>PTEN-E150C KAQEALDF	133	>PTEN-E150C KAQGALDF	114	19
>PTEN-E150C KAQEALDFY	195	>PTEN-E150C KAQGALDFY	191	4
>PTEN-E150C KAQEALDFY	1326	>PTEN-E150C KAQGALDFY	405	921
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>PTEN-E150C LKAQEALDFY	85	>PTEN-E150C LKAQGALDFY	103	18
>PTEN-E150C FLKAQEAL	179	>PTEN-E150C FLKAQGAL	624	445
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>PTEN-E150C FLKAQEAL	8	>PTEN-E150C FLKAQGAL	5	3
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>PTEN-E150(FLKAQEALDF	209	>PTEN-E150(FLKAQGALDF	209	0
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>PTEN-E150(FLKAQEALDF	78	>PTEN-E150(FLKAQGALDF	38	40
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>PTEN-E150(KFLKAQEAL	37	>PTEN-E150(KFLKAQGAL	44	7
>PTEN-E150(KFLKAQEALD	9	>PTEN-E150(KFLKAQGALD	9	0
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>PTEN-E150(KFLKAQEAL	2878	>PTEN-E150(KFLKAQGAL	395	2483
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>PTEN-E150(KFLKAQEAL	257	>PTEN-E150(KFLKAQGAL	231	26
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>PTEN-E150(RGKFLKAQEA	193	>PTEN-E150(RGKFLKAQGA	319	126
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>PTEN-E150(EALDFYGEV	1339	>PTEN-E150(QALDFYGEV	172	1167
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>PTEN-E150(EALDFYGEV	810	>PTEN-E150(QALDFYGEV	409	401
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>PTEN-E150(EALDFYGEV	11	>PTEN-E150(QALDFYGEV	44	33
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>PTEN-E150(QEALDFYGEV	22	>PTEN-E150(QQALDFYGEV	1655	1633
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>PTEN-E150(QEALDFYGEV	7274	>PTEN-E150(QQALDFYGEV	194	7080
>PTEN-E150(QEALDFYGEV	112	>PTEN-E150(QQALDFYGEV	18530	18418
>PTEN-E150(QEALDFYGEV	426	>PTEN-E150(QQALDFYGEV	16027	15601

>PTEN-E150CQEALDFYGEV	361	>PTEN-E150CQQALDFYGEV	18032	17671
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>PTEN-E150CQEALDFYGEV	931	>PTEN-E150CQQALDFYGEV	430	501
>PTEN-E150CAQEALDFYGE	1377	>PTEN-E150CAQQALDFYGE	250	1127
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>PTEN-E150CAQEALDFYGE	1416	>PTEN-E150CAQQALDFYGE	274	1142
>PTEN-E150CAQEALDFYGE	39	>PTEN-E150CAQQALDFYGE	24	15
>PTEN-E150CAQEALDFYGE	942	>PTEN-E150CAQQALDFYGE	203	739
>PTEN-E150CAQEALDFY	178	>PTEN-E150CAQQALDFY	61	117
>PTEN-E150CAQEALDFY	421	>PTEN-E150CAQQALDFY	67	354
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>PTEN-E150CKAQEALDFY	271	>PTEN-E150CKAQQALDFY	310	39
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>PTEN-E150CKAQEALDFY	139	>PTEN-E150CKAQQALDFY	130	9
>PTEN-E150CKAQEALDFY	481	>PTEN-E150CKAQQALDFY	398	83
>PTEN-E150CKAQEALDF	133	>PTEN-E150CKAQQALDF	100	33
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>PTEN-E150FLKAQEALDF	548	>PTEN-E150FLKAQQALDF	407	141
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>PTEN-E150C RGKFLKAQEA	193	>PTEN-E150C RGKFLKAQQ/	193	0
>PTEN-E150C RGKFLKAQEA	1102	>PTEN-E150C RGKFLKAQQ/	194	908
>PTEN-E242K EFPQPLPV	296	>PTEN-E242K KFPQPLPV	508	212
>PTEN-E242K EFPQPLPV	3549	>PTEN-E242K KFPQPLPV	369	3180
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>PTEN-E242K FMYFEFPQ	195	>PTEN-E242K FMYFKFPQ	147	48
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>PTEN-E242K FMYFEFPQ	139	>PTEN-E242K FMYFKFPQ	228	89
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>PTEN-E242K FMYFEFPQPL	3	>PTEN-E242K FMYFKFPQPL	3	0
>PTEN-E242K FMYFEFPQ	310	>PTEN-E242K FMYFKFPQ	312	2
>PTEN-E242K FMYFEFPQPL	43	>PTEN-E242K FMYFKFPQPL	85	42
>PTEN-E242K FMYFEFPQPL	83	>PTEN-E242K FMYFKFPQPL	89	6
>PTEN-E242K FMYFEFPQPL	250	>PTEN-E242K FMYFKFPQPL	248	2
>PTEN-E242K FMYFEFPQ	357	>PTEN-E242K FMYFKFPQ	694	337
>PTEN-E242K FMYFEFPQPL	6	>PTEN-E242K FMYFKFPQPL	10	4
>PTEN-E242K FMYFEFPQPL	56	>PTEN-E242K FMYFKFPQPL	130	74
>PTEN-E242K FMYFEFPQPL	120	>PTEN-E242K FMYFKFPQPL	136	16
>PTEN-E242K KFMYPEFPQF	235	>PTEN-E242K KFMYPEFPQF	283	48
>PTEN-E242K KFMYPEFPQF	74	>PTEN-E242K KFMYPEFPQF	132	58
>PTEN-E242K KFMYPEFPQF	433	>PTEN-E242K KFMYPEFPQF	402	31
>PTEN-E242K KFMYPEFPQF	348	>PTEN-E242K KFMYPEFPQF	430	82
>PTEN-E242K KFMYPEFPQF	343	>PTEN-E242K KFMYPEFPQF	193	150
>PTEN-E242K KFMYPEFPQF	548	>PTEN-E242K KFMYPEFPQF	276	272
>PTEN-E242K KFMYPEFPQF	31	>PTEN-E242K KFMYPEFPQF	41	10
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>PTEN-E242K KFMYPEFP	152	>PTEN-E242K KFMYPEFP	127	25
>PTEN-E242K KFMYPEFPQF	96	>PTEN-E242K KFMYPEFPQF	72	24
>PTEN-E242K DKFMYFEF	10	>PTEN-E242K DKFMYFKF	14	4
>PTEN-E242K DKFMYFEF	149	>PTEN-E242K DKFMYFKF	238	89
>PTEN-E242K EDKMYFE	16581	>PTEN-E242K EDKMYFK	150	16431
>PTEN-E242K REDKMYFEF	366	>PTEN-E242K REDKMYFKF	1726	1360
>PTEN-E242K RREDKMYFE	195	>PTEN-E242K RREDKMYFK	363	168
>PTEN-E242K RREDKMYFE	714	>PTEN-E242K RREDKMYFK	309	405
>PTEN-E242K RREDKMYFE	87	>PTEN-E242K RREDKMYFK	135	48
>PTEN-E242K RREDKMYFE	23	>PTEN-E242K RREDKMYFK	33	10
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>PTEN-E256K EFFHKQNK	8722	>PTEN-E256K KFFHKQNK	176	8546
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>PTEN-E256K EFFHKQNK	3677	>PTEN-E256K KFFHKQNK	179	3498
>PTEN-E256K EFFHKQNK	1867	>PTEN-E256K KFFHKQNK	165	1702
>PTEN-E256K EFFHKQNK	8004	>PTEN-E256K KFFHKQNK	11	7993
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>PTEN-E256K EFFHKQNK	1891	>PTEN-E256K KFFHKQNK	23	1868
>PTEN-E256K EFFHKQNK	2128	>PTEN-E256K KFFHKQNK	23	2105
>PTEN-E256K EFFHKQNK	240	>PTEN-E256K KFFHKQNK	8575	8335

>PTEN-E256K EFFHKQNKM	159	>PTEN-E256K KFFHKQNKM	5399	5240
>PTEN-E256K EFFHKQNK	120	>PTEN-E256K KFFHKQNK	8589	8469
>PTEN-E256K EFFHKQNKM	31	>PTEN-E256K KFFHKQNKM	2650	2619
>PTEN-E256K EFFHKQNK	501	>PTEN-E256K KFFHKQNK	45	456
>PTEN-E256K EFFHKQNKM	204	>PTEN-E256K KFFHKQNKM	29	175
>PTEN-E256K VEFFHKQNKI	136	>PTEN-E256K VKFFHKQNKI	7817	7681
>PTEN-E256K VEFFHKQNKI	1271	>PTEN-E256K VKFFHKQNKI	25	1246
>PTEN-E256K VEFFHKQNKI	1072	>PTEN-E256K VKFFHKQNKI	20	1052
>PTEN-E256K VEFFHKQNKI	417	>PTEN-E256K VKFFHKQNKI	22028	21611
>PTEN-E256K VEFFHKQNKI	42	>PTEN-E256K VKFFHKQNKI	16690	16648
>PTEN-E256K VEFFHKQNKI	116	>PTEN-E256K VKFFHKQNKI	21600	21484
>PTEN-E256K VEFFHKQNKI	451	>PTEN-E256K VKFFHKQNKI	26907	26456
>PTEN-E256K VEFFHKQNKI	82	>PTEN-E256K VKFFHKQNKI	18161	18079
>PTEN-E256K KVEFFHKQ	5209	>PTEN-E256K KVKFFHKQ	31	5178
>PTEN-E256K KVEFFHKQNK	22	>PTEN-E256K KVKFFHKQNK	3	19
>PTEN-E256K KVEFFHKQNK	2228	>PTEN-E256K KVKFFHKQNK	10	2218
>PTEN-E256K KVEFFHKQNK	184	>PTEN-E256K KVKFFHKQNK	118	66
>PTEN-E256K IKVEFFHK	330	>PTEN-E256K IKVFFHK	286	44
>PTEN-E256K IKVEFFHKQN	265	>PTEN-E256K IKVFFHKQN	202	63
>PTEN-E256K IKVEFFHK	531	>PTEN-E256K IKVFFHK	472	59
>PTEN-E256K PVCGDIKVEF	395	>PTEN-E256K PVCGDIKVKF	463	68
>PTEN-E256K PVCGDIKVEF	21	>PTEN-E256K PVCGDIKVKF	35	14
>PTEN-E256K LPVCGDIKVEI	35	>PTEN-E256K LPVCGDIKVKI	82	47
>PTEN-E256K LPVCGDIKVEI	484	>PTEN-E256K LPVCGDIKVKI	1623	1139
>PTEN-E256K LPVCGDIKVEI	9	>PTEN-E256K LPVCGDIKVKI	16	7
>PTEN-E256K LPVCGDIKVEI	26	>PTEN-E256K LPVCGDIKVKI	31	5
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>PTEN-E256K LPVCGDIKVEI	18	>PTEN-E256K LPVCGDIKVKI	27	9
>PTEN-E284K WVNTFFIPGF	20137	>PTEN-E284K WVNTFFIPGF	374	19763
>PTEN-E284K WVNTFFIPGF	21432	>PTEN-E284K WVNTFFIPGF	52	21380
>PTEN-E284K WVNTFFIPGF	15538	>PTEN-E284K WVNTFFIPGF	177	15361
>PTEN-E284K FIPGPEETSEK	271	>PTEN-E284K FIPGPKETSEK	329	58
>PTEN-E284K TFFIPGPE	27396	>PTEN-E284K TFFIPGPK	166	27230
>PTEN-E284K TFFIPGPE	16603	>PTEN-E284K TFFIPGPK	451	16152
>PTEN-E284K TFFIPGPE	14239	>PTEN-E284K TFFIPGPK	345	13894
>PTEN-E284K TFFIPGPE	17453	>PTEN-E284K TFFIPGPK	482	16971
>PTEN-E284K NTFFIPGPE	19902	>PTEN-E284K NTFFIPGPK	150	19752
>PTEN-E284K NTFFIPGPE	22087	>PTEN-E284K NTFFIPGPK	21	22066
>PTEN-E284K NTFFIPGPE	14354	>PTEN-E284K NTFFIPGPK	190	14164
>PTEN-E284K NTFFIPGPE	8331	>PTEN-E284K NTFFIPGPK	225	8106
>PTEN-E284K NTFFIPGPE	323	>PTEN-E284K NTFFIPGPK	4	319
>PTEN-E284K NTFFIPGPE	412	>PTEN-E284K NTFFIPGPK	402	10
>PTEN-E284K NTFFIPGPEET	17	>PTEN-E284K NTFFIPGPKET	114	97

>PTEN-E284KNTFFIPGPE	10135	>PTEN-E284KNTFFIPGPK	268	9867
>PTEN-E288KEKVENGSL	556	>PTEN-E288KKKVENGSL	51	505
>PTEN-E288KSEKVENGSL	9538	>PTEN-E288SKKVENGSL	484	9054
>PTEN-E288KSEKVENGSL	372	>PTEN-E288SKKVENGSL	33904	33532
>PTEN-E288KSEKVENGSL	376	>PTEN-E288SKKVENGSL	24307	23931
>PTEN-E288KETSEKVENGS	198	>PTEN-E288ETSKKVENGS	393	195
>PTEN-E288KETSEKVENGS	103	>PTEN-E288ETSKKVENGS	218	115
>PTEN-E288KETSEKVENGS	222	>PTEN-E288ETSKKVENGS	619	397
>PTEN-E288KETSEKVENGS	22	>PTEN-E288ETSKKVENGS	48	26
>PTEN-E288KETSEKVENGS	94	>PTEN-E288ETSKKVENGS	718	624
>PTEN-E288KETSEKVENGS	388	>PTEN-E288ETSKKVENGS	939	551
>PTEN-E288KFIPGPEETSE	23564	>PTEN-E288FIPGPEETSK	53	23511
>PTEN-E288KFIPGPEETSEK	271	>PTEN-E288FIPGPEETSCK	376	105
>PTEN-E291KVENGLCDQI	73	>PTEN-E291VKNGSLCDQI	4012	3939
>PTEN-E291KVENGLCDQI	5653	>PTEN-E291VKNGSLCDQI	457	5196
>PTEN-E291KVENGLCDQI	295	>PTEN-E291VKNGSLCDQI	22913	22618
>PTEN-E291KVENGLCDQI	243	>PTEN-E291VKNGSLCDQI	26851	26608
>PTEN-E291KVENGLCDQI	106	>PTEN-E291VKNGSLCDQI	17400	17294
>PTEN-E291KVENGSLC	10108	>PTEN-E291KVKNGSLC	201	9907
>PTEN-E291KVENGSLCD	9660	>PTEN-E291KVKNGSLCD	337	9323
>PTEN-E291KVENGSLCDC	7769	>PTEN-E291KVKNGSLCDC	75	7694
>PTEN-E291KEKVENGSL	556	>PTEN-E291EKVKNGSL	450	106
>PTEN-E291KSEKVENGSL	372	>PTEN-E291SEKVKNGSL	348	24
>PTEN-E291KSEKVENGSL	376	>PTEN-E291SEKVKNGSL	905	529
>PTEN-E291KETSEKVENGS	198	>PTEN-E291ETSEKVKNGS	204	6
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>PTEN-E291KETSEKVENGS	222	>PTEN-E291ETSEKVKNGS	131	91
>PTEN-E291KETSEKVENGS	22	>PTEN-E291ETSEKVKNGS	40	18
>PTEN-E291KETSEKVENGS	94	>PTEN-E291ETSEKVKNGS	235	141
>PTEN-E291KETSEKVENGS	388	>PTEN-E291ETSEKVKNGS	186	202
>PTEN-E307KERADNDKEYI	385	>PTEN-E307KRADNDKEYI	15140	14755
>PTEN-E307KERADNDKEY	1449	>PTEN-E307KRADNDKEY	260	1189
>PTEN-E307KERADNDKEYI	1982	>PTEN-E307KRADNDKEYI	303	1679
>PTEN-E307KERADNDKEYI	6794	>PTEN-E307KRADNDKEYI	444	6350
>PTEN-E307KIERADNDKEY	360	>PTEN-E307IKRADNDKEY	9	351
>PTEN-E307KIERADNDKEY	2681	>PTEN-E307IKRADNDKEY	64	2617
>PTEN-E307KIERADNDKEY	182	>PTEN-E307IKRADNDKEY	19656	19474
>PTEN-E307KIERADNDKEY	216	>PTEN-E307IKRADNDKEY	22003	21787
>PTEN-E307KSIERADNDK	4570	>PTEN-E307SIKRADNDK	21	4549
>PTEN-E307KSIERADNDKE	861	>PTEN-E307SIKRADNDKE	498	363
>PTEN-E307KSIERADNDKE	6450	>PTEN-E307SIKRADNDKE	304	6146
>PTEN-E307KSIERADNDKE	933	>PTEN-E307SIKRADNDKE	385	548
>PTEN-E307KDSICSIER	79	>PTEN-E307DSICSIKR	131	52

>PTEN-E307†DSICSIER	9	>PTEN-E307†DSICSIKR	15	6
>PTEN-E307†DSICSIERA	79	>PTEN-E307†DSICSIKRA	2061	1982
>PTEN-E307†EIDSICSIER	479	>PTEN-E307†EIDSICSIKR	407	72
>PTEN-E307†EIDSICSIE	5137	>PTEN-E307†EIDSICSIK	20	5117
>PTEN-E307†EIDSICSIER	38	>PTEN-E307†EIDSICSIKR	40	2
>PTEN-E307†QEIDSICSIER	281	>PTEN-E307†QEIDSICSIKR	148	133
>PTEN-E314†EYLVLTTLK	4113	>PTEN-E314†KYLVLTLTK	274	3839
>PTEN-E314†EYLVLTTLK	1155	>PTEN-E314†KYLVLTLTK	163	992
>PTEN-E314†EYLVLTTLK	1580	>PTEN-E314†KYLVLTLTK	285	1295
>PTEN-E314†EYLVLTTLK	2838	>PTEN-E314†KYLVLTLTK	5	2833
>PTEN-E314†EYLVLTTLK	5855	>PTEN-E314†KYLVLTLTK	184	5671
>PTEN-E314†EYLVLTTLK	427	>PTEN-E314†KYLVLTLTK	12335	11908
>PTEN-E314†EYLVLTTLK	85	>PTEN-E314†KYLVLTLTK	19	66
>PTEN-E314†KEYLVLTTL	101	>PTEN-E314†KKYLVLTTL	7442	7341
>PTEN-E314†KEYLVLTTLK	523	>PTEN-E314†KKYLVLTTLK	272	251
>PTEN-E314†KEYLVLTTL	154	>PTEN-E314†KKYLVLTTL	308	154
>PTEN-E314†KEYLVLTTL	674	>PTEN-E314†KKYLVLTTL	18	656
>PTEN-E314†KEYLVLTTLK	6944	>PTEN-E314†KKYLVLTTLK	209	6735
>PTEN-E314†KEYLVLTTL	191	>PTEN-E314†KKYLVLTTL	16300	16109
>PTEN-E314†KEYLVLTTL	13	>PTEN-E314†KKYLVLTTL	11208	11195
>PTEN-E314†KEYLVLTTL	16	>PTEN-E314†KKYLVLTTL	6942	6926
>PTEN-E314†KEYLVLTTL	69	>PTEN-E314†KKYLVLTTL	20862	20793
>PTEN-E314†KEYLVLTTLK	249	>PTEN-E314†KKYLVLTTLK	28536	28287
>PTEN-E314†KEYLVLTTL	420	>PTEN-E314†KKYLVLTTL	26302	25882
>PTEN-E314†KEYLVLTTL	421	>PTEN-E314†KKYLVLTTL	30816	30395
>PTEN-E314†KEYLVLTTLK	454	>PTEN-E314†KKYLVLTTLK	19537	19083
>PTEN-E314†KEYLVLTTL	890	>PTEN-E314†KKYLVLTTL	432	458
>PTEN-E314†KEYLVLTTL	10	>PTEN-E314†KKYLVLTTL	6090	6080
>PTEN-E314†KEYLVLTTLTK	125	>PTEN-E314†KKYLVLTTLTK	20374	20249
>PTEN-E314†CSIERADNDK	27620	>PTEN-E314†CSIERADNDK	266	27354
>PTEN-E314†CSIERADNDK	15469	>PTEN-E314†CSIERADNDK	132	15337
>PTEN-E314†ADNDKEYLV	32	>PTEN-E314†ADNDKKYLV	42	10
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>PTEN-E314†RADNDKEYL	211	>PTEN-E314†RADNDKKYL	372	161
>PTEN-E314†RADNDKEY	195	>PTEN-E314†RADNDKKY	137	58
>PTEN-E314†ERADNDKEYL	385	>PTEN-E314†ERADNDKKYL	311	74
>PTEN-E314†IERADNDKEY	360	>PTEN-E314†IERADNDKKY	724	364
>PTEN-E314†IERADNDKEY	182	>PTEN-E314†IERADNDKKY	735	553
>PTEN-E314†IERADNDKEY	216	>PTEN-E314†IERADNDKKY	427	211
>PTEN-E73V-ERHYDTAKF	202	>PTEN-E73V-VRHYDTAKF	30	172
>PTEN-E73V-AERHYDTAK	16484	>PTEN-E73V-AVRHYDTAK	343	16141
>PTEN-E73V-AERHYDTAKF	22614	>PTEN-E73V-AVRHYDTAKF	298	22316
>PTEN-E73V-AERHYDTA	7314	>PTEN-E73V-AVRHYDTA	26	7288



>PTEN-E73V-AERHYDTAK	1510	>PTEN-E73V-AVRHYDTAK	6	1504
>PTEN-E73V-AERHYDTAKF	11091	>PTEN-E73V-AVRHYDTAKF	180	10911
>PTEN-E73V-AERHYDTAK	11488	>PTEN-E73V-AVRHYDTAK	311	11177
>PTEN-E73V-AERHYDTAKF	610	>PTEN-E73V-AVRHYDTAKF	185	425
>PTEN-E73V-AERHYDTAKF	33	>PTEN-E73V-AVRHYDTAKF	86	53
>PTEN-E73V-AERHYDTAKF	6005	>PTEN-E73V-AVRHYDTAKF	14	5991
>PTEN-E73V-AERHYDTA	84	>PTEN-E73V-AVRHYDTA	36395	36311
>PTEN-E73V-AERHYDTAKF	83	>PTEN-E73V-AVRHYDTAKF	17139	17056
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>PTEN-E73V-AERHYDTA	12	>PTEN-E73V-AVRHYDTA	18904	18892
>PTEN-E73V-AERHYDTAKF	258	>PTEN-E73V-AVRHYDTAKF	34953	34695
>PTEN-E73V-NHYKIYNLCA	22521	>PTEN-E73V-NHYKIYNLCA	293	22228
>PTEN-E73V-NHYKIYNLCA	678	>PTEN-E73V-NHYKIYNLCA	176	502
>PTEN-E73V-NHYKIYNLCA	13763	>PTEN-E73V-NHYKIYNLCA	205	13558
>PTEN-E73V-CAERHYDTAK	17480	>PTEN-E73V-CAVRHYDTAK	272	17208
>PTEN-E73V-CAERHYDTAK	4844	>PTEN-E73V-CAVRHYDTAK	476	4368
>PTEN-E73V-CAERHYDTAK	4092	>PTEN-E73V-CAVRHYDTAK	309	3783
>PTEN-E73V-CAERHYDTAK	2797	>PTEN-E73V-CAVRHYDTAK	320	2477
>PTEN-E73V-CAERHYDTAK	668	>PTEN-E73V-CAVRHYDTAK	198	470
>PTEN-E73V-CAERHYDTAK	9093	>PTEN-E73V-CAVRHYDTAK	178	8915
>PTEN-E73V-NLCAERHYDT	562	>PTEN-E73V-NLCAVRHYDT	361	201
>PTEN-E73V-NLCAERHYDT	647	>PTEN-E73V-NLCAVRHYDT	351	296
>PTEN-E73V-NLCAERHYDT	944	>PTEN-E73V-NLCAVRHYDT	266	678
>PTEN-E73V-NLCAERHYDT	387	>PTEN-E73V-NLCAVRHYDT	411	24
>PTEN-E73V-NLCAERHY	310	>PTEN-E73V-NLCAVRHY	143	167
>PTEN-E73V-NLCAERHY	346	>PTEN-E73V-NLCAVRHY	146	200
>PTEN-E73V-NLCAERHY	781	>PTEN-E73V-NLCAVRHY	440	341
>PTEN-E73V-YNLCAERHY	880	>PTEN-E73V-YNLCAVRHY	390	490
>PTEN-E73V-YNLCAERHY	1648	>PTEN-E73V-YNLCAVRHY	219	1429
>PTEN-E73V-YNLCAERHY	254	>PTEN-E73V-YNLCAVRHY	92	162
>PTEN-E73V-IYNLCAERHY	43	>PTEN-E73V-IYNLCAVRHY	44	1
>PTEN-E73V-IYNLCAERHY	212	>PTEN-E73V-IYNLCAVRHY	128	84
>PTEN-E73V-IYNLCAER	36	>PTEN-E73V-IYNLCAVR	34	2
>PTEN-E73V-IYNLCAER	62	>PTEN-E73V-IYNLCAVR	77	15
>PTEN-E73V-IYNLCAER	55	>PTEN-E73V-IYNLCAVR	29	26
>PTEN-E73V-KIYNLCAE	6597	>PTEN-E73V-KIYNLCAV	266	6331
>PTEN-E73V-KIYNLCAE	21240	>PTEN-E73V-KIYNLCAV	20	21220
>PTEN-E73V-KIYNLCAE	14850	>PTEN-E73V-KIYNLCAV	39	14811
>PTEN-E73V-KIYNLCAE	12944	>PTEN-E73V-KIYNLCAV	7	12937
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>PTEN-E73V-KIYNLCAE	9516	>PTEN-E73V-KIYNLCAV	3	9513
>PTEN-E73V-KIYNLCAE	15786	>PTEN-E73V-KIYNLCAV	15	15771
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>PTEN-E73V-KIYNLCAER	78	>PTEN-E73V-KIYNLCAVR	76	2
>PTEN-E73V-KIYNLCAERH'	107	>PTEN-E73V-KIYNLCAVRH'	60	47
>PTEN-E73V-KIYNLCAER	157	>PTEN-E73V-KIYNLCAVR	256	99
>PTEN-E73V-KIYNLCAERH'	233	>PTEN-E73V-KIYNLCAVRH'	181	52
>PTEN-E73V-KIYNLCAERH'	59	>PTEN-E73V-KIYNLCAVRH'	71	12
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>PTEN-E73V-KIYNLCAE	858	>PTEN-E73V-KIYNLCAV	82	776
>PTEN-E73V-KIYNLCAERH'	517	>PTEN-E73V-KIYNLCAVRH'	203	314
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>PTEN-E73V-KIYNLCAERH'	233	>PTEN-E73V-KIYNLCAVRH'	164	69
>PTEN-E73V-KIYNLCAERH'	76	>PTEN-E73V-KIYNLCAVRH'	42	34
>PTEN-E73V-KIYNLCAERH'	226	>PTEN-E73V-KIYNLCAVRH'	120	106
>PTEN-E73V-KIYNLCAERH'	132	>PTEN-E73V-KIYNLCAVRH'	79	53
>PTEN-E73V-KIYNLCAERH'	453	>PTEN-E73V-KIYNLCAVRH'	306	147
>PTEN-E73V-KIYNLCAERH'	1064	>PTEN-E73V-KIYNLCAVRH'	411	653
>PTEN-E73V-KIYNLCAER	40	>PTEN-E73V-KIYNLCAVR	25	15
>PTEN-E73V-YKIYNLCAE	18439	>PTEN-E73V-YKIYNLCAV	58	18381
>PTEN-E73V-YKIYNLCAE	28336	>PTEN-E73V-YKIYNLCAV	312	28024
>PTEN-E73V-YKIYNLCAE	17882	>PTEN-E73V-YKIYNLCAV	63	17819
>PTEN-E73V-YKIYNLCAE	469	>PTEN-E73V-YKIYNLCAV	12	457
>PTEN-E73V-YKIYNLCAER	117	>PTEN-E73V-YKIYNLCAVR	83	34
>PTEN-E73V-YKIYNLCAERH'	301	>PTEN-E73V-YKIYNLCAVRH'	125	176
>PTEN-E73V-HYKIYNLCAE	1095	>PTEN-E73V-HYKIYNLCAV	17	1078
>PTEN-E73V-HYKIYNLCAEI	120	>PTEN-E73V-HYKIYNLCAVI	125	5
>PTEN-E73V-HYKIYNLCAEI	9	>PTEN-E73V-HYKIYNLCAVI	10	1
>PTEN-E73V-HYKIYNLCAEI	13	>PTEN-E73V-HYKIYNLCAVI	16	3
>PTEN-E73V-HYKIYNLCAEI	272	>PTEN-E73V-HYKIYNLCAVI	361	89
>PTEN-E73V-HYKIYNLCAEI	26	>PTEN-E73V-HYKIYNLCAVI	18	8
>PTEN-E73V-HYKIYNLCAE	13214	>PTEN-E73V-HYKIYNLCAV	331	12883
>PTEN-E91A-EDHNPPQLEI	2168	>PTEN-E91A-ADHNPPQLEI	82	2086
>PTEN-E91A-EDHNPPQLEI	235	>PTEN-E91A-ADHNPPQLEI	86	149
>PTEN-E91A-FEDHNPPQLE	4239	>PTEN-E91A-FADHNPPQLI	462	3777
>PTEN-E91A-FEDHNPPQL	2367	>PTEN-E91A-FADHNPPQL	114	2253
>PTEN-E91A-FEDHNPPQLE	3627	>PTEN-E91A-FADHNPPQLI	236	3391
>PTEN-E91A-FEDHNPPQL	12581	>PTEN-E91A-FADHNPPQL	216	12365
>PTEN-E91A-FEDHNPPQL	22875	>PTEN-E91A-FADHNPPQL	210	22665
>PTEN-E91A-FEDHNPPQLE	23163	>PTEN-E91A-FADHNPPQLI	240	22923
>PTEN-E91A-FEDHNPPQL	169	>PTEN-E91A-FADHNPPQL	590	421
>PTEN-E91A-FEDHNPPQLE	275	>PTEN-E91A-FADHNPPQLI	918	643

>PTEN-E91A-FEDHNPPQL	116	>PTEN-E91A-FADHNPPQL	18401	18285
>PTEN-E91A-FEDHNPPQLE	47	>PTEN-E91A-FADHNPPQLI	15909	15862
>PTEN-E91A-FEDHNPPQL	314	>PTEN-E91A-FADHNPPQL	37028	36714
>PTEN-E91A-FEDHNPPQLE	186	>PTEN-E91A-FADHNPPQLI	33665	33479
>PTEN-E91A-FEDHNPPQL	128	>PTEN-E91A-FADHNPPQL	25131	25003
>PTEN-E91A-YPFEDHNPPC	43	>PTEN-E91A-YPFADHNPPC	12	31
>PTEN-E91A-YPFEDHNPPC	145	>PTEN-E91A-YPFADHNPPC	383	238
>PTEN-E91A-YPFEDHNPPC	145	>PTEN-E91A-YPFADHNPPC	111	34
>PTEN-E91A-YPFEDHNPP	145	>PTEN-E91A-YPFADHNPP	207	62
>PTEN-E91A-YPFEDHNPPC	43	>PTEN-E91A-YPFADHNPPC	51	8
>PTEN-E91A-YPFEDHNPPC	22	>PTEN-E91A-YPFADHNPPC	18	4
>PTEN-E91A-YPFEDHNPP	291	>PTEN-E91A-YPFADHNPP	129	162
>PTEN-E91A-AQYPFEDH	105	>PTEN-E91A-AQYPFADH	60	45
>PTEN-E91A-AQYPFEDHNI	263	>PTEN-E91A-AQYPFADHN	192	71
>PTEN-E91A-RVAQYPFE	19729	>PTEN-E91A-RVAQYPFA	439	19290
>PTEN-E91A-RVAQYPFE	20731	>PTEN-E91A-RVAQYPFA	275	20456
>PTEN-E91A-RVAQYPFE	13269	>PTEN-E91A-RVAQYPFA	57	13212
>PTEN-E91A-RVAQYPFE	3521	>PTEN-E91A-RVAQYPFA	80	3441
>PTEN-E91A-NCRVAQYPFI	3367	>PTEN-E91A-NCRVAQYPFA	96	3271
>PTEN-E91Q-EDHNPPQLEI	2168	>PTEN-E91Q-QDHNPPQLE	399	1769
>PTEN-E91Q-EDHNPPQLEI	235	>PTEN-E91Q-QDHNPPQLE	205	30
>PTEN-E91Q-FEDHNPPQL	16636	>PTEN-E91Q-FQDHNPPQL	80	16556
>PTEN-E91Q-FEDHNPPQLE	15557	>PTEN-E91Q-FQDHNPPQLI	56	15501
>PTEN-E91Q-FEDHNPPQLE	10323	>PTEN-E91Q-FQDHNPPQLI	355	9968
>PTEN-E91Q-FEDHNPPQ	13969	>PTEN-E91Q-FQDHNPPQ	356	13613
>PTEN-E91Q-FEDHNPPQL	6151	>PTEN-E91Q-FQDHNPPQL	35	6116
>PTEN-E91Q-FEDHNPPQLE	4239	>PTEN-E91Q-FQDHNPPQLI	18	4221
>PTEN-E91Q-FEDHNPPQL	2367	>PTEN-E91Q-FQDHNPPQL	40	2327
>PTEN-E91Q-FEDHNPPQLE	3627	>PTEN-E91Q-FQDHNPPQLI	79	3548
>PTEN-E91Q-FEDHNPPQL	10791	>PTEN-E91Q-FQDHNPPQL	98	10693
>PTEN-E91Q-FEDHNPPQLE	10554	>PTEN-E91Q-FQDHNPPQLI	140	10414
>PTEN-E91Q-FEDHNPPQL	7263	>PTEN-E91Q-FQDHNPPQL	322	6941
>PTEN-E91Q-FEDHNPPQLE	7964	>PTEN-E91Q-FQDHNPPQLI	383	7581
>PTEN-E91Q-FEDHNPPQL	169	>PTEN-E91Q-FQDHNPPQL	22	147
>PTEN-E91Q-FEDHNPPQLE	275	>PTEN-E91Q-FQDHNPPQLI	30	245
>PTEN-E91Q-FEDHNPPQL	116	>PTEN-E91Q-FQDHNPPQL	6108	5992
>PTEN-E91Q-FEDHNPPQLE	47	>PTEN-E91Q-FQDHNPPQLI	3102	3055
>PTEN-E91Q-FEDHNPPQL	314	>PTEN-E91Q-FQDHNPPQL	16527	16213
>PTEN-E91Q-FEDHNPPQLE	186	>PTEN-E91Q-FQDHNPPQLI	12268	12082
>PTEN-E91Q-FEDHNPPQL	128	>PTEN-E91Q-FQDHNPPQL	10915	10787
>PTEN-E91Q-YPFEDHNPPC	43	>PTEN-E91Q-YPFQDHNPPC	30	13
>PTEN-E91Q-YPFEDHNPPC	145	>PTEN-E91Q-YPFQDHNPPC	550	405
>PTEN-E91Q-YPFEDHNPPC	145	>PTEN-E91Q-YPFQDHNPPC	90	55

>PTEN-E91Q: YPFEDHNPP	145	>PTEN-E91Q: YPFQDHNPP	128	17
>PTEN-E91Q: YPFEDHNPPC	43	>PTEN-E91Q: YPFQDHNPPC	42	1
>PTEN-E91Q: YPFEDHNPPC	22	>PTEN-E91Q: YPFQDHNPPC	29	7
>PTEN-E91Q: YPFEDHNPP	291	>PTEN-E91Q: YPFQDHNPP	358	67
>PTEN-E91Q: AQYPFEDH	105	>PTEN-E91Q: AQYPFQDH	47	58
>PTEN-E91Q: AQYPFEDHNI	263	>PTEN-E91Q: AQYPFQDHN	232	31
>PTEN-F145I: FLKAQEAL	179	>PTEN-F145I: ILKAQEAL	2888	2709
>PTEN-F145I: FLKAQEAL	4	>PTEN-F145I: ILKAQEAL	29	25
>PTEN-F145I: FLKAQEALDF	370	>PTEN-F145I: ILKAQEALDF	4804	4434
>PTEN-F145I: FLKAQEAL	8	>PTEN-F145I: ILKAQEAL	109	101
>PTEN-F145I: FLKAQEAL	280	>PTEN-F145I: ILKAQEAL	4333	4053
>PTEN-F145I: FLKAQEAL	58	>PTEN-F145I: ILKAQEAL	567	509
>PTEN-F145I: FLKAQEAL	47	>PTEN-F145I: ILKAQEAL	1066	1019
>PTEN-F145I: FLKAQEAL	4	>PTEN-F145I: ILKAQEAL	24	20
>PTEN-F145I: FLKAQEALDF	98	>PTEN-F145I: ILKAQEALDF	412	314
>PTEN-F145I: FLKAQEALDF	209	>PTEN-F145I: ILKAQEALDF	47	162
>PTEN-F145I: FLKAQEALDF	122	>PTEN-F145I: ILKAQEALDF	93	29
>PTEN-F145I: FLKAQEAL	68	>PTEN-F145I: ILKAQEAL	555	487
>PTEN-F145I: FLKAQEAL	343	>PTEN-F145I: ILKAQEAL	637	294
>PTEN-F145I: FLKAQEALDF	105	>PTEN-F145I: ILKAQEALDF	182	77
>PTEN-F145I: FLKAQEALDF	105	>PTEN-F145I: ILKAQEALDF	189	84
>PTEN-F145I: FLKAQEALDF	108	>PTEN-F145I: ILKAQEALDF	733	625
>PTEN-F145I: FLKAQEALDF	78	>PTEN-F145I: ILKAQEALDF	433	355
>PTEN-F145I: FLKAQEALDF	37	>PTEN-F145I: ILKAQEALDF	66	29
>PTEN-F145I: KFLKAQEAL	154	>PTEN-F145I: KILKAQEAL	4792	4638
>PTEN-F145I: KFLKAQEAL	2598	>PTEN-F145I: KILKAQEAL	246	2352
>PTEN-F145I: KFLKAQEA	12344	>PTEN-F145I: KILKAQEA	308	12036
>PTEN-F145I: KFLKAQEAL	6636	>PTEN-F145I: KILKAQEAL	115	6521
>PTEN-F145I: KFLKAQEAL	8773	>PTEN-F145I: KILKAQEAL	275	8498
>PTEN-F145I: KFLKAQEAL	10397	>PTEN-F145I: KILKAQEAL	473	9924
>PTEN-F145I: KFLKAQEALD	77	>PTEN-F145I: KILKAQEALDI	3763	3686
>PTEN-F145I: KFLKAQEALD	345	>PTEN-F145I: KILKAQEALDI	5098	4753
>PTEN-F145I: KFLKAQEAL	37	>PTEN-F145I: KILKAQEAL	11069	11032
>PTEN-F145I: KFLKAQEALD	9	>PTEN-F145I: KILKAQEALDI	2058	2049
>PTEN-F145I: KFLKAQEA	464	>PTEN-F145I: KILKAQEA	348	116
>PTEN-F145I: KFLKAQEAL	1092	>PTEN-F145I: KILKAQEAL	57	1035
>PTEN-F145I: KFLKAQEALD	745	>PTEN-F145I: KILKAQEALDI	41	704
>PTEN-F145I: KFLKAQEALD	364	>PTEN-F145I: KILKAQEALDI	110	254
>PTEN-F145I: KFLKAQEALD	14527	>PTEN-F145I: KILKAQEALDI	364	14163
>PTEN-F145I: KFLKAQEALD	3095	>PTEN-F145I: KILKAQEALDI	344	2751
>PTEN-F145I: KFLKAQEAL	257	>PTEN-F145I: KILKAQEAL	14761	14504
>PTEN-F145I: ICAYLLHRGKI	187	>PTEN-F145I: ICAYLLHRGKI	1721	1534
>PTEN-F145I: GKFLKAQEAL	109	>PTEN-F145I: GKILKAQEAL	554	445

>PTEN-F145I·RGKFLKAQEA	193	>PTEN-F145I·RGKILKAQEA	348	155
>PTEN-F145I·LHRGKFLK	386	>PTEN-F145I·LHRGKILK	258	128
>PTEN-F145I·LLHRGKFL	274	>PTEN-F145I·LLHRGKIL	1705	1431
>PTEN-F145I·LLHRGKFL	288	>PTEN-F145I·LLHRGKIL	760	472
>PTEN-F145I·LLHRGKFLKA	194	>PTEN-F145I·LLHRGKILKA	167	27
>PTEN-F145I·LLHRGKFL	28	>PTEN-F145I·LLHRGKIL	304	276
>PTEN-F145I·LLHRGKFLKA	132	>PTEN-F145I·LLHRGKILKA	89	43
>PTEN-F145I·LLHRGKFL	353	>PTEN-F145I·LLHRGKIL	1439	1086
>PTEN-F145I·LLHRGKFL	204	>PTEN-F145I·LLHRGKIL	2078	1874
>PTEN-F145I·LLHRGKFL	8	>PTEN-F145I·LLHRGKIL	16	8
>PTEN-F145I·LLHRGKFLK	328	>PTEN-F145I·LLHRGKILK	1048	720
>PTEN-F145I·LLHRGKFLKA	8	>PTEN-F145I·LLHRGKILKA	7	1
>PTEN-F145I·LLHRGKFLKA	230	>PTEN-F145I·LLHRGKILKA	353	123
>PTEN-F145I·LLHRGKFLK	41	>PTEN-F145I·LLHRGKILK	41	0
>PTEN-F145I·LLHRGKFLK	63	>PTEN-F145I·LLHRGKILK	183	120
>PTEN-F145I·LLHRGKFLK	37	>PTEN-F145I·LLHRGKILK	18	19
>PTEN-F145I·LLHRGKFLK	69	>PTEN-F145I·LLHRGKILK	878	809
>PTEN-F145I·LLHRGKFLK	427	>PTEN-F145I·LLHRGKILK	1352	925
>PTEN-F145I·YLLHRGKF	12707	>PTEN-F145I·YLLHRGKI	216	12491
>PTEN-F145I·YLLHRGKFL	93	>PTEN-F145I·YLLHRGKIL	934	841
>PTEN-F145I·YLLHRGKFLK	86	>PTEN-F145I·YLLHRGKILKA	103	17
>PTEN-F145I·YLLHRGKFL	91	>PTEN-F145I·YLLHRGKIL	741	650
>PTEN-F145I·YLLHRGKFLK	446	>PTEN-F145I·YLLHRGKILKA	550	104
>PTEN-F145I·YLLHRGKF	5383	>PTEN-F145I·YLLHRGKI	44	5339
>PTEN-F145I·YLLHRGKFL	70	>PTEN-F145I·YLLHRGKIL	181	111
>PTEN-F145I·YLLHRGKFLK	44	>PTEN-F145I·YLLHRGKILKA	42	2
>PTEN-F145I·YLLHRGKF	2078	>PTEN-F145I·YLLHRGKI	355	1723
>PTEN-F145I·YLLHRGKFL	105	>PTEN-F145I·YLLHRGKIL	1484	1379
>PTEN-F145I·YLLHRGKFLK	66	>PTEN-F145I·YLLHRGKILKA	157	91
>PTEN-F145I·YLLHRGKF	1186	>PTEN-F145I·YLLHRGKI	10	1176
>PTEN-F145I·YLLHRGKFL	6	>PTEN-F145I·YLLHRGKIL	41	35
>PTEN-F145I·YLLHRGKFLK	12	>PTEN-F145I·YLLHRGKILKA	12	0
>PTEN-F145I·YLLHRGKF	6022	>PTEN-F145I·YLLHRGKI	40	5982
>PTEN-F145I·YLLHRGKFL	10	>PTEN-F145I·YLLHRGKIL	23	13
>PTEN-F145I·YLLHRGKFLK	39	>PTEN-F145I·YLLHRGKILKA	39	0
>PTEN-F145I·YLLHRGKF	8079	>PTEN-F145I·YLLHRGKI	40	8039
>PTEN-F145I·YLLHRGKFL	12	>PTEN-F145I·YLLHRGKIL	56	44
>PTEN-F145I·YLLHRGKFLK	17	>PTEN-F145I·YLLHRGKILKA	21	4
>PTEN-F145I·YLLHRGKFL	58	>PTEN-F145I·YLLHRGKIL	983	925
>PTEN-F145I·YLLHRGKFLK	317	>PTEN-F145I·YLLHRGKILKA	242	75
>PTEN-F145I·YLLHRGKF	3024	>PTEN-F145I·YLLHRGKI	12	3012
>PTEN-F145I·YLLHRGKFL	6	>PTEN-F145I·YLLHRGKIL	14	8
>PTEN-F145I·YLLHRGKFLK	296	>PTEN-F145I·YLLHRGKILK	741	445

>PTEN-F145I·YLLHRGKFLK/	8	>PTEN-F145I·YLLHRGKILKA	8	0
>PTEN-F145I·YLLHRGKFLK	28	>PTEN-F145I·YLLHRGKILK	23	5
>PTEN-F145I·YLLHRGKFLK	113	>PTEN-F145I·YLLHRGKILK	206	93
>PTEN-F145I·YLLHRGKFLK	316	>PTEN-F145I·YLLHRGKILK	1056	740
>PTEN-F145I·YLLHRGKF	412	>PTEN-F145I·YLLHRGKI	272	140
>PTEN-F145I·YLLHRGKFL	54	>PTEN-F145I·YLLHRGKIL	32	22
>PTEN-F145I·YLLHRGKFLK/	154	>PTEN-F145I·YLLHRGKILKA	364	210
>PTEN-F145I·YLLHRGKF	473	>PTEN-F145I·YLLHRGKI	10726	10253
>PTEN-F145I·YLLHRGKF	43	>PTEN-F145I·YLLHRGKI	1231	1188
>PTEN-F145I·YLLHRGKFL	478	>PTEN-F145I·YLLHRGKIL	212	266
>PTEN-F145I·YLLHRGKF	45	>PTEN-F145I·YLLHRGKI	1564	1519
>PTEN-F145I·YLLHRGKFL	278	>PTEN-F145I·YLLHRGKIL	136	142
>PTEN-F145I·YLLHRGKF	259	>PTEN-F145I·YLLHRGKI	7457	7198
>PTEN-F145I·YLLHRGKFLK	111	>PTEN-F145I·YLLHRGKILK	308	197
>PTEN-F145I·AYLLHRGKF	12179	>PTEN-F145I·AYLLHRGKI	228	11951
>PTEN-F145I·AYLLHRGKFLI	230	>PTEN-F145I·AYLLHRGKILK	448	218
>PTEN-F145I·AYLLHRGKF	418	>PTEN-F145I·AYLLHRGKI	2243	1825
>PTEN-F145I·AYLLHRGKFL	368	>PTEN-F145I·AYLLHRGKIL	602	234
>PTEN-F145I·AYLLHRGKF	8	>PTEN-F145I·AYLLHRGKI	15	7
>PTEN-F145I·AYLLHRGKFL	16	>PTEN-F145I·AYLLHRGKIL	36	20
>PTEN-F145I·AYLLHRGKFLI	25	>PTEN-F145I·AYLLHRGKILK	16	9
>PTEN-F145I·AYLLHRGKFLI	76	>PTEN-F145I·AYLLHRGKILK	323	247
>PTEN-F145I·AYLLHRGKFLI	305	>PTEN-F145I·AYLLHRGKILK	565	260
>PTEN-F145I·CAYLLHRGKF	119	>PTEN-F145I·CAYLLHRGKIL	82	37
>PTEN-F145I·CAYLLHRGKF	67	>PTEN-F145I·CAYLLHRGKI	4346	4279
>PTEN-F145I·CAYLLHRGKF	350	>PTEN-F145I·CAYLLHRGKIL	803	453
>PTEN-F145I·CAYLLHRGKF	350	>PTEN-F145I·CAYLLHRGKI	7916	7566
>PTEN-F145I·CAYLLHRGKF	25831	>PTEN-F145I·CAYLLHRGKI	120	25711
>PTEN-F145I·CAYLLHRGKF	185	>PTEN-F145I·CAYLLHRGKIL	269	84
>PTEN-F154L·FYGEVRTR	1479	>PTEN-F154L·LYGEVRTR	366	1113
>PTEN-F154L·FYGEVRTR	163	>PTEN-F154L·LYGEVRTR	257	94
>PTEN-F154L·FYGEVRTR	107	>PTEN-F154L·LYGEVRTR	145	38
>PTEN-F154L·DFYGEVRTR	31	>PTEN-F154L·DLYGEVRTR	134	103
>PTEN-F154L·DFYGEVRTR	408	>PTEN-F154L·DLYGEVRTR	186	222
>PTEN-F154L·DFYGEVRTR	291	>PTEN-F154L·DLYGEVRTR	1433	1142
>PTEN-F154L·KFLKAQEALD	77	>PTEN-F154L·KFLKAQEALD	1109	1032
>PTEN-F154L·KFLKAQEALD	345	>PTEN-F154L·KFLKAQEALD	2321	1976
>PTEN-F154L·KFLKAQEALD	9	>PTEN-F154L·KFLKAQEALD	58	49
>PTEN-F154L·KFLKAQEALD	364	>PTEN-F154L·KFLKAQEALD	5170	4806
>PTEN-F154L·KFLKAQEALD	1473	>PTEN-F154L·KFLKAQEALD	484	989
>PTEN-F154L·ALDFYGEV	41	>PTEN-F154L·ALDLYGEV	78	37
>PTEN-F154L·ALDFYGEV	17	>PTEN-F154L·ALDLYGEV	38	21
>PTEN-F154L·ALDFYGEV	34	>PTEN-F154L·ALDLYGEV	104	70

>PTEN-F154L ALDFYGEV	128	>PTEN-F154L ALDLYGEV	192	64
>PTEN-F154L ALDFYGEV	3	>PTEN-F154L ALDLYGEV	4	1
>PTEN-F154L ALDFYGEVRT	308	>PTEN-F154L ALDLYGEVRT	794	486
>PTEN-F154L ALDFYGEV	12	>PTEN-F154L ALDLYGEV	18	6
>PTEN-F154L ALDFYGEV	9	>PTEN-F154L ALDLYGEV	9	0
>PTEN-F154L ALDFYGEV	29	>PTEN-F154L ALDLYGEV	55	26
>PTEN-F154L ALDFYGEV	3	>PTEN-F154L ALDLYGEV	4	1
>PTEN-F154L ALDFYGEVRT	416	>PTEN-F154L ALDLYGEVRT	505	89
>PTEN-F154L EALDFYGEV	224	>PTEN-F154L EALDLYGEV	2003	1779
>PTEN-F154L EALDFYGEV	188	>PTEN-F154L EALDLYGEV	620	432
>PTEN-F154L EALDFYGEVR	299	>PTEN-F154L EALDLYGEVR	817	518
>PTEN-F154L EALDFYGEVR	28	>PTEN-F154L EALDLYGEVR	33	5
>PTEN-F154L EALDFYGEV	11	>PTEN-F154L EALDLYGEV	14	3
>PTEN-F154L EALDFYGEV	4	>PTEN-F154L EALDLYGEV	5	1
>PTEN-F154L QEALDFYGEV	22	>PTEN-F154L QEALDLYGEV	21	1
>PTEN-F154L QEALDFYGEV	112	>PTEN-F154L QEALDLYGEV	118	6
>PTEN-F154L QEALDFYGEV	426	>PTEN-F154L QEALDLYGEV	576	150
>PTEN-F154L QEALDFYGEV	361	>PTEN-F154L QEALDLYGEV	407	46
>PTEN-F154L QEALDFYGEV	116	>PTEN-F154L QEALDLYGEV	111	5
>PTEN-F154L AQEALDFYGE	422	>PTEN-F154L AQEALDLYGE	1095	673
>PTEN-F154L AQEALDFYGE	39	>PTEN-F154L AQEALDLYGE	70	31
>PTEN-F154L AQEALDFY	178	>PTEN-F154L AQEALDLY	571	393
>PTEN-F154L AQEALDFY	421	>PTEN-F154L AQEALDLY	542	121
>PTEN-F154L KAQEALDFY	271	>PTEN-F154L KAQEALDLY	3897	3626
>PTEN-F154L KAQEALDFY	46	>PTEN-F154L KAQEALDLY	139	93
>PTEN-F154L KAQEALDF	309	>PTEN-F154L KAQEALDL	6205	5896
>PTEN-F154L KAQEALDF	30	>PTEN-F154L KAQEALDL	166	136
>PTEN-F154L KAQEALDFY	139	>PTEN-F154L KAQEALDLY	159	20
>PTEN-F154L KAQEALDFY	481	>PTEN-F154L KAQEALDLY	675	194
>PTEN-F154L KAQEALDF	133	>PTEN-F154L KAQEALDL	2970	2837
>PTEN-F154L KAQEALDFY	195	>PTEN-F154L KAQEALDLY	165	30
>PTEN-F154L LKAQEALDF	6	>PTEN-F154L LKAQEALDL	156	150
>PTEN-F154L LKAQEALDFY	85	>PTEN-F154L LKAQEALDLY	112	27
>PTEN-F154L FLKAQEALDF	8599	>PTEN-F154L FLKAQEALDL	53	8546
>PTEN-F154L FLKAQEALDF	370	>PTEN-F154L FLKAQEALDL	798	428
>PTEN-F154L FLKAQEALDF	8577	>PTEN-F154L FLKAQEALDL	82	8495
>PTEN-F154L FLKAQEALDF	3025	>PTEN-F154L FLKAQEALDL	6	3019
>PTEN-F154L FLKAQEALDF	98	>PTEN-F154L FLKAQEALDL	66	32
>PTEN-F154L FLKAQEALDF	209	>PTEN-F154L FLKAQEALDL	526	317
>PTEN-F154L FLKAQEALDF	122	>PTEN-F154L FLKAQEALDL	186	64
>PTEN-F154L FLKAQEALDF	105	>PTEN-F154L FLKAQEALDL	2623	2518
>PTEN-F154L FLKAQEALDF	105	>PTEN-F154L FLKAQEALDL	140	35
>PTEN-F154L FLKAQEALDF	108	>PTEN-F154L FLKAQEALDL	2169	2061

>PTEN-F154L FLKAQEALDF	78	>PTEN-F154L FLKAQEALDL	61	17
>PTEN-F154L FLKAQEALDF	37	>PTEN-F154L FLKAQEALDL	1688	1651
>PTEN-F154L FLKAQEALDF	736	>PTEN-F154L FLKAQEALDL	316	420
>PTEN-F154S FYGEVRTR	1479	>PTEN-F154S SYGEVRTR	275	1204
>PTEN-F154S FYGEVRTR	163	>PTEN-F154S SYGEVRTR	363	200
>PTEN-F154S FYGEVRTR	107	>PTEN-F154S SYGEVRTR	74	33
>PTEN-F154S DFYGEVRTR	31	>PTEN-F154S DSYGEVRTR	156	125
>PTEN-F154S DFYGEVRTR	408	>PTEN-F154S DSYGEVRTR	42	366
>PTEN-F154S DFYGEVRTRC	2261	>PTEN-F154S DSYGEVRTRC	270	1991
>PTEN-F154S DFYGEVRTR	291	>PTEN-F154S DSYGEVRTR	4244	3953
>PTEN-F154S KFLKAQEALD	77	>PTEN-F154S KFLKAQEALD	22250	22173
>PTEN-F154S KFLKAQEALD	345	>PTEN-F154S KFLKAQEALD	22521	22176
>PTEN-F154S KFLKAQEALD	9	>PTEN-F154S KFLKAQEALD	7509	7500
>PTEN-F154S KFLKAQEALD	364	>PTEN-F154S KFLKAQEALD	22994	22630
>PTEN-F154S ALDFYGEV	41	>PTEN-F154S ALDSYGEV	40	1
>PTEN-F154S ALDFYGEV	17	>PTEN-F154S ALDSYGEV	17	0
>PTEN-F154S ALDFYGEV	34	>PTEN-F154S ALDSYGEV	29	5
>PTEN-F154S ALDFYGEV	128	>PTEN-F154S ALDSYGEV	96	32
>PTEN-F154S ALDFYGEV	3	>PTEN-F154S ALDSYGEV	2	1
>PTEN-F154S ALDFYGEVRT	308	>PTEN-F154S ALDSYGEVRT	165	143
>PTEN-F154S ALDFYGEV	12	>PTEN-F154S ALDSYGEV	10	2
>PTEN-F154S ALDFYGEV	9	>PTEN-F154S ALDSYGEV	7	2
>PTEN-F154S ALDFYGEV	29	>PTEN-F154S ALDSYGEV	23	6
>PTEN-F154S ALDFYGEV	3	>PTEN-F154S ALDSYGEV	2	1
>PTEN-F154S ALDFYGEVRT	416	>PTEN-F154S ALDSYGEVRT	155	261
>PTEN-F154S EALDFYGEV	224	>PTEN-F154S EALDSYGEV	4880	4656
>PTEN-F154S EALDFYGEV	188	>PTEN-F154S EALDSYGEV	912	724
>PTEN-F154S EALDFYGEVR	299	>PTEN-F154S EALDSYGEVR	1717	1418
>PTEN-F154S EALDFYGEVR	28	>PTEN-F154S EALDSYGEVR	49	21
>PTEN-F154S EALDFYGEV	11	>PTEN-F154S EALDSYGEV	20	9
>PTEN-F154S EALDFYGEV	4	>PTEN-F154S EALDSYGEV	6	2
>PTEN-F154S QEALDFYGEV	22	>PTEN-F154S QEALDSYGEV	30	8
>PTEN-F154S QEALDFYGEV	112	>PTEN-F154S QEALDSYGEV	112	0
>PTEN-F154S QEALDFYGEV	426	>PTEN-F154S QEALDSYGEV	634	208
>PTEN-F154S QEALDFYGEV	361	>PTEN-F154S QEALDSYGEV	718	357
>PTEN-F154S QEALDFYGEV	116	>PTEN-F154S QEALDSYGEV	204	88
>PTEN-F154S AQEALDFYGE	422	>PTEN-F154S AQEALDSYGE	1153	731
>PTEN-F154S AQEALDFYGE	39	>PTEN-F154S AQEALDSYGE	100	61
>PTEN-F154S AQEALDFY	178	>PTEN-F154S AQEALDSY	275	97
>PTEN-F154S AQEALDFY	421	>PTEN-F154S AQEALDSY	143	278
>PTEN-F154S KAQEALDFY	271	>PTEN-F154S KAQEALDSY	1366	1095
>PTEN-F154S KAQEALDFY	46	>PTEN-F154S KAQEALDSY	90	44
>PTEN-F154S KAQEALDFY	1537	>PTEN-F154S KAQEALDSY	287	1250



>PTEN-F154S KAQEALDF	309	>PTEN-F154S KAQEALDS	24332	24023
>PTEN-F154S KAQEALDF	30	>PTEN-F154S KAQEALDS	16044	16014
>PTEN-F154S KAQEALDFY	139	>PTEN-F154S KAQEALDSY	82	57
>PTEN-F154S KAQEALDFY	2684	>PTEN-F154S KAQEALDSY	482	2202
>PTEN-F154S KAQEALDFY	481	>PTEN-F154S KAQEALDSY	709	228
>PTEN-F154S KAQEALDF	133	>PTEN-F154S KAQEALDS	18048	17915
>PTEN-F154S KAQEALDFY	195	>PTEN-F154S KAQEALDSY	234	39
>PTEN-F154S KAQEALDFY	1085	>PTEN-F154S KAQEALDSY	330	755
>PTEN-F154S LKAQEALDF	6	>PTEN-F154S LKAQEALDS	6959	6953
>PTEN-F154S LKAQEALDFY	85	>PTEN-F154S LKAQEALDSY	24	61
>PTEN-F154S FLKAQEALDF	370	>PTEN-F154S FLKAQEALDS	992	622
>PTEN-F154S FLKAQEALDF	98	>PTEN-F154S FLKAQEALDS	316	218
>PTEN-F154S FLKAQEALDF	209	>PTEN-F154S FLKAQEALDS	336	127
>PTEN-F154S FLKAQEALDF	122	>PTEN-F154S FLKAQEALDS	903	781
>PTEN-F154S FLKAQEALDF	105	>PTEN-F154S FLKAQEALDS	15419	15314
>PTEN-F154S FLKAQEALDF	105	>PTEN-F154S FLKAQEALDS	60	45
>PTEN-F154S FLKAQEALDF	108	>PTEN-F154S FLKAQEALDS	15048	14940
>PTEN-F154S FLKAQEALDF	78	>PTEN-F154S FLKAQEALDS	35	43
>PTEN-F154S FLKAQEALDF	37	>PTEN-F154S FLKAQEALDS	16834	16797
>PTEN-F154S FLKAQEALDF	716	>PTEN-F154S FLKAQEALDS	241	475
>PTEN-F238L FMYFEFPQ	132	>PTEN-F238L LMYFEFPQ	1970	1838
>PTEN-F238L FMYFEFPQ	28	>PTEN-F238L LMYFEFPQ	374	346
>PTEN-F238L FMYFEFPQP	265	>PTEN-F238L LMYFEFPQP	3283	3018
>PTEN-F238L FMYFEFPQPL	379	>PTEN-F238L LMYFEFPQPL	3683	3304
>PTEN-F238L FMYFEFPQ	195	>PTEN-F238L LMYFEFPQ	1554	1359
>PTEN-F238L FMYFEFPQ	139	>PTEN-F238L LMYFEFPQ	699	560
>PTEN-F238L FMYFEFPQ	19	>PTEN-F238L LMYFEFPQ	128	109
>PTEN-F238L FMYFEFPQPL	2	>PTEN-F238L LMYFEFPQPL	3	1
>PTEN-F238L FMYFEFPQPL	175	>PTEN-F238L LMYFEFPQPL	1335	1160
>PTEN-F238L FMYFEFPQ	168	>PTEN-F238L LMYFEFPQ	1398	1230
>PTEN-F238L FMYFEFPQPL	3	>PTEN-F238L LMYFEFPQPL	8	5
>PTEN-F238L FMYFEFPQ	58	>PTEN-F238L LMYFEFPQ	510	452
>PTEN-F238L FMYFEFPQPL	5	>PTEN-F238L LMYFEFPQPL	10	5
>PTEN-F238L FMYFEFPQPL	7	>PTEN-F238L LMYFEFPQPL	23	16
>PTEN-F238L FMYFEFPQ	14	>PTEN-F238L LMYFEFPQ	66	52
>PTEN-F238L FMYFEFPQPL	3	>PTEN-F238L LMYFEFPQPL	5	2
>PTEN-F238L FMYFEFPQ	310	>PTEN-F238L LMYFEFPQ	1217	907
>PTEN-F238L FMYFEFPQPL	574	>PTEN-F238L LMYFEFPQPL	322	252
>PTEN-F238L FMYFEFPQPL	43	>PTEN-F238L LMYFEFPQPL	416	373
>PTEN-F238L FMYFEFPQPL	83	>PTEN-F238L LMYFEFPQPL	69	14
>PTEN-F238L FMYFEFPQPL	250	>PTEN-F238L LMYFEFPQPL	1352	1102
>PTEN-F238L FMYFEFPQ	357	>PTEN-F238L LMYFEFPQ	625	268
>PTEN-F238L FMYFEFPQPL	6	>PTEN-F238L LMYFEFPQPL	9	3

>PTEN-F238L FMYFEFPQPL	56	>PTEN-F238L LMYFEFPQPL	1017	961
>PTEN-F238L FMYFEFPQPL	120	>PTEN-F238L LMYFEFPQPL	162	42
>PTEN-F238L KFMYFEFPQF	235	>PTEN-F238L KLMYFEFPQF	248	13
>PTEN-F238L KFMYFEFPQ	17409	>PTEN-F238L KLMYFEFPQ	88	17321
>PTEN-F238L KFMYFEFPQF	799	>PTEN-F238L KLMYFEFPQF	7	792
>PTEN-F238L KFMYFEFP	6341	>PTEN-F238L KLMYFEFP	87	6254
>PTEN-F238L KFMYFEFPQ	4517	>PTEN-F238L KLMYFEFPQ	58	4459
>PTEN-F238L KFMYFEFPQF	74	>PTEN-F238L KLMYFEFPQF	4	70
>PTEN-F238L KFMYFEFPQF	7198	>PTEN-F238L KLMYFEFPQF	15	7183
>PTEN-F238L KFMYFEFPQF	2282	>PTEN-F238L KLMYFEFPQF	23	2259
>PTEN-F238L KFMYFEFPQF	3940	>PTEN-F238L KLMYFEFPQF	7	3933
>PTEN-F238L KFMYFEFPQF	3386	>PTEN-F238L KLMYFEFPQF	5	3381
>PTEN-F238L KFMYFEFPQF	9308	>PTEN-F238L KLMYFEFPQF	36	9272
>PTEN-F238L KFMYFEFPQF	10428	>PTEN-F238L KLMYFEFPQF	19	10409
>PTEN-F238L KFMYFEFPQF	18096	>PTEN-F238L KLMYFEFPQF	13	18083
>PTEN-F238L KFMYFEFPQF	433	>PTEN-F238L KLMYFEFPQF	5424	4991
>PTEN-F238L KFMYFEFPQF	348	>PTEN-F238L KLMYFEFPQF	13189	12841
>PTEN-F238L KFMYFEFPQF	343	>PTEN-F238L KLMYFEFPQF	727	384
>PTEN-F238L KFMYFEFPQF	31	>PTEN-F238L KLMYFEFPQF	6	25
>PTEN-F238L KFMYFEFPQF	745	>PTEN-F238L KLMYFEFPQF	34	711
>PTEN-F238L KFMYFEFPQF	492	>PTEN-F238L KLMYFEFPQF	2804	2312
>PTEN-F238L KFMYFEFP	152	>PTEN-F238L KLMYFEFP	6970	6818
>PTEN-F238L KFMYFEFPQF	96	>PTEN-F238L KLMYFEFPQF	7063	6967
>PTEN-F238L DKFMYFEF	10	>PTEN-F238L DKLMYFEF	31	21
>PTEN-F238L DKFMYFEF	149	>PTEN-F238L DKLMYFEF	426	277
>PTEN-F238L REDKFMYF	435	>PTEN-F238L REDKLMYF	1321	886
>PTEN-F238L REDKFMYF	373	>PTEN-F238L REDKLMYF	522	149
>PTEN-F238L REDKFMYF	26	>PTEN-F238L REDKLMYF	53	27
>PTEN-F238L REDKFMYFEF	366	>PTEN-F238L REDKLMYFEF	526	160
>PTEN-F238L REDKFMYF	250	>PTEN-F238L REDKLMYF	319	69
>PTEN-F238L REDKFMYF	214	>PTEN-F238L REDKLMYF	293	79
>PTEN-F238L RREDKFMYFE	195	>PTEN-F238L RREDKLMYFE	361	166
>PTEN-F238L RREDKFMYFE	87	>PTEN-F238L RREDKLMYFE	112	25
>PTEN-F238L RREDKFMYFE	23	>PTEN-F238L RREDKLMYFE	39	16
>PTEN-F238L TRREDKFMYF	74	>PTEN-F238L TRREDKLMYF	102	28
>PTEN-F238L PTRREDKFM\	892	>PTEN-F238L PTRREDKLM\	468	424
>PTEN-F238L PTRREDKFM\	460	>PTEN-F238L PTRREDKLM\	280	180
>PTEN-F238L GPTRREDKFM	420	>PTEN-F238L GPTRREDKLM	658	238
>PTEN-F238L SGPTRREDKFM	70	>PTEN-F238L SGPTRREDKLM	134	64
>PTEN-F238L SGPTRREDKFM	159	>PTEN-F238L SGPTRREDKLM	189	30
>PTEN-F241L FEFQPLPV	79	>PTEN-F241L LEFPQPLPV	101	22
>PTEN-F241L YFEFPQPL	17320	>PTEN-F241L YLEFPQPL	117	17203
>PTEN-F241L YFEFPQPL	4205	>PTEN-F241L YLEFPQPL	28	4177

>PTEN-F241L YFEFPQPL	17016	>PTEN-F241L YLEFPQPL	132	16884
>PTEN-F241L YFEFPQPL	8704	>PTEN-F241L YLEFPQPL	10	8694
>PTEN-F241L YFEFPQPLPV	1983	>PTEN-F241L YLEFPQPLPV	3	1980
>PTEN-F241L YFEFPQPLPVI	19194	>PTEN-F241L YLEFPQPLPVI	137	19057
>PTEN-F241L YFEFPQPL	12670	>PTEN-F241L YLEFPQPL	19	12651
>PTEN-F241L YFEFPQPLPV	5534	>PTEN-F241L YLEFPQPLPV	7	5527
>PTEN-F241L YFEFPQPL	16945	>PTEN-F241L YLEFPQPL	115	16830
>PTEN-F241L YFEFPQPLPV	5671	>PTEN-F241L YLEFPQPLPV	12	5659
>PTEN-F241L YFEFPQPL	20596	>PTEN-F241L YLEFPQPL	258	20338
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>PTEN-F241L YFEFPQPL	8304	>PTEN-F241L YLEFPQPL	4	8300
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>PTEN-F241L YFEFPQPLPVI	20953	>PTEN-F241L YLEFPQPLPVI	28	20925
>PTEN-F241L YFEFPQPLPV	3869	>PTEN-F241L YLEFPQPLPV	191	3678
>PTEN-F241L PTRREDKFM\	714	>PTEN-F241L PTRREDKFM\	83	631
>PTEN-F241L PTRREDKFM\	460	>PTEN-F241L PTRREDKFM\	3821	3361
>PTEN-F241L MYFEFPQPL	37	>PTEN-F241L MYLEFPQPL	112	75
>PTEN-F241L MYFEFPQPLF	484	>PTEN-F241L MYLEFPQPLP	1370	886
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>PTEN-F241L MYFEFPQPL	36	>PTEN-F241L MYLEFPQPL	337	301
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>PTEN-F241L MYFEFPQPLF	105	>PTEN-F241L MYLEFPQPLP	154	49
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>PTEN-F241L MYFEFPQPLF	643	>PTEN-F241L MYLEFPQPLP	361	282
>PTEN-F241L MYFEFPQPLF	103	>PTEN-F241L MYLEFPQPLP	119	16
>PTEN-F241L MYFEFPQPLF	37	>PTEN-F241L MYLEFPQPLP	77	40
>PTEN-F241L MYFEFPQP	745	>PTEN-F241L MYLEFPQP	416	329
>PTEN-F241L MYFEFPQPLF	278	>PTEN-F241L MYLEFPQPLP	180	98
>PTEN-F241L MYFEFPQPLF	51	>PTEN-F241L MYLEFPQPLP	96	45
>PTEN-F241L MYFEFPQPLF	436	>PTEN-F241L MYLEFPQPLP	1774	1338
>PTEN-F241L MYFEFPQPLF	45	>PTEN-F241L MYLEFPQPLP	1220	1175
>PTEN-F241L MYFEFPQPLF	141	>PTEN-F241L MYLEFPQPLP	73	68
>PTEN-F241L MYFEFPQPLF	261	>PTEN-F241L MYLEFPQPLP	1102	841
>PTEN-F241L MYFEFPQPLF	82	>PTEN-F241L MYLEFPQPLP	102	20
>PTEN-F241L FMYFEFPQ	132	>PTEN-F241L FMYLEFPQ	282	150
>PTEN-F241L FMYFEFPQ	28	>PTEN-F241L FMYLEFPQ	55	27
>PTEN-F241L FMYFEFPQP	265	>PTEN-F241L FMYLEFPQP	479	214
>PTEN-F241L FMYFEFPQPL	379	>PTEN-F241L FMYLEFPQPL	613	234
>PTEN-F241L FMYFEFPQ	195	>PTEN-F241L FMYLEFPQ	494	299
>PTEN-F241L FMYFEFPQ	139	>PTEN-F241L FMYLEFPQ	225	86
>PTEN-F241L FMYFEFPQ	19	>PTEN-F241L FMYLEFPQ	47	28
>PTEN-F241L FMYFEFPQPL	2	>PTEN-F241L FMYLEFPQPL	2	0
>PTEN-F241L FMYFEFPQPL	175	>PTEN-F241L FMYLEFPQPL	387	212

>PTEN-F241L FMYFEFPQ	168	>PTEN-F241L FMYLEFPQ	313	145
>PTEN-F241L FMYFEFPQPL	3	>PTEN-F241L FMYLEFPQPL	5	2
>PTEN-F241L FMYFEFPQ	58	>PTEN-F241L FMYLEFPQ	69	11
>PTEN-F241L FMYFEFPQPL	5	>PTEN-F241L FMYLEFPQPL	5	0
>PTEN-F241L FMYFEFPQPL	7	>PTEN-F241L FMYLEFPQPL	11	4
>PTEN-F241L FMYFEFPQ	14	>PTEN-F241L FMYLEFPQ	22	8
>PTEN-F241L FMYFEFPQPL	3	>PTEN-F241L FMYLEFPQPL	3	0
>PTEN-F241L FMYFEFPQ	310	>PTEN-F241L FMYLEFPQ	646	336
>PTEN-F241L FMYFEFPQPL	43	>PTEN-F241L FMYLEFPQPL	90	47
>PTEN-F241L FMYFEFPQPL	83	>PTEN-F241L FMYLEFPQPL	145	62
>PTEN-F241L FMYFEFPQPL	250	>PTEN-F241L FMYLEFPQPL	342	92
>PTEN-F241L FMYFEFPQ	357	>PTEN-F241L FMYLEFPQ	751	394
>PTEN-F241L FMYFEFPQPL	6	>PTEN-F241L FMYLEFPQPL	8	2
>PTEN-F241L FMYFEFPQPL	56	>PTEN-F241L FMYLEFPQPL	42	14
>PTEN-F241L FMYFEFPQPL	120	>PTEN-F241L FMYLEFPQPL	176	56
>PTEN-F241L KFMYLEFPQF	235	>PTEN-F241L KFMYLEFPQF	714	479
>PTEN-F241L KFMYLEFPQF	74	>PTEN-F241L KFMYLEFPQF	116	42
>PTEN-F241L KFMYLEFPQF	433	>PTEN-F241L KFMYLEFPQF	443	10
>PTEN-F241L KFMYLEFPQF	348	>PTEN-F241L KFMYLEFPQF	323	25
>PTEN-F241L KFMYLEFPQF	343	>PTEN-F241L KFMYLEFPQF	632	289
>PTEN-F241L KFMYLEFPQF	31	>PTEN-F241L KFMYLEFPQF	36	5
>PTEN-F241L KFMYLEFPQF	492	>PTEN-F241L KFMYLEFPQF	743	251
>PTEN-F241L KFMYLEFP	152	>PTEN-F241L KFMYLEFP	222	70
>PTEN-F241L KFMYLEFPQF	96	>PTEN-F241L KFMYLEFPQF	108	12
>PTEN-F241L DKFMYLEF	10	>PTEN-F241L DKFMYLEF	10	0
>PTEN-F241L DKFMYLEF	149	>PTEN-F241L DKFMYLEF	202	53
>PTEN-F241L REDKFMYL	435	>PTEN-F241L REDKFMYL	4718	4283
>PTEN-F241L REDKFMYL	373	>PTEN-F241L REDKFMYL	3481	3108
>PTEN-F241L REDKFMYL	26	>PTEN-F241L REDKFMYL	7	19
>PTEN-F241L REDKFMYLEF	366	>PTEN-F241L REDKFMYLEF	591	225
>PTEN-F241L REDKFMYL	250	>PTEN-F241L REDKFMYL	76	174
>PTEN-F241L REDKFMYL	214	>PTEN-F241L REDKFMYL	1254	1040
>PTEN-F241L RREDKFMYLE	195	>PTEN-F241L RREDKFMYLE	132	63
>PTEN-F241L RREDKFMYLE	87	>PTEN-F241L RREDKFMYLE	61	26
>PTEN-F241L RREDKFMYLE	23	>PTEN-F241L RREDKFMYLE	12	11
>PTEN-F241L TRREDKFMYL	74	>PTEN-F241L TRREDKFMYL	874	800
>PTEN-F241S YFEFPQPLPV	3869	>PTEN-F241S YSEFPQPLPV	271	3598
>PTEN-F241S YFEFPQPL	23767	>PTEN-F241S YSEFPQPL	30	23737
>PTEN-F241S YFEFPQPLPV	26662	>PTEN-F241S YSEFPQPLPV	483	26179
>PTEN-F241S PTRREDKFM\	714	>PTEN-F241S PTRREDKFM\	287	427
>PTEN-F241S PTRREDKFM\	460	>PTEN-F241S PTRREDKFM\	23060	22600
>PTEN-F241S MYFEFPQPLF	484	>PTEN-F241S MYSEFPQPLF	5448	4964
>PTEN-F241S MYFEFPQPLF	130	>PTEN-F241S MYSEFPQPLF	1166	1036

>PTEN-F241S MYFEFPQPLF	48	>PTEN-F241S MYSEFPQPLF	105	57
>PTEN-F241S MYFEFPQPLF	105	>PTEN-F241S MYSEFPQPLF	706	601
>PTEN-F241S MYFEFPQPLF	9	>PTEN-F241S MYSEFPQPLF	83	74
>PTEN-F241S MYFEFPQPLF	103	>PTEN-F241S MYSEFPQPLF	1073	970
>PTEN-F241S MYFEFPQPLF	37	>PTEN-F241S MYSEFPQPLF	113	76
>PTEN-F241S MYFEFPQPLF	278	>PTEN-F241S MYSEFPQPLF	940	662
>PTEN-F241S MYFEFPQPLF	51	>PTEN-F241S MYSEFPQPLF	267	216
>PTEN-F241S MYFEFPQPLF	436	>PTEN-F241S MYSEFPQPLF	4408	3972
>PTEN-F241S MYFEFPQPLF	45	>PTEN-F241S MYSEFPQPLF	204	159
>PTEN-F241S MYFEFPQPLF	141	>PTEN-F241S MYSEFPQPLF	746	605
>PTEN-F241S MYFEFPQPLF	261	>PTEN-F241S MYSEFPQPLF	1758	1497
>PTEN-F241S MYFEFPQPLF	82	>PTEN-F241S MYSEFPQPLF	97	15
>PTEN-F241S FMYFEFPQ	132	>PTEN-F241S FMYSEFPQ	92	40
>PTEN-F241S FMYFEFPQ	28	>PTEN-F241S FMYSEFPQ	22	6
>PTEN-F241S FMYFEFPQPL	379	>PTEN-F241S FMYSEFPQPL	282	97
>PTEN-F241S FMYFEFPQ	195	>PTEN-F241S FMYSEFPQ	158	37
>PTEN-F241S FMYFEFPQ	139	>PTEN-F241S FMYSEFPQ	53	86
>PTEN-F241S FMYFEFPQ	19	>PTEN-F241S FMYSEFPQ	15	4
>PTEN-F241S FMYFEFPQPL	2	>PTEN-F241S FMYSEFPQPL	1	1
>PTEN-F241S FMYFEFPQPL	175	>PTEN-F241S FMYSEFPQPL	105	70
>PTEN-F241S FMYFEFPQ	168	>PTEN-F241S FMYSEFPQ	132	36
>PTEN-F241S FMYFEFPQPL	3	>PTEN-F241S FMYSEFPQPL	3	0
>PTEN-F241S FMYFEFPQ	58	>PTEN-F241S FMYSEFPQ	27	31
>PTEN-F241S FMYFEFPQPL	5	>PTEN-F241S FMYSEFPQPL	4	1
>PTEN-F241S FMYFEFPQPL	7	>PTEN-F241S FMYSEFPQPL	6	1
>PTEN-F241S FMYFEFPQ	14	>PTEN-F241S FMYSEFPQ	7	7
>PTEN-F241S FMYFEFPQPL	3	>PTEN-F241S FMYSEFPQPL	2	1
>PTEN-F241S FMYFEFPQPL	710	>PTEN-F241S FMYSEFPQPL	236	474
>PTEN-F241S FMYFEFPQ	310	>PTEN-F241S FMYSEFPQ	446	136
>PTEN-F241S FMYFEFPQPL	43	>PTEN-F241S FMYSEFPQPL	32	11
>PTEN-F241S FMYFEFPQPL	83	>PTEN-F241S FMYSEFPQPL	70	13
>PTEN-F241S FMYFEFPQPL	250	>PTEN-F241S FMYSEFPQPL	145	105
>PTEN-F241S FMYFEFPQ	357	>PTEN-F241S FMYSEFPQ	123	234
>PTEN-F241S FMYFEFPQPL	6	>PTEN-F241S FMYSEFPQPL	3	3
>PTEN-F241S FMYFEFPQPL	1674	>PTEN-F241S FMYSEFPQPL	468	1206
>PTEN-F241S FMYFEFPQPL	56	>PTEN-F241S FMYSEFPQPL	20	36
>PTEN-F241S FMYFEFPQPL	120	>PTEN-F241S FMYSEFPQPL	141	21
>PTEN-F241S KFM YFEFPQF	235	>PTEN-F241S KFM YSEFPQF	1107	872
>PTEN-F241S KFM YFEFPQF	74	>PTEN-F241S KFM YSEFPQF	190	116
>PTEN-F241S KFM YFEFPQF	433	>PTEN-F241S KFM YSEFPQF	488	55
>PTEN-F241S KFM YFEFPQF	348	>PTEN-F241S KFM YSEFPQF	439	91
>PTEN-F241S KFM YFEFPQF	343	>PTEN-F241S KFM YSEFPQF	301	42
>PTEN-F241S KFM YFEFPQF	31	>PTEN-F241S KFM YSEFPQF	107	76

>PTEN-F241S KFM YFEFPQF	492	>PTEN-F241S KFM YSEFPQF	845	353
>PTEN-F241S KFM YFEFP	152	>PTEN-F241S KFM YSEFP	231	79
>PTEN-F241S KFM YFEFPQF	96	>PTEN-F241S KFM YSEFPQF	101	5
>PTEN-F241S DKFM YFEF	10	>PTEN-F241S DKFM YSEF	7	3
>PTEN-F241S DKFM YFEF	149	>PTEN-F241S DKFM YSEF	448	299
>PTEN-F241S REDKFM YF	435	>PTEN-F241S REDKFM YS	22519	22084
>PTEN-F241S REDKFM YFEF	747	>PTEN-F241S REDKFM YSEF	248	499
>PTEN-F241S REDKFM YF	373	>PTEN-F241S REDKFM YS	14609	14236
>PTEN-F241S REDKFM YF	26	>PTEN-F241S REDKFM YS	4409	4383
>PTEN-F241S REDKFM YFEF	366	>PTEN-F241S REDKFM YSEF	615	249
>PTEN-F241S REDKFM YF	250	>PTEN-F241S REDKFM YS	1189	939
>PTEN-F241S REDKFM YF	214	>PTEN-F241S REDKFM YS	6188	5974
>PTEN-F241S RREDKFM YFE	195	>PTEN-F241S RREDKFM YSE	84	111
>PTEN-F241S RREDKFM YFE	87	>PTEN-F241S RREDKFM YSE	83	4
>PTEN-F241S RREDKFM YFE	23	>PTEN-F241S RREDKFM YSE	16	7
>PTEN-F241S TRREDKFM YF	74	>PTEN-F241S TRREDKFM YS	9462	9388
>PTEN-F243S FPQPLPVCGE	95	>PTEN-F243S SPQPLPVCGE	84	11
>PTEN-F243S FPQPLPVCGE	360	>PTEN-F243S SPQPLPVCGE	4874	4514
>PTEN-F243S FPQPLPVCGE	419	>PTEN-F243S SPQPLPVCGE	5521	5102
>PTEN-F243S FPQPLPVC	387	>PTEN-F243S SPQPLPVC	10004	9617
>PTEN-F243S EFPQPLPV	2340	>PTEN-F243S ESPQPLPV	43	2297
>PTEN-F243S EFPQPLPV	1891	>PTEN-F243S ESPQPLPV	77	1814
>PTEN-F243S EFPQPLPV	296	>PTEN-F243S ESPQPLPV	7311	7015
>PTEN-F243S RREDKFM YFE	195	>PTEN-F243S RREDKFM YSE	14738	14543
>PTEN-F243S RREDKFM YFE	87	>PTEN-F243S RREDKFM YSE	428	341
>PTEN-F243S RREDKFM YFE	23	>PTEN-F243S RREDKFM YSE	822	799
>PTEN-F243S YFEFPQPLPV	883	>PTEN-F243S YFESPQPLPV	331	552
>PTEN-F243S MYFEFPQPLF	484	>PTEN-F243S MYFESPQPLF	2959	2475
>PTEN-F243S MYFEFPQPLF	130	>PTEN-F243S MYFESPQPLF	343	213
>PTEN-F243S MYFEFPQPLF	48	>PTEN-F243S MYFESPQPLF	107	59
>PTEN-F243S MYFEFPQPLF	105	>PTEN-F243S MYFESPQPLF	181	76
>PTEN-F243S MYFEFPQPLF	9	>PTEN-F243S MYFESPQPLF	15	6
>PTEN-F243S MYFEFPQPLF	103	>PTEN-F243S MYFESPQPLF	125	22
>PTEN-F243S MYFEFPQPLF	37	>PTEN-F243S MYFESPQPLF	44	7
>PTEN-F243S MYFEFPQPLF	278	>PTEN-F243S MYFESPQPLF	535	257
>PTEN-F243S MYFEFPQPLF	51	>PTEN-F243S MYFESPQPLF	45	6
>PTEN-F243S MYFEFPQPLF	436	>PTEN-F243S MYFESPQPLF	1325	889
>PTEN-F243S MYFEFPQPLF	45	>PTEN-F243S MYFESPQPLF	81	36
>PTEN-F243S MYFEFPQPLF	141	>PTEN-F243S MYFESPQPLF	425	284
>PTEN-F243S MYFEFPQPLF	261	>PTEN-F243S MYFESPQPLF	247	14
>PTEN-F243S MYFEFPQPLF	82	>PTEN-F243S MYFESPQPLF	92	10
>PTEN-F243S FMYFEFPQ	132	>PTEN-F243S FMYFESPQ	1119	987
>PTEN-F243S FMYFEFPQ	28	>PTEN-F243S FMYFESPQ	57	29

>PTEN-F243S FMYFEFPQPL	379	>PTEN-F243S FMYFESPQPL	512	133
>PTEN-F243S FMYFEFPQ	195	>PTEN-F243S FMYFESPQ	106	89
>PTEN-F243S FMYFEFPQ	139	>PTEN-F243S FMYFESPQ	794	655
>PTEN-F243S FMYFEFPQ	19	>PTEN-F243S FMYFESPQ	42	23
>PTEN-F243S FMYFEFPQPL	2	>PTEN-F243S FMYFESPQPL	2	0
>PTEN-F243S FMYFEFPQPL	175	>PTEN-F243S FMYFESPQPL	158	17
>PTEN-F243S FMYFEFPQ	168	>PTEN-F243S FMYFESPQ	394	226
>PTEN-F243S FMYFEFPQPL	3	>PTEN-F243S FMYFESPQPL	3	0
>PTEN-F243S FMYFEFPQ	58	>PTEN-F243S FMYFESPQ	149	91
>PTEN-F243S FMYFEFPQPL	5	>PTEN-F243S FMYFESPQPL	5	0
>PTEN-F243S FMYFEFPQPL	7	>PTEN-F243S FMYFESPQPL	7	0
>PTEN-F243S FMYFEFPQ	14	>PTEN-F243S FMYFESPQ	28	14
>PTEN-F243S FMYFEFPQPL	3	>PTEN-F243S FMYFESPQPL	3	0
>PTEN-F243S FMYFEFPQ	310	>PTEN-F243S FMYFESPQ	1195	885
>PTEN-F243S FMYFEFPQPL	43	>PTEN-F243S FMYFESPQPL	78	35
>PTEN-F243S FMYFEFPQ	855	>PTEN-F243S FMYFESPQ	392	463
>PTEN-F243S FMYFEFPQPL	83	>PTEN-F243S FMYFESPQPL	63	20
>PTEN-F243S FMYFEFPQPL	250	>PTEN-F243S FMYFESPQPL	132	118
>PTEN-F243S FMYFEFPQ	357	>PTEN-F243S FMYFESPQ	182	175
>PTEN-F243S FMYFEFPQPL	6	>PTEN-F243S FMYFESPQPL	7	1
>PTEN-F243S FMYFEFPQPL	892	>PTEN-F243S FMYFESPQPL	165	727
>PTEN-F243S FMYFEFPQPL	56	>PTEN-F243S FMYFESPQPL	38	18
>PTEN-F243S FMYFEFPQPL	120	>PTEN-F243S FMYFESPQPL	120	0
>PTEN-F243S KFMYFEFPQF	235	>PTEN-F243S KFMYFESPQF	453	218
>PTEN-F243S KFMYFEFPQF	74	>PTEN-F243S KFMYFESPQF	181	107
>PTEN-F243S KFMYFEFPQF	433	>PTEN-F243S KFMYFESPQF	725	292
>PTEN-F243S KFMYFEFPQF	348	>PTEN-F243S KFMYFESPQF	689	341
>PTEN-F243S KFMYFEFPQF	343	>PTEN-F243S KFMYFESPQF	365	22
>PTEN-F243S KFMYFEFPQF	31	>PTEN-F243S KFMYFESPQF	110	79
>PTEN-F243S KFMYFEFPQF	745	>PTEN-F243S KFMYFESPQF	428	317
>PTEN-F243S KFMYFEFPQF	492	>PTEN-F243S KFMYFESPQF	981	489
>PTEN-F243S KFMYFEFP	152	>PTEN-F243S KFMYFESP	288	136
>PTEN-F243S KFMYFEFPQF	96	>PTEN-F243S KFMYFESPQF	101	5
>PTEN-F243S DKFMYFEF	10	>PTEN-F243S DKFMYFES	4162	4152
>PTEN-F243S DKFMYFEF	149	>PTEN-F243S DKFMYFES	10259	10110
>PTEN-F243S REDKFMYFEF	366	>PTEN-F243S REDKFMYFES	330	36
>PTEN-F257L FFHKQNKML	289	>PTEN-F257L LFHKQNKML	18	271
>PTEN-F257L FFHKQNKML	754	>PTEN-F257L LFHKQNKML	31	723
>PTEN-F257L EFFHKQNKML	29358	>PTEN-F257L ELFHKQNKML	246	29112
>PTEN-F257L EFFHKQNK	8722	>PTEN-F257L ELFHKQNK	159	8563
>PTEN-F257L EFFHKQNKML	2973	>PTEN-F257L ELFHKQNKML	63	2910
>PTEN-F257L EFFHKQNKML	3677	>PTEN-F257L ELFHKQNKML	416	3261
>PTEN-F257L EFFHKQNK	240	>PTEN-F257L ELFHKQNK	1152	912

>PTEN-F257L EFFHKQNKM	159	>PTEN-F257L ELFHKQNKM	656	497
>PTEN-F257L EFFHKQNK	120	>PTEN-F257L ELFHKQNK	59	61
>PTEN-F257L EFFHKQNKM	31	>PTEN-F257L ELFHKQNKM	17	14
>PTEN-F257L EFFHKQNKM	204	>PTEN-F257L ELFHKQNKM	1282	1078
>PTEN-F257L LPVCGDIKVEI	35	>PTEN-F257L LPVCGDIKVEI	42	7
>PTEN-F257L LPVCGDIKVEI	484	>PTEN-F257L LPVCGDIKVEI	136	348
>PTEN-F257L LPVCGDIKVEI	9	>PTEN-F257L LPVCGDIKVEI	27	18
>PTEN-F257L LPVCGDIKVEI	26	>PTEN-F257L LPVCGDIKVEI	93	67
>PTEN-F257L LPVCGDIKVEI	499	>PTEN-F257L LPVCGDIKVEI	3338	2839
>PTEN-F257L LPVCGDIKVEI	18	>PTEN-F257L LPVCGDIKVEI	153	135
>PTEN-F257L VEFFHKQNKI	136	>PTEN-F257L VELFHKQNKI	219	83
>PTEN-F257L VEFFHKQNKI	417	>PTEN-F257L VELFHKQNKI	1075	658
>PTEN-F257L VEFFHKQNKI	42	>PTEN-F257L VELFHKQNKI	243	201
>PTEN-F257L VEFFHKQNKI	116	>PTEN-F257L VELFHKQNKI	277	161
>PTEN-F257L VEFFHKQNKI	451	>PTEN-F257L VELFHKQNKI	1208	757
>PTEN-F257L VEFFHKQNKI	82	>PTEN-F257L VELFHKQNKI	260	178
>PTEN-F257L KVEFFHKQNKI	22	>PTEN-F257L KVELFHKQNKI	37	15
>PTEN-F257L KVEFFHKQNKI	184	>PTEN-F257L KVELFHKQNKI	446	262
>PTEN-F257L IKVEFFHK	330	>PTEN-F257L IKVELFHK	1150	820
>PTEN-F257L IKVEFFHKQN	265	>PTEN-F257L IKVELFHKQN	608	343
>PTEN-F257L PVCGDIKVEL	395	>PTEN-F257L PVCGDIKVEL	2061	1666
>PTEN-F257L PVCGDIKVELI	21	>PTEN-F257L PVCGDIKVELI	144	123
>PTEN-F271S FHFVWNTFFI	25	>PTEN-F271S SHFWVNTFFI	28	3
>PTEN-F271S FHFVWNTFFI	126	>PTEN-F271S SHFWVNTFFI	709	583
>PTEN-F271S FHFVWNTFFI	378	>PTEN-F271S SHFWVNTFFI	925	547
>PTEN-F271S FHFVWNTF	456	>PTEN-F271S SHFWVNTF	1159	703
>PTEN-F271S FHFVWNTF	93	>PTEN-F271S SHFWVNTF	432	339
>PTEN-F271S FHFVWNTF	750	>PTEN-F271S SHFWVNTF	96	654
>PTEN-F271S FHFVWNTF	7	>PTEN-F271S SHFWVNTF	18	11
>PTEN-F271S FHFVWNTF	483	>PTEN-F271S SHFWVNTF	919	436
>PTEN-F271S FHFVWNTF	229	>PTEN-F271S SHFWVNTF	2396	2167
>PTEN-F271S FHFVWNTF	32	>PTEN-F271S SHFWVNTF	161	129
>PTEN-F271S FHFVWNTFFI	50	>PTEN-F271S SHFWVNTFFI	287	237
>PTEN-F271S FHFVWNTF	29	>PTEN-F271S SHFWVNTF	523	494
>PTEN-F271S MFHFVWNTF	973	>PTEN-F271S MSHFWVNTF	352	621
>PTEN-F271S MFHFVWNTF	112	>PTEN-F271S MSHFWVNTF	203	91
>PTEN-F271S MFHFVWNTF	2289	>PTEN-F271S MSHFWVNTF	466	1823
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>PTEN-F271S MFHFVWNTF	42	>PTEN-F271S MSHFWVNTF	1872	1830
>PTEN-F271S MFHFVWNTF	106	>PTEN-F271S MSHFWVNTF	1298	1192
>PTEN-F271S MFHFVWNTF	13	>PTEN-F271S MSHFWVNTF	1438	1425
>PTEN-F271S MFHFVWNTF	15	>PTEN-F271S MSHFWVNTF	3753	3738
>PTEN-F271S MFHFVWNTF	24	>PTEN-F271S MSHFWVNTF	12	12



>PTEN-F271S MFHFWVNTF	2274	>PTEN-F271S MSHFWVNTF	244	2030
>PTEN-F271S MFHFWVNTF	2585	>PTEN-F271S MSHFWVNTF	299	2286
>PTEN-F271S MFHFWVNT	8338	>PTEN-F271S MSHFWVNT	473	7865
>PTEN-F271S MFHFWVNTF	256	>PTEN-F271S MSHFWVNTF	8	248
>PTEN-F271S MFHFWVNTF	4171	>PTEN-F271S MSHFWVNTF	223	3948
>PTEN-F271S MFHFWVNTF	1243	>PTEN-F271S MSHFWVNTF	132	1111
>PTEN-F271S MFHFWVNTF	690	>PTEN-F271S MSHFWVNTF	27	663
>PTEN-F271S MFHFWVNTF	18247	>PTEN-F271S MSHFWVNTF	5	18242
>PTEN-F271S MFHFWVNTF	25023	>PTEN-F271S MSHFWVNTF	69	24954
>PTEN-F271S MFHFWVNTF	8747	>PTEN-F271S MSHFWVNTF	56	8691
>PTEN-F271S MFHFWVNTF	11726	>PTEN-F271S MSHFWVNTF	159	11567
>PTEN-F271S MFHFWVNT	492	>PTEN-F271S MSHFWVNT	28162	27670
>PTEN-F271S MFHFWVNTF	56	>PTEN-F271S MSHFWVNTF	11190	11134
>PTEN-F271S MFHFWVNTF	3083	>PTEN-F271S MSHFWVNTF	19	3064
>PTEN-F271S KMFHFWVN	159	>PTEN-F271S KMSHFWVN	1432	1273
>PTEN-F271S KMFHFWVN	219	>PTEN-F271S KMSHFWVN	2186	1967
>PTEN-F271S KMFHFWVN	72	>PTEN-F271S KMSHFWVN	69	3
>PTEN-F271S KMFHFWVN	110	>PTEN-F271S KMSHFWVN	298	188
>PTEN-F271S KMFHFWVN	163	>PTEN-F271S KMSHFWVN	2530	2367
>PTEN-F271S KMFHFWVN	29	>PTEN-F271S KMSHFWVN	437	408
>PTEN-F271S KMFHFWVN	45	>PTEN-F271S KMSHFWVN	785	740
>PTEN-F271S KMFHFWVN	357	>PTEN-F271S KMSHFWVN	1743	1386
>PTEN-F271S KMFHFWVN	379	>PTEN-F271S KMSHFWVN	2133	1754
>PTEN-F271S KMFHFWVN	456	>PTEN-F271S KMSHFWVN	415	41
>PTEN-F271S KMFHFWVN	133	>PTEN-F271S KMSHFWVN	355	222
>PTEN-F271S KMFHFWVN	175	>PTEN-F271S KMSHFWVN	643	468
>PTEN-F271S KMFHFWVN	444	>PTEN-F271S KMSHFWVN	469	25
>PTEN-F271S KMFHFWVN	89	>PTEN-F271S KMSHFWVN	359	270
>PTEN-F271S KMFHFWVN	429	>PTEN-F271S KMSHFWVN	5616	5187
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>PTEN-F271S KMFHFWVN	7	>PTEN-F271S KMSHFWVN	44	37
>PTEN-F271S KMFHFWVN	34	>PTEN-F271S KMSHFWVN	46	12
>PTEN-F271S KMFHFWVN	43	>PTEN-F271S KMSHFWVN	68	25
>PTEN-F271S KMFHFWVN	165	>PTEN-F271S KMSHFWVN	829	664
>PTEN-F271S KMFHFWVN	248	>PTEN-F271S KMSHFWVN	1239	991
>PTEN-F271S KMFHFWVN	314	>PTEN-F271S KMSHFWVN	1649	1335
>PTEN-F271S KMFHFWVN	2	>PTEN-F271S KMSHFWVN	4	2
>PTEN-F271S KMFHFWVN	3	>PTEN-F271S KMSHFWVN	6	3
>PTEN-F271S KMFHFWVN	32	>PTEN-F271S KMSHFWVN	136	104
>PTEN-F271S KMFHFWVN	67	>PTEN-F271S KMSHFWVN	273	206
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>PTEN-F271S KMFHFWVN	232	>PTEN-F271S KMSHFWVN	924	692
>PTEN-F271S KMFHFWVN	38	>PTEN-F271S KMSHFWVN	42	4

>PTEN-F271S KMFHFVVN	28	>PTEN-F271S KMSHFVVN	33	5
>PTEN-F271S KMFHFVVN	100	>PTEN-F271S KMSHFVVN	464	364
>PTEN-F271S KMFHFVVN	161	>PTEN-F271S KMSHFVVN	1367	1206
>PTEN-F271S DKMFHFVVI	19	>PTEN-F271S DKMSHFVVI	9	10
>PTEN-F271S DKMFHFVVI	190	>PTEN-F271S DKMSHFVVI	260	70
>PTEN-F271S KDKMFHFVA	395	>PTEN-F271S KDKMSHFVA	750	355
>PTEN-F271S KKDKMFHF	117	>PTEN-F271S KKDKMSHF	53	64
>PTEN-F271S LKKDKMFHVA	474	>PTEN-F271S LKKDKMSHVA	1260	786
>PTEN-F271S MLKKDKMF	181	>PTEN-F271S MLKKDKMS	3592	3411
>PTEN-F271S MLKKDKMF	192	>PTEN-F271S MLKKDKMS	16190	15998
>PTEN-F271S MLKKDKMFH	63	>PTEN-F271S MLKKDKMSH	36	27
>PTEN-F271S MLKKDKMF	383	>PTEN-F271S MLKKDKMS	22262	21879
>PTEN-F271S MLKKDKMF	54	>PTEN-F271S MLKKDKMS	16457	16403
>PTEN-F271S MLKKDKMFH	71	>PTEN-F271S MLKKDKMSH	24	47
>PTEN-F271S MLKKDKMFH	137	>PTEN-F271S MLKKDKMSH	144	7
>PTEN-F271S KMLKKDKMF	505	>PTEN-F271S KMLKKDKMS	424	81
>PTEN-F271S KMLKKDKMF	262	>PTEN-F271S KMLKKDKMS	1186	924
>PTEN-F271S KMLKKDKMF	188	>PTEN-F271S KMLKKDKMS	600	412
>PTEN-F271S KMLKKDKMF	162	>PTEN-F271S KMLKKDKMS	466	304
>PTEN-F271S KMLKKDKMF	359	>PTEN-F271S KMLKKDKMS	1469	1110
>PTEN-F271S KMLKKDKMF	111	>PTEN-F271S KMLKKDKMS	387	276
>PTEN-F271S KMLKKDKMF	167	>PTEN-F271S KMLKKDKMS	96	71
>PTEN-F271S KMLKKDKMF	15	>PTEN-F271S KMLKKDKMS	8	7
>PTEN-F271S KMLKKDKMF	38	>PTEN-F271S KMLKKDKMS	30	8
>PTEN-F271S KMLKKDKMF	118	>PTEN-F271S KMLKKDKMS	445	327
>PTEN-F271S NKMLKKDKV	243	>PTEN-F271S NKMLKKDKV	21416	21173
>PTEN-F341C FKVKLYFTK\	224	>PTEN-F341C CKVKLYFTK\	4880	4656
>PTEN-F341C FKVKLYFTK	199	>PTEN-F341C CKVKLYFTK	1466	1267
>PTEN-F341C FKVKLYFTK\	25	>PTEN-F341C CKVKLYFTK\	152	127
>PTEN-F341C NFKVKLYF	240	>PTEN-F341C NCKVKLYF	13688	13448
>PTEN-F341C NFKVKLYF	96	>PTEN-F341C NCKVKLYF	14450	14354
>PTEN-F341C NFKVKLYFTK	142	>PTEN-F341C NCKVKLYFTK	622	480
>PTEN-F341C NFKVKLYFTK	284	>PTEN-F341C NCKVKLYFTK	2138	1854
>PTEN-F341C DKANRYFSPN	39	>PTEN-F341C DKANRYFSPN	10696	10657
>PTEN-F341C SPNFVKLYF	136	>PTEN-F341C SPNCKVKLYF	72	64
>PTEN-F341C SPNFVKVL	224	>PTEN-F341C SPNCKVKL	158	66
>PTEN-F341C SPNFVKLYF	97	>PTEN-F341C SPNCKVKLYF	72	25
>PTEN-F341C SPNFVKLY	1114	>PTEN-F341C SPNCKVKLY	371	743
>PTEN-F341C SPNFVKLYF	2116	>PTEN-F341C SPNCKVKLYF	350	1766
>PTEN-F341C SPNFVKLY	167	>PTEN-F341C SPNCKVKLY	503	336
>PTEN-F341C FSPNFVKL	5371	>PTEN-F341C FSPNCKVKL	357	5014
>PTEN-F341C FSPNFVKLYI	928	>PTEN-F341C FSPNCKVKLYI	181	747
>PTEN-F341C FSPNFVKL	122	>PTEN-F341C FSPNCKVKL	2054	1932

>PTEN-F341CFSPNFKVKLY	238	>PTEN-F341CFSPNCKVKLY	235	3
>PTEN-F341CFSPNFKVKLYI	186	>PTEN-F341CFSPNCKVKLYI	300	114
>PTEN-F341CFSPNFKVKLY	138	>PTEN-F341CFSPNCKVKLY	531	393
>PTEN-F341CFSPNFKVKLYI	122	>PTEN-F341CFSPNCKVKLYI	192	70
>PTEN-F341CFSPNFKVKLY	493	>PTEN-F341CFSPNCKVKLY	559	66
>PTEN-F341CFSPNFKVKL	7	>PTEN-F341CFSPNCKVKL	30	23
>PTEN-F341CFSPNFKVKLY	84	>PTEN-F341CFSPNCKVKLY	299	215
>PTEN-F341CFSPNFKVKLYI	5	>PTEN-F341CFSPNCKVKLYI	10	5
>PTEN-F341CFSPNFKVKLY	191	>PTEN-F341CFSPNCKVKLY	675	484
>PTEN-F341CFSPNFKVKLYI	536	>PTEN-F341CFSPNCKVKLYI	465	71
>PTEN-F341CYFSPNFKV	149	>PTEN-F341CYFSPNCKV	562	413
>PTEN-F341CYFSPNFKV	274	>PTEN-F341CYFSPNCKV	623	349
>PTEN-F341CYFSPNFKV	347	>PTEN-F341CYFSPNCKV	664	317
>PTEN-F341CYFSPNFKV	18	>PTEN-F341CYFSPNCKV	24	6
>PTEN-F341CYFSPNFKV	183	>PTEN-F341CYFSPNCKV	1414	1231
>PTEN-F341CYFSPNFKVK	422	>PTEN-F341CYFSPNCKVK	2835	2413
>PTEN-F341CYFSPNFKVKL	14	>PTEN-F341CYFSPNCKVKL	25	11
>PTEN-F341CYFSPNFKVKL'	13	>PTEN-F341CYFSPNCKVKL'	15	2
>PTEN-F341CYFSPNFKVKL'	449	>PTEN-F341CYFSPNCKVKL'	483	34
>PTEN-F341CYFSPNFKVKL'	207	>PTEN-F341CYFSPNCKVKL'	137	70
>PTEN-F341CYFSPNFKVK	356	>PTEN-F341CYFSPNCKVK	3626	3270
>PTEN-F341CRYFSPNFKV	92	>PTEN-F341CRYFSPNCKV	166	74
>PTEN-F341CRYFSPNFKV	634	>PTEN-F341CRYFSPNCKV	440	194
>PTEN-F341CRYFSPNFK	143	>PTEN-F341CRYFSPNCK	979	836
>PTEN-F341CRYFSPNFK	41	>PTEN-F341CRYFSPNCK	149	108
>PTEN-F341CRYFSPNFKVK	196	>PTEN-F341CRYFSPNCKVK	314	118
>PTEN-F341CRYFSPNFKVK	412	>PTEN-F341CRYFSPNCKVK	702	290
>PTEN-F341CRYFSPNFK	208	>PTEN-F341CRYFSPNCK	2261	2053
>PTEN-F341CRYFSPNFKV	20	>PTEN-F341CRYFSPNCKV	121	101
>PTEN-F341CRYFSPNFKVK	104	>PTEN-F341CRYFSPNCKVK	456	352
>PTEN-F341CRYFSPNFKVK	5	>PTEN-F341CRYFSPNCKVK	7	2
>PTEN-F341CRYFSPNFK	5	>PTEN-F341CRYFSPNCK	11	6
>PTEN-F341CRYFSPNFKV	209	>PTEN-F341CRYFSPNCKV	128	81
>PTEN-F341CRYFSPNFKVK	9	>PTEN-F341CRYFSPNCKVK	13	4
>PTEN-F341CRYFSPNFKVK	448	>PTEN-F341CRYFSPNCKVK	660	212
>PTEN-F341CRYFSPNFK	15	>PTEN-F341CRYFSPNCK	61	46
>PTEN-F341CRYFSPNFKV	206	>PTEN-F341CRYFSPNCKV	1938	1732
>PTEN-F341CRYFSPNFKVK	342	>PTEN-F341CRYFSPNCKVK	855	513
>PTEN-F341CRYFSPNFKV	238	>PTEN-F341CRYFSPNCKV	891	653
>PTEN-F341CRYFSPNFKVK	48	>PTEN-F341CRYFSPNCKVK	127	79
>PTEN-F341CRYFSPNFKVK	514	>PTEN-F341CRYFSPNCKVK	457	57
>PTEN-F341CRYFSPNFK	23	>PTEN-F341CRYFSPNCK	63	40
>PTEN-F341CRYFSPNFKVK	24	>PTEN-F341CRYFSPNCKVK	41	17

>PTEN-F341C RYFSPNFKV	223	>PTEN-F341C RYFSPNCKV	959	736
>PTEN-F341C RYFSPNFKVK	319	>PTEN-F341C RYFSPNCKVK	600	281
>PTEN-F341C RYFSPNFK	157	>PTEN-F341C RYFSPNCK	871	714
>PTEN-F341C RYFSPNFKV	242	>PTEN-F341C RYFSPNCKV	427	185
>PTEN-F341C RYFSPNFKVK	185	>PTEN-F341C RYFSPNCKVK	341	156
>PTEN-F341C NRYFSPNFK	331	>PTEN-F341C NRYFSPNCK	1735	1404
>PTEN-F341C NRYFSPNF	18	>PTEN-F341C NRYFSPNC	5351	5333
>PTEN-F341C NRYFSPNF	1982	>PTEN-F341C NRYFSPNC	171	1811
>PTEN-F341C NRYFSPNFKV	221	>PTEN-F341C NRYFSPNCKV	689	468
>PTEN-F341C NRYFSPNFK	120	>PTEN-F341C NRYFSPNCK	284	164
>PTEN-F341C NRYFSPNFKV	151	>PTEN-F341C NRYFSPNCKV	507	356
>PTEN-F341C ANRYFSPNF	389	>PTEN-F341C ANRYFSPNC	4906	4517
>PTEN-F341C ANRYFSPNF	450	>PTEN-F341C ANRYFSPNC	728	278
>PTEN-F341C ANRYFSPNFK	4	>PTEN-F341C ANRYFSPNCK	10	6
>PTEN-F341C ANRYFSPNFK	174	>PTEN-F341C ANRYFSPNCK	130	44
>PTEN-F341C ANRYFSPNF	13	>PTEN-F341C ANRYFSPNC	6575	6562
>PTEN-F341C KANRYFSPNF	46	>PTEN-F341C KANRYFSPNC	138	92
>PTEN-F341C KANRYFSPNF	12	>PTEN-F341C KANRYFSPNC	30	18
>PTEN-F341C KANRYFSPNF	4	>PTEN-F341C KANRYFSPNC	14	10
>PTEN-F341C KANRYFSPNF	17	>PTEN-F341C KANRYFSPNC	74	57
>PTEN-F341C KANRYFSPNF	416	>PTEN-F341C KANRYFSPNC	13258	12842
>PTEN-F341C KANRYFSPNF	469	>PTEN-F341C KANRYFSPNC	2109	1640
>PTEN-F341C KANRYFSPNF	279	>PTEN-F341C KANRYFSPNC	17711	17432
>PTEN-F341C KANRYFSPNF	11	>PTEN-F341C KANRYFSPNC	4603	4592
>PTEN-F341C KANRYFSPNF	29	>PTEN-F341C KANRYFSPNC	14703	14674
>PTEN-F341C KANRYFSPNF	373	>PTEN-F341C KANRYFSPNC	19626	19253
>PTEN-F341C KANRYFSPNF	21	>PTEN-F341C KANRYFSPNC	2565	2544
>PTEN-F341\ FKVKLYFTK\	224	>PTEN-F341\ VKVKLYFTK\	2315	2091
>PTEN-F341\ FKVKLYFTK	199	>PTEN-F341\ VKVKLYFTK	752	553
>PTEN-F341\ FKVKLYFTK\	25	>PTEN-F341\ VKVKLYFTK\	76	51
>PTEN-F341\ NFKVKLYFTK	1063	>PTEN-F341\ NVKVKLYFTK	125	938
>PTEN-F341\ NFKVKLYF	240	>PTEN-F341\ NVKVKLYF	6477	6237
>PTEN-F341\ NFKVKLYF	96	>PTEN-F341\ NVKVKLYF	7275	7179
>PTEN-F341\ NFKVKLYFTK	142	>PTEN-F341\ NVKVKLYFTK	34	108
>PTEN-F341\ NFKVKLYFTK	284	>PTEN-F341\ NVKVKLYFTK	586	302
>PTEN-F341\ NFKVKLYFTK	570	>PTEN-F341\ NVKVKLYFTK	131	439
>PTEN-F341\ DKANRYFSPN	39	>PTEN-F341\ DKANRYFSPN	1524	1485
>PTEN-F341\ SPNFKVKLYF	136	>PTEN-F341\ SPNVKVKLYF	169	33
>PTEN-F341\ SPNFKVKL	224	>PTEN-F341\ SPNVKVKL	217	7
>PTEN-F341\ SPNFKVKLYF	97	>PTEN-F341\ SPNVKVKLYF	113	16
>PTEN-F341\ SPNFKVKLY	167	>PTEN-F341\ SPNVKVKLY	122	45
>PTEN-F341\ SPNFKVKLY	1222	>PTEN-F341\ SPNVKVKLY	476	746
>PTEN-F341\ SPNFKVKLYF	880	>PTEN-F341\ SPNVKVKLYF	416	464

>PTEN-F341\FSPNFKVKL	122	>PTEN-F341\FSPNVKVKL	4154	4032
>PTEN-F341\FSPNFKVKLY	238	>PTEN-F341\FSPNVKVKLY	138	100
>PTEN-F341\FSPNFKVKLYI	186	>PTEN-F341\FSPNVKVKLY	147	39
>PTEN-F341\FSPNFKVKLY	138	>PTEN-F341\FSPNVKVKLY	150	12
>PTEN-F341\FSPNFKVKL	544	>PTEN-F341\FSPNVKVKL	267	277
>PTEN-F341\FSPNFKVKLYI	122	>PTEN-F341\FSPNVKVKLY	291	169
>PTEN-F341\FSPNFKVKLY	493	>PTEN-F341\FSPNVKVKLY	878	385
>PTEN-F341\FSPNFKVKL	7	>PTEN-F341\FSPNVKVKL	18	11
>PTEN-F341\FSPNFKVKLY	84	>PTEN-F341\FSPNVKVKLY	190	106
>PTEN-F341\FSPNFKVKLYI	5	>PTEN-F341\FSPNVKVKLY	8	3
>PTEN-F341\FSPNFKVKLY	191	>PTEN-F341\FSPNVKVKLY	525	334
>PTEN-F341\YFSPNFKV	149	>PTEN-F341\YFSPNVKV	297	148
>PTEN-F341\YFSPNFKV	274	>PTEN-F341\YFSPNVKV	376	102
>PTEN-F341\YFSPNFKV	347	>PTEN-F341\YFSPNVKV	686	339
>PTEN-F341\YFSPNFKV	18	>PTEN-F341\YFSPNVKV	25	7
>PTEN-F341\YFSPNFKV	183	>PTEN-F341\YFSPNVKV	475	292
>PTEN-F341\YFSPNFKVK	422	>PTEN-F341\YFSPNVKVK	1221	799
>PTEN-F341\YFSPNFKVKL	14	>PTEN-F341\YFSPNVKVKL	14	0
>PTEN-F341\YFSPNFKVKL'	13	>PTEN-F341\YFSPNVKVKL'	20	7
>PTEN-F341\YFSPNFKVKL'	449	>PTEN-F341\YFSPNVKVKL'	413	36
>PTEN-F341\YFSPNFKVKL'	207	>PTEN-F341\YFSPNVKVKL'	142	65
>PTEN-F341\YFSPNFKVK	356	>PTEN-F341\YFSPNVKVK	1948	1592
>PTEN-F341\RYFSPNFKV	92	>PTEN-F341\RYFSPNVKV	370	278
>PTEN-F341\RYFSPNFK	143	>PTEN-F341\RYFSPNVK	666	523
>PTEN-F341\RYFSPNFK	41	>PTEN-F341\RYFSPNVK	196	155
>PTEN-F341\RYFSPNFKVK	196	>PTEN-F341\RYFSPNVKVK	200	4
>PTEN-F341\RYFSPNFKVK	412	>PTEN-F341\RYFSPNVKVK	563	151
>PTEN-F341\RYFSPNFK	208	>PTEN-F341\RYFSPNVK	345	137
>PTEN-F341\RYFSPNFKV	20	>PTEN-F341\RYFSPNVKV	30	10
>PTEN-F341\RYFSPNFKVK	104	>PTEN-F341\RYFSPNVKVK	204	100
>PTEN-F341\RYFSPNFKVK	5	>PTEN-F341\RYFSPNVKVK	5	0
>PTEN-F341\RYFSPNFK	5	>PTEN-F341\RYFSPNVK	7	2
>PTEN-F341\RYFSPNFKV	209	>PTEN-F341\RYFSPNVKV	246	37
>PTEN-F341\RYFSPNFKVK	9	>PTEN-F341\RYFSPNVKVK	10	1
>PTEN-F341\RYFSPNFKVK	448	>PTEN-F341\RYFSPNVKVK	654	206
>PTEN-F341\RYFSPNFK	15	>PTEN-F341\RYFSPNVK	58	43
>PTEN-F341\RYFSPNFKV	206	>PTEN-F341\RYFSPNVKV	1203	997
>PTEN-F341\RYFSPNFKVK	342	>PTEN-F341\RYFSPNVKVK	709	367
>PTEN-F341\RYFSPNFKV	238	>PTEN-F341\RYFSPNVKV	151	87
>PTEN-F341\RYFSPNFKVK	48	>PTEN-F341\RYFSPNVKVK	46	2
>PTEN-F341\RYFSPNFKVK	514	>PTEN-F341\RYFSPNVKVK	438	76
>PTEN-F341\RYFSPNFK	23	>PTEN-F341\RYFSPNVK	43	20
>PTEN-F341\RYFSPNFKVK	24	>PTEN-F341\RYFSPNVKVK	36	12

>PTEN-F341\RYFSPNFKV	223	>PTEN-F341\RYFSPNVKV	666	443
>PTEN-F341\RYFSPNFKVK	319	>PTEN-F341\RYFSPNVKVK	507	188
>PTEN-F341\RYFSPNFK	157	>PTEN-F341\RYFSPNVK	781	624
>PTEN-F341\RYFSPNFKV	242	>PTEN-F341\RYFSPNVKV	314	72
>PTEN-F341\RYFSPNFKVK	185	>PTEN-F341\RYFSPNVKVK	239	54
>PTEN-F341\NRYFSPNFK	331	>PTEN-F341\NRYFSPNVK	2566	2235
>PTEN-F341\NRYFSPNF	18	>PTEN-F341\NRYFSPNV	619	601
>PTEN-F341\NRYFSPNF	1982	>PTEN-F341\NRYFSPNV	253	1729
>PTEN-F341\NRYFSPNFKV	221	>PTEN-F341\NRYFSPNVKV	193	28
>PTEN-F341\NRYFSPNFK	120	>PTEN-F341\NRYFSPNVK	205	85
>PTEN-F341\NRYFSPNFKV	151	>PTEN-F341\NRYFSPNVKV	302	151
>PTEN-F341\ANRYFSPNF	389	>PTEN-F341\ANRYFSPNV	753	364
>PTEN-F341\ANRYFSPNF	450	>PTEN-F341\ANRYFSPNV	20	430
>PTEN-F341\ANRYFSPNFK	4	>PTEN-F341\ANRYFSPNVk	6	2
>PTEN-F341\ANRYFSPNFK	174	>PTEN-F341\ANRYFSPNVk	193	19
>PTEN-F341\ANRYFSPNF	13	>PTEN-F341\ANRYFSPNV	574	561
>PTEN-F341\KANRYFSPNF	22252	>PTEN-F341\KANRYFSPNV	435	21817
>PTEN-F341\KANRYFSPNF	23588	>PTEN-F341\KANRYFSPNV	268	23320
>PTEN-F341\KANRYFSPNF	46	>PTEN-F341\KANRYFSPNV	101	55
>PTEN-F341\KANRYFSPNF	12	>PTEN-F341\KANRYFSPNV	37	25
>PTEN-F341\KANRYFSPNF	819	>PTEN-F341\KANRYFSPNV	36	783
>PTEN-F341\KANRYFSPNF	4	>PTEN-F341\KANRYFSPNV	8	4
>PTEN-F341\KANRYFSPNF	17	>PTEN-F341\KANRYFSPNV	78	61
>PTEN-F341\KANRYFSPNF	416	>PTEN-F341\KANRYFSPNV	4849	4433
>PTEN-F341\KANRYFSPNF	469	>PTEN-F341\KANRYFSPNV	2530	2061
>PTEN-F341\KANRYFSPNF	19402	>PTEN-F341\KANRYFSPNV	353	19049
>PTEN-F341\KANRYFSPNF	279	>PTEN-F341\KANRYFSPNV	8878	8599
>PTEN-F341\KANRYFSPNF	11	>PTEN-F341\KANRYFSPNV	330	319
>PTEN-F341\KANRYFSPNF	29	>PTEN-F341\KANRYFSPNV	4132	4103
>PTEN-F341\KANRYFSPNF	373	>PTEN-F341\KANRYFSPNV	14608	14235
>PTEN-F341\KANRYFSPNF	21	>PTEN-F341\KANRYFSPNV	2240	2219
>PTEN-F37S- FPAERLEGV	65	>PTEN-F37S- SPAERLEGV	528	463
>PTEN-F37S- FPAERLEGVY	125	>PTEN-F37S- SPAERLEGVY	453	328
>PTEN-F37S- FPAERLEGV	277	>PTEN-F37S- SPAERLEGV	1162	885
>PTEN-F37S- FPAERLEGV	67	>PTEN-F37S- SPAERLEGV	175	108
>PTEN-F37S- FPAERLEGV	226	>PTEN-F37S- SPAERLEGV	244	18
>PTEN-F37S- FPAERLEGVY	481	>PTEN-F37S- SPAERLEGVY	1577	1096
>PTEN-F37S- FPAERLEGVY	17	>PTEN-F37S- SPAERLEGVY	143	126
>PTEN-F37S- FPAERLEGV	250	>PTEN-F37S- SPAERLEGV	4669	4419
>PTEN-F37S- FPAERLEGVY	170	>PTEN-F37S- SPAERLEGVY	2193	2023
>PTEN-F37S- FPAERLEG	462	>PTEN-F37S- SPAERLEG	10665	10203
>PTEN-F37S- FPAERLEGV	85	>PTEN-F37S- SPAERLEGV	7925	7840
>PTEN-F37S- FPAERLEGVY	29	>PTEN-F37S- SPAERLEGVY	35	6

>PTEN-F37S- FPAERLEGVY	82	>PTEN-F37S- SPAERLEGVY	2853	2771
>PTEN-F37S- FPAERLEGVY	459	>PTEN-F37S- SPAERLEGVY	369	90
>PTEN-F37S- GFPAERLEGV	291	>PTEN-F37S- GSPAERLEGV	2869	2578
>PTEN-F37S- GFPAERLEGV	821	>PTEN-F37S- GSPAERLEGV	246	575
>PTEN-F37S- GFPAERLEGV	19892	>PTEN-F37S- GSPAERLEGV	367	19525
>PTEN-F37S- YIYPNIIAMGF	464	>PTEN-F37S- YIYPNIIAMGS	200	264
>PTEN-F37S- YIYPNIIAMGF	31	>PTEN-F37S- YIYPNIIAMGS	100	69
>PTEN-F37S- YIYPNIIAMGF	73	>PTEN-F37S- YIYPNIIAMGS	87	14
>PTEN-F37S- YIYPNIIAMGF	338	>PTEN-F37S- YIYPNIIAMGS	156	182
>PTEN-F37S- YIYPNIIAMGF	133	>PTEN-F37S- YIYPNIIAMGS	19761	19628
>PTEN-F37S- YIYPNIIAMGF	214	>PTEN-F37S- YIYPNIIAMGS	15307	15093
>PTEN-F37S- YIYPNIIAMGF	417	>PTEN-F37S- YIYPNIIAMGS	22102	21685
>PTEN-F37S- YIYPNIIAMGF	92	>PTEN-F37S- YIYPNIIAMGS	6368	6276
>PTEN-F37S- YIYPNIIAMGF	311	>PTEN-F37S- YIYPNIIAMGS	19664	19353
>PTEN-F37S- YIYPNIIAMGF	63	>PTEN-F37S- YIYPNIIAMGS	10836	10773
>PTEN-F37S- YIYPNIIAMGF	93	>PTEN-F37S- YIYPNIIAMGS	10382	10289
>PTEN-F37S- YIYPNIIAMGF	16	>PTEN-F37S- YIYPNIIAMGS	8758	8742
>PTEN-F37S- YIYPNIIAMGF	8	>PTEN-F37S- YIYPNIIAMGS	9929	9921
>PTEN-F37S- YIYPNIIAMGF	173	>PTEN-F37S- YIYPNIIAMGS	8557	8384
>PTEN-F37S- MGFPFAERLE	257	>PTEN-F37S- MGSPAERLE	526	269
>PTEN-F37S- MGFPFAERLE	186	>PTEN-F37S- MGSPAERLE	543	357
>PTEN-F37S- MGFPFAERLE	355	>PTEN-F37S- MGSPAERLE	3596	3241
>PTEN-F37S- MGFPFAERL	378	>PTEN-F37S- MGSPAERL	1729	1351
>PTEN-F37S- MGFPFAERLE	46	>PTEN-F37S- MGSPAERLE	196	150
>PTEN-F37S- MGFPFAERL	258	>PTEN-F37S- MGSPAERL	1922	1664
>PTEN-F37S- AMGFPAERL	365	>PTEN-F37S- AMGSPAERL	265	100
>PTEN-F37S- AMGFPAERL	15	>PTEN-F37S- AMGSPAERL	10	5
>PTEN-F37S- AMGFPAERL	454	>PTEN-F37S- AMGSPAERL	323	131
>PTEN-F37S- AMGFPAERL	403	>PTEN-F37S- AMGSPAERL	190	213
>PTEN-F37S- AMGFPAERL	195	>PTEN-F37S- AMGSPAERL	127	68
>PTEN-F37S- AMGFPAERL	29	>PTEN-F37S- AMGSPAERL	12	17
>PTEN-F37S- AMGFPAER	75	>PTEN-F37S- AMGSPAER	75	0
>PTEN-F37S- IAMGFPAERL	65	>PTEN-F37S- IAMGSPAERL	191	126
>PTEN-F37S- IAMGFPAERL	445	>PTEN-F37S- IAMGSPAERL	1022	577
>PTEN-F37S- IAMGFPAER	222	>PTEN-F37S- IAMGSPAER	685	463
>PTEN-F37S- IAMGFPAER	32	>PTEN-F37S- IAMGSPAER	86	54
>PTEN-F37S- IAMGFPAER	58	>PTEN-F37S- IAMGSPAER	189	131
>PTEN-F37S- IAMGFPAER	8	>PTEN-F37S- IAMGSPAER	11	3
>PTEN-F37S- IAMGFPAERL	19	>PTEN-F37S- IAMGSPAERL	9	10
>PTEN-F37S- IAMGFPAERL	332	>PTEN-F37S- IAMGSPAERL	470	138
>PTEN-F37S- IAMGFPAERL	476	>PTEN-F37S- IAMGSPAERL	340	136
>PTEN-F37S- IAMGFPAER	268	>PTEN-F37S- IAMGSPAER	2062	1794
>PTEN-F37S- IIAMGFPA	369	>PTEN-F37S- IIAMGSPA	2917	2548

>PTEN-F37S-IIAMGFPA	311	>PTEN-F37S-IIAMGSPA	812	501
>PTEN-F37S-IIAMGFPAER	200	>PTEN-F37S-IIAMGSPAER	202	2
>PTEN-F37S-IIAMGFPA	65	>PTEN-F37S-IIAMGSPA	35	30
>PTEN-F37S-IIAMGFPA	35	>PTEN-F37S-IIAMGSPA	240	205
>PTEN-F37S-IIAMGFPAER	213	>PTEN-F37S-IIAMGSPAER	444	231
>PTEN-F37S-IIAMGFPAER	471	>PTEN-F37S-IIAMGSPAER	425	46
>PTEN-F37S-IIAMGFPA	206	>PTEN-F37S-IIAMGSPA	494	288
>PTEN-F37S-IIAMGFPAER	73	>PTEN-F37S-IIAMGSPAER	78	5
>PTEN-F37S-IIAMGFPAER	83	>PTEN-F37S-IIAMGSPAER	151	68
>PTEN-F37S-IIAMGFPAER	468	>PTEN-F37S-IIAMGSPAER	1066	598
>PTEN-F37S-IIAMGFPAER	12	>PTEN-F37S-IIAMGSPAER	12	0
>PTEN-F37S-IIAMGFPAER	273	>PTEN-F37S-IIAMGSPAER	1083	810
>PTEN-F37S-NIIAMGFPA	391	>PTEN-F37S-NIIAMGSPA	1539	1148
>PTEN-F37S-NIIAMGFPA	162	>PTEN-F37S-NIIAMGSPA	43	119
>PTEN-F37S-NIIAMGFPA	32	>PTEN-F37S-NIIAMGSPA	522	490
>PTEN-F37S-NIIAMGFPAE	150	>PTEN-F37S-NIIAMGSPA	452	302
>PTEN-F37S-NIIAMGFPAE	115	>PTEN-F37S-NIIAMGSPA	281	166
>PTEN-F37S-NIIAMGFPAE	8	>PTEN-F37S-NIIAMGSPA	12	4
>PTEN-F37S-NIIAMGFPA	28	>PTEN-F37S-NIIAMGSPA	100	72
>PTEN-F37S-NIIAMGFPA	154	>PTEN-F37S-NIIAMGSPA	1691	1537
>PTEN-F37S-NIIAMGFPAE	235	>PTEN-F37S-NIIAMGSPA	838	603
>PTEN-F37S-YPNIIAMGF	281	>PTEN-F37S-YPNIIAMGS	18461	18180
>PTEN-F37S-YPNIIAMGFP	91	>PTEN-F37S-YPNIIAMGSP	51	40
>PTEN-F37S-YPNIIAMGF	11	>PTEN-F37S-YPNIIAMGS	538	527
>PTEN-F37S-YPNIIAMGFP	37	>PTEN-F37S-YPNIIAMGSP	45	8
>PTEN-F37S-YPNIIAMGF	82	>PTEN-F37S-YPNIIAMGS	13345	13263
>PTEN-F37S-YPNIIAMGFP	6	>PTEN-F37S-YPNIIAMGSP	7	1
>PTEN-F37S-YPNIIAMGF	102	>PTEN-F37S-YPNIIAMGS	19405	19303
>PTEN-F37S-IYPNIIAMGF	80	>PTEN-F37S-IYPNIIAMGS	31154	31074
>PTEN-F37S-IYPNIIAMGF	49	>PTEN-F37S-IYPNIIAMGS	19865	19816
>PTEN-F37S-IYPNIIAMGF	4	>PTEN-F37S-IYPNIIAMGS	723	719
>PTEN-F37S-IYPNIIAMGF	56	>PTEN-F37S-IYPNIIAMGS	11320	11264
>PTEN-F37S-IYPNIIAMGF	408	>PTEN-F37S-IYPNIIAMGS	14586	14178
>PTEN-F56C-FLDSKHKNHY	86	>PTEN-F56C-CLDSKHKNHY	175	89
>PTEN-F56C-FLDSKHKNHY	273	>PTEN-F56C-CLDSKHKNHY	7545	7272
>PTEN-F56C-FLDSKHKNHY	226	>PTEN-F56C-CLDSKHKNHY	8718	8492
>PTEN-F56C-FLDSKHKNHY	724	>PTEN-F56C-CLDSKHKNHY	405	319
>PTEN-F56C-FLDSKHKNHY	512	>PTEN-F56C-CLDSKHKNHY	313	199
>PTEN-F56C-RFLDSKHKNF	91	>PTEN-F56C-RCLDSKHKNF	3047	2956
>PTEN-F56C-RFLDSKHK	19	>PTEN-F56C-RCLDSKHK	63	44
>PTEN-F56C-RFLDSKHKNF	227	>PTEN-F56C-RCLDSKHKNF	698	471
>PTEN-F56C-RFLDSKHK	73	>PTEN-F56C-RCLDSKHK	2331	2258
>PTEN-F56C-RFLDSKHK	66	>PTEN-F56C-RCLDSKHK	342	276



>PTEN-F56C- YRNNIDDVVF	48	>PTEN-F56C- YRNNIDDVVF	6124	6076
>PTEN-F56C- YRNNIDDVVF	119	>PTEN-F56C- YRNNIDDVVF	4064	3945
>PTEN-F56C- VRFLDSKH	482	>PTEN-F56C- VRCLDSKH	8151	7669
>PTEN-F56C- VRFLDSKHK	137	>PTEN-F56C- VRCLDSKHK	3351	3214
>PTEN-F56C- VVRFLDSKHK	408	>PTEN-F56C- VVRCLDSKHK	1145	737
>PTEN-F56C- VVRFLDSK	455	>PTEN-F56C- VVRCLDSK	906	451
>PTEN-F56C- VVRFLDSK	17	>PTEN-F56C- VVRCLDSK	26	9
>PTEN-F56C- VVRFLDSKHK	13	>PTEN-F56C- VVRCLDSKHK	15	2
>PTEN-F56C- VVRFLDSKH	57	>PTEN-F56C- VVRCLDSKH	58	1
>PTEN-F56C- DVVRFLDSK	493	>PTEN-F56C- DVVRCLDSK	569	76
>PTEN-F56C- DVVRFLDSKH	129	>PTEN-F56C- DVVRCLDSKH	153	24
>PTEN-F56C- DVVRFLDSK	18	>PTEN-F56C- DVVRCLDSK	60	42
>PTEN-F56C- DVVRFLDSKH	102	>PTEN-F56C- DVVRCLDSKH	234	132
>PTEN-F56C- NIDDVVRFL	171	>PTEN-F56C- NIDDVVRCL	895	724
>PTEN-F56C- NIDDVVRFL	272	>PTEN-F56C- NIDDVVRCL	4676	4404
>PTEN-F56C- NIDDVVRFL	30	>PTEN-F56C- NIDDVVRCL	279	249
>PTEN-F56C- NIDDVVRFL	320	>PTEN-F56C- NIDDVVRCL	1263	943
>PTEN-F56C- NIDDVVRFL	464	>PTEN-F56C- NIDDVVRCL	1260	796
>PTEN-F56C- NIDDVVRFL	324	>PTEN-F56C- NIDDVVRCL	4714	4390
>PTEN-F56C- RNNIDDVVRFL	450	>PTEN-F56C- RNNIDDVVRCL	22807	22357
>PTEN-F56V- FLDSKHKNHY	86	>PTEN-F56V- VLDSKHKNHY	113	27
>PTEN-F56V- FLDSKHKNHY	273	>PTEN-F56V- VLDSKHKNHY	1509	1236
>PTEN-F56V- FLDSKHKNHY	226	>PTEN-F56V- VLDSKHKNHY	1812	1586
>PTEN-F56V- FLDSKHKNHY	724	>PTEN-F56V- VLDSKHKNHY	169	555
>PTEN-F56V- FLDSKHKNHY	512	>PTEN-F56V- VLDSKHKNHY	149	363
>PTEN-F56V- FLDSKHKNHY	676	>PTEN-F56V- VLDSKHKNHY	270	406
>PTEN-F56V- RFLDSKHK	3455	>PTEN-F56V- RVLDSKHK	162	3293
>PTEN-F56V- RFLDSKHK	2652	>PTEN-F56V- RVLDSKHK	52	2600
>PTEN-F56V- RFLDSKHKNF	10879	>PTEN-F56V- RVLDSKHKNF	312	10567
>PTEN-F56V- RFLDSKHKNF	91	>PTEN-F56V- RVLDSKHKNF	221	130
>PTEN-F56V- RFLDSKHK	19	>PTEN-F56V- RVLDSKHK	8	11
>PTEN-F56V- RFLDSKHKNF	1438	>PTEN-F56V- RVLDSKHKNF	305	1133
>PTEN-F56V- RFLDSKHKNF	227	>PTEN-F56V- RVLDSKHKNF	91	136
>PTEN-F56V- RFLDSKHK	73	>PTEN-F56V- RVLDSKHK	127	54
>PTEN-F56V- RFLDSKHKNF	697	>PTEN-F56V- RVLDSKHKNF	121	576
>PTEN-F56V- RFLDSKHKNF	1674	>PTEN-F56V- RVLDSKHKNF	229	1445
>PTEN-F56V- RFLDSKHKNF	10914	>PTEN-F56V- RVLDSKHKNF	53	10861
>PTEN-F56V- RFLDSKHKNF	3185	>PTEN-F56V- RVLDSKHKNF	399	2786
>PTEN-F56V- RFLDSKHK	66	>PTEN-F56V- RVLDSKHK	584	518
>PTEN-F56V- YRNNIDDVVF	48	>PTEN-F56V- YRNNIDDVVF	957	909
>PTEN-F56V- YRNNIDDVVF	119	>PTEN-F56V- YRNNIDDVVF	286	167
>PTEN-F56V- VRFLDSKH	482	>PTEN-F56V- VRVLDSKH	2870	2388
>PTEN-F56V- VRFLDSKHK	137	>PTEN-F56V- VRVLDSKHK	677	540

>PTEN-F56V- VVRFLDSKHK	408	>PTEN-F56V- VVRVLDSKHK	2310	1902
>PTEN-F56V- VVRFLDSK	455	>PTEN-F56V- VVRVLDSK	1052	597
>PTEN-F56V- VVRFLDSK	17	>PTEN-F56V- VVRVLDSK	21	4
>PTEN-F56V- VVRFLDSKHK	13	>PTEN-F56V- VVRVLDSKHK	14	1
>PTEN-F56V- VVRFLDSKH	57	>PTEN-F56V- VVRVLDSKH	119	62
>PTEN-F56V- DVVRFLDSK	493	>PTEN-F56V- DVVRVLDSK	619	126
>PTEN-F56V- DVVRFLDSKH	129	>PTEN-F56V- DVVRVLDSKH	222	93
>PTEN-F56V- DVVRFLDSK	18	>PTEN-F56V- DVVRVLDSK	16	2
>PTEN-F56V- DVVRFLDSKH	102	>PTEN-F56V- DVVRVLDSKH	89	13
>PTEN-F56V- NIDDVVRV	18625	>PTEN-F56V- NIDDVVRV	176	18449
>PTEN-F56V- NIDDVVRV	8771	>PTEN-F56V- NIDDVVRV	276	8495
>PTEN-F56V- NIDDVVRFL	171	>PTEN-F56V- NIDDVVRVL	1256	1085
>PTEN-F56V- NIDDVVRV	18385	>PTEN-F56V- NIDDVVRV	364	18021
>PTEN-F56V- NIDDVVRV	4266	>PTEN-F56V- NIDDVVRV	79	4187
>PTEN-F56V- NIDDVVRFL	272	>PTEN-F56V- NIDDVVRVL	4153	3881
>PTEN-F56V- NIDDVVRV	5288	>PTEN-F56V- NIDDVVRV	9	5279
>PTEN-F56V- NIDDVVRFL	30	>PTEN-F56V- NIDDVVRVL	111	81
>PTEN-F56V- NIDDVVRV	19439	>PTEN-F56V- NIDDVVRV	190	19249
>PTEN-F56V- NIDDVVRV	20331	>PTEN-F56V- NIDDVVRV	39	20292
>PTEN-F56V- NIDDVVRFL	320	>PTEN-F56V- NIDDVVRVL	2850	2530
>PTEN-F56V- NIDDVVRV	16672	>PTEN-F56V- NIDDVVRV	31	16641
>PTEN-F56V- NIDDVVRFL	464	>PTEN-F56V- NIDDVVRVL	2370	1906
>PTEN-F56V- NIDDVVRV	21224	>PTEN-F56V- NIDDVVRV	26	21198
>PTEN-F56V- NIDDVVRV	20486	>PTEN-F56V- NIDDVVRV	233	20253
>PTEN-F56V- NIDDVVRV	12735	>PTEN-F56V- NIDDVVRV	38	12697
>PTEN-F56V- NIDDVVRFL	324	>PTEN-F56V- NIDDVVRVL	2635	2311
>PTEN-F56V- NNIDDVVRV	18994	>PTEN-F56V- NNIDDVVRV	128	18866
>PTEN-F56V- RNNIDDVVRV	450	>PTEN-F56V- RNNIDDVVRV	9245	8795
>PTEN-F81C- FNCRVAQY	418	>PTEN-F81C- CNCRVAQY	2948	2530
>PTEN-F81C- FNCRVAQYPI	119	>PTEN-F81C- CNCRVAQYPI	978	859
>PTEN-F81C- KFNCRVAQYI	235	>PTEN-F81C- KCNCRVAQYI	11111	10876
>PTEN-F81C- KFNCRVAQYI	412	>PTEN-F81C- KCNCRVAQYI	8232	7820
>PTEN-F81C- KFNCRVAQYI	140	>PTEN-F81C- KCNCRVAQYI	15165	15025
>PTEN-F81C- KFNCRVAQY	167	>PTEN-F81C- KCNCRVAQY	5064	4897
>PTEN-F81C- KFNCRVAQY	377	>PTEN-F81C- KCNCRVAQY	5382	5005
>PTEN-F81C- KFNCRVAQYI	170	>PTEN-F81C- KCNCRVAQYI	3457	3287
>PTEN-F81C- KFNCRVAQYI	101	>PTEN-F81C- KCNCRVAQYI	46	55
>PTEN-F81C- KFNCRVAQYI	431	>PTEN-F81C- KCNCRVAQYI	4079	3648
>PTEN-F81C- KFNCRVAQYI	331	>PTEN-F81C- KCNCRVAQYI	115	216
>PTEN-F81C- KFNCRVAQY	6027	>PTEN-F81C- KCNCRVAQY	453	5574
>PTEN-F81C- KFNCRVAQY	2209	>PTEN-F81C- KCNCRVAQY	413	1796
>PTEN-F81C- KFNCRVAQY	131	>PTEN-F81C- KCNCRVAQY	623	492
>PTEN-F81C- AKFNCRVAQ'	381	>PTEN-F81C- AKCNCRVAQ'	3109	2728

>PTEN-F81C-AKFNCRVAQ'	197	>PTEN-F81C-AKCNCRVAQ'	1588	1391
>PTEN-F81C-AKFNCRVA	52	>PTEN-F81C-AKCNCRVA	840	788
>PTEN-F81C-AKFNCRVAQ	43	>PTEN-F81C-AKCNCRVAQ	410	367
>PTEN-F81C-AKFNCRVAQ'	3	>PTEN-F81C-AKCNCRVAQ'	21	18
>PTEN-F81C-AKFNCRVAQ'	114	>PTEN-F81C-AKCNCRVAQ'	1820	1706
>PTEN-F81C-TAKFNCRVAC	362	>PTEN-F81C-TAKCNCRVAC	255	107
>PTEN-F81C-TAKFNCRVAC	97	>PTEN-F81C-TAKCNCRVAC	132	35
>PTEN-F81C-DTAKFNCR	20	>PTEN-F81C-DTAKCNCR	32	12
>PTEN-F81C-DTAKFNCR	3	>PTEN-F81C-DTAKCNCR	4	1
>PTEN-F81C-DTAKFNCRV/	171	>PTEN-F81C-DTAKCNCRV/	456	285
>PTEN-F81C-DTAKFNCRV	12	>PTEN-F81C-DTAKCNCRV	12	0
>PTEN-F81C-DTAKFNCRV/	460	>PTEN-F81C-DTAKCNCRV/	2200	1740
>PTEN-F81C-DTAKFNCRV	7	>PTEN-F81C-DTAKCNCRV	78	71
>PTEN-F81C-YDTAKFNCRV	183	>PTEN-F81C-YDTAKCNCRV	348	165
>PTEN-F81C-HYDTAKFNCF	204	>PTEN-F81C-HYDTAKCNCI	708	504
>PTEN-F81C-HYDTAKFNCF	29	>PTEN-F81C-HYDTAKCNCI	58	29
>PTEN-F81C-RHYDTAKF	418	>PTEN-F81C-RHYDTAKC	30408	29990
>PTEN-F81C-RHYDTAKFNC	374	>PTEN-F81C-RHYDTAKCNC	1353	979
>PTEN-F81C-RHYDTAKF	7	>PTEN-F81C-RHYDTAKC	4927	4920
>PTEN-F81C-RHYDTAKF	384	>PTEN-F81C-RHYDTAKC	21704	21320
>PTEN-F81C-RHYDTAKF	71	>PTEN-F81C-RHYDTAKC	10217	10146
>PTEN-F81C-RHYDTAKFNC	71	>PTEN-F81C-RHYDTAKCNC	139	68
>PTEN-F81C-ERHYDTAKF	202	>PTEN-F81C-ERHYDTAKC	14611	14409
>PTEN-F81C-AERHYDTAKF	33	>PTEN-F81C-AERHYDTAKC	7042	7009
>PTEN-F81C-AERHYDTAKF	83	>PTEN-F81C-AERHYDTAKC	11957	11874
>PTEN-F81C-AERHYDTAKF	256	>PTEN-F81C-AERHYDTAKC	17086	16830
>PTEN-F81C-AERHYDTAKF	258	>PTEN-F81C-AERHYDTAKC	10282	10024
>PTEN-F81L-FNCRVAQY	418	>PTEN-F81L- LNCRVAQY	1789	1371
>PTEN-F81L-FNCRVAQYPF	544	>PTEN-F81L- LNCRVAQYPF	432	112
>PTEN-F81L-FNCRVAQYPF	119	>PTEN-F81L- LNCRVAQYPF	276	157
>PTEN-F81L-KFNCRVAQYF	10402	>PTEN-F81L- KLNCRVAQYF	343	10059
>PTEN-F81L-KFNCRVAQY	2798	>PTEN-F81L- KLNCRVAQY	57	2741
>PTEN-F81L-KFNCRVAQYF	235	>PTEN-F81L- KLNCRVAQYF	4067	3832
>PTEN-F81L-KFNCRVAQYF	412	>PTEN-F81L- KLNCRVAQYF	4643	4231
>PTEN-F81L-KFNCRVAQYF	140	>PTEN-F81L- KLNCRVAQYF	9877	9737
>PTEN-F81L-KFNCRVAQY	167	>PTEN-F81L- KLNCRVAQY	618	451
>PTEN-F81L-KFNCRVAQY	853	>PTEN-F81L- KLNCRVAQY	361	492
>PTEN-F81L-KFNCRVAQY	377	>PTEN-F81L- KLNCRVAQY	937	560
>PTEN-F81L-KFNCRVAQYF	170	>PTEN-F81L- KLNCRVAQYF	400	230
>PTEN-F81L-KFNCRVAQY	4007	>PTEN-F81L- KLNCRVAQY	354	3653
>PTEN-F81L-KFNCRVAQYF	101	>PTEN-F81L- KLNCRVAQYF	11	90
>PTEN-F81L-KFNCRVAQY	759	>PTEN-F81L- KLNCRVAQY	132	627
>PTEN-F81L-KFNCRVAQY	611	>PTEN-F81L- KLNCRVAQY	57	554

>PTEN-F81L- <sup>-</sup> KFNCRVAQYF	431	>PTEN-F81L- <sub>-</sub> KLNCRVAQYF	41	390
>PTEN-F81L- <sup>-</sup> KFNCRVAQY	2714	>PTEN-F81L- <sub>-</sub> KLNCRVAQY	187	2527
>PTEN-F81L- <sup>-</sup> KFNCRVAQYF	331	>PTEN-F81L- <sub>-</sub> KLNCRVAQYF	15	316
>PTEN-F81L- <sup>-</sup> KFNCRVAQY	6027	>PTEN-F81L- <sub>-</sub> KLNCRVAQY	124	5903
>PTEN-F81L- <sup>-</sup> KFNCRVAQY	131	>PTEN-F81L- <sub>-</sub> KLNCRVAQY	178	47
>PTEN-F81L- <sup>-</sup> CAERHYDTAK	9086	>PTEN-F81L- <sub>-</sub> CAERHYDTAK	481	8605
>PTEN-F81L- <sup>-</sup> AKFNCRVAQ`	381	>PTEN-F81L- <sub>-</sub> AKLNCRVAQ`	1636	1255
>PTEN-F81L- <sup>-</sup> AKFNCRVAQ`	197	>PTEN-F81L- <sub>-</sub> AKLNCRVAQ`	532	335
>PTEN-F81L- <sup>-</sup> AKFNCRVA	52	>PTEN-F81L- <sub>-</sub> AKLNCRVA	212	160
>PTEN-F81L- <sup>-</sup> AKFNCRVAQ	43	>PTEN-F81L- <sub>-</sub> AKLNCRVAQ	115	72
>PTEN-F81L- <sup>-</sup> AKFNCRVAQ`	3	>PTEN-F81L- <sub>-</sub> AKLNCRVAQ`	6	3
>PTEN-F81L- <sup>-</sup> AKFNCRVAQ`	114	>PTEN-F81L- <sub>-</sub> AKLNCRVAQ`	443	329
>PTEN-F81L- <sup>-</sup> TAKFNCRVAC	362	>PTEN-F81L- <sub>-</sub> TAKLNCRVAC	748	386
>PTEN-F81L- <sup>-</sup> TAKFNCRVAC	97	>PTEN-F81L- <sub>-</sub> TAKLNCRVAC	89	8
>PTEN-F81L- <sup>-</sup> DTAKFNCR	20	>PTEN-F81L- <sub>-</sub> DTAKLNCR	33	13
>PTEN-F81L- <sup>-</sup> DTAKFNCR	3	>PTEN-F81L- <sub>-</sub> DTAKLNCR	4	1
>PTEN-F81L- <sup>-</sup> DTAKFNCRV/	171	>PTEN-F81L- <sub>-</sub> DTAKLNCRV/	341	170
>PTEN-F81L- <sup>-</sup> DTAKFNCRV	12	>PTEN-F81L- <sub>-</sub> DTAKLNCRV	12	0
>PTEN-F81L- <sup>-</sup> DTAKFNCRV/	460	>PTEN-F81L- <sub>-</sub> DTAKLNCRV/	1351	891
>PTEN-F81L- <sup>-</sup> DTAKFNCRV	7	>PTEN-F81L- <sub>-</sub> DTAKLNCRV	17	10
>PTEN-F81L- <sup>-</sup> YDTAKFNCRV	183	>PTEN-F81L- <sub>-</sub> YDTAKLNCRV	278	95
>PTEN-F81L- <sup>-</sup> HYDTAKFNCF	204	>PTEN-F81L- <sub>-</sub> HYDTAKLNCF	441	237
>PTEN-F81L- <sup>-</sup> HYDTAKFNCF	29	>PTEN-F81L- <sub>-</sub> HYDTAKLNCF	58	29
>PTEN-F81L- <sup>-</sup> RHYDTAKF	418	>PTEN-F81L- <sub>-</sub> RHYDTAKL	7806	7388
>PTEN-F81L- <sup>-</sup> RHYDTAKFNC	374	>PTEN-F81L- <sub>-</sub> RHYDTAKLNC	875	501
>PTEN-F81L- <sup>-</sup> RHYDTAKF	7	>PTEN-F81L- <sub>-</sub> RHYDTAKL	139	132
>PTEN-F81L- <sup>-</sup> RHYDTAKF	2311	>PTEN-F81L- <sub>-</sub> RHYDTAKL	300	2011
>PTEN-F81L- <sup>-</sup> RHYDTAKF	384	>PTEN-F81L- <sub>-</sub> RHYDTAKL	4484	4100
>PTEN-F81L- <sup>-</sup> RHYDTAKF	3319	>PTEN-F81L- <sub>-</sub> RHYDTAKL	142	3177
>PTEN-F81L- <sup>-</sup> RHYDTAKF	71	>PTEN-F81L- <sub>-</sub> RHYDTAKL	498	427
>PTEN-F81L- <sup>-</sup> RHYDTAKFNCF	71	>PTEN-F81L- <sub>-</sub> RHYDTAKLNCF	143	72
>PTEN-F81L- <sup>-</sup> ERHYDTAKF	202	>PTEN-F81L- <sub>-</sub> ERHYDTAKL	2315	2113
>PTEN-F81L- <sup>-</sup> AERHYDTAKF	33	>PTEN-F81L- <sub>-</sub> AERHYDTAKL	651	618
>PTEN-F81L- <sup>-</sup> AERHYDTAKF	83	>PTEN-F81L- <sub>-</sub> AERHYDTAKL	522	439
>PTEN-F81L- <sup>-</sup> AERHYDTAKF	256	>PTEN-F81L- <sub>-</sub> AERHYDTAKL	1807	1551
>PTEN-F81L- <sup>-</sup> AERHYDTAKF	258	>PTEN-F81L- <sub>-</sub> AERHYDTAKL	103	155
>PTEN-F81S- <sup>-</sup> FNCRVAQY	418	>PTEN-F81S- <sub>-</sub> SNCRVAQY	2329	1911
>PTEN-F81S- <sup>-</sup> FNCRVAQYPI	119	>PTEN-F81S- <sub>-</sub> SNCRVAQYPI	574	455
>PTEN-F81S- <sup>-</sup> KFNCRVAQY	2798	>PTEN-F81S- <sub>-</sub> KSNCRVAQY	246	2552
>PTEN-F81S- <sup>-</sup> KFNCRVAQYF	235	>PTEN-F81S- <sub>-</sub> KSNCRVAQYF	7369	7134
>PTEN-F81S- <sup>-</sup> KFNCRVAQYF	412	>PTEN-F81S- <sub>-</sub> KSNCRVAQYF	4765	4353
>PTEN-F81S- <sup>-</sup> KFNCRVAQYF	140	>PTEN-F81S- <sub>-</sub> KSNCRVAQYF	11527	11387
>PTEN-F81S- <sup>-</sup> KFNCRVAQY	167	>PTEN-F81S- <sub>-</sub> KSNCRVAQY	2533	2366

>PTEN-F81S- KFNCRVAQY	1372	>PTEN-F81S- KSNCRVAQY	359	1013
>PTEN-F81S- KFNCRVAQY	853	>PTEN-F81S- KSNCRVAQY	219	634
>PTEN-F81S- KFNCRVAQY	377	>PTEN-F81S- KSNCRVAQY	568	191
>PTEN-F81S- KFNCRVAQYF	170	>PTEN-F81S- KSNCRVAQYF	306	136
>PTEN-F81S- KFNCRVAQYF	101	>PTEN-F81S- KSNCRVAQYF	15	86
>PTEN-F81S- KFNCRVAQY	611	>PTEN-F81S- KSNCRVAQY	90	521
>PTEN-F81S- KFNCRVAQYF	431	>PTEN-F81S- KSNCRVAQYF	68	363
>PTEN-F81S- KFNCRVAQY	2714	>PTEN-F81S- KSNCRVAQY	124	2590
>PTEN-F81S- KFNCRVAQYF	331	>PTEN-F81S- KSNCRVAQYF	12	319
>PTEN-F81S- KFNCRVAQY	6027	>PTEN-F81S- KSNCRVAQY	3	6024
>PTEN-F81S- KFNCRVAQYF	14747	>PTEN-F81S- KSNCRVAQYF	5	14742
>PTEN-F81S- KFNCRVAQY	22992	>PTEN-F81S- KSNCRVAQY	408	22584
>PTEN-F81S- KFNCRVAQYF	21566	>PTEN-F81S- KSNCRVAQYF	194	21372
>PTEN-F81S- KFNCRVAQY	3699	>PTEN-F81S- KSNCRVAQY	28	3671
>PTEN-F81S- KFNCRVAQYF	1474	>PTEN-F81S- KSNCRVAQYF	21	1453
>PTEN-F81S- KFNCRVAQY	2209	>PTEN-F81S- KSNCRVAQY	72	2137
>PTEN-F81S- KFNCRVAQY	131	>PTEN-F81S- KSNCRVAQY	355	224
>PTEN-F81S- AKFNCRVAQ'	381	>PTEN-F81S- AKSNCRVAQ'	888	507
>PTEN-F81S- AKFNCRVAQ'	197	>PTEN-F81S- AKSNCRVAQ'	365	168
>PTEN-F81S- AKFNCRVA	52	>PTEN-F81S- AKSNCRVA	358	306
>PTEN-F81S- AKFNCRVAQ	43	>PTEN-F81S- AKSNCRVAQ	197	154
>PTEN-F81S- AKFNCRVAQ'	3	>PTEN-F81S- AKSNCRVAQ'	9	6
>PTEN-F81S- AKFNCRVAQ'	114	>PTEN-F81S- AKSNCRVAQ'	846	732
>PTEN-F81S- TAKFNCRVAC	573	>PTEN-F81S- TAKSNCRVAC	426	147
>PTEN-F81S- TAKFNCRVAC	362	>PTEN-F81S- TAKSNCRVAC	262	100
>PTEN-F81S- TAKFNCRVAC	97	>PTEN-F81S- TAKSNCRVAC	93	4
>PTEN-F81S- DTAKFNCR	20	>PTEN-F81S- DTAKSNCR	56	36
>PTEN-F81S- DTAKFNCR	3	>PTEN-F81S- DTAKSNCR	4	1
>PTEN-F81S- DTAKFNCRV/	171	>PTEN-F81S- DTAKSNCRV/	234	63
>PTEN-F81S- DTAKFNCRV	12	>PTEN-F81S- DTAKSNCRV	16	4
>PTEN-F81S- DTAKFNCRV/	460	>PTEN-F81S- DTAKSNCRV/	1557	1097
>PTEN-F81S- DTAKFNCRV	7	>PTEN-F81S- DTAKSNCRV	22	15
>PTEN-F81S- YDTAKFNCRV	183	>PTEN-F81S- YDTAKSNCRV	196	13
>PTEN-F81S- HYDTAKFNCF	204	>PTEN-F81S- HYDTAKSNCF	880	676
>PTEN-F81S- HYDTAKFNCF	29	>PTEN-F81S- HYDTAKSNCF	63	34
>PTEN-F81S- RHYDTAKF	418	>PTEN-F81S- RHYDTAKS	30655	30237
>PTEN-F81S- RHYDTAKFNCF	374	>PTEN-F81S- RHYDTAKSNCF	1402	1028
>PTEN-F81S- RHYDTAKF	7	>PTEN-F81S- RHYDTAKS	6025	6018
>PTEN-F81S- RHYDTAKF	384	>PTEN-F81S- RHYDTAKS	21096	20712
>PTEN-F81S- RHYDTAKF	71	>PTEN-F81S- RHYDTAKS	6163	6092
>PTEN-F81S- RHYDTAKFNCF	71	>PTEN-F81S- RHYDTAKSNCF	122	51
>PTEN-F81S- ERHYDTAKF	202	>PTEN-F81S- ERHYDTAKS	14633	14431
>PTEN-F81S- AERHYDTAKF	33	>PTEN-F81S- AERHYDTAKS	10021	9988

>PTEN-F81S- AERHYDTAKF	83	>PTEN-F81S- AERHYDTAKS	7053	6970
>PTEN-F81S- AERHYDTAKF	256	>PTEN-F81S- AERHYDTAKS	11547	11291
>PTEN-F81S- AERHYDTAKF	258	>PTEN-F81S- AERHYDTAKS	10995	10737
>PTEN-F90L- FEDHNPPQL	169	>PTEN-F90L- LEDHNPPQL	3776	3607
>PTEN-F90L- FEDHNPPQLE	275	>PTEN-F90L- LEDHNPPQLE	4631	4356
>PTEN-F90L- FEDHNPPQL	116	>PTEN-F90L- LEDHNPPQL	173	57
>PTEN-F90L- FEDHNPPQLE	47	>PTEN-F90L- LEDHNPPQLE	66	19
>PTEN-F90L- FEDHNPPQL	314	>PTEN-F90L- LEDHNPPQL	853	539
>PTEN-F90L- FEDHNPPQLE	186	>PTEN-F90L- LEDHNPPQLE	461	275
>PTEN-F90L- FEDHNPPQL	128	>PTEN-F90L- LEDHNPPQL	277	149
>PTEN-F90L- PFEDHNPPQI	15806	>PTEN-F90L- PLEDHNPPQI	27	15779
>PTEN-F90L- KFNCRVAQYF	10402	>PTEN-F90L- KFNCRVAQYF	391	10011
>PTEN-F90L- KFNCRVAQYF	235	>PTEN-F90L- KFNCRVAQYF	3402	3167
>PTEN-F90L- KFNCRVAQYF	412	>PTEN-F90L- KFNCRVAQYF	2570	2158
>PTEN-F90L- KFNCRVAQYF	140	>PTEN-F90L- KFNCRVAQYF	2130	1990
>PTEN-F90L- KFNCRVAQYF	2797	>PTEN-F90L- KFNCRVAQYF	261	2536
>PTEN-F90L- KFNCRVAQYF	170	>PTEN-F90L- KFNCRVAQYF	124	46
>PTEN-F90L- KFNCRVAQYF	101	>PTEN-F90L- KFNCRVAQYF	346	245
>PTEN-F90L- KFNCRVAQYF	431	>PTEN-F90L- KFNCRVAQYF	7820	7389
>PTEN-F90L- KFNCRVAQYF	331	>PTEN-F90L- KFNCRVAQYF	4707	4376
>PTEN-F90L- YPFEDHNPPC	43	>PTEN-F90L- YPLEDHNPPC	169	126
>PTEN-F90L- YPFEDHNPPC	145	>PTEN-F90L- YPLEDHNPPC	81	64
>PTEN-F90L- YPFEDHNPPC	145	>PTEN-F90L- YPLEDHNPPC	111	34
>PTEN-F90L- YPFEDHNPP	145	>PTEN-F90L- YPLEDHNPP	279	134
>PTEN-F90L- YPFEDHNPPC	43	>PTEN-F90L- YPLEDHNPPC	70	27
>PTEN-F90L- YPFEDHNPPC	22	>PTEN-F90L- YPLEDHNPPC	30	8
>PTEN-F90L- YPFEDHNPPC	530	>PTEN-F90L- YPLEDHNPPC	337	193
>PTEN-F90L- YPFEDHNPP	291	>PTEN-F90L- YPLEDHNPP	413	122
>PTEN-F90L- AQYPFEDH	105	>PTEN-F90L- AQYPLEDH	442	337
>PTEN-F90L- AQYPFEDHNI	263	>PTEN-F90L- AQYPLEDHNI	547	284
>PTEN-F90L- CRVAQYPF	32	>PTEN-F90L- CRVAQYPL	515	483
>PTEN-F90L- CRVAQYPF	283	>PTEN-F90L- CRVAQYPL	220	63
>PTEN-F90L- CRVAQYPF	1716	>PTEN-F90L- CRVAQYPL	94	1622
>PTEN-F90L- CRVAQYPF	2120	>PTEN-F90L- CRVAQYPL	398	1722
>PTEN-F90L- CRVAQYPF	214	>PTEN-F90L- CRVAQYPL	83	131
>PTEN-F90L- FNCRVAQYPI	119	>PTEN-F90L- FNCRVAQYPI	2561	2442
>PTEN-F90L- FNCRVAQYPI	6728	>PTEN-F90L- FNCRVAQYPI	314	6414
>PTEN-F90S- FEDHNPPQL	169	>PTEN-F90S- SEDHNPPQL	1141	972
>PTEN-F90S- FEDHNPPQLE	275	>PTEN-F90S- SEDHNPPQLE	1562	1287
>PTEN-F90S- FEDHNPPQL	116	>PTEN-F90S- SEDHNPPQL	339	223
>PTEN-F90S- FEDHNPPQLE	47	>PTEN-F90S- SEDHNPPQLE	128	81
>PTEN-F90S- FEDHNPPQL	314	>PTEN-F90S- SEDHNPPQL	624	310
>PTEN-F90S- FEDHNPPQLE	186	>PTEN-F90S- SEDHNPPQLE	346	160

>PTEN-F90S- FEDHNPPQL	128	>PTEN-F90S- SEDHNPPQL	394	266
>PTEN-F90S- KFNCRVAQYF	235	>PTEN-F90S- KFNCRVAQYF	24730	24495
>PTEN-F90S- KFNCRVAQYF	412	>PTEN-F90S- KFNCRVAQYF	22793	22381
>PTEN-F90S- KFNCRVAQYF	140	>PTEN-F90S- KFNCRVAQYF	21374	21234
>PTEN-F90S- KFNCRVAQYF	170	>PTEN-F90S- KFNCRVAQYF	572	402
>PTEN-F90S- KFNCRVAQYF	101	>PTEN-F90S- KFNCRVAQYF	9528	9427
>PTEN-F90S- KFNCRVAQYF	431	>PTEN-F90S- KFNCRVAQYF	19331	18900
>PTEN-F90S- KFNCRVAQYF	331	>PTEN-F90S- KFNCRVAQYF	18821	18490
>PTEN-F90S- YPFEDHNPPC	43	>PTEN-F90S- YPSEDHNPPC	837	794
>PTEN-F90S- YPFEDHNPPC	145	>PTEN-F90S- YPSEDHNPPC	626	481
>PTEN-F90S- YPFEDHNPPC	145	>PTEN-F90S- YPSEDHNPPC	76	69
>PTEN-F90S- YPFEDHNPP	145	>PTEN-F90S- YPSEDHNPP	162	17
>PTEN-F90S- YPFEDHNPPC	43	>PTEN-F90S- YPSEDHNPPC	40	3
>PTEN-F90S- YPFEDHNPPC	22	>PTEN-F90S- YPSEDHNPPC	38	16
>PTEN-F90S- YPFEDHNPPC	530	>PTEN-F90S- YPSEDHNPPC	261	269
>PTEN-F90S- YPFEDHNPP	291	>PTEN-F90S- YPSEDHNPP	1353	1062
>PTEN-F90S- AQYPFEDH	105	>PTEN-F90S- AQYPSEDH	96	9
>PTEN-F90S- AQYPFEDHNI	263	>PTEN-F90S- AQYPSEDHNI	169	94
>PTEN-F90S- CRVAQYPF	32	>PTEN-F90S- CRVAQYPS	8251	8219
>PTEN-F90S- CRVAQYPF	283	>PTEN-F90S- CRVAQYPS	2632	2349
>PTEN-F90S- CRVAQYPF	214	>PTEN-F90S- CRVAQYPS	3821	3607
>PTEN-F90S- FNCRVAQYPI	119	>PTEN-F90S- FNCRVAQYPS	20192	20073
>PTEN-G127IAGKRTGVM	308	>PTEN-G127IAEKRTGVM	500	192
>PTEN-G127IAGKRTGVM	16244	>PTEN-G127IAEKRTGVM	116	16128
>PTEN-G127IAGKRTGV	39637	>PTEN-G127IAEKRTGV	365	39272
>PTEN-G127IAGKRTGVM	28566	>PTEN-G127IAEKRTGVM	417	28149
>PTEN-G127IAGKRTGV	33935	>PTEN-G127IAEKRTGV	50	33885
>PTEN-G127IAGKRTGVM	35990	>PTEN-G127IAEKRTGVM	249	35741
>PTEN-G127IAGKRTGVM	34715	>PTEN-G127IAEKRTGVM	144	34571
>PTEN-G127IAGKRTGVM	20065	>PTEN-G127IAEKRTGVM	15	20050
>PTEN-G127IAGKRTGVM	34659	>PTEN-G127IAEKRTGVM	138	34521
>PTEN-G127IKAGKRTGVI	135	>PTEN-G127IKAEKRTGVI	136	1
>PTEN-G127IHCKAGKGR	345	>PTEN-G127IHCKAEKGR	164	181
>PTEN-G127IAIHCKAGK	243	>PTEN-G127IAIHCKAEK	433	190
>PTEN-G127IAIHCKAGK	221	>PTEN-G127IAIHCKAEK	140	81
>PTEN-G127IAIHCKAGK	29	>PTEN-G127IAIHCKAEK	30	1
>PTEN-G127IAIHCKAGKGF	407	>PTEN-G127IAIHCKAEKGR	743	336
>PTEN-G127IAAIHCKAGK	252	>PTEN-G127IAAIHCKAEK	153	99
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>PTEN-G127IAAIHCKAGKE	447	>PTEN-G127IAAIHCKAEKG	509	62
>PTEN-G127IVAAIHCKAGK	459	>PTEN-G127IVAAIHCKAEK	311	148
>PTEN-G127HVAAIHCKAC	90	>PTEN-G127HVAAIHCKAE	96	6
>PTEN-G127HVAAIHCKAC	114	>PTEN-G127HVAAIHCKAE	78	36

>PTEN-G127IHVAAIHCKAC	64	>PTEN-G127IHVAAIHCKAE	43	21
>PTEN-G127IHVAAIHCKAC	185	>PTEN-G127IHVAAIHCKAE	87	98
>PTEN-G127IHVAAIHCKAC	7	>PTEN-G127IHVAAIHCKAE	7	0
>PTEN-G127'GKGRTGVM	964	>PTEN-G127'VKGRTGVM	298	666
>PTEN-G127'GKGRTGVM	308	>PTEN-G127'VKGRTGVM	76	232
>PTEN-G127'AGKGRTGV	6933	>PTEN-G127'AVKGRTGV	40	6893
>PTEN-G127'AGKGRTGV	6148	>PTEN-G127'AVKGRTGV	16	6132
>PTEN-G127'AGKGRTGVM	27343	>PTEN-G127'AVKGRTGVM	296	27047
>PTEN-G127'AGKGRTGV	3445	>PTEN-G127'AVKGRTGV	190	3255
>PTEN-G127'AGKGRTGVM	2906	>PTEN-G127'AVKGRTGVM	106	2800
>PTEN-G127'AGKGRTGVM	861	>PTEN-G127'AVKGRTGVM	34	827
>PTEN-G127'AGKGRTGVM	3911	>PTEN-G127'AVKGRTGVM	71	3840
>PTEN-G127'AGKGRTGVM	1551	>PTEN-G127'AVKGRTGVM	290	1261
>PTEN-G127'AGKGRTGVM	1481	>PTEN-G127'AVKGRTGVM	470	1011
>PTEN-G127'NHVAAIHCKA	6390	>PTEN-G127'NHVAAIHCKA	162	6228
>PTEN-G127'KAGKGRTGV	2898	>PTEN-G127'KAVKGRTGV	248	2650
>PTEN-G127'KAGKGRTGVI	1139	>PTEN-G127'KAVKGRTGVI	39	1100
>PTEN-G127'KAGKGRTGVI	3622	>PTEN-G127'KAVKGRTGVI	129	3493
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>PTEN-G127'KAGKGRTGVI	135	>PTEN-G127'KAVKGRTGVI	165	30
>PTEN-G127'HCKAGKGR	1003	>PTEN-G127'HCKAVKGR	483	520
>PTEN-G127'HCKAGKGR	345	>PTEN-G127'HCKAVKGR	169	176
>PTEN-G127'IHCKAGKGR	954	>PTEN-G127'IHCKAVKGR	349	605
>PTEN-G127'AIHCKAGK	243	>PTEN-G127'AIHCKAVK	250	7
>PTEN-G127'AIHCKAGK	221	>PTEN-G127'AIHCKAVK	160	61
>PTEN-G127'AIHCKAGK	29	>PTEN-G127'AIHCKAVK	20	9
>PTEN-G127'AIHCKAGKGF	407	>PTEN-G127'AIHCKAVKGR	296	111
>PTEN-G127'AIHCKAGKGF	1530	>PTEN-G127'AIHCKAVKGR	470	1060
>PTEN-G127'AAIHCKAG	24912	>PTEN-G127'AAIHCKAV	345	24567
>PTEN-G127'AAIHCKAGK	252	>PTEN-G127'AAIHCKAVK	291	39
>PTEN-G127'AAIHCKAGKC	447	>PTEN-G127'AAIHCKAVKC	360	87
>PTEN-G127'AAIHCKAGKC	719	>PTEN-G127'AAIHCKAVKC	385	334
>PTEN-G127'VAAIHCKAGK	459	>PTEN-G127'VAAIHCKAVK	632	173
>PTEN-G127'HVAAIHCKAC	34348	>PTEN-G127'HVAAIHCKAV	151	34197
>PTEN-G127'HVAAIHCKAC	90	>PTEN-G127'HVAAIHCKAV	90	0
>PTEN-G127'HVAAIHCKAC	114	>PTEN-G127'HVAAIHCKAV	119	5
>PTEN-G127'HVAAIHCKAC	64	>PTEN-G127'HVAAIHCKAV	42	22
>PTEN-G127'HVAAIHCKAC	185	>PTEN-G127'HVAAIHCKAV	120	65
>PTEN-G127'HVAAIHCKAC	7	>PTEN-G127'HVAAIHCKAV	10	3
>PTEN-G127'HVAAIHCKAC	26315	>PTEN-G127'HVAAIHCKAV	101	26214
>PTEN-G127'HVAAIHCKAC	12816	>PTEN-G127'HVAAIHCKAV	70	12746
>PTEN-G129IGRTGVMICA'	14659	>PTEN-G129IGRTGVMICAY	360	14299
>PTEN-G129IGRTGVMICA'	113	>PTEN-G129IGRTGVMICAY	654	541



>PTEN-G129IGRTGVMICA\	258	>PTEN-G129IERTGVMICAY	1853	1595
>PTEN-G129IGRTGVMICA\	334	>PTEN-G129IERTGVMICAY	1213	879
>PTEN-G129IGRTGVMICA\	78	>PTEN-G129IERTGVMICAY	2302	2224
>PTEN-G129IKGRTGVMI	26291	>PTEN-G129IKERTGVMI	8	26283
>PTEN-G129IKGRTGVMI	29	>PTEN-G129IKERTGVMI	933	904
>PTEN-G129IKGRTGVMIC	365	>PTEN-G129IKERTGVMIC	6423	6058
>PTEN-G129IKGRTGVMIC/	21	>PTEN-G129IKERTGVMIC/	902	881
>PTEN-G129IKGRTGVMIC/	38	>PTEN-G129IKERTGVMIC/	1410	1372
>PTEN-G129IKGRTGVMIC/	314	>PTEN-G129IKERTGVMIC/	1921	1607
>PTEN-G129IKGRTGVMIC/	165	>PTEN-G129IKERTGVMIC/	143	22
>PTEN-G129IKGRTGVMI	2875	>PTEN-G129IKERTGVMI	449	2426
>PTEN-G129IKGRTGVMIC/	174	>PTEN-G129IKERTGVMIC/	29	145
>PTEN-G129IKGRTGVMIC/	135	>PTEN-G129IKERTGVMIC/	6518	6383
>PTEN-G129IKGRTGVMIC/	10566	>PTEN-G129IKERTGVMIC/	104	10462
>PTEN-G129IKGRTGVMI	24050	>PTEN-G129IKERTGVMI	307	23743
>PTEN-G129IKGRTGVMI	35387	>PTEN-G129IKERTGVMI	237	35150
>PTEN-G129IKGRTGVMI	8228	>PTEN-G129IKERTGVMI	30	8198
>PTEN-G129IKGRTGVMIC	28876	>PTEN-G129IKERTGVMIC	20	28856
>PTEN-G129IKGRTGVMIC/	38064	>PTEN-G129IKERTGVMIC/	478	37586
>PTEN-G129IKGRTGVMIC/	35409	>PTEN-G129IKERTGVMIC/	140	35269
>PTEN-G129IGKRTGVMI	308	>PTEN-G129IGKERTGVMI	1115	807
>PTEN-G129IKAGKRTGVI	135	>PTEN-G129IKAGKERTGVI	164	29
>PTEN-G129IHCKAGKGR	1003	>PTEN-G129IHCKAGKER	498	505
>PTEN-G129IHCKAGKGR	345	>PTEN-G129IHCKAGKER	643	298
>PTEN-G129IAHCKAGKGF	407	>PTEN-G129IAHCKAGKER	471	64
>PTEN-G129AAIHCKAGKE	447	>PTEN-G129AAIHCKAGKE	222	225
>PTEN-G129IGRTGVMICA\	2501	>PTEN-G129IRRTGVMICA\	321	2180
>PTEN-G129IGRTGVMICA\	1375	>PTEN-G129IRRTGVMICA\	222	1153
>PTEN-G129IGRTGVMICA	756	>PTEN-G129IRRTGVMICA	106	650
>PTEN-G129IGRTGVMICA\	113	>PTEN-G129IRRTGVMICA\	20	93
>PTEN-G129IGRTGVMICA\	258	>PTEN-G129IRRTGVMICA\	53	205
>PTEN-G129IGRTGVMIC	19316	>PTEN-G129IRRTGVMIC	453	18863
>PTEN-G129IGRTGVMICA	5040	>PTEN-G129IRRTGVMICA	273	4767
>PTEN-G129IGRTGVMICA\	334	>PTEN-G129IRRTGVMICA\	38	296
>PTEN-G129IGRTGVMICA\	78	>PTEN-G129IRRTGVMICA\	34	44
>PTEN-G129IKGRTGVMI	29	>PTEN-G129IKRRTGVMI	159	130
>PTEN-G129IKGRTGVMIC	365	>PTEN-G129IKRRTGVMIC	2343	1978
>PTEN-G129IKGRTGVMIC/	21	>PTEN-G129IKRRTGVMIC/	128	107
>PTEN-G129IKGRTGVMIC/	38	>PTEN-G129IKRRTGVMIC/	228	190
>PTEN-G129IKGRTGVMIC/	314	>PTEN-G129IKRRTGVMIC/	1003	689
>PTEN-G129IKGRTGVMIC/	165	>PTEN-G129IKRRTGVMIC/	2837	2672
>PTEN-G129IKGRTGVMI	2875	>PTEN-G129IKRRTGVMI	60	2815
>PTEN-G129IKGRTGVMIC/	174	>PTEN-G129IKRRTGVMIC/	9	165

>PTEN-G129 KGRTGVMIC/	135	>PTEN-G129 KRRTGVMIC/	11145	11010
>PTEN-G129 KGRTGVM	19915	>PTEN-G129 KRRTGVM	254	19661
>PTEN-G129 KGRTGVMIC/	29297	>PTEN-G129 KRRTGVMIC/	388	28909
>PTEN-G129 KGRTGVM	11034	>PTEN-G129 KRRTGVM	40	10994
>PTEN-G129 KGRTGVMIC	15612	>PTEN-G129 KRRTGVMIC	77	15535
>PTEN-G129 KGRTGVMIC/	20654	>PTEN-G129 KRRTGVMIC/	157	20497
>PTEN-G129 KGRTGVMIC/	9259	>PTEN-G129 KRRTGVMIC/	80	9179
>PTEN-G129 KGRTGVMIC/	26096	>PTEN-G129 KRRTGVMIC/	232	25864
>PTEN-G129 KGRTGVMIC/	26776	>PTEN-G129 KRRTGVMIC/	250	26526
>PTEN-G129 VAAIHCKAGK	38595	>PTEN-G129 VAAIHCKAGK	340	38255
>PTEN-G129 GKGRTGVM	964	>PTEN-G129 GKRRTGVM	82	882
>PTEN-G129 GKGRTGVM	308	>PTEN-G129 GKRRTGVM	23	285
>PTEN-G129 AGKRTGVM	861	>PTEN-G129 AGKRRTGVM	261	600
>PTEN-G129 AGKRTGVM	3140	>PTEN-G129 AGKRRTGVM	342	2798
>PTEN-G129 KAGKRTGVI	135	>PTEN-G129 KAGKRRTGVI	165	30
>PTEN-G129 HCKAGKGR	345	>PTEN-G129 HCKAGKRR	399	54
>PTEN-G129 AIHCKAGKGF	407	>PTEN-G129 AIHCKAGKRR	393	14
>PTEN-G129 AAIHCKAGKC	26518	>PTEN-G129 AAIHCKAGKR	126	26392
>PTEN-G129 AAIHCKAGKC	447	>PTEN-G129 AAIHCKAGKR	249	198
>PTEN-G129 GRTGVMICA\	113	>PTEN-G129 VRTGVMICA\	583	470
>PTEN-G129 GRTGVMICA\	258	>PTEN-G129 VRTGVMICA\	617	359
>PTEN-G129 GRTGVMICA\	334	>PTEN-G129 VRTGVMICA\	1450	1116
>PTEN-G129 GRTGVMICA\	78	>PTEN-G129 VRTGVMICA\	409	331
>PTEN-G129 KGRTGVMIC/	7063	>PTEN-G129 KVRTGVMIC/	190	6873
>PTEN-G129 KGRTGVMIC/	22171	>PTEN-G129 KVRTGVMIC/	195	21976
>PTEN-G129 KGRTGVM	29	>PTEN-G129 KVRTGVM	5	24
>PTEN-G129 KGRTGVMIC	365	>PTEN-G129 KVRTGVMIC	17	348
>PTEN-G129 KGRTGVMIC/	21	>PTEN-G129 KVRTGVMIC/	4	17
>PTEN-G129 KGRTGVMIC/	38	>PTEN-G129 KVRTGVMIC/	5	33
>PTEN-G129 KGRTGVMIC/	314	>PTEN-G129 KVRTGVMIC/	138	176
>PTEN-G129 KGRTGVM	13844	>PTEN-G129 KVRTGVM	332	13512
>PTEN-G129 KGRTGVMIC/	7012	>PTEN-G129 KVRTGVMIC/	340	6672
>PTEN-G129 KGRTGVMIC/	165	>PTEN-G129 KVRTGVMIC/	71	94
>PTEN-G129 KGRTGVMIC/	174	>PTEN-G129 KVRTGVMIC/	99	75
>PTEN-G129 KGRTGVM	2687	>PTEN-G129 KVRTGVM	454	2233
>PTEN-G129 KGRTGVMIC/	135	>PTEN-G129 KVRTGVMIC/	35	100
>PTEN-G129 KGRTGVMIC/	666	>PTEN-G129 KVRTGVMIC/	219	447
>PTEN-G129 GKGRTGVM	964	>PTEN-G129 GKVRTGVM	177	787
>PTEN-G129 GKGRTGVM	308	>PTEN-G129 GKVRTGVM	54	254
>PTEN-G129 KAGKRTGVI	135	>PTEN-G129 KAGKVRTGVI	138	3
>PTEN-G129 HCKAGKGR	345	>PTEN-G129 HCKAGKVR	260	85
>PTEN-G129 AIHCKAGKG	17386	>PTEN-G129 AIHCKAGKV	55	17331
>PTEN-G129 AIHCKAGKG	27357	>PTEN-G129 AIHCKAGKV	251	27106

>PTEN-G129' AIHCKAGKGF	407	>PTEN-G129' AIHCKAGKVR	960	553
>PTEN-G129' AAIHCKAGKC	447	>PTEN-G129' AAIHCKAGKV	310	137
>PTEN-G132IGVMICAYL	66	>PTEN-G132IDVMICAYL	7531	7465
>PTEN-G132IGVMICAYLL	57	>PTEN-G132IDVMICAYLL	7037	6980
>PTEN-G132IGVMICAYL	20	>PTEN-G132IDVMICAYL	871	851
>PTEN-G132IGVMICAYLL	18	>PTEN-G132IDVMICAYLL	933	915
>PTEN-G132IGVMICAYL	260	>PTEN-G132IDVMICAYL	5432	5172
>PTEN-G132IGVMICAYL	51	>PTEN-G132IDVMICAYL	2848	2797
>PTEN-G132IGVMICAYLL	112	>PTEN-G132IDVMICAYLL	5903	5791
>PTEN-G132IGVMICAYL	346	>PTEN-G132IDVMICAYL	10034	9688
>PTEN-G132IGVMICAYLL	327	>PTEN-G132IDVMICAYLL	10387	10060
>PTEN-G132IGVMICAYL	403	>PTEN-G132IDVMICAYL	572	169
>PTEN-G132IGVMICAYLLH	52	>PTEN-G132IDVMICAYLLH	2731	2679
>PTEN-G132IGVMICAYLLH	38	>PTEN-G132IDVMICAYLLH	324	286
>PTEN-G132IGVMICAYLLH	3232	>PTEN-G132IDVMICAYLLH	219	3013
>PTEN-G132IGVMICAYLLH	1046	>PTEN-G132IDVMICAYLLH	16	1030
>PTEN-G132IGVMICAYLLH	177	>PTEN-G132IDVMICAYLLH	19	158
>PTEN-G132IGVMICAYL	485	>PTEN-G132IDVMICAYL	15	470
>PTEN-G132IGVMICAYLL	582	>PTEN-G132IDVMICAYLL	14	568
>PTEN-G132IGVMICAYL	4563	>PTEN-G132IDVMICAYL	69	4494
>PTEN-G132IGVMICAYLL	7932	>PTEN-G132IDVMICAYLL	206	7726
>PTEN-G132IGVMICAYLL	222	>PTEN-G132IDVMICAYLL	6406	6184
>PTEN-G132IGVMICAYLLH	198	>PTEN-G132IDVMICAYLLH	940	742
>PTEN-G132IGVMICAYLLH	132	>PTEN-G132IDVMICAYLLH	101	31
>PTEN-G132ITGVMICAYL	13572	>PTEN-G132ITDVMICAYL	455	13117
>PTEN-G132ITGVMICAYL	267	>PTEN-G132ITDVMICAYL	1350	1083
>PTEN-G132ITGVMICAY	166	>PTEN-G132ITDVMICAY	1173	1007
>PTEN-G132ITGVMICAYLL	13380	>PTEN-G132ITDVMICAYLL	160	13220
>PTEN-G132IRTGVMICAY	976	>PTEN-G132IRTDVMICAY	12	964
>PTEN-G132IRTGVMICAYL	1073	>PTEN-G132IRTDVMICAYL	385	688
>PTEN-G132IRTGVMICAY	243	>PTEN-G132IRTDVMICAY	469	226
>PTEN-G132IRTGVMICAYL	398	>PTEN-G132IRTDVMICAYL	418	20
>PTEN-G132IRTGVMICAY	169	>PTEN-G132IRTDVMICAY	456	287
>PTEN-G132IRTGVMICAYL	114	>PTEN-G132IRTDVMICAYL	207	93
>PTEN-G132IRTGVMICAYL	74	>PTEN-G132IRTDVMICAYL	60	14
>PTEN-G132IRTGVMICAY	228	>PTEN-G132IRTDVMICAY	651	423
>PTEN-G132IRTGVMICAY	70	>PTEN-G132IRTDVMICAY	448	378
>PTEN-G132IRTGVMICAY	13	>PTEN-G132IRTDVMICAY	10	3
>PTEN-G132IRTGVMICAYL	12	>PTEN-G132IRTDVMICAYL	8	4
>PTEN-G132IRTGVMICAYL	14	>PTEN-G132IRTDVMICAYL	9	5
>PTEN-G132IRTGVMICAY	205	>PTEN-G132IRTDVMICAY	144	61
>PTEN-G132IRTGVMICAYL	438	>PTEN-G132IRTDVMICAYL	311	127
>PTEN-G132IRTGVMICAYL	428	>PTEN-G132IRTDVMICAYL	287	141

>PTEN-G132 RTGVMICAYL	90	>PTEN-G132 RTDVMICAYL	115	25
>PTEN-G132 RTGVMICAYL	56	>PTEN-G132 RTDVMICAYL	63	7
>PTEN-G132 RTGVMICAY	378	>PTEN-G132 RTDVMICAY	308	70
>PTEN-G132 RTGVMICAYL	72	>PTEN-G132 RTDVMICAYL	96	24
>PTEN-G132 RTGVMICAYL	235	>PTEN-G132 RTDVMICAYL	189	46
>PTEN-G132 RTGVMICAYL	394	>PTEN-G132 RTDVMICAYL	543	149
>PTEN-G132 GRTGVMICA`	113	>PTEN-G132 GRTDVMICA`	125	12
>PTEN-G132 GRTGVMICA`	258	>PTEN-G132 GRTDVMICA`	598	340
>PTEN-G132 GRTGVMICA`	334	>PTEN-G132 GRTDVMICA`	408	74
>PTEN-G132 GRTGVMICA`	78	>PTEN-G132 GRTDVMICA`	46	32
>PTEN-G132 KGRTGVM	29	>PTEN-G132 KGRTDVM	105	76
>PTEN-G132 KGRTGVMIC	365	>PTEN-G132 KGRTDVMIC	2169	1804
>PTEN-G132 KGRTGVMIC/	21	>PTEN-G132 KGRTDVMIC/	58	37
>PTEN-G132 KGRTGVMIC/	38	>PTEN-G132 KGRTDVMIC/	116	78
>PTEN-G132 KGRTGVMIC/	314	>PTEN-G132 KGRTDVMIC/	406	92
>PTEN-G132 KGRTGVMIC/	165	>PTEN-G132 KGRTDVMIC/	275	110
>PTEN-G132 KGRTGVMIC/	174	>PTEN-G132 KGRTDVMIC/	185	11
>PTEN-G132 KGRTGVMIC/	135	>PTEN-G132 KGRTDVMIC/	477	342
>PTEN-G132 GKGRTGVM	308	>PTEN-G132 GKGRTDVM	2143	1835
>PTEN-G132 KAGKRTGVI	135	>PTEN-G132 KAGKRTDVI	142	7
>PTEN-G132 GVMICAYL	2779	>PTEN-G132 RVMICAYL	470	2309
>PTEN-G132 GVMICAYL	66	>PTEN-G132 RVMICAYL	45	21
>PTEN-G132 GVMICAYLL	57	>PTEN-G132 RVMICAYLL	38	19
>PTEN-G132 GVMICAYL	20	>PTEN-G132 RVMICAYL	25	5
>PTEN-G132 GVMICAYLL	18	>PTEN-G132 RVMICAYLL	22	4
>PTEN-G132 GVMICAYL	260	>PTEN-G132 RVMICAYL	167	93
>PTEN-G132 GVMICAYL	51	>PTEN-G132 RVMICAYL	18	33
>PTEN-G132 GVMICAYLL	112	>PTEN-G132 RVMICAYLL	29	83
>PTEN-G132 GVMICAYL	844	>PTEN-G132 RVMICAYL	435	409
>PTEN-G132 GVMICAYL	346	>PTEN-G132 RVMICAYL	769	423
>PTEN-G132 GVMICAYLL	327	>PTEN-G132 RVMICAYLL	715	388
>PTEN-G132 GVMICAYL	403	>PTEN-G132 RVMICAYL	167	236
>PTEN-G132 GVMICAYLLH	1009	>PTEN-G132 RVMICAYLLH	436	573
>PTEN-G132 GVMICAYLLH	881	>PTEN-G132 RVMICAYLLH	133	748
>PTEN-G132 GVMICAYLLH	52	>PTEN-G132 RVMICAYLLH	37	15
>PTEN-G132 GVMICAYL	7566	>PTEN-G132 RVMICAYL	344	7222
>PTEN-G132 GVMICAYLLH	7431	>PTEN-G132 RVMICAYLLH	425	7006
>PTEN-G132 GVMICAYL	3336	>PTEN-G132 RVMICAYL	215	3121
>PTEN-G132 GVMICAYLL	5098	>PTEN-G132 RVMICAYLL	326	4772
>PTEN-G132 GVMICAYLLH	3093	>PTEN-G132 RVMICAYLLH	257	2836
>PTEN-G132 GVMICAYLLH	38	>PTEN-G132 RVMICAYLLH	10	28
>PTEN-G132 GVMICAYL	6744	>PTEN-G132 RVMICAYL	318	6426
>PTEN-G132 GVMICAYLL	2144	>PTEN-G132 RVMICAYLL	55	2089

>PTEN-G132IGVMICAYLLH	177	>PTEN-G132IRVMICAYLLH	191	14
>PTEN-G132IGVMICAYL	485	>PTEN-G132IRVMICAYL	178	307
>PTEN-G132IGVMICAYLL	582	>PTEN-G132IRVMICAYLL	186	396
>PTEN-G132IGVMICAYL	1630	>PTEN-G132IRVMICAYL	48	1582
>PTEN-G132IGVMICAYLL	2055	>PTEN-G132IRVMICAYLL	80	1975
>PTEN-G132IGVMICAYLL	222	>PTEN-G132IRVMICAYLL	148	74
>PTEN-G132IGVMICAYLLH	198	>PTEN-G132IRVMICAYLLH	554	356
>PTEN-G132IGVMICAYLLH	132	>PTEN-G132IRVMICAYLLH	17	115
>PTEN-G132ITGVMICAYL	267	>PTEN-G132ITRVMICAYL	2428	2161
>PTEN-G132ITGVMICAY	4049	>PTEN-G132ITRVMICAY	202	3847
>PTEN-G132ITGVMICAYLL	26518	>PTEN-G132ITRVMICAYLL	165	26353
>PTEN-G132ITGVMICAY	166	>PTEN-G132ITRVMICAY	4766	4600
>PTEN-G132ITGVMICAYLL	6247	>PTEN-G132ITRVMICAYLL	115	6132
>PTEN-G132IRTGVMICAY	828	>PTEN-G132IRTRVMICAY	489	339
>PTEN-G132IRTGVMICA	980	>PTEN-G132IRTRVMICA	4	976
>PTEN-G132IRTGVMICAY	1333	>PTEN-G132IRTRVMICAY	5	1328
>PTEN-G132IRTGVMICAYL	550	>PTEN-G132IRTRVMICAYL	4	546
>PTEN-G132IRTGVMICAYL	1899	>PTEN-G132IRTRVMICAYL	6	1893
>PTEN-G132IRTGVMICAY	243	>PTEN-G132IRTRVMICAY	289	46
>PTEN-G132IRTGVMICAYL	398	>PTEN-G132IRTRVMICAYL	649	251
>PTEN-G132IRTGVMICAYL	1242	>PTEN-G132IRTRVMICAYL	309	933
>PTEN-G132IRTGVMICAY	169	>PTEN-G132IRTRVMICAY	567	398
>PTEN-G132IRTGVMICAYL	114	>PTEN-G132IRTRVMICAYL	303	189
>PTEN-G132IRTGVMICAYL	74	>PTEN-G132IRTRVMICAYL	100	26
>PTEN-G132IRTGVMICAY	228	>PTEN-G132IRTRVMICAY	1458	1230
>PTEN-G132IRTGVMICAY	70	>PTEN-G132IRTRVMICAY	48	22
>PTEN-G132IRTGVMICAY	767	>PTEN-G132IRTRVMICAY	74	693
>PTEN-G132IRTGVMICAY	13	>PTEN-G132IRTRVMICAY	5	8
>PTEN-G132IRTGVMICAYL	12	>PTEN-G132IRTRVMICAYL	3	9
>PTEN-G132IRTGVMICAYL	14	>PTEN-G132IRTRVMICAYL	3	11
>PTEN-G132IRTGVMICAY	205	>PTEN-G132IRTRVMICAY	1636	1431
>PTEN-G132IRTGVMICAYL	438	>PTEN-G132IRTRVMICAYL	2639	2201
>PTEN-G132IRTGVMICAYL	428	>PTEN-G132IRTRVMICAYL	2843	2415
>PTEN-G132IRTGVMICAYL	90	>PTEN-G132IRTRVMICAYL	241	151
>PTEN-G132IRTGVMICAYL	56	>PTEN-G132IRTRVMICAYL	130	74
>PTEN-G132IRTGVMICAY	378	>PTEN-G132IRTRVMICAY	42	336
>PTEN-G132IRTGVMICAYL	72	>PTEN-G132IRTRVMICAYL	36	36
>PTEN-G132IRTGVMICAYL	235	>PTEN-G132IRTRVMICAYL	21	214
>PTEN-G132IRTGVMICAYL	1163	>PTEN-G132IRTRVMICAYL	213	950
>PTEN-G132IRTGVMICAYL	1191	>PTEN-G132IRTRVMICAYL	220	971
>PTEN-G132IRTGVMICAYL	394	>PTEN-G132IRTRVMICAYL	410	16
>PTEN-G132IGRTGVMICA\	113	>PTEN-G132IGRTRVMICA\	104	9
>PTEN-G132IGRTGVMICA\	258	>PTEN-G132IGRTRVMICA\	306	48

>PTEN-G132 GRTGVMICA\	334	>PTEN-G132 GRTRVMICA\	142	192
>PTEN-G132 GRTGVMICA\	78	>PTEN-G132 GRTRVMICA\	36	42
>PTEN-G132 KGRTGVM	29	>PTEN-G132 KGRTRVMI	15	14
>PTEN-G132 KGRTGVMIC	365	>PTEN-G132 KGRTRVMIC	185	180
>PTEN-G132 KGRTGVMIC/	21	>PTEN-G132 KGRTRVMIC/	14	7
>PTEN-G132 KGRTGVMIC/	38	>PTEN-G132 KGRTRVMIC/	27	11
>PTEN-G132 KGRTGVMIC/	314	>PTEN-G132 KGRTRVMIC/	826	512
>PTEN-G132 KGRTGVMIC/	165	>PTEN-G132 KGRTRVMIC/	253	88
>PTEN-G132 KGRTGVMIC/	174	>PTEN-G132 KGRTRVMIC/	215	41
>PTEN-G132 KGRTGVMIC/	135	>PTEN-G132 KGRTRVMIC/	163	28
>PTEN-G132 GKGRTRVMI	308	>PTEN-G132 GKGRTRVMI	584	276
>PTEN-G132 AGKGRTRVM	861	>PTEN-G132 AGKGRTRVM	358	503
>PTEN-G132 KAGKGRTRG	20718	>PTEN-G132 KAGKGRTR	80	20638
>PTEN-G132 KAGKGRTRVI	135	>PTEN-G132 KAGKGRTRVI	153	18
>PTEN-G132!GVMICAYL	2779	>PTEN-G132!SVMICAYL	143	2636
>PTEN-G132!GVMICAYL	66	>PTEN-G132!SVMICAYL	36	30
>PTEN-G132!GVMICAYLL	57	>PTEN-G132!SVMICAYLL	29	28
>PTEN-G132!GVMICAYL	20	>PTEN-G132!SVMICAYL	16	4
>PTEN-G132!GVMICAYLL	18	>PTEN-G132!SVMICAYLL	14	4
>PTEN-G132!GVMICAYL	260	>PTEN-G132!SVMICAYL	180	80
>PTEN-G132!GVMICAYL	51	>PTEN-G132!SVMICAYL	28	23
>PTEN-G132!GVMICAYLL	112	>PTEN-G132!SVMICAYLL	45	67
>PTEN-G132!GVMICAYL	844	>PTEN-G132!SVMICAYL	368	476
>PTEN-G132!GVMICAYL	346	>PTEN-G132!SVMICAYL	703	357
>PTEN-G132!GVMICAYLL	327	>PTEN-G132!SVMICAYLL	665	338
>PTEN-G132!GVMICAYL	403	>PTEN-G132!SVMICAYL	214	189
>PTEN-G132!GVMICAYL	574	>PTEN-G132!SVMICAYL	238	336
>PTEN-G132!GVMICAYLLH	1450	>PTEN-G132!SVMICAYLLH	468	982
>PTEN-G132!GVMICAYLLH	52	>PTEN-G132!SVMICAYLLH	25	27
>PTEN-G132!GVMICAYLLH	38	>PTEN-G132!SVMICAYLLH	22	16
>PTEN-G132!GVMICAYLLH	1046	>PTEN-G132!SVMICAYLLH	289	757
>PTEN-G132!GVMICAYLLH	177	>PTEN-G132!SVMICAYLLH	40	137
>PTEN-G132!GVMICAYL	485	>PTEN-G132!SVMICAYL	16	469
>PTEN-G132!GVMICAYLL	582	>PTEN-G132!SVMICAYLL	14	568
>PTEN-G132!GVMICAYL	4563	>PTEN-G132!SVMICAYL	154	4409
>PTEN-G132!GVMICAYLL	7932	>PTEN-G132!SVMICAYLL	467	7465
>PTEN-G132!GVMICAYLL	2770	>PTEN-G132!SVMICAYLL	477	2293
>PTEN-G132!GVMICAYLL	222	>PTEN-G132!SVMICAYLL	219	3
>PTEN-G132!GVMICAYLLH	198	>PTEN-G132!SVMICAYLLH	158	40
>PTEN-G132!GVMICAYLLH	132	>PTEN-G132!SVMICAYLLH	35	97
>PTEN-G132!TGVMICAYL	1775	>PTEN-G132!TSVMICAYL	415	1360
>PTEN-G132!TGVMICAYL	1039	>PTEN-G132!TSVMICAYL	473	566
>PTEN-G132!TGVMICAY	11431	>PTEN-G132!TSVMICAY	55	11376

>PTEN-G132!TGVMICAY	2263	>PTEN-G132!TSVMICAY	401	1862
>PTEN-G132!TGVMICAY	567	>PTEN-G132!TSVMICAY	161	406
>PTEN-G132!TGVMICAY	6199	>PTEN-G132!TSVMICAY	369	5830
>PTEN-G132!TGVMICAYL	267	>PTEN-G132!TSVMICAYL	16	251
>PTEN-G132!TGVMICAYLL	6101	>PTEN-G132!TSVMICAYLL	127	5974
>PTEN-G132!TGVMICAY	714	>PTEN-G132!TSVMICAY	170	544
>PTEN-G132!TGVMICAY	4049	>PTEN-G132!TSVMICAY	412	3637
>PTEN-G132!TGVMICAY	2810	>PTEN-G132!TSVMICAY	14	2796
>PTEN-G132!TGVMICAYL	10495	>PTEN-G132!TSVMICAYL	64	10431
>PTEN-G132!TGVMICAYLL	9886	>PTEN-G132!TSVMICAYLL	80	9806
>PTEN-G132!TGVMICAY	166	>PTEN-G132!TSVMICAY	145	21
>PTEN-G132!TGVMICAYL	1397	>PTEN-G132!TSVMICAYL	38	1359
>PTEN-G132!TGVMICAYLL	791	>PTEN-G132!TSVMICAYLL	22	769
>PTEN-G132!TGVMICAY	3532	>PTEN-G132!TSVMICAY	89	3443
>PTEN-G132!TGVMICAYL	1647	>PTEN-G132!TSVMICAYL	126	1521
>PTEN-G132!TGVMICAYLL	4572	>PTEN-G132!TSVMICAYLLI	415	4157
>PTEN-G132!RTGVMICAY	976	>PTEN-G132!RTSVMICAY	144	832
>PTEN-G132!RTGVMICAYL	583	>PTEN-G132!RTSVMICAYL	224	359
>PTEN-G132!RTGVMICAYL	1352	>PTEN-G132!RTSVMICAYL	156	1196
>PTEN-G132!RTGVMICAYL	532	>PTEN-G132!RTSVMICAYL	238	294
>PTEN-G132!RTGVMICAY	913	>PTEN-G132!RTSVMICAY	157	756
>PTEN-G132!RTGVMICA	980	>PTEN-G132!RTSVMICA	178	802
>PTEN-G132!RTGVMICAY	1333	>PTEN-G132!RTSVMICAY	226	1107
>PTEN-G132!RTGVMICAYL	550	>PTEN-G132!RTSVMICAYL	97	453
>PTEN-G132!RTGVMICAYL	1899	>PTEN-G132!RTSVMICAYL	431	1468
>PTEN-G132!RTGVMICAY	243	>PTEN-G132!RTSVMICAY	82	161
>PTEN-G132!RTGVMICAYL	398	>PTEN-G132!RTSVMICAYL	275	123
>PTEN-G132!RTGVMICAY	169	>PTEN-G132!RTSVMICAY	166	3
>PTEN-G132!RTGVMICAYL	114	>PTEN-G132!RTSVMICAYL	91	23
>PTEN-G132!RTGVMICAYL	74	>PTEN-G132!RTSVMICAYL	21	53
>PTEN-G132!RTGVMICAY	228	>PTEN-G132!RTSVMICAY	638	410
>PTEN-G132!RTGVMICAY	70	>PTEN-G132!RTSVMICAY	58	12
>PTEN-G132!RTGVMICAY	767	>PTEN-G132!RTSVMICAY	194	573
>PTEN-G132!RTGVMICAY	13	>PTEN-G132!RTSVMICAY	4	9
>PTEN-G132!RTGVMICAYL	12	>PTEN-G132!RTSVMICAYL	5	7
>PTEN-G132!RTGVMICAYL	14	>PTEN-G132!RTSVMICAYL	6	8
>PTEN-G132!RTGVMICAY	205	>PTEN-G132!RTSVMICAY	51	154
>PTEN-G132!RTGVMICAYL	438	>PTEN-G132!RTSVMICAYL	85	353
>PTEN-G132!RTGVMICAYL	428	>PTEN-G132!RTSVMICAYL	82	346
>PTEN-G132!RTGVMICAYL	90	>PTEN-G132!RTSVMICAYL	44	46
>PTEN-G132!RTGVMICAYL	56	>PTEN-G132!RTSVMICAYL	26	30
>PTEN-G132!RTGVMICAY	378	>PTEN-G132!RTSVMICAY	100	278
>PTEN-G132!RTGVMICAYL	72	>PTEN-G132!RTSVMICAYL	26	46

>PTEN-G132!RTGVMICAYL	235	>PTEN-G132!RTSVMICAYL	50	185
>PTEN-G132!RTGVMICAY	3713	>PTEN-G132!RTSVMICAY	180	3533
>PTEN-G132!RTGVMICAYL	1191	>PTEN-G132!RTSVMICAYL	424	767
>PTEN-G132!RTGVMICAYL	394	>PTEN-G132!RTSVMICAYL	227	167
>PTEN-G132!GRTGVMICA'	1375	>PTEN-G132!GRTSVMICAY	418	957
>PTEN-G132!GRTGVMICA'	113	>PTEN-G132!GRTSVMICAY	117	4
>PTEN-G132!GRTGVMICA'	258	>PTEN-G132!GRTSVMICAY	348	90
>PTEN-G132!GRTGVMICA'	334	>PTEN-G132!GRTSVMICAY	211	123
>PTEN-G132!GRTGVMICA'	78	>PTEN-G132!GRTSVMICAY	53	25
>PTEN-G132!KGRTGVMIC	29	>PTEN-G132!KGRTSVMIC	14	15
>PTEN-G132!KGRTGVMIC	365	>PTEN-G132!KGRTSVMIC	145	220
>PTEN-G132!KGRTGVMIC/	21	>PTEN-G132!KGRTSVMIC/	15	6
>PTEN-G132!KGRTGVMIC/	38	>PTEN-G132!KGRTSVMIC/	25	13
>PTEN-G132!KGRTGVMIC/	314	>PTEN-G132!KGRTSVMIC/	543	229
>PTEN-G132!KGRTGVMIC/	165	>PTEN-G132!KGRTSVMIC/	153	12
>PTEN-G132!KGRTGVMIC/	174	>PTEN-G132!KGRTSVMIC/	66	108
>PTEN-G132!KGRTGVMIC/	135	>PTEN-G132!KGRTSVMIC/	67	68
>PTEN-G132!GKGRTGVM	964	>PTEN-G132!GKGRTSVM	170	794
>PTEN-G132!GKGRTGVM	308	>PTEN-G132!GKGRTSVM	316	8
>PTEN-G132!AGKGRTGVM	861	>PTEN-G132!AGKGRTSVM	385	476
>PTEN-G132!AGKGRTGVM	1481	>PTEN-G132!AGKGRTSVM	93	1388
>PTEN-G132!KAGKGRTGVM	1139	>PTEN-G132!KAGKGRTSVM	434	705
>PTEN-G132!KAGKGRTGVM	135	>PTEN-G132!KAGKGRTSVM	93	42
>PTEN-G132!CKAGKGRTGVM	2391	>PTEN-G132!CKAGKGRTSVM	415	1976
>PTEN-G132!HCKAGKGRTGVM	1478	>PTEN-G132!HCKAGKGRTSVM	469	1009
>PTEN-G132!GVMICAYL	2779	>PTEN-G132!VVMICAYL	51	2728
>PTEN-G132!GVMICAYLL	3813	>PTEN-G132!VVMICAYLL	353	3460
>PTEN-G132!GVMICAYL	66	>PTEN-G132!VVMICAYL	56	10
>PTEN-G132!GVMICAYLL	57	>PTEN-G132!VVMICAYLL	48	9
>PTEN-G132!GVMICAYL	20	>PTEN-G132!VVMICAYL	31	11
>PTEN-G132!GVMICAYLL	18	>PTEN-G132!VVMICAYLL	28	10
>PTEN-G132!GVMICAYL	260	>PTEN-G132!VVMICAYL	259	1
>PTEN-G132!GVMICAYL	51	>PTEN-G132!VVMICAYL	28	23
>PTEN-G132!GVMICAYLL	112	>PTEN-G132!VVMICAYLL	48	64
>PTEN-G132!GVMICAYL	844	>PTEN-G132!VVMICAYL	346	498
>PTEN-G132!GVMICAYL	346	>PTEN-G132!VVMICAYL	838	492
>PTEN-G132!GVMICAYLL	327	>PTEN-G132!VVMICAYLL	809	482
>PTEN-G132!GVMICAYL	403	>PTEN-G132!VVMICAYL	44	359
>PTEN-G132!GVMICAYLL	2518	>PTEN-G132!VVMICAYLL	206	2312
>PTEN-G132!GVMICAYL	574	>PTEN-G132!VVMICAYL	169	405
>PTEN-G132!GVMICAYLLH	52	>PTEN-G132!VVMICAYLLH	54	2
>PTEN-G132!GVMICAYLLH	38	>PTEN-G132!VVMICAYLLH	30	8
>PTEN-G132!GVMICAYLLH	1046	>PTEN-G132!VVMICAYLLH	230	816



>PTEN-G132'GVMICAYLLH	177	>PTEN-G132'VVMICAYLLH	116	61
>PTEN-G132'GVMICAYL	485	>PTEN-G132'VVMICAYL	84	401
>PTEN-G132'GVMICAYLL	582	>PTEN-G132'VVMICAYLL	85	497
>PTEN-G132'GVMICAYL	1630	>PTEN-G132'VVMICAYL	446	1184
>PTEN-G132'GVMICAYLL	222	>PTEN-G132'VVMICAYLL	369	147
>PTEN-G132'GVMICAYLLH	198	>PTEN-G132'VVMICAYLLH	739	541
>PTEN-G132'GVMICAYLLH	132	>PTEN-G132'VVMICAYLLH	78	54
>PTEN-G132'TGVMICAYL	1775	>PTEN-G132'TVVMICAYL	477	1298
>PTEN-G132'TGVMICAYL	1039	>PTEN-G132'TVVMICAYL	91	948
>PTEN-G132'TGVMICAYLL	8148	>PTEN-G132'TVVMICAYLL	349	7799
>PTEN-G132'TGVMICAYL	10990	>PTEN-G132'TVVMICAYL	376	10614
>PTEN-G132'TGVMICAYL	3369	>PTEN-G132'TVVMICAYL	106	3263
>PTEN-G132'TGVMICAYLL	6418	>PTEN-G132'TVVMICAYLL	198	6220
>PTEN-G132'TGVMICAY	15284	>PTEN-G132'TVVMICAY	386	14898
>PTEN-G132'TGVMICAY	11758	>PTEN-G132'TVVMICAY	57	11701
>PTEN-G132'TGVMICAY	11431	>PTEN-G132'TVVMICAY	15	11416
>PTEN-G132'TGVMICAYL	30525	>PTEN-G132'TVVMICAYL	292	30233
>PTEN-G132'TGVMICAY	2263	>PTEN-G132'TVVMICAY	100	2163
>PTEN-G132'TGVMICAY	567	>PTEN-G132'TVVMICAY	265	302
>PTEN-G132'TGVMICAY	6199	>PTEN-G132'TVVMICAY	146	6053
>PTEN-G132'TGVMICAYL	267	>PTEN-G132'TVVMICAYL	8	259
>PTEN-G132'TGVMICAYLL	6101	>PTEN-G132'TVVMICAYLL	104	5997
>PTEN-G132'TGVMICAYL	12764	>PTEN-G132'TVVMICAYL	270	12494
>PTEN-G132'TGVMICAY	714	>PTEN-G132'TVVMICAY	200	514
>PTEN-G132'TGVMICAY	166	>PTEN-G132'TVVMICAY	71	95
>PTEN-G132'TGVMICAY	1635	>PTEN-G132'TVVMICAY	345	1290
>PTEN-G132'RTGVMICAYL	583	>PTEN-G132'RTVVMICAYL	473	110
>PTEN-G132'RTGVMICAYL	532	>PTEN-G132'RTVVMICAYL	356	176
>PTEN-G132'RTGVMICAYL	1151	>PTEN-G132'RTVVMICAYL	256	895
>PTEN-G132'RTGVMICAYL	4570	>PTEN-G132'RTVVMICAYL	320	4250
>PTEN-G132'RTGVMICAY	828	>PTEN-G132'RTVVMICAY	23	805
>PTEN-G132'RTGVMICA	980	>PTEN-G132'RTVVMICA	390	590
>PTEN-G132'RTGVMICAYL	550	>PTEN-G132'RTVVMICAYL	214	336
>PTEN-G132'RTGVMICAY	243	>PTEN-G132'RTVVMICAY	266	23
>PTEN-G132'RTGVMICAYL	398	>PTEN-G132'RTVVMICAYL	379	19
>PTEN-G132'RTGVMICAY	169	>PTEN-G132'RTVVMICAY	144	25
>PTEN-G132'RTGVMICAYL	632	>PTEN-G132'RTVVMICAYL	483	149
>PTEN-G132'RTGVMICAYL	114	>PTEN-G132'RTVVMICAYL	92	22
>PTEN-G132'RTGVMICAYL	74	>PTEN-G132'RTVVMICAYL	20	54
>PTEN-G132'RTGVMICAY	228	>PTEN-G132'RTVVMICAY	567	339
>PTEN-G132'RTGVMICAY	70	>PTEN-G132'RTVVMICAY	58	12
>PTEN-G132'RTGVMICAY	767	>PTEN-G132'RTVVMICAY	189	578
>PTEN-G132'RTGVMICAY	13	>PTEN-G132'RTVVMICAY	3	10

>PTEN-G132' RTGVMICAYL	12	>PTEN-G132' RTVVMICAYL	3	9
>PTEN-G132' RTGVMICAYL	14	>PTEN-G132' RTVVMICAYL	4	10
>PTEN-G132' RTGVMICAY	205	>PTEN-G132' RTVVMICAY	49	156
>PTEN-G132' RTGVMICAYL	438	>PTEN-G132' RTVVMICAYL	91	347
>PTEN-G132' RTGVMICAYL	428	>PTEN-G132' RTVVMICAYL	85	343
>PTEN-G132' RTGVMICAYL	90	>PTEN-G132' RTVVMICAYL	63	27
>PTEN-G132' RTGVMICAYL	56	>PTEN-G132' RTVVMICAYL	35	21
>PTEN-G132' RTGVMICAY	378	>PTEN-G132' RTVVMICAY	124	254
>PTEN-G132' RTGVMICAYL	72	>PTEN-G132' RTVVMICAYL	58	14
>PTEN-G132' RTGVMICAYL	235	>PTEN-G132' RTVVMICAYL	61	174
>PTEN-G132' RTGVMICAY	3713	>PTEN-G132' RTVVMICAY	209	3504
>PTEN-G132' RTGVMICAYL	394	>PTEN-G132' RTVVMICAYL	481	87
>PTEN-G132' GRTGVMICA'	113	>PTEN-G132' GRTVVMICA'	143	30
>PTEN-G132' GRTGVMICA'	258	>PTEN-G132' GRTVVMICA'	347	89
>PTEN-G132' GRTGVMICA'	334	>PTEN-G132' GRTVVMICA'	149	185
>PTEN-G132' GRTGVMICA'	78	>PTEN-G132' GRTVVMICA'	28	50
>PTEN-G132' KGRTGVM	29	>PTEN-G132' KGRTVVM	29	0
>PTEN-G132' KGRTGVMIC	365	>PTEN-G132' KGRTVVMIC	465	100
>PTEN-G132' KGRTGVMIC/	21	>PTEN-G132' KGRTVVMIC/	22	1
>PTEN-G132' KGRTGVMIC/	38	>PTEN-G132' KGRTVVMIC/	42	4
>PTEN-G132' KGRTGVMIC/	314	>PTEN-G132' KGRTVVMIC/	444	130
>PTEN-G132' KGRTGVMIC/	165	>PTEN-G132' KGRTVVMIC/	225	60
>PTEN-G132' KGRTGVMIC/	174	>PTEN-G132' KGRTVVMIC/	218	44
>PTEN-G132' KGRTGVMIC/	135	>PTEN-G132' KGRTVVMIC/	462	327
>PTEN-G132' GKGRGVM	964	>PTEN-G132' GKGRVVM	187	777
>PTEN-G132' GKGRGVM	308	>PTEN-G132' GKGRVVM	346	38
>PTEN-G132' KAGKGRGVM	135	>PTEN-G132' KAGKRVVM	127	8
>PTEN-G132' CKAGKGRGVM	2391	>PTEN-G132' CKAGKRVVM	461	1930
>PTEN-G156I GEVTRDKKC	178	>PTEN-G156I REVTRDKKC	195	17
>PTEN-G156I GEVTRDKKC	381	>PTEN-G156I REVTRDKKC	142	239
>PTEN-G156I GEVTRDKKC	89	>PTEN-G156I REVTRDKKC	78	11
>PTEN-G156I LKAQEALDFY	38723	>PTEN-G156I LKAQEALDFY	348	38375
>PTEN-G156I LKAQEALDFY	34329	>PTEN-G156I LKAQEALDFY	120	34209
>PTEN-G156I FYGEVTRDK	12224	>PTEN-G156I FYREVTRDK	162	12062
>PTEN-G156I FYGEVTRDK	13205	>PTEN-G156I FYREVTRDK	181	13024
>PTEN-G156I FYGEVTR	1479	>PTEN-G156I FYREVTR	328	1151
>PTEN-G156I FYGEVTR	163	>PTEN-G156I FYREVTR	29	134
>PTEN-G156I FYGEVTRDK	3395	>PTEN-G156I FYREVTRDK	497	2898
>PTEN-G156I FYGEVTR	107	>PTEN-G156I FYREVTR	289	182
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>PTEN-G156I DFYGEVTR	408	>PTEN-G156I DFYREVTR	589	181
>PTEN-G156I DFYGEVTR	291	>PTEN-G156I DFYREVTR	555	264
>PTEN-G156I ALDFYGEV	41	>PTEN-G156I ALDFYREV	54	13

>PTEN-G156IALDFYGEV	17	>PTEN-G156IALDFYREV	30	13
>PTEN-G156IALDFYGEV	34	>PTEN-G156IALDFYREV	92	58
>PTEN-G156IALDFYGEV	128	>PTEN-G156IALDFYREV	242	114
>PTEN-G156IALDFYGEV	3	>PTEN-G156IALDFYREV	4	1
>PTEN-G156IALDFYGEVRT	308	>PTEN-G156IALDFYREVRT	1310	1002
>PTEN-G156IALDFYGEV	12	>PTEN-G156IALDFYREV	32	20
>PTEN-G156IALDFYGEV	9	>PTEN-G156IALDFYREV	14	5
>PTEN-G156IALDFYGEV	29	>PTEN-G156IALDFYREV	57	28
>PTEN-G156IALDFYGEV	3	>PTEN-G156IALDFYREV	3	0
>PTEN-G156IALDFYGEVRT	416	>PTEN-G156IALDFYREVRT	496	80
>PTEN-G156IALDFYGEVR	2478	>PTEN-G156IALDFYREVR	431	2047
>PTEN-G156IEALDFYGEV	224	>PTEN-G156IEALDFYREV	225	1
>PTEN-G156IEALDFYGEV	188	>PTEN-G156IEALDFYREV	214	26
>PTEN-G156IEALDFYGEVR	1029	>PTEN-G156IEALDFYREVR	216	813
>PTEN-G156IEALDFYGEVR	299	>PTEN-G156IEALDFYREVR	165	134
>PTEN-G156IEALDFYGEVR	28	>PTEN-G156IEALDFYREVR	38	10
>PTEN-G156IEALDFYGEV	11	>PTEN-G156IEALDFYREV	31	20
>PTEN-G156IEALDFYGEV	4	>PTEN-G156IEALDFYREV	6	2
>PTEN-G156IEALDFYGEVR	510	>PTEN-G156IEALDFYREVR	377	133
>PTEN-G156IQEALDFYGEV	22	>PTEN-G156IQEALDFYREV	27	5
>PTEN-G156IQEALDFYG	40448	>PTEN-G156IQEALDFYR	473	39975
>PTEN-G156IQEALDFYGEV	112	>PTEN-G156IQEALDFYREV	104	8
>PTEN-G156IQEALDFYGEV	426	>PTEN-G156IQEALDFYREV	223	203
>PTEN-G156IQEALDFYGEV	361	>PTEN-G156IQEALDFYREV	350	11
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>PTEN-G156IQEALDFYG	31777	>PTEN-G156IQEALDFYR	55	31722
>PTEN-G156IAQEALDFYGE	422	>PTEN-G156IAQEALDFYRE	599	177
>PTEN-G156IAQEALDFYGE	39	>PTEN-G156IAQEALDFYRE	61	22
>PTEN-G156IAQEALDFYG	15334	>PTEN-G156IAQEALDFYR	14	15320
>PTEN-G156IAQEALDFYG	33208	>PTEN-G156IAQEALDFYR	77	33131
>PTEN-G156IKAQEALDFYC	33021	>PTEN-G156IKAQEALDFYR	479	32542
>PTEN-G156IKAQEALDFYC	20024	>PTEN-G156IKAQEALDFYR	25	19999
>PTEN-G156IKAQEALDFYC	37241	>PTEN-G156IKAQEALDFYR	324	36917
>PTEN-G156IKAQEALDFYC	26757	>PTEN-G156IKAQEALDFYR	73	26684
>PTEN-G165IGVTIPSQRRY	123	>PTEN-G165IEVTIPSQRRY	978	855
>PTEN-G165IGVTIPSQRRY	5811	>PTEN-G165IEVTIPSQRRY	24	5787
>PTEN-G165IGVTIPSQR	457	>PTEN-G165IEVTIPSQR	3532	3075
>PTEN-G165IGVTIPSQR	5749	>PTEN-G165IEVTIPSQR	144	5605
>PTEN-G165IGVTIPSQR	210	>PTEN-G165IEVTIPSQR	6	204
>PTEN-G165IGVTIPSQRR	1034	>PTEN-G165IEVTIPSQRR	23	1011
>PTEN-G165IGVTIPSQRRY	1919	>PTEN-G165IEVTIPSQRRY	13	1906
>PTEN-G165IGVTIPSQRRY	6769	>PTEN-G165IEVTIPSQRRY	37	6732
>PTEN-G165IGVTIPSQRRY	172	>PTEN-G165IEVTIPSQRRY	495	323

>PTEN-G165IKGVTIPSQRR	155	>PTEN-G165IKEVTIPSQRR`	1108	953
>PTEN-G165IKGVTIPSQR	208	>PTEN-G165IKEVTIPSQR	2020	1812
>PTEN-G165IKGVTIPSQRR	202	>PTEN-G165IKEVTIPSQRR`	6477	6275
>PTEN-G165IKGVTIPSQRR	34396	>PTEN-G165IKEVTIPSQRR`	141	34255
>PTEN-G165IKGVTIPSQRR	227	>PTEN-G165IKEVTIPSQRR`	1286	1059
>PTEN-G165IKGVTIPSQR	35166	>PTEN-G165IKEVTIPSQR	257	34909
>PTEN-G165IKGVTIPSQR	147	>PTEN-G165IKEVTIPSQR	179	32
>PTEN-G165IKGVTIPSQRR	120	>PTEN-G165IKEVTIPSQRR	147	27
>PTEN-G165IDKKGVTIPSQ	497	>PTEN-G165IDKKEVTIPSQI	339	158
>PTEN-G165IDKKGVTIPSQ	635	>PTEN-G165IDKKEVTIPSQI	432	203
>PTEN-G165IRDKKGVTI	179	>PTEN-G165IRDKKEVTI	424	245
>PTEN-G165IRDKKGVTI	852	>PTEN-G165IRDKKEVTI	272	580
>PTEN-G165IRTRDKKGV	14	>PTEN-G165IRTRDKKEV	15	1
>PTEN-G165IRTRDKKGV	71	>PTEN-G165IRTRDKKEVT	655	584
>PTEN-G165IRTRDKKGV	5	>PTEN-G165IRTRDKKEVTI	9	4
>PTEN-G165IRTRDKKGV	103	>PTEN-G165IRTRDKKEVTII	315	212
>PTEN-G165IRTRDKKGV	120	>PTEN-G165IRTRDKKEVTI	59	61
>PTEN-G165IRTRDKKGV	26	>PTEN-G165IRTRDKKEV	35	9
>PTEN-G165IRTRDKKGV	5	>PTEN-G165IRTRDKKEVTI	7	2
>PTEN-G165IRTRDKKGV	100	>PTEN-G165IRTRDKKEVTI	159	59
>PTEN-G165IGEVTRDKKC	178	>PTEN-G165IGEVTRDKKE	94	84
>PTEN-G165IGEVTRDKKC	381	>PTEN-G165IGEVTRDKKE	629	248
>PTEN-G165IGEVTRDKKC	89	>PTEN-G165IGEVTRDKKE	102	13
>PTEN-G165IGVTIPSQRRY`	623	>PTEN-G165IRVTIPSQRRY`	333	290
>PTEN-G165IGVTIPSQRRY`	123	>PTEN-G165IRVTIPSQRRY`	163	40
>PTEN-G165IGVTIPSQRRY`	5834	>PTEN-G165IRVTIPSQRRY`	142	5692
>PTEN-G165IGVTIPSQRRY`	765	>PTEN-G165IRVTIPSQRRY`	150	615
>PTEN-G165IGVTIPSQR	457	>PTEN-G165IRVTIPSQR	26	431
>PTEN-G165IGVTIPSQR	953	>PTEN-G165IRVTIPSQR	47	906
>PTEN-G165IGVTIPSQR	210	>PTEN-G165IRVTIPSQR	181	29
>PTEN-G165IGVTIPSQRRY	5519	>PTEN-G165IRVTIPSQRRY	271	5248
>PTEN-G165IGVTIPSQRRY	172	>PTEN-G165IRVTIPSQRRY	10	162
>PTEN-G165IGVTIPSQRRY	553	>PTEN-G165IRVTIPSQRRY	94	459
>PTEN-G165IKGVTIPSQRR	155	>PTEN-G165IKRVTIPSQRR`	520	365
>PTEN-G165IKGVTIPSQR	208	>PTEN-G165IKRVTIPSQR	5074	4866
>PTEN-G165IKGVTIPSQRR	3396	>PTEN-G165IKRVTIPSQRR`	104	3292
>PTEN-G165IKGVTIPSQRR	202	>PTEN-G165IKRVTIPSQRR`	10388	10186
>PTEN-G165IKGVTIPSQR	23025	>PTEN-G165IKRVTIPSQR	134	22891
>PTEN-G165IKGVTIPSQRR	24105	>PTEN-G165IKRVTIPSQRR	62	24043
>PTEN-G165IKGVTIPSQRR	22746	>PTEN-G165IKRVTIPSQRR`	220	22526
>PTEN-G165IKGVTIPSQRR	227	>PTEN-G165IKRVTIPSQRR`	1054	827
>PTEN-G165IKGVTIPSQ	19934	>PTEN-G165IKRVTIPSQ	68	19866
>PTEN-G165IKGVTIPSQRR	22505	>PTEN-G165IKRVTIPSQRR`	282	22223

>PTEN-G165IKGVTIPSQRR	30004	>PTEN-G165IKRVTIPSQRR	413	29591
>PTEN-G165IKGVTIPSQR	147	>PTEN-G165IKRVTIPSQR	183	36
>PTEN-G165IKGVTIPSQRR	120	>PTEN-G165IKRVTIPSQRR	147	27
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>PTEN-G165IKKGVTTIPSQ	11870	>PTEN-G165IKKRVTTIPSQ	63	11807
>PTEN-G165IKKGVTTIPSQR	14130	>PTEN-G165IKKRVTTIPSQR	210	13920
>PTEN-G165IKKGVTTIPSQR	14004	>PTEN-G165IKKRVTTIPSQR	181	13823
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>PTEN-G165IKKGVTTIPS	3518	>PTEN-G165IKKRVTTIPS	282	3236
>PTEN-G165IKKGVTTIPSQ	1228	>PTEN-G165IKKRVTTIPSQ	153	1075
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>PTEN-G165IKKGVTTIPSQR	1636	>PTEN-G165IKKRVTTIPSQR	140	1496
>PTEN-G165IDKKGVTIPSQ	497	>PTEN-G165IDKRVTTIPSQ	633	136
>PTEN-G165IRDKKGVTI	179	>PTEN-G165IRDKRVTI	321	142
>PTEN-G165IRTRDKKGV	14	>PTEN-G165IRTRDKKRV	12	2
>PTEN-G165IRTRDKKGVTT	71	>PTEN-G165IRTRDKKRVTT	49	22
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>PTEN-G165IRTRDKKGVTTI	120	>PTEN-G165IRTRDKKRVTTI	73	47
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>PTEN-G165IRTRDKKGVTTI	5	>PTEN-G165IRTRDKKRVTTI	6	1
>PTEN-G165IRTRDKKGVTTI	100	>PTEN-G165IRTRDKKRVTTI	128	28
>PTEN-G165IVRTRDKKGV	595	>PTEN-G165IVRTRDKKRV	459	136
>PTEN-G165IEVRTRDKKG	33110	>PTEN-G165IEVRTRDKKR	196	32914
>PTEN-G165IEVRTRDKKG	38420	>PTEN-G165IEVRTRDKKR	123	38297
>PTEN-G165IEVRTRDKK	178	>PTEN-G165IEVRTRDKKF	276	98
>PTEN-G165IEVRTRDKK	381	>PTEN-G165IEVRTRDKKF	1267	886
>PTEN-G165IEVRTRDKK	89	>PTEN-G165IEVRTRDKKF	88	1
>PTEN-G20E-GFDLDTYIY	565	>PTEN-G20E-EFDLDTYIY	278	287
>PTEN-G20E-GFDLDTYIY	5337	>PTEN-G20E-EFDLDTYIY	403	4934
>PTEN-G20E-GFDLDTY	62	>PTEN-G20E-EFDLDTY	322	260
>PTEN-G20E-GFDLDTYIY	64	>PTEN-G20E-EFDLDTYIY	93	29
>PTEN-G20E-GFDLDTYIY	369	>PTEN-G20E-EFDLDTYIY	549	180
>PTEN-G20E-GFDLDTY	126	>PTEN-G20E-EFDLDTY	237	111
>PTEN-G20E-DGFDLDTYI	6632	>PTEN-G20E-DEFDLDTYI	17	6615
>PTEN-G20E-DGFDLDTY	122	>PTEN-G20E-DEFDLDTY	208	86
>PTEN-G20E-DGFDLDTYI	160	>PTEN-G20E-DEFDLDTYIY	254	94
>PTEN-G20E-DGFDLDTYI	458	>PTEN-G20E-DEFDLDTYIY	2550	2092
>PTEN-G20E-DGFDLDT	23066	>PTEN-G20E-DEFDLDT	246	22820
>PTEN-G20E-DGFDLDTY	300	>PTEN-G20E-DEFDLDTY	3	297
>PTEN-G20E-DGFDLDTYI	34921	>PTEN-G20E-DEFDLDTYI	436	34485
>PTEN-G20E-DGFDLDTYI	299	>PTEN-G20E-DEFDLDTYIY	3	296
>PTEN-G20E-DGFDLDTY	37	>PTEN-G20E-DEFDLDTY	190	153

>PTEN-G20E-DGFDLDLTYI	76	>PTEN-G20E-DEFDLDLTYIY	506	430
>PTEN-G20E-DGFDLDLTYI	35156	>PTEN-G20E-DEFDLDLTYI	442	34714
>PTEN-G20E-DGFDLDLTY	19424	>PTEN-G20E-DEFDLDLTY	466	18958
>PTEN-G20E-DGFDLDLTYI	19647	>PTEN-G20E-DEFDLDLTYIY	334	19313
>PTEN-G20E-DGFDLDLTY	21445	>PTEN-G20E-DEFDLDLTY	23	21422
>PTEN-G20E-DGFDLDLTYI	28379	>PTEN-G20E-DEFDLDLTYI	221	28158
>PTEN-G20E-DGFDLDLTYI	21673	>PTEN-G20E-DEFDLDLTYIY	22	21651
>PTEN-G20E-DGFDLDLTYI	34258	>PTEN-G20E-DEFDLDLTYI	430	33828
>PTEN-G20E-QEDGFDLDT	44	>PTEN-G20E-QEDEFDLDT	27	17
>PTEN-G20E-QEDGFDDL	15	>PTEN-G20E-QEDEFDDL	30	15
>PTEN-G20E-QEDGFDLDT	114	>PTEN-G20E-QEDEFDLDT	104	10
>PTEN-G20E-YQEDGFDLDI	209	>PTEN-G20E-YQEDEFDLDL	334	125
>PTEN-G20E-YQEDGFDL	26	>PTEN-G20E-YQEDEFDL	51	25
>PTEN-G20E-YQEDGFDLDI	297	>PTEN-G20E-YQEDEFDLDL	223	74
>PTEN-G20E-YQEDGFDLDI	27	>PTEN-G20E-YQEDEFDLDL	49	22
>PTEN-G20E-YQEDGFDL	68	>PTEN-G20E-YQEDEFDL	157	89
>PTEN-G20E-YQEDGFDLDI	137	>PTEN-G20E-YQEDEFDLDL	287	150
>PTEN-G20E-YQEDGFDL	269	>PTEN-G20E-YQEDEFDL	1352	1083
>PTEN-G20E-RYQEDGFDL	467	>PTEN-G20E-RYQEDEFDL	361	106
>PTEN-G20E-RYQEDGFDL	320	>PTEN-G20E-RYQEDEFDL	467	147
>PTEN-G20E-RYQEDGFDL	6	>PTEN-G20E-RYQEDEFDL	6	0
>PTEN-G20E-RYQEDGFDLI	7	>PTEN-G20E-RYQEDEFDLI	7	0
>PTEN-G20E-RRYQEDGF	41	>PTEN-G20E-RRYQEDEF	14	27
>PTEN-G20E-RRYQEDGFDI	223	>PTEN-G20E-RRYQEDEFDL	281	58
>PTEN-G20E-RRYQEDGF	61	>PTEN-G20E-RRYQEDEF	83	22
>PTEN-G20E-RRYQEDGFDI	11	>PTEN-G20E-RRYQEDEFDL	14	3
>PTEN-G20E-RRYQEDGF	189	>PTEN-G20E-RRYQEDEF	91	98
>PTEN-G20E-RRYQEDGFDI	18	>PTEN-G20E-RRYQEDEFDL	19	1
>PTEN-G20E-RRYQEDGFDI	300	>PTEN-G20E-RRYQEDEFDL	441	141
>PTEN-G20E-RRYQEDGF	452	>PTEN-G20E-RRYQEDEF	439	13
>PTEN-G20E-RRYQEDGFDI	21	>PTEN-G20E-RRYQEDEFDL	25	4
>PTEN-G20E-RRYQEDGF	229	>PTEN-G20E-RRYQEDEF	348	119
>PTEN-G20E-KRRYQEDGF	93	>PTEN-G20E-KRRYQEDEF	26	67
>PTEN-G20E-KRRYQEDGFI	327	>PTEN-G20E-KRRYQEDEFI	562	235
>PTEN-G20E-KRRYQEDG	266	>PTEN-G20E-KRRYQEDEF	804	538
>PTEN-G20E-KRRYQEDGF	233	>PTEN-G20E-KRRYQEDEF	130	103
>PTEN-G20E-KRRYQEDGFI	203	>PTEN-G20E-KRRYQEDEFI	284	81
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>PTEN-G20E-NKRRYQEDG	55	>PTEN-G20E-NKRRYQEDEF	24	31
>PTEN-G20E-RNKRRYQEDI	317	>PTEN-G20E-RNKRRYQEDI	145	172
>PTEN-G230IGPTRREDKFM	921	>PTEN-G230IEPTRREDKFM	72	849
>PTEN-G230IGPTRREDKFM	420	>PTEN-G230IEPTRREDKFM	123	297
>PTEN-G230ISGPTREDKFM	70	>PTEN-G230ISEPTRREDKFM	3011	2941

>PTEN-G230ISGPTRREDKF	159	>PTEN-G230ISEPTRREDKF	5176	5017
>PTEN-G230ISGPTRREDKF	6663	>PTEN-G230ISEPTRREDKF	34	6629
>PTEN-G230INSGPTRREDK	882	>PTEN-G230INSEPTRREDK	484	398
>PTEN-G230ISSNSGPTR	477	>PTEN-G230ISSNSEPTR	671	194
>PTEN-G230ISSNSGPTR	47	>PTEN-G230ISSNSEPTR	110	63
>PTEN-G230ISSNSGPTR	129	>PTEN-G230ISSNSEPTR	100	29
>PTEN-G230IYSSNSGPTRF	137	>PTEN-G230IYSSNSEPTRR	227	90
>PTEN-G230IYSSNSGPTRF	467	>PTEN-G230IYSSNSEPTRR	737	270
>PTEN-G230IYSSNSGPTRF	615	>PTEN-G230IYSSNSEPTRR	476	139
>PTEN-G230IYSSNSGPTR	95	>PTEN-G230IYSSNSEPTR	80	15
>PTEN-G230IYSSNSGPTRF	80	>PTEN-G230IYSSNSEPTRR	56	24
>PTEN-G230IKYSSNSGPTF	50	>PTEN-G230IKYSSNSEPTR	67	17
>PTEN-G230IKYSSNSGPTF	121	>PTEN-G230IKYSSNSEPTR	153	32
>PTEN-G230IKYSSNSGPTF	316	>PTEN-G230IKYSSNSEPTR	526	210
>PTEN-G230IKYSSNSGPTF	12	>PTEN-G230IKYSSNSEPTR	14	2
>PTEN-G230IKYSSNSGPTF	189	>PTEN-G230IKYSSNSEPTR	141	48
>PTEN-G230IKYSSNSGPTF	466	>PTEN-G230IKYSSNSEPTR	741	275
>PTEN-G230IKYSSNSGPTF	41	>PTEN-G230IKYSSNSEPTR	40	1
>PTEN-G230VKIYSSNSGP	308	>PTEN-G230VKIYSSNSEP	146	162
>PTEN-G230VKIYSSNSGP	660	>PTEN-G230VKIYSSNSEPT	202	458
>PTEN-G230KVKIYSSNSG	14	>PTEN-G230KVKIYSSNSE	99	85
>PTEN-G230KVKIYSSNSGF	192	>PTEN-G230KVKIYSSNSEF	119	73
>PTEN-G230GPTRREDKFM	1163	>PTEN-G230RPTRREDKFM	289	874
>PTEN-G230GPTRREDKFM	921	>PTEN-G230RPTRREDKFM	414	507
>PTEN-G230GPTRREDKFM	420	>PTEN-G230RPTRREDKFM	728	308
>PTEN-G230GPTRREDKFM	526	>PTEN-G230RPTRREDKFM	138	388
>PTEN-G230ISGPTRREDKF	70	>PTEN-G230SRPTRREDKF	5864	5794
>PTEN-G230ISGPTRREDKF	159	>PTEN-G230SRPTRREDKF	9028	8869
>PTEN-G230LKVKIYSSNSC	938	>PTEN-G230LKVKIYSSNSR	63	875
>PTEN-G230INSGPTRREDK	9640	>PTEN-G230INSRPTRREDK	60	9580
>PTEN-G230INSGPTRREDK	3306	>PTEN-G230INSRPTRREDK	469	2837
>PTEN-G230INSGPTRREDK	882	>PTEN-G230INSRPTRREDK	36	846
>PTEN-G230INSGPTRREDK	3626	>PTEN-G230INSRPTRREDK	276	3350
>PTEN-G230ISSNSGPTR	477	>PTEN-G230ISSNSRPTR	311	166
>PTEN-G230ISSNSGPTR	47	>PTEN-G230ISSNSRPTR	17	30
>PTEN-G230ISSNSGPTR	129	>PTEN-G230ISSNSRPTR	76	53
>PTEN-G230IYSSNSGPTRF	137	>PTEN-G230IYSSNSRPTRF	89	48
>PTEN-G230IYSSNSGPTRF	467	>PTEN-G230IYSSNSRPTRF	351	116
>PTEN-G230IYSSNSGPTR	95	>PTEN-G230IYSSNSRPTR	64	31
>PTEN-G230IYSSNSGPTRF	80	>PTEN-G230IYSSNSRPTRF	56	24
>PTEN-G230IKYSSNSG	11482	>PTEN-G230IKYSSNSR	49	11433
>PTEN-G230IKYSSNSGPTF	50	>PTEN-G230IKYSSNSRPTR	45	5
>PTEN-G230IKYSSNSG	20427	>PTEN-G230IKYSSNSR	87	20340

>PTEN-G230IKIYSSNSGPTF	121	>PTEN-G230IKIYSSNSRPTR	105	16
>PTEN-G230IKIYSSNSG	1134	>PTEN-G230IKIYSSNSR	374	760
>PTEN-G230IKIYSSNSGPTF	316	>PTEN-G230IKIYSSNSRPTR	140	176
>PTEN-G230IKIYSSNSG	15949	>PTEN-G230IKIYSSNSR	12	15937
>PTEN-G230IKIYSSNSGPTF	12	>PTEN-G230IKIYSSNSRPTR	8	4
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>PTEN-G230IKIYSSNSGPTF	189	>PTEN-G230IKIYSSNSRPTR	118	71
>PTEN-G230IKIYSSNSGPTF	466	>PTEN-G230IKIYSSNSRPTR	649	183
>PTEN-G230IKIYSSNSG	26963	>PTEN-G230IKIYSSNSR	27	26936
>PTEN-G230IKIYSSNSGPTF	41	>PTEN-G230IKIYSSNSRPTR	31	10
>PTEN-G230IKIYSSNSGP	308	>PTEN-G230IKIYSSNSRP	416	108
>PTEN-G230IKIYSSNSGPT	660	>PTEN-G230IKIYSSNSRPT	205	455
>PTEN-G230IKVKIYSSNSG	14	>PTEN-G230IKVKIYSSNSR	8	6
>PTEN-G230IKVKIYSSNSGF	192	>PTEN-G230IKVKIYSSNSRF	164	28
>PTEN-G230IKVKIYSSNSG	33857	>PTEN-G230IKVKIYSSNSR	198	33659
>PTEN-G251IFEFPQPLPVC	2326	>PTEN-G251IFEFPQPLPVC	305	2021
>PTEN-G251IFEFPQPLPVC	2369	>PTEN-G251IFEFPQPLPVC	299	2070
>PTEN-G251IPVCGDIKV	466	>PTEN-G251IPVCCDIKV	4070	3604
>PTEN-G251IPVCGDIKVEF	395	>PTEN-G251IPVCCDIKVEF	1117	722
>PTEN-G251IPVCGDIKVEF	21	>PTEN-G251IPVCCDIKVEF	45	24
>PTEN-G251LPVCGDIKVEI	35	>PTEN-G251LPVCCDIKVEI	31	4
>PTEN-G251LPVCGDIKVEI	484	>PTEN-G251LPVCCDIKVEI	454	30
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>PTEN-G251LPVCGDIKVEI	9	>PTEN-G251LPVCCDIKVEI	9	0
>PTEN-G251LPVCGDIKVEI	26	>PTEN-G251LPVCCDIKVEI	17	9
>PTEN-G251LPVCGDIK	306	>PTEN-G251LPVCCDIK	132	174
>PTEN-G251LPVCGDIKVEI	1989	>PTEN-G251LPVCCDIKVEI	459	1530
>PTEN-G251LPVCGDIKVEI	499	>PTEN-G251LPVCCDIKVEI	523	24
>PTEN-G251LPVCGDIKVEI	18	>PTEN-G251LPVCCDIKVEI	15	3
>PTEN-G251PLPVCGDIKV	176	>PTEN-G251PLPVCCDIKV	342	166
>PTEN-G251PLPVCGDIKV	46	>PTEN-G251PLPVCCDIKV	52	6
>PTEN-G251FPQPLPVCGE	95	>PTEN-G251FPQPLPVCCD	204	109
>PTEN-G251FPQPLPVCGE	360	>PTEN-G251FPQPLPVCCD	254	106
>PTEN-G251FPQPLPVCGE	419	>PTEN-G251FPQPLPVCCD	119	300
>PTEN-G251PVCGDIKV	466	>PTEN-G251PVCDDIKV	251	215
>PTEN-G251PVCGDIKVEF	395	>PTEN-G251PVCDDIKVEF	742	347
>PTEN-G251PVCGDIKVEF	21	>PTEN-G251PVCDDIKVEF	32	11
>PTEN-G251LPVCGDIKVEI	35	>PTEN-G251LPVCCDIKVEI	276	241
>PTEN-G251LPVCGDIKVEI	484	>PTEN-G251LPVCCDIKVEI	1187	703
>PTEN-G251LPVCGDIK	621	>PTEN-G251LPVCCDIK	344	277
>PTEN-G251LPVCGDIKVEI	9	>PTEN-G251LPVCCDIKVEI	9	0
>PTEN-G251LPVCGDIKVEI	26	>PTEN-G251LPVCCDIKVEI	23	3
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>PTEN-G251'LPVCGDIKVEI	499	>PTEN-G251'LPVCDDIKVEI	347	152
>PTEN-G251'LPVCGDIKVEI	18	>PTEN-G251'LPVCDDIKVEI	15	3
>PTEN-G251'PLPVCGDIKV	176	>PTEN-G251'PLPVCDDIKV	227	51
>PTEN-G251'PLPVCGDIKV	46	>PTEN-G251'PLPVCDDIKV	61	15
>PTEN-G251'FPQPLPVCGE	95	>PTEN-G251'FPQPLPVCDE	83	12
>PTEN-G251'FPQPLPVCGE	360	>PTEN-G251'FPQPLPVCDE	228	132
>PTEN-G251'FPQPLPVCGE	419	>PTEN-G251'FPQPLPVCDE	263	156
>PTEN-G251'CGDIKVEFFH	3063	>PTEN-G251'CVDIKVEFFHI	94	2969
>PTEN-G251'FEFPQPLPVC	8054	>PTEN-G251'FEFPQPLPVC'	59	7995
>PTEN-G251'FEFPQPLPVC	19714	>PTEN-G251'FEFPQPLPVC'	396	19318
>PTEN-G251'FEFPQPLPVC	20686	>PTEN-G251'FEFPQPLPVC'	237	20449
>PTEN-G251'FEFPQPLPVC	17714	>PTEN-G251'FEFPQPLPVC'	205	17509
>PTEN-G251'FEFPQPLPVC	35465	>PTEN-G251'FEFPQPLPVC'	443	35022
>PTEN-G251'FEFPQPLPVC	7566	>PTEN-G251'FEFPQPLPVC'	140	7426
>PTEN-G251'FEFPQPLPVC	13441	>PTEN-G251'FEFPQPLPVC'	302	13139
>PTEN-G251'FEFPQPLPVC	14524	>PTEN-G251'FEFPQPLPVC'	443	14081
>PTEN-G251'FEFPQPLPVC	2326	>PTEN-G251'FEFPQPLPVC'	51	2275
>PTEN-G251'FEFPQPLPVC	2369	>PTEN-G251'FEFPQPLPVC'	15	2354
>PTEN-G251'PVCGDIKV	466	>PTEN-G251'PVCVDIKV	2772	2306
>PTEN-G251'PVCGDIKVEF	395	>PTEN-G251'PVCVDIKVEF	2100	1705
>PTEN-G251'PVCGDIKVEF	21	>PTEN-G251'PVCVDIKVEFI	98	77
>PTEN-G251'LPVCGDIKVEI	35	>PTEN-G251'LPVCVDIKVEI	47	12
>PTEN-G251'LPVCGDIKVEI	484	>PTEN-G251'LPVCVDIKVEI	1076	592
>PTEN-G251'LPVCGDIKVEI	9	>PTEN-G251'LPVCVDIKVEI	9	0
>PTEN-G251'LPVCGDIKVEI	26	>PTEN-G251'LPVCVDIKVEI	29	3
>PTEN-G251'LPVCGDIK	306	>PTEN-G251'LPVCVDIK	296	10
>PTEN-G251'LPVCGDIKVEI	499	>PTEN-G251'LPVCVDIKVEI	103	396
>PTEN-G251'LPVCGDIKVEI	18	>PTEN-G251'LPVCVDIKVEI	15	3
>PTEN-G251'PLPVCGDIKV	934	>PTEN-G251'PLPVCVDIKV	322	612
>PTEN-G251'PLPVCGDIKV	176	>PTEN-G251'PLPVCVDIKV	85	91
>PTEN-G251'PLPVCGDIKV	1835	>PTEN-G251'PLPVCVDIKV	479	1356
>PTEN-G251'PLPVCGDIKV	46	>PTEN-G251'PLPVCVDIKV	39	7
>PTEN-G251'FPQPLPVCGE	95	>PTEN-G251'FPQPLPVCVC	48	47
>PTEN-G251'FPQPLPVCGE	360	>PTEN-G251'FPQPLPVCVC	198	162
>PTEN-G251'FPQPLPVCGE	419	>PTEN-G251'FPQPLPVCVC	144	275
>PTEN-G36E-GFPAERLEGV	291	>PTEN-G36E-EFPAERLEGV	1692	1401
>PTEN-G36E-MGFPAERLEC	10612	>PTEN-G36E-MEFPAERLEC	26	10586
>PTEN-G36E-MGFPAERLEC	257	>PTEN-G36E-MEFPAERLEC	841	584
>PTEN-G36E-MGFPAERLEC	186	>PTEN-G36E-MEFPAERLEC	172	14
>PTEN-G36E-MGFPAERLEC	355	>PTEN-G36E-MEFPAERLEC	496	141
>PTEN-G36E-MGFPAERL	378	>PTEN-G36E-MEFPAERL	3217	2839
>PTEN-G36E-MGFPAERLEC	46	>PTEN-G36E-MEFPAERLEC	417	371
>PTEN-G36E-MGFPAERL	258	>PTEN-G36E-MEFPAERL	10777	10519

>PTEN-G36E-MGFPAERL	23738	>PTEN-G36E-MEFPAERL	294	23444
>PTEN-G36E-MGFPAERLEC	24061	>PTEN-G36E-MEFPAERLEC	365	23696
>PTEN-G36E-MGFPAERL	21118	>PTEN-G36E-MEFPAERL	16	21102
>PTEN-G36E-MGFPAERLEC	22962	>PTEN-G36E-MEFPAERLEC	66	22896
>PTEN-G36E-MGFPAERL	36422	>PTEN-G36E-MEFPAERL	282	36140
>PTEN-G36E-MGFPAERLEC	38753	>PTEN-G36E-MEFPAERLEC	457	38296
>PTEN-G36E-MGFPAERL	35671	>PTEN-G36E-MEFPAERL	167	35504
>PTEN-G36E-MGFPAERLEC	39096	>PTEN-G36E-MEFPAERLEC	426	38670
>PTEN-G36E-MGFPAERLEC	27863	>PTEN-G36E-MEFPAERLEC	474	27389
>PTEN-G36E-MGFPAERLEC	40372	>PTEN-G36E-MEFPAERLEC	310	40062
>PTEN-G36E-MGFPAERL	31635	>PTEN-G36E-MEFPAERL	445	31190
>PTEN-G36E-MGFPAERLEC	19856	>PTEN-G36E-MEFPAERLEC	15	19841
>PTEN-G36E-AMGFPAERL	365	>PTEN-G36E-AMEFPAERL	628	263
>PTEN-G36E-AMGFPAERL	15	>PTEN-G36E-AMEFPAERL	129	114
>PTEN-G36E-AMGFPAERL	454	>PTEN-G36E-AMEFPAERL	2057	1603
>PTEN-G36E-AMGFPAERL	403	>PTEN-G36E-AMEFPAERL	5325	4922
>PTEN-G36E-AMGFPAERL	195	>PTEN-G36E-AMEFPAERL	5959	5764
>PTEN-G36E-AMGFPAERL	29	>PTEN-G36E-AMEFPAERL	62	33
>PTEN-G36E-AMGFPAER	75	>PTEN-G36E-AMEFPAER	106	31
>PTEN-G36E-IAMGFPAERL	65	>PTEN-G36E-IAMEFPAERL	65	0
>PTEN-G36E-IAMGFPAERL	445	>PTEN-G36E-IAMEFPAERL	160	285
>PTEN-G36E-IAMGFPAER	222	>PTEN-G36E-IAMEFPAER	227	5
>PTEN-G36E-IAMGFPAER	32	>PTEN-G36E-IAMEFPAER	28	4
>PTEN-G36E-IAMGFPAER	58	>PTEN-G36E-IAMEFPAER	43	15
>PTEN-G36E-IAMGFPAER	8	>PTEN-G36E-IAMEFPAER	8	0
>PTEN-G36E-IAMGFPAERL	676	>PTEN-G36E-IAMEFPAERL	383	293
>PTEN-G36E-IAMGFPAERL	2200	>PTEN-G36E-IAMEFPAERL	342	1858
>PTEN-G36E-IAMGFPAERL	19	>PTEN-G36E-IAMEFPAERL	17	2
>PTEN-G36E-IAMGFPAERL	332	>PTEN-G36E-IAMEFPAERL	473	141
>PTEN-G36E-IAMGFPAERL	476	>PTEN-G36E-IAMEFPAERL	493	17
>PTEN-G36E-IAMGFPAER	268	>PTEN-G36E-IAMEFPAER	401	133
>PTEN-G36E-IIAMGFPA	369	>PTEN-G36E-IIAMEFPA	415	46
>PTEN-G36E-IIAMGFPA	311	>PTEN-G36E-IIAMEFPA	188	123
>PTEN-G36E-IIAMGFPAER	200	>PTEN-G36E-IIAMEFPAERI	117	83
>PTEN-G36E-IIAMGFPA	65	>PTEN-G36E-IIAMEFPA	216	151
>PTEN-G36E-IIAMGFPA	35	>PTEN-G36E-IIAMEFPA	51	16
>PTEN-G36E-IIAMGFPAER	213	>PTEN-G36E-IIAMEFPAERI	325	112
>PTEN-G36E-IIAMGFPAER	471	>PTEN-G36E-IIAMEFPAERI	807	336
>PTEN-G36E-IIAMGFPA	206	>PTEN-G36E-IIAMEFPA	458	252
>PTEN-G36E-IIAMGFPAER	73	>PTEN-G36E-IIAMEFPAERI	162	89
>PTEN-G36E-IIAMGFPAER	83	>PTEN-G36E-IIAMEFPAER	168	85
>PTEN-G36E-IIAMGFPAER	468	>PTEN-G36E-IIAMEFPAER	616	148
>PTEN-G36E-IIAMGFPAER	12	>PTEN-G36E-IIAMEFPAER	19	7

>PTEN-G36E-IIAMGFPAER	273	>PTEN-G36E-IIAMEFPAER	145	128
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>PTEN-G36E-NIIAMGFPA	391	>PTEN-G36E-NIIAMEFPA	460	69
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>PTEN-G36E-NIIAMGFPA	32	>PTEN-G36E-NIIAMEFPA	65	33
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>PTEN-G36E-NIIAMGFPAE	115	>PTEN-G36E-NIIAMEFPAE	80	35
>PTEN-G36E-NIIAMGFPAE	8	>PTEN-G36E-NIIAMEFPAE	6	2
>PTEN-G36E-NIIAMGFPA	28	>PTEN-G36E-NIIAMEFPA	30	2
>PTEN-G36E-NIIAMGFPA	154	>PTEN-G36E-NIIAMEFPA	645	491
>PTEN-G36E-NIIAMGFPAE	235	>PTEN-G36E-NIIAMEFPAE	222	13
>PTEN-G36E-YPNIIAMGF	281	>PTEN-G36E-YPNIIAMEF	150	131
>PTEN-G36E-YPNIIAMGFP	91	>PTEN-G36E-YPNIIAMEFP	327	236
>PTEN-G36E-YPNIIAMGF	640	>PTEN-G36E-YPNIIAMEF	220	420
>PTEN-G36E-YPNIIAMGF	11	>PTEN-G36E-YPNIIAMEF	9	2
>PTEN-G36E-YPNIIAMGFP	37	>PTEN-G36E-YPNIIAMEFP	25	12
>PTEN-G36E-YPNIIAMGF	82	>PTEN-G36E-YPNIIAMEF	37	45
>PTEN-G36E-YPNIIAMG	328	>PTEN-G36E-YPNIIAME	1281	953
>PTEN-G36E-YPNIIAMGFP	6	>PTEN-G36E-YPNIIAMEFP	7	1
>PTEN-G36E-YPNIIAMGF	1601	>PTEN-G36E-YPNIIAMEF	22	1579
>PTEN-G36E-YPNIIAMGF	102	>PTEN-G36E-YPNIIAMEF	18	84
>PTEN-G36E-IYPNIIAMGF	80	>PTEN-G36E-IYPNIIAMEF	49	31
>PTEN-G36E-IYPNIIAMGF	49	>PTEN-G36E-IYPNIIAMEF	38	11
>PTEN-G36E-IYPNIIAMGF	4	>PTEN-G36E-IYPNIIAMEF	4	0
>PTEN-G36E-IYPNIIAMGF	56	>PTEN-G36E-IYPNIIAMEF	69	13
>PTEN-G36E-IYPNIIAMGF	408	>PTEN-G36E-IYPNIIAMEF	494	86
>PTEN-G36E-YIYPNIIAMGF	464	>PTEN-G36E-YIYPNIIAMEF	582	118
>PTEN-G36E-YIYPNIIAMGF	31	>PTEN-G36E-YIYPNIIAMEF	50	19
>PTEN-G36E-YIYPNIIAMG	49	>PTEN-G36E-YIYPNIIAME	354	305
>PTEN-G36E-YIYPNIIAMGF	73	>PTEN-G36E-YIYPNIIAMEF	74	1
>PTEN-G36E-YIYPNIIAMGF	338	>PTEN-G36E-YIYPNIIAMEF	246	92
>PTEN-G36E-YIYPNIIAMGF	770	>PTEN-G36E-YIYPNIIAMEF	131	639
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>PTEN-G36E-YIYPNIIAMGF	214	>PTEN-G36E-YIYPNIIAMEF	906	692
>PTEN-G36E-YIYPNIIAMGF	417	>PTEN-G36E-YIYPNIIAMEF	504	87
>PTEN-G36E-YIYPNIIAMGF	92	>PTEN-G36E-YIYPNIIAMEF	60	32
>PTEN-G36E-YIYPNIIAMGF	311	>PTEN-G36E-YIYPNIIAMEF	270	41
>PTEN-G36E-YIYPNIIAMGF	63	>PTEN-G36E-YIYPNIIAMEF	57	6
>PTEN-G36E-YIYPNIIAMGF	93	>PTEN-G36E-YIYPNIIAMEF	136	43
>PTEN-G36E-YIYPNIIAMGF	16	>PTEN-G36E-YIYPNIIAMEF	9	7
>PTEN-G36E-YIYPNIIAMGF	8	>PTEN-G36E-YIYPNIIAMEF	8	0
>PTEN-G36E-YIYPNIIAMGF	173	>PTEN-G36E-YIYPNIIAMEF	58	115
>PTEN-G36E-YIYPNIIAMGF	2646	>PTEN-G36E-YIYPNIIAMEF	257	2389

>PTEN-G36E-YIYPNIIAMGF	719	>PTEN-G36E-YIYPNIIAMEF	342	377
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>PTEN-G36E-YIYPNIIAMGF	3519	>PTEN-G36E-YIYPNIIAMEF	147	3372
>PTEN-G36R-GFPAERLEGV	3145	>PTEN-G36R-RFPAERLEGV	406	2739
>PTEN-G36R-GFPAERLEGV	291	>PTEN-G36R-RFPAERLEGV	775	484
>PTEN-G36R-GFPAERLEGV	821	>PTEN-G36R-RFPAERLEGV	378	443
>PTEN-G36R-MGFPAERLEC	257	>PTEN-G36R-MRFPAERLEC	1681	1424
>PTEN-G36R-MGFPAERLEC	186	>PTEN-G36R-MRFPAERLEC	863	677
>PTEN-G36R-MGFPAERLEC	355	>PTEN-G36R-MRFPAERLEC	1136	781
>PTEN-G36R-MGFPAERL	378	>PTEN-G36R-MRFPAERL	2698	2320
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>PTEN-G36R-MGFPAERL	3443	>PTEN-G36R-MRFPAERL	180	3263
>PTEN-G36R-MGFPAERLEC	6207	>PTEN-G36R-MRFPAERLEC	420	5787
>PTEN-G36R-MGFPAERL	258	>PTEN-G36R-MRFPAERL	15444	15186
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>PTEN-G36R-MGFPAERLEC	25012	>PTEN-G36R-MRFPAERLEC	195	24817
>PTEN-G36R-MGFPAERL	10527	>PTEN-G36R-MRFPAERL	199	10328
>PTEN-G36R-MGFPAERL	2656	>PTEN-G36R-MRFPAERL	211	2445
>PTEN-G36R-TYIYPNIIAMC	17252	>PTEN-G36R-TYIYPNIIAMR	37	17215
>PTEN-G36R-TYIYPNIIAMC	17572	>PTEN-G36R-TYIYPNIIAMR	24	17548
>PTEN-G36R-TYIYPNIIAMC	22605	>PTEN-G36R-TYIYPNIIAMR	21	22584
>PTEN-G36R-TYIYPNIIAMC	31931	>PTEN-G36R-TYIYPNIIAMR	65	31866
>PTEN-G36R-AMGFPAERL	365	>PTEN-G36R-AMRFPAERL	1556	1191
>PTEN-G36R-AMGFPAERL	15	>PTEN-G36R-AMRFPAERL	122	107
>PTEN-G36R-AMGFPAERL	454	>PTEN-G36R-AMRFPAERL	4971	4517
>PTEN-G36R-AMGFPAERL	403	>PTEN-G36R-AMRFPAERL	5707	5304
>PTEN-G36R-AMGFPAERL	195	>PTEN-G36R-AMRFPAERL	6418	6223
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>PTEN-G36R-AMGFPAER	14197	>PTEN-G36R-AMRFPAER	192	14005
>PTEN-G36R-AMGFPAER	75	>PTEN-G36R-AMRFPAER	20	55
>PTEN-G36R-AMGFPAERL	6271	>PTEN-G36R-AMRFPAERL	392	5879
>PTEN-G36R-AMGFPAERL	6563	>PTEN-G36R-AMRFPAERL	326	6237
>PTEN-G36R-IAMGFPAERL	65	>PTEN-G36R-IAMRFPAERL	201	136
>PTEN-G36R-IAMGFPAERL	445	>PTEN-G36R-IAMRFPAERL	1233	788
>PTEN-G36R-IAMGFPAER	222	>PTEN-G36R-IAMRFPAER	157	65
>PTEN-G36R-IAMGFPAER	32	>PTEN-G36R-IAMRFPAER	17	15
>PTEN-G36R-IAMGFPAER	58	>PTEN-G36R-IAMRFPAER	78	20
>PTEN-G36R-IAMGFPAER	8	>PTEN-G36R-IAMRFPAER	11	3
>PTEN-G36R-IAMGFPAERL	19	>PTEN-G36R-IAMRFPAERL	56	37
>PTEN-G36R-IAMGFPAERL	332	>PTEN-G36R-IAMRFPAERL	304	28
>PTEN-G36R-IAMGFPAERL	476	>PTEN-G36R-IAMRFPAERL	211	265
>PTEN-G36R-IAMGFPAER	268	>PTEN-G36R-IAMRFPAER	518	250
>PTEN-G36R-IIAMGFPAER	1246	>PTEN-G36R-IIAMRFPAERI	250	996

>PTEN-G36R·IIAMGFPA	369	>PTEN-G36R·IIAMRFPA	637	268
>PTEN-G36R·IIAMGFPA	311	>PTEN-G36R·IIAMRFPA	418	107
>PTEN-G36R·IIAMGFPAER	200	>PTEN-G36R·IIAMRFPAERI	199	1
>PTEN-G36R·IIAMGFPA	65	>PTEN-G36R·IIAMRFPA	126	61
>PTEN-G36R·IIAMGFPA	35	>PTEN-G36R·IIAMRFPA	54	19
>PTEN-G36R·IIAMGFPAER	213	>PTEN-G36R·IIAMRFPAERI	297	84
>PTEN-G36R·IIAMGFPAER	471	>PTEN-G36R·IIAMRFPAERI	918	447
>PTEN-G36R·IIAMGFPA	206	>PTEN-G36R·IIAMRFPA	394	188
>PTEN-G36R·IIAMGFPAER	73	>PTEN-G36R·IIAMRFPAERI	148	75
>PTEN-G36R·IIAMGFPAER	83	>PTEN-G36R·IIAMRFPAER	30	53
>PTEN-G36R·IIAMGFPAER	468	>PTEN-G36R·IIAMRFPAER	107	361
>PTEN-G36R·IIAMGFPAER	12	>PTEN-G36R·IIAMRFPAER	18	6
>PTEN-G36R·IIAMGFPA	731	>PTEN-G36R·IIAMRFPA	479	252
>PTEN-G36R·IIAMGFPAER	6463	>PTEN-G36R·IIAMRFPAERI	463	6000
>PTEN-G36R·IIAMGFPAER	273	>PTEN-G36R·IIAMRFPAER	163	110
>PTEN-G36R·NIIAMGFPA	391	>PTEN-G36R·NIIAMRFPA	814	423
>PTEN-G36R·NIIAMGFPA	162	>PTEN-G36R·NIIAMRFPA	614	452
>PTEN-G36R·NIIAMGFPA	32	>PTEN-G36R·NIIAMRFPA	75	43
>PTEN-G36R·NIIAMGFPAE	150	>PTEN-G36R·NIIAMRFPAE	64	86
>PTEN-G36R·NIIAMGFPAE	115	>PTEN-G36R·NIIAMRFPAE	45	70
>PTEN-G36R·NIIAMGFPAE	8	>PTEN-G36R·NIIAMRFPAE	6	2
>PTEN-G36R·NIIAMGFPA	28	>PTEN-G36R·NIIAMRFPA	10	18
>PTEN-G36R·NIIAMGFPA	154	>PTEN-G36R·NIIAMRFPA	180	26
>PTEN-G36R·NIIAMGFPAE	235	>PTEN-G36R·NIIAMRFPAE	156	79
>PTEN-G36R·YPNIIAMG	33696	>PTEN-G36R·YPNIIAMR	69	33627
>PTEN-G36R·YPNIIAMGF	281	>PTEN-G36R·YPNIIAMRF	334	53
>PTEN-G36R·YPNIIAMGFP	91	>PTEN-G36R·YPNIIAMRFP,	80	11
>PTEN-G36R·YPNIIAMGF	11	>PTEN-G36R·YPNIIAMRF	14	3
>PTEN-G36R·YPNIIAMGFP	37	>PTEN-G36R·YPNIIAMRFP,	49	12
>PTEN-G36R·YPNIIAMGF	82	>PTEN-G36R·YPNIIAMRF	40	42
>PTEN-G36R·YPNIIAMG	328	>PTEN-G36R·YPNIIAMR	2002	1674
>PTEN-G36R·YPNIIAMGFP	6	>PTEN-G36R·YPNIIAMRFP,	7	1
>PTEN-G36R·YPNIIAMGF	1262	>PTEN-G36R·YPNIIAMRF	316	946
>PTEN-G36R·YPNIIAMGF	1601	>PTEN-G36R·YPNIIAMRF	137	1464
>PTEN-G36R·YPNIIAMGF	102	>PTEN-G36R·YPNIIAMRF	36	66
>PTEN-G36R·IYPNIIAMGF	80	>PTEN-G36R·IYPNIIAMRF	69	11
>PTEN-G36R·IYPNIIAMGF	49	>PTEN-G36R·IYPNIIAMRF	46	3
>PTEN-G36R·IYPNIIAMG	583	>PTEN-G36R·IYPNIIAMR	319	264
>PTEN-G36R·IYPNIIAMGF	4	>PTEN-G36R·IYPNIIAMRF	5	1
>PTEN-G36R·IYPNIIAMGF	56	>PTEN-G36R·IYPNIIAMRF	69	13
>PTEN-G36R·IYPNIIAMG	18202	>PTEN-G36R·IYPNIIAMR	48	18154
>PTEN-G36R·IYPNIIAMG	23927	>PTEN-G36R·IYPNIIAMR	66	23861
>PTEN-G36R·IYPNIIAMG	35540	>PTEN-G36R·IYPNIIAMR	181	35359

>PTEN-G36R·IYPNIIAMGF	408	>PTEN-G36R·IYPNIIAMRF	282	126
>PTEN-G36R·IYPNIIAMG	25968	>PTEN-G36R·IYPNIIAMR	37	25931
>PTEN-G36R·YIYPNIIAMGF	561	>PTEN-G36R·YIYPNIIAMRF	361	200
>PTEN-G36R·YIYPNIIAMGF	464	>PTEN-G36R·YIYPNIIAMRF	994	530
>PTEN-G36R·YIYPNIIAMGF	31	>PTEN-G36R·YIYPNIIAMRF	120	89
>PTEN-G36R·YIYPNIIAMG	49	>PTEN-G36R·YIYPNIIAMR	327	278
>PTEN-G36R·YIYPNIIAMGF	73	>PTEN-G36R·YIYPNIIAMRF	105	32
>PTEN-G36R·YIYPNIIAMGF	338	>PTEN-G36R·YIYPNIIAMRF	309	29
>PTEN-G36R·YIYPNIIAMG	15013	>PTEN-G36R·YIYPNIIAMR	194	14819
>PTEN-G36R·YIYPNIIAMGF	770	>PTEN-G36R·YIYPNIIAMRF	142	628
>PTEN-G36R·YIYPNIIAMGF	133	>PTEN-G36R·YIYPNIIAMRF	110	23
>PTEN-G36R·YIYPNIIAMGF	214	>PTEN-G36R·YIYPNIIAMRF	863	649
>PTEN-G36R·YIYPNIIAMGF	417	>PTEN-G36R·YIYPNIIAMRF	420	3
>PTEN-G36R·YIYPNIIAMGF	92	>PTEN-G36R·YIYPNIIAMRF	66	26
>PTEN-G36R·YIYPNIIAMG	17989	>PTEN-G36R·YIYPNIIAMR	23	17966
>PTEN-G36R·YIYPNIIAMGF	311	>PTEN-G36R·YIYPNIIAMRF	392	81
>PTEN-G36R·YIYPNIIAMG	17189	>PTEN-G36R·YIYPNIIAMR	59	17130
>PTEN-G36R·YIYPNIIAMG	15655	>PTEN-G36R·YIYPNIIAMR	3	15652
>PTEN-G36R·YIYPNIIAMGF	63	>PTEN-G36R·YIYPNIIAMRF	78	15
>PTEN-G36R·YIYPNIIAMGF	93	>PTEN-G36R·YIYPNIIAMRF	187	94
>PTEN-G36R·YIYPNIIAMGF	16	>PTEN-G36R·YIYPNIIAMRF	21	5
>PTEN-G36R·YIYPNIIAMGF	8	>PTEN-G36R·YIYPNIIAMRF	7	1
>PTEN-G36R·YIYPNIIAMGF	173	>PTEN-G36R·YIYPNIIAMRF	211	38
>PTEN-G36R·YIYPNIIAMGF	719	>PTEN-G36R·YIYPNIIAMRF	337	382
>PTEN-G36R·YIYPNIIAMGF	701	>PTEN-G36R·YIYPNIIAMRF	205	496
>PTEN-G36R·YIYPNIIAMG	29307	>PTEN-G36R·YIYPNIIAMR	70	29237
>PTEN-G36V·GFPAERLEGV	291	>PTEN-G36V·VFPAERLEGV	355	64
>PTEN-G36V·GFPAERLEGV	821	>PTEN-G36V·VFPAERLEGV	325	496
>PTEN-G36V·MGFPAERL	16547	>PTEN-G36V·MVFPAERL	480	16067
>PTEN-G36V·MGFPAERLE(C	3599	>PTEN-G36V·MVFPAERLEC	62	3537
>PTEN-G36V·MGFPAERL	848	>PTEN-G36V·MVFPAERL	46	802
>PTEN-G36V·MGFPAERLE(C	257	>PTEN-G36V·MVFPAERLEC	15	242
>PTEN-G36V·MGFPAERLE(C	2982	>PTEN-G36V·MVFPAERLEC	23	2959
>PTEN-G36V·MGFPAERL	5214	>PTEN-G36V·MVFPAERL	111	5103
>PTEN-G36V·MGFPAERLE(C	186	>PTEN-G36V·MVFPAERLEC	11	175
>PTEN-G36V·MGFPAERL	5481	>PTEN-G36V·MVFPAERL	122	5359
>PTEN-G36V·MGFPAERLE(C	355	>PTEN-G36V·MVFPAERLEC	9	346
>PTEN-G36V·MGFPAERLE(C	10384	>PTEN-G36V·MVFPAERLEC	164	10220
>PTEN-G36V·MGFPAERLE(C	1323	>PTEN-G36V·MVFPAERLEC	40	1283
>PTEN-G36V·MGFPAERLE(C	14623	>PTEN-G36V·MVFPAERLEC	173	14450
>PTEN-G36V·MGFPAERL	9663	>PTEN-G36V·MVFPAERL	48	9615
>PTEN-G36V·MGFPAERLE(C	591	>PTEN-G36V·MVFPAERLEC	5	586
>PTEN-G36V·MGFPAERL	378	>PTEN-G36V·MVFPAERL	10	368

>PTEN-G36V·MGFPAERLEC	46	>PTEN-G36V·MVFPAERLEC	5	41
>PTEN-G36V·MGFPAERLEC	3225	>PTEN-G36V·MVFPAERLEC	40	3185
>PTEN-G36V·MGFPAERL	258	>PTEN-G36V·MVFPAERL	48	210
>PTEN-G36V·TYIYPNIIAMC	5920	>PTEN-G36V·TYIYPNIIAMV	387	5533
>PTEN-G36V·TYIYPNIIAMC	13943	>PTEN-G36V·TYIYPNIIAMV	61	13882
>PTEN-G36V·AMGFPAERL	365	>PTEN-G36V·AMVFPAERL	105	260
>PTEN-G36V·AMGFPAERL	2589	>PTEN-G36V·AMVFPAERL	453	2136
>PTEN-G36V·AMGFPAERL	15	>PTEN-G36V·AMVFPAERL	16	1
>PTEN-G36V·AMGFPAERL	454	>PTEN-G36V·AMVFPAERL	663	209
>PTEN-G36V·AMGFPAERL	403	>PTEN-G36V·AMVFPAERL	774	371
>PTEN-G36V·AMGFPAERL	195	>PTEN-G36V·AMVFPAERL	892	697
>PTEN-G36V·AMGFPAERL	29	>PTEN-G36V·AMVFPAERL	27	2
>PTEN-G36V·AMGFPAER	75	>PTEN-G36V·AMVFPAER	49	26
>PTEN-G36V·AMGFPAER	1953	>PTEN-G36V·AMVFPAER	369	1584
>PTEN-G36V·IAMGFPAERL	65	>PTEN-G36V·IAMVFPAERL	162	97
>PTEN-G36V·IAMGFPAERL	445	>PTEN-G36V·IAMVFPAERL	2319	1874
>PTEN-G36V·IAMGFPAER	222	>PTEN-G36V·IAMVFPAER	244	22
>PTEN-G36V·IAMGFPAER	32	>PTEN-G36V·IAMVFPAER	18	14
>PTEN-G36V·IAMGFPAER	58	>PTEN-G36V·IAMVFPAER	61	3
>PTEN-G36V·IAMGFPAER	8	>PTEN-G36V·IAMVFPAER	11	3
>PTEN-G36V·IAMGFPAERL	19	>PTEN-G36V·IAMVFPAERL	24	5
>PTEN-G36V·IAMGFPAERL	332	>PTEN-G36V·IAMVFPAERL	525	193
>PTEN-G36V·IAMGFPAERL	476	>PTEN-G36V·IAMVFPAERL	354	122
>PTEN-G36V·IAMGFPAER	268	>PTEN-G36V·IAMVFPAER	676	408
>PTEN-G36V·IIAMGFPA	369	>PTEN-G36V·IIAMVFPA	121	248
>PTEN-G36V·IIAMGFPA	311	>PTEN-G36V·IIAMVFPA	92	219
>PTEN-G36V·IIAMGFPAER	200	>PTEN-G36V·IIAMVFPAERI	127	73
>PTEN-G36V·IIAMGFPA	65	>PTEN-G36V·IIAMVFPA	36	29
>PTEN-G36V·IIAMGFPA	35	>PTEN-G36V·IIAMVFPA	36	1
>PTEN-G36V·IIAMGFPAER	213	>PTEN-G36V·IIAMVFPAERI	246	33
>PTEN-G36V·IIAMGFPA	974	>PTEN-G36V·IIAMVFPA	252	722
>PTEN-G36V·IIAMGFPAER	471	>PTEN-G36V·IIAMVFPAERI	218	253
>PTEN-G36V·IIAMGFPA	892	>PTEN-G36V·IIAMVFPA	330	562
>PTEN-G36V·IIAMGFPA	206	>PTEN-G36V·IIAMVFPA	280	74
>PTEN-G36V·IIAMGFPAER	73	>PTEN-G36V·IIAMVFPAERI	156	83
>PTEN-G36V·IIAMGFPAER	83	>PTEN-G36V·IIAMVFPAER	44	39
>PTEN-G36V·IIAMGFPAER	468	>PTEN-G36V·IIAMVFPAER	194	274
>PTEN-G36V·IIAMGFPAER	12	>PTEN-G36V·IIAMVFPAER	7	5
>PTEN-G36V·IIAMGFPA	731	>PTEN-G36V·IIAMVFPA	129	602
>PTEN-G36V·IIAMGFPAER	1235	>PTEN-G36V·IIAMVFPAERI	437	798
>PTEN-G36V·IIAMGFPAER	273	>PTEN-G36V·IIAMVFPAER	238	35
>PTEN-G36V·NIIAMGFPA	550	>PTEN-G36V·NIIAMVFPA	40	510
>PTEN-G36V·NIIAMGFPA	391	>PTEN-G36V·NIIAMVFPA	81	310

>PTEN-G36V·NIIAMGFPA	162	>PTEN-G36V·NIIAMVFPA	23	139
>PTEN-G36V·NIIAMGFPA	32	>PTEN-G36V·NIIAMVFPA	15	17
>PTEN-G36V·NIIAMGFPAE	150	>PTEN-G36V·NIIAMVFPAE	109	41
>PTEN-G36V·NIIAMGFPAE	115	>PTEN-G36V·NIIAMVFPAE	75	40
>PTEN-G36V·NIIAMGFPAE	8	>PTEN-G36V·NIIAMVFPAE	6	2
>PTEN-G36V·NIIAMGFPA	28	>PTEN-G36V·NIIAMVFPA	10	18
>PTEN-G36V·NIIAMGFPA	154	>PTEN-G36V·NIIAMVFPA	54	100
>PTEN-G36V·NIIAMGFPAE	235	>PTEN-G36V·NIIAMVFPAE	185	50
>PTEN-G36V·YPNIIAMG	15812	>PTEN-G36V·YPNIIAMV	139	15673
>PTEN-G36V·YPNIIAMG	21522	>PTEN-G36V·YPNIIAMV	365	21157
>PTEN-G36V·YPNIIAMGF	281	>PTEN-G36V·YPNIIAMVF	67	214
>PTEN-G36V·YPNIIAMGFP	91	>PTEN-G36V·YPNIIAMVFP	133	42
>PTEN-G36V·YPNIIAMGF	640	>PTEN-G36V·YPNIIAMVF	156	484
>PTEN-G36V·YPNIIAMGF	11	>PTEN-G36V·YPNIIAMVF	9	2
>PTEN-G36V·YPNIIAMGFP	37	>PTEN-G36V·YPNIIAMVFP	29	8
>PTEN-G36V·YPNIIAMG	6260	>PTEN-G36V·YPNIIAMV	316	5944
>PTEN-G36V·YPNIIAMGF	82	>PTEN-G36V·YPNIIAMVF	61	21
>PTEN-G36V·YPNIIAMG	328	>PTEN-G36V·YPNIIAMV	35	293
>PTEN-G36V·YPNIIAMGFP	6	>PTEN-G36V·YPNIIAMVFP	6	0
>PTEN-G36V·YPNIIAMGF	1262	>PTEN-G36V·YPNIIAMVF	278	984
>PTEN-G36V·YPNIIAMGF	1601	>PTEN-G36V·YPNIIAMVF	27	1574
>PTEN-G36V·YPNIIAMGFP	748	>PTEN-G36V·YPNIIAMVFP	421	327
>PTEN-G36V·YPNIIAMGF	102	>PTEN-G36V·YPNIIAMVF	22	80
>PTEN-G36V·IYPNIIAMG	23911	>PTEN-G36V·IYPNIIAMV	166	23745
>PTEN-G36V·IYPNIIAMG	34233	>PTEN-G36V·IYPNIIAMV	162	34071
>PTEN-G36V·IYPNIIAMGF	80	>PTEN-G36V·IYPNIIAMVF	21	59
>PTEN-G36V·IYPNIIAMG	2285	>PTEN-G36V·IYPNIIAMV	167	2118
>PTEN-G36V·IYPNIIAMGF	49	>PTEN-G36V·IYPNIIAMVF	28	21
>PTEN-G36V·IYPNIIAMG	583	>PTEN-G36V·IYPNIIAMV	27	556
>PTEN-G36V·IYPNIIAMGF	4	>PTEN-G36V·IYPNIIAMVF	4	0
>PTEN-G36V·IYPNIIAMGF	56	>PTEN-G36V·IYPNIIAMVF	67	11
>PTEN-G36V·IYPNIIAMG	3792	>PTEN-G36V·IYPNIIAMV	79	3713
>PTEN-G36V·IYPNIIAMGF	408	>PTEN-G36V·IYPNIIAMVF	127	281
>PTEN-G36V·YIYPNIIAMG	1775	>PTEN-G36V·YIYPNIIAMV	14	1761
>PTEN-G36V·YIYPNIIAMG	2483	>PTEN-G36V·YIYPNIIAMV	27	2456
>PTEN-G36V·YIYPNIIAMG	1878	>PTEN-G36V·YIYPNIIAMV	8	1870
>PTEN-G36V·YIYPNIIAMGF	464	>PTEN-G36V·YIYPNIIAMVF	1195	731
>PTEN-G36V·YIYPNIIAMG	2274	>PTEN-G36V·YIYPNIIAMV	26	2248
>PTEN-G36V·YIYPNIIAMGF	31	>PTEN-G36V·YIYPNIIAMVF	90	59
>PTEN-G36V·YIYPNIIAMG	49	>PTEN-G36V·YIYPNIIAMV	1	48
>PTEN-G36V·YIYPNIIAMGF	73	>PTEN-G36V·YIYPNIIAMVF	168	95
>PTEN-G36V·YIYPNIIAMG	4196	>PTEN-G36V·YIYPNIIAMV	3	4193
>PTEN-G36V·YIYPNIIAMG	3526	>PTEN-G36V·YIYPNIIAMV	4	3522



>PTEN-G36V·YIYPNIIAMG	16371	>PTEN-G36V·YIYPNIIAMV	4	16367
>PTEN-G36V·YIYPNIIAMG	737	>PTEN-G36V·YIYPNIIAMV	1	736
>PTEN-G36V·YIYPNIIAMGF	338	>PTEN-G36V·YIYPNIIAMVF	695	357
>PTEN-G36V·YIYPNIIAMGF	770	>PTEN-G36V·YIYPNIIAMVF	242	528
>PTEN-G36V·YIYPNIIAMGF	133	>PTEN-G36V·YIYPNIIAMVF	67	66
>PTEN-G36V·YIYPNIIAMGF	214	>PTEN-G36V·YIYPNIIAMVF	1227	1013
>PTEN-G36V·YIYPNIIAMGF	417	>PTEN-G36V·YIYPNIIAMVF	449	32
>PTEN-G36V·YIYPNIIAMGF	92	>PTEN-G36V·YIYPNIIAMVF	120	28
>PTEN-G36V·YIYPNIIAMGF	311	>PTEN-G36V·YIYPNIIAMVF	213	98
>PTEN-G36V·YIYPNIIAMG	19475	>PTEN-G36V·YIYPNIIAMV	68	19407
>PTEN-G36V·YIYPNIIAMG	6249	>PTEN-G36V·YIYPNIIAMV	5	6244
>PTEN-G36V·YIYPNIIAMGF	63	>PTEN-G36V·YIYPNIIAMVF	36	27
>PTEN-G36V·YIYPNIIAMGF	93	>PTEN-G36V·YIYPNIIAMVF	97	4
>PTEN-G36V·YIYPNIIAMG	11731	>PTEN-G36V·YIYPNIIAMV	491	11240
>PTEN-G36V·YIYPNIIAMGF	16	>PTEN-G36V·YIYPNIIAMVF	8	8
>PTEN-G36V·YIYPNIIAMGF	8	>PTEN-G36V·YIYPNIIAMVF	11	3
>PTEN-G36V·YIYPNIIAMGF	173	>PTEN-G36V·YIYPNIIAMVF	71	102
>PTEN-G36V·YIYPNIIAMGF	2646	>PTEN-G36V·YIYPNIIAMVF	240	2406
>PTEN-G36V·YIYPNIIAMGF	719	>PTEN-G36V·YIYPNIIAMVF	170	549
>PTEN-G36V·YIYPNIIAMGF	701	>PTEN-G36V·YIYPNIIAMVF	189	512
>PTEN-G36V·YIYPNIIAMGF	3519	>PTEN-G36V·YIYPNIIAMVF	181	3338
>PTEN-G44D GVYRNNIDD\	225	>PTEN-G44D DVYRNNIDD\	1069	844
>PTEN-G44D GVYRNNIDD\	86	>PTEN-G44D DVYRNNIDD\	1679	1593
>PTEN-G44D GVYRNNIDD\	103	>PTEN-G44D DVYRNNIDD\	2030	1927
>PTEN-G44D GVYRNNIDD\	106	>PTEN-G44D DVYRNNIDD\	5867	5761
>PTEN-G44D GVYRNNIDD\	113	>PTEN-G44D DVYRNNIDD\	6214	6101
>PTEN-G44D GVYRNNIDD\	97	>PTEN-G44D DVYRNNIDD\	2528	2431
>PTEN-G44D GVYRNNIDD\	100	>PTEN-G44D DVYRNNIDD\	2805	2705
>PTEN-G44D GVYRNNIDD\	36	>PTEN-G44D DVYRNNIDD\	814	778
>PTEN-G44D GVYRNNIDD\	78	>PTEN-G44D DVYRNNIDD\	1564	1486
>PTEN-G44D GVYRNNIDD\	1754	>PTEN-G44D DVYRNNIDD\	417	1337
>PTEN-G44D GVYRNNIDD\	2466	>PTEN-G44D DVYRNNIDD\	55	2411
>PTEN-G44D GVYRNNIDD\	5899	>PTEN-G44D DVYRNNIDD\	156	5743
>PTEN-G44D GVYRNNIDD\	6986	>PTEN-G44D DVYRNNIDD\	333	6653
>PTEN-G44D LEGVYRNNI	15	>PTEN-G44D LEDVYRNNI	19	4
>PTEN-G44D LEGVYRNNI	457	>PTEN-G44D LEDVYRNNI	871	414
>PTEN-G44D LEGVYRNNI	40	>PTEN-G44D LEDVYRNNI	44	4
>PTEN-G44D RLEGVYRNNI	476	>PTEN-G44D RLEDVYRNNI	303	173
>PTEN-G44D RLEGVYRNNI	466	>PTEN-G44D RLEDVYRNNI	251	215
>PTEN-G44D RLEGVYRNNI	258	>PTEN-G44D RLEDVYRNNI	113	145
>PTEN-G44D RLEGVYRNNI	307	>PTEN-G44D RLEDVYRNNI	962	655
>PTEN-G44D ERLEGVYR	115	>PTEN-G44D ERLEDVYR	74	41
>PTEN-G44D AERLEGVY	166	>PTEN-G44D AERLEDVY	3319	3153

>PTEN-G44D FPAERLEGV	65	>PTEN-G44D FPAERLEDV	523	458
>PTEN-G44D FPAERLEGVY	125	>PTEN-G44D FPAERLEDVY	92	33
>PTEN-G44D FPAERLEGV	277	>PTEN-G44D FPAERLEDV	3223	2946
>PTEN-G44D FPAERLEGV	67	>PTEN-G44D FPAERLEDV	817	750
>PTEN-G44D FPAERLEGV	226	>PTEN-G44D FPAERLEDV	326	100
>PTEN-G44D FPAERLEGVY	481	>PTEN-G44D FPAERLEDVY	986	505
>PTEN-G44D FPAERLEGVY	17	>PTEN-G44D FPAERLEDVY	20	3
>PTEN-G44D FPAERLEGV	250	>PTEN-G44D FPAERLEDV	170	80
>PTEN-G44D FPAERLEGVY	170	>PTEN-G44D FPAERLEDVY	210	40
>PTEN-G44D FPAERLEG	462	>PTEN-G44D FPAERLED	942	480
>PTEN-G44D FPAERLEGV	85	>PTEN-G44D FPAERLEDV	171	86
>PTEN-G44D FPAERLEGVY	29	>PTEN-G44D FPAERLEDVY	23	6
>PTEN-G44D FPAERLEGVY	82	>PTEN-G44D FPAERLEDVY	38	44
>PTEN-G44D FPAERLEGVY	459	>PTEN-G44D FPAERLEDVY	372	87
>PTEN-G44D GFPAERLEGV	291	>PTEN-G44D GFPAERLEDV	628	337
>PTEN-G44D MGFPAERLECV	257	>PTEN-G44D MGFPAERLEI	1246	989
>PTEN-G44D MGFPAERLECV	186	>PTEN-G44D MGFPAERLEI	948	762
>PTEN-G44D MGFPAERLECV	355	>PTEN-G44D MGFPAERLEI	2639	2284
>PTEN-G44D MGFPAERLECV	46	>PTEN-G44D MGFPAERLEI	372	326
>PTEN-H118IHVAAIHCKA	289	>PTEN-H118ILVAAIHCKA	131	158
>PTEN-H118IHVAAIHCKA	1779	>PTEN-H118ILVAAIHCKA	185	1594
>PTEN-H118IHVAAIHCK	130	>PTEN-H118ILVAAIHCK	266	136
>PTEN-H118IHVAAIHCKAC	90	>PTEN-H118ILVAAIHCKAG	162	72
>PTEN-H118IHVAAIHCK	50	>PTEN-H118ILVAAIHCK	42	8
>PTEN-H118IHVAAIHCKAC	114	>PTEN-H118ILVAAIHCKAG	100	14
>PTEN-H118IHVAAIHCK	74	>PTEN-H118ILVAAIHCK	553	479
>PTEN-H118IHVAAIHCKA	304	>PTEN-H118ILVAAIHCKA	2729	2425
>PTEN-H118IHVAAIHCKAC	64	>PTEN-H118ILVAAIHCKAG	542	478
>PTEN-H118IHVAAIHCK	223	>PTEN-H118ILVAAIHCK	507	284
>PTEN-H118IHVAAIHCKAC	185	>PTEN-H118ILVAAIHCKAG	541	356
>PTEN-H118IHVAAIHCK	5	>PTEN-H118ILVAAIHCK	11	6
>PTEN-H118IHVAAIHCKAC	7	>PTEN-H118ILVAAIHCKAG	17	10
>PTEN-H118IHVAAIHCKA	12	>PTEN-H118ILVAAIHCKA	44	32
>PTEN-H118IHVAAIHCKA	480	>PTEN-H118ILVAAIHCKA	2632	2152
>PTEN-H118INHVAAIHCKA/	26716	>PTEN-H118INLVAAIHCKA	492	26224
>PTEN-H118INHVAAIHCKA/	23721	>PTEN-H118INLVAAIHCKA	254	23467
>PTEN-H118INHVAAIHCKA/	26754	>PTEN-H118INLVAAIHCKA	176	26578
>PTEN-H118INHVAAIHCKA/	25000	>PTEN-H118INLVAAIHCKA	441	24559
>PTEN-H118INHVAAIHCKA/	33402	>PTEN-H118INLVAAIHCKA	35	33367
>PTEN-H118INHVAAIHCK	1175	>PTEN-H118INLVAAIHCK	91	1084
>PTEN-H118INHVAAIHCKA/	7240	>PTEN-H118INLVAAIHCKA	157	7083
>PTEN-H118IDDNHVAAI	2150	>PTEN-H118IDDNLVAAI	288	1862
>PTEN-H118IDDNHVAAI	2910	>PTEN-H118IDDNLVAAI	400	2510

>PTEN-H118 DDNHVAAI	343	>PTEN-H118 DDNLVAAI	259	84
>PTEN-H118 EDDNHVAAI	195	>PTEN-H118 EDDNLVAAI	226	31
>PTEN-H118 SEDDNHVA	161	>PTEN-H118 SEDDNLVA	213	52
>PTEN-H118 SEDDNHVAA	347	>PTEN-H118 SEDDNLVAAI	76	271
>PTEN-H118 SEDDNHVAA	435	>PTEN-H118 SEDDNLVAAI	316	119
>PTEN-H118 SEDDNHVAA	117	>PTEN-H118 SEDDNLVAAI	88	29
>PTEN-H118 SEDDNHVA	53	>PTEN-H118 SEDDNLVA	143	90
>PTEN-H118 SEDDNHVAA	24	>PTEN-H118 SEDDNLVAA	56	32
>PTEN-H118 SEDDNHVAA	315	>PTEN-H118 SEDDNLVAAI	182	133
>PTEN-H118 SEDDNHVAA	65	>PTEN-H118 SEDDNLVAAI	41	24
>PTEN-H118 LSEDDNHVA/	514	>PTEN-H118 LSEDDNLVAA	411	103
>PTEN-H118 LSEDDNHVA/	70	>PTEN-H118 LSEDDNLVAA	62	8
>PTEN-H118 WLSEDDNH	21759	>PTEN-H118 WLSEDDNL	347	21412
>PTEN-H118 WLSEDDNHV	105	>PTEN-H118 WLSEDDNLV	45	60
>PTEN-H118 WLSEDDNHV	1721	>PTEN-H118 WLSEDDNLV,	326	1395
>PTEN-H118 WLSEDDNHV	480	>PTEN-H118 WLSEDDNLV,	109	371
>PTEN-H118 WLSEDDNH	6974	>PTEN-H118 WLSEDDNL	7	6967
>PTEN-H118 WLSEDDNHV	10	>PTEN-H118 WLSEDDNLV	4	6
>PTEN-H118 WLSEDDNHV	99	>PTEN-H118 WLSEDDNLV,	64	35
>PTEN-H118 WLSEDDNHV	30	>PTEN-H118 WLSEDDNLV,	12	18
>PTEN-H118 WLSEDDNH	19667	>PTEN-H118 WLSEDDNL	112	19555
>PTEN-H118 WLSEDDNHV	12	>PTEN-H118 WLSEDDNLV	8	4
>PTEN-H118 WLSEDDNHV	532	>PTEN-H118 WLSEDDNLV,	265	267
>PTEN-H118 WLSEDDNHV	39	>PTEN-H118 WLSEDDNLV,	16	23
>PTEN-H118 WLSEDDNH	26270	>PTEN-H118 WLSEDDNL	260	26010
>PTEN-H118 WLSEDDNHV	30	>PTEN-H118 WLSEDDNLV	37	7
>PTEN-H118 WLSEDDNHV	56	>PTEN-H118 WLSEDDNLV,	29	27
>PTEN-H118 WLSEDDNH	19762	>PTEN-H118 WLSEDDNL	58	19704
>PTEN-H118 WLSEDDNHV	8	>PTEN-H118 WLSEDDNLV	8	0
>PTEN-H118 WLSEDDNHV	65	>PTEN-H118 WLSEDDNLV,	163	98
>PTEN-H118 WLSEDDNHV	34	>PTEN-H118 WLSEDDNLV,	28	6
>PTEN-H118 WLSEDDNH	19493	>PTEN-H118 WLSEDDNL	28	19465
>PTEN-H118 WLSEDDNHV	4	>PTEN-H118 WLSEDDNLV	6	2
>PTEN-H118 WLSEDDNHV	22	>PTEN-H118 WLSEDDNLV,	103	81
>PTEN-H118 WLSEDDNHV	26	>PTEN-H118 WLSEDDNLV,	15	11
>PTEN-H118 WLSEDDNH	18597	>PTEN-H118 WLSEDDNL	29	18568
>PTEN-H118 WLSEDDNHV	6	>PTEN-H118 WLSEDDNLV	7	1
>PTEN-H118 WLSEDDNHV	46	>PTEN-H118 WLSEDDNLV,	112	66
>PTEN-H118 WLSEDDNHV	85	>PTEN-H118 WLSEDDNLV,	64	21
>PTEN-H118 WLSEDDNH	20823	>PTEN-H118 WLSEDDNL	29	20794
>PTEN-H118 WLSEDDNHV	6	>PTEN-H118 WLSEDDNLV	4	2
>PTEN-H118 WLSEDDNHV	40	>PTEN-H118 WLSEDDNLV,	176	136
>PTEN-H118 WLSEDDNHV	108	>PTEN-H118 WLSEDDNLV,	45	63

>PTEN-H118IWLSEDDNH	15980	>PTEN-H118IWLSEDDNL	9	15971
>PTEN-H118IWLSEDDNHV	2	>PTEN-H118IWLSEDDNLV	2	0
>PTEN-H118IWLSEDDNHV	7	>PTEN-H118IWLSEDDNLV	13	6
>PTEN-H118IWLSEDDNHV	9	>PTEN-H118IWLSEDDNLV	7	2
>PTEN-H118IWLSEDDNHV	243	>PTEN-H118IWLSEDDNLV	246	3
>PTEN-H118IQWLSEDDNF	8695	>PTEN-H118IQWLSEDDNL	115	8580
>PTEN-H118IQWLSEDDNF	705	>PTEN-H118IQWLSEDDNL	149	556
>PTEN-H118IQWLSEDDNF	40	>PTEN-H118IQWLSEDDNL	74	34
>PTEN-H118IQWLSEDDNF	162	>PTEN-H118IQWLSEDDNL	251	89
>PTEN-H118IHVAAIHCKA	289	>PTEN-H118IRVAAIHCKA	573	284
>PTEN-H118IHVAAIHCK	130	>PTEN-H118IRVAAIHCK	69	61
>PTEN-H118IHVAAIHCKAC	90	>PTEN-H118IRVAAIHCKAC	55	35
>PTEN-H118IHVAAIHCK	50	>PTEN-H118IRVAAIHCK	19	31
>PTEN-H118IHVAAIHCKAC	114	>PTEN-H118IRVAAIHCKAC	31	83
>PTEN-H118IHVAAIHCK	74	>PTEN-H118IRVAAIHCK	28	46
>PTEN-H118IHVAAIHCKA	304	>PTEN-H118IRVAAIHCKA	74	230
>PTEN-H118IHVAAIHCKAC	64	>PTEN-H118IRVAAIHCKAC	23	41
>PTEN-H118IHVAAIHCK	223	>PTEN-H118IRVAAIHCK	61	162
>PTEN-H118IHVAAIHCKAC	185	>PTEN-H118IRVAAIHCKAC	46	139
>PTEN-H118IHVAAIHCK	5	>PTEN-H118IRVAAIHCK	41	36
>PTEN-H118IHVAAIHCKAC	7	>PTEN-H118IRVAAIHCKAC	72	65
>PTEN-H118IHVAAIHCKA	12	>PTEN-H118IRVAAIHCKA	327	315
>PTEN-H118IHVAAIHCKA	480	>PTEN-H118IRVAAIHCKA	6900	6420
>PTEN-H118INHVAAIHCK	18336	>PTEN-H118INRVAAIHCK	113	18223
>PTEN-H118IDDNHVAAI	343	>PTEN-H118IDDNRVAAI	546	203
>PTEN-H118IEDDNHVAAI	195	>PTEN-H118IEDDNRVAAI	241	46
>PTEN-H118ISEDNDHVAA	161	>PTEN-H118ISEDNDNRVA	117	44
>PTEN-H118ISEDNDHVAA	347	>PTEN-H118ISEDNDNRVAAI	99	248
>PTEN-H118ISEDNDHVAA	435	>PTEN-H118ISEDNDNRVAAI	265	170
>PTEN-H118ISEDNDHVAA	117	>PTEN-H118ISEDNDNRVAAI	164	47
>PTEN-H118ISEDNDHVAA	53	>PTEN-H118ISEDNDNRVA	203	150
>PTEN-H118ISEDNDHVAA	24	>PTEN-H118ISEDNDNRVAA	88	64
>PTEN-H118ISEDNDHVAA	315	>PTEN-H118ISEDNDNRVAAI	254	61
>PTEN-H118ISEDNDHVAA	65	>PTEN-H118ISEDNDNRVAAI	131	66
>PTEN-H118ILSEDDNHVA/	70	>PTEN-H118ILSEDDNRVA/	66	4
>PTEN-H118IWLSEDDNHV	105	>PTEN-H118IWLSEDDNRV	102	3
>PTEN-H118IWLSEDDNHV	480	>PTEN-H118IWLSEDDNRV	670	190
>PTEN-H118IWLSEDDNHV	10	>PTEN-H118IWLSEDDNRV	9	1
>PTEN-H118IWLSEDDNHV	99	>PTEN-H118IWLSEDDNRV	342	243
>PTEN-H118IWLSEDDNHV	30	>PTEN-H118IWLSEDDNRV	51	21
>PTEN-H118IWLSEDDNHV	12	>PTEN-H118IWLSEDDNRV	14	2
>PTEN-H118IWLSEDDNHV	39	>PTEN-H118IWLSEDDNRV	64	25
>PTEN-H118IWLSEDDNHV	30	>PTEN-H118IWLSEDDNRV	78	48

>PTEN-H118I WLESDDNHV	56	>PTEN-H118I WLESDDNRV	105	49
>PTEN-H118I WLESDDNHV	8	>PTEN-H118I WLESDDNRV	6	2
>PTEN-H118I WLESDDNHV	65	>PTEN-H118I WLESDDNRV	277	212
>PTEN-H118I WLESDDNHV	34	>PTEN-H118I WLESDDNRV	94	60
>PTEN-H118I WLESDDNHV	4	>PTEN-H118I WLESDDNRV	7	3
>PTEN-H118I WLESDDNHV	22	>PTEN-H118I WLESDDNRV	306	284
>PTEN-H118I WLESDDNHV	26	>PTEN-H118I WLESDDNRV	70	44
>PTEN-H118I WLESDDNHV	6	>PTEN-H118I WLESDDNRV	8	2
>PTEN-H118I WLESDDNHV	46	>PTEN-H118I WLESDDNRV	631	585
>PTEN-H118I WLESDDNHV	85	>PTEN-H118I WLESDDNRV	206	121
>PTEN-H118I WLESDDNHV	6	>PTEN-H118I WLESDDNRV	4	2
>PTEN-H118I WLESDDNHV	40	>PTEN-H118I WLESDDNRV	517	477
>PTEN-H118I WLESDDNHV	108	>PTEN-H118I WLESDDNRV	306	198
>PTEN-H118I WLESDDNHV	2	>PTEN-H118I WLESDDNRV	2	0
>PTEN-H118I WLESDDNHV	7	>PTEN-H118I WLESDDNRV	41	34
>PTEN-H118I WLESDDNHV	9	>PTEN-H118I WLESDDNRV	9	0
>PTEN-H118I WLESDDNH	28276	>PTEN-H118I WLESDDNR	482	27794
>PTEN-H118I WLESDDNHV	243	>PTEN-H118I WLESDDNRV	311	68
>PTEN-H118I QWLESDDNH	7126	>PTEN-H118I QWLESDDNR	17	7109
>PTEN-H118I QWLESDDNH	40	>PTEN-H118I QWLESDDNR	286	246
>PTEN-H118I QWLESDDNH	162	>PTEN-H118I QWLESDDNR	276	114
>PTEN-H123' HCKAGKGR	7797	>PTEN-H123' YCKAGKGR	367	7430
>PTEN-H123' HCKAGKGR	345	>PTEN-H123' YCKAGKGR	1020	675
>PTEN-H123' IHCKAGKGR	954	>PTEN-H123' IYCKAGKGR	52	902
>PTEN-H123' SEDDNHVAA	5170	>PTEN-H123' SEDDNHVAA	117	5053
>PTEN-H123' SEDDNHVAA	4613	>PTEN-H123' SEDDNHVAA	270	4343
>PTEN-H123' AIHCKAGK	243	>PTEN-H123' AIYCKAGK	44	199
>PTEN-H123' AIHCKAGKGF	1621	>PTEN-H123' AIYCKAGKGR	199	1422
>PTEN-H123' AIHCKAGK	221	>PTEN-H123' AIYCKAGK	39	182
>PTEN-H123' AIHCKAGK	29	>PTEN-H123' AIYCKAGK	379	350
>PTEN-H123' AIHCKAGKGF	407	>PTEN-H123' AIYCKAGKGR	73	334
>PTEN-H123' AAIHCKAGK	252	>PTEN-H123' AAIYCKAGK	186	66
>PTEN-H123' AAIHCKAGKC	447	>PTEN-H123' AAIYCKAGKG	343	104
>PTEN-H123' AAIHCKAGK	909	>PTEN-H123' AAIYCKAGK	277	632
>PTEN-H123' AAIHCKAGKC	719	>PTEN-H123' AAIYCKAGKG	289	430
>PTEN-H123' VAAIHCKAGK	459	>PTEN-H123' VAAIYCKAGK	407	52
>PTEN-H123' HVAAIHCKA	289	>PTEN-H123' HVAAIYCKA	107	182
>PTEN-H123' HVAAIHCKA	1656	>PTEN-H123' HVAAIYCKA	414	1242
>PTEN-H123' HVAAIHCK	130	>PTEN-H123' HVAAIYCK	133	3
>PTEN-H123' HVAAIHCKAC	90	>PTEN-H123' HVAAIYCKAG	95	5
>PTEN-H123' HVAAIHCK	50	>PTEN-H123' HVAAIYCK	33	17
>PTEN-H123' HVAAIHCKAC	114	>PTEN-H123' HVAAIYCKAG	84	30
>PTEN-H123' HVAAIHCK	74	>PTEN-H123' HVAAIYCK	96	22

>PTEN-H123' HVAAIHCKA	304	>PTEN-H123' HVAAIYCKA	524	220
>PTEN-H123' HVAAIHCKAC	64	>PTEN-H123' HVAAIYCKAG	76	12
>PTEN-H123' HVAAIHCK	223	>PTEN-H123' HVAAIYCK	130	93
>PTEN-H123' HVAAIHCKAC	185	>PTEN-H123' HVAAIYCKAG	180	5
>PTEN-H123' HVAAIHCK	5	>PTEN-H123' HVAAIYCK	5	0
>PTEN-H123' HVAAIHCKAC	7	>PTEN-H123' HVAAIYCKAG	7	0
>PTEN-H123' HVAAIHCKA	12	>PTEN-H123' HVAAIYCKA	8	4
>PTEN-H123' HVAAIHCKA	480	>PTEN-H123' HVAAIYCKA	287	193
>PTEN-H141' LHRGKFLK	386	>PTEN-H141' LYRGKFLK	5	381
>PTEN-H141' LHRGKFLKA	5588	>PTEN-H141' LYRGKFLKA	30	5558
>PTEN-H141' LHRGKFLKAC	11860	>PTEN-H141' LYRGKFLKAQ	487	11373
>PTEN-H141' LHRGKFLK	6052	>PTEN-H141' LYRGKFLK	77	5975
>PTEN-H141' LHRGKFLK	14075	>PTEN-H141' LYRGKFLK	214	13861
>PTEN-H141' LHRGKFLK	10450	>PTEN-H141' LYRGKFLK	483	9967
>PTEN-H141' TGVMICAYLL	6892	>PTEN-H141' TGVMICAYLL	42	6850
>PTEN-H141' TGVMICAYLL	21171	>PTEN-H141' TGVMICAYLL	488	20683
>PTEN-H141' TGVMICAYLL	4572	>PTEN-H141' TGVMICAYLL	259	4313
>PTEN-H141' LLHRGKFL	2717	>PTEN-H141' LLYRGKFL	292	2425
>PTEN-H141' LLHRGKFLKA	2762	>PTEN-H141' LLYRGKFLKA	361	2401
>PTEN-H141' LLHRGKFL	274	>PTEN-H141' LLYRGKFL	81	193
>PTEN-H141' LLHRGKFLKA	546	>PTEN-H141' LLYRGKFLKA	100	446
>PTEN-H141' LLHRGKFL	288	>PTEN-H141' LLYRGKFL	50	238
>PTEN-H141' LLHRGKFLKA	194	>PTEN-H141' LLYRGKFLKA	44	150
>PTEN-H141' LLHRGKFL	2648	>PTEN-H141' LLYRGKFL	389	2259
>PTEN-H141' LLHRGKFLKA	3181	>PTEN-H141' LLYRGKFLKA	404	2777
>PTEN-H141' LLHRGKFL	28	>PTEN-H141' LLYRGKFL	5	23
>PTEN-H141' LLHRGKFLKA	132	>PTEN-H141' LLYRGKFLKA	14	118
>PTEN-H141' LLHRGKFLKA	3669	>PTEN-H141' LLYRGKFLKA	459	3210
>PTEN-H141' LLHRGKFL	353	>PTEN-H141' LLYRGKFL	41	312
>PTEN-H141' LLHRGKFLKA	2677	>PTEN-H141' LLYRGKFLKA	367	2310
>PTEN-H141' LLHRGKFL	204	>PTEN-H141' LLYRGKFL	15	189
>PTEN-H141' LLHRGKFLKA	700	>PTEN-H141' LLYRGKFLKA	31	669
>PTEN-H141' LLHRGKFL	3033	>PTEN-H141' LLYRGKFL	419	2614
>PTEN-H141' LLHRGKFL	8	>PTEN-H141' LLYRGKFL	5	3
>PTEN-H141' LLHRGKFLK	328	>PTEN-H141' LLYRGKFLK	59	269
>PTEN-H141' LLHRGKFLKA	8	>PTEN-H141' LLYRGKFLKA	4	4
>PTEN-H141' LLHRGKFLKA	230	>PTEN-H141' LLYRGKFLKA	52	178
>PTEN-H141' LLHRGKFLK	41	>PTEN-H141' LLYRGKFLK	24	17
>PTEN-H141' LLHRGKFLK	63	>PTEN-H141' LLYRGKFLK	19	44
>PTEN-H141' LLHRGKFLK	37	>PTEN-H141' LLYRGKFLK	545	508
>PTEN-H141' LLHRGKFLK	69	>PTEN-H141' LLYRGKFLK	35	34
>PTEN-H141' LLHRGKFLK	427	>PTEN-H141' LLYRGKFLK	119	308
>PTEN-H141' YLLHRGKFL	93	>PTEN-H141' YLLYRGKFL	70	23

>PTEN-H141'YLLHRGKFLK/	86	>PTEN-H141'YLLYRGKFLK/	78	8
>PTEN-H141'YLLHRGKFL	91	>PTEN-H141'YLLYRGKFL	70	21
>PTEN-H141'YLLHRGKFLK/	446	>PTEN-H141'YLLYRGKFLK/	415	31
>PTEN-H141'YLLHRGKFL	70	>PTEN-H141'YLLYRGKFL	132	62
>PTEN-H141'YLLHRGKFLK/	44	>PTEN-H141'YLLYRGKFLK/	78	34
>PTEN-H141'YLLHRGKFL	105	>PTEN-H141'YLLYRGKFL	156	51
>PTEN-H141'YLLHRGKFLK/	66	>PTEN-H141'YLLYRGKFLK/	102	36
>PTEN-H141'YLLHRGKFL	6	>PTEN-H141'YLLYRGKFL	10	4
>PTEN-H141'YLLHRGKFLK/	12	>PTEN-H141'YLLYRGKFLK/	25	13
>PTEN-H141'YLLHRGKFL	10	>PTEN-H141'YLLYRGKFL	15	5
>PTEN-H141'YLLHRGKFLK/	39	>PTEN-H141'YLLYRGKFLK/	62	23
>PTEN-H141'YLLHRGKFL	12	>PTEN-H141'YLLYRGKFL	18	6
>PTEN-H141'YLLHRGKFLK/	17	>PTEN-H141'YLLYRGKFLK/	30	13
>PTEN-H141'YLLHRGKFL	58	>PTEN-H141'YLLYRGKFL	86	28
>PTEN-H141'YLLHRGKFLK/	317	>PTEN-H141'YLLYRGKFLK/	401	84
>PTEN-H141'YLLHRGKFL	6	>PTEN-H141'YLLYRGKFL	14	8
>PTEN-H141'YLLHRGKFLK	296	>PTEN-H141'YLLYRGKFLK	654	358
>PTEN-H141'YLLHRGKFLK/	8	>PTEN-H141'YLLYRGKFLK/	15	7
>PTEN-H141'YLLHRGKFLK	28	>PTEN-H141'YLLYRGKFLK	16	12
>PTEN-H141'YLLHRGKFLK	113	>PTEN-H141'YLLYRGKFLK	52	61
>PTEN-H141'YLLHRGKF	606	>PTEN-H141'YLLYRGKF	445	161
>PTEN-H141'YLLHRGKFLK	316	>PTEN-H141'YLLYRGKFLK	336	20
>PTEN-H141'YLLHRGKFLK	1275	>PTEN-H141'YLLYRGKFLK	328	947
>PTEN-H141'YLLHRGKF	412	>PTEN-H141'YLLYRGKF	319	93
>PTEN-H141'YLLHRGKFL	54	>PTEN-H141'YLLYRGKFL	36	18
>PTEN-H141'YLLHRGKFLK/	154	>PTEN-H141'YLLYRGKFLK/	97	57
>PTEN-H141'YLLHRGKF	473	>PTEN-H141'YLLYRGKF	495	22
>PTEN-H141'YLLHRGKF	43	>PTEN-H141'YLLYRGKF	49	6
>PTEN-H141'YLLHRGKFL	478	>PTEN-H141'YLLYRGKFL	519	41
>PTEN-H141'YLLHRGKF	45	>PTEN-H141'YLLYRGKF	49	4
>PTEN-H141'YLLHRGKFL	278	>PTEN-H141'YLLYRGKFL	253	25
>PTEN-H141'YLLHRGKF	259	>PTEN-H141'YLLYRGKF	428	169
>PTEN-H141'YLLHRGKFLK	111	>PTEN-H141'YLLYRGKFLK	60	51
>PTEN-H141'AYLLHRGKFLI	230	>PTEN-H141'AYLLYRGKFLI	180	50
>PTEN-H141'AYLLHRGKF	418	>PTEN-H141'AYLLYRGKF	261	157
>PTEN-H141'AYLLHRGKFL	368	>PTEN-H141'AYLLYRGKFL	74	294
>PTEN-H141'AYLLHRGKF	8	>PTEN-H141'AYLLYRGKF	8	0
>PTEN-H141'AYLLHRGKFL	16	>PTEN-H141'AYLLYRGKFL	16	0
>PTEN-H141'AYLLHRGK	40	>PTEN-H141'AYLLYRGK	50	10
>PTEN-H141'AYLLHRGKFLI	25	>PTEN-H141'AYLLYRGKFLI	26	1
>PTEN-H141'AYLLHRGKFLI	76	>PTEN-H141'AYLLYRGKFLI	62	14
>PTEN-H141'AYLLHRGKFLI	305	>PTEN-H141'AYLLYRGKFLI	397	92
>PTEN-H141'AYLLHRGKFL	540	>PTEN-H141'AYLLYRGKFL	296	244

>PTEN-H141' CAYLLHRGKF	119	>PTEN-H141' CAYLLYRGKFI	62	57
>PTEN-H141' CAYLLHRGK	523	>PTEN-H141' CAYLLYRGK	321	202
>PTEN-H141' CAYLLHRGK	471	>PTEN-H141' CAYLLYRGK	586	115
>PTEN-H141' CAYLLHRGKF	67	>PTEN-H141' CAYLLYRGKF	87	20
>PTEN-H141' CAYLLHRGKF	350	>PTEN-H141' CAYLLYRGKFI	782	432
>PTEN-H141' CAYLLHRGKF	350	>PTEN-H141' CAYLLYRGKF	502	152
>PTEN-H141' CAYLLHRGKF	185	>PTEN-H141' CAYLLYRGKFI	175	10
>PTEN-H141' ICAYLLHR	569	>PTEN-H141' ICAYLLYR	136	433
>PTEN-H141' ICAYLLHR	969	>PTEN-H141' ICAYLLYR	311	658
>PTEN-H141' ICAYLLHRGKI	187	>PTEN-H141' ICAYLLYRGKF	127	60
>PTEN-H141' ICAYLLHR	107	>PTEN-H141' ICAYLLYR	46	61
>PTEN-H141' MICAYLLH	784	>PTEN-H141' MICAYLLY	199	585
>PTEN-H141' MICAYLLHR	315	>PTEN-H141' MICAYLLYR	119	196
>PTEN-H141' MICAYLLHRG	162	>PTEN-H141' MICAYLLYRG	138	24
>PTEN-H141' MICAYLLH	299	>PTEN-H141' MICAYLLY	43	256
>PTEN-H141' MICAYLLHR	89	>PTEN-H141' MICAYLLYR	23	66
>PTEN-H141' MICAYLLHRG	49	>PTEN-H141' MICAYLLYRG	36	13
>PTEN-H141' MICAYLLH	561	>PTEN-H141' MICAYLLY	7	554
>PTEN-H141' MICAYLLHRG	77	>PTEN-H141' MICAYLLYRG	93	16
>PTEN-H141' MICAYLLH	17667	>PTEN-H141' MICAYLLY	275	17392
>PTEN-H141' MICAYLLHR	11	>PTEN-H141' MICAYLLYR	7	4
>PTEN-H141' MICAYLLHRG	473	>PTEN-H141' MICAYLLYRG	412	61
>PTEN-H141' MICAYLLHR	45	>PTEN-H141' MICAYLLYR	30	15
>PTEN-H141' MICAYLLHR	28	>PTEN-H141' MICAYLLYR	9	19
>PTEN-H141' MICAYLLHRG	124	>PTEN-H141' MICAYLLYRG	134	10
>PTEN-H141' MICAYLLH	2448	>PTEN-H141' MICAYLLY	7	2441
>PTEN-H141' MICAYLLH	7611	>PTEN-H141' MICAYLLY	134	7477
>PTEN-H141' MICAYLLH	18278	>PTEN-H141' MICAYLLY	479	17799
>PTEN-H141' MICAYLLH	5962	>PTEN-H141' MICAYLLY	355	5607
>PTEN-H141' MICAYLLH	15271	>PTEN-H141' MICAYLLY	255	15016
>PTEN-H141' MICAYLLHR	28	>PTEN-H141' MICAYLLYR	20	8
>PTEN-H141' VMICAYLLHR	1610	>PTEN-H141' VMICAYLLYR	402	1208
>PTEN-H141' VMICAYLLH	1044	>PTEN-H141' VMICAYLLY	229	815
>PTEN-H141' VMICAYLLHR	166	>PTEN-H141' VMICAYLLYR	73	93
>PTEN-H141' VMICAYLLH	1118	>PTEN-H141' VMICAYLLY	105	1013
>PTEN-H141' VMICAYLLHR	52	>PTEN-H141' VMICAYLLYR	29	23
>PTEN-H141' VMICAYLLH	46	>PTEN-H141' VMICAYLLY	4	42
>PTEN-H141' VMICAYLLH	10921	>PTEN-H141' VMICAYLLY	211	10710
>PTEN-H141' VMICAYLLHR	44	>PTEN-H141' VMICAYLLYR	17	27
>PTEN-H141' VMICAYLLHR	237	>PTEN-H141' VMICAYLLYR	43	194
>PTEN-H141' VMICAYLLHR	119	>PTEN-H141' VMICAYLLYR	21	98
>PTEN-H141' VMICAYLLH	4088	>PTEN-H141' VMICAYLLY	8	4080
>PTEN-H141' VMICAYLLH	1281	>PTEN-H141' VMICAYLLY	44	1237



>PTEN-H141'VMICAYLLH	14351	>PTEN-H141'VMICAYLLY	484	13867
>PTEN-H141'VMICAYLLH	676	>PTEN-H141'VMICAYLLY	12	664
>PTEN-H141'VMICAYLLHR	434	>PTEN-H141'VMICAYLLYR	455	21
>PTEN-H141'VMICAYLLH	4605	>PTEN-H141'VMICAYLLY	400	4205
>PTEN-H141'VMICAYLLH	20598	>PTEN-H141'VMICAYLLY	404	20194
>PTEN-H141'VMICAYLLHR	70	>PTEN-H141'VMICAYLLYR	48	22
>PTEN-H141'VMICAYLLHR	58	>PTEN-H141'VMICAYLLYR	27	31
>PTEN-H141'GVMICAYLLH	1009	>PTEN-H141'GVMICAYLLY	145	864
>PTEN-H141'GVMICAYLLH	881	>PTEN-H141'GVMICAYLLY	354	527
>PTEN-H141'GVMICAYLLH	1450	>PTEN-H141'GVMICAYLLY	59	1391
>PTEN-H141'GVMICAYLLH	52	>PTEN-H141'GVMICAYLLY	20	32
>PTEN-H141'GVMICAYLLH	10456	>PTEN-H141'GVMICAYLLY	46	10410
>PTEN-H141'GVMICAYLLH	17962	>PTEN-H141'GVMICAYLLY	155	17807
>PTEN-H141'GVMICAYLLH	38	>PTEN-H141'GVMICAYLLY	18	20
>PTEN-H141'GVMICAYLLH	177	>PTEN-H141'GVMICAYLLY	48	129
>PTEN-H141'GVMICAYLLH	14014	>PTEN-H141'GVMICAYLLY	49	13965
>PTEN-H141'GVMICAYLLH	14462	>PTEN-H141'GVMICAYLLY	369	14093
>PTEN-H141'GVMICAYLLH	21445	>PTEN-H141'GVMICAYLLY	301	21144
>PTEN-H141'GVMICAYLLH	198	>PTEN-H141'GVMICAYLLY	177	21
>PTEN-H141'GVMICAYLLH	132	>PTEN-H141'GVMICAYLLY	50	82
>PTEN-H272 HFWVNTFF	32	>PTEN-H272 RFWVNTFF	19	13
>PTEN-H272 HFWVNTFF	511	>PTEN-H272 RFWVNTFF	125	386
>PTEN-H272 HFWVNTFF	17	>PTEN-H272 RFWVNTFF	9	8
>PTEN-H272 HFWVNTFF	107	>PTEN-H272 RFWVNTFF	204	97
>PTEN-H272 HFWVNTFF	708	>PTEN-H272 RFWVNTFF	158	550
>PTEN-H272 HFWVNTFF	2166	>PTEN-H272 RFWVNTFF	197	1969
>PTEN-H272 HFWVNTFF	473	>PTEN-H272 RFWVNTFF	153	320
>PTEN-H272 HFWVNTFF	271	>PTEN-H272 RFWVNTFF	2529	2258
>PTEN-H272 FHFVNTFFI	25	>PTEN-H272 FRFWNTFFI	35	10
>PTEN-H272 FHFVNTFFI	126	>PTEN-H272 FRFWNTFFI	141	15
>PTEN-H272 FHFVNTFFI	378	>PTEN-H272 FRFWNTFFI	453	75
>PTEN-H272 FHFVNTF	456	>PTEN-H272 FRFWNTF	1597	1141
>PTEN-H272 FHFVNTF	93	>PTEN-H272 FRFWNTF	2647	2554
>PTEN-H272 FHFVNTF	7	>PTEN-H272 FRFWNTF	7	0
>PTEN-H272 FHFVNTFFI	826	>PTEN-H272 FRFWNTFFI	354	472
>PTEN-H272 FHFVNTF	483	>PTEN-H272 FRFWNTF	5581	5098
>PTEN-H272 FHFVNTF	9522	>PTEN-H272 FRFWNTF	38	9484
>PTEN-H272 FHFVNTFFI	17510	>PTEN-H272 FRFWNTFFI	256	17254
>PTEN-H272 FHFVNTF	229	>PTEN-H272 FRFWNTF	648	419
>PTEN-H272 FHFVNTF	32	>PTEN-H272 FRFWNTF	43	11
>PTEN-H272 FHFVNTFFI	50	>PTEN-H272 FRFWNTFFI	78	28
>PTEN-H272 FHFVNTFFI	8190	>PTEN-H272 FRFWNTFFI	307	7883
>PTEN-H272 FHFVNTFFI	4123	>PTEN-H272 FRFWNTFFI	140	3983

>PTEN-H272IFHFVWNTF	29	>PTEN-H272IFRFVWNTF	67	38
>PTEN-H272IMFHFVWNTF	112	>PTEN-H272IMFRFVWNTF	885	773
>PTEN-H272IMFHFVWNTF	462	>PTEN-H272IMFRFVWNTF	4205	3743
>PTEN-H272IMFHFVWNTF	42	>PTEN-H272IMFRFVWNTF	34	8
>PTEN-H272IMFHFVWNTF	106	>PTEN-H272IMFRFVWNTF	209	103
>PTEN-H272IMFHFVWNTF	13	>PTEN-H272IMFRFVWNTF	44	31
>PTEN-H272IMFHFVWNTF	15	>PTEN-H272IMFRFVWNTF	64	49
>PTEN-H272IMFHFVWNT	1803	>PTEN-H272IMFRFVWNT	206	1597
>PTEN-H272IMFHFVWNTF	2666	>PTEN-H272IMFRFVWNTF	313	2353
>PTEN-H272IMFHFVWNTF	24	>PTEN-H272IMFRFVWNTF	7	17
>PTEN-H272IMFHFVWNTF	256	>PTEN-H272IMFRFVWNTF	3552	3296
>PTEN-H272IMFHFVWNTF	690	>PTEN-H272IMFRFVWNTF	419	271
>PTEN-H272IMFHFVWNT	492	>PTEN-H272IMFRFVWNT	610	118
>PTEN-H272IMFHFVWNTF	56	>PTEN-H272IMFRFVWNTF	61	5
>PTEN-H272IKMFHFVWNT	159	>PTEN-H272IKMFRFVWNT	123	36
>PTEN-H272IKMFHFVWNT	219	>PTEN-H272IKMFRFVWNT	463	244
>PTEN-H272IKMFHFVWNT	72	>PTEN-H272IKMFRFVWNT	111	39
>PTEN-H272IKMFHFVWNT	110	>PTEN-H272IKMFRFVWNT	158	48
>PTEN-H272IKMFHFVWNT	163	>PTEN-H272IKMFRFVWNT	156	7
>PTEN-H272IKMFHFVWNT	29	>PTEN-H272IKMFRFVWNT	24	5
>PTEN-H272IKMFHFVWNT	45	>PTEN-H272IKMFRFVWNT	36	9
>PTEN-H272IKMFHFVWNT	357	>PTEN-H272IKMFRFVWNT	384	27
>PTEN-H272IKMFHFVWNT	379	>PTEN-H272IKMFRFVWNT	329	50
>PTEN-H272IKMFHFVWNT	456	>PTEN-H272IKMFRFVWNT	297	159
>PTEN-H272IKMFHFVWNT	133	>PTEN-H272IKMFRFVWNT	94	39
>PTEN-H272IKMFHFVWNT	543	>PTEN-H272IKMFRFVWNT	380	163
>PTEN-H272IKMFHFVWNT	175	>PTEN-H272IKMFRFVWNT	565	390
>PTEN-H272IKMFHFVWNT	807	>PTEN-H272IKMFRFVWNT	474	333
>PTEN-H272IKMFHFVWNT	444	>PTEN-H272IKMFRFVWNT	880	436
>PTEN-H272IKMFHFVWNT	89	>PTEN-H272IKMFRFVWNT	79	10
>PTEN-H272IKMFHFVWNT	429	>PTEN-H272IKMFRFVWNT	465	36
>PTEN-H272IKMFHFVWNT	3	>PTEN-H272IKMFRFVWNT	5	2
>PTEN-H272IKMFHFVWNT	7	>PTEN-H272IKMFRFVWNT	8	1
>PTEN-H272IKMFHFVWNT	34	>PTEN-H272IKMFRFVWNT	40	6
>PTEN-H272IKMFHFVWNT	43	>PTEN-H272IKMFRFVWNT	54	11
>PTEN-H272IKMFHFVWNT	165	>PTEN-H272IKMFRFVWNT	232	67
>PTEN-H272IKMFHFVWNT	248	>PTEN-H272IKMFRFVWNT	328	80
>PTEN-H272IKMFHFVWNT	314	>PTEN-H272IKMFRFVWNT	719	405
>PTEN-H272IKMFHFVWNT	2	>PTEN-H272IKMFRFVWNT	2	0
>PTEN-H272IKMFHFVWNT	3	>PTEN-H272IKMFRFVWNT	3	0
>PTEN-H272IKMFHFVWNT	32	>PTEN-H272IKMFRFVWNT	97	65
>PTEN-H272IKMFHFVWNT	67	>PTEN-H272IKMFRFVWNT	172	105
>PTEN-H272IKMFHFVWNT	121	>PTEN-H272IKMFRFVWNT	83	38

>PTEN-H272IKMFHFWVN†	232	>PTEN-H272IKMFRFWVN†	148	84
>PTEN-H272IKMFHFWVN†	38	>PTEN-H272IKMFRFWVN†	33	5
>PTEN-H272IKMFHFWVN†	28	>PTEN-H272IKMFRFWVN†	24	4
>PTEN-H272IKMFHFWVN†	100	>PTEN-H272IKMFRFWVN†	100	0
>PTEN-H272IKMFHFWVN†	688	>PTEN-H272IKMFRFWVN†	280	408
>PTEN-H272IKMFHFWVN	161	>PTEN-H272IKMFRFWVN	275	114
>PTEN-H272IDKMFHFWV†	19	>PTEN-H272IDKMFRFWV†	30	11
>PTEN-H272IDKMFHFWV†	190	>PTEN-H272IDKMFRFWV†	474	284
>PTEN-H272IKDKMFHFW\	395	>PTEN-H272IKDKMFRFW\	500	105
>PTEN-H272IKDKMFHF	117	>PTEN-H272IKDKMFRF	277	160
>PTEN-H272ILKKDKMFH\	474	>PTEN-H272ILKKDKMFRV	838	364
>PTEN-H272IMLKKDKMFH	63	>PTEN-H272IMLKKDKMFR	205	142
>PTEN-H272IMLKKDKMFH	71	>PTEN-H272IMLKKDKMFR	208	137
>PTEN-H272IMLKKDKMFH	137	>PTEN-H272IMLKKDKMFR	184	47
>PTEN-H272IKMLKKDKMF	262	>PTEN-H272IKMLKKDKMF	750	488
>PTEN-H272IKMLKKDKMF	188	>PTEN-H272IKMLKKDKMF	279	91
>PTEN-H272IKMLKKDKMF	162	>PTEN-H272IKMLKKDKMF	285	123
>PTEN-H272IKMLKKDKMF	359	>PTEN-H272IKMLKKDKMF	700	341
>PTEN-H272IKMLKKDKMF	111	>PTEN-H272IKMLKKDKMF	63	48
>PTEN-H272IKMLKKDKMF	167	>PTEN-H272IKMLKKDKMF	758	591
>PTEN-H272IKMLKKDKMF	15	>PTEN-H272IKMLKKDKMF	34	19
>PTEN-H272IKMLKKDKMF	38	>PTEN-H272IKMLKKDKMF	19	19
>PTEN-H272IKMLKKDKMF	118	>PTEN-H272IKMLKKDKMF	226	108
>PTEN-H272IKMLKKDKMF	2367	>PTEN-H272IKMLKKDKMF	13	2354
>PTEN-H272'HFVWNTFF	32	>PTEN-H272'YFVWNTFF	15	17
>PTEN-H272'HFVWNTFF	511	>PTEN-H272'YFVWNTFF	119	392
>PTEN-H272'HFVWNTFF	17	>PTEN-H272'YFVWNTFF	9	8
>PTEN-H272'HFVWNTFF	107	>PTEN-H272'YFVWNTFF	22	85
>PTEN-H272'HFVWNTFF	510	>PTEN-H272'YFVWNTFF	215	295
>PTEN-H272'HFVWNTFF	473	>PTEN-H272'YFVWNTFF	151	322
>PTEN-H272'HFVWNTFF	271	>PTEN-H272'YFVWNTFF	127	144
>PTEN-H272'FHFVWNTF	12400	>PTEN-H272'FYFVWNTF	169	12231
>PTEN-H272'FHFVWNTFFI	1510	>PTEN-H272'FYFVWNTFFI	11	1499
>PTEN-H272'FHFVWNTFFI	25	>PTEN-H272'FYFVWNTFFI	45	20
>PTEN-H272'FHFVWNTFFI	126	>PTEN-H272'FYFVWNTFFI	19	107
>PTEN-H272'FHFVWNTFFI	378	>PTEN-H272'FYFVWNTFFI	50	328
>PTEN-H272'FHFVWNTFFI	7292	>PTEN-H272'FYFVWNTFFI	481	6811
>PTEN-H272'FHFVWNTF	456	>PTEN-H272'FYFVWNTF	34	422
>PTEN-H272'FHFVWNTF	1098	>PTEN-H272'FYFVWNTF	42	1056
>PTEN-H272'FHFVWNTF	93	>PTEN-H272'FYFVWNTF	5	88
>PTEN-H272'FHFVWNTFFI	1000	>PTEN-H272'FYFVWNTFFI	5	995
>PTEN-H272'FHFVWNTF	2723	>PTEN-H272'FYFVWNTF	292	2431
>PTEN-H272'FHFVWNTF	750	>PTEN-H272'FYFVWNTF	71	679

>PTEN-H272' FHFVWNTF	7	>PTEN-H272' FYFWVNTF	44	37
>PTEN-H272' FHFVWNTF	483	>PTEN-H272' FYFWVNTF	7777	7294
>PTEN-H272' FHFVWNTF	229	>PTEN-H272' FYFWVNTF	162	67
>PTEN-H272' FHFVWNTF	32	>PTEN-H272' FYFWVNTF	2127	2095
>PTEN-H272' FHFVWNTFFI	50	>PTEN-H272' FYFWVNTFFI	3376	3326
>PTEN-H272' FHFVWNTF	29	>PTEN-H272' FYFWVNTF	2798	2769
>PTEN-H272' FHFVWNTF	4123	>PTEN-H272' FYFWVNTF	136	3987
>PTEN-H272' FHFVWNTFFI	9683	>PTEN-H272' FYFWVNTFFI	279	9404
>PTEN-H272' MFHFVWNTF	973	>PTEN-H272' MFYFWVNTF	102	871
>PTEN-H272' MFHFVWNTF	2097	>PTEN-H272' MFYFWVNTF	275	1822
>PTEN-H272' MFHFVWNTF	112	>PTEN-H272' MFYFWVNTF	27	85
>PTEN-H272' MFHFVWNTF	2289	>PTEN-H272' MFYFWVNTF	306	1983
>PTEN-H272' MFHFVWNTF	462	>PTEN-H272' MFYFWVNTF	47	415
>PTEN-H272' MFHFVWNTF	4738	>PTEN-H272' MFYFWVNTF	364	4374
>PTEN-H272' MFHFVWNTF	42	>PTEN-H272' MFYFWVNTF	15	27
>PTEN-H272' MFHFVWNTF	106	>PTEN-H272' MFYFWVNTF	81	25
>PTEN-H272' MFHFVWNTF	13	>PTEN-H272' MFYFWVNTF	16	3
>PTEN-H272' MFHFVWNTF	15	>PTEN-H272' MFYFWVNTF	18	3
>PTEN-H272' MFHFVWNTF	521	>PTEN-H272' MFYFWVNTF	145	376
>PTEN-H272' MFHFVWNTF	24	>PTEN-H272' MFYFWVNTF	250	226
>PTEN-H272' MFHFVWNTF	751	>PTEN-H272' MFYFWVNTF	381	370
>PTEN-H272' MFHFVWNTF	2274	>PTEN-H272' MFYFWVNTF	482	1792
>PTEN-H272' MFHFVWNTF	256	>PTEN-H272' MFYFWVNTF	159	97
>PTEN-H272' MFHFVWNTF	4171	>PTEN-H272' MFYFWVNTF	205	3966
>PTEN-H272' MFHFVWNTF	690	>PTEN-H272' MFYFWVNTF	175	515
>PTEN-H272' MFHFVWNT	492	>PTEN-H272' MFYFWVNT	288	204
>PTEN-H272' MFHFVWNTF	56	>PTEN-H272' MFYFWVNTF	44	12
>PTEN-H272' KMFHFVWNT	159	>PTEN-H272' KMFYFWVNT	153	6
>PTEN-H272' KMFHFVWNT	219	>PTEN-H272' KMFYFWVNT	187	32
>PTEN-H272' KMFHFVWNT	72	>PTEN-H272' KMFYFWVNT	84	12
>PTEN-H272' KMFHFVWNT	110	>PTEN-H272' KMFYFWVNT	216	106
>PTEN-H272' KMFHFVWNT	163	>PTEN-H272' KMFYFWVNT	303	140
>PTEN-H272' KMFHFVWNT	29	>PTEN-H272' KMFYFWVNT	61	32
>PTEN-H272' KMFHFVWNT	45	>PTEN-H272' KMFYFWVNT	102	57
>PTEN-H272' KMFHFVWNT	357	>PTEN-H272' KMFYFWVNT	668	311
>PTEN-H272' KMFHFVWNT	379	>PTEN-H272' KMFYFWVNT	345	34
>PTEN-H272' KMFHFVWNT	456	>PTEN-H272' KMFYFWVNT	483	27
>PTEN-H272' KMFHFVWNT	133	>PTEN-H272' KMFYFWVNT	180	47
>PTEN-H272' KMFHFVWNT	175	>PTEN-H272' KMFYFWVNT	134	41
>PTEN-H272' KMFHFVWNT	444	>PTEN-H272' KMFYFWVNT	327	117
>PTEN-H272' KMFHFVWNT	89	>PTEN-H272' KMFYFWVNT	76	13
>PTEN-H272' KMFHFVWNT	429	>PTEN-H272' KMFYFWVNT	204	225
>PTEN-H272' KMFHFVWNT	3	>PTEN-H272' KMFYFWVNT	3	0

>PTEN-H272'KMFHFVVNT	7	>PTEN-H272'KMFYFVVNT	5	2
>PTEN-H272'KMFHFVVNT	34	>PTEN-H272'KMFYFVVNT	33	1
>PTEN-H272'KMFHFVVNT	43	>PTEN-H272'KMFYFVVNT	42	1
>PTEN-H272'KMFHFVVNT	165	>PTEN-H272'KMFYFVVNT	171	6
>PTEN-H272'KMFHFVVNT	248	>PTEN-H272'KMFYFVVNT	261	13
>PTEN-H272'KMFHFVVN	314	>PTEN-H272'KMFYFVVN	315	1
>PTEN-H272'KMFHFVVNT	2	>PTEN-H272'KMFYFVVNT	2	0
>PTEN-H272'KMFHFVVNT	3	>PTEN-H272'KMFYFVVNT	2	1
>PTEN-H272'KMFHFVVNT	32	>PTEN-H272'KMFYFVVNT	68	36
>PTEN-H272'KMFHFVVNT	67	>PTEN-H272'KMFYFVVNT	124	57
>PTEN-H272'KMFHFVVNT	121	>PTEN-H272'KMFYFVVNT	142	21
>PTEN-H272'KMFHFVVNT	232	>PTEN-H272'KMFYFVVNT	276	44
>PTEN-H272'KMFHFVVNT	38	>PTEN-H272'KMFYFVVNT	54	16
>PTEN-H272'KMFHFVVNT	28	>PTEN-H272'KMFYFVVNT	42	14
>PTEN-H272'KMFHFVVNT	100	>PTEN-H272'KMFYFVVNT	68	32
>PTEN-H272'KMFHFVVN	161	>PTEN-H272'KMFYFVVN	242	81
>PTEN-H272'DKMFHFVV	884	>PTEN-H272'DKMFYFVV	367	517
>PTEN-H272'DKMFHFVVI	19	>PTEN-H272'DKMFYFVVI	14	5
>PTEN-H272'DKMFHFVVI	190	>PTEN-H272'DKMFYFVVI	164	26
>PTEN-H272'KDKMFHFV	395	>PTEN-H272'KDKMFYFV	431	36
>PTEN-H272'KKDKMFHF	117	>PTEN-H272'KKDKMFYF	97	20
>PTEN-H272'LKKDKMFH	2456	>PTEN-H272'LKKDKMFY	41	2415
>PTEN-H272'LKKDKMFHF	474	>PTEN-H272'LKKDKMFYF	745	271
>PTEN-H272'MLKKDKMFH	63	>PTEN-H272'MLKKDKMFY	140	77
>PTEN-H272'MLKKDKMFH	71	>PTEN-H272'MLKKDKMFY	69	2
>PTEN-H272'MLKKDKMFH	137	>PTEN-H272'MLKKDKMFY	155	18
>PTEN-H272'MLKKDKMFH	553	>PTEN-H272'MLKKDKMFY	219	334
>PTEN-H272'KMLKKDKMF	262	>PTEN-H272'KMLKKDKMF	185	77
>PTEN-H272'KMLKKDKMF	830	>PTEN-H272'KMLKKDKMF	130	700
>PTEN-H272'KMLKKDKMF	188	>PTEN-H272'KMLKKDKMF	388	200
>PTEN-H272'KMLKKDKMF	162	>PTEN-H272'KMLKKDKMF	99	63
>PTEN-H272'KMLKKDKMF	359	>PTEN-H272'KMLKKDKMF	210	149
>PTEN-H272'KMLKKDKMF	111	>PTEN-H272'KMLKKDKMF	143	32
>PTEN-H272'KMLKKDKMF	3243	>PTEN-H272'KMLKKDKMF	16	3227
>PTEN-H272'KMLKKDKMF	167	>PTEN-H272'KMLKKDKMF	478	311
>PTEN-H272'KMLKKDKMF	2075	>PTEN-H272'KMLKKDKMF	32	2043
>PTEN-H272'KMLKKDKMF	15	>PTEN-H272'KMLKKDKMF	14	1
>PTEN-H272'KMLKKDKMF	18858	>PTEN-H272'KMLKKDKMF	424	18434
>PTEN-H272'KMLKKDKMF	38	>PTEN-H272'KMLKKDKMF	30	8
>PTEN-H272'KMLKKDKMF	118	>PTEN-H272'KMLKKDKMF	98	20
>PTEN-H397'QHTQITKV	12310	>PTEN-H397'QYTQITKV	182	12128
>PTEN-H397'QHTQITKV	21369	>PTEN-H397'QYTQITKV	388	20981
>PTEN-H397'QHTQITKV	5688	>PTEN-H397'QYTQITKV	444	5244

>PTEN-H397' EDQHTQITKV	202	>PTEN-H397' EDQYTQITKV	509	307
>PTEN-H397' DEDQHTQITK	1308	>PTEN-H397' DEDQYTQITK	411	897
>PTEN-H397' FDEDQHTQI	1874	>PTEN-H397' FDEDQYTQI	370	1504
>PTEN-H397' FDEDQHTQI	195	>PTEN-H397' FDEDQYTQI	63	132
>PTEN-H397' EPFDEDQHQ	76	>PTEN-H397' EPFDEDQY	12	64
>PTEN-H397' EPFDEDQHTC	384	>PTEN-H397' EPFDEDQYTC	282	102
>PTEN-H397' EPFDEDQHQ	13914	>PTEN-H397' EPFDEDQY	98	13816
>PTEN-H397' EPFDEDQHTC	327	>PTEN-H397' EPFDEDQYTC	151	176
>PTEN-H397' EPFDEDQHQ	24575	>PTEN-H397' EPFDEDQY	347	24228
>PTEN-H397' EPFDEDQHQ	9935	>PTEN-H397' EPFDEDQY	186	9749
>PTEN-H61L- HKNHYKIY	7	>PTEN-H61L- LKNHYKIY	5	2
>PTEN-H61L- HKNHYKIYNL	68	>PTEN-H61L- LKNHYKIYNL	40	28
>PTEN-H61L- KHKNHYKIYN	23583	>PTEN-H61L- KLKNHYKIYN	313	23270
>PTEN-H61L- KHKNHYKI	27486	>PTEN-H61L- KLKNHYKI	293	27193
>PTEN-H61L- KHKNHYKIYN	16669	>PTEN-H61L- KLKNHYKIYN	38	16631
>PTEN-H61L- KHKNHYKI	16871	>PTEN-H61L- KLKNHYKI	33	16838
>PTEN-H61L- KHKNHYKIYN	15329	>PTEN-H61L- KLKNHYKIYN	14	15315
>PTEN-H61L- KHKNHYKI	25940	>PTEN-H61L- KLKNHYKI	168	25772
>PTEN-H61L- KHKNHYKIYN	26642	>PTEN-H61L- KLKNHYKIYN	246	26396
>PTEN-H61L- KHKNHYKI	23446	>PTEN-H61L- KLKNHYKI	172	23274
>PTEN-H61L- KHKNHYKIYN	22190	>PTEN-H61L- KLKNHYKIYN	83	22107
>PTEN-H61L- KHKNHYKI	34798	>PTEN-H61L- KLKNHYKI	160	34638
>PTEN-H61L- KHKNHYKIYN	31484	>PTEN-H61L- KLKNHYKIYN	51	31433
>PTEN-H61L- KHKNHYKIY	20055	>PTEN-H61L- KLKNHYKIY	462	19593
>PTEN-H61L- KHKNHYKI	1305	>PTEN-H61L- KLKNHYKI	33	1272
>PTEN-H61L- KHKNHYKIY	3473	>PTEN-H61L- KLKNHYKIY	125	3348
>PTEN-H61L- KHKNHYKIYN	4087	>PTEN-H61L- KLKNHYKIYN	276	3811
>PTEN-H61L- KHKNHYKIYN	2568	>PTEN-H61L- KLKNHYKIYN	75	2493
>PTEN-H61L- KHKNHYKIYN	7392	>PTEN-H61L- KLKNHYKIYN	316	7076
>PTEN-H61L- KHKNHYKI	4713	>PTEN-H61L- KLKNHYKI	97	4616
>PTEN-H61L- KHKNHYKIYN	10546	>PTEN-H61L- KLKNHYKIYN	364	10182
>PTEN-H61L- KHKNHYKI	8042	>PTEN-H61L- KLKNHYKI	289	7753
>PTEN-H61L- KHKNHYKIYN	2459	>PTEN-H61L- KLKNHYKIYN	44	2415
>PTEN-H61L- KHKNHYKIY	12291	>PTEN-H61L- KLKNHYKIY	129	12162
>PTEN-H61L- KHKNHYKIY	8601	>PTEN-H61L- KLKNHYKIY	457	8144
>PTEN-H61L- KHKNHYKIY	10	>PTEN-H61L- KLKNHYKIY	14	4
>PTEN-H61L- KHKNHYKIYN	206	>PTEN-H61L- KLKNHYKIYN	336	130
>PTEN-H61L- SKHKNHYK	78	>PTEN-H61L- SKLKNHYK	1050	972
>PTEN-H61L- SKHKNHYKI	129	>PTEN-H61L- SKLKNHYKI	103	26
>PTEN-H61L- SKHKNHYKIY	6	>PTEN-H61L- SKLKNHYKIY	5	1
>PTEN-H61L- DSKHKNHY	383	>PTEN-H61L- DSKLKNHY	864	481
>PTEN-H61L- DSKHKNHYK	121	>PTEN-H61L- DSKLKNHYK	243	122
>PTEN-H61L- DSKHKNHY	289	>PTEN-H61L- DSKLKNHY	648	359

>PTEN-H61L- DSKHKNHYK	342	>PTEN-H61L- DSKLKNHYK	511	169
>PTEN-H61L- DSKHKNHYK	155	>PTEN-H61L- DSKLKNHYK	123	32
>PTEN-H61L- DSKHKNHYK	77	>PTEN-H61L- DSKLKNHYK	108	31
>PTEN-H61L- LDSKHKNHYK	229	>PTEN-H61L- LDSKLKNHYK	255	26
>PTEN-H61L- FLDSKHKNHY	86	>PTEN-H61L- FLDSKLKNHY	114	28
>PTEN-H61L- FLDSKHKNHY	273	>PTEN-H61L- FLDSKLKNHY	244	29
>PTEN-H61L- FLDSKHKNHY	226	>PTEN-H61L- FLDSKLKNHY	182	44
>PTEN-H61L- FLDSKHKNHY	512	>PTEN-H61L- FLDSKLKNHY	460	52
>PTEN-H61L- FLDSKHKNHY	676	>PTEN-H61L- FLDSKLKNHY	339	337
>PTEN-H61L- RFLDSKHKNH	91	>PTEN-H61L- RFLDSKLKNH	75	16
>PTEN-H61L- RFLDSKHK	19	>PTEN-H61L- RFLDSKLN	19	0
>PTEN-H61L- RFLDSKHKNH	227	>PTEN-H61L- RFLDSKLKNH	410	183
>PTEN-H61L- RFLDSKHK	73	>PTEN-H61L- RFLDSKLN	128	55
>PTEN-H61L- RFLDSKHKNH	697	>PTEN-H61L- RFLDSKLKNH	172	525
>PTEN-H61L- RFLDSKHK	66	>PTEN-H61L- RFLDSKLN	87	21
>PTEN-H61L- VRFLDSKH	1832	>PTEN-H61L- VRFLDSL	364	1468
>PTEN-H61L- VRFLDSKH	482	>PTEN-H61L- VRFLDSL	162	320
>PTEN-H61L- VRFLDSKHK	137	>PTEN-H61L- VRFLDSL	107	30
>PTEN-H61L- VVRFLDSKHK	408	>PTEN-H61L- VVRFLDSL	302	106
>PTEN-H61L- VVRFLDSKHK	560	>PTEN-H61L- VVRFLDSL	408	152
>PTEN-H61L- VVRFLDSKHK	13	>PTEN-H61L- VVRFLDSL	13	0
>PTEN-H61L- VVRFLDSKH	6172	>PTEN-H61L- VVRFLDSL	404	5768
>PTEN-H61L- VVRFLDSKH	57	>PTEN-H61L- VVRFLDSL	28	29
>PTEN-H61L- DVVRFLDSKH	129	>PTEN-H61L- DVVRFLDSL	35	94
>PTEN-H61L- DVVRFLDSKH	102	>PTEN-H61L- DVVRFLDSL	45	57
>PTEN-H61P- HKNHYKIY	7	>PTEN-H61P- PKNHYKIY	44	37
>PTEN-H61P- HKNHYKIYNL	68	>PTEN-H61P- PKNHYKIYNL	727	659
>PTEN-H61P- KHKNHYKIYN	23470	>PTEN-H61P- KPKNHYKIYN	166	23304
>PTEN-H61P- KHKNHYKI	8042	>PTEN-H61P- KPKNHYKI	297	7745
>PTEN-H61P- KHKNHYKIYN	2459	>PTEN-H61P- KPKNHYKIYN	47	2412
>PTEN-H61P- KHKNHYKIY	10	>PTEN-H61P- KPKNHYKIY	90	80
>PTEN-H61P- KHKNHYKIYN	206	>PTEN-H61P- KPKNHYKIYN	2067	1861
>PTEN-H61P- KHKNHYKIY	19887	>PTEN-H61P- KPKNHYKIY	214	19673
>PTEN-H61P- SKHKNHYK	78	>PTEN-H61P- SKPKNHYK	8415	8337
>PTEN-H61P- SKHKNHYKI	129	>PTEN-H61P- SKPKNHYKI	1691	1562
>PTEN-H61P- SKHKNHYKIY	6	>PTEN-H61P- SKPKNHYKIY	34	28
>PTEN-H61P- DSKHKNHY	383	>PTEN-H61P- DSKPKNHY	589	206
>PTEN-H61P- DSKHKNHYK	121	>PTEN-H61P- DSKPKNHYK	104	17
>PTEN-H61P- DSKHKNHY	289	>PTEN-H61P- DSKPKNHY	316	27
>PTEN-H61P- DSKHKNHYK	342	>PTEN-H61P- DSKPKNHYK	177	165
>PTEN-H61P- DSKHKNHYK	155	>PTEN-H61P- DSKPKNHYK	194	39
>PTEN-H61P- DSKHKNHYK	77	>PTEN-H61P- DSKPKNHYK	112	35
>PTEN-H61P- DSKHKNHYKI	1306	>PTEN-H61P- DSKPKNHYKI	333	973

>PTEN-H61P·LDSKHKNHYK	229	>PTEN-H61P·LDSKPKNHYK	442	213
>PTEN-H61P·FLDSKHKNHY	86	>PTEN-H61P·FLDSKPKNHY	132	46
>PTEN-H61P·FLDSKHKNHY	273	>PTEN-H61P·FLDSKPKNHY	176	97
>PTEN-H61P·FLDSKHKNHY	226	>PTEN-H61P·FLDSKPKNHY	186	40
>PTEN-H61P·FLDSKHKNHY	512	>PTEN-H61P·FLDSKPKNHY	496	16
>PTEN-H61P·FLDSKHKNHY	510	>PTEN-H61P·FLDSKPKNHY	447	63
>PTEN-H61P·RFLDSKHKNH	91	>PTEN-H61P·RFLDSKPKNH	142	51
>PTEN-H61P·RFLDSKHK	19	>PTEN-H61P·RFLDSKPK	11	8
>PTEN-H61P·RFLDSKHKNH	227	>PTEN-H61P·RFLDSKPKNH	283	56
>PTEN-H61P·RFLDSKHK	73	>PTEN-H61P·RFLDSKPK	79	6
>PTEN-H61P·RFLDSKHK	66	>PTEN-H61P·RFLDSKPK	68	2
>PTEN-H61P·VRFLDSKH	482	>PTEN-H61P·VRFLDSKP	3301	2819
>PTEN-H61P·VRFLDSKHK	137	>PTEN-H61P·VRFLDSKPK	81	56
>PTEN-H61P·VRFLDSKHKN	672	>PTEN-H61P·VRFLDSKPKN	306	366
>PTEN-H61P·VVRFLDSKHK	408	>PTEN-H61P·VVRFLDSKPK	295	113
>PTEN-H61P·VVRFLDSKHK	560	>PTEN-H61P·VVRFLDSKPK	489	71
>PTEN-H61P·VVRFLDSKHK	13	>PTEN-H61P·VVRFLDSKPK	9	4
>PTEN-H61P·VVRFLDSKH	57	>PTEN-H61P·VVRFLDSKP	2251	2194
>PTEN-H61P·DVVRFLDSKH	129	>PTEN-H61P·DVVRFLDSKP	5202	5073
>PTEN-H61P·DVVRFLDSKH	102	>PTEN-H61P·DVVRFLDSKP	102	0
>PTEN-H61R·HKNHYKIY	7	>PTEN-H61R·RKNHYKIY	3	4
>PTEN-H61R·HKNHYKIYNL	68	>PTEN-H61R·RKNHYKIYNL	18	50
>PTEN-H61R·HKNHYKIYNL	983	>PTEN-H61R·RKNHYKIYNL	346	637
>PTEN-H61R·KHKNHYKIYN	2459	>PTEN-H61R·KRKNHYKIYN	457	2002
>PTEN-H61R·KHKNHYKI	742	>PTEN-H61R·KRKNHYKI	384	358
>PTEN-H61R·KHKNHYKIY	10	>PTEN-H61R·KRKNHYKIY	13	3
>PTEN-H61R·KHKNHYKIYN	206	>PTEN-H61R·KRKNHYKIYN	150	56
>PTEN-H61R·KHKNHYKI	17301	>PTEN-H61R·KRKNHYKI	172	17129
>PTEN-H61R·KHKNHYKIYN	15327	>PTEN-H61R·KRKNHYKIYN	111	15216
>PTEN-H61R·KHKNHYKIY	9557	>PTEN-H61R·KRKNHYKIY	472	9085
>PTEN-H61R·KHKNHYKIYN	20389	>PTEN-H61R·KRKNHYKIYN	350	20039
>PTEN-H61R·KHKNHYKIYN	4139	>PTEN-H61R·KRKNHYKIYN	84	4055
>PTEN-H61R·KHKNHYKIYN	8499	>PTEN-H61R·KRKNHYKIYN	65	8434
>PTEN-H61R·SKHKNHYK	78	>PTEN-H61R·SKRKNHYK	12	66
>PTEN-H61R·SKHKNHYKI	129	>PTEN-H61R·SKRKNHYKI	78	51
>PTEN-H61R·SKHKNHYKIY	6	>PTEN-H61R·SKRKNHYKIY	4	2
>PTEN-H61R·DSKHKNHY	383	>PTEN-H61R·DSKRKNHY	377	6
>PTEN-H61R·DSKHKNHYK	121	>PTEN-H61R·DSKRKNHYK	70	51
>PTEN-H61R·DSKHKNHY	289	>PTEN-H61R·DSKRKNHY	591	302
>PTEN-H61R·DSKHKNHYK	342	>PTEN-H61R·DSKRKNHYK	216	126
>PTEN-H61R·DSKHKNHYK	155	>PTEN-H61R·DSKRKNHYK	199	44
>PTEN-H61R·DSKHKNHYK	77	>PTEN-H61R·DSKRKNHYK	87	10
>PTEN-H61R·LDSKHKNHYK	229	>PTEN-H61R·LDSKRKNHYK	264	35



>PTEN-H61R·FLDSKHKNHY	86	>PTEN-H61R·FLDSKRKNHY	99	13
>PTEN-H61R·FLDSKHKNHY	273	>PTEN-H61R·FLDSKRKNHY	657	384
>PTEN-H61R·FLDSKHKNHY	226	>PTEN-H61R·FLDSKRKNHY	216	10
>PTEN-H61R·RFLDSKHKNH	91	>PTEN-H61R·RFLDSKRKNH	267	176
>PTEN-H61R·RFLDSKHK	19	>PTEN-H61R·RFLDSKRK	44	25
>PTEN-H61R·RFLDSKHKNH	227	>PTEN-H61R·RFLDSKRKNH	548	321
>PTEN-H61R·RFLDSKHK	73	>PTEN-H61R·RFLDSKRK	205	132
>PTEN-H61R·RFLDSKHKNH	893	>PTEN-H61R·RFLDSKRKNH	435	458
>PTEN-H61R·RFLDSKHK	66	>PTEN-H61R·RFLDSKRK	203	137
>PTEN-H61R·VRFLDSKH	482	>PTEN-H61R·VRFLDSKR	168	314
>PTEN-H61R·VRFLDSKHK	137	>PTEN-H61R·VRFLDSKRK	166	29
>PTEN-H61R·VVRFLDSKHK	408	>PTEN-H61R·VVRFLDSKRK	656	248
>PTEN-H61R·VVRFLDSKHK	13	>PTEN-H61R·VVRFLDSKRK	25	12
>PTEN-H61R·VVRFLDSKH	11157	>PTEN-H61R·VVRFLDSKR	79	11078
>PTEN-H61R·VVRFLDSKH	26325	>PTEN-H61R·VVRFLDSKR	187	26138
>PTEN-H61R·VVRFLDSKH	21456	>PTEN-H61R·VVRFLDSKR	310	21146
>PTEN-H61R·VVRFLDSKH	57	>PTEN-H61R·VVRFLDSKR	818	761
>PTEN-H61R·DVVRFLDSKH	129	>PTEN-H61R·DVVRFLDSKR	1513	1384
>PTEN-H61R·DVVRFLDSKH	5628	>PTEN-H61R·DVVRFLDSKR	107	5521
>PTEN-H61R·DVVRFLDSKH	6389	>PTEN-H61R·DVVRFLDSKR	23	6366
>PTEN-H61R·DVVRFLDSKH	102	>PTEN-H61R·DVVRFLDSKR	99	3
>PTEN-H75N·HYDTAKFNCF	204	>PTEN-H75N·NYDTAKFNCF	370	166
>PTEN-H75N·HYDTAKFNCF	793	>PTEN-H75N·NYDTAKFNCF	363	430
>PTEN-H75N·HYDTAKFNCF	29	>PTEN-H75N·NYDTAKFNCF	112	83
>PTEN-H75N·RHYDTAKF	418	>PTEN-H75N·RNYDTAKF	2302	1884
>PTEN-H75N·RHYDTAKFNC	374	>PTEN-H75N·RNYDTAKFNC	126	248
>PTEN-H75N·RHYDTAKF	742	>PTEN-H75N·RNYDTAKF	453	289
>PTEN-H75N·RHYDTAKF	7	>PTEN-H75N·RNYDTAKF	27	20
>PTEN-H75N·RHYDTAKF	384	>PTEN-H75N·RNYDTAKF	35	349
>PTEN-H75N·RHYDTAKF	71	>PTEN-H75N·RNYDTAKF	7986	7915
>PTEN-H75N·RHYDTAKFNCF	71	>PTEN-H75N·RNYDTAKFNCF	75	4
>PTEN-H75N·YKIYNLCAERH	301	>PTEN-H75N·YKIYNLCAERH	3453	3152
>PTEN-H75N·ERHYDTAKF	202	>PTEN-H75N·ERNYDTAKF	294	92
>PTEN-H75N·AERHYDTAKF	33	>PTEN-H75N·AERNYDTAKF	37	4
>PTEN-H75N·AERHYDTA	84	>PTEN-H75N·AERNYDTA	61	23
>PTEN-H75N·AERHYDTAK	542	>PTEN-H75N·AERNYDTAK	355	187
>PTEN-H75N·AERHYDTAKF	83	>PTEN-H75N·AERNYDTAKF	92	9
>PTEN-H75N·AERHYDTAKF	256	>PTEN-H75N·AERNYDTAKF	395	139
>PTEN-H75N·AERHYDTA	12	>PTEN-H75N·AERNYDTA	9	3
>PTEN-H75N·AERHYDTAKF	258	>PTEN-H75N·AERNYDTAKF	161	97
>PTEN-H75N·NLCAERHYDT	387	>PTEN-H75N·NLCAERNYDT	719	332
>PTEN-H75N·NLCAERHY	310	>PTEN-H75N·NLCAERNY	609	299
>PTEN-H75N·NLCAERHY	346	>PTEN-H75N·NLCAERNY	1810	1464

>PTEN-H75N YNLCAERHY	254	>PTEN-H75N YNLCAERNY	219	35
>PTEN-H75N IYNLCAERHY	43	>PTEN-H75N IYNLCAERNY	40	3
>PTEN-H75N IYNLCAERHY	212	>PTEN-H75N IYNLCAERNY	168	44
>PTEN-H75N KIYNLCAERH'	107	>PTEN-H75N KIYNLCAERN'	93	14
>PTEN-H75N KIYNLCAERH'	233	>PTEN-H75N KIYNLCAERN'	354	121
>PTEN-H75N KIYNLCAERH'	59	>PTEN-H75N KIYNLCAERN'	84	25
>PTEN-H75N KIYNLCAERH'	517	>PTEN-H75N KIYNLCAERN'	183	334
>PTEN-H75N KIYNLCAERH'	233	>PTEN-H75N KIYNLCAERN'	328	95
>PTEN-H75N KIYNLCAERH'	76	>PTEN-H75N KIYNLCAERN'	345	269
>PTEN-H75N KIYNLCAERH'	226	>PTEN-H75N KIYNLCAERN'	197	29
>PTEN-H75N KIYNLCAERH'	132	>PTEN-H75N KIYNLCAERN'	106	26
>PTEN-H75N KIYNLCAERH'	453	>PTEN-H75N KIYNLCAERN'	363	90
>PTEN-H93D HNPPQLELI	217	>PTEN-H93D DNPPQLELI	634	417
>PTEN-H93D DHNPPQLEL	248	>PTEN-H93D DDNPPQLEL	14966	14718
>PTEN-H93D DHNPPQLELI	15625	>PTEN-H93D DDNPPQLELI	127	15498
>PTEN-H93D EDHNPPQLEI	235	>PTEN-H93D EDDNPPQLEI	175	60
>PTEN-H93D FEDHNPPQL	2367	>PTEN-H93D FEDDNPPQL	339	2028
>PTEN-H93D FEDHNPPQL	169	>PTEN-H93D FEDDNPPQL	98	71
>PTEN-H93D FEDHNPPQLE	275	>PTEN-H93D FEDDNPPQLE	180	95
>PTEN-H93D FEDHNPPQL	116	>PTEN-H93D FEDDNPPQL	76	40
>PTEN-H93D FEDHNPPQLE	47	>PTEN-H93D FEDDNPPQLE	37	10
>PTEN-H93D FEDHNPPQL	314	>PTEN-H93D FEDDNPPQL	575	261
>PTEN-H93D FEDHNPPQLE	186	>PTEN-H93D FEDDNPPQLE	278	92
>PTEN-H93D FEDHNPPQL	128	>PTEN-H93D FEDDNPPQL	107	21
>PTEN-H93D YPFEDHNPPC	43	>PTEN-H93D YPFEDDNPPC	47	4
>PTEN-H93D YPFEDHNPPC	145	>PTEN-H93D YPFEDDNPPC	369	224
>PTEN-H93D YPFEDHNPPC	145	>PTEN-H93D YPFEDDNPPC	449	304
>PTEN-H93D YPFEDHNPP	145	>PTEN-H93D YPFEDDNPP	37	108
>PTEN-H93D YPFEDHNPPC	43	>PTEN-H93D YPFEDDNPPC	32	11
>PTEN-H93D YPFEDHNPPC	22	>PTEN-H93D YPFEDDNPPC	35	13
>PTEN-H93D YPFEDHNPPC	530	>PTEN-H93D YPFEDDNPPC	235	295
>PTEN-H93D YPFEDHNPP	291	>PTEN-H93D YPFEDDNPP	426	135
>PTEN-H93D YPFEDHNPPC	638	>PTEN-H93D YPFEDDNPPC	376	262
>PTEN-H93D AQYPFEDH	105	>PTEN-H93D AQYPFEDD	4425	4320
>PTEN-H93D AQYPFEDHNI	263	>PTEN-H93D AQYPFEDDNI	638	375
>PTEN-H93Q HNPPQLELI	217	>PTEN-H93Q QNPPQLELI	309	92
>PTEN-H93Q DHNPPQLEL	248	>PTEN-H93Q DQNPPQLEL	7061	6813
>PTEN-H93Q EDHNPPQLEI	235	>PTEN-H93Q EDQNPPQLEI	194	41
>PTEN-H93Q FEDHNPPQL	169	>PTEN-H93Q FEDQNPPQL	84	85
>PTEN-H93Q FEDHNPPQLE	275	>PTEN-H93Q FEDQNPPQLE	163	112
>PTEN-H93Q FEDHNPPQL	116	>PTEN-H93Q FEDQNPPQL	153	37
>PTEN-H93Q FEDHNPPQLE	47	>PTEN-H93Q FEDQNPPQLE	56	9
>PTEN-H93Q FEDHNPPQL	314	>PTEN-H93Q FEDQNPPQL	274	40

>PTEN-H93Q FEDHNPPQLE	186	>PTEN-H93Q FEDQNPPQLE	166	20
>PTEN-H93Q FEDHNPPQL	128	>PTEN-H93Q FEDQNPPQL	69	59
>PTEN-H93Q FEDHNPPQLE	802	>PTEN-H93Q FEDQNPPQLE	446	356
>PTEN-H93Q YPFEDHNPPC	43	>PTEN-H93Q YPFEDQNPPC	30	13
>PTEN-H93Q YPFEDHNPPC	145	>PTEN-H93Q YPFEDQNPPC	196	51
>PTEN-H93Q YPFEDHNPPC	145	>PTEN-H93Q YPFEDQNPPC	291	146
>PTEN-H93Q YPFEDHNPP	145	>PTEN-H93Q YPFEDQNPP	177	32
>PTEN-H93Q YPFEDHNPPC	670	>PTEN-H93Q YPFEDQNPPC	318	352
>PTEN-H93Q YPFEDHNPPC	43	>PTEN-H93Q YPFEDQNPPC	43	0
>PTEN-H93Q YPFEDHNPPC	22	>PTEN-H93Q YPFEDQNPPC	23	1
>PTEN-H93Q YPFEDHNPPC	530	>PTEN-H93Q YPFEDQNPPC	346	184
>PTEN-H93Q YPFEDHNPP	291	>PTEN-H93Q YPFEDQNPP	291	0
>PTEN-H93Q AQYPFEDH	105	>PTEN-H93Q AQYPFEDQ	600	495
>PTEN-H93Q AQYPFEDHNI	263	>PTEN-H93Q AQYPFEDQNI	371	108
>PTEN-H93R·HNPPQLELI	217	>PTEN-H93R·RNPPQLELI	1279	1062
>PTEN-H93R·HNPPQLELI	2278	>PTEN-H93R·RNPPQLELI	375	1903
>PTEN-H93R·HNPPQLELI	680	>PTEN-H93R·RNPPQLELI	87	593
>PTEN-H93R·DHNPPQLEL	248	>PTEN-H93R·DRNPPQLEL	5392	5144
>PTEN-H93R·EDHNPPQLEL	235	>PTEN-H93R·EDRNPPQLEL	241	6
>PTEN-H93R·FEDHNPPQL	169	>PTEN-H93R·FEDRNPPQL	364	195
>PTEN-H93R·FEDHNPPQLE	275	>PTEN-H93R·FEDRNPPQLE	512	237
>PTEN-H93R·FEDHNPPQL	116	>PTEN-H93R·FEDRNPPQL	176	60
>PTEN-H93R·FEDHNPPQLE	47	>PTEN-H93R·FEDRNPPQLE	73	26
>PTEN-H93R·FEDHNPPQL	314	>PTEN-H93R·FEDRNPPQL	548	234
>PTEN-H93R·FEDHNPPQLE	186	>PTEN-H93R·FEDRNPPQLE	285	99
>PTEN-H93R·FEDHNPPQL	128	>PTEN-H93R·FEDRNPPQL	144	16
>PTEN-H93R·YPFEDHNPPC	43	>PTEN-H93R·YPFEDRNPPC	29	14
>PTEN-H93R·YPFEDHNPPC	145	>PTEN-H93R·YPFEDRNPPC	242	97
>PTEN-H93R·YPFEDHNPPC	145	>PTEN-H93R·YPFEDRNPPC	100	45
>PTEN-H93R·YPFEDHNPP	145	>PTEN-H93R·YPFEDRNPP	287	142
>PTEN-H93R·YPFEDHNPPC	43	>PTEN-H93R·YPFEDRNPPC	59	16
>PTEN-H93R·YPFEDHNPPC	22	>PTEN-H93R·YPFEDRNPPC	25	3
>PTEN-H93R·YPFEDHNPP	291	>PTEN-H93R·YPFEDRNPP	226	65
>PTEN-H93R·AQYPFEDH	12541	>PTEN-H93R·AQYPFEDR	119	12422
>PTEN-H93R·AQYPFEDH	105	>PTEN-H93R·AQYPFEDR	145	40
>PTEN-H93R·AQYPFEDHNI	263	>PTEN-H93R·AQYPFEDRNI	368	105
>PTEN-H93R·AQYPFEDH	3045	>PTEN-H93R·AQYPFEDR	418	2627
>PTEN-H93R·RVAQYPFEDF	16115	>PTEN-H93R·RVAQYPFEDF	262	15853
>PTEN-H93R·RVAQYPFEDF	18445	>PTEN-H93R·RVAQYPFEDF	109	18336
>PTEN-H93R·RVAQYPFEDF	19523	>PTEN-H93R·RVAQYPFEDF	157	19366
>PTEN-H93Y·HNPPQLELI	217	>PTEN-H93Y·YNPPQLELI	153	64
>PTEN-H93Y·HNPPQLELI	2278	>PTEN-H93Y·YNPPQLELI	70	2208
>PTEN-H93Y·DHNPPQLEL	23210	>PTEN-H93Y·DYNPPQLEL	342	22868

>PTEN-H93Y-DHNPPQLEL	248	>PTEN-H93Y-DYNPPQLEL	7042	6794
>PTEN-H93Y-CRVAQYPFEC	3712	>PTEN-H93Y-CRVAQYPFEC	234	3478
>PTEN-H93Y-EDHNPPQLEL	1216	>PTEN-H93Y-EDYNPPQLEL	211	1005
>PTEN-H93Y-EDHNPPQLEL	235	>PTEN-H93Y-EDYNPPQLEL	105	130
>PTEN-H93Y-FEDHNPPQL	169	>PTEN-H93Y-FEDYNPPQL	229	60
>PTEN-H93Y-FEDHNPPQLE	275	>PTEN-H93Y-FEDYNPPQLE	354	79
>PTEN-H93Y-FEDHNPPQL	116	>PTEN-H93Y-FEDYNPPQL	57	59
>PTEN-H93Y-FEDHNPPQLE	47	>PTEN-H93Y-FEDYNPPQLE	29	18
>PTEN-H93Y-FEDHNPPQL	314	>PTEN-H93Y-FEDYNPPQL	496	182
>PTEN-H93Y-FEDHNPPQLE	186	>PTEN-H93Y-FEDYNPPQLE	280	94
>PTEN-H93Y-FEDHNPPQL	128	>PTEN-H93Y-FEDYNPPQL	80	48
>PTEN-H93Y-YPFEDHNPPC	43	>PTEN-H93Y-YPFEDYNPPC	35	8
>PTEN-H93Y-YPFEDHNPPC	145	>PTEN-H93Y-YPFEDYNPPC	123	22
>PTEN-H93Y-YPFEDHNPPC	145	>PTEN-H93Y-YPFEDYNPPC	325	180
>PTEN-H93Y-YPFEDHNPP	145	>PTEN-H93Y-YPFEDYNPP	149	4
>PTEN-H93Y-YPFEDHNPPC	670	>PTEN-H93Y-YPFEDYNPPC	395	275
>PTEN-H93Y-YPFEDHNPPC	43	>PTEN-H93Y-YPFEDYNPPC	44	1
>PTEN-H93Y-YPFEDHNPPC	22	>PTEN-H93Y-YPFEDYNPPC	23	1
>PTEN-H93Y-YPFEDHNPPC	711	>PTEN-H93Y-YPFEDYNPPC	436	275
>PTEN-H93Y-YPFEDHNPPC	530	>PTEN-H93Y-YPFEDYNPPC	280	250
>PTEN-H93Y-YPFEDHNPP	291	>PTEN-H93Y-YPFEDYNPP	77	214
>PTEN-H93Y-YPFEDHNPPC	638	>PTEN-H93Y-YPFEDYNPPC	230	408
>PTEN-H93Y-AQYPFEDH	16219	>PTEN-H93Y-AQYPFEDY	340	15879
>PTEN-H93Y-AQYPFEDH	16683	>PTEN-H93Y-AQYPFEDY	242	16441
>PTEN-H93Y-AQYPFEDH	2087	>PTEN-H93Y-AQYPFEDY	55	2032
>PTEN-H93Y-AQYPFEDH	5001	>PTEN-H93Y-AQYPFEDY	156	4845
>PTEN-H93Y-AQYPFEDH	105	>PTEN-H93Y-AQYPFEDY	4	101
>PTEN-H93Y-AQYPFEDHNI	263	>PTEN-H93Y-AQYPFEDYNF	208	55
>PTEN-H93Y-VAQYPFEDH	17971	>PTEN-H93Y-VAQYPFEDY	333	17638
>PTEN-H93Y-VAQYPFEDH	9693	>PTEN-H93Y-VAQYPFEDY	429	9264
>PTEN-H93Y-RVAQYPFEDH	10662	>PTEN-H93Y-RVAQYPFEDY	155	10507
>PTEN-H93Y-RVAQYPFEDH	23483	>PTEN-H93Y-RVAQYPFEDY	274	23209
>PTEN-H93Y-RVAQYPFEDH	21566	>PTEN-H93Y-RVAQYPFEDY	238	21328
>PTEN-H93Y-RVAQYPFEDH	7450	>PTEN-H93Y-RVAQYPFEDY	12	7438
>PTEN-H93Y-RVAQYPFEDH	8848	>PTEN-H93Y-RVAQYPFEDY	174	8674
>PTEN-H93Y-RVAQYPFEDH	15135	>PTEN-H93Y-RVAQYPFEDY	302	14833
>PTEN-I101M IKPFCELDLQ'	840	>PTEN-I101M MKPFCELDLQ'	45	795
>PTEN-I101M LIKPFCEDL	1522	>PTEN-I101M LMKPFCEDL	128	1394
>PTEN-I101M LIKPFCEDL	1904	>PTEN-I101M LMKPFCEDL	146	1758
>PTEN-I101M LIKPFCEDL	541	>PTEN-I101M LMKPFCEDL	18	523
>PTEN-I101M LIKPFCEDL	4774	>PTEN-I101M LMKPFCEDL	416	4358
>PTEN-I101M LIKPFCEDL	2688	>PTEN-I101M LMKPFCEDL	160	2528
>PTEN-I101M EDHNPPQLEL	235	>PTEN-I101M EDHNPPQLEL	5905	5670

>PTEN-I101M ELIKPFCEDL	1522	>PTEN-I101M ELMKPFCE	398	1124
>PTEN-I101M ELIKPFCEDL	1225	>PTEN-I101M ELMKPFCE	397	828
>PTEN-I101M ELIKPFCEDL	6485	>PTEN-I101M ELMKPFCE	142	6343
>PTEN-I101M ELIKPFCEDL	156	>PTEN-I101M ELMKPFCE	99	57
>PTEN-I101M ELIKPFCEDL	726	>PTEN-I101M ELMKPFCE	224	502
>PTEN-I101M LELIKPFCEDL	166	>PTEN-I101M LELMKPFCE	111	55
>PTEN-I101M LELIKPFCEDL	248	>PTEN-I101M LELMKPFCE	131	117
>PTEN-I101M LELIKPFCEDL	275	>PTEN-I101M LELMKPFCE	193	82
>PTEN-I101M LELIKPFCEDL	78	>PTEN-I101M LELMKPFCE	103	25
>PTEN-I101M PQLELIKPF	16	>PTEN-I101M PQLELMKPF	20	4
>PTEN-I101M NPPQLELIKPF	483	>PTEN-I101M NPPQLELMKI	705	222
>PTEN-I101M NPPQLELIKPF	69	>PTEN-I101M NPPQLELMKI	76	7
>PTEN-I101M HNPPQLELI	217	>PTEN-I101M HNPPQLELM	9538	9321
>PTEN-I101N EDHNPPQLEI	235	>PTEN-I101N EDHNPPQLEI	25539	25304
>PTEN-I101N ELIKPFCEDL	156	>PTEN-I101N ELNKPFCE	168	12
>PTEN-I101N LELIKPFCEDL	166	>PTEN-I101N LELNKPFCE	278	112
>PTEN-I101N LELIKPFCEDL	248	>PTEN-I101N LELNKPFCE	153	95
>PTEN-I101N LELIKPFCEDL	275	>PTEN-I101N LELNKPFCE	197	78
>PTEN-I101N LELIKPFCEDL	78	>PTEN-I101N LELNKPFCE	70	8
>PTEN-I101N PQLELIKPF	16	>PTEN-I101N PQLELNKPF	16	0
>PTEN-I101N NPPQLELIKPF	483	>PTEN-I101N NPPQLELNKPF	410	73
>PTEN-I101N NPPQLELIKPF	69	>PTEN-I101N NPPQLELNKPF	74	5
>PTEN-I101N HNPPQLELI	217	>PTEN-I101N HNPPQLELN	35015	34798
>PTEN-I101T LIKPFCE	17035	>PTEN-I101T LTKPFCE	147	16888
>PTEN-I101T LIKPFCE	15456	>PTEN-I101T LTKPFCE	452	15004
>PTEN-I101T LIKPFCE	5867	>PTEN-I101T LTKPFCE	154	5713
>PTEN-I101T LIKPFCE	15344	>PTEN-I101T LTKPFCE	298	15046
>PTEN-I101T EDHNPPQLEI	235	>PTEN-I101T EDHNPPQLEI	12103	11868
>PTEN-I101T ELIKPFCEDL	156	>PTEN-I101T ELTKPFCE	108	48
>PTEN-I101T LELIKPFCEDL	166	>PTEN-I101T LELTKPFCE	143	23
>PTEN-I101T LELIKPFCEDL	248	>PTEN-I101T LELTKPFCE	162	86
>PTEN-I101T LELIKPFCEDL	275	>PTEN-I101T LELTKPFCE	743	468
>PTEN-I101T LELIKPFCEDL	78	>PTEN-I101T LELTKPFCE	39	39
>PTEN-I101T PQLELIKPF	16	>PTEN-I101T PQLELTKPF	13	3
>PTEN-I101T NPPQLELIKPF	483	>PTEN-I101T NPPQLELTKP	451	32
>PTEN-I101T NPPQLELIKPF	69	>PTEN-I101T NPPQLELTKP	31	38
>PTEN-I101T HNPPQLELI	217	>PTEN-I101T HNPPQLELT	26793	26576
>PTEN-I122S AIHCKAGK	243	>PTEN-I122S ASHCKAGK	676	433
>PTEN-I122S AIHCKAGK	221	>PTEN-I122S ASHCKAGK	163	58
>PTEN-I122S AIHCKAGK	29	>PTEN-I122S ASHCKAGK	14	15
>PTEN-I122S AIHCKAGKGF	407	>PTEN-I122S ASHCKAGKI	445	38
>PTEN-I122S LSEDDNHVA/	70	>PTEN-I122S LSEDDNHVA/	27687	27617
>PTEN-I122S AAIHCKAGK	252	>PTEN-I122S AASHCKAGK	323	71

>PTEN-I122S AAIHCKAGKC	447	>PTEN-I122S AASHCKAGKC	665	218
>PTEN-I122S VAAIHCKAGK	459	>PTEN-I122S VAASHCKAGI	399	60
>PTEN-I122S HVAAIHCKA	289	>PTEN-I122S HVAASHCKA	2684	2395
>PTEN-I122S HVAAIHCK	130	>PTEN-I122S HVAASHCK	100	30
>PTEN-I122S HVAAIHCKAC	90	>PTEN-I122S HVAASHCKAC	72	18
>PTEN-I122S HVAAIHCK	50	>PTEN-I122S HVAASHCK	49	1
>PTEN-I122S HVAAIHCKAC	114	>PTEN-I122S HVAASHCKAC	99	15
>PTEN-I122S HVAAIHCK	74	>PTEN-I122S HVAASHCK	35	39
>PTEN-I122S HVAAIHCKA	304	>PTEN-I122S HVAASHCKA	110	194
>PTEN-I122S HVAAIHCKAC	64	>PTEN-I122S HVAASHCKAC	42	22
>PTEN-I122S HVAAIHCK	223	>PTEN-I122S HVAASHCK	514	291
>PTEN-I122S HVAAIHCKAC	185	>PTEN-I122S HVAASHCKAC	349	164
>PTEN-I122S HVAAIHCK	5	>PTEN-I122S HVAASHCK	8	3
>PTEN-I122S HVAAIHCKAC	7	>PTEN-I122S HVAASHCKAC	12	5
>PTEN-I122S HVAAIHCKA	12	>PTEN-I122S HVAASHCKA	62	50
>PTEN-I122S HVAAIHCKA	480	>PTEN-I122S HVAASHCKA	808	328
>PTEN-I122S DDNHVAAI	343	>PTEN-I122S DDNHVAAS	22844	22501
>PTEN-I122S EDDNHVAAI	195	>PTEN-I122S EDDNHVAAS	20502	20307
>PTEN-I122S SEDDNHVAA	347	>PTEN-I122S SEDDNHVAA	26676	26329
>PTEN-I122S SEDDNHVAA	435	>PTEN-I122S SEDDNHVAA	3426	2991
>PTEN-I122S SEDDNHVAA	117	>PTEN-I122S SEDDNHVAA	2839	2722
>PTEN-I122S SEDDNHVAA	315	>PTEN-I122S SEDDNHVAA	498	183
>PTEN-I122S SEDDNHVAA	65	>PTEN-I122S SEDDNHVAA	24999	24934
>PTEN-I135K ICAYLLHRGK	913	>PTEN-I135K KCAYLLHRGK	446	467
>PTEN-I135K ICAYLLHR	569	>PTEN-I135K KCAYLLHR	74	495
>PTEN-I135K ICAYLLHRGKI	187	>PTEN-I135K KCAYLLHRGK	260	73
>PTEN-I135K ICAYLLHR	107	>PTEN-I135K KCAYLLHR	27	80
>PTEN-I135K MICAYLLHR	315	>PTEN-I135K MKCAYLLHR	18877	18562
>PTEN-I135K MICAYLLHRG	162	>PTEN-I135K MKCAYLLHRG	14823	14661
>PTEN-I135K MICAYLLH	299	>PTEN-I135K MKCAYLLH	18634	18335
>PTEN-I135K MICAYLLHR	89	>PTEN-I135K MKCAYLLHR	14796	14707
>PTEN-I135K MICAYLLHRG	49	>PTEN-I135K MKCAYLLHRG	7594	7545
>PTEN-I135K MICAYLLHRG	77	>PTEN-I135K MKCAYLLHRG	2969	2892
>PTEN-I135K MICAYLLHR	11	>PTEN-I135K MKCAYLLHR	538	527
>PTEN-I135K MICAYLLHRG	473	>PTEN-I135K MKCAYLLHRG	10674	10201
>PTEN-I135K MICAYLLHR	45	>PTEN-I135K MKCAYLLHR	2359	2314
>PTEN-I135K MICAYLLHR	28	>PTEN-I135K MKCAYLLHR	647	619
>PTEN-I135K MICAYLLHRG	124	>PTEN-I135K MKCAYLLHRG	4367	4243
>PTEN-I135K MICAYLLHR	28	>PTEN-I135K MKCAYLLHR	124	96
>PTEN-I135K KAGKGRTGVI	21601	>PTEN-I135K KAGKGRTGVI	368	21233
>PTEN-I135K KAGKGRTGVI	25831	>PTEN-I135K KAGKGRTGVI	496	25335
>PTEN-I135K KAGKGRTGVI	3035	>PTEN-I135K KAGKGRTGVI	159	2876
>PTEN-I135K KAGKGRTGVI	135	>PTEN-I135K KAGKGRTGVI	39498	39363

>PTEN-I135K VMICAYLL	248	>PTEN-I135K VMKAYLL	3930	3682
>PTEN-I135K VMICAYLL	15	>PTEN-I135K VMKAYLL	346	331
>PTEN-I135K VMICAYLL	9	>PTEN-I135K VMKAYLL	33	24
>PTEN-I135K VMICAYLL	27	>PTEN-I135K VMKAYLL	38	11
>PTEN-I135K VMICAYLL	39	>PTEN-I135K VMKAYLL	1440	1401
>PTEN-I135K VMICAYLL	10	>PTEN-I135K VMKAYLL	198	188
>PTEN-I135K VMICAYLL	6	>PTEN-I135K VMKAYLL	59	53
>PTEN-I135K VMICAYLL	58	>PTEN-I135K VMKAYLL	2291	2233
>PTEN-I135K VMICAYLL	136	>PTEN-I135K VMKAYLL	2154	2018
>PTEN-I135K VMICAYLL	16	>PTEN-I135K VMKAYLL	57	41
>PTEN-I135K VMICAYLLHR	166	>PTEN-I135K VMKAYLLHF	371	205
>PTEN-I135K VMICAYLLHR	52	>PTEN-I135K VMKAYLLHF	293	241
>PTEN-I135K VMICAYLL	100	>PTEN-I135K VMKAYLL	729	629
>PTEN-I135K VMICAYLLH	46	>PTEN-I135K VMKAYLLH	594	548
>PTEN-I135K VMICAYLLHR	44	>PTEN-I135K VMKAYLLHF	32	12
>PTEN-I135K VMICAYLLHR	237	>PTEN-I135K VMKAYLLHF	327	90
>PTEN-I135K VMICAYLLHR	119	>PTEN-I135K VMKAYLLHF	1191	1072
>PTEN-I135K VMICAYLL	126	>PTEN-I135K VMKAYLL	165	39
>PTEN-I135K VMICAYLLHR	434	>PTEN-I135K VMKAYLLHF	660	226
>PTEN-I135K VMICAYLLHR	70	>PTEN-I135K VMKAYLLHF	85	15
>PTEN-I135K VMICAYLLHR	58	>PTEN-I135K VMKAYLLHF	69	11
>PTEN-I135K GVMICAYL	66	>PTEN-I135K GVMKAYL	58	8
>PTEN-I135K GVMICAYLL	57	>PTEN-I135K GVMKAYLL	34	23
>PTEN-I135K GVMICAYL	20	>PTEN-I135K GVMKAYL	17	3
>PTEN-I135K GVMICAYLL	18	>PTEN-I135K GVMKAYLL	12	6
>PTEN-I135K GVMICAYL	260	>PTEN-I135K GVMKAYL	237	23
>PTEN-I135K GVMICAYL	51	>PTEN-I135K GVMKAYL	57	6
>PTEN-I135K GVMICAYLL	112	>PTEN-I135K GVMKAYLL	109	3
>PTEN-I135K GVMICAYL	346	>PTEN-I135K GVMKAYL	211	135
>PTEN-I135K GVMICAYLL	327	>PTEN-I135K GVMKAYLL	161	166
>PTEN-I135K GVMICAYL	403	>PTEN-I135K GVMKAYL	414	11
>PTEN-I135K GVMICAYLLH	881	>PTEN-I135K GVMKAYLLH	401	480
>PTEN-I135K GVMICAYLLH	52	>PTEN-I135K GVMKAYLLH	41	11
>PTEN-I135K GVMICAYLLH	38	>PTEN-I135K GVMKAYLLH	38	0
>PTEN-I135K GVMICAYLLH	177	>PTEN-I135K GVMKAYLLH	143	34
>PTEN-I135K GVMICAYL	485	>PTEN-I135K GVMKAYL	876	391
>PTEN-I135K GVMICAYLL	222	>PTEN-I135K GVMKAYLL	83	139
>PTEN-I135K GVMICAYLLH	198	>PTEN-I135K GVMKAYLLH	334	136
>PTEN-I135K GVMICAYLLH	132	>PTEN-I135K GVMKAYLLH	98	34
>PTEN-I135K TGVMICAYL	1775	>PTEN-I135K TGVMKAYL	379	1396
>PTEN-I135K TGVMICAYL	267	>PTEN-I135K TGVMKAYL	5010	4743
>PTEN-I135K TGVMICAY	166	>PTEN-I135K TGVMKAY	730	564
>PTEN-I135K RTGVMICAY	243	>PTEN-I135K RTGVMKAY	259	16

>PTEN-I135K RTGVMICAYL	398	>PTEN-I135K RTGVMKCA	458	60
>PTEN-I135K RTGVMICAY	169	>PTEN-I135K RTGVMKCA	796	627
>PTEN-I135K RTGVMICAYL	114	>PTEN-I135K RTGVMKCA	209	95
>PTEN-I135K RTGVMICAYL	74	>PTEN-I135K RTGVMKCA	278	204
>PTEN-I135K RTGVMICAY	228	>PTEN-I135K RTGVMKCA	831	603
>PTEN-I135K RTGVMICAY	70	>PTEN-I135K RTGVMKCA	126	56
>PTEN-I135K RTGVMICAY	13	>PTEN-I135K RTGVMKCA	24	11
>PTEN-I135K RTGVMICAYL	12	>PTEN-I135K RTGVMKCA	14	2
>PTEN-I135K RTGVMICAYL	14	>PTEN-I135K RTGVMKCA	32	18
>PTEN-I135K RTGVMICAY	205	>PTEN-I135K RTGVMKCA	1059	854
>PTEN-I135K RTGVMICAYL	438	>PTEN-I135K RTGVMKCA	1513	1075
>PTEN-I135K RTGVMICAYL	428	>PTEN-I135K RTGVMKCA	876	448
>PTEN-I135K RTGVMICAYL	90	>PTEN-I135K RTGVMKCA	528	438
>PTEN-I135K RTGVMICAYL	56	>PTEN-I135K RTGVMKCA	211	155
>PTEN-I135K RTGVMICAY	378	>PTEN-I135K RTGVMKCA	307	71
>PTEN-I135K RTGVMICAYL	72	>PTEN-I135K RTGVMKCA	214	142
>PTEN-I135K RTGVMICAYL	235	>PTEN-I135K RTGVMKCA	188	47
>PTEN-I135K RTGVMICAYL	394	>PTEN-I135K RTGVMKCA	540	146
>PTEN-I135K GRTGVMICA'	113	>PTEN-I135K GRTGVMKCA	184	71
>PTEN-I135K GRTGVMICA'	258	>PTEN-I135K GRTGVMKCA	410	152
>PTEN-I135K GRTGVMICA'	334	>PTEN-I135K GRTGVMKCA	755	421
>PTEN-I135K GRTGVMICA'	78	>PTEN-I135K GRTGVMKCA	178	100
>PTEN-I135K KGRTGVM	29	>PTEN-I135K KGRTGVMK	5	24
>PTEN-I135K KGRTGVMIC	365	>PTEN-I135K KGRTGVMKC	659	294
>PTEN-I135K KGRTGVMIC/	21	>PTEN-I135K KGRTGVMKC	79	58
>PTEN-I135K KGRTGVMIC/	38	>PTEN-I135K KGRTGVMKC	58	20
>PTEN-I135K KGRTGVMIC/	314	>PTEN-I135K KGRTGVMKC	358	44
>PTEN-I135K KGRTGVMIC/	165	>PTEN-I135K KGRTGVMKC	325	160
>PTEN-I135K KGRTGVMIC/	174	>PTEN-I135K KGRTGVMKC	350	176
>PTEN-I135K KGRTGVMIC/	135	>PTEN-I135K KGRTGVMKC	251	116
>PTEN-I135K GKGRTGVM	308	>PTEN-I135K GKGRTGVMK	2583	2275
>PTEN-I135K AGKGRTGVM	861	>PTEN-I135K AGKGRTGVM	36	825
>PTEN-I135M ICAYLLHR	569	>PTEN-I135M MCAYLLHR	134	435
>PTEN-I135M ICAYLLHR	969	>PTEN-I135M MCAYLLHR	110	859
>PTEN-I135M ICAYLLHRGKI	187	>PTEN-I135M MCAYLLHRGI	250	63
>PTEN-I135M ICAYLLHR	107	>PTEN-I135M MCAYLLHR	95	12
>PTEN-I135M MICAYLLHRG	6135	>PTEN-I135M MMCA	276	5859
>PTEN-I135M MICAYLLH	784	>PTEN-I135M MMCA	229	555
>PTEN-I135M MICAYLLHR	315	>PTEN-I135M MMCA	97	218
>PTEN-I135M MICAYLLHRG	162	>PTEN-I135M MMCA	70	92
>PTEN-I135M MICAYLLH	299	>PTEN-I135M MMCA	325	26
>PTEN-I135M MICAYLLHR	89	>PTEN-I135M MMCA	61	28
>PTEN-I135M MICAYLLHRG	49	>PTEN-I135M MMCA	25	24



>PTEN-I135N MICAYLLH	561	>PTEN-I135N MMCAYLLH	84	477
>PTEN-I135N MICAYLLHRG	77	>PTEN-I135N MMCAYLLHR	111	34
>PTEN-I135N MICAYLLHR	11	>PTEN-I135N MMCAYLLHR	7	4
>PTEN-I135N MICAYLLHRG	473	>PTEN-I135N MMCAYLLHR	76	397
>PTEN-I135N MICAYLLHR	45	>PTEN-I135N MMCAYLLHR	28	17
>PTEN-I135N MICAYLLHR	28	>PTEN-I135N MMCAYLLHR	52	24
>PTEN-I135N MICAYLLHRG	124	>PTEN-I135N MMCAYLLHR	334	210
>PTEN-I135N MICAYLLHR	28	>PTEN-I135N MMCAYLLHR	21	7
>PTEN-I135N KAGKGRTGVI	3622	>PTEN-I135N KAGKGRTGVI	490	3132
>PTEN-I135N KAGKGRTGVI	4631	>PTEN-I135N KAGKGRTGVI	460	4171
>PTEN-I135N KAGKGRTGVI	135	>PTEN-I135N KAGKGRTGVI	3726	3591
>PTEN-I135N VMICAYLL	248	>PTEN-I135N VMMCAYLL	359	111
>PTEN-I135N VMICAYLL	15	>PTEN-I135N VMMCAYLL	9	6
>PTEN-I135N VMICAYLLHR	1610	>PTEN-I135N VMMCAYLLH	389	1221
>PTEN-I135N VMICAYLL	9	>PTEN-I135N VMMCAYLL	4	5
>PTEN-I135N VMICAYLL	27	>PTEN-I135N VMMCAYLL	15	12
>PTEN-I135N VMICAYLL	39	>PTEN-I135N VMMCAYLL	22	17
>PTEN-I135N VMICAYLL	10	>PTEN-I135N VMMCAYLL	6	4
>PTEN-I135N VMICAYLL	6	>PTEN-I135N VMMCAYLL	4	2
>PTEN-I135N VMICAYLL	58	>PTEN-I135N VMMCAYLL	34	24
>PTEN-I135N VMICAYLL	136	>PTEN-I135N VMMCAYLL	4	132
>PTEN-I135N VMICAYLL	16	>PTEN-I135N VMMCAYLL	9	7
>PTEN-I135N VMICAYLLH	1044	>PTEN-I135N VMMCAYLLH	140	904
>PTEN-I135N VMICAYLLHR	166	>PTEN-I135N VMMCAYLLH	52	114
>PTEN-I135N VMICAYLLH	1118	>PTEN-I135N VMMCAYLLH	199	919
>PTEN-I135N VMICAYLLHR	52	>PTEN-I135N VMMCAYLLH	25	27
>PTEN-I135N VMICAYLL	100	>PTEN-I135N VMMCAYLL	209	109
>PTEN-I135N VMICAYLLH	46	>PTEN-I135N VMMCAYLLH	104	58
>PTEN-I135N VMICAYLLHR	44	>PTEN-I135N VMMCAYLLH	18	26
>PTEN-I135N VMICAYLLHR	237	>PTEN-I135N VMMCAYLLH	151	86
>PTEN-I135N VMICAYLLHR	119	>PTEN-I135N VMMCAYLLH	105	14
>PTEN-I135N VMICAYLL	126	>PTEN-I135N VMMCAYLL	72	54
>PTEN-I135N VMICAYLLH	676	>PTEN-I135N VMMCAYLLH	308	368
>PTEN-I135N VMICAYLLHR	434	>PTEN-I135N VMMCAYLLH	219	215
>PTEN-I135N VMICAYLL	1077	>PTEN-I135N VMMCAYLL	381	696
>PTEN-I135N VMICAYLLHR	70	>PTEN-I135N VMMCAYLLH	39	31
>PTEN-I135N VMICAYLLHR	58	>PTEN-I135N VMMCAYLLH	46	12
>PTEN-I135N GVMICAYL	66	>PTEN-I135N GVMMCAYL	50	16
>PTEN-I135N GVMICAYLL	57	>PTEN-I135N GVMMCAYLL	36	21
>PTEN-I135N GVMICAYL	20	>PTEN-I135N GVMMCAYL	25	5
>PTEN-I135N GVMICAYLL	18	>PTEN-I135N GVMMCAYLL	17	1
>PTEN-I135N GVMICAYL	260	>PTEN-I135N GVMMCAYL	176	84
>PTEN-I135N GVMICAYL	51	>PTEN-I135N GVMMCAYL	41	10

>PTEN-I135M GVMICAYLL	112	>PTEN-I135M GVMMCAYLL	66	46
>PTEN-I135M GVMICAYL	346	>PTEN-I135M GVMMCAYL	272	74
>PTEN-I135M GVMICAYLL	327	>PTEN-I135M GVMMCAYLL	201	126
>PTEN-I135M GVMICAYL	403	>PTEN-I135M GVMMCAYL	276	127
>PTEN-I135M GVMICAYL	574	>PTEN-I135M GVMMCAYL	360	214
>PTEN-I135M GVMICAYLLH	52	>PTEN-I135M GVMMCAYLL	33	19
>PTEN-I135M GVMICAYLLH	38	>PTEN-I135M GVMMCAYLL	29	9
>PTEN-I135M GVMICAYLLH	1046	>PTEN-I135M GVMMCAYLL	477	569
>PTEN-I135M GVMICAYLLH	177	>PTEN-I135M GVMMCAYLL	116	61
>PTEN-I135M GVMICAYL	485	>PTEN-I135M GVMMCAYL	779	294
>PTEN-I135M GVMICAYLL	222	>PTEN-I135M GVMMCAYLL	105	117
>PTEN-I135M GVMICAYLLH	198	>PTEN-I135M GVMMCAYLL	273	75
>PTEN-I135M GVMICAYLLH	132	>PTEN-I135M GVMMCAYLL	135	3
>PTEN-I135M TGVMICAYL	267	>PTEN-I135M TGVMMMCAYL	2367	2100
>PTEN-I135M TGVMICAY	166	>PTEN-I135M TGVMMMCAY	181	15
>PTEN-I135M RTGVMICAY	976	>PTEN-I135M RTGVMMCA`	276	700
>PTEN-I135M RTGVMICAY	828	>PTEN-I135M RTGVMMCA`	114	714
>PTEN-I135M RTGVMICAY	243	>PTEN-I135M RTGVMMCA`	140	103
>PTEN-I135M RTGVMICAYL	398	>PTEN-I135M RTGVMMCA`	508	110
>PTEN-I135M RTGVMICAY	169	>PTEN-I135M RTGVMMCA`	243	74
>PTEN-I135M RTGVMICAYL	114	>PTEN-I135M RTGVMMCA`	125	11
>PTEN-I135M RTGVMICAYL	74	>PTEN-I135M RTGVMMCA`	302	228
>PTEN-I135M RTGVMICAY	228	>PTEN-I135M RTGVMMCA`	62	166
>PTEN-I135M RTGVMICAY	70	>PTEN-I135M RTGVMMCA`	80	10
>PTEN-I135M RTGVMICAY	13	>PTEN-I135M RTGVMMCA`	8	5
>PTEN-I135M RTGVMICAYL	12	>PTEN-I135M RTGVMMCA`	7	5
>PTEN-I135M RTGVMICAYL	14	>PTEN-I135M RTGVMMCA`	10	4
>PTEN-I135M RTGVMICAY	205	>PTEN-I135M RTGVMMCA`	411	206
>PTEN-I135M RTGVMICAYL	438	>PTEN-I135M RTGVMMCA`	592	154
>PTEN-I135M RTGVMICAYL	428	>PTEN-I135M RTGVMMCA`	566	138
>PTEN-I135M RTGVMICAYL	90	>PTEN-I135M RTGVMMCA`	99	9
>PTEN-I135M RTGVMICAYL	56	>PTEN-I135M RTGVMMCA`	58	2
>PTEN-I135M RTGVMICAY	378	>PTEN-I135M RTGVMMCA`	144	234
>PTEN-I135M RTGVMICAYL	72	>PTEN-I135M RTGVMMCA`	56	16
>PTEN-I135M RTGVMICAYL	235	>PTEN-I135M RTGVMMCA`	121	114
>PTEN-I135M RTGVMICAYL	394	>PTEN-I135M RTGVMMCA`	453	59
>PTEN-I135M GRTGVMICA`	113	>PTEN-I135M GRTGVMMC	222	109
>PTEN-I135M GRTGVMICA`	258	>PTEN-I135M GRTGVMMC	357	99
>PTEN-I135M GRTGVMICA`	334	>PTEN-I135M GRTGVMMC	337	3
>PTEN-I135M GRTGVMICA`	78	>PTEN-I135M GRTGVMMC	75	3
>PTEN-I135M KGRTGVMII	29	>PTEN-I135M KGRTGVMMI	68	39
>PTEN-I135M KGRTGVMIC	365	>PTEN-I135M KGRTGVMMI	490	125
>PTEN-I135M KGRTGVMIC/	21	>PTEN-I135M KGRTGVMMI	18	3

>PTEN-I135N KGRTGVMIC/	38	>PTEN-I135N KGRTGVMMMI	38	0
>PTEN-I135N KGRTGVMIC/	314	>PTEN-I135N KGRTGVMMMI	246	68
>PTEN-I135N KGRTGVMIC/	165	>PTEN-I135N KGRTGVMMMI	175	10
>PTEN-I135N KGRTGVMIC/	174	>PTEN-I135N KGRTGVMMMI	225	51
>PTEN-I135N KGRTGVMII	2687	>PTEN-I135N KGRTGVMMM	333	2354
>PTEN-I135N KGRTGVMIC/	135	>PTEN-I135N KGRTGVMMMI	76	59
>PTEN-I135N KGRTGVMIC/	666	>PTEN-I135N KGRTGVMMMI	357	309
>PTEN-I135N GKGRGTGVMII	308	>PTEN-I135N GKGRGTGVMII	89	219
>PTEN-I135N AGKGRGTGVM	9394	>PTEN-I135N AGKGRGTGVM	323	9071
>PTEN-I135V ICAYLLHRGKI	187	>PTEN-I135V VCAYLLHRGK	311	124
>PTEN-I135V ICAYLLHR	107	>PTEN-I135V VCAYLLHR	325	218
>PTEN-I135V MICAYLLHR	315	>PTEN-I135V MVCAYLLHR	355	40
>PTEN-I135V MICAYLLHRG	162	>PTEN-I135V MVCAYLLHRG	185	23
>PTEN-I135V MICAYLLH	299	>PTEN-I135V MVCAYLLH	176	123
>PTEN-I135V MICAYLLHR	89	>PTEN-I135V MVCAYLLHR	52	37
>PTEN-I135V MICAYLLHRG	49	>PTEN-I135V MVCAYLLHRG	43	6
>PTEN-I135V MICAYLLH	561	>PTEN-I135V MVCAYLLH	316	245
>PTEN-I135V MICAYLLHRG	77	>PTEN-I135V MVCAYLLHRG	28	49
>PTEN-I135V MICAYLLHR	11	>PTEN-I135V MVCAYLLHR	10	1
>PTEN-I135V MICAYLLHRG	473	>PTEN-I135V MVCAYLLHRG	228	245
>PTEN-I135V MICAYLLHR	45	>PTEN-I135V MVCAYLLHR	39	6
>PTEN-I135V MICAYLLHR	28	>PTEN-I135V MVCAYLLHR	16	12
>PTEN-I135V MICAYLLHRG	124	>PTEN-I135V MVCAYLLHRG	48	76
>PTEN-I135V MICAYLLHR	28	>PTEN-I135V MVCAYLLHR	65	37
>PTEN-I135V KAGKGRGTGVI	135	>PTEN-I135V KAGKGRGTGVI	5216	5081
>PTEN-I135V VMICAYLL	248	>PTEN-I135V VMVCAYLL	468	220
>PTEN-I135V VMICAYLL	15	>PTEN-I135V VMVCAYLL	35	20
>PTEN-I135V VMICAYLL	9	>PTEN-I135V VMVCAYLL	13	4
>PTEN-I135V VMICAYLL	27	>PTEN-I135V VMVCAYLL	53	26
>PTEN-I135V VMICAYLL	39	>PTEN-I135V VMVCAYLL	56	17
>PTEN-I135V VMICAYLL	10	>PTEN-I135V VMVCAYLL	13	3
>PTEN-I135V VMICAYLL	6	>PTEN-I135V VMVCAYLL	12	6
>PTEN-I135V VMICAYLL	58	>PTEN-I135V VMVCAYLL	73	15
>PTEN-I135V VMICAYLL	136	>PTEN-I135V VMVCAYLL	145	9
>PTEN-I135V VMICAYLL	16	>PTEN-I135V VMVCAYLL	18	2
>PTEN-I135V VMICAYLLHR	166	>PTEN-I135V VMVCAYLLHI	281	115
>PTEN-I135V VMICAYLLHR	52	>PTEN-I135V VMVCAYLLHI	120	68
>PTEN-I135V VMICAYLL	100	>PTEN-I135V VMVCAYLL	182	82
>PTEN-I135V VMICAYLLH	46	>PTEN-I135V VMVCAYLLH	88	42
>PTEN-I135V VMICAYLLHR	44	>PTEN-I135V VMVCAYLLHI	93	49
>PTEN-I135V VMICAYLLHR	237	>PTEN-I135V VMVCAYLLHI	439	202
>PTEN-I135V VMICAYLLHR	119	>PTEN-I135V VMVCAYLLHI	269	150
>PTEN-I135V VMICAYLL	126	>PTEN-I135V VMVCAYLL	172	46

>PTEN-I135V VMICAYLLHR	434	>PTEN-I135V VMVCAYLLHI	616	182
>PTEN-I135V VMICAYLLHR	70	>PTEN-I135V VMVCAYLLHI	60	10
>PTEN-I135V VMICAYLLHR	58	>PTEN-I135V VMVCAYLLHI	45	13
>PTEN-I135V GVMICAYL	66	>PTEN-I135V GVMVCAYL	66	0
>PTEN-I135V GVMICAYLL	57	>PTEN-I135V GVMVCAYLL	49	8
>PTEN-I135V GVMICAYL	20	>PTEN-I135V GVMVCAYL	21	1
>PTEN-I135V GVMICAYLL	18	>PTEN-I135V GVMVCAYLL	16	2
>PTEN-I135V GVMICAYL	260	>PTEN-I135V GVMVCAYL	348	88
>PTEN-I135V GVMICAYL	51	>PTEN-I135V GVMVCAYL	42	9
>PTEN-I135V GVMICAYLL	112	>PTEN-I135V GVMVCAYLL	86	26
>PTEN-I135V GVMICAYL	346	>PTEN-I135V GVMVCAYL	237	109
>PTEN-I135V GVMICAYLL	327	>PTEN-I135V GVMVCAYLL	196	131
>PTEN-I135V GVMICAYL	403	>PTEN-I135V GVMVCAYL	256	147
>PTEN-I135V GVMICAYLLH	52	>PTEN-I135V GVMVCAYLLI	45	7
>PTEN-I135V GVMICAYLLH	38	>PTEN-I135V GVMVCAYLLI	32	6
>PTEN-I135V GVMICAYLLH	177	>PTEN-I135V GVMVCAYLLI	147	30
>PTEN-I135V GVMICAYL	485	>PTEN-I135V GVMVCAYL	513	28
>PTEN-I135V GVMICAYLL	222	>PTEN-I135V GVMVCAYLL	166	56
>PTEN-I135V GVMICAYLLH	198	>PTEN-I135V GVMVCAYLLI	240	42
>PTEN-I135V GVMICAYLLH	132	>PTEN-I135V GVMVCAYLLI	279	147
>PTEN-I135V TGVMICAYL	267	>PTEN-I135V TGVMVCAYL	563	296
>PTEN-I135V TGVMICAY	714	>PTEN-I135V TGVMVCAY	451	263
>PTEN-I135V TGVMICAY	166	>PTEN-I135V TGVMVCAY	186	20
>PTEN-I135V RTGVMICAY	243	>PTEN-I135V RTGVMVCAY	370	127
>PTEN-I135V RTGVMICAYL	398	>PTEN-I135V RTGVMVCAY	372	26
>PTEN-I135V RTGVMICAY	169	>PTEN-I135V RTGVMVCAY	72	97
>PTEN-I135V RTGVMICAYL	114	>PTEN-I135V RTGVMVCAY	79	35
>PTEN-I135V RTGVMICAYL	74	>PTEN-I135V RTGVMVCAY	87	13
>PTEN-I135V RTGVMICAY	228	>PTEN-I135V RTGVMVCAY	163	65
>PTEN-I135V RTGVMICAY	70	>PTEN-I135V RTGVMVCAY	55	15
>PTEN-I135V RTGVMICAY	13	>PTEN-I135V RTGVMVCAY	9	4
>PTEN-I135V RTGVMICAYL	12	>PTEN-I135V RTGVMVCAY	12	0
>PTEN-I135V RTGVMICAYL	14	>PTEN-I135V RTGVMVCAY	13	1
>PTEN-I135V RTGVMICAY	205	>PTEN-I135V RTGVMVCAY	96	109
>PTEN-I135V RTGVMICAYL	438	>PTEN-I135V RTGVMVCAY	185	253
>PTEN-I135V RTGVMICAYL	428	>PTEN-I135V RTGVMVCAY	235	193
>PTEN-I135V RTGVMICAYL	90	>PTEN-I135V RTGVMVCAY	114	24
>PTEN-I135V RTGVMICAYL	56	>PTEN-I135V RTGVMVCAY	79	23
>PTEN-I135V RTGVMICAY	378	>PTEN-I135V RTGVMVCAY	340	38
>PTEN-I135V RTGVMICAYL	72	>PTEN-I135V RTGVMVCAY	89	17
>PTEN-I135V RTGVMICAYL	235	>PTEN-I135V RTGVMVCAY	217	18
>PTEN-I135V RTGVMICAYL	394	>PTEN-I135V RTGVMVCAY	481	87
>PTEN-I135V GRTGVMICA'	113	>PTEN-I135V GRTGVMVCA	119	6

>PTEN-I135V GRTGVMICA'	258	>PTEN-I135V GRTGVMVCA	292	34
>PTEN-I135V GRTGVMICA'	334	>PTEN-I135V GRTGVMVCA	362	28
>PTEN-I135V GRTGVMICA'	78	>PTEN-I135V GRTGVMVCA	92	14
>PTEN-I135V KGRTGVMII	29	>PTEN-I135V KGRTGVMIV	45	16
>PTEN-I135V KGRTGVMIC	365	>PTEN-I135V KGRTGVMIVC	433	68
>PTEN-I135V KGRTGVMIC/	21	>PTEN-I135V KGRTGVMIVC	42	21
>PTEN-I135V KGRTGVMIC/	38	>PTEN-I135V KGRTGVMIVC	40	2
>PTEN-I135V KGRTGVMIC/	314	>PTEN-I135V KGRTGVMIVC	392	78
>PTEN-I135V KGRTGVMIC/	165	>PTEN-I135V KGRTGVMIVC	109	56
>PTEN-I135V KGRTGVMIC/	174	>PTEN-I135V KGRTGVMIVC	138	36
>PTEN-I135V KGRTGVMIC/	135	>PTEN-I135V KGRTGVMIVC	106	29
>PTEN-I135V GKRTGVMII	308	>PTEN-I135V GKRTGVMIV	502	194
>PTEN-I168F IPSQRRYVYY	288	>PTEN-I168F FPSQRRYVYY	87	201
>PTEN-I168F IPSQRRYVY	183	>PTEN-I168F FPSQRRYVY	924	741
>PTEN-I168F IPSQRRYVYY	123	>PTEN-I168F FPSQRRYVYY	656	533
>PTEN-I168F IPSQRRYV	22	>PTEN-I168F FPSQRRYV	20	2
>PTEN-I168F IPSQRRYVY	165	>PTEN-I168F FPSQRRYVY	133	32
>PTEN-I168F IPSQRRYV	1066	>PTEN-I168F FPSQRRYV	196	870
>PTEN-I168F IPSQRRYVY	1412	>PTEN-I168F FPSQRRYVY	168	1244
>PTEN-I168F IPSQRRYVY	16	>PTEN-I168F FPSQRRYVY	8	8
>PTEN-I168F IPSQRRYVYY	1086	>PTEN-I168F FPSQRRYVYY	55	1031
>PTEN-I168F IPSQRRYVYY	27	>PTEN-I168F FPSQRRYVYY	10	17
>PTEN-I168F IPSQRRYVY	74	>PTEN-I168F FPSQRRYVY	23	51
>PTEN-I168F IPSQRRYVYY	985	>PTEN-I168F FPSQRRYVYY	126	859
>PTEN-I168F IPSQRRYVYY	31	>PTEN-I168F FPSQRRYVYY	13	18
>PTEN-I168F IPSQRRYV	2798	>PTEN-I168F FPSQRRYV	135	2663
>PTEN-I168F IPSQRRYVY	5843	>PTEN-I168F FPSQRRYVY	167	5676
>PTEN-I168F IPSQRRYVY	7	>PTEN-I168F FPSQRRYVY	8	1
>PTEN-I168F IPSQRRYVYY	33	>PTEN-I168F FPSQRRYVYY	26	7
>PTEN-I168F IPSQRRYVYY	12	>PTEN-I168F FPSQRRYVYY	11	1
>PTEN-I168F IPSQRRYVY	1416	>PTEN-I168F FPSQRRYVY	191	1225
>PTEN-I168F IPSQRRYVYY	262	>PTEN-I168F FPSQRRYVYY	51	211
>PTEN-I168F IPSQRRYVYY	518	>PTEN-I168F FPSQRRYVYY	87	431
>PTEN-I168F TIPSQRRYV	225	>PTEN-I168F TFPSQRRYV	9553	9328
>PTEN-I168F TIPSQRRY	437	>PTEN-I168F TFPSQRRY	7114	6677
>PTEN-I168F TIPSQRRYVY	290	>PTEN-I168F TFPSQRRYVY	6816	6526
>PTEN-I168F TIPSQRRY	1590	>PTEN-I168F TFPSQRRY	271	1319
>PTEN-I168F TIPSQRRYVY	746	>PTEN-I168F TFPSQRRYVY	83	663
>PTEN-I168F TIPSQRRYVY	238	>PTEN-I168F TFPSQRRYVY	61	177
>PTEN-I168F TIPSQRRYV	67	>PTEN-I168F TFPSQRRYV	5901	5834
>PTEN-I168F VRTRDKKGV	873	>PTEN-I168F VRTRDKKGV	68	805
>PTEN-I168F VTIPSQRRYV	563	>PTEN-I168F VTFPSQRRYV	309	254
>PTEN-I168F VTIPSQRRYV	249	>PTEN-I168F VTFPSQRRYV	32	217

>PTEN-I168F VTIPSQRRYV	286	>PTEN-I168F VTFPSQRRYV	78	208
>PTEN-I168F VTIPSQRRY	4835	>PTEN-I168F VTFPSQRRY	410	4425
>PTEN-I168F VTIPSQRR	608	>PTEN-I168F VTFPSQRR	125	483
>PTEN-I168F VTIPSQRRY	1876	>PTEN-I168F VTFPSQRRY	496	1380
>PTEN-I168F VTIPSQRRYV'	284	>PTEN-I168F VTFPSQRRYV	92	192
>PTEN-I168F VTIPSQRRY	26	>PTEN-I168F VTFPSQRRY	2818	2792
>PTEN-I168F VTIPSQRRYV'	38	>PTEN-I168F VTFPSQRRYV	2695	2657
>PTEN-I168F VTIPSQRRY	59	>PTEN-I168F VTFPSQRRY	73	14
>PTEN-I168F VTIPSQRRYV'	26	>PTEN-I168F VTFPSQRRYV	28	2
>PTEN-I168F VTIPSQRRYV	1911	>PTEN-I168F VTFPSQRRYV	307	1604
>PTEN-I168F VTIPSQRRY	41	>PTEN-I168F VTFPSQRRY	28	13
>PTEN-I168F VTIPSQRRYV'	16	>PTEN-I168F VTFPSQRRYV	12	4
>PTEN-I168F VTIPSQRR	135	>PTEN-I168F VTFPSQRR	33	102
>PTEN-I168F VTIPSQRR	1245	>PTEN-I168F VTFPSQRR	428	817
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>PTEN-I168F VTIPSQRRYV'	906	>PTEN-I168F VTFPSQRRYV	277	629
>PTEN-I168F VTIPSQRRYV	225	>PTEN-I168F VTFPSQRRYV	135	90
>PTEN-I168F VTIPSQRRYV'	579	>PTEN-I168F VTFPSQRRYV	425	154
>PTEN-I168F VTIPSQRRY	399	>PTEN-I168F VTFPSQRRY	290	109
>PTEN-I168F VTIPSQRRYV'	109	>PTEN-I168F VTFPSQRRYV	93	16
>PTEN-I168F VTIPSQRRY	706	>PTEN-I168F VTFPSQRRY	113	593
>PTEN-I168F VTIPSQRRYV'	205	>PTEN-I168F VTFPSQRRYV	38	167
>PTEN-I168F VTIPSQRR	677	>PTEN-I168F VTFPSQRR	304	373
>PTEN-I168F VTIPSQRRY	3	>PTEN-I168F VTFPSQRRY	2	1
>PTEN-I168F VTIPSQRRYV	124	>PTEN-I168F VTFPSQRRYV	91	33
>PTEN-I168F VTIPSQRRYV'	4	>PTEN-I168F VTFPSQRRYV	3	1
>PTEN-I168F VTIPSQRRY	81	>PTEN-I168F VTFPSQRRY	49	32
>PTEN-I168F VTIPSQRRYV'	111	>PTEN-I168F VTFPSQRRYV	61	50
>PTEN-I168F VTIPSQRRY	122	>PTEN-I168F VTFPSQRRY	189	67
>PTEN-I168F VTIPSQRRYV'	76	>PTEN-I168F VTFPSQRRYV	102	26
>PTEN-I168F VTIPSQRRYV	616	>PTEN-I168F VTFPSQRRYV	361	255
>PTEN-I168F VTIPSQRRY	37	>PTEN-I168F VTFPSQRRY	7	30
>PTEN-I168F VTIPSQRRYV'	37	>PTEN-I168F VTFPSQRRYV	7	30
>PTEN-I168F VTIPSQRRYV'	256	>PTEN-I168F VTFPSQRRYV	282	26
>PTEN-I168F VTIPSQRRY	2526	>PTEN-I168F VTFPSQRRY	480	2046
>PTEN-I168F VTIPSQRRYV'	817	>PTEN-I168F VTFPSQRRYV	198	619
>PTEN-I168F VTIPSQRR	925	>PTEN-I168F VTFPSQRR	307	618
>PTEN-I168F GVTIPSQRRY'	123	>PTEN-I168F GVTIPSQRRY	209	86
>PTEN-I168F GVTIPSQR	1062	>PTEN-I168F GVTIPSQR	351	711
>PTEN-I168F GVTIPSQR	457	>PTEN-I168F GVTIPSQR	378	79
>PTEN-I168F GVTIPSQR	210	>PTEN-I168F GVTIPSQR	116	94
>PTEN-I168F GVTIPSQRR	1034	>PTEN-I168F GVTIPSQRR	442	592
>PTEN-I168F GVTIPSQRRY	1919	>PTEN-I168F GVTIPSQRRY	498	1421

>PTEN-I168F GVTIPSQRRY	172	>PTEN-I168F GVTFPSQRRY	439	267
>PTEN-I168F GVTIPSQRRY	553	>PTEN-I168F GVTFPSQRRY	476	77
>PTEN-I168F KGV TIPSQRR	155	>PTEN-I168F KGVTFPSQRF	215	60
>PTEN-I168F KGV TIPSQR	208	>PTEN-I168F KGVTFPSQR	180	28
>PTEN-I168F KGV TIPSQRR	202	>PTEN-I168F KGVTFPSQRF	136	66
>PTEN-I168F KGV TIPSQRR	227	>PTEN-I168F KGVTFPSQRF	244	17
>PTEN-I168F KGV TIPSQR	147	>PTEN-I168F KGVTFPSQR	47	100
>PTEN-I168F KGV TIPSQRR	120	>PTEN-I168F KGVTFPSQRF	58	62
>PTEN-I168F KKGVTIPSQR	982	>PTEN-I168F KKGVTFPSQR	490	492
>PTEN-I168F KKGVTIPSQR	609	>PTEN-I168F KKGVTFPSQR	223	386
>PTEN-I168F KKGVTIPSQR	511	>PTEN-I168F KKGVTFPSQR	284	227
>PTEN-I168F DKKGV TIPSQ	497	>PTEN-I168F DKKGVTFPSC	323	174
>PTEN-I168F DKKGV TIPSQ	635	>PTEN-I168F DKKGVTFPSC	417	218
>PTEN-I168F RD KKGVTI	4249	>PTEN-I168F RD KKGVTF	113	4136
>PTEN-I168F RD KKGVTI	179	>PTEN-I168F RD KKGVTF	10376	10197
>PTEN-I168F RTRD KKGVTI	5	>PTEN-I168F RTRD KKGVTF	33	28
>PTEN-I168F RTRD KKGVTI	103	>PTEN-I168F RTRD KKGVTF	23	80
>PTEN-I168F RTRD KKGVTI	120	>PTEN-I168F RTRD KKGVTF	97	23
>PTEN-I168F RTRD KKGVTI	4691	>PTEN-I168F RTRD KKGVTF	114	4577
>PTEN-I168F RTRD KKGVTI	2150	>PTEN-I168F RTRD KKGVTF	88	2062
>PTEN-I168F RTRD KKGVTI	5	>PTEN-I168F RTRD KKGVTF	3	2
>PTEN-I168F RTRD KKGVTI	6081	>PTEN-I168F RTRD KKGVTF	283	5798
>PTEN-I168F RTRD KKGVTI	100	>PTEN-I168F RTRD KKGVTF	21	79
>PTEN-I253N IKVEFFHK	1021	>PTEN-I253N NKVEFFHK	458	563
>PTEN-I253N IKVEFFHK	330	>PTEN-I253N NKVEFFHK	2741	2411
>PTEN-I253N IKVEFFHKQN	265	>PTEN-I253N NKVEFFHKQN	2261	1996
>PTEN-I253N FPQPLVCGE	95	>PTEN-I253N FPQPLVCGE	22701	22606
>PTEN-I253N FPQPLVCGE	360	>PTEN-I253N FPQPLVCGE	15636	15276
>PTEN-I253N FPQPLVCGE	419	>PTEN-I253N FPQPLVCGE	17955	17536
>PTEN-I253N PVC GDIKV	466	>PTEN-I253N PVC GDNKV	1871	1405
>PTEN-I253N PVC GDIKVEF	395	>PTEN-I253N PVC GDNKVEI	1147	752
>PTEN-I253N PVC GDIKVEF	21	>PTEN-I253N PVC GDNKVEI	41	20
>PTEN-I253N LPVCGDIKVEI	35	>PTEN-I253N LPVCGDNKVEI	33	2
>PTEN-I253N LPVCGDIKVEI	484	>PTEN-I253N LPVCGDNKVEI	283	201
>PTEN-I253N LPVCGDIKVEI	630	>PTEN-I253N LPVCGDNKVEI	481	149
>PTEN-I253N LPVCGDIKVEI	9	>PTEN-I253N LPVCGDNKVEI	11	2
>PTEN-I253N LPVCGDIKVEI	26	>PTEN-I253N LPVCGDNKVEI	41	15
>PTEN-I253N LPVCGDIK	306	>PTEN-I253N LPVCGDNK	769	463
>PTEN-I253N LPVCGDIKVEI	499	>PTEN-I253N LPVCGDNKVEI	809	310
>PTEN-I253N LPVCGDIKVEI	18	>PTEN-I253N LPVCGDNKVEI	28	10
>PTEN-I253N PLPVC GDIKV	176	>PTEN-I253N PLPVC GDNKV	372	196
>PTEN-I253N PLPVC GDIKV	46	>PTEN-I253N PLPVC GDNKV	64	18
>PTEN-I33S-r IAMGFPAERL	65	>PTEN-I33S-r SAMGFPAERL	56	9

>PTEN-I33S-v IAMGFPAERL	643	>PTEN-I33S-r SAMGFPAERL	495	148
>PTEN-I33S-v IAMGFPAERL	445	>PTEN-I33S-r SAMGFPAERL	417	28
>PTEN-I33S-v IAMGFPAER	222	>PTEN-I33S-r SAMGFPAER	54	168
>PTEN-I33S-v IAMGFPAER	32	>PTEN-I33S-r SAMGFPAER	28	4
>PTEN-I33S-v IAMGFPAER	58	>PTEN-I33S-r SAMGFPAER	184	126
>PTEN-I33S-v IAMGFPAER	8	>PTEN-I33S-r SAMGFPAER	9	1
>PTEN-I33S-v IAMGFPAERL	676	>PTEN-I33S-r SAMGFPAERL	186	490
>PTEN-I33S-v IAMGFPAERL	2200	>PTEN-I33S-r SAMGFPAERL	256	1944
>PTEN-I33S-v IAMGFPAERL	19	>PTEN-I33S-r SAMGFPAERL	84	65
>PTEN-I33S-v IAMGFPAERL	332	>PTEN-I33S-r SAMGFPAERL	2497	2165
>PTEN-I33S-v IAMGFPAERL	476	>PTEN-I33S-r SAMGFPAERL	4644	4168
>PTEN-I33S-v IAMGFPAER	1098	>PTEN-I33S-r SAMGFPAER	251	847
>PTEN-I33S-v IAMGFPAER	268	>PTEN-I33S-r SAMGFPAER	316	48
>PTEN-I33S-v IIAMGFPA	369	>PTEN-I33S-r ISAMGFPA	8315	7946
>PTEN-I33S-v IIAMGFPA	311	>PTEN-I33S-r ISAMGFPA	3580	3269
>PTEN-I33S-v IIAMGFPAER	200	>PTEN-I33S-r ISAMGFPAER	3475	3275
>PTEN-I33S-v IIAMGFPA	65	>PTEN-I33S-r ISAMGFPA	4188	4123
>PTEN-I33S-v IIAMGFPA	35	>PTEN-I33S-r ISAMGFPA	528	493
>PTEN-I33S-v IIAMGFPAER	213	>PTEN-I33S-r ISAMGFPAER	2584	2371
>PTEN-I33S-v IIAMGFPAER	471	>PTEN-I33S-r ISAMGFPAER	13420	12949
>PTEN-I33S-v IIAMGFPA	206	>PTEN-I33S-r ISAMGFPA	26291	26085
>PTEN-I33S-v IIAMGFPAER	73	>PTEN-I33S-r ISAMGFPAER	20017	19944
>PTEN-I33S-v IIAMGFPAER	535	>PTEN-I33S-r ISAMGFPAER	408	127
>PTEN-I33S-v IIAMGFPAER	83	>PTEN-I33S-r ISAMGFPAER	55	28
>PTEN-I33S-v IIAMGFPAER	468	>PTEN-I33S-r ISAMGFPAER	1287	819
>PTEN-I33S-v IIAMGFPAER	12	>PTEN-I33S-r ISAMGFPAER	13	1
>PTEN-I33S-v IIAMGFPAER	2838	>PTEN-I33S-r ISAMGFPAER	9	2829
>PTEN-I33S-v IIAMGFPAER	6919	>PTEN-I33S-r ISAMGFPAER	157	6762
>PTEN-I33S-v IIAMGFPAER	1436	>PTEN-I33S-r ISAMGFPAER	75	1361
>PTEN-I33S-v IIAMGFPAER	2958	>PTEN-I33S-r ISAMGFPAER	286	2672
>PTEN-I33S-v IIAMGFPAER	273	>PTEN-I33S-r ISAMGFPAER	1664	1391
>PTEN-I33S-v LDLYIYPNII	90	>PTEN-I33S-r LDLYIYPNIS	18829	18739
>PTEN-I33S-v LDLYIYPNII	52	>PTEN-I33S-r LDLYIYPNIS	11632	11580
>PTEN-I33S-v LDLYIYPNII	27	>PTEN-I33S-r LDLYIYPNIS	4560	4533
>PTEN-I33S-v NIIAMGFPA	391	>PTEN-I33S-r NISAMGFPA	186	205
>PTEN-I33S-v NIIAMGFPA	162	>PTEN-I33S-r NISAMGFPA	220	58
>PTEN-I33S-v NIIAMGFPA	32	>PTEN-I33S-r NISAMGFPA	163	131
>PTEN-I33S-v NIIAMGFPAE	150	>PTEN-I33S-r NISAMGFPAE	209	59
>PTEN-I33S-v NIIAMGFPAE	115	>PTEN-I33S-r NISAMGFPAE	170	55
>PTEN-I33S-v NIIAMGFPAE	8	>PTEN-I33S-r NISAMGFPAE	14	6
>PTEN-I33S-v NIIAMGFPA	28	>PTEN-I33S-r NISAMGFPA	56	28
>PTEN-I33S-v NIIAMGFPA	154	>PTEN-I33S-r NISAMGFPA	525	371
>PTEN-I33S-v NIIAMGFPAE	235	>PTEN-I33S-r NISAMGFPAE	282	47



>PTEN-I33S- $\lambda$ YPNIIAMGF	281	>PTEN-I33S-r YPNISAMGF	94	187
>PTEN-I33S- $\lambda$ YPNIIAMGFP	91	>PTEN-I33S-r YPNISAMGFF	53	38
>PTEN-I33S- $\lambda$ YPNIIAMGF	640	>PTEN-I33S-r YPNISAMGF	92	548
>PTEN-I33S- $\lambda$ YPNIIAMGF	3692	>PTEN-I33S-r YPNISAMGF	448	3244
>PTEN-I33S- $\lambda$ YPNIIAMGF	11	>PTEN-I33S-r YPNISAMGF	13	2
>PTEN-I33S- $\lambda$ YPNIIAMGFP	37	>PTEN-I33S-r YPNISAMGFF	43	6
>PTEN-I33S- $\lambda$ YPNIIAMGF	82	>PTEN-I33S-r YPNISAMGF	88	6
>PTEN-I33S- $\lambda$ YPNIIAMG	328	>PTEN-I33S-r YPNISAMG	769	441
>PTEN-I33S- $\lambda$ YPNIIAMGFP	6	>PTEN-I33S-r YPNISAMGFF	9	3
>PTEN-I33S- $\lambda$ YPNIIAMGF	102	>PTEN-I33S-r YPNISAMGF	236	134
>PTEN-I33S- $\lambda$ IYPNIIAMGF	80	>PTEN-I33S-r IYPNISAMGF	52	28
>PTEN-I33S- $\lambda$ IYPNIIAM	522	>PTEN-I33S-r IYPNISAM	399	123
>PTEN-I33S- $\lambda$ IYPNIIAMGF	49	>PTEN-I33S-r IYPNISAMGF	38	11
>PTEN-I33S- $\lambda$ IYPNIIAM	32	>PTEN-I33S-r IYPNISAM	46	14
>PTEN-I33S- $\lambda$ IYPNIIAMGF	4	>PTEN-I33S-r IYPNISAMGF	5	1
>PTEN-I33S- $\lambda$ IYPNIIAMGF	56	>PTEN-I33S-r IYPNISAMGF	93	37
>PTEN-I33S- $\lambda$ IYPNIIAM	288	>PTEN-I33S-r IYPNISAM	496	208
>PTEN-I33S- $\lambda$ IYPNIIAMGF	408	>PTEN-I33S-r IYPNISAMGF	896	488
>PTEN-I33S- $\lambda$ YIYPNIIAM	226	>PTEN-I33S-r YIYPNISAM	329	103
>PTEN-I33S- $\lambda$ YIYPNIIAM	163	>PTEN-I33S-r YIYPNISAM	128	35
>PTEN-I33S- $\lambda$ YIYPNIIAMGF	561	>PTEN-I33S-r YIYPNISAMG	491	70
>PTEN-I33S- $\lambda$ YIYPNIIA	75	>PTEN-I33S-r YIYPNISA	37	38
>PTEN-I33S- $\lambda$ YIYPNIIAM	35	>PTEN-I33S-r YIYPNISAM	94	59
>PTEN-I33S- $\lambda$ YIYPNIIA	345	>PTEN-I33S-r YIYPNISA	108	237
>PTEN-I33S- $\lambda$ YIYPNIIAM	172	>PTEN-I33S-r YIYPNISAM	100	72
>PTEN-I33S- $\lambda$ YIYPNIIA	25	>PTEN-I33S-r YIYPNISA	10	15
>PTEN-I33S- $\lambda$ YIYPNIIAM	29	>PTEN-I33S-r YIYPNISAM	9	20
>PTEN-I33S- $\lambda$ YIYPNIIAMGF	464	>PTEN-I33S-r YIYPNISAMG	260	204
>PTEN-I33S- $\lambda$ YIYPNIIA	21	>PTEN-I33S-r YIYPNISA	10	11
>PTEN-I33S- $\lambda$ YIYPNIIAM	8	>PTEN-I33S-r YIYPNISAM	12	4
>PTEN-I33S- $\lambda$ YIYPNIIAMGF	31	>PTEN-I33S-r YIYPNISAMG	31	0
>PTEN-I33S- $\lambda$ YIYPNIIA	17	>PTEN-I33S-r YIYPNISA	5	12
>PTEN-I33S- $\lambda$ YIYPNIIAM	4	>PTEN-I33S-r YIYPNISAM	5	1
>PTEN-I33S- $\lambda$ YIYPNIIAMG	49	>PTEN-I33S-r YIYPNISAMG	127	78
>PTEN-I33S- $\lambda$ YIYPNIIAMGF	73	>PTEN-I33S-r YIYPNISAMG	100	27
>PTEN-I33S- $\lambda$ YIYPNIIA	129	>PTEN-I33S-r YIYPNISA	68	61
>PTEN-I33S- $\lambda$ YIYPNIIAM	21	>PTEN-I33S-r YIYPNISAM	25	4
>PTEN-I33S- $\lambda$ YIYPNIIA	53	>PTEN-I33S-r YIYPNISA	33	20
>PTEN-I33S- $\lambda$ YIYPNIIAM	72	>PTEN-I33S-r YIYPNISAM	219	147
>PTEN-I33S- $\lambda$ YIYPNIIA	1165	>PTEN-I33S-r YIYPNISA	418	747
>PTEN-I33S- $\lambda$ YIYPNIIAM	117	>PTEN-I33S-r YIYPNISAM	127	10
>PTEN-I33S- $\lambda$ YIYPNIIA	11	>PTEN-I33S-r YIYPNISA	5	6
>PTEN-I33S- $\lambda$ YIYPNIIAM	6	>PTEN-I33S-r YIYPNISAM	6	0

>PTEN-I33S- $\backslash$ YIYPNIIAMGF	338	>PTEN-I33S-r YIYPNISAMG	342	4
>PTEN-I33S- $\backslash$ YIYPNIIAMGF	133	>PTEN-I33S-r YIYPNISAMG	156	23
>PTEN-I33S- $\backslash$ YIYPNIIAM	959	>PTEN-I33S-r YIYPNISAM	252	707
>PTEN-I33S- $\backslash$ YIYPNIIAM	108	>PTEN-I33S-r YIYPNISAM	24	84
>PTEN-I33S- $\backslash$ YIYPNIIAMGF	214	>PTEN-I33S-r YIYPNISAMG	172	42
>PTEN-I33S- $\backslash$ YIYPNIIAM	26	>PTEN-I33S-r YIYPNISAM	11	15
>PTEN-I33S- $\backslash$ YIYPNIIAMGF	417	>PTEN-I33S-r YIYPNISAMG	260	157
>PTEN-I33S- $\backslash$ YIYPNIIAMGF	92	>PTEN-I33S-r YIYPNISAMG	151	59
>PTEN-I33S- $\backslash$ YIYPNIIAMGF	311	>PTEN-I33S-r YIYPNISAMG	1040	729
>PTEN-I33S- $\backslash$ YIYPNIIA	921	>PTEN-I33S-r YIYPNISA	344	577
>PTEN-I33S- $\backslash$ YIYPNIIA	616	>PTEN-I33S-r YIYPNISA	138	478
>PTEN-I33S- $\backslash$ YIYPNIIAM	40	>PTEN-I33S-r YIYPNISAM	89	49
>PTEN-I33S- $\backslash$ YIYPNIIAM	1072	>PTEN-I33S-r YIYPNISAM	259	813
>PTEN-I33S- $\backslash$ YIYPNIIAM	69	>PTEN-I33S-r YIYPNISAM	42	27
>PTEN-I33S- $\backslash$ YIYPNIIAMGF	63	>PTEN-I33S-r YIYPNISAMG	43	20
>PTEN-I33S- $\backslash$ YIYPNIIAM	187	>PTEN-I33S-r YIYPNISAM	52	135
>PTEN-I33S- $\backslash$ YIYPNIIAMGF	93	>PTEN-I33S-r YIYPNISAMG	44	49
>PTEN-I33S- $\backslash$ YIYPNIIAM	35	>PTEN-I33S-r YIYPNISAM	17	18
>PTEN-I33S- $\backslash$ YIYPNIIAMGF	16	>PTEN-I33S-r YIYPNISAMG	8	8
>PTEN-I33S- $\backslash$ YIYPNIIAM	51	>PTEN-I33S-r YIYPNISAM	17	34
>PTEN-I33S- $\backslash$ YIYPNIIAMGF	8	>PTEN-I33S-r YIYPNISAMG	5	3
>PTEN-I33S- $\backslash$ YIYPNIIAM	22	>PTEN-I33S-r YIYPNISAM	25	3
>PTEN-I33S- $\backslash$ YIYPNIIAMGF	173	>PTEN-I33S-r YIYPNISAMG	188	15
>PTEN-I33S- $\backslash$ YIYPNIIAM	197	>PTEN-I33S-r YIYPNISAM	347	150
>PTEN-I33S- $\backslash$ YIYPNIIAM	672	>PTEN-I33S-r YIYPNISAM	128	544
>PTEN-I33S- $\backslash$ YIYPNIIAM	2549	>PTEN-I33S-r YIYPNISAM	68	2481
>PTEN-I33S- $\backslash$ YIYPNIIAMGF	701	>PTEN-I33S-r YIYPNISAMG	273	428
>PTEN-I33S- $\backslash$ TYIYPNII	422	>PTEN-I33S-r TYIYPNIS	29793	29371
>PTEN-I33S- $\backslash$ TYIYPNIIAM	2120	>PTEN-I33S-r TYIYPNISAM	125	1995
>PTEN-I33S- $\backslash$ TYIYPNII	64	>PTEN-I33S-r TYIYPNIS	10426	10362
>PTEN-I33S- $\backslash$ TYIYPNII	128	>PTEN-I33S-r TYIYPNIS	10251	10123
>PTEN-I33S- $\backslash$ TYIYPNII	64	>PTEN-I33S-r TYIYPNIS	12654	12590
>PTEN-I33S- $\backslash$ TYIYPNIIAM	317	>PTEN-I33S-r TYIYPNISAM	285	32
>PTEN-I33S- $\backslash$ TYIYPNIIAM	36	>PTEN-I33S-r TYIYPNISAM	19	17
>PTEN-I33S- $\backslash$ TYIYPNIIAM	641	>PTEN-I33S-r TYIYPNISAM	392	249
>PTEN-I33S- $\backslash$ LTYIYPNII	234	>PTEN-I33S-r LTYIYPNIS	3696	3462
>PTEN-I33S- $\backslash$ LTYIYPNIIAM	69	>PTEN-I33S-r LTYIYPNISAM	57	12
>PTEN-I33S- $\backslash$ LTYIYPNII	435	>PTEN-I33S-r LTYIYPNIS	27935	27500
>PTEN-I33S- $\backslash$ LTYIYPNIIA	669	>PTEN-I33S-r LTYIYPNISA	198	471
>PTEN-I33S- $\backslash$ LTYIYPNII	431	>PTEN-I33S-r LTYIYPNIS	10290	9859
>PTEN-I33S- $\backslash$ LTYIYPNIIA	819	>PTEN-I33S-r LTYIYPNISA	221	598
>PTEN-I33S- $\backslash$ LTYIYPNIIA	368	>PTEN-I33S-r LTYIYPNISA	123	245
>PTEN-I33S- $\backslash$ LTYIYPNIIAM	239	>PTEN-I33S-r LTYIYPNISAM	342	103

>PTEN-I33S-v LTYIYPNIIAM	320	>PTEN-I33S-r LTYIYPNISAM	172	148
>PTEN-I33S-v LTYIYPNIIA	118	>PTEN-I33S-r LTYIYPNISA	45	73
>PTEN-I33S-v LTYIYPNIIAM	326	>PTEN-I33S-r LTYIYPNISAM	568	242
>PTEN-I33S-v LTYIYPNIIAM	368	>PTEN-I33S-r LTYIYPNISAM	207	161
>PTEN-I33S-v LTYIYPNIIAM	98	>PTEN-I33S-r LTYIYPNISAM	54	44
>PTEN-I33S-v LTYIYPNII	33	>PTEN-I33S-r LTYIYPNIS	4872	4839
>PTEN-I33S-v LTYIYPNIIAM	5	>PTEN-I33S-r LTYIYPNISAM	4	1
>PTEN-I33S-v LTYIYPNIIAM	134	>PTEN-I33S-r LTYIYPNISAM	165	31
>PTEN-I33S-v LTYIYPNII	167	>PTEN-I33S-r LTYIYPNIS	3344	3177
>PTEN-I33S-v LTYIYPNIIAM	111	>PTEN-I33S-r LTYIYPNISAM	147	36
>PTEN-I33S-v LTYIYPNII	126	>PTEN-I33S-r LTYIYPNIS	2123	1997
>PTEN-I33S-v LTYIYPNIIA	136	>PTEN-I33S-r LTYIYPNISA	105	31
>PTEN-I33S-v LTYIYPNIIAM	74	>PTEN-I33S-r LTYIYPNISAM	9	65
>PTEN-I33S-v LTYIYPNII	12	>PTEN-I33S-r LTYIYPNIS	16562	16550
>PTEN-I33S-v LTYIYPNIIAM	147	>PTEN-I33S-r LTYIYPNISAM	89	58
>PTEN-I5L-wi IIKEIVSRNK	201	>PTEN-I5L-m ILKEIVSRNK	135	66
>PTEN-I5L-wi IIKEIVSRNK	31	>PTEN-I5L-m ILKEIVSRNK	80	49
>PTEN-I5L-wi IIKEIVSR	30	>PTEN-I5L-m ILKEIVSR	30	0
>PTEN-I5L-wi IIKEIVSRNKR	24	>PTEN-I5L-m ILKEIVSRNKR	24	0
>PTEN-I5L-wi IIKEIVSR	71	>PTEN-I5L-m ILKEIVSR	69	2
>PTEN-I5L-wi IIKEIVSRNKR	117	>PTEN-I5L-m ILKEIVSRNKR	119	2
>PTEN-I5L-wi IIKEIVSR	66	>PTEN-I5L-m ILKEIVSR	206	140
>PTEN-I5L-wi IIKEIVSRNKR	40	>PTEN-I5L-m ILKEIVSRNKR	149	109
>PTEN-I5L-wi IIKEIVSR	184	>PTEN-I5L-m ILKEIVSR	272	88
>PTEN-I5L-wi AIIKEIVSRNK	271	>PTEN-I5L-m AILKEIVSRNK	147	124
>PTEN-I5L-wi AIIKEIVSRNK	59	>PTEN-I5L-m AILKEIVSRNK	73	14
>PTEN-I5L-wi AIIKEIVSRNK	360	>PTEN-I5L-m AILKEIVSRNK	95	265
>PTEN-I5L-wi AIIKEIVSR	388	>PTEN-I5L-m AILKEIVSR	231	157
>PTEN-I5L-wi AIIKEIVSR	131	>PTEN-I5L-m AILKEIVSR	960	829
>PTEN-I5L-wi AIIKEIVSR	326	>PTEN-I5L-m AILKEIVSR	209	117
>PTEN-I5L-wi TAIKEIVSR	406	>PTEN-I5L-m TAILKEIVSR	375	31
>PTEN-I5L-wi TAIKEIVSR	24	>PTEN-I5L-m TAILKEIVSR	44	20
>PTEN-I5L-wi TAIKEIV	224	>PTEN-I5L-m TAILKEIV	276	52
>PTEN-I5L-wi MTAIKEI	121	>PTEN-I5L-m MTAILKEI	228	107
>PTEN-I5L-wi MTAIKEIV	86	>PTEN-I5L-m MTAILKEIV	249	163
>PTEN-I5L-wi MTAIKEIVSR	373	>PTEN-I5L-m MTAILKEIVSF	414	41
>PTEN-I5L-wi MTAIKEIVSR	22	>PTEN-I5L-m MTAILKEIVSF	23	1
>PTEN-I5L-wi MTAIKEIVSR	145	>PTEN-I5L-m MTAILKEIVSF	193	48
>PTEN-I5L-wi MTAIKEIVSR	2	>PTEN-I5L-m MTAILKEIVSF	3	1
>PTEN-I5L-wi MTAIKEI	6	>PTEN-I5L-m MTAILKEI	9	3
>PTEN-I5L-wi MTAIKEIV	5	>PTEN-I5L-m MTAILKEIV	7	2
>PTEN-I5L-wi MTAIKEI	286	>PTEN-I5L-m MTAILKEI	333	47
>PTEN-I5L-wi MTAIKEIV	129	>PTEN-I5L-m MTAILKEIV	177	48

>PTEN-I5L-wi MTAIIKEI	94	>PTEN-I5L-m MTAILKEI	66	28
>PTEN-I5L-wi MTAIIKEIV	155	>PTEN-I5L-m MTAILKEIV	186	31
>PTEN-I5L-wi MTAIIKEIVSR	684	>PTEN-I5L-m MTAILKEIVSF	426	258
>PTEN-I5L-wi MTAIIKEIVSR	379	>PTEN-I5L-m MTAILKEIVSF	382	3
>PTEN-I5L-wi MTAIIKEI	29	>PTEN-I5L-m MTAILKEI	36	7
>PTEN-I67K-i IYNLCAERHY	43	>PTEN-I67K-r KYNLCAERHY	101	58
>PTEN-I67K-i IYNLCAERHY	212	>PTEN-I67K-r KYNLCAERHY	292	80
>PTEN-I67K-i IYNLCAER	36	>PTEN-I67K-r KYNLCAER	12	24
>PTEN-I67K-i IYNLCAER	62	>PTEN-I67K-r KYNLCAER	900	838
>PTEN-I67K-i IYNLCAERHY	1448	>PTEN-I67K-r KYNLCAERHY	415	1033
>PTEN-I67K-i IYNLCAER	55	>PTEN-I67K-r KYNLCAER	17	38
>PTEN-I67K-i KIYNLCAER	78	>PTEN-I67K-r KKYNLCAER	16563	16485
>PTEN-I67K-i KIYNLCAERH'	107	>PTEN-I67K-r KKYNLCAERH	16826	16719
>PTEN-I67K-i KIYNLCAER	157	>PTEN-I67K-r KKYNLCAER	19075	18918
>PTEN-I67K-i KIYNLCAERH'	233	>PTEN-I67K-r KKYNLCAERH	3514	3281
>PTEN-I67K-i KIYNLCAERH'	59	>PTEN-I67K-r KKYNLCAERH	326	267
>PTEN-I67K-i KIYNLCAER	10	>PTEN-I67K-r KKYNLCAER	187	177
>PTEN-I67K-i KIYNLCAER	119	>PTEN-I67K-r KKYNLCAER	2894	2775
>PTEN-I67K-i KIYNLCAERH'	233	>PTEN-I67K-r KKYNLCAERH	3477	3244
>PTEN-I67K-i KIYNLCAERH'	76	>PTEN-I67K-r KKYNLCAERH	1969	1893
>PTEN-I67K-i KIYNLCAER	4568	>PTEN-I67K-r KKYNLCAER	100	4468
>PTEN-I67K-i KIYNLCAERH	11176	>PTEN-I67K-r KKYNLCAERH	340	10836
>PTEN-I67K-i KIYNLCAERH'	226	>PTEN-I67K-r KKYNLCAERH	4	222
>PTEN-I67K-i KIYNLCAERH'	132	>PTEN-I67K-r KKYNLCAERH	7420	7288
>PTEN-I67K-i KIYNLCAERH'	453	>PTEN-I67K-r KKYNLCAERH	1634	1181
>PTEN-I67K-i KIYNLCAER	40	>PTEN-I67K-r KKYNLCAER	154	114
>PTEN-I67K-i LDSKHKNHYK	229	>PTEN-I67K-r LDSKHKNHYK	22776	22547
>PTEN-I67K-i YKIYNLCA	112	>PTEN-I67K-r YKKYNLCA	169	57
>PTEN-I67K-i YKIYNLCAE	469	>PTEN-I67K-r YKKYNLCAE	625	156
>PTEN-I67K-i YKIYNLCAER	117	>PTEN-I67K-r YKKYNLCAER	160	43
>PTEN-I67K-i YKIYNLCAERf	301	>PTEN-I67K-r YKKYNLCAER	433	132
>PTEN-I67K-i HYKIYNLC	616	>PTEN-I67K-r HYKKYNLC	406	210
>PTEN-I67K-i HYKIYNLCA	22	>PTEN-I67K-r HYKKYNLCA	16	6
>PTEN-I67K-i HYKIYNLCAEI	120	>PTEN-I67K-r HYKKYNLCAE	82	38
>PTEN-I67K-i HYKIYNLCAEI	9	>PTEN-I67K-r HYKKYNLCAE	9	0
>PTEN-I67K-i HYKIYNLCAEI	13	>PTEN-I67K-r HYKKYNLCAE	14	1
>PTEN-I67K-i HYKIYNLCAEI	272	>PTEN-I67K-r HYKKYNLCAE	321	49
>PTEN-I67K-i HYKIYNLCAEI	26	>PTEN-I67K-r HYKKYNLCAE	22	4
>PTEN-I67K-i NHYKIYNL	145	>PTEN-I67K-r NHYKKYNL	135	10
>PTEN-I67K-i NHYKIYNL	67	>PTEN-I67K-r NHYKKYNL	202	135
>PTEN-I67K-i KNHYKIYNLC	497	>PTEN-I67K-r KNHYKKYNLC	628	131
>PTEN-I67K-i HKNHYKIY	7	>PTEN-I67K-r HKNHYKKY	12	5
>PTEN-I67K-i HKNHYKIYNL	68	>PTEN-I67K-r HKNHYKKYNI	109	41

>PTEN-I67K-1 KHKNHYKI	1305	>PTEN-I67K-1 KHKNHYKK	51	1254
>PTEN-I67K-1 KHKNHYKI	15829	>PTEN-I67K-1 KHKNHYKK	398	15431
>PTEN-I67K-1 KHKNHYKIY	10	>PTEN-I67K-1 KHKNHYKKY	28	18
>PTEN-I67K-1 KHKNHYKIYN	206	>PTEN-I67K-1 KHKNHYKKY	453	247
>PTEN-I67K-1 SKHKNHYKI	4236	>PTEN-I67K-1 SKHKNHYKK	217	4019
>PTEN-I67K-1 SKHKNHYKI	129	>PTEN-I67K-1 SKHKNHYKK	1254	1125
>PTEN-I67K-1 SKHKNHYKIY	6	>PTEN-I67K-1 SKHKNHYKKY	11	5
>PTEN-I67K-1 DSKHKNHYKI	5053	>PTEN-I67K-1 DSKHKNHYKI	371	4682
>PTEN-I67R-1 IYNLCAERHY	43	>PTEN-I67R-1 RYNLCAERHY	70	27
>PTEN-I67R-1 IYNLCAERHY	212	>PTEN-I67R-1 RYNLCAERHY	111	101
>PTEN-I67R-1 IYNLCAER	36	>PTEN-I67R-1 RYNLCAER	10	26
>PTEN-I67R-1 IYNLCAER	62	>PTEN-I67R-1 RYNLCAER	469	407
>PTEN-I67R-1 IYNLCAERHY	1448	>PTEN-I67R-1 RYNLCAERHY	305	1143
>PTEN-I67R-1 IYNLCAER	55	>PTEN-I67R-1 RYNLCAER	20	35
>PTEN-I67R-1 KIYNLCAER	78	>PTEN-I67R-1 KRYNLCAER	17927	17849
>PTEN-I67R-1 KIYNLCAERH'	107	>PTEN-I67R-1 KRYNLCAERH	18448	18341
>PTEN-I67R-1 KIYNLCAER	157	>PTEN-I67R-1 KRYNLCAER	20297	20140
>PTEN-I67R-1 KIYNLCAERH'	233	>PTEN-I67R-1 KRYNLCAERH	3328	3095
>PTEN-I67R-1 KIYNLCAERH'	59	>PTEN-I67R-1 KRYNLCAERH	311	252
>PTEN-I67R-1 KIYNLCAER	10	>PTEN-I67R-1 KRYNLCAER	418	408
>PTEN-I67R-1 KIYNLCAER	119	>PTEN-I67R-1 KRYNLCAER	4504	4385
>PTEN-I67R-1 KIYNLCAERH'	233	>PTEN-I67R-1 KRYNLCAERH	2375	2142
>PTEN-I67R-1 KIYNLCAERH'	76	>PTEN-I67R-1 KRYNLCAERH	4938	4862
>PTEN-I67R-1 KIYNLCAERH'	226	>PTEN-I67R-1 KRYNLCAERH	21	205
>PTEN-I67R-1 KIYNLCAERH'	132	>PTEN-I67R-1 KRYNLCAERH	12553	12421
>PTEN-I67R-1 KIYNLCAER	18547	>PTEN-I67R-1 KRYNLCAER	138	18409
>PTEN-I67R-1 KIYNLCAERH	29079	>PTEN-I67R-1 KRYNLCAERH	155	28924
>PTEN-I67R-1 KIYNLCAERH'	15575	>PTEN-I67R-1 KRYNLCAERH	99	15476
>PTEN-I67R-1 KIYNLCAERH'	453	>PTEN-I67R-1 KRYNLCAERH	1705	1252
>PTEN-I67R-1 KIYNLCAER	21777	>PTEN-I67R-1 KRYNLCAER	176	21601
>PTEN-I67R-1 KIYNLCAERH'	17120	>PTEN-I67R-1 KRYNLCAERH	197	16923
>PTEN-I67R-1 KIYNLCAER	20781	>PTEN-I67R-1 KRYNLCAER	270	20511
>PTEN-I67R-1 KIYNLCAERH'	19538	>PTEN-I67R-1 KRYNLCAERH	362	19176
>PTEN-I67R-1 KIYNLCAER	40	>PTEN-I67R-1 KRYNLCAER	112	72
>PTEN-I67R-1 LDSKHKNHYK	229	>PTEN-I67R-1 LDSKHKNHYK	25726	25497
>PTEN-I67R-1 YKIYNLCA	112	>PTEN-I67R-1 YKRYNLCA	80	32
>PTEN-I67R-1 YKIYNLCAE	469	>PTEN-I67R-1 YKRYNLCAE	296	173
>PTEN-I67R-1 YKIYNLCAER	117	>PTEN-I67R-1 YKRYNLCAER	81	36
>PTEN-I67R-1 YKIYNLCAERH	301	>PTEN-I67R-1 YKRYNLCAER	185	116
>PTEN-I67R-1 HYKIYNLC	616	>PTEN-I67R-1 HYKRYNLC	172	444
>PTEN-I67R-1 HYKIYNLCA	22	>PTEN-I67R-1 HYKRYNLCA	10	12
>PTEN-I67R-1 HYKIYNLCAE	1095	>PTEN-I67R-1 HYKRYNLCAE	352	743
>PTEN-I67R-1 HYKIYNLCAEI	120	>PTEN-I67R-1 HYKRYNLCAE	46	74

>PTEN-I67R-I HYKIYNLCAEI	9	>PTEN-I67R-I HYKRYNLCAE	8	1
>PTEN-I67R-I HYKIYNLCAEI	13	>PTEN-I67R-I HYKRYNLCAE	13	0
>PTEN-I67R-I HYKIYNLCAEI	272	>PTEN-I67R-I HYKRYNLCAE	358	86
>PTEN-I67R-I HYKIYNLCAEI	26	>PTEN-I67R-I HYKRYNLCAE	35	9
>PTEN-I67R-I NHYKIYNL	145	>PTEN-I67R-I NHYKRYNL	137	8
>PTEN-I67R-I NHYKIYNL	67	>PTEN-I67R-I NHYKRYNL	86	19
>PTEN-I67R-I KNHYKIYNL	1185	>PTEN-I67R-I KNHYKRYNL	396	789
>PTEN-I67R-I KNHYKIYNLC	497	>PTEN-I67R-I KNHYKRYNLC	227	270
>PTEN-I67R-I KNHYKIYNL	1052	>PTEN-I67R-I KNHYKRYNL	301	751
>PTEN-I67R-I HKNHYKIY	7	>PTEN-I67R-I HKNHYKRY	17	10
>PTEN-I67R-I HKNHYKIYNL	68	>PTEN-I67R-I HKNHYKRYNI	75	7
>PTEN-I67R-I KHKNHYKI	15829	>PTEN-I67R-I KHKNHYKR	21	15808
>PTEN-I67R-I KHKNHYKIY	10	>PTEN-I67R-I KHKNHYKRY	47	37
>PTEN-I67R-I KHKNHYKIYN	206	>PTEN-I67R-I KHKNHYKRYN	312	106
>PTEN-I67R-I KHKNHYKI	25878	>PTEN-I67R-I KHKNHYKR	63	25815
>PTEN-I67R-I SKHKNHYKI	129	>PTEN-I67R-I SKHKNHYKR	1066	937
>PTEN-I67R-I SKHKNHYKIY	6	>PTEN-I67R-I SKHKNHYKRY	14	8
>PTEN-I67R-I SKHKNHYKI	24431	>PTEN-I67R-I SKHKNHYKR	141	24290
>PTEN-I67R-I DSKHKNHYKI	858	>PTEN-I67R-I DSKHKNHYKR	486	372
>PTEN-I67R-I DSKHKNHYKI	16400	>PTEN-I67R-I DSKHKNHYKR	91	16309
>PTEN-I67R-I DSKHKNHYKI	26148	>PTEN-I67R-I DSKHKNHYKR	323	25825
>PTEN-I67R-I DSKHKNHYKI	1306	>PTEN-I67R-I DSKHKNHYKR	326	980
>PTEN-K125E KAGKGRTGV	13737	>PTEN-K125E EAGKGRTGV	183	13554
>PTEN-K125E KAGKGRTGV	9479	>PTEN-K125E EAGKGRTGV	98	9381
>PTEN-K125E KAGKGRTGVI	135	>PTEN-K125E EAGKGRTGVI	1916	1781
>PTEN-K125E HCKAGKGR	345	>PTEN-K125E HCEAGKGR	528	183
>PTEN-K125E AIHCKAGK	243	>PTEN-K125E AIHCEAGK	620	377
>PTEN-K125E AIHCKAGK	221	>PTEN-K125E AIHCEAGK	233	12
>PTEN-K125E AIHCKAGK	29	>PTEN-K125E AIHCEAGK	70	41
>PTEN-K125E AIHCKAGKGF	407	>PTEN-K125E AIHCEAGKGF	1442	1035
>PTEN-K125E AAHCKAGK	252	>PTEN-K125E AAHCEAGK	264	12
>PTEN-K125E AAHCKAGKC	447	>PTEN-K125E AAHCEAGKC	1262	815
>PTEN-K125E VAAHCKAGK	459	>PTEN-K125E VAAHCEAGK	429	30
>PTEN-K125E HVAAIHCKA	289	>PTEN-K125E HVAAIHCEA	77	212
>PTEN-K125E HVAAIHCK	130	>PTEN-K125E HVAAIHCE	17978	17848
>PTEN-K125E HVAAIHCKAC	90	>PTEN-K125E HVAAIHCEAC	128	38
>PTEN-K125E HVAAIHCK	50	>PTEN-K125E HVAAIHCE	20042	19992
>PTEN-K125E HVAAIHCKAC	114	>PTEN-K125E HVAAIHCEAC	126	12
>PTEN-K125E HVAAIHCK	74	>PTEN-K125E HVAAIHCE	12608	12534
>PTEN-K125E HVAAIHCKA	304	>PTEN-K125E HVAAIHCEA	196	108
>PTEN-K125E HVAAIHCKAC	64	>PTEN-K125E HVAAIHCEAC	97	33
>PTEN-K125E HVAAIHCK	223	>PTEN-K125E HVAAIHCE	11292	11069
>PTEN-K125E HVAAIHCKAC	185	>PTEN-K125E HVAAIHCEAC	491	306

>PTEN-K125E HVAAIHCK	5	>PTEN-K125E HVAAIHCE	1063	1058
>PTEN-K125E HVAAIHCKAC	7	>PTEN-K125E HVAAIHCEAC	6	1
>PTEN-K125E HVAAIHCKA	12	>PTEN-K125E HVAAIHCEA	7	5
>PTEN-K125E HVAAIHCKA	480	>PTEN-K125E HVAAIHCEA	291	189
>PTEN-K125I KAGKGRTGVI	135	>PTEN-K125I NAGKGRTGV	1113	978
>PTEN-K125I HCKAGKGR	345	>PTEN-K125I HCNAGKGR	432	87
>PTEN-K125I AIHCKAGK	243	>PTEN-K125I AIHCNAGK	254	11
>PTEN-K125I AIHCKAGK	221	>PTEN-K125I AIHCNAGK	158	63
>PTEN-K125I AIHCKAGK	29	>PTEN-K125I AIHCNAGK	17	12
>PTEN-K125I AIHCKAGKGF	407	>PTEN-K125I AIHCNAGKGF	450	43
>PTEN-K125I AAHCKAGK	252	>PTEN-K125I AAHCNAGK	143	109
>PTEN-K125I AAHCKAGKC	447	>PTEN-K125I AAHCNAGKC	701	254
>PTEN-K125I VAAIHCKAGK	459	>PTEN-K125I VAAIHCNAGI	252	207
>PTEN-K125I HVAAIHCKA	289	>PTEN-K125I HVAAIHCNA	148	141
>PTEN-K125I HVAAIHCK	130	>PTEN-K125I HVAAIHCN	17783	17653
>PTEN-K125I HVAAIHCKAC	90	>PTEN-K125I HVAAIHCNAC	89	1
>PTEN-K125I HVAAIHCK	50	>PTEN-K125I HVAAIHCN	18985	18935
>PTEN-K125I HVAAIHCKAC	114	>PTEN-K125I HVAAIHCNAC	91	23
>PTEN-K125I HVAAIHCK	74	>PTEN-K125I HVAAIHCN	10642	10568
>PTEN-K125I HVAAIHCKA	304	>PTEN-K125I HVAAIHCNA	124	180
>PTEN-K125I HVAAIHCKAC	64	>PTEN-K125I HVAAIHCNAC	34	30
>PTEN-K125I HVAAIHCK	223	>PTEN-K125I HVAAIHCN	11921	11698
>PTEN-K125I HVAAIHCKAC	185	>PTEN-K125I HVAAIHCNAC	304	119
>PTEN-K125I HVAAIHCK	5	>PTEN-K125I HVAAIHCN	1466	1461
>PTEN-K125I HVAAIHCKAC	7	>PTEN-K125I HVAAIHCNAC	5	2
>PTEN-K125I HVAAIHCKA	12	>PTEN-K125I HVAAIHCNA	9	3
>PTEN-K125I HVAAIHCKA	480	>PTEN-K125I HVAAIHCNA	219	261
>PTEN-K128I KGRTGVMI	29	>PTEN-K128I NGRTGVMI	5585	5556
>PTEN-K128I KGRTGVMIC	365	>PTEN-K128I NGRTGVMIC	13442	13077
>PTEN-K128I KGRTGVMIC/	21	>PTEN-K128I NGRTGVMIC/	5907	5886
>PTEN-K128I KGRTGVMIC/	38	>PTEN-K128I NGRTGVMIC/	7308	7270
>PTEN-K128I KGRTGVMIC/	314	>PTEN-K128I NGRTGVMIC/	2692	2378
>PTEN-K128I KGRTGVMIC/	165	>PTEN-K128I NGRTGVMIC/	428	263
>PTEN-K128I KGRTGVMIC/	174	>PTEN-K128I NGRTGVMIC/	1689	1515
>PTEN-K128I KGRTGVMIC/	135	>PTEN-K128I NGRTGVMIC/	5446	5311
>PTEN-K128I GKRTGVMI	308	>PTEN-K128I GNGRTGVMI	11882	11574
>PTEN-K128I HVAAIHCKAC	90	>PTEN-K128I HVAAIHCKAC	16740	16650
>PTEN-K128I HVAAIHCKAC	114	>PTEN-K128I HVAAIHCKAC	24699	24585
>PTEN-K128I HVAAIHCKAC	64	>PTEN-K128I HVAAIHCKAC	10577	10513
>PTEN-K128I HVAAIHCKAC	185	>PTEN-K128I HVAAIHCKAC	13778	13593
>PTEN-K128I HVAAIHCKAC	7	>PTEN-K128I HVAAIHCKAC	2232	2225
>PTEN-K128I KAGKGRTGV	1071	>PTEN-K128I KAGNGRTGV	363	708
>PTEN-K128I KAGKGRTGVI	135	>PTEN-K128I KAGNGRTGV	112	23

>PTEN-K128I HCKAGKGR	345	>PTEN-K128I HCKAGNGR	353	8
>PTEN-K128I AIHCKAGK	243	>PTEN-K128I AIHCKAGN	20229	19986
>PTEN-K128I AIHCKAGK	221	>PTEN-K128I AIHCKAGN	24375	24154
>PTEN-K128I AIHCKAGK	29	>PTEN-K128I AIHCKAGN	9409	9380
>PTEN-K128I AIHCKAGKGF	407	>PTEN-K128I AIHCKAGNGF	253	154
>PTEN-K128I AAIHCKAGK	252	>PTEN-K128I AAIHCKAGN	26843	26591
>PTEN-K128I AAIHCKAGKC	447	>PTEN-K128I AAIHCKAGNC	303	144
>PTEN-K128I AAIHCKAGKC	719	>PTEN-K128I AAIHCKAGNC	285	434
>PTEN-K128I VAAIHCKAGK	459	>PTEN-K128I VAAIHCKAGN	31990	31531
>PTEN-K13E- KRRYQEDGF	93	>PTEN-K13E- ERRYQEDGF	639	546
>PTEN-K13E- KRRYQEDGFI	327	>PTEN-K13E- ERRYQEDGFI	2169	1842
>PTEN-K13E- KRRYQEDG	266	>PTEN-K13E- ERRYQEDG	9651	9385
>PTEN-K13E- KRRYQEDGF	233	>PTEN-K13E- ERRYQEDGF	3499	3266
>PTEN-K13E- KRRYQEDGFI	203	>PTEN-K13E- ERRYQEDGFI	3376	3173
>PTEN-K13E- KRRYQEDGFI	45	>PTEN-K13E- ERRYQEDGFI	842	797
>PTEN-K13E- NKRRYQEDG	55	>PTEN-K13E- NERRYQEDG	1398	1343
>PTEN-K13E- AIIKEIVSRNK	271	>PTEN-K13E- AIIKEIVSRNE	20918	20647
>PTEN-K13E- AIIKEIVSRNK	59	>PTEN-K13E- AIIKEIVSRNE	25757	25698
>PTEN-K13E- AIIKEIVSRNK	360	>PTEN-K13E- AIIKEIVSRNE	15910	15550
>PTEN-K13E- RNKRRYQEDG	317	>PTEN-K13E- RNERRYQEDG	3007	2690
>PTEN-K13E- VSRNKRRYQ	113	>PTEN-K13E- VSRNERRYQ	295	182
>PTEN-K13E- VSRNKRRY	155	>PTEN-K13E- VSRNERRY	122	33
>PTEN-K13E- VSRNKRRY	7	>PTEN-K13E- VSRNERRY	9	2
>PTEN-K13E- VSRNKRRY	919	>PTEN-K13E- VSRNERRY	437	482
>PTEN-K13E- IVSRNKRRY	157	>PTEN-K13E- IVSRNERRY	138	19
>PTEN-K13E- IVSRNKRR	225	>PTEN-K13E- IVSRNERR	420	195
>PTEN-K13E- IVSRNKRR	128	>PTEN-K13E- IVSRNERR	37	91
>PTEN-K13E- EIVSRNKRRY	13	>PTEN-K13E- EIVSRNERRY	8	5
>PTEN-K13E- EIVSRNKRRY	313	>PTEN-K13E- EIVSRNERRY	302	11
>PTEN-K13E- EIVSRNKR	155	>PTEN-K13E- EIVSRNER	83	72
>PTEN-K13E- EIVSRNKRR	356	>PTEN-K13E- EIVSRNERR	222	134
>PTEN-K13E- EIVSRNKR	8	>PTEN-K13E- EIVSRNER	5	3
>PTEN-K13E- EIVSRNKRR	20	>PTEN-K13E- EIVSRNERR	6	14
>PTEN-K13E- EIVSRNKR	258	>PTEN-K13E- EIVSRNER	571	313
>PTEN-K13E- EIVSRNKRR	226	>PTEN-K13E- EIVSRNERR	453	227
>PTEN-K13E- KEIVSRNKR	538	>PTEN-K13E- KEIVSRNER	438	100
>PTEN-K13E- KEIVSRNKRR	632	>PTEN-K13E- KEIVSRNERR	496	136
>PTEN-K13E- KEIVSRNKRR	321	>PTEN-K13E- KEIVSRNERR	346	25
>PTEN-K13E- KEIVSRNKRR	358	>PTEN-K13E- KEIVSRNERR	701	343
>PTEN-K13E- IIKEIVSRNK	201	>PTEN-K13E- IIKEIVSRNE	23789	23588
>PTEN-K13E- IIKEIVSRNK	31	>PTEN-K13E- IIKEIVSRNE	10715	10684
>PTEN-K13E- IIKEIVSRNKR	24	>PTEN-K13E- IIKEIVSRNER	22	2
>PTEN-K13E- IIKEIVSRNKR	117	>PTEN-K13E- IIKEIVSRNER	75	42



>PTEN-K13E- IIKEIVSRNKR	40	>PTEN-K13E- IIKEIVSRNER	33	7
>PTEN-K13Q: KRRYQEDGF	93	>PTEN-K13Q: QRRYQEDGF	193	100
>PTEN-K13Q: KRRYQEDGFI	327	>PTEN-K13Q: QRRYQEDGFI	704	377
>PTEN-K13Q: KRRYQEDG	266	>PTEN-K13Q: QRRYQEDG	6501	6235
>PTEN-K13Q: KRRYQEDGF	233	>PTEN-K13Q: QRRYQEDGF	1532	1299
>PTEN-K13Q: KRRYQEDGFI	203	>PTEN-K13Q: QRRYQEDGFI	1470	1267
>PTEN-K13Q: KRRYQEDGFI	45	>PTEN-K13Q: QRRYQEDGFI	260	215
>PTEN-K13Q: NKRRYQEDG	16551	>PTEN-K13Q: NQRRYQEDG	297	16254
>PTEN-K13Q: NKRRYQEDG	55	>PTEN-K13Q: NQRRYQEDG	53	2
>PTEN-K13Q: AIIKEIVSRNK	271	>PTEN-K13Q: AIIKEIVSRNQ	19918	19647
>PTEN-K13Q: AIIKEIVSRNK	59	>PTEN-K13Q: AIIKEIVSRNQ	25021	24962
>PTEN-K13Q: AIIKEIVSRNK	360	>PTEN-K13Q: AIIKEIVSRNQ	11455	11095
>PTEN-K13Q: RNKRRYQEDG	317	>PTEN-K13Q: RNQRRYQED	659	342
>PTEN-K13Q: VSRNKRRY	685	>PTEN-K13Q: VSRNQRRY	359	326
>PTEN-K13Q: VSRNKRRYQ	113	>PTEN-K13Q: VSRNQRRYQ	60	53
>PTEN-K13Q: VSRNKRRY	155	>PTEN-K13Q: VSRNQRRY	94	61
>PTEN-K13Q: VSRNKRRY	956	>PTEN-K13Q: VSRNQRRY	422	534
>PTEN-K13Q: VSRNKRRY	7	>PTEN-K13Q: VSRNQRRY	6	1
>PTEN-K13Q: VSRNKRRY	919	>PTEN-K13Q: VSRNQRRY	449	470
>PTEN-K13Q: IVSRNKRRY	1084	>PTEN-K13Q: IVSRNQRRY	302	782
>PTEN-K13Q: IVSRNKRRY	157	>PTEN-K13Q: IVSRNQRRY	59	98
>PTEN-K13Q: IVSRNKRR	225	>PTEN-K13Q: IVSRNQRR	196	29
>PTEN-K13Q: IVSRNKRR	128	>PTEN-K13Q: IVSRNQRR	74	54
>PTEN-K13Q: EIVSRNKRRY	13	>PTEN-K13Q: EIVSRNQRRY	8	5
>PTEN-K13Q: EIVSRNKRRY	313	>PTEN-K13Q: EIVSRNQRRY	252	61
>PTEN-K13Q: EIVSRNKR	155	>PTEN-K13Q: EIVSRNQR	96	59
>PTEN-K13Q: EIVSRNKRR	356	>PTEN-K13Q: EIVSRNQRR	183	173
>PTEN-K13Q: EIVSRNKR	8	>PTEN-K13Q: EIVSRNQR	5	3
>PTEN-K13Q: EIVSRNKRR	20	>PTEN-K13Q: EIVSRNQRR	13	7
>PTEN-K13Q: EIVSRNKR	258	>PTEN-K13Q: EIVSRNQR	420	162
>PTEN-K13Q: EIVSRNKRR	226	>PTEN-K13Q: EIVSRNQRR	349	123
>PTEN-K13Q: KEIVSRNKR	538	>PTEN-K13Q: KEIVSRNQR	452	86
>PTEN-K13Q: KEIVSRNKRR	632	>PTEN-K13Q: KEIVSRNQRR	435	197
>PTEN-K13Q: KEIVSRNKRR	321	>PTEN-K13Q: KEIVSRNQRR	289	32
>PTEN-K13Q: KEIVSRNKRR	358	>PTEN-K13Q: KEIVSRNQRR	515	157
>PTEN-K13Q: IIKEIVSRNK	201	>PTEN-K13Q: IIKEIVSRNQ	23285	23084
>PTEN-K13Q: IIKEIVSRNK	31	>PTEN-K13Q: IIKEIVSRNQ	5086	5055
>PTEN-K13Q: IIKEIVSRNKR	24	>PTEN-K13Q: IIKEIVSRNQR	22	2
>PTEN-K13Q: IIKEIVSRNKR	117	>PTEN-K13Q: IIKEIVSRNQR	84	33
>PTEN-K13Q: IIKEIVSRNKR	40	>PTEN-K13Q: IIKEIVSRNQR	30	10
>PTEN-K144I KFLKAQEAL	154	>PTEN-K144I IFLKAQEAL	1317	1163
>PTEN-K144I KFLKAQEALD	77	>PTEN-K144I IFLKAQEALDf	44	33
>PTEN-K144I KFLKAQEALD	345	>PTEN-K144I IFLKAQEALDf	266	79

>PTEN-K144I KFLKAQEAL	37	>PTEN-K144I IFLKAQEAL	72	35
>PTEN-K144I KFLKAQEALD	9	>PTEN-K144I IFLKAQEALDI	13	4
>PTEN-K144I KFLKAQEALD	1363	>PTEN-K144I IFLKAQEALDI	398	965
>PTEN-K144I KFLKAQEA	464	>PTEN-K144I IFLKAQEA	6653	6189
>PTEN-K144I KFLKAQEALD	364	>PTEN-K144I IFLKAQEALDI	334	30
>PTEN-K144I KFLKAQEAL	257	>PTEN-K144I IFLKAQEAL	1908	1651
>PTEN-K144I GKFLKAQEAL	11107	>PTEN-K144I GIFLKAQEAL	328	10779
>PTEN-K144I GKFLKAQEAL	109	>PTEN-K144I GIFLKAQEAL	7333	7224
>PTEN-K144I MICAYLLHRG	16008	>PTEN-K144I MICAYLLHRG	354	15654
>PTEN-K144I MICAYLLHRG	14290	>PTEN-K144I MICAYLLHRG	159	14131
>PTEN-K144I MICAYLLHRG	14973	>PTEN-K144I MICAYLLHRG	224	14749
>PTEN-K144I MICAYLLHRG	16896	>PTEN-K144I MICAYLLHRG	124	16772
>PTEN-K144I MICAYLLHRG	162	>PTEN-K144I MICAYLLHRG	18985	18823
>PTEN-K144I MICAYLLHRG	49	>PTEN-K144I MICAYLLHRG	19454	19405
>PTEN-K144I MICAYLLHRG	77	>PTEN-K144I MICAYLLHRG	2018	1941
>PTEN-K144I MICAYLLHRG	473	>PTEN-K144I MICAYLLHRG	14815	14342
>PTEN-K144I MICAYLLHRG	124	>PTEN-K144I MICAYLLHRG	25969	25845
>PTEN-K144I RGKFLKAQEA	193	>PTEN-K144I RGIFLKAQEA	6744	6551
>PTEN-K144I LHRGKFLK	386	>PTEN-K144I LHRGIFLK	302	84
>PTEN-K144I LLHRGKFL	2717	>PTEN-K144I LLHRGIFL	97	2620
>PTEN-K144I LLHRGKFL	274	>PTEN-K144I LLHRGIFL	42	232
>PTEN-K144I LLHRGKFLKA	546	>PTEN-K144I LLHRGIFLKA	156	390
>PTEN-K144I LLHRGKFL	288	>PTEN-K144I LLHRGIFL	64	224
>PTEN-K144I LLHRGKFLKA	194	>PTEN-K144I LLHRGIFLKA	87	107
>PTEN-K144I LLHRGKFL	2648	>PTEN-K144I LLHRGIFL	294	2354
>PTEN-K144I LLHRGKFL	28	>PTEN-K144I LLHRGIFL	7	21
>PTEN-K144I LLHRGKFLKA	132	>PTEN-K144I LLHRGIFLKA	30	102
>PTEN-K144I LLHRGKFL	353	>PTEN-K144I LLHRGIFL	26	327
>PTEN-K144I LLHRGKFL	204	>PTEN-K144I LLHRGIFL	23	181
>PTEN-K144I LLHRGKFLKA	700	>PTEN-K144I LLHRGIFLKA	158	542
>PTEN-K144I LLHRGKFL	3033	>PTEN-K144I LLHRGIFL	375	2658
>PTEN-K144I LLHRGKFL	8	>PTEN-K144I LLHRGIFL	4	4
>PTEN-K144I LLHRGKFLK	328	>PTEN-K144I LLHRGIFLK	45	283
>PTEN-K144I LLHRGKFLKA	8	>PTEN-K144I LLHRGIFLKA	4	4
>PTEN-K144I LLHRGKFLKA	230	>PTEN-K144I LLHRGIFLKAC	95	135
>PTEN-K144I LLHRGKFLK	41	>PTEN-K144I LLHRGIFLK	31	10
>PTEN-K144I LLHRGKFLK	63	>PTEN-K144I LLHRGIFLK	22	41
>PTEN-K144I LLHRGKFL	1631	>PTEN-K144I LLHRGIFL	416	1215
>PTEN-K144I LLHRGKFLK	37	>PTEN-K144I LLHRGIFLK	24	13
>PTEN-K144I LLHRGKFLK	69	>PTEN-K144I LLHRGIFLK	72	3
>PTEN-K144I LLHRGKFLK	427	>PTEN-K144I LLHRGIFLK	256	171
>PTEN-K144I YLLHRGKFL	93	>PTEN-K144I YLLHRGIFL	12	81
>PTEN-K144I YLLHRGKFLK	86	>PTEN-K144I YLLHRGIFLKA	25	61

>PTEN-K144I YLLHRGKFL	91	>PTEN-K144I YLLHRGIFL	22	69
>PTEN-K144I YLLHRGKFLK/	446	>PTEN-K144I YLLHRGIFLKA	162	284
>PTEN-K144I YLLHRGKFL	70	>PTEN-K144I YLLHRGIFL	45	25
>PTEN-K144I YLLHRGKFLK/	44	>PTEN-K144I YLLHRGIFLKA	38	6
>PTEN-K144I YLLHRGKFL	105	>PTEN-K144I YLLHRGIFL	10	95
>PTEN-K144I YLLHRGKFLK/	66	>PTEN-K144I YLLHRGIFLKA	23	43
>PTEN-K144I YLLHRGKFL	6	>PTEN-K144I YLLHRGIFL	3	3
>PTEN-K144I YLLHRGKFLK	1163	>PTEN-K144I YLLHRGIFLK	188	975
>PTEN-K144I YLLHRGKFLK/	12	>PTEN-K144I YLLHRGIFLKA	7	5
>PTEN-K144I YLLHRGKFL	10	>PTEN-K144I YLLHRGIFL	4	6
>PTEN-K144I YLLHRGKFLK/	39	>PTEN-K144I YLLHRGIFLKA	22	17
>PTEN-K144I YLLHRGKFL	12	>PTEN-K144I YLLHRGIFL	5	7
>PTEN-K144I YLLHRGKFLK/	17	>PTEN-K144I YLLHRGIFLKA	10	7
>PTEN-K144I YLLHRGKFL	58	>PTEN-K144I YLLHRGIFL	13	45
>PTEN-K144I YLLHRGKFLK/	317	>PTEN-K144I YLLHRGIFLKA	109	208
>PTEN-K144I YLLHRGKFL	6	>PTEN-K144I YLLHRGIFL	3	3
>PTEN-K144I YLLHRGKFLK	296	>PTEN-K144I YLLHRGIFLK	77	219
>PTEN-K144I YLLHRGKFLK/	8	>PTEN-K144I YLLHRGIFLKA	5	3
>PTEN-K144I YLLHRGKFLK	28	>PTEN-K144I YLLHRGIFLK	31	3
>PTEN-K144I YLLHRGKFLK	113	>PTEN-K144I YLLHRGIFLK	82	31
>PTEN-K144I YLLHRGKFLK	1229	>PTEN-K144I YLLHRGIFLK	473	756
>PTEN-K144I YLLHRGKFLK	316	>PTEN-K144I YLLHRGIFLK	619	303
>PTEN-K144I YLLHRGKF	412	>PTEN-K144I YLLHRGIF	333	79
>PTEN-K144I YLLHRGKFL	54	>PTEN-K144I YLLHRGIFL	184	130
>PTEN-K144I YLLHRGKFLK/	154	>PTEN-K144I YLLHRGIFLKA	658	504
>PTEN-K144I YLLHRGKF	473	>PTEN-K144I YLLHRGIF	182	291
>PTEN-K144I YLLHRGKF	43	>PTEN-K144I YLLHRGIF	37	6
>PTEN-K144I YLLHRGKFL	478	>PTEN-K144I YLLHRGIFL	975	497
>PTEN-K144I YLLHRGKF	45	>PTEN-K144I YLLHRGIF	24	21
>PTEN-K144I YLLHRGKFL	278	>PTEN-K144I YLLHRGIFL	279	1
>PTEN-K144I YLLHRGKF	259	>PTEN-K144I YLLHRGIF	783	524
>PTEN-K144I YLLHRGKFLK	111	>PTEN-K144I YLLHRGIFLK	82	29
>PTEN-K144I AYLLHRGK	32280	>PTEN-K144I AYLLHRGI	368	31912
>PTEN-K144I AYLLHRGKFLI	230	>PTEN-K144I AYLLHRGIFLK	154	76
>PTEN-K144I AYLLHRGKF	418	>PTEN-K144I AYLLHRGIF	595	177
>PTEN-K144I AYLLHRGKFL	368	>PTEN-K144I AYLLHRGIFL	285	83
>PTEN-K144I AYLLHRGK	4446	>PTEN-K144I AYLLHRGI	25	4421
>PTEN-K144I AYLLHRGKF	8	>PTEN-K144I AYLLHRGIF	11	3
>PTEN-K144I AYLLHRGKFL	16	>PTEN-K144I AYLLHRGIFL	12	4
>PTEN-K144I AYLLHRGK	40	>PTEN-K144I AYLLHRGI	1226	1186
>PTEN-K144I AYLLHRGKFL	782	>PTEN-K144I AYLLHRGIFL	205	577
>PTEN-K144I AYLLHRGKFLI	25	>PTEN-K144I AYLLHRGIFLK	18	7
>PTEN-K144I AYLLHRGKFLI	76	>PTEN-K144I AYLLHRGIFLK	83	7

>PTEN-K144I AYLLHRGKFLI	305	>PTEN-K144I AYLLHRGIFLK	244	61
>PTEN-K144I AYLLHRGKFL	540	>PTEN-K144I AYLLHRGIFL	148	392
>PTEN-K144I CAYLLHRGK	9098	>PTEN-K144I CAYLLHRGI	141	8957
>PTEN-K144I CAYLLHRGKF	119	>PTEN-K144I CAYLLHRGIFL	71	48
>PTEN-K144I CAYLLHRGK	471	>PTEN-K144I CAYLLHRGI	31363	30892
>PTEN-K144I CAYLLHRGKF	67	>PTEN-K144I CAYLLHRGIF	194	127
>PTEN-K144I CAYLLHRGKF	350	>PTEN-K144I CAYLLHRGIFL	431	81
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>PTEN-K144I CAYLLHRGK	36779	>PTEN-K144I CAYLLHRGI	46	36733
>PTEN-K144I CAYLLHRGKF	185	>PTEN-K144I CAYLLHRGIFL	185	0
>PTEN-K144I ICAYLLHRGKI	187	>PTEN-K144I ICAYLLHRGIF	117	70
>PTEN-K147F KAQEALDFY	271	>PTEN-K147F RAQEALDFY	194	77
>PTEN-K147F KAQEALDFY	46	>PTEN-K147F RAQEALDFY	82	36
>PTEN-K147F KAQEALDFY	708	>PTEN-K147F RAQEALDFY	497	211
>PTEN-K147F KAQEALDFY	1537	>PTEN-K147F RAQEALDFY	473	1064
>PTEN-K147F KAQEALDF	309	>PTEN-K147F RAQEALDF	204	105
>PTEN-K147F KAQEALDF	30	>PTEN-K147F RAQEALDF	13	17
>PTEN-K147F KAQEALDFY	139	>PTEN-K147F RAQEALDFY	55	84
>PTEN-K147F KAQEALDFY	481	>PTEN-K147F RAQEALDFY	528	47
>PTEN-K147F KAQEALDF	133	>PTEN-K147F RAQEALDF	159	26
>PTEN-K147F KAQEALDFY	195	>PTEN-K147F RAQEALDFY	253	58
>PTEN-K147F LKAQEALDF	6	>PTEN-K147F LRAQEALDF	63	57
>PTEN-K147F LKAQEALDFY	85	>PTEN-K147F LRAQEALDFY	540	455
>PTEN-K147F LKAQEALDFY	16975	>PTEN-K147F LRAQEALDFY	399	16576
>PTEN-K147F AYLLHRGKFLI	230	>PTEN-K147F AYLLHRGKFLI	3434	3204
>PTEN-K147F AYLLHRGKFLI	25	>PTEN-K147F AYLLHRGKFLI	2497	2472
>PTEN-K147F AYLLHRGKFLI	76	>PTEN-K147F AYLLHRGKFLI	10	66
>PTEN-K147F AYLLHRGKFLI	1595	>PTEN-K147F AYLLHRGKFLI	68	1527
>PTEN-K147F AYLLHRGKFLI	305	>PTEN-K147F AYLLHRGKFLI	505	200
>PTEN-K147F AYLLHRGKFLI	1086	>PTEN-K147F AYLLHRGKFLI	93	993
>PTEN-K147F FLKAQEAL	179	>PTEN-K147F FLRAQEAL	342	163
>PTEN-K147F FLKAQEAL	4	>PTEN-K147F FLRAQEAL	7	3
>PTEN-K147F FLKAQEALDF	370	>PTEN-K147F FLRAQEALDF	767	397
>PTEN-K147F FLKAQEAL	8	>PTEN-K147F FLRAQEAL	14	6
>PTEN-K147F FLKAQEAL	280	>PTEN-K147F FLRAQEAL	347	67
>PTEN-K147F FLKAQEAL	58	>PTEN-K147F FLRAQEAL	27	31
>PTEN-K147F FLKAQEAL	47	>PTEN-K147F FLRAQEAL	63	16
>PTEN-K147F FLKAQEAL	875	>PTEN-K147F FLRAQEAL	333	542
>PTEN-K147F FLKAQEAL	4	>PTEN-K147F FLRAQEAL	4	0
>PTEN-K147F FLKAQEALDF	548	>PTEN-K147F FLRAQEALDF	369	179
>PTEN-K147F FLKAQEALDF	98	>PTEN-K147F FLRAQEALDF	53	45
>PTEN-K147F FLKAQEALDF	209	>PTEN-K147F FLRAQEALDF	365	156
>PTEN-K147F FLKAQEALDF	122	>PTEN-K147F FLRAQEALDF	125	3

>PTEN-K147F FLKAEAL	68	>PTEN-K147F FLRAQEAL	81	13
>PTEN-K147F FLKAEAL	343	>PTEN-K147F FLRAQEAL	309	34
>PTEN-K147F FLKAEALDF	105	>PTEN-K147F FLRAQEALDF	105	0
>PTEN-K147F FLKAEALDF	105	>PTEN-K147F FLRAQEALDF	103	2
>PTEN-K147F FLKAEAL	579	>PTEN-K147F FLRAQEAL	352	227
>PTEN-K147F FLKAEALDF	108	>PTEN-K147F FLRAQEALDF	68	40
>PTEN-K147F FLKAEALDF	78	>PTEN-K147F FLRAQEALDF	53	25
>PTEN-K147F FLKAEAL	515	>PTEN-K147F FLRAQEAL	234	281
>PTEN-K147F FLKAEALDF	37	>PTEN-K147F FLRAQEALDF	18	19
>PTEN-K147F FLKAEALDF	716	>PTEN-K147F FLRAQEALDF	335	381
>PTEN-K147F FLKAEALDF	2201	>PTEN-K147F FLRAQEALDF	307	1894
>PTEN-K147F KFLKAEAL	154	>PTEN-K147F KFLRAQEAL	221	67
>PTEN-K147F KFLKAEALD	77	>PTEN-K147F KFLRAQEALD	72	5
>PTEN-K147F KFLKAEALD	345	>PTEN-K147F KFLRAQEALD	271	74
>PTEN-K147F KFLKAEAL	37	>PTEN-K147F KFLRAQEAL	42	5
>PTEN-K147F KFLKAEALD	9	>PTEN-K147F KFLRAQEALD	9	0
>PTEN-K147F KFLKAEAL	464	>PTEN-K147F KFLRAQEAL	204	260
>PTEN-K147F KFLKAEALD	745	>PTEN-K147F KFLRAQEALD	484	261
>PTEN-K147F KFLKAEALD	364	>PTEN-K147F KFLRAQEALD	379	15
>PTEN-K147F KFLKAEAL	626	>PTEN-K147F KFLRAQEAL	466	160
>PTEN-K147F KFLKAEAL	257	>PTEN-K147F KFLRAQEAL	195	62
>PTEN-K147F GKFLKAEAL	109	>PTEN-K147F GKFLRAQEAL	73	36
>PTEN-K147F RGKFLKAEAL	193	>PTEN-K147F RGKFLRAQEAL	65	128
>PTEN-K147F RGKFLKAEAL	1102	>PTEN-K147F RGKFLRAQEAL	421	681
>PTEN-K147F LHRGKFLK	386	>PTEN-K147F LHRGKFLR	10220	9834
>PTEN-K147F LHRGKFLK	6052	>PTEN-K147F LHRGKFLR	469	5583
>PTEN-K147F LLHRGKFLKA	194	>PTEN-K147F LLHRGKFLRA	248	54
>PTEN-K147F LLHRGKFLKA	132	>PTEN-K147F LLHRGKFLRA	82	50
>PTEN-K147F LLHRGKFLK	328	>PTEN-K147F LLHRGKFLR	2059	1731
>PTEN-K147F LLHRGKFLKA	8	>PTEN-K147F LLHRGKFLRA	6	2
>PTEN-K147F LLHRGKFLKA	230	>PTEN-K147F LLHRGKFLRA	318	88
>PTEN-K147F LLHRGKFLK	41	>PTEN-K147F LLHRGKFLR	294	253
>PTEN-K147F LLHRGKFLK	63	>PTEN-K147F LLHRGKFLR	1831	1768
>PTEN-K147F LLHRGKFLK	37	>PTEN-K147F LLHRGKFLR	3276	3239
>PTEN-K147F LLHRGKFLK	69	>PTEN-K147F LLHRGKFLR	9	60
>PTEN-K147F LLHRGKFLK	3461	>PTEN-K147F LLHRGKFLR	147	3314
>PTEN-K147F LLHRGKFLK	427	>PTEN-K147F LLHRGKFLR	135	292
>PTEN-K147F YLLHRGKFLK/	86	>PTEN-K147F YLLHRGKFLR/	72	14
>PTEN-K147F YLLHRGKFLK/	446	>PTEN-K147F YLLHRGKFLR/	444	2
>PTEN-K147F YLLHRGKFLK/	44	>PTEN-K147F YLLHRGKFLR/	43	1
>PTEN-K147F YLLHRGKFLK/	66	>PTEN-K147F YLLHRGKFLR/	74	8
>PTEN-K147F YLLHRGKFLK/	12	>PTEN-K147F YLLHRGKFLR/	9	3
>PTEN-K147F YLLHRGKFLK/	39	>PTEN-K147F YLLHRGKFLR/	40	1

>PTEN-K147FYLLHRGKFLK/	17	>PTEN-K147FYLLHRGKFLR/	22	5
>PTEN-K147FYLLHRGKFLK/	317	>PTEN-K147FYLLHRGKFLR/	315	2
>PTEN-K147FYLLHRGKFLK	296	>PTEN-K147FYLLHRGKFLR	1444	1148
>PTEN-K147FYLLHRGKFLK/	8	>PTEN-K147FYLLHRGKFLR/	6	2
>PTEN-K147FYLLHRGKFLK	28	>PTEN-K147FYLLHRGKFLR	416	388
>PTEN-K147FYLLHRGKFLK	113	>PTEN-K147FYLLHRGKFLR	1532	1419
>PTEN-K147FYLLHRGKFLK	316	>PTEN-K147FYLLHRGKFLR	21	295
>PTEN-K147FYLLHRGKFLK	1206	>PTEN-K147FYLLHRGKFLR	51	1155
>PTEN-K147FYLLHRGKFLK	1275	>PTEN-K147FYLLHRGKFLR	424	851
>PTEN-K147FYLLHRGKFLK/	154	>PTEN-K147FYLLHRGKFLR/	130	24
>PTEN-K147FYLLHRGKFLK	111	>PTEN-K147FYLLHRGKFLR	65	46
>PTEN-K147FYLLHRGKFLK	2668	>PTEN-K147FYLLHRGKFLR	243	2425
>PTEN-K164FKGVTIPSQRR	155	>PTEN-K164FRGVTIPSQRR	296	141
>PTEN-K164FKGVTIPSQR	208	>PTEN-K164FRGVTIPSQR	181	27
>PTEN-K164FKGVTIPSQRR	202	>PTEN-K164FRGVTIPSQRR	69	133
>PTEN-K164FKGVTIPSQRR	227	>PTEN-K164FRGVTIPSQRR	142	85
>PTEN-K164FKGVTIPSQR	147	>PTEN-K164FRGVTIPSQR	189	42
>PTEN-K164FKGVTIPSQRR	120	>PTEN-K164FRGVTIPSQRR	163	43
>PTEN-K164FKKGVVTIPSQR	8641	>PTEN-K164FKRGVTIPSQR	67	8574
>PTEN-K164FKKGVVTIPS	8465	>PTEN-K164FKRGVTIPS	186	8279
>PTEN-K164FKKGVVTIPSQR	609	>PTEN-K164FKRGVTIPSQR	410	199
>PTEN-K164FKKGVVTIPSQR	511	>PTEN-K164FKRGVTIPSQR	329	182
>PTEN-K164FYGVEVTRDK	3395	>PTEN-K164FYGVEVTRDK	171	3224
>PTEN-K164FYGVEVTRDK	1184	>PTEN-K164FYGVEVTRDK	399	785
>PTEN-K164FYGVEVTRDK	3491	>PTEN-K164FYGVEVTRDK	104	3387
>PTEN-K164FDKKGVTIPSQ	497	>PTEN-K164DKRGVTIPSQ	386	111
>PTEN-K164FRDKKGVTI	179	>PTEN-K164FRDKRGVTI	953	774
>PTEN-K164FRTRDKKGV	14	>PTEN-K164FRTRDKRGV	9	5
>PTEN-K164FRTRDKKGVT	71	>PTEN-K164FRTRDKRGVT	14	57
>PTEN-K164FRTRDKKGVTI	5	>PTEN-K164FRTRDKRGVTI	4	1
>PTEN-K164FRTRDKKGVTI	103	>PTEN-K164FRTRDKRGVTI	36	67
>PTEN-K164FRTRDKKGVTI	120	>PTEN-K164FRTRDKRGVTI	85	35
>PTEN-K164FRTRDKKGV	26	>PTEN-K164FRTRDKRGV	33	7
>PTEN-K164FRTRDKKGVTI	5	>PTEN-K164FRTRDKRGVTI	5	0
>PTEN-K164FRTRDKKGVTI	100	>PTEN-K164FRTRDKRGVTI	60	40
>PTEN-K164FVRTRDKKGV	595	>PTEN-K164FVRTRDKRGV	402	193
>PTEN-K164FEVTRDKK	2612	>PTEN-K164FEVTRDKR	94	2518
>PTEN-K164FEVTRDKK	81	>PTEN-K164FEVTRDKR	28	53
>PTEN-K164FGEVTRDKKC	178	>PTEN-K164FGEVTRDKRC	354	176
>PTEN-K164FGEVTRDKKC	381	>PTEN-K164FGEVTRDKRC	297	84
>PTEN-K164FGEVTRDKKC	89	>PTEN-K164FGEVTRDKRC	89	0
>PTEN-K254FEVEFFHKQNF	22	>PTEN-K254FEVEFFHKQNF	9850	9828
>PTEN-K254FEVEFFHKQ	16311	>PTEN-K254FEVEFFHKQ	483	15828

>PTEN-K254E KVEFFHKQNF	184	>PTEN-K254E EVEFFHKQNF	2250	2066
>PTEN-K254E IKVEFFHK	330	>PTEN-K254E IEVEFFHK	5981	5651
>PTEN-K254E IKVEFFHKQN	265	>PTEN-K254E IEVEFFHKQN	5061	4796
>PTEN-K254E IKVEFFHK	21376	>PTEN-K254E IEVEFFHK	358	21018
>PTEN-K254E IKVEFFHKQN	20714	>PTEN-K254E IEVEFFHKQN	323	20391
>PTEN-K254E PVCGDIKV	466	>PTEN-K254E PVCGDIEV	178	288
>PTEN-K254E PVCGDIKVEF	395	>PTEN-K254E PVCGDIEVEF	213	182
>PTEN-K254E PVCGDIKVEF	21	>PTEN-K254E PVCGDIEVEF	14	7
>PTEN-K254E LPVCGDIKVEI	35	>PTEN-K254E LPVCGDIEVEI	32	3
>PTEN-K254E LPVCGDIKVEI	484	>PTEN-K254E LPVCGDIEVEI	908	424
>PTEN-K254E LPVCGDIK	621	>PTEN-K254E LPVCGDIE	339	282
>PTEN-K254E LPVCGDIKVEI	9	>PTEN-K254E LPVCGDIEVEI	7	2
>PTEN-K254E LPVCGDIKVEI	26	>PTEN-K254E LPVCGDIEVEI	25	1
>PTEN-K254E LPVCGDIK	306	>PTEN-K254E LPVCGDIE	304	2
>PTEN-K254E LPVCGDIKVEI	499	>PTEN-K254E LPVCGDIEVEI	549	50
>PTEN-K254E LPVCGDIKVEI	18	>PTEN-K254E LPVCGDIEVEI	12	6
>PTEN-K254E PLPVCGDIKV	934	>PTEN-K254E PLPVCGDIEV	478	456
>PTEN-K254E PLPVCGDIKV	176	>PTEN-K254E PLPVCGDIEV	105	71
>PTEN-K254E PLPVCGDIKV	46	>PTEN-K254E PLPVCGDIEV	33	13
>PTEN-K254E QPLPVCGDIK	878	>PTEN-K254E QPLPVCGDIE	323	555
>PTEN-K342I KVKLYFTKTV	150	>PTEN-K342I NVKLYFTKTV	259	109
>PTEN-K342I KVKLYFTK	81	>PTEN-K342I NVKLYFTK	2054	1973
>PTEN-K342I KVKLYFTK	30	>PTEN-K342I NVKLYFTK	165	135
>PTEN-K342I KVKLYFTK	4	>PTEN-K342I NVKLYFTK	79	75
>PTEN-K342I KVKLYFTKTV	15	>PTEN-K342I NVKLYFTKTV	3921	3906
>PTEN-K342I KVKLYFTK	8	>PTEN-K342I NVKLYFTK	94	86
>PTEN-K342I KVKLYFTK	4696	>PTEN-K342I NVKLYFTK	146	4550
>PTEN-K342I KVKLYFTK	1422	>PTEN-K342I NVKLYFTK	68	1354
>PTEN-K342I KVKLYFTK	485	>PTEN-K342I NVKLYFTK	6492	6007
>PTEN-K342I FVKLYFTKT\	224	>PTEN-K342I FNVKLYFTKT\	985	761
>PTEN-K342I FVKLYFTK	513	>PTEN-K342I FNVKLYFTK	120	393
>PTEN-K342I FVKLYFTK	199	>PTEN-K342I FNVKLYFTK	9453	9254
>PTEN-K342I FVKLYFTKT\	25	>PTEN-K342I FNVKLYFTKT\	1360	1335
>PTEN-K342I KANRYFSPNF	46	>PTEN-K342I KANRYFSPNF	16359	16313
>PTEN-K342I KANRYFSPNF	12	>PTEN-K342I KANRYFSPNF	13792	13780
>PTEN-K342I KANRYFSPNF	4	>PTEN-K342I KANRYFSPNF	788	784
>PTEN-K342I KANRYFSPNF	17	>PTEN-K342I KANRYFSPNF	3243	3226
>PTEN-K342I KANRYFSPNF	469	>PTEN-K342I KANRYFSPNF	24579	24110
>PTEN-K342I NFKVKLYFTK	1063	>PTEN-K342I NFNVKLYFTK	373	690
>PTEN-K342I NFKVKLYF	240	>PTEN-K342I NFNVKLYF	437	197
>PTEN-K342I NFKVKLYF	96	>PTEN-K342I NFNVKLYF	117	21
>PTEN-K342I NFKVKLYFTK	142	>PTEN-K342I NFNVKLYFTK	3109	2967
>PTEN-K342I NFKVKLYFTK	284	>PTEN-K342I NFNVKLYFTK	425	141

>PTEN-K342I NFKVKLYFTK	570	>PTEN-K342I NFNVKLYFTK	492	78
>PTEN-K342I SPNFKVKLYF	136	>PTEN-K342I SPNFNVKLYF	37	99
>PTEN-K342I SPNFKVKL	224	>PTEN-K342I SPNFNVKL	311	87
>PTEN-K342I SPNFKVKLYF	97	>PTEN-K342I SPNFNVKLYF	171	74
>PTEN-K342I SPNFKVKLY	1114	>PTEN-K342I SPNFNVKLY	311	803
>PTEN-K342I SPNFKVKLY	653	>PTEN-K342I SPNFNVKLY	286	367
>PTEN-K342I SPNFKVKLY	167	>PTEN-K342I SPNFNVKLY	474	307
>PTEN-K342I FSPNFKVKL	122	>PTEN-K342I FSPNFNVKL	396	274
>PTEN-K342I FSPNFKVKLY	238	>PTEN-K342I FSPNFNVKLY	220	18
>PTEN-K342I FSPNFKVKL	2943	>PTEN-K342I FSPNFNVKL	472	2471
>PTEN-K342I FSPNFKVKLYI	186	>PTEN-K342I FSPNFNVKLY	144	42
>PTEN-K342I FSPNFKVKLY	701	>PTEN-K342I FSPNFNVKLY	263	438
>PTEN-K342I FSPNFKVKLY	138	>PTEN-K342I FSPNFNVKLY	120	18
>PTEN-K342I FSPNFKVK	695	>PTEN-K342I FSPNFNVK	162	533
>PTEN-K342I FSPNFKVKL	544	>PTEN-K342I FSPNFNVKL	142	402
>PTEN-K342I FSPNFKVKLY	548	>PTEN-K342I FSPNFNVKLY	206	342
>PTEN-K342I FSPNFKVKLYI	122	>PTEN-K342I FSPNFNVKLY	71	51
>PTEN-K342I FSPNFKVKLY	493	>PTEN-K342I FSPNFNVKLY	315	178
>PTEN-K342I FSPNFKVKLYI	571	>PTEN-K342I FSPNFNVKLY	319	252
>PTEN-K342I FSPNFKVKL	7	>PTEN-K342I FSPNFNVKL	4	3
>PTEN-K342I FSPNFKVKLY	84	>PTEN-K342I FSPNFNVKLY	29	55
>PTEN-K342I FSPNFKVKLYI	5	>PTEN-K342I FSPNFNVKLY	4	1
>PTEN-K342I FSPNFKVKLY	191	>PTEN-K342I FSPNFNVKLY	92	99
>PTEN-K342I FSPNFKVKLYI	536	>PTEN-K342I FSPNFNVKLY	419	117
>PTEN-K342I FSPNFKVKL	581	>PTEN-K342I FSPNFNVKL	322	259
>PTEN-K342I YFSPNFKV	149	>PTEN-K342I YFSPNFNV	52	97
>PTEN-K342I YFSPNFKV	826	>PTEN-K342I YFSPNFNV	417	409
>PTEN-K342I YFSPNFKV	274	>PTEN-K342I YFSPNFNV	248	26
>PTEN-K342I YFSPNFKV	347	>PTEN-K342I YFSPNFNV	226	121
>PTEN-K342I YFSPNFKV	721	>PTEN-K342I YFSPNFNV	445	276
>PTEN-K342I YFSPNFKV	18	>PTEN-K342I YFSPNFNV	15	3
>PTEN-K342I YFSPNFKVK	757	>PTEN-K342I YFSPNFNVK	448	309
>PTEN-K342I YFSPNFKV	183	>PTEN-K342I YFSPNFNV	200	17
>PTEN-K342I YFSPNFKVK	422	>PTEN-K342I YFSPNFNVK	180	242
>PTEN-K342I YFSPNFKVKL	14	>PTEN-K342I YFSPNFNVKL	10	4
>PTEN-K342I YFSPNFKVKL'	13	>PTEN-K342I YFSPNFNVKL'	10	3
>PTEN-K342I YFSPNFKVKL'	1065	>PTEN-K342I YFSPNFNVKL'	439	626
>PTEN-K342I YFSPNFKVKL'	624	>PTEN-K342I YFSPNFNVKL'	480	144
>PTEN-K342I YFSPNFKVKL'	449	>PTEN-K342I YFSPNFNVKL'	303	146
>PTEN-K342I YFSPNFKVKL'	1180	>PTEN-K342I YFSPNFNVKL'	444	736
>PTEN-K342I YFSPNFKVKL'	207	>PTEN-K342I YFSPNFNVKL'	143	64
>PTEN-K342I YFSPNFKVK	356	>PTEN-K342I YFSPNFNVK	468	112
>PTEN-K342I RYFSPNFKV	92	>PTEN-K342I RYFSPNFNV	91	1



>PTEN-K342I RYFSPNFK	143	>PTEN-K342I RYFSPNFN	17796	17653
>PTEN-K342I RYFSPNFK	41	>PTEN-K342I RYFSPNFN	20176	20135
>PTEN-K342I RYFSPNFKV	627	>PTEN-K342I RYFSPNFNV	392	235
>PTEN-K342I RYFSPNFKVK	196	>PTEN-K342I RYFSPNFNVK	132	64
>PTEN-K342I RYFSPNFKVK	412	>PTEN-K342I RYFSPNFNVK	307	105
>PTEN-K342I RYFSPNFK	208	>PTEN-K342I RYFSPNFN	689	481
>PTEN-K342I RYFSPNFKV	20	>PTEN-K342I RYFSPNFNV	23	3
>PTEN-K342I RYFSPNFKVK	104	>PTEN-K342I RYFSPNFNVK	67	37
>PTEN-K342I RYFSPNFKVK	5	>PTEN-K342I RYFSPNFNVK	5	0
>PTEN-K342I RYFSPNFK	5	>PTEN-K342I RYFSPNFN	665	660
>PTEN-K342I RYFSPNFKV	209	>PTEN-K342I RYFSPNFNV	79	130
>PTEN-K342I RYFSPNFKVK	9	>PTEN-K342I RYFSPNFNVK	7	2
>PTEN-K342I RYFSPNFKVK	448	>PTEN-K342I RYFSPNFNVK	214	234
>PTEN-K342I RYFSPNFK	15	>PTEN-K342I RYFSPNFN	2021	2006
>PTEN-K342I RYFSPNFKV	206	>PTEN-K342I RYFSPNFNV	160	46
>PTEN-K342I RYFSPNFKVK	658	>PTEN-K342I RYFSPNFNVK	420	238
>PTEN-K342I RYFSPNFKVK	342	>PTEN-K342I RYFSPNFNVK	470	128
>PTEN-K342I RYFSPNFKV	238	>PTEN-K342I RYFSPNFNV	267	29
>PTEN-K342I RYFSPNFKVK	48	>PTEN-K342I RYFSPNFNVK	26	22
>PTEN-K342I RYFSPNFKVK	514	>PTEN-K342I RYFSPNFNVK	288	226
>PTEN-K342I RYFSPNFK	23	>PTEN-K342I RYFSPNFN	624	601
>PTEN-K342I RYFSPNFKVK	24	>PTEN-K342I RYFSPNFNVK	26	2
>PTEN-K342I RYFSPNFKV	223	>PTEN-K342I RYFSPNFNV	393	170
>PTEN-K342I RYFSPNFKVK	319	>PTEN-K342I RYFSPNFNVK	356	37
>PTEN-K342I RYFSPNFK	157	>PTEN-K342I RYFSPNFN	244	87
>PTEN-K342I RYFSPNFKV	242	>PTEN-K342I RYFSPNFNV	289	47
>PTEN-K342I RYFSPNFKVK	2535	>PTEN-K342I RYFSPNFNVK	411	2124
>PTEN-K342I RYFSPNFKVK	185	>PTEN-K342I RYFSPNFNVK	179	6
>PTEN-K342I NRYFSPNFK	331	>PTEN-K342I NRYFSPNFN	19506	19175
>PTEN-K342I NRYFSPNFKV	221	>PTEN-K342I NRYFSPNFNV	356	135
>PTEN-K342I NRYFSPNFK	120	>PTEN-K342I NRYFSPNFN	1312	1192
>PTEN-K342I NRYFSPNFKV	151	>PTEN-K342I NRYFSPNFNV	81	70
>PTEN-K342I ANRYFSPNFK	4	>PTEN-K342I ANRYFSPNFN	447	443
>PTEN-K342I ANRYFSPNFK	174	>PTEN-K342I ANRYFSPNFN	87	87
>PTEN-K344F KLYFTKTV	37	>PTEN-K344F RLYFTKTV	89	52
>PTEN-K344F KLYFTKTV	73	>PTEN-K344F RLYFTKTV	118	45
>PTEN-K344F KLYFTKTV	7	>PTEN-K344F RLYFTKTV	6	1
>PTEN-K344F KLYFTKTV	212	>PTEN-K344F RLYFTKTV	419	207
>PTEN-K344F KLYFTKTV	2	>PTEN-K344F RLYFTKTV	2	0
>PTEN-K344F KLYFTKTV	6	>PTEN-K344F RLYFTKTV	7	1
>PTEN-K344F KLYFTKTV	7	>PTEN-K344F RLYFTKTV	8	1
>PTEN-K344F KLYFTKTV	15	>PTEN-K344F RLYFTKTV	20	5
>PTEN-K344F KLYFTKTV	3	>PTEN-K344F RLYFTKTV	3	0

>PTEN-K344F KLYFTKTV	41	>PTEN-K344F RLYFTKTV	42	1
>PTEN-K344F KLYFTKTV	283	>PTEN-K344F RLYFTKTV	152	131
>PTEN-K344F VKLYFTKTV	222	>PTEN-K344F VRLYFTKTV	422	200
>PTEN-K344F VKLYFTKTV	15	>PTEN-K344F VRLYFTKTV	87	72
>PTEN-K344F NRYFSPNFKV	151	>PTEN-K344F NRYFSPNFKV	634	483
>PTEN-K344F NRYFSPNFKV	4459	>PTEN-K344F NRYFSPNFKV	279	4180
>PTEN-K344F KVLYFTKTV	150	>PTEN-K344F KVRLYFTKTV	263	113
>PTEN-K344F KVLYFTK	81	>PTEN-K344F KVRLYFTK	54	27
>PTEN-K344F KVLYFTK	30	>PTEN-K344F KVRLYFTK	70	40
>PTEN-K344F KVLYFTK	4	>PTEN-K344F KVRLYFTK	3	1
>PTEN-K344F KVLYFTKT	813	>PTEN-K344F KVRLYFTKT	120	693
>PTEN-K344F KVLYFTKTV	15	>PTEN-K344F KVRLYFTKTV	6	9
>PTEN-K344F KVLYFTKTVI	2074	>PTEN-K344F KVRLYFTKTVI	464	1610
>PTEN-K344F KVLYFTK	8	>PTEN-K344F KVRLYFTK	10	2
>PTEN-K344F KVLYFTK	485	>PTEN-K344F KVRLYFTK	741	256
>PTEN-K344F FKVLYFTKT\	224	>PTEN-K344F FKVLYFTKT\	238	14
>PTEN-K344F FKVLYFTK	199	>PTEN-K344F FKVLYFTK	223	24
>PTEN-K344F FKVLYFTKT\	25	>PTEN-K344F FKVLYFTKT\	27	2
>PTEN-K344F NFKVLYF	240	>PTEN-K344F NFKVLYF	201	39
>PTEN-K344F NFKVLYF	96	>PTEN-K344F NFKVLYF	69	27
>PTEN-K344F NFKVLYFTK	142	>PTEN-K344F NFKVLYFTK	82	60
>PTEN-K344F NFKVLYFTK	284	>PTEN-K344F NFKVLYFTK	177	107
>PTEN-K344F NFKVLYFTK	604	>PTEN-K344F NFKVLYFTK	283	321
>PTEN-K344F NFKVLYFTK	570	>PTEN-K344F NFKVLYFTK	403	167
>PTEN-K344F PNFKVLYF	804	>PTEN-K344F PNFKVLYF	318	486
>PTEN-K344F PNFKVLYF	830	>PTEN-K344F PNFKVLYF	266	564
>PTEN-K344F SPNFKVLYF	136	>PTEN-K344F SPNFKVLYF	143	7
>PTEN-K344F SPNFKVLYF	224	>PTEN-K344F SPNFKVLYF	108	116
>PTEN-K344F SPNFKVLYF	97	>PTEN-K344F SPNFKVLYF	71	26
>PTEN-K344F SPNFKVLY	167	>PTEN-K344F SPNFKVLY	61	106
>PTEN-K344F SPNFKVLYF	833	>PTEN-K344F SPNFKVLYF	390	443
>PTEN-K344F FSPNFKVLY	122	>PTEN-K344F FSPNFKVLY	39	83
>PTEN-K344F FSPNFKVLY	238	>PTEN-K344F FSPNFKVLY	172	66
>PTEN-K344F FSPNFKVLYI	186	>PTEN-K344F FSPNFKVLYI	148	38
>PTEN-K344F FSPNFKVLY	701	>PTEN-K344F FSPNFKVLY	422	279
>PTEN-K344F FSPNFKVLY	138	>PTEN-K344F FSPNFKVLY	106	32
>PTEN-K344F FSPNFKV	695	>PTEN-K344F FSPNFKV	218	477
>PTEN-K344F FSPNFKV	544	>PTEN-K344F FSPNFKV	314	230
>PTEN-K344F FSPNFKVLYI	122	>PTEN-K344F FSPNFKVLYI	82	40
>PTEN-K344F FSPNFKVLY	493	>PTEN-K344F FSPNFKVLY	694	201
>PTEN-K344F FSPNFKVLY	7	>PTEN-K344F FSPNFKVLY	8	1
>PTEN-K344F FSPNFKVLY	84	>PTEN-K344F FSPNFKVLY	65	19
>PTEN-K344F FSPNFKVLYI	5	>PTEN-K344F FSPNFKVLYI	4	1

>PTEN-K344F FSPNFKVKLY	191	>PTEN-K344F FSPNFKVRLY	204	13
>PTEN-K344F FSPNFKVKLYI	536	>PTEN-K344F FSPNFKVRLYI	479	57
>PTEN-K344F YFSPNFKVK	422	>PTEN-K344F YFSPNFKVR	667	245
>PTEN-K344F YFSPNFKVKL	14	>PTEN-K344F YFSPNFKVRL	18	4
>PTEN-K344F YFSPNFKVKL'	13	>PTEN-K344F YFSPNFKVRL'	11	2
>PTEN-K344F YFSPNFKVK	2709	>PTEN-K344F YFSPNFKVR	124	2585
>PTEN-K344F YFSPNFKVKL'	624	>PTEN-K344F YFSPNFKVRL'	439	185
>PTEN-K344F YFSPNFKVKL'	449	>PTEN-K344F YFSPNFKVRL'	451	2
>PTEN-K344F YFSPNFKVKL'	207	>PTEN-K344F YFSPNFKVRL'	309	102
>PTEN-K344F YFSPNFKVK	356	>PTEN-K344F YFSPNFKVR	32	324
>PTEN-K344F RYFSPNFKVK	196	>PTEN-K344F RYFSPNFKVR	154	42
>PTEN-K344F RYFSPNFKVK	412	>PTEN-K344F RYFSPNFKVR	358	54
>PTEN-K344F RYFSPNFKVK	104	>PTEN-K344F RYFSPNFKVR	162	58
>PTEN-K344F RYFSPNFKVK	5	>PTEN-K344F RYFSPNFKVR	6	1
>PTEN-K344F RYFSPNFKVK	9	>PTEN-K344F RYFSPNFKVR	533	524
>PTEN-K344F RYFSPNFKVK	448	>PTEN-K344F RYFSPNFKVR	427	21
>PTEN-K344F RYFSPNFKVK	658	>PTEN-K344F RYFSPNFKVR	29	629
>PTEN-K344F RYFSPNFKVK	342	>PTEN-K344F RYFSPNFKVR	319	23
>PTEN-K344F RYFSPNFKVK	48	>PTEN-K344F RYFSPNFKVR	63	15
>PTEN-K344F RYFSPNFKVK	24	>PTEN-K344F RYFSPNFKVR	12	12
>PTEN-K344F RYFSPNFKVK	319	>PTEN-K344F RYFSPNFKVR	556	237
>PTEN-K344F RYFSPNFKVK	185	>PTEN-K344F RYFSPNFKVR	208	23
>PTEN-K62I- $\backslash$ KNHYKIYNL	1019	>PTEN-K62I- $\uparrow$ INHYKIYNL	275	744
>PTEN-K62I- $\backslash$ KNHYKIYNLC	497	>PTEN-K62I- $\uparrow$ INHYKIYNLC	6351	5854
>PTEN-K62I- $\backslash$ HKNHYKIY	2068	>PTEN-K62I- $\uparrow$ HINHYKIY	384	1684
>PTEN-K62I- $\backslash$ HKNHYKIY	7	>PTEN-K62I- $\uparrow$ HINHYKIY	387	380
>PTEN-K62I- $\backslash$ HKNHYKIYNL	68	>PTEN-K62I- $\uparrow$ HINHYKIYNL	4194	4126
>PTEN-K62I- $\backslash$ HKNHYKIY	3012	>PTEN-K62I- $\uparrow$ HINHYKIY	212	2800
>PTEN-K62I- $\backslash$ HKNHYKIY	1417	>PTEN-K62I- $\uparrow$ HINHYKIY	217	1200
>PTEN-K62I- $\backslash$ DVVRFLDSKH	1708	>PTEN-K62I- $\uparrow$ DVVRFLDSKH	137	1571
>PTEN-K62I- $\backslash$ DVVRFLDSKH	102	>PTEN-K62I- $\uparrow$ DVVRFLDSKH	23570	23468
>PTEN-K62I- $\backslash$ KHKNHYKI	2901	>PTEN-K62I- $\uparrow$ KHINHYKI	284	2617
>PTEN-K62I- $\backslash$ KHKNHYKIY	10	>PTEN-K62I- $\uparrow$ KHINHYKIY	9	1
>PTEN-K62I- $\backslash$ KHKNHYKIYN	206	>PTEN-K62I- $\uparrow$ KHINHYKIYNI	165	41
>PTEN-K62I- $\backslash$ SKHKNHYK	78	>PTEN-K62I- $\uparrow$ SKHINHYK	118	40
>PTEN-K62I- $\backslash$ SKHKNHYKI	129	>PTEN-K62I- $\uparrow$ SKHINHYKI	392	263
>PTEN-K62I- $\backslash$ SKHKNHYKIY	6	>PTEN-K62I- $\uparrow$ SKHINHYKIY	11	5
>PTEN-K62I- $\backslash$ DSKHKNHY	383	>PTEN-K62I- $\uparrow$ DSKHINHY	146	237
>PTEN-K62I- $\backslash$ DSKHKNHYK	121	>PTEN-K62I- $\uparrow$ DSKHINHYK	134	13
>PTEN-K62I- $\backslash$ DSKHKNHY	289	>PTEN-K62I- $\uparrow$ DSKHINHY	124	165
>PTEN-K62I- $\backslash$ DSKHKNHYKI	698	>PTEN-K62I- $\uparrow$ DSKHINHYKI	335	363
>PTEN-K62I- $\backslash$ DSKHKNHYK	342	>PTEN-K62I- $\uparrow$ DSKHINHYK	281	61
>PTEN-K62I- $\backslash$ DSKHKNHYK	155	>PTEN-K62I- $\uparrow$ DSKHINHYK	80	75

>PTEN-K62I-1 DSKHKNHYK	77	>PTEN-K62I-r DSKHINHYK	8	69
>PTEN-K62I-1 DSKHKNHY	3193	>PTEN-K62I-r DSKHINHY	436	2757
>PTEN-K62I-1 LDSKHKNHYK	1193	>PTEN-K62I-r LDSKHINHYK	391	802
>PTEN-K62I-1 LDSKHKNHYK	229	>PTEN-K62I-r LDSKHINHYK	142	87
>PTEN-K62I-1 FLDSKHKNHY	86	>PTEN-K62I-r FLDSKHINHY	41	45
>PTEN-K62I-1 FLDSKHKNHY	1452	>PTEN-K62I-r FLDSKHINHY	417	1035
>PTEN-K62I-1 FLDSKHKNHY	273	>PTEN-K62I-r FLDSKHINHY	116	157
>PTEN-K62I-1 FLDSKHKNHY	226	>PTEN-K62I-r FLDSKHINHY	99	127
>PTEN-K62I-1 FLDSKHKNHY	724	>PTEN-K62I-r FLDSKHINHY	306	418
>PTEN-K62I-1 FLDSKHKNHY	512	>PTEN-K62I-r FLDSKHINHY	155	357
>PTEN-K62I-1 FLDSKHKNHY	688	>PTEN-K62I-r FLDSKHINHY	197	491
>PTEN-K62I-1 FLDSKHKNHY	676	>PTEN-K62I-r FLDSKHINHY	158	518
>PTEN-K62I-1 FLDSKHKNHY	1010	>PTEN-K62I-r FLDSKHINHY	487	523
>PTEN-K62I-1 RFLDSKHK	2399	>PTEN-K62I-r RFLDSKHI	230	2169
>PTEN-K62I-1 RFLDSKHK	6698	>PTEN-K62I-r RFLDSKHI	80	6618
>PTEN-K62I-1 RFLDSKHKNF	91	>PTEN-K62I-r RFLDSKHINH	65	26
>PTEN-K62I-1 RFLDSKHK	19	>PTEN-K62I-r RFLDSKHI	478	459
>PTEN-K62I-1 RFLDSKHKNF	227	>PTEN-K62I-r RFLDSKHINH	191	36
>PTEN-K62I-1 RFLDSKHK	73	>PTEN-K62I-r RFLDSKHI	7628	7555
>PTEN-K62I-1 RFLDSKHKNF	893	>PTEN-K62I-r RFLDSKHINH	371	522
>PTEN-K62I-1 RFLDSKHKNF	697	>PTEN-K62I-r RFLDSKHINH	335	362
>PTEN-K62I-1 RFLDSKHK	66	>PTEN-K62I-r RFLDSKHI	15506	15440
>PTEN-K62I-1 VRFLDSKHK	32742	>PTEN-K62I-r VRFLDSKHI	473	32269
>PTEN-K62I-1 VRFLDSKHK	2070	>PTEN-K62I-r VRFLDSKHI	353	1717
>PTEN-K62I-1 VRFLDSKHK	137	>PTEN-K62I-r VRFLDSKHI	197	60
>PTEN-K62I-1 VVRFLDSKHK	408	>PTEN-K62I-r VVRFLDSKHI	24951	24543
>PTEN-K62I-1 VVRFLDSKHK	13	>PTEN-K62I-r VVRFLDSKHI	201	188
>PTEN-K62R- KNHYKIYNLC	497	>PTEN-K62R- RNHYKIYNLC	451	46
>PTEN-K62R- KNHYKIYNL	1052	>PTEN-K62R- RNHYKIYNL	372	680
>PTEN-K62R- HKNHYKIY	7	>PTEN-K62R- HRNHYKIY	55	48
>PTEN-K62R- HKNHYKIYNL	68	>PTEN-K62R- HRNHYKIYNL	435	367
>PTEN-K62R- HKNHYKIY	11036	>PTEN-K62R- HRNHYKIY	370	10666
>PTEN-K62R- HKNHYKIYNL	983	>PTEN-K62R- HRNHYKIYNL	17	966
>PTEN-K62R- HKNHYKIYNL	566	>PTEN-K62R- HRNHYKIYNL	235	331
>PTEN-K62R- DVVRFLDSKH	2693	>PTEN-K62R- DVVRFLDSKH	120	2573
>PTEN-K62R- DVVRFLDSKH	102	>PTEN-K62R- DVVRFLDSKH	36	66
>PTEN-K62R- KHKNHYKI	1305	>PTEN-K62R- KHRNHYKI	210	1095
>PTEN-K62R- KHKNHYKI	742	>PTEN-K62R- KHRNHYKI	415	327
>PTEN-K62R- KHKNHYKIY	10	>PTEN-K62R- KHRNHYKIY	6	4
>PTEN-K62R- KHKNHYKIYN	206	>PTEN-K62R- KHRNHYKIYN	109	97
>PTEN-K62R- SKHKNHYK	78	>PTEN-K62R- SKHRNHYK	38	40
>PTEN-K62R- SKHKNHYKI	129	>PTEN-K62R- SKHRNHYKI	113	16
>PTEN-K62R- SKHKNHYKIY	6	>PTEN-K62R- SKHRNHYKIY	6	0

>PTEN-K62R- DSKHKNHY	383	>PTEN-K62R- DSKHRNHY	370	13
>PTEN-K62R- DSKHKNHYK	121	>PTEN-K62R- DSKHRNHYK	76	45
>PTEN-K62R- DSKHKNHY	289	>PTEN-K62R- DSKHRNHY	255	34
>PTEN-K62R- DSKHKNHYK	342	>PTEN-K62R- DSKHRNHYK	212	130
>PTEN-K62R- DSKHKNHYK	155	>PTEN-K62R- DSKHRNHYK	66	89
>PTEN-K62R- DSKHKNHYK	77	>PTEN-K62R- DSKHRNHYK	43	34
>PTEN-K62R- LDSKHKNHYK	229	>PTEN-K62R- LDSKHRNHYK	360	131
>PTEN-K62R- FLDSKHKNHY	86	>PTEN-K62R- FLDSKHRNHY	71	15
>PTEN-K62R- FLDSKHKNHY	273	>PTEN-K62R- FLDSKHRNHY	270	3
>PTEN-K62R- FLDSKHKNHY	226	>PTEN-K62R- FLDSKHRNHY	230	4
>PTEN-K62R- FLDSKHKNHY	724	>PTEN-K62R- FLDSKHRNHY	428	296
>PTEN-K62R- FLDSKHKNHY	512	>PTEN-K62R- FLDSKHRNHY	400	112
>PTEN-K62R- RFLDSKHKNF	91	>PTEN-K62R- RFLDSKHRNF	68	23
>PTEN-K62R- RFLDSKHK	19	>PTEN-K62R- RFLDSKHR	2081	2062
>PTEN-K62R- RFLDSKHKNF	227	>PTEN-K62R- RFLDSKHRNF	155	72
>PTEN-K62R- RFLDSKHK	73	>PTEN-K62R- RFLDSKHR	10	63
>PTEN-K62R- RFLDSKHKNF	893	>PTEN-K62R- RFLDSKHRNF	356	537
>PTEN-K62R- RFLDSKHK	66	>PTEN-K62R- RFLDSKHR	16	50
>PTEN-K62R- VRFLDSKHK	137	>PTEN-K62R- VRFLDSKHR	195	58
>PTEN-K62R- VVRFLDSKHK	408	>PTEN-K62R- VVRFLDSKHR	6263	5855
>PTEN-K62R- VVRFLDSKHK	13	>PTEN-K62R- VVRFLDSKHR	825	812
>PTEN-K62R- VVRFLDSKHK	3442	>PTEN-K62R- VVRFLDSKHR	214	3228
>PTEN-K66E- KIYNLCAER	78	>PTEN-K66E- EIYNLCAER	4912	4834
>PTEN-K66E- KIYNLCAERH'	107	>PTEN-K66E- EIYNLCAERH'	5561	5454
>PTEN-K66E- KIYNLCAER	157	>PTEN-K66E- EIYNLCAER	4224	4067
>PTEN-K66E- KIYNLCAERH'	15797	>PTEN-K66E- EIYNLCAERH'	141	15656
>PTEN-K66E- KIYNLCAERH'	3121	>PTEN-K66E- EIYNLCAERH'	28	3093
>PTEN-K66E- KIYNLCAERH'	10833	>PTEN-K66E- EIYNLCAERH'	451	10382
>PTEN-K66E- KIYNLCAERH'	233	>PTEN-K66E- EIYNLCAERH'	530	297
>PTEN-K66E- KIYNLCAERH'	59	>PTEN-K66E- EIYNLCAERH'	847	788
>PTEN-K66E- KIYNLCAER	10	>PTEN-K66E- EIYNLCAER	190	180
>PTEN-K66E- KIYNLCAER	885	>PTEN-K66E- EIYNLCAER	20	865
>PTEN-K66E- KIYNLCAER	119	>PTEN-K66E- EIYNLCAER	3	116
>PTEN-K66E- KIYNLCAERH'	9484	>PTEN-K66E- EIYNLCAERH'	241	9243
>PTEN-K66E- KIYNLCAERH'	233	>PTEN-K66E- EIYNLCAERH'	4326	4093
>PTEN-K66E- KIYNLCAERH'	76	>PTEN-K66E- EIYNLCAERH'	283	207
>PTEN-K66E- KIYNLCAERH'	226	>PTEN-K66E- EIYNLCAERH'	1692	1466
>PTEN-K66E- KIYNLCAERH'	132	>PTEN-K66E- EIYNLCAERH'	4649	4517
>PTEN-K66E- KIYNLCAERH'	453	>PTEN-K66E- EIYNLCAERH'	3668	3215
>PTEN-K66E- KIYNLCAER	40	>PTEN-K66E- EIYNLCAER	340	300
>PTEN-K66E- YKIYNLCA	11810	>PTEN-K66E- YEIYNLCA	21	11789
>PTEN-K66E- YKIYNLCA	112	>PTEN-K66E- YEIYNLCA	3260	3148
>PTEN-K66E- YKIYNLCAE	469	>PTEN-K66E- YEIYNLCAE	10312	9843

>PTEN-K66E-YKIYNLCAER	117	>PTEN-K66E-YEIYNLCAER	2425	2308
>PTEN-K66E-YKIYNLCAERH	301	>PTEN-K66E-YEIYNLCAERH	6605	6304
>PTEN-K66E-YKIYNLCA	23285	>PTEN-K66E-YEIYNLCA	87	23198
>PTEN-K66E-YKIYNLCAER	29224	>PTEN-K66E-YEIYNLCAER	449	28775
>PTEN-K66E-YKIYNLCA	26468	>PTEN-K66E-YEIYNLCA	117	26351
>PTEN-K66E-YKIYNLCAE	25884	>PTEN-K66E-YEIYNLCAE	209	25675
>PTEN-K66E-FLDSKHKNHY	273	>PTEN-K66E-FLDSKHKNHY	723	450
>PTEN-K66E-FLDSKHKNHY	226	>PTEN-K66E-FLDSKHKNHY	1212	986
>PTEN-K66E-HYKIYNLCA	22	>PTEN-K66E-HYEIYNLCA	5042	5020
>PTEN-K66E-HYKIYNLCAE	120	>PTEN-K66E-HYEIYNLCAE	9876	9756
>PTEN-K66E-HYKIYNLCAE	9	>PTEN-K66E-HYEIYNLCAE	51	42
>PTEN-K66E-HYKIYNLCAE	13	>PTEN-K66E-HYEIYNLCAE	45	32
>PTEN-K66E-HYKIYNLCAE	272	>PTEN-K66E-HYEIYNLCAE	293	21
>PTEN-K66E-HYKIYNLCAE	26	>PTEN-K66E-HYEIYNLCAE	30	4
>PTEN-K66E-NHYKIYNL	145	>PTEN-K66E-NHYEIYNL	173	28
>PTEN-K66E-NHYKIYNL	67	>PTEN-K66E-NHYEIYNL	25	42
>PTEN-K66E-KNHYKIYNLC	497	>PTEN-K66E-KNHYEIYNLC	1013	516
>PTEN-K66E-HKNHYKIY	7	>PTEN-K66E-HKNHYEIY	8	1
>PTEN-K66E-HKNHYKIYNL	68	>PTEN-K66E-HKNHYEIYNL	38	30
>PTEN-K66E-HKNHYKIYNL	566	>PTEN-K66E-HKNHYEIYNL	470	96
>PTEN-K66E-KHKNHYKI	742	>PTEN-K66E-KHKNHYEI	369	373
>PTEN-K66E-KHKNHYKIY	10	>PTEN-K66E-KHKNHYEIY	17	7
>PTEN-K66E-KHKNHYKIYN	206	>PTEN-K66E-KHKNHYEIYN	190	16
>PTEN-K66E-SKHKNHYKI	2147	>PTEN-K66E-SKHKNHYEI	457	1690
>PTEN-K66E-SKHKNHYK	78	>PTEN-K66E-SKHKNHYE	14313	14235
>PTEN-K66E-SKHKNHYKI	129	>PTEN-K66E-SKHKNHYEI	61	68
>PTEN-K66E-SKHKNHYKIY	6	>PTEN-K66E-SKHKNHYEIY	7	1
>PTEN-K66E-DSKHKNHYKI	858	>PTEN-K66E-DSKHKNHYEI	489	369
>PTEN-K66E-DSKHKNHYK	121	>PTEN-K66E-DSKHKNHYE	14035	13914
>PTEN-K66E-DSKHKNHYK	342	>PTEN-K66E-DSKHKNHYE	12800	12458
>PTEN-K66E-DSKHKNHYK	155	>PTEN-K66E-DSKHKNHYE	5318	5163
>PTEN-K66E-DSKHKNHYK	77	>PTEN-K66E-DSKHKNHYE	12603	12526
>PTEN-K66E-LDSKHKNHYK	229	>PTEN-K66E-LDSKHKNHYE	196	33
>PTEN-K66N-KIYNLCAER	78	>PTEN-K66N-NIYNLCAER	2975	2897
>PTEN-K66N-KIYNLCAERH	107	>PTEN-K66N-NIYNLCAERH	3429	3322
>PTEN-K66N-KIYNLCAER	157	>PTEN-K66N-NIYNLCAER	2455	2298
>PTEN-K66N-KIYNLCAERH	233	>PTEN-K66N-NIYNLCAERH	236	3
>PTEN-K66N-KIYNLCAERH	59	>PTEN-K66N-NIYNLCAERH	573	514
>PTEN-K66N-KIYNLCAER	10	>PTEN-K66N-NIYNLCAER	81	71
>PTEN-K66N-KIYNLCAER	885	>PTEN-K66N-NIYNLCAER	32	853
>PTEN-K66N-KIYNLCAER	119	>PTEN-K66N-NIYNLCAER	9	110
>PTEN-K66N-KIYNLCAERH	233	>PTEN-K66N-NIYNLCAERH	1246	1013
>PTEN-K66N-KIYNLCAERH	76	>PTEN-K66N-NIYNLCAERH	184	108

>PTEN-K66N·KIYNLCAERH'	226	>PTEN-K66N·NIYNLCAERH	1814	1588
>PTEN-K66N·KIYNLCAERH'	132	>PTEN-K66N·NIYNLCAERH	7623	7491
>PTEN-K66N·KIYNLCAERH'	453	>PTEN-K66N·NIYNLCAERH	2859	2406
>PTEN-K66N·KIYNLCAER	40	>PTEN-K66N·NIYNLCAER	311	271
>PTEN-K66N·YKIYNLCAER	710	>PTEN-K66N·YNIYNLCAER	253	457
>PTEN-K66N·YKIYNLCA	112	>PTEN-K66N·YNIYNLCA	5232	5120
>PTEN-K66N·YKIYNLCAE	469	>PTEN-K66N·YNIYNLCAE	14150	13681
>PTEN-K66N·YKIYNLCAER	117	>PTEN-K66N·YNIYNLCAER	3822	3705
>PTEN-K66N·YKIYNLCAERI	301	>PTEN-K66N·YNIYNLCAERI	9279	8978
>PTEN-K66N·FLDSKHKNHY	273	>PTEN-K66N·FLDSKHKNHY	202	71
>PTEN-K66N·FLDSKHKNHY	226	>PTEN-K66N·FLDSKHKNHY	1389	1163
>PTEN-K66N·HYKIYNLCA	22	>PTEN-K66N·HYNIYNLCA	620	598
>PTEN-K66N·HYKIYNLCAEI	120	>PTEN-K66N·HYNIYNLCAE	2917	2797
>PTEN-K66N·HYKIYNLCAEI	9	>PTEN-K66N·HYNIYNLCAE	12	3
>PTEN-K66N·HYKIYNLCAEI	13	>PTEN-K66N·HYNIYNLCAE	20	7
>PTEN-K66N·HYKIYNLCAEI	272	>PTEN-K66N·HYNIYNLCAE	150	122
>PTEN-K66N·HYKIYNLCAEI	26	>PTEN-K66N·HYNIYNLCAE	28	2
>PTEN-K66N·NHYKIYNL	145	>PTEN-K66N·NHYNIYNL	130	15
>PTEN-K66N·NHYKIYNL	67	>PTEN-K66N·NHYNIYNL	46	21
>PTEN-K66N·KNHYKIYNLC	497	>PTEN-K66N·KNHYNIYNLC	392	105
>PTEN-K66N·HKNHYKIY	2068	>PTEN-K66N·HKNHYNIY	494	1574
>PTEN-K66N·HKNHYKIY	7	>PTEN-K66N·HKNHYNIY	6	1
>PTEN-K66N·HKNHYKIYNL	68	>PTEN-K66N·HKNHYNIYNL	28	40
>PTEN-K66N·HKNHYKIYNL	566	>PTEN-K66N·HKNHYNIYNL	236	330
>PTEN-K66N·KHKNHYKIY	2608	>PTEN-K66N·KHKNHYNIY	394	2214
>PTEN-K66N·KHKNHYKI	742	>PTEN-K66N·KHKNHYNI	341	401
>PTEN-K66N·KHKNHYKIY	10	>PTEN-K66N·KHKNHYNIY	12	2
>PTEN-K66N·KHKNHYKIYN	206	>PTEN-K66N·KHKNHYNIYN	136	70
>PTEN-K66N·SKHKNHYK	78	>PTEN-K66N·SKHKNHYN	13116	13038
>PTEN-K66N·SKHKNHYKI	129	>PTEN-K66N·SKHKNHYNI	54	75
>PTEN-K66N·SKHKNHYKIY	6	>PTEN-K66N·SKHKNHYNIY	6	0
>PTEN-K66N·DSKHKNHYKI	858	>PTEN-K66N·DSKHKNHYN	465	393
>PTEN-K66N·DSKHKNHYK	121	>PTEN-K66N·DSKHKNHYN	11221	11100
>PTEN-K66N·DSKHKNHYKI	698	>PTEN-K66N·DSKHKNHYN	201	497
>PTEN-K66N·DSKHKNHYK	342	>PTEN-K66N·DSKHKNHYN	13015	12673
>PTEN-K66N·DSKHKNHYK	155	>PTEN-K66N·DSKHKNHYN	6036	5881
>PTEN-K66N·DSKHKNHYK	77	>PTEN-K66N·DSKHKNHYN	15542	15465
>PTEN-K66N·LDSKHKNHYK	229	>PTEN-K66N·LDSKHKNHYN	222	7
>PTEN-K66Q·KIYNLCAER	78	>PTEN-K66Q·QIYNLCAER	898	820
>PTEN-K66Q·KIYNLCAERH'	107	>PTEN-K66Q·QIYNLCAERH	1229	1122
>PTEN-K66Q·KIYNLCAER	157	>PTEN-K66Q·QIYNLCAER	826	669
>PTEN-K66Q·KIYNLCAERH'	233	>PTEN-K66Q·QIYNLCAERH	120	113
>PTEN-K66Q·KIYNLCAERH'	59	>PTEN-K66Q·QIYNLCAERH	316	257

>PTEN-K66Q: KIYNLCAER	10	>PTEN-K66Q: QIYNLCAER	44	34
>PTEN-K66Q: KIYNLCAER	885	>PTEN-K66Q: QIYNLCAER	107	778
>PTEN-K66Q: KIYNLCAER	119	>PTEN-K66Q: QIYNLCAER	15	104
>PTEN-K66Q: KIYNLCAERH'	233	>PTEN-K66Q: QIYNLCAERH	964	731
>PTEN-K66Q: KIYNLCAERH'	76	>PTEN-K66Q: QIYNLCAERH	111	35
>PTEN-K66Q: KIYNLCAERH'	226	>PTEN-K66Q: QIYNLCAERH	540	314
>PTEN-K66Q: KIYNLCAERH'	132	>PTEN-K66Q: QIYNLCAERH	1372	1240
>PTEN-K66Q: KIYNLCAERH'	453	>PTEN-K66Q: QIYNLCAERH	1098	645
>PTEN-K66Q: KIYNLCAER	40	>PTEN-K66Q: QIYNLCAER	218	178
>PTEN-K66Q: YKIYNLCA	17601	>PTEN-K66Q: YQIYNLCA	104	17497
>PTEN-K66Q: YKIYNLCA	8647	>PTEN-K66Q: YQIYNLCA	400	8247
>PTEN-K66Q: YKIYNLCA	3993	>PTEN-K66Q: YQIYNLCA	14	3979
>PTEN-K66Q: YKIYNLCAE	18439	>PTEN-K66Q: YQIYNLCAE	270	18169
>PTEN-K66Q: YKIYNLCA	10712	>PTEN-K66Q: YQIYNLCA	393	10319
>PTEN-K66Q: YKIYNLCAER	884	>PTEN-K66Q: YQIYNLCAER	107	777
>PTEN-K66Q: YKIYNLCAER	710	>PTEN-K66Q: YQIYNLCAER	41	669
>PTEN-K66Q: YKIYNLCA	16069	>PTEN-K66Q: YQIYNLCA	195	15874
>PTEN-K66Q: YKIYNLCAE	18164	>PTEN-K66Q: YQIYNLCAE	248	17916
>PTEN-K66Q: YKIYNLCAERH	17466	>PTEN-K66Q: YQIYNLCAERH	393	17073
>PTEN-K66Q: YKIYNLCA	112	>PTEN-K66Q: YQIYNLCA	104	8
>PTEN-K66Q: YKIYNLCAE	469	>PTEN-K66Q: YQIYNLCAE	475	6
>PTEN-K66Q: YKIYNLCAER	117	>PTEN-K66Q: YQIYNLCAER	107	10
>PTEN-K66Q: YKIYNLCAERH	301	>PTEN-K66Q: YQIYNLCAERH	292	9
>PTEN-K66Q: FLDSKHKNHY	1452	>PTEN-K66Q: FLDSKHKNHY	181	1271
>PTEN-K66Q: FLDSKHKNHY	273	>PTEN-K66Q: FLDSKHKNHY	82	191
>PTEN-K66Q: FLDSKHKNHY	2808	>PTEN-K66Q: FLDSKHKNHY	311	2497
>PTEN-K66Q: FLDSKHKNHY	226	>PTEN-K66Q: FLDSKHKNHY	28	198
>PTEN-K66Q: HYKIYNLCA	22	>PTEN-K66Q: HYQIYNLCA	1770	1748
>PTEN-K66Q: HYKIYNLCAEI	120	>PTEN-K66Q: HYQIYNLCAE	5358	5238
>PTEN-K66Q: HYKIYNLCAEI	9	>PTEN-K66Q: HYQIYNLCAE	17	8
>PTEN-K66Q: HYKIYNLCAEI	13	>PTEN-K66Q: HYQIYNLCAE	20	7
>PTEN-K66Q: HYKIYNLCAEI	272	>PTEN-K66Q: HYQIYNLCAE	398	126
>PTEN-K66Q: HYKIYNLCAEI	26	>PTEN-K66Q: HYQIYNLCAE	28	2
>PTEN-K66Q: NHYKIYNL	145	>PTEN-K66Q: NHYQIYNL	111	34
>PTEN-K66Q: NHYKIYNLC	568	>PTEN-K66Q: NHYQIYNLC	417	151
>PTEN-K66Q: NHYKIYNL	67	>PTEN-K66Q: NHYQIYNL	37	30
>PTEN-K66Q: KNHYKIYNLC	497	>PTEN-K66Q: KNHYQIYNLC	324	173
>PTEN-K66Q: HKNHYKIY	7	>PTEN-K66Q: HKNHYQIY	5	2
>PTEN-K66Q: HKNHYKIYNL	68	>PTEN-K66Q: HKNHYQIYNL	34	34
>PTEN-K66Q: HKNHYKIYNL	566	>PTEN-K66Q: HKNHYQIYNL	368	198
>PTEN-K66Q: KHKNHYKIY	10	>PTEN-K66Q: KHKNHYQIY	7	3
>PTEN-K66Q: KHKNHYKIYN	206	>PTEN-K66Q: KHKNHYQIYN	133	73
>PTEN-K66Q: SKHKNHYK	78	>PTEN-K66Q: SKHKNHYQ	8387	8309



>PTEN-K66Q: SKHKNHYKI	129	>PTEN-K66Q: SKHKNHYQI	101	28
>PTEN-K66Q: SKHKNHYKIY	6	>PTEN-K66Q: SKHKNHYQIY	5	1
>PTEN-K66Q: DSKHKNHYK	121	>PTEN-K66Q: DSKHKNHYQ	9880	9759
>PTEN-K66Q: DSKHKNHYKI	698	>PTEN-K66Q: DSKHKNHYQ	499	199
>PTEN-K66Q: DSKHKNHYK	342	>PTEN-K66Q: DSKHKNHYQ	9531	9189
>PTEN-K66Q: DSKHKNHYK	155	>PTEN-K66Q: DSKHKNHYQ	3180	3025
>PTEN-K66Q: DSKHKNHYK	77	>PTEN-K66Q: DSKHKNHYQ	4987	4910
>PTEN-K66Q: LDSKHKNHYK	229	>PTEN-K66Q: LDSKHKNHYC	221	8
>PTEN-K6I-w KEIVSRNKRR'	1780	>PTEN-K6I-m IEIVSRNKRRY	135	1645
>PTEN-K6I-w KEIVSRNKRR'	321	>PTEN-K6I-m IEIVSRNKRRY	534	213
>PTEN-K6I-w KEIVSRNKRR	358	>PTEN-K6I-m IEIVSRNKRR	2829	2471
>PTEN-K6I-w IKEIVSRNKR	2093	>PTEN-K6I-m IIEIVSRNKR	127	1966
>PTEN-K6I-w IKEIVSRNKR	14453	>PTEN-K6I-m IIEIVSRNKR	256	14197
>PTEN-K6I-w IKEIVSRNKRR	10904	>PTEN-K6I-m IIEIVSRNKRR	498	10406
>PTEN-K6I-w IIEIVSRNK	201	>PTEN-K6I-m IIIIEIVSRNK	75	126
>PTEN-K6I-w IIEIVSRNK	524	>PTEN-K6I-m IIIIEIVSRNK	59	465
>PTEN-K6I-w IIEIVSRNK	31	>PTEN-K6I-m IIIIEIVSRNK	1937	1906
>PTEN-K6I-w IIEIVSR	30	>PTEN-K6I-m IIIIEIVSR	139	109
>PTEN-K6I-w IIEIVSRNKR	24	>PTEN-K6I-m IIIIEIVSRNKR	120	96
>PTEN-K6I-w IIEIVSR	71	>PTEN-K6I-m IIIIEIVSR	115	44
>PTEN-K6I-w IIEIVSRNKR	117	>PTEN-K6I-m IIIIEIVSRNKR	201	84
>PTEN-K6I-w IIEIVSR	66	>PTEN-K6I-m IIIIEIVSR	13	53
>PTEN-K6I-w IIEIVSRNK	1962	>PTEN-K6I-m IIIIEIVSRNK	188	1774
>PTEN-K6I-w IIEIVSRNKR	40	>PTEN-K6I-m IIIIEIVSRNKR	11	29
>PTEN-K6I-w IIEIVSR	184	>PTEN-K6I-m IIIIEIVSR	120	64
>PTEN-K6I-w IIEIVSRNKR	534	>PTEN-K6I-m IIIIEIVSRNKR	322	212
>PTEN-K6I-w AIIKEIVSRNK	271	>PTEN-K6I-m AIIIIEIVSRNK	610	339
>PTEN-K6I-w AIIKEIVSRNK	59	>PTEN-K6I-m AIIIIEIVSRNK	71	12
>PTEN-K6I-w AIIKEIVSRNK	360	>PTEN-K6I-m AIIIIEIVSRNK	545	185
>PTEN-K6I-w AIIKEIVSR	388	>PTEN-K6I-m AIIIIEIVSR	315	73
>PTEN-K6I-w AIIKEIVSR	131	>PTEN-K6I-m AIIIIEIVSR	167	36
>PTEN-K6I-w AIIKEIVSR	326	>PTEN-K6I-m AIIIIEIVSR	546	220
>PTEN-K6I-w TAIKEIVSR	406	>PTEN-K6I-m TAIIEIVSR	306	100
>PTEN-K6I-w TAIKEIVSR	24	>PTEN-K6I-m TAIIEIVSR	10	14
>PTEN-K6I-w TAIKEIV	224	>PTEN-K6I-m TAIIEIV	29	195
>PTEN-K6I-w MTAIKEI	4161	>PTEN-K6I-m MTAIIEI	191	3970
>PTEN-K6I-w MTAIKEIV	5388	>PTEN-K6I-m MTAIIEIV	263	5125
>PTEN-K6I-w MTAIKEI	121	>PTEN-K6I-m MTAIIEI	24	97
>PTEN-K6I-w MTAIKEIV	86	>PTEN-K6I-m MTAIIEIV	13	73
>PTEN-K6I-w MTAIKEI	601	>PTEN-K6I-m MTAIIEI	178	423
>PTEN-K6I-w MTAIKEIV	1059	>PTEN-K6I-m MTAIIEIV	62	997
>PTEN-K6I-w MTAIKEI	1163	>PTEN-K6I-m MTAIIEI	115	1048
>PTEN-K6I-w MTAIKEIV	1244	>PTEN-K6I-m MTAIIEIV	33	1211

>PTEN-K6I-w MTAIKEI	1149	>PTEN-K6I-m MTAIIEI	146	1003
>PTEN-K6I-w MTAIKEIV	836	>PTEN-K6I-m MTAIIEIV	56	780
>PTEN-K6I-w MTAIKEIV	1627	>PTEN-K6I-m MTAIIEIV	167	1460
>PTEN-K6I-w MTAIKEIV	566	>PTEN-K6I-m MTAIIEIV	73	493
>PTEN-K6I-w MTAIKEIVSR	373	>PTEN-K6I-m MTAIIEIVSR	199	174
>PTEN-K6I-w MTAIKEIVSR	22	>PTEN-K6I-m MTAIIEIVSR	22	0
>PTEN-K6I-w MTAIKEI	1068	>PTEN-K6I-m MTAIIEI	331	737
>PTEN-K6I-w MTAIKEIVSR	145	>PTEN-K6I-m MTAIIEIVSR	106	39
>PTEN-K6I-w MTAIKEIVSR	2	>PTEN-K6I-m MTAIIEIVSR	2	0
>PTEN-K6I-w MTAIKEI	6	>PTEN-K6I-m MTAIIEI	4	2
>PTEN-K6I-w MTAIKEIV	5	>PTEN-K6I-m MTAIIEIV	4	1
>PTEN-K6I-w MTAIKEI	286	>PTEN-K6I-m MTAIIEI	41	245
>PTEN-K6I-w MTAIKEIV	129	>PTEN-K6I-m MTAIIEIV	39	90
>PTEN-K6I-w MTAIKEI	94	>PTEN-K6I-m MTAIIEI	62	32
>PTEN-K6I-w MTAIKEI	1780	>PTEN-K6I-m MTAIIEI	238	1542
>PTEN-K6I-w MTAIKEIV	2080	>PTEN-K6I-m MTAIIEIV	139	1941
>PTEN-K6I-w MTAIKEIV	155	>PTEN-K6I-m MTAIIEIV	213	58
>PTEN-K6I-w MTAIKEIVSR	684	>PTEN-K6I-m MTAIIEIVSR	383	301
>PTEN-K6I-w MTAIKEIVSR	379	>PTEN-K6I-m MTAIIEIVSR	316	63
>PTEN-K6I-w MTAIKEI	29	>PTEN-K6I-m MTAIIEI	24	5
>PTEN-K6R-v KEIVSRNKRR'	632	>PTEN-K6R-n REIVSRNKRR'	329	303
>PTEN-K6R-v KEIVSRNKRR'	321	>PTEN-K6R-n REIVSRNKRR'	315	6
>PTEN-K6R-v KEIVSRNKRR	358	>PTEN-K6R-n REIVSRNKRR	625	267
>PTEN-K6R-v IIEIVSRNK	201	>PTEN-K6R-n IIEIVSRNK	136	65
>PTEN-K6R-v IIEIVSRNK	31	>PTEN-K6R-n IIEIVSRNK	9	22
>PTEN-K6R-v IIEIVSR	30	>PTEN-K6R-n IIEIVSR	55	25
>PTEN-K6R-v IIEIVSRNKR	24	>PTEN-K6R-n IIEIVSRNKR	44	20
>PTEN-K6R-v IIEIVSR	71	>PTEN-K6R-n IIEIVSR	60	11
>PTEN-K6R-v IIEIVSRNKR	117	>PTEN-K6R-n IIEIVSRNKR	100	17
>PTEN-K6R-v IIEIVSR	66	>PTEN-K6R-n IIEIVSR	203	137
>PTEN-K6R-v IIEIVSRNKR	40	>PTEN-K6R-n IIEIVSRNKR	143	103
>PTEN-K6R-v IIEIVSR	184	>PTEN-K6R-n IIEIVSR	255	71
>PTEN-K6R-v AIIKEIVSRNK	271	>PTEN-K6R-n AIIKEIVSRNK	251	20
>PTEN-K6R-v AIIKEIVSR	531	>PTEN-K6R-n AIIKEIVSR	351	180
>PTEN-K6R-v AIIKEIVSRNK	59	>PTEN-K6R-n AIIKEIVSRNK	54	5
>PTEN-K6R-v AIIKEIVSRNK	360	>PTEN-K6R-n AIIKEIVSRNK	175	185
>PTEN-K6R-v AIIKEIVSR	388	>PTEN-K6R-n AIIKEIVSR	229	159
>PTEN-K6R-v AIIKEIVSR	131	>PTEN-K6R-n AIIKEIVSR	154	23
>PTEN-K6R-v AIIKEIVSR	326	>PTEN-K6R-n AIIKEIVSR	871	545
>PTEN-K6R-v TAIKEIVSR	406	>PTEN-K6R-n TAIKEIVSR	227	179
>PTEN-K6R-v TAIKEIVSR	1237	>PTEN-K6R-n TAIKEIVSR	461	776
>PTEN-K6R-v TAIKEIVSR	24	>PTEN-K6R-n TAIKEIVSR	18	6
>PTEN-K6R-v TAIKEIV	224	>PTEN-K6R-n TAIKEIV	174	50

>PTEN-K6R-v MTAIIKEI	121	>PTEN-K6R-n MTAIIREI	97	24
>PTEN-K6R-v MTAIIKEIV	86	>PTEN-K6R-n MTAIIREIV	59	27
>PTEN-K6R-v MTAIIKEI	601	>PTEN-K6R-n MTAIIREI	463	138
>PTEN-K6R-v MTAIIKEIV	566	>PTEN-K6R-n MTAIIREIV	450	116
>PTEN-K6R-v MTAIIKEIVSR	373	>PTEN-K6R-n MTAIIREIVSR	241	132
>PTEN-K6R-v MTAIIKEIVSR	22	>PTEN-K6R-n MTAIIREIVSR	18	4
>PTEN-K6R-v MTAIIKEIVSR	145	>PTEN-K6R-n MTAIIREIVSR	86	59
>PTEN-K6R-v MTAIIKEIVSR	2	>PTEN-K6R-n MTAIIREIVSR	2	0
>PTEN-K6R-v MTAIIKEI	6	>PTEN-K6R-n MTAIIREI	5	1
>PTEN-K6R-v MTAIIKEIV	5	>PTEN-K6R-n MTAIIREIV	4	1
>PTEN-K6R-v MTAIIKEI	286	>PTEN-K6R-n MTAIIREI	250	36
>PTEN-K6R-v MTAIIKEIV	129	>PTEN-K6R-n MTAIIREIV	140	11
>PTEN-K6R-v MTAIIKEI	94	>PTEN-K6R-n MTAIIREI	145	51
>PTEN-K6R-v MTAIIKEIV	155	>PTEN-K6R-n MTAIIREIV	151	4
>PTEN-K6R-v MTAIIKEIVSR	379	>PTEN-K6R-n MTAIIREIVSR	414	35
>PTEN-K6R-v MTAIIKEI	29	>PTEN-K6R-n MTAIIREI	30	1
>PTEN-K80E- KFNCRVAQYF	235	>PTEN-K80E- EFNCRVAQYF	1134	899
>PTEN-K80E- KFNCRVAQYF	412	>PTEN-K80E- EFNCRVAQYF	1345	933
>PTEN-K80E- KFNCRVAQYF	140	>PTEN-K80E- EFNCRVAQYF	1265	1125
>PTEN-K80E- KFNCRVAQY	13262	>PTEN-K80E- EFNCRVAQY	352	12910
>PTEN-K80E- KFNCRVAQY	167	>PTEN-K80E- EFNCRVAQY	414	247
>PTEN-K80E- KFNCRVAQY	377	>PTEN-K80E- EFNCRVAQY	11400	11023
>PTEN-K80E- KFNCRVAQYF	170	>PTEN-K80E- EFNCRVAQYF	8511	8341
>PTEN-K80E- KFNCRVAQYF	101	>PTEN-K80E- EFNCRVAQYF	4334	4233
>PTEN-K80E- KFNCRVAQYF	431	>PTEN-K80E- EFNCRVAQYF	2381	1950
>PTEN-K80E- KFNCRVAQYF	331	>PTEN-K80E- EFNCRVAQYF	2183	1852
>PTEN-K80E- KFNCRVAQYF	3200	>PTEN-K80E- EFNCRVAQYF	362	2838
>PTEN-K80E- KFNCRVAQY	131	>PTEN-K80E- EFNCRVAQY	268	137
>PTEN-K80E- AKFNCRVAQ`	381	>PTEN-K80E- AEFNCRVAQ`	652	271
>PTEN-K80E- AKFNCRVAQ`	197	>PTEN-K80E- AEFNCRVAQ`	298	101
>PTEN-K80E- AKFNCRVAQ`	1463	>PTEN-K80E- AEFNCRVAQ`	173	1290
>PTEN-K80E- AKFNCRVA	52	>PTEN-K80E- AEFNCRVA	1739	1687
>PTEN-K80E- AKFNCRVAQ	43	>PTEN-K80E- AEFNCRVAQ	828	785
>PTEN-K80E- AKFNCRVAQ`	3	>PTEN-K80E- AEFNCRVAQ`	31	28
>PTEN-K80E- AKFNCRVAQ`	114	>PTEN-K80E- AEFNCRVAQ`	3457	3343
>PTEN-K80E- AKFNCRVAQ`	22188	>PTEN-K80E- AEFNCRVAQ`	373	21815
>PTEN-K80E- AKFNCRVA	9601	>PTEN-K80E- AEFNCRVA	18	9583
>PTEN-K80E- AKFNCRVAQ	16937	>PTEN-K80E- AEFNCRVAQ	42	16895
>PTEN-K80E- AKFNCRVAQ`	28165	>PTEN-K80E- AEFNCRVAQ`	344	27821
>PTEN-K80E- AKFNCRVAQ`	27665	>PTEN-K80E- AEFNCRVAQ`	314	27351
>PTEN-K80E- AKFNCRVAQ`	2422	>PTEN-K80E- AEFNCRVAQ`	24	2398
>PTEN-K80E- AKFNCRVA	26205	>PTEN-K80E- AEFNCRVA	472	25733
>PTEN-K80E- AKFNCRVAQ	24126	>PTEN-K80E- AEFNCRVAQ	367	23759

>PTEN-K80E-AKFNCRVAQ`	2470	>PTEN-K80E-AEFNCRVAQ`	27	2443
>PTEN-K80E-AKFNCRVAQ`	24955	>PTEN-K80E-AEFNCRVAQ`	420	24535
>PTEN-K80E-AKFNCRVA	9391	>PTEN-K80E-AEFNCRVA	12	9379
>PTEN-K80E-AKFNCRVAQ`	13232	>PTEN-K80E-AEFNCRVAQ`	331	12901
>PTEN-K80E-TAKFNCRVAC	362	>PTEN-K80E-TAEFNCRVAC	6538	6176
>PTEN-K80E-TAKFNCRVAC	97	>PTEN-K80E-TAEFNCRVAC	178	81
>PTEN-K80E-DTAKFNCRV	3983	>PTEN-K80E-DTAEFNCRV	268	3715
>PTEN-K80E-DTAKFNCR	20	>PTEN-K80E-DTAEFNCR	16	4
>PTEN-K80E-DTAKFNCR	3	>PTEN-K80E-DTAEFNCR	2	1
>PTEN-K80E-DTAKFNCRV/	171	>PTEN-K80E-DTAEFNCRV/	126	45
>PTEN-K80E-DTAKFNCRV	12	>PTEN-K80E-DTAEFNCRV	7	5
>PTEN-K80E-DTAKFNCRV/	460	>PTEN-K80E-DTAEFNCRV/	99	361
>PTEN-K80E-DTAKFNCRV	7	>PTEN-K80E-DTAEFNCRV	3	4
>PTEN-K80E-DTAKFNCRV/	1729	>PTEN-K80E-DTAEFNCRV/	361	1368
>PTEN-K80E-YDTAKFNCRV	183	>PTEN-K80E-YDTAEFNCRV	106	77
>PTEN-K80E-HYDTAKFNCF	204	>PTEN-K80E-HYDTAEFNCF	539	335
>PTEN-K80E-HYDTAKFNCF	29	>PTEN-K80E-HYDTAEFNCF	34	5
>PTEN-K80E-RHYDTAKF	418	>PTEN-K80E-RHYDTAEF	294	124
>PTEN-K80E-RHYDTAKF	791	>PTEN-K80E-RHYDTAEF	366	425
>PTEN-K80E-RHYDTAKFNC	374	>PTEN-K80E-RHYDTAEFNC	672	298
>PTEN-K80E-RHYDTAKF	7	>PTEN-K80E-RHYDTAEF	5	2
>PTEN-K80E-RHYDTAKF	384	>PTEN-K80E-RHYDTAEF	496	112
>PTEN-K80E-RHYDTAKF	71	>PTEN-K80E-RHYDTAEF	55	16
>PTEN-K80E-RHYDTAKFNC	71	>PTEN-K80E-RHYDTAEFNC	78	7
>PTEN-K80E-ERHYDTAKF	202	>PTEN-K80E-ERHYDTAEF	74	128
>PTEN-K80E-AERHYDTAKF	610	>PTEN-K80E-AERHYDTAEF	144	466
>PTEN-K80E-AERHYDTAKF	33	>PTEN-K80E-AERHYDTAEF	17	16
>PTEN-K80E-AERHYDTAKF	83	>PTEN-K80E-AERHYDTAEF	43	40
>PTEN-K80E-AERHYDTAKF	256	>PTEN-K80E-AERHYDTAEF	125	131
>PTEN-K80E-AERHYDTAKF	258	>PTEN-K80E-AERHYDTAEF	520	262
>PTEN-K80E-CAERHYDTAK	668	>PTEN-K80E-CAERHYDTAE	201	467
>PTEN-K80N-KFNCRVAQY	235	>PTEN-K80N-NFNCRVAQY	399	164
>PTEN-K80N-KFNCRVAQY	412	>PTEN-K80N-NFNCRVAQY	1397	985
>PTEN-K80N-KFNCRVAQY	140	>PTEN-K80N-NFNCRVAQY	348	208
>PTEN-K80N-KFNCRVAQY	167	>PTEN-K80N-NFNCRVAQY	128	39
>PTEN-K80N-KFNCRVAQY	377	>PTEN-K80N-NFNCRVAQY	8418	8041
>PTEN-K80N-KFNCRVAQY	170	>PTEN-K80N-NFNCRVAQY	5307	5137
>PTEN-K80N-KFNCRVAQY	101	>PTEN-K80N-NFNCRVAQY	7292	7191
>PTEN-K80N-KFNCRVAQY	431	>PTEN-K80N-NFNCRVAQY	1470	1039
>PTEN-K80N-KFNCRVAQY	331	>PTEN-K80N-NFNCRVAQY	2092	1761
>PTEN-K80N-KFNCRVAQY	3200	>PTEN-K80N-NFNCRVAQY	483	2717
>PTEN-K80N-KFNCRVAQY	131	>PTEN-K80N-NFNCRVAQY	345	214
>PTEN-K80N-AKFNCRVAQ`	381	>PTEN-K80N-ANFNCRVAQ	355	26

>PTEN-K80N·AKFNCRVAQ'	197	>PTEN-K80N·ANFNCRVAQ	217	20
>PTEN-K80N·AKFNCRVAQ'	1463	>PTEN-K80N·ANFNCRVAQ	280	1183
>PTEN-K80N·AKFNCRVA	52	>PTEN-K80N·ANFNCRVA	3013	2961
>PTEN-K80N·AKFNCRVAQ	43	>PTEN-K80N·ANFNCRVAQ	1494	1451
>PTEN-K80N·AKFNCRVAQ'	3	>PTEN-K80N·ANFNCRVAQ	61	58
>PTEN-K80N·AKFNCRVAQ'	114	>PTEN-K80N·ANFNCRVAQ	5445	5331
>PTEN-K80N·TAKFNCRVAC	1131	>PTEN-K80N·TANFNCRVAC	432	699
>PTEN-K80N·TAKFNCRVAC	573	>PTEN-K80N·TANFNCRVAC	312	261
>PTEN-K80N·TAKFNCRV	662	>PTEN-K80N·TANFNCRV	54	608
>PTEN-K80N·TAKFNCRV	3366	>PTEN-K80N·TANFNCRV	456	2910
>PTEN-K80N·TAKFNCRVAC	362	>PTEN-K80N·TANFNCRVAC	574	212
>PTEN-K80N·TAKFNCRVAC	97	>PTEN-K80N·TANFNCRVAC	106	9
>PTEN-K80N·TAKFNCRVAC	2715	>PTEN-K80N·TANFNCRVAC	239	2476
>PTEN-K80N·DTAKFNCR	20	>PTEN-K80N·DTANFNCR	20	0
>PTEN-K80N·DTAKFNCR	3	>PTEN-K80N·DTANFNCR	2	1
>PTEN-K80N·DTAKFNCRV/	171	>PTEN-K80N·DTANFNCRV/	126	45
>PTEN-K80N·DTAKFNCRV	12	>PTEN-K80N·DTANFNCRV	8	4
>PTEN-K80N·DTAKFNCRV/	460	>PTEN-K80N·DTANFNCRV/	131	329
>PTEN-K80N·DTAKFNCRV	7	>PTEN-K80N·DTANFNCRV	6	1
>PTEN-K80N·DTAKFNCR	780	>PTEN-K80N·DTANFNCR	485	295
>PTEN-K80N·YDTAKFNCRV	183	>PTEN-K80N·YDTANFNCRV	133	50
>PTEN-K80N·HYDTAKFNCF	204	>PTEN-K80N·HYDTANFNCF	369	165
>PTEN-K80N·HYDTAKFNCF	29	>PTEN-K80N·HYDTANFNCF	24	5
>PTEN-K80N·RHYDTAKF	418	>PTEN-K80N·RHYDTANF	244	174
>PTEN-K80N·RHYDTAKFNCF	374	>PTEN-K80N·RHYDTANFNCF	379	5
>PTEN-K80N·RHYDTAKF	7	>PTEN-K80N·RHYDTANF	4	3
>PTEN-K80N·RHYDTAKFNCF	573	>PTEN-K80N·RHYDTANFNCF	394	179
>PTEN-K80N·RHYDTAKF	384	>PTEN-K80N·RHYDTANF	541	157
>PTEN-K80N·RHYDTAKF	71	>PTEN-K80N·RHYDTANF	66	5
>PTEN-K80N·RHYDTAKFNCF	71	>PTEN-K80N·RHYDTANFNCF	67	4
>PTEN-K80N·ERHYDTAKF	202	>PTEN-K80N·ERHYDTANF	84	118
>PTEN-K80N·AERHYDTAKF	610	>PTEN-K80N·AERHYDTANF	283	327
>PTEN-K80N·AERHYDTAKF	33	>PTEN-K80N·AERHYDTANI	18	15
>PTEN-K80N·AERHYDTAKF	83	>PTEN-K80N·AERHYDTANI	94	11
>PTEN-K80N·AERHYDTAKF	256	>PTEN-K80N·AERHYDTANI	347	91
>PTEN-K80N·AERHYDTAK	707	>PTEN-K80N·AERHYDTAN	498	209
>PTEN-K80N·AERHYDTAKF	258	>PTEN-K80N·AERHYDTANI	507	249
>PTEN-L108F LELIKPFCEDL	166	>PTEN-L108F LELIKPFCEDP	7317	7151
>PTEN-L108F LELIKPFCEDL	248	>PTEN-L108F LELIKPFCEDP	11564	11316
>PTEN-L108F LELIKPFCEDL	275	>PTEN-L108F LELIKPFCEDP	8807	8532
>PTEN-L108F LELIKPFCEDL	78	>PTEN-L108F LELIKPFCEDP	5238	5160
>PTEN-L108F CEDLDQWL	157	>PTEN-L108F CEDPDQWL	2911	2754
>PTEN-L108F CEDLDQWL	128	>PTEN-L108F CEDPDQWL	177	49

>PTEN-L108F FCEDLDQW	43	>PTEN-L108F FCEDPDQW	111	68
>PTEN-L108F KPFCEDLDQV	588	>PTEN-L108F KPFCEDPDQ\	430	158
>PTEN-L108F KPFCEDLDQV	13	>PTEN-L108F KPFCEDPDQ\	28	15
>PTEN-L108F KPFCEDLDQV	102	>PTEN-L108F KPFCEDPDQ\	100	2
>PTEN-L108F ELIKPFCEDL	156	>PTEN-L108F ELIKPFCEDP	23983	23827
>PTEN-L108F LELIKPFCEDL	166	>PTEN-L108F LELIKPFCEDR	11061	10895
>PTEN-L108F LELIKPFCEDL	248	>PTEN-L108F LELIKPFCEDR	18627	18379
>PTEN-L108F LELIKPFCEDL	275	>PTEN-L108F LELIKPFCEDR	10479	10204
>PTEN-L108F LELIKPFCEDL	78	>PTEN-L108F LELIKPFCEDR	4990	4912
>PTEN-L108F CEDLDQWL	157	>PTEN-L108F CEDRDQWL	1138	981
>PTEN-L108F CEDLDQWL	128	>PTEN-L108F CEDRDQWL	192	64
>PTEN-L108F FCEDLDQW	43	>PTEN-L108F FCEDRDQW	73	30
>PTEN-L108F KPFCEDLDQV	13	>PTEN-L108F KPFCEDRDQ\	21	8
>PTEN-L108F KPFCEDLDQV	102	>PTEN-L108F KPFCEDRDQ\	156	54
>PTEN-L108F LIKPFCEDL	19069	>PTEN-L108F LIKPFCEDR	320	18749
>PTEN-L108F LIKPFCEDL	31183	>PTEN-L108F LIKPFCEDR	191	30992
>PTEN-L108F ELIKPFCEDL	156	>PTEN-L108F ELIKPFCEDR	22541	22385
>PTEN-L108F ELIKPFCEDL	28558	>PTEN-L108F ELIKPFCEDR	87	28471
>PTEN-L108F ELIKPFCEDL	33795	>PTEN-L108F ELIKPFCEDR	392	33403
>PTEN-L112F LSEDDNHVA\	70	>PTEN-L112F PSEDDNHVA\	2197	2127
>PTEN-L112F WLSEDDNHV	105	>PTEN-L112F WPEDDNHV	18265	18160
>PTEN-L112F WLSEDDNHV	480	>PTEN-L112F WPEDDNHV	23349	22869
>PTEN-L112F WLSEDDNHV	10	>PTEN-L112F WPEDDNHV	12198	12188
>PTEN-L112F WLSEDDNHV	99	>PTEN-L112F WPEDDNHV	21988	21889
>PTEN-L112F WLSEDDNHV	30	>PTEN-L112F WPEDDNHV	22278	22248
>PTEN-L112F WLSEDDNHV	12	>PTEN-L112F WPEDDNHV	18805	18793
>PTEN-L112F WLSEDDNHV	39	>PTEN-L112F WPEDDNHV	19777	19738
>PTEN-L112F WLSEDDNHV	30	>PTEN-L112F WPEDDNHV	2280	2250
>PTEN-L112F WLSEDDNHV	56	>PTEN-L112F WPEDDNHV	9797	9741
>PTEN-L112F WLSEDDNHV	8	>PTEN-L112F WPEDDNHV	17760	17752
>PTEN-L112F WLSEDDNHV	65	>PTEN-L112F WPEDDNHV	24287	24222
>PTEN-L112F WLSEDDNHV	34	>PTEN-L112F WPEDDNHV	20498	20464
>PTEN-L112F WLSEDDNHV	4	>PTEN-L112F WPEDDNHV	14537	14533
>PTEN-L112F WLSEDDNHV	22	>PTEN-L112F WPEDDNHV	20146	20124
>PTEN-L112F WLSEDDNHV	26	>PTEN-L112F WPEDDNHV	20556	20530
>PTEN-L112F WLSEDDNHV	6	>PTEN-L112F WPEDDNHV	12502	12496
>PTEN-L112F WLSEDDNHV	46	>PTEN-L112F WPEDDNHV	23530	23484
>PTEN-L112F WLSEDDNHV	85	>PTEN-L112F WPEDDNHV	23935	23850
>PTEN-L112F WLSEDDNHV	6	>PTEN-L112F WPEDDNHV	20771	20765
>PTEN-L112F WLSEDDNHV	40	>PTEN-L112F WPEDDNHV	19766	19726
>PTEN-L112F WLSEDDNHV	108	>PTEN-L112F WPEDDNHV	22149	22041
>PTEN-L112F WLSEDDNHV	2	>PTEN-L112F WPEDDNHV	16300	16298
>PTEN-L112F WLSEDDNHV	7	>PTEN-L112F WPEDDNHV	27987	27980

>PTEN-L112F WlseDDNHV	9	>PTEN-L112F WpseDDNHV	28847	28838
>PTEN-L112F WlseDDNHV	243	>PTEN-L112F WpseDDNHV	3087	2844
>PTEN-L112F WlseDDNH	1920	>PTEN-L112F WpseDDNH	34	1886
>PTEN-L112F WlseDDNHV	10367	>PTEN-L112F WpseDDNHV	359	10008
>PTEN-L112F WlseDDNHV	1901	>PTEN-L112F WpseDDNHV	23	1878
>PTEN-L112F WlseDDNHV	31373	>PTEN-L112F WpseDDNHV	345	31028
>PTEN-L112F WlseDDNHV	20023	>PTEN-L112F WpseDDNHV	38	19985
>PTEN-L112F QWlseDDNF	40	>PTEN-L112F QWpseDDNF	47	7
>PTEN-L112F QWlseDDNF	162	>PTEN-L112F QWpseDDNF	435	273
>PTEN-L112F CEDLDQWL	157	>PTEN-L112F CEDLDQWP	3738	3581
>PTEN-L112F CEDLDQWL	128	>PTEN-L112F CEDLDQWP	9660	9532
>PTEN-L112C LseDDNHVA/	70	>PTEN-L112C QseDDNHVA	280	210
>PTEN-L112C WlseDDNHV	105	>PTEN-L112C WqseDDNHV	1098	993
>PTEN-L112C WlseDDNHV	480	>PTEN-L112C WqseDDNHV	5095	4615
>PTEN-L112C WlseDDNHV	10	>PTEN-L112C WqseDDNHV	198	188
>PTEN-L112C WlseDDNHV	99	>PTEN-L112C WqseDDNHV	1544	1445
>PTEN-L112C WlseDDNHV	30	>PTEN-L112C WqseDDNHV	908	878
>PTEN-L112C WlseDDNHV	12	>PTEN-L112C WqseDDNHV	272	260
>PTEN-L112C WlseDDNHV	39	>PTEN-L112C WqseDDNHV	802	763
>PTEN-L112C WlseDDNHV	30	>PTEN-L112C WqseDDNHV	34	4
>PTEN-L112C WlseDDNHV	56	>PTEN-L112C WqseDDNHV	47	9
>PTEN-L112C WlseDDNHV	8	>PTEN-L112C WqseDDNHV	889	881
>PTEN-L112C WlseDDNHV	65	>PTEN-L112C WqseDDNHV	5278	5213
>PTEN-L112C WlseDDNHV	34	>PTEN-L112C WqseDDNHV	2362	2328
>PTEN-L112C WlseDDNHV	4	>PTEN-L112C WqseDDNHV	55	51
>PTEN-L112C WlseDDNHV	22	>PTEN-L112C WqseDDNHV	1826	1804
>PTEN-L112C WlseDDNHV	26	>PTEN-L112C WqseDDNHV	2295	2269
>PTEN-L112C WlseDDNHV	6	>PTEN-L112C WqseDDNHV	123	117
>PTEN-L112C WlseDDNHV	46	>PTEN-L112C WqseDDNHV	6857	6811
>PTEN-L112C WlseDDNHV	85	>PTEN-L112C WqseDDNHV	7683	7598
>PTEN-L112C WlseDDNHV	6	>PTEN-L112C WqseDDNHV	3463	3457
>PTEN-L112C WlseDDNHV	40	>PTEN-L112C WqseDDNHV	5676	5636
>PTEN-L112C WlseDDNHV	108	>PTEN-L112C WqseDDNHV	11765	11657
>PTEN-L112C WlseDDNHV	2	>PTEN-L112C WqseDDNHV	782	780
>PTEN-L112C WlseDDNHV	7	>PTEN-L112C WqseDDNHV	8834	8827
>PTEN-L112C WlseDDNHV	9	>PTEN-L112C WqseDDNHV	10395	10386
>PTEN-L112C WlseDDNHV	243	>PTEN-L112C WqseDDNHV	3705	3462
>PTEN-L112C WlseDDNHV	4386	>PTEN-L112C WqseDDNHV	414	3972
>PTEN-L112C QWlseDDNF	40	>PTEN-L112C QWqseDDNI	73	33
>PTEN-L112C QWlseDDNF	162	>PTEN-L112C QWqseDDNI	287	125
>PTEN-L112C CEDLDQWL	157	>PTEN-L112C CEDLDQWQ	3153	2996
>PTEN-L112C CEDLDQWL	128	>PTEN-L112C CEDLDQWQ	14618	14490
>PTEN-L112F LseDDNHVA/	6670	>PTEN-L112F RseDDNHVA/	196	6474

>PTEN-L112FLSEDDNHVA/	514	>PTEN-L112FRSEDDNHVA/	49	465
>PTEN-L112FLSEDDNHVA/	70	>PTEN-L112FRSEDDNHVA/	35	35
>PTEN-L112FWLSEDDNHV	105	>PTEN-L112FWRSEDDNHV	17598	17493
>PTEN-L112FWLSEDDNHV	480	>PTEN-L112FWRSEDDNHV	23060	22580
>PTEN-L112FWLSEDDNHV	10	>PTEN-L112FWRSEDDNHV	7714	7704
>PTEN-L112FWLSEDDNHV	99	>PTEN-L112FWRSEDDNHV	17641	17542
>PTEN-L112FWLSEDDNHV	30	>PTEN-L112FWRSEDDNHV	15962	15932
>PTEN-L112FWLSEDDNHV	12	>PTEN-L112FWRSEDDNHV	16656	16644
>PTEN-L112FWLSEDDNHV	39	>PTEN-L112FWRSEDDNHV	17880	17841
>PTEN-L112FWLSEDDNHV	30	>PTEN-L112FWRSEDDNHV	1943	1913
>PTEN-L112FWLSEDDNHV	56	>PTEN-L112FWRSEDDNHV	8537	8481
>PTEN-L112FWLSEDDNHV	8	>PTEN-L112FWRSEDDNHV	14098	14090
>PTEN-L112FWLSEDDNHV	65	>PTEN-L112FWRSEDDNHV	22184	22119
>PTEN-L112FWLSEDDNHV	34	>PTEN-L112FWRSEDDNHV	18498	18464
>PTEN-L112FWLSEDDNHV	4	>PTEN-L112FWRSEDDNHV	10616	10612
>PTEN-L112FWLSEDDNHV	22	>PTEN-L112FWRSEDDNHV	18328	18306
>PTEN-L112FWLSEDDNHV	26	>PTEN-L112FWRSEDDNHV	18926	18900
>PTEN-L112FWLSEDDNHV	6	>PTEN-L112FWRSEDDNHV	8402	8396
>PTEN-L112FWLSEDDNHV	46	>PTEN-L112FWRSEDDNHV	21421	21375
>PTEN-L112FWLSEDDNHV	85	>PTEN-L112FWRSEDDNHV	21872	21787
>PTEN-L112FWLSEDDNHV	6	>PTEN-L112FWRSEDDNHV	18819	18813
>PTEN-L112FWLSEDDNHV	40	>PTEN-L112FWRSEDDNHV	18733	18693
>PTEN-L112FWLSEDDNHV	108	>PTEN-L112FWRSEDDNHV	21353	21245
>PTEN-L112FWLSEDDNHV	2	>PTEN-L112FWRSEDDNHV	8001	7999
>PTEN-L112FWLSEDDNHV	7	>PTEN-L112FWRSEDDNHV	22266	22259
>PTEN-L112FWLSEDDNHV	9	>PTEN-L112FWRSEDDNHV	22952	22943
>PTEN-L112FWLSEDDNHV	243	>PTEN-L112FWRSEDDNHV	7239	6996
>PTEN-L112FKPFCEDLDQV	15098	>PTEN-L112FKPFCEDLDQV	21	15077
>PTEN-L112FQWLSEDDNF	40	>PTEN-L112FQWRSEDDNF	91	51
>PTEN-L112FQWLSEDDNF	162	>PTEN-L112FQWRSEDDNF	374	212
>PTEN-L112FCEDLDQWL	157	>PTEN-L112FCEDLDQWR	4066	3909
>PTEN-L112FCEDLDQWL	128	>PTEN-L112FCEDLDQWR	17133	17005
>PTEN-L112V LSEDDNHVA/	514	>PTEN-L112VSEDDNHVA/	433	81
>PTEN-L112V LSEDDNHVA/	70	>PTEN-L112VSEDDNHVA/	242	172
>PTEN-L112VWLSEDDNHV	105	>PTEN-L112VWVSEDDNHV	1748	1643
>PTEN-L112VWLSEDDNHV	480	>PTEN-L112VWVSEDDNHV	6063	5583
>PTEN-L112VWLSEDDNHV	10	>PTEN-L112VWVSEDDNHV	160	150
>PTEN-L112VWLSEDDNHV	99	>PTEN-L112VWVSEDDNHV	1942	1843
>PTEN-L112VWLSEDDNHV	30	>PTEN-L112VWVSEDDNHV	975	945
>PTEN-L112VWLSEDDNHV	12	>PTEN-L112VWVSEDDNHV	252	240
>PTEN-L112VWLSEDDNHV	39	>PTEN-L112VWVSEDDNHV	892	853
>PTEN-L112VWLSEDDNHV	30	>PTEN-L112VWVSEDDNHV	69	39
>PTEN-L112VWLSEDDNHV	56	>PTEN-L112VWVSEDDNHV	150	94



>PTEN-L112\WLSEDDNHV	8	>PTEN-L112\WVSEDDNH\	532	524
>PTEN-L112\WLSEDDNHV	65	>PTEN-L112\WVSEDDNH\	4237	4172
>PTEN-L112\WLSEDDNHV	34	>PTEN-L112\WVSEDDNH\	1930	1896
>PTEN-L112\WLSEDDNHV	4	>PTEN-L112\WVSEDDNH\	133	129
>PTEN-L112\WLSEDDNHV	22	>PTEN-L112\WVSEDDNH\	3177	3155
>PTEN-L112\WLSEDDNHV	26	>PTEN-L112\WVSEDDNH\	3462	3436
>PTEN-L112\WLSEDDNHV	6	>PTEN-L112\WVSEDDNH\	73	67
>PTEN-L112\WLSEDDNHV	46	>PTEN-L112\WVSEDDNH\	5124	5078
>PTEN-L112\WLSEDDNHV	85	>PTEN-L112\WVSEDDNH\	6000	5915
>PTEN-L112\WLSEDDNHV	6	>PTEN-L112\WVSEDDNH\	551	545
>PTEN-L112\WLSEDDNHV	40	>PTEN-L112\WVSEDDNH\	1815	1775
>PTEN-L112\WLSEDDNHV	108	>PTEN-L112\WVSEDDNH\	6125	6017
>PTEN-L112\WLSEDDNHV	2	>PTEN-L112\WVSEDDNH\	22	20
>PTEN-L112\WLSEDDNHV	7	>PTEN-L112\WVSEDDNH\	467	460
>PTEN-L112\WLSEDDNHV	9	>PTEN-L112\WVSEDDNH\	848	839
>PTEN-L112\WLSEDDNHV	243	>PTEN-L112\WVSEDDNH\	21	222
>PTEN-L112\WLSEDDNHV	2298	>PTEN-L112\WVSEDDNH\	102	2196
>PTEN-L112\WLSEDDNHV	1901	>PTEN-L112\WVSEDDNH\	488	1413
>PTEN-L112\QWLSEDDNH	40	>PTEN-L112\QWVSEDDNH	74	34
>PTEN-L112\QWLSEDDNH	162	>PTEN-L112\QWVSEDDNH	186	24
>PTEN-L112\CEDLDQWL	157	>PTEN-L112\CEDLDQWV	125	32
>PTEN-L112\CEDLDQWL	128	>PTEN-L112\CEDLDQWV	1467	1339
>PTEN-L112\FCEDLDQWL	1161	>PTEN-L112\FCEDLDQWV	29	1132
>PTEN-L139FLLHRGKFL	2717	>PTEN-L139FLLHRGKFL	166	2551
>PTEN-L139FLLHRGKFLKA	2762	>PTEN-L139FLLHRGKFLKA	276	2486
>PTEN-L139FLLHRGKFL	274	>PTEN-L139FLLHRGKFL	17	257
>PTEN-L139FLLHRGKFLKA	546	>PTEN-L139FLLHRGKFLKA	102	444
>PTEN-L139FLLHRGKFL	288	>PTEN-L139FLLHRGKFL	21	267
>PTEN-L139FLLHRGKFLKA	194	>PTEN-L139FLLHRGKFLKA	51	143
>PTEN-L139FLLHRGKFL	2648	>PTEN-L139FLLHRGKFL	281	2367
>PTEN-L139FLLHRGKFLKA	3181	>PTEN-L139FLLHRGKFLKA	422	2759
>PTEN-L139FLLHRGKFL	28	>PTEN-L139FLLHRGKFL	6	22
>PTEN-L139FLLHRGKFLKA	132	>PTEN-L139FLLHRGKFLKA	16	116
>PTEN-L139FLLHRGKFL	353	>PTEN-L139FLLHRGKFL	26	327
>PTEN-L139FLLHRGKFLKA	2677	>PTEN-L139FLLHRGKFLKA	306	2371
>PTEN-L139FLLHRGKFL	204	>PTEN-L139FLLHRGKFL	23	181
>PTEN-L139FLLHRGKFLKA	700	>PTEN-L139FLLHRGKFLKA	55	645
>PTEN-L139FLLHRGKFL	8	>PTEN-L139FLLHRGKFL	3	5
>PTEN-L139FLLHRGKFLK	328	>PTEN-L139FLLHRGKFLK	49	279
>PTEN-L139FLLHRGKFLKA	8	>PTEN-L139FLLHRGKFLKA	3	5
>PTEN-L139FLLHRGKFLKA	230	>PTEN-L139FLLHRGKFLKA	41	189
>PTEN-L139FLLHRGKFLK	41	>PTEN-L139FLLHRGKFLK	61	20
>PTEN-L139FLLHRGKFLK	63	>PTEN-L139FLLHRGKFLK	108	45

>PTEN-L139F LLHRGKFLK	37	>PTEN-L139F FLHRGKFLK	981	944
>PTEN-L139F LLHRGKFLK	69	>PTEN-L139F FLHRGKFLK	495	426
>PTEN-L139F LLHRGKFLK	427	>PTEN-L139F FLHRGKFLK	90	337
>PTEN-L139F LLHRGKFL	932	>PTEN-L139F FLHRGKFL	373	559
>PTEN-L139F YLLHRGKFL	93	>PTEN-L139F YFLHRGKFL	16677	16584
>PTEN-L139F YLLHRGKFLK	86	>PTEN-L139F YFLHRGKFLK	14744	14658
>PTEN-L139F YLLHRGKFL	91	>PTEN-L139F YFLHRGKFL	4541	4450
>PTEN-L139F YLLHRGKFLK	446	>PTEN-L139F YFLHRGKFLK	13386	12940
>PTEN-L139F YLLHRGKFL	70	>PTEN-L139F YFLHRGKFL	13557	13487
>PTEN-L139F YLLHRGKFLK	44	>PTEN-L139F YFLHRGKFLK	11850	11806
>PTEN-L139F YLLHRGKFL	105	>PTEN-L139F YFLHRGKFL	6484	6379
>PTEN-L139F YLLHRGKFLK	66	>PTEN-L139F YFLHRGKFLK	5682	5616
>PTEN-L139F YLLHRGKFL	6	>PTEN-L139F YFLHRGKFL	5269	5263
>PTEN-L139F YLLHRGKFLK	12	>PTEN-L139F YFLHRGKFLK	8392	8380
>PTEN-L139F YLLHRGKFL	10	>PTEN-L139F YFLHRGKFL	9017	9007
>PTEN-L139F YLLHRGKFLK	39	>PTEN-L139F YFLHRGKFLK	16040	16001
>PTEN-L139F YLLHRGKFL	12	>PTEN-L139F YFLHRGKFL	6810	6798
>PTEN-L139F YLLHRGKFLK	17	>PTEN-L139F YFLHRGKFLK	8656	8639
>PTEN-L139F YLLHRGKFL	58	>PTEN-L139F YFLHRGKFL	17737	17679
>PTEN-L139F YLLHRGKFLK	317	>PTEN-L139F YFLHRGKFLK	16768	16451
>PTEN-L139F YLLHRGKFL	6	>PTEN-L139F YFLHRGKFL	11400	11394
>PTEN-L139F YLLHRGKFLK	296	>PTEN-L139F YFLHRGKFLK	29257	28961
>PTEN-L139F YLLHRGKFLK	8	>PTEN-L139F YFLHRGKFLK	13075	13067
>PTEN-L139F YLLHRGKFLK	28	>PTEN-L139F YFLHRGKFLK	198	170
>PTEN-L139F YLLHRGKFLK	113	>PTEN-L139F YFLHRGKFLK	469	356
>PTEN-L139F YLLHRGKF	1516	>PTEN-L139F YFLHRGKF	90	1426
>PTEN-L139F YLLHRGKF	5320	>PTEN-L139F YFLHRGKF	486	4834
>PTEN-L139F YLLHRGKF	735	>PTEN-L139F YFLHRGKF	7	728
>PTEN-L139F YLLHRGKFL	10206	>PTEN-L139F YFLHRGKFL	63	10143
>PTEN-L139F YLLHRGKF	606	>PTEN-L139F YFLHRGKF	138	468
>PTEN-L139F YLLHRGKFLK	316	>PTEN-L139F YFLHRGKFLK	126	190
>PTEN-L139F YLLHRGKFLK	1206	>PTEN-L139F YFLHRGKFLK	245	961
>PTEN-L139F YLLHRGKF	412	>PTEN-L139F YFLHRGKF	4614	4202
>PTEN-L139F YLLHRGKFL	54	>PTEN-L139F YFLHRGKFL	919	865
>PTEN-L139F YLLHRGKFLK	154	>PTEN-L139F YFLHRGKFLK	1663	1509
>PTEN-L139F YLLHRGKF	473	>PTEN-L139F YFLHRGKF	6991	6518
>PTEN-L139F YLLHRGKF	43	>PTEN-L139F YFLHRGKF	171	128
>PTEN-L139F YLLHRGKFL	478	>PTEN-L139F YFLHRGKFL	1899	1421
>PTEN-L139F YLLHRGKF	45	>PTEN-L139F YFLHRGKF	759	714
>PTEN-L139F YLLHRGKFL	278	>PTEN-L139F YFLHRGKFL	3766	3488
>PTEN-L139F YLLHRGKF	259	>PTEN-L139F YFLHRGKF	11700	11441
>PTEN-L139F YLLHRGKFLK	111	>PTEN-L139F YFLHRGKFLK	113	2
>PTEN-L139F GRTGVMICA	258	>PTEN-L139F GRTGVMICA	315	57

>PTEN-L139F GRTGVMICA'	334	>PTEN-L139F GRTGVMICA'	1307	973
>PTEN-L139F GRTGVMICA'	78	>PTEN-L139F GRTGVMICA'	267	189
>PTEN-L139F AYLLHRGKF	1272	>PTEN-L139F AYFLHRGKF	389	883
>PTEN-L139F AYLLHRGKFL	2715	>PTEN-L139F AYFLHRGKFL	481	2234
>PTEN-L139F AYLLHRGKFL	230	>PTEN-L139F AYFLHRGKFL	77	153
>PTEN-L139F AYLLHRGKF	418	>PTEN-L139F AYFLHRGKF	397	21
>PTEN-L139F AYLLHRGKFL	368	>PTEN-L139F AYFLHRGKFL	174	194
>PTEN-L139F AYLLHRGKFL	1868	>PTEN-L139F AYFLHRGKFL	324	1544
>PTEN-L139F AYLLHRGKF	8	>PTEN-L139F AYFLHRGKF	10	2
>PTEN-L139F AYLLHRGKFL	16	>PTEN-L139F AYFLHRGKFL	22	6
>PTEN-L139F AYLLHRGK	40	>PTEN-L139F AYFLHRGK	23	17
>PTEN-L139F AYLLHRGKFL	782	>PTEN-L139F AYFLHRGKFL	393	389
>PTEN-L139F AYLLHRGKFL	25	>PTEN-L139F AYFLHRGKFL	16	9
>PTEN-L139F AYLLHRGK	1264	>PTEN-L139F AYFLHRGK	445	819
>PTEN-L139F AYLLHRGKFL	76	>PTEN-L139F AYFLHRGKFL	37	39
>PTEN-L139F AYLLHRGK	841	>PTEN-L139F AYFLHRGK	327	514
>PTEN-L139F AYLLHRGKFL	305	>PTEN-L139F AYFLHRGKFL	166	139
>PTEN-L139F AYLLHRGKFL	1086	>PTEN-L139F AYFLHRGKFL	485	601
>PTEN-L139F AYLLHRGKFL	540	>PTEN-L139F AYFLHRGKFL	286	254
>PTEN-L139F CAYLLHRGKF	119	>PTEN-L139F CAYFLHRGKF	106	13
>PTEN-L139F CAYLLHRGK	523	>PTEN-L139F CAYFLHRGK	254	269
>PTEN-L139F CAYLLHRGK	471	>PTEN-L139F CAYFLHRGK	106	365
>PTEN-L139F CAYLLHRGKF	67	>PTEN-L139F CAYFLHRGKF	72	5
>PTEN-L139F CAYLLHRGKF	350	>PTEN-L139F CAYFLHRGKF	334	16
>PTEN-L139F CAYLLHRGKF	350	>PTEN-L139F CAYFLHRGKF	344	6
>PTEN-L139F CAYLLHRGKF	185	>PTEN-L139F CAYFLHRGKF	149	36
>PTEN-L139F ICAYLLHRGK	913	>PTEN-L139F ICAYFLHRGK	370	543
>PTEN-L139F ICAYLLHR	569	>PTEN-L139F ICAYFLHR	267	302
>PTEN-L139F ICAYLLHR	969	>PTEN-L139F ICAYFLHR	430	539
>PTEN-L139F ICAYLLHRGKI	187	>PTEN-L139F ICAYFLHRGKI	182	5
>PTEN-L139F ICAYLLHR	107	>PTEN-L139F ICAYFLHR	46	61
>PTEN-L139F MICAYLLHR	315	>PTEN-L139F MICAYFLHR	155	160
>PTEN-L139F MICAYLLHRG	162	>PTEN-L139F MICAYFLHRG	120	42
>PTEN-L139F MICAYLLH	299	>PTEN-L139F MICAYFLH	97	202
>PTEN-L139F MICAYLLHR	89	>PTEN-L139F MICAYFLHR	34	55
>PTEN-L139F MICAYLLHRG	49	>PTEN-L139F MICAYFLHRG	36	13
>PTEN-L139F MICAYLLHRG	77	>PTEN-L139F MICAYFLHRG	59	18
>PTEN-L139F MICAYLLH	2741	>PTEN-L139F MICAYFLH	372	2369
>PTEN-L139F MICAYLLHR	11	>PTEN-L139F MICAYFLHR	9	2
>PTEN-L139F MICAYLLHRG	473	>PTEN-L139F MICAYFLHRG	274	199
>PTEN-L139F MICAYLLHR	45	>PTEN-L139F MICAYFLHR	23	22
>PTEN-L139F MICAYLLHR	28	>PTEN-L139F MICAYFLHR	16	12
>PTEN-L139F MICAYLLHRG	124	>PTEN-L139F MICAYFLHRG	70	54

>PTEN-L139F MICAYLLHR	28	>PTEN-L139F MICAYFLHR	14	14
>PTEN-L139F VMICAYLL	248	>PTEN-L139F VMICAYFL	207	41
>PTEN-L139F VMICAYLL	15	>PTEN-L139F VMICAYFL	11	4
>PTEN-L139F VMICAYLL	9	>PTEN-L139F VMICAYFL	5	4
>PTEN-L139F VMICAYLL	27	>PTEN-L139F VMICAYFL	22	5
>PTEN-L139F VMICAYLL	39	>PTEN-L139F VMICAYFL	15	24
>PTEN-L139F VMICAYLL	10	>PTEN-L139F VMICAYFL	5	5
>PTEN-L139F VMICAYLL	6	>PTEN-L139F VMICAYFL	4	2
>PTEN-L139F VMICAYLL	58	>PTEN-L139F VMICAYFL	18	40
>PTEN-L139F VMICAYLL	136	>PTEN-L139F VMICAYFL	14	122
>PTEN-L139F VMICAYLL	16	>PTEN-L139F VMICAYFL	11	5
>PTEN-L139F VMICAYLLHR	166	>PTEN-L139F VMICAYFLHR	141	25
>PTEN-L139F VMICAYLLH	1118	>PTEN-L139F VMICAYFLH	444	674
>PTEN-L139F VMICAYLLHR	52	>PTEN-L139F VMICAYFLHR	54	2
>PTEN-L139F VMICAYLL	100	>PTEN-L139F VMICAYFL	136	36
>PTEN-L139F VMICAYLLH	46	>PTEN-L139F VMICAYFLH	70	24
>PTEN-L139F VMICAYLLHR	44	>PTEN-L139F VMICAYFLHR	24	20
>PTEN-L139F VMICAYLLHR	237	>PTEN-L139F VMICAYFLHR	139	98
>PTEN-L139F VMICAYLLHR	119	>PTEN-L139F VMICAYFLHR	124	5
>PTEN-L139F VMICAYLL	126	>PTEN-L139F VMICAYFL	88	38
>PTEN-L139F VMICAYLLHR	434	>PTEN-L139F VMICAYFLHR	283	151
>PTEN-L139F VMICAYLLHR	70	>PTEN-L139F VMICAYFLHR	71	1
>PTEN-L139F VMICAYLLHR	58	>PTEN-L139F VMICAYFLHR	39	19
>PTEN-L139F GVMICAYL	66	>PTEN-L139F GVMICAYF	9546	9480
>PTEN-L139F GVMICAYLL	57	>PTEN-L139F GVMICAYFL	33	24
>PTEN-L139F GVMICAYL	20	>PTEN-L139F GVMICAYF	1651	1631
>PTEN-L139F GVMICAYLL	18	>PTEN-L139F GVMICAYFL	10	8
>PTEN-L139F GVMICAYL	260	>PTEN-L139F GVMICAYF	9741	9481
>PTEN-L139F GVMICAYL	51	>PTEN-L139F GVMICAYF	1102	1051
>PTEN-L139F GVMICAYLL	112	>PTEN-L139F GVMICAYFL	33	79
>PTEN-L139F GVMICAYL	346	>PTEN-L139F GVMICAYF	15137	14791
>PTEN-L139F GVMICAYLL	327	>PTEN-L139F GVMICAYFL	65	262
>PTEN-L139F GVMICAYL	403	>PTEN-L139F GVMICAYF	16868	16465
>PTEN-L139F GVMICAYLL	2518	>PTEN-L139F GVMICAYFL	301	2217
>PTEN-L139F GVMICAYLLH	52	>PTEN-L139F GVMICAYFLH	36	16
>PTEN-L139F GVMICAYL	8475	>PTEN-L139F GVMICAYF	367	8108
>PTEN-L139F GVMICAYLLH	38	>PTEN-L139F GVMICAYFLH	28	10
>PTEN-L139F GVMICAYLLH	177	>PTEN-L139F GVMICAYFLH	107	70
>PTEN-L139F GVMICAYL	485	>PTEN-L139F GVMICAYF	16592	16107
>PTEN-L139F GVMICAYLL	582	>PTEN-L139F GVMICAYFL	198	384
>PTEN-L139F GVMICAYL	6878	>PTEN-L139F GVMICAYF	453	6425
>PTEN-L139F GVMICAYL	1630	>PTEN-L139F GVMICAYF	124	1506
>PTEN-L139F GVMICAYLL	222	>PTEN-L139F GVMICAYFL	496	274

>PTEN-L139F GVMICAYLLH	198	>PTEN-L139F GVMICAYFLH	110	88
>PTEN-L139F GVMICAYLLH	132	>PTEN-L139F GVMICAYFLH	52	80
>PTEN-L139F TGVMICAYL	267	>PTEN-L139F TGVMICAYF	13958	13691
>PTEN-L139F TGVMICAYL	1647	>PTEN-L139F TGVMICAYF	256	1391
>PTEN-L139F RTGVMICAYL	5200	>PTEN-L139F RTGVMICAYF	430	4770
>PTEN-L139F RTGVMICAYL	6240	>PTEN-L139F RTGVMICAYF	475	5765
>PTEN-L139F RTGVMICAYL	398	>PTEN-L139F RTGVMICAYF	84	314
>PTEN-L139F RTGVMICAYL	1242	>PTEN-L139F RTGVMICAYF	492	750
>PTEN-L139F RTGVMICAYL	632	>PTEN-L139F RTGVMICAYF	142	490
>PTEN-L139F RTGVMICAYL	114	>PTEN-L139F RTGVMICAYF	254	140
>PTEN-L139F RTGVMICAYL	74	>PTEN-L139F RTGVMICAYF	10962	10888
>PTEN-L139F RTGVMICAYL	3628	>PTEN-L139F RTGVMICAYF	147	3481
>PTEN-L139F RTGVMICAYL	12	>PTEN-L139F RTGVMICAYF	6	6
>PTEN-L139F RTGVMICAYL	14	>PTEN-L139F RTGVMICAYF	12	2
>PTEN-L139F RTGVMICAYL	438	>PTEN-L139F RTGVMICAYF	31	407
>PTEN-L139F RTGVMICAYL	428	>PTEN-L139F RTGVMICAYF	514	86
>PTEN-L139F RTGVMICAYL	90	>PTEN-L139F RTGVMICAYF	146	56
>PTEN-L139F RTGVMICAYL	56	>PTEN-L139F RTGVMICAYF	74	18
>PTEN-L139F RTGVMICAYL	72	>PTEN-L139F RTGVMICAYF	24	48
>PTEN-L139F RTGVMICAYL	235	>PTEN-L139F RTGVMICAYF	464	229
>PTEN-L139F RTGVMICAYL	394	>PTEN-L139F RTGVMICAYF	268	126
>PTEN-L146\ LKAQEALDFY	1260	>PTEN-L146\ VKAQEALDFY	393	867
>PTEN-L146\ LKAQEALDF	6	>PTEN-L146\ VKAQEALDF	9	3
>PTEN-L146\ LKAQEALDFY	85	>PTEN-L146\ VKAQEALDFY	139	54
>PTEN-L146\ FLKAQEAL	179	>PTEN-L146\ FVKAQEAL	5135	4956
>PTEN-L146\ FLKAQEAL	4	>PTEN-L146\ FVKAQEAL	76	72
>PTEN-L146\ FLKAQEALDF	370	>PTEN-L146\ FVKAQEALDF	7696	7326
>PTEN-L146\ FLKAQEAL	8	>PTEN-L146\ FVKAQEAL	187	179
>PTEN-L146\ FLKAQEAL	280	>PTEN-L146\ FVKAQEAL	371	91
>PTEN-L146\ FLKAQEAL	58	>PTEN-L146\ FVKAQEAL	4166	4108
>PTEN-L146\ FLKAQEAL	47	>PTEN-L146\ FVKAQEAL	7946	7899
>PTEN-L146\ FLKAQEAL	4	>PTEN-L146\ FVKAQEAL	349	345
>PTEN-L146\ FLKAQEALDF	1457	>PTEN-L146\ FVKAQEALDF	134	1323
>PTEN-L146\ FLKAQEALDF	548	>PTEN-L146\ FVKAQEALDF	25	523
>PTEN-L146\ FLKAQEALDF	98	>PTEN-L146\ FVKAQEALDF	71	27
>PTEN-L146\ FLKAQEALDF	209	>PTEN-L146\ FVKAQEALDF	209	0
>PTEN-L146\ FLKAQEALDF	122	>PTEN-L146\ FVKAQEALDF	123	1
>PTEN-L146\ FLKAQEAL	68	>PTEN-L146\ FVKAQEAL	512	444
>PTEN-L146\ FLKAQEAL	343	>PTEN-L146\ FVKAQEAL	1054	711
>PTEN-L146\ FLKAQEALDF	105	>PTEN-L146\ FVKAQEALDF	271	166
>PTEN-L146\ FLKAQEALDF	105	>PTEN-L146\ FVKAQEALDF	239	134
>PTEN-L146\ FLKAQEALDF	108	>PTEN-L146\ FVKAQEALDF	840	732
>PTEN-L146\ FLKAQEALDF	78	>PTEN-L146\ FVKAQEALDF	471	393

>PTEN-L146\ FLKAQEALDF	37	>PTEN-L146\ FVKAQEALDF	323	286
>PTEN-L146\ FLKAQEALDF	2201	>PTEN-L146\ FVKAQEALDF	356	1845
>PTEN-L146\ CAYLLHRGKF	119	>PTEN-L146\ CAYLLHRGKF	360	241
>PTEN-L146\ CAYLLHRGKF	350	>PTEN-L146\ CAYLLHRGKF	7699	7349
>PTEN-L146\ CAYLLHRGKF	185	>PTEN-L146\ CAYLLHRGKF	732	547
>PTEN-L146\ KFLKAQEAL	154	>PTEN-L146\ KFVKAQEAL	279	125
>PTEN-L146\ KFLKAQEALD	77	>PTEN-L146\ KFVKAQEALD	71	6
>PTEN-L146\ KFLKAQEALD	345	>PTEN-L146\ KFVKAQEALD	503	158
>PTEN-L146\ KFLKAQEAL	37	>PTEN-L146\ KFVKAQEAL	274	237
>PTEN-L146\ KFLKAQEALD	9	>PTEN-L146\ KFVKAQEALD	27	18
>PTEN-L146\ KFLKAQEA	464	>PTEN-L146\ KFVKAQEA	2376	1912
>PTEN-L146\ KFLKAQEALD	364	>PTEN-L146\ KFVKAQEALD	560	196
>PTEN-L146\ KFLKAQEAL	257	>PTEN-L146\ KFVKAQEAL	280	23
>PTEN-L146\ GKFLKAQEAL	109	>PTEN-L146\ GK FVKAQEAL	43	66
>PTEN-L146\ RGKFLKAQEA	193	>PTEN-L146\ RGK FVKAQEA	172	21
>PTEN-L146\ LHRGKFLK	386	>PTEN-L146\ LHRGK FVK	775	389
>PTEN-L146\ LLHRGKFL	274	>PTEN-L146\ LLHRGK FV	181	93
>PTEN-L146\ LLHRGKFL	288	>PTEN-L146\ LLHRGK FV	23	265
>PTEN-L146\ LLHRGKFLKA	194	>PTEN-L146\ LLHRGK FVKA	392	198
>PTEN-L146\ LLHRGKFL	2648	>PTEN-L146\ LLHRGK FV	452	2196
>PTEN-L146\ LLHRGKFL	28	>PTEN-L146\ LLHRGK FV	4	24
>PTEN-L146\ LLHRGKFLKA	132	>PTEN-L146\ LLHRGK FVKA	98	34
>PTEN-L146\ LLHRGKFL	353	>PTEN-L146\ LLHRGK FV	30	323
>PTEN-L146\ LLHRGKFL	204	>PTEN-L146\ LLHRGK FV	16	188
>PTEN-L146\ LLHRGKFL	3033	>PTEN-L146\ LLHRGK FV	262	2771
>PTEN-L146\ LLHRGKFL	8	>PTEN-L146\ LLHRGK FV	3	5
>PTEN-L146\ LLHRGKFLK	328	>PTEN-L146\ LLHRGK FVK	627	299
>PTEN-L146\ LLHRGKFLKA	8	>PTEN-L146\ LLHRGK FVKA	6	2
>PTEN-L146\ LLHRGKFLKA	230	>PTEN-L146\ LLHRGK FVKA	235	5
>PTEN-L146\ LLHRGKFLK	41	>PTEN-L146\ LLHRGK FVK	70	29
>PTEN-L146\ LLHRGKFLK	63	>PTEN-L146\ LLHRGK FVK	297	234
>PTEN-L146\ LLHRGKFLK	37	>PTEN-L146\ LLHRGK FVK	74	37
>PTEN-L146\ LLHRGKFLK	69	>PTEN-L146\ LLHRGK FVK	177	108
>PTEN-L146\ LLHRGKFLK	427	>PTEN-L146\ LLHRGK FVK	1366	939
>PTEN-L146\ YLLHRGKFL	93	>PTEN-L146\ YLLHRGK FV	31	62
>PTEN-L146\ YLLHRGKFLK	86	>PTEN-L146\ YLLHRGK FVK	86	0
>PTEN-L146\ YLLHRGKFL	91	>PTEN-L146\ YLLHRGK FV	55	36
>PTEN-L146\ YLLHRGKFLK	446	>PTEN-L146\ YLLHRGK FVK	219	227
>PTEN-L146\ YLLHRGKFL	70	>PTEN-L146\ YLLHRGK FV	10	60
>PTEN-L146\ YLLHRGKFLK	44	>PTEN-L146\ YLLHRGK FVK	42	2
>PTEN-L146\ YLLHRGKFL	105	>PTEN-L146\ YLLHRGK FV	17	88
>PTEN-L146\ YLLHRGKFLK	66	>PTEN-L146\ YLLHRGK FVK	57	9
>PTEN-L146\ YLLHRGKFL	6	>PTEN-L146\ YLLHRGK FV	2	4

>PTEN-L146\YLLHRGKFLK/	12	>PTEN-L146\YLLHRGKFKV	10	2
>PTEN-L146\YLLHRGKFL	10	>PTEN-L146\YLLHRGKFV	4	6
>PTEN-L146\YLLHRGKFLK/	39	>PTEN-L146\YLLHRGKFKV	26	13
>PTEN-L146\YLLHRGKFL	12	>PTEN-L146\YLLHRGKFV	5	7
>PTEN-L146\YLLHRGKFLK/	17	>PTEN-L146\YLLHRGKFKV	15	2
>PTEN-L146\YLLHRGKFL	58	>PTEN-L146\YLLHRGKFV	7	51
>PTEN-L146\YLLHRGKFLK/	317	>PTEN-L146\YLLHRGKFKV	203	114
>PTEN-L146\YLLHRGKFL	6	>PTEN-L146\YLLHRGKFV	2	4
>PTEN-L146\YLLHRGKFLK	296	>PTEN-L146\YLLHRGKFKV	489	193
>PTEN-L146\YLLHRGKFLK/	8	>PTEN-L146\YLLHRGKFKV	6	2
>PTEN-L146\YLLHRGKFLK	28	>PTEN-L146\YLLHRGKFKV	53	25
>PTEN-L146\YLLHRGKFLK	113	>PTEN-L146\YLLHRGKFKV	229	116
>PTEN-L146\YLLHRGKFLK	316	>PTEN-L146\YLLHRGKFKV	715	399
>PTEN-L146\YLLHRGKFL	54	>PTEN-L146\YLLHRGKFV	196	142
>PTEN-L146\YLLHRGKFLK/	154	>PTEN-L146\YLLHRGKFKV	211	57
>PTEN-L146\YLLHRGKFL	478	>PTEN-L146\YLLHRGKFV	808	330
>PTEN-L146\YLLHRGKFL	278	>PTEN-L146\YLLHRGKFV	545	267
>PTEN-L146\YLLHRGKFLK	111	>PTEN-L146\YLLHRGKFKV	306	195
>PTEN-L146\AYLLHRGKFLI	230	>PTEN-L146\AYLLHRGKFV	614	384
>PTEN-L146\AYLLHRGKFL	368	>PTEN-L146\AYLLHRGKFV	3423	3055
>PTEN-L146\AYLLHRGKFL	16	>PTEN-L146\AYLLHRGKFV	270	254
>PTEN-L146\AYLLHRGKFL	782	>PTEN-L146\AYLLHRGKFV	470	312
>PTEN-L146\AYLLHRGKFLI	25	>PTEN-L146\AYLLHRGKFV	40	15
>PTEN-L146\AYLLHRGKFLI	76	>PTEN-L146\AYLLHRGKFV	147	71
>PTEN-L146\AYLLHRGKFLI	305	>PTEN-L146\AYLLHRGKFV	545	240
>PTEN-L152\ALDFYGEV	41	>PTEN-L152\AVDFYGEV	654	613
>PTEN-L152\ALDFYGEV	17	>PTEN-L152\AVDFYGEV	387	370
>PTEN-L152\ALDFYGEV	34	>PTEN-L152\AVDFYGEV	517	483
>PTEN-L152\ALDFYGEV	128	>PTEN-L152\AVDFYGEV	93	35
>PTEN-L152\ALDFYGEV	3	>PTEN-L152\AVDFYGEV	35	32
>PTEN-L152\ALDFYGEVRT	308	>PTEN-L152\AVDFYGEVRT	9712	9404
>PTEN-L152\ALDFYGEV	12	>PTEN-L152\AVDFYGEV	1402	1390
>PTEN-L152\ALDFYGEV	9	>PTEN-L152\AVDFYGEV	319	310
>PTEN-L152\ALDFYGEV	29	>PTEN-L152\AVDFYGEV	3400	3371
>PTEN-L152\ALDFYGEV	3	>PTEN-L152\AVDFYGEV	104	101
>PTEN-L152\ALDFYGEVRT	416	>PTEN-L152\AVDFYGEVRT	17543	17127
>PTEN-L152\ALDFYGEV	1767	>PTEN-L152\AVDFYGEV	354	1413
>PTEN-L152\EALDFYGEV	224	>PTEN-L152\EAVDFYGEV	260	36
>PTEN-L152\EALDFYGEV	188	>PTEN-L152\EAVDFYGEV	1270	1082
>PTEN-L152\EALDFYGEV	2235	>PTEN-L152\EAVDFYGEV	77	2158
>PTEN-L152\EALDFYGEVR	299	>PTEN-L152\EAVDFYGEVF	566	267
>PTEN-L152\EALDFYGEVR	28	>PTEN-L152\EAVDFYGEVF	13	15
>PTEN-L152\EALDFYGEV	11	>PTEN-L152\EAVDFYGEV	6	5

>PTEN-L152\EALDFYGEV	4	>PTEN-L152\EAVDFYGEV	6	2
>PTEN-L152\QEALDFYGEV	22	>PTEN-L152\QEAVDFYGEV	50	28
>PTEN-L152\QEALDFYGEV	112	>PTEN-L152\QEAVDFYGEV	140	28
>PTEN-L152\QEALDFYGEV	426	>PTEN-L152\QEAVDFYGEV	376	50
>PTEN-L152\QEALDFYGEV	361	>PTEN-L152\QEAVDFYGEV	283	78
>PTEN-L152\QEALDFYGE	551	>PTEN-L152\QEAVDFYGE	410	141
>PTEN-L152\QEALDFYGEV	116	>PTEN-L152\QEAVDFYGEV	113	3
>PTEN-L152\AQEALDFYGE	422	>PTEN-L152\AQEAVDFYGI	425	3
>PTEN-L152\AQEALDFYGE	39	>PTEN-L152\AQEAVDFYGI	31	8
>PTEN-L152\AQEALDFYGE	942	>PTEN-L152\AQEAVDFYGI	447	495
>PTEN-L152\AQEALDFY	178	>PTEN-L152\AQEAVDFY	214	36
>PTEN-L152\AQEALDFY	421	>PTEN-L152\AQEAVDFY	339	82
>PTEN-L152\KAQEALDFY	271	>PTEN-L152\KAQEAVDFY	505	234
>PTEN-L152\KAQEALDFY	46	>PTEN-L152\KAQEAVDFY	82	36
>PTEN-L152\KAQEALDF	1355	>PTEN-L152\KAQEAVDF	435	920
>PTEN-L152\KAQEALDF	309	>PTEN-L152\KAQEAVDF	132	177
>PTEN-L152\KAQEALDF	30	>PTEN-L152\KAQEAVDF	40	10
>PTEN-L152\KAQEALDFY	139	>PTEN-L152\KAQEAVDFY	96	43
>PTEN-L152\KAQEALDFY	481	>PTEN-L152\KAQEAVDFY	409	72
>PTEN-L152\KAQEALDF	133	>PTEN-L152\KAQEAVDF	284	151
>PTEN-L152\KAQEALDFY	195	>PTEN-L152\KAQEAVDFY	75	120
>PTEN-L152\LKAQEALDF	6	>PTEN-L152\LKAQEAVDF	5	1
>PTEN-L152\LKAQEALDFY	85	>PTEN-L152\LKAQEAVDFY	46	39
>PTEN-L152\FLKAQEAL	179	>PTEN-L152\FLKAQEAV	53	126
>PTEN-L152\FLKAQEAL	4	>PTEN-L152\FLKAQEAV	4	0
>PTEN-L152\FLKAQEALDF	370	>PTEN-L152\FLKAQEAVDF	506	136
>PTEN-L152\FLKAQEAL	8	>PTEN-L152\FLKAQEAV	3	5
>PTEN-L152\FLKAQEAL	280	>PTEN-L152\FLKAQEAV	36	244
>PTEN-L152\FLKAQEAL	58	>PTEN-L152\FLKAQEAV	6	52
>PTEN-L152\FLKAQEAL	47	>PTEN-L152\FLKAQEAV	8	39
>PTEN-L152\FLKAQEAL	875	>PTEN-L152\FLKAQEAV	35	840
>PTEN-L152\FLKAQEAL	1321	>PTEN-L152\FLKAQEAV	72	1249
>PTEN-L152\FLKAQEAL	4	>PTEN-L152\FLKAQEAV	2	2
>PTEN-L152\FLKAQEALDF	98	>PTEN-L152\FLKAQEAVDF	210	112
>PTEN-L152\FLKAQEALDF	209	>PTEN-L152\FLKAQEAVDF	295	86
>PTEN-L152\FLKAQEALDF	122	>PTEN-L152\FLKAQEAVDF	222	100
>PTEN-L152\FLKAQEAL	68	>PTEN-L152\FLKAQEAV	286	218
>PTEN-L152\FLKAQEAL	343	>PTEN-L152\FLKAQEAV	1074	731
>PTEN-L152\FLKAQEALDF	105	>PTEN-L152\FLKAQEAVDF	111	6
>PTEN-L152\FLKAQEALDF	105	>PTEN-L152\FLKAQEAVDF	76	29
>PTEN-L152\FLKAQEALDF	108	>PTEN-L152\FLKAQEAVDF	116	8
>PTEN-L152\FLKAQEALDF	78	>PTEN-L152\FLKAQEAVDF	62	16
>PTEN-L152\FLKAQEALDF	37	>PTEN-L152\FLKAQEAVDF	22	15



>PTEN-L152\ FLKAQEALDF	716	>PTEN-L152\ FLKAQEAVDF	403	313
>PTEN-L152\ KFLKAQEAL	154	>PTEN-L152\ KFLKAQEAV	643	489
>PTEN-L152\ KFLKAQEALD	77	>PTEN-L152\ KFLKAQEAVC	68	9
>PTEN-L152\ KFLKAQEALD	345	>PTEN-L152\ KFLKAQEAVC	423	78
>PTEN-L152\ KFLKAQEAL	37	>PTEN-L152\ KFLKAQEAV	1527	1490
>PTEN-L152\ KFLKAQEALD	9	>PTEN-L152\ KFLKAQEAVC	8	1
>PTEN-L152\ KFLKAQEALD	745	>PTEN-L152\ KFLKAQEAVC	336	409
>PTEN-L152\ KFLKAQEALD	364	>PTEN-L152\ KFLKAQEAVC	251	113
>PTEN-L152\ KFLKAQEAL	257	>PTEN-L152\ KFLKAQEAV	387	130
>PTEN-L152\ GKFLKAQEAL	109	>PTEN-L152\ GKFLKAQEAV	274	165
>PTEN-L181F LLKNHLDYRP	79	>PTEN-L181F PLKNHLDYRP	1796	1717
>PTEN-L181F LLKNHLDYRP	4	>PTEN-L181F PLKNHLDYRP	82	78
>PTEN-L181F LLKNHLDYRP	278	>PTEN-L181F PLKNHLDYRP	8754	8476
>PTEN-L181F LLKNHLDYRP	27	>PTEN-L181F PLKNHLDYRP	540	513
>PTEN-L181F LLKNHLDYRP	36	>PTEN-L181F PLKNHLDYRP	1443	1407
>PTEN-L181F LLKNHLDYRP	5	>PTEN-L181F PLKNHLDYRP	93	88
>PTEN-L181F LLKNHLDY	63	>PTEN-L181F PLKNHLDY	160	97
>PTEN-L181F LLKNHLDY	443	>PTEN-L181F PLKNHLDY	1804	1361
>PTEN-L181F LLKNHLDYR	10	>PTEN-L181F PLKNHLDYR	161	151
>PTEN-L181F LLKNHLDYR	347	>PTEN-L181F PLKNHLDYR	1964	1617
>PTEN-L181F LLKNHLDY	276	>PTEN-L181F PLKNHLDY	1192	916
>PTEN-L181F LLKNHLDYRP	177	>PTEN-L181F PLKNHLDYRP	1618	1441
>PTEN-L181F LLKNHLDY	57	>PTEN-L181F PLKNHLDY	2043	1986
>PTEN-L181F LLKNHLDY	248	>PTEN-L181F PLKNHLDY	1465	1217
>PTEN-L181F LLKNHLDY	179	>PTEN-L181F PLKNHLDY	2666	2487
>PTEN-L181F YLLKNHLDY	36041	>PTEN-L181F YPLKNHLDY	286	35755
>PTEN-L181F YLLKNHLDYR	262	>PTEN-L181F YPLKNHLDYR	27940	27678
>PTEN-L181F YLLKNHLDY	6	>PTEN-L181F YPLKNHLDY	28	22
>PTEN-L181F YLLKNHLDYR	202	>PTEN-L181F YPLKNHLDYR	2038	1836
>PTEN-L181F YLLKNHLDYR	171	>PTEN-L181F YPLKNHLDYR	1860	1689
>PTEN-L181F YLLKNHLDY	4	>PTEN-L181F YPLKNHLDY	31	27
>PTEN-L181F YLLKNHLDY	121	>PTEN-L181F YPLKNHLDY	10168	10047
>PTEN-L181F YLLKNHLDY	32	>PTEN-L181F YPLKNHLDY	317	285
>PTEN-L181F YLLKNHLDY	22	>PTEN-L181F YPLKNHLDY	203	181
>PTEN-L181F YLLKNHLDY	916	>PTEN-L181F YPLKNHLDY	15	901
>PTEN-L181F YLLKNHLDY	27975	>PTEN-L181F YPLKNHLDY	103	27872
>PTEN-L181F YLLKNHLDY	19876	>PTEN-L181F YPLKNHLDY	158	19718
>PTEN-L181F YLLKNHLDY	495	>PTEN-L181F YPLKNHLDY	6652	6157
>PTEN-L181F YLLKNHLDYR	327	>PTEN-L181F YPLKNHLDYR	13746	13419
>PTEN-L181F YLLKNHLDYR	43	>PTEN-L181F YPLKNHLDYR	105	62
>PTEN-L181F QRRYVYYYSY	44	>PTEN-L181F QRRYVYYYSY	1448	1404
>PTEN-L181F QRRYVYYYSY	41	>PTEN-L181F QRRYVYYYSY	1674	1633
>PTEN-L181F QRRYVYYYSY	19	>PTEN-L181F QRRYVYYYSY	4969	4950

>PTEN-L181FSYLLKNHL	13	>PTEN-L181FSYPLKNHL	558	545
>PTEN-L181FSYLLKNHL	810	>PTEN-L181FSYPLKNHL	484	326
>PTEN-L181FSYLLKNHLDY	2676	>PTEN-L181FSYPLKNHLDY	369	2307
>PTEN-L181FSYLLKNHL	12	>PTEN-L181FSYPLKNHL	11	1
>PTEN-L181FSYLLKNHLDY	499	>PTEN-L181FSYPLKNHLDY	362	137
>PTEN-L181FSYLLKNHLDY	51	>PTEN-L181FSYPLKNHLDY	59	8
>PTEN-L181FSYLLKNHLDY	246	>PTEN-L181FSYPLKNHLDY	386	140
>PTEN-L181FSYLLKNHLDYI	15	>PTEN-L181FSYPLKNHLDY	104	89
>PTEN-L181FSYLLKNHLDYI	82	>PTEN-L181FSYPLKNHLDY	712	630
>PTEN-L181FSYLLKNHLDY	21	>PTEN-L181FSYPLKNHLDY	185	164
>PTEN-L181FSYLLKNHLDYI	15	>PTEN-L181FSYPLKNHLDY	19	4
>PTEN-L181FSYLLKNHL	463	>PTEN-L181FSYPLKNHL	468	5
>PTEN-L181FYSYLLKNHL	16	>PTEN-L181FYSYPLKNHL	32	16
>PTEN-L181FYSYLLKNHLD'	125	>PTEN-L181FYSYPLKNHLD'	176	51
>PTEN-L181FYSYLLKNHLD'	15	>PTEN-L181FYSYPLKNHLD'	10	5
>PTEN-L181FYSYLLKNHLD'	641	>PTEN-L181FYSYPLKNHLD'	220	421
>PTEN-L181FYSYLLKNHL	1543	>PTEN-L181FYSYPLKNHL	312	1231
>PTEN-L181FYSYLLKNHLD'	71	>PTEN-L181FYSYPLKNHLD'	43	28
>PTEN-L181FYSYLLKNHLD'	164	>PTEN-L181FYSYPLKNHLD'	69	95
>PTEN-L181FYSYLLKNHL	852	>PTEN-L181FYSYPLKNHL	278	574
>PTEN-L181FYSYLLKNHLD'	47	>PTEN-L181FYSYPLKNHLD'	17	30
>PTEN-L181FYSYLLKNH	289	>PTEN-L181FYSYPLKNH	81	208
>PTEN-L181FYSYLLKNHL	52	>PTEN-L181FYSYPLKNHL	26	26
>PTEN-L181FYSYLLKNHLD'	5	>PTEN-L181FYSYPLKNHLD'	4	1
>PTEN-L181FYSYLLKNHLD'	315	>PTEN-L181FYSYPLKNHLD'	164	151
>PTEN-L181FYSYLLKNHLD'	3047	>PTEN-L181FYSYPLKNHLD'	432	2615
>PTEN-L181FYSYLLKNHL	2879	>PTEN-L181FYSYPLKNHL	373	2506
>PTEN-L181FYSYLLKNHLD'	1013	>PTEN-L181FYSYPLKNHLD'	209	804
>PTEN-L181FYSYLLKNHL	740	>PTEN-L181FYSYPLKNHL	206	534
>PTEN-L181FYSYLLKNHL	143	>PTEN-L181FYSYPLKNHL	58	85
>PTEN-L181FYSYLLKNHLD'	58	>PTEN-L181FYSYPLKNHLD'	30	28
>PTEN-L181FYSYLLKNHLD'	815	>PTEN-L181FYSYPLKNHLD'	432	383
>PTEN-L181FYSYLLKNHL	994	>PTEN-L181FYSYPLKNHL	81	913
>PTEN-L181FYYSYLLKNHL	49	>PTEN-L181FYYSYPLKNHL	436	387
>PTEN-L181FYYSYLLKNHL	115	>PTEN-L181FYYSYPLKNHL	105	10
>PTEN-L181FYYSYLLKNHL	108	>PTEN-L181FYYSYPLKNHL	110	2
>PTEN-L181FYYSYLLKNHL	8	>PTEN-L181FYYSYPLKNHL	9	1
>PTEN-L181FYYSYLLKNHL	117	>PTEN-L181FYYSYPLKNHL	77	40
>PTEN-L181FYYSYLLKNHI	31	>PTEN-L181FYYSYPLKNHI	57	26
>PTEN-L181FYYSYLLKNHI	250	>PTEN-L181FYYSYPLKNHI	312	62
>PTEN-L181FYYSYLLKNHI	109	>PTEN-L181FYYSYPLKNHI	216	107
>PTEN-L181FYYSYLLKNHI	536	>PTEN-L181FYYSYPLKNHI	410	126
>PTEN-L181FYYSYLLK	387	>PTEN-L181FYYSYPLK	666	279

>PTEN-L181F YYYSYLLK	85	>PTEN-L181F YYYSYPLK	152	67
>PTEN-L181F YYYSYLLK	59	>PTEN-L181F YYYSYPLK	56	3
>PTEN-L181F YYYSYLLKNHI	29	>PTEN-L181F YYYSYPLKNHI	23	6
>PTEN-L181F YYYSYLLK	399	>PTEN-L181F YYYSYPLK	422	23
>PTEN-L181F YYYSYLLKNHI	147	>PTEN-L181F YYYSYPLKNHI	112	35
>PTEN-L181F YYYSYLLK	127	>PTEN-L181F YYYSYPLK	220	93
>PTEN-L181F YYYSYLLKN	315	>PTEN-L181F YYYSYPLKN	1157	842
>PTEN-L181F YYYSYLLKNHI	6	>PTEN-L181F YYYSYPLKNHI	6	0
>PTEN-L181F YYYSYLLK	269	>PTEN-L181F YYYSYPLK	552	283
>PTEN-L181F YYYSYLLK	125	>PTEN-L181F YYYSYPLK	89	36
>PTEN-L181F YYYSYLLK	211	>PTEN-L181F YYYSYPLK	262	51
>PTEN-L181F YYYSYLLK	364	>PTEN-L181F YYYSYPLK	611	247
>PTEN-L181F YYYSYLLK	81	>PTEN-L181F YYYSYPLK	79	2
>PTEN-L181F YYYSYLLKNHI	597	>PTEN-L181F YYYSYPLKNHI	384	213
>PTEN-L181F YYYSYLLK	50	>PTEN-L181F YYYSYPLK	66	16
>PTEN-L181F YYYSYLLKNHI	347	>PTEN-L181F YYYSYPLKNHI	590	243
>PTEN-L181F YYYSYLLKNHI	441	>PTEN-L181F YYYSYPLKNHI	334	107
>PTEN-L181F VYYYSYLL	63	>PTEN-L181F VYYYSYPL	27	36
>PTEN-L181F VYYYSYLL	411	>PTEN-L181F VYYYSYPL	532	121
>PTEN-L181F VYYYSYLLK	105	>PTEN-L181F VYYYSYPLK	252	147
>PTEN-L181F VYYYSYLLK	39	>PTEN-L181F VYYYSYPLK	84	45
>PTEN-L181F VYYYSYLL	28	>PTEN-L181F VYYYSYPL	30	2
>PTEN-L181F VYYYSYLLK	68	>PTEN-L181F VYYYSYPLK	62	6
>PTEN-L181F VYYYSYLL	59	>PTEN-L181F VYYYSYPL	128	69
>PTEN-L181F VYYYSYLLK	411	>PTEN-L181F VYYYSYPLK	623	212
>PTEN-L181F VYYYSYLL	23	>PTEN-L181F VYYYSYPL	37	14
>PTEN-L181F VYYYSYLLK	23	>PTEN-L181F VYYYSYPLK	14	9
>PTEN-L181F VYYYSYLLK	302	>PTEN-L181F VYYYSYPLK	202	100
>PTEN-L181F VYYYSYLL	1091	>PTEN-L181F VYYYSYPL	301	790
>PTEN-L181F VYYYSYLL	234	>PTEN-L181F VYYYSYPL	1217	983
>PTEN-L181F VYYYSYLLK	155	>PTEN-L181F VYYYSYPLK	476	321
>PTEN-L181F VYYYSYLL	353	>PTEN-L181F VYYYSYPL	615	262
>PTEN-L181F VYYYSYLL	188	>PTEN-L181F VYYYSYPL	205	17
>PTEN-L181F VVYYYSYL	4	>PTEN-L181F VVYYYSYPL	848	844
>PTEN-L181F VVYYYSYLL	20	>PTEN-L181F VVYYYSYPL	15	5
>PTEN-L181F VVYYYSYL	10	>PTEN-L181F VVYYYSYPL	10897	10887
>PTEN-L181F VVYYYSYLL	7	>PTEN-L181F VVYYYSYPL	6	1
>PTEN-L181F VVYYYSYL	4	>PTEN-L181F VVYYYSYPL	1021	1017
>PTEN-L181F VVYYYSYLL	3	>PTEN-L181F VVYYYSYPL	3	0
>PTEN-L181F VVYYYSYL	9	>PTEN-L181F VVYYYSYPL	1621	1612
>PTEN-L181F VVYYYSYLL	18	>PTEN-L181F VVYYYSYPL	10	8
>PTEN-L181F VVYYYSYL	8	>PTEN-L181F VVYYYSYPL	1231	1223
>PTEN-L181F VVYYYSYLL	8	>PTEN-L181F VVYYYSYPL	5	3

>PTEN-L181FYVYYYSYL	5	>PTEN-L181FYVYYYSYP	2308	2303
>PTEN-L181FYVYYYSYLL	10	>PTEN-L181FYVYYYSYPL	7	3
>PTEN-L181FYVYYYSYL	21	>PTEN-L181FYVYYYSYP	11536	11515
>PTEN-L181FYVYYYSYLL	12	>PTEN-L181FYVYYYSYPL	6	6
>PTEN-L181FYVYYYSYL	42	>PTEN-L181FYVYYYSYP	16014	15972
>PTEN-L181FYVYYYSYLL	86	>PTEN-L181FYVYYYSYPL	62	24
>PTEN-L181FYVYYYSYL	99	>PTEN-L181FYVYYYSYP	21756	21657
>PTEN-L181FYVYYYSYLL	200	>PTEN-L181FYVYYYSYPL	106	94
>PTEN-L181FYVYYYSYL	12	>PTEN-L181FYVYYYSYP	17427	17415
>PTEN-L181FYVYYYSYLL	27	>PTEN-L181FYVYYYSYPL	37	10
>PTEN-L181FYVYYYSYLLK	8	>PTEN-L181FYVYYYSYPLK	11	3
>PTEN-L181FYVYYYSYLLK	7	>PTEN-L181FYVYYYSYPLK	11	4
>PTEN-L181FYVYYYSYL	193	>PTEN-L181FYVYYYSYP	17859	17666
>PTEN-L181FYVYYYSYLL	2715	>PTEN-L181FYVYYYSYPL	405	2310
>PTEN-L181FYVYYYSYLL	71	>PTEN-L181FYVYYYSYPL	289	218
>PTEN-L181FYVYYYSYLLK	41	>PTEN-L181FYVYYYSYPLK	28	13
>PTEN-L181FYVYYYSYLLK	165	>PTEN-L181FYVYYYSYPLK	514	349
>PTEN-L181FYVYYYSYLL	81	>PTEN-L181FYVYYYSYPL	17	64
>PTEN-L181FYVYYYSYLLK	274	>PTEN-L181FYVYYYSYPLK	1036	762
>PTEN-L181FYVYYYSYL	377	>PTEN-L181FYVYYYSYP	1339	962
>PTEN-L181FYVYYYSYLL	253	>PTEN-L181FYVYYYSYPL	731	478
>PTEN-L181FYVYYYSYLLK	6	>PTEN-L181FYVYYYSYPLK	6	0
>PTEN-L181FYVYYYSYL	21	>PTEN-L181FYVYYYSYP	2869	2848
>PTEN-L181FYVYYYSYLL	11	>PTEN-L181FYVYYYSYPL	7	4
>PTEN-L181FYVYYYSYL	17	>PTEN-L181FYVYYYSYP	4645	4628
>PTEN-L181FYVYYYSYLL	19	>PTEN-L181FYVYYYSYPL	8	11
>PTEN-L181FYVYYYSYLL	8096	>PTEN-L181FYVYYYSYPL	454	7642
>PTEN-L181FYVYYYSYLL	676	>PTEN-L181FYVYYYSYPL	96	580
>PTEN-L181FYVYYYSYL	279	>PTEN-L181FYVYYYSYP	5527	5248
>PTEN-L181FYVYYYSYLL	421	>PTEN-L181FYVYYYSYPL	50	371
>PTEN-L181FYVYYYSYL	85	>PTEN-L181FYVYYYSYP	2883	2798
>PTEN-L181FYVYYYSYLL	255	>PTEN-L181FYVYYYSYPL	38	217
>PTEN-L181FYVYYYSYL	52	>PTEN-L181FYVYYYSYP	18004	17952
>PTEN-L181FYVYYYSYLL	84	>PTEN-L181FYVYYYSYPL	23	61
>PTEN-L181FYVYYYSYLL	219	>PTEN-L181FYVYYYSYPL	23	196
>PTEN-L181FYVYYYSYLL	75	>PTEN-L181FYVYYYSYPL	18	57
>PTEN-L181FYVYYYSYLL	971	>PTEN-L181FYVYYYSYPL	462	509
>PTEN-L181FYVYYYSYLL	63	>PTEN-L181FYVYYYSYPL	280	217
>PTEN-L181FYVYYYSYLL	51	>PTEN-L181FYVYYYSYPL	896	845
>PTEN-L181FYVYYYSYLL	750	>PTEN-L181FYVYYYSYPL	56	694
>PTEN-L181FYVYYYSYLLK	50	>PTEN-L181FYVYYYSYPLK	66	16
>PTEN-L181FYVYYYSYLLK	490	>PTEN-L181FYVYYYSYPLK	605	115
>PTEN-L181F RYVYYYSYL	51	>PTEN-L181F RYVYYYSYP	2353	2302

>PTEN-L181F RYVYYYYSYL	340	>PTEN-L181F RYVYYYYSYP	22576	22236
>PTEN-L181F RYVYYYYSYLLK	94	>PTEN-L181F RYVYYYYSYPLK	176	82
>PTEN-L181F RYVYYYYSYL	42	>PTEN-L181F RYVYYYYSYP	4631	4589
>PTEN-L181F RYVYYYYSYLL	6	>PTEN-L181F RYVYYYYSYPL	11	5
>PTEN-L181F RYVYYYYSYLLK	105	>PTEN-L181F RYVYYYYSYPLK	104	1
>PTEN-L181F RYVYYYYSYL	56	>PTEN-L181F RYVYYYYSYP	1518	1462
>PTEN-L181F RYVYYYYSYLL	26	>PTEN-L181F RYVYYYYSYPL	33	7
>PTEN-L181F RYVYYYYSYLLK	271	>PTEN-L181F RYVYYYYSYPLK	352	81
>PTEN-L181F RYVYYYYSYL	6	>PTEN-L181F RYVYYYYSYP	519	513
>PTEN-L181F RYVYYYYSYLL	10	>PTEN-L181F RYVYYYYSYPL	14	4
>PTEN-L181F RYVYYYYSYLLK	446	>PTEN-L181F RYVYYYYSYPLK	547	101
>PTEN-L181F RYVYYYYSYLL	222	>PTEN-L181F RYVYYYYSYPL	301	79
>PTEN-L181F RYVYYYYSYL	121	>PTEN-L181F RYVYYYYSYP	1819	1698
>PTEN-L181F RYVYYYYSYLL	348	>PTEN-L181F RYVYYYYSYPL	148	200
>PTEN-L181F RYVYYYYSYLLK	6	>PTEN-L181F RYVYYYYSYPLK	5	1
>PTEN-L181F RYVYYYYSYLL	410	>PTEN-L181F RYVYYYYSYPL	981	571
>PTEN-L181F RYVYYYYSYL	105	>PTEN-L181F RYVYYYYSYP	1836	1731
>PTEN-L181F RYVYYYYSYLLK	33	>PTEN-L181F RYVYYYYSYPLK	27	6
>PTEN-L181F RYVYYYYSYLL	747	>PTEN-L181F RYVYYYYSYPL	172	575
>PTEN-L181F RYVYYYYSYL	223	>PTEN-L181F RYVYYYYSYP	6399	6176
>PTEN-L181F RYVYYYYSYLL	1103	>PTEN-L181F RYVYYYYSYPL	239	864
>PTEN-L181F RYVYYYYSYLL	420	>PTEN-L181F RYVYYYYSYPL	246	174
>PTEN-L181F RYVYYYYSYL	403	>PTEN-L181F RYVYYYYSYP	15147	14744
>PTEN-L181F RYVYYYYSYLLK	42	>PTEN-L181F RYVYYYYSYPLK	69	27
>PTEN-L181F RYVYYYYSYL	311	>PTEN-L181F RYVYYYYSYP	10440	10129
>PTEN-L181F RYVYYYYSYLL	195	>PTEN-L181F RYVYYYYSYPL	430	235
>PTEN-L181F RYVYYYYSYL	37	>PTEN-L181F RYVYYYYSYP	137	100
>PTEN-L181F RYVYYYYSYLL	32	>PTEN-L181F RYVYYYYSYPL	29	3
>PTEN-L181F RYVYYYYSYLLK	325	>PTEN-L181F RYVYYYYSYPLK	386	61
>PTEN-L181F RRYVYYYYSYLL	136	>PTEN-L181F RRYVYYYYSYPI	87	49
>PTEN-L181F RRYVYYYYSYL	429	>PTEN-L181F RRYVYYYYSYP	23547	23118
>PTEN-L181F RRYVYYYYSYLL	2061	>PTEN-L181F RRYVYYYYSYPI	471	1590
>PTEN-L181F RRYVYYYYSYL	8	>PTEN-L181F RRYVYYYYSYP	104	96
>PTEN-L181F RRYVYYYYSYLL	19	>PTEN-L181F RRYVYYYYSYPI	6	13
>PTEN-L181F RRYVYYYYSYL	7	>PTEN-L181F RRYVYYYYSYP	71	64
>PTEN-L181F RRYVYYYYSYLL	8	>PTEN-L181F RRYVYYYYSYPI	8	0
>PTEN-L181F RRYVYYYYSYL	325	>PTEN-L181F RRYVYYYYSYP	18521	18196
>PTEN-L181F RRYVYYYYSYLL	50	>PTEN-L181F RRYVYYYYSYPI	20	30
>PTEN-L181F RRYVYYYYSYL	263	>PTEN-L181F RRYVYYYYSYP	16327	16064
>PTEN-L181F RRYVYYYYSYLL	106	>PTEN-L181F RRYVYYYYSYPI	80	26
>PTEN-L181F RRYVYYYYSYL	14	>PTEN-L181F RRYVYYYYSYP	174	160
>PTEN-L181F RRYVYYYYSYLL	11	>PTEN-L181F RRYVYYYYSYPI	14	3
>PTEN-L181F RRYVYYYYSYL	12	>PTEN-L181F RRYVYYYYSYP	168	156

>PTEN-L181F RRYVYYYSYLL	3	>PTEN-L181F RRYVYYYSYPI	6	3
>PTEN-L182F LKNHLDYRPV	111	>PTEN-L182F FKNHLDYRPV	64	47
>PTEN-L182F LKNHLDYRPV	686	>PTEN-L182F FKNHLDYRPV	390	296
>PTEN-L182F LLKNHLDYRP	79	>PTEN-L182F LFKNHLDYRP	3743	3664
>PTEN-L182F LLKNHLDYRP	4	>PTEN-L182F LFKNHLDYRP	1593	1589
>PTEN-L182F LLKNHLDYRP	278	>PTEN-L182F LFKNHLDYRP	7414	7136
>PTEN-L182F LLKNHLDYRP	27	>PTEN-L182F LFKNHLDYRP	10711	10684
>PTEN-L182F LLKNHLDYRP	36	>PTEN-L182F LFKNHLDYRP	14770	14734
>PTEN-L182F LLKNHLDYRP	5	>PTEN-L182F LFKNHLDYRP	7983	7978
>PTEN-L182F LLKNHLDY	63	>PTEN-L182F LFKNHLDY	28	35
>PTEN-L182F LLKNHLDY	443	>PTEN-L182F LFKNHLDY	1112	669
>PTEN-L182F LLKNHLDYR	10	>PTEN-L182F LFKNHLDYR	8	2
>PTEN-L182F LLKNHLDYR	347	>PTEN-L182F LFKNHLDYR	65	282
>PTEN-L182F LLKNHLDY	276	>PTEN-L182F LFKNHLDY	1180	904
>PTEN-L182F LLKNHLDYRP	177	>PTEN-L182F LFKNHLDYRP	2000	1823
>PTEN-L182F LLKNHLDY	57	>PTEN-L182F LFKNHLDY	606	549
>PTEN-L182F LLKNHLDY	248	>PTEN-L182F LFKNHLDY	950	702
>PTEN-L182F LLKNHLDY	179	>PTEN-L182F LFKNHLDY	2628	2449
>PTEN-L182F LLKNHLDYR	678	>PTEN-L182F LFKNHLDYR	182	496
>PTEN-L182F RRYVYYYSYLL	136	>PTEN-L182F RRYVYYYSYLF	263	127
>PTEN-L182F RRYVYYYSYLL	1708	>PTEN-L182F RRYVYYYSYLF	129	1579
>PTEN-L182F RRYVYYYSYLL	3174	>PTEN-L182F RRYVYYYSYLF	374	2800
>PTEN-L182F RRYVYYYSYLL	19	>PTEN-L182F RRYVYYYSYLF	3	16
>PTEN-L182F RRYVYYYSYLL	8	>PTEN-L182F RRYVYYYSYLF	9	1
>PTEN-L182F RRYVYYYSYLL	50	>PTEN-L182F RRYVYYYSYLF	1277	1227
>PTEN-L182F RRYVYYYSYLL	106	>PTEN-L182F RRYVYYYSYLF	1502	1396
>PTEN-L182F RRYVYYYSYLL	11	>PTEN-L182F RRYVYYYSYLF	18	7
>PTEN-L182F RRYVYYYSYLL	3	>PTEN-L182F RRYVYYYSYLF	6	3
>PTEN-L182F RRYVYYYSYLL	785	>PTEN-L182F RRYVYYYSYLF	83	702
>PTEN-L182F YLLKNHLDYR	827	>PTEN-L182F YLFKNHLDYR	298	529
>PTEN-L182F YLLKNHLDYR	262	>PTEN-L182F YLFKNHLDYR	159	103
>PTEN-L182F YLLKNHLDYR	630	>PTEN-L182F YLFKNHLDYR	368	262
>PTEN-L182F YLLKNHLD	1057	>PTEN-L182F YLFKNHLD	423	634
>PTEN-L182F YLLKNHLDY	868	>PTEN-L182F YLFKNHLDY	376	492
>PTEN-L182F YLLKNHLDY	2343	>PTEN-L182F YLFKNHLDY	348	1995
>PTEN-L182F YLLKNHLDY	6	>PTEN-L182F YLFKNHLDY	5	1
>PTEN-L182F YLLKNHLDYR	202	>PTEN-L182F YLFKNHLDYR	146	56
>PTEN-L182F YLLKNHLDYR	558	>PTEN-L182F YLFKNHLDYR	346	212
>PTEN-L182F YLLKNHLDYR	171	>PTEN-L182F YLFKNHLDYR	22	149
>PTEN-L182F YLLKNHLDY	4	>PTEN-L182F YLFKNHLDY	4	0
>PTEN-L182F YLLKNHLDY	121	>PTEN-L182F YLFKNHLDY	44	77
>PTEN-L182F YLLKNHLDY	32	>PTEN-L182F YLFKNHLDY	17	15
>PTEN-L182F YLLKNHLDY	22	>PTEN-L182F YLFKNHLDY	6	16

>PTEN-L182FYLLKNHLDY	556	>PTEN-L182FYLFKNHLDY	154	402
>PTEN-L182FYLLKNHLDY	916	>PTEN-L182FYLFKNHLDY	441	475
>PTEN-L182FYLLKNHLDY	495	>PTEN-L182FYLFKNHLDY	80	415
>PTEN-L182FYLLKNHLDYR	327	>PTEN-L182FYLFKNHLDYR	150	177
>PTEN-L182FYLLKNHLDYR	43	>PTEN-L182FYLFKNHLDYR	28	15
>PTEN-L182FSYLLKNHL	13	>PTEN-L182FSYLFKNHL	23	10
>PTEN-L182FSYLLKNHL	959	>PTEN-L182FSYLFKNHL	289	670
>PTEN-L182FSYLLKNHL	12	>PTEN-L182FSYLFKNHL	10	2
>PTEN-L182FSYLLKNHLDY	499	>PTEN-L182FSYLFKNHLDY	364	135
>PTEN-L182FSYLLKNHLDY	51	>PTEN-L182FSYLFKNHLDY	37	14
>PTEN-L182FSYLLKNHLDY	246	>PTEN-L182FSYLFKNHLDY	225	21
>PTEN-L182FSYLLKNHLDYI	15	>PTEN-L182FSYLFKNHLDYI	12	3
>PTEN-L182FSYLLKNHLDYI	82	>PTEN-L182FSYLFKNHLDYI	82	0
>PTEN-L182FSYLLKNHLDYI	1246	>PTEN-L182FSYLFKNHLDYI	450	796
>PTEN-L182FSYLLKNHLDY	21	>PTEN-L182FSYLFKNHLDY	10	11
>PTEN-L182FSYLLKNHLDYI	15	>PTEN-L182FSYLFKNHLDYI	17	2
>PTEN-L182FSYLLKNHL	463	>PTEN-L182FSYLFKNHL	230	233
>PTEN-L182FSYLLKNHL	566	>PTEN-L182FSYLFKNHL	306	260
>PTEN-L182FYSYLLKNHL	16	>PTEN-L182FYSYLFKNHL	7	9
>PTEN-L182FYSYLLKNHLD'	125	>PTEN-L182FYSYLFKNHLD'	104	21
>PTEN-L182FYSYLLKNHLD'	15	>PTEN-L182FYSYLFKNHLD'	14	1
>PTEN-L182FYSYLLKNHLD'	641	>PTEN-L182FYSYLFKNHLD'	473	168
>PTEN-L182FYSYLLKNHLD'	71	>PTEN-L182FYSYLFKNHLD'	77	6
>PTEN-L182FYSYLLKNHLD'	164	>PTEN-L182FYSYLFKNHLD'	183	19
>PTEN-L182FYSYLLKNHLD'	1079	>PTEN-L182FYSYLFKNHLD'	403	676
>PTEN-L182FYSYLLKNHL	852	>PTEN-L182FYSYLFKNHL	311	541
>PTEN-L182FYSYLLKNHLD'	47	>PTEN-L182FYSYLFKNHLD'	21	26
>PTEN-L182FYSYLLKNH	289	>PTEN-L182FYSYLFKNH	443	154
>PTEN-L182FYSYLLKNHL	52	>PTEN-L182FYSYLFKNHL	43	9
>PTEN-L182FYSYLLKNHLD'	5	>PTEN-L182FYSYLFKNHLD'	5	0
>PTEN-L182FYSYLLKNHLD'	315	>PTEN-L182FYSYLFKNHLD'	281	34
>PTEN-L182FYSYLLKNHL	740	>PTEN-L182FYSYLFKNHL	310	430
>PTEN-L182FYSYLLKNHL	143	>PTEN-L182FYSYLFKNHL	156	13
>PTEN-L182FYSYLLKNHLD'	58	>PTEN-L182FYSYLFKNHLD'	55	3
>PTEN-L182FYSYLLKNHL	994	>PTEN-L182FYSYLFKNHL	323	671
>PTEN-L182FYYSYLLKNHL	49	>PTEN-L182FYYSYLFKNHL	101	52
>PTEN-L182FYYSYLLKNHL	115	>PTEN-L182FYYSYLFKNHL	50	65
>PTEN-L182FYYSYLLKNHL	108	>PTEN-L182FYYSYLFKNHL	65	43
>PTEN-L182FYYSYLLKN	985	>PTEN-L182FYYSYLFKN	444	541
>PTEN-L182FYYSYLLKNHL	8	>PTEN-L182FYYSYLFKNHL	8	0
>PTEN-L182FYYSYLLKNHL	117	>PTEN-L182FYYSYLFKNHL	104	13
>PTEN-L182FYYSYLLKNHI	31	>PTEN-L182FYYSYLFKNHI	20	11
>PTEN-L182FYYSYLLKNHI	250	>PTEN-L182FYYSYLFKNHI	481	231

>PTEN-L182F Y Y Y S Y L L K N H I	109	>PTEN-L182F Y Y Y S Y L F K N H I	49	60
>PTEN-L182F Y Y Y S Y L L K N H I	615	>PTEN-L182F Y Y Y S Y L F K N H I	283	332
>PTEN-L182F Y Y Y S Y L L K N H I	536	>PTEN-L182F Y Y Y S Y L F K N H I	242	294
>PTEN-L182F Y Y Y S Y L L K N H I	563	>PTEN-L182F Y Y Y S Y L F K N H I	285	278
>PTEN-L182F Y Y Y S Y L L K	387	>PTEN-L182F Y Y Y S Y L F K	267	120
>PTEN-L182F Y Y Y S Y L L K	85	>PTEN-L182F Y Y Y S Y L F K	45	40
>PTEN-L182F Y Y Y S Y L L K	59	>PTEN-L182F Y Y Y S Y L F K	68	9
>PTEN-L182F Y Y Y S Y L L K N H I	29	>PTEN-L182F Y Y Y S Y L F K N H I	27	2
>PTEN-L182F Y Y Y S Y L L K	399	>PTEN-L182F Y Y Y S Y L F K	411	12
>PTEN-L182F Y Y Y S Y L L K N H I	147	>PTEN-L182F Y Y Y S Y L F K N H I	112	35
>PTEN-L182F Y Y Y S Y L L K	127	>PTEN-L182F Y Y Y S Y L F K	61	66
>PTEN-L182F Y Y Y S Y L L K N	315	>PTEN-L182F Y Y Y S Y L F K N	107	208
>PTEN-L182F Y Y Y S Y L L K N H I	6	>PTEN-L182F Y Y Y S Y L F K N H I	6	0
>PTEN-L182F Y Y Y S Y L L K	269	>PTEN-L182F Y Y Y S Y L F K	432	163
>PTEN-L182F Y Y Y S Y L L K	125	>PTEN-L182F Y Y Y S Y L F K	51	74
>PTEN-L182F Y Y Y S Y L L K	211	>PTEN-L182F Y Y Y S Y L F K	41	170
>PTEN-L182F Y Y Y S Y L L K	364	>PTEN-L182F Y Y Y S Y L F K	73	291
>PTEN-L182F Y Y Y S Y L L K	81	>PTEN-L182F Y Y Y S Y L F K	26	55
>PTEN-L182F Y Y Y S Y L L K	50	>PTEN-L182F Y Y Y S Y L F K	41	9
>PTEN-L182F Y Y Y S Y L L K N H I	347	>PTEN-L182F Y Y Y S Y L F K N H I	297	50
>PTEN-L182F Y Y Y S Y L L K N H I	441	>PTEN-L182F Y Y Y S Y L F K N H I	398	43
>PTEN-L182F V Y Y Y S Y L L	63	>PTEN-L182F V Y Y Y S Y L F	2252	2189
>PTEN-L182F V Y Y Y S Y L L	411	>PTEN-L182F V Y Y Y S Y L F	9557	9146
>PTEN-L182F V Y Y Y S Y L L K	105	>PTEN-L182F V Y Y Y S Y L F K	72	33
>PTEN-L182F V Y Y Y S Y L L K	39	>PTEN-L182F V Y Y Y S Y L F K	27	12
>PTEN-L182F V Y Y Y S Y L L	28	>PTEN-L182F V Y Y Y S Y L F	11	17
>PTEN-L182F V Y Y Y S Y L L K	68	>PTEN-L182F V Y Y Y S Y L F K	96	28
>PTEN-L182F V Y Y Y S Y L L	59	>PTEN-L182F V Y Y Y S Y L F	19	40
>PTEN-L182F V Y Y Y S Y L L K	411	>PTEN-L182F V Y Y Y S Y L F K	549	138
>PTEN-L182F V Y Y Y S Y L L	23	>PTEN-L182F V Y Y Y S Y L F	12	11
>PTEN-L182F V Y Y Y S Y L L K	1138	>PTEN-L182F V Y Y Y S Y L F K	494	644
>PTEN-L182F V Y Y Y S Y L L	1590	>PTEN-L182F V Y Y Y S Y L F	33	1557
>PTEN-L182F V Y Y Y S Y L L K	23	>PTEN-L182F V Y Y Y S Y L F K	9	14
>PTEN-L182F V Y Y Y S Y L L K	302	>PTEN-L182F V Y Y Y S Y L F K	71	231
>PTEN-L182F V Y Y Y S Y L L K	1172	>PTEN-L182F V Y Y Y S Y L F K	269	903
>PTEN-L182F V Y Y Y S Y L L K	585	>PTEN-L182F V Y Y Y S Y L F K	217	368
>PTEN-L182F V Y Y Y S Y L L	1091	>PTEN-L182F V Y Y Y S Y L F	43	1048
>PTEN-L182F V Y Y Y S Y L L	234	>PTEN-L182F V Y Y Y S Y L F	619	385
>PTEN-L182F V Y Y Y S Y L L K	155	>PTEN-L182F V Y Y Y S Y L F K	83	72
>PTEN-L182F V Y Y Y S Y L L	353	>PTEN-L182F V Y Y Y S Y L F	605	252
>PTEN-L182F V Y Y Y S Y L L	188	>PTEN-L182F V Y Y Y S Y L F	539	351
>PTEN-L182F V Y Y Y S Y L L K	969	>PTEN-L182F V Y Y Y S Y L F K	233	736
>PTEN-L182F V Y Y Y S Y L L	20	>PTEN-L182F V Y Y Y S Y L F	29	9



>PTEN-L182F YVYYYYSYLL	7	>PTEN-L182F YVYYYYSYLF	166	159
>PTEN-L182F YVYYYYSYLL	3	>PTEN-L182F YVYYYYSYLF	67	64
>PTEN-L182F YVYYYYSYLL	18	>PTEN-L182F YVYYYYSYLF	1707	1689
>PTEN-L182F YVYYYYSYLL	8	>PTEN-L182F YVYYYYSYLF	95	87
>PTEN-L182F YVYYYYSYLL	10	>PTEN-L182F YVYYYYSYLF	1261	1251
>PTEN-L182F YVYYYYSYLL	12	>PTEN-L182F YVYYYYSYLF	5194	5182
>PTEN-L182F YVYYYYSYLL	86	>PTEN-L182F YVYYYYSYLF	16165	16079
>PTEN-L182F YVYYYYSYLL	200	>PTEN-L182F YVYYYYSYLF	15842	15642
>PTEN-L182F YVYYYYSYLL	27	>PTEN-L182F YVYYYYSYLF	17433	17406
>PTEN-L182F YVYYYYSYLLK	8	>PTEN-L182F YVYYYYSYLFK	7	1
>PTEN-L182F YVYYYYSYLLK	7	>PTEN-L182F YVYYYYSYLFK	5	2
>PTEN-L182F YVYYYYSYLL	514	>PTEN-L182F YVYYYYSYLF	55	459
>PTEN-L182F YVYYYYSYLL	1316	>PTEN-L182F YVYYYYSYLF	141	1175
>PTEN-L182F YVYYYYSYLL	3686	>PTEN-L182F YVYYYYSYLF	373	3313
>PTEN-L182F YVYYYYSYLL	2978	>PTEN-L182F YVYYYYSYLF	285	2693
>PTEN-L182F YVYYYYSYLL	2715	>PTEN-L182F YVYYYYSYLF	233	2482
>PTEN-L182F YVYYYYSYLL	71	>PTEN-L182F YVYYYYSYLF	7	64
>PTEN-L182F YVYYYYSYLLK	41	>PTEN-L182F YVYYYYSYLFK	17	24
>PTEN-L182F YVYYYYSYLLK	165	>PTEN-L182F YVYYYYSYLFK	58	107
>PTEN-L182F YVYYYYSYLL	81	>PTEN-L182F YVYYYYSYLF	19	62
>PTEN-L182F YVYYYYSYLLK	274	>PTEN-L182F YVYYYYSYLFK	88	186
>PTEN-L182F YVYYYYSYLL	253	>PTEN-L182F YVYYYYSYLF	86	167
>PTEN-L182F YVYYYYSYLLK	6	>PTEN-L182F YVYYYYSYLFK	4	2
>PTEN-L182F YVYYYYSYLLK	1318	>PTEN-L182F YVYYYYSYLFK	316	1002
>PTEN-L182F YVYYYYSYLL	11	>PTEN-L182F YVYYYYSYLF	788	777
>PTEN-L182F YVYYYYSYLL	19	>PTEN-L182F YVYYYYSYLF	2245	2226
>PTEN-L182F YVYYYYSYLL	421	>PTEN-L182F YVYYYYSYLF	40	381
>PTEN-L182F YVYYYYSYLL	2689	>PTEN-L182F YVYYYYSYLF	170	2519
>PTEN-L182F YVYYYYSYLL	255	>PTEN-L182F YVYYYYSYLF	14	241
>PTEN-L182F YVYYYYSYLL	84	>PTEN-L182F YVYYYYSYLF	9	75
>PTEN-L182F YVYYYYSYLL	219	>PTEN-L182F YVYYYYSYLF	24	195
>PTEN-L182F YVYYYYSYLL	75	>PTEN-L182F YVYYYYSYLF	3251	3176
>PTEN-L182F YVYYYYSYLL	4124	>PTEN-L182F YVYYYYSYLF	145	3979
>PTEN-L182F YVYYYYSYLL	63	>PTEN-L182F YVYYYYSYLF	111	48
>PTEN-L182F YVYYYYSYLL	51	>PTEN-L182F YVYYYYSYLF	12	39
>PTEN-L182F YVYYYYSYLL	750	>PTEN-L182F YVYYYYSYLF	50	700
>PTEN-L182F YVYYYYSYLLK	50	>PTEN-L182F YVYYYYSYLFK	36	14
>PTEN-L182F YVYYYYSYLLK	490	>PTEN-L182F YVYYYYSYLFK	462	28
>PTEN-L182F YVYYYYSYLLK	898	>PTEN-L182F YVYYYYSYLFK	492	406
>PTEN-L182F RYVYYYYSYLLK	94	>PTEN-L182F RYVYYYYSYLFK	56	38
>PTEN-L182F RYVYYYYSYLL	6	>PTEN-L182F RYVYYYYSYLF	3	3
>PTEN-L182F RYVYYYYSYLLK	105	>PTEN-L182F RYVYYYYSYLFK	139	34
>PTEN-L182F RYVYYYYSYLL	26	>PTEN-L182F RYVYYYYSYLF	15	11

>PTEN-L182F RYVYYYYSYLLK	271	>PTEN-L182F RYVYYYYSYLfk	347	76
>PTEN-L182F RYVYYYYSYLL	10	>PTEN-L182F RYVYYYYSYLF	7	3
>PTEN-L182F RYVYYYYSYLLK	446	>PTEN-L182F RYVYYYYSYLfk	220	226
>PTEN-L182F RYVYYYYSYLL	222	>PTEN-L182F RYVYYYYSYLF	22	200
>PTEN-L182F RYVYYYYSYLL	348	>PTEN-L182F RYVYYYYSYLF	3707	3359
>PTEN-L182F RYVYYYYSYLLK	6	>PTEN-L182F RYVYYYYSYLfk	4	2
>PTEN-L182F RYVYYYYSYLL	410	>PTEN-L182F RYVYYYYSYLF	102	308
>PTEN-L182F RYVYYYYSYLLK	33	>PTEN-L182F RYVYYYYSYLfk	15	18
>PTEN-L182F RYVYYYYSYLL	747	>PTEN-L182F RYVYYYYSYLF	185	562
>PTEN-L182F RYVYYYYSYLL	1103	>PTEN-L182F RYVYYYYSYLF	42	1061
>PTEN-L182F RYVYYYYSYLL	420	>PTEN-L182F RYVYYYYSYLF	7203	6783
>PTEN-L182F RYVYYYYSYLLK	42	>PTEN-L182F RYVYYYYSYLfk	31	11
>PTEN-L182F RYVYYYYSYLL	195	>PTEN-L182F RYVYYYYSYLF	256	61
>PTEN-L182F RYVYYYYSYLL	32	>PTEN-L182F RYVYYYYSYLF	85	53
>PTEN-L182F RYVYYYYSYLLK	325	>PTEN-L182F RYVYYYYSYLfk	110	215
>PTEN-L193F LLFHKMMFE'	234	>PTEN-L193F PLFHKMMFE'	6954	6720
>PTEN-L193F LLFHKMMFE'	35	>PTEN-L193F PLFHKMMFE'	2325	2290
>PTEN-L193F LLFHKMMFE'	239	>PTEN-L193F PLFHKMMFE'	5651	5412
>PTEN-L193F LLFHKMMFE'	45	>PTEN-L193F PLFHKMMFE'	587	542
>PTEN-L193F LLFHKMMFE'	252	>PTEN-L193F PLFHKMMFE'	4068	3816
>PTEN-L193F LLFHKMMFE'	14	>PTEN-L193F PLFHKMMFE'	450	436
>PTEN-L193F LLFHKMMFE'	82	>PTEN-L193F PLFHKMMFE'	2465	2383
>PTEN-L193F LLFHKMMFE'	57	>PTEN-L193F PLFHKMMFE'	1596	1539
>PTEN-L193F LLFHKMMFE'	5	>PTEN-L193F PLFHKMMFE'	69	64
>PTEN-L193F LLFHKMMFE'	15	>PTEN-L193F PLFHKMMFE'	720	705
>PTEN-L193F LLFHKMMFE'	206	>PTEN-L193F PLFHKMMFE'	2662	2456
>PTEN-L193F LLFHKMMFE'	29	>PTEN-L193F PLFHKMMFE'	461	432
>PTEN-L193F LLFHKMMFE'	20	>PTEN-L193F PLFHKMMFE'	993	973
>PTEN-L193F LLFHKMMFE'	8	>PTEN-L193F PLFHKMMFE'	168	160
>PTEN-L193F LLFHKMMFE'	71	>PTEN-L193F PLFHKMMFE'	132	61
>PTEN-L193F LLFHKMMFE'	384	>PTEN-L193F PLFHKMMFE'	3192	2808
>PTEN-L193F LLFHKMMF	57	>PTEN-L193F PLFHKMMF	3422	3365
>PTEN-L193F LLFHKMMFE'	493	>PTEN-L193F PLFHKMMFE'	11427	10934
>PTEN-L193F LLFHKMMF	412	>PTEN-L193F PLFHKMMF	2830	2418
>PTEN-L193F LLFHKMMF	8	>PTEN-L193F PLFHKMMF	80	72
>PTEN-L193F LLFHKMMFE'	162	>PTEN-L193F PLFHKMMFE'	3195	3033
>PTEN-L193F LLFHKMMF	200	>PTEN-L193F PLFHKMMF	9852	9652
>PTEN-L193F ALLFHKMMF	206	>PTEN-L193F APLFHKMMF	23124	22918
>PTEN-L193F ALLFHKMM	88	>PTEN-L193F APLFHKMM	25781	25693
>PTEN-L193F ALLFHKMMF	106	>PTEN-L193F APLFHKMMF	25739	25633
>PTEN-L193F ALLFHKMMF	392	>PTEN-L193F APLFHKMMF	25356	24964
>PTEN-L193F ALLFHKMM	431	>PTEN-L193F APLFHKMM	37046	36615
>PTEN-L193F ALLFHKMMF	54	>PTEN-L193F APLFHKMMF	35418	35364

>PTEN-L193F ALLFHKMMF	379	>PTEN-L193F APLFHKMMF	19666	19287
>PTEN-L193F ALLFHKMM	19530	>PTEN-L193F APLFHKMM	77	19453
>PTEN-L193F ALLFHKMMF	22568	>PTEN-L193F APLFHKMMF	113	22455
>PTEN-L193F ALLFHKMMF	37	>PTEN-L193F APLFHKMMF	398	361
>PTEN-L193F ALLFHKMMF	17518	>PTEN-L193F APLFHKMMF	137	17381
>PTEN-L193F VALLFHKM	32	>PTEN-L193F VAPLFHKM	77	45
>PTEN-L193F VALLFHKMM	40	>PTEN-L193F VAPLFHKMM	35	5
>PTEN-L193F VALLFHKMM	63	>PTEN-L193F VAPLFHKMM	806	743
>PTEN-L193F VALLFHKM	114	>PTEN-L193F VAPLFHKM	4534	4420
>PTEN-L193F VALLFHKMM	56	>PTEN-L193F VAPLFHKMM	3284	3228
>PTEN-L193F VALLFHKMM	30	>PTEN-L193F VAPLFHKMM	1678	1648
>PTEN-L193F VALLFHKM	3815	>PTEN-L193F VAPLFHKM	9	3806
>PTEN-L193F VALLFHKMM	1922	>PTEN-L193F VAPLFHKMM	4	1918
>PTEN-L193F VALLFHKMM	4020	>PTEN-L193F VAPLFHKMM	12	4008
>PTEN-L193F VALLFHKMM	16400	>PTEN-L193F VAPLFHKMM	300	16100
>PTEN-L193F VALLFHKMM	108	>PTEN-L193F VAPLFHKMM	2333	2225
>PTEN-L193F VALLFHKMM	371	>PTEN-L193F VAPLFHKMM	345	26
>PTEN-L193F PVALLFHK	282	>PTEN-L193F PVAPLFHK	152	130
>PTEN-L193F RPVALLFHKM	17	>PTEN-L193F RPVAPLFHKM	19	2
>PTEN-L193F RPVALLFHKM	289	>PTEN-L193F RPVAPLFHKM	463	174
>PTEN-L193F RPVALLFHKM	88	>PTEN-L193F RPVAPLFHKM	73	15
>PTEN-L193F RPVALLFHKM	42	>PTEN-L193F RPVAPLFHKM	24	18
>PTEN-L193F RPVALLFHKM	252	>PTEN-L193F RPVAPLFHKM	416	164
>PTEN-L193F RPVALLFHKM	358	>PTEN-L193F RPVAPLFHKM	367	9
>PTEN-L193F RPVALLFHKM	295	>PTEN-L193F RPVAPLFHKM	392	97
>PTEN-L193F YRPVALLF	169	>PTEN-L193F YRPVAPLF	152	17
>PTEN-L193F YRPVALLF	219	>PTEN-L193F YRPVAPLF	432	213
>PTEN-L193F YRPVALLFHKM	60	>PTEN-L193F YRPVAPLFHKM	79	19
>PTEN-L193F YRPVALLF	251	>PTEN-L193F YRPVAPLF	707	456
>PTEN-L193F YRPVALLFHKM	120	>PTEN-L193F YRPVAPLFHKM	290	170
>PTEN-L193F YRPVALLFHKM	338	>PTEN-L193F YRPVAPLFHKM	353	15
>PTEN-L193F DYRPVALLF	159	>PTEN-L193F DYRPVAPLF	195	36
>PTEN-L193F DYRPVALLF	87	>PTEN-L193F DYRPVAPLF	129	42
>PTEN-L193F DYRPVALLF	52	>PTEN-L193F DYRPVAPLF	83	31
>PTEN-L193F DYRPVALLF	325	>PTEN-L193F DYRPVAPLF	1561	1236
>PTEN-L193F DYRPVALLFH	67	>PTEN-L193F DYRPVAPLFH	63	4
>PTEN-L193F DYRPVALLFH	247	>PTEN-L193F DYRPVAPLFH	1014	767
>PTEN-L193F DYRPVALLFH	22	>PTEN-L193F DYRPVAPLFH	30	8
>PTEN-L193F LDYRPVALLF	237	>PTEN-L193F LDYRPVAPLF	192	45
>PTEN-L193F HLDYRPVAL	252	>PTEN-L193F HLDYRPVAP	23176	22924
>PTEN-L193F HLDYRPVALL	671	>PTEN-L193F HLDYRPVAPL	387	284
>PTEN-L193F HLDYRPVAL	165	>PTEN-L193F HLDYRPVAP	16338	16173
>PTEN-L193F HLDYRPVALL	97	>PTEN-L193F HLDYRPVAPL	77	20

>PTEN-L193F HLDYRPVALL	488	>PTEN-L193F HLDYRPVAPL	320	168
>PTEN-L193F HLDYRPVAL	121	>PTEN-L193F HLDYRPVAP	16378	16257
>PTEN-L193F HLDYRPVALL	82	>PTEN-L193F HLDYRPVAPL	41	41
>PTEN-L193F HLDYRPVAL	34	>PTEN-L193F HLDYRPVAP	12535	12501
>PTEN-L193F HLDYRPVALL	42	>PTEN-L193F HLDYRPVAPL	15	27
>PTEN-L193F HLDYRPVALL	262	>PTEN-L193F HLDYRPVAPL	168	94
>PTEN-L193F HLDYRPVAL	187	>PTEN-L193F HLDYRPVAP	26618	26431
>PTEN-L193F HLDYRPVALL	60	>PTEN-L193F HLDYRPVAPL	65	5
>PTEN-L193F HLDYRPVAL	101	>PTEN-L193F HLDYRPVAP	6741	6640
>PTEN-L193F HLDYRPVALL	2289	>PTEN-L193F HLDYRPVAPL	492	1797
>PTEN-L193F HLDYRPVALL	365	>PTEN-L193F HLDYRPVAPL	761	396
>PTEN-L193F HLDYRPVAL	71	>PTEN-L193F HLDYRPVAP	17298	17227
>PTEN-L193F HLDYRPVALL	662	>PTEN-L193F HLDYRPVAPL	149	513
>PTEN-L193F N HLDYRPVAL	321	>PTEN-L193F N HLDYRPVAL	4741	4420
>PTEN-L193F N HLDYRPVAL	7	>PTEN-L193F N HLDYRPVAL	2910	2903
>PTEN-L193F N HLDYRPVAL	17	>PTEN-L193F N HLDYRPVAL	9	8
>PTEN-L23F- LDLTYYIPNI	87	>PTEN-L23F- FDLTYYIPNI	49	38
>PTEN-L23F- LDLTYYIPNII	90	>PTEN-L23F- FDLTYYIPNII	57	33
>PTEN-L23F- LDLTYYIPNI	482	>PTEN-L23F- FDLTYYIPNI	75	407
>PTEN-L23F- LDLTYYIPNII	52	>PTEN-L23F- FDLTYYIPNII	27	25
>PTEN-L23F- LDLTYYIPNI	72	>PTEN-L23F- FDLTYYIPNI	57	15
>PTEN-L23F- LDLTYYIPNII	27	>PTEN-L23F- FDLTYYIPNII	23	4
>PTEN-L23F- DLDLTYIY	101	>PTEN-L23F- DFDLTYIY	6878	6777
>PTEN-L23F- DLDLTYIYPNI	294	>PTEN-L23F- DFDLTYIYPNI	17535	17241
>PTEN-L23F- DLDLTYIYPNI	480	>PTEN-L23F- DFDLTYIYPNI	19491	19011
>PTEN-L23F- DLDLTYIY	727	>PTEN-L23F- DFDLTYIY	260	467
>PTEN-L23F- DLDLTYIYPNI	168	>PTEN-L23F- DFDLTYIYPNI	5498	5330
>PTEN-L23F- DLDLTYIY	217	>PTEN-L23F- DFDLTYIY	166	51
>PTEN-L23F- KRRYQEDGFI	327	>PTEN-L23F- KRRYQEDGFI	21	306
>PTEN-L23F- KRRYQEDGFI	45	>PTEN-L23F- KRRYQEDGFI	137	92
>PTEN-L23F- FDLDLTYI	679	>PTEN-L23F- FDFDLTYI	85	594
>PTEN-L23F- FDLDLTYI	142	>PTEN-L23F- FDFDLTYI	92	50
>PTEN-L23F- FDLDLTYIY	21	>PTEN-L23F- FDFDLTYIY	16	5
>PTEN-L23F- FDLDLTYI	5688	>PTEN-L23F- FDFDLTYI	312	5376
>PTEN-L23F- FDLDLTYIY	1471	>PTEN-L23F- FDFDLTYIY	315	1156
>PTEN-L23F- FDLDLTYIY	147	>PTEN-L23F- FDFDLTYIY	65	82
>PTEN-L23F- FDLDLTYIY	123	>PTEN-L23F- FDFDLTYIY	75	48
>PTEN-L23F- FDLDLTYI	510	>PTEN-L23F- FDFDLTYI	116	394
>PTEN-L23F- FDLDLTYIYPN	2643	>PTEN-L23F- FDFDLTYIYPN	483	2160
>PTEN-L23F- FDLDLTYIY	1110	>PTEN-L23F- FDFDLTYIY	318	792
>PTEN-L23F- FDLDLTYI	22	>PTEN-L23F- FDFDLTYI	50	28
>PTEN-L23F- FDLDLTYI	1606	>PTEN-L23F- FDFDLTYI	242	1364
>PTEN-L23F- FDLDLTYI	53	>PTEN-L23F- FDFDLTYI	79	26

>PTEN-L23F- <sup>-</sup> GFDLTLTY	62	>PTEN-L23F- <sub>-</sub> GFDLTLTY	35	27
>PTEN-L23F- <sup>-</sup> GFDLTLTYIY	64	>PTEN-L23F- <sub>-</sub> GFDLTLTYIY	45	19
>PTEN-L23F- <sup>-</sup> GFDLTLTYIY	369	>PTEN-L23F- <sub>-</sub> GFDLTLTYIY	267	102
>PTEN-L23F- <sup>-</sup> GFDLTLTY	126	>PTEN-L23F- <sub>-</sub> GFDLTLTY	55	71
>PTEN-L23F- <sup>-</sup> DGFDLTLTY	122	>PTEN-L23F- <sub>-</sub> DGFDLTLTY	99	23
>PTEN-L23F- <sup>-</sup> DGFDLTLTYI\	160	>PTEN-L23F- <sub>-</sub> DGFDLTLTYI\	140	20
>PTEN-L23F- <sup>-</sup> DGFDLTLTYI\	458	>PTEN-L23F- <sub>-</sub> DGFDLTLTYI\	340	118
>PTEN-L23F- <sup>-</sup> DGFDLTLTY	300	>PTEN-L23F- <sub>-</sub> DGFDLTLTY	184	116
>PTEN-L23F- <sup>-</sup> DGFDLTLTYI\	299	>PTEN-L23F- <sub>-</sub> DGFDLTLTYI\	216	83
>PTEN-L23F- <sup>-</sup> DGFDLTLTY	37	>PTEN-L23F- <sub>-</sub> DGFDLTLTY	39	2
>PTEN-L23F- <sup>-</sup> DGFDLTLTYI\	76	>PTEN-L23F- <sub>-</sub> DGFDLTLTYI\	79	3
>PTEN-L23F- <sup>-</sup> QEDGFDLTL	44	>PTEN-L23F- <sub>-</sub> QEDGFDLTL	32	12
>PTEN-L23F- <sup>-</sup> QEDGFDLTL	15	>PTEN-L23F- <sub>-</sub> QEDGFDLTL	11	4
>PTEN-L23F- <sup>-</sup> QEDGFDLTL	114	>PTEN-L23F- <sub>-</sub> QEDGFDLTL	107	7
>PTEN-L23F- <sup>-</sup> QEDGFDLTL	825	>PTEN-L23F- <sub>-</sub> QEDGFDLTL	386	439
>PTEN-L23F- <sup>-</sup> YQEDGFDLTL	750	>PTEN-L23F- <sub>-</sub> YQEDGFDLTL	360	390
>PTEN-L23F- <sup>-</sup> YQEDGFDLTL	209	>PTEN-L23F- <sub>-</sub> YQEDGFDLTL	132	77
>PTEN-L23F- <sup>-</sup> YQEDGFDL	26	>PTEN-L23F- <sub>-</sub> YQEDGFDL	74	48
>PTEN-L23F- <sup>-</sup> YQEDGFDL	731	>PTEN-L23F- <sub>-</sub> YQEDGFDL	182	549
>PTEN-L23F- <sup>-</sup> YQEDGFDLTL	297	>PTEN-L23F- <sub>-</sub> YQEDGFDLTL	206	91
>PTEN-L23F- <sup>-</sup> YQEDGFDLTL	27	>PTEN-L23F- <sub>-</sub> YQEDGFDLTL	18	9
>PTEN-L23F- <sup>-</sup> YQEDGFDLTL	2222	>PTEN-L23F- <sub>-</sub> YQEDGFDLTL	466	1756
>PTEN-L23F- <sup>-</sup> YQEDGFDL	3907	>PTEN-L23F- <sub>-</sub> YQEDGFDL	180	3727
>PTEN-L23F- <sup>-</sup> YQEDGFDL	2328	>PTEN-L23F- <sub>-</sub> YQEDGFDL	162	2166
>PTEN-L23F- <sup>-</sup> YQEDGFDL	1477	>PTEN-L23F- <sub>-</sub> YQEDGFDL	85	1392
>PTEN-L23F- <sup>-</sup> YQEDGFDL	68	>PTEN-L23F- <sub>-</sub> YQEDGFDL	2951	2883
>PTEN-L23F- <sup>-</sup> YQEDGFDLTL	137	>PTEN-L23F- <sub>-</sub> YQEDGFDLTL	108	29
>PTEN-L23F- <sup>-</sup> YQEDGFDL	269	>PTEN-L23F- <sub>-</sub> YQEDGFDL	2245	1976
>PTEN-L23F- <sup>-</sup> RYQEDGFDL	467	>PTEN-L23F- <sub>-</sub> RYQEDGFDL	42	425
>PTEN-L23F- <sup>-</sup> RYQEDGFDL	586	>PTEN-L23F- <sub>-</sub> RYQEDGFDL	257	329
>PTEN-L23F- <sup>-</sup> RYQEDGFDL	320	>PTEN-L23F- <sub>-</sub> RYQEDGFDL	86	234
>PTEN-L23F- <sup>-</sup> RYQEDGFDL	569	>PTEN-L23F- <sub>-</sub> RYQEDGFDL	298	271
>PTEN-L23F- <sup>-</sup> RYQEDGFDL	6	>PTEN-L23F- <sub>-</sub> RYQEDGFDL	4	2
>PTEN-L23F- <sup>-</sup> RYQEDGFDL	607	>PTEN-L23F- <sub>-</sub> RYQEDGFDL	404	203
>PTEN-L23F- <sup>-</sup> RYQEDGFDL	7	>PTEN-L23F- <sub>-</sub> RYQEDGFDL	6	1
>PTEN-L23F- <sup>-</sup> RRYQEDGFDI	223	>PTEN-L23F- <sub>-</sub> RRYQEDGFDI	20	203
>PTEN-L23F- <sup>-</sup> RRYQEDGFDI	11	>PTEN-L23F- <sub>-</sub> RRYQEDGFDI	17	6
>PTEN-L23F- <sup>-</sup> RRYQEDGFDI	18	>PTEN-L23F- <sub>-</sub> RRYQEDGFDI	62	44
>PTEN-L23F- <sup>-</sup> RRYQEDGFDI	300	>PTEN-L23F- <sub>-</sub> RRYQEDGFDI	390	90
>PTEN-L23F- <sup>-</sup> RRYQEDGFDI	21	>PTEN-L23F- <sub>-</sub> RRYQEDGFDI	65	44
>PTEN-L25F- <sup>-</sup> LTYIYPNI	4	>PTEN-L25F- <sub>-</sub> FTYIYPNI	5	1
>PTEN-L25F- <sup>-</sup> LTYIYPNII	234	>PTEN-L25F- <sub>-</sub> FTYIYPNII	264	30
>PTEN-L25F- <sup>-</sup> LTYIYPNIIAM	69	>PTEN-L25F- <sub>-</sub> FTYIYPNIIAM	69	0

>PTEN-L25F- <sup>+</sup> LTYIYPNII	435	>PTEN-L25F- <sup>-</sup> FTYIYPNII	215	220
>PTEN-L25F- <sup>+</sup> LTYIYPNI	1067	>PTEN-L25F- <sup>-</sup> FTYIYPNI	54	1013
>PTEN-L25F- <sup>+</sup> LTYIYPNII	4719	>PTEN-L25F- <sup>-</sup> FTYIYPNII	248	4471
>PTEN-L25F- <sup>+</sup> LTYIYPNIIA	2179	>PTEN-L25F- <sup>-</sup> FTYIYPNIIA	357	1822
>PTEN-L25F- <sup>+</sup> LTYIYPNIIAM	3070	>PTEN-L25F- <sup>-</sup> FTYIYPNIIAM	281	2789
>PTEN-L25F- <sup>+</sup> LTYIYPNI	736	>PTEN-L25F- <sup>-</sup> FTYIYPNI	61	675
>PTEN-L25F- <sup>+</sup> LTYIYPNII	1344	>PTEN-L25F- <sup>-</sup> FTYIYPNII	137	1207
>PTEN-L25F- <sup>+</sup> LTYIYPNIIA	669	>PTEN-L25F- <sup>-</sup> FTYIYPNIIA	186	483
>PTEN-L25F- <sup>+</sup> LTYIYPNIIAM	1976	>PTEN-L25F- <sup>-</sup> FTYIYPNIIAM	287	1689
>PTEN-L25F- <sup>+</sup> LTYIYPNI	309	>PTEN-L25F- <sup>-</sup> FTYIYPNI	31	278
>PTEN-L25F- <sup>+</sup> LTYIYPNII	431	>PTEN-L25F- <sup>-</sup> FTYIYPNII	38	393
>PTEN-L25F- <sup>+</sup> LTYIYPNIIA	819	>PTEN-L25F- <sup>-</sup> FTYIYPNIIA	204	615
>PTEN-L25F- <sup>+</sup> LTYIYPNIIAM	2719	>PTEN-L25F- <sup>-</sup> FTYIYPNIIAM	394	2325
>PTEN-L25F- <sup>+</sup> LTYIYPNI	677	>PTEN-L25F- <sup>-</sup> FTYIYPNI	58	619
>PTEN-L25F- <sup>+</sup> LTYIYPNII	3447	>PTEN-L25F- <sup>-</sup> FTYIYPNII	350	3097
>PTEN-L25F- <sup>+</sup> LTYIYPNIIA	368	>PTEN-L25F- <sup>-</sup> FTYIYPNIIA	87	281
>PTEN-L25F- <sup>+</sup> LTYIYPNIIAM	1066	>PTEN-L25F- <sup>-</sup> FTYIYPNIIAM	154	912
>PTEN-L25F- <sup>+</sup> LTYIYPNI	86	>PTEN-L25F- <sup>-</sup> FTYIYPNI	12	74
>PTEN-L25F- <sup>+</sup> LTYIYPNII	535	>PTEN-L25F- <sup>-</sup> FTYIYPNII	54	481
>PTEN-L25F- <sup>+</sup> LTYIYPNIIA	2097	>PTEN-L25F- <sup>-</sup> FTYIYPNIIA	269	1828
>PTEN-L25F- <sup>+</sup> LTYIYPNIIAM	239	>PTEN-L25F- <sup>-</sup> FTYIYPNIIAM	36	203
>PTEN-L25F- <sup>+</sup> LTYIYPNI	1453	>PTEN-L25F- <sup>-</sup> FTYIYPNI	127	1326
>PTEN-L25F- <sup>+</sup> LTYIYPNIIAM	4141	>PTEN-L25F- <sup>-</sup> FTYIYPNIIAM	215	3926
>PTEN-L25F- <sup>+</sup> LTYIYPNIIAM	320	>PTEN-L25F- <sup>-</sup> FTYIYPNIIAM	106	214
>PTEN-L25F- <sup>+</sup> LTYIYPNIIAM	613	>PTEN-L25F- <sup>-</sup> FTYIYPNIIAM	293	320
>PTEN-L25F- <sup>+</sup> LTYIYPNI	821	>PTEN-L25F- <sup>-</sup> FTYIYPNI	94	727
>PTEN-L25F- <sup>+</sup> LTYIYPNII	1430	>PTEN-L25F- <sup>-</sup> FTYIYPNII	176	1254
>PTEN-L25F- <sup>+</sup> LTYIYPNIIA	118	>PTEN-L25F- <sup>-</sup> FTYIYPNIIA	51	67
>PTEN-L25F- <sup>+</sup> LTYIYPNIIAM	2898	>PTEN-L25F- <sup>-</sup> FTYIYPNIIAM	490	2408
>PTEN-L25F- <sup>+</sup> LTYIYPNI	65	>PTEN-L25F- <sup>-</sup> FTYIYPNI	10	55
>PTEN-L25F- <sup>+</sup> LTYIYPNII	1149	>PTEN-L25F- <sup>-</sup> FTYIYPNII	127	1022
>PTEN-L25F- <sup>+</sup> LTYIYPNIIA	2413	>PTEN-L25F- <sup>-</sup> FTYIYPNIIA	295	2118
>PTEN-L25F- <sup>+</sup> LTYIYPNIIAM	326	>PTEN-L25F- <sup>-</sup> FTYIYPNIIAM	37	289
>PTEN-L25F- <sup>+</sup> LTYIYPNIIAM	368	>PTEN-L25F- <sup>-</sup> FTYIYPNIIAM	465	97
>PTEN-L25F- <sup>+</sup> LTYIYPNI	639	>PTEN-L25F- <sup>-</sup> FTYIYPNI	408	231
>PTEN-L25F- <sup>+</sup> LTYIYPNII	529	>PTEN-L25F- <sup>-</sup> FTYIYPNII	335	194
>PTEN-L25F- <sup>+</sup> LTYIYPNIIAM	98	>PTEN-L25F- <sup>-</sup> FTYIYPNIIAM	53	45
>PTEN-L25F- <sup>+</sup> LTYIYPNI	13	>PTEN-L25F- <sup>-</sup> FTYIYPNI	18	5
>PTEN-L25F- <sup>+</sup> LTYIYPNII	33	>PTEN-L25F- <sup>-</sup> FTYIYPNII	56	23
>PTEN-L25F- <sup>+</sup> LTYIYPNIIAM	5	>PTEN-L25F- <sup>-</sup> FTYIYPNIIAM	7	2
>PTEN-L25F- <sup>+</sup> LTYIYPNIIAM	134	>PTEN-L25F- <sup>-</sup> FTYIYPNIIAM	65	69
>PTEN-L25F- <sup>+</sup> LTYIYPNI	469	>PTEN-L25F- <sup>-</sup> FTYIYPNI	922	453
>PTEN-L25F- <sup>+</sup> LTYIYPNII	167	>PTEN-L25F- <sup>-</sup> FTYIYPNII	132	35

>PTEN-L25F-LTYIYPNIIAM	111	>PTEN-L25F-FTYIYPNIIAM	100	11
>PTEN-L25F-LTYIYPNII	126	>PTEN-L25F-FTYIYPNII	160	34
>PTEN-L25F-LTYIYPNIIA	136	>PTEN-L25F-FTYIYPNIIA	191	55
>PTEN-L25F-LTYIYPNIIAM	74	>PTEN-L25F-FTYIYPNIIAM	87	13
>PTEN-L25F-LTYIYPNI	9	>PTEN-L25F-FTYIYPNI	10	1
>PTEN-L25F-LTYIYPNII	12	>PTEN-L25F-FTYIYPNII	14	2
>PTEN-L25F-LTYIYPNIIAM	147	>PTEN-L25F-FTYIYPNIIAM	200	53
>PTEN-L25F-DLTYIYPNI	384	>PTEN-L25F-DFTYIYPNI	9523	9139
>PTEN-L25F-RYQEDGFDLI	586	>PTEN-L25F-RYQEDGFDLI	50	536
>PTEN-L25F-RYQEDGFDLI	569	>PTEN-L25F-RYQEDGFDLI	130	439
>PTEN-L25F-RYQEDGFDLI	7	>PTEN-L25F-RYQEDGFDLI	4	3
>PTEN-L25F-LDLTYIYPNI	87	>PTEN-L25F-LDFTYIYPNI	62	25
>PTEN-L25F-LDLTYIYPNII	90	>PTEN-L25F-LDFTYIYPNII	62	28
>PTEN-L25F-LDLTYIYPNI	482	>PTEN-L25F-LDFTYIYPNI	418	64
>PTEN-L25F-LDLTYIYPNII	52	>PTEN-L25F-LDFTYIYPNII	24	28
>PTEN-L25F-LDLTYIYPNI	72	>PTEN-L25F-LDFTYIYPNI	110	38
>PTEN-L25F-LDLTYIYPNII	27	>PTEN-L25F-LDFTYIYPNII	38	11
>PTEN-L25F-DLDLTYIY	101	>PTEN-L25F-DLDFTYIY	104	3
>PTEN-L25F-DLDLTYIYPNI	932	>PTEN-L25F-DLDFTYIYPNI	393	539
>PTEN-L25F-DLDLTYIYPNI	294	>PTEN-L25F-DLDFTYIYPNI	237	57
>PTEN-L25F-DLDLTYIYPNI	480	>PTEN-L25F-DLDFTYIYPNI	279	201
>PTEN-L25F-DLDLTYIY	727	>PTEN-L25F-DLDFTYIY	369	358
>PTEN-L25F-DLDLTYIYPNI	168	>PTEN-L25F-DLDFTYIYPNI	78	90
>PTEN-L25F-DLDLTYIY	217	>PTEN-L25F-DLDFTYIY	87	130
>PTEN-L25F-FDLDLTYI	679	>PTEN-L25F-FDLDFTYI	476	203
>PTEN-L25F-FDLDLTYI	142	>PTEN-L25F-FDLDFTYI	71	71
>PTEN-L25F-FDLDLTYIY	21	>PTEN-L25F-FDLDFTYIY	17	4
>PTEN-L25F-FDLDLTYIY	1471	>PTEN-L25F-FDLDFTYIY	383	1088
>PTEN-L25F-FDLDLTYIY	147	>PTEN-L25F-FDLDFTYIY	94	53
>PTEN-L25F-FDLDLTYIY	123	>PTEN-L25F-FDLDFTYIY	102	21
>PTEN-L25F-FDLDLTYI	510	>PTEN-L25F-FDLDFTYI	463	47
>PTEN-L25F-FDLDLTYI	22	>PTEN-L25F-FDLDFTYI	43	21
>PTEN-L25F-FDLDLTYI	53	>PTEN-L25F-FDLDFTYI	41	12
>PTEN-L25F-GFDLDTYIY	565	>PTEN-L25F-GFDLDFTYIY	365	200
>PTEN-L25F-GFDLDTY	62	>PTEN-L25F-GFDLDFTY	57	5
>PTEN-L25F-GFDLDTYIY	64	>PTEN-L25F-GFDLDFTYIY	22	42
>PTEN-L25F-GFDLDTYIY	369	>PTEN-L25F-GFDLDFTYIY	252	117
>PTEN-L25F-GFDLDTY	126	>PTEN-L25F-GFDLDFTY	127	1
>PTEN-L25F-DGFDLDTY	122	>PTEN-L25F-DGFDLDFTY	156	34
>PTEN-L25F-DGFDLDTYI\	160	>PTEN-L25F-DGFDLDFTYI\	163	3
>PTEN-L25F-DGFDLDTY	1916	>PTEN-L25F-DGFDLDFTY	416	1500
>PTEN-L25F-DGFDLDTYI\	458	>PTEN-L25F-DGFDLDFTYI\	237	221
>PTEN-L25F-DGFDLDTY	300	>PTEN-L25F-DGFDLDFTY	209	91

>PTEN-L25F- DGFDLDLTYI\	299	>PTEN-L25F- DGFDLDFTYI\	228	71
>PTEN-L25F- DGFDLDLTY	37	>PTEN-L25F- DGFDLDFTY	26	11
>PTEN-L25F- DGFDLDLTYI\	76	>PTEN-L25F- DGFDLDFTYI\	67	9
>PTEN-L25F- QEDGFDLDL	2356	>PTEN-L25F- QEDGFDLDF	213	2143
>PTEN-L25F- QEDGFDLDT	44	>PTEN-L25F- QEDGFDLDFI	32	12
>PTEN-L25F- QEDGFDLDL	15	>PTEN-L25F- QEDGFDLDF	152	137
>PTEN-L25F- QEDGFDLDL	588	>PTEN-L25F- QEDGFDLDF	94	494
>PTEN-L25F- QEDGFDLDT	114	>PTEN-L25F- QEDGFDLDFI	101	13
>PTEN-L25F- QEDGFDLDT	990	>PTEN-L25F- QEDGFDLDFI	444	546
>PTEN-L25F- YQEDGFDLDI	209	>PTEN-L25F- YQEDGFDLDF	12882	12673
>PTEN-L25F- YQEDGFDLDI	297	>PTEN-L25F- YQEDGFDLDF	13907	13610
>PTEN-L25F- YQEDGFDLDI	27	>PTEN-L25F- YQEDGFDLDF	13	14
>PTEN-L25F- YQEDGFDLDI	3587	>PTEN-L25F- YQEDGFDLDF	169	3418
>PTEN-L25F- YQEDGFDLDI	1815	>PTEN-L25F- YQEDGFDLDF	145	1670
>PTEN-L25F- YQEDGFDLDI	1692	>PTEN-L25F- YQEDGFDLDF	111	1581
>PTEN-L25F- YQEDGFDLDI	137	>PTEN-L25F- YQEDGFDLDF	4140	4003
>PTEN-L318F LTLTKNDLKD	3309	>PTEN-L318F FTLTKNDLKD	246	3063
>PTEN-L318F LTLTKNDLKD	313	>PTEN-L318F FTLTKNDLKD	412	99
>PTEN-L318F LTLTKNDLKD	62	>PTEN-L318F FTLTKNDLKD	72	10
>PTEN-L318F LTLTKNDLKD	1239	>PTEN-L318F FTLTKNDLKD	264	975
>PTEN-L318F LTLTKNDL	261	>PTEN-L318F FTLTKNDL	381	120
>PTEN-L318F VLTLTKNDL	69	>PTEN-L318F VFTLTKNDL	25944	25875
>PTEN-L318F RADNDKEYL\	1265	>PTEN-L318F RADNDKEYL\	200	1065
>PTEN-L318F RADNDKEYL\	1580	>PTEN-L318F RADNDKEYL\	70	1510
>PTEN-L318F YLVLTLTKNDI	703	>PTEN-L318F YLVFTLTKNDI	403	300
>PTEN-L318F YLVLTLTKNDI	87	>PTEN-L318F YLVFTLTKNDI	44	43
>PTEN-L318F YLVLTLTKNDI	88	>PTEN-L318F YLVFTLTKNDI	41	47
>PTEN-L318F YLVLTLTKNDI	288	>PTEN-L318F YLVFTLTKNDI	219	69
>PTEN-L318F YLVLTLTKNDI	147	>PTEN-L318F YLVFTLTKNDI	65	82
>PTEN-L318F YLVLTLTKNDI	56	>PTEN-L318F YLVFTLTKNDI	35	21
>PTEN-L318F YLVLTLTKNDI	91	>PTEN-L318F YLVFTLTKNDI	77	14
>PTEN-L318F YLVLTLTKNDI	525	>PTEN-L318F YLVFTLTKNDI	295	230
>PTEN-L318F YLVLTLTK	297	>PTEN-L318F YLVFTLTK	189	108
>PTEN-L318F YLVLTLTKNDI	8	>PTEN-L318F YLVFTLTKNDI	7	1
>PTEN-L318F YLVLTLTK	398	>PTEN-L318F YLVFTLTK	190	208
>PTEN-L318F YLVLTLTK	432	>PTEN-L318F YLVFTLTK	198	234
>PTEN-L318F YLVLTLTK	270	>PTEN-L318F YLVFTLTK	70	200
>PTEN-L318F EYLVLTLTK	427	>PTEN-L318F EYLVFTLTK	285	142
>PTEN-L318F EYLVLTLTK	742	>PTEN-L318F EYLVFTLTK	247	495
>PTEN-L318F EYLVLTLTK	85	>PTEN-L318F EYLVFTLTK	41	44
>PTEN-L318F KEYLVLTLT	101	>PTEN-L318F KEYLVFTLT	165	64
>PTEN-L318F KEYLVLTLT	943	>PTEN-L318F KEYLVFTL	242	701
>PTEN-L318F KEYLVLTLT	154	>PTEN-L318F KEYLVFTL	104	50



>PTEN-L318F KEYLVLT	191	>PTEN-L318F KEYLVFTL	130	61
>PTEN-L318F KEYLVLT	13	>PTEN-L318F KEYLVFTL	8	5
>PTEN-L318F KEYLVLT	16	>PTEN-L318F KEYLVFTL	15	1
>PTEN-L318F KEYLVLT	69	>PTEN-L318F KEYLVFTL	48	21
>PTEN-L318F KEYLVLT	249	>PTEN-L318F KEYLVFTLTK	241	8
>PTEN-L318F KEYLVLT	420	>PTEN-L318F KEYLVFTL	304	116
>PTEN-L318F KEYLVLT	421	>PTEN-L318F KEYLVFTL	102	319
>PTEN-L318F KEYLVLT	454	>PTEN-L318F KEYLVFTLTK	520	66
>PTEN-L318F KEYLVLT	10	>PTEN-L318F KEYLVFTL	14	4
>PTEN-L318F KEYLVLT	125	>PTEN-L318F KEYLVFTLTK	165	40
>PTEN-L318F KEYLVLT	658	>PTEN-L318F KEYLVFTLTK	194	464
>PTEN-L318F ADNDKEYLV	255	>PTEN-L318F ADNDKEYLV	5206	4951
>PTEN-L325\ YLVLT	703	>PTEN-L325\ YLVLT	238	465
>PTEN-L325\ YLVLT	87	>PTEN-L325\ YLVLT	72	15
>PTEN-L325\ YLVLT	88	>PTEN-L325\ YLVLT	14	74
>PTEN-L325\ YLVLT	288	>PTEN-L325\ YLVLT	54	234
>PTEN-L325\ YLVLT	147	>PTEN-L325\ YLVLT	13	134
>PTEN-L325\ YLVLT	56	>PTEN-L325\ YLVLT	9	47
>PTEN-L325\ YLVLT	91	>PTEN-L325\ YLVLT	12	79
>PTEN-L325\ YLVLT	525	>PTEN-L325\ YLVLT	33	492
>PTEN-L325\ YLVLT	8	>PTEN-L325\ YLVLT	2	6
>PTEN-L325\ LTKND	81	>PTEN-L325\ LTKND	126	45
>PTEN-L325\ LTKND	55	>PTEN-L325\ LTKND	53	2
>PTEN-L325\ LTKND	446	>PTEN-L325\ LTKND	484	38
>PTEN-L325\ LTKND	853	>PTEN-L325\ LTKND	339	514
>PTEN-L325\ LTKND	335	>PTEN-L325\ LTKND	246	89
>PTEN-L325\ LTKND	242	>PTEN-L325\ LTKND	196	46
>PTEN-L325\ LTKND	906	>PTEN-L325\ LTKND	296	610
>PTEN-L325\ LTKND	313	>PTEN-L325\ LTKND	723	410
>PTEN-L325\ LTKND	62	>PTEN-L325\ LTKND	129	67
>PTEN-L325\ LTKND	261	>PTEN-L325\ LTKND	6697	6436
>PTEN-L325\ VLT	4175	>PTEN-L325\ VLT	483	3692
>PTEN-L325\ VLT	1669	>PTEN-L325\ VLT	53	1616
>PTEN-L325\ VLT	69	>PTEN-L325\ VLT	6	63
>PTEN-L325\ VLT	2569	>PTEN-L325\ VLT	495	2074
>PTEN-L325\ VLT	1410	>PTEN-L325\ VLT	265	1145
>PTEN-L325\ VLT	3414	>PTEN-L325\ VLT	114	3300
>PTEN-L345C KLYFT	37	>PTEN-L345C KLYFT	411	374
>PTEN-L345C KLYFT	73	>PTEN-L345C KLYFT	817	744
>PTEN-L345C KLYFT	7	>PTEN-L345C KLYFT	31	24
>PTEN-L345C KLYFT	212	>PTEN-L345C KLYFT	16	196
>PTEN-L345C KLYFT	2	>PTEN-L345C KLYFT	30	28
>PTEN-L345C KLYFT	6	>PTEN-L345C KLYFT	109	103

>PTEN-L345C KLYFTKTV	7	>PTEN-L345C KQYFTKTV	107	100
>PTEN-L345C KLYFTKTV	15	>PTEN-L345C KQYFTKTV	5940	5925
>PTEN-L345C KLYFTKTV	3	>PTEN-L345C KQYFTKTV	1824	1821
>PTEN-L345C KLYFTKTV	41	>PTEN-L345C KQYFTKTV	124	83
>PTEN-L345C KLYFTKTV	283	>PTEN-L345C KQYFTKTV	12	271
>PTEN-L345C KLYFTKTVEEF	4246	>PTEN-L345C KQYFTKTVEE	265	3981
>PTEN-L345C RYFSPNFKVK	196	>PTEN-L345C RYFSPNFKVK	8264	8068
>PTEN-L345C RYFSPNFKVK	412	>PTEN-L345C RYFSPNFKVK	7299	6887
>PTEN-L345C RYFSPNFKVK	5	>PTEN-L345C RYFSPNFKVK	484	479
>PTEN-L345C RYFSPNFKVK	448	>PTEN-L345C RYFSPNFKVK	1583	1135
>PTEN-L345C RYFSPNFKVK	342	>PTEN-L345C RYFSPNFKVK	508	166
>PTEN-L345C RYFSPNFKVK	48	>PTEN-L345C RYFSPNFKVK	1818	1770
>PTEN-L345C RYFSPNFKVK	761	>PTEN-L345C RYFSPNFKVK	87	674
>PTEN-L345C RYFSPNFKVK	319	>PTEN-L345C RYFSPNFKVK	8821	8502
>PTEN-L345C RYFSPNFKVK	185	>PTEN-L345C RYFSPNFKVK	1154	969
>PTEN-L345C VKLYFTKTV	222	>PTEN-L345C VKQYFTKTV	1401	1179
>PTEN-L345C VKLYFTKTV	15	>PTEN-L345C VKQYFTKTV	43	28
>PTEN-L345C KVKLYFTKTV	150	>PTEN-L345C KVKQYFTKTV	135	15
>PTEN-L345C KVKLYFTKTV	969	>PTEN-L345C KVKQYFTKTV	186	783
>PTEN-L345C KVKLYFTK	81	>PTEN-L345C KVKQYFTK	84	3
>PTEN-L345C KVKLYFTK	30	>PTEN-L345C KVKQYFTK	42	12
>PTEN-L345C KVKLYFTK	4	>PTEN-L345C KVKQYFTK	4	0
>PTEN-L345C KVKLYFTKTV	15	>PTEN-L345C KVKQYFTKTV	26	11
>PTEN-L345C KVKLYFTK	8	>PTEN-L345C KVKQYFTK	11	3
>PTEN-L345C KVKLYFTKTV	626	>PTEN-L345C KVKQYFTKTV	441	185
>PTEN-L345C KVKLYFTK	485	>PTEN-L345C KVKQYFTK	317	168
>PTEN-L345C FKVKLYFTKT	224	>PTEN-L345C FKVKQYFTKT	310	86
>PTEN-L345C FKVKLYFTK	199	>PTEN-L345C FKVKQYFTK	147	52
>PTEN-L345C FKVKLYFTKT	25	>PTEN-L345C FKVKQYFTKT	18	7
>PTEN-L345C NFKVKLYF	240	>PTEN-L345C NFKVKQYF	444	204
>PTEN-L345C NFKVKLYF	96	>PTEN-L345C NFKVKQYF	133	37
>PTEN-L345C NFKVKLYFTK	142	>PTEN-L345C NFKVKQYFTK	102	40
>PTEN-L345C NFKVKLYFTK	284	>PTEN-L345C NFKVKQYFTK	463	179
>PTEN-L345C SPNFKVKLYF	136	>PTEN-L345C SPNFKVKQYF	155	19
>PTEN-L345C SPNFKVKL	224	>PTEN-L345C SPNFKVKQ	18718	18494
>PTEN-L345C SPNFKVKLYF	97	>PTEN-L345C SPNFKVKQYF	98	1
>PTEN-L345C SPNFKVKLY	167	>PTEN-L345C SPNFKVKQY	46	121
>PTEN-L345C SPNFKVKLYF	833	>PTEN-L345C SPNFKVKQYF	432	401
>PTEN-L345C FSPNFKVKL	122	>PTEN-L345C FSPNFKVKQ	10872	10750
>PTEN-L345C FSPNFKVKLY	238	>PTEN-L345C FSPNFKVKQY	272	34
>PTEN-L345C FSPNFKVKLYI	186	>PTEN-L345C FSPNFKVKQY	204	18
>PTEN-L345C FSPNFKVKLY	138	>PTEN-L345C FSPNFKVKQY	294	156
>PTEN-L345C FSPNFKVKLY	548	>PTEN-L345C FSPNFKVKQY	452	96

>PTEN-L345C FSPNFKVKLYI	122	>PTEN-L345C FSPNFKVKQY	99	23
>PTEN-L345C FSPNFKVKLY	493	>PTEN-L345C FSPNFKVKQY	130	363
>PTEN-L345C FSPNFKVKL	7	>PTEN-L345C FSPNFKVKQ	1176	1169
>PTEN-L345C FSPNFKVKLY	84	>PTEN-L345C FSPNFKVKQY	679	595
>PTEN-L345C FSPNFKVKLYI	5	>PTEN-L345C FSPNFKVKQY	6	1
>PTEN-L345C FSPNFKVKLY	191	>PTEN-L345C FSPNFKVKQY	358	167
>PTEN-L345C YFSPNFKVKL	14	>PTEN-L345C YFSPNFKVKQ	1849	1835
>PTEN-L345C YFSPNFKVKL'	993	>PTEN-L345C YFSPNFKVKQ	370	623
>PTEN-L345C YFSPNFKVKL'	13	>PTEN-L345C YFSPNFKVKQ	25	12
>PTEN-L345C YFSPNFKVKL'	449	>PTEN-L345C YFSPNFKVKQ	383	66
>PTEN-L345C YFSPNFKVKL'	207	>PTEN-L345C YFSPNFKVKQ	339	132
>PTEN-L42P- LEGVYRNNI	15	>PTEN-L42P- PEGVYRNNI	159	144
>PTEN-L42P- LEGVYRNNI	457	>PTEN-L42P- PEGVYRNNI	7386	6929
>PTEN-L42P- LEGVYRNNI	40	>PTEN-L42P- PEGVYRNNI	437	397
>PTEN-L42P- RLEGVYRNNI	476	>PTEN-L42P- RPEGVYRNNI	28263	27787
>PTEN-L42P- RLEGVYRNNI	466	>PTEN-L42P- RPEGVYRNNI	28365	27899
>PTEN-L42P- RLEGVYRNNI	258	>PTEN-L42P- RPEGVYRNNI	36103	35845
>PTEN-L42P- RLEGVYRNNI	307	>PTEN-L42P- RPEGVYRNNI	17434	17127
>PTEN-L42P- RLEGVYRNNI	21246	>PTEN-L42P- RPEGVYRNNI	78	21168
>PTEN-L42P- IIAMGFPAER	200	>PTEN-L42P- IIAMGFPAER	18840	18640
>PTEN-L42P- IIAMGFPAER	213	>PTEN-L42P- IIAMGFPAER	8874	8661
>PTEN-L42P- IIAMGFPAER	471	>PTEN-L42P- IIAMGFPAER	23679	23208
>PTEN-L42P- IIAMGFPAER	73	>PTEN-L42P- IIAMGFPAER	27378	27305
>PTEN-L42P- ERLEGVYR	115	>PTEN-L42P- ERPEGVYR	233	118
>PTEN-L42P- AERLEGVY	166	>PTEN-L42P- AERPEGVY	4294	4128
>PTEN-L42P- AERLEGVY	853	>PTEN-L42P- AERPEGVY	298	555
>PTEN-L42P- AERLEGVY	1265	>PTEN-L42P- AERPEGVY	374	891
>PTEN-L42P- FPAERLEGV	65	>PTEN-L42P- FPAERPEGV	862	797
>PTEN-L42P- FPAERLEGVY	125	>PTEN-L42P- FPAERPEGVY	148	23
>PTEN-L42P- FPAERLEGV	277	>PTEN-L42P- FPAERPEGV	390	113
>PTEN-L42P- FPAERLEGV	67	>PTEN-L42P- FPAERPEGV	118	51
>PTEN-L42P- FPAERLEGV	226	>PTEN-L42P- FPAERPEGV	451	225
>PTEN-L42P- FPAERLEGVY	481	>PTEN-L42P- FPAERPEGVY	205	276
>PTEN-L42P- FPAERLEGVY	17	>PTEN-L42P- FPAERPEGVY	20	3
>PTEN-L42P- FPAERLEGV	250	>PTEN-L42P- FPAERPEGV	326	76
>PTEN-L42P- FPAERLEGVY	170	>PTEN-L42P- FPAERPEGVY	196	26
>PTEN-L42P- FPAERLEG	462	>PTEN-L42P- FPAERPEG	292	170
>PTEN-L42P- FPAERLEGV	85	>PTEN-L42P- FPAERPEGV	274	189
>PTEN-L42P- FPAERLEGVY	29	>PTEN-L42P- FPAERPEGVY	134	105
>PTEN-L42P- FPAERLEGVY	82	>PTEN-L42P- FPAERPEGVY	304	222
>PTEN-L42P- FPAERLEGVY	459	>PTEN-L42P- FPAERPEGVY	343	116
>PTEN-L42P- GFPAERLEGV	291	>PTEN-L42P- GFPAERPEGV	641	350
>PTEN-L42P- MGFPAERLE	257	>PTEN-L42P- MGFPAERPE	614	357

>PTEN-L42P- MGFPAERLEC	186	>PTEN-L42P- MGFPAERPEI	699	513
>PTEN-L42P- MGFPAERLEC	355	>PTEN-L42P- MGFPAERPEI	318	37
>PTEN-L42P- MGFPAERL	378	>PTEN-L42P- MGFPAERP	17742	17364
>PTEN-L42P- MGFPAERLEC	46	>PTEN-L42P- MGFPAERPEI	40	6
>PTEN-L42P- MGFPAERL	258	>PTEN-L42P- MGFPAERP	24311	24053
>PTEN-L42P- AMGFPAERL	365	>PTEN-L42P- AMGFPAERP	22067	21702
>PTEN-L42P- AMGFPAERL	15	>PTEN-L42P- AMGFPAERP	9207	9192
>PTEN-L42P- AMGFPAERL	454	>PTEN-L42P- AMGFPAERP	23237	22783
>PTEN-L42P- AMGFPAERL	403	>PTEN-L42P- AMGFPAERP	21823	21420
>PTEN-L42P- AMGFPAERL	195	>PTEN-L42P- AMGFPAERP	24294	24099
>PTEN-L42P- AMGFPAERL	29	>PTEN-L42P- AMGFPAERP	23044	23015
>PTEN-L42P- IAMGFPAERL	65	>PTEN-L42P- IAMGFPAERF	14046	13981
>PTEN-L42P- IAMGFPAERL	445	>PTEN-L42P- IAMGFPAERF	21789	21344
>PTEN-L42P- IAMGFPAERL	19	>PTEN-L42P- IAMGFPAERF	13160	13141
>PTEN-L42P- IAMGFPAERL	332	>PTEN-L42P- IAMGFPAERF	10553	10221
>PTEN-L42P- IAMGFPAERL	476	>PTEN-L42P- IAMGFPAERF	17666	17190
>PTEN-L42R- LEGVYRNNI	15	>PTEN-L42R- REGVYRNNI	55	40
>PTEN-L42R- LEGVYRNNI	457	>PTEN-L42R- REGVYRNNI	119	338
>PTEN-L42R- LEGVYRNNI	40	>PTEN-L42R- REGVYRNNI	10	30
>PTEN-L42R- RLEGVYRNNI	476	>PTEN-L42R- RREGVYRNNI	25111	24635
>PTEN-L42R- RLEGVYRNNI	466	>PTEN-L42R- RREGVYRNNI	28084	27618
>PTEN-L42R- RLEGVYRNNI	258	>PTEN-L42R- RREGVYRNNI	34365	34107
>PTEN-L42R- RLEGVYRNNI	307	>PTEN-L42R- RREGVYRNNI	12647	12340
>PTEN-L42R- RLEGVYRNNI	23941	>PTEN-L42R- RREGVYRNNI	82	23859
>PTEN-L42R- RLEGVYRNN	20693	>PTEN-L42R- RREGVYRNN	265	20428
>PTEN-L42R- RLEGVYRNNI	25153	>PTEN-L42R- RREGVYRNNI	370	24783
>PTEN-L42R- RLEGVYRNNI	20063	>PTEN-L42R- RREGVYRNNI	175	19888
>PTEN-L42R- IIAMGFPAER	200	>PTEN-L42R- IIAMGFPAER	25831	25631
>PTEN-L42R- IIAMGFPAER	213	>PTEN-L42R- IIAMGFPAER	14707	14494
>PTEN-L42R- IIAMGFPAER	471	>PTEN-L42R- IIAMGFPAER	24548	24077
>PTEN-L42R- IIAMGFPAER	73	>PTEN-L42R- IIAMGFPAER	25716	25643
>PTEN-L42R- IIAMGFPAER	19244	>PTEN-L42R- IIAMGFPAER	478	18766
>PTEN-L42R- IIAMGFPAER	18865	>PTEN-L42R- IIAMGFPAER	57	18808
>PTEN-L42R- ERLEGVYR	115	>PTEN-L42R- ERREGVYR	521	406
>PTEN-L42R- AERLEGVY	166	>PTEN-L42R- AERREGVY	1546	1380
>PTEN-L42R- AERLEGVY	853	>PTEN-L42R- AERREGVY	470	383
>PTEN-L42R- AERLEGVY	1265	>PTEN-L42R- AERREGVY	453	812
>PTEN-L42R- FPAERLEGV	65	>PTEN-L42R- FPAERREGV	971	906
>PTEN-L42R- FPAERLEGVY	125	>PTEN-L42R- FPAERREGVY	92	33
>PTEN-L42R- FPAERLEGV	277	>PTEN-L42R- FPAERREGV	145	132
>PTEN-L42R- FPAERLEGV	67	>PTEN-L42R- FPAERREGV	252	185
>PTEN-L42R- FPAERLEGV	226	>PTEN-L42R- FPAERREGV	23	203
>PTEN-L42R- FPAERLEGVY	481	>PTEN-L42R- FPAERREGVY	400	81

>PTEN-L42R- FPAERLEGVY	17	>PTEN-L42R- FPAERREGVY	28	11
>PTEN-L42R- FPAERLEGV	250	>PTEN-L42R- FPAERREGV	1117	867
>PTEN-L42R- FPAERLEGVY	170	>PTEN-L42R- FPAERREGVY	195	25
>PTEN-L42R- FPAERLEG	462	>PTEN-L42R- FPAERREG	543	81
>PTEN-L42R- FPAERLEGV	85	>PTEN-L42R- FPAERREGV	207	122
>PTEN-L42R- FPAERLEGVY	29	>PTEN-L42R- FPAERREGVY	38	9
>PTEN-L42R- FPAERLEGVY	82	>PTEN-L42R- FPAERREGVY	159	77
>PTEN-L42R- FPAERLEGVY	459	>PTEN-L42R- FPAERREGVY	360	99
>PTEN-L42R- GFPAERLEGV	291	>PTEN-L42R- GFPAERREGV	1336	1045
>PTEN-L42R- MGFPFAERLE	257	>PTEN-L42R- MGFPFAERRE	980	723
>PTEN-L42R- MGFPFAERLE	186	>PTEN-L42R- MGFPFAERRE	981	795
>PTEN-L42R- MGFPFAERLE	355	>PTEN-L42R- MGFPFAERRE	1559	1204
>PTEN-L42R- MGFPFAERL	20420	>PTEN-L42R- MGFPFAERR	325	20095
>PTEN-L42R- MGFPFAERL	21810	>PTEN-L42R- MGFPFAERR	60	21750
>PTEN-L42R- MGFPFAERL	378	>PTEN-L42R- MGFPFAERR	18902	18524
>PTEN-L42R- MGFPFAERLE	46	>PTEN-L42R- MGFPFAERRE	45	1
>PTEN-L42R- MGFPFAERL	258	>PTEN-L42R- MGFPFAERR	20696	20438
>PTEN-L42R- MGFPFAERL	30685	>PTEN-L42R- MGFPFAERR	291	30394
>PTEN-L42R- AMGFPAERL	365	>PTEN-L42R- AMGFPAERR	28051	27686
>PTEN-L42R- AMGFPAERL	15	>PTEN-L42R- AMGFPAERR	11667	11652
>PTEN-L42R- AMGFPAERL	454	>PTEN-L42R- AMGFPAERR	26173	25719
>PTEN-L42R- AMGFPAERL	403	>PTEN-L42R- AMGFPAERR	23497	23094
>PTEN-L42R- AMGFPAERL	195	>PTEN-L42R- AMGFPAERR	24867	24672
>PTEN-L42R- AMGFPAERL	29	>PTEN-L42R- AMGFPAERR	20442	20413
>PTEN-L42R- IAMGFPAERL	65	>PTEN-L42R- IAMGFPAERF	12157	12092
>PTEN-L42R- IAMGFPAERL	445	>PTEN-L42R- IAMGFPAERF	25719	25274
>PTEN-L42R- IAMGFPAERL	31590	>PTEN-L42R- IAMGFPAERF	499	31091
>PTEN-L42R- IAMGFPAERL	16530	>PTEN-L42R- IAMGFPAERF	80	16450
>PTEN-L42R- IAMGFPAERL	21496	>PTEN-L42R- IAMGFPAERF	16	21480
>PTEN-L42R- IAMGFPAERL	19	>PTEN-L42R- IAMGFPAERF	7338	7319
>PTEN-L42R- IAMGFPAERL	332	>PTEN-L42R- IAMGFPAERF	6427	6095
>PTEN-L42R- IAMGFPAERL	476	>PTEN-L42R- IAMGFPAERF	17875	17399
>PTEN-L57S- FLDSKHKNHY	229	>PTEN-L57S- FSDSKHKNHY	152	77
>PTEN-L57S- FLDSKHKNHY	86	>PTEN-L57S- FSDSKHKNHY	28	58
>PTEN-L57S- FLDSKHKNHY	273	>PTEN-L57S- FSDSKHKNHY	21451	21178
>PTEN-L57S- FLDSKHKNHY	226	>PTEN-L57S- FSDSKHKNHY	33198	32972
>PTEN-L57S- FLDSKHKNHY	512	>PTEN-L57S- FSDSKHKNHY	182	330
>PTEN-L57S- FLDSKHKNHY	688	>PTEN-L57S- FSDSKHKNHY	277	411
>PTEN-L57S- FLDSKHKNHY	10316	>PTEN-L57S- FSDSKHKNHY	131	10185
>PTEN-L57S- FLDSKHKNHY	6749	>PTEN-L57S- FSDSKHKNHY	484	6265
>PTEN-L57S- RFLDSKHKNF	91	>PTEN-L57S- RFSDSKHKNF	262	171
>PTEN-L57S- RFLDSKHK	19	>PTEN-L57S- RFSDSKHK	48	29
>PTEN-L57S- RFLDSKHKNF	227	>PTEN-L57S- RFSDSKHKNF	90	137

>PTEN-L57S- <sup>1</sup> RFLDSKHK	73	>PTEN-L57S- <sup>1</sup> RFSDSKHK	158	85
>PTEN-L57S- <sup>1</sup> RFLDSKHK	66	>PTEN-L57S- <sup>1</sup> RFSDSKHK	190	124
>PTEN-L57S- <sup>1</sup> VRFLDSKH	1832	>PTEN-L57S- <sup>1</sup> VRFSDSKH	440	1392
>PTEN-L57S- <sup>1</sup> VRFLDSKHK	2070	>PTEN-L57S- <sup>1</sup> VRFSDSKHK	444	1626
>PTEN-L57S- <sup>1</sup> VRFLDSKHKN	1240	>PTEN-L57S- <sup>1</sup> VRFSDSKHKN	340	900
>PTEN-L57S- <sup>1</sup> VRFLDSKH	482	>PTEN-L57S- <sup>1</sup> VRFSDSKH	598	116
>PTEN-L57S- <sup>1</sup> VRFLDSKHK	137	>PTEN-L57S- <sup>1</sup> VRFSDSKHK	149	12
>PTEN-L57S- <sup>1</sup> VVRFLLDSK	644	>PTEN-L57S- <sup>1</sup> VVRFSDSK	302	342
>PTEN-L57S- <sup>1</sup> VVRFLLDSKHK	408	>PTEN-L57S- <sup>1</sup> VVRFSDSKHK	562	154
>PTEN-L57S- <sup>1</sup> VVRFLLDSK	455	>PTEN-L57S- <sup>1</sup> VVRFSDSK	353	102
>PTEN-L57S- <sup>1</sup> VVRFLLDSK	17	>PTEN-L57S- <sup>1</sup> VVRFSDSK	9	8
>PTEN-L57S- <sup>1</sup> VVRFLLDSKHK	13	>PTEN-L57S- <sup>1</sup> VVRFSDSKHK	9	4
>PTEN-L57S- <sup>1</sup> VVRFLLDSKH	57	>PTEN-L57S- <sup>1</sup> VVRFSDSKH	116	59
>PTEN-L57S- <sup>1</sup> DVVRFLLDSK	493	>PTEN-L57S- <sup>1</sup> DVVRFSDSK	7328	6835
>PTEN-L57S- <sup>1</sup> DVVRFLLDSKH	129	>PTEN-L57S- <sup>1</sup> DVVRFSDSKH	631	502
>PTEN-L57S- <sup>1</sup> DVVRFLLDSK	18	>PTEN-L57S- <sup>1</sup> DVVRFSDSK	14	4
>PTEN-L57S- <sup>1</sup> DVVRFLLDSKH	102	>PTEN-L57S- <sup>1</sup> DVVRFSDSKH	77	25
>PTEN-L57S- <sup>1</sup> NIDDVVRF	171	>PTEN-L57S- <sup>1</sup> NIDDVRF	8943	8772
>PTEN-L57S- <sup>1</sup> NIDDVVRF	272	>PTEN-L57S- <sup>1</sup> NIDDVRF	8568	8296
>PTEN-L57S- <sup>1</sup> NIDDVVRF	30	>PTEN-L57S- <sup>1</sup> NIDDVRF	3549	3519
>PTEN-L57S- <sup>1</sup> NIDDVVRF	320	>PTEN-L57S- <sup>1</sup> NIDDVRF	18203	17883
>PTEN-L57S- <sup>1</sup> NIDDVVRF	464	>PTEN-L57S- <sup>1</sup> NIDDVRF	17975	17511
>PTEN-L57S- <sup>1</sup> NIDDVVRF	324	>PTEN-L57S- <sup>1</sup> NIDDVRF	10980	10656
>PTEN-L57W LDSKHKNHY <sup>1</sup>	1193	>PTEN-L57W WDSKHKNHY	206	987
>PTEN-L57W LDSKHKNHY <sup>1</sup>	229	>PTEN-L57W WDSKHKNHY	166	63
>PTEN-L57W FLDSKHKNHY	86	>PTEN-L57W FWDSKHKNH	123	37
>PTEN-L57W FLDSKHKNHY	273	>PTEN-L57W FWDSKHKNH	24437	24164
>PTEN-L57W FLDSKHKNHY	226	>PTEN-L57W FWDSKHKNH	33322	33096
>PTEN-L57W FLDSKHKNHY	5001	>PTEN-L57W FWDSKHKNH	111	4890
>PTEN-L57W FLDSKHKNHY	33609	>PTEN-L57W FWDSKHKNH	478	33131
>PTEN-L57W RNNIDDVRF	20704	>PTEN-L57W RNNIDDVRF	306	20398
>PTEN-L57W RNNIDDVRF	17075	>PTEN-L57W RNNIDDVRF	167	16908
>PTEN-L57W RFLDSKHKN <sup>1</sup>	91	>PTEN-L57W RFWDSKHKN	26	65
>PTEN-L57W RFLDSKHK	19	>PTEN-L57W RFWDSKHK	83	64
>PTEN-L57W RFLDSKHKN <sup>1</sup>	227	>PTEN-L57W RFWDSKHKN	73	154
>PTEN-L57W RFLDSKHK	73	>PTEN-L57W RFWDSKHK	26	47
>PTEN-L57W RFLDSKHKN <sup>1</sup>	761	>PTEN-L57W RFWDSKHKN	143	618
>PTEN-L57W RFLDSKHK	66	>PTEN-L57W RFWDSKHK	31	35
>PTEN-L57W VRFLDSKH	482	>PTEN-L57W VRFWDSKH	411	71
>PTEN-L57W VRFLDSKHK	137	>PTEN-L57W VRFWDSKHK	128	9
>PTEN-L57W VRFLDSKHKN	672	>PTEN-L57W VRFWDSKHK	349	323
>PTEN-L57W VVRFLLDSK	644	>PTEN-L57W VVRFWDSK	475	169
>PTEN-L57W VVRFLLDSKHK	408	>PTEN-L57W VVRFWDSKH	141	267

>PTEN-L57W VVRFLDSK	455	>PTEN-L57W VVRFWDSK	424	31
>PTEN-L57W VVRFLDSKHK	560	>PTEN-L57W VVRFWDSKH	480	80
>PTEN-L57W VVRFLDSK	17	>PTEN-L57W VVRFWDSK	13	4
>PTEN-L57W VVRFLDSKHK	13	>PTEN-L57W VVRFWDSKH	15	2
>PTEN-L57W VVRFLDSKH	57	>PTEN-L57W VVRFWDSKH	58	1
>PTEN-L57W DVVRFLDSK	493	>PTEN-L57W DVVRFWDSK	4303	3810
>PTEN-L57W DVVRFLDSKH	129	>PTEN-L57W DVVRFWDSK	295	166
>PTEN-L57W DVVRFLDSK	18	>PTEN-L57W DVVRFWDSK	20	2
>PTEN-L57W DVVRFLDSKH	102	>PTEN-L57W DVVRFWDSK	88	14
>PTEN-L57W NIDDVVRFL	171	>PTEN-L57W NIDDVVRFW	15644	15473
>PTEN-L57W NIDDVVRFL	272	>PTEN-L57W NIDDVVRFW	19762	19490
>PTEN-L57W NIDDVVRFL	30	>PTEN-L57W NIDDVVRFW	13584	13554
>PTEN-L57W NIDDVVRFL	320	>PTEN-L57W NIDDVVRFW	23107	22787
>PTEN-L57W NIDDVVRFL	464	>PTEN-L57W NIDDVVRFW	21525	21061
>PTEN-L57W NIDDVVRFL	324	>PTEN-L57W NIDDVVRFW	16900	16576
>PTEN-L57W NNIDDVVRFL	22930	>PTEN-L57W NNIDDVVRFW	380	22550
>PTEN-L70F- NLCAERHYDT	387	>PTEN-L70F- NFCAERHYDT	31483	31096
>PTEN-L70F- NLCAERHY	884	>PTEN-L70F- NFCAERHY	245	639
>PTEN-L70F- NLCAERHY	310	>PTEN-L70F- NFCAERHY	1401	1091
>PTEN-L70F- NLCAERHY	346	>PTEN-L70F- NFCAERHY	6037	5691
>PTEN-L70F- KHKNHYKIYN	4423	>PTEN-L70F- KHKNHYKIYN	265	4158
>PTEN-L70F- KHKNHYKIYN	206	>PTEN-L70F- KHKNHYKIYN	10	196
>PTEN-L70F- YNLCAERHY	880	>PTEN-L70F- YNFCAERHY	469	411
>PTEN-L70F- YNLCAERHY	1648	>PTEN-L70F- YNFCAERHY	199	1449
>PTEN-L70F- YNLCAERHY	254	>PTEN-L70F- YNFCAERHY	62	192
>PTEN-L70F- IYNLCAERHY	43	>PTEN-L70F- IYNFCAERHY	32	11
>PTEN-L70F- IYNLCAERHY	212	>PTEN-L70F- IYNFCAERHY	171	41
>PTEN-L70F- IYNLCAER	36	>PTEN-L70F- IYNFCAER	23	13
>PTEN-L70F- IYNLCAER	62	>PTEN-L70F- IYNFCAER	55	7
>PTEN-L70F- IYNLCAER	718	>PTEN-L70F- IYNFCAER	227	491
>PTEN-L70F- IYNLCAER	55	>PTEN-L70F- IYNFCAER	45	10
>PTEN-L70F- KIYNLCAER	78	>PTEN-L70F- KIYNFCAER	58	20
>PTEN-L70F- KIYNLCAERH'	107	>PTEN-L70F- KIYNFCAERH'	92	15
>PTEN-L70F- KIYNLCAER	157	>PTEN-L70F- KIYNFCAER	52	105
>PTEN-L70F- KIYNLCAERH'	233	>PTEN-L70F- KIYNFCAERH'	204	29
>PTEN-L70F- KIYNLCAERH'	59	>PTEN-L70F- KIYNFCAERH'	47	12
>PTEN-L70F- KIYNLCAER	10	>PTEN-L70F- KIYNFCAER	10	0
>PTEN-L70F- KIYNLCAERH'	517	>PTEN-L70F- KIYNFCAERH'	438	79
>PTEN-L70F- KIYNLCAER	119	>PTEN-L70F- KIYNFCAER	50	69
>PTEN-L70F- KIYNLCAERH'	233	>PTEN-L70F- KIYNFCAERH'	238	5
>PTEN-L70F- KIYNLCAERH'	76	>PTEN-L70F- KIYNFCAERH'	87	11
>PTEN-L70F- KIYNLCAERH'	226	>PTEN-L70F- KIYNFCAERH'	101	125
>PTEN-L70F- KIYNLCAERH'	132	>PTEN-L70F- KIYNFCAERH'	115	17

>PTEN-L70F-·KIYNLCAERH'	453	>PTEN-L70F- KIYNFCAERH'	467	14
>PTEN-L70F-·KIYNLCAER	40	>PTEN-L70F- KIYNFCAER	21	19
>PTEN-L70F-·YKIYNLCAER	884	>PTEN-L70F- YKIYNFCAER	309	575
>PTEN-L70F-·YKIYNLCAER	710	>PTEN-L70F- YKIYNFCAER	368	342
>PTEN-L70F-·YKIYNLCA	112	>PTEN-L70F- YKIYNFCA	108	4
>PTEN-L70F-·YKIYNLCAE	469	>PTEN-L70F- YKIYNFCAE	158	311
>PTEN-L70F-·YKIYNLCAER	117	>PTEN-L70F- YKIYNFCAER	52	65
>PTEN-L70F-·YKIYNLCAER	301	>PTEN-L70F- YKIYNFCAER	159	142
>PTEN-L70F-·HYKIYNLC	616	>PTEN-L70F- HYKIYNFC	195	421
>PTEN-L70F-·HYKIYNLCA	22	>PTEN-L70F- HYKIYNFCA	39	17
>PTEN-L70F-·HYKIYNLCAEI	120	>PTEN-L70F- HYKIYNFCAEI	107	13
>PTEN-L70F-·HYKIYNLCAEI	9	>PTEN-L70F- HYKIYNFCAEI	6	3
>PTEN-L70F-·HYKIYNLCAEI	13	>PTEN-L70F- HYKIYNFCAEI	9	4
>PTEN-L70F-·HYKIYNLCAEI	272	>PTEN-L70F- HYKIYNFCAEI	103	169
>PTEN-L70F-·HYKIYNLCAEI	26	>PTEN-L70F- HYKIYNFCAEI	22	4
>PTEN-L70F-·NHYKIYNL	1274	>PTEN-L70F- NHYKIYNF	66	1208
>PTEN-L70F-·NHYKIYNL	996	>PTEN-L70F- NHYKIYNF	45	951
>PTEN-L70F-·NHYKIYNL	145	>PTEN-L70F- NHYKIYNF	1168	1023
>PTEN-L70F-·NHYKIYNL	67	>PTEN-L70F- NHYKIYNF	2567	2500
>PTEN-L70F-·KNHYKIYNLC,	497	>PTEN-L70F- KNHYKIYNFC,	746	249
>PTEN-L70F-·KNHYKIYNL	1031	>PTEN-L70F- KNHYKIYNF	210	821
>PTEN-L70F-·KNHYKIYNL	2736	>PTEN-L70F- KNHYKIYNF	119	2617
>PTEN-L70F-·HKNHYKIYNL	68	>PTEN-L70F- HKNHYKIYNF	6	62
>PTEN-L70P-·NLCAERHYD	387	>PTEN-L70P-·NPCAERHYD	37412	37025
>PTEN-L70P-·NLCAERHY	310	>PTEN-L70P-·NPCAERHY	8209	7899
>PTEN-L70P-·NLCAERHY	346	>PTEN-L70P-·NPCAERHY	14365	14019
>PTEN-L70P-·NLCAERHY	10298	>PTEN-L70P-·NPCAERHY	214	10084
>PTEN-L70P-·NLCAERHYD	30953	>PTEN-L70P-·NPCAERHYD	382	30571
>PTEN-L70P-·KHKNHYKIYN	206	>PTEN-L70P-·KHKNHYKIYN	6656	6450
>PTEN-L70P-·YNLCAERHY	254	>PTEN-L70P-·YNPCAERHY	2577	2323
>PTEN-L70P-·IYNLCAERHY	43	>PTEN-L70P-·IYNPCAERHY	68	25
>PTEN-L70P-·IYNLCAERHY	212	>PTEN-L70P-·IYNPCAERHY	471	259
>PTEN-L70P-·IYNLCAER	36	>PTEN-L70P-·IYNPCAER	26	10
>PTEN-L70P-·IYNLCAER	62	>PTEN-L70P-·IYNPCAER	95	33
>PTEN-L70P-·IYNLCAER	55	>PTEN-L70P-·IYNPCAER	56	1
>PTEN-L70P-·KIYNLCAER	78	>PTEN-L70P-·KIYNPCAER	57	21
>PTEN-L70P-·KIYNLCAERH'	107	>PTEN-L70P-·KIYNPCAERH'	90	17
>PTEN-L70P-·KIYNLCAER	157	>PTEN-L70P-·KIYNPCAER	141	16
>PTEN-L70P-·KIYNLCAERH'	233	>PTEN-L70P-·KIYNPCAERH'	337	104
>PTEN-L70P-·KIYNLCAERH'	59	>PTEN-L70P-·KIYNPCAERH'	82	23
>PTEN-L70P-·KIYNLCAER	10	>PTEN-L70P-·KIYNPCAER	14	4
>PTEN-L70P-·KIYNLCAER	119	>PTEN-L70P-·KIYNPCAER	393	274
>PTEN-L70P-·KIYNLCAERH'	233	>PTEN-L70P-·KIYNPCAERH'	670	437



>PTEN-L70P- KIYNLCAERH'	76	>PTEN-L70P- KIYNPCAERH'	87	11
>PTEN-L70P- KIYNLCAERH'	226	>PTEN-L70P- KIYNPCAERH'	148	78
>PTEN-L70P- KIYNLCAERH'	132	>PTEN-L70P- KIYNPCAERH'	83	49
>PTEN-L70P- KIYNLCAERH'	453	>PTEN-L70P- KIYNPCAERH'	470	17
>PTEN-L70P- KIYNLCAER	40	>PTEN-L70P- KIYNPCAER	82	42
>PTEN-L70P- YKIYNLCA	112	>PTEN-L70P- YKIYNPCA	104	8
>PTEN-L70P- YKIYNLCAE	469	>PTEN-L70P- YKIYNPCA	274	195
>PTEN-L70P- YKIYNLCAER	117	>PTEN-L70P- YKIYNPCAER	83	34
>PTEN-L70P- YKIYNLCAERI	301	>PTEN-L70P- YKIYNPCAERI	183	118
>PTEN-L70P- HYKIYNLC	616	>PTEN-L70P- HYKIYNPC	258	358
>PTEN-L70P- HYKIYNLCA	22	>PTEN-L70P- HYKIYNPCA	15	7
>PTEN-L70P- HYKIYNLCAEI	120	>PTEN-L70P- HYKIYNPCA	110	10
>PTEN-L70P- HYKIYNLCAEI	9	>PTEN-L70P- HYKIYNPCA	10	1
>PTEN-L70P- HYKIYNLCAEI	13	>PTEN-L70P- HYKIYNPCA	15	2
>PTEN-L70P- HYKIYNLCAEI	272	>PTEN-L70P- HYKIYNPCA	282	10
>PTEN-L70P- HYKIYNLCAEI	26	>PTEN-L70P- HYKIYNPCA	41	15
>PTEN-L70P- NHYKIYNL	145	>PTEN-L70P- NHYKIYNP	1759	1614
>PTEN-L70P- NHYKIYNLC	568	>PTEN-L70P- NHYKIYNPC	371	197
>PTEN-L70P- NHYKIYNLCA	678	>PTEN-L70P- NHYKIYNPCA	339	339
>PTEN-L70P- NHYKIYNL	67	>PTEN-L70P- NHYKIYNP	19934	19867
>PTEN-L70P- KNHYKIYNLC	497	>PTEN-L70P- KNHYKIYNPC	337	160
>PTEN-L70P- HKNHYKIYNL	68	>PTEN-L70P- HKNHYKIYNP	2358	2290
>PTEN-M134 MICAYLLHR	315	>PTEN-M134 LICAYLLHR	1392	1077
>PTEN-M134 MICAYLLHRG	162	>PTEN-M134 LICAYLLHRG	472	310
>PTEN-M134 MICAYLLH	299	>PTEN-M134 LICAYLLH	2396	2097
>PTEN-M134 MICAYLLHR	89	>PTEN-M134 LICAYLLHR	619	530
>PTEN-M134 MICAYLLHRG	49	>PTEN-M134 LICAYLLHRG	207	158
>PTEN-M134 MICAYLLHRG	77	>PTEN-M134 LICAYLLHRG	599	522
>PTEN-M134 MICAYLLHR	11	>PTEN-M134 LICAYLLHR	47	36
>PTEN-M134 MICAYLLHRG	473	>PTEN-M134 LICAYLLHRG	2346	1873
>PTEN-M134 MICAYLLHR	45	>PTEN-M134 LICAYLLHR	207	162
>PTEN-M134 MICAYLLHR	28	>PTEN-M134 LICAYLLHR	404	376
>PTEN-M134 MICAYLLHRG	124	>PTEN-M134 LICAYLLHRG	1818	1694
>PTEN-M134 MICAYLLHR	28	>PTEN-M134 LICAYLLHR	74	46
>PTEN-M134 VMICAYLL	248	>PTEN-M134 VLICAYLL	681	433
>PTEN-M134 VMICAYLL	15	>PTEN-M134 VLICAYLL	18	3
>PTEN-M134 VMICAYLL	9	>PTEN-M134 VLICAYLL	9	0
>PTEN-M134 VMICAYLL	27	>PTEN-M134 VLICAYLL	38	11
>PTEN-M134 VMICAYLL	39	>PTEN-M134 VLICAYLL	71	32
>PTEN-M134 VMICAYLL	10	>PTEN-M134 VLICAYLL	15	5
>PTEN-M134 VMICAYLL	6	>PTEN-M134 VLICAYLL	8	2
>PTEN-M134 VMICAYLL	58	>PTEN-M134 VLICAYLL	68	10
>PTEN-M134 VMICAYLL	136	>PTEN-M134 VLICAYLL	236	100

>PTEN-M134 VMICAYLL	16	>PTEN-M134 VLICAYLL	10	6
>PTEN-M134 VMICAYLLHR	166	>PTEN-M134 VLICAYLLHR	207	41
>PTEN-M134 VMICAYLLHR	52	>PTEN-M134 VLICAYLLHR	91	39
>PTEN-M134 VMICAYLL	100	>PTEN-M134 VLICAYLL	195	95
>PTEN-M134 VMICAYLLH	46	>PTEN-M134 VLICAYLLH	216	170
>PTEN-M134 VMICAYLLHR	44	>PTEN-M134 VLICAYLLHR	104	60
>PTEN-M134 VMICAYLLHR	237	>PTEN-M134 VLICAYLLHR	452	215
>PTEN-M134 VMICAYLLHR	119	>PTEN-M134 VLICAYLLHR	313	194
>PTEN-M134 VMICAYLL	126	>PTEN-M134 VLICAYLL	1344	1218
>PTEN-M134 VMICAYLLHR	434	>PTEN-M134 VLICAYLLHR	4441	4007
>PTEN-M134 VMICAYLLHR	70	>PTEN-M134 VLICAYLLHR	89	19
>PTEN-M134 VMICAYLLHR	58	>PTEN-M134 VLICAYLLHR	134	76
>PTEN-M134 GVMICAYL	66	>PTEN-M134 GVLICAYL	249	183
>PTEN-M134 GVMICAYLL	57	>PTEN-M134 GVLICAYLL	231	174
>PTEN-M134 GVMICAYL	20	>PTEN-M134 GVLICAYL	286	266
>PTEN-M134 GVMICAYLL	18	>PTEN-M134 GVLICAYLL	286	268
>PTEN-M134 GVMICAYL	260	>PTEN-M134 GVLICAYL	2040	1780
>PTEN-M134 GVMICAYL	51	>PTEN-M134 GVLICAYL	101	50
>PTEN-M134 GVMICAYLL	112	>PTEN-M134 GVLICAYLL	229	117
>PTEN-M134 GVMICAYL	844	>PTEN-M134 GVLICAYL	386	458
>PTEN-M134 GVMICAYL	346	>PTEN-M134 GVLICAYL	484	138
>PTEN-M134 GVMICAYLL	327	>PTEN-M134 GVLICAYLL	511	184
>PTEN-M134 GVMICAYL	403	>PTEN-M134 GVLICAYL	1230	827
>PTEN-M134 GVMICAYLLH	52	>PTEN-M134 GVLICAYLLHF	220	168
>PTEN-M134 GVMICAYLLH	38	>PTEN-M134 GVLICAYLLHF	54	16
>PTEN-M134 GVMICAYLLH	177	>PTEN-M134 GVLICAYLLHF	888	711
>PTEN-M134 GVMICAYL	485	>PTEN-M134 GVLICAYL	6188	5703
>PTEN-M134 GVMICAYLL	222	>PTEN-M134 GVLICAYLL	278	56
>PTEN-M134 GVMICAYLLH	198	>PTEN-M134 GVLICAYLLHF	242	44
>PTEN-M134 GVMICAYLLH	132	>PTEN-M134 GVLICAYLLHF	96	36
>PTEN-M134 TGVMICAYL	267	>PTEN-M134 TGVVICAYL	271	4
>PTEN-M134 TGVMICAY	166	>PTEN-M134 TGVVICAY	254	88
>PTEN-M134 RTGVMICAYL	583	>PTEN-M134 RTGVVICAYL	400	183
>PTEN-M134 RTGVMICAYL	532	>PTEN-M134 RTGVVICAYL	442	90
>PTEN-M134 RTGVMICAY	243	>PTEN-M134 RTGVVICAY	250	7
>PTEN-M134 RTGVMICAYL	398	>PTEN-M134 RTGVVICAYL	795	397
>PTEN-M134 RTGVMICAY	169	>PTEN-M134 RTGVVICAY	141	28
>PTEN-M134 RTGVMICAYL	114	>PTEN-M134 RTGVVICAYLL	123	9
>PTEN-M134 RTGVMICAYL	74	>PTEN-M134 RTGVVICAYL	111	37
>PTEN-M134 RTGVMICAY	228	>PTEN-M134 RTGVVICAY	144	84
>PTEN-M134 RTGVMICAY	70	>PTEN-M134 RTGVVICAY	67	3
>PTEN-M134 RTGVMICAY	13	>PTEN-M134 RTGVVICAY	14	1
>PTEN-M134 RTGVMICAYL	12	>PTEN-M134 RTGVVICAYL	15	3

>PTEN-M134 RTGVMICAYL	14	>PTEN-M134 RTGVLICAYLL	17	3
>PTEN-M134 RTGVMICAY	205	>PTEN-M134 RTGVLICAY	102	103
>PTEN-M134 RTGVMICAYL	438	>PTEN-M134 RTGVLICAYL	321	117
>PTEN-M134 RTGVMICAYL	428	>PTEN-M134 RTGVLICAYLL	277	151
>PTEN-M134 RTGVMICAYL	90	>PTEN-M134 RTGVLICAYL	101	11
>PTEN-M134 RTGVMICAYL	56	>PTEN-M134 RTGVLICAYLL	56	0
>PTEN-M134 RTGVMICAY	378	>PTEN-M134 RTGVLICAY	321	57
>PTEN-M134 RTGVMICAYL	72	>PTEN-M134 RTGVLICAYL	92	20
>PTEN-M134 RTGVMICAYL	235	>PTEN-M134 RTGVLICAYLL	211	24
>PTEN-M134 RTGVMICAYL	394	>PTEN-M134 RTGVLICAYLL	462	68
>PTEN-M134 GRTGVMICA'	113	>PTEN-M134 GRTGVLICAY	71	42
>PTEN-M134 GRTGVMICA'	258	>PTEN-M134 GRTGVLICAYL	224	34
>PTEN-M134 GRTGVMICA'	334	>PTEN-M134 GRTGVLICAYL	304	30
>PTEN-M134 GRTGVMICA'	78	>PTEN-M134 GRTGVLICAYL	47	31
>PTEN-M134 KGRTGVM	29	>PTEN-M134 KGRTGVLI	18	11
>PTEN-M134 KGRTGVMIC	365	>PTEN-M134 KGRTGVLIC	660	295
>PTEN-M134 KGRTGVMIC/	21	>PTEN-M134 KGRTGVLICA	25	4
>PTEN-M134 KGRTGVMIC/	38	>PTEN-M134 KGRTGVLICA'	52	14
>PTEN-M134 KGRTGVMIC/	314	>PTEN-M134 KGRTGVLICA'	312	2
>PTEN-M134 KGRTGVMIC/	165	>PTEN-M134 KGRTGVLICA'	145	20
>PTEN-M134 KGRTGVMIC/	174	>PTEN-M134 KGRTGVLICA'	227	53
>PTEN-M134 KGRTGVMIC/	135	>PTEN-M134 KGRTGVLICA'	125	10
>PTEN-M134 GKRTGVM	308	>PTEN-M134 GKRTGVLI	787	479
>PTEN-M134 AGKRTGVM	861	>PTEN-M134 AGKRTGVLI	456	405
>PTEN-M134 KAGKRTGVM	135	>PTEN-M134 KAGKRTGVLI	134	1
>PTEN-M134 MICAYLLH	784	>PTEN-M134 RICAYLLH	431	353
>PTEN-M134 MICAYLLHR	315	>PTEN-M134 RICAYLLHR	171	144
>PTEN-M134 MICAYLLHRG	162	>PTEN-M134 RICAYLLHRGI	105	57
>PTEN-M134 MICAYLLH	299	>PTEN-M134 RICAYLLH	345	46
>PTEN-M134 MICAYLLHR	89	>PTEN-M134 RICAYLLHR	102	13
>PTEN-M134 MICAYLLHRG	49	>PTEN-M134 RICAYLLHRGI	46	3
>PTEN-M134 MICAYLLHR	2180	>PTEN-M134 RICAYLLHR	499	1681
>PTEN-M134 MICAYLLHRG	77	>PTEN-M134 RICAYLLHRGI	20	57
>PTEN-M134 MICAYLLHR	11	>PTEN-M134 RICAYLLHR	9	2
>PTEN-M134 MICAYLLHRG	473	>PTEN-M134 RICAYLLHRGI	211	262
>PTEN-M134 MICAYLLHR	45	>PTEN-M134 RICAYLLHR	1081	1036
>PTEN-M134 MICAYLLHR	28	>PTEN-M134 RICAYLLHR	853	825
>PTEN-M134 MICAYLLHRG	124	>PTEN-M134 RICAYLLHRGI	5153	5029
>PTEN-M134 MICAYLLHR	28	>PTEN-M134 RICAYLLHR	17	11
>PTEN-M134 MICAYLLHRG	1168	>PTEN-M134 RICAYLLHRGI	412	756
>PTEN-M134 VMICAYLL	248	>PTEN-M134 VRICAYLL	2210	1962
>PTEN-M134 VMICAYLL	15	>PTEN-M134 VRICAYLL	19517	19502
>PTEN-M134 VMICAYLL	9	>PTEN-M134 VRICAYLL	8419	8410

>PTEN-M134 VMICAYLL	27	>PTEN-M134 VRICAYLL	14996	14969
>PTEN-M134 VMICAYLL	39	>PTEN-M134 VRICAYLL	9953	9914
>PTEN-M134 VMICAYLL	10	>PTEN-M134 VRICAYLL	19532	19522
>PTEN-M134 VMICAYLL	6	>PTEN-M134 VRICAYLL	14892	14886
>PTEN-M134 VMICAYLL	58	>PTEN-M134 VRICAYLL	23169	23111
>PTEN-M134 VMICAYLL	136	>PTEN-M134 VRICAYLL	23142	23006
>PTEN-M134 VMICAYLL	16	>PTEN-M134 VRICAYLL	27622	27606
>PTEN-M134 VMICAYLLHR	166	>PTEN-M134 VRICAYLLHR	5274	5108
>PTEN-M134 VMICAYLLHR	52	>PTEN-M134 VRICAYLLHR	3842	3790
>PTEN-M134 VMICAYLL	100	>PTEN-M134 VRICAYLL	1154	1054
>PTEN-M134 VMICAYLLH	46	>PTEN-M134 VRICAYLLH	5420	5374
>PTEN-M134 VMICAYLLHR	44	>PTEN-M134 VRICAYLLHR	532	488
>PTEN-M134 VMICAYLLHR	237	>PTEN-M134 VRICAYLLHR	2766	2529
>PTEN-M134 VMICAYLLHR	119	>PTEN-M134 VRICAYLLHR	3512	3393
>PTEN-M134 VMICAYLL	126	>PTEN-M134 VRICAYLL	359	233
>PTEN-M134 VMICAYLLHR	434	>PTEN-M134 VRICAYLLHR	1191	757
>PTEN-M134 VMICAYLL	11619	>PTEN-M134 VRICAYLL	142	11477
>PTEN-M134 VMICAYLLH	15476	>PTEN-M134 VRICAYLLH	334	15142
>PTEN-M134 VMICAYLLHR	23711	>PTEN-M134 VRICAYLLHR	142	23569
>PTEN-M134 VMICAYLL	1077	>PTEN-M134 VRICAYLL	354	723
>PTEN-M134 VMICAYLL	15465	>PTEN-M134 VRICAYLL	224	15241
>PTEN-M134 VMICAYLLHR	21699	>PTEN-M134 VRICAYLLHR	310	21389
>PTEN-M134 VMICAYLLHR	18805	>PTEN-M134 VRICAYLLHR	139	18666
>PTEN-M134 VMICAYLLHR	70	>PTEN-M134 VRICAYLLHR	3286	3216
>PTEN-M134 VMICAYLLHR	58	>PTEN-M134 VRICAYLLHR	342	284
>PTEN-M134 GVMICAYL	66	>PTEN-M134 GVRICAYL	9655	9589
>PTEN-M134 GVMICAYLL	57	>PTEN-M134 GVRICAYLL	8797	8740
>PTEN-M134 GVMICAYL	20	>PTEN-M134 GVRICAYL	1424	1404
>PTEN-M134 GVMICAYLL	18	>PTEN-M134 GVRICAYLL	1388	1370
>PTEN-M134 GVMICAYL	260	>PTEN-M134 GVRICAYL	1921	1661
>PTEN-M134 GVMICAYL	51	>PTEN-M134 GVRICAYL	5329	5278
>PTEN-M134 GVMICAYLL	112	>PTEN-M134 GVRICAYLL	9696	9584
>PTEN-M134 GVMICAYL	346	>PTEN-M134 GVRICAYL	11091	10745
>PTEN-M134 GVMICAYLL	327	>PTEN-M134 GVRICAYLL	11214	10887
>PTEN-M134 GVMICAYL	403	>PTEN-M134 GVRICAYL	18215	17812
>PTEN-M134 GVMICAYLLH	52	>PTEN-M134 GVRICAYLLHI	3709	3657
>PTEN-M134 GVMICAYL	7566	>PTEN-M134 GVRICAYL	182	7384
>PTEN-M134 GVMICAYLLH	7431	>PTEN-M134 GVRICAYLLHI	237	7194
>PTEN-M134 GVMICAYLLH	38	>PTEN-M134 GVRICAYLLHI	25	13
>PTEN-M134 GVMICAYLLH	177	>PTEN-M134 GVRICAYLLHI	1870	1693
>PTEN-M134 GVMICAYL	485	>PTEN-M134 GVRICAYL	13053	12568
>PTEN-M134 GVMICAYLL	222	>PTEN-M134 GVRICAYLL	106	116
>PTEN-M134 GVMICAYLLH	198	>PTEN-M134 GVRICAYLLHI	711	513

>PTEN-M134 GVMICAYLLH	132	>PTEN-M134 GVRICAYLLHI	422	290
>PTEN-M134 TGVMICAYL	267	>PTEN-M134 TGVRICAYL	237	30
>PTEN-M134 TGVMICAY	166	>PTEN-M134 TGVRICAY	455	289
>PTEN-M134 RTGVMICA	980	>PTEN-M134 RTGVRICA	469	511
>PTEN-M134 RTGVMICAYL	550	>PTEN-M134 RTGVRICAYL	346	204
>PTEN-M134 RTGVMICAY	243	>PTEN-M134 RTGVRICAY	475	232
>PTEN-M134 RTGVMICAYL	398	>PTEN-M134 RTGVRICAYL	596	198
>PTEN-M134 RTGVMICAY	169	>PTEN-M134 RTGVRICAY	625	456
>PTEN-M134 RTGVMICAYL	114	>PTEN-M134 RTGVRICAYLI	238	124
>PTEN-M134 RTGVMICAYL	74	>PTEN-M134 RTGVRICAYL	209	135
>PTEN-M134 RTGVMICAY	228	>PTEN-M134 RTGVRICAY	372	144
>PTEN-M134 RTGVMICAY	70	>PTEN-M134 RTGVRICAY	77	7
>PTEN-M134 RTGVMICAY	13	>PTEN-M134 RTGVRICAY	11	2
>PTEN-M134 RTGVMICAYL	12	>PTEN-M134 RTGVRICAYL	15	3
>PTEN-M134 RTGVMICAYL	14	>PTEN-M134 RTGVRICAYLI	13	1
>PTEN-M134 RTGVMICAY	205	>PTEN-M134 RTGVRICAY	1097	892
>PTEN-M134 RTGVMICAYL	438	>PTEN-M134 RTGVRICAYL	936	498
>PTEN-M134 RTGVMICAYL	428	>PTEN-M134 RTGVRICAYLI	1264	836
>PTEN-M134 RTGVMICAYL	90	>PTEN-M134 RTGVRICAYL	255	165
>PTEN-M134 RTGVMICAYL	56	>PTEN-M134 RTGVRICAYLI	123	67
>PTEN-M134 RTGVMICAY	378	>PTEN-M134 RTGVRICAY	1056	678
>PTEN-M134 RTGVMICAYL	72	>PTEN-M134 RTGVRICAYL	80	8
>PTEN-M134 RTGVMICAYL	235	>PTEN-M134 RTGVRICAYLI	478	243
>PTEN-M134 RTGVMICAYL	394	>PTEN-M134 RTGVRICAYLI	381	13
>PTEN-M134 GRTGVMICA	756	>PTEN-M134 GRTGVRICA	439	317
>PTEN-M134 GRTGVMICA'	113	>PTEN-M134 GRTGVRICAY	97	16
>PTEN-M134 GRTGVMICA'	258	>PTEN-M134 GRTGVRICAY	198	60
>PTEN-M134 GRTGVMICA'	334	>PTEN-M134 GRTGVRICAY	220	114
>PTEN-M134 GRTGVMICA'	78	>PTEN-M134 GRTGVRICAY	40	38
>PTEN-M134 KGRTGVM	29	>PTEN-M134 KGRTGVRI	42	13
>PTEN-M134 KGRTGVMIC	365	>PTEN-M134 KGRTGVRIC	1765	1400
>PTEN-M134 KGRTGVMIC/	21	>PTEN-M134 KGRTGVRICA	23	2
>PTEN-M134 KGRTGVMIC/	38	>PTEN-M134 KGRTGVRICA	56	18
>PTEN-M134 KGRTGVMIC/	314	>PTEN-M134 KGRTGVRICA	442	128
>PTEN-M134 KGRTGVMIC/	165	>PTEN-M134 KGRTGVRICA	224	59
>PTEN-M134 KGRTGVMIC/	174	>PTEN-M134 KGRTGVRICA	263	89
>PTEN-M134 KGRTGVMIC/	135	>PTEN-M134 KGRTGVRICA	171	36
>PTEN-M134 GKGRTGVM	308	>PTEN-M134 GKGRTGVRI	1153	845
>PTEN-M134 KAGKGRTGV	29390	>PTEN-M134 KAGKGRTGV	205	29185
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>PTEN-M198 MMFETIPM	270	>PTEN-M198 KMFETIPM	626	356
>PTEN-M198 MMFETIPMF	183	>PTEN-M198 KMFETIPMF	285	102
>PTEN-M198 MMFETIPM	8	>PTEN-M198 KMFETIPM	10	2

>PTEN-M198 MMFETIPMF	34	>PTEN-M198 KMFETIPMF	58	24
>PTEN-M198 MMFETIPMF	57	>PTEN-M198 KMFETIPMFS	113	56
>PTEN-M198 MMFETIPMF	136	>PTEN-M198 KMFETIPMFS	265	129
>PTEN-M198 MMFETIPM	8	>PTEN-M198 KMFETIPM	22	14
>PTEN-M198 MMFETIPMF	148	>PTEN-M198 KMFETIPMF	530	382
>PTEN-M198 MMFETIPMF	64	>PTEN-M198 KMFETIPMFS	117	53
>PTEN-M198 MMFETIPMF	99	>PTEN-M198 KMFETIPMFS	346	247
>PTEN-M198 MMFETIPM	10	>PTEN-M198 KMFETIPM	26	16
>PTEN-M198 MMFETIPMF	137	>PTEN-M198 KMFETIPMF	425	288
>PTEN-M198 MMFETIPMF	142	>PTEN-M198 KMFETIPMFS	243	101
>PTEN-M198 MMFETIPMF	195	>PTEN-M198 KMFETIPMFS	653	458
>PTEN-M198 MMFETIPM	12	>PTEN-M198 KMFETIPM	13	1
>PTEN-M198 MMFETIPMF	21	>PTEN-M198 KMFETIPMF	26	5
>PTEN-M198 MMFETIPMF	384	>PTEN-M198 KMFETIPMFS	671	287
>PTEN-M198 MMFETIPMF	155	>PTEN-M198 KMFETIPMFS	166	11
>PTEN-M198 MMFETIPM	2	>PTEN-M198 KMFETIPM	3	1
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>PTEN-M198 MMFETIPMF	4	>PTEN-M198 KMFETIPMFS	6	2
>PTEN-M198 MMFETIPMF	7	>PTEN-M198 KMFETIPMFS	10	3
>PTEN-M198 MMFETIPM	7	>PTEN-M198 KMFETIPM	7	0
>PTEN-M198 MMFETIPMF	334	>PTEN-M198 KMFETIPMF	264	70
>PTEN-M198 MMFETIPMF	217	>PTEN-M198 KMFETIPMFS	165	52
>PTEN-M198 MMFETIPMF	300	>PTEN-M198 KMFETIPMFS	212	88
>PTEN-M198 MMFETIPM	11	>PTEN-M198 KMFETIPM	12	1
>PTEN-M198 MMFETIPMF	52	>PTEN-M198 KMFETIPMF	47	5
>PTEN-M198 MMFETIPMF	44	>PTEN-M198 KMFETIPMFS	40	4
>PTEN-M198 MMFETIPMF	186	>PTEN-M198 KMFETIPMFS	164	22
>PTEN-M198 MMFETIPM	16	>PTEN-M198 KMFETIPM	55	39
>PTEN-M198 MMFETIPM	5	>PTEN-M198 KMFETIPM	25	20
>PTEN-M198 MMFETIPMF	24	>PTEN-M198 KMFETIPMF	177	153
>PTEN-M198 MMFETIPMF	38	>PTEN-M198 KMFETIPMFS	255	217
>PTEN-M198 MMFETIPMF	100	>PTEN-M198 KMFETIPMFS	854	754
>PTEN-M198 MMFETIPMF	60	>PTEN-M198 KMFETIPMF	139	79
>PTEN-M198 MMFETIPMF	50	>PTEN-M198 KMFETIPMF	126	76
>PTEN-M198 MMFETIPM	472	>PTEN-M198 KMFETIPM	4221	3749
>PTEN-M198 MMFETIPMF	61	>PTEN-M198 KMFETIPMF	712	651
>PTEN-M198 MMFETIPM	391	>PTEN-M198 KMFETIPM	78	313
>PTEN-M198 MMFETIPMF	468	>PTEN-M198 KMFETIPMFS	100	368
>PTEN-M198 MMFETIPMF	963	>PTEN-M198 KMFETIPMF	393	570
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>PTEN-M198 MMFETIPMF	76	>PTEN-M198 KMFETIPMF	13	63
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>PTEN-M198 MMFETIPM	27	>PTEN-M198 KMFETIPM	1027	1000

>PTEN-M198 MMFETIPM	28	>PTEN-M198 KMFETIPM	38	10
>PTEN-M198 MMFETIPMF	29	>PTEN-M198 KMFETIPMF	40	11
>PTEN-M198 MMFETIPMF	380	>PTEN-M198 KMFETIPMFS	744	364
>PTEN-M198 MMFETIPM	111	>PTEN-M198 KMFETIPM	604	493
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>PTEN-M198 MMFETIPM	4	>PTEN-M198 KMFETIPM	5	1
>PTEN-M198 MMFETIPMF	2	>PTEN-M198 KMFETIPMF	2	0
>PTEN-M198 MMFETIPMF	283	>PTEN-M198 KMFETIPMFS	370	87
>PTEN-M198 MMFETIPM	163	>PTEN-M198 KMFETIPM	92	71
>PTEN-M198 MMFETIPMF	21	>PTEN-M198 KMFETIPMF	17	4
>PTEN-M198 MMFETIPM	16	>PTEN-M198 KMFETIPM	473	457
>PTEN-M198 MMFETIPMF	79	>PTEN-M198 KMFETIPMF	4628	4549
>PTEN-M198 MMFETIPM	35	>PTEN-M198 KMFETIPM	394	359
>PTEN-M198 MMFETIPM	1120	>PTEN-M198 KMFETIPM	277	843
>PTEN-M198 MMFETIPMF	82	>PTEN-M198 KMFETIPMF	40	42
>PTEN-M198 MMFETIPMF	193	>PTEN-M198 KMFETIPMF	12770	12577
>PTEN-M198 KMMFETIPM	12	>PTEN-M198 KKMFFETIPM	17125	17113
>PTEN-M198 KMMFETIPM	271	>PTEN-M198 KKMFFETIPMF	24501	24230
>PTEN-M198 KMMFETIPM	121	>PTEN-M198 KKMFFETIPMF	22436	22315
>PTEN-M198 KMMFETIPM	12	>PTEN-M198 KKMFFETIPM	8262	8250
>PTEN-M198 KMMFETIPM	102	>PTEN-M198 KKMFFETIPMF	15617	15515
>PTEN-M198 KMMFETIPM	31	>PTEN-M198 KKMFFETIPM	14039	14008
>PTEN-M198 KMMFETIPM	184	>PTEN-M198 KKMFFETIPMF	16051	15867
>PTEN-M198 KMMFETIPM	31	>PTEN-M198 KKMFFETIPM	6605	6574
>PTEN-M198 KMMFETIPM	45	>PTEN-M198 KKMFFETIPM	22348	22303
>PTEN-M198 KMMFETIPM	153	>PTEN-M198 KKMFFETIPMF	21782	21629
>PTEN-M198 KMMFETIPM	474	>PTEN-M198 KKMFFETIPMF	27475	27001
>PTEN-M198 KMMFETIPM	11	>PTEN-M198 KKMFFETIPM	13322	13311
>PTEN-M198 KMMFETIPM	31	>PTEN-M198 KKMFFETIPM	17091	17060
>PTEN-M198 KMMFETIPM	69	>PTEN-M198 KKMFFETIPMF	3569	3500
>PTEN-M198 KMMFETIPM	184	>PTEN-M198 KKMFFETIPM	4176	3992
>PTEN-M198 KMMFETIPM	350	>PTEN-M198 KKMFFETIPMF	5419	5069
>PTEN-M198 KMMFETIPM	9	>PTEN-M198 KKMFFETIPM	555	546
>PTEN-M198 KMMFETIPM	11	>PTEN-M198 KKMFFETIPMF	524	513
>PTEN-M198 KMMFETIPM	47	>PTEN-M198 KKMFFETIPM	6780	6733
>PTEN-M198 KMMFETIPM	50	>PTEN-M198 KKMFFETIPMF	5355	5305
>PTEN-M198 KMMFETIPM	14	>PTEN-M198 KKMFFETIPM	8	6
>PTEN-M198 KMMFETIPM	4	>PTEN-M198 KKMFFETIPMF	3	1
>PTEN-M198 KMMFETIPM	59	>PTEN-M198 KKMFFETIPMF	5398	5339
>PTEN-M198 KMMFETIPM	347	>PTEN-M198 KKMFFETIPM	6105	5758
>PTEN-M198 KMMFETIPM	57	>PTEN-M198 KKMFFETIPMF	9536	9479
>PTEN-M198 YRPVALLFHK	60	>PTEN-M198 YRPVALLFHK	64	4
>PTEN-M198 YRPVALLFHK	120	>PTEN-M198 YRPVALLFHK	15638	15518

>PTEN-M198 YRPVALLFHK	338	>PTEN-M198 YRPVALLFHK	457	119
>PTEN-M198 HKMMMFETI	31	>PTEN-M198 HKMMMFETI	77	46
>PTEN-M198 HKMMMFETIP	379	>PTEN-M198 HKMMMFETIP	852	473
>PTEN-M198 HKMMMFETIPI	7	>PTEN-M198 HKMMMFETIPI	14	7
>PTEN-M198 HKMMMFETIPI	3	>PTEN-M198 HKMMMFETIPI	4	1
>PTEN-M198 HKMMMFETIPI	41	>PTEN-M198 HKMMMFETIPI	5215	5174
>PTEN-M198 FHKMMMFETI	93	>PTEN-M198 FHKMMMFETI	78	15
>PTEN-M198 FHKMMMFETI	346	>PTEN-M198 FHKMMMFETI	756	410
>PTEN-M198 FHKMMMFETI	428	>PTEN-M198 FHKMMMFETI	587	159
>PTEN-M198 FHKMMMFETI	428	>PTEN-M198 FHKMMMFETI	436	8
>PTEN-M198 FHKMMMFETIF	87	>PTEN-M198 FHKMMMFETIF	94	7
>PTEN-M198 LFHKMMMFET	58	>PTEN-M198 LFHKMMMFET	514	456
>PTEN-M198 LFHKMMMFET	18	>PTEN-M198 LFHKMMMFET	20	2
>PTEN-M198 LLFHKMMMFE'	234	>PTEN-M198 LLFHKMMMFE'	846	612
>PTEN-M198 LLFHKMMMFE'	35	>PTEN-M198 LLFHKMMMFE'	104	69
>PTEN-M198 LLFHKMMMFE'	239	>PTEN-M198 LLFHKMMMFE'	785	546
>PTEN-M198 LLFHKMMMFE'	45	>PTEN-M198 LLFHKMMMFE'	91	46
>PTEN-M198 LLFHKMMMFE'	252	>PTEN-M198 LLFHKMMMFE'	490	238
>PTEN-M198 LLFHKMMMFE'	14	>PTEN-M198 LLFHKMMMFE'	33	19
>PTEN-M198 LLFHKMMMFE'	82	>PTEN-M198 LLFHKMMMFE'	232	150
>PTEN-M198 LLFHKMMMFE'	57	>PTEN-M198 LLFHKMMMFE'	79	22
>PTEN-M198 LLFHKMMMFE'	5	>PTEN-M198 LLFHKMMMFE'	7	2
>PTEN-M198 LLFHKMMMFE'	15	>PTEN-M198 LLFHKMMMFE'	21	6
>PTEN-M198 LLFHKMMMFE'	206	>PTEN-M198 LLFHKMMMFE'	355	149
>PTEN-M198 LLFHKMMMFE'	29	>PTEN-M198 LLFHKMMMFE'	39	10
>PTEN-M198 LLFHKMMMFE'	20	>PTEN-M198 LLFHKMMMFE'	28	8
>PTEN-M198 LLFHKMMMFE'	8	>PTEN-M198 LLFHKMMMFE'	10	2
>PTEN-M198 LLFHKMMMFE'	71	>PTEN-M198 LLFHKMMMFE'	105	34
>PTEN-M198 LLFHKMMMFE'	384	>PTEN-M198 LLFHKMMMFE'	263	121
>PTEN-M198 LLFHKMMMF	57	>PTEN-M198 LLFHKMMMF	110	53
>PTEN-M198 LLFHKMMMFE'	493	>PTEN-M198 LLFHKMMMFE'	827	334
>PTEN-M198 LLFHKMMMF	412	>PTEN-M198 LLFHKMMMF	434	22
>PTEN-M198 LLFHKMMMF	8	>PTEN-M198 LLFHKMMMF	12	4
>PTEN-M198 LLFHKMMMFE'	162	>PTEN-M198 LLFHKMMMFE'	207	45
>PTEN-M198 LLFHKMMMF	200	>PTEN-M198 LLFHKMMMF	522	322
>PTEN-M198 ALLFHKKMMFE	206	>PTEN-M198 ALLFHKKMMFE	410	204
>PTEN-M198 ALLFHKKMM	88	>PTEN-M198 ALLFHKKMM	260	172
>PTEN-M198 ALLFHKKMMF	106	>PTEN-M198 ALLFHKKMMF	152	46
>PTEN-M198 ALLFHKKMMF	392	>PTEN-M198 ALLFHKKMMF	740	348
>PTEN-M198 ALLFHKKMM	431	>PTEN-M198 ALLFHKKMM	679	248
>PTEN-M198 ALLFHKKMMF	54	>PTEN-M198 ALLFHKKMMF	166	112
>PTEN-M198 ALLFHKKMMF	379	>PTEN-M198 ALLFHKKMMF	1364	985
>PTEN-M198 ALLFHKKMMF	37	>PTEN-M198 ALLFHKKMMF	79	42



>PTEN-M198 VALLFHKM	32	>PTEN-M198 VALLFHKK	5977	5945
>PTEN-M198 VALLFHKMM	40	>PTEN-M198 VALLFHKKM	44	4
>PTEN-M198 VALLFHKM	21585	>PTEN-M198 VALLFHKK	41	21544
>PTEN-M198 VALLFHKMM	63	>PTEN-M198 VALLFHKKMF	122	59
>PTEN-M198 VALLFHKM	114	>PTEN-M198 VALLFHKK	18943	18829
>PTEN-M198 VALLFHKMM	56	>PTEN-M198 VALLFHKKM	46	10
>PTEN-M198 VALLFHKMM	30	>PTEN-M198 VALLFHKKMF	24	6
>PTEN-M198 VALLFHKMM	108	>PTEN-M198 VALLFHKKM	472	364
>PTEN-M198 VALLFHKMM	371	>PTEN-M198 VALLFHKKMF	1211	840
>PTEN-M198 PVALLFHKM	26174	>PTEN-M198 PVALLFHKK	164	26010
>PTEN-M198 RPVALLFHKN	17	>PTEN-M198 RPVALLFHKK	29259	29242
>PTEN-M198 RPVALLFHKN	289	>PTEN-M198 RPVALLFHKK	214	75
>PTEN-M198 RPVALLFHKN	88	>PTEN-M198 RPVALLFHKK	4134	4046
>PTEN-M198 RPVALLFHKN	42	>PTEN-M198 RPVALLFHKK	80	38
>PTEN-M198 RPVALLFHKN	252	>PTEN-M198 RPVALLFHKK	409	157
>PTEN-M198 RPVALLFHKN	358	>PTEN-M198 RPVALLFHKK	1204	846
>PTEN-M198 RPVALLFHKN	295	>PTEN-M198 RPVALLFHKK	11833	11538
>PTEN-M198 RPVALLFHKN	11909	>PTEN-M198 RPVALLFHKK	297	11612
>PTEN-M1T-1MTAIKEI	121	>PTEN-M1T-1TTAIKEI	1444	1323
>PTEN-M1T-1MTAIKEIV	86	>PTEN-M1T-1TTAIKEIV	891	805
>PTEN-M1T-1MTAIKEIVSR	373	>PTEN-M1T-1TTAIKEIVSR	498	125
>PTEN-M1T-1MTAIKEIVSR	22	>PTEN-M1T-1TTAIKEIVSR	77	55
>PTEN-M1T-1MTAIKEIVSR	145	>PTEN-M1T-1TTAIKEIVSR	369	224
>PTEN-M1T-1MTAIKEIVSR	2	>PTEN-M1T-1TTAIKEIVSR	4	2
>PTEN-M1T-1MTAIKEI	6	>PTEN-M1T-1TTAIKEI	9	3
>PTEN-M1T-1MTAIKEIV	5	>PTEN-M1T-1TTAIKEIV	7	2
>PTEN-M1T-1MTAIKEI	286	>PTEN-M1T-1TTAIKEI	512	226
>PTEN-M1T-1MTAIKEIV	129	>PTEN-M1T-1TTAIKEIV	225	96
>PTEN-M1T-1MTAIKEI	94	>PTEN-M1T-1TTAIKEI	931	837
>PTEN-M1T-1MTAIKEIV	155	>PTEN-M1T-1TTAIKEIV	510	355
>PTEN-M1T-1MTAIKEIVSR	684	>PTEN-M1T-1TTAIKEIVSR	404	280
>PTEN-M1T-1MTAIKEIVSR	379	>PTEN-M1T-1TTAIKEIVSR	857	478
>PTEN-M1T-1MTAIKEI	29	>PTEN-M1T-1TTAIKEI	63	34
>PTEN-M205 MFSGGTCNP	107	>PTEN-M205 IFSGGTCNPQ	148	41
>PTEN-M205 MFSGGTCNP	1215	>PTEN-M205 IFSGGTCNPQ	420	795
>PTEN-M205 MFSGGTCNP	11	>PTEN-M205 IFSGGTCNPQ	34	23
>PTEN-M205 MFSGGTCNP	107	>PTEN-M205 IFSGGTCNPQ	317	210
>PTEN-M205 MFSGGTCNP	130	>PTEN-M205 IFSGGTCNPQ	1621	1491
>PTEN-M205 PMFSGGTC	355	>PTEN-M205 PIFSGGTC	8231	7876
>PTEN-M205 FHKMMFETIF	6283	>PTEN-M205 FHKMMFETIF	430	5853
>PTEN-M205 FHKMMFETIF	87	>PTEN-M205 FHKMMFETIF	295	208
>PTEN-M205 IPMFSGGTC	404	>PTEN-M205 IPIFSGGTC	1804	1400
>PTEN-M205 ETIPMFSGGT	269	>PTEN-M205 ETIPIFSGGT	328	59

>PTEN-M205 ETIPMFSG	113	>PTEN-M205 ETIPIFSG	43	70
>PTEN-M205 ETIPMFSGG	129	>PTEN-M205 ETIPIFSGG	25	104
>PTEN-M205 ETIPMFSGGT	70	>PTEN-M205 ETIPIFSGGT	71	1
>PTEN-M205 ETIPMFSGGT	545	>PTEN-M205 ETIPIFSGGTC	166	379
>PTEN-M205 ETIPMFSGGT	173	>PTEN-M205 ETIPIFSGGT	78	95
>PTEN-M205 FETIPMFSGG	483	>PTEN-M205 FETIPIFSGGT	401	82
>PTEN-M205 MFETIPMF	43	>PTEN-M205 MFETIPIF	68	25
>PTEN-M205 MFETIPMF	23	>PTEN-M205 MFETIPIF	100	77
>PTEN-M205 MMFETIPM	270	>PTEN-M205 MMFETIPI	696	426
>PTEN-M205 MMFETIPMF	183	>PTEN-M205 MMFETIPIF	288	105
>PTEN-M205 MMFETIPM	8	>PTEN-M205 MMFETIPI	7	1
>PTEN-M205 MMFETIPMF	34	>PTEN-M205 MMFETIPIF	66	32
>PTEN-M205 MMFETIPMF	57	>PTEN-M205 MMFETIPIFS	79	22
>PTEN-M205 MMFETIPMF	136	>PTEN-M205 MMFETIPIFS	128	8
>PTEN-M205 MMFETIPM	8	>PTEN-M205 MMFETIPI	4	4
>PTEN-M205 MMFETIPMF	148	>PTEN-M205 MMFETIPIF	219	71
>PTEN-M205 MMFETIPMF	64	>PTEN-M205 MMFETIPIFS	141	77
>PTEN-M205 MMFETIPMF	99	>PTEN-M205 MMFETIPIFS	95	4
>PTEN-M205 MMFETIPM	10	>PTEN-M205 MMFETIPI	3	7
>PTEN-M205 MMFETIPMF	137	>PTEN-M205 MMFETIPIF	174	37
>PTEN-M205 MMFETIPMF	142	>PTEN-M205 MMFETIPIFS	315	173
>PTEN-M205 MMFETIPMF	195	>PTEN-M205 MMFETIPIFS	191	4
>PTEN-M205 MMFETIPM	12	>PTEN-M205 MMFETIPI	5	7
>PTEN-M205 MMFETIPMF	21	>PTEN-M205 MMFETIPIF	25	4
>PTEN-M205 MMFETIPMF	384	>PTEN-M205 MMFETIPIFS	610	226
>PTEN-M205 MMFETIPMF	155	>PTEN-M205 MMFETIPIFS	183	28
>PTEN-M205 MMFETIPM	2	>PTEN-M205 MMFETIPI	1	1
>PTEN-M205 MMFETIPMF	2	>PTEN-M205 MMFETIPIF	5	3
>PTEN-M205 MMFETIPMF	4	>PTEN-M205 MMFETIPIFS	5	1
>PTEN-M205 MMFETIPMF	7	>PTEN-M205 MMFETIPIFS	5	2
>PTEN-M205 MMFETIPM	7	>PTEN-M205 MMFETIPI	3	4
>PTEN-M205 MMFETIPMF	334	>PTEN-M205 MMFETIPIF	260	74
>PTEN-M205 MMFETIPMF	217	>PTEN-M205 MMFETIPIFS	210	7
>PTEN-M205 MMFETIPMF	300	>PTEN-M205 MMFETIPIFS	216	84
>PTEN-M205 MMFETIPM	11	>PTEN-M205 MMFETIPI	5	6
>PTEN-M205 MMFETIPMF	52	>PTEN-M205 MMFETIPIF	140	88
>PTEN-M205 MMFETIPMF	44	>PTEN-M205 MMFETIPIFS	45	1
>PTEN-M205 MMFETIPMF	186	>PTEN-M205 MMFETIPIFS	120	66
>PTEN-M205 MMFETIPM	16	>PTEN-M205 MMFETIPI	6	10
>PTEN-M205 MMFETIPM	5	>PTEN-M205 MMFETIPI	3	2
>PTEN-M205 MMFETIPMF	24	>PTEN-M205 MMFETIPIF	52	28
>PTEN-M205 MMFETIPMF	38	>PTEN-M205 MMFETIPIFS	60	22
>PTEN-M205 MMFETIPMF	100	>PTEN-M205 MMFETIPIFS	46	54

>PTEN-M205 MMFETIPMF	60	>PTEN-M205 MMFETIPIF	94	34
>PTEN-M205 MMFETIPMF	50	>PTEN-M205 MMFETIPIF	246	196
>PTEN-M205 MMFETIPM	472	>PTEN-M205 MMFETIPI	2530	2058
>PTEN-M205 MMFETIPMF	61	>PTEN-M205 MMFETIPIF	205	144
>PTEN-M205 MMFETIPM	391	>PTEN-M205 MMFETIPI	129	262
>PTEN-M205 MMFETIPMF	468	>PTEN-M205 MMFETIPIFS	628	160
>PTEN-M205 MMFETIPM	88	>PTEN-M205 MMFETIPI	11	77
>PTEN-M205 MMFETIPMF	76	>PTEN-M205 MMFETIPIF	69	7
>PTEN-M205 MMFETIPM	816	>PTEN-M205 MMFETIPI	71	745
>PTEN-M205 MMFETIPM	27	>PTEN-M205 MMFETIPI	14	13
>PTEN-M205 MMFETIPM	28	>PTEN-M205 MMFETIPI	109	81
>PTEN-M205 MMFETIPMF	29	>PTEN-M205 MMFETIPIF	30	1
>PTEN-M205 MMFETIPMF	380	>PTEN-M205 MMFETIPIFS	339	41
>PTEN-M205 MMFETIPM	111	>PTEN-M205 MMFETIPI	977	866
>PTEN-M205 MMFETIPMF	86	>PTEN-M205 MMFETIPIF	80	6
>PTEN-M205 MMFETIPM	4	>PTEN-M205 MMFETIPI	8	4
>PTEN-M205 MMFETIPMF	2	>PTEN-M205 MMFETIPIF	2	0
>PTEN-M205 MMFETIPMF	283	>PTEN-M205 MMFETIPIFS	539	256
>PTEN-M205 MMFETIPM	163	>PTEN-M205 MMFETIPI	743	580
>PTEN-M205 MMFETIPMF	21	>PTEN-M205 MMFETIPIF	54	33
>PTEN-M205 MMFETIPM	16	>PTEN-M205 MMFETIPI	423	407
>PTEN-M205 MMFETIPMF	79	>PTEN-M205 MMFETIPIF	49	30
>PTEN-M205 MMFETIPM	35	>PTEN-M205 MMFETIPI	90	55
>PTEN-M205 MMFETIPMF	1206	>PTEN-M205 MMFETIPIF	290	916
>PTEN-M205 MMFETIPMF	82	>PTEN-M205 MMFETIPIF	41	41
>PTEN-M205 MMFETIPM	1688	>PTEN-M205 MMFETIPI	263	1425
>PTEN-M205 MMFETIPMF	193	>PTEN-M205 MMFETIPIF	130	63
>PTEN-M205 MMFETIPM	5599	>PTEN-M205 MMFETIPI	114	5485
>PTEN-M205 KMMFETIPM	12	>PTEN-M205 KMMFETIPI	8	4
>PTEN-M205 KMMFETIPM	271	>PTEN-M205 KMMFETIPIF	396	125
>PTEN-M205 KMMFETIPM	121	>PTEN-M205 KMMFETIPIF	112	9
>PTEN-M205 KMMFETIPM	12	>PTEN-M205 KMMFETIPI	5	7
>PTEN-M205 KMMFETIPM	102	>PTEN-M205 KMMFETIPIF	124	22
>PTEN-M205 KMMFETIPM	31	>PTEN-M205 KMMFETIPI	5	26
>PTEN-M205 KMMFETIPM	184	>PTEN-M205 KMMFETIPIF	469	285
>PTEN-M205 KMMFETIPM	31	>PTEN-M205 KMMFETIPI	9	22
>PTEN-M205 KMMFETIPM	45	>PTEN-M205 KMMFETIPI	7	38
>PTEN-M205 KMMFETIPM	153	>PTEN-M205 KMMFETIPIF	786	633
>PTEN-M205 KMMFETIPM	474	>PTEN-M205 KMMFETIPIF	344	130
>PTEN-M205 KMMFETIPM	11	>PTEN-M205 KMMFETIPI	4	7
>PTEN-M205 KMMFETIPM	506	>PTEN-M205 KMMFETIPI	46	460
>PTEN-M205 KMMFETIPM	31	>PTEN-M205 KMMFETIPI	7	24
>PTEN-M205 KMMFETIPM	1166	>PTEN-M205 KMMFETIPI	126	1040

>PTEN-M205 KMMFETIPM	69	>PTEN-M205 KMMFETIPIF	246	177
>PTEN-M205 KMMFETIPM	184	>PTEN-M205 KMMFETIPI	69	115
>PTEN-M205 KMMFETIPM	350	>PTEN-M205 KMMFETIPIF	459	109
>PTEN-M205 KMMFETIPM	9	>PTEN-M205 KMMFETIPI	4	5
>PTEN-M205 KMMFETIPM	11	>PTEN-M205 KMMFETIPIF	10	1
>PTEN-M205 KMMFETIPM	47	>PTEN-M205 KMMFETIPI	271	224
>PTEN-M205 KMMFETIPM	50	>PTEN-M205 KMMFETIPIF	52	2
>PTEN-M205 KMMFETIPM	14	>PTEN-M205 KMMFETIPI	38	24
>PTEN-M205 KMMFETIPM	4	>PTEN-M205 KMMFETIPIF	4	0
>PTEN-M205 KMMFETIPM	59	>PTEN-M205 KMMFETIPIF	118	59
>PTEN-M205 KMMFETIPM	347	>PTEN-M205 KMMFETIPI	11552	11205
>PTEN-M205 KMMFETIPM	57	>PTEN-M205 KMMFETIPIF	34	23
>PTEN-M205 HKMMFETIPI	6169	>PTEN-M205 HKMMFETIPI	492	5677
>PTEN-M205 HKMMFETIPI	7	>PTEN-M205 HKMMFETIPI	16	9
>PTEN-M205 HKMMFETIPI	3	>PTEN-M205 HKMMFETIPI	3	0
>PTEN-M205 HKMMFETIPI	41	>PTEN-M205 HKMMFETIPI	115	74
>PTEN-M205 HKMMFETIPI	1271	>PTEN-M205 HKMMFETIPI	456	815
>PTEN-M35R MGFP AERLE	257	>PTEN-M35R RGFP AERLEG	2136	1879
>PTEN-M35R MGFP AERLE	186	>PTEN-M35R RGFP AERLEG	344	158
>PTEN-M35R MGFP AERLE	355	>PTEN-M35R RGFP AERLEG	735	380
>PTEN-M35R MGFP AERL	378	>PTEN-M35R RGFP AERL	15518	15140
>PTEN-M35R MGFP AERLE	46	>PTEN-M35R RGFP AERLEG	6032	5986
>PTEN-M35R MGFP AERL	258	>PTEN-M35R RGFP AERL	61	197
>PTEN-M35R MGFP AERL	767	>PTEN-M35R RGFP AERL	309	458
>PTEN-M35R AMGFP AERL	365	>PTEN-M35R ARGFP AERL	28035	27670
>PTEN-M35R AMGFP AERL	15	>PTEN-M35R ARGFP AERL	23419	23404
>PTEN-M35R AMGFP AERL	454	>PTEN-M35R ARGFP AERL	25510	25056
>PTEN-M35R AMGFP AERL	403	>PTEN-M35R ARGFP AERL	26065	25662
>PTEN-M35R AMGFP AERL	195	>PTEN-M35R ARGFP AERL	26630	26435
>PTEN-M35R AMGFP AERL	29	>PTEN-M35R ARGFP AERL	29492	29463
>PTEN-M35R AMGFP AER	75	>PTEN-M35R ARGFP AER	13929	13854
>PTEN-M35R AMGFP AERL	24524	>PTEN-M35R ARGFP AERL	457	24067
>PTEN-M35R LTYIYPNIIAM	69	>PTEN-M35R LTYIYPNIIAR	10597	10528
>PTEN-M35R LTYIYPNIIAM	239	>PTEN-M35R LTYIYPNIIAR	10815	10576
>PTEN-M35R LTYIYPNIIAM	14617	>PTEN-M35R LTYIYPNIIAR	473	14144
>PTEN-M35R LTYIYPNIIAM	12255	>PTEN-M35R LTYIYPNIIAR	120	12135
>PTEN-M35R LTYIYPNIIAM	320	>PTEN-M35R LTYIYPNIIAR	20331	20011
>PTEN-M35R LTYIYPNIIAM	8602	>PTEN-M35R LTYIYPNIIAR	15	8587
>PTEN-M35R LTYIYPNIIAM	18656	>PTEN-M35R LTYIYPNIIAR	171	18485
>PTEN-M35R LTYIYPNIIAM	9531	>PTEN-M35R LTYIYPNIIAR	14	9517
>PTEN-M35R LTYIYPNIIAM	326	>PTEN-M35R LTYIYPNIIAR	14683	14357
>PTEN-M35R LTYIYPNIIAM	368	>PTEN-M35R LTYIYPNIIAR	16104	15736
>PTEN-M35R LTYIYPNIIAM	98	>PTEN-M35R LTYIYPNIIAR	2183	2085

>PTEN-M35RLTYIYPNIIAM	5	>PTEN-M35RLTYIYPNIIAR	1875	1870
>PTEN-M35RLTYIYPNIIAM	134	>PTEN-M35RLTYIYPNIIAR	15438	15304
>PTEN-M35RLTYIYPNIIAM	111	>PTEN-M35RLTYIYPNIIAR	7489	7378
>PTEN-M35RLTYIYPNIIAM	74	>PTEN-M35RLTYIYPNIIAR	10034	9960
>PTEN-M35RLTYIYPNIIAM	2615	>PTEN-M35RLTYIYPNIIAR	144	2471
>PTEN-M35RLTYIYPNIIAM	26865	>PTEN-M35RLTYIYPNIIAR	372	26493
>PTEN-M35RLTYIYPNIIAM	147	>PTEN-M35RLTYIYPNIIAR	29629	29482
>PTEN-M35RIAMGFPAERL	65	>PTEN-M35RIARGFPAERL	2484	2419
>PTEN-M35RIAMGFPAERL	445	>PTEN-M35RIARGFPAERL	6417	5972
>PTEN-M35RIAMGFPAER	222	>PTEN-M35RIARGFPAER	14268	14046
>PTEN-M35RIAMGFPAER	8601	>PTEN-M35RIARGFPAER	179	8422
>PTEN-M35RIAMGFPAER	32	>PTEN-M35RIARGFPAER	44	12
>PTEN-M35RIAMGFPAER	58	>PTEN-M35RIARGFPAER	58	0
>PTEN-M35RIAMGFPAER	8	>PTEN-M35RIARGFPAER	131	123
>PTEN-M35RIAMGFPAERL	19	>PTEN-M35RIARGFPAERL	11	8
>PTEN-M35RIAMGFPAERL	332	>PTEN-M35RIARGFPAERL	376	44
>PTEN-M35RIAMGFPAERL	476	>PTEN-M35RIARGFPAERL	11037	10561
>PTEN-M35RIAMGFPAER	268	>PTEN-M35RIARGFPAER	775	507
>PTEN-M35RIIAMGFPA	369	>PTEN-M35RIIARGFPA	732	363
>PTEN-M35RIIAMGFPA	311	>PTEN-M35RIIARGFPA	448	137
>PTEN-M35RIIAMGFPAER	200	>PTEN-M35RIIARGFPAERL	265	65
>PTEN-M35RIIAMGFPA	65	>PTEN-M35RIIARGFPA	96	31
>PTEN-M35RIIAMGFPA	35	>PTEN-M35RIIARGFPA	26	9
>PTEN-M35RIIAMGFPAER	213	>PTEN-M35RIIARGFPAERL	260	47
>PTEN-M35RIIAMGFPAER	471	>PTEN-M35RIIARGFPAERL	491	20
>PTEN-M35RIIAMGFPA	206	>PTEN-M35RIIARGFPA	230	24
>PTEN-M35RIIAMGFPAER	73	>PTEN-M35RIIARGFPAERL	66	7
>PTEN-M35RIIAMGFPAER	83	>PTEN-M35RIIARGFPAER	97	14
>PTEN-M35RIIAMGFPAER	468	>PTEN-M35RIIARGFPAER	852	384
>PTEN-M35RIIAMGFPAER	12	>PTEN-M35RIIARGFPAER	37	25
>PTEN-M35RIIAMGFPAER	273	>PTEN-M35RIIARGFPAER	410	137
>PTEN-M35RNIIAMGFPA	391	>PTEN-M35RNIIARGFPA	800	409
>PTEN-M35RNIIAMGFPA	162	>PTEN-M35RNIIARGFPA	201	39
>PTEN-M35RNIIAMGFPA	32	>PTEN-M35RNIIARGFPA	27	5
>PTEN-M35RNIIAMGFPAE	150	>PTEN-M35RNIIARGFPAEF	118	32
>PTEN-M35RNIIAMGFPAE	115	>PTEN-M35RNIIARGFPAEF	62	53
>PTEN-M35RNIIAMGFPAE	8	>PTEN-M35RNIIARGFPAEF	15	7
>PTEN-M35RNIIAMGFPA	28	>PTEN-M35RNIIARGFPA	79	51
>PTEN-M35RNIIAMGFPA	154	>PTEN-M35RNIIARGFPA	485	331
>PTEN-M35RNIIAMGFPAE	235	>PTEN-M35RNIIARGFPAEF	226	9
>PTEN-M35RYPNIIAMGF	281	>PTEN-M35RYPNIIARGF	116	165
>PTEN-M35RYPNIIAMGF	91	>PTEN-M35RYPNIIARGFPA	62	29
>PTEN-M35RYPNIIAMGF	11	>PTEN-M35RYPNIIARGF	16	5

>PTEN-M35RYPNIIAMGFP	37	>PTEN-M35RYPNIIARGFPA	83	46
>PTEN-M35RYPNIIAMGF	82	>PTEN-M35RYPNIIARGF	441	359
>PTEN-M35RYPNIIAMG	328	>PTEN-M35RYPNIIARG	751	423
>PTEN-M35RYPNIIAMGFP	6	>PTEN-M35RYPNIIARGFPA	8	2
>PTEN-M35RYPNIIAMGF	102	>PTEN-M35RYPNIIARGF	238	136
>PTEN-M35RIYPNIIAMGF	80	>PTEN-M35RIYPNIIARGF	75	5
>PTEN-M35RIYPNIIAMGF	49	>PTEN-M35RIYPNIIARGF	68	19
>PTEN-M35RIYPNIIAM	32	>PTEN-M35RIYPNIIAR	796	764
>PTEN-M35RIYPNIIAMGF	4	>PTEN-M35RIYPNIIARGF	7	3
>PTEN-M35RIYPNIIAMGF	56	>PTEN-M35RIYPNIIARGF	115	59
>PTEN-M35RIYPNIIAM	16819	>PTEN-M35RIYPNIIAR	97	16722
>PTEN-M35RIYPNIIAM	22356	>PTEN-M35RIYPNIIAR	137	22219
>PTEN-M35RIYPNIIAM	288	>PTEN-M35RIYPNIIAR	22688	22400
>PTEN-M35RIYPNIIAMGF	408	>PTEN-M35RIYPNIIARGF	728	320
>PTEN-M35RIYPNIIAM	10777	>PTEN-M35RIYPNIIAR	24	10753
>PTEN-M35RYIYPNIIAM	226	>PTEN-M35RYIYPNIIAR	23685	23459
>PTEN-M35RYIYPNIIAM	163	>PTEN-M35RYIYPNIIAR	17031	16868
>PTEN-M35RYIYPNIIAM	35	>PTEN-M35RYIYPNIIAR	11797	11762
>PTEN-M35RYIYPNIIAM	172	>PTEN-M35RYIYPNIIAR	5184	5012
>PTEN-M35RYIYPNIIAM	29	>PTEN-M35RYIYPNIIAR	6744	6715
>PTEN-M35RYIYPNIIAMGF	464	>PTEN-M35RYIYPNIIARGF	1270	806
>PTEN-M35RYIYPNIIAM	8	>PTEN-M35RYIYPNIIAR	1571	1563
>PTEN-M35RYIYPNIIAMGF	31	>PTEN-M35RYIYPNIIARGF	111	80
>PTEN-M35RYIYPNIIAM	4	>PTEN-M35RYIYPNIIAR	352	348
>PTEN-M35RYIYPNIIAMG	49	>PTEN-M35RYIYPNIIARG	68	19
>PTEN-M35RYIYPNIIAMGF	73	>PTEN-M35RYIYPNIIARGF	155	82
>PTEN-M35RYIYPNIIAM	21	>PTEN-M35RYIYPNIIAR	8572	8551
>PTEN-M35RYIYPNIIAM	72	>PTEN-M35RYIYPNIIAR	11645	11573
>PTEN-M35RYIYPNIIAM	117	>PTEN-M35RYIYPNIIAR	22125	22008
>PTEN-M35RYIYPNIIAM	6	>PTEN-M35RYIYPNIIAR	1350	1344
>PTEN-M35RYIYPNIIAMG	737	>PTEN-M35RYIYPNIIARG	359	378
>PTEN-M35RYIYPNIIAMGF	338	>PTEN-M35RYIYPNIIARGF	1845	1507
>PTEN-M35RYIYPNIIAM	12999	>PTEN-M35RYIYPNIIAR	208	12791
>PTEN-M35RYIYPNIIAM	12491	>PTEN-M35RYIYPNIIAR	131	12360
>PTEN-M35RYIYPNIIAMGF	133	>PTEN-M35RYIYPNIIARGF	650	517
>PTEN-M35RYIYPNIIAM	108	>PTEN-M35RYIYPNIIAR	13177	13069
>PTEN-M35RYIYPNIIAMGF	214	>PTEN-M35RYIYPNIIARGF	367	153
>PTEN-M35RYIYPNIIAM	26	>PTEN-M35RYIYPNIIAR	12207	12181
>PTEN-M35RYIYPNIIAMGF	417	>PTEN-M35RYIYPNIIARGF	337	80
>PTEN-M35RYIYPNIIAMGF	92	>PTEN-M35RYIYPNIIARGF	312	220
>PTEN-M35RYIYPNIIAM	16917	>PTEN-M35RYIYPNIIAR	34	16883
>PTEN-M35RYIYPNIIAMGF	311	>PTEN-M35RYIYPNIIARGF	512	201
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>PTEN-M35RYIYPNIIAM	6709	>PTEN-M35RYIYPNIIAR	8	6701
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>PTEN-M35RYIYPNIIAM	69	>PTEN-M35RYIYPNIIAR	10796	10727
>PTEN-M35RYIYPNIIAMGF	63	>PTEN-M35RYIYPNIIARGF	92	29
>PTEN-M35RYIYPNIIAM	187	>PTEN-M35RYIYPNIIAR	7713	7526
>PTEN-M35RYIYPNIIAMGF	93	>PTEN-M35RYIYPNIIARGF	92	1
>PTEN-M35RYIYPNIIAM	35	>PTEN-M35RYIYPNIIAR	832	797
>PTEN-M35RYIYPNIIAMGF	16	>PTEN-M35RYIYPNIIARGF	34	18
>PTEN-M35RYIYPNIIAM	51	>PTEN-M35RYIYPNIIAR	14885	14834
>PTEN-M35RYIYPNIIAMGF	8	>PTEN-M35RYIYPNIIARGF	8	0
>PTEN-M35RYIYPNIIAM	22	>PTEN-M35RYIYPNIIAR	6729	6707
>PTEN-M35RYIYPNIIAMGF	173	>PTEN-M35RYIYPNIIARGF	293	120
>PTEN-M35RYIYPNIIAM	197	>PTEN-M35RYIYPNIIAR	13352	13155
>PTEN-M35RYIYPNIIAM	12763	>PTEN-M35RYIYPNIIAR	49	12714
>PTEN-M35RTYIYPNIIAM	317	>PTEN-M35RTYIYPNIIAR	4559	4242
>PTEN-M35RTYIYPNIIAM	36	>PTEN-M35RTYIYPNIIAR	8695	8659
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>PTEN-M35V MGFPAERLEC	257	>PTEN-M35V VGFPAERLEG	1921	1664
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>PTEN-M35V MGFPAERL	378	>PTEN-M35V VGFPAERL	11948	11570
>PTEN-M35V MGFPAERLEC	46	>PTEN-M35V VGFPAERLEG	3489	3443
>PTEN-M35V MGFPAERL	258	>PTEN-M35V VGFPAERL	537	279
>PTEN-M35V AMGFPAERL	365	>PTEN-M35V AVGFPAERL	6619	6254
>PTEN-M35V AMGFPAERL	15	>PTEN-M35V AVGFPAERL	2760	2745
>PTEN-M35V AMGFPAERL	454	>PTEN-M35V AVGFPAERL	11102	10648
>PTEN-M35V AMGFPAERL	403	>PTEN-M35V AVGFPAERL	12301	11898
>PTEN-M35V AMGFPAERL	195	>PTEN-M35V AVGFPAERL	12589	12394
>PTEN-M35V AMGFPAERL	29	>PTEN-M35V AVGFPAERL	3515	3486
>PTEN-M35V AMGFPAER	1050	>PTEN-M35V AVGFPAER	411	639
>PTEN-M35V AMGFPAER	75	>PTEN-M35V AVGFPAER	213	138
>PTEN-M35V AMGFPAER	1953	>PTEN-M35V AVGFPAER	387	1566
>PTEN-M35V LTYIYPNIIAM	69	>PTEN-M35V LTYIYPNIIAV	313	244
>PTEN-M35V LTYIYPNIIAM	3070	>PTEN-M35V LTYIYPNIIAV	133	2937
>PTEN-M35V LTYIYPNIIAM	1976	>PTEN-M35V LTYIYPNIIAV	262	1714
>PTEN-M35V LTYIYPNIIAM	2719	>PTEN-M35V LTYIYPNIIAV	41	2678
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>PTEN-M35V LTYIYPNIIAM	239	>PTEN-M35V LTYIYPNIIAV	5	234
>PTEN-M35V LTYIYPNIIAM	6314	>PTEN-M35V LTYIYPNIIAV	152	6162
>PTEN-M35V LTYIYPNIIAM	10703	>PTEN-M35V LTYIYPNIIAV	124	10579

>PTEN-M35V LTYIYPNIIAM	11627	>PTEN-M35V LTYIYPNIIAV	35	11592
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>PTEN-M35V LTYIYPNIIAM	2898	>PTEN-M35V LTYIYPNIIAV	78	2820
>PTEN-M35V LTYIYPNIIAM	326	>PTEN-M35V LTYIYPNIIAV	23	303
>PTEN-M35V LTYIYPNIIAM	368	>PTEN-M35V LTYIYPNIIAV	4007	3639
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>PTEN-M35V LTYIYPNIIAM	5	>PTEN-M35V LTYIYPNIIAV	63	58
>PTEN-M35V LTYIYPNIIAM	134	>PTEN-M35V LTYIYPNIIAV	9275	9141
>PTEN-M35V LTYIYPNIIAM	111	>PTEN-M35V LTYIYPNIIAV	359	248
>PTEN-M35V LTYIYPNIIAM	74	>PTEN-M35V LTYIYPNIIAV	1515	1441
>PTEN-M35V LTYIYPNIIAM	147	>PTEN-M35V LTYIYPNIIAV	380	233
>PTEN-M35V IAMGFPAERL	65	>PTEN-M35V IAVGFPAERL	621	556
>PTEN-M35V IAMGFPAERL	445	>PTEN-M35V IAVGFPAERL	1288	843
>PTEN-M35V IAMGFPAER	222	>PTEN-M35V IAVGFPAER	3941	3719
>PTEN-M35V IAMGFPAER	32	>PTEN-M35V IAVGFPAER	112	80
>PTEN-M35V IAMGFPAER	58	>PTEN-M35V IAVGFPAER	235	177
>PTEN-M35V IAMGFPAER	8	>PTEN-M35V IAVGFPAER	12	4
>PTEN-M35V IAMGFPAERL	19	>PTEN-M35V IAVGFPAERL	18	1
>PTEN-M35V IAMGFPAERL	332	>PTEN-M35V IAVGFPAERL	670	338
>PTEN-M35V IAMGFPAERL	476	>PTEN-M35V IAVGFPAERL	1224	748
>PTEN-M35V IAMGFPAER	268	>PTEN-M35V IAVGFPAER	320	52
>PTEN-M35V IIAMGFPA	369	>PTEN-M35V IIAVGFPA	566	197
>PTEN-M35V IIAMGFPA	311	>PTEN-M35V IIAVGFPA	303	8
>PTEN-M35V IIAMGFPAER	200	>PTEN-M35V IIAVGFPAERL	204	4
>PTEN-M35V IIAMGFPA	65	>PTEN-M35V IIAVGFPA	158	93
>PTEN-M35V IIAMGFPA	35	>PTEN-M35V IIAVGFPA	32	3
>PTEN-M35V IIAMGFPAER	213	>PTEN-M35V IIAVGFPAERL	223	10
>PTEN-M35V IIAMGFPAER	471	>PTEN-M35V IIAVGFPAERL	1031	560
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>PTEN-M35V IIAMGFPAER	73	>PTEN-M35V IIAVGFPAERL	144	71
>PTEN-M35V IIAMGFPAER	83	>PTEN-M35V IIAVGFPAER	178	95
>PTEN-M35V IIAMGFPAER	468	>PTEN-M35V IIAVGFPAER	1442	974
>PTEN-M35V IIAMGFPAER	12	>PTEN-M35V IIAVGFPAER	13	1
>PTEN-M35V IIAMGFPA	731	>PTEN-M35V IIAVGFPA	494	237
>PTEN-M35V IIAMGFPAER	273	>PTEN-M35V IIAVGFPAER	528	255
>PTEN-M35V NIIAMGFPA	550	>PTEN-M35V NIIAVGFPA	311	239
>PTEN-M35V NIIAMGFPA	391	>PTEN-M35V NIIAVGFPA	238	153
>PTEN-M35V NIIAMGFPA	162	>PTEN-M35V NIIAVGFPA	144	18
>PTEN-M35V NIIAMGFPA	32	>PTEN-M35V NIIAVGFPA	19	13
>PTEN-M35V NIIAMGFPAE	150	>PTEN-M35V NIIAVGFPAEF	152	2
>PTEN-M35V NIIAMGFPAE	115	>PTEN-M35V NIIAVGFPAEF	58	57
>PTEN-M35V NIIAMGFPAE	8	>PTEN-M35V NIIAVGFPAEF	7	1
>PTEN-M35V NIIAMGFPA	28	>PTEN-M35V NIIAVGFPA	12	16



>PTEN-M35V NIIAMGFPA	154	>PTEN-M35V NIIAVGFPA	65	89
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>PTEN-M35V YPNIIAMGF	281	>PTEN-M35V YPNIIAVGF	258	23
>PTEN-M35V YPNIIAMGFP	91	>PTEN-M35V YPNIIAVGFPA	105	14
>PTEN-M35V YPNIIAMG	766	>PTEN-M35V YPNIIAVG	263	503
>PTEN-M35V YPNIIAMGF	11	>PTEN-M35V YPNIIAVGF	9	2
>PTEN-M35V YPNIIAMGFP	37	>PTEN-M35V YPNIIAVGFPA	33	4
>PTEN-M35V YPNIIAMGF	82	>PTEN-M35V YPNIIAVGF	78	4
>PTEN-M35V YPNIIAMG	328	>PTEN-M35V YPNIIAVG	167	161
>PTEN-M35V YPNIIAMGFP	6	>PTEN-M35V YPNIIAVGFPA	6	0
>PTEN-M35V YPNIIAMGF	102	>PTEN-M35V YPNIIAVGF	57	45
>PTEN-M35V IYPNIIAM	9987	>PTEN-M35V IYPNIIAV	348	9639
>PTEN-M35V IYPNIIAM	23858	>PTEN-M35V IYPNIIAV	434	23424
>PTEN-M35V IYPNIIAMGF	80	>PTEN-M35V IYPNIIAVGF	72	8
>PTEN-M35V IYPNIIAMGF	49	>PTEN-M35V IYPNIIAVGF	50	1
>PTEN-M35V IYPNIIAM	32	>PTEN-M35V IYPNIIAV	72	40
>PTEN-M35V IYPNIIAMGF	4	>PTEN-M35V IYPNIIAVGF	5	1
>PTEN-M35V IYPNIIAMGF	56	>PTEN-M35V IYPNIIAVGF	74	18
>PTEN-M35V IYPNIIAM	288	>PTEN-M35V IYPNIIAV	2257	1969
>PTEN-M35V IYPNIIAMGF	408	>PTEN-M35V IYPNIIAVGF	415	7
>PTEN-M35V YIYPNIIAM	226	>PTEN-M35V YIYPNIIAV	871	645
>PTEN-M35V YIYPNIIAM	163	>PTEN-M35V YIYPNIIAV	855	692
>PTEN-M35V YIYPNIIAM	35	>PTEN-M35V YIYPNIIAV	8	27
>PTEN-M35V YIYPNIIAM	172	>PTEN-M35V YIYPNIIAV	12	160
>PTEN-M35V YIYPNIIAM	29	>PTEN-M35V YIYPNIIAV	3	26
>PTEN-M35V YIYPNIIAMGF	464	>PTEN-M35V YIYPNIIAVGF	857	393
>PTEN-M35V YIYPNIIAM	8	>PTEN-M35V YIYPNIIAV	3	5
>PTEN-M35V YIYPNIIAMGF	31	>PTEN-M35V YIYPNIIAVGF	28	3
>PTEN-M35V YIYPNIIAM	4	>PTEN-M35V YIYPNIIAV	1	3
>PTEN-M35V YIYPNIIAMG	49	>PTEN-M35V YIYPNIIAVG	104	55
>PTEN-M35V YIYPNIIAMGF	73	>PTEN-M35V YIYPNIIAVGF	60	13
>PTEN-M35V YIYPNIIAM	21	>PTEN-M35V YIYPNIIAV	2	19
>PTEN-M35V YIYPNIIAM	72	>PTEN-M35V YIYPNIIAV	4	68
>PTEN-M35V YIYPNIIAM	117	>PTEN-M35V YIYPNIIAV	5	112
>PTEN-M35V YIYPNIIAM	6	>PTEN-M35V YIYPNIIAV	1	5
>PTEN-M35V YIYPNIIAMGF	338	>PTEN-M35V YIYPNIIAVGF	404	66
>PTEN-M35V YIYPNIIAMGF	133	>PTEN-M35V YIYPNIIAVGF	212	79
>PTEN-M35V YIYPNIIAM	108	>PTEN-M35V YIYPNIIAV	4573	4465
>PTEN-M35V YIYPNIIAMGF	214	>PTEN-M35V YIYPNIIAVGF	511	297
>PTEN-M35V YIYPNIIAM	26	>PTEN-M35V YIYPNIIAV	3572	3546
>PTEN-M35V YIYPNIIAMGF	417	>PTEN-M35V YIYPNIIAVGF	354	63
>PTEN-M35V YIYPNIIAMGF	92	>PTEN-M35V YIYPNIIAVGF	155	63
>PTEN-M35V YIYPNIIAMGF	311	>PTEN-M35V YIYPNIIAVGF	140	171

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>PTEN-M35V YIYPNIIAM	40	>PTEN-M35V YIYPNIIAV	6	34
>PTEN-M35V YIYPNIIAM	69	>PTEN-M35V YIYPNIIAV	701	632
>PTEN-M35V YIYPNIIAMGF	63	>PTEN-M35V YIYPNIIAVGF	70	7
>PTEN-M35V YIYPNIIAM	187	>PTEN-M35V YIYPNIIAV	1129	942
>PTEN-M35V YIYPNIIAMGF	93	>PTEN-M35V YIYPNIIAVGF	107	14
>PTEN-M35V YIYPNIIAM	35	>PTEN-M35V YIYPNIIAV	143	108
>PTEN-M35V YIYPNIIAMGF	16	>PTEN-M35V YIYPNIIAVGF	17	1
>PTEN-M35V YIYPNIIAM	51	>PTEN-M35V YIYPNIIAV	1399	1348
>PTEN-M35V YIYPNIIAMGF	8	>PTEN-M35V YIYPNIIAVGF	7	1
>PTEN-M35V YIYPNIIAM	22	>PTEN-M35V YIYPNIIAV	1756	1734
>PTEN-M35V YIYPNIIAMGF	173	>PTEN-M35V YIYPNIIAVGF	128	45
>PTEN-M35V YIYPNIIAM	197	>PTEN-M35V YIYPNIIAV	767	570
>PTEN-M35V TYIYPNIIAM	317	>PTEN-M35V TYIYPNIIAV	705	388
>PTEN-M35V TYIYPNIIAM	36	>PTEN-M35V TYIYPNIIAV	3539	3503
>PTEN-M35V TYIYPNIIAM	641	>PTEN-M35V TYIYPNIIAV	157	484
>PTEN-N184 NHLDYRPV	6001	>PTEN-N184 IHLDYRPV	109	5892
>PTEN-N184 NHLDYRPVAL	2479	>PTEN-N184 IHLDYRPVALI	179	2300
>PTEN-N184 NHLDYRPV	4477	>PTEN-N184 IHLDYRPV	456	4021
>PTEN-N184 NHLDYRPVAL	853	>PTEN-N184 IHLDYRPVAL	82	771
>PTEN-N184 NHLDYRPVAL	321	>PTEN-N184 IHLDYRPVAL	1177	856
>PTEN-N184 NHLDYRPV	235	>PTEN-N184 IHLDYRPV	2730	2495
>PTEN-N184 NHLDYRPVAL	7	>PTEN-N184 IHLDYRPVAL	19	12
>PTEN-N184 NHLDYRPVAL	17	>PTEN-N184 IHLDYRPVALI	108	91
>PTEN-N184 KNHLDYRPV	11186	>PTEN-N184 KIHLDYRPV	83	11103
>PTEN-N184 KNHLDYRPV	19223	>PTEN-N184 KIHLDYRPV	329	18894
>PTEN-N184 KNHLDYRPV	898	>PTEN-N184 KIHLDYRPV	46	852
>PTEN-N184 KNHLDYRPV/	282	>PTEN-N184 KIHLDYRPVA	25	257
>PTEN-N184 KNHLDYRPV/	1646	>PTEN-N184 KIHLDYRPVA	107	1539
>PTEN-N184 KNHLDYRPV/	2688	>PTEN-N184 KIHLDYRPVA	109	2579
>PTEN-N184 YVYYYSYLLKN	4714	>PTEN-N184 YVYYYSYLLKI	105	4609
>PTEN-N184 YVYYYSYLLKN	9367	>PTEN-N184 YVYYYSYLLKI	11	9356
>PTEN-N184 YVYYYSYLLKN	6313	>PTEN-N184 YVYYYSYLLKI	22	6291
>PTEN-N184 YVYYYSYLLKN	7120	>PTEN-N184 YVYYYSYLLKI	15	7105
>PTEN-N184 YVYYYSYLLKN	4828	>PTEN-N184 YVYYYSYLLKI	18	4810
>PTEN-N184 YVYYYSYLLKN	5268	>PTEN-N184 YVYYYSYLLKI	14	5254
>PTEN-N184 YVYYYSYLLKN	16918	>PTEN-N184 YVYYYSYLLKI	99	16819
>PTEN-N184 YVYYYSYLLKN	19054	>PTEN-N184 YVYYYSYLLKI	135	18919
>PTEN-N184 YVYYYSYLLKN	19655	>PTEN-N184 YVYYYSYLLKI	111	19544
>PTEN-N184 YVYYYSYLLKN	632	>PTEN-N184 YVYYYSYLLKI	155	477
>PTEN-N184 YVYYYSYLLKN	10512	>PTEN-N184 YVYYYSYLLKI	109	10403
>PTEN-N184 YVYYYSYLLKN	8693	>PTEN-N184 YVYYYSYLLKI	82	8611
>PTEN-N184 YVYYYSYLLKN	8644	>PTEN-N184 YVYYYSYLLKI	23	8621

>PTEN-N184 YVYYYYSYLLKN	9602	>PTEN-N184 YVYYYYSYLLKI	436	9166
>PTEN-N184 YVYYYYSYLLKN	9081	>PTEN-N184 YVYYYYSYLLKI	97	8984
>PTEN-N184 YVYYYYSYLLKN	3273	>PTEN-N184 YVYYYYSYLLKI	228	3045
>PTEN-N184 YVYYYYSYLLKN	38048	>PTEN-N184 YVYYYYSYLLKI	120	37928
>PTEN-N184 LKNHLDYRPV	111	>PTEN-N184 LKIHLDYRPV	62	49
>PTEN-N184 LKNHLDYRPV	686	>PTEN-N184 LKIHLDYRPV/	397	289
>PTEN-N184 LKNHLDYR	860	>PTEN-N184 LKIHLDYR	461	399
>PTEN-N184 LLKNHLDYRP	79	>PTEN-N184 LLKIHLDYRPV	138	59
>PTEN-N184 LLKNHLDYRP	4	>PTEN-N184 LLKIHLDYRPV	6	2
>PTEN-N184 LLKNHLDYRP	278	>PTEN-N184 LLKIHLDYRPV	448	170
>PTEN-N184 LLKNHLDYRP	27	>PTEN-N184 LLKIHLDYRPV	46	19
>PTEN-N184 LLKNHLDYRP	36	>PTEN-N184 LLKIHLDYRPV	119	83
>PTEN-N184 LLKNHLDYRP	5	>PTEN-N184 LLKIHLDYRPV	6	1
>PTEN-N184 LLKNHLDY	63	>PTEN-N184 LLKIHLDY	57	6
>PTEN-N184 LLKNHLDY	443	>PTEN-N184 LLKIHLDY	442	1
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>PTEN-N184 LLKNHLDYR	347	>PTEN-N184 LLKIHLDYR	369	22
>PTEN-N184 LLKNHLDY	276	>PTEN-N184 LLKIHLDY	248	28
>PTEN-N184 LLKNHLDYRP	177	>PTEN-N184 LLKIHLDYRPV	133	44
>PTEN-N184 LLKNHLDY	57	>PTEN-N184 LLKIHLDY	92	35
>PTEN-N184 LLKNHLDY	248	>PTEN-N184 LLKIHLDY	606	358
>PTEN-N184 LLKNHLDY	179	>PTEN-N184 LLKIHLDY	642	463
>PTEN-N184 LLKNHLDYR	678	>PTEN-N184 LLKIHLDYR	406	272
>PTEN-N184 YLLKNHLD	1076	>PTEN-N184 YLLKIHL	495	581
>PTEN-N184 YLLKNHLDYR	262	>PTEN-N184 YLLKIHLDYR	353	91
>PTEN-N184 YLLKNHLDY	6	>PTEN-N184 YLLKIHLDY	5	1
>PTEN-N184 YLLKNHLDYR	202	>PTEN-N184 YLLKIHLDYR	149	53
>PTEN-N184 YLLKNHLDYR	558	>PTEN-N184 YLLKIHLDYR	448	110
>PTEN-N184 YLLKNHLDYR	171	>PTEN-N184 YLLKIHLDYR	91	80
>PTEN-N184 YLLKNHLDY	4	>PTEN-N184 YLLKIHLDY	3	1
>PTEN-N184 YLLKNHLDY	121	>PTEN-N184 YLLKIHLDY	196	75
>PTEN-N184 YLLKNHLDY	32	>PTEN-N184 YLLKIHLDY	70	38
>PTEN-N184 YLLKNHLDY	22	>PTEN-N184 YLLKIHLDY	47	25
>PTEN-N184 YLLKNHLDY	3389	>PTEN-N184 YLLKIHLDY	434	2955
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>PTEN-N184 YLLKNHLDYR	327	>PTEN-N184 YLLKIHLDYR	193	134
>PTEN-N184 YLLKNHLDYR	43	>PTEN-N184 YLLKIHLDYR	33	10
>PTEN-N184 SYLLKNHL	13	>PTEN-N184 SYLLKIHL	59	46
>PTEN-N184 SYLLKNHL	12	>PTEN-N184 SYLLKIHL	11	1
>PTEN-N184 SYLLKNHLDY	499	>PTEN-N184 SYLLKIHLDY	259	240
>PTEN-N184 SYLLKNHLDYI	709	>PTEN-N184 SYLLKIHLDYR	477	232
>PTEN-N184 SYLLKNHLDY	51	>PTEN-N184 SYLLKIHLDY	31	20
>PTEN-N184 SYLLKNHLDY	246	>PTEN-N184 SYLLKIHLDY	158	88

>PTEN-N184 SYLLKNHLDYI	15	>PTEN-N184 SYLLKIHLDYR	12	3
>PTEN-N184 SYLLKNHLDYI	82	>PTEN-N184 SYLLKIHLDYR	68	14
>PTEN-N184 SYLLKNHLDY	21	>PTEN-N184 SYLLKIHLDY	14	7
>PTEN-N184 SYLLKNHLDYI	15	>PTEN-N184 SYLLKIHLDYR	18	3
>PTEN-N184 SYLLKNHL	463	>PTEN-N184 SYLLKIHL	231	232
>PTEN-N184 YSYLLKNHL	16	>PTEN-N184 YSYLLKIHL	20	4
>PTEN-N184 YSYLLKNHLD'	125	>PTEN-N184 YSYLLKIHLDY	112	13
>PTEN-N184 YSYLLKNHLD'	15	>PTEN-N184 YSYLLKIHLDY	12	3
>PTEN-N184 YSYLLKNHLD'	71	>PTEN-N184 YSYLLKIHLDY	40	31
>PTEN-N184 YSYLLKNHLD'	164	>PTEN-N184 YSYLLKIHLDY	189	25
>PTEN-N184 YSYLLKNHLD'	47	>PTEN-N184 YSYLLKIHLDY	53	6
>PTEN-N184 YSYLLKNH	289	>PTEN-N184 YSYLLKIH	628	339
>PTEN-N184 YSYLLKNHL	52	>PTEN-N184 YSYLLKIHL	14	38
>PTEN-N184 YSYLLKNHLD'	5	>PTEN-N184 YSYLLKIHLDY	4	1
>PTEN-N184 YSYLLKNHLD'	315	>PTEN-N184 YSYLLKIHLDY	251	64
>PTEN-N184 YSYLLKNHL	143	>PTEN-N184 YSYLLKIHL	515	372
>PTEN-N184 YSYLLKNHLD'	58	>PTEN-N184 YSYLLKIHLDY	49	9
>PTEN-N184 YYSYLLKNHL	49	>PTEN-N184 YYSYLLKIHL	405	356
>PTEN-N184 YYSYLLKN	17757	>PTEN-N184 YYSYLLKI	131	17626
>PTEN-N184 YYSYLLKNHL	115	>PTEN-N184 YYSYLLKIHL	216	101
>PTEN-N184 YYSYLLKN	7002	>PTEN-N184 YYSYLLKI	72	6930
>PTEN-N184 YYSYLLKNHL	108	>PTEN-N184 YYSYLLKIHL	155	47
>PTEN-N184 YYSYLLKN	985	>PTEN-N184 YYSYLLKI	6	979
>PTEN-N184 YYSYLLKNHL	8	>PTEN-N184 YYSYLLKIHL	10	2
>PTEN-N184 YYSYLLKN	6646	>PTEN-N184 YYSYLLKI	266	6380
>PTEN-N184 YYSYLLKNHL	117	>PTEN-N184 YYSYLLKIHL	202	85
>PTEN-N184 YYSYLLKN	8721	>PTEN-N184 YYSYLLKI	294	8427
>PTEN-N184 YYSYLLKNHI	31	>PTEN-N184 YYSYLLKIHL	38	7
>PTEN-N184 YYSYLLKNHI	250	>PTEN-N184 YYSYLLKIHL	1651	1401
>PTEN-N184 YYSYLLKN	30798	>PTEN-N184 YYSYLLKI	442	30356
>PTEN-N184 YYSYLLKN	21972	>PTEN-N184 YYSYLLKI	347	21625
>PTEN-N184 YYSYLLKN	17435	>PTEN-N184 YYSYLLKI	150	17285
>PTEN-N184 YYSYLLKNHI	109	>PTEN-N184 YYSYLLKIHL	245	136
>PTEN-N184 YYSYLLKN	17476	>PTEN-N184 YYSYLLKI	246	17230
>PTEN-N184 YYSYLLKNHI	615	>PTEN-N184 YYSYLLKIHL	429	186
>PTEN-N184 YYSYLLKN	11636	>PTEN-N184 YYSYLLKI	90	11546
>PTEN-N184 YYSYLLKNHI	536	>PTEN-N184 YYSYLLKIHL	233	303
>PTEN-N184 YYSYLLKNHI	563	>PTEN-N184 YYSYLLKIHL	340	223
>PTEN-N184 YYSYLLKN	2223	>PTEN-N184 YYSYLLKI	13	2210
>PTEN-N184 YYSYLLKNHI	29	>PTEN-N184 YYSYLLKIHL	38	9
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>PTEN-N184 YYSYLLKNHI	147	>PTEN-N184 YYSYLLKIHL	175	28
>PTEN-N184 YYSYLLKN	315	>PTEN-N184 YYSYLLKI	4	311

>PTEN-N184 YYYSYLLKNHI	6	>PTEN-N184 YYYSYLLKIHL	7	1
>PTEN-N184 YYYSYLLKN	818	>PTEN-N184 YYYSYLLKI	187	631
>PTEN-N184 YYYSYLLKN	3054	>PTEN-N184 YYYSYLLKI	113	2941
>PTEN-N184 YYYSYLLKNHI	347	>PTEN-N184 YYYSYLLKIHL	290	57
>PTEN-N184 YYYSYLLKNHI	441	>PTEN-N184 YYYSYLLKIHL	633	192
>PTEN-N184 VYYYSYLLKN	2179	>PTEN-N184 VYYYSYLLKI	461	1718
>PTEN-N184 VYYYSYLLKN	19225	>PTEN-N184 VYYYSYLLKI	233	18992
>PTEN-N184 VYYYSYLLKN	7261	>PTEN-N184 VYYYSYLLKI	134	7127
>PTEN-N184 VYYYSYLLKN	3984	>PTEN-N184 VYYYSYLLKI	17	3967
>PTEN-N184 VYYYSYLLKN	7125	>PTEN-N184 VYYYSYLLKI	262	6863
>PTEN-N184 VYYYSYLLKN	12170	>PTEN-N184 VYYYSYLLKI	423	11747
>PTEN-N323 KEYLVLTLTKN	21226	>PTEN-N323 KEYLVLTLTCK	470	20756
>PTEN-N323 KEYLVLTLTKN	125	>PTEN-N323 KEYLVLTLTCK	124	1
>PTEN-N323 LTKNDLKD	81	>PTEN-N323 LTKKDLKD	74	7
>PTEN-N323 LTKNDLKDAN	55	>PTEN-N323 LTKKDLKDAN	49	6
>PTEN-N323 LTKNDLKDAN	446	>PTEN-N323 LTKKDLKDAN	586	140
>PTEN-N323 LTKNDLKDAN	335	>PTEN-N323 LTKKDLKDAN	408	73
>PTEN-N323 TLTKNDLDKA	242	>PTEN-N323 TLTKKDLDKA	548	306
>PTEN-N323 LTLTKNDLKD	313	>PTEN-N323 LTLTKKDLKD	283	30
>PTEN-N323 LTLTKNDLKD	62	>PTEN-N323 LTLTKKDLKD	68	6
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>PTEN-N323 VLTLTKNDL	69	>PTEN-N323 VLTLTKKDL	143	74
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>PTEN-N323 LVLTLTKN	24730	>PTEN-N323 LVLTLTKK	53	24677
>PTEN-N323 LVLTLTKN	15365	>PTEN-N323 LVLTLTKK	427	14938
>PTEN-N323 YLVLTLTKNDI	87	>PTEN-N323 YLVLTLTKKDL	327	240
>PTEN-N323 YLVLTLTKNDI	88	>PTEN-N323 YLVLTLTKKDL	188	100
>PTEN-N323 YLVLTLTKNDI	288	>PTEN-N323 YLVLTLTKKDL	748	460
>PTEN-N323 YLVLTLTKNDI	147	>PTEN-N323 YLVLTLTKKDL	199	52
>PTEN-N323 YLVLTLTKNDI	56	>PTEN-N323 YLVLTLTKKDL	202	146
>PTEN-N323 YLVLTLTKNDI	91	>PTEN-N323 YLVLTLTKKDL	233	142
>PTEN-N323 YLVLTLTKNDI	8	>PTEN-N323 YLVLTLTKKDL	12	4
>PTEN-N323 YLVLTLTKN	21090	>PTEN-N323 YLVLTLTCK	461	20629
>PTEN-N323 YLVLTLTKN	25480	>PTEN-N323 YLVLTLTCK	345	25135
>PTEN-N323 EYLVLTLTKN	13307	>PTEN-N323 EYLVLTLTCK	341	12966
>PTEN-N48D NNIDDVVR	972	>PTEN-N48D DNIDDVVR	116	856
>PTEN-N48D NNIDDVVRFL	3013	>PTEN-N48D DNIDDVVRFL	460	2553
>PTEN-N48D NNIDDVVR	192	>PTEN-N48D DNIDDVVR	177	15
>PTEN-N48D RNNIDDVVR	450	>PTEN-N48D RDNIDDVVR	1371	921
>PTEN-N48D RNNIDDVVR	474	>PTEN-N48D RDNIDDVVR	1644	1170
>PTEN-N48D RNNIDDVV	7040	>PTEN-N48D RDNIDDVV	139	6901
>PTEN-N48D YRNNIDDVVF	48	>PTEN-N48D YRDNIDDVVF	507	459
>PTEN-N48D YRNNIDDVVF	119	>PTEN-N48D YRDNIDDVVF	695	576

>PTEN-N48D VYRNNIDDV	4009	>PTEN-N48D VYRDNIDDV	340	3669
>PTEN-N48D VYRNNIDDV\	219	>PTEN-N48D VYRDNIDDV\	352	133
>PTEN-N48D VYRNNIDDV\	173	>PTEN-N48D VYRDNIDDV\	101	72
>PTEN-N48D GVYRNNIDDV\	225	>PTEN-N48D GVYRDNIDDV\	269	44
>PTEN-N48D GVYRNNIDDV\	86	>PTEN-N48D GVYRDNIDDV\	134	48
>PTEN-N48D GVYRNNIDDV\	103	>PTEN-N48D GVYRDNIDDV\	177	74
>PTEN-N48D GVYRNNIDDV\	106	>PTEN-N48D GVYRDNIDDV\	183	77
>PTEN-N48D GVYRNNIDDV\	113	>PTEN-N48D GVYRDNIDDV\	214	101
>PTEN-N48D GVYRNNIDDV\	97	>PTEN-N48D GVYRDNIDDV\	76	21
>PTEN-N48D GVYRNNIDDV\	100	>PTEN-N48D GVYRDNIDDV\	86	14
>PTEN-N48D GVYRNNIDDV\	36	>PTEN-N48D GVYRDNIDDV\	35	1
>PTEN-N48D GVYRNNIDDV\	78	>PTEN-N48D GVYRDNIDDV\	89	11
>PTEN-N48D LEGVYRNNI	15	>PTEN-N48D LEGVYRDNI	13	2
>PTEN-N48D LEGVYRNNI	457	>PTEN-N48D LEGVYRDNI	568	111
>PTEN-N48D LEGVYRNNI	40	>PTEN-N48D LEGVYRDNI	31	9
>PTEN-N48D RLEGVYRNNI	476	>PTEN-N48D RLEGVYRDNI	522	46
>PTEN-N48D RLEGVYRNNI	466	>PTEN-N48D RLEGVYRDNI	465	1
>PTEN-N48D RLEGVYRNNI	258	>PTEN-N48D RLEGVYRDNI	494	236
>PTEN-N48D RLEGVYRNNI	307	>PTEN-N48D RLEGVYRDNI	375	68
>PTEN-N48I- NNIDDVVR	192	>PTEN-N48I- INIDDVVR	402	210
>PTEN-N48I- NNIDDVVRF	2229	>PTEN-N48I- INIDDVVRF	252	1977
>PTEN-N48I- RNNIDDVVRFI	10831	>PTEN-N48I- RINIDDVVRFI	485	10346
>PTEN-N48I- RNNIDDVV	16833	>PTEN-N48I- RINIDDVV	235	16598
>PTEN-N48I- RNNIDDVVRFI	15227	>PTEN-N48I- RINIDDVVRFI	375	14852
>PTEN-N48I- RNNIDDVV	18413	>PTEN-N48I- RINIDDVV	302	18111
>PTEN-N48I- RNNIDDVV	26720	>PTEN-N48I- RINIDDVV	200	26520
>PTEN-N48I- RNNIDDVVR	837	>PTEN-N48I- RINIDDVVR	48	789
>PTEN-N48I- RNNIDDVVRFI	2826	>PTEN-N48I- RINIDDVVRFI	97	2729
>PTEN-N48I- RNNIDDVVRFI	2261	>PTEN-N48I- RINIDDVVRFI	271	1990
>PTEN-N48I- RNNIDDVVRFI	450	>PTEN-N48I- RINIDDVVRFI	435	15
>PTEN-N48I- RNNIDDVVRFI	4771	>PTEN-N48I- RINIDDVVRFI	211	4560
>PTEN-N48I- RNNIDDVVRFI	6606	>PTEN-N48I- RINIDDVVRFI	468	6138
>PTEN-N48I- RNNIDDVVR	474	>PTEN-N48I- RINIDDVVR	69	405
>PTEN-N48I- YRNNIDDVVF	48	>PTEN-N48I- YRINIDDVVRI	35	13
>PTEN-N48I- YRNNIDDVVF	1092	>PTEN-N48I- YRINIDDVVR	242	850
>PTEN-N48I- YRNNIDDVVF	119	>PTEN-N48I- YRINIDDVVRI	84	35
>PTEN-N48I- VYRNNIDDV\	219	>PTEN-N48I- VYRINIDDVVI	268	49
>PTEN-N48I- VYRNNIDDV\	173	>PTEN-N48I- VYRINIDDVVI	147	26
>PTEN-N48I- GVYRNNIDDV\	225	>PTEN-N48I- GVYRINIDDV	176	49
>PTEN-N48I- GVYRNNIDDV\	938	>PTEN-N48I- GVYRINIDDV	489	449
>PTEN-N48I- GVYRNNIDDV\	939	>PTEN-N48I- GVYRINIDDV	448	491
>PTEN-N48I- GVYRNNIDDV\	86	>PTEN-N48I- GVYRINIDDV	113	27
>PTEN-N48I- GVYRNNIDDV\	103	>PTEN-N48I- GVYRINIDDV	111	8

>PTEN-N48I-GVYRNNIDDA	106	>PTEN-N48I-GVYRINIDDV	341	235
>PTEN-N48I-GVYRNNIDDA	113	>PTEN-N48I-GVYRINIDDV	294	181
>PTEN-N48I-GVYRNNIDDA	97	>PTEN-N48I-GVYRINIDDV	65	32
>PTEN-N48I-GVYRNNIDDA	100	>PTEN-N48I-GVYRINIDDV	66	34
>PTEN-N48I-GVYRNNIDDA	36	>PTEN-N48I-GVYRINIDDV	50	14
>PTEN-N48I-GVYRNNIDDA	78	>PTEN-N48I-GVYRINIDDV	96	18
>PTEN-N48I-LEGVYRNNI	15	>PTEN-N48I-LEGVYRINI	26	11
>PTEN-N48I-LEGVYRNNI	457	>PTEN-N48I-LEGVYRINI	268	189
>PTEN-N48I-LEGVYRNNI	40	>PTEN-N48I-LEGVYRINI	38	2
>PTEN-N48I-RLEGVYRN	12097	>PTEN-N48I-RLEGVYRI	130	11967
>PTEN-N48I-RLEGVYRNNI	476	>PTEN-N48I-RLEGVYRINI	332	144
>PTEN-N48I-RLEGVYRN	5913	>PTEN-N48I-RLEGVYRI	17	5896
>PTEN-N48I-RLEGVYRNNI	466	>PTEN-N48I-RLEGVYRINI	241	225
>PTEN-N48I-RLEGVYRN	17523	>PTEN-N48I-RLEGVYRI	202	17321
>PTEN-N48I-RLEGVYRN	12583	>PTEN-N48I-RLEGVYRI	30	12553
>PTEN-N48I-RLEGVYRNNI	258	>PTEN-N48I-RLEGVYRINI	170	88
>PTEN-N48I-RLEGVYRN	7965	>PTEN-N48I-RLEGVYRI	72	7893
>PTEN-N48I-RLEGVYRNNI	307	>PTEN-N48I-RLEGVYRINI	221	86
>PTEN-N48I-ERLEGVYRN	5337	>PTEN-N48I-ERLEGVYRI	459	4878
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>PTEN-N48I-AERLEGVYRN	4677	>PTEN-N48I-AERLEGVYRI	489	4188
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>PTEN-N49T-NIDDVVRFL	171	>PTEN-N49T-TIDDVVRFL	162	9
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>PTEN-N49T-NIDDVVRFL	30	>PTEN-N49T-TIDDVVRFL	20	10
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>PTEN-N49T-NIDDVVRFL	324	>PTEN-N49T-TIDDVVRFL	413	89
>PTEN-N49T-NNIDDVVRFL	2199	>PTEN-N49T-NTIDDVVRFL	317	1882
>PTEN-N49T-NNIDDVVRFL	10154	>PTEN-N49T-NTIDDVVRFL	50	10104
>PTEN-N49T-NNIDDVVRFL	972	>PTEN-N49T-NTIDDVVRFL	4	968
>PTEN-N49T-NNIDDVVRFL	3013	>PTEN-N49T-NTIDDVVRFL	9	3004
>PTEN-N49T-NNIDDVVR	7443	>PTEN-N49T-NTIDDVVR	262	7181
>PTEN-N49T-NNIDDVVR	192	>PTEN-N49T-NTIDDVVR	6	186
>PTEN-N49T-NNIDDVVRFL	5650	>PTEN-N49T-NTIDDVVRFL	65	5585
>PTEN-N49T-NNIDDVVRFL	9652	>PTEN-N49T-NTIDDVVRFL	88	9564
>PTEN-N49T-NNIDDVVRFL	18624	>PTEN-N49T-NTIDDVVRFL	13	18611
>PTEN-N49T-NNIDDVVR	4036	>PTEN-N49T-NTIDDVVR	313	3723
>PTEN-N49T-AERLEGVYRN	1329	>PTEN-N49T-AERLEGVYRI	109	1220
>PTEN-N49T-AERLEGVYRN	450	>PTEN-N49T-RNTIDDVVR	921	471
>PTEN-N49T-RNNIDDVVR	474	>PTEN-N49T-RNTIDDVVR	366	108
>PTEN-N49T-YRNNIDDVVR	48	>PTEN-N49T-YRNTIDDVVR	53	5

>PTEN-N49T·YRNNIDDVVF	119	>PTEN-N49T·YRNTIDDVVR	164	45
>PTEN-N49T·VYRNNIDDV\	219	>PTEN-N49T·VYRNTIDDVV	162	57
>PTEN-N49T·VYRNNIDDV\	712	>PTEN-N49T·VYRNTIDDVV	409	303
>PTEN-N49T·VYRNNIDDV\	173	>PTEN-N49T·VYRNTIDDVV	196	23
>PTEN-N49T·GVYRNNIDDV\	225	>PTEN-N49T·GVYRNTIDDV	123	102
>PTEN-N49T·GVYRNNIDDV\	938	>PTEN-N49T·GVYRNTIDDV	421	517
>PTEN-N49T·GVYRNNIDDV\	86	>PTEN-N49T·GVYRNTIDDV	62	24
>PTEN-N49T·GVYRNNIDDV\	103	>PTEN-N49T·GVYRNTIDDV	92	11
>PTEN-N49T·GVYRNNIDDV\	106	>PTEN-N49T·GVYRNTIDDV	70	36
>PTEN-N49T·GVYRNNIDDV\	113	>PTEN-N49T·GVYRNTIDDV	71	42
>PTEN-N49T·GVYRNNIDDV\	97	>PTEN-N49T·GVYRNTIDDV	46	51
>PTEN-N49T·GVYRNNIDDV\	100	>PTEN-N49T·GVYRNTIDDV	68	32
>PTEN-N49T·GVYRNNIDDV\	36	>PTEN-N49T·GVYRNTIDDV	26	10
>PTEN-N49T·GVYRNNIDDV\	78	>PTEN-N49T·GVYRNTIDDV	61	17
>PTEN-N49T·LEGVYRNNI	15	>PTEN-N49T·LEGVYRNTI	12	3
>PTEN-N49T·LEGVYRNNI	457	>PTEN-N49T·LEGVYRNTI	483	26
>PTEN-N49T·LEGVYRNNI	40	>PTEN-N49T·LEGVYRNTI	44	4
>PTEN-N49T·RLEGVYRNNI	476	>PTEN-N49T·RLEGVYRNTI	236	240
>PTEN-N49T·RLEGVYRNNI	466	>PTEN-N49T·RLEGVYRNTI	182	284
>PTEN-N49T·RLEGVYRNNI	258	>PTEN-N49T·RLEGVYRNTI	108	150
>PTEN-N49T·RLEGVYRNNI	307	>PTEN-N49T·RLEGVYRNTI	53	254
>PTEN-N49T·ERLEGVYRNN	1427	>PTEN-N49T·ERLEGVYRNT	192	1235
>PTEN-N82T·NCRVAQYPF	697	>PTEN-N82T·TCRVAQYPF	442	255
>PTEN-N82T·FNCRVAQY	14915	>PTEN-N82T·FTCRVAQY	195	14720
>PTEN-N82T·FNCRVAQYPF	8228	>PTEN-N82T·FTCRVAQYPF	494	7734
>PTEN-N82T·FNCRVAQY	13609	>PTEN-N82T·FTCRVAQY	469	13140
>PTEN-N82T·FNCRVAQY	12716	>PTEN-N82T·FTCRVAQY	258	12458
>PTEN-N82T·FNCRVAQY	4975	>PTEN-N82T·FTCRVAQY	33	4942
>PTEN-N82T·FNCRVAQYPF	15126	>PTEN-N82T·FTCRVAQYPF	99	15027
>PTEN-N82T·FNCRVAQY	418	>PTEN-N82T·FTCRVAQY	43	375
>PTEN-N82T·FNCRVAQYPF	3439	>PTEN-N82T·FTCRVAQYPF	473	2966
>PTEN-N82T·FNCRVAQYPF	11087	>PTEN-N82T·FTCRVAQYPF	250	10837
>PTEN-N82T·FNCRVAQY	5355	>PTEN-N82T·FTCRVAQY	153	5202
>PTEN-N82T·FNCRVAQY	4940	>PTEN-N82T·FTCRVAQY	276	4664
>PTEN-N82T·FNCRVAQY	913	>PTEN-N82T·FTCRVAQY	177	736
>PTEN-N82T·FNCRVAQYPF	544	>PTEN-N82T·FTCRVAQYPF	114	430
>PTEN-N82T·FNCRVAQYPF	119	>PTEN-N82T·FTCRVAQYPF	73	46
>PTEN-N82T·FNCRVAQY	8672	>PTEN-N82T·FTCRVAQY	9	8663
>PTEN-N82T·FNCRVAQYPF	14868	>PTEN-N82T·FTCRVAQYPF	16	14852
>PTEN-N82T·FNCRVAQY	14507	>PTEN-N82T·FTCRVAQY	312	14195
>PTEN-N82T·FNCRVAQYPF	8564	>PTEN-N82T·FTCRVAQYPF	95	8469
>PTEN-N82T·FNCRVAQYPF	11494	>PTEN-N82T·FTCRVAQYPF	74	11420
>PTEN-N82T·AERHYDTAKF	2064	>PTEN-N82T·AERHYDTAKF	185	1879



>PTEN-N82T-AERHYDTAKF	864	>PTEN-N82T-AERHYDTAKF	85	779
>PTEN-N82T-KFNCRVAQYI	235	>PTEN-N82T-KFTCRVAQYF	176	59
>PTEN-N82T-KFNCRVAQYI	412	>PTEN-N82T-KFTCRVAQYF	297	115
>PTEN-N82T-KFNCRVAQYI	140	>PTEN-N82T-KFTCRVAQYF	66	74
>PTEN-N82T-KFNCRVAQY	167	>PTEN-N82T-KFTCRVAQY	146	21
>PTEN-N82T-KFNCRVAQY	377	>PTEN-N82T-KFTCRVAQY	2236	1859
>PTEN-N82T-KFNCRVAQYI	170	>PTEN-N82T-KFTCRVAQYF	812	642
>PTEN-N82T-KFNCRVAQYI	101	>PTEN-N82T-KFTCRVAQYF	306	205
>PTEN-N82T-KFNCRVAQYI	431	>PTEN-N82T-KFTCRVAQYF	4238	3807
>PTEN-N82T-KFNCRVAQYI	331	>PTEN-N82T-KFTCRVAQYF	624	293
>PTEN-N82T-KFNCRVAQY	131	>PTEN-N82T-KFTCRVAQY	132	1
>PTEN-N82T-AKFNCRVAQ'	381	>PTEN-N82T-AKFTCRVAQY	235	146
>PTEN-N82T-AKFNCRVAQ'	197	>PTEN-N82T-AKFTCRVAQY	295	98
>PTEN-N82T-AKFNCRVA	52	>PTEN-N82T-AKFTCRVA	49	3
>PTEN-N82T-AKFNCRVAQ	43	>PTEN-N82T-AKFTCRVAQ	42	1
>PTEN-N82T-AKFNCRVAQ'	3	>PTEN-N82T-AKFTCRVAQY	3	0
>PTEN-N82T-AKFNCRVAQ'	114	>PTEN-N82T-AKFTCRVAQY	124	10
>PTEN-N82T-TAKFNCRVAC	362	>PTEN-N82T-TAKFTCRVAC	266	96
>PTEN-N82T-TAKFNCRVAC	97	>PTEN-N82T-TAKFTCRVAC	69	28
>PTEN-N82T-TAKFNCRVAC	869	>PTEN-N82T-TAKFTCRVAC	284	585
>PTEN-N82T-DTAKFNCRV	1832	>PTEN-N82T-DTAKFTCRV	376	1456
>PTEN-N82T-DTAKFNCR	20	>PTEN-N82T-DTAKFTCR	17	3
>PTEN-N82T-DTAKFNCR	3	>PTEN-N82T-DTAKFTCR	3	0
>PTEN-N82T-DTAKFNCRV/	171	>PTEN-N82T-DTAKFTCRVA	152	19
>PTEN-N82T-DTAKFNCRV	12	>PTEN-N82T-DTAKFTCRV	9	3
>PTEN-N82T-DTAKFNCRV/	460	>PTEN-N82T-DTAKFTCRVA	217	243
>PTEN-N82T-DTAKFNCRV	7	>PTEN-N82T-DTAKFTCRV	5	2
>PTEN-N82T-DTAKFNCR	780	>PTEN-N82T-DTAKFTCR	461	319
>PTEN-N82T-YDTAKFNCRV	183	>PTEN-N82T-YDTAKFTCRV	120	63
>PTEN-N82T-HYDTAKFNCF	204	>PTEN-N82T-HYDTAKFTCR	214	10
>PTEN-N82T-HYDTAKFNCF	29	>PTEN-N82T-HYDTAKFTCR	29	0
>PTEN-N82T-RHYDTAKFNC	374	>PTEN-N82T-RHYDTAKFTC	219	155
>PTEN-N82T-RHYDTAKFNC	573	>PTEN-N82T-RHYDTAKFTC	403	170
>PTEN-N82T-RHYDTAKFNC	71	>PTEN-N82T-RHYDTAKFTC	71	0
>PTEN-N94I-NPPQLELIKPF	483	>PTEN-N94I-IPPQLELIKPF	517	34
>PTEN-N94I-NPPQLELIKPF	69	>PTEN-N94I-IPPQLELIKPF	59	10
>PTEN-N94I-NPPQLELI	1581	>PTEN-N94I-IPPQLELI	287	1294
>PTEN-N94I-NPPQLELI	628	>PTEN-N94I-IPPQLELI	374	254
>PTEN-N94I-HNPPQLELI	217	>PTEN-N94I-HIPPQLELI	2229	2012
>PTEN-N94I-HNPPQLELI	13094	>PTEN-N94I-HIPPQLELI	229	12865
>PTEN-N94I-HNPPQLELI	19937	>PTEN-N94I-HIPPQLELI	498	19439
>PTEN-N94I-HNPPQLELI	9950	>PTEN-N94I-HIPPQLELI	225	9725
>PTEN-N94I-HNPPQLEL	23929	>PTEN-N94I-HIPPQLEL	156	23773

>PTEN-N94I- HNPPQLELIK	15371	>PTEN-N94I- HIPPQLELIK	212	15159
>PTEN-N94I- HNPPQLELIK	10162	>PTEN-N94I- HIPPQLELIK	429	9733
>PTEN-N94I- HNPPQLEL	6547	>PTEN-N94I- HIPPQLEL	454	6093
>PTEN-N94I- HNPPQLELI	1774	>PTEN-N94I- HIPPQLELI	88	1686
>PTEN-N94I- RVAQYPFEDH	20463	>PTEN-N94I- RVAQYPFEDH	356	20107
>PTEN-N94I- RVAQYPFEDH	20619	>PTEN-N94I- RVAQYPFEDH	227	20392
>PTEN-N94I- RVAQYPFEDH	18233	>PTEN-N94I- RVAQYPFEDH	320	17913
>PTEN-N94I- RVAQYPFEDH	11899	>PTEN-N94I- RVAQYPFEDH	113	11786
>PTEN-N94I- RVAQYPFEDH	35718	>PTEN-N94I- RVAQYPFEDH	66	35652
>PTEN-N94I- DHNPPQLEL	248	>PTEN-N94I- DHIPPQLEL	348	100
>PTEN-N94I- EDHNPPQLEI	235	>PTEN-N94I- EDHIPPQLELI	126	109
>PTEN-N94I- FEDHNPPQL	1032	>PTEN-N94I- FEDHIPPQL	369	663
>PTEN-N94I- FEDHNPPQL	169	>PTEN-N94I- FEDHIPPQL	179	10
>PTEN-N94I- FEDHNPPQLE	275	>PTEN-N94I- FEDHIPPQLEI	284	9
>PTEN-N94I- FEDHNPPQL	116	>PTEN-N94I- FEDHIPPQL	51	65
>PTEN-N94I- FEDHNPPQLE	47	>PTEN-N94I- FEDHIPPQLEI	31	16
>PTEN-N94I- FEDHNPPQL	314	>PTEN-N94I- FEDHIPPQL	222	92
>PTEN-N94I- FEDHNPPQLE	186	>PTEN-N94I- FEDHIPPQLEI	149	37
>PTEN-N94I- FEDHNPPQL	128	>PTEN-N94I- FEDHIPPQL	70	58
>PTEN-N94I- FEDHNPPQLE	802	>PTEN-N94I- FEDHIPPQLEI	490	312
>PTEN-N94I- YPFEDHNPPC	43	>PTEN-N94I- YPFEDHIPPQ	26	17
>PTEN-N94I- YPFEDHNPPC	145	>PTEN-N94I- YPFEDHIPPQ	107	38
>PTEN-N94I- YPFEDHNPPC	145	>PTEN-N94I- YPFEDHIPPQ	198	53
>PTEN-N94I- YPFEDHNPP	1138	>PTEN-N94I- YPFEDHIP	368	770
>PTEN-N94I- YPFEDHNPP	145	>PTEN-N94I- YPFEDHIPP	71	74
>PTEN-N94I- YPFEDHNPPC	43	>PTEN-N94I- YPFEDHIPPQ	33	10
>PTEN-N94I- YPFEDHNPPC	22	>PTEN-N94I- YPFEDHIPPQ	20	2
>PTEN-N94I- YPFEDHNPPC	530	>PTEN-N94I- YPFEDHIPPQ	250	280
>PTEN-N94I- YPFEDHNPP	291	>PTEN-N94I- YPFEDHIPP	669	378
>PTEN-N94I- YPFEDHNPPC	638	>PTEN-N94I- YPFEDHIPPQ	350	288
>PTEN-N94I- QYPFEDHN	23828	>PTEN-N94I- QYPFEDHI	484	23344
>PTEN-N94I- QYPFEDHN	17988	>PTEN-N94I- QYPFEDHI	416	17572
>PTEN-N94I- QYPFEDHN	1093	>PTEN-N94I- QYPFEDHI	9	1084
>PTEN-N94I- AQYPFEDHN	13548	>PTEN-N94I- AQYPFEDHI	287	13261
>PTEN-N94I- AQYPFEDHN	35951	>PTEN-N94I- AQYPFEDHI	466	35485
>PTEN-N94I- AQYPFEDHN	20961	>PTEN-N94I- AQYPFEDHI	263	20698
>PTEN-N94I- AQYPFEDHN	7494	>PTEN-N94I- AQYPFEDHI	20	7474
>PTEN-N94I- AQYPFEDHN	19445	>PTEN-N94I- AQYPFEDHI	314	19131
>PTEN-N94I- AQYPFEDHN	2519	>PTEN-N94I- AQYPFEDHI	73	2446
>PTEN-N94I- AQYPFEDHNI	263	>PTEN-N94I- AQYPFEDHIP	254	9
>PTEN-N94I- AQYPFEDHN	31596	>PTEN-N94I- AQYPFEDHI	143	31453
>PTEN-N94Y- NPPQLELIKPF	483	>PTEN-N94Y- YPPQLELIKPF	770	287
>PTEN-N94Y- NPPQLELIKPF	1789	>PTEN-N94Y- YPPQLELIKPF	380	1409

>PTEN-N94Y-NPPQLELIKPF	69	>PTEN-N94Y-YPPQLELIKPF	14	55
>PTEN-N94Y-NPPQLELI	1581	>PTEN-N94Y-YPPQLELI	327	1254
>PTEN-N94Y-NPPQLELI	628	>PTEN-N94Y-YPPQLELI	316	312
>PTEN-N94Y-NPPQLELIKPF	8731	>PTEN-N94Y-YPPQLELIKPF	205	8526
>PTEN-N94Y-NPPQLELI	4394	>PTEN-N94Y-YPPQLELI	208	4186
>PTEN-N94Y-NPPQLELIKPF	1018	>PTEN-N94Y-YPPQLELIKPF	186	832
>PTEN-N94Y-NPPQLELIKPF	2370	>PTEN-N94Y-YPPQLELIKPF	429	1941
>PTEN-N94Y-HNPPQLELI	217	>PTEN-N94Y-HYPPQLELI	831	614
>PTEN-N94Y-HNPPQLELI	23921	>PTEN-N94Y-HYPPQLELI	269	23652
>PTEN-N94Y-HNPPQLELI	9748	>PTEN-N94Y-HYPPQLELI	58	9690
>PTEN-N94Y-HNPPQLEL	9578	>PTEN-N94Y-HYPPQLEL	4	9574
>PTEN-N94Y-HNPPQLELI	10636	>PTEN-N94Y-HYPPQLELI	4	10632
>PTEN-N94Y-HNPPQLELIK	20080	>PTEN-N94Y-HYPPQLELIK	172	19908
>PTEN-N94Y-HNPPQLELIKI	20508	>PTEN-N94Y-HYPPQLELIKFI	330	20178
>PTEN-N94Y-HNPPQLELIK	5781	>PTEN-N94Y-HYPPQLELIK	79	5702
>PTEN-N94Y-HNPPQLEL	5983	>PTEN-N94Y-HYPPQLEL	334	5649
>PTEN-N94Y-RVAQYPFED†	25211	>PTEN-N94Y-RVAQYPFED†	81	25130
>PTEN-N94Y-RVAQYPFED†	18386	>PTEN-N94Y-RVAQYPFED†	116	18270
>PTEN-N94Y-RVAQYPFED†	17642	>PTEN-N94Y-RVAQYPFED†	47	17595
>PTEN-N94Y-RVAQYPFED†	19430	>PTEN-N94Y-RVAQYPFED†	13	19417
>PTEN-N94Y-RVAQYPFED†	15760	>PTEN-N94Y-RVAQYPFED†	153	15607
>PTEN-N94Y-RVAQYPFED†	18342	>PTEN-N94Y-RVAQYPFED†	126	18216
>PTEN-N94Y-RVAQYPFED†	11899	>PTEN-N94Y-RVAQYPFED†	50	11849
>PTEN-N94Y-RVAQYPFED†	21830	>PTEN-N94Y-RVAQYPFED†	466	21364
>PTEN-N94Y-RVAQYPFED†	32384	>PTEN-N94Y-RVAQYPFED†	407	31977
>PTEN-N94Y-DHNPPQLELI	2293	>PTEN-N94Y-DHYPPQLELI	493	1800
>PTEN-N94Y-DHNPPQLEL	248	>PTEN-N94Y-DHYPPQLEL	62	186
>PTEN-N94Y-DHNPPQLELI	1469	>PTEN-N94Y-DHYPPQLELI	416	1053
>PTEN-N94Y-EDHNPPQLEL	235	>PTEN-N94Y-EDHYPPQLEL	414	179
>PTEN-N94Y-FEDHNPPQL	1032	>PTEN-N94Y-FEDHYPPQL	316	716
>PTEN-N94Y-FEDHNPPQL	169	>PTEN-N94Y-FEDHYPPQL	86	83
>PTEN-N94Y-FEDHNPPQLE	275	>PTEN-N94Y-FEDHYPPQLE	168	107
>PTEN-N94Y-FEDHNPPQL	116	>PTEN-N94Y-FEDHYPPQL	113	3
>PTEN-N94Y-FEDHNPPQLE	47	>PTEN-N94Y-FEDHYPPQLE	46	1
>PTEN-N94Y-FEDHNPPQL	314	>PTEN-N94Y-FEDHYPPQL	175	139
>PTEN-N94Y-FEDHNPPQLE	186	>PTEN-N94Y-FEDHYPPQLE	130	56
>PTEN-N94Y-FEDHNPPQL	128	>PTEN-N94Y-FEDHYPPQL	68	60
>PTEN-N94Y-YPFEDHNPPC	43	>PTEN-N94Y-YPFEDHYPPC	37	6
>PTEN-N94Y-YPFEDHNPPC	929	>PTEN-N94Y-YPFEDHYPPC	388	541
>PTEN-N94Y-YPFEDHNPPC	145	>PTEN-N94Y-YPFEDHYPPC	91	54
>PTEN-N94Y-YPFEDHNPPC	145	>PTEN-N94Y-YPFEDHYPPC	174	29
>PTEN-N94Y-YPFEDHNPP	145	>PTEN-N94Y-YPFEDHYPP	55	90
>PTEN-N94Y-YPFEDHNPPC	670	>PTEN-N94Y-YPFEDHYPPC	445	225

>PTEN-N94Y·YPFEDHNPPC	43	>PTEN-N94Y·YPFEDHYPPC	33	10
>PTEN-N94Y·YPFEDHNPPC	22	>PTEN-N94Y·YPFEDHYPPC	16	6
>PTEN-N94Y·YPFEDHNPPC	530	>PTEN-N94Y·YPFEDHYPPC	231	299
>PTEN-N94Y·YPFEDHNPP	291	>PTEN-N94Y·YPFEDHYPP	279	12
>PTEN-N94Y·YPFEDHNPPC	638	>PTEN-N94Y·YPFEDHYPPC	463	175
>PTEN-N94Y·QYPFEDHN	1093	>PTEN-N94Y·QYPFEDHY	192	901
>PTEN-N94Y·QYPFEDHN	22829	>PTEN-N94Y·QYPFEDHY	420	22409
>PTEN-N94Y·AQYPFEDHN	25526	>PTEN-N94Y·AQYPFEDHY	94	25432
>PTEN-N94Y·AQYPFEDHN	9418	>PTEN-N94Y·AQYPFEDHY	43	9375
>PTEN-N94Y·AQYPFEDHN	25193	>PTEN-N94Y·AQYPFEDHY	323	24870
>PTEN-N94Y·AQYPFEDHN	2519	>PTEN-N94Y·AQYPFEDHY	8	2511
>PTEN-N94Y·AQYPFEDHNI	263	>PTEN-N94Y·AQYPFEDHYF	232	31
>PTEN-N94Y·VAQYPFEDHI	28329	>PTEN-N94Y·VAQYPFEDHY	200	28129
>PTEN-P103S PFCEDLDQW	1473	>PTEN-P103S SFCEDLDQW	210	1263
>PTEN-P103S PFCEDLDQW	2258	>PTEN-P103S SFCEDLDQW	390	1868
>PTEN-P103S PFCEDLDQW	3988	>PTEN-P103S SFCEDLDQW	258	3730
>PTEN-P103S PFCEDLDQW	4178	>PTEN-P103S SFCEDLDQW	313	3865
>PTEN-P103S KPFCEDLDQV	7481	>PTEN-P103S KSFCELDQV	86	7395
>PTEN-P103S KPFCEDLDQV	14444	>PTEN-P103S KSFCELDQV	183	14261
>PTEN-P103S KPFCEDLDQV	4131	>PTEN-P103S KSFCELDQV	9	4122
>PTEN-P103S KPFCEDLDQV	11109	>PTEN-P103S KSFCELDQV	7	11102
>PTEN-P103S KPFCEDLDQV	1266	>PTEN-P103S KSFCELDQV	37	1229
>PTEN-P103S KPFCEDLDQV	20775	>PTEN-P103S KSFCELDQV	484	20291
>PTEN-P103S KPFCEDLDQV	892	>PTEN-P103S KSFCELDQV	10	882
>PTEN-P103S KPFCEDLDQV	4340	>PTEN-P103S KSFCELDQV	211	4129
>PTEN-P103S KPFCEDLDQV	13	>PTEN-P103S KSFCELDQV	819	806
>PTEN-P103S KPFCEDLDQV	102	>PTEN-P103S KSFCELDQV	100	2
>PTEN-P103S KPFCEDLDQV	4477	>PTEN-P103S KSFCELDQV	137	4340
>PTEN-P103S IKPFCELD	910	>PTEN-P103S IKSFCEDL	172	738
>PTEN-P103S IKPFCELDQV	840	>PTEN-P103S IKSFCEDLDQV	88	752
>PTEN-P103S ELIKPFCELD	156	>PTEN-P103S ELIKSFCEDL	154	2
>PTEN-P103S LELIKPFCELD	166	>PTEN-P103S LELIKSFCEDL	72	94
>PTEN-P103S LELIKPFCELD	248	>PTEN-P103S LELIKSFCEDL	139	109
>PTEN-P103S LELIKPFCELD	275	>PTEN-P103S LELIKSFCEDL	219	56
>PTEN-P103S LELIKPFCELD	78	>PTEN-P103S LELIKSFCEDL	54	24
>PTEN-P103S PQLELIKPF	16	>PTEN-P103S PQLELIKSF	20	4
>PTEN-P103S NPPQLELIKPF	483	>PTEN-P103S NPPQLELIKSF	427	56
>PTEN-P103S NPPQLELIKPF	69	>PTEN-P103S NPPQLELIKSF	191	122
>PTEN-P169F PSQRRYVY	1626	>PTEN-P169F HSQRRYVY	488	1138
>PTEN-P169F PSQRRYVYY	907	>PTEN-P169F HSQRRYVYY	233	674
>PTEN-P169F PSQRRYVYYY	186	>PTEN-P169F HSQRRYVYYY	115	71
>PTEN-P169F PSQRRYVYYY	5067	>PTEN-P169F HSQRRYVYYY	315	4752
>PTEN-P169F PSQRRYVYYY	1031	>PTEN-P169F HSQRRYVYYY	226	805

>PTEN-P169F PSQRRYVYYY	359	>PTEN-P169F HSQRRYVYYY	120	239
>PTEN-P169F PSQRRYVYY	5454	>PTEN-P169F HSQRRYVYY	103	5351
>PTEN-P169F PSQRRYVYYY	7291	>PTEN-P169F HSQRRYVYYY	254	7037
>PTEN-P169F PSQRRYVY	465	>PTEN-P169F HSQRRYVY	129	336
>PTEN-P169F PSQRRYVYYY	40	>PTEN-P169F HSQRRYVYYY	21	19
>PTEN-P169F PSQRRYVYY	8414	>PTEN-P169F HSQRRYVYY	229	8185
>PTEN-P169F PSQRRYVY	5724	>PTEN-P169F HSQRRYVY	242	5482
>PTEN-P169F PSQRRYVYYY	6867	>PTEN-P169F HSQRRYVYYY	349	6518
>PTEN-P169F PSQRRYVY	3270	>PTEN-P169F HSQRRYVY	448	2822
>PTEN-P169F PSQRRYVYY	2186	>PTEN-P169F HSQRRYVYY	209	1977
>PTEN-P169F PSQRRYVYYY	2492	>PTEN-P169F HSQRRYVYYY	310	2182
>PTEN-P169F PSQRRYVY	7360	>PTEN-P169F HSQRRYVY	43	7317
>PTEN-P169F PSQRRYVYY	6148	>PTEN-P169F HSQRRYVYY	29	6119
>PTEN-P169F PSQRRYVYYY	4356	>PTEN-P169F HSQRRYVYYY	20	4336
>PTEN-P169F PSQRRYVYYY	7107	>PTEN-P169F HSQRRYVYYY	229	6878
>PTEN-P169F PSQRRYVYYY	9035	>PTEN-P169F HSQRRYVYYY	126	8909
>PTEN-P169F PSQRRYVYYY	353	>PTEN-P169F HSQRRYVYYY	112	241
>PTEN-P169F PSQRRYVY	6884	>PTEN-P169F HSQRRYVY	393	6491
>PTEN-P169F PSQRRYVY	2184	>PTEN-P169F HSQRRYVY	431	1753
>PTEN-P169F IPSQRRYVYY	1219	>PTEN-P169F IHSQRRYVYY	440	779
>PTEN-P169F IPSQRRYVYYY	288	>PTEN-P169F IHSQRRYVYYY	91	197
>PTEN-P169F IPSQRRYVY	183	>PTEN-P169F IHSQRRYVY	57	126
>PTEN-P169F IPSQRRYVYYY	123	>PTEN-P169F IHSQRRYVYYY	42	81
>PTEN-P169F IPSQRRYV	22	>PTEN-P169F IHSQRRYV	23307	23285
>PTEN-P169F IPSQRRYVY	165	>PTEN-P169F IHSQRRYVY	24632	24467
>PTEN-P169F IPSQRRYVY	1987	>PTEN-P169F IHSQRRYVY	222	1765
>PTEN-P169F IPSQRRYVYY	1203	>PTEN-P169F IHSQRRYVYY	103	1100
>PTEN-P169F IPSQRRYVYYY	1534	>PTEN-P169F IHSQRRYVYYY	149	1385
>PTEN-P169F IPSQRRYVY	16	>PTEN-P169F IHSQRRYVY	8218	8202
>PTEN-P169F IPSQRRYVYYY	27	>PTEN-P169F IHSQRRYVYYY	9995	9968
>PTEN-P169F IPSQRRYVY	74	>PTEN-P169F IHSQRRYVY	11486	11412
>PTEN-P169F IPSQRRYVYYY	31	>PTEN-P169F IHSQRRYVYYY	6332	6301
>PTEN-P169F IPSQRRYVY	7	>PTEN-P169F IHSQRRYVY	947	940
>PTEN-P169F IPSQRRYVYY	33	>PTEN-P169F IHSQRRYVYY	3977	3944
>PTEN-P169F IPSQRRYVYYY	12	>PTEN-P169F IHSQRRYVYYY	1461	1449
>PTEN-P169F IPSQRRYVYY	262	>PTEN-P169F IHSQRRYVYY	16783	16521
>PTEN-P169F RTRDKKGVTI	103	>PTEN-P169F RTRDKKGVTI	111	8
>PTEN-P169F RTRDKKGVTI	4844	>PTEN-P169F RTRDKKGVTI	54	4790
>PTEN-P169F RTRDKKGVTI	1410	>PTEN-P169F RTRDKKGVTI	28	1382
>PTEN-P169F TIPSQRRYV	225	>PTEN-P169F TIHSQRRYV	167	58
>PTEN-P169F TIPSQRRYVYY	2575	>PTEN-P169F TIHSQRRYVYY	336	2239
>PTEN-P169F TIPSQRRYVYY	1079	>PTEN-P169F TIHSQRRYVYY	168	911
>PTEN-P169F TIPSQRRY	437	>PTEN-P169F TIHSQRRY	277	160

>PTEN-P169f TIPSQRRYVY	618	>PTEN-P169f TIHSQRRYVY	366	252
>PTEN-P169f TIPSQRRYVY'	290	>PTEN-P169f TIHSQRRYVY'	197	93
>PTEN-P169f TIPSQRRY	1590	>PTEN-P169f TIHSQRRY	438	1152
>PTEN-P169f TIPSQRRYVY'	238	>PTEN-P169f TIHSQRRYVY'	79	159
>PTEN-P169f TIPSQRRYV	11073	>PTEN-P169f TIHSQRRYV	152	10921
>PTEN-P169f TIPSQRRYVY'	11987	>PTEN-P169f TIHSQRRYVY'	314	11673
>PTEN-P169f TIPSQRRY	641	>PTEN-P169f TIHSQRRY	208	433
>PTEN-P169f TIPSQRRYVY'	597	>PTEN-P169f TIHSQRRYVY'	205	392
>PTEN-P169f TIPSQRRYV	67	>PTEN-P169f TIHSQRRYV	93	26
>PTEN-P169f TIPSQRRYVY	2267	>PTEN-P169f TIHSQRRYVY	351	1916
>PTEN-P169f VTIPSQRRYV	249	>PTEN-P169f VTIHSQRRYV	587	338
>PTEN-P169f VTIPSQRRYV	286	>PTEN-P169f VTIHSQRRYV	2008	1722
>PTEN-P169f VTIPSQRRYV'	284	>PTEN-P169f VTIHSQRRYV	518	234
>PTEN-P169f VTIPSQRRY	26	>PTEN-P169f VTIHSQRRY	18	8
>PTEN-P169f VTIPSQRRYV'	38	>PTEN-P169f VTIHSQRRYV	28	10
>PTEN-P169f VTIPSQRRYV'	509	>PTEN-P169f VTIHSQRRYV	368	141
>PTEN-P169f VTIPSQRRY	59	>PTEN-P169f VTIHSQRRY	103	44
>PTEN-P169f VTIPSQRRYV'	26	>PTEN-P169f VTIHSQRRYV	37	11
>PTEN-P169f VTIPSQRRY	41	>PTEN-P169f VTIHSQRRY	40	1
>PTEN-P169f VTIPSQRRYV'	16	>PTEN-P169f VTIHSQRRYV	16	0
>PTEN-P169f VTIPSQRR	135	>PTEN-P169f VTIHSQRR	156	21
>PTEN-P169f VTIPSQRR	65	>PTEN-P169f VTIHSQRR	67	2
>PTEN-P169f VTIPSQRRYV	225	>PTEN-P169f VTIHSQRRYV	98	127
>PTEN-P169f VTIPSQRRY	1209	>PTEN-P169f VTIHSQRRY	448	761
>PTEN-P169f VTIPSQRRYV'	579	>PTEN-P169f VTIHSQRRYV	277	302
>PTEN-P169f VTIPSQRRY	399	>PTEN-P169f VTIHSQRRY	470	71
>PTEN-P169f VTIPSQRRYV'	109	>PTEN-P169f VTIHSQRRYV	119	10
>PTEN-P169f VTIPSQRRY	706	>PTEN-P169f VTIHSQRRY	467	239
>PTEN-P169f VTIPSQRRYV'	205	>PTEN-P169f VTIHSQRRYV	187	18
>PTEN-P169f VTIPSQRRY	3	>PTEN-P169f VTIHSQRRY	3	0
>PTEN-P169f VTIPSQRRYV	124	>PTEN-P169f VTIHSQRRYV	259	135
>PTEN-P169f VTIPSQRRYV'	4	>PTEN-P169f VTIHSQRRYV	4	0
>PTEN-P169f VTIPSQRRY	81	>PTEN-P169f VTIHSQRRY	294	213
>PTEN-P169f VTIPSQRRYV'	111	>PTEN-P169f VTIHSQRRYV	311	200
>PTEN-P169f VTIPSQRRY	122	>PTEN-P169f VTIHSQRRY	303	181
>PTEN-P169f VTIPSQRRYV'	76	>PTEN-P169f VTIHSQRRYV	135	59
>PTEN-P169f VTIPSQRRY	37	>PTEN-P169f VTIHSQRRY	47	10
>PTEN-P169f VTIPSQRRYV'	37	>PTEN-P169f VTIHSQRRYV	46	9
>PTEN-P169f VTIPSQRRYV'	256	>PTEN-P169f VTIHSQRRYV	399	143
>PTEN-P169f GVTIPSQRRY	123	>PTEN-P169f GVTIHSQRRY	125	2
>PTEN-P169f GVTIPSQR	457	>PTEN-P169f GVTIHSQR	137	320
>PTEN-P169f GVTIPSQRR	953	>PTEN-P169f GVTIHSQRR	475	478
>PTEN-P169f GVTIPSQR	210	>PTEN-P169f GVTIHSQR	124	86

>PTEN-P169F GVTIPSQRRY	172	>PTEN-P169F GVTIHSQRRY	366	194
>PTEN-P169F KGV TIPSQRR	155	>PTEN-P169F KGV TIHSQRR	133	22
>PTEN-P169F KGV TIPSQR	208	>PTEN-P169F KGV TIHSQR	33	175
>PTEN-P169F KGV TIPSQRR	202	>PTEN-P169F KGV TIHSQRR	186	16
>PTEN-P169F KGV TIPSQRR	227	>PTEN-P169F KGV TIHSQRR	151	76
>PTEN-P169F KGV TIPSQR	147	>PTEN-P169F KGV TIHSQR	102	45
>PTEN-P169F KGV TIPSQRR	120	>PTEN-P169F KGV TIHSQRR	73	47
>PTEN-P169F KKGVTIPSQR	609	>PTEN-P169F KKGVTIHSQR	365	244
>PTEN-P169F KKGVTIPSQR	511	>PTEN-P169F KKGVTIHSQR	212	299
>PTEN-P169F DKKGV TIPSQ	497	>PTEN-P169F DKKGV TIHSQ	252	245
>PTEN-P169F DKKGV TIPSQ	635	>PTEN-P169F DKKGV TIHSQ	354	281
>PTEN-P204S PMFSGGTC	355	>PTEN-P204S SMFSGGTC	13	342
>PTEN-P204S PMFSGGTC	9723	>PTEN-P204S SMFSGGTC	415	9308
>PTEN-P204S PMFSGGTC	6515	>PTEN-P204S SMFSGGTC	257	6258
>PTEN-P204S PMFSGGTC	2332	>PTEN-P204S SMFSGGTC	61	2271
>PTEN-P204S PMFSGGTCN	5245	>PTEN-P204S SMFSGGTCN	199	5046
>PTEN-P204S PMFSGGTCN	6009	>PTEN-P204S SMFSGGTCN	259	5750
>PTEN-P204S PMFSGGTCN	954	>PTEN-P204S SMFSGGTCN	227	727
>PTEN-P204S IPMFSGGTC	404	>PTEN-P204S ISMFSGGTC	22699	22295
>PTEN-P204S ETIPMFSG	791	>PTEN-P204S ETISMFSG	455	336
>PTEN-P204S ETIPMFSGG	1056	>PTEN-P204S ETISMFSGG	430	626
>PTEN-P204S ETIPMFSGGT	269	>PTEN-P204S ETISMFSGGT	98	171
>PTEN-P204S ETIPMFSGGT	875	>PTEN-P204S ETISMFSGGT	332	543
>PTEN-P204S ETIPMFSGGT	711	>PTEN-P204S ETISMFSGGT	302	409
>PTEN-P204S ETIPMFSG	113	>PTEN-P204S ETISMFSG	198	85
>PTEN-P204S ETIPMFSGG	129	>PTEN-P204S ETISMFSGG	204	75
>PTEN-P204S ETIPMFSGGT	70	>PTEN-P204S ETISMFSGGT	29	41
>PTEN-P204S ETIPMFSGGT	173	>PTEN-P204S ETISMFSGGT	155	18
>PTEN-P204S FETIPMFSGG	896	>PTEN-P204S FETISMFSGG	449	447
>PTEN-P204S FETIPMFSGG	483	>PTEN-P204S FETISMFSGG	461	22
>PTEN-P204S MFETIPMF	43	>PTEN-P204S MFETISMF	61	18
>PTEN-P204S MFETIPMF	23	>PTEN-P204S MFETISMF	17	6
>PTEN-P204S MMFETIPM	270	>PTEN-P204S MMFETISM	759	489
>PTEN-P204S MMFETIPMF	183	>PTEN-P204S MMFETISMF	204	21
>PTEN-P204S MMFETIPM	8	>PTEN-P204S MMFETISM	12	4
>PTEN-P204S MMFETIPMF	34	>PTEN-P204S MMFETISMF	116	82
>PTEN-P204S MMFETIPMF	57	>PTEN-P204S MMFETISMF	71	14
>PTEN-P204S MMFETIPMF	136	>PTEN-P204S MMFETISMF	193	57
>PTEN-P204S MMFETIPM	8	>PTEN-P204S MMFETISM	12	4
>PTEN-P204S MMFETIPMF	148	>PTEN-P204S MMFETISMF	99	49
>PTEN-P204S MMFETIPMF	64	>PTEN-P204S MMFETISMF	66	2
>PTEN-P204S MMFETIPMF	99	>PTEN-P204S MMFETISMF	56	43
>PTEN-P204S MMFETIPM	10	>PTEN-P204S MMFETISM	11	1

>PTEN-P204 $\S$ MMFETIPMF	137	>PTEN-P204 $\S$ MMFETISMF	34	103
>PTEN-P204 $\S$ MMFETIPMF	142	>PTEN-P204 $\S$ MMFETISMF	203	61
>PTEN-P204 $\S$ MMFETIPMF	195	>PTEN-P204 $\S$ MMFETISMF	81	114
>PTEN-P204 $\S$ MMFETIPM	12	>PTEN-P204 $\S$ MMFETISM	25	13
>PTEN-P204 $\S$ MMFETIPMF	21	>PTEN-P204 $\S$ MMFETISMF	57	36
>PTEN-P204 $\S$ MMFETIPMF	384	>PTEN-P204 $\S$ MMFETISMF	368	16
>PTEN-P204 $\S$ MMFETIPMF	155	>PTEN-P204 $\S$ MMFETISMF	176	21
>PTEN-P204 $\S$ MMFETIPM	2	>PTEN-P204 $\S$ MMFETISM	2	0
>PTEN-P204 $\S$ MMFETIPMF	2	>PTEN-P204 $\S$ MMFETISMF	3	1
>PTEN-P204 $\S$ MMFETIPMF	4	>PTEN-P204 $\S$ MMFETISMF	6	2
>PTEN-P204 $\S$ MMFETIPMF	7	>PTEN-P204 $\S$ MMFETISMF	9	2
>PTEN-P204 $\S$ MMFETIPM	7	>PTEN-P204 $\S$ MMFETISM	9	2
>PTEN-P204 $\S$ MMFETIPMF	334	>PTEN-P204 $\S$ MMFETISMF	356	22
>PTEN-P204 $\S$ MMFETIPMF	217	>PTEN-P204 $\S$ MMFETISMF	172	45
>PTEN-P204 $\S$ MMFETIPMF	300	>PTEN-P204 $\S$ MMFETISMF	274	26
>PTEN-P204 $\S$ MMFETIPM	11	>PTEN-P204 $\S$ MMFETISM	15	4
>PTEN-P204 $\S$ MMFETIPMF	52	>PTEN-P204 $\S$ MMFETISMF	317	265
>PTEN-P204 $\S$ MMFETIPMF	44	>PTEN-P204 $\S$ MMFETISMF	60	16
>PTEN-P204 $\S$ MMFETIPMF	186	>PTEN-P204 $\S$ MMFETISMF	291	105
>PTEN-P204 $\S$ MMFETIPM	16	>PTEN-P204 $\S$ MMFETISM	13	3
>PTEN-P204 $\S$ MMFETIPM	5	>PTEN-P204 $\S$ MMFETISM	4	1
>PTEN-P204 $\S$ MMFETIPMF	24	>PTEN-P204 $\S$ MMFETISMF	43	19
>PTEN-P204 $\S$ MMFETIPMF	38	>PTEN-P204 $\S$ MMFETISMF	27	11
>PTEN-P204 $\S$ MMFETIPMF	100	>PTEN-P204 $\S$ MMFETISMF	102	2
>PTEN-P204 $\S$ MMFETIPMF	60	>PTEN-P204 $\S$ MMFETISMF	63	3
>PTEN-P204 $\S$ MMFETIPMF	50	>PTEN-P204 $\S$ MMFETISMF	48	2
>PTEN-P204 $\S$ MMFETIPM	472	>PTEN-P204 $\S$ MMFETISM	695	223
>PTEN-P204 $\S$ MMFETIPMF	61	>PTEN-P204 $\S$ MMFETISMF	109	48
>PTEN-P204 $\S$ MMFETIPM	391	>PTEN-P204 $\S$ MMFETISM	951	560
>PTEN-P204 $\S$ MMFETIPMF	468	>PTEN-P204 $\S$ MMFETISMF	448	20
>PTEN-P204 $\S$ MMFETIPM	88	>PTEN-P204 $\S$ MMFETISM	103	15
>PTEN-P204 $\S$ MMFETIPMF	76	>PTEN-P204 $\S$ MMFETISMF	103	27
>PTEN-P204 $\S$ MMFETIPM	27	>PTEN-P204 $\S$ MMFETISM	89	62
>PTEN-P204 $\S$ MMFETIPM	28	>PTEN-P204 $\S$ MMFETISM	30	2
>PTEN-P204 $\S$ MMFETIPMF	29	>PTEN-P204 $\S$ MMFETISMF	22	7
>PTEN-P204 $\S$ MMFETIPMF	380	>PTEN-P204 $\S$ MMFETISMF	241	139
>PTEN-P204 $\S$ MMFETIPM	111	>PTEN-P204 $\S$ MMFETISM	130	19
>PTEN-P204 $\S$ MMFETIPMF	86	>PTEN-P204 $\S$ MMFETISMF	19	67
>PTEN-P204 $\S$ MMFETIPM	4	>PTEN-P204 $\S$ MMFETISM	4	0
>PTEN-P204 $\S$ MMFETIPMF	2	>PTEN-P204 $\S$ MMFETISMF	2	0
>PTEN-P204 $\S$ MMFETIPMF	283	>PTEN-P204 $\S$ MMFETISMF	164	119
>PTEN-P204 $\S$ MMFETIPMF	832	>PTEN-P204 $\S$ MMFETISMF	419	413
>PTEN-P204 $\S$ MMFETIPM	163	>PTEN-P204 $\S$ MMFETISM	164	1



>PTEN-P204 $\S$ MMMFETIPMF	21	>PTEN-P204 $\S$ MMMFETISMF	14	7
>PTEN-P204 $\S$ MMMFETIPM	16	>PTEN-P204 $\S$ MMMFETISM	28	12
>PTEN-P204 $\S$ MMMFETIPMF	79	>PTEN-P204 $\S$ MMMFETISMF	73	6
>PTEN-P204 $\S$ MMMFETIPM	35	>PTEN-P204 $\S$ MMMFETISM	46	11
>PTEN-P204 $\S$ MMMFETIPM	1120	>PTEN-P204 $\S$ MMMFETISM	494	626
>PTEN-P204 $\S$ MMMFETIPMF	82	>PTEN-P204 $\S$ MMMFETISMF	135	53
>PTEN-P204 $\S$ MMMFETIPMF	610	>PTEN-P204 $\S$ MMMFETISMF	20	590
>PTEN-P204 $\S$ MMMFETIPMF	193	>PTEN-P204 $\S$ MMMFETISMF	101	92
>PTEN-P204 $\S$ KMMMFETIPM	12	>PTEN-P204 $\S$ KMMMFETISM	19	7
>PTEN-P204 $\S$ KMMMFETIPM	271	>PTEN-P204 $\S$ KMMMFETISM	497	226
>PTEN-P204 $\S$ KMMMFETIPM	121	>PTEN-P204 $\S$ KMMMFETISM	135	14
>PTEN-P204 $\S$ KMMMFETIPM	12	>PTEN-P204 $\S$ KMMMFETISM	15	3
>PTEN-P204 $\S$ KMMMFETIPM	102	>PTEN-P204 $\S$ KMMMFETISM	61	41
>PTEN-P204 $\S$ KMMMFETIPM	31	>PTEN-P204 $\S$ KMMMFETISM	45	14
>PTEN-P204 $\S$ KMMMFETIPM	184	>PTEN-P204 $\S$ KMMMFETISM	192	8
>PTEN-P204 $\S$ KMMMFETIPM	31	>PTEN-P204 $\S$ KMMMFETISM	77	46
>PTEN-P204 $\S$ KMMMFETIPM	840	>PTEN-P204 $\S$ KMMMFETISM	399	441
>PTEN-P204 $\S$ KMMMFETIPM	45	>PTEN-P204 $\S$ KMMMFETISM	53	8
>PTEN-P204 $\S$ KMMMFETIPM	153	>PTEN-P204 $\S$ KMMMFETISM	255	102
>PTEN-P204 $\S$ KMMMFETIPM	474	>PTEN-P204 $\S$ KMMMFETISM	743	269
>PTEN-P204 $\S$ KMMMFETIPM	11	>PTEN-P204 $\S$ KMMMFETISM	17	6
>PTEN-P204 $\S$ KMMMFETIPM	31	>PTEN-P204 $\S$ KMMMFETISM	18	13
>PTEN-P204 $\S$ KMMMFETIPM	69	>PTEN-P204 $\S$ KMMMFETISM	53	16
>PTEN-P204 $\S$ KMMMFETIPM	184	>PTEN-P204 $\S$ KMMMFETISM	383	199
>PTEN-P204 $\S$ KMMMFETIPM	350	>PTEN-P204 $\S$ KMMMFETISM	253	97
>PTEN-P204 $\S$ KMMMFETIPM	724	>PTEN-P204 $\S$ KMMMFETISM	325	399
>PTEN-P204 $\S$ KMMMFETIPM	9	>PTEN-P204 $\S$ KMMMFETISM	9	0
>PTEN-P204 $\S$ KMMMFETIPM	11	>PTEN-P204 $\S$ KMMMFETISM	11	0
>PTEN-P204 $\S$ KMMMFETIPM	47	>PTEN-P204 $\S$ KMMMFETISM	58	11
>PTEN-P204 $\S$ KMMMFETIPM	50	>PTEN-P204 $\S$ KMMMFETISM	37	13
>PTEN-P204 $\S$ KMMMFETIPM	14	>PTEN-P204 $\S$ KMMMFETISM	14	0
>PTEN-P204 $\S$ KMMMFETIPM	4	>PTEN-P204 $\S$ KMMMFETISM	3	1
>PTEN-P204 $\S$ KMMMFETIPM	544	>PTEN-P204 $\S$ KMMMFETISM	497	47
>PTEN-P204 $\S$ KMMMFETIPM	59	>PTEN-P204 $\S$ KMMMFETISM	48	11
>PTEN-P204 $\S$ KMMMFETIPM	347	>PTEN-P204 $\S$ KMMMFETISM	1862	1515
>PTEN-P204 $\S$ KMMMFETIPM	971	>PTEN-P204 $\S$ KMMMFETISM	270	701
>PTEN-P204 $\S$ KMMMFETIPM	57	>PTEN-P204 $\S$ KMMMFETISM	68	11
>PTEN-P204 $\S$ KMMMFETIPM	667	>PTEN-P204 $\S$ KMMMFETISM	217	450
>PTEN-P204 $\S$ HKMMMFETIP	379	>PTEN-P204 $\S$ HKMMMFETIS	376	3
>PTEN-P204 $\S$ HKMMMFETIPI	7	>PTEN-P204 $\S$ HKMMMFETISI	7	0
>PTEN-P204 $\S$ HKMMMFETIPI	3	>PTEN-P204 $\S$ HKMMMFETISI	2	1
>PTEN-P204 $\S$ HKMMMFETIPI	41	>PTEN-P204 $\S$ HKMMMFETISI	69	28
>PTEN-P204 $\S$ HKMMMFETIPI	2790	>PTEN-P204 $\S$ HKMMMFETISI	275	2515

>PTEN-P2041FHKMMFETIF	87	>PTEN-P2041FHKMMFETIS	98	11
>PTEN-P2041PMFSGGTC	355	>PTEN-P2041TMFSGGTC	63	292
>PTEN-P2041PMFSGGTC	2332	>PTEN-P2041TMFSGGTC	287	2045
>PTEN-P2041PMFSGGTCN	954	>PTEN-P2041TMFSGGTCN	467	487
>PTEN-P2041IPMFSGGTC	404	>PTEN-P2041ITMFSGGTC	21181	20777
>PTEN-P2041IPMFSGGT	20777	>PTEN-P2041ITMFSGGT	471	20306
>PTEN-P2041IPMFSGGTC	17791	>PTEN-P2041ITMFSGGTC	311	17480
>PTEN-P2041IPMFSGGTC	10891	>PTEN-P2041ITMFSGGTC	311	10580
>PTEN-P2041ETIPMFSG	791	>PTEN-P2041ETITMFSG	457	334
>PTEN-P2041ETIPMFSGG	1056	>PTEN-P2041ETITMFSGG	425	631
>PTEN-P2041ETIPMFSGGT	269	>PTEN-P2041ETITMFSGGT	118	151
>PTEN-P2041ETIPMFSGGT	875	>PTEN-P2041ETITMFSGGT	353	522
>PTEN-P2041ETIPMFSGG	1860	>PTEN-P2041ETITMFSGG	477	1383
>PTEN-P2041ETIPMFSGGT	711	>PTEN-P2041ETITMFSGGT	249	462
>PTEN-P2041ETIPMFSG	113	>PTEN-P2041ETITMFSG	217	104
>PTEN-P2041ETIPMFSGG	129	>PTEN-P2041ETITMFSGG	190	61
>PTEN-P2041ETIPMFSGGT	70	>PTEN-P2041ETITMFSGGT	43	27
>PTEN-P2041ETIPMFSGGT	173	>PTEN-P2041ETITMFSGGT	311	138
>PTEN-P2041FETIPMFSGG	483	>PTEN-P2041FETITMFSGG	543	60
>PTEN-P2041MFETIPMF	43	>PTEN-P2041MFETITMF	61	18
>PTEN-P2041MFETIPMF	23	>PTEN-P2041MFETITMF	20	3
>PTEN-P2041MMFETIPM	270	>PTEN-P2041MMFETITM	1017	747
>PTEN-P2041MMFETIPMF	183	>PTEN-P2041MMFETITMF	295	112
>PTEN-P2041MMFETIPM	8	>PTEN-P2041MMFETITM	13	5
>PTEN-P2041MMFETIPMF	34	>PTEN-P2041MMFETITMF	63	29
>PTEN-P2041MMFETIPMF	57	>PTEN-P2041MMFETITMF	61	4
>PTEN-P2041MMFETIPMF	136	>PTEN-P2041MMFETITMF	157	21
>PTEN-P2041MMFETIPM	8	>PTEN-P2041MMFETITM	21	13
>PTEN-P2041MMFETIPMF	148	>PTEN-P2041MMFETITMF	53	95
>PTEN-P2041MMFETIPMF	64	>PTEN-P2041MMFETITMF	51	13
>PTEN-P2041MMFETIPMF	99	>PTEN-P2041MMFETITMF	59	40
>PTEN-P2041MMFETIPM	10	>PTEN-P2041MMFETITM	16	6
>PTEN-P2041MMFETIPMF	137	>PTEN-P2041MMFETITMF	33	104
>PTEN-P2041MMFETIPMF	142	>PTEN-P2041MMFETITMF	147	5
>PTEN-P2041MMFETIPMF	195	>PTEN-P2041MMFETITMF	95	100
>PTEN-P2041MMFETIPM	12	>PTEN-P2041MMFETITM	37	25
>PTEN-P2041MMFETIPMF	21	>PTEN-P2041MMFETITMF	36	15
>PTEN-P2041MMFETIPMF	384	>PTEN-P2041MMFETITMF	365	19
>PTEN-P2041MMFETIPMF	155	>PTEN-P2041MMFETITMF	182	27
>PTEN-P2041MMFETIPM	2	>PTEN-P2041MMFETITM	2	0
>PTEN-P2041MMFETIPMF	2	>PTEN-P2041MMFETITMF	3	1
>PTEN-P2041MMFETIPMF	4	>PTEN-P2041MMFETITMF	6	2
>PTEN-P2041MMFETIPMF	7	>PTEN-P2041MMFETITMF	8	1

>PTEN-P2041MMFETIPM	7	>PTEN-P2041MMFETITM	7	0
>PTEN-P2041MMFETIPMF	334	>PTEN-P2041MMFETITMF	705	371
>PTEN-P2041MMFETIPMF	217	>PTEN-P2041MMFETITMF	218	1
>PTEN-P2041MMFETIPMF	300	>PTEN-P2041MMFETITMF	299	1
>PTEN-P2041MMFETIPM	11	>PTEN-P2041MMFETITM	12	1
>PTEN-P2041MMFETIPMF	52	>PTEN-P2041MMFETITMF	282	230
>PTEN-P2041MMFETIPMF	44	>PTEN-P2041MMFETITMF	57	13
>PTEN-P2041MMFETIPMF	186	>PTEN-P2041MMFETITMF	231	45
>PTEN-P2041MMFETIPM	16	>PTEN-P2041MMFETITM	13	3
>PTEN-P2041MMFETIPM	5	>PTEN-P2041MMFETITM	4	1
>PTEN-P2041MMFETIPMF	24	>PTEN-P2041MMFETITMF	38	14
>PTEN-P2041MMFETIPMF	38	>PTEN-P2041MMFETITMF	21	17
>PTEN-P2041MMFETIPMF	100	>PTEN-P2041MMFETITMF	103	3
>PTEN-P2041MMFETIPMF	60	>PTEN-P2041MMFETITMF	90	30
>PTEN-P2041MMFETIPMF	50	>PTEN-P2041MMFETITMF	105	55
>PTEN-P2041MMFETIPM	472	>PTEN-P2041MMFETITM	709	237
>PTEN-P2041MMFETIPMF	61	>PTEN-P2041MMFETITMF	127	66
>PTEN-P2041MMFETIPM	391	>PTEN-P2041MMFETITM	1461	1070
>PTEN-P2041MMFETIPMF	468	>PTEN-P2041MMFETITMF	692	224
>PTEN-P2041MMFETIPM	88	>PTEN-P2041MMFETITM	44	44
>PTEN-P2041MMFETIPMF	76	>PTEN-P2041MMFETITMF	27	49
>PTEN-P2041MMFETIPM	27	>PTEN-P2041MMFETITM	102	75
>PTEN-P2041MMFETIPM	28	>PTEN-P2041MMFETITM	38	10
>PTEN-P2041MMFETIPMF	29	>PTEN-P2041MMFETITMF	24	5
>PTEN-P2041MMFETIPMF	380	>PTEN-P2041MMFETITMF	293	87
>PTEN-P2041MMFETIPM	111	>PTEN-P2041MMFETITM	153	42
>PTEN-P2041MMFETIPMF	86	>PTEN-P2041MMFETITMF	40	46
>PTEN-P2041MMFETIPM	4	>PTEN-P2041MMFETITM	4	0
>PTEN-P2041MMFETIPMF	2	>PTEN-P2041MMFETITMF	2	0
>PTEN-P2041MMFETIPMF	283	>PTEN-P2041MMFETITMF	194	89
>PTEN-P2041MMFETIPM	163	>PTEN-P2041MMFETITM	102	61
>PTEN-P2041MMFETIPMF	21	>PTEN-P2041MMFETITMF	21	0
>PTEN-P2041MMFETIPM	16	>PTEN-P2041MMFETITM	19	3
>PTEN-P2041MMFETIPMF	79	>PTEN-P2041MMFETITMF	67	12
>PTEN-P2041MMFETIPM	35	>PTEN-P2041MMFETITM	51	16
>PTEN-P2041MMFETIPM	1120	>PTEN-P2041MMFETITM	325	795
>PTEN-P2041MMFETIPMF	82	>PTEN-P2041MMFETITMF	88	6
>PTEN-P2041MMFETIPMF	610	>PTEN-P2041MMFETITMF	111	499
>PTEN-P2041MMFETIPMF	193	>PTEN-P2041MMFETITMF	193	0
>PTEN-P2041KMMFETIP	14751	>PTEN-P2041KMMFETIT	260	14491
>PTEN-P2041KMMFETIPM	12	>PTEN-P2041KMMFETITM	25	13
>PTEN-P2041KMMFETIPM	271	>PTEN-P2041KMMFETITM	346	75
>PTEN-P2041KMMFETIPM	121	>PTEN-P2041KMMFETITM	118	3

>PTEN-P2041KMMFETIP	1760	>PTEN-P2041KMMFETIT	193	1567
>PTEN-P2041KMMFETIPM	12	>PTEN-P2041KMMFETITM	33	21
>PTEN-P2041KMMFETIPM	102	>PTEN-P2041KMMFETITM	57	45
>PTEN-P2041KMMFETIP	5104	>PTEN-P2041KMMFETIT	122	4982
>PTEN-P2041KMMFETIPM	31	>PTEN-P2041KMMFETITM	73	42
>PTEN-P2041KMMFETIPM	184	>PTEN-P2041KMMFETITM	162	22
>PTEN-P2041KMMFETIPM	31	>PTEN-P2041KMMFETITM	170	139
>PTEN-P2041KMMFETIPM	840	>PTEN-P2041KMMFETITM	393	447
>PTEN-P2041KMMFETIPM	45	>PTEN-P2041KMMFETITM	32	13
>PTEN-P2041KMMFETIPM	153	>PTEN-P2041KMMFETITM	272	119
>PTEN-P2041KMMFETIPM	474	>PTEN-P2041KMMFETITM	643	169
>PTEN-P2041KMMFETIPM	11	>PTEN-P2041KMMFETITM	10	1
>PTEN-P2041KMMFETIPM	717	>PTEN-P2041KMMFETITM	477	240
>PTEN-P2041KMMFETIPM	506	>PTEN-P2041KMMFETITM	333	173
>PTEN-P2041KMMFETIPM	31	>PTEN-P2041KMMFETITM	17	14
>PTEN-P2041KMMFETIPM	1166	>PTEN-P2041KMMFETITM	424	742
>PTEN-P2041KMMFETIPM	69	>PTEN-P2041KMMFETITM	81	12
>PTEN-P2041KMMFETIPM	184	>PTEN-P2041KMMFETITM	562	378
>PTEN-P2041KMMFETIPM	350	>PTEN-P2041KMMFETITM	321	29
>PTEN-P2041KMMFETIPM	9	>PTEN-P2041KMMFETITM	6	3
>PTEN-P2041KMMFETIPM	11	>PTEN-P2041KMMFETITM	6	5
>PTEN-P2041KMMFETIPM	832	>PTEN-P2041KMMFETITM	445	387
>PTEN-P2041KMMFETIPM	47	>PTEN-P2041KMMFETITM	83	36
>PTEN-P2041KMMFETIPM	50	>PTEN-P2041KMMFETITM	44	6
>PTEN-P2041KMMFETIPM	14	>PTEN-P2041KMMFETITM	20	6
>PTEN-P2041KMMFETIPM	4	>PTEN-P2041KMMFETITM	4	0
>PTEN-P2041KMMFETIPM	544	>PTEN-P2041KMMFETITM	251	293
>PTEN-P2041KMMFETIPM	59	>PTEN-P2041KMMFETITM	50	9
>PTEN-P2041KMMFETIPM	347	>PTEN-P2041KMMFETITM	774	427
>PTEN-P2041KMMFETIPM	971	>PTEN-P2041KMMFETITM	181	790
>PTEN-P2041KMMFETIPM	57	>PTEN-P2041KMMFETITM	52	5
>PTEN-P2041KMMFETIPM	667	>PTEN-P2041KMMFETITM	267	400
>PTEN-P2041HKMMFETIP	379	>PTEN-P2041HKMMFETIT	415	36
>PTEN-P2041HKMMFETIPI	7	>PTEN-P2041HKMMFETITI	9	2
>PTEN-P2041HKMMFETIPI	3	>PTEN-P2041HKMMFETITI	2	1
>PTEN-P2041HKMMFETIPI	41	>PTEN-P2041HKMMFETITI	67	26
>PTEN-P2041FHKMMFETIF	87	>PTEN-P2041FHKMMFETIF	144	57
>PTEN-P2131PQFVVCQL	2931	>PTEN-P2131HQFVVCQL	277	2654
>PTEN-P2131PQFVVCQL	2677	>PTEN-P2131HQFVVCQL	82	2595
>PTEN-P2131PQFVVCQLK\	2054	>PTEN-P2131HQFVVCQLK\	377	1677
>PTEN-P2131PQFVVCQLK	3419	>PTEN-P2131HQFVVCQLK	117	3302
>PTEN-P2131PQFVVCQLK\	7729	>PTEN-P2131HQFVVCQLK\	437	7292
>PTEN-P2131PQFVVCQLK	1770	>PTEN-P2131HQFVVCQLK	113	1657

>PTEN-P213F PQFVVCQLK	7109	>PTEN-P213F HQFVVCQLK	253	6856
>PTEN-P213F PQFVVCQLK\	7948	>PTEN-P213F HQFVVCQLK\	331	7617
>PTEN-P213F PQFVVCQLK	6497	>PTEN-P213F HQFVVCQLK	147	6350
>PTEN-P213F PQFVVCQLK\	8448	>PTEN-P213F HQFVVCQLK\	450	7998
>PTEN-P213F PQFVVCQLK	8179	>PTEN-P213F HQFVVCQLK	163	8016
>PTEN-P213F PQFVVCQL	4086	>PTEN-P213F HQFVVCQL	196	3890
>PTEN-P213F PQFVVCQL	328	>PTEN-P213F HQFVVCQL	40	288
>PTEN-P213F PQFVVCQLK	2788	>PTEN-P213F HQFVVCQLK	448	2340
>PTEN-P213F PQFVVCQLK\	689	>PTEN-P213F HQFVVCQLK\	80	609
>PTEN-P213F PQFVVCQLK\	1395	>PTEN-P213F HQFVVCQLK\	208	1187
>PTEN-P213F PQFVVCQL	8401	>PTEN-P213F HQFVVCQL	48	8353
>PTEN-P213F NPQFVVCQLI	443	>PTEN-P213F NHQFVVCQL	5928	5485
>PTEN-P213F NPQFVVCQL	1858	>PTEN-P213F NHQFVVCQL	270	1588
>PTEN-P213F IPMFSGGTCN	10288	>PTEN-P213F IPMFSGGTCN	462	9826
>PTEN-P213F TCNPQFVV	293	>PTEN-P213F TCNHQFVV	373	80
>PTEN-P213F GTCNPQFV	37	>PTEN-P213F GTCNHQFV	69	32
>PTEN-P213F GTCNPQFVV	52	>PTEN-P213F GTCNHQFVV	102	50
>PTEN-P213F GTCNPQFV	465	>PTEN-P213F GTCNHQFV	902	437
>PTEN-P213F GTCNPQFV	402	>PTEN-P213F GTCNHQFV	373	29
>PTEN-P213F GTCNPQFVV	412	>PTEN-P213F GTCNHQFVV	458	46
>PTEN-P213F GTCNPQFVV	130	>PTEN-P213F GTCNHQFVV	1248	1118
>PTEN-P213F FSGGTCNPQI	143	>PTEN-P213F FSGGTCNHQI	161	18
>PTEN-P213F FSGGTCNPQI	311	>PTEN-P213F FSGGTCNHQI	255	56
>PTEN-P213F FSGGTCNPQI	156	>PTEN-P213F FSGGTCNHQI	219	63
>PTEN-P213F FSGGTCNPQI	608	>PTEN-P213F FSGGTCNHQI	423	185
>PTEN-P213F FSGGTCNPQI	382	>PTEN-P213F FSGGTCNHQI	453	71
>PTEN-P213F FSGGTCNPQI	285	>PTEN-P213F FSGGTCNHQI	358	73
>PTEN-P213F FSGGTCNPQI	204	>PTEN-P213F FSGGTCNHQI	311	107
>PTEN-P213F FSGGTCNPQI	22	>PTEN-P213F FSGGTCNHQI	26	4
>PTEN-P213F FSGGTCNPQI	219	>PTEN-P213F FSGGTCNHQI	82	137
>PTEN-P213F FSGGTCNPQI	180	>PTEN-P213F FSGGTCNHQI	593	413
>PTEN-P213F MFSGGTCNP	107	>PTEN-P213F MFSGGTCNH	50	57
>PTEN-P213F MFSGGTCNP	11	>PTEN-P213F MFSGGTCNH	7	4
>PTEN-P213F MFSGGTCNP	107	>PTEN-P213F MFSGGTCNH	83	24
>PTEN-P213F MFSGGTCNP	130	>PTEN-P213F MFSGGTCNH	120	10
>PTEN-P213S PQFVVCQL	9909	>PTEN-P213S SQFVVCQL	199	9710
>PTEN-P213S PQFVVCQL	12116	>PTEN-P213S SQFVVCQL	416	11700
>PTEN-P213S PQFVVCQL	2931	>PTEN-P213S SQFVVCQL	173	2758
>PTEN-P213S PQFVVCQLK\	5651	>PTEN-P213S SQFVVCQLK\	352	5299
>PTEN-P213S PQFVVCQLK\	4941	>PTEN-P213S SQFVVCQLK\	313	4628
>PTEN-P213S PQFVVCQL	2677	>PTEN-P213S SQFVVCQL	42	2635
>PTEN-P213S PQFVVCQLK\	7827	>PTEN-P213S SQFVVCQLK\	171	7656
>PTEN-P213S PQFVVCQL	2449	>PTEN-P213S SQFVVCQL	143	2306

>PTEN-P213S PQFVVCQLK\	3626	>PTEN-P213S SQFVVCQLKV	147	3479
>PTEN-P213S PQFVVCQL	3941	>PTEN-P213S SQFVVCQL	133	3808
>PTEN-P213S PQFVVCQLK\	2054	>PTEN-P213S SQFVVCQLKV	38	2016
>PTEN-P213S PQFVVCQLK\	6016	>PTEN-P213S SQFVVCQLKV	57	5959
>PTEN-P213S PQFVVCQL	4086	>PTEN-P213S SQFVVCQL	156	3930
>PTEN-P213S PQFVVCQL	328	>PTEN-P213S SQFVVCQL	42	286
>PTEN-P213S PQFVVCQLK\	689	>PTEN-P213S SQFVVCQLKV	87	602
>PTEN-P213S PQFVVCQLK\	1395	>PTEN-P213S SQFVVCQLKV	246	1149
>PTEN-P213S PQFVVCQL	8401	>PTEN-P213S SQFVVCQL	205	8196
>PTEN-P213S NPQFVVCQLI	6566	>PTEN-P213S NSQFVVCQLI	220	6346
>PTEN-P213S NPQFVVCQLI	5579	>PTEN-P213S NSQFVVCQLI	37	5542
>PTEN-P213S NPQFVVCQLI	443	>PTEN-P213S NSQFVVCQLI	16	427
>PTEN-P213S NPQFVVCQLI	5884	>PTEN-P213S NSQFVVCQLI	315	5569
>PTEN-P213S TCNPQFVV	293	>PTEN-P213S TCNSQFVV	540	247
>PTEN-P213S GTCNPQFV	37	>PTEN-P213S GTCNSQFV	88	51
>PTEN-P213S GTCNPQFV	465	>PTEN-P213S GTCNSQFV	277	188
>PTEN-P213S GTCNPQFV	402	>PTEN-P213S GTCNSQFV	291	111
>PTEN-P213S FSGGTCNPQI	143	>PTEN-P213S FSGGTCNSQF	76	67
>PTEN-P213S FSGGTCNPQI	311	>PTEN-P213S FSGGTCNSQF	127	184
>PTEN-P213S FSGGTCNPQI	156	>PTEN-P213S FSGGTCNSQF	236	80
>PTEN-P213S FSGGTCNPQI	608	>PTEN-P213S FSGGTCNSQF	378	230
>PTEN-P213S FSGGTCNPQI	382	>PTEN-P213S FSGGTCNSQF	331	51
>PTEN-P213S FSGGTCNPQI	285	>PTEN-P213S FSGGTCNSQF	189	96
>PTEN-P213S FSGGTCNPQI	204	>PTEN-P213S FSGGTCNSQF	105	99
>PTEN-P213S FSGGTCNPQI	22	>PTEN-P213S FSGGTCNSQF	19	3
>PTEN-P213S FSGGTCNPQI	219	>PTEN-P213S FSGGTCNSQF	317	98
>PTEN-P213S FSGGTCNPQI	180	>PTEN-P213S FSGGTCNSQF	72	108
>PTEN-P213S MFSGGTCNP	107	>PTEN-P213S MFSGGTCNSI	103	4
>PTEN-P213S MFSGGTCNP	11	>PTEN-P213S MFSGGTCNSI	11	0
>PTEN-P213S MFSGGTCNP	107	>PTEN-P213S MFSGGTCNSI	162	55
>PTEN-P213S MFSGGTCNP	1411	>PTEN-P213S MFSGGTCNSI	412	999
>PTEN-P213S MFSGGTCNP	130	>PTEN-P213S MFSGGTCNSI	126	4
>PTEN-P213S MFSGGTCNP	2122	>PTEN-P213S MFSGGTCNSI	200	1922
>PTEN-P244S FPQPLPVCGE	95	>PTEN-P244S FSQPLPVCGE	19901	19806
>PTEN-P244S FPQPLPVCGE	360	>PTEN-P244S FSQPLPVCGE	15309	14949
>PTEN-P244S FPQPLPVCGE	419	>PTEN-P244S FSQPLPVCGE	15750	15331
>PTEN-P244S FPQPLPVC	387	>PTEN-P244S FSQPLPVC	20171	19784
>PTEN-P244S FPQPLPVCGE	832	>PTEN-P244S FSQPLPVCGE	21	811
>PTEN-P244S REDKFMFEF	366	>PTEN-P244S REDKFMFEF	2543	2177
>PTEN-P244S EFPQPLPV	296	>PTEN-P244S EFSQPLPV	418	122
>PTEN-P244S MYFEFPQPLF	484	>PTEN-P244S MYFEFSQPLP	289	195
>PTEN-P244S MYFEFPQPLF	130	>PTEN-P244S MYFEFSQPLP	118	12
>PTEN-P244S MYFEFPQPLF	48	>PTEN-P244S MYFEFSQPLP	28	20

>PTEN-P244S MYFEFPQPLF	105	>PTEN-P244S MYFEFSQPLP	55	50
>PTEN-P244S MYFEFPQPLF	9	>PTEN-P244S MYFEFSQPLP	11	2
>PTEN-P244S MYFEFPQPLF	103	>PTEN-P244S MYFEFSQPLP	92	11
>PTEN-P244S MYFEFPQPLF	37	>PTEN-P244S MYFEFSQPLP	37	0
>PTEN-P244S MYFEFPQPLF	278	>PTEN-P244S MYFEFSQPLP	186	92
>PTEN-P244S MYFEFPQPLF	51	>PTEN-P244S MYFEFSQPLP	37	14
>PTEN-P244S MYFEFPQPLF	436	>PTEN-P244S MYFEFSQPLP	358	78
>PTEN-P244S MYFEFPQPLF	45	>PTEN-P244S MYFEFSQPLP	40	5
>PTEN-P244S MYFEFPQPLF	141	>PTEN-P244S MYFEFSQPLP	96	45
>PTEN-P244S MYFEFPQPLF	261	>PTEN-P244S MYFEFSQPLP	215	46
>PTEN-P244S MYFEFPQPLF	82	>PTEN-P244S MYFEFSQPLP	105	23
>PTEN-P244S FMYFEFPQ	132	>PTEN-P244S FMYFEFSQ	329	197
>PTEN-P244S FMYFEFPQ	28	>PTEN-P244S FMYFEFSQ	32	4
>PTEN-P244S FMYFEFPQPL	379	>PTEN-P244S FMYFEFSQPL	174	205
>PTEN-P244S FMYFEFPQ	195	>PTEN-P244S FMYFEFSQ	196	1
>PTEN-P244S FMYFEFPQPL	587	>PTEN-P244S FMYFEFSQPL	269	318
>PTEN-P244S FMYFEFPQ	139	>PTEN-P244S FMYFEFSQ	378	239
>PTEN-P244S FMYFEFPQ	19	>PTEN-P244S FMYFEFSQ	24	5
>PTEN-P244S FMYFEFPQPL	2	>PTEN-P244S FMYFEFSQPL	2	0
>PTEN-P244S FMYFEFPQPL	175	>PTEN-P244S FMYFEFSQPL	307	132
>PTEN-P244S FMYFEFPQ	168	>PTEN-P244S FMYFEFSQ	331	163
>PTEN-P244S FMYFEFPQPL	3	>PTEN-P244S FMYFEFSQPL	3	0
>PTEN-P244S FMYFEFPQ	58	>PTEN-P244S FMYFEFSQ	103	45
>PTEN-P244S FMYFEFPQPL	5	>PTEN-P244S FMYFEFSQPL	5	0
>PTEN-P244S FMYFEFPQPL	7	>PTEN-P244S FMYFEFSQPL	8	1
>PTEN-P244S FMYFEFPQ	14	>PTEN-P244S FMYFEFSQ	10	4
>PTEN-P244S FMYFEFPQPL	3	>PTEN-P244S FMYFEFSQPL	2	1
>PTEN-P244S FMYFEFPQ	310	>PTEN-P244S FMYFEFSQ	453	143
>PTEN-P244S FMYFEFPQPL	43	>PTEN-P244S FMYFEFSQPL	59	16
>PTEN-P244S FMYFEFPQPL	83	>PTEN-P244S FMYFEFSQPL	41	42
>PTEN-P244S FMYFEFPQPL	250	>PTEN-P244S FMYFEFSQPL	87	163
>PTEN-P244S FMYFEFPQ	357	>PTEN-P244S FMYFEFSQ	325	32
>PTEN-P244S FMYFEFPQPL	6	>PTEN-P244S FMYFEFSQPL	5	1
>PTEN-P244S FMYFEFPQPL	892	>PTEN-P244S FMYFEFSQPL	468	424
>PTEN-P244S FMYFEFPQPL	56	>PTEN-P244S FMYFEFSQPL	47	9
>PTEN-P244S FMYFEFPQPL	120	>PTEN-P244S FMYFEFSQPL	136	16
>PTEN-P244S KFMYFEFPQF	235	>PTEN-P244S KFMYFEFSQF	183	52
>PTEN-P244S KFMYFEFPQF	74	>PTEN-P244S KFMYFEFSQF	40	34
>PTEN-P244S KFMYFEFPQF	433	>PTEN-P244S KFMYFEFSQF	516	83
>PTEN-P244S KFMYFEFPQF	348	>PTEN-P244S KFMYFEFSQF	182	166
>PTEN-P244S KFMYFEFPQF	343	>PTEN-P244S KFMYFEFSQF	247	96
>PTEN-P244S KFMYFEFPQF	31	>PTEN-P244S KFMYFEFSQF	26	5
>PTEN-P244S KFMYFEFPQF	492	>PTEN-P244S KFMYFEFSQF	599	107

>PTEN-P244S KFM YFEFP	152	>PTEN-P244S KFM YFEFS	240	88
>PTEN-P244S KFM YFEFPQF	96	>PTEN-P244S KFM YFEFSQF	108	12
>PTEN-P246L PLPVCGDI	9411	>PTEN-P246L LLPVCGDI	497	8914
>PTEN-P246L PLPVCGDIKV	934	>PTEN-P246L LLPVCGDIKV	44	890
>PTEN-P246L PLPVCGDIKV	2585	>PTEN-P246L LLPVCGDIKV	56	2529
>PTEN-P246L PLPVCGDIKV	176	>PTEN-P246L LLPVCGDIKV	18	158
>PTEN-P246L PLPVCGDIKV	1835	>PTEN-P246L LLPVCGDIKV	127	1708
>PTEN-P246L PLPVCGDI	6252	>PTEN-P246L LLPVCGDI	304	5948
>PTEN-P246L PLPVCGDIKV	46	>PTEN-P246L LLPVCGDIKV	6	40
>PTEN-P246L QPLPVCGDIK	20970	>PTEN-P246L QLLPVCGDIK'	148	20822
>PTEN-P246L QPLPVCGDIK	28326	>PTEN-P246L QLLPVCGDIK'	286	28040
>PTEN-P246L QPLPVCGDIK	22895	>PTEN-P246L QLLPVCGDIK'	348	22547
>PTEN-P246L QPLPVCGDIK	10954	>PTEN-P246L QLLPVCGDIK'	67	10887
>PTEN-P246L QPLPVCGDIK	16295	>PTEN-P246L QLLPVCGDIK'	9	16286
>PTEN-P246L QPLPVCGDIK	22015	>PTEN-P246L QLLPVCGDIK'	50	21965
>PTEN-P246L QPLPVCGDIK	15309	>PTEN-P246L QLLPVCGDIK'	11	15298
>PTEN-P246L QPLPVCGDIK	22338	>PTEN-P246L QLLPVCGDIK'	29	22309
>PTEN-P246L QPLPVCGDIK	23719	>PTEN-P246L QLLPVCGDIK'	5	23714
>PTEN-P246L DKFM YFEFPC	3426	>PTEN-P246L DKFM YFEFPC	183	3243
>PTEN-P246L FPQPLPVCGE	95	>PTEN-P246L FPQLLPVCGD	511	416
>PTEN-P246L FPQPLPVCGE	360	>PTEN-P246L FPQLLPVCGD	537	177
>PTEN-P246L FPQPLPVCGE	419	>PTEN-P246L FPQLLPVCGD	338	81
>PTEN-P246L FPQPLPVC	387	>PTEN-P246L FPQLLPVC	216	171
>PTEN-P246L EFPQPLPV	296	>PTEN-P246L EFPQLLPV	210	86
>PTEN-P246L MYFEFPQPLF	484	>PTEN-P246L MYFEFPQLLP	259	225
>PTEN-P246L MYFEFPQPLF	130	>PTEN-P246L MYFEFPQLLP	76	54
>PTEN-P246L MYFEFPQP	9845	>PTEN-P246L MYFEFPQL	75	9770
>PTEN-P246L MYFEFPQPLF	48	>PTEN-P246L MYFEFPQLLP	22	26
>PTEN-P246L MYFEFPQPLF	565	>PTEN-P246L MYFEFPQLLP	347	218
>PTEN-P246L MYFEFPQP	17004	>PTEN-P246L MYFEFPQL	389	16615
>PTEN-P246L MYFEFPQPLF	105	>PTEN-P246L MYFEFPQLLP	33	72
>PTEN-P246L MYFEFPQP	12947	>PTEN-P246L MYFEFPQL	85	12862
>PTEN-P246L MYFEFPQPLF	9	>PTEN-P246L MYFEFPQLLP	9	0
>PTEN-P246L MYFEFPQPLF	643	>PTEN-P246L MYFEFPQLLP	486	157
>PTEN-P246L MYFEFPQPLF	103	>PTEN-P246L MYFEFPQLLP	83	20
>PTEN-P246L MYFEFPQP	29877	>PTEN-P246L MYFEFPQL	231	29646
>PTEN-P246L MYFEFPQPLF	37	>PTEN-P246L MYFEFPQLLP	20	17
>PTEN-P246L MYFEFPQP	5600	>PTEN-P246L MYFEFPQL	36	5564
>PTEN-P246L MYFEFPQP	9324	>PTEN-P246L MYFEFPQL	358	8966
>PTEN-P246L MYFEFPQP	745	>PTEN-P246L MYFEFPQL	5	740
>PTEN-P246L MYFEFPQPLF	278	>PTEN-P246L MYFEFPQLLP	122	156
>PTEN-P246L MYFEFPQPLF	51	>PTEN-P246L MYFEFPQLLP	62	11
>PTEN-P246L MYFEFPQPLF	436	>PTEN-P246L MYFEFPQLLP	891	455



>PTEN-P246L MYFEFPQPLF	45	>PTEN-P246L MYFEFPQLLP	48	3
>PTEN-P246L MYFEFPQPLF	141	>PTEN-P246L MYFEFPQLLP	136	5
>PTEN-P246L MYFEFPQPLF	261	>PTEN-P246L MYFEFPQLLP	478	217
>PTEN-P246L MYFEFPQP	12982	>PTEN-P246L MYFEFPQL	473	12509
>PTEN-P246L MYFEFPQPLF	643	>PTEN-P246L MYFEFPQLLP	308	335
>PTEN-P246L MYFEFPQP	555	>PTEN-P246L MYFEFPQL	108	447
>PTEN-P246L MYFEFPQPLF	82	>PTEN-P246L MYFEFPQLLP	88	6
>PTEN-P246L FMYFEFPQPL	379	>PTEN-P246L FMYFEFPQLL	285	94
>PTEN-P246L FMYFEFPQPL	2	>PTEN-P246L FMYFEFPQLL	2	0
>PTEN-P246L FMYFEFPQPL	175	>PTEN-P246L FMYFEFPQLL	324	149
>PTEN-P246L FMYFEFPQPL	3	>PTEN-P246L FMYFEFPQLL	5	2
>PTEN-P246L FMYFEFPQPL	5	>PTEN-P246L FMYFEFPQLL	5	0
>PTEN-P246L FMYFEFPQPL	7	>PTEN-P246L FMYFEFPQLL	9	2
>PTEN-P246L FMYFEFPQPL	3	>PTEN-P246L FMYFEFPQLL	3	0
>PTEN-P246L FMYFEFPQPL	43	>PTEN-P246L FMYFEFPQLL	164	121
>PTEN-P246L FMYFEFPQPL	83	>PTEN-P246L FMYFEFPQLL	595	512
>PTEN-P246L FMYFEFPQPL	250	>PTEN-P246L FMYFEFPQLL	925	675
>PTEN-P246L FMYFEFPQPL	6	>PTEN-P246L FMYFEFPQLL	17	11
>PTEN-P246L FMYFEFPQPL	56	>PTEN-P246L FMYFEFPQLL	196	140
>PTEN-P246L FMYFEFPQPL	120	>PTEN-P246L FMYFEFPQLL	207	87
>PTEN-P246L KFM YFEFPQF	235	>PTEN-P246L KFM YFEFPQL	398	163
>PTEN-P246L KFM YFEFPQF	74	>PTEN-P246L KFM YFEFPQL	63	11
>PTEN-P246L KFM YFEFPQF	1232	>PTEN-P246L KFM YFEFPQL	358	874
>PTEN-P246L KFM YFEFPQF	433	>PTEN-P246L KFM YFEFPQL	177	256
>PTEN-P246L KFM YFEFPQF	7582	>PTEN-P246L KFM YFEFPQL	32	7550
>PTEN-P246L KFM YFEFPQF	348	>PTEN-P246L KFM YFEFPQL	169	179
>PTEN-P246L KFM YFEFPQF	343	>PTEN-P246L KFM YFEFPQL	738	395
>PTEN-P246L KFM YFEFPQF	8579	>PTEN-P246L KFM YFEFPQL	208	8371
>PTEN-P246L KFM YFEFPQF	31	>PTEN-P246L KFM YFEFPQL	137	106
>PTEN-P246L KFM YFEFPQF	492	>PTEN-P246L KFM YFEFPQL	297	195
>PTEN-P246L KFM YFEFPQF	96	>PTEN-P246L KFM YFEFPQL	88	8
>PTEN-P339L PNFKVKLYF	804	>PTEN-P339L LNFKVKLYF	250	554
>PTEN-P339L PNFKVKLYFTI	4714	>PTEN-P339L LNFKVKLYFTI	271	4443
>PTEN-P339L PNFKVKLY	1474	>PTEN-P339L LNFKVKLY	472	1002
>PTEN-P339L PNFKVKLYFTI	3121	>PTEN-P339L LNFKVKLYFTI	98	3023
>PTEN-P339L PNFKVKLY	3577	>PTEN-P339L LNFKVKLY	410	3167
>PTEN-P339L PNFKVKLYF	830	>PTEN-P339L LNFKVKLYF	57	773
>PTEN-P339L PNFKVKLYF	6876	>PTEN-P339L LNFKVKLYF	102	6774
>PTEN-P339L SPNFKVKLYF	136	>PTEN-P339L SLNFKVKLYF	25648	25512
>PTEN-P339L SPNFKVKL	28260	>PTEN-P339L SLNFKVKL	34	28226
>PTEN-P339L SPNFKVKLYF	27610	>PTEN-P339L SLNFKVKLYF	95	27515
>PTEN-P339L SPNFKVKL	22434	>PTEN-P339L SLNFKVKL	66	22368
>PTEN-P339L SPNFKVKLYF	20496	>PTEN-P339L SLNFKVKLYF	64	20432

>PTEN-P339I SPNFKVKL	23400	>PTEN-P339I SLNFKVKL	33	23367
>PTEN-P339I SPNFKVKLYF	26889	>PTEN-P339I SLNFKVKLYF	163	26726
>PTEN-P339I SPNFKVKL	24806	>PTEN-P339I SLNFKVKL	342	24464
>PTEN-P339I SPNFKVKL	24286	>PTEN-P339I SLNFKVKL	62	24224
>PTEN-P339I SPNFKVKL	29965	>PTEN-P339I SLNFKVKL	12	29953
>PTEN-P339I SPNFKVKLY	4518	>PTEN-P339I SLNFKVKLY	163	4355
>PTEN-P339I SPNFKVKLY	4772	>PTEN-P339I SLNFKVKLY	402	4370
>PTEN-P339I SPNFKVKLY	2135	>PTEN-P339I SLNFKVKLY	62	2073
>PTEN-P339I SPNFKVKL	224	>PTEN-P339I SLNFKVKL	24075	23851
>PTEN-P339I SPNFKVKLYF	97	>PTEN-P339I SLNFKVKLYF	25429	25332
>PTEN-P339I SPNFKVKLYF	15028	>PTEN-P339I SLNFKVKLYF	263	14765
>PTEN-P339I SPNFKVKLYF	3308	>PTEN-P339I SLNFKVKLYF	221	3087
>PTEN-P339I SPNFKVKLY	167	>PTEN-P339I SLNFKVKLY	9533	9366
>PTEN-P339I SPNFKVKLY	2386	>PTEN-P339I SLNFKVKLY	270	2116
>PTEN-P339I NKDKANRYF	17888	>PTEN-P339I NKDKANRYF	176	17712
>PTEN-P339I FSPNFKVKL	122	>PTEN-P339I FSLNFKVKL	81	41
>PTEN-P339I FSPNFKVKLYI	757	>PTEN-P339I FSLNFKVKLYF	370	387
>PTEN-P339I FSPNFKVKLY	238	>PTEN-P339I FSLNFKVKLY	353	115
>PTEN-P339I FSPNFKVK	2038	>PTEN-P339I FSLNFKVK	166	1872
>PTEN-P339I FSPNFKVKLYI	186	>PTEN-P339I FSLNFKVKLYF	309	123
>PTEN-P339I FSPNFKVKLY	138	>PTEN-P339I FSLNFKVKLY	68	70
>PTEN-P339I FSPNFKVK	695	>PTEN-P339I FSLNFKVK	466	229
>PTEN-P339I FSPNFKVKL	2153	>PTEN-P339I FSLNFKVKL	197	1956
>PTEN-P339I FSPNFKVKLY	548	>PTEN-P339I FSLNFKVKLY	42	506
>PTEN-P339I FSPNFKVKLYI	122	>PTEN-P339I FSLNFKVKLYF	13	109
>PTEN-P339I FSPNFKVKL	4893	>PTEN-P339I FSLNFKVKL	93	4800
>PTEN-P339I FSPNFKVKLY	493	>PTEN-P339I FSLNFKVKLY	11	482
>PTEN-P339I FSPNFKVKLYI	571	>PTEN-P339I FSLNFKVKLYF	16	555
>PTEN-P339I FSPNFKVKLYI	4211	>PTEN-P339I FSLNFKVKLYF	47	4164
>PTEN-P339I FSPNFKVKL	7	>PTEN-P339I FSLNFKVKL	4524	4517
>PTEN-P339I FSPNFKVKLY	84	>PTEN-P339I FSLNFKVKLY	16369	16285
>PTEN-P339I FSPNFKVKLYI	5	>PTEN-P339I FSLNFKVKLYF	2731	2726
>PTEN-P339I FSPNFKVKL	3817	>PTEN-P339I FSLNFKVKL	255	3562
>PTEN-P339I FSPNFKVKLY	191	>PTEN-P339I FSLNFKVKLY	206	15
>PTEN-P339I FSPNFKVKLYI	536	>PTEN-P339I FSLNFKVKLYF	33	503
>PTEN-P339I FSPNFKVK	3177	>PTEN-P339I FSLNFKVK	375	2802
>PTEN-P339I FSPNFKVKL	581	>PTEN-P339I FSLNFKVKL	376	205
>PTEN-P339I YFSPNFKV	149	>PTEN-P339I YFSLNFKV	231	82
>PTEN-P339I YFSPNFKV	274	>PTEN-P339I YFSLNFKV	1162	888
>PTEN-P339I YFSPNFKV	347	>PTEN-P339I YFSLNFKV	807	460
>PTEN-P339I YFSPNFKV	18	>PTEN-P339I YFSLNFKV	161	143
>PTEN-P339I YFSPNFKV	183	>PTEN-P339I YFSLNFKV	628	445
>PTEN-P339I YFSPNFKVK	422	>PTEN-P339I YFSLNFKVK	2562	2140

>PTEN-P339L YFSPNFKVKL	14	>PTEN-P339L YFSLNFKVKL	35	21
>PTEN-P339L YFSPNFKVKL	681	>PTEN-P339L YFSLNFKVKL	385	296
>PTEN-P339L YFSPNFKVKL'	13	>PTEN-P339L YFSLNFKVKLY	16	3
>PTEN-P339L YFSPNFKVKL'	449	>PTEN-P339L YFSLNFKVKLY	943	494
>PTEN-P339L YFSPNFKVKL'	207	>PTEN-P339L YFSLNFKVKLY	395	188
>PTEN-P339L YFSPNFKVK	356	>PTEN-P339L YFSLNFKVK	433	77
>PTEN-P339L RYFSPNFKV	9897	>PTEN-P339L RYFSLNFKV	352	9545
>PTEN-P339L RYFSPNFKVK	3156	>PTEN-P339L RYFSLNFKVKI	220	2936
>PTEN-P339L RYFSPNFKV	1290	>PTEN-P339L RYFSLNFKV	164	1126
>PTEN-P339L RYFSPNFKV	92	>PTEN-P339L RYFSLNFKV	201	109
>PTEN-P339L RYFSPNFKV	622	>PTEN-P339L RYFSLNFKV	213	409
>PTEN-P339L RYFSPNFK	143	>PTEN-P339L RYFSLNFK	204	61
>PTEN-P339L RYFSPNFK	41	>PTEN-P339L RYFSLNFK	30	11
>PTEN-P339L RYFSPNFK	689	>PTEN-P339L RYFSLNFK	379	310
>PTEN-P339L RYFSPNFKV	627	>PTEN-P339L RYFSLNFKV	177	450
>PTEN-P339L RYFSPNFKVK	196	>PTEN-P339L RYFSLNFKVKI	106	90
>PTEN-P339L RYFSPNFKV	725	>PTEN-P339L RYFSLNFKV	290	435
>PTEN-P339L RYFSPNFKVK	412	>PTEN-P339L RYFSLNFKVKI	236	176
>PTEN-P339L RYFSPNFK	208	>PTEN-P339L RYFSLNFK	88	120
>PTEN-P339L RYFSPNFKV	20	>PTEN-P339L RYFSLNFKV	11	9
>PTEN-P339L RYFSPNFKVK	104	>PTEN-P339L RYFSLNFKVK	93	11
>PTEN-P339L RYFSPNFKVK	5	>PTEN-P339L RYFSLNFKVKI	5	0
>PTEN-P339L RYFSPNFK	5	>PTEN-P339L RYFSLNFK	4	1
>PTEN-P339L RYFSPNFKV	209	>PTEN-P339L RYFSLNFKV	161	48
>PTEN-P339L RYFSPNFKVK	9	>PTEN-P339L RYFSLNFKVK	9	0
>PTEN-P339L RYFSPNFKVK	448	>PTEN-P339L RYFSLNFKVKI	380	68
>PTEN-P339L RYFSPNFK	15	>PTEN-P339L RYFSLNFK	10	5
>PTEN-P339L RYFSPNFKV	206	>PTEN-P339L RYFSLNFKV	86	120
>PTEN-P339L RYFSPNFKVK	658	>PTEN-P339L RYFSLNFKVK	463	195
>PTEN-P339L RYFSPNFKVK	342	>PTEN-P339L RYFSLNFKVKI	191	151
>PTEN-P339L RYFSPNFKV	238	>PTEN-P339L RYFSLNFKV	89	149
>PTEN-P339L RYFSPNFKVK	48	>PTEN-P339L RYFSLNFKVKI	28	20
>PTEN-P339L RYFSPNFK	506	>PTEN-P339L RYFSLNFK	256	250
>PTEN-P339L RYFSPNFK	23	>PTEN-P339L RYFSLNFK	19	4
>PTEN-P339L RYFSPNFKVK	24	>PTEN-P339L RYFSLNFKVK	17	7
>PTEN-P339L RYFSPNFKVK	761	>PTEN-P339L RYFSLNFKVKI	419	342
>PTEN-P339L RYFSPNFKV	223	>PTEN-P339L RYFSLNFKV	250	27
>PTEN-P339L RYFSPNFKVK	319	>PTEN-P339L RYFSLNFKVKI	340	21
>PTEN-P339L RYFSPNFK	157	>PTEN-P339L RYFSLNFK	154	3
>PTEN-P339L RYFSPNFKV	242	>PTEN-P339L RYFSLNFKV	166	76
>PTEN-P339L RYFSPNFKVK	185	>PTEN-P339L RYFSLNFKVKI	146	39
>PTEN-P339L NRYFSPNFK	331	>PTEN-P339L NRYFSLNFK	218	113
>PTEN-P339L NRYFSPNF	18	>PTEN-P339L NRYFSLNF	22	4

>PTEN-P339I NRYFSPNFKV	584	>PTEN-P339I NRYFSLNFKV	413	171
>PTEN-P339I NRYFSPNFKV	221	>PTEN-P339I NRYFSLNFKV	199	22
>PTEN-P339I NRYFSPNFK	120	>PTEN-P339I NRYFSLNFK	90	30
>PTEN-P339I NRYFSPNFKV	151	>PTEN-P339I NRYFSLNFKV	145	6
>PTEN-P339I ANRYFSPNF	389	>PTEN-P339I ANRYFSLNF	969	580
>PTEN-P339I ANRYFSPNFK	685	>PTEN-P339I ANRYFSLNFK	309	376
>PTEN-P339I ANRYFSPNF	450	>PTEN-P339I ANRYFSLNF	786	336
>PTEN-P339I ANRYFSPNFK	4	>PTEN-P339I ANRYFSLNFK	4	0
>PTEN-P339I ANRYFSPNFK	174	>PTEN-P339I ANRYFSLNFK	192	18
>PTEN-P339I ANRYFSPNFK	847	>PTEN-P339I ANRYFSLNFK	441	406
>PTEN-P339I ANRYFSPNF	860	>PTEN-P339I ANRYFSLNF	435	425
>PTEN-P339I ANRYFSPNF	13	>PTEN-P339I ANRYFSLNF	11	2
>PTEN-P339I KANRYFSP	24058	>PTEN-P339I KANRYFSL	471	23587
>PTEN-P339I KANRYFSP	15726	>PTEN-P339I KANRYFSL	144	15582
>PTEN-P339I KANRYFSPNF	46	>PTEN-P339I KANRYFSLNF	44	2
>PTEN-P339I KANRYFSPNF	12	>PTEN-P339I KANRYFSLNF	10	2
>PTEN-P339I KANRYFSP	2014	>PTEN-P339I KANRYFSL	179	1835
>PTEN-P339I KANRYFSPNF	4	>PTEN-P339I KANRYFSLNF	5	1
>PTEN-P339I KANRYFSP	5333	>PTEN-P339I KANRYFSL	485	4848
>PTEN-P339I KANRYFSPNF	17	>PTEN-P339I KANRYFSLNF	11	6
>PTEN-P339I KANRYFSPNF	416	>PTEN-P339I KANRYFSLNF	275	141
>PTEN-P339I KANRYFSPNF	469	>PTEN-P339I KANRYFSLNF	301	168
>PTEN-P339I KANRYFSPNF	279	>PTEN-P339I KANRYFSLNF	245	34
>PTEN-P339I KANRYFSP	5923	>PTEN-P339I KANRYFSL	263	5660
>PTEN-P339I KANRYFSPNF	11	>PTEN-P339I KANRYFSLNF	10	1
>PTEN-P339I KANRYFSP	19908	>PTEN-P339I KANRYFSL	260	19648
>PTEN-P339I KANRYFSPNF	29	>PTEN-P339I KANRYFSLNF	21	8
>PTEN-P339I KANRYFSPNF	373	>PTEN-P339I KANRYFSLNF	250	123
>PTEN-P339I KANRYFSP	8030	>PTEN-P339I KANRYFSL	51	7979
>PTEN-P339I KANRYFSPNF	21	>PTEN-P339I KANRYFSLNF	16	5
>PTEN-P339I DKANRYFSPN	39	>PTEN-P339I DKANRYFSLN	33	6
>PTEN-P339I PNFKVKLYF	804	>PTEN-P339I SNFKVKLYF	200	604
>PTEN-P339I PNFKVKLYFTI	4714	>PTEN-P339I SNFKVKLYFTI	35	4679
>PTEN-P339I PNFKVKLYFTI	5376	>PTEN-P339I SNFKVKLYFTI	484	4892
>PTEN-P339I PNFKVKLYFTI	5612	>PTEN-P339I SNFKVKLYFTI	460	5152
>PTEN-P339I PNFKVKLYFTI	3121	>PTEN-P339I SNFKVKLYFTI	89	3032
>PTEN-P339I PNFKVKLYF	830	>PTEN-P339I SNFKVKLYF	135	695
>PTEN-P339I PNFKVKLYF	6876	>PTEN-P339I SNFKVKLYF	67	6809
>PTEN-P339I PNFKVKLYFTI	3947	>PTEN-P339I SNFKVKLYFTI	301	3646
>PTEN-P339I SPNFKVKLYF	136	>PTEN-P339I SSNFKVKLYF	18659	18523
>PTEN-P339I SPNFKVKLY	4772	>PTEN-P339I SSNFKVKLY	235	4537
>PTEN-P339I SPNFKVKLY	2135	>PTEN-P339I SSNFKVKLY	471	1664
>PTEN-P339I SPNFKVKL	224	>PTEN-P339I SSNFKVKL	25930	25706

>PTEN-P339 $\S$ SPNFVKVLYF	97	>PTEN-P339 $\S$ SSNFVKVLYF	17208	17111
>PTEN-P339 $\S$ SPNFVKVKL	20945	>PTEN-P339 $\S$ SSNFVKVKL	138	20807
>PTEN-P339 $\S$ SPNFVKVLY	13321	>PTEN-P339 $\S$ SSNFVKVLY	14	13307
>PTEN-P339 $\S$ SPNFVKVLYF	15854	>PTEN-P339 $\S$ SSNFVKVLYF	19	15835
>PTEN-P339 $\S$ SPNFVKVLYF	19121	>PTEN-P339 $\S$ SSNFVKVLYF	251	18870
>PTEN-P339 $\S$ SPNFVKVLY	2197	>PTEN-P339 $\S$ SSNFVKVLY	80	2117
>PTEN-P339 $\S$ SPNFVKVLYF	3308	>PTEN-P339 $\S$ SSNFVKVLYF	33	3275
>PTEN-P339 $\S$ SPNFVKVLY	167	>PTEN-P339 $\S$ SSNFVKVLY	13097	12930
>PTEN-P339 $\S$ SPNFVKVLY	2386	>PTEN-P339 $\S$ SSNFVKVLY	460	1926
>PTEN-P339 $\S$ FSPNFVKVKL	122	>PTEN-P339 $\S$ FSSNFVKVKL	653	531
>PTEN-P339 $\S$ FSPNFVKVLY	238	>PTEN-P339 $\S$ FSSNFVKVLY	74	164
>PTEN-P339 $\S$ FSPNFVKVKL	2943	>PTEN-P339 $\S$ FSSNFVKVKL	452	2491
>PTEN-P339 $\S$ FSPNFVKV	2038	>PTEN-P339 $\S$ FSSNFVKV	166	1872
>PTEN-P339 $\S$ FSPNFVKVLYI	186	>PTEN-P339 $\S$ FSSNFVKVLYI	1375	1189
>PTEN-P339 $\S$ FSPNFVKVLY	701	>PTEN-P339 $\S$ FSSNFVKVLY	293	408
>PTEN-P339 $\S$ FSPNFVKVLY	138	>PTEN-P339 $\S$ FSSNFVKVLY	49	89
>PTEN-P339 $\S$ FSPNFVKV	695	>PTEN-P339 $\S$ FSSNFVKV	123	572
>PTEN-P339 $\S$ FSPNFVKVLYI	2633	>PTEN-P339 $\S$ FSSNFVKVLYI	405	2228
>PTEN-P339 $\S$ FSPNFVKVKL	2153	>PTEN-P339 $\S$ FSSNFVKVKL	423	1730
>PTEN-P339 $\S$ FSPNFVKVLY	548	>PTEN-P339 $\S$ FSSNFVKVLY	91	457
>PTEN-P339 $\S$ FSPNFVKVLYI	122	>PTEN-P339 $\S$ FSSNFVKVLYI	27	95
>PTEN-P339 $\S$ FSPNFVKVKL	4893	>PTEN-P339 $\S$ FSSNFVKVKL	226	4667
>PTEN-P339 $\S$ FSPNFVKVLY	493	>PTEN-P339 $\S$ FSSNFVKVLY	17	476
>PTEN-P339 $\S$ FSPNFVKVLYI	571	>PTEN-P339 $\S$ FSSNFVKVLYI	24	547
>PTEN-P339 $\S$ FSPNFVKVLYI	4211	>PTEN-P339 $\S$ FSSNFVKVLYI	40	4171
>PTEN-P339 $\S$ FSPNFVKVKL	7	>PTEN-P339 $\S$ FSSNFVKVKL	1290	1283
>PTEN-P339 $\S$ FSPNFVKVLY	84	>PTEN-P339 $\S$ FSSNFVKVLY	10155	10071
>PTEN-P339 $\S$ FSPNFVKVLYI	5	>PTEN-P339 $\S$ FSSNFVKVLYI	679	674
>PTEN-P339 $\S$ FSPNFVKVKL	3817	>PTEN-P339 $\S$ FSSNFVKVKL	291	3526
>PTEN-P339 $\S$ FSPNFVKVLY	191	>PTEN-P339 $\S$ FSSNFVKVLY	47	144
>PTEN-P339 $\S$ FSPNFVKVLYI	536	>PTEN-P339 $\S$ FSSNFVKVLYI	32	504
>PTEN-P339 $\S$ FSPNFVKVKL	581	>PTEN-P339 $\S$ FSSNFVKVKL	408	173
>PTEN-P339 $\S$ YFSPNFVKV	149	>PTEN-P339 $\S$ YFSSNFVKV	109	40
>PTEN-P339 $\S$ YFSPNFVKV	274	>PTEN-P339 $\S$ YFSSNFVKV	388	114
>PTEN-P339 $\S$ YFSPNFVKV	347	>PTEN-P339 $\S$ YFSSNFVKV	421	74
>PTEN-P339 $\S$ YFSPNFVKV	18	>PTEN-P339 $\S$ YFSSNFVKV	37	19
>PTEN-P339 $\S$ YFSPNFVKV	183	>PTEN-P339 $\S$ YFSSNFVKV	352	169
>PTEN-P339 $\S$ YFSPNFVKVK	422	>PTEN-P339 $\S$ YFSSNFVKVK	908	486
>PTEN-P339 $\S$ YFSPNFVKVKL	14	>PTEN-P339 $\S$ YFSSNFVKVKL	19	5
>PTEN-P339 $\S$ YFSPNFVKVKL	681	>PTEN-P339 $\S$ YFSSNFVKVKL	449	232
>PTEN-P339 $\S$ YFSPNFVKVKL	13	>PTEN-P339 $\S$ YFSSNFVKVKL	14	1
>PTEN-P339 $\S$ YFSPNFVKVKL	624	>PTEN-P339 $\S$ YFSSNFVKVKL	447	177
>PTEN-P339 $\S$ YFSPNFVKVKL	449	>PTEN-P339 $\S$ YFSSNFVKVKL	409	40

>PTEN-P339YFSPNFKVKL	705	>PTEN-P339YFSSNFKVKL	367	338
>PTEN-P339YFSPNFKVKL	207	>PTEN-P339YFSSNFKVKL	226	19
>PTEN-P339YFSPNFKVK	356	>PTEN-P339YFSSNFKVK	459	103
>PTEN-P339RYFSPNFKV	9897	>PTEN-P339RYFSSNFKV	343	9554
>PTEN-P339RYFSPNFKVK	3156	>PTEN-P339RYFSSNFKVK	173	2983
>PTEN-P339RYFSPNFKV	1290	>PTEN-P339RYFSSNFKV	398	892
>PTEN-P339RYFSPNFKV	92	>PTEN-P339RYFSSNFKV	305	213
>PTEN-P339RYFSPNFKV	622	>PTEN-P339RYFSSNFKV	437	185
>PTEN-P339RYFSPNFKV	634	>PTEN-P339RYFSSNFKV	422	212
>PTEN-P339RYFSPNFK	143	>PTEN-P339RYFSSNFK	111	32
>PTEN-P339RYFSPNFK	41	>PTEN-P339RYFSSNFK	31	10
>PTEN-P339RYFSPNFK	689	>PTEN-P339RYFSSNFK	424	265
>PTEN-P339RYFSPNFKV	627	>PTEN-P339RYFSSNFKV	114	513
>PTEN-P339RYFSPNFKVK	196	>PTEN-P339RYFSSNFKVK	81	115
>PTEN-P339RYFSPNFKV	725	>PTEN-P339RYFSSNFKV	422	303
>PTEN-P339RYFSPNFKVK	412	>PTEN-P339RYFSSNFKVK	298	114
>PTEN-P339RYFSPNFK	208	>PTEN-P339RYFSSNFK	131	77
>PTEN-P339RYFSPNFKV	20	>PTEN-P339RYFSSNFKV	19	1
>PTEN-P339RYFSPNFKVK	104	>PTEN-P339RYFSSNFKVK	100	4
>PTEN-P339RYFSPNFKVK	5	>PTEN-P339RYFSSNFKVK	5	0
>PTEN-P339RYFSPNFK	5	>PTEN-P339RYFSSNFK	4	1
>PTEN-P339RYFSPNFKV	209	>PTEN-P339RYFSSNFKV	52	157
>PTEN-P339RYFSPNFKVK	9	>PTEN-P339RYFSSNFKVK	7	2
>PTEN-P339RYFSPNFKVK	448	>PTEN-P339RYFSSNFKVK	172	276
>PTEN-P339RYFSPNFK	15	>PTEN-P339RYFSSNFK	12	3
>PTEN-P339RYFSPNFKV	206	>PTEN-P339RYFSSNFKV	161	45
>PTEN-P339RYFSPNFKVK	342	>PTEN-P339RYFSSNFKVK	292	50
>PTEN-P339RYFSPNFKV	238	>PTEN-P339RYFSSNFKV	311	73
>PTEN-P339RYFSPNFKVK	48	>PTEN-P339RYFSSNFKVK	62	14
>PTEN-P339RYFSPNFK	506	>PTEN-P339RYFSSNFK	189	317
>PTEN-P339RYFSPNFKVK	514	>PTEN-P339RYFSSNFKVK	238	276
>PTEN-P339RYFSPNFK	23	>PTEN-P339RYFSSNFK	22	1
>PTEN-P339RYFSPNFKVK	24	>PTEN-P339RYFSSNFKVK	23	1
>PTEN-P339RYFSPNFKV	223	>PTEN-P339RYFSSNFKV	319	96
>PTEN-P339RYFSPNFKVK	319	>PTEN-P339RYFSSNFKVK	391	72
>PTEN-P339RYFSPNFK	157	>PTEN-P339RYFSSNFK	164	7
>PTEN-P339RYFSPNFKV	242	>PTEN-P339RYFSSNFKV	164	78
>PTEN-P339RYFSPNFKVK	185	>PTEN-P339RYFSSNFKVK	149	36
>PTEN-P339NRYFSPNFK	331	>PTEN-P339NRYFSSNFK	181	150
>PTEN-P339NRYFSPNF	18	>PTEN-P339NRYFSSNF	10	8
>PTEN-P339NRYFSPNFKV	221	>PTEN-P339NRYFSSNFKV	148	73
>PTEN-P339NRYFSPNFK	120	>PTEN-P339NRYFSSNFK	311	191
>PTEN-P339NRYFSPNFKV	151	>PTEN-P339NRYFSSNFKV	316	165

>PTEN-P339ϵANRYFSPNF	389	>PTEN-P339ϵANRYFSSNF	414	25
>PTEN-P339ϵANRYFSPNFK	685	>PTEN-P339ϵANRYFSSNFK	330	355
>PTEN-P339ϵANRYFSPNF	450	>PTEN-P339ϵANRYFSSNF	1931	1481
>PTEN-P339ϵANRYFSPNFK	4	>PTEN-P339ϵANRYFSSNFK	4	0
>PTEN-P339ϵANRYFSPNFK	174	>PTEN-P339ϵANRYFSSNFK	183	9
>PTEN-P339ϵANRYFSPNF	860	>PTEN-P339ϵANRYFSSNF	371	489
>PTEN-P339ϵANRYFSPNF	13	>PTEN-P339ϵANRYFSSNF	7	6
>PTEN-P339ϵANRYFSPNF	685	>PTEN-P339ϵANRYFSSNF	17	668
>PTEN-P339ϵKANRYFSPNF	46	>PTEN-P339ϵKANRYFSSNF	41	5
>PTEN-P339ϵKANRYFSPNF	12	>PTEN-P339ϵKANRYFSSNF	12	0
>PTEN-P339ϵKANRYFSPNF	4	>PTEN-P339ϵKANRYFSSNF	4	0
>PTEN-P339ϵKANRYFSPNF	17	>PTEN-P339ϵKANRYFSSNF	16	1
>PTEN-P339ϵKANRYFSPNF	416	>PTEN-P339ϵKANRYFSSNF	509	93
>PTEN-P339ϵKANRYFSPNF	469	>PTEN-P339ϵKANRYFSSNF	315	154
>PTEN-P339ϵKANRYFSPNF	279	>PTEN-P339ϵKANRYFSSNF	164	115
>PTEN-P339ϵKANRYFSPNF	11	>PTEN-P339ϵKANRYFSSNF	7	4
>PTEN-P339ϵKANRYFSPNF	29	>PTEN-P339ϵKANRYFSSNF	23	6
>PTEN-P339ϵKANRYFSPNF	373	>PTEN-P339ϵKANRYFSSNF	276	97
>PTEN-P339ϵKANRYFSPNF	21	>PTEN-P339ϵKANRYFSSNF	22	1
>PTEN-P339ϵDKANRYFSPN	39	>PTEN-P339ϵDKANRYFSSN	23	16
>PTEN-P38L- PAERLEGVY	1298	>PTEN-P38L- LAERLEGVY	308	990
>PTEN-P38L- PAERLEGVYR	3534	>PTEN-P38L- LAERLEGVYR	141	3393
>PTEN-P38L- PAERLEGVY	4209	>PTEN-P38L- LAERLEGVY	113	4096
>PTEN-P38L- PAERLEGVY	8581	>PTEN-P38L- LAERLEGVY	194	8387
>PTEN-P38L- FPAERLEGVY	15850	>PTEN-P38L- FLAERLEGVY	370	15480
>PTEN-P38L- FPAERLEGV	5875	>PTEN-P38L- FLAERLEGV	6	5869
>PTEN-P38L- FPAERLEG	26791	>PTEN-P38L- FLAERLEG	35	26756
>PTEN-P38L- FPAERLEGV	933	>PTEN-P38L- FLAERLEGV	1	932
>PTEN-P38L- FPAERLEGVY	26122	>PTEN-P38L- FLAERLEGVYI	40	26082
>PTEN-P38L- FPAERLEG	22790	>PTEN-P38L- FLAERLEG	194	22596
>PTEN-P38L- FPAERLEGV	1421	>PTEN-P38L- FLAERLEGV	2	1419
>PTEN-P38L- FPAERLEG	21370	>PTEN-P38L- FLAERLEG	467	20903
>PTEN-P38L- FPAERLEGV	65	>PTEN-P38L- FLAERLEGV	3	62
>PTEN-P38L- FPAERLEG	27825	>PTEN-P38L- FLAERLEG	356	27469
>PTEN-P38L- FPAERLEGV	607	>PTEN-P38L- FLAERLEGV	1	606
>PTEN-P38L- FPAERLEGVY	27454	>PTEN-P38L- FLAERLEGVYI	278	27176
>PTEN-P38L- FPAERLEGV	7024	>PTEN-P38L- FLAERLEGV	2	7022
>PTEN-P38L- FPAERLEGV	3005	>PTEN-P38L- FLAERLEGV	4	3001
>PTEN-P38L- FPAERLEGV	11460	>PTEN-P38L- FLAERLEGV	2	11458
>PTEN-P38L- FPAERLEG	35982	>PTEN-P38L- FLAERLEG	103	35879
>PTEN-P38L- FPAERLEGV	1335	>PTEN-P38L- FLAERLEGV	1	1334
>PTEN-P38L- FPAERLEGVY	36629	>PTEN-P38L- FLAERLEGVY	394	36235
>PTEN-P38L- FPAERLEGVY	35636	>PTEN-P38L- FLAERLEGVYI	136	35500

>PTEN-P38L- FPAERLEGVY	1850	>PTEN-P38L- FLAERLEGVYI	223	1627
>PTEN-P38L- FPAERLEGVY	125	>PTEN-P38L- FLAERLEGVYI	23	102
>PTEN-P38L- FPAERLEGV	277	>PTEN-P38L- FLAERLEGV	47	230
>PTEN-P38L- FPAERLEGV	67	>PTEN-P38L- FLAERLEGV	22	45
>PTEN-P38L- FPAERLEGVY	6228	>PTEN-P38L- FLAERLEGVY	187	6041
>PTEN-P38L- FPAERLEGV	226	>PTEN-P38L- FLAERLEGV	25367	25141
>PTEN-P38L- FPAERLEGVY	7025	>PTEN-P38L- FLAERLEGVY	72	6953
>PTEN-P38L- FPAERLEGVY	481	>PTEN-P38L- FLAERLEGVY	37	444
>PTEN-P38L- FPAERLEGVY	17	>PTEN-P38L- FLAERLEGVY	18909	18892
>PTEN-P38L- FPAERLEGV	250	>PTEN-P38L- FLAERLEGV	23182	22932
>PTEN-P38L- FPAERLEGVY	170	>PTEN-P38L- FLAERLEGVY	15637	15467
>PTEN-P38L- FPAERLEG	462	>PTEN-P38L- FLAERLEG	27694	27232
>PTEN-P38L- FPAERLEGV	85	>PTEN-P38L- FLAERLEGV	24740	24655
>PTEN-P38L- FPAERLEGVY	4307	>PTEN-P38L- FLAERLEGVY	323	3984
>PTEN-P38L- FPAERLEGVY	29	>PTEN-P38L- FLAERLEGVY	1514	1485
>PTEN-P38L- FPAERLEGVY	82	>PTEN-P38L- FLAERLEGVY	18752	18670
>PTEN-P38L- FPAERLEGVY	459	>PTEN-P38L- FLAERLEGVYI	227	232
>PTEN-P38L- IYPNIIAMGFF	3159	>PTEN-P38L- IYPNIIAMGFL	84	3075
>PTEN-P38L- IYPNIIAMGFF	1073	>PTEN-P38L- IYPNIIAMGFL	6	1067
>PTEN-P38L- IYPNIIAMGFF	8521	>PTEN-P38L- IYPNIIAMGFL	36	8485
>PTEN-P38L- GFPAERLEGV	291	>PTEN-P38L- GFLAERLEGV	48	243
>PTEN-P38L- GFPAERLEGV	821	>PTEN-P38L- GFLAERLEGV	370	451
>PTEN-P38L- MGFPFAERLEC	257	>PTEN-P38L- MGFLAERLEC	608	351
>PTEN-P38L- MGFPFAERLEC	186	>PTEN-P38L- MGFLAERLEC	448	262
>PTEN-P38L- MGFPFAERLEC	355	>PTEN-P38L- MGFLAERLEC	1415	1060
>PTEN-P38L- MGFPFAERL	378	>PTEN-P38L- MGFLAERL	1178	800
>PTEN-P38L- MGFPFAERLEC	46	>PTEN-P38L- MGFLAERLEC	139	93
>PTEN-P38L- MGFPFAERL	258	>PTEN-P38L- MGFLAERL	1503	1245
>PTEN-P38L- AMGFPAERL	365	>PTEN-P38L- AMGFLAERL	53	312
>PTEN-P38L- AMGFPAERL	15	>PTEN-P38L- AMGFLAERL	26	11
>PTEN-P38L- AMGFPAERL	454	>PTEN-P38L- AMGFLAERL	369	85
>PTEN-P38L- AMGFPAERL	403	>PTEN-P38L- AMGFLAERL	190	213
>PTEN-P38L- AMGFPAERL	195	>PTEN-P38L- AMGFLAERL	147	48
>PTEN-P38L- AMGFPAERL	29	>PTEN-P38L- AMGFLAERL	23	6
>PTEN-P38L- AMGFPAER	75	>PTEN-P38L- AMGFLAER	32	43
>PTEN-P38L- AMGFPAERL	1075	>PTEN-P38L- AMGFLAERL	461	614
>PTEN-P38L- IAMGFPAERL	65	>PTEN-P38L- IAMGFLAERL	68	3
>PTEN-P38L- IAMGFPAERL	1215	>PTEN-P38L- IAMGFLAERL	373	842
>PTEN-P38L- IAMGFPAERL	445	>PTEN-P38L- IAMGFLAERL	547	102
>PTEN-P38L- IAMGFPAER	222	>PTEN-P38L- IAMGFLAER	209	13
>PTEN-P38L- IAMGFPAER	32	>PTEN-P38L- IAMGFLAER	15	17
>PTEN-P38L- IAMGFPAER	58	>PTEN-P38L- IAMGFLAER	34	24
>PTEN-P38L- IAMGFPAER	8	>PTEN-P38L- IAMGFLAER	7	1



>PTEN-P38L- IAMGFPAERL	19	>PTEN-P38L- IAMGFLAERL	24	5
>PTEN-P38L- IAMGFPAERL	332	>PTEN-P38L- IAMGFLAERL	357	25
>PTEN-P38L- IAMGFPAERL	476	>PTEN-P38L- IAMGFLAERL	453	23
>PTEN-P38L- IAMGFPAER	268	>PTEN-P38L- IAMGFLAER	489	221
>PTEN-P38L- IIAMGFPA	369	>PTEN-P38L- IIAMGFLA	613	244
>PTEN-P38L- IIAMGFPA	311	>PTEN-P38L- IIAMGFLA	222	89
>PTEN-P38L- IIAMGFPAER	200	>PTEN-P38L- IIAMGFLAERI	118	82
>PTEN-P38L- IIAMGFPA	65	>PTEN-P38L- IIAMGFLA	135	70
>PTEN-P38L- IIAMGFPAER	654	>PTEN-P38L- IIAMGFLAERI	477	177
>PTEN-P38L- IIAMGFPA	35	>PTEN-P38L- IIAMGFLA	96	61
>PTEN-P38L- IIAMGFPAER	213	>PTEN-P38L- IIAMGFLAERI	275	62
>PTEN-P38L- IIAMGFPAER	471	>PTEN-P38L- IIAMGFLAERI	817	346
>PTEN-P38L- IIAMGFPA	206	>PTEN-P38L- IIAMGFLA	221	15
>PTEN-P38L- IIAMGFPAER	73	>PTEN-P38L- IIAMGFLAERI	103	30
>PTEN-P38L- IIAMGFPAER	535	>PTEN-P38L- IIAMGFLAER	339	196
>PTEN-P38L- IIAMGFPAER	83	>PTEN-P38L- IIAMGFLAER	54	29
>PTEN-P38L- IIAMGFPAER	468	>PTEN-P38L- IIAMGFLAER	122	346
>PTEN-P38L- IIAMGFPAER	12	>PTEN-P38L- IIAMGFLAER	9	3
>PTEN-P38L- IIAMGFPAER	273	>PTEN-P38L- IIAMGFLAER	239	34
>PTEN-P38L- NIIAMGFP	11267	>PTEN-P38L- NIIAMGFL	119	11148
>PTEN-P38L- NIIAMGFPA	391	>PTEN-P38L- NIIAMGFLA	358	33
>PTEN-P38L- NIIAMGFP	14042	>PTEN-P38L- NIIAMGFL	191	13851
>PTEN-P38L- NIIAMGFPA	162	>PTEN-P38L- NIIAMGFLA	364	202
>PTEN-P38L- NIIAMGFP	12677	>PTEN-P38L- NIIAMGFL	137	12540
>PTEN-P38L- NIIAMGFPA	32	>PTEN-P38L- NIIAMGFLA	79	47
>PTEN-P38L- NIIAMGFP	10178	>PTEN-P38L- NIIAMGFL	153	10025
>PTEN-P38L- NIIAMGFPAE	150	>PTEN-P38L- NIIAMGFLAE	100	50
>PTEN-P38L- NIIAMGFPAE	115	>PTEN-P38L- NIIAMGFLAE	83	32
>PTEN-P38L- NIIAMGFPAE	8	>PTEN-P38L- NIIAMGFLAE	7	1
>PTEN-P38L- NIIAMGFP	9410	>PTEN-P38L- NIIAMGFL	48	9362
>PTEN-P38L- NIIAMGFPA	28	>PTEN-P38L- NIIAMGFLA	86	58
>PTEN-P38L- NIIAMGFP	14373	>PTEN-P38L- NIIAMGFL	284	14089
>PTEN-P38L- NIIAMGFPA	154	>PTEN-P38L- NIIAMGFLA	946	792
>PTEN-P38L- NIIAMGFPAE	235	>PTEN-P38L- NIIAMGFLAE	287	52
>PTEN-P38L- YPNIIAMGFP	36802	>PTEN-P38L- YPNIIAMGFL	200	36602
>PTEN-P38L- YPNIIAMGFP	91	>PTEN-P38L- YPNIIAMGFL	1580	1489
>PTEN-P38L- YPNIIAMGFP	37	>PTEN-P38L- YPNIIAMGFL	318	281
>PTEN-P38L- YPNIIAMGFP	6	>PTEN-P38L- YPNIIAMGFL	8	2
>PTEN-P38S- PAERLEGVY	1298	>PTEN-P38S- SAERLEGVY	185	1113
>PTEN-P38S- PAERLEGVYR	5444	>PTEN-P38S- SAERLEGVYR	434	5010
>PTEN-P38S- PAERLEGVYR	5115	>PTEN-P38S- SAERLEGVYR	448	4667
>PTEN-P38S- PAERLEGVYR	3534	>PTEN-P38S- SAERLEGVYR	70	3464
>PTEN-P38S- PAERLEGVY	8581	>PTEN-P38S- SAERLEGVY	144	8437

>PTEN-P38S- FPAERLEGVY	15850	>PTEN-P38S- FSAERLEGVY	99	15751
>PTEN-P38S- FPAERLEGV	5875	>PTEN-P38S- FSAERLEGV	54	5821
>PTEN-P38S- FPAERLEGV	933	>PTEN-P38S- FSAERLEGV	10	923
>PTEN-P38S- FPAERLEGV	1421	>PTEN-P38S- FSAERLEGV	17	1404
>PTEN-P38S- FPAERLEGV	65	>PTEN-P38S- FSAERLEGV	11	54
>PTEN-P38S- FPAERLEGV	607	>PTEN-P38S- FSAERLEGV	41	566
>PTEN-P38S- FPAERLEGV	3005	>PTEN-P38S- FSAERLEGV	281	2724
>PTEN-P38S- FPAERLEGV	1335	>PTEN-P38S- FSAERLEGV	95	1240
>PTEN-P38S- FPAERLEGVY	3652	>PTEN-P38S- FSAERLEGVY	262	3390
>PTEN-P38S- FPAERLEGVY	1609	>PTEN-P38S- FSAERLEGVY	79	1530
>PTEN-P38S- FPAERLEGVY	8255	>PTEN-P38S- FSAERLEGVY	212	8043
>PTEN-P38S- FPAERLEGVY	8877	>PTEN-P38S- FSAERLEGVY	314	8563
>PTEN-P38S- FPAERLEGVY	1850	>PTEN-P38S- FSAERLEGVY	394	1456
>PTEN-P38S- FPAERLEGVY	125	>PTEN-P38S- FSAERLEGVY	8	117
>PTEN-P38S- FPAERLEGV	277	>PTEN-P38S- FSAERLEGV	11	266
>PTEN-P38S- FPAERLEGV	67	>PTEN-P38S- FSAERLEGV	34	33
>PTEN-P38S- FPAERLEGV	226	>PTEN-P38S- FSAERLEGV	26590	26364
>PTEN-P38S- FPAERLEGVY	7025	>PTEN-P38S- FSAERLEGVY	130	6895
>PTEN-P38S- FPAERLEGVY	481	>PTEN-P38S- FSAERLEGVY	1132	651
>PTEN-P38S- FPAERLEGVY	18346	>PTEN-P38S- FSAERLEGVY	26	18320
>PTEN-P38S- FPAERLEGVY	17	>PTEN-P38S- FSAERLEGVY	8106	8089
>PTEN-P38S- FPAERLEGV	250	>PTEN-P38S- FSAERLEGV	18327	18077
>PTEN-P38S- FPAERLEGVY	170	>PTEN-P38S- FSAERLEGVY	12248	12078
>PTEN-P38S- FPAERLEG	462	>PTEN-P38S- FSAERLEG	21754	21292
>PTEN-P38S- FPAERLEGV	85	>PTEN-P38S- FSAERLEGV	18188	18103
>PTEN-P38S- FPAERLEGVY	20940	>PTEN-P38S- FSAERLEGVY	431	20509
>PTEN-P38S- FPAERLEGVY	4307	>PTEN-P38S- FSAERLEGVY	39	4268
>PTEN-P38S- FPAERLEGVY	29	>PTEN-P38S- FSAERLEGVY	3029	3000
>PTEN-P38S- FPAERLEGVY	82	>PTEN-P38S- FSAERLEGVY	13037	12955
>PTEN-P38S- FPAERLEGVY	459	>PTEN-P38S- FSAERLEGVY	723	264
>PTEN-P38S- GFPAERLEGV	291	>PTEN-P38S- GFSAERLEGV	69	222
>PTEN-P38S- GFPAERLEGV	821	>PTEN-P38S- GFSAERLEGV	144	677
>PTEN-P38S- GFPAERLEGV	1336	>PTEN-P38S- GFSAERLEGV	181	1155
>PTEN-P38S- MGFPFAERLE	257	>PTEN-P38S- MGFSFAERLE	253	4
>PTEN-P38S- MGFPFAERLE	186	>PTEN-P38S- MGFSFAERLE	381	195
>PTEN-P38S- MGFPFAERLE	355	>PTEN-P38S- MGFSFAERLE	449	94
>PTEN-P38S- MGFPFAERL	378	>PTEN-P38S- MGFSFAERL	786	408
>PTEN-P38S- MGFPFAERLE	46	>PTEN-P38S- MGFSFAERLE	73	27
>PTEN-P38S- MGFPFAERL	258	>PTEN-P38S- MGFSFAERL	1091	833
>PTEN-P38S- AMGFPAERL	365	>PTEN-P38S- AMGFSAERL	70	295
>PTEN-P38S- AMGFPAERL	15	>PTEN-P38S- AMGFSAERL	39	24
>PTEN-P38S- AMGFPAERL	454	>PTEN-P38S- AMGFSAERL	303	151
>PTEN-P38S- AMGFPAERL	403	>PTEN-P38S- AMGFSAERL	360	43

>PTEN-P38S- AMGFPAERL	195	>PTEN-P38S- AMGFAERL	93	102
>PTEN-P38S- AMGFPAERL	29	>PTEN-P38S- AMGFAERL	19	10
>PTEN-P38S- AMGFPAER	75	>PTEN-P38S- AMGFAER	53	22
>PTEN-P38S- IAMGFPAERL	65	>PTEN-P38S- IAMGFAERL	89	24
>PTEN-P38S- IAMGFPAERL	445	>PTEN-P38S- IAMGFAERL	831	386
>PTEN-P38S- IAMGFPAER	222	>PTEN-P38S- IAMGFAER	187	35
>PTEN-P38S- IAMGFPAER	32	>PTEN-P38S- IAMGFAER	26	6
>PTEN-P38S- IAMGFPAER	58	>PTEN-P38S- IAMGFAER	51	7
>PTEN-P38S- IAMGFPAER	8	>PTEN-P38S- IAMGFAER	6	2
>PTEN-P38S- IAMGFPAERL	19	>PTEN-P38S- IAMGFAERL	11	8
>PTEN-P38S- IAMGFPAERL	332	>PTEN-P38S- IAMGFAERL	310	22
>PTEN-P38S- IAMGFPAERL	476	>PTEN-P38S- IAMGFAERL	374	102
>PTEN-P38S- IAMGFPAER	268	>PTEN-P38S- IAMGFAER	244	24
>PTEN-P38S- IIAMGFPA	369	>PTEN-P38S- IIAMGFSA	884	515
>PTEN-P38S- IIAMGFPA	311	>PTEN-P38S- IIAMGFSA	322	11
>PTEN-P38S- IIAMGFPAER	200	>PTEN-P38S- IIAMGFSAERL	95	105
>PTEN-P38S- IIAMGFPA	65	>PTEN-P38S- IIAMGFSA	59	6
>PTEN-P38S- IIAMGFPAER	654	>PTEN-P38S- IIAMGFSAERL	236	418
>PTEN-P38S- IIAMGFPA	35	>PTEN-P38S- IIAMGFSA	66	31
>PTEN-P38S- IIAMGFPAER	213	>PTEN-P38S- IIAMGFSAERL	290	77
>PTEN-P38S- IIAMGFPAER	471	>PTEN-P38S- IIAMGFSAERL	843	372
>PTEN-P38S- IIAMGFPA	206	>PTEN-P38S- IIAMGFSA	119	87
>PTEN-P38S- IIAMGFPAER	73	>PTEN-P38S- IIAMGFSAERL	77	4
>PTEN-P38S- IIAMGFPAER	535	>PTEN-P38S- IIAMGFSAER	373	162
>PTEN-P38S- IIAMGFPAER	83	>PTEN-P38S- IIAMGFSAER	76	7
>PTEN-P38S- IIAMGFPAER	468	>PTEN-P38S- IIAMGFSAER	180	288
>PTEN-P38S- IIAMGFPAER	12	>PTEN-P38S- IIAMGFSAER	8	4
>PTEN-P38S- IIAMGFPAER	273	>PTEN-P38S- IIAMGFSAER	327	54
>PTEN-P38S- NIIAMGFPA	391	>PTEN-P38S- NIIAMGFSA	556	165
>PTEN-P38S- NIIAMGFPA	162	>PTEN-P38S- NIIAMGFSA	239	77
>PTEN-P38S- NIIAMGFPA	32	>PTEN-P38S- NIIAMGFSA	53	21
>PTEN-P38S- NIIAMGFPAE	150	>PTEN-P38S- NIIAMGFSAE	179	29
>PTEN-P38S- NIIAMGFPAE	115	>PTEN-P38S- NIIAMGFSAE	122	7
>PTEN-P38S- NIIAMGFPAE	8	>PTEN-P38S- NIIAMGFSAE	7	1
>PTEN-P38S- NIIAMGFPA	28	>PTEN-P38S- NIIAMGFSA	123	95
>PTEN-P38S- NIIAMGFPA	154	>PTEN-P38S- NIIAMGFSA	568	414
>PTEN-P38S- NIIAMGFPAE	235	>PTEN-P38S- NIIAMGFSAE	254	19
>PTEN-P38S- YPNIIAMGFP	91	>PTEN-P38S- YPNIIAMGFS	165	74
>PTEN-P38S- YPNIIAMGFP	37	>PTEN-P38S- YPNIIAMGFS	91	54
>PTEN-P38S- YPNIIAMGFP	1157	>PTEN-P38S- YPNIIAMGFS	464	693
>PTEN-P38S- YPNIIAMGFP	6	>PTEN-P38S- YPNIIAMGFS	8	2
>PTEN-P95L- PPQLELIKPF	9317	>PTEN-P95L- LPQLELIKPF	171	9146
>PTEN-P95L- PPQLELIKPF	1219	>PTEN-P95L- LPQLELIKPF	181	1038

>PTEN-P95L- PPQLELIKPF	2859	>PTEN-P95L- LPQLELIKPF	124	2735
>PTEN-P95L- NPPQLELIKPF	483	>PTEN-P95L- NLPQLELIKPF	7828	7345
>PTEN-P95L- NPPQLELI	28904	>PTEN-P95L- NLPQLELI	185	28719
>PTEN-P95L- NPPQLELI	30090	>PTEN-P95L- NLPQLELI	351	29739
>PTEN-P95L- NPPQLELI	36774	>PTEN-P95L- NLPQLELI	360	36414
>PTEN-P95L- NPPQLELIKPF	69	>PTEN-P95L- NLPQLELIKPF	3968	3899
>PTEN-P95L- HNPPQLELI	217	>PTEN-P95L- HNLPQLELI	76	141
>PTEN-P95L- HNPPQLELI	680	>PTEN-P95L- HNLPQLELI	415	265
>PTEN-P95L- HNPPQLELI	3441	>PTEN-P95L- HNLPQLELI	395	3046
>PTEN-P95L- DHNPPQLEL	248	>PTEN-P95L- DHNLPQLEL	309	61
>PTEN-P95L- EDHNPQLEL	1216	>PTEN-P95L- EDHNPQLEL	242	974
>PTEN-P95L- EDHNPQQL	4690	>PTEN-P95L- EDHNPQQL	465	4225
>PTEN-P95L- EDHNPQLEL	235	>PTEN-P95L- EDHNPQLEL	123	112
>PTEN-P95L- FEDHNPQQL	1032	>PTEN-P95L- FEDHNPQQL	169	863
>PTEN-P95L- FEDHNPQLE	1486	>PTEN-P95L- FEDHNPQLE	478	1008
>PTEN-P95L- FEDHNPQQL	6151	>PTEN-P95L- FEDHNPQQL	388	5763
>PTEN-P95L- FEDHNPQQL	169	>PTEN-P95L- FEDHNPQQL	871	702
>PTEN-P95L- FEDHNPQLE	275	>PTEN-P95L- FEDHNPQLE	680	405
>PTEN-P95L- FEDHNPQQL	116	>PTEN-P95L- FEDHNPQQL	49	67
>PTEN-P95L- FEDHNPQLE	47	>PTEN-P95L- FEDHNPQLE	32	15
>PTEN-P95L- FEDHNPQQL	314	>PTEN-P95L- FEDHNPQQL	104	210
>PTEN-P95L- FEDHNPQLE	186	>PTEN-P95L- FEDHNPQLE	103	83
>PTEN-P95L- FEDHNPQQL	128	>PTEN-P95L- FEDHNPQQL	27	101
>PTEN-P95L- FEDHNPQLE	802	>PTEN-P95L- FEDHNPQLE	265	537
>PTEN-P95L- YPFEDHNP	31700	>PTEN-P95L- YPFEDHNL	25	31675
>PTEN-P95L- YPFEDHNPPC	43	>PTEN-P95L- YPFEDHNLPC	40	3
>PTEN-P95L- YPFEDHNP	13296	>PTEN-P95L- YPFEDHNL	481	12815
>PTEN-P95L- YPFEDHNPPC	145	>PTEN-P95L- YPFEDHNLPC	138	7
>PTEN-P95L- YPFEDHNP	23477	>PTEN-P95L- YPFEDHNL	244	23233
>PTEN-P95L- YPFEDHNPPC	145	>PTEN-P95L- YPFEDHNLPC	167	22
>PTEN-P95L- YPFEDHNP	1138	>PTEN-P95L- YPFEDHNL	41	1097
>PTEN-P95L- YPFEDHNPP	145	>PTEN-P95L- YPFEDHNLP	2025	1880
>PTEN-P95L- YPFEDHNPPC	670	>PTEN-P95L- YPFEDHNLPC	340	330
>PTEN-P95L- YPFEDHNPPC	43	>PTEN-P95L- YPFEDHNLPC	58	15
>PTEN-P95L- YPFEDHNP	17235	>PTEN-P95L- YPFEDHNL	61	17174
>PTEN-P95L- YPFEDHNPPC	22	>PTEN-P95L- YPFEDHNLPC	46	24
>PTEN-P95L- YPFEDHNP	6327	>PTEN-P95L- YPFEDHNL	109	6218
>PTEN-P95L- YPFEDHNPP	291	>PTEN-P95L- YPFEDHNLP	517	226
>PTEN-P95L- YPFEDHNP	17480	>PTEN-P95L- YPFEDHNL	420	17060
>PTEN-P95L- YPFEDHNP	13867	>PTEN-P95L- YPFEDHNL	143	13724
>PTEN-P95L- YPFEDHNPPC	638	>PTEN-P95L- YPFEDHNLPC	241	397
>PTEN-P95L- QYPFEDHNP	13402	>PTEN-P95L- QYPFEDHNL	115	13287
>PTEN-P95L- QYPFEDHNP	1257	>PTEN-P95L- QYPFEDHNL	8	1249

>PTEN-P95L- QYPFEDHNPI	1353	>PTEN-P95L- QYPFEDHNLF	437	916
>PTEN-P95L- QYPFEDHNP	13269	>PTEN-P95L- QYPFEDHNL	423	12846
>PTEN-P95L- AQYPFEDHNI	9852	>PTEN-P95L- AQYPFEDHNI	39	9813
>PTEN-P95L- AQYPFEDHNI	16880	>PTEN-P95L- AQYPFEDHNI	428	16452
>PTEN-P95L- AQYPFEDHNI	14907	>PTEN-P95L- AQYPFEDHNI	309	14598
>PTEN-P95L- AQYPFEDHNI	20699	>PTEN-P95L- AQYPFEDHNI	385	20314
>PTEN-P95L- AQYPFEDHNI	1505	>PTEN-P95L- AQYPFEDHNI	40	1465
>PTEN-P95L- AQYPFEDHNI	263	>PTEN-P95L- AQYPFEDHNI	1147	884
>PTEN-P95S- PPQLELIKPF	9616	>PTEN-P95S- SPQLELIKPF	494	9122
>PTEN-P95S- PPQLELIKPF	1219	>PTEN-P95S- SPQLELIKPF	170	1049
>PTEN-P95S- NPPQLELIKPF	483	>PTEN-P95S- NSPQLELIKPF	1688	1205
>PTEN-P95S- NPPQLELIKPF	69	>PTEN-P95S- NSPQLELIKPF	2572	2503
>PTEN-P95S- NPPQLELI	5325	>PTEN-P95S- NSPQLELI	431	4894
>PTEN-P95S- NPPQLELIKPF	8731	>PTEN-P95S- NSPQLELIKPF	178	8553
>PTEN-P95S- NPPQLELI	8646	>PTEN-P95S- NSPQLELI	431	8215
>PTEN-P95S- HNPPQLELI	217	>PTEN-P95S- HNPPQLELI	244	27
>PTEN-P95S- HNPPQLELI	680	>PTEN-P95S- HNPPQLELI	372	308
>PTEN-P95S- DHNPPQLEL	248	>PTEN-P95S- DHNPPQLEL	244	4
>PTEN-P95S- EDHNPQLEL	1216	>PTEN-P95S- EDHNPQLEL	324	892
>PTEN-P95S- EDHNPQLEL	235	>PTEN-P95S- EDHNPQLEL	76	159
>PTEN-P95S- FEDHNPPQL	1032	>PTEN-P95S- FEDHNPPQL	187	845
>PTEN-P95S- FEDHNPPQL	169	>PTEN-P95S- FEDHNPPQL	131	38
>PTEN-P95S- FEDHNPPQLE	275	>PTEN-P95S- FEDHNPPQLE	216	59
>PTEN-P95S- FEDHNPPQL	116	>PTEN-P95S- FEDHNPPQL	57	59
>PTEN-P95S- FEDHNPPQLE	47	>PTEN-P95S- FEDHNPPQLE	30	17
>PTEN-P95S- FEDHNPPQL	314	>PTEN-P95S- FEDHNPPQL	171	143
>PTEN-P95S- FEDHNPPQLE	186	>PTEN-P95S- FEDHNPPQLE	137	49
>PTEN-P95S- FEDHNPPQL	128	>PTEN-P95S- FEDHNPPQL	107	21
>PTEN-P95S- YPFEDHNPPC	43	>PTEN-P95S- YPFEDHNPPC	33	10
>PTEN-P95S- YPFEDHNPPC	145	>PTEN-P95S- YPFEDHNPPC	124	21
>PTEN-P95S- YPFEDHNPPC	145	>PTEN-P95S- YPFEDHNPPC	81	64
>PTEN-P95S- YPFEDHNP	1138	>PTEN-P95S- YPFEDHNP	121	1017
>PTEN-P95S- YPFEDHNPP	145	>PTEN-P95S- YPFEDHNPP	547	402
>PTEN-P95S- YPFEDHNPPC	670	>PTEN-P95S- YPFEDHNPPC	392	278
>PTEN-P95S- YPFEDHNPPC	43	>PTEN-P95S- YPFEDHNPPC	34	9
>PTEN-P95S- YPFEDHNPPC	22	>PTEN-P95S- YPFEDHNPPC	22	0
>PTEN-P95S- YPFEDHNPPC	530	>PTEN-P95S- YPFEDHNPPC	453	77
>PTEN-P95S- YPFEDHNPP	291	>PTEN-P95S- YPFEDHNPP	984	693
>PTEN-P95S- YPFEDHNPPC	1937	>PTEN-P95S- YPFEDHNPPC	347	1590
>PTEN-P95S- YPFEDHNPPC	638	>PTEN-P95S- YPFEDHNPPC	206	432
>PTEN-P95S- AQYPFEDHNI	263	>PTEN-P95S- AQYPFEDHNI	295	32
>PTEN-P96L- PQLELIKPF	1931	>PTEN-P96L- LQLELIKPF	27	1904
>PTEN-P96L- PQLELIKPF	5166	>PTEN-P96L- LQLELIKPF	423	4743

>PTEN-P96L- PQLELIKPF	1158	>PTEN-P96L- LQLELIKPF	45	1113
>PTEN-P96L- PQLELIKPF	2357	>PTEN-P96L- LQLELIKPF	446	1911
>PTEN-P96L- PQLELIKPF	16	>PTEN-P96L- LQLELIKPF	3	13
>PTEN-P96L- PQLELIKPF	756	>PTEN-P96L- LQLELIKPF	41	715
>PTEN-P96L- AQYPFEDHNI	2943	>PTEN-P96L- AQYPFEDHNI	94	2849
>PTEN-P96L- AQYPFEDHNI	22415	>PTEN-P96L- AQYPFEDHNI	495	21920
>PTEN-P96L- AQYPFEDHNI	9807	>PTEN-P96L- AQYPFEDHNI	47	9760
>PTEN-P96L- AQYPFEDHNI	12213	>PTEN-P96L- AQYPFEDHNI	306	11907
>PTEN-P96L- AQYPFEDHNI	1241	>PTEN-P96L- AQYPFEDHNI	13	1228
>PTEN-P96L- AQYPFEDHNI	17789	>PTEN-P96L- AQYPFEDHNI	219	17570
>PTEN-P96L- AQYPFEDHNI	2162	>PTEN-P96L- AQYPFEDHNI	125	2037
>PTEN-P96L- AQYPFEDHNI	263	>PTEN-P96L- AQYPFEDHNI	9	254
>PTEN-P96L- AQYPFEDHNI	16995	>PTEN-P96L- AQYPFEDHNI	72	16923
>PTEN-P96L- AQYPFEDHNI	14497	>PTEN-P96L- AQYPFEDHNI	484	14013
>PTEN-P96L- AQYPFEDHNI	11266	>PTEN-P96L- AQYPFEDHNI	172	11094
>PTEN-P96L- NPPQLELIKPF	483	>PTEN-P96L- NPLQLELIKPF	24729	24246
>PTEN-P96L- NPPQLELIKPF	4282	>PTEN-P96L- NPLQLELIKPF	418	3864
>PTEN-P96L- NPPQLELIKPF	69	>PTEN-P96L- NPLQLELIKPF	18	51
>PTEN-P96L- NPPQLELI	628	>PTEN-P96L- NPLQLELI	79	549
>PTEN-P96L- NPPQLELIKPF	1595	>PTEN-P96L- NPLQLELIKPF	265	1330
>PTEN-P96L- NPPQLELI	4394	>PTEN-P96L- NPLQLELI	256	4138
>PTEN-P96L- NPPQLELIKPF	1018	>PTEN-P96L- NPLQLELIKPF	148	870
>PTEN-P96L- NPPQLELIKPF	2370	>PTEN-P96L- NPLQLELIKPF	98	2272
>PTEN-P96L- HNPPQLELI	217	>PTEN-P96L- HNPLQLELI	152	65
>PTEN-P96L- DHNPPQLELI	2293	>PTEN-P96L- DHNPLQLELI	379	1914
>PTEN-P96L- DHNPPQLEL	248	>PTEN-P96L- DHNPLQLEL	432	184
>PTEN-P96L- EDHNPPQLEL	235	>PTEN-P96L- EDHNPLQLEL	228	7
>PTEN-P96L- FEDHNPPQ	4510	>PTEN-P96L- FEDHNPLQ	392	4118
>PTEN-P96L- FEDHNPPQLE	1486	>PTEN-P96L- FEDHNPLQLE	444	1042
>PTEN-P96L- FEDHNPPQL	169	>PTEN-P96L- FEDHNPLQL	117	52
>PTEN-P96L- FEDHNPPQLE	275	>PTEN-P96L- FEDHNPLQLE	173	102
>PTEN-P96L- FEDHNPPQL	116	>PTEN-P96L- FEDHNPLQL	95	21
>PTEN-P96L- FEDHNPPQLE	47	>PTEN-P96L- FEDHNPLQLE	39	8
>PTEN-P96L- FEDHNPPQL	314	>PTEN-P96L- FEDHNPLQL	389	75
>PTEN-P96L- FEDHNPPQLE	186	>PTEN-P96L- FEDHNPLQLE	94	92
>PTEN-P96L- FEDHNPPQL	128	>PTEN-P96L- FEDHNPLQL	297	169
>PTEN-P96L- YPFEDHNPPC	43	>PTEN-P96L- YPFEDHNPLC	86	43
>PTEN-P96L- YPFEDHNPP	6691	>PTEN-P96L- YPFEDHNPL	113	6578
>PTEN-P96L- YPFEDHNPPC	145	>PTEN-P96L- YPFEDHNPLC	293	148
>PTEN-P96L- YPFEDHNPP	13455	>PTEN-P96L- YPFEDHNPL	16	13439
>PTEN-P96L- YPFEDHNPPC	145	>PTEN-P96L- YPFEDHNPLC	56	89
>PTEN-P96L- YPFEDHNPP	7436	>PTEN-P96L- YPFEDHNPL	245	7191
>PTEN-P96L- YPFEDHNPP	145	>PTEN-P96L- YPFEDHNPL	13	132

>PTEN-P96L- YPFEDHNPPC	43	>PTEN-P96L- YPFEDHNPLC	35	8
>PTEN-P96L- YPFEDHNPP	4510	>PTEN-P96L- YPFEDHNPL	13	4497
>PTEN-P96L- YPFEDHNPPC	22	>PTEN-P96L- YPFEDHNPLC	19	3
>PTEN-P96L- YPFEDHNPPC	530	>PTEN-P96L- YPFEDHNPLC	299	231
>PTEN-P96L- YPFEDHNPP	291	>PTEN-P96L- YPFEDHNPL	1058	767
>PTEN-P96L- YPFEDHNPP	9760	>PTEN-P96L- YPFEDHNPL	90	9670
>PTEN-P96L- YPFEDHNPP	18653	>PTEN-P96L- YPFEDHNPL	444	18209
>PTEN-P96L- YPFEDHNPPC	638	>PTEN-P96L- YPFEDHNPLC	348	290
>PTEN-P96L- QYPFEDHNPI	22098	>PTEN-P96L- QYPFEDHNPI	210	21888
>PTEN-P96L- QYPFEDHNPI	2983	>PTEN-P96L- QYPFEDHNPI	19	2964
>PTEN-P96L- QYPFEDHNPI	13458	>PTEN-P96L- QYPFEDHNPI	176	13282
>PTEN-P96Q: PQLELIKPF	1931	>PTEN-P96Q: QQLELIKPF	61	1870
>PTEN-P96Q: PQLELIKPF	3548	>PTEN-P96Q: QQLELIKPF	208	3340
>PTEN-P96Q: PQLELIKPF	1158	>PTEN-P96Q: QQLELIKPF	81	1077
>PTEN-P96Q: PQLELIKPF	2357	>PTEN-P96Q: QQLELIKPF	257	2100
>PTEN-P96Q: PQLELIKPF	16	>PTEN-P96Q: QQLELIKPF	4	12
>PTEN-P96Q: PQLELIKPF	756	>PTEN-P96Q: QQLELIKPF	128	628
>PTEN-P96Q: PPQLELIKPF	8887	>PTEN-P96Q: PQQLELIKPF	231	8656
>PTEN-P96Q: AQYPFEDHNI	263	>PTEN-P96Q: AQYPFEDHNI	209	54
>PTEN-P96Q: NPPQLELIKPF	483	>PTEN-P96Q: NPQQLELIKPF	18552	18069
>PTEN-P96Q: NPPQLELIKPF	1789	>PTEN-P96Q: NPQQLELIKPF	363	1426
>PTEN-P96Q: NPPQLELIKPF	69	>PTEN-P96Q: NPQQLELIKPF	23	46
>PTEN-P96Q: NPPQLELI	628	>PTEN-P96Q: NPQQLELI	193	435
>PTEN-P96Q: NPPQLELIKPF	1018	>PTEN-P96Q: NPQQLELIKPF	53	965
>PTEN-P96Q: HNPPQLELI	217	>PTEN-P96Q: HNPQQLELI	284	67
>PTEN-P96Q: DHNPPQLEL	248	>PTEN-P96Q: DHNPQQLEL	249	1
>PTEN-P96Q: EDHNPQLEL	235	>PTEN-P96Q: EDHNPQQLEL	165	70
>PTEN-P96Q: FEDHNPPQL	169	>PTEN-P96Q: FEDHNPQQL	233	64
>PTEN-P96Q: FEDHNPPQLE	275	>PTEN-P96Q: FEDHNPQQL	275	0
>PTEN-P96Q: FEDHNPPQL	116	>PTEN-P96Q: FEDHNPQQL	126	10
>PTEN-P96Q: FEDHNPPQLE	47	>PTEN-P96Q: FEDHNPQQL	59	12
>PTEN-P96Q: FEDHNPPQL	314	>PTEN-P96Q: FEDHNPQQL	696	382
>PTEN-P96Q: FEDHNPPQLE	186	>PTEN-P96Q: FEDHNPQQL	151	35
>PTEN-P96Q: FEDHNPPQL	128	>PTEN-P96Q: FEDHNPQQL	275	147
>PTEN-P96Q: YPFEDHNPPC	43	>PTEN-P96Q: YPFEDHNPPC	120	77
>PTEN-P96Q: YPFEDHNPPC	145	>PTEN-P96Q: YPFEDHNPPC	374	229
>PTEN-P96Q: YPFEDHNPPC	145	>PTEN-P96Q: YPFEDHNPPC	78	67
>PTEN-P96Q: YPFEDHNPP	145	>PTEN-P96Q: YPFEDHNPP	29	116
>PTEN-P96Q: YPFEDHNPPC	43	>PTEN-P96Q: YPFEDHNPPC	49	6
>PTEN-P96Q: YPFEDHNPPC	22	>PTEN-P96Q: YPFEDHNPPC	27	5
>PTEN-P96Q: YPFEDHNPP	291	>PTEN-P96Q: YPFEDHNPP	478	187
>PTEN-P96S- PQLELIKPF	1931	>PTEN-P96S- SQLELIKPF	25	1906
>PTEN-P96S- PQLELIKPF	5166	>PTEN-P96S- SQLELIKPF	375	4791

>PTEN-P96S- PQLELIKPF	3548	>PTEN-P96S- SQLELIKPF	229	3319
>PTEN-P96S- PQLELIKPF	1158	>PTEN-P96S- SQLELIKPF	50	1108
>PTEN-P96S- PQLELIKPF	2357	>PTEN-P96S- SQLELIKPF	184	2173
>PTEN-P96S- PQLELIKPF	16	>PTEN-P96S- SQLELIKPF	4	12
>PTEN-P96S- PQLELIKPF	756	>PTEN-P96S- SQLELIKPF	165	591
>PTEN-P96S- AQYPFEDHNI	1241	>PTEN-P96S- AQYPFEDHNI	310	931
>PTEN-P96S- AQYPFEDHNI	263	>PTEN-P96S- AQYPFEDHNI	264	1
>PTEN-P96S- NPPQLELIKPF	483	>PTEN-P96S- NPSQLELIKPF	18412	17929
>PTEN-P96S- NPPQLELIKPF	1789	>PTEN-P96S- NPSQLELIKPF	340	1449
>PTEN-P96S- NPPQLELIKPF	69	>PTEN-P96S- NPSQLELIKPF	16	53
>PTEN-P96S- NPPQLELI	628	>PTEN-P96S- NPSQLELI	67	561
>PTEN-P96S- NPPQLELIKPF	1595	>PTEN-P96S- NPSQLELIKPF	216	1379
>PTEN-P96S- NPPQLELIKPF	1018	>PTEN-P96S- NPSQLELIKPF	30	988
>PTEN-P96S- NPPQLELIKPF	2370	>PTEN-P96S- NPSQLELIKPF	301	2069
>PTEN-P96S- HNPPQLELI	217	>PTEN-P96S- HNPSQLELI	775	558
>PTEN-P96S- DHNPPQLEL	248	>PTEN-P96S- DHNPSQLEL	266	18
>PTEN-P96S- EDHNPPQLEI	235	>PTEN-P96S- EDHNPSQLEL	199	36
>PTEN-P96S- FEDHNPPQLE	1486	>PTEN-P96S- FEDHNPSQLE	442	1044
>PTEN-P96S- FEDHNPPQL	169	>PTEN-P96S- FEDHNPSQL	141	28
>PTEN-P96S- FEDHNPPQLE	275	>PTEN-P96S- FEDHNPSQLE	173	102
>PTEN-P96S- FEDHNPPQL	116	>PTEN-P96S- FEDHNPSQL	183	67
>PTEN-P96S- FEDHNPPQLE	47	>PTEN-P96S- FEDHNPSQLE	46	1
>PTEN-P96S- FEDHNPPQL	314	>PTEN-P96S- FEDHNPSQL	596	282
>PTEN-P96S- FEDHNPPQLE	186	>PTEN-P96S- FEDHNPSQLE	137	49
>PTEN-P96S- FEDHNPPQL	128	>PTEN-P96S- FEDHNPSQL	176	48
>PTEN-P96S- YPFEDHNPPC	43	>PTEN-P96S- YPFEDHNPSC	95	52
>PTEN-P96S- YPFEDHNPPC	145	>PTEN-P96S- YPFEDHNPSC	366	221
>PTEN-P96S- YPFEDHNPPC	145	>PTEN-P96S- YPFEDHNPSC	52	93
>PTEN-P96S- YPFEDHNPPC	859	>PTEN-P96S- YPFEDHNPSC	434	425
>PTEN-P96S- YPFEDHNPP	145	>PTEN-P96S- YPFEDHNPS	25	120
>PTEN-P96S- YPFEDHNPPC	43	>PTEN-P96S- YPFEDHNPSC	36	7
>PTEN-P96S- YPFEDHNPPC	22	>PTEN-P96S- YPFEDHNPSC	20	2
>PTEN-P96S- YPFEDHNPP	291	>PTEN-P96S- YPFEDHNPS	152	139
>PTEN-P96S- YPFEDHNPPC	638	>PTEN-P96S- YPFEDHNPSC	483	155
>PTEN-Q149 QEALDFYGEV	22	>PTEN-Q149 REALDFYGEV	64	42
>PTEN-Q149 QEALDFYGEV	112	>PTEN-Q149 REALDFYGEV	71	41
>PTEN-Q149 QEALDFYGEV	426	>PTEN-Q149 REALDFYGEV	830	404
>PTEN-Q149 QEALDFYGEV	361	>PTEN-Q149 REALDFYGEV	774	413
>PTEN-Q149 QEALDFYGEV	116	>PTEN-Q149 REALDFYGEV	165	49
>PTEN-Q149 QEALDFYGEV	1133	>PTEN-Q149 REALDFYGEV	100	1033
>PTEN-Q149 QEALDFYGEV	931	>PTEN-Q149 REALDFYGEV	307	624
>PTEN-Q149 AQEALDFYGE	422	>PTEN-Q149 AREALDFYGE	12468	12046
>PTEN-Q149 AQEALDFYGE	39	>PTEN-Q149 AREALDFYGE	11440	11401



>PTEN-Q149 AQEALDFY	178	>PTEN-Q149 AREALDFY	969	791
>PTEN-Q149 AQEALDFY	421	>PTEN-Q149 AREALDFY	19009	18588
>PTEN-Q149 LLHRGKFLKA	230	>PTEN-Q149 LLHRGKFLKA	6505	6275
>PTEN-Q149 LLHRGKFLKA	11765	>PTEN-Q149 LLHRGKFLKA	42	11723
>PTEN-Q149 KAQEALDFY	271	>PTEN-Q149 KAREALDFY	165	106
>PTEN-Q149 KAQEALDFY	4376	>PTEN-Q149 KAREALDFY	15	4361
>PTEN-Q149 KAQEALDFYC	5801	>PTEN-Q149 KAREALDFYG	29	5772
>PTEN-Q149 KAQEALDFY	46	>PTEN-Q149 KAREALDFY	98	52
>PTEN-Q149 KAQEALDF	309	>PTEN-Q149 KAREALDF	48	261
>PTEN-Q149 KAQEALDF	30	>PTEN-Q149 KAREALDF	8	22
>PTEN-Q149 KAQEALDFY	139	>PTEN-Q149 KAREALDFY	24	115
>PTEN-Q149 KAQEALDF	767	>PTEN-Q149 KAREALDF	148	619
>PTEN-Q149 KAQEALDFY	481	>PTEN-Q149 KAREALDFY	115	366
>PTEN-Q149 KAQEALDF	133	>PTEN-Q149 KAREALDF	1336	1203
>PTEN-Q149 KAQEALDFY	195	>PTEN-Q149 KAREALDFY	2315	2120
>PTEN-Q149 KAQEALDFY	1326	>PTEN-Q149 KAREALDFY	355	971
>PTEN-Q149 LKAQEALDF	6	>PTEN-Q149 LKAREALDF	5	1
>PTEN-Q149 LKAQEALDFY	85	>PTEN-Q149 LKAREALDFY	64	21
>PTEN-Q149 FLKAQEAL	179	>PTEN-Q149 FLKAREAL	355	176
>PTEN-Q149 FLKAQEAL	4	>PTEN-Q149 FLKAREAL	7	3
>PTEN-Q149 FLKAQEALDF	370	>PTEN-Q149 FLKAREALDF`	453	83
>PTEN-Q149 FLKAQEAL	8	>PTEN-Q149 FLKAREAL	10	2
>PTEN-Q149 FLKAQEAL	280	>PTEN-Q149 FLKAREAL	336	56
>PTEN-Q149 FLKAQEAL	58	>PTEN-Q149 FLKAREAL	159	101
>PTEN-Q149 FLKAQEAL	47	>PTEN-Q149 FLKAREAL	248	201
>PTEN-Q149 FLKAQEAL	4	>PTEN-Q149 FLKAREAL	5	1
>PTEN-Q149 FLKAQEALDF	98	>PTEN-Q149 FLKAREALDF`	149	51
>PTEN-Q149 FLKAQEALDF	209	>PTEN-Q149 FLKAREALDF`	298	89
>PTEN-Q149 FLKAQEALDF	122	>PTEN-Q149 FLKAREALDF`	151	29
>PTEN-Q149 FLKAQEAL	68	>PTEN-Q149 FLKAREAL	18	50
>PTEN-Q149 FLKAQEAL	343	>PTEN-Q149 FLKAREAL	367	24
>PTEN-Q149 FLKAQEALDF	105	>PTEN-Q149 FLKAREALDF	120	15
>PTEN-Q149 FLKAQEALDF	105	>PTEN-Q149 FLKAREALDF`	109	4
>PTEN-Q149 FLKAQEALDF	108	>PTEN-Q149 FLKAREALDF	116	8
>PTEN-Q149 FLKAQEALDF	78	>PTEN-Q149 FLKAREALDF`	75	3
>PTEN-Q149 FLKAQEALDF	37	>PTEN-Q149 FLKAREALDF	42	5
>PTEN-Q149 FLKAQEALDF	736	>PTEN-Q149 FLKAREALDF`	475	261
>PTEN-Q149 KFLKAQEAL	154	>PTEN-Q149 KFLKAREAL	77	77
>PTEN-Q149 KFLKAQEALD	77	>PTEN-Q149 KFLKAREALD	62	15
>PTEN-Q149 KFLKAQEALD	345	>PTEN-Q149 KFLKAREALD	485	140
>PTEN-Q149 KFLKAQEAL	37	>PTEN-Q149 KFLKAREAL	40	3
>PTEN-Q149 KFLKAQEALD	9	>PTEN-Q149 KFLKAREALD	9	0
>PTEN-Q149 KFLKAQEAL	464	>PTEN-Q149 KFLKAREA	366	98

>PTEN-Q149 KFLKAQEALD	364	>PTEN-Q149 KFLKAREALD	321	43
>PTEN-Q149 KFLKAQEA	626	>PTEN-Q149 KFLKAREA	277	349
>PTEN-Q149 KFLKAQEAL	257	>PTEN-Q149 KFLKAREAL	63	194
>PTEN-Q149 GKFLKAQEAL	109	>PTEN-Q149 GKFLKAREAL	166	57
>PTEN-Q149 RGKFLKAQEA	193	>PTEN-Q149 RGKFLKAREA	255	62
>PTEN-Q149 RGKFLKAQ	10802	>PTEN-Q149 RGKFLKAR	21	10781
>PTEN-Q149 RGKFLKAQ	13204	>PTEN-Q149 RGKFLKAR	214	12990
>PTEN-Q149 HRGKFLKAQ	2942	>PTEN-Q149 HRGKFLKAR	175	2767
>PTEN-Q149 HRGKFLKAQ	9165	>PTEN-Q149 HRGKFLKAR	61	9104
>PTEN-Q149 LHRGKFLKAC	21399	>PTEN-Q149 LHRGKFLKAR	409	20990
>PTEN-Q171 QRRYVYYY	292	>PTEN-Q171 ERRYVYYY	1691	1399
>PTEN-Q171 QRRYVYYY	388	>PTEN-Q171 ERRYVYYY	1099	711
>PTEN-Q171 QRRYVYYYSY	405	>PTEN-Q171 ERRYVYYYSY	664	259
>PTEN-Q171 QRRYVYYY	33	>PTEN-Q171 ERRYVYYY	177	144
>PTEN-Q171 QRRYVYYYSY	15	>PTEN-Q171 ERRYVYYYSY	57	42
>PTEN-Q171 QRRYVYYYSY	44	>PTEN-Q171 ERRYVYYYSYI	213	169
>PTEN-Q171 QRRYVYYYSY	33	>PTEN-Q171 ERRYVYYYSY	46	13
>PTEN-Q171 QRRYVYYYSY	41	>PTEN-Q171 ERRYVYYYSYI	101	60
>PTEN-Q171 QRRYVYYYSY	19	>PTEN-Q171 ERRYVYYYSYI	115	96
>PTEN-Q171 SQRRYVYYY	11107	>PTEN-Q171 SERRYVYYY	344	10763
>PTEN-Q171 SQRRYVYYY	14575	>PTEN-Q171 SERRYVYYY	496	14079
>PTEN-Q171 SQRRYVYYY	308	>PTEN-Q171 SERRYVYYY	1432	1124
>PTEN-Q171 SQRRYVYYY	137	>PTEN-Q171 SERRYVYYY	476	339
>PTEN-Q171 SQRRYVYYY	355	>PTEN-Q171 SERRYVYYY	1136	781
>PTEN-Q171 SQRRYVYY	72	>PTEN-Q171 SERRYVYY	3292	3220
>PTEN-Q171 SQRRYVYYY	75	>PTEN-Q171 SERRYVYYY	3449	3374
>PTEN-Q171 SQRRYVYYY	152	>PTEN-Q171 SERRYVYYY	5046	4894
>PTEN-Q171 SQRRYVYYY	104	>PTEN-Q171 SERRYVYYY	4100	3996
>PTEN-Q171 SQRRYVYYY	83	>PTEN-Q171 SERRYVYYY	961	878
>PTEN-Q171 SQRRYVYYY	106	>PTEN-Q171 SERRYVYYY	1130	1024
>PTEN-Q171 SQRRYVYYY	219	>PTEN-Q171 SERRYVYYY	8240	8021
>PTEN-Q171 SQRRYVYYY	212	>PTEN-Q171 SERRYVYYY	527	315
>PTEN-Q171 SQRRYVYY	41	>PTEN-Q171 SERRYVYY	433	392
>PTEN-Q171 SQRRYVYYY	36	>PTEN-Q171 SERRYVYYY	254	218
>PTEN-Q171 SQRRYVYYY	34	>PTEN-Q171 SERRYVYYY	153	119
>PTEN-Q171 SQRRYVYY	383	>PTEN-Q171 SERRYVYY	4213	3830
>PTEN-Q171 SQRRYVYYY	322	>PTEN-Q171 SERRYVYYY	4357	4035
>PTEN-Q171 SQRRYVYY	4	>PTEN-Q171 SERRYVYY	88	84
>PTEN-Q171 SQRRYVYYY	4	>PTEN-Q171 SERRYVYYY	100	96
>PTEN-Q171 SQRRYVYYY	3	>PTEN-Q171 SERRYVYYY	36	33
>PTEN-Q171 SQRRYVYY	3838	>PTEN-Q171 SERRYVYY	106	3732
>PTEN-Q171 SQRRYVYYY	1083	>PTEN-Q171 SERRYVYYY	28	1055
>PTEN-Q171 SQRRYVYYY	492	>PTEN-Q171 SERRYVYYY	14	478

>PTEN-Q171 SQRRYVYYYS	12601	>PTEN-Q171 SERRYVYYYS\	300	12301
>PTEN-Q171 SQRRYVYYYS	11406	>PTEN-Q171 SERRYVYYYS\	306	11100
>PTEN-Q171 SQRRYVYY	5435	>PTEN-Q171 SERRYVYY	80	5355
>PTEN-Q171 SQRRYVYYY	2452	>PTEN-Q171 SERRYVYYY	37	2415
>PTEN-Q171 SQRRYVYYYS	4976	>PTEN-Q171 SERRYVYYYS\	62	4914
>PTEN-Q171 SQRRYVYYY	15705	>PTEN-Q171 SERRYVYYY	466	15239
>PTEN-Q171 SQRRYVYYYS	13847	>PTEN-Q171 SERRYVYYYS	389	13458
>PTEN-Q171 SQRRYVYYYS	11492	>PTEN-Q171 SERRYVYYYS\	288	11204
>PTEN-Q171 SQRRYVYYY	453	>PTEN-Q171 SERRYVYYY	838	385
>PTEN-Q171 PSQRRYVY	1626	>PTEN-Q171 PSERRYVY	144	1482
>PTEN-Q171 PSQRRYVYY	907	>PTEN-Q171 PSERRYVYY	68	839
>PTEN-Q171 PSQRRYVYYY	186	>PTEN-Q171 PSERRYVYYY	114	72
>PTEN-Q171 PSQRRYVYYY	359	>PTEN-Q171 PSERRYVYYY	304	55
>PTEN-Q171 PSQRRYVY	465	>PTEN-Q171 PSERRYVY	1005	540
>PTEN-Q171 PSQRRYVYYY	40	>PTEN-Q171 PSERRYVYYY	65	25
>PTEN-Q171 PSQRRYVYYY	353	>PTEN-Q171 PSERRYVYYY	1562	1209
>PTEN-Q171 IPSQRRYVYY\	288	>PTEN-Q171 IPSERRYVYYY	322	34
>PTEN-Q171 IPSQRRYVY	183	>PTEN-Q171 IPSERRYVY	329	146
>PTEN-Q171 IPSQRRYVYY\	123	>PTEN-Q171 IPSERRYVYYY	195	72
>PTEN-Q171 IPSQRRYV	22	>PTEN-Q171 IPSERRYV	51	29
>PTEN-Q171 IPSQRRYVY	165	>PTEN-Q171 IPSERRYVY	449	284
>PTEN-Q171 IPSQRRYVY	16	>PTEN-Q171 IPSERRYVY	14	2
>PTEN-Q171 IPSQRRYVYYY\	27	>PTEN-Q171 IPSERRYVYYY	24	3
>PTEN-Q171 IPSQRRYVY	74	>PTEN-Q171 IPSERRYVY	51	23
>PTEN-Q171 IPSQRRYVYYY\	31	>PTEN-Q171 IPSERRYVYYY	24	7
>PTEN-Q171 IPSQRRYVY	7	>PTEN-Q171 IPSERRYVY	6	1
>PTEN-Q171 IPSQRRYVYY	33	>PTEN-Q171 IPSERRYVYY	22	11
>PTEN-Q171 IPSQRRYVYYY\	12	>PTEN-Q171 IPSERRYVYYY	9	3
>PTEN-Q171 IPSQRRYVY	262	>PTEN-Q171 IPSERRYVY	166	96
>PTEN-Q171 IPSQRRYVYYY\	518	>PTEN-Q171 IPSERRYVYYY	324	194
>PTEN-Q171 TIPSQRRYV	225	>PTEN-Q171 TIPSERRYV	324	99
>PTEN-Q171 TIPSQRRY	437	>PTEN-Q171 TIPSERRY	607	170
>PTEN-Q171 TIPSQRRYVY\	290	>PTEN-Q171 TIPSERRYVYY	308	18
>PTEN-Q171 TIPSQRRYVY\	238	>PTEN-Q171 TIPSERRYVYY	361	123
>PTEN-Q171 TIPSQRRYV	67	>PTEN-Q171 TIPSERRYV	151	84
>PTEN-Q171 VTIPSQRRYV	563	>PTEN-Q171 VTIPSERRYV	422	141
>PTEN-Q171 VTIPSQRRYV	916	>PTEN-Q171 VTIPSERRYV	420	496
>PTEN-Q171 VTIPSQRRYV	249	>PTEN-Q171 VTIPSERRYV	318	69
>PTEN-Q171 VTIPSQRRYV	286	>PTEN-Q171 VTIPSERRYV	488	202
>PTEN-Q171 VTIPSQRRYV\	284	>PTEN-Q171 VTIPSERRYVY	294	10
>PTEN-Q171 VTIPSQRRY	26	>PTEN-Q171 VTIPSERRY	47	21
>PTEN-Q171 VTIPSQRRYV\	38	>PTEN-Q171 VTIPSERRYVY	52	14
>PTEN-Q171 VTIPSQRRYV\	509	>PTEN-Q171 VTIPSERRYVY	455	54

>PTEN-Q171 VTIPSQRRY	59	>PTEN-Q171 VTIPSERRY	256	197
>PTEN-Q171 VTIPSQRRYV'	26	>PTEN-Q171 VTIPSERRYVY	49	23
>PTEN-Q171 VTIPSQRRY	41	>PTEN-Q171 VTIPSERRY	83	42
>PTEN-Q171 VTIPSQRRYV'	16	>PTEN-Q171 VTIPSERRYVY	22	6
>PTEN-Q171 VTIPSQRR	135	>PTEN-Q171 VTIPSERR	288	153
>PTEN-Q171 VTIPSQRR	65	>PTEN-Q171 VTIPSERR	37	28
>PTEN-Q171 VTIPSQRRYV	225	>PTEN-Q171 VTIPSERRYV	213	12
>PTEN-Q171 VTIPSQRRY	399	>PTEN-Q171 VTIPSERRY	1042	643
>PTEN-Q171 VTIPSQRRYV'	109	>PTEN-Q171 VTIPSERRYVY	162	53
>PTEN-Q171 VTIPSQRRYV'	205	>PTEN-Q171 VTIPSERRYVY	288	83
>PTEN-Q171 VTIPSQRRY	3	>PTEN-Q171 VTIPSERRY	3	0
>PTEN-Q171 VTIPSQRRYV	124	>PTEN-Q171 VTIPSERRYV	160	36
>PTEN-Q171 VTIPSQRRYV'	4	>PTEN-Q171 VTIPSERRYVY	4	0
>PTEN-Q171 VTIPSQRRY	81	>PTEN-Q171 VTIPSERRY	78	3
>PTEN-Q171 VTIPSQRRYV'	111	>PTEN-Q171 VTIPSERRYVY	111	0
>PTEN-Q171 VTIPSQRRY	122	>PTEN-Q171 VTIPSERRY	911	789
>PTEN-Q171 VTIPSQRRYV'	76	>PTEN-Q171 VTIPSERRYVY	169	93
>PTEN-Q171 VTIPSQRRY	37	>PTEN-Q171 VTIPSERRY	57	20
>PTEN-Q171 VTIPSQRRYV'	37	>PTEN-Q171 VTIPSERRYVY	58	21
>PTEN-Q171 VTIPSQRRYV'	256	>PTEN-Q171 VTIPSERRYVY	619	363
>PTEN-Q171 GVTIPSQRRY	123	>PTEN-Q171 GVTIPSERRY	184	61
>PTEN-Q171 GVTIPSQR	457	>PTEN-Q171 GVTIPSER	442	15
>PTEN-Q171 GVTIPSQR	210	>PTEN-Q171 GVTIPSER	168	42
>PTEN-Q171 GVTIPSQRR	1034	>PTEN-Q171 GVTIPSERR	380	654
>PTEN-Q171 GVTIPSQRRY	172	>PTEN-Q171 GVTIPSERRY	380	208
>PTEN-Q171 KGV TIPSQRR	155	>PTEN-Q171 KGV TIPSERR\	211	56
>PTEN-Q171 KGV TIPSQR	208	>PTEN-Q171 KGV TIPSER	194	14
>PTEN-Q171 KGV TIPSQRR	202	>PTEN-Q171 KGV TIPSERR\	262	60
>PTEN-Q171 KGV TIPSQRR	227	>PTEN-Q171 KGV TIPSERR\	305	78
>PTEN-Q171 KGV TIPSQR	147	>PTEN-Q171 KGV TIPSER	185	38
>PTEN-Q171 KGV TIPSQRR	120	>PTEN-Q171 KGV TIPSERR	151	31
>PTEN-Q171 DKKGV TIPSQ	497	>PTEN-Q171 DKKGV TIPSER	437	60
>PTEN-Q171 QRRYVYYY	292	>PTEN-Q171 HRRYVYYY	330	38
>PTEN-Q171 QRRYVYYYSY	4477	>PTEN-Q171 HRRYVYYYSY	491	3986
>PTEN-Q171 QRRYVYYYSY	1981	>PTEN-Q171 HRRYVYYYSY	124	1857
>PTEN-Q171 QRRYVYYY	388	>PTEN-Q171 HRRYVYYY	262	126
>PTEN-Q171 QRRYVYYYSY	405	>PTEN-Q171 HRRYVYYYSY	297	108
>PTEN-Q171 QRRYVYYY	33	>PTEN-Q171 HRRYVYYY	30	3
>PTEN-Q171 QRRYVYYYSY	15	>PTEN-Q171 HRRYVYYYSY	14	1
>PTEN-Q171 QRRYVYYYSY	44	>PTEN-Q171 HRRYVYYYSY	43	1
>PTEN-Q171 QRRYVYYY	774	>PTEN-Q171 HRRYVYYY	317	457
>PTEN-Q171 QRRYVYYYSY	33	>PTEN-Q171 HRRYVYYYSY	11	22
>PTEN-Q171 QRRYVYYYSY	595	>PTEN-Q171 HRRYVYYYSY	229	366

>PTEN-Q171 QRRYVYYYS	747	>PTEN-Q171 HRRYVYYYS	383	364
>PTEN-Q171 QRRYVYYYSY	41	>PTEN-Q171 HRRYVYYYSY	66	25
>PTEN-Q171 QRRYVYYYSY	19	>PTEN-Q171 HRRYVYYYSY	18	1
>PTEN-Q171 QRRYVYYYY	869	>PTEN-Q171 HRRYVYYYY	249	620
>PTEN-Q171 SQRRYVYYYY	308	>PTEN-Q171 SHRRYVYYYY	2891	2583
>PTEN-Q171 SQRRYVYYYY	137	>PTEN-Q171 SHRRYVYYYY	117	20
>PTEN-Q171 SQRRYVYYYS	355	>PTEN-Q171 SHRRYVYYYS'	302	53
>PTEN-Q171 SQRRYVYYY	72	>PTEN-Q171 SHRRYVYYY	1347	1275
>PTEN-Q171 SQRRYVYYYY	75	>PTEN-Q171 SHRRYVYYYY	1443	1368
>PTEN-Q171 SQRRYVYYYS	152	>PTEN-Q171 SHRRYVYYYS	2744	2592
>PTEN-Q171 SQRRYVYYYS	104	>PTEN-Q171 SHRRYVYYYS'	1834	1730
>PTEN-Q171 SQRRYVYYYY	83	>PTEN-Q171 SHRRYVYYYY	342	259
>PTEN-Q171 SQRRYVYYYS	106	>PTEN-Q171 SHRRYVYYYS'	417	311
>PTEN-Q171 SQRRYVYYYY	219	>PTEN-Q171 SHRRYVYYYY	7892	7673
>PTEN-Q171 SQRRYVYYYY	212	>PTEN-Q171 SHRRYVYYYY	381	169
>PTEN-Q171 SQRRYVYYY	41	>PTEN-Q171 SHRRYVYYY	7963	7922
>PTEN-Q171 SQRRYVYYYY	36	>PTEN-Q171 SHRRYVYYYY	5705	5669
>PTEN-Q171 SQRRYVYYYS	34	>PTEN-Q171 SHRRYVYYYS'	3651	3617
>PTEN-Q171 SQRRYVYYY	383	>PTEN-Q171 SHRRYVYYY	6388	6005
>PTEN-Q171 SQRRYVYYYS	322	>PTEN-Q171 SHRRYVYYYS'	6610	6288
>PTEN-Q171 SQRRYVYYY	4	>PTEN-Q171 SHRRYVYYY	28	24
>PTEN-Q171 SQRRYVYYYY	4	>PTEN-Q171 SHRRYVYYYY	29	25
>PTEN-Q171 SQRRYVYYYS	3	>PTEN-Q171 SHRRYVYYYS'	13	10
>PTEN-Q171 SQRRYVYYYS	492	>PTEN-Q171 SHRRYVYYYS'	3766	3274
>PTEN-Q171 SQRRYVYYYY	453	>PTEN-Q171 SHRRYVYYYY	444	9
>PTEN-Q171 PSQRRYVYYYY	186	>PTEN-Q171 PSHRRYVYYYY	745	559
>PTEN-Q171 PSQRRYVYYYY	1031	>PTEN-Q171 PSHRRYVYYYY	353	678
>PTEN-Q171 PSQRRYVYYYY	359	>PTEN-Q171 PSHRRYVYYYY	462	103
>PTEN-Q171 PSQRRYVYYY	5454	>PTEN-Q171 PSHRRYVYYY	179	5275
>PTEN-Q171 PSQRRYVYYYY	7291	>PTEN-Q171 PSHRRYVYYYY	388	6903
>PTEN-Q171 PSQRRYVYY	465	>PTEN-Q171 PSHRRYVYY	591	126
>PTEN-Q171 PSQRRYVYYYY	40	>PTEN-Q171 PSHRRYVYYYY	84	44
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>PTEN-Q171 IPSQRRYVYYYY	288	>PTEN-Q171 IPSHRRYVYYYY	232	56
>PTEN-Q171 IPSQRRYVYY	183	>PTEN-Q171 IPSHRRYVYY	166	17
>PTEN-Q171 IPSQRRYVYYYY	123	>PTEN-Q171 IPSHRRYVYYYY	112	11
>PTEN-Q171 IPSQRRYV	22	>PTEN-Q171 IPSHRRYV	21	1
>PTEN-Q171 IPSQRRYVYY	165	>PTEN-Q171 IPSHRRYVYY	203	38
>PTEN-Q171 IPSQRRYVYYY	1203	>PTEN-Q171 IPSHRRYVYYY	455	748
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>PTEN-Q171 IPSQRRYVYYYY	27	>PTEN-Q171 IPSHRRYVYYYY	32	5
>PTEN-Q171 IPSQRRYVYY	74	>PTEN-Q171 IPSHRRYVYY	65	9
>PTEN-Q171 IPSQRRYVYYYY	31	>PTEN-Q171 IPSHRRYVYYYY	29	2

>PTEN-Q171 IPSQRRYVY	7	>PTEN-Q171 IPSHRRYVY	11	4
>PTEN-Q171 IPSQRRYVYY	33	>PTEN-Q171 IPSHRRYVYY	54	21
>PTEN-Q171 IPSQRRYVYYY	12	>PTEN-Q171 IPSHRRYVYYY	19	7
>PTEN-Q171 IPSQRRYVY	1416	>PTEN-Q171 IPSHRRYVY	438	978
>PTEN-Q171 IPSQRRYVYY	262	>PTEN-Q171 IPSHRRYVYY	107	155
>PTEN-Q171 IPSQRRYVYYY	518	>PTEN-Q171 IPSHRRYVYYY	203	315
>PTEN-Q171 TIPSQRRYV	1432	>PTEN-Q171 TIPSHRRYV	263	1169
>PTEN-Q171 TIPSQRRYV	225	>PTEN-Q171 TIPSHRRYV	321	96
>PTEN-Q171 TIPSQRRY	437	>PTEN-Q171 TIPSHRRY	182	255
>PTEN-Q171 TIPSQRRYVY	618	>PTEN-Q171 TIPSHRRYVY	280	338
>PTEN-Q171 TIPSQRRYVYY	290	>PTEN-Q171 TIPSHRRYVYY	121	169
>PTEN-Q171 TIPSQRRYVYYY	238	>PTEN-Q171 TIPSHRRYVYYY	162	76
>PTEN-Q171 TIPSQRRYV	67	>PTEN-Q171 TIPSHRRYV	66	1
>PTEN-Q171 TIPSQRRYV	2924	>PTEN-Q171 TIPSHRRYV	317	2607
>PTEN-Q171 VTIPSQRRYV	563	>PTEN-Q171 VTIPSHRRYV	462	101
>PTEN-Q171 VTIPSQRRYV	249	>PTEN-Q171 VTIPSHRRYV	156	93
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>PTEN-Q171 VTIPSQRR	608	>PTEN-Q171 VTIPSHRR	134	474
>PTEN-Q171 VTIPSQRRYV	284	>PTEN-Q171 VTIPSHRRYV	189	95
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>PTEN-Q171 VTIPSQRRYV	509	>PTEN-Q171 VTIPSHRRYV	421	88
>PTEN-Q171 VTIPSQRRY	59	>PTEN-Q171 VTIPSHRRY	28	31
>PTEN-Q171 VTIPSQRRYV	26	>PTEN-Q171 VTIPSHRRYV	18	8
>PTEN-Q171 VTIPSQRRY	41	>PTEN-Q171 VTIPSHRRY	92	51
>PTEN-Q171 VTIPSQRRYV	16	>PTEN-Q171 VTIPSHRRYV	22	6
>PTEN-Q171 VTIPSQRR	135	>PTEN-Q171 VTIPSHRR	36	99
>PTEN-Q171 VTIPSQRR	1245	>PTEN-Q171 VTIPSHRR	497	748
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>PTEN-Q171 VTIPSQRRYV	225	>PTEN-Q171 VTIPSHRRYV	180	45
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>PTEN-Q171 VTIPSQRRYV	205	>PTEN-Q171 VTIPSHRRYV	139	66
>PTEN-Q171 VTIPSQRR	677	>PTEN-Q171 VTIPSHRR	470	207
>PTEN-Q171 VTIPSQRRY	3	>PTEN-Q171 VTIPSHRRY	2	1
>PTEN-Q171 VTIPSQRRYV	124	>PTEN-Q171 VTIPSHRRYV	83	41
>PTEN-Q171 VTIPSQRRYV	4	>PTEN-Q171 VTIPSHRRYV	3	1
>PTEN-Q171 VTIPSQRRY	81	>PTEN-Q171 VTIPSHRRY	56	25
>PTEN-Q171 VTIPSQRRYV	111	>PTEN-Q171 VTIPSHRRYV	97	14
>PTEN-Q171 VTIPSQRRY	122	>PTEN-Q171 VTIPSHRRY	859	737

>PTEN-Q171 VTIPSQRRYV'	76	>PTEN-Q171 VTIPSHRRYV'	152	76
>PTEN-Q171 VTIPSQRRYV	616	>PTEN-Q171 VTIPSHRRYV	139	477
>PTEN-Q171 VTIPSQRRY	37	>PTEN-Q171 VTIPSHRRY	17	20
>PTEN-Q171 VTIPSQRRYV'	37	>PTEN-Q171 VTIPSHRRYV'	27	10
>PTEN-Q171 VTIPSQRRYV'	256	>PTEN-Q171 VTIPSHRRYV'	648	392
>PTEN-Q171 VTIPSQRR	925	>PTEN-Q171 VTIPSHRR	262	663
>PTEN-Q171 GVTIPSQRRY'	623	>PTEN-Q171 GVTIPSHRRY'	390	233
>PTEN-Q171 GVTIPSQRRY'	123	>PTEN-Q171 GVTIPSHRRY'	105	18
>PTEN-Q171 GVTIPSQR	457	>PTEN-Q171 GVTIPSHR	157	300
>PTEN-Q171 GVTIPSQRR	953	>PTEN-Q171 GVTIPSHRR	194	759
>PTEN-Q171 GVTIPSQR	210	>PTEN-Q171 GVTIPSHR	229	19
>PTEN-Q171 GVTIPSQRR	1034	>PTEN-Q171 GVTIPSHRR	285	749
>PTEN-Q171 GVTIPSQRRY	172	>PTEN-Q171 GVTIPSHRRY	124	48
>PTEN-Q171 KGV TIPSQRR	155	>PTEN-Q171 KGV TIPSHRR'	221	66
>PTEN-Q171 KGV TIPSQR	208	>PTEN-Q171 KGV TIPSHR	85	123
>PTEN-Q171 KGV TIPSQRR	202	>PTEN-Q171 KGV TIPSHRR'	172	30
>PTEN-Q171 KGV TIPSQRR	227	>PTEN-Q171 KGV TIPSHRR'	179	48
>PTEN-Q171 KGV TIPSQR	147	>PTEN-Q171 KGV TIPSHR	53	94
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>PTEN-Q171 KKGVTIPSQR	609	>PTEN-Q171 KKGVTIPSHR	193	416
>PTEN-Q171 KKGVTIPSQR	511	>PTEN-Q171 KKGVTIPSHR	155	356
>PTEN-Q171 DKKGVTIPSQ	497	>PTEN-Q171 DKKGVTIPSH	204	293
>PTEN-Q171 QRRYVYYY	292	>PTEN-Q171 PRRYVYYY	755	463
>PTEN-Q171 QRRYVYYY	388	>PTEN-Q171 PRRYVYYY	928	540
>PTEN-Q171 QRRYVYYYSY	405	>PTEN-Q171 PRRYVYYYSY	750	345
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>PTEN-Q171 QRRYVYYYSY	15	>PTEN-Q171 PRRYVYYYSY	96	81
>PTEN-Q171 QRRYVYYYSY	44	>PTEN-Q171 PRRYVYYYSYI	371	327
>PTEN-Q171 QRRYVYYYSY	33	>PTEN-Q171 PRRYVYYYSY	473	440
>PTEN-Q171 QRRYVYYYSY	41	>PTEN-Q171 PRRYVYYYSYI	214	173
>PTEN-Q171 QRRYVYYYSY	19	>PTEN-Q171 PRRYVYYYSYI	69	50
>PTEN-Q171 SQRRYVYYY	308	>PTEN-Q171 SPRRYVYYY	383	75
>PTEN-Q171 SQRRYVYYY	137	>PTEN-Q171 SPRRYVYYY	419	282
>PTEN-Q171 SQRRYVYYYS	355	>PTEN-Q171 SPRRYVYYYS'	989	634
>PTEN-Q171 SQRRYVYY	72	>PTEN-Q171 SPRRYVYY	8225	8153
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>PTEN-Q171 SQRRYVYYYS	152	>PTEN-Q171 SPRRYVYYYS	10683	10531
>PTEN-Q171 SQRRYVYYYS	104	>PTEN-Q171 SPRRYVYYYS'	9284	9180
>PTEN-Q171 SQRRYVYYY	83	>PTEN-Q171 SPRRYVYYY	1033	950
>PTEN-Q171 SQRRYVYYYS	106	>PTEN-Q171 SPRRYVYYYS'	1199	1093
>PTEN-Q171 SQRRYVYYY	219	>PTEN-Q171 SPRRYVYYY	9635	9416
>PTEN-Q171 SQRRYVYYY	212	>PTEN-Q171 SPRRYVYYY	1147	935

>PTEN-Q171 SQRRYVYYYS	23149	>PTEN-Q171 SPRRYVYYYS\	441	22708
>PTEN-Q171 SQRRYVYYYS	4956	>PTEN-Q171 SPRRYVYYYS\	422	4534
>PTEN-Q171 SQRRYVYY	41	>PTEN-Q171 SPRRYVYY	6837	6796
>PTEN-Q171 SQRRYVYY	36	>PTEN-Q171 SPRRYVYY	5065	5029
>PTEN-Q171 SQRRYVYYYS	34	>PTEN-Q171 SPRRYVYYYS\	3270	3236
>PTEN-Q171 SQRRYVYY	383	>PTEN-Q171 SPRRYVYY	3110	2727
>PTEN-Q171 SQRRYVYYYS	322	>PTEN-Q171 SPRRYVYYYS\	3160	2838
>PTEN-Q171 SQRRYVYY	4	>PTEN-Q171 SPRRYVYY	548	544
>PTEN-Q171 SQRRYVYY	4	>PTEN-Q171 SPRRYVYY	634	630
>PTEN-Q171 SQRRYVYYYS	3	>PTEN-Q171 SPRRYVYYYS\	190	187
>PTEN-Q171 SQRRYVYYYS	492	>PTEN-Q171 SPRRYVYYYS\	866	374
>PTEN-Q171 SQRRYVYY	14910	>PTEN-Q171 SPRRYVYY	484	14426
>PTEN-Q171 SQRRYVYY	14486	>PTEN-Q171 SPRRYVYY	222	14264
>PTEN-Q171 SQRRYVYYYS	9232	>PTEN-Q171 SPRRYVYYYS\	67	9165
>PTEN-Q171 SQRRYVYYYS	29073	>PTEN-Q171 SPRRYVYYYS	232	28841
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>PTEN-Q171 SQRRYVYY	6596	>PTEN-Q171 SPRRYVYY	26	6570
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>PTEN-Q171 SQRRYVYY	453	>PTEN-Q171 SPRRYVYY	1294	841
>PTEN-Q171 PSQRRYVY	20525	>PTEN-Q171 PSPRRYVY	451	20074
>PTEN-Q171 PSQRRYVY	14002	>PTEN-Q171 PSPRRYVY	176	13826
>PTEN-Q171 PSQRRYVYYY	186	>PTEN-Q171 PSPRRYVYYY	386	200
>PTEN-Q171 PSQRRYVYYY	359	>PTEN-Q171 PSPRRYVYYY	281	78
>PTEN-Q171 PSQRRYVY	465	>PTEN-Q171 PSPRRYVY	1417	952
>PTEN-Q171 PSQRRYVYYY	40	>PTEN-Q171 PSPRRYVYYY	89	49
>PTEN-Q171 PSQRRYVYYY	353	>PTEN-Q171 PSPRRYVYYY	1128	775
>PTEN-Q171 IPSQRRYV	597	>PTEN-Q171 IPSPRRYV	469	128
>PTEN-Q171 IPSQRRYVYY\	288	>PTEN-Q171 IPSPRRYVYYY	182	106
>PTEN-Q171 IPSQRRYVY	183	>PTEN-Q171 IPSPRRYVY	185	2
>PTEN-Q171 IPSQRRYVYY\	123	>PTEN-Q171 IPSPRRYVYYY	122	1
>PTEN-Q171 IPSQRRYV	22	>PTEN-Q171 IPSPRRYV	25	3
>PTEN-Q171 IPSQRRYVY	165	>PTEN-Q171 IPSPRRYVY	292	127
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>PTEN-Q171 IPSQRRYVYY\	27	>PTEN-Q171 IPSPRRYVYYY	34	7
>PTEN-Q171 IPSQRRYVY	74	>PTEN-Q171 IPSPRRYVY	80	6
>PTEN-Q171 IPSQRRYVYY\	31	>PTEN-Q171 IPSPRRYVYYY	34	3
>PTEN-Q171 IPSQRRYVY	7	>PTEN-Q171 IPSPRRYVY	8	1
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>PTEN-Q171 IPSQRRYVYY\	12	>PTEN-Q171 IPSPRRYVYYY	12	0
>PTEN-Q171 IPSQRRYVY	262	>PTEN-Q171 IPSPRRYVY	228	34
>PTEN-Q171 IPSQRRYVYY\	518	>PTEN-Q171 IPSPRRYVYYY	448	70
>PTEN-Q171 TIPSQRRYV	1464	>PTEN-Q171 TIPSPRRYV	438	1026
>PTEN-Q171 TIPSQRRYV	225	>PTEN-Q171 TIPSPRRYV	317	92



>PTEN-Q171 TIPSQRRY	437	>PTEN-Q171 TIPSPRRY	351	86
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>PTEN-Q171 TIPSQRRYVY\	290	>PTEN-Q171 TIPSPRRYVY\	201	89
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>PTEN-Q171 VTIPSQRRYV	563	>PTEN-Q171 VTIPSPRRYV	283	280
>PTEN-Q171 VTIPSQRRYV	249	>PTEN-Q171 VTIPSPRRYV	87	162
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>PTEN-Q171 VTIPSQRR	608	>PTEN-Q171 VTIPSPRR	220	388
>PTEN-Q171 VTIPSQRRYV\	284	>PTEN-Q171 VTIPSPRRYV\	168	116
>PTEN-Q171 VTIPSQRRY	26	>PTEN-Q171 VTIPSPRRY	54	28
>PTEN-Q171 VTIPSQRRYV\	38	>PTEN-Q171 VTIPSPRRYV\	67	29
>PTEN-Q171 VTIPSQRRY	1205	>PTEN-Q171 VTIPSPRRY	241	964
>PTEN-Q171 VTIPSQRRYV\	509	>PTEN-Q171 VTIPSPRRYV\	370	139
>PTEN-Q171 VTIPSQRRY	59	>PTEN-Q171 VTIPSPRRY	39	20
>PTEN-Q171 VTIPSQRRYV\	26	>PTEN-Q171 VTIPSPRRYV\	20	6
>PTEN-Q171 VTIPSQRRY	41	>PTEN-Q171 VTIPSPRRY	134	93
>PTEN-Q171 VTIPSQRRYV\	16	>PTEN-Q171 VTIPSPRRYV\	26	10
>PTEN-Q171 VTIPSQRR	135	>PTEN-Q171 VTIPSPRR	169	34
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>PTEN-Q171 VTIPSQRRYV	225	>PTEN-Q171 VTIPSPRRYV	106	119
>PTEN-Q171 VTIPSQRRYV\	579	>PTEN-Q171 VTIPSPRRYV\	393	186
>PTEN-Q171 VTIPSQRRY	399	>PTEN-Q171 VTIPSPRRY	716	317
>PTEN-Q171 VTIPSQRRYV\	109	>PTEN-Q171 VTIPSPRRYV\	128	19
>PTEN-Q171 VTIPSQRRYV\	205	>PTEN-Q171 VTIPSPRRYV\	154	51
>PTEN-Q171 VTIPSQRR	677	>PTEN-Q171 VTIPSPRR	490	187
>PTEN-Q171 VTIPSQRRY	3	>PTEN-Q171 VTIPSPRRY	2	1
>PTEN-Q171 VTIPSQRRYV	124	>PTEN-Q171 VTIPSPRRYV	91	33
>PTEN-Q171 VTIPSQRRYV\	4	>PTEN-Q171 VTIPSPRRYV\	3	1
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>PTEN-Q171 VTIPSQRRY	122	>PTEN-Q171 VTIPSPRRY	397	275
>PTEN-Q171 VTIPSQRRYV\	76	>PTEN-Q171 VTIPSPRRYV\	95	19
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>PTEN-Q171 VTIPSQRRY	37	>PTEN-Q171 VTIPSPRRY	48	11
>PTEN-Q171 VTIPSQRRYV\	37	>PTEN-Q171 VTIPSPRRYV\	42	5
>PTEN-Q171 VTIPSQRRYV\	256	>PTEN-Q171 VTIPSPRRYV\	1677	1421
>PTEN-Q171 VTIPSQRR	925	>PTEN-Q171 VTIPSPRR	457	468
>PTEN-Q171 GVTIPSQRRY	623	>PTEN-Q171 GVTIPSPRRY\	388	235
>PTEN-Q171 GVTIPSQRRY	123	>PTEN-Q171 GVTIPSPRRY\	131	8
>PTEN-Q171 GVTIPSQR	1062	>PTEN-Q171 GVTIPSQR	392	670

>PTEN-Q171 GVTIPSQR	457	>PTEN-Q171 GVTIPSPR	169	288
>PTEN-Q171 GVTIPSQR	210	>PTEN-Q171 GVTIPSPR	229	19
>PTEN-Q171 GVTIPSQRRY	172	>PTEN-Q171 GVTIPSPRRY	170	2
>PTEN-Q171 GVTIPSQRRY	553	>PTEN-Q171 GVTIPSPRRY	264	289
>PTEN-Q171 KGV TIPSQR	155	>PTEN-Q171 KGV TIPSRR\	285	130
>PTEN-Q171 KGV TIPSQR	208	>PTEN-Q171 KGV TIPSPR	72	136
>PTEN-Q171 KGV TIPSQR	202	>PTEN-Q171 KGV TIPSRR\	186	16
>PTEN-Q171 KGV TIPSQR	227	>PTEN-Q171 KGV TIPSRR\	344	117
>PTEN-Q171 KGV TIPSQR	147	>PTEN-Q171 KGV TIPSPR	46	101
>PTEN-Q171 KGV TIPSQR	120	>PTEN-Q171 KGV TIPSRR	101	19
>PTEN-Q171 KKGVTIPSQR	982	>PTEN-Q171 KKGVTIPSPR	321	661
>PTEN-Q171 KKGVTIPSQR	609	>PTEN-Q171 KKGVTIPSPR	155	454
>PTEN-Q171 DKKGV TIPSQ	497	>PTEN-Q171 DKKGV TIPSPI	214	283
>PTEN-Q17P·QEDGF DLDL T	44	>PTEN-Q17P·PEDGF DLDL T	197	153
>PTEN-Q17P·QEDGF DLDL	15	>PTEN-Q17P·PEDGF DLDL	118	103
>PTEN-Q17P·QEDGF DLDL T	114	>PTEN-Q17P·PEDGF DLDL T	706	592
>PTEN-Q17P·YQEDGF DL	25159	>PTEN-Q17P·YPEDGF DL	136	25023
>PTEN-Q17P·YQEDGF DLDI	30944	>PTEN-Q17P·YPEDGF DLDL	233	30711
>PTEN-Q17P·YQEDGF DLDI	209	>PTEN-Q17P·YPEDGF DLDL	11917	11708
>PTEN-Q17P·YQEDGF DL	26	>PTEN-Q17P·YPEDGF DL	7417	7391
>PTEN-Q17P·YQEDGF DLDI	297	>PTEN-Q17P·YPEDGF DLDL	11476	11179
>PTEN-Q17P·YQEDGF DLDI	27	>PTEN-Q17P·YPEDGF DLDL	11750	11723
>PTEN-Q17P·YQEDGF DL	21978	>PTEN-Q17P·YPEDGF DL	133	21845
>PTEN-Q17P·YQEDGF DL	11688	>PTEN-Q17P·YPEDGF DL	98	11590
>PTEN-Q17P·YQEDGF DLDI	35855	>PTEN-Q17P·YPEDGF DLDL	246	35609
>PTEN-Q17P·YQEDGF DL	68	>PTEN-Q17P·YPEDGF DL	223	155
>PTEN-Q17P·YQEDGF DLDI	137	>PTEN-Q17P·YPEDGF DLDL	437	300
>PTEN-Q17P·YQEDGF DL	269	>PTEN-Q17P·YPEDGF DL	16560	16291
>PTEN-Q17P·YQEDGF DL	24015	>PTEN-Q17P·YPEDGF DL	184	23831
>PTEN-Q17P·YQEDGF DLDI	23073	>PTEN-Q17P·YPEDGF DLDL	327	22746
>PTEN-Q17P·YQEDGF DLD	29827	>PTEN-Q17P·YPEDGF DLD	420	29407
>PTEN-Q17P·YQEDGF DLDI	27326	>PTEN-Q17P·YPEDGF DLDL	317	27009
>PTEN-Q17P·YQEDGF DL	18250	>PTEN-Q17P·YPEDGF DL	189	18061
>PTEN-Q17P·YQEDGF DLDI	14629	>PTEN-Q17P·YPEDGF DLDL	86	14543
>PTEN-Q17P·RYQEDGF DL	467	>PTEN-Q17P·RYPEDGF DL	2130	1663
>PTEN-Q17P·RYQEDGF DL	320	>PTEN-Q17P·RYPEDGF DL	213	107
>PTEN-Q17P·RYQEDGF DLI	569	>PTEN-Q17P·RYPEDGF DLI	353	216
>PTEN-Q17P·RYQEDGF DL	6	>PTEN-Q17P·RYPEDGF DL	5	1
>PTEN-Q17P·RYQEDGF DLI	607	>PTEN-Q17P·RYPEDGF DLI	373	234
>PTEN-Q17P·RYQEDGF DLI	7	>PTEN-Q17P·RYPEDGF DLI	6	1
>PTEN-Q17P·RRYQEDGF	41	>PTEN-Q17P·RRYPEDGF	24	17
>PTEN-Q17P·RRYQEDGF DI	223	>PTEN-Q17P·RRYPEDGF DL	147	76
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>PTEN-Q17P·RRYQEDGFDI	11	>PTEN-Q17P·RRYPEDGFDL	18	7
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>PTEN-Q17P·RRYQEDGFDI	18	>PTEN-Q17P·RRYPEDGFDL	35	17
>PTEN-Q17P·RRYQEDGFDI	300	>PTEN-Q17P·RRYPEDGFDL	355	55
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>PTEN-Q17P·RRYQEDGFDI	21	>PTEN-Q17P·RRYPEDGFDL	32	11
>PTEN-Q17P·RRYQEDGF	229	>PTEN-Q17P·RRYPEDGF	101	128
>PTEN-Q17P·KRRYQEDGF	93	>PTEN-Q17P·KRRYPEDGF	41	52
>PTEN-Q17P·KRRYQEDGFI	327	>PTEN-Q17P·KRRYPEDGFI	216	111
>PTEN-Q17P·KRRYQEDG	266	>PTEN-Q17P·KRRYPEDG	586	320
>PTEN-Q17P·KRRYQEDGF	233	>PTEN-Q17P·KRRYPEDGF	198	35
>PTEN-Q17P·KRRYQEDGFI	203	>PTEN-Q17P·KRRYPEDGFI	198	5
>PTEN-Q17P·KRRYQEDGFI	45	>PTEN-Q17P·KRRYPEDGFI	42	3
>PTEN-Q17P·KRRYQEDGFI	515	>PTEN-Q17P·KRRYPEDGFI	494	21
>PTEN-Q17P·NKRRYQEDG	55	>PTEN-Q17P·NKRRYPEDGF	31	24
>PTEN-Q17P·RNKRRYQED	980	>PTEN-Q17P·RNKRRYPED	465	515
>PTEN-Q17P·RNKRRYQED	317	>PTEN-Q17P·RNKRRYPED	328	11
>PTEN-Q17P·VSRNKRRYQ	113	>PTEN-Q17P·VSRNKRRYP	344	231
>PTEN-R130(RTGVMICAY	243	>PTEN-R130(GTGVMICAY	587	344
>PTEN-R130(RTGVMICAYL	398	>PTEN-R130(GTGVMICAYI	2172	1774
>PTEN-R130(RTGVMICAY	169	>PTEN-R130(GTGVMICAY	5877	5708
>PTEN-R130(RTGVMICAYL	114	>PTEN-R130(GTGVMICAYI	3615	3501
>PTEN-R130(RTGVMICAYL	74	>PTEN-R130(GTGVMICAYI	288	214
>PTEN-R130(RTGVMICAY	228	>PTEN-R130(GTGVMICAY	4952	4724
>PTEN-R130(RTGVMICAY	70	>PTEN-R130(GTGVMICAY	173	103
>PTEN-R130(RTGVMICAY	13	>PTEN-R130(GTGVMICAY	78	65
>PTEN-R130(RTGVMICAYL	12	>PTEN-R130(GTGVMICAYI	435	423
>PTEN-R130(RTGVMICAYL	14	>PTEN-R130(GTGVMICAYI	554	540
>PTEN-R130(RTGVMICAY	205	>PTEN-R130(GTGVMICAY	10404	10199
>PTEN-R130(RTGVMICAYL	438	>PTEN-R130(GTGVMICAYI	12869	12431
>PTEN-R130(RTGVMICAYL	428	>PTEN-R130(GTGVMICAYI	13231	12803
>PTEN-R130(RTGVMICAYL	90	>PTEN-R130(GTGVMICAYI	302	212
>PTEN-R130(RTGVMICAYL	56	>PTEN-R130(GTGVMICAYI	176	120
>PTEN-R130(RTGVMICAY	378	>PTEN-R130(GTGVMICAY	426	48
>PTEN-R130(RTGVMICAYL	72	>PTEN-R130(GTGVMICAYI	389	317
>PTEN-R130(RTGVMICAYL	235	>PTEN-R130(GTGVMICAYI	306	71
>PTEN-R130(RTGVMICAYL	394	>PTEN-R130(GTGVMICAYI	4674	4280
>PTEN-R130(GRTGVMICA'	620	>PTEN-R130(GGTGVMICA'	368	252
>PTEN-R130(GRTGVMICA'	113	>PTEN-R130(GGTGVMICA'	27627	27514
>PTEN-R130(GRTGVMICA'	258	>PTEN-R130(GGTGVMICA'	22192	21934
>PTEN-R130(GRTGVMICA'	334	>PTEN-R130(GGTGVMICA'	27195	26861
>PTEN-R130(GRTGVMICA'	78	>PTEN-R130(GGTGVMICA'	21406	21328
>PTEN-R130(AAIHCKAGKC	447	>PTEN-R130(AAIHCKAGKC	23120	22673

>PTEN-R130(KGRTGVM I	29	>PTEN-R130(KGGTGVM I	8680	8651
>PTEN-R130(KGRTGVMIC	365	>PTEN-R130(KGGTGVMIC	15680	15315
>PTEN-R130(KGRTGVMIC/	21	>PTEN-R130(KGGTGVMIC/	9258	9237
>PTEN-R130(KGRTGVMIC/	38	>PTEN-R130(KGGTGVMIC/	10261	10223
>PTEN-R130(KGRTGVMIC/	314	>PTEN-R130(KGGTGVMIC/	252	62
>PTEN-R130(KGRTGVMIC/	165	>PTEN-R130(KGGTGVMIC/	412	247
>PTEN-R130(KGRTGVMIC/	174	>PTEN-R130(KGGTGVMIC/	1997	1823
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>PTEN-R130(KKGRTGVM I	308	>PTEN-R130(KKGGTGVM I	1914	1606
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>PTEN-R130(KAGKGRTGV I	135	>PTEN-R130(KAGKGGTG V	120	15
>PTEN-R130(HCKAGKGR	345	>PTEN-R130(HCKAGKGG	34880	34535
>PTEN-R130(AIHCKAGKGF	407	>PTEN-R130(AIHCKAGKGC	32053	31646
>PTEN-R130f RTGVMICAY	243	>PTEN-R130f PTGVMICAY	1912	1669
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>PTEN-R130f RTGVMICAY	169	>PTEN-R130f PTGVMICAY	12371	12202
>PTEN-R130f RTGVMICAYL	114	>PTEN-R130f PTGVMICAYL	9187	9073
>PTEN-R130f RTGVMICAYL	74	>PTEN-R130f PTGVMICAYL	1523	1449
>PTEN-R130f RTGVMICAY	228	>PTEN-R130f PTGVMICAY	6590	6362
>PTEN-R130f RTGVMICAY	70	>PTEN-R130f PTGVMICAY	2621	2551
>PTEN-R130f RTGVMICAY	13	>PTEN-R130f PTGVMICAY	3254	3241
>PTEN-R130f RTGVMICAYL	12	>PTEN-R130f PTGVMICAYL	8877	8865
>PTEN-R130f RTGVMICAYL	14	>PTEN-R130f PTGVMICAYL	9304	9290
>PTEN-R130f RTGVMICAY	205	>PTEN-R130f PTGVMICAY	18901	18696
>PTEN-R130f RTGVMICAYL	438	>PTEN-R130f PTGVMICAYL	19752	19314
>PTEN-R130f RTGVMICAYL	428	>PTEN-R130f PTGVMICAYL	19831	19403
>PTEN-R130f RTGVMICAYL	90	>PTEN-R130f PTGVMICAYL	970	880
>PTEN-R130f RTGVMICAYL	56	>PTEN-R130f PTGVMICAYL	560	504
>PTEN-R130f RTGVMICAY	378	>PTEN-R130f PTGVMICAY	11837	11459
>PTEN-R130f RTGVMICAYL	72	>PTEN-R130f PTGVMICAYL	3066	2994
>PTEN-R130f RTGVMICAYL	235	>PTEN-R130f PTGVMICAYL	12354	12119
>PTEN-R130f RTGVMICAYL	394	>PTEN-R130f PTGVMICAYL	13662	13268
>PTEN-R130f GRTGVMICA`	22032	>PTEN-R130f GPTGVMICA`	311	21721
>PTEN-R130f GRTGVMICA`	113	>PTEN-R130f GPTGVMICA`	27530	27417
>PTEN-R130f GRTGVMICA`	258	>PTEN-R130f GPTGVMICA`	23437	23179
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>PTEN-R130f GRTGVMICA`	13318	>PTEN-R130f GPTGVMICA`	54	13264
>PTEN-R130f GRTGVMICA`	334	>PTEN-R130f GPTGVMICA`	25816	25482
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>PTEN-R130f KGRTGVM I	29	>PTEN-R130f KGPTGVM I	10985	10956
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>PTEN-R130f KGRTGVMIC/	21	>PTEN-R130f KGPTGVMIC/	11191	11170

>PTEN-R130f KGRTGVMIC/	38	>PTEN-R130f KGPTGVMIC/	11926	11888
>PTEN-R130f KGRTGVMIC/	314	>PTEN-R130f KGPTGVMIC/	629	315
>PTEN-R130f KGRTGVMIC/	165	>PTEN-R130f KGPTGVMIC/	1507	1342
>PTEN-R130f KGRTGVMIC/	174	>PTEN-R130f KGPTGVMIC/	2246	2072
>PTEN-R130f KGRTGVMIC/	135	>PTEN-R130f KGPTGVMIC/	7331	7196
>PTEN-R130f KGRTGVMIC	21668	>PTEN-R130f KGPTGVMIC	116	21552
>PTEN-R130f GKGRGTVMI	308	>PTEN-R130f GKGPRTGVMIC	377	69
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>PTEN-R130f KAGKGRGTVMI	135	>PTEN-R130f KAGKGPRTGVMIC	100	35
>PTEN-R130f HCKAGKGR	345	>PTEN-R130f HCKAGKGP	34615	34270
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>PTEN-R130f RTGVMICAY	1764	>PTEN-R130f QTGVMICAY	466	1298
>PTEN-R130f RTGVMICAY	828	>PTEN-R130f QTGVMICAY	125	703
>PTEN-R130f RTGVMICAY	243	>PTEN-R130f QTGVMICAY	749	506
>PTEN-R130f RTGVMICAYL	398	>PTEN-R130f QTGVMICAYI	2147	1749
>PTEN-R130f RTGVMICAY	169	>PTEN-R130f QTGVMICAY	2206	2037
>PTEN-R130f RTGVMICAYL	114	>PTEN-R130f QTGVMICAYI	1157	1043
>PTEN-R130f RTGVMICAYL	74	>PTEN-R130f QTGVMICAYI	86	12
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>PTEN-R130f RTGVMICAY	228	>PTEN-R130f QTGVMICAY	1254	1026
>PTEN-R130f RTGVMICAY	70	>PTEN-R130f QTGVMICAY	188	118
>PTEN-R130f RTGVMICAY	13	>PTEN-R130f QTGVMICAY	65	52
>PTEN-R130f RTGVMICAYL	12	>PTEN-R130f QTGVMICAYI	239	227
>PTEN-R130f RTGVMICAYL	14	>PTEN-R130f QTGVMICAYI	314	300
>PTEN-R130f RTGVMICAY	205	>PTEN-R130f QTGVMICAY	6590	6385
>PTEN-R130f RTGVMICAYL	438	>PTEN-R130f QTGVMICAYI	9238	8800
>PTEN-R130f RTGVMICAYL	428	>PTEN-R130f QTGVMICAYI	9382	8954
>PTEN-R130f RTGVMICAYL	90	>PTEN-R130f QTGVMICAYI	238	148
>PTEN-R130f RTGVMICAYL	56	>PTEN-R130f QTGVMICAYI	138	82
>PTEN-R130f RTGVMICAY	378	>PTEN-R130f QTGVMICAY	1610	1232
>PTEN-R130f RTGVMICAYL	72	>PTEN-R130f QTGVMICAYI	354	282
>PTEN-R130f RTGVMICAYL	235	>PTEN-R130f QTGVMICAYI	1058	823
>PTEN-R130f RTGVMICAYL	394	>PTEN-R130f QTGVMICAYI	3386	2992
>PTEN-R130f GRTGVMICA'	6271	>PTEN-R130f GQTGVMICA	78	6193
>PTEN-R130f GRTGVMICA	23887	>PTEN-R130f GQTGVMICA	322	23565
>PTEN-R130f GRTGVMICA'	14054	>PTEN-R130f GQTGVMICA	29	14025
>PTEN-R130f GRTGVMICA'	620	>PTEN-R130f GQTGVMICA	248	372
>PTEN-R130f GRTGVMICA'	2501	>PTEN-R130f GQTGVMICA	466	2035
>PTEN-R130f GRTGVMICA'	13211	>PTEN-R130f GQTGVMICA	154	13057
>PTEN-R130f GRTGVMICA'	1375	>PTEN-R130f GQTGVMICA	401	974
>PTEN-R130f GRTGVMICA'	113	>PTEN-R130f GQTGVMICA	10375	10262
>PTEN-R130f GRTGVMICA'	258	>PTEN-R130f GQTGVMICA	3726	3468
>PTEN-R130f GRTGVMICA'	14320	>PTEN-R130f GQTGVMICA	180	14140

>PTEN-R130(GRTGVMICA'	334	>PTEN-R130(GQTGVMICA	7313	6979
>PTEN-R130(GRTGVMICA'	78	>PTEN-R130(GQTGVMICA	1850	1772
>PTEN-R130(AAIHCKAGKC	447	>PTEN-R130(AAIHCKAGKC	19687	19240
>PTEN-R130(KGRTGVM	29	>PTEN-R130(KGQTGVM	5116	5087
>PTEN-R130(KGRTGVMIC	365	>PTEN-R130(KGQTGVMIC	13439	13074
>PTEN-R130(KGRTGVMIC/	21	>PTEN-R130(KGQTGVMIC,	5588	5567
>PTEN-R130(KGRTGVMIC/	38	>PTEN-R130(KGQTGVMIC,	6863	6825
>PTEN-R130(KGRTGVMIC/	314	>PTEN-R130(KGQTGVMIC,	142	172
>PTEN-R130(KGRTGVMIC/	165	>PTEN-R130(KGQTGVMIC,	270	105
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>PTEN-R130(GKGRTGVM	308	>PTEN-R130(GKGQTGVM	640	332
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>PTEN-R130(KAGKGRTGV	135	>PTEN-R130(KAGKGQTV	106	29
>PTEN-R130(HCKAGKGR	345	>PTEN-R130(HCKAGKGQ	21319	20974
>PTEN-R130(AIHCKAGKGF	407	>PTEN-R130(AIHCKAGKGC	25896	25489
>PTEN-R142(RGKFLKAQEA	193	>PTEN-R142(QGKFLKAQE/	6019	5826
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>PTEN-R142(LLHRGKFL	8	>PTEN-R142(LLHQGKFL	6	2
>PTEN-R142(LLHRGKFLK	328	>PTEN-R142(LLHQGKFLK	258	70
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>PTEN-R142(LLHRGKFLKA/	230	>PTEN-R142(LLHQGKFLKA	176	54
>PTEN-R142(LLHRGKFLK	41	>PTEN-R142(LLHQGKFLK	62	21
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>PTEN-R142(LLHRGKFLK	37	>PTEN-R142(LLHQGKFLK	360	323
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>PTEN-R142(YLLHRGKFLK/	446	>PTEN-R142(YLLHQGKFLK	338	108
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>PTEN-R142(YLLHRGKFL	6	>PTEN-R142(YLLHQGKFL	5	1
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>PTEN-R142(YLLHRGKFLK/	317	>PTEN-R142(YLLHQGKFLK	205	112
>PTEN-R142(YLLHRGKFL	6	>PTEN-R142(YLLHQGKFL	6	0
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>PTEN-R142(YLLHRGKFLK/	8	>PTEN-R142(YLLHQGKFLK	7	1
>PTEN-R142(YLLHRGKFLK	28	>PTEN-R142(YLLHQGKFLK	46	18
>PTEN-R142(YLLHRGKFLK	113	>PTEN-R142(YLLHQGKFLK	150	37
>PTEN-R142(YLLHRGKF	735	>PTEN-R142(YLLHQGKF	366	369
>PTEN-R142(YLLHRGKF	606	>PTEN-R142(YLLHQGKF	285	321
>PTEN-R142(YLLHRGKFLK	316	>PTEN-R142(YLLHQGKFLK	804	488
>PTEN-R142(YLLHRGKF	412	>PTEN-R142(YLLHQGKF	4254	3842
>PTEN-R142(YLLHRGKFL	54	>PTEN-R142(YLLHQGKFL	1394	1340
>PTEN-R142(YLLHRGKFLK/	154	>PTEN-R142(YLLHQGKFLK	999	845
>PTEN-R142(YLLHRGKF	473	>PTEN-R142(YLLHQGKF	449	24
>PTEN-R142(YLLHRGKF	43	>PTEN-R142(YLLHQGKF	40	3
>PTEN-R142(YLLHRGKFL	478	>PTEN-R142(YLLHQGKFL	483	5
>PTEN-R142(YLLHRGKF	45	>PTEN-R142(YLLHQGKF	42	3
>PTEN-R142(YLLHRGKFL	278	>PTEN-R142(YLLHQGKFL	218	60
>PTEN-R142(YLLHRGKF	259	>PTEN-R142(YLLHQGKF	203	56
>PTEN-R142(YLLHRGKFLK	111	>PTEN-R142(YLLHQGKFLK	171	60
>PTEN-R142(AYLLHRGKFLI	230	>PTEN-R142(AYLLHQGKFL	316	86
>PTEN-R142(AYLLHRGKF	418	>PTEN-R142(AYLLHQGKF	706	288
>PTEN-R142(AYLLHRGKFL	368	>PTEN-R142(AYLLHQGKFL	347	21
>PTEN-R142(AYLLHRGKF	8	>PTEN-R142(AYLLHQGKF	8	0
>PTEN-R142(AYLLHRGKFL	16	>PTEN-R142(AYLLHQGKFL	12	4
>PTEN-R142(AYLLHRGK	40	>PTEN-R142(AYLLHQGK	50	10
>PTEN-R142(AYLLHRGKFLI	25	>PTEN-R142(AYLLHQGKFL	54	29
>PTEN-R142(AYLLHRGKFLI	76	>PTEN-R142(AYLLHQGKFL	161	85
>PTEN-R142(AYLLHRGKFLI	305	>PTEN-R142(AYLLHQGKFL	170	135

>PTEN-R142(CAYLLHRGKFL	540	>PTEN-R142(CAYLLHQGKFL	456	84
>PTEN-R142(CAYLLHRGKFK	119	>PTEN-R142(CAYLLHQGKFK	178	59
>PTEN-R142(CAYLLHRGK	523	>PTEN-R142(CAYLLHQGK	312	211
>PTEN-R142(CAYLLHRGK	471	>PTEN-R142(CAYLLHQGK	228	243
>PTEN-R142(CAYLLHRGKFK	67	>PTEN-R142(CAYLLHQGKFK	36	31
>PTEN-R142(CAYLLHRGKFK	350	>PTEN-R142(CAYLLHQGKFK	281	69
>PTEN-R142(CAYLLHRGKFK	350	>PTEN-R142(CAYLLHQGKFK	163	187
>PTEN-R142(CAYLLHRGKFK	185	>PTEN-R142(CAYLLHQGKFK	216	31
>PTEN-R142(ICAYLLHRGKFI	187	>PTEN-R142(ICAYLLHQGKI	206	19
>PTEN-R142(ICAYLLHR	107	>PTEN-R142(ICAYLLHQ	16339	16232
>PTEN-R142(MICAYLLHR	315	>PTEN-R142(MICAYLLHQ	12632	12317
>PTEN-R142(MICAYLLHRG	162	>PTEN-R142(MICAYLLHQG	181	19
>PTEN-R142(MICAYLLHR	89	>PTEN-R142(MICAYLLHQ	10860	10771
>PTEN-R142(MICAYLLHRG	49	>PTEN-R142(MICAYLLHQG	38	11
>PTEN-R142(MICAYLLHRG	77	>PTEN-R142(MICAYLLHQG	63	14
>PTEN-R142(MICAYLLHR	11	>PTEN-R142(MICAYLLHQ	6390	6379
>PTEN-R142(MICAYLLHRG	473	>PTEN-R142(MICAYLLHQG	358	115
>PTEN-R142(MICAYLLHR	45	>PTEN-R142(MICAYLLHQ	16158	16113
>PTEN-R142(MICAYLLHR	28	>PTEN-R142(MICAYLLHQ	5274	5246
>PTEN-R142(MICAYLLHRG	124	>PTEN-R142(MICAYLLHQG	82	42
>PTEN-R142(MICAYLLHR	28	>PTEN-R142(MICAYLLHQ	2575	2547
>PTEN-R142(VMICAYLLHR	166	>PTEN-R142(VMICAYLLHC	4389	4223
>PTEN-R142(VMICAYLLHR	52	>PTEN-R142(VMICAYLLHC	15153	15101
>PTEN-R142(VMICAYLLHR	44	>PTEN-R142(VMICAYLLHC	7975	7931
>PTEN-R142(VMICAYLLHR	237	>PTEN-R142(VMICAYLLHC	15566	15329
>PTEN-R142(VMICAYLLHR	119	>PTEN-R142(VMICAYLLHC	23157	23038
>PTEN-R142(VMICAYLLHR	4242	>PTEN-R142(VMICAYLLHC	477	3765
>PTEN-R142(VMICAYLLHR	434	>PTEN-R142(VMICAYLLHC	1924	1490
>PTEN-R142(VMICAYLLHR	70	>PTEN-R142(VMICAYLLHC	4791	4721
>PTEN-R142(VMICAYLLHR	58	>PTEN-R142(VMICAYLLHC	6539	6481
>PTEN-R142\RGKFLKAQEAF	193	>PTEN-R142\HWGKFLKAQE	13760	13567
>PTEN-R142\HRGKFLKA	15219	>PTEN-R142\HWGKFLKA	264	14955
>PTEN-R142\HRGKFLKAQ	9165	>PTEN-R142\HWGKFLKAQ	69	9096
>PTEN-R142\HRGKFLKAQ	37561	>PTEN-R142\HWGKFLKAQ	450	37111
>PTEN-R142\GVMICAYLLH	52	>PTEN-R142\GVMICAYLLH	18459	18407
>PTEN-R142\GVMICAYLLH	38	>PTEN-R142\GVMICAYLLH	13899	13861
>PTEN-R142\GVMICAYLLH	177	>PTEN-R142\GVMICAYLLH	28845	28668
>PTEN-R142\GVMICAYLLH	17458	>PTEN-R142\GVMICAYLLH	57	17401
>PTEN-R142\GVMICAYLLH	23056	>PTEN-R142\GVMICAYLLH	285	22771
>PTEN-R142\GVMICAYLLH	21585	>PTEN-R142\GVMICAYLLH	27	21558
>PTEN-R142\GVMICAYLLH	198	>PTEN-R142\GVMICAYLLH	4402	4204
>PTEN-R142\GVMICAYLLH	132	>PTEN-R142\GVMICAYLLH	29735	29603
>PTEN-R142\LHRGKFLK	386	>PTEN-R142\LHWGKFLK	12744	12358



>PTEN-R142\LLHRGKFL	2717	>PTEN-R142\LLHWGKFL	457	2260
>PTEN-R142\LLHRGKFL	274	>PTEN-R142\LLHWGKFL	160	114
>PTEN-R142\LLHRGKFLKA	546	>PTEN-R142\LLHWGKFLK/	319	227
>PTEN-R142\LLHRGKFL	288	>PTEN-R142\LLHWGKFL	139	149
>PTEN-R142\LLHRGKFLKA	194	>PTEN-R142\LLHWGKFLK/	207	13
>PTEN-R142\LLHRGKFL	28	>PTEN-R142\LLHWGKFL	6	22
>PTEN-R142\LLHRGKFLKA	132	>PTEN-R142\LLHWGKFLK/	22	110
>PTEN-R142\LLHRGKFL	353	>PTEN-R142\LLHWGKFL	223	130
>PTEN-R142\LLHRGKFL	204	>PTEN-R142\LLHWGKFL	33	171
>PTEN-R142\LLHRGKFLKA	700	>PTEN-R142\LLHWGKFLK/	123	577
>PTEN-R142\LLHRGKFL	8	>PTEN-R142\LLHWGKFL	3	5
>PTEN-R142\LLHRGKFLK	328	>PTEN-R142\LLHWGKFLK	56	272
>PTEN-R142\LLHRGKFLKA	8	>PTEN-R142\LLHWGKFLK/	5	3
>PTEN-R142\LLHRGKFLKA/	230	>PTEN-R142\LLHWGKFLK/	71	159
>PTEN-R142\LLHRGKFLK	41	>PTEN-R142\LLHWGKFLK	36	5
>PTEN-R142\LLHRGKFLK	63	>PTEN-R142\LLHWGKFLK	31	32
>PTEN-R142\LLHRGKFLK	37	>PTEN-R142\LLHWGKFLK	283	246
>PTEN-R142\LLHRGKFLK	69	>PTEN-R142\LLHWGKFLK	55	14
>PTEN-R142\LLHRGKFLK	427	>PTEN-R142\LLHWGKFLK	132	295
>PTEN-R142\YLLHRGKFL	93	>PTEN-R142\YLLHWGKFL	17	76
>PTEN-R142\YLLHRGKFLK	4680	>PTEN-R142\YLLHWGKFLK	499	4181
>PTEN-R142\YLLHRGKFLK/	86	>PTEN-R142\YLLHWGKFLK	26	60
>PTEN-R142\YLLHRGKFL	91	>PTEN-R142\YLLHWGKFL	75	16
>PTEN-R142\YLLHRGKFLK/	446	>PTEN-R142\YLLHWGKFLK	317	129
>PTEN-R142\YLLHRGKFL	70	>PTEN-R142\YLLHWGKFL	42	28
>PTEN-R142\YLLHRGKFLK/	44	>PTEN-R142\YLLHWGKFLK	31	13
>PTEN-R142\YLLHRGKF	2078	>PTEN-R142\YLLHWGKF	392	1686
>PTEN-R142\YLLHRGKFL	105	>PTEN-R142\YLLHWGKFL	30	75
>PTEN-R142\YLLHRGKFLK/	66	>PTEN-R142\YLLHWGKFLK	36	30
>PTEN-R142\YLLHRGKF	1186	>PTEN-R142\YLLHWGKF	48	1138
>PTEN-R142\YLLHRGKFL	6	>PTEN-R142\YLLHWGKFL	2	4
>PTEN-R142\YLLHRGKFLK	1163	>PTEN-R142\YLLHWGKFLK	95	1068
>PTEN-R142\YLLHRGKFLK/	12	>PTEN-R142\YLLHWGKFLK	4	8
>PTEN-R142\YLLHRGKFL	10	>PTEN-R142\YLLHWGKFL	3	7
>PTEN-R142\YLLHRGKFLK/	39	>PTEN-R142\YLLHWGKFLK	13	26
>PTEN-R142\YLLHRGKFL	12	>PTEN-R142\YLLHWGKFL	6	6
>PTEN-R142\YLLHRGKFLK/	17	>PTEN-R142\YLLHWGKFLK	8	9
>PTEN-R142\YLLHRGKFL	58	>PTEN-R142\YLLHWGKFL	6	52
>PTEN-R142\YLLHRGKFLK/	317	>PTEN-R142\YLLHWGKFLK	31	286
>PTEN-R142\YLLHRGKFL	6	>PTEN-R142\YLLHWGKFL	3	3
>PTEN-R142\YLLHRGKFLK	296	>PTEN-R142\YLLHWGKFLK	51	245
>PTEN-R142\YLLHRGKFLK/	8	>PTEN-R142\YLLHWGKFLK	4	4
>PTEN-R142\YLLHRGKFLK	28	>PTEN-R142\YLLHWGKFLK	20	8

>PTEN-R142\YLLHRGKFLK	113	>PTEN-R142\YLLHWGKFLK	89	24
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>PTEN-R142\YLLHRGKF	735	>PTEN-R142\YLLHWGKF	308	427
>PTEN-R142\YLLHRGKF	606	>PTEN-R142\YLLHWGKF	68	538
>PTEN-R142\YLLHRGKFLK	316	>PTEN-R142\YLLHWGKFLK	228	88
>PTEN-R142\YLLHRGKFL	9678	>PTEN-R142\YLLHWGKFL	457	9221
>PTEN-R142\YLLHRGKF	412	>PTEN-R142\YLLHWGKF	5850	5438
>PTEN-R142\YLLHRGKFL	54	>PTEN-R142\YLLHWGKFL	3338	3284
>PTEN-R142\YLLHRGKFLK/	154	>PTEN-R142\YLLHWGKFLK	1439	1285
>PTEN-R142\YLLHRGKF	473	>PTEN-R142\YLLHWGKF	251	222
>PTEN-R142\YLLHRGKF	43	>PTEN-R142\YLLHWGKF	33	10
>PTEN-R142\YLLHRGKFL	478	>PTEN-R142\YLLHWGKFL	831	353
>PTEN-R142\YLLHRGKF	45	>PTEN-R142\YLLHWGKF	44	1
>PTEN-R142\YLLHRGKFL	278	>PTEN-R142\YLLHWGKFL	175	103
>PTEN-R142\YLLHRGKF	259	>PTEN-R142\YLLHWGKF	189	70
>PTEN-R142\YLLHRGKFLK	111	>PTEN-R142\YLLHWGKFLK	68	43
>PTEN-R142\AYLLHRGKF	1272	>PTEN-R142\AYLLHWGKF	280	992
>PTEN-R142\AYLLHRGKFLI	230	>PTEN-R142\AYLLHWGKFI	219	11
>PTEN-R142\AYLLHRGKF	418	>PTEN-R142\AYLLHWGKF	180	238
>PTEN-R142\AYLLHRGKFL	368	>PTEN-R142\AYLLHWGKFI	469	101
>PTEN-R142\AYLLHRGKF	1055	>PTEN-R142\AYLLHWGKF	115	940
>PTEN-R142\AYLLHRGKF	8	>PTEN-R142\AYLLHWGKF	10	2
>PTEN-R142\AYLLHRGKFL	16	>PTEN-R142\AYLLHWGKFI	16	0
>PTEN-R142\AYLLHRGK	40	>PTEN-R142\AYLLHWGK	51	11
>PTEN-R142\AYLLHRGKFLI	25	>PTEN-R142\AYLLHWGKFI	30	5
>PTEN-R142\AYLLHRGK	1264	>PTEN-R142\AYLLHWGK	406	858
>PTEN-R142\AYLLHRGKFLI	76	>PTEN-R142\AYLLHWGKFI	85	9
>PTEN-R142\AYLLHRGK	841	>PTEN-R142\AYLLHWGK	211	630
>PTEN-R142\AYLLHRGKFLI	305	>PTEN-R142\AYLLHWGKFI	126	179
>PTEN-R142\AYLLHRGK	1682	>PTEN-R142\AYLLHWGK	280	1402
>PTEN-R142\AYLLHRGKFL	2514	>PTEN-R142\AYLLHWGKFI	405	2109
>PTEN-R142\AYLLHRGKFL	540	>PTEN-R142\AYLLHWGKFI	177	363
>PTEN-R142\CAYLLHRGKF	119	>PTEN-R142\CAYLLHWGKI	216	97
>PTEN-R142\CAYLLHRGK	523	>PTEN-R142\CAYLLHWGK	50	473
>PTEN-R142\CAYLLHRGK	2302	>PTEN-R142\CAYLLHWGK	425	1877
>PTEN-R142\CAYLLHRGK	471	>PTEN-R142\CAYLLHWGK	76	395
>PTEN-R142\CAYLLHRGKF	67	>PTEN-R142\CAYLLHWGKI	33	34
>PTEN-R142\CAYLLHRGKF	350	>PTEN-R142\CAYLLHWGKI	380	30
>PTEN-R142\CAYLLHRGKF	350	>PTEN-R142\CAYLLHWGKI	314	36
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>PTEN-R142\ICAYLLHR	22088	>PTEN-R142\ICAYLLHW	81	22007
>PTEN-R142\ICAYLLHRGKI	187	>PTEN-R142\ICAYLLHWGK	165	22

>PTEN-R142\ICAYLLHR	32537	>PTEN-R142\ICAYLLHW	408	32129
>PTEN-R142\ICAYLLHR	107	>PTEN-R142\ICAYLLHW	29987	29880
>PTEN-R142\MICAYLLHR	315	>PTEN-R142\MICAYLLHW	17479	17164
>PTEN-R142\MICAYLLHRG	162	>PTEN-R142\MICAYLLHW	147	15
>PTEN-R142\MICAYLLHR	89	>PTEN-R142\MICAYLLHW	19700	19611
>PTEN-R142\MICAYLLHRG	49	>PTEN-R142\MICAYLLHW	17	32
>PTEN-R142\MICAYLLHRG	77	>PTEN-R142\MICAYLLHW	120	43
>PTEN-R142\MICAYLLHR	11	>PTEN-R142\MICAYLLHW	11946	11935
>PTEN-R142\MICAYLLHRG	473	>PTEN-R142\MICAYLLHW	126	347
>PTEN-R142\MICAYLLHR	45	>PTEN-R142\MICAYLLHW	24215	24170
>PTEN-R142\MICAYLLHR	28	>PTEN-R142\MICAYLLHW	17677	17649
>PTEN-R142\MICAYLLHRG	124	>PTEN-R142\MICAYLLHW	46	78
>PTEN-R142\MICAYLLHR	21093	>PTEN-R142\MICAYLLHW	56	21037
>PTEN-R142\MICAYLLHR	21285	>PTEN-R142\MICAYLLHW	18	21267
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>PTEN-R142\MICAYLLHR	28	>PTEN-R142\MICAYLLHW	10504	10476
>PTEN-R142\MICAYLLHRG	1168	>PTEN-R142\MICAYLLHW	224	944
>PTEN-R142\VMICAYLLHR	166	>PTEN-R142\VMICAYLLHV	6511	6345
>PTEN-R142\VMICAYLLHR	52	>PTEN-R142\VMICAYLLHV	19582	19530
>PTEN-R142\VMICAYLLHR	44	>PTEN-R142\VMICAYLLHV	12316	12272
>PTEN-R142\VMICAYLLHR	237	>PTEN-R142\VMICAYLLHV	21818	21581
>PTEN-R142\VMICAYLLHR	119	>PTEN-R142\VMICAYLLHV	29697	29578
>PTEN-R142\VMICAYLLHR	4242	>PTEN-R142\VMICAYLLHV	103	4139
>PTEN-R142\VMICAYLLHR	434	>PTEN-R142\VMICAYLLHV	188	246
>PTEN-R142\VMICAYLLHR	18960	>PTEN-R142\VMICAYLLHV	65	18895
>PTEN-R142\VMICAYLLHR	23789	>PTEN-R142\VMICAYLLHV	380	23409
>PTEN-R142\VMICAYLLHR	20509	>PTEN-R142\VMICAYLLHV	14	20495
>PTEN-R142\VMICAYLLHR	27619	>PTEN-R142\VMICAYLLHV	341	27278
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>PTEN-R142\VMICAYLLHR	58	>PTEN-R142\VMICAYLLHV	17581	17523
>PTEN-R14G·RRYQEDGF	41	>PTEN-R14G·GRYQEDGF	406	365
>PTEN-R14G·RRYQEDGFDI	223	>PTEN-R14G·GRYQEDGFDI	1570	1347
>PTEN-R14G·RRYQEDGF	61	>PTEN-R14G·GRYQEDGF	413	352
>PTEN-R14G·RRYQEDGFDI	11	>PTEN-R14G·GRYQEDGFDI	39	28
>PTEN-R14G·RRYQEDGF	189	>PTEN-R14G·GRYQEDGF	12938	12749
>PTEN-R14G·RRYQEDGFDI	18	>PTEN-R14G·GRYQEDGFDI	284	266
>PTEN-R14G·RRYQEDGFDI	300	>PTEN-R14G·GRYQEDGFDI	4331	4031
>PTEN-R14G·RRYQEDGF	452	>PTEN-R14G·GRYQEDGF	11082	10630
>PTEN-R14G·RRYQEDGFDI	21	>PTEN-R14G·GRYQEDGFDI	217	196
>PTEN-R14G·RRYQEDGF	229	>PTEN-R14G·GRYQEDGF	4066	3837
>PTEN-R14G·KRRYQEDGF	93	>PTEN-R14G·KGRYQEDGF	1838	1745
>PTEN-R14G·KRRYQEDGFI	327	>PTEN-R14G·KGRYQEDGFI	7153	6826
>PTEN-R14G·KRRYQEDG	266	>PTEN-R14G·KGRYQEDG	26567	26301

>PTEN-R14G·KRRYQEDGF	233	>PTEN-R14G·KGRYQEDGF	20319	20086
>PTEN-R14G·KRRYQEDGFI	203	>PTEN-R14G·KGRYQEDGFI	23924	23721
>PTEN-R14G·KRRYQEDGFI	45	>PTEN-R14G·KGRYQEDGFI	11406	11361
>PTEN-R14G·IIKEIVSRNKR	24	>PTEN-R14G·IIKEIVSRNKG	19664	19640
>PTEN-R14G·IIKEIVSRNKR	117	>PTEN-R14G·IIKEIVSRNKG	29966	29849
>PTEN-R14G·IIKEIVSRNKR	40	>PTEN-R14G·IIKEIVSRNKG	31367	31327
>PTEN-R14G·NKRRYQEDG	55	>PTEN-R14G·NKGRYQEDG	549	494
>PTEN-R14G·RNKRRYQEDG	317	>PTEN-R14G·RNKGRYQEDG	1031	714
>PTEN-R14G·VSRNKRRYQ	113	>PTEN-R14G·VSRNKGRYQ	437	324
>PTEN-R14G·VSRNKRRY	155	>PTEN-R14G·VSRNKGRY	63	92
>PTEN-R14G·VSRNKRRY	7	>PTEN-R14G·VSRNKGRY	5	2
>PTEN-R14G·IVSRNKRRY	1084	>PTEN-R14G·IVSRNKGRY	316	768
>PTEN-R14G·IVSRNKRRY	157	>PTEN-R14G·IVSRNKGRY	22	135
>PTEN-R14G·IVSRNKRR	225	>PTEN-R14G·IVSRNKGR	456	231
>PTEN-R14G·IVSRNKRR	128	>PTEN-R14G·IVSRNKGR	95	33
>PTEN-R14G·IVSRNKRRY	542	>PTEN-R14G·IVSRNKGRY	198	344
>PTEN-R14G·EIVSRNKRRY	13	>PTEN-R14G·EIVSRNKGRY	9	4
>PTEN-R14G·EIVSRNKRRY	313	>PTEN-R14G·EIVSRNKGRY	215	98
>PTEN-R14G·EIVSRNKR	155	>PTEN-R14G·EIVSRNKG	32515	32360
>PTEN-R14G·EIVSRNKRR	356	>PTEN-R14G·EIVSRNKGR	416	60
>PTEN-R14G·EIVSRNKR	8	>PTEN-R14G·EIVSRNKG	18928	18920
>PTEN-R14G·EIVSRNKRR	20	>PTEN-R14G·EIVSRNKGR	19	1
>PTEN-R14G·EIVSRNKR	258	>PTEN-R14G·EIVSRNKG	34347	34089
>PTEN-R14G·EIVSRNKRR	226	>PTEN-R14G·EIVSRNKGR	222	4
>PTEN-R14G·KEIVSRNKRR	954	>PTEN-R14G·KEIVSRNKGR	255	699
>PTEN-R14G·KEIVSRNKRR	321	>PTEN-R14G·KEIVSRNKGR	573	252
>PTEN-R14G·KEIVSRNKRR	358	>PTEN-R14G·KEIVSRNKGR	259	99
>PTEN-R159I·RTRDKKGV	14	>PTEN-R159I·KTRDKKGV	16	2
>PTEN-R159I·RTRDKKGV	71	>PTEN-R159I·KTRDKKGV	82	11
>PTEN-R159I·RTRDKKGV	5	>PTEN-R159I·KTRDKKGV	5	0
>PTEN-R159I·RTRDKKGV	103	>PTEN-R159I·KTRDKKGV	120	17
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>PTEN-R159I·RTRDKKGV	26	>PTEN-R159I·KTRDKKGV	47	21
>PTEN-R159I·RTRDKKGV	5	>PTEN-R159I·KTRDKKGV	7	2
>PTEN-R159I·RTRDKKGV	100	>PTEN-R159I·KTRDKKGV	441	341
>PTEN-R159I·VRTRDKKGV	873	>PTEN-R159I·VKTRDKKGV	282	591
>PTEN-R159I·EVRTRDKK	81	>PTEN-R159I·EVKTRDKK	33	48
>PTEN-R159I·GEVTRDKK	178	>PTEN-R159I·GEVKTRDKK	316	138
>PTEN-R159I·GEVTRDKK	381	>PTEN-R159I·GEVKTRDKK	365	16
>PTEN-R159I·GEVTRDKK	89	>PTEN-R159I·GEVKTRDKK	53	36
>PTEN-R159I·FYGEVTR	163	>PTEN-R159I·FYGEVKTR	295	132
>PTEN-R159I·FYGEVTR	107	>PTEN-R159I·FYGEVKTR	68	39
>PTEN-R159I·DFYGEVTR	31	>PTEN-R159I·DFYGEVKTR	42	11

>PTEN-R159I DFYGEVRTR	408	>PTEN-R159I DFYGEVKTR	365	43
>PTEN-R159I DFYGEVRTR	291	>PTEN-R159I DFYGEVKTR	128	163
>PTEN-R159I ALDFYGEVRT	308	>PTEN-R159I ALDFYGEVKT	477	169
>PTEN-R159I ALDFYGEVRT	416	>PTEN-R159I ALDFYGEVKT	820	404
>PTEN-R159I ALDFYGEVR	5928	>PTEN-R159I ALDFYGEVK	250	5678
>PTEN-R159I EALDFYGEVR	5833	>PTEN-R159I EALDFYGEVK	487	5346
>PTEN-R159I EALDFYGEVR	299	>PTEN-R159I EALDFYGEVK	6947	6648
>PTEN-R159I EALDFYGEVR	28	>PTEN-R159I EALDFYGEVK	77	49
>PTEN-R159I EALDFYGEVR	519	>PTEN-R159I EALDFYGEVK	456	63
>PTEN-R159I RTRDKKGV	14	>PTEN-R159I STRDKKGV	144	130
>PTEN-R159I RTRDKKGV	71	>PTEN-R159I STRDKKGV	1179	1108
>PTEN-R159I RTRDKKGV	5	>PTEN-R159I STRDKKGV	17	12
>PTEN-R159I RTRDKKGV	103	>PTEN-R159I STRDKKGV	1511	1408
>PTEN-R159I RTRDKKGV	120	>PTEN-R159I STRDKKGV	931	811
>PTEN-R159I RTRDKKGV	26	>PTEN-R159I STRDKKGV	438	412
>PTEN-R159I RTRDKKGV	5	>PTEN-R159I STRDKKGV	24	19
>PTEN-R159I RTRDKKGV	100	>PTEN-R159I STRDKKGV	162	62
>PTEN-R159I VRTRDKKGV	9171	>PTEN-R159I VSTRDKKGV	164	9007
>PTEN-R159I QEALDFYGEV	1385	>PTEN-R159I QEALDFYGEV	167	1218
>PTEN-R159I EVRTRDKK	81	>PTEN-R159I EVSTRDKK	12	69
>PTEN-R159I GEVTRDKKC	178	>PTEN-R159I GEVSTRDKKC	466	288
>PTEN-R159I GEVTRDKKC	381	>PTEN-R159I GEVSTRDKKC	197	184
>PTEN-R159I GEVTRDKKC	89	>PTEN-R159I GEVSTRDKKC	53	36
>PTEN-R159I FYGEVRTR	705	>PTEN-R159I FYGEVSTR	391	314
>PTEN-R159I FYGEVRTR	163	>PTEN-R159I FYGEVSTR	134	29
>PTEN-R159I FYGEVRTR	883	>PTEN-R159I FYGEVSTR	383	500
>PTEN-R159I FYGEVRTR	107	>PTEN-R159I FYGEVSTR	109	2
>PTEN-R159I DFYGEVRTR	31	>PTEN-R159I DFYGEVSTR	15	16
>PTEN-R159I DFYGEVRTR	408	>PTEN-R159I DFYGEVSTR	63	345
>PTEN-R159I DFYGEVRTR	291	>PTEN-R159I DFYGEVSTR	296	5
>PTEN-R159I ALDFYGEVRT	308	>PTEN-R159I ALDFYGEVST	267	41
>PTEN-R159I ALDFYGEVRT	416	>PTEN-R159I ALDFYGEVST	372	44
>PTEN-R159I EALDFYGEVR	299	>PTEN-R159I EALDFYGEVS	26219	25920
>PTEN-R159I EALDFYGEVR	28	>PTEN-R159I EALDFYGEVS	21286	21258
>PTEN-R159I EALDFYGEVR	519	>PTEN-R159I EALDFYGEVS	284	235
>PTEN-R15I-I RYQEDGFDL	467	>PTEN-R15I-I YQEDGFDL	302	165
>PTEN-R15I-I RYQEDGFDL	586	>PTEN-R15I-I YQEDGFDL	397	189
>PTEN-R15I-I RYQEDGFDL	320	>PTEN-R15I-I YQEDGFDL	325	5
>PTEN-R15I-I RYQEDGFDL	6	>PTEN-R15I-I YQEDGFDL	19	13
>PTEN-R15I-I RYQEDGFDL	7	>PTEN-R15I-I YQEDGFDL	24	17
>PTEN-R15I-I RRYQEDGFDI	12867	>PTEN-R15I-I RIYQEDGFDL	380	12487
>PTEN-R15I-I RRYQEDGFDI	17105	>PTEN-R15I-I RIYQEDGFDL	288	16817
>PTEN-R15I-I RRYQEDGFDI	16822	>PTEN-R15I-I RIYQEDGFDL	286	16536

>PTEN-R15I-1 RRYQEDGFDI	25138	>PTEN-R15I-1 RIYQEDGFDL	328	24810
>PTEN-R15I-1 RRYQEDGF	6457	>PTEN-R15I-1 RIYQEDGF	85	6372
>PTEN-R15I-1 RRYQEDGF	11726	>PTEN-R15I-1 RIYQEDGF	199	11527
>PTEN-R15I-1 RRYQEDGF	41	>PTEN-R15I-1 RIYQEDGF	383	342
>PTEN-R15I-1 RRYQEDGFDI	223	>PTEN-R15I-1 RIYQEDGFDL	2345	2122
>PTEN-R15I-1 RRYQEDGF	6333	>PTEN-R15I-1 RIYQEDGF	24	6309
>PTEN-R15I-1 RRYQEDGFDI	15600	>PTEN-R15I-1 RIYQEDGFDL	248	15352
>PTEN-R15I-1 RRYQEDGF	61	>PTEN-R15I-1 RIYQEDGF	13853	13792
>PTEN-R15I-1 RRYQEDGFDI	11	>PTEN-R15I-1 RIYQEDGFDL	11928	11917
>PTEN-R15I-1 RRYQEDGF	189	>PTEN-R15I-1 RIYQEDGF	20644	20455
>PTEN-R15I-1 RRYQEDGFDI	18	>PTEN-R15I-1 RIYQEDGFDL	3854	3836
>PTEN-R15I-1 RRYQEDGFDI	300	>PTEN-R15I-1 RIYQEDGFDL	20467	20167
>PTEN-R15I-1 RRYQEDGF	452	>PTEN-R15I-1 RIYQEDGF	21108	20656
>PTEN-R15I-1 RRYQEDGFDI	21	>PTEN-R15I-1 RIYQEDGFDL	11496	11475
>PTEN-R15I-1 RRYQEDGF	229	>PTEN-R15I-1 RIYQEDGF	7828	7599
>PTEN-R15I-1 IKEIVSRNKRR	33584	>PTEN-R15I-1 IKEIVSRNKRI	471	33113
>PTEN-R15I-1 KRRYQEDGF	93	>PTEN-R15I-1 KRIYQEDGF	154	61
>PTEN-R15I-1 KRRYQEDGFL	327	>PTEN-R15I-1 KRIYQEDGFD	499	172
>PTEN-R15I-1 KRRYQEDGFL	1396	>PTEN-R15I-1 KRIYQEDGFD	452	944
>PTEN-R15I-1 KRRYQEDG	266	>PTEN-R15I-1 KRIYQEDG	218	48
>PTEN-R15I-1 KRRYQEDGF	233	>PTEN-R15I-1 KRIYQEDGF	530	297
>PTEN-R15I-1 KRRYQEDGFL	203	>PTEN-R15I-1 KRIYQEDGFD	419	216
>PTEN-R15I-1 KRRYQEDGFL	45	>PTEN-R15I-1 KRIYQEDGFD	92	47
>PTEN-R15I-1 NKRRYQEDG	55	>PTEN-R15I-1 NKRIYQEDGF	111	56
>PTEN-R15I-1 RNKRRYQEDG	317	>PTEN-R15I-1 RNKRIYQEDG	338	21
>PTEN-R15I-1 VSRNKRRY	685	>PTEN-R15I-1 VSRNKRIY	375	310
>PTEN-R15I-1 VSRNKRRYQ	113	>PTEN-R15I-1 VSRNKRIYQ	41	72
>PTEN-R15I-1 VSRNKRRY	155	>PTEN-R15I-1 VSRNKRIY	145	10
>PTEN-R15I-1 VSRNKRRY	956	>PTEN-R15I-1 VSRNKRIY	209	747
>PTEN-R15I-1 VSRNKRRY	7	>PTEN-R15I-1 VSRNKRIY	13	6
>PTEN-R15I-1 IVSRNKRRY	157	>PTEN-R15I-1 IVSRNKRIY	146	11
>PTEN-R15I-1 IVSRNKRR	225	>PTEN-R15I-1 IVSRNKRI	22262	22037
>PTEN-R15I-1 IVSRNKRR	128	>PTEN-R15I-1 IVSRNKRI	33642	33514
>PTEN-R15I-1 IVSRNKRRY	542	>PTEN-R15I-1 IVSRNKRIY	450	92
>PTEN-R15I-1 EIVSRNKRRY	13	>PTEN-R15I-1 EIVSRNKRIY	20	7
>PTEN-R15I-1 EIVSRNKRRY	313	>PTEN-R15I-1 EIVSRNKRIY	383	70
>PTEN-R15I-1 EIVSRNKRR	356	>PTEN-R15I-1 EIVSRNKRI	32537	32181
>PTEN-R15I-1 EIVSRNKRR	20	>PTEN-R15I-1 EIVSRNKRI	22877	22857
>PTEN-R15I-1 EIVSRNKRR	226	>PTEN-R15I-1 EIVSRNKRI	33474	33248
>PTEN-R15I-1 KEIVSRNKRR	28239	>PTEN-R15I-1 KEIVSRNKRI	125	28114
>PTEN-R15I-1 KEIVSRNKRR'	632	>PTEN-R15I-1 KEIVSRNKRIY	150	482
>PTEN-R15I-1 KEIVSRNKRR'	1780	>PTEN-R15I-1 KEIVSRNKRIY	450	1330
>PTEN-R15I-1 KEIVSRNKRR'	321	>PTEN-R15I-1 KEIVSRNKRIY	245	76

>PTEN-R15I- <b>l</b> KEIVSRNKRR	22280	>PTEN-R15I- <b>i</b> KEIVSRNKRI	16	22264
>PTEN-R15I- <b>l</b> KEIVSRNKRR	358	>PTEN-R15I- <b>i</b> KEIVSRNKRI	33232	32874
>PTEN-R15K- RYQEDGFDL	467	>PTEN-R15K- KYQEDGFDL	436	31
>PTEN-R15K- RYQEDGFDL	320	>PTEN-R15K- KYQEDGFDL	443	123
>PTEN-R15K- RYQEDGFDL	6	>PTEN-R15K- KYQEDGFDL	13	7
>PTEN-R15K- RYQEDGFDL <b>l</b>	7	>PTEN-R15K- KYQEDGFDL <b>l</b>	16	9
>PTEN-R15K- RRYQEDGF	41	>PTEN-R15K- RKYQEDGF	6	35
>PTEN-R15K- RRYQEDGF <b>l</b>	223	>PTEN-R15K- RKYQEDGF <b>l</b>	39	184
>PTEN-R15K- RRYQEDGF	61	>PTEN-R15K- RKYQEDGF	3025	2964
>PTEN-R15K- RRYQEDGF <b>l</b>	11	>PTEN-R15K- RKYQEDGF <b>l</b>	428	417
>PTEN-R15K- RRYQEDGF	189	>PTEN-R15K- RKYQEDGF	6170	5981
>PTEN-R15K- RRYQEDGF <b>l</b>	18	>PTEN-R15K- RKYQEDGF <b>l</b>	224	206
>PTEN-R15K- RRYQEDGF <b>l</b>	300	>PTEN-R15K- RKYQEDGF <b>l</b>	4907	4607
>PTEN-R15K- RRYQEDGF	452	>PTEN-R15K- RKYQEDGF	7383	6931
>PTEN-R15K- RRYQEDGF <b>l</b>	21	>PTEN-R15K- RKYQEDGF <b>l</b>	480	459
>PTEN-R15K- RRYQEDGF	229	>PTEN-R15K- RKYQEDGF	1873	1644
>PTEN-R15K- KRRYQEDGF	93	>PTEN-R15K- KRKYQEDGF	204	111
>PTEN-R15K- KRRYQEDGF <b>l</b>	327	>PTEN-R15K- KRKYQEDGF <b>l</b>	700	373
>PTEN-R15K- KRRYQEDG	266	>PTEN-R15K- KRKYQEDG	1453	1187
>PTEN-R15K- KRRYQEDGF	233	>PTEN-R15K- KRKYQEDGF	583	350
>PTEN-R15K- KRRYQEDGF <b>l</b>	203	>PTEN-R15K- KRKYQEDGF <b>l</b>	569	366
>PTEN-R15K- KRRYQEDGF <b>l</b>	45	>PTEN-R15K- KRKYQEDGF <b>l</b>	97	52
>PTEN-R15K- NKRRYQEDG	55	>PTEN-R15K- NKRYQEDG <b>l</b>	51	4
>PTEN-R15K- RNKRRYQEDG	317	>PTEN-R15K- RNKRYQEDG	477	160
>PTEN-R15K- VSRNKRRYQ	113	>PTEN-R15K- VSRNKRYQ	190	77
>PTEN-R15K- VSRNKRRY	155	>PTEN-R15K- VSRNKRY	180	25
>PTEN-R15K- VSRNKRRY	7	>PTEN-R15K- VSRNKRY	7	0
>PTEN-R15K- IVSRNKRR	4670	>PTEN-R15K- IVSRNKRK	212	4458
>PTEN-R15K- IVSRNKRR	3756	>PTEN-R15K- IVSRNKRK	195	3561
>PTEN-R15K- IVSRNKRR	9240	>PTEN-R15K- IVSRNKRK	408	8832
>PTEN-R15K- IVSRNKRRY	157	>PTEN-R15K- IVSRNKRY	152	5
>PTEN-R15K- IVSRNKRR	225	>PTEN-R15K- IVSRNKRK	4226	4001
>PTEN-R15K- IVSRNKRR	128	>PTEN-R15K- IVSRNKRK	490	362
>PTEN-R15K- EIVSRNKRRY	1743	>PTEN-R15K- EIVSRNKRY	469	1274
>PTEN-R15K- EIVSRNKRRY	13	>PTEN-R15K- EIVSRNKRY	20	7
>PTEN-R15K- EIVSRNKRRY	313	>PTEN-R15K- EIVSRNKRY	427	114
>PTEN-R15K- EIVSRNKRR	356	>PTEN-R15K- EIVSRNKRK	7435	7079
>PTEN-R15K- EIVSRNKRR	20	>PTEN-R15K- EIVSRNKRK	64	44
>PTEN-R15K- EIVSRNKRR	226	>PTEN-R15K- EIVSRNKRK	6294	6068
>PTEN-R15K- KEIVSRNKRR'	632	>PTEN-R15K- KEIVSRNKRK'	408	224
>PTEN-R15K- KEIVSRNKRR'	321	>PTEN-R15K- KEIVSRNKRK'	344	23
>PTEN-R15K- KEIVSRNKRR	358	>PTEN-R15K- KEIVSRNKRK	7026	6668
>PTEN-R15S- RYQEDGFDL	467	>PTEN-R15S- SYQEDGFDL	2059	1592

>PTEN-R15S- RYQEDGFDL	320	>PTEN-R15S- SYQEDGFDL	954	634
>PTEN-R15S- RYQEDGFDL	6	>PTEN-R15S- SYQEDGFDL	14	8
>PTEN-R15S- RYQEDGFDLL	7	>PTEN-R15S- SYQEDGFDLL	18	11
>PTEN-R15S- RRYQEDGF	6457	>PTEN-R15S- RSYQEDGF	120	6337
>PTEN-R15S- RRYQEDGF	11726	>PTEN-R15S- RSYQEDGF	222	11504
>PTEN-R15S- RRYQEDGF	41	>PTEN-R15S- RSYQEDGF	61	20
>PTEN-R15S- RRYQEDGFDI	223	>PTEN-R15S- RSYQEDGFDI	569	346
>PTEN-R15S- RRYQEDGF	6333	>PTEN-R15S- RSYQEDGF	4	6329
>PTEN-R15S- RRYQEDGFDI	15600	>PTEN-R15S- RSYQEDGFDI	7	15593
>PTEN-R15S- RRYQEDGF	61	>PTEN-R15S- RSYQEDGF	12112	12051
>PTEN-R15S- RRYQEDGFDI	11	>PTEN-R15S- RSYQEDGFDI	5749	5738
>PTEN-R15S- RRYQEDGF	21302	>PTEN-R15S- RSYQEDGF	128	21174
>PTEN-R15S- RRYQEDGF	18647	>PTEN-R15S- RSYQEDGF	25	18622
>PTEN-R15S- RRYQEDGFDI	21103	>PTEN-R15S- RSYQEDGFDI	322	20781
>PTEN-R15S- RRYQEDGF	189	>PTEN-R15S- RSYQEDGF	16146	15957
>PTEN-R15S- RRYQEDGFDI	18	>PTEN-R15S- RSYQEDGFDI	2344	2326
>PTEN-R15S- RRYQEDGFDI	300	>PTEN-R15S- RSYQEDGFDI	12410	12110
>PTEN-R15S- RRYQEDGF	452	>PTEN-R15S- RSYQEDGF	17386	16934
>PTEN-R15S- RRYQEDGFDI	21	>PTEN-R15S- RSYQEDGFDI	4292	4271
>PTEN-R15S- RRYQEDGF	229	>PTEN-R15S- RSYQEDGF	1469	1240
>PTEN-R15S- KRRYQEDGF	93	>PTEN-R15S- KRSYQEDGF	227	134
>PTEN-R15S- KRRYQEDGFL	327	>PTEN-R15S- KRSYQEDGFL	718	391
>PTEN-R15S- KRRYQEDG	266	>PTEN-R15S- KRSYQEDG	1290	1024
>PTEN-R15S- KRRYQEDGF	233	>PTEN-R15S- KRSYQEDGF	859	626
>PTEN-R15S- KRRYQEDGFL	203	>PTEN-R15S- KRSYQEDGFL	1285	1082
>PTEN-R15S- KRRYQEDGFL	45	>PTEN-R15S- KRSYQEDGFL	146	101
>PTEN-R15S- NKRRYQEDG	55	>PTEN-R15S- NKRSYQEDGI	34	21
>PTEN-R15S- RNKRRYQEDG	317	>PTEN-R15S- RNKRSYQEDG	117	200
>PTEN-R15S- VSRNKRRY	685	>PTEN-R15S- VSRNKRSY	269	416
>PTEN-R15S- VSRNKRRYQ	113	>PTEN-R15S- VSRNKRSYQ	113	0
>PTEN-R15S- VSRNKRRY	155	>PTEN-R15S- VSRNKRSY	73	82
>PTEN-R15S- VSRNKRRY	1116	>PTEN-R15S- VSRNKRSY	196	920
>PTEN-R15S- VSRNKRRY	956	>PTEN-R15S- VSRNKRSY	93	863
>PTEN-R15S- VSRNKRRY	7	>PTEN-R15S- VSRNKRSY	7	0
>PTEN-R15S- VSRNKRRYQ	4780	>PTEN-R15S- VSRNKRSYQ	154	4626
>PTEN-R15S- IVSRNKRRY	157	>PTEN-R15S- IVSRNKRSY	87	70
>PTEN-R15S- IVSRNKRR	225	>PTEN-R15S- IVSRNKRS	22195	21970
>PTEN-R15S- IVSRNKRR	128	>PTEN-R15S- IVSRNKRS	28621	28493
>PTEN-R15S- IVSRNKRRY	2097	>PTEN-R15S- IVSRNKRSY	347	1750
>PTEN-R15S- EIVSRNKRRY	1743	>PTEN-R15S- EIVSRNKRSY	231	1512
>PTEN-R15S- EIVSRNKRRY	13	>PTEN-R15S- EIVSRNKRSY	14	1
>PTEN-R15S- EIVSRNKRRY	313	>PTEN-R15S- EIVSRNKRSY	75	238
>PTEN-R15S- EIVSRNKRR	356	>PTEN-R15S- EIVSRNKRS	31817	31461



>PTEN-R15S- EIVSRNKRR	20	>PTEN-R15S- EIVSRNKRS	16162	16142
>PTEN-R15S- EIVSRNKRRY(	1650	>PTEN-R15S- EIVSRNKRSY(	415	1235
>PTEN-R15S- EIVSRNKRR	226	>PTEN-R15S- EIVSRNKRS	31299	31073
>PTEN-R15S- KEIVSRNKRR'	632	>PTEN-R15S- KEIVSRNKRS\	92	540
>PTEN-R15S- KEIVSRNKRR'	1780	>PTEN-R15S- KEIVSRNKRS\	202	1578
>PTEN-R15S- KEIVSRNKRR'	321	>PTEN-R15S- KEIVSRNKRS\	264	57
>PTEN-R15S- KEIVSRNKRR	358	>PTEN-R15S- KEIVSRNKRS	31269	30911
>PTEN-R161(RDKKGVTI	179	>PTEN-R161(GDKKGVTI	87	92
>PTEN-R161(RTRDKKGV	2423	>PTEN-R161(RTGDKKGV	365	2058
>PTEN-R161(RTRDKKGV	14	>PTEN-R161(RTGDKKGV	6776	6762
>PTEN-R161(RTRDKKGV	71	>PTEN-R161(RTGDKKGV	12950	12879
>PTEN-R161(RTRDKKGV	5	>PTEN-R161(RTGDKKGV	1745	1740
>PTEN-R161(RTRDKKGV	103	>PTEN-R161(RTGDKKGV	13236	13133
>PTEN-R161(RTRDKKGV	120	>PTEN-R161(RTGDKKGV	66	54
>PTEN-R161(RTRDKKGV	26	>PTEN-R161(RTGDKKGV	764	738
>PTEN-R161(RTRDKKGV	5	>PTEN-R161(RTGDKKGV	34	29
>PTEN-R161(RTRDKKGV	100	>PTEN-R161(RTGDKKGV	319	219
>PTEN-R161(EVRTRDKK	81	>PTEN-R161(EVRTGDKK	147	66
>PTEN-R161(GEVTRDKK(	178	>PTEN-R161(GEVRTGDKK(	444	266
>PTEN-R161(GEVTRDKK(	381	>PTEN-R161(GEVRTGDKK(	198	183
>PTEN-R161(GEVTRDKK(	89	>PTEN-R161(GEVRTGDKK(	167	78
>PTEN-R161(FYGEVRTR	163	>PTEN-R161(FYGEVRTG	26844	26681
>PTEN-R161(FYGEVRTR	107	>PTEN-R161(FYGEVRTG	34540	34433
>PTEN-R161(DFYGEVRTR	31	>PTEN-R161(DFYGEVRTG	21668	21637
>PTEN-R161(DFYGEVRTR	408	>PTEN-R161(DFYGEVRTG	37303	36895
>PTEN-R161(DFYGEVRTR	291	>PTEN-R161(DFYGEVRTG	35168	34877
>PTEN-R161(RDKKGVTI	179	>PTEN-R161(RDKKGVTI	338	159
>PTEN-R161(ALDFYGEVRT	23003	>PTEN-R161(ALDFYGEVRT	415	22588
>PTEN-R161(ALDFYGEVRT	16711	>PTEN-R161(ALDFYGEVRT	390	16321
>PTEN-R161(ALDFYGEVRT	21598	>PTEN-R161(ALDFYGEVRT	405	21193
>PTEN-R161(ALDFYGEVRT	6380	>PTEN-R161(ALDFYGEVRT	7	6373
>PTEN-R161(ALDFYGEVRT	20014	>PTEN-R161(ALDFYGEVRT	41	19973
>PTEN-R161(ALDFYGEVRT	20508	>PTEN-R161(ALDFYGEVRT	110	20398
>PTEN-R161(ALDFYGEVRT	25314	>PTEN-R161(ALDFYGEVRT	368	24946
>PTEN-R161(ALDFYGEVRT	15045	>PTEN-R161(ALDFYGEVRT	78	14967
>PTEN-R161(ALDFYGEVRT	16712	>PTEN-R161(ALDFYGEVRT	257	16455
>PTEN-R161(RTRDKKGV	2423	>PTEN-R161(RTRDKKGV	271	2152
>PTEN-R161(RTRDKKGV	14	>PTEN-R161(RTRDKKGV	3556	3542
>PTEN-R161(RTRDKKGV	71	>PTEN-R161(RTRDKKGV	9560	9489
>PTEN-R161(RTRDKKGV	5	>PTEN-R161(RTRDKKGV	474	469
>PTEN-R161(RTRDKKGV	103	>PTEN-R161(RTRDKKGV	10322	10219
>PTEN-R161(RTRDKKGV	120	>PTEN-R161(RTRDKKGV	37	83
>PTEN-R161(RTRDKKGV	4233	>PTEN-R161(RTRDKKGV	270	3963

>PTEN-R161I RTRDKKGV	26	>PTEN-R161I RTIDKKGV	49	23
>PTEN-R161I RTRDKKGVTI	5	>PTEN-R161I RTIDKKGVTI	6	1
>PTEN-R161I RTRDKKGVTI	100	>PTEN-R161I RTIDKKGVTI	138	38
>PTEN-R161I EVRTRDKK	81	>PTEN-R161I EVRTIDKK	31	50
>PTEN-R161I GEVRTRDKKC	178	>PTEN-R161I GEVRTIDKKG	178	0
>PTEN-R161I GEVRTRDKKC	381	>PTEN-R161I GEVRTIDKKG	350	31
>PTEN-R161I GEVRTRDKKC	89	>PTEN-R161I GEVRTIDKKG	50	39
>PTEN-R161I FYGEVRTR	21124	>PTEN-R161I FYGEVRTI	26	21098
>PTEN-R161I FYGEVRTR	8453	>PTEN-R161I FYGEVRTI	180	8273
>PTEN-R161I FYGEVRTR	8238	>PTEN-R161I FYGEVRTI	295	7943
>PTEN-R161I FYGEVRTR	705	>PTEN-R161I FYGEVRTI	8	697
>PTEN-R161I FYGEVRTRDK	839	>PTEN-R161I FYGEVRTIDKI	418	421
>PTEN-R161I FYGEVRTR	163	>PTEN-R161I FYGEVRTI	21342	21179
>PTEN-R161I FYGEVRTR	107	>PTEN-R161I FYGEVRTI	33851	33744
>PTEN-R161I DFYGEVRTR	31	>PTEN-R161I DFYGEVRTI	14010	13979
>PTEN-R161I DFYGEVRTRC	764	>PTEN-R161I DFYGEVRTID	418	346
>PTEN-R161I DFYGEVRTR	408	>PTEN-R161I DFYGEVRTI	34310	33902
>PTEN-R161I DFYGEVRTR	291	>PTEN-R161I DFYGEVRTI	34529	34238
>PTEN-R161I RDKKGVTI	2542	>PTEN-R161I KDKKGVTI	440	2102
>PTEN-R161I RDKKGVTI	179	>PTEN-R161I KDKKGVTI	267	88
>PTEN-R161I RTRDKKGV	14	>PTEN-R161I RTKDKKGV	61	47
>PTEN-R161I RTRDKKGV	71	>PTEN-R161I RTKDKKGV	533	462
>PTEN-R161I RTRDKKGVTI	5	>PTEN-R161I RTKDKKGVTI	10	5
>PTEN-R161I RTRDKKGVTI	103	>PTEN-R161I RTKDKKGVTI	726	623
>PTEN-R161I RTRDKKGVTI	120	>PTEN-R161I RTKDKKGVTI	126	6
>PTEN-R161I RTRDKKGV	26	>PTEN-R161I RTKDKKGV	154	128
>PTEN-R161I RTRDKKGVTI	5	>PTEN-R161I RTKDKKGVTI	11	6
>PTEN-R161I RTRDKKGVTI	100	>PTEN-R161I RTKDKKGVTI	231	131
>PTEN-R161I EVRTRDKK	81	>PTEN-R161I EVRTKDKK	159	78
>PTEN-R161I GEVRTRDKKC	178	>PTEN-R161I GEVRTKDKKC	170	8
>PTEN-R161I GEVRTRDKKC	381	>PTEN-R161I GEVRTKDKKC	383	2
>PTEN-R161I GEVRTRDKKC	89	>PTEN-R161I GEVRTKDKKC	164	75
>PTEN-R161I FYGEVRTR	163	>PTEN-R161I FYGEVRTK	2518	2355
>PTEN-R161I FYGEVRTR	107	>PTEN-R161I FYGEVRTK	2819	2712
>PTEN-R161I DFYGEVRTR	31	>PTEN-R161I DFYGEVRTK	654	623
>PTEN-R161I DFYGEVRTR	408	>PTEN-R161I DFYGEVRTK	1253	845
>PTEN-R161I DFYGEVRTR	291	>PTEN-R161I DFYGEVRTK	5629	5338
>PTEN-R172\RRYVYYYSYL	136	>PTEN-R172\WRYVYYYSYL	214	78
>PTEN-R172\RRYVYYYSYL	3115	>PTEN-R172\WRYVYYYSYL	459	2656
>PTEN-R172\RRYVYYYSYL	2252	>PTEN-R172\WRYVYYYSYL	385	1867
>PTEN-R172\RRYVYYYSYL	429	>PTEN-R172\WRYVYYYSYL	378	51
>PTEN-R172\RRYVYYYSY	139	>PTEN-R172\WRYVYYYSY	35	104
>PTEN-R172\RRYVYYYSY	106	>PTEN-R172\WRYVYYYSY	422	316

>PTEN-R172\RRYVYYYSY	3	>PTEN-R172\WRYVYYYSY	7	4
>PTEN-R172\RRYVYYYSYL	8	>PTEN-R172\WRYVYYYSYL	14	6
>PTEN-R172\RRYVYYYSYLL	19	>PTEN-R172\WRYVYYYSYL	52	33
>PTEN-R172\RRYVYYYSY	4587	>PTEN-R172\WRYVYYYSY	238	4349
>PTEN-R172\RRYVYYYS	69	>PTEN-R172\WRYVYYYS	264	195
>PTEN-R172\RRYVYYYSY	11	>PTEN-R172\WRYVYYYSY	18	7
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>PTEN-R172\RRYVYYYSYLL	8	>PTEN-R172\WRYVYYYSYL	18	10
>PTEN-R172\RRYVYYYSYL	325	>PTEN-R172\WRYVYYYSYL	27	298
>PTEN-R172\RRYVYYYSYLL	50	>PTEN-R172\WRYVYYYSYL	9	41
>PTEN-R172\RRYVYYYSYL	263	>PTEN-R172\WRYVYYYSYL	819	556
>PTEN-R172\RRYVYYYSYLL	106	>PTEN-R172\WRYVYYYSYL	261	155
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>PTEN-R172\RRYVYYYS	221	>PTEN-R172\WRYVYYYS	3440	3219
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>PTEN-R172\RRYVYYYSYL	14	>PTEN-R172\WRYVYYYSYL	34	20
>PTEN-R172\RRYVYYYSYLL	11	>PTEN-R172\WRYVYYYSYL	70	59
>PTEN-R172\RRYVYYYS	450	>PTEN-R172\WRYVYYYS	6226	5776
>PTEN-R172\RRYVYYYSY	33	>PTEN-R172\WRYVYYYSY	87	54
>PTEN-R172\RRYVYYYSYL	12	>PTEN-R172\WRYVYYYSYL	19	7
>PTEN-R172\RRYVYYYSYLL	3	>PTEN-R172\WRYVYYYSYL	5	2
>PTEN-R172\RRYVYYYSY	231	>PTEN-R172\WRYVYYYSY	868	637
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>PTEN-R172\QRRYVYYYSY	2267	>PTEN-R172\QWRYVYYYS'	204	2063
>PTEN-R172\QRRYVYYYSY	21292	>PTEN-R172\QWRYVYYYS'	138	21154
>PTEN-R172\QRRYVYYYSY	19463	>PTEN-R172\QWRYVYYYS'	165	19298
>PTEN-R172\QRRYVYYY	292	>PTEN-R172\QWRYVYYY	17	275
>PTEN-R172\QRRYVYYYSY	971	>PTEN-R172\QWRYVYYYS'	69	902
>PTEN-R172\QRRYVYYYSY	1981	>PTEN-R172\QWRYVYYYS'	199	1782
>PTEN-R172\QRRYVYYY	388	>PTEN-R172\QWRYVYYY	85	303
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>PTEN-R172\QRRYVYYY	33	>PTEN-R172\QWRYVYYY	1241	1208
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>PTEN-R172\QRRYVYYYSY	44	>PTEN-R172\QWRYVYYYS'	2420	2376
>PTEN-R172\QRRYVYYYSY	33	>PTEN-R172\QWRYVYYYS'	3905	3872
>PTEN-R172\QRRYVYYYSY	41	>PTEN-R172\QWRYVYYYS'	5078	5037
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>PTEN-R172\DKKGV TIPSQ	497	>PTEN-R172\DKKGV TIPSQ	33063	32566
>PTEN-R172\SQRRYVYYY	12829	>PTEN-R172\SQWRYVYYY	378	12451
>PTEN-R172\SQRRYVYYYS	10033	>PTEN-R172\SQWRYVYYY!	232	9801

>PTEN-R172\SQRRYVYY	2860	>PTEN-R172\SQWRYVYY	183	2677
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>PTEN-R172\SQRRYVYYY	2362	>PTEN-R172\SQWRYVYYY!	161	2201
>PTEN-R172\SQRRYVYYY	308	>PTEN-R172\SQWRYVYYY	491	183
>PTEN-R172\SQRRYVYY	960	>PTEN-R172\SQWRYVYY	48	912
>PTEN-R172\SQRRYVYYY	137	>PTEN-R172\SQWRYVYYY	14	123
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>PTEN-R172\SQRRYVYY	72	>PTEN-R172\SQWRYVYY	7921	7849
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>PTEN-R172\SQRRYVYYY	152	>PTEN-R172\SQWRYVYYY!	11691	11539
>PTEN-R172\SQRRYVYYY	104	>PTEN-R172\SQWRYVYYY!	8939	8835
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>PTEN-R172\SQRRYVYYY	83	>PTEN-R172\SQWRYVYYY	24	59
>PTEN-R172\SQRRYVYYY	106	>PTEN-R172\SQWRYVYYY!	29	77
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>PTEN-R172\SQRRYVYY	1467	>PTEN-R172\SQWRYVYY	409	1058
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>PTEN-R172\SQRRYVYYY	924	>PTEN-R172\SQWRYVYYY!	233	691
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>PTEN-R172\SQRRYVYYY	36	>PTEN-R172\SQWRYVYYY	53	17
>PTEN-R172\SQRRYVYYY	34	>PTEN-R172\SQWRYVYYY!	47	13
>PTEN-R172\SQRRYVYY	383	>PTEN-R172\SQWRYVYY	449	66
>PTEN-R172\SQRRYVYYY	322	>PTEN-R172\SQWRYVYYY!	434	112
>PTEN-R172\SQRRYVYY	4	>PTEN-R172\SQWRYVYY	3	1
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>PTEN-R172\SQRRYVYYY	1083	>PTEN-R172\SQWRYVYYY	332	751
>PTEN-R172\SQRRYVYYY	492	>PTEN-R172\SQWRYVYYY!	146	346
>PTEN-R172\SQRRYVYYY	4194	>PTEN-R172\SQWRYVYYY	335	3859
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>PTEN-R172\SQRRYVYYY	9232	>PTEN-R172\SQWRYVYYY!	416	8816
>PTEN-R172\SQRRYVYYY	453	>PTEN-R172\SQWRYVYYY	819	366
>PTEN-R172\PSQRRYVYYY	186	>PTEN-R172\PSQWRYVYY'	189	3
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>PTEN-R172\PSQRRYVYY	465	>PTEN-R172\PSQWRYVYY	104	361
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>PTEN-R172\PSQRRYVYYY	353	>PTEN-R172\PSQWRYVYY'	252	101
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>PTEN-R172\IPSQRRYVYY\	288	>PTEN-R172\IPSQWRYVYY	71	217
>PTEN-R172\IPSQRRYVY	183	>PTEN-R172\IPSQWRYVY	29	154
>PTEN-R172\IPSQRRYVYY\	123	>PTEN-R172\IPSQWRYVYY	39	84
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>PTEN-R172\IPSQRRYVY	165	>PTEN-R172\IPSQWRYVY	1363	1198
>PTEN-R172\IPSQRRYVY	1556	>PTEN-R172\IPSQWRYVY	494	1062
>PTEN-R172\IPSQRRYVY	16	>PTEN-R172\IPSQWRYVY	8	8
>PTEN-R172\IPSQRRYVYY	1086	>PTEN-R172\IPSQWRYVYY	393	693
>PTEN-R172\IPSQRRYVYY\	27	>PTEN-R172\IPSQWRYVYY	13	14
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>PTEN-R172\IPSQRRYVY	7	>PTEN-R172\IPSQWRYVY	7	0
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>PTEN-R172\IPSQRRYVYY\	12	>PTEN-R172\IPSQWRYVYY	11	1
>PTEN-R172\IPSQRRYVY	1416	>PTEN-R172\IPSQWRYVY	254	1162
>PTEN-R172\IPSQRRYVYY	262	>PTEN-R172\IPSQWRYVYY	103	159
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>PTEN-R172\VTIPSQRRY	4918	>PTEN-R172\VTIPSQWRY	156	4762
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>PTEN-R172\VTIPSQRRY	26	>PTEN-R172\VTIPSQWRY	21	5
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>PTEN-R172\VTIPSQRR	65	>PTEN-R172\VTIPSQWR	27	38
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>PTEN-R172\VTIPSQRRYV	1840	>PTEN-R172\VTIPSQWRV\	336	1504
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>PTEN-R172\VTIPSQRRYV'	579	>PTEN-R172\VTIPSQWRV\	94	485
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>PTEN-R172\VTIPSQRRYV'	205	>PTEN-R172\VTIPSQWRV\	181	24
>PTEN-R172\VTIPSQRRY	3	>PTEN-R172\VTIPSQWRV	2	1
>PTEN-R172\VTIPSQRRYV	124	>PTEN-R172\VTIPSQWRV\	82	42
>PTEN-R172\VTIPSQRRYV'	4	>PTEN-R172\VTIPSQWRV\	3	1
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>PTEN-R172\VTIPSQRRYV'	76	>PTEN-R172\VTIPSQWRV\	21	55
>PTEN-R172\VTIPSQRRYV	616	>PTEN-R172\VTIPSQWRV\	442	174
>PTEN-R172\VTIPSQRRY	37	>PTEN-R172\VTIPSQWRV	156	119
>PTEN-R172\VTIPSQRRYV'	37	>PTEN-R172\VTIPSQWRV\	43	6
>PTEN-R172\VTIPSQRRYV'	256	>PTEN-R172\VTIPSQWRV\	286	30
>PTEN-R172\VTIPSQRRY	2526	>PTEN-R172\VTIPSQWRV	122	2404
>PTEN-R172\VTIPSQRRYV'	817	>PTEN-R172\VTIPSQWRV\	260	557
>PTEN-R172\VTIPSQRR	925	>PTEN-R172\VTIPSQWR	469	456
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>PTEN-R172\GVTIPSQRRY'	1023	>PTEN-R172\GVTIPSQWR\	196	827
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>PTEN-R172\GVTIPSQRRY	172	>PTEN-R172\GVTIPSQWR\	182	10
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>PTEN-R172\KGVIPSQR	208	>PTEN-R172\KGVIPSQW	19832	19624
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>PTEN-R172\KGV TIPSQR	147	>PTEN-R172\KGV TIPSQW	27489	27342
>PTEN-R172\KGV TIPSQRR	120	>PTEN-R172\KGV TIPSQWF	59	61
>PTEN-R172\KKG V TIPSQR	982	>PTEN-R172\KKG V TIPSQW	408	574
>PTEN-R172\KKG V TIPSQR	22335	>PTEN-R172\KKG V TIPSQW	499	21836
>PTEN-R172\KKG V TIPSQR	511	>PTEN-R172\KKG V TIPSQW	272	239
>PTEN-R173(CRY V V V V SYL	51	>PTEN-R173(CY V V V V SYL	29	22
>PTEN-R173(CRY V V V V SYL	794	>PTEN-R173(CY V V V V SYL	465	329
>PTEN-R173(CRY V V V V SYL	340	>PTEN-R173(CY V V V V SYL	625	285
>PTEN-R173(CRY V V V V SYLLK	94	>PTEN-R173(CY V V V V SYLLK	367	273
>PTEN-R173(CRY V V V V SY	213	>PTEN-R173(CY V V V V SY	278	65
>PTEN-R173(CRY V V V V SYL	42	>PTEN-R173(CY V V V V SYL	46	4
>PTEN-R173(CRY V V V V SYLL	6	>PTEN-R173(CY V V V V SYLL	10	4
>PTEN-R173(CRY V V V V SYLLK	105	>PTEN-R173(CY V V V V SYLLK	115	10
>PTEN-R173(CRY V V V V SY	244	>PTEN-R173(CY V V V V SY	679	435
>PTEN-R173(CRY V V V V SYL	56	>PTEN-R173(CY V V V V SYL	135	79
>PTEN-R173(CRY V V V V SYLL	26	>PTEN-R173(CY V V V V SYLL	37	11
>PTEN-R173(CRY V V V V SYLLK	271	>PTEN-R173(CY V V V V SYLLK	861	590
>PTEN-R173(CRY V V V V SY	86	>PTEN-R173(CY V V V V SY	136	50
>PTEN-R173(CRY V V V V SYL	6	>PTEN-R173(CY V V V V SYL	7	1
>PTEN-R173(CRY V V V V SYLL	10	>PTEN-R173(CY V V V V SYLL	14	4
>PTEN-R173(CRY V V V V SYLLK	446	>PTEN-R173(CY V V V V SYLLK	743	297
>PTEN-R173(CRY V V V V SY	664	>PTEN-R173(CY V V V V SY	342	322
>PTEN-R173(CRY V V V V SY	18	>PTEN-R173(CY V V V V SY	16	2
>PTEN-R173(CRY V V V V SYLL	222	>PTEN-R173(CY V V V V SYLL	259	37
>PTEN-R173(CRY V V V V SYL	121	>PTEN-R173(CY V V V V SYL	6340	6219
>PTEN-R173(CRY V V V V SYLL	348	>PTEN-R173(CY V V V V SYLL	8785	8437
>PTEN-R173(CRY V V V V SYLLK	6	>PTEN-R173(CY V V V V SYLLK	152	146
>PTEN-R173(CRY V V V V SY	39	>PTEN-R173(CY V V V V SY	67	28
>PTEN-R173(CRY V V V V SYLL	410	>PTEN-R173(CY V V V V SYLL	2554	2144
>PTEN-R173(CRY V V V V SY	484	>PTEN-R173(CY V V V V SY	6792	6308
>PTEN-R173(CRY V V V V SYL	105	>PTEN-R173(CY V V V V SYL	2586	2481
>PTEN-R173(CRY V V V V SYLLK	33	>PTEN-R173(CY V V V V SYLLK	540	507
>PTEN-R173(CRY V V V V SYLLK	1453	>PTEN-R173(CY V V V V SYLLK	327	1126
>PTEN-R173(CRY V V V V SY	88	>PTEN-R173(CY V V V V SY	920	832
>PTEN-R173(CRY V V V V SY	77	>PTEN-R173(CY V V V V SY	529	452

>PTEN-R173(RYVYYYYSYL	223	>PTEN-R173(CYVYYYYSYL	1972	1749
>PTEN-R173(RYVYYYYSYLL	420	>PTEN-R173(CYVYYYYSYLL	13220	12800
>PTEN-R173(RYVYYYYSYL	403	>PTEN-R173(CYVYYYYSYL	6402	5999
>PTEN-R173(RYVYYYYSY	127	>PTEN-R173(CYVYYYYSY	47	80
>PTEN-R173(RYVYYYYSYLLK	42	>PTEN-R173(CYVYYYYSYLLK	109	67
>PTEN-R173(RYVYYYYSYL	311	>PTEN-R173(CYVYYYYSYL	419	108
>PTEN-R173(RYVYYYYSYLL	195	>PTEN-R173(CYVYYYYSYLL	216	21
>PTEN-R173(RYVYYYYSY	356	>PTEN-R173(CYVYYYYSY	1162	806
>PTEN-R173(RYVYYYYSYL	37	>PTEN-R173(CYVYYYYSYL	125	88
>PTEN-R173(RYVYYYYSYLL	32	>PTEN-R173(CYVYYYYSYLL	128	96
>PTEN-R173(RYVYYYYSYLLK	325	>PTEN-R173(CYVYYYYSYLLK	1080	755
>PTEN-R173(RRYVYYYYSYLL	136	>PTEN-R173(RCYVYYYYSYLL	173	37
>PTEN-R173(RRYVYYYYSYL	429	>PTEN-R173(RCYVYYYYSYL	123	306
>PTEN-R173(RRYVYYYYSYLL	2314	>PTEN-R173(RCYVYYYYSYLL	190	2124
>PTEN-R173(RRYVYYYYSYL	3713	>PTEN-R173(RCYVYYYYSYL	341	3372
>PTEN-R173(RRYVYYYYSY	139	>PTEN-R173(RCYVYYYYSY	68	71
>PTEN-R173(RRYVYYYYSYL	3632	>PTEN-R173(RCYVYYYYSYL	446	3186
>PTEN-R173(RRYVYYYYSY	106	>PTEN-R173(RCYVYYYYSY	108	2
>PTEN-R173(RRYVYYYYSYL	3116	>PTEN-R173(RCYVYYYYSYL	282	2834
>PTEN-R173(RRYVYYYYSYLL	2061	>PTEN-R173(RCYVYYYYSYLL	198	1863
>PTEN-R173(RRYVYYYYSY	797	>PTEN-R173(RCYVYYYYSY	122	675
>PTEN-R173(RRYVYYYYSY	3	>PTEN-R173(RCYVYYYYSY	17	14
>PTEN-R173(RRYVYYYYSYL	8	>PTEN-R173(RCYVYYYYSYL	103	95
>PTEN-R173(RRYVYYYYSYLL	19	>PTEN-R173(RCYVYYYYSYLL	509	490
>PTEN-R173(RRYVYYYYSY	5878	>PTEN-R173(RCYVYYYYSY	164	5714
>PTEN-R173(RRYVYYYYS	69	>PTEN-R173(RCYVYYYYS	21652	21583
>PTEN-R173(RRYVYYYYSY	11	>PTEN-R173(RCYVYYYYSY	13251	13240
>PTEN-R173(RRYVYYYYSYL	7	>PTEN-R173(RCYVYYYYSYL	2755	2748
>PTEN-R173(RRYVYYYYSYLL	8	>PTEN-R173(RCYVYYYYSYLL	11062	11054
>PTEN-R173(RRYVYYYYSYL	325	>PTEN-R173(RCYVYYYYSYL	9541	9216
>PTEN-R173(RRYVYYYYSYLL	50	>PTEN-R173(RCYVYYYYSYLL	4187	4137
>PTEN-R173(RRYVYYYYSYL	263	>PTEN-R173(RCYVYYYYSYL	1657	1394
>PTEN-R173(RRYVYYYYSYLL	106	>PTEN-R173(RCYVYYYYSYLL	517	411
>PTEN-R173(RRYVYYYYSY	1676	>PTEN-R173(RCYVYYYYSY	187	1489
>PTEN-R173(RRYVYYYYSYLL	4609	>PTEN-R173(RCYVYYYYSYLL	404	4205
>PTEN-R173(RRYVYYYYSY	676	>PTEN-R173(RCYVYYYYSY	143	533
>PTEN-R173(RRYVYYYYS	221	>PTEN-R173(RCYVYYYYS	21329	21108
>PTEN-R173(RRYVYYYYSY	47	>PTEN-R173(RCYVYYYYSY	7784	7737
>PTEN-R173(RRYVYYYYSYL	14	>PTEN-R173(RCYVYYYYSYL	2282	2268
>PTEN-R173(RRYVYYYYSYLL	11	>PTEN-R173(RCYVYYYYSYLL	877	866
>PTEN-R173(RRYVYYYYS	450	>PTEN-R173(RCYVYYYYS	17183	16733
>PTEN-R173(RRYVYYYYSY	33	>PTEN-R173(RCYVYYYYSY	13722	13689
>PTEN-R173(RRYVYYYYSYL	12	>PTEN-R173(RCYVYYYYSYL	2151	2139



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>PTEN-R173(RRYVYYYSY	747	>PTEN-R173(RCYVYYYSY	355	392
>PTEN-R173(QRRYVYYY	292	>PTEN-R173(QRCYVYYY	130	162
>PTEN-R173(QRRYVYYY	388	>PTEN-R173(QRCYVYYY	234	154
>PTEN-R173(QRRYVYYYSY	405	>PTEN-R173(QRCYVYYYSY	943	538
>PTEN-R173(QRRYVYYY	33	>PTEN-R173(QRCYVYYY	147	114
>PTEN-R173(QRRYVYYYSY	15	>PTEN-R173(QRCYVYYYSY	54	39
>PTEN-R173(QRRYVYYYSY	44	>PTEN-R173(QRCYVYYYSY	220	176
>PTEN-R173(QRRYVYYYSY	33	>PTEN-R173(QRCYVYYYSY	71	38
>PTEN-R173(QRRYVYYYSY	41	>PTEN-R173(QRCYVYYYSY	191	150
>PTEN-R173(QRRYVYYYSY	19	>PTEN-R173(QRCYVYYYSY	24	5
>PTEN-R173(SQRRYVYYY	308	>PTEN-R173(SQRCYVYYY	628	320
>PTEN-R173(SQRRYVYY	960	>PTEN-R173(SQRCYVYY	357	603
>PTEN-R173(SQRRYVYYY	137	>PTEN-R173(SQRCYVYYY	50	87
>PTEN-R173(SQRRYVYYYS	355	>PTEN-R173(SQRCYVYYYS	145	210
>PTEN-R173(SQRRYVYY	72	>PTEN-R173(SQRCYVYY	236	164
>PTEN-R173(SQRRYVYYY	75	>PTEN-R173(SQRCYVYYY	222	147
>PTEN-R173(SQRRYVYYYS	152	>PTEN-R173(SQRCYVYYYS	419	267
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>PTEN-R173(SQRRYVYYY	83	>PTEN-R173(SQRCYVYYY	176	93
>PTEN-R173(SQRRYVYYYS	106	>PTEN-R173(SQRCYVYYYS	195	89
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>PTEN-R173(SQRRYVYYY	212	>PTEN-R173(SQRCYVYYY	412	200
>PTEN-R173(SQRRYVYY	41	>PTEN-R173(SQRCYVYY	36	5
>PTEN-R173(SQRRYVYYY	36	>PTEN-R173(SQRCYVYYY	31	5
>PTEN-R173(SQRRYVYYYS	34	>PTEN-R173(SQRCYVYYYS	30	4
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>PTEN-R173(SQRRYVYY	4	>PTEN-R173(SQRCYVYY	4	0
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>PTEN-R173(SQRRYVYYY	453	>PTEN-R173(SQRCYVYYY	207	246
>PTEN-R173(PSQRRYVYYY	186	>PTEN-R173(PSQRCYVYYY	260	74
>PTEN-R173(PSQRRYVYYY	359	>PTEN-R173(PSQRCYVYYY	85	274
>PTEN-R173(PSQRRYVY	465	>PTEN-R173(PSQRCYVY	176	289
>PTEN-R173(PSQRRYVYY	1811	>PTEN-R173(PSQRCYVYY	276	1535
>PTEN-R173(PSQRRYVYYY	40	>PTEN-R173(PSQRCYVYYY	48	8
>PTEN-R173(PSQRRYVYYY	353	>PTEN-R173(PSQRCYVYYY	948	595
>PTEN-R173(IPSQRRYV	597	>PTEN-R173(IPSQRCYV	357	240
>PTEN-R173(IPSQRRYVYYY	288	>PTEN-R173(IPSQRCYVYYY	156	132
>PTEN-R173(IPSQRRYVY	183	>PTEN-R173(IPSQRCYVY	233	50

>PTEN-R173(IPSQRRYVYY)	123	>PTEN-R173(IPSQRCYVYY)	160	37
>PTEN-R173(IPSQRRYV	22	>PTEN-R173(IPSQRCYV	155	133
>PTEN-R173(IPSQRRYVY	165	>PTEN-R173(IPSQRCYVY	3631	3466
>PTEN-R173(IPSQRRYVY	16	>PTEN-R173(IPSQRCYVY	13	3
>PTEN-R173(IPSQRRYVYY)	27	>PTEN-R173(IPSQRCYVYY)	20	7
>PTEN-R173(IPSQRRYVY	74	>PTEN-R173(IPSQRCYVY	151	77
>PTEN-R173(IPSQRRYVYY)	31	>PTEN-R173(IPSQRCYVYY)	43	12
>PTEN-R173(IPSQRRYVY	7	>PTEN-R173(IPSQRCYVY	7	0
>PTEN-R173(IPSQRRYVYY	33	>PTEN-R173(IPSQRCYVYY	43	10
>PTEN-R173(IPSQRRYVYY)	12	>PTEN-R173(IPSQRCYVYY)	16	4
>PTEN-R173(IPSQRRYVYY	262	>PTEN-R173(IPSQRCYVYY	165	97
>PTEN-R173(IPSQRRYVYY)	518	>PTEN-R173(IPSQRCYVYY)	435	83
>PTEN-R173(TIPSQRRYV	1464	>PTEN-R173(TIPSQRCYV	222	1242
>PTEN-R173(TIPSQRRYV	7150	>PTEN-R173(TIPSQRCYV	247	6903
>PTEN-R173(TIPSQRRYV	225	>PTEN-R173(TIPSQRCYV	15	210
>PTEN-R173(TIPSQRRY	437	>PTEN-R173(TIPSQRCY	589	152
>PTEN-R173(TIPSQRRYVY)	290	>PTEN-R173(TIPSQRCYVY)	347	57
>PTEN-R173(TIPSQRRYVY)	238	>PTEN-R173(TIPSQRCYVY)	228	10
>PTEN-R173(TIPSQRRYVY	1051	>PTEN-R173(TIPSQRCYVY	497	554
>PTEN-R173(TIPSQRRYVY)	597	>PTEN-R173(TIPSQRCYVY)	412	185
>PTEN-R173(TIPSQRRYV	67	>PTEN-R173(TIPSQRCYV	24	43
>PTEN-R173(VTIPSQRRYV	563	>PTEN-R173(VTIPSQRCYV	287	276
>PTEN-R173(VTIPSQRRYV	916	>PTEN-R173(VTIPSQRCYV	293	623
>PTEN-R173(VTIPSQRRYV	249	>PTEN-R173(VTIPSQRCYV	84	165
>PTEN-R173(VTIPSQRRYV	3708	>PTEN-R173(VTIPSQRCYV	401	3307
>PTEN-R173(VTIPSQRRYV	286	>PTEN-R173(VTIPSQRCYV	50	236
>PTEN-R173(VTIPSQRRYV'	284	>PTEN-R173(VTIPSQRCYV'	356	72
>PTEN-R173(VTIPSQRRY	26	>PTEN-R173(VTIPSQRCY	21	5
>PTEN-R173(VTIPSQRRYV'	38	>PTEN-R173(VTIPSQRCYV'	42	4
>PTEN-R173(VTIPSQRRY	1205	>PTEN-R173(VTIPSQRCY	441	764
>PTEN-R173(VTIPSQRRY	59	>PTEN-R173(VTIPSQRCY	98	39
>PTEN-R173(VTIPSQRRYV'	26	>PTEN-R173(VTIPSQRCYV'	24	2
>PTEN-R173(VTIPSQRRY	41	>PTEN-R173(VTIPSQRCY	88	47
>PTEN-R173(VTIPSQRRYV'	16	>PTEN-R173(VTIPSQRCYV'	20	4
>PTEN-R173(VTIPSQRR	135	>PTEN-R173(VTIPSQRC	21663	21528
>PTEN-R173(VTIPSQRR	65	>PTEN-R173(VTIPSQRC	32717	32652
>PTEN-R173(VTIPSQRRYV	225	>PTEN-R173(VTIPSQRCYV	54	171
>PTEN-R173(VTIPSQRRYV'	579	>PTEN-R173(VTIPSQRCYV'	483	96
>PTEN-R173(VTIPSQRRY	399	>PTEN-R173(VTIPSQRCY	350	49
>PTEN-R173(VTIPSQRRYV'	109	>PTEN-R173(VTIPSQRCYV'	91	18
>PTEN-R173(VTIPSQRRY	706	>PTEN-R173(VTIPSQRCY	160	546
>PTEN-R173(VTIPSQRRYV'	205	>PTEN-R173(VTIPSQRCYV'	174	31
>PTEN-R173(VTIPSQRR	677	>PTEN-R173(VTIPSQRC	293	384

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>PTEN-R173(VTIPSQRRYV	124	>PTEN-R173(VTIPSQRCYV	108	16
>PTEN-R173(VTIPSQRRYV'	4	>PTEN-R173(VTIPSQRCYV'	4	0
>PTEN-R173(VTIPSQRRY	81	>PTEN-R173(VTIPSQRCY	308	227
>PTEN-R173(VTIPSQRRYV'	111	>PTEN-R173(VTIPSQRCYV'	246	135
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>PTEN-R173(VTIPSQRRY	37	>PTEN-R173(VTIPSQRCY	218	181
>PTEN-R173(VTIPSQRRYV'	37	>PTEN-R173(VTIPSQRCYV'	33	4
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>PTEN-R173(GVTIPSQRRY'	1023	>PTEN-R173(GVTIPSQRCY'	90	933
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>PTEN-R173(GVTIPSQRRY	172	>PTEN-R173(GVTIPSQRCY	1934	1762
>PTEN-R173(KGVTIPSQRR	155	>PTEN-R173(KGVTIPSQRC	312	157
>PTEN-R173(KGVTIPSQRR	202	>PTEN-R173(KGVTIPSQRC	1623	1421
>PTEN-R173(KGVTIPSQRR	227	>PTEN-R173(KGVTIPSQRC	820	593
>PTEN-R173(KGVTIPSQRR	120	>PTEN-R173(KGVTIPSQRC	31041	30921
>PTEN-R173(RYVYYYYSYL	51	>PTEN-R173(HYVYYYYSYL	67	16
>PTEN-R173(RYVYYYYSYL	340	>PTEN-R173(HYVYYYYSYL	206	134
>PTEN-R173(RYVYYYYSYLLK	94	>PTEN-R173(HYVYYYYSYLLK	532	438
>PTEN-R173(RYVYYYYSY	213	>PTEN-R173(HYVYYYYSY	419	206
>PTEN-R173(RYVYYYYSYL	42	>PTEN-R173(HYVYYYYSYL	70	28
>PTEN-R173(RYVYYYYSYLL	6	>PTEN-R173(HYVYYYYSYLL	12	6
>PTEN-R173(RYVYYYYSYLLK	105	>PTEN-R173(HYVYYYYSYLLK	170	65
>PTEN-R173(RYVYYYYSY	244	>PTEN-R173(HYVYYYYSY	851	607
>PTEN-R173(RYVYYYYSYL	56	>PTEN-R173(HYVYYYYSYL	184	128
>PTEN-R173(RYVYYYYSYLL	26	>PTEN-R173(HYVYYYYSYLL	54	28
>PTEN-R173(RYVYYYYSYLLK	271	>PTEN-R173(HYVYYYYSYLLK	1072	801
>PTEN-R173(RYVYYYYSY	86	>PTEN-R173(HYVYYYYSY	271	185
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>PTEN-R173(RYVYYYYSYLL	10	>PTEN-R173(HYVYYYYSYLL	20	10
>PTEN-R173(RYVYYYYSYLLK	446	>PTEN-R173(HYVYYYYSYLLK	1090	644
>PTEN-R173(RYVYYYYSY	1620	>PTEN-R173(HYVYYYYSY	65	1555
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>PTEN-R173(RYVYYYYSYL	121	>PTEN-R173(HYVYYYYSYL	526	405
>PTEN-R173(RYVYYYYSYLL	348	>PTEN-R173(HYVYYYYSYLL	1332	984
>PTEN-R173(RYVYYYYSYLLK	6	>PTEN-R173(HYVYYYYSYLLK	10	4
>PTEN-R173(RYVYYYYSY	39	>PTEN-R173(HYVYYYYSY	73	34
>PTEN-R173(RYVYYYYSYLL	410	>PTEN-R173(HYVYYYYSYLL	1926	1516
>PTEN-R173(RYVYYYYSY	484	>PTEN-R173(HYVYYYYSY	2137	1653

>PTEN-R173I RYVYYYYSYL	105	>PTEN-R173I HYVYYYYSYL	485	380
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>PTEN-R173I RYVYYYYSYLLK	3462	>PTEN-R173I HYVYYYYSYLLK	156	3306
>PTEN-R173I RYVYYYYSYLLK	1453	>PTEN-R173I HYVYYYYSYLLK	105	1348
>PTEN-R173I RYVYYYYSY	88	>PTEN-R173I HYVYYYYSY	276	188
>PTEN-R173I RYVYYYYSY	77	>PTEN-R173I HYVYYYYSY	263	186
>PTEN-R173I RYVYYYYSYL	223	>PTEN-R173I HYVYYYYSYL	1044	821
>PTEN-R173I RYVYYYYSY	4822	>PTEN-R173I HYVYYYYSY	454	4368
>PTEN-R173I RYVYYYYSYLL	2871	>PTEN-R173I HYVYYYYSYLL	286	2585
>PTEN-R173I RYVYYYYSYLL	420	>PTEN-R173I HYVYYYYSYLL	4987	4567
>PTEN-R173I RYVYYYYSYL	403	>PTEN-R173I HYVYYYYSYL	2073	1670
>PTEN-R173I RYVYYYYSY	510	>PTEN-R173I HYVYYYYSY	154	356
>PTEN-R173I RYVYYYYSY	127	>PTEN-R173I HYVYYYYSY	65	62
>PTEN-R173I RYVYYYYSYLLK	42	>PTEN-R173I HYVYYYYSYLLK	42	0
>PTEN-R173I RYVYYYYSYL	311	>PTEN-R173I HYVYYYYSYL	307	4
>PTEN-R173I RYVYYYYSYLL	195	>PTEN-R173I HYVYYYYSYLL	294	99
>PTEN-R173I RYVYYYYSY	356	>PTEN-R173I HYVYYYYSY	952	596
>PTEN-R173I RYVYYYYSYL	37	>PTEN-R173I HYVYYYYSYL	77	40
>PTEN-R173I RYVYYYYSYLL	32	>PTEN-R173I HYVYYYYSYLL	100	68
>PTEN-R173I RYVYYYYSYLLK	325	>PTEN-R173I HYVYYYYSYLLK	871	546
>PTEN-R173I RRYVYYYYSYLI	136	>PTEN-R173I RHYVYYYYSYLI	54	82
>PTEN-R173I RRYVYYYYSYL	429	>PTEN-R173I RHYVYYYYSYL	577	148
>PTEN-R173I RRYVYYYYSYLI	1708	>PTEN-R173I RHYVYYYYSYLI	344	1364
>PTEN-R173I RRYVYYYYSYLI	3174	>PTEN-R173I RHYVYYYYSYLI	476	2698
>PTEN-R173I RRYVYYYYSY	139	>PTEN-R173I RHYVYYYYSY	43	96
>PTEN-R173I RRYVYYYYSY	106	>PTEN-R173I RHYVYYYYSY	85	21
>PTEN-R173I RRYVYYYYSY	3	>PTEN-R173I RHYVYYYYSY	3	0
>PTEN-R173I RRYVYYYYSYL	8	>PTEN-R173I RHYVYYYYSYL	11	3
>PTEN-R173I RRYVYYYYSYLI	19	>PTEN-R173I RHYVYYYYSYLI	37	18
>PTEN-R173I RRYVYYYYSYL	3795	>PTEN-R173I RHYVYYYYSYL	240	3555
>PTEN-R173I RRYVYYYYSYLI	6334	>PTEN-R173I RHYVYYYYSYLI	453	5881
>PTEN-R173I RRYVYYYYS	69	>PTEN-R173I RHYVYYYYS	9241	9172
>PTEN-R173I RRYVYYYYSY	11	>PTEN-R173I RHYVYYYYSY	1676	1665
>PTEN-R173I RRYVYYYYSYL	7	>PTEN-R173I RHYVYYYYSYL	46	39
>PTEN-R173I RRYVYYYYSYLI	8	>PTEN-R173I RHYVYYYYSYLI	1030	1022
>PTEN-R173I RRYVYYYYSYL	325	>PTEN-R173I RHYVYYYYSYL	128	197
>PTEN-R173I RRYVYYYYSYLI	50	>PTEN-R173I RHYVYYYYSYLI	22	28
>PTEN-R173I RRYVYYYYSYL	263	>PTEN-R173I RHYVYYYYSYL	385	122
>PTEN-R173I RRYVYYYYSYLI	106	>PTEN-R173I RHYVYYYYSYLI	124	18
>PTEN-R173I RRYVYYYYSY	676	>PTEN-R173I RHYVYYYYSY	371	305
>PTEN-R173I RRYVYYYYS	221	>PTEN-R173I RHYVYYYYS	12097	11876
>PTEN-R173I RRYVYYYYSY	47	>PTEN-R173I RHYVYYYYSY	1239	1192
>PTEN-R173I RRYVYYYYSYL	14	>PTEN-R173I RHYVYYYYSYL	441	427

>PTEN-R173I RRYVYYYSYL	11	>PTEN-R173I RHYVYYYSYL	79	68
>PTEN-R173I RRYVYYYS	450	>PTEN-R173I RHYVYYYS	11680	11230
>PTEN-R173I RRYVYYYSY	33	>PTEN-R173I RHYVYYYSY	3176	3143
>PTEN-R173I RRYVYYYSYL	12	>PTEN-R173I RHYVYYYSYL	388	376
>PTEN-R173I RRYVYYYSYL	3	>PTEN-R173I RHYVYYYSYL	66	63
>PTEN-R173I RRYVYYYSY	231	>PTEN-R173I RHYVYYYSY	70	161
>PTEN-R173I RRYVYYYSYL	541	>PTEN-R173I RHYVYYYSYL	442	99
>PTEN-R173I RRYVYYYSYL	785	>PTEN-R173I RHYVYYYSYL	218	567
>PTEN-R173I RRYVYYYSY	747	>PTEN-R173I RHYVYYYSY	476	271
>PTEN-R173I QRRYVYYY	292	>PTEN-R173I QRHYVYYY	136	156
>PTEN-R173I QRRYVYYY	388	>PTEN-R173I QRHYVYYY	228	160
>PTEN-R173I QRRYVYYYSY	405	>PTEN-R173I QRHYVYYYSY	376	29
>PTEN-R173I QRRYVYYY	33	>PTEN-R173I QRHYVYYY	51	18
>PTEN-R173I QRRYVYYYSY	15	>PTEN-R173I QRHYVYYYSY	19	4
>PTEN-R173I QRRYVYYYSY	44	>PTEN-R173I QRHYVYYYSY	68	24
>PTEN-R173I QRRYVYYY	774	>PTEN-R173I QRHYVYYY	320	454
>PTEN-R173I QRRYVYYYSY	33	>PTEN-R173I QRHYVYYYSY	43	10
>PTEN-R173I QRRYVYYYSY	595	>PTEN-R173I QRHYVYYYSY	255	340
>PTEN-R173I QRRYVYYYSY	41	>PTEN-R173I QRHYVYYYSY	114	73
>PTEN-R173I QRRYVYYYSY	19	>PTEN-R173I QRHYVYYYSY	33	14
>PTEN-R173I SQRRYVYYY	308	>PTEN-R173I SQRHYVYYY	519	211
>PTEN-R173I SQRRYVYY	960	>PTEN-R173I SQRHYVYY	261	699
>PTEN-R173I SQRRYVYYY	137	>PTEN-R173I SQRHYVYYY	43	94
>PTEN-R173I SQRRYVYYYS	355	>PTEN-R173I SQRHYVYYYS	114	241
>PTEN-R173I SQRRYVYY	72	>PTEN-R173I SQRHYVYY	118	46
>PTEN-R173I SQRRYVYYY	75	>PTEN-R173I SQRHYVYYY	130	55
>PTEN-R173I SQRRYVYYYS	152	>PTEN-R173I SQRHYVYYYS	278	126
>PTEN-R173I SQRRYVYYYS	104	>PTEN-R173I SQRHYVYYYS	166	62
>PTEN-R173I SQRRYVYY	535	>PTEN-R173I SQRHYVYY	183	352
>PTEN-R173I SQRRYVYYY	83	>PTEN-R173I SQRHYVYYY	25	58
>PTEN-R173I SQRRYVYYYS	106	>PTEN-R173I SQRHYVYYYS	36	70
>PTEN-R173I SQRRYVYYY	219	>PTEN-R173I SQRHYVYYY	293	74
>PTEN-R173I SQRRYVYYY	212	>PTEN-R173I SQRHYVYYY	181	31
>PTEN-R173I SQRRYVYY	41	>PTEN-R173I SQRHYVYY	33	8
>PTEN-R173I SQRRYVYYY	36	>PTEN-R173I SQRHYVYYY	30	6
>PTEN-R173I SQRRYVYYYS	34	>PTEN-R173I SQRHYVYYYS	29	5
>PTEN-R173I SQRRYVYY	383	>PTEN-R173I SQRHYVYY	279	104
>PTEN-R173I SQRRYVYYY	581	>PTEN-R173I SQRHYVYYY	391	190
>PTEN-R173I SQRRYVYYYS	322	>PTEN-R173I SQRHYVYYYS	235	87
>PTEN-R173I SQRRYVYY	4	>PTEN-R173I SQRHYVYY	4	0
>PTEN-R173I SQRRYVYYY	4	>PTEN-R173I SQRHYVYYY	4	0
>PTEN-R173I SQRRYVYYYS	947	>PTEN-R173I SQRHYVYYYS	450	497
>PTEN-R173I SQRRYVYYYS	3	>PTEN-R173I SQRHYVYYYS	3	0

>PTEN-R173I SQRRYVYYY	492	>PTEN-R173I SQRHYVYYY	784	292
>PTEN-R173I SQRRYVYYY	453	>PTEN-R173I SQRHYVYYY	266	187
>PTEN-R173I PSQRRYVYYY	186	>PTEN-R173I PSQRHYVYYY	189	3
>PTEN-R173I PSQRRYVYYY	1031	>PTEN-R173I PSQRHYVYYY	213	818
>PTEN-R173I PSQRRYVYYY	359	>PTEN-R173I PSQRHYVYYY	325	34
>PTEN-R173I PSQRRYVY	465	>PTEN-R173I PSQRHYVY	642	177
>PTEN-R173I PSQRRYVYYY	40	>PTEN-R173I PSQRHYVYYY	46	6
>PTEN-R173I PSQRRYVYYY	353	>PTEN-R173I PSQRHYVYYY	639	286
>PTEN-R173I IPSQRRYV	597	>PTEN-R173I IPSQRHYV	81	516
>PTEN-R173I IPSQRRYVYYY	288	>PTEN-R173I IPSQRHYVY	129	159
>PTEN-R173I IPSQRRYVY	183	>PTEN-R173I IPSQRHYVY	367	184
>PTEN-R173I IPSQRRYVYYY	123	>PTEN-R173I IPSQRHYVY	148	25
>PTEN-R173I IPSQRRYV	22	>PTEN-R173I IPSQRHYV	48	26
>PTEN-R173I IPSQRRYVY	165	>PTEN-R173I IPSQRHYVY	1241	1076
>PTEN-R173I IPSQRRYVY	16	>PTEN-R173I IPSQRHYVY	12	4
>PTEN-R173I IPSQRRYVYYY	27	>PTEN-R173I IPSQRHYVY	20	7
>PTEN-R173I IPSQRRYVY	74	>PTEN-R173I IPSQRHYVY	117	43
>PTEN-R173I IPSQRRYVYYY	31	>PTEN-R173I IPSQRHYVY	37	6
>PTEN-R173I IPSQRRYVY	7	>PTEN-R173I IPSQRHYVY	12	5
>PTEN-R173I IPSQRRYVYYY	33	>PTEN-R173I IPSQRHYVY	38	5
>PTEN-R173I IPSQRRYVYYY	12	>PTEN-R173I IPSQRHYVY	21	9
>PTEN-R173I IPSQRRYVY	262	>PTEN-R173I IPSQRHYVY	170	92
>PTEN-R173I IPSQRRYVYYY	518	>PTEN-R173I IPSQRHYVY	369	149
>PTEN-R173I TIPSQRRYV	4246	>PTEN-R173I TIPSQRHYV	309	3937
>PTEN-R173I TIPSQRRYV	1432	>PTEN-R173I TIPSQRHYV	328	1104
>PTEN-R173I TIPSQRRYV	1464	>PTEN-R173I TIPSQRHYV	190	1274
>PTEN-R173I TIPSQRRYV	7150	>PTEN-R173I TIPSQRHYV	346	6804
>PTEN-R173I TIPSQRRYV	225	>PTEN-R173I TIPSQRHYV	10	215
>PTEN-R173I TIPSQRRYVY	1079	>PTEN-R173I TIPSQRHYVY	469	610
>PTEN-R173I TIPSQRRY	437	>PTEN-R173I TIPSQRHY	155	282
>PTEN-R173I TIPSQRRYVY	618	>PTEN-R173I TIPSQRHYVY	221	397
>PTEN-R173I TIPSQRRYVY	290	>PTEN-R173I TIPSQRHYVY	85	205
>PTEN-R173I TIPSQRRYVY	238	>PTEN-R173I TIPSQRHYVY	77	161
>PTEN-R173I TIPSQRRY	641	>PTEN-R173I TIPSQRHY	344	297
>PTEN-R173I TIPSQRRYVY	597	>PTEN-R173I TIPSQRHYVY	273	324
>PTEN-R173I TIPSQRRYV	67	>PTEN-R173I TIPSQRHYV	10	57
>PTEN-R173I TIPSQRRYV	4724	>PTEN-R173I TIPSQRHYV	133	4591
>PTEN-R173I VTIPSQRRYV	563	>PTEN-R173I VTIPSQRHYV	411	152
>PTEN-R173I VTIPSQRRYV	916	>PTEN-R173I VTIPSQRHYV	376	540
>PTEN-R173I VTIPSQRRYV	249	>PTEN-R173I VTIPSQRHYV	61	188
>PTEN-R173I VTIPSQRRYV	3708	>PTEN-R173I VTIPSQRHYV	447	3261
>PTEN-R173I VTIPSQRRYV	286	>PTEN-R173I VTIPSQRHYV	30	256
>PTEN-R173I VTIPSQRRYV	284	>PTEN-R173I VTIPSQRHYV	297	13

>PTEN-R173I VTIPSQRRY	26	>PTEN-R173I VTIPSQRHY	14	12
>PTEN-R173I VTIPSQRRYV'	38	>PTEN-R173I VTIPSQRHYV'	22	16
>PTEN-R173I VTIPSQRRYV'	509	>PTEN-R173I VTIPSQRHYV'	408	101
>PTEN-R173I VTIPSQRRY	59	>PTEN-R173I VTIPSQRHY	40	19
>PTEN-R173I VTIPSQRRYV'	26	>PTEN-R173I VTIPSQRHYV'	17	9
>PTEN-R173I VTIPSQRRY	41	>PTEN-R173I VTIPSQRHY	39	2
>PTEN-R173I VTIPSQRRYV'	16	>PTEN-R173I VTIPSQRHYV'	20	4
>PTEN-R173I VTIPSQRR	135	>PTEN-R173I VTIPSQRH	11257	11122
>PTEN-R173I VTIPSQRR	65	>PTEN-R173I VTIPSQRH	9411	9346
>PTEN-R173I VTIPSQRRYV'	225	>PTEN-R173I VTIPSQRHYV'	38	187
>PTEN-R173I VTIPSQRRYV'	1840	>PTEN-R173I VTIPSQRHYV'	142	1698
>PTEN-R173I VTIPSQRRY	1209	>PTEN-R173I VTIPSQRHY	381	828
>PTEN-R173I VTIPSQRRYV'	579	>PTEN-R173I VTIPSQRHYV'	163	416
>PTEN-R173I VTIPSQRRY	399	>PTEN-R173I VTIPSQRHY	85	314
>PTEN-R173I VTIPSQRRYV'	109	>PTEN-R173I VTIPSQRHYV'	68	41
>PTEN-R173I VTIPSQRRY	706	>PTEN-R173I VTIPSQRHY	180	526
>PTEN-R173I VTIPSQRRYV'	205	>PTEN-R173I VTIPSQRHYV'	135	70
>PTEN-R173I VTIPSQRR	677	>PTEN-R173I VTIPSQRH	31	646
>PTEN-R173I VTIPSQRRY	3	>PTEN-R173I VTIPSQRHY	3	0
>PTEN-R173I VTIPSQRRYV'	124	>PTEN-R173I VTIPSQRHYV'	113	11
>PTEN-R173I VTIPSQRRYV'	4	>PTEN-R173I VTIPSQRHYV'	3	1
>PTEN-R173I VTIPSQRRY	81	>PTEN-R173I VTIPSQRHY	78	3
>PTEN-R173I VTIPSQRRYV'	111	>PTEN-R173I VTIPSQRHYV'	91	20
>PTEN-R173I VTIPSQRRY	122	>PTEN-R173I VTIPSQRHY	46	76
>PTEN-R173I VTIPSQRRYV'	76	>PTEN-R173I VTIPSQRHYV'	45	31
>PTEN-R173I VTIPSQRRYV'	616	>PTEN-R173I VTIPSQRHYV'	201	415
>PTEN-R173I VTIPSQRRY	37	>PTEN-R173I VTIPSQRHY	180	143
>PTEN-R173I VTIPSQRRYV'	37	>PTEN-R173I VTIPSQRHYV'	36	1
>PTEN-R173I VTIPSQRRYV'	256	>PTEN-R173I VTIPSQRHYV'	556	300
>PTEN-R173I GVTIPSQRRY'	623	>PTEN-R173I GVTIPSQRHY'	170	453
>PTEN-R173I GVTIPSQRRY	1023	>PTEN-R173I GVTIPSQRHY	113	910
>PTEN-R173I GVTIPSQRRY'	123	>PTEN-R173I GVTIPSQRHY'	16	107
>PTEN-R173I GVTIPSQRRY	1919	>PTEN-R173I GVTIPSQRHY	283	1636
>PTEN-R173I GVTIPSQRRY	172	>PTEN-R173I GVTIPSQRHY	396	224
>PTEN-R173I KGV TIPSQRR	155	>PTEN-R173I KGV TIPSQRH	141	14
>PTEN-R173I KGV TIPSQRR	202	>PTEN-R173I KGV TIPSQRH	388	186
>PTEN-R173I KGV TIPSQRR	227	>PTEN-R173I KGV TIPSQRH	755	528
>PTEN-R173I KGV TIPSQRR	120	>PTEN-R173I KGV TIPSQRH	21918	21798
>PTEN-R173I RYVYYYYSYL	51	>PTEN-R173I PYVYYYYSYL	105	54
>PTEN-R173I RYVYYYYSYL	340	>PTEN-R173I PYVYYYYSYL	3809	3469
>PTEN-R173I RYVYYYYSYLLK	94	>PTEN-R173I PYVYYYYSYLLK	5316	5222
>PTEN-R173I RYVYYYYSY	213	>PTEN-R173I PYVYYYYSY	521	308
>PTEN-R173I RYVYYYYSYL	42	>PTEN-R173I PYVYYYYSYL	83	41

>PTEN-R173F RYVYYYYSYLL	6	>PTEN-R173F PYVYYYYSYLL	9	3
>PTEN-R173F RYVYYYYSYLLK	105	>PTEN-R173F PYVYYYYSYLLK	200	95
>PTEN-R173F RYVYYYYSY	244	>PTEN-R173F PYVYYYYSY	1181	937
>PTEN-R173F RYVYYYYSYL	56	>PTEN-R173F PYVYYYYSYL	245	189
>PTEN-R173F RYVYYYYSYLL	26	>PTEN-R173F PYVYYYYSYLL	39	13
>PTEN-R173F RYVYYYYSYLLK	271	>PTEN-R173F PYVYYYYSYLLK	1651	1380
>PTEN-R173F RYVYYYYSY	86	>PTEN-R173F PYVYYYYSY	2665	2579
>PTEN-R173F RYVYYYYSYL	6	>PTEN-R173F PYVYYYYSYL	47	41
>PTEN-R173F RYVYYYYSYLL	10	>PTEN-R173F PYVYYYYSYLL	178	168
>PTEN-R173F RYVYYYYSYLLK	446	>PTEN-R173F PYVYYYYSYLLK	6267	5821
>PTEN-R173F RYVYYYYSY	18	>PTEN-R173F PYVYYYYSY	19	1
>PTEN-R173F RYVYYYYSYLL	222	>PTEN-R173F PYVYYYYSYLL	411	189
>PTEN-R173F RYVYYYYSYL	121	>PTEN-R173F PYVYYYYSYL	10287	10166
>PTEN-R173F RYVYYYYSYLL	348	>PTEN-R173F PYVYYYYSYLL	12333	11985
>PTEN-R173F RYVYYYYSYLLK	6	>PTEN-R173F PYVYYYYSYLLK	538	532
>PTEN-R173F RYVYYYYSY	39	>PTEN-R173F PYVYYYYSY	267	228
>PTEN-R173F RYVYYYYSYLL	410	>PTEN-R173F PYVYYYYSYLL	4743	4333
>PTEN-R173F RYVYYYYSY	484	>PTEN-R173F PYVYYYYSY	15676	15192
>PTEN-R173F RYVYYYYSYL	105	>PTEN-R173F PYVYYYYSYL	10337	10232
>PTEN-R173F RYVYYYYSYLLK	33	>PTEN-R173F PYVYYYYSYLLK	3461	3428
>PTEN-R173F RYVYYYYSY	88	>PTEN-R173F PYVYYYYSY	4844	4756
>PTEN-R173F RYVYYYYSY	77	>PTEN-R173F PYVYYYYSY	1656	1579
>PTEN-R173F RYVYYYYSYL	223	>PTEN-R173F PYVYYYYSYL	5439	5216
>PTEN-R173F RYVYYYYSYLL	420	>PTEN-R173F PYVYYYYSYLL	14282	13862
>PTEN-R173F RYVYYYYSYL	403	>PTEN-R173F PYVYYYYSYL	18062	17659
>PTEN-R173F RYVYYYYSY	127	>PTEN-R173F PYVYYYYSY	437	310
>PTEN-R173F RYVYYYYSYLLK	42	>PTEN-R173F PYVYYYYSYLLK	386	344
>PTEN-R173F RYVYYYYSYL	311	>PTEN-R173F PYVYYYYSYL	1132	821
>PTEN-R173F RYVYYYYSYLL	195	>PTEN-R173F PYVYYYYSYLL	1093	898
>PTEN-R173F RYVYYYYSY	356	>PTEN-R173F PYVYYYYSY	3774	3418
>PTEN-R173F RYVYYYYSYL	37	>PTEN-R173F PYVYYYYSYL	452	415
>PTEN-R173F RYVYYYYSYLL	32	>PTEN-R173F PYVYYYYSYLL	209	177
>PTEN-R173F RYVYYYYSYLLK	325	>PTEN-R173F PYVYYYYSYLLK	2991	2666
>PTEN-R173F RRYVYYYYSYLL	136	>PTEN-R173F RPYVYYYYSYLL	253	117
>PTEN-R173F RRYVYYYYSYL	16776	>PTEN-R173F RPYVYYYYSYL	32	16744
>PTEN-R173F RRYVYYYYSY	429	>PTEN-R173F RPYVYYYYSY	835	406
>PTEN-R173F RRYVYYYYSY	139	>PTEN-R173F RPYVYYYYSY	135	4
>PTEN-R173F RRYVYYYYSY	106	>PTEN-R173F RPYVYYYYSY	238	132
>PTEN-R173F RRYVYYYYSYL	23220	>PTEN-R173F RPYVYYYYSYL	76	23144
>PTEN-R173F RRYVYYYYSYLL	23418	>PTEN-R173F RPYVYYYYSYLL	52	23366
>PTEN-R173F RRYVYYYYSYLL	2872	>PTEN-R173F RPYVYYYYSYLL	352	2520
>PTEN-R173F RRYVYYYYSY	3	>PTEN-R173F RPYVYYYYSY	14	11
>PTEN-R173F RRYVYYYYSYL	8	>PTEN-R173F RPYVYYYYSYL	90	82



>PTEN-R173F RRYVYYYYSYLL	19	>PTEN-R173F RPYVYYYYSYLL	470	451
>PTEN-R173F RRYVYYYYSY	4587	>PTEN-R173F RPYVYYYYSY	465	4122
>PTEN-R173F RRYVYYYYS	69	>PTEN-R173F RPYVYYYYS	20517	20448
>PTEN-R173F RRYVYYYYSY	11	>PTEN-R173F RPYVYYYYSY	10781	10770
>PTEN-R173F RRYVYYYYSYL	7	>PTEN-R173F RPYVYYYYSYL	1933	1926
>PTEN-R173F RRYVYYYYSYLL	8	>PTEN-R173F RPYVYYYYSYLL	8650	8642
>PTEN-R173F RRYVYYYYSY	8472	>PTEN-R173F RPYVYYYYSY	17	8455
>PTEN-R173F RRYVYYYYSYL	325	>PTEN-R173F RPYVYYYYSYL	603	278
>PTEN-R173F RRYVYYYYSYLL	50	>PTEN-R173F RPYVYYYYSYLL	76	26
>PTEN-R173F RRYVYYYYSYL	263	>PTEN-R173F RPYVYYYYSYL	1406	1143
>PTEN-R173F RRYVYYYYSYLL	106	>PTEN-R173F RPYVYYYYSYLL	394	288
>PTEN-R173F RRYVYYYYSY	22251	>PTEN-R173F RPYVYYYYSY	69	22182
>PTEN-R173F RRYVYYYYS	28630	>PTEN-R173F RPYVYYYYS	493	28137
>PTEN-R173F RRYVYYYYSY	676	>PTEN-R173F RPYVYYYYSY	6	670
>PTEN-R173F RRYVYYYYSYLL	18623	>PTEN-R173F RPYVYYYYSYLL	150	18473
>PTEN-R173F RRYVYYYYSY	15405	>PTEN-R173F RPYVYYYYSY	54	15351
>PTEN-R173F RRYVYYYYSYL	20687	>PTEN-R173F RPYVYYYYSYL	226	20461
>PTEN-R173F RRYVYYYYSYLL	24248	>PTEN-R173F RPYVYYYYSYLL	376	23872
>PTEN-R173F RRYVYYYYS	221	>PTEN-R173F RPYVYYYYS	16967	16746
>PTEN-R173F RRYVYYYYSY	47	>PTEN-R173F RPYVYYYYSY	4909	4862
>PTEN-R173F RRYVYYYYSYL	14	>PTEN-R173F RPYVYYYYSYL	1455	1441
>PTEN-R173F RRYVYYYYSYLL	11	>PTEN-R173F RPYVYYYYSYLL	438	427
>PTEN-R173F RRYVYYYYS	450	>PTEN-R173F RPYVYYYYS	17541	17091
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>PTEN-R173F QRRYVYYYY	292	>PTEN-R173F QRPVYYYY	481	189
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>PTEN-R47G·GVYRNNIDD\	36	>PTEN-R47G·GVYGNIDD\	13	23
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>PTEN-R47G·RLEGVYRNNI	476	>PTEN-R47G·RLEGVYGNNI	485	9
>PTEN-R47G·RLEGVYRNNI	466	>PTEN-R47G·RLEGVYGNNI	161	305
>PTEN-R47G·RLEGVYRNNI	258	>PTEN-R47G·RLEGVYGNNI	241	17
>PTEN-R47G·RLEGVYRNNI	307	>PTEN-R47G·RLEGVYGNNI	759	452
>PTEN-R47G·ERLEGVYR	115	>PTEN-R47G·ERLEGVYG	33680	33565
>PTEN-R55G·RFLDSKHKNF	91	>PTEN-R55G·GFLDSKHKNF	32	59
>PTEN-R55G·RFLDSKHK	19	>PTEN-R55G·GFLDSKHK	1550	1531
>PTEN-R55G·RFLDSKHKNF	227	>PTEN-R55G·GFLDSKHKNF	495	268

>PTEN-R55G·RFLDSKHK	73	>PTEN-R55G·GFLDSKHK	1280	1207
>PTEN-R55G·RFLDSKHK	66	>PTEN-R55G·GFLDSKHK	3335	3269
>PTEN-R55G·VRFLDSKH	482	>PTEN-R55G·VGFLDSKH	26611	26129
>PTEN-R55G·VRFLDSKHK	137	>PTEN-R55G·VGFLDSKHK	24095	23958
>PTEN-R55G·VYRNNIDDV\	219	>PTEN-R55G·VYRNNIDDV\	21208	20989
>PTEN-R55G·VYRNNIDDV\	173	>PTEN-R55G·VYRNNIDDV\	33236	33063
>PTEN-R55G·VVRFLDSKHK	408	>PTEN-R55G·VVGFLDSKHK	701	293
>PTEN-R55G·VVRFLDSK	455	>PTEN-R55G·VVGFLDSK	80	375
>PTEN-R55G·VVRFLDSKHK	560	>PTEN-R55G·VVGFLDSKHK	388	172
>PTEN-R55G·VVRFLDSK	17	>PTEN-R55G·VVGFLDSK	7218	7201
>PTEN-R55G·VVRFLDSKHK	13	>PTEN-R55G·VVGFLDSKHK	5472	5459
>PTEN-R55G·VVRFLDSKH	57	>PTEN-R55G·VVGFLDSKH	851	794
>PTEN-R55G·DVVRFLDSK	493	>PTEN-R55G·DVVGFLDSK	289	204
>PTEN-R55G·DVVRFLDSKH	129	>PTEN-R55G·DVVGFLDSKH	85	44
>PTEN-R55G·DVVRFLDSK	18	>PTEN-R55G·DVVGFLDSK	15	3
>PTEN-R55G·DVVRFLDSKH	102	>PTEN-R55G·DVVGFLDSKH	86	16
>PTEN-R55G·NIDDVVRFL	171	>PTEN-R55G·NIDDVVGFL	90	81
>PTEN-R55G·NIDDVVRFL	1161	>PTEN-R55G·NIDDVVGFL	400	761
>PTEN-R55G·NIDDVVRFL	272	>PTEN-R55G·NIDDVVGFL	108	164
>PTEN-R55G·NIDDVVRFL	30	>PTEN-R55G·NIDDVVGFL	27	3
>PTEN-R55G·NIDDVVRFL	320	>PTEN-R55G·NIDDVVGFL	144	176
>PTEN-R55G·NIDDVVRFL	464	>PTEN-R55G·NIDDVVGFL	383	81
>PTEN-R55G·NIDDVVRFL	1548	>PTEN-R55G·NIDDVVGFL	296	1252
>PTEN-R55G·NIDDVVRFL	324	>PTEN-R55G·NIDDVVGFL	76	248
>PTEN-R55G·NNIDDVVR	192	>PTEN-R55G·NNIDDVVG	34476	34284
>PTEN-R55G·RNNIDDVVR\	450	>PTEN-R55G·RNNIDDVVG\	306	144
>PTEN-R55G·RNNIDDVVR	474	>PTEN-R55G·RNNIDDVVG	34986	34512
>PTEN-R55G·YRNNIDDVVF	48	>PTEN-R55G·YRNNIDDVVC	38	10
>PTEN-R55G·YRNNIDDVVF	119	>PTEN-R55G·YRNNIDDVVC	93	26
>PTEN-R55S·RFLDSKHKNH	91	>PTEN-R55S·SFLDSKHKNH	36	55
>PTEN-R55S·RFLDSKHK	19	>PTEN-R55S·SFLDSKHK	241	222
>PTEN-R55S·RFLDSKHKNH	227	>PTEN-R55S·SFLDSKHKNH	250	23
>PTEN-R55S·RFLDSKHK	73	>PTEN-R55S·SFLDSKHK	574	501
>PTEN-R55S·RFLDSKHK	66	>PTEN-R55S·SFLDSKHK	432	366
>PTEN-R55S·VRFLDSKHK	21945	>PTEN-R55S·VSFLDSKHK	169	21776
>PTEN-R55S·VRFLDSKH	27473	>PTEN-R55S·VSFLDSKH	401	27072
>PTEN-R55S·VRFLDSKHKN	27252	>PTEN-R55S·VSFLDSKHKN	385	26867
>PTEN-R55S·VRFLDSKH	482	>PTEN-R55S·VSFLDSKH	24096	23614
>PTEN-R55S·VRFLDSKHK	137	>PTEN-R55S·VSFLDSKHK	20395	20258
>PTEN-R55S·VRFLDSKHK	12904	>PTEN-R55S·VSFLDSKHK	434	12470
>PTEN-R55S·VYRNNIDDV\	219	>PTEN-R55S·VYRNNIDDV\	19084	18865
>PTEN-R55S·VYRNNIDDV\	173	>PTEN-R55S·VYRNNIDDV\	28358	28185
>PTEN-R55S·VVRFLDSKHK	408	>PTEN-R55S·VVSFLDSKHK	226	182

>PTEN-R55S-VVRFLDSK	455	>PTEN-R55S-VVSFLDSK	27	428
>PTEN-R55S-VVRFLDSKHK	560	>PTEN-R55S-VVSFLDSKHK	44	516
>PTEN-R55S-VVRFLDSK	17	>PTEN-R55S-VVSFLDSK	3359	3342
>PTEN-R55S-VVRFLDSKHK	13	>PTEN-R55S-VVSFLDSKHK	2066	2053
>PTEN-R55S-VVRFLDSK	1300	>PTEN-R55S-VVSFLDSK	125	1175
>PTEN-R55S-VVRFLDSKHK	1972	>PTEN-R55S-VVSFLDSKHK	198	1774
>PTEN-R55S-VVRFLDSKH	57	>PTEN-R55S-VVSFLDSKH	151	94
>PTEN-R55S-DVVRFLDSK	493	>PTEN-R55S-DVVSFLDSK	394	99
>PTEN-R55S-DVVRFLDSKH	129	>PTEN-R55S-DVVSFLDSKH	106	23
>PTEN-R55S-DVVRFLDSK	18	>PTEN-R55S-DVVSFLDSK	10	8
>PTEN-R55S-DVVRFLDSKH	102	>PTEN-R55S-DVVSFLDSKH	52	50
>PTEN-R55S-NIDDVVRFL	909	>PTEN-R55S-NIDDVVSFL	122	787
>PTEN-R55S-NIDDVVRFL	171	>PTEN-R55S-NIDDVVSFL	25	146
>PTEN-R55S-NIDDVVRFL	1161	>PTEN-R55S-NIDDVVSFL	154	1007
>PTEN-R55S-NIDDVVRFL	272	>PTEN-R55S-NIDDVVSFL	35	237
>PTEN-R55S-NIDDVVRFL	30	>PTEN-R55S-NIDDVVSFL	14	16
>PTEN-R55S-NIDDVVRFL	1529	>PTEN-R55S-NIDDVVSFL	199	1330
>PTEN-R55S-NIDDVVRFL	320	>PTEN-R55S-NIDDVVSFL	42	278
>PTEN-R55S-NIDDVVRFL	464	>PTEN-R55S-NIDDVVSFL	36	428
>PTEN-R55S-NIDDVVRFL	2416	>PTEN-R55S-NIDDVVSFL	288	2128
>PTEN-R55S-NIDDVVRFL	1548	>PTEN-R55S-NIDDVVSFL	194	1354
>PTEN-R55S-NIDDVVRFL	324	>PTEN-R55S-NIDDVVSFL	60	264
>PTEN-R55S-NNIDDVVR	192	>PTEN-R55S-NNIDDVVS	26246	26054
>PTEN-R55S-NNIDDVVR	2229	>PTEN-R55S-NNIDDVVS	322	1907
>PTEN-R55S-RNNIDDVVR	2261	>PTEN-R55S-RNNIDDVVS	466	1795
>PTEN-R55S-RNNIDDVVR	450	>PTEN-R55S-RNNIDDVVS	76	374
>PTEN-R55S-RNNIDDVVR	474	>PTEN-R55S-RNNIDDVVS	32015	31541
>PTEN-R55S-YRNNIDDVVR	48	>PTEN-R55S-YRNNIDDVVS	15	33
>PTEN-R55S-YRNNIDDVVR	119	>PTEN-R55S-YRNNIDDVVS	98	21
>PTEN-R84G-CRVAQYPF	32	>PTEN-R84G-CGVAQYPF	785	753
>PTEN-R84G-CRVAQYPF	283	>PTEN-R84G-CGVAQYPF	21941	21658
>PTEN-R84G-CRVAQYPF	5407	>PTEN-R84G-CGVAQYPF	216	5191
>PTEN-R84G-CRVAQYPF	214	>PTEN-R84G-CGVAQYPF	13155	12941
>PTEN-R84G-RHYDTAKFNC	374	>PTEN-R84G-RHYDTAKFNC	21735	21361
>PTEN-R84G-RHYDTAKFNC	71	>PTEN-R84G-RHYDTAKFNC	28170	28099
>PTEN-R84G-FNCRVAQY	418	>PTEN-R84G-FNCGVAQY	96	322
>PTEN-R84G-FNCRVAQYPI	119	>PTEN-R84G-FNCGVAQYPI	444	325
>PTEN-R84G-KFNCRVAQYI	235	>PTEN-R84G-KFNCGVAQYI	177	58
>PTEN-R84G-KFNCRVAQYI	412	>PTEN-R84G-KFNCGVAQYI	655	243
>PTEN-R84G-KFNCRVAQYI	140	>PTEN-R84G-KFNCGVAQYI	86	54
>PTEN-R84G-KFNCRVAQY	167	>PTEN-R84G-KFNCGVAQY	53	114
>PTEN-R84G-KFNCRVAQY	853	>PTEN-R84G-KFNCGVAQY	248	605
>PTEN-R84G-KFNCRVAQY	377	>PTEN-R84G-KFNCGVAQY	1376	999



>PTEN-R84G·KFNCRVAQYI	170	>PTEN-R84G·KFNCGVAQYI	354	184
>PTEN-R84G·KFNCRVAQYI	101	>PTEN-R84G·KFNCGVAQYI	117	16
>PTEN-R84G·KFNCRVAQY	611	>PTEN-R84G·KFNCGVAQY	279	332
>PTEN-R84G·KFNCRVAQYI	431	>PTEN-R84G·KFNCGVAQYI	268	163
>PTEN-R84G·KFNCRVAQYI	331	>PTEN-R84G·KFNCGVAQYI	306	25
>PTEN-R84G·KFNCRVAQY	131	>PTEN-R84G·KFNCGVAQY	196	65
>PTEN-R84G·AKFNCRVAQ'	381	>PTEN-R84G·AKFNCGVAQ'	161	220
>PTEN-R84G·AKFNCRVAQ'	197	>PTEN-R84G·AKFNCGVAQ'	156	41
>PTEN-R84G·AKFNCRVA	52	>PTEN-R84G·AKFNCGVA	95	43
>PTEN-R84G·AKFNCRVAQ	43	>PTEN-R84G·AKFNCGVAQ	23	20
>PTEN-R84G·AKFNCRVAQ'	3	>PTEN-R84G·AKFNCGVAQ'	3	0
>PTEN-R84G·AKFNCRVAQ'	114	>PTEN-R84G·AKFNCGVAQ'	104	10
>PTEN-R84G·TAKFNCRVAC	573	>PTEN-R84G·TAKFNCGVAQ	189	384
>PTEN-R84G·TAKFNCRV	662	>PTEN-R84G·TAKFNCGV	286	376
>PTEN-R84G·TAKFNCRVAC	362	>PTEN-R84G·TAKFNCGVAQ	262	100
>PTEN-R84G·TAKFNCRVAC	97	>PTEN-R84G·TAKFNCGVAQ	96	1
>PTEN-R84G·TAKFNCRVAC	869	>PTEN-R84G·TAKFNCGVAQ	474	395
>PTEN-R84G·DTAKFNCRV	1832	>PTEN-R84G·DTAKFNCGV	357	1475
>PTEN-R84G·DTAKFNCR	20	>PTEN-R84G·DTAKFNCG	20519	20499
>PTEN-R84G·DTAKFNCR	3	>PTEN-R84G·DTAKFNCG	8856	8853
>PTEN-R84G·DTAKFNCRV/	171	>PTEN-R84G·DTAKFNCGV/	313	142
>PTEN-R84G·DTAKFNCRV	12	>PTEN-R84G·DTAKFNCGV	10	2
>PTEN-R84G·DTAKFNCRV/	460	>PTEN-R84G·DTAKFNCGV/	87	373
>PTEN-R84G·DTAKFNCRV	7	>PTEN-R84G·DTAKFNCGV	4	3
>PTEN-R84G·YDTAKFNCRV	183	>PTEN-R84G·YDTAKFNCGV	173	10
>PTEN-R84G·HYDTAKFNCF	204	>PTEN-R84G·HYDTAKFNCC	31530	31326
>PTEN-R84G·HYDTAKFNCF	29	>PTEN-R84G·HYDTAKFNCC	27443	27414
>PTEN-S10N·VSRNKRRYQ	113	>PTEN-S10N·VNRNKRRYQ	2721	2608
>PTEN-S10N·VSRNKRRY	155	>PTEN-S10N·VNRNKRRY	1994	1839
>PTEN-S10N·VSRNKRRY	7	>PTEN-S10N·VNRNKRRY	10952	10945
>PTEN-S10N·IVSRNKRRY	157	>PTEN-S10N·IVNRNKRRY	160	3
>PTEN-S10N·IVSRNKRR	225	>PTEN-S10N·IVNRNKRR	49	176
>PTEN-S10N·IVSRNKRR	128	>PTEN-S10N·IVNRNKRR	232	104
>PTEN-S10N·EIVSRNKRRY	13	>PTEN-S10N·EIVNRNKRRY	26	13
>PTEN-S10N·EIVSRNKRRY	313	>PTEN-S10N·EIVNRNKRRY	278	35
>PTEN-S10N·EIVSRNKRR	155	>PTEN-S10N·EIVNRNKRR	177	22
>PTEN-S10N·EIVSRNKRR	356	>PTEN-S10N·EIVNRNKRR	349	7
>PTEN-S10N·EIVSRNKRR	8	>PTEN-S10N·EIVNRNKRR	10	2
>PTEN-S10N·EIVSRNKRR	20	>PTEN-S10N·EIVNRNKRR	28	8
>PTEN-S10N·EIVSRNKRR	258	>PTEN-S10N·EIVNRNKRR	291	33
>PTEN-S10N·EIVSRNKRR	226	>PTEN-S10N·EIVNRNKRR	299	73
>PTEN-S10N·KEIVSRNKRR'	321	>PTEN-S10N·KEIVNRNKRR	428	107
>PTEN-S10N·KEIVSRNKRR	621	>PTEN-S10N·KEIVNRNKRR	336	285

>PTEN-S10N-KEIVSRNKRR	358	>PTEN-S10N-KEIVNRNKRR	248	110
>PTEN-S10N-IIKEIVSRNK	201	>PTEN-S10N-IIKEIVNRNK	410	209
>PTEN-S10N-IIKEIVSRNK	31	>PTEN-S10N-IIKEIVNRNK	35	4
>PTEN-S10N-IIKEIVSR	30	>PTEN-S10N-IIKEIVNR	23	7
>PTEN-S10N-IIKEIVSRNKR	24	>PTEN-S10N-IIKEIVNRNKR	30	6
>PTEN-S10N-IIKEIVSR	71	>PTEN-S10N-IIKEIVNR	82	11
>PTEN-S10N-IIKEIVSRNKR	117	>PTEN-S10N-IIKEIVNRNKR	175	58
>PTEN-S10N-IIKEIVSR	66	>PTEN-S10N-IIKEIVNR	63	3
>PTEN-S10N-IIKEIVSRNKR	40	>PTEN-S10N-IIKEIVNRNKR	49	9
>PTEN-S10N-IIKEIVSR	184	>PTEN-S10N-IIKEIVNR	123	61
>PTEN-S10N-IIKEIVSRNKR	534	>PTEN-S10N-IIKEIVNRNKR	387	147
>PTEN-S10N-AIIEIVSRNK	271	>PTEN-S10N-AIIEIVNRNK	444	173
>PTEN-S10N-AIIEIVSR	531	>PTEN-S10N-AIIEIVNR	427	104
>PTEN-S10N-AIIEIVSRNK	59	>PTEN-S10N-AIIEIVNRNK	74	15
>PTEN-S10N-AIIEIVSRNK	360	>PTEN-S10N-AIIEIVNRNK	537	177
>PTEN-S10N-AIIEIVSR	388	>PTEN-S10N-AIIEIVNR	164	224
>PTEN-S10N-AIIEIVSR	131	>PTEN-S10N-AIIEIVNR	126	5
>PTEN-S10N-AIIEIVSR	326	>PTEN-S10N-AIIEIVNR	173	153
>PTEN-S10N-TAIIEIVSR	406	>PTEN-S10N-TAIIEIVNR	263	143
>PTEN-S10N-TAIIEIVSR	24	>PTEN-S10N-TAIIEIVNR	18	6
>PTEN-S10N-MTAIIEIVSR	373	>PTEN-S10N-MTAIIEIVNF	297	76
>PTEN-S10N-MTAIIEIVSR	22	>PTEN-S10N-MTAIIEIVNF	20	2
>PTEN-S10N-MTAIIEIVSR	145	>PTEN-S10N-MTAIIEIVNF	160	15
>PTEN-S10N-MTAIIEIVSR	2	>PTEN-S10N-MTAIIEIVNF	2	0
>PTEN-S10N-MTAIIEIVSR	684	>PTEN-S10N-MTAIIEIVNF	469	215
>PTEN-S10N-MTAIIEIVSR	379	>PTEN-S10N-MTAIIEIVNF	216	163
>PTEN-S113FSEDDNHVA	161	>PTEN-S113FREDDNHVA	2607	2446
>PTEN-S113FSEDDNHVAA	347	>PTEN-S113FREDDNHVAA	1390	1043
>PTEN-S113FSEDDNHVAA	1148	>PTEN-S113FREDDNHVAA	192	956
>PTEN-S113FSEDDNHVAA	768	>PTEN-S113FREDDNHVAA	204	564
>PTEN-S113FSEDDNHVAA	435	>PTEN-S113FREDDNHVAA	179	256
>PTEN-S113FSEDDNHVAA	117	>PTEN-S113FREDDNHVAA	308	191
>PTEN-S113FSEDDNHVA	53	>PTEN-S113FREDDNHVA	90	37
>PTEN-S113FSEDDNHVAA	24	>PTEN-S113FREDDNHVAA	41	17
>PTEN-S113FSEDDNHVAA	315	>PTEN-S113FREDDNHVAA	663	348
>PTEN-S113FSEDDNHVAA	65	>PTEN-S113FREDDNHVAA	17	48
>PTEN-S113FLSEDDNHVA/	70	>PTEN-S113FLREDDNHVA/	6047	5977
>PTEN-S113FPFCEDLDQW	28826	>PTEN-S113FPFCEDLDQW	232	28594
>PTEN-S113FPFCEDLDQW	29506	>PTEN-S113FPFCEDLDQW	280	29226
>PTEN-S113FWLSEDDNHV	105	>PTEN-S113FWLREDDNHV	2145	2040
>PTEN-S113FWLSEDDNHV	480	>PTEN-S113FWLREDDNHV	6250	5770
>PTEN-S113FWLSEDDNHV	10	>PTEN-S113FWLREDDNHV	152	142
>PTEN-S113FWLSEDDNHV	99	>PTEN-S113FWLREDDNHV	902	803

>PTEN-S113FWLSEDDNHV	30	>PTEN-S113FWLREDDNHV	1033	1003
>PTEN-S113FWLSEDDNHV	12	>PTEN-S113FWLREDDNHV	25	13
>PTEN-S113FWLSEDDNHV	39	>PTEN-S113FWLREDDNHV	112	73
>PTEN-S113FWLSEDDNHV	30	>PTEN-S113FWLREDDNHV	188	158
>PTEN-S113FWLSEDDNHV	56	>PTEN-S113FWLREDDNHV	748	692
>PTEN-S113FWLSEDDNHV	8	>PTEN-S113FWLREDDNHV	30	22
>PTEN-S113FWLSEDDNHV	65	>PTEN-S113FWLREDDNHV	348	283
>PTEN-S113FWLSEDDNHV	34	>PTEN-S113FWLREDDNHV	147	113
>PTEN-S113FWLSEDDNHV	4	>PTEN-S113FWLREDDNHV	13	9
>PTEN-S113FWLSEDDNHV	22	>PTEN-S113FWLREDDNHV	196	174
>PTEN-S113FWLSEDDNHV	26	>PTEN-S113FWLREDDNHV	223	197
>PTEN-S113FWLSEDDNHV	6	>PTEN-S113FWLREDDNHV	17	11
>PTEN-S113FWLSEDDNHV	46	>PTEN-S113FWLREDDNHV	997	951
>PTEN-S113FWLSEDDNHV	85	>PTEN-S113FWLREDDNHV	1299	1214
>PTEN-S113FWLSEDDNHV	6	>PTEN-S113FWLREDDNHV	249	243
>PTEN-S113FWLSEDDNHV	40	>PTEN-S113FWLREDDNHV	1403	1363
>PTEN-S113FWLSEDDNHV	108	>PTEN-S113FWLREDDNHV	5021	4913
>PTEN-S113FWLSEDDNHV	2	>PTEN-S113FWLREDDNHV	3	1
>PTEN-S113FWLSEDDNHV	7	>PTEN-S113FWLREDDNHV	15	8
>PTEN-S113FWLSEDDNHV	9	>PTEN-S113FWLREDDNHV	20	11
>PTEN-S113FWLSEDDNHV	243	>PTEN-S113FWLREDDNHV	5341	5098
>PTEN-S113FQWLSEDDNF	40	>PTEN-S113FQWLREDDNF	46	6
>PTEN-S113FQWLSEDDNF	162	>PTEN-S113FQWLREDDNF	264	102
>PTEN-S113FEDLDQWLS	28355	>PTEN-S113FEDLDQWLR	389	27966
>PTEN-S113FCEDLDQWL	29671	>PTEN-S113FCEDLDQWL	301	29370
>PTEN-S170CSQRRYVYYY	308	>PTEN-S170CGQRRYVYYY	4154	3846
>PTEN-S170CSQRRYVYYY	137	>PTEN-S170CGQRRYVYYY	129	8
>PTEN-S170CSQRRYVYYYS	355	>PTEN-S170CGQRRYVYYYS	330	25
>PTEN-S170CSQRRYVYYY	72	>PTEN-S170CGQRRYVYYY	412	340
>PTEN-S170CSQRRYVYYY	75	>PTEN-S170CGQRRYVYYY	444	369
>PTEN-S170CSQRRYVYYYS	152	>PTEN-S170CGQRRYVYYYS	939	787
>PTEN-S170CSQRRYVYYYS	104	>PTEN-S170CGQRRYVYYYS	623	519
>PTEN-S170CSQRRYVYYY	83	>PTEN-S170CGQRRYVYYY	154	71
>PTEN-S170CSQRRYVYYYS	106	>PTEN-S170CGQRRYVYYYS	202	96
>PTEN-S170CSQRRYVYYY	219	>PTEN-S170CGQRRYVYYY	437	218
>PTEN-S170CSQRRYVYYY	212	>PTEN-S170CGQRRYVYYY	3627	3415
>PTEN-S170CSQRRYVYYY	41	>PTEN-S170CGQRRYVYYY	54	13
>PTEN-S170CSQRRYVYYY	36	>PTEN-S170CGQRRYVYYY	46	10
>PTEN-S170CSQRRYVYYYS	34	>PTEN-S170CGQRRYVYYYS	41	7
>PTEN-S170CSQRRYVYYY	383	>PTEN-S170CGQRRYVYYY	1164	781
>PTEN-S170CSQRRYVYYYS	322	>PTEN-S170CGQRRYVYYYS	1010	688
>PTEN-S170CSQRRYVYYY	4	>PTEN-S170CGQRRYVYYY	7	3
>PTEN-S170CSQRRYVYYY	4	>PTEN-S170CGQRRYVYYY	7	3

>PTEN-S170CSQRRYVYYY	3	>PTEN-S170GQRRYVYYY	5	2
>PTEN-S170CSQRRYVYYY	492	>PTEN-S170GQRRYVYYY	2551	2059
>PTEN-S170CSQRRYVYY	453	>PTEN-S170GQRRYVYY	361	92
>PTEN-S170CPSQRRYVYY	186	>PTEN-S170PGQRRYVYY	4886	4700
>PTEN-S170CPSQRRYVYY	359	>PTEN-S170PGQRRYVYY	1158	799
>PTEN-S170CPSQRRYVY	465	>PTEN-S170PGQRRYVY	1398	933
>PTEN-S170CPSQRRYVYY	40	>PTEN-S170PGQRRYVYY	314	274
>PTEN-S170CPSQRRYVYY	353	>PTEN-S170PGQRRYVYY	4533	4180
>PTEN-S170CIPSQRRYVYY	288	>PTEN-S170IPGQRRYVY	309	21
>PTEN-S170CIPSQRRYVY	183	>PTEN-S170IPGQRRYVY	465	282
>PTEN-S170CIPSQRRYVYY	123	>PTEN-S170IPGQRRYVYY	349	226
>PTEN-S170CIPSQRRYV	22	>PTEN-S170IPGQRRYV	46	24
>PTEN-S170CIPSQRRYVY	165	>PTEN-S170IPGQRRYVY	409	244
>PTEN-S170CIPSQRRYVY	16	>PTEN-S170IPGQRRYVY	38	22
>PTEN-S170CIPSQRRYVYY	27	>PTEN-S170IPGQRRYVYY	73	46
>PTEN-S170CIPSQRRYVY	74	>PTEN-S170IPGQRRYVY	244	170
>PTEN-S170CIPSQRRYVYY	31	>PTEN-S170IPGQRRYVYY	80	49
>PTEN-S170CIPSQRRYVY	7	>PTEN-S170IPGQRRYVY	44	37
>PTEN-S170CIPSQRRYVY	33	>PTEN-S170IPGQRRYVY	370	337
>PTEN-S170CIPSQRRYVYY	12	>PTEN-S170IPGQRRYVYY	92	80
>PTEN-S170CIPSQRRYVY	262	>PTEN-S170IPGQRRYVY	1433	1171
>PTEN-S170CTIPSQRRYV	225	>PTEN-S170TIPGQRRYV	57	168
>PTEN-S170CTIPSQRRY	437	>PTEN-S170TIPGQRRY	289	148
>PTEN-S170CTIPSQRRYVY	618	>PTEN-S170TIPGQRRYVY	419	199
>PTEN-S170CTIPSQRRYVY	290	>PTEN-S170TIPGQRRYVY	218	72
>PTEN-S170CTIPSQRRYVY	238	>PTEN-S170TIPGQRRYVY	198	40
>PTEN-S170CTIPSQRRYV	67	>PTEN-S170TIPGQRRYV	51	16
>PTEN-S170CVTIPSQRRYV	249	>PTEN-S170VTIPGQRRYV	153	96
>PTEN-S170CVTIPSQRRYV	286	>PTEN-S170VTIPGQRRYV	135	151
>PTEN-S170CVTIPSQRRYV	284	>PTEN-S170VTIPGQRRYV	502	218
>PTEN-S170CVTIPSQRRY	26	>PTEN-S170VTIPGQRRY	20	6
>PTEN-S170CVTIPSQRRYV	38	>PTEN-S170VTIPGQRRYV	30	8
>PTEN-S170CVTIPSQRRY	59	>PTEN-S170VTIPGQRRY	20	39
>PTEN-S170CVTIPSQRRYV	26	>PTEN-S170VTIPGQRRYV	15	11
>PTEN-S170CVTIPSQRRY	41	>PTEN-S170VTIPGQRRY	22	19
>PTEN-S170CVTIPSQRRYV	16	>PTEN-S170VTIPGQRRYV	12	4
>PTEN-S170CVTIPSQRR	135	>PTEN-S170VTIPGQRR	166	31
>PTEN-S170CVTIPSQRR	65	>PTEN-S170VTIPGQRR	172	107
>PTEN-S170CVTIPSQRRYV	225	>PTEN-S170VTIPGQRRYV	254	29
>PTEN-S170CVTIPSQRRY	1209	>PTEN-S170VTIPGQRRY	427	782
>PTEN-S170CVTIPSQRRYV	579	>PTEN-S170VTIPGQRRYV	304	275
>PTEN-S170CVTIPSQRRY	399	>PTEN-S170VTIPGQRRY	478	79
>PTEN-S170CVTIPSQRRYV	109	>PTEN-S170VTIPGQRRYV	126	17

>PTEN-S170C VTIPSQRRYV'	205	>PTEN-S170C VTIPGQRRYV	636	431
>PTEN-S170C VTIPSQRRY	3	>PTEN-S170C VTIPGQRRY	3	0
>PTEN-S170C VTIPSQRRYV	124	>PTEN-S170C VTIPGQRRYV	188	64
>PTEN-S170C VTIPSQRRYV'	4	>PTEN-S170C VTIPGQRRYV	4	0
>PTEN-S170C VTIPSQRRY	81	>PTEN-S170C VTIPGQRRY	298	217
>PTEN-S170C VTIPSQRRYV'	111	>PTEN-S170C VTIPGQRRYV	241	130
>PTEN-S170C VTIPSQRRY	122	>PTEN-S170C VTIPGQRRY	273	151
>PTEN-S170C VTIPSQRRYV'	76	>PTEN-S170C VTIPGQRRYV	108	32
>PTEN-S170C VTIPSQRRY	37	>PTEN-S170C VTIPGQRRY	26	11
>PTEN-S170C VTIPSQRRYV'	37	>PTEN-S170C VTIPGQRRYV	29	8
>PTEN-S170C VTIPSQRRYV'	256	>PTEN-S170C VTIPGQRRYV	1154	898
>PTEN-S170C GVTIPSQRRY'	123	>PTEN-S170C GVTIPGQRRY	123	0
>PTEN-S170C GVTIPSQR	457	>PTEN-S170C GVTIPGQR	929	472
>PTEN-S170C GVTIPSQR	210	>PTEN-S170C GVTIPGQR	543	333
>PTEN-S170C GVTIPSQRRY	172	>PTEN-S170C GVTIPGQRRY	424	252
>PTEN-S170C KGVTIPSQRR	155	>PTEN-S170C KGVTIPGQRR	97	58
>PTEN-S170C KGVTIPSQR	208	>PTEN-S170C KGVTIPGQR	610	402
>PTEN-S170C KGVTIPSQRR	202	>PTEN-S170C KGVTIPGQRR	479	277
>PTEN-S170C KGVTIPSQRR	227	>PTEN-S170C KGVTIPGQRR	475	248
>PTEN-S170C KGVTIPSQR	147	>PTEN-S170C KGVTIPGQR	149	2
>PTEN-S170C KGVTIPSQRR	120	>PTEN-S170C KGVTIPGQRR	192	72
>PTEN-S170C DKKGVTIPSQ	497	>PTEN-S170C DKKGVTIPGC	918	421
>PTEN-S170I SQRRYVYYY	308	>PTEN-S170I IQRRYVYYY	1844	1536
>PTEN-S170I SQRRYVYYY	137	>PTEN-S170I IQRRYVYYY	109	28
>PTEN-S170I SQRRYVYYYS	355	>PTEN-S170I IQRRYVYYYS\	282	73
>PTEN-S170I SQRRYVYY	72	>PTEN-S170I IQRRYVYY	194	122
>PTEN-S170I SQRRYVYYY	75	>PTEN-S170I IQRRYVYYY	193	118
>PTEN-S170I SQRRYVYYYS	152	>PTEN-S170I IQRRYVYYYS	404	252
>PTEN-S170I SQRRYVYYYS	104	>PTEN-S170I IQRRYVYYYS\	273	169
>PTEN-S170I SQRRYVYY	535	>PTEN-S170I IQRRYVYY	386	149
>PTEN-S170I SQRRYVYYY	83	>PTEN-S170I IQRRYVYYY	58	25
>PTEN-S170I SQRRYVYYYS	106	>PTEN-S170I IQRRYVYYYS\	78	28
>PTEN-S170I SQRRYVYYY	219	>PTEN-S170I IQRRYVYYY	247	28
>PTEN-S170I SQRRYVYYY	212	>PTEN-S170I IQRRYVYYY	414	202
>PTEN-S170I SQRRYVYY	41	>PTEN-S170I IQRRYVYY	51	10
>PTEN-S170I SQRRYVYYY	36	>PTEN-S170I IQRRYVYYY	45	9
>PTEN-S170I SQRRYVYYYS	34	>PTEN-S170I IQRRYVYYYS\	43	9
>PTEN-S170I SQRRYVYY	383	>PTEN-S170I IQRRYVYY	802	419
>PTEN-S170I SQRRYVYYYS	322	>PTEN-S170I IQRRYVYYYS\	702	380
>PTEN-S170I SQRRYVYY	4	>PTEN-S170I IQRRYVYY	3	1
>PTEN-S170I SQRRYVYYY	4	>PTEN-S170I IQRRYVYYY	3	1
>PTEN-S170I SQRRYVYYYS	947	>PTEN-S170I IQRRYVYYYS	288	659
>PTEN-S170I SQRRYVYYYS	3	>PTEN-S170I IQRRYVYYYS\	2	1

>PTEN-S170I·SQRRYVYYY	1083	>PTEN-S170I·IQRRYVYYY	426	657
>PTEN-S170I·SQRRYVYYYS	492	>PTEN-S170I·IQRRYVYYYS\	182	310
>PTEN-S170I·SQRRYVYYY	453	>PTEN-S170I·IQRRYVYYY	863	410
>PTEN-S170I·PSQRRYVYYY	186	>PTEN-S170I·PIQRRYVYYY	1181	995
>PTEN-S170I·PSQRRYVYYY	359	>PTEN-S170I·PIQRRYVYYY	691	332
>PTEN-S170I·PSQRRYVY	465	>PTEN-S170I·PIQRRYVY	832	367
>PTEN-S170I·PSQRRYVYYY	40	>PTEN-S170I·PIQRRYVYYY	165	125
>PTEN-S170I·PSQRRYVYYY	353	>PTEN-S170I·PIQRRYVYYY	5363	5010
>PTEN-S170I·TRDKKGV TIP\	9938	>PTEN-S170I·TRDKKGV TIP\	294	9644
>PTEN-S170I·IPSQRRYV	597	>PTEN-S170I·IPIQRRYV	44	553
>PTEN-S170I·IPSQRRYVY	2308	>PTEN-S170I·IPIQRRYVY	249	2059
>PTEN-S170I·IPSQRRYVYYY\	4585	>PTEN-S170I·IPIQRRYVYYY	373	4212
>PTEN-S170I·IPSQRRYVYYY\	288	>PTEN-S170I·IPIQRRYVYYY	82	206
>PTEN-S170I·IPSQRRYVY	183	>PTEN-S170I·IPIQRRYVY	300	117
>PTEN-S170I·IPSQRRYVYYY\	123	>PTEN-S170I·IPIQRRYVYYY	224	101
>PTEN-S170I·IPSQRRYV	22	>PTEN-S170I·IPIQRRYV	26	4
>PTEN-S170I·IPSQRRYVY	165	>PTEN-S170I·IPIQRRYVY	215	50
>PTEN-S170I·IPSQRRYVY	16	>PTEN-S170I·IPIQRRYVY	14	2
>PTEN-S170I·IPSQRRYVY	1086	>PTEN-S170I·IPIQRRYVY	314	772
>PTEN-S170I·IPSQRRYVYYY\	27	>PTEN-S170I·IPIQRRYVYYY	20	7
>PTEN-S170I·IPSQRRYVY	74	>PTEN-S170I·IPIQRRYVY	43	31
>PTEN-S170I·IPSQRRYVY	985	>PTEN-S170I·IPIQRRYVY	271	714
>PTEN-S170I·IPSQRRYVYYY\	31	>PTEN-S170I·IPIQRRYVYYY	20	11
>PTEN-S170I·IPSQRRYV	2798	>PTEN-S170I·IPIQRRYV	343	2455
>PTEN-S170I·IPSQRRYVY	7	>PTEN-S170I·IPIQRRYVY	7	0
>PTEN-S170I·IPSQRRYVYYY	33	>PTEN-S170I·IPIQRRYVYYY	29	4
>PTEN-S170I·IPSQRRYVYYY\	12	>PTEN-S170I·IPIQRRYVYYY	11	1
>PTEN-S170I·IPSQRRYVYYY	262	>PTEN-S170I·IPIQRRYVYYY	104	158
>PTEN-S170I·IPSQRRYVYYY\	518	>PTEN-S170I·IPIQRRYVYYY	202	316
>PTEN-S170I·TIPSQRRYV	225	>PTEN-S170I·TIPIQRRYV	356	131
>PTEN-S170I·TIPSQRRY	437	>PTEN-S170I·TIPIQRRY	2932	2495
>PTEN-S170I·TIPSQRRYVY\	290	>PTEN-S170I·TIPIQRRYVY	1823	1533
>PTEN-S170I·TIPSQRRYVY\	238	>PTEN-S170I·TIPIQRRYVY	349	111
>PTEN-S170I·TIPSQRRYV	67	>PTEN-S170I·TIPIQRRYV	167	100
>PTEN-S170I·VTIPSQRRYV	563	>PTEN-S170I·VTIPIQRRYV	479	84
>PTEN-S170I·VTIPSQRRYV	249	>PTEN-S170I·VTIPIQRRYV	182	67
>PTEN-S170I·VTIPSQRRYV	286	>PTEN-S170I·VTIPIQRRYV	329	43
>PTEN-S170I·VTIPSQRRYV\	284	>PTEN-S170I·VTIPIQRRYVY	327	43
>PTEN-S170I·VTIPSQRRY	26	>PTEN-S170I·VTIPIQRRY	44	18
>PTEN-S170I·VTIPSQRRYV\	38	>PTEN-S170I·VTIPIQRRYVY	52	14
>PTEN-S170I·VTIPSQRRY	59	>PTEN-S170I·VTIPIQRRY	19	40
>PTEN-S170I·VTIPSQRRYV\	26	>PTEN-S170I·VTIPIQRRYVY	15	11
>PTEN-S170I·VTIPSQRRY	41	>PTEN-S170I·VTIPIQRRY	20	21

>PTEN-S170I·VTIPSQRRYV'	16	>PTEN-S170I·VTIPIQRRYVY	11	5
>PTEN-S170I·VTIPSQRR	135	>PTEN-S170I·VTIPIQRR	57	78
>PTEN-S170I·VTIPSQRR	1245	>PTEN-S170I·VTIPIQRR	429	816
>PTEN-S170I·VTIPSQRR	65	>PTEN-S170I·VTIPIQRR	34	31
>PTEN-S170I·VTIPSQRRYV	225	>PTEN-S170I·VTIPIQRRYV	157	68
>PTEN-S170I·VTIPSQRRY	1209	>PTEN-S170I·VTIPIQRRY	94	1115
>PTEN-S170I·VTIPSQRRYV'	579	>PTEN-S170I·VTIPIQRRYVY	114	465
>PTEN-S170I·VTIPSQRRY	399	>PTEN-S170I·VTIPIQRRY	1537	1138
>PTEN-S170I·VTIPSQRRYV'	109	>PTEN-S170I·VTIPIQRRYVY	216	107
>PTEN-S170I·VTIPSQRRYV'	205	>PTEN-S170I·VTIPIQRRYVY	742	537
>PTEN-S170I·VTIPSQRRY	3	>PTEN-S170I·VTIPIQRRY	4	1
>PTEN-S170I·VTIPSQRRYV	124	>PTEN-S170I·VTIPIQRRYV	405	281
>PTEN-S170I·VTIPSQRRYV'	4	>PTEN-S170I·VTIPIQRRYVY	5	1
>PTEN-S170I·VTIPSQRRY	81	>PTEN-S170I·VTIPIQRRY	97	16
>PTEN-S170I·VTIPSQRRYV'	111	>PTEN-S170I·VTIPIQRRYVY	121	10
>PTEN-S170I·VTIPSQRRY	122	>PTEN-S170I·VTIPIQRRY	242	120
>PTEN-S170I·VTIPSQRRYV'	76	>PTEN-S170I·VTIPIQRRYVY	103	27
>PTEN-S170I·VTIPSQRRY	37	>PTEN-S170I·VTIPIQRRY	22	15
>PTEN-S170I·VTIPSQRRYV'	37	>PTEN-S170I·VTIPIQRRYVY	26	11
>PTEN-S170I·VTIPSQRRYV'	256	>PTEN-S170I·VTIPIQRRYVY	217	39
>PTEN-S170I·GVTIPSQRRY	623	>PTEN-S170I·GVTIPIQRRY	282	341
>PTEN-S170I·GVTIPSQRRY	123	>PTEN-S170I·GVTIPIQRRY	81	42
>PTEN-S170I·GVTIPSQR	457	>PTEN-S170I·GVTIPIQR	327	130
>PTEN-S170I·GVTIPSQR	953	>PTEN-S170I·GVTIPIQR	334	619
>PTEN-S170I·GVTIPSQR	210	>PTEN-S170I·GVTIPIQR	224	14
>PTEN-S170I·GVTIPSQRRY	172	>PTEN-S170I·GVTIPIQRRY	631	459
>PTEN-S170I·KGV TIPSQR	155	>PTEN-S170I·KGV T IPIQRR\	203	48
>PTEN-S170I·KGV TIPSQR	208	>PTEN-S170I·KGV T IPIQR	227	19
>PTEN-S170I·KGV TIPSQR	202	>PTEN-S170I·KGV T IPIQRR\	572	370
>PTEN-S170I·KGV TIPSQR	227	>PTEN-S170I·KGV T IPIQRR\	661	434
>PTEN-S170I·KGV TIPSQR	147	>PTEN-S170I·KGV T IPIQR	27	120
>PTEN-S170I·KGV TIPSQR	120	>PTEN-S170I·KGV T IPIQR	56	64
>PTEN-S170I·KKGVTIPS	3518	>PTEN-S170I·KKGVTIPI	123	3395
>PTEN-S170I·KKGVTIPSQR	609	>PTEN-S170I·KKGVTIPIQR	157	452
>PTEN-S170I·KKGVTIPSQR	511	>PTEN-S170I·KKGVTIPIQR\	308	203
>PTEN-S170I·DKKGVTIPSQ	497	>PTEN-S170I·DKKGVTIPIQI	638	141
>PTEN-S170I <sup>†</sup> SQRRYVYYY	308	>PTEN-S170I <sup>†</sup> NQRRYVYYY	604	296
>PTEN-S170I <sup>†</sup> SQRRYVYYY	137	>PTEN-S170I <sup>†</sup> NQRRYVYYY	371	234
>PTEN-S170I <sup>†</sup> SQRRYVYYYS	355	>PTEN-S170I <sup>†</sup> NQRRYVYYYS	899	544
>PTEN-S170I <sup>†</sup> SQRRYVYY	72	>PTEN-S170I <sup>†</sup> NQRRYVYY	2415	2343
>PTEN-S170I <sup>†</sup> SQRRYVYYY	75	>PTEN-S170I <sup>†</sup> NQRRYVYYY	2594	2519
>PTEN-S170I <sup>†</sup> SQRRYVYYYS	152	>PTEN-S170I <sup>†</sup> NQRRYVYYYS	4286	4134
>PTEN-S170I <sup>†</sup> SQRRYVYYYS	104	>PTEN-S170I <sup>†</sup> NQRRYVYYYS	3133	3029

>PTEN-S170M SQRRYVYYY	83	>PTEN-S170M NQRRYVYYY	403	320
>PTEN-S170M SQRRYVYYYS	106	>PTEN-S170M NQRRYVYYYS	513	407
>PTEN-S170M SQRRYVYYY	219	>PTEN-S170M NQRRYVYYY	1306	1087
>PTEN-S170M SQRRYVYYY	212	>PTEN-S170M NQRRYVYYY	1030	818
>PTEN-S170M SQRRYVYY	41	>PTEN-S170M NQRRYVYY	72	31
>PTEN-S170M SQRRYVYYY	36	>PTEN-S170M NQRRYVYYY	59	23
>PTEN-S170M SQRRYVYYYS	34	>PTEN-S170M NQRRYVYYYS	51	17
>PTEN-S170M SQRRYVYY	383	>PTEN-S170M NQRRYVYY	432	49
>PTEN-S170M SQRRYVYYYS	322	>PTEN-S170M NQRRYVYYYS	354	32
>PTEN-S170M SQRRYVYY	4	>PTEN-S170M NQRRYVYY	8	4
>PTEN-S170M SQRRYVYYY	4	>PTEN-S170M NQRRYVYYY	8	4
>PTEN-S170M SQRRYVYYYS	3	>PTEN-S170M NQRRYVYYYS	5	2
>PTEN-S170M SQRRYVYYY	1083	>PTEN-S170M NQRRYVYYY	156	927
>PTEN-S170M SQRRYVYYYS	492	>PTEN-S170M NQRRYVYYYS	72	420
>PTEN-S170M SQRRYVYYY	453	>PTEN-S170M NQRRYVYYY	706	253
>PTEN-S170M PSQRRYVYYY	186	>PTEN-S170M PNQRRYVYYY	4948	4762
>PTEN-S170M PSQRRYVYYY	359	>PTEN-S170M PNQRRYVYYY	1332	973
>PTEN-S170M PSQRRYVY	465	>PTEN-S170M PNQRRYVY	3332	2867
>PTEN-S170M PSQRRYVYYY	40	>PTEN-S170M PNQRRYVYYY	336	296
>PTEN-S170M PSQRRYVYYY	353	>PTEN-S170M PNQRRYVYYY	12433	12080
>PTEN-S170M IPSQRRYV	597	>PTEN-S170M IPNQRRYV	318	279
>PTEN-S170M IPSQRRYVYYY	288	>PTEN-S170M IPNQRRYVYY	455	167
>PTEN-S170M IPSQRRYVY	183	>PTEN-S170M IPNQRRYVY	174	9
>PTEN-S170M IPSQRRYVYYY	123	>PTEN-S170M IPNQRRYVYYY	121	2
>PTEN-S170M IPSQRRYV	22	>PTEN-S170M IPNQRRYV	27	5
>PTEN-S170M IPSQRRYVY	165	>PTEN-S170M IPNQRRYVY	238	73
>PTEN-S170M IPSQRRYVY	16	>PTEN-S170M IPNQRRYVY	16	0
>PTEN-S170M IPSQRRYVYYY	27	>PTEN-S170M IPNQRRYVYYY	27	0
>PTEN-S170M IPSQRRYVY	74	>PTEN-S170M IPNQRRYVY	63	11
>PTEN-S170M IPSQRRYVYYY	31	>PTEN-S170M IPNQRRYVYYY	27	4
>PTEN-S170M IPSQRRYVY	7	>PTEN-S170M IPNQRRYVY	8	1
>PTEN-S170M IPSQRRYVYY	33	>PTEN-S170M IPNQRRYVYY	35	2
>PTEN-S170M IPSQRRYVYYY	12	>PTEN-S170M IPNQRRYVYYY	13	1
>PTEN-S170M IPSQRRYVYY	262	>PTEN-S170M IPNQRRYVYY	202	60
>PTEN-S170M IPSQRRYVYYY	518	>PTEN-S170M IPNQRRYVYYY	403	115
>PTEN-S170M TIPSQRRYV	225	>PTEN-S170M TIPNQRRYV	231	6
>PTEN-S170M TIPSQRRY	437	>PTEN-S170M TIPNQRRY	1083	646
>PTEN-S170M TIPSQRRYVYY	290	>PTEN-S170M TIPNQRRYVY	803	513
>PTEN-S170M TIPSQRRYVY	238	>PTEN-S170M TIPNQRRYVY	359	121
>PTEN-S170M TIPSQRRYV	67	>PTEN-S170M TIPNQRRYV	93	26
>PTEN-S170M VTIPSQRRYV	249	>PTEN-S170M VTIPNQRRYV	137	112
>PTEN-S170M VTIPSQRRYV	286	>PTEN-S170M VTIPNQRRYV	225	61
>PTEN-S170M VTIPSQRRYV	284	>PTEN-S170M VTIPNQRRYV	468	184



>PTEN-S170MVTIPSQRRY	26	>PTEN-S170MVTIPNQRRY	20	6
>PTEN-S170MVTIPSQRRYV'	38	>PTEN-S170MVTIPNQRRYV	31	7
>PTEN-S170MVTIPSQRRY	59	>PTEN-S170MVTIPNQRRY	30	29
>PTEN-S170MVTIPSQRRYV'	26	>PTEN-S170MVTIPNQRRYV	19	7
>PTEN-S170MVTIPSQRRY	41	>PTEN-S170MVTIPNQRRY	33	8
>PTEN-S170MVTIPSQRRYV'	16	>PTEN-S170MVTIPNQRRYV	14	2
>PTEN-S170MVTIPSQRR	135	>PTEN-S170MVTIPNQRR	167	32
>PTEN-S170MVTIPSQRR	65	>PTEN-S170MVTIPNQRR	60	5
>PTEN-S170MVTIPSQRRYV	225	>PTEN-S170MVTIPNQRRYV	363	138
>PTEN-S170MVTIPSQRRY	399	>PTEN-S170MVTIPNQRRY	951	552
>PTEN-S170MVTIPSQRRYV'	109	>PTEN-S170MVTIPNQRRYV	166	57
>PTEN-S170MVTIPSQRRYV'	205	>PTEN-S170MVTIPNQRRYV	451	246
>PTEN-S170MVTIPSQRRY	3	>PTEN-S170MVTIPNQRRY	3	0
>PTEN-S170MVTIPSQRRYV	124	>PTEN-S170MVTIPNQRRYV	306	182
>PTEN-S170MVTIPSQRRYV'	4	>PTEN-S170MVTIPNQRRYV	4	0
>PTEN-S170MVTIPSQRRY	81	>PTEN-S170MVTIPNQRRY	144	63
>PTEN-S170MVTIPSQRRYV'	111	>PTEN-S170MVTIPNQRRYV	155	44
>PTEN-S170MVTIPSQRRY	122	>PTEN-S170MVTIPNQRRY	350	228
>PTEN-S170MVTIPSQRRYV'	76	>PTEN-S170MVTIPNQRRYV	121	45
>PTEN-S170MVTIPSQRRY	37	>PTEN-S170MVTIPNQRRY	152	115
>PTEN-S170MVTIPSQRRYV'	37	>PTEN-S170MVTIPNQRRYV	91	54
>PTEN-S170MVTIPSQRRYV'	256	>PTEN-S170MVTIPNQRRYV	759	503
>PTEN-S170MGVTIPSQRRY	123	>PTEN-S170MGVTIPNQRRY	152	29
>PTEN-S170MGVTIPSQR	457	>PTEN-S170MGVTIPNQR	573	116
>PTEN-S170MGVTIPSQR	210	>PTEN-S170MGVTIPNQR	197	13
>PTEN-S170MGVTIPSQRRY	172	>PTEN-S170MGVTIPNQRRY	683	511
>PTEN-S170MKGVTIPSQRR	155	>PTEN-S170MKGVTIPNQRR	142	13
>PTEN-S170MKGVTIPSQR	208	>PTEN-S170MKGVTIPNQR	339	131
>PTEN-S170MKGVTIPSQRR	202	>PTEN-S170MKGVTIPNQRR	638	436
>PTEN-S170MKGVTIPSQRR	227	>PTEN-S170MKGVTIPNQRR	786	559
>PTEN-S170MKGVTIPSQR	147	>PTEN-S170MKGVTIPNQR	114	33
>PTEN-S170MKGVTIPSQRR	120	>PTEN-S170MKGVTIPNQRR	96	24
>PTEN-S170MKGVTIPSQR	609	>PTEN-S170MKGVTIPNQR	377	232
>PTEN-S170MKGVTIPSQR	511	>PTEN-S170MKGVTIPNQR	382	129
>PTEN-S170MDKKGVTIPSQ	497	>PTEN-S170MDKKGVTIPNC	676	179
>PTEN-S179I-SYLLKNHL	13	>PTEN-S179I-IYLLKNHL	87	74
>PTEN-S179I-SYLLKNHL	959	>PTEN-S179I-IYLLKNHL	155	804
>PTEN-S179I-SYLLKNHL	810	>PTEN-S179I-IYLLKNHL	272	538
>PTEN-S179I-SYLLKNHL	12	>PTEN-S179I-IYLLKNHL	26	14
>PTEN-S179I-SYLLKNHLDY	499	>PTEN-S179I-IYLLKNHLDY	1144	645
>PTEN-S179I-SYLLKNHLDY	51	>PTEN-S179I-IYLLKNHLDY	37	14
>PTEN-S179I-SYLLKNHLDY	246	>PTEN-S179I-IYLLKNHLDY	190	56
>PTEN-S179I-SYLLKNHLDYI	15	>PTEN-S179I-IYLLKNHLDYF	16	1

>PTEN-S179I·SYLLKNHLDYI	82	>PTEN-S179I·IYLLKNHLDYF	27	55
>PTEN-S179I·SYLLKNHLDY	21	>PTEN-S179I·IYLLKNHLDY	36	15
>PTEN-S179I·SYLLKNHLDYI	15	>PTEN-S179I·IYLLKNHLDYF	15	0
>PTEN-S179I·SYLLKNHL	463	>PTEN-S179I·IYLLKNHL	1858	1395
>PTEN-S179I·YSYLLKNHL	16	>PTEN-S179I·YIYLLKNHL	21	5
>PTEN-S179I·YSYLLKNHLD'	125	>PTEN-S179I·YIYLLKNHLDY	2631	2506
>PTEN-S179I·YSYLLKNHL	1273	>PTEN-S179I·YIYLLKNHL	88	1185
>PTEN-S179I·YSYLLKNHL	8702	>PTEN-S179I·YIYLLKNHL	300	8402
>PTEN-S179I·YSYLLKNHL	3806	>PTEN-S179I·YIYLLKNHL	196	3610
>PTEN-S179I·YSYLLKNHL	7910	>PTEN-S179I·YIYLLKNHL	209	7701
>PTEN-S179I·YSYLLKNHL	11642	>PTEN-S179I·YIYLLKNHL	112	11530
>PTEN-S179I·YSYLLKNHL	19875	>PTEN-S179I·YIYLLKNHL	88	19787
>PTEN-S179I·YSYLLKNHLD'	15	>PTEN-S179I·YIYLLKNHLDY	10	5
>PTEN-S179I·YSYLLKNHLD'	71	>PTEN-S179I·YIYLLKNHLDY	27	44
>PTEN-S179I·YSYLLKNHLD'	164	>PTEN-S179I·YIYLLKNHLDY	177	13
>PTEN-S179I·YSYLLKNHLD'	1079	>PTEN-S179I·YIYLLKNHLDY	195	884
>PTEN-S179I·YSYLLKNHLD'	47	>PTEN-S179I·YIYLLKNHLDY	274	227
>PTEN-S179I·YSYLLKNH	289	>PTEN-S179I·YIYLLKNH	15204	14915
>PTEN-S179I·YSYLLKNHL	52	>PTEN-S179I·YIYLLKNHL	9866	9814
>PTEN-S179I·YSYLLKNHLD'	5	>PTEN-S179I·YIYLLKNHLDY	230	225
>PTEN-S179I·YSYLLKNHLD'	315	>PTEN-S179I·YIYLLKNHLDY	583	268
>PTEN-S179I·YSYLLKNHL	143	>PTEN-S179I·YIYLLKNHL	2185	2042
>PTEN-S179I·YSYLLKNHLD'	58	>PTEN-S179I·YIYLLKNHLDY	884	826
>PTEN-S179I·YSYLLKNHLD'	815	>PTEN-S179I·YIYLLKNHLDY	470	345
>PTEN-S179I·YYSYLLKNHL	49	>PTEN-S179I·YYIYLLKNHL	15	34
>PTEN-S179I·YYSYLLKNHL	115	>PTEN-S179I·YYIYLLKNHL	87	28
>PTEN-S179I·YYSYLLKNHL	108	>PTEN-S179I·YYIYLLKNHL	216	108
>PTEN-S179I·YYSYLLKNHL	8	>PTEN-S179I·YYIYLLKNHL	7	1
>PTEN-S179I·YYSYLLKNHL	10952	>PTEN-S179I·YYIYLLKNHL	497	10455
>PTEN-S179I·YYSYLLKNHL	117	>PTEN-S179I·YYIYLLKNHL	91	26
>PTEN-S179I·YYYSYLLKNHI	31	>PTEN-S179I·YYYIYLLKNHL	44	13
>PTEN-S179I·YYYSYLLKNHI	250	>PTEN-S179I·YYYIYLLKNHL	475	225
>PTEN-S179I·YYYSYLLKNHI	109	>PTEN-S179I·YYYIYLLKNHL	316	207
>PTEN-S179I·YYYSYLLK	387	>PTEN-S179I·YYYIYLLK	865	478
>PTEN-S179I·YYYSYLLK	85	>PTEN-S179I·YYYIYLLK	183	98
>PTEN-S179I·YYYSYLLK	59	>PTEN-S179I·YYYIYLLK	73	14
>PTEN-S179I·YYYSYLLKNHI	29	>PTEN-S179I·YYYIYLLKNHL	41	12
>PTEN-S179I·YYYSYLLK	399	>PTEN-S179I·YYYIYLLK	420	21
>PTEN-S179I·YYYSYLLKNHI	147	>PTEN-S179I·YYYIYLLKNHL	177	30
>PTEN-S179I·YYYSYLLK	127	>PTEN-S179I·YYYIYLLK	262	135
>PTEN-S179I·YYYSYLLKN	315	>PTEN-S179I·YYYIYLLKN	725	410
>PTEN-S179I·YYYSYLLKNHI	6	>PTEN-S179I·YYYIYLLKNHL	7	1
>PTEN-S179I·YYYSYLLK	269	>PTEN-S179I·YYYIYLLK	327	58

>PTEN-S179I·YYYSYLLK	125	>PTEN-S179I·YYYYYLLK	180	55
>PTEN-S179I·YYYSYLLK	211	>PTEN-S179I·YYYYYLLK	316	105
>PTEN-S179I·YYYSYLLK	364	>PTEN-S179I·YYYYYLLK	366	2
>PTEN-S179I·YYYSYLLK	81	>PTEN-S179I·YYYYYLLK	158	77
>PTEN-S179I·YYYSYLLK	50	>PTEN-S179I·YYYYYLLK	45	5
>PTEN-S179I·YYYSYLLKNHI	347	>PTEN-S179I·YYYYYLLKNHL	580	233
>PTEN-S179I·YYYSYLLKNHI	441	>PTEN-S179I·YYYYYLLKNHL	758	317
>PTEN-S179I·VYYYYSYLL	63	>PTEN-S179I·VYYYYYLL	55	8
>PTEN-S179I·VYYYYSYLL	411	>PTEN-S179I·VYYYYYLL	171	240
>PTEN-S179I·VYYYYSYLLK	105	>PTEN-S179I·VYYYYYLLK	160	55
>PTEN-S179I·VYYYYSYLLK	39	>PTEN-S179I·VYYYYYLLK	40	1
>PTEN-S179I·VYYYYSYLL	28	>PTEN-S179I·VYYYYYLL	17	11
>PTEN-S179I·VYYYYSYLLK	68	>PTEN-S179I·VYYYYYLLK	41	27
>PTEN-S179I·VYYYYSYLL	59	>PTEN-S179I·VYYYYYLL	43	16
>PTEN-S179I·VYYYYSYLLK	411	>PTEN-S179I·VYYYYYLLK	193	218
>PTEN-S179I·VYYYYSYLL	23	>PTEN-S179I·VYYYYYLL	20	3
>PTEN-S179I·VYYYYSYLLK	898	>PTEN-S179I·VYYYYYLLK	281	617
>PTEN-S179I·VYYYYSYLLK	23	>PTEN-S179I·VYYYYYLLK	52	29
>PTEN-S179I·VYYYYSYLLK	302	>PTEN-S179I·VYYYYYLLK	118	184
>PTEN-S179I·VYYYYSYLLK	1172	>PTEN-S179I·VYYYYYLLK	319	853
>PTEN-S179I·VYYYYSYLLK	585	>PTEN-S179I·VYYYYYLLK	240	345
>PTEN-S179I·VYYYYSYLL	234	>PTEN-S179I·VYYYYYLL	371	137
>PTEN-S179I·VYYYYSYLLK	155	>PTEN-S179I·VYYYYYLLK	64	91
>PTEN-S179I·VYYYYSYLL	353	>PTEN-S179I·VYYYYYLL	170	183
>PTEN-S179I·VYYYYSYLL	188	>PTEN-S179I·VYYYYYLL	154	34
>PTEN-S179I·YVYYYYSYL	4	>PTEN-S179I·YVYYYYIYL	10	6
>PTEN-S179I·YVYYYYSYLL	20	>PTEN-S179I·YVYYYYIYLL	22	2
>PTEN-S179I·YVYYYYSYL	10	>PTEN-S179I·YVYYYYIYL	8	2
>PTEN-S179I·YVYYYYSYLL	7	>PTEN-S179I·YVYYYYIYLL	7	0
>PTEN-S179I·YVYYYYSYL	4	>PTEN-S179I·YVYYYYIYL	6	2
>PTEN-S179I·YVYYYYSYLL	3	>PTEN-S179I·YVYYYYIYLL	3	0
>PTEN-S179I·YVYYYYSYL	9	>PTEN-S179I·YVYYYYIYL	15	6
>PTEN-S179I·YVYYYYSYLL	18	>PTEN-S179I·YVYYYYIYLL	12	6
>PTEN-S179I·YVYYYYSYL	8	>PTEN-S179I·YVYYYYIYL	8	0
>PTEN-S179I·YVYYYYSYLL	8	>PTEN-S179I·YVYYYYIYLL	8	0
>PTEN-S179I·YVYYYYSYL	5	>PTEN-S179I·YVYYYYIYL	4	1
>PTEN-S179I·YVYYYYSYLL	10	>PTEN-S179I·YVYYYYIYLL	4	6
>PTEN-S179I·YVYYYYSYL	21	>PTEN-S179I·YVYYYYIYL	21	0
>PTEN-S179I·YVYYYYSYLL	12	>PTEN-S179I·YVYYYYIYLL	12	0
>PTEN-S179I·YVYYYYSYL	42	>PTEN-S179I·YVYYYYIYL	25	17
>PTEN-S179I·YVYYYYSYLL	86	>PTEN-S179I·YVYYYYIYLL	46	40
>PTEN-S179I·YVYYYYSYL	99	>PTEN-S179I·YVYYYYIYL	81	18
>PTEN-S179I·YVYYYYSYLL	200	>PTEN-S179I·YVYYYYIYLL	98	102

>PTEN-S179I·YVYYYYSYL	12	>PTEN-S179I·YVYYYYIYL	9	3
>PTEN-S179I·YVYYYYSYLL	27	>PTEN-S179I·YVYYYYIYLL	10	17
>PTEN-S179I·YVYYYYSYLLK	8	>PTEN-S179I·YVYYYYIYLLK	9	1
>PTEN-S179I·YVYYYYSYLLK	7	>PTEN-S179I·YVYYYYIYLLK	8	1
>PTEN-S179I·YVYYYYSYLL	514	>PTEN-S179I·YVYYYYIYLL	307	207
>PTEN-S179I·YVYYYYSYL	193	>PTEN-S179I·YVYYYYIYL	123	70
>PTEN-S179I·YVYYYYSYLL	2715	>PTEN-S179I·YVYYYYIYLL	164	2551
>PTEN-S179I·YVYYYYSYLL	71	>PTEN-S179I·YVYYYYIYLL	145	74
>PTEN-S179I·YVYYYYSYLLK	41	>PTEN-S179I·YVYYYYIYLLK	81	40
>PTEN-S179I·YVYYYYSYLLK	165	>PTEN-S179I·YVYYYYIYLLK	162	3
>PTEN-S179I·YVYYYYSYLL	81	>PTEN-S179I·YVYYYYIYLL	238	157
>PTEN-S179I·YVYYYYSYLLK	274	>PTEN-S179I·YVYYYYIYLLK	298	24
>PTEN-S179I·YVYYYYSYL	377	>PTEN-S179I·YVYYYYIYL	556	179
>PTEN-S179I·YVYYYYSYLL	253	>PTEN-S179I·YVYYYYIYLL	225	28
>PTEN-S179I·YVYYYYSYLLK	6	>PTEN-S179I·YVYYYYIYLLK	5	1
>PTEN-S179I·YVYYYYSYL	21	>PTEN-S179I·YVYYYYIYL	19	2
>PTEN-S179I·YVYYYYSYLL	11	>PTEN-S179I·YVYYYYIYLL	8	3
>PTEN-S179I·YVYYYYSYL	17	>PTEN-S179I·YVYYYYIYL	15	2
>PTEN-S179I·YVYYYYSYLL	19	>PTEN-S179I·YVYYYYIYLL	31	12
>PTEN-S179I·YVYYYYSYL	279	>PTEN-S179I·YVYYYYIYL	790	511
>PTEN-S179I·YVYYYYSYLL	421	>PTEN-S179I·YVYYYYIYLL	1126	705
>PTEN-S179I·YVYYYYSYL	85	>PTEN-S179I·YVYYYYIYL	175	90
>PTEN-S179I·YVYYYYSYLL	255	>PTEN-S179I·YVYYYYIYLL	372	117
>PTEN-S179I·YVYYYYSYL	52	>PTEN-S179I·YVYYYYIYL	128	76
>PTEN-S179I·YVYYYYSYLL	84	>PTEN-S179I·YVYYYYIYLL	158	74
>PTEN-S179I·YVYYYYSYLL	219	>PTEN-S179I·YVYYYYIYLL	977	758
>PTEN-S179I·YVYYYYSYLL	75	>PTEN-S179I·YVYYYYIYLL	203	128
>PTEN-S179I·YVYYYYSYLL	63	>PTEN-S179I·YVYYYYIYLL	78	15
>PTEN-S179I·YVYYYYSYLL	51	>PTEN-S179I·YVYYYYIYLL	121	70
>PTEN-S179I·YVYYYYSYLLK	50	>PTEN-S179I·YVYYYYIYLLK	113	63
>PTEN-S179I·YVYYYYSYLLK	490	>PTEN-S179I·YVYYYYIYLLK	463	27
>PTEN-S179I·RYVYYYYSYL	51	>PTEN-S179I·RYVYYYYIYL	68	17
>PTEN-S179I·RYVYYYYSYL	340	>PTEN-S179I·RYVYYYYIYL	716	376
>PTEN-S179I·RYVYYYYSYLLK	94	>PTEN-S179I·RYVYYYYIYLLK	79	15
>PTEN-S179I·RYVYYYYSY	213	>PTEN-S179I·RYVYYYYIY	191	22
>PTEN-S179I·RYVYYYYSYL	42	>PTEN-S179I·RYVYYYYIYL	63	21
>PTEN-S179I·RYVYYYYSYLL	6	>PTEN-S179I·RYVYYYYIYLL	6	0
>PTEN-S179I·RYVYYYYSYLLK	105	>PTEN-S179I·RYVYYYYIYLLK	97	8
>PTEN-S179I·RYVYYYYSY	244	>PTEN-S179I·RYVYYYYIY	238	6
>PTEN-S179I·RYVYYYYSYL	56	>PTEN-S179I·RYVYYYYIYL	74	18
>PTEN-S179I·RYVYYYYSYLL	26	>PTEN-S179I·RYVYYYYIYLL	32	6
>PTEN-S179I·RYVYYYYSYLLK	271	>PTEN-S179I·RYVYYYYIYLLK	236	35
>PTEN-S179I·RYVYYYYSY	86	>PTEN-S179I·RYVYYYYIY	179	93

>PTEN-S179I RYVYYYYSYL	6	>PTEN-S179I RYVYYYYIYL	7	1
>PTEN-S179I RYVYYYYSYLL	10	>PTEN-S179I RYVYYYYIYLL	11	1
>PTEN-S179I RYVYYYYSYLLK	446	>PTEN-S179I RYVYYYYIYLLK	418	28
>PTEN-S179I RYVYYYYSY	18	>PTEN-S179I RYVYYYYIY	25	7
>PTEN-S179I RYVYYYYSYLL	222	>PTEN-S179I RYVYYYYIYLL	419	197
>PTEN-S179I RYVYYYYSYL	121	>PTEN-S179I RYVYYYYIYL	33	88
>PTEN-S179I RYVYYYYSYLL	348	>PTEN-S179I RYVYYYYIYLL	363	15
>PTEN-S179I RYVYYYYSYLLK	6	>PTEN-S179I RYVYYYYIYLLK	6	0
>PTEN-S179I RYVYYYYSY	39	>PTEN-S179I RYVYYYYIY	78	39
>PTEN-S179I RYVYYYYSYLL	410	>PTEN-S179I RYVYYYYIYLL	319	91
>PTEN-S179I RYVYYYYSY	484	>PTEN-S179I RYVYYYYIY	522	38
>PTEN-S179I RYVYYYYSYL	105	>PTEN-S179I RYVYYYYIYL	104	1
>PTEN-S179I RYVYYYYSYLLK	33	>PTEN-S179I RYVYYYYIYLLK	27	6
>PTEN-S179I RYVYYYYSY	88	>PTEN-S179I RYVYYYYIY	60	28
>PTEN-S179I RYVYYYYSY	77	>PTEN-S179I RYVYYYYIY	132	55
>PTEN-S179I RYVYYYYSYL	223	>PTEN-S179I RYVYYYYIYL	658	435
>PTEN-S179I RYVYYYYSYLL	420	>PTEN-S179I RYVYYYYIYLL	452	32
>PTEN-S179I RYVYYYYSYL	403	>PTEN-S179I RYVYYYYIYL	8973	8570
>PTEN-S179I RYVYYYYSY	127	>PTEN-S179I RYVYYYYIY	128	1
>PTEN-S179I RYVYYYYSYL	1563	>PTEN-S179I RYVYYYYIYL	408	1155
>PTEN-S179I RYVYYYYSYLLK	42	>PTEN-S179I RYVYYYYIYLLK	27	15
>PTEN-S179I RYVYYYYSYL	311	>PTEN-S179I RYVYYYYIYL	229	82
>PTEN-S179I RYVYYYYSYLL	195	>PTEN-S179I RYVYYYYIYLL	70	125
>PTEN-S179I RYVYYYYSY	356	>PTEN-S179I RYVYYYYIY	712	356
>PTEN-S179I RYVYYYYSYL	37	>PTEN-S179I RYVYYYYIYL	38	1
>PTEN-S179I RYVYYYYSYLL	32	>PTEN-S179I RYVYYYYIYLL	29	3
>PTEN-S179I RYVYYYYSYLLK	325	>PTEN-S179I RYVYYYYIYLLK	341	16
>PTEN-S179I RRYVYYYYS	2202	>PTEN-S179I RRYVYYYYI	159	2043
>PTEN-S179I RRYVYYYYSYLL	136	>PTEN-S179I RRYVYYYYIYLL	159	23
>PTEN-S179I RRYVYYYYSYL	429	>PTEN-S179I RRYVYYYYIYL	532	103
>PTEN-S179I RRYVYYYYSY	139	>PTEN-S179I RRYVYYYYIY	281	142
>PTEN-S179I RRYVYYYYSY	106	>PTEN-S179I RRYVYYYYIY	176	70
>PTEN-S179I RRYVYYYYSY	797	>PTEN-S179I RRYVYYYYIY	446	351
>PTEN-S179I RRYVYYYYS	704	>PTEN-S179I RRYVYYYYI	30	674
>PTEN-S179I RRYVYYYYSY	3	>PTEN-S179I RRYVYYYYIY	3	0
>PTEN-S179I RRYVYYYYSYL	8	>PTEN-S179I RRYVYYYYIYL	13	5
>PTEN-S179I RRYVYYYYSYLL	19	>PTEN-S179I RRYVYYYYIYLL	23	4
>PTEN-S179I RRYVYYYYS	69	>PTEN-S179I RRYVYYYYI	16	53
>PTEN-S179I RRYVYYYYSY	11	>PTEN-S179I RRYVYYYYIY	15	4
>PTEN-S179I RRYVYYYYSYL	7	>PTEN-S179I RRYVYYYYIYL	7	0
>PTEN-S179I RRYVYYYYSYLL	8	>PTEN-S179I RRYVYYYYIYLL	8	0
>PTEN-S179I RRYVYYYYSYL	325	>PTEN-S179I RRYVYYYYIYL	210	115
>PTEN-S179I RRYVYYYYSYLL	50	>PTEN-S179I RRYVYYYYIYLL	68	18

>PTEN-S179I RRYVYYYSYL	263	>PTEN-S179I RRYVYYYIYL	280	17
>PTEN-S179I RRYVYYYSYLL	106	>PTEN-S179I RRYVYYYIYLL	114	8
>PTEN-S179I RRYVYYYS	221	>PTEN-S179I RRYVYYYI	15	206
>PTEN-S179I RRYVYYYSY	47	>PTEN-S179I RRYVYYYIY	27	20
>PTEN-S179I RRYVYYYSYL	14	>PTEN-S179I RRYVYYYIYL	10	4
>PTEN-S179I RRYVYYYSYLL	11	>PTEN-S179I RRYVYYYIYLL	9	2
>PTEN-S179I RRYVYYYS	450	>PTEN-S179I RRYVYYYI	47	403
>PTEN-S179I RRYVYYYSY	33	>PTEN-S179I RRYVYYYIY	19	14
>PTEN-S179I RRYVYYYSYL	12	>PTEN-S179I RRYVYYYIYL	9	3
>PTEN-S179I RRYVYYYSYLL	3	>PTEN-S179I RRYVYYYIYLL	2	1
>PTEN-S179I RRYVYYYSY	231	>PTEN-S179I RRYVYYYIY	189	42
>PTEN-S179I RRYVYYYS	34611	>PTEN-S179I RRYVYYYI	219	34392
>PTEN-S179I QRRVYYYSY	405	>PTEN-S179I QRRVYYYIY	598	193
>PTEN-S179I QRRVYYYS	3809	>PTEN-S179I QRRVYYYI	203	3606
>PTEN-S179I QRRVYYYSY	15	>PTEN-S179I QRRVYYYIY	22	7
>PTEN-S179I QRRVYYYSY	44	>PTEN-S179I QRRVYYYIYI	90	46
>PTEN-S179I QRRVYYYS	3152	>PTEN-S179I QRRVYYYI	434	2718
>PTEN-S179I QRRVYYYSY	33	>PTEN-S179I QRRVYYYIY	25	8
>PTEN-S179I QRRVYYYSY	595	>PTEN-S179I QRRVYYYIYI	454	141
>PTEN-S179I QRRVYYYS	1391	>PTEN-S179I QRRVYYYI	175	1216
>PTEN-S179I QRRVYYYSY	41	>PTEN-S179I QRRVYYYIYI	35	6
>PTEN-S179I QRRVYYYS	5039	>PTEN-S179I QRRVYYYI	225	4814
>PTEN-S179I QRRVYYYSY	19	>PTEN-S179I QRRVYYYIYI	21	2
>PTEN-S179I SQRRVYYYS	25810	>PTEN-S179I SQRRVYYYI	137	25673
>PTEN-S179I SQRRVYYYS	9667	>PTEN-S179I SQRRVYYYI	229	9438
>PTEN-S179I SQRRVYYYS	11367	>PTEN-S179I SQRRVYYYI	412	10955
>PTEN-S179I SQRRVYYYS	10033	>PTEN-S179I SQRRVYYYI	238	9795
>PTEN-S179I SQRRVYYYS	355	>PTEN-S179I SQRRVYYYI\	559	204
>PTEN-S179I SQRRVYYYS	152	>PTEN-S179I SQRRVYYYI	16	136
>PTEN-S179I SQRRVYYYS	104	>PTEN-S179I SQRRVYYYI\	197	93
>PTEN-S179I SQRRVYYYS	106	>PTEN-S179I SQRRVYYYI\	163	57
>PTEN-S179I SQRRVYYYS	34	>PTEN-S179I SQRRVYYYI\	44	10
>PTEN-S179I SQRRVYYYS	322	>PTEN-S179I SQRRVYYYI\	381	59
>PTEN-S179I SQRRVYYYS	947	>PTEN-S179I SQRRVYYYI	31	916
>PTEN-S179I SQRRVYYYS	3	>PTEN-S179I SQRRVYYYI\	4	1
>PTEN-S179I SQRRVYYYS	492	>PTEN-S179I SQRRVYYYI\	870	378
>PTEN-S227F SNSGPTRR	1564	>PTEN-S227F FNSGPTRR	381	1183
>PTEN-S227F SSNSGPTR	477	>PTEN-S227F SFNSGPTR	9483	9006
>PTEN-S227F SSNSGPTR	47	>PTEN-S227F SFNSGPTR	21	26
>PTEN-S227F SSNSGPTR	129	>PTEN-S227F SFNSGPTR	887	758
>PTEN-S227F YSSNSGPTRR	1290	>PTEN-S227F YSFNSGPTRR	134	1156
>PTEN-S227F YSSNSGPT	2079	>PTEN-S227F YSFNSGPT	303	1776
>PTEN-S227F YSSNSGPTRR	842	>PTEN-S227F YSFNSGPTRR	228	614

>PTEN-S227FIYSSNSGPTRF	137	>PTEN-S227FIYFNSGPTRF	192	55
>PTEN-S227FIYSSNSGPTRF	467	>PTEN-S227FIYFNSGPTRF	256	211
>PTEN-S227FIYSSNSGPTRF	615	>PTEN-S227FIYFNSGPTRF	472	143
>PTEN-S227FIYSSNSGPTR	95	>PTEN-S227FIYFNSGPTR	99	4
>PTEN-S227FIYSSNSGPTRF	80	>PTEN-S227FIYFNSGPTRF	81	1
>PTEN-S227FIYSSNSGPTF	50	>PTEN-S227FIYFNSGPTF	54	4
>PTEN-S227FIYSSNSGPTF	121	>PTEN-S227FIYFNSGPTF	73	48
>PTEN-S227FIYSSNSGPTF	316	>PTEN-S227FIYFNSGPTF	359	43
>PTEN-S227FIYSSNSGPTF	12	>PTEN-S227FIYFNSGPTF	10	2
>PTEN-S227FIYSSNSGPTF	189	>PTEN-S227FIYFNSGPTF	135	54
>PTEN-S227FIYSSNSGPTF	466	>PTEN-S227FIYFNSGPTF	662	196
>PTEN-S227FIYSSNSGPTF	41	>PTEN-S227FIYFNSGPTF	23	18
>PTEN-S227FVKIYSSNS	338	>PTEN-S227FVKIYFNS	728	390
>PTEN-S227FVKIYSSNSGP	308	>PTEN-S227FVKIYFNSGP	289	19
>PTEN-S227FVKIYSSNS	115	>PTEN-S227FVKIYFNS	42	73
>PTEN-S227FVKIYSSNSG	14	>PTEN-S227FVKIYFNSG	15	1
>PTEN-S227FVKIYSSNSGI	192	>PTEN-S227FVKIYFNSGI	177	15
>PTEN-S227FLKVKIYSS	1482	>PTEN-S227FLKVKIYSF	3	1479
>PTEN-S227FLKVKIYSSNS	496	>PTEN-S227FLKVKIYSFNS	1449	953
>PTEN-S227FCQLKVKIYSS	19114	>PTEN-S227FCQLKVKIYSF	170	18944
>PTEN-S227FCQLKVKIYSS	6769	>PTEN-S227FCQLKVKIYSF	9	6760
>PTEN-S3381SPNFKVKLYF	136	>PTEN-S3381TPNFKVKLYF	201	65
>PTEN-S3381SPNFKVKL	224	>PTEN-S3381TPNFKVKL	1469	1245
>PTEN-S3381SPNFKVKLYF	97	>PTEN-S3381TPNFKVKLYF	137	40
>PTEN-S3381SPNFKVKLY	653	>PTEN-S3381TPNFKVKLY	271	382
>PTEN-S3381SPNFKVKLY	167	>PTEN-S3381TPNFKVKLY	446	279
>PTEN-S3381SPNFKVKLYF	880	>PTEN-S3381TPNFKVKLYF	403	477
>PTEN-S3381FSPNFKVKL	122	>PTEN-S3381FTPnFKVKL	341	219
>PTEN-S3381FSPNFKVKLY	238	>PTEN-S3381FTPnFKVKLY	137	101
>PTEN-S3381FSPNFKVKL	6207	>PTEN-S3381FTPnFKVKL	404	5803
>PTEN-S3381FSPNFKVKLYI	186	>PTEN-S3381FTPnFKVKLYI	43	143
>PTEN-S3381FSPNFKVKLY	3172	>PTEN-S3381FTPnFKVKLY	455	2717
>PTEN-S3381FSPNFKVKLYI	6847	>PTEN-S3381FTPnFKVKLYI	423	6424
>PTEN-S3381FSPNFKVKLY	701	>PTEN-S3381FTPnFKVKLY	458	243
>PTEN-S3381FSPNFKVKLY	138	>PTEN-S3381FTPnFKVKLY	131	7
>PTEN-S3381FSPNFKVK	695	>PTEN-S3381FTPnFKVK	167	528
>PTEN-S3381FSPNFKVKL	544	>PTEN-S3381FTPnFKVKL	44	500
>PTEN-S3381FSPNFKVKLYI	122	>PTEN-S3381FTPnFKVKLYI	363	241
>PTEN-S3381FSPNFKVKLY	493	>PTEN-S3381FTPnFKVKLY	310	183
>PTEN-S3381FSPNFKVKLYI	571	>PTEN-S3381FTPnFKVKLYI	376	195
>PTEN-S3381FSPNFKVKL	7	>PTEN-S3381FTPnFKVKL	4	3
>PTEN-S3381FSPNFKVKLY	84	>PTEN-S3381FTPnFKVKLY	30	54
>PTEN-S3381FSPNFKVKLYI	5	>PTEN-S3381FTPnFKVKLYI	3	2

>PTEN-S338TFSPNFKVKLY	191	>PTEN-S338TFTPNFKVKLY	80	111
>PTEN-S338TFSPNFKVKLYI	536	>PTEN-S338TFTPNFKVKLYI	191	345
>PTEN-S338TFSPNFKVKL	581	>PTEN-S338TFTPNFKVKL	485	96
>PTEN-S338TYFSPNFKV	149	>PTEN-S338TYFTPNFKV	674	525
>PTEN-S338TYFSPNFKV	274	>PTEN-S338TYFTPNFKV	397	123
>PTEN-S338TYFSPNFKV	347	>PTEN-S338TYFTPNFKV	280	67
>PTEN-S338TYFSPNFKV	18	>PTEN-S338TYFTPNFKV	14	4
>PTEN-S338TYFSPNFKV	183	>PTEN-S338TYFTPNFKV	237	54
>PTEN-S338TYFSPNFKVK	422	>PTEN-S338TYFTPNFKVK	563	141
>PTEN-S338TYFSPNFKVKL	14	>PTEN-S338TYFTPNFKVKL	14	0
>PTEN-S338TYFSPNFKVKL'	13	>PTEN-S338TYFTPNFKVKL'	12	1
>PTEN-S338TYFSPNFKVKL'	624	>PTEN-S338TYFTPNFKVKL'	433	191
>PTEN-S338TYFSPNFKVKL'	449	>PTEN-S338TYFTPNFKVKL'	347	102
>PTEN-S338TYFSPNFKVKL'	207	>PTEN-S338TYFTPNFKVKL'	259	52
>PTEN-S338TYFSPNFKVK	356	>PTEN-S338TYFTPNFKVK	346	10
>PTEN-S338TRYFSPNFKV	92	>PTEN-S338TRYFTPNFKV	243	151
>PTEN-S338TRYFSPNFK	143	>PTEN-S338TRYFTPNFK	174	31
>PTEN-S338TRYFSPNFK	41	>PTEN-S338TRYFTPNFK	47	6
>PTEN-S338TRYFSPNFKVK	196	>PTEN-S338TRYFTPNFKVK	512	316
>PTEN-S338TRYFSPNFKVK	412	>PTEN-S338TRYFTPNFKVK	476	64
>PTEN-S338TRYFSPNFK	208	>PTEN-S338TRYFTPNFK	426	218
>PTEN-S338TRYFSPNFKV	20	>PTEN-S338TRYFTPNFKV	39	19
>PTEN-S338TRYFSPNFKVK	104	>PTEN-S338TRYFTPNFKVK	214	110
>PTEN-S338TRYFSPNFKVK	5	>PTEN-S338TRYFTPNFKVK	6	1
>PTEN-S338TRYFSPNFK	5	>PTEN-S338TRYFTPNFK	4	1
>PTEN-S338TRYFSPNFKV	209	>PTEN-S338TRYFTPNFKV	167	42
>PTEN-S338TRYFSPNFKVK	9	>PTEN-S338TRYFTPNFKVK	9	0
>PTEN-S338TRYFSPNFKVK	448	>PTEN-S338TRYFTPNFKVK	374	74
>PTEN-S338TRYFSPNFK	15	>PTEN-S338TRYFTPNFK	18	3
>PTEN-S338TRYFSPNFKV	206	>PTEN-S338TRYFTPNFKV	414	208
>PTEN-S338TRYFSPNFKVK	342	>PTEN-S338TRYFTPNFKVK	643	301
>PTEN-S338TRYFSPNFKV	238	>PTEN-S338TRYFTPNFKV	265	27
>PTEN-S338TRYFSPNFKVK	48	>PTEN-S338TRYFTPNFKVK	55	7
>PTEN-S338TRYFSPNFK	23	>PTEN-S338TRYFTPNFK	17	6
>PTEN-S338TRYFSPNFKVK	24	>PTEN-S338TRYFTPNFKVK	18	6
>PTEN-S338TRYFSPNFKV	223	>PTEN-S338TRYFTPNFKV	397	174
>PTEN-S338TRYFSPNFKVK	319	>PTEN-S338TRYFTPNFKVK	495	176
>PTEN-S338TRYFSPNFK	157	>PTEN-S338TRYFTPNFK	204	47
>PTEN-S338TRYFSPNFKV	242	>PTEN-S338TRYFTPNFKV	389	147
>PTEN-S338TRYFSPNFKVK	185	>PTEN-S338TRYFTPNFKVK	272	87
>PTEN-S338NRYFSPNFK	331	>PTEN-S338NRYFTPNFK	421	90
>PTEN-S338NRYFSPNF	18	>PTEN-S338NRYFTPNF	29	11
>PTEN-S338NRYFSPNFKV	584	>PTEN-S338NRYFTPNFKV	437	147



>PTEN-S3381NRYFSPNFKV	221	>PTEN-S3381NRYFTP NFKV	273	52
>PTEN-S3381NRYFSPNFK	120	>PTEN-S3381NRYFTP NFK	74	46
>PTEN-S3381NRYFSPNFKV	151	>PTEN-S3381NRYFTP NFKV	106	45
>PTEN-S3381ANRYFSPNF	389	>PTEN-S3381ANRYFTP NF	451	62
>PTEN-S3381ANRYFSPNF	450	>PTEN-S3381ANRYFTP NF	718	268
>PTEN-S3381ANRYFSPNFK	4	>PTEN-S3381ANRYFTP NFK	4	0
>PTEN-S3381ANRYFSPNFK	174	>PTEN-S3381ANRYFTP NFK	206	32
>PTEN-S3381ANRYFSPNF	13	>PTEN-S3381ANRYFTP NF	13	0
>PTEN-S3381KANRYFSPNF	46	>PTEN-S3381KANRYFTP NF	53	7
>PTEN-S3381KANRYFSPNF	12	>PTEN-S3381KANRYFTP NF	15	3
>PTEN-S3381KANRYFSPNF	4	>PTEN-S3381KANRYFTP NF	5	1
>PTEN-S3381KANRYFSPNF	17	>PTEN-S3381KANRYFTP NF	16	1
>PTEN-S3381KANRYFSPNF	416	>PTEN-S3381KANRYFTP NF	170	246
>PTEN-S3381KANRYFSPNF	469	>PTEN-S3381KANRYFTP NF	597	128
>PTEN-S3381KANRYFSPNF	279	>PTEN-S3381KANRYFTP NF	452	173
>PTEN-S3381KANRYFSPNF	11	>PTEN-S3381KANRYFTP NF	12	1
>PTEN-S3381KANRYFSPNF	29	>PTEN-S3381KANRYFTP NF	47	18
>PTEN-S3381KANRYFSPNF	373	>PTEN-S3381KANRYFTP NF	361	12
>PTEN-S3381KANRYFSPNF	21	>PTEN-S3381KANRYFTP NF	20	1
>PTEN-S3381DKANRYFSPN	39	>PTEN-S3381DKANRYFTP N	41	2
>PTEN-S364CSTSVTPDV	172	>PTEN-S364CSTCVTPDV	912	740
>PTEN-S364CSTSVTPDV	364	>PTEN-S364CSTCVTPDV	1544	1180
>PTEN-S364CSTSVTPDV	260	>PTEN-S364CSTCVTPDV	974	714
>PTEN-S364CSSTSVTPDV	1098	>PTEN-S364CSSTCVTPDV	439	659
>PTEN-S364CSSSTSVTPDV	325	>PTEN-S364CSSSTCVTPDV	445	120
>PTEN-S364CSSSTSVTPDV	389	>PTEN-S364CSSSTCVTPDV	834	445
>PTEN-S364CASSSTSVTPD'	438	>PTEN-S364CASSSTCVTPD'	599	161
>PTEN-S364CEASSSTSV	12	>PTEN-S364CEASSSTCV	22	10
>PTEN-S364CEASSSTSV	27	>PTEN-S364CEASSSTCV	137	110
>PTEN-S364CEASSSTSV	491	>PTEN-S364CEASSSTCV	854	363
>PTEN-S364CNPEASSSTSV	130	>PTEN-S364CNPEASSSTCV	434	304
>PTEN-S364CNPEASSSTS	381	>PTEN-S364CNPEASSSTC	866	485
>PTEN-S364CNPEASSSTSV'	394	>PTEN-S364CNPEASSSTCV	595	201
>PTEN-S364CNPEASSSTSV	370	>PTEN-S364CNPEASSSTCV	486	116
>PTEN-S59P-SKHKNHYK	78	>PTEN-S59P-PKHKNHYK	1567	1489
>PTEN-S59P-SKHKNHYKI	129	>PTEN-S59P-PKHKNHYKI	1301	1172
>PTEN-S59P-SKHKNHYKIY	6	>PTEN-S59P-PKHKNHYKIY	36	30
>PTEN-S59P-DSKHKNHY	383	>PTEN-S59P-DPKHKNHY	4200	3817
>PTEN-S59P-DSKHKNHYK	121	>PTEN-S59P-DPKHKNHYK	14456	14335
>PTEN-S59P-DSKHKNHY	289	>PTEN-S59P-DPKHKNHY	4668	4379
>PTEN-S59P-DSKHKNHYK	342	>PTEN-S59P-DPKHKNHYK	10841	10499
>PTEN-S59P-DSKHKNHYK	155	>PTEN-S59P-DPKHKNHYK	1030	875
>PTEN-S59P-DSKHKNHYK	77	>PTEN-S59P-DPKHKNHYK	2338	2261

>PTEN-S59P- LDSKHKNHYK	229	>PTEN-S59P- LDPKHKNHYK	1048	819
>PTEN-S59P- FLDSKHKNHY	86	>PTEN-S59P- FLDPKHKNHY	186	100
>PTEN-S59P- FLDSKHKNHY	273	>PTEN-S59P- FLDPKHKNHY	230	43
>PTEN-S59P- FLDSKHKNHY	226	>PTEN-S59P- FLDPKHKNHY	95	131
>PTEN-S59P- RFLDSKHKNF	91	>PTEN-S59P- RFLDPKHKNF	67	24
>PTEN-S59P- RFLDSKHK	19	>PTEN-S59P- RFLDPKHK	46	27
>PTEN-S59P- RFLDSKHKNF	227	>PTEN-S59P- RFLDPKHKNF	305	78
>PTEN-S59P- RFLDSKHK	73	>PTEN-S59P- RFLDPKHK	101	28
>PTEN-S59P- RFLDSKHK	66	>PTEN-S59P- RFLDPKHK	81	15
>PTEN-S59P- VRFLDSKH	482	>PTEN-S59P- VRFLDPKH	496	14
>PTEN-S59P- VRFLDSKHK	137	>PTEN-S59P- VRFLDPKHK	121	16
>PTEN-S59P- VVRFLDSKHK	408	>PTEN-S59P- VVRFLDPKHK	843	435
>PTEN-S59P- VVRFLDSK	455	>PTEN-S59P- VVRFLDPK	257	198
>PTEN-S59P- VVRFLDSK	17	>PTEN-S59P- VVRFLDPK	10	7
>PTEN-S59P- VVRFLDSKHK	13	>PTEN-S59P- VVRFLDPKHK	12	1
>PTEN-S59P- VVRFLDSKH	57	>PTEN-S59P- VVRFLDPKH	1874	1817
>PTEN-S59P- DVVRFLDSK	493	>PTEN-S59P- DVVRFLDPK	254	239
>PTEN-S59P- DVVRFLDSKH	129	>PTEN-S59P- DVVRFLDPKH	133	4
>PTEN-S59P- DVVRFLDSK	18	>PTEN-S59P- DVVRFLDPK	23	5
>PTEN-S59P- DVVRFLDSKH	102	>PTEN-S59P- DVVRFLDPKH	138	36
>PTEN-T131/ TGVMICAYL	1039	>PTEN-T131/ AGVMICAYL	491	548
>PTEN-T131/ TGVMICAY	567	>PTEN-T131/ AGVMICAY	343	224
>PTEN-T131/ TGVMICAYL	267	>PTEN-T131/ AGVMICAYL	5932	5665
>PTEN-T131/ TGVMICAY	714	>PTEN-T131/ AGVMICAY	306	408
>PTEN-T131/ TGVMICAY	166	>PTEN-T131/ AGVMICAY	647	481
>PTEN-T131/ TGVMICAY	1635	>PTEN-T131/ AGVMICAY	415	1220
>PTEN-T131/ RTGVMICAY	243	>PTEN-T131/ RAGVMICAY	779	536
>PTEN-T131/ RTGVMICAYL	398	>PTEN-T131/ RAGVMICAYL	1956	1558
>PTEN-T131/ RTGVMICAY	169	>PTEN-T131/ RAGVMICAY	6518	6349
>PTEN-T131/ RTGVMICAYL	114	>PTEN-T131/ RAGVMICAYL	3678	3564
>PTEN-T131/ RTGVMICAYL	74	>PTEN-T131/ RAGVMICAYL	618	544
>PTEN-T131/ RTGVMICAY	228	>PTEN-T131/ RAGVMICAY	1827	1599
>PTEN-T131/ RTGVMICAY	70	>PTEN-T131/ RAGVMICAY	87	17
>PTEN-T131/ RTGVMICAY	767	>PTEN-T131/ RAGVMICAY	390	377
>PTEN-T131/ RTGVMICAY	13	>PTEN-T131/ RAGVMICAY	46	33
>PTEN-T131/ RTGVMICAYL	12	>PTEN-T131/ RAGVMICAYL	120	108
>PTEN-T131/ RTGVMICAYL	14	>PTEN-T131/ RAGVMICAYL	191	177
>PTEN-T131/ RTGVMICAY	5831	>PTEN-T131/ RAGVMICAY	339	5492
>PTEN-T131/ RTGVMICAY	205	>PTEN-T131/ RAGVMICAY	279	74
>PTEN-T131/ RTGVMICAYL	438	>PTEN-T131/ RAGVMICAYL	592	154
>PTEN-T131/ RTGVMICAYL	428	>PTEN-T131/ RAGVMICAYL	597	169
>PTEN-T131/ RTGVMICAYL	90	>PTEN-T131/ RAGVMICAYL	1069	979
>PTEN-T131/ RTGVMICAYL	56	>PTEN-T131/ RAGVMICAYL	675	619

>PTEN-T131/RTGVMICAY	378	>PTEN-T131/RAGVMICAY	4655	4277
>PTEN-T131/RTGVMICAYL	72	>PTEN-T131/RAGVMICAYL	4450	4378
>PTEN-T131/RTGVMICAYL	235	>PTEN-T131/RAGVMICAYL	3755	3520
>PTEN-T131/RTGVMICAYL	394	>PTEN-T131/RAGVMICAYL	3455	3061
>PTEN-T131/GRTGVMICA'	620	>PTEN-T131/GRAGVMICA'	312	308
>PTEN-T131/GRTGVMICA'	113	>PTEN-T131/GRAGVMICA'	143	30
>PTEN-T131/GRTGVMICA'	258	>PTEN-T131/GRAGVMICA'	238	20
>PTEN-T131/GRTGVMICA'	334	>PTEN-T131/GRAGVMICA'	337	3
>PTEN-T131/GRTGVMICA'	78	>PTEN-T131/GRAGVMICA'	52	26
>PTEN-T131/KGRTGVMIC	29	>PTEN-T131/KGRAGVMIC	21	8
>PTEN-T131/KGRTGVMIC	365	>PTEN-T131/KGRAGVMIC	223	142
>PTEN-T131/KGRTGVMIC/	21	>PTEN-T131/KGRAGVMIC/	16	5
>PTEN-T131/KGRTGVMIC/	38	>PTEN-T131/KGRAGVMIC/	26	12
>PTEN-T131/KGRTGVMIC/	314	>PTEN-T131/KGRAGVMIC/	378	64
>PTEN-T131/KGRTGVMIC/	165	>PTEN-T131/KGRAGVMIC/	94	71
>PTEN-T131/KGRTGVMIC/	174	>PTEN-T131/KGRAGVMIC/	185	11
>PTEN-T131/KGRTGVMIC/	135	>PTEN-T131/KGRAGVMIC/	74	61
>PTEN-T131/GKGRAGVMI	308	>PTEN-T131/GKGRAGVMI	884	576
>PTEN-T131/KAGKGRTGV	1139	>PTEN-T131/KAGKGRTGV	483	656
>PTEN-T131/KAGKGRTGV	135	>PTEN-T131/KAGKGRTGV	120	15
>PTEN-T131/HCKAGKGRAG	1478	>PTEN-T131/HCKAGKGRAG	428	1050
>PTEN-T131I TGVMICAY	567	>PTEN-T131I IGVMICAY	229	338
>PTEN-T131I TGVMICAYL	267	>PTEN-T131I IGVMICAYL	3803	3536
>PTEN-T131I TGVMICAY	714	>PTEN-T131I IGVMICAY	375	339
>PTEN-T131I TGVMICAY	166	>PTEN-T131I IGVMICAY	148	18
>PTEN-T131I TGVMICAYL	1647	>PTEN-T131I IGVMICAYL	463	1184
>PTEN-T131I RTGVMICAYL	886	>PTEN-T131I RIGVMICAYL	363	523
>PTEN-T131I RTGVMICAYL	583	>PTEN-T131I RIGVMICAYL	294	289
>PTEN-T131I RTGVMICAYL	1352	>PTEN-T131I RIGVMICAYL	398	954
>PTEN-T131I RTGVMICAYL	532	>PTEN-T131I RIGVMICAYL	247	285
>PTEN-T131I RTGVMICAYL	1073	>PTEN-T131I RIGVMICAYL	254	819
>PTEN-T131I RTGVMICAYL	4855	>PTEN-T131I RIGVMICAYL	192	4663
>PTEN-T131I RTGVMICAY	243	>PTEN-T131I RIGVMICAY	507	264
>PTEN-T131I RTGVMICAYL	398	>PTEN-T131I RIGVMICAYL	2352	1954
>PTEN-T131I RTGVMICAY	169	>PTEN-T131I RIGVMICAY	536	367
>PTEN-T131I RTGVMICAYL	114	>PTEN-T131I RIGVMICAYL	356	242
>PTEN-T131I RTGVMICAYL	74	>PTEN-T131I RIGVMICAYL	485	411
>PTEN-T131I RTGVMICAY	228	>PTEN-T131I RIGVMICAY	391	163
>PTEN-T131I RTGVMICAY	70	>PTEN-T131I RIGVMICAY	67	3
>PTEN-T131I RTGVMICAY	13	>PTEN-T131I RIGVMICAY	861	848
>PTEN-T131I RTGVMICAYL	12	>PTEN-T131I RIGVMICAYL	4537	4525
>PTEN-T131I RTGVMICAYL	14	>PTEN-T131I RIGVMICAYL	6139	6125
>PTEN-T131I RTGVMICAY	205	>PTEN-T131I RIGVMICAY	4421	4216

>PTEN-T131I RTGVMICAYL	438	>PTEN-T131I RIGVMICAYL	6019	5581
>PTEN-T131I RTGVMICAYL	428	>PTEN-T131I RIGVMICAYL	6624	6196
>PTEN-T131I RTGVMICAYL	90	>PTEN-T131I RIGVMICAYL	7612	7522
>PTEN-T131I RTGVMICAYL	56	>PTEN-T131I RIGVMICAYL	6139	6083
>PTEN-T131I RTGVMICAY	378	>PTEN-T131I RIGVMICAY	6657	6279
>PTEN-T131I RTGVMICAYL	72	>PTEN-T131I RIGVMICAYL	3729	3657
>PTEN-T131I RTGVMICAYL	235	>PTEN-T131I RIGVMICAYL	6109	5874
>PTEN-T131I RTGVMICAYL	394	>PTEN-T131I RIGVMICAYL	15001	14607
>PTEN-T131I GRTGVMICA'	620	>PTEN-T131I GRIGVMICAY	353	267
>PTEN-T131I GRTGVMICA'	113	>PTEN-T131I GRIGVMICAY	41	72
>PTEN-T131I GRTGVMICA'	258	>PTEN-T131I GRIGVMICAY	201	57
>PTEN-T131I GRTGVMICA'	334	>PTEN-T131I GRIGVMICAY	285	49
>PTEN-T131I GRTGVMICA'	78	>PTEN-T131I GRIGVMICAY	50	28
>PTEN-T131I KGRTGVM	29	>PTEN-T131I KGRIGVM	44	15
>PTEN-T131I KGRTGVMIC	365	>PTEN-T131I KGRIGVMIC	551	186
>PTEN-T131I KGRTGVMIC/	21	>PTEN-T131I KGRIGVMICA	27	6
>PTEN-T131I KGRTGVMIC/	38	>PTEN-T131I KGRIGVMICA	46	8
>PTEN-T131I KGRTGVMIC/	314	>PTEN-T131I KGRIGVMICA	294	20
>PTEN-T131I KGRTGVMIC/	165	>PTEN-T131I KGRIGVMICA	171	6
>PTEN-T131I KGRTGVMIC/	174	>PTEN-T131I KGRIGVMICA	443	269
>PTEN-T131I KGRTGVMIC/	135	>PTEN-T131I KGRIGVMICA	54	81
>PTEN-T131I GKRTGVM	308	>PTEN-T131I GKGRIGVM	1473	1165
>PTEN-T131I KAGKGRIGV	135	>PTEN-T131I KAGKGRIGV	154	19
>PTEN-T131I HCKAGKGRIC	1478	>PTEN-T131I HCKAGKGRIC	312	1166
>PTEN-T131I RTGVMICAYL	267	>PTEN-T131I RINGVMICAYL	372	105
>PTEN-T131I RTGVMICAY	166	>PTEN-T131I RINGVMICAY	144	22
>PTEN-T131I RTGVMICAY	243	>PTEN-T131I RINGVMICAY	2331	2088
>PTEN-T131I RTGVMICAYL	398	>PTEN-T131I RINGVMICAYL	4505	4107
>PTEN-T131I RTGVMICAY	169	>PTEN-T131I RINGVMICAY	14028	13859
>PTEN-T131I RTGVMICAYL	114	>PTEN-T131I RINGVMICAYL	9558	9444
>PTEN-T131I RTGVMICAYL	74	>PTEN-T131I RINGVMICAYL	5208	5134
>PTEN-T131I RTGVMICAY	228	>PTEN-T131I RINGVMICAY	4254	4026
>PTEN-T131I RTGVMICAY	70	>PTEN-T131I RINGVMICAY	212	142
>PTEN-T131I RTGVMICAY	13	>PTEN-T131I RINGVMICAY	9610	9597
>PTEN-T131I RTGVMICAYL	12	>PTEN-T131I RINGVMICAYL	16841	16829
>PTEN-T131I RTGVMICAYL	14	>PTEN-T131I RINGVMICAYL	17698	17684
>PTEN-T131I RTGVMICAY	205	>PTEN-T131I RINGVMICAY	15548	15343
>PTEN-T131I RTGVMICAYL	438	>PTEN-T131I RINGVMICAYL	16452	16014
>PTEN-T131I RTGVMICAYL	428	>PTEN-T131I RINGVMICAYL	17018	16590
>PTEN-T131I RTGVMICAYL	90	>PTEN-T131I RINGVMICAYL	11908	11818
>PTEN-T131I RTGVMICAYL	56	>PTEN-T131I RINGVMICAYL	9641	9585
>PTEN-T131I RTGVMICAY	378	>PTEN-T131I RINGVMICAY	7669	7291
>PTEN-T131I RTGVMICAYL	72	>PTEN-T131I RINGVMICAYL	10867	10795

>PTEN-T131 <sup>†</sup> RTGVMICAYL	235	>PTEN-T131 <sup>†</sup> RNGVMICAYI	7142	6907
>PTEN-T131 <sup>†</sup> RTGVMICAYL	394	>PTEN-T131 <sup>†</sup> RNGVMICAYI	8549	8155
>PTEN-T131 <sup>†</sup> GRTGVMICA'	113	>PTEN-T131 <sup>†</sup> GRNGVMICA	130	17
>PTEN-T131 <sup>†</sup> GRTGVMICA'	258	>PTEN-T131 <sup>†</sup> GRNGVMICA	354	96
>PTEN-T131 <sup>†</sup> GRTGVMICA'	334	>PTEN-T131 <sup>†</sup> GRNGVMICA	650	316
>PTEN-T131 <sup>†</sup> GRTGVMICA'	78	>PTEN-T131 <sup>†</sup> GRNGVMICA	133	55
>PTEN-T131 <sup>†</sup> KGRTGVMII	29	>PTEN-T131 <sup>†</sup> KGRNGVMI	33	4
>PTEN-T131 <sup>†</sup> KGRTGVMIC	365	>PTEN-T131 <sup>†</sup> KGRNGVMIC	374	9
>PTEN-T131 <sup>†</sup> KGRTGVMIC/	21	>PTEN-T131 <sup>†</sup> KGRNGVMIC.	22	1
>PTEN-T131 <sup>†</sup> KGRTGVMIC/	38	>PTEN-T131 <sup>†</sup> KGRNGVMIC.	38	0
>PTEN-T131 <sup>†</sup> KGRTGVMIC/	314	>PTEN-T131 <sup>†</sup> KGRNGVMIC.	278	36
>PTEN-T131 <sup>†</sup> KGRTGVMIC/	165	>PTEN-T131 <sup>†</sup> KGRNGVMIC.	104	61
>PTEN-T131 <sup>†</sup> KGRTGVMIC/	174	>PTEN-T131 <sup>†</sup> KGRNGVMIC.	153	21
>PTEN-T131 <sup>†</sup> KGRTGVMIC/	135	>PTEN-T131 <sup>†</sup> KGRNGVMIC.	134	1
>PTEN-T131 <sup>†</sup> KGRTGVMIC/	666	>PTEN-T131 <sup>†</sup> KGRNGVMIC.	356	310
>PTEN-T131 <sup>†</sup> GKGRNGVMI	308	>PTEN-T131 <sup>†</sup> GKGRNGVMI	712	404
>PTEN-T131 <sup>†</sup> KAGKGRNGV	135	>PTEN-T131 <sup>†</sup> KAGKGRNGV	232	97
>PTEN-T131 <sup>f</sup> TGVMICAYL	267	>PTEN-T131 <sup>f</sup> PGVMICAYL	14882	14615
>PTEN-T131 <sup>f</sup> TGVMICAY	166	>PTEN-T131 <sup>f</sup> PGVMICAY	2317	2151
>PTEN-T131 <sup>f</sup> RTGVMICAYL	36324	>PTEN-T131 <sup>f</sup> RPGVMICAYL	381	35943
>PTEN-T131 <sup>f</sup> RTGVMICAY	243	>PTEN-T131 <sup>f</sup> RPGVMICAY	4497	4254
>PTEN-T131 <sup>f</sup> RTGVMICAYL	398	>PTEN-T131 <sup>f</sup> RPGVMICAYL	12141	11743
>PTEN-T131 <sup>f</sup> RTGVMICAY	169	>PTEN-T131 <sup>f</sup> RPGVMICAY	22923	22754
>PTEN-T131 <sup>f</sup> RTGVMICAYL	114	>PTEN-T131 <sup>f</sup> RPGVMICAYL	18269	18155
>PTEN-T131 <sup>f</sup> RTGVMICAYL	74	>PTEN-T131 <sup>f</sup> RPGVMICAYL	16177	16103
>PTEN-T131 <sup>f</sup> RTGVMICAY	228	>PTEN-T131 <sup>f</sup> RPGVMICAY	6151	5923
>PTEN-T131 <sup>f</sup> RTGVMICAYL	21570	>PTEN-T131 <sup>f</sup> RPGVMICAYL	86	21484
>PTEN-T131 <sup>f</sup> RTGVMICAYL	18778	>PTEN-T131 <sup>f</sup> RPGVMICAYL	105	18673
>PTEN-T131 <sup>f</sup> RTGVMICAY	70	>PTEN-T131 <sup>f</sup> RPGVMICAY	2351	2281
>PTEN-T131 <sup>f</sup> RTGVMICAY	13	>PTEN-T131 <sup>f</sup> RPGVMICAY	10339	10326
>PTEN-T131 <sup>f</sup> RTGVMICAYL	12	>PTEN-T131 <sup>f</sup> RPGVMICAYL	16820	16808
>PTEN-T131 <sup>f</sup> RTGVMICAYL	14	>PTEN-T131 <sup>f</sup> RPGVMICAYL	16589	16575
>PTEN-T131 <sup>f</sup> RTGVMICAY	5831	>PTEN-T131 <sup>f</sup> RPGVMICAY	38	5793
>PTEN-T131 <sup>f</sup> RTGVMICAY	23762	>PTEN-T131 <sup>f</sup> RPGVMICAY	367	23395
>PTEN-T131 <sup>f</sup> RTGVMICAY	205	>PTEN-T131 <sup>f</sup> RPGVMICAY	19872	19667
>PTEN-T131 <sup>f</sup> RTGVMICAYL	438	>PTEN-T131 <sup>f</sup> RPGVMICAYL	20450	20012
>PTEN-T131 <sup>f</sup> RTGVMICAYL	428	>PTEN-T131 <sup>f</sup> RPGVMICAYL	20600	20172
>PTEN-T131 <sup>f</sup> RTGVMICAYL	90	>PTEN-T131 <sup>f</sup> RPGVMICAYL	7370	7280
>PTEN-T131 <sup>f</sup> RTGVMICAYL	56	>PTEN-T131 <sup>f</sup> RPGVMICAYL	5352	5296
>PTEN-T131 <sup>f</sup> RTGVMICAY	378	>PTEN-T131 <sup>f</sup> RPGVMICAY	8803	8425
>PTEN-T131 <sup>f</sup> RTGVMICAYL	72	>PTEN-T131 <sup>f</sup> RPGVMICAYL	16206	16134
>PTEN-T131 <sup>f</sup> RTGVMICAYL	235	>PTEN-T131 <sup>f</sup> RPGVMICAYL	9029	8794
>PTEN-T131 <sup>f</sup> RTGVMICAY	3713	>PTEN-T131 <sup>f</sup> RPGVMICAY	44	3669

>PTEN-T131FRTGVMICAYL	394	>PTEN-T131FRPGVMICAYL	12738	12344
>PTEN-T131FGRTGVMICA'	113	>PTEN-T131FGRPVMICA'	795	682
>PTEN-T131FGRTGVMICA'	258	>PTEN-T131FGRPVMICA'	1837	1579
>PTEN-T131FGRTGVMICA'	334	>PTEN-T131FGRPVMICA'	852	518
>PTEN-T131FGRTGVMICA'	78	>PTEN-T131FGRPVMICA'	85	7
>PTEN-T131FKGRTGVMIC	29	>PTEN-T131FKGRPVMIC	28	1
>PTEN-T131FKGRTGVMIC	365	>PTEN-T131FKGRPVMIC	229	136
>PTEN-T131FKGRTGVMIC/	21	>PTEN-T131FKGRPVMIC/	16	5
>PTEN-T131FKGRTGVMIC/	38	>PTEN-T131FKGRPVMIC/	26	12
>PTEN-T131FKGRTGVMIC/	314	>PTEN-T131FKGRPVMIC/	244	70
>PTEN-T131FKGRTGVMIC/	165	>PTEN-T131FKGRPVMIC/	98	67
>PTEN-T131FKGRTGVMIC/	174	>PTEN-T131FKGRPVMIC/	218	44
>PTEN-T131FKGRTGVMIC	2687	>PTEN-T131FKGRPVMIC	403	2284
>PTEN-T131FKGRTGVMIC/	135	>PTEN-T131FKGRPVMIC/	27	108
>PTEN-T131FKGRTGVMIC/	666	>PTEN-T131FKGRPVMIC/	491	175
>PTEN-T131FKGRTGVMIC	1059	>PTEN-T131FKGRPVMIC	246	813
>PTEN-T131FGKGRTPGVMIC	308	>PTEN-T131FGKGRTPGVMIC	623	315
>PTEN-T131FKAGKGRTPGV	1071	>PTEN-T131FKAGKGRTPGV	425	646
>PTEN-T131FKAGKGRTPGV	135	>PTEN-T131FKAGKGRTPGV	120	15
>PTEN-T131FHCKAGKGRTPGV	1478	>PTEN-T131FHCKAGKGRTPGV	256	1222
>PTEN-T160I RTRDCKGV	2097	>PTEN-T160I RTRDCKGV	350	1747
>PTEN-T160I RTRDCKGV	1918	>PTEN-T160I RTRDCKGV	51	1867
>PTEN-T160I RTRDCKGV	14	>PTEN-T160I RTRDCKGV	55	41
>PTEN-T160I RTRDCKGVT	71	>PTEN-T160I RTRDCKGVT	424	353
>PTEN-T160I RTRDCKGVTI	5	>PTEN-T160I RTRDCKGVTI	11	6
>PTEN-T160I RTRDCKGVTI	103	>PTEN-T160I RTRDCKGVTIF	628	525
>PTEN-T160I RTRDCKGVTI	120	>PTEN-T160I RTRDCKGVTI	308	188
>PTEN-T160I RTRDCKGV	26	>PTEN-T160I RTRDCKGV	5403	5377
>PTEN-T160I RTRDCKGVTI	5	>PTEN-T160I RTRDCKGVTI	349	344
>PTEN-T160I RTRDCKGVTI	100	>PTEN-T160I RTRDCKGVTI	5013	4913
>PTEN-T160I EALDFYGEVR	4121	>PTEN-T160I EALDFYGEVR	130	3991
>PTEN-T160I EALDFYGEVR	519	>PTEN-T160I EALDFYGEVR	34	485
>PTEN-T160I VRTRDCKGVT	873	>PTEN-T160I VRTRDCKGVT	398	475
>PTEN-T160I VRTRDCKGVT	595	>PTEN-T160I VRTRDCKGVT	481	114
>PTEN-T160I EVRTRDCK	81	>PTEN-T160I EVRTRDCK	96	15
>PTEN-T160I GEVTRDCKK	178	>PTEN-T160I GEVTRDCKK	135	43
>PTEN-T160I GEVTRDCKK	381	>PTEN-T160I GEVTRDCKK	317	64
>PTEN-T160I GEVTRDCKK	89	>PTEN-T160I GEVTRDCKK	47	42
>PTEN-T160I FYGEVRTR	163	>PTEN-T160I FYGEVRIR	377	214
>PTEN-T160I FYGEVRTR	107	>PTEN-T160I FYGEVRIR	117	10
>PTEN-T160I DFYGEVRTR	31	>PTEN-T160I DFYGEVRIR	84	53
>PTEN-T160I DFYGEVRTR	408	>PTEN-T160I DFYGEVRIR	676	268
>PTEN-T160I DFYGEVRTR	291	>PTEN-T160I DFYGEVRIR	246	45

>PTEN-T160I LDFYGEVRT	10760	>PTEN-T160I LDFYGEVRI	207	10553
>PTEN-T160I ALDFYGEVRT	308	>PTEN-T160I ALDFYGEVRI	16	292
>PTEN-T160I ALDFYGEVRT	6007	>PTEN-T160I ALDFYGEVRI	99	5908
>PTEN-T160I ALDFYGEVRT	2402	>PTEN-T160I ALDFYGEVRI	79	2323
>PTEN-T160I ALDFYGEVRT	416	>PTEN-T160I ALDFYGEVRI	42	374
>PTEN-T160S RTRDKKGV	14	>PTEN-T160S RSRDKKGV	25	11
>PTEN-T160S RTRDKKGV	71	>PTEN-T160S RSRDKKGV	162	91
>PTEN-T160S RTRDKKGV	5	>PTEN-T160S RSRDKKGV	6	1
>PTEN-T160S RTRDKKGV	103	>PTEN-T160S RSRDKKGV	230	127
>PTEN-T160S RTRDKKGV	120	>PTEN-T160S RSRDKKGV	390	270
>PTEN-T160S RTRDKKGV	26	>PTEN-T160S RSRDKKGV	40	14
>PTEN-T160S RTRDKKGV	5	>PTEN-T160S RSRDKKGV	6	1
>PTEN-T160S RTRDKKGV	100	>PTEN-T160S RSRDKKGV	280	180
>PTEN-T160S EVRTRDKK	81	>PTEN-T160S EVRSRDKK	54	27
>PTEN-T160S GEVTRDKK	178	>PTEN-T160S GEVRSRDKK	212	34
>PTEN-T160S GEVTRDKK	381	>PTEN-T160S GEVRSRDKK	370	11
>PTEN-T160S GEVTRDKK	89	>PTEN-T160S GEVRSRDKK	79	10
>PTEN-T160S FYGEVRTR	163	>PTEN-T160S FYGEVRSR	143	20
>PTEN-T160S FYGEVRTR	107	>PTEN-T160S FYGEVRSR	149	42
>PTEN-T160S DFYGEVRTR	31	>PTEN-T160S DFYGEVRSR	30	1
>PTEN-T160S DFYGEVRTR	408	>PTEN-T160S DFYGEVRSR	453	45
>PTEN-T160S DFYGEVRTR	291	>PTEN-T160S DFYGEVRSR	513	222
>PTEN-T160S ALDFYGEVRT	308	>PTEN-T160S ALDFYGEVRS	1563	1255
>PTEN-T160S ALDFYGEVRT	416	>PTEN-T160S ALDFYGEVRS	4655	4239
>PTEN-T167/ TIPSQRRYV	1464	>PTEN-T167/ AIPSQRRYV	322	1142
>PTEN-T167/ TIPSQRRYV	225	>PTEN-T167/ AIPSQRRYV	40	185
>PTEN-T167/ TIPSQRRY	437	>PTEN-T167/ AIPSQRRY	536	99
>PTEN-T167/ TIPSQRRYVY	290	>PTEN-T167/ AIPSQRRYVY	355	65
>PTEN-T167/ TIPSQRRYVY	238	>PTEN-T167/ AIPSQRRYVY	464	226
>PTEN-T167/ TIPSQRRY	641	>PTEN-T167/ AIPSQRRY	405	236
>PTEN-T167/ TIPSQRRYVY	597	>PTEN-T167/ AIPSQRRYVY	381	216
>PTEN-T167/ TIPSQRRYV	67	>PTEN-T167/ AIPSQRRYV	2049	1982
>PTEN-T167/ VTIPSQRRYV	249	>PTEN-T167/ VAIPSQRRYV	980	731
>PTEN-T167/ VTIPSQRRYV	286	>PTEN-T167/ VAIPSQRRYV	391	105
>PTEN-T167/ VTIPSQRRYV	284	>PTEN-T167/ VAIPSQRRYV	3117	2833
>PTEN-T167/ VTIPSQRRY	26	>PTEN-T167/ VAIPSQRRY	1477	1451
>PTEN-T167/ VTIPSQRRYV	38	>PTEN-T167/ VAIPSQRRYV	1620	1582
>PTEN-T167/ VTIPSQRRY	59	>PTEN-T167/ VAIPSQRRY	549	490
>PTEN-T167/ VTIPSQRRYV	26	>PTEN-T167/ VAIPSQRRYV	162	136
>PTEN-T167/ VTIPSQRRY	41	>PTEN-T167/ VAIPSQRRY	134	93
>PTEN-T167/ VTIPSQRRYV	16	>PTEN-T167/ VAIPSQRRYV	40	24
>PTEN-T167/ VTIPSQRR	135	>PTEN-T167/ VAIPSQRR	383	248
>PTEN-T167/ VTIPSQRR	65	>PTEN-T167/ VAIPSQRR	194	129

>PTEN-T167/VTIPSQRRYV	225	>PTEN-T167/VAIPSQRRYV	1785	1560
>PTEN-T167/VTIPSQRRY	399	>PTEN-T167/VAIPSQRRY	542	143
>PTEN-T167/VTIPSQRRYV'	109	>PTEN-T167/VAIPSQRRYV	143	34
>PTEN-T167/VTIPSQRRY	706	>PTEN-T167/VAIPSQRRY	337	369
>PTEN-T167/VTIPSQRRYV'	205	>PTEN-T167/VAIPSQRRYV	113	92
>PTEN-T167/VTIPSQRRY	3	>PTEN-T167/VAIPSQRRY	4	1
>PTEN-T167/VTIPSQRRYV	124	>PTEN-T167/VAIPSQRRYV	696	572
>PTEN-T167/VTIPSQRRYV'	4	>PTEN-T167/VAIPSQRRYV	7	3
>PTEN-T167/VTIPSQRRYV'	2122	>PTEN-T167/VAIPSQRRYV	120	2002
>PTEN-T167/VTIPSQRRY	81	>PTEN-T167/VAIPSQRRY	106	25
>PTEN-T167/VTIPSQRRYV'	111	>PTEN-T167/VAIPSQRRYV	148	37
>PTEN-T167/VTIPSQRRY	122	>PTEN-T167/VAIPSQRRY	172	50
>PTEN-T167/VTIPSQRRYV'	76	>PTEN-T167/VAIPSQRRYV	95	19
>PTEN-T167/VTIPSQRRY	37	>PTEN-T167/VAIPSQRRY	914	877
>PTEN-T167/VTIPSQRRYV'	37	>PTEN-T167/VAIPSQRRYV	809	772
>PTEN-T167/VTIPSQRRYV'	256	>PTEN-T167/VAIPSQRRYV	189	67
>PTEN-T167/GVTIPSQRRY	623	>PTEN-T167/GVAIPSQRRY	255	368
>PTEN-T167/GVTIPSQRRY	1023	>PTEN-T167/GVAIPSQRRY	483	540
>PTEN-T167/GVTIPSQRRY	123	>PTEN-T167/GVAIPSQRRY	112	11
>PTEN-T167/GVTIPSQRRY	765	>PTEN-T167/GVAIPSQRRY	299	466
>PTEN-T167/GVTIPSQR	457	>PTEN-T167/GVAIPSQR	434	23
>PTEN-T167/GVTIPSQR	210	>PTEN-T167/GVAIPSQR	155	55
>PTEN-T167/GVTIPSQRRY	1919	>PTEN-T167/GVAIPSQRRY	384	1535
>PTEN-T167/GVTIPSQRRY	172	>PTEN-T167/GVAIPSQRRY	103	69
>PTEN-T167/KGVTIPSQRR	155	>PTEN-T167/KGVAIPSQRR	185	30
>PTEN-T167/KGVTIPSQR	208	>PTEN-T167/KGVAIPSQR	133	75
>PTEN-T167/KGVTIPSQRR	202	>PTEN-T167/KGVAIPSQRR	98	104
>PTEN-T167/KGVTIPSQRR	227	>PTEN-T167/KGVAIPSQRR	297	70
>PTEN-T167/KGVTIPSQR	147	>PTEN-T167/KGVAIPSQR	137	10
>PTEN-T167/KGVTIPSQRR	120	>PTEN-T167/KGVAIPSQRR	115	5
>PTEN-T167/DKKGVTIPSQ	497	>PTEN-T167/DKKGVAIPSQ	749	252
>PTEN-T167/RDKKGVTI	179	>PTEN-T167/RDKKGVAI	88	91
>PTEN-T167/RTRDKKGVTI	71	>PTEN-T167/RTRDKKGVAI	7	64
>PTEN-T167/RTRDKKGVTI	5	>PTEN-T167/RTRDKKGVAI	5	0
>PTEN-T167/RTRDKKGVTI	103	>PTEN-T167/RTRDKKGVAI	32	71
>PTEN-T167/RTRDKKGVTI	120	>PTEN-T167/RTRDKKGVAI	221	101
>PTEN-T167/RTRDKKGVTI	5	>PTEN-T167/RTRDKKGVAI	7	2
>PTEN-T167/RTRDKKGVTI	100	>PTEN-T167/RTRDKKGVAI	275	175
>PTEN-T167I TIPSQRRYV	1464	>PTEN-T167I IIPSQRRYV	301	1163
>PTEN-T167I TIPSQRRYV	225	>PTEN-T167I IIPSQRRYV	58	167
>PTEN-T167I TIPSQRRY	437	>PTEN-T167I IIPSQRRY	2748	2311
>PTEN-T167I TIPSQRRYVYY	290	>PTEN-T167I IIPSQRRYVYY	2031	1741
>PTEN-T167I TIPSQRRYVYY	238	>PTEN-T167I IIPSQRRYVYY	174	64



>PTEN-T167I TIPSQRRY	641	>PTEN-T167I IIPSQRRY	252	389
>PTEN-T167I TIPSQRRYVY	597	>PTEN-T167I IIPSQRRYVY	244	353
>PTEN-T167I TIPSQRRYV	67	>PTEN-T167I IIPSQRRYV	1094	1027
>PTEN-T167I VTIPSQRRYV	563	>PTEN-T167I VIIPSQRRYV	217	346
>PTEN-T167I VTIPSQRRYV	249	>PTEN-T167I VIIPSQRRYV	53	196
>PTEN-T167I VTIPSQRRYV	286	>PTEN-T167I VIIPSQRRYV	11	275
>PTEN-T167I VTIPSQRRYV'	284	>PTEN-T167I VIIPSQRRYVY	1071	787
>PTEN-T167I VTIPSQRRY	26	>PTEN-T167I VIIPSQRRY	145	119
>PTEN-T167I VTIPSQRRYV'	38	>PTEN-T167I VIIPSQRRYVY	209	171
>PTEN-T167I VTIPSQRRY	59	>PTEN-T167I VIIPSQRRY	127	68
>PTEN-T167I VTIPSQRRYV'	26	>PTEN-T167I VIIPSQRRYVY	46	20
>PTEN-T167I VTIPSQRRY	41	>PTEN-T167I VIIPSQRRY	80	39
>PTEN-T167I VTIPSQRRYV'	16	>PTEN-T167I VIIPSQRRYVY	27	11
>PTEN-T167I VTIPSQRR	135	>PTEN-T167I VIIPSQRR	463	328
>PTEN-T167I VTIPSQRR	65	>PTEN-T167I VIIPSQRR	342	277
>PTEN-T167I VTIPSQRRYV	225	>PTEN-T167I VIIPSQRRYV	1770	1545
>PTEN-T167I VTIPSQRRY	399	>PTEN-T167I VIIPSQRRY	307	92
>PTEN-T167I VTIPSQRRYV'	109	>PTEN-T167I VIIPSQRRYVY	101	8
>PTEN-T167I VTIPSQRRYV'	205	>PTEN-T167I VIIPSQRRYVY	450	245
>PTEN-T167I VTIPSQRRY	3	>PTEN-T167I VIIPSQRRY	21	18
>PTEN-T167I VTIPSQRRYV	124	>PTEN-T167I VIIPSQRRYV	6621	6497
>PTEN-T167I VTIPSQRRYV'	4	>PTEN-T167I VIIPSQRRYVY	100	96
>PTEN-T167I VTIPSQRRY	81	>PTEN-T167I VIIPSQRRY	1989	1908
>PTEN-T167I VTIPSQRRYV'	111	>PTEN-T167I VIIPSQRRYVY	2748	2637
>PTEN-T167I VTIPSQRRY	122	>PTEN-T167I VIIPSQRRY	3671	3549
>PTEN-T167I VTIPSQRRYV'	76	>PTEN-T167I VIIPSQRRYVY	1204	1128
>PTEN-T167I VTIPSQRRY	37	>PTEN-T167I VIIPSQRRY	1738	1701
>PTEN-T167I VTIPSQRRYV'	37	>PTEN-T167I VIIPSQRRYVY	1480	1443
>PTEN-T167I VTIPSQRRY	1441	>PTEN-T167I VIIPSQRRY	436	1005
>PTEN-T167I VTIPSQRRYV'	256	>PTEN-T167I VIIPSQRRYVY	94	162
>PTEN-T167I GVTIPSQRRY	623	>PTEN-T167I GVIIPSQRRY	224	399
>PTEN-T167I GVTIPSQRRY	123	>PTEN-T167I GVIIPSQRRY	172	49
>PTEN-T167I GVTIPSQR	1062	>PTEN-T167I GVIIPSQR	339	723
>PTEN-T167I GVTIPSQRRY	5811	>PTEN-T167I GVIIPSQRRY	323	5488
>PTEN-T167I GVTIPSQRRY	765	>PTEN-T167I GVIIPSQRRY	208	557
>PTEN-T167I GVTIPSQR	457	>PTEN-T167I GVIIPSQR	274	183
>PTEN-T167I GVTIPSQR	210	>PTEN-T167I GVIIPSQR	214	4
>PTEN-T167I GVTIPSQRRY	172	>PTEN-T167I GVIIPSQRRY	37	135
>PTEN-T167I KGVTIPSQRR	155	>PTEN-T167I KGVIIPSQRRY	154	1
>PTEN-T167I KGVTIPSQR	208	>PTEN-T167I KGVIIPSQR	183	25
>PTEN-T167I KGVTIPSQRR	202	>PTEN-T167I KGVIIPSQRRY	64	138
>PTEN-T167I KGVTIPSQRR	227	>PTEN-T167I KGVIIPSQRRY	374	147
>PTEN-T167I KGVTIPSQR	147	>PTEN-T167I KGVIIPSQR	221	74

>PTEN-T167I KGV TIPSQRR	120	>PTEN-T167I KGV IIPSQRR	181	61
>PTEN-T167I KKGVTIPSQR	609	>PTEN-T167I KKGVIIPSQR	445	164
>PTEN-T167I KKGVTIPSQR	511	>PTEN-T167I KKGVIIPSQRf	353	158
>PTEN-T167I DKKGV TIPSQ	497	>PTEN-T167I DKKGV IIPSQf	339	158
>PTEN-T167I RD KKGVTI	179	>PTEN-T167I RD KKGVII	102	77
>PTEN-T167I RTRD KKGVT	71	>PTEN-T167I RTRD KKGVI	7	64
>PTEN-T167I RTRD KKGVTI	5	>PTEN-T167I RTRD KKGVII	5	0
>PTEN-T167I RTRD KKGVTI	103	>PTEN-T167I RTRD KKGVIIF	28	75
>PTEN-T167I RTRD KKGVTI	120	>PTEN-T167I RTRD KKGVII	853	733
>PTEN-T167I RTRD KKGVT	4137	>PTEN-T167I RTRD KKGVI	483	3654
>PTEN-T167I RTRD KKGVT	896	>PTEN-T167I RTRD KKGVI	10	886
>PTEN-T167I RTRD KKGVTI	5	>PTEN-T167I RTRD KKGVII	9	4
>PTEN-T167I RTRD KKGVT	620	>PTEN-T167I RTRD KKGVI	57	563
>PTEN-T167I RTRD KKGVTI	100	>PTEN-T167I RTRD KKGVII	85	15
>PTEN-T167I RTRD KKGVT	25935	>PTEN-T167I RTRD KKGVI	66	25869
>PTEN-T167F TIPSQRRYV	225	>PTEN-T167F PIPSQRRYV	1378	1153
>PTEN-T167F TIPSQRRY	437	>PTEN-T167F PIPSQRRY	2445	2008
>PTEN-T167F TIPSQRRYVY	290	>PTEN-T167F PIPSQRRYVY	1911	1621
>PTEN-T167F TIPSQRRYVY	238	>PTEN-T167F PIPSQRRYVY	750	512
>PTEN-T167F TIPSQRRYV	67	>PTEN-T167F PIPSQRRYV	8622	8555
>PTEN-T167F VTIPSQRRYV	19858	>PTEN-T167F VPIPSQRRYV	37	19821
>PTEN-T167F VTIPSQRRYV	249	>PTEN-T167F VPIPSQRRYV	13600	13351
>PTEN-T167F VTIPSQRRYV	286	>PTEN-T167F VPIPSQRRYV	16140	15854
>PTEN-T167F VTIPSQRRYV	284	>PTEN-T167F VPIPSQRRYV	20184	19900
>PTEN-T167F VTIPSQRRY	26	>PTEN-T167F VPIPSQRRY	3697	3671
>PTEN-T167F VTIPSQRRYV	38	>PTEN-T167F VPIPSQRRYV	3774	3736
>PTEN-T167F VTIPSQRRY	59	>PTEN-T167F VPIPSQRRY	2785	2726
>PTEN-T167F VTIPSQRRYV	26	>PTEN-T167F VPIPSQRRYV	981	955
>PTEN-T167F VTIPSQRRY	41	>PTEN-T167F VPIPSQRRY	1296	1255
>PTEN-T167F VTIPSQRRYV	16	>PTEN-T167F VPIPSQRRYV	306	290
>PTEN-T167F VTIPSQRR	135	>PTEN-T167F VPIPSQRR	8494	8359
>PTEN-T167F VTIPSQRR	65	>PTEN-T167F VPIPSQRR	4214	4149
>PTEN-T167F VTIPSQRRYV	225	>PTEN-T167F VPIPSQRRYV	20091	19866
>PTEN-T167F VTIPSQRRY	399	>PTEN-T167F VPIPSQRRY	10814	10415
>PTEN-T167F VTIPSQRRYV	109	>PTEN-T167F VPIPSQRRYV	4997	4888
>PTEN-T167F VTIPSQRRYV	205	>PTEN-T167F VPIPSQRRYV	785	580
>PTEN-T167F VTIPSQRRY	3	>PTEN-T167F VPIPSQRRY	722	719
>PTEN-T167F VTIPSQRRYV	124	>PTEN-T167F VPIPSQRRYV	21674	21550
>PTEN-T167F VTIPSQRRYV	4	>PTEN-T167F VPIPSQRRYV	3581	3577
>PTEN-T167F VTIPSQRRY	7262	>PTEN-T167F VPIPSQRRY	93	7169
>PTEN-T167F VTIPSQRRYV	2122	>PTEN-T167F VPIPSQRRYV	25	2097
>PTEN-T167F VTIPSQRRYV	17641	>PTEN-T167F VPIPSQRRYV	120	17521
>PTEN-T167F VTIPSQRRYV	19953	>PTEN-T167F VPIPSQRRYV	180	19773

>PTEN-T167FVTIPSQRRY	81	>PTEN-T167FVPIPSQRRY	14442	14361
>PTEN-T167FVTIPSQRRYV'	111	>PTEN-T167FVPIPSQRRYV'	15983	15872
>PTEN-T167FVTIPSQRRY	122	>PTEN-T167FVPIPSQRRY	19030	18908
>PTEN-T167FVTIPSQRRYV'	76	>PTEN-T167FVPIPSQRRYV'	15377	15301
>PTEN-T167FVTIPSQRRY	37	>PTEN-T167FVPIPSQRRY	3081	3044
>PTEN-T167FVTIPSQRRYV'	37	>PTEN-T167FVPIPSQRRYV'	2721	2684
>PTEN-T167FVTIPSQRRY	1441	>PTEN-T167FVPIPSQRRY	25	1416
>PTEN-T167FVTIPSQRRYV'	256	>PTEN-T167FVPIPSQRRYV'	10	246
>PTEN-T167FGVTIPSQRRY	623	>PTEN-T167FGVPIPSQRRY	381	242
>PTEN-T167FGVTIPSQRRY	123	>PTEN-T167FGVPIPSQRRY	232	109
>PTEN-T167FGVTIPSQR	457	>PTEN-T167FGVPIPSQR	2171	1714
>PTEN-T167FGVTIPSQR	210	>PTEN-T167FGVPIPSQR	1305	1095
>PTEN-T167FGVTIPSQRRY	172	>PTEN-T167FGVPIPSQRRY	2605	2433
>PTEN-T167FKGVTIPSQRR	155	>PTEN-T167FKGVPIPSQRR	139	16
>PTEN-T167FKGVTIPSQR	208	>PTEN-T167FKGVPIPSQR	140	68
>PTEN-T167FKGVTIPSQRR	202	>PTEN-T167FKGVPIPSQRR	21	181
>PTEN-T167FKGVTIPSQRR	1307	>PTEN-T167FKGVPIPSQRR	340	967
>PTEN-T167FKGVTIPSQRR	227	>PTEN-T167FKGVPIPSQRR	184	43
>PTEN-T167FKGVTIPSQR	147	>PTEN-T167FKGVPIPSQR	150	3
>PTEN-T167FKGVTIPSQRR	120	>PTEN-T167FKGVPIPSQRR	131	11
>PTEN-T167FDKKGVTIPSQ	497	>PTEN-T167FDKKGVPIPSQ	558	61
>PTEN-T167FRDKKGVTI	179	>PTEN-T167FRDKKGVPI	31	148
>PTEN-T167FRTRDKKGVT	71	>PTEN-T167FRTRDKKGVP	108	37
>PTEN-T167FRTRDKKGVTI	5	>PTEN-T167FRTRDKKGVPI	4	1
>PTEN-T167FRTRDKKGVTI	103	>PTEN-T167FRTRDKKGVPI	25	78
>PTEN-T167FRTRDKKGVTI	120	>PTEN-T167FRTRDKKGVPI	254	134
>PTEN-T167FRTRDKKGVTI	5	>PTEN-T167FRTRDKKGVPI	5	0
>PTEN-T167FRTRDKKGVTI	100	>PTEN-T167FRTRDKKGVPI	267	167
>PTEN-T167FVRTRDKKGVF	595	>PTEN-T167FVRTRDKKGVF	379	216
>PTEN-T167SIPSQRRYV	1464	>PTEN-T167SIPSQRRYV	243	1221
>PTEN-T167SIPSQRRYV	225	>PTEN-T167SIPSQRRYV	56	169
>PTEN-T167SIPSQRRY	437	>PTEN-T167SIPSQRRY	474	37
>PTEN-T167SIPSQRRYVY\	290	>PTEN-T167SIPSQRRYVY\	318	28
>PTEN-T167SIPSQRRYVY\	238	>PTEN-T167SIPSQRRYVY\	242	4
>PTEN-T167SIPSQRRY	641	>PTEN-T167SIPSQRRY	352	289
>PTEN-T167SIPSQRRYVY\	597	>PTEN-T167SIPSQRRYVY\	331	266
>PTEN-T167SIPSQRRYV	67	>PTEN-T167SIPSQRRYV	261	194
>PTEN-T167SVTIPSQRRYV	249	>PTEN-T167SVSIPSQRRYV	4305	4056
>PTEN-T167SVTIPSQRRYV	286	>PTEN-T167SVSIPSQRRYV	7699	7413
>PTEN-T167SVTIPSQRRYV'	284	>PTEN-T167SVSIPSQRRYV'	943	659
>PTEN-T167SVTIPSQRRY	26	>PTEN-T167SVSIPSQRRY	218	192
>PTEN-T167SVTIPSQRRYV'	38	>PTEN-T167SVSIPSQRRYV'	281	243
>PTEN-T167SVTIPSQRRY	59	>PTEN-T167SVSIPSQRRY	312	253

>PTEN-T167S VTIPSQRRYV'	26	>PTEN-T167S VSIPSQRRYV'	96	70
>PTEN-T167S VTIPSQRRY	41	>PTEN-T167S VSIPSQRRY	44	3
>PTEN-T167S VTIPSQRRYV'	16	>PTEN-T167S VSIPSQRRYV'	17	1
>PTEN-T167S VTIPSQRR	135	>PTEN-T167S VSIPSQRR	221	86
>PTEN-T167S VTIPSQRR	65	>PTEN-T167S VSIPSQRR	244	179
>PTEN-T167S VTIPSQRRYV	225	>PTEN-T167S VSIPSQRRYV	1067	842
>PTEN-T167S VTIPSQRRY	399	>PTEN-T167S VSIPSQRRY	325	74
>PTEN-T167S VTIPSQRRYV'	109	>PTEN-T167S VSIPSQRRYV'	99	10
>PTEN-T167S VTIPSQRRY	706	>PTEN-T167S VSIPSQRRY	186	520
>PTEN-T167S VTIPSQRRYV'	205	>PTEN-T167S VSIPSQRRYV'	61	144
>PTEN-T167S VTIPSQRRY	3	>PTEN-T167S VSIPSQRRY	3	0
>PTEN-T167S VTIPSQRRYV	124	>PTEN-T167S VSIPSQRRYV	171	47
>PTEN-T167S VTIPSQRRYV'	4	>PTEN-T167S VSIPSQRRYV'	4	0
>PTEN-T167S VTIPSQRRY	81	>PTEN-T167S VSIPSQRRY	77	4
>PTEN-T167S VTIPSQRRYV'	111	>PTEN-T167S VSIPSQRRYV'	103	8
>PTEN-T167S VTIPSQRRY	122	>PTEN-T167S VSIPSQRRY	53	69
>PTEN-T167S VTIPSQRRYV'	76	>PTEN-T167S VSIPSQRRYV'	40	36
>PTEN-T167S VTIPSQRRY	37	>PTEN-T167S VSIPSQRRY	107	70
>PTEN-T167S VTIPSQRRYV'	37	>PTEN-T167S VSIPSQRRYV'	107	70
>PTEN-T167S VTIPSQRRYV'	256	>PTEN-T167S VSIPSQRRYV'	590	334
>PTEN-T167S GVTIPSQRRY	623	>PTEN-T167S GVSIPSQRRY'	451	172
>PTEN-T167S GVTIPSQRRY	123	>PTEN-T167S GVSIPSQRRY'	172	49
>PTEN-T167S GVTIPSQR	1062	>PTEN-T167S GVSIPSQR	320	742
>PTEN-T167S GVTIPSQRRY	765	>PTEN-T167S GVSIPSQRRY	222	543
>PTEN-T167S GVTIPSQR	457	>PTEN-T167S GVSIPSQR	397	60
>PTEN-T167S GVTIPSQR	210	>PTEN-T167S GVSIPSQR	242	32
>PTEN-T167S GVTIPSQRRY	172	>PTEN-T167S GVSIPSQRRY	100	72
>PTEN-T167S GVTIPSQRRY	553	>PTEN-T167S GVSIPSQRRY	383	170
>PTEN-T167S KGV TIPSQRR	155	>PTEN-T167S KGVSIPSQRR'	85	70
>PTEN-T167S KGV TIPSQR	208	>PTEN-T167S KGVSIPSQR	101	107
>PTEN-T167S KGV TIPSQRR	202	>PTEN-T167S KGVSIPSQRR'	137	65
>PTEN-T167S KGV TIPSQRR	227	>PTEN-T167S KGVSIPSQRR'	98	129
>PTEN-T167S KGV TIPSQR	147	>PTEN-T167S KGVSIPSQR	194	47
>PTEN-T167S KGV TIPSQRR	120	>PTEN-T167S KGVSIPSQRR	160	40
>PTEN-T167S DKKGVTIPSQ	497	>PTEN-T167S DKKGVSIPSQ	536	39
>PTEN-T167S RDKKGVTI	179	>PTEN-T167S RDKKGVSI	227	48
>PTEN-T167S RTRD KKGVT	71	>PTEN-T167S RTRD KKGVS	34	37
>PTEN-T167S RTRD KKGVTI	5	>PTEN-T167S RTRD KKGVSI	5	0
>PTEN-T167S RTRD KKGVTI	103	>PTEN-T167S RTRD KKGVSI	50	53
>PTEN-T167S RTRD KKGVTI	120	>PTEN-T167S RTRD KKGVSI	222	102
>PTEN-T167S RTRD KKGVTI	5	>PTEN-T167S RTRD KKGVSI	6	1
>PTEN-T167S RTRD KKGVTI	100	>PTEN-T167S RTRD KKGVSI	91	9
>PTEN-T167S RTRD KKGVTI	1410	>PTEN-T167S RTRD KKGVSI	457	953

>PTEN-T26P- TYIYPNII	422	>PTEN-T26P- PYIYPNII	5875	5453
>PTEN-T26P- TYIYPNII	64	>PTEN-T26P- PYIYPNII	162	98
>PTEN-T26P- TYIYPNII	128	>PTEN-T26P- PYIYPNII	392	264
>PTEN-T26P- TYIYPNII	64	>PTEN-T26P- PYIYPNII	483	419
>PTEN-T26P- TYIYPNIIAM	317	>PTEN-T26P- PYIYPNIIAM	1806	1489
>PTEN-T26P- TYIYPNIIAM	36	>PTEN-T26P- PYIYPNIIAM	168	132
>PTEN-T26P- LTYIYPNI	4	>PTEN-T26P- LPYIYPNI	62	58
>PTEN-T26P- LTYIYPNII	234	>PTEN-T26P- LPYIYPNII	2861	2627
>PTEN-T26P- LTYIYPNIIAM	69	>PTEN-T26P- LPYIYPNIIAM	1029	960
>PTEN-T26P- LTYIYPNII	435	>PTEN-T26P- LPYIYPNII	775	340
>PTEN-T26P- LTYIYPNI	18501	>PTEN-T26P- LPYIYPNI	87	18414
>PTEN-T26P- LTYIYPNIIAM	25935	>PTEN-T26P- LPYIYPNIIAM	139	25796
>PTEN-T26P- LTYIYPNI	309	>PTEN-T26P- LPYIYPNI	15770	15461
>PTEN-T26P- LTYIYPNII	431	>PTEN-T26P- LPYIYPNII	15894	15463
>PTEN-T26P- LTYIYPNIIA	368	>PTEN-T26P- LPYIYPNIIA	9864	9496
>PTEN-T26P- LTYIYPNI	86	>PTEN-T26P- LPYIYPNI	10417	10331
>PTEN-T26P- LTYIYPNIIAM	239	>PTEN-T26P- LPYIYPNIIAM	10276	10037
>PTEN-T26P- LTYIYPNIIAM	320	>PTEN-T26P- LPYIYPNIIAM	15979	15659
>PTEN-T26P- LTYIYPNIIA	118	>PTEN-T26P- LPYIYPNIIA	19341	19223
>PTEN-T26P- LTYIYPNI	65	>PTEN-T26P- LPYIYPNI	1129	1064
>PTEN-T26P- LTYIYPNIIAM	326	>PTEN-T26P- LPYIYPNIIAM	2566	2240
>PTEN-T26P- LTYIYPNIIAM	10059	>PTEN-T26P- LPYIYPNIIAM	22	10037
>PTEN-T26P- LTYIYPNIIAM	368	>PTEN-T26P- LPYIYPNIIAM	9895	9527
>PTEN-T26P- LTYIYPNIIAM	98	>PTEN-T26P- LPYIYPNIIAM	411	313
>PTEN-T26P- LTYIYPNI	13	>PTEN-T26P- LPYIYPNI	14972	14959
>PTEN-T26P- LTYIYPNII	33	>PTEN-T26P- LPYIYPNII	19345	19312
>PTEN-T26P- LTYIYPNIIAM	5	>PTEN-T26P- LPYIYPNIIAM	7454	7449
>PTEN-T26P- LTYIYPNIIAM	134	>PTEN-T26P- LPYIYPNIIAM	8	126
>PTEN-T26P- LTYIYPNIIAM	7640	>PTEN-T26P- LPYIYPNIIAM	417	7223
>PTEN-T26P- LTYIYPNI	4317	>PTEN-T26P- LPYIYPNI	21	4296
>PTEN-T26P- LTYIYPNII	4167	>PTEN-T26P- LPYIYPNII	21	4146
>PTEN-T26P- LTYIYPNIIAM	15115	>PTEN-T26P- LPYIYPNIIAM	117	14998
>PTEN-T26P- LTYIYPNI	7125	>PTEN-T26P- LPYIYPNI	41	7084
>PTEN-T26P- LTYIYPNII	11696	>PTEN-T26P- LPYIYPNII	49	11647
>PTEN-T26P- LTYIYPNIIAM	13092	>PTEN-T26P- LPYIYPNIIAM	102	12990
>PTEN-T26P- LTYIYPNI	15475	>PTEN-T26P- LPYIYPNI	24	15451
>PTEN-T26P- LTYIYPNII	9384	>PTEN-T26P- LPYIYPNII	13	9371
>PTEN-T26P- LTYIYPNIIA	2553	>PTEN-T26P- LPYIYPNIIA	11	2542
>PTEN-T26P- LTYIYPNIIAM	21610	>PTEN-T26P- LPYIYPNIIAM	46	21564
>PTEN-T26P- LTYIYPNI	469	>PTEN-T26P- LPYIYPNI	20770	20301
>PTEN-T26P- LTYIYPNII	167	>PTEN-T26P- LPYIYPNII	9957	9790
>PTEN-T26P- LTYIYPNIIAM	111	>PTEN-T26P- LPYIYPNIIAM	7480	7369
>PTEN-T26P- LTYIYPNII	126	>PTEN-T26P- LPYIYPNII	8258	8132

>PTEN-T26P- LTYIYPNIIA	136	>PTEN-T26P- LPYIYPNIIA	18335	18199
>PTEN-T26P- LTYIYPNIIAM	74	>PTEN-T26P- LPYIYPNIIAM	4629	4555
>PTEN-T26P- LTYIYPNIIAM	14088	>PTEN-T26P- LPYIYPNIIAM	337	13751
>PTEN-T26P- LTYIYPNI	9	>PTEN-T26P- LPYIYPNI	253	244
>PTEN-T26P- LTYIYPNII	12	>PTEN-T26P- LPYIYPNII	465	453
>PTEN-T26P- LTYIYPNIIAM	147	>PTEN-T26P- LPYIYPNIIAM	8328	8181
>PTEN-T26P- YQEDGFDLDI	27	>PTEN-T26P- YQEDGFDLDI	279	252
>PTEN-T26P- DLTYIYPNI	384	>PTEN-T26P- DLPYIYPNI	1340	956
>PTEN-T26P- LDLYIYPNI	87	>PTEN-T26P- LDLPYIYPNI	126	39
>PTEN-T26P- LDLYIYPNII	90	>PTEN-T26P- LDLPYIYPNII	127	37
>PTEN-T26P- LDLYIYPNI	482	>PTEN-T26P- LDLPYIYPNI	894	412
>PTEN-T26P- LDLYIYPNII	52	>PTEN-T26P- LDLPYIYPNII	195	143
>PTEN-T26P- LDLYIYPNI	72	>PTEN-T26P- LDLPYIYPNI	55	17
>PTEN-T26P- LDLYIYPNII	27	>PTEN-T26P- LDLPYIYPNII	21	6
>PTEN-T26P- DLDLYIY	101	>PTEN-T26P- DLDLPYIY	382	281
>PTEN-T26P- DLDLYIYPNI	294	>PTEN-T26P- DLDLPYIYPNI	620	326
>PTEN-T26P- DLDLYIYPNI	480	>PTEN-T26P- DLDLPYIYPNI	819	339
>PTEN-T26P- DLDLYIYPNI	168	>PTEN-T26P- DLDLPYIYPNI	102	66
>PTEN-T26P- DLDLYIY	217	>PTEN-T26P- DLDLPYIY	181	36
>PTEN-T26P- FDLDLTYI	142	>PTEN-T26P- FDLDLPYI	244	102
>PTEN-T26P- FDLDLTYI	815	>PTEN-T26P- FDLDLPYI	358	457
>PTEN-T26P- FDLDLTYIY	21	>PTEN-T26P- FDLDLPYIY	21	0
>PTEN-T26P- FDLDLTYIY	147	>PTEN-T26P- FDLDLPYIY	377	230
>PTEN-T26P- FDLDLTYIY	123	>PTEN-T26P- FDLDLPYIY	370	247
>PTEN-T26P- FDLDLTYI	22	>PTEN-T26P- FDLDLPYI	32	10
>PTEN-T26P- FDLDLTYI	53	>PTEN-T26P- FDLDLPYI	89	36
>PTEN-T26P- GFDLDLTY	62	>PTEN-T26P- GFDLDLPY	46	16
>PTEN-T26P- GFDLDLTYIY	64	>PTEN-T26P- GFDLDLPYIY	73	9
>PTEN-T26P- GFDLDLTYIY	369	>PTEN-T26P- GFDLDLPYIY	354	15
>PTEN-T26P- GFDLDLTY	126	>PTEN-T26P- GFDLDLPY	329	203
>PTEN-T26P- DGFDLDLTY	122	>PTEN-T26P- DGFDLDLPY	90	32
>PTEN-T26P- DGFDLDLTYI\	160	>PTEN-T26P- DGFDLDLPYI\	152	8
>PTEN-T26P- DGFDLDLTYI\	458	>PTEN-T26P- DGFDLDLPYI\	743	285
>PTEN-T26P- DGFDLDLTY	300	>PTEN-T26P- DGFDLDLPY	304	4
>PTEN-T26P- DGFDLDLTYI\	299	>PTEN-T26P- DGFDLDLPYI\	473	174
>PTEN-T26P- DGFDLDLTY	37	>PTEN-T26P- DGFDLDLPY	26	11
>PTEN-T26P- DGFDLDLTYI\	76	>PTEN-T26P- DGFDLDLPYI\	120	44
>PTEN-T26P- QEDGFDLDLT	44	>PTEN-T26P- QEDGFDLDLF	30	14
>PTEN-T26P- QEDGFDLDLT	114	>PTEN-T26P- QEDGFDLDLF	157	43
>PTEN-T277I NTFIPGPE	323	>PTEN-T277I NIFFIPGPE	2158	1835
>PTEN-T277I NTFIPGPE	412	>PTEN-T277I NIFFIPGPE	3836	3424
>PTEN-T277I NTFIPGPEET	17	>PTEN-T277I NIFFIPGPEET	110	93
>PTEN-T277I KDKMFHFW\	5124	>PTEN-T277I KDKMFHFW\	449	4675

>PTEN-T277I KDKMFHFW\	395	>PTEN-T277I KDKMFHFW\	207	188
>PTEN-T277I KDKMFHFW\	5221	>PTEN-T277I KDKMFHFW\	156	5065
>PTEN-T277I FWVNTFFI	63	>PTEN-T277I FWVNIFFI	21	42
>PTEN-T277I FWVNTFFI	12	>PTEN-T277I FWVNIFFI	10	2
>PTEN-T277I FWVNTFFI	35	>PTEN-T277I FWVNIFFI	36	1
>PTEN-T277I FWVNTFFI	126	>PTEN-T277I FWVNIFFI	115	11
>PTEN-T277I FWVNTFFI	17	>PTEN-T277I FWVNIFFI	18	1
>PTEN-T277I FWVNTFFI	39	>PTEN-T277I FWVNIFFI	30	9
>PTEN-T277I FWVNTFFIP	203	>PTEN-T277I FWVNIFFIP	259	56
>PTEN-T277I FWVNTFFIPG	239	>PTEN-T277I FWVNIFFIPG	288	49
>PTEN-T277I HFWVNTFFI	139	>PTEN-T277I HFWVNIFFI	387	248
>PTEN-T277I HFWVNTFF	32	>PTEN-T277I HFWVNIFF	31	1
>PTEN-T277I HFWVNTFFI	40	>PTEN-T277I HFWVNIFFI	54	14
>PTEN-T277I HFWVNTFFI	202	>PTEN-T277I HFWVNIFFI	267	65
>PTEN-T277I HFWVNTFF	17	>PTEN-T277I HFWVNIFF	12	5
>PTEN-T277I HFWVNTFFI	13	>PTEN-T277I HFWVNIFFI	22	9
>PTEN-T277I HFWVNTFF	107	>PTEN-T277I HFWVNIFF	112	5
>PTEN-T277I HFWVNTFFI	281	>PTEN-T277I HFWVNIFFI	714	433
>PTEN-T277I HFWVNTFFI	289	>PTEN-T277I HFWVNIFFI	452	163
>PTEN-T277I HFWVNTFFI	358	>PTEN-T277I HFWVNIFFI	211	147
>PTEN-T277I HFWVNTFFI	920	>PTEN-T277I HFWVNIFFI	492	428
>PTEN-T277I HFWVNTFF	473	>PTEN-T277I HFWVNIFF	715	242
>PTEN-T277I HFWVNTFF	271	>PTEN-T277I HFWVNIFF	277	6
>PTEN-T277I HFWVNTFFI	520	>PTEN-T277I HFWVNIFFI	245	275
>PTEN-T277I FHFVWNTFFI	25	>PTEN-T277I FHFVWNIFFI	35	10
>PTEN-T277I FHFVWNTFFI	545	>PTEN-T277I FHFVWNIFFI	429	116
>PTEN-T277I FHFVWNTFFI	126	>PTEN-T277I FHFVWNIFFI	51	75
>PTEN-T277I FHFVWNTFFI	378	>PTEN-T277I FHFVWNIFFI	243	135
>PTEN-T277I FHFVWNTF	456	>PTEN-T277I FHFVWNIFF	927	471
>PTEN-T277I FHFVWNTF	93	>PTEN-T277I FHFVWNIFF	259	166
>PTEN-T277I FHFVWNTFF	326	>PTEN-T277I FHFVWNIFF	135	191
>PTEN-T277I FHFVWNTF	7	>PTEN-T277I FHFVWNIFF	8	1
>PTEN-T277I FHFVWNTFF	10	>PTEN-T277I FHFVWNIFF	16	6
>PTEN-T277I FHFVWNTF	483	>PTEN-T277I FHFVWNIFF	701	218
>PTEN-T277I FHFVWNTF	229	>PTEN-T277I FHFVWNIFF	562	333
>PTEN-T277I FHFVWNTF	32	>PTEN-T277I FHFVWNIFF	31	1
>PTEN-T277I FHFVWNTFF	214	>PTEN-T277I FHFVWNIFF	72	142
>PTEN-T277I FHFVWNTFFI	50	>PTEN-T277I FHFVWNIFFI	47	3
>PTEN-T277I FHFVWNTFF	128	>PTEN-T277I FHFVWNIFF	900	772
>PTEN-T277I FHFVWNTFFI	351	>PTEN-T277I FHFVWNIFFI	245	106
>PTEN-T277I FHFVWNTF	29	>PTEN-T277I FHFVWNIFF	30	1
>PTEN-T277I FHFVWNTFF	21	>PTEN-T277I FHFVWNIFF	26	5
>PTEN-T277I MFHFVWNTF	112	>PTEN-T277I MFHFVWNIFF	135	23

>PTEN-T277I MFHFWVNTF	462	>PTEN-T277I MFHFWVNIF	310	152
>PTEN-T277I MFHFWVNT	9217	>PTEN-T277I MFHFWVNI	57	9160
>PTEN-T277I MFHFWVNTF	17	>PTEN-T277I MFHFWVNIF	34	17
>PTEN-T277I MFHFWVNTF	391	>PTEN-T277I MFHFWVNIF	781	390
>PTEN-T277I MFHFWVNTF	42	>PTEN-T277I MFHFWVNIF	53	11
>PTEN-T277I MFHFWVNT	17541	>PTEN-T277I MFHFWVNI	472	17069
>PTEN-T277I MFHFWVNTF	48	>PTEN-T277I MFHFWVNIF	156	108
>PTEN-T277I MFHFWVNTF	369	>PTEN-T277I MFHFWVNIF	692	323
>PTEN-T277I MFHFWVNTF	106	>PTEN-T277I MFHFWVNIF	156	50
>PTEN-T277I MFHFWVNT	6887	>PTEN-T277I MFHFWVNI	78	6809
>PTEN-T277I MFHFWVNTF	8	>PTEN-T277I MFHFWVNIF	14	6
>PTEN-T277I MFHFWVNTF	13	>PTEN-T277I MFHFWVNIF	10	3
>PTEN-T277I MFHFWVNTF	15	>PTEN-T277I MFHFWVNIF	21	6
>PTEN-T277I MFHFWVNTF	152	>PTEN-T277I MFHFWVNIF	257	105
>PTEN-T277I MFHFWVNTF	163	>PTEN-T277I MFHFWVNIF	187	24
>PTEN-T277I MFHFWVNT	1803	>PTEN-T277I MFHFWVNI	82	1721
>PTEN-T277I MFHFWVNTF	24	>PTEN-T277I MFHFWVNIF	32	8
>PTEN-T277I MFHFWVNTF	198	>PTEN-T277I MFHFWVNIF	1960	1762
>PTEN-T277I MFHFWVNTF	256	>PTEN-T277I MFHFWVNIF	277	21
>PTEN-T277I MFHFWVNTF	363	>PTEN-T277I MFHFWVNIF	1263	900
>PTEN-T277I MFHFWVNTF	303	>PTEN-T277I MFHFWVNIF	361	58
>PTEN-T277I MFHFWVNTF	148	>PTEN-T277I MFHFWVNIF	505	357
>PTEN-T277I MFHFWVNTF	480	>PTEN-T277I MFHFWVNIF	756	276
>PTEN-T277I MFHFWVNTF	210	>PTEN-T277I MFHFWVNIF	362	152
>PTEN-T277I MFHFWVNTF	494	>PTEN-T277I MFHFWVNIF	955	461
>PTEN-T277I MFHFWVNT	492	>PTEN-T277I MFHFWVNI	164	328
>PTEN-T277I MFHFWVNTF	80	>PTEN-T277I MFHFWVNIF	123	43
>PTEN-T277I MFHFWVNTF	56	>PTEN-T277I MFHFWVNIF	44	12
>PTEN-T277I KMFHFWVNT	56	>PTEN-T277I KMFHFWVNI	13	43
>PTEN-T277I KMFHFWVNT	159	>PTEN-T277I KMFHFWVNI	152	7
>PTEN-T277I KMFHFWVNT	35	>PTEN-T277I KMFHFWVNI	10	25
>PTEN-T277I KMFHFWVNT	219	>PTEN-T277I KMFHFWVNI	142	77
>PTEN-T277I KMFHFWVNT	65	>PTEN-T277I KMFHFWVNI	10	55
>PTEN-T277I KMFHFWVNT	72	>PTEN-T277I KMFHFWVNI	149	77
>PTEN-T277I KMFHFWVNT	183	>PTEN-T277I KMFHFWVNI	17	166
>PTEN-T277I KMFHFWVNT	107	>PTEN-T277I KMFHFWVNI	22	85
>PTEN-T277I KMFHFWVNT	110	>PTEN-T277I KMFHFWVNI	124	14
>PTEN-T277I KMFHFWVNT	22	>PTEN-T277I KMFHFWVNI	3	19
>PTEN-T277I KMFHFWVNT	29	>PTEN-T277I KMFHFWVNI	196	167
>PTEN-T277I KMFHFWVNT	45	>PTEN-T277I KMFHFWVNI	29	16
>PTEN-T277I KMFHFWVNT	996	>PTEN-T277I KMFHFWVNI	23	973
>PTEN-T277I KMFHFWVNT	130	>PTEN-T277I KMFHFWVNI	11	119
>PTEN-T277I KMFHFWVNT	652	>PTEN-T277I KMFHFWVNI	61	591



>PTEN-T277I KMFHFVVNI	357	>PTEN-T277I KMFHFVVNI	269	88
>PTEN-T277I KMFHFVVNI	379	>PTEN-T277I KMFHFVVNI	392	13
>PTEN-T277I KMFHFVVNI	456	>PTEN-T277I KMFHFVVNI	391	65
>PTEN-T277I KMFHFVVNI	133	>PTEN-T277I KMFHFVVNI	476	343
>PTEN-T277I KMFHFVVNI	543	>PTEN-T277I KMFHFVVNI	311	232
>PTEN-T277I KMFHFVVNI	175	>PTEN-T277I KMFHFVVNI	117	58
>PTEN-T277I KMFHFVVNI	397	>PTEN-T277I KMFHFVVNI	16	381
>PTEN-T277I KMFHFVVNI	807	>PTEN-T277I KMFHFVVNI	181	626
>PTEN-T277I KMFHFVVNI	444	>PTEN-T277I KMFHFVVNI	512	68
>PTEN-T277I KMFHFVVNI	433	>PTEN-T277I KMFHFVVNI	281	152
>PTEN-T277I KMFHFVVNI	89	>PTEN-T277I KMFHFVVNI	95	6
>PTEN-T277I KMFHFVVNI	202	>PTEN-T277I KMFHFVVNI	6	196
>PTEN-T277I KMFHFVVNI	3	>PTEN-T277I KMFHFVVNI	6	3
>PTEN-T277I KMFHFVVNI	7	>PTEN-T277I KMFHFVVNI	6	1
>PTEN-T277I KMFHFVVNI	34	>PTEN-T277I KMFHFVVNI	41	7
>PTEN-T277I KMFHFVVNI	43	>PTEN-T277I KMFHFVVNI	55	12
>PTEN-T277I KMFHFVVNI	165	>PTEN-T277I KMFHFVVNI	191	26
>PTEN-T277I KMFHFVVNI	248	>PTEN-T277I KMFHFVVNI	350	102
>PTEN-T277I KMFHFVVNI	103	>PTEN-T277I KMFHFVVNI	8	95
>PTEN-T277I KMFHFVVNI	2	>PTEN-T277I KMFHFVVNI	2	0
>PTEN-T277I KMFHFVVNI	3	>PTEN-T277I KMFHFVVNI	3	0
>PTEN-T277I KMFHFVVNI	32	>PTEN-T277I KMFHFVVNI	146	114
>PTEN-T277I KMFHFVVNI	67	>PTEN-T277I KMFHFVVNI	89	22
>PTEN-T277I KMFHFVVNI	121	>PTEN-T277I KMFHFVVNI	264	143
>PTEN-T277I KMFHFVVNI	232	>PTEN-T277I KMFHFVVNI	241	9
>PTEN-T277I KMFHFVVNI	38	>PTEN-T277I KMFHFVVNI	41	3
>PTEN-T277I KMFHFVVNI	28	>PTEN-T277I KMFHFVVNI	33	5
>PTEN-T277I KMFHFVVNI	100	>PTEN-T277I KMFHFVVNI	358	258
>PTEN-T277I KMFHFVVNI	5795	>PTEN-T277I KMFHFVVNI	253	5542
>PTEN-T277I KMFHFVVNI	214	>PTEN-T277I KMFHFVVNI	516	302
>PTEN-T277I KMFHFVVNI	30793	>PTEN-T277I KMFHFVVNI	63	30730
>PTEN-T277I DKMFHFVVNI	6654	>PTEN-T277I DKMFHFVVNI	457	6197
>PTEN-T277I DKMFHFVVNI	19	>PTEN-T277I DKMFHFVVNI	34	15
>PTEN-T277I DKMFHFVVNI	190	>PTEN-T277I DKMFHFVVNI	509	319
>PTEN-T2I-w TAIKEIVSR	406	>PTEN-T2I-m IAIKEIVSR	358	48
>PTEN-T2I-w TAIKEIVSR	24	>PTEN-T2I-m IAIKEIVSR	82	58
>PTEN-T2I-w TAIKEIV	224	>PTEN-T2I-m IAIKEIV	2310	2086
>PTEN-T2I-w MTAIKEI	121	>PTEN-T2I-m MIAIKEI	37	84
>PTEN-T2I-w MTAIKEIV	86	>PTEN-T2I-m MIAIKEIV	25	61
>PTEN-T2I-w MTAIKEI	601	>PTEN-T2I-m MIAIKEI	86	515
>PTEN-T2I-w MTAIKEIV	1059	>PTEN-T2I-m MIAIKEIV	152	907
>PTEN-T2I-w MTAIKEI	1163	>PTEN-T2I-m MIAIKEI	474	689
>PTEN-T2I-w MTAIKEIV	1244	>PTEN-T2I-m MIAIKEIV	293	951

>PTEN-T2I-w MTAIIKEI	1149	>PTEN-T2I-m MIAIIKEI	292	857
>PTEN-T2I-w MTAIIKEIV	836	>PTEN-T2I-m MIAIIKEIV	210	626
>PTEN-T2I-w MTAIIKEIV	1627	>PTEN-T2I-m MIAIIKEIV	237	1390
>PTEN-T2I-w MTAIIKEI	8460	>PTEN-T2I-m MIAIIKEI	324	8136
>PTEN-T2I-w MTAIIKEIV	566	>PTEN-T2I-m MIAIIKEIV	17	549
>PTEN-T2I-w MTAIIKEIVSR	373	>PTEN-T2I-m MIAIIKEIVSR	1334	961
>PTEN-T2I-w MTAIIKEIVSR	22	>PTEN-T2I-m MIAIIKEIVSR	47	25
>PTEN-T2I-w MTAIIKEIVSR	145	>PTEN-T2I-m MIAIIKEIVSR	354	209
>PTEN-T2I-w MTAIIKEIVSR	2	>PTEN-T2I-m MIAIIKEIVSR	6	4
>PTEN-T2I-w MTAIIKEI	6	>PTEN-T2I-m MIAIIKEI	15	9
>PTEN-T2I-w MTAIIKEIV	5	>PTEN-T2I-m MIAIIKEIV	11	6
>PTEN-T2I-w MTAIIKEI	286	>PTEN-T2I-m MIAIIKEI	1319	1033
>PTEN-T2I-w MTAIIKEIV	129	>PTEN-T2I-m MIAIIKEIV	643	514
>PTEN-T2I-w MTAIIKEI	94	>PTEN-T2I-m MIAIIKEI	11713	11619
>PTEN-T2I-w MTAIIKEIV	155	>PTEN-T2I-m MIAIIKEIV	5078	4923
>PTEN-T2I-w MTAIIKEIVSR	379	>PTEN-T2I-m MIAIIKEIVSR	100	279
>PTEN-T2I-w MTAIIKEI	29	>PTEN-T2I-m MIAIIKEI	1501	1472
>PTEN-T348I SPNFKVKLYF	24989	>PTEN-T348I SPNFKVKLYFI	439	24550
>PTEN-T348I KLYFTKTV	37	>PTEN-T348I KLYFIKTV	20	17
>PTEN-T348I KLYFTKTV	73	>PTEN-T348I KLYFIKTV	32	41
>PTEN-T348I KLYFTKTV	7	>PTEN-T348I KLYFIKTV	6	1
>PTEN-T348I KLYFTKTV	212	>PTEN-T348I KLYFIKTV	115	97
>PTEN-T348I KLYFTKTV	2	>PTEN-T348I KLYFIKTV	2	0
>PTEN-T348I KLYFTKTV	6	>PTEN-T348I KLYFIKTV	6	0
>PTEN-T348I KLYFTKTV	7	>PTEN-T348I KLYFIKTV	7	0
>PTEN-T348I KLYFTKTV	15	>PTEN-T348I KLYFIKTV	12	3
>PTEN-T348I KLYFTKTV	3	>PTEN-T348I KLYFIKTV	3	0
>PTEN-T348I KLYFTKTV	41	>PTEN-T348I KLYFIKTV	35	6
>PTEN-T348I KLYFTKTVEE	631	>PTEN-T348I KLYFIKTVEE	338	293
>PTEN-T348I KLYFTKTV	283	>PTEN-T348I KLYFIKTV	746	463
>PTEN-T348I VKLYFTKTV	222	>PTEN-T348I VKLYFIKTV	883	661
>PTEN-T348I VKLYFTKTV	15	>PTEN-T348I VKLYFIKTV	16	1
>PTEN-T348I KVKLYFTKTV	150	>PTEN-T348I KVKLYFIKTV	124	26
>PTEN-T348I KVKLYFTK	81	>PTEN-T348I KVKLYFIK	94	13
>PTEN-T348I KVKLYFTK	30	>PTEN-T348I KVKLYFIK	29	1
>PTEN-T348I KVKLYFTK	4	>PTEN-T348I KVKLYFIK	3	1
>PTEN-T348I KVKLYFTKT	813	>PTEN-T348I KVKLYFIKT	68	745
>PTEN-T348I KVKLYFTKTV	15	>PTEN-T348I KVKLYFIKTV	11	4
>PTEN-T348I KVKLYFTK	8	>PTEN-T348I KVKLYFIK	10	2
>PTEN-T348I KVKLYFTK	485	>PTEN-T348I KVKLYFIK	454	31
>PTEN-T348I FKVKLYFT	2330	>PTEN-T348I FKVKLYFI	152	2178
>PTEN-T348I FKVKLYFT	1701	>PTEN-T348I FKVKLYFI	107	1594
>PTEN-T348I FKVKLYFTKT	224	>PTEN-T348I FKVKLYFIKTV	168	56

>PTEN-T348I FKVKLYFT	3224	>PTEN-T348I FKVKLYFI	102	3122
>PTEN-T348I FKVKLYFTK	199	>PTEN-T348I FKVKLYFIK	268	69
>PTEN-T348I FKVKLYFTKT	25	>PTEN-T348I FKVKLYFIKTV	27	2
>PTEN-T348I FKVKLYFT	10589	>PTEN-T348I FKVKLYFI	31	10558
>PTEN-T348I NFKVKLYFT	23111	>PTEN-T348I NFKVKLYFI	452	22659
>PTEN-T348I NFKVKLYFTK	142	>PTEN-T348I NFKVKLYFIK	199	57
>PTEN-T348I NFKVKLYFTK	284	>PTEN-T348I NFKVKLYFIK	518	234
>PTEN-T348I NFKVKLYFT	5427	>PTEN-T348I NFKVKLYFI	466	4961
>PTEN-T348I PNFKVKLYFT	20193	>PTEN-T348I PNFKVKLYFI	291	19902
>PTEN-T382S TTDSDPENEP	165	>PTEN-T382S STDSDPENEP	171	6
>PTEN-T382S TTDSDPENEP	757	>PTEN-T382S STDSDPENEP	291	466
>PTEN-T382S TTDSDPENEP	219	>PTEN-T382S STDSDPENEP	132	87
>PTEN-T382S TTDSDPENEP	901	>PTEN-T382S STDSDPENEP	291	610
>PTEN-T382S YRYSDTTDS	637	>PTEN-T382S YRYSDSTDS	468	169
>PTEN-T382S HYRYSDTT	326	>PTEN-T382S HYRYSDST	187	139
>PTEN-T383I TTDSDPENEP	165	>PTEN-T383I TIDSDPENEP	8189	8024
>PTEN-T383I TTDSDPENEP	219	>PTEN-T383I TIDSDPENEP	15232	15013
>PTEN-T383I EPDHYRYSDT	6001	>PTEN-T383I EPDHYRYSDT	433	5568
>PTEN-T383I EPDHYRYSDT	5158	>PTEN-T383I EPDHYRYSDT	198	4960
>PTEN-T383I HYRYSDTT	11460	>PTEN-T383I HYRYSDTI	58	11402
>PTEN-T383I HYRYSDTT	22002	>PTEN-T383I HYRYSDTI	340	21662
>PTEN-T383I HYRYSDTT	7427	>PTEN-T383I HYRYSDTI	62	7365
>PTEN-T383I HYRYSDTT	326	>PTEN-T383I HYRYSDTI	14	312
>PTEN-T383I HYRYSDTTDS	846	>PTEN-T383I HYRYSDTIDS	200	646
>PTEN-T383I DHYRYSDTT	7344	>PTEN-T383I DHYRYSDTI	103	7241
>PTEN-T383I DHYRYSDTT	567	>PTEN-T383I DHYRYSDTI	277	290
>PTEN-T383I PDHYRYSDTT	9016	>PTEN-T383I PDHYRYSDTI	141	8875
>PTEN-T398S EDQHTQITKV	202	>PTEN-T398S EDQHSQITKV	214	12
>PTEN-T398S FDEDQHTQI	195	>PTEN-T398S FDEDQHSQI	197	2
>PTEN-T398S EPFDEDQHTC	384	>PTEN-T398S EPFDEDQHSC	397	13
>PTEN-T398S EPFDEDQHTC	327	>PTEN-T398S EPFDEDQHSC	407	80
>PTEN-T401I EDQHTQIT	7016	>PTEN-T401I EDQHTQII	92	6924
>PTEN-T401I EDQHTQITKV	202	>PTEN-T401I EDQHTQIIKV	231	29
>PTEN-T401I DEDQHTQIT	11492	>PTEN-T401I DEDQHTQII	98	11394
>PTEN-T401I DEDQHTQIT	9303	>PTEN-T401I DEDQHTQII	240	9063
>PTEN-T401I FDEDQHTQIT	14573	>PTEN-T401I FDEDQHTQII	151	14422
>PTEN-T401I FDEDQHTQIT	6305	>PTEN-T401I FDEDQHTQII	87	6218
>PTEN-T78A-TAKFNCRV	1751	>PTEN-T78A-AAKFNCRV	231	1520
>PTEN-T78A-TAKFNCRVA	2277	>PTEN-T78A-AAKFNCRVA	343	1934
>PTEN-T78A-TAKFNCRVAC	573	>PTEN-T78A-AAKFNCRVAC	361	212
>PTEN-T78A-TAKFNCRVAC	362	>PTEN-T78A-AAKFNCRVAC	165	197
>PTEN-T78A-TAKFNCRVAC	97	>PTEN-T78A-AAKFNCRVAC	23	74
>PTEN-T78A-DTAKFNCR	20	>PTEN-T78A-DAAKFNCR	47	27

>PTEN-T78A-DTAKFNCR	3	>PTEN-T78A-DAAKFNCR	6	3
>PTEN-T78A-DTAKFNCRV/	171	>PTEN-T78A-DAAKFNCRV/	1123	952
>PTEN-T78A-DTAKFNCRV	12	>PTEN-T78A-DAAKFNCRV	43	31
>PTEN-T78A-DTAKFNCRV/	460	>PTEN-T78A-DAAKFNCRV/	3796	3336
>PTEN-T78A-DTAKFNCRV	7	>PTEN-T78A-DAAKFNCRV	23	16
>PTEN-T78A-YDTAKFNCRV	183	>PTEN-T78A-YDAAKFNCRV	262	79
>PTEN-T78A-HYDTAKFNCF	204	>PTEN-T78A-HYDAAKFNCF	240	36
>PTEN-T78A-HYDTAKFNCF	29	>PTEN-T78A-HYDAAKFNCF	29	0
>PTEN-T78A-RHYDTAKF	418	>PTEN-T78A-RHYDAAKF	719	301
>PTEN-T78A-RHYDTAKFNC	374	>PTEN-T78A-RHYDAAKFNC	552	178
>PTEN-T78A-RHYDTAKF	7	>PTEN-T78A-RHYDAAKF	10	3
>PTEN-T78A-RHYDTAKF	384	>PTEN-T78A-RHYDAAKF	297	87
>PTEN-T78A-RHYDTAKF	71	>PTEN-T78A-RHYDAAKF	93	22
>PTEN-T78A-RHYDTAKFNC	71	>PTEN-T78A-RHYDAAKFNC	79	8
>PTEN-T78A-ERHYDTAKF	202	>PTEN-T78A-ERHYDAAKF	254	52
>PTEN-T78A-AERHYDTAK	1510	>PTEN-T78A-AERHYDAAK	259	1251
>PTEN-T78A-AERHYDTAKF	33	>PTEN-T78A-AERHYDAAKF	46	13
>PTEN-T78A-AERHYDTA	84	>PTEN-T78A-AERHYDAA	48	36
>PTEN-T78A-AERHYDTAKF	83	>PTEN-T78A-AERHYDAAKF	44	39
>PTEN-T78A-AERHYDTAKF	256	>PTEN-T78A-AERHYDAAKF	191	65
>PTEN-T78A-AERHYDTA	12	>PTEN-T78A-AERHYDAA	7	5
>PTEN-T78A-AERHYDTAKF	258	>PTEN-T78A-AERHYDAAKF	329	71
>PTEN-T78A-NLCAERHYDT	562	>PTEN-T78A-NLCAERHYD/	314	248
>PTEN-T78A-NLCAERHYDT	3600	>PTEN-T78A-NLCAERHYD/	489	3111
>PTEN-T78A-NLCAERHYDT	387	>PTEN-T78A-NLCAERHYD/	945	558
>PTEN-V119I VAAIHCKAGK	459	>PTEN-V119I DAAIHCKAGK	80	379
>PTEN-V119I HVAAIHCKA	289	>PTEN-V119I HDAAIHCKA	11933	11644
>PTEN-V119I HVAAIHCK	130	>PTEN-V119I HDAAIHCK	14390	14260
>PTEN-V119I HVAAIHCKAC	90	>PTEN-V119I HDAAIHCKAC	12793	12703
>PTEN-V119I HVAAIHCK	50	>PTEN-V119I HDAAIHCK	11655	11605
>PTEN-V119I HVAAIHCKAC	114	>PTEN-V119I HDAAIHCKAC	18783	18669
>PTEN-V119I HVAAIHCK	74	>PTEN-V119I HDAAIHCK	8742	8668
>PTEN-V119I HVAAIHCKA	304	>PTEN-V119I HDAAIHCKA	14890	14586
>PTEN-V119I HVAAIHCKAC	64	>PTEN-V119I HDAAIHCKAC	9284	9220
>PTEN-V119I HVAAIHCK	223	>PTEN-V119I HDAAIHCK	13516	13293
>PTEN-V119I HVAAIHCKAC	185	>PTEN-V119I HDAAIHCKAC	13646	13461
>PTEN-V119I HVAAIHCK	5	>PTEN-V119I HDAAIHCK	480	475
>PTEN-V119I HVAAIHCKAC	7	>PTEN-V119I HDAAIHCKAC	1000	993
>PTEN-V119I HVAAIHCKA	12	>PTEN-V119I HDAAIHCKA	3495	3483
>PTEN-V119I HVAAIHCKA	480	>PTEN-V119I HDAAIHCKA	14551	14071
>PTEN-V119I DDNHVAAI	343	>PTEN-V119I DDNHDAAI	328	15
>PTEN-V119I EDDNHVAAI	195	>PTEN-V119I EDDNHDAAI	320	125
>PTEN-V119I SEDDNHVA	161	>PTEN-V119I SEDDNHDA	787	626

>PTEN-V119I SEDDNHVAA	347	>PTEN-V119I SEDDNHDAA	689	342
>PTEN-V119I SEDDNHVAA	435	>PTEN-V119I SEDDNHDAA	676	241
>PTEN-V119I SEDDNHVAA	117	>PTEN-V119I SEDDNHDAA	175	58
>PTEN-V119I SEDDNHVA	53	>PTEN-V119I SEDDNHDA	150	97
>PTEN-V119I SEDDNHVAA	24	>PTEN-V119I SEDDNHDAA	41	17
>PTEN-V119I SEDDNHVAA	315	>PTEN-V119I SEDDNHDAA	336	21
>PTEN-V119I SEDDNHVAA	65	>PTEN-V119I SEDDNHDAA	110	45
>PTEN-V119I LSEDDNHVA/	70	>PTEN-V119I LSEDDNHDA/	90	20
>PTEN-V119I WLSEDDNHV	105	>PTEN-V119I WLSEDDNHD	21834	21729
>PTEN-V119I WLSEDDNHV	480	>PTEN-V119I WLSEDDNHD	1334	854
>PTEN-V119I WLSEDDNHV	10	>PTEN-V119I WLSEDDNHD	4714	4704
>PTEN-V119I WLSEDDNHV	99	>PTEN-V119I WLSEDDNHD	230	131
>PTEN-V119I WLSEDDNHV	30	>PTEN-V119I WLSEDDNHD	36	6
>PTEN-V119I WLSEDDNHV	12	>PTEN-V119I WLSEDDNHD	17089	17077
>PTEN-V119I WLSEDDNHV	39	>PTEN-V119I WLSEDDNHD	55	16
>PTEN-V119I WLSEDDNHV	30	>PTEN-V119I WLSEDDNHD	19823	19793
>PTEN-V119I WLSEDDNHV	56	>PTEN-V119I WLSEDDNHD	125	69
>PTEN-V119I WLSEDDNHV	8	>PTEN-V119I WLSEDDNHD	16981	16973
>PTEN-V119I WLSEDDNHV	65	>PTEN-V119I WLSEDDNHD	269	204
>PTEN-V119I WLSEDDNHV	34	>PTEN-V119I WLSEDDNHD	48	14
>PTEN-V119I WLSEDDNHV	4	>PTEN-V119I WLSEDDNHD	12657	12653
>PTEN-V119I WLSEDDNHV	22	>PTEN-V119I WLSEDDNHD	67	45
>PTEN-V119I WLSEDDNHV	26	>PTEN-V119I WLSEDDNHD	37	11
>PTEN-V119I WLSEDDNHV	6	>PTEN-V119I WLSEDDNHD	13081	13075
>PTEN-V119I WLSEDDNHV	46	>PTEN-V119I WLSEDDNHD	62	16
>PTEN-V119I WLSEDDNHV	85	>PTEN-V119I WLSEDDNHD	136	51
>PTEN-V119I WLSEDDNHV	6	>PTEN-V119I WLSEDDNHD	22949	22943
>PTEN-V119I WLSEDDNHV	40	>PTEN-V119I WLSEDDNHD	144	104
>PTEN-V119I WLSEDDNHV	108	>PTEN-V119I WLSEDDNHD	160	52
>PTEN-V119I WLSEDDNHV	2	>PTEN-V119I WLSEDDNHD	12947	12945
>PTEN-V119I WLSEDDNHV	7	>PTEN-V119I WLSEDDNHD	9	2
>PTEN-V119I WLSEDDNHV	9	>PTEN-V119I WLSEDDNHD	19	10
>PTEN-V119I WLSEDDNHV	243	>PTEN-V119I WLSEDDNHD	23569	23326
>PTEN-V119I QWLSEDDNF	40	>PTEN-V119I QWLSEDDNF	2050	2010
>PTEN-V119I QWLSEDDNF	162	>PTEN-V119I QWLSEDDNF	204	42
>PTEN-V119I VAAIHCKAGK	459	>PTEN-V119I FAAIHCKAGK	40	419
>PTEN-V119I VAAIHCKA	11378	>PTEN-V119I FAAIHCKA	221	11157
>PTEN-V119I HVAAIHCKA	289	>PTEN-V119I HFAAIHCKA	1548	1259
>PTEN-V119I HVAAIHCK	130	>PTEN-V119I HFAAIHCK	2880	2750
>PTEN-V119I HVAAIHCKAC	90	>PTEN-V119I HFAAIHCKAG	1684	1594
>PTEN-V119I HVAAIHCK	50	>PTEN-V119I HFAAIHCK	1552	1502
>PTEN-V119I HVAAIHCKAC	114	>PTEN-V119I HFAAIHCKAG	4881	4767
>PTEN-V119I HVAAIHCK	74	>PTEN-V119I HFAAIHCK	265	191

>PTEN-V119IHVAAIHCKA	304	>PTEN-V119IHFAAIIHCKA	1322	1018
>PTEN-V119IHVAAIHCKAC	64	>PTEN-V119IHFAAIIHCKAG	255	191
>PTEN-V119IHVAAIHCK	223	>PTEN-V119IHFAAIIHCK	114	109
>PTEN-V119IHVAAIHCKAC	185	>PTEN-V119IHFAAIIHCKAG	95	90
>PTEN-V119IHVAAIHCK	5	>PTEN-V119IHFAAIIHCK	40	35
>PTEN-V119IHVAAIHCKAC	7	>PTEN-V119IHFAAIIHCKAG	95	88
>PTEN-V119IHVAAIHCKA	12	>PTEN-V119IHFAAIIHCKA	3711	3699
>PTEN-V119IHVAAIHCKA	480	>PTEN-V119IHFAAIIHCKA	14146	13666
>PTEN-V119IHVAAIHCK	1426	>PTEN-V119IHFAAIIHCK	114	1312
>PTEN-V119IHVAAIHCKAC	806	>PTEN-V119IHFAAIIHCKAG	74	732
>PTEN-V119IDQWLSEDDN	2435	>PTEN-V119IDQWLSEDDN	135	2300
>PTEN-V119INHVAAIHCK	1175	>PTEN-V119INHFAAIIHCK	256	919
>PTEN-V119IDDNHVAAI	343	>PTEN-V119IDDNHFAAI	224	119
>PTEN-V119IEDDNHVAAI	195	>PTEN-V119IEDDNHFAAI	150	45
>PTEN-V119ISEDNDHVAA	161	>PTEN-V119ISEDNDHFAA	123	38
>PTEN-V119ISEDNDHVAA	347	>PTEN-V119ISEDNDHFAAI	262	85
>PTEN-V119ISEDNDHVAA	768	>PTEN-V119ISEDNDHFAA	284	484
>PTEN-V119ISEDNDHVAA	435	>PTEN-V119ISEDNDHFAAI	229	206
>PTEN-V119ISEDNDHVAA	117	>PTEN-V119ISEDNDHFAAI	45	72
>PTEN-V119ISEDNDHVAA	1064	>PTEN-V119ISEDNDHFAAI	343	721
>PTEN-V119ISEDNDHVAA	53	>PTEN-V119ISEDNDHFAA	57	4
>PTEN-V119ISEDNDHVAA	24	>PTEN-V119ISEDNDHFAA	11	13
>PTEN-V119ISEDNDHVAA	315	>PTEN-V119ISEDNDHFAAI	186	129
>PTEN-V119ISEDNDHVAA	65	>PTEN-V119ISEDNDHFAAI	102	37
>PTEN-V119LSEDDNHV	12235	>PTEN-V119LSEDDNHF	70	12165
>PTEN-V119LSEDDNDHVAA	70	>PTEN-V119LSEDDNDHFAA	56	14
>PTEN-V119WLSEDDNHV	105	>PTEN-V119WLSEDDNHF	12659	12554
>PTEN-V119WLSEDDNHV	1721	>PTEN-V119WLSEDDNHF	361	1360
>PTEN-V119WLSEDDNHV	480	>PTEN-V119WLSEDDNHF	126	354
>PTEN-V119WLSEDDNHV	10	>PTEN-V119WLSEDDNHF	784	774
>PTEN-V119WLSEDDNHV	99	>PTEN-V119WLSEDDNHF	30	69
>PTEN-V119WLSEDDNHV	30	>PTEN-V119WLSEDDNHF	16	14
>PTEN-V119WLSEDDNHV	12	>PTEN-V119WLSEDDNHF	5941	5929
>PTEN-V119WLSEDDNHV	532	>PTEN-V119WLSEDDNHF	221	311
>PTEN-V119WLSEDDNHV	39	>PTEN-V119WLSEDDNHF	30	9
>PTEN-V119WLSEDDNHV	30	>PTEN-V119WLSEDDNHF	446	416
>PTEN-V119WLSEDDNHV	56	>PTEN-V119WLSEDDNHF	26	30
>PTEN-V119WLSEDDNHV	8	>PTEN-V119WLSEDDNHF	6175	6167
>PTEN-V119WLSEDDNHV	65	>PTEN-V119WLSEDDNHF	24	41
>PTEN-V119WLSEDDNHV	34	>PTEN-V119WLSEDDNHF	20	14
>PTEN-V119WLSEDDNHV	4	>PTEN-V119WLSEDDNHF	2911	2907
>PTEN-V119WLSEDDNHV	22	>PTEN-V119WLSEDDNHF	12	10
>PTEN-V119WLSEDDNHV	26	>PTEN-V119WLSEDDNHF	13	13

>PTEN-V119FWLSEDDNHV	6	>PTEN-V119FWLSEDDNHF	6471	6465
>PTEN-V119FWLSEDDNHV	46	>PTEN-V119FWLSEDDNHF	15	31
>PTEN-V119FWLSEDDNHV	85	>PTEN-V119FWLSEDDNHF	39	46
>PTEN-V119FWLSEDDNHV	6	>PTEN-V119FWLSEDDNHF	9729	9723
>PTEN-V119FWLSEDDNHV	40	>PTEN-V119FWLSEDDNHF	14	26
>PTEN-V119FWLSEDDNHV	108	>PTEN-V119FWLSEDDNHF	32	76
>PTEN-V119FWLSEDDNHV	2	>PTEN-V119FWLSEDDNHF	3491	3489
>PTEN-V119FWLSEDDNHV	7	>PTEN-V119FWLSEDDNHF	5	2
>PTEN-V119FWLSEDDNHV	9	>PTEN-V119FWLSEDDNHF	7	2
>PTEN-V119FWLSEDDNHV	243	>PTEN-V119FWLSEDDNHF	22439	22196
>PTEN-V119FWLSEDDNHV	5503	>PTEN-V119FWLSEDDNHF	86	5417
>PTEN-V119FWLSEDDNHV	7640	>PTEN-V119FWLSEDDNHF	335	7305
>PTEN-V119FWLSEDDNHV	8007	>PTEN-V119FWLSEDDNHF	364	7643
>PTEN-V119FWLSEDDNHV	10367	>PTEN-V119FWLSEDDNHF	207	10160
>PTEN-V119FQWLSEDDNF	4082	>PTEN-V119FQWLSEDDNF	34	4048
>PTEN-V119FQWLSEDDNF	8957	>PTEN-V119FQWLSEDDNF	87	8870
>PTEN-V119FQWLSEDDNF	2922	>PTEN-V119FQWLSEDDNF	13	2909
>PTEN-V119FQWLSEDDNF	40	>PTEN-V119FQWLSEDDNF	90	50
>PTEN-V119FQWLSEDDNF	162	>PTEN-V119FQWLSEDDNF	37	125
>PTEN-V133IVMICAYLL	248	>PTEN-V133IVMICAYLL	210	38
>PTEN-V133IVMICAYLL	15	>PTEN-V133IVMICAYLL	13	2
>PTEN-V133IVMICAYLL	9	>PTEN-V133IVMICAYLL	6	3
>PTEN-V133IVMICAYLL	27	>PTEN-V133IVMICAYLL	21	6
>PTEN-V133IVMICAYLL	39	>PTEN-V133IVMICAYLL	27	12
>PTEN-V133IVMICAYLL	10	>PTEN-V133IVMICAYLL	11	1
>PTEN-V133IVMICAYLL	6	>PTEN-V133IVMICAYLL	7	1
>PTEN-V133IVMICAYLL	58	>PTEN-V133IVMICAYLL	104	46
>PTEN-V133IVMICAYLL	136	>PTEN-V133IVMICAYLL	134	2
>PTEN-V133IVMICAYLL	16	>PTEN-V133IVMICAYLL	21	5
>PTEN-V133IVMICAYLLHR	166	>PTEN-V133IVMICAYLLHR	88	78
>PTEN-V133IVMICAYLLHR	52	>PTEN-V133IVMICAYLLHR	52	0
>PTEN-V133IVMICAYLL	100	>PTEN-V133IVMICAYLL	107	7
>PTEN-V133IVMICAYLLH	46	>PTEN-V133IVMICAYLLH	35	11
>PTEN-V133IVMICAYLLHR	44	>PTEN-V133IVMICAYLLHR	31	13
>PTEN-V133IVMICAYLLHR	237	>PTEN-V133IVMICAYLLHR	142	95
>PTEN-V133IVMICAYLLHR	119	>PTEN-V133IVMICAYLLHR	50	69
>PTEN-V133IVMICAYLL	126	>PTEN-V133IVMICAYLL	49	77
>PTEN-V133IVMICAYLLH	676	>PTEN-V133IVMICAYLLH	247	429
>PTEN-V133IVMICAYLLHR	434	>PTEN-V133IVMICAYLLHR	178	256
>PTEN-V133IVMICAYLLHR	70	>PTEN-V133IVMICAYLLHR	45	25
>PTEN-V133IVMICAYLLHR	58	>PTEN-V133IVMICAYLLHR	23	35
>PTEN-V133IGVMICAYL	66	>PTEN-V133IGVMICAYL	38	28
>PTEN-V133IGVMICAYLL	57	>PTEN-V133IGVMICAYLL	33	24

>PTEN-V133I GVMICAYL	20	>PTEN-V133I GIMICAYL	11	9
>PTEN-V133I GVMICAYLL	18	>PTEN-V133I GIMICAYLL	10	8
>PTEN-V133I GVMICAYL	260	>PTEN-V133I GIMICAYL	117	143
>PTEN-V133I GVMICAYL	51	>PTEN-V133I GIMICAYL	63	12
>PTEN-V133I GVMICAYLL	112	>PTEN-V133I GIMICAYLL	135	23
>PTEN-V133I GVMICAYL	844	>PTEN-V133I GIMICAYL	255	589
>PTEN-V133I GVMICAYL	346	>PTEN-V133I GIMICAYL	168	178
>PTEN-V133I GVMICAYLL	327	>PTEN-V133I GIMICAYLL	158	169
>PTEN-V133I GVMICAYL	403	>PTEN-V133I GIMICAYL	171	232
>PTEN-V133I GVMICAYL	574	>PTEN-V133I GIMICAYL	152	422
>PTEN-V133I GVMICAYLLH	52	>PTEN-V133I GIMICAYLLHI	104	52
>PTEN-V133I GVMICAYLLH	38	>PTEN-V133I GIMICAYLLHI	53	15
>PTEN-V133I GVMICAYLLH	177	>PTEN-V133I GIMICAYLLHI	372	195
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>PTEN-V133I GVMICAYLL	222	>PTEN-V133I GIMICAYLL	951	729
>PTEN-V133I GVMICAYLLH	198	>PTEN-V133I GIMICAYLLHI	529	331
>PTEN-V133I GVMICAYLLH	132	>PTEN-V133I GIMICAYLLHI	54	78
>PTEN-V133I TGVMICAY	567	>PTEN-V133I TGIMICAY	354	213
>PTEN-V133I TGVMICAYL	267	>PTEN-V133I TGIMICAYL	129	138
>PTEN-V133I TGVMICAY	714	>PTEN-V133I TGIMICAY	363	351
>PTEN-V133I TGVMICAY	166	>PTEN-V133I TGIMICAY	192	26
>PTEN-V133I RTGVMICAYL	583	>PTEN-V133I RTGIMICAYL	398	185
>PTEN-V133I RTGVMICAYL	532	>PTEN-V133I RTGIMICAYL	433	99
>PTEN-V133I RTGVMICAYL	1073	>PTEN-V133I RTGIMICAYL	494	579
>PTEN-V133I RTGVMICAY	243	>PTEN-V133I RTGIMICAY	186	57
>PTEN-V133I RTGVMICAYL	398	>PTEN-V133I RTGIMICAYL	367	31
>PTEN-V133I RTGVMICAY	169	>PTEN-V133I RTGIMICAY	183	14
>PTEN-V133I RTGVMICAYL	114	>PTEN-V133I RTGIMICAYLI	134	20
>PTEN-V133I RTGVMICAYL	74	>PTEN-V133I RTGIMICAYL	45	29
>PTEN-V133I RTGVMICAY	228	>PTEN-V133I RTGIMICAY	219	9
>PTEN-V133I RTGVMICAY	70	>PTEN-V133I RTGIMICAY	76	6
>PTEN-V133I RTGVMICAY	13	>PTEN-V133I RTGIMICAY	10	3
>PTEN-V133I RTGVMICAYL	12	>PTEN-V133I RTGIMICAYL	8	4
>PTEN-V133I RTGVMICAYL	14	>PTEN-V133I RTGIMICAYLI	9	5
>PTEN-V133I RTGVMICAY	205	>PTEN-V133I RTGIMICAY	570	365
>PTEN-V133I RTGVMICAYL	438	>PTEN-V133I RTGIMICAYL	959	521
>PTEN-V133I RTGVMICAYL	428	>PTEN-V133I RTGIMICAYLI	993	565
>PTEN-V133I RTGVMICAYL	90	>PTEN-V133I RTGIMICAYL	52	38
>PTEN-V133I RTGVMICAYL	56	>PTEN-V133I RTGIMICAYLI	34	22
>PTEN-V133I RTGVMICAY	378	>PTEN-V133I RTGIMICAY	473	95
>PTEN-V133I RTGVMICAYL	72	>PTEN-V133I RTGIMICAYL	54	18
>PTEN-V133I RTGVMICAYL	235	>PTEN-V133I RTGIMICAYLI	287	52
>PTEN-V133I RTGVMICAYL	394	>PTEN-V133I RTGIMICAYLI	404	10



>PTEN-V133I GRTGVMICA'	113	>PTEN-V133I GRTGIMICAY	134	21
>PTEN-V133I GRTGVMICA'	258	>PTEN-V133I GRTGIMICAY	197	61
>PTEN-V133I GRTGVMICA'	334	>PTEN-V133I GRTGIMICAY	358	24
>PTEN-V133I GRTGVMICA'	78	>PTEN-V133I GRTGIMICAY	65	13
>PTEN-V133I KGRTGVM I	29	>PTEN-V133I KGRTGIMI	18	11
>PTEN-V133I KGRTGVMIC	365	>PTEN-V133I KGRTGIMIC	334	31
>PTEN-V133I KGRTGVMIC/	21	>PTEN-V133I KGRTGIMICA	21	0
>PTEN-V133I KGRTGVMIC/	38	>PTEN-V133I KGRTGIMICA	39	1
>PTEN-V133I KGRTGVMIC/	314	>PTEN-V133I KGRTGIMICA	244	70
>PTEN-V133I KGRTGVMIC/	165	>PTEN-V133I KGRTGIMICA	204	39
>PTEN-V133I KGRTGVMIC/	174	>PTEN-V133I KGRTGIMICA	258	84
>PTEN-V133I KGRTGVMIC/	135	>PTEN-V133I KGRTGIMICA	140	5
>PTEN-V133I GKGR TGVM I	308	>PTEN-V133I GKGR TGIMI	858	550
>PTEN-V133I AGKGR TGVM I	861	>PTEN-V133I AGKGR TGIMI	476	385
>PTEN-V133I KAGKGR TG V	9353	>PTEN-V133I KAGKGR TGI	317	9036
>PTEN-V133I KAGKGR TGVI	135	>PTEN-V133I KAGKGR TGI	154	19
>PTEN-V166I VTIPSQRRYV	563	>PTEN-V166I ITIPSQRRYV	216	347
>PTEN-V166I VTIPSQRRYV	916	>PTEN-V166I ITIPSQRRYV	396	520
>PTEN-V166I VTIPSQRRYV	249	>PTEN-V166I ITIPSQRRYV	298	49
>PTEN-V166I VTIPSQRRYV	286	>PTEN-V166I ITIPSQRRYV	404	118
>PTEN-V166I VTIPSQRRYV'	284	>PTEN-V166I ITIPSQRRYVY	347	63
>PTEN-V166I VTIPSQRRY	26	>PTEN-V166I ITIPSQRRY	40	14
>PTEN-V166I VTIPSQRRYV'	38	>PTEN-V166I ITIPSQRRYVY	57	19
>PTEN-V166I VTIPSQRRYV'	509	>PTEN-V166I ITIPSQRRYVY	425	84
>PTEN-V166I VTIPSQRRY	59	>PTEN-V166I ITIPSQRRY	41	18
>PTEN-V166I VTIPSQRRYV'	26	>PTEN-V166I ITIPSQRRYVY	20	6
>PTEN-V166I VTIPSQRRY	41	>PTEN-V166I ITIPSQRRY	45	4
>PTEN-V166I VTIPSQRRYV'	16	>PTEN-V166I ITIPSQRRYVY	17	1
>PTEN-V166I VTIPSQRR	135	>PTEN-V166I ITIPSQRR	79	56
>PTEN-V166I VTIPSQRR	65	>PTEN-V166I ITIPSQRR	18	47
>PTEN-V166I VTIPSQRRYV'	906	>PTEN-V166I ITIPSQRRYVY	209	697
>PTEN-V166I VTIPSQRRYV	225	>PTEN-V166I ITIPSQRRYV	151	74
>PTEN-V166I VTIPSQRRY	399	>PTEN-V166I ITIPSQRRY	305	94
>PTEN-V166I VTIPSQRRYV'	109	>PTEN-V166I ITIPSQRRYVY	95	14
>PTEN-V166I VTIPSQRRY	706	>PTEN-V166I ITIPSQRRY	331	375
>PTEN-V166I VTIPSQRRYV'	205	>PTEN-V166I ITIPSQRRYVY	99	106
>PTEN-V166I VTIPSQRR	677	>PTEN-V166I ITIPSQRR	327	350
>PTEN-V166I VTIPSQRRY	3	>PTEN-V166I ITIPSQRRY	2	1
>PTEN-V166I VTIPSQRRYV	124	>PTEN-V166I ITIPSQRRYV	69	55
>PTEN-V166I VTIPSQRRYV'	4	>PTEN-V166I ITIPSQRRYVY	3	1
>PTEN-V166I VTIPSQRRY	81	>PTEN-V166I ITIPSQRRY	44	37
>PTEN-V166I VTIPSQRRYV'	111	>PTEN-V166I ITIPSQRRYVY	55	56
>PTEN-V166I VTIPSQRRY	122	>PTEN-V166I ITIPSQRRY	61	61

>PTEN-V166I VTIPSQRRYV'	76	>PTEN-V166I ITIPSQRRYVY	44	32
>PTEN-V166I VTIPSQRRY	37	>PTEN-V166I ITIPSQRRY	21	16
>PTEN-V166I VTIPSQRRYV'	37	>PTEN-V166I ITIPSQRRYVY	22	15
>PTEN-V166I VTIPSQRRYV'	256	>PTEN-V166I ITIPSQRRYVY	117	139
>PTEN-V166I GVTIPSQRRY	623	>PTEN-V166I GITIPSQRRYV	209	414
>PTEN-V166I GVTIPSQRRY'	1023	>PTEN-V166I GITIPSQRRYV	390	633
>PTEN-V166I GVTIPSQRRY	123	>PTEN-V166I GITIPSQRRYV	45	78
>PTEN-V166I GVTIPSQR	457	>PTEN-V166I GITIPSQR	800	343
>PTEN-V166I GVTIPSQR	210	>PTEN-V166I GITIPSQR	421	211
>PTEN-V166I GVTIPSQRRY	172	>PTEN-V166I GITIPSQRRY	803	631
>PTEN-V166I GEVTRDKKC	178	>PTEN-V166I GEVTRDKKC	27	151
>PTEN-V166I GEVTRDKKC	381	>PTEN-V166I GEVTRDKKC	168	213
>PTEN-V166I GEVTRDKKC	89	>PTEN-V166I GEVTRDKKC	25	64
>PTEN-V166I KGVTIPSQRR	155	>PTEN-V166I KGITIPSQRRY	94	61
>PTEN-V166I KGVTIPSQR	208	>PTEN-V166I KGITIPSQR	126	82
>PTEN-V166I KGVTIPSQRR	202	>PTEN-V166I KGITIPSQRRY	249	47
>PTEN-V166I KGVTIPSQRR	227	>PTEN-V166I KGITIPSQRRY	341	114
>PTEN-V166I KGVTIPSQR	147	>PTEN-V166I KGITIPSQR	154	7
>PTEN-V166I KGVTIPSQRR	120	>PTEN-V166I KGITIPSQRR	126	6
>PTEN-V166I KKGVTIPSQR	609	>PTEN-V166I KKGITIPSQR	314	295
>PTEN-V166I KKGVTIPSQR	511	>PTEN-V166I KKGITIPSQRF	258	253
>PTEN-V166I DKKGVTIPSQ	497	>PTEN-V166I DKKGITIPSQF	595	98
>PTEN-V166I RDKKGVTI	179	>PTEN-V166I RDKKGITI	435	256
>PTEN-V166I RTRDKKGV	14	>PTEN-V166I RTRDKKGI	11	3
>PTEN-V166I RTRDKKGV	71	>PTEN-V166I RTRDKKGIT	61	10
>PTEN-V166I RTRDKKGV	5	>PTEN-V166I RTRDKKGITI	4	1
>PTEN-V166I RTRDKKGV	103	>PTEN-V166I RTRDKKGITIP	96	7
>PTEN-V166I RTRDKKGV	120	>PTEN-V166I RTRDKKGITI	303	183
>PTEN-V166I RTRDKKGV	26	>PTEN-V166I RTRDKKGI	8	18
>PTEN-V166I RTRDKKGV	5	>PTEN-V166I RTRDKKGITI	6	1
>PTEN-V166I RTRDKKGV	100	>PTEN-V166I RTRDKKGITI	73	27
>PTEN-V166I RTRDKKGV	5655	>PTEN-V166I RTRDKKGI	130	5525
>PTEN-V166I VTIPSQRRYV	563	>PTEN-V166I LTIPSQRRYV	209	354
>PTEN-V166I VTIPSQRRYV	916	>PTEN-V166I LTIPSQRRYV	287	629
>PTEN-V166I VTIPSQRRYV	249	>PTEN-V166I LTIPSQRRYV	312	63
>PTEN-V166I VTIPSQRRYV	286	>PTEN-V166I LTIPSQRRYV	173	113
>PTEN-V166I VTIPSQRRYV'	284	>PTEN-V166I LTIPSQRRYV\	783	499
>PTEN-V166I VTIPSQRRY	26	>PTEN-V166I LTIPSQRRY	33	7
>PTEN-V166I VTIPSQRRYV'	38	>PTEN-V166I LTIPSQRRYV\	46	8
>PTEN-V166I VTIPSQRRYV'	509	>PTEN-V166I LTIPSQRRYV\	362	147
>PTEN-V166I VTIPSQRRY	59	>PTEN-V166I LTIPSQRRY	44	15
>PTEN-V166I VTIPSQRRYV'	26	>PTEN-V166I LTIPSQRRYV\	21	5
>PTEN-V166I VTIPSQRRY	41	>PTEN-V166I LTIPSQRRY	90	49

>PTEN-V166I VTIPSQRRYV'	16	>PTEN-V166I LTIPSQRRYV\	29	13
>PTEN-V166I VTIPSQRR	135	>PTEN-V166I LTIPSQRR	104	31
>PTEN-V166I VTIPSQRR	65	>PTEN-V166I LTIPSQRR	26	39
>PTEN-V166I VTIPSQRRYV'	906	>PTEN-V166I LTIPSQRRYV\	313	593
>PTEN-V166I VTIPSQRRYV	225	>PTEN-V166I LTIPSQRRYV	88	137
>PTEN-V166I VTIPSQRRY	399	>PTEN-V166I LTIPSQRRY	144	255
>PTEN-V166I VTIPSQRRYV'	109	>PTEN-V166I LTIPSQRRYV\	58	51
>PTEN-V166I VTIPSQRRY	706	>PTEN-V166I LTIPSQRRY	425	281
>PTEN-V166I VTIPSQRRYV'	205	>PTEN-V166I LTIPSQRRYV\	125	80
>PTEN-V166I VTIPSQRRY	3	>PTEN-V166I LTIPSQRRY	3	0
>PTEN-V166I VTIPSQRRYV	124	>PTEN-V166I LTIPSQRRYV	146	22
>PTEN-V166I VTIPSQRRYV'	4	>PTEN-V166I LTIPSQRRYV\	4	0
>PTEN-V166I VTIPSQRRY	81	>PTEN-V166I LTIPSQRRY	66	15
>PTEN-V166I VTIPSQRRYV'	111	>PTEN-V166I LTIPSQRRYV\	88	23
>PTEN-V166I VTIPSQRRY	122	>PTEN-V166I LTIPSQRRY	70	52
>PTEN-V166I VTIPSQRRYV'	76	>PTEN-V166I LTIPSQRRYV\	51	25
>PTEN-V166I VTIPSQRRY	37	>PTEN-V166I LTIPSQRRY	35	2
>PTEN-V166I VTIPSQRRYV	1085	>PTEN-V166I LTIPSQRRYV	340	745
>PTEN-V166I VTIPSQRRYV'	37	>PTEN-V166I LTIPSQRRYV\	35	2
>PTEN-V166I VTIPSQRRYV'	256	>PTEN-V166I LTIPSQRRYV\	141	115
>PTEN-V166I GVTIPSQRRY	6356	>PTEN-V166I GLTIPSQRRY	292	6064
>PTEN-V166I GVTIPSQRRY	3326	>PTEN-V166I GLTIPSQRRY	215	3111
>PTEN-V166I GVTIPSQRRY	623	>PTEN-V166I GLTIPSQRRY	13	610
>PTEN-V166I GVTIPSQRRY	3637	>PTEN-V166I GLTIPSQRRY	94	3543
>PTEN-V166I GVTIPSQRRY	1023	>PTEN-V166I GLTIPSQRRY	20	1003
>PTEN-V166I GVTIPSQRRY	123	>PTEN-V166I GLTIPSQRRY	6	117
>PTEN-V166I GVTIPSQR	457	>PTEN-V166I GLTIPSQR	753	296
>PTEN-V166I GVTIPSQR	210	>PTEN-V166I GLTIPSQR	1208	998
>PTEN-V166I GVTIPSQRRY	1811	>PTEN-V166I GLTIPSQRRY	286	1525
>PTEN-V166I GVTIPSQRRY	172	>PTEN-V166I GLTIPSQRRY	1060	888
>PTEN-V166I GEVTRDKKC	178	>PTEN-V166I GEVTRDKKC	433	255
>PTEN-V166I GEVTRDKKC	381	>PTEN-V166I GEVTRDKKC	43	338
>PTEN-V166I GEVTRDKKC	89	>PTEN-V166I GEVTRDKKC	154	65
>PTEN-V166I KGVTIPSQRR	155	>PTEN-V166I KGLTIPSQRR\	132	23
>PTEN-V166I KGVTIPSQR	208	>PTEN-V166I KGLTIPSQR	87	121
>PTEN-V166I KGVTIPSQRR	202	>PTEN-V166I KGLTIPSQRR\	257	55
>PTEN-V166I KGVTIPSQRR	227	>PTEN-V166I KGLTIPSQRR\	167	60
>PTEN-V166I KGVTIPSQR	147	>PTEN-V166I KGLTIPSQR	85	62
>PTEN-V166I KGVTIPSQRR	120	>PTEN-V166I KGLTIPSQRR	66	54
>PTEN-V166I KKGVTIPSQR	609	>PTEN-V166I KKGLTIPSQR	305	304
>PTEN-V166I KKGVTIPSQR	511	>PTEN-V166I KKGLTIPSQR	237	274
>PTEN-V166I DKKGVTIPSQ	497	>PTEN-V166I DKKGLTIPSQ	756	259
>PTEN-V166I RDKKGVTI	179	>PTEN-V166I RDKKGVTI	301	122

>PTEN-V166I RTRDKKGV	14	>PTEN-V166I RTRDKKGL	19	5
>PTEN-V166I RTRDKKGV	71	>PTEN-V166I RTRDKKGLT	37	34
>PTEN-V166I RTRDKKGVTI	5	>PTEN-V166I RTRDKKGLTI	4	1
>PTEN-V166I RTRDKKGVTI	103	>PTEN-V166I RTRDKKGLTII	88	15
>PTEN-V166I RTRDKKGVTI	120	>PTEN-V166I RTRDKKGLTI	286	166
>PTEN-V166I RTRDKKGV	26	>PTEN-V166I RTRDKKGL	4	22
>PTEN-V166I RTRDKKGVTI	5	>PTEN-V166I RTRDKKGLTI	4	1
>PTEN-V166I RTRDKKGV	620	>PTEN-V166I RTRDKKGLT	386	234
>PTEN-V166I RTRDKKGVTI	100	>PTEN-V166I RTRDKKGLTI	107	7
>PTEN-V166I VRTRDKKGV	4734	>PTEN-V166I VRTRDKKGL	396	4338
>PTEN-V175I VYYYYSYLL	63	>PTEN-V175I LYYYYSYLL	307	244
>PTEN-V175I VYYYYSYLL	411	>PTEN-V175I LYYYYSYLL	158	253
>PTEN-V175I VYYYYSYLLK	105	>PTEN-V175I LYYYYSYLLK	149	44
>PTEN-V175I VYYYYSYLLK	39	>PTEN-V175I LYYYYSYLLK	69	30
>PTEN-V175I VYYYYSYLL	28	>PTEN-V175I LYYYYSYLL	37	9
>PTEN-V175I VYYYYSYLLK	68	>PTEN-V175I LYYYYSYLLK	89	21
>PTEN-V175I VYYYYSYLL	59	>PTEN-V175I LYYYYSYLL	65	6
>PTEN-V175I VYYYYSYLLK	411	>PTEN-V175I LYYYYSYLLK	558	147
>PTEN-V175I VYYYYSYLL	23	>PTEN-V175I LYYYYSYLL	15	8
>PTEN-V175I VYYYYSYLLK	23	>PTEN-V175I LYYYYSYLLK	11	12
>PTEN-V175I VYYYYSYLLK	302	>PTEN-V175I LYYYYSYLLK	239	63
>PTEN-V175I VYYYYSYLLK	585	>PTEN-V175I LYYYYSYLLK	230	355
>PTEN-V175I VYYYYSYLL	234	>PTEN-V175I LYYYYSYLL	600	366
>PTEN-V175I VYYYYSYLLK	155	>PTEN-V175I LYYYYSYLLK	149	6
>PTEN-V175I VYYYYSYLL	353	>PTEN-V175I LYYYYSYLL	520	167
>PTEN-V175I VYYYYSYLL	188	>PTEN-V175I LYYYYSYLL	146	42
>PTEN-V175I VYYYYSYL	4	>PTEN-V175I YLYYYSYL	11	7
>PTEN-V175I VYYYYSYLL	20	>PTEN-V175I YLYYYSYLL	126	106
>PTEN-V175I VYYYYSYL	10	>PTEN-V175I YLYYYSYL	6	4
>PTEN-V175I VYYYYSYLL	7	>PTEN-V175I YLYYYSYLL	6	1
>PTEN-V175I VYYYYSYLLK	3557	>PTEN-V175I YLYYYSYLLK	283	3274
>PTEN-V175I VYYYYSYL	4	>PTEN-V175I YLYYYSYL	2	2
>PTEN-V175I VYYYYSYLL	3	>PTEN-V175I YLYYYSYLL	2	1
>PTEN-V175I VYYYYSYLLK	2371	>PTEN-V175I YLYYYSYLLK	214	2157
>PTEN-V175I VYYYYSYLLKN	6313	>PTEN-V175I YLYYYSYLLKN	311	6002
>PTEN-V175I VYYYYSYL	9	>PTEN-V175I YLYYYSYL	3	6
>PTEN-V175I VYYYYSYLL	18	>PTEN-V175I YLYYYSYLL	5	13
>PTEN-V175I VYYYYSYL	8	>PTEN-V175I YLYYYSYL	14	6
>PTEN-V175I VYYYYSYLL	8	>PTEN-V175I YLYYYSYLL	14	6
>PTEN-V175I VYYYYSYL	5	>PTEN-V175I YLYYYSYL	1	4
>PTEN-V175I VYYYYSYLL	10	>PTEN-V175I YLYYYSYLL	2	8
>PTEN-V175I VYYYYSYLLK	9016	>PTEN-V175I YLYYYSYLLK	309	8707
>PTEN-V175I VYYYYSYLLKN	5268	>PTEN-V175I YLYYYSYLLKN	101	5167

>PTEN-V175IYVYYYSYL	21	>PTEN-V175IYLYYYSYL	3	18
>PTEN-V175IYVYYYSYLL	12	>PTEN-V175IYLYYYSYLL	2	10
>PTEN-V175IYVYYYSYL	42	>PTEN-V175IYLYYYSYL	5	37
>PTEN-V175IYVYYYSYLL	86	>PTEN-V175IYLYYYSYLL	6	80
>PTEN-V175IYVYYYSYL	99	>PTEN-V175IYLYYYSYL	4	95
>PTEN-V175IYVYYYSYLL	200	>PTEN-V175IYLYYYSYLL	5	195
>PTEN-V175IYVYYYSYL	12	>PTEN-V175IYLYYYSYL	2	10
>PTEN-V175IYVYYYSYLL	27	>PTEN-V175IYLYYYSYLL	2	25
>PTEN-V175IYVYYYSYLLK	16749	>PTEN-V175IYLYYYSYLLK	172	16577
>PTEN-V175IYVYYYSYLLK	8	>PTEN-V175IYLYYYSYLLK	7	1
>PTEN-V175IYVYYYSYLLK	7	>PTEN-V175IYLYYYSYLLK	10	3
>PTEN-V175IYVYYYSYL	193	>PTEN-V175IYLYYYSYL	3300	3107
>PTEN-V175IYVYYYSYLL	71	>PTEN-V175IYLYYYSYLL	88	17
>PTEN-V175IYVYYYSYLLK	41	>PTEN-V175IYLYYYSYLLK	312	271
>PTEN-V175IYVYYYSYLLK	165	>PTEN-V175IYLYYYSYLLK	244	79
>PTEN-V175IYVYYYSYL	81	>PTEN-V175IYLYYYSYL	95	14
>PTEN-V175IYVYYYSYLLK	274	>PTEN-V175IYLYYYSYLLK	305	31
>PTEN-V175IYVYYYSYL	377	>PTEN-V175IYLYYYSYL	2969	2592
>PTEN-V175IYVYYYSYLL	253	>PTEN-V175IYLYYYSYLL	2120	1867
>PTEN-V175IYVYYYSYLLK	6	>PTEN-V175IYLYYYSYLLK	19	13
>PTEN-V175IYVYYYSYL	21	>PTEN-V175IYLYYYSYL	375	354
>PTEN-V175IYVYYYSYLL	11	>PTEN-V175IYLYYYSYLL	184	173
>PTEN-V175IYVYYYSYL	17	>PTEN-V175IYLYYYSYL	63	46
>PTEN-V175IYVYYYSYLL	19	>PTEN-V175IYLYYYSYLL	70	51
>PTEN-V175IYVYYYSYL	597	>PTEN-V175IYLYYYSYL	86	511
>PTEN-V175IYVYYYSYLL	676	>PTEN-V175IYLYYYSYLL	87	589
>PTEN-V175IYVYYYSYL	279	>PTEN-V175IYLYYYSYL	111	168
>PTEN-V175IYVYYYSYLL	421	>PTEN-V175IYLYYYSYLL	147	274
>PTEN-V175IYVYYYSYL	1552	>PTEN-V175IYLYYYSYL	213	1339
>PTEN-V175IYVYYYSYLL	2689	>PTEN-V175IYLYYYSYLL	430	2259
>PTEN-V175IYVYYYSYL	85	>PTEN-V175IYLYYYSYL	15	70
>PTEN-V175IYVYYYSYLL	255	>PTEN-V175IYLYYYSYLL	43	212
>PTEN-V175IYVYYYSYLLK	1314	>PTEN-V175IYLYYYSYLLK	250	1064
>PTEN-V175IYVYYYSYL	52	>PTEN-V175IYLYYYSYL	378	326
>PTEN-V175IYVYYYSYLL	84	>PTEN-V175IYLYYYSYLL	657	573
>PTEN-V175IYVYYYSYLL	219	>PTEN-V175IYLYYYSYLL	1512	1293
>PTEN-V175IYVYYYSYLL	75	>PTEN-V175IYLYYYSYLL	47	28
>PTEN-V175IYVYYYSYLL	63	>PTEN-V175IYLYYYSYLL	83	20
>PTEN-V175IYVYYYSYLL	51	>PTEN-V175IYLYYYSYLL	346	295
>PTEN-V175IYVYYYSYLLK	50	>PTEN-V175IYLYYYSYLLK	22	28
>PTEN-V175IYVYYYSYLLK	490	>PTEN-V175IYLYYYSYLLK	1646	1156
>PTEN-V175IGVTIPSQRRY	123	>PTEN-V175IGVTIPSQRRY	2867	2744
>PTEN-V175IRVYYYSYL	51	>PTEN-V175IRVYYYSYL	42	9

>PTEN-V175I RYVYYYYSYL	340	>PTEN-V175I RYLYYYYSYL	736	396
>PTEN-V175I RYVYYYYSYLLK	1034	>PTEN-V175I RYLYYYYSYLLK	439	595
>PTEN-V175I RYVYYYYSYLLK	94	>PTEN-V175I RYLYYYYSYLLK	47	47
>PTEN-V175I RYVYYYYSY	213	>PTEN-V175I RYLYYYYSY	209	4
>PTEN-V175I RYVYYYYSYL	42	>PTEN-V175I RYLYYYYSYL	46	4
>PTEN-V175I RYVYYYYSYLL	6	>PTEN-V175I RYLYYYYSYLL	5	1
>PTEN-V175I RYVYYYYSYLLK	105	>PTEN-V175I RYLYYYYSYLLK	117	12
>PTEN-V175I RYVYYYYSY	244	>PTEN-V175I RYLYYYYSY	174	70
>PTEN-V175I RYVYYYYSYL	56	>PTEN-V175I RYLYYYYSYL	40	16
>PTEN-V175I RYVYYYYSYLL	26	>PTEN-V175I RYLYYYYSYLL	25	1
>PTEN-V175I RYVYYYYSYLLK	271	>PTEN-V175I RYLYYYYSYLLK	196	75
>PTEN-V175I RYVYYYYSY	86	>PTEN-V175I RYLYYYYSY	20	66
>PTEN-V175I RYVYYYYSYL	6	>PTEN-V175I RYLYYYYSYL	4	2
>PTEN-V175I RYVYYYYSYLL	10	>PTEN-V175I RYLYYYYSYLL	5	5
>PTEN-V175I RYVYYYYSYLLK	446	>PTEN-V175I RYLYYYYSYLLK	91	355
>PTEN-V175I RYVYYYYSY	18	>PTEN-V175I RYLYYYYSY	15	3
>PTEN-V175I RYVYYYYSYLL	222	>PTEN-V175I RYLYYYYSYLL	175	47
>PTEN-V175I RYVYYYYSY	842	>PTEN-V175I RYLYYYYSY	128	714
>PTEN-V175I RYVYYYYSYL	121	>PTEN-V175I RYLYYYYSYL	21	100
>PTEN-V175I RYVYYYYSYLL	348	>PTEN-V175I RYLYYYYSYLL	50	298
>PTEN-V175I RYVYYYYSYLLK	6	>PTEN-V175I RYLYYYYSYLLK	4	2
>PTEN-V175I RYVYYYYSY	39	>PTEN-V175I RYLYYYYSY	32	7
>PTEN-V175I RYVYYYYSYLL	410	>PTEN-V175I RYLYYYYSYLL	441	31
>PTEN-V175I RYVYYYYSY	484	>PTEN-V175I RYLYYYYSY	210	274
>PTEN-V175I RYVYYYYSYL	105	>PTEN-V175I RYLYYYYSYL	56	49
>PTEN-V175I RYVYYYYSYLLK	33	>PTEN-V175I RYLYYYYSYLLK	20	13
>PTEN-V175I RYVYYYYSY	794	>PTEN-V175I RYLYYYYSY	255	539
>PTEN-V175I RYVYYYYSYLL	747	>PTEN-V175I RYLYYYYSYLL	246	501
>PTEN-V175I RYVYYYYSY	88	>PTEN-V175I RYLYYYYSY	43	45
>PTEN-V175I RYVYYYYSY	77	>PTEN-V175I RYLYYYYSY	51	26
>PTEN-V175I RYVYYYYSYL	223	>PTEN-V175I RYLYYYYSYL	146	77
>PTEN-V175I RYVYYYYSYLL	420	>PTEN-V175I RYLYYYYSYLL	350	70
>PTEN-V175I RYVYYYYSYL	403	>PTEN-V175I RYLYYYYSYL	291	112
>PTEN-V175I RYVYYYYSYL	623	>PTEN-V175I RYLYYYYSYL	374	249
>PTEN-V175I RYVYYYYSY	127	>PTEN-V175I RYLYYYYSY	183	56
>PTEN-V175I RYVYYYYSYLLK	42	>PTEN-V175I RYLYYYYSYLLK	36	6
>PTEN-V175I RYVYYYYSYL	311	>PTEN-V175I RYLYYYYSYL	293	18
>PTEN-V175I RYVYYYYSYLL	195	>PTEN-V175I RYLYYYYSYLL	161	34
>PTEN-V175I RYVYYYYSY	356	>PTEN-V175I RYLYYYYSY	339	17
>PTEN-V175I RYVYYYYSYL	37	>PTEN-V175I RYLYYYYSYL	34	3
>PTEN-V175I RYVYYYYSYLL	32	>PTEN-V175I RYLYYYYSYLL	23	9
>PTEN-V175I RYVYYYYSYLLK	325	>PTEN-V175I RYLYYYYSYLLK	315	10
>PTEN-V175I RRYVYYYYSYLL	136	>PTEN-V175I RRYLYYYYSYLL	151	15

>PTEN-V175I RRYVYYYSYL	429	>PTEN-V175I RRYLYYYSYL	276	153
>PTEN-V175I RRYVYYYSY	139	>PTEN-V175I RRYLYYYSY	121	18
>PTEN-V175I RRYVYYYSY	106	>PTEN-V175I RRYLYYYSY	265	159
>PTEN-V175I RRYVYYYSY	3	>PTEN-V175I RRYLYYYSY	4	1
>PTEN-V175I RRYVYYYSYL	8	>PTEN-V175I RRYLYYYSYL	13	5
>PTEN-V175I RRYVYYYSYLL	19	>PTEN-V175I RRYLYYYSYLL	43	24
>PTEN-V175I RRYVYYYS	69	>PTEN-V175I RRYLYYYS	66	3
>PTEN-V175I RRYVYYYSY	11	>PTEN-V175I RRYLYYYSY	13	2
>PTEN-V175I RRYVYYYSYL	7	>PTEN-V175I RRYLYYYSYL	6	1
>PTEN-V175I RRYVYYYSYLL	8	>PTEN-V175I RRYLYYYSYLL	9	1
>PTEN-V175I RRYVYYYSYL	325	>PTEN-V175I RRYLYYYSYL	429	104
>PTEN-V175I RRYVYYYSYLL	50	>PTEN-V175I RRYLYYYSYLL	64	14
>PTEN-V175I RRYVYYYSYL	263	>PTEN-V175I RRYLYYYSYL	226	37
>PTEN-V175I RRYVYYYSYLL	106	>PTEN-V175I RRYLYYYSYLL	97	9
>PTEN-V175I RRYVYYYS	221	>PTEN-V175I RRYLYYYS	389	168
>PTEN-V175I RRYVYYYSY	47	>PTEN-V175I RRYLYYYSY	70	23
>PTEN-V175I RRYVYYYSYL	14	>PTEN-V175I RRYLYYYSYL	13	1
>PTEN-V175I RRYVYYYSYLL	11	>PTEN-V175I RRYLYYYSYLL	12	1
>PTEN-V175I RRYVYYYS	450	>PTEN-V175I RRYLYYYS	546	96
>PTEN-V175I RRYVYYYSY	33	>PTEN-V175I RRYLYYYSY	41	8
>PTEN-V175I RRYVYYYSYL	12	>PTEN-V175I RRYLYYYSYL	10	2
>PTEN-V175I RRYVYYYSYLL	3	>PTEN-V175I RRYLYYYSYLL	4	1
>PTEN-V175I RRYVYYYSY	231	>PTEN-V175I RRYLYYYSY	521	290
>PTEN-V175I RRYVYYYSYL	541	>PTEN-V175I RRYLYYYSYL	442	99
>PTEN-V175I QRRYVYYY	292	>PTEN-V175I QRRYLYYY	155	137
>PTEN-V175I QRRYVYYY	388	>PTEN-V175I QRRYLYYY	344	44
>PTEN-V175I QRRYVYYYSY	405	>PTEN-V175I QRRYLYYYSY	737	332
>PTEN-V175I QRRYVYYY	33	>PTEN-V175I QRRYLYYY	53	20
>PTEN-V175I QRRYVYYYSY	15	>PTEN-V175I QRRYLYYYSY	18	3
>PTEN-V175I QRRYVYYYSY	44	>PTEN-V175I QRRYLYYYSYI	44	0
>PTEN-V175I QRRYVYYYSY	33	>PTEN-V175I QRRYLYYYSY	24	9
>PTEN-V175I QRRYVYYYSY	595	>PTEN-V175I QRRYLYYYSYI	390	205
>PTEN-V175I QRRYVYYYSY	41	>PTEN-V175I QRRYLYYYSYI	38	3
>PTEN-V175I QRRYVYYYSY	19	>PTEN-V175I QRRYLYYYSYI	14	5
>PTEN-V175I SQRRYVYYY	308	>PTEN-V175I SQRRYLYYY	147	161
>PTEN-V175I SQRRYVYYY	960	>PTEN-V175I SQRRYLYY	151	809
>PTEN-V175I SQRRYVYYY	137	>PTEN-V175I SQRRYLYYY	74	63
>PTEN-V175I SQRRYVYYYS	355	>PTEN-V175I SQRRYLYYYS'	246	109
>PTEN-V175I SQRRYVYYY	72	>PTEN-V175I SQRRYLYY	49	23
>PTEN-V175I SQRRYVYYY	75	>PTEN-V175I SQRRYLYYY	69	6
>PTEN-V175I SQRRYVYYYS	152	>PTEN-V175I SQRRYLYYYS	148	4
>PTEN-V175I SQRRYVYYYS	104	>PTEN-V175I SQRRYLYYYS'	109	5
>PTEN-V175I SQRRYVYYY	535	>PTEN-V175I SQRRYLYY	354	181

>PTEN-V175ISQRRYVYYY	83	>PTEN-V175ISQRRYLYYY	42	41
>PTEN-V175ISQRRYVYYYS	106	>PTEN-V175ISQRRYLYYYS'	88	18
>PTEN-V175ISQRRYVYYY	219	>PTEN-V175ISQRRYLYYY	149	70
>PTEN-V175ISQRRYVYY	1467	>PTEN-V175ISQRRYLYY	130	1337
>PTEN-V175ISQRRYVYYY	212	>PTEN-V175ISQRRYLYYY	150	62
>PTEN-V175ISQRRYVYY	41	>PTEN-V175ISQRRYLYY	40	1
>PTEN-V175ISQRRYVYYY	36	>PTEN-V175ISQRRYLYYY	45	9
>PTEN-V175ISQRRYVYYYS	34	>PTEN-V175ISQRRYLYYYS'	37	3
>PTEN-V175ISQRRYVYY	383	>PTEN-V175ISQRRYLYY	358	25
>PTEN-V175ISQRRYVYYYS	322	>PTEN-V175ISQRRYLYYYS'	414	92
>PTEN-V175ISQRRYVYY	4	>PTEN-V175ISQRRYLYY	6	2
>PTEN-V175ISQRRYVYYY	4	>PTEN-V175ISQRRYLYYY	6	2
>PTEN-V175ISQRRYVYYYS	3	>PTEN-V175ISQRRYLYYYS'	4	1
>PTEN-V175ISQRRYVYYYS	492	>PTEN-V175ISQRRYLYYYS'	499	7
>PTEN-V175ISQRRYVYYY	453	>PTEN-V175ISQRRYLYYY	385	68
>PTEN-V175IPSQRRYVY	1626	>PTEN-V175IPSQRRYLY	239	1387
>PTEN-V175IPSQRRYVYY	907	>PTEN-V175IPSQRRYLYY	77	830
>PTEN-V175IPSQRRYVYYY	186	>PTEN-V175IPSQRRYLYYY	117	69
>PTEN-V175IPSQRRYVY	3238	>PTEN-V175IPSQRRYLY	456	2782
>PTEN-V175IPSQRRYVYY	1915	>PTEN-V175IPSQRRYLYY	211	1704
>PTEN-V175IPSQRRYVYYY	359	>PTEN-V175IPSQRRYLYYY	360	1
>PTEN-V175IPSQRRYVY	465	>PTEN-V175IPSQRRYLY	503	38
>PTEN-V175IPSQRRYVYYY	40	>PTEN-V175IPSQRRYLYYY	35	5
>PTEN-V175IPSQRRYVYYY	353	>PTEN-V175IPSQRRYLYYY	183	170
>PTEN-V175IPSQRRYV	597	>PTEN-V175IPSQRRYL	109	488
>PTEN-V175IPSQRRYVY	1972	>PTEN-V175IPSQRRYLY	213	1759
>PTEN-V175IPSQRRYVYYY	288	>PTEN-V175IPSQRRYLYYY	145	143
>PTEN-V175IPSQRRYVY	183	>PTEN-V175IPSQRRYLY	187	4
>PTEN-V175IPSQRRYVYYY	123	>PTEN-V175IPSQRRYLYYY	88	35
>PTEN-V175IPSQRRYV	22	>PTEN-V175IPSQRRYL	10	12
>PTEN-V175IPSQRRYVY	165	>PTEN-V175IPSQRRYLY	1680	1515
>PTEN-V175IPSQRRYV	1066	>PTEN-V175IPSQRRYL	319	747
>PTEN-V175IPSQRRYVY	16	>PTEN-V175IPSQRRYLY	45	29
>PTEN-V175IPSQRRYVYYY	27	>PTEN-V175IPSQRRYLYYY	36	9
>PTEN-V175IPSQRRYVY	74	>PTEN-V175IPSQRRYLY	42	32
>PTEN-V175IPSQRRYVYYY	31	>PTEN-V175IPSQRRYLYYY	38	7
>PTEN-V175IPSQRRYVY	7	>PTEN-V175IPSQRRYLY	26	19
>PTEN-V175IPSQRRYVYYY	33	>PTEN-V175IPSQRRYLYYY	78	45
>PTEN-V175IPSQRRYVYYY	12	>PTEN-V175IPSQRRYLYYY	19	7
>PTEN-V175IPSQRRYVY	262	>PTEN-V175IPSQRRYLY	479	217
>PTEN-V175TIPSQRRYV	225	>PTEN-V175TIPSQRRYL	4380	4155
>PTEN-V175TIPSQRRYVYY	290	>PTEN-V175TIPSQRRYLY	378	88
>PTEN-V175TIPSQRRYVY	746	>PTEN-V175TIPSQRRYLY	410	336



>PTEN-V175I TIPSQRRYVY	238	>PTEN-V175I TIPSQRRYLY	63	175
>PTEN-V175I TIPSQRRYVY	1051	>PTEN-V175I TIPSQRRYLY	303	748
>PTEN-V175I TIPSQRRYVY	2181	>PTEN-V175I TIPSQRRYLY	486	1695
>PTEN-V175I TIPSQRRYV	67	>PTEN-V175I TIPSQRRYL	780	713
>PTEN-V175I TIPSQRRYVY	6378	>PTEN-V175I TIPSQRRYLY	362	6016
>PTEN-V175I TIPSQRRYV	2924	>PTEN-V175I TIPSQRRYL	303	2621
>PTEN-V175I VTIPSQRRYV	249	>PTEN-V175I VTIPSQRRYL	3352	3103
>PTEN-V175I VTIPSQRRYV	286	>PTEN-V175I VTIPSQRRYL	5655	5369
>PTEN-V175I VTIPSQRRYV	284	>PTEN-V175I VTIPSQRRYL	87	197
>PTEN-V175I VTIPSQRRYV	4252	>PTEN-V175I VTIPSQRRYL	336	3916
>PTEN-V175I VTIPSQRRYV	38	>PTEN-V175I VTIPSQRRYL	97	59
>PTEN-V175I VTIPSQRRYV	509	>PTEN-V175I VTIPSQRRYL	460	49
>PTEN-V175I VTIPSQRRYV	26	>PTEN-V175I VTIPSQRRYL	11	15
>PTEN-V175I VTIPSQRRYV	16	>PTEN-V175I VTIPSQRRYL	17	1
>PTEN-V175I VTIPSQRRYV	906	>PTEN-V175I VTIPSQRRYL	314	592
>PTEN-V175I VTIPSQRRYV	225	>PTEN-V175I VTIPSQRRYL	1321	1096
>PTEN-V175I VTIPSQRRYV	579	>PTEN-V175I VTIPSQRRYL	77	502
>PTEN-V175I VTIPSQRRYV	109	>PTEN-V175I VTIPSQRRYL	529	420
>PTEN-V175I VTIPSQRRYV	205	>PTEN-V175I VTIPSQRRYL	624	419
>PTEN-V175I VTIPSQRRYV	124	>PTEN-V175I VTIPSQRRYL	13	111
>PTEN-V175I VTIPSQRRYV	4	>PTEN-V175I VTIPSQRRYL	4	0
>PTEN-V175I VTIPSQRRYV	2601	>PTEN-V175I VTIPSQRRYL	367	2234
>PTEN-V175I VTIPSQRRYV	111	>PTEN-V175I VTIPSQRRYL	99	12
>PTEN-V175I VTIPSQRRYV	76	>PTEN-V175I VTIPSQRRYL	85	9
>PTEN-V175I VTIPSQRRYV	616	>PTEN-V175I VTIPSQRRYL	107	509
>PTEN-V175I VTIPSQRRYV	37	>PTEN-V175I VTIPSQRRYL	24	13
>PTEN-V175I VTIPSQRRYV	256	>PTEN-V175I VTIPSQRRYL	1812	1556
>PTEN-V175I VTIPSQRRYV	817	>PTEN-V175I VTIPSQRRYL	432	385
>PTEN-V216I VVCQLKVK	204	>PTEN-V216I MVCQLKVK	113	91
>PTEN-V216I VVCQLKVKIY	635	>PTEN-V216I MVCQLKVKIY	389	246
>PTEN-V216I VVCQLKVK	4151	>PTEN-V216I MVCQLKVK	478	3673
>PTEN-V216I VVCQLKVK	4066	>PTEN-V216I MVCQLKVK	116	3950
>PTEN-V216I VVCQLKVKIY	1031	>PTEN-V216I MVCQLKVKIY	471	560
>PTEN-V216I FVVCQLKV	81	>PTEN-V216I FMVCQLKV	11	70
>PTEN-V216I FVVCQLKVKI	5889	>PTEN-V216I FMVCQLKVKI	313	5576
>PTEN-V216I FVVCQLKV	60	>PTEN-V216I FMVCQLKV	5	55
>PTEN-V216I FVVCQLKVKI	1905	>PTEN-V216I FMVCQLKVKI	166	1739
>PTEN-V216I FVVCQLKV	19	>PTEN-V216I FMVCQLKV	4	15
>PTEN-V216I FVVCQLKVKI	1321	>PTEN-V216I FMVCQLKVKI	148	1173
>PTEN-V216I FVVCQLKV	8	>PTEN-V216I FMVCQLKV	6	2
>PTEN-V216I FVVCQLKVKI	279	>PTEN-V216I FMVCQLKVKI	147	132
>PTEN-V216I FVVCQLKV	43	>PTEN-V216I FMVCQLKV	2	41
>PTEN-V216I FVVCQLKVKI	820	>PTEN-V216I FMVCQLKVKI	7	813

>PTEN-V216I FVVCQLKV	67	>PTEN-V216I FMVCQLKV	3	64
>PTEN-V216I FVVCQLKVKI	1498	>PTEN-V216I FMVCQLKVKI	13	1485
>PTEN-V216I FVVCQLKV	203	>PTEN-V216I FMVCQLKV	7	196
>PTEN-V216I FVVCQLKVKI	6170	>PTEN-V216I FMVCQLKVKI	76	6094
>PTEN-V216I FVVCQLKV	907	>PTEN-V216I FMVCQLKV	9	898
>PTEN-V216I FVVCQLKVKI	13464	>PTEN-V216I FMVCQLKVKI	490	12974
>PTEN-V216I FVVCQLKV	13	>PTEN-V216I FMVCQLKV	2	11
>PTEN-V216I FVVCQLKVKI	2498	>PTEN-V216I FMVCQLKVKI	23	2475
>PTEN-V216I FVVCQLKVKI'	160	>PTEN-V216I FMVCQLKVKI'	3663	3503
>PTEN-V216I FVVCQLKVKI'	9	>PTEN-V216I FMVCQLKVKI'	190	181
>PTEN-V216I FVVCQLKVKI'	137	>PTEN-V216I FMVCQLKVKI'	41	96
>PTEN-V216I FVVCQLKV	33	>PTEN-V216I FMVCQLKV	1036	1003
>PTEN-V216I FVVCQLKV	78	>PTEN-V216I FMVCQLKV	321	243
>PTEN-V216I FVVCQLKVKI'	573	>PTEN-V216I FMVCQLKVKI'	88	485
>PTEN-V216I FVVCQLKVKI'	849	>PTEN-V216I FMVCQLKVKI'	96	753
>PTEN-V216I FVVCQLKV	6299	>PTEN-V216I FMVCQLKV	183	6116
>PTEN-V216I FVVCQLKVKI	5411	>PTEN-V216I FMVCQLKVKI	159	5252
>PTEN-V216I FVVCQLKVKI'	388	>PTEN-V216I FMVCQLKVKI'	12	376
>PTEN-V216I FVVCQLKVKI'	231	>PTEN-V216I FMVCQLKVKI'	418	187
>PTEN-V216I FSGGTCNPQI	143	>PTEN-V216I FSGGTCNPQI	1950	1807
>PTEN-V216I FSGGTCNPQI	311	>PTEN-V216I FSGGTCNPQI	6508	6197
>PTEN-V216I FSGGTCNPQI	156	>PTEN-V216I FSGGTCNPQI	7126	6970
>PTEN-V216I FSGGTCNPQI	382	>PTEN-V216I FSGGTCNPQI	10885	10503
>PTEN-V216I FSGGTCNPQI	8966	>PTEN-V216I FSGGTCNPQI	409	8557
>PTEN-V216I FSGGTCNPQI	2647	>PTEN-V216I FSGGTCNPQI	259	2388
>PTEN-V216I QFVVCQLKVI	538	>PTEN-V216I QFMVCQLKV	495	43
>PTEN-V216I QFVVCQLKVI	1654	>PTEN-V216I QFMVCQLKV	198	1456
>PTEN-V216I PQFVVCQL	328	>PTEN-V216I PQFMVCQL	253	75
>PTEN-V216I NPQFVVCQLI	443	>PTEN-V216I NPQFMVCQL	709	266
>PTEN-V216I TCNPQFVV	293	>PTEN-V216I TCNPQFMV	169	124
>PTEN-V216I TCNPQFVV	1514	>PTEN-V216I TCNPQFMV	248	1266
>PTEN-V216I GTCNPQFV	37	>PTEN-V216I GTCNPQFM	4722	4685
>PTEN-V216I GTCNPQFV	465	>PTEN-V216I GTCNPQFM	14467	14002
>PTEN-V216I GTCNPQFV	402	>PTEN-V216I GTCNPQFM	23187	22785
>PTEN-V216I GTCNPQFV	16349	>PTEN-V216I GTCNPQFM	452	15897
>PTEN-V216I GTCNPQFV	3760	>PTEN-V216I GTCNPQFM	138	3622
>PTEN-V216I SGGTCNPQFI	7426	>PTEN-V216I SGGTCNPQFI	301	7125
>PTEN-V217I VVCQLKVK	204	>PTEN-V217I VACQLKVK	1329	1125
>PTEN-V217I VVCQLKVKIY	1031	>PTEN-V217I VACQLKVKIY	108	923
>PTEN-V217I FVVCQLKV	81	>PTEN-V217I FVACQLKV	29	52
>PTEN-V217I FVVCQLKV	60	>PTEN-V217I FVACQLKV	13	47
>PTEN-V217I FVVCQLKV	19	>PTEN-V217I FVACQLKV	8	11
>PTEN-V217I FVVCQLKV	8	>PTEN-V217I FVACQLKV	10	2

>PTEN-V217/FVVCQLKVKI	279	>PTEN-V217/FVACQLKVKI	558	279
>PTEN-V217/FVVCQLKV	43	>PTEN-V217/FVACQLKV	35	8
>PTEN-V217/FVVCQLKV	67	>PTEN-V217/FVACQLKV	65	2
>PTEN-V217/FVVCQLKV	203	>PTEN-V217/FVACQLKV	53	150
>PTEN-V217/FVVCQLKV	907	>PTEN-V217/FVACQLKV	75	832
>PTEN-V217/FVVCQLKV	13	>PTEN-V217/FVACQLKV	7	6
>PTEN-V217/FVVCQLKVKI'	160	>PTEN-V217/FVACQLKVKI'	212	52
>PTEN-V217/FVVCQLKVKI'	9	>PTEN-V217/FVACQLKVKI'	28	19
>PTEN-V217/FVVCQLKVKI'	137	>PTEN-V217/FVACQLKVKI'	92	45
>PTEN-V217/FVVCQLKV	33	>PTEN-V217/FVACQLKV	13	20
>PTEN-V217/FVVCQLKV	78	>PTEN-V217/FVACQLKV	50	28
>PTEN-V217/FVVCQLKVKI	571	>PTEN-V217/FVACQLKVKI	384	187
>PTEN-V217/FVVCQLKVKI'	573	>PTEN-V217/FVACQLKVKI'	431	142
>PTEN-V217/FVVCQLKVKI'	849	>PTEN-V217/FVACQLKVKI'	469	380
>PTEN-V217/FVVCQLKVKI'	388	>PTEN-V217/FVACQLKVKI'	450	62
>PTEN-V217/FVVCQLKVKI'	231	>PTEN-V217/FVACQLKVKI'	196	35
>PTEN-V217/FVVCQLKVKI'	529	>PTEN-V217/FVACQLKVKI'	485	44
>PTEN-V217/QFVVCQLK	1046	>PTEN-V217/QFVACQLK	315	731
>PTEN-V217/QFVVCQLKVF	767	>PTEN-V217/QFVACQLKVF	219	548
>PTEN-V217/PQFVVCQL	328	>PTEN-V217/PQFVACQL	298	30
>PTEN-V217/NPQFVVCQLI	443	>PTEN-V217/NPQFVACQLI	718	275
>PTEN-V217/TCNPQFVV	293	>PTEN-V217/TCNPQFVA	2647	2354
>PTEN-V217I VVCQLKVK	204	>PTEN-V217I VICQLKVK	448	244
>PTEN-V217I SGGTCNPQFV	12479	>PTEN-V217I SGGTCNPQFV	382	12097
>PTEN-V217I FVVCQLKV	81	>PTEN-V217I FVICQLKV	26	55
>PTEN-V217I FVVCQLKV	60	>PTEN-V217I FVICQLKV	41	19
>PTEN-V217I FVVCQLKV	19	>PTEN-V217I FVICQLKV	11	8
>PTEN-V217I FVVCQLKV	8	>PTEN-V217I FVICQLKV	6	2
>PTEN-V217I FVVCQLKV	43	>PTEN-V217I FVICQLKV	29	14
>PTEN-V217I FVVCQLKV	67	>PTEN-V217I FVICQLKV	22	45
>PTEN-V217I FVVCQLKV	203	>PTEN-V217I FVICQLKV	152	51
>PTEN-V217I FVVCQLKV	13	>PTEN-V217I FVICQLKV	10	3
>PTEN-V217I FVVCQLKVKI'	160	>PTEN-V217I FVICQLKVKIY	83	77
>PTEN-V217I FVVCQLKVKI'	9	>PTEN-V217I FVICQLKVKIY	6	3
>PTEN-V217I FVVCQLKVKI'	137	>PTEN-V217I FVICQLKVKIY	59	78
>PTEN-V217I FVVCQLKV	33	>PTEN-V217I FVICQLKV	19	14
>PTEN-V217I FVVCQLKV	78	>PTEN-V217I FVICQLKV	61	17
>PTEN-V217I FVVCQLKVKI	571	>PTEN-V217I FVICQLKVKI	448	123
>PTEN-V217I FVVCQLKVKI'	573	>PTEN-V217I FVICQLKVKIY	313	260
>PTEN-V217I FVVCQLKVKI'	388	>PTEN-V217I FVICQLKVKIY	310	78
>PTEN-V217I FVVCQLKVKI'	231	>PTEN-V217I FVICQLKVKIY	258	27
>PTEN-V217I QFVVCQLK	1046	>PTEN-V217I QFVICQLK	438	608
>PTEN-V217I QFVVCQLKVF	767	>PTEN-V217I QFVICQLKVK	359	408

>PTEN-V217I PQFVVCQL	328	>PTEN-V217I PQFVICQL	361	33
>PTEN-V217I CNPQFVVCQ	625	>PTEN-V217I CNPQFVICQL	354	271
>PTEN-V217I TCNPQFVV	293	>PTEN-V217I TCNPQFVI	1301	1008
>PTEN-V222/ VKIYSSNS	338	>PTEN-V222/ AKIYSSNS	190	148
>PTEN-V222/ VKIYSSNSGP	308	>PTEN-V222/ AKIYSSNSGP	186	122
>PTEN-V222/ VKIYSSNSGP1	660	>PTEN-V222/ AKIYSSNSGP1	350	310
>PTEN-V222/ KVKIYSSN	115	>PTEN-V222/ KAKIYSSN	402	287
>PTEN-V222/ KVKIYSSNSG	14	>PTEN-V222/ KAKIYSSNSG	36	22
>PTEN-V222/ KVKIYSSNSGF	192	>PTEN-V222/ KAKIYSSNSGF	673	481
>PTEN-V222/ LKVKIYSSNS	496	>PTEN-V222/ LKAKIYSSNS	634	138
>PTEN-V222/ CQLKVKIY	27	>PTEN-V222/ CQLKAKIY	26	1
>PTEN-V222/ VVCQLKVK	204	>PTEN-V222/ VVCQLKAK	192	12
>PTEN-V222/ FVVCQLKV	81	>PTEN-V222/ FVVCQLKA	1347	1266
>PTEN-V222/ FVVCQLKV	60	>PTEN-V222/ FVVCQLKA	620	560
>PTEN-V222/ FVVCQLKV	19	>PTEN-V222/ FVVCQLKA	122	103
>PTEN-V222/ FVVCQLKV	8	>PTEN-V222/ FVVCQLKA	61	53
>PTEN-V222/ FVVCQLKV	43	>PTEN-V222/ FVVCQLKA	2527	2484
>PTEN-V222/ FVVCQLKV	67	>PTEN-V222/ FVVCQLKA	3922	3855
>PTEN-V222/ FVVCQLKV	203	>PTEN-V222/ FVVCQLKA	7378	7175
>PTEN-V222/ FVVCQLKV	13	>PTEN-V222/ FVVCQLKA	2284	2271
>PTEN-V222/ FVVCQLKVKI'	160	>PTEN-V222/ FVVCQLKAKI'	200	40
>PTEN-V222/ FVVCQLKVKI'	9	>PTEN-V222/ FVVCQLKAKI'	23	14
>PTEN-V222/ FVVCQLKVKI'	137	>PTEN-V222/ FVVCQLKAKI'	74	63
>PTEN-V222/ FVVCQLKV	33	>PTEN-V222/ FVVCQLKA	306	273
>PTEN-V222/ FVVCQLKV	78	>PTEN-V222/ FVVCQLKA	2041	1963
>PTEN-V222/ FVVCQLKVKI	571	>PTEN-V222/ FVVCQLKAKI	308	263
>PTEN-V222/ FVVCQLKVKI'	388	>PTEN-V222/ FVVCQLKAKI'	425	37
>PTEN-V222/ FVVCQLKVKI'	565	>PTEN-V222/ FVVCQLKAKI'	352	213
>PTEN-V222/ FVVCQLKVKI'	231	>PTEN-V222/ FVVCQLKAKI'	163	68
>PTEN-V222/ FVVCQLKVKI'	529	>PTEN-V222/ FVVCQLKAKI'	420	109
>PTEN-V255/ VEFFHKQNKI'	136	>PTEN-V255/ AEFFHKQNKI'	287	151
>PTEN-V255/ VEFFHKQNKI'	417	>PTEN-V255/ AEFFHKQNKI'	4045	3628
>PTEN-V255/ VEFFHKQNKI'	42	>PTEN-V255/ AEFFHKQNKI'	16	26
>PTEN-V255/ VEFFHKQNKI'	116	>PTEN-V255/ AEFFHKQNKI'	30	86
>PTEN-V255/ VEFFHKQNKI'	451	>PTEN-V255/ AEFFHKQNKI'	83	368
>PTEN-V255/ VEFFHKQNKI'	82	>PTEN-V255/ AEFFHKQNKI'	23	59
>PTEN-V255/ KVEFFHKQNKI'	22	>PTEN-V255/ KAEFFHKQNKI'	67	45
>PTEN-V255/ KVEFFHKQNKI'	2774	>PTEN-V255/ KAEFFHKQNKI'	410	2364
>PTEN-V255/ KVEFFHKQNKI'	184	>PTEN-V255/ KAEFFHKQNKI'	370	186
>PTEN-V255/ IKVEFFHK	1021	>PTEN-V255/ IKAEFFHK	485	536
>PTEN-V255/ IKVEFFHK	330	>PTEN-V255/ IKAEFFHK	402	72
>PTEN-V255/ IKVEFFHKQN	265	>PTEN-V255/ IKAEFFHKQN	317	52
>PTEN-V255/ IKVEFFHK	531	>PTEN-V255/ IKAEFFHK	288	243

>PTEN-V255/PVCGDIKV	466	>PTEN-V255/PVCGDIKA	15992	15526
>PTEN-V255/PVCGDIKVEF	395	>PTEN-V255/PVCGDIKAEF	150	245
>PTEN-V255/PVCGDIKVEF	21	>PTEN-V255/PVCGDIKAEF	52	31
>PTEN-V255/LPVCGDIKVEI	35	>PTEN-V255/LPVCGDIKAEI	82	47
>PTEN-V255/LPVCGDIKVEI	484	>PTEN-V255/LPVCGDIKAEI	413	71
>PTEN-V255/LPVCGDIKVEI	9	>PTEN-V255/LPVCGDIKAEI	10	1
>PTEN-V255/LPVCGDIKVEI	26	>PTEN-V255/LPVCGDIKAEI	32	6
>PTEN-V255/LPVCGDIKVEI	499	>PTEN-V255/LPVCGDIKAEI	579	80
>PTEN-V255/LPVCGDIKVEI	18	>PTEN-V255/LPVCGDIKAEI	27	9
>PTEN-V255/PLPVCGDIKV	176	>PTEN-V255/PLPVCGDIKA	6140	5964
>PTEN-V255/PLPVCGDIKV	46	>PTEN-V255/PLPVCGDIKA	3844	3798
>PTEN-V275/FWVNTFFI	63	>PTEN-V275/FWANTFFI	16	47
>PTEN-V275/FWVNTFFI	12	>PTEN-V275/FWANTFFI	15	3
>PTEN-V275/FWVNTFFI	35	>PTEN-V275/FWANTFFI	76	41
>PTEN-V275/FWVNTFFI	126	>PTEN-V275/FWANTFFI	67	59
>PTEN-V275/FWVNTFFI	17	>PTEN-V275/FWANTFFI	12	5
>PTEN-V275/FWVNTFFI	39	>PTEN-V275/FWANTFFI	67	28
>PTEN-V275/FWVNTFFIP	203	>PTEN-V275/FWANTFFIP	524	321
>PTEN-V275/FWVNTFFIPG	239	>PTEN-V275/FWANTFFIPG	492	253
>PTEN-V275/HFWVNTFFI	139	>PTEN-V275/HFWANTFFI	216	77
>PTEN-V275/HFWVNTFFI	980	>PTEN-V275/HFWANTFFI	222	758
>PTEN-V275/HFWVNTFF	32	>PTEN-V275/HFWANTFF	39	7
>PTEN-V275/HFWVNTFFI	40	>PTEN-V275/HFWANTFFI	45	5
>PTEN-V275/HFWVNTFFI	202	>PTEN-V275/HFWANTFFI	242	40
>PTEN-V275/HFWVNTFF	17	>PTEN-V275/HFWANTFF	12	5
>PTEN-V275/HFWVNTFFI	13	>PTEN-V275/HFWANTFFI	11	2
>PTEN-V275/HFWVNTFF	107	>PTEN-V275/HFWANTFF	72	35
>PTEN-V275/HFWVNTFFI	281	>PTEN-V275/HFWANTFFI	161	120
>PTEN-V275/HFWVNTFFI	289	>PTEN-V275/HFWANTFFI	183	106
>PTEN-V275/HFWVNTFFI	358	>PTEN-V275/HFWANTFFI	337	21
>PTEN-V275/HFWVNTFFI	619	>PTEN-V275/HFWANTFFI	195	424
>PTEN-V275/HFWVNTFF	510	>PTEN-V275/HFWANTFF	224	286
>PTEN-V275/HFWVNTFF	473	>PTEN-V275/HFWANTFF	346	127
>PTEN-V275/HFWVNTFF	271	>PTEN-V275/HFWANTFF	124	147
>PTEN-V275/HFWVNTFFI	520	>PTEN-V275/HFWANTFFI	306	214
>PTEN-V275/FHFWVNTFFI	25	>PTEN-V275/FHFWANTFFI	34	9
>PTEN-V275/FHFWVNTFF	13414	>PTEN-V275/FHFWANTFF	461	12953
>PTEN-V275/FHFWVNTFFI	545	>PTEN-V275/FHFWANTFFI	462	83
>PTEN-V275/FHFWVNTFFI	126	>PTEN-V275/FHFWANTFFI	286	160
>PTEN-V275/FHFWVNTFFI	378	>PTEN-V275/FHFWANTFFI	528	150
>PTEN-V275/FHFWVNTF	456	>PTEN-V275/FHFWANTF	510	54
>PTEN-V275/FHFWVNTF	93	>PTEN-V275/FHFWANTF	126	33
>PTEN-V275/FHFWVNTFF	326	>PTEN-V275/FHFWANTFF	379	53

>PTEN-V275/FHFWVNTF	7	>PTEN-V275/FHFWANTF	6	1
>PTEN-V275/FHFWVNTFF	10	>PTEN-V275/FHFWANTFF	8	2
>PTEN-V275/FHFWVNTF	483	>PTEN-V275/FHFWANTF	631	148
>PTEN-V275/FHFWVNTF	229	>PTEN-V275/FHFWANTF	139	90
>PTEN-V275/FHFWVNTF	32	>PTEN-V275/FHFWANTF	30	2
>PTEN-V275/FHFWVNTFF	214	>PTEN-V275/FHFWANTFF	241	27
>PTEN-V275/FHFWVNTFFI	50	>PTEN-V275/FHFWANTFFI	45	5
>PTEN-V275/FHFWVNTFF	128	>PTEN-V275/FHFWANTFF	307	179
>PTEN-V275/FHFWVNTFFI	351	>PTEN-V275/FHFWANTFFI	550	199
>PTEN-V275/FHFWVNTF	29	>PTEN-V275/FHFWANTF	24	5
>PTEN-V275/FHFWVNTFF	21	>PTEN-V275/FHFWANTFF	18	3
>PTEN-V275/MFHFWVNTF	112	>PTEN-V275/MFHFWANTF	163	51
>PTEN-V275/MFHFWVNTF	462	>PTEN-V275/MFHFWANTF	795	333
>PTEN-V275/MFHFWVNTF	17	>PTEN-V275/MFHFWANTF	23	6
>PTEN-V275/MFHFWVNTF	391	>PTEN-V275/MFHFWANTF	180	211
>PTEN-V275/MFHFWVNTF	42	>PTEN-V275/MFHFWANTF	53	11
>PTEN-V275/MFHFWVNTF	48	>PTEN-V275/MFHFWANTF	77	29
>PTEN-V275/MFHFWVNTF	369	>PTEN-V275/MFHFWANTF	306	63
>PTEN-V275/MFHFWVNTF	106	>PTEN-V275/MFHFWANTF	138	32
>PTEN-V275/MFHFWVNTF	8	>PTEN-V275/MFHFWANTF	9	1
>PTEN-V275/MFHFWVNTF	13	>PTEN-V275/MFHFWANTF	14	1
>PTEN-V275/MFHFWVNTF	15	>PTEN-V275/MFHFWANTF	19	4
>PTEN-V275/MFHFWVNTF	152	>PTEN-V275/MFHFWANTF	67	85
>PTEN-V275/MFHFWVNTF	163	>PTEN-V275/MFHFWANTF	193	30
>PTEN-V275/MFHFWVNTF	521	>PTEN-V275/MFHFWANTF	330	191
>PTEN-V275/MFHFWVNTF	24	>PTEN-V275/MFHFWANTF	26	2
>PTEN-V275/MFHFWVNTF	198	>PTEN-V275/MFHFWANTF	247	49
>PTEN-V275/MFHFWVNTF	256	>PTEN-V275/MFHFWANTF	262	6
>PTEN-V275/MFHFWVNTF	363	>PTEN-V275/MFHFWANTF	951	588
>PTEN-V275/MFHFWVNTF	303	>PTEN-V275/MFHFWANTF	498	195
>PTEN-V275/MFHFWVNTF	148	>PTEN-V275/MFHFWANTF	102	46
>PTEN-V275/MFHFWVNTF	480	>PTEN-V275/MFHFWANTF	207	273
>PTEN-V275/MFHFWVNTF	210	>PTEN-V275/MFHFWANTF	239	29
>PTEN-V275/MFHFWVNTF	494	>PTEN-V275/MFHFWANTF	843	349
>PTEN-V275/MFHFWVNT	492	>PTEN-V275/MFHFWANT	558	66
>PTEN-V275/MFHFWVNTF	80	>PTEN-V275/MFHFWANTF	85	5
>PTEN-V275/MFHFWVNTF	56	>PTEN-V275/MFHFWANTF	53	3
>PTEN-V275/KMFHFWVN	56	>PTEN-V275/KMFHFWAN	40	16
>PTEN-V275/KMFHFWVN	159	>PTEN-V275/KMFHFWAN	117	42
>PTEN-V275/KMFHFWVN	35	>PTEN-V275/KMFHFWAN	36	1
>PTEN-V275/KMFHFWVN	219	>PTEN-V275/KMFHFWAN	266	47
>PTEN-V275/KMFHFWVN	65	>PTEN-V275/KMFHFWAN	52	13
>PTEN-V275/KMFHFWVN	72	>PTEN-V275/KMFHFWAN	64	8

>PTEN-V275/KMFHFWVN	183	>PTEN-V275/KMFHFWAN	42	141
>PTEN-V275/KMFHFWVN	1138	>PTEN-V275/KMFHFWAN	421	717
>PTEN-V275/KMFHFWVN	107	>PTEN-V275/KMFHFWAN	102	5
>PTEN-V275/KMFHFWVN	110	>PTEN-V275/KMFHFWAN	91	19
>PTEN-V275/KMFHFWVN	163	>PTEN-V275/KMFHFWAN	77	86
>PTEN-V275/KMFHFWVN	22	>PTEN-V275/KMFHFWAN	18	4
>PTEN-V275/KMFHFWVN	29	>PTEN-V275/KMFHFWAN	51	22
>PTEN-V275/KMFHFWVN	45	>PTEN-V275/KMFHFWAN	71	26
>PTEN-V275/KMFHFWVN	130	>PTEN-V275/KMFHFWAN	233	103
>PTEN-V275/KMFHFWVN	357	>PTEN-V275/KMFHFWAN	459	102
>PTEN-V275/KMFHFWVN	379	>PTEN-V275/KMFHFWAN	419	40
>PTEN-V275/KMFHFWVN	456	>PTEN-V275/KMFHFWAN	509	53
>PTEN-V275/KMFHFWVN	133	>PTEN-V275/KMFHFWAN	235	102
>PTEN-V275/KMFHFWVN	644	>PTEN-V275/KMFHFWAN	352	292
>PTEN-V275/KMFHFWVN	175	>PTEN-V275/KMFHFWAN	162	13
>PTEN-V275/KMFHFWVN	397	>PTEN-V275/KMFHFWAN	207	190
>PTEN-V275/KMFHFWVN	807	>PTEN-V275/KMFHFWAN	466	341
>PTEN-V275/KMFHFWVN	444	>PTEN-V275/KMFHFWAN	287	157
>PTEN-V275/KMFHFWVN	433	>PTEN-V275/KMFHFWAN	338	95
>PTEN-V275/KMFHFWVN	89	>PTEN-V275/KMFHFWAN	114	25
>PTEN-V275/KMFHFWVN	429	>PTEN-V275/KMFHFWAN	245	184
>PTEN-V275/KMFHFWVN	202	>PTEN-V275/KMFHFWAN	1189	987
>PTEN-V275/KMFHFWVN	3	>PTEN-V275/KMFHFWAN	4	1
>PTEN-V275/KMFHFWVN	7	>PTEN-V275/KMFHFWAN	10	3
>PTEN-V275/KMFHFWVN	34	>PTEN-V275/KMFHFWAN	37	3
>PTEN-V275/KMFHFWVN	43	>PTEN-V275/KMFHFWAN	37	6
>PTEN-V275/KMFHFWVN	165	>PTEN-V275/KMFHFWAN	115	50
>PTEN-V275/KMFHFWVN	248	>PTEN-V275/KMFHFWAN	169	79
>PTEN-V275/KMFHFWVN	314	>PTEN-V275/KMFHFWAN	264	50
>PTEN-V275/KMFHFWVN	103	>PTEN-V275/KMFHFWAN	243	140
>PTEN-V275/KMFHFWVN	2	>PTEN-V275/KMFHFWAN	2	0
>PTEN-V275/KMFHFWVN	3	>PTEN-V275/KMFHFWAN	3	0
>PTEN-V275/KMFHFWVN	32	>PTEN-V275/KMFHFWAN	19	13
>PTEN-V275/KMFHFWVN	67	>PTEN-V275/KMFHFWAN	34	33
>PTEN-V275/KMFHFWVN	121	>PTEN-V275/KMFHFWAN	101	20
>PTEN-V275/KMFHFWVN	232	>PTEN-V275/KMFHFWAN	193	39
>PTEN-V275/KMFHFWVN	38	>PTEN-V275/KMFHFWAN	36	2
>PTEN-V275/KMFHFWVN	28	>PTEN-V275/KMFHFWAN	28	0
>PTEN-V275/KMFHFWVN	100	>PTEN-V275/KMFHFWAN	92	8
>PTEN-V275/KMFHFWVN	161	>PTEN-V275/KMFHFWAN	213	52
>PTEN-V275/KMFHFWVN	214	>PTEN-V275/KMFHFWAN	428	214
>PTEN-V275/DKMFHFWVF	19	>PTEN-V275/DKMFHFWVF	20	1
>PTEN-V275/DKMFHFWVF	190	>PTEN-V275/DKMFHFWVF	216	26

>PTEN-V275/KDKMFHFW\	395	>PTEN-V275/KDKMFHFW/	608	213
>PTEN-V275/KDKMFHFW\	1359	>PTEN-V275/KDKMFHFW/	288	1071
>PTEN-V365I VTPDVSDNE	553	>PTEN-V365I ITPDVSDNE	498	55
>PTEN-V365I SNPEASSSTSI	7492	>PTEN-V365I SNPEASSSTSI	159	7333
>PTEN-V365I STSVTPDV	172	>PTEN-V365I STSITPDV	136	36
>PTEN-V365I STSVTPDV	364	>PTEN-V365I STSITPDV	388	24
>PTEN-V365I STSVTPDV	260	>PTEN-V365I STSITPDV	232	28
>PTEN-V365I SSTSVPDV	513	>PTEN-V365I SSTSITPDV	479	34
>PTEN-V365I SSSTSVTPDV	325	>PTEN-V365I SSSTSITPDV	232	93
>PTEN-V365I SSSTSVTPDV	389	>PTEN-V365I SSSTSITPDV	308	81
>PTEN-V365I ASSSTSVTPD'	438	>PTEN-V365I ASSSTSITPDV	590	152
>PTEN-V365I EASSSTSV	12	>PTEN-V365I EASSSTSI	33	21
>PTEN-V365I EASSSTSV	27	>PTEN-V365I EASSSTSI	168	141
>PTEN-V365I EASSSTSV	14452	>PTEN-V365I EASSSTSI	291	14161
>PTEN-V365I PEASSSTSV	590	>PTEN-V365I PEASSSTSI	75	515
>PTEN-V365I PEASSSTSV	491	>PTEN-V365I PEASSSTSI	110	381
>PTEN-V365I NPEASSSTSV	1772	>PTEN-V365I NPEASSSTSI	235	1537
>PTEN-V365I NPEASSSTSV	130	>PTEN-V365I NPEASSSTSI	160	30
>PTEN-V365I NPEASSSTSV'	394	>PTEN-V365I NPEASSSTSIT	691	297
>PTEN-V365I NPEASSSTSV	370	>PTEN-V365I NPEASSSTSI	265	105
>PTEN-V369(VSDNEPDHY	13	>PTEN-V369(GSDNEPDHY	21	8
>PTEN-V369(VSDNEPDHYI	12	>PTEN-V369(GSDNEPDHYI	21	9
>PTEN-V369(VSDNEPDHYI	734	>PTEN-V369(GSDNEPDHYI	489	245
>PTEN-V369(VSDNEPDHYI	120	>PTEN-V369(GSDNEPDHYI	227	107
>PTEN-V369(VSDNEPDHY	458	>PTEN-V369(GSDNEPDHY	2074	1616
>PTEN-V369(VSDNEPDHYI	57	>PTEN-V369(GSDNEPDHYI	246	189
>PTEN-V369(VSDNEPDHYI	415	>PTEN-V369(GSDNEPDHYI	257	158
>PTEN-V369(VSDNEPDHYI	276	>PTEN-V369(GSDNEPDHYI	133	143
>PTEN-V369(DVSDNEPDH'	75	>PTEN-V369(DGSDNEPDH	453	378
>PTEN-V369(DVSDNEPDH'	38	>PTEN-V369(DGSDNEPDH	17969	17931
>PTEN-V369(DVSDNEPDH'	69	>PTEN-V369(DGSDNEPDH	2724	2655
>PTEN-V369(DVSDNEPDH'	6	>PTEN-V369(DGSDNEPDH	138	132
>PTEN-V369(DVSDNEPDH'	447	>PTEN-V369(DGSDNEPDH	644	197
>PTEN-V369( ASSSTSVTPD'	438	>PTEN-V369( ASSSTSVTPD(	7638	7200
>PTEN-V369( STSVTPDV	172	>PTEN-V369( STSVTPDG	23907	23735
>PTEN-V369( STSVTPDV	364	>PTEN-V369( STSVTPDG	17830	17466
>PTEN-V369( STSVTPDV	260	>PTEN-V369( STSVTPDG	19317	19057
>PTEN-V369( SSSTSVTPDV	325	>PTEN-V369( SSSTSVTPDG	30733	30408
>PTEN-V369( SSSTSVTPDV	389	>PTEN-V369( SSSTSVTPDG	13322	12933
>PTEN-V53A- VVRFLDSKHK	408	>PTEN-V53A- AVRFLDSKHK	139	269
>PTEN-V53A- VVRFLDSK	455	>PTEN-V53A- AVRFLDSK	261	194
>PTEN-V53A- VVRFLDSKHK	560	>PTEN-V53A- AVRFLDSKHK	163	397
>PTEN-V53A- VVRFLDSK	17	>PTEN-V53A- AVRFLDSK	5	12



>PTEN-V53A·VVRFLDSKHK	13	>PTEN-V53A·AVRFLDSKHK	5	8
>PTEN-V53A·VVRFLDSKH	57	>PTEN-V53A·AVRFLDSKH	84	27
>PTEN-V53A·DVVRFLDSK	493	>PTEN-V53A·DAVRFLDSK	9438	8945
>PTEN-V53A·DVVRFLDSKH	129	>PTEN-V53A·DAVRFLDSKH	3099	2970
>PTEN-V53A·DVVRFLDSK	18	>PTEN-V53A·DAVRFLDSK	24	6
>PTEN-V53A·DVVRFLDSKH	102	>PTEN-V53A·DAVRFLDSKH	132	30
>PTEN-V53A·NIDDVVRFL	171	>PTEN-V53A·NIDDAVRFL	160	11
>PTEN-V53A·NIDDVVRFL	272	>PTEN-V53A·NIDDAVRFL	297	25
>PTEN-V53A·NIDDVVRFL	30	>PTEN-V53A·NIDDAVRFL	182	152
>PTEN-V53A·NIDDVVRFL	320	>PTEN-V53A·NIDDAVRFL	785	465
>PTEN-V53A·NIDDVVRFL	464	>PTEN-V53A·NIDDAVRFL	302	162
>PTEN-V53A·NIDDVVRFL	324	>PTEN-V53A·NIDDAVRFL	231	93
>PTEN-V53A·NNIDDVVR	192	>PTEN-V53A·NNIDDAVR	181	11
>PTEN-V53A·RNNIDDVVR	450	>PTEN-V53A·RNNIDDAVR	774	324
>PTEN-V53A·RNNIDDVVR	474	>PTEN-V53A·RNNIDDAVR	1208	734
>PTEN-V53A·YRNNIDDVVF	48	>PTEN-V53A·YRNNIDDAVF	56	8
>PTEN-V53A·YRNNIDDVVF	119	>PTEN-V53A·YRNNIDDAVF	127	8
>PTEN-V53A·VYRNNIDDV\	219	>PTEN-V53A·VYRNNIDDA\	183	36
>PTEN-V53A·VYRNNIDDV\	173	>PTEN-V53A·VYRNNIDDA\	285	112
>PTEN-V53A·GVYRNNIDD\	225	>PTEN-V53A·GVYRNNIDDA\	1681	1456
>PTEN-V53A·GVYRNNIDD\	938	>PTEN-V53A·GVYRNNIDDA\	357	581
>PTEN-V53A·GVYRNNIDD\	939	>PTEN-V53A·GVYRNNIDDA\	216	723
>PTEN-V53A·GVYRNNIDD\	86	>PTEN-V53A·GVYRNNIDDA\	3807	3721
>PTEN-V53A·GVYRNNIDD\	103	>PTEN-V53A·GVYRNNIDDA\	50	53
>PTEN-V53A·GVYRNNIDD\	106	>PTEN-V53A·GVYRNNIDDA\	4433	4327
>PTEN-V53A·GVYRNNIDD\	113	>PTEN-V53A·GVYRNNIDDA\	56	57
>PTEN-V53A·GVYRNNIDD\	97	>PTEN-V53A·GVYRNNIDDA\	5671	5574
>PTEN-V53A·GVYRNNIDD\	100	>PTEN-V53A·GVYRNNIDDA\	106	6
>PTEN-V53A·GVYRNNIDD\	36	>PTEN-V53A·GVYRNNIDDA\	4123	4087
>PTEN-V53A·GVYRNNIDD\	78	>PTEN-V53A·GVYRNNIDDA\	71	7
>PTEN-V53G·VVRFLDSKHK	408	>PTEN-V53G·GVRFLDSKHK	415	7
>PTEN-V53G·VVRFLDSK	455	>PTEN-V53G·GVRFLDSK	401	54
>PTEN-V53G·VVRFLDSK	17	>PTEN-V53G·GVRFLDSK	14	3
>PTEN-V53G·VVRFLDSKHK	13	>PTEN-V53G·GVRFLDSKHK	10	3
>PTEN-V53G·VVRFLDSKH	57	>PTEN-V53G·GVRFLDSKH	38	19
>PTEN-V53G·DVVRFLDSK	493	>PTEN-V53G·DGVVRFLDSK	30140	29647
>PTEN-V53G·DVVRFLDSKH	129	>PTEN-V53G·DGVVRFLDSKH	21176	21047
>PTEN-V53G·DVVRFLDSK	18	>PTEN-V53G·DGVVRFLDSK	894	876
>PTEN-V53G·DVVRFLDSKH	102	>PTEN-V53G·DGVVRFLDSKH	2982	2880
>PTEN-V53G·NIDDVVRFL	171	>PTEN-V53G·NIDDGVRFL	392	221
>PTEN-V53G·NIDDVVRFL	272	>PTEN-V53G·NIDDGVRFL	259	13
>PTEN-V53G·NIDDVVRFL	30	>PTEN-V53G·NIDDGVRFL	96	66
>PTEN-V53G·NIDDVVRFL	320	>PTEN-V53G·NIDDGVRFL	662	342

>PTEN-V53G·NIDDVVRFL	464	>PTEN-V53G·NIDDGVRFL	334	130
>PTEN-V53G·NIDDVVRFL	324	>PTEN-V53G·NIDDGVRFL	329	5
>PTEN-V53G·NNIDDVVR	192	>PTEN-V53G·NNIDDGVR	636	444
>PTEN-V53G·RNNIDDVVR	450	>PTEN-V53G·RNNIDDGVR	836	386
>PTEN-V53G·RNNIDDVVR	474	>PTEN-V53G·RNNIDDGVR	3197	2723
>PTEN-V53G·YRNNIDDVVF	48	>PTEN-V53G·YRNNIDDGVF	54	6
>PTEN-V53G·YRNNIDDVVF	119	>PTEN-V53G·YRNNIDDGVF	136	17
>PTEN-V53G·VYRNNIDDV\	219	>PTEN-V53G·VYRNNIDDG\	616	397
>PTEN-V53G·VYRNNIDDV\	173	>PTEN-V53G·VYRNNIDDG\	485	312
>PTEN-V53G·GVYRNNIDD\	225	>PTEN-V53G·GVYRNNIDD\	22764	22539
>PTEN-V53G·GVYRNNIDD\	938	>PTEN-V53G·GVYRNNIDD\	353	585
>PTEN-V53G·GVYRNNIDD\	939	>PTEN-V53G·GVYRNNIDD\	257	682
>PTEN-V53G·GVYRNNIDD\	86	>PTEN-V53G·GVYRNNIDD\	22734	22648
>PTEN-V53G·GVYRNNIDD\	103	>PTEN-V53G·GVYRNNIDD\	45	58
>PTEN-V53G·GVYRNNIDD\	106	>PTEN-V53G·GVYRNNIDD\	19226	19120
>PTEN-V53G·GVYRNNIDD\	113	>PTEN-V53G·GVYRNNIDD\	54	59
>PTEN-V53G·GVYRNNIDD\	97	>PTEN-V53G·GVYRNNIDD\	23225	23128
>PTEN-V53G·GVYRNNIDD\	100	>PTEN-V53G·GVYRNNIDD\	43	57
>PTEN-V53G·GVYRNNIDD\	36	>PTEN-V53G·GVYRNNIDD\	32176	32140
>PTEN-V53G·GVYRNNIDD\	78	>PTEN-V53G·GVYRNNIDD\	48	30
>PTEN-V54L·VRFLDSKH	482	>PTEN-V54L·LRFLDSKH	240	242
>PTEN-V54L·VRFLDSKHK	137	>PTEN-V54L·LRFLDSKHK	84	53
>PTEN-V54L·VRFLDSKHKN	834	>PTEN-V54L·LRFLDSKHKN	412	422
>PTEN-V54L·VVRFLDSK	644	>PTEN-V54L·VLRFLDSK	210	434
>PTEN-V54L·VVRFLDSKHK	408	>PTEN-V54L·VLRFLDSKHK	182	226
>PTEN-V54L·VVRFLDSK	455	>PTEN-V54L·VLRFLDSK	2573	2118
>PTEN-V54L·VVRFLDSK	17	>PTEN-V54L·VLRFLDSK	114	97
>PTEN-V54L·VVRFLDSKHK	13	>PTEN-V54L·VLRFLDSKHK	69	56
>PTEN-V54L·VVRFLDSKH	57	>PTEN-V54L·VLRFLDSKH	301	244
>PTEN-V54L·GVYRNNIDD\	103	>PTEN-V54L·GVYRNNIDD\	1467	1364
>PTEN-V54L·GVYRNNIDD\	113	>PTEN-V54L·GVYRNNIDD\	1441	1328
>PTEN-V54L·GVYRNNIDD\	100	>PTEN-V54L·GVYRNNIDD\	2539	2439
>PTEN-V54L·GVYRNNIDD\	78	>PTEN-V54L·GVYRNNIDD\	1710	1632
>PTEN-V54L·DVVRFLDSK	493	>PTEN-V54L·DVLRFLLDSK	3984	3491
>PTEN-V54L·DVVRFLDSKH	129	>PTEN-V54L·DVLRFLLDSKH	1136	1007
>PTEN-V54L·DVVRFLDSK	18	>PTEN-V54L·DVLRFLLDSK	85	67
>PTEN-V54L·DVVRFLDSKH	102	>PTEN-V54L·DVLRFLLDSKH	462	360
>PTEN-V54L·NIDDVVRFL	171	>PTEN-V54L·NIDDVLRFL	146	25
>PTEN-V54L·NIDDVVRFL	272	>PTEN-V54L·NIDDVLRFL	65	207
>PTEN-V54L·NIDDVVRFL	30	>PTEN-V54L·NIDDVLRFL	55	25
>PTEN-V54L·NIDDVVRFL	320	>PTEN-V54L·NIDDVLRFL	584	264
>PTEN-V54L·NIDDVVRFL	464	>PTEN-V54L·NIDDVLRFL	870	406
>PTEN-V54L·NIDDVVRFL	324	>PTEN-V54L·NIDDVLRFL	280	44

>PTEN-V54L- NNIDDVVR	192	>PTEN-V54L- NNIDDVLR	92	100
>PTEN-V54L- RNNIDDVVR	837	>PTEN-V54L- RNNIDDVLR	297	540
>PTEN-V54L- RNNIDDVVR	450	>PTEN-V54L- RNNIDDVLR	828	378
>PTEN-V54L- RNNIDDVVR	474	>PTEN-V54L- RNNIDDVLR	330	144
>PTEN-V54L- YRNNIDDVVF	48	>PTEN-V54L- YRNNIDDVLR	61	13
>PTEN-V54L- YRNNIDDVV	1277	>PTEN-V54L- YRNNIDDVL	443	834
>PTEN-V54L- YRNNIDDVVF	119	>PTEN-V54L- YRNNIDDVLR	104	15
>PTEN-V54L- YRNNIDDVV	2092	>PTEN-V54L- YRNNIDDVL	134	1958
>PTEN-V54L- VYRNNIDDV\	1198	>PTEN-V54L- VYRNNIDDVL	42	1156
>PTEN-V54L- VYRNNIDDV\	219	>PTEN-V54L- VYRNNIDDVL	102	117
>PTEN-V54L- VYRNNIDDV\	712	>PTEN-V54L- VYRNNIDDVL	252	460
>PTEN-V54L- VYRNNIDDV\	173	>PTEN-V54L- VYRNNIDDVL	125	48
>PTEN-V85A- CRVAQYPF	32	>PTEN-V85A- CRAAQYPF	36	4
>PTEN-V85A- CRVAQYPF	283	>PTEN-V85A- CRAAQYPF	227	56
>PTEN-V85A- CRVAQYPF	214	>PTEN-V85A- CRAAQYPF	154	60
>PTEN-V85A- CRVAQYPF	618	>PTEN-V85A- CRAAQYPF	385	233
>PTEN-V85A- NCRVAQYPF	697	>PTEN-V85A- NCRAAQYPF	457	240
>PTEN-V85A- FNCRVAQY	418	>PTEN-V85A- FNCRAAQY	321	97
>PTEN-V85A- FNCRVAQYF	544	>PTEN-V85A- FNCRAAQYF	315	229
>PTEN-V85A- FNCRVAQYF	119	>PTEN-V85A- FNCRAAQYF	73	46
>PTEN-V85A- KFNCRVAQYF	235	>PTEN-V85A- KFNCRAAQYF	331	96
>PTEN-V85A- KFNCRVAQYF	412	>PTEN-V85A- KFNCRAAQYF	556	144
>PTEN-V85A- KFNCRVAQYF	140	>PTEN-V85A- KFNCRAAQYF	177	37
>PTEN-V85A- KFNCRVAQY	167	>PTEN-V85A- KFNCRAAQY	76	91
>PTEN-V85A- KFNCRVAQY	377	>PTEN-V85A- KFNCRAAQY	992	615
>PTEN-V85A- KFNCRVAQYF	170	>PTEN-V85A- KFNCRAAQYF	267	97
>PTEN-V85A- KFNCRVAQYF	101	>PTEN-V85A- KFNCRAAQYF	102	1
>PTEN-V85A- KFNCRVAQY	759	>PTEN-V85A- KFNCRAAQY	450	309
>PTEN-V85A- KFNCRVAQYF	431	>PTEN-V85A- KFNCRAAQYF	584	153
>PTEN-V85A- KFNCRVAQYF	331	>PTEN-V85A- KFNCRAAQYF	422	91
>PTEN-V85A- KFNCRVAQY	131	>PTEN-V85A- KFNCRAAQY	76	55
>PTEN-V85A- AKFNCRVAQ'	381	>PTEN-V85A- AKFNCRAAQ'	214	167
>PTEN-V85A- AKFNCRVAQ'	197	>PTEN-V85A- AKFNCRAAQ'	154	43
>PTEN-V85A- AKFNCRVA	52	>PTEN-V85A- AKFNCRAA	47	5
>PTEN-V85A- AKFNCRVAQ	43	>PTEN-V85A- AKFNCRAAQ	80	37
>PTEN-V85A- AKFNCRVAQ'	3	>PTEN-V85A- AKFNCRAAQ'	4	1
>PTEN-V85A- AKFNCRVAQ'	114	>PTEN-V85A- AKFNCRAAQ'	128	14
>PTEN-V85A- TAKFNCRVAC	573	>PTEN-V85A- TAKFNCRAAC	499	74
>PTEN-V85A- TAKFNCRVAC	362	>PTEN-V85A- TAKFNCRAAC	578	216
>PTEN-V85A- TAKFNCRVAC	97	>PTEN-V85A- TAKFNCRAAC	89	8
>PTEN-V85A- DTAKFNCRV/	171	>PTEN-V85A- DTAKFNCRA/	141	30
>PTEN-V85A- DTAKFNCRV	12	>PTEN-V85A- DTAKFNCRA	52	40
>PTEN-V85A- DTAKFNCRV/	460	>PTEN-V85A- DTAKFNCRA/	217	243

>PTEN-V85A·DTAKFNCRV	7	>PTEN-V85A·DTAKFNCRV	178	171
>PTEN-V85A·YDTAKFNCRV	183	>PTEN-V85A·YDTAKFNCRV	5112	4929
>PTEN-V85G·CRVAQYPF	32	>PTEN-V85G·CRVAQYPF	201	169
>PTEN-V85G·CRVAQYPF	283	>PTEN-V85G·CRVAQYPF	882	599
>PTEN-V85G·CRVAQYPF	214	>PTEN-V85G·CRVAQYPF	163	51
>PTEN-V85G·FNCRVAQY	418	>PTEN-V85G·FNCRVAQY	172	246
>PTEN-V85G·FNCRVAQYPI	544	>PTEN-V85G·FNCRVAQYPI	370	174
>PTEN-V85G·FNCRVAQY	2564	>PTEN-V85G·FNCRVAQY	480	2084
>PTEN-V85G·FNCRVAQYPI	119	>PTEN-V85G·FNCRVAQYPI	130	11
>PTEN-V85G·KFNCRVAQYI	235	>PTEN-V85G·KFNCRVAQYI	331	96
>PTEN-V85G·KFNCRVAQYI	412	>PTEN-V85G·KFNCRVAQYI	599	187
>PTEN-V85G·KFNCRVAQYI	140	>PTEN-V85G·KFNCRVAQYI	207	67
>PTEN-V85G·KFNCRVAQY	167	>PTEN-V85G·KFNCRVAQY	86	81
>PTEN-V85G·KFNCRVAQY	377	>PTEN-V85G·KFNCRVAQY	538	161
>PTEN-V85G·KFNCRVAQYI	170	>PTEN-V85G·KFNCRVAQYI	241	71
>PTEN-V85G·KFNCRVAQYI	101	>PTEN-V85G·KFNCRVAQYI	180	79
>PTEN-V85G·KFNCRVAQYI	431	>PTEN-V85G·KFNCRVAQYI	427	4
>PTEN-V85G·KFNCRVAQYI	331	>PTEN-V85G·KFNCRVAQYI	378	47
>PTEN-V85G·KFNCRVAQY	131	>PTEN-V85G·KFNCRVAQY	140	9
>PTEN-V85G·AKFNCRVAQ'	381	>PTEN-V85G·AKFNCRVAQ'	272	109
>PTEN-V85G·AKFNCRVAQ'	197	>PTEN-V85G·AKFNCRVAQ'	139	58
>PTEN-V85G·AKFNCRVA	52	>PTEN-V85G·AKFNCRVA	262	210
>PTEN-V85G·AKFNCRVAQ	43	>PTEN-V85G·AKFNCRVAQ	386	343
>PTEN-V85G·AKFNCRVAQ'	3	>PTEN-V85G·AKFNCRVAQ'	5	2
>PTEN-V85G·AKFNCRVAQ'	114	>PTEN-V85G·AKFNCRVAQ'	229	115
>PTEN-V85G·TAKFNCRVAC	362	>PTEN-V85G·TAKFNCRVAC	491	129
>PTEN-V85G·TAKFNCRVAC	97	>PTEN-V85G·TAKFNCRVAC	99	2
>PTEN-V85G·DTAKFNCRV/	171	>PTEN-V85G·DTAKFNCRV/	299	128
>PTEN-V85G·DTAKFNCRV	12	>PTEN-V85G·DTAKFNCRV	3574	3562
>PTEN-V85G·DTAKFNCRV/	460	>PTEN-V85G·DTAKFNCRV/	239	221
>PTEN-V85G·DTAKFNCRV	7	>PTEN-V85G·DTAKFNCRV	9237	9230
>PTEN-V85G·DTAKFNCRV/	1729	>PTEN-V85G·DTAKFNCRV/	396	1333
>PTEN-V85G·YDTAKFNCRV	183	>PTEN-V85G·YDTAKFNCRV	23495	23312
>PTEN-W111·WLSEDDNHV	105	>PTEN-W111·WLSEDDNHV	119	14
>PTEN-W111·WLSEDDNHV	480	>PTEN-W111·WLSEDDNHV/	584	104
>PTEN-W111·WLSEDDNHV	10	>PTEN-W111·WLSEDDNHV	13	3
>PTEN-W111·WLSEDDNHV	99	>PTEN-W111·WLSEDDNHV/	141	42
>PTEN-W111·WLSEDDNHV	30	>PTEN-W111·WLSEDDNHV/	62	32
>PTEN-W111·WLSEDDNHV	12	>PTEN-W111·WLSEDDNHV	12	0
>PTEN-W111·WLSEDDNHV	39	>PTEN-W111·WLSEDDNHV/	45	6
>PTEN-W111·WLSEDDNHV	30	>PTEN-W111·WLSEDDNHV	52	22
>PTEN-W111·WLSEDDNHV	56	>PTEN-W111·WLSEDDNHV/	137	81
>PTEN-W111·WLSEDDNHV	8	>PTEN-W111·WLSEDDNHV	8	0

>PTEN-W111WLSEDDNHV	65	>PTEN-W111RLSEDDNHV/	84	19
>PTEN-W111WLSEDDNHV	34	>PTEN-W111RLSEDDNHV/	46	12
>PTEN-W111WLSEDDNHV	4	>PTEN-W111RLSEDDNHV	4	0
>PTEN-W111WLSEDDNHV	22	>PTEN-W111RLSEDDNHV/	29	7
>PTEN-W111WLSEDDNHV	26	>PTEN-W111RLSEDDNHV/	35	9
>PTEN-W111WLSEDDNHV	6	>PTEN-W111RLSEDDNHV	7	1
>PTEN-W111WLSEDDNHV	46	>PTEN-W111RLSEDDNHV/	84	38
>PTEN-W111WLSEDDNHV	85	>PTEN-W111RLSEDDNHV/	165	80
>PTEN-W111WLSEDDNHV	6	>PTEN-W111RLSEDDNHV	34	28
>PTEN-W111WLSEDDNHV	40	>PTEN-W111RLSEDDNHV/	295	255
>PTEN-W111WLSEDDNHV	108	>PTEN-W111RLSEDDNHV/	1302	1194
>PTEN-W111WLSEDDNHV	2	>PTEN-W111RLSEDDNHV	4	2
>PTEN-W111WLSEDDNHV	7	>PTEN-W111RLSEDDNHV/	18	11
>PTEN-W111WLSEDDNHV	9	>PTEN-W111RLSEDDNHV/	21	12
>PTEN-W111WLSEDDNHV	243	>PTEN-W111RLSEDDNHV	5417	5174
>PTEN-W111QWLSEDDNH	40	>PTEN-W111QRLSEDDNH'	10644	10604
>PTEN-W111QWLSEDDNH	162	>PTEN-W111QRLSEDDNH'	29472	29310
>PTEN-W111CEDLDQWL	157	>PTEN-W111CEDLDQRL	386	229
>PTEN-W111CEDLDQWL	128	>PTEN-W111CEDLDQRL	578	450
>PTEN-W111FCEDLDQW	43	>PTEN-W111FCEDLDQR	29258	29215
>PTEN-W111KPFCELDQV	13	>PTEN-W111KPFCELDQF	18186	18173
>PTEN-W111KPFCELDQV	102	>PTEN-W111KPFCELDQF	21053	20951
>PTEN-W111KPFCELDQV	23436	>PTEN-W111KPFCELDQF	93	23343
>PTEN-W274FWVNTFFI	63	>PTEN-W274FGVNTFFI	150	87
>PTEN-W274FWVNTFFI	12	>PTEN-W274FGVNTFFI	13	1
>PTEN-W274FWVNTFFI	35	>PTEN-W274FGVNTFFI	1791	1756
>PTEN-W274FWVNTFFI	126	>PTEN-W274FGVNTFFI	8863	8737
>PTEN-W274FWVNTFFI	17	>PTEN-W274FGVNTFFI	14867	14850
>PTEN-W274FWVNTFFI	2421	>PTEN-W274FGVNTFFI	354	2067
>PTEN-W274FWVNTFFI	39	>PTEN-W274FGVNTFFI	20657	20618
>PTEN-W274FWVNTFFIP	203	>PTEN-W274FGVNTFFIP	32752	32549
>PTEN-W274FWVNTFFIPG	239	>PTEN-W274FGVNTFFIPG	32229	31990
>PTEN-W274FWVNTFFI	8016	>PTEN-W274FGVNTFFI	373	7643
>PTEN-W274MLKKDKMFH	137	>PTEN-W274MLKKDKMFH	24390	24253
>PTEN-W274HFWVNTFFI	139	>PTEN-W274HFGVNTFFI	1004	865
>PTEN-W274HFWVNTFF	32	>PTEN-W274HFGVNTFF	104	72
>PTEN-W274HFWVNTFFI	40	>PTEN-W274HFGVNTFFI	149	109
>PTEN-W274HFWVNTFFI	202	>PTEN-W274HFGVNTFFI	212	10
>PTEN-W274HFWVNTFF	17	>PTEN-W274HFGVNTFF	13	4
>PTEN-W274HFWVNTFFI	13	>PTEN-W274HFGVNTFFI	12	1
>PTEN-W274HFWVNTFF	107	>PTEN-W274HFGVNTFF	1031	924
>PTEN-W274HFWVNTFFI	281	>PTEN-W274HFGVNTFFI	3149	2868
>PTEN-W274HFWVNTFFI	289	>PTEN-W274HFGVNTFFI	967	678

>PTEN-W274HFWVNTFFI	358	>PTEN-W274HFGVNTFFI	4241	3883
>PTEN-W274HFWVNTFF	473	>PTEN-W274HFGVNTFF	5482	5009
>PTEN-W274HFWVNTFF	271	>PTEN-W274HFGVNTFF	5376	5105
>PTEN-W274FHFVWNTFFI	25	>PTEN-W274FHFVWNTFFI	38	13
>PTEN-W274FHFVWNTFFI	545	>PTEN-W274FHFVWNTFFI	296	249
>PTEN-W274FHFVWNTFFI	126	>PTEN-W274FHFVWNTFFI	264	138
>PTEN-W274FHFVWNTFFI	378	>PTEN-W274FHFVWNTFFI	623	245
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>PTEN-Y138C YLLHRGKFLK	39	>PTEN-Y138C CLLHRGKFLK	2275	2236
>PTEN-Y138C YLLHRGKFL	12	>PTEN-Y138C CLLHRGKFL	1223	1211
>PTEN-Y138C YLLHRGKFLK	17	>PTEN-Y138C CLLHRGKFLK	2625	2608
>PTEN-Y138C YLLHRGKFL	58	>PTEN-Y138C CLLHRGKFL	3158	3100
>PTEN-Y138C YLLHRGKFLK	317	>PTEN-Y138C CLLHRGKFLK	4586	4269
>PTEN-Y138C YLLHRGKFL	6	>PTEN-Y138C CLLHRGKFL	420	414
>PTEN-Y138C YLLHRGKFLK	296	>PTEN-Y138C CLLHRGKFLK	11900	11604

>PTEN-Y138(YLLHRGKFLK/	8	>PTEN-Y138(CLLHRGKFLK/	736	728
>PTEN-Y138(YLLHRGKFLK	28	>PTEN-Y138(CLLHRGKFLK	29	1
>PTEN-Y138(YLLHRGKFLK	113	>PTEN-Y138(CLLHRGKFLK	136	23
>PTEN-Y138(YLLHRGKFLK	316	>PTEN-Y138(CLLHRGKFLK	248	68
>PTEN-Y138(YLLHRGKFL	412	>PTEN-Y138(CLLHRGKFL	2629	2217
>PTEN-Y138(YLLHRGKFL	54	>PTEN-Y138(CLLHRGKFL	370	316
>PTEN-Y138(YLLHRGKFLK/	154	>PTEN-Y138(CLLHRGKFLK/	1108	954
>PTEN-Y138(YLLHRGKFL	473	>PTEN-Y138(CLLHRGKFL	5527	5054
>PTEN-Y138(YLLHRGKFL	43	>PTEN-Y138(CLLHRGKFL	1103	1060
>PTEN-Y138(YLLHRGKFL	478	>PTEN-Y138(CLLHRGKFL	9380	8902
>PTEN-Y138(YLLHRGKFL	45	>PTEN-Y138(CLLHRGKFL	347	302
>PTEN-Y138(YLLHRGKFL	278	>PTEN-Y138(CLLHRGKFL	2131	1853
>PTEN-Y138(YLLHRGKFL	259	>PTEN-Y138(CLLHRGKFL	3796	3537
>PTEN-Y138(YLLHRGKFLK	111	>PTEN-Y138(CLLHRGKFLK	195	84
>PTEN-Y138(AYLLHRGKFLI	230	>PTEN-Y138(ACLLHRGKFLI	2369	2139
>PTEN-Y138(AYLLHRGKFL	418	>PTEN-Y138(ACLLHRGKFL	22046	21628
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>PTEN-Y138(AYLLHRGKFL	8	>PTEN-Y138(ACLLHRGKFL	6794	6786
>PTEN-Y138(AYLLHRGKFL	16	>PTEN-Y138(ACLLHRGKFL	19722	19706
>PTEN-Y138(AYLLHRGK	40	>PTEN-Y138(ACLLHRGK	583	543
>PTEN-Y138(AYLLHRGKFLI	25	>PTEN-Y138(ACLLHRGKFLI	310	285
>PTEN-Y138(AYLLHRGKFLI	76	>PTEN-Y138(ACLLHRGKFLI	1409	1333
>PTEN-Y138(AYLLHRGKFLI	305	>PTEN-Y138(ACLLHRGKFLI	875	570
>PTEN-Y138(KGRTGVMIC/	38	>PTEN-Y138(KGRTGVMIC/	440	402
>PTEN-Y138(KGRTGVMIC/	314	>PTEN-Y138(KGRTGVMIC/	29412	29098
>PTEN-Y138(KGRTGVMIC/	165	>PTEN-Y138(KGRTGVMIC/	16623	16458
>PTEN-Y138(KGRTGVMIC/	174	>PTEN-Y138(KGRTGVMIC/	10318	10144
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>PTEN-Y138(CAYLLHRGKFL	119	>PTEN-Y138(CACLLHRGKFL	8629	8510
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>PTEN-Y138(CAYLLHRGKFL	67	>PTEN-Y138(CACLLHRGKFL	1005	938
>PTEN-Y138(CAYLLHRGKFL	350	>PTEN-Y138(CACLLHRGKFL	4003	3653
>PTEN-Y138(CAYLLHRGKFL	350	>PTEN-Y138(CACLLHRGKFL	1513	1163
>PTEN-Y138(CAYLLHRGKFL	185	>PTEN-Y138(CACLLHRGKFL	782	597
>PTEN-Y138(ICAYLLHRGKI	187	>PTEN-Y138(ICACLLHRGKI	224	37
>PTEN-Y138(ICAYLLHR	107	>PTEN-Y138(ICACLLHR	48	59
>PTEN-Y138(MICAYLLHR	315	>PTEN-Y138(MICACLLHR	322	7
>PTEN-Y138(MICAYLLHRG	162	>PTEN-Y138(MICACLLHRG	162	0
>PTEN-Y138(MICAYLLH	299	>PTEN-Y138(MICACLLH	557	258
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>PTEN-Y138(MICAYLLHRG	49	>PTEN-Y138(MICACLLHRG	63	14
>PTEN-Y138(MICAYLLHRG	77	>PTEN-Y138(MICACLLHRG	177	100
>PTEN-Y138(MICAYLLHR	11	>PTEN-Y138(MICACLLHR	18	7

>PTEN-Y138C MICAYLLHRG	473	>PTEN-Y138C MICACLLHRG	646	173
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>PTEN-Y138C MICAYLLHR	28	>PTEN-Y138C MICACLLHR	52	24
>PTEN-Y138C MICAYLLHRG	124	>PTEN-Y138C MICACLLHRG	184	60
>PTEN-Y138C MICAYLLHR	28	>PTEN-Y138C MICACLLHR	13	15
>PTEN-Y138C VMICAYLL	248	>PTEN-Y138C VMICACLL	345	97
>PTEN-Y138C VMICAYLL	15	>PTEN-Y138C VMICACLL	27	12
>PTEN-Y138C VMICAYLL	9	>PTEN-Y138C VMICACLL	22	13
>PTEN-Y138C VMICAYLL	27	>PTEN-Y138C VMICACLL	37	10
>PTEN-Y138C VMICAYLL	39	>PTEN-Y138C VMICACLL	42	3
>PTEN-Y138C VMICAYLL	10	>PTEN-Y138C VMICACLL	20	10
>PTEN-Y138C VMICAYLL	6	>PTEN-Y138C VMICACLL	15	9
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>PTEN-Y138C VMICAYLL	136	>PTEN-Y138C VMICACLL	228	92
>PTEN-Y138C VMICAYLL	16	>PTEN-Y138C VMICACLL	15	1
>PTEN-Y138C VMICAYLLHR	166	>PTEN-Y138C VMICACLLHR	101	65
>PTEN-Y138C VMICAYLLHR	52	>PTEN-Y138C VMICACLLHR	61	9
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>PTEN-Y138C VMICAYLLH	46	>PTEN-Y138C VMICACLLH	57	11
>PTEN-Y138C VMICAYLLHR	44	>PTEN-Y138C VMICACLLHR	30	14
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>PTEN-Y138C VMICAYLLHR	119	>PTEN-Y138C VMICACLLHR	308	189
>PTEN-Y138C VMICAYLL	727	>PTEN-Y138C VMICACLL	373	354
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>PTEN-Y138C VMICAYLLHR	434	>PTEN-Y138C VMICACLLHR	880	446
>PTEN-Y138C VMICAYLLHR	70	>PTEN-Y138C VMICACLLHR	36	34
>PTEN-Y138C VMICAYLLHR	58	>PTEN-Y138C VMICACLLHR	48	10
>PTEN-Y138C GVMICAYL	66	>PTEN-Y138C GVMICACL	579	513
>PTEN-Y138C GVMICAYLL	57	>PTEN-Y138C GVMICACLL	553	496
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>PTEN-Y138C GVMICAYLL	18	>PTEN-Y138C GVMICACLL	131	113
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>PTEN-Y138C GVMICAYL	51	>PTEN-Y138C GVMICACL	544	493
>PTEN-Y138C GVMICAYLL	112	>PTEN-Y138C GVMICACLL	189	77
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>PTEN-Y138C GVMICAYL	403	>PTEN-Y138C GVMICACL	2046	1643
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>PTEN-Y138C GVMICAYLLH	52	>PTEN-Y138C GVMICACLLH	91	39
>PTEN-Y138C GVMICAYLLH	38	>PTEN-Y138C GVMICACLLH	66	28
>PTEN-Y138C GVMICAYLLH	177	>PTEN-Y138C GVMICACLLH	296	119
>PTEN-Y138C GVMICAYL	485	>PTEN-Y138C GVMICACL	4258	3773
>PTEN-Y138C GVMICAYLL	222	>PTEN-Y138C GVMICACLL	443	221

>PTEN-Y138(GVMICAYLLH	198	>PTEN-Y138(GVMICACLLH	324	126
>PTEN-Y138(GVMICAYLLH	132	>PTEN-Y138(GVMICACLLH	102	30
>PTEN-Y138(TGVMICAYL	267	>PTEN-Y138(TGVMICACL	3505	3238
>PTEN-Y138(TGVMICAY	166	>PTEN-Y138(TGVMICAC	19055	18889
>PTEN-Y138(RTGVMICAY	243	>PTEN-Y138(RTGVMICAC	27049	26806
>PTEN-Y138(RTGVMICAYL	398	>PTEN-Y138(RTGVMICACL	956	558
>PTEN-Y138(RTGVMICAY	169	>PTEN-Y138(RTGVMICAC	2076	1907
>PTEN-Y138(RTGVMICAYL	114	>PTEN-Y138(RTGVMICACL	525	411
>PTEN-Y138(RTGVMICAYL	74	>PTEN-Y138(RTGVMICACL	269	195
>PTEN-Y138(RTGVMICAY	228	>PTEN-Y138(RTGVMICAC	26077	25849
>PTEN-Y138(RTGVMICAY	70	>PTEN-Y138(RTGVMICAC	12928	12858
>PTEN-Y138(RTGVMICAY	13	>PTEN-Y138(RTGVMICAC	3833	3820
>PTEN-Y138(RTGVMICAYL	12	>PTEN-Y138(RTGVMICACL	73	61
>PTEN-Y138(RTGVMICAYL	14	>PTEN-Y138(RTGVMICACL	10	4
>PTEN-Y138(RTGVMICAY	205	>PTEN-Y138(RTGVMICAC	12969	12764
>PTEN-Y138(RTGVMICAYL	438	>PTEN-Y138(RTGVMICACL	4485	4047
>PTEN-Y138(RTGVMICAYL	428	>PTEN-Y138(RTGVMICACL	390	38
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>PTEN-Y138(RTGVMICAYL	56	>PTEN-Y138(RTGVMICACL	261	205
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>PTEN-Y138(RTGVMICAYL	72	>PTEN-Y138(RTGVMICACL	423	351
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>PTEN-Y138(RTGVMICAYL	394	>PTEN-Y138(RTGVMICACL	560	166
>PTEN-Y138(GRTGVMICA'	113	>PTEN-Y138(GRTGVMICA'	5196	5083
>PTEN-Y138(GRTGVMICA'	258	>PTEN-Y138(GRTGVMICA'	238	20
>PTEN-Y138(GRTGVMICA'	334	>PTEN-Y138(GRTGVMICA'	394	60
>PTEN-Y138(GRTGVMICA'	78	>PTEN-Y138(GRTGVMICA'	88	10
>PTEN-Y155(FYGEVRTR	163	>PTEN-Y155(FCGEVRTR	2330	2167
>PTEN-Y155(FYGEVRTR	107	>PTEN-Y155(FCGEVRTR	1672	1565
>PTEN-Y155(FLKAQEALDF	370	>PTEN-Y155(FLKAQEALDF	115	255
>PTEN-Y155(FLKAQEALDF	1885	>PTEN-Y155(FLKAQEALDF	224	1661
>PTEN-Y155(FLKAQEALDF	7342	>PTEN-Y155(FLKAQEALDF	377	6965
>PTEN-Y155(FLKAQEALDF	1630	>PTEN-Y155(FLKAQEALDF	34	1596
>PTEN-Y155(FLKAQEALDF	98	>PTEN-Y155(FLKAQEALDF	24286	24188
>PTEN-Y155(FLKAQEALDF	209	>PTEN-Y155(FLKAQEALDF	29153	28944
>PTEN-Y155(FLKAQEALDF	122	>PTEN-Y155(FLKAQEALDF	24510	24388
>PTEN-Y155(FLKAQEALDF	105	>PTEN-Y155(FLKAQEALDF	16343	16238
>PTEN-Y155(FLKAQEALDF	78	>PTEN-Y155(FLKAQEALDF	18374	18296
>PTEN-Y155(DFYGEVRTR	31	>PTEN-Y155(DFCGEVRTR	33	2
>PTEN-Y155(DFYGEVRTR	408	>PTEN-Y155(DFCGEVRTR	1368	960
>PTEN-Y155(DFYGEVRTR	291	>PTEN-Y155(DFCGEVRTR	809	518
>PTEN-Y155(ALDFYGEV	41	>PTEN-Y155(ALDFCGEV	54	13
>PTEN-Y155(ALDFYGEV	17	>PTEN-Y155(ALDFCGEV	25	8

>PTEN-Y155(ALDFYGEV	34	>PTEN-Y155(ALDFCGEV	63	29
>PTEN-Y155(ALDFYGEV	128	>PTEN-Y155(ALDFCGEV	169	41
>PTEN-Y155(ALDFYGEV	3	>PTEN-Y155(ALDFCGEV	6	3
>PTEN-Y155(ALDFYGEVRT	308	>PTEN-Y155(ALDFCGEVRT	943	635
>PTEN-Y155(ALDFYGEV	12	>PTEN-Y155(ALDFCGEV	21	9
>PTEN-Y155(ALDFYGEV	9	>PTEN-Y155(ALDFCGEV	12	3
>PTEN-Y155(ALDFYGEV	29	>PTEN-Y155(ALDFCGEV	31	2
>PTEN-Y155(ALDFYGEV	3	>PTEN-Y155(ALDFCGEV	4	1
>PTEN-Y155(ALDFYGEVRT	416	>PTEN-Y155(ALDFCGEVRT	548	132
>PTEN-Y155(EALDFYGEV	224	>PTEN-Y155(EALDFCGEV	2467	2243
>PTEN-Y155(EALDFYGEV	188	>PTEN-Y155(EALDFCGEV	971	783
>PTEN-Y155(EALDFYGEVR	299	>PTEN-Y155(EALDFCGEVR	473	174
>PTEN-Y155(EALDFYGEVR	28	>PTEN-Y155(EALDFCGEVR	70	42
>PTEN-Y155(EALDFYGEV	11	>PTEN-Y155(EALDFCGEV	21	10
>PTEN-Y155(EALDFYGEV	4	>PTEN-Y155(EALDFCGEV	5	1
>PTEN-Y155(EALDFYGEVR	510	>PTEN-Y155(EALDFCGEVR	493	17
>PTEN-Y155(QEALDFYG	1008	>PTEN-Y155(QEALDFCG	485	523
>PTEN-Y155(QEALDFYGEV	22	>PTEN-Y155(QEALDFCGEV	17	5
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>PTEN-Y155(QEALDFYGEV	426	>PTEN-Y155(QEALDFCGEV	1176	750
>PTEN-Y155(QEALDFYGEV	361	>PTEN-Y155(QEALDFCGEV	994	633
>PTEN-Y155(QEALDFYGEV	116	>PTEN-Y155(QEALDFCGEV	449	333
>PTEN-Y155(QEALDFYGEV	1133	>PTEN-Y155(QEALDFCGEV	475	658
>PTEN-Y155(AQEALDFYGE	422	>PTEN-Y155(AQEALDFCGE	782	360
>PTEN-Y155(AQEALDFYGE	39	>PTEN-Y155(AQEALDFCGE	66	27
>PTEN-Y155(AQEALDFY	178	>PTEN-Y155(AQEALDFC	29420	29242
>PTEN-Y155(AQEALDFY	421	>PTEN-Y155(AQEALDFC	18250	17829
>PTEN-Y155(KAQEALDFY	271	>PTEN-Y155(KAQEALDFC	33453	33182
>PTEN-Y155(KAQEALDFY	46	>PTEN-Y155(KAQEALDFC	22516	22470
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>PTEN-Y155(KAQEALDFY	195	>PTEN-Y155(KAQEALDFC	10725	10530
>PTEN-Y155(LKAQEALDFY	85	>PTEN-Y155(LKAQEALDFC	10073	9988
>PTEN-Y155FYGEVRTR	163	>PTEN-Y155FHGEVRTR	7525	7362
>PTEN-Y155FYGEVRTR	107	>PTEN-Y155FHGEVRTR	3302	3195
>PTEN-Y155FLKAQEALDF	370	>PTEN-Y155FLKAQEALDF	866	496
>PTEN-Y155FLKAQEALDF	98	>PTEN-Y155FLKAQEALDF	11247	11149
>PTEN-Y155FLKAQEALDF	209	>PTEN-Y155FLKAQEALDF	15655	15446
>PTEN-Y155FLKAQEALDF	122	>PTEN-Y155FLKAQEALDF	14187	14065
>PTEN-Y155FLKAQEALDF	105	>PTEN-Y155FLKAQEALDF	6598	6493
>PTEN-Y155FLKAQEALDF	78	>PTEN-Y155FLKAQEALDF	4186	4108
>PTEN-Y155DFYGEVRTR	31	>PTEN-Y155DFHGEVRTR	83	52
>PTEN-Y155DFYGEVRTR	408	>PTEN-Y155DFHGEVRTR	1099	691

>PTEN-Y155F DFYGEVRTR	291	>PTEN-Y155F DFHGEVRTR	868	577
>PTEN-Y155F ALDFYGEV	41	>PTEN-Y155F ALDFHGEV	128	87
>PTEN-Y155F ALDFYGEV	17	>PTEN-Y155F ALDFHGEV	32	15
>PTEN-Y155F ALDFYGEV	34	>PTEN-Y155F ALDFHGEV	37	3
>PTEN-Y155F ALDFYGEV	128	>PTEN-Y155F ALDFHGEV	234	106
>PTEN-Y155F ALDFYGEV	3	>PTEN-Y155F ALDFHGEV	3	0
>PTEN-Y155F ALDFYGEVRT	308	>PTEN-Y155F ALDFHGEVRT	574	266
>PTEN-Y155F ALDFYGEV	12	>PTEN-Y155F ALDFHGEV	23	11
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>PTEN-Y155F ALDFYGEV	29	>PTEN-Y155F ALDFHGEV	96	67
>PTEN-Y155F ALDFYGEV	3	>PTEN-Y155F ALDFHGEV	4	1
>PTEN-Y155F ALDFYGEVRT	416	>PTEN-Y155F ALDFHGEVRT	539	123
>PTEN-Y155F EALDFYGEV	224	>PTEN-Y155F EALDFHGEV	1510	1286
>PTEN-Y155F EALDFYGEV	188	>PTEN-Y155F EALDFHGEV	182	6
>PTEN-Y155F EALDFYGEVR	299	>PTEN-Y155F EALDFHGEVF	709	410
>PTEN-Y155F EALDFYGEVR	28	>PTEN-Y155F EALDFHGEVF	42	14
>PTEN-Y155F EALDFYGEV	11	>PTEN-Y155F EALDFHGEV	18	7
>PTEN-Y155F EALDFYGEV	4	>PTEN-Y155F EALDFHGEV	4	0
>PTEN-Y155F QEALDFYGEV	22	>PTEN-Y155F QEALDFHGEV	37	15
>PTEN-Y155F QEALDFYGEV	112	>PTEN-Y155F QEALDFHGEV	220	108
>PTEN-Y155F QEALDFYGEV	426	>PTEN-Y155F QEALDFHGEV	882	456
>PTEN-Y155F QEALDFYGEV	361	>PTEN-Y155F QEALDFHGEV	769	408
>PTEN-Y155F QEALDFYGEV	116	>PTEN-Y155F QEALDFHGEV	242	126
>PTEN-Y155F AQEALDFYGE	422	>PTEN-Y155F AQEALDFHGI	910	488
>PTEN-Y155F AQEALDFYGE	39	>PTEN-Y155F AQEALDFHGI	82	43
>PTEN-Y155F AQEALDFY	178	>PTEN-Y155F AQEALDFH	15689	15511
>PTEN-Y155F AQEALDFY	421	>PTEN-Y155F AQEALDFH	11611	11190
>PTEN-Y155F KAQEALDFY	271	>PTEN-Y155F KAQEALDFH	17866	17595
>PTEN-Y155F KAQEALDFY	46	>PTEN-Y155F KAQEALDFH	8264	8218
>PTEN-Y155F KAQEALDFY	139	>PTEN-Y155F KAQEALDFH	14202	14063
>PTEN-Y155F KAQEALDFY	481	>PTEN-Y155F KAQEALDFH	13566	13085
>PTEN-Y155F KAQEALDFY	195	>PTEN-Y155F KAQEALDFH	9651	9456
>PTEN-Y155F LKAQEALDFY	85	>PTEN-Y155F LKAQEALDFH	3007	2922
>PTEN-Y155F FYGEVRTR	163	>PTEN-Y155F FNGEVRTR	7142	6979
>PTEN-Y155F FYGEVRTR	107	>PTEN-Y155F FNGEVRTR	4859	4752
>PTEN-Y155F FLKAQEALDF	370	>PTEN-Y155F FLKAQEALDF	417	47
>PTEN-Y155F FLKAQEALDF	98	>PTEN-Y155F FLKAQEALDF	22324	22226
>PTEN-Y155F FLKAQEALDF	209	>PTEN-Y155F FLKAQEALDF	26263	26054
>PTEN-Y155F FLKAQEALDF	122	>PTEN-Y155F FLKAQEALDF	23455	23333
>PTEN-Y155F FLKAQEALDF	105	>PTEN-Y155F FLKAQEALDF	16853	16748
>PTEN-Y155F FLKAQEALDF	78	>PTEN-Y155F FLKAQEALDF	18088	18010
>PTEN-Y155F DFYGEVRTR	31	>PTEN-Y155F DFNGEVRTR	61	30
>PTEN-Y155F DFYGEVRTR	408	>PTEN-Y155F DFNGEVRTR	1211	803



>PTEN-Y155MDFYGEVRTR	291	>PTEN-Y155MDFNGEVRTR	2006	1715
>PTEN-Y155MALDFYGEV	41	>PTEN-Y155MALDFNGEV	140	99
>PTEN-Y155MALDFYGEV	17	>PTEN-Y155MALDFNGEV	46	29
>PTEN-Y155MALDFYGEV	34	>PTEN-Y155MALDFNGEV	82	48
>PTEN-Y155MALDFYGEV	128	>PTEN-Y155MALDFNGEV	285	157
>PTEN-Y155MALDFYGEV	3	>PTEN-Y155MALDFNGEV	3	0
>PTEN-Y155MALDFYGEVRT	308	>PTEN-Y155MALDFNGEVRT	345	37
>PTEN-Y155MALDFYGEV	12	>PTEN-Y155MALDFNGEV	11	1
>PTEN-Y155MALDFYGEV	9	>PTEN-Y155MALDFNGEV	10	1
>PTEN-Y155MALDFYGEV	29	>PTEN-Y155MALDFNGEV	26	3
>PTEN-Y155MALDFYGEV	3	>PTEN-Y155MALDFNGEV	4	1
>PTEN-Y155MALDFYGEVRT	416	>PTEN-Y155MALDFNGEVRT	315	101
>PTEN-Y155MEALDFYGEV	224	>PTEN-Y155MEALDFNGEV	5394	5170
>PTEN-Y155MEALDFYGEV	188	>PTEN-Y155MEALDFNGEV	449	261
>PTEN-Y155MEALDFYGEVR	299	>PTEN-Y155MEALDFNGEVF	1121	822
>PTEN-Y155MEALDFYGEVR	28	>PTEN-Y155MEALDFNGEVF	29	1
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>PTEN-Y155MQEALDFYGEV	22	>PTEN-Y155MQEALDFNGE\	37	15
>PTEN-Y155MQEALDFYGEV	112	>PTEN-Y155MQEALDFNGE\	260	148
>PTEN-Y155MQEALDFYGEV	426	>PTEN-Y155MQEALDFNGE\	446	20
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>PTEN-Y155MQEALDFYGEV	116	>PTEN-Y155MQEALDFNGE\	335	219
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>PTEN-Y155MQEALDFYGE	39	>PTEN-Y155MQEALDFNGI	79	40
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>PTEN-Y155MQEALDFY	421	>PTEN-Y155MQEALDFN	18760	18339
>PTEN-Y155MKAQEALDFY	271	>PTEN-Y155MKAQEALDFN	32918	32647
>PTEN-Y155MKAQEALDFY	46	>PTEN-Y155MKAQEALDFN	18917	18871
>PTEN-Y155MKAQEALDFY	139	>PTEN-Y155MKAQEALDFN	22428	22289
>PTEN-Y155MKAQEALDFY	481	>PTEN-Y155MKAQEALDFN	18443	17962
>PTEN-Y155MKAQEALDFY	195	>PTEN-Y155MKAQEALDFN	16963	16768
>PTEN-Y155MLKAQEALDFY	85	>PTEN-Y155MLKAQEALDFN	12812	12727
>PTEN-Y16C-YQEDGFDLDI	209	>PTEN-Y16C-CQEDGFDLDI	2465	2256
>PTEN-Y16C-YQEDGFDL	26	>PTEN-Y16C-CQEDGFDL	540	514
>PTEN-Y16C-YQEDGFDLDI	297	>PTEN-Y16C-CQEDGFDLDI	5798	5501
>PTEN-Y16C-YQEDGFDLDI	27	>PTEN-Y16C-CQEDGFDLDI	884	857
>PTEN-Y16C-YQEDGFDL	68	>PTEN-Y16C-CQEDGFDL	2144	2076
>PTEN-Y16C-YQEDGFDLDI	137	>PTEN-Y16C-CQEDGFDLDI	3074	2937
>PTEN-Y16C-YQEDGFDL	269	>PTEN-Y16C-CQEDGFDL	2126	1857
>PTEN-Y16C-RYQEDGFDL	467	>PTEN-Y16C-RCQEDGFDL	21237	20770
>PTEN-Y16C-RYQEDGFDL	320	>PTEN-Y16C-RCQEDGFDL	17551	17231
>PTEN-Y16C-RYQEDGFDL	6	>PTEN-Y16C-RCQEDGFDL	13160	13154

>PTEN-Y16C- RYQEDGFDLI	7	>PTEN-Y16C- RCQEDGFDLI	14270	14263
>PTEN-Y16C- KEIVSRNKRR'	321	>PTEN-Y16C- KEIVSRNKRR'	9319	8998
>PTEN-Y16C- RRYQEDGF	41	>PTEN-Y16C- RRCQEDGF	344	303
>PTEN-Y16C- RRYQEDGFDI	223	>PTEN-Y16C- RRCQEDGFDI	1209	986
>PTEN-Y16C- RRYQEDGF	61	>PTEN-Y16C- RRCQEDGF	1145	1084
>PTEN-Y16C- RRYQEDGFDI	11	>PTEN-Y16C- RRCQEDGFDI	30	19
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>PTEN-Y16C- RRYQEDGFDI	18	>PTEN-Y16C- RRCQEDGFDI	44	26
>PTEN-Y16C- RRYQEDGFDI	300	>PTEN-Y16C- RRCQEDGFDI	1863	1563
>PTEN-Y16C- RRYQEDGF	452	>PTEN-Y16C- RRCQEDGF	400	52
>PTEN-Y16C- RRYQEDGFDI	21	>PTEN-Y16C- RRCQEDGFDI	44	23
>PTEN-Y16C- RRYQEDGF	229	>PTEN-Y16C- RRCQEDGF	1050	821
>PTEN-Y16C- KRRYQEDGF	93	>PTEN-Y16C- KRRQEDGF	81	12
>PTEN-Y16C- KRRYQEDGFI	327	>PTEN-Y16C- KRRQEDGFI	294	33
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>PTEN-Y16C- KRRYQEDGF	233	>PTEN-Y16C- KRRQEDGF	281	48
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>PTEN-Y16C- NKRRYQEDG	55	>PTEN-Y16C- NKRRQEDG	86	31
>PTEN-Y16C- RNKRRYQEDG	317	>PTEN-Y16C- RNKRRQEDG	531	214
>PTEN-Y16C- VSRNKRRYQ	113	>PTEN-Y16C- VSRNKRRQ	1201	1088
>PTEN-Y16C- VSRNKRRY	155	>PTEN-Y16C- VSRNKRRC	26683	26528
>PTEN-Y16C- VSRNKRRY	7	>PTEN-Y16C- VSRNKRRC	8481	8474
>PTEN-Y16C- IVSRNKRRY	157	>PTEN-Y16C- IVSRNKRRC	31613	31456
>PTEN-Y16C- EIVSRNKRRY	13	>PTEN-Y16C- EIVSRNKRRC	13923	13910
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>PTEN-Y174[ YVYYYSYLL	18	>PTEN-Y174[ DVYYYSYLL	4123	4105
>PTEN-Y174[ YVYYYSYL	8	>PTEN-Y174[ DVYYYSYL	2586	2578
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>PTEN-Y174[ YVYYYSYLL	10	>PTEN-Y174[ DVYYYSYLL	4437	4427
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>PTEN-Y174[ YVYYYSYLL	12	>PTEN-Y174[ DVYYYSYLL	4614	4602
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>PTEN-Y174[ YVYYYYSYLL	27	>PTEN-Y174[ DVYYYYSYLL	12703	12676
>PTEN-Y174[ YVYYYYSYLLK	8	>PTEN-Y174[ DVYYYYSYLLK	15	7
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>PTEN-Y174[ YVYYYYSYLL	71	>PTEN-Y174[ DVYYYYSYLL	1734	1663
>PTEN-Y174[ YVYYYYSYLLK	41	>PTEN-Y174[ DVYYYYSYLLK	1150	1109
>PTEN-Y174[ YVYYYYSYLLK	165	>PTEN-Y174[ DVYYYYSYLLK	497	332
>PTEN-Y174[ YVYYYYSYLL	81	>PTEN-Y174[ DVYYYYSYLL	363	282
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>PTEN-Y174[ YVYYYYSYL	377	>PTEN-Y174[ DVYYYYSYL	623	246
>PTEN-Y174[ YVYYYYSYLL	253	>PTEN-Y174[ DVYYYYSYLL	430	177
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>PTEN-Y174[ YVYYYYSYL	17	>PTEN-Y174[ DVYYYYSYL	20	3
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>PTEN-Y174[ YVYYYYSYLL	75	>PTEN-Y174[ DVYYYYSYLL	3620	3545
>PTEN-Y174[ YVYYYYSYLL	63	>PTEN-Y174[ DVYYYYSYLL	5698	5635
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>PTEN-Y174[ IPSQRRYVYYY	1086	>PTEN-Y174[ IPSQRRDVYY	460	626
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>PTEN-Y174[ IPSQRRYVY	74	>PTEN-Y174[ IPSQRRDVY	400	326
>PTEN-Y174[ IPSQRRYVYYY	31	>PTEN-Y174[ IPSQRRDVYY'	54	23
>PTEN-Y174[ IPSQRRYVY	7	>PTEN-Y174[ IPSQRRDVY	29	22
>PTEN-Y174[ IPSQRRYVYYY	33	>PTEN-Y174[ IPSQRRDVYY	80	47
>PTEN-Y174[ IPSQRRYVYYY	12	>PTEN-Y174[ IPSQRRDVYY'	30	18
>PTEN-Y174[ IPSQRRYVYYY	262	>PTEN-Y174[ IPSQRRDVYY	410	148
>PTEN-Y174[ TIPSQRRYV	225	>PTEN-Y174[ TIPSQRRDV	1462	1237
>PTEN-Y174[ TIPSQRRY	437	>PTEN-Y174[ TIPSQRRD	36396	35959
>PTEN-Y174[ TIPSQRRYVY	290	>PTEN-Y174[ TIPSQRRDVY'	571	281
>PTEN-Y174[ TIPSQRRYVY	238	>PTEN-Y174[ TIPSQRRDVY'	390	152
>PTEN-Y174[ TIPSQRRYV	67	>PTEN-Y174[ TIPSQRRDV	2200	2133
>PTEN-Y174[ VTIPSQRRYV	249	>PTEN-Y174[ VTIPSQRRDV	4537	4288
>PTEN-Y174[ VTIPSQRRYV	286	>PTEN-Y174[ VTIPSQRRDV	1280	994
>PTEN-Y174[ VTIPSQRRYV'	284	>PTEN-Y174[ VTIPSQRRDV	1321	1037
>PTEN-Y174[ VTIPSQRRY	26	>PTEN-Y174[ VTIPSQRRD	24092	24066
>PTEN-Y174[ VTIPSQRRYV'	38	>PTEN-Y174[ VTIPSQRRDV	30	8
>PTEN-Y174[ VTIPSQRRY	59	>PTEN-Y174[ VTIPSQRRD	25621	25562
>PTEN-Y174[ VTIPSQRRYV'	26	>PTEN-Y174[ VTIPSQRRDV	209	183
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>PTEN-Y174[ VTIPSQRRYV'	16	>PTEN-Y174[ VTIPSQRRDV	39	23
>PTEN-Y174[ VTIPSQRRYV	225	>PTEN-Y174[ VTIPSQRRDV	3562	3337
>PTEN-Y174[ VTIPSQRRY	399	>PTEN-Y174[ VTIPSQRRD	21403	21004
>PTEN-Y174[ VTIPSQRRYV'	109	>PTEN-Y174[ VTIPSQRRDV	164	55
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>PTEN-Y174[ VTIPSQRRY	3	>PTEN-Y174[ VTIPSQRRD	1614	1611
>PTEN-Y174[ VTIPSQRRYV	124	>PTEN-Y174[ VTIPSQRRDV	255	131

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>PTEN-Y174[VTIPSQRRY	81	>PTEN-Y174[VTIPSQRRD	14247	14166
>PTEN-Y174[VTIPSQRRYV'	111	>PTEN-Y174[VTIPSQRRDV	319	208
>PTEN-Y174[VTIPSQRRY	122	>PTEN-Y174[VTIPSQRRD	17233	17111
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>PTEN-Y174[VTIPSQRRY	37	>PTEN-Y174[VTIPSQRRD	14924	14887
>PTEN-Y174[VTIPSQRRYV'	37	>PTEN-Y174[VTIPSQRRDV	31	6
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>PTEN-Y174[GVTIPSQRRY	123	>PTEN-Y174[GVTIPSQRRD	566	443
>PTEN-Y174[GVTIPSQRRY	172	>PTEN-Y174[GVTIPSQRRD	22472	22300
>PTEN-Y174†VYVYYSYL	4	>PTEN-Y174†NVYVYYSYL	10	6
>PTEN-Y174†VYVYYSYLL	20	>PTEN-Y174†NVYVYYSYLL	51	31
>PTEN-Y174†VYVYYSYL	10	>PTEN-Y174†NVYVYYSYL	146	136
>PTEN-Y174†VYVYYSYLL	7	>PTEN-Y174†NVYVYYSYLL	25	18
>PTEN-Y174†VYVYYSYL	4	>PTEN-Y174†NVYVYYSYL	26	22
>PTEN-Y174†VYVYYSYLL	3	>PTEN-Y174†NVYVYYSYLL	9	6
>PTEN-Y174†VYVYYSYL	9	>PTEN-Y174†NVYVYYSYL	73	64
>PTEN-Y174†VYVYYSYLL	18	>PTEN-Y174†NVYVYYSYLL	212	194
>PTEN-Y174†VYVYYSYL	8	>PTEN-Y174†NVYVYYSYL	85	77
>PTEN-Y174†VYVYYSYLL	8	>PTEN-Y174†NVYVYYSYLL	78	70
>PTEN-Y174†VYVYYSYL	5	>PTEN-Y174†NVYVYYSYL	226	221
>PTEN-Y174†VYVYYSYLL	10	>PTEN-Y174†NVYVYYSYLL	893	883
>PTEN-Y174†VYVYYSYL	21	>PTEN-Y174†NVYVYYSYL	721	700
>PTEN-Y174†VYVYYSYLL	12	>PTEN-Y174†NVYVYYSYLL	436	424
>PTEN-Y174†VYVYYSYL	42	>PTEN-Y174†NVYVYYSYL	3117	3075
>PTEN-Y174†VYVYYSYLL	86	>PTEN-Y174†NVYVYYSYLL	5984	5898
>PTEN-Y174†VYVYYSYL	99	>PTEN-Y174†NVYVYYSYL	3295	3196
>PTEN-Y174†VYVYYSYLL	200	>PTEN-Y174†NVYVYYSYLL	4265	4065
>PTEN-Y174†VYVYYSYL	12	>PTEN-Y174†NVYVYYSYL	2496	2484
>PTEN-Y174†VYVYYSYLL	27	>PTEN-Y174†NVYVYYSYLL	6543	6516
>PTEN-Y174†VYVYYSYLLK	8	>PTEN-Y174†NVYVYYSYLLK	9	1
>PTEN-Y174†VYVYYSYLLK	7	>PTEN-Y174†NVYVYYSYLLK	8	1
>PTEN-Y174†VYVYYSYL	193	>PTEN-Y174†NVYVYYSYL	694	501
>PTEN-Y174†VYVYYSYLL	71	>PTEN-Y174†NVYVYYSYLL	1062	991
>PTEN-Y174†VYVYYSYLLK	41	>PTEN-Y174†NVYVYYSYLLK	215	174
>PTEN-Y174†VYVYYSYLLK	165	>PTEN-Y174†NVYVYYSYLLK	236	71
>PTEN-Y174†VYVYYSYLL	81	>PTEN-Y174†NVYVYYSYLL	287	206
>PTEN-Y174†VYVYYSYLLK	274	>PTEN-Y174†NVYVYYSYLLK	189	85
>PTEN-Y174†VYVYYSYL	377	>PTEN-Y174†NVYVYYSYL	815	438
>PTEN-Y174†VYVYYSYLL	253	>PTEN-Y174†NVYVYYSYLL	575	322
>PTEN-Y174†VYVYYSYLLK	6	>PTEN-Y174†NVYVYYSYLLK	6	0
>PTEN-Y174†VYVYYSYL	21	>PTEN-Y174†NVYVYYSYL	14	7
>PTEN-Y174†VYVYYSYLL	11	>PTEN-Y174†NVYVYYSYLL	9	2

>PTEN-Y174FVYYYYSYL	17	>PTEN-Y174FNVYYYYSYL	20	3
>PTEN-Y174FVYYYYSYLL	19	>PTEN-Y174FNVYYYYSYLL	22	3
>PTEN-Y174FVYYYYSYL	279	>PTEN-Y174FNVYYYYSYL	3595	3316
>PTEN-Y174FVYYYYSYLL	421	>PTEN-Y174FNVYYYYSYLL	5135	4714
>PTEN-Y174FVYYYYSYL	85	>PTEN-Y174FNVYYYYSYL	1530	1445
>PTEN-Y174FVYYYYSYLL	255	>PTEN-Y174FNVYYYYSYLL	3101	2846
>PTEN-Y174FVYYYYSYL	52	>PTEN-Y174FNVYYYYSYL	3749	3697
>PTEN-Y174FVYYYYSYLL	84	>PTEN-Y174FNVYYYYSYLL	5428	5344
>PTEN-Y174FVYYYYSYLL	219	>PTEN-Y174FNVYYYYSYLL	1517	1298
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>PTEN-Y174FVYYYYSYLLK	50	>PTEN-Y174FNVYYYYSYLLK	231	181
>PTEN-Y174FVYYYYSYLLK	490	>PTEN-Y174FNVYYYYSYLLK	822	332
>PTEN-Y174FRVYYYYSYL	51	>PTEN-Y174FRVYYYYSYL	22	29
>PTEN-Y174FRVYYYYSYL	340	>PTEN-Y174FRVYYYYSYL	1992	1652
>PTEN-Y174FRVYYYYSYLLK	94	>PTEN-Y174FRVYYYYSYLLK	171	77
>PTEN-Y174FRVYYYYSY	213	>PTEN-Y174FRVYYYYSY	17775	17562
>PTEN-Y174FRVYYYYSYL	42	>PTEN-Y174FRVYYYYSYL	8081	8039
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>PTEN-Y174FRVYYYYSYLLK	105	>PTEN-Y174FRVYYYYSYLLK	10441	10336
>PTEN-Y174FRVYYYYSY	244	>PTEN-Y174FRVYYYYSY	18337	18093
>PTEN-Y174FRVYYYYSYL	56	>PTEN-Y174FRVYYYYSYL	7570	7514
>PTEN-Y174FRVYYYYSYLL	26	>PTEN-Y174FRVYYYYSYLL	8240	8214
>PTEN-Y174FRVYYYYSYLLK	271	>PTEN-Y174FRVYYYYSYLLK	16663	16392
>PTEN-Y174FRVYYYYSY	86	>PTEN-Y174FRVYYYYSY	22485	22399
>PTEN-Y174FRVYYYYSYL	6	>PTEN-Y174FRVYYYYSYL	13200	13194
>PTEN-Y174FRVYYYYSYLL	10	>PTEN-Y174FRVYYYYSYLL	17771	17761
>PTEN-Y174FRVYYYYSYLLK	446	>PTEN-Y174FRVYYYYSYLLK	24880	24434
>PTEN-Y174FRVYYYYSY	18	>PTEN-Y174FRVYYYYSY	139	121
>PTEN-Y174FRVYYYYSYLL	222	>PTEN-Y174FRVYYYYSYLL	7958	7736
>PTEN-Y174FRVYYYYSYL	121	>PTEN-Y174FRVYYYYSYL	4022	3901
>PTEN-Y174FRVYYYYSYLL	348	>PTEN-Y174FRVYYYYSYLL	6742	6394
>PTEN-Y174FRVYYYYSYLLK	6	>PTEN-Y174FRVYYYYSYLLK	64	58
>PTEN-Y174FRVYYYYSY	39	>PTEN-Y174FRVYYYYSY	211	172
>PTEN-Y174FRVYYYYSYLL	410	>PTEN-Y174FRVYYYYSYLL	5159	4749
>PTEN-Y174FRVYYYYSY	484	>PTEN-Y174FRVYYYYSY	8187	7703
>PTEN-Y174FRVYYYYSYL	105	>PTEN-Y174FRVYYYYSYL	3572	3467
>PTEN-Y174FRVYYYYSYLLK	33	>PTEN-Y174FRVYYYYSYLLK	643	610
>PTEN-Y174FRVYYYYSY	88	>PTEN-Y174FRVYYYYSY	1863	1775
>PTEN-Y174FRVYYYYSY	1452	>PTEN-Y174FRVYYYYSY	217	1235
>PTEN-Y174FRVYYYYSY	77	>PTEN-Y174FRVYYYYSY	27	50
>PTEN-Y174FRVYYYYSYL	223	>PTEN-Y174FRVYYYYSYL	79	144



>PTEN-Y174F RYVYYYYSYLL	1103	>PTEN-Y174F RNVYYYYSYLL	476	627
>PTEN-Y174F RYVYYYYSYLL	420	>PTEN-Y174F RNVYYYYSYLL	177	243
>PTEN-Y174F RYVYYYYSYL	403	>PTEN-Y174F RNVYYYYSYL	135	268
>PTEN-Y174F RYVYYYYSY	127	>PTEN-Y174F RNVYYYYSY	2196	2069
>PTEN-Y174F RYVYYYYSYLLK	42	>PTEN-Y174F RNVYYYYSYLLK	1474	1432
>PTEN-Y174F RYVYYYYSYL	311	>PTEN-Y174F RNVYYYYSYL	10292	9981
>PTEN-Y174F RYVYYYYSYLL	195	>PTEN-Y174F RNVYYYYSYLL	16233	16038
>PTEN-Y174F RYVYYYYSY	356	>PTEN-Y174F RNVYYYYSY	26391	26035
>PTEN-Y174F RYVYYYYSYL	37	>PTEN-Y174F RNVYYYYSYL	14853	14816
>PTEN-Y174F RYVYYYYSYLL	32	>PTEN-Y174F RNVYYYYSYLL	9248	9216
>PTEN-Y174F RYVYYYYSYLLK	325	>PTEN-Y174F RNVYYYYSYLLK	25104	24779
>PTEN-Y174F KGV TIPSQRR	155	>PTEN-Y174F KGV TIPSQRR	23501	23346
>PTEN-Y174F KGV TIPSQRR	202	>PTEN-Y174F KGV TIPSQRR	20719	20517
>PTEN-Y174F KGV TIPSQRR	227	>PTEN-Y174F KGV TIPSQRR	12606	12379
>PTEN-Y174F RRYVYYYYSYLL	136	>PTEN-Y174F RRNVYYYYSYL	2642	2506
>PTEN-Y174F RRYVYYYYSYL	429	>PTEN-Y174F RRNVYYYYSYL	3560	3131
>PTEN-Y174F RRYVYYYYSY	139	>PTEN-Y174F RRNVYYYYSY	1005	866
>PTEN-Y174F RRYVYYYYSY	106	>PTEN-Y174F RRNVYYYYSY	80	26
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>PTEN-Y174F RRYVYYYYSYL	8	>PTEN-Y174F RRNVYYYYSYL	27	19
>PTEN-Y174F RRYVYYYYSYLL	19	>PTEN-Y174F RRNVYYYYSYL	100	81
>PTEN-Y174F RRYVYYYYS	69	>PTEN-Y174F RRNVYYYYS	236	167
>PTEN-Y174F RRYVYYYYSY	11	>PTEN-Y174F RRNVYYYYSY	20	9
>PTEN-Y174F RRYVYYYYSYL	7	>PTEN-Y174F RRNVYYYYSYL	10	3
>PTEN-Y174F RRYVYYYYSYLL	8	>PTEN-Y174F RRNVYYYYSYL	15	7
>PTEN-Y174F RRYVYYYYSYL	325	>PTEN-Y174F RRNVYYYYSYL	1051	726
>PTEN-Y174F RRYVYYYYSYLL	50	>PTEN-Y174F RRNVYYYYSYL	162	112
>PTEN-Y174F RRYVYYYYSYL	263	>PTEN-Y174F RRNVYYYYSYL	1415	1152
>PTEN-Y174F RRYVYYYYSYLL	106	>PTEN-Y174F RRNVYYYYSYL	412	306
>PTEN-Y174F RRYVYYYYS	221	>PTEN-Y174F RRNVYYYYS	359	138
>PTEN-Y174F RRYVYYYYSY	47	>PTEN-Y174F RRNVYYYYSY	193	146
>PTEN-Y174F RRYVYYYYSYL	14	>PTEN-Y174F RRNVYYYYSYL	23	9
>PTEN-Y174F RRYVYYYYSYLL	11	>PTEN-Y174F RRNVYYYYSYL	21	10
>PTEN-Y174F RRYVYYYYS	450	>PTEN-Y174F RRNVYYYYS	737	287
>PTEN-Y174F RRYVYYYYSY	33	>PTEN-Y174F RRNVYYYYSY	139	106
>PTEN-Y174F RRYVYYYYSYL	12	>PTEN-Y174F RRNVYYYYSYL	16	4
>PTEN-Y174F RRYVYYYYSYLL	3	>PTEN-Y174F RRNVYYYYSYL	8	5
>PTEN-Y174F RRYVYYYYSY	231	>PTEN-Y174F RRNVYYYYSY	1002	771
>PTEN-Y174F RRYVYYYYSY	747	>PTEN-Y174F RRNVYYYYSY	415	332
>PTEN-Y174F QRRYVYYYY	292	>PTEN-Y174F QRRNVYYYY	608	316
>PTEN-Y174F QRRYVYYYY	388	>PTEN-Y174F QRRNVYYYY	573	185
>PTEN-Y174F QRRYVYYYYSY	405	>PTEN-Y174F QRRNVYYYYSY	578	173
>PTEN-Y174F QRRYVYYYY	33	>PTEN-Y174F QRRNVYYYY	46	13

>PTEN-Y174F QRRYVYYYSY	15	>PTEN-Y174F QRRNVYYYSY	19	4
>PTEN-Y174F QRRYVYYYSY	44	>PTEN-Y174F QRRNVYYYSY	69	25
>PTEN-Y174F QRRYVYYYSY	33	>PTEN-Y174F QRRNVYYYSY	45	12
>PTEN-Y174F QRRYVYYYSY	595	>PTEN-Y174F QRRNVYYYSY	382	213
>PTEN-Y174F QRRYVYYYSY	41	>PTEN-Y174F QRRNVYYYSY	64	23
>PTEN-Y174F QRRYVYYYSY	19	>PTEN-Y174F QRRNVYYYSY	20	1
>PTEN-Y174F SQRRYVYYY	308	>PTEN-Y174F SQRRNVYYY	308	0
>PTEN-Y174F SQRRYVYYY	137	>PTEN-Y174F SQRRNVYYY	177	40
>PTEN-Y174F SQRRYVYYYS	355	>PTEN-Y174F SQRRNVYYYS	416	61
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>PTEN-Y174F SQRRYVYYY	75	>PTEN-Y174F SQRRNVYYY	71	4
>PTEN-Y174F SQRRYVYYYS	152	>PTEN-Y174F SQRRNVYYYS	154	2
>PTEN-Y174F SQRRYVYYYS	104	>PTEN-Y174F SQRRNVYYYS	100	4
>PTEN-Y174F SQRRYVYYY	535	>PTEN-Y174F SQRRNVYY	267	268
>PTEN-Y174F SQRRYVYYY	83	>PTEN-Y174F SQRRNVYYY	48	35
>PTEN-Y174F SQRRYVYYYS	106	>PTEN-Y174F SQRRNVYYYS	75	31
>PTEN-Y174F SQRRYVYYY	219	>PTEN-Y174F SQRRNVYYY	915	696
>PTEN-Y174F SQRRYVYYY	212	>PTEN-Y174F SQRRNVYYY	636	424
>PTEN-Y174F SQRRYVYYY	41	>PTEN-Y174F SQRRNVYY	47	6
>PTEN-Y174F SQRRYVYYY	36	>PTEN-Y174F SQRRNVYYY	44	8
>PTEN-Y174F SQRRYVYYYS	34	>PTEN-Y174F SQRRNVYYYS	38	4
>PTEN-Y174F SQRRYVYYY	383	>PTEN-Y174F SQRRNVYY	163	220
>PTEN-Y174F SQRRYVYYY	581	>PTEN-Y174F SQRRNVYYY	258	323
>PTEN-Y174F SQRRYVYYYS	322	>PTEN-Y174F SQRRNVYYYS	203	119
>PTEN-Y174F SQRRYVYYY	4	>PTEN-Y174F SQRRNVYY	5	1
>PTEN-Y174F SQRRYVYYY	4	>PTEN-Y174F SQRRNVYYY	5	1
>PTEN-Y174F SQRRYVYYYS	3	>PTEN-Y174F SQRRNVYYYS	3	0
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>PTEN-Y174F SQRRYVYYY	453	>PTEN-Y174F SQRRNVYYY	433	20
>PTEN-Y174F PSQRRYVYY	907	>PTEN-Y174F PSQRRNVYY	310	597
>PTEN-Y174F PSQRRYVYYY	186	>PTEN-Y174F PSQRRNVYYY	200	14
>PTEN-Y174F PSQRRYVYYY	359	>PTEN-Y174F PSQRRNVYYY	342	17
>PTEN-Y174F PSQRRYVY	465	>PTEN-Y174F PSQRRNVY	572	107
>PTEN-Y174F PSQRRYVYYY	40	>PTEN-Y174F PSQRRNVYYY	35	5
>PTEN-Y174F PSQRRYVYYY	353	>PTEN-Y174F PSQRRNVYYY	350	3
>PTEN-Y174F IPSQRRYVYYY	288	>PTEN-Y174F IPSQRRNVYY	587	299
>PTEN-Y174F IPSQRRYVY	183	>PTEN-Y174F IPSQRRNVY	434	251
>PTEN-Y174F IPSQRRYVYYY	123	>PTEN-Y174F IPSQRRNVYY	148	25
>PTEN-Y174F IPSQRRYV	22	>PTEN-Y174F IPSQRRNV	20	2
>PTEN-Y174F IPSQRRYVY	165	>PTEN-Y174F IPSQRRNVY	87	78
>PTEN-Y174F IPSQRRYVY	16	>PTEN-Y174F IPSQRRNVY	35	19
>PTEN-Y174F IPSQRRYVYYY	27	>PTEN-Y174F IPSQRRNVYY	41	14
>PTEN-Y174F IPSQRRYVY	74	>PTEN-Y174F IPSQRRNVY	479	405

>PTEN-Y174MIPSQRRYVYY	31	>PTEN-Y174MIPSQRRNVYY	66	35
>PTEN-Y174MIPSQRRYVY	1200	>PTEN-Y174MIPSQRRNVY	493	707
>PTEN-Y174MIPSQRRYVY	7	>PTEN-Y174MIPSQRRNVY	11	4
>PTEN-Y174MIPSQRRYVYY	33	>PTEN-Y174MIPSQRRNVYY	46	13
>PTEN-Y174MIPSQRRYVYY	12	>PTEN-Y174MIPSQRRNVYY	20	8
>PTEN-Y174MIPSQRRYVYY	262	>PTEN-Y174MIPSQRRNVYY	666	404
>PTEN-Y174MTIPSQRRYV	225	>PTEN-Y174MTIPSQRRNV	802	577
>PTEN-Y174MTIPSQRRY	437	>PTEN-Y174MTIPSQRRN	33344	32907
>PTEN-Y174MTIPSQRRYVY	290	>PTEN-Y174MTIPSQRRNVY	437	147
>PTEN-Y174MTIPSQRRYVY	238	>PTEN-Y174MTIPSQRRNVY	494	256
>PTEN-Y174MTIPSQRRYV	67	>PTEN-Y174MTIPSQRRNV	256	189
>PTEN-Y174MTIPSQRRYV	249	>PTEN-Y174MTIPSQRRNV	1968	1719
>PTEN-Y174MTIPSQRRYV	286	>PTEN-Y174MTIPSQRRNV	795	509
>PTEN-Y174MTIPSQRRYV	284	>PTEN-Y174MTIPSQRRNV	1006	722
>PTEN-Y174MTIPSQRRY	26	>PTEN-Y174MTIPSQRRN	17309	17283
>PTEN-Y174MTIPSQRRYV	38	>PTEN-Y174MTIPSQRRNV	34	4
>PTEN-Y174MTIPSQRRYV	509	>PTEN-Y174MTIPSQRRNV	203	306
>PTEN-Y174MTIPSQRRY	59	>PTEN-Y174MTIPSQRRN	22558	22499
>PTEN-Y174MTIPSQRRYV	26	>PTEN-Y174MTIPSQRRNV	114	88
>PTEN-Y174MTIPSQRRY	41	>PTEN-Y174MTIPSQRRN	16835	16794
>PTEN-Y174MTIPSQRRYV	16	>PTEN-Y174MTIPSQRRNV	22	6
>PTEN-Y174MTIPSQRRYV	225	>PTEN-Y174MTIPSQRRNV	926	701
>PTEN-Y174MTIPSQRRY	399	>PTEN-Y174MTIPSQRRN	19815	19416
>PTEN-Y174MTIPSQRRYV	109	>PTEN-Y174MTIPSQRRNV	113	4
>PTEN-Y174MTIPSQRRYV	205	>PTEN-Y174MTIPSQRRNV	217	12
>PTEN-Y174MTIPSQRRY	3	>PTEN-Y174MTIPSQRRN	488	485
>PTEN-Y174MTIPSQRRYV	124	>PTEN-Y174MTIPSQRRNV	90	34
>PTEN-Y174MTIPSQRRYV	4	>PTEN-Y174MTIPSQRRNV	4	0
>PTEN-Y174MTIPSQRRY	81	>PTEN-Y174MTIPSQRRN	10318	10237
>PTEN-Y174MTIPSQRRYV	111	>PTEN-Y174MTIPSQRRNV	255	144
>PTEN-Y174MTIPSQRRY	122	>PTEN-Y174MTIPSQRRN	16224	16102
>PTEN-Y174MTIPSQRRYV	76	>PTEN-Y174MTIPSQRRNV	211	135
>PTEN-Y174MTIPSQRRY	37	>PTEN-Y174MTIPSQRRN	6870	6833
>PTEN-Y174MTIPSQRRYV	37	>PTEN-Y174MTIPSQRRNV	19	18
>PTEN-Y174MTIPSQRRYV	256	>PTEN-Y174MTIPSQRRNV	560	304
>PTEN-Y174MGVTIPSQRRY	123	>PTEN-Y174MGVTIPSQRRN	331	208
>PTEN-Y174MGVTIPSQRRY	172	>PTEN-Y174MGVTIPSQRRN	20755	20583
>PTEN-Y177CYYSYLLKNHL	49	>PTEN-Y177CYYSYLLKNHL	66	17
>PTEN-Y177CYYSYLLKNHL	115	>PTEN-Y177CYYSYLLKNHL	587	472
>PTEN-Y177CYYSYLLKNHL	108	>PTEN-Y177CYYSYLLKNHL	202	94
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>PTEN-Y177CYYSYLLKNHL	117	>PTEN-Y177CYYSYLLKNHL	141	24
>PTEN-Y177CYYSYLLKNHI	31	>PTEN-Y177CYYSYLLKNHI	113	82

>PTEN-Y177(YYYSYLLKNHI	250	>PTEN-Y177(YCYSYLLKNHI	20260	20010
>PTEN-Y177(YYYSYLLKNHI	109	>PTEN-Y177(YCYSYLLKNHI	198	89
>PTEN-Y177(YYYSYLLKNHI	536	>PTEN-Y177(YCYSYLLKNHI	409	127
>PTEN-Y177(YYYSYLLK	387	>PTEN-Y177(YCYSYLLK	300	87
>PTEN-Y177(YYYSYLLK	85	>PTEN-Y177(YCYSYLLK	956	871
>PTEN-Y177(YYYSYLLK	59	>PTEN-Y177(YCYSYLLK	7644	7585
>PTEN-Y177(YYYSYLLKNHI	29	>PTEN-Y177(YCYSYLLKNHI	6225	6196
>PTEN-Y177(YYYSYLLK	399	>PTEN-Y177(YCYSYLLK	16796	16397
>PTEN-Y177(YYYSYLLKNHI	147	>PTEN-Y177(YCYSYLLKNHI	16436	16289
>PTEN-Y177(YYYSYLLK	127	>PTEN-Y177(YCYSYLLK	21758	21631
>PTEN-Y177(YYYSYLLKN	315	>PTEN-Y177(YCYSYLLKN	24061	23746
>PTEN-Y177(YYYSYLLKNHI	6	>PTEN-Y177(YCYSYLLKNHI	9241	9235
>PTEN-Y177(YYYSYLLK	269	>PTEN-Y177(YCYSYLLK	4908	4639
>PTEN-Y177(YYYSYLLK	125	>PTEN-Y177(YCYSYLLK	1248	1123
>PTEN-Y177(YYYSYLLK	211	>PTEN-Y177(YCYSYLLK	4315	4104
>PTEN-Y177(YYYSYLLK	364	>PTEN-Y177(YCYSYLLK	5693	5329
>PTEN-Y177(YYYSYLLK	81	>PTEN-Y177(YCYSYLLK	468	387
>PTEN-Y177(YYYSYLLKNHI	2898	>PTEN-Y177(YCYSYLLKNHI	272	2626
>PTEN-Y177(YYYSYLLK	50	>PTEN-Y177(YCYSYLLK	607	557
>PTEN-Y177(YYYSYLLKNHI	347	>PTEN-Y177(YCYSYLLKNHI	5773	5426
>PTEN-Y177(YYYSYLLKNHI	441	>PTEN-Y177(YCYSYLLKNHI	28762	28321
>PTEN-Y177(TIPSQRRYVY	290	>PTEN-Y177(TIPSQRRYVY	32189	31899
>PTEN-Y177(TIPSQRRYVY	238	>PTEN-Y177(TIPSQRRYVY	24796	24558
>PTEN-Y177(VYYYSYLL	63	>PTEN-Y177(VYCYSYLL	1873	1810
>PTEN-Y177(VYYYSYLL	411	>PTEN-Y177(VYCYSYLL	2086	1675
>PTEN-Y177(VYYYSYLLK	105	>PTEN-Y177(VYCYSYLLK	2053	1948
>PTEN-Y177(VYYYSYLLK	39	>PTEN-Y177(VYCYSYLLK	61	22
>PTEN-Y177(VYYYSYLL	28	>PTEN-Y177(VYCYSYLL	126	98
>PTEN-Y177(VYYYSYLLK	68	>PTEN-Y177(VYCYSYLLK	293	225
>PTEN-Y177(VYYYSYLL	59	>PTEN-Y177(VYCYSYLL	101	42
>PTEN-Y177(VYYYSYLLK	411	>PTEN-Y177(VYCYSYLLK	765	354
>PTEN-Y177(VYYYSYLL	23	>PTEN-Y177(VYCYSYLL	32	9
>PTEN-Y177(VYYYSYLLK	23	>PTEN-Y177(VYCYSYLLK	60	37
>PTEN-Y177(VYYYSYLLK	302	>PTEN-Y177(VYCYSYLLK	753	451
>PTEN-Y177(VYYYSYLL	234	>PTEN-Y177(VYCYSYLL	3995	3761
>PTEN-Y177(VYYYSYLLK	155	>PTEN-Y177(VYCYSYLLK	405	250
>PTEN-Y177(VYYYSYLL	353	>PTEN-Y177(VYCYSYLL	196	157
>PTEN-Y177(VYYYSYLL	188	>PTEN-Y177(VYCYSYLL	655	467
>PTEN-Y177(VVYYYSYL	4	>PTEN-Y177(VVYCYSYL	3	1
>PTEN-Y177(VVYYYSYLL	20	>PTEN-Y177(VVYCYSYLL	44	24
>PTEN-Y177(VVYYYSYL	10	>PTEN-Y177(VVYCYSYL	10	0
>PTEN-Y177(VVYYYSYLL	7	>PTEN-Y177(VVYCYSYLL	7	0
>PTEN-Y177(VVYYYSYL	4	>PTEN-Y177(VVYCYSYL	5	1

>PTEN-Y177(YVYYYSYLL	3	>PTEN-Y177(YVYCYSYLL	3	0
>PTEN-Y177(YVYYYSYL	9	>PTEN-Y177(YVYCYSYL	6	3
>PTEN-Y177(YVYYYSYLL	18	>PTEN-Y177(YVYCYSYLL	9	9
>PTEN-Y177(YVYYYSYL	8	>PTEN-Y177(YVYCYSYL	6	2
>PTEN-Y177(YVYYYSYLL	8	>PTEN-Y177(YVYCYSYLL	6	2
>PTEN-Y177(YVYYYSYL	5	>PTEN-Y177(YVYCYSYL	3	2
>PTEN-Y177(YVYYYSYLL	10	>PTEN-Y177(YVYCYSYLL	4	6
>PTEN-Y177(YVYYYSYL	21	>PTEN-Y177(YVYCYSYL	8	13
>PTEN-Y177(YVYYYSYLL	12	>PTEN-Y177(YVYCYSYLL	5	7
>PTEN-Y177(YVYYYSYL	42	>PTEN-Y177(YVYCYSYL	33	9
>PTEN-Y177(YVYYYSYLL	86	>PTEN-Y177(YVYCYSYLL	53	33
>PTEN-Y177(YVYYYSYL	99	>PTEN-Y177(YVYCYSYL	39	60
>PTEN-Y177(YVYYYSYLL	200	>PTEN-Y177(YVYCYSYLL	65	135
>PTEN-Y177(YVYYYSYL	12	>PTEN-Y177(YVYCYSYL	11	1
>PTEN-Y177(YVYYYSYLL	27	>PTEN-Y177(YVYCYSYLL	21	6
>PTEN-Y177(YVYYYSYLLK	8	>PTEN-Y177(YVYCYSYLLK	11	3
>PTEN-Y177(YVYYYSYLLK	7	>PTEN-Y177(YVYCYSYLLK	8	1
>PTEN-Y177(YVYYYSYLL	514	>PTEN-Y177(YVYCYSYLL	214	300
>PTEN-Y177(YVYYYSYL	193	>PTEN-Y177(YVYCYSYL	416	223
>PTEN-Y177(YVYYYSYLL	71	>PTEN-Y177(YVYCYSYLL	130	59
>PTEN-Y177(YVYYYSYLLK	41	>PTEN-Y177(YVYCYSYLLK	45	4
>PTEN-Y177(YVYYYSYLLK	165	>PTEN-Y177(YVYCYSYLLK	170	5
>PTEN-Y177(YVYYYSYLL	81	>PTEN-Y177(YVYCYSYLL	256	175
>PTEN-Y177(YVYYYSYLLK	274	>PTEN-Y177(YVYCYSYLLK	402	128
>PTEN-Y177(YVYYYSYL	377	>PTEN-Y177(YVYCYSYL	847	470
>PTEN-Y177(YVYYYSYLL	253	>PTEN-Y177(YVYCYSYLL	600	347
>PTEN-Y177(YVYYYSYLLK	6	>PTEN-Y177(YVYCYSYLLK	6	0
>PTEN-Y177(YVYYYSYL	21	>PTEN-Y177(YVYCYSYL	16	5
>PTEN-Y177(YVYYYSYLL	11	>PTEN-Y177(YVYCYSYLL	9	2
>PTEN-Y177(YVYYYSYL	17	>PTEN-Y177(YVYCYSYL	13	4
>PTEN-Y177(YVYYYSYLL	19	>PTEN-Y177(YVYCYSYLL	10	9
>PTEN-Y177(YVYYYSYL	279	>PTEN-Y177(YVYCYSYL	309	30
>PTEN-Y177(YVYYYSYLL	421	>PTEN-Y177(YVYCYSYLL	443	22
>PTEN-Y177(YVYYYSYL	85	>PTEN-Y177(YVYCYSYL	89	4
>PTEN-Y177(YVYYYSYLL	255	>PTEN-Y177(YVYCYSYLL	282	27
>PTEN-Y177(YVYYYSYL	52	>PTEN-Y177(YVYCYSYL	82	30
>PTEN-Y177(YVYYYSYLL	84	>PTEN-Y177(YVYCYSYLL	136	52
>PTEN-Y177(YVYYYSYL	748	>PTEN-Y177(YVYCYSYL	407	341
>PTEN-Y177(YVYYYSYLL	219	>PTEN-Y177(YVYCYSYLL	117	102
>PTEN-Y177(YVYYYSYLL	75	>PTEN-Y177(YVYCYSYLL	107	32
>PTEN-Y177(YVYYYSYLL	63	>PTEN-Y177(YVYCYSYLL	123	60
>PTEN-Y177(YVYYYSYLL	51	>PTEN-Y177(YVYCYSYLL	67	16
>PTEN-Y177(YVYYYSYLLK	50	>PTEN-Y177(YVYCYSYLLK	39	11

>PTEN-Y177C(YVYYYYSYLLK	490	>PTEN-Y177C(YVYCYSYLLK	434	56
>PTEN-Y177C(YVYYYYSYLLK	898	>PTEN-Y177C(YVYCYSYLLK	362	536
>PTEN-Y177C(RYVYYYYSYL	51	>PTEN-Y177C(RYVYCYSYL	183	132
>PTEN-Y177C(RYVYYYYSYL	794	>PTEN-Y177C(RYVYCYSYL	177	617
>PTEN-Y177C(RYVYYYYSYL	340	>PTEN-Y177C(RYVYCYSYL	633	293
>PTEN-Y177C(RYVYYYYSYLLK	94	>PTEN-Y177C(RYVYCYSYLLK	135	41
>PTEN-Y177C(RYVYYYYSY	213	>PTEN-Y177C(RYVYCYSY	143	70
>PTEN-Y177C(RYVYYYYSYL	42	>PTEN-Y177C(RYVYCYSYL	24	18
>PTEN-Y177C(RYVYYYYSYLL	6	>PTEN-Y177C(RYVYCYSYLL	13	7
>PTEN-Y177C(RYVYYYYSYLLK	105	>PTEN-Y177C(RYVYCYSYLLK	62	43
>PTEN-Y177C(RYVYYYYSY	244	>PTEN-Y177C(RYVYCYSY	338	94
>PTEN-Y177C(RYVYYYYSYL	56	>PTEN-Y177C(RYVYCYSYL	50	6
>PTEN-Y177C(RYVYYYYSYLL	26	>PTEN-Y177C(RYVYCYSYLL	46	20
>PTEN-Y177C(RYVYYYYSYLLK	271	>PTEN-Y177C(RYVYCYSYLLK	246	25
>PTEN-Y177C(RYVYYYYSY	86	>PTEN-Y177C(RYVYCYSY	185	99
>PTEN-Y177C(RYVYYYYSYL	6	>PTEN-Y177C(RYVYCYSYL	6	0
>PTEN-Y177C(RYVYYYYSYLL	10	>PTEN-Y177C(RYVYCYSYLL	10	0
>PTEN-Y177C(RYVYYYYSYLLK	446	>PTEN-Y177C(RYVYCYSYLLK	436	10
>PTEN-Y177C(RYVYYYYSY	18	>PTEN-Y177C(RYVYCYSY	22	4
>PTEN-Y177C(RYVYYYYSYLL	222	>PTEN-Y177C(RYVYCYSYLL	370	148
>PTEN-Y177C(RYVYYYYSYL	121	>PTEN-Y177C(RYVYCYSYL	484	363
>PTEN-Y177C(RYVYYYYSYLL	348	>PTEN-Y177C(RYVYCYSYLL	872	524
>PTEN-Y177C(RYVYYYYSYLLK	6	>PTEN-Y177C(RYVYCYSYLLK	9	3
>PTEN-Y177C(RYVYYYYSY	39	>PTEN-Y177C(RYVYCYSY	17	22
>PTEN-Y177C(RYVYYYYSYLL	410	>PTEN-Y177C(RYVYCYSYLL	1130	720
>PTEN-Y177C(RYVYYYYSY	484	>PTEN-Y177C(RYVYCYSY	1182	698
>PTEN-Y177C(RYVYYYYSYL	105	>PTEN-Y177C(RYVYCYSYL	189	84
>PTEN-Y177C(RYVYYYYSYLLK	33	>PTEN-Y177C(RYVYCYSYLLK	48	15
>PTEN-Y177C(RYVYYYYSY	88	>PTEN-Y177C(RYVYCYSY	177	89
>PTEN-Y177C(RYVYYYYSY	77	>PTEN-Y177C(RYVYCYSY	150	73
>PTEN-Y177C(RYVYYYYSYL	223	>PTEN-Y177C(RYVYCYSYL	325	102
>PTEN-Y177C(RYVYYYYSYLL	420	>PTEN-Y177C(RYVYCYSYLL	526	106
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>PTEN-Y177C(RYVYYYYSY	127	>PTEN-Y177C(RYVYCYSY	84	43
>PTEN-Y177C(RYVYYYYSYL	1563	>PTEN-Y177C(RYVYCYSYL	373	1190
>PTEN-Y177C(RYVYYYYSYLLK	42	>PTEN-Y177C(RYVYCYSYLLK	25	17
>PTEN-Y177C(RYVYYYYSYL	311	>PTEN-Y177C(RYVYCYSYL	396	85
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>PTEN-Y177C(RYVYYYYSY	356	>PTEN-Y177C(RYVYCYSY	479	123
>PTEN-Y177C(RYVYYYYSYL	37	>PTEN-Y177C(RYVYCYSYL	66	29
>PTEN-Y177C(RYVYYYYSYLL	32	>PTEN-Y177C(RYVYCYSYLL	59	27
>PTEN-Y177C(RYVYYYYSYLLK	325	>PTEN-Y177C(RYVYCYSYLLK	534	209
>PTEN-Y177C(RRYVYYYYSYLI	136	>PTEN-Y177C(RRYVYCYSYLI	383	247

>PTEN-Y177C RRYVYYYSYL	429	>PTEN-Y177C RRYVVCYSYL	785	356
>PTEN-Y177C RRYVYYYSY	139	>PTEN-Y177C RRYVVCYSY	150	11
>PTEN-Y177C RRYVYYYSY	106	>PTEN-Y177C RRYVVCYSY	46	60
>PTEN-Y177C RRYVYYYSY	3	>PTEN-Y177C RRYVVCYSY	4	1
>PTEN-Y177C RRYVYYYSYL	8	>PTEN-Y177C RRYVVCYSYL	10	2
>PTEN-Y177C RRYVYYYSYLI	19	>PTEN-Y177C RRYVVCYSYLI	23	4
>PTEN-Y177C RRYVYYYS	69	>PTEN-Y177C RRYVVCYS	182	113
>PTEN-Y177C RRYVYYYSY	11	>PTEN-Y177C RRYVVCYSY	23	12
>PTEN-Y177C RRYVYYYSYL	7	>PTEN-Y177C RRYVVCYSYL	8	1
>PTEN-Y177C RRYVYYYSYLI	8	>PTEN-Y177C RRYVVCYSYLI	11	3
>PTEN-Y177C RRYVYYYSYL	325	>PTEN-Y177C RRYVVCYSYL	762	437
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>PTEN-Y177C RRYVYYYSYLI	106	>PTEN-Y177C RRYVVCYSYLI	212	106
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>PTEN-Y177C RRYVYYYSY	33	>PTEN-Y177C RRYVVCYSY	91	58
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>PTEN-Y177C RRYVYYYSYLI	3	>PTEN-Y177C RRYVVCYSYLI	4	1
>PTEN-Y177C RRYVYYYSY	231	>PTEN-Y177C RRYVVCYSY	324	93
>PTEN-Y177C QRRYVYYY	292	>PTEN-Y177C QRRYVVCY	3402	3110
>PTEN-Y177C QRRYVYYY	388	>PTEN-Y177C QRRYVVCY	2528	2140
>PTEN-Y177C QRRYVYYYYSY	405	>PTEN-Y177C QRRYVVCYSY	506	101
>PTEN-Y177C QRRYVYYY	33	>PTEN-Y177C QRRYVVCY	40	7
>PTEN-Y177C QRRYVYYYYSY	15	>PTEN-Y177C QRRYVVCYSY	21	6
>PTEN-Y177C QRRYVYYYYSY	44	>PTEN-Y177C QRRYVVCYSY	59	15
>PTEN-Y177C QRRYVYYYYSY	33	>PTEN-Y177C QRRYVVCYSY	68	35
>PTEN-Y177C QRRYVYYYYSY	41	>PTEN-Y177C QRRYVVCYSY	45	4
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>PTEN-Y177C SQRRYVYYY	308	>PTEN-Y177C SQRRYVVCY	726	418
>PTEN-Y177C SQRRYVYYY	137	>PTEN-Y177C SQRRYVVCY	1659	1522
>PTEN-Y177C SQRRYVYYYYS	355	>PTEN-Y177C SQRRYVVCYS	583	228
>PTEN-Y177C SQRRYVYYY	72	>PTEN-Y177C SQRRYVVC	951	879
>PTEN-Y177C SQRRYVYYY	75	>PTEN-Y177C SQRRYVVCY	1190	1115
>PTEN-Y177C SQRRYVYYYYS	152	>PTEN-Y177C SQRRYVVCYS	122	30
>PTEN-Y177C SQRRYVYYYYS	104	>PTEN-Y177C SQRRYVVCYS	499	395
>PTEN-Y177C SQRRYVYYY	83	>PTEN-Y177C SQRRYVVCY	661	578
>PTEN-Y177C SQRRYVYYYYS	106	>PTEN-Y177C SQRRYVVCYS	100	6
>PTEN-Y177C SQRRYVYYY	219	>PTEN-Y177C SQRRYVVCY	2518	2299
>PTEN-Y177C SQRRYVYYY	212	>PTEN-Y177C SQRRYVVCY	407	195

>PTEN-Y177C(SQRRYVYY	41	>PTEN-Y177C(SQRRYVYC	7160	7119
>PTEN-Y177C(SQRRYVYYY	36	>PTEN-Y177C(SQRRYVYCY	40	4
>PTEN-Y177C(SQRRYVYYYS	34	>PTEN-Y177C(SQRRYVYCYS	34	0
>PTEN-Y177C(SQRRYVYY	383	>PTEN-Y177C(SQRRYVYC	25877	25494
>PTEN-Y177C(SQRRYVYYYS	322	>PTEN-Y177C(SQRRYVYCYS	379	57
>PTEN-Y177C(SQRRYVYY	4	>PTEN-Y177C(SQRRYVYC	746	742
>PTEN-Y177C(SQRRYVYYY	4	>PTEN-Y177C(SQRRYVYCY	5	1
>PTEN-Y177C(SQRRYVYYYS	3	>PTEN-Y177C(SQRRYVYCYS	4	1
>PTEN-Y177C(SQRRYVYYYS	492	>PTEN-Y177C(SQRRYVYCYS	773	281
>PTEN-Y177C(SQRRYVYYY	453	>PTEN-Y177C(SQRRYVYCY	1874	1421
>PTEN-Y177C(PSQRRYVYYY	186	>PTEN-Y177C(PSQRRYVYCY	198	12
>PTEN-Y177C(PSQRRYVYYY	359	>PTEN-Y177C(PSQRRYVYCY	923	564
>PTEN-Y177C(PSQRRYVYYY	40	>PTEN-Y177C(PSQRRYVYCY	81	41
>PTEN-Y177C(PSQRRYVYYY	353	>PTEN-Y177C(PSQRRYVYCY	1556	1203
>PTEN-Y177C(IPSQRRYVYYY	288	>PTEN-Y177C(IPSQRRYVYC	1411	1123
>PTEN-Y177C(IPSQRRYVYYY	123	>PTEN-Y177C(IPSQRRYVYC	755	632
>PTEN-Y177C(IPSQRRYVYYY	27	>PTEN-Y177C(IPSQRRYVYC	17	10
>PTEN-Y177C(IPSQRRYVYYY	31	>PTEN-Y177C(IPSQRRYVYC	42	11
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>PTEN-Y177C(IPSQRRYVYYY	12	>PTEN-Y177C(IPSQRRYVYC	18	6
>PTEN-Y177C(IPSQRRYVYY	262	>PTEN-Y177C(IPSQRRYVYC	6447	6185
>PTEN-Y177C(IPSQRRYVYYY	518	>PTEN-Y177C(IPSQRRYVYC	394	124
>PTEN-Y188S YRPVALLFHK	2228	>PTEN-Y188S SRPVALLFHK	425	1803
>PTEN-Y188S YRPVALLF	169	>PTEN-Y188S SRPVALLF	605	436
>PTEN-Y188S YRPVALLF	219	>PTEN-Y188S SRPVALLF	1060	841
>PTEN-Y188S YRPVALLFHK	60	>PTEN-Y188S SRPVALLFHK	216	156
>PTEN-Y188S YRPVALLF	251	>PTEN-Y188S SRPVALLF	1239	988
>PTEN-Y188S YRPVALLFHK	120	>PTEN-Y188S SRPVALLFHK	518	398
>PTEN-Y188S YRPVALLFHK	338	>PTEN-Y188S SRPVALLFHK	108	230
>PTEN-Y188S DYRPVALLF	159	>PTEN-Y188S DSRPVALLF	16470	16311
>PTEN-Y188S DYRPVALLF	87	>PTEN-Y188S DSRPVALLF	6077	5990
>PTEN-Y188S DYRPVALLF	52	>PTEN-Y188S DSRPVALLF	18165	18113
>PTEN-Y188S DYRPVALLF	325	>PTEN-Y188S DSRPVALLF	2042	1717
>PTEN-Y188S DYRPVALLFH	67	>PTEN-Y188S DSRPVALLFH	66	1
>PTEN-Y188S DYRPVALLFH	247	>PTEN-Y188S DSRPVALLFH	1327	1080
>PTEN-Y188S DYRPVALLFH	22	>PTEN-Y188S DSRPVALLFH	121	99
>PTEN-Y188S DYRPVALLFH	1548	>PTEN-Y188S DSRPVALLFH	192	1356
>PTEN-Y188S DYRPVALL	23557	>PTEN-Y188S DSRPVALL	163	23394
>PTEN-Y188S DYRPVALLF	17020	>PTEN-Y188S DSRPVALLF	9	17011
>PTEN-Y188S DYRPVALLF	1340	>PTEN-Y188S DSRPVALLF	59	1281
>PTEN-Y188S YSYLLKNHLD'	125	>PTEN-Y188S YSYLLKNHLD'	18655	18530
>PTEN-Y188S YSYLLKNHLD'	15	>PTEN-Y188S YSYLLKNHLD'	8881	8866
>PTEN-Y188S YSYLLKNHLD'	71	>PTEN-Y188S YSYLLKNHLD'	20739	20668



>PTEN-Y188S YSYLLKNHLD'	164	>PTEN-Y188S YSYLLKNHLD'	16689	16525
>PTEN-Y188S YSYLLKNHLD'	47	>PTEN-Y188S YSYLLKNHLD'	8213	8166
>PTEN-Y188S YSYLLKNHLD'	5	>PTEN-Y188S YSYLLKNHLD'	5103	5098
>PTEN-Y188S YSYLLKNHLD'	315	>PTEN-Y188S YSYLLKNHLD'	16516	16201
>PTEN-Y188S YSYLLKNHLD'	58	>PTEN-Y188S YSYLLKNHLD'	8089	8031
>PTEN-Y188S LDYRPVALLF	237	>PTEN-Y188S LDYRPVALLF	1373	1136
>PTEN-Y188S HLDYRPVALL	544	>PTEN-Y188S HLDYRPVALL	479	65
>PTEN-Y188S HLDYRPVAL	252	>PTEN-Y188S HLDYRPVAL	156	96
>PTEN-Y188S HLDYRPVAL	165	>PTEN-Y188S HLDYRPVAL	84	81
>PTEN-Y188S HLDYRPVALL	97	>PTEN-Y188S HLDYRPVALL	39	58
>PTEN-Y188S HLDYRPVALL	488	>PTEN-Y188S HLDYRPVALL	296	192
>PTEN-Y188S HLDYRPVA	1289	>PTEN-Y188S HLDYRPVA	397	892
>PTEN-Y188S HLDYRPVAL	121	>PTEN-Y188S HLDYRPVAL	19	102
>PTEN-Y188S HLDYRPVALL	82	>PTEN-Y188S HLDYRPVALL	18	64
>PTEN-Y188S HLDYRPVAL	34	>PTEN-Y188S HLDYRPVAL	23	11
>PTEN-Y188S HLDYRPVALL	42	>PTEN-Y188S HLDYRPVALL	31	11
>PTEN-Y188S HLDYRPVA	1155	>PTEN-Y188S HLDYRPVA	314	841
>PTEN-Y188S HLDYRPVAL	538	>PTEN-Y188S HLDYRPVAL	115	423
>PTEN-Y188S HLDYRPVALL	262	>PTEN-Y188S HLDYRPVALL	70	192
>PTEN-Y188S HLDYRPVALL	1143	>PTEN-Y188S HLDYRPVALL	258	885
>PTEN-Y188S HLDYRPVA	296	>PTEN-Y188S HLDYRPVA	83	213
>PTEN-Y188S HLDYRPVAL	187	>PTEN-Y188S HLDYRPVAL	39	148
>PTEN-Y188S HLDYRPVALL	60	>PTEN-Y188S HLDYRPVALL	19	41
>PTEN-Y188S HLDYRPVAL	101	>PTEN-Y188S HLDYRPVAL	453	352
>PTEN-Y188S HLDYRPVALL	365	>PTEN-Y188S HLDYRPVALL	1107	742
>PTEN-Y188S HLDYRPVAL	71	>PTEN-Y188S HLDYRPVAL	25	46
>PTEN-Y188S HLDYRPVALL	662	>PTEN-Y188S HLDYRPVALL	244	418
>PTEN-Y188S NHLDYRPVAL	321	>PTEN-Y188S NHLDYRPVAL	265	56
>PTEN-Y188S NHLDYRPV	235	>PTEN-Y188S NHLDYRPV	246	11
>PTEN-Y188S NHLDYRPVAL	7	>PTEN-Y188S NHLDYRPVAL	7	0
>PTEN-Y188S NHLDYRPVAL	17	>PTEN-Y188S NHLDYRPVAL	21	4
>PTEN-Y188S KNHLDYRPV/	282	>PTEN-Y188S KNHLDYRPV/	250	32
>PTEN-Y188S LKNHLDYRPV	111	>PTEN-Y188S LKNHLDYRPV	93	18
>PTEN-Y188S LKNHLDYRPV	686	>PTEN-Y188S LKNHLDYRPV	413	273
>PTEN-Y188S LLKNHLDYRP	79	>PTEN-Y188S LLKNHLDYRP	83	4
>PTEN-Y188S LLKNHLDYRP	4	>PTEN-Y188S LLKNHLDYRP	4	0
>PTEN-Y188S LLKNHLDYRP	278	>PTEN-Y188S LLKNHLDYRP	339	61
>PTEN-Y188S LLKNHLDYRP	27	>PTEN-Y188S LLKNHLDYRP	34	7
>PTEN-Y188S LLKNHLDYRP	36	>PTEN-Y188S LLKNHLDYRP	28	8
>PTEN-Y188S LLKNHLDYRP	5	>PTEN-Y188S LLKNHLDYRP	5	0
>PTEN-Y188S LLKNHLDY	63	>PTEN-Y188S LLKNHLDY	19889	19826
>PTEN-Y188S LLKNHLDY	443	>PTEN-Y188S LLKNHLDY	30130	29687
>PTEN-Y188S LLKNHLDYR	10	>PTEN-Y188S LLKNHLDYR	67	57

>PTEN-Y188S LLKNHLDYR	347	>PTEN-Y188S LLKNHLDSR	1430	1083
>PTEN-Y188S LLKNHLDY	276	>PTEN-Y188S LLKNHLDS	24581	24305
>PTEN-Y188S LLKNHLDYRP	177	>PTEN-Y188S LLKNHLDSRP	151	26
>PTEN-Y188S LLKNHLDY	57	>PTEN-Y188S LLKNHLDS	10807	10750
>PTEN-Y188S LLKNHLDYRP	775	>PTEN-Y188S LLKNHLDSRP	328	447
>PTEN-Y188S LLKNHLDY	248	>PTEN-Y188S LLKNHLDS	25638	25390
>PTEN-Y188S LLKNHLDY	179	>PTEN-Y188S LLKNHLDS	15178	14999
>PTEN-Y188S YLLKNHLDYR	262	>PTEN-Y188S YLLKNHLDSR	1231	969
>PTEN-Y188S YLLKNHLDY	868	>PTEN-Y188S YLLKNHLDS	446	422
>PTEN-Y188S YLLKNHLDY	6	>PTEN-Y188S YLLKNHLDS	3809	3803
>PTEN-Y188S YLLKNHLDYR	202	>PTEN-Y188S YLLKNHLDSR	1009	807
>PTEN-Y188S YLLKNHLDYR	171	>PTEN-Y188S YLLKNHLDSR	2158	1987
>PTEN-Y188S YLLKNHLDY	4	>PTEN-Y188S YLLKNHLDS	10378	10374
>PTEN-Y188S YLLKNHLDY	121	>PTEN-Y188S YLLKNHLDS	16078	15957
>PTEN-Y188S YLLKNHLDY	32	>PTEN-Y188S YLLKNHLDS	9195	9163
>PTEN-Y188S YLLKNHLDY	22	>PTEN-Y188S YLLKNHLDS	8291	8269
>PTEN-Y188S YLLKNHLDY	495	>PTEN-Y188S YLLKNHLDS	36000	35505
>PTEN-Y188S YLLKNHLDYR	327	>PTEN-Y188S YLLKNHLDSR	1927	1600
>PTEN-Y188S YLLKNHLDYR	43	>PTEN-Y188S YLLKNHLDSR	225	182
>PTEN-Y188S SYLLKNHLDY	499	>PTEN-Y188S SYLLKNHLDS	2327	1828
>PTEN-Y188S SYLLKNHLDY	51	>PTEN-Y188S SYLLKNHLDS	22213	22162
>PTEN-Y188S SYLLKNHLDY	246	>PTEN-Y188S SYLLKNHLDS	20728	20482
>PTEN-Y188S SYLLKNHLDYI	15	>PTEN-Y188S SYLLKNHLDSI	84	69
>PTEN-Y188S SYLLKNHLDYI	82	>PTEN-Y188S SYLLKNHLDSI	168	86
>PTEN-Y188S SYLLKNHLDY	21	>PTEN-Y188S SYLLKNHLDS	20449	20428
>PTEN-Y188S SYLLKNHLDYI	15	>PTEN-Y188S SYLLKNHLDSI	61	46
>PTEN-Y225C IYSSNSGPTRF	137	>PTEN-Y225C ICSSNSGPTRF	3665	3528
>PTEN-Y225C IYSSNSGPTRF	467	>PTEN-Y225C ICSSNSGPTRF	6863	6396
>PTEN-Y225C IYSSNSGPTR	95	>PTEN-Y225C ICSSNSGPTR	1456	1361
>PTEN-Y225C IYSSNSGPTRF	80	>PTEN-Y225C ICSSNSGPTRF	940	860
>PTEN-Y225C FVVCQLKVKI	160	>PTEN-Y225C FVVCQLKVKII	16673	16513
>PTEN-Y225C FVVCQLKVKI	9	>PTEN-Y225C FVVCQLKVKII	12138	12129
>PTEN-Y225C FVVCQLKVKI	137	>PTEN-Y225C FVVCQLKVKII	24484	24347
>PTEN-Y225C FVVCQLKVKI	388	>PTEN-Y225C FVVCQLKVKII	17117	16729
>PTEN-Y225C FVVCQLKVKI	231	>PTEN-Y225C FVVCQLKVKII	16869	16638
>PTEN-Y225C KIYSSNSGPTF	50	>PTEN-Y225C KICSSNSGPTF	940	890
>PTEN-Y225C KIYSSNSGPTF	121	>PTEN-Y225C KICSSNSGPTF	558	437
>PTEN-Y225C KIYSSNSGPTF	316	>PTEN-Y225C KICSSNSGPTF	886	570
>PTEN-Y225C KIYSSNSGPTF	12	>PTEN-Y225C KICSSNSGPTF	27	15
>PTEN-Y225C KIYSSNSGPTF	189	>PTEN-Y225C KICSSNSGPTF	492	303
>PTEN-Y225C KIYSSNSGPTF	466	>PTEN-Y225C KICSSNSGPTF	3999	3533
>PTEN-Y225C KIYSSNSGPTF	41	>PTEN-Y225C KICSSNSGPTF	99	58
>PTEN-Y225C VKIYSSNS	338	>PTEN-Y225C VKICSSNS	354	16

>PTEN-Y225(VKIYSSNSGP	308	>PTEN-Y225(VKICSSNSGP	285	23
>PTEN-Y225(KVKIYSSN	115	>PTEN-Y225(KVKICSSN	560	445
>PTEN-Y225(KVKIYSSNSG	14	>PTEN-Y225(KVKICSSNSG	30	16
>PTEN-Y225(KVKIYSSNSGI	192	>PTEN-Y225(KVKICSSNSGI	445	253
>PTEN-Y225(LKVKIYSSNS	496	>PTEN-Y225(LKVKICSSNS	840	344
>PTEN-Y225(CQLKVKIY	27	>PTEN-Y225(CQLKVKIC	6275	6248
>PTEN-Y27C-YIYPNIIAM	226	>PTEN-Y27C-CIYPNIIAM	1419	1193
>PTEN-Y27C-YIYPNIIAM	163	>PTEN-Y27C-CIYPNIIAM	111	52
>PTEN-Y27C-YIYPNIIAMGF	561	>PTEN-Y27C-CIYPNIIAMGF	436	125
>PTEN-Y27C-YIYPNIIA	75	>PTEN-Y27C-CIYPNIIA	3326	3251
>PTEN-Y27C-YIYPNIIAM	35	>PTEN-Y27C-CIYPNIIAM	1551	1516
>PTEN-Y27C-YIYPNIIA	345	>PTEN-Y27C-CIYPNIIA	3500	3155
>PTEN-Y27C-YIYPNIIAM	172	>PTEN-Y27C-CIYPNIIAM	2094	1922
>PTEN-Y27C-YIYPNIIA	25	>PTEN-Y27C-CIYPNIIA	507	482
>PTEN-Y27C-YIYPNIIAM	29	>PTEN-Y27C-CIYPNIIAM	1014	985
>PTEN-Y27C-YIYPNIIAMGF	464	>PTEN-Y27C-CIYPNIIAMGF	6954	6490
>PTEN-Y27C-YIYPNIIA	21	>PTEN-Y27C-CIYPNIIA	1174	1153
>PTEN-Y27C-YIYPNIIAM	8	>PTEN-Y27C-CIYPNIIAM	242	234
>PTEN-Y27C-YIYPNIIAMGF	31	>PTEN-Y27C-CIYPNIIAMGF	1017	986
>PTEN-Y27C-YIYPNIIA	17	>PTEN-Y27C-CIYPNIIA	1210	1193
>PTEN-Y27C-YIYPNIIAM	4	>PTEN-Y27C-CIYPNIIAM	126	122
>PTEN-Y27C-YIYPNIIAMG	49	>PTEN-Y27C-CIYPNIIAMG	4217	4168
>PTEN-Y27C-YIYPNIIAMGF	73	>PTEN-Y27C-CIYPNIIAMGF	4076	4003
>PTEN-Y27C-YIYPNIIA	129	>PTEN-Y27C-CIYPNIIA	5084	4955
>PTEN-Y27C-YIYPNIIAM	21	>PTEN-Y27C-CIYPNIIAM	1728	1707
>PTEN-Y27C-YIYPNIIA	53	>PTEN-Y27C-CIYPNIIA	6661	6608
>PTEN-Y27C-YIYPNIIAM	72	>PTEN-Y27C-CIYPNIIAM	7387	7315
>PTEN-Y27C-YIYPNIIAM	117	>PTEN-Y27C-CIYPNIIAM	3677	3560
>PTEN-Y27C-YIYPNIIA	11	>PTEN-Y27C-CIYPNIIA	936	925
>PTEN-Y27C-YIYPNIIAM	6	>PTEN-Y27C-CIYPNIIAM	1562	1556
>PTEN-Y27C-YIYPNIIAMGF	338	>PTEN-Y27C-CIYPNIIAMGF	13061	12723
>PTEN-Y27C-YIYPNIIAMGF	133	>PTEN-Y27C-CIYPNIIAMGF	222	89
>PTEN-Y27C-YIYPNIIAM	108	>PTEN-Y27C-CIYPNIIAM	2183	2075
>PTEN-Y27C-YIYPNIIAMGF	214	>PTEN-Y27C-CIYPNIIAMGF	3018	2804
>PTEN-Y27C-YIYPNIIAM	26	>PTEN-Y27C-CIYPNIIAM	202	176
>PTEN-Y27C-YIYPNIIAMGF	417	>PTEN-Y27C-CIYPNIIAMGF	2232	1815
>PTEN-Y27C-YIYPNIIAMGF	92	>PTEN-Y27C-CIYPNIIAMGF	990	898
>PTEN-Y27C-YIYPNIIAMGF	311	>PTEN-Y27C-CIYPNIIAMGF	1334	1023
>PTEN-Y27C-YIYPNIIAM	40	>PTEN-Y27C-CIYPNIIAM	2083	2043
>PTEN-Y27C-YIYPNIIAM	69	>PTEN-Y27C-CIYPNIIAM	1148	1079
>PTEN-Y27C-YIYPNIIAMGF	63	>PTEN-Y27C-CIYPNIIAMGF	818	755
>PTEN-Y27C-YIYPNIIAM	187	>PTEN-Y27C-CIYPNIIAM	4573	4386
>PTEN-Y27C-YIYPNIIAMGF	93	>PTEN-Y27C-CIYPNIIAMGF	1987	1894

>PTEN-Y27C-YIYPNIIAM	35	>PTEN-Y27C-CIYPNIIAM	380	345
>PTEN-Y27C-YIYPNIIAMGF	16	>PTEN-Y27C-CIYPNIIAMGF	105	89
>PTEN-Y27C-YIYPNIIAM	51	>PTEN-Y27C-CIYPNIIAM	1169	1118
>PTEN-Y27C-YIYPNIIAMGF	8	>PTEN-Y27C-CIYPNIIAMGF	55	47
>PTEN-Y27C-YIYPNIIAM	22	>PTEN-Y27C-CIYPNIIAM	122	100
>PTEN-Y27C-YIYPNIIAMGF	173	>PTEN-Y27C-CIYPNIIAMGF	1399	1226
>PTEN-Y27C-YIYPNIIAM	197	>PTEN-Y27C-CIYPNIIAM	4156	3959
>PTEN-Y27C-TYIYPNII	422	>PTEN-Y27C-TCIYPNII	30891	30469
>PTEN-Y27C-TYIYPNII	64	>PTEN-Y27C-TCIYPNII	14102	14038
>PTEN-Y27C-TYIYPNII	128	>PTEN-Y27C-TCIYPNII	13355	13227
>PTEN-Y27C-TYIYPNII	64	>PTEN-Y27C-TCIYPNII	24738	24674
>PTEN-Y27C-TYIYPNIIAM	317	>PTEN-Y27C-TCIYPNIIAM	25672	25355
>PTEN-Y27C-TYIYPNIIAM	36	>PTEN-Y27C-TCIYPNIIAM	34	2
>PTEN-Y27C-QEDGFDLDLT	44	>PTEN-Y27C-QEDGFDLDLT	5676	5632
>PTEN-Y27C-QEDGFDLDLT	114	>PTEN-Y27C-QEDGFDLDLT	4657	4543
>PTEN-Y27C-LTYIYPNI	4	>PTEN-Y27C-LTCIYPNI	419	415
>PTEN-Y27C-LTYIYPNII	234	>PTEN-Y27C-LTCIYPNII	10495	10261
>PTEN-Y27C-LTYIYPNIIAM	69	>PTEN-Y27C-LTCIYPNIIAM	5145	5076
>PTEN-Y27C-LTYIYPNII	435	>PTEN-Y27C-LTCIYPNII	2869	2434
>PTEN-Y27C-LTYIYPNI	309	>PTEN-Y27C-LTCIYPNI	3910	3601
>PTEN-Y27C-LTYIYPNII	431	>PTEN-Y27C-LTCIYPNII	4235	3804
>PTEN-Y27C-LTYIYPNIIA	368	>PTEN-Y27C-LTCIYPNIIA	1052	684
>PTEN-Y27C-LTYIYPNI	86	>PTEN-Y27C-LTCIYPNI	1484	1398
>PTEN-Y27C-LTYIYPNIIAM	239	>PTEN-Y27C-LTCIYPNIIAM	2531	2292
>PTEN-Y27C-LTYIYPNIIAM	320	>PTEN-Y27C-LTCIYPNIIAM	373	53
>PTEN-Y27C-LTYIYPNIIA	118	>PTEN-Y27C-LTCIYPNIIA	587	469
>PTEN-Y27C-LTYIYPNI	65	>PTEN-Y27C-LTCIYPNI	2515	2450
>PTEN-Y27C-LTYIYPNIIAM	326	>PTEN-Y27C-LTCIYPNIIAM	6054	5728
>PTEN-Y27C-LTYIYPNIIAM	368	>PTEN-Y27C-LTCIYPNIIAM	979	611
>PTEN-Y27C-LTYIYPNIIAM	98	>PTEN-Y27C-LTCIYPNIIAM	1355	1257
>PTEN-Y27C-LTYIYPNI	13	>PTEN-Y27C-LTCIYPNI	106	93
>PTEN-Y27C-LTYIYPNII	33	>PTEN-Y27C-LTCIYPNII	632	599
>PTEN-Y27C-LTYIYPNIIAM	5	>PTEN-Y27C-LTCIYPNIIAM	22	17
>PTEN-Y27C-LTYIYPNIIAM	134	>PTEN-Y27C-LTCIYPNIIAM	576	442
>PTEN-Y27C-LTYIYPNI	469	>PTEN-Y27C-LTCIYPNI	6927	6458
>PTEN-Y27C-LTYIYPNII	167	>PTEN-Y27C-LTCIYPNII	557	390
>PTEN-Y27C-LTYIYPNIIAM	111	>PTEN-Y27C-LTCIYPNIIAM	341	230
>PTEN-Y27C-LTYIYPNII	126	>PTEN-Y27C-LTCIYPNII	616	490
>PTEN-Y27C-LTYIYPNIIA	136	>PTEN-Y27C-LTCIYPNIIA	419	283
>PTEN-Y27C-LTYIYPNIIAM	74	>PTEN-Y27C-LTCIYPNIIAM	334	260
>PTEN-Y27C-LTYIYPNI	9	>PTEN-Y27C-LTCIYPNI	22	13
>PTEN-Y27C-LTYIYPNII	12	>PTEN-Y27C-LTCIYPNII	32	20
>PTEN-Y27C-LTYIYPNIIAM	147	>PTEN-Y27C-LTCIYPNIIAM	600	453

>PTEN-Y27C- DLTYIYPNI	384	>PTEN-Y27C- DLTCIYPNI	107	277
>PTEN-Y27C- LDLTYYIYPNI	87	>PTEN-Y27C- LDLTTCIYPNI	308	221
>PTEN-Y27C- LDLTYYIYPNII	90	>PTEN-Y27C- LDLTTCIYPNII	215	125
>PTEN-Y27C- LDLTYYIYPNI	482	>PTEN-Y27C- LDLTTCIYPNI	662	180
>PTEN-Y27C- LDLTYYIYPNII	52	>PTEN-Y27C- LDLTTCIYPNII	78	26
>PTEN-Y27C- LDLTYYIYPNI	72	>PTEN-Y27C- LDLTTCIYPNI	171	99
>PTEN-Y27C- LDLTYYIYPNII	27	>PTEN-Y27C- LDLTTCIYPNII	64	37
>PTEN-Y27C- DLDLTYIY	101	>PTEN-Y27C- DLDLTCIY	410	309
>PTEN-Y27C- DLDLTYIYPNI	294	>PTEN-Y27C- DLDLTCIYPNI	471	177
>PTEN-Y27C- DLDLTYIYPNI	480	>PTEN-Y27C- DLDLTCIYPNI	460	20
>PTEN-Y27C- DLDLTYIYPNI	168	>PTEN-Y27C- DLDLTCIYPNI	254	86
>PTEN-Y27C- DLDLTYIY	217	>PTEN-Y27C- DLDLTCIY	1063	846
>PTEN-Y27C- FDLDLTYI	142	>PTEN-Y27C- FDLDLTCI	1466	1324
>PTEN-Y27C- FDLDLTYIY	21	>PTEN-Y27C- FDLDLTCIY	785	764
>PTEN-Y27C- FDLDLTYIY	147	>PTEN-Y27C- FDLDLTCIY	1993	1846
>PTEN-Y27C- FDLDLTYIY	123	>PTEN-Y27C- FDLDLTCIY	520	397
>PTEN-Y27C- FDLDLTYI	22	>PTEN-Y27C- FDLDLTCI	22	0
>PTEN-Y27C- FDLDLTYI	53	>PTEN-Y27C- FDLDLTCI	83	30
>PTEN-Y27C- GFDDLTY	62	>PTEN-Y27C- GFDDLTC	18794	18732
>PTEN-Y27C- GFDDLTYIY	64	>PTEN-Y27C- GFDDLTCIY	203	139
>PTEN-Y27C- GFDDLTYIY	369	>PTEN-Y27C- GFDDLTCIY	976	607
>PTEN-Y27C- GFDDLTY	126	>PTEN-Y27C- GFDDLTC	36086	35960
>PTEN-Y27C- DGFDLTY	122	>PTEN-Y27C- DGFDLTC	21254	21132
>PTEN-Y27C- DGFDLTYIY	160	>PTEN-Y27C- DGFDLTCIY	1385	1225
>PTEN-Y27C- DGFDLTYIY	458	>PTEN-Y27C- DGFDLTCIY	2749	2291
>PTEN-Y27C- DGFDLTY	300	>PTEN-Y27C- DGFDLTC	13529	13229
>PTEN-Y27C- DGFDLTYIY	299	>PTEN-Y27C- DGFDLTCIY	1402	1103
>PTEN-Y27C- DGFDLTY	37	>PTEN-Y27C- DGFDLTC	7738	7701
>PTEN-Y27C- DGFDLTYIY	76	>PTEN-Y27C- DGFDLTCIY	174	98
>PTEN-Y27N- YIYPNIIAM	226	>PTEN-Y27N- NIYPNIIAM	2965	2739
>PTEN-Y27N- YIYPNIIAM	163	>PTEN-Y27N- NIYPNIIAM	804	641
>PTEN-Y27N- YIYPNIIA	75	>PTEN-Y27N- NIYPNIIA	3926	3851
>PTEN-Y27N- YIYPNIIAM	35	>PTEN-Y27N- NIYPNIIAM	1831	1796
>PTEN-Y27N- YIYPNIIA	345	>PTEN-Y27N- NIYPNIIA	2794	2449
>PTEN-Y27N- YIYPNIIAM	172	>PTEN-Y27N- NIYPNIIAM	1244	1072
>PTEN-Y27N- YIYPNIIA	25	>PTEN-Y27N- NIYPNIIA	363	338
>PTEN-Y27N- YIYPNIIAM	29	>PTEN-Y27N- NIYPNIIAM	652	623
>PTEN-Y27N- YIYPNIIAMGF	464	>PTEN-Y27N- NIYPNIIAMGF	5168	4704
>PTEN-Y27N- YIYPNIIA	21	>PTEN-Y27N- NIYPNIIA	547	526
>PTEN-Y27N- YIYPNIIAM	8	>PTEN-Y27N- NIYPNIIAM	99	91
>PTEN-Y27N- YIYPNIIAMGF	31	>PTEN-Y27N- NIYPNIIAMGF	461	430
>PTEN-Y27N- YIYPNIIA	17	>PTEN-Y27N- NIYPNIIA	985	968
>PTEN-Y27N- YIYPNIIAM	4	>PTEN-Y27N- NIYPNIIAM	105	101

>PTEN-Y27N·YIYPNIIAMG	49	>PTEN-Y27N·NIYPNIIAMG	3122	3073
>PTEN-Y27N·YIYPNIIAMGF	73	>PTEN-Y27N·NIYPNIIAMG	3248	3175
>PTEN-Y27N·YIYPNIIA	129	>PTEN-Y27N·NIYPNIIA	3452	3323
>PTEN-Y27N·YIYPNIIAM	21	>PTEN-Y27N·NIYPNIIAM	867	846
>PTEN-Y27N·YIYPNIIA	53	>PTEN-Y27N·NIYPNIIA	4899	4846
>PTEN-Y27N·YIYPNIIAM	72	>PTEN-Y27N·NIYPNIIAM	6348	6276
>PTEN-Y27N·YIYPNIIAM	117	>PTEN-Y27N·NIYPNIIAM	2496	2379
>PTEN-Y27N·YIYPNIIA	11	>PTEN-Y27N·NIYPNIIA	1176	1165
>PTEN-Y27N·YIYPNIIAM	6	>PTEN-Y27N·NIYPNIIAM	1723	1717
>PTEN-Y27N·YIYPNIIAMGF	338	>PTEN-Y27N·NIYPNIIAMG	13009	12671
>PTEN-Y27N·YIYPNIIAMGF	133	>PTEN-Y27N·NIYPNIIAMG	1603	1470
>PTEN-Y27N·YIYPNIIAM	108	>PTEN-Y27N·NIYPNIIAM	546	438
>PTEN-Y27N·YIYPNIIAMGF	214	>PTEN-Y27N·NIYPNIIAMG	912	698
>PTEN-Y27N·YIYPNIIAM	26	>PTEN-Y27N·NIYPNIIAM	135	109
>PTEN-Y27N·YIYPNIIAMGF	417	>PTEN-Y27N·NIYPNIIAMG	1615	1198
>PTEN-Y27N·YIYPNIIAMGF	92	>PTEN-Y27N·NIYPNIIAMG	1452	1360
>PTEN-Y27N·YIYPNIIAMGF	311	>PTEN-Y27N·NIYPNIIAMG	894	583
>PTEN-Y27N·YIYPNIIAM	40	>PTEN-Y27N·NIYPNIIAM	60	20
>PTEN-Y27N·YIYPNIIAM	69	>PTEN-Y27N·NIYPNIIAM	656	587
>PTEN-Y27N·YIYPNIIAMGF	63	>PTEN-Y27N·NIYPNIIAMG	501	438
>PTEN-Y27N·YIYPNIIAM	187	>PTEN-Y27N·NIYPNIIAM	778	591
>PTEN-Y27N·YIYPNIIAMGF	93	>PTEN-Y27N·NIYPNIIAMG	334	241
>PTEN-Y27N·YIYPNIIAM	35	>PTEN-Y27N·NIYPNIIAM	1038	1003
>PTEN-Y27N·YIYPNIIAMGF	16	>PTEN-Y27N·NIYPNIIAMG	257	241
>PTEN-Y27N·YIYPNIIAM	51	>PTEN-Y27N·NIYPNIIAM	2885	2834
>PTEN-Y27N·YIYPNIIAMGF	8	>PTEN-Y27N·NIYPNIIAMG	164	156
>PTEN-Y27N·YIYPNIIAM	22	>PTEN-Y27N·NIYPNIIAM	76	54
>PTEN-Y27N·YIYPNIIAMGF	173	>PTEN-Y27N·NIYPNIIAMG	819	646
>PTEN-Y27N·YIYPNIIAM	197	>PTEN-Y27N·NIYPNIIAM	589	392
>PTEN-Y27N·TYIYPNII	422	>PTEN-Y27N·TNIYPNII	29557	29135
>PTEN-Y27N·TYIYPNII	64	>PTEN-Y27N·TNIYPNII	14362	14298
>PTEN-Y27N·TYIYPNII	128	>PTEN-Y27N·TNIYPNII	15102	14974
>PTEN-Y27N·TYIYPNII	64	>PTEN-Y27N·TNIYPNII	25530	25466
>PTEN-Y27N·TYIYPNIIAM	317	>PTEN-Y27N·TNIYPNIIAM	25991	25674
>PTEN-Y27N·TYIYPNIIAM	36	>PTEN-Y27N·TNIYPNIIAM	363	327
>PTEN-Y27N·QEDGFDLDT	44	>PTEN-Y27N·QEDGFDLDT	5067	5023
>PTEN-Y27N·QEDGFDLDT	114	>PTEN-Y27N·QEDGFDLDT	4194	4080
>PTEN-Y27N·LTYIYPNI	4	>PTEN-Y27N·LTNIYPNI	1044	1040
>PTEN-Y27N·LTYIYPNII	234	>PTEN-Y27N·LTNIYPNII	6423	6189
>PTEN-Y27N·LTYIYPNIIAM	69	>PTEN-Y27N·LTNIYPNIIAM	2313	2244
>PTEN-Y27N·LTYIYPNII	435	>PTEN-Y27N·LTNIYPNII	2317	1882
>PTEN-Y27N·LTYIYPNI	309	>PTEN-Y27N·LTNIYPNI	1065	756
>PTEN-Y27N·LTYIYPNII	431	>PTEN-Y27N·LTNIYPNII	1180	749

>PTEN-Y27N-LTYIYPNIIA	368	>PTEN-Y27N-LTNIYPNIIA	2696	2328
>PTEN-Y27N-LTYIYPNI	86	>PTEN-Y27N-LTNIYPNI	1151	1065
>PTEN-Y27N-LTYIYPNIIAM	239	>PTEN-Y27N-LTNIYPNIIAM	1770	1531
>PTEN-Y27N-LTYIYPNIIAM	320	>PTEN-Y27N-LTNIYPNIIAM	1728	1408
>PTEN-Y27N-LTYIYPNIIA	118	>PTEN-Y27N-LTNIYPNIIA	721	603
>PTEN-Y27N-LTYIYPNI	65	>PTEN-Y27N-LTNIYPNI	415	350
>PTEN-Y27N-LTYIYPNIIAM	326	>PTEN-Y27N-LTNIYPNIIAM	1916	1590
>PTEN-Y27N-LTYIYPNIIAM	368	>PTEN-Y27N-LTNIYPNIIAM	835	467
>PTEN-Y27N-LTYIYPNIIAM	98	>PTEN-Y27N-LTNIYPNIIAM	765	667
>PTEN-Y27N-LTYIYPNI	13	>PTEN-Y27N-LTNIYPNI	116	103
>PTEN-Y27N-LTYIYPNII	33	>PTEN-Y27N-LTNIYPNII	974	941
>PTEN-Y27N-LTYIYPNIIAM	5	>PTEN-Y27N-LTNIYPNIIAM	19	14
>PTEN-Y27N-LTYIYPNIIAM	134	>PTEN-Y27N-LTNIYPNIIAM	317	183
>PTEN-Y27N-LTYIYPNI	469	>PTEN-Y27N-LTNIYPNI	695	226
>PTEN-Y27N-LTYIYPNII	167	>PTEN-Y27N-LTNIYPNII	381	214
>PTEN-Y27N-LTYIYPNIIAM	111	>PTEN-Y27N-LTNIYPNIIAM	239	128
>PTEN-Y27N-LTYIYPNII	126	>PTEN-Y27N-LTNIYPNII	538	412
>PTEN-Y27N-LTYIYPNIIA	136	>PTEN-Y27N-LTNIYPNIIA	445	309
>PTEN-Y27N-LTYIYPNIIAM	74	>PTEN-Y27N-LTNIYPNIIAM	270	196
>PTEN-Y27N-LTYIYPNI	9	>PTEN-Y27N-LTNIYPNI	34	25
>PTEN-Y27N-LTYIYPNII	12	>PTEN-Y27N-LTNIYPNII	48	36
>PTEN-Y27N-LTYIYPNIIAM	147	>PTEN-Y27N-LTNIYPNIIAM	1732	1585
>PTEN-Y27N-DLTYIYPNI	1022	>PTEN-Y27N-DLTNIYPNI	134	888
>PTEN-Y27N-DLTYIYPNI	1506	>PTEN-Y27N-DLTNIYPNI	255	1251
>PTEN-Y27N-DLTYIYPNI	384	>PTEN-Y27N-DLTNIYPNI	244	140
>PTEN-Y27N-LDLTYIYPNI	87	>PTEN-Y27N-LDLTNIYPNI	285	198
>PTEN-Y27N-LDLTYIYPNII	90	>PTEN-Y27N-LDLTNIYPNII	202	112
>PTEN-Y27N-LDLTYIYPNI	482	>PTEN-Y27N-LDLTNIYPNI	521	39
>PTEN-Y27N-LDLTYIYPNII	52	>PTEN-Y27N-LDLTNIYPNII	100	48
>PTEN-Y27N-LDLTYIYPNI	72	>PTEN-Y27N-LDLTNIYPNI	89	17
>PTEN-Y27N-LDLTYIYPNII	27	>PTEN-Y27N-LDLTNIYPNII	35	8
>PTEN-Y27N-DLDLTYIY	101	>PTEN-Y27N-DLDLTNIY	79	22
>PTEN-Y27N-DLDLTYIYPNI	294	>PTEN-Y27N-DLDLTNIYPNI	327	33
>PTEN-Y27N-DLDLTYIYPNI	480	>PTEN-Y27N-DLDLTNIYPNI	342	138
>PTEN-Y27N-DLDLTYIYPNI	168	>PTEN-Y27N-DLDLTNIYPNI	193	25
>PTEN-Y27N-DLDLTYIY	217	>PTEN-Y27N-DLDLTNIY	748	531
>PTEN-Y27N-FDLDLTYI	142	>PTEN-Y27N-FDLDLTNI	1113	971
>PTEN-Y27N-FDLDLTYIY	21	>PTEN-Y27N-FDLDLTNIY	234	213
>PTEN-Y27N-FDLDLTYIY	147	>PTEN-Y27N-FDLDLTNIY	1879	1732
>PTEN-Y27N-FDLDLTYIY	123	>PTEN-Y27N-FDLDLTNIY	285	162
>PTEN-Y27N-FDLDLTYIY	1110	>PTEN-Y27N-FDLDLTNIY	378	732
>PTEN-Y27N-FDLDLTYI	22	>PTEN-Y27N-FDLDLTNI	28	6
>PTEN-Y27N-FDLDLTYI	53	>PTEN-Y27N-FDLDLTNI	58	5

>PTEN-Y27N-GFDLDTY	62	>PTEN-Y27N-GFDLDTN	16398	16336
>PTEN-Y27N-GFDLDTYIY	64	>PTEN-Y27N-GFDLDTNIY	406	342
>PTEN-Y27N-GFDLDTYIY	369	>PTEN-Y27N-GFDLDTNIY	1254	885
>PTEN-Y27N-GFDLDTY	126	>PTEN-Y27N-GFDLDTN	30803	30677
>PTEN-Y27N-DGFDLDTY	122	>PTEN-Y27N-DGFDLDTN	19279	19157
>PTEN-Y27N-DGFDLDTYIY	160	>PTEN-Y27N-DGFDLDTNIY	888	728
>PTEN-Y27N-DGFDLDTYIY	458	>PTEN-Y27N-DGFDLDTNIY	780	322
>PTEN-Y27N-DGFDLDTY	300	>PTEN-Y27N-DGFDLDTN	13273	12973
>PTEN-Y27N-DGFDLDTYIY	299	>PTEN-Y27N-DGFDLDTNIY	1426	1127
>PTEN-Y27N-DGFDLDTY	37	>PTEN-Y27N-DGFDLDTN	10046	10009
>PTEN-Y27N-DGFDLDTYIY	76	>PTEN-Y27N-DGFDLDTNIY	129	53
>PTEN-Y27S-YIYPNIIAM	226	>PTEN-Y27S-SIYPNIIAM	918	692
>PTEN-Y27S-YIYPNIIAM	163	>PTEN-Y27S-SIYPNIIAM	68	95
>PTEN-Y27S-YIYPNIIAMGF	561	>PTEN-Y27S-SIYPNIIAMGF	238	323
>PTEN-Y27S-YIYPNIIA	75	>PTEN-Y27S-SIYPNIIA	858	783
>PTEN-Y27S-YIYPNIIAM	35	>PTEN-Y27S-SIYPNIIAM	344	309
>PTEN-Y27S-YIYPNIIA	345	>PTEN-Y27S-SIYPNIIA	1725	1380
>PTEN-Y27S-YIYPNIIAM	172	>PTEN-Y27S-SIYPNIIAM	773	601
>PTEN-Y27S-YIYPNIIA	25	>PTEN-Y27S-SIYPNIIA	162	137
>PTEN-Y27S-YIYPNIIAM	29	>PTEN-Y27S-SIYPNIIAM	298	269
>PTEN-Y27S-YIYPNIIAMGF	464	>PTEN-Y27S-SIYPNIIAMGF	3217	2753
>PTEN-Y27S-YIYPNIIA	21	>PTEN-Y27S-SIYPNIIA	180	159
>PTEN-Y27S-YIYPNIIAM	8	>PTEN-Y27S-SIYPNIIAM	51	43
>PTEN-Y27S-YIYPNIIAMGF	31	>PTEN-Y27S-SIYPNIIAMGF	251	220
>PTEN-Y27S-YIYPNIIA	17	>PTEN-Y27S-SIYPNIIA	120	103
>PTEN-Y27S-YIYPNIIAM	4	>PTEN-Y27S-SIYPNIIAM	15	11
>PTEN-Y27S-YIYPNIIAMG	49	>PTEN-Y27S-SIYPNIIAMG	436	387
>PTEN-Y27S-YIYPNIIAMGF	73	>PTEN-Y27S-SIYPNIIAMGF	618	545
>PTEN-Y27S-YIYPNIIA	129	>PTEN-Y27S-SIYPNIIA	1728	1599
>PTEN-Y27S-YIYPNIIAM	21	>PTEN-Y27S-SIYPNIIAM	272	251
>PTEN-Y27S-YIYPNIIA	53	>PTEN-Y27S-SIYPNIIA	206	153
>PTEN-Y27S-YIYPNIIAM	72	>PTEN-Y27S-SIYPNIIAM	416	344
>PTEN-Y27S-YIYPNIIAM	117	>PTEN-Y27S-SIYPNIIAM	6620	6503
>PTEN-Y27S-YIYPNIIA	11	>PTEN-Y27S-SIYPNIIA	84	73
>PTEN-Y27S-YIYPNIIAM	6	>PTEN-Y27S-SIYPNIIAM	71	65
>PTEN-Y27S-YIYPNIIAMGF	338	>PTEN-Y27S-SIYPNIIAMGF	2663	2325
>PTEN-Y27S-YIYPNIIAMGF	133	>PTEN-Y27S-SIYPNIIAMGF	833	700
>PTEN-Y27S-YIYPNIIAM	108	>PTEN-Y27S-SIYPNIIAM	609	501
>PTEN-Y27S-YIYPNIIAMGF	214	>PTEN-Y27S-SIYPNIIAMGF	1016	802
>PTEN-Y27S-YIYPNIIAM	26	>PTEN-Y27S-SIYPNIIAM	52	26
>PTEN-Y27S-YIYPNIIAMGF	417	>PTEN-Y27S-SIYPNIIAMGF	798	381
>PTEN-Y27S-YIYPNIIAMGF	92	>PTEN-Y27S-SIYPNIIAMGF	600	508
>PTEN-Y27S-YIYPNIIAMGF	311	>PTEN-Y27S-SIYPNIIAMGF	86	225



>PTEN-Y27S- YIYPNIIAM	40	>PTEN-Y27S- SIYPNIIAM	162	122
>PTEN-Y27S- YIYPNIIAM	69	>PTEN-Y27S- SIYPNIIAM	183	114
>PTEN-Y27S- YIYPNIIAMGF	63	>PTEN-Y27S- SIYPNIIAMGF	143	80
>PTEN-Y27S- YIYPNIIAM	187	>PTEN-Y27S- SIYPNIIAM	721	534
>PTEN-Y27S- YIYPNIIAMGF	93	>PTEN-Y27S- SIYPNIIAMGF	304	211
>PTEN-Y27S- YIYPNIIAM	35	>PTEN-Y27S- SIYPNIIAM	323	288
>PTEN-Y27S- YIYPNIIAMGF	16	>PTEN-Y27S- SIYPNIIAMGF	88	72
>PTEN-Y27S- YIYPNIIAM	51	>PTEN-Y27S- SIYPNIIAM	164	113
>PTEN-Y27S- YIYPNIIAMGF	8	>PTEN-Y27S- SIYPNIIAMGF	14	6
>PTEN-Y27S- YIYPNIIAM	22	>PTEN-Y27S- SIYPNIIAM	151	129
>PTEN-Y27S- YIYPNIIAMGF	173	>PTEN-Y27S- SIYPNIIAMGF	1722	1549
>PTEN-Y27S- YIYPNIIAM	197	>PTEN-Y27S- SIYPNIIAM	1257	1060
>PTEN-Y27S- TYIYPNII	422	>PTEN-Y27S- TSIYPNII	30380	29958
>PTEN-Y27S- TYIYPNII	64	>PTEN-Y27S- TSIYPNII	10485	10421
>PTEN-Y27S- TYIYPNII	128	>PTEN-Y27S- TSIYPNII	8696	8568
>PTEN-Y27S- TYIYPNII	64	>PTEN-Y27S- TSIYPNII	23142	23078
>PTEN-Y27S- TYIYPNIIAM	317	>PTEN-Y27S- TSIYPNIIAM	24047	23730
>PTEN-Y27S- TYIYPNIIAM	36	>PTEN-Y27S- TSIYPNIIAM	9	27
>PTEN-Y27S- TYIYPNIIAM	1228	>PTEN-Y27S- TSIYPNIIAM	379	849
>PTEN-Y27S- TYIYPNII	2902	>PTEN-Y27S- TSIYPNII	68	2834
>PTEN-Y27S- TYIYPNIIA	5014	>PTEN-Y27S- TSIYPNIIA	128	4886
>PTEN-Y27S- TYIYPNIIAM	3502	>PTEN-Y27S- TSIYPNIIAM	282	3220
>PTEN-Y27S- TYIYPNIIAM	23940	>PTEN-Y27S- TSIYPNIIAM	36	23904
>PTEN-Y27S- TYIYPNII	16080	>PTEN-Y27S- TSIYPNII	124	15956
>PTEN-Y27S- TYIYPNIIAM	6670	>PTEN-Y27S- TSIYPNIIAM	49	6621
>PTEN-Y27S- TYIYPNII	9281	>PTEN-Y27S- TSIYPNII	72	9209
>PTEN-Y27S- QEDGFDLDLT	44	>PTEN-Y27S- QEDGFDLDLT	4147	4103
>PTEN-Y27S- QEDGFDLDLT	114	>PTEN-Y27S- QEDGFDLDLT	3601	3487
>PTEN-Y27S- LTYIYPNI	4	>PTEN-Y27S- LTSIYPNI	457	453
>PTEN-Y27S- LTYIYPNII	234	>PTEN-Y27S- LTSIYPNII	8328	8094
>PTEN-Y27S- LTYIYPNIIAM	69	>PTEN-Y27S- LTSIYPNIIAM	3500	3431
>PTEN-Y27S- LTYIYPNII	435	>PTEN-Y27S- LTSIYPNII	3314	2879
>PTEN-Y27S- LTYIYPNI	309	>PTEN-Y27S- LTSIYPNI	1316	1007
>PTEN-Y27S- LTYIYPNII	431	>PTEN-Y27S- LTSIYPNII	1473	1042
>PTEN-Y27S- LTYIYPNIIA	368	>PTEN-Y27S- LTSIYPNIIA	1126	758
>PTEN-Y27S- LTYIYPNI	86	>PTEN-Y27S- LTSIYPNI	2541	2455
>PTEN-Y27S- LTYIYPNIIAM	239	>PTEN-Y27S- LTSIYPNIIAM	3187	2948
>PTEN-Y27S- LTYIYPNIIAM	320	>PTEN-Y27S- LTSIYPNIIAM	2017	1697
>PTEN-Y27S- LTYIYPNIIA	118	>PTEN-Y27S- LTSIYPNIIA	254	136
>PTEN-Y27S- LTYIYPNI	65	>PTEN-Y27S- LTSIYPNI	737	672
>PTEN-Y27S- LTYIYPNIIAM	326	>PTEN-Y27S- LTSIYPNIIAM	2525	2199
>PTEN-Y27S- LTYIYPNIIAM	368	>PTEN-Y27S- LTSIYPNIIAM	942	574
>PTEN-Y27S- LTYIYPNIIAM	98	>PTEN-Y27S- LTSIYPNIIAM	738	640

>PTEN-Y27S- LTYIYPNI	13	>PTEN-Y27S- LTSIYPNI	78	65
>PTEN-Y27S- LTYIYPNII	33	>PTEN-Y27S- LTSIYPNII	609	576
>PTEN-Y27S- LTYIYPNIIAM	5	>PTEN-Y27S- LTSIYPNIIAM	14	9
>PTEN-Y27S- LTYIYPNIIAM	134	>PTEN-Y27S- LTSIYPNIIAM	213	79
>PTEN-Y27S- LTYIYPNI	469	>PTEN-Y27S- LTSIYPNI	1016	547
>PTEN-Y27S- LTYIYPNII	167	>PTEN-Y27S- LTSIYPNII	156	11
>PTEN-Y27S- LTYIYPNIIAM	111	>PTEN-Y27S- LTSIYPNIIAM	94	17
>PTEN-Y27S- LTYIYPNII	126	>PTEN-Y27S- LTSIYPNII	246	120
>PTEN-Y27S- LTYIYPNIIA	136	>PTEN-Y27S- LTSIYPNIIA	85	51
>PTEN-Y27S- LTYIYPNIIAM	74	>PTEN-Y27S- LTSIYPNIIAM	137	63
>PTEN-Y27S- LTYIYPNI	9	>PTEN-Y27S- LTSIYPNI	23	14
>PTEN-Y27S- LTYIYPNII	12	>PTEN-Y27S- LTSIYPNII	34	22
>PTEN-Y27S- LTYIYPNIIAM	147	>PTEN-Y27S- LTSIYPNIIAM	1013	866
>PTEN-Y27S- DLTYIYPNI	1022	>PTEN-Y27S- DLTSIYPNI	218	804
>PTEN-Y27S- DLTYIYPNI	1506	>PTEN-Y27S- DLTSIYPNI	258	1248
>PTEN-Y27S- DLTYIYPNI	384	>PTEN-Y27S- DLTSIYPNI	153	231
>PTEN-Y27S- LDLYIYPNI	87	>PTEN-Y27S- LDLSIYPNI	216	129
>PTEN-Y27S- LDLYIYPNII	90	>PTEN-Y27S- LDLSIYPNII	152	62
>PTEN-Y27S- LDLYIYPNI	482	>PTEN-Y27S- LDLSIYPNI	416	66
>PTEN-Y27S- LDLYIYPNII	52	>PTEN-Y27S- LDLSIYPNII	96	44
>PTEN-Y27S- LDLYIYPNI	72	>PTEN-Y27S- LDLSIYPNI	69	3
>PTEN-Y27S- LDLYIYPNII	27	>PTEN-Y27S- LDLSIYPNII	30	3
>PTEN-Y27S- DLDLYIY	101	>PTEN-Y27S- DLDLSIY	139	38
>PTEN-Y27S- DLDLYIYPNI	294	>PTEN-Y27S- DLDLSIYPNI	209	85
>PTEN-Y27S- DLDLYIYPNI	480	>PTEN-Y27S- DLDLSIYPNI	220	260
>PTEN-Y27S- DLDLYIYPNI	168	>PTEN-Y27S- DLDLSIYPNI	152	16
>PTEN-Y27S- DLDLYIY	217	>PTEN-Y27S- DLDLSIY	640	423
>PTEN-Y27S- FDLDLTYI	142	>PTEN-Y27S- FDLDLTSI	315	173
>PTEN-Y27S- FDLDLTYIY	21	>PTEN-Y27S- FDLDLTSIY	179	158
>PTEN-Y27S- FDLDLTYIY	147	>PTEN-Y27S- FDLDLTSIY	1238	1091
>PTEN-Y27S- FDLDLTYIY	123	>PTEN-Y27S- FDLDLTSIY	199	76
>PTEN-Y27S- FDLDLTYI	510	>PTEN-Y27S- FDLDLTSI	234	276
>PTEN-Y27S- FDLDLTYIY	1110	>PTEN-Y27S- FDLDLTSIY	32	1078
>PTEN-Y27S- FDLDLTYI	22	>PTEN-Y27S- FDLDLTSI	27	5
>PTEN-Y27S- FDLDLTYI	53	>PTEN-Y27S- FDLDLTSI	62	9
>PTEN-Y27S- GFDDLTYIY	565	>PTEN-Y27S- GFDDLTSIY	472	93
>PTEN-Y27S- GFDDLTY	62	>PTEN-Y27S- GFDDLTS	15898	15836
>PTEN-Y27S- GFDDLTYIY	64	>PTEN-Y27S- GFDDLTSIY	234	170
>PTEN-Y27S- GFDDLTYIY	369	>PTEN-Y27S- GFDDLTSIY	622	253
>PTEN-Y27S- GFDDLTY	126	>PTEN-Y27S- GFDDLTS	31967	31841
>PTEN-Y27S- DGFDDLTY	122	>PTEN-Y27S- DGFDDLTS	19275	19153
>PTEN-Y27S- DGFDDLTYI\	160	>PTEN-Y27S- DGFDDLTSI\	736	576
>PTEN-Y27S- DGFDDLTYI\	458	>PTEN-Y27S- DGFDDLTSI\	762	304

>PTEN-Y27S- DGFDLDLTY	300	>PTEN-Y27S- DGFDLDLTS	12782	12482
>PTEN-Y27S- DGFDLDLTY\	299	>PTEN-Y27S- DGFDLDLTS\	1112	813
>PTEN-Y27S- DGFDLDLTY	37	>PTEN-Y27S- DGFDLDLTS	4918	4881
>PTEN-Y27S- DGFDLDLTY\	76	>PTEN-Y27S- DGFDLDLTS\	104	28
>PTEN-Y27S- DGFDLDLTY\	2353	>PTEN-Y27S- DGFDLDLTS\	213	2140
>PTEN-Y336F YFSPNFKV	149	>PTEN-Y336F FFSPNFKV	42	107
>PTEN-Y336F YFSPNFKV	826	>PTEN-Y336F FFSPNFKV	405	421
>PTEN-Y336F YFSPNFKV	274	>PTEN-Y336F FFSPNFKV	349	75
>PTEN-Y336F YFSPNFKV	347	>PTEN-Y336F FFSPNFKV	463	116
>PTEN-Y336F YFSPNFKV	18	>PTEN-Y336F FFSPNFKV	22	4
>PTEN-Y336F YFSPNFKV	183	>PTEN-Y336F FFSPNFKV	310	127
>PTEN-Y336F YFSPNFKVK	422	>PTEN-Y336F FFSPNFKVK	742	320
>PTEN-Y336F YFSPNFKVKL	14	>PTEN-Y336F FFSPNFKVKL	22	8
>PTEN-Y336F YFSPNFKVKL\	13	>PTEN-Y336F FFSPNFKVKL\	13	0
>PTEN-Y336F YFSPNFKVKL\	449	>PTEN-Y336F FFSPNFKVKL\	509	60
>PTEN-Y336F YFSPNFKVKL\	207	>PTEN-Y336F FFSPNFKVKL\	242	35
>PTEN-Y336F YFSPNFKVK	356	>PTEN-Y336F FFSPNFKVK	708	352
>PTEN-Y336F RYFSPNFKV	92	>PTEN-Y336F RFFSPNFKV	98	6
>PTEN-Y336F RYFSPNFK	143	>PTEN-Y336F RFFSPNFK	67	76
>PTEN-Y336F RYFSPNFKVK	1350	>PTEN-Y336F RFFSPNFKVK	155	1195
>PTEN-Y336F RYFSPNFK	41	>PTEN-Y336F RFFSPNFK	29	12
>PTEN-Y336F RYFSPNFKVK	5519	>PTEN-Y336F RFFSPNFKVK	478	5041
>PTEN-Y336F RYFSPNFKVK	196	>PTEN-Y336F RFFSPNFKVK	346	150
>PTEN-Y336F RYFSPNFKVK	412	>PTEN-Y336F RFFSPNFKVK	2330	1918
>PTEN-Y336F RYFSPNFK	208	>PTEN-Y336F RFFSPNFK	3367	3159
>PTEN-Y336F RYFSPNFKV	20	>PTEN-Y336F RFFSPNFKV	386	366
>PTEN-Y336F RYFSPNFKVK	104	>PTEN-Y336F RFFSPNFKVK	1336	1232
>PTEN-Y336F RYFSPNFKVK	5	>PTEN-Y336F RFFSPNFKVK	22	17
>PTEN-Y336F RYFSPNFK	5	>PTEN-Y336F RFFSPNFK	7	2
>PTEN-Y336F RYFSPNFKV	209	>PTEN-Y336F RFFSPNFKV	728	519
>PTEN-Y336F RYFSPNFKVK	9	>PTEN-Y336F RFFSPNFKVK	18	9
>PTEN-Y336F RYFSPNFKVK	448	>PTEN-Y336F RFFSPNFKVK	1435	987
>PTEN-Y336F RYFSPNFK	15	>PTEN-Y336F RFFSPNFK	14	1
>PTEN-Y336F RYFSPNFKV	206	>PTEN-Y336F RFFSPNFKV	188	18
>PTEN-Y336F RYFSPNFKVK	658	>PTEN-Y336F RFFSPNFKVK	246	412
>PTEN-Y336F RYFSPNFKVK	342	>PTEN-Y336F RFFSPNFKVK	282	60
>PTEN-Y336F RYFSPNFKV	238	>PTEN-Y336F RFFSPNFKV	679	441
>PTEN-Y336F RYFSPNFKVK	48	>PTEN-Y336F RFFSPNFKVK	143	95
>PTEN-Y336F RYFSPNFK	506	>PTEN-Y336F RFFSPNFK	463	43
>PTEN-Y336F RYFSPNFK	23	>PTEN-Y336F RFFSPNFK	48	25
>PTEN-Y336F RYFSPNFKVK	24	>PTEN-Y336F RFFSPNFKVK	47	23
>PTEN-Y336F RYFSPNFKV	223	>PTEN-Y336F RFFSPNFKV	418	195
>PTEN-Y336F RYFSPNFKVK	319	>PTEN-Y336F RFFSPNFKVK	524	205

>PTEN-Y336F RYFSPNFK	157	>PTEN-Y336F RFFSPNFK	191	34
>PTEN-Y336F RYFSPNFKV	242	>PTEN-Y336F RFFSPNFKV	279	37
>PTEN-Y336F RYFSPNFKVK	185	>PTEN-Y336F RFFSPNFKVK	221	36
>PTEN-Y336F NRYFSPNFK	331	>PTEN-Y336F NRFFSPNFK	153	178
>PTEN-Y336F NRYFSPNF	18	>PTEN-Y336F NRFFSPNF	15	3
>PTEN-Y336F NRYFSPNFKV	584	>PTEN-Y336F NRFFSPNFKV	377	207
>PTEN-Y336F NRYFSPNFKV	221	>PTEN-Y336F NRFFSPNFKV	211	10
>PTEN-Y336F NRYFSPNFK	120	>PTEN-Y336F NRFFSPNFK	232	112
>PTEN-Y336F NRYFSPNFKV	151	>PTEN-Y336F NRFFSPNFKV	303	152
>PTEN-Y336F ANRYFSPNF	389	>PTEN-Y336F ANRFFSPNF	653	264
>PTEN-Y336F ANRYFSPNF	450	>PTEN-Y336F ANRFFSPNF	371	79
>PTEN-Y336F ANRYFSPNFK	4	>PTEN-Y336F ANRFFSPNFK	4	0
>PTEN-Y336F ANRYFSPNFK	174	>PTEN-Y336F ANRFFSPNFK	149	25
>PTEN-Y336F ANRYFSPNFK	847	>PTEN-Y336F ANRFFSPNFK	399	448
>PTEN-Y336F ANRYFSPNF	13	>PTEN-Y336F ANRFFSPNF	31	18
>PTEN-Y336F KANRYFSPNF	46	>PTEN-Y336F KANRFFSPNF	44	2
>PTEN-Y336F KANRYFSPNF	12	>PTEN-Y336F KANRFFSPNF	10	2
>PTEN-Y336F KANRYFSPNF	4	>PTEN-Y336F KANRFFSPNF	4	0
>PTEN-Y336F KANRYFSPNF	17	>PTEN-Y336F KANRFFSPNF	17	0
>PTEN-Y336F KANRYFSPNF	416	>PTEN-Y336F KANRFFSPNF	142	274
>PTEN-Y336F KANRYFSPNF	469	>PTEN-Y336F KANRFFSPNF	250	219
>PTEN-Y336F KANRYFSPNF	279	>PTEN-Y336F KANRFFSPNF	452	173
>PTEN-Y336F KANRYFSPNF	11	>PTEN-Y336F KANRFFSPNF	13	2
>PTEN-Y336F KANRYFSPNF	29	>PTEN-Y336F KANRFFSPNF	35	6
>PTEN-Y336F KANRYFSPNF	373	>PTEN-Y336F KANRFFSPNF	150	223
>PTEN-Y336F KANRYFSPNF	21	>PTEN-Y336F KANRFFSPNF	19	2
>PTEN-Y336F DKANRYFSPN	39	>PTEN-Y336F DKANRFFSPN	49	10
>PTEN-Y336F KANKDKANR'	1769	>PTEN-Y336F KANKDKANR	345	1424
>PTEN-Y336F KANKDKANR'	101	>PTEN-Y336F KANKDKANR	151	50
>PTEN-Y336F KANKDKANR'	112	>PTEN-Y336F KANKDKANR	78	34
>PTEN-Y336F KANKDKANR'	103	>PTEN-Y336F KANKDKANR	190	87
>PTEN-Y336F KANKDKANR'	493	>PTEN-Y336F KANKDKANR	314	179
>PTEN-Y336F KANKDKANR'	99	>PTEN-Y336F KANKDKANR	124	25
>PTEN-Y336F KANKDKANR'	498	>PTEN-Y336F KANKDKANR	100	398
>PTEN-Y336F KANKDKANR'	80	>PTEN-Y336F KANKDKANR	183	103
>PTEN-Y65C- YKIYNLCA	112	>PTEN-Y65C- CKIYNLCA	885	773
>PTEN-Y65C- YKIYNLCAE	469	>PTEN-Y65C- CKIYNLCAE	2924	2455
>PTEN-Y65C- YKIYNLCAER	117	>PTEN-Y65C- CKIYNLCAER	684	567
>PTEN-Y65C- YKIYNLCAERI	301	>PTEN-Y65C- CKIYNLCAERI	2480	2179
>PTEN-Y65C- HYKIYNLCA	22	>PTEN-Y65C- HCKIYNLCA	286	264
>PTEN-Y65C- HYKIYNLCAEI	120	>PTEN-Y65C- HCKIYNLCAEI	1574	1454
>PTEN-Y65C- HYKIYNLCAEI	9	>PTEN-Y65C- HCKIYNLCAEI	69	60
>PTEN-Y65C- HYKIYNLCAEI	13	>PTEN-Y65C- HCKIYNLCAEI	128	115

>PTEN-Y65C- HYKIYNLCAEI	272	>PTEN-Y65C- HCKIYNLCAEI	1912	1640
>PTEN-Y65C- HYKIYNLCAEI	26	>PTEN-Y65C- HCKIYNLCAEI	146	120
>PTEN-Y65C- RFLDSKHKNF	91	>PTEN-Y65C- RFLDSKHKNF	21526	21435
>PTEN-Y65C- RFLDSKHKNF	227	>PTEN-Y65C- RFLDSKHKNF	25276	25049
>PTEN-Y65C- NHYKIYNL	145	>PTEN-Y65C- NHCKIYNL	1422	1277
>PTEN-Y65C- NHYKIYNL	67	>PTEN-Y65C- NHCKIYNL	172	105
>PTEN-Y65C- KNHYKIYNLC	497	>PTEN-Y65C- KNHCKIYNLC	591	94
>PTEN-Y65C- HKNHYKIY	7	>PTEN-Y65C- HKNHCKIY	12	5
>PTEN-Y65C- HKNHYKIYNL	68	>PTEN-Y65C- HKNHCKIYNL	101	33
>PTEN-Y65C- KHKNHYKIY	10	>PTEN-Y65C- KHKNHCKIY	28	18
>PTEN-Y65C- KHKNHYKIYN	206	>PTEN-Y65C- KHKNHCKIYN	314	108
>PTEN-Y65C- SKHKNHYK	78	>PTEN-Y65C- SKHKNHCK	583	505
>PTEN-Y65C- SKHKNHYKI	129	>PTEN-Y65C- SKHKNHCKI	174	45
>PTEN-Y65C- SKHKNHYKIY	6	>PTEN-Y65C- SKHKNHCKIY	10	4
>PTEN-Y65C- DSKHKNHY	383	>PTEN-Y65C- DSKHKNHC	32928	32545
>PTEN-Y65C- DSKHKNHYK	121	>PTEN-Y65C- DSKHKNHCK	1083	962
>PTEN-Y65C- DSKHKNHY	289	>PTEN-Y65C- DSKHKNHC	27972	27683
>PTEN-Y65C- DSKHKNHYK	342	>PTEN-Y65C- DSKHKNHCK	3584	3242
>PTEN-Y65C- DSKHKNHYK	155	>PTEN-Y65C- DSKHKNHCK	525	370
>PTEN-Y65C- DSKHKNHYK	77	>PTEN-Y65C- DSKHKNHCK	443	366
>PTEN-Y65C- LDSKHKNHYK	229	>PTEN-Y65C- LDSKHKNHCK	349	120
>PTEN-Y65C- FLDSKHKNHY	86	>PTEN-Y65C- FLDSKHKNHC	27504	27418
>PTEN-Y65C- FLDSKHKNHY	3801	>PTEN-Y65C- FLDSKHKNHC	109	3692
>PTEN-Y65C- FLDSKHKNHY	273	>PTEN-Y65C- FLDSKHKNHC	3764	3491
>PTEN-Y65C- FLDSKHKNHY	3735	>PTEN-Y65C- FLDSKHKNHC	88	3647
>PTEN-Y65C- FLDSKHKNHY	226	>PTEN-Y65C- FLDSKHKNHC	1155	929
>PTEN-Y65D- YKIYNLCA	112	>PTEN-Y65D- DKIYNLCA	4856	4744
>PTEN-Y65D- YKIYNLCAE	469	>PTEN-Y65D- DKIYNLCAE	11512	11043
>PTEN-Y65D- YKIYNLCAER	117	>PTEN-Y65D- DKIYNLCAER	3472	3355
>PTEN-Y65D- YKIYNLCAERI	301	>PTEN-Y65D- DKIYNLCAERI	7670	7369
>PTEN-Y65D- HYKIYNLCA	22	>PTEN-Y65D- HDKIYNLCA	7158	7136
>PTEN-Y65D- HYKIYNLCAEI	120	>PTEN-Y65D- HDKIYNLCAE	11646	11526
>PTEN-Y65D- HYKIYNLCAEI	9	>PTEN-Y65D- HDKIYNLCAE	1035	1026
>PTEN-Y65D- HYKIYNLCAEI	13	>PTEN-Y65D- HDKIYNLCAE	3647	3634
>PTEN-Y65D- HYKIYNLCAEI	272	>PTEN-Y65D- HDKIYNLCAE	2170	1898
>PTEN-Y65D- HYKIYNLCA	29021	>PTEN-Y65D- HDKIYNLCA	481	28540
>PTEN-Y65D- HYKIYNLCAEI	26	>PTEN-Y65D- HDKIYNLCAE	1583	1557
>PTEN-Y65D- RFLDSKHKNF	91	>PTEN-Y65D- RFLDSKHKNF	22870	22779
>PTEN-Y65D- RFLDSKHKNF	227	>PTEN-Y65D- RFLDSKHKNF	27866	27639
>PTEN-Y65D- NHYKIYNL	145	>PTEN-Y65D- NHDKIYNL	719	574
>PTEN-Y65D- NHYKIYNL	67	>PTEN-Y65D- NHDKIYNL	78	11
>PTEN-Y65D- KNHYKIYNLC	497	>PTEN-Y65D- KNHDKIYNLC	736	239
>PTEN-Y65D- HKNHYKIY	7	>PTEN-Y65D- HKNHDKIY	20	13

>PTEN-Y65D- HKNHYKIYNL	68	>PTEN-Y65D- HKNHDKIYNL	141	73
>PTEN-Y65D- KHKNHYKIY	10	>PTEN-Y65D- KHKNHDKIY	92	82
>PTEN-Y65D- KHKNHYKIYN	206	>PTEN-Y65D- KHKNHDKIYN	737	531
>PTEN-Y65D- SKHKNHYK	78	>PTEN-Y65D- SKHKNHDK	1752	1674
>PTEN-Y65D- SKHKNHYKI	129	>PTEN-Y65D- SKHKNHDKI	686	557
>PTEN-Y65D- SKHKNHYKIY	6	>PTEN-Y65D- SKHKNHDKIY	16	10
>PTEN-Y65D- DSKHKNHY	383	>PTEN-Y65D- DSKHKNHD	37717	37334
>PTEN-Y65D- DSKHKNHYK	121	>PTEN-Y65D- DSKHKNHDK	1715	1594
>PTEN-Y65D- DSKHKNHY	289	>PTEN-Y65D- DSKHKNHD	29514	29225
>PTEN-Y65D- DSKHKNHYK	342	>PTEN-Y65D- DSKHKNHDK	9679	9337
>PTEN-Y65D- DSKHKNHYK	155	>PTEN-Y65D- DSKHKNHDK	1423	1268
>PTEN-Y65D- DSKHKNHYK	77	>PTEN-Y65D- DSKHKNHDK	1129	1052
>PTEN-Y65D- LDSKHKNHYK	229	>PTEN-Y65D- LDSKHKNHDI	342	113
>PTEN-Y65D- FLDSKHKNHY	86	>PTEN-Y65D- FLDSKHKNHL	27385	27299
>PTEN-Y65D- FLDSKHKNHY	273	>PTEN-Y65D- FLDSKHKNHL	6141	5868
>PTEN-Y65D- FLDSKHKNHY	226	>PTEN-Y65D- FLDSKHKNHL	1070	844
>PTEN-Y65N- YKIYNLCA	112	>PTEN-Y65N- NKIYNLCA	1910	1798
>PTEN-Y65N- YKIYNLCAE	469	>PTEN-Y65N- NKIYNLCAE	4928	4459
>PTEN-Y65N- YKIYNLCAER	117	>PTEN-Y65N- NKIYNLCAER	1232	1115
>PTEN-Y65N- YKIYNLCAERI	301	>PTEN-Y65N- NKIYNLCAERI	4155	3854
>PTEN-Y65N- HYKIYNLCA	22	>PTEN-Y65N- HNKIYNLCA	928	906
>PTEN-Y65N- HYKIYNLCAEI	120	>PTEN-Y65N- HNKIYNLCAE	3538	3418
>PTEN-Y65N- HYKIYNLCAEI	9	>PTEN-Y65N- HNKIYNLCAE	87	78
>PTEN-Y65N- HYKIYNLCAEI	13	>PTEN-Y65N- HNKIYNLCAE	998	985
>PTEN-Y65N- HYKIYNLCAEI	272	>PTEN-Y65N- HNKIYNLCAE	501	229
>PTEN-Y65N- HYKIYNLCAEI	26	>PTEN-Y65N- HNKIYNLCAE	472	446
>PTEN-Y65N- RFLDSKHKNH	91	>PTEN-Y65N- RFLDSKHKNH	19073	18982
>PTEN-Y65N- RFLDSKHKNH	227	>PTEN-Y65N- RFLDSKHKNH	22206	21979
>PTEN-Y65N- NHYKIYNL	145	>PTEN-Y65N- NHNKIYNL	666	521
>PTEN-Y65N- NHYKIYNL	67	>PTEN-Y65N- NHNKIYNL	247	180
>PTEN-Y65N- KNHYKIYNLC	497	>PTEN-Y65N- KNHNKIYNLC	557	60
>PTEN-Y65N- HKNHYKIY	7	>PTEN-Y65N- HKNHNKIY	10	3
>PTEN-Y65N- HKNHYKIYNL	68	>PTEN-Y65N- HKNHNKIYNL	89	21
>PTEN-Y65N- KHKNHYKIY	10	>PTEN-Y65N- KHKNHNKIY	20	10
>PTEN-Y65N- KHKNHYKIYN	206	>PTEN-Y65N- KHKNHNKIYN	302	96
>PTEN-Y65N- SKHKNHYK	78	>PTEN-Y65N- SKHKNHNK	210	132
>PTEN-Y65N- SKHKNHYKI	129	>PTEN-Y65N- SKHKNHNKI	136	7
>PTEN-Y65N- SKHKNHYKIY	6	>PTEN-Y65N- SKHKNHNKIY	8	2
>PTEN-Y65N- DSKHKNHY	383	>PTEN-Y65N- DSKHKNHN	33451	33068
>PTEN-Y65N- DSKHKNHYK	121	>PTEN-Y65N- DSKHKNHNK	350	229
>PTEN-Y65N- DSKHKNHY	289	>PTEN-Y65N- DSKHKNHN	24589	24300
>PTEN-Y65N- DSKHKNHYK	342	>PTEN-Y65N- DSKHKNHNK	2311	1969
>PTEN-Y65N- DSKHKNHYK	155	>PTEN-Y65N- DSKHKNHNK	480	325

>PTEN-Y65N·DSKHKNHYK	77	>PTEN-Y65N·DSKHKNHMK	423	346
>PTEN-Y65N·LDSKHKNHYK	229	>PTEN-Y65N·LDSKHKNHNI	524	295
>PTEN-Y65N·FLDSKHKNHY	86	>PTEN-Y65N·FLDSKHKNHM	24176	24090
>PTEN-Y65N·FLDSKHKNHY	273	>PTEN-Y65N·FLDSKHKNHM	2346	2073
>PTEN-Y65N·FLDSKHKNHY	226	>PTEN-Y65N·FLDSKHKNHM	577	351
>PTEN-Y68C·YNLCAERHY	254	>PTEN-Y68C·CNLCAERHY	2209	1955
>PTEN-Y68C·IYNLCAERHY	43	>PTEN-Y68C·ICNLCAERHY	694	651
>PTEN-Y68C·IYNLCAERHY	212	>PTEN-Y68C·ICNLCAERHY	728	516
>PTEN-Y68C·IYNLCAER	36	>PTEN-Y68C·ICNLCAER	584	548
>PTEN-Y68C·IYNLCAER	62	>PTEN-Y68C·ICNLCAER	1113	1051
>PTEN-Y68C·IYNLCAER	55	>PTEN-Y68C·ICNLCAER	504	449
>PTEN-Y68C·KIYNLCAER	78	>PTEN-Y68C·KICNLCAER	2064	1986
>PTEN-Y68C·KIYNLCAERH'	107	>PTEN-Y68C·KICNLCAERH'	2449	2342
>PTEN-Y68C·KIYNLCAER	157	>PTEN-Y68C·KICNLCAER	668	511
>PTEN-Y68C·KIYNLCAERH'	233	>PTEN-Y68C·KICNLCAERH'	958	725
>PTEN-Y68C·KIYNLCAERH'	59	>PTEN-Y68C·KICNLCAERH'	94	35
>PTEN-Y68C·KIYNLCAER	10	>PTEN-Y68C·KICNLCAER	15	5
>PTEN-Y68C·KIYNLCAER	119	>PTEN-Y68C·KICNLCAER	437	318
>PTEN-Y68C·KIYNLCAERH'	233	>PTEN-Y68C·KICNLCAERH'	288	55
>PTEN-Y68C·KIYNLCAERH'	76	>PTEN-Y68C·KICNLCAERH'	161	85
>PTEN-Y68C·KIYNLCAERH'	226	>PTEN-Y68C·KICNLCAERH'	2385	2159
>PTEN-Y68C·KIYNLCAERH'	132	>PTEN-Y68C·KICNLCAERH'	2133	2001
>PTEN-Y68C·KIYNLCAERH'	453	>PTEN-Y68C·KICNLCAERH'	1581	1128
>PTEN-Y68C·KIYNLCAER	40	>PTEN-Y68C·KICNLCAER	84	44
>PTEN-Y68C·YKIYNLCA	112	>PTEN-Y68C·YKICNLCA	123	11
>PTEN-Y68C·YKIYNLCAE	469	>PTEN-Y68C·YKICNLCAE	483	14
>PTEN-Y68C·YKIYNLCAER	117	>PTEN-Y68C·YKICNLCAER	112	5
>PTEN-Y68C·YKIYNLCAERH'	301	>PTEN-Y68C·YKICNLCAERH'	298	3
>PTEN-Y68C·HYKIYNLCA	22	>PTEN-Y68C·HYKICNLCA	74	52
>PTEN-Y68C·HYKIYNLCAEI	120	>PTEN-Y68C·HYKICNLCAEI	292	172
>PTEN-Y68C·HYKIYNLCAEI	9	>PTEN-Y68C·HYKICNLCAEI	11	2
>PTEN-Y68C·HYKIYNLCAEI	13	>PTEN-Y68C·HYKICNLCAEI	15	2
>PTEN-Y68C·HYKIYNLCAEI	272	>PTEN-Y68C·HYKICNLCAEI	396	124
>PTEN-Y68C·HYKIYNLCAEI	26	>PTEN-Y68C·HYKICNLCAEI	20	6
>PTEN-Y68C·NHYKIYNL	145	>PTEN-Y68C·NHYKICNL	178	33
>PTEN-Y68C·NHYKIYNL	67	>PTEN-Y68C·NHYKICNL	299	232
>PTEN-Y68C·KNHYKIYNL	1185	>PTEN-Y68C·KNHYKICNL	483	702
>PTEN-Y68C·KNHYKIYNLC	497	>PTEN-Y68C·KNHYKICNLC	568	71
>PTEN-Y68C·HKNHYKIY	7	>PTEN-Y68C·HKNHYKIC	1481	1474
>PTEN-Y68C·HKNHYKIYNL	68	>PTEN-Y68C·HKNHYKICNL	77	9
>PTEN-Y68C·KHKNHYKIY	10	>PTEN-Y68C·KHKNHYKIC	4075	4065
>PTEN-Y68C·KHKNHYKIYN	206	>PTEN-Y68C·KHKNHYKICN	242	36
>PTEN-Y68C·SKHKNHYKIY	6	>PTEN-Y68C·SKHKNHYKIC	1259	1253

>PTEN-Y68H-YNLCAERHY	254	>PTEN-Y68H-HNLCAERHY	1415	1161
>PTEN-Y68H-IYNLCAERHY	43	>PTEN-Y68H-IHNLCAERHY	1407	1364
>PTEN-Y68H-IYNLCAERHY	212	>PTEN-Y68H-IHNLCAERHY	2797	2585
>PTEN-Y68H-IYNLCAER	36	>PTEN-Y68H-IHNLCAER	2095	2059
>PTEN-Y68H-IYNLCAER	62	>PTEN-Y68H-IHNLCAER	6490	6428
>PTEN-Y68H-IYNLCAER	55	>PTEN-Y68H-IHNLCAER	1041	986
>PTEN-Y68H-KIYNLCAER	78	>PTEN-Y68H-KIHNLCAER	774	696
>PTEN-Y68H-KIYNLCAERH'	107	>PTEN-Y68H-KIHNLCAERH'	1032	925
>PTEN-Y68H-KIYNLCAER	157	>PTEN-Y68H-KIHNLCAER	1384	1227
>PTEN-Y68H-KIYNLCAERH'	233	>PTEN-Y68H-KIHNLCAERH'	956	723
>PTEN-Y68H-KIYNLCAER	4052	>PTEN-Y68H-KIHNLCAER	353	3699
>PTEN-Y68H-KIYNLCAERH'	2807	>PTEN-Y68H-KIHNLCAERH'	226	2581
>PTEN-Y68H-KIYNLCAERH'	59	>PTEN-Y68H-KIHNLCAERH'	90	31
>PTEN-Y68H-KIYNLCAER	10	>PTEN-Y68H-KIHNLCAER	13	3
>PTEN-Y68H-KIYNLCAER	119	>PTEN-Y68H-KIHNLCAER	395	276
>PTEN-Y68H-KIYNLCAERH'	233	>PTEN-Y68H-KIHNLCAERH'	319	86
>PTEN-Y68H-KIYNLCAERH'	76	>PTEN-Y68H-KIHNLCAERH'	138	62
>PTEN-Y68H-KIYNLCAERH'	226	>PTEN-Y68H-KIHNLCAERH'	923	697
>PTEN-Y68H-KIYNLCAERH'	132	>PTEN-Y68H-KIHNLCAERH'	1714	1582
>PTEN-Y68H-KIYNLCAERH'	453	>PTEN-Y68H-KIHNLCAERH'	1684	1231
>PTEN-Y68H-KIYNLCAER	40	>PTEN-Y68H-KIHNLCAER	73	33
>PTEN-Y68H-YKIYNLCA	112	>PTEN-Y68H-YKIHNLCA	115	3
>PTEN-Y68H-YKIYNLCAE	469	>PTEN-Y68H-YKIHNLCAE	486	17
>PTEN-Y68H-YKIYNLCAER	117	>PTEN-Y68H-YKIHNLCAER	106	11
>PTEN-Y68H-YKIYNLCAERH'	301	>PTEN-Y68H-YKIHNLCAERH'	254	47
>PTEN-Y68H-HYKIYNLC	616	>PTEN-Y68H-HYKIHNL	460	156
>PTEN-Y68H-HYKIYNLCA	22	>PTEN-Y68H-HYKIHNLCA	21	1
>PTEN-Y68H-HYKIYNLCAEI	120	>PTEN-Y68H-HYKIHNLCAEI	111	9
>PTEN-Y68H-HYKIYNLCAEI	9	>PTEN-Y68H-HYKIHNLCAEI	9	0
>PTEN-Y68H-HYKIYNLCAEI	13	>PTEN-Y68H-HYKIHNLCAEI	17	4
>PTEN-Y68H-HYKIYNLCAEI	272	>PTEN-Y68H-HYKIHNLCAEI	469	197
>PTEN-Y68H-HYKIYNLCAEI	26	>PTEN-Y68H-HYKIHNLCAEI	28	2
>PTEN-Y68H-NHYKIYNL	145	>PTEN-Y68H-NHYKIHN	89	56
>PTEN-Y68H-NHYKIYNLC	568	>PTEN-Y68H-NHYKIHNLC	353	215
>PTEN-Y68H-NHYKIYNL	67	>PTEN-Y68H-NHYKIHN	52	15
>PTEN-Y68H-KNHYKIYNLC	497	>PTEN-Y68H-KNHYKIHNLC	443	54
>PTEN-Y68H-HKNHYKIY	7	>PTEN-Y68H-HKNHYKIH	315	308
>PTEN-Y68H-HKNHYKIYNL	68	>PTEN-Y68H-HKNHYKIHN	80	12
>PTEN-Y68H-HKNHYKIYNL	566	>PTEN-Y68H-HKNHYKIHN	496	70
>PTEN-Y68H-KHKNHYKIY	10	>PTEN-Y68H-KHKNHYKIH	896	886
>PTEN-Y68H-KHKNHYKIYN	206	>PTEN-Y68H-KHKNHYKIHN	282	76
>PTEN-Y68H-SKHKNHYKIY	6	>PTEN-Y68H-SKHKNHYKIH	243	237
>PTEN-Y88C-YPFEDHNPPC	43	>PTEN-Y88C-CPFEDHNPPC	228	185



>PTEN-Y88C- YPFEDHNPPC	145	>PTEN-Y88C- CPFEDHNPPC	3814	3669
>PTEN-Y88C- YPFEDHNPPC	145	>PTEN-Y88C- CPFEDHNPPC	2131	1986
>PTEN-Y88C- YPFEDHNPP	145	>PTEN-Y88C- CPFEDHNPP	1412	1267
>PTEN-Y88C- YPFEDHNPPC	43	>PTEN-Y88C- CPFEDHNPPC	263	220
>PTEN-Y88C- YPFEDHNPPC	22	>PTEN-Y88C- CPFEDHNPPC	463	441
>PTEN-Y88C- YPFEDHNPP	291	>PTEN-Y88C- CPFEDHNPP	376	85
>PTEN-Y88C- TAKFNCRVAC	362	>PTEN-Y88C- TAKFNCRVAC	20792	20430
>PTEN-Y88C- TAKFNCRVAC	97	>PTEN-Y88C- TAKFNCRVAC	15166	15069
>PTEN-Y88C- AQYPFEDH	105	>PTEN-Y88C- AQCPFEDH	1485	1380
>PTEN-Y88C- AQYPFEDHNI	263	>PTEN-Y88C- AQCPFEDHNI	2347	2084
>PTEN-Y88C- CRVAQYPF	32	>PTEN-Y88C- CRVAQCPF	50	18
>PTEN-Y88C- CRVAQYPF	283	>PTEN-Y88C- CRVAQCPF	1365	1082
>PTEN-Y88C- CRVAQYPF	214	>PTEN-Y88C- CRVAQCPF	422	208
>PTEN-Y88C- FNCRVAQY	418	>PTEN-Y88C- FNCRVAQC	25326	24908
>PTEN-Y88C- FNCRVAQYPI	544	>PTEN-Y88C- FNCRVAQCPI	304	240
>PTEN-Y88C- FNCRVAQYPI	119	>PTEN-Y88C- FNCRVAQCPI	141	22
>PTEN-Y88C- KFNCRVAQYI	235	>PTEN-Y88C- KFNCRVAQCI	1673	1438
>PTEN-Y88C- KFNCRVAQYI	412	>PTEN-Y88C- KFNCRVAQCI	1115	703
>PTEN-Y88C- KFNCRVAQYI	140	>PTEN-Y88C- KFNCRVAQCI	294	154
>PTEN-Y88C- KFNCRVAQY	167	>PTEN-Y88C- KFNCRVAQC	22734	22567
>PTEN-Y88C- KFNCRVAQY	377	>PTEN-Y88C- KFNCRVAQC	5204	4827
>PTEN-Y88C- KFNCRVAQYI	170	>PTEN-Y88C- KFNCRVAQCI	575	405
>PTEN-Y88C- KFNCRVAQYI	101	>PTEN-Y88C- KFNCRVAQCI	403	302
>PTEN-Y88C- KFNCRVAQYI	431	>PTEN-Y88C- KFNCRVAQCI	222	209
>PTEN-Y88C- KFNCRVAQYI	331	>PTEN-Y88C- KFNCRVAQCI	271	60
>PTEN-Y88C- KFNCRVAQY	131	>PTEN-Y88C- KFNCRVAQC	36160	36029
>PTEN-Y88C- AKFNCRVAQ'	381	>PTEN-Y88C- AKFNCRVAQ'	32364	31983
>PTEN-Y88C- AKFNCRVAQ'	197	>PTEN-Y88C- AKFNCRVAQ'	27483	27286
>PTEN-Y88C- AKFNCRVAQ'	3	>PTEN-Y88C- AKFNCRVAQ'	287	284
>PTEN-Y88C- AKFNCRVAQ'	114	>PTEN-Y88C- AKFNCRVAQ'	139	25
>PTEN-Y88H- YPFEDHNPPC	43	>PTEN-Y88H- HPFEDHNPPC	89	46
>PTEN-Y88H- YPFEDHNPPC	145	>PTEN-Y88H- HPFEDHNPPC	272	127
>PTEN-Y88H- YPFEDHNPPC	145	>PTEN-Y88H- HPFEDHNPPC	171	26
>PTEN-Y88H- YPFEDHNPP	145	>PTEN-Y88H- HPFEDHNPP	289	144
>PTEN-Y88H- YPFEDHNPPC	43	>PTEN-Y88H- HPFEDHNPPC	95	52
>PTEN-Y88H- YPFEDHNPPC	22	>PTEN-Y88H- HPFEDHNPPC	25	3
>PTEN-Y88H- YPFEDHNPP	291	>PTEN-Y88H- HPFEDHNPP	626	335
>PTEN-Y88H- TAKFNCRVAC	362	>PTEN-Y88H- TAKFNCRVAC	13979	13617
>PTEN-Y88H- TAKFNCRVAC	97	>PTEN-Y88H- TAKFNCRVAC	6803	6706
>PTEN-Y88H- AQYPFEDH	105	>PTEN-Y88H- AQHPFEDH	410	305
>PTEN-Y88H- AQYPFEDHNI	263	>PTEN-Y88H- AQHPFEDHN	953	690
>PTEN-Y88H- CRVAQYPF	32	>PTEN-Y88H- CRVAQHPF	47	15
>PTEN-Y88H- CRVAQYPF	283	>PTEN-Y88H- CRVAQHPF	445	162

>PTEN-Y88H-CRVAQYPF	214	>PTEN-Y88H-CRVAQHPF	132	82
>PTEN-Y88H-FNCRVAQY	418	>PTEN-Y88H-FNCRVAQH	16064	15646
>PTEN-Y88H-FNCRVAQYPI	119	>PTEN-Y88H-FNCRVAQHP	153	34
>PTEN-Y88H-KFNCRVAQYI	235	>PTEN-Y88H-KFNCRVAQH	231	4
>PTEN-Y88H-KFNCRVAQYI	412	>PTEN-Y88H-KFNCRVAQH	489	77
>PTEN-Y88H-KFNCRVAQYI	140	>PTEN-Y88H-KFNCRVAQH	131	9
>PTEN-Y88H-KFNCRVAQY	167	>PTEN-Y88H-KFNCRVAQH	11446	11279
>PTEN-Y88H-KFNCRVAQY	377	>PTEN-Y88H-KFNCRVAQH	139	238
>PTEN-Y88H-KFNCRVAQYI	170	>PTEN-Y88H-KFNCRVAQH	329	159
>PTEN-Y88H-KFNCRVAQYI	101	>PTEN-Y88H-KFNCRVAQH	310	209
>PTEN-Y88H-KFNCRVAQYI	431	>PTEN-Y88H-KFNCRVAQH	499	68
>PTEN-Y88H-KFNCRVAQYI	331	>PTEN-Y88H-KFNCRVAQH	367	36
>PTEN-Y88H-KFNCRVAQY	131	>PTEN-Y88H-KFNCRVAQH	12770	12639
>PTEN-Y88H-AKFNCRVAQI	381	>PTEN-Y88H-AKFNCRVAQI	25063	24682
>PTEN-Y88H-AKFNCRVAQI	197	>PTEN-Y88H-AKFNCRVAQI	16460	16263
>PTEN-Y88H-AKFNCRVAQI	3	>PTEN-Y88H-AKFNCRVAQI	44	41
>PTEN-Y88H-AKFNCRVAQI	114	>PTEN-Y88H-AKFNCRVAQI	134	20
>PTEN-Y88N-YPFEDHNPPC	43	>PTEN-Y88N-NPFEDHNPPC	180	137
>PTEN-Y88N-YPFEDHNPPC	145	>PTEN-Y88N-NPFEDHNPPC	239	94
>PTEN-Y88N-YPFEDHNPPC	145	>PTEN-Y88N-NPFEDHNPPC	799	654
>PTEN-Y88N-YPFEDHNPP	145	>PTEN-Y88N-NPFEDHNPP	1102	957
>PTEN-Y88N-YPFEDHNPPC	43	>PTEN-Y88N-NPFEDHNPPC	282	239
>PTEN-Y88N-YPFEDHNPPC	22	>PTEN-Y88N-NPFEDHNPPC	50	28
>PTEN-Y88N-YPFEDHNPP	291	>PTEN-Y88N-NPFEDHNPP	1562	1271
>PTEN-Y88N-TAKFNCRVAC	362	>PTEN-Y88N-TAKFNCRVAC	21325	20963
>PTEN-Y88N-TAKFNCRVAC	97	>PTEN-Y88N-TAKFNCRVAC	15449	15352
>PTEN-Y88N-AQYPFEDH	105	>PTEN-Y88N-AQNPFEDH	737	632
>PTEN-Y88N-AQYPFEDHNI	263	>PTEN-Y88N-AQNPFEDHN	1465	1202
>PTEN-Y88N-CRVAQYPF	32	>PTEN-Y88N-CRVAQNPF	42	10
>PTEN-Y88N-CRVAQYPF	283	>PTEN-Y88N-CRVAQNPF	1004	721
>PTEN-Y88N-CRVAQYPF	214	>PTEN-Y88N-CRVAQNPF	223	9
>PTEN-Y88N-FNCRVAQY	418	>PTEN-Y88N-FNCRVAQN	23950	23532
>PTEN-Y88N-FNCRVAQYPI	119	>PTEN-Y88N-FNCRVAQNP	119	0
>PTEN-Y88N-KFNCRVAQYI	235	>PTEN-Y88N-KFNCRVAQN	924	689
>PTEN-Y88N-KFNCRVAQYI	412	>PTEN-Y88N-KFNCRVAQN	760	348
>PTEN-Y88N-KFNCRVAQYI	140	>PTEN-Y88N-KFNCRVAQN	203	63
>PTEN-Y88N-KFNCRVAQY	167	>PTEN-Y88N-KFNCRVAQN	20979	20812
>PTEN-Y88N-KFNCRVAQY	377	>PTEN-Y88N-KFNCRVAQN	2426	2049
>PTEN-Y88N-KFNCRVAQYI	170	>PTEN-Y88N-KFNCRVAQN	862	692
>PTEN-Y88N-KFNCRVAQYI	101	>PTEN-Y88N-KFNCRVAQN	388	287
>PTEN-Y88N-KFNCRVAQYI	431	>PTEN-Y88N-KFNCRVAQN	509	78
>PTEN-Y88N-KFNCRVAQYI	331	>PTEN-Y88N-KFNCRVAQN	273	58
>PTEN-Y88N-KFNCRVAQY	131	>PTEN-Y88N-KFNCRVAQN	30942	30811

>PTEN-Y88N-AKFNCRVAQ'	381	>PTEN-Y88N-AKFNCRVAQ'	32994	32613
>PTEN-Y88N-AKFNCRVAQ'	197	>PTEN-Y88N-AKFNCRVAQ'	23950	23753
>PTEN-Y88N-AKFNCRVAQ'	3	>PTEN-Y88N-AKFNCRVAQ'	562	559
>PTEN-Y88N-AKFNCRVAQ'	114	>PTEN-Y88N-AKFNCRVAQ'	121	7
>PTEN-Y88S-YPFEDHNPPC	43	>PTEN-Y88S-YPFEDHNPPC	34	9
>PTEN-Y88S-YPFEDHNPPC	145	>PTEN-Y88S-YPFEDHNPPC	435	290
>PTEN-Y88S-YPFEDHNPPC	145	>PTEN-Y88S-YPFEDHNPPC	345	200
>PTEN-Y88S-YPFEDHNPP	145	>PTEN-Y88S-YPFEDHNPP	2333	2188
>PTEN-Y88S-YPFEDHNPPC	43	>PTEN-Y88S-YPFEDHNPPC	502	459
>PTEN-Y88S-YPFEDHNPPC	22	>PTEN-Y88S-YPFEDHNPPC	96	74
>PTEN-Y88S-YPFEDHNPP	291	>PTEN-Y88S-YPFEDHNPP	2039	1748
>PTEN-Y88S-TAKFNCRVAC	362	>PTEN-Y88S-TAKFNCRVAC	20121	19759
>PTEN-Y88S-TAKFNCRVAC	97	>PTEN-Y88S-TAKFNCRVAC	14133	14036
>PTEN-Y88S-AQYPFEDH	105	>PTEN-Y88S-AQYPFEDH	710	605
>PTEN-Y88S-AQYPFEDHNI	263	>PTEN-Y88S-AQYPFEDHNI	1397	1134
>PTEN-Y88S-CRVAQYPF	32	>PTEN-Y88S-CRVAQYPF	23	9
>PTEN-Y88S-CRVAQYPF	283	>PTEN-Y88S-CRVAQYPF	586	303
>PTEN-Y88S-CRVAQYPF	214	>PTEN-Y88S-CRVAQYPF	173	41
>PTEN-Y88S-NCRVAQYPF	697	>PTEN-Y88S-NCRVAQYPF	238	459
>PTEN-Y88S-FNCRVAQY	418	>PTEN-Y88S-FNCRVAQY	24099	23681
>PTEN-Y88S-FNCRVAQYPF	544	>PTEN-Y88S-FNCRVAQYPF	264	280
>PTEN-Y88S-FNCRVAQYPF	119	>PTEN-Y88S-FNCRVAQYPF	57	62
>PTEN-Y88S-KFNCRVAQYF	235	>PTEN-Y88S-KFNCRVAQYF	851	616
>PTEN-Y88S-KFNCRVAQYF	412	>PTEN-Y88S-KFNCRVAQYF	726	314
>PTEN-Y88S-KFNCRVAQYF	140	>PTEN-Y88S-KFNCRVAQYF	272	132
>PTEN-Y88S-KFNCRVAQY	167	>PTEN-Y88S-KFNCRVAQY	20774	20607
>PTEN-Y88S-KFNCRVAQY	377	>PTEN-Y88S-KFNCRVAQY	1875	1498
>PTEN-Y88S-KFNCRVAQYF	170	>PTEN-Y88S-KFNCRVAQYF	604	434
>PTEN-Y88S-KFNCRVAQYF	101	>PTEN-Y88S-KFNCRVAQYF	686	585
>PTEN-Y88S-KFNCRVAQYF	431	>PTEN-Y88S-KFNCRVAQYF	261	170
>PTEN-Y88S-KFNCRVAQYF	331	>PTEN-Y88S-KFNCRVAQYF	206	125
>PTEN-Y88S-KFNCRVAQY	131	>PTEN-Y88S-KFNCRVAQY	32277	32146
>PTEN-Y88S-AKFNCRVAQ'	381	>PTEN-Y88S-AKFNCRVAQ'	31883	31502
>PTEN-Y88S-AKFNCRVAQ'	197	>PTEN-Y88S-AKFNCRVAQ'	22412	22215
>PTEN-Y88S-AKFNCRVAQ'	3	>PTEN-Y88S-AKFNCRVAQ'	257	254
>PTEN-Y88S-AKFNCRVAQ'	114	>PTEN-Y88S-AKFNCRVAQ'	64	50
>PTPN11-A7:ATLAELVQYY	167	>PTPN11-A7:ATLAELVQYY	248	81
>PTPN11-A7:ATLAELVQYY	442	>PTPN11-A7:ATLAELVQYY	16103	15661
>PTPN11-A7:ATLAELVQYY	285	>PTPN11-A7:ATLAELVQYY	11290	11005
>PTPN11-A7:ATLAELVQYY	247	>PTPN11-A7:ATLAELVQYY	7148	6901
>PTPN11-A7:ATLAELVQYY	371	>PTPN11-A7:ATLAELVQYY	5849	5478
>PTPN11-A7:ATLAELVQY	112	>PTPN11-A7:ATLAELVQY	12106	11994
>PTPN11-A7:ATLAELVQYY	73	>PTPN11-A7:ATLAELVQYY	1576	1503

>PTPN11-A7:ATLAELVQY	2821	>PTPN11-A7:DTLAELVQY	251	2570
>PTPN11-A7:ATLAELVQYY	2985	>PTPN11-A7:DTLAELVQYY	325	2660
>PTPN11-A7:ATLAELVQY	8380	>PTPN11-A7:DTLAELVQY	285	8095
>PTPN11-A7:ATLAELVQYY	152	>PTPN11-A7:DTLAELVQYY	51	101
>PTPN11-A7:ATLAELVQY	8	>PTPN11-A7:DTLAELVQY	5	3
>PTPN11-A7:ATLAELVQYY	8	>PTPN11-A7:DTLAELVQYY	5	3
>PTPN11-A7:ATLAELVQYY	28	>PTPN11-A7:DTLAELVQYY	13	15
>PTPN11-A7:ATLAELVQY	2379	>PTPN11-A7:DTLAELVQY	166	2213
>PTPN11-A7:ATLAELVQYY	778	>PTPN11-A7:DTLAELVQYY	56	722
>PTPN11-A7:ATLAELVQYY	3644	>PTPN11-A7:DTLAELVQYY	351	3293
>PTPN11-A7:ATLAELVQY	70	>PTPN11-A7:DTLAELVQY	246	176
>PTPN11-A7:ATLAELVQYY	196	>PTPN11-A7:DTLAELVQYY	358	162
>PTPN11-A7:ATLAELVQYY	72	>PTPN11-A7:DTLAELVQYY	232	160
>PTPN11-A7:ATLAELVQY	342	>PTPN11-A7:DTLAELVQY	6031	5689
>PTPN11-A7:ATLAELVQYY	1544	>PTPN11-A7:DTLAELVQYY	460	1084
>PTPN11-A7:ATLAELVQYY	363	>PTPN11-A7:DTLAELVQYY	22	341
>PTPN11-A7:ATLAELVQY	256	>PTPN11-A7:DTLAELVQY	3606	3350
>PTPN11-A7:ATLAELVQYY	70	>PTPN11-A7:DTLAELVQYY	1366	1296
>PTPN11-A7:ATLAELVQYY	290	>PTPN11-A7:DTLAELVQYY	4274	3984
>PTPN11-A7:ATLAELVQY	5	>PTPN11-A7:DTLAELVQY	71	66
>PTPN11-A7:ATLAELVQYY	5	>PTPN11-A7:DTLAELVQYY	91	86
>PTPN11-A7:ATLAELVQYY	23	>PTPN11-A7:DTLAELVQYY	1510	1487
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>PTPN11-A7:ATLAELVQYY	302	>PTPN11-A7:DTLAELVQYY	5299	4997
>PTPN11-A7:ATLAELVQYY	379	>PTPN11-A7:DTLAELVQYY	6239	5860
>PTPN11-A7:ATLAELVQY	166	>PTPN11-A7:DTLAELVQY	2743	2577
>PTPN11-A7:ATLAELVQYY	136	>PTPN11-A7:DTLAELVQYY	817	681
>PTPN11-A7:ATLAELVQYY	137	>PTPN11-A7:DTLAELVQYY	2210	2073
>PTPN11-A7:FATLAELV	4821	>PTPN11-A7:FDTLAELV	52	4769
>PTPN11-A7:FATLAELVQY	360	>PTPN11-A7:FDTLAELVQY	6526	6166
>PTPN11-A7:FATLAELV	189	>PTPN11-A7:FDTLAELV	3737	3548
>PTPN11-A7:FATLAELV	38	>PTPN11-A7:FDTLAELV	4155	4117
>PTPN11-A7:FATLAELV	97	>PTPN11-A7:FDTLAELV	14195	14098
>PTPN11-A7:FATLAELVQY	99	>PTPN11-A7:FDTLAELVQY	583	484
>PTPN11-A7:FATLAELV	99	>PTPN11-A7:FDTLAELV	4740	4641
>PTPN11-A7:FATLAELVQY	41	>PTPN11-A7:FDTLAELVQY	17849	17808
>PTPN11-A7:FATLAELVQY	41	>PTPN11-A7:FDTLAELVQY	19931	19890
>PTPN11-A7:FATLAELVQY	27	>PTPN11-A7:FDTLAELVQY	1682	1655
>PTPN11-A7:FATLAELVQY	310	>PTPN11-A7:FDTLAELVQY	9476	9166
>PTPN11-A7:FATLAELVQY	221	>PTPN11-A7:FDTLAELVQY	19619	19398
>PTPN11-A7:FATLAELVQY	104	>PTPN11-A7:FDTLAELVQY	778	674
>PTPN11-A7:FATLAELV	3765	>PTPN11-A7:FDTLAELV	86	3679
>PTPN11-A7:FATLAELV	17503	>PTPN11-A7:FDTLAELV	29	17474

>PTPN11-A7:KFATLAEL	82	>PTPN11-A7:KFDTLAEL	1134	1052
>PTPN11-A7:KFATLAELV	64	>PTPN11-A7:KFDTLAELV	918	854
>PTPN11-A7:KFATLAEL	221	>PTPN11-A7:KFDTLAEL	1560	1339
>PTPN11-A7:KFATLAELVQ	27	>PTPN11-A7:KFDTLAELVQ	190	163
>PTPN11-A7:KFATLAELVQ	319	>PTPN11-A7:KFDTLAELVQ	1088	769
>PTPN11-A7:KFATLAELVQ	117	>PTPN11-A7:KFDTLAELVQ	276	159
>PTPN11-A7:KFATLAELVQ	144	>PTPN11-A7:KFDTLAELVQ	111	33
>PTPN11-A7:KFATLAEL	210	>PTPN11-A7:KFDTLAEL	507	297
>PTPN11-A7:KFATLAELV	149	>PTPN11-A7:KFDTLAELV	392	243
>PTPN11-A7:EKFATLAEL	36	>PTPN11-A7:EKFDTLAEL	76	40
>PTPN11-A7:EKFATLAELV	324	>PTPN11-A7:EKFDTLAELV	645	321
>PTPN11-A7:EKFATLAEL	89	>PTPN11-A7:EKFDTLAEL	244	155
>PTPN11-A7:GEKFATLA	283	>PTPN11-A7:GEKFDTLA	3480	3197
>PTPN11-A7:GEKFATLAEL'	114	>PTPN11-A7:GEKFDTLAEL'	332	218
>PTPN11-A7:GEKFATLAEL'	110	>PTPN11-A7:GEKFDTLAEL'	174	64
>PTPN11-A7:GEKFATLA	277	>PTPN11-A7:GEKFDTLA	513	236
>PTPN11-A7:GEKFATLAEL	173	>PTPN11-A7:GEKFDTLAEL	162	11
>PTPN11-A7:GEKFATLAEL'	367	>PTPN11-A7:GEKFDTLAEL'	776	409
>PTPN11-A7:GEKFATLA	55	>PTPN11-A7:GEKFDTLA	120	65
>PTPN11-A7:GEKFATLAEL'	309	>PTPN11-A7:GEKFDTLAEL'	438	129
>PTPN11-A7:GEKFATLAEL	478	>PTPN11-A7:GEKFDTLAEL	703	225
>PTPN11-A7:GEKFATLAEL'	9	>PTPN11-A7:GEKFDTLAEL'	12	3
>PTPN11-A7:YGGEKFATL	410	>PTPN11-A7:YGGEKFDTL	806	396
>PTPN11-A7:YGGEKFATL	121	>PTPN11-A7:YGGEKFDTL	987	866
>PTPN11-A7:LYGGEKFATL	7	>PTPN11-A7:LYGGEKFDTL	7	0
>PTPN11-A7:DLYGGEKFA	494	>PTPN11-A7:DLYGGEKFD	19704	19210
>PTPN11-A7:DLYGGEKFAT	31	>PTPN11-A7:DLYGGEKFDT	51	20
>PTPN11-A7:DLYGGEKFAT	396	>PTPN11-A7:DLYGGEKFDT	803	407
>PTPN11-A7:DLYGGEKFA	293	>PTPN11-A7:DLYGGEKFD	19649	19356
>PTPN11-A7:DLYGGEKFAT	66	>PTPN11-A7:DLYGGEKFDT	80	14
>PTPN11-A7:DLYGGEKFAT	205	>PTPN11-A7:DLYGGEKFDT	584	379
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>PTPN11-A7:ATLAELVQYY	167	>PTPN11-A7:TTLAELVQYY	126	41
>PTPN11-A7:ATLAELVQYY	442	>PTPN11-A7:TTLAELVQYY	946	504
>PTPN11-A7:ATLAELVQYY	285	>PTPN11-A7:TTLAELVQYY	673	388
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>PTPN11-A7:ATLAELVQY	112	>PTPN11-A7:TTLAELVQY	134	22
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>PTPN11-A7:ATLAELVQYY	28	>PTPN11-A7:TTLAELVQYYI	25	3
>PTPN11-A7:ATLAELVQYY	778	>PTPN11-A7:TTLAELVQYY	184	594
>PTPN11-A7:ATLAELVQY	70	>PTPN11-A7:TTLAELVQY	46	24
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>PTPN11-A7:ATLAELVQYY	72	>PTPN11-A7:TTLAELVQYY	80	8
>PTPN11-A7:ATLAELVQY	342	>PTPN11-A7:TTLAELVQY	1242	900
>PTPN11-A7:ATLAELVQYY	1544	>PTPN11-A7:TTLAELVQYY	328	1216
>PTPN11-A7:ATLAELVQYY	3436	>PTPN11-A7:TTLAELVQYYI	179	3257
>PTPN11-A7:ATLAELVQYY	363	>PTPN11-A7:TTLAELVQYYI	26	337
>PTPN11-A7:ATLAELVQY	256	>PTPN11-A7:TTLAELVQY	204	52
>PTPN11-A7:ATLAELVQYY	70	>PTPN11-A7:TTLAELVQYY	56	14
>PTPN11-A7:ATLAELVQYY	290	>PTPN11-A7:TTLAELVQYY	1235	945
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>PTPN11-A7:ATLAELVQYY	23	>PTPN11-A7:TTLAELVQYYI	72	49
>PTPN11-A7:ATLAELVQYY	932	>PTPN11-A7:TTLAELVQYY	260	672
>PTPN11-A7:ATLAELVQYY	1812	>PTPN11-A7:TTLAELVQYYI	471	1341
>PTPN11-A7:ATLAELVQYY	460	>PTPN11-A7:TTLAELVQYY	369	91
>PTPN11-A7:ATLAELVQYY	302	>PTPN11-A7:TTLAELVQYYI	255	47
>PTPN11-A7:ATLAELVQYY	379	>PTPN11-A7:TTLAELVQYYI	309	70
>PTPN11-A7:ATLAELVQY	166	>PTPN11-A7:TTLAELVQY	216	50
>PTPN11-A7:ATLAELVQYY	136	>PTPN11-A7:TTLAELVQYY	207	71
>PTPN11-A7:ATLAELVQYY	137	>PTPN11-A7:TTLAELVQYYI	178	41
>PTPN11-A7:FATLAELVQY	360	>PTPN11-A7:FTTLAELVQY	24	336
>PTPN11-A7:FATLAELVQY	1890	>PTPN11-A7:FTTLAELVQY`	42	1848
>PTPN11-A7:FATLAELV	189	>PTPN11-A7:FTTLAELV	71	118
>PTPN11-A7:FATLAELV	1117	>PTPN11-A7:FTTLAELV	423	694
>PTPN11-A7:FATLAELV	38	>PTPN11-A7:FTTLAELV	26	12
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>PTPN11-A7:FATLAELV	829	>PTPN11-A7:FTTLAELV	162	667
>PTPN11-A7:FATLAELV	97	>PTPN11-A7:FTTLAELV	72	25
>PTPN11-A7:FATLAELVQY	2570	>PTPN11-A7:FTTLAELVQY	415	2155
>PTPN11-A7:FATLAELVQY	6869	>PTPN11-A7:FTTLAELVQY	294	6575
>PTPN11-A7:FATLAELVQY`	7899	>PTPN11-A7:FTTLAELVQY`	417	7482
>PTPN11-A7:FATLAELVQY	4417	>PTPN11-A7:FTTLAELVQY`	363	4054
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>PTPN11-A7:FATLAELVQY	1972	>PTPN11-A7:FTTLAELVQY`	62	1910
>PTPN11-A7:FATLAELVQY	717	>PTPN11-A7:FTTLAELVQY	207	510
>PTPN11-A7:FATLAELVQY	99	>PTPN11-A7:FTTLAELVQY`	22	77
>PTPN11-A7:FATLAELVQY	1566	>PTPN11-A7:FTTLAELVQY	262	1304
>PTPN11-A7:FATLAELVQY	693	>PTPN11-A7:FTTLAELVQY	231	462
>PTPN11-A7:FATLAELVQY`	778	>PTPN11-A7:FTTLAELVQY`	205	573
>PTPN11-A7:FATLAELV	99	>PTPN11-A7:FTTLAELV	19	80

>PTPN11-A7:FATLAELV	1002	>PTPN11-A7:FTTLAELV	204	798
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>PTPN11-A7:FATLAELVQY	41	>PTPN11-A7:FTTLAELVQY	12	29
>PTPN11-A7:FATLAELVQY	41	>PTPN11-A7:FTTLAELVQY	9	32
>PTPN11-A7:FATLAELVQY	27	>PTPN11-A7:FTTLAELVQY	499	472
>PTPN11-A7:FATLAELVQY	310	>PTPN11-A7:FTTLAELVQY	5914	5604
>PTPN11-A7:FATLAELVQY	221	>PTPN11-A7:FTTLAELVQY	160	61
>PTPN11-A7:FATLAELV	2801	>PTPN11-A7:FTTLAELV	78	2723
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>PTPN11-A7:FATLAELVQY	104	>PTPN11-A7:FTTLAELVQY	16	88
>PTPN11-A7:FATLAELVQY	850	>PTPN11-A7:FTTLAELVQY	57	793
>PTPN11-A7:FATLAELVQY	912	>PTPN11-A7:FTTLAELVQY	218	694
>PTPN11-A7:KFATLAEL	82	>PTPN11-A7:KFTTLAEL	988	906
>PTPN11-A7:KFATLAELV	64	>PTPN11-A7:KFTTLAELV	911	847
>PTPN11-A7:KFATLAEL	221	>PTPN11-A7:KFTTLAEL	278	57
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>PTPN11-A7:KFATLAEL	210	>PTPN11-A7:KFTTLAEL	167	43
>PTPN11-A7:KFATLAELV	149	>PTPN11-A7:KFTTLAELV	118	31
>PTPN11-A7:EKFATLAELV	917	>PTPN11-A7:EKFTTLAELV	368	549
>PTPN11-A7:EKFATLAEL	36	>PTPN11-A7:EKFTTLAEL	29	7
>PTPN11-A7:EKFATLAELV	324	>PTPN11-A7:EKFTTLAELV	285	39
>PTPN11-A7:EKFATLAEL	89	>PTPN11-A7:EKFTTLAEL	181	92
>PTPN11-A7:GEKFATLA	283	>PTPN11-A7:GEKFTTLA	1349	1066
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>PTPN11-A7:GEKFATLAEL	173	>PTPN11-A7:GEKFTTLAEL	181	8
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>PTPN11-A7:GEKFATLAEL	9	>PTPN11-A7:GEKFTTLAEL	11	2
>PTPN11-A7:YGGEKFATL	410	>PTPN11-A7:YGGEKF TTL	556	146
>PTPN11-A7:YGGEKFATL	121	>PTPN11-A7:YGGEKF TTL	144	23
>PTPN11-A7:LYGGEKFATL	4237	>PTPN11-A7:LYGGEKF TTL	474	3763
>PTPN11-A7:LYGGEKFAT	1107	>PTPN11-A7:LYGGEKF TT	476	631
>PTPN11-A7:LYGGEKFATL	7	>PTPN11-A7:LYGGEKF TTL	8	1
>PTPN11-A7:DLYGGEKFA	494	>PTPN11-A7:DLYGGEK FT	2964	2470
>PTPN11-A7:DLYGGEKFAT	31	>PTPN11-A7:DLYGGEK FT	51	20
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>PTPN11-A7:DLYGGEKFA	293	>PTPN11-A7:DLYGGEKFT	3501	3208
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>PTPN11-A7:DLYGGEKFA	205	>PTPN11-A7:DLYGGEKFTT	693	488
>PTPN11-A7:DLYGGEKFA	143	>PTPN11-A7:DLYGGEKFT	1669	1526
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>PTPN11-A7:DLYGGEKFAT	11	>PTPN11-A7:DLYGGEKFTT	12	1
>PTPN11-A7:ATLAELVQYY	167	>PTPN11-A7:VTLAELVQYY	127	40
>PTPN11-A7:ATLAELVQYY	442	>PTPN11-A7:VTLAELVQYY	610	168
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>PTPN11-A7:ATLAELVQYY	247	>PTPN11-A7:VTLAELVQYY	183	64
>PTPN11-A7:ATLAELVQYY	371	>PTPN11-A7:VTLAELVQYY	1111	740
>PTPN11-A7:ATLAELVQY	112	>PTPN11-A7:VTLAELVQY	282	170
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>PTPN11-A7:ATLAELVQYY	28	>PTPN11-A7:VTLAELVQYY	116	88
>PTPN11-A7:ATLAELVQY	70	>PTPN11-A7:VTLAELVQY	41	29
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>PTPN11-A7:ATLAELVQY	579	>PTPN11-A7:VTLAELVQY	350	229
>PTPN11-A7:ATLAELVQYY	72	>PTPN11-A7:VTLAELVQYY	69	3
>PTPN11-A7:ATLAELVQY	342	>PTPN11-A7:VTLAELVQY	1498	1156
>PTPN11-A7:ATLAELVQYY	363	>PTPN11-A7:VTLAELVQYY	425	62
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>PTPN11-A7:ATLAELVQYY	70	>PTPN11-A7:VTLAELVQYY	27	43
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>PTPN11-A7:ATLAELVQY	5	>PTPN11-A7:VTLAELVQY	5	0
>PTPN11-A7:ATLAELVQYY	5	>PTPN11-A7:VTLAELVQYY	5	0
>PTPN11-A7:ATLAELVQYY	23	>PTPN11-A7:VTLAELVQYY	23	0
>PTPN11-A7:ATLAELVQYY	932	>PTPN11-A7:VTLAELVQYY	233	699
>PTPN11-A7:ATLAELVQYY	1812	>PTPN11-A7:VTLAELVQYY	461	1351
>PTPN11-A7:ATLAELVQY	1820	>PTPN11-A7:VTLAELVQY	303	1517
>PTPN11-A7:ATLAELVQYY	460	>PTPN11-A7:VTLAELVQYY	94	366
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>PTPN11-A7:ATLAELVQYY	379	>PTPN11-A7:VTLAELVQYY	228	151
>PTPN11-A7:ATLAELVQY	166	>PTPN11-A7:VTLAELVQY	105	61
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>PTPN11-A7:ATLAELVQYY	137	>PTPN11-A7:VTLAELVQYY	84	53
>PTPN11-A7:FATLAELVQY	360	>PTPN11-A7:FVTLAELVQY	206	154
>PTPN11-A7:FATLAELV	2281	>PTPN11-A7:FVTLAELV	290	1991
>PTPN11-A7:FATLAELV	189	>PTPN11-A7:FVTLAELV	40	149
>PTPN11-A7:FATLAELV	1117	>PTPN11-A7:FVTLAELV	138	979
>PTPN11-A7:FATLAELV	38	>PTPN11-A7:FVTLAELV	12	26



>PTPN11-A7:FATLAELV	1497	>PTPN11-A7:FVTLAELV	319	1178
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>PTPN11-A7:FATLAELV	97	>PTPN11-A7:FVTLAELV	12	85
>PTPN11-A7:FATLAELVQY	3450	>PTPN11-A7:FVTLAELVQY	164	3286
>PTPN11-A7:FATLAELVQY	1972	>PTPN11-A7:FVTLAELVQY	91	1881
>PTPN11-A7:FATLAELVQY	717	>PTPN11-A7:FVTLAELVQY	458	259
>PTPN11-A7:FATLAELVQY	99	>PTPN11-A7:FVTLAELVQY	20	79
>PTPN11-A7:FATLAELVQY	693	>PTPN11-A7:FVTLAELVQY	399	294
>PTPN11-A7:FATLAELVQY	778	>PTPN11-A7:FVTLAELVQY	472	306
>PTPN11-A7:FATLAELV	99	>PTPN11-A7:FVTLAELV	30	69
>PTPN11-A7:FATLAELV	1002	>PTPN11-A7:FVTLAELV	397	605
>PTPN11-A7:FATLAELVQY	3011	>PTPN11-A7:FVTLAELVQY	230	2781
>PTPN11-A7:FATLAELVQY	41	>PTPN11-A7:FVTLAELVQY	381	340
>PTPN11-A7:FATLAELVQY	41	>PTPN11-A7:FVTLAELVQY	577	536
>PTPN11-A7:FATLAELVQY	27	>PTPN11-A7:FVTLAELVQY	105	78
>PTPN11-A7:FATLAELVQY	310	>PTPN11-A7:FVTLAELVQY	2928	2618
>PTPN11-A7:FATLAELVQY	221	>PTPN11-A7:FVTLAELVQY	1729	1508
>PTPN11-A7:FATLAELVQY	104	>PTPN11-A7:FVTLAELVQY	76	28
>PTPN11-A7:FATLAELVQY	912	>PTPN11-A7:FVTLAELVQY	361	551
>PTPN11-A7:YYDLYGGEKF	8186	>PTPN11-A7:YYDLYGGEKF	422	7764
>PTPN11-A7:KFATLAEL	82	>PTPN11-A7:KFVTLAEL	462	380
>PTPN11-A7:KFATLAELV	64	>PTPN11-A7:KFVTLAELV	409	345
>PTPN11-A7:KFATLAEL	221	>PTPN11-A7:KFVTLAEL	347	126
>PTPN11-A7:KFATLAELVQ	27	>PTPN11-A7:KFVTLAELVQ	35	8
>PTPN11-A7:KFATLAELVQ	319	>PTPN11-A7:KFVTLAELVQ	1188	869
>PTPN11-A7:KFATLAELVQ	117	>PTPN11-A7:KFVTLAELVQ	219	102
>PTPN11-A7:KFATLAELVQ	144	>PTPN11-A7:KFVTLAELVQ	700	556
>PTPN11-A7:KFATLAEL	210	>PTPN11-A7:KFVTLAEL	110	100
>PTPN11-A7:KFATLAELV	149	>PTPN11-A7:KFVTLAELV	99	50
>PTPN11-A7:EKFATLAEL	36	>PTPN11-A7:EKFVTLAEL	51	15
>PTPN11-A7:EKFATLAELV	324	>PTPN11-A7:EKFVTLAELV	439	115
>PTPN11-A7:EKFATLAEL	89	>PTPN11-A7:EKFVTLAEL	413	324
>PTPN11-A7:GEKFATLA	283	>PTPN11-A7:GEKFVTLA	669	386
>PTPN11-A7:GEKFATLAEL	114	>PTPN11-A7:GEKFVTLAEL	84	30
>PTPN11-A7:GEKFATLAEL	110	>PTPN11-A7:GEKFVTLAEL	117	7
>PTPN11-A7:GEKFATLA	277	>PTPN11-A7:GEKFVTLA	206	71
>PTPN11-A7:GEKFATLAEL	173	>PTPN11-A7:GEKFVTLAEL	178	5
>PTPN11-A7:GEKFATLAEL	367	>PTPN11-A7:GEKFVTLAEL	395	28
>PTPN11-A7:GEKFATLA	55	>PTPN11-A7:GEKFVTLA	57	2
>PTPN11-A7:GEKFATLAEL	309	>PTPN11-A7:GEKFVTLAEL	298	11
>PTPN11-A7:GEKFATLAEL	478	>PTPN11-A7:GEKFVTLAEL	358	120
>PTPN11-A7:GEKFATLAEL	9	>PTPN11-A7:GEKFVTLAEL	7	2
>PTPN11-A7:YGGEKFATL	410	>PTPN11-A7:YGGEKFVTL	627	217

>PTPN11-A7:YGGEKFATL	121	>PTPN11-A7:YGGEKFVTL	187	66
>PTPN11-A7:LYGGEKFA	1652	>PTPN11-A7:LYGGEKFV	198	1454
>PTPN11-A7:LYGGEKFATL	7	>PTPN11-A7:LYGGEKFVTL	6	1
>PTPN11-A7:DLYGGEKFA	494	>PTPN11-A7:DLYGGEKFV	10	484
>PTPN11-A7:DLYGGEKFAT	31	>PTPN11-A7:DLYGGEKFVT	34	3
>PTPN11-A7:DLYGGEKFAT	396	>PTPN11-A7:DLYGGEKFVT	547	151
>PTPN11-A7:DLYGGEKFA	293	>PTPN11-A7:DLYGGEKFV	11	282
>PTPN11-A7:DLYGGEKFAT	66	>PTPN11-A7:DLYGGEKFVT	52	14
>PTPN11-A7:DLYGGEKFA	3193	>PTPN11-A7:DLYGGEKFV	53	3140
>PTPN11-A7:DLYGGEKFAT	205	>PTPN11-A7:DLYGGEKFVT	452	247
>PTPN11-A7:DLYGGEKFA	143	>PTPN11-A7:DLYGGEKFV	8	135
>PTPN11-A7:DLYGGEKFAT	11	>PTPN11-A7:DLYGGEKFVT	12	1
>PTPN11-A7:YDLYGGEKFA	5687	>PTPN11-A7:YDLYGGEKFV	470	5217
>PTPN11-D6:DYYDLYGGEK	108	>PTPN11-D6:GYDLYGGEK	39	69
>PTPN11-D6:DYYDLYGGEK	44	>PTPN11-D6:GYDLYGGEK	8	36
>PTPN11-D6:DYYDLYGGEK	1039	>PTPN11-D6:GYDLYGGEK	197	842
>PTPN11-D6:TGDYYDLY	200	>PTPN11-D6:TGGYYDLY	11307	11107
>PTPN11-D6:TGDYYDLY	1135	>PTPN11-D6:TGGYYDLY	252	883
>PTPN11-D6:NTGDYYDLY	33	>PTPN11-D6:NTGGYYDLY	84	51
>PTPN11-D6:NTGDYYDLY	429	>PTPN11-D6:NTGGYYDLY	222	207
>PTPN11-D6:NTGDYYDLY	40	>PTPN11-D6:NTGGYYDLY	46	6
>PTPN11-D6:NTGDYYDLY	213	>PTPN11-D6:NTGGYYDLY	448	235
>PTPN11-D6:NTGDYYDL	482	>PTPN11-D6:NTGGYYDL	646	164
>PTPN11-D6:NTGDYYDL	425	>PTPN11-D6:NTGGYYDL	1118	693
>PTPN11-D6:NTGDYYDLY	255	>PTPN11-D6:NTGGYYDLY	311	56
>PTPN11-D6:NTGDYYDLY	249	>PTPN11-D6:NTGGYYDLY	199	50
>PTPN11-D6:IQNTGDYY	329	>PTPN11-D6:IQNTGGYY	113	216
>PTPN11-D6:IQNTGDYYDL	132	>PTPN11-D6:IQNTGGYYDL	114	18
>PTPN11-D6:IQNTGDYY	23	>PTPN11-D6:IQNTGGYY	12	11
>PTPN11-D6:IQNTGDYYDL	42	>PTPN11-D6:IQNTGGYYDL	50	8
>PTPN11-D6:IQNTGDYY	73	>PTPN11-D6:IQNTGGYY	56	17
>PTPN11-D6:IQNTGDYYDL	124	>PTPN11-D6:IQNTGGYYDL	113	11
>PTPN11-D6:IQNTGDYY	245	>PTPN11-D6:IQNTGGYY	104	141
>PTPN11-D6:IQNTGDYYDL	719	>PTPN11-D6:IQNTGGYYDL	428	291
>PTPN11-D6:IQNTGDYY	27	>PTPN11-D6:IQNTGGYY	17	10
>PTPN11-D6:IQNTGDYYDL	132	>PTPN11-D6:IQNTGGYYDL	50	82
>PTPN11-D6:IQNTGDYYDL	50	>PTPN11-D6:IQNTGGYYDL	28	22
>PTPN11-D6:KIQNTGDYYC	452	>PTPN11-D6:KIQNTGGYYC	759	307
>PTPN11-D6:KIQNTGDYY	212	>PTPN11-D6:KIQNTGGYY	304	92
>PTPN11-D6:KIQNTGDYY	816	>PTPN11-D6:KIQNTGGYY	180	636
>PTPN11-D6:KIQNTGDY	30	>PTPN11-D6:KIQNTGGY	16	14
>PTPN11-D6:KIQNTGDYY	32	>PTPN11-D6:KIQNTGGYY	9	23
>PTPN11-D6:KIQNTGDYYC	219	>PTPN11-D6:KIQNTGGYYC	314	95

>PTPN11-D6: KIQNTGDY	113	>PTPN11-D6: KIQNTGGY	129	16
>PTPN11-D6: KIQNTGDYY	332	>PTPN11-D6: KIQNTGGYY	66	266
>PTPN11-D6: KIQNTGDY	453	>PTPN11-D6: KIQNTGGY	178	275
>PTPN11-D6: KIQNTGDYY	229	>PTPN11-D6: KIQNTGGYY	120	109
>PTPN11-D6: KIQNTGDY	648	>PTPN11-D6: KIQNTGGY	337	311
>PTPN11-D6: KIQNTGDYY	549	>PTPN11-D6: KIQNTGGYY	241	308
>PTPN11-D6: KIQNTGDY	135	>PTPN11-D6: KIQNTGGY	74	61
>PTPN11-D6: KIQNTGDYY	478	>PTPN11-D6: KIQNTGGYY	377	101
>PTPN11-D6: IKIQNTGDY	1166	>PTPN11-D6: IKIQNTGGY	214	952
>PTPN11-D6: IKIQNTGDY	416	>PTPN11-D6: IKIQNTGGY	764	348
>PTPN11-D6: IKIQNTGDYY	627	>PTPN11-D6: IKIQNTGGYY	263	364
>PTPN11-D6: IKIQNTGDY	165	>PTPN11-D6: IKIQNTGGY	117	48
>PTPN11-D6: IKIQNTGDYY	248	>PTPN11-D6: IKIQNTGGYY	35	213
>PTPN11-D6: IKIQNTGDY	37	>PTPN11-D6: IKIQNTGGY	56	19
>PTPN11-D6: IKIQNTGDYY	13	>PTPN11-D6: IKIQNTGGYY	18	5
>PTPN11-D6: HIKIQNTGDY	714	>PTPN11-D6: HIKIQNTGGY	471	243
>PTPN11-D6: HIKIQNTGDY	1418	>PTPN11-D6: HIKIQNTGGY	177	1241
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>PTPN11-D6: HIKIQNTGDY	197	>PTPN11-D6: HIKIQNTGGY	65	132
>PTPN11-D6: HIKIQNTGDY	440	>PTPN11-D6: HIKIQNTGGY	740	300
>PTPN11-D6: HIKIQNTGDY	654	>PTPN11-D6: HIKIQNTGGY	292	362
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>PTPN11-D6: THIKIQNTGD	301	>PTPN11-D6: THIKIQNTGG	484	183
>PTPN11-D6: DYYDLYGGEK	108	>PTPN11-D6: HYYDLYGGEK	38	70
>PTPN11-D6: DYYDLYGGEK	616	>PTPN11-D6: HYYDLYGGEK	350	266
>PTPN11-D6: DYYDLYGGEK	44	>PTPN11-D6: HYYDLYGGEK	6	38
>PTPN11-D6: DYYDLYGGEK	1039	>PTPN11-D6: HYYDLYGGEK	322	717
>PTPN11-D6: DYYDLYGGEK	9423	>PTPN11-D6: HYYDLYGGEK	51	9372
>PTPN11-D6: DYYDLYGGEK	2062	>PTPN11-D6: HYYDLYGGEK	107	1955
>PTPN11-D6: VTHIKIQNTG	7775	>PTPN11-D6: VTHIKIQNTG	199	7576
>PTPN11-D6: TGDYYDLY	200	>PTPN11-D6: TGHYYDLY	14550	14350
>PTPN11-D6: TGDYYDLY	1135	>PTPN11-D6: TGHYYDLY	266	869
>PTPN11-D6: TGDYYDLY	968	>PTPN11-D6: TGHYYDLY	468	500
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>PTPN11-D6: NTGDYYDLY	429	>PTPN11-D6: NTGHYYDLY	601	172
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>PTPN11-D6: NTGDYYDLY	213	>PTPN11-D6: NTGHYYDLY	785	572
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>PTPN11-D6: NTGDYYDL	425	>PTPN11-D6: NTGHYYDL	1482	1057
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>PTPN11-D6: NTGDYYDLY	249	>PTPN11-D6: NTGHYYDLY	236	13
>PTPN11-D6: IQNTGDYY	329	>PTPN11-D6: IQNTGHYY	53	276
>PTPN11-D6: IQNTGDYYDL	132	>PTPN11-D6: IQNTGHYYDL	103	29
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>PTPN11-D6: IQNTGDYYDL	1138	>PTPN11-D6: IQNTGHYYDL	461	677
>PTPN11-D6: IQNTGDYY	73	>PTPN11-D6: IQNTGHYY	59	14
>PTPN11-D6: IQNTGDYYDL	124	>PTPN11-D6: IQNTGHYYDL	112	12
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>PTPN11-D6: IQNTGDYYDL	50	>PTPN11-D6: IQNTGHYYDL	21	29
>PTPN11-D6: IQNTGDYYDL	890	>PTPN11-D6: IQNTGHYYDL	473	417
>PTPN11-D6: KIQNTGDYYC	452	>PTPN11-D6: KIQNTGHYYC	302	150
>PTPN11-D6: KIQNTGDYY	212	>PTPN11-D6: KIQNTGHYY	51	161
>PTPN11-D6: KIQNTGDY	797	>PTPN11-D6: KIQNTGHY	410	387
>PTPN11-D6: KIQNTGDYY	816	>PTPN11-D6: KIQNTGHYY	56	760
>PTPN11-D6: KIQNTGDY	30	>PTPN11-D6: KIQNTGHY	15	15
>PTPN11-D6: KIQNTGDYY	32	>PTPN11-D6: KIQNTGHYY	7	25
>PTPN11-D6: KIQNTGDYYC	219	>PTPN11-D6: KIQNTGHYYC	127	92
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>PTPN11-D6: KIQNTGDYY	332	>PTPN11-D6: KIQNTGHYY	31	301
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>PTPN11-D6: KIQNTGDYY	229	>PTPN11-D6: KIQNTGHYY	131	98
>PTPN11-D6: KIQNTGDYY	549	>PTPN11-D6: KIQNTGHYY	231	318
>PTPN11-D6: KIQNTGDYY	1230	>PTPN11-D6: KIQNTGHYY	495	735
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>PTPN11-D6: KIQNTGDYY	2193	>PTPN11-D6: KIQNTGHYY	243	1950
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>PTPN11-D6: KIQNTGDYY	478	>PTPN11-D6: KIQNTGHYY	192	286
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>PTPN11-D6: IKIQNTGDY	165	>PTPN11-D6: IKIQNTGHY	102	63
>PTPN11-D6: IKIQNTGDYY	248	>PTPN11-D6: IKIQNTGHYY	75	173
>PTPN11-D6: IKIQNTGDY	37	>PTPN11-D6: IKIQNTGHY	24	13
>PTPN11-D6: IKIQNTGDYY	13	>PTPN11-D6: IKIQNTGHYY	8	5
>PTPN11-D6: HIKIQNTGDY	889	>PTPN11-D6: HIKIQNTGHY	186	703

>PTPN11-D6: HIKIQNTGDY	1625	>PTPN11-D6: HIKIQNTGHY	223	1402
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>PTPN11-D6: HIKIQNTGDY	257	>PTPN11-D6: HIKIQNTGHY	237	20
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>PTPN11-D6: HIKIQNTGDY	440	>PTPN11-D6: HIKIQNTGHY	193	247
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>PTPN11-D6: HIKIQNTGDY	654	>PTPN11-D6: HIKIQNTGHY	113	541
>PTPN11-D6: HIKIQNTGDY	402	>PTPN11-D6: HIKIQNTGHY	290	112
>PTPN11-D6: HIKIQNTGDY	273	>PTPN11-D6: HIKIQNTGHY	367	94
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>PTPN11-D6: HIKIQNTGDY	1910	>PTPN11-D6: HIKIQNTGHY	489	1421
>PTPN11-D6: HIKIQNTGDY	564	>PTPN11-D6: HIKIQNTGHY	257	307
>PTPN11-D6: THIKIQNTGD	281	>PTPN11-D6: THIKIQNTGH	209	72
>PTPN11-D6: THIKIQNTGD	247	>PTPN11-D6: THIKIQNTGH	164	83
>PTPN11-D6: THIKIQNTGD	301	>PTPN11-D6: THIKIQNTGH	131	170
>PTPN11-D6: DYYDLYGGEK	108	>PTPN11-D6: NYDLYGGEK	35	73
>PTPN11-D6: DYYDLYGGEK	616	>PTPN11-D6: NYDLYGGEK	456	160
>PTPN11-D6: DYYDLYGGEK	44	>PTPN11-D6: NYDLYGGEK	8	36
>PTPN11-D6: TGDYYDLY	200	>PTPN11-D6: TGNYYDLY	7687	7487
>PTPN11-D6: TGDYYDLY	1135	>PTPN11-D6: TGNYYDLY	358	777
>PTPN11-D6: TGDYYDLY	968	>PTPN11-D6: TGNYYDLY	211	757
>PTPN11-D6: NTGDYYDLY	33	>PTPN11-D6: NTGNYDLY	60	27
>PTPN11-D6: NTGDYYDLY	429	>PTPN11-D6: NTGNYDLY	713	284
>PTPN11-D6: NTGDYYDLY	40	>PTPN11-D6: NTGNYDLY	89	49
>PTPN11-D6: NTGDYYDLY	213	>PTPN11-D6: NTGNYDLY	395	182
>PTPN11-D6: NTGDYYDL	482	>PTPN11-D6: NTGNYDL	936	454
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>PTPN11-D6: NTGDYYDLY	255	>PTPN11-D6: NTGNYDLY	134	121
>PTPN11-D6: NTGDYYDLY	249	>PTPN11-D6: NTGNYDLY	111	138
>PTPN11-D6: IQNTGDYY	329	>PTPN11-D6: IQNTGNYY	236	93
>PTPN11-D6: IQNTGDYYDL	132	>PTPN11-D6: IQNTGNYYDL	158	26
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>PTPN11-D6: IQNTGDYY	73	>PTPN11-D6: IQNTGNYY	60	13
>PTPN11-D6: IQNTGDYYDL	124	>PTPN11-D6: IQNTGNYYDL	120	4
>PTPN11-D6: IQNTGDYY	245	>PTPN11-D6: IQNTGNYY	162	83
>PTPN11-D6: IQNTGDYY	27	>PTPN11-D6: IQNTGNYY	7	20
>PTPN11-D6: IQNTGDYYDL	132	>PTPN11-D6: IQNTGNYYDL	57	75
>PTPN11-D6: IQNTGDYYDL	50	>PTPN11-D6: IQNTGNYYDL	24	26
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>PTPN11-D6: KIQTGDYY	816	>PTPN11-D6: KIQTGNYY	359	457
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>PTPN11-D6: KIQNTGDYY	32	>PTPN11-D6: KIQNTGNYY	15	17
>PTPN11-D6: KIQNTGDYYE	219	>PTPN11-D6: KIQNTGNYYE	155	64
>PTPN11-D6: KIQNTGDY	113	>PTPN11-D6: KIQNTGNY	71	42
>PTPN11-D6: KIQNTGDYY	332	>PTPN11-D6: KIQNTGNYY	187	145
>PTPN11-D6: KIQNTGDY	453	>PTPN11-D6: KIQNTGNY	325	128
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>PTPN11-D6: KIQNTGDYY	478	>PTPN11-D6: KIQNTGNYY	341	137
>PTPN11-D6: IKIQNTGDY	1166	>PTPN11-D6: IKIQNTGNY	366	800
>PTPN11-D6: IKIQNTGDY	416	>PTPN11-D6: IKIQNTGNY	547	131
>PTPN11-D6: IKIQNTGDYY	627	>PTPN11-D6: IKIQNTGNYY	369	258
>PTPN11-D6: IKIQNTGDY	165	>PTPN11-D6: IKIQNTGNY	160	5
>PTPN11-D6: IKIQNTGDYY	248	>PTPN11-D6: IKIQNTGNYY	105	143
>PTPN11-D6: IKIQNTGDY	37	>PTPN11-D6: IKIQNTGNY	20	17
>PTPN11-D6: IKIQNTGDYY	13	>PTPN11-D6: IKIQNTGNYY	7	6
>PTPN11-D6: HIKIQNTGDY	1625	>PTPN11-D6: HIKIQNTGNY	332	1293
>PTPN11-D6: HIKIQNTGDY	472	>PTPN11-D6: HIKIQNTGNY	75	397
>PTPN11-D6: HIKIQNTGDY	257	>PTPN11-D6: HIKIQNTGNY	180	77
>PTPN11-D6: HIKIQNTGDY	197	>PTPN11-D6: HIKIQNTGNY	107	90
>PTPN11-D6: HIKIQNTGDY	440	>PTPN11-D6: HIKIQNTGNY	297	143
>PTPN11-D6: HIKIQNTGDY	402	>PTPN11-D6: HIKIQNTGNY	284	118
>PTPN11-D6: HIKIQNTGDY	273	>PTPN11-D6: HIKIQNTGNY	258	15
>PTPN11-D6: HIKIQNTGDY	297	>PTPN11-D6: HIKIQNTGNY	256	41
>PTPN11-D6: HIKIQNTGDY	564	>PTPN11-D6: HIKIQNTGNY	409	155
>PTPN11-D6: THIKIQNTGD	281	>PTPN11-D6: THIKIQNTGN	364	83
>PTPN11-D6: THIKIQNTGD	247	>PTPN11-D6: THIKIQNTGN	234	13
>PTPN11-D6: THIKIQNTGD	301	>PTPN11-D6: THIKIQNTGN	200	101
>PTPN11-D6: DYYDLYGGEK	3977	>PTPN11-D6: VYYDLYGGEK	275	3702
>PTPN11-D6: DYYDLYGGEK	108	>PTPN11-D6: VYYDLYGGEK	24	84
>PTPN11-D6: DYYDLYGGEK	616	>PTPN11-D6: VYYDLYGGEK	173	443
>PTPN11-D6: DYYDLYGGEK	44	>PTPN11-D6: VYYDLYGGEK	8	36
>PTPN11-D6: DYYDLYGGEK	1039	>PTPN11-D6: VYYDLYGGEK	256	783
>PTPN11-D6: GDYYDLYGGE	16270	>PTPN11-D6: GVYYDLYGGE	126	16144
>PTPN11-D6: GDYYDLYGGE	8292	>PTPN11-D6: GVYYDLYGGE	31	8261
>PTPN11-D6: GDYYDLYGGE	11899	>PTPN11-D6: GVYYDLYGGE	214	11685
>PTPN11-D6: VTHIKIQNTG'	25007	>PTPN11-D6: VTHIKIQNTG'	295	24712
>PTPN11-D6: VTHIKIQNTG'	28600	>PTPN11-D6: VTHIKIQNTG'	137	28463
>PTPN11-D6: VTHIKIQNTG'	36750	>PTPN11-D6: VTHIKIQNTG'	170	36580
>PTPN11-D6: VTHIKIQNTG'	20618	>PTPN11-D6: VTHIKIQNTG'	446	20172
>PTPN11-D6: VTHIKIQNTG'	7775	>PTPN11-D6: VTHIKIQNTG'	95	7680
>PTPN11-D6: TGDYYDLY	200	>PTPN11-D6: TGVYYDLY	15793	15593

>PTPN11-D6:TGDYYDLY	1135	>PTPN11-D6:TGVYYDLY	143	992
>PTPN11-D6:NTGDYYDLY	33	>PTPN11-D6:NTGVYYDLY	49	16
>PTPN11-D6:NTGDYYDLY	429	>PTPN11-D6:NTGVYYDLY	1288	859
>PTPN11-D6:NTGDYYDLY	40	>PTPN11-D6:NTGVYYDLY	135	95
>PTPN11-D6:NTGDYYDLY	213	>PTPN11-D6:NTGVYYDLY	804	591
>PTPN11-D6:NTGDYYDL	482	>PTPN11-D6:NTGVYYDL	811	329
>PTPN11-D6:NTGDYYDL	425	>PTPN11-D6:NTGVYYDL	1398	973
>PTPN11-D6:NTGDYYDLY	255	>PTPN11-D6:NTGVYYDLY	239	16
>PTPN11-D6:NTGDYYDLY	249	>PTPN11-D6:NTGVYYDLY	347	98
>PTPN11-D6:IQNTGDYYDL	568	>PTPN11-D6:IQNTGVYYDL	363	205
>PTPN11-D6:IQNTGDYY	329	>PTPN11-D6:IQNTGVYY	178	151
>PTPN11-D6:IQNTGDYYDL	132	>PTPN11-D6:IQNTGVYYDL	188	56
>PTPN11-D6:IQNTGDYY	23	>PTPN11-D6:IQNTGVYY	33	10
>PTPN11-D6:IQNTGDYYDL	42	>PTPN11-D6:IQNTGVYYDL	55	13
>PTPN11-D6:IQNTGDYY	73	>PTPN11-D6:IQNTGVYY	54	19
>PTPN11-D6:IQNTGDYYDL	124	>PTPN11-D6:IQNTGVYYDL	116	8
>PTPN11-D6:IQNTGDYY	245	>PTPN11-D6:IQNTGVYY	358	113
>PTPN11-D6:IQNTGDYY	27	>PTPN11-D6:IQNTGVYY	5	22
>PTPN11-D6:IQNTGDYYDL	132	>PTPN11-D6:IQNTGVYYDL	57	75
>PTPN11-D6:IQNTGDYYDL	50	>PTPN11-D6:IQNTGVYYDL	23	27
>PTPN11-D6:KIQNTGDYYC	452	>PTPN11-D6:KIQNTGVYYC	414	38
>PTPN11-D6:KIQNTGDYY	212	>PTPN11-D6:KIQNTGVYY	70	142
>PTPN11-D6:KIQNTGDYY	816	>PTPN11-D6:KIQNTGVYY	220	596
>PTPN11-D6:KIQNTGDY	30	>PTPN11-D6:KIQNTGVY	23	7
>PTPN11-D6:KIQNTGDYY	32	>PTPN11-D6:KIQNTGVYY	42	10
>PTPN11-D6:KIQNTGDYYC	219	>PTPN11-D6:KIQNTGVYYC	58	161
>PTPN11-D6:KIQNTGDY	113	>PTPN11-D6:KIQNTGVY	179	66
>PTPN11-D6:KIQNTGDYY	332	>PTPN11-D6:KIQNTGVYY	219	113
>PTPN11-D6:KIQNTGDY	453	>PTPN11-D6:KIQNTGVY	83	370
>PTPN11-D6:KIQNTGDYY	229	>PTPN11-D6:KIQNTGVYY	111	118
>PTPN11-D6:KIQNTGDY	648	>PTPN11-D6:KIQNTGVY	439	209
>PTPN11-D6:KIQNTGDYY	1230	>PTPN11-D6:KIQNTGVYY	146	1084
>PTPN11-D6:KIQNTGDYY	135	>PTPN11-D6:KIQNTGVYY	238	103
>PTPN11-D6:KIQNTGDY	6021	>PTPN11-D6:KIQNTGVY	488	5533
>PTPN11-D6:KIQNTGDYY	478	>PTPN11-D6:KIQNTGVYY	743	265
>PTPN11-D6:IKIQNTGDY	416	>PTPN11-D6:IKIQNTGVY	1030	614
>PTPN11-D6:IKIQNTGDYY	627	>PTPN11-D6:IKIQNTGVYY	135	492
>PTPN11-D6:IKIQNTGDY	165	>PTPN11-D6:IKIQNTGVY	94	71
>PTPN11-D6:IKIQNTGDYY	248	>PTPN11-D6:IKIQNTGVYY	199	49
>PTPN11-D6:IKIQNTGD	11412	>PTPN11-D6:IKIQNTGV	153	11259
>PTPN11-D6:IKIQNTGDY	37	>PTPN11-D6:IKIQNTGVY	14	23
>PTPN11-D6:IKIQNTGDYY	13	>PTPN11-D6:IKIQNTGVYY	5	8
>PTPN11-D6:HIQIQTGD	24469	>PTPN11-D6:HIQIQTGV	115	24354

>PTPN11-D6: HIKIQNTGD	36489	>PTPN11-D6: HIKIQNTGV	143	36346
>PTPN11-D6: HIKIQNTGDY	889	>PTPN11-D6: HIKIQNTGVY	392	497
>PTPN11-D6: HIKIQNTGD	6894	>PTPN11-D6: HIKIQNTGV	430	6464
>PTPN11-D6: HIKIQNTGDY	472	>PTPN11-D6: HIKIQNTGVY	77	395
>PTPN11-D6: HIKIQNTGDY	257	>PTPN11-D6: HIKIQNTGVY	302	45
>PTPN11-D6: HIKIQNTGDY	197	>PTPN11-D6: HIKIQNTGVY	267	70
>PTPN11-D6: HIKIQNTGDY	440	>PTPN11-D6: HIKIQNTGVY	849	409
>PTPN11-D6: HIKIQNTGDY	654	>PTPN11-D6: HIKIQNTGVY	122	532
>PTPN11-D6: HIKIQNTGDY	402	>PTPN11-D6: HIKIQNTGVY	247	155
>PTPN11-D6: HIKIQNTGDY	273	>PTPN11-D6: HIKIQNTGVY	182	91
>PTPN11-D6: HIKIQNTGDY	297	>PTPN11-D6: HIKIQNTGVY	308	11
>PTPN11-D6: THIKIQNTGD	281	>PTPN11-D6: THIKIQNTGV	651	370
>PTPN11-D6: THIKIQNTGD	247	>PTPN11-D6: THIKIQNTGV	159	88
>PTPN11-D6: THIKIQNTGD	301	>PTPN11-D6: THIKIQNTGV	559	258
>PTPN11-D6: DYYDLYGGEK	108	>PTPN11-D6: YYYDLYGGEK	19	89
>PTPN11-D6: DYYDLYGGEK	616	>PTPN11-D6: YYYDLYGGEK	85	531
>PTPN11-D6: DYYDLYGGEK	7232	>PTPN11-D6: YYYDLYGGEK	158	7074
>PTPN11-D6: DYYDLYGGEK	44	>PTPN11-D6: YYYDLYGGEK	4	40
>PTPN11-D6: DYYDLYGGEK	1039	>PTPN11-D6: YYYDLYGGEK	43	996
>PTPN11-D6: DYYDLYGGEK	3577	>PTPN11-D6: YYYDLYGGEK	317	3260
>PTPN11-D6: DYYDLYGGEK	4229	>PTPN11-D6: YYYDLYGGEK	151	4078
>PTPN11-D6: DYYDLYGGEK	8580	>PTPN11-D6: YYYDLYGGEK	263	8317
>PTPN11-D6: DYYDLYGGEK	2062	>PTPN11-D6: YYYDLYGGEK	329	1733
>PTPN11-D6: VTHIKIQNTG	33997	>PTPN11-D6: VTHIKIQNTG	279	33718
>PTPN11-D6: VTHIKIQNTG	26916	>PTPN11-D6: VTHIKIQNTG	168	26748
>PTPN11-D6: VTHIKIQNTG	7775	>PTPN11-D6: VTHIKIQNTG	3	7772
>PTPN11-D6: VTHIKIQNTG	26601	>PTPN11-D6: VTHIKIQNTG	338	26263
>PTPN11-D6: TGDYYDLY	200	>PTPN11-D6: TGYYYDLY	13515	13315
>PTPN11-D6: TGDYYDLY	1135	>PTPN11-D6: TGYYYDLY	53	1082
>PTPN11-D6: TGDYYDLY	968	>PTPN11-D6: TGYYYDLY	300	668
>PTPN11-D6: TGDYYDLY	1412	>PTPN11-D6: TGYYYDLY	313	1099
>PTPN11-D6: NTGDYYDLY	33	>PTPN11-D6: NTGYYDLY	47	14
>PTPN11-D6: NTGDYYDLY	429	>PTPN11-D6: NTGYYDLY	369	60
>PTPN11-D6: NTGDYYDLY	40	>PTPN11-D6: NTGYYDLY	38	2
>PTPN11-D6: NTGDYYDLY	213	>PTPN11-D6: NTGYYDLY	201	12
>PTPN11-D6: NTGDYYDL	482	>PTPN11-D6: NTGYYDL	327	155
>PTPN11-D6: NTGDYYDL	425	>PTPN11-D6: NTGYYDL	1136	711
>PTPN11-D6: NTGDYYDLY	255	>PTPN11-D6: NTGYYDLY	108	147
>PTPN11-D6: NTGDYYDLY	249	>PTPN11-D6: NTGYYDLY	132	117
>PTPN11-D6: IQNTGDYYDL	568	>PTPN11-D6: IQNTGYYDL	222	346
>PTPN11-D6: IQNTGDYY	329	>PTPN11-D6: IQNTGYYY	35	294
>PTPN11-D6: IQNTGDYYDL	132	>PTPN11-D6: IQNTGYYDL	110	22
>PTPN11-D6: IQNTGDYY	23	>PTPN11-D6: IQNTGYYY	12	11



>PTPN11-D6: IQNTGDYYDL	42	>PTPN11-D6: IQNTGYYYDL	45	3
>PTPN11-D6: IQNTGDYY	73	>PTPN11-D6: IQNTGYYY	59	14
>PTPN11-D6: IQNTGDYYDL	124	>PTPN11-D6: IQNTGYYYDL	124	0
>PTPN11-D6: IQNTGDYY	245	>PTPN11-D6: IQNTGYYY	356	111
>PTPN11-D6: IQNTGDYY	27	>PTPN11-D6: IQNTGYYY	6	21
>PTPN11-D6: IQNTGDYYDL	132	>PTPN11-D6: IQNTGYYYDL	37	95
>PTPN11-D6: IQNTGDYYDL	50	>PTPN11-D6: IQNTGYYYDL	17	33
>PTPN11-D6: IQNTGDYYDL	890	>PTPN11-D6: IQNTGYYYDL	390	500
>PTPN11-D6: KIQNTGDYYC	452	>PTPN11-D6: KIQNTGYYD	190	262
>PTPN11-D6: KIQNTGDY	3931	>PTPN11-D6: KIQNTGYY	171	3760
>PTPN11-D6: KIQNTGDYY	212	>PTPN11-D6: KIQNTGYYY	29	183
>PTPN11-D6: KIQNTGDY	797	>PTPN11-D6: KIQNTGYY	124	673
>PTPN11-D6: KIQNTGDYY	816	>PTPN11-D6: KIQNTGYYY	22	794
>PTPN11-D6: KIQNTGDY	30	>PTPN11-D6: KIQNTGYY	11	19
>PTPN11-D6: KIQNTGDYY	32	>PTPN11-D6: KIQNTGYYY	8	24
>PTPN11-D6: KIQNTGDYY	7724	>PTPN11-D6: KIQNTGYYY	302	7422
>PTPN11-D6: KIQNTGDYYC	219	>PTPN11-D6: KIQNTGYYD	71	148
>PTPN11-D6: KIQNTGDY	113	>PTPN11-D6: KIQNTGYY	43	70
>PTPN11-D6: KIQNTGDYY	332	>PTPN11-D6: KIQNTGYYY	38	294
>PTPN11-D6: KIQNTGDY	453	>PTPN11-D6: KIQNTGYY	169	284
>PTPN11-D6: KIQNTGDYY	229	>PTPN11-D6: KIQNTGYYY	113	116
>PTPN11-D6: KIQNTGDYY	1230	>PTPN11-D6: KIQNTGYYY	376	854
>PTPN11-D6: KIQNTGDYY	2193	>PTPN11-D6: KIQNTGYYY	481	1712
>PTPN11-D6: KIQNTGDYY	135	>PTPN11-D6: KIQNTGYYY	170	35
>PTPN11-D6: KIQNTGDYY	4341	>PTPN11-D6: KIQNTGYYY	366	3975
>PTPN11-D6: KIQNTGDY	813	>PTPN11-D6: KIQNTGYY	316	497
>PTPN11-D6: KIQNTGDYY	478	>PTPN11-D6: KIQNTGYYY	85	393
>PTPN11-D6: IKIQNTGDY	416	>PTPN11-D6: IKIQNTGYY	99	317
>PTPN11-D6: IKIQNTGDYY	627	>PTPN11-D6: IKIQNTGYYY	54	573
>PTPN11-D6: IKIQNTGDY	165	>PTPN11-D6: IKIQNTGYY	46	119
>PTPN11-D6: IKIQNTGDYY	248	>PTPN11-D6: IKIQNTGYYY	41	207
>PTPN11-D6: IKIQNTGD	11412	>PTPN11-D6: IKIQNTGY	10	11402
>PTPN11-D6: IKIQNTGDY	37	>PTPN11-D6: IKIQNTGYY	23	14
>PTPN11-D6: IKIQNTGDYY	13	>PTPN11-D6: IKIQNTGYYY	7	6
>PTPN11-D6: HIKIQNTGDY	714	>PTPN11-D6: HIKIQNTGYY	489	225
>PTPN11-D6: HIKIQNTGD	21263	>PTPN11-D6: HIKIQNTGY	299	20964
>PTPN11-D6: HIKIQNTGDY	2077	>PTPN11-D6: HIKIQNTGYY	378	1699
>PTPN11-D6: HIKIQNTGDY	889	>PTPN11-D6: HIKIQNTGYY	96	793
>PTPN11-D6: HIKIQNTGDY	1625	>PTPN11-D6: HIKIQNTGYY	103	1522
>PTPN11-D6: HIKIQNTGDY	472	>PTPN11-D6: HIKIQNTGYY	93	379
>PTPN11-D6: HIKIQNTGD	31937	>PTPN11-D6: HIKIQNTGY	488	31449
>PTPN11-D6: HIKIQNTGDY	257	>PTPN11-D6: HIKIQNTGYY	110	147
>PTPN11-D6: HIKIQNTGDY	197	>PTPN11-D6: HIKIQNTGYY	64	133

>PTPN11-D6:HIKIQTGDY	440	>PTPN11-D6:HIKIQTGY	275	165
>PTPN11-D6:HIKIQTGDY	1468	>PTPN11-D6:HIKIQTGY	340	1128
>PTPN11-D6:HIKIQTGD	22001	>PTPN11-D6:HIKIQTGY	347	21654
>PTPN11-D6:HIKIQTGDY	654	>PTPN11-D6:HIKIQTGY	295	359
>PTPN11-D6:HIKIQTGDY	402	>PTPN11-D6:HIKIQTGY	229	173
>PTPN11-D6:HIKIQTGD	30734	>PTPN11-D6:HIKIQTGY	282	30452
>PTPN11-D6:HIKIQTGDY	273	>PTPN11-D6:HIKIQTGY	256	17
>PTPN11-D6:HIKIQTGDY	297	>PTPN11-D6:HIKIQTGY	304	7
>PTPN11-D6:HIKIQTGD	25664	>PTPN11-D6:HIKIQTGY	347	25317
>PTPN11-D6:HIKIQTGDY	1468	>PTPN11-D6:HIKIQTGY	327	1141
>PTPN11-D6:HIKIQTGDY	564	>PTPN11-D6:HIKIQTGY	127	437
>PTPN11-D6:THIKIQTGD	281	>PTPN11-D6:THIKIQTGY	87	194
>PTPN11-D6:THIKIQTGD	247	>PTPN11-D6:THIKIQTGY	85	162
>PTPN11-D6:THIKIQTGD	301	>PTPN11-D6:THIKIQTGY	177	124
>PTPN11-E1:ESQSHPGDF	65	>PTPN11-E1:DSQSHPGDF	420	355
>PTPN11-E1:ESQSHPGDF\	423	>PTPN11-E1:DSQSHPGDF\	2108	1685
>PTPN11-E1:ESQSHPGDF\	486	>PTPN11-E1:DSQSHPGDF\	2550	2064
>PTPN11-E1:RESQSHPGDI	302	>PTPN11-E1:RDSQSHPGDI	6314	6012
>PTPN11-E1:RESQSHPGDI	84	>PTPN11-E1:RDSQSHPGDI	688	604
>PTPN11-E1:RESQSHPGDI	18	>PTPN11-E1:RDSQSHPGDI	13334	13316
>PTPN11-E1:RESQSHPGDI	398	>PTPN11-E1:RDSQSHPGDI	21210	20812
>PTPN11-E1:RESQSHPGDI	162	>PTPN11-E1:RDSQSHPGDI	2199	2037
>PTPN11-E1:RESQSHPGDI	375	>PTPN11-E1:RDSQSHPGDI	13111	12736
>PTPN11-E1:RESQSHPG	271	>PTPN11-E1:RDSQSHPG	24475	24204
>PTPN11-E1:RESQSHPGD	477	>PTPN11-E1:RDSQSHPGD	28043	27566
>PTPN11-E1:RESQSHPGDI	53	>PTPN11-E1:RDSQSHPGDI	11334	11281
>PTPN11-E1:RESQSHPGDI	247	>PTPN11-E1:RDSQSHPGDI	349	102
>PTPN11-E1:RESQSHPGDI	129	>PTPN11-E1:RDSQSHPGDI	7630	7501
>PTPN11-E1:RESQSHPGDI	49	>PTPN11-E1:RDSQSHPGDI	3178	3129
>PTPN11-E1:RESQSHPGDI	13171	>PTPN11-E1:RDSQSHPGDI	420	12751
>PTPN11-E1:LVRESQSHP	487	>PTPN11-E1:LVRDSQSHP	380	107
>PTPN11-E1:LVRESQSHPG	46	>PTPN11-E1:LVRDSQSHPG	40	6
>PTPN11-E1:FLVRESQS	418	>PTPN11-E1:FLVRDSQS	574	156
>PTPN11-E1:FLVRESQSHP	124	>PTPN11-E1:FLVRDSQSHP	168	44
>PTPN11-E1:FLVRESQS	138	>PTPN11-E1:FLVRDSQS	133	5
>PTPN11-E1:FLVRESQSHP	443	>PTPN11-E1:FLVRDSQSHP	326	117
>PTPN11-E1:GSFLVRESQS	187	>PTPN11-E1:GSFLVRDSQS	187	0
>PTPN11-E6:GKFATLAEL	36	>PTPN11-E6:GKFATLAEL	22	14
>PTPN11-E6:GKFATLAELV	324	>PTPN11-E6:GKFATLAELV	204	120
>PTPN11-E6:GKFATLAEL	89	>PTPN11-E6:GKFATLAEL	480	391
>PTPN11-E6:GKGFATLA	283	>PTPN11-E6:GKGFATLA	39837	39554
>PTPN11-E6:GKGFATLAEL	114	>PTPN11-E6:GKGFATLAEL	21430	21316
>PTPN11-E6:GKGFATLAEL	110	>PTPN11-E6:GKGFATLAEL	23265	23155

>PTPN11-E6 <sup>9</sup> GEKFATLA	277	>PTPN11-E6 <sup>9</sup> GGKFATLA	38664	38387
>PTPN11-E6 <sup>9</sup> GEKFATLAEL	173	>PTPN11-E6 <sup>9</sup> GGKFATLAEL	34651	34478
>PTPN11-E6 <sup>9</sup> GEKFATLAEL'	367	>PTPN11-E6 <sup>9</sup> GGKFATLAEL	37772	37405
>PTPN11-E6 <sup>9</sup> GEKFATLA	55	>PTPN11-E6 <sup>9</sup> GGKFATLA	36378	36323
>PTPN11-E6 <sup>9</sup> GEKFATLAEL'	309	>PTPN11-E6 <sup>9</sup> GGKFATLAEL	40844	40535
>PTPN11-E6 <sup>9</sup> GEKFATLAEL	478	>PTPN11-E6 <sup>9</sup> GGKFATLAEL	37002	36524
>PTPN11-E6 <sup>9</sup> GEKFATLAEL'	9	>PTPN11-E6 <sup>9</sup> GGKFATLAEL	20513	20504
>PTPN11-E6 <sup>9</sup> YGGEKFATL	410	>PTPN11-E6 <sup>9</sup> YGGGKFATL	1463	1053
>PTPN11-E6 <sup>9</sup> YGGEKFATL	121	>PTPN11-E6 <sup>9</sup> YGGGKFATL	232	111
>PTPN11-E6 <sup>9</sup> LYGGEKFATL	4237	>PTPN11-E6 <sup>9</sup> LYGGGKFATL	470	3767
>PTPN11-E6 <sup>9</sup> LYGGEKFATL	7	>PTPN11-E6 <sup>9</sup> LYGGGKFATL	7	0
>PTPN11-E6 <sup>9</sup> DLYGGEKFA	494	>PTPN11-E6 <sup>9</sup> DLYGGGKFA	208	286
>PTPN11-E6 <sup>9</sup> DLYGGEKFAT	31	>PTPN11-E6 <sup>9</sup> DLYGGGKFA	25	6
>PTPN11-E6 <sup>9</sup> DLYGGEKFAT	396	>PTPN11-E6 <sup>9</sup> DLYGGGKFA	443	47
>PTPN11-E6 <sup>9</sup> DLYGGEKFA	293	>PTPN11-E6 <sup>9</sup> DLYGGGKFA	289	4
>PTPN11-E6 <sup>9</sup> DLYGGEKFAT	66	>PTPN11-E6 <sup>9</sup> DLYGGGKFA	90	24
>PTPN11-E6 <sup>9</sup> DLYGGEKFAT	205	>PTPN11-E6 <sup>9</sup> DLYGGGKFA	225	20
>PTPN11-E6 <sup>9</sup> DLYGGEKFA	143	>PTPN11-E6 <sup>9</sup> DLYGGGKFA	159	16
>PTPN11-E6 <sup>9</sup> DLYGGEKFAT	653	>PTPN11-E6 <sup>9</sup> DLYGGGKFA	447	206
>PTPN11-E6 <sup>9</sup> DLYGGEKFAT	11	>PTPN11-E6 <sup>9</sup> DLYGGGKFA	12	1
>PTPN11-E6 <sup>9</sup> DLYGGEKF	82	>PTPN11-E6 <sup>9</sup> DLYGGGKF	29	53
>PTPN11-E6 <sup>9</sup> YDLYGGEKF	803	>PTPN11-E6 <sup>9</sup> YDLYGGGKF	314	489
>PTPN11-E6 <sup>9</sup> YDLYGGEKF	303	>PTPN11-E6 <sup>9</sup> YDLYGGGKF	1189	886
>PTPN11-E6 <sup>9</sup> YDLYGGEKF	183	>PTPN11-E6 <sup>9</sup> YDLYGGGKF	136	47
>PTPN11-E6 <sup>9</sup> YYDLYGGEKF	31	>PTPN11-E6 <sup>9</sup> YYDLYGGGKF	31	0
>PTPN11-E6 <sup>9</sup> YYDLYGGEKF	76	>PTPN11-E6 <sup>9</sup> YYDLYGGGKF	75	1
>PTPN11-E6 <sup>9</sup> YYDLYGGEKF	7	>PTPN11-E6 <sup>9</sup> YYDLYGGGKF	10	3
>PTPN11-E6 <sup>9</sup> YYDLYGGEKF	47	>PTPN11-E6 <sup>9</sup> YYDLYGGGKF	38	9
>PTPN11-E6 <sup>9</sup> DYYDLYGGEK	108	>PTPN11-E6 <sup>9</sup> DYYDLYGGG	280	172
>PTPN11-E6 <sup>9</sup> DYYDLYGGEK	44	>PTPN11-E6 <sup>9</sup> DYYDLYGGG	52	8
>PTPN11-E6 <sup>9</sup> EKFATLAEL	3247	>PTPN11-E6 <sup>9</sup> KKFATLAEL	300	2947
>PTPN11-E6 <sup>9</sup> EKFATLAEL	6533	>PTPN11-E6 <sup>9</sup> KKFATLAEL	303	6230
>PTPN11-E6 <sup>9</sup> EKFATLAE	2737	>PTPN11-E6 <sup>9</sup> KKFATLAE	216	2521
>PTPN11-E6 <sup>9</sup> EKFATLAEL	36	>PTPN11-E6 <sup>9</sup> KKFATLAEL	5	31
>PTPN11-E6 <sup>9</sup> EKFATLAELV	324	>PTPN11-E6 <sup>9</sup> KKFATLAELV	29	295
>PTPN11-E6 <sup>9</sup> EKFATLAELV(	1494	>PTPN11-E6 <sup>9</sup> KKFATLAELV(	147	1347
>PTPN11-E6 <sup>9</sup> EKFATLAEL	89	>PTPN11-E6 <sup>9</sup> KKFATLAEL	414	325
>PTPN11-E6 <sup>9</sup> EKFATLAEL	8171	>PTPN11-E6 <sup>9</sup> KKFATLAEL	419	7752
>PTPN11-E6 <sup>9</sup> GEKFATLA	283	>PTPN11-E6 <sup>9</sup> GKKFATLA	30681	30398
>PTPN11-E6 <sup>9</sup> GEKFATLAEL'	114	>PTPN11-E6 <sup>9</sup> GKKFATLAEL'	9623	9509
>PTPN11-E6 <sup>9</sup> GEKFATLAEL	8155	>PTPN11-E6 <sup>9</sup> GKKFATLAEL	241	7914
>PTPN11-E6 <sup>9</sup> GEKFATLAEL'	110	>PTPN11-E6 <sup>9</sup> GKKFATLAEL'	19803	19693
>PTPN11-E6 <sup>9</sup> GEKFATLA	277	>PTPN11-E6 <sup>9</sup> GKKFATLA	32811	32534

>PTPN11-E6 <sup>9</sup> GEKFATLAEL	173	>PTPN11-E6 <sup>9</sup> GKKFATLAEL	26244	26071
>PTPN11-E6 <sup>9</sup> GEKFATLAEL'	367	>PTPN11-E6 <sup>9</sup> GKKFATLAEL'	31469	31102
>PTPN11-E6 <sup>9</sup> GEKFATLA	55	>PTPN11-E6 <sup>9</sup> GKKFATLA	22855	22800
>PTPN11-E6 <sup>9</sup> GEKFATLAEL'	309	>PTPN11-E6 <sup>9</sup> GKKFATLAEL'	32639	32330
>PTPN11-E6 <sup>9</sup> GEKFATLAEL	478	>PTPN11-E6 <sup>9</sup> GKKFATLAEL	27920	27442
>PTPN11-E6 <sup>9</sup> GEKFATLAEL'	9	>PTPN11-E6 <sup>9</sup> GKKFATLAEL'	6482	6473
>PTPN11-E6 <sup>9</sup> YGGEKFATL	410	>PTPN11-E6 <sup>9</sup> YGGKKFATL	3638	3228
>PTPN11-E6 <sup>9</sup> YGGEKFATL	121	>PTPN11-E6 <sup>9</sup> YGGKKFATL	47	74
>PTPN11-E6 <sup>9</sup> LYGGEKFATL	7	>PTPN11-E6 <sup>9</sup> LYGGKKFATL	9	2
>PTPN11-E6 <sup>9</sup> DLYGGEKFA	494	>PTPN11-E6 <sup>9</sup> DLYGGKKFA	595	101
>PTPN11-E6 <sup>9</sup> DLYGGEKFAT	31	>PTPN11-E6 <sup>9</sup> DLYGGKKFAT	50	19
>PTPN11-E6 <sup>9</sup> DLYGGEKFAT	396	>PTPN11-E6 <sup>9</sup> DLYGGKKFAT	728	332
>PTPN11-E6 <sup>9</sup> DLYGGEKFA	293	>PTPN11-E6 <sup>9</sup> DLYGGKKFA	726	433
>PTPN11-E6 <sup>9</sup> DLYGGEKFAT	66	>PTPN11-E6 <sup>9</sup> DLYGGKKFAT	146	80
>PTPN11-E6 <sup>9</sup> DLYGGEKFAT	205	>PTPN11-E6 <sup>9</sup> DLYGGKKFAT	431	226
>PTPN11-E6 <sup>9</sup> DLYGGEKFA	143	>PTPN11-E6 <sup>9</sup> DLYGGKKFA	158	15
>PTPN11-E6 <sup>9</sup> DLYGGEKFAT	11	>PTPN11-E6 <sup>9</sup> DLYGGKKFAT	14	3
>PTPN11-E6 <sup>9</sup> DLYGGEKF	82	>PTPN11-E6 <sup>9</sup> DLYGGKKF	57	25
>PTPN11-E6 <sup>9</sup> YDLYGGEKF	303	>PTPN11-E6 <sup>9</sup> YDLYGGKKF	137	166
>PTPN11-E6 <sup>9</sup> YDLYGGEKF	183	>PTPN11-E6 <sup>9</sup> YDLYGGKKF	307	124
>PTPN11-E6 <sup>9</sup> YYDLYGGEKF	31	>PTPN11-E6 <sup>9</sup> YYDLYGGKKF	35	4
>PTPN11-E6 <sup>9</sup> YYDLYGGEKF	76	>PTPN11-E6 <sup>9</sup> YYDLYGGKKF	106	30
>PTPN11-E6 <sup>9</sup> YYDLYGGEKF	7	>PTPN11-E6 <sup>9</sup> YYDLYGGKKF	11	4
>PTPN11-E6 <sup>9</sup> YYDLYGGEKF	47	>PTPN11-E6 <sup>9</sup> YYDLYGGKKF	52	5
>PTPN11-E6 <sup>9</sup> DYYDLYGGEK	108	>PTPN11-E6 <sup>9</sup> DYYDLYGGKK	188	80
>PTPN11-E6 <sup>9</sup> DYYDLYGGEK	44	>PTPN11-E6 <sup>9</sup> DYYDLYGGKK	66	22
>PTPN11-E6 <sup>9</sup> DYYDLYGGE	3067	>PTPN11-E6 <sup>9</sup> DYYDLYGGK	80	2987
>PTPN11-E6 <sup>9</sup> DYYDLYGGE	18466	>PTPN11-E6 <sup>9</sup> DYYDLYGGK	393	18073
>PTPN11-E6 <sup>9</sup> DYYDLYGGE	16977	>PTPN11-E6 <sup>9</sup> DYYDLYGGK	311	16666
>PTPN11-E6 <sup>9</sup> EKFATLAELV	5173	>PTPN11-E6 <sup>9</sup> VKFATLAELV	469	4704
>PTPN11-E6 <sup>9</sup> EKFATLAEL	36	>PTPN11-E6 <sup>9</sup> VKFATLAEL	11	25
>PTPN11-E6 <sup>9</sup> EKFATLAELV	324	>PTPN11-E6 <sup>9</sup> VKFATLAELV	65	259
>PTPN11-E6 <sup>9</sup> EKFATLAELV'	1494	>PTPN11-E6 <sup>9</sup> VKFATLAELV'	342	1152
>PTPN11-E6 <sup>9</sup> EKFATLAEL	89	>PTPN11-E6 <sup>9</sup> VKFATLAEL	294	205
>PTPN11-E6 <sup>9</sup> GEKFATLA	283	>PTPN11-E6 <sup>9</sup> GVKFATLA	40756	40473
>PTPN11-E6 <sup>9</sup> GEKFATLAEL'	114	>PTPN11-E6 <sup>9</sup> GVKFATLAEL'	21396	21282
>PTPN11-E6 <sup>9</sup> GEKFATLA	11711	>PTPN11-E6 <sup>9</sup> GVKFATLA	446	11265
>PTPN11-E6 <sup>9</sup> GEKFATLAEL'	7699	>PTPN11-E6 <sup>9</sup> GVKFATLAEL'	151	7548
>PTPN11-E6 <sup>9</sup> GEKFATLA	11921	>PTPN11-E6 <sup>9</sup> GVKFATLA	165	11756
>PTPN11-E6 <sup>9</sup> GEKFATLAEL	12031	>PTPN11-E6 <sup>9</sup> GVKFATLAEL	95	11936
>PTPN11-E6 <sup>9</sup> GEKFATLAEL'	110	>PTPN11-E6 <sup>9</sup> GVKFATLAEL'	22735	22625
>PTPN11-E6 <sup>9</sup> GEKFATLA	277	>PTPN11-E6 <sup>9</sup> GVKFATLA	38894	38617
>PTPN11-E6 <sup>9</sup> GEKFATLAEL	173	>PTPN11-E6 <sup>9</sup> GVKFATLAEL	34091	33918

>PTPN11-E6ϑGEKFATLAEL'	367	>PTPN11-E6ϑGVKFATLAEL'	38000	37633
>PTPN11-E6ϑGEKFATLA	55	>PTPN11-E6ϑGVKFATLA	35078	35023
>PTPN11-E6ϑGEKFATLAEL'	309	>PTPN11-E6ϑGVKFATLAEL'	39527	39218
>PTPN11-E6ϑGEKFATLAEL	478	>PTPN11-E6ϑGVKFATLAEL	35785	35307
>PTPN11-E6ϑGEKFATLAEL'	9	>PTPN11-E6ϑGVKFATLAEL'	17244	17235
>PTPN11-E6ϑGGEKFATL	2795	>PTPN11-E6ϑGGVKFATL	123	2672
>PTPN11-E6ϑYGGEKFATL	653	>PTPN11-E6ϑYGGVKFATL	318	335
>PTPN11-E6ϑYGGEKFATL	410	>PTPN11-E6ϑYGGVKFATL	3013	2603
>PTPN11-E6ϑYGGEKFATL	121	>PTPN11-E6ϑYGGVKFATL	79	42
>PTPN11-E6ϑLYGGEKFATL	4237	>PTPN11-E6ϑLYGGVKFATL	343	3894
>PTPN11-E6ϑLYGGEKFATL	2750	>PTPN11-E6ϑLYGGVKFATL	481	2269
>PTPN11-E6ϑLYGGEKFATL	7	>PTPN11-E6ϑLYGGVKFATL	7	0
>PTPN11-E6ϑDLYGGEKFA	6925	>PTPN11-E6ϑDLYGGVKFA	381	6544
>PTPN11-E6ϑDLYGGEKFAT	1178	>PTPN11-E6ϑDLYGGVKFAT	468	710
>PTPN11-E6ϑDLYGGEKFA	494	>PTPN11-E6ϑDLYGGVKFA	38	456
>PTPN11-E6ϑDLYGGEKFAT	1024	>PTPN11-E6ϑDLYGGVKFAT	163	861
>PTPN11-E6ϑDLYGGEKFAT	31	>PTPN11-E6ϑDLYGGVKFAT	18	13
>PTPN11-E6ϑDLYGGEKFAT	396	>PTPN11-E6ϑDLYGGVKFAT	290	106
>PTPN11-E6ϑDLYGGEKFA	293	>PTPN11-E6ϑDLYGGVKFA	88	205
>PTPN11-E6ϑDLYGGEKFAT	66	>PTPN11-E6ϑDLYGGVKFAT	64	2
>PTPN11-E6ϑDLYGGEKFA	3193	>PTPN11-E6ϑDLYGGVKFA	442	2751
>PTPN11-E6ϑDLYGGEKFAT	205	>PTPN11-E6ϑDLYGGVKFAT	76	129
>PTPN11-E6ϑDLYGGEKFA	143	>PTPN11-E6ϑDLYGGVKFA	47	96
>PTPN11-E6ϑDLYGGEKFAT	653	>PTPN11-E6ϑDLYGGVKFAT	397	256
>PTPN11-E6ϑDLYGGEKFAT	11	>PTPN11-E6ϑDLYGGVKFAT	9	2
>PTPN11-E6ϑDLYGGEKF	82	>PTPN11-E6ϑDLYGGVKF	67	15
>PTPN11-E6ϑYDLYGGEK	2313	>PTPN11-E6ϑYDLYGGVK	268	2045
>PTPN11-E6ϑYDLYGGEKF	303	>PTPN11-E6ϑYDLYGGVKF	83	220
>PTPN11-E6ϑYDLYGGEKF	183	>PTPN11-E6ϑYDLYGGVKF	420	237
>PTPN11-E6ϑYYDLYGGE	28933	>PTPN11-E6ϑYYDLYGGV	297	28636
>PTPN11-E6ϑYYDLYGGEKF	31	>PTPN11-E6ϑYYDLYGGVKF	20	11
>PTPN11-E6ϑYYDLYGGEKF	76	>PTPN11-E6ϑYYDLYGGVKF	47	29
>PTPN11-E6ϑYYDLYGGEKF	7	>PTPN11-E6ϑYYDLYGGVKF	7	0
>PTPN11-E6ϑYYDLYGGEKF	47	>PTPN11-E6ϑYYDLYGGVKF	26	21
>PTPN11-E6ϑDYYDLYGGEK	108	>PTPN11-E6ϑDYYDLYGGVK	96	12
>PTPN11-E6ϑDYYDLYGGEK	44	>PTPN11-E6ϑDYYDLYGGVK	35	9
>PTPN11-E6ϑDYYDLYGGE	19878	>PTPN11-E6ϑDYYDLYGGV	342	19536
>PTPN11-E6ϑGDYYDLYGGE	27744	>PTPN11-E6ϑGDYYDLYGGV	265	27479
>PTPN11-E7ϕELVQYYMEHI	139	>PTPN11-E7ϕALVQYYMEH	1357	1218
>PTPN11-E7ϕAELVQYYM	3395	>PTPN11-E7ϕAALVQYYM	35	3360
>PTPN11-E7ϕAELVQYYM	23557	>PTPN11-E7ϕAALVQYYM	252	23305
>PTPN11-E7ϕAELVQYYM	206	>PTPN11-E7ϕAALVQYYM	21710	21504
>PTPN11-E7ϕAELVQYYM	34	>PTPN11-E7ϕAALVQYYM	29343	29309

>PTPN11-E7(AELVQYYM	278	>PTPN11-E7(AALVQYYM	18651	18373
>PTPN11-E7(AELVQYYM	121	>PTPN11-E7(AALVQYYM	27888	27767
>PTPN11-E7(AELVQYYMEI	424	>PTPN11-E7(AALVQYYMEI	22445	22021
>PTPN11-E7(AELVQYYM	148	>PTPN11-E7(AALVQYYM	28528	28380
>PTPN11-E7(AELVQYYME	269	>PTPN11-E7(AALVQYYME	30015	29746
>PTPN11-E7(AELVQYYM	78	>PTPN11-E7(AALVQYYM	11035	10957
>PTPN11-E7(LAELVQYY	266	>PTPN11-E7(LAALVQYY	1496	1230
>PTPN11-E7(LAELVQYYM	2529	>PTPN11-E7(LAALVQYYM	239	2290
>PTPN11-E7(LAELVQYY	1220	>PTPN11-E7(LAALVQYY	97	1123
>PTPN11-E7(LAELVQYY	845	>PTPN11-E7(LAALVQYY	170	675
>PTPN11-E7(LAELVQYY	4341	>PTPN11-E7(LAALVQYY	430	3911
>PTPN11-E7(LAELVQYYM	5669	>PTPN11-E7(LAALVQYYM	133	5536
>PTPN11-E7(LAELVQYY	5090	>PTPN11-E7(LAALVQYY	446	4644
>PTPN11-E7(LAELVQYY	293	>PTPN11-E7(LAALVQYY	86	207
>PTPN11-E7(LAELVQYY	240	>PTPN11-E7(LAALVQYY	68	172
>PTPN11-E7(LAELVQYYM	711	>PTPN11-E7(LAALVQYYM	161	550
>PTPN11-E7(LAELVQYY	3201	>PTPN11-E7(LAALVQYY	33	3168
>PTPN11-E7(LAELVQYYM	984	>PTPN11-E7(LAALVQYYM	18	966
>PTPN11-E7(LAELVQYYM	420	>PTPN11-E7(LAALVQYYM	124	296
>PTPN11-E7(TLAELVQYYM	36	>PTPN11-E7(TLAALVQYYM	54	18
>PTPN11-E7(TLAELVQYY	296	>PTPN11-E7(TLAALVQYY	461	165
>PTPN11-E7(TLAELVQYYM	13	>PTPN11-E7(TLAALVQYYM	14	1
>PTPN11-E7(TLAELVQYYM	448	>PTPN11-E7(TLAALVQYYM	383	65
>PTPN11-E7(TLAELVQYY	179	>PTPN11-E7(TLAALVQYY	1116	937
>PTPN11-E7(TLAELVQYYM	7	>PTPN11-E7(TLAALVQYYM	18	11
>PTPN11-E7(TLAELVQYYM	25	>PTPN11-E7(TLAALVQYYM	135	110
>PTPN11-E7(TLAELVQYYM	21	>PTPN11-E7(TLAALVQYYM	53	32
>PTPN11-E7(TLAELVQYYM	7	>PTPN11-E7(TLAALVQYYM	17	10
>PTPN11-E7(TLAELVQYY	389	>PTPN11-E7(TLAALVQYY	1086	697
>PTPN11-E7(TLAELVQYYM	26	>PTPN11-E7(TLAALVQYYM	56	30
>PTPN11-E7(TLAELVQY	1185	>PTPN11-E7(TLAALVQY	482	703
>PTPN11-E7(TLAELVQYY	504	>PTPN11-E7(TLAALVQYY	224	280
>PTPN11-E7(TLAELVQYY	248	>PTPN11-E7(TLAALVQYY	1517	1269
>PTPN11-E7(TLAELVQY	243	>PTPN11-E7(TLAALVQY	398	155
>PTPN11-E7(TLAELVQYY	80	>PTPN11-E7(TLAALVQYY	158	78
>PTPN11-E7(TLAELVQY	64	>PTPN11-E7(TLAALVQY	44	20
>PTPN11-E7(TLAELVQYY	40	>PTPN11-E7(TLAALVQYY	26	14
>PTPN11-E7(TLAELVQY	681	>PTPN11-E7(TLAALVQY	484	197
>PTPN11-E7(TLAELVQYY	262	>PTPN11-E7(TLAALVQYY	186	76
>PTPN11-E7(TLAELVQYYM	497	>PTPN11-E7(TLAALVQYYM	239	258
>PTPN11-E7(TLAELVQYYM	91	>PTPN11-E7(TLAALVQYYM	373	282
>PTPN11-E7(TLAELVQY	182	>PTPN11-E7(TLAALVQY	77	105
>PTPN11-E7(TLAELVQYY	32	>PTPN11-E7(TLAALVQYY	15	17

>PTPN11-E7€TLAELVQY	204	>PTPN11-E7€TLAALVQY	127	77
>PTPN11-E7€TLAELVQYY	102	>PTPN11-E7€TLAALVQYY	72	30
>PTPN11-E7€TLAELVQY	332	>PTPN11-E7€TLAALVQY	180	152
>PTPN11-E7€TLAELVQYY	207	>PTPN11-E7€TLAALVQYY	130	77
>PTPN11-E7€TLAELVQYYM	291	>PTPN11-E7€TLAALVQYYM	250	41
>PTPN11-E7€TLAELVQY	482	>PTPN11-E7€TLAALVQY	562	80
>PTPN11-E7€TLAELVQYY	700	>PTPN11-E7€TLAALVQYY	262	438
>PTPN11-E7€ATLAELVQYY	4378	>PTPN11-E7€ATLAALVQYY	121	4257
>PTPN11-E7€ATLAELVQYY	167	>PTPN11-E7€ATLAALVQYY	100	67
>PTPN11-E7€ATLAELVQYY	442	>PTPN11-E7€ATLAALVQYY	320	122
>PTPN11-E7€ATLAELVQYY	285	>PTPN11-E7€ATLAALVQYY	184	101
>PTPN11-E7€ATLAELVQYY	247	>PTPN11-E7€ATLAALVQYY	210	37
>PTPN11-E7€ATLAELVQYY	371	>PTPN11-E7€ATLAALVQYY	102	269
>PTPN11-E7€ATLAELVQY	112	>PTPN11-E7€ATLAALVQY	64	48
>PTPN11-E7€ATLAELVQYY	73	>PTPN11-E7€ATLAALVQYY	30	43
>PTPN11-E7€ATLAELVQYY	152	>PTPN11-E7€ATLAALVQYY	149	3
>PTPN11-E7€ATLAELVQY	8	>PTPN11-E7€ATLAALVQY	9	1
>PTPN11-E7€ATLAELVQYY	8	>PTPN11-E7€ATLAALVQYY	8	0
>PTPN11-E7€ATLAELVQYY	28	>PTPN11-E7€ATLAALVQYY	27	1
>PTPN11-E7€ATLAELVQY	70	>PTPN11-E7€ATLAALVQY	62	8
>PTPN11-E7€ATLAELVQYY	196	>PTPN11-E7€ATLAALVQYY	110	86
>PTPN11-E7€ATLAELVQY	3407	>PTPN11-E7€ATLAALVQY	472	2935
>PTPN11-E7€ATLAELVQYY	930	>PTPN11-E7€ATLAALVQYY	166	764
>PTPN11-E7€ATLAELVQYY	781	>PTPN11-E7€ATLAALVQYY	153	628
>PTPN11-E7€ATLAELVQYY	72	>PTPN11-E7€ATLAALVQYY	36	36
>PTPN11-E7€ATLAELVQY	342	>PTPN11-E7€ATLAALVQY	302	40
>PTPN11-E7€ATLAELVQYY	363	>PTPN11-E7€ATLAALVQYY	126	237
>PTPN11-E7€ATLAELVQY	256	>PTPN11-E7€ATLAALVQY	369	113
>PTPN11-E7€ATLAELVQYY	70	>PTPN11-E7€ATLAALVQYY	79	9
>PTPN11-E7€ATLAELVQY	939	>PTPN11-E7€ATLAALVQY	346	593
>PTPN11-E7€ATLAELVQYY	556	>PTPN11-E7€ATLAALVQYY	247	309
>PTPN11-E7€ATLAELVQY	546	>PTPN11-E7€ATLAALVQY	318	228
>PTPN11-E7€ATLAELVQYY	290	>PTPN11-E7€ATLAALVQYY	186	104
>PTPN11-E7€ATLAELVQY	5	>PTPN11-E7€ATLAALVQY	3	2
>PTPN11-E7€ATLAELVQYY	5	>PTPN11-E7€ATLAALVQYY	4	1
>PTPN11-E7€ATLAELVQYY	23	>PTPN11-E7€ATLAALVQYY	16	7
>PTPN11-E7€ATLAELVQYY	460	>PTPN11-E7€ATLAALVQYY	231	229
>PTPN11-E7€ATLAELVQYY	302	>PTPN11-E7€ATLAALVQYY	175	127
>PTPN11-E7€ATLAELVQYY	379	>PTPN11-E7€ATLAALVQYY	169	210
>PTPN11-E7€ATLAELVQY	166	>PTPN11-E7€ATLAALVQY	68	98
>PTPN11-E7€ATLAELVQYY	136	>PTPN11-E7€ATLAALVQYY	79	57
>PTPN11-E7€ATLAELVQYY	137	>PTPN11-E7€ATLAALVQYY	72	65
>PTPN11-E7€FATLAELVQY	360	>PTPN11-E7€FATLAALVQY	362	2

>PTPN11-E7€FATLAELV	189	>PTPN11-E7€FATLAALV	140	49
>PTPN11-E7€FATLAELV	1117	>PTPN11-E7€FATLAALV	224	893
>PTPN11-E7€FATLAELV	38	>PTPN11-E7€FATLAALV	19	19
>PTPN11-E7€FATLAELV	97	>PTPN11-E7€FATLAALV	46	51
>PTPN11-E7€FATLAELVQY	717	>PTPN11-E7€FATLAALVQY	457	260
>PTPN11-E7€FATLAELVQY	99	>PTPN11-E7€FATLAALVQY	47	52
>PTPN11-E7€FATLAELV	99	>PTPN11-E7€FATLAALV	59	40
>PTPN11-E7€FATLAELV	1002	>PTPN11-E7€FATLAALV	182	820
>PTPN11-E7€FATLAELVQY	41	>PTPN11-E7€FATLAALVQY	20	21
>PTPN11-E7€FATLAELVQY	41	>PTPN11-E7€FATLAALVQY	21	20
>PTPN11-E7€FATLAELVQY	27	>PTPN11-E7€FATLAALVQY	27	0
>PTPN11-E7€FATLAELVQY	310	>PTPN11-E7€FATLAALVQY	326	16
>PTPN11-E7€FATLAELV	1144	>PTPN11-E7€FATLAALV	313	831
>PTPN11-E7€FATLAELVQY	221	>PTPN11-E7€FATLAALVQY	168	53
>PTPN11-E7€FATLAELVQY	104	>PTPN11-E7€FATLAALVQY	75	29
>PTPN11-E7€FATLAELVQY	850	>PTPN11-E7€FATLAALVQY	421	429
>PTPN11-E7€KFATLAEL	625	>PTPN11-E7€KFATLAAL	341	284
>PTPN11-E7€KFATLAEL	82	>PTPN11-E7€KFATLAAL	100	18
>PTPN11-E7€KFATLAELV	64	>PTPN11-E7€KFATLAALV	46	18
>PTPN11-E7€KFATLAEL	221	>PTPN11-E7€KFATLAAL	551	330
>PTPN11-E7€KFATLAELVQ	27	>PTPN11-E7€KFATLAALVQ	23	4
>PTPN11-E7€KFATLAELVQ	319	>PTPN11-E7€KFATLAALVQ	171	148
>PTPN11-E7€KFATLAELVQ	117	>PTPN11-E7€KFATLAALVQ	159	42
>PTPN11-E7€KFATLAELVQ	144	>PTPN11-E7€KFATLAALVQ	116	28
>PTPN11-E7€KFATLAEL	210	>PTPN11-E7€KFATLAAL	105	105
>PTPN11-E7€KFATLAELV	149	>PTPN11-E7€KFATLAALV	220	71
>PTPN11-E7€EKFATLAELV	809	>PTPN11-E7€EKFATLAALV	338	471
>PTPN11-E7€EKFATLAE	2737	>PTPN11-E7€EKFATLAA	182	2555
>PTPN11-E7€EKFATLAEL	36	>PTPN11-E7€EKFATLAAL	18	18
>PTPN11-E7€EKFATLAELV	324	>PTPN11-E7€EKFATLAALV	207	117
>PTPN11-E7€EKFATLAEL	89	>PTPN11-E7€EKFATLAAL	14	75
>PTPN11-E7€EKFATLAELV	2304	>PTPN11-E7€EKFATLAALV	477	1827
>PTPN11-E7€GEKFATLAEL'	114	>PTPN11-E7€GEKFATLAAL'	111	3
>PTPN11-E7€GEKFATLAEL'	110	>PTPN11-E7€GEKFATLAAL'	169	59
>PTPN11-E7€GEKFATLAE	1529	>PTPN11-E7€GEKFATLAA	62	1467
>PTPN11-E7€GEKFATLAEL	173	>PTPN11-E7€GEKFATLAAL	136	37
>PTPN11-E7€GEKFATLAEL'	367	>PTPN11-E7€GEKFATLAAL'	552	185
>PTPN11-E7€GEKFATLAE	2675	>PTPN11-E7€GEKFATLAA	17	2658
>PTPN11-E7€GEKFATLAEL'	309	>PTPN11-E7€GEKFATLAAL'	215	94
>PTPN11-E7€GEKFATLAE	2524	>PTPN11-E7€GEKFATLAA	237	2287
>PTPN11-E7€GEKFATLAEL	478	>PTPN11-E7€GEKFATLAAL	253	225
>PTPN11-E7€GEKFATLAEL'	9	>PTPN11-E7€GEKFATLAAL'	9	0
>PTPN11-E7€ELVQYYMEHI	139	>PTPN11-E7€GLVQYYMEH	8841	8702



>PTPN11-E7(AELVQYYM	3395	>PTPN11-E7(AGLVQYYM	406	2989
>PTPN11-E7(AELVQYYM	206	>PTPN11-E7(AGLVQYYM	23480	23274
>PTPN11-E7(AELVQYYM	34	>PTPN11-E7(AGLVQYYM	32189	32155
>PTPN11-E7(AELVQYYM	278	>PTPN11-E7(AGLVQYYM	21414	21136
>PTPN11-E7(AELVQYYM	121	>PTPN11-E7(AGLVQYYM	34840	34719
>PTPN11-E7(AELVQYYMEI	424	>PTPN11-E7(AGLVQYYME	26255	25831
>PTPN11-E7(AELVQYYM	148	>PTPN11-E7(AGLVQYYM	36210	36062
>PTPN11-E7(AELVQYYME	269	>PTPN11-E7(AGLVQYYME	36858	36589
>PTPN11-E7(AELVQYYM	78	>PTPN11-E7(AGLVQYYM	23028	22950
>PTPN11-E7(LAELVQYY	266	>PTPN11-E7(LAGLVQYY	4137	3871
>PTPN11-E7(LAELVQYY	1220	>PTPN11-E7(LAGLVQYY	231	989
>PTPN11-E7(LAELVQYY	293	>PTPN11-E7(LAGLVQYY	570	277
>PTPN11-E7(LAELVQYY	240	>PTPN11-E7(LAGLVQYY	626	386
>PTPN11-E7(LAELVQYY	3201	>PTPN11-E7(LAGLVQYY	210	2991
>PTPN11-E7(LAELVQYYM	984	>PTPN11-E7(LAGLVQYYM	56	928
>PTPN11-E7(LAELVQYYM	420	>PTPN11-E7(LAGLVQYYM	1136	716
>PTPN11-E7(TLAELVQYYM	36	>PTPN11-E7(TLAGLVQYYM	45	9
>PTPN11-E7(TLAELVQYY	296	>PTPN11-E7(TLAGLVQYY	445	149
>PTPN11-E7(TLAELVQYYM	13	>PTPN11-E7(TLAGLVQYYM	15	2
>PTPN11-E7(TLAELVQYYM	448	>PTPN11-E7(TLAGLVQYYM	401	47
>PTPN11-E7(TLAELVQYY	179	>PTPN11-E7(TLAGLVQYY	669	490
>PTPN11-E7(TLAELVQYYM	7	>PTPN11-E7(TLAGLVQYYM	14	7
>PTPN11-E7(TLAELVQYYM	25	>PTPN11-E7(TLAGLVQYYM	175	150
>PTPN11-E7(TLAELVQYYM	21	>PTPN11-E7(TLAGLVQYYM	38	17
>PTPN11-E7(TLAELVQYYM	7	>PTPN11-E7(TLAGLVQYYM	12	5
>PTPN11-E7(TLAELVQYY	389	>PTPN11-E7(TLAGLVQYY	340	49
>PTPN11-E7(TLAELVQYYM	26	>PTPN11-E7(TLAGLVQYYM	25	1
>PTPN11-E7(TLAELVQYY	504	>PTPN11-E7(TLAGLVQYY	427	77
>PTPN11-E7(TLAELVQYY	248	>PTPN11-E7(TLAGLVQYY	485	237
>PTPN11-E7(TLAELVQY	243	>PTPN11-E7(TLAGLVQY	162	81
>PTPN11-E7(TLAELVQYY	80	>PTPN11-E7(TLAGLVQYY	66	14
>PTPN11-E7(TLAELVQYYM	597	>PTPN11-E7(TLAGLVQYYM	424	173
>PTPN11-E7(TLAELVQY	64	>PTPN11-E7(TLAGLVQY	28	36
>PTPN11-E7(TLAELVQYY	40	>PTPN11-E7(TLAGLVQYY	19	21
>PTPN11-E7(TLAELVQY	681	>PTPN11-E7(TLAGLVQY	462	219
>PTPN11-E7(TLAELVQYY	262	>PTPN11-E7(TLAGLVQYY	216	46
>PTPN11-E7(TLAELVQYYM	497	>PTPN11-E7(TLAGLVQYYM	808	311
>PTPN11-E7(TLAELVQYYM	91	>PTPN11-E7(TLAGLVQYYM	625	534
>PTPN11-E7(TLAELVQY	182	>PTPN11-E7(TLAGLVQY	264	82
>PTPN11-E7(TLAELVQYY	32	>PTPN11-E7(TLAGLVQYY	57	25
>PTPN11-E7(TLAELVQY	204	>PTPN11-E7(TLAGLVQY	174	30
>PTPN11-E7(TLAELVQYY	102	>PTPN11-E7(TLAGLVQYY	103	1
>PTPN11-E7(TLAELVQY	332	>PTPN11-E7(TLAGLVQY	176	156

>PTPN11-E7(TLAELVQYY	207	>PTPN11-E7(TLAGLVQYY	177	30
>PTPN11-E7(TLAELVQYYN	291	>PTPN11-E7(TLAGLVQYYN	274	17
>PTPN11-E7(TLAELVQY	482	>PTPN11-E7(TLAGLVQY	3152	2670
>PTPN11-E7(TLAELVQY	1581	>PTPN11-E7(TLAGLVQY	438	1143
>PTPN11-E7(TLAELVQYY	700	>PTPN11-E7(TLAGLVQYY	172	528
>PTPN11-E7(ATLAELVQYY	167	>PTPN11-E7(ATLAGLVQYY	214	47
>PTPN11-E7(ATLAELVQYY	442	>PTPN11-E7(ATLAGLVQYY	307	135
>PTPN11-E7(ATLAELVQYY	285	>PTPN11-E7(ATLAGLVQYY	187	98
>PTPN11-E7(ATLAELVQYY	247	>PTPN11-E7(ATLAGLVQYY	144	103
>PTPN11-E7(ATLAELVQYY	371	>PTPN11-E7(ATLAGLVQYY	122	249
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>PTPN11-E7(ATLAELVQYY	73	>PTPN11-E7(ATLAGLVQYY	40	33
>PTPN11-E7(ATLAELVQYY	152	>PTPN11-E7(ATLAGLVQYY	271	119
>PTPN11-E7(ATLAELVQY	8	>PTPN11-E7(ATLAGLVQY	8	0
>PTPN11-E7(ATLAELVQYY	8	>PTPN11-E7(ATLAGLVQYY	8	0
>PTPN11-E7(ATLAELVQYY	28	>PTPN11-E7(ATLAGLVQYY	26	2
>PTPN11-E7(ATLAELVQYY	778	>PTPN11-E7(ATLAGLVQYY	350	428
>PTPN11-E7(ATLAELVQY	70	>PTPN11-E7(ATLAGLVQY	25	45
>PTPN11-E7(ATLAELVQYY	196	>PTPN11-E7(ATLAGLVQYY	286	90
>PTPN11-E7(ATLAELVQYY	930	>PTPN11-E7(ATLAGLVQYY	451	479
>PTPN11-E7(ATLAELVQYY	781	>PTPN11-E7(ATLAGLVQYY	348	433
>PTPN11-E7(ATLAELVQY	579	>PTPN11-E7(ATLAGLVQY	214	365
>PTPN11-E7(ATLAELVQYY	72	>PTPN11-E7(ATLAGLVQYY	44	28
>PTPN11-E7(ATLAELVQY	342	>PTPN11-E7(ATLAGLVQY	264	78
>PTPN11-E7(ATLAELVQYY	363	>PTPN11-E7(ATLAGLVQYY	152	211
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>PTPN11-E7(ATLAELVQY	939	>PTPN11-E7(ATLAGLVQY	359	580
>PTPN11-E7(ATLAELVQYY	556	>PTPN11-E7(ATLAGLVQYY	295	261
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>PTPN11-E7(ATLAELVQY	5	>PTPN11-E7(ATLAGLVQY	3	2
>PTPN11-E7(ATLAELVQYY	5	>PTPN11-E7(ATLAGLVQYY	4	1
>PTPN11-E7(ATLAELVQYY	23	>PTPN11-E7(ATLAGLVQYY	14	9
>PTPN11-E7(ATLAELVQYY	460	>PTPN11-E7(ATLAGLVQYY	298	162
>PTPN11-E7(ATLAELVQYY	302	>PTPN11-E7(ATLAGLVQYY	199	103
>PTPN11-E7(ATLAELVQYY	379	>PTPN11-E7(ATLAGLVQYY	531	152
>PTPN11-E7(ATLAELVQY	166	>PTPN11-E7(ATLAGLVQY	31	135
>PTPN11-E7(ATLAELVQYY	136	>PTPN11-E7(ATLAGLVQYY	111	25
>PTPN11-E7(ATLAELVQYY	137	>PTPN11-E7(ATLAGLVQYY	48	89
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>PTPN11-E7(FATLAELVQY	360	>PTPN11-E7(FATLAGLVQY	448	88
>PTPN11-E7(FATLAELV	189	>PTPN11-E7(FATLAGLV	597	408
>PTPN11-E7(FATLAELV	1117	>PTPN11-E7(FATLAGLV	462	655

>PTPN11-E7€FATLAELV	38	>PTPN11-E7€FATLAGLV	73	35
>PTPN11-E7€FATLAELV	97	>PTPN11-E7€FATLAGLV	283	186
>PTPN11-E7€FATLAELVQY	717	>PTPN11-E7€FATLAGLVQY	281	436
>PTPN11-E7€FATLAELVQY	99	>PTPN11-E7€FATLAGLVQY	46	53
>PTPN11-E7€FATLAELV	99	>PTPN11-E7€FATLAGLV	157	58
>PTPN11-E7€FATLAELVQY	41	>PTPN11-E7€FATLAGLVQY	22	19
>PTPN11-E7€FATLAELVQY	41	>PTPN11-E7€FATLAGLVQY	25	16
>PTPN11-E7€FATLAELVQY	27	>PTPN11-E7€FATLAGLVQY	32	5
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>PTPN11-E7€FATLAELV	1144	>PTPN11-E7€FATLAGLV	305	839
>PTPN11-E7€FATLAELVQY	221	>PTPN11-E7€FATLAGLVQY	382	161
>PTPN11-E7€FATLAELVQY	104	>PTPN11-E7€FATLAGLVQY	82	22
>PTPN11-E7€FATLAELVQY	850	>PTPN11-E7€FATLAGLVQY	358	492
>PTPN11-E7€KFATLAEL	82	>PTPN11-E7€KFATLAGL	228	146
>PTPN11-E7€KFATLAELV	64	>PTPN11-E7€KFATLAGLV	455	391
>PTPN11-E7€KFATLAEL	221	>PTPN11-E7€KFATLAGL	905	684
>PTPN11-E7€KFATLAELVQ	27	>PTPN11-E7€KFATLAGLVQ	18	9
>PTPN11-E7€KFATLAELVQ	319	>PTPN11-E7€KFATLAGLVQ	122	197
>PTPN11-E7€KFATLAELVQ	117	>PTPN11-E7€KFATLAGLVQ	88	29
>PTPN11-E7€KFATLAELVQ	144	>PTPN11-E7€KFATLAGLVQ	149	5
>PTPN11-E7€KFATLAEL	210	>PTPN11-E7€KFATLAGL	158	52
>PTPN11-E7€KFATLAELV	149	>PTPN11-E7€KFATLAGLV	142	7
>PTPN11-E7€EKFATLAELV	809	>PTPN11-E7€EKFATLAGLV	440	369
>PTPN11-E7€EKFATLAEL	36	>PTPN11-E7€EKFATLAGL	116	80
>PTPN11-E7€EKFATLAELV	324	>PTPN11-E7€EKFATLAGLV	1096	772
>PTPN11-E7€EKFATLAEL	89	>PTPN11-E7€EKFATLAGL	150	61
>PTPN11-E7€GEKFATLAEL'	114	>PTPN11-E7€GEKFATLAGL	81	33
>PTPN11-E7€GEKFATLAEL'	110	>PTPN11-E7€GEKFATLAGL	187	77
>PTPN11-E7€GEKFATLAEL	173	>PTPN11-E7€GEKFATLAGL	283	110
>PTPN11-E7€GEKFATLAEL'	367	>PTPN11-E7€GEKFATLAGL	561	194
>PTPN11-E7€GEKFATLAEL'	309	>PTPN11-E7€GEKFATLAGL	451	142
>PTPN11-E7€GEKFATLAEL	478	>PTPN11-E7€GEKFATLAGL	191	287
>PTPN11-E7€GEKFATLAEL'	9	>PTPN11-E7€GEKFATLAGL	11	2
>PTPN11-E7€ELVQYYMEHI	139	>PTPN11-E7€KLVQYYMEHI	4176	4037
>PTPN11-E7€AELVQYYM	1489	>PTPN11-E7€AKLVQYYM	31	1458
>PTPN11-E7€AELVQYYMEI	2627	>PTPN11-E7€AKLVQYYMEI	94	2533
>PTPN11-E7€AELVQYYMEI	7695	>PTPN11-E7€AKLVQYYMEI	344	7351
>PTPN11-E7€AELVQYYM	206	>PTPN11-E7€AKLVQYYM	20912	20706
>PTPN11-E7€AELVQYYM	34	>PTPN11-E7€AKLVQYYM	19701	19667
>PTPN11-E7€AELVQYYM	278	>PTPN11-E7€AKLVQYYM	15972	15694
>PTPN11-E7€AELVQYYM	121	>PTPN11-E7€AKLVQYYM	18069	17948
>PTPN11-E7€AELVQYYMEI	424	>PTPN11-E7€AKLVQYYMEI	16486	16062
>PTPN11-E7€AELVQYYM	148	>PTPN11-E7€AKLVQYYM	23576	23428

>PTPN11-E7(AELVQYYME	269	>PTPN11-E7(AKLVQYYME	24316	24047
>PTPN11-E7(AELVQYYM	78	>PTPN11-E7(AKLVQYYM	7182	7104
>PTPN11-E7(LAELVQYY	266	>PTPN11-E7(LAKLVQYY	10313	10047
>PTPN11-E7(LAELVQYY	845	>PTPN11-E7(LAKLVQYY	359	486
>PTPN11-E7(LAELVQYY	5090	>PTPN11-E7(LAKLVQYY	284	4806
>PTPN11-E7(LAELVQYY	293	>PTPN11-E7(LAKLVQYY	116	177
>PTPN11-E7(LAELVQYY	240	>PTPN11-E7(LAKLVQYY	1273	1033
>PTPN11-E7(LAELVQYY	5705	>PTPN11-E7(LAKLVQYY	457	5248
>PTPN11-E7(LAELVQYYM	5816	>PTPN11-E7(LAKLVQYYM	496	5320
>PTPN11-E7(LAELVQYYM	984	>PTPN11-E7(LAKLVQYYM	264	720
>PTPN11-E7(LAELVQYYM	420	>PTPN11-E7(LAKLVQYYM	921	501
>PTPN11-E7(TLAELVQYYM	36	>PTPN11-E7(TLAKLVQYYM	152	116
>PTPN11-E7(TLAELVQYY	296	>PTPN11-E7(TLAKLVQYY	1596	1300
>PTPN11-E7(TLAELVQYYM	13	>PTPN11-E7(TLAKLVQYYM	31	18
>PTPN11-E7(TLAELVQYYM	448	>PTPN11-E7(TLAKLVQYYM	744	296
>PTPN11-E7(TLAELVQYY	179	>PTPN11-E7(TLAKLVQYY	2298	2119
>PTPN11-E7(TLAELVQYYM	7	>PTPN11-E7(TLAKLVQYYM	40	33
>PTPN11-E7(TLAELVQYYM	25	>PTPN11-E7(TLAKLVQYYM	209	184
>PTPN11-E7(TLAELVQYYM	21	>PTPN11-E7(TLAKLVQYYM	71	50
>PTPN11-E7(TLAELVQYYM	7	>PTPN11-E7(TLAKLVQYYM	42	35
>PTPN11-E7(TLAELVQYY	389	>PTPN11-E7(TLAKLVQYY	2874	2485
>PTPN11-E7(TLAELVQYYM	26	>PTPN11-E7(TLAKLVQYYM	150	124
>PTPN11-E7(TLAELVQYY	504	>PTPN11-E7(TLAKLVQYY	322	182
>PTPN11-E7(TLAELVQYY	248	>PTPN11-E7(TLAKLVQYY	713	465
>PTPN11-E7(TLAELVQY	243	>PTPN11-E7(TLAKLVQY	557	314
>PTPN11-E7(TLAELVQYY	80	>PTPN11-E7(TLAKLVQYY	188	108
>PTPN11-E7(TLAELVQY	64	>PTPN11-E7(TLAKLVQY	103	39
>PTPN11-E7(TLAELVQYY	40	>PTPN11-E7(TLAKLVQYY	67	27
>PTPN11-E7(TLAELVQYY	262	>PTPN11-E7(TLAKLVQYY	256	6
>PTPN11-E7(TLAELVQYYM	497	>PTPN11-E7(TLAKLVQYYM	2189	1692
>PTPN11-E7(TLAELVQYYM	91	>PTPN11-E7(TLAKLVQYYM	761	670
>PTPN11-E7(TLAELVQY	182	>PTPN11-E7(TLAKLVQY	71	111
>PTPN11-E7(TLAELVQYY	32	>PTPN11-E7(TLAKLVQYY	15	17
>PTPN11-E7(TLAELVQY	204	>PTPN11-E7(TLAKLVQY	201	3
>PTPN11-E7(TLAELVQYY	102	>PTPN11-E7(TLAKLVQYY	93	9
>PTPN11-E7(TLAELVQY	332	>PTPN11-E7(TLAKLVQY	460	128
>PTPN11-E7(TLAELVQYY	207	>PTPN11-E7(TLAKLVQYY	316	109
>PTPN11-E7(TLAELVQYYM	291	>PTPN11-E7(TLAKLVQYYM	506	215
>PTPN11-E7(TLAELVQY	482	>PTPN11-E7(TLAKLVQY	413	69
>PTPN11-E7(TLAELVQYY	700	>PTPN11-E7(TLAKLVQYY	316	384
>PTPN11-E7(ATLAELVQYY	167	>PTPN11-E7(ATLAKLVQYY	202	35
>PTPN11-E7(ATLAELVQYY	442	>PTPN11-E7(ATLAKLVQYY	495	53
>PTPN11-E7(ATLAELVQYY	285	>PTPN11-E7(ATLAKLVQYY	478	193

>PTPN11-E7(ATLAELVQYY	247	>PTPN11-E7(ATLAKLVQYY	238	9
>PTPN11-E7(ATLAELVQYY	371	>PTPN11-E7(ATLAKLVQYY	133	238
>PTPN11-E7(ATLAELVQY	112	>PTPN11-E7(ATLAKLVQY	110	2
>PTPN11-E7(ATLAELVQYY	73	>PTPN11-E7(ATLAKLVQYY	69	4
>PTPN11-E7(ATLAELVQYY	152	>PTPN11-E7(ATLAKLVQYY	282	130
>PTPN11-E7(ATLAELVQY	8	>PTPN11-E7(ATLAKLVQY	14	6
>PTPN11-E7(ATLAELVQYY	8	>PTPN11-E7(ATLAKLVQYY	12	4
>PTPN11-E7(ATLAELVQYY	28	>PTPN11-E7(ATLAKLVQYY	43	15
>PTPN11-E7(ATLAELVQYY	778	>PTPN11-E7(ATLAKLVQYY	342	436
>PTPN11-E7(ATLAELVQY	70	>PTPN11-E7(ATLAKLVQY	85	15
>PTPN11-E7(ATLAELVQYY	196	>PTPN11-E7(ATLAKLVQYY	263	67
>PTPN11-E7(ATLAELVQYY	930	>PTPN11-E7(ATLAKLVQYY	398	532
>PTPN11-E7(ATLAELVQYY	781	>PTPN11-E7(ATLAKLVQYY	352	429
>PTPN11-E7(ATLAELVQYY	72	>PTPN11-E7(ATLAKLVQYY	53	19
>PTPN11-E7(ATLAELVQY	342	>PTPN11-E7(ATLAKLVQY	298	44
>PTPN11-E7(ATLAELVQYY	363	>PTPN11-E7(ATLAKLVQYY	591	228
>PTPN11-E7(ATLAELVQY	256	>PTPN11-E7(ATLAKLVQY	215	41
>PTPN11-E7(ATLAELVQYY	70	>PTPN11-E7(ATLAKLVQYY	55	15
>PTPN11-E7(ATLAELVQYY	290	>PTPN11-E7(ATLAKLVQYY	459	169
>PTPN11-E7(ATLAELVQY	5	>PTPN11-E7(ATLAKLVQY	3	2
>PTPN11-E7(ATLAELVQYY	5	>PTPN11-E7(ATLAKLVQYY	4	1
>PTPN11-E7(ATLAELVQYY	23	>PTPN11-E7(ATLAKLVQYY	15	8
>PTPN11-E7(ATLAELVQYY	460	>PTPN11-E7(ATLAKLVQYY	764	304
>PTPN11-E7(ATLAELVQYY	302	>PTPN11-E7(ATLAKLVQYY	452	150
>PTPN11-E7(ATLAELVQYY	379	>PTPN11-E7(ATLAKLVQYY	637	258
>PTPN11-E7(ATLAELVQY	166	>PTPN11-E7(ATLAKLVQY	154	12
>PTPN11-E7(ATLAELVQYY	136	>PTPN11-E7(ATLAKLVQYY	103	33
>PTPN11-E7(ATLAELVQYY	137	>PTPN11-E7(ATLAKLVQYY	128	9
>PTPN11-E7(FATLAELV	4821	>PTPN11-E7(FATLAKLV	389	4432
>PTPN11-E7(FATLAELVQY	360	>PTPN11-E7(FATLAKLVQY	387	27
>PTPN11-E7(FATLAELV	189	>PTPN11-E7(FATLAKLV	1367	1178
>PTPN11-E7(FATLAELV	38	>PTPN11-E7(FATLAKLV	208	170
>PTPN11-E7(FATLAELV	97	>PTPN11-E7(FATLAKLV	224	127
>PTPN11-E7(FATLAELVQY	99	>PTPN11-E7(FATLAKLVQY	108	9
>PTPN11-E7(FATLAELV	99	>PTPN11-E7(FATLAKLV	468	369
>PTPN11-E7(FATLAELVQY	41	>PTPN11-E7(FATLAKLVQY	41	0
>PTPN11-E7(FATLAELVQY	41	>PTPN11-E7(FATLAKLVQY	61	20
>PTPN11-E7(FATLAELVQY	27	>PTPN11-E7(FATLAKLVQY	53	26
>PTPN11-E7(FATLAELVQY	310	>PTPN11-E7(FATLAKLVQY	337	27
>PTPN11-E7(FATLAELV	1144	>PTPN11-E7(FATLAKLV	444	700
>PTPN11-E7(FATLAELVQY	221	>PTPN11-E7(FATLAKLVQY	423	202
>PTPN11-E7(FATLAELVQY	104	>PTPN11-E7(FATLAKLVQY	192	88
>PTPN11-E7(KFATLAEL	82	>PTPN11-E7(KFATLAKL	428	346

>PTPN11-E7€KFATLAELV	64	>PTPN11-E7€KFATLAKLV	1122	1058
>PTPN11-E7€KFATLAEL	221	>PTPN11-E7€KFATLAKL	522	301
>PTPN11-E7€KFATLAELVQ	27	>PTPN11-E7€KFATLAKLVQ	34	7
>PTPN11-E7€KFATLAELVQ	319	>PTPN11-E7€KFATLAKLVQ	420	101
>PTPN11-E7€KFATLAELVQ	117	>PTPN11-E7€KFATLAKLVQ	180	63
>PTPN11-E7€KFATLAELVQ	144	>PTPN11-E7€KFATLAKLVQ	155	11
>PTPN11-E7€KFATLAEL	210	>PTPN11-E7€KFATLAKL	274	64
>PTPN11-E7€KFATLAELV	149	>PTPN11-E7€KFATLAKLV	196	47
>PTPN11-E7€EKFATLAELV	917	>PTPN11-E7€EKFATLAKLV	342	575
>PTPN11-E7€EKFATLAE	18094	>PTPN11-E7€EKFATLAK	204	17890
>PTPN11-E7€EKFATLAE	2737	>PTPN11-E7€EKFATLAK	227	2510
>PTPN11-E7€EKFATLAEL	36	>PTPN11-E7€EKFATLAKL	93	57
>PTPN11-E7€EKFATLAELV	324	>PTPN11-E7€EKFATLAKLV	252	72
>PTPN11-E7€EKFATLAEL	89	>PTPN11-E7€EKFATLAKL	329	240
>PTPN11-E7€GEKFATLAEL'	114	>PTPN11-E7€GEKFATLAKL'	45	69
>PTPN11-E7€GEKFATLAEL'	110	>PTPN11-E7€GEKFATLAKL'	366	256
>PTPN11-E7€GEKFATLAEL	173	>PTPN11-E7€GEKFATLAKL	280	107
>PTPN11-E7€GEKFATLAEL'	367	>PTPN11-E7€GEKFATLAKL'	453	86
>PTPN11-E7€GEKFATLAEL'	309	>PTPN11-E7€GEKFATLAKL'	414	105
>PTPN11-E7€GEKFATLAEL	478	>PTPN11-E7€GEKFATLAKL	260	218
>PTPN11-E7€GEKFATLAEL'	9	>PTPN11-E7€GEKFATLAKL'	14	5
>PTPN11-E7€ELVQYYMEHI	12287	>PTPN11-E7€MLVQYYMEH	421	11866
>PTPN11-E7€ELVQYYMEHI	139	>PTPN11-E7€MLVQYYMEH	2602	2463
>PTPN11-E7€AELVQYYM	3395	>PTPN11-E7€AMLVQYYM	55	3340
>PTPN11-E7€AELVQYYM	20407	>PTPN11-E7€AMLVQYYM	41	20366
>PTPN11-E7€AELVQYYM	15079	>PTPN11-E7€AMLVQYYM	115	14964
>PTPN11-E7€AELVQYYM	10019	>PTPN11-E7€AMLVQYYM	324	9695
>PTPN11-E7€AELVQYYM	12697	>PTPN11-E7€AMLVQYYM	8	12689
>PTPN11-E7€AELVQYYM	15975	>PTPN11-E7€AMLVQYYM	20	15955
>PTPN11-E7€AELVQYYM	17272	>PTPN11-E7€AMLVQYYM	35	17237
>PTPN11-E7€AELVQYYM	17571	>PTPN11-E7€AMLVQYYM	29	17542
>PTPN11-E7€AELVQYYM	33791	>PTPN11-E7€AMLVQYYM	64	33727
>PTPN11-E7€AELVQYYM	1489	>PTPN11-E7€AMLVQYYM	57	1432
>PTPN11-E7€AELVQYYMEI	2627	>PTPN11-E7€AMLVQYYME	169	2458
>PTPN11-E7€AELVQYYM	206	>PTPN11-E7€AMLVQYYM	21008	20802
>PTPN11-E7€AELVQYYM	34	>PTPN11-E7€AMLVQYYM	26812	26778
>PTPN11-E7€AELVQYYM	278	>PTPN11-E7€AMLVQYYM	20935	20657
>PTPN11-E7€AELVQYYM	121	>PTPN11-E7€AMLVQYYM	31282	31161
>PTPN11-E7€AELVQYYMEI	424	>PTPN11-E7€AMLVQYYME	21066	20642
>PTPN11-E7€AELVQYYM	148	>PTPN11-E7€AMLVQYYM	28432	28284
>PTPN11-E7€AELVQYYME	269	>PTPN11-E7€AMLVQYYME	31433	31164
>PTPN11-E7€AELVQYYM	78	>PTPN11-E7€AMLVQYYM	10366	10288
>PTPN11-E7€YGGEKFATLA	13838	>PTPN11-E7€YGGEKFATLA	207	13631

>PTPN11-E7(LAELVQYY	266	>PTPN11-E7(LAMLVQYY	3799	3533
>PTPN11-E7(LAELVQYYM	2529	>PTPN11-E7(LAMLVQYYM	283	2246
>PTPN11-E7(LAELVQYY	1220	>PTPN11-E7(LAMLVQYY	147	1073
>PTPN11-E7(LAELVQYY	845	>PTPN11-E7(LAMLVQYY	249	596
>PTPN11-E7(LAELVQYYM	5669	>PTPN11-E7(LAMLVQYYM	146	5523
>PTPN11-E7(LAELVQYY	5090	>PTPN11-E7(LAMLVQYY	224	4866
>PTPN11-E7(LAELVQYY	6790	>PTPN11-E7(LAMLVQYY	315	6475
>PTPN11-E7(LAELVQYY	293	>PTPN11-E7(LAMLVQYY	32	261
>PTPN11-E7(LAELVQYY	240	>PTPN11-E7(LAMLVQYY	67	173
>PTPN11-E7(LAELVQYYM	711	>PTPN11-E7(LAMLVQYYM	162	549
>PTPN11-E7(LAELVQYY	915	>PTPN11-E7(LAMLVQYY	263	652
>PTPN11-E7(LAELVQYYM	887	>PTPN11-E7(LAMLVQYYM	231	656
>PTPN11-E7(LAELVQYY	5705	>PTPN11-E7(LAMLVQYY	233	5472
>PTPN11-E7(LAELVQYYM	5816	>PTPN11-E7(LAMLVQYYM	256	5560
>PTPN11-E7(LAELVQYY	3201	>PTPN11-E7(LAMLVQYY	26	3175
>PTPN11-E7(LAELVQYYM	984	>PTPN11-E7(LAMLVQYYM	15	969
>PTPN11-E7(LAELVQYYM	420	>PTPN11-E7(LAMLVQYYM	732	312
>PTPN11-E7(TLAELVQYYM	36	>PTPN11-E7(TLAMLVQYYM	58	22
>PTPN11-E7(TLAELVQYY	296	>PTPN11-E7(TLAMLVQYY	2155	1859
>PTPN11-E7(TLAELVQYYM	13	>PTPN11-E7(TLAMLVQYYM	20	7
>PTPN11-E7(TLAELVQYYM	448	>PTPN11-E7(TLAMLVQYYM	618	170
>PTPN11-E7(TLAELVQYY	179	>PTPN11-E7(TLAMLVQYY	1815	1636
>PTPN11-E7(TLAELVQYYM	7	>PTPN11-E7(TLAMLVQYYM	30	23
>PTPN11-E7(TLAELVQYYM	25	>PTPN11-E7(TLAMLVQYYM	267	242
>PTPN11-E7(TLAELVQYYM	21	>PTPN11-E7(TLAMLVQYYM	79	58
>PTPN11-E7(TLAELVQYYM	7	>PTPN11-E7(TLAMLVQYYM	38	31
>PTPN11-E7(TLAELVQYY	389	>PTPN11-E7(TLAMLVQYY	1611	1222
>PTPN11-E7(TLAELVQYYM	26	>PTPN11-E7(TLAMLVQYYM	76	50
>PTPN11-E7(TLAELVQYY	504	>PTPN11-E7(TLAMLVQYY	484	20
>PTPN11-E7(TLAELVQYY	248	>PTPN11-E7(TLAMLVQYY	2694	2446
>PTPN11-E7(TLAELVQY	243	>PTPN11-E7(TLAMLVQY	649	406
>PTPN11-E7(TLAELVQYY	80	>PTPN11-E7(TLAMLVQYY	227	147
>PTPN11-E7(TLAELVQY	64	>PTPN11-E7(TLAMLVQY	53	11
>PTPN11-E7(TLAELVQYY	40	>PTPN11-E7(TLAMLVQYY	39	1
>PTPN11-E7(TLAELVQY	681	>PTPN11-E7(TLAMLVQY	440	241
>PTPN11-E7(TLAELVQYY	262	>PTPN11-E7(TLAMLVQYY	168	94
>PTPN11-E7(TLAELVQYYM	497	>PTPN11-E7(TLAMLVQYYM	1081	584
>PTPN11-E7(TLAELVQYYM	91	>PTPN11-E7(TLAMLVQYYM	1255	1164
>PTPN11-E7(TLAELVQY	182	>PTPN11-E7(TLAMLVQY	169	13
>PTPN11-E7(TLAELVQYY	32	>PTPN11-E7(TLAMLVQYY	35	3
>PTPN11-E7(TLAELVQY	204	>PTPN11-E7(TLAMLVQY	162	42
>PTPN11-E7(TLAELVQYY	102	>PTPN11-E7(TLAMLVQYY	86	16
>PTPN11-E7(TLAELVQY	332	>PTPN11-E7(TLAMLVQY	593	261

>PTPN11-E7€TLAELVQYY	207	>PTPN11-E7€TLAMLVQYY	441	234
>PTPN11-E7€TLAELVQYYN	291	>PTPN11-E7€TLAMLVQYYN	325	34
>PTPN11-E7€TLAELVQY	482	>PTPN11-E7€TLAMLVQY	1790	1308
>PTPN11-E7€TLAELVQYY	700	>PTPN11-E7€TLAMLVQYY	310	390
>PTPN11-E7€ATLAELVQYY	1965	>PTPN11-E7€ATLAMLVQY`	322	1643
>PTPN11-E7€ATLAELVQYY	167	>PTPN11-E7€ATLAMLVQY`	144	23
>PTPN11-E7€ATLAELVQYY	442	>PTPN11-E7€ATLAMLVQY`	290	152
>PTPN11-E7€ATLAELVQYY	285	>PTPN11-E7€ATLAMLVQY`	315	30
>PTPN11-E7€ATLAELVQYY	247	>PTPN11-E7€ATLAMLVQY`	264	17
>PTPN11-E7€ATLAELVQYY	371	>PTPN11-E7€ATLAMLVQY`	133	238
>PTPN11-E7€ATLAELVQY	112	>PTPN11-E7€ATLAMLVQY	33	79
>PTPN11-E7€ATLAELVQYY	73	>PTPN11-E7€ATLAMLVQY`	33	40
>PTPN11-E7€ATLAELVQYY	152	>PTPN11-E7€ATLAMLVQY`	126	26
>PTPN11-E7€ATLAELVQY	8	>PTPN11-E7€ATLAMLVQY	12	4
>PTPN11-E7€ATLAELVQYY	8	>PTPN11-E7€ATLAMLVQY`	10	2
>PTPN11-E7€ATLAELVQYY	28	>PTPN11-E7€ATLAMLVQY`	35	7
>PTPN11-E7€ATLAELVQY	70	>PTPN11-E7€ATLAMLVQY	29	41
>PTPN11-E7€ATLAELVQYY	196	>PTPN11-E7€ATLAMLVQY`	96	100
>PTPN11-E7€ATLAELVQYY	930	>PTPN11-E7€ATLAMLVQY`	357	573
>PTPN11-E7€ATLAELVQYY	781	>PTPN11-E7€ATLAMLVQY`	311	470
>PTPN11-E7€ATLAELVQYY	72	>PTPN11-E7€ATLAMLVQY`	32	40
>PTPN11-E7€ATLAELVQY	342	>PTPN11-E7€ATLAMLVQY	93	249
>PTPN11-E7€ATLAELVQYY	1288	>PTPN11-E7€ATLAMLVQY`	468	820
>PTPN11-E7€ATLAELVQYY	363	>PTPN11-E7€ATLAMLVQY`	273	90
>PTPN11-E7€ATLAELVQY	256	>PTPN11-E7€ATLAMLVQY	111	145
>PTPN11-E7€ATLAELVQYY	70	>PTPN11-E7€ATLAMLVQY`	46	24
>PTPN11-E7€ATLAELVQYY	556	>PTPN11-E7€ATLAMLVQY`	371	185
>PTPN11-E7€ATLAELVQYY	290	>PTPN11-E7€ATLAMLVQY`	305	15
>PTPN11-E7€ATLAELVQY	5	>PTPN11-E7€ATLAMLVQY	3	2
>PTPN11-E7€ATLAELVQYY	5	>PTPN11-E7€ATLAMLVQY`	4	1
>PTPN11-E7€ATLAELVQYY	23	>PTPN11-E7€ATLAMLVQY`	15	8
>PTPN11-E7€ATLAELVQYY	460	>PTPN11-E7€ATLAMLVQY`	286	174
>PTPN11-E7€ATLAELVQYY	302	>PTPN11-E7€ATLAMLVQY`	181	121
>PTPN11-E7€ATLAELVQYY	379	>PTPN11-E7€ATLAMLVQY`	265	114
>PTPN11-E7€ATLAELVQY	166	>PTPN11-E7€ATLAMLVQY	35	131
>PTPN11-E7€ATLAELVQYY	136	>PTPN11-E7€ATLAMLVQY`	59	77
>PTPN11-E7€ATLAELVQYY	137	>PTPN11-E7€ATLAMLVQY`	42	95
>PTPN11-E7€ATLAELVQY	505	>PTPN11-E7€ATLAMLVQY	325	180
>PTPN11-E7€ATLAELVQYY	612	>PTPN11-E7€ATLAMLVQY`	492	120
>PTPN11-E7€FATLAELVQY	360	>PTPN11-E7€FATLAMLVQ`	269	91
>PTPN11-E7€FATLAELV	189	>PTPN11-E7€FATLAMLV	168	21
>PTPN11-E7€FATLAELV	1117	>PTPN11-E7€FATLAMLV	211	906
>PTPN11-E7€FATLAELV	38	>PTPN11-E7€FATLAMLV	21	17



>PTPN11-E7(FATLAELV	97	>PTPN11-E7(FATLAMLV	48	49
>PTPN11-E7(FATLAELVQY	1972	>PTPN11-E7(FATLAMLVQ)	456	1516
>PTPN11-E7(FATLAELVQY	717	>PTPN11-E7(FATLAMLVQ)	179	538
>PTPN11-E7(FATLAELVQY	99	>PTPN11-E7(FATLAMLVQ)	52	47
>PTPN11-E7(FATLAELVQY	693	>PTPN11-E7(FATLAMLVQ)	318	375
>PTPN11-E7(FATLAELV	99	>PTPN11-E7(FATLAMLV	33	66
>PTPN11-E7(FATLAELV	1002	>PTPN11-E7(FATLAMLV	155	847
>PTPN11-E7(FATLAELVQY	41	>PTPN11-E7(FATLAMLVQ)	17	24
>PTPN11-E7(FATLAELVQY	41	>PTPN11-E7(FATLAMLVQ)	18	23
>PTPN11-E7(FATLAELVQY	27	>PTPN11-E7(FATLAMLVQ)	37	10
>PTPN11-E7(FATLAELVQY	310	>PTPN11-E7(FATLAMLVQ)	384	74
>PTPN11-E7(FATLAELV	1144	>PTPN11-E7(FATLAMLV	288	856
>PTPN11-E7(FATLAELVQY	221	>PTPN11-E7(FATLAMLVQ)	282	61
>PTPN11-E7(FATLAELVQY	104	>PTPN11-E7(FATLAMLVQ)	55	49
>PTPN11-E7(FATLAELVQY	850	>PTPN11-E7(FATLAMLVQ)	416	434
>PTPN11-E7(KFATLAEL	82	>PTPN11-E7(KFATLAML	190	108
>PTPN11-E7(KFATLAELV	64	>PTPN11-E7(KFATLAMLV	141	77
>PTPN11-E7(KFATLAEL	221	>PTPN11-E7(KFATLAML	159	62
>PTPN11-E7(KFATLAELVQ	27	>PTPN11-E7(KFATLAMLVC	16	11
>PTPN11-E7(KFATLAELVQ	319	>PTPN11-E7(KFATLAMLVC	265	54
>PTPN11-E7(KFATLAELVQ	117	>PTPN11-E7(KFATLAMLVC	62	55
>PTPN11-E7(KFATLAELVQ	144	>PTPN11-E7(KFATLAMLVC	111	33
>PTPN11-E7(KFATLAEL	210	>PTPN11-E7(KFATLAML	189	21
>PTPN11-E7(KFATLAELV	149	>PTPN11-E7(KFATLAMLV	144	5
>PTPN11-E7(EKFATLAE	19674	>PTPN11-E7(EKFATLAM	379	19295
>PTPN11-E7(EKFATLAELV	809	>PTPN11-E7(EKFATLAMLV	285	524
>PTPN11-E7(EKFATLAE	2737	>PTPN11-E7(EKFATLAM	10	2727
>PTPN11-E7(EKFATLAEL	36	>PTPN11-E7(EKFATLAML	44	8
>PTPN11-E7(EKFATLAELV	324	>PTPN11-E7(EKFATLAMLV	123	201
>PTPN11-E7(EKFATLAE	12113	>PTPN11-E7(EKFATLAM	66	12047
>PTPN11-E7(EKFATLAEL	89	>PTPN11-E7(EKFATLAML	88	1
>PTPN11-E7(GEKFATLAEL)	114	>PTPN11-E7(GEKFATLAMI	155	41
>PTPN11-E7(GEKFATLAE	16256	>PTPN11-E7(GEKFATLAM	392	15864
>PTPN11-E7(GEKFATLAE	3584	>PTPN11-E7(GEKFATLAM	63	3521
>PTPN11-E7(GEKFATLAEL)	110	>PTPN11-E7(GEKFATLAMI	102	8
>PTPN11-E7(GEKFATLAE	1529	>PTPN11-E7(GEKFATLAM	43	1486
>PTPN11-E7(GEKFATLAEL	173	>PTPN11-E7(GEKFATLAMI	307	134
>PTPN11-E7(GEKFATLAEL)	367	>PTPN11-E7(GEKFATLAMI	217	150
>PTPN11-E7(GEKFATLAEL)	309	>PTPN11-E7(GEKFATLAMI	236	73
>PTPN11-E7(GEKFATLAE	2524	>PTPN11-E7(GEKFATLAM	33	2491
>PTPN11-E7(GEKFATLAEL	478	>PTPN11-E7(GEKFATLAMI	289	189
>PTPN11-E7(GEKFATLAEL)	9	>PTPN11-E7(GEKFATLAMI	8	1
>PTPN11-E7(GGEKFATLAE	1366	>PTPN11-E7(GGEKFATLAN	329	1037

>PTPN11-E7(ELVQYYMEHI	139	>PTPN11-E7(QLVQYYMEH	1221	1082
>PTPN11-E7(AELVQYYM	3395	>PTPN11-E7(AQLVQYYM	134	3261
>PTPN11-E7(AELVQYYM	10019	>PTPN11-E7(AQLVQYYM	58	9961
>PTPN11-E7(AELVQYYM	1489	>PTPN11-E7(AQLVQYYM	31	1458
>PTPN11-E7(AELVQYYMEI	2627	>PTPN11-E7(AQLVQYYME	88	2539
>PTPN11-E7(AELVQYYMEI	7695	>PTPN11-E7(AQLVQYYME	382	7313
>PTPN11-E7(AELVQYYM	206	>PTPN11-E7(AQLVQYYM	8278	8072
>PTPN11-E7(AELVQYYM	34	>PTPN11-E7(AQLVQYYM	4780	4746
>PTPN11-E7(AELVQYYM	278	>PTPN11-E7(AQLVQYYM	12095	11817
>PTPN11-E7(AELVQYYM	121	>PTPN11-E7(AQLVQYYM	7599	7478
>PTPN11-E7(AELVQYYMEI	424	>PTPN11-E7(AQLVQYYME	14427	14003
>PTPN11-E7(AELVQYYM	148	>PTPN11-E7(AQLVQYYM	10686	10538
>PTPN11-E7(AELVQYYME	269	>PTPN11-E7(AQLVQYYME	12838	12569
>PTPN11-E7(AELVQYYM	78	>PTPN11-E7(AQLVQYYM	1643	1565
>PTPN11-E7(LAELVQYY	266	>PTPN11-E7(LAQLVQYY	2918	2652
>PTPN11-E7(LAELVQYY	1220	>PTPN11-E7(LAQLVQYY	487	733
>PTPN11-E7(LAELVQYY	845	>PTPN11-E7(LAQLVQYY	291	554
>PTPN11-E7(LAELVQYY	5090	>PTPN11-E7(LAQLVQYY	485	4605
>PTPN11-E7(LAELVQYY	293	>PTPN11-E7(LAQLVQYY	157	136
>PTPN11-E7(LAELVQYY	240	>PTPN11-E7(LAQLVQYY	369	129
>PTPN11-E7(LAELVQYY	3201	>PTPN11-E7(LAQLVQYY	131	3070
>PTPN11-E7(LAELVQYYM	984	>PTPN11-E7(LAQLVQYYM	46	938
>PTPN11-E7(LAELVQYYM	420	>PTPN11-E7(LAQLVQYYM	681	261
>PTPN11-E7(TLAELVQYYM	36	>PTPN11-E7(TLAQLVQYYM	71	35
>PTPN11-E7(TLAELVQYY	296	>PTPN11-E7(TLAQLVQYY	1265	969
>PTPN11-E7(TLAELVQYYM	13	>PTPN11-E7(TLAQLVQYYM	21	8
>PTPN11-E7(TLAELVQYYM	448	>PTPN11-E7(TLAQLVQYYM	592	144
>PTPN11-E7(TLAELVQYY	179	>PTPN11-E7(TLAQLVQYY	1312	1133
>PTPN11-E7(TLAELVQYYM	7	>PTPN11-E7(TLAQLVQYYM	21	14
>PTPN11-E7(TLAELVQYYM	25	>PTPN11-E7(TLAQLVQYYM	227	202
>PTPN11-E7(TLAELVQYYM	21	>PTPN11-E7(TLAQLVQYYM	59	38
>PTPN11-E7(TLAELVQYYM	7	>PTPN11-E7(TLAQLVQYYM	25	18
>PTPN11-E7(TLAELVQYY	389	>PTPN11-E7(TLAQLVQYY	986	597
>PTPN11-E7(TLAELVQYYM	26	>PTPN11-E7(TLAQLVQYYM	59	33
>PTPN11-E7(TLAELVQYY	248	>PTPN11-E7(TLAQLVQYY	1579	1331
>PTPN11-E7(TLAELVQY	243	>PTPN11-E7(TLAQLVQY	268	25
>PTPN11-E7(TLAELVQYY	80	>PTPN11-E7(TLAQLVQYY	96	16
>PTPN11-E7(TLAELVQY	64	>PTPN11-E7(TLAQLVQY	53	11
>PTPN11-E7(TLAELVQYY	40	>PTPN11-E7(TLAQLVQYY	36	4
>PTPN11-E7(TLAELVQY	681	>PTPN11-E7(TLAQLVQY	448	233
>PTPN11-E7(TLAELVQYY	262	>PTPN11-E7(TLAQLVQYY	160	102
>PTPN11-E7(TLAELVQYYM	497	>PTPN11-E7(TLAQLVQYYM	1611	1114
>PTPN11-E7(TLAELVQYYM	91	>PTPN11-E7(TLAQLVQYYM	545	454

>PTPN11-E7(TLAELVQY	182	>PTPN11-E7(TLAQLVQY	166	16
>PTPN11-E7(TLAELVQYY	32	>PTPN11-E7(TLAQLVQYY	34	2
>PTPN11-E7(TLAELVQY	204	>PTPN11-E7(TLAQLVQY	141	63
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>PTPN11-E7(TLAELVQY	332	>PTPN11-E7(TLAQLVQY	294	38
>PTPN11-E7(TLAELVQYY	207	>PTPN11-E7(TLAQLVQYY	225	18
>PTPN11-E7(TLAELVQYYM	291	>PTPN11-E7(TLAQLVQYYM	539	248
>PTPN11-E7(TLAELVQY	482	>PTPN11-E7(TLAQLVQY	715	233
>PTPN11-E7(TLAELVQYY	700	>PTPN11-E7(TLAQLVQYY	486	214
>PTPN11-E7(ATLAELVQYY	167	>PTPN11-E7(ATLAQLVQYY	161	6
>PTPN11-E7(ATLAELVQYY	442	>PTPN11-E7(ATLAQLVQYY	486	44
>PTPN11-E7(ATLAELVQYY	285	>PTPN11-E7(ATLAQLVQYY	342	57
>PTPN11-E7(ATLAELVQYY	247	>PTPN11-E7(ATLAQLVQYY	234	13
>PTPN11-E7(ATLAELVQYY	371	>PTPN11-E7(ATLAQLVQYY	219	152
>PTPN11-E7(ATLAELVQY	112	>PTPN11-E7(ATLAQLVQY	68	44
>PTPN11-E7(ATLAELVQYY	73	>PTPN11-E7(ATLAQLVQYY	63	10
>PTPN11-E7(ATLAELVQYY	152	>PTPN11-E7(ATLAQLVQYY	214	62
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>PTPN11-E7(ATLAELVQYY	8	>PTPN11-E7(ATLAQLVQYY	8	0
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>PTPN11-E7(ATLAELVQYY	778	>PTPN11-E7(ATLAQLVQYY	495	283
>PTPN11-E7(ATLAELVQY	70	>PTPN11-E7(ATLAQLVQY	47	23
>PTPN11-E7(ATLAELVQYY	196	>PTPN11-E7(ATLAQLVQYY	224	28
>PTPN11-E7(ATLAELVQYY	930	>PTPN11-E7(ATLAQLVQYY	316	614
>PTPN11-E7(ATLAELVQYY	781	>PTPN11-E7(ATLAQLVQYY	217	564
>PTPN11-E7(ATLAELVQYY	72	>PTPN11-E7(ATLAQLVQYY	60	12
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>PTPN11-E7(ATLAELVQYY	363	>PTPN11-E7(ATLAQLVQYY	288	75
>PTPN11-E7(ATLAELVQY	256	>PTPN11-E7(ATLAQLVQY	111	145
>PTPN11-E7(ATLAELVQYY	70	>PTPN11-E7(ATLAQLVQYY	44	26
>PTPN11-E7(ATLAELVQYY	556	>PTPN11-E7(ATLAQLVQYY	398	158
>PTPN11-E7(ATLAELVQYY	290	>PTPN11-E7(ATLAQLVQYY	277	13
>PTPN11-E7(ATLAELVQY	5	>PTPN11-E7(ATLAQLVQY	4	1
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>PTPN11-E7(ATLAELVQYY	23	>PTPN11-E7(ATLAQLVQYY	19	4
>PTPN11-E7(ATLAELVQYY	460	>PTPN11-E7(ATLAQLVQYY	442	18
>PTPN11-E7(ATLAELVQYY	302	>PTPN11-E7(ATLAQLVQYY	306	4
>PTPN11-E7(ATLAELVQYY	379	>PTPN11-E7(ATLAQLVQYY	636	257
>PTPN11-E7(ATLAELVQY	166	>PTPN11-E7(ATLAQLVQY	159	7
>PTPN11-E7(ATLAELVQYY	136	>PTPN11-E7(ATLAQLVQYY	77	59
>PTPN11-E7(ATLAELVQYY	137	>PTPN11-E7(ATLAQLVQYY	130	7
>PTPN11-E7(ATLAELVQY	505	>PTPN11-E7(ATLAQLVQY	436	69
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>PTPN11-E7(FATLAELV	189	>PTPN11-E7(FATLAQLV	226	37
>PTPN11-E7(FATLAELV	38	>PTPN11-E7(FATLAQLV	42	4
>PTPN11-E7(FATLAELV	97	>PTPN11-E7(FATLAQLV	38	59
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>PTPN11-E7(FATLAELV	99	>PTPN11-E7(FATLAQLV	131	32
>PTPN11-E7(FATLAELVQY	41	>PTPN11-E7(FATLAQLVQY	31	10
>PTPN11-E7(FATLAELVQY	41	>PTPN11-E7(FATLAQLVQY	36	5
>PTPN11-E7(FATLAELVQY	27	>PTPN11-E7(FATLAQLVQY	32	5
>PTPN11-E7(FATLAELVQY	310	>PTPN11-E7(FATLAQLVQY	316	6
>PTPN11-E7(FATLAELVQY	866	>PTPN11-E7(FATLAQLVQY	350	516
>PTPN11-E7(FATLAELVQY	221	>PTPN11-E7(FATLAQLVQY	90	131
>PTPN11-E7(FATLAELVQY	104	>PTPN11-E7(FATLAQLVQY	110	6
>PTPN11-E7(KFATLAEL	625	>PTPN11-E7(KFATLAQL	461	164
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>PTPN11-E7(KFATLAEL	221	>PTPN11-E7(KFATLAQL	282	61
>PTPN11-E7(KFATLAELVQ	27	>PTPN11-E7(KFATLAQLVC	24	3
>PTPN11-E7(KFATLAELVQ	319	>PTPN11-E7(KFATLAQLVC	311	8
>PTPN11-E7(KFATLAELVQ	117	>PTPN11-E7(KFATLAQLVC	96	21
>PTPN11-E7(KFATLAELVQ	144	>PTPN11-E7(KFATLAQLVC	158	14
>PTPN11-E7(KFATLAEL	210	>PTPN11-E7(KFATLAQL	271	61
>PTPN11-E7(KFATLAELV	149	>PTPN11-E7(KFATLAQLV	243	94
>PTPN11-E7(EKFATLAEL	36	>PTPN11-E7(EKFATLAQL	84	48
>PTPN11-E7(EKFATLAELV	324	>PTPN11-E7(EKFATLAQLV	166	158
>PTPN11-E7(EKFATLAEL	89	>PTPN11-E7(EKFATLAQL	81	8
>PTPN11-E7(GEKFATLAEL	114	>PTPN11-E7(GEKFATLAQL	135	21
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>PTPN11-E7(GEKFATLAEL	173	>PTPN11-E7(GEKFATLAQL	143	30
>PTPN11-E7(GEKFATLAEL	367	>PTPN11-E7(GEKFATLAQL	232	135
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>PTPN11-E7(GEKFATLAEL	9	>PTPN11-E7(GEKFATLAQL	10	1
>PTPN11-E7(ELVQYYMEHI	139	>PTPN11-E7(VLVQYYMEH	3778	3639
>PTPN11-E7(AELVQYYM	3395	>PTPN11-E7(AVLVQYYM	238	3157
>PTPN11-E7(AELVQYYM	21486	>PTPN11-E7(AVLVQYYM	261	21225
>PTPN11-E7(AELVQYYM	15098	>PTPN11-E7(AVLVQYYM	446	14652
>PTPN11-E7(AELVQYYM	206	>PTPN11-E7(AVLVQYYM	22934	22728
>PTPN11-E7(AELVQYYM	34	>PTPN11-E7(AVLVQYYM	33146	33112
>PTPN11-E7(AELVQYYM	278	>PTPN11-E7(AVLVQYYM	22136	21858
>PTPN11-E7(AELVQYYM	121	>PTPN11-E7(AVLVQYYM	34999	34878
>PTPN11-E7(AELVQYYMEI	424	>PTPN11-E7(AVLVQYYMEI	24157	23733
>PTPN11-E7(AELVQYYM	148	>PTPN11-E7(AVLVQYYM	33578	33430
>PTPN11-E7(AELVQYYME	269	>PTPN11-E7(AVLVQYYME	35942	35673

>PTPN11-E7(AELVQYYM	78	>PTPN11-E7(AVLVQYYM	19308	19230
>PTPN11-E7(AELVQYYMEI	4258	>PTPN11-E7(AVLVQYYMEI	442	3816
>PTPN11-E7(AELVQYYMEI	4162	>PTPN11-E7(AVLVQYYMEI	460	3702
>PTPN11-E7(YGGEKFATLA	24299	>PTPN11-E7(YGGEKFATLA	180	24119
>PTPN11-E7(YGGEKFATLA	26288	>PTPN11-E7(YGGEKFATLA	209	26079
>PTPN11-E7(LAELVQYY	266	>PTPN11-E7(LAVLVQYY	9596	9330
>PTPN11-E7(LAELVQYY	1220	>PTPN11-E7(LAVLVQYY	132	1088
>PTPN11-E7(LAELVQYYM	5669	>PTPN11-E7(LAVLVQYYM	468	5201
>PTPN11-E7(LAELVQYY	293	>PTPN11-E7(LAVLVQYY	34	259
>PTPN11-E7(LAELVQYY	240	>PTPN11-E7(LAVLVQYY	75	165
>PTPN11-E7(LAELVQYYM	711	>PTPN11-E7(LAVLVQYYM	198	513
>PTPN11-E7(LAELVQYY	915	>PTPN11-E7(LAVLVQYY	383	532
>PTPN11-E7(LAELVQYYM	887	>PTPN11-E7(LAVLVQYYM	411	476
>PTPN11-E7(LAELVQYY	3201	>PTPN11-E7(LAVLVQYY	47	3154
>PTPN11-E7(LAELVQYYM	984	>PTPN11-E7(LAVLVQYYM	21	963
>PTPN11-E7(LAELVQYYM	420	>PTPN11-E7(LAVLVQYYM	326	94
>PTPN11-E7(TLAELVQYYM	36	>PTPN11-E7(TLAVLVQYYM	113	77
>PTPN11-E7(TLAELVQYY	296	>PTPN11-E7(TLAVLVQYY	2456	2160
>PTPN11-E7(TLAELVQYYM	13	>PTPN11-E7(TLAVLVQYYM	30	17
>PTPN11-E7(TLAELVQYYM	448	>PTPN11-E7(TLAVLVQYYM	843	395
>PTPN11-E7(TLAELVQYY	179	>PTPN11-E7(TLAVLVQYY	3342	3163
>PTPN11-E7(TLAELVQYYM	7	>PTPN11-E7(TLAVLVQYYM	62	55
>PTPN11-E7(TLAELVQYYM	25	>PTPN11-E7(TLAVLVQYYM	277	252
>PTPN11-E7(TLAELVQYYM	21	>PTPN11-E7(TLAVLVQYYM	101	80
>PTPN11-E7(TLAELVQYYM	7	>PTPN11-E7(TLAVLVQYYM	29	22
>PTPN11-E7(TLAELVQYY	389	>PTPN11-E7(TLAVLVQYY	3231	2842
>PTPN11-E7(TLAELVQYYM	26	>PTPN11-E7(TLAVLVQYYM	160	134
>PTPN11-E7(TLAELVQYY	248	>PTPN11-E7(TLAVLVQYY	3377	3129
>PTPN11-E7(TLAELVQY	243	>PTPN11-E7(TLAVLVQY	1073	830
>PTPN11-E7(TLAELVQYY	80	>PTPN11-E7(TLAVLVQYY	377	297
>PTPN11-E7(TLAELVQY	64	>PTPN11-E7(TLAVLVQY	57	7
>PTPN11-E7(TLAELVQYY	40	>PTPN11-E7(TLAVLVQYY	38	2
>PTPN11-E7(TLAELVQY	681	>PTPN11-E7(TLAVLVQY	457	224
>PTPN11-E7(TLAELVQYY	262	>PTPN11-E7(TLAVLVQYY	183	79
>PTPN11-E7(TLAELVQYYM	497	>PTPN11-E7(TLAVLVQYYM	1748	1251
>PTPN11-E7(TLAELVQYYM	91	>PTPN11-E7(TLAVLVQYYM	887	796
>PTPN11-E7(TLAELVQY	182	>PTPN11-E7(TLAVLVQY	187	5
>PTPN11-E7(TLAELVQYY	32	>PTPN11-E7(TLAVLVQYY	40	8
>PTPN11-E7(TLAELVQY	204	>PTPN11-E7(TLAVLVQY	250	46
>PTPN11-E7(TLAELVQYY	102	>PTPN11-E7(TLAVLVQYY	143	41
>PTPN11-E7(TLAELVQY	332	>PTPN11-E7(TLAVLVQY	422	90
>PTPN11-E7(TLAELVQYY	207	>PTPN11-E7(TLAVLVQYY	316	109
>PTPN11-E7(TLAELVQYYM	291	>PTPN11-E7(TLAVLVQYYM	187	104

>PTPN11-E7€TLAELVQY	482	>PTPN11-E7€TLAVLVQY	1421	939
>PTPN11-E7€TLAELVQYY	700	>PTPN11-E7€TLAVLVQYY	270	430
>PTPN11-E7€ATLAELVQYY	167	>PTPN11-E7€ATLAVLVQYY	154	13
>PTPN11-E7€ATLAELVQYY	442	>PTPN11-E7€ATLAVLVQYY	252	190
>PTPN11-E7€ATLAELVQYY	558	>PTPN11-E7€ATLAVLVQYY	490	68
>PTPN11-E7€ATLAELVQYY	285	>PTPN11-E7€ATLAVLVQYY	207	78
>PTPN11-E7€ATLAELVQYY	247	>PTPN11-E7€ATLAVLVQYY	66	181
>PTPN11-E7€ATLAELVQYY	371	>PTPN11-E7€ATLAVLVQYY	131	240
>PTPN11-E7€ATLAELVQY	112	>PTPN11-E7€ATLAVLVQY	37	75
>PTPN11-E7€ATLAELVQYY	73	>PTPN11-E7€ATLAVLVQYY	46	27
>PTPN11-E7€ATLAELVQYY	152	>PTPN11-E7€ATLAVLVQYY	218	66
>PTPN11-E7€ATLAELVQY	8	>PTPN11-E7€ATLAVLVQY	17	9
>PTPN11-E7€ATLAELVQYY	8	>PTPN11-E7€ATLAVLVQYY	13	5
>PTPN11-E7€ATLAELVQYY	28	>PTPN11-E7€ATLAVLVQYY	40	12
>PTPN11-E7€ATLAELVQY	70	>PTPN11-E7€ATLAVLVQY	53	17
>PTPN11-E7€ATLAELVQYY	196	>PTPN11-E7€ATLAVLVQYY	60	136
>PTPN11-E7€ATLAELVQYY	930	>PTPN11-E7€ATLAVLVQYY	474	456
>PTPN11-E7€ATLAELVQYY	781	>PTPN11-E7€ATLAVLVQYY	405	376
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>PTPN11-E7€ATLAELVQYY	72	>PTPN11-E7€ATLAVLVQYY	33	39
>PTPN11-E7€ATLAELVQY	342	>PTPN11-E7€ATLAVLVQY	77	265
>PTPN11-E7€ATLAELVQYY	1288	>PTPN11-E7€ATLAVLVQYY	454	834
>PTPN11-E7€ATLAELVQYY	363	>PTPN11-E7€ATLAVLVQYY	148	215
>PTPN11-E7€ATLAELVQY	256	>PTPN11-E7€ATLAVLVQY	114	142
>PTPN11-E7€ATLAELVQYY	70	>PTPN11-E7€ATLAVLVQYY	47	23
>PTPN11-E7€ATLAELVQYY	556	>PTPN11-E7€ATLAVLVQYY	428	128
>PTPN11-E7€ATLAELVQYY	290	>PTPN11-E7€ATLAVLVQYY	294	4
>PTPN11-E7€ATLAELVQY	5	>PTPN11-E7€ATLAVLVQY	5	0
>PTPN11-E7€ATLAELVQYY	5	>PTPN11-E7€ATLAVLVQYY	5	0
>PTPN11-E7€ATLAELVQYY	23	>PTPN11-E7€ATLAVLVQYY	33	10
>PTPN11-E7€ATLAELVQY	1820	>PTPN11-E7€ATLAVLVQY	172	1648
>PTPN11-E7€ATLAELVQYY	460	>PTPN11-E7€ATLAVLVQYY	105	355
>PTPN11-E7€ATLAELVQYY	302	>PTPN11-E7€ATLAVLVQYY	79	223
>PTPN11-E7€ATLAELVQYY	379	>PTPN11-E7€ATLAVLVQYY	258	121
>PTPN11-E7€ATLAELVQY	166	>PTPN11-E7€ATLAVLVQY	30	136
>PTPN11-E7€ATLAELVQYY	136	>PTPN11-E7€ATLAVLVQYY	127	9
>PTPN11-E7€ATLAELVQYY	137	>PTPN11-E7€ATLAVLVQYY	37	100
>PTPN11-E7€FATLAELVQY	360	>PTPN11-E7€FATLAVLVQY	453	93
>PTPN11-E7€FATLAELV	189	>PTPN11-E7€FATLAVLV	150	39
>PTPN11-E7€FATLAELV	1117	>PTPN11-E7€FATLAVLV	321	796
>PTPN11-E7€FATLAELV	38	>PTPN11-E7€FATLAVLV	24	14
>PTPN11-E7€FATLAELV	829	>PTPN11-E7€FATLAVLV	286	543
>PTPN11-E7€FATLAELV	97	>PTPN11-E7€FATLAVLV	37	60

>PTPN11-E7€FATLAELVQY	717	>PTPN11-E7€FATLAVLVQY	372	345
>PTPN11-E7€FATLAELVQY	99	>PTPN11-E7€FATLAVLVQY	73	26
>PTPN11-E7€FATLAELVQY	693	>PTPN11-E7€FATLAVLVQY	413	280
>PTPN11-E7€FATLAELV	99	>PTPN11-E7€FATLAVLV	55	44
>PTPN11-E7€FATLAELV	1002	>PTPN11-E7€FATLAVLV	315	687
>PTPN11-E7€FATLAELVQY	764	>PTPN11-E7€FATLAVLVQY	427	337
>PTPN11-E7€FATLAELVQY	41	>PTPN11-E7€FATLAVLVQY	31	10
>PTPN11-E7€FATLAELVQY	41	>PTPN11-E7€FATLAVLVQY	25	16
>PTPN11-E7€FATLAELVQY	27	>PTPN11-E7€FATLAVLVQY	33	6
>PTPN11-E7€FATLAELVQY	310	>PTPN11-E7€FATLAVLVQY	234	76
>PTPN11-E7€FATLAELV	1144	>PTPN11-E7€FATLAVLV	219	925
>PTPN11-E7€FATLAELVQY	866	>PTPN11-E7€FATLAVLVQY	211	655
>PTPN11-E7€FATLAELVQY	221	>PTPN11-E7€FATLAVLVQY	115	106
>PTPN11-E7€FATLAELVQY	104	>PTPN11-E7€FATLAVLVQY	97	7
>PTPN11-E7€KFATLAEL	82	>PTPN11-E7€KFATLAVL	400	318
>PTPN11-E7€KFATLAELV	64	>PTPN11-E7€KFATLAVLV	106	42
>PTPN11-E7€KFATLAEL	221	>PTPN11-E7€KFATLAVL	339	118
>PTPN11-E7€KFATLAELVQ	27	>PTPN11-E7€KFATLAVLVQ	22	5
>PTPN11-E7€KFATLAELVQ	319	>PTPN11-E7€KFATLAVLVQ	259	60
>PTPN11-E7€KFATLAELVQ	117	>PTPN11-E7€KFATLAVLVQ	100	17
>PTPN11-E7€KFATLAELVQ	144	>PTPN11-E7€KFATLAVLVQ	126	18
>PTPN11-E7€KFATLAELVQ	1428	>PTPN11-E7€KFATLAVLVQ	436	992
>PTPN11-E7€KFATLAEL	210	>PTPN11-E7€KFATLAVL	209	1
>PTPN11-E7€KFATLAELV	149	>PTPN11-E7€KFATLAVLV	193	44
>PTPN11-E7€EKFATLAE	23963	>PTPN11-E7€EKFATLAV	384	23579
>PTPN11-E7€EKFATLAE	2737	>PTPN11-E7€EKFATLAV	32	2705
>PTPN11-E7€EKFATLAEL	36	>PTPN11-E7€EKFATLAVL	29	7
>PTPN11-E7€EKFATLAELV	324	>PTPN11-E7€EKFATLAVLV	120	204
>PTPN11-E7€EKFATLAE	12113	>PTPN11-E7€EKFATLAV	222	11891
>PTPN11-E7€EKFATLAEL	89	>PTPN11-E7€EKFATLAVL	17	72
>PTPN11-E7€EKFATLAELV	2304	>PTPN11-E7€EKFATLAVLV	416	1888
>PTPN11-E7€GEKFATLAEL'	114	>PTPN11-E7€GEKFATLAVL'	162	48
>PTPN11-E7€GEKFATLAE	3584	>PTPN11-E7€GEKFATLAV	70	3514
>PTPN11-E7€GEKFATLAEL'	110	>PTPN11-E7€GEKFATLAVL'	99	11
>PTPN11-E7€GEKFATLAE	1529	>PTPN11-E7€GEKFATLAV	54	1475
>PTPN11-E7€GEKFATLAEL	173	>PTPN11-E7€GEKFATLAVL	250	77
>PTPN11-E7€GEKFATLAEL'	367	>PTPN11-E7€GEKFATLAVL'	247	120
>PTPN11-E7€GEKFATLAE	2675	>PTPN11-E7€GEKFATLAV	66	2609
>PTPN11-E7€GEKFATLAEL'	309	>PTPN11-E7€GEKFATLAVL'	170	139
>PTPN11-E7€GEKFATLAE	2524	>PTPN11-E7€GEKFATLAV	12	2512
>PTPN11-E7€GEKFATLAEL	478	>PTPN11-E7€GEKFATLAVL	397	81
>PTPN11-E7€GEKFATLAEL'	9	>PTPN11-E7€GEKFATLAVL'	8	1
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>PTPN11-F71FATLAELV	189	>PTPN11-F71KATLAELV	2522	2333
>PTPN11-F71FATLAELV	38	>PTPN11-F71KATLAELV	551	513
>PTPN11-F71FATLAELV	97	>PTPN11-F71KATLAELV	2800	2703
>PTPN11-F71FATLAELVQY	99	>PTPN11-F71KATLAELVQY	1422	1323
>PTPN11-F71FATLAELVQY	2617	>PTPN11-F71KATLAELVQY	329	2288
>PTPN11-F71FATLAELV	99	>PTPN11-F71KATLAELV	4738	4639
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>PTPN11-F71FATLAELVQY	27	>PTPN11-F71KATLAELVQY	1145	1118
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>PTPN11-F71FATLAELVQY	866	>PTPN11-F71KATLAELVQY	54	812
>PTPN11-F71FATLAELVQY	221	>PTPN11-F71KATLAELVQY	29	192
>PTPN11-F71FATLAELVQY	104	>PTPN11-F71KATLAELVQY	159	55
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>PTPN11-F71KFATLAELV	64	>PTPN11-F71KKATLAELV	1039	975
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>PTPN11-F71KFATLAELVQ	117	>PTPN11-F71KKATLAELVQ	1419	1302
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>PTPN11-F71KFATLAELVQ	3922	>PTPN11-F71KKATLAELVQ	11	3911
>PTPN11-F71KFATLAEL	1473	>PTPN11-F71KKATLAEL	165	1308
>PTPN11-F71KFATLAELVQ	144	>PTPN11-F71KKATLAELVQ	1411	1267
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>PTPN11-F71KFATLAELV	149	>PTPN11-F71KKATLAELV	24208	24059
>PTPN11-F71DYYDLYGGEK	108	>PTPN11-F71DYYDLYGGEK	5154	5046
>PTPN11-F71DYYDLYGGEK	44	>PTPN11-F71DYYDLYGGEK	8720	8676
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>PTPN11-F71DYYDLYGGEK	15154	>PTPN11-F71DYYDLYGGEK	441	14713
>PTPN11-F71EKFATLAEL	36	>PTPN11-F71EKKATLAEL	276	240
>PTPN11-F71EKFATLAELV	324	>PTPN11-F71EKKATLAELV	2059	1735
>PTPN11-F71EKFATLAEL	89	>PTPN11-F71EKKATLAEL	6976	6887
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>PTPN11-F71GEKFATLAEL'	114	>PTPN11-F71GEKKATLAEL'	68	46
>PTPN11-F71GEKFATLAEL'	110	>PTPN11-F71GEKKATLAEL'	202	92
>PTPN11-F71GEKFATLA	277	>PTPN11-F71GEKKATLA	431	154
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>PTPN11-F71GEKFATLAEL'	367	>PTPN11-F71GEKKATLAEL'	352	15
>PTPN11-F71GEKFATLA	55	>PTPN11-F71GEKKATLA	134	79
>PTPN11-F71GEKFATLAEL'	309	>PTPN11-F71GEKKATLAEL'	554	245
>PTPN11-F71GEKFATLAEL	478	>PTPN11-F71GEKKATLAEL	1351	873



>PTPN11-F71GEKFATLAEL'	9	>PTPN11-F71GEKKATLAEL'	7	2
>PTPN11-F71YGGEKFATL	410	>PTPN11-F71YGGEKKATL	10720	10310
>PTPN11-F71YGGEKFATL	121	>PTPN11-F71YGGEKKATL	876	755
>PTPN11-F71LYGGEKFATL	7	>PTPN11-F71LYGGEKKATL	19	12
>PTPN11-F71DLYGGEKFA	494	>PTPN11-F71DLYGGEKKA	1934	1440
>PTPN11-F71DLYGGEKFAT	31	>PTPN11-F71DLYGGEKKAT	68	37
>PTPN11-F71DLYGGEKFAT	396	>PTPN11-F71DLYGGEKKAT	1130	734
>PTPN11-F71DLYGGEKFA	293	>PTPN11-F71DLYGGEKKA	1841	1548
>PTPN11-F71DLYGGEKFAT	66	>PTPN11-F71DLYGGEKKAT	149	83
>PTPN11-F71DLYGGEKFAT	205	>PTPN11-F71DLYGGEKKAT	706	501
>PTPN11-F71DLYGGEKFA	143	>PTPN11-F71DLYGGEKKA	252	109
>PTPN11-F71DLYGGEKFAT	11	>PTPN11-F71DLYGGEKKAT	15	4
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>PTPN11-F71DLYGGEKF	82	>PTPN11-F71DLYGGEKK	12196	12114
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>PTPN11-F71YDLYGGEKF	183	>PTPN11-F71YDLYGGEKK	17998	17815
>PTPN11-F71YYDLYGGEKF	31	>PTPN11-F71YYDLYGGEKK	24944	24913
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>PTPN11-F71YYDLYGGEKF	7	>PTPN11-F71YYDLYGGEKK	5417	5410
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>PTPN11-F71FATLAELVQY	360	>PTPN11-F71LATLAELVQY	751	391
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>PTPN11-F71FATLAELVQY	99	>PTPN11-F71LATLAELVQY'	451	352
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>PTPN11-F71FATLAELVQY	27	>PTPN11-F71LATLAELVQY'	65	38
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>PTPN11-F71FATLAELVQY	866	>PTPN11-F71LATLAELVQY	424	442
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>PTPN11-F71KFATLAEL	7905	>PTPN11-F71KLATLAEL	23	7882
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>PTPN11-F71KFATLAEL	82	>PTPN11-F71KLATLAEL	4	78
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>PTPN11-F71KFATLAELV	14178	>PTPN11-F71KLATLAELV	19	14159
>PTPN11-F71KFATLAEL	8580	>PTPN11-F71KLATLAEL	18	8562
>PTPN11-F71KFATLAELV	3122	>PTPN11-F71KLATLAELV	9	3113
>PTPN11-F71KFATLAEL	17044	>PTPN11-F71KLATLAEL	30	17014
>PTPN11-F71KFATLAELV	14441	>PTPN11-F71KLATLAELV	8	14433
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>PTPN11-F71KFATLAELV	7020	>PTPN11-F71KLATLAELV	5	7015
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>PTPN11-F71KFATLAELVQ	27	>PTPN11-F71KLATLAELVQ	68	41
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>PTPN11-F71YGGEKFATL	410	>PTPN11-F71YGGEKLATL	895	485
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>PTPN11-F71LYGGEKFATL	7	>PTPN11-F71LYGGEKLATL	9	2
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>PTPN11-F71DLYGGEKFA	293	>PTPN11-F71DLYGGEKLA	1740	1447
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>PTPN11-F71DLYGGEKFA	143	>PTPN11-F71DLYGGEKLA	176	33
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>PTPN11-F71DLYGGEKF	82	>PTPN11-F71DLYGGEKL	1249	1167
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>PTPN11-G5ISGMVQTEAC	179	>PTPN11-G5ISAMVQTEAC	283	104
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>PTPN11-G5IRSGMVQTEA	84	>PTPN11-G5IRSAMVQTEA	33	51
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>PTPN11-G5ISQRSGMVQT	574	>PTPN11-G5ISQRSAMVQT	248	326
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>PTPN11-G5IRSQRSGMVC	477	>PTPN11-G5IRSQRSAMVC	354	123
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>PTPN11-G5ISQRSRGMVQ	352	>PTPN11-G5ISQRSRGMVQ	900	548
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>PTPN11-G6INTGDYYDLY	896	>PTPN11-G6INTADYYDLY	202	694
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>PTPN11-G6 NTGDYYDL	482	>PTPN11-G6 NTADYYDL	21	461
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>PTPN11-G6 HIKIQNTGDY	257	>PTPN11-G6 HIKIQNTADY	386	129
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>PTPN11-G6 HIKIQNTGDY	440	>PTPN11-G6 HIKIQNTADY	1079	639
>PTPN11-G6 HIKIQNTGDY	654	>PTPN11-G6 HIKIQNTADY	301	353
>PTPN11-G6 HIKIQNTGDY	402	>PTPN11-G6 HIKIQNTADY	528	126
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>PTPN11-G6 HIKIQNTGDY	297	>PTPN11-G6 HIKIQNTADY	476	179
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>PTPN11-G6ITHIKIQTGD'	281	>PTPN11-G6ITHIKIQTAD'	257	24
>PTPN11-G6ITHIKIQTGD	247	>PTPN11-G6ITHIKIQTAD'	316	69
>PTPN11-G6ITHIKIQTGD'	301	>PTPN11-G6ITHIKIQTAD'	627	326
>PTPN11-G6ITHIKIQTG	939	>PTPN11-G6ITHIKIQNTA	450	489
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>PTPN11-G6INTGDYYDLY	1027	>PTPN11-G6INTRDYYDLY	78	949
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>PTPN11-G6INTGDYYDLY	40	>PTPN11-G6INTRDYYDLY	69	29
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>PTPN11-G6INTGDYYDL	482	>PTPN11-G6INTRDYYDL	1659	1177
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>PTPN11-G6IQNTGDYY	329	>PTPN11-G6IQNTRDYY	952	623
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>PTPN11-G6KIQNTGDYYC	452	>PTPN11-G6KIQNTRDYYD	1088	636
>PTPN11-G6KIQNTGDYY	212	>PTPN11-G6KIQNTRDYY	142	70
>PTPN11-G6KIQNTGDY	30	>PTPN11-G6KIQNTRDY	71	41
>PTPN11-G6KIQNTGDYY	32	>PTPN11-G6KIQNTRDYY	16	16
>PTPN11-G6KIQNTGDYYC	219	>PTPN11-G6KIQNTRDYYD	192	27
>PTPN11-G6KIQNTGDY	113	>PTPN11-G6KIQNTRDY	667	554
>PTPN11-G6KIQNTGDYY	332	>PTPN11-G6KIQNTRDYY	1782	1450
>PTPN11-G6KIQNTGDY	453	>PTPN11-G6KIQNTRDY	884	431
>PTPN11-G6KIQNTGDYY	229	>PTPN11-G6KIQNTRDYY	631	402
>PTPN11-G6KIQNTGDYY	135	>PTPN11-G6KIQNTRDYY	384	249
>PTPN11-G6KIQNTGDYY	478	>PTPN11-G6KIQNTRDYY	384	94
>PTPN11-G6IKIQNTGDY	416	>PTPN11-G6IKIQNTRDY	1606	1190
>PTPN11-G6IKIQNTGDY	165	>PTPN11-G6IKIQNTRDY	1345	1180
>PTPN11-G6IKIQNTGDYY	248	>PTPN11-G6IKIQNTRDYY	453	205
>PTPN11-G6IKIQNTGDY	37	>PTPN11-G6IKIQNTRDY	8	29

>PTPN11-G6IKIQNTGDYY	13	>PTPN11-G6IKIQNTRDYY	11	2
>PTPN11-G6HIKIQNTG	617	>PTPN11-G6HIKIQNTR	196	421
>PTPN11-G6HIKIQNTGDY	472	>PTPN11-G6HIKIQNTRDY	191	281
>PTPN11-G6HIKIQNTGDY	257	>PTPN11-G6HIKIQNTRDY	1073	816
>PTPN11-G6HIKIQNTGDY	197	>PTPN11-G6HIKIQNTRDY	137	60
>PTPN11-G6HIKIQNTG	19103	>PTPN11-G6HIKIQNTR	19	19084
>PTPN11-G6HIKIQNTG	29428	>PTPN11-G6HIKIQNTR	73	29355
>PTPN11-G6HIKIQNTG	33873	>PTPN11-G6HIKIQNTR	62	33811
>PTPN11-G6HIKIQNTGDY	440	>PTPN11-G6HIKIQNTRDY	1503	1063
>PTPN11-G6HIKIQNTGDY	402	>PTPN11-G6HIKIQNTRDY	701	299
>PTPN11-G6HIKIQNTGDY	273	>PTPN11-G6HIKIQNTRDY	416	143
>PTPN11-G6HIKIQNTGDY	297	>PTPN11-G6HIKIQNTRDY	819	522
>PTPN11-G6HIKIQNTGDY	564	>PTPN11-G6HIKIQNTRDY	407	157
>PTPN11-G6HIKIQNTG	31889	>PTPN11-G6HIKIQNTR	101	31788
>PTPN11-G6THIKIQNTGD	281	>PTPN11-G6THIKIQNTRD	687	406
>PTPN11-G6THIKIQNTGD	247	>PTPN11-G6THIKIQNTRD	863	616
>PTPN11-G6THIKIQNTG	35130	>PTPN11-G6THIKIQNTR	137	34993
>PTPN11-G6THIKIQNTGD	301	>PTPN11-G6THIKIQNTRD	933	632
>PTPN11-G6VTHIKIQNTG	28710	>PTPN11-G6VTHIKIQNTR	160	28550
>PTPN11-G6VTHIKIQNTG	35021	>PTPN11-G6VTHIKIQNTR	108	34913
>PTPN11-G6TGDYYDLY	200	>PTPN11-G6TVDYYDLY	17	183
>PTPN11-G6TGDYYDLY	1135	>PTPN11-G6TVDYYDLY	73	1062
>PTPN11-G6TGDYYDLY	3078	>PTPN11-G6TVDYYDLY	96	2982
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>PTPN11-G6AVTHIKIQNTG	20143	>PTPN11-G6AVTHIKIQNT	312	19831
>PTPN11-G6AVTHIKIQNTG	21538	>PTPN11-G6AVTHIKIQNT	414	21124
>PTPN11-G6AVTHIKIQNTG	23755	>PTPN11-G6AVTHIKIQNT	226	23529
>PTPN11-G6AVTHIKIQNTG	26736	>PTPN11-G6AVTHIKIQNT	312	26424
>PTPN11-G6AVTHIKIQNTG	31882	>PTPN11-G6AVTHIKIQNT	20	31862
>PTPN11-G6AVTHIKIQNTG	10778	>PTPN11-G6AVTHIKIQNT	52	10726
>PTPN11-G6NTGDYYDLY	33	>PTPN11-G6NTVDYYDLY	180	147
>PTPN11-G6NTGDYYDLY	896	>PTPN11-G6NTVDYYDLY	310	586
>PTPN11-G6NTGDYYDLY	1027	>PTPN11-G6NTVDYYDLY	11	1016
>PTPN11-G6NTGDYYDL	6994	>PTPN11-G6NTVDYYDL	342	6652
>PTPN11-G6NTGDYYDLY	429	>PTPN11-G6NTVDYYDLY	38	391
>PTPN11-G6NTGDYYDLY	40	>PTPN11-G6NTVDYYDLY	24	16
>PTPN11-G6NTGDYYDLY	213	>PTPN11-G6NTVDYYDLY	30	183
>PTPN11-G6NTGDYYDL	482	>PTPN11-G6NTVDYYDL	42	440
>PTPN11-G6NTGDYYDL	425	>PTPN11-G6NTVDYYDL	137	288
>PTPN11-G6NTGDYYDLY	255	>PTPN11-G6NTVDYYDLY	1078	823
>PTPN11-G6NTGDYYDLY	5232	>PTPN11-G6NTVDYYDLY	306	4926
>PTPN11-G6NTGDYYDLY	249	>PTPN11-G6NTVDYYDLY	56	193
>PTPN11-G6IQNTGDYY	329	>PTPN11-G6IQNTVDYY	761	432



>PTPN11-G6IQNTGDYYDL	132	>PTPN11-G6IQNTVDYYDL	223	91
>PTPN11-G6IQNTGDYY	23	>PTPN11-G6IQNTVDYY	31	8
>PTPN11-G6IQNTGDYYDL	42	>PTPN11-G6IQNTVDYYDL	52	10
>PTPN11-G6IQNTGDYY	73	>PTPN11-G6IQNTVDYY	86	13
>PTPN11-G6IQNTGDYYDL	124	>PTPN11-G6IQNTVDYYDL	167	43
>PTPN11-G6IQNTGDYY	245	>PTPN11-G6IQNTVDYY	1369	1124
>PTPN11-G6IQNTGDYY	27	>PTPN11-G6IQNTVDYY	28	1
>PTPN11-G6IQNTGDYYDL	132	>PTPN11-G6IQNTVDYYDL	112	20
>PTPN11-G6IQNTGDYYDL	50	>PTPN11-G6IQNTVDYYDL	52	2
>PTPN11-G6IKIQTGDYYC	452	>PTPN11-G6IKIQTVDYYD	241	211
>PTPN11-G6IKIQTGDYY	212	>PTPN11-G6IKIQTVDYY	116	96
>PTPN11-G6IKIQTGDYY	4971	>PTPN11-G6IKIQTVDYY	418	4553
>PTPN11-G6IKIQTGDY	30	>PTPN11-G6IKIQTVDY	91	61
>PTPN11-G6IKIQTGDYY	32	>PTPN11-G6IKIQTVDYY	33	1
>PTPN11-G6IKIQTGDY	2468	>PTPN11-G6IKIQTVDY	98	2370
>PTPN11-G6IKIQTGDYYC	219	>PTPN11-G6IKIQTVDYYD	122	97
>PTPN11-G6IKIQTGDY	113	>PTPN11-G6IKIQTVDY	211	98
>PTPN11-G6IKIQTGDYY	332	>PTPN11-G6IKIQTVDYY	304	28
>PTPN11-G6IKIQTGDY	453	>PTPN11-G6IKIQTVDY	350	103
>PTPN11-G6IKIQTGDYY	229	>PTPN11-G6IKIQTVDYY	211	18
>PTPN11-G6IKIQTGDYY	2193	>PTPN11-G6IKIQTVDYY	298	1895
>PTPN11-G6IKIQTGDYY	135	>PTPN11-G6IKIQTVDYY	403	268
>PTPN11-G6IKIQTGDYY	478	>PTPN11-G6IKIQTVDYY	399	79
>PTPN11-G6IKIQTGDY	416	>PTPN11-G6IKIQTVDY	523	107
>PTPN11-G6IKIQTGDY	165	>PTPN11-G6IKIQTVDY	1211	1046
>PTPN11-G6IKIQTGDYY	248	>PTPN11-G6IKIQTVDYY	382	134
>PTPN11-G6IKIQTGDY	37	>PTPN11-G6IKIQTVDY	4	33
>PTPN11-G6IKIQTGDYY	13	>PTPN11-G6IKIQTVDYY	7	6
>PTPN11-G6HIKIQTG	21343	>PTPN11-G6HIKIQNTV	234	21109
>PTPN11-G6HIKIQTG	34463	>PTPN11-G6HIKIQNTV	112	34351
>PTPN11-G6HIKIQTG	617	>PTPN11-G6HIKIQNTV	69	548
>PTPN11-G6HIKIQTGDY	472	>PTPN11-G6HIKIQNTVDY'	342	130
>PTPN11-G6HIKIQTGDY	257	>PTPN11-G6HIKIQNTVDY	1094	837
>PTPN11-G6HIKIQTGDY	197	>PTPN11-G6HIKIQNTVDY'	201	4
>PTPN11-G6HIKIQTGDY	440	>PTPN11-G6HIKIQNTVDY	1084	644
>PTPN11-G6HIKIQTGDY	654	>PTPN11-G6HIKIQNTVDY	456	198
>PTPN11-G6HIKIQTGDY	402	>PTPN11-G6HIKIQNTVDY'	328	74
>PTPN11-G6HIKIQTGDY	273	>PTPN11-G6HIKIQNTVDY	448	175
>PTPN11-G6HIKIQTGDY	297	>PTPN11-G6HIKIQNTVDY'	636	339
>PTPN11-G6THIKIQTG	21810	>PTPN11-G6THIKIQNTV	249	21561
>PTPN11-G6THIKIQTGD	281	>PTPN11-G6THIKIQNTVD'	327	46
>PTPN11-G6THIKIQTGD	247	>PTPN11-G6THIKIQNTVD'	773	526
>PTPN11-G6THIKIQTGD	301	>PTPN11-G6THIKIQNTVD'	621	320

>PTPN11-G6ITHIKIQTGD'	1591	>PTPN11-G6ITHIKIQTVD'	357	1234
>PTPN11-G6ITHIKIQTG	939	>PTPN11-G6ITHIKIQNTV	186	753
>PTPN11-G6ITHIKIQTG	9151	>PTPN11-G6ITHIKIQNTV	169	8982
>PTPN11-G6IVTHIKIQTG	23736	>PTPN11-G6IVTHIKIQNTV	109	23627
>PTPN11-G6IVTHIKIQTG	35347	>PTPN11-G6IVTHIKIQNTV	163	35184
>PTPN11-G6IVTHIKIQTG	6959	>PTPN11-G6IVTHIKIQNTV	414	6545
>PTPN11-G6IVTHIKIQTG	9637	>PTPN11-G6IVTHIKIQNTV	159	9478
>PTPN11-H5:HIKIQTGDY	472	>PTPN11-H5:QIKIQTGDY	4454	3982
>PTPN11-H5:HIKIQTGDY	257	>PTPN11-H5:QIKIQTGDY	373	116
>PTPN11-H5:HIKIQTGDY	197	>PTPN11-H5:QIKIQTGDY	294	97
>PTPN11-H5:HIKIQTGDY	440	>PTPN11-H5:QIKIQTGDY	1023	583
>PTPN11-H5:HIKIQTGDY	402	>PTPN11-H5:QIKIQTGDY	666	264
>PTPN11-H5:HIKIQTGDY	273	>PTPN11-H5:QIKIQTGDY	455	182
>PTPN11-H5:HIKIQTGDY	297	>PTPN11-H5:QIKIQTGDY	521	224
>PTPN11-H5:THIKIQTGD'	281	>PTPN11-H5:TQIKIQTGD	330	49
>PTPN11-H5:THIKIQTGD	247	>PTPN11-H5:TQIKIQTGD	72	175
>PTPN11-H5:THIKIQTGD'	301	>PTPN11-H5:TQIKIQTGD	180	121
>PTPN11-H5:THIKIQTGD	16747	>PTPN11-H5:TQIKIQTGD	140	16607
>PTPN11-H5:THIKIQTGD'	5266	>PTPN11-H5:TQIKIQTGD	330	4936
>PTPN11-H5:THIKIQTGD	1591	>PTPN11-H5:TQIKIQTGD	160	1431
>PTPN11-H5:RNGAVTHI	270	>PTPN11-H5:RNGAVTQI	210	60
>PTPN11-H5:RRNGAVTHI	407	>PTPN11-H5:RRNGAVTQI	645	238
>PTPN11-H5:RRNGAVTH	75	>PTPN11-H5:RRNGAVTQ	345	270
>PTPN11-H5:RRNGAVTHI	28	>PTPN11-H5:RRNGAVTQI	29	1
>PTPN11-H5:RRNGAVTHIK	19	>PTPN11-H5:RRNGAVTQIk	18	1
>PTPN11-H5:RRNGAVTHIK	31	>PTPN11-H5:RRNGAVTQIk	23	8
>PTPN11-H5:RRNGAVTH	558	>PTPN11-H5:RRNGAVTQ	283	275
>PTPN11-H5:RRNGAVTHI	238	>PTPN11-H5:RRNGAVTQI	195	43
>PTPN11-H5:RRNGAVTHIK	134	>PTPN11-H5:RRNGAVTQIk	128	6
>PTPN11-H5:RRNGAVTHIK	158	>PTPN11-H5:RRNGAVTQIk	155	3
>PTPN11-H5:RRNGAVTHI	164	>PTPN11-H5:RRNGAVTQI	309	145
>PTPN11-H5:RRNGAVTHIK	89	>PTPN11-H5:RRNGAVTQIk	70	19
>PTPN11-H5:RRNGAVTHIK	146	>PTPN11-H5:RRNGAVTQIk	185	39
>PTPN11-H5:VRRNGAVTH	471	>PTPN11-H5:VRRNGAVTQ	435	36
>PTPN11-H5:VRRNGAVTH	185	>PTPN11-H5:VRRNGAVTQ	263	78
>PTPN11-H5:VRRNGAVTH	418	>PTPN11-H5:VRRNGAVTQ	808	390
>PTPN11-H5:VRRNGAVTH	229	>PTPN11-H5:VRRNGAVTQ	429	200
>PTPN11-H5:SVRRNGAVTI	150	>PTPN11-H5:SVRRNGAVT(	45	105
>PTPN11-H5:SVRRNGAVTI	8	>PTPN11-H5:SVRRNGAVT(	12	4
>PTPN11-H5:SVRRNGAVTI	903	>PTPN11-H5:SVRRNGAVT(	437	466
>PTPN11-I28ILPFDHTRV	659	>PTPN11-I28MLPFDHTRV	166	493
>PTPN11-I28ILPFDHTRV	53	>PTPN11-I28MLPFDHTRV	12	41
>PTPN11-I28ILPFDHTRVV	364	>PTPN11-I28MLPFDHTRV'	186	178

>PTPN11-I28 ILPFDHTRVVI	236	>PTPN11-I28 MLPFDHTRV'	56	180
>PTPN11-I28 ILPFDHTRV	13	>PTPN11-I28 MLPFDHTRV	7	6
>PTPN11-I28 ILPFDHTRVV	183	>PTPN11-I28 MLPFDHTRV'	109	74
>PTPN11-I28 ILPFDHTRVVI	615	>PTPN11-I28 MLPFDHTRV'	160	455
>PTPN11-I28 ILPFDHTRV	597	>PTPN11-I28 MLPFDHTRV	189	408
>PTPN11-I28 ILPFDHTRV	10	>PTPN11-I28 MLPFDHTRV	6	4
>PTPN11-I28 ILPFDHTRVV	13	>PTPN11-I28 MLPFDHTRV'	7	6
>PTPN11-I28 ILPFDHTRVVI	305	>PTPN11-I28 MLPFDHTRV'	135	170
>PTPN11-I28 ILPFDHTRV	561	>PTPN11-I28 MLPFDHTRV	277	284
>PTPN11-I28 ILPFDHTRVV	195	>PTPN11-I28 MLPFDHTRV'	87	108
>PTPN11-I28 ILPFDHTRV	79	>PTPN11-I28 MLPFDHTRV	46	33
>PTPN11-I28 ILPFDHTRVV	170	>PTPN11-I28 MLPFDHTRV'	91	79
>PTPN11-I28 ILPFDHTRV	81	>PTPN11-I28 MLPFDHTRV	63	18
>PTPN11-I28 ILPFDHTRVV	91	>PTPN11-I28 MLPFDHTRV'	57	34
>PTPN11-I28 ILPFDHTRV	3	>PTPN11-I28 MLPFDHTRV	2	1
>PTPN11-I28 ILPFDHTRVV	7	>PTPN11-I28 MLPFDHTRV'	4	3
>PTPN11-I28 ILPFDHTRVVI	21	>PTPN11-I28 MLPFDHTRV'	9	12
>PTPN11-I28 ILPFDHTR	925	>PTPN11-I28 MLPFDHTR	160	765
>PTPN11-I28 ILPFDHTR	989	>PTPN11-I28 MLPFDHTR	406	583
>PTPN11-I28 ILPFDHTR	299	>PTPN11-I28 MLPFDHTR	35	264
>PTPN11-I28 ILPFDHTRV	2413	>PTPN11-I28 MLPFDHTRV	79	2334
>PTPN11-I28 ILPFDHTRVVI	256	>PTPN11-I28 MLPFDHTRV'	382	126
>PTPN11-I28 ILPFDHTR	197	>PTPN11-I28 MLPFDHTR	145	52
>PTPN11-I28 NILPFDHTRV	303	>PTPN11-I28 NMLPFDHTR'	38	265
>PTPN11-I28 NILPFDHTRV'	1241	>PTPN11-I28 NMLPFDHTR'	145	1096
>PTPN11-I28 NILPFDHTRV	584	>PTPN11-I28 NMLPFDHTR'	82	502
>PTPN11-I28 NILPFDHTRV'	1029	>PTPN11-I28 NMLPFDHTR'	165	864
>PTPN11-I28 NILPFDHTRV	205	>PTPN11-I28 NMLPFDHTR'	55	150
>PTPN11-I28 NILPFDHTRV'	521	>PTPN11-I28 NMLPFDHTR'	53	468
>PTPN11-I28 NILPFDHT	989	>PTPN11-I28 NMLPFDHT	251	738
>PTPN11-I28 NILPFDHTRV	213	>PTPN11-I28 NMLPFDHTR'	123	90
>PTPN11-I28 NILPFDHTRV'	201	>PTPN11-I28 NMLPFDHTR'	92	109
>PTPN11-I28 NILPFDHT	8862	>PTPN11-I28 NMLPFDHT	331	8531
>PTPN11-I28 NILPFDHTRV	41	>PTPN11-I28 NMLPFDHTR'	4	37
>PTPN11-I28 NILPFDHTRV'	51	>PTPN11-I28 NMLPFDHTR'	4	47
>PTPN11-I28 NILPFDHTRV	516	>PTPN11-I28 NMLPFDHTR'	12	504
>PTPN11-I28 NILPFDHTRV'	210	>PTPN11-I28 NMLPFDHTR'	5	205
>PTPN11-I28 NILPFDHTRV	177	>PTPN11-I28 NMLPFDHTR'	11	166
>PTPN11-I28 NILPFDHTRV'	395	>PTPN11-I28 NMLPFDHTR'	20	375
>PTPN11-I28 NILPFDHTRV	183	>PTPN11-I28 NMLPFDHTR'	7	176
>PTPN11-I28 NILPFDHTRV'	185	>PTPN11-I28 NMLPFDHTR'	8	177
>PTPN11-I28 NILPFDHTRV	15	>PTPN11-I28 NMLPFDHTR'	3	12
>PTPN11-I28 NILPFDHTRV'	82	>PTPN11-I28 NMLPFDHTR'	7	75

>PTPN11-I28 NILPFDHTR	153	>PTPN11-I28 NMLPFDHTR	26	127
>PTPN11-I28 NILPFDHTR	83	>PTPN11-I28 NMLPFDHTR	37	46
>PTPN11-I28 NILPFDHTR	27	>PTPN11-I28 NMLPFDHTR	58	31
>PTPN11-I28 NILPFDHTRV'	413	>PTPN11-I28 NMLPFDHTR'	1967	1554
>PTPN11-I28 NILPFDHTRV	30	>PTPN11-I28 NMLPFDHTR'	70	40
>PTPN11-I28 NILPFDHTRV'	59	>PTPN11-I28 NMLPFDHTR'	140	81
>PTPN11-I28 NILPFDHTR	24	>PTPN11-I28 NMLPFDHTR	19	5
>PTPN11-I28 KNILPFDHTR	129	>PTPN11-I28 KNMLPFDHT	53	76
>PTPN11-I28 KNILPFDHTR	48	>PTPN11-I28 KNMLPFDHT	39	9
>PTPN11-I28 YKNILPFDHTI	545	>PTPN11-I28 YKNMLPFDH'	390	155
>PTPN11-I28 YKNILPFDHTI	953	>PTPN11-I28 YKNMLPFDH'	385	568
>PTPN11-I28 YKNILPFDHTI	390	>PTPN11-I28 YKNMLPFDH'	376	14
>PTPN11-I28 RYKNILPF	33	>PTPN11-I28 RYKNMLPF	46	13
>PTPN11-I28 RYKNILPF	53	>PTPN11-I28 RYKNMLPF	65	12
>PTPN11-I28 RYKNILPF	5	>PTPN11-I28 RYKNMLPF	6	1
>PTPN11-I28 RYKNILPFDH'	397	>PTPN11-I28 RYKNMLPFDI	530	133
>PTPN11-I28 RYKNILPF	40	>PTPN11-I28 RYKNMLPF	33	7
>PTPN11-I28 RYKNILPFD	75	>PTPN11-I28 RYKNMLPFD	58	17
>PTPN11-I28 RYKNILPFDH	498	>PTPN11-I28 RYKNMLPFDI	397	101
>PTPN11-I28 RYKNILPFDH'	290	>PTPN11-I28 RYKNMLPFDI	258	32
>PTPN11-I28 RYKNILPF	157	>PTPN11-I28 RYKNMLPF	277	120
>PTPN11-I28 RYKNILPF	106	>PTPN11-I28 RYKNMLPF	119	13
>PTPN11-I28 RYKNILPF	479	>PTPN11-I28 RYKNMLPF	439	40
>PTPN11-I28 NRYKNILPF	9	>PTPN11-I28 NRYKNMLPF	13	4
>PTPN11-I28 NRYKNILPF	38	>PTPN11-I28 NRYKNMLPF	86	48
>PTPN11-I28 NRYKNILPF	352	>PTPN11-I28 NRYKNMLPF	270	82
>PTPN11-I28 NRYKNILP	374	>PTPN11-I28 NRYKNMLP	307	67
>PTPN11-I28 NRYKNILPFD	289	>PTPN11-I28 NRYKNMLPFI	321	32
>PTPN11-I28 NRYKNILPF	136	>PTPN11-I28 NRYKNMLPF	251	115
>PTPN11-I28 NRYKNILPF	31	>PTPN11-I28 NRYKNMLPF	87	56
>PTPN11-I28 KNRYKNIL	105	>PTPN11-I28 KNRYKNML	126	21
>PTPN11-I28 KNRYKNILP	224	>PTPN11-I28 KNRYKNMLP	147	77
>PTPN11-I28 KNRYKNILPF	112	>PTPN11-I28 KNRYKNMLP	95	17
>PTPN11-I28 KNRYKNILPFI	231	>PTPN11-I28 KNRYKNMLP	205	26
>PTPN11-I28 KNRYKNILPF	300	>PTPN11-I28 KNRYKNMLP	287	13
>PTPN11-I28 KNRYKNILPF	27	>PTPN11-I28 KNRYKNMLP	25	2
>PTPN11-I28 KNRYKNILPF	861	>PTPN11-I28 KNRYKNMLP	487	374
>PTPN11-I28 NKNRYKNI	654	>PTPN11-I28 NKNRYKNM	212	442
>PTPN11-I28 NKNRYKNILP	9	>PTPN11-I28 NKNRYKNML	11	2
>PTPN11-I28 NKNRYKNIL	300	>PTPN11-I28 NKNRYKNML	1095	795
>PTPN11-I28 KNKNRYKNI	87	>PTPN11-I28 KNKNRYKNM	267	180
>PTPN11-I28 KNKNRYKNIL	442	>PTPN11-I28 KNKNRYKNM	549	107
>PTPN11-I28 KNKNRYKNI	470	>PTPN11-I28 KNKNRYKNM	422	48

>PTPN11-I28 NKNKNRYKN	515	>PTPN11-I28 NKNKNRYKN	163	352
>PTPN11-I28 NKNKNRYKN	488	>PTPN11-I28 NKNKNRYKN	640	152
>PTPN11-I28 NKNKNRYKN	307	>PTPN11-I28 NKNKNRYKN	994	687
>PTPN11-L74 LAELVQYY	266	>PTPN11-L74 MAELVQYY	234	32
>PTPN11-L74 LAELVQYY	1220	>PTPN11-L74 MAELVQYY	344	876
>PTPN11-L74 LAELVQYY	4341	>PTPN11-L74 MAELVQYY	452	3889
>PTPN11-L74 LAELVQYYM	5669	>PTPN11-L74 MAELVQYYM	341	5328
>PTPN11-L74 LAELVQYY	293	>PTPN11-L74 MAELVQYY	121	172
>PTPN11-L74 LAELVQYY	240	>PTPN11-L74 MAELVQYY	42	198
>PTPN11-L74 LAELVQYYM	711	>PTPN11-L74 MAELVQYYM	84	627
>PTPN11-L74 LAELVQYYME	1990	>PTPN11-L74 MAELVQYYM	456	1534
>PTPN11-L74 LAELVQYY	915	>PTPN11-L74 MAELVQYY	434	481
>PTPN11-L74 LAELVQYYM	887	>PTPN11-L74 MAELVQYYM	341	546
>PTPN11-L74 LAELVQYYM	984	>PTPN11-L74 MAELVQYYM	341	643
>PTPN11-L74 LAELVQYYM	420	>PTPN11-L74 MAELVQYYM	572	152
>PTPN11-L74 TLAELVQYYM	36	>PTPN11-L74 TMAELVQYYI	33	3
>PTPN11-L74 TLAELVQYY	296	>PTPN11-L74 TMAELVQYY	426	130
>PTPN11-L74 TLAELVQYYM	13	>PTPN11-L74 TMAELVQYYI	15	2
>PTPN11-L74 TLAELVQYYM	448	>PTPN11-L74 TMAELVQYYI	461	13
>PTPN11-L74 TLAELVQYYM	556	>PTPN11-L74 TMAELVQYYI	374	182
>PTPN11-L74 TLAELVQYY	179	>PTPN11-L74 TMAELVQYY	104	75
>PTPN11-L74 TLAELVQYYM	7	>PTPN11-L74 TMAELVQYYI	5	2
>PTPN11-L74 TLAELVQYYM	25	>PTPN11-L74 TMAELVQYYI	18	7
>PTPN11-L74 TLAELVQYYM	21	>PTPN11-L74 TMAELVQYYI	21	0
>PTPN11-L74 TLAELVQYYM	7	>PTPN11-L74 TMAELVQYYI	6	1
>PTPN11-L74 TLAELVQYY	389	>PTPN11-L74 TMAELVQYY	723	334
>PTPN11-L74 TLAELVQYYM	26	>PTPN11-L74 TMAELVQYYI	49	23
>PTPN11-L74 TLAELVQYY	504	>PTPN11-L74 TMAELVQYY	390	114
>PTPN11-L74 TLAELVQYY	1323	>PTPN11-L74 TMAELVQYY	401	922
>PTPN11-L74 TLAELVQYY	248	>PTPN11-L74 TMAELVQYY	1639	1391
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>PTPN11-L74 TLAELVQY	64	>PTPN11-L74 TMAELVQY	23	41
>PTPN11-L74 TLAELVQYY	40	>PTPN11-L74 TMAELVQYY	16	24
>PTPN11-L74 TLAELVQY	681	>PTPN11-L74 TMAELVQY	161	520
>PTPN11-L74 TLAELVQYY	262	>PTPN11-L74 TMAELVQYY	64	198
>PTPN11-L74 TLAELVQYY	571	>PTPN11-L74 TMAELVQYY	403	168
>PTPN11-L74 TLAELVQYYM	497	>PTPN11-L74 TMAELVQYYI	200	297
>PTPN11-L74 TLAELVQYYM	91	>PTPN11-L74 TMAELVQYYI	68	23
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>PTPN11-L74 TLAELVQYY	32	>PTPN11-L74 TMAELVQYY	42	10
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>PTPN11-L74TLAELVQYY	102	>PTPN11-L74TMAELVQYY	46	56
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>PTPN11-L74TLAELVQY	332	>PTPN11-L74TMAELVQY	221	111
>PTPN11-L74TLAELVQYY	207	>PTPN11-L74TMAELVQYY	131	76
>PTPN11-L74TLAELVQY	1923	>PTPN11-L74TMAELVQY	193	1730
>PTPN11-L74TLAELVQYY	1108	>PTPN11-L74TMAELVQYY	87	1021
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>PTPN11-L74TLAELVQYYM	3363	>PTPN11-L74TMAELVQYYI	280	3083
>PTPN11-L74TLAELVQYYM	291	>PTPN11-L74TMAELVQYYI	390	99
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>PTPN11-L74DLYGGEKFAT	31	>PTPN11-L74DLYGGEKFAT	207	176
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>PTPN11-L74DLYGGEKFAT	2915	>PTPN11-L74DLYGGEKFAT	449	2466
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>PTPN11-L74DLYGGEKFAT	1548	>PTPN11-L74DLYGGEKFAT	460	1088
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>PTPN11-L74ATLAELVQYY	558	>PTPN11-L74ATMAELVQY'	36	522
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>PTPN11-L74ATLAELVQYY	247	>PTPN11-L74ATMAELVQY'	593	346
>PTPN11-L74ATLAELVQYY	371	>PTPN11-L74ATMAELVQY'	128	243
>PTPN11-L74ATLAELVQY	112	>PTPN11-L74ATMAELVQY	26	86
>PTPN11-L74ATLAELVQYY	73	>PTPN11-L74ATMAELVQY'	22	51
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>PTPN11-L74ATLAELVQYY	152	>PTPN11-L74ATMAELVQY'	96	56
>PTPN11-L74ATLAELVQY	8	>PTPN11-L74ATMAELVQY	5	3
>PTPN11-L74ATLAELVQYY	8	>PTPN11-L74ATMAELVQY'	4	4
>PTPN11-L74ATLAELVQYY	28	>PTPN11-L74ATMAELVQY'	11	17
>PTPN11-L74ATLAELVQY	70	>PTPN11-L74ATMAELVQY	111	41
>PTPN11-L74ATLAELVQYY	196	>PTPN11-L74ATMAELVQY'	112	84
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>PTPN11-L74ATLAELVQYY	72	>PTPN11-L74ATMAELVQY'	27	45
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>PTPN11-L74ATLAELVQYY	1544	>PTPN11-L74ATMAELVQY'	283	1261
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>PTPN11-L74ATLAELVQYY	363	>PTPN11-L74ATMAELVQY'	371	8
>PTPN11-L74ATLAELVQY	256	>PTPN11-L74ATMAELVQY	289	33
>PTPN11-L74ATLAELVQYY	70	>PTPN11-L74ATMAELVQY'	81	11
>PTPN11-L74ATLAELVQY	939	>PTPN11-L74ATMAELVQY	170	769
>PTPN11-L74ATLAELVQYY	556	>PTPN11-L74ATMAELVQY'	107	449

>PTPN11-L74ATLAELVQY	546	>PTPN11-L74ATMAELVQY	258	288
>PTPN11-L74ATLAELVQYY	290	>PTPN11-L74ATMAELVQY'	162	128
>PTPN11-L74ATLAELVQY	5	>PTPN11-L74ATMAELVQY	4	1
>PTPN11-L74ATLAELVQYY	5	>PTPN11-L74ATMAELVQY'	5	0
>PTPN11-L74ATLAELVQYY	23	>PTPN11-L74ATMAELVQY'	18	5
>PTPN11-L74ATLAELVQYY	460	>PTPN11-L74ATMAELVQY'	159	301
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>PTPN11-L74ATLAELVQY	166	>PTPN11-L74ATMAELVQY	133	33
>PTPN11-L74ATLAELVQYY	136	>PTPN11-L74ATMAELVQY'	63	73
>PTPN11-L74ATLAELVQYY	137	>PTPN11-L74ATMAELVQY'	106	31
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>PTPN11-L74ATLAELVQYY	612	>PTPN11-L74ATMAELVQY'	471	141
>PTPN11-L74FATLAELVQY	360	>PTPN11-L74FATMAELVQ'	282	78
>PTPN11-L74FATLAELV	189	>PTPN11-L74FATMAELV	221	32
>PTPN11-L74FATLAELV	38	>PTPN11-L74FATMAELV	33	5
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>PTPN11-L74FATLAELV	97	>PTPN11-L74FATMAELV	34	63
>PTPN11-L74FATLAELVQY	99	>PTPN11-L74FATMAELVQ'	113	14
>PTPN11-L74FATLAELVQY	693	>PTPN11-L74FATMAELVQ'	323	370
>PTPN11-L74FATLAELVQY	778	>PTPN11-L74FATMAELVQ'	419	359
>PTPN11-L74FATLAELV	99	>PTPN11-L74FATMAELV	101	2
>PTPN11-L74FATLAELVQY	1330	>PTPN11-L74FATMAELVQ'	484	846
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>PTPN11-L74FATLAELVQY	41	>PTPN11-L74FATMAELVQ'	30	11
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>PTPN11-L74FATLAELVQY	27	>PTPN11-L74FATMAELVQ'	23	4
>PTPN11-L74FATLAELVQY'	310	>PTPN11-L74FATMAELVQ'	260	50
>PTPN11-L74FATLAELVQY	221	>PTPN11-L74FATMAELVQ'	150	71
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>PTPN11-L74KFATLAEL	221	>PTPN11-L74KFATMAEL	338	117
>PTPN11-L74KFATLAELVQ	27	>PTPN11-L74KFATMAELVQ	25	2
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>PTPN11-L74EKFATLAEL	36	>PTPN11-L74EKFATMAEL	34	2
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>PTPN11-L74GEKFATLA	283	>PTPN11-L74GEKFATMA	999	716
>PTPN11-L74GEKFATLAEL'	114	>PTPN11-L74GEKFATMAEI	116	2
>PTPN11-L74GEKFATLAEL'	110	>PTPN11-L74GEKFATMAEI	109	1
>PTPN11-L74GEKFATLA	277	>PTPN11-L74GEKFATMA	191	86
>PTPN11-L74GEKFATLAEL	173	>PTPN11-L74GEKFATMAEI	173	0
>PTPN11-L74GEKFATLAEL'	367	>PTPN11-L74GEKFATMAEI	405	38
>PTPN11-L74GEKFATLA	55	>PTPN11-L74GEKFATMA	40	15
>PTPN11-L74GEKFATLAEL'	309	>PTPN11-L74GEKFATMAEI	329	20
>PTPN11-L74GEKFATLAEL	478	>PTPN11-L74GEKFATMAEI	179	299
>PTPN11-L74GEKFATLAEL'	9	>PTPN11-L74GEKFATMAEI	7	2
>PTPN11-L74YGGEKFATL	653	>PTPN11-L74YGGEKFATM	499	154
>PTPN11-L74YGGEKFATL	410	>PTPN11-L74YGGEKFATM	2365	1955
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>PTPN11-L74LYGGEKFATL	7	>PTPN11-L74LYGGEKFATM	29	22
>PTPN11-L77ELVQYYMEH	2320	>PTPN11-L77EVVQYYMEH	137	2183
>PTPN11-L77ELVQYYMEH	4289	>PTPN11-L77EVVQYYMEH	116	4173
>PTPN11-L77ELVQYYMEHI	139	>PTPN11-L77EVVQYYMEH	10	129
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>PTPN11-L77AELVQYYM	34	>PTPN11-L77AEVVQYYM	65	31
>PTPN11-L77AELVQYYM	278	>PTPN11-L77AEVVQYYM	386	108
>PTPN11-L77AELVQYYM	121	>PTPN11-L77AEVVQYYM	117	4
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>PTPN11-L77AELVQYYM	148	>PTPN11-L77AEVVQYYM	208	60
>PTPN11-L77AELVQYYME	269	>PTPN11-L77AEVVQYYME	364	95
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>PTPN11-L77LAELVQYY	266	>PTPN11-L77LAEVVQYY	271	5
>PTPN11-L77LAELVQYY	845	>PTPN11-L77LAEVVQYY	451	394
>PTPN11-L77LAELVQYY	293	>PTPN11-L77LAEVVQYY	322	29
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>PTPN11-L77LAELVQYYM	984	>PTPN11-L77LAEVVQYYM	232	752
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>PTPN11-L77TLAELVQYYM	448	>PTPN11-L77TLAEVVQYYM	628	180
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>PTPN11-L77TLAELVQYYM	25	>PTPN11-L77TLAEVVQYYM	20	5
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>PTPN11-L77TLAELVQYYM	21	>PTPN11-L77TLAEVVQYYM	17	4
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>PTPN11-L77TLAELVQYY	389	>PTPN11-L77TLAEVVQYY	371	18
>PTPN11-L77TLAELVQYYM	26	>PTPN11-L77TLAEVVQYYM	23	3
>PTPN11-L77TLAELVQYY	504	>PTPN11-L77TLAEVVQYY	226	278
>PTPN11-L77TLAELVQYY	248	>PTPN11-L77TLAEVVQYY	71	177
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>PTPN11-L77TLAELVQYYM	91	>PTPN11-L77TLAEVVQYYM	88	3
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>PTPN11-L77TLAELVQY	482	>PTPN11-L77TLAEVVQY	219	263
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>PTPN11-L77ATLAELVQYY	167	>PTPN11-L77ATLAEVVQYY	122	45
>PTPN11-L77ATLAELVQYY	442	>PTPN11-L77ATLAEVVQYY	488	46
>PTPN11-L77ATLAELVQYY	285	>PTPN11-L77ATLAEVVQYY	522	237
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>PTPN11-L77ATLAELVQY	112	>PTPN11-L77ATLAEVVQY	98	14
>PTPN11-L77ATLAELVQYY	73	>PTPN11-L77ATLAEVVQYY	56	17
>PTPN11-L77ATLAELVQYY	152	>PTPN11-L77ATLAEVVQYY	168	16
>PTPN11-L77ATLAELVQY	8	>PTPN11-L77ATLAEVVQY	15	7
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>PTPN11-L77ATLAELVQYY	28	>PTPN11-L77ATLAEVVQYY	38	10
>PTPN11-L77ATLAELVQY	70	>PTPN11-L77ATLAEVVQY	152	82
>PTPN11-L77ATLAELVQYY	196	>PTPN11-L77ATLAEVVQYY	118	78
>PTPN11-L77ATLAELVQYY	72	>PTPN11-L77ATLAEVVQYY	43	29
>PTPN11-L77ATLAELVQY	342	>PTPN11-L77ATLAEVVQY	130	212
>PTPN11-L77ATLAELVQYY	363	>PTPN11-L77ATLAEVVQYY	372	9
>PTPN11-L77ATLAELVQY	256	>PTPN11-L77ATLAEVVQY	411	155
>PTPN11-L77ATLAELVQYY	70	>PTPN11-L77ATLAEVVQYY	103	33
>PTPN11-L77ATLAELVQY	939	>PTPN11-L77ATLAEVVQY	433	506
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>PTPN11-L77ATLAELVQY	546	>PTPN11-L77ATLAEEVVQY	186	360
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>PTPN11-L77ATLAELVQY	5	>PTPN11-L77ATLAEEVVQY	4	1
>PTPN11-L77ATLAELVQYY	5	>PTPN11-L77ATLAEEVVQYY	5	0
>PTPN11-L77ATLAELVQYY	23	>PTPN11-L77ATLAEEVVQYY	18	5
>PTPN11-L77ATLAELVQYY	460	>PTPN11-L77ATLAEEVVQYY	218	242
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>PTPN11-L77ATLAELVQYY	379	>PTPN11-L77ATLAEEVVQYY	337	42
>PTPN11-L77ATLAELVQY	166	>PTPN11-L77ATLAEEVVQY	278	112
>PTPN11-L77ATLAELVQYY	136	>PTPN11-L77ATLAEEVVQYY	125	11
>PTPN11-L77ATLAELVQYY	137	>PTPN11-L77ATLAEEVVQYY	179	42
>PTPN11-L77ATLAELVQY	505	>PTPN11-L77ATLAEEVVQY	364	141
>PTPN11-L77ATLAELVQYY	612	>PTPN11-L77ATLAEEVVQYY	493	119
>PTPN11-L77FATLAELVQY	360	>PTPN11-L77FATLAEEVVQY	572	212
>PTPN11-L77FATLAELV	189	>PTPN11-L77FATLAEEVV	756	567
>PTPN11-L77FATLAELV	38	>PTPN11-L77FATLAEEVV	103	65
>PTPN11-L77FATLAELV	97	>PTPN11-L77FATLAEEVV	139	42
>PTPN11-L77FATLAELVQY	99	>PTPN11-L77FATLAEEVVQY	252	153
>PTPN11-L77FATLAELVQY	778	>PTPN11-L77FATLAEEVVQY	359	419
>PTPN11-L77FATLAELV	99	>PTPN11-L77FATLAEEVV	164	65
>PTPN11-L77FATLAELVQY	41	>PTPN11-L77FATLAEEVVQY	42	1
>PTPN11-L77FATLAELVQY	41	>PTPN11-L77FATLAEEVVQY	84	43
>PTPN11-L77FATLAELVQY	27	>PTPN11-L77FATLAEEVVQY	25	2
>PTPN11-L77FATLAELVQY	310	>PTPN11-L77FATLAEEVVQY	357	47
>PTPN11-L77FATLAELVQY	221	>PTPN11-L77FATLAEEVVQY	356	135
>PTPN11-L77FATLAELVQY	104	>PTPN11-L77FATLAEEVVQY	209	105
>PTPN11-L77KFATLAEL	82	>PTPN11-L77KFATLAEEV	65	17
>PTPN11-L77KFATLAELV	64	>PTPN11-L77KFATLAEEVV	515	451
>PTPN11-L77KFATLAEL	221	>PTPN11-L77KFATLAEEV	4825	4604
>PTPN11-L77KFATLAELVQ	27	>PTPN11-L77KFATLAEEVVQ	44	17
>PTPN11-L77KFATLAELVQ	319	>PTPN11-L77KFATLAEEVVQ	440	121
>PTPN11-L77KFATLAELVQ	117	>PTPN11-L77KFATLAEEVVQ	185	68
>PTPN11-L77KFATLAELVQ	144	>PTPN11-L77KFATLAEEVVQ	178	34
>PTPN11-L77KFATLAEL	210	>PTPN11-L77KFATLAEEV	287	77
>PTPN11-L77KFATLAELV	149	>PTPN11-L77KFATLAEEVV	276	127
>PTPN11-L77EKFATLAEL	1348	>PTPN11-L77EKFATLAEEV	82	1266
>PTPN11-L77EKFATLAEL	3821	>PTPN11-L77EKFATLAEEV	423	3398
>PTPN11-L77EKFATLAEL	36	>PTPN11-L77EKFATLAEEV	82	46
>PTPN11-L77EKFATLAELV	324	>PTPN11-L77EKFATLAEEVV	100	224
>PTPN11-L77EKFATLAEL	89	>PTPN11-L77EKFATLAEEV	1795	1706
>PTPN11-L77GEKFATLAEL	881	>PTPN11-L77GEKFATLAEEV	322	559
>PTPN11-L77GEKFATLAEL'	114	>PTPN11-L77GEKFATLAEEV	517	403
>PTPN11-L77GEKFATLAEL'	110	>PTPN11-L77GEKFATLAEEV	86	24

>PTPN11-L77GEKFATLAEL	173	>PTPN11-L77GEKFATLAEV	400	227
>PTPN11-L77GEKFATLAEL'	367	>PTPN11-L77GEKFATLAEV	202	165
>PTPN11-L77GEKFATLAEL'	309	>PTPN11-L77GEKFATLAEV	119	190
>PTPN11-L77GEKFATLAEL	478	>PTPN11-L77GEKFATLAEV	612	134
>PTPN11-L77GEKFATLAEL'	9	>PTPN11-L77GEKFATLAEV	13	4
>PTPN11-N3INIIMPEFETK	300	>PTPN11-N3IDIIMPEFETK	1108	808
>PTPN11-N3INIIMPEFETK	31	>PTPN11-N3IDIIMPEFETK	88	57
>PTPN11-N3INIIMPEFETK	8	>PTPN11-N3IDIIMPEFETK	13	5
>PTPN11-N3IANIIMPEF	9434	>PTPN11-N3ADIIMPEF	214	9220
>PTPN11-N3IANIIMPEFETI	465	>PTPN11-N3ADIIMPEFETI	958	493
>PTPN11-N3INANIIMPEF	269	>PTPN11-N3INADIIMPEF	721	452
>PTPN11-N3INANIIMPEF	175	>PTPN11-N3INADIIMPEF	380	205
>PTPN11-N3INANIIMPEF	126	>PTPN11-N3INADIIMPEF	263	137
>PTPN11-N3IYINANIIM	420	>PTPN11-N3IYNADIIM	532	112
>PTPN11-N3IYINANIIMPEF	315	>PTPN11-N3IYNADIIMPEF	213	102
>PTPN11-N3IYINANIIM	373	>PTPN11-N3IYNADIIM	744	371
>PTPN11-N3IYINANIIMPEF	137	>PTPN11-N3IYNADIIMPEF	98	39
>PTPN11-N3IYINANIIM	495	>PTPN11-N3IYNADIIM	700	205
>PTPN11-N3IYINANIIMPEF	97	>PTPN11-N3IYNADIIMPEF	109	12
>PTPN11-N3IYINANIIMPEF	102	>PTPN11-N3IYNADIIMPEF	146	44
>PTPN11-N3IYINANIIMPEF	161	>PTPN11-N3IYNADIIMPEF	419	258
>PTPN11-N3IYINANIIM	241	>PTPN11-N3IYNADIIM	177	64
>PTPN11-N3IYINANIIMPEF	209	>PTPN11-N3IYNADIIMPEF	236	27
>PTPN11-N3IYINANIIMPEF	293	>PTPN11-N3IYNADIIMPEF	293	0
>PTPN11-N3IDYINANII	178	>PTPN11-N3IDYNADII	717	539
>PTPN11-N3IDYINANII	316	>PTPN11-N3IDYNADII	513	197
>PTPN11-N3IDYINANII	444	>PTPN11-N3IDYNADII	1039	595
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>PTPN11-N3IDYINANIIM	333	>PTPN11-N3IDYNADIIM	375	42
>PTPN11-N3ISDYINANI	333	>PTPN11-N3ISDYINADI	340	7
>PTPN11-N3ISDYINANII	17	>PTPN11-N3ISDYINADII	16	1
>PTPN11-N3ISDYINANIIM	162	>PTPN11-N3ISDYINADIIM	420	258
>PTPN11-N3ISDYINANI	476	>PTPN11-N3ISDYINADI	360	116
>PTPN11-N3ISDYINANII	307	>PTPN11-N3ISDYINADII	202	105
>PTPN11-N3ISDYINANI	203	>PTPN11-N3ISDYINADI	165	38
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>PTPN11-N3ISDYINANI	49	>PTPN11-N3ISDYINADI	49	0
>PTPN11-N3ISDYINANII	19	>PTPN11-N3ISDYINADII	13	6
>PTPN11-N3IVSDYINANI	478	>PTPN11-N3IVSDYINADI	2094	1616
>PTPN11-N3IVSDYINANIIM	287	>PTPN11-N3IVSDYINADIIM	347	60
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>PTPN11-N3IVSDYINANIIM	62	>PTPN11-N3IVSDYINADIIM	141	79

>PTPN11-N3:VSDYINANI	148	>PTPN11-N3:VSDYINADI	398	250
>PTPN11-N3:EPVSDYINAN	192	>PTPN11-N3:EPVSDYINAD	1174	982
>PTPN11-N3:EPVSDYINAN	409	>PTPN11-N3:EPVSDYINAD	1027	618
>PTPN11-N3:EPVSDYINAN	40	>PTPN11-N3:EPVSDYINAD	103	63
>PTPN11-N3:NDFWRMV	233	>PTPN11-N3:SDFWRMV	1560	1327
>PTPN11-N3:NDFWRMV	1381	>PTPN11-N3:SDFWRMV	479	902
>PTPN11-N3:VNDFWRMV	13666	>PTPN11-N3:VSDFWRMV	148	13518
>PTPN11-N3:VNDFWRMV	22312	>PTPN11-N3:VSDFWRMV	42	22270
>PTPN11-N3:VNDFWRMV	15192	>PTPN11-N3:VSDFWRMV	109	15083
>PTPN11-N3:VNDFWRMV	855	>PTPN11-N3:VSDFWRMV	50	805
>PTPN11-N3:TVNDFWRM\	323	>PTPN11-N3:TVSDFWRM\	524	201
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>PTPN11-N3:TVNDFWRM	369	>PTPN11-N3:TVSDFWRM	240	129
>PTPN11-N3:TVNDFWRM\	175	>PTPN11-N3:TVSDFWRM\	123	52
>PTPN11-N3:TVNDFWRM\	50	>PTPN11-N3:TVSDFWRM\	103	53
>PTPN11-N3:TVNDFWRM\	156	>PTPN11-N3:TVSDFWRM\	120	36
>PTPN11-N3:TVNDFWRM\	319	>PTPN11-N3:TVSDFWRM\	207	112
>PTPN11-N3:TVNDFWRM	156	>PTPN11-N3:TVSDFWRM	109	47
>PTPN11-N3:TVNDFWRM\	14	>PTPN11-N3:TVSDFWRM\	12	2
>PTPN11-N3:TVNDFWRM	125	>PTPN11-N3:TVSDFWRM	203	78
>PTPN11-N3:TVNDFWRM\	27	>PTPN11-N3:TVSDFWRM\	43	16
>PTPN11-N3:TVNDFWRM\	319	>PTPN11-N3:TVSDFWRM\	373	54
>PTPN11-N3:TVNDFWRM\	2308	>PTPN11-N3:TVSDFWRM\	253	2055
>PTPN11-N3:NTVNDFWRM	121	>PTPN11-N3:NTVSDFWRM	172	51
>PTPN11-N3:NTVNDFWRM	384	>PTPN11-N3:NTVSDFWRM	500	116
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>PTPN11-N3:NTVNDFWRM	513	>PTPN11-N3:NTVSDFWRM	461	52
>PTPN11-N3:NTVNDFWRM	29	>PTPN11-N3:NTVSDFWRM	85	56
>PTPN11-N3:NTVNDFWRM	132	>PTPN11-N3:NTVSDFWRM	384	252
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>PTPN11-N3:NTVNDFWR	4	>PTPN11-N3:NTVSDFWR	3	1
>PTPN11-N3:NTVNDFWRM	153	>PTPN11-N3:NTVSDFWRM	112	41
>PTPN11-N3:NTVNDFWRM	125	>PTPN11-N3:NTVSDFWRM	121	4
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>PTPN11-N3:NTVNDFWRM	281	>PTPN11-N3:NTVSDFWRM	223	58
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>PTPN11-N3:NTVNDFWR	194	>PTPN11-N3:NTVSDFWR	208	14
>PTPN11-N3:NTVNDFWR	323	>PTPN11-N3:NTVSDFWR	280	43
>PTPN11-N3:QNTVNDFWF	107	>PTPN11-N3:QNTVSDFWR	70	37
>PTPN11-N3:LQNTVNDFW	1195	>PTPN11-N3:LQNTVSDFW	383	812
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>PTPN11-N3:LQNTVNDFW	66	>PTPN11-N3:LQNTVSDFW	35	31
>PTPN11-N3:LQNTVNDFW	794	>PTPN11-N3:LQNTVSDFW	283	511
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>PTPN11-N3:LQNTVNDF	78	>PTPN11-N3:LQNTVSDF	47	31
>PTPN11-N3:LQNTVNDFW	335	>PTPN11-N3:LQNTVSDFW	207	128
>PTPN11-N3:LQNTVNDF	9	>PTPN11-N3:LQNTVSDF	6	3
>PTPN11-N3:LQNTVNDFW	218	>PTPN11-N3:LQNTVSDFW	160	58
>PTPN11-N3:LQNTVNDFW	136	>PTPN11-N3:LQNTVSDFW	85	51
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>PTPN11-N3:LQNTVNDFW	16	>PTPN11-N3:LQNTVSDFW	20	4
>PTPN11-N3:CLQNTVNDF	440	>PTPN11-N3:CLQNTVSDF	650	210
>PTPN11-N3:CLQNTVNDF\	114	>PTPN11-N3:CLQNTVSDFV	83	31
>PTPN11-N3:CLQNTVNDF\	533	>PTPN11-N3:CLQNTVSDFV	334	199
>PTPN11-N3:CLQNTVNDF\	233	>PTPN11-N3:CLQNTVSDFV	190	43
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>PTPN11-N3:CLQNTVNDF	1172	>PTPN11-N3:CLQNTVSDF	390	782
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>PTPN11-N3:CLQNTVNDF\	83	>PTPN11-N3:CLQNTVSDFV	120	37
>PTPN11-N3:GCLQNTVND	905	>PTPN11-N3:GCLQNTVSDI	420	485
>PTPN11-N5:NTGDYYDLY	33	>PTPN11-N5:STGDYYDLY	29	4
>PTPN11-N5:NTGDYYDLY	2329	>PTPN11-N5:STGDYYDLY	77	2252
>PTPN11-N5:NTGDYYDLY	429	>PTPN11-N5:STGDYYDLY	189	240
>PTPN11-N5:NTGDYYDLY	40	>PTPN11-N5:STGDYYDLY	19	21
>PTPN11-N5:NTGDYYDLY	1354	>PTPN11-N5:STGDYYDLY	252	1102
>PTPN11-N5:NTGDYYDLY	213	>PTPN11-N5:STGDYYDLY	433	220
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>PTPN11-N5:NTGDYYDL	425	>PTPN11-N5:STGDYYDL	926	501
>PTPN11-N5:NTGDYYDLY	255	>PTPN11-N5:STGDYYDLY	56	199
>PTPN11-N5:NTGDYYDLY	249	>PTPN11-N5:STGDYYDLY	21	228
>PTPN11-N5:QNTGDYYDL'	4631	>PTPN11-N5:QSTGDYYDLY	71	4560
>PTPN11-N5:QNTGDYYDL'	8328	>PTPN11-N5:QSTGDYYDLY	213	8115
>PTPN11-N5:QNTGDYYDL'	2171	>PTPN11-N5:QSTGDYYDLY	159	2012
>PTPN11-N5:QNTGDYYDL'	11018	>PTPN11-N5:QSTGDYYDLY	397	10621
>PTPN11-N5:IQNTGDYYDL	568	>PTPN11-N5:IQSTGDYYDL	134	434
>PTPN11-N5:IQNTGDYY	329	>PTPN11-N5:IQSTGDYY	208	121
>PTPN11-N5:IQNTGDYYDL	132	>PTPN11-N5:IQSTGDYYDL'	93	39

>PTPN11-N5:IQNTGDYY	23	>PTPN11-N5:IQSTGDYY	25	2
>PTPN11-N5:IQNTGDYYDL	42	>PTPN11-N5:IQSTGDYYDL	43	1
>PTPN11-N5:IQNTGDYY	73	>PTPN11-N5:IQSTGDYY	84	11
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>PTPN11-N5:IQNTGDYY	27	>PTPN11-N5:IQSTGDYY	27	0
>PTPN11-N5:IQNTGDYYDL	132	>PTPN11-N5:IQSTGDYYDL	123	9
>PTPN11-N5:IQNTGDYYDL	50	>PTPN11-N5:IQSTGDYYDL	50	0
>PTPN11-N5:KIQNTGDYYC	452	>PTPN11-N5:KIQSTGDYYD	921	469
>PTPN11-N5:KIQNTGDYY	212	>PTPN11-N5:KIQSTGDYY	211	1
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>PTPN11-N5:KIQNTGDYY	32	>PTPN11-N5:KIQSTGDYY	20	12
>PTPN11-N5:KIQNTGDYYC	219	>PTPN11-N5:KIQSTGDYYD	494	275
>PTPN11-N5:KIQNTGDY	113	>PTPN11-N5:KIQSTGDY	100	13
>PTPN11-N5:KIQNTGDYY	332	>PTPN11-N5:KIQSTGDYY	262	70
>PTPN11-N5:KIQNTGDY	453	>PTPN11-N5:KIQSTGDY	367	86
>PTPN11-N5:KIQNTGDYY	229	>PTPN11-N5:KIQSTGDYY	225	4
>PTPN11-N5:KIQNTGDYY	135	>PTPN11-N5:KIQSTGDYY	99	36
>PTPN11-N5:KIQNTGDYY	478	>PTPN11-N5:KIQSTGDYY	384	94
>PTPN11-N5:IKIQNTGDY	416	>PTPN11-N5:IKIQSTGDY	984	568
>PTPN11-N5:IKIQNTGDYY	627	>PTPN11-N5:IKIQSTGDYY	492	135
>PTPN11-N5:IKIQNTGDY	165	>PTPN11-N5:IKIQSTGDY	231	66
>PTPN11-N5:IKIQNTGDYY	248	>PTPN11-N5:IKIQSTGDYY	195	53
>PTPN11-N5:IKIQNTGDY	37	>PTPN11-N5:IKIQSTGDY	13	24
>PTPN11-N5:IKIQNTGDYY	13	>PTPN11-N5:IKIQSTGDYY	7	6
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>PTPN11-N5:HIKIQNTGDY	257	>PTPN11-N5:HIKIQSTGDY	297	40
>PTPN11-N5:HIKIQNTGDY	197	>PTPN11-N5:HIKIQSTGDY\	199	2
>PTPN11-N5:HIKIQNTGDY	440	>PTPN11-N5:HIKIQSTGDY	254	186
>PTPN11-N5:HIKIQNTGDY	654	>PTPN11-N5:HIKIQSTGDY	299	355
>PTPN11-N5:HIKIQNTGDY	402	>PTPN11-N5:HIKIQSTGDY\	247	155
>PTPN11-N5:HIKIQNTGDY	273	>PTPN11-N5:HIKIQSTGDY	227	46
>PTPN11-N5:HIKIQNTGDY	297	>PTPN11-N5:HIKIQSTGDY\	285	12
>PTPN11-N5:HIKIQNTGDY	564	>PTPN11-N5:HIKIQSTGDY\	478	86
>PTPN11-N5:THIKIQNTGD	281	>PTPN11-N5:THIKIQSTGD\	346	65
>PTPN11-N5:THIKIQNTGD	247	>PTPN11-N5:THIKIQSTGD\	259	12
>PTPN11-N5:THIKIQNTGD	301	>PTPN11-N5:THIKIQSTGD\	266	35
>PTPN11-N5:NTGDYYDLY	33	>PTPN11-N5:YTGDDYYDLY	12	21
>PTPN11-N5:NTGDYYDL	6547	>PTPN11-N5:YTGDDYYDL	360	6187
>PTPN11-N5:NTGDYYDL	1388	>PTPN11-N5:YTGDDYYDL	137	1251
>PTPN11-N5:NTGDYYDL	5368	>PTPN11-N5:YTGDDYYDL	125	5243
>PTPN11-N5:NTGDYYDL	5019	>PTPN11-N5:YTGDDYYDL	302	4717

>PTPN11-N5:NTGDYYDL	9377	>PTPN11-N5:YTGDDYYDL	159	9218
>PTPN11-N5:NTGDYYDLY	896	>PTPN11-N5:YTGDDYYDLY	59	837
>PTPN11-N5:NTGDYYDLY	1027	>PTPN11-N5:YTGDDYYDLY	176	851
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>PTPN11-N5:NTGDYYDLY	40	>PTPN11-N5:YTGDDYYDLY	8	32
>PTPN11-N5:NTGDYYDLY	213	>PTPN11-N5:YTGDDYYDLY	151	62
>PTPN11-N5:NTGDYYDL	482	>PTPN11-N5:YTGDDYYDL	609	127
>PTPN11-N5:NTGDYYDL	425	>PTPN11-N5:YTGDDYYDL	277	148
>PTPN11-N5:NTGDYYDLY	255	>PTPN11-N5:YTGDDYYDLY	33	222
>PTPN11-N5:NTGDYYDL	11598	>PTPN11-N5:YTGDDYYDL	348	11250
>PTPN11-N5:NTGDYYDLY	5232	>PTPN11-N5:YTGDDYYDLY	74	5158
>PTPN11-N5:NTGDYYDLY	249	>PTPN11-N5:YTGDDYYDLY	12	237
>PTPN11-N5:QNTGDYYDL'	4631	>PTPN11-N5:QYTGDDYYDLY	300	4331
>PTPN11-N5:QNTGDYYDL	19578	>PTPN11-N5:QYTGDDYYDL	356	19222
>PTPN11-N5:QNTGDYYDL	20623	>PTPN11-N5:QYTGDDYYDL	10	20613
>PTPN11-N5:QNTGDYYDL'	22327	>PTPN11-N5:QYTGDDYYDLY	284	22043
>PTPN11-N5:QNTGDYYDL'	5360	>PTPN11-N5:QYTGDDYYDLY	207	5153
>PTPN11-N5:QNTGDYYDL'	2171	>PTPN11-N5:QYTGDDYYDLY	170	2001
>PTPN11-N5:QNTGDYYDL	6365	>PTPN11-N5:QYTGDDYYDL	222	6143
>PTPN11-N5:IQNTGDYYDL	568	>PTPN11-N5:IQYTGDDYYDL	59	509
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>PTPN11-N5:IQNTGDYY	329	>PTPN11-N5:IQYTGDDYY	46	283
>PTPN11-N5:IQNTGDYYDL	132	>PTPN11-N5:IQYTGDDYYDL'	26	106
>PTPN11-N5:IQNTGDYY	23	>PTPN11-N5:IQYTGDDYY	26	3
>PTPN11-N5:IQNTGDYYDL	42	>PTPN11-N5:IQYTGDDYYDL'	50	8
>PTPN11-N5:IQNTGDYY	73	>PTPN11-N5:IQYTGDDYY	51	22
>PTPN11-N5:IQNTGDYYDL	124	>PTPN11-N5:IQYTGDDYYDL'	73	51
>PTPN11-N5:IQNTGDYY	245	>PTPN11-N5:IQYTGDDYY	48	197
>PTPN11-N5:IQNTGDYYDL	719	>PTPN11-N5:IQYTGDDYYDL'	129	590
>PTPN11-N5:IQNTGDYY	27	>PTPN11-N5:IQYTGDDYY	7	20
>PTPN11-N5:IQNTGDYYDL	132	>PTPN11-N5:IQYTGDDYYDL	23	109
>PTPN11-N5:IQNTGDYYDL	50	>PTPN11-N5:IQYTGDDYYDL'	11	39
>PTPN11-N5:IQNTGDYYDL	890	>PTPN11-N5:IQYTGDDYYDL	173	717
>PTPN11-N5:KIQNTGDYYC	452	>PTPN11-N5:KIQYTGDDYYD	857	405
>PTPN11-N5:KIQNTGDYY	212	>PTPN11-N5:KIQYTGDDYY	315	103
>PTPN11-N5:KIQNTGDY	797	>PTPN11-N5:KIQYTGDDY	377	420
>PTPN11-N5:KIQNTGDYY	816	>PTPN11-N5:KIQYTGDDYY	334	482
>PTPN11-N5:KIQNTGDY	30	>PTPN11-N5:KIQYTGDDY	20	10
>PTPN11-N5:KIQNTGDYY	32	>PTPN11-N5:KIQYTGDDYY	19	13
>PTPN11-N5:KIQNTGDYYC	219	>PTPN11-N5:KIQYTGDDYYD	158	61
>PTPN11-N5:KIQNTGDY	113	>PTPN11-N5:KIQYTGDDY	83	30
>PTPN11-N5:KIQNTGDYY	332	>PTPN11-N5:KIQYTGDDYY	280	52
>PTPN11-N5:KIQNTGDY	453	>PTPN11-N5:KIQYTGDDY	369	84

>PTPN11-N5:KIQNTGDYY	229	>PTPN11-N5:KIQYTGDIY	206	23
>PTPN11-N5:KIQNTGDYY	135	>PTPN11-N5:KIQYTGDIY	198	63
>PTPN11-N5:KIQNTGDYY	478	>PTPN11-N5:KIQYTGDIY	421	57
>PTPN11-N5:IKIQNTGDY	416	>PTPN11-N5:IKIQYTGDIY	291	125
>PTPN11-N5:IKIQNTGDYY	627	>PTPN11-N5:IKIQYTGDIY	190	437
>PTPN11-N5:IKIQNTGDY	165	>PTPN11-N5:IKIQYTGDIY	220	55
>PTPN11-N5:IKIQNTGDYY	248	>PTPN11-N5:IKIQYTGDIY	132	116
>PTPN11-N5:IKIQNTGDY	37	>PTPN11-N5:IKIQYTGDIY	26	11
>PTPN11-N5:IKIQNTGDYY	13	>PTPN11-N5:IKIQYTGDIY	11	2
>PTPN11-N5:HIKIQTGDY	714	>PTPN11-N5:HIKIYTGDIY	310	404
>PTPN11-N5:HIKIQTGDY	472	>PTPN11-N5:HIKIYTGDIY	324	148
>PTPN11-N5:HIKIQTGDY	257	>PTPN11-N5:HIKIYTGDIY	358	101
>PTPN11-N5:HIKIQTGDY	197	>PTPN11-N5:HIKIYTGDIY	254	57
>PTPN11-N5:HIKIQTGDY	440	>PTPN11-N5:HIKIYTGDIY	346	94
>PTPN11-N5:HIKIQTGDY	402	>PTPN11-N5:HIKIYTGDIY	433	31
>PTPN11-N5:HIKIQTGDY	273	>PTPN11-N5:HIKIYTGDIY	513	240
>PTPN11-N5:HIKIQTGDY	297	>PTPN11-N5:HIKIYTGDIY	491	194
>PTPN11-N5:HIKIQTGDY	564	>PTPN11-N5:HIKIYTGDIY	472	92
>PTPN11-N5:THIKIQTGD	281	>PTPN11-N5:THIKIYTGDIY	101	180
>PTPN11-N5:THIKIQTGD	247	>PTPN11-N5:THIKIYTGDIY	211	36
>PTPN11-N5:THIKIQTGD	301	>PTPN11-N5:THIKIYTGDIY	107	194
>PTPN11-N5:VTHIKIQN	24240	>PTPN11-N5:VTHIKIQY	189	24051
>PTPN11-N5:VTHIKIQN	24511	>PTPN11-N5:VTHIKIQY	279	24232
>PTPN11-N5:VTHIKIQN	5642	>PTPN11-N5:VTHIKIQY	5	5637
>PTPN11-N5:AVTHIKIQN	19857	>PTPN11-N5:AVTHIKIQY	136	19721
>PTPN11-N5:AVTHIKIQN	30339	>PTPN11-N5:AVTHIKIQY	370	29969
>PTPN11-N5:AVTHIKIQN	26804	>PTPN11-N5:AVTHIKIQY	206	26598
>PTPN11-N5:AVTHIKIQN	16995	>PTPN11-N5:AVTHIKIQY	302	16693
>PTPN11-N5:GAVTHIKIQN	21467	>PTPN11-N5:GAVTHIKIQY	79	21388
>PTPN11-P4:VPKTIQMV	23792	>PTPN11-P4:VLKTIQMV	475	23317
>PTPN11-P4:VPKTIQMV	29882	>PTPN11-P4:VLKTIQMV	62	29820
>PTPN11-P4:VPKTIQMV	14400	>PTPN11-P4:VLKTIQMV	9	14391
>PTPN11-P4:VPKTIQMV	18741	>PTPN11-P4:VLKTIQMV	15	18726
>PTPN11-P4:VPKTIQMV	23820	>PTPN11-P4:VLKTIQMV	69	23751
>PTPN11-P4:VPKTIQMV	23096	>PTPN11-P4:VLKTIQMV	51	23045
>PTPN11-P4:VPKTIQMV	22406	>PTPN11-P4:VLKTIQMV	88	22318
>PTPN11-P4:VPKTIQMV	17662	>PTPN11-P4:VLKTIQMV	2	17660
>PTPN11-P4:VPKTIQMVR	19797	>PTPN11-P4:VLKTIQMVR	485	19312
>PTPN11-P4:VPKTIQMVR	3191	>PTPN11-P4:VLKTIQMVR	43	3148
>PTPN11-P4:VPKTIQMVR	3933	>PTPN11-P4:VLKTIQMVR	379	3554
>PTPN11-P4:VPKTIQMVR	2770	>PTPN11-P4:VLKTIQMVR	432	2338
>PTPN11-P4:VPKTIQMVR	1166	>PTPN11-P4:VLKTIQMVR	357	809
>PTPN11-P4:DVPKTIQMV	1419	>PTPN11-P4:DVLKTIQMV	183	1236



>PTPN11-P4 $\zeta$ DVPKTIQMV	1262	>PTPN11-P4 $\zeta$ DVLKTIQMV	168	1094
>PTPN11-P4 $\zeta$ DVPKTIQMV	7452	>PTPN11-P4 $\zeta$ DVLKTIQMV	299	7153
>PTPN11-P4 $\zeta$ DVPKTIQMV	736	>PTPN11-P4 $\zeta$ DVLKTIQMV	345	391
>PTPN11-P4 $\zeta$ DVPKTIQM	99	>PTPN11-P4 $\zeta$ DVLKTIQM	72	27
>PTPN11-P4 $\zeta$ DVPKTIQM	319	>PTPN11-P4 $\zeta$ DVLKTIQM	312	7
>PTPN11-P4 $\zeta$ DVPKTIQMVI	1035	>PTPN11-P4 $\zeta$ DVLKTIQMVF	237	798
>PTPN11-P4 $\zeta$ DVPKTIQMVI	762	>PTPN11-P4 $\zeta$ DVLKTIQMVF	331	431
>PTPN11-P4 $\zeta$ DVPKTIQMVI	31	>PTPN11-P4 $\zeta$ DVLKTIQMVF	59	28
>PTPN11-P4 $\zeta$ DVPKTIQMV	114	>PTPN11-P4 $\zeta$ DVLKTIQMV	676	562
>PTPN11-P4 $\zeta$ DVPKTIQM	3269	>PTPN11-P4 $\zeta$ DVLKTIQM	68	3201
>PTPN11-P4 $\zeta$ DVPKTIQMV	195	>PTPN11-P4 $\zeta$ DVLKTIQMV	8	187
>PTPN11-P4 $\zeta$ IDVPKTIQMV	136	>PTPN11-P4 $\zeta$ IDVLKTIQMV	125	11
>PTPN11-P4 $\zeta$ DIDVPKTIQM	47	>PTPN11-P4 $\zeta$ DIDVLKTIQM	92	45
>PTPN11-P4 $\zeta$ CDIDVPKTI	469	>PTPN11-P4 $\zeta$ CDIDVLKTI	84	385
>PTPN11-P4 $\zeta$ CDIDVPKTI	499	>PTPN11-P4 $\zeta$ CDIDVLKTI	567	68
>PTPN11-P4 $\zeta$ CDIDVPKTI	56	>PTPN11-P4 $\zeta$ CDIDVLKTI	46	10
>PTPN11-P4 $\zeta$ VDCDIDVPKT	318	>PTPN11-P4 $\zeta$ VDCDIDVLKT	253	65
>PTPN11-P4 $\zeta$ GVDCDIDVP	15526	>PTPN11-P4 $\zeta$ GVDCDIDVL	118	15408
>PTPN11-P4 $\zeta$ GVDCDIDVPk	131	>PTPN11-P4 $\zeta$ GVDCDIDVLK	102	29
>PTPN11-P4 $\zeta$ GVDCDIDVPk	618	>PTPN11-P4 $\zeta$ GVDCDIDVLK	361	257
>PTPN11-P4 $\zeta$ KGVDCCDIDVF	127	>PTPN11-P4 $\zeta$ KGVDCCDIDVL	174	47
>PTPN11-P4 $\zeta$ VPKTIQMVR	3191	>PTPN11-P4 $\zeta$ VSKTIQMVR	29	3162
>PTPN11-P4 $\zeta$ VPKTIQMVR	2770	>PTPN11-P4 $\zeta$ VSKTIQMVR	171	2599
>PTPN11-P4 $\zeta$ DVPKTIQM	99	>PTPN11-P4 $\zeta$ DVSKTIQM	262	163
>PTPN11-P4 $\zeta$ DVPKTIQM	319	>PTPN11-P4 $\zeta$ DVSKTIQM	2234	1915
>PTPN11-P4 $\zeta$ DVPKTIQMVI	1035	>PTPN11-P4 $\zeta$ DVSKTIQMVF	224	811
>PTPN11-P4 $\zeta$ DVPKTIQMVI	762	>PTPN11-P4 $\zeta$ DVSKTIQMVF	475	287
>PTPN11-P4 $\zeta$ DVPKTIQMVI	31	>PTPN11-P4 $\zeta$ DVSKTIQMVF	21	10
>PTPN11-P4 $\zeta$ DVPKTIQMV	114	>PTPN11-P4 $\zeta$ DVSKTIQMV	103	11
>PTPN11-P4 $\zeta$ DVPKTIQMV	195	>PTPN11-P4 $\zeta$ DVSKTIQMV	42	153
>PTPN11-P4 $\zeta$ IDVPKTIQMV	136	>PTPN11-P4 $\zeta$ IDVSKTIQMV	150	14
>PTPN11-P4 $\zeta$ DIDVPKTIQM	47	>PTPN11-P4 $\zeta$ DIDVSKTIQM	109	62
>PTPN11-P4 $\zeta$ CDIDVPKTI	469	>PTPN11-P4 $\zeta$ CDIDVSKTI	330	139
>PTPN11-P4 $\zeta$ CDIDVPKTI	499	>PTPN11-P4 $\zeta$ CDIDVSKTI	481	18
>PTPN11-P4 $\zeta$ CDIDVPKTI	56	>PTPN11-P4 $\zeta$ CDIDVSKTI	42	14
>PTPN11-P4 $\zeta$ VDCDIDVPKT	318	>PTPN11-P4 $\zeta$ VDCDIDVSKT	269	49
>PTPN11-P4 $\zeta$ GVDCDIDVPk	131	>PTPN11-P4 $\zeta$ GVDCDIDVSK	139	8
>PTPN11-P4 $\zeta$ KGVDCCDIDVF	127	>PTPN11-P4 $\zeta$ KGVDCCDIDVS	329	202
>PTPN11-Q5 QYRFIYMAV	134	>PTPN11-Q5 HYRFIYMAV	58	76
>PTPN11-Q5 QYRFIYMA	36	>PTPN11-Q5 HYRFIYMA	7	29
>PTPN11-Q5 QYRFIYMAV	8	>PTPN11-Q5 HYRFIYMAV	4	4
>PTPN11-Q5 QYRFIYMAVC	144	>PTPN11-Q5 HYRFIYMAVC	16	128
>PTPN11-Q5 QYRFIYMAVC	888	>PTPN11-Q5 HYRFIYMAVC	66	822

>PTPN11-Q5 QYRFIYMAV	195	>PTPN11-Q5 HYRFIYMAV	398	203
>PTPN11-Q5 QYRFIYMAV	338	>PTPN11-Q5 HYRFIYMAV	441	103
>PTPN11-Q5 AQYRFIYM	347	>PTPN11-Q5 AHYRFIYM	4264	3917
>PTPN11-Q5 AQYRFIYM	25	>PTPN11-Q5 AHYRFIYM	46	21
>PTPN11-Q5 AQYRFIYM	215	>PTPN11-Q5 AHYRFIYM	18749	18534
>PTPN11-Q5 AQYRFIYMA	57	>PTPN11-Q5 AHYRFIYMA	15908	15851
>PTPN11-Q5 AQYRFIYMA\	86	>PTPN11-Q5 AHYRFIYMA\	1745	1659
>PTPN11-Q5 AQYRFIYM	487	>PTPN11-Q5 AHYRFIYM	6940	6453
>PTPN11-Q5 AQYRFIYMA	85	>PTPN11-Q5 AHYRFIYMA	3433	3348
>PTPN11-Q5 AQYRFIYMA\	39	>PTPN11-Q5 AHYRFIYMA\	972	933
>PTPN11-Q5 AQYRFIYMA	76	>PTPN11-Q5 AHYRFIYMA	12769	12693
>PTPN11-Q5 AQYRFIYMA\	14	>PTPN11-Q5 AHYRFIYMA\	570	556
>PTPN11-Q5 AQYRFIYM	20	>PTPN11-Q5 AHYRFIYM	8483	8463
>PTPN11-Q5 AQYRFIYMA	15	>PTPN11-Q5 AHYRFIYMA	11448	11433
>PTPN11-Q5 AQYRFIYMA\	55	>PTPN11-Q5 AHYRFIYMA\	2007	1952
>PTPN11-Q5 AQYRFIYM	101	>PTPN11-Q5 AHYRFIYM	5464	5363
>PTPN11-Q5 AQYRFIYMA	26	>PTPN11-Q5 AHYRFIYMA	2019	1993
>PTPN11-Q5 AQYRFIYMA\	7	>PTPN11-Q5 AHYRFIYMA\	311	304
>PTPN11-Q5 AQYRFIYMA\	32	>PTPN11-Q5 AHYRFIYMA\	8883	8851
>PTPN11-Q5 AQYRFIYMA\	43	>PTPN11-Q5 AHYRFIYMA\	3515	3472
>PTPN11-Q5 AQYRFIYMA\	46	>PTPN11-Q5 AHYRFIYMA\	2173	2127
>PTPN11-Q5 AQYRFIYMA\	184	>PTPN11-Q5 AHYRFIYMA\	1836	1652
>PTPN11-Q5 AQYRFIYM	68	>PTPN11-Q5 AHYRFIYM	15611	15543
>PTPN11-Q5 AQYRFIYMA\	281	>PTPN11-Q5 AHYRFIYMA\	21061	20780
>PTPN11-Q5 AQYRFIYMA\	418	>PTPN11-Q5 AHYRFIYMA\	21810	21392
>PTPN11-Q5 AQYRFIYM	5	>PTPN11-Q5 AHYRFIYM	43	38
>PTPN11-Q5 AQYRFIYMA	32	>PTPN11-Q5 AHYRFIYMA	740	708
>PTPN11-Q5 AQYRFIYMA\	5	>PTPN11-Q5 AHYRFIYMA\	35	30
>PTPN11-Q5 AQYRFIYMA\	163	>PTPN11-Q5 AHYRFIYMA\	2372	2209
>PTPN11-Q5 AQYRFIYM	236	>PTPN11-Q5 AHYRFIYM	5956	5720
>PTPN11-Q5 AQYRFIYMA\	550	>PTPN11-Q5 AHYRFIYMA\	284	266
>PTPN11-Q5 AQYRFIYMA	36	>PTPN11-Q5 AHYRFIYMA	484	448
>PTPN11-Q5 AQYRFIYMA\	179	>PTPN11-Q5 AHYRFIYMA\	553	374
>PTPN11-Q5 AQYRFIYMA\	497	>PTPN11-Q5 AHYRFIYMA\	3404	2907
>PTPN11-Q5 EAQYRFIYM	359	>PTPN11-Q5 EAHYRFIYM	86	273
>PTPN11-Q5 EAQYRFIYM	740	>PTPN11-Q5 EAHYRFIYM	277	463
>PTPN11-Q5 EAQYRFIYM	981	>PTPN11-Q5 EAHYRFIYM	262	719
>PTPN11-Q5 EAQYRFIYM	1231	>PTPN11-Q5 EAHYRFIYM	90	1141
>PTPN11-Q5 EAQYRFIY	334	>PTPN11-Q5 EAHYRFIY	111	223
>PTPN11-Q5 EAQYRFIYM	1272	>PTPN11-Q5 EAHYRFIYM	226	1046
>PTPN11-Q5 EAQYRFIYMA	18	>PTPN11-Q5 EAHYRFIYMA	8	10
>PTPN11-Q5 EAQYRFIYMA	61	>PTPN11-Q5 EAHYRFIYMA	71	10
>PTPN11-Q5 EAQYRFIYM	170	>PTPN11-Q5 EAHYRFIYM	64	106

>PTPN11-Q5 EAQYRFIYMA	237	>PTPN11-Q5 EAHYRFIYMA	104	133
>PTPN11-Q5 EAQYRFIY	261	>PTPN11-Q5 EAHYRFIY	176	85
>PTPN11-Q5 TEAQYRFI	9	>PTPN11-Q5 TEAHYRFI	9	0
>PTPN11-Q5 TEAQYRFIY	245	>PTPN11-Q5 TEAHYRFIY	215	30
>PTPN11-Q5 TEAQYRFIYM	42	>PTPN11-Q5 TEAHYRFIYM	37	5
>PTPN11-Q5 TEAQYRFIYM	444	>PTPN11-Q5 TEAHYRFIYM	391	53
>PTPN11-Q5 TEAQYRFIY	625	>PTPN11-Q5 TEAHYRFIY	429	196
>PTPN11-Q5 TEAQYRFIY	336	>PTPN11-Q5 TEAHYRFIY	267	69
>PTPN11-Q5 TEAQYRFIY	11	>PTPN11-Q5 TEAHYRFIY	24	13
>PTPN11-Q5 TEAQYRFI	443	>PTPN11-Q5 TEAHYRFI	320	123
>PTPN11-Q5 TEAQYRFI	320	>PTPN11-Q5 TEAHYRFI	418	98
>PTPN11-Q5 TEAQYRFIYM	172	>PTPN11-Q5 TEAHYRFIYM	182	10
>PTPN11-Q5 TEAQYRFIYM	100	>PTPN11-Q5 TEAHYRFIYM	116	16
>PTPN11-Q5 TEAQYRFIYM	217	>PTPN11-Q5 TEAHYRFIYM	170	47
>PTPN11-Q5 TEAQYRFIY	78	>PTPN11-Q5 TEAHYRFIY	89	11
>PTPN11-Q5 TEAQYRFIYM	264	>PTPN11-Q5 TEAHYRFIYM	277	13
>PTPN11-Q5 TEAQYRFI	158	>PTPN11-Q5 TEAHYRFI	290	132
>PTPN11-Q5 TEAQYRFIY	256	>PTPN11-Q5 TEAHYRFIY	743	487
>PTPN11-Q5 TEAQYRFIYM	6	>PTPN11-Q5 TEAHYRFIYM	8	2
>PTPN11-Q5 TEAQYRFI	208	>PTPN11-Q5 TEAHYRFI	730	522
>PTPN11-Q5 TEAQYRFIYM	375	>PTPN11-Q5 TEAHYRFIYM	622	247
>PTPN11-Q5 QTEAQYRFI	303	>PTPN11-Q5 QTEAHYRFI	686	383
>PTPN11-Q5 QTEAQYRFIY	121	>PTPN11-Q5 QTEAHYRFIY	129	8
>PTPN11-Q5 QTEAQYRFIY	279	>PTPN11-Q5 QTEAHYRFIY	337	58
>PTPN11-Q5 QTEAQYRFIY	454	>PTPN11-Q5 QTEAHYRFIY	653	199
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>PTPN11-Q5 QTEAQYRFIY	380	>PTPN11-Q5 QTEAHYRFIY	390	10
>PTPN11-Q5 QTEAQYRFI	1026	>PTPN11-Q5 QTEAHYRFI	174	852
>PTPN11-Q5 QTEAQYRFIY	198	>PTPN11-Q5 QTEAHYRFIY	71	127
>PTPN11-Q5 QTEAQYRFIY	50	>PTPN11-Q5 QTEAHYRFIY	76	26
>PTPN11-Q5 QTEAQYRFIY	316	>PTPN11-Q5 QTEAHYRFIY	410	94
>PTPN11-Q5 QTEAQYRFI	209	>PTPN11-Q5 QTEAHYRFI	130	79
>PTPN11-Q5 VQTEAQYRFI	116	>PTPN11-Q5 VQTEAHYRFI	217	101
>PTPN11-Q5 VQTEAQYRF	568	>PTPN11-Q5 VQTEAHYRF	237	331
>PTPN11-Q5 VQTEAQYRFI	661	>PTPN11-Q5 VQTEAHYRFI	405	256
>PTPN11-Q5 VQTEAQYRFI	33	>PTPN11-Q5 VQTEAHYRFI	46	13
>PTPN11-Q5 VQTEAQYR	215	>PTPN11-Q5 VQTEAHYR	46	169
>PTPN11-Q5 VQTEAQYRF	642	>PTPN11-Q5 VQTEAHYRF	286	356
>PTPN11-Q5 VQTEAQYRFI	529	>PTPN11-Q5 VQTEAHYRFI	370	159
>PTPN11-Q5 VQTEAQYRF	51	>PTPN11-Q5 VQTEAHYRF	33	18
>PTPN11-Q5 VQTEAQYRFI	67	>PTPN11-Q5 VQTEAHYRFI	44	23
>PTPN11-Q5 VQTEAQYRFI	719	>PTPN11-Q5 VQTEAHYRFI	450	269

>PTPN11-Q5 VQTEAQYR	323	>PTPN11-Q5 VQTEAHYR	99	224
>PTPN11-Q5 MVQTEAQYR	265	>PTPN11-Q5 MVQTEAHYR	58	207
>PTPN11-Q5 MVQTEAQYR	567	>PTPN11-Q5 MVQTEAHYR	391	176
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>PTPN11-Q5 MVQTEAQYR	322	>PTPN11-Q5 MVQTEAHYR	365	43
>PTPN11-Q5 MVQTEAQY	143	>PTPN11-Q5 MVQTEAHY	40	103
>PTPN11-Q5 MVQTEAQYR	74	>PTPN11-Q5 MVQTEAHYR	26	48
>PTPN11-Q5 MVQTEAQYR	767	>PTPN11-Q5 MVQTEAHYR	485	282
>PTPN11-Q5 MVQTEAQYR	662	>PTPN11-Q5 MVQTEAHYR	243	419
>PTPN11-Q5 MVQTEAQYR	14	>PTPN11-Q5 MVQTEAHYR	5	9
>PTPN11-Q5 MVQTEAQYR	290	>PTPN11-Q5 MVQTEAHYR	142	148
>PTPN11-Q5 MVQTEAQY	1142	>PTPN11-Q5 MVQTEAHY	192	950
>PTPN11-Q5 MVQTEAQY	481	>PTPN11-Q5 MVQTEAHY	194	287
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>PTPN11-Q5 MVQTEAQYR	175	>PTPN11-Q5 MVQTEAHYR	119	56
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>PTPN11-Q5 MVQTEAQYR	368	>PTPN11-Q5 MVQTEAHYR	465	97
>PTPN11-Q5 MVQTEAQYR	111	>PTPN11-Q5 MVQTEAHYR	37	74
>PTPN11-Q5 MVQTEAQYR	357	>PTPN11-Q5 MVQTEAHYR	313	44
>PTPN11-Q5 GMVQTEAQ\	277	>PTPN11-Q5 GMVQTEAHY	164	113
>PTPN11-Q5 GMVQTEAQ\	37	>PTPN11-Q5 GMVQTEAHY	34	3
>PTPN11-Q5 GMVQTEAQ\	357	>PTPN11-Q5 GMVQTEAHY	270	87
>PTPN11-Q5 GMVQTEAQ\	95	>PTPN11-Q5 GMVQTEAHY	36	59
>PTPN11-Q5 GMVQTEAQ\	756	>PTPN11-Q5 GMVQTEAHY	245	511
>PTPN11-Q5 GMVQTEAQ\	260	>PTPN11-Q5 GMVQTEAHY	213	47
>PTPN11-Q5 GMVQTEAQ\	86	>PTPN11-Q5 GMVQTEAHY	39	47
>PTPN11-Q5 GMVQTEAQ\	135	>PTPN11-Q5 GMVQTEAHY	89	46
>PTPN11-Q5 GMVQTEAQ\	312	>PTPN11-Q5 GMVQTEAHY	549	237
>PTPN11-Q5 GMVQTEAQ\	249	>PTPN11-Q5 GMVQTEAHY	167	82
>PTPN11-Q5 GMVQTEAQ\	128	>PTPN11-Q5 GMVQTEAHY	90	38
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>PTPN11-Q5 QYRFIYMAV	195	>PTPN11-Q5 KYRFIYMAV	297	102
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>PTPN11-Q5 EAQYRFIYMA	18	>PTPN11-Q5 EAKYRFIYMA	26	8
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>PTPN11-Q5 MVQTEAQY	102	>PTPN11-Q5 MVQTEAKY	180	78
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>PTPN11-Q5 SGMVQTEAC	224	>PTPN11-Q5 SGMVQTEAK	154	70
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>PTPN11-R1: RESQSHPGDI	53	>PTPN11-R1: QESQSHPGDI	46	7
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>PTPN11-R1: EKGKHGSFLV	422	>PTPN11-R1: EKGKHGSFLV	23630	23208
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>PTPN11-R1: FLVRESQS	418	>PTPN11-R1: FLVQESQS	230	188
>PTPN11-R1: FLVRESQSHP	124	>PTPN11-R1: FLVQESQSHP	77	47
>PTPN11-R1: FLVRESQS	138	>PTPN11-R1: FLVQESQS	104	34
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>PTPN11-R1: GSFLVRESQS	187	>PTPN11-R1: GSFLVQESQS	200	13
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>PTPN11-R1: KGKHGSFLVR	200	>PTPN11-R1: KGKHGSFLVC	17653	17453
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>PTPN11-R1: SVRTGDDK	1516	>PTPN11-R1: SVHTGDDK	147	1369
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>PTPN11-R1: SVRTGDDK	2381	>PTPN11-R1: SVHTGDDK	461	1920
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>PTPN11-R1: VLSVRTGDDK	347	>PTPN11-R1: VLSVHTGDDK	290	57
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>PTPN11-R2{NILPFDHTRV	584	>PTPN11-R2{NILPFDHTGV	365	219
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>PTPN11-R2{NILPFDHTRV'	521	>PTPN11-R2{NILPFDHTGV	305	216
>PTPN11-R2{NILPFDHTRV	213	>PTPN11-R2{NILPFDHTGV	83	130
>PTPN11-R2{NILPFDHTRV'	201	>PTPN11-R2{NILPFDHTGV	140	61
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>PTPN11-R2{NILPFDHTRV'	51	>PTPN11-R2{NILPFDHTGV	51	0
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>PTPN11-R2{NILPFDHTRV'	210	>PTPN11-R2{NILPFDHTGV	185	25
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>PTPN11-R2{NILPFDHTRV'	395	>PTPN11-R2{NILPFDHTGV	277	118
>PTPN11-R2{NILPFDHTRV	183	>PTPN11-R2{NILPFDHTGV	62	121
>PTPN11-R2{NILPFDHTRV'	185	>PTPN11-R2{NILPFDHTGV	187	2
>PTPN11-R2{NILPFDHTRV	15	>PTPN11-R2{NILPFDHTGV	15	0
>PTPN11-R2{NILPFDHTRV'	82	>PTPN11-R2{NILPFDHTGV	60	22
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>PTPN11-R2{NILPFDHTR	83	>PTPN11-R2{NILPFDHTG	25056	24973
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>PTPN11-R2{NILPFDHTRV'	413	>PTPN11-R2{NILPFDHTGV	143	270
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>PTPN11-R2{NILPFDHTRV'	59	>PTPN11-R2{NILPFDHTGV	25	34
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>PTPN11-R2{KNILPFDHTR	48	>PTPN11-R2{KNILPFDHTG	24532	24484
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>PTPN11-S5{KTIQMVRSQI	375	>PTPN11-S5{KTIQMVRSQI	206	169
>PTPN11-S5{SQRSGMVQT	833	>PTPN11-S5{SQRAGMVQT	475	358

>PTPN11-S5C SQRSGMVQT	574	>PTPN11-S5C SQRAGMVQT	324	250
>PTPN11-S5C SQRSGMVQ	352	>PTPN11-S5C SQRAGMVQ	270	82
>PTPN11-S5C SQRSGMVQT	512	>PTPN11-S5C SQRAGMVQT	374	138
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>PTPN11-S5C SQRSGMVQT	258	>PTPN11-S5C SQRAGMVQT	513	255
>PTPN11-S5C RSQRSGMV	251	>PTPN11-S5C RSQRAGMV	362	111
>PTPN11-S5C RSQRSGMVC	380	>PTPN11-S5C RSQRAGMVC	303	77
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>PTPN11-S5C RSQRSGMVC	490	>PTPN11-S5C RSQRAGMVC	459	31
>PTPN11-S5C RSQRSGMV	513	>PTPN11-S5C RSQRAGMV	464	49
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>PTPN11-S5C MVRSQRSGM	485	>PTPN11-S5C MVRSQRAGM	878	393
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>PTPN11-S5C MVRSQRSG	16	>PTPN11-S5C MVRSQRAG	18	2
>PTPN11-S5C MVRSQRSGM	9	>PTPN11-S5C MVRSQRAGM	7	2
>PTPN11-S5C MVRSQRSGM	9	>PTPN11-S5C MVRSQRAGM	12	3
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>PTPN11-S5C MVRSQRSGM	59	>PTPN11-S5C MVRSQRAGM	57	2
>PTPN11-S5C MVRSQRSGM	438	>PTPN11-S5C MVRSQRAGM	457	19
>PTPN11-S5C MVRSQRSGM	470	>PTPN11-S5C MVRSQRAGM	428	42
>PTPN11-S5C MVRSQRSGM	115	>PTPN11-S5C MVRSQRAGM	84	31
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>PTPN11-S5C QMVRSQRSC	64	>PTPN11-S5C QMVRSQRAC	92	28
>PTPN11-S5C QMVRSQRSC	40	>PTPN11-S5C QMVRSQRAC	46	6
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>PTPN11-S5C QMVRSQRS	12401	>PTPN11-S5C QMVRSQRA	193	12208
>PTPN11-S5C QMVRSQRSC	18	>PTPN11-S5C QMVRSQRAC	23	5
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>PTPN11-S5C QMVRSQRSC	338	>PTPN11-S5C QMVRSQRAC	321	17
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>PTPN11-S5C IQMVRSQRSC	158	>PTPN11-S5C IQMVRSQRA	144	14
>PTPN11-S5C IQMVRSQRS	4552	>PTPN11-S5C IQMVRSQRA	128	4424
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>PTPN11-S5C IQMVRSQRSC	83	>PTPN11-S5C IQMVRSQRA	82	1
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>PTPN11-S5C SGMVQTEAC	297	>PTPN11-S5C LGMVQTEAC	395	98
>PTPN11-S5C SGMVQTEAC	514	>PTPN11-S5C LGMVQTEAC	280	234
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>PTPN11-S5C RSGMVQTEA	15651	>PTPN11-S5C RLG MVQTEA	207	15444
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>PTPN11-S5C RSGMVQTEA	2745	>PTPN11-S5C RLG MVQTEA	436	2309
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>PTPN11-S5C RSGMVQTEA	203	>PTPN11-S5C RLG MVQTEA	107	96
>PTPN11-S5C RSGMVQTEA	9	>PTPN11-S5C RLG MVQTEA	654	645
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>PTPN11-S5C RSGMVQTEA	20	>PTPN11-S5C RLG MVQTEA	1484	1464
>PTPN11-S5C RSGMVQTEA	46	>PTPN11-S5C RLG MVQTEA	1103	1057
>PTPN11-S5C RSGMVQTEA	603	>PTPN11-S5C RLG MVQTEA	322	281
>PTPN11-S5C KTIQM VRSQI	12676	>PTPN11-S5C KTIQM VRSQI	419	12257
>PTPN11-S5C KTIQM VRSQI	10832	>PTPN11-S5C KTIQM VRSQI	390	10442
>PTPN11-S5C KTIQM VRSQI	3428	>PTPN11-S5C KTIQM VRSQI	42	3386
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>PTPN11-S5C KTIQM VRSQI	12623	>PTPN11-S5C KTIQM VRSQI	186	12437
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>PTPN11-S5C KTIQM VRSQI	25978	>PTPN11-S5C KTIQM VRSQI	463	25515
>PTPN11-S5C SQRSGMVQ	352	>PTPN11-S5C SQRLGMVQ	951	599
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>PTPN11-S5C SQRSGMVQT	258	>PTPN11-S5C SQRLGMVQT	1535	1277
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>PTPN11-S5C RSQRSGMV	224	>PTPN11-S5C RSQRLGMV	1179	955
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>PTPN11-S5C RSQRSGMV	246	>PTPN11-S5C RSQRLGMV	427	181
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>PTPN11-S5C VRSQRSGM	310	>PTPN11-S5C VRSQRLGM	155	155
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>PTPN11-S5C MVRSQRSG	16	>PTPN11-S5C MVRSQRLG	17	1
>PTPN11-S5C MVRSQRSGM	9	>PTPN11-S5C MVRSQRLGN	6	3
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>PTPN11-S5C MVRSQRSGM	438	>PTPN11-S5C MVRSQRLGN	536	98
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>PTPN11-S5C MVRSQRS GM	115	>PTPN11-S5C MVRSQRLGM	124	9
>PTPN11-S5C MVRSQRS GM	16	>PTPN11-S5C MVRSQRLGM	321	305
>PTPN11-S5C QMVRSQRS	16913	>PTPN11-S5C QMVRSQRL	308	16605
>PTPN11-S5C QMVRSQRSC	64	>PTPN11-S5C QMVRSQRLG	41	23
>PTPN11-S5C QMVRSQRS	12128	>PTPN11-S5C QMVRSQRL	325	11803
>PTPN11-S5C QMVRSQRSC	40	>PTPN11-S5C QMVRSQRLG	30	10
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>PTPN11-S5C QMVRSQRSC	18	>PTPN11-S5C QMVRSQRLG	15	3
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>PTPN11-S5C IQMVRSQRS	5503	>PTPN11-S5C IQMVRSQRL	83	5420
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>PTPN11-S5C SGMVQTEAC	297	>PTPN11-S5C PGMVQTEAC	5831	5534
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>PTPN11-S5C SGMVQTEAC	224	>PTPN11-S5C PGMVQTEAC	5380	5156
>PTPN11-S5C SGMVQTEAC	179	>PTPN11-S5C PGMVQTEAC	473	294
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>PTPN11-S5C RSGMVQTEA	23725	>PTPN11-S5C RPGMVQTEA	451	23274
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>PTPN11-S5C RSGMVQTEA	9	>PTPN11-S5C RPGMVQTEA	6702	6693
>PTPN11-S5C RSGMVQTEA	8078	>PTPN11-S5C RPGMVQTEA	144	7934
>PTPN11-S5C RSGMVQTEA	428	>PTPN11-S5C RPGMVQTEA	19216	18788
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>PTPN11-S5C RSGMVQTEA	11813	>PTPN11-S5C RPGMVQTEA	190	11623
>PTPN11-S5C KTIQMVR SQI	375	>PTPN11-S5C KTIQMVR SQI	3567	3192
>PTPN11-S5C SQRSGMVQT	833	>PTPN11-S5C SQRPGMVQT	290	543
>PTPN11-S5C SQRSGMVQT	574	>PTPN11-S5C SQRPGMVQT	334	240
>PTPN11-S5C SQRSGMVQ	352	>PTPN11-S5C SQRPGMVQ	411	59
>PTPN11-S5C SQRSGMVQT	512	>PTPN11-S5C SQRPGMVQT	494	18
>PTPN11-S5C SQRSGMVQ	392	>PTPN11-S5C SQRPGMVQ	798	406

>PTPN11-S5C SQRSGMVQT	258	>PTPN11-S5C SQRPGMVQT	590	332
>PTPN11-S5C RSQRSGMV	251	>PTPN11-S5C RSQRPGMV	776	525
>PTPN11-S5C RSQRSGMVC	380	>PTPN11-S5C RSQRPGMVC	1381	1001
>PTPN11-S5C RSQRSGMV	224	>PTPN11-S5C RSQRPGMV	851	627
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>PTPN11-S5C RSQRSGMVC	490	>PTPN11-S5C RSQRPGMVC	858	368
>PTPN11-S5C RSQRSGMV	513	>PTPN11-S5C RSQRPGMV	474	39
>PTPN11-S5C VRSQRSGM	310	>PTPN11-S5C VRSQRPGM	328	18
>PTPN11-S5C VRSQRSGMV	1067	>PTPN11-S5C VRSQRPGMV	403	664
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>PTPN11-S5C MVRSQRSGM	108	>PTPN11-S5C MVRSQRPGM	141	33
>PTPN11-S5C MVRSQRSG	16	>PTPN11-S5C MVRSQRPG	10	6
>PTPN11-S5C MVRSQRSGM	9	>PTPN11-S5C MVRSQRPGM	5	4
>PTPN11-S5C MVRSQRSGM	9	>PTPN11-S5C MVRSQRPGM	10	1
>PTPN11-S5C MVRSQRSGM	14	>PTPN11-S5C MVRSQRPGM	14	0
>PTPN11-S5C MVRSQRSGM	59	>PTPN11-S5C MVRSQRPGM	153	94
>PTPN11-S5C MVRSQRSGM	438	>PTPN11-S5C MVRSQRPGM	1013	575
>PTPN11-S5C MVRSQRSGM	470	>PTPN11-S5C MVRSQRPGM	839	369
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>PTPN11-S5C MVRSQRSGM	16	>PTPN11-S5C MVRSQRPGM	474	458
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>PTPN11-S5C QMVRSQRSC	64	>PTPN11-S5C QMVRSQRPC	52	12
>PTPN11-S5C QMVRSQRSC	40	>PTPN11-S5C QMVRSQRPC	26	14
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>PTPN11-S5C QMVRSQRSC	18	>PTPN11-S5C QMVRSQRPC	27	9
>PTPN11-S5C QMVRSQRSC	503	>PTPN11-S5C QMVRSQRPC	438	65
>PTPN11-S5C QMVRSQRSC	338	>PTPN11-S5C QMVRSQRPC	489	151
>PTPN11-S5C QMVRSQRSC	47	>PTPN11-S5C QMVRSQRPC	89	42
>PTPN11-S5C IQMVRSQRSC	158	>PTPN11-S5C IQMVRSQRPC	181	23
>PTPN11-S5C IQMVRSQRSC	303	>PTPN11-S5C IQMVRSQRPC	127	176
>PTPN11-S5C IQMVRSQRSC	642	>PTPN11-S5C IQMVRSQRPC	423	219
>PTPN11-S5C IQMVRSQRSC	83	>PTPN11-S5C IQMVRSQRPC	115	32
>PTPN11-S5C IQMVRSQRSC	461	>PTPN11-S5C IQMVRSQRPC	1734	1273
>PTPN11-S5C IQMVRSQRSC	13	>PTPN11-S5C IQMVRSQRPC	23	10
>PTPN11-S5C SGMVQTEAC	100	>PTPN11-S5C TGMVQTEAC	132	32
>PTPN11-S5C SGMVQTEAC	297	>PTPN11-S5C TGMVQTEAC	411	114
>PTPN11-S5C SGMVQTEAC	836	>PTPN11-S5C TGMVQTEAC	257	579
>PTPN11-S5C SGMVQTEAC	436	>PTPN11-S5C TGMVQTEAC	705	269
>PTPN11-S5C SGMVQTEAC	224	>PTPN11-S5C TGMVQTEAC	1000	776
>PTPN11-S5C SGMVQTEAC	179	>PTPN11-S5C TGMVQTEAC	204	25
>PTPN11-S5C RSGMVQTEA	84	>PTPN11-S5C RTGMVQTEA	83	1
>PTPN11-S5C RSGMVQTEA	620	>PTPN11-S5C RTGMVQTEA	77	543

>PTPN11-S5C RSGMVQTEA	203	>PTPN11-S5C RTGMVQTEA	252	49
>PTPN11-S5C RSGMVQTEA	9	>PTPN11-S5C RTGMVQTEA	8	1
>PTPN11-S5C RSGMVQTEA	428	>PTPN11-S5C RTGMVQTEA	478	50
>PTPN11-S5C RSGMVQTEA	20	>PTPN11-S5C RTGMVQTEA	29	9
>PTPN11-S5C RSGMVQTEA	46	>PTPN11-S5C RTGMVQTEA	18	28
>PTPN11-S5C RSGMVQTEA	603	>PTPN11-S5C RTGMVQTEA	371	232
>PTPN11-S5C KTIQMVR SQI	375	>PTPN11-S5C KTIQMVR SQI	134	241
>PTPN11-S5C SQRSGMVQT	574	>PTPN11-S5C SQRTGMVQT	498	76
>PTPN11-S5C SQRSGMVQ	352	>PTPN11-S5C SQRTGMVQ	744	392
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>PTPN11-T5;SVRRNGAVT	66	>PTPN11-T5;SVRRNGAVS	31	35
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>PTPN11-T7;TLAELVQYYM	36	>PTPN11-T7;ILAELVQYYM	24	12
>PTPN11-T7;TLAELVQYY	296	>PTPN11-T7;ILAELVQYY	151	145

>PTPN11-T7:TLAELVQYYM	13	>PTPN11-T7:ILAELVQYYM	11	2
>PTPN11-T7:TLAELVQYYM	820	>PTPN11-T7:ILAELVQYYM	330	490
>PTPN11-T7:TLAELVQYYM	448	>PTPN11-T7:ILAELVQYYM	392	56
>PTPN11-T7:TLAELVQYYM	556	>PTPN11-T7:ILAELVQYYM	414	142
>PTPN11-T7:TLAELVQYY	179	>PTPN11-T7:ILAELVQYY	35	144
>PTPN11-T7:TLAELVQYYM	7	>PTPN11-T7:ILAELVQYYM	3	4
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>PTPN11-T7:TLAELVQYYM	21	>PTPN11-T7:ILAELVQYYM	14	7
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>PTPN11-T7:TLAELVQYY	389	>PTPN11-T7:ILAELVQYY	88	301
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>PTPN11-T7:TLAELVQYY	262	>PTPN11-T7:ILAELVQYY	96	166
>PTPN11-T7:TLAELVQYYM	497	>PTPN11-T7:ILAELVQYYM	2044	1547
>PTPN11-T7:TLAELVQYYM	91	>PTPN11-T7:ILAELVQYYM	1533	1442
>PTPN11-T7:TLAELVQY	182	>PTPN11-T7:ILAELVQY	144	38
>PTPN11-T7:TLAELVQYY	32	>PTPN11-T7:ILAELVQYY	26	6
>PTPN11-T7:TLAELVQY	204	>PTPN11-T7:ILAELVQY	120	84
>PTPN11-T7:TLAELVQYY	102	>PTPN11-T7:ILAELVQYY	66	36
>PTPN11-T7:TLAELVQY	332	>PTPN11-T7:ILAELVQY	431	99
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>PTPN11-T7:TLAELVQYYM	3363	>PTPN11-T7:ILAELVQYYM	432	2931
>PTPN11-T7:TLAELVQYYM	291	>PTPN11-T7:ILAELVQYYM	464	173
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>PTPN11-T7:ATLAELVQYY	2521	>PTPN11-T7:AILAELVQYYM	237	2284
>PTPN11-T7:ATLAELVQYY	371	>PTPN11-T7:AILAELVQYY	332	39

>PTPN11-T7:ATLAELVQY	112	>PTPN11-T7:AILAELVQY	382	270
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>PTPN11-T7:ATLAELVQYY	152	>PTPN11-T7:AILAELVQYY	579	427
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>PTPN11-T7:ATLAELVQY	70	>PTPN11-T7:AILAELVQY	155	85
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>PTPN11-T7:ATLAELVQY	342	>PTPN11-T7:AILAELVQY	1385	1043
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>PTPN11-T7:ATLAELVQY	256	>PTPN11-T7:AILAELVQY	469	213
>PTPN11-T7:ATLAELVQYY	70	>PTPN11-T7:AILAELVQYY	122	52
>PTPN11-T7:ATLAELVQYY	556	>PTPN11-T7:AILAELVQYY	422	134
>PTPN11-T7:ATLAELVQYY	290	>PTPN11-T7:AILAELVQYY	598	308
>PTPN11-T7:ATLAELVQY	5	>PTPN11-T7:AILAELVQY	139	134
>PTPN11-T7:ATLAELVQYY	5	>PTPN11-T7:AILAELVQYY	295	290
>PTPN11-T7:ATLAELVQYY	23	>PTPN11-T7:AILAELVQYYM	5510	5487
>PTPN11-T7:ATLAELVQYY	460	>PTPN11-T7:AILAELVQYY	5476	5016
>PTPN11-T7:ATLAELVQYY	302	>PTPN11-T7:AILAELVQYYM	3016	2714
>PTPN11-T7:ATLAELVQYY	379	>PTPN11-T7:AILAELVQYYM	13370	12991
>PTPN11-T7:ATLAELVQY	166	>PTPN11-T7:AILAELVQY	4381	4215
>PTPN11-T7:ATLAELVQYY	136	>PTPN11-T7:AILAELVQYY	5502	5366
>PTPN11-T7:ATLAELVQYY	137	>PTPN11-T7:AILAELVQYYM	5075	4938
>PTPN11-T7:YDLYGGEKFA	9143	>PTPN11-T7:YDLYGGEKFA	149	8994
>PTPN11-T7:YDLYGGEKFA	9775	>PTPN11-T7:YDLYGGEKFA	212	9563
>PTPN11-T7:FATLAELVQY	360	>PTPN11-T7:FAILAELVQY	483	123
>PTPN11-T7:FATLAELV	2281	>PTPN11-T7:FAILAELV	325	1956
>PTPN11-T7:FATLAELV	189	>PTPN11-T7:FAILAELV	95	94
>PTPN11-T7:FATLAELV	1117	>PTPN11-T7:FAILAELV	269	848
>PTPN11-T7:FATLAELV	38	>PTPN11-T7:FAILAELV	11	27
>PTPN11-T7:FATLAELV	97	>PTPN11-T7:FAILAELV	157	60
>PTPN11-T7:FATLAELVQY	3450	>PTPN11-T7:FAILAELVQY	242	3208
>PTPN11-T7:FATLAELVQY	1972	>PTPN11-T7:FAILAELVQYY	124	1848
>PTPN11-T7:FATLAELVQY	717	>PTPN11-T7:FAILAELVQY	397	320
>PTPN11-T7:FATLAELVQY	99	>PTPN11-T7:FAILAELVQYY	31	68
>PTPN11-T7:FATLAELVQY	1566	>PTPN11-T7:FAILAELVQY	295	1271
>PTPN11-T7:FATLAELVQY	693	>PTPN11-T7:FAILAELVQY	246	447
>PTPN11-T7:FATLAELVQY	778	>PTPN11-T7:FAILAELVQYY	308	470
>PTPN11-T7:FATLAELV	99	>PTPN11-T7:FAILAELV	47	52
>PTPN11-T7:FATLAELV	1002	>PTPN11-T7:FAILAELV	249	753
>PTPN11-T7:FATLAELVQY	4400	>PTPN11-T7:FAILAELVQY	381	4019
>PTPN11-T7:FATLAELVQY	2823	>PTPN11-T7:FAILAELVQYY	215	2608

>PTPN11-T7:FATLAELVQY	1330	>PTPN11-T7:FAILAELVQY	322	1008
>PTPN11-T7:FATLAELVQY	764	>PTPN11-T7:FAILAELVQYY	187	577
>PTPN11-T7:FATLAELVQY	41	>PTPN11-T7:FAILAELVQY	15	26
>PTPN11-T7:FATLAELVQY	41	>PTPN11-T7:FAILAELVQYY	15	26
>PTPN11-T7:FATLAELVQY	27	>PTPN11-T7:FAILAELVQYY	20	7
>PTPN11-T7:FATLAELVQY	310	>PTPN11-T7:FAILAELVQYY	185	125
>PTPN11-T7:FATLAELV	1144	>PTPN11-T7:FAILAELV	461	683
>PTPN11-T7:FATLAELVQY	866	>PTPN11-T7:FAILAELVQY	324	542
>PTPN11-T7:FATLAELVQY	221	>PTPN11-T7:FAILAELVQYY	92	129
>PTPN11-T7:FATLAELVQY	104	>PTPN11-T7:FAILAELVQY	217	113
>PTPN11-T7:KFATLAEL	82	>PTPN11-T7:KFAILAEL	85	3
>PTPN11-T7:KFATLAELV	64	>PTPN11-T7:KFAILAELV	98	34
>PTPN11-T7:KFATLAEL	221	>PTPN11-T7:KFAILAEL	151	70
>PTPN11-T7:KFATLAELVQ	27	>PTPN11-T7:KFAILAELVQY	28	1
>PTPN11-T7:KFATLAELVQ	319	>PTPN11-T7:KFAILAELVQY	313	6
>PTPN11-T7:KFATLAELVQ	117	>PTPN11-T7:KFAILAELVQY	137	20
>PTPN11-T7:KFATLAELVQ	144	>PTPN11-T7:KFAILAELVQY	173	29
>PTPN11-T7:KFATLAEL	210	>PTPN11-T7:KFAILAEL	230	20
>PTPN11-T7:KFATLAELV	149	>PTPN11-T7:KFAILAELV	156	7
>PTPN11-T7:EKFATLAEL	1348	>PTPN11-T7:EKFAILAEL	52	1296
>PTPN11-T7:EKFATLAELV	809	>PTPN11-T7:EKFAILAELV	410	399
>PTPN11-T7:EKFATLAEL	36	>PTPN11-T7:EKFAILAEL	168	132
>PTPN11-T7:EKFATLAELV	324	>PTPN11-T7:EKFAILAELV	977	653
>PTPN11-T7:EKFATLAEL	89	>PTPN11-T7:EKFAILAEL	238	149
>PTPN11-T7:GEKFATLA	283	>PTPN11-T7:GEKFAILA	170	113
>PTPN11-T7:GEKFATLAEL	114	>PTPN11-T7:GEKFAILAELV	246	132
>PTPN11-T7:GEKFATLAEL	110	>PTPN11-T7:GEKFAILAELV	115	5
>PTPN11-T7:GEKFATLA	277	>PTPN11-T7:GEKFAILA	247	30
>PTPN11-T7:GEKFATLAEL	173	>PTPN11-T7:GEKFAILAEL	128	45
>PTPN11-T7:GEKFATLAEL	367	>PTPN11-T7:GEKFAILAELV	262	105
>PTPN11-T7:GEKFATLA	55	>PTPN11-T7:GEKFAILA	29	26
>PTPN11-T7:GEKFATLAEL	309	>PTPN11-T7:GEKFAILAELV	239	70
>PTPN11-T7:GEKFATLAEL	478	>PTPN11-T7:GEKFAILAEL	612	134
>PTPN11-T7:GEKFATLAEL	9	>PTPN11-T7:GEKFAILAELV	9	0
>PTPN11-T7:YGGEKFATL	410	>PTPN11-T7:YGGEKFAL	2439	2029
>PTPN11-T7:YGGEKFATL	121	>PTPN11-T7:YGGEKFAL	205	84
>PTPN11-T7:LYGGEKFAT	19800	>PTPN11-T7:LYGGEKFAL	400	19400
>PTPN11-T7:LYGGEKFAT	14081	>PTPN11-T7:LYGGEKFAL	420	13661
>PTPN11-T7:LYGGEKFAT	1107	>PTPN11-T7:LYGGEKFAL	8	1099
>PTPN11-T7:LYGGEKFATL	7	>PTPN11-T7:LYGGEKFAL	13	6
>PTPN11-T7:DLYGGEKFAT	3746	>PTPN11-T7:DLYGGEKFAL	460	3286
>PTPN11-T7:DLYGGEKFAT	827	>PTPN11-T7:DLYGGEKFAL	103	724
>PTPN11-T7:DLYGGEKFAT	1024	>PTPN11-T7:DLYGGEKFAL	35	989

>PTPN11-T7: DLYGGEKFAT	31	>PTPN11-T7: DLYGGEKFAL	196	165
>PTPN11-T7: DLYGGEKFAT	396	>PTPN11-T7: DLYGGEKFAL	1510	1114
>PTPN11-T7: DLYGGEKFAT	2993	>PTPN11-T7: DLYGGEKFAL	137	2856
>PTPN11-T7: DLYGGEKFAT	66	>PTPN11-T7: DLYGGEKFAL	202	136
>PTPN11-T7: DLYGGEKFAT	205	>PTPN11-T7: DLYGGEKFAL	654	449
>PTPN11-T7: DLYGGEKFAT	653	>PTPN11-T7: DLYGGEKFAL	57	596
>PTPN11-T7: DLYGGEKFAT	11	>PTPN11-T7: DLYGGEKFAL	28	17
>PTPN11-V4: VRRNGAVTH	471	>PTPN11-V4: LRRNGAVTHI	158	313
>PTPN11-V4: VRRNGAVTH	601	>PTPN11-V4: LRRNGAVTH	389	212
>PTPN11-V4: VRRNGAVTH	185	>PTPN11-V4: LRRNGAVTHI	110	75
>PTPN11-V4: VRRNGAVTH	551	>PTPN11-V4: LRRNGAVTHI	400	151
>PTPN11-V4: VRRNGAVTH	586	>PTPN11-V4: LRRNGAVTHI	281	305
>PTPN11-V4: VRRNGAVTH	418	>PTPN11-V4: LRRNGAVTHI	654	236
>PTPN11-V4: VRRNGAVTH	229	>PTPN11-V4: LRRNGAVTHI	336	107
>PTPN11-V4: SVRRNGAV	520	>PTPN11-V4: SLRRNGAV	21	499
>PTPN11-V4: SVRRNGAVTI	834	>PTPN11-V4: SLRRNGAVTf	43	791
>PTPN11-V4: SVRRNGAV	1654	>PTPN11-V4: SLRRNGAV	24	1630
>PTPN11-V4: SVRRNGAVTI	7072	>PTPN11-V4: SLRRNGAVTf	160	6912
>PTPN11-V4: SVRRNGAV	6241	>PTPN11-V4: SLRRNGAV	82	6159
>PTPN11-V4: SVRRNGAVTI	14489	>PTPN11-V4: SLRRNGAVTf	367	14122
>PTPN11-V4: SVRRNGAV	9310	>PTPN11-V4: SLRRNGAV	242	9068
>PTPN11-V4: SVRRNGAVTI	10876	>PTPN11-V4: SLRRNGAVTf	337	10539
>PTPN11-V4: SVRRNGAV	332	>PTPN11-V4: SLRRNGAV	5	327
>PTPN11-V4: SVRRNGAVT	16432	>PTPN11-V4: SLRRNGAVT	405	16027
>PTPN11-V4: SVRRNGAVTI	3545	>PTPN11-V4: SLRRNGAVTf	19	3526
>PTPN11-V4: SVRRNGAV	10	>PTPN11-V4: SLRRNGAV	57	47
>PTPN11-V4: SVRRNGAVT	66	>PTPN11-V4: SLRRNGAVT	744	678
>PTPN11-V4: SVRRNGAVTI	150	>PTPN11-V4: SLRRNGAVTf	1526	1376
>PTPN11-V4: SVRRNGAVTI	8	>PTPN11-V4: SLRRNGAVTf	37	29
>PTPN11-V4: SVRRNGAV	65	>PTPN11-V4: SLRRNGAV	691	626
>PTPN11-V4: SVRRNGAV	2676	>PTPN11-V4: SLRRNGAV	420	2256
>PTPN11-V4: SVRRNGAVTI	1302	>PTPN11-V4: SLRRNGAVTf	404	898
>PTPN11-V4: KSNPGDFTLS	128	>PTPN11-V4: KSNPGDFTLS	723	595
>PTPN11-V4: KSNPGDFTLS	86	>PTPN11-V4: KSNPGDFTLS	136	50
>PTPN11-V4: KSNPGDFTLS	193	>PTPN11-V4: KSNPGDFTLS	38	155
>PTPN11-V4: KSNPGDFTLS	978	>PTPN11-V4: KSNPGDFTLS	491	487
>PTPN11-V4: KSNPGDFTLS	30	>PTPN11-V4: KSNPGDFTLS	4	26
>PTPN11-V4: KSNPGDFTLS	2675	>PTPN11-V4: KSNPGDFTLS	340	2335
>PTPN11-V4: KSNPGDFTLS	55	>PTPN11-V4: KSNPGDFTLS	13	42
>PTPN11-V4: KSNPGDFTLS	225	>PTPN11-V4: KSNPGDFTLS	45	180
>PTPN11-V4: LSVRRNGAVT	639	>PTPN11-V4: LSLRRNGAVT	459	180
>PTPN11-V4: TLSVRRNGAV	548	>PTPN11-V4: TLSLRRNGAV	403	145
>PTPN11-V4: TLSVRRNGAV	69	>PTPN11-V4: TLSLRRNGAV	66	3

>PTPN11-V4! TLSVRRNGA	481	>PTPN11-V4! TLSLRRNGA	793	312
>PTPN11-V4! TLSVRRNGAV	15	>PTPN11-V4! TLSLRRNGAV	21	6
>PTPN11-V4! FTLSVRRNGA	495	>PTPN11-V4! FTLSLRRNGA	475	20
>PTPN11-V4! FTLSVRRNGA	528	>PTPN11-V4! FTLSLRRNGA	335	193
>PTPN11-V4! FTLSVRRNGA	180	>PTPN11-V4! FTLSLRRNGA	225	45
>PTPN11-V4! FTLSVRRNGA	160	>PTPN11-V4! FTLSLRRNGA	93	67
>PTPN11-V4! FTLSVRRNGA	71	>PTPN11-V4! FTLSLRRNGA	97	26
>PTPN11-V4! FTLSVRRNGA	18	>PTPN11-V4! FTLSLRRNGA	42	24
>PTPN11-V4! FTLSVRRNGA	331	>PTPN11-V4! FTLSLRRNGA	620	289
>PTPN11-V4! FTLSVRRNGA	337	>PTPN11-V4! FTLSLRRNGA	333	4
>PTPN11-V4! FTLSVRRNGA	25	>PTPN11-V4! FTLSLRRNGA	38	13
>PTPN11-V4! FTLSVRRNGA	321	>PTPN11-V4! FTLSLRRNGA	364	43
>PTPN11-V4! FTLSVRRNGA	18	>PTPN11-V4! FTLSLRRNGA	16	2
>PTPN11-V4! FTLSVRRNGA	222	>PTPN11-V4! FTLSLRRNGA	216	6
>PTPN11-V4! DFTLSVRR	19	>PTPN11-V4! DFTLSLRR	23	4
>PTPN11-V4! DFTLSVRR	154	>PTPN11-V4! DFTLSLRR	342	188
>PTPN11-V4! DFTLSVRR	412	>PTPN11-V4! DFTLSLRR	507	95
>PTPN11-V4! NPGDFTLSV	52	>PTPN11-V4! NPGDFTLSL	465	413
>PTPN11-V4! NPGDFTLSV	166	>PTPN11-V4! NPGDFTLSL	36	130
>PTPN11-V4! NPGDFTLSV	1499	>PTPN11-V4! NPGDFTLSL	153	1346
>PTPN11-V4! NPGDFTLSV	4640	>PTPN11-V4! NPGDFTLSL	329	4311
>PTPN11-V4! NPGDFTLSV	740	>PTPN11-V4! NPGDFTLSL	190	550
>PTPN11-V4! NPGDFTLSVR	392	>PTPN11-V4! NPGDFTLSLR	295	97
>PTPN11-V4! NPGDFTLSVR	62	>PTPN11-V4! NPGDFTLSLR	62	0
>PTPN11-V4! SNPGDFTLSV	196	>PTPN11-V4! SNPGDFTLSL	970	774
>PTPN11-V4! SNPGDFTLSV	1050	>PTPN11-V4! SNPGDFTLSL	128	922
>PTPN11-Y6! YDLYGGEKF	303	>PTPN11-Y6! CDLYGGEKF	2122	1819
>PTPN11-Y6! YDLYGGEKF	183	>PTPN11-Y6! CDLYGGEKF	4374	4191
>PTPN11-Y6! YYDLYGGEKF	31	>PTPN11-Y6! YCDLYGGEKF	3300	3269
>PTPN11-Y6! YYDLYGGEKF	76	>PTPN11-Y6! YCDLYGGEKF	11596	11520
>PTPN11-Y6! YYDLYGGEKF	7	>PTPN11-Y6! YCDLYGGEKF	12208	12201
>PTPN11-Y6! YYDLYGGEKF	47	>PTPN11-Y6! YCDLYGGEKF	608	561
>PTPN11-Y6! HIKIQNTGDY	472	>PTPN11-Y6! HIKIQNTGDY	3986	3514
>PTPN11-Y6! HIKIQNTGDY	197	>PTPN11-Y6! HIKIQNTGDY	24575	24378
>PTPN11-Y6! HIKIQNTGDY	402	>PTPN11-Y6! HIKIQNTGDY	18991	18589
>PTPN11-Y6! HIKIQNTGDY	297	>PTPN11-Y6! HIKIQNTGDY	23723	23426
>PTPN11-Y6! DYYDLYGGEK	108	>PTPN11-Y6! DYCDLYGGEK	759	651
>PTPN11-Y6! DYYDLYGGEK	44	>PTPN11-Y6! DYCDLYGGEK	66	22
>PTPN11-Y6! TGDYDDLY	200	>PTPN11-Y6! TGDYCDLY	981	781
>PTPN11-Y6! TGDYDDLY	968	>PTPN11-Y6! TGDYCDLY	490	478
>PTPN11-Y6! NTGDYDDLY	33	>PTPN11-Y6! NTGDYCDLY	173	140
>PTPN11-Y6! NTGDYDDLY	429	>PTPN11-Y6! NTGDYCDLY	1380	951
>PTPN11-Y6! NTGDYDDLY	40	>PTPN11-Y6! NTGDYCDLY	48	8

>PTPN11-Y6:NTGDYYDL	213	>PTPN11-Y6:NTGDYCDLY	209	4
>PTPN11-Y6:NTGDYYDL	482	>PTPN11-Y6:NTGDYCDL	2770	2288
>PTPN11-Y6:NTGDYYDL	425	>PTPN11-Y6:NTGDYCDL	1179	754
>PTPN11-Y6:NTGDYYDL	255	>PTPN11-Y6:NTGDYCDLY	472	217
>PTPN11-Y6:NTGDYYDL	249	>PTPN11-Y6:NTGDYCDLY	123	126
>PTPN11-Y6:IQNTGDYY	329	>PTPN11-Y6:IQNTGDYC	24556	24227
>PTPN11-Y6:IQNTGDYYDL	132	>PTPN11-Y6:IQNTGDYCDL	174	42
>PTPN11-Y6:IQNTGDYY	23	>PTPN11-Y6:IQNTGDYC	18338	18315
>PTPN11-Y6:IQNTGDYYDL	42	>PTPN11-Y6:IQNTGDYCDL	33	9
>PTPN11-Y6:IQNTGDYY	73	>PTPN11-Y6:IQNTGDYC	12922	12849
>PTPN11-Y6:IQNTGDYYDL	124	>PTPN11-Y6:IQNTGDYCDL	116	8
>PTPN11-Y6:IQNTGDYY	245	>PTPN11-Y6:IQNTGDYC	22300	22055
>PTPN11-Y6:IQNTGDYY	27	>PTPN11-Y6:IQNTGDYC	4546	4519
>PTPN11-Y6:IQNTGDYYDL	132	>PTPN11-Y6:IQNTGDYCDL	158	26
>PTPN11-Y6:IQNTGDYYDL	50	>PTPN11-Y6:IQNTGDYCDL	71	21
>PTPN11-Y6:KIQNTGDYYC	452	>PTPN11-Y6:KIQNTGDYCC	1184	732
>PTPN11-Y6:KIQNTGDYY	212	>PTPN11-Y6:KIQNTGDYC	23199	22987
>PTPN11-Y6:KIQNTGDYY	32	>PTPN11-Y6:KIQNTGDYC	16272	16240
>PTPN11-Y6:KIQNTGDYYC	219	>PTPN11-Y6:KIQNTGDYCC	1118	899
>PTPN11-Y6:KIQNTGDYY	332	>PTPN11-Y6:KIQNTGDYC	27078	26746
>PTPN11-Y6:KIQNTGDYY	229	>PTPN11-Y6:KIQNTGDYC	18475	18246
>PTPN11-Y6:KIQNTGDYY	135	>PTPN11-Y6:KIQNTGDYC	19464	19329
>PTPN11-Y6:KIQNTGDYY	478	>PTPN11-Y6:KIQNTGDYC	39018	38540
>PTPN11-Y6:IKIQNTGDYY	248	>PTPN11-Y6:IKIQNTGDYC	32707	32459
>PTPN11-Y6:IKIQNTGDYY	13	>PTPN11-Y6:IKIQNTGDYC	3154	3141
>RAD51L1-A:WAVEILPPQ	1067	>RAD51L1-A:WVPEILPPQ	186	881
>RAD51L1-A:NWAVEILPP	600	>RAD51L1-A:NWVPEILPP	334	266
>RAD51L1-A:NWAVEILPPC	830	>RAD51L1-A:NWVPEILPPC	481	349
>RAD51L1-A:ELNWAPEI	733	>RAD51L1-A:ELNWWPEI	272	461
>RAD51L1-A:ELNWAPEI	17	>RAD51L1-A:ELNWWPEI	5	12
>RAD51L1-A:ELNWAPEIL	110	>RAD51L1-A:ELNWWPEIL	23	87
>RAD51L1-A:ELNWAPEI	60	>RAD51L1-A:ELNWWPEI	35	25
>RAD51L1-A:ELNWAPEIL	390	>RAD51L1-A:ELNWWPEIL	185	205
>RAD51L1-A:ELNWAPEI	50	>RAD51L1-A:ELNWWPEI	38	12
>RAD51L1-A:ELNWAPEIL	103	>RAD51L1-A:ELNWWPEIL	136	33
>RAD51L1-A:ELNWAPEI	32	>RAD51L1-A:ELNWWPEI	27	5
>RAD51L1-A:ELNWAPEIL	84	>RAD51L1-A:ELNWWPEIL	131	47
>RAD51L1-A:ELNWAPEI	888	>RAD51L1-A:ELNWWPEI	372	516
>RAD51L1-A:ELNWAPEI	30	>RAD51L1-A:ELNWWPEI	35	5
>RAD51L1-A:AELNWAPEI	15	>RAD51L1-A:AELNWWPEI	17	2
>RAD51L1-A:AELNWAPEI	604	>RAD51L1-A:AELNWWPEI	361	243
>RAD51L1-A:AELNWAPEI	1082	>RAD51L1-A:AELNWWPEI	188	894
>RAD51L1-A:AELNWAPEI	2120	>RAD51L1-A:AELNWWPEI	384	1736



>RAD51L1-A:AELNWAPEIL	436	>RAD51L1-A:AELNWWPEIL	590	154
>RAD51L1-A:AELNWAPEI	192	>RAD51L1-A:AELNWWPEI	781	589
>RAD51L1-A:AELNWAPE	815	>RAD51L1-A:AELNWWPE	342	473
>RAD51L1-A:AELNWAPEI	34	>RAD51L1-A:AELNWWPEI	22	12
>RAD51L1-A:AELNWAPEIL	555	>RAD51L1-A:AELNWWPEIL	443	112
>RAD51L1-A:AELNWAPEI	158	>RAD51L1-A:AELNWWPEI	159	1
>RAD51L1-A:AELNWAPEI	121	>RAD51L1-A:AELNWWPEI	157	36
>RAD51L1-A:AELNWAPE	162	>RAD51L1-A:AELNWWPE	154	8
>RAD51L1-A:AELNWAPEI	18	>RAD51L1-A:AELNWWPEI	25	7
>RAD51L1-A:AELNWAPEI	3	>RAD51L1-A:AELNWWPEI	2	1
>RAD51L1-A:AELNWAPEIL	9	>RAD51L1-A:AELNWWPEIL	9	0
>RAD51L1-A:AELNWAPEIL	310	>RAD51L1-A:AELNWWPEIL	181	129
>RAD51L1-A:TQAELNWAP	312	>RAD51L1-A:TQAELNWVP	404	92
>RAD51L1-A:TQAELNWA	765	>RAD51L1-A:TQAELNWV	50	715
>RAD51L1-A:TQAELNWAP	54	>RAD51L1-A:TQAELNWVP	34	20
>RAD51L1-A:TQAELNWA	110	>RAD51L1-A:TQAELNWV	15	95
>RAD51L1-A:TQAELNWAP	225	>RAD51L1-A:TQAELNWVP	163	62
>RAD51L1-A:TQAELNWA	224	>RAD51L1-A:TQAELNWV	27	197
>RAD51L1-A:TQAELNWAP	385	>RAD51L1-A:TQAELNWVP	176	209
>RAD51L1-A:TQAELNWA	22	>RAD51L1-A:TQAELNWV	7	15
>RAD51L1-A:TQAELNWAP	157	>RAD51L1-A:TQAELNWVP	1096	939
>RAD51L1-A:TQAELNWAP	7	>RAD51L1-A:TQAELNWVP	8	1
>RAD51L1-A:TQAELNWA	4988	>RAD51L1-A:TQAELNWV	157	4831
>RAD51L1-A:TQAELNWAP	263	>RAD51L1-A:TQAELNWVP	144	119
>RAD51L1-A:TQAELNWA	5579	>RAD51L1-A:TQAELNWV	151	5428
>RAD51L1-A:TQAELNWAP	418	>RAD51L1-A:TQAELNWVP	212	206
>RAD51L1-A:TQAELNWA	17175	>RAD51L1-A:TQAELNWV	463	16712
>RAD51L1-A:TQAELNWA	3591	>RAD51L1-A:TQAELNWV	291	3300
>RAD51L1-A:TQAELNWAP	328	>RAD51L1-A:TQAELNWVP	521	193
>RAD51L1-A:TQAELNWAP	86	>RAD51L1-A:TQAELNWVP	122	36
>RAD51L1-A:VTQAELNWA	1696	>RAD51L1-A:VTQAELNWV	189	1507
>RAD51L1-A:VTQAELNWA	1405	>RAD51L1-A:VTQAELNWV	162	1243
>RAD51L1-A:VTQAELNWA	2439	>RAD51L1-A:VTQAELNWV	146	2293
>RAD51L1-A:VTQAELNWA	10104	>RAD51L1-A:VTQAELNWV	386	9718
>RAD51L1-A:VTQAELNWA	11432	>RAD51L1-A:VTQAELNWV	135	11297
>RAD51L1-A:VTQAELNWA	3354	>RAD51L1-A:VTQAELNWV	401	2953
>RAD51L1-A:SVTQAELNW	1645	>RAD51L1-A:SVTQAELNW	199	1446
>RAD51L1-A:SVTQAELNW	889	>RAD51L1-A:SVTQAELNW	156	733
>RAD51L1-A:SVTQAELNW	5046	>RAD51L1-A:SVTQAELNW	81	4965
>RAD51L1-A:SVTQAELNW	2016	>RAD51L1-A:SVTQAELNW	12	2004
>RAF1-A319S:RAPVSGTQEK	378	>RAF1-A319S:RSPVSGTQEK	121	257
>RAF1-A319S:RAPVSGTQEK	318	>RAF1-A319S:RSPVSGTQEK	115	203
>RAF1-A319S:RERAPVSGT	256	>RAF1-A319S:RERSPVSGT	746	490

>RAF1-A319!RERAPVSGTC	320	>RAF1-A319!RERSPVSGTC	420	100
>RAF1-A319!RERAPVSGT	453	>RAF1-A319!RERSPVSGT	858	405
>RAF1-A319!RERAPVSGT	37	>RAF1-A319!RERSPVSGT	34	3
>RAF1-A319!AQRERAPV	73	>RAF1-A319!AQRERSPV	52	21
>RAF1-A319!AQRERAPV	50	>RAF1-A319!AQRERSPV	66	16
>RAF1-A319!AQRERAPV	42	>RAF1-A319!AQRERSPV	39	3
>RAF1-A319!AQRERAPVS	770	>RAF1-A319!AQRERSPVS	163	607
>RAF1-A319!AQRERAPVSC	402	>RAF1-A319!AQRERSPVSC	217	185
>RAF1-A319!AQRERAPV	254	>RAF1-A319!AQRERSPV	152	102
>RAF1-A319!AQRERAPVSC	715	>RAF1-A319!AQRERSPVSC	381	334
>RAF1-A319!AQRERAPV	56	>RAF1-A319!AQRERSPV	25	31
>RAF1-A319!VPAQRERA	399	>RAF1-A319!VPAQRERS	10381	9982
>RAF1-A319!VPAQRERAPV	56	>RAF1-A319!VPAQRERSPV	59	3
>RAF1-A319!VPAQRERAPV	410	>RAF1-A319!VPAQRERSPV	668	258
>RAF1-A319!PVPAQRERAF	307	>RAF1-A319!PVPAQRERSF	552	245
>RAF1-A319!TPVPAQRERA	229	>RAF1-A319!TPVPAQRERS	4880	4651
>RAF1-N115!NTDAASLI	250	>RAF1-N115!STDAASLI	747	497
>RAF1-N115!NTDAASLI	36	>RAF1-N115!STDAASLI	87	51
>RAF1-N115!NTDAASLI	2226	>RAF1-N115!STDAASLI	230	1996
>RAF1-N115!NTDAASLI	184	>RAF1-N115!STDAASLI	33	151
>RAF1-N115!WNTDAASLI	162	>RAF1-N115!WSTDAASLI	379	217
>RAF1-N115!WNTDAASL	4542	>RAF1-N115!WSTDAASL	366	4176
>RAF1-N115!WNTDAASLI	2136	>RAF1-N115!WSTDAASLI	129	2007
>RAF1-N115!WNTDAASL	15729	>RAF1-N115!WSTDAASL	14	15715
>RAF1-N115!WNTDAASLI	21202	>RAF1-N115!WSTDAASLI	61	21141
>RAF1-N115!WNTDAASLI	8839	>RAF1-N115!WSTDAASLI	63	8776
>RAF1-N115!WNTDAASL	1344	>RAF1-N115!WSTDAASL	67	1277
>RAF1-N115!WNTDAASLI	89	>RAF1-N115!WSTDAASLI	9	80
>RAF1-N115!WNTDAASLI	476	>RAF1-N115!WSTDAASLI	23	453
>RAF1-N115!WNTDAASLI	455	>RAF1-N115!WSTDAASLI	3393	2938
>RAF1-N115!DWNTDAASL	706	>RAF1-N115!DWSTDAASLI	490	216
>RAF1-N115!LDWNTDAAS	86	>RAF1-N115!LDWSTDAASLI	105	19
>RAF1-N115!LDWNTDAAS	114	>RAF1-N115!LDWSTDAASLI	95	19
>RAF1-N115!LDWNTDAAS	563	>RAF1-N115!LDWSTDAASLI	383	180
>RAF1-N115!LDWNTDAAS	34	>RAF1-N115!LDWSTDAASLI	29	5
>RAF1-N115!RLDWNTDAA	674	>RAF1-N115!RLDWSTDAA	447	227
>RAF1-N115!RLDWNTDAA	96	>RAF1-N115!RLDWSTDAA	79	17
>RAF1-N115!RLDWNTDAA	400	>RAF1-N115!RLDWSTDAA	255	145
>RAF1-N115!RLDWNTDAA	80	>RAF1-N115!RLDWSTDAA	56	24
>RAF1-N115!RLDWNTDA	895	>RAF1-N115!RLDWSTDA	407	488
>RAF1-N115!RLDWNTDAA	484	>RAF1-N115!RLDWSTDAA	251	233
>RAF1-N115!RLDWNTDAA	274	>RAF1-N115!RLDWSTDAA	186	88
>RAF1-N115!RLDWNTDAA	264	>RAF1-N115!RLDWSTDAA	191	73

>RAF1-N115!RLDWNTDAA	187	>RAF1-N115!RLDWSTDAA	162	25
>RAF1-N115!RLDWNTDA	33	>RAF1-N115!RLDWSTDA	41	8
>RAF1-N115!RLDWNTDAA	6	>RAF1-N115!RLDWSTDAA	10	4
>RAF1-N115!RLDWNTDAA	211	>RAF1-N115!RLDWSTDAA	385	174
>RAF1-N115!RLDWNTDAA	4	>RAF1-N115!RLDWSTDAA	5	1
>RAF1-N115!RLDWNTDA	334	>RAF1-N115!RLDWSTDA	554	220
>RAF1-N115!RLDWNTDAA	17	>RAF1-N115!RLDWSTDAA	54	37
>RAF1-N115!RLDWNTDAA	7	>RAF1-N115!RLDWSTDAA	12	5
>RAF1-N115!RLDWNTDA	66	>RAF1-N115!RLDWSTDA	42	24
>RAF1-N115!RLDWNTDAA	61	>RAF1-N115!RLDWSTDAA	53	8
>RAF1-N115!RLDWNTDAA	24	>RAF1-N115!RLDWSTDAA	21	3
>RAF1-N115!RLDWNTDAA	95	>RAF1-N115!RLDWSTDAA	283	188
>RAF1-N115!RLDWNTDAA	12	>RAF1-N115!RLDWSTDAA	20	8
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>RAF1-N115!RLDWNTDAA	50	>RAF1-N115!RLDWSTDAA	65	15
>RAF1-N115!RLDWNTDAA	7	>RAF1-N115!RLDWSTDAA	7	0
>RAF1-N115!RLDWNTDAA	65	>RAF1-N115!RLDWSTDAA	116	51
>RAF1-N115!KARLDWNT	555	>RAF1-N115!KARLDWST	416	139
>RAF1-N115!KARLDWNTD	446	>RAF1-N115!KARLDWSTD	567	121
>RAF1-N115!KARLDWNTD	60	>RAF1-N115!KARLDWSTD,	47	13
>RAF1-N115!KARLDWNTD	24	>RAF1-N115!KARLDWSTD,	22	2
>RAF1-Q335!QRDSSYYWEI	529	>RAF1-Q335!HRDSSYYWEI	49	480
>RAF1-Q335!QRDSSYYWEI	545	>RAF1-Q335!HRDSSYYWEI	95	450
>RAF1-Q335!QRDSSYYW	2665	>RAF1-Q335!HRDSSYYW	116	2549
>RAF1-Q335!GQRDSSYYW	372	>RAF1-Q335!GHRDSSYYW	17003	16631
>RAF1-Q335!GQRDSSYYW	48	>RAF1-Q335!GHRDSSYYW	16032	15984
>RAF1-Q335!GQRDSSYYW	341	>RAF1-Q335!GHRDSSYYW	16107	15766
>RAF1-Q335!GQRDSSYY	368	>RAF1-Q335!GHRDSSYY	327	41
>RAF1-Q335!GQRDSSYY	128	>RAF1-Q335!GHRDSSYY	498	370
>RAF1-Q335!GQRDSSYY	35	>RAF1-Q335!GHRDSSYY	4859	4824
>RAF1-Q335!GQRDSSYYW	141	>RAF1-Q335!GHRDSSYYW	19493	19352
>RAF1-Q335!GQRDSSYY	86	>RAF1-Q335!GHRDSSYY	2012	1926
>RAF1-Q335!GQRDSSYY	8	>RAF1-Q335!GHRDSSYY	139	131
>RAF1-Q335!GQRDSSYYW	197	>RAF1-Q335!GHRDSSYYW	4140	3943
>RAF1-Q335!GQRDSSYYW	79	>RAF1-Q335!GHRDSSYYW	1303	1224
>RAF1-Q335!GQRDSSYYW	184	>RAF1-Q335!GHRDSSYYW	2740	2556
>RAF1-Q335!GQRDSSYYW	780	>RAF1-Q335!GHRDSSYYW	44	736
>RAF1-Q335!RGQRDSSYY	5653	>RAF1-Q335!RGHRDSSYY	208	5445
>RAF1-Q335!RGQRDSSYY	94	>RAF1-Q335!RGHRDSSYY	127	33
>RAF1-Q335!RGQRDSSYY	55	>RAF1-Q335!RGHRDSSYY	69	14
>RAF1-Q335!RGQRDSSYY	156	>RAF1-Q335!RGHRDSSYY	148	8
>RAF1-Q335!RGQRDSSYY	198	>RAF1-Q335!RGHRDSSYY	184	14
>RAF1-Q335!RGQRDSSYY	944	>RAF1-Q335!RGHRDSSYY	326	618

>RAF1-Q335IRGQRDSSYY	687	>RAF1-Q335IRGHRDSSYY	221	466
>RAF1-Q335IRGQRDSSY	1220	>RAF1-Q335IRGHRDSSY	382	838
>RAF1-Q335IRGQRDSSYY	1579	>RAF1-Q335IRGHRDSSYY	392	1187
>RAF1-Q335IRGQRDSSYYV	328	>RAF1-Q335IRGHRDSSYYV	110	218
>RAF1-Q335IRGQRDSSYYV	66	>RAF1-Q335IRGHRDSSYYV	59	7
>RAF1-Q335IRGQRDSSYYV	14	>RAF1-Q335IRGHRDSSYYV	20	6
>RAF1-Q335IRGQRDSSYY	24	>RAF1-Q335IRGHRDSSYY	38	14
>RAF1-Q335IRPRGQRDS	261	>RAF1-Q335IRPRGHRDS	82	179
>RAF1-Q335IRPRGQRDSS	25	>RAF1-Q335IRPRGHRDSS	18	7
>RAF1-Q335IRPRGQRDSS\	89	>RAF1-Q335IRPRGHRDSS\	73	16
>RAF1-Q335IRPRGQRDSS\	70	>RAF1-Q335IRPRGHRDSS\	33	37
>RAF1-Q335IRPRGQRDSS\	356	>RAF1-Q335IRPRGHRDSS\	253	103
>RAF1-Q335IRPRGQRDSS\	64	>RAF1-Q335IRPRGHRDSS\	90	26
>RAF1-Q335IRPRGQRDSS\	300	>RAF1-Q335IRPRGHRDSS\	339	39
>RAF1-Q335IRPRGQRDSS	325	>RAF1-Q335IRPRGHRDSS	223	102
>RAF1-Q335IKIRPRGQR	348	>RAF1-Q335IKIRPRGHR	286	62
>RAF1-Q335IKIRPRGQR	12	>RAF1-Q335IKIRPRGHR	9	3
>RAF1-Q335IKIRPRGQRD	296	>RAF1-Q335IKIRPRGHRD	327	31
>RAF1-Q335IKIRPRGQRDS	63	>RAF1-Q335IKIRPRGHRDS	36	27
>RAF1-Q335IKIRPRGQRDS	31	>RAF1-Q335IKIRPRGHRDS	34	3
>RAF1-Q335IKIRPRGQR	15	>RAF1-Q335IKIRPRGHR	11	4
>RAF1-Q335IKIRPRGQR	178	>RAF1-Q335IKIRPRGHR	51	127
>RAF1-Q335IKNKIRPRGQF	938	>RAF1-Q335IKNKIRPRGHR	378	560
>RAF1-Q335IEKNKIRPRGQ	222	>RAF1-Q335IEKNKIRPRGH	335	113
>RAF1-S259A STPNVHMV	313	>RAF1-S259A ATPNVHMV	275	38
>RAF1-S259A STPNVHMV	218	>RAF1-S259A ATPNVHMV	227	9
>RAF1-S259A STPNVHMV	14	>RAF1-S259A ATPNVHMV	17	3
>RAF1-S259A STPNVHMV	41	>RAF1-S259A ATPNVHMV	86	45
>RAF1-S259A STPNVHMV	76	>RAF1-S259A ATPNVHMV	54	22
>RAF1-S259A STPNVHMV	9	>RAF1-S259A ATPNVHMV	30	21
>RAF1-S259A STPNVHMVS	280	>RAF1-S259A ATPNVHMVS	1139	859
>RAF1-S259A STPNVHMV	52	>RAF1-S259A ATPNVHMV	569	517
>RAF1-S259A STPNVHMV	7	>RAF1-S259A ATPNVHMV	5	2
>RAF1-S259A STPNVHMVS	35	>RAF1-S259A ATPNVHMVS	76	41
>RAF1-S259A STPNVHMVS	78	>RAF1-S259A ATPNVHMVS	162	84
>RAF1-S259A STPNVHMVS	106	>RAF1-S259A ATPNVHMVS	216	110
>RAF1-S259A TSTPNVHMV	1133	>RAF1-S259A TATPNVHMV	413	720
>RAF1-S259A TSTPNVHMV	1407	>RAF1-S259A TATPNVHMV	195	1212
>RAF1-S259A TSTPNVHMV	644	>RAF1-S259A TATPNVHMV	12	632
>RAF1-S259A TSTPNVHM	427	>RAF1-S259A TATPNVHM	2526	2099
>RAF1-S259A TSTPNVHMV	15	>RAF1-S259A TATPNVHMV	11	4
>RAF1-S259A TSTPNVHMV	68	>RAF1-S259A TATPNVHMV	22	46
>RAF1-S259A TSTPNVHM	46	>RAF1-S259A TATPNVHM	349	303

>RAF1-S259A TSTPNVHM	412	>RAF1-S259A TATPNVHM	1143	731
>RAF1-S259A TSTPNVHM	468	>RAF1-S259A TATPNVHM	4681	4213
>RAF1-S259A TSTPNVH MV	69	>RAF1-S259A TATPNVH MV	238	169
>RAF1-S259A TSTPNVHM	148	>RAF1-S259A TATPNVHM	2687	2539
>RAF1-S259A STSTPNVHM'	423	>RAF1-S259A STATPNVHM	455	32
>RAF1-S259A STSTPNVHM'	208	>RAF1-S259A STATPNVHM	262	54
>RAF1-S259A STSTPNVHM'	61	>RAF1-S259A STATPNVHM	36	25
>RAF1-S259A STSTPNVHM'	152	>RAF1-S259A STATPNVHM	58	94
>RAF1-S259A STSTPNVHM'	73	>RAF1-S259A STATPNVHM	51	22
>RAF1-S259A STSTPNVHM	92	>RAF1-S259A STATPNVHM	15	77
>RAF1-S259A STSTPNVHM	115	>RAF1-S259A STATPNVHM	29	86
>RAF1-S259A STSTPNVHM'	21	>RAF1-S259A STATPNVHM	18	3
>RAF1-S259A STSTPNVHM'	736	>RAF1-S259A STATPNVHM	161	575
>RAF1-S259A STSTPNVHM	957	>RAF1-S259A STATPNVHM	178	779
>RAF1-S259A STSTPNVHM'	12	>RAF1-S259A STATPNVHM	6	6
>RAF1-S259A STSTPNVHM	62	>RAF1-S259A STATPNVHM	53	9
>RAF1-S259A STSTPNVHM	172	>RAF1-S259A STATPNVHM	65	107
>RAF1-S259A STSTPNVHM'	117	>RAF1-S259A STATPNVHM	50	67
>RAF1-S259A STSTPNVHM	41	>RAF1-S259A STATPNVHM	43	2
>RAF1-S259A STSTPNVHM'	450	>RAF1-S259A STATPNVHM	854	404
>RAF1-S259A STSTPNVHM	600	>RAF1-S259A STATPNVHM	258	342
>RAF1-S259A RSTSTPNV	158	>RAF1-S259A RSTATPNV	89	69
>RAF1-S259A RSTSTPNVHM	455	>RAF1-S259A RSTATPNVHM	259	196
>RAF1-S259A RSTSTPNVHM	615	>RAF1-S259A RSTATPNVHM	348	267
>RAF1-S259A RSTSTPNV	464	>RAF1-S259A RSTATPNV	963	499
>RAF1-S259A RSTSTPNVHM	55	>RAF1-S259A RSTATPNVHM	93	38
>RAF1-S259A RSTSTPNVHM	497	>RAF1-S259A RSTATPNVHM	882	385
>RAF1-S259A RSTSTPNV	157	>RAF1-S259A RSTATPNV	100	57
>RAF1-S259A RSTSTPNVHM	12	>RAF1-S259A RSTATPNVHM	8	4
>RAF1-S259A RSTSTPNVHM	200	>RAF1-S259A RSTATPNVHM	103	97
>RAF1-S259A RSTSTPNVH	1044	>RAF1-S259A RSTATPNVH	492	552
>RAF1-S259A RSTSTPNVHM	44	>RAF1-S259A RSTATPNVHM	34	10
>RAF1-S259A RSTSTPNVHM	431	>RAF1-S259A RSTATPNVHM	270	161
>RAF1-S259A RSTSTPNVHM	140	>RAF1-S259A RSTATPNVHM	177	37
>RAF1-S259A RSTSTPNVHM	139	>RAF1-S259A RSTATPNVHM	177	38
>RAF1-S259A RSTSTPNV	68	>RAF1-S259A RSTATPNV	64	4
>RAF1-S259A RSTSTPNVH	50	>RAF1-S259A RSTATPNVH	243	193
>RAF1-S259A RSTSTPNVHM	26	>RAF1-S259A RSTATPNVHM	28	2
>RAF1-S259A RSTSTPNVHM	156	>RAF1-S259A RSTATPNVHM	594	438
>RAF1-S259A QRSTSTPNV	294	>RAF1-S259A QRSTATPNV	720	426
>RAF1-S259A QRSTSTPNV†	81	>RAF1-S259A QRSTATPNV†	172	91
>RAF1-S259A QRSTSTPNV†	457	>RAF1-S259A QRSTATPNV†	289	168
>RAF1-S259A RQRSTSTPNV	250	>RAF1-S259A RQRSTATPNV	378	128

>RAF1-S259A RQRSTSTP	174	>RAF1-S259A RQRSTATP	181	7
>RAF1-S259A RQRSTSTPN	96	>RAF1-S259A RQRSTATPN	352	256
>RAF1-S259A RQRSTSTPNV	6	>RAF1-S259A RQRSTATPN\	9	3
>RAF1-S259A RQRSTSTPNV	171	>RAF1-S259A RQRSTATPN\	307	136
>RAF1-S259A RQRSTSTP	383	>RAF1-S259A RQRSTATP	637	254
>RAF1-S259A RQRSTSTPN	161	>RAF1-S259A RQRSTATPN	566	405
>RAF1-S259A RQRSTSTPNV	177	>RAF1-S259A RQRSTATPN\	298	121
>RAF1-S259A RQRSTSTPNV	93	>RAF1-S259A RQRSTATPN\	123	30
>RAF1-S259A RQRSTSTP	31	>RAF1-S259A RQRSTATP	70	39
>RAF1-S259A RQRSTSTPN	29	>RAF1-S259A RQRSTATPN	46	17
>RAF1-S259A RQRSTSTPNV	5	>RAF1-S259A RQRSTATPN\	8	3
>RAF1-S259A RQRSTSTPNV	7	>RAF1-S259A RQRSTATPN\	9	2
>RAF1-S259A QRQRSTSTPN	354	>RAF1-S259A QRQRSTATPI	635	281
>RAF1-S259A QRQRSTSTPN	354	>RAF1-S259A QRQRSTATPI	415	61
>RAF1-S259A QRQRSTSTPN	247	>RAF1-S259A QRQRSTATPI	277	30
>RAF1-S259A SQRQRSTS	1973	>RAF1-S259A SQRQRSTA	168	1805
>RAF1-S259A SQRQRSTS	2309	>RAF1-S259A SQRQRSTA	280	2029
>RAF1-S259A SQRQRSTS	1710	>RAF1-S259A SQRQRSTA	395	1315
>RAF1-S259A SLSQRQRSTS	6436	>RAF1-S259A SLSQRQRSTA	336	6100
>RAF1-S259A SLSQRQRSTS	5726	>RAF1-S259A SLSQRQRSTA	193	5533
>RAF1-S259A SLSQRQRSTS	298	>RAF1-S259A SLSQRQRSTA	354	56
>RAF1-S259A SLSQRQRSTS	1683	>RAF1-S259A SLSQRQRSTA	15	1668
>RAF1-S259A SLSQRQRSTS	106	>RAF1-S259A SLSQRQRSTA	282	176
>RANBP17-D DLFFNLYHSL	615	>RANBP17-D HLFFNLYHSL	133	482
>RANBP17-D DLFFNLYHS	5950	>RANBP17-D HLFFNLYHS	146	5804
>RANBP17-D DLFFNLYHSL	122	>RANBP17-D HLFFNLYHSL	33	89
>RANBP17-D DLFFNLYHSL	297	>RANBP17-D HLFFNLYHSL	108	189
>RANBP17-D DLFFNLYHS	3437	>RANBP17-D HLFFNLYHS	316	3121
>RANBP17-D DLFFNLYHSL	22	>RANBP17-D HLFFNLYHSL	4	18
>RANBP17-D DLFFNLYHS	2941	>RANBP17-D HLFFNLYHS	135	2806
>RANBP17-D DLFFNLYHSL	70	>RANBP17-D HLFFNLYHSL	6	64
>RANBP17-D DLFFNLYHSL	154	>RANBP17-D HLFFNLYHSL	19	135
>RANBP17-D DLFFNLYHSL	50	>RANBP17-D HLFFNLYHSL	24	26
>RANBP17-D DLFFNLYHSL	19	>RANBP17-D HLFFNLYHSL	3	16
>RANBP17-D DLFFNLYH	6117	>RANBP17-D HLFFNLYH	120	5997
>RANBP17-D DLFFNLYH	826	>RANBP17-D HLFFNLYH	228	598
>RANBP17-D DLFFNLYHSL	401	>RANBP17-D HLFFNLYHSL	32	369
>RANBP17-D DLFFNLYHSL	124	>RANBP17-D HLFFNLYHSL	173	49
>RANBP17-D DLFFNLYHSL	3258	>RANBP17-D HLFFNLYHSL	220	3038
>RANBP17-D DLFFNLYHSL	6879	>RANBP17-D HLFFNLYHSL	284	6595
>RANBP17-D LDLFFNLY	77	>RANBP17-D LHLFFNLY	25	52
>RANBP17-D LDLFFNLY	1672	>RANBP17-D LHLFFNLY	330	1342
>RANBP17-D LDLFFNLY	1909	>RANBP17-D LHLFFNLY	395	1514

>RANBP17-D LDLFFNLY	2041	>RANBP17-D LHLFFNLY	91	1950
>RANBP17-D LDLFFNLYHSI	3687	>RANBP17-D LHLFFNLYHSI	192	3495
>RANBP17-D LDLFFNLYHSI	7784	>RANBP17-D LHLFFNLYHSI	104	7680
>RANBP17-D LDLFFNLYHSI	105	>RANBP17-D LHLFFNLYHSI	8886	8781
>RANBP17-D LDLFFNLY	25870	>RANBP17-D LHLFFNLY	174	25696
>RANBP17-D RTIFLEPETLD	5925	>RANBP17-D RTIFLEPETLH	232	5693
>RANBP17-D RTIFLEPETLD	3541	>RANBP17-D RTIFLEPETLH	66	3475
>RANBP17-D TLDLFFNL	550	>RANBP17-D TLHLFFNL	47	503
>RANBP17-D TLDLFFNLY	11	>RANBP17-D TLHLFFNLY	1572	1561
>RANBP17-D TLDLFFNL	50	>RANBP17-D TLHLFFNL	147	97
>RANBP17-D TLDLFFNL	44	>RANBP17-D TLHLFFNL	40	4
>RANBP17-D TLDLFFNL	1408	>RANBP17-D TLHLFFNL	197	1211
>RANBP17-D TLDLFFNL	144	>RANBP17-D TLHLFFNL	548	404
>RANBP17-D TLDLFFNL	55	>RANBP17-D TLHLFFNL	96	41
>RANBP17-D TLDLFFNL	59	>RANBP17-D TLHLFFNL	292	233
>RANBP17-D TLDLFFNL	44	>RANBP17-D TLHLFFNL	290	246
>RANBP17-D TLDLFFNL	108	>RANBP17-D TLHLFFNL	1586	1478
>RANBP17-D TLDLFFNL	28	>RANBP17-D TLHLFFNL	17	11
>RANBP17-D TLDLFFNLY	1907	>RANBP17-D TLHLFFNLY	282	1625
>RANBP17-D TLDLFFNLY	470	>RANBP17-D TLHLFFNLY	212	258
>RANBP17-D TLDLFFNLY	7543	>RANBP17-D TLHLFFNLY	423	7120
>RANBP17-D TLDLFFNLY	96	>RANBP17-D TLHLFFNLY	23	73
>RANBP17-D TLDLFFNLY	321	>RANBP17-D TLHLFFNLY	213	108
>RANBP17-D TLDLFFNL	230	>RANBP17-D TLHLFFNL	1772	1542
>RANBP17-D TLDLFFNLY	39	>RANBP17-D TLHLFFNLY	23	16
>RANBP17-D TLDLFFNLY	1747	>RANBP17-D TLHLFFNLY	388	1359
>RANBP17-D ETLDLFFNLY	71	>RANBP17-D ETLHLFFNLY	210	139
>RANBP17-D ETLDLFFNL	102	>RANBP17-D ETLHLFFNL	398	296
>RANBP17-D ETLDLFFNL	437	>RANBP17-D ETLHLFFNL	4481	4044
>RANBP17-D ETLDLFFNLY	51	>RANBP17-D ETLHLFFNLY	108	57
>RANBP17-D ETLDLFFNLY	152	>RANBP17-D ETLHLFFNLY	257	105
>RANBP17-D ETLDLFFNL	75	>RANBP17-D ETLHLFFNL	146	71
>RANBP17-D ETLDLFFNLY	11	>RANBP17-D ETLHLFFNLY	18	7
>RANBP17-D ETLDLFFNL	30	>RANBP17-D ETLHLFFNL	47	17
>RANBP17-D ETLDLFFNLY	5	>RANBP17-D ETLHLFFNLY	6	1
>RANBP17-D ETLDLFFNLY†	424	>RANBP17-D ETLHLFFNLY†	607	183
>RANBP17-D ETLDLFFNLY	262	>RANBP17-D ETLHLFFNLY	208	54
>RANBP17-D ETLDLFFNLY	116	>RANBP17-D ETLHLFFNLY	129	13
>RANBP17-D ETLDLFFNLY	116	>RANBP17-D ETLHLFFNLY	294	178
>RANBP17-D ETLDLFFNLY†	219	>RANBP17-D ETLHLFFNLY†	364	145
>RANBP17-D ETLDLFFNL	6	>RANBP17-D ETLHLFFNL	7	1
>RANBP17-D ETLDLFFN	192	>RANBP17-D ETLHLFFN	805	613
>RANBP17-D ETLDLFFNL	3	>RANBP17-D ETLHLFFNL	4	1

>RANBP17-D ETLDLFFNLY	169	>RANBP17-D ETLHLFFNLY	665	496
>RANBP17-D ETLDLFFNLY†	441	>RANBP17-D ETLHLFFNLY†	1633	1192
>RANBP17-D ETLDLFFNLY	91	>RANBP17-D ETLHLFFNLY	38	53
>RANBP17-D ETLDLFFNL	127	>RANBP17-D ETLHLFFNL	168	41
>RANBP17-D ETLDLFFNLY	145	>RANBP17-D ETLHLFFNLY	180	35
>RANBP17-D ETLDLFFNL	472	>RANBP17-D ETLHLFFNL	1678	1206
>RANBP17-D ETLDLFFNL	683	>RANBP17-D ETLHLFFNL	451	232
>RANBP17-D ETLDLFFNLY†	694	>RANBP17-D ETLHLFFNLY†	480	214
>RANBP17-D PETLDLFF	1150	>RANBP17-D PETLHLFF	287	863
>RANBP17-D PETLDLFFNLY	946	>RANBP17-D PETLHLFFNLY	434	512
>RANBP17-D PETLDLFFNL	123	>RANBP17-D PETLHLFFNL	183	60
>RANBP17-D EPETLDLFF	250	>RANBP17-D EPETLHLFF	216	34
>RANBP17-D EPETLDLFFNI	122	>RANBP17-D EPETLHLFFNI	104	18
>RANBP17-D EPETLDF	72	>RANBP17-D EPETLHLF	120	48
>RANBP17-D EPETLDLFF	36	>RANBP17-D EPETLHLFF	102	66
>RANBP17-D EPETLDF	170	>RANBP17-D EPETLHLF	176	6
>RANBP17-D EPETLDLFF	130	>RANBP17-D EPETLHLFF	465	335
>RANBP17-D EPETLDLFFNI	48	>RANBP17-D EPETLHLFFNI	99	51
>RANBP17-D EPETLDF	102	>RANBP17-D EPETLHLF	120	18
>RANBP17-D EPETLDLFF	100	>RANBP17-D EPETLHLFF	306	206
>RANBP17-D EPETLDLFFNI	307	>RANBP17-D EPETLHLFFNI	501	194
>RANBP17-D LEPETLDF	40	>RANBP17-D LEPETLHLF	29	11
>RANBP17-D LEPETLDLFF	74	>RANBP17-D LEPETLHLFF	51	23
>RANBP17-D LEPETLDF	197	>RANBP17-D LEPETLHLF	14	183
>RANBP17-D LEPETLDF	609	>RANBP17-D LEPETLHLF	75	534
>RANBP17-D LEPETLDLFF	2064	>RANBP17-D LEPETLHLFF	252	1812
>RANBP17-D LEPETLDF	79	>RANBP17-D LEPETLHLF	114	35
>RANBP17-D FLEPETLDL	262	>RANBP17-D FLEPETLHL	58	204
>RANBP17-D FLEPETLDL	17	>RANBP17-D FLEPETLHL	6	11
>RANBP17-D FLEPETLDLFF	181	>RANBP17-D FLEPETLHLFF	119	62
>RANBP17-D FLEPETLDL	208	>RANBP17-D FLEPETLHL	78	130
>RANBP17-D FLEPETLDL	197	>RANBP17-D FLEPETLHL	21	176
>RANBP17-D FLEPETLDL	355	>RANBP17-D FLEPETLHL	63	292
>RANBP17-D FLEPETLDL	78	>RANBP17-D FLEPETLHL	12	66
>RANBP17-D FLEPETLDL	272	>RANBP17-D FLEPETLHL	47	225
>RANBP17-D FLEPETLDL	1350	>RANBP17-D FLEPETLHL	465	885
>RANBP17-D FLEPETLDL	3	>RANBP17-D FLEPETLHL	3	0
>RANBP17-D FLEPETLDF	748	>RANBP17-D FLEPETLHLF	68	680
>RANBP17-D FLEPETLDLFF	167	>RANBP17-D FLEPETLHLFF	109	58
>RANBP17-D FLEPETLDF	710	>RANBP17-D FLEPETLHLF	409	301
>RANBP17-D IFLEPETLDF	125	>RANBP17-D IFLEPETLHLF	52	73
>RANBP17-D IFLEPETLDF	549	>RANBP17-D IFLEPETLHLF	210	339
>RANBP17-D IFLEPETLDL	335	>RANBP17-D IFLEPETLHL	174	161



>RANBP17-D IFLEPETLDFL	36	>RANBP17-D IFLEPETLHLF	29	7
>RANBP17-D IFLEPETLDFL	997	>RANBP17-D IFLEPETLHLF	187	810
>RANBP17-D IFLEPETLDL	7320	>RANBP17-D IFLEPETLHL	390	6930
>RANBP17-D TIFLEPETLDL	1231	>RANBP17-D TIFLEPETLHL	351	880
>RANBP17-D TIFLEPETLDL	450	>RANBP17-D TIFLEPETLHL	1105	655
>RARA-A255' ADQITLLKAA	250	>RARA-A255' TDQITLLKAA	2899	2649
>RARA-A255' IADQITLLK	5028	>RARA-A255' ITDQITLLK	150	4878
>RARA-A255' IADQITLL	839	>RARA-A255' ITDQITLL	303	536
>RARA-A255' IADQITLLK	409	>RARA-A255' ITDQITLLK	103	306
>RARA-A255' IADQITLLK	42	>RARA-A255' ITDQITLLK	16	26
>RARA-A255' IADQITLLK	235	>RARA-A255' ITDQITLLK	74	161
>RARA-A255' IADQITLL	813	>RARA-A255' ITDQITLL	37	776
>RARA-A255' IADQITLL	3191	>RARA-A255' ITDQITLL	285	2906
>RARA-A255' QLPGFTTLTIA	110	>RARA-A255' QLPGFTTLTIT	727	617
>RARA-A255' QLPGFTTLTIA	33	>RARA-A255' QLPGFTTLTIT	536	503
>RARA-A255' QLPGFTTLTIA	43	>RARA-A255' QLPGFTTLTIT	490	447
>RARA-A255' TIADQITL	308	>RARA-A255' TITDQITL	1568	1260
>RARA-A255' TIADQITLL	90	>RARA-A255' TITDQITLL	540	450
>RARA-A255' TIADQITL	38	>RARA-A255' TITDQITL	369	331
>RARA-A255' TIADQITLL	5	>RARA-A255' TITDQITLL	25	20
>RARA-A255' TIADQITLLKA	257	>RARA-A255' TITDQITLLKA	2209	1952
>RARA-A255' TIADQITL	128	>RARA-A255' TITDQITL	1048	920
>RARA-A255' TIADQITLL	11	>RARA-A255' TITDQITLL	80	69
>RARA-A255' TIADQITLLKA	51	>RARA-A255' TITDQITLLKA	413	362
>RARA-A255' TIADQITL	115	>RARA-A255' TITDQITL	347	232
>RARA-A255' TIADQITLL	42	>RARA-A255' TITDQITLL	114	72
>RARA-A255' TIADQITLLKA	276	>RARA-A255' TITDQITLLKA	718	442
>RARA-A255' TIADQITL	339	>RARA-A255' TITDQITL	832	493
>RARA-A255' TIADQITLL	495	>RARA-A255' TITDQITLL	1116	621
>RARA-A255' TIADQITL	463	>RARA-A255' TITDQITL	1125	662
>RARA-A255' TIADQITL	15	>RARA-A255' TITDQITL	17	2
>RARA-A255' TIADQITLL	9	>RARA-A255' TITDQITLL	11	2
>RARA-A255' TIADQITLLKA	155	>RARA-A255' TITDQITLLKA	184	29
>RARA-A255' TIADQITLLK	29	>RARA-A255' TITDQITLLK	43	14
>RARA-A255' TIADQITLLK	14	>RARA-A255' TITDQITLLK	14	0
>RARA-A255' TIADQITLLK	7	>RARA-A255' TITDQITLLK	17	10
>RARA-A255' TIADQITL	73	>RARA-A255' TITDQITL	487	414
>RARA-A255' TIADQITLL	22	>RARA-A255' TITDQITLL	111	89
>RARA-A255' TIADQITLLKA	312	>RARA-A255' TITDQITLLKA	1727	1415
>RARA-A255' TIADQITL	455	>RARA-A255' TITDQITL	2326	1871
>RARA-A255' TIADQITLL	486	>RARA-A255' TITDQITLL	2696	2210
>RARA-A255' LTIADQITLL	123	>RARA-A255' LTITDQITLL	155	32
>RARA-A255' LTIADQITLL	262	>RARA-A255' LTITDQITLL	387	125

>RARA-A255' LTIADQITL	277	>RARA-A255' LTITDQITL	761	484
>RARA-A255' LTIADQITLL	196	>RARA-A255' LTITDQITLL	171	25
>RARA-A255' LTIADQITLLK	156	>RARA-A255' LTITDQITLLK	192	36
>RARA-A255' LTIADQITLLK	15	>RARA-A255' LTITDQITLLK	18	3
>RARA-A255' LTIADQITL	166	>RARA-A255' LTITDQITL	87	79
>RARA-A255' LTIADQITLL	354	>RARA-A255' LTITDQITLL	199	155
>RARA-A255' LTIADQITLLK	142	>RARA-A255' LTITDQITLLK	214	72
>RARA-A255' LTIADQITLLK	16	>RARA-A255' LTITDQITLLK	17	1
>RARA-A255' LTIADQITL	323	>RARA-A255' LTITDQITL	602	279
>RARA-A255' LTIADQITLL	243	>RARA-A255' LTITDQITLL	778	535
>RARA-A255' LTIADQITL	14	>RARA-A255' LTITDQITL	26	12
>RARA-A255' LTIADQITLL	23	>RARA-A255' LTITDQITLL	49	26
>RARA-A255' LTIADQITL	96	>RARA-A255' LTITDQITL	234	138
>RARA-A255' LTIADQITLL	246	>RARA-A255' LTITDQITLL	582	336
>RARA-A255' LTIADQITLL	242	>RARA-A255' LTITDQITLL	301	59
>RARA-A255' LTIADQITLL	117	>RARA-A255' LTITDQITLL	123	6
>RARA-A255' LTIADQITLLK	424	>RARA-A255' LTITDQITLLK	364	60
>RARA-A255' LTIADQITL	310	>RARA-A255' LTITDQITL	342	32
>RARA-A255' LTIADQITLL	288	>RARA-A255' LTITDQITLL	337	49
>RARA-A255' TLTADQI	338	>RARA-A255' TLTITDQI	291	47
>RARA-A255' TLTADQITL	130	>RARA-A255' TLTITDQITL	170	40
>RARA-A255' TLTADQITLL	36	>RARA-A255' TLTITDQITLL	66	30
>RARA-A255' TLTADQITLL	295	>RARA-A255' TLTITDQITLL	332	37
>RARA-A255' TLTADQI	708	>RARA-A255' TLTITDQI	359	349
>RARA-A255' TLTADQITL	518	>RARA-A255' TLTITDQITL	382	136
>RARA-A255' TLTADQITLL	721	>RARA-A255' TLTITDQITLL	465	256
>RARA-A255' TLTADQITL	456	>RARA-A255' TLTITDQITL	302	154
>RARA-A255' TLTADQI	248	>RARA-A255' TLTITDQI	177	71
>RARA-A255' TLTADQITL	89	>RARA-A255' TLTITDQITL	96	7
>RARA-A255' TLTADQITLL	121	>RARA-A255' TLTITDQITLL	108	13
>RARA-A255' TLTADQI	101	>RARA-A255' TLTITDQI	70	31
>RARA-A255' TLTADQITL	14	>RARA-A255' TLTITDQITL	13	1
>RARA-A255' TLTADQITLL	13	>RARA-A255' TLTITDQITLL	12	1
>RARA-A255' TTLTIADQI	138	>RARA-A255' TTLTITDQI	103	35
>RARA-A255' TTLTIADQI	79	>RARA-A255' TTLTITDQI	31	48
>RARA-A255' TTLTIADQITL	81	>RARA-A255' TTLTITDQITL	55	26
>RARA-A255' TTLTIADQI	22	>RARA-A255' TTLTITDQI	11	11
>RARA-A255' TTLTIADQITL	101	>RARA-A255' TTLTITDQITL	74	27
>RARA-A255' TTLTIADQI	38	>RARA-A255' TTLTITDQI	27	11
>RARA-A255' TTLTIADQITL	70	>RARA-A255' TTLTITDQITL	70	0
>RARA-A255' TTLTIADQITL	75	>RARA-A255' TTLTITDQITL	144	69
>RARA-A255' TTLTIADQI	156	>RARA-A255' TTLTITDQI	381	225
>RARA-A255' TTLTIADQITL	148	>RARA-A255' TTLTITDQITL	229	81

>RARA-A255' TTLTIADQI	45	>RARA-A255' TTLTITDQI	31	14
>RARA-A255' FTTLTIADQI	323	>RARA-A255' FTTLTITDQI	290	33
>RARA-A255' FTTLTIADQI	326	>RARA-A255' FTTLTITDQI	206	120
>RARA-A255' FTTLTIADQI	112	>RARA-A255' FTTLTITDQI	144	32
>RARA-A255' FTTLTIADQI	450	>RARA-A255' FTTLTITDQI	473	23
>RARA-A255' FTTLTIADQI	238	>RARA-A255' FTTLTITDQI	457	219
>RARA-A255' FTTLTIADQI	88	>RARA-A255' FTTLTITDQI	135	47
>RARA-A255' FTTLTIADQI	588	>RARA-A255' FTTLTITDQI	353	235
>RARA-A255' GFTTLTIADQI	637	>RARA-A255' GFTTLTITDQI	343	294
>RARA-A255' LPGFTTLTIA	71	>RARA-A255' LPGFTTLTIT	2925	2854
>RARA-K380I KITDLRSI	378	>RARA-K380I NITDLRSI	930	552
>RARA-K380I KITDLRSI	324	>RARA-K380I NITDLRSI	2097	1773
>RARA-K380I KITDLRSISA	442	>RARA-K380I NITDLRSISA	1301	859
>RARA-K380I KITDLRSISA	368	>RARA-K380I NITDLRSISA	2291	1923
>RARA-K380I KITDLRSISAK	92	>RARA-K380I NITDLRSISAK	2310	2218
>RARA-K380I KITDLRSISAK	34	>RARA-K380I NITDLRSISAK	337	303
>RARA-K380I KITDLRSISA	227	>RARA-K380I NITDLRSISA	13230	13003
>RARA-K380I KITDLRSISAK	37	>RARA-K380I NITDLRSISAK	7506	7469
>RARA-K380I KITDLRSISAK	184	>RARA-K380I NITDLRSISAK	4975	4791
>RARA-K380I KITDLRSI	157	>RARA-K380I NITDLRSI	8478	8321
>RARA-K380I KITDLRSISAK	1137	>RARA-K380I NITDLRSISAK	39	1098
>RARA-K380I KITDLRSI	10102	>RARA-K380I NITDLRSI	418	9684
>RARA-K380I MKITDLRSI	31	>RARA-K380I MNITDLRSI	2647	2616
>RARA-K380I MKITDLRSISA	137	>RARA-K380I MNITDLRSISA	8425	8288
>RARA-K380I LMKITDLRSI	310	>RARA-K380I LMNITDLRSI	223	87
>RARA-K380I LMKITDLRSI	44	>RARA-K380I LMNITDLRSI	49	5
>RARA-K380I LMKITDLRSI	737	>RARA-K380I LMNITDLRSI	277	460
>RARA-K380I LMKITDLRSI	776	>RARA-K380I LMNITDLRSI	32	744
>RARA-K380I LMKITDLRSI	1714	>RARA-K380I LMNITDLRSI	180	1534
>RARA-K380I LMKITDLRSI	8176	>RARA-K380I LMNITDLRSI	438	7738
>RARA-K380I LMKITDLRSI	283	>RARA-K380I LMNITDLRSI	64	219
>RARA-K380I LMKITDLR	19	>RARA-K380I LMNITDLR	33	14
>RARA-K380I LMKITDLR	340	>RARA-K380I LMNITDLR	857	517
>RARA-K380I LMKITDLR	135	>RARA-K380I LMNITDLR	94	41
>RARA-K380I LMKITDLRSI	385	>RARA-K380I LMNITDLRSI	783	398
>RARA-K380I LMKITDLRSI	339	>RARA-K380I LMNITDLRSI	478	139
>RARA-K380I LMKITDLR	231	>RARA-K380I LMNITDLR	266	35
>RARA-K380I MLMKITDL	14	>RARA-K380I MLMNITDL	11	3
>RARA-K380I MLMKITDLRS	981	>RARA-K380I MLMNITDLRS	304	677
>RARA-K380I MLMKITDLRS	16	>RARA-K380I MLMNITDLRS	12	4
>RARA-K380I MLMKITDL	3	>RARA-K380I MLMNITDL	3	0
>RARA-K380I MLMKITDLR	53	>RARA-K380I MLMNITDLR	38	15
>RARA-K380I MLMKITDLRS	594	>RARA-K380I MLMNITDLRS	154	440

>RARA-K380I MLMKITDLR!	5	>RARA-K380I MLMNITDLR!	5	0
>RARA-K380I MLMKITDL	6	>RARA-K380I MLMNITDL	4	2
>RARA-K380I MLMKITDLR!	5	>RARA-K380I MLMNITDLR!	3	2
>RARA-K380I MLMKITDL	41	>RARA-K380I MLMNITDL	24	17
>RARA-K380I MLMKITDLR!	36	>RARA-K380I MLMNITDLR!	23	13
>RARA-K380I MLMKITDL	24	>RARA-K380I MLMNITDL	9	15
>RARA-K380I MLMKITDLR!	11	>RARA-K380I MLMNITDLR!	6	5
>RARA-K380I MLMKITDL	24	>RARA-K380I MLMNITDL	9	15
>RARA-K380I MLMKITDLR!	11	>RARA-K380I MLMNITDLR!	6	5
>RARA-K380I MLMKITDL	50	>RARA-K380I MLMNITDL	29	21
>RARA-K380I MLMKITDLR!	219	>RARA-K380I MLMNITDLR!	116	103
>RARA-K380I MLMKITDL	11	>RARA-K380I MLMNITDL	5	6
>RARA-K380I MLMKITDLR!	9	>RARA-K380I MLMNITDLR!	5	4
>RARA-K380I MLMKITDL	4	>RARA-K380I MLMNITDL	3	1
>RARA-K380I MLMKITDLR!	15	>RARA-K380I MLMNITDLR!	8	7
>RARA-K380I MLMKITDLR	157	>RARA-K380I MLMNITDLR	158	1
>RARA-K380I MLMKITDLR	60	>RARA-K380I MLMNITDLR	32	28
>RARA-K380I MLMKITDLR	32	>RARA-K380I MLMNITDLR	24	8
>RARA-K380I MLMKITDL	189	>RARA-K380I MLMNITDL	67	122
>RARA-K380I MLMKITDLR!	51	>RARA-K380I MLMNITDLR!	24	27
>RARA-K380I MLMKITDLR	83	>RARA-K380I MLMNITDLR	65	18
>RARA-K380I MLMKITDLR	4	>RARA-K380I MLMNITDLR	3	1
>RARA-K380I MLMKITDL	313	>RARA-K380I MLMNITDL	193	120
>RARA-K380I MLMKITDLR!	154	>RARA-K380I MLMNITDLR!	112	42
>RARA-K380I MLMKITDL	71	>RARA-K380I MLMNITDL	246	175
>RARA-K380I MLMKITDLR!	167	>RARA-K380I MLMNITDLR!	333	166
>RARA-K380I MLMKITDL	483	>RARA-K380I MLMNITDL	306	177
>RARA-K380I MLMKITDLR	45	>RARA-K380I MLMNITDLR	92	47
>RARA-K380I KMLMKITDL	6912	>RARA-K380I KMLMNITDL	11	6901
>RARA-K380I KMLMKITDL	385	>RARA-K380I KMLMNITDL	843	458
>RARA-K380I KMLMKITDL	55	>RARA-K380I KMLMNITDL	51	4
>RARA-K380I KMLMKITDL	377	>RARA-K380I KMLMNITDL	349	28
>RARA-K380I KMLMKITDL	53	>RARA-K380I KMLMNITDL	69	16
>RARA-K380I KMLMKITDL	142	>RARA-K380I KMLMNITDL	82	60
>RARA-K380I KMLMKITDL	15	>RARA-K380I KMLMNITDL	7	8
>RARA-K380I KMLMKITDLF	922	>RARA-K380I KMLMNITDLI	468	454
>RARA-K380I KMLMKITDL	37	>RARA-K380I KMLMNITDL	12	25
>RARA-K380I KMLMKITDL	17	>RARA-K380I KMLMNITDL	13	4
>RARA-K380I KMLMKITDL	164	>RARA-K380I KMLMNITDL	41	123
>RARA-K380I KMLMKITDL	14	>RARA-K380I KMLMNITDL	8	6
>RARA-K380I KMLMKITDLF	128	>RARA-K380I KMLMNITDLI	153	25
>RARA-K380I KMLMKITDLF	632	>RARA-K380I KMLMNITDLI	307	325
>RARA-K380I KMLMKITDLF	17	>RARA-K380I KMLMNITDLI	16	1

>RARA-K380IKMLMKITDL	118	>RARA-K380IKMLMNITDL	77	41
>RARA-K380IKMLMKITDLF	521	>RARA-K380IKMLMNITDLI	281	240
>RARA-K380IKMLMKITDL	125	>RARA-K380IKMLMNITDL	2926	2801
>RARA-K380IKMLMKITDL	82	>RARA-K380IKMLMNITDL	28	54
>RARA-K380IKMLMKITDLF	190	>RARA-K380IKMLMNITDLI	195	5
>RARA-K380IKMLMKITDLF	20	>RARA-K380IKMLMNITDLI	19	1
>RARA-K380IFPKMLMKITE	136	>RARA-K380IFPKMLMNITI	106	30
>RARA-K380IFPKMLMKI	109	>RARA-K380IFPKMLMNI	116	7
>RARA-K380IFPKMLMKITE	30	>RARA-K380IFPKMLMNITI	50	20
>RARA-K380IFPKMLMKI	373	>RARA-K380IFPKMLMNI	172	201
>RARA-K380IFPKMLMKI	280	>RARA-K380IFPKMLMNI	133	147
>RARA-K380IFPKMLMKI	241	>RARA-K380IFPKMLMNI	158	83
>RARA-K380IFPKMLMKIT	82	>RARA-K380IFPKMLMNIT	20	62
>RARA-K380IFPKMLMKITE	162	>RARA-K380IFPKMLMNITI	101	61
>RARA-K380IMFPKMLMKI	68	>RARA-K380IMFPKMLMNI	47	21
>RARA-K380IMFPKMLMKI	218	>RARA-K380IMFPKMLMNI	251	33
>RARA-K380IMFPKMLMKI	6	>RARA-K380IMFPKMLMNI	6	0
>RARA-K380IMFPKMLMKI	487	>RARA-K380IMFPKMLMNI	794	307
>RARA-K380IMHFPKMLMI	72	>RARA-K380IMHFPKMLMI	36	36
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>RARA-K380IMHFPKMLMI	173	>RARA-K380IMHFPKMLMI	88	85
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>RARA-K380IMHFPKMLMI	38	>RARA-K380IMHFPKMLMI	25	13
>RARA-K380IMHFPKMLMI	29	>RARA-K380IMHFPKMLMI	26	3
>RARA-K380IMHFPKMLMI	10	>RARA-K380IMHFPKMLMI	11	1
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>RARA-K380IMHFPKMLMI	11	>RARA-K380IMHFPKMLMI	14243	14232
>RARA-K380IMHFPKMLMI	17	>RARA-K380IMHFPKMLMI	7597	7580
>RARA-K380IMHFPKMLMI	242	>RARA-K380IMHFPKMLMI	119	123
>RARA-K380IMHFPKMLMI	41	>RARA-K380IMHFPKMLMI	6191	6150
>RARA-K380IMHFPKMLMI	82	>RARA-K380IMHFPKMLMI	72	10
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>RARA-K380IMHFPKMLMI	126	>RARA-K380IMHFPKMLMI	13651	13525
>RARA-K380IMHFPKMLMI	925	>RARA-K380IMHFPKMLMI	456	469
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>RARA-K380IMHFPKMLMI	232	>RARA-K380IMHFPKMLMI	251	19
>RARA-K380IMHFPKMLMI	475	>RARA-K380IMHFPKMLMI	799	324
>RARA-K380IMHFPKMLMI	101	>RARA-K380IMHFPKMLMI	8289	8188
>RB1-C706F- CSMYGICKV	2529	>RB1-C706F- FSMYGICKV	43	2486
>RB1-C706F- CSMYGICKV	1505	>RB1-C706F- FSMYGICKV	39	1466

>RB1-C706F- CSMYGICKV	1193	>RB1-C706F- FSMYGICKV	75	1118
>RB1-C706F- CSMYGICKV	1106	>RB1-C706F- FSMYGICKV	17	1089
>RB1-C706F- CSMYGICKV	5200	>RB1-C706F- FSMYGICKV	107	5093
>RB1-C706F- CSMYGICKV	12389	>RB1-C706F- FSMYGICKV	433	11956
>RB1-C706F- CSMYGICKV	11185	>RB1-C706F- FSMYGICKV	126	11059
>RB1-C706F- CSMYGICKVK	43	>RB1-C706F- FSMYGICKVK	40	3
>RB1-C706F- CSMYGICK	18	>RB1-C706F- FSMYGICK	26	8
>RB1-C706F- CSMYGICKVK	31	>RB1-C706F- FSMYGICKVK	25	6
>RB1-C706F- CSMYGICK	96	>RB1-C706F- FSMYGICK	27	69
>RB1-C706F- CSMYGICKVK	170	>RB1-C706F- FSMYGICKVK	27	143
>RB1-C706F- CSMYGICKV	48	>RB1-C706F- FSMYGICKV	14	34
>RB1-C706F- CSMYGICKV	1593	>RB1-C706F- FSMYGICKV	75	1518
>RB1-C706F- CSMYGICKV	2384	>RB1-C706F- FSMYGICKV	358	2026
>RB1-C706F- CSMYGICKV	895	>RB1-C706F- FSMYGICKV	122	773
>RB1-C706F- CSMYGICKV	460	>RB1-C706F- FSMYGICKV	1355	895
>RB1-C706F- MCSMYGICK'	144	>RB1-C706F- MFSMYGICK'	106	38
>RB1-C706F- MCSMYGICK	2106	>RB1-C706F- MFSMYGICK	114	1992
>RB1-C706F- MCSMYGICK	1044	>RB1-C706F- MFSMYGICK	239	805
>RB1-C706F- MCSMYGICK	6008	>RB1-C706F- MFSMYGICK	160	5848
>RB1-C706F- MCSMYGICK	1835	>RB1-C706F- MFSMYGICK	142	1693
>RB1-C706F- MCSMYGICK'	3003	>RB1-C706F- MFSMYGICK'	362	2641
>RB1-C706F- MCSMYGIC	26498	>RB1-C706F- MFSMYGIC	248	26250
>RB1-C706F- RDRHLDQIM	16840	>RB1-C706F- RDRHLDQIM	121	16719
>RB1-C706F- RDRHLDQIM	4006	>RB1-C706F- RDRHLDQIM	399	3607
>RB1-C706F- RDRHLDQIM	16616	>RB1-C706F- RDRHLDQIM	234	16382
>RB1-C706F- MMCSMYGI	7364	>RB1-C706F- MMFSMYGI	353	7011
>RB1-C706F- MMCSMYGIC	6229	>RB1-C706F- MMFSMYGIC	249	5980
>RB1-C706F- MMCSMYGIC	4656	>RB1-C706F- MMFSMYGIC	175	4481
>RB1-C706F- MMCSMYGI	32	>RB1-C706F- MMFSMYGI	9	23
>RB1-C706F- MMCSMYGIC	41	>RB1-C706F- MMFSMYGIC	10	31
>RB1-C706F- MMCSMYGI	11	>RB1-C706F- MMFSMYGI	4	7
>RB1-C706F- MMCSMYGIC	17	>RB1-C706F- MMFSMYGIC	4	13
>RB1-C706F- MMCSMYGI	9	>RB1-C706F- MMFSMYGI	4	5
>RB1-C706F- MMCSMYGIC	1912	>RB1-C706F- MMFSMYGIC	194	1718
>RB1-C706F- MMCSMYGIC	5	>RB1-C706F- MMFSMYGIC	3	2
>RB1-C706F- MMCSMYGI	69	>RB1-C706F- MMFSMYGI	23	46
>RB1-C706F- MMCSMYGIC	60	>RB1-C706F- MMFSMYGIC	17	43
>RB1-C706F- MMCSMYGI	7	>RB1-C706F- MMFSMYGI	2	5
>RB1-C706F- MMCSMYGIC	1121	>RB1-C706F- MMFSMYGIC	135	986
>RB1-C706F- MMCSMYGIC	3	>RB1-C706F- MMFSMYGIC	2	1
>RB1-C706F- MMCSMYGI	83	>RB1-C706F- MMFSMYGI	10	73
>RB1-C706F- MMCSMYGIC	73	>RB1-C706F- MMFSMYGIC	6	67
>RB1-C706F- MMCSMYGI	215	>RB1-C706F- MMFSMYGI	11	204

>RB1-C706F- MMCSMYGIC	17	>RB1-C706F- MMFSMYGIC	5	12
>RB1-C706F- MMCSMYGI	140	>RB1-C706F- MMFSMYGI	20	120
>RB1-C706F- MMCSMYGIC	21	>RB1-C706F- MMFSMYGIC	6	15
>RB1-C706F- MMCSMYGI	15	>RB1-C706F- MMFSMYGI	5	10
>RB1-C706F- MMCSMYGIC	1488	>RB1-C706F- MMFSMYGIC	164	1324
>RB1-C706F- MMCSMYGIC	2	>RB1-C706F- MMFSMYGIC	2	0
>RB1-C706F- MMCSMYGIC	23	>RB1-C706F- MMFSMYGIC	18	5
>RB1-C706F- MMCSMYGIC	20	>RB1-C706F- MMFSMYGIC	15	5
>RB1-C706F- MMCSMYGI	1861	>RB1-C706F- MMFSMYGI	358	1503
>RB1-C706F- MMCSMYGI	2123	>RB1-C706F- MMFSMYGI	410	1713
>RB1-C706F- MMCSMYGIC	281	>RB1-C706F- MMFSMYGIC	39	242
>RB1-C706F- MMCSMYGIC	39	>RB1-C706F- MMFSMYGIC	50	11
>RB1-C706F- MMCSMYGI	523	>RB1-C706F- MMFSMYGI	37	486
>RB1-C706F- MMCSMYGIC	194	>RB1-C706F- MMFSMYGIC	204	10
>RB1-C706F- MMCSMYGIC	85	>RB1-C706F- MMFSMYGIC	18	67
>RB1-C706F- MMCSMYGI	397	>RB1-C706F- MMFSMYGI	27	370
>RB1-C706F- MMCSMYGIC	1027	>RB1-C706F- MMFSMYGIC	52	975
>RB1-C706F- MMCSMYGI	1874	>RB1-C706F- MMFSMYGI	86	1788
>RB1-C706F- MMCSMYGIC	2034	>RB1-C706F- MMFSMYGIC	87	1947
>RB1-C706F- MMCSMYGI	1212	>RB1-C706F- MMFSMYGI	361	851
>RB1-C706F- MMCSMYGI	495	>RB1-C706F- MMFSMYGI	22	473
>RB1-C706F- MMCSMYGIC	1198	>RB1-C706F- MMFSMYGIC	52	1146
>RB1-C706F- MMCSMYGIC	699	>RB1-C706F- MMFSMYGIC	31	668
>RB1-C706F- MMCSMYGI	2831	>RB1-C706F- MMFSMYGI	342	2489
>RB1-C706F- MMCSMYGI	2855	>RB1-C706F- MMFSMYGI	208	2647
>RB1-C706F- MMCSMYGI	718	>RB1-C706F- MMFSMYGI	239	479
>RB1-C706F- IMMCSMYGI	359	>RB1-C706F- IMMFSMYGI	374	15
>RB1-C706F- IMMCSMYGI	7	>RB1-C706F- IMMFSMYGI	8	1
>RB1-C706F- IMMCSMYG	198	>RB1-C706F- IMMFSMYG	173	25
>RB1-C706F- IMMCSMYGI	3	>RB1-C706F- IMMFSMYGI	3	0
>RB1-C706F- IMMCSMYG	340	>RB1-C706F- IMMFSMYG	412	72
>RB1-C706F- IMMCSMYGI	3	>RB1-C706F- IMMFSMYGI	4	1
>RB1-C706F- IMMCSMYGI	9	>RB1-C706F- IMMFSMYGI	16	7
>RB1-C706F- IMMCSMYG	293	>RB1-C706F- IMMFSMYG	382	89
>RB1-C706F- IMMCSMYGI	4	>RB1-C706F- IMMFSMYGI	5	1
>RB1-C706F- IMMCSMYGI	293	>RB1-C706F- IMMFSMYGI	517	224
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>RB1-C706F- IMMCSMYGI	59	>RB1-C706F- IMMFSMYGI	36	23
>RB1-C706F- IMMCSMYGI	36	>RB1-C706F- IMMFSMYGI	32	4
>RB1-C706F- IMMCSMYGI	8	>RB1-C706F- IMMFSMYGI	7	1

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>RB1-C706F- IMMCSMYGI	159	>RB1-C706F- IMMFSMYGI	110	49
>RB1-C706F- IMMCSMYGI	109	>RB1-C706F- IMMFSMYGI	54	55
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>RB1-C706F- IMMCSMYGI	80	>RB1-C706F- IMMFSMYGI	93	13
>RB1-C706F- IMMCSMYGI	162	>RB1-C706F- IMMFSMYGI	350	188
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>RB1-C706F- IMMCSMYGI	22	>RB1-C706F- IMMFSMYGI	77	55
>RB1-C706F- IMMCSMYGI	92	>RB1-C706F- IMMFSMYGI	217	125
>RB1-C706F- IMMCSMYGI	507	>RB1-C706F- IMMFSMYGI	329	178
>RB1-C706F- QIMMCSMYC	97	>RB1-C706F- QIMMFSMYC	50	47
>RB1-C706F- QIMMCSMYC	44	>RB1-C706F- QIMMFSMYC	34	10
>RB1-C706F- QIMMCSMYC	114	>RB1-C706F- QIMMFSMYC	57	57
>RB1-C706F- QIMMCSMYC	76	>RB1-C706F- QIMMFSMYC	52	24
>RB1-C706F- QIMMCSMYC	1222	>RB1-C706F- QIMMFSMYC	344	878
>RB1-C706F- QIMMCSMYC	372	>RB1-C706F- QIMMFSMYC	576	204
>RB1-C706F- QIMMCSMYC	287	>RB1-C706F- QIMMFSMYC	316	29
>RB1-C706F- QIMMCSMY	318	>RB1-C706F- QIMMFSMY	76	242
>RB1-C706F- QIMMCSMY	690	>RB1-C706F- QIMMFSMY	251	439
>RB1-C706F- QIMMCSMY	85	>RB1-C706F- QIMMFSMY	52	33
>RB1-C706F- QIMMCSMY	76	>RB1-C706F- QIMMFSMY	139	63
>RB1-C706F- QIMMCSMYC	182	>RB1-C706F- QIMMFSMYC	40	142
>RB1-C706F- QIMMCSMY	783	>RB1-C706F- QIMMFSMY	340	443
>RB1-C706F- QIMMCSMYC	367	>RB1-C706F- QIMMFSMYC	89	278
>RB1-C706F- QIMMCSMYC	112	>RB1-C706F- QIMMFSMYC	22	90
>RB1-C706F- QIMMCSMY	564	>RB1-C706F- QIMMFSMY	133	431
>RB1-C706F- QIMMCSMY	125	>RB1-C706F- QIMMFSMY	104	21
>RB1-C706F- QIMMCSMY	538	>RB1-C706F- QIMMFSMY	165	373
>RB1-C706F- QIMMCSMY	265	>RB1-C706F- QIMMFSMY	118	147
>RB1-C706F- DQIMMCSM'	335	>RB1-C706F- DQIMMFSM'	446	111
>RB1-C706F- DQIMMCSM	695	>RB1-C706F- DQIMMFSM	230	465
>RB1-C706F- DQIMMCSM'	703	>RB1-C706F- DQIMMFSM'	112	591
>RB1-C706F- DQIMMCSM	1217	>RB1-C706F- DQIMMFSM	315	902
>RB1-C706F- DQIMMCSM'	1350	>RB1-C706F- DQIMMFSM'	116	1234
>RB1-C706F- DQIMMCSM'	792	>RB1-C706F- DQIMMFSM'	429	363
>RB1-C706F- DQIMMCSM'	353	>RB1-C706F- DQIMMFSM'	377	24
>RB1-C706F- DQIMMCSM	426	>RB1-C706F- DQIMMFSM	690	264
>RB1-C706F- DQIMMCSM'	249	>RB1-C706F- DQIMMFSM'	125	124
>RB1-C706F- DQIMMCSM'	165	>RB1-C706F- DQIMMFSM'	96	69
>RB1-C706F- DQIMMCSM	1451	>RB1-C706F- DQIMMFSM	322	1129
>RB1-C706F- DQIMMCSM'	232	>RB1-C706F- DQIMMFSM'	94	138
>RB1-C706F- LDQIMMCSM	329	>RB1-C706F- LDQIMMFSM	525	196
>RB1-C706F- LDQIMMCSM	561	>RB1-C706F- LDQIMMFSM	198	363



>RB1-C706F- LDQIMMCSM	349	>RB1-C706F- LDQIMMFSM	170	179
>RB1-C706F- HLDQIMMCS	46	>RB1-C706F- HLDQIMMFS	15	31
>RB1-C706F- HLDQIMMCS	1438	>RB1-C706F- HLDQIMMFS	298	1140
>RB1-C706F- HLDQIMMCS	2563	>RB1-C706F- HLDQIMMFS	312	2251
>RB1-C706F- HLDQIMMCS	339	>RB1-C706F- HLDQIMMFS	144	195
>RB1-C706F- HLDQIMMC	149	>RB1-C706F- HLDQIMMF	1782	1633
>RB1-C706F- HLDQIMMCS	240	>RB1-C706F- HLDQIMMFS	116	124
>RB1-C706F- HLDQIMMCS	600	>RB1-C706F- HLDQIMMFS	213	387
>RB1-C706F- HLDQIMMCS	354	>RB1-C706F- HLDQIMMFS	179	175
>RB1-C706F- HLDQIMMC	159	>RB1-C706F- HLDQIMMF	3415	3256
>RB1-C706F- HLDQIMMCS	96	>RB1-C706F- HLDQIMMFS	103	7
>RB1-C706F- HLDQIMMCS	728	>RB1-C706F- HLDQIMMFS	322	406
>RB1-C706F- HLDQIMMCS	317	>RB1-C706F- HLDQIMMFS	206	111
>RB1-C706F- HLDQIMMCS	168	>RB1-C706F- HLDQIMMFS	124	44
>RB1-C706F- HLDQIMMCS	892	>RB1-C706F- HLDQIMMFS	157	735
>RB1-C706F- HLDQIMMCS	61	>RB1-C706F- HLDQIMMFS	18	43
>RB1-C706F- HLDQIMMCS	381	>RB1-C706F- HLDQIMMFS	317	64
>RB1-C706F- HLDQIMMCS	108	>RB1-C706F- HLDQIMMFS	92	16
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>RB1-C706F- RHLDQIMMC	31526	>RB1-C706F- RHLDQIMMF	496	31030
>RB1-C706F- RHLDQIMMC	9656	>RB1-C706F- RHLDQIMMF	17	9639
>RB1-C706F- RHLDQIMMC	9018	>RB1-C706F- RHLDQIMMF	9	9009
>RB1-C706F- RHLDQIMMC	131	>RB1-C706F- RHLDQIMMF	206	75
>RB1-C706F- RHLDQIMMC	636	>RB1-C706F- RHLDQIMMF	267	369
>RB1-C706F- RHLDQIMMC	16746	>RB1-C706F- RHLDQIMMF	85	16661
>RB1-D718N- DLKFKIIV	1594	>RB1-D718N- NLKFKIIV	43	1551
>RB1-D718N- DLKFKIIVTA	951	>RB1-D718N- NLKFKIIVTA	236	715
>RB1-D718N- DLKFKIIV	3374	>RB1-D718N- NLKFKIIV	321	3053
>RB1-D718N- DLKFKIIV	121	>RB1-D718N- NLKFKIIV	34	87
>RB1-D718N- DLKFKIIVTA	1816	>RB1-D718N- NLKFKIIVTA	421	1395
>RB1-D718N- DLKFKIIV	988	>RB1-D718N- NLKFKIIV	296	692
>RB1-D718N- DLKFKIIVTAY	1183	>RB1-D718N- NLKFKIIVTAY	128	1055
>RB1-D718N- DLKFKIIVTAY	1073	>RB1-D718N- NLKFKIIVTAY	300	773
>RB1-D718N- IDLKFII	2565	>RB1-D718N- INLKFII	102	2463
>RB1-D718N- IDLKFIIIV	3762	>RB1-D718N- INLKFIIIV	225	3537
>RB1-D718N- IDLKFII	443	>RB1-D718N- INLKFII	11723	11280
>RB1-D718N- IDLKFII	194	>RB1-D718N- INLKFII	2669	2475
>RB1-D718N- IDLKFII	104	>RB1-D718N- INLKFII	4019	3915
>RB1-D718N- IDLKFIIIV	265	>RB1-D718N- INLKFIIIV	7184	6919
>RB1-D718N- NIDLKFII	877	>RB1-D718N- NINLKFII	120	757
>RB1-D718N- KNIDLKFK	812	>RB1-D718N- KNINLKFK	385	427
>RB1-D718N- VKNIDLKFII	412	>RB1-D718N- VKNINLKFII	260	152
>RB1-D718N- VKNIDLKF	29	>RB1-D718N- VKNINLKF	17	12

>RB1-D718N VKNIDLKFKII	547	>RB1-D718N VKNINLKFKII	390	157
>RB1-D718N KVKNIDLK	165	>RB1-D718N KVKNINLK	60	105
>RB1-D718N KVKNIDLKFK	121	>RB1-D718N KVKNINLKFK	40	81
>RB1-D718N KVKNIDLK	95	>RB1-D718N KVKNINLK	57	38
>RB1-D718N KVKNIDLKFK	181	>RB1-D718N KVKNINLKFK	129	52
>RB1-D718N KVKNIDLK	5	>RB1-D718N KVKNINLK	3	2
>RB1-D718N KVKNIDLKF	899	>RB1-D718N KVKNINLKF	119	780
>RB1-D718N KVKNIDLKFK	4	>RB1-D718N KVKNINLKFK	3	1
>RB1-D718N KVKNIDLKFKI	23	>RB1-D718N KVKNINLKFKI	13	10
>RB1-D718N KVKNIDLK	65	>RB1-D718N KVKNINLK	27	38
>RB1-D718N KVKNIDLKFK	184	>RB1-D718N KVKNINLKFK	77	107
>RB1-D718N KVKNIDLKF	38	>RB1-D718N KVKNINLKF	16	22
>RB1-D718N KVKNIDLKFKI	65	>RB1-D718N KVKNINLKFKI	34	31
>RB1-D718N KVKNIDLKF	1005	>RB1-D718N KVKNINLKF	413	592
>RB1-D718N KVKNIDLKF	144	>RB1-D718N KVKNINLKF	172	28
>RB1-D718N KVKNIDLKF	202	>RB1-D718N KVKNINLKF	65	137
>RB1-D718N CKVKNIDL	350	>RB1-D718N CKVKNINL	164	186
>RB1-D718N CKVKNIDLKF	31	>RB1-D718N CKVKNINLKF	14	17
>RB1-D718N ICKVKNIDLK	260	>RB1-D718N ICKVKNINLK	31	229
>RB1-D718N GICKVKNIDLK	766	>RB1-D718N GICKVKNINLK	247	519
>RB1-D718N GICKVKNIDLK	47	>RB1-D718N GICKVKNINLK	39	8
>RB1-H673P HPELEHIIW	436	>RB1-H673P PPELEHIIW	5929	5493
>RB1-H673P HPELEHIIWTI	138	>RB1-H673P PPELEHIIWTL	4860	4722
>RB1-H673P HPELEHIIWTI	37	>RB1-H673P PPELEHIIWTL	7339	7302
>RB1-H673P HPELEHII	228	>RB1-H673P PPELEHII	709	481
>RB1-H673P HPELEHIIW	45	>RB1-H673P PPELEHIIW	105	60
>RB1-H673P HPELEHIIWTI	149	>RB1-H673P PPELEHIIWTL	418	269
>RB1-H673P HPELEHIIW	23	>RB1-H673P PPELEHIIW	40	17
>RB1-H673P EHPELEHIIW	20521	>RB1-H673P EPPELEHIIW	440	20081
>RB1-H673P EHPELEHIIW	9285	>RB1-H673P EPPELEHIIW	44	9241
>RB1-H673P NTL CERLLSEF	423	>RB1-H673P NTL CERLLSEF	8102	7679
>RB1-H673P SEHPELEHI	29	>RB1-H673P SEPPELEHI	31	2
>RB1-H673P SEHPELEHII	15	>RB1-H673P SEPPELEHII	20	5
>RB1-H673P SEHPELEHII	355	>RB1-H673P SEPPELEHII	489	134
>RB1-H673P SEHPELEHIIM	280	>RB1-H673P SEPPELEHIIM	753	473
>RB1-H673P SEHPELEHIIM	65	>RB1-H673P SEPPELEHIIM	447	382
>RB1-H673P SEHPELEHI	9	>RB1-H673P SEPPELEHI	35	26
>RB1-H673P SEHPELEHII	141	>RB1-H673P SEPPELEHII	192	51
>RB1-H673P LSEHPELEHI	889	>RB1-H673P LSEPPELEHI	287	602
>RB1-H673P LSEHPELEHI	437	>RB1-H673P LSEPPELEHI	514	77
>RB1-H673P LSEHPELEHII	157	>RB1-H673P LSEPPELEHII	64	93
>RB1-H673P LLSEHP EL	29	>RB1-H673P LLSEPPEL	29	0
>RB1-H673P LLSEHP ELEHI	45	>RB1-H673P LLSEPPELEHI	81	36

>RB1-H673P-LLSEHPEL	6	>RB1-H673P-LLSEPPEL	11	5
>RB1-H673P-LLSEHPELEHI	5	>RB1-H673P-LLSEPPELEHI	12	7
>RB1-H673P-LLSEHPEL	17	>RB1-H673P-LLSEPPEL	28	11
>RB1-H673P-LLSEHPELEHI	6	>RB1-H673P-LLSEPPELEHI	13	7
>RB1-H673P-LLSEHPEL	126	>RB1-H673P-LLSEPPEL	296	170
>RB1-H673P-LLSEHPELEHI	46	>RB1-H673P-LLSEPPELEHI	75	29
>RB1-H673P-LLSEHPEL	5	>RB1-H673P-LLSEPPEL	4	1
>RB1-H673P-LLSEHPELEHI	7	>RB1-H673P-LLSEPPELEHI	5	2
>RB1-H673P-LLSEHPEL	30	>RB1-H673P-LLSEPPEL	21	9
>RB1-H673P-LLSEHPELEHI	11	>RB1-H673P-LLSEPPELEHI	14	3
>RB1-H673P-LLSEHPEL	20	>RB1-H673P-LLSEPPEL	13	7
>RB1-H673P-LLSEHPELEHI	37	>RB1-H673P-LLSEPPELEHI	27	10
>RB1-H673P-LLSEHPEL	24	>RB1-H673P-LLSEPPEL	9	15
>RB1-H673P-LLSEHPELEHI	35	>RB1-H673P-LLSEPPELEHI	24	11
>RB1-H673P-LLSEHPEL	3	>RB1-H673P-LLSEPPEL	4	1
>RB1-H673P-LLSEHPELEHI	8	>RB1-H673P-LLSEPPELEHI	9	1
>RB1-H673P-RLLSEHPEL	32	>RB1-H673P-RLLSEPPEL	16	16
>RB1-H673P-RLLSEHPEL	94	>RB1-H673P-RLLSEPPEL	99	5
>RB1-H673P-RLLSEHPEL	838	>RB1-H673P-RLLSEPPEL	251	587
>RB1-H673P-RLLSEHPEL	95	>RB1-H673P-RLLSEPPEL	261	166
>RB1-H673P-RLLSEHPEL	4	>RB1-H673P-RLLSEPPEL	3	1
>RB1-H673P-RLLSEHPEL	68	>RB1-H673P-RLLSEPPEL	20	48
>RB1-H673P-RLLSEHPEL	8	>RB1-H673P-RLLSEPPEL	7	1
>RB1-H673P-RLLSEHPEL	27	>RB1-H673P-RLLSEPPEL	9	18
>RB1-H673P-RLLSEHPEL	7	>RB1-H673P-RLLSEPPEL	11	4
>RB1-H673P-RLLSEHPEL	362	>RB1-H673P-RLLSEPPEL	271	91
>RB1-H673P-RLLSEHPEL	109	>RB1-H673P-RLLSEPPEL	134	25
>RB1-H673P-ERLLSEHPEL	81	>RB1-H673P-ERLLSEPPEL	49	32
>RB1-H673P-ERLLSEHPEL	375	>RB1-H673P-ERLLSEPPEL	438	63
>RB1-H673P-CERLLSEHPEL	423	>RB1-H673P-CERLLSEPPEL	701	278
>RB1-H673P-CERLLSEHPEL	51	>RB1-H673P-CERLLSEPPEL	58	7
>RB1-H673P-CERLLSEHPEL	123	>RB1-H673P-CERLLSEPPEL	63	60
>RB1-H673P-LCERLLSEH	247	>RB1-H673P-LCERLLSEP	9840	9593
>RB1-I126S-vISVHKFFNL	30	>RB1-I126S-rSSVHKFFNL	50	20
>RB1-I126S-vISVHKFFNL	539	>RB1-I126S-rSSVHKFFNL	419	120
>RB1-I126S-vISVHKFFNLLK	80	>RB1-I126S-rSSVHKFFNLLI	126	46
>RB1-I126S-vISVHKFFNLLK	15	>RB1-I126S-rSSVHKFFNLLI	9	6
>RB1-I126S-vISVHKFFNLLK	143	>RB1-I126S-rSSVHKFFNLLI	59	84
>RB1-I126S-vISVHKFFNLLK	456	>RB1-I126S-rSSVHKFFNLLI	435	21
>RB1-I126S-vISVHKFFNLLK	113	>RB1-I126S-rSSVHKFFNLLI	103	10
>RB1-I126S-vISVHKFFNL	708	>RB1-I126S-rSSVHKFFNL	133	575
>RB1-I126S-vISVHKFFNL	368	>RB1-I126S-rSSVHKFFNL	1471	1103
>RB1-I126S-vISVHKFFNLL	363	>RB1-I126S-rSSVHKFFNLL	1371	1008

>RB1-I126S-v ISVHKFFNL	8	>RB1-I126S-r SSVHKFFNL	18	10
>RB1-I126S-v ISVHKFFNLL	60	>RB1-I126S-r SSVHKFFNLL	256	196
>RB1-I126S-v ISVHKFFNLL	64	>RB1-I126S-r SSVHKFFNLL	74	10
>RB1-I126S-v ISVHKFFNL	489	>RB1-I126S-r SSVHKFFNL	146	343
>RB1-I126S-v ISVHKFFNLL	1560	>RB1-I126S-r SSVHKFFNLL	418	1142
>RB1-I126S-v ISVHKFFNLLK	158	>RB1-I126S-r SSVHKFFNLLI	72	86
>RB1-I126S-v EISVHKFF	264	>RB1-I126S-r ESSVHKFF	247	17
>RB1-I126S-v EISVHKFFNL	350	>RB1-I126S-r ESSVHKFFNL	253	97
>RB1-I126S-v EISVHKFFNLL	81	>RB1-I126S-r ESSVHKFFNLI	94	13
>RB1-I126S-v EISVHKFFNL	95	>RB1-I126S-r ESSVHKFFNL	501	406
>RB1-I126S-v EISVHKFFNLL	222	>RB1-I126S-r ESSVHKFFNLI	1033	811
>RB1-I126S-v EISVHKFF	12352	>RB1-I126S-r ESSVHKFF	60	12292
>RB1-I126S-v EISVHKFFNLL	7512	>RB1-I126S-r ESSVHKFFNLI	360	7152
>RB1-I126S-v TLLSYRKTYEI	55	>RB1-I126S-r TLLSYRKTYES	1952	1897
>RB1-I126S-v TLLSYRKTYEI	92	>RB1-I126S-r TLLSYRKTYES	2395	2303
>RB1-I126S-v TLLSYRKTYEI	262	>RB1-I126S-r TLLSYRKTYES	8824	8562
>RB1-I126S-v TLLSYRKTYEI	499	>RB1-I126S-r TLLSYRKTYES	7343	6844
>RB1-I126S-v TLLSYRKTYEI	16	>RB1-I126S-r TLLSYRKTYES	1585	1569
>RB1-I126S-v TLLSYRKTYEI	48	>RB1-I126S-r TLLSYRKTYES	4137	4089
>RB1-I126S-v TLLSYRKTYEI	98	>RB1-I126S-r TLLSYRKTYES	8142	8044
>RB1-I126S-v TLLSYRKTYEI	89	>RB1-I126S-r TLLSYRKTYES	10289	10200
>RB1-I126S-v TLLSYRKTYEI	20	>RB1-I126S-r TLLSYRKTYES	3125	3105
>RB1-I126S-v TLLSYRKTYEI	184	>RB1-I126S-r TLLSYRKTYES	14019	13835
>RB1-I126S-v TLLSYRKTYEI	296	>RB1-I126S-r TLLSYRKTYES	12561	12265
>RB1-I126S-v TLLSYRKTYEI	452	>RB1-I126S-r TLLSYRKTYES	7273	6821
>RB1-I126S-v YEISVHKF	235	>RB1-I126S-r YESSVHKF	317	82
>RB1-I126S-v YEISVHKFF	72	>RB1-I126S-r YESSVHKFF	38	34
>RB1-I126S-v YEISVHKFFNL	331	>RB1-I126S-r YESSVHKFFN	202	129
>RB1-I126S-v YEISVHKFFNL	367	>RB1-I126S-r YESSVHKFFN	1466	1099
>RB1-I126S-v YEISVHKF	184	>RB1-I126S-r YESSVHKF	1919	1735
>RB1-I126S-v YEISVHKFF	452	>RB1-I126S-r YESSVHKFF	968	516
>RB1-I126S-v YEISVHKF	20	>RB1-I126S-r YESSVHKF	30	10
>RB1-I126S-v YEISVHKFF	15	>RB1-I126S-r YESSVHKFF	24	9
>RB1-I126S-v YEISVHKFFNL	396	>RB1-I126S-r YESSVHKFFN	726	330
>RB1-I126S-v YEISVHKF	8	>RB1-I126S-r YESSVHKF	11	3
>RB1-I126S-v YEISVHKFF	9	>RB1-I126S-r YESSVHKFF	12	3
>RB1-I126S-v YEISVHKFFNL	78	>RB1-I126S-r YESSVHKFFN	134	56
>RB1-I126S-v YEISVHKFFNL	377	>RB1-I126S-r YESSVHKFFN	835	458
>RB1-I126S-v YEISVHKF	38	>RB1-I126S-r YESSVHKF	56	18
>RB1-I126S-v YEISVHKFF	43	>RB1-I126S-r YESSVHKFF	70	27
>RB1-I126S-v YEISVHKFFNL	7	>RB1-I126S-r YESSVHKFFN	8	1
>RB1-I126S-v YEISVHKFF	449	>RB1-I126S-r YESSVHKFF	829	380
>RB1-I126S-v YEISVHKFFNL	66	>RB1-I126S-r YESSVHKFFN	109	43

>RB1-I126S-v YEISVHKF	299	>RB1-I126S-r YESSVHKF	389	90
>RB1-I126S-v YEISVHKFF	181	>RB1-I126S-r YESSVHKFF	215	34
>RB1-I126S-v YEISVHKF	50	>RB1-I126S-r YESSVHKF	162	112
>RB1-I126S-v YEISVHKFF	24	>RB1-I126S-r YESSVHKFF	65	41
>RB1-I126S-v YEISVHKFFNL	154	>RB1-I126S-r YESSVHKFFNL	622	468
>RB1-I126S-v YEISVHKFF	460	>RB1-I126S-r YESSVHKFF	212	248
>RB1-I126S-v YEISVHKF	421	>RB1-I126S-r YESSVHKF	3899	3478
>RB1-I126S-v YEISVHKFF	104	>RB1-I126S-r YESSVHKFF	510	406
>RB1-I126S-v YEISVHKFFNL	11	>RB1-I126S-r YESSVHKFFNL	26	15
>RB1-I126S-v TYEISVHKF	26	>RB1-I126S-r TYESSVHKF	18	8
>RB1-I126S-v TYEISVHKFF	109	>RB1-I126S-r TYESSVHKFF	95	14
>RB1-I126S-v TYEISVHKF	130	>RB1-I126S-r TYESSVHKF	98	32
>RB1-I126S-v TYEISVHKFF	115	>RB1-I126S-r TYESSVHKFF	100	15
>RB1-I126S-v TYEISVHKF	11	>RB1-I126S-r TYESSVHKF	7	4
>RB1-I126S-v TYEISVHKFF	13	>RB1-I126S-r TYESSVHKFF	9	4
>RB1-I126S-v TYEISVHKFF	149	>RB1-I126S-r TYESSVHKFF	136	13
>RB1-I126S-v TYEISVHK	404	>RB1-I126S-r TYESSVHK	453	49
>RB1-I126S-v KTYEISVHKFF	366	>RB1-I126S-r KTYESSVHKFI	492	126
>RB1-I126S-v KTYEISVH	151	>RB1-I126S-r KTYESSVH	122	29
>RB1-I126S-v KTYEISVHK	28	>RB1-I126S-r KTYESSVHK	27	1
>RB1-I126S-v KTYEISVHK	15	>RB1-I126S-r KTYESSVHK	13	2
>RB1-I126S-v KTYEISVHKF	476	>RB1-I126S-r KTYESSVHKF	641	165
>RB1-I126S-v KTYEISVHKF	404	>RB1-I126S-r KTYESSVHKF	192	212
>RB1-I126S-v KTYEISVHKFF	360	>RB1-I126S-r KTYESSVHKFI	242	118
>RB1-I126S-v KTYEISVHK	5	>RB1-I126S-r KTYESSVHK	4	1
>RB1-I126S-v KTYEISVHKFF	453	>RB1-I126S-r KTYESSVHKFI	216	237
>RB1-I126S-v KTYEISVHKF	437	>RB1-I126S-r KTYESSVHKF	530	93
>RB1-I126S-v KTYEISVH	350	>RB1-I126S-r KTYESSVH	977	627
>RB1-I126S-v KTYEISVHK	18	>RB1-I126S-r KTYESSVHK	27	9
>RB1-I126S-v KTYEISVHKFF	249	>RB1-I126S-r KTYESSVHKFI	509	260
>RB1-I126S-v KTYEISVH	357	>RB1-I126S-r KTYESSVH	959	602
>RB1-I126S-v KTYEISVHK	126	>RB1-I126S-r KTYESSVHK	745	619
>RB1-I126S-v KTYEISVHKF	5	>RB1-I126S-r KTYESSVHKF	9	4
>RB1-I126S-v KTYEISVHKFF	10	>RB1-I126S-r KTYESSVHKFI	20	10
>RB1-I126S-v KTYEISVHK	33	>RB1-I126S-r KTYESSVHK	93	60
>RB1-I126S-v KTYEISVHKF	479	>RB1-I126S-r KTYESSVHKF	184	295
>RB1-I126S-v KTYEISVHKFF	349	>RB1-I126S-r KTYESSVHKFI	184	165
>RB1-I126S-v KTYEISVHKF	23	>RB1-I126S-r KTYESSVHKF	7	16
>RB1-I126S-v KTYEISVHKFF	16	>RB1-I126S-r KTYESSVHKFI	7	9
>RB1-I126S-v KTYEISVH	41	>RB1-I126S-r KTYESSVH	11	30
>RB1-I126S-v KTYEISVHK	2655	>RB1-I126S-r KTYESSVHK	291	2364
>RB1-I126S-v KTYEISVHKF	2	>RB1-I126S-r KTYESSVHKF	2	0
>RB1-I126S-v KTYEISVHKFF	3	>RB1-I126S-r KTYESSVHKFI	2	1

>RB1-I126S-v KTYEISVHKF	42	>RB1-I126S-r KTYESSVHKF	41	1
>RB1-I126S-v KTYEISVHKFF	45	>RB1-I126S-r KTYESSVHKFI	44	1
>RB1-I126S-v KTYEISVHKF	13	>RB1-I126S-r KTYESSVHKF	12	1
>RB1-I126S-v KTYEISVHKFF	21	>RB1-I126S-r KTYESSVHKFI	18	3
>RB1-I126S-v KTYEISVHKF	130	>RB1-I126S-r KTYESSVHKF	97	33
>RB1-I126S-v KTYEISVHKFF	72	>RB1-I126S-r KTYESSVHKFI	57	15
>RB1-I126S-v KTYEISVHKF	143	>RB1-I126S-r KTYESSVHKF	112	31
>RB1-I126S-v KTYEISVHKFF	13	>RB1-I126S-r KTYESSVHKFI	21	8
>RB1-I126S-v KTYEISVHKF	446	>RB1-I126S-r KTYESSVHKF	443	3
>RB1-I126S-v KTYEISVHK	448	>RB1-I126S-r KTYESSVHK	166	282
>RB1-I126S-v KTYEISVHK	77	>RB1-I126S-r KTYESSVHK	201	124
>RB1-I126S-v RKTYEISV	37	>RB1-I126S-r RKTYESV	19	18
>RB1-I126S-v RKTYEISVH	71	>RB1-I126S-r RKTYESVH	47	24
>RB1-I126S-v RKTYEISVHK	201	>RB1-I126S-r RKTYESVHK	92	109
>RB1-I126S-v RKTYEISVHKF	4	>RB1-I126S-r RKTYESVHKFI	3	1
>RB1-I126S-v YRKTYEISV	1398	>RB1-I126S-r YRKTYESSV	405	993
>RB1-I126S-v YRKTYEISV	127	>RB1-I126S-r YRKTYESSV	46	81
>RB1-I126S-v YRKTYEISVH	278	>RB1-I126S-r YRKTYESSVH	168	110
>RB1-I126S-v YRKTYEISVHK	768	>RB1-I126S-r YRKTYESSVHK	301	467
>RB1-I126S-v YRKTYEISV	368	>RB1-I126S-r YRKTYESSV	597	229
>RB1-I126S-v YRKTYEISVHK	68	>RB1-I126S-r YRKTYESSVHK	99	31
>RB1-I126S-v SYRKTYEI	45	>RB1-I126S-r SYRKTYES	18391	18346
>RB1-I126S-v SYRKTYEISV	419	>RB1-I126S-r SYRKTYESSV	16	403
>RB1-I126S-v SYRKTYEI	146	>RB1-I126S-r SYRKTYES	17306	17160
>RB1-I126S-v SYRKTYEI	173	>RB1-I126S-r SYRKTYES	12934	12761
>RB1-I126S-v SYRKTYEI	9	>RB1-I126S-r SYRKTYES	2017	2008
>RB1-I126S-v SYRKTYEI	13	>RB1-I126S-r SYRKTYES	106	93
>RB1-I126S-v SYRKTYEIS	272	>RB1-I126S-r SYRKTYESS	119	153
>RB1-I126S-v SYRKTYEISV	14	>RB1-I126S-r SYRKTYESSV	20	6
>RB1-I126S-v SYRKTYEISVH	720	>RB1-I126S-r SYRKTYESSVH	404	316
>RB1-I126S-v SYRKTYEISVH	664	>RB1-I126S-r SYRKTYESSVH	487	177
>RB1-I126S-v SYRKTYEI	463	>RB1-I126S-r SYRKTYES	7832	7369
>RB1-I126S-v SYRKTYEISV	272	>RB1-I126S-r SYRKTYESSV	170	102
>RB1-I126S-v LSYRKTYEI	166	>RB1-I126S-r LSYRKTYES	3500	3334
>RB1-I126S-v LSYRKTYEISV	83	>RB1-I126S-r LSYRKTYESSV	83	0
>RB1-I126S-v LSYRKTYEI	137	>RB1-I126S-r LSYRKTYES	27761	27624
>RB1-I126S-v LSYRKTYEISV	301	>RB1-I126S-r LSYRKTYESSV	462	161
>RB1-I126S-v LSYRKTYEI	68	>RB1-I126S-r LSYRKTYES	9906	9838
>RB1-I126S-v LSYRKTYEI	408	>RB1-I126S-r LSYRKTYES	7647	7239
>RB1-I126S-v LSYRKTYEI	480	>RB1-I126S-r LSYRKTYES	8885	8405
>RB1-I126S-v LSYRKTYEISV	261	>RB1-I126S-r LSYRKTYESSV	135	126
>RB1-I126S-v LSYRKTYEI	51	>RB1-I126S-r LSYRKTYES	6531	6480
>RB1-I126S-v LSYRKTYEISV	341	>RB1-I126S-r LSYRKTYESSV	157	184

>RB1-I126S-v LSYRKTYEI	72	>RB1-I126S-r LSYRKTYES	12927	12855
>RB1-I126S-v LSYRKTYEISV	3361	>RB1-I126S-r LSYRKTYESSV	277	3084
>RB1-I126S-v LSYRKTYEI	18	>RB1-I126S-r LSYRKTYES	24520	24502
>RB1-I126S-v LSYRKTYEISV	547	>RB1-I126S-r LSYRKTYESSV	328	219
>RB1-I126S-v LLSYRKTYEI	368	>RB1-I126S-r LLSYRKTYES	11847	11479
>RB1-I126S-v LLSYRKTYEI	52	>RB1-I126S-r LLSYRKTYES	3661	3609
>RB1-I126S-v LLSYRKTYEI	128	>RB1-I126S-r LLSYRKTYES	5498	5370
>RB1-I126S-v LLSYRKTYEI	108	>RB1-I126S-r LLSYRKTYES	8016	7908
>RB1-I126S-v LLSYRKTYEI	65	>RB1-I126S-r LLSYRKTYES	7348	7283
>RB1-I126S-v LLSYRKTYEI	386	>RB1-I126S-r LLSYRKTYES	15865	15479
>RB1-I126S-v LLSYRKTYEI	365	>RB1-I126S-r LLSYRKTYES	17401	17036
>RB1-I126S-v LLSYRKTYEI	19	>RB1-I126S-r LLSYRKTYES	2675	2656
>RB1-I138S-v EIDTSTKV	477	>RB1-I138S-r ESDTSTKV	23199	22722
>RB1-I138S-v EIDTSTKV	23	>RB1-I138S-r ESDTSTKV	94	71
>RB1-I138S-v KEIDTSTKV	283	>RB1-I138S-r KESDTSTKV	1331	1048
>RB1-I138S-v KEIDTSTKV	120	>RB1-I138S-r KESDTSTKV	176	56
>RB1-I138S-v KEIDTSTKV	336	>RB1-I138S-r KESDTSTKV	622	286
>RB1-I138S-v KEIDTSTKV	6	>RB1-I138S-r KESDTSTKV	16	10
>RB1-I138S-v LLKEIDTSTKV	214	>RB1-I138S-r LLKESDTSTKV	454	240
>RB1-I138S-v LLKEIDTST	395	>RB1-I138S-r LLKESDTST	2409	2014
>RB1-I138S-v LLKEIDTSTKV	15	>RB1-I138S-r LLKESDTSTKV	28	13
>RB1-I138S-v LLKEIDTST	64	>RB1-I138S-r LLKESDTST	88	24
>RB1-I138S-v LLKEIDTSTKV	3	>RB1-I138S-r LLKESDTSTKV	4	1
>RB1-I138S-v LLKEIDTSTKV	207	>RB1-I138S-r LLKESDTSTKV	328	121
>RB1-I138S-v LLKEIDTSTKV	14	>RB1-I138S-r LLKESDTSTKV	22	8
>RB1-I138S-v LLKEIDTSTKV	23	>RB1-I138S-r LLKESDTSTKV	25	2
>RB1-I138S-v LLKEIDTSTKV	25	>RB1-I138S-r LLKESDTSTKV	32	7
>RB1-I138S-v LLKEIDTSTKV	92	>RB1-I138S-r LLKESDTSTKV	182	90
>RB1-I138S-v LLKEIDTST	61	>RB1-I138S-r LLKESDTST	64	3
>RB1-I138S-v LLKEIDTSTKV	2	>RB1-I138S-r LLKESDTSTKV	2	0
>RB1-I138S-v LLKEIDTSTK	390	>RB1-I138S-r LLKESDTSTK	194	196
>RB1-I138S-v NLLKEIDTST	462	>RB1-I138S-r NLLKESDTST	555	93
>RB1-I138S-v FFFNLLKEI	405	>RB1-I138S-r FFFNLLKES	14249	13844
>RB1-I138S-v KFFNLLKEI	311	>RB1-I138S-r KFFNLLKES	19382	19071
>RB1-I138S-v KFFNLLKEI	30	>RB1-I138S-r KFFNLLKES	7938	7908
>RB1-I138S-v KFFNLLKEI	66	>RB1-I138S-r KFFNLLKES	10534	10468
>RB1-I138S-v KFFNLLKEI	189	>RB1-I138S-r KFFNLLKES	1054	865
>RB1-I138S-v HKFFNLLKEI	130	>RB1-I138S-r HKFFNLLKES	25746	25616
>RB1-I138S-v HKFFNLLKEI	37	>RB1-I138S-r HKFFNLLKES	1721	1684
>RB1-I388S-v MILNSASDQ	5777	>RB1-I388S-r MSLNSASDQ	387	5390
>RB1-I388S-v VMNTIQQLM	129	>RB1-I388S-r VMNTIQQLM	10423	10294
>RB1-I388S-v VMNTIQQLM	23	>RB1-I388S-r VMNTIQQLM	2364	2341
>RB1-I388S-v VMNTIQQLM	11	>RB1-I388S-r VMNTIQQLM	1054	1043

>RB1-I388S-v VMNTIQQLM	11	>RB1-I388S-r VMNTIQQLM	1394	1383
>RB1-I388S-v VMNTIQQLM	63	>RB1-I388S-r VMNTIQQLM	13288	13225
>RB1-I388S-v VMNTIQQLM	49	>RB1-I388S-r VMNTIQQLM	8685	8636
>RB1-I388S-v VMNTIQQLM	36	>RB1-I388S-r VMNTIQQLM	12987	12951
>RB1-I388S-v VMNTIQQLM	13	>RB1-I388S-r VMNTIQQLM	2561	2548
>RB1-I388S-v MMILNSAS	576	>RB1-I388S-r MMSLNSAS	355	221
>RB1-I388S-v MMILNSAS	345	>RB1-I388S-r MMSLNSAS	484	139
>RB1-I388S-v LMMILNSA	36	>RB1-I388S-r LMMSLNSA	18	18
>RB1-I388S-v LMMILNSA	15	>RB1-I388S-r LMMSLNSA	6	9
>RB1-I388S-v LMMILNSAS	429	>RB1-I388S-r LMMSLNSAS	95	334
>RB1-I388S-v LMMILNSA	8	>RB1-I388S-r LMMSLNSA	4	4
>RB1-I388S-v LMMILNSAS	490	>RB1-I388S-r LMMSLNSAS	131	359
>RB1-I388S-v LMMILNSA	76	>RB1-I388S-r LMMSLNSA	27	49
>RB1-I388S-v LMMILNSA	29	>RB1-I388S-r LMMSLNSA	20	9
>RB1-I388S-v LMMILNSA	65	>RB1-I388S-r LMMSLNSA	24	41
>RB1-I388S-v LMMILNSA	255	>RB1-I388S-r LMMSLNSA	173	82
>RB1-I388S-v LMMILNSA	82	>RB1-I388S-r LMMSLNSA	20	62
>RB1-I388S-v LMMILNSA	16	>RB1-I388S-r LMMSLNSA	10	6
>RB1-I388S-v LMMILNSAS	812	>RB1-I388S-r LMMSLNSAS	459	353
>RB1-I388S-v LMMILNSA	260	>RB1-I388S-r LMMSLNSA	122	138
>RB1-I388S-v LMMILNSAS	671	>RB1-I388S-r LMMSLNSAS	277	394
>RB1-I388S-v LMMILNSA	607	>RB1-I388S-r LMMSLNSA	104	503
>RB1-I388S-v LMMILNSAS	684	>RB1-I388S-r LMMSLNSAS	139	545
>RB1-I388S-v LMMILNSAS	1266	>RB1-I388S-r LMMSLNSAS	331	935
>RB1-I388S-v QLMMILNSA	69	>RB1-I388S-r QLMMSLNSA	139	70
>RB1-I388S-v QLMMILNS	377	>RB1-I388S-r QLMMSLNS	1059	682
>RB1-I388S-v QLMMILNSA	11	>RB1-I388S-r QLMMSLNSA	19	8
>RB1-I388S-v QLMMILNSA	8	>RB1-I388S-r QLMMSLNSA	8	0
>RB1-I388S-v QLMMILNSA	47	>RB1-I388S-r QLMMSLNSA	43	4
>RB1-I388S-v QLMMILNSA	313	>RB1-I388S-r QLMMSLNSA	609	296
>RB1-I388S-v QLMMILNSA	191	>RB1-I388S-r QLMMSLNSA	180	11
>RB1-I388S-v QLMMILNSA	124	>RB1-I388S-r QLMMSLNSA	315	191
>RB1-I388S-v QLMMILNSA	35	>RB1-I388S-r QLMMSLNSA	37	2
>RB1-I388S-v QLMMILNSA	356	>RB1-I388S-r QLMMSLNSA	2376	2020
>RB1-I388S-v QLMMILNSA	423	>RB1-I388S-r QLMMSLNSA	537	114
>RB1-I388S-v QQLMMILNS	437	>RB1-I388S-r QQLMMSLNS	410	27
>RB1-I388S-v QQLMMILNS	143	>RB1-I388S-r QQLMMSLNS	166	23
>RB1-I388S-v QQLMMILNS	680	>RB1-I388S-r QQLMMSLNS	286	394
>RB1-I388S-v IQQLMMIL	634	>RB1-I388S-r IQQLMMSL	144	490
>RB1-I388S-v IQQLMMILNS	145	>RB1-I388S-r IQQLMMSLN	164	19
>RB1-I388S-v IQQLMMIL	2067	>RB1-I388S-r IQQLMMSL	472	1595
>RB1-I388S-v IQQLMMIL	249	>RB1-I388S-r IQQLMMSL	123	126
>RB1-I388S-v TIQQLMMIL	2247	>RB1-I388S-r TIQQLMMSL	479	1768



>RB1-I388S-v NTIQQLMMII	1086	>RB1-I388S-r NTIQQLMMS	362	724
>RB1-I388S-v NTIQQLMMII	1007	>RB1-I388S-r NTIQQLMMS	278	729
>RB1-I388S-v NTIQQLMMII	702	>RB1-I388S-r NTIQQLMMS	211	491
>RB1-I388S-v NTIQQLMMII	1041	>RB1-I388S-r NTIQQLMMS	93	948
>RB1-I388S-v NTIQQLMMI	126	>RB1-I388S-r NTIQQLMMS	1903	1777
>RB1-I388S-v NTIQQLMMII	13	>RB1-I388S-r NTIQQLMMS	11	2
>RB1-I388S-v NTIQQLMMII	408	>RB1-I388S-r NTIQQLMMS	111	297
>RB1-I388S-v NTIQQLMMI	34	>RB1-I388S-r NTIQQLMMS	1839	1805
>RB1-I388S-v NTIQQLMMII	558	>RB1-I388S-r NTIQQLMMS	194	364
>RB1-I388S-v NTIQQLMMI	24	>RB1-I388S-r NTIQQLMMS	6779	6755
>RB1-I388S-v NTIQQLMMII	172	>RB1-I388S-r NTIQQLMMS	35	137
>RB1-I388S-v NTIQQLMMII	228	>RB1-I388S-r NTIQQLMMS	78	150
>RB1-I388S-v NTIQQLMMI	453	>RB1-I388S-r NTIQQLMMS	32580	32127
>RB1-L158S-1 LFALFSKL	452	>RB1-L158S-i SFALFSKL	135	317
>RB1-L158S-1 LFALFSKL	378	>RB1-L158S-i SFALFSKL	465	87
>RB1-L158S-1 LFALFSKLER	1996	>RB1-L158S-i SFALFSKLER	406	1590
>RB1-L158S-1 LFALFSKL	182	>RB1-L158S-i SFALFSKL	246	64
>RB1-L158S-1 LFALFSKLER	17	>RB1-L158S-i SFALFSKLER	14	3
>RB1-L158S-1 LFALFSKLER	42	>RB1-L158S-i SFALFSKLER	40	2
>RB1-L158S-1 LFALFSKLER	43	>RB1-L158S-i SFALFSKLER	34	9
>RB1-L158S-1 LFALFSKLER	559	>RB1-L158S-i SFALFSKLER	110	449
>RB1-L158S-1 LFALFSKLER	82	>RB1-L158S-i SFALFSKLER	44	38
>RB1-L158S-1 LFALFSKL	1596	>RB1-L158S-i SFALFSKL	472	1124
>RB1-L158S-1 VLFALFSKL	117	>RB1-L158S-i VSFALFSKL	26	91
>RB1-L158S-1 VLFALFSKL	31	>RB1-L158S-i VSFALFSKL	8895	8864
>RB1-L158S-1 VLFALFSKL	11	>RB1-L158S-i VSFALFSKL	648	637
>RB1-L158S-1 VLFALFSKL	13	>RB1-L158S-i VSFALFSKL	4178	4165
>RB1-L158S-1 VLFALFSKL	83	>RB1-L158S-i VSFALFSKL	1361	1278
>RB1-L158S-1 VLFALFSK	352	>RB1-L158S-i VSFALFSK	22678	22326
>RB1-L158S-1 VLFALFSKL	4	>RB1-L158S-i VSFALFSKL	5783	5779
>RB1-L158S-1 VLFALFSKL	59	>RB1-L158S-i VSFALFSKL	19832	19773
>RB1-L158S-1 VLFALFSKL	11	>RB1-L158S-i VSFALFSKL	13483	13472
>RB1-L158S-1 VLFALFSKL	135	>RB1-L158S-i VSFALFSKL	23124	22989
>RB1-L158S-1 VLFALFSK	125	>RB1-L158S-i VSFALFSK	34140	34015
>RB1-L158S-1 VLFALFSKL	3	>RB1-L158S-i VSFALFSKL	17130	17127
>RB1-L158S-1 VLFALFSK	27	>RB1-L158S-i VSFALFSK	42	15
>RB1-L158S-1 VLFALFSKLER	71	>RB1-L158S-i VSFALFSKLER	385	314
>RB1-L158S-1 VLFALFSK	9	>RB1-L158S-i VSFALFSK	5	4
>RB1-L158S-1 VLFALFSKLER	104	>RB1-L158S-i VSFALFSKLER	25	79
>RB1-L158S-1 VLFALFSK	523	>RB1-L158S-i VSFALFSK	69	454
>RB1-L158S-1 VLFALFSK	163	>RB1-L158S-i VSFALFSK	63	100
>RB1-L158S-1 VLFALFSKLER	30	>RB1-L158S-i VSFALFSKLER	15	15
>RB1-L158S-1 VLFALFSKLER	305	>RB1-L158S-i VSFALFSKLER	482	177

>RB1-L158S-1VLFALFSK	165	>RB1-L158S-1VSFALFSK	32	133
>RB1-L158S-1VLFALFSKLER	102	>RB1-L158S-1VSFALFSKLER	24	78
>RB1-L158S-1VLFALFSKL	129	>RB1-L158S-1VSFALFSKL	102	27
>RB1-L158S-1VLFALFSKL	4655	>RB1-L158S-1VSFALFSKL	8	4647
>RB1-L158S-1VLFALFSKL	2761	>RB1-L158S-1VSFALFSKL	129	2632
>RB1-L158S-1VLFALFSKL	39	>RB1-L158S-1VSFALFSKL	4	35
>RB1-L158S-1VLFALFSK	2507	>RB1-L158S-1VSFALFSK	129	2378
>RB1-L158S-1VLFALFSKLER	4364	>RB1-L158S-1VSFALFSKLER	182	4182
>RB1-L158S-1VLFALFSKLER	90	>RB1-L158S-1VSFALFSKLER	334	244
>RB1-L158S-1VLFALFSKL	11904	>RB1-L158S-1VSFALFSKL	170	11734
>RB1-L158S-1MSRLLKKYDV	130	>RB1-L158S-1MSRLLKKYDV	578	448
>RB1-L158S-1MSRLLKKYDV	467	>RB1-L158S-1MSRLLKKYDV	10618	10151
>RB1-L158S-1MSRLLKKYDV	45	>RB1-L158S-1MSRLLKKYDV	11207	11162
>RB1-L158S-1MSRLLKKYDV	133	>RB1-L158S-1MSRLLKKYDV	3626	3493
>RB1-L158S-1DVLFALFSK	113	>RB1-L158S-1DVSFALFSK	94	19
>RB1-L158S-1DVLFALFSKL	275	>RB1-L158S-1DVSFALFSKL	963	688
>RB1-L158S-1DVLFALFSK	68	>RB1-L158S-1DVSFALFSK	120	52
>RB1-L158S-1DVLFALFSK	16	>RB1-L158S-1DVSFALFSK	6	10
>RB1-L158S-1DVLFALFSKL	1245	>RB1-L158S-1DVSFALFSKL	245	1000
>RB1-L158S-1DVLFALFSKL	29	>RB1-L158S-1DVSFALFSKL	362	333
>RB1-L158S-1YDVLFALF	350	>RB1-L158S-1YDVSFALF	2481	2131
>RB1-L158S-1YDVLFALF	756	>RB1-L158S-1YDVSFALF	102	654
>RB1-L158S-1YDVLFALFSKI	285	>RB1-L158S-1YDVSFALFSKI	549	264
>RB1-L158S-1YDVLFALFSKI	408	>RB1-L158S-1YDVSFALFSKI	106	302
>RB1-L158S-1YDVLFALFSKI	115	>RB1-L158S-1YDVSFALFSKI	189	74
>RB1-L158S-1YDVLFALFSKI	453	>RB1-L158S-1YDVSFALFSKI	545	92
>RB1-L158S-1KYDVLFAL	384	>RB1-L158S-1KYDVSFAL	312	72
>RB1-L158S-1KYDVLFAL	453	>RB1-L158S-1KYDVSFAL	994	541
>RB1-L158S-1KYDVLFALFSI	242	>RB1-L158S-1KYDVSFALFSI	199	43
>RB1-L158S-1KYDVLFALF	28	>RB1-L158S-1KYDVSFALF	21	7
>RB1-L158S-1KYDVLFALF	31	>RB1-L158S-1KYDVSFALF	42	11
>RB1-L158S-1KYDVLFAL	25	>RB1-L158S-1KYDVSFAL	34	9
>RB1-L158S-1KYDVLFALF	11	>RB1-L158S-1KYDVSFALF	14	3
>RB1-L158S-1KYDVLFALFSI	181	>RB1-L158S-1KYDVSFALFSI	84	97
>RB1-L158S-1KYDVLFALFSI	97	>RB1-L158S-1KYDVSFALFSI	134	37
>RB1-L158S-1KYDVLFALFSI	221	>RB1-L158S-1KYDVSFALFSI	426	205
>RB1-L158S-1KYDVLFAL	242	>RB1-L158S-1KYDVSFAL	581	339
>RB1-L158S-1KYDVLFAL	178	>RB1-L158S-1KYDVSFAL	229	51
>RB1-L158S-1KKYDVLFAL	165	>RB1-L158S-1KKYDVSFAL	197	32
>RB1-L158S-1KKYDVLFA	137	>RB1-L158S-1KKYDVSFA	333	196
>RB1-L158S-1KKYDVLFAL	15	>RB1-L158S-1KKYDVSFAL	41	26
>RB1-L158S-1KKYDVLFAL	45	>RB1-L158S-1KKYDVSFAL	85	40
>RB1-L158S-1KKYDVLFALF	1074	>RB1-L158S-1KKYDVSFALF	387	687

>RB1-L158S-1 KKYDVLFA	332	>RB1-L158S-1 KKYDVSFAL	124	208
>RB1-L158S-1 KKYDVLFA	336	>RB1-L158S-1 KKYDVSFA	148	188
>RB1-L158S-1 KKYDVLFA	16	>RB1-L158S-1 KKYDVSFAL	8	8
>RB1-L158S-1 KKYDVLFAF	3	>RB1-L158S-1 KKYDVSFALF	2	1
>RB1-L158S-1 KKYDVLFA	142	>RB1-L158S-1 KKYDVSFAL	34	108
>RB1-L158S-1 KKYDVLFA	93	>RB1-L158S-1 KKYDVSFAL	68	25
>RB1-L158S-1 KKYDVLFA	475	>RB1-L158S-1 KKYDVSFAL	2113	1638
>RB1-L158S-1 KKYDVLFA	304	>RB1-L158S-1 KKYDVSFAL	557	253
>RB1-L158S-1 LKKYDVL	5	>RB1-L158S-1 LKKYDVSF	3	2
>RB1-L158S-1 LKKYDVLFA	373	>RB1-L158S-1 LKKYDVSFA	181	192
>RB1-L158S-1 LKKYDVLFA	25	>RB1-L158S-1 LKKYDVSFAL	14	11
>RB1-L158S-1 LKKYDVLFAF	5	>RB1-L158S-1 LKKYDVSFALI	3	2
>RB1-L158S-1 LKKYDVLFAF	1057	>RB1-L158S-1 LKKYDVSFALI	480	577
>RB1-L158S-1 LLKKYDVLFAI	127	>RB1-L158S-1 LLKKYDVSFAI	175	48
>RB1-L158S-1 LLKKYDVL	125	>RB1-L158S-1 LLKKYDVS	8312	8187
>RB1-L158S-1 LLKKYDVLFA	236	>RB1-L158S-1 LLKKYDVSFA	240	4
>RB1-L158S-1 LLKKYDVLFAI	16	>RB1-L158S-1 LLKKYDVSFAI	18	2
>RB1-L158S-1 LLKKYDVL	305	>RB1-L158S-1 LLKKYDVS	8756	8451
>RB1-L158S-1 LLKKYDVLFA	108	>RB1-L158S-1 LLKKYDVSFA	88	20
>RB1-L158S-1 LLKKYDVLFAI	46	>RB1-L158S-1 LLKKYDVSFAI	58	12
>RB1-L158S-1 LLKKYDVLFAI	149	>RB1-L158S-1 LLKKYDVSFAI	245	96
>RB1-L158S-1 LLKKYDVLFAI	81	>RB1-L158S-1 LLKKYDVSFAI	97	16
>RB1-L158S-1 LLKKYDVLFAI	58	>RB1-L158S-1 LLKKYDVSFAI	52	6
>RB1-L158S-1 LLKKYDVL	43	>RB1-L158S-1 LLKKYDVS	11481	11438
>RB1-L158S-1 LLKKYDVLFA	54	>RB1-L158S-1 LLKKYDVSFA	37	17
>RB1-L158S-1 LLKKYDVLFAI	8	>RB1-L158S-1 LLKKYDVSFAI	8	0
>RB1-L158S-1 LLKKYDVLFA	404	>RB1-L158S-1 LLKKYDVSFA	748	344
>RB1-L158S-1 LLKKYDVL	78	>RB1-L158S-1 LLKKYDVS	4582	4504
>RB1-L158S-1 LLKKYDVL	904	>RB1-L158S-1 LLKKYDVSF	77	827
>RB1-L158S-1 LLKKYDVLFAI	125	>RB1-L158S-1 LLKKYDVSFAI	74	51
>RB1-L158S-1 LLKKYDVL	450	>RB1-L158S-1 LLKKYDVS	7603	7153
>RB1-L158S-1 LLKKYDVL	66	>RB1-L158S-1 LLKKYDVSF	26	40
>RB1-L158S-1 LLKKYDVLFAI	280	>RB1-L158S-1 LLKKYDVSFAI	109	171
>RB1-L158S-1 LLKKYDVL	1121	>RB1-L158S-1 LLKKYDVSF	425	696
>RB1-L158S-1 LLKKYDVL	47	>RB1-L158S-1 LLKKYDVSF	14	33
>RB1-L158S-1 LLKKYDVLFAI	762	>RB1-L158S-1 LLKKYDVSFAI	391	371
>RB1-L158S-1 RLLKKYDVLFA/	143	>RB1-L158S-1 RLLKKYDVSFA/	257	114
>RB1-L158S-1 RLLKKYDVL	346	>RB1-L158S-1 RLLKKYDVS	15148	14802
>RB1-L158S-1 RLLKKYDVLFA/	436	>RB1-L158S-1 RLLKKYDVSFA/	269	167
>RB1-L158S-1 RLLKKYDVLFA/	171	>RB1-L158S-1 RLLKKYDVSFA/	59	112
>RB1-L158S-1 RLLKKYDVLFA/	167	>RB1-L158S-1 RLLKKYDVSFA/	183	16
>RB1-L158S-1 RLLKKYDVL	27	>RB1-L158S-1 RLLKKYDVS	4888	4861
>RB1-L158S-1 RLLKKYDVLFA/	21	>RB1-L158S-1 RLLKKYDVSFA/	19	2

>RB1-L158S-l RLLKKYDVL	48	>RB1-L158S-l RLLKKYDVS	13128	13080
>RB1-L158S-l RLLKKYDVLF/	102	>RB1-L158S-l RLLKKYDVSF/	70	32
>RB1-L158S-l RLLKKYDVL	54	>RB1-L158S-l RLLKKYDVS	11668	11614
>RB1-L158S-l RLLKKYDVLF/	28	>RB1-L158S-l RLLKKYDVSF/	30	2
>RB1-L158S-l RLLKKYDVLF/	423	>RB1-L158S-l RLLKKYDVSF/	288	135
>RB1-L158S-l RLLKKYDVL	95	>RB1-L158S-l RLLKKYDVS	16490	16395
>RB1-L158S-l RLLKKYDVLF/	112	>RB1-L158S-l RLLKKYDVSF/	87	25
>RB1-L158S-l RLLKKYDVLF	391	>RB1-L158S-l RLLKKYDVSF	1288	897
>RB1-L158S-l RLLKKYDVLF	123	>RB1-L158S-l RLLKKYDVSF	79	44
>RB1-L158S-l RLLKKYDVLF/	213	>RB1-L158S-l RLLKKYDVSF/	396	183
>RB1-L158S-l RLLKKYDVLF	70	>RB1-L158S-l RLLKKYDVSF	20	50
>RB1-L158S-l RLLKKYDVL	115	>RB1-L158S-l RLLKKYDVS	6491	6376
>RB1-L158S-l RLLKKYDVLF	569	>RB1-L158S-l RLLKKYDVSF	109	460
>RB1-L158S-l RLLKKYDVLF	42	>RB1-L158S-l RLLKKYDVSF	13	29
>RB1-L158S-l RLLKKYDVLF	538	>RB1-L158S-l RLLKKYDVSF	188	350
>RB1-L158S-l S RLLKKYDVLF	377	>RB1-L158S-l S RLLKKYDVSF	110	267
>RB1-L158S-l S RLLKKYDVL	115	>RB1-L158S-l S RLLKKYDVS	6513	6398
>RB1-L158S-l S RLLKKYDVLF	205	>RB1-L158S-l S RLLKKYDVSF	211	6
>RB1-L158S-l S RLLKKYDVLF	199	>RB1-L158S-l S RLLKKYDVSF	786	587
>RB1-L607I-v LSPVRSPKK	1063	>RB1-L607I-r ISPVRSPKK	395	668
>RB1-L607I-v LSPVRSPK	389	>RB1-L607I-r ISPVRSPK	196	193
>RB1-L607I-v LSPVRSPKKK	593	>RB1-L607I-r ISPVRSPKKK	468	125
>RB1-L607I-v LSPVRSPK	430	>RB1-L607I-r ISPVRSPK	418	12
>RB1-L607I-v LSPVRSPKK	404	>RB1-L607I-r ISPVRSPKK	395	9
>RB1-L607I-v YLSPVRSPK	85	>RB1-L607I-r YISPVRSPK	5541	5456
>RB1-L607I-v YLSPVRSPKK	66	>RB1-L607I-r YISPVRSPKK	5266	5200
>RB1-L607I-v YLSPVRSPKKI	478	>RB1-L607I-r YISPVRSPKKK	11775	11297
>RB1-L607I-v YLSPVRSPK	47	>RB1-L607I-r YISPVRSPK	79	32
>RB1-L607I-v YLSPVRSPKK	49	>RB1-L607I-r YISPVRSPKK	69	20
>RB1-L607I-v YLSPVRSPKKI	102	>RB1-L607I-r YISPVRSPKKK	230	128
>RB1-L607I-v YLSPVRSPK	29	>RB1-L607I-r YISPVRSPK	17	12
>RB1-L607I-v YLSPVRSPKK	104	>RB1-L607I-r YISPVRSPKK	57	47
>RB1-L607I-v YLSPVRSPKKI	349	>RB1-L607I-r YISPVRSPKKK	128	221
>RB1-L607I-v YLSPVRSPK	633	>RB1-L607I-r YISPVRSPK	206	427
>RB1-L607I-v YLSPVRSPKK	1120	>RB1-L607I-r YISPVRSPKK	398	722
>RB1-L607I-v YLSPVRSPK	474	>RB1-L607I-r YISPVRSPK	495	21
>RB1-L607I-v YLSPVRSPK	47	>RB1-L607I-r YISPVRSPK	14	33
>RB1-L607I-v YLSPVRSPKK	111	>RB1-L607I-r YISPVRSPKK	19	92
>RB1-L607I-v YLSPVRSPKKI	348	>RB1-L607I-r YISPVRSPKKK	96	252
>RB1-L607I-v YLSPVRSPKK	296	>RB1-L607I-r YISPVRSPKK	885	589
>RB1-L607I-v MYLSPVRSPK	12	>RB1-L607I-r MYISPVRSPK	28	16
>RB1-L607I-v MYLSPVRSPK	19	>RB1-L607I-r MYISPVRSPK	47	28
>RB1-L607I-v MYLSPVRSPK	89	>RB1-L607I-r MYISPVRSPK	84	5

>RB1-L607I-v MYLSPVRSPK	270	>RB1-L607I-r MYISPVRSKP	434	164
>RB1-L607I-v MYLSPVRSPK	431	>RB1-L607I-r MYISPVRSKP	358	73
>RB1-L607I-v MYLSPVRSPK	675	>RB1-L607I-r MYISPVRSKP	128	547
>RB1-L607I-v MYLSPVRSPK	1813	>RB1-L607I-r MYISPVRSKP	421	1392
>RB1-L607I-v MYLSPVRSPK	233	>RB1-L607I-r MYISPVRSKP	567	334
>RB1-L607I-v MYLSPVRSPK	483	>RB1-L607I-r MYISPVRSKP	1264	781
>RB1-L607I-v MYLSPVRSP	274	>RB1-L607I-r MYISPVRSKP	553	279
>RB1-L607I-v DMYLSPVRSF	96	>RB1-L607I-r DMYISPVRSF	99	3
>RB1-L607I-v DMYLSPVRSF	155	>RB1-L607I-r DMYISPVRSF	209	54
>RB1-L607I-v DMYLSPVR	590	>RB1-L607I-r DMYISPVRSF	370	220
>RB1-L607I-v DMYLSPVR	42	>RB1-L607I-r DMYISPVRSF	58	16
>RB1-L607I-v DMYLSPVRSF	75	>RB1-L607I-r DMYISPVRSF	120	45
>RB1-L607I-v DMYLSPVR	75	>RB1-L607I-r DMYISPVRSF	63	12
>RB1-L607I-v DMYLSPVRSF	74	>RB1-L607I-r DMYISPVRSF	77	3
>RB1-L607I-v DMYLSPVR	221	>RB1-L607I-r DMYISPVRSF	227	6
>RB1-L607I-v ADMYLSPV	76	>RB1-L607I-r DMYISPVRSF	110	34
>RB1-L607I-v ADMYLSPV	79	>RB1-L607I-r ADMYISPV	50	29
>RB1-L607I-v ADMYLSPV	343	>RB1-L607I-r ADMYISPV	395	52
>RB1-L607I-v AADMYLSPV	178	>RB1-L607I-r ADMYISPV	189	11
>RB1-L607I-v AADMYLSPV	448	>RB1-L607I-r AADMYISPV	536	88
>RB1-L607I-v AADMYLSPV	144	>RB1-L607I-r AADMYISPV	168	24
>RB1-L607I-v AADMYLSPV	18	>RB1-L607I-r AADMYISPV	26	8
>RB1-L607I-v AADMYLSPV	55	>RB1-L607I-r AADMYISPV	24	31
>RB1-L607I-v AADMYLSPV	151	>RB1-L607I-r AADMYISPV	79	72
>RB1-L607I-v AADMYLSPVI	493	>RB1-L607I-r AADMYISPVF	386	107
>RB1-L607I-v AADMYLSPVI	1063	>RB1-L607I-r AADMYISPVF	226	837
>RB1-L607I-v AADMYLSPV	353	>RB1-L607I-r AADMYISPV	409	56
>RB1-L607I-v TAADMYLSP\	239	>RB1-L607I-r TAADMYISPV	320	81
>RB1-L607I-v TAADMYLSP\	90	>RB1-L607I-r TAADMYISPV	113	23
>RB1-L607I-v TAADMYLSP\	43	>RB1-L607I-r TAADMYISPV	54	11
>RB1-L607I-v TAADMYLSP\	67	>RB1-L607I-r TAADMYISPV	87	20
>RB1-L607I-v TAADMYLSP\	563	>RB1-L607I-r TAADMYISPV	276	287
>RB1-L607I-v TAADMYLSP\	41	>RB1-L607I-r TAADMYISPV	27	14
>RB1-L607I-v TAADMYLSP\	351	>RB1-L607I-r TAADMYISPV	237	114
>RB1-L607I-v TAADMYLSP\	8	>RB1-L607I-r TAADMYISPV	6	2
>RB1-L607I-v TAADMYLS	255	>RB1-L607I-r TAADMYIS	832	577
>RB1-L607I-v TAADMYLSP\	19	>RB1-L607I-r TAADMYISPV	19	0
>RB1-L607I-v TAADMYLSP\	13	>RB1-L607I-r TAADMYISPV	12	1
>RB1-L607I-v HTAADMYLSI	116	>RB1-L607I-r HTAADMYISF	160	44
>RB1-L607I-v HTAADMYL	28	>RB1-L607I-r HTAADMYI	75	47
>RB1-L607I-v HTAADMYLSI	14	>RB1-L607I-r HTAADMYISF	18	4
>RB1-L607I-v HTAADMYLSI	14	>RB1-L607I-r HTAADMYISF	16	2
>RB1-L607I-v HTAADMYL	410	>RB1-L607I-r HTAADMYI	351	59

>RB1-L607I-v HTAADMYLSI	27	>RB1-L607I-r HTAADMYISF	37	10
>RB1-L607I-v HTAADMYLSI	258	>RB1-L607I-r HTAADMYISF	186	72
>RB1-L607I-v HTAADMYLSI	332	>RB1-L607I-r HTAADMYISF	346	14
>RB1-L607I-v HTAADMYLSI	258	>RB1-L607I-r HTAADMYISF	207	51
>RB1-L607I-v HTAADMYL	129	>RB1-L607I-r HTAADMYI	615	486
>RB1-L607I-v HTAADMYLSI	79	>RB1-L607I-r HTAADMYISF	101	22
>RB1-L607I-v HTAADMYL	7	>RB1-L607I-r HTAADMYI	6	1
>RB1-L607I-v HTAADMYLS	20	>RB1-L607I-r HTAADMYIS	74	54
>RB1-L607I-v HTAADMYLSI	5	>RB1-L607I-r HTAADMYISF	5	0
>RB1-L607I-v HTAADMYL	57	>RB1-L607I-r HTAADMYI	34	23
>RB1-L607I-v HTAADMYLSI	6	>RB1-L607I-r HTAADMYISF	7	1
>RB1-L607I-v HTAADMYL	23	>RB1-L607I-r HTAADMYI	113	90
>RB1-L607I-v HTAADMYLSI	161	>RB1-L607I-r HTAADMYISF	155	6
>RB1-L607I-v HTAADMYL	298	>RB1-L607I-r HTAADMYI	130	168
>RB1-L607I-v HTAADMYL	1008	>RB1-L607I-r HTAADMYI	56	952
>RB1-L607I-v NHTAADMYL	393	>RB1-L607I-r NHTAADMYI	3834	3441
>RB1-L607I-v NNHTAADM\	183	>RB1-L607I-r NNHTAADM\	370	187
>RB1-L688P- LQNEYELM	164	>RB1-L688P- PQNEYELM	7761	7597
>RB1-L688P- LQNEYELMR	301	>RB1-L688P- PQNEYELMR	5429	5128
>RB1-L688P- LQNEYELM	168	>RB1-L688P- PQNEYELM	8125	7957
>RB1-L688P- LQNEYELM	83	>RB1-L688P- PQNEYELM	1607	1524
>RB1-L688P- TLQNEYEL	31666	>RB1-L688P- TPQNEYEL	131	31535
>RB1-L688P- TLQNEYEL	133	>RB1-L688P- TPQNEYEL	23746	23613
>RB1-L688P- TLQNEYEL	31	>RB1-L688P- TPQNEYEL	29733	29702
>RB1-L688P- TLQNEYELM	419	>RB1-L688P- TPQNEYELM	35359	34940
>RB1-L688P- TLQNEYEL	70	>RB1-L688P- TPQNEYEL	25319	25249
>RB1-L688P- TLQNEYEL	24	>RB1-L688P- TPQNEYEL	22058	22034
>RB1-L688P- TLQNEYEL	334	>RB1-L688P- TPQNEYEL	24925	24591
>RB1-L688P- TLQNEYEL	303	>RB1-L688P- TPQNEYEL	23217	22914
>RB1-L688P- TLQNEYEL	9	>RB1-L688P- TPQNEYEL	31580	31571
>RB1-L688P- TLQNEYEL	28222	>RB1-L688P- TPQNEYEL	444	27778
>RB1-L688P- TLQNEYELM	24866	>RB1-L688P- TPQNEYELM	194	24672
>RB1-L688P- HIIWTLFQHT	176	>RB1-L688P- HIIWTLFQHT	21311	21135
>RB1-L688P- HIIWTLFQHT	114	>RB1-L688P- HIIWTLFQHT	8442	8328
>RB1-L688P- HIIWTLFQHT	280	>RB1-L688P- HIIWTLFQHT	14715	14435
>RB1-L688P- HIIWTLFQHT	82	>RB1-L688P- HIIWTLFQHT	7104	7022
>RB1-L688P- HIIWTLFQHT	47	>RB1-L688P- HIIWTLFQHT	11862	11815
>RB1-L688P- HIIWTLFQHT	123	>RB1-L688P- HIIWTLFQHT	14713	14590
>RB1-L688P- HIIWTLFQHT	371	>RB1-L688P- HIIWTLFQHT	19441	19070
>RB1-L688P- HIIWTLFQHT	10	>RB1-L688P- HIIWTLFQHT	17172	17162
>RB1-L688P- HIIWTLFQHT	196	>RB1-L688P- HIIWTLFQHT	13390	13194
>RB1-L688P- HIIWTLFQHT	103	>RB1-L688P- HIIWTLFQHT	5079	4976
>RB1-L688P- HIIWTLFQHT	148	>RB1-L688P- HIIWTLFQHT	10999	10851

>RB1-L688P-·HIIWTLFQHT	23	>RB1-L688P-·HIIWTLFQHT	6509	6486
>RB1-L688P-·HIIWTLFQHT	52	>RB1-L688P-·HIIWTLFQHT	17106	17054
>RB1-L688P-·HTLQNEYEL	59	>RB1-L688P-·HTPQNEYEL	345	286
>RB1-L688P-·HTLQNEYEL	499	>RB1-L688P-·HTPQNEYEL	6407	5908
>RB1-L688P-·HTLQNEYELM	225	>RB1-L688P-·HTPQNEYELM	325	100
>RB1-L688P-·HTLQNEYELM	371	>RB1-L688P-·HTPQNEYELM	339	32
>RB1-L688P-·HTLQNEYELM	165	>RB1-L688P-·HTPQNEYELM	1876	1711
>RB1-L688P-·HTLQNEYEL	199	>RB1-L688P-·HTPQNEYEL	742	543
>RB1-L688P-·HTLQNEYELM	125	>RB1-L688P-·HTPQNEYELM	869	744
>RB1-L688P-·HTLQNEYELM	17	>RB1-L688P-·HTPQNEYELM	22	5
>RB1-L688P-·HTLQNEYEL	392	>RB1-L688P-·HTPQNEYEL	69	323
>RB1-L688P-·HTLQNEYEL	287	>RB1-L688P-·HTPQNEYEL	6941	6654
>RB1-L688P-·HTLQNEYELM	325	>RB1-L688P-·HTPQNEYELM	7051	6726
>RB1-L688P-·HTLQNEYEL	16	>RB1-L688P-·HTPQNEYEL	1040	1024
>RB1-L688P-·HTLQNEYELM	47	>RB1-L688P-·HTPQNEYELM	2207	2160
>RB1-L688P-·HTLQNEYEL	15802	>RB1-L688P-·HTPQNEYEL	73	15729
>RB1-L688P-·HTLQNEYELM	5252	>RB1-L688P-·HTPQNEYELM	13	5239
>RB1-L688P-·HTLQNEYELM	186	>RB1-L688P-·HTPQNEYELM	196	10
>RB1-L688P-·HTLQNEYELM	61	>RB1-L688P-·HTPQNEYELM	98	37
>RB1-L688P-·FQHTLQNEYE	183	>RB1-L688P-·FQHTPQNEYI	422	239
>RB1-L688P-·FQHTLQNEYE	90	>RB1-L688P-·FQHTPQNEYI	189	99
>RB1-L688P-·FQHTLQNEYE	18	>RB1-L688P-·FQHTPQNEYI	71	53
>RB1-L688P-·FQHTLQNEYE	35	>RB1-L688P-·FQHTPQNEYI	51	16
>RB1-L688P-·FQHTLQNEYE	342	>RB1-L688P-·FQHTPQNEYI	214	128
>RB1-L688P-·FQHTLQNEYE	344	>RB1-L688P-·FQHTPQNEYI	394	50
>RB1-L688P-·FQHTLQNEY	256	>RB1-L688P-·FQHTPQNEY	525	269
>RB1-L688P-·FQHTLQNEY	184	>RB1-L688P-·FQHTPQNEY	333	149
>RB1-L688P-·FQHTLQNEY	77	>RB1-L688P-·FQHTPQNEY	89	12
>RB1-L688P-·FQHTLQNEY	173	>RB1-L688P-·FQHTPQNEY	37	136
>RB1-L688P-·FQHTLQNEY	6	>RB1-L688P-·FQHTPQNEY	4	2
>RB1-L688P-·FQHTLQNEYE	30	>RB1-L688P-·FQHTPQNEYI	18	12
>RB1-L688P-·FQHTLQNEYE	25	>RB1-L688P-·FQHTPQNEYI	36	11
>RB1-L688P-·FQHTLQNEYE	309	>RB1-L688P-·FQHTPQNEYI	232	77
>RB1-L688P-·LFQHTLQNEY	421	>RB1-L688P-·LFQHTPQNEY	245	176
>RB1-L688P-·LFQHTLQNEY	173	>RB1-L688P-·LFQHTPQNEY	241	68
>RB1-L688P-·LFQHTLQNEY	1078	>RB1-L688P-·LFQHTPQNEY	483	595
>RB1-L688P-·TLFQHTLQ	153	>RB1-L688P-·TLFQHTPQ	170	17
>RB1-L688P-·TLFQHTLQNE	222	>RB1-L688P-·TLFQHTPQNE	221	1
>RB1-L688P-·TLFQHTLQNE	19	>RB1-L688P-·TLFQHTPQNE	30	11
>RB1-L688P-·TLFQHTLQNE	140	>RB1-L688P-·TLFQHTPQNE	97	43
>RB1-L688P-·TLFQHTLQNE	45	>RB1-L688P-·TLFQHTPQNE	318	273
>RB1-L688P-·TLFQHTLQNE	83	>RB1-L688P-·TLFQHTPQNE	96	13
>RB1-L688P-·TLFQHTLQNE	64	>RB1-L688P-·TLFQHTPQNE	46	18

>RB1-L688P-TLFQHTLQNE	112	>RB1-L688P-TLFQHTPQNE	91	21
>RB1-L688P-TLFQHTLQNE	253	>RB1-L688P-TLFQHTPQNE	278	25
>RB1-L688P-TLFQHTLQNE	421	>RB1-L688P-TLFQHTPQNE	560	139
>RB1-L688P-WTLFQHTL	338	>RB1-L688P-WTLFQHTP	18362	18024
>RB1-L688P-WTLFQHTL	227	>RB1-L688P-WTLFQHTP	17720	17493
>RB1-L688P-WTLFQHTL	217	>RB1-L688P-WTLFQHTP	14451	14234
>RB1-L688P-WTLFQHTL	33	>RB1-L688P-WTLFQHTP	7663	7630
>RB1-L688P-WTLFQHTL	16	>RB1-L688P-WTLFQHTP	11873	11857
>RB1-L688P-WTLFQHTLQ	78	>RB1-L688P-WTLFQHTPQ	928	850
>RB1-L688P-IWTLFQHTL	91	>RB1-L688P-IWTLFQHTP	4096	4005
>RB1-L688P-IWTLFQHTL	315	>RB1-L688P-IWTLFQHTP	11166	10851
>RB1-L688P-IWTLFQHTL	452	>RB1-L688P-IWTLFQHTP	15973	15521
>RB1-L688P-IWTLFQHTLC	490	>RB1-L688P-IWTLFQHTPC	276	214
>RB1-L688P-IWTLFQHTL	78	>RB1-L688P-IWTLFQHTP	235	157
>RB1-L688P-IIWTLFQHTL	175	>RB1-L688P-IIWTLFQHTP	14418	14243
>RB1-L688P-IIWTLFQHTL	22	>RB1-L688P-IIWTLFQHTP	9033	9011
>RB1-L688P-IIWTLFQHTL	215	>RB1-L688P-IIWTLFQHTP	17397	17182
>RB1-L688P-IIWTLFQHTL	69	>RB1-L688P-IIWTLFQHTP	17605	17536
>RB1-L688P-IIWTLFQHTL	69	>RB1-L688P-IIWTLFQHTP	19849	19780
>RB1-L688P-IIWTLFQHTL	15	>RB1-L688P-IIWTLFQHTP	15763	15748
>RB1-L688P-IIWTLFQHTL	100	>RB1-L688P-IIWTLFQHTP	4816	4716
>RB1-L688P-IIWTLFQHTL	446	>RB1-L688P-IIWTLFQHTP	6452	6006
>RB1-L688P-IIWTLFQHTLC	864	>RB1-L688P-IIWTLFQHTPC	380	484
>RB1-M208V MEDDLVISFC	292	>RB1-M208V VEDDLVISFQI	691	399
>RB1-M208V MEDDLVISF	8	>RB1-M208V VEDDLVISF	23	15
>RB1-M208V MEDDLVISFC	140	>RB1-M208V VEDDLVISFQI	716	576
>RB1-M208V MEDDLVISFC	91	>RB1-M208V VEDDLVISFQI	1235	1144
>RB1-M208V MEDDLVISF	67	>RB1-M208V VEDDLVISF	159	92
>RB1-M208V MEDDLVISFC	14	>RB1-M208V VEDDLVISFQI	31	17
>RB1-M208V MEDDLVISF	279	>RB1-M208V VEDDLVISF	495	216
>RB1-M208V MEDDLVISFC	147	>RB1-M208V VEDDLVISFQI	334	187
>RB1-M208V MEDDLVISF	251	>RB1-M208V VEDDLVISF	667	416
>RB1-M208V MEDDLVISF	49	>RB1-M208V VEDDLVISF	191	142
>RB1-M208V MEDDLVISFC	267	>RB1-M208V VEDDLVISFQI	1209	942
>RB1-M208V MEDDLVISF	54	>RB1-M208V VEDDLVISF	112	58
>RB1-M208V MEDDLVISFC	18	>RB1-M208V VEDDLVISFQI	29	11
>RB1-M208V QMEDDLVI	237	>RB1-M208V QVEDDLVI	11645	11408
>RB1-M208V QMEDDLVI	202	>RB1-M208V QVEDDLVI	7208	7006
>RB1-M208V QMEDDLVISF	350	>RB1-M208V QVEDDLVISF	567	217
>RB1-M208V QMEDDLVISF	394	>RB1-M208V QVEDDLVISF	4125	3731
>RB1-M208V QMEDDLVISF	175	>RB1-M208V QVEDDLVISF	3304	3129
>RB1-M208V FLLAKGEVLQ	43	>RB1-M208V FLLAKGEVLQ	9	34
>RB1-M208V FLLAKGEVLQ	57	>RB1-M208V FLLAKGEVLQ	6	51



>RB1-M208V FLLAKGEVLQ	145	>RB1-M208V FLLAKGEVLQ	5	140
>RB1-M208V FLLAKGEVLQ	117	>RB1-M208V FLLAKGEVLQ	6	111
>RB1-M208V FLLAKGEVLQ	5	>RB1-M208V FLLAKGEVLQ	1	4
>RB1-M208V FLLAKGEVLQ	52	>RB1-M208V FLLAKGEVLQ	3	49
>RB1-M208V FLLAKGEVLQ	18	>RB1-M208V FLLAKGEVLQ	4	14
>RB1-M208V FLLAKGEVLQ	22	>RB1-M208V FLLAKGEVLQ	2	20
>RB1-M208V FLLAKGEVLQ	8	>RB1-M208V FLLAKGEVLQ	2	6
>RB1-M208V FLLAKGEVLQ	1632	>RB1-M208V FLLAKGEVLQ	127	1505
>RB1-M208V FLLAKGEVLQ	428	>RB1-M208V FLLAKGEVLQ	738	310
>RB1-M208V FLLAKGEVLQ	398	>RB1-M208V FLLAKGEVLQ	5382	4984
>RB1-M208V FLLAKGEVLQ	312	>RB1-M208V FLLAKGEVLQ	1887	1575
>RB1-M208V LQMEDDLV	31	>RB1-M208V LQVEDDLV	594	563
>RB1-M208V LQMEDDLVI	172	>RB1-M208V LQVEDDLVI	3785	3613
>RB1-M208V LQMEDDLV	28	>RB1-M208V LQVEDDLV	162	134
>RB1-M208V LQMEDDLV	74	>RB1-M208V LQVEDDLV	373	299
>RB1-M208V LQMEDDLV	9	>RB1-M208V LQVEDDLV	15	6
>RB1-M208V LQMEDDLVI	21	>RB1-M208V LQVEDDLVI	47	26
>RB1-M208V LQMEDDLVIS	16	>RB1-M208V LQVEDDLVISI	33	17
>RB1-M208V LQMEDDLV	120	>RB1-M208V LQVEDDLV	391	271
>RB1-M208V LQMEDDLV	25	>RB1-M208V LQVEDDLV	193	168
>RB1-M208V LQMEDDLVI	122	>RB1-M208V LQVEDDLVI	1545	1423
>RB1-M208V LQMEDDLV	175	>RB1-M208V LQVEDDLV	495	320
>RB1-M208V LQMEDDLV	391	>RB1-M208V LQVEDDLV	8755	8364
>RB1-M208V LQMEDDLV	458	>RB1-M208V LQVEDDLV	1076	618
>RB1-M208V LQMEDDLVI	124	>RB1-M208V LQVEDDLVI	297	173
>RB1-M208V LQMEDDLVIS	30	>RB1-M208V LQVEDDLVISI	35	5
>RB1-M208V LQMEDDLVI	106	>RB1-M208V LQVEDDLVI	223	117
>RB1-M208V LQMEDDLVIS	3	>RB1-M208V LQVEDDLVISI	5	2
>RB1-M208V LQMEDDLVIS	209	>RB1-M208V LQVEDDLVISI	247	38
>RB1-M208V LQMEDDLVIS	187	>RB1-M208V LQVEDDLVISI	215	28
>RB1-M208V VLQMEDDLV	79	>RB1-M208V VLQVEDDLV	76	3
>RB1-M208V VLQMEDDLV	54	>RB1-M208V VLQVEDDLV	141	87
>RB1-M208V VLQMEDDLV	436	>RB1-M208V VLQVEDDLVI	864	428
>RB1-M208V VLQMEDDLV	35	>RB1-M208V VLQVEDDLV	40	5
>RB1-M208V VLQMEDDLV	164	>RB1-M208V VLQVEDDLVI	156	8
>RB1-M208V VLQMEDDLV	31	>RB1-M208V VLQVEDDLV	40	9
>RB1-M208V VLQMEDDLV	411	>RB1-M208V VLQVEDDLV	273	138
>RB1-M208V VLQMEDDL	58	>RB1-M208V VLQVEDDL	100	42
>RB1-M208V VLQMEDDLV	14	>RB1-M208V VLQVEDDLV	18	4
>RB1-M208V VLQMEDDLV	116	>RB1-M208V VLQVEDDLVI	215	99
>RB1-M208V EVLQMEDDL	344	>RB1-M208V EVLQVEDDL	447	103
>RB1-M208V EVLQMEDDL	178	>RB1-M208V EVLQVEDDLV	98	80
>RB1-M208V GEVLQMEDD	171	>RB1-M208V GEVLQVEDDI	220	49

>RB1-M208V GEVLQMEDD	333	>RB1-M208V GEVLQVEDDI	448	115
>RB1-M208V GEVLQMEDD	420	>RB1-M208V GEVLQVEDDI	434	14
>RB1-M208V GEVLQMEDD	9	>RB1-M208V GEVLQVEDDI	8	1
>RB1-M208V AKGEVLQM	11275	>RB1-M208V AKGEVLQV	437	10838
>RB1-M208V LAKGEVLQM	9880	>RB1-M208V LAKGEVLQV	367	9513
>RB1-M208V LAKGEVLQM	15799	>RB1-M208V LAKGEVLQV	44	15755
>RB1-M208V LAKGEVLQM	24	>RB1-M208V LAKGEVLQV	1370	1346
>RB1-M208V LLAKGEVLQM	1455	>RB1-M208V LLAKGEVLQV	108	1347
>RB1-M208V LLAKGEVLQM	121	>RB1-M208V LLAKGEVLQV	35	86
>RB1-M208V LLAKGEVLQM	684	>RB1-M208V LLAKGEVLQV	32	652
>RB1-M208V LLAKGEVLQM	4348	>RB1-M208V LLAKGEVLQV	268	4080
>RB1-M208V LLAKGEVLQM	213	>RB1-M208V LLAKGEVLQV	4	209
>RB1-M208V LLAKGEVLQM	4236	>RB1-M208V LLAKGEVLQV	24	4212
>RB1-M208V LLAKGEVLQM	142	>RB1-M208V LLAKGEVLQV	5	137
>RB1-M208V LLAKGEVLQM	306	>RB1-M208V LLAKGEVLQV	5	301
>RB1-M208V LLAKGEVLQM	14	>RB1-M208V LLAKGEVLQV	2	12
>RB1-M208V LLAKGEVLQM	266	>RB1-M208V LLAKGEVLQV	3449	3183
>RB1-M704V MMCSMYGI	32	>RB1-M704V VMCSMYGI	107	75
>RB1-M704V MMCSMYGIC	41	>RB1-M704V VMCSMYGIC	146	105
>RB1-M704V MMCSMYGI	11	>RB1-M704V VMCSMYGI	69	58
>RB1-M704V MMCSMYGIC	17	>RB1-M704V VMCSMYGIC	129	112
>RB1-M704V MMCSMYGI	9	>RB1-M704V VMCSMYGI	30	21
>RB1-M704V MMCSMYGIC	5	>RB1-M704V VMCSMYGIC	12	7
>RB1-M704V MMCSMYGI	69	>RB1-M704V VMCSMYGI	252	183
>RB1-M704V MMCSMYGIC	60	>RB1-M704V VMCSMYGIC	210	150
>RB1-M704V MMCSMYGI	7	>RB1-M704V VMCSMYGI	10	3
>RB1-M704V MMCSMYGIC	3	>RB1-M704V VMCSMYGIC	4	1
>RB1-M704V MMCSMYGI	83	>RB1-M704V VMCSMYGI	147	64
>RB1-M704V MMCSMYGIC	73	>RB1-M704V VMCSMYGIC	127	54
>RB1-M704V MMCSMYGI	215	>RB1-M704V VMCSMYGI	223	8
>RB1-M704V MMCSMYGIC	17	>RB1-M704V VMCSMYGIC	18	1
>RB1-M704V MMCSMYGI	140	>RB1-M704V VMCSMYGI	219	79
>RB1-M704V MMCSMYGIC	21	>RB1-M704V VMCSMYGIC	27	6
>RB1-M704V MMCSMYGI	15	>RB1-M704V VMCSMYGI	28	13
>RB1-M704V MMCSMYGIC	2	>RB1-M704V VMCSMYGIC	3	1
>RB1-M704V MMCSMYGIC	23	>RB1-M704V VMCSMYGIC	39	16
>RB1-M704V MMCSMYGIC	20	>RB1-M704V VMCSMYGIC	26	6
>RB1-M704V MMCSMYGIC	281	>RB1-M704V VMCSMYGIC	3536	3255
>RB1-M704V MMCSMYGIC	39	>RB1-M704V VMCSMYGIC	146	107
>RB1-M704V MMCSMYGIC	194	>RB1-M704V VMCSMYGIC	615	421
>RB1-M704V MMCSMYGIC	85	>RB1-M704V VMCSMYGIC	1298	1213
>RB1-M704V MMCSMYGI	397	>RB1-M704V VMCSMYGI	7446	7049
>RB1-M704V MMCSMYGI	495	>RB1-M704V VMCSMYGI	1450	955

>RB1-M704V IMMCSMYGI	359	>RB1-M704V IVMCSMYGI	900	541
>RB1-M704V IMMCSMYGI	7	>RB1-M704V IVMCSMYGI	19	12
>RB1-M704V IMMCSMYG	198	>RB1-M704V IVMCSMYG	4021	3823
>RB1-M704V IMMCSMYGI	3	>RB1-M704V IVMCSMYGI	22	19
>RB1-M704V IMMCSMYG	340	>RB1-M704V IVMCSMYG	5034	4694
>RB1-M704V IMMCSMYGI	3	>RB1-M704V IVMCSMYGI	23	20
>RB1-M704V IMMCSMYGI	9	>RB1-M704V IVMCSMYGI	11	2
>RB1-M704V IMMCSMYG	293	>RB1-M704V IVMCSMYG	13263	12970
>RB1-M704V IMMCSMYGI	4	>RB1-M704V IVMCSMYGI	150	146
>RB1-M704V IMMCSMYGI	293	>RB1-M704V IVMCSMYGIC	7796	7503
>RB1-M704V IMMCSMYGI	3	>RB1-M704V IVMCSMYGI	45	42
>RB1-M704V IMMCSMYGI	261	>RB1-M704V IVMCSMYGIC	4933	4672
>RB1-M704V IMMCSMYGI	69	>RB1-M704V IVMCSMYGI	5993	5924
>RB1-M704V IMMCSMYGI	6	>RB1-M704V IVMCSMYGI	173	167
>RB1-M704V IMMCSMYGI	59	>RB1-M704V IVMCSMYGI	4846	4787
>RB1-M704V IMMCSMYGI	36	>RB1-M704V IVMCSMYGIC	66	30
>RB1-M704V IMMCSMYGI	8	>RB1-M704V IVMCSMYGIC	9	1
>RB1-M704V IMMCSMYGI	707	>RB1-M704V IVMCSMYGIC	146	561
>RB1-M704V IMMCSMYGI	159	>RB1-M704V IVMCSMYGIC	370	211
>RB1-M704V IMMCSMYGI	109	>RB1-M704V IVMCSMYGI	178	69
>RB1-M704V IMMCSMYGI	234	>RB1-M704V IVMCSMYGIC	35	199
>RB1-M704V IMMCSMYGI	80	>RB1-M704V IVMCSMYGI	7	73
>RB1-M704V IMMCSMYGI	162	>RB1-M704V IVMCSMYGI	46	116
>RB1-M704V IMMCSMYGI	310	>RB1-M704V IVMCSMYGI	3725	3415
>RB1-M704V IMMCSMYGI	22	>RB1-M704V IVMCSMYGI	1747	1725
>RB1-M704V IMMCSMYGI	92	>RB1-M704V IVMCSMYGIC	3264	3172
>RB1-M704V IMMCSMYGI	507	>RB1-M704V IVMCSMYGI	245	262
>RB1-M704V IMMCSMYGI	895	>RB1-M704V IVMCSMYGIC	389	506
>RB1-M704V LMRDRHLDQ	2402	>RB1-M704V LMRDRHLDQ	22	2380
>RB1-M704V LMRDRHLDQ	3357	>RB1-M704V LMRDRHLDQ	40	3317
>RB1-M704V LMRDRHLDQ	7121	>RB1-M704V LMRDRHLDQ	112	7009
>RB1-M704V LMRDRHLDQ	11253	>RB1-M704V LMRDRHLDQ	97	11156
>RB1-M704V LMRDRHLDQ	124	>RB1-M704V LMRDRHLDQ	3	121
>RB1-M704V LMRDRHLDQ	331	>RB1-M704V LMRDRHLDQ	211	120
>RB1-M704V LMRDRHLDQ	184	>RB1-M704V LMRDRHLDQ	287	103
>RB1-M704V LMRDRHLDQ	58	>RB1-M704V LMRDRHLDQ	509	451
>RB1-M704V LMRDRHLDQ	47	>RB1-M704V LMRDRHLDQ	196	149
>RB1-M704V QIMMCSMYC	97	>RB1-M704V QIVMCSMYG	1673	1576
>RB1-M704V QIMMCSMYC	44	>RB1-M704V QIVMCSMYG	276	232
>RB1-M704V QIMMCSMYC	114	>RB1-M704V QIVMCSMYG	553	439
>RB1-M704V QIMMCSMYC	76	>RB1-M704V QIVMCSMYG	158	82
>RB1-M704V QIMMCSMYC	372	>RB1-M704V QIVMCSMYG	2400	2028
>RB1-M704V QIMMCSMYC	287	>RB1-M704V QIVMCSMYG	7706	7419

>RB1-M704V QIMMCSMY	318	>RB1-M704V QIVMCSMY	4036	3718
>RB1-M704V QIMMCSMY	690	>RB1-M704V QIVMCSMY	192	498
>RB1-M704V QIMMCSMY	85	>RB1-M704V QIVMCSMY	72	13
>RB1-M704V QIMMCSMY	76	>RB1-M704V QIVMCSMY	156	80
>RB1-M704V QIMMCSMYC	182	>RB1-M704V QIVMCSMYG	1567	1385
>RB1-M704V QIMMCSMYC	367	>RB1-M704V QIVMCSMYG	514	147
>RB1-M704V QIMMCSMYC	112	>RB1-M704V QIVMCSMYG	425	313
>RB1-M704V QIMMCSMY	125	>RB1-M704V QIVMCSMY	309	184
>RB1-M704V QIMMCSMY	265	>RB1-M704V QIVMCSMY	705	440
>RB1-M704V DQIMMCSM'	335	>RB1-M704V DQIVMCSMY	678	343
>RB1-M704V DQIMMCSM'	353	>RB1-M704V DQIVMCSMY	371	18
>RB1-M704V DQIMMCSM	426	>RB1-M704V DQIVMCSM	716	290
>RB1-M704V DQIMMCSM'	249	>RB1-M704V DQIVMCSMY	436	187
>RB1-M704V DQIMMCSM'	165	>RB1-M704V DQIVMCSMY	222	57
>RB1-M704V DQIMMCSM'	232	>RB1-M704V DQIVMCSMY	302	70
>RB1-M704V LDQIMMCSM	329	>RB1-M704V LDQIVMCSM	282	47
>RB1-M704V LDQIMMCSM	349	>RB1-M704V LDQIVMCSM	873	524
>RB1-M704V HLDQIMMCS	46	>RB1-M704V HLDQIVMCSM	73	27
>RB1-M704V HLDQIMMCS	339	>RB1-M704V HLDQIVMCSM	327	12
>RB1-M704V HLDQIMMCS	149	>RB1-M704V HLDQIVMCS	75	74
>RB1-M704V HLDQIMMCS	240	>RB1-M704V HLDQIVMCSM	52	188
>RB1-M704V HLDQIMMCS	600	>RB1-M704V HLDQIVMCSM	296	304
>RB1-M704V HLDQIMMCS	354	>RB1-M704V HLDQIVMCSM	109	245
>RB1-M704V HLDQIMMCS	159	>RB1-M704V HLDQIVMCS	119	40
>RB1-M704V HLDQIMMCS	96	>RB1-M704V HLDQIVMCSM	81	15
>RB1-M704V HLDQIMMCS	317	>RB1-M704V HLDQIVMCSM	460	143
>RB1-M704V HLDQIMMCS	168	>RB1-M704V HLDQIVMCSM	258	90
>RB1-M704V HLDQIMMCS	61	>RB1-M704V HLDQIVMCSM	84	23
>RB1-M704V HLDQIMMCS	381	>RB1-M704V HLDQIVMCSM	409	28
>RB1-M704V HLDQIMMCS	108	>RB1-M704V HLDQIVMCSM	171	63
>RB1-M704V HLDQIMMCS	230	>RB1-M704V HLDQIVMCSM	140	90
>RB1-M704V RHLDQIMM	327	>RB1-M704V RHLDQIVM	191	136
>RB1-M704V RHLDQIMMCS	131	>RB1-M704V RHLDQIVMCS	139	8
>RB1-M704V RHLDQIMM	1011	>RB1-M704V RHLDQIVM	171	840
>RB1-M704V RDRHLDQIM	357	>RB1-M704V RDRHLDQIV	422	65
>RB1-M704V RDRHLDQIM	396	>RB1-M704V RDRHLDQIV	5964	5568
>RB1-M704V RDRHLDQIM	350	>RB1-M704V RDRHLDQIVM	666	316
>RB1-M704V RDRHLDQIM	6105	>RB1-M704V RDRHLDQIV	497	5608
>RB1-M704V MRDRHLDQI'	185	>RB1-M704V MRDRHLDQI'	471	286
>RB1-M704V MRDRHLDQI'	1245	>RB1-M704V MRDRHLDQI'	221	1024
>RB1-M704V MRDRHLDQI'	465	>RB1-M704V MRDRHLDQI'	940	475
>RB1-M704V MRDRHLDQI'	313	>RB1-M704V MRDRHLDQI'	567	254
>RB1-N328H KNKDLDRRLF	163	>RB1-N328H KHKDLDRRLF	713	550

>RB1-N328H KNKDLDRR	382	>RB1-N328H KHKDLDRR	1349	967
>RB1-N328H KNKDLDRRLF	2405	>RB1-N328H KHKDLDRRLF	429	1976
>RB1-N328H KNKDLDRR	310	>RB1-N328H KHKDLDRR	228	82
>RB1-N328H LKNKDLDRRL	21	>RB1-N328H LKHKDLDRRL	14	7
>RB1-N328H YLKNKDLDRR	377	>RB1-N328H YLKHKDLDRR	328	49
>RB1-N328H YLKNKDLDRR	98	>RB1-N328H YLKHKDLDRR	89	9
>RB1-N328H YLKNKDLDRR	423	>RB1-N328H YLKHKDLDRR	894	471
>RB1-N328H YLKNKDLDRR	412	>RB1-N328H YLKHKDLDRR	653	241
>RB1-N328H YLKNKDLDRR	10	>RB1-N328H YLKHKDLDRR	21	11
>RB1-N328H YLKNKDLDRR	78	>RB1-N328H YLKHKDLDRR	75	3
>RB1-N328H IYLNKDL	270	>RB1-N328H IYLNKDL	2432	2162
>RB1-N328H IYLNKDL	144	>RB1-N328H IYLNKDL	234	90
>RB1-N328H IYLNKDL	581	>RB1-N328H IYLNKDL	410	171
>RB1-N328H IYLNKDL	25	>RB1-N328H IYLNKDL	24	1
>RB1-N328H IYLNKDLDR	524	>RB1-N328H IYLNKDLDR	320	204
>RB1-N328H IYLNKDLDR	489	>RB1-N328H IYLNKDLDR	217	272
>RB1-N328H IYLNKDLDR	31	>RB1-N328H IYLNKDLDR	33	2
>RB1-N328H IYLNKDLDR	65	>RB1-N328H IYLNKDLDR	68	3
>RB1-N328H EIYLNKDLDF	231	>RB1-N328H EIYLNKDLDF	171	60
>RB1-N328H EIYLNKDLDF	46	>RB1-N328H EIYLNKDLDF	42	4
>RB1-N328H EIYLNKDL	601	>RB1-N328H EIYLNKDL	102	499
>RB1-N328H EIYLNKDLDF	135	>RB1-N328H EIYLNKDLDF	129	6
>RB1-N328H EEIYLNKDL	273	>RB1-N328H EEIYLNKDL	288	15
>RB1-N328H EEIYLNKDL	321	>RB1-N328H EEIYLNKDL	537	216
>RB1-N328H EEIYLNKDL	249	>RB1-N328H EEIYLNKDL	230	19
>RB1-N328H EEIYLNKDL	223	>RB1-N328H EEIYLNKDL	441	218
>RB1-N328H EEIYLNKDL	118	>RB1-N328H EEIYLNKDL	228	110
>RB1-N328H EEIYLNKDL	223	>RB1-N328H EEIYLNKDL	697	474
>RB1-N328H YEEIYLNKDL	35	>RB1-N328H YEEIYLNKDL	41	6
>RB1-N328H YEEIYLNKDL	159	>RB1-N328H YEEIYLNKDL	141	18
>RB1-N328H YEEIYLNKDL	84	>RB1-N328H YEEIYLNKDL	110	26
>RB1-N328H RYEEIYLNK	93	>RB1-N328H RYEEIYLNK	65	28
>RB1-N328H RYEEIYLNK	92	>RB1-N328H RYEEIYLNK	60	32
>RB1-N328H KRYEEIYLNK	55	>RB1-N328H KRYEEIYLNK	26	29
>RB1-N328H KRYEEIYLNK	34	>RB1-N328H KRYEEIYLNK	32	2
>RB1-N328H KRYEEIYLNK	135	>RB1-N328H KRYEEIYLNK	110	25
>RB1-N328H KRYEEIYLNK	134	>RB1-N328H KRYEEIYLNK	111	23
>RB1-N328H KRYEEIYLNK	273	>RB1-N328H KRYEEIYLNK	181	92
>RB1-N328H KRYEEIYLNK	343	>RB1-N328H KRYEEIYLNK	227	116
>RB1-P515L- PWILNVLNL	735	>RB1-P515L- LWILNVLNL	490	245
>RB1-P515L- PWILNVLNL	946	>RB1-P515L- LWILNVLNL	69	877
>RB1-P515L- PWILNVLNLK	538	>RB1-P515L- LWILNVLNLK	294	244
>RB1-P515L- PWILNVLNL	1149	>RB1-P515L- LWILNVLNL	336	813

>RB1-P515L- PWILNVLNLK	1265	>RB1-P515L- LWILNVLNLK	368	897
>RB1-P515L- FPWILNVLNL	73	>RB1-P515L- FLWILNVLNL	29351	29278
>RB1-P515L- FPWILNVL	10736	>RB1-P515L- FLWILNVL	13	10723
>RB1-P515L- FPWILNVLNL	8482	>RB1-P515L- FLWILNVLNL	21	8461
>RB1-P515L- FPWILNVL	5638	>RB1-P515L- FLWILNVL	15	5623
>RB1-P515L- FPWILNVLNL	3773	>RB1-P515L- FLWILNVLNL	23	3750
>RB1-P515L- FPWILNVLNL	28587	>RB1-P515L- FLWILNVLNL	431	28156
>RB1-P515L- FPWILNVL	20074	>RB1-P515L- FLWILNVL	66	20008
>RB1-P515L- FPWILNVLNL	7412	>RB1-P515L- FLWILNVLNL	31	7381
>RB1-P515L- FPWILNVL	6920	>RB1-P515L- FLWILNVL	69	6851
>RB1-P515L- FPWILNVLNL	1524	>RB1-P515L- FLWILNVLNL	73	1451
>RB1-P515L- FPWILNVL	8792	>RB1-P515L- FLWILNVL	2	8790
>RB1-P515L- FPWILNVLN	28594	>RB1-P515L- FLWILNVLN	329	28265
>RB1-P515L- FPWILNVLNL	6662	>RB1-P515L- FLWILNVLNL	2	6660
>RB1-P515L- FPWILNVLNL	28111	>RB1-P515L- FLWILNVLNL	251	27860
>RB1-P515L- FPWILNVL	17138	>RB1-P515L- FLWILNVL	7	17131
>RB1-P515L- FPWILNVLNL	17760	>RB1-P515L- FLWILNVLNL	11	17749
>RB1-P515L- FPWILNVL	13372	>RB1-P515L- FLWILNVL	6	13366
>RB1-P515L- FPWILNVLNL	9145	>RB1-P515L- FLWILNVLNL	5	9140
>RB1-P515L- FPWILNVL	20114	>RB1-P515L- FLWILNVL	9	20105
>RB1-P515L- FPWILNVLNL	19784	>RB1-P515L- FLWILNVLNL	8	19776
>RB1-P515L- FPWILNVL	21896	>RB1-P515L- FLWILNVL	3	21893
>RB1-P515L- FPWILNVLNL	18604	>RB1-P515L- FLWILNVLNL	3	18601
>RB1-P515L- FPWILNVLNL	37220	>RB1-P515L- FLWILNVLNL	171	37049
>RB1-P515L- FPWILNVLNL	15449	>RB1-P515L- FLWILNVLNL	189	15260
>RB1-P515L- FPWILNVLNL	9978	>RB1-P515L- FLWILNVLNL	236	9742
>RB1-P515L- FPWILNVLNL	959	>RB1-P515L- FLWILNVLNL	152	807
>RB1-P515L- FPWILNVLNL	678	>RB1-P515L- FLWILNVLNL	246	432
>RB1-P515L- FPWILNVL	44	>RB1-P515L- FLWILNVL	13447	13403
>RB1-P515L- FPWILNVL	2594	>RB1-P515L- FLWILNVL	391	2203
>RB1-P515L- FPWILNVLNL	2001	>RB1-P515L- FLWILNVLNL	276	1725
>RB1-P515L- FPWILNVL	17	>RB1-P515L- FLWILNVL	1738	1721
>RB1-P515L- FPWILNVLN	276	>RB1-P515L- FLWILNVLN	15021	14745
>RB1-P515L- FPWILNVLNL	460	>RB1-P515L- FLWILNVLNL	36306	35846
>RB1-P515L- FPWILNVL	95	>RB1-P515L- FLWILNVL	1246	1151
>RB1-P515L- FPWILNVL	232	>RB1-P515L- FLWILNVL	21047	20815
>RB1-P515L- FPWILNVL	36	>RB1-P515L- FLWILNVL	22093	22057
>RB1-P515L- FPWILNVLNL	70	>RB1-P515L- FLWILNVLNL	9989	9919
>RB1-P515L- FPWILNVL	19	>RB1-P515L- FLWILNVL	7791	7772
>RB1-P515L- FPWILNVLN	8	>RB1-P515L- FLWILNVLN	7449	7441
>RB1-P515L- FPWILNVLNL	7	>RB1-P515L- FLWILNVLNL	6574	6567
>RB1-P515L- FPWILNVL	174	>RB1-P515L- FLWILNVL	20967	20793
>RB1-P515L- FPWILNVLNL	64	>RB1-P515L- FLWILNVLNL	17721	17657

>RB1-P515L- NLDSGTDLSF	21828	>RB1-P515L- NLDSGTDLSF	97	21731
>RB1-P515L- NLDSGTDLSF	4512	>RB1-P515L- NLDSGTDLSF	14	4498
>RB1-P515L- NLDSGTDLSF	14499	>RB1-P515L- NLDSGTDLSF	181	14318
>RB1-P515L- NLDSGTDLSF	8478	>RB1-P515L- NLDSGTDLSF	111	8367
>RB1-P515L- NLDSGTDLSF	10231	>RB1-P515L- NLDSGTDLSF	31	10200
>RB1-P515L- NLDSGTDLSF	12503	>RB1-P515L- NLDSGTDLSF	14	12489
>RB1-P515L- NLDSGTDLSF	13755	>RB1-P515L- NLDSGTDLSF	31	13724
>RB1-P515L- NLDSGTDLSF	16131	>RB1-P515L- NLDSGTDLSF	13	16118
>RB1-P515L- NLDSGTDLSF	16946	>RB1-P515L- NLDSGTDLSF	46	16900
>RB1-P515L- SFPWILNVL	3232	>RB1-P515L- SFLWILNVL	109	3123
>RB1-P515L- SFPWILNV	2027	>RB1-P515L- SFLWILNV	469	1558
>RB1-P515L- SFPWILNV	348	>RB1-P515L- SFLWILNV	38	310
>RB1-P515L- SFPWILNV	255	>RB1-P515L- SFLWILNV	28	227
>RB1-P515L- SFPWILNV	222	>RB1-P515L- SFLWILNV	75	147
>RB1-P515L- SFPWILNVL	416	>RB1-P515L- SFLWILNVL	867	451
>RB1-P515L- SFPWILNVL	14	>RB1-P515L- SFLWILNVL	18	4
>RB1-P515L- SFPWILNVLN	18	>RB1-P515L- SFLWILNVLN	24	6
>RB1-P515L- SFPWILNV	4927	>RB1-P515L- SFLWILNV	282	4645
>RB1-P515L- SFPWILNVL	47	>RB1-P515L- SFLWILNVL	19519	19472
>RB1-P515L- SFPWILNVLN	140	>RB1-P515L- SFLWILNVLN	23316	23176
>RB1-P515L- SFPWILNV	101	>RB1-P515L- SFLWILNV	98	3
>RB1-P515L- SFPWILNVL	110	>RB1-P515L- SFLWILNVL	100	10
>RB1-P515L- SFPWILNVLN	107	>RB1-P515L- SFLWILNVLN	98	9
>RB1-P515L- SFPWILNV	152	>RB1-P515L- SFLWILNV	58	94
>RB1-P515L- SFPWILNVL	75	>RB1-P515L- SFLWILNVL	37	38
>RB1-P515L- SFPWILNVLN	169	>RB1-P515L- SFLWILNVLN	71	98
>RB1-P515L- LSPWILNV	356	>RB1-P515L- LSFLWILNV	223	133
>RB1-P515L- LSPWILNV	41	>RB1-P515L- LSFLWILNV	141	100
>RB1-P515L- LSPWILNV	178	>RB1-P515L- LSFLWILNV	564	386
>RB1-P515L- LSPWILNVL	222	>RB1-P515L- LSFLWILNVL	251	29
>RB1-P515L- LSPWILNV	276	>RB1-P515L- LSFLWILNV	783	507
>RB1-P515L- LSPWILNV	34	>RB1-P515L- LSFLWILNV	223	189
>RB1-P515L- LSPWILNVL	498	>RB1-P515L- LSFLWILNVL	756	258
>RB1-P515L- LSPWILNV	17	>RB1-P515L- LSFLWILNV	69	52
>RB1-P515L- LSPWILNV	128	>RB1-P515L- LSFLWILNV	621	493
>RB1-P515L- LSPWILNV	22	>RB1-P515L- LSFLWILNV	343	321
>RB1-P515L- LSPWILNV	35	>RB1-P515L- LSFLWILNV	183	148
>RB1-P515L- LSPWILNV	47	>RB1-P515L- LSFLWILNV	119	72
>RB1-P515L- LSPWILNVL	376	>RB1-P515L- LSFLWILNVL	1044	668
>RB1-P515L- LSPWILNV	168	>RB1-P515L- LSFLWILNV	579	411
>RB1-P515L- LSPWILNVL	120	>RB1-P515L- LSFLWILNVL	311	191
>RB1-P515L- LSPWILNV	36	>RB1-P515L- LSFLWILNV	90	54
>RB1-P515L- LSPWILNVL	17	>RB1-P515L- LSFLWILNVL	32	15

>RB1-P515L-LSFPWILNVL	108	>RB1-P515L-LSFLWILNVL	611	503
>RB1-P515L-LSFPWILNVL	117	>RB1-P515L-LSFLWILNVL	337	220
>RB1-P515L-LSFPWILNV	417	>RB1-P515L-LSFLWILNV	994	577
>RB1-P515L-LSFPWILNVL	512	>RB1-P515L-LSFLWILNVL	247	265
>RB1-P515L-LSFPWILNV	101	>RB1-P515L-LSFLWILNV	976	875
>RB1-P515L-DLSFPWILNV	507	>RB1-P515L-DLSFLWILNV	240	267
>RB1-P515L-DLSFPWIL	1644	>RB1-P515L-DLSFLWIL	407	1237
>RB1-P515L-DLSFPWILNV	433	>RB1-P515L-DLSFLWILNV	287	146
>RB1-P515L-DLSFPWILNV	134	>RB1-P515L-DLSFLWILNV	147	13
>RB1-P515L-DLSFPWILNV	733	>RB1-P515L-DLSFLWILNV	489	244
>RB1-P515L-DLSFPWILNV	39	>RB1-P515L-DLSFLWILNV	77	38
>RB1-P515L-DLSFPWILNV	47	>RB1-P515L-DLSFLWILNV	31	16
>RB1-P515L-DLSFPWIL	444	>RB1-P515L-DLSFLWIL	381	63
>RB1-P515L-DLSFPWILNV	33	>RB1-P515L-DLSFLWILNV	33	0
>RB1-P515L-DLSFPWIL	235	>RB1-P515L-DLSFLWIL	202	33
>RB1-P515L-DLSFPWILNV	18	>RB1-P515L-DLSFLWILNV	23	5
>RB1-P515L-DLSFPWILNV	90	>RB1-P515L-DLSFLWILNV	185	95
>RB1-P515L-TDLSFPWILN'	336	>RB1-P515L-TDLSFLWILN'	281	55
>RB1-P515L-TDLSFPWIL	163	>RB1-P515L-TDLSFLWIL	800	637
>RB1-P515L-TDLSFPWIL	483	>RB1-P515L-TDLSFLWIL	113	370
>RB1-P515L-TDLSFPWI	549	>RB1-P515L-TDLSFLWI	307	242
>RB1-P515L-TDLSFPWIL	1633	>RB1-P515L-TDLSFLWIL	379	1254
>RB1-P515L-TDLSFPWILN'	967	>RB1-P515L-TDLSFLWILN'	416	551
>RB1-P515L-TDLSFPWI	58	>RB1-P515L-TDLSFLWI	37	21
>RB1-P515L-TDLSFPWIL	52	>RB1-P515L-TDLSFLWIL	50	2
>RB1-P515L-TDLSFPWILN'	44	>RB1-P515L-TDLSFLWILN'	43	1
>RB1-P515L-GTDLSFPWI	490	>RB1-P515L-GTDLSFLWI	1301	811
>RB1-P515L-GTDLSFPWIL	878	>RB1-P515L-GTDLSFLWIL	343	535
>RB1-P515L-GTDLSFPW	15	>RB1-P515L-GTDLSFLW	18	3
>RB1-P515L-GTDLSFPWI	357	>RB1-P515L-GTDLSFLWI	151	206
>RB1-P515L-GTDLSFPWIL	516	>RB1-P515L-GTDLSFLWIL	341	175
>RB1-P515L-GTDLSFPW	346	>RB1-P515L-GTDLSFLW	267	79
>RB1-P515L-GTDLSFPW	72	>RB1-P515L-GTDLSFLW	27	45
>RB1-P515L-GTDLSFPWI	83	>RB1-P515L-GTDLSFLWI	123	40
>RB1-P515L-GTDLSFPWIL	97	>RB1-P515L-GTDLSFLWIL	69	28
>RB1-P515L-GTDLSFPWI	747	>RB1-P515L-GTDLSFLWI	445	302
>RB1-P515L-GTDLSFPWIL	176	>RB1-P515L-GTDLSFLWIL	413	237
>RB1-P515L-GTDLSFPWI	611	>RB1-P515L-GTDLSFLWI	279	332
>RB1-P515L-GTDLSFPWI	236	>RB1-P515L-GTDLSFLWI	260	24
>RB1-P515L-SGTDLSFPW	141	>RB1-P515L-SGTDLSFLW	43	98
>RB1-P515L-SGTDLSFPWI	564	>RB1-P515L-SGTDLSFLWI	227	337
>RB1-P515L-DSGTDLSFP	6460	>RB1-P515L-DSGTDLSFL	20	6440
>RB1-P515L-LDSGTDLSFP'	420	>RB1-P515L-LDSGTDLSFL'	167	253



>RB1-P515L-LDSGTDLSFP\	1365	>RB1-P515L-LDSGTDLSFL\	399	966
>RB1-P515L-LDSGTDLSFP\	430	>RB1-P515L-LDSGTDLSFL\	350	80
>RB1-P515L-LDSGTDLSFP\	107	>RB1-P515L-LDSGTDLSFL\	110	3
>RB1-Q444H QRYKLGVRLY	143	>RB1-Q444H HRYKLGVRLY	151	8
>RB1-Q444H QRYKLGVRLY	1102	>RB1-Q444H HRYKLGVRLY	409	693
>RB1-Q444H QRYKLGVRLY	164	>RB1-Q444H HRYKLGVRLY	69	95
>RB1-Q444H QRYKLGVR	154	>RB1-Q444H HRYKLGVR	173	19
>RB1-Q444H QRYKLGVRLY	88	>RB1-Q444H HRYKLGVRLY	86	2
>RB1-Q444H QRYKLGVRLY	38	>RB1-Q444H HRYKLGVRLY	37	1
>RB1-Q444H QRYKLGVR	60	>RB1-Q444H HRYKLGVR	31	29
>RB1-Q444H QRYKLGVR	22	>RB1-Q444H HRYKLGVR	15	7
>RB1-Q444H QRYKLGVRLY	24	>RB1-Q444H HRYKLGVRLY	9	15
>RB1-Q444H QRYKLGVRLY	38	>RB1-Q444H HRYKLGVRLY	21	17
>RB1-Q444H QRYKLGVR	552	>RB1-Q444H HRYKLGVR	57	495
>RB1-Q444H QRYKLGVR	33	>RB1-Q444H HRYKLGVR	58	25
>RB1-Q444H QRYKLGVRLY	1126	>RB1-Q444H HRYKLGVRLY	434	692
>RB1-Q444H QRYKLGVRLY	131	>RB1-Q444H HRYKLGVRLY	215	84
>RB1-Q444H QRYKLGVR	20	>RB1-Q444H HRYKLGVR	20	0
>RB1-Q444H QRYKLGVRLY	165	>RB1-Q444H HRYKLGVRLY	157	8
>RB1-Q444H QRYKLGVR	314	>RB1-Q444H HRYKLGVR	108	206
>RB1-Q444H SQRYKLG	190	>RB1-Q444H SHRYKLG	12674	12484
>RB1-Q444H SQRYKLG	230	>RB1-Q444H SHRYKLG	19768	19538
>RB1-Q444H SQRYKLGVR	192	>RB1-Q444H SHRYKLGVR	669	477
>RB1-Q444H SQRYKLGVR	59	>RB1-Q444H SHRYKLGVR	3371	3312
>RB1-Q444H SQRYKLGVR	305	>RB1-Q444H SHRYKLGVR	20976	20671
>RB1-Q444H SQRYKLGVR	63	>RB1-Q444H SHRYKLGVR	10968	10905
>RB1-Q444H SQRYKLGVR	256	>RB1-Q444H SHRYKLGVR	4910	4654
>RB1-Q444H SQRYKLGVR	200	>RB1-Q444H SHRYKLGVR	2441	2241
>RB1-Q444H SQRYKLGVR	57	>RB1-Q444H SHRYKLGVR	854	797
>RB1-Q444H GSQRYKGVF	488	>RB1-Q444H GSHRYKGVF	178	310
>RB1-Q444H GSQRYKGVF	377	>RB1-Q444H GSHRYKGVF	595	218
>RB1-Q444H EIGSQRYKLG\	233	>RB1-Q444H EIGSHRYKLG\	289	56
>RB1-Q444H EIGSQRYK	60	>RB1-Q444H EIGSHRYK	41	19
>RB1-Q444H EIGSQRYKL	529	>RB1-Q444H EIGSHRYKL	480	49
>RB1-Q444H EIGSQRYKLG\	315	>RB1-Q444H EIGSHRYKLG\	303	12
>RB1-Q444H EIGSQRYKLG\	41	>RB1-Q444H EIGSHRYKLG\	27	14
>RB1-Q444H EIGSQRYKL	2932	>RB1-Q444H EIGSHRYKL	470	2462
>RB1-Q444H VEIGSQRY	1430	>RB1-Q444H VEIGSHRY	400	1030
>RB1-Q444H VEIGSQRY	1763	>RB1-Q444H VEIGSHRY	491	1272
>RB1-Q444H VEIGSQRY	160	>RB1-Q444H VEIGSHRY	44	116
>RB1-Q444H VEIGSQRYKL	135	>RB1-Q444H VEIGSHRYKL	178	43
>RB1-Q444H VEIGSQRY	91	>RB1-Q444H VEIGSHRY	87	4
>RB1-Q444H VEIGSQRYKL	18	>RB1-Q444H VEIGSHRYKL	23	5

>RB1-Q444H CVEIGSQRY	202	>RB1-Q444H CVEIGSHRY	45	157
>RB1-Q444H CVEIGSQRYK	413	>RB1-Q444H CVEIGSHRYK	213	200
>RB1-Q444H CVEIGSQRYK	437	>RB1-Q444H CVEIGSHRYK	268	169
>RB1-Q444H CVEIGSQRY	583	>RB1-Q444H CVEIGSHRY	143	440
>RB1-Q444H CVEIGSQRY	481	>RB1-Q444H CVEIGSHRY	31	450
>RB1-Q444H CVEIGSQR	194	>RB1-Q444H CVEIGSHR	215	21
>RB1-Q444H CVEIGSQRY	1477	>RB1-Q444H CVEIGSHRY	332	1145
>RB1-Q444H CVEIGSQRY	352	>RB1-Q444H CVEIGSHRY	389	37
>RB1-Q444H CVEIGSQRY	156	>RB1-Q444H CVEIGSHRY	57	99
>RB1-Q444H QGCVEIGSQF	676	>RB1-Q444H QGCVEIGSHF	88	588
>RB1-Q702K·QIMMCSMYC	97	>RB1-Q702K·KIMMCSMYC	39	58
>RB1-Q702K·QIMMCSMYC	44	>RB1-Q702K·KIMMCSMYC	26	18
>RB1-Q702K·QIMMCSMYC	114	>RB1-Q702K·KIMMCSMYC	69	45
>RB1-Q702K·QIMMCSMYC	76	>RB1-Q702K·KIMMCSMYC	45	31
>RB1-Q702K·QIMMCSMYC	1222	>RB1-Q702K·KIMMCSMYC	128	1094
>RB1-Q702K·QIMMCSMYC	372	>RB1-Q702K·KIMMCSMYC	31	341
>RB1-Q702K·QIMMCSMYC	287	>RB1-Q702K·KIMMCSMYC	97	190
>RB1-Q702K·QIMMCSMY	946	>RB1-Q702K·KIMMCSMY	83	863
>RB1-Q702K·QIMMCSMY	318	>RB1-Q702K·KIMMCSMY	62	256
>RB1-Q702K·QIMMCSMY	85	>RB1-Q702K·KIMMCSMY	184	99
>RB1-Q702K·QIMMCSMYC	6197	>RB1-Q702K·KIMMCSMYC	216	5981
>RB1-Q702K·QIMMCSMYC	5391	>RB1-Q702K·KIMMCSMYC	315	5076
>RB1-Q702K·QIMMCSMY	76	>RB1-Q702K·KIMMCSMY	17	59
>RB1-Q702K·QIMMCSMYC	182	>RB1-Q702K·KIMMCSMYC	25	157
>RB1-Q702K·QIMMCSMYC	367	>RB1-Q702K·KIMMCSMYC	1861	1494
>RB1-Q702K·QIMMCSMYC	112	>RB1-Q702K·KIMMCSMYC	1412	1300
>RB1-Q702K·QIMMCSMY	564	>RB1-Q702K·KIMMCSMY	135	429
>RB1-Q702K·QIMMCSMY	125	>RB1-Q702K·KIMMCSMY	89	36
>RB1-Q702K·QIMMCSMY	265	>RB1-Q702K·KIMMCSMY	98	167
>RB1-Q702K·QIMMCSMY	1069	>RB1-Q702K·KIMMCSMY	158	911
>RB1-Q702K·QIMMCSMY	585	>RB1-Q702K·KIMMCSMY	307	278
>RB1-Q702K·DQIMMCSM'	335	>RB1-Q702K·DKIMMCSMY	593	258
>RB1-Q702K·DQIMMCSM'	353	>RB1-Q702K·DKIMMCSMY	1496	1143
>RB1-Q702K·DQIMMCSM	426	>RB1-Q702K·DKIMMCSM	18178	17752
>RB1-Q702K·DQIMMCSM'	249	>RB1-Q702K·DKIMMCSMY	15212	14963
>RB1-Q702K·DQIMMCSM'	165	>RB1-Q702K·DKIMMCSMY	162	3
>RB1-Q702K·DQIMMCSM'	232	>RB1-Q702K·DKIMMCSMY	2067	1835
>RB1-Q702K·LDQIMMCSM	329	>RB1-Q702K·LDKIMMCSM	901	572
>RB1-Q702K·LDQIMMCSM	561	>RB1-Q702K·LDKIMMCSM	331	230
>RB1-Q702K·LDQIMMCSM	349	>RB1-Q702K·LDKIMMCSM	1260	911
>RB1-Q702K·HLDQIMMCS	46	>RB1-Q702K·HLDKIMMCS	60	14
>RB1-Q702K·HLDQIMMCS	339	>RB1-Q702K·HLDKIMMCS	605	266
>RB1-Q702K·HLDQIMMC	149	>RB1-Q702K·HLDKIMMC	263	114

>RB1-Q702K·HLDQIMMCS	240	>RB1-Q702K·HLDKIMMCS	452	212
>RB1-Q702K·HLDQIMMCS	354	>RB1-Q702K·HLDKIMMCS	443	89
>RB1-Q702K·HLDQIMMC	159	>RB1-Q702K·HLDKIMMC	446	287
>RB1-Q702K·HLDQIMMCS	96	>RB1-Q702K·HLDKIMMCS	267	171
>RB1-Q702K·HLDQIMMCS	317	>RB1-Q702K·HLDKIMMCS	533	216
>RB1-Q702K·HLDQIMMCS	168	>RB1-Q702K·HLDKIMMCS	213	45
>RB1-Q702K·HLDQIMMCS	61	>RB1-Q702K·HLDKIMMCS	32	29
>RB1-Q702K·HLDQIMMCS	381	>RB1-Q702K·HLDKIMMCS	499	118
>RB1-Q702K·HLDQIMMCS	108	>RB1-Q702K·HLDKIMMCS	95	13
>RB1-Q702K·HLDQIMMCS	230	>RB1-Q702K·HLDKIMMCS	140	90
>RB1-Q702K·RHLDQIMM	327	>RB1-Q702K·RHLDKIMM	763	436
>RB1-Q702K·RHLDQIMMC	131	>RB1-Q702K·RHLDKIMMC	227	96
>RB1-Q702K·RDRHLDQI	476	>RB1-Q702K·RDRHLDKI	845	369
>RB1-Q702K·RDRHLDQIM	357	>RB1-Q702K·RDRHLDKIM	773	416
>RB1-Q702K·RDRHLDQIM	396	>RB1-Q702K·RDRHLDKIM	474	78
>RB1-Q702K·RDRHLDQIM	350	>RB1-Q702K·RDRHLDKIM	895	545
>RB1-Q702K·RDRHLDQI	350	>RB1-Q702K·RDRHLDKI	919	569
>RB1-Q702K·RDRHLDQI	201	>RB1-Q702K·RDRHLDKI	212	11
>RB1-Q702K·MRDRHLDQI	185	>RB1-Q702K·MRDRHLDKI	362	177
>RB1-Q702K·MRDRHLDQI	465	>RB1-Q702K·MRDRHLDKI	994	529
>RB1-Q702K·MRDRHLDQI	313	>RB1-Q702K·MRDRHLDKI	940	627
>RB1-Q702K·LMRDRHLDQ	446	>RB1-Q702K·LMRDRHLDK	385	61
>RB1-Q702K·LMRDRHLDQ	549	>RB1-Q702K·LMRDRHLDK	477	72
>RB1-Q702K·LMRDRHLDQ	59	>RB1-Q702K·LMRDRHLDK	109	50
>RB1-Q702K·LMRDRHLDQ	209	>RB1-Q702K·LMRDRHLDK	3291	3082
>RB1-Q702K·LMRDRHLDQ	11	>RB1-Q702K·LMRDRHLDK	18	7
>RB1-Q702K·LMRDRHLDQ	124	>RB1-Q702K·LMRDRHLDK	641	517
>RB1-Q702K·LMRDRHLDQ	16338	>RB1-Q702K·LMRDRHLDK	75	16263
>RB1-Q702K·LMRDRHLDQ	669	>RB1-Q702K·LMRDRHLDK	7	662
>RB1-Q702K·LMRDRHLDQ	286	>RB1-Q702K·LMRDRHLDK	375	89
>RB1-Q702K·LMRDRHLDQ	331	>RB1-Q702K·LMRDRHLDK	524	193
>RB1-Q702K·LMRDRHLDQ	184	>RB1-Q702K·LMRDRHLDK	185	1
>RB1-Q702K·LMRDRHLDQ	58	>RB1-Q702K·LMRDRHLDK	102	44
>RB1-Q702K·LMRDRHLDQ	47	>RB1-Q702K·LMRDRHLDK	69	22
>RB1-Q702K·ELMRDRHLD	309	>RB1-Q702K·ELMRDRHLD	462	153
>RB1-Q702K·ELMRDRHLD	363	>RB1-Q702K·ELMRDRHLD	690	327
>RB1-Q702K·ELMRDRHLD	86	>RB1-Q702K·ELMRDRHLD	199	113
>RB1-Q702K·ELMRDRHLD	115	>RB1-Q702K·ELMRDRHLD	272	157
>RB1-Q702K·ELMRDRHLD	24950	>RB1-Q702K·ELMRDRHLD	264	24686
>RB1-Q702K·ELMRDRHLD	33218	>RB1-Q702K·ELMRDRHLD	352	32866
>RB1-Q702K·ELMRDRHLD	299	>RB1-Q702K·ELMRDRHLD	306	7
>RB1-Q702K·ELMRDRHLD	125	>RB1-Q702K·ELMRDRHLD	288	163
>RB1-R621S·RVNSTANA	175	>RB1-R621S·SVNSTANA	174	1

>RB1-R621S- RVNSTANA	35	>RB1-R621S- SVNSTANA	532	497
>RB1-R621S- RVNSTANA	4618	>RB1-R621S- SVNSTANA	316	4302
>RB1-R621S- TRVNSTANA	9930	>RB1-R621S- TSVNSTANA	97	9833
>RB1-R621S- RSPKKKGSTT	74	>RB1-R621S- RSPKKKGSTT	16710	16636
>RB1-R621S- TTRVNSTAN/	1278	>RB1-R621S- TTSVNSTANA	355	923
>RB1-R621S- TTRVNSTA	20	>RB1-R621S- TTSVNSTA	4692	4672
>RB1-R621S- TTRVNSTAN/	11	>RB1-R621S- TTSVNSTANA	1988	1977
>RB1-R621S- TTRVNSTA	3537	>RB1-R621S- TTSVNSTA	67	3470
>RB1-R621S- TTRVNSTAN/	1711	>RB1-R621S- TTSVNSTANA	115	1596
>RB1-R621S- TTRVNSTAN/	1118	>RB1-R621S- TTSVNSTANA	464	654
>RB1-R621S- STTRVNSTA	115	>RB1-R621S- STTSVNSTA	51	64
>RB1-R621S- STTRVNSTAN	50	>RB1-R621S- STTSVNSTAN	29	21
>RB1-R621S- STTRVNSTA	21	>RB1-R621S- STTSVNSTA	9	12
>RB1-R621S- STTRVNSTAN	1008	>RB1-R621S- STTSVNSTAN	418	590
>RB1-R621S- KKGSTTRV	222	>RB1-R621S- KKGSTTSV	28	194
>RB1-R621S- KKKGSTTR	144	>RB1-R621S- KKKGSTTS	820	676
>RB1-R621S- KKKGSTTRV	142	>RB1-R621S- KKKGSTTSV	19	123
>RB1-R621S- KKKGSTTRVN	818	>RB1-R621S- KKKGSTTSVN	433	385
>RB1-R621S- KKKGSTTR	345	>RB1-R621S- KKKGSTTS	27938	27593
>RB1-R621S- PKKKGSTTRV	1927	>RB1-R621S- PKKKGSTTSV	332	1595
>RB1-R621S- SPKKKGSTTR'	70	>RB1-R621S- SPKKKGSTTS'	23	47
>RB1-R621S- SPKKKGSTTR'	166	>RB1-R621S- SPKKKGSTTS'	56	110
>RB1-R661W RLNTLCERL	533	>RB1-R661W WLNTLCERL	458	75
>RB1-R661W RLNTLCERL	15	>RB1-R661W WLNTLCERL	11	4
>RB1-R661W RLNTLCERLL	158	>RB1-R661W WLNTLCERLL	121	37
>RB1-R661W RLNTLCERL	131	>RB1-R661W WLNTLCERL	109	22
>RB1-R661W RLNTLCERL	109	>RB1-R661W WLNTLCERL	85	24
>RB1-R661W RLNTLCERLL	495	>RB1-R661W WLNTLCERLL	396	99
>RB1-R661W RLNTLCERL	864	>RB1-R661W WLNTLCERL	441	423
>RB1-R661W RLNTLCERL	485	>RB1-R661W WLNTLCERL	44	441
>RB1-R661W RLNTLCERLL	3276	>RB1-R661W WLNTLCERLL	471	2805
>RB1-R661W RLNTLCERL	33	>RB1-R661W WLNTLCERL	12	21
>RB1-R661W RLNTLCERLL	174	>RB1-R661W WLNTLCERLL	48	126
>RB1-R661W RLNTLCER	448	>RB1-R661W WLNTLCER	12445	11997
>RB1-R661W RLNTLCER	12	>RB1-R661W WLNTLCER	686	674
>RB1-R661W RLNTLCERL	242	>RB1-R661W WLNTLCERL	16512	16270
>RB1-R661W RLNTLCER	1904	>RB1-R661W WLNTLCER	474	1430
>RB1-R661W RLNTLCER	84	>RB1-R661W WLNTLCER	391	307
>RB1-R661W LRLNTLCERL	18816	>RB1-R661W LWLNTLCERL	55	18761
>RB1-R661W LRLNTLCERLL	21334	>RB1-R661W LWLNTLCERL	143	21191
>RB1-R661W LRLNTLCER	6018	>RB1-R661W LWLNTLCER	131	5887
>RB1-R661W LRLNTLCERLL	472	>RB1-R661W LWLNTLCERL	6352	5880
>RB1-R661W LRLNTLCER	184	>RB1-R661W LWLNTLCER	17408	17224

>RB1-R661W LRLNTLCERL	162	>RB1-R661W LWLNTLCERL	11155	10993
>RB1-R661W LRLNTLCERLI	139	>RB1-R661W LWLNTLCERL	14929	14790
>RB1-R661W LRLNTLCERL	409	>RB1-R661W LWLNTLCERL	14402	13993
>RB1-R661W LRLNTLCERLI	34	>RB1-R661W LWLNTLCERL	19402	19368
>RB1-R661W LRLNTLCER	1908	>RB1-R661W LWLNTLCER	44	1864
>RB1-R661W LRLNTLCE	35281	>RB1-R661W LWLNTLCE	348	34933
>RB1-R661W LRLNTLCER	34077	>RB1-R661W LWLNTLCER	313	33764
>RB1-R661W LRLNTLCERLI	27662	>RB1-R661W LWLNTLCERL	107	27555
>RB1-R661W YKKVYRLAYLI	296	>RB1-R661W YKKVYRLAYLI	104	192
>RB1-R661W YKKVYRLAYLI	408	>RB1-R661W YKKVYRLAYLI	34541	34133
>RB1-R661W YLRLNTLC	13023	>RB1-R661W YLWLNNTLC	311	12712
>RB1-R661W YLRLNTLCERL	1218	>RB1-R661W YLWLNNTLCER	13	1205
>RB1-R661W YLRLNTLCERL	95	>RB1-R661W YLWLNNTLCER	34	61
>RB1-R661W YLRLNTLCERL	125	>RB1-R661W YLWLNNTLCER	244	119
>RB1-R661W YLRLNTLCERL	3564	>RB1-R661W YLWLNNTLCER	218	3346
>RB1-R661W YLRLNTLC	1213	>RB1-R661W YLWLNNTLC	11	1202
>RB1-R661W YLRLNTLCER	9460	>RB1-R661W YLWLNNTLCER	206	9254
>RB1-R661W YLRLNTLCERL	124	>RB1-R661W YLWLNNTLCER	3	121
>RB1-R661W YLRLNTLC	3471	>RB1-R661W YLWLNNTLC	53	3418
>RB1-R661W YLRLNTLCERL	288	>RB1-R661W YLWLNNTLCER	11	277
>RB1-R661W YLRLNTLC	8338	>RB1-R661W YLWLNNTLC	84	8254
>RB1-R661W YLRLNTLCERL	790	>RB1-R661W YLWLNNTLCER	8	782
>RB1-R661W YLRLNTLC	10504	>RB1-R661W YLWLNNTLC	49	10455
>RB1-R661W YLRLNTLCERL	275	>RB1-R661W YLWLNNTLCER	4	271
>RB1-R661W YLRLNTLC	31	>RB1-R661W YLWLNNTLC	8	23
>RB1-R661W YLRLNTLCER	1035	>RB1-R661W YLWLNNTLCER	84	951
>RB1-R661W YLRLNTLCERL	6	>RB1-R661W YLWLNNTLCER	3	3
>RB1-R661W YLRLNTLCER	45	>RB1-R661W YLWLNNTLCER	62	17
>RB1-R661W YLRLNTLCER	235	>RB1-R661W YLWLNNTLCER	252	17
>RB1-R661W YLRLNTLCER	567	>RB1-R661W YLWLNNTLCER	372	195
>RB1-R661W YLRLNTLCERL	233	>RB1-R661W YLWLNNTLCER	2982	2749
>RB1-R661W YLRLNTLCER	577	>RB1-R661W YLWLNNTLCER	207	370
>RB1-R661W YLRLNTLCER	419	>RB1-R661W YLWLNNTLCER	45	374
>RB1-R661W AYLRNLNTL	4	>RB1-R661W AYLWLNNTL	15	11
>RB1-R661W AYLRNLNTL	318	>RB1-R661W AYLWLNNTL	272	46
>RB1-R661W AYLRNLNTL	160	>RB1-R661W AYLWLNNTL	129	31
>RB1-R661W AYLRNLNTL	6	>RB1-R661W AYLWLNNTL	6	0
>RB1-R661W AYLRNLNTLCEI	15	>RB1-R661W AYLWLNNTLCE	15	0
>RB1-R661W AYLRNLNTL	637	>RB1-R661W AYLWLNNTL	181	456
>RB1-R661W AYLRNLNTLCEI	222	>RB1-R661W AYLWLNNTLCE	133	89
>RB1-R661W AYLRNLNTLCEI	97	>RB1-R661W AYLWLNNTLCE	36	61
>RB1-R661W AYLRNLNTL	357	>RB1-R661W AYLWLNNTL	120	237
>RB1-R661W AYLRNLNTL	393	>RB1-R661W AYLWLNNTL	55	338

>RB1-R661W AYLRLNTLC	1921	>RB1-R661W AYLWLNTLC	152	1769
>RB1-R661W LAYLRLNNTL	14	>RB1-R661W LAYLWLNNTL	15	1
>RB1-R661W LAYLRLNNTL	339	>RB1-R661W LAYLWLNNTL	180	159
>RB1-R661W LAYLRLNNTL	4278	>RB1-R661W LAYLWLNNTL	170	4108
>RB1-R661W LAYLRLNNTL	3147	>RB1-R661W LAYLWLNNTL	335	2812
>RB1-R661W LAYLRLNNTL	7068	>RB1-R661W LAYLWLNNTL	335	6733
>RB1-R661W LAYLRLNNTL	60	>RB1-R661W LAYLWLNNTL	3245	3185
>RB1-R661W LAYLRLNNTL	34	>RB1-R661W LAYLWLNNTL	47	13
>RB1-R661W LAYLRLNNTL	2900	>RB1-R661W LAYLWLNNTL	348	2552
>RB1-R661W LAYLRLNNTL	969	>RB1-R661W LAYLWLNNTL	274	695
>RB1-R661W RLAYLRLNNTL	107	>RB1-R661W RLAYLWLNNTL	53	54
>RB1-R661W RLAYLRLNNTL	35	>RB1-R661W RLAYLWLNNTL	26	9
>RB1-R661W RLAYLRLNNTL	1104	>RB1-R661W RLAYLWLNT	445	659
>RB1-R661W RLAYLRLNNTL	49	>RB1-R661W RLAYLWLNNTL	52	3
>RB1-R661W RLAYLRLNNTL	386	>RB1-R661W RLAYLWLNNTL	203	183
>RB1-R661W RLAYLRLNNTL	356	>RB1-R661W RLAYLWLNNTL	35	321
>RB1-R661W RLAYLRLNNTL	189	>RB1-R661W RLAYLWLNNTL	59	130
>RB1-R661W RLAYLRLNNTL	238	>RB1-R661W RLAYLWLNNTL	34	204
>RB1-R661W RLAYLRLNNTL	1762	>RB1-R661W RLAYLWLNNTL	234	1528
>RB1-R661W RLAYLRLNNTL	32	>RB1-R661W RLAYLWLNNTL	26	6
>RB1-R661W RLAYLRLNNTL	32	>RB1-R661W RLAYLWLNNTL	52	20
>RB1-R661W RLAYLRLNNTL	864	>RB1-R661W RLAYLWLNNTL	475	389
>RB1-R661W RLAYLRLNNTL	366	>RB1-R661W RLAYLWLNNTL	432	66
>RB1-R661W RLAYLRLNNTL	1088	>RB1-R661W RLAYLWLNNTL	160	928
>RB1-R661W YRLAYLRLNNTI	934	>RB1-R661W YRLAYLWLNT	132	802
>RB1-R661W YRLAYLRLNNTI	3312	>RB1-R661W YRLAYLWLNT	475	2837
>RB1-R661W YRLAYLRLNNTI	424	>RB1-R661W YRLAYLWLNT	1200	776
>RB1-R661W YRLAYLRL	179	>RB1-R661W YRLAYLWL	266	87
>RB1-R661W YRLAYLRLNNTI	123	>RB1-R661W YRLAYLWLNT	113	10
>RB1-R661W YRLAYLRL	21	>RB1-R661W YRLAYLWL	29	8
>RB1-R661W YRLAYLRLN	224	>RB1-R661W YRLAYLWLN	132	92
>RB1-R661W YRLAYLRLNNT	147	>RB1-R661W YRLAYLWLNT	84	63
>RB1-R661W YRLAYLRLNNTI	35	>RB1-R661W YRLAYLWLNT	28	7
>RB1-R661W YRLAYLRL	42	>RB1-R661W YRLAYLWL	50	8
>RB1-R661W YRLAYLRLNNTI	23	>RB1-R661W YRLAYLWLNT	10	13
>RB1-R661W YRLAYLRL	385	>RB1-R661W YRLAYLWL	400	15
>RB1-R661W YRLAYLRLNNTI	91	>RB1-R661W YRLAYLWLNT	81	10
>RB1-R661W YRLAYLRL	187	>RB1-R661W YRLAYLWL	203	16
>RB1-R661W YRLAYLRLNNT	500	>RB1-R661W YRLAYLWLNT	225	275
>RB1-R661W YRLAYLRLNNTI	10	>RB1-R661W YRLAYLWLNT	23	13
>RB1-R661W VYRLAYLRL	137	>RB1-R661W VYRLAYLWL	563	426
>RB1-R661W VYRLAYLR	5195	>RB1-R661W VYRLAYLW	108	5087
>RB1-R661W VYRLAYLRL	205	>RB1-R661W VYRLAYLWL	243	38

>RB1-R661W VYRLAYLR	3584	>RB1-R661W VYRLAYLW	90	3494
>RB1-R661W VYRLAYLRL	185	>RB1-R661W VYRLAYLWL	218	33
>RB1-R661W VYRLAYLR	6476	>RB1-R661W VYRLAYLW	97	6379
>RB1-R661W VYRLAYLRL	42	>RB1-R661W VYRLAYLWL	16	26
>RB1-R661W VYRLAYLR	198	>RB1-R661W VYRLAYLW	3670	3472
>RB1-R661W VYRLAYLRL	44	>RB1-R661W VYRLAYLWL	44	0
>RB1-R661W VYRLAYLRLN	249	>RB1-R661W VYRLAYLWLN	213	36
>RB1-R661W VYRLAYLR	21	>RB1-R661W VYRLAYLW	14767	14746
>RB1-R661W VYRLAYLR	31	>RB1-R661W VYRLAYLW	16636	16605
>RB1-R661W VYRLAYLR	45	>RB1-R661W VYRLAYLW	20842	20797
>RB1-R661W KVYRLAYLRL	233	>RB1-R661W KVYRLAYLWL	202	31
>RB1-R661W KVYRLAYLRL	376	>RB1-R661W KVYRLAYLWL	304	72
>RB1-R661W KVYRLAYLRL	579	>RB1-R661W KVYRLAYLWL	202	377
>RB1-R661W KVYRLAYLRL	231	>RB1-R661W KVYRLAYLWL	199	32
>RB1-R661W KVYRLAYLRL	859	>RB1-R661W KVYRLAYLWL	356	503
>RB1-R661W KVYRLAYLRL	497	>RB1-R661W KVYRLAYLWL	319	178
>RB1-R661W KVYRLAYLR	49	>RB1-R661W KVYRLAYLW	7063	7014
>RB1-R661W KVYRLAYLR	16	>RB1-R661W KVYRLAYLW	10947	10931
>RB1-R661W KVYRLAYLR	311	>RB1-R661W KVYRLAYLW	4856	4545
>RB1-R661W KVYRLAYLRL	92	>RB1-R661W KVYRLAYLWL	96	4
>RB1-R661W KVYRLAYLR	6	>RB1-R661W KVYRLAYLW	1311	1305
>RB1-R661W KVYRLAYLR	196	>RB1-R661W KVYRLAYLW	7	189
>RB1-R661W KVYRLAYLRL	39	>RB1-R661W KVYRLAYLWL	60	21
>RB1-R661W KVYRLAYLR	25	>RB1-R661W KVYRLAYLW	13967	13942
>RB1-R661W KVYRLAYLR	15642	>RB1-R661W KVYRLAYLW	22	15620
>RB1-R661W KVYRLAYLRL	50	>RB1-R661W KVYRLAYLWL	72	22
>RB1-R661W KVYRLAYLR	13368	>RB1-R661W KVYRLAYLW	40	13328
>RB1-R661W KVYRLAYLR	13482	>RB1-R661W KVYRLAYLW	10	13472
>RB1-R661W KVYRLAYLRL	77	>RB1-R661W KVYRLAYLWL	188	111
>RB1-R661W KVYRLAYLR	4873	>RB1-R661W KVYRLAYLW	202	4671
>RB1-R661W KVYRLAYLRL	3566	>RB1-R661W KVYRLAYLWL	426	3140
>RB1-R661W KVYRLAYLRL	1228	>RB1-R661W KVYRLAYLWL	412	816
>RB1-R661W KVYRLAYLR	12	>RB1-R661W KVYRLAYLW	3111	3099
>RB1-R661W KKVYRLAYLR	62	>RB1-R661W KKVYRLAYLW	17917	17855
>RB1-R661W KKVYRLAYLR	820	>RB1-R661W KKVYRLAYLW	354	466
>RB1-R661W KKVYRLAYLRI	62	>RB1-R661W KKVYRLAYLW	94	32
>RB1-R661W KKVYRLAYLR	21889	>RB1-R661W KKVYRLAYLW	488	21401
>RB1-R661W KKVYRLAYLRI	576	>RB1-R661W KKVYRLAYLW	415	161
>RB1-R661W KKVYRLAYLRI	715	>RB1-R661W KKVYRLAYLW	320	395
>RB1-R661W KKVYRLAYLR	54	>RB1-R661W KKVYRLAYLW	20148	20094
>RB1-R698W RHLDQIMM	327	>RB1-R698W WHLDQIMM	739	412
>RB1-R698W RHLDQIMMC	131	>RB1-R698W WHLDQIMM	306	175
>RB1-R698W RHLDQIMM	1011	>RB1-R698W WHLDQIMM	119	892

>RB1-R698W RHLDQIMMC	636	>RB1-R698W WHLDQIMM	77	559
>RB1-R698W LQNEYELMRI	32982	>RB1-R698W LQNEYELMRI	254	32728
>RB1-R698W RDRHLDQI	476	>RB1-R698W RDWHLDQI	573	97
>RB1-R698W RDRHLDQIM	357	>RB1-R698W RDWHLDQIM	441	84
>RB1-R698W RDRHLDQIM	396	>RB1-R698W RDWHLDQIM	1757	1361
>RB1-R698W RDRHLDQIM	350	>RB1-R698W RDWHLDQIM	6347	5997
>RB1-R698W RDRHLDQI	350	>RB1-R698W RDWHLDQI	228	122
>RB1-R698W RDRHLDQI	1971	>RB1-R698W RDWHLDQI	148	1823
>RB1-R698W RDRHLDQI	201	>RB1-R698W RDWHLDQI	92	109
>RB1-R698W MRDRHLDQI	185	>RB1-R698W MRDWHLDC	85	100
>RB1-R698W MRDRHLDQI	1126	>RB1-R698W MRDWHLDC	293	833
>RB1-R698W MRDRHLDQI	1245	>RB1-R698W MRDWHLDC	371	874
>RB1-R698W MRDRHLDQI	465	>RB1-R698W MRDWHLDC	422	43
>RB1-R698W MRDRHLDQI	313	>RB1-R698W MRDWHLDC	197	116
>RB1-R698W LMRDRHLDQ	446	>RB1-R698W LMRDWHLDC	65	381
>RB1-R698W LMRDRHLDQ	549	>RB1-R698W LMRDWHLDC	109	440
>RB1-R698W LMRDRHLDQ	3807	>RB1-R698W LMRDWHLDC	485	3322
>RB1-R698W LMRDRHLDQ	59	>RB1-R698W LMRDWHLDC	8	51
>RB1-R698W LMRDRHLDQ	3357	>RB1-R698W LMRDWHLDC	382	2975
>RB1-R698W LMRDRHLDQ	1079	>RB1-R698W LMRDWHLDC	215	864
>RB1-R698W LMRDRHLDQ	2165	>RB1-R698W LMRDWHLDC	289	1876
>RB1-R698W LMRDRHLDQ	3872	>RB1-R698W LMRDWHLDC	428	3444
>RB1-R698W LMRDRHLDQ	209	>RB1-R698W LMRDWHLDC	23	186
>RB1-R698W LMRDRHLDQ	11	>RB1-R698W LMRDWHLDC	5	6
>RB1-R698W LMRDRHLDQ	124	>RB1-R698W LMRDWHLDC	40	84
>RB1-R698W LMRDRHLDQ	1936	>RB1-R698W LMRDWHLDC	195	1741
>RB1-R698W LMRDRHLDQ	286	>RB1-R698W LMRDWHLDC	756	470
>RB1-R698W LMRDRHLDQ	331	>RB1-R698W LMRDWHLDC	674	343
>RB1-R698W LMRDRHLDQ	184	>RB1-R698W LMRDWHLDC	2500	2316
>RB1-R698W LMRDRHLDQ	645	>RB1-R698W LMRDWHLDC	416	229
>RB1-R698W LMRDRHLDQ	58	>RB1-R698W LMRDWHLDC	44	14
>RB1-R698W LMRDRHLDQ	47	>RB1-R698W LMRDWHLDC	40	7
>RB1-R698W LMRDRHLDQ	897	>RB1-R698W LMRDWHLDC	377	520
>RB1-R698W ELMRDRHL	1060	>RB1-R698W ELMRDWHL	76	984
>RB1-R698W ELMRDRHLDI	309	>RB1-R698W ELMRDWHL	143	166
>RB1-R698W ELMRDRHLDI	790	>RB1-R698W ELMRDWHL	448	342
>RB1-R698W ELMRDRHL	10866	>RB1-R698W ELMRDWHL	151	10715
>RB1-R698W ELMRDRHL	1912	>RB1-R698W ELMRDWHL	86	1826
>RB1-R698W ELMRDRHLDI	363	>RB1-R698W ELMRDWHL	72	291
>RB1-R698W ELMRDRHL	1725	>RB1-R698W ELMRDWHL	38	1687
>RB1-R698W ELMRDRHLDI	696	>RB1-R698W ELMRDWHL	329	367
>RB1-R698W ELMRDRHL	3433	>RB1-R698W ELMRDWHL	75	3358
>RB1-R698W ELMRDRHL	855	>RB1-R698W ELMRDWHL	21	834



>RB1-R698W ELMRDRHLDI	86	>RB1-R698W ELMRDWHL	23	63
>RB1-R698W ELMRDRHL	158	>RB1-R698W ELMRDWHL	15	143
>RB1-R698W ELMRDRHLDI	115	>RB1-R698W ELMRDWHL	96	19
>RB1-R698W ELMRDRHL	908	>RB1-R698W ELMRDWHL	456	452
>RB1-R698W ELMRDRHLDI	760	>RB1-R698W ELMRDWHL	465	295
>RB1-R698W ELMRDRHL	1310	>RB1-R698W ELMRDWHL	200	1110
>RB1-R698W ELMRDRHLDI	299	>RB1-R698W ELMRDWHL	290	9
>RB1-R698W ELMRDRHL	2479	>RB1-R698W ELMRDWHL	291	2188
>RB1-R698W ELMRDRHLDI	125	>RB1-R698W ELMRDWHL	66	59
>RB1-R698W ELMRDRHL	204	>RB1-R698W ELMRDWHL	212	8
>RB1-R698W YELMRDRHL	169	>RB1-R698W YELMRDWHL	430	261
>RB1-R698W YELMRDRHL	8574	>RB1-R698W YELMRDWHL	162	8412
>RB1-R698W YELMRDRHL	206	>RB1-R698W YELMRDWHL	104	102
>RB1-R698W YELMRDRHL	1437	>RB1-R698W YELMRDWHL	91	1346
>RB1-R698W YELMRDRHL	421	>RB1-R698W YELMRDWHL	48	373
>RB1-R698W YELMRDRHL	611	>RB1-R698W YELMRDWHL	239	372
>RB1-R698W YELMRDRHL	133	>RB1-R698W YELMRDWHL	43	90
>RB1-R698W EYELMRDRHI	681	>RB1-R698W EYELMRDWH	402	279
>RB1-R698W EYELMRDRHI	869	>RB1-R698W EYELMRDWH	245	624
>RB1-R698W EYELMRDRHI	2448	>RB1-R698W EYELMRDWH	291	2157
>RB1-R698W EYELMRDR	141	>RB1-R698W EYELMRDW	28113	27972
>RB1-R698W EYELMRDR	230	>RB1-R698W EYELMRDW	33453	33223
>RB1-R698W EYELMRDRHI	1298	>RB1-R698W EYELMRDWH	281	1017
>RB1-R698W NEYELMRDR	1033	>RB1-R698W NEYELMRDW	24	1009
>RB1-R698W NEYELMRDR	1768	>RB1-R698W NEYELMRDW	421	1347
>RB1-R698W NEYELMRDR	22	>RB1-R698W NEYELMRDW	44	22
>RB1-R698W NEYELMRDR	168	>RB1-R698W NEYELMRDW	21	147
>RB1-R698W NEYELMRDR	56	>RB1-R698W NEYELMRDW	16	40
>RB1-R698W NEYELMRDR	912	>RB1-R698W NEYELMRDW	282	630
>RB1-R698W NEYELMRDR	547	>RB1-R698W NEYELMRDW	284	263
>RB1-R698W NEYELMRDR	3514	>RB1-R698W NEYELMRDW	52	3462
>RB1-R698W NEYELMRDR	1244	>RB1-R698W NEYELMRDW	12	1232
>RB1-R698W NEYELMRDR	373	>RB1-R698W NEYELMRDW	172	201
>RB1-R698W NEYELMRDR	2068	>RB1-R698W NEYELMRDW	203	1865
>RB1-R698W NEYELMRDR	111	>RB1-R698W NEYELMRDW	49	62
>RB1-R798W RIPGGNIYI	95	>RB1-R798W WIPGGNIYI	46	49
>RB1-R798W RIPGGNIYI	47	>RB1-R798W WIPGGNIYI	33	14
>RB1-R798W RIPGGNIYI	579	>RB1-R798W WIPGGNIYI	251	328
>RB1-R798W RIPGGNIYI	3079	>RB1-R798W WIPGGNIYI	265	2814
>RB1-R798W RIPGGNIYI	360	>RB1-R798W WIPGGNIYI	61	299
>RB1-R798W RIPGGNIY	1934	>RB1-R798W WIPGGNIY	317	1617
>RB1-R798W RIPGGNIY	1147	>RB1-R798W WIPGGNIY	278	869
>RB1-R798W RIPGGNIY	243	>RB1-R798W WIPGGNIY	947	704

>RB1-R798W RIPGGNIYI	208	>RB1-R798W WIPGGNIYI	11743	11535
>RB1-R798W RIPGGNIYI	2327	>RB1-R798W WIPGGNIYI	65	2262
>RB1-R798W RIPGGNIY	721	>RB1-R798W WIPGGNIY	99	622
>RB1-R798W RIPGGNIYI	177	>RB1-R798W WIPGGNIYI	964	787
>RB1-R798W RIPGGNIY	458	>RB1-R798W WIPGGNIY	1124	666
>RB1-R798W RIPGGNIY	1516	>RB1-R798W WIPGGNIY	429	1087
>RB1-R798W LRIPGGNI	19275	>RB1-R798W LWIPGGNI	81	19194
>RB1-R798W LRIPGGNIYI	18314	>RB1-R798W LWIPGGNIYI	33	18281
>RB1-R798W LRIPGGNIY	593	>RB1-R798W LWIPGGNIY	23	570
>RB1-R798W LRIPGGNIY	256	>RB1-R798W LWIPGGNIY	45	211
>RB1-R798W LRIPGGNIY	26	>RB1-R798W LWIPGGNIY	652	626
>RB1-R798W LRIPGGNIYI	402	>RB1-R798W LWIPGGNIYI	6558	6156
>RB1-R798W LRIPGGNIYI	281	>RB1-R798W LWIPGGNIYI	17343	17062
>RB1-R798W LRIPGGNIY	487	>RB1-R798W LWIPGGNIY	533	46
>RB1-R798W LRIPGGNIYI	492	>RB1-R798W LWIPGGNIYI	16580	16088
>RB1-R798W LRIPGGNI	28926	>RB1-R798W LWIPGGNI	200	28726
>RB1-R798W LRIPGGNIY	32168	>RB1-R798W LWIPGGNIY	206	31962
>RB1-R798W LRIPGGNIYI	23130	>RB1-R798W LWIPGGNIYI	148	22982
>RB1-R798W LRIPGGNIYIS	32612	>RB1-R798W LWIPGGNIYIS	318	32294
>RB1-R798W SPYKFPSSPLR	207	>RB1-R798W SPYKFPSSPLV	27950	27743
>RB1-R798W SPYKFPSSPLR	16211	>RB1-R798W SPYKFPSSPLV	22	16189
>RB1-R798W SPYKFPSSPLR	19216	>RB1-R798W SPYKFPSSPLV	12	19204
>RB1-R798W SPYKFPSSPLR	146	>RB1-R798W SPYKFPSSPLV	26825	26679
>RB1-R798W PLRIPGGNI	7976	>RB1-R798W PLWIPGGNI	131	7845
>RB1-R798W PLRIPGGNIYI	917	>RB1-R798W PLWIPGGNIYI	12	905
>RB1-R798W PLRIPGGNIYI	6000	>RB1-R798W PLWIPGGNIYI	78	5922
>RB1-R798W PLRIPGGNIYI	11036	>RB1-R798W PLWIPGGNIYI	333	10703
>RB1-R798W PLRIPGGNIYI	1075	>RB1-R798W PLWIPGGNIYI	145	930
>RB1-R798W PLRIPGGNIY	724	>RB1-R798W PLWIPGGNIY	107	617
>RB1-R798W PLRIPGGNIY	97	>RB1-R798W PLWIPGGNIY	106	9
>RB1-R798W SPLRIPGGNI	175	>RB1-R798W SPLWIPGGNI	971	796
>RB1-R798W SPLRIPGGNIY	1121	>RB1-R798W SPLWIPGGNIY	250	871
>RB1-R798W SPLRIPGGNI	1020	>RB1-R798W SPLWIPGGNI	283	737
>RB1-R798W SPLRIPGGNI	134	>RB1-R798W SPLWIPGGNI	315	181
>RB1-R798W SPLRIPGGNIY	125	>RB1-R798W SPLWIPGGNIY	55	70
>RB1-R798W SPLRIPGGNIY	186	>RB1-R798W SPLWIPGGNIY	183	3
>RB1-R798W SSPLRIPGGNI	396	>RB1-R798W SSPLWIPGGNI	292	104
>RB1-R798W SSPLRIPGG	1271	>RB1-R798W SSPLWIPGG	240	1031
>RB1-R798W SSPLRIPGGNI	23	>RB1-R798W SSPLWIPGGNI	10	13
>RB1-R798W SSPLRIPGGNI	80	>RB1-R798W SSPLWIPGGNI	62	18
>RB1-R798W FPSSPLRI	274	>RB1-R798W FPSSPLWI	272	2
>RB1-R798W FPSSPLRIPG	2568	>RB1-R798W FPSSPLWIPG	275	2293
>RB1-R798W FPSSPLRI	91	>RB1-R798W FPSSPLWI	72	19

>RB1-R798W FPSSPLRI	37	>RB1-R798W FPSSPLWI	31	6
>RB1-R798W FPSSPLRI	343	>RB1-R798W FPSSPLWI	432	89
>RB1-R798W FPSSPLRIP	97	>RB1-R798W FPSSPLWIP	74	23
>RB1-R798W FPSSPLRIPG	212	>RB1-R798W FPSSPLWIPG	68	144
>RB1-R798W FPSSPLRIPGC	217	>RB1-R798W FPSSPLWIPG	127	90
>RB1-R798W KFPSSPLR	10792	>RB1-R798W KFPSSPLW	278	10514
>RB1-R798W KFPSSPLRI	117	>RB1-R798W KFPSSPLWI	230	113
>RB1-R798W KFPSSPLR	4862	>RB1-R798W KFPSSPLW	117	4745
>RB1-R798W KFPSSPLRI	117	>RB1-R798W KFPSSPLWI	122	5
>RB1-R798W KFPSSPLR	8726	>RB1-R798W KFPSSPLW	140	8586
>RB1-R798W KFPSSPLRI	206	>RB1-R798W KFPSSPLWI	74	132
>RB1-R798W KFPSSPLR	36	>RB1-R798W KFPSSPLW	15710	15674
>RB1-R798W KFPSSPLRI	3302	>RB1-R798W KFPSSPLWI	427	2875
>RB1-R798W KFPSSPLR	18	>RB1-R798W KFPSSPLW	12575	12557
>RB1-R798W KFPSSPLR	1081	>RB1-R798W KFPSSPLW	497	584
>RB1-R798W KFPSSPLRI	406	>RB1-R798W KFPSSPLWI	219	187
>RB1-R798W YKFPSSPLRI	789	>RB1-R798W YKFPSSPLWI	266	523
>RB1-R798W YKFPSSPLR	64	>RB1-R798W YKFPSSPLW	21511	21447
>RB1-R798W YKFPSSPLR	17	>RB1-R798W YKFPSSPLW	9	8
>RB1-R798W YKFPSSPLRI	5	>RB1-R798W YKFPSSPLWI	6	1
>RB1-R798W YKFPSSPLRIP	57	>RB1-R798W YKFPSSPLWIF	59	2
>RB1-R798W YKFPSSPLR	21732	>RB1-R798W YKFPSSPLW	25	21707
>RB1-R798W YKFPSSPLRI	296	>RB1-R798W YKFPSSPLWI	569	273
>RB1-R798W YKFPSSPLR	22128	>RB1-R798W YKFPSSPLW	372	21756
>RB1-R798W YKFPSSPLR	31783	>RB1-R798W YKFPSSPLW	277	31506
>RB1-R798W YKFPSSPLR	20988	>RB1-R798W YKFPSSPLW	25	20963
>RB1-R798W YKFPSSPLR	407	>RB1-R798W YKFPSSPLW	31242	30835
>RB1-R798W PYKFPSSPLR	19361	>RB1-R798W PYKFPSSPLW	58	19303
>RB1-R798W PYKFPSSPLR	17867	>RB1-R798W PYKFPSSPLW	111	17756
>RB1-R798W PYKFPSSPLRI	478	>RB1-R798W PYKFPSSPLW	522	44
>RB1-R798W PYKFPSSPLR	183	>RB1-R798W PYKFPSSPLW	31759	31576
>RB1-S127I-v SVHKFFNL	12	>RB1-S127I-r IVHKFFNL	6	6
>RB1-S127I-v SVHKFFNLL	14	>RB1-S127I-r IVHKFFNLL	9	5
>RB1-S127I-v SVHKFFNL	231	>RB1-S127I-r IVHKFFNL	263	32
>RB1-S127I-v SVHKFFNLL	69	>RB1-S127I-r IVHKFFNLL	106	37
>RB1-S127I-v SVHKFFNL	143	>RB1-S127I-r IVHKFFNL	153	10
>RB1-S127I-v SVHKFFNLL	174	>RB1-S127I-r IVHKFFNLL	154	20
>RB1-S127I-v SVHKFFNLLK	46	>RB1-S127I-r IVHKFFNLLK	43	3
>RB1-S127I-v SVHKFFNLLK	13	>RB1-S127I-r IVHKFFNLLK	32	19
>RB1-S127I-v SVHKFFNLL	466	>RB1-S127I-r IVHKFFNLL	715	249
>RB1-S127I-v SVHKFFNL	111	>RB1-S127I-r IVHKFFNL	299	188
>RB1-S127I-v SVHKFFNLL	53	>RB1-S127I-r IVHKFFNLL	128	75
>RB1-S127I-v SVHKFFNLLK	4	>RB1-S127I-r IVHKFFNLLK	5	1

>RB1-S127I-v SVHKFFNLLK	191	>RB1-S127I-r IVHKFFNLLK	283	92
>RB1-S127I-v SVHKFFNLLK	52	>RB1-S127I-r IVHKFFNLLK	98	46
>RB1-S127I-v SVHKFFNL	86	>RB1-S127I-r IVHKFFNL	382	296
>RB1-S127I-v SVHKFFNLL	55	>RB1-S127I-r IVHKFFNLL	227	172
>RB1-S127I-v SVHKFFNL	408	>RB1-S127I-r IVHKFFNL	1053	645
>RB1-S127I-v SVHKFFNLL	430	>RB1-S127I-r IVHKFFNLL	1120	690
>RB1-S127I-v SVHKFFNLL	388	>RB1-S127I-r IVHKFFNLL	362	26
>RB1-S127I-v SVHKFFNLL	129	>RB1-S127I-r IVHKFFNLL	100	29
>RB1-S127I-v SVHKFFNLLK	374	>RB1-S127I-r IVHKFFNLLK	1087	713
>RB1-S127I-v SVHKFFNLLK	219	>RB1-S127I-r IVHKFFNLLK	696	477
>RB1-S127I-v SVHKFFNLLK	277	>RB1-S127I-r IVHKFFNLLK	223	54
>RB1-S127I-v ISVHKFFNL	30	>RB1-S127I-r IIVHKFFNL	51	21
>RB1-S127I-v ISVHKFFNL	8762	>RB1-S127I-r IIVHKFFNL	324	8438
>RB1-S127I-v ISVHKFFNL	924	>RB1-S127I-r IIVHKFFNL	70	854
>RB1-S127I-v ISVHKFFNL	6976	>RB1-S127I-r IIVHKFFNL	274	6702
>RB1-S127I-v ISVHKFFNL	539	>RB1-S127I-r IIVHKFFNL	17	522
>RB1-S127I-v ISVHKFFNLL	2948	>RB1-S127I-r IIVHKFFNLL	340	2608
>RB1-S127I-v ISVHKFFNL	22688	>RB1-S127I-r IIVHKFFNL	381	22307
>RB1-S127I-v ISVHKFFNLLK	80	>RB1-S127I-r IIVHKFFNLLK	53	27
>RB1-S127I-v ISVHKFFNLLK	15	>RB1-S127I-r IIVHKFFNLLK	23	8
>RB1-S127I-v ISVHKFFNLLK	143	>RB1-S127I-r IIVHKFFNLLK	351	208
>RB1-S127I-v ISVHKFFNLLK	456	>RB1-S127I-r IIVHKFFNLLK	845	389
>RB1-S127I-v ISVHKFFNLLK	113	>RB1-S127I-r IIVHKFFNLLK	117	4
>RB1-S127I-v ISVHKFFNL	708	>RB1-S127I-r IIVHKFFNL	475	233
>RB1-S127I-v ISVHKFFNL	368	>RB1-S127I-r IIVHKFFNL	2296	1928
>RB1-S127I-v ISVHKFFNLL	363	>RB1-S127I-r IIVHKFFNLL	1863	1500
>RB1-S127I-v ISVHKFFNL	8	>RB1-S127I-r IIVHKFFNL	2157	2149
>RB1-S127I-v ISVHKFFNLL	60	>RB1-S127I-r IIVHKFFNLL	7987	7927
>RB1-S127I-v ISVHKFFNLL	64	>RB1-S127I-r IIVHKFFNLL	2222	2158
>RB1-S127I-v ISVHKFFNL	489	>RB1-S127I-r IIVHKFFNL	7452	6963
>RB1-S127I-v ISVHKFFNLLK	158	>RB1-S127I-r IIVHKFFNLLK	1228	1070
>RB1-S127I-v ISVHKFFNLLK	2337	>RB1-S127I-r IIVHKFFNLLK	336	2001
>RB1-S127I-v LLSYRKTYEIS	2570	>RB1-S127I-r LLSYRKTYEII	52	2518
>RB1-S127I-v LLSYRKTYEIS	5528	>RB1-S127I-r LLSYRKTYEII	96	5432
>RB1-S127I-v LLSYRKTYEIS	9398	>RB1-S127I-r LLSYRKTYEII	115	9283
>RB1-S127I-v LLSYRKTYEIS	6261	>RB1-S127I-r LLSYRKTYEII	439	5822
>RB1-S127I-v EISVHKFFNLL	1797	>RB1-S127I-r EIIVHKFFNLL	374	1423
>RB1-S127I-v EISVHKFF	3778	>RB1-S127I-r EIIVHKFF	232	3546
>RB1-S127I-v EISVHKFF	264	>RB1-S127I-r EIIVHKFF	7	257
>RB1-S127I-v EISVHKFFNL	4922	>RB1-S127I-r EIIVHKFFNL	66	4856
>RB1-S127I-v EISVHKFFNLL	5813	>RB1-S127I-r EIIVHKFFNLL	93	5720
>RB1-S127I-v EISVHKFFNL	350	>RB1-S127I-r EIIVHKFFNL	335	15
>RB1-S127I-v EISVHKFFNLL	81	>RB1-S127I-r EIIVHKFFNLL	49	32

>RB1-S127I-v EISVHKFFNL	95	>RB1-S127I-r EIIVHKFFNL	30	65
>RB1-S127I-v EISVHKFFNLL	222	>RB1-S127I-r EIIVHKFFNLL	65	157
>RB1-S127I-v YEISVHKF	235	>RB1-S127I-r YEIIVHKF	85	150
>RB1-S127I-v YEISVHKFF	72	>RB1-S127I-r YEIIVHKFF	32	40
>RB1-S127I-v YEISVHKFFNL	331	>RB1-S127I-r YEIIVHKFFNL	175	156
>RB1-S127I-v YEISVHKFFNL	367	>RB1-S127I-r YEIIVHKFFNL	509	142
>RB1-S127I-v YEISVHKF	184	>RB1-S127I-r YEIIVHKF	377	193
>RB1-S127I-v YEISVHKFF	452	>RB1-S127I-r YEIIVHKFF	1350	898
>RB1-S127I-v YEISVHKF	20	>RB1-S127I-r YEIIVHKF	103	83
>RB1-S127I-v YEISVHKFF	15	>RB1-S127I-r YEIIVHKFF	75	60
>RB1-S127I-v YEISVHKFFNL	396	>RB1-S127I-r YEIIVHKFFNL	1563	1167
>RB1-S127I-v YEISVHKF	8	>RB1-S127I-r YEIIVHKF	7	1
>RB1-S127I-v YEISVHKFF	9	>RB1-S127I-r YEIIVHKFF	8	1
>RB1-S127I-v YEISVHKFFNL	78	>RB1-S127I-r YEIIVHKFFNL	76	2
>RB1-S127I-v YEISVHKFFNL	377	>RB1-S127I-r YEIIVHKFFNL	1510	1133
>RB1-S127I-v YEISVHKF	38	>RB1-S127I-r YEIIVHKF	74	36
>RB1-S127I-v YEISVHKFF	43	>RB1-S127I-r YEIIVHKFF	111	68
>RB1-S127I-v YEISVHKFFNL	7	>RB1-S127I-r YEIIVHKFFNL	10	3
>RB1-S127I-v YEISVHKF	540	>RB1-S127I-r YEIIVHKF	378	162
>RB1-S127I-v YEISVHKFF	449	>RB1-S127I-r YEIIVHKFF	243	206
>RB1-S127I-v YEISVHKFFNL	66	>RB1-S127I-r YEIIVHKFFNL	46	20
>RB1-S127I-v YEISVHKF	299	>RB1-S127I-r YEIIVHKF	403	104
>RB1-S127I-v YEISVHKFF	181	>RB1-S127I-r YEIIVHKFF	254	73
>RB1-S127I-v YEISVHKF	50	>RB1-S127I-r YEIIVHKF	76	26
>RB1-S127I-v YEISVHKFF	24	>RB1-S127I-r YEIIVHKFF	36	12
>RB1-S127I-v YEISVHKFFNL	154	>RB1-S127I-r YEIIVHKFFNL	235	81
>RB1-S127I-v YEISVHKFF	460	>RB1-S127I-r YEIIVHKFF	2338	1878
>RB1-S127I-v YEISVHKF	421	>RB1-S127I-r YEIIVHKF	229	192
>RB1-S127I-v YEISVHKFF	104	>RB1-S127I-r YEIIVHKFF	131	27
>RB1-S127I-v YEISVHKFFNL	11	>RB1-S127I-r YEIIVHKFFNL	11	0
>RB1-S127I-v TYEISVHKF	26	>RB1-S127I-r TYEIVHKF	15	11
>RB1-S127I-v TYEISVHKFF	109	>RB1-S127I-r TYEIVHKFF	135	26
>RB1-S127I-v TYEISVHKF	130	>RB1-S127I-r TYEIVHKF	52	78
>RB1-S127I-v TYEISVHKFF	115	>RB1-S127I-r TYEIVHKFF	207	92
>RB1-S127I-v TYEISVHKF	11	>RB1-S127I-r TYEIVHKF	9	2
>RB1-S127I-v TYEISVHKFF	13	>RB1-S127I-r TYEIVHKFF	14	1
>RB1-S127I-v TYEISVHKFF	149	>RB1-S127I-r TYEIVHKFF	141	8
>RB1-S127I-v TYEISVHK	876	>RB1-S127I-r TYEIVHK	493	383
>RB1-S127I-v TYEISVHK	404	>RB1-S127I-r TYEIVHK	191	213
>RB1-S127I-v KTYEISVHKFF	366	>RB1-S127I-r KTYEIVHKFF	324	42
>RB1-S127I-v KTYEISVHKF	1229	>RB1-S127I-r KTYEIVHKF	443	786
>RB1-S127I-v KTYEISVH	151	>RB1-S127I-r KTYEIVH	136	15
>RB1-S127I-v KTYEISVHK	28	>RB1-S127I-r KTYEIVHK	28	0

>RB1-S127I-v KTYEISVH	674	>RB1-S127I-r KTYEIIVH	331	343
>RB1-S127I-v KTYEISVHK	15	>RB1-S127I-r KTYEIIVHK	13	2
>RB1-S127I-v KTYEISVHKF	476	>RB1-S127I-r KTYEIIVHKF	273	203
>RB1-S127I-v KTYEISVHKF	404	>RB1-S127I-r KTYEIIVHKF	111	293
>RB1-S127I-v KTYEISVHKFF	360	>RB1-S127I-r KTYEIIVHKFF	121	239
>RB1-S127I-v KTYEISVHK	5	>RB1-S127I-r KTYEIIVHK	7	2
>RB1-S127I-v KTYEISVHKFF	453	>RB1-S127I-r KTYEIIVHKFF	722	269
>RB1-S127I-v KTYEISVHKF	437	>RB1-S127I-r KTYEIIVHKF	339	98
>RB1-S127I-v KTYEISVH	350	>RB1-S127I-r KTYEIIVH	255	95
>RB1-S127I-v KTYEISVHK	18	>RB1-S127I-r KTYEIIVHK	13	5
>RB1-S127I-v KTYEISVHKFF	249	>RB1-S127I-r KTYEIIVHKFF	160	89
>RB1-S127I-v KTYEISVH	357	>RB1-S127I-r KTYEIIVH	188	169
>RB1-S127I-v KTYEISVHK	126	>RB1-S127I-r KTYEIIVHK	326	200
>RB1-S127I-v KTYEISVHKF	5	>RB1-S127I-r KTYEIIVHKF	4	1
>RB1-S127I-v KTYEISVHKFF	10	>RB1-S127I-r KTYEIIVHKFF	13	3
>RB1-S127I-v KTYEISVHK	33	>RB1-S127I-r KTYEIIVHK	21	12
>RB1-S127I-v KTYEISVHKF	479	>RB1-S127I-r KTYEIIVHKF	1112	633
>RB1-S127I-v KTYEISVHKFF	349	>RB1-S127I-r KTYEIIVHKFF	628	279
>RB1-S127I-v KTYEISVHKF	23	>RB1-S127I-r KTYEIIVHKF	54	31
>RB1-S127I-v KTYEISVHKFF	16	>RB1-S127I-r KTYEIIVHKFF	25	9
>RB1-S127I-v KTYEISVH	41	>RB1-S127I-r KTYEIIVH	95	54
>RB1-S127I-v KTYEISVHKF	2	>RB1-S127I-r KTYEIIVHKF	3	1
>RB1-S127I-v KTYEISVHKFF	3	>RB1-S127I-r KTYEIIVHKFF	3	0
>RB1-S127I-v KTYEISVHKF	42	>RB1-S127I-r KTYEIIVHKF	39	3
>RB1-S127I-v KTYEISVHKFF	45	>RB1-S127I-r KTYEIIVHKFF	43	2
>RB1-S127I-v KTYEISVHKF	13	>RB1-S127I-r KTYEIIVHKF	14	1
>RB1-S127I-v KTYEISVHKFF	21	>RB1-S127I-r KTYEIIVHKFF	22	1
>RB1-S127I-v KTYEISVHKF	130	>RB1-S127I-r KTYEIIVHKF	126	4
>RB1-S127I-v KTYEISVHKFF	72	>RB1-S127I-r KTYEIIVHKFF	73	1
>RB1-S127I-v KTYEISVHKF	143	>RB1-S127I-r KTYEIIVHKF	124	19
>RB1-S127I-v KTYEISVHKFF	13	>RB1-S127I-r KTYEIIVHKFF	22	9
>RB1-S127I-v KTYEISVHKF	446	>RB1-S127I-r KTYEIIVHKF	581	135
>RB1-S127I-v KTYEISVHK	448	>RB1-S127I-r KTYEIIVHK	258	190
>RB1-S127I-v KTYEISVHK	77	>RB1-S127I-r KTYEIIVHK	45	32
>RB1-S127I-v RKTYEISV	37	>RB1-S127I-r RKTYEIIV	75	38
>RB1-S127I-v RKTYEISVH	71	>RB1-S127I-r RKTYEIIVH	166	95
>RB1-S127I-v RKTYEISVHK	201	>RB1-S127I-r RKTYEIIVHK	338	137
>RB1-S127I-v RKTYEISVHKF	4	>RB1-S127I-r RKTYEIIVHKF	6	2
>RB1-S127I-v YRKTYEIS	2474	>RB1-S127I-r YRKTYEII	160	2314
>RB1-S127I-v YRKTYEISV	127	>RB1-S127I-r YRKTYEIIV	198	71
>RB1-S127I-v YRKTYEISVH	278	>RB1-S127I-r YRKTYEIIVH	595	317
>RB1-S127I-v YRKTYEIS	3902	>RB1-S127I-r YRKTYEII	463	3439
>RB1-S127I-v YRKTYEISV	368	>RB1-S127I-r YRKTYEIIV	823	455

>RB1-S127I-v YRKTYEISVHK	68	>RB1-S127I-r YRKTYEIVHK	55	13
>RB1-S127I-v SYRKTYEIS	15340	>RB1-S127I-r SYRKTYEII	27	15313
>RB1-S127I-v SYRKTYEISV	419	>RB1-S127I-r SYRKTYEIIV	2050	1631
>RB1-S127I-v SYRKTYEIS	20307	>RB1-S127I-r SYRKTYEII	149	20158
>RB1-S127I-v SYRKTYEIS	10394	>RB1-S127I-r SYRKTYEII	98	10296
>RB1-S127I-v SYRKTYEIS	3759	>RB1-S127I-r SYRKTYEII	14	3745
>RB1-S127I-v SYRKTYEIS	272	>RB1-S127I-r SYRKTYEII	22	250
>RB1-S127I-v SYRKTYEISV	14	>RB1-S127I-r SYRKTYEIIV	20	6
>RB1-S127I-v SYRKTYEISVH	720	>RB1-S127I-r SYRKTYEIIVH	327	393
>RB1-S127I-v SYRKTYEISV	272	>RB1-S127I-r SYRKTYEIIV	518	246
>RB1-S127I-v LSYRKTYEISV	83	>RB1-S127I-r LSYRKTYEIIV	92	9
>RB1-S127I-v LSYRKTYEIS	28450	>RB1-S127I-r LSYRKTYEII	319	28131
>RB1-S127I-v LSYRKTYEISV	301	>RB1-S127I-r LSYRKTYEIIV	1166	865
>RB1-S127I-v LSYRKTYEIS	4819	>RB1-S127I-r LSYRKTYEII	219	4600
>RB1-S127I-v LSYRKTYEISV	261	>RB1-S127I-r LSYRKTYEIIV	457	196
>RB1-S127I-v LSYRKTYEIS	11753	>RB1-S127I-r LSYRKTYEII	309	11444
>RB1-S127I-v LSYRKTYEISV	341	>RB1-S127I-r LSYRKTYEIIV	989	648
>RB1-S127I-v LSYRKTYEIS	10004	>RB1-S127I-r LSYRKTYEII	57	9947
>RB1-S127I-v LSYRKTYEIS	7837	>RB1-S127I-r LSYRKTYEII	348	7489
>RB1-S127I-v LSYRKTYEIS	33239	>RB1-S127I-r LSYRKTYEII	162	33077
>RB1-S187T- SALVLKVSWI	384	>RB1-S187T- TALVLKVSWI	1763	1379
>RB1-S187T- SALVLKVSWI	498	>RB1-S187T- TALVLKVSWI	959	461
>RB1-S187T- SALVLKVS	75	>RB1-S187T- TALVLKVS	113	38
>RB1-S187T- SALVLKVS	110	>RB1-S187T- TALVLKVS	49	61
>RB1-S187T- SALVLKVS	90	>RB1-S187T- TALVLKVS	61	29
>RB1-S187T- SALVLKVS	34	>RB1-S187T- TALVLKVS	28	6
>RB1-S187T- SALVLKVS	223	>RB1-S187T- TALVLKVS	90	133
>RB1-S187T- NSALVLKVS	136	>RB1-S187T- NTALVLKVS	112	24
>RB1-S187T- NSALVLKV	2620	>RB1-S187T- NTALVLKV	359	2261
>RB1-S187T- NSALVLKVS	3381	>RB1-S187T- NTALVLKVS	381	3000
>RB1-S187T- NSALVLKV	54	>RB1-S187T- NTALVLKV	12	42
>RB1-S187T- NSALVLKVS	228	>RB1-S187T- NTALVLKVS	26	202
>RB1-S187T- NSALVLKV	568	>RB1-S187T- NTALVLKV	30	538
>RB1-S187T- NSALVLKVS	185	>RB1-S187T- NTALVLKVS	149	36
>RB1-S187T- NSALVLKVS	202	>RB1-S187T- NTALVLKVS	221	19
>RB1-S187T- NSALVLKVS	61	>RB1-S187T- NTALVLKVS	135	74
>RB1-S187T- NSALVLKVS	812	>RB1-S187T- NTALVLKVS	286	526
>RB1-S187T- NSALVLKVS	151	>RB1-S187T- NTALVLKVS	103	48
>RB1-S187T- INSALVLKVS	100	>RB1-S187T- INTALVLKVS	117	17
>RB1-S187T- INSALVLKVS	497	>RB1-S187T- INTALVLKVS	521	24
>RB1-S187T- EINSALVLKV	327	>RB1-S187T- EINTALVLKV	517	190
>RB1-S187T- EINSALVLKV	272	>RB1-S187T- EINTALVLKV	604	332
>RB1-S187T- EINSALVLKV	275	>RB1-S187T- EINTALVLKV	507	232

>RB1-S187T- EINSALVLKV	175	>RB1-S187T- EINTALVLKV	296	121
>RB1-S187T- EINSALVLKV	104	>RB1-S187T- EINTALVLKV	175	71
>RB1-S187T- EINSALVLK	399	>RB1-S187T- EINTALVLK	422	23
>RB1-S187T- EINSALVLK	161	>RB1-S187T- EINTALVLK	187	26
>RB1-S187T- EINSALVLK	8	>RB1-S187T- EINTALVLK	10	2
>RB1-S187T- EINSALVLKV	288	>RB1-S187T- EINTALVLKV	352	64
>RB1-S187T- EINSALVL	309	>RB1-S187T- EINTALVL	586	277
>RB1-S187T- EINSALVLKV	14	>RB1-S187T- EINTALVLKV	24	10
>RB1-S187T- TEINSALV	21	>RB1-S187T- TEINTALV	20	1
>RB1-S187T- TEINSALVL	423	>RB1-S187T- TEINTALVL	320	103
>RB1-S187T- TEINSALVLKV	266	>RB1-S187T- TEINTALVLKV	217	49
>RB1-S187T- TEINSALVL	396	>RB1-S187T- TEINTALVL	180	216
>RB1-S187T- TEINSALVL	16	>RB1-S187T- TEINTALVL	12	4
>RB1-S187T- TEINSALV	118	>RB1-S187T- TEINTALV	120	2
>RB1-S187T- TEINSALVL	10	>RB1-S187T- TEINTALVL	10	0
>RB1-S187T- TEINSALVLKV	115	>RB1-S187T- TEINTALVLKV	113	2
>RB1-S187T- TEINSALVL	37	>RB1-S187T- TEINTALVL	44	7
>RB1-S187T- TEINSALVLKV	158	>RB1-S187T- TEINTALVLKV	191	33
>RB1-S187T- TEINSALV	464	>RB1-S187T- TEINTALV	438	26
>RB1-S187T- TEINSALVL	127	>RB1-S187T- TEINTALVL	144	17
>RB1-S187T- TEINSALVLKV	267	>RB1-S187T- TEINTALVLKV	282	15
>RB1-S187T- TEINSALV	256	>RB1-S187T- TEINTALV	313	57
>RB1-S187T- TEINSALVLKV	174	>RB1-S187T- TEINTALVLKV	210	36
>RB1-S187T- TEINSALV	245	>RB1-S187T- TEINTALV	426	181
>RB1-S187T- TEINSALVL	101	>RB1-S187T- TEINTALVL	153	52
>RB1-S187T- TEINSALVLKV	21	>RB1-S187T- TEINTALVLKV	24	3
>RB1-S187T- STEINSALV	432	>RB1-S187T- STEINTALV	286	146
>RB1-S187T- STEINSALVLK	32	>RB1-S187T- STEINTALVLK	27	5
>RB1-S187T- STEINSALVLK	104	>RB1-S187T- STEINTALVLK	124	20
>RB1-S187T- STEINSALVLK	46	>RB1-S187T- STEINTALVLK	37	9
>RB1-S187T- STEINSALV	167	>RB1-S187T- STEINTALV	92	75
>RB1-S187T- STEINSALV	256	>RB1-S187T- STEINTALV	166	90
>RB1-S187T- STEINSAL	48	>RB1-S187T- STEINTAL	83	35
>RB1-S187T- STEINSALVL	11	>RB1-S187T- STEINTALVL	18	7
>RB1-S187T- STEINSALV	63	>RB1-S187T- STEINTALV	74	11
>RB1-S187T- STEINSALVL	74	>RB1-S187T- STEINTALVL	84	10
>RB1-S187T- STEINSALVL	55	>RB1-S187T- STEINTALVL	72	17
>RB1-S187T- STEINSALVLK	177	>RB1-S187T- STEINTALVLK	171	6
>RB1-S187T- STEINSAL	359	>RB1-S187T- STEINTAL	513	154
>RB1-S187T- ISTEINSAL	330	>RB1-S187T- ISTEINTAL	212	118
>RB1-S187T- ISTEINSAL	2141	>RB1-S187T- ISTEINTAL	469	1672
>RB1-S187T- ISTEINSAL	395	>RB1-S187T- ISTEINTAL	421	26
>RB1-S187T- ISTEINSALV	183	>RB1-S187T- ISTEINTALV	127	56



>RB1-S187T- ISTEINSAL	470	>RB1-S187T- ISTEINTAL	550	80
>RB1-S187T- ISTEINSAL	27	>RB1-S187T- ISTEINTAL	54	27
>RB1-S187T- ISTEINSALV	14	>RB1-S187T- ISTEINTALV	21	7
>RB1-S187T- ISTEINSALV	238	>RB1-S187T- ISTEINTALV	199	39
>RB1-S187T- ISTEINSAL	105	>RB1-S187T- ISTEINTAL	117	12
>RB1-S187T- ISTEINSALV	57	>RB1-S187T- ISTEINTALV	61	4
>RB1-S187T- ISTEINSALV	52	>RB1-S187T- ISTEINTALV	56	4
>RB1-S187T- ISTEINSAL	30	>RB1-S187T- ISTEINTAL	163	133
>RB1-S187T- ISTEINSALV	418	>RB1-S187T- ISTEINTALV	764	346
>RB1-S187T- ISTEINSALV	60	>RB1-S187T- ISTEINTALV	85	25
>RB1-S187T- SISTEINSALV	157	>RB1-S187T- SISTEINTALV	126	31
>RB1-S187T- SISTEINSA	70	>RB1-S187T- SISTEINTA	176	106
>RB1-S187T- SISTEINSAL	46	>RB1-S187T- SISTEINTAL	54	8
>RB1-S187T- SISTEINSALV	12	>RB1-S187T- SISTEINTALV	11	1
>RB1-S187T- SISTEINSA	55	>RB1-S187T- SISTEINTA	94	39
>RB1-S187T- SISTEINSAL	122	>RB1-S187T- SISTEINTAL	164	42
>RB1-S187T- SISTEINSALV	13	>RB1-S187T- SISTEINTALV	11	2
>RB1-S187T- SISTEINSALV	83	>RB1-S187T- SISTEINTALV	77	6
>RB1-S187T- SISTEINSALV	90	>RB1-S187T- SISTEINTALV	75	15
>RB1-S187T- SISTEINSALV	228	>RB1-S187T- SISTEINTALV	178	50
>RB1-S187T- SISTEINSALV	79	>RB1-S187T- SISTEINTALV	69	10
>RB1-S187T- SISTEINSALV	466	>RB1-S187T- SISTEINTALV	326	140
>RB1-S187T- SISTEINSAL	277	>RB1-S187T- SISTEINTAL	255	22
>RB1-S187T- SISTEINSALV	8	>RB1-S187T- SISTEINTALV	7	1
>RB1-S187T- SISTEINSAL	432	>RB1-S187T- SISTEINTAL	744	312
>RB1-S187T- SISTEINSALV	73	>RB1-S187T- SISTEINTALV	60	13
>RB1-S187T- SSISTEINSAL	152	>RB1-S187T- SSISTEINTAL	555	403
>RB1-S187T- SSISTEINSAL	1197	>RB1-S187T- SSISTEINTAL	456	741
>RB1-S187T- SSISTEINSAL	152	>RB1-S187T- SSISTEINTAL	190	38
>RB1-S187T- SSISTEINSAL	44	>RB1-S187T- SSISTEINTAL	63	19
>RB1-S187T- SSISTEINSAL	202	>RB1-S187T- SSISTEINTAL	304	102
>RB1-S187T- SSISTEINSAL	75	>RB1-S187T- SSISTEINTAL	215	140
>RB1-S187T- SSISTEINSAL	401	>RB1-S187T- SSISTEINTAL	679	278
>RB1-S474N- SKLLNDNIFHI	443	>RB1-S474N- NKLLNDNIFH	2153	1710
>RB1-S474N- SKLLNDNIF	15	>RB1-S474N- NKLLNDNIF	72	57
>RB1-S474N- SKLLNDNIFHI	260	>RB1-S474N- NKLLNDNIFH	1119	859
>RB1-S474N- FSKLLNDNIF	146	>RB1-S474N- FNKLLNDNIF	853	707
>RB1-S474N- FSKLLNDNIF	72	>RB1-S474N- FNKLLNDNIF	23418	23346
>RB1-S474N- FSKLLNDNIF	81	>RB1-S474N- FNKLLNDNIF	6014	5933
>RB1-S474N- FSKLLNDNI	496	>RB1-S474N- FNKLLNDNI	7539	7043
>RB1-S474N- EEERLSIQNFS	326	>RB1-S474N- EEERLSIQNFI	948	622
>RB1-S474N- NFSKLLNDNI	595	>RB1-S474N- NFNKLLNDNI	482	113
>RB1-S474N- NFSKLLNDNII	49	>RB1-S474N- NFNKLLNDNII	132	83

>RB1-S474N- IQNFSKLL	67	>RB1-S474N- IQNFNKLL	171	104
>RB1-S474N- SIQNFSKL	13	>RB1-S474N- SIQNFNKL	36	23
>RB1-S474N- SIQNFSKLL	427	>RB1-S474N- SIQNFNKL	974	547
>RB1-S474N- SIQNFSKL	213	>RB1-S474N- SIQNFNKL	507	294
>RB1-S474N- LSIQNFSKL	34	>RB1-S474N- LSIQNFNKL	50	16
>RB1-S474N- LSIQNFSKL	161	>RB1-S474N- LSIQNFNKL	140	21
>RB1-S474N- LSIQNFSK	31	>RB1-S474N- LSIQNFNK	32	1
>RB1-S474N- LSIQNFSK	36	>RB1-S474N- LSIQNFNK	37	1
>RB1-S474N- LSIQNFSKL	274	>RB1-S474N- LSIQNFNKL	636	362
>RB1-S474N- LSIQNFSKLL	399	>RB1-S474N- LSIQNFNKL	579	180
>RB1-S474N- LSIQNFSKL	17	>RB1-S474N- LSIQNFNKL	143	126
>RB1-S474N- LSIQNFSKLL	25	>RB1-S474N- LSIQNFNKL	85	60
>RB1-S474N- LSIQNFSKL	623	>RB1-S474N- LSIQNFNKL	326	297
>RB1-S474N- LSIQNFSKLL	172	>RB1-S474N- LSIQNFNKL	189	17
>RB1-S474N- LSIQNFSKL	59	>RB1-S474N- LSIQNFNKL	907	848
>RB1-S474N- LSIQNFSKLL	266	>RB1-S474N- LSIQNFNKL	747	481
>RB1-S474N- LSIQNFSK	241	>RB1-S474N- LSIQNFNK	172	69
>RB1-S474N- LSIQNFSKL	289	>RB1-S474N- LSIQNFNKL	1297	1008
>RB1-S474N- LSIQNFSKLL	299	>RB1-S474N- LSIQNFNKL	218	81
>RB1-S474N- RLSIQNFS	369	>RB1-S474N- RLSIQNFN	2788	2419
>RB1-S474N- RLSIQNFSKL	77	>RB1-S474N- RLSIQNFNKL	122	45
>RB1-S474N- RLSIQNFSKLL	18	>RB1-S474N- RLSIQNFNKLI	19	1
>RB1-S474N- RLSIQNFSKL	98	>RB1-S474N- RLSIQNFNKL	238	140
>RB1-S474N- RLSIQNFSKLL	167	>RB1-S474N- RLSIQNFNKLI	291	124
>RB1-S474N- RLSIQNFSKL	78	>RB1-S474N- RLSIQNFNKL	148	70
>RB1-S474N- RLSIQNFSKLL	138	>RB1-S474N- RLSIQNFNKLI	210	72
>RB1-S474N- RLSIQNFSKL	215	>RB1-S474N- RLSIQNFNKL	240	25
>RB1-S474N- RLSIQNFSKL	164	>RB1-S474N- RLSIQNFNKL	219	55
>RB1-S474N- RLSIQNFSKLL	354	>RB1-S474N- RLSIQNFNKLI	565	211
>RB1-S474N- RLSIQNFSKL	10	>RB1-S474N- RLSIQNFNKL	18	8
>RB1-S474N- RLSIQNFSKLL	31	>RB1-S474N- RLSIQNFNKLI	42	11
>RB1-S474N- RLSIQNFSK	37	>RB1-S474N- RLSIQNFNK	35	2
>RB1-S474N- RLSIQNFSK	22	>RB1-S474N- RLSIQNFNK	21	1
>RB1-S474N- RLSIQNFSK	26	>RB1-S474N- RLSIQNFNK	38	12
>RB1-S474N- RLSIQNFSK	82	>RB1-S474N- RLSIQNFNK	44	38
>RB1-S474N- RLSIQNFSKL	213	>RB1-S474N- RLSIQNFNKL	348	135
>RB1-S474N- RLSIQNFSK	936	>RB1-S474N- RLSIQNFNK	441	495
>RB1-S474N- ERLSIQNFSKL	337	>RB1-S474N- ERLSIQNFNKI	575	238
>RB1-S474N- ERLSIQNFSKL	211	>RB1-S474N- ERLSIQNFNKI	310	99
>RB1-S612P- SPKKKGST	313	>RB1-S612P- PPKKKGST	7617	7304
>RB1-S612P- SPKKKGSTT	342	>RB1-S612P- PPKKKGSTT	8657	8315
>RB1-S612P- SPKKKGSTTR	70	>RB1-S612P- PPKKKGSTTR	1775	1705
>RB1-S612P- SPKKKGSTTR	166	>RB1-S612P- PPKKKGSTTR	1441	1275

>RB1-S612P- RSPKKKGSTT	74	>RB1-S612P- RPPKKKGSTT	6016	5942
>RB1-S612P- RSPKKKGST	21901	>RB1-S612P- RPPKKKGST	96	21805
>RB1-S612P- RSPKKKGSTT	26904	>RB1-S612P- RPPKKKGSTT	469	26435
>RB1-S612P- RSPKKKGSTT	674	>RB1-S612P- RPPKKKGSTT	412	262
>RB1-S612P- PVRSPKKK	43	>RB1-S612P- PVRPPKKK	35	8
>RB1-S612P- LSPVRSPK	389	>RB1-S612P- LSPVRPPK	435	46
>RB1-S612P- LSPVRSPK	430	>RB1-S612P- LSPVRPPK	224	206
>RB1-S612P- LSPVRSPKK	404	>RB1-S612P- LSPVRPPKK	945	541
>RB1-S612P- YLSPVRSPK	85	>RB1-S612P- YLSPVRPPK	39	46
>RB1-S612P- YLSPVRSPKK	66	>RB1-S612P- YLSPVRPPKK	65	1
>RB1-S612P- YLSPVRSPKKI	478	>RB1-S612P- YLSPVRPPKKI	422	56
>RB1-S612P- YLSPVRSPK	47	>RB1-S612P- YLSPVRPPK	63	16
>RB1-S612P- YLSPVRSPKK	49	>RB1-S612P- YLSPVRPPKK	104	55
>RB1-S612P- YLSPVRSPKKI	102	>RB1-S612P- YLSPVRPPKKI	112	10
>RB1-S612P- YLSPVRSPK	29	>RB1-S612P- YLSPVRPPK	35	6
>RB1-S612P- YLSPVRSPKK	104	>RB1-S612P- YLSPVRPPKK	148	44
>RB1-S612P- YLSPVRSPKKI	349	>RB1-S612P- YLSPVRPPKKI	386	37
>RB1-S612P- YLSPVRSPK	633	>RB1-S612P- YLSPVRPPK	127	506
>RB1-S612P- YLSPVRSPK	474	>RB1-S612P- YLSPVRPPK	1476	1002
>RB1-S612P- YLSPVRSPK	47	>RB1-S612P- YLSPVRPPK	116	69
>RB1-S612P- YLSPVRSPKK	111	>RB1-S612P- YLSPVRPPKK	275	164
>RB1-S612P- YLSPVRSPKKI	348	>RB1-S612P- YLSPVRPPKKI	602	254
>RB1-S612P- YLSPVRSPKK	296	>RB1-S612P- YLSPVRPPKK	229	67
>RB1-S612P- MYLSPVRSPK	12	>RB1-S612P- MYLSPVRPPK	8	4
>RB1-S612P- MYLSPVRSPK	19	>RB1-S612P- MYLSPVRPPK	22	3
>RB1-S612P- MYLSPVRSPK	89	>RB1-S612P- MYLSPVRPPK	184	95
>RB1-S612P- MYLSPVRSPK	270	>RB1-S612P- MYLSPVRPPK	250	20
>RB1-S612P- MYLSPVRSPK	431	>RB1-S612P- MYLSPVRPPK	1995	1564
>RB1-S612P- MYLSPVRSPK	233	>RB1-S612P- MYLSPVRPPK	140	93
>RB1-S612P- MYLSPVRSPK	483	>RB1-S612P- MYLSPVRPPK	354	129
>RB1-S612P- MYLSPVRSP	274	>RB1-S612P- MYLSPVRPP	382	108
>RB1-S612P- DMYLSPVRSF	96	>RB1-S612P- DMYLSPVRPF	132	36
>RB1-S612P- DMYLSPVRSF	155	>RB1-S612P- DMYLSPVRPF	165	10
>RB1-S612P- DMYLSPVRSF	75	>RB1-S612P- DMYLSPVRPF	127	52
>RB1-S612P- DMYLSPVRSF	74	>RB1-S612P- DMYLSPVRPF	135	61
>RB1-S794I-v SSPLRIPGGNI	396	>RB1-S794I-r ISPLRIPGGNI	350	46
>RB1-S794I-v SSPLRIPGGNI	23	>RB1-S794I-r ISPLRIPGGNI	18	5
>RB1-S794I-v SSPLRIPGGNI	80	>RB1-S794I-r ISPLRIPGGNI	149	69
>RB1-S794I-v HIPRSPYKFPS	2096	>RB1-S794I-r HIPRSPYKFPI	48	2048
>RB1-S794I-v FPSSPLRI	1414	>RB1-S794I-r FPISPLRI	108	1306
>RB1-S794I-v FPSSPLRI	274	>RB1-S794I-r FPISPLRI	270	4
>RB1-S794I-v FPSSPLRI	91	>RB1-S794I-r FPISPLRI	77	14
>RB1-S794I-v FPSSPLRI	37	>RB1-S794I-r FPISPLRI	29	8

>RB1-S794I-v FPSSPLRI	343	>RB1-S794I-r FPISPLRI	39	304
>RB1-S794I-v FPSSPLRIP	97	>RB1-S794I-r FPISPLRIP	22	75
>RB1-S794I-v FPSSPLRIPG	212	>RB1-S794I-r FPISPLRIPG	73	139
>RB1-S794I-v FPSSPLRIPGC	217	>RB1-S794I-r FPISPLRIPGG	41	176
>RB1-S794I-v KFPSSPLRI	117	>RB1-S794I-r KFPISPLRI	424	307
>RB1-S794I-v KFPSSPLRI	117	>RB1-S794I-r KFPISPLRI	145	28
>RB1-S794I-v KFPSSPLRI	206	>RB1-S794I-r KFPISPLRI	448	242
>RB1-S794I-v KFPSSPLR	36	>RB1-S794I-r KFPISPLR	49	13
>RB1-S794I-v KFPSSPLR	18	>RB1-S794I-r KFPISPLR	14	4
>RB1-S794I-v KFPSSPLRI	406	>RB1-S794I-r KFPISPLRI	541	135
>RB1-S794I-v YKFPSSPL	540	>RB1-S794I-r YKFPISPL	171	369
>RB1-S794I-v YKFPSSPL	343	>RB1-S794I-r YKFPISPL	141	202
>RB1-S794I-v YKFPSSPL	919	>RB1-S794I-r YKFPISPL	301	618
>RB1-S794I-v YKFPSSPLR	64	>RB1-S794I-r YKFPISPLR	32	32
>RB1-S794I-v YKFPSSPL	2	>RB1-S794I-r YKFPISPL	3	1
>RB1-S794I-v YKFPSSPLR	17	>RB1-S794I-r YKFPISPLR	61	44
>RB1-S794I-v YKFPSSPLRI	5	>RB1-S794I-r YKFPISPLRI	16	11
>RB1-S794I-v YKFPSSPLRIP	57	>RB1-S794I-r YKFPISPLRIP	183	126
>RB1-S794I-v YKFPSSPL	12	>RB1-S794I-r YKFPISPL	15	3
>RB1-S794I-v YKFPSSPLRI	296	>RB1-S794I-r YKFPISPLRI	533	237
>RB1-S794I-v YKFPSSPL	435	>RB1-S794I-r YKFPISPL	344	91
>RB1-S794I-v YKFPSSPLR	407	>RB1-S794I-r YKFPISPLR	139	268
>RB1-S794I-v PYKFPSSPLRI	478	>RB1-S794I-r PYKFPISPLRI	565	87
>RB1-S794I-v PYKFPSSPLR	183	>RB1-S794I-r PYKFPISPLR	109	74
>RB1-S794I-v SPYKFPSSPL	304	>RB1-S794I-r SPYKFPISPL	187	117
>RB1-S794I-v SPYKFPSSPLR	207	>RB1-S794I-r SPYKFPISPLR	179	28
>RB1-S794I-v SPYKFPSSPL	343	>RB1-S794I-r SPYKFPISPL	280	63
>RB1-S794I-v SPYKFPSSPL	29	>RB1-S794I-r SPYKFPISPL	40	11
>RB1-S794I-v SPYKFPSSPL	242	>RB1-S794I-r SPYKFPISPL	418	176
>RB1-S794I-v SPYKFPSSPL	46	>RB1-S794I-r SPYKFPISPL	61	15
>RB1-S794I-v SPYKFPSS	665	>RB1-S794I-r SPYKFPIS	399	266
>RB1-S794I-v SPYKFPSSPL	370	>RB1-S794I-r SPYKFPISPL	459	89
>RB1-S794I-v SPYKFPSSPLR	146	>RB1-S794I-r SPYKFPISPLR	69	77
>RB1-S794I-v RSPYKFPSSPL	176	>RB1-S794I-r RSPYKFPISPL	193	17
>RB1-S794I-v RSPYKFPS	7056	>RB1-S794I-r RSPYKFPI	47	7009
>RB1-S794I-v RSPYKFPSSPL	138	>RB1-S794I-r RSPYKFPISPL	248	110
>RB1-S794I-v RSPYKFPSSPL	445	>RB1-S794I-r RSPYKFPISPL	568	123
>RB1-S794I-v RSPYKFPSSPL	36	>RB1-S794I-r RSPYKFPISPL	56	20
>RB1-S794I-v RSPYKFPS	14078	>RB1-S794I-r RSPYKFPI	64	14014
>RB1-S794I-v RSPYKFPS	308	>RB1-S794I-r RSPYKFPI	55	253
>RB1-S794I-v RSPYKFPSSPL	5	>RB1-S794I-r RSPYKFPISPL	4	1
>RB1-S794I-v RSPYKFPS	24815	>RB1-S794I-r RSPYKFPI	36	24779
>RB1-S794I-v RSPYKFPSSPL	130	>RB1-S794I-r RSPYKFPISPL	150	20

>RB1-S794I-v IPRSPYKFPS	634	>RB1-S794I-r IPRSPYKFPI	21	613
>RB1-S794I-v IPRSPYKFPSS	111	>RB1-S794I-r IPRSPYKFPIS	68	43
>RB1-V654L- VYRLAYLRL	137	>RB1-V654L- LYRLAYLRL	359	222
>RB1-V654L- VYRLAYLRL	205	>RB1-V654L- LYRLAYLRL	341	136
>RB1-V654L- VYRLAYLRL	185	>RB1-V654L- LYRLAYLRL	188	3
>RB1-V654L- VYRLAYLRL	42	>RB1-V654L- LYRLAYLRL	26	16
>RB1-V654L- VYRLAYLR	198	>RB1-V654L- LYRLAYLR	76	122
>RB1-V654L- VYRLAYLRL	44	>RB1-V654L- LYRLAYLRL	18	26
>RB1-V654L- VYRLAYLRLN	981	>RB1-V654L- LYRLAYLRLN	437	544
>RB1-V654L- VYRLAYLRLN	249	>RB1-V654L- LYRLAYLRLN	88	161
>RB1-V654L- VYRLAYLR	21	>RB1-V654L- LYRLAYLR	19	2
>RB1-V654L- VYRLAYLR	31	>RB1-V654L- LYRLAYLR	25	6
>RB1-V654L- VYRLAYLR	45	>RB1-V654L- LYRLAYLR	44	1
>RB1-V654L- KVYRLAYL	9	>RB1-V654L- KLYRLAYL	22	13
>RB1-V654L- KVYRLAYL	78	>RB1-V654L- KLYRLAYL	13	65
>RB1-V654L- KVYRLAYLRL	1564	>RB1-V654L- KLYRLAYLRL	95	1469
>RB1-V654L- KVYRLAYL	41	>RB1-V654L- KLYRLAYL	7	34
>RB1-V654L- KVYRLAYLRL	233	>RB1-V654L- KLYRLAYLRL	32	201
>RB1-V654L- KVYRLAYL	71	>RB1-V654L- KLYRLAYL	11	60
>RB1-V654L- KVYRLAYLRL	376	>RB1-V654L- KLYRLAYLRL	64	312
>RB1-V654L- KVYRLAYL	16	>RB1-V654L- KLYRLAYL	28	12
>RB1-V654L- KVYRLAYLRL	579	>RB1-V654L- KLYRLAYLRL	441	138
>RB1-V654L- KVYRLAYL	20	>RB1-V654L- KLYRLAYL	2	18
>RB1-V654L- KVYRLAYLRL	231	>RB1-V654L- KLYRLAYLRL	5	226
>RB1-V654L- KVYRLAYL	143	>RB1-V654L- KLYRLAYL	4	139
>RB1-V654L- KVYRLAYLRL	2719	>RB1-V654L- KLYRLAYLRL	37	2682
>RB1-V654L- KVYRLAYL	138	>RB1-V654L- KLYRLAYL	8	130
>RB1-V654L- KVYRLAYLRL	859	>RB1-V654L- KLYRLAYLRL	14	845
>RB1-V654L- KVYRLAYL	2459	>RB1-V654L- KLYRLAYL	22	2437
>RB1-V654L- KVYRLAYL	119	>RB1-V654L- KLYRLAYL	4	115
>RB1-V654L- KVYRLAYLRL	497	>RB1-V654L- KLYRLAYLRL	6	491
>RB1-V654L- KVYRLAYLR	49	>RB1-V654L- KLYRLAYLR	32	17
>RB1-V654L- KVYRLAYLR	16	>RB1-V654L- KLYRLAYLR	43	27
>RB1-V654L- KVYRLAYL	47	>RB1-V654L- KLYRLAYL	408	361
>RB1-V654L- KVYRLAYLR	311	>RB1-V654L- KLYRLAYLR	2416	2105
>RB1-V654L- KVYRLAYLRL	92	>RB1-V654L- KLYRLAYLRL	822	730
>RB1-V654L- KVYRLAYL	108	>RB1-V654L- KLYRLAYL	191	83
>RB1-V654L- KVYRLAYLR	6	>RB1-V654L- KLYRLAYLR	7	1
>RB1-V654L- KVYRLAYL	83	>RB1-V654L- KLYRLAYL	78	5
>RB1-V654L- KVYRLAYLR	196	>RB1-V654L- KLYRLAYLR	172	24
>RB1-V654L- KVYRLAYLRL	39	>RB1-V654L- KLYRLAYLRL	37	2
>RB1-V654L- KVYRLAYLR	25	>RB1-V654L- KLYRLAYLR	162	137
>RB1-V654L- KVYRLAYL	1703	>RB1-V654L- KLYRLAYL	320	1383

>RB1-V654L- KVVYRLAYLRL	2238	>RB1-V654L- KLYRLAYLRL	490	1748
>RB1-V654L- KVVYRLAYL	53	>RB1-V654L- KLYRLAYL	408	355
>RB1-V654L- KVVYRLAYLRL	50	>RB1-V654L- KLYRLAYLRL	393	343
>RB1-V654L- KVVYRLAYL	97	>RB1-V654L- KLYRLAYL	631	534
>RB1-V654L- KVVYRLAYLRL	77	>RB1-V654L- KLYRLAYLRL	540	463
>RB1-V654L- KVVYRLAYL	844	>RB1-V654L- KLYRLAYL	415	429
>RB1-V654L- KVVYRLAYLR	12	>RB1-V654L- KLYRLAYLR	11	1
>RB1-V654L- STSLSLFYKKV	496	>RB1-V654L- STSLSLFYKKL	3441	2945
>RB1-V654L- STSLSLFYKKV	93	>RB1-V654L- STSLSLFYKKL	737	644
>RB1-V654L- STSLSLFYKKV	263	>RB1-V654L- STSLSLFYKKL	1812	1549
>RB1-V654L- STSLSLFYKKV	522	>RB1-V654L- STSLSLFYKKL	19	503
>RB1-V654L- STSLSLFYKKV	554	>RB1-V654L- STSLSLFYKKL	95	459
>RB1-V654L- STSLSLFYKKV	621	>RB1-V654L- STSLSLFYKKL	184	437
>RB1-V654L- STSLSLFYKKV	1156	>RB1-V654L- STSLSLFYKKL	226	930
>RB1-V654L- KVVYRLAYLRI	566	>RB1-V654L- KKLYRLAYLRL	447	119
>RB1-V654L- KVVYRLAYL	612	>RB1-V654L- KKLYRLAYL	459	153
>RB1-V654L- KVVYRLAY	390	>RB1-V654L- KKLYRLAY	326	64
>RB1-V654L- KVVYRLAYLR	62	>RB1-V654L- KKLYRLAYLR	32	30
>RB1-V654L- KVVYRLAY	5	>RB1-V654L- KKLYRLAY	5	0
>RB1-V654L- KVVYRLAYL	35	>RB1-V654L- KKLYRLAYL	25	10
>RB1-V654L- KVVYRLAYLR	820	>RB1-V654L- KKLYRLAYLR	474	346
>RB1-V654L- KVVYRLAYLRI	62	>RB1-V654L- KKLYRLAYLRL	42	20
>RB1-V654L- KVVYRLAYLRI	576	>RB1-V654L- KKLYRLAYLRL	321	255
>RB1-V654L- KVVYRLAYLRI	715	>RB1-V654L- KKLYRLAYLRL	394	321
>RB1-V654L- KVVYRLAYLR	54	>RB1-V654L- KKLYRLAYLR	43	11
>RB1-V654L- YKKVYRLAY	322	>RB1-V654L- YKKLYRLAY	271	51
>RB1-V654L- YKKVYRLA	367	>RB1-V654L- YKKLYRLA	853	486
>RB1-V654L- YKKVYRLAY	3	>RB1-V654L- YKKLYRLAY	5	2
>RB1-V654L- YKKVYRLAYL	21	>RB1-V654L- YKKLYRLAYL	41	20
>RB1-V654L- YKKVYRLAYLI	296	>RB1-V654L- YKKLYRLAYLF	668	372
>RB1-V654L- YKKVYRLAYLI	408	>RB1-V654L- YKKLYRLAYLF	187	221
>RB1-V654L- FYKKVYRL	317	>RB1-V654L- FYKKLYRL	375	58
>RB1-V654L- FYKKVYRLAYI	90	>RB1-V654L- FYKKLYRLAYL	121	31
>RB1-V654L- FYKKVYRLAYI	248	>RB1-V654L- FYKKLYRLAYL	257	9
>RB1-V654L- FYKKVYRL	109	>RB1-V654L- FYKKLYRL	135	26
>RB1-V654L- FYKKVYRLAYI	268	>RB1-V654L- FYKKLYRLAYL	471	203
>RB1-V654L- FYKKVYRL	209	>RB1-V654L- FYKKLYRL	312	103
>RB1-V654L- FYKKVYRLAYI	276	>RB1-V654L- FYKKLYRLAYL	388	112
>RB1-V654L- FYKKVYRL	8	>RB1-V654L- FYKKLYRL	9	1
>RB1-V654L- FYKKVYRLAY	210	>RB1-V654L- FYKKLYRLAY	267	57
>RB1-V654L- FYKKVYRLAYI	6	>RB1-V654L- FYKKLYRLAYL	6	0
>RB1-V654L- FYKKVYRLAY	13	>RB1-V654L- FYKKLYRLAY	24	11
>RB1-V654L- FYKKVYRLAY	302	>RB1-V654L- FYKKLYRLAY	228	74

>RB1-V654L- FYKKVYRL	727	>RB1-V654L- FYKKLYRL	491	236
>RB1-V654L- FYKKVYRLAYI	647	>RB1-V654L- FYKKLYRLAYL	415	232
>RB1-V654L- FYKKVYRLAY	226	>RB1-V654L- FYKKLYRLAY	232	6
>RB1-V654L- LFYKKVYRL	289	>RB1-V654L- LFYKKLYRL	154	135
>RB1-V654L- LFYKKVYRL	270	>RB1-V654L- LFYKKLYRL	220	50
>RB1-V654L- LFYKKVYRL	89	>RB1-V654L- LFYKKLYRL	48	41
>RB1-V654L- LFYKKVYRL	69	>RB1-V654L- LFYKKLYRL	67	2
>RB1-V654L- LFYKKVYRLA\	9	>RB1-V654L- LFYKKLYRLAY	8	1
>RB1-V654L- LFYKKVYRLA\	350	>RB1-V654L- LFYKKLYRLAY	288	62
>RB1-V654L- LFYKKVYR	6	>RB1-V654L- LFYKKLYR	7	1
>RB1-V654L- LFYKKVYR	26	>RB1-V654L- LFYKKLYR	32	6
>RB1-V654L- LFYKKVYR	137	>RB1-V654L- LFYKKLYR	279	142
>RB1-V654L- LFYKKVYRLA\	172	>RB1-V654L- LFYKKLYRLAY	162	10
>RB1-V654L- LFYKKVYRL	222	>RB1-V654L- LFYKKLYRL	279	57
>RB1-V654L- LFYKKVYRLA\	179	>RB1-V654L- LFYKKLYRLAY	265	86
>RB1-V654L- LFYKKVYRLA\	349	>RB1-V654L- LFYKKLYRLAY	433	84
>RB1-V654L- LFYKKVYRLA\	297	>RB1-V654L- LFYKKLYRLAY	465	168
>RB1-V654L- LFYKKVYRLA\	305	>RB1-V654L- LFYKKLYRLAY	404	99
>RB1-V654L- LFYKKVYRLA\	110	>RB1-V654L- LFYKKLYRLAY	182	72
>RB1-V654L- LFYKKVYRLA\	239	>RB1-V654L- LFYKKLYRLAY	245	6
>RB1-V654L- LFYKKVYR	18	>RB1-V654L- LFYKKLYR	17	1
>RB1-V654L- SLFYKKVYRL	100	>RB1-V654L- SLFYKKLYRL	41	59
>RB1-V654L- SLFYKKVYRLA\	449	>RB1-V654L- SLFYKKLYRLA	459	10
>RB1-V654L- SLFYKKVYRL	30	>RB1-V654L- SLFYKKLYRL	21	9
>RB1-V654L- SLFYKKVYRLA\	153	>RB1-V654L- SLFYKKLYRLA	230	77
>RB1-V654L- SLFYKKVYRL	145	>RB1-V654L- SLFYKKLYRL	86	59
>RB1-V654L- SLFYKKVYRLA\	118	>RB1-V654L- SLFYKKLYRLA	131	13
>RB1-V654L- SLFYKKVYRL	750	>RB1-V654L- SLFYKKLYRL	229	521
>RB1-V654L- SLFYKKVYRL	7	>RB1-V654L- SLFYKKLYRL	9	2
>RB1-V654L- SLFYKKVYRLA\	89	>RB1-V654L- SLFYKKLYRLA	154	65
>RB1-V654L- SLFYKKVYRL	29	>RB1-V654L- SLFYKKLYRL	35	6
>RB1-V654L- SLFYKKVYRL	19	>RB1-V654L- SLFYKKLYRL	24	5
>RB1-V654L- SLFYKKVYRLA\	190	>RB1-V654L- SLFYKKLYRLA	271	81
>RB1-V654L- SLFYKKVYRL	391	>RB1-V654L- SLFYKKLYRL	730	339
>RB1-V654L- SLFYKKVYRL	7	>RB1-V654L- SLFYKKLYRL	8	1
>RB1-V654L- SLFYKKVYRLA\	151	>RB1-V654L- SLFYKKLYRLA	180	29
>RB1-V654L- SLFYKKVY	1268	>RB1-V654L- SLFYKKLY	309	959
>RB1-V654L- SLFYKKVYR	146	>RB1-V654L- SLFYKKLYR	67	79
>RB1-V654L- SLFYKKVYR	123	>RB1-V654L- SLFYKKLYR	46	77
>RB1-V654L- SLFYKKVY	240	>RB1-V654L- SLFYKKLY	26	214
>RB1-V654L- SLFYKKVY	141	>RB1-V654L- SLFYKKLY	139	2
>RB1-V654L- SLFYKKVYR	7	>RB1-V654L- SLFYKKLYR	11	4
>RB1-V654L- SLFYKKVYRL	58	>RB1-V654L- SLFYKKLYRL	118	60

>RB1-V654L- SLFYKKVYR	59	>RB1-V654L- SLFYKKLYR	127	68
>RB1-V654L- SLFYKKVYR	13	>RB1-V654L- SLFYKKLYR	28	15
>RB1-V654L- SLFYKKVY	1135	>RB1-V654L- SLFYKKLY	66	1069
>RB1-V654L- SLFYKKVY	91	>RB1-V654L- SLFYKKLY	300	209
>RB1-V654L- SLFYKKVY	77	>RB1-V654L- SLFYKKLY	126	49
>RB1-V654L- SLFYKKVY	67	>RB1-V654L- SLFYKKLY	221	154
>RB1-V654L- SLFYKKVY	638	>RB1-V654L- SLFYKKLY	201	437
>RB1-V654L- SLFYKKVYR	26	>RB1-V654L- SLFYKKLYR	23	3
>RB1-V654L- LSLFYKKV	173	>RB1-V654L- LSLFYKKL	35	138
>RB1-V654L- LSLFYKKVYRL	260	>RB1-V654L- LSLFYKKLYRL	157	103
>RB1-V654L- LSLFYKKVYR	168	>RB1-V654L- LSLFYKKLYR	91	77
>RB1-V654L- LSLFYKKVYR	96	>RB1-V654L- LSLFYKKLYR	43	53
>RB1-V654L- LSLFYKKVY	1437	>RB1-V654L- LSLFYKKLY	107	1330
>RB1-V654L- LSLFYKKVY	420	>RB1-V654L- LSLFYKKLY	471	51
>RB1-V654L- LSLFYKKVYR	4	>RB1-V654L- LSLFYKKLYR	5	1
>RB1-V654L- LSLFYKKVYR	149	>RB1-V654L- LSLFYKKLYR	162	13
>RB1-V654L- LSLFYKKVYR	21	>RB1-V654L- LSLFYKKLYR	27	6
>RB1-V654L- LSLFYKKVY	91	>RB1-V654L- LSLFYKKLY	420	329
>RB1-V654L- LSLFYKKV	951	>RB1-V654L- LSLFYKKL	25	926
>RB1-V654L- LSLFYKKVY	7	>RB1-V654L- LSLFYKKLY	8	1
>RB1-V654L- LSLFYKKVYRL	14	>RB1-V654L- LSLFYKKLYRL	17	3
>RB1-V654L- LSLFYKKVY	23	>RB1-V654L- LSLFYKKLY	13	10
>RB1-V654L- LSLFYKKVYRL	388	>RB1-V654L- LSLFYKKLYRL	268	120
>RB1-V654L- LSLFYKKVYR	387	>RB1-V654L- LSLFYKKLYR	300	87
>RB1-V654L- LSLFYKKVYR	194	>RB1-V654L- LSLFYKKLYR	167	27
>RB1-V654L- SLSLFYKKV	34	>RB1-V654L- SLSLFYKKL	52	18
>RB1-V654L- SLSLFYKKV	27	>RB1-V654L- SLSLFYKKL	291	264
>RB1-V654L- SLSLFYKKV	19	>RB1-V654L- SLSLFYKKL	279	260
>RB1-V654L- SLSLFYKKV	303	>RB1-V654L- SLSLFYKKL	2945	2642
>RB1-V654L- SLSLFYKKV	27	>RB1-V654L- SLSLFYKKL	458	431
>RB1-V654L- SLSLFYKKV	288	>RB1-V654L- SLSLFYKKL	3978	3690
>RB1-V654L- SLSLFYKKV	4	>RB1-V654L- SLSLFYKKL	31	27
>RB1-V654L- SLSLFYKKVY	959	>RB1-V654L- SLSLFYKKLY	453	506
>RB1-V654L- SLSLFYKKVYR	847	>RB1-V654L- SLSLFYKKLYR	432	415
>RB1-V654L- SLSLFYKKVYR	263	>RB1-V654L- SLSLFYKKLYR	143	120
>RB1-V654L- SLSLFYKKVY	272	>RB1-V654L- SLSLFYKKLY	175	97
>RB1-V654L- SLSLFYKKVY	478	>RB1-V654L- SLSLFYKKLY	156	322
>RB1-V654L- SLSLFYKKVYR	17	>RB1-V654L- SLSLFYKKLYR	27	10
>RB1-V654L- SLSLFYKKVYR	240	>RB1-V654L- SLSLFYKKLYR	433	193
>RB1-V654L- SLSLFYKKVYR	85	>RB1-V654L- SLSLFYKKLYR	154	69
>RB1-V654L- SLSLFYKKVY	429	>RB1-V654L- SLSLFYKKLY	783	354
>RB1-V654L- SLSLFYKKVY	481	>RB1-V654L- SLSLFYKKLY	1390	909
>RB1-V654L- SLSLFYKKVY	97	>RB1-V654L- SLSLFYKKLY	70	27



>RB1-V654L- SLSLFYKKVYR	32	>RB1-V654L- SLSLFYKKLYR	31	1
>RB1-V654L- TSLSLFYKKVY	896	>RB1-V654L- TSLSLFYKKLY	269	627
>RB1-V654L- TSLSLFYKKVY	301	>RB1-V654L- TSLSLFYKKLY	53	248
>RB1-V654L- TSLSLFYKKVY	133	>RB1-V654L- TSLSLFYKKLY	147	14
>RB1-V654L- TSLSLFYKKV	108	>RB1-V654L- TSLSLFYKKL	918	810
>RB1-V654L- TSLSLFYKKVY	193	>RB1-V654L- TSLSLFYKKLY	638	445
>RB1-V654L- TSLSLFYKKV	5609	>RB1-V654L- TSLSLFYKKL	247	5362
>RB1-V654L- TSLSLFYKKVY	35	>RB1-V654L- TSLSLFYKKLY	45	10
>RB1-V654L- TSLSLFYKKVY	19	>RB1-V654L- TSLSLFYKKLY	13	6
>RB1-V754G- VFYNSVFM	262	>RB1-V754G- GFYNSVFM	4734	4472
>RB1-V754G- VFYNSVFMQ	51	>RB1-V754G- GFYNSVFMQ	629	578
>RB1-V754G- VFYNSVFMQ	418	>RB1-V754G- GFYNSVFMQ	492	74
>RB1-V754G- VFYNSVFMQ	82	>RB1-V754G- GFYNSVFMQ	297	215
>RB1-V754G- VFYNSVFMQ	190	>RB1-V754G- GFYNSVFMQ	227	37
>RB1-V754G- VFYNSVFMQ	9	>RB1-V754G- GFYNSVFMQ	16	7
>RB1-V754G- VFYNSVFMQ	43	>RB1-V754G- GFYNSVFMQ	126	83
>RB1-V754G- VFYNSVFMQ	87	>RB1-V754G- GFYNSVFMQ	140	53
>RB1-V754G- VFYNSVFMQ	376	>RB1-V754G- GFYNSVFMQ	277	99
>RB1-V754G- VFYNSVFMQ	1084	>RB1-V754G- GFYNSVFMQ	245	839
>RB1-V754G- VFYNSVFMQ	112	>RB1-V754G- GFYNSVFMQ	170	58
>RB1-V754G- VFYNSVFM	287	>RB1-V754G- GFYNSVFM	986	699
>RB1-V754G- IVFYNSVFM	162	>RB1-V754G- IGFYNSVFM	87	75
>RB1-V754G- IVFYNSVFM	171	>RB1-V754G- IGFYNSVFM	381	210
>RB1-V754G- IVFYNSVFM	1251	>RB1-V754G- IGFYNSVFM	202	1049
>RB1-V754G- IVFYNSVFM	285	>RB1-V754G- IGFYNSVFM	2585	2300
>RB1-V754G- IVFYNSVFM	328	>RB1-V754G- IGFYNSVFM	4628	4300
>RB1-V754G- IVFYNSVFM	80	>RB1-V754G- IGFYNSVFM	2551	2471
>RB1-V754G- IVFYNSVFM	29	>RB1-V754G- IGFYNSVFM	1288	1259
>RB1-V754G- IVFYNSVF	454	>RB1-V754G- IGFYNSVF	1526	1072
>RB1-V754G- IVFYNSVFM	132	>RB1-V754G- IGFYNSVFM	2714	2582
>RB1-V754G- IVFYNSVFM	14	>RB1-V754G- IGFYNSVFM	86	72
>RB1-V754G- IVFYNSVF	31	>RB1-V754G- IGFYNSVF	3062	3031
>RB1-V754G- IVFYNSVFM	204	>RB1-V754G- IGFYNSVFM	14700	14496
>RB1-V754G- IVFYNSVFM	37	>RB1-V754G- IGFYNSVFM	2438	2401
>RB1-V754G- IVFYNSVFM	353	>RB1-V754G- IGFYNSVFM	11221	10868
>RB1-V754G- IVFYNSVFM	2	>RB1-V754G- IGFYNSVFM	17	15
>RB1-V754G- IVFYNSVFM	75	>RB1-V754G- IGFYNSVFM	6846	6771
>RB1-V754G- IVFYNSVF	41	>RB1-V754G- IGFYNSVF	91	50
>RB1-V754G- IVFYNSVFM	207	>RB1-V754G- IGFYNSVFM	977	770
>RB1-V754G- IVFYNSVF	216	>RB1-V754G- IGFYNSVF	702	486
>RB1-V754G- IVFYNSVF	6	>RB1-V754G- IGFYNSVF	11	5
>RB1-V754G- IVFYNSVFM	62	>RB1-V754G- IGFYNSVFM	97	35
>RB1-V754G- IVFYNSVF	19	>RB1-V754G- IGFYNSVF	98	79

>RB1-V754G·IVFYNSVFM	131	>RB1-V754G·IGFYNSVFM	733	602
>RB1-V754G·IVFYNSVF	157	>RB1-V754G·IGFYNSVF	435	278
>RB1-V754G·IVFYNSVFM	428	>RB1-V754G·IGFYNSVFM	1129	701
>RB1-V754G·IVFYNSVFM	76	>RB1-V754G·IGFYNSVFM	249	173
>RB1-V754G·IVFYNSVFM	228	>RB1-V754G·IGFYNSVFM	388	160
>RB1-V754G·IVFYNSVFM	98	>RB1-V754G·IGFYNSVFM	98	0
>RB1-V754G·IIVFYNSV	40	>RB1-V754G·IIGFYNSV	485	445
>RB1-V754G·IIVFYNSV	242	>RB1-V754G·IIGFYNSV	469	227
>RB1-V754G·IIVFYNSV	29	>RB1-V754G·IIGFYNSV	65	36
>RB1-V754G·IIVFYNSV	15	>RB1-V754G·IIGFYNSV	63	48
>RB1-V754G·IIVFYNSV	32	>RB1-V754G·IIGFYNSV	269	237
>RB1-V754G·IIVFYNSV	42	>RB1-V754G·IIGFYNSV	39	3
>RB1-V754G·IIVFYNSV	987	>RB1-V754G·IIGFYNSV	215	772
>RB1-V754G·IIVFYNSV	19	>RB1-V754G·IIGFYNSV	17	2
>RB1-V754G·IIVFYNSVF	442	>RB1-V754G·IIGFYNSVF	8338	7896
>RB1-V754G·IIVFYNSVFM	305	>RB1-V754G·IIGFYNSVFM	8012	7707
>RB1-V754G·IIVFYNSV	123	>RB1-V754G·IIGFYNSV	1031	908
>RB1-V754G·IIVFYNSVF	63	>RB1-V754G·IIGFYNSVF	76	13
>RB1-V754G·IIVFYNSVF	26	>RB1-V754G·IIGFYNSVF	186	160
>RB1-V754G·IIVFYNSVF	193	>RB1-V754G·IIGFYNSVF	3687	3494
>RB1-V754G·IIVFYNSVF	12	>RB1-V754G·IIGFYNSVF	33	21
>RB1-V754G·IIVFYNSVFM	196	>RB1-V754G·IIGFYNSVFM	274	78
>RB1-V754G·SIIVFYNSVFM	491	>RB1-V754G·SIIGFYNSVFM	2509	2018
>RB1-V754G·SIIVFYNS	179	>RB1-V754G·SIIGFYNS	1091	912
>RB1-V754G·SIIVFYNSV	17	>RB1-V754G·SIIGFYNSV	21	4
>RB1-V754G·SIIVFYNSVFM	110	>RB1-V754G·SIIGFYNSVFM	134	24
>RB1-V754G·SIIVFYNSV	123	>RB1-V754G·SIIGFYNSV	42	81
>RB1-V754G·SIIVFYNSVFM	1333	>RB1-V754G·SIIGFYNSVFM	447	886
>RB1-V754G·SIIVFYNSV	23	>RB1-V754G·SIIGFYNSV	8	15
>RB1-V754G·SIIVFYNSVFM	296	>RB1-V754G·SIIGFYNSVFM	81	215
>RB1-V754G·SIIVFYNSV	19	>RB1-V754G·SIIGFYNSV	7	12
>RB1-V754G·SIIVFYNSV	26	>RB1-V754G·SIIGFYNSV	13	13
>RB1-V754G·SIIVFYNSVFM	686	>RB1-V754G·SIIGFYNSVFM	248	438
>RB1-V754G·SIIVFYNSV	46	>RB1-V754G·SIIGFYNSV	9	37
>RB1-V754G·SIIVFYNSVFM	2578	>RB1-V754G·SIIGFYNSVFM	476	2102
>RB1-V754G·SIIVFYNSV	244	>RB1-V754G·SIIGFYNSV	178	66
>RB1-V754G·SIIVFYNSV	111	>RB1-V754G·SIIGFYNSV	43	68
>RB1-V754G·SIIVFYNSV	13	>RB1-V754G·SIIGFYNSV	4	9
>RB1-V754G·SIIVFYNSVFM	513	>RB1-V754G·SIIGFYNSVFM	83	430
>RB1-V754G·SIIVFYNSVF	72	>RB1-V754G·SIIGFYNSVF	14	58
>RB1-V754G·SIIVFYNSVFM	53	>RB1-V754G·SIIGFYNSVFM	12	41
>RB1-V754G·SIIVFYNSVF	720	>RB1-V754G·SIIGFYNSVF	173	547
>RB1-V754G·SIIVFYNSV	39	>RB1-V754G·SIIGFYNSV	21	18

>RB1-V754G·SIIVFYNSVFM	493	>RB1-V754G·SIIGFYNSVFM	231	262
>RB1-V754G·SIIVFYNSV	29	>RB1-V754G·SIIGFYNSV	20	9
>RB1-V754G·SIIVFYNSVFM	364	>RB1-V754G·SIIGFYNSVFM	261	103
>RB1-V754G·SIIVFYNSVF	64	>RB1-V754G·SIIGFYNSVF	59	5
>RB1-V754G·SIIVFYNSVF	419	>RB1-V754G·SIIGFYNSVF	256	163
>RB1-V754G·SIIVFYNSVF	41	>RB1-V754G·SIIGFYNSVF	107	66
>RB1-V754G·SIIVFYNSVF	167	>RB1-V754G·SIIGFYNSVF	210	43
>RB1-V754G·DSIIVFYNSVF	55	>RB1-V754G·DSIIGFYNSVF	29	26
>RB1-V754G·DSIIVFYNS	286	>RB1-V754G·DSIIGFYNS	1913	1627
>RB1-V754G·DSIIVFYNSV	117	>RB1-V754G·DSIIGFYNSV	129	12
>RB1-V754G·DSIIVFYNSV	78	>RB1-V754G·DSIIGFYNSV	77	1
>RB1-V754G·DSIIVFYNSVF	489	>RB1-V754G·DSIIGFYNSVF	490	1
>RB1-V754G·DSIIVFYNSVF	198	>RB1-V754G·DSIIGFYNSVF	53	145
>RB1-V754G·DSIIVFYNSVF	217	>RB1-V754G·DSIIGFYNSVF	238	21
>RB1-V754G·YDSIIVFYNSV	190	>RB1-V754G·YDSIIGFYNSV	401	211
>RB1-V754G·YDSIIVFY	107	>RB1-V754G·YDSIIGFY	78	29
>RB1-V754G·YDSIIVFY	1715	>RB1-V754G·YDSIIGFY	443	1272
>RB1-V754G·YDSIIVFY	657	>RB1-V754G·YDSIIGFY	370	287
>RB1-V754G·YDSIIVFYNSV	119	>RB1-V754G·YDSIIGFYNSV	479	360
>RB1-V754G·YDSIIVFYNSV	182	>RB1-V754G·YDSIIGFYNSV	365	183
>RB1-V754G·EYDSIIVF	297	>RB1-V754G·EYDSIIGF	1359	1062
>RB1-V754G·EYDSIIVF	449	>RB1-V754G·EYDSIIGF	1755	1306
>RB1-V754G·EYDSIIVF	31	>RB1-V754G·EYDSIIGF	58	27
>RB1-V754G·EYDSIIVFY	758	>RB1-V754G·EYDSIIGFY	243	515
>RB1-V754G·EYDSIIVFY	455	>RB1-V754G·EYDSIIGFY	466	11
>RB1-V754G·EYDSIIVFY	367	>RB1-V754G·EYDSIIGFY	60	307
>RB1-V754G·EYDSIIVFY	471	>RB1-V754G·EYDSIIGFY	1071	600
>RB1-V754G·EYDSIIVFY	381	>RB1-V754G·EYDSIIGFY	144	237
>RB1-V754G·EYDSIIVFY	752	>RB1-V754G·EYDSIIGFY	380	372
>RB1-V754G·EYDSIIVF	475	>RB1-V754G·EYDSIIGF	752	277
>RB1-V754G·EEYDSIIV	39	>RB1-V754G·EEYDSIIG	1169	1130
>RB1-V754G·EEYDSIIVFY	119	>RB1-V754G·EEYDSIIGFY	79	40
>RB1-V754G·EEYDSIIVFY	101	>RB1-V754G·EEYDSIIGFY	54	47
>RB1-V754G·EEYDSIIVFY	288	>RB1-V754G·EEYDSIIGFY	556	268
>RB1-V754G·EEYDSIIVFY	380	>RB1-V754G·EEYDSIIGFY	65	315
>RB1-V754G·EEYDSIIVF	390	>RB1-V754G·EEYDSIIGF	1918	1528
>RB1-V754G·EEYDSIIVF	46	>RB1-V754G·EEYDSIIGF	167	121
>RB1-V754G·EEYDSIIVFY	277	>RB1-V754G·EEYDSIIGFY	1421	1144
>RB1-V754G·EEYDSIIVF	31	>RB1-V754G·EEYDSIIGF	48	17
>RB1-V754G·EEYDSIIVFY	59	>RB1-V754G·EEYDSIIGFY	107	48
>RB1-V754G·EEYDSIIV	103	>RB1-V754G·EEYDSIIG	11376	11273
>RB1-V754G·EEYDSIIVF	118	>RB1-V754G·EEYDSIIGF	120	2
>RB1-V754G·EEYDSIIV	322	>RB1-V754G·EEYDSIIG	11052	10730

>RB1-V754G·EEYDSIIVF	89	>RB1-V754G·EEYDSIIGF	170	81
>RB1-V754G·EEYDSIIVF	262	>RB1-V754G·EEYDSIIGF	135	127
>RB1-V754G·EEYDSIIVFY	28	>RB1-V754G·EEYDSIIGFY	39	11
>RB1-V754G·EEYDSIIV	281	>RB1-V754G·EEYDSIIG	1925	1644
>RB1-V754G·EEYDSIIVF	25	>RB1-V754G·EEYDSIIGF	18	7
>RB1-V754G·EEYDSIIVFY	24	>RB1-V754G·EEYDSIIGFY	32	8
>RB1-V754G·EEYDSIIVFYFN	265	>RB1-V754G·EEYDSIIGFYFN	301	36
>RB1-V754G·EEYDSIIV	24	>RB1-V754G·EEYDSIIG	425	401
>RB1-V754G·EEYDSIIVF	126	>RB1-V754G·EEYDSIIGF	206	80
>RB1-V754G·EEYDSIIVFY	440	>RB1-V754G·EEYDSIIGFY	603	163
>RB1-V754G·EEYDSIIVFYFN	105	>RB1-V754G·EEYDSIIGFYFN	167	62
>RB1-V754G·EEYDSIIVF	148	>RB1-V754G·EEYDSIIGF	113	35
>RB1-V754G·EEEYDSIIV	475	>RB1-V754G·EEEYDSIIG	24304	23829
>RB1-V754G·EEEYDSIIVFY	668	>RB1-V754G·EEEYDSIIGFY	376	292
>RB1-V754G·EEEYDSIIVF	301	>RB1-V754G·EEEYDSIIGF	767	466
>RB1-V754G·EEEYDSIIV	72	>RB1-V754G·EEEYDSIIG	9624	9552
>RB1-V754G·EEEYDSIIVF	148	>RB1-V754G·EEEYDSIIGF	93	55
>RB1-V754G·EEEYDSIIVF	429	>RB1-V754G·EEEYDSIIGF	423	6
>RB1-V754G·EEEYDSIIVFY	110	>RB1-V754G·EEEYDSIIGFY	181	71
>RB1-V754G·EEEYDSIIV	76	>RB1-V754G·EEEYDSIIG	1320	1244
>RB1-V754G·EEEYDSIIVF	440	>RB1-V754G·EEEYDSIIGF	886	446
>RB1-V754G·EEEYDSIIVF	420	>RB1-V754G·EEEYDSIIGF	199	221
>RB1-V754G·KEEEYDSIIVF	153	>RB1-V754G·KEEEYDSIIGF	304	151
>RB1-V754G·KEEEYDSIIVF	46	>RB1-V754G·KEEEYDSIIGF	49	3
>RB1-V754G·KEEEYDSIIVF	177	>RB1-V754G·KEEEYDSIIGF	346	169
>RB1-V754G·KEEEYDSIIVF	168	>RB1-V754G·KEEEYDSIIGF	114	54
>RB1-V754G·KEEEYDSIIV	275	>RB1-V754G·KEEEYDSIIG	19763	19488
>RB1-V754G·KEEEYDSIIVF	152	>RB1-V754G·KEEEYDSIIGF	121	31
>RB1-Y659F·YLRLNTLCERL	95	>RB1-Y659F·FLRLNTLCERL	51	44
>RB1-Y659F·YLRLNTLCERL	125	>RB1-Y659F·FLRLNTLCERL	91	34
>RB1-Y659F·YLRLNTLCERL	124	>RB1-Y659F·FLRLNTLCERL	162	38
>RB1-Y659F·YLRLNTLCERL	288	>RB1-Y659F·FLRLNTLCERL	392	104
>RB1-Y659F·YLRLNTLCERL	275	>RB1-Y659F·FLRLNTLCERL	515	240
>RB1-Y659F·YLRLNTLC	31	>RB1-Y659F·FLRLNTLC	41	10
>RB1-Y659F·YLRLNTLCERL	6	>RB1-Y659F·FLRLNTLCERL	7	1
>RB1-Y659F·YLRLNTLCER	45	>RB1-Y659F·FLRLNTLCER	46	1
>RB1-Y659F·YLRLNTLCER	235	>RB1-Y659F·FLRLNTLCER	116	119
>RB1-Y659F·YLRLNTLCERL	233	>RB1-Y659F·FLRLNTLCERL	203	30
>RB1-Y659F·YLRLNTLCER	419	>RB1-Y659F·FLRLNTLCER	736	317
>RB1-Y659F·AYLRLNTL	4	>RB1-Y659F·AFLRLNTL	92	88
>RB1-Y659F·AYLRLNTL	318	>RB1-Y659F·AFLRLNTL	1368	1050
>RB1-Y659F·AYLRLNTL	160	>RB1-Y659F·AFLRLNTL	1325	1165
>RB1-Y659F·AYLRLNTL	6	>RB1-Y659F·AFLRLNTL	49	43

>RB1-Y659F-AYLRLNTLCEI	15	>RB1-Y659F-AFLRLNTLCEI	13	2
>RB1-Y659F-AYLRLNTLCEI	222	>RB1-Y659F-AFLRLNTLCEI	260	38
>RB1-Y659F-AYLRLNTLCEI	97	>RB1-Y659F-AFLRLNTLCEI	249	152
>RB1-Y659F-AYLRLNTL	357	>RB1-Y659F-AFLRLNTL	595	238
>RB1-Y659F-AYLRLNTL	393	>RB1-Y659F-AFLRLNTL	505	112
>RB1-Y659F-LFYKKVYRLA\	5823	>RB1-Y659F-LFYKKVYRLA\	52	5771
>RB1-Y659F-LFYKKVYRLA\	4952	>RB1-Y659F-LFYKKVYRLA\	15	4937
>RB1-Y659F-LFYKKVYRLA\	9	>RB1-Y659F-LFYKKVYRLA\	191	182
>RB1-Y659F-LFYKKVYRLA\	350	>RB1-Y659F-LFYKKVYRLA\	14872	14522
>RB1-Y659F-LFYKKVYRLA\	172	>RB1-Y659F-LFYKKVYRLA\	16637	16465
>RB1-Y659F-LFYKKVYRLA\	6395	>RB1-Y659F-LFYKKVYRLA\	368	6027
>RB1-Y659F-LFYKKVYRLA\	179	>RB1-Y659F-LFYKKVYRLA\	205	26
>RB1-Y659F-LFYKKVYRLA\	349	>RB1-Y659F-LFYKKVYRLA\	942	593
>RB1-Y659F-LFYKKVYRLA\	297	>RB1-Y659F-LFYKKVYRLA\	85	212
>RB1-Y659F-LFYKKVYRLA\	305	>RB1-Y659F-LFYKKVYRLA\	716	411
>RB1-Y659F-LFYKKVYRLA\	110	>RB1-Y659F-LFYKKVYRLA\	547	437
>RB1-Y659F-LFYKKVYRLA\	239	>RB1-Y659F-LFYKKVYRLA\	9210	8971
>RB1-Y659F-LAYLRLNTL	14	>RB1-Y659F-LAFLRLNTL	28	14
>RB1-Y659F-LAYLRLNTL	339	>RB1-Y659F-LAFLRLNTL	341	2
>RB1-Y659F-LAYLRLNTL	60	>RB1-Y659F-LAFLRLNTL	92	32
>RB1-Y659F-LAYLRLNTL	34	>RB1-Y659F-LAFLRLNTL	57	23
>RB1-Y659F-LAYLRLNTL	969	>RB1-Y659F-LAFLRLNTL	401	568
>RB1-Y659F-RLAYLRLNTL	107	>RB1-Y659F-RLAFLRLNTL	183	76
>RB1-Y659F-RLAYLRLNTL	35	>RB1-Y659F-RLAFLRLNTL	51	16
>RB1-Y659F-RLAYLRLNTL	49	>RB1-Y659F-RLAFLRLNTL	102	53
>RB1-Y659F-RLAYLRLNTL	386	>RB1-Y659F-RLAFLRLNTL	593	207
>RB1-Y659F-RLAYLRLNTL	356	>RB1-Y659F-RLAFLRLNTL	150	206
>RB1-Y659F-RLAYLRLNTL	189	>RB1-Y659F-RLAFLRLNTL	205	16
>RB1-Y659F-RLAYLRLNTL	238	>RB1-Y659F-RLAFLRLNTL	148	90
>RB1-Y659F-RLAYLRLNTL	32	>RB1-Y659F-RLAFLRLNTL	17	15
>RB1-Y659F-RLAYLRLNTL	32	>RB1-Y659F-RLAFLRLNTL	39	7
>RB1-Y659F-RLAYLRLNTL	366	>RB1-Y659F-RLAFLRLNTL	448	82
>RB1-Y659F-YRLAYLRLNTI	424	>RB1-Y659F-YRLAFLRLNTI	715	291
>RB1-Y659F-YRLAYLRL	179	>RB1-Y659F-YRLAFLRL	169	10
>RB1-Y659F-YRLAYLRLNTI	123	>RB1-Y659F-YRLAFLRLNTI	125	2
>RB1-Y659F-YRLAYLRL	21	>RB1-Y659F-YRLAFLRL	18	3
>RB1-Y659F-YRLAYLRLN	224	>RB1-Y659F-YRLAFLRLN	177	47
>RB1-Y659F-YRLAYLRLNT	147	>RB1-Y659F-YRLAFLRLNT	157	10
>RB1-Y659F-YRLAYLRLNTI	35	>RB1-Y659F-YRLAFLRLNTI	31	4
>RB1-Y659F-YRLAYLRL	42	>RB1-Y659F-YRLAFLRL	64	22
>RB1-Y659F-YRLAYLRLNTI	23	>RB1-Y659F-YRLAFLRLNTI	34	11
>RB1-Y659F-YRLAYLRL	385	>RB1-Y659F-YRLAFLRL	216	169
>RB1-Y659F-YRLAYLRLNTI	91	>RB1-Y659F-YRLAFLRLNTI	78	13

>RB1-Y659F- YRLAYLRL	187	>RB1-Y659F- YRLAFLRL	134	53
>RB1-Y659F- YRLAYLRLNTI	10	>RB1-Y659F- YRLAFLRLNTI	10	0
>RB1-Y659F- VYRLAYLRL	137	>RB1-Y659F- VYRLAFLRL	243	106
>RB1-Y659F- VYRLAYLRL	205	>RB1-Y659F- VYRLAFLRL	123	82
>RB1-Y659F- VYRLAYLRL	185	>RB1-Y659F- VYRLAFLRL	173	12
>RB1-Y659F- VYRLAYLRL	42	>RB1-Y659F- VYRLAFLRL	53	11
>RB1-Y659F- VYRLAYLR	198	>RB1-Y659F- VYRLAFLR	207	9
>RB1-Y659F- VYRLAYLRL	44	>RB1-Y659F- VYRLAFLRL	84	40
>RB1-Y659F- VYRLAYLRLN`	249	>RB1-Y659F- VYRLAFLRLN`	334	85
>RB1-Y659F- VYRLAYLR	21	>RB1-Y659F- VYRLAFLR	17	4
>RB1-Y659F- VYRLAYLR	31	>RB1-Y659F- VYRLAFLR	25	6
>RB1-Y659F- VYRLAYLR	45	>RB1-Y659F- VYRLAFLR	54	9
>RB1-Y659F- VYRLAYLRL	537	>RB1-Y659F- VYRLAFLRL	216	321
>RB1-Y659F- KVYRLAYL	9	>RB1-Y659F- KVYRLAFL	11	2
>RB1-Y659F- KVYRLAYL	78	>RB1-Y659F- KVYRLAFL	99	21
>RB1-Y659F- KVYRLAYL	41	>RB1-Y659F- KVYRLAFL	47	6
>RB1-Y659F- KVYRLAYLRL	233	>RB1-Y659F- KVYRLAFLRL	208	25
>RB1-Y659F- KVYRLAYL	71	>RB1-Y659F- KVYRLAFL	78	7
>RB1-Y659F- KVYRLAYLRL	376	>RB1-Y659F- KVYRLAFLRL	244	132
>RB1-Y659F- KVYRLAYL	16	>RB1-Y659F- KVYRLAFL	12	4
>RB1-Y659F- KVYRLAYLRL	579	>RB1-Y659F- KVYRLAFLRL	223	356
>RB1-Y659F- KVYRLAYL	20	>RB1-Y659F- KVYRLAFL	45	25
>RB1-Y659F- KVYRLAYLRL	231	>RB1-Y659F- KVYRLAFLRL	219	12
>RB1-Y659F- KVYRLAYL	143	>RB1-Y659F- KVYRLAFL	288	145
>RB1-Y659F- KVYRLAYL	138	>RB1-Y659F- KVYRLAFL	105	33
>RB1-Y659F- KVYRLAYL	119	>RB1-Y659F- KVYRLAFL	157	38
>RB1-Y659F- KVYRLAYLRL	497	>RB1-Y659F- KVYRLAFLRL	301	196
>RB1-Y659F- KVYRLAYLR	49	>RB1-Y659F- KVYRLAFLR	36	13
>RB1-Y659F- KVYRLAYLR	16	>RB1-Y659F- KVYRLAFLR	12	4
>RB1-Y659F- KVYRLAYL	47	>RB1-Y659F- KVYRLAFL	31	16
>RB1-Y659F- KVYRLAYLR	311	>RB1-Y659F- KVYRLAFLR	184	127
>RB1-Y659F- KVYRLAYLRL	92	>RB1-Y659F- KVYRLAFLRL	107	15
>RB1-Y659F- KVYRLAYL	108	>RB1-Y659F- KVYRLAFL	134	26
>RB1-Y659F- KVYRLAYLR	6	>RB1-Y659F- KVYRLAFLR	6	0
>RB1-Y659F- KVYRLAYL	83	>RB1-Y659F- KVYRLAFL	89	6
>RB1-Y659F- KVYRLAYLR	196	>RB1-Y659F- KVYRLAFLR	656	460
>RB1-Y659F- KVYRLAYLRL	39	>RB1-Y659F- KVYRLAFLRL	31	8
>RB1-Y659F- KVYRLAYLR	25	>RB1-Y659F- KVYRLAFLR	16	9
>RB1-Y659F- KVYRLAYL	53	>RB1-Y659F- KVYRLAFL	54	1
>RB1-Y659F- KVYRLAYLRL	50	>RB1-Y659F- KVYRLAFLRL	48	2
>RB1-Y659F- KVYRLAYL	97	>RB1-Y659F- KVYRLAFL	143	46
>RB1-Y659F- KVYRLAYLRL	77	>RB1-Y659F- KVYRLAFLRL	83	6
>RB1-Y659F- KVYRLAYLR	12	>RB1-Y659F- KVYRLAFLR	21	9

>RB1-Y659F- KKVYRLAY	390	>RB1-Y659F- KKVYRLAF	17642	17252
>RB1-Y659F- KKVYRLAYLR	62	>RB1-Y659F- KKVYRLAFLR	58	4
>RB1-Y659F- KKVYRLAY	5	>RB1-Y659F- KKVYRLAF	3	2
>RB1-Y659F- KKVYRLAYL	35	>RB1-Y659F- KKVYRLAFL	53	18
>RB1-Y659F- KKVYRLAYLRI	62	>RB1-Y659F- KKVYRLAFLRI	64	2
>RB1-Y659F- KKVYRLAYLRI	576	>RB1-Y659F- KKVYRLAFLRI	457	119
>RB1-Y659F- KKVYRLAYL	946	>RB1-Y659F- KKVYRLAFL	459	487
>RB1-Y659F- KKVYRLAYLRI	715	>RB1-Y659F- KKVYRLAFLRI	388	327
>RB1-Y659F- KKVYRLAYLR	586	>RB1-Y659F- KKVYRLAFLR	409	177
>RB1-Y659F- KKVYRLAYLR	54	>RB1-Y659F- KKVYRLAFLR	103	49
>RB1-Y659F- YKKVYRLAY	322	>RB1-Y659F- YKKVYRLAF	9286	8964
>RB1-Y659F- YKKVYRLAYLI	679	>RB1-Y659F- YKKVYRLAFLI	455	224
>RB1-Y659F- YKKVYRLAY	2796	>RB1-Y659F- YKKVYRLAF	105	2691
>RB1-Y659F- YKKVYRLAY	3	>RB1-Y659F- YKKVYRLAF	2	1
>RB1-Y659F- YKKVYRLAYL	21	>RB1-Y659F- YKKVYRLAFL	28	7
>RB1-Y659F- YKKVYRLAYLI	296	>RB1-Y659F- YKKVYRLAFLI	417	121
>RB1-Y659F- YKKVYRLAYLI	408	>RB1-Y659F- YKKVYRLAFLI	872	464
>RB1-Y659F- FYKKVYRLAYI	90	>RB1-Y659F- FYKKVYRLAFI	116	26
>RB1-Y659F- FYKKVYRLAYI	248	>RB1-Y659F- FYKKVYRLAFI	245	3
>RB1-Y659F- FYKKVYRLAY	1823	>RB1-Y659F- FYKKVYRLAF	20	1803
>RB1-Y659F- FYKKVYRLAYI	268	>RB1-Y659F- FYKKVYRLAFI	270	2
>RB1-Y659F- FYKKVYRLAY	1099	>RB1-Y659F- FYKKVYRLAF	37	1062
>RB1-Y659F- FYKKVYRLAYI	276	>RB1-Y659F- FYKKVYRLAFI	170	106
>RB1-Y659F- FYKKVYRLAY	210	>RB1-Y659F- FYKKVYRLAF	5	205
>RB1-Y659F- FYKKVYRLAYI	6	>RB1-Y659F- FYKKVYRLAFI	7	1
>RB1-Y659F- FYKKVYRLAY	13	>RB1-Y659F- FYKKVYRLAF	51	38
>RB1-Y659F- FYKKVYRLAY	302	>RB1-Y659F- FYKKVYRLAF	15259	14957
>RB1-Y659F- FYKKVYRLAY	226	>RB1-Y659F- FYKKVYRLAF	58	168
>RB1-Y728C- YKDLPHAV	182	>RB1-Y728C- CKDLPHAV	7878	7696
>RB1-Y728C- YKDLPHAV	190	>RB1-Y728C- CKDLPHAV	3091	2901
>RB1-Y728C- AYKDLPHAV	105	>RB1-Y728C- ACKDLPHAV	285	180
>RB1-Y728C- AYKDLPHA	31	>RB1-Y728C- ACKDLPHA	444	413
>RB1-Y728C- AYKDLPHAV	93	>RB1-Y728C- ACKDLPHAV	1653	1560
>RB1-Y728C- AYKDLPHAV(C	453	>RB1-Y728C- ACKDLPHAV(C	3689	3236
>RB1-Y728C- AYKDLPHAV	342	>RB1-Y728C- ACKDLPHAV	9925	9583
>RB1-Y728C- TAYKDLPHAV	67	>RB1-Y728C- TACKDLPHAV	453	386
>RB1-Y728C- TAYKDLPHA	268	>RB1-Y728C- TACKDLPHA	2843	2575
>RB1-Y728C- TAYKDLPHAV	206	>RB1-Y728C- TACKDLPHAV	691	485
>RB1-Y728C- TAYKDLPHAV	54	>RB1-Y728C- TACKDLPHAV	866	812
>RB1-Y728C- TAYKDLPHAV	294	>RB1-Y728C- TACKDLPHAV	7775	7481
>RB1-Y728C- TAYKDLPHAV	86	>RB1-Y728C- TACKDLPHAV	1004	918
>RB1-Y728C- TAYKDLPHAV	9	>RB1-Y728C- TACKDLPHAV	268	259
>RB1-Y728C- TAYKDLPH	411	>RB1-Y728C- TACKDLPH	1834	1423

>RB1-Y728C- VTAYKDLPHA	264	>RB1-Y728C- VTACKDLPHA	291	27
>RB1-Y728C- VTAYKDLPHA	163	>RB1-Y728C- VTACKDLPHA	91	72
>RB1-Y728C- VTAYKDLPHA	358	>RB1-Y728C- VTACKDLPHA	230	128
>RB1-Y728C- VTAYKDLPHA	276	>RB1-Y728C- VTACKDLPHA	64	212
>RB1-Y728C- VTAYKDLPHA	754	>RB1-Y728C- VTACKDLPHA	174	580
>RB1-Y728C- VTAYKDLPHA	20	>RB1-Y728C- VTACKDLPHA	19	1
>RB1-Y728C- VTAYKDLPHA	488	>RB1-Y728C- VTACKDLPHA	228	260
>RB1-Y728C- VTAYKDLPH	308	>RB1-Y728C- VTACKDLPH	435	127
>RB1-Y728C- VTAYKDLPHA	432	>RB1-Y728C- VTACKDLPHA	608	176
>RB1-Y728C- IVTAYKDL	289	>RB1-Y728C- IVTACKDL	7714	7425
>RB1-Y728C- IVTAYKDLPH	216	>RB1-Y728C- IVTACKDLPH	313	97
>RB1-Y728C- IIVTAYKDL	412	>RB1-Y728C- IIVTACKDL	3944	3532
>RB1-Y728C- KIIVTAYK	63	>RB1-Y728C- KIIVTACK	186	123
>RB1-Y728C- KIIVTAYK	15	>RB1-Y728C- KIIVTACK	46	31
>RB1-Y728C- KIIVTAYK	10	>RB1-Y728C- KIIVTACK	36	26
>RB1-Y728C- KIIVTAYK	37	>RB1-Y728C- KIIVTACK	257	220
>RB1-Y728C- KIIVTAYK	172	>RB1-Y728C- KIIVTACK	633	461
>RB1-Y728C- KIIVTAYK	94	>RB1-Y728C- KIIVTACK	1466	1372
>RB1-Y728C- FKIIVTAY	225	>RB1-Y728C- FKIIVTAC	24793	24568
>RB1-Y728C- FKIIVTAYK	42	>RB1-Y728C- FKIIVTACK	147	105
>RB1-Y728C- FKIIVTAY	5	>RB1-Y728C- FKIIVTAC	706	701
>RB1-Y728C- FKIIVTAYKDL	49	>RB1-Y728C- FKIIVTACKDL	66	17
>RB1-Y728C- FKIIVTAY	235	>RB1-Y728C- FKIIVTAC	18183	17948
>RB1-Y728C- KFKIIVTAYK	121	>RB1-Y728C- KFKIIVTACK	507	386
>RB1-Y728C- KFKIIVTAY	379	>RB1-Y728C- KFKIIVTAC	25453	25074
>RB1-Y728C- KFKIIVTAYK	4	>RB1-Y728C- KFKIIVTACK	7	3
>RB1-Y728C- KFKIIVTAY	164	>RB1-Y728C- KFKIIVTAC	25701	25537
>RB1-Y728C- KFKIIVTAY	269	>RB1-Y728C- KFKIIVTAC	3462	3193
>RB1-Y728C- KFKIIVTAYK	11	>RB1-Y728C- KFKIIVTACK	19	8
>RB1-Y728C- KFKIIVTAYK	329	>RB1-Y728C- KFKIIVTACK	3796	3467
>RB1-Y728C- KFKIIVTAYK	148	>RB1-Y728C- KFKIIVTACK	778	630
>RB1-Y728C- KFKIIVTAYK	38	>RB1-Y728C- KFKIIVTACK	367	329
>RB1-Y728C- LKFKIIVTAY	95	>RB1-Y728C- LKFKIIVTAC	27636	27541
>RB1-Y728C- LKFKIIVTAY	262	>RB1-Y728C- LKFKIIVTAC	30634	30372
>RB1-Y728C- LKFKIIVTAYK	73	>RB1-Y728C- LKFKIIVTACK	247	174
>RB1-Y728C- LKFKIIVTAY	2	>RB1-Y728C- LKFKIIVTAC	87	85
>RB1-Y728C- LKFKIIVTAYK	91	>RB1-Y728C- LKFKIIVTACK	94	3
>RB1-Y728C- LKFKIIVTAY	123	>RB1-Y728C- LKFKIIVTAC	28305	28182
>RB1-Y728C- LKFKIIVTAYK	489	>RB1-Y728C- LKFKIIVTACK	3742	3253
>RBM15-G5€ GARDRTPPLL	2711	>RBM15-G5€ RARDRTPPLL	365	2346
>RBM15-G5€ GARDRTPPLL	55	>RBM15-G5€ RARDRTPPLL	124	69
>RBM15-G5€ GARDRTPP	2883	>RBM15-G5€ RARDRTPP	45	2838
>RBM15-G5€ GARDRTPPL	19	>RBM15-G5€ RARDRTPPL	4	15



>RBM15-G5€ GARDRTPPLL	31	>RBM15-G5€ RARDRTPPLL	4	27
>RBM15-G5€ GARDRTPPLL	131	>RBM15-G5€ RARDRTPPLL	6	125
>RBM15-G5€ GARDRTPPLL	1374	>RBM15-G5€ RARDRTPPLL	46	1328
>RBM15-G5€ GARDRTPPL	52	>RBM15-G5€ RARDRTPPL	7	45
>RBM15-G5€ GARDRTPPL	595	>RBM15-G5€ RARDRTPPL	114	481
>RBM15-G5€ GARDRTPPL	1798	>RBM15-G5€ RARDRTPPL	363	1435
>RBM15-G5€ GARDRTPPLL	872	>RBM15-G5€ RARDRTPPLL	248	624
>RBM15-G5€ GARDRTPPL	5423	>RBM15-G5€ RARDRTPPL	370	5053
>RBM15-G5€ GARDRTPPLL	2238	>RBM15-G5€ RARDRTPPLL	202	2036
>RBM15-G5€ GARDRTPPL	35	>RBM15-G5€ RARDRTPPL	5	30
>RBM15-G5€ GARDRTPPLL	146	>RBM15-G5€ RARDRTPPLL	7	139
>RBM15-G5€ GARDRTPPLL	16	>RBM15-G5€ RARDRTPPLL	4	12
>RBM15-G5€ GARDRTPPLL	8376	>RBM15-G5€ RARDRTPPLL	467	7909
>RBM15-G5€ GARDRTPPLL	100	>RBM15-G5€ RARDRTPPLL	85	15
>RBM15-G5€ GARDRTPPLL	10468	>RBM15-G5€ RARDRTPPLL	498	9970
>RBM15-G5€ RGARDRTPPL	2406	>RBM15-G5€ RRARDRTPPL	63	2343
>RBM15-G5€ RGARDRTPPL	4536	>RBM15-G5€ RRARDRTPPL	160	4376
>RBM15-G5€ RGARDRTPP	21676	>RBM15-G5€ RRARDRTPP	244	21432
>RBM15-G5€ RGARDRTPPL	12207	>RBM15-G5€ RRARDRTPPL	19	12188
>RBM15-G5€ RGARDRTPPL	12148	>RBM15-G5€ RRARDRTPPL	34	12114
>RBM15-G5€ RGARDRTPPL	8245	>RBM15-G5€ RRARDRTPPL	273	7972
>RBM15-G5€ RGARDRTP	16202	>RBM15-G5€ RRARDRTP	62	16140
>RBM15-G5€ RGARDRTPP	24578	>RBM15-G5€ RRARDRTPP	313	24265
>RBM15-G5€ RGARDRTPPL	11218	>RBM15-G5€ RRARDRTPPL	40	11178
>RBM15-G5€ RGARDRTPPL	1670	>RBM15-G5€ RRARDRTPPL	16	1654
>RBM15-G5€ RGARDRTPPL	11723	>RBM15-G5€ RRARDRTPPL	38	11685
>RBM15-G5€ RGARDRTPPL	675	>RBM15-G5€ RRARDRTPPL	7	668
>RBM15-G5€ LRGARDRTPF	1070	>RBM15-G5€ LRRARDRTPP	70	1000
>RBM15-G5€ LRGARDRTPF	1995	>RBM15-G5€ LRRARDRTPP	233	1762
>RBM15-G5€ LRGARDRTPF	2489	>RBM15-G5€ LRRARDRTPP	339	2150
>RBM15-G5€ LRGARDRTPF	320	>RBM15-G5€ LRRARDRTPP	64	256
>RBM15-G5€ RAPDPLRGAF	74	>RBM15-G5€ RAPDPLRRAF	24	50
>RBM15-G5€ RAPDPLRG	35323	>RBM15-G5€ RAPDPLRR	216	35107
>RBM15-G5€ HRAPDPLRG	7015	>RBM15-G5€ HRAPDPLRR	195	6820
>RBM15-G5€ HRAPDPLRG/	174	>RBM15-G5€ HRAPDPLRR/	159	15
>RBM15-G5€ HRAPDPLRG/	830	>RBM15-G5€ HRAPDPLRR/	489	341
>RBM15-G5€ HRAPDPLRG	34563	>RBM15-G5€ HRAPDPLRR	227	34336
>RBM15-K43 KLAMSGKI	103	>RBM15-K43 RLAMSGKI	197	94
>RBM15-K43 KLAMSGKIII	208	>RBM15-K43 RLAMSGKIII	302	94
>RBM15-K43 KLAMSGKI	21	>RBM15-K43 RLAMSGKI	21	0
>RBM15-K43 KLAMSGKII	82	>RBM15-K43 RLAMSGKII	82	0
>RBM15-K43 KLAMSGKIII	322	>RBM15-K43 RLAMSGKIII	349	27
>RBM15-K43 KLAMSGKI	119	>RBM15-K43 RLAMSGKI	124	5

>RBM15-K43 KLAMSGKIII	318	>RBM15-K43 RLAMSGKIII	346	28
>RBM15-K43 KLAMSGKI	156	>RBM15-K43 RLAMSGKI	324	168
>RBM15-K43 KLAMSGKIII	171	>RBM15-K43 RLAMSGKIII	365	194
>RBM15-K43 KLAMSGKI	109	>RBM15-K43 RLAMSGKI	126	17
>RBM15-K43 KLAMSGKII	493	>RBM15-K43 RLAMSGKII	534	41
>RBM15-K43 KLAMSGKIII	118	>RBM15-K43 RLAMSGKIII	130	12
>RBM15-K43 KLAMSGKIIIR	267	>RBM15-K43 RLAMSGKIIIR	281	14
>RBM15-K43 KLAMSGKIIIR	63	>RBM15-K43 RLAMSGKIIIR	58	5
>RBM15-K43 KLAMSGKII	128	>RBM15-K43 RLAMSGKII	68	60
>RBM15-K43 KLAMSGKIII	504	>RBM15-K43 RLAMSGKIII	290	214
>RBM15-K43 KLAMSGKIIIR	92	>RBM15-K43 RLAMSGKIIIR	169	77
>RBM15-K43 KLAMSGKI	678	>RBM15-K43 RLAMSGKI	314	364
>RBM15-K43 KLAMSGKII	1024	>RBM15-K43 RLAMSGKII	462	562
>RBM15-K43 AKLAMSGKII	56	>RBM15-K43 ARLAMSGKII	258	202
>RBM15-K43 AKLAMSGKIII	170	>RBM15-K43 ARLAMSGKIII	922	752
>RBM15-K43 AKLAMSGK	3903	>RBM15-K43 ARLAMSGK	54	3849
>RBM15-K43 AKLAMSGKI	6908	>RBM15-K43 ARLAMSGKI	74	6834
>RBM15-K43 AKLAMSGKII	8688	>RBM15-K43 ARLAMSGKII	82	8606
>RBM15-K43 AKLAMSGKIII	8833	>RBM15-K43 ARLAMSGKIII	148	8685
>RBM15-K43 AKLAMSGKIII	8725	>RBM15-K43 ARLAMSGKIII	393	8332
>RBM15-K43 AKLAMSGKI	17094	>RBM15-K43 ARLAMSGKI	278	16816
>RBM15-K43 AKLAMSGKIII	9636	>RBM15-K43 ARLAMSGKIII	165	9471
>RBM15-K43 RAKLAMSGK	415	>RBM15-K43 RARLAMSGK	176	239
>RBM15-K43 RAKLAMSGK	343	>RBM15-K43 RARLAMSGK	1157	814
>RBM15-K43 RAKLAMSG	54	>RBM15-K43 RARLAMSG	13	41
>RBM15-K43 RAKLAMSGK	5	>RBM15-K43 RARLAMSGK	3	2
>RBM15-K43 RAKLAMSGKI	19	>RBM15-K43 RARLAMSGKI	7	12
>RBM15-K43 RAKLAMSGKI	25	>RBM15-K43 RARLAMSGKI	8	17
>RBM15-K43 RAKLAMSGK	268	>RBM15-K43 RARLAMSGK	618	350
>RBM15-K43 RAKLAMSGKI	5272	>RBM15-K43 RARLAMSGKI	180	5092
>RBM15-K43 RAKLAMSGKI	833	>RBM15-K43 RARLAMSGKI	435	398
>RBM15-K43 RAKLAMSGKI	48	>RBM15-K43 RARLAMSGKI	10	38
>RBM15-K43 RAKLAMSGKI	60	>RBM15-K43 RARLAMSGKI	12	48
>RBM15-K43 RAKLAMSGKI	340	>RBM15-K43 RARLAMSGKI	150	190
>RBM15-K43 RAKLAMSGKI	1446	>RBM15-K43 RARLAMSGKI	499	947
>RBM15-K43 RAKLAMSGKI	1373	>RBM15-K43 RARLAMSGKI	479	894
>RBM15-K43 RAKLAMSGKI	154	>RBM15-K43 RARLAMSGKI	97	57
>RBM15-K43 HRAKLAMSG	653	>RBM15-K43 HRARLAMSG	364	289
>RBM15-K43 HRAKLAMS	534	>RBM15-K43 HRARLAMSG	352	182
>RBM15-K43 HRAKLAMSG	140	>RBM15-K43 HRARLAMSG	112	28
>RBM15-K43 HRAKLAMSG	50	>RBM15-K43 HRARLAMSG	45	5
>RBM15-K43 HRAKLAMSG	272	>RBM15-K43 HRARLAMSG	199	73
>RBM15-K43 SHRAKLAMSG	122	>RBM15-K43 SHRARLAMSG	81	41

>RBM15-K43 SHRAKLAM	1289	>RBM15-K43 SHRARLAM	356	933
>RBM15-K43 SHRAKLAM	623	>RBM15-K43 SHRARLAM	273	350
>RBM15-K43 MSHRAKLAM	385	>RBM15-K43 MSHRARLAM	148	237
>RBM15-K43 MSHRAKLA	21	>RBM15-K43 MSHRARLA	12	9
>RBM15-K43 MSHRAKLAM	17	>RBM15-K43 MSHRARLAM	7	10
>RBM15-K43 MSHRAKLAM	108	>RBM15-K43 MSHRARLAM	43	65
>RBM15-K43 MSHRAKLAM	40	>RBM15-K43 MSHRARLAM	19	21
>RBM15-K43 MSHRAKLAM	954	>RBM15-K43 MSHRARLAM	142	812
>RBM15-K43 MSHRAKLAM	1208	>RBM15-K43 MSHRARLAM	443	765
>RBM15-K43 MSHRAKLAM	274	>RBM15-K43 MSHRARLAM	176	98
>RBM15-K43 MSHRAKLAM	83	>RBM15-K43 MSHRARLAM	35	48
>RBM15-K43 MSHRAKLAM	31	>RBM15-K43 MSHRARLAM	30	1
>RBM15-K43 MSHRAKLAM	158	>RBM15-K43 MSHRARLAM	125	33
>RBM15-K43 MSHRAKLAM	618	>RBM15-K43 MSHRARLAM	386	232
>RBM15-K43 MSHRAKLAM	459	>RBM15-K43 MSHRARLAM	453	6
>RBM15-K43 LDMSHRAKL	387	>RBM15-K43 LDMSHRARL	290	97
>RBM15-K43 LDMSHRAKL	766	>RBM15-K43 LDMSHRARL	498	268
>RBM15-K43 LDMSHRAKL	155	>RBM15-K43 LDMSHRARL	224	69
>RBM15-K43 NLDMSHRAK	453	>RBM15-K43 NLDMSHRAR	444	9
>RBM15-K43 NLDMSHRAK	504	>RBM15-K43 NLDMSHRAR	348	156
>RBM15-K43 NLDMSHRAK	186	>RBM15-K43 NLDMSHRAR	125	61
>REL-E38Q-v EHSTDNNR	327	>REL-E38Q-r QHSTDNNR	3477	3150
>REL-E38Q-v EHSTDNNRT\	1355	>REL-E38Q-r QHSTDNNRT	346	1009
>REL-E38Q-v GEHSTDNNR'	1433	>REL-E38Q-r QQHSTDNNR	137	1296
>REL-E38Q-v GEHSTDNNR	9273	>REL-E38Q-r QQHSTDNNR	193	9080
>REL-E38Q-v GEHSTDNNR'	1319	>REL-E38Q-r QQHSTDNNR	59	1260
>REL-E38Q-v GEHSTDNNR'	1007	>REL-E38Q-r QQHSTDNNR	98	909
>REL-E38Q-v GEHSTDNNR'	798	>REL-E38Q-r QQHSTDNNR	17	781
>REL-E38Q-v GEHSTDNNR'	381	>REL-E38Q-r QQHSTDNNR	8326	7945
>REL-E38Q-v GEHSTDNNR'	138	>REL-E38Q-r QQHSTDNNR	7458	7320
>REL-E38Q-v RSAGSIPGE	207	>REL-E38Q-r RSAGSIPGQ	66	141
>REL-E38Q-v RSAGSIPGEH	96	>REL-E38Q-r RSAGSIPGQH	51	45
>REL-E38Q-v RSAGSIPGEH	1007	>REL-E38Q-r RSAGSIPGQH	466	541
>REL-E38Q-v RSAGSIPGEH	255	>REL-E38Q-r RSAGSIPGQH	249	6
>RET-A664D- AHKPPISSAEI	98	>RET-A664D- DHKPPISSAEI	3302	3204
>RET-A664D- FAHKPPISSA	171	>RET-A664D- FDHKPPISSA	8064	7893
>RET-A664D- KFAHKPPI	339	>RET-A664D- KFDHKPPI	5491	5152
>RET-A664D- KFAHKPPISSA/	458	>RET-A664D- KFDHKPPISSA/	1001	543
>RET-A664D- HKFAHKPP	364	>RET-A664D- HKFDHKPP	604	240
>RET-A664D- HKFAHKPPI	18	>RET-A664D- HKFDHKPPI	38	20
>RET-A664D- HKFAHKPPIS!	288	>RET-A664D- HKFDHKPPIS!	589	301
>RET-A664D- HKFAHKPPI	77	>RET-A664D- HKFDHKPPI	195	118
>RET-A664D- YHKFAHKPPI	389	>RET-A664D- YHKFDHKPPI	601	212

>RET-A664D- CYHKFAHKPF	485	>RET-A664D- CYHKFDHKPF	1274	789
>RET-A664D- CYHKFAHKPF	363	>RET-A664D- CYHKFDHKPF	605	242
>RET-A664D- CYHKFAHK	210	>RET-A664D- CYHKFDHK	201	9
>RET-A664D- CYHKFAHKP	355	>RET-A664D- CYHKFDHKP	634	279
>RET-A664D- CYHKFAHKPF	15	>RET-A664D- CYHKFDHKPF	21	6
>RET-A664D- CYHKFAHK	13	>RET-A664D- CYHKFDHK	94	81
>RET-A664D- CYHKFAHKPF	96	>RET-A664D- CYHKFDHKPF	187	91
>RET-A664D- CYHKFAHK	361	>RET-A664D- CYHKFDHK	1629	1268
>RET-A664D- CYHKFAHK	35	>RET-A664D- CYHKFDHK	57	22
>RET-A664D- HCYHKFAHK	104	>RET-A664D- HCYHKFDHK	1358	1254
>RET-A664D- HCYHKFAHK	37	>RET-A664D- HCYHKFDHK	1061	1024
>RET-A664D- HCYHKFAHK	119	>RET-A664D- HCYHKFDHK	2301	2182
>RET-A664D- HCYHKFAHK	356	>RET-A664D- HCYHKFDHK	2520	2164
>RET-A664D- HCYHKFAHK	70	>RET-A664D- HCYHKFDHK	185	115
>RET-A664D- CIHCYHKFAH	250	>RET-A664D- CIHCYHKFDH	1255	1005
>RET-A664D- CIHCYHKFAH	236	>RET-A664D- CIHCYHKFDH	340	104
>RET-A664D- CIHCYHKFA	115	>RET-A664D- CIHCYHKFD	7157	7042
>RET-A664D- CIHCYHKFAH	14	>RET-A664D- CIHCYHKFDH	99	85
>RET-A664D- CIHCYHKFAH	341	>RET-A664D- CIHCYHKFDH	1918	1577
>RET-A664D- CIHCYHKFAH	377	>RET-A664D- CIHCYHKFDH	539	162
>RET-A664D- CIHCYHKFAH	269	>RET-A664D- CIHCYHKFDH	626	357
>RET-A876V- AARNILVA	21	>RET-A876V- VARNILVA	192	171
>RET-A876V- AARNILVAEG	271	>RET-A876V- VARNILVAEG	2688	2417
>RET-A876V- AARNILVAEG	125	>RET-A876V- VARNILVAEG	190	65
>RET-A876V- AARNILVAEG	519	>RET-A876V- VARNILVAEG	383	136
>RET-A876V- LAARNILV	2273	>RET-A876V- LVARNILV	228	2045
>RET-A876V- LAARNILV	477	>RET-A876V- LVARNILV	85	392
>RET-A876V- LAARNILV	621	>RET-A876V- LVARNILV	61	560
>RET-A876V- LAARNILV	233	>RET-A876V- LVARNILV	34	199
>RET-A876V- LAARNILV	528	>RET-A876V- LVARNILV	104	424
>RET-A876V- LAARNILV	2363	>RET-A876V- LVARNILV	209	2154
>RET-A876V- LAARNILV	4207	>RET-A876V- LVARNILV	466	3741
>RET-A876V- LAARNILV	56	>RET-A876V- LVARNILV	8	48
>RET-A876V- LAARNILVA	6031	>RET-A876V- LVARNILVA	442	5589
>RET-A876V- LAARNILV	170	>RET-A876V- LVARNILV	36	134
>RET-A876V- LAARNILV	925	>RET-A876V- LVARNILV	350	575
>RET-A876V- AEMKLVHRD	2875	>RET-A876V- AEMKLVHRD	40	2835
>RET-A876V- AEMKLVHRD	4495	>RET-A876V- AEMKLVHRD	144	4351
>RET-A876V- AEMKLVHRD	54	>RET-A876V- AEMKLVHRD	48	6
>RET-A876V- AEMKLVHRD	371	>RET-A876V- AEMKLVHRD	176	195
>RET-A876V- AEMKLVHRD	8	>RET-A876V- AEMKLVHRD	21	13
>RET-A876V- AEMKLVHRD	12	>RET-A876V- AEMKLVHRD	3	9
>RET-A876V- DLAARNILV	181	>RET-A876V- DLVARNILV	997	816

>RET-A876V- DLAARNILV	268	>RET-A876V- DLVARNILV	375	107
>RET-A876V- DLAARNILV	63	>RET-A876V- DLVARNILV	313	250
>RET-A876V- DLAARNILV	186	>RET-A876V- DLVARNILV	1007	821
>RET-A876V- DLAARNIL	478	>RET-A876V- DLVARNIL	857	379
>RET-A876V- DLAARNILV	19	>RET-A876V- DLVARNILV	27	8
>RET-A876V- DLAARNILV	142	>RET-A876V- DLVARNILV	408	266
>RET-A876V- DLAARNILV	251	>RET-A876V- DLVARNILV	458	207
>RET-A876V- RDLAARNIL	162	>RET-A876V- RDLVARNIL	238	76
>RET-A876V- RDLAARNILV	292	>RET-A876V- RDLVARNILV	439	147
>RET-A876V- RDLAARNI	23	>RET-A876V- RDLVARNI	38	15
>RET-A876V- RDLAARNIL	514	>RET-A876V- RDLVARNIL	286	228
>RET-A876V- RDLAARNI	102	>RET-A876V- RDLVARNI	92	10
>RET-A876V- RDLAARNILV	104	>RET-A876V- RDLVARNILV	81	23
>RET-A876V- HRDLAARNI	603	>RET-A876V- HRDLVARNI	340	263
>RET-A876V- HRDLAARNIL	51	>RET-A876V- HRDLVARNIL	43	8
>RET-A876V- HRDLAARNIL	30	>RET-A876V- HRDLVARNIL	32	2
>RET-A876V- HRDLAARNIL	272	>RET-A876V- HRDLVARNIL	258	14
>RET-A876V- HRDLAARNIL	811	>RET-A876V- HRDLVARNIL	495	316
>RET-A876V- LVHRDLAA	291	>RET-A876V- LVHRDLVA	494	203
>RET-A876V- LVHRDLAARN	270	>RET-A876V- LVHRDLVARN	520	250
>RET-A876V- LVHRDLAAR	34	>RET-A876V- LVHRDLVAR	44	10
>RET-A876V- LVHRDLAAR	174	>RET-A876V- LVHRDLVAR	249	75
>RET-A876V- KLVHRDLA	1901	>RET-A876V- KLVHRDLV	155	1746
>RET-A876V- KLVHRDLA	368	>RET-A876V- KLVHRDLV	35	333
>RET-A876V- KLVHRDLA	171	>RET-A876V- KLVHRDLV	21	150
>RET-A876V- KLVHRDLAA	167	>RET-A876V- KLVHRDLVA	574	407
>RET-A876V- KLVHRDLA	623	>RET-A876V- KLVHRDLV	48	575
>RET-A876V- KLVHRDLAA	178	>RET-A876V- KLVHRDLVA	1164	986
>RET-A876V- KLVHRDLA	2093	>RET-A876V- KLVHRDLV	33	2060
>RET-A876V- KLVHRDLA	2106	>RET-A876V- KLVHRDLV	49	2057
>RET-A876V- KLVHRDLAA	428	>RET-A876V- KLVHRDLVA	1168	740
>RET-A876V- KLVHRDLA	2023	>RET-A876V- KLVHRDLV	32	1991
>RET-A876V- KLVHRDLA	420	>RET-A876V- KLVHRDLV	12	408
>RET-A876V- KLVHRDLAAF	31	>RET-A876V- KLVHRDLVAF	44	13
>RET-A876V- KLVHRDLAAF	129	>RET-A876V- KLVHRDLVAF	114	15
>RET-A876V- KLVHRDLAAF	70	>RET-A876V- KLVHRDLVAF	47	23
>RET-A876V- MKLVHRDLA	2017	>RET-A876V- MKLVHRDLV	448	1569
>RET-A876V- MKLVHRDLA	272	>RET-A876V- MKLVHRDLV	445	173
>RET-A876V- MKLVHRDLA	181	>RET-A876V- MKLVHRDLV	118	63
>RET-A876V- EMKLVHRDL	374	>RET-A876V- EMKLVHRDL	649	275
>RET-A883F- AEGRKMKISC	3728	>RET-A883F- FEGRKMKISD	322	3406
>RET-A883F- AEGRKMKISC	133	>RET-A883F- FEGRKMKISD	706	573
>RET-A883F- AEGRKMKI	445	>RET-A883F- FEGRKMKI	12034	11589

>RET-A883F- RDLAARNILV	11610	>RET-A883F- RDLAARNILV	98	11512
>RET-A883F- RDLAARNILV	292	>RET-A883F- RDLAARNILV	188	104
>RET-A883F- LVAEGRKMKI	1056	>RET-A883F- LVFEGRKMKI	355	701
>RET-A883F- LVAEGRKMKI	3116	>RET-A883F- LVFEGRKMKI	454	2662
>RET-A883F- LVAEGRKMKI	358	>RET-A883F- LVFEGRKMKI	155	203
>RET-A883F- LVAEGRKMK	610	>RET-A883F- LVFEGRKMK	136	474
>RET-A883F- LVAEGRKMK	547	>RET-A883F- LVFEGRKMK	98	449
>RET-A883F- LVAEGRKMK	1491	>RET-A883F- LVFEGRKMK	110	1381
>RET-A883F- LVAEGRKMK	148	>RET-A883F- LVFEGRKMK	60	88
>RET-A883F- LVAEGRKM	1735	>RET-A883F- LVFEGRKM	240	1495
>RET-A883F- ILVAEGRKMK	445	>RET-A883F- ILVFEGRKMK	799	354
>RET-A883F- ILVAEGRKMK	169	>RET-A883F- ILVFEGRKMK	228	59
>RET-A883F- ILVAEGRKMK	133	>RET-A883F- ILVFEGRKMK	280	147
>RET-A883F- ILVAEGRKMK	52	>RET-A883F- ILVFEGRKMK	160	108
>RET-A883F- ILVAEGRK	225	>RET-A883F- ILVFEGRK	266	41
>RET-A883F- ILVAEGRKMK	195	>RET-A883F- ILVFEGRKMK	74	121
>RET-A883F- NILVAEGR	952	>RET-A883F- NILVFEGR	131	821
>RET-A883F- NILVAEGR	94	>RET-A883F- NILVFEGR	54	40
>RET-A883F- NILVAEGRK	1053	>RET-A883F- NILVFEGRK	373	680
>RET-A883F- NILVAEGRKM	902	>RET-A883F- NILVFEGRKM	467	435
>RET-A883F- NILVAEGR	689	>RET-A883F- NILVFEGR	147	542
>RET-A883F- RNILVAEGR	2895	>RET-A883F- RNILVFEGR	208	2687
>RET-A883F- RNILVAEGR	596	>RET-A883F- RNILVFEGR	189	407
>RET-A883F- ARNILVAEGR	884	>RET-A883F- ARNILVFEGR	232	652
>RET-A883F- ARNILVAEGR	361	>RET-A883F- ARNILVFEGR	212	149
>RET-A883F- ARNILVAEGR	122	>RET-A883F- ARNILVFEGR	78	44
>RET-A883F- AARNILVA	21	>RET-A883F- AARNILVF	690	669
>RET-A883F- AARNILVAE	1764	>RET-A883F- AARNILVFE	368	1396
>RET-A883F- AARNILVAEG	271	>RET-A883F- AARNILVFEG	273	2
>RET-A883F- AARNILVAEG	125	>RET-A883F- AARNILVFEG	31	94
>RET-A883F- AARNILVAEG	519	>RET-A883F- AARNILVFEG	371	148
>RET-A883F- AARNILVA	4989	>RET-A883F- AARNILVF	99	4890
>RET-A883F- AARNILVA	3207	>RET-A883F- AARNILVF	19	3188
>RET-A883F- AARNILVA	10060	>RET-A883F- AARNILVF	10	10050
>RET-A883F- AARNILVA	13443	>RET-A883F- AARNILVF	301	13142
>RET-A883F- LAARNILVA	2996	>RET-A883F- LAARNILVF	59	2937
>RET-A883F- LAARNILVA	5913	>RET-A883F- LAARNILVF	28	5885
>RET-A883F- LAARNILVA	14603	>RET-A883F- LAARNILVF	29	14574
>RET-A883F- LAARNILVA	6325	>RET-A883F- LAARNILVF	60	6265
>RET-A883F- LAARNILVA	14912	>RET-A883F- LAARNILVF	485	14427
>RET-A883F- LAARNILVA	6496	>RET-A883F- LAARNILVF	21	6475
>RET-A883F- DLAARNILVA	21011	>RET-A883F- DLAARNILVF	411	20600
>RET-A883P- AEGRKMKISC	133	>RET-A883P- PEGRKMKISC	2077	1944

>RET-A883P- AEGRKMKI	445	>RET-A883P- PEGRKMKI	20701	20256
>RET-A883P- VAEGRKMKI	19325	>RET-A883P- VPEGRKMKI	454	18871
>RET-A883P- RDLAARNILV	292	>RET-A883P- RDLAARNILV	4608	4316
>RET-A883P- LVAEGRKMKI	358	>RET-A883P- LVPEGRKMKI	1106	748
>RET-A883P- LVAEGRKMK	148	>RET-A883P- LVPEGRKMK	2214	2066
>RET-A883P- LVAEGRKM	1137	>RET-A883P- LVPEGRKM	21	1116
>RET-A883P- ILVAEGRKMK	445	>RET-A883P- ILVPEGRKMK	605	160
>RET-A883P- ILVAEGRKMK	169	>RET-A883P- ILVPEGRKMK	188	19
>RET-A883P- ILVAEGRKMK	133	>RET-A883P- ILVPEGRKMK	128	5
>RET-A883P- ILVAEGRKMK	52	>RET-A883P- ILVPEGRKMK	27	25
>RET-A883P- ILVAEGRK	225	>RET-A883P- ILVPEGRK	288	63
>RET-A883P- ILVAEGRKMK	195	>RET-A883P- ILVPEGRKMK	185	10
>RET-A883P- ILVAEGRKM	2636	>RET-A883P- ILVPEGRKM	367	2269
>RET-A883P- NILVAEGR	94	>RET-A883P- NILVPEGR	233	139
>RET-A883P- ARNILVAEGR	361	>RET-A883P- ARNILVPEGR	115	246
>RET-A883P- ARNILVAEGR	122	>RET-A883P- ARNILVPEGR	207	85
>RET-A883P- AARNILVA	21	>RET-A883P- AARNILVP	731	710
>RET-A883P- AARNILVAEG	271	>RET-A883P- AARNILVPEG	128	143
>RET-A883P- AARNILVAEG	125	>RET-A883P- AARNILVPEG	105	20
>RET-A883S- AEGRKMKISD	133	>RET-A883S- SEGRKMKISD	261	128
>RET-A883S- AEGRKMKI	445	>RET-A883S- SEGRKMKI	1857	1412
>RET-A883S- RDLAARNILV	292	>RET-A883S- RDLAARNILV	1407	1115
>RET-A883S- LVAEGRKMKI	358	>RET-A883S- LVSEGRKMKI	605	247
>RET-A883S- LVAEGRKMK	547	>RET-A883S- LVSEGRKMK	347	200
>RET-A883S- LVAEGRKMK	148	>RET-A883S- LVSEGRKMK	377	229
>RET-A883S- ILVAEGRKMK	445	>RET-A883S- ILVSEGRKMK	622	177
>RET-A883S- ILVAEGRKMK	169	>RET-A883S- ILVSEGRKMK	195	26
>RET-A883S- ILVAEGRKMK	133	>RET-A883S- ILVSEGRKMK	154	21
>RET-A883S- ILVAEGRKMK	52	>RET-A883S- ILVSEGRKMK	57	5
>RET-A883S- ILVAEGRK	225	>RET-A883S- ILVSEGRK	249	24
>RET-A883S- ILVAEGRKMK	195	>RET-A883S- ILVSEGRKMK	211	16
>RET-A883S- ILVAEGRKM	1078	>RET-A883S- ILVSEGRKM	489	589
>RET-A883S- NILVAEGR	94	>RET-A883S- NILVSEGR	90	4
>RET-A883S- ARNILVAEGR	361	>RET-A883S- ARNILVSEGR	513	152
>RET-A883S- ARNILVAEGR	122	>RET-A883S- ARNILVSEGR	160	38
>RET-A883S- AARNILVA	21	>RET-A883S- AARNILVS	212	191
>RET-A883S- AARNILVAEG	271	>RET-A883S- AARNILVSEG	452	181
>RET-A883S- AARNILVAEG	125	>RET-A883S- AARNILVSEG	88	37
>RET-A919V- AIESLFDHIY	287	>RET-A919V- VIESLFDHIY	180	107
>RET-A919V- AIESLFDHI	225	>RET-A919V- VIESLFDHI	365	140
>RET-A919V- AIESLFDHIY	411	>RET-A919V- VIESLFDHIY	486	75
>RET-A919V- AIESLFDHIY	355	>RET-A919V- VIESLFDHIY	258	97
>RET-A919V- AIESLFDHIY	484	>RET-A919V- VIESLFDHIY	179	305

>RET-A919V- MAIESLFDHI	448	>RET-A919V- MVIESLFDHI	8718	8270
>RET-A919V- MAIESLFDHI	507	>RET-A919V- MVIESLFDHI	218	289
>RET-A919V- MAIESLFDHI	628	>RET-A919V- MVIESLFDHI	240	388
>RET-A919V- MAIESLFDHI	77	>RET-A919V- MVIESLFDHI	46	31
>RET-A919V- MAIESLFDHI	744	>RET-A919V- MVIESLFDHI	143	601
>RET-A919V- MAIESLFDHI	1363	>RET-A919V- MVIESLFDHI	108	1255
>RET-A919V- MAIESLFDH	4006	>RET-A919V- MVIESLFDH	400	3606
>RET-A919V- MAIESLFDHI\	885	>RET-A919V- MVIESLFDHI\	95	790
>RET-A919V- MAIESLFDHI\	987	>RET-A919V- MVIESLFDHI\	80	907
>RET-A919V- MAIESLFDH	4875	>RET-A919V- MVIESLFDH	332	4543
>RET-A919V- MAIESLFDHI	3095	>RET-A919V- MVIESLFDHI	114	2981
>RET-A919V- MAIESLFDHI\	104	>RET-A919V- MVIESLFDHI\	9	95
>RET-A919V- MAIESLFDHI\	2324	>RET-A919V- MVIESLFDHI\	253	2071
>RET-A919V- MAIESLFDHI\	32	>RET-A919V- MVIESLFDHI\	10	22
>RET-A919V- MAIESLFDHI\	45	>RET-A919V- MVIESLFDHI\	27	18
>RET-A919V- MAIESLFDH	609	>RET-A919V- MVIESLFDH	291	318
>RET-A919V- MAIESLFDHI\	51	>RET-A919V- MVIESLFDHI\	30	21
>RET-A919V- MAIESLFDHI	60	>RET-A919V- MVIESLFDHI	35	25
>RET-A919V- MAIESLFDHI	68	>RET-A919V- MVIESLFDHI	27	41
>RET-A919V- MAIESLFDHI\	667	>RET-A919V- MVIESLFDHI\	37	630
>RET-A919V- MAIESLFDHI\	357	>RET-A919V- MVIESLFDHI\	250	107
>RET-A919V- MAIESLFDHI\	990	>RET-A919V- MVIESLFDHI\	340	650
>RET-A919V- MAIESLFDHI\	119	>RET-A919V- MVIESLFDHI\	611	492
>RET-A919V- MAIESLFDHI\	7	>RET-A919V- MVIESLFDHI\	34	27
>RET-A919V- MAIESLFDH	290	>RET-A919V- MVIESLFDH	1129	839
>RET-A919V- MAIESLFDHI\	9	>RET-A919V- MVIESLFDHI\	17	8
>RET-A919V- MAIESLFDHI\	53	>RET-A919V- MVIESLFDHI\	514	461
>RET-A919V- MAIESLFDHI\	166	>RET-A919V- MVIESLFDHI\	2297	2131
>RET-A919V- MAIESLFDHI	84	>RET-A919V- MVIESLFDHI	483	399
>RET-A919V- MAIESLFDHI\	21	>RET-A919V- MVIESLFDHI\	78	57
>RET-A919V- MAIESLFDHI\	79	>RET-A919V- MVIESLFDHI\	43	36
>RET-A919V- SQGRIPVKWI	915	>RET-A919V- SQGRIPVKWI	79	836
>RET-A919V- SQGRIPVKWI	982	>RET-A919V- SQGRIPVKWI	23	959
>RET-A919V- SQGRIPVKWI	7026	>RET-A919V- SQGRIPVKWI	211	6815
>RET-A919V- SQGRIPVKWI	1664	>RET-A919V- SQGRIPVKWI	30	1634
>RET-A919V- SQGRIPVKWI	14579	>RET-A919V- SQGRIPVKWI	325	14254
>RET-A919V- WMAIESLFDI	200	>RET-A919V- WMVIESLFDI	688	488
>RET-A919V- WMAIESLF	362	>RET-A919V- WMVIESLF	1830	1468
>RET-A919V- WMAIESLFDI	12	>RET-A919V- WMVIESLFDI	54	42
>RET-A919V- WMAIESLFDI	28	>RET-A919V- WMVIESLFDI	96	68
>RET-A919V- WMAIESLFDI	26	>RET-A919V- WMVIESLFDI	25	1
>RET-A919V- WMAIESLFDI	35	>RET-A919V- WMVIESLFDI	41	6
>RET-A919V- WMAIESLFDI	90	>RET-A919V- WMVIESLFDI	99	9



>RET-A919V- WMAIESLFDI	21	>RET-A919V- WMVIESLFDI	66	45
>RET-A919V- WMAIESLFDI	103	>RET-A919V- WMVIESLFDI	1409	1306
>RET-A919V- WMAIESLFDI	64	>RET-A919V- WMVIESLFDI	162	98
>RET-A919V- WMAIESLFDI	1112	>RET-A919V- WMVIESLFDI	481	631
>RET-A919V- WMAIESLFDI	111	>RET-A919V- WMVIESLFDI	165	54
>RET-A919V- WMAIESLFDI	95	>RET-A919V- WMVIESLFDI	129	34
>RET-A919V- WMAIESLFDI	184	>RET-A919V- WMVIESLFDI	336	152
>RET-A919V- WMAIESLFDI	16	>RET-A919V- WMVIESLFDI	14	2
>RET-A919V- WMAIESLFDI	724	>RET-A919V- WMVIESLFDI	255	469
>RET-A919V- WMAIESLFDI	157	>RET-A919V- WMVIESLFDI	180	23
>RET-A919V- KWMAIESL	72	>RET-A919V- KWMVIESL	204	132
>RET-A919V- KWMAIESL	61	>RET-A919V- KWMVIESL	217	156
>RET-A919V- KWMAIESL	391	>RET-A919V- KWMVIESL	705	314
>RET-A919V- KWMAIESLFDI	54	>RET-A919V- KWMVIESLFDI	40	14
>RET-A919V- KWMAIESLFDI	579	>RET-A919V- KWMVIESLFDI	480	99
>RET-A919V- KWMAIESLFDI	33	>RET-A919V- KWMVIESLFDI	29	4
>RET-A919V- KWMAIESLFDI	41	>RET-A919V- KWMVIESLFDI	60	19
>RET-A919V- KWMAIESLFDI	11	>RET-A919V- KWMVIESLFDI	18	7
>RET-A919V- KWMAIESLFDI	74	>RET-A919V- KWMVIESLFDI	80	6
>RET-A919V- KWMAIESLFDI	20	>RET-A919V- KWMVIESLFDI	23	3
>RET-A919V- KWMAIESLFDI	49	>RET-A919V- KWMVIESLFDI	83	34
>RET-A919V- KWMAIESLFDI	189	>RET-A919V- KWMVIESLFDI	234	45
>RET-A919V- VKWMAIESL	2384	>RET-A919V- VKWMVIESL	403	1981
>RET-A919V- VKWMAIESL	12	>RET-A919V- VKWMVIESL	18	6
>RET-A919V- VKWMAIESLFDI	4	>RET-A919V- VKWMVIESLFDI	5	1
>RET-A919V- IPVKWMAIES	412	>RET-A919V- IPVKWMVIES	601	189
>RET-A919V- IPVKWMAI	41	>RET-A919V- IPVKWMVI	104	63
>RET-A919V- IPVKWMAIES	43	>RET-A919V- IPVKWMVIES	59	16
>RET-A919V- IPVKWMAI	319	>RET-A919V- IPVKWMVI	1218	899
>RET-A919V- IPVKWMAIES	398	>RET-A919V- IPVKWMVIES	427	29
>RET-A919V- IPVKWMAI	202	>RET-A919V- IPVKWMVI	165	37
>RET-A919V- IPVKWMAI	63	>RET-A919V- IPVKWMVI	54	9
>RET-A919V- IPVKWMAIES	153	>RET-A919V- IPVKWMVIES	88	65
>RET-A919V- IPVKWMAI	48	>RET-A919V- IPVKWMVI	99	51
>RET-A919V- IPVKWMAIE	317	>RET-A919V- IPVKWMVIE	215	102
>RET-A919V- IPVKWMAI	333	>RET-A919V- IPVKWMVI	922	589
>RET-A919V- IPVKWMAIES	458	>RET-A919V- IPVKWMVIES	403	55
>RET-A919V- IPVKWMAI	442	>RET-A919V- IPVKWMVI	424	18
>RET-A919V- IPVKWMAIES	168	>RET-A919V- IPVKWMVIES	96	72
>RET-A919V- RIPVKWMA	760	>RET-A919V- RIPVKWMV	50	710
>RET-A919V- RIPVKWMAI	300	>RET-A919V- RIPVKWMVI	1927	1627
>RET-A919V- RIPVKWMA	1428	>RET-A919V- RIPVKWMV	35	1393
>RET-A919V- RIPVKWMA	3923	>RET-A919V- RIPVKWMV	66	3857

>RET-A919V- RIPVKWMA	2706	>RET-A919V- RIPVKWMV	33	2673
>RET-A919V- RIPVKWMAI	312	>RET-A919V- RIPVKWMVI	502	190
>RET-A919V- GRIPVKWMA	688	>RET-A919V- GRIPVKWMV	261	427
>RET-A919V- GRIPVKWMA	102	>RET-A919V- GRIPVKWMV	97	5
>RET-A919V- GRIPVKWMA	1970	>RET-A919V- GRIPVKWMV	234	1736
>RET-A919V- GRIPVKWMA	346	>RET-A919V- GRIPVKWMV	265	81
>RET-A919V- QGRIPVKWM	357	>RET-A919V- QGRIPVKWM	506	149
>RET-C609Y- GTCNCFPEEE	2639	>RET-C609Y- GTYNCFPEEE	169	2470
>RET-C609Y- GTCNCFPEEE	29	>RET-C609Y- GTYNCFPEEE	16	13
>RET-C609Y- GTCNCFPEEE	372	>RET-C609Y- GTYNCFPEEE	80	292
>RET-C609Y- GTCNCFPE	1257	>RET-C609Y- GTYNCFPE	418	839
>RET-C609Y- GTCNCFPEE	696	>RET-C609Y- GTYNCFPEE	278	418
>RET-C609Y- GTCNCFPEEE	234	>RET-C609Y- GTYNCFPEEE	119	115
>RET-C609Y- GYGTCNCF	85	>RET-C609Y- GYGTYNCF	119	34
>RET-C609Y- GYGTCNCF	374	>RET-C609Y- GYGTYNCF	264	110
>RET-C609Y- GYGTCNCF	32	>RET-C609Y- GYGTYNCF	20	12
>RET-C609Y- AGYGTCNCF	3354	>RET-C609Y- AGYGTYNCF	397	2957
>RET-C609Y- AGYGTCNCF	159	>RET-C609Y- AGYGTYNCF	68	91
>RET-C609Y- AGYGTCNCF	454	>RET-C609Y- AGYGTYNCF	947	493
>RET-C609Y- KAGYGTCNCI	143	>RET-C609Y- KAGYGTYNCI	88	55
>RET-C609Y- KAGYGTCNCI	569	>RET-C609Y- KAGYGTYNCI	273	296
>RET-C609Y- IKAGYGTC	25326	>RET-C609Y- IKAGYGTY	443	24883
>RET-C609Y- IKAGYGTC	31069	>RET-C609Y- IKAGYGTY	185	30884
>RET-C609Y- IKAGYGTC	4181	>RET-C609Y- IKAGYGTY	17	4164
>RET-C609Y- IKAGYGTCNC	5	>RET-C609Y- IKAGYGTYNC	4	1
>RET-C609Y- GIKAGYGTC	24283	>RET-C609Y- GIKAGYGTY	163	24120
>RET-C609Y- GIKAGYGTC	25095	>RET-C609Y- GIKAGYGTY	54	25041
>RET-C609Y- GIKAGYGTC	16402	>RET-C609Y- GIKAGYGTY	89	16313
>RET-C609Y- GIKAGYGTC	20158	>RET-C609Y- GIKAGYGTY	111	20047
>RET-C609Y- GIKAGYGTC	17921	>RET-C609Y- GIKAGYGTY	171	17750
>RET-C609Y- RGIKAGYGTC	20897	>RET-C609Y- RGIKAGYGTY	20	20877
>RET-C609Y- RGIKAGYGTC	15898	>RET-C609Y- RGIKAGYGTY	113	15785
>RET-C609Y- RGIKAGYGTC	20847	>RET-C609Y- RGIKAGYGTY	68	20779
>RET-C609Y- RGIKAGYGTC	21118	>RET-C609Y- RGIKAGYGTY	145	20973
>RET-C609Y- RGIKAGYGTC	32117	>RET-C609Y- RGIKAGYGTY	227	31890
>RET-C618R- CFCEPEDI	574	>RET-C618R- RFCEPEDI	422	152
>RET-C618R- KCFCEPEDI	47	>RET-C618R- KRFCEPEDI	840	793
>RET-C618R- KCFCEPEDI	2188	>RET-C618R- KRFCEPEDI	85	2103
>RET-C618R- KCFCEPEDI	28091	>RET-C618R- KRFCEPEDI	322	27769
>RET-C618R- KCFCEPEDI	29230	>RET-C618R- KRFCEPEDI	490	28740
>RET-C618R- EEKCFCEPED	92	>RET-C618R- EEKRFCEPED	49	43
>RET-C618R- EEKCFCEPE	328	>RET-C618R- EEKRFCEPE	389	61
>RET-C618R- EEKCFCEPED	253	>RET-C618R- EEKRFCEPED	331	78

>RET-C618R- EEKCFCEPED	100	>RET-C618R- EEKRFCEPED	136	36
>RET-C618R- FPEEEKCF	22	>RET-C618R- FPEEEKRF	32	10
>RET-C618R- FPEEEKCF	34	>RET-C618R- FPEEEKRF	52	18
>RET-C618R- FPEEEKCFCE	377	>RET-C618R- FPEEEKRFCE	798	421
>RET-C618R- FPEEEKCF	24	>RET-C618R- FPEEEKRF	37	13
>RET-C618R- CFPEEEKCF	27	>RET-C618R- CFPEEEKRF	12	15
>RET-C618R- CFPEEEKC	36437	>RET-C618R- CFPEEEKR	135	36302
>RET-C618R- NCFPEEEKC	36130	>RET-C618R- NCFPEEEKR	290	35840
>RET-C618Y- CFCEPEDI	574	>RET-C618Y- YFCEPEDI	355	219
>RET-C618Y- KCFCEPEDI	30935	>RET-C618Y- KYFCEPEDI	385	30550
>RET-C618Y- KCFCEPEDI	7395	>RET-C618Y- KYFCEPEDI	34	7361
>RET-C618Y- KCFCEPEDI	13410	>RET-C618Y- KYFCEPEDI	162	13248
>RET-C618Y- KCFCEPEDI	22092	>RET-C618Y- KYFCEPEDI	27	22065
>RET-C618Y- KCFCEPEDI	47	>RET-C618Y- KYFCEPEDI	42	5
>RET-C618Y- KCFCEPEDIQ	6040	>RET-C618Y- KYFCEPEDIQ	421	5619
>RET-C618Y- EKCFCPEPEDI	3866	>RET-C618Y- EKYFCEPEDI	490	3376
>RET-C618Y- EEKCFCEPED	92	>RET-C618Y- EEKYFCEPEDI	63	29
>RET-C618Y- EEKCFCEPE	328	>RET-C618Y- EEKYFCEPE	283	45
>RET-C618Y- EEKCFCEPED	1716	>RET-C618Y- EEKYFCEPED	347	1369
>RET-C618Y- EEKCFCEPED	253	>RET-C618Y- EEKYFCEPEDI	276	23
>RET-C618Y- EEKCFCEPED	100	>RET-C618Y- EEKYFCEPEDI	99	1
>RET-C618Y- EEEKCFCE	832	>RET-C618Y- EEEKYFCE	260	572
>RET-C618Y- FPEEEKCF	22	>RET-C618Y- FPEEEKYF	34	12
>RET-C618Y- FPEEEKCF	34	>RET-C618Y- FPEEEKYF	28	6
>RET-C618Y- FPEEEKCFCE	377	>RET-C618Y- FPEEEKYFCE	426	49
>RET-C618Y- FPEEEKCF	24	>RET-C618Y- FPEEEKYF	25	1
>RET-C618Y- CFPEEEKCF	27	>RET-C618Y- CFPEEEKYF	6	21
>RET-C620R- CEPEDIQDPL	660	>RET-C620R- REPEDIQDPL	161	499
>RET-C620R- CEPEDIQDPL	10198	>RET-C620R- REPEDIQDPL	205	9993
>RET-C620R- CEPEDIQDPL	2016	>RET-C620R- REPEDIQDPL	377	1639
>RET-C620R- FCEPEDIQDP	6881	>RET-C620R- FREPEDIQDP	46	6835
>RET-C620R- NCFPEEEKCF	32128	>RET-C620R- NCFPEEEKCF	220	31908
>RET-C620R- NCFPEEEKCF	37854	>RET-C620R- NCFPEEEKCF	200	37654
>RET-C620R- NCFPEEEKCF	29768	>RET-C620R- NCFPEEEKCF	56	29712
>RET-C620R- KCFCEPEDI	47	>RET-C620R- KCFREPEDI	43	4
>RET-C620R- EEKCFCEPED	92	>RET-C620R- EEKCFREPEDI	106	14
>RET-C620R- EEKCFCEPE	328	>RET-C620R- EEKCFREPE	661	333
>RET-C620R- EEKCFCEPED	253	>RET-C620R- EEKCFREPEDI	359	106
>RET-C620R- EEKCFCEPED	100	>RET-C620R- EEKCFREPEDI	119	19
>RET-C620R- FPEEEKCFC	42264	>RET-C620R- FPEEEKCFR	497	41767
>RET-C620R- FPEEEKCFCE	377	>RET-C620R- FPEEEKCFRE	637	260
>RET-C620R- FPEEEKCFC	36938	>RET-C620R- FPEEEKCFR	439	36499
>RET-C620R- CFPEEEKCFC	31598	>RET-C620R- CFPEEEKCFR	241	31357

>RET-C620R- CFPEEEKCFC	21051	>RET-C620R- CFPEEEKCFR	74	20977
>RET-C620R- CFPEEEKCFC	38524	>RET-C620R- CFPEEEKCFR	308	38216
>RET-C620R- CFPEEEKCFC	29424	>RET-C620R- CFPEEEKCFR	42	29382
>RET-C620S- CEPEDIQDPL	1750	>RET-C620S- SEPEDIQDPL	358	1392
>RET-C620S- CEPEDIQDPL	660	>RET-C620S- SEPEDIQDPL	315	345
>RET-C620S- FCEPEDIQDP	635	>RET-C620S- FSEPEDIQDPI	423	212
>RET-C620S- FCEPEDIQDP	17026	>RET-C620S- FSEPEDIQDPI	289	16737
>RET-C620S- KCFCEPEDI	47	>RET-C620S- KCFSEPEDI	47	0
>RET-C620S- KCFCEPEDI	717	>RET-C620S- KCFSEPEDI	455	262
>RET-C620S- EEKCFCEPEDI	92	>RET-C620S- EEKCFSEPEDI	102	10
>RET-C620S- EEKCFCEPE	328	>RET-C620S- EEKCFSEPE	459	131
>RET-C620S- EEKCFCEPEDI	253	>RET-C620S- EEKCFSEPEDI	315	62
>RET-C620S- EEKCFCEPEDI	100	>RET-C620S- EEKCFSEPEDI	93	7
>RET-C620S- FPEEEKCFCEFI	377	>RET-C620S- FPEEEKCFSEFI	521	144
>RET-C630G- CDEL CRTVI	1419	>RET-C630G- GDEL CRTVI	408	1011
>RET-C630G- CDEL CRTV	185	>RET-C630G- GDEL CRTV	799	614
>RET-C630G- CDEL CRTVI	190	>RET-C630G- GDEL CRTVI	799	609
>RET-C630G- PLCDEL CRTV	22	>RET-C630G- PLGDEL CRTV	20	2
>RET-C630G- PLCDEL CRTV	924	>RET-C630G- PLGDEL CRTV	224	700
>RET-C630G- PLCDEL CRTV	261	>RET-C630G- PLGDEL CRTV	53	208
>RET-C630G- PLCDEL CRTV	249	>RET-C630G- PLGDEL CRTV	28	221
>RET-C630G- PLCDEL CRT	93	>RET-C630G- PLGDEL CRT	62	31
>RET-C630G- PLCDEL CRTV	7	>RET-C630G- PLGDEL CRTV	5	2
>RET-C630G- PLCDEL CRTVI	129	>RET-C630G- PLGDEL CRTV	97	32
>RET-C630G- IQDPLCDEL	210	>RET-C630G- IQDPLGDEL	365	155
>RET-C630G- IQDPLCDEL	40	>RET-C630G- IQDPLGDEL	69	29
>RET-C630R- CDEL CRTVI	1419	>RET-C630R- RDEL CRTVI	342	1077
>RET-C630R- CDEL CRTV	185	>RET-C630R- RDEL CRTV	582	397
>RET-C630R- CDEL CRTVI	190	>RET-C630R- RDEL CRTVI	618	428
>RET-C630R- PLCDEL CRTV	22	>RET-C630R- PLRDEL CRTV	134	112
>RET-C630R- PLCDEL CRTV	261	>RET-C630R- PLRDEL CRTV	732	471
>RET-C630R- PLCDEL CRTV	249	>RET-C630R- PLRDEL CRTV	1242	993
>RET-C630R- PLCDEL CRT	93	>RET-C630R- PLRDEL CRT	105	12
>RET-C630R- PLCDEL CRTV	7	>RET-C630R- PLRDEL CRTV	8	1
>RET-C630R- PLCDEL CRTVI	129	>RET-C630R- PLRDEL CRTVI	155	26
>RET-C630R- IQDPLCDEL	210	>RET-C630R- IQDPLRDEL	982	772
>RET-C630R- IQDPLCDEL	40	>RET-C630R- IQDPLRDEL	251	211
>RET-C630R- EDIQDPLC	39851	>RET-C630R- EDIQDPLR	336	39515
>RET-C634A- CRTVIAAAVLI	262	>RET-C634A- ARTVIAAAVLI	92	170
>RET-C634A- CRTVIAAAV	553	>RET-C634A- ARTVIAAAV	165	388
>RET-C634A- CRTVIAAAVLI	197	>RET-C634A- ARTVIAAAVLI	191	6
>RET-C634A- CRTVIAAAVLI	149	>RET-C634A- ARTVIAAAVLI	65	84
>RET-C634A- CRTVIAAAVLI	228	>RET-C634A- ARTVIAAAVLI	63	165

>RET-C634A- CRTVIAAAVL	1829	>RET-C634A- ARTVIAAAVL	239	1590
>RET-C634A- CRTVIAAAV	957	>RET-C634A- ARTVIAAAV	304	653
>RET-C634A- CRTVIAAAVL	243	>RET-C634A- ARTVIAAAVL	727	484
>RET-C634A- CRTVIAAAVL	74	>RET-C634A- ARTVIAAAVL	33	41
>RET-C634A- CRTVIAAAVL	314	>RET-C634A- ARTVIAAAVL	4310	3996
>RET-C634A- LCRTVIAA	166	>RET-C634A- LARTVIAA	37	129
>RET-C634A- LCRTVIAAA	200	>RET-C634A- LARTVIAAA	42	158
>RET-C634A- LCRTVIAAAV	498	>RET-C634A- LARTVIAAAV	86	412
>RET-C634A- LCRTVIAAAV	860	>RET-C634A- LARTVIAAAV	159	701
>RET-C634A- LCRTVIAAAV	5900	>RET-C634A- LARTVIAAAV	362	5538
>RET-C634A- LCRTVIAAAV	7127	>RET-C634A- LARTVIAAAV	135	6992
>RET-C634A- LCRTVIAAAV	2267	>RET-C634A- LARTVIAAAV	487	1780
>RET-C634A- LCRTVIAAAV	6603	>RET-C634A- LARTVIAAAV	43	6560
>RET-C634A- LCRTVIAA	2110	>RET-C634A- LARTVIAA	230	1880
>RET-C634A- LCRTVIAAA	1341	>RET-C634A- LARTVIAAA	119	1222
>RET-C634A- LCRTVIAAAV	283	>RET-C634A- LARTVIAAAV	330	47
>RET-C634A- ELCRTVIAAA\	714	>RET-C634A- ELARTVIAAA\	54	660
>RET-C634A- ELCRTVIAA	2634	>RET-C634A- ELARTVIAA	345	2289
>RET-C634A- ELCRTVIAAA	142	>RET-C634A- ELARTVIAAA	99	43
>RET-C634A- ELCRTVIAAA\	359	>RET-C634A- ELARTVIAAA\	34	325
>RET-C634A- ELCRTVIAAA\	1653	>RET-C634A- ELARTVIAAA\	348	1305
>RET-C634A- ELCRTVIAA	173	>RET-C634A- ELARTVIAA	177	4
>RET-C634A- ELCRTVIAAA	102	>RET-C634A- ELARTVIAAA	102	0
>RET-C634A- ELCRTVIAAA\	11	>RET-C634A- ELARTVIAAA\	9	2
>RET-C634A- ELCRTVIAAA\	201	>RET-C634A- ELARTVIAAA\	24	177
>RET-C634A- ELCRTVIAA	3585	>RET-C634A- ELARTVIAA	364	3221
>RET-C634A- ELCRTVIAAA	3852	>RET-C634A- ELARTVIAAA	422	3430
>RET-C634A- ELCRTVIAAA\	234	>RET-C634A- ELARTVIAAA\	27	207
>RET-C634A- ELCRTVIAA	5181	>RET-C634A- ELARTVIAA	387	4794
>RET-C634A- ELCRTVIAAA	3257	>RET-C634A- ELARTVIAAA	185	3072
>RET-C634A- ELCRTVIAAA\	36	>RET-C634A- ELARTVIAAA\	5	31
>RET-C634A- ELCRTVIA	534	>RET-C634A- ELARTVIA	168	366
>RET-C634A- ELCRTVIAA	497	>RET-C634A- ELARTVIAA	111	386
>RET-C634A- ELCRTVIAAA	270	>RET-C634A- ELARTVIAAA	60	210
>RET-C634A- ELCRTVIAAA\	9	>RET-C634A- ELARTVIAAA\	4	5
>RET-C634A- ELCRTVIAAA	679	>RET-C634A- ELARTVIAAA	201	478
>RET-C634A- ELCRTVIAAA\	493	>RET-C634A- ELARTVIAAA\	31	462
>RET-C634A- ELCRTVIAA	4515	>RET-C634A- ELARTVIAA	408	4107
>RET-C634A- ELCRTVIAAA	4577	>RET-C634A- ELARTVIAAA	335	4242
>RET-C634A- ELCRTVIAAA\	128	>RET-C634A- ELARTVIAAA\	9	119
>RET-C634A- DELCRTVI	145	>RET-C634A- DELARTVI	242	97
>RET-C634A- DELCRTVI	139	>RET-C634A- DELARTVI	123	16
>RET-C634A- DELCRTVIAA	74	>RET-C634A- DELARTVIAA	74	0

>RET-C634A- DELCRTVIAA\	246	>RET-C634A- DELARTVIAA\	186	60
>RET-C634A- DELCRTVI	978	>RET-C634A- DELARTVI	288	690
>RET-C634A- CDELCRTV	185	>RET-C634A- CDELARTV	72	113
>RET-C634A- CDELCRTVI	190	>RET-C634A- CDELARTVI	75	115
>RET-C634A- LCDELCRTV	661	>RET-C634A- LCDELARTV	211	450
>RET-C634A- PLCDELCRTV	22	>RET-C634A- PLCDELARTV	15	7
>RET-C634A- PLCDELCRTV	261	>RET-C634A- PLCDELARTV	280	19
>RET-C634A- PLCDELCRTV	249	>RET-C634A- PLCDELARTV	189	60
>RET-C634A- PLCDEL CRT	93	>RET-C634A- PLCDELART	197	104
>RET-C634A- PLCDEL CRTV	7	>RET-C634A- PLCDELARTV	7	0
>RET-C634A- PLCDEL CRTV\	129	>RET-C634A- PLCDELARTV	149	20
>RET-C634R- CRTVIAAAVL	1849	>RET-C634R- RRTVIAAAVL	410	1439
>RET-C634R- CRTVIAAAVL\	262	>RET-C634R- RRTVIAAAVL\	33	229
>RET-C634R- CRTVIAAAA	1753	>RET-C634R- RRTVIAAAA	87	1666
>RET-C634R- CRTVIAAAV	553	>RET-C634R- RRTVIAAAV	38	515
>RET-C634R- CRTVIAAAVL	197	>RET-C634R- RRTVIAAAVL	18	179
>RET-C634R- CRTVIAAAVL\	149	>RET-C634R- RRTVIAAAVL\	21	128
>RET-C634R- CRTVIAAAVL	228	>RET-C634R- RRTVIAAAVL	92	136
>RET-C634R- CRTVIAAAA	7983	>RET-C634R- RRTVIAAAA	121	7862
>RET-C634R- CRTVIAAAV	6847	>RET-C634R- RRTVIAAAV	68	6779
>RET-C634R- CRTVIAAAVL	850	>RET-C634R- RRTVIAAAVL	41	809
>RET-C634R- CRTVIAAAVL\	1829	>RET-C634R- RRTVIAAAVL\	38	1791
>RET-C634R- CRTVIAAAV	957	>RET-C634R- RRTVIAAAV	50	907
>RET-C634R- CRTVIAAAVL	243	>RET-C634R- RRTVIAAAVL	26	217
>RET-C634R- CRTVIAAAVL\	74	>RET-C634R- RRTVIAAAVL\	13	61
>RET-C634R- CRTVIAAAVL\	314	>RET-C634R- RRTVIAAAVL\	297	17
>RET-C634R- LCRTVIAA	166	>RET-C634R- LRRTVIAA	1701	1535
>RET-C634R- LCRTVIAAA	200	>RET-C634R- LRRTVIAAA	2067	1867
>RET-C634R- LCRTVIAAAV	498	>RET-C634R- LRRTVIAAAV	3930	3432
>RET-C634R- LCRTVIAAAV	3041	>RET-C634R- LRRTVIAAAV	207	2834
>RET-C634R- LCRTVIAAAV\	2267	>RET-C634R- LRRTVIAAAV\	151	2116
>RET-C634R- LCRTVIAAAV\	25315	>RET-C634R- LRRTVIAAAV\	404	24911
>RET-C634R- LCRTVIAAAV\	283	>RET-C634R- LRRTVIAAAV\	2766	2483
>RET-C634R- LCRTVIAAAV\	23259	>RET-C634R- LRRTVIAAAV\	150	23109
>RET-C634R- LCRTVIAAAV	34826	>RET-C634R- LRRTVIAAAV	466	34360
>RET-C634R- LCRTVIAAAV\	32467	>RET-C634R- LRRTVIAAAV\	55	32412
>RET-C634R- DIQDPLCDEL	26424	>RET-C634R- DIQDPLCDEL	43	26381
>RET-C634R- DIQDPLCDEL\	36505	>RET-C634R- DIQDPLCDEL\	92	36413
>RET-C634R- ELCRTVIAAAA	142	>RET-C634R- ELRRTVIAAAA	256	114
>RET-C634R- ELCRTVIAAAA\	359	>RET-C634R- ELRRTVIAAAA\	190	169
>RET-C634R- ELCRTVIAA	173	>RET-C634R- ELRRTVIAA	1424	1251
>RET-C634R- ELCRTVIAAAA	102	>RET-C634R- ELRRTVIAAAA	981	879
>RET-C634R- ELCRTVIAAAA\	11	>RET-C634R- ELRRTVIAAAA\	69	58

>RET-C634R- ELCRTVIAAA\	201	>RET-C634R- ELRRTVIAAA\	248	47
>RET-C634R- ELCRTVIAAA\	234	>RET-C634R- ELRRTVIAAA\	755	521
>RET-C634R- ELCRTVIAAA\	36	>RET-C634R- ELRRTVIAAA\	314	278
>RET-C634R- ELCRTVIAA	497	>RET-C634R- ELRRTVIAA	652	155
>RET-C634R- ELCRTVIAAA	270	>RET-C634R- ELRRTVIAAA	360	90
>RET-C634R- ELCRTVIAAA\	9	>RET-C634R- ELRRTVIAAA\	11	2
>RET-C634R- ELCRTVIAAA\	493	>RET-C634R- ELRRTVIAAA\	1923	1430
>RET-C634R- ELCRTVIAAA\	128	>RET-C634R- ELRRTVIAAA\	313	185
>RET-C634R- ELCRTVIAAA\	6323	>RET-C634R- ELRRTVIAAA\	274	6049
>RET-C634R- DELCRTVI	145	>RET-C634R- DELRRTVI	294	149
>RET-C634R- DELCRTVI	139	>RET-C634R- DELRRTVI	333	194
>RET-C634R- DELCRTVIAA\	74	>RET-C634R- DELRRTVIAA\	137	63
>RET-C634R- DELCRTVIAA\	246	>RET-C634R- DELRRTVIAA\	290	44
>RET-C634R- DELCRTVI	978	>RET-C634R- DELRRTVI	464	514
>RET-C634R- CDELCRTV	185	>RET-C634R- CDELRRTV	189	4
>RET-C634R- CDELCRTVI	190	>RET-C634R- CDELRRTVI	85	105
>RET-C634R- PLCDELCRTV	22	>RET-C634R- PLCDELRRTV	51	29
>RET-C634R- PLCDELCRTV	261	>RET-C634R- PLCDELRRTV	1381	1120
>RET-C634R- PLCDELCRTV	249	>RET-C634R- PLCDELRRTV	1438	1189
>RET-C634R- PLCDELCRT	93	>RET-C634R- PLCDELRRT	4061	3968
>RET-C634R- PLCDELCRTV	7	>RET-C634R- PLCDELRRTV	11	4
>RET-C634R- PLCDELCRTV\	129	>RET-C634R- PLCDELRRTV\	374	245
>RET-C634T- CRTVIAAAVLI	262	>RET-C634T- TRTVIAAAVLI	331	69
>RET-C634T- CRTVIAAAVL	197	>RET-C634T- TRTVIAAAVL	800	603
>RET-C634T- CRTVIAAAVLI	149	>RET-C634T- TRTVIAAAVLI	164	15
>RET-C634T- CRTVIAAAV	2143	>RET-C634T- TRTVIAAAV	188	1955
>RET-C634T- CRTVIAAAVL	228	>RET-C634T- TRTVIAAAVL	25	203
>RET-C634T- CRTVIAAAVLI	1829	>RET-C634T- TRTVIAAAVLI	453	1376
>RET-C634T- CRTVIAAAVL	243	>RET-C634T- TRTVIAAAVL	659	416
>RET-C634T- CRTVIAAAVLI	74	>RET-C634T- TRTVIAAAVLI	114	40
>RET-C634T- CRTVIAAAVLI	314	>RET-C634T- TRTVIAAAVLI	7044	6730
>RET-C634T- LCRTVIAAA	4447	>RET-C634T- LTRTVIAAA	196	4251
>RET-C634T- LCRTVIAAAV	3773	>RET-C634T- LTRTVIAAAV	286	3487
>RET-C634T- LCRTVIAAAV	2998	>RET-C634T- LTRTVIAAAV	319	2679
>RET-C634T- LCRTVIAAAV	2916	>RET-C634T- LTRTVIAAAV	388	2528
>RET-C634T- LCRTVIAA	166	>RET-C634T- LTRTVIAA	10	156
>RET-C634T- LCRTVIAAA	200	>RET-C634T- LTRTVIAAA	11	189
>RET-C634T- LCRTVIAAAV	498	>RET-C634T- LTRTVIAAAV	17	481
>RET-C634T- LCRTVIAAAVI	860	>RET-C634T- LTRTVIAAAVI	28	832
>RET-C634T- LCRTVIAAAV	5900	>RET-C634T- LTRTVIAAAV	53	5847
>RET-C634T- LCRTVIAAAVI	12012	>RET-C634T- LTRTVIAAAVI	484	11528
>RET-C634T- LCRTVIAAAV	20653	>RET-C634T- LTRTVIAAAV	165	20488
>RET-C634T- LCRTVIAAAVI	6603	>RET-C634T- LTRTVIAAAVI	7	6596

>RET-C634T- LCRTVIAAAVI	10808	>RET-C634T- LTRTVIAAAVI	100	10708
>RET-C634T- LCRTVIAAAV	21970	>RET-C634T- LTRTVIAAAV	348	21622
>RET-C634T- LCRTVIAAAVI	283	>RET-C634T- LTRTVIAAAVI	16	267
>RET-C634T- LCRTVIAAAVI	10244	>RET-C634T- LTRTVIAAAVI	315	9929
>RET-C634T- ELCRTVIAAAA\	714	>RET-C634T- ELTRTVIAAAA\	408	306
>RET-C634T- ELCRTVIAAAA	142	>RET-C634T- ELTRTVIAAAA	181	39
>RET-C634T- ELCRTVIAAAA\	359	>RET-C634T- ELTRTVIAAAA\	258	101
>RET-C634T- ELCRTVIAAA	173	>RET-C634T- ELTRTVIAAA	414	241
>RET-C634T- ELCRTVIAAAA	102	>RET-C634T- ELTRTVIAAAA	254	152
>RET-C634T- ELCRTVIAAAA\	11	>RET-C634T- ELTRTVIAAAA\	19	8
>RET-C634T- ELCRTVIAAAA\	201	>RET-C634T- ELTRTVIAAAA\	33	168
>RET-C634T- ELCRTVIAAAA\	234	>RET-C634T- ELTRTVIAAAA\	50	184
>RET-C634T- ELCRTVIAAAA\	36	>RET-C634T- ELTRTVIAAAA\	16	20
>RET-C634T- ELCRTVIA	534	>RET-C634T- ELTRTVIA	194	340
>RET-C634T- ELCRTVIAA	497	>RET-C634T- ELTRTVIAA	140	357
>RET-C634T- ELCRTVIAAAA	270	>RET-C634T- ELTRTVIAAAA	74	196
>RET-C634T- ELCRTVIAAAA\	9	>RET-C634T- ELTRTVIAAAA\	4	5
>RET-C634T- ELCRTVIAAAA	679	>RET-C634T- ELTRTVIAAAA	468	211
>RET-C634T- ELCRTVIAAAA\	493	>RET-C634T- ELTRTVIAAAA\	118	375
>RET-C634T- ELCRTVIAAAA\	128	>RET-C634T- ELTRTVIAAAA\	37	91
>RET-C634T- DELCRTVI	145	>RET-C634T- DELTRTVI	244	99
>RET-C634T- DELCRTVI	139	>RET-C634T- DELTRTVI	142	3
>RET-C634T- DELCRTVIAA\	74	>RET-C634T- DELTRTVIAA\	78	4
>RET-C634T- DELCRTVIAA\	246	>RET-C634T- DELTRTVIAA\	346	100
>RET-C634T- DELCRTVI	978	>RET-C634T- DELTRTVI	308	670
>RET-C634T- CDELCRTV	185	>RET-C634T- CDELTRTV	54	131
>RET-C634T- CDELCRTVI	190	>RET-C634T- CDELTRTVI	41	149
>RET-C634T- LCDELCRTV	661	>RET-C634T- LCDELTRTV	135	526
>RET-C634T- PLCDELCRTV	578	>RET-C634T- PLCDELTRTV	338	240
>RET-C634T- PLCDELCRTV	22	>RET-C634T- PLCDELTRTV	13	9
>RET-C634T- PLCDELCRTV	261	>RET-C634T- PLCDELTRTV	200	61
>RET-C634T- PLCDELCRTV	249	>RET-C634T- PLCDELTRTV	125	124
>RET-C634T- PLCDELCRT	93	>RET-C634T- PLCDELTRT	299	206
>RET-C634T- PLCDELCRTV	7	>RET-C634T- PLCDELTRTV	6	1
>RET-C634T- PLCDELCRTVI	129	>RET-C634T- PLCDELTRTVI	161	32
>RET-C634T- DPLCDELCRT	1262	>RET-C634T- DPLCDELTRT'	455	807
>RET-C634W CRTVIAAAVI	262	>RET-C634W WRTVIAAAVI	88	174
>RET-C634W CRTVIAAAA	1753	>RET-C634W WRTVIAAAA	409	1344
>RET-C634W CRTVIAAAV	553	>RET-C634W WRTVIAAAV	120	433
>RET-C634W CRTVIAAAVL	197	>RET-C634W WRTVIAAAVI	61	136
>RET-C634W CRTVIAAAVI	149	>RET-C634W WRTVIAAAVI	38	111
>RET-C634W CRTVIAAAV	2143	>RET-C634W WRTVIAAAV	76	2067
>RET-C634W CRTVIAAAVL	228	>RET-C634W WRTVIAAAVI	19	209



>RET-C634W CRTVIAAAVL	850	>RET-C634W WRTVIAAAVI	186	664
>RET-C634W CRTVIAAAV	957	>RET-C634W WRTVIAAAV	254	703
>RET-C634W CRTVIAAAVL	243	>RET-C634W WRTVIAAAVI	73	170
>RET-C634W CRTVIAAAVLI	74	>RET-C634W WRTVIAAAVI	29	45
>RET-C634W CRTVIAAAVLI	314	>RET-C634W WRTVIAAAVI	963	649
>RET-C634W LCRTVIAA	166	>RET-C634W LWRTVIAA	180	14
>RET-C634W LCRTVIAAA	200	>RET-C634W LWRTVIAAA	206	6
>RET-C634W LCRTVIAAAV	498	>RET-C634W LWRTVIAAA\	495	3
>RET-C634W LCRTVIAAAVI	283	>RET-C634W LWRTVIAAA\	3309	3026
>RET-C634W LCRTVIAA	33826	>RET-C634W LWRTVIAA	109	33717
>RET-C634W LCRTVIAAA	34085	>RET-C634W LWRTVIAAA	108	33977
>RET-C634W LCRTVIAAAVI	36483	>RET-C634W LWRTVIAAA\	269	36214
>RET-C634W ELCRTVIAAA\	5157	>RET-C634W ELWRTVIAAA	179	4978
>RET-C634W ELCRTVIAAA\	714	>RET-C634W ELWRTVIAAA	462	252
>RET-C634W ELCRTVIAAA	142	>RET-C634W ELWRTVIAAA	98	44
>RET-C634W ELCRTVIAAA\	359	>RET-C634W ELWRTVIAAA	372	13
>RET-C634W ELCRTVIAAA\	1653	>RET-C634W ELWRTVIAAA	395	1258
>RET-C634W ELCRTVIA	2338	>RET-C634W ELWRTVIA	172	2166
>RET-C634W ELCRTVIAA	173	>RET-C634W ELWRTVIAA	12	161
>RET-C634W ELCRTVIAAA	102	>RET-C634W ELWRTVIAAA	9	93
>RET-C634W ELCRTVIAAA\	11	>RET-C634W ELWRTVIAAA	2	9
>RET-C634W ELCRTVIAA	4568	>RET-C634W ELWRTVIAA	154	4414
>RET-C634W ELCRTVIAAA	3922	>RET-C634W ELWRTVIAAA	111	3811
>RET-C634W ELCRTVIAAA\	201	>RET-C634W ELWRTVIAAA	8	193
>RET-C634W ELCRTVIA	6201	>RET-C634W ELWRTVIA	145	6056
>RET-C634W ELCRTVIAA	3585	>RET-C634W ELWRTVIAA	75	3510
>RET-C634W ELCRTVIAAA	3852	>RET-C634W ELWRTVIAAA	83	3769
>RET-C634W ELCRTVIAAA\	234	>RET-C634W ELWRTVIAAA	10	224
>RET-C634W ELCRTVIA	9484	>RET-C634W ELWRTVIA	244	9240
>RET-C634W ELCRTVIAA	5181	>RET-C634W ELWRTVIAA	59	5122
>RET-C634W ELCRTVIAAA	3257	>RET-C634W ELWRTVIAAA	37	3220
>RET-C634W ELCRTVIAAA\	36	>RET-C634W ELWRTVIAAA	3	33
>RET-C634W ELCRTVIA	534	>RET-C634W ELWRTVIA	63	471
>RET-C634W ELCRTVIAA	497	>RET-C634W ELWRTVIAA	46	451
>RET-C634W ELCRTVIAAA	270	>RET-C634W ELWRTVIAAA	31	239
>RET-C634W ELCRTVIAAA\	9	>RET-C634W ELWRTVIAAA	4	5
>RET-C634W ELCRTVIAAA	679	>RET-C634W ELWRTVIAAA	345	334
>RET-C634W ELCRTVIAAA\	493	>RET-C634W ELWRTVIAAA	150	343
>RET-C634W ELCRTVIAA	4515	>RET-C634W ELWRTVIAA	106	4409
>RET-C634W ELCRTVIAAA	4577	>RET-C634W ELWRTVIAAA	85	4492
>RET-C634W ELCRTVIAAA\	128	>RET-C634W ELWRTVIAAA	6	122
>RET-C634W DELCRTVI	145	>RET-C634W DELWRTVI	97	48
>RET-C634W DELCRTVI	139	>RET-C634W DELWRTVI	46	93

>RET-C634W DELCRTVIA	572	>RET-C634W DELWRTVIA	111	461
>RET-C634W DELCRTVIAA	74	>RET-C634W DELWRTVIAA	25	49
>RET-C634W DELCRTVIA	1124	>RET-C634W DELWRTVIA	413	711
>RET-C634W DELCRTVIAA	246	>RET-C634W DELWRTVIAA	133	113
>RET-C634W DELCRTVI	978	>RET-C634W DELWRTVI	237	741
>RET-C634W CDELCRTV	185	>RET-C634W CDELWRTV	169	16
>RET-C634W CDELCRTVI	190	>RET-C634W CDELWRTVI	129	61
>RET-C634W LCDELCRTV	661	>RET-C634W LCDELWRTV	90	571
>RET-C634W PLCDELCRT	1071	>RET-C634W PLCDELWRT	204	867
>RET-C634W PLCDELCRTV	22	>RET-C634W PLCDELWRT\	8	14
>RET-C634W PLCDELCRTVI	778	>RET-C634W PLCDELWRT\	233	545
>RET-C634W PLCDELCRTV	924	>RET-C634W PLCDELWRT\	433	491
>RET-C634W PLCDELCRTV	261	>RET-C634W PLCDELWRT\	79	182
>RET-C634W PLCDELCRTV	249	>RET-C634W PLCDELWRT\	164	85
>RET-C634W PLCDELCRT	93	>RET-C634W PLCDELWRT	33	60
>RET-C634W PLCDELCRTV	7	>RET-C634W PLCDELWRT\	7	0
>RET-C634W PLCDELCRTVI	129	>RET-C634W PLCDELWRT\	57	72
>RET-C634W PLCDELCR	814	>RET-C634W PLCDELWR	266	548
>RET-C634W DPLCDEL	18136	>RET-C634W DPLCDELW	44	18092
>RET-C634W DPLCDEL	12523	>RET-C634W DPLCDELW	11	12512
>RET-C634W IQDPLCDEL	21679	>RET-C634W IQDPLCDELW	342	21337
>RET-C634W IQDPLCDEL	24732	>RET-C634W IQDPLCDELW	106	24626
>RET-C634Y- CRTVIAAAVL	1849	>RET-C634Y- YRTVIAAAVL	421	1428
>RET-C634Y- CRTVIAAAVLI	262	>RET-C634Y- YRTVIAAAVLI	41	221
>RET-C634Y- CRTVIAAAA	1753	>RET-C634Y- YRTVIAAAA	245	1508
>RET-C634Y- CRTVIAAAV	553	>RET-C634Y- YRTVIAAAV	72	481
>RET-C634Y- CRTVIAAAVL	197	>RET-C634Y- YRTVIAAAVL	217	20
>RET-C634Y- CRTVIAAAVLI	149	>RET-C634Y- YRTVIAAAVLI	31	118
>RET-C634Y- CRTVIAAAV	2143	>RET-C634Y- YRTVIAAAV	59	2084
>RET-C634Y- CRTVIAAAVL	228	>RET-C634Y- YRTVIAAAVL	15	213
>RET-C634Y- CRTVIAAAVLI	6930	>RET-C634Y- YRTVIAAAVLI	432	6498
>RET-C634Y- CRTVIAAAVLI	1829	>RET-C634Y- YRTVIAAAVLI	418	1411
>RET-C634Y- CRTVIAAAVL	243	>RET-C634Y- YRTVIAAAVL	338	95
>RET-C634Y- CRTVIAAAVLI	74	>RET-C634Y- YRTVIAAAVLI	93	19
>RET-C634Y- CRTVIAAAVLI	314	>RET-C634Y- YRTVIAAAVLI	1037	723
>RET-C634Y- LCRTVIAAAV	25043	>RET-C634Y- LYRTVIAAAV	491	24552
>RET-C634Y- LCRTVIAAAVI	21993	>RET-C634Y- LYRTVIAAAVI	302	21691
>RET-C634Y- LCRTVIAAAVI	22342	>RET-C634Y- LYRTVIAAAVI	28	22314
>RET-C634Y- LCRTVIAA	166	>RET-C634Y- LYRTVIAA	16	150
>RET-C634Y- LCRTVIAAAA	200	>RET-C634Y- LYRTVIAAAA	18	182
>RET-C634Y- LCRTVIAAAV	498	>RET-C634Y- LYRTVIAAAV	32	466
>RET-C634Y- LCRTVIAAAVI	860	>RET-C634Y- LYRTVIAAAVI	56	804
>RET-C634Y- LCRTVIAAAVI	283	>RET-C634Y- LYRTVIAAAVI	2429	2146

>RET-C634Y- DIQDPLCDEL'	17572	>RET-C634Y- DIQDPLCDEL'	444	17128
>RET-C634Y- DIQDPLCDEL'	31913	>RET-C634Y- DIQDPLCDEL'	307	31606
>RET-C634Y- ELCRTVIAAAA	1424	>RET-C634Y- ELYRTVIAAAA	270	1154
>RET-C634Y- ELCRTVIAAAA\	714	>RET-C634Y- ELYRTVIAAAA\	185	529
>RET-C634Y- ELCRTVIAAA	2634	>RET-C634Y- ELYRTVIAAA	171	2463
>RET-C634Y- ELCRTVIAAAA	142	>RET-C634Y- ELYRTVIAAAA	38	104
>RET-C634Y- ELCRTVIAAAA\	359	>RET-C634Y- ELYRTVIAAAA\	24	335
>RET-C634Y- ELCRTVIAAAA\	1653	>RET-C634Y- ELYRTVIAAAA\	326	1327
>RET-C634Y- ELCRTVIA	2338	>RET-C634Y- ELYRTVIA	193	2145
>RET-C634Y- ELCRTVIAA	173	>RET-C634Y- ELYRTVIAA	13	160
>RET-C634Y- ELCRTVIAAAA	102	>RET-C634Y- ELYRTVIAAAA	9	93
>RET-C634Y- ELCRTVIAAAA\	11	>RET-C634Y- ELYRTVIAAAA\	3	8
>RET-C634Y- ELCRTVIAA	4568	>RET-C634Y- ELYRTVIAA	196	4372
>RET-C634Y- ELCRTVIAAAA	3922	>RET-C634Y- ELYRTVIAAAA	132	3790
>RET-C634Y- ELCRTVIAAAA\	201	>RET-C634Y- ELYRTVIAAAA\	9	192
>RET-C634Y- ELCRTVIA	6201	>RET-C634Y- ELYRTVIA	226	5975
>RET-C634Y- ELCRTVIAA	3585	>RET-C634Y- ELYRTVIAA	111	3474
>RET-C634Y- ELCRTVIAAAA	3852	>RET-C634Y- ELYRTVIAAAA	117	3735
>RET-C634Y- ELCRTVIAAAA\	234	>RET-C634Y- ELYRTVIAAAA\	13	221
>RET-C634Y- ELCRTVIAAAA	3257	>RET-C634Y- ELYRTVIAAAA	438	2819
>RET-C634Y- ELCRTVIAAAA\	36	>RET-C634Y- ELYRTVIAAAA\	7	29
>RET-C634Y- ELCRTVIA	534	>RET-C634Y- ELYRTVIA	57	477
>RET-C634Y- ELCRTVIAA	497	>RET-C634Y- ELYRTVIAA	39	458
>RET-C634Y- ELCRTVIAAAA	270	>RET-C634Y- ELYRTVIAAAA	26	244
>RET-C634Y- ELCRTVIAAAA\	9	>RET-C634Y- ELYRTVIAAAA\	4	5
>RET-C634Y- ELCRTVIAAAA	679	>RET-C634Y- ELYRTVIAAAA	158	521
>RET-C634Y- ELCRTVIAAAA\	493	>RET-C634Y- ELYRTVIAAAA\	117	376
>RET-C634Y- ELCRTVIAA	4515	>RET-C634Y- ELYRTVIAA	150	4365
>RET-C634Y- ELCRTVIAAAA	4577	>RET-C634Y- ELYRTVIAAAA	122	4455
>RET-C634Y- ELCRTVIAAAA\	128	>RET-C634Y- ELYRTVIAAAA\	6	122
>RET-C634Y- DELCRTVI	145	>RET-C634Y- DELYRTVI	46	99
>RET-C634Y- DELCRTVI	139	>RET-C634Y- DELYRTVI	144	5
>RET-C634Y- DELCRTVIAA\	74	>RET-C634Y- DELYRTVIAA\	84	10
>RET-C634Y- DELCRTVIAA\	246	>RET-C634Y- DELYRTVIAA\	239	7
>RET-C634Y- DELCRTVI	978	>RET-C634Y- DELYRTVI	122	856
>RET-C634Y- CDEL CRTV	185	>RET-C634Y- CDELYRTV	59	126
>RET-C634Y- CDEL CRTVI	190	>RET-C634Y- CDELYRTVI	39	151
>RET-C634Y- LCDEL CRTV	661	>RET-C634Y- LCDELYRTV	117	544
>RET-C634Y- PLCDEL CRTV	578	>RET-C634Y- PLCDELYRTV	485	93
>RET-C634Y- PLCDEL CRTV	22	>RET-C634Y- PLCDELYRTV	10	12
>RET-C634Y- PLCDEL CRTVI	778	>RET-C634Y- PLCDELYRTVI	499	279
>RET-C634Y- PLCDEL CRTV	924	>RET-C634Y- PLCDELYRTV	403	521
>RET-C634Y- PLCDEL CRTV	261	>RET-C634Y- PLCDELYRTV	179	82

>RET-C634Y- PLCDEL CRTV	249	>RET-C634Y- PLCDELYRTV	168	81
>RET-C634Y- PLCDEL CRT	93	>RET-C634Y- PLCDELYRT	361	268
>RET-C634Y- PLCDEL CRTV	7	>RET-C634Y- PLCDELYRTV	6	1
>RET-C634Y- PLCDEL CRTV	129	>RET-C634Y- PLCDELYRTVI	143	14
>RET-C634Y- PLCDEL CR	814	>RET-C634Y- PLCDELYR	62	752
>RET-C634Y- DPLCDEL CRT	1262	>RET-C634Y- DPLCDELYRT	432	830
>RET-C634Y- DPLCDEL C	6011	>RET-C634Y- DPLCDELY	42	5969
>RET-C634Y- DPLCDEL C	18136	>RET-C634Y- DPLCDELY	226	17910
>RET-C634Y- DPLCDEL C	12523	>RET-C634Y- DPLCDELY	398	12125
>RET-C634Y- DPLCDEL CR	5445	>RET-C634Y- DPLCDELYR	309	5136
>RET-C634Y- QDPLCDEL CR	2124	>RET-C634Y- QDPLCDELYR	169	1955
>RET-C634Y- IQDPLCDEL C	33183	>RET-C634Y- IQDPLCDELY	308	32875
>RET-C634Y- IQDPLCDEL CI	2986	>RET-C634Y- IQDPLCDELYI	262	2724
>RET-D631G- DEL CRTVI	145	>RET-D631G- GEL CRTVI	333	188
>RET-D631G- DEL CRTVI	139	>RET-D631G- GEL CRTVI	13208	13069
>RET-D631G- DEL CRTVIAA	74	>RET-D631G- GEL CRTVIAA	8897	8823
>RET-D631G- DEL CRTVI	5212	>RET-D631G- GEL CRTVI	177	5035
>RET-D631G- DEL CRTVI	4284	>RET-D631G- GEL CRTVI	180	4104
>RET-D631G- DEL CRTVIA	1124	>RET-D631G- GEL CRTVIA	59	1065
>RET-D631G- DEL CRTVIAA	246	>RET-D631G- GEL CRTVIAA	21	225
>RET-D631G- DEL CRTVI	978	>RET-D631G- GEL CRTVI	52	926
>RET-D631G- DEL CRTVIA	7255	>RET-D631G- GEL CRTVIA	55	7200
>RET-D631G- DEL CRTVIAA	7739	>RET-D631G- GEL CRTVIAA	55	7684
>RET-D631G- CDEL CRTVI	1114	>RET-D631G- CGEL CRTVI	407	707
>RET-D631G- CDEL CRTV	185	>RET-D631G- CGEL CRTV	16580	16395
>RET-D631G- CDEL CRTVI	190	>RET-D631G- CGEL CRTVI	15442	15252
>RET-D631G- PLCDEL CRTV	22	>RET-D631G- PLCGEL CRTV	37	15
>RET-D631G- PLCDEL CRTV	261	>RET-D631G- PLCGEL CRTV	429	168
>RET-D631G- PLCDEL CRTV	249	>RET-D631G- PLCGEL CRTV	613	364
>RET-D631G- PLCDEL CRT	93	>RET-D631G- PLCGEL CRT	227	134
>RET-D631G- PLCDEL CRTV	7	>RET-D631G- PLCGEL CRTV	11	4
>RET-D631G- PLCDEL CRTVI	129	>RET-D631G- PLCGEL CRTVI	233	104
>RET-D631G- IQDPLCDEL	210	>RET-D631G- IQDPLCGEL	1149	939
>RET-D631G- IQDPLCDEL	40	>RET-D631G- IQDPLCGEL	135	95
>RET-D925H- DHIYTTQSDV	3457	>RET-D925H- HHIYTTQSDV	278	3179
>RET-D925H- DHIYTTQSDV	1817	>RET-D925H- HHIYTTQSDV	394	1423
>RET-D925H- DHIYTTQSDV	5182	>RET-D925H- HHIYTTQSDV	192	4990
>RET-D925H- DHIYTTQSDV	9819	>RET-D925H- HHIYTTQSDV	460	9359
>RET-D925H- DHIYTTQSDV	423	>RET-D925H- HHIYTTQSDV	13	410
>RET-D925H- FDHIYTTQSD	7654	>RET-D925H- FHHIYTTQSD	422	7232
>RET-D925H- FDHIYTTQSD	282	>RET-D925H- FHHIYTTQSD	5624	5342
>RET-D925H- FDHIYTTQSD	76	>RET-D925H- FHHIYTTQSD	15536	15460
>RET-D925H- VKWMAIESLI	4749	>RET-D925H- VKWMAIESLI	180	4569

>RET-D925H-SLFDHIYT	22	>RET-D925H-SLFHHIYT	48	26
>RET-D925H-SLFDHIYTT	13	>RET-D925H-SLFHHIYTT	32	19
>RET-D925H-SLFDHIYTTQ§	147	>RET-D925H-SLFHHIYTTQ§	597	450
>RET-D925H-SLFDHIYT	18	>RET-D925H-SLFHHIYT	46	28
>RET-D925H-SLFDHIYTT	10	>RET-D925H-SLFHHIYTT	45	35
>RET-D925H-SLFDHIYTTQ§	23	>RET-D925H-SLFHHIYTTQ§	78	55
>RET-D925H-SLFDHIYT	38	>RET-D925H-SLFHHIYT	58	20
>RET-D925H-SLFDHIYTT	8	>RET-D925H-SLFHHIYTT	22	14
>RET-D925H-SLFDHIYTTQ§	38	>RET-D925H-SLFHHIYTTQ§	90	52
>RET-D925H-SLFDHIYT	76	>RET-D925H-SLFHHIYT	404	328
>RET-D925H-SLFDHIYTT	61	>RET-D925H-SLFHHIYTT	572	511
>RET-D925H-SLFDHIYT	3	>RET-D925H-SLFHHIYT	7	4
>RET-D925H-SLFDHIYTT	2	>RET-D925H-SLFHHIYTT	5	3
>RET-D925H-SLFDHIYTTQ	27	>RET-D925H-SLFHHIYTTQ	137	110
>RET-D925H-SLFDHIYTTQ§	20	>RET-D925H-SLFHHIYTTQ§	96	76
>RET-D925H-SLFDHIYT	79	>RET-D925H-SLFHHIYT	329	250
>RET-D925H-SLFDHIYTT	10	>RET-D925H-SLFHHIYTT	30	20
>RET-D925H-SLFDHIYT	16	>RET-D925H-SLFHHIYT	60	44
>RET-D925H-SLFDHIYTT	11	>RET-D925H-SLFHHIYTT	43	32
>RET-D925H-SLFDHIYTTQ	84	>RET-D925H-SLFHHIYTTQ	416	332
>RET-D925H-SLFDHIYTTQ§	320	>RET-D925H-SLFHHIYTTQ§	1575	1255
>RET-D925H-SLFDHIYTT	230	>RET-D925H-SLFHHIYTT	4511	4281
>RET-D925H-SLFDHIYT	5	>RET-D925H-SLFHHIYT	27	22
>RET-D925H-SLFDHIYTT	3	>RET-D925H-SLFHHIYTT	12	9
>RET-D925H-SLFDHIYTTQ	5	>RET-D925H-SLFHHIYTTQ	29	24
>RET-D925H-SLFDHIYTTQ§	13	>RET-D925H-SLFHHIYTTQ§	167	154
>RET-D925H-SLFDHIYTT	150	>RET-D925H-SLFHHIYTT	105	45
>RET-D925H-SLFDHIYTTQ	523	>RET-D925H-SLFHHIYTTQ	391	132
>RET-D925H-ESLFDHIY	23	>RET-D925H-ESLFHHIY	13	10
>RET-D925H-ESLFDHIY	431	>RET-D925H-ESLFHHIY	185	246
>RET-D925H-ESLFDHIY	137	>RET-D925H-ESLFHHIY	314	177
>RET-D925H-ESLFDHIY	481	>RET-D925H-ESLFHHIY	371	110
>RET-D925H-ESLFDHIY	97	>RET-D925H-ESLFHHIY	37	60
>RET-D925H-ESLFDHIY	329	>RET-D925H-ESLFHHIY	452	123
>RET-D925H-IESLFDHI	212	>RET-D925H-IESLFHHI	26	186
>RET-D925H-IESLFDHIY	112	>RET-D925H-IESLFHHIY	154	42
>RET-D925H-IESLFDHIY	1267	>RET-D925H-IESLFHHIY	241	1026
>RET-D925H-IESLFDHI	2658	>RET-D925H-IESLFHHI	307	2351
>RET-D925H-IESLFDHIY	8	>RET-D925H-IESLFHHIY	5	3
>RET-D925H-IESLFDHIYTT	191	>RET-D925H-IESLFHHIYTT	131	60
>RET-D925H-IESLFDHI	101	>RET-D925H-IESLFHHI	61	40
>RET-D925H-IESLFDHI	1024	>RET-D925H-IESLFHHI	486	538
>RET-D925H-IESLFDHIYTT	454	>RET-D925H-IESLFHHIYTT	236	218

>RET-D925H-IESLFDHIY	243	>RET-D925H-IESLFHHIY	405	162
>RET-D925H-IESLFDHIYT	745	>RET-D925H-IESLFHHIYT	400	345
>RET-D925H-IESLFDHIYTT	447	>RET-D925H-IESLFHHIYTT	152	295
>RET-D925H-IESLFDHI	92	>RET-D925H-IESLFHHI	79	13
>RET-D925H-IESLFDHIYTT	496	>RET-D925H-IESLFHHIYTT	495	1
>RET-D925H-AIESLFDHIY	287	>RET-D925H-AIESLFHHIY	259	28
>RET-D925H-AIESLFDHI	635	>RET-D925H-AIESLFHHI	323	312
>RET-D925H-AIESLFDHI	225	>RET-D925H-AIESLFHHI	94	131
>RET-D925H-AIESLFDHI	8158	>RET-D925H-AIESLFHHI	345	7813
>RET-D925H-AIESLFDHIY	411	>RET-D925H-AIESLFHHIY	443	32
>RET-D925H-AIESLFDHIY	355	>RET-D925H-AIESLFHHIY	532	177
>RET-D925H-AIESLFDHIY	484	>RET-D925H-AIESLFHHIY	106	378
>RET-D925H-MAIESLFDHI	448	>RET-D925H-MAIESLFHHI	1268	820
>RET-D925H-MAIESLFDHI	507	>RET-D925H-MAIESLFHHI	421	86
>RET-D925H-MAIESLFDHI	628	>RET-D925H-MAIESLFHHI	308	320
>RET-D925H-MAIESLFDHI	77	>RET-D925H-MAIESLFHHI	78	1
>RET-D925H-MAIESLFDHI	744	>RET-D925H-MAIESLFHHI	179	565
>RET-D925H-MAIESLFDHI	1363	>RET-D925H-MAIESLFHHI	363	1000
>RET-D925H-MAIESLFDHI\	885	>RET-D925H-MAIESLFHHI\	353	532
>RET-D925H-MAIESLFDHI\	104	>RET-D925H-MAIESLFHHI\	57	47
>RET-D925H-MAIESLFDHI\	32	>RET-D925H-MAIESLFHHI\	24	8
>RET-D925H-MAIESLFDHI\	45	>RET-D925H-MAIESLFHHI\	48	3
>RET-D925H-MAIESLFD	6041	>RET-D925H-MAIESLFH	299	5742
>RET-D925H-MAIESLFDH	609	>RET-D925H-MAIESLFHH	261	348
>RET-D925H-MAIESLFDHI\	51	>RET-D925H-MAIESLFHHI\	36	15
>RET-D925H-MAIESLFDHI	60	>RET-D925H-MAIESLFHHI	40	20
>RET-D925H-MAIESLFDHI	68	>RET-D925H-MAIESLFHHI	12	56
>RET-D925H-MAIESLFDHI\	667	>RET-D925H-MAIESLFHHI\	262	405
>RET-D925H-MAIESLFDHI\	357	>RET-D925H-MAIESLFHHI\	208	149
>RET-D925H-MAIESLFDHI\	119	>RET-D925H-MAIESLFHHI\	48	71
>RET-D925H-MAIESLFDH	1130	>RET-D925H-MAIESLFHH	287	843
>RET-D925H-MAIESLFDHI	675	>RET-D925H-MAIESLFHHI	198	477
>RET-D925H-MAIESLFDHI\	7	>RET-D925H-MAIESLFHHI\	6	1
>RET-D925H-MAIESLFD	9069	>RET-D925H-MAIESLFH	249	8820
>RET-D925H-MAIESLFDH	290	>RET-D925H-MAIESLFHH	631	341
>RET-D925H-MAIESLFDHI\	9	>RET-D925H-MAIESLFHHI\	11	2
>RET-D925H-MAIESLFDHI\	53	>RET-D925H-MAIESLFHHI\	90	37
>RET-D925H-MAIESLFDHI\	166	>RET-D925H-MAIESLFHHI\	111	55
>RET-D925H-MAIESLFDH	5941	>RET-D925H-MAIESLFHH	260	5681
>RET-D925H-MAIESLFDHI	84	>RET-D925H-MAIESLFHHI	23	61
>RET-D925H-MAIESLFDHI\	21	>RET-D925H-MAIESLFHHI\	19	2
>RET-D925H-MAIESLFDHI\	79	>RET-D925H-MAIESLFHHI\	97	18
>RET-D925H-WMAIESLFDI	200	>RET-D925H-WMAIESLFHI	62	138

>RET-D925H-WMAIESLFDI	12	>RET-D925H-WMAIESLFHI	9	3
>RET-D925H-WMAIESLFDI	28	>RET-D925H-WMAIESLFHI	15	13
>RET-D925H-WMAIESLFDI	26	>RET-D925H-WMAIESLFHI	22	4
>RET-D925H-WMAIESLFDI	35	>RET-D925H-WMAIESLFHI	15	20
>RET-D925H-WMAIESLFDI	90	>RET-D925H-WMAIESLFHI	34	56
>RET-D925H-WMAIESLFDI	21	>RET-D925H-WMAIESLFHI	12	9
>RET-D925H-WMAIESLFDI	103	>RET-D925H-WMAIESLFHI	35	68
>RET-D925H-WMAIESLFDI	64	>RET-D925H-WMAIESLFHI	12	52
>RET-D925H-WMAIESLFD	7394	>RET-D925H-WMAIESLFH	104	7290
>RET-D925H-WMAIESLFDI	1225	>RET-D925H-WMAIESLFHI	248	977
>RET-D925H-WMAIESLFDI	656	>RET-D925H-WMAIESLFHI	395	261
>RET-D925H-WMAIESLFDI	753	>RET-D925H-WMAIESLFHI	352	401
>RET-D925H-KWMAIESLFI	2445	>RET-D925H-KWMAIESLFI	465	1980
>RET-D925H-KWMAIESLFI	1035	>RET-D925H-KWMAIESLFI	185	850
>RET-D925H-KWMAIESLFI	1101	>RET-D925H-KWMAIESLFI	373	728
>RET-D925H-KWMAIESLFI	189	>RET-D925H-KWMAIESLFI	181	8
>RET-E178K-ENRPPGTFHC	15104	>RET-E178K-KNRPPGTFHC	228	14876
>RET-E178K-ENRPPGTF	589	>RET-E178K-KNRPPGTF	59	530
>RET-E178K-ENRPPGTFHC	325	>RET-E178K-KNRPPGTFHC	32	293
>RET-E178K-ENRPPGTF	3734	>RET-E178K-KNRPPGTF	180	3554
>RET-E178K-ENRPPGTFHC	2868	>RET-E178K-KNRPPGTFHC	98	2770
>RET-E178K-ENRPPGTFH	2734	>RET-E178K-KNRPPGTFH	208	2526
>RET-E178K-ENRPPGTFHC	581	>RET-E178K-KNRPPGTFHC	53	528
>RET-E178K-RENRPPTGF	57	>RET-E178K-RKNRPPTGF	4	53
>RET-E178K-RENRPPTGF	4147	>RET-E178K-RKNRPPTGF	127	4020
>RET-E178K-RENRPPTGF	344	>RET-E178K-RKNRPPTGF	22691	22347
>RET-E178K-RENRPPTG	337	>RET-E178K-RKNRPPTG	31091	30754
>RET-E178K-IRENRPPGTF	433	>RET-E178K-IRKNRPPTGF	27	406
>RET-E178K-IRENRPPGTF	101	>RET-E178K-IRKNRPPTGF	48	53
>RET-E178K-IRENRPPGTF	901	>RET-E178K-IRKNRPPTGF	391	510
>RET-E178K-IRENRPPGTF	194	>RET-E178K-IRKNRPPTGF	116	78
>RET-E178K-RIRENRPP	29	>RET-E178K-RIRKNRPP	15	14
>RET-E178K-RIRENRPPG	5	>RET-E178K-RIRKNRPPG	4	1
>RET-E178K-RIRENRPPGT	17	>RET-E178K-RIRKNRPPGT	11	6
>RET-E178K-RIRENRPPGT	42	>RET-E178K-RIRKNRPPGT	27	15
>RET-E178K-RIRENRPPGT	269	>RET-E178K-RIRKNRPPGT	411	142
>RET-E178K-RIRENRPPGT	253	>RET-E178K-RIRKNRPPGT	162	91
>RET-E178K-RIRENRPPGT	125	>RET-E178K-RIRKNRPPGT	110	15
>RET-E178K-RIRENRPPGT	68	>RET-E178K-RIRKNRPPGT	48	20
>RET-E178K-RIRENRPPGT	23	>RET-E178K-RIRKNRPPGT	44	21
>RET-E178K-RIRENRPPGT	657	>RET-E178K-RIRKNRPPGT	190	467
>RET-E178K-SFRIRENR	1100	>RET-E178K-SFRIRKNR	240	860
>RET-E178K-SFRIRENRPPC	87	>RET-E178K-SFRIRKNRPPC	53	34

>RET-E178K-SFRIRENR	19	>RET-E178K-SFRIRKNR	15	4
>RET-E178K-SFRIRENR	69	>RET-E178K-SFRIRKNR	95	26
>RET-E178K-SFRIRENR	247	>RET-E178K-SFRIRKNR	148	99
>RET-E178K-PSFIRENR	99	>RET-E178K-PSFIRKNR	138	39
>RET-E178K-PSFIRENR	98	>RET-E178K-PSFIRKNR	469	371
>RET-E178K-RPSFIRENR	20	>RET-E178K-RPSFIRKNR	17	3
>RET-E178K-RPSFIRENR	469	>RET-E178K-RPSFIRKNR	281	188
>RET-E178K-TRPSFIRENF	431	>RET-E178K-TRPSFIRKNF	276	155
>RET-E178K-ETRPSFIRE	34629	>RET-E178K-ETRPSFIRK	416	34213
>RET-E178K-ETRPSFIRE	6101	>RET-E178K-ETRPSFIRK	12	6089
>RET-E178K-ETRPSFIRE	26599	>RET-E178K-ETRPSFIRK	91	26508
>RET-E178K-ETRPSFIRE	12066	>RET-E178K-ETRPSFIRK	463	11603
>RET-E768D-ELRDLLSEFN\	378	>RET-E768D-DLRDLLSEFN\	1465	1087
>RET-E768D-ELRDLLSEFN\	183	>RET-E768D-DLRDLLSEFN\	580	397
>RET-E768D-ELRDLLSEFN\	47	>RET-E768D-DLRDLLSEFN\	176	129
>RET-E768D-ELRDLLSEFN\	178	>RET-E768D-DLRDLLSEFN\	660	482
>RET-E768D-ELRDLLSEFN\	54	>RET-E768D-DLRDLLSEFN\	112	58
>RET-E768D-ELRDLLSEFN\	40	>RET-E768D-DLRDLLSEFN\	166	126
>RET-E768D-ELRDLLSEFN\	3	>RET-E768D-DLRDLLSEFN\	6	3
>RET-E768D-ELRDLLSEF	299	>RET-E768D-DLRDLLSEF	1336	1037
>RET-E768D-ELRDLLSEF	140	>RET-E768D-DLRDLLSEF	1018	878
>RET-E768D-ELRDLLSEF	63	>RET-E768D-DLRDLLSEF	417	354
>RET-E768D-ELRDLLSEFN\	263	>RET-E768D-DLRDLLSEFN\	833	570
>RET-E768D-ELRDLLSEF	145	>RET-E768D-DLRDLLSEF	1263	1118
>RET-E768D-ELRDLLSEF	202	>RET-E768D-DLRDLLSEF	617	415
>RET-E768D-ELRDLLSEF	123	>RET-E768D-DLRDLLSEF	301	178
>RET-E768D-SELRDLLS	470	>RET-E768D-SDLRDLLS	16103	15633
>RET-E768D-SELRDLLSEF	110	>RET-E768D-SDLRDLLSEF	4315	4205
>RET-E768D-SELRDLLSEF	91	>RET-E768D-SDLRDLLSEF	970	879
>RET-E768D-SELRDLLSEF	73	>RET-E768D-SDLRDLLSEF	3228	3155
>RET-E768D-SELRDLLSEF	64	>RET-E768D-SDLRDLLSEF	3528	3464
>RET-E768D-SELRDLLSEF	201	>RET-E768D-SDLRDLLSEF	8474	8273
>RET-E768D-SPSELRDL	90	>RET-E768D-SPSDLRDL	75	15
>RET-E768D-SPSELRDLL	142	>RET-E768D-SPSDLRDLL	144	2
>RET-E768D-ASPSELRDL	7	>RET-E768D-ASPSDLRDL	19	12
>RET-E768D-ASPSELRDLL	3	>RET-E768D-ASPSDLRDLL	5	2
>RET-E768D-ASPSELRDLLS	412	>RET-E768D-ASPSDLRDLLS	907	495
>RET-E768D-NASPSELR	15	>RET-E768D-NASPSDLR	15	0
>RET-E768D-NASPSELRDL	517	>RET-E768D-NASPSDLRDL	254	263
>RET-E768D-ENASPSELR	19	>RET-E768D-ENASPSDLR	23	4
>RET-E768D-ENASPSEL	145	>RET-E768D-ENASPSDL	1443	1298
>RET-E768D-KENASPSEL	103	>RET-E768D-KENASPSDL	210	107
>RET-E768D-KENASPSEL	65	>RET-E768D-KENASPSDL	136	71



>RET-E768D- KENASPSEL	24	>RET-E768D- KENASPSDL	81	57
>RET-E768D- KENASPSEL	302	>RET-E768D- KENASPSDL	456	154
>RET-E768D- KENASPSEL	138	>RET-E768D- KENASPSDL	161	23
>RET-E768D- LKENASPSEL	126	>RET-E768D- LKENASPSDL	220	94
>RET-E768D- MLKENASPSE	318	>RET-E768D- MLKENASPSI	2323	2005
>RET-E768D- MLKENASPSE	12	>RET-E768D- MLKENASPSI	75	63
>RET-E768D- MLKENASPSE	4	>RET-E768D- MLKENASPSI	7	3
>RET-E768D- MLKENASPSE	19	>RET-E768D- MLKENASPSI	151	132
>RET-E768D- MLKENASPSE	26	>RET-E768D- MLKENASPSI	119	93
>RET-E768D- MLKENASPSE	494	>RET-E768D- MLKENASPSI	3055	2561
>RET-E768D- MLKENASPSE	3	>RET-E768D- MLKENASPSI	6	3
>RET-E768D- MLKENASPSE	127	>RET-E768D- MLKENASPSI	144	17
>RET-E768D- MLKENASPSE	101	>RET-E768D- MLKENASPSI	182	81
>RET-E884K- EGRKMKIS	15669	>RET-E884K- KGRKMKIS	489	15180
>RET-E884K- EGRKMKISDF	13154	>RET-E884K- KGRKMKISDF	138	13016
>RET-E884K- EGRKMKISDF	2749	>RET-E884K- KGRKMKISDF	353	2396
>RET-E884K- EGRKMKISDF	6571	>RET-E884K- KGRKMKISDF	424	6147
>RET-E884K- AEGRKMKISE	1658	>RET-E884K- AKGRKMKISE	25	1633
>RET-E884K- AEGRKMKISE	133	>RET-E884K- AKGRKMKISE	15035	14902
>RET-E884K- AEGRKMKI	445	>RET-E884K- AKGRKMKI	32092	31647
>RET-E884K- DLAARNILVA	12810	>RET-E884K- DLAARNILVA	417	12393
>RET-E884K- DLAARNILVA	11628	>RET-E884K- DLAARNILVA	66	11562
>RET-E884K- VAEGRKMK	7667	>RET-E884K- VAKGRKMK	97	7570
>RET-E884K- VAEGRKMKI	7184	>RET-E884K- VAKGRKMKI	372	6812
>RET-E884K- LVAEGRKMK	358	>RET-E884K- LVAKGRKMK	2341	1983
>RET-E884K- LVAEGRKMK	610	>RET-E884K- LVAKGRKMK	369	241
>RET-E884K- LVAEGRKMK	148	>RET-E884K- LVAKGRKMK	198	50
>RET-E884K- ILVAEGRKMK	445	>RET-E884K- ILVAKGRKMK	680	235
>RET-E884K- ILVAEGRKMK	169	>RET-E884K- ILVAKGRKMK	117	52
>RET-E884K- ILVAEGRKMK	133	>RET-E884K- ILVAKGRKMK	122	11
>RET-E884K- ILVAEGRKMK	52	>RET-E884K- ILVAKGRKMK	55	3
>RET-E884K- ILVAEGRK	225	>RET-E884K- ILVAKGRK	106	119
>RET-E884K- ILVAEGRKMK	195	>RET-E884K- ILVAKGRKMK	71	124
>RET-E884K- NILVAEGR	94	>RET-E884K- NILVAKGR	300	206
>RET-E884K- NILVAEGR	689	>RET-E884K- NILVAKGR	393	296
>RET-E884K- RNILVAEGR	596	>RET-E884K- RNILVAKGR	285	311
>RET-E884K- ARNILVAE	6232	>RET-E884K- ARNILVAK	70	6162
>RET-E884K- ARNILVAEGR	361	>RET-E884K- ARNILVAKGR	246	115
>RET-E884K- ARNILVAEGR	122	>RET-E884K- ARNILVAKGR	81	41
>RET-E884K- AARNILVAE	21803	>RET-E884K- AARNILVAK	460	21343
>RET-E884K- AARNILVAE	1764	>RET-E884K- AARNILVAK	5	1759
>RET-E884K- AARNILVAEG	271	>RET-E884K- AARNILVAKG	384	113
>RET-E884K- AARNILVAEG	1137	>RET-E884K- AARNILVAKG	470	667

>RET-E884K- AARNILVAE	12535	>RET-E884K- AARNILVAK	201	12334
>RET-E884K- AARNILVAEG	125	>RET-E884K- AARNILVAKG	168	43
>RET-E884K- LAARNILVAE	26855	>RET-E884K- LAARNILVAK	397	26458
>RET-E884K- LAARNILVAE	34146	>RET-E884K- LAARNILVAK	122	34024
>RET-E884K- LAARNILVAE	26892	>RET-E884K- LAARNILVAK	70	26822
>RET-E901K- EEDSYVKR	2732	>RET-E901K- KEDSYVKR	216	2516
>RET-E901K- YEEDSYVKR	482	>RET-E901K- YKEDSYVKR	699	217
>RET-E901K- VYEEDSYVK	10724	>RET-E901K- VYKEDSYVK	147	10577
>RET-E901K- VYEEDSYVKR	2827	>RET-E901K- VYKEDSYVKR	332	2495
>RET-E901K- VYEEDSYVKR	1326	>RET-E901K- VYKEDSYVKR	486	840
>RET-E901K- VYEEDSYVKR	69	>RET-E901K- VYKEDSYVKR	60	9
>RET-E901K- DVYEEDSYV	78	>RET-E901K- DVYKEDSYV	866	788
>RET-E901K- DVYEEDSYV	74	>RET-E901K- DVYKEDSYV	452	378
>RET-E901K- DVYEEDSYV	89	>RET-E901K- DVYKEDSYV	563	474
>RET-E901K- DVYEEDSYVK	296	>RET-E901K- DVYKEDSYVK	353	57
>RET-E901K- DVYEEDSY	177	>RET-E901K- DVYKEDSY	308	131
>RET-E901K- DVYEEDSY	64	>RET-E901K- DVYKEDSY	124	60
>RET-E901K- DVYEEDSYV	435	>RET-E901K- DVYKEDSYV	1111	676
>RET-E901K- DVYEEDSY	14	>RET-E901K- DVYKEDSY	26	12
>RET-E901K- DVYEEDSY	156	>RET-E901K- DVYKEDSY	351	195
>RET-E901K- DVYEEDSYVK	38	>RET-E901K- DVYKEDSYVK	59	21
>RET-E901K- DVYEEDSY	266	>RET-E901K- DVYKEDSY	402	136
>RET-E901K- DVYEEDSYVK	23	>RET-E901K- DVYKEDSYVK	35	12
>RET-E901K- DVYEEDSYVK	7	>RET-E901K- DVYKEDSYVK	10	3
>RET-E901K- DVYEEDSYV	20	>RET-E901K- DVYKEDSYV	47	27
>RET-E901K- DVYEEDSYV	20	>RET-E901K- DVYKEDSYV	168	148
>RET-E901K- DVYEEDSY	45	>RET-E901K- DVYKEDSY	137	92
>RET-E901K- DVYEEDSYVK	443	>RET-E901K- DVYKEDSYVK	247	196
>RET-E901K- LSRDVYEEDS'	208	>RET-E901K- LSRDVYKEDS'	264	56
>RET-E901K- LSRDVYEEDS'	122	>RET-E901K- LSRDVYKEDS'	150	28
>RET-E901K- LSRDVYEEDS'	175	>RET-E901K- LSRDVYKEDS'	172	3
>RET-E901K- LSRDVYEEDS'	21	>RET-E901K- LSRDVYKEDS'	13	8
>RET-E901K- LSRDVYEEDS'	24	>RET-E901K- LSRDVYKEDS'	26	2
>RET-E901K- GLSRDVYE	19283	>RET-E901K- GLSRDVYK	85	19198
>RET-E901K- GLSRDVYE	23030	>RET-E901K- GLSRDVYK	45	22985
>RET-E901K- DFGLSRDVYE	4572	>RET-E901K- DFGLSRDVYK	460	4112
>RET-E901K- DFGLSRDVYE	29400	>RET-E901K- DFGLSRDVYK	399	29001
>RET-E921K- ESLFDHIY	23	>RET-E921K- KSLFDHIY	2334	2311
>RET-E921K- ESLFDHIY	431	>RET-E921K- KSLFDHIY	167	264
>RET-E921K- ESLFDHIYT	16235	>RET-E921K- KSLFDHIYT	288	15947
>RET-E921K- ESLFDHIY	137	>RET-E921K- KSLFDHIY	14	123
>RET-E921K- ESLFDHIY	11719	>RET-E921K- KSLFDHIY	468	11251
>RET-E921K- ESLFDHIYTT	8641	>RET-E921K- KSLFDHIYTT	281	8360

>RET-E921K- ESLFDHIY	481	>RET-E921K- KSLFDHIY	15572	15091
>RET-E921K- ESLFDHIY	5713	>RET-E921K- KSLFDHIY	179	5534
>RET-E921K- ESLFDHIY	1730	>RET-E921K- KSLFDHIY	135	1595
>RET-E921K- ESLFDHIY	97	>RET-E921K- KSLFDHIY	7	90
>RET-E921K- ESLFDHIY	329	>RET-E921K- KSLFDHIY	2698	2369
>RET-E921K- ESLFDHIY	6594	>RET-E921K- KSLFDHIY	146	6448
>RET-E921K- ESLFDHIY	5629	>RET-E921K- KSLFDHIY	33	5596
>RET-E921K- IESLFDHI	212	>RET-E921K- IKSLFDHI	27329	27117
>RET-E921K- IESLFDHIY	112	>RET-E921K- IKSLFDHIY	53	59
>RET-E921K- IESLFDHI	5413	>RET-E921K- IKSLFDHI	406	5007
>RET-E921K- IESLFDHIY	1267	>RET-E921K- IKSLFDHIY	26	1241
>RET-E921K- IESLFDHIY	8	>RET-E921K- IKSLFDHIY	1539	1531
>RET-E921K- IESLFDHIYTT	191	>RET-E921K- IKSLFDHIYTT	18184	17993
>RET-E921K- IESLFDHI	101	>RET-E921K- IKSLFDHI	20417	20316
>RET-E921K- IESLFDHIYTT	454	>RET-E921K- IKSLFDHIYTT	32951	32497
>RET-E921K- IESLFDHIY	243	>RET-E921K- IKSLFDHIY	22505	22262
>RET-E921K- IESLFDHIYTT	447	>RET-E921K- IKSLFDHIYTT	32823	32376
>RET-E921K- IESLFDHI	92	>RET-E921K- IKSLFDHI	6432	6340
>RET-E921K- IESLFDHIYTT	496	>RET-E921K- IKSLFDHIYTT	26951	26455
>RET-E921K- GRIPVKWMA	6450	>RET-E921K- GRIPVKWMA	150	6300
>RET-E921K- GRIPVKWMA	6228	>RET-E921K- GRIPVKWMA	166	6062
>RET-E921K- AIESLFDHIY	287	>RET-E921K- AIKSLFDHIY	1841	1554
>RET-E921K- AIESLFDHI	5310	>RET-E921K- AIKSLFDHI	318	4992
>RET-E921K- AIESLFDHI	225	>RET-E921K- AIKSLFDHI	433	208
>RET-E921K- AIESLFDHIY	411	>RET-E921K- AIKSLFDHIY	565	154
>RET-E921K- AIESLFDHIY	355	>RET-E921K- AIKSLFDHIY	541	186
>RET-E921K- AIESLFDHIY	484	>RET-E921K- AIKSLFDHIY	346	138
>RET-E921K- AIESLFDHIY	3133	>RET-E921K- AIKSLFDHIY	194	2939
>RET-E921K- MAIESLFDHI	448	>RET-E921K- MAIKSLFDHI	392	56
>RET-E921K- MAIESLFDHI	77	>RET-E921K- MAIKSLFDHI	199	122
>RET-E921K- MAIESLFDHI	104	>RET-E921K- MAIKSLFDHI	193	89
>RET-E921K- MAIESLFDHI	32	>RET-E921K- MAIKSLFDHI	52	20
>RET-E921K- MAIESLFDHI	45	>RET-E921K- MAIKSLFDHI	41	4
>RET-E921K- MAIESLFDHI	51	>RET-E921K- MAIKSLFDHI	63	12
>RET-E921K- MAIESLFDHI	60	>RET-E921K- MAIKSLFDHI	166	106
>RET-E921K- MAIESLFDHI	68	>RET-E921K- MAIKSLFDHI	507	439
>RET-E921K- MAIESLFDHI	667	>RET-E921K- MAIKSLFDHI	261	406
>RET-E921K- MAIESLFDHI	357	>RET-E921K- MAIKSLFDHI	326	31
>RET-E921K- MAIESLFDHI	119	>RET-E921K- MAIKSLFDHI	71	48
>RET-E921K- MAIESLFDHI	7	>RET-E921K- MAIKSLFDHI	10	3
>RET-E921K- MAIESLFDH	290	>RET-E921K- MAIKSLFDH	772	482
>RET-E921K- MAIESLFDHI	9	>RET-E921K- MAIKSLFDHI	13	4
>RET-E921K- MAIESLFDHI	53	>RET-E921K- MAIKSLFDHI	64	11

>RET-E921K- MAIESLFDHI\	166	>RET-E921K- MAIKSLFDHI\	146	20
>RET-E921K- MAIESLFDHI	84	>RET-E921K- MAIKSLFDHI	113	29
>RET-E921K- MAIESLFDHI\	21	>RET-E921K- MAIKSLFDHI\	25	4
>RET-E921K- MAIESLFDHI\	79	>RET-E921K- MAIKSLFDHI\	96	17
>RET-E921K- WMAIESLFDI	200	>RET-E921K- WMAIKSLFDI	230	30
>RET-E921K- WMAIESLFI	362	>RET-E921K- WMAIKSLFI	850	488
>RET-E921K- WMAIESLFDI	12	>RET-E921K- WMAIKSLFDI	17	5
>RET-E921K- WMAIESLFDI	28	>RET-E921K- WMAIKSLFDI	20	8
>RET-E921K- WMAIESLFDI	26	>RET-E921K- WMAIKSLFDI	37	11
>RET-E921K- WMAIESLFDI	35	>RET-E921K- WMAIKSLFDI	30	5
>RET-E921K- WMAIESLFDI	90	>RET-E921K- WMAIKSLFDI	93	3
>RET-E921K- WMAIESLFDI	21	>RET-E921K- WMAIKSLFDI	23	2
>RET-E921K- WMAIESLFDI	103	>RET-E921K- WMAIKSLFDI	106	3
>RET-E921K- WMAIESLFDI	64	>RET-E921K- WMAIKSLFDI	70	6
>RET-E921K- WMAIESLFI	111	>RET-E921K- WMAIKSLFI	109	2
>RET-E921K- WMAIESLFI	95	>RET-E921K- WMAIKSLFI	94	1
>RET-E921K- WMAIESLFI	184	>RET-E921K- WMAIKSLFI	141	43
>RET-E921K- WMAIESLFI	16	>RET-E921K- WMAIKSLFI	27	11
>RET-E921K- WMAIESLFI	157	>RET-E921K- WMAIKSLFI	630	473
>RET-E921K- KWMAIESL	72	>RET-E921K- KWMAIKSL	149	77
>RET-E921K- KWMAIESL	61	>RET-E921K- KWMAIKSL	411	350
>RET-E921K- KWMAIESL	391	>RET-E921K- KWMAIKSL	1861	1470
>RET-E921K- KWMAIESLFI	54	>RET-E921K- KWMAIKSLFI	45	9
>RET-E921K- KWMAIESLFI	33	>RET-E921K- KWMAIKSLFI	30	3
>RET-E921K- KWMAIESL	41	>RET-E921K- KWMAIKSL	82	41
>RET-E921K- KWMAIESLFI	11	>RET-E921K- KWMAIKSLFI	16	5
>RET-E921K- KWMAIESLFI	74	>RET-E921K- KWMAIKSLFI	41	33
>RET-E921K- KWMAIESL	20	>RET-E921K- KWMAIKSL	19	1
>RET-E921K- KWMAIESLFI	49	>RET-E921K- KWMAIKSLFI	34	15
>RET-E921K- KWMAIESLFI	189	>RET-E921K- KWMAIKSLFI	163	26
>RET-E921K- VKWMAIESL	12	>RET-E921K- VKWMAIKSL	7	5
>RET-E921K- VKWMAIESLI	4	>RET-E921K- VKWMAIKSLI	4	0
>RET-E921K- PVKWMAIE	14082	>RET-E921K- PVKWMAIK	89	13993
>RET-E921K- PVKWMAIESI	694	>RET-E921K- PVKWMAIKS	495	199
>RET-E921K- IPVKWMAIES	412	>RET-E921K- IPVKWMAIKS	545	133
>RET-E921K- IPVKWMAIES	43	>RET-E921K- IPVKWMAIKS	36	7
>RET-E921K- IPVKWMAIES	398	>RET-E921K- IPVKWMAIKS	604	206
>RET-E921K- IPVKWMAIES	153	>RET-E921K- IPVKWMAIKS	298	145
>RET-E921K- IPVKWMAIE	317	>RET-E921K- IPVKWMAIK	239	78
>RET-E921K- IPVKWMAIES	458	>RET-E921K- IPVKWMAIKS	262	196
>RET-E921K- IPVKWMAIES	168	>RET-E921K- IPVKWMAIKS	232	64
>RET-E921K- RIPVKWMAIE	17232	>RET-E921K- RIPVKWMAIH	166	17066
>RET-E921K- RIPVKWMAIE	34141	>RET-E921K- RIPVKWMAIH	372	33769

>RET-E921K- RIPVKWMAIE	12901	>RET-E921K- RIPVKWMAIE	69	12832
>RET-F1112Y SPSAAKLMDT	25	>RET-F1112Y SPSAAKLMDT	2056	2031
>RET-F1112Y SPSAAKLMDT	130	>RET-F1112Y SPSAAKLMDT	5345	5215
>RET-F1112Y SPSAAKLMDT	33	>RET-F1112Y SPSAAKLMDT	17	16
>RET-F1112Y SPSAAKLMDT	322	>RET-F1112Y SPSAAKLMDT	234	88
>RET-F1112Y SPSAAKLMDT	602	>RET-F1112Y SPSAAKLMDT	420	182
>RET-F1112Y SPSAAKLMDT	22	>RET-F1112Y SPSAAKLMDT	11	11
>RET-F1112Y SPSAAKLMDT	466	>RET-F1112Y SPSAAKLMDT	1725	1259
>RET-F1112Y KLMDTFDS	197	>RET-F1112Y KLMDTYDS	343	146
>RET-F1112Y KLMDTFDS	145	>RET-F1112Y KLMDTYDS	167	22
>RET-F1112Y KLMDTFDS	90	>RET-F1112Y KLMDTYDS	738	648
>RET-F1112Y KLMDTFDS	347	>RET-F1112Y KLMDTYDS	335	12
>RET-F1112Y KLMDTFDS	454	>RET-F1112Y KLMDTYDS	946	492
>RET-F1112Y AAKLMDTF	23	>RET-F1112Y AAKLMDTY	33	10
>RET-F1112Y SAAKLMDTF	2121	>RET-F1112Y SAAKLMDTY	383	1738
>RET-F1112Y SAAKLMDTF	133	>RET-F1112Y SAAKLMDTY	41	92
>RET-F1112Y SAAKLMDTF	8946	>RET-F1112Y SAAKLMDTY	114	8832
>RET-F1112Y SAAKLMDTF	14722	>RET-F1112Y SAAKLMDTY	116	14606
>RET-F1112Y SAAKLMDTF	117	>RET-F1112Y SAAKLMDTY	176	59
>RET-F1112Y SAAKLMDTF	165	>RET-F1112Y SAAKLMDTY	59	106
>RET-F1112Y SAAKLMDTF	34	>RET-F1112Y SAAKLMDTY	24	10
>RET-F1112Y SAAKLMDTF	255	>RET-F1112Y SAAKLMDTY	57	198
>RET-F1112Y PSAAKLMDTI	345	>RET-F1112Y PSAAKLMDTI	91	254
>RET-F1112Y PSAAKLMDTI	411	>RET-F1112Y PSAAKLMDTI	666	255
>RET-F555L-1 FSTCSPSTK	310	>RET-F555L-1 LSTCSPSTK	177	133
>RET-F555L-1 FSTCSPSTK	4389	>RET-F555L-1 LSTCSPSTK	281	4108
>RET-F555L-1 FSTCSPSTK	41	>RET-F555L-1 LSTCSPSTK	166	125
>RET-F555L-1 FSTCSPSTK	413	>RET-F555L-1 LSTCSPSTK	365	48
>RET-F555L-1 NFSTCSPSTK	306	>RET-F555L-1 NLSTCSPSTK	39	267
>RET-F555L-1 NFSTCSPSTK	421	>RET-F555L-1 NLSTCSPSTK	91	330
>RET-F555L-1 NFSTCSPSTK	57	>RET-F555L-1 NLSTCSPSTK	76	19
>RET-F555L-1 RNFSTCSPSTI	362	>RET-F555L-1 RNLSTCSPSTI	2153	1791
>RET-F555L-1 RNFSTCSPSTI	43	>RET-F555L-1 RNLSTCSPSTI	81	38
>RET-F555L-1 RNFSTCSPSTI	153	>RET-F555L-1 RNLSTCSPSTI	648	495
>RET-F555L-1 RNFSTCSPSTI	291	>RET-F555L-1 RNLSTCSPSTI	1331	1040
>RET-F555L-1 ITRNFSTC	437	>RET-F555L-1 ITRNLSTC	835	398
>RET-F555L-1 ITRNFSTCS	446	>RET-F555L-1 ITRNLSTCS	1200	754
>RET-F555L-1 ITRNFSTCSP	84	>RET-F555L-1 ITRNLSTCSP	171	87
>RET-F555L-1 ITRNFSTCSPS	67	>RET-F555L-1 ITRNLSTCSPS	120	53
>RET-F555L-1 ITRNFSTCS	165	>RET-F555L-1 ITRNLSTCS	143	22
>RET-F555L-1 ITRNFSTCSPS	57	>RET-F555L-1 ITRNLSTCSPS	52	5
>RET-F555L-1 GKGITRNF	107	>RET-F555L-1 GKGITRNL	2659	2552
>RET-G593E- GGHEPGEPRI	22747	>RET-G593E- GEHEPGEPRI	126	22621

>RET-G593E- GGHEPGEPRI	39722	>RET-G593E- GEHEPGEPRI	348	39374
>RET-G593E- GGHEPGEPRI	22780	>RET-G593E- GEHEPGEPRI	14	22766
>RET-G593E- IVGGHEPGEP	492	>RET-G593E- IVGEHEPGEP	707	215
>RET-G748C- GRAGYTTV	256	>RET-G748C- CRAGYTTV	882	626
>RET-G748C- GRAGYTTVA\	264	>RET-G748C- CRAGYTTVA\	531	267
>RET-G748C- GRAGYTTVA\	69	>RET-G748C- CRAGYTTVA\	191	122
>RET-G748C- GRAGYTTVA\	155	>RET-G748C- CRAGYTTVA\	136	19
>RET-G748C- GRAGYTTVA\	261	>RET-G748C- CRAGYTTVA\	1341	1080
>RET-G748C- KGRAGYTT	332	>RET-G748C- KCRAGYTT	221	111
>RET-G748C- KGRAGYTTV	27	>RET-G748C- KCRAGYTTV	20	7
>RET-G748C- KGRAGYTTVA/	28	>RET-G748C- KCRAGYTTVA/	20	8
>RET-G748C- KGRAGYTTVA/	13	>RET-G748C- KCRAGYTTVA/	10	3
>RET-G748C- KGRAGYTTVA/	662	>RET-G748C- KCRAGYTTVA/	455	207
>RET-G748C- KGRAGYTTV	711	>RET-G748C- KCRAGYTTV	303	408
>RET-G748C- LKGRAGYTTV	110	>RET-G748C- LKCRAGYTTV	65	45
>RET-G748C- LKGRAGYTTV	895	>RET-G748C- LKCRAGYTTV	338	557
>RET-G748C- HLKGRAGYTT	124	>RET-G748C- HLKCRAGYTT	239	115
>RET-G748C- HLKGRAGYTT	7	>RET-G748C- HLKCRAGYTT	5	2
>RET-G748C- HLKGRAGYTT	91	>RET-G748C- HLKCRAGYTT	126	35
>RET-G748C- HLKGRAGYTT	152	>RET-G748C- HLKCRAGYTT	28	124
>RET-G748C- HLKGRAGYTT	267	>RET-G748C- HLKCRAGYTT	754	487
>RET-G748C- HLKGRAGYTT	3	>RET-G748C- HLKCRAGYTT	9	6
>RET-G748C- HLKGRAGY	196	>RET-G748C- HLKCRAGY	1588	1392
>RET-G748C- HLKGRAGYTT	313	>RET-G748C- HLKCRAGYTT	227	86
>RET-G748C- HLKGRAGY	129	>RET-G748C- HLKCRAGY	307	178
>RET-G748C- HLKGRAGYTT	430	>RET-G748C- HLKCRAGYTT	116	314
>RET-G748C- HLKGRAGY	103	>RET-G748C- HLKCRAGY	86	17
>RET-G748C- HLKGRAGY	37	>RET-G748C- HLKCRAGY	95	58
>RET-G748C- HLKGRAGY	267	>RET-G748C- HLKCRAGY	274	7
>RET-G748C- FHLKGRAGY	242	>RET-G748C- FHLKCRAGY	524	282
>RET-G748C- FHLKGRAGY	531	>RET-G748C- FHLKCRAGY	371	160
>RET-G748C- FHLKGRAGY	229	>RET-G748C- FHLKCRAGY	3645	3416
>RET-G748C- FHLKGRAGY	115	>RET-G748C- FHLKCRAGY	74	41
>RET-G748C- FHLKGRAGY	201	>RET-G748C- FHLKCRAGY	193	8
>RET-G748C- AFHLKGRAG\	153	>RET-G748C- AFHLKCRAGY	316	163
>RET-G748C- TAFHLKGRAC	252	>RET-G748C- TAFHLKCRAG	530	278
>RET-G748C- TAFHLKGRAC	55	>RET-G748C- TAFHLKCRAG	115	60
>RET-G748C- TAFHLKGR	75	>RET-G748C- TAFHLKCR	46	29
>RET-G748C- TAFHLKGR	349	>RET-G748C- TAFHLKCR	202	147
>RET-G748C- TAFHLKGR	15	>RET-G748C- TAFHLKCR	14	1
>RET-G748C- TAFHLKGRAC	205	>RET-G748C- TAFHLKCRAG	177	28
>RET-G748C- TAFHLKGRA	139	>RET-G748C- TAFHLKCRA	213	74
>RET-G748C- TAFHLKGRAC	380	>RET-G748C- TAFHLKCRAG	311	69

>RET-G748C-TAFHLKGRAC	916	>RET-G748C-TAFHLKCRAG	370	546
>RET-G748C-TAFHLKGRAC	29	>RET-G748C-TAFHLKCRAG	30	1
>RET-G748C-TAFHLKGRAC	196	>RET-G748C-TAFHLKCRAG	153	43
>RET-G748C-TAFHLKGRAC	191	>RET-G748C-TAFHLKCRAG	282	91
>RET-G748C-TAFHLKGR	355	>RET-G748C-TAFHLKCR	429	74
>RET-G748C-ATAFHLKGR	92	>RET-G748C-ATAFHLKCR	58	34
>RET-G748C-ATAFHLKGR	51	>RET-G748C-ATAFHLKCR	68	17
>RET-G748C-ATAFHLKGR	79	>RET-G748C-ATAFHLKCR	70	9
>RET-G748C-KATAFHLKGR	779	>RET-G748C-KATAFHLKCR	417	362
>RET-G748C-KATAFHLKGR	47	>RET-G748C-KATAFHLKCR	26	21
>RET-G748C-KATAFHLKGR	67	>RET-G748C-KATAFHLKCR	118	51
>RET-G911D-GRIPVKWM	262	>RET-G911D-DRIPVKWM	2794	2532
>RET-G911D-GRIPVKWMA	102	>RET-G911D-DRIPVKWMA	1956	1854
>RET-G911D-GRIPVKWMA	346	>RET-G911D-DRIPVKWMA	2325	1979
>RET-G911D-QGRIPVKWM	357	>RET-G911D-QDRIPVKWM	5624	5267
>RET-G911D-QGRIPVKW	218	>RET-G911D-QDRIPVKW	5158	4940
>RET-G911D-QGRIPVKWM	20206	>RET-G911D-QDRIPVKWM	415	19791
>RET-G911D-SQGRIPVKWI	915	>RET-G911D-SQDRIPVKWI	152	763
>RET-G911D-SQGRIPVKWI	982	>RET-G911D-SQDRIPVKWI	332	650
>RET-G911D-SQGRIPVK	114	>RET-G911D-SQDRIPVK	113	1
>RET-G911D-SQGRIPVKW	370	>RET-G911D-SQDRIPVKW	732	362
>RET-G911D-RSQGRIPVK	151	>RET-G911D-RSQDRIPVK	318	167
>RET-G911D-RSQGRIPVK	33	>RET-G911D-RSQDRIPVK	26	7
>RET-G911D-RSQGRIPV	75	>RET-G911D-RSQDRIPV	94	19
>RET-G911D-RSQGRIPVK	8	>RET-G911D-RSQDRIPVK	8	0
>RET-G911D-RSQGRIPVK	150	>RET-G911D-RSQDRIPVK	105	45
>RET-G911D-RSQGRIPVKV	50	>RET-G911D-RSQDRIPVKV	121	71
>RET-G911D-RSQGRIPV	141	>RET-G911D-RSQDRIPV	169	28
>RET-G911D-RSQGRIPVKV	7	>RET-G911D-RSQDRIPVKV	6	1
>RET-G911D-RSQGRIPVKV	5	>RET-G911D-RSQDRIPVKV	5	0
>RET-G911D-RSQGRIPVKV	31	>RET-G911D-RSQDRIPVKV	42	11
>RET-G911D-RSQGRIPVKV	10	>RET-G911D-RSQDRIPVKV	11	1
>RET-G911D-RSQGRIPVKV	89	>RET-G911D-RSQDRIPVKV	78	11
>RET-G911D-RSQGRIPVKV	68	>RET-G911D-RSQDRIPVKV	77	9
>RET-G911D-RSQGRIPVKV	530	>RET-G911D-RSQDRIPVKV	469	61
>RET-G911D-KRSQGRIPV	519	>RET-G911D-KRSQDRIPV	490	29
>RET-G911D-KRSQGRIPV	218	>RET-G911D-KRSQDRIPV	232	14
>RET-G911D-KRSQGRIPVK	146	>RET-G911D-KRSQDRIPVK	140	6
>RET-G911D-KRSQGRIPV	95	>RET-G911D-KRSQDRIPV	156	61
>RET-G911D-KRSQGRIPVK	280	>RET-G911D-KRSQDRIPVK	414	134
>RET-G911D-KRSQGRIPV	155	>RET-G911D-KRSQDRIPV	379	224
>RET-G911D-KRSQGRIPVK	375	>RET-G911D-KRSQDRIPVK	339	36
>RET-G911D-KRSQGRIPVK	130	>RET-G911D-KRSQDRIPVK	126	4

>RET-G911D-VKRSQGRIPV	187	>RET-G911D-VKRSQDRIPV	307	120
>RET-G911D-VKRSQGRI	304	>RET-G911D-VKRSQDRI	526	222
>RET-G911D-VKRSQGRIPV	21	>RET-G911D-VKRSQDRIPV	56	35
>RET-G911D-VKRSQGRIPV	259	>RET-G911D-VKRSQDRIPV	627	368
>RET-G911D-YVKRSQGRIP	43	>RET-G911D-YVKRSQDRIP'	75	32
>RET-G911D-YVKRSQGRIP	397	>RET-G911D-YVKRSQDRIP'	326	71
>RET-G911D-YVKRSQGRIP	11	>RET-G911D-YVKRSQDRIP'	13	2
>RET-G911D-YVKRSQGRI	215	>RET-G911D-YVKRSQDRI	1329	1114
>RET-G911D-YVKRSQGRIP	36	>RET-G911D-YVKRSQDRIP'	116	80
>RET-G911D-YVKRSQGR	91	>RET-G911D-YVKRSQDR	287	196
>RET-G911D-YVKRSQGR	319	>RET-G911D-YVKRSQDR	501	182
>RET-G911D-YVKRSQGR	36	>RET-G911D-YVKRSQDR	62	26
>RET-G911D-YVKRSQGRIP	136	>RET-G911D-YVKRSQDRIP'	159	23
>RET-G911D-YVKRSQGRIP	488	>RET-G911D-YVKRSQDRIP'	601	113
>RET-G911D-SYVKRSQGRI	4	>RET-G911D-SYVKRSQDRI	5	1
>RET-G911D-SYVKRSQGRI	52	>RET-G911D-SYVKRSQDRI	46	6
>RET-G911D-SYVKRSQGR	235	>RET-G911D-SYVKRSQDR	720	485
>RET-G911D-SYVKRSQGR	33	>RET-G911D-SYVKRSQDR	55	22
>RET-G911D-DSYVKRSQGF	269	>RET-G911D-DSYVKRSQDF	565	296
>RET-G911D-DSYVKRSQGF	240	>RET-G911D-DSYVKRSQDF	538	298
>RET-G911D-DSYVKRSQGF	62	>RET-G911D-DSYVKRSQDF	134	72
>RET-G911D-DSYVKRSQGF	264	>RET-G911D-DSYVKRSQDF	350	86
>RET-G911D-EDSYVKRSQC	246	>RET-G911D-EDSYVKRSQC	486	240
>RET-L923V-SLFDHIYT	22	>RET-L923V-SVFDHIYT	277	255
>RET-L923V-SLFDHIYTT	13	>RET-L923V-SVFDHIYTT	71	58
>RET-L923V-SLFDHIYTTQ	147	>RET-L923V-SVFDHIYTTQ	2169	2022
>RET-L923V-SLFDHIYT	18	>RET-L923V-SVFDHIYT	589	571
>RET-L923V-SLFDHIYTT	10	>RET-L923V-SVFDHIYTT	210	200
>RET-L923V-SLFDHIYTTQ	23	>RET-L923V-SVFDHIYTTQ	1117	1094
>RET-L923V-SLFDHIYT	38	>RET-L923V-SVFDHIYT	698	660
>RET-L923V-SLFDHIYTT	8	>RET-L923V-SVFDHIYTT	109	101
>RET-L923V-SLFDHIYTTQ	38	>RET-L923V-SVFDHIYTTQ	1007	969
>RET-L923V-SLFDHIYT	76	>RET-L923V-SVFDHIYT	66	10
>RET-L923V-SLFDHIYTT	61	>RET-L923V-SVFDHIYTT	29	32
>RET-L923V-SLFDHIYT	3	>RET-L923V-SVFDHIYT	71	68
>RET-L923V-SLFDHIYTT	2	>RET-L923V-SVFDHIYTT	25	23
>RET-L923V-SLFDHIYTTQ	27	>RET-L923V-SVFDHIYTTQ	1437	1410
>RET-L923V-SLFDHIYTTQ	20	>RET-L923V-SVFDHIYTTQ	1072	1052
>RET-L923V-SLFDHIYT	79	>RET-L923V-SVFDHIYT	6364	6285
>RET-L923V-SLFDHIYTT	10	>RET-L923V-SVFDHIYTT	534	524
>RET-L923V-SLFDHIYT	16	>RET-L923V-SVFDHIYT	1873	1857
>RET-L923V-SLFDHIYTT	11	>RET-L923V-SVFDHIYTT	1369	1358
>RET-L923V-SLFDHIYTTQ	84	>RET-L923V-SVFDHIYTTQ	6422	6338



>RET-L923V- <sup>-</sup> SLFDHIYTTQ <sup>!</sup>	320	>RET-L923V- <sup>-</sup> SVFDHIYTTQ <sup>!</sup>	11221	10901
>RET-L923V- <sup>-</sup> SLFDHIYTT	230	>RET-L923V- <sup>-</sup> SVFDHIYTT	5568	5338
>RET-L923V- <sup>-</sup> SLFDHIYT	5	>RET-L923V- <sup>-</sup> SVFDHIYT	449	444
>RET-L923V- <sup>-</sup> SLFDHIYTT	3	>RET-L923V- <sup>-</sup> SVFDHIYTT	98	95
>RET-L923V- <sup>-</sup> SLFDHIYTTQ	5	>RET-L923V- <sup>-</sup> SVFDHIYTTQ	499	494
>RET-L923V- <sup>-</sup> SLFDHIYTTQ <sup>!</sup>	13	>RET-L923V- <sup>-</sup> SVFDHIYTTQ <sup>!</sup>	3115	3102
>RET-L923V- <sup>-</sup> SLFDHIYTT	150	>RET-L923V- <sup>-</sup> SVFDHIYTT	161	11
>RET-L923V- <sup>-</sup> SLFDHIYT	3784	>RET-L923V- <sup>-</sup> SVFDHIYT	209	3575
>RET-L923V- <sup>-</sup> SLFDHIYTT	3699	>RET-L923V- <sup>-</sup> SVFDHIYTT	111	3588
>RET-L923V- <sup>-</sup> SLFDHIYTTQ <sup>!</sup>	5708	>RET-L923V- <sup>-</sup> SVFDHIYTTQ <sup>!</sup>	380	5328
>RET-L923V- <sup>-</sup> SLFDHIYTT	4288	>RET-L923V- <sup>-</sup> SVFDHIYTT	433	3855
>RET-L923V- <sup>-</sup> IPVKWMAIES	412	>RET-L923V- <sup>-</sup> IPVKWMAIES	1429	1017
>RET-L923V- <sup>-</sup> IPVKWMAIES	43	>RET-L923V- <sup>-</sup> IPVKWMAIES	190	147
>RET-L923V- <sup>-</sup> IPVKWMAIES	398	>RET-L923V- <sup>-</sup> IPVKWMAIES	3485	3087
>RET-L923V- <sup>-</sup> IPVKWMAIES	1519	>RET-L923V- <sup>-</sup> IPVKWMAIES	352	1167
>RET-L923V- <sup>-</sup> IPVKWMAIES	153	>RET-L923V- <sup>-</sup> IPVKWMAIES	529	376
>RET-L923V- <sup>-</sup> IPVKWMAIES	4232	>RET-L923V- <sup>-</sup> IPVKWMAIES	83	4149
>RET-L923V- <sup>-</sup> IPVKWMAIES	458	>RET-L923V- <sup>-</sup> IPVKWMAIES	3570	3112
>RET-L923V- <sup>-</sup> IPVKWMAIES	168	>RET-L923V- <sup>-</sup> IPVKWMAIES	1440	1272
>RET-L923V- <sup>-</sup> ESLFDHIY	23	>RET-L923V- <sup>-</sup> ESVFDHIY	5	18
>RET-L923V- <sup>-</sup> ESLFDHIYTT	3828	>RET-L923V- <sup>-</sup> ESVFDHIYTT	408	3420
>RET-L923V- <sup>-</sup> ESLFDHIY	431	>RET-L923V- <sup>-</sup> ESVFDHIY	571	140
>RET-L923V- <sup>-</sup> ESLFDHIY	137	>RET-L923V- <sup>-</sup> ESVFDHIY	163	26
>RET-L923V- <sup>-</sup> ESLFDHIY	481	>RET-L923V- <sup>-</sup> ESVFDHIY	124	357
>RET-L923V- <sup>-</sup> ESLFDHIYTT <sup>C</sup>	1187	>RET-L923V- <sup>-</sup> ESVFDHIYTT <sup>C</sup>	315	872
>RET-L923V- <sup>-</sup> ESLFDHIYTT	1162	>RET-L923V- <sup>-</sup> ESVFDHIYTT	279	883
>RET-L923V- <sup>-</sup> ESLFDHIY	97	>RET-L923V- <sup>-</sup> ESVFDHIY	71	26
>RET-L923V- <sup>-</sup> ESLFDHIY	329	>RET-L923V- <sup>-</sup> ESVFDHIY	228	101
>RET-L923V- <sup>-</sup> IESLFDHI	212	>RET-L923V- <sup>-</sup> IESVFDHI	1143	931
>RET-L923V- <sup>-</sup> IESLFDHIY	112	>RET-L923V- <sup>-</sup> IESVFDHIY	52	60
>RET-L923V- <sup>-</sup> IESLFDHIY	1267	>RET-L923V- <sup>-</sup> IESVFDHIY	411	856
>RET-L923V- <sup>-</sup> IESLFDHIY	8	>RET-L923V- <sup>-</sup> IESVFDHIY	9	1
>RET-L923V- <sup>-</sup> IESLFDHIYTT	191	>RET-L923V- <sup>-</sup> IESVFDHIYTT	249	58
>RET-L923V- <sup>-</sup> IESLFDHI	101	>RET-L923V- <sup>-</sup> IESVFDHI	88	13
>RET-L923V- <sup>-</sup> IESLFDHIYTT	454	>RET-L923V- <sup>-</sup> IESVFDHIYTT	635	181
>RET-L923V- <sup>-</sup> IESLFDHIY	243	>RET-L923V- <sup>-</sup> IESVFDHIY	184	59
>RET-L923V- <sup>-</sup> IESLFDHIYTT	447	>RET-L923V- <sup>-</sup> IESVFDHIYTT	344	103
>RET-L923V- <sup>-</sup> IESLFDHI	92	>RET-L923V- <sup>-</sup> IESVFDHI	475	383
>RET-L923V- <sup>-</sup> IESLFDHIYTT	496	>RET-L923V- <sup>-</sup> IESVFDHIYTT	509	13
>RET-L923V- <sup>-</sup> AIESLFDHIY	287	>RET-L923V- <sup>-</sup> AIESVFDHIY	206	81
>RET-L923V- <sup>-</sup> AIESLFDHI	225	>RET-L923V- <sup>-</sup> AIESVFDHI	139	86
>RET-L923V- <sup>-</sup> AIESLFDHIY	411	>RET-L923V- <sup>-</sup> AIESVFDHIY	137	274
>RET-L923V- <sup>-</sup> AIESLFDHIY	355	>RET-L923V- <sup>-</sup> AIESVFDHIY	175	180

>RET-L923V- <sup>-1</sup> AIESLFDHIY	484	>RET-L923V- <sup>-1</sup> AIESVFDHIY	583	99
>RET-L923V- <sup>-1</sup> MAIESLFDHI	448	>RET-L923V- <sup>-1</sup> MAIESVFDHI	1011	563
>RET-L923V- <sup>-1</sup> MAIESLFDHI	77	>RET-L923V- <sup>-1</sup> MAIESVFDHI	110	33
>RET-L923V- <sup>-1</sup> MAIESLFDHI	744	>RET-L923V- <sup>-1</sup> MAIESVFDHI	364	380
>RET-L923V- <sup>-1</sup> MAIESLFDHI\	104	>RET-L923V- <sup>-1</sup> MAIESVFDHI'	143	39
>RET-L923V- <sup>-1</sup> MAIESLFDHI\	32	>RET-L923V- <sup>-1</sup> MAIESVFDHI'	41	9
>RET-L923V- <sup>-1</sup> MAIESLFDHI\	45	>RET-L923V- <sup>-1</sup> MAIESVFDHI'	57	12
>RET-L923V- <sup>-1</sup> MAIESLFDH	609	>RET-L923V- <sup>-1</sup> MAIESVFDH	265	344
>RET-L923V- <sup>-1</sup> MAIESLFDHI\	51	>RET-L923V- <sup>-1</sup> MAIESVFDHI'	34	17
>RET-L923V- <sup>-1</sup> MAIESLFDHI	60	>RET-L923V- <sup>-1</sup> MAIESVFDHI	27	33
>RET-L923V- <sup>-1</sup> MAIESLFDHI	68	>RET-L923V- <sup>-1</sup> MAIESVFDHI	71	3
>RET-L923V- <sup>-1</sup> MAIESLFDHI\	357	>RET-L923V- <sup>-1</sup> MAIESVFDHI'	228	129
>RET-L923V- <sup>-1</sup> MAIESLFDHI\	119	>RET-L923V- <sup>-1</sup> MAIESVFDHI'	65	54
>RET-L923V- <sup>-1</sup> MAIESLFDHI\	7	>RET-L923V- <sup>-1</sup> MAIESVFDHI'	7	0
>RET-L923V- <sup>-1</sup> MAIESLFDH	290	>RET-L923V- <sup>-1</sup> MAIESVFDH	158	132
>RET-L923V- <sup>-1</sup> MAIESLFDHI\	9	>RET-L923V- <sup>-1</sup> MAIESVFDHI'	8	1
>RET-L923V- <sup>-1</sup> MAIESLFDHI\	53	>RET-L923V- <sup>-1</sup> MAIESVFDHI'	39	14
>RET-L923V- <sup>-1</sup> MAIESLFDHI\	166	>RET-L923V- <sup>-1</sup> MAIESVFDHI'	137	29
>RET-L923V- <sup>-1</sup> MAIESLFDHI	84	>RET-L923V- <sup>-1</sup> MAIESVFDHI	47	37
>RET-L923V- <sup>-1</sup> MAIESLFDHI\	21	>RET-L923V- <sup>-1</sup> MAIESVFDHI'	16	5
>RET-L923V- <sup>-1</sup> MAIESLFDHI\	79	>RET-L923V- <sup>-1</sup> MAIESVFDHI'	54	25
>RET-L923V- <sup>-1</sup> WMAIESLFDI	200	>RET-L923V- <sup>-1</sup> WMAIESVFD	195	5
>RET-L923V- <sup>-1</sup> WMAIESLF	362	>RET-L923V- <sup>-1</sup> WMAIESVF	1019	657
>RET-L923V- <sup>-1</sup> WMAIESLFDI	12	>RET-L923V- <sup>-1</sup> WMAIESVFD	10	2
>RET-L923V- <sup>-1</sup> WMAIESLFDI	28	>RET-L923V- <sup>-1</sup> WMAIESVFD	25	3
>RET-L923V- <sup>-1</sup> WMAIESLFDI	26	>RET-L923V- <sup>-1</sup> WMAIESVFD	22	4
>RET-L923V- <sup>-1</sup> WMAIESLFDI	35	>RET-L923V- <sup>-1</sup> WMAIESVFD	23	12
>RET-L923V- <sup>-1</sup> WMAIESLFDI	90	>RET-L923V- <sup>-1</sup> WMAIESVFD	59	31
>RET-L923V- <sup>-1</sup> WMAIESLFDI	21	>RET-L923V- <sup>-1</sup> WMAIESVFD	18	3
>RET-L923V- <sup>-1</sup> WMAIESLFDI	103	>RET-L923V- <sup>-1</sup> WMAIESVFD	71	32
>RET-L923V- <sup>-1</sup> WMAIESLFDI	64	>RET-L923V- <sup>-1</sup> WMAIESVFD	53	11
>RET-L923V- <sup>-1</sup> WMAIESLF	523	>RET-L923V- <sup>-1</sup> WMAIESVF	318	205
>RET-L923V- <sup>-1</sup> WMAIESLF	111	>RET-L923V- <sup>-1</sup> WMAIESVF	1547	1436
>RET-L923V- <sup>-1</sup> WMAIESLF	95	>RET-L923V- <sup>-1</sup> WMAIESVF	40	55
>RET-L923V- <sup>-1</sup> WMAIESLF	184	>RET-L923V- <sup>-1</sup> WMAIESVF	108	76
>RET-L923V- <sup>-1</sup> WMAIESLF	16	>RET-L923V- <sup>-1</sup> WMAIESVF	8	8
>RET-L923V- <sup>-1</sup> WMAIESLF	157	>RET-L923V- <sup>-1</sup> WMAIESVF	57	100
>RET-L923V- <sup>-1</sup> KWMAIESL	72	>RET-L923V- <sup>-1</sup> KWMAIESV	266	194
>RET-L923V- <sup>-1</sup> KWMAIESL	61	>RET-L923V- <sup>-1</sup> KWMAIESV	49	12
>RET-L923V- <sup>-1</sup> KWMAIESL	391	>RET-L923V- <sup>-1</sup> KWMAIESV	78	313
>RET-L923V- <sup>-1</sup> KWMAIESLF	54	>RET-L923V- <sup>-1</sup> KWMAIESVF	107	53
>RET-L923V- <sup>-1</sup> KWMAIESLF	33	>RET-L923V- <sup>-1</sup> KWMAIESVF	71	38
>RET-L923V- <sup>-1</sup> KWMAIESL	41	>RET-L923V- <sup>-1</sup> KWMAIESV	940	899

>RET-L923V-KWMAIESLF	11	>RET-L923V-KWMAIESVF	9	2
>RET-L923V-KWMAIESLF	533	>RET-L923V-KWMAIESVF	169	364
>RET-L923V-KWMAIESLF	74	>RET-L923V-KWMAIESVF	126	52
>RET-L923V-KWMAIESL	20	>RET-L923V-KWMAIESV	25	5
>RET-L923V-KWMAIESLF	49	>RET-L923V-KWMAIESVF	61	12
>RET-L923V-KWMAIESLFI	189	>RET-L923V-KWMAIESVFI	200	11
>RET-L923V-VKWMAIESL	2210	>RET-L923V-VKWMAIESV	488	1722
>RET-L923V-VKWMAIESL	2384	>RET-L923V-VKWMAIESV	128	2256
>RET-L923V-VKWMAIESL	12	>RET-L923V-VKWMAIESV	25	13
>RET-L923V-VKWMAIESLI	4	>RET-L923V-VKWMAIESV	3	1
>RET-L923V-PVKWMAIES	6200	>RET-L923V-PVKWMAIES'	284	5916
>RET-M918T-MAIESLFDHI	448	>RET-M918T-TAIESLFDHI	407	41
>RET-M918T-MAIESLFDHI	77	>RET-M918T-TAIESLFDHI	180	103
>RET-M918T-MAIESLFDHI\	104	>RET-M918T-TAIESLFDHIY	40	64
>RET-M918T-MAIESLFDHI\	32	>RET-M918T-TAIESLFDHIY	118	86
>RET-M918T-MAIESLFDHI\	45	>RET-M918T-TAIESLFDHIY	88	43
>RET-M918T-MAIESLFDHI\	51	>RET-M918T-TAIESLFDHIY	172	121
>RET-M918T-MAIESLFDHI	60	>RET-M918T-TAIESLFDHI	105	45
>RET-M918T-MAIESLFDHI	68	>RET-M918T-TAIESLFDHI	111	43
>RET-M918T-MAIESLFDHI\	357	>RET-M918T-TAIESLFDHIY	1457	1100
>RET-M918T-MAIESLFDHI\	119	>RET-M918T-TAIESLFDHIY	1212	1093
>RET-M918T-MAIESLFDHI\	7	>RET-M918T-TAIESLFDHIY	25	18
>RET-M918T-MAIESLFDH	290	>RET-M918T-TAIESLFDH	2601	2311
>RET-M918T-MAIESLFDHI\	9	>RET-M918T-TAIESLFDHIY	32	23
>RET-M918T-MAIESLFDHI\	53	>RET-M918T-TAIESLFDHIY	399	346
>RET-M918T-MAIESLFDHI\	166	>RET-M918T-TAIESLFDHIY	405	239
>RET-M918T-MAIESLFDHI	84	>RET-M918T-TAIESLFDHI	1040	956
>RET-M918T-MAIESLFDHI\	21	>RET-M918T-TAIESLFDHIY	153	132
>RET-M918T-MAIESLFDHI\	79	>RET-M918T-TAIESLFDHIY	460	381
>RET-M918T-WMAIESLFDI	200	>RET-M918T-WTAIESLFDH	7760	7560
>RET-M918T-WMAIESLFI	362	>RET-M918T-WTAIESLFI	6542	6180
>RET-M918T-WMAIESLFDI	12	>RET-M918T-WTAIESLFDH	352	340
>RET-M918T-WMAIESLFDI	28	>RET-M918T-WTAIESLFDH	2057	2029
>RET-M918T-WMAIESLFDI	26	>RET-M918T-WTAIESLFDH	171	145
>RET-M918T-WMAIESLFDI	35	>RET-M918T-WTAIESLFDH	4420	4385
>RET-M918T-WMAIESLFDI	90	>RET-M918T-WTAIESLFDH	11582	11492
>RET-M918T-WMAIESLFDI	21	>RET-M918T-WTAIESLFDH	3197	3176
>RET-M918T-WMAIESLFDI	103	>RET-M918T-WTAIESLFDH	16235	16132
>RET-M918T-WMAIESLFDI	64	>RET-M918T-WTAIESLFDH	17854	17790
>RET-M918T-WMAIESLFI	111	>RET-M918T-WTAIESLFI	693	582
>RET-M918T-WMAIESLFDI	1306	>RET-M918T-WTAIESLFDH	32	1274
>RET-M918T-WMAIESLFDI	1225	>RET-M918T-WTAIESLFDH	190	1035
>RET-M918T-WMAIESLFI	95	>RET-M918T-WTAIESLFI	1136	1041

>RET-M918T WMAIESLF	184	>RET-M918T WTAIESLF	6325	6141
>RET-M918T WMAIESLF	16	>RET-M918T WTAIESLF	465	449
>RET-M918T WMAIESLF	724	>RET-M918T WTAIESLF	5	719
>RET-M918T WMAIESLF	157	>RET-M918T WTAIESLF	407	250
>RET-M918T WMAIESLF	2154	>RET-M918T WTAIESLF	328	1826
>RET-M918T WMAIESLF	7550	>RET-M918T WTAIESLF	195	7355
>RET-M918T WMAIESLFDH	11542	>RET-M918T WTAIESLFDH	247	11295
>RET-M918T WMAIESLFDH	1416	>RET-M918T WTAIESLFDH	34	1382
>RET-M918T RSQGRIPVKV	5	>RET-M918T RSQGRIPVKV	701	696
>RET-M918T RSQGRIPVKV	68	>RET-M918T RSQGRIPVKV	6042	5974
>RET-M918T KWMAIESL	72	>RET-M918T KWTAIESL	208	136
>RET-M918T KWMAIESL	61	>RET-M918T KWTAIESL	799	738
>RET-M918T KWMAIESL	391	>RET-M918T KWTAIESL	3105	2714
>RET-M918T KWMAIESLF	54	>RET-M918T KWTAIESLF	210	156
>RET-M918T KWMAIESLF	33	>RET-M918T KWTAIESLF	153	120
>RET-M918T KWMAIESL	41	>RET-M918T KWTAIESL	246	205
>RET-M918T KWMAIESLF	11	>RET-M918T KWTAIESLF	42	31
>RET-M918T KWMAIESLF	74	>RET-M918T KWTAIESLF	110	36
>RET-M918T KWMAIESL	20	>RET-M918T KWTAIESL	27	7
>RET-M918T KWMAIESLF	49	>RET-M918T KWTAIESLF	69	20
>RET-M918T KWMAIESLFD	189	>RET-M918T KWTAIESLFD	273	84
>RET-M918T VKWMAIESL	12	>RET-M918T VKWTAIESL	11	1
>RET-M918T VKWMAIESLF	4	>RET-M918T VKWTAIESLF	3	1
>RET-M918T IPVKWMAIES	412	>RET-M918T IPVKWTAIESI	282	130
>RET-M918T IPVKWMAI	41	>RET-M918T IPVKWTAI	26	15
>RET-M918T IPVKWMAIES	43	>RET-M918T IPVKWTAIESI	37	6
>RET-M918T IPVKWMAI	319	>RET-M918T IPVKWTAI	114	205
>RET-M918T IPVKWMAIES	398	>RET-M918T IPVKWTAIESI	163	235
>RET-M918T IPVKWMAIES	570	>RET-M918T IPVKWTAIESI	384	186
>RET-M918T IPVKWMAI	202	>RET-M918T IPVKWTAI	200	2
>RET-M918T IPVKWMAI	63	>RET-M918T IPVKWTAI	52	11
>RET-M918T IPVKWMAIES	153	>RET-M918T IPVKWTAIESI	111	42
>RET-M918T IPVKWMAI	48	>RET-M918T IPVKWTAI	63	15
>RET-M918T IPVKWMAIE	317	>RET-M918T IPVKWTAIE	542	225
>RET-M918T IPVKWMAI	333	>RET-M918T IPVKWTAI	243	90
>RET-M918T IPVKWMAIES	458	>RET-M918T IPVKWTAIESI	307	151
>RET-M918T IPVKWMAI	442	>RET-M918T IPVKWTAI	554	112
>RET-M918T IPVKWMAIES	168	>RET-M918T IPVKWTAIESI	111	57
>RET-M918T RIPVKWMA	760	>RET-M918T RIPVKWTA	435	325
>RET-M918T RIPVKWMAI	300	>RET-M918T RIPVKWTAI	245	55
>RET-M918T RIPVKWMAI	312	>RET-M918T RIPVKWTAI	3802	3490
>RET-M918T GRIPVKWM	262	>RET-M918T GRIPVKWT	4225	3963
>RET-M918T GRIPVKWMA	102	>RET-M918T GRIPVKWTAI	73	29

>RET-M918T GRIPVKWMA	346	>RET-M918T GRIPVKWTAI	482	136
>RET-M918T QGRIPVKWV	357	>RET-M918T QGRIPVKWTI	1959	1602
>RET-M918T SQGRIPVKWI	915	>RET-M918T SQGRIPVKWI	464	451
>RET-P766S-1 PSELRDLLSEF	1323	>RET-P766S-1 SSELRDLLSEF	13	1310
>RET-P766S-1 PSELRDLLSEF	1912	>RET-P766S-1 SSELRDLLSEF	40	1872
>RET-P766S-1 SPSELRDLL	8568	>RET-P766S-1 SSELRDLL	278	8290
>RET-P766S-1 SPSELRDLL	90	>RET-P766S-1 SSELRDLL	23288	23198
>RET-P766S-1 SPSELRDLL	142	>RET-P766S-1 SSELRDLL	24850	24708
>RET-P766S-1 SPSELRDLL	12379	>RET-P766S-1 SSELRDLL	353	12026
>RET-P766S-1 SPSELRDLL	6167	>RET-P766S-1 SSELRDLL	240	5927
>RET-P766S-1 ASPSELRDLL	7	>RET-P766S-1 ASSSELRDLL	3139	3132
>RET-P766S-1 ASPSELRDLL	3	>RET-P766S-1 ASSSELRDLL	329	326
>RET-P766S-1 ASPSELRDLLS	412	>RET-P766S-1 ASSSELRDLLS	16534	16122
>RET-P766S-1 NASPSELR	528	>RET-P766S-1 NASSSELR	443	85
>RET-P766S-1 NASPSELR	15	>RET-P766S-1 NASSSELR	7	8
>RET-P766S-1 ENASPSELR	19	>RET-P766S-1 ENASSSELR	8	11
>RET-P766S-1 ENASPSEL	145	>RET-P766S-1 ENASSSEL	196	51
>RET-P766S-1 KENASPSEL	2251	>RET-P766S-1 KENASSSEL	455	1796
>RET-P766S-1 KENASPSEL	103	>RET-P766S-1 KENASSSEL	83	20
>RET-P766S-1 KENASPSEL	65	>RET-P766S-1 KENASSSEL	25	40
>RET-P766S-1 KENASPSEL	24	>RET-P766S-1 KENASSSEL	19	5
>RET-P766S-1 KENASPSEL	302	>RET-P766S-1 KENASSSEL	182	120
>RET-P766S-1 KENASPSEL	138	>RET-P766S-1 KENASSSEL	91	47
>RET-P766S-1 LKENASPSEL	126	>RET-P766S-1 LKENASSSEL	81	45
>RET-P766S-1 MLKENASPSE	318	>RET-P766S-1 MLKENASSSE	344	26
>RET-P766S-1 MLKENASPSE	12	>RET-P766S-1 MLKENASSSE	8	4
>RET-P766S-1 MLKENASP	1643	>RET-P766S-1 MLKENASS	167	1476
>RET-P766S-1 MLKENASPS	59	>RET-P766S-1 MLKENASSS	79	20
>RET-P766S-1 MLKENASPSE	4	>RET-P766S-1 MLKENASSSE	5	1
>RET-P766S-1 MLKENASPSE	19	>RET-P766S-1 MLKENASSSE	28	9
>RET-P766S-1 MLKENASPSE	26	>RET-P766S-1 MLKENASSSE	21	5
>RET-P766S-1 MLKENASPSE	494	>RET-P766S-1 MLKENASSSE	361	133
>RET-P766S-1 MLKENASP	4471	>RET-P766S-1 MLKENASS	402	4069
>RET-P766S-1 MLKENASPS	644	>RET-P766S-1 MLKENASSS	258	386
>RET-P766S-1 MLKENASPSE	3	>RET-P766S-1 MLKENASSSE	2	1
>RET-P766S-1 MLKENASPSE	127	>RET-P766S-1 MLKENASSSE	88	39
>RET-P766S-1 MLKENASPSE	609	>RET-P766S-1 MLKENASSSE	242	367
>RET-P766S-1 MLKENASPSE	729	>RET-P766S-1 MLKENASSSE	424	305
>RET-P766S-1 MLKENASPSE	101	>RET-P766S-1 MLKENASSSE	94	7
>RET-R163Q- RELCFPET	67	>RET-R163Q- QELCFPET	407	340
>RET-R163Q- RELCFPETRP!	498	>RET-R163Q- QELCFPETRP!	3243	2745
>RET-R163Q- RELCFPET	42	>RET-R163Q- QELCFPET	40	2
>RET-R163Q- RELCFPETRP!	384	>RET-R163Q- QELCFPETRP!	389	5

>RET-R163Q- RELCFPETR	418	>RET-R163Q- QELCFPETR	2865	2447
>RET-R163Q- RELCFPETR	41	>RET-R163Q- QELCFPETR	96	55
>RET-R163Q- SFPACSSLKPF	98	>RET-R163Q- SFPACSSLKPC	17757	17659
>RET-R163Q- SFPACSSLKPF	27	>RET-R163Q- SFPACSSLKPC	3276	3249
>RET-R163Q- KPRELCFPETI	154	>RET-R163Q- KPQELCFPETI	144	10
>RET-R163Q- LKPRELCF	36	>RET-R163Q- LKPQELCF	46	10
>RET-R163Q- SLKPRELC	282	>RET-R163Q- SLKPQELC	193	89
>RET-R163Q- SLKPRELCF	63	>RET-R163Q- SLKPQELCF	1666	1603
>RET-R163Q- SLKPRELCF	226	>RET-R163Q- SLKPQELCF	196	30
>RET-R163Q- SLKPRELCF	155	>RET-R163Q- SLKPQELCF	132	23
>RET-R163Q- SSLKPRELCF	56	>RET-R163Q- SSLKPQELCF	56	0
>RET-R163Q- SSLKPREL	131	>RET-R163Q- SSLKPQEL	69	62
>RET-R163Q- SSLKPRELCF	36	>RET-R163Q- SSLKPQELCF	26	10
>RET-R163Q- CSSLKPREL	856	>RET-R163Q- CSSLKQEL	373	483
>RET-R163Q- CSSLKPRELCF	132	>RET-R163Q- CSSLKQELCF	105	27
>RET-R163Q- FPACSSLKPR	208	>RET-R163Q- FPACSSLKQ	174	34
>RET-R163Q- FPACSSLKPRI	645	>RET-R163Q- FPACSSLKQI	229	416
>RET-R330W RVEHWPNET	580	>RET-R330W WVEHWPNE	232	348
>RET-R330W RVEHWPNET	488	>RET-R330W WVEHWPNE	400	88
>RET-R330W RVEHWPNET	84	>RET-R330W WVEHWPNE	27	57
>RET-R330W RVEHWPNET	4536	>RET-R330W WVEHWPNE	228	4308
>RET-R330W RVEHWPNET	4001	>RET-R330W WVEHWPNE	458	3543
>RET-R330W FRVEHWPNE	399	>RET-R330W FWVEHWPNI	15363	14964
>RET-R330W FRVEHWPNI	32856	>RET-R330W FWVEHWPNI	372	32484
>RET-R330W QTFRVEHW	82	>RET-R330W QTFWVEHW	31	51
>RET-R330W QTFRVEHW	18	>RET-R330W QTFWVEHW	11	7
>RET-R330W QTFRVEHW	42	>RET-R330W QTFWVEHW	46	4
>RET-R330W QTFRVEHW	11	>RET-R330W QTFWVEHW	10	1
>RET-R330W QTFRVEHW	439	>RET-R330W QTFWVEHW	579	140
>RET-R330W QQTFRVEHW	2477	>RET-R330W QQTFWVEHV	384	2093
>RET-R330W QQTFRVEHW	1951	>RET-R330W QQTFWVEHV	351	1600
>RET-R330W AQQTFRVEH'	511	>RET-R330W AQQTFWVEH'	305	206
>RET-R330W AQQTFRVEH	122	>RET-R330W AQQTFWVEH'	149	27
>RET-R330W AQQTFRVEH'	310	>RET-R330W AQQTFWVEH'	341	31
>RET-R330W AQQTFRVEH'	280	>RET-R330W AQQTFWVEH'	301	21
>RET-R330W AQQTFRVEH'	1235	>RET-R330W AQQTFWVEH'	395	840
>RET-R330W WAQQTFRV	301	>RET-R330W WAQQTFWV	53	248
>RET-R330W WAQQTFRV	397	>RET-R330W WAQQTFWV	157	240
>RET-R330W WAQQTFRV	82	>RET-R330W WAQQTFWV	28	54
>RET-R330W WAQQTFRV	249	>RET-R330W WAQQTFWV	106	143
>RET-R330W WAQQTFRVE	32	>RET-R330W WAQQTFWV	38	6
>RET-R330W WAQQTFRVE	173	>RET-R330W WAQQTFWV	47	126
>RET-R330W WAQQTFRVE	89	>RET-R330W WAQQTFWV	60	29

>RET-R330W WAQQTFRVE	22	>RET-R330W WAQQTFWV	11	11
>RET-R330W WAQQTFRVE	47	>RET-R330W WAQQTFWV	26	21
>RET-R330W TWAQQTFRV	1092	>RET-R330W TWAQQTFW'	293	799
>RET-R330W TWAQQTFR	12154	>RET-R330W TWAQQTFW	422	11732
>RET-R330W TWAQQTFR	11158	>RET-R330W TWAQQTFW	170	10988
>RET-R330W TWAQQTFRV	988	>RET-R330W TWAQQTFW'	416	572
>RET-R330W TWAQQTFR	204	>RET-R330W TWAQQTFW	22354	22150
>RET-R330W TWAQQTFR	175	>RET-R330W TWAQQTFW	30362	30187
>RET-R330W TWAQQTFR	17	>RET-R330W TWAQQTFW	2869	2852
>RET-R330W TWAQQTFR	324	>RET-R330W TWAQQTFW	169	155
>RET-R330W DTWAQQTFF	355	>RET-R330W DTWAQQTFV	300	55
>RET-R330W DTWAQQTFF	315	>RET-R330W DTWAQQTFV	130	185
>RET-R330W DTWAQQTFF	573	>RET-R330W DTWAQQTFV	329	244
>RET-R330W DTWAQQTFF	25	>RET-R330W DTWAQQTFV	15373	15348
>RET-R330W DTWAQQTFF	7	>RET-R330W DTWAQQTFV	2712	2705
>RET-R330W DTWAQQTFF	7	>RET-R330W DTWAQQTFV	12067	12060
>RET-R330W DTWAQQTFF	51	>RET-R330W DTWAQQTFV	109	58
>RET-R330W DTWAQQTFF	6	>RET-R330W DTWAQQTFV	6	0
>RET-R330W DTWAQQTFF	20783	>RET-R330W DTWAQQTFV	70	20713
>RET-R330W DTWAQQTFF	23551	>RET-R330W DTWAQQTFV	76	23475
>RET-R330W DTWAQQTFF	21269	>RET-R330W DTWAQQTFV	159	21110
>RET-R330W DTWAQQTFF	155	>RET-R330W DTWAQQTFV	31371	31216
>RET-R330W GDTWAQQTI	488	>RET-R330W GDTWAQQTI	2564	2076
>RET-R330W GDTWAQQTI	134	>RET-R330W GDTWAQQTI	157	23
>RET-R360W RNLSISENR	84	>RET-R360W WNLSISENR	6073	5989
>RET-R360W RNLSISENRTI	411	>RET-R360W WNLSISENRT	733	322
>RET-R360W RNLSISENRTI	89	>RET-R360W WNLSISENRT	61	28
>RET-R360W RNLSISENR	82	>RET-R360W WNLSISENR	496	414
>RET-R360W NRNLSISENR	1876	>RET-R360W NWNLSISENF	441	1435
>RET-R360W NRNLSISENR	1674	>RET-R360W NWNLSISENF	357	1317
>RET-R360W NRNLSISENR	4395	>RET-R360W NWNLSISENF	38	4357
>RET-R360W TVHDYRLVLN	59	>RET-R360W TVHDYRLVLN	17367	17308
>RET-R360W TVHDYRLVLN	44	>RET-R360W TVHDYRLVLN	17817	17773
>RET-R360W TVHDYRLVLN	385	>RET-R360W TVHDYRLVLN	29686	29301
>RET-R360W TVHDYRLVLN	19	>RET-R360W TVHDYRLVLN	15498	15479
>RET-R360W TVHDYRLVLN	21662	>RET-R360W TVHDYRLVLN	154	21508
>RET-R360W TVHDYRLVLN	22305	>RET-R360W TVHDYRLVLN	207	22098
>RET-R360W TVHDYRLVLN	122	>RET-R360W TVHDYRLVLN	28173	28051
>RET-R360W LNRNLSISENF	1046	>RET-R360W LNWNLSISEN	251	795
>RET-R360W LNRNLSISENF	3763	>RET-R360W LNWNLSISEN	292	3471
>RET-R360W VLNRNLSI	506	>RET-R360W VLNWNLSI	74	432
>RET-R360W VLNRNLSI	168	>RET-R360W VLNWNLSI	88	80
>RET-R360W VLNRNLSI	18	>RET-R360W VLNWNLSI	11	7

>RET-R360W VLNRNLSIS	771	>RET-R360W VLNWNLSIS	266	505
>RET-R360W VLNRNLSI	15	>RET-R360W VLNWNLSI	4	11
>RET-R360W VLNRNLSI	33	>RET-R360W VLNWNLSI	24	9
>RET-R360W VLNRNLSI	154	>RET-R360W VLNWNLSI	28	126
>RET-R360W VLNRNLSI	172	>RET-R360W VLNWNLSI	19	153
>RET-R360W VLNRNLSI	7	>RET-R360W VLNWNLSI	4	3
>RET-R360W VLNRNLSIS	1405	>RET-R360W VLNWNLSIS	210	1195
>RET-R360W VLNRNLSI	505	>RET-R360W VLNWNLSI	160	345
>RET-R360W LVLNRNLSI	874	>RET-R360W LVLNWNLSI	71	803
>RET-R360W LVLNRNLSI	70	>RET-R360W LVLNWNLSI	32	38
>RET-R360W LVLNRNLSI	979	>RET-R360W LVLNWNLSI	27	952
>RET-R360W LVLNRNLSI	2846	>RET-R360W LVLNWNLSI	308	2538
>RET-R360W LVLNRNLSI	4762	>RET-R360W LVLNWNLSI	297	4465
>RET-R360W LVLNRNLSI	4799	>RET-R360W LVLNWNLSI	206	4593
>RET-R360W LVLNRNLSI	1740	>RET-R360W LVLNWNLSI	127	1613
>RET-R360W LVLNRNLSI	275	>RET-R360W LVLNWNLSI	915	640
>RET-R360W LVLNRNLSI	107	>RET-R360W LVLNWNLSI	52	55
>RET-R360W LVLNRNLSI	2167	>RET-R360W LVLNWNLSI	28	2139
>RET-R360W LVLNRNLSI	196	>RET-R360W LVLNWNLSI	8261	8065
>RET-R360W LVLNRNLSI	188	>RET-R360W LVLNWNLSI	138	50
>RET-R360W RLVLNRNL	6523	>RET-R360W RLVLNWNL	221	6302
>RET-R360W RLVLNRNLSI	279	>RET-R360W RLVLNWNLSI	113	166
>RET-R360W RLVLNRNL	348	>RET-R360W RLVLNWNL	36	312
>RET-R360W RLVLNRNLSI	227	>RET-R360W RLVLNWNLSI	136	91
>RET-R360W RLVLNRNL	672	>RET-R360W RLVLNWNL	217	455
>RET-R360W RLVLNRNLSI	97	>RET-R360W RLVLNWNLSI	99	2
>RET-R360W RLVLNRNL	4920	>RET-R360W RLVLNWNL	105	4815
>RET-R360W RLVLNRNLSI	464	>RET-R360W RLVLNWNLSI	189	275
>RET-R360W RLVLNRNL	805	>RET-R360W RLVLNWNL	32	773
>RET-R360W RLVLNRNLSI	469	>RET-R360W RLVLNWNLSI	47	422
>RET-R360W RLVLNRNL	1546	>RET-R360W RLVLNWNL	40	1506
>RET-R360W RLVLNRNLSI	529	>RET-R360W RLVLNWNLSI	103	426
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>RET-R360W RLVLNRNL	8525	>RET-R360W RLVLNWNL	359	8166
>RET-R360W RLVLNRNL	203	>RET-R360W RLVLNWNL	20	183
>RET-R360W RLVLNRNLSI	172	>RET-R360W RLVLNWNLSI	100	72
>RET-R360W RLVLNRNLSI	55	>RET-R360W RLVLNWNLSI	102	47
>RET-R360W YRLVLNRNL	205	>RET-R360W YRLVLNWNL	253	48
>RET-R360W YRLVLNRNLS	125	>RET-R360W YRLVLNWNLS	123	2
>RET-R360W YRLVLNRNL	26	>RET-R360W YRLVLNWNL	17	9
>RET-R360W YRLVLNRNLS	25	>RET-R360W YRLVLNWNLS	21	4
>RET-R360W YRLVLNRNL	423	>RET-R360W YRLVLNWNL	31	392
>RET-R360W YRLVLNRNLS	321	>RET-R360W YRLVLNWNLS	82	239



>RET-R360W YRLVLNRNL	324	>RET-R360W YRLVLNWNL	409	85
>RET-R360W YRLVLNRNL	36	>RET-R360W YRLVLNWNL	302	266
>RET-R360W YRLVLNRNLS	239	>RET-R360W YRLVLNWNLS	611	372
>RET-R360W DYRLVLNRNL	1181	>RET-R360W DYRLVLNWN	327	854
>RET-R360W DYRLVLNRNL	3405	>RET-R360W DYRLVLNWN	490	2915
>RET-R360W DYRLVLNR	7	>RET-R360W DYRLVLNW	4334	4327
>RET-R360W DYRLVLNR	224	>RET-R360W DYRLVLNW	29943	29719
>RET-R360W HDYRLVLNRM	55	>RET-R360W HDYRLVLNW	29	26
>RET-R360W HDYRLVLNR	21551	>RET-R360W HDYRLVLNW	480	21071
>RET-R360W HDYRLVLNRM	506	>RET-R360W HDYRLVLNW	205	301
>RET-R360W HDYRLVLNR	31032	>RET-R360W HDYRLVLNW	326	30706
>RET-R360W HDYRLVLNR	120	>RET-R360W HDYRLVLNW	29188	29068
>RET-R360W HDYRLVLNRM	2427	>RET-R360W HDYRLVLNW	371	2056
>RET-R908K- RSQGRIPVK	151	>RET-R908K- KSQGRIPVK	148	3
>RET-R908K- RSQGRIPVK	33	>RET-R908K- KSQGRIPVK	34	1
>RET-R908K- RSQGRIPV	75	>RET-R908K- KSQGRIPV	86	11
>RET-R908K- RSQGRIPVK	8	>RET-R908K- KSQGRIPVK	8	0
>RET-R908K- RSQGRIPVK	150	>RET-R908K- KSQGRIPVK	178	28
>RET-R908K- RSQGRIPVKM	50	>RET-R908K- KSQGRIPVKM	44	6
>RET-R908K- RSQGRIPV	141	>RET-R908K- KSQGRIPV	327	186
>RET-R908K- RSQGRIPVKM	7	>RET-R908K- KSQGRIPVKM	13	6
>RET-R908K- RSQGRIPVKM	5	>RET-R908K- KSQGRIPVKM	8	3
>RET-R908K- RSQGRIPVKM	31	>RET-R908K- KSQGRIPVKM	30	1
>RET-R908K- RSQGRIPVKM	10	>RET-R908K- KSQGRIPVKM	11	1
>RET-R908K- RSQGRIPVKM	89	>RET-R908K- KSQGRIPVKM	335	246
>RET-R908K- RSQGRIPVKM	68	>RET-R908K- KSQGRIPVKM	110	42
>RET-R908K- KRSQGRIPV	519	>RET-R908K- KKSQGRIPV	75	444
>RET-R908K- KRSQGRIPVK	1138	>RET-R908K- KKSQGRIPVK	280	858
>RET-R908K- KRSQGRIPV	218	>RET-R908K- KKSQGRIPV	5925	5707
>RET-R908K- KRSQGRIPVK	146	>RET-R908K- KKSQGRIPVK	10760	10614
>RET-R908K- KRSQGRIPV	95	>RET-R908K- KKSQGRIPV	2893	2798
>RET-R908K- KRSQGRIPVK	280	>RET-R908K- KKSQGRIPVK	6715	6435
>RET-R908K- KRSQGRIPV	155	>RET-R908K- KKSQGRIPV	5383	5228
>RET-R908K- KRSQGRIPVK	375	>RET-R908K- KKSQGRIPVK	11178	10803
>RET-R908K- KRSQGRIPVK	130	>RET-R908K- KKSQGRIPVK	1861	1731
>RET-R908K- DVYEEDSYVK	38	>RET-R908K- DVYEEDSYVK	599	561
>RET-R908K- DVYEEDSYVK	7	>RET-R908K- DVYEEDSYVK	12	5
>RET-R908K- DVYEEDSYVK	443	>RET-R908K- DVYEEDSYVK	10167	9724
>RET-R908K- VKRSQGRIPV	187	>RET-R908K- VKKSQGRIPV	1211	1024
>RET-R908K- VKRSQGRIPV	304	>RET-R908K- VKKSQGRIPV	656	352
>RET-R908K- VKRSQGRIPV	21	>RET-R908K- VKKSQGRIPV	50	29
>RET-R908K- VKRSQGRIPV	259	>RET-R908K- VKKSQGRIPV	590	331
>RET-R908K- YVKRSQGRIP	43	>RET-R908K- YVKSQGRIP	41	2

>RET-R908K- YVKRSQGRIP	397	>RET-R908K- YVKKSQGRIP'	371	26
>RET-R908K- YVKRSQGRIP	11	>RET-R908K- YVKKSQGRIP'	19	8
>RET-R908K- YVKRSQGRIP	215	>RET-R908K- YVKKSQGRIP'	511	296
>RET-R908K- YVKRSQGRIP	36	>RET-R908K- YVKKSQGRIP'	62	26
>RET-R908K- YVKRSQGR	91	>RET-R908K- YVKKSQGR	150	59
>RET-R908K- YVKRSQGR	319	>RET-R908K- YVKKSQGR	471	152
>RET-R908K- YVKRSQGR	36	>RET-R908K- YVKKSQGR	36	0
>RET-R908K- YVKRSQGRIP	136	>RET-R908K- YVKKSQGRIP'	152	16
>RET-R908K- YVKRSQGRIP	488	>RET-R908K- YVKKSQGRIP'	416	72
>RET-R908K- SYVKRSQGRIP	4	>RET-R908K- SYVKKSQGRIP'	9	5
>RET-R908K- SYVKRSQGRIP	52	>RET-R908K- SYVKKSQGRIP'	56	4
>RET-R908K- SYVKRSQGR	235	>RET-R908K- SYVKKSQGR	376	141
>RET-R908K- SYVKRSQGR	33	>RET-R908K- SYVKKSQGR	31	2
>RET-R908K- DSYVKRSQGR	269	>RET-R908K- DSYVKKSQGR	370	101
>RET-R908K- DSYVKRSQGR	240	>RET-R908K- DSYVKKSQGR	351	111
>RET-R908K- DSYVKRSQGR	62	>RET-R908K- DSYVKKSQGR	129	67
>RET-R908K- DSYVKRSQGR	264	>RET-R908K- DSYVKKSQGR	351	87
>RET-R908K- EDSYVKRSQGR	246	>RET-R908K- EDSYVKKSQGR	305	59
>RET-R908K- YEEDSYVKR	482	>RET-R908K- YEEDSYVKK	8551	8069
>RET-R908K- VYEEDSYVKR	69	>RET-R908K- VYEEDSYVKK	1703	1634
>RET-S922P-PLFDHIYT	22	>RET-S922P-PLFDHIYT	943	921
>RET-S922P-PLFDHIYTT	13	>RET-S922P-PLFDHIYTT	178	165
>RET-S922P-PLFDHIYTTQ	147	>RET-S922P-PLFDHIYTTQ	6556	6409
>RET-S922P-PLFDHIYT	18	>RET-S922P-PLFDHIYT	363	345
>RET-S922P-PLFDHIYTT	10	>RET-S922P-PLFDHIYTT	175	165
>RET-S922P-PLFDHIYTTQ	23	>RET-S922P-PLFDHIYTTQ	664	641
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>RET-S922P-PLFDHIYTT	8	>RET-S922P-PLFDHIYTT	405	397
>RET-S922P-PLFDHIYTTQ	38	>RET-S922P-PLFDHIYTTQ	2295	2257
>RET-S922P-PLFDHIYT	76	>RET-S922P-PLFDHIYT	2506	2430
>RET-S922P-PLFDHIYTT	61	>RET-S922P-PLFDHIYTT	1733	1672
>RET-S922P-PLFDHIYT	3	>RET-S922P-PLFDHIYT	26	23
>RET-S922P-PLFDHIYTT	2	>RET-S922P-PLFDHIYTT	9	7
>RET-S922P-PLFDHIYTTQ	27	>RET-S922P-PLFDHIYTTQ	562	535
>RET-S922P-PLFDHIYTTQ	20	>RET-S922P-PLFDHIYTTQ	420	400
>RET-S922P-PLFDHIYT	79	>RET-S922P-PLFDHIYT	3343	3264
>RET-S922P-PLFDHIYTT	10	>RET-S922P-PLFDHIYTT	319	309
>RET-S922P-PLFDHIYT	16	>RET-S922P-PLFDHIYT	707	691
>RET-S922P-PLFDHIYTT	11	>RET-S922P-PLFDHIYTT	477	466
>RET-S922P-PLFDHIYTTQ	84	>RET-S922P-PLFDHIYTTQ	3623	3539
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>RET-S922P-PLFDHIYTT	230	>RET-S922P-PLFDHIYTT	640	410
>RET-S922P-PLFDHIYT	5	>RET-S922P-PLFDHIYT	58	53

>RET-S922P-1SLFDHIYTT	3	>RET-S922P-1PLFDHIYTT	18	15
>RET-S922P-1SLFDHIYTTQ	5	>RET-S922P-1PLFDHIYTTQ	70	65
>RET-S922P-1SLFDHIYTTQ5	13	>RET-S922P-1PLFDHIYTTQ5	346	333
>RET-S922P-1SLFDHIYTT	150	>RET-S922P-1PLFDHIYTT	2813	2663
>RET-S922P-1ESLFDHIY	23	>RET-S922P-1EPLFDHIY	522	499
>RET-S922P-1ESLFDHIY	431	>RET-S922P-1EPLFDHIY	2965	2534
>RET-S922P-1ESLFDHIY	137	>RET-S922P-1EPLFDHIY	2519	2382
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>RET-S922P-1ESLFDHIY	97	>RET-S922P-1EPLFDHIY	22350	22253
>RET-S922P-1ESLFDHIY	329	>RET-S922P-1EPLFDHIY	17	312
>RET-S922P-1ESLFDHIY	11586	>RET-S922P-1EPLFDHIY	87	11499
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>RET-S922P-1IESLFDHI	212	>RET-S922P-1IEPLFDHI	801	589
>RET-S922P-1IESLFDHIY	112	>RET-S922P-1IEPLFDHIY	742	630
>RET-S922P-1IESLFDHIY	8	>RET-S922P-1IEPLFDHIY	26	18
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>RET-S922P-1IESLFDHI	101	>RET-S922P-1IEPLFDHI	3736	3635
>RET-S922P-1IESLFDHIYTT	454	>RET-S922P-1IEPLFDHIYTT	1952	1498
>RET-S922P-1IESLFDHIY	243	>RET-S922P-1IEPLFDHIY	1586	1343
>RET-S922P-1IESLFDHIYTT	447	>RET-S922P-1IEPLFDHIYTT	12262	11815
>RET-S922P-1IESLFDHI	92	>RET-S922P-1IEPLFDHI	213	121
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>RET-S922P-1AIESLFDHIY	287	>RET-S922P-1AIEPLFDHIY	835	548
>RET-S922P-1AIESLFDHI	225	>RET-S922P-1AIEPLFDHI	65	160
>RET-S922P-1AIESLFDHIY	411	>RET-S922P-1AIEPLFDHIY	644	233
>RET-S922P-1AIESLFDHIY	355	>RET-S922P-1AIEPLFDHIY	532	177
>RET-S922P-1AIESLFDHIY	484	>RET-S922P-1AIEPLFDHIY	705	221
>RET-S922P-1MAIESLFDHI	448	>RET-S922P-1MAIEPLFDHI	370	78
>RET-S922P-1MAIESLFDHI	77	>RET-S922P-1MAIEPLFDHI	82	5
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>RET-S922P-1MAIESLFDHI\	104	>RET-S922P-1MAIEPLFDHI\	54	50
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>RET-S922P-1MAIESLFDHI\	45	>RET-S922P-1MAIEPLFDHI\	64	19
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>RET-S922P-1MAIESLFDHI	60	>RET-S922P-1MAIEPLFDHI	48	12
>RET-S922P-1MAIESLFDHI	68	>RET-S922P-1MAIEPLFDHI	37	31
>RET-S922P-1MAIESLFDHI\	357	>RET-S922P-1MAIEPLFDHI\	694	337
>RET-S922P-1MAIESLFDHI\	119	>RET-S922P-1MAIEPLFDHI\	233	114
>RET-S922P-1MAIESLFDHI\	7	>RET-S922P-1MAIEPLFDHI\	10	3
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>RET-S922P-1MAIESLFDHI\	9	>RET-S922P-1MAIEPLFDHI\	11	2
>RET-S922P-1MAIESLFDHI\	53	>RET-S922P-1MAIEPLFDHI\	88	35
>RET-S922P-1MAIESLFDHI\	166	>RET-S922P-1MAIEPLFDHI\	315	149

>RET-S922P-1 MAIESLFDHI	84	>RET-S922P-1 MAIEPLFDHI	150	66
>RET-S922P-1 MAIESLFDHI)	21	>RET-S922P-1 MAIEPLFDHI`	34	13
>RET-S922P-1 MAIESLFDHI)	79	>RET-S922P-1 MAIEPLFDHI`	109	30
>RET-S922P-1 WMAIESLFDI	200	>RET-S922P-1 WMAIEPLFDI	210	10
>RET-S922P-1 WMAIESLF	362	>RET-S922P-1 WMAIEPLF	865	503
>RET-S922P-1 WMAIESLFDI	12	>RET-S922P-1 WMAIEPLFDI	18	6
>RET-S922P-1 WMAIESLFDI	28	>RET-S922P-1 WMAIEPLFDI	26	2
>RET-S922P-1 WMAIESLFDI	26	>RET-S922P-1 WMAIEPLFDI	58	32
>RET-S922P-1 WMAIESLFDI	35	>RET-S922P-1 WMAIEPLFDI	25	10
>RET-S922P-1 WMAIESLFDI	90	>RET-S922P-1 WMAIEPLFDI	115	25
>RET-S922P-1 WMAIESLFDI	21	>RET-S922P-1 WMAIEPLFDI	23	2
>RET-S922P-1 WMAIESLFDI	103	>RET-S922P-1 WMAIEPLFDI	127	24
>RET-S922P-1 WMAIESLFDI	64	>RET-S922P-1 WMAIEPLFDI	73	9
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>RET-S922P-1 WMAIESLF	184	>RET-S922P-1 WMAIEPLF	1210	1026
>RET-S922P-1 WMAIESLF	16	>RET-S922P-1 WMAIEPLF	27	11
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>RET-S922P-1 KWMAIESL	72	>RET-S922P-1 KWMAIEPL	306	234
>RET-S922P-1 KWMAIESL	61	>RET-S922P-1 KWMAIEPL	66	5
>RET-S922P-1 KWMAIESL	391	>RET-S922P-1 KWMAIEPL	247	144
>RET-S922P-1 KWMAIESLF	54	>RET-S922P-1 KWMAIEPLF	58	4
>RET-S922P-1 KWMAIESLF	33	>RET-S922P-1 KWMAIEPLF	35	2
>RET-S922P-1 KWMAIESL	41	>RET-S922P-1 KWMAIEPL	112	71
>RET-S922P-1 KWMAIESLF	11	>RET-S922P-1 KWMAIEPLF	12	1
>RET-S922P-1 KWMAIESLF	74	>RET-S922P-1 KWMAIEPLF	2520	2446
>RET-S922P-1 KWMAIESL	20	>RET-S922P-1 KWMAIEPL	30	10
>RET-S922P-1 KWMAIESLF	49	>RET-S922P-1 KWMAIEPLF	76	27
>RET-S922P-1 KWMAIESLFI	189	>RET-S922P-1 KWMAIEPLFI	262	73
>RET-S922P-1 VKWMAIESL	12	>RET-S922P-1 VKWMAIEPL	11	1
>RET-S922P-1 VKWMAIESLI	4	>RET-S922P-1 VKWMAIEPLI	6	2
>RET-S922P-1 VKWMAIESL	1237	>RET-S922P-1 VKWMAIEPL	499	738
>RET-S922P-1 IPVKWMAIES	412	>RET-S922P-1 IPVKWMAIEF	1443	1031
>RET-S922P-1 IPVKWMAIES	43	>RET-S922P-1 IPVKWMAIEF	28	15
>RET-S922P-1 IPVKWMAIES	398	>RET-S922P-1 IPVKWMAIEF	116	282
>RET-S922P-1 IPVKWMAIES	570	>RET-S922P-1 IPVKWMAIEF	319	251
>RET-S922P-1 IPVKWMAIES	153	>RET-S922P-1 IPVKWMAIEF	252	99
>RET-S922P-1 IPVKWMAIES	458	>RET-S922P-1 IPVKWMAIEF	244	214
>RET-S922P-1 IPVKWMAIES	168	>RET-S922P-1 IPVKWMAIEF	197	29
>RET-T636M TVIAAAVL	4247	>RET-T636M MVIAAAVL	356	3891
>RET-T636M TVIAAAVL	779	>RET-T636M MVIAAAVL	73	706
>RET-T636M TVIAAAVL	1180	>RET-T636M MVIAAAVL	145	1035
>RET-T636M TVIAAAVL	203	>RET-T636M MVIAAAVL	23	180

>RET-T636M TVIAAAVLF	774	>RET-T636M MVIAAAVLF	97	677
>RET-T636M TVIAAAVLFSF	93	>RET-T636M MVIAAAVLFS	20	73
>RET-T636M TVIAAAVL	2172	>RET-T636M MVIAAAVL	210	1962
>RET-T636M TVIAAAVLF	206	>RET-T636M MVIAAAVLF	152	54
>RET-T636M TVIAAAVLFSF	147	>RET-T636M MVIAAAVLFS	83	64
>RET-T636M TVIAAAVLF	1644	>RET-T636M MVIAAAVLF	339	1305
>RET-T636M TVIAAAVLFSF	465	>RET-T636M MVIAAAVLFS	92	373
>RET-T636M TVIAAAVLFSF	399	>RET-T636M MVIAAAVLFS	460	61
>RET-T636M TVIAAAVL	73	>RET-T636M MVIAAAVL	207	134
>RET-T636M TVIAAAVLF	87	>RET-T636M MVIAAAVLF	251	164
>RET-T636M TVIAAAVLFSF	16	>RET-T636M MVIAAAVLFS	41	25
>RET-T636M TVIAAAVLF	342	>RET-T636M MVIAAAVLF	97	245
>RET-T636M TVIAAAVLFSF	434	>RET-T636M MVIAAAVLFS	115	319
>RET-T636M TVIAAAVLF	581	>RET-T636M MVIAAAVLF	186	395
>RET-T636M TVIAAAVLFSF	157	>RET-T636M MVIAAAVLFS	62	95
>RET-T636M TVIAAAVLF	695	>RET-T636M MVIAAAVLF	197	498
>RET-T636M TVIAAAVLFSF	837	>RET-T636M MVIAAAVLFS	248	589
>RET-T636M TVIAAAVL	17	>RET-T636M MVIAAAVL	9	8
>RET-T636M TVIAAAVLF	1353	>RET-T636M MVIAAAVLF	269	1084
>RET-T636M TVIAAAVLFSF	573	>RET-T636M MVIAAAVLFS	140	433
>RET-T636M TVIAAAVL	262	>RET-T636M MVIAAAVL	146	116
>RET-T636M TVIAAAVL	5594	>RET-T636M MVIAAAVL	395	5199
>RET-T636M TVIAAAVL	1202	>RET-T636M MVIAAAVL	273	929
>RET-T636M TVIAAAVLF	444	>RET-T636M MVIAAAVLF	121	323
>RET-T636M TVIAAAVLFSF	135	>RET-T636M MVIAAAVLFS	54	81
>RET-T636M TVIAAAVLF	860	>RET-T636M MVIAAAVLF	74	786
>RET-T636M TVIAAAVLFSF	619	>RET-T636M MVIAAAVLFS	70	549
>RET-T636M TVIAAAVL	1096	>RET-T636M MVIAAAVL	111	985
>RET-T636M TVIAAAVLF	160	>RET-T636M MVIAAAVLF	21	139
>RET-T636M TVIAAAVLFSF	117	>RET-T636M MVIAAAVLFS	18	99
>RET-T636M TVIAAAVL	2677	>RET-T636M MVIAAAVL	192	2485
>RET-T636M TVIAAAVLF	367	>RET-T636M MVIAAAVLF	39	328
>RET-T636M TVIAAAVLFSF	192	>RET-T636M MVIAAAVLFS	31	161
>RET-T636M TVIAAAVL	42	>RET-T636M MVIAAAVL	34	8
>RET-T636M TVIAAAVLF	762	>RET-T636M MVIAAAVLF	44	718
>RET-T636M TVIAAAVLFSF	138	>RET-T636M MVIAAAVLFS	20	118
>RET-T636M TVIAAAVL	320	>RET-T636M MVIAAAVL	162	158
>RET-T636M TVIAAAVLF	781	>RET-T636M MVIAAAVLF	299	482
>RET-T636M TVIAAAVLFSF	1046	>RET-T636M MVIAAAVLFS	445	601
>RET-T636M TVIAAAVLFSF	621	>RET-T636M MVIAAAVLFS	85	536
>RET-T636M RTVIAAAV	4873	>RET-T636M RMVIAAAV	106	4767
>RET-T636M RTVIAAAV	990	>RET-T636M RMVIAAAV	29	961
>RET-T636M RTVIAAAVL	3843	>RET-T636M RMVIAAAVL	238	3605

>RET-T636M RTVIAAAV	194	>RET-T636M RMVIAAAV	7	187
>RET-T636M RTVIAAAVL	5030	>RET-T636M RMVIAAAVL	80	4950
>RET-T636M RTVIAAAV	33	>RET-T636M RMVIAAAV	14	19
>RET-T636M RTVIAAAVL	1453	>RET-T636M RMVIAAAVL	311	1142
>RET-T636M RTVIAAAV	214	>RET-T636M RMVIAAAV	4	210
>RET-T636M RTVIAAAVL	6784	>RET-T636M RMVIAAAVL	53	6731
>RET-T636M RTVIAAAV	2086	>RET-T636M RMVIAAAV	8	2078
>RET-T636M RTVIAAAVL	13039	>RET-T636M RMVIAAAVL	113	12926
>RET-T636M RTVIAAAV	2811	>RET-T636M RMVIAAAV	15	2796
>RET-T636M RTVIAAAVL	13476	>RET-T636M RMVIAAAVL	269	13207
>RET-T636M RTVIAAAV	11519	>RET-T636M RMVIAAAV	34	11485
>RET-T636M RTVIAAAV	1537	>RET-T636M RMVIAAAV	5	1532
>RET-T636M RTVIAAAVL	14167	>RET-T636M RMVIAAAVL	50	14117
>RET-T636M RTVIAAAVLF	677	>RET-T636M RMVIAAAVLF	215	462
>RET-T636M RTVIAAAVLF	605	>RET-T636M RMVIAAAVLF	242	363
>RET-T636M RTVIAAAV	302	>RET-T636M RMVIAAAV	2132	1830
>RET-T636M RTVIAAAVL	436	>RET-T636M RMVIAAAVL	2947	2511
>RET-T636M RTVIAAAVLF	187	>RET-T636M RMVIAAAVLF	1272	1085
>RET-T636M RTVIAAAVLF	390	>RET-T636M RMVIAAAVLF	550	160
>RET-T636M RTVIAAAV	473	>RET-T636M RMVIAAAV	629	156
>RET-T636M RTVIAAAVL	489	>RET-T636M RMVIAAAVL	630	141
>RET-T636M RTVIAAAVLF	41	>RET-T636M RMVIAAAVLF	75	34
>RET-T636M RTVIAAAV	125	>RET-T636M RMVIAAAV	3486	3361
>RET-T636M RTVIAAAV	134	>RET-T636M RMVIAAAV	1298	1164
>RET-T636M RTVIAAAV	4414	>RET-T636M RMVIAAAV	314	4100
>RET-T636M RTVIAAAVL	847	>RET-T636M RMVIAAAVL	76	771
>RET-T636M RTVIAAAVLF	308	>RET-T636M RMVIAAAVLF	58	250
>RET-T636M RTVIAAAV	2492	>RET-T636M RMVIAAAV	167	2325
>RET-T636M RTVIAAAVL	1467	>RET-T636M RMVIAAAVL	97	1370
>RET-T636M RTVIAAAVLF	112	>RET-T636M RMVIAAAVLF	7	105
>RET-T636M RTVIAAAV	6	>RET-T636M RMVIAAAV	819	813
>RET-T636M RTVIAAAVL	2	>RET-T636M RMVIAAAVL	18	16
>RET-T636M RTVIAAAVLF	2	>RET-T636M RMVIAAAVLF	9	7
>RET-T636M RTVIAAAVLF	45	>RET-T636M RMVIAAAVLF	6258	6213
>RET-T636M RTVIAAAVL	2426	>RET-T636M RMVIAAAVL	110	2316
>RET-T636M RTVIAAAVL	1806	>RET-T636M RMVIAAAVL	101	1705
>RET-T636M RTVIAAAVLF	93	>RET-T636M RMVIAAAVLF	1041	948
>RET-T636M RTVIAAAVL	136	>RET-T636M RMVIAAAVL	821	685
>RET-T636M RTVIAAAVLF	20	>RET-T636M RMVIAAAVLF	53	33
>RET-T636M RTVIAAAVL	23	>RET-T636M RMVIAAAVL	2347	2324
>RET-T636M RTVIAAAVLF	22	>RET-T636M RMVIAAAVLF	1822	1800
>RET-T636M RTVIAAAV	461	>RET-T636M RMVIAAAV	16688	16227
>RET-T636M RTVIAAAVL	40	>RET-T636M RMVIAAAVL	4432	4392

>RET-T636M RTVIAAAVLF	15	>RET-T636M RMVIAAAVLF	87	72
>RET-T636M RTVIAAAVL	76	>RET-T636M RMVIAAAVL	5005	4929
>RET-T636M CRTVIAAAVLI	262	>RET-T636M CRMVIAAAVI	49	213
>RET-T636M CRTVIAAAA	1753	>RET-T636M CRMVIAAAA	408	1345
>RET-T636M CRTVIAAAV	553	>RET-T636M CRMVIAAAV	120	433
>RET-T636M CRTVIAAAVL	197	>RET-T636M CRMVIAAAVI	75	122
>RET-T636M CRTVIAAAVLI	149	>RET-T636M CRMVIAAAVI	44	105
>RET-T636M CRTVIAAAV	2143	>RET-T636M CRMVIAAAV	112	2031
>RET-T636M CRTVIAAAVL	228	>RET-T636M CRMVIAAAVI	18	210
>RET-T636M CRTVIAAAVL	850	>RET-T636M CRMVIAAAVI	292	558
>RET-T636M CRTVIAAAV	957	>RET-T636M CRMVIAAAV	315	642
>RET-T636M CRTVIAAAVL	243	>RET-T636M CRMVIAAAVI	118	125
>RET-T636M CRTVIAAAVLI	74	>RET-T636M CRMVIAAAVI	33	41
>RET-T636M CRTVIAAAVLI	314	>RET-T636M CRMVIAAAVI	2080	1766
>RET-T636M LCRTVIAA	166	>RET-T636M LCRMVIAA	181	15
>RET-T636M LCRTVIAAAA	200	>RET-T636M LCRMVIAAAA	175	25
>RET-T636M LCRTVIAAAV	498	>RET-T636M LCRMVIAAAV	438	60
>RET-T636M LCRTVIAAAVI	283	>RET-T636M LCRMVIAAAV	281	2
>RET-T636M ELCRTVIAAAA	142	>RET-T636M ELCRMVIAAAA	176	34
>RET-T636M ELCRTVIAAAV	359	>RET-T636M ELCRMVIAAAV	320	39
>RET-T636M ELCRTVIAAA	173	>RET-T636M ELCRMVIAAA	531	358
>RET-T636M ELCRTVIAAAA	102	>RET-T636M ELCRMVIAAAA	207	105
>RET-T636M ELCRTVIAAAV	11	>RET-T636M ELCRMVIAAAV	17	6
>RET-T636M ELCRTVIAAAV	201	>RET-T636M ELCRMVIAAAV	379	178
>RET-T636M ELCRTVIAAAV	234	>RET-T636M ELCRMVIAAAV	374	140
>RET-T636M ELCRTVIAAAV	36	>RET-T636M ELCRMVIAAAV	53	17
>RET-T636M ELCRTVIAAA	497	>RET-T636M ELCRMVIAAA	355	142
>RET-T636M ELCRTVIAAAA	270	>RET-T636M ELCRMVIAAAA	203	67
>RET-T636M ELCRTVIAAAV	9	>RET-T636M ELCRMVIAAAV	9	0
>RET-T636M ELCRTVIAAAA	679	>RET-T636M ELCRMVIAAAA	323	356
>RET-T636M ELCRTVIAAAV	493	>RET-T636M ELCRMVIAAAV	316	177
>RET-T636M ELCRTVIAAAV	128	>RET-T636M ELCRMVIAAAV	212	84
>RET-T636M DELCRTVI	145	>RET-T636M DELCRMVI	91	54
>RET-T636M DELCRTVI	139	>RET-T636M DELCRMVI	107	32
>RET-T636M DELCRTVIA	572	>RET-T636M DELCRMVIA	430	142
>RET-T636M DELCRTVIAA	74	>RET-T636M DELCRMVIAA	66	8
>RET-T636M DELCRTVIAA	246	>RET-T636M DELCRMVIAA	191	55
>RET-T636M CDELCRTV	185	>RET-T636M CDELCRMV	183	2
>RET-T636M CDELCRTVI	190	>RET-T636M CDELCRMVI	127	63
>RET-T636M PLCDELCRT	1071	>RET-T636M PLCDELCRM	325	746
>RET-T636M PLCDELCRTV	22	>RET-T636M PLCDELCRMV	26	4
>RET-T636M PLCDELCRTV	261	>RET-T636M PLCDELCRMV	312	51
>RET-T636M PLCDELCRTV	249	>RET-T636M PLCDELCRMV	463	214

>RET-T636M PLCDELCRT	93	>RET-T636M PLCDELCRM	60	33
>RET-T636M PLCDELCRTV	7	>RET-T636M PLCDELCRM\	12	5
>RET-T636M PLCDELCRTV\	129	>RET-T636M PLCDELCRM\	114	15
>RET-T636M DPLCDELCRT	8117	>RET-T636M DPLCDELCRM	403	7714
>RET-T930M TQSDVWSFG	176	>RET-T930M MQSDVWSFC	46	130
>RET-T930M TQSDVWSF	4656	>RET-T930M MQSDVWSF	481	4175
>RET-T930M TQSDVWSFG	116	>RET-T930M MQSDVWSFC	34	82
>RET-T930M TQSDVWSFG	807	>RET-T930M MQSDVWSFC	71	736
>RET-T930M TQSDVWSFG	318	>RET-T930M MQSDVWSFC	143	175
>RET-T930M TQSDVWSFG	608	>RET-T930M MQSDVWSFC	75	533
>RET-T930M TQSDVWSF	28	>RET-T930M MQSDVWSF	8	20
>RET-T930M TQSDVWSFG	318	>RET-T930M MQSDVWSFC	51	267
>RET-T930M TQSDVWSFG	54	>RET-T930M MQSDVWSFC	30	24
>RET-T930M TQSDVWSFG	55	>RET-T930M MQSDVWSFC	13	42
>RET-T930M TQSDVWSFG	25	>RET-T930M MQSDVWSFC	6	19
>RET-T930M TQSDVWSFG	3437	>RET-T930M MQSDVWSFC	459	2978
>RET-T930M TQSDVWSFG	92	>RET-T930M MQSDVWSFC	22	70
>RET-T930M TQSDVWSFG	30	>RET-T930M MQSDVWSFC	14	16
>RET-T930M TQSDVWSFG	87	>RET-T930M MQSDVWSFC	18	69
>RET-T930M TQSDVWSFG	143	>RET-T930M MQSDVWSFC	17	126
>RET-T930M TQSDVWSFG	437	>RET-T930M MQSDVWSFC	271	166
>RET-T930M TQSDVWSF	65	>RET-T930M MQSDVWSF	37	28
>RET-T930M TQSDVWSFG	2281	>RET-T930M MQSDVWSFC	496	1785
>RET-T930M TQSDVWSFG	274	>RET-T930M MQSDVWSFC	90	184
>RET-T930M TQSDVWSF	20	>RET-T930M MQSDVWSF	4	16
>RET-T930M TQSDVWSFG	2763	>RET-T930M MQSDVWSFC	424	2339
>RET-T930M TQSDVWSFG	843	>RET-T930M MQSDVWSFC	103	740
>RET-T930M TQSDVWSF	496	>RET-T930M MQSDVWSF	193	303
>RET-T930M TQSDVWSF	2636	>RET-T930M MQSDVWSF	270	2366
>RET-T930M TQSDVWSF	390	>RET-T930M MQSDVWSF	286	104
>RET-T930M TQSDVWSFG	546	>RET-T930M MQSDVWSFC	392	154
>RET-T930M TQSDVWSFG	28	>RET-T930M MQSDVWSFC	23	5
>RET-T930M TQSDVWSFG	551	>RET-T930M MQSDVWSFC	181	370
>RET-T930M TQSDVWSFG	1527	>RET-T930M MQSDVWSFC	245	1282
>RET-T930M TQSDVWSF	21041	>RET-T930M MQSDVWSF	219	20822
>RET-T930M TQSDVWSFG	22020	>RET-T930M MQSDVWSFC	296	21724
>RET-T930M TTQSDVWSFC	118	>RET-T930M TMQSDVWSF	9	109
>RET-T930M TTQSDVWSFC	778	>RET-T930M TMQSDVWSF	13	765
>RET-T930M TTQSDVWSFC	452	>RET-T930M TMQSDVWSF	9	443
>RET-T930M TTQSDVWSFC	45	>RET-T930M TMQSDVWSF	10	35
>RET-T930M TTQSDVWSF	12674	>RET-T930M TMQSDVWSF	306	12368
>RET-T930M TTQSDVWSFC	46	>RET-T930M TMQSDVWSF	2	44
>RET-T930M TTQSDVWSFC	64	>RET-T930M TMQSDVWSF	2	62



>RET-T930M TTQSDVWSF	200	>RET-T930M TMQSDVWSF	6	194
>RET-T930M TTQSDVWSF	123	>RET-T930M TMQSDVWSF	2	121
>RET-T930M TTQSDVWSF	58	>RET-T930M TMQSDVWSF	2	56
>RET-T930M TTQSDVWSF	307	>RET-T930M TMQSDVWSF	67	240
>RET-T930M TTQSDVWSF	770	>RET-T930M TMQSDVWSF	270	500
>RET-T930M TTQSDVWSF	55	>RET-T930M TMQSDVWSF	26	29
>RET-T930M TTQSDVWSF	10	>RET-T930M TMQSDVWSF	881	871
>RET-T930M TTQSDVWSF	128	>RET-T930M TMQSDVWSF	224	96
>RET-T930M TTQSDVWSF	15	>RET-T930M TMQSDVWSF	493	478
>RET-T930M TTQSDVWSF	7	>RET-T930M TMQSDVWSF	39	32
>RET-T930M TTQSDVWSF	651	>RET-T930M TMQSDVWSF	59	592
>RET-T930M TTQSDVWSF	10876	>RET-T930M TMQSDVWSF	472	10404
>RET-T930M TTQSDVWSF	365	>RET-T930M TMQSDVWSF	12	353
>RET-T930M TTQSDVWSF	49	>RET-T930M TMQSDVWSF	5402	5353
>RET-T930M TTQSDVWSF	199	>RET-T930M TMQSDVWSF	3032	2833
>RET-T930M TTQSDVWSF	138	>RET-T930M TMQSDVWSF	594	456
>RET-T930M TTQSDVWSF	488	>RET-T930M TMQSDVWSF	14138	13650
>RET-T930M TTQSDVWSF	426	>RET-T930M TMQSDVWSF	9886	9460
>RET-T930M IESLFDHIYTT	6081	>RET-T930M IESLFDHIYTM	402	5679
>RET-T930M IESLFDHIYTT	191	>RET-T930M IESLFDHIYTM	17	174
>RET-T930M IESLFDHIYTT	4415	>RET-T930M IESLFDHIYTM	57	4358
>RET-T930M IESLFDHIYTT	454	>RET-T930M IESLFDHIYTM	285	169
>RET-T930M IESLFDHIYTT	447	>RET-T930M IESLFDHIYTM	3941	3494
>RET-T930M IESLFDHIYTT	496	>RET-T930M IESLFDHIYTM	88	408
>RET-T930M YTTQSDVWSI	1394	>RET-T930M YTMQSDVWSI	419	975
>RET-T930M YTTQSDVWSI	65	>RET-T930M YTMQSDVWSI	16	49
>RET-T930M YTTQSDVWSI	199	>RET-T930M YTMQSDVWSI	94	105
>RET-T930M YTTQSDVWSI	25	>RET-T930M YTMQSDVWSI	10	15
>RET-T930M YTTQSDVWSI	825	>RET-T930M YTMQSDVWSI	233	592
>RET-T930M YTTQSDVWSI	616	>RET-T930M YTMQSDVWSI	231	385
>RET-T930M YTTQSDVWSI	877	>RET-T930M YTMQSDVWSI	78	799
>RET-T930M YTTQSDVW	6934	>RET-T930M YTMQSDVW	377	6557
>RET-T930M YTTQSDVWSI	429	>RET-T930M YTMQSDVWSI	42	387
>RET-T930M YTTQSDVWSI	1465	>RET-T930M YTMQSDVWSI	483	982
>RET-T930M YTTQSDVWSI	49	>RET-T930M YTMQSDVWSI	10	39
>RET-T930M YTTQSDVW	5	>RET-T930M YTMQSDVW	4	1
>RET-T930M YTTQSDVWSI	1229	>RET-T930M YTMQSDVWSI	300	929
>RET-T930M YTTQSDVWSI	4	>RET-T930M YTMQSDVWSI	3	1
>RET-T930M YTTQSDVWSI	1914	>RET-T930M YTMQSDVWSI	337	1577
>RET-T930M YTTQSDVW	86	>RET-T930M YTMQSDVW	52	34
>RET-T930M YTTQSDVWSI	283	>RET-T930M YTMQSDVWSI	110	173
>RET-T930M YTTQSDVW	13	>RET-T930M YTMQSDVW	9	4
>RET-T930M YTTQSDVWSI	42	>RET-T930M YTMQSDVWSI	21	21

>RET-T930M YTTQSDVWSI	27	>RET-T930M YTMQSDVWS	161	134
>RET-T930M YTTQSDVW	85	>RET-T930M YTMQSDVW	294	209
>RET-T930M YTTQSDVWSI	31	>RET-T930M YTMQSDVWS	33	2
>RET-T930M YTTQSDVWSI	457	>RET-T930M YTMQSDVWS	340	117
>RET-T930M YTTQSDVW	230	>RET-T930M YTMQSDVW	162	68
>RET-T930M IYTTQSDV	137	>RET-T930M IYTMQSDV	201	64
>RET-T930M IYTTQSDVWS	180	>RET-T930M IYTMQSDVW	166	14
>RET-T930M IYTTQSDVWS	73	>RET-T930M IYTMQSDVW	81	8
>RET-T930M IYTTQSDVW	52	>RET-T930M IYTMQSDVW	48	4
>RET-T930M IYTTQSDVWS	9	>RET-T930M IYTMQSDVW	12	3
>RET-T930M IYTTQSDVWS	381	>RET-T930M IYTMQSDVW	413	32
>RET-T930M IYTTQSDVW	135	>RET-T930M IYTMQSDVW	142	7
>RET-T930M HIYTTQSDV	64	>RET-T930M HIYTMQSDV	44	20
>RET-T930M HIYTTQSDV	309	>RET-T930M HIYTMQSDV	843	534
>RET-T930M HIYTTQSDV	150	>RET-T930M HIYTMQSDV	308	158
>RET-T930M HIYTTQSDV	13	>RET-T930M HIYTMQSDV	12	1
>RET-T930M HIYTTQSDVM	790	>RET-T930M HIYTMQSDVM	440	350
>RET-T930M HIYTTQSDV	469	>RET-T930M HIYTMQSDV	243	226
>RET-T930M HIYTTQSDVM	129	>RET-T930M HIYTMQSDVM	209	80
>RET-T930M HIYTTQSDVM	283	>RET-T930M HIYTMQSDVM	408	125
>RET-T930M HIYTTQSDVM	25	>RET-T930M HIYTMQSDVM	34	9
>RET-T930M HIYTTQSDVM	175	>RET-T930M HIYTMQSDVM	121	54
>RET-T930M DHIYTTQSDV	423	>RET-T930M DHIYTMQSDV	439	16
>RET-T930M FDHIYTTQSDV	282	>RET-T930M FDHIYTMQSDV	143	139
>RET-T930M FDHIYTTQSDV	76	>RET-T930M FDHIYTMQSDV	87	11
>RET-T930M SLFDHIYTT	9089	>RET-T930M SLFDHIYTM	318	8771
>RET-T930M SLFDHIYTT	13	>RET-T930M SLFDHIYTM	9	4
>RET-T930M SLFDHIYTTQSD	147	>RET-T930M SLFDHIYTMQSD	110	37
>RET-T930M SLFDHIYTT	10	>RET-T930M SLFDHIYTM	6	4
>RET-T930M SLFDHIYTTQSD	23	>RET-T930M SLFDHIYTMQSD	34	11
>RET-T930M SLFDHIYTT	8	>RET-T930M SLFDHIYTM	9	1
>RET-T930M SLFDHIYTTQSD	38	>RET-T930M SLFDHIYTMQSD	49	11
>RET-T930M SLFDHIYTT	61	>RET-T930M SLFDHIYTM	44	17
>RET-T930M SLFDHIYTT	2	>RET-T930M SLFDHIYTM	2	0
>RET-T930M SLFDHIYTTQ	27	>RET-T930M SLFDHIYTMQ	33	6
>RET-T930M SLFDHIYTTQSD	20	>RET-T930M SLFDHIYTMQSD	15	5
>RET-T930M SLFDHIYTT	10	>RET-T930M SLFDHIYTM	4	6
>RET-T930M SLFDHIYTT	11	>RET-T930M SLFDHIYTM	8	3
>RET-T930M SLFDHIYTTQ	84	>RET-T930M SLFDHIYTMQ	106	22
>RET-T930M SLFDHIYTTQSD	320	>RET-T930M SLFDHIYTMQSD	252	68
>RET-T930M SLFDHIYTT	230	>RET-T930M SLFDHIYTM	20	210
>RET-T930M SLFDHIYTT	3	>RET-T930M SLFDHIYTM	2	1
>RET-T930M SLFDHIYTTQ	5	>RET-T930M SLFDHIYTMQ	9	4

>RET-T930M SLFDHIYTTQ	13	>RET-T930M SLFDHIYTMQ	11	2
>RET-T930M SLFDHIYTT	6702	>RET-T930M SLFDHIYTM	459	6243
>RET-T930M SLFDHIYTT	150	>RET-T930M SLFDHIYTM	18	132
>RET-T930M SLFDHIYTT	3131	>RET-T930M SLFDHIYTM	243	2888
>RET-T930M SLFDHIYTT	5245	>RET-T930M SLFDHIYTM	69	5176
>RET-T930M SLFDHIYTT	11228	>RET-T930M SLFDHIYTM	231	10997
>RET-T930M SLFDHIYTT	8844	>RET-T930M SLFDHIYTM	313	8531
>RET-T930M ESLFDHIYTT	3828	>RET-T930M ESLFDHIYTM	11	3817
>RET-T930M ESLFDHIYTT	1074	>RET-T930M ESLFDHIYTM	88	986
>RET-T930M ESLFDHIYTT	11950	>RET-T930M ESLFDHIYTM	78	11872
>RET-V145G-VYFSFFNT	158	>RET-V145G-GYFSFFNT	3747	3589
>RET-V145G-VYFSFFNTS	70	>RET-V145G-GYFSFFNTS	2196	2126
>RET-V145G-VYFSFFNTSF	419	>RET-V145G-GYFSFFNTSF	772	353
>RET-V145G-VYFSFFNTSF	9	>RET-V145G-GYFSFFNTSF	12	3
>RET-V145G-VYFSFFNTSF	18	>RET-V145G-GYFSFFNTSF	23	5
>RET-V145G-VYFSFFNT	213	>RET-V145G-GYFSFFNT	236	23
>RET-V145G-VYFSFFNTS	269	>RET-V145G-GYFSFFNTS	305	36
>RET-V145G-VYFSFFNTSF	7	>RET-V145G-GYFSFFNTSF	6	1
>RET-V145G-VYFSFFNTSF	22	>RET-V145G-GYFSFFNTSF	23	1
>RET-V145G-VYFSFFNTSF	37	>RET-V145G-GYFSFFNTSF	39	2
>RET-V145G-VYFSFFNTSF	7	>RET-V145G-GYFSFFNTSF	20	13
>RET-V145G-VYFSFFNT	2701	>RET-V145G-GYFSFFNT	468	2233
>RET-V145G-VYFSFFNTSF	402	>RET-V145G-GYFSFFNTSF	541	139
>RET-V145G-VYFSFFNTS	440	>RET-V145G-GYFSFFNTS	1202	762
>RET-V145G-VYFSFFNTSFF	324	>RET-V145G-GYFSFFNTSFF	1047	723
>RET-V145G-RVYFSFFNTSI	211	>RET-V145G-RGYFSFFNTSI	690	479
>RET-V145G-RVYFSFFNT	94	>RET-V145G-RGYFSFFNT	4304	4210
>RET-V145G-RVYFSFFNTSI	383	>RET-V145G-RGYFSFFNTSI	3314	2931
>RET-V145G-RVYFSFFN	199	>RET-V145G-RGYFSFFN	8519	8320
>RET-V145G-RVYFSFFNTSI	158	>RET-V145G-RGYFSFFNTSI	537	379
>RET-V145G-RVYFSFFNTSI	400	>RET-V145G-RGYFSFFNTSI	5291	4891
>RET-V145G-RVYFSFFN	279	>RET-V145G-RGYFSFFN	3563	3284
>RET-V145G-RVYFSFFNT	434	>RET-V145G-RGYFSFFNT	5251	4817
>RET-V145G-RVYFSFFNTS	216	>RET-V145G-RGYFSFFNTS	3513	3297
>RET-V145G-RVYFSFFN	322	>RET-V145G-RGYFSFFN	4310	3988
>RET-V145G-RVYFSFFNT	240	>RET-V145G-RGYFSFFNT	5121	4881
>RET-V145G-RVYFSFFNTS	320	>RET-V145G-RGYFSFFNTS	12423	12103
>RET-V145G-RVYFSFFNTSI	5	>RET-V145G-RGYFSFFNTSI	135	130
>RET-V145G-RVYFSFFNTSI	32	>RET-V145G-RGYFSFFNTSI	66	34
>RET-V145G-RVYFSFFNTSI	5	>RET-V145G-RGYFSFFNTSI	8	3
>RET-V145G-RVYFSFFNTSI	4	>RET-V145G-RGYFSFFNTSI	8	4
>RET-V145G-RVYFSFFNTSI	48	>RET-V145G-RGYFSFFNTSI	168	120
>RET-V145G-RVYFSFFNTSI	15	>RET-V145G-RGYFSFFNTSI	42	27

>RET-V145G- GECQWPGCA	231	>RET-V145G- GECQWPGCA	4206	3975
>RET-V145G- GECQWPGCA	15	>RET-V145G- GECQWPGCA	1686	1671
>RET-V145G- ARVYFSFF	7	>RET-V145G- ARGYFSFF	25	18
>RET-V145G- ARVYFSFF	158	>RET-V145G- ARGYFSFF	473	315
>RET-V145G- ARVYFSFFNT	346	>RET-V145G- ARGYFSFFNT	1338	992
>RET-V145G- CARVYFSFF	325	>RET-V145G- CARGYFSFF	556	231
>RET-V145G- CARVYFSFFN	497	>RET-V145G- CARGYFSFFN	750	253
>RET-V145G- CARVYFSFF	387	>RET-V145G- CARGYFSFF	1578	1191
>RET-V145G- CARVYFSFF	560	>RET-V145G- CARGYFSFF	489	71
>RET-V145G- CARVYFSF	24	>RET-V145G- CARGYFSF	53	29
>RET-V145G- CARVYFSFF	17	>RET-V145G- CARGYFSFF	44	27
>RET-V145G- CARVYFSF	38	>RET-V145G- CARGYFSF	27	11
>RET-V145G- CARVYFSFF	64	>RET-V145G- CARGYFSFF	86	22
>RET-V145G- CARVYFSF	663	>RET-V145G- CARGYFSF	375	288
>RET-V145G- CARVYFSFF	959	>RET-V145G- CARGYFSFF	497	462
>RET-V145G- CARVYFSFF	34	>RET-V145G- CARGYFSFF	18	16
>RET-V145G- CARVYFSFF	754	>RET-V145G- CARGYFSFF	312	442
>RET-V145G- GCARVYFSF	202	>RET-V145G- GCARGYFSF	229	27
>RET-V145G- WPGCARVYF	5	>RET-V145G- WPGCARGYF	6	1
>RET-V145G- WPGCARVYF	25	>RET-V145G- WPGCARGYF	25	0
>RET-V145G- WPGCARVYF	114	>RET-V145G- WPGCARGYF	80	34
>RET-V145G- WPGCARVYF	169	>RET-V145G- WPGCARGYF	96	73
>RET-V145G- WPGCARVY	11	>RET-V145G- WPGCARGY	16	5
>RET-V145G- WPGCARVYF	38	>RET-V145G- WPGCARGYF	75	37
>RET-V145G- WPGCARVYF	16	>RET-V145G- WPGCARGYF	19	3
>RET-V145G- WPGCARVYF	468	>RET-V145G- WPGCARGYF	1869	1401
>RET-V145G- WPGCARVYF	141	>RET-V145G- WPGCARGYF	208	67
>RET-V145G- WPGCARVYF	167	>RET-V145G- WPGCARGYF	331	164
>RET-V145G- QWPGCARV\	16	>RET-V145G- QWPGCARG\	22	6
>RET-V145G- QWPGCARV\	35	>RET-V145G- QWPGCARG\	45	10
>RET-V145G- QWPGCARV\	7	>RET-V145G- QWPGCARG\	10	3
>RET-V145G- QWPGCARV\	140	>RET-V145G- QWPGCARG\	303	163
>RET-V145G- QWPGCARV\	100	>RET-V145G- QWPGCARG\	208	108
>RET-V145G- QWPGCARV\	249	>RET-V145G- QWPGCARG\	303	54
>RET-V145G- CQWPGCAR\	51	>RET-V145G- CQWPGCAR\	19734	19683
>RET-V145G- CQWPGCAR\	23	>RET-V145G- CQWPGCAR\	10579	10556
>RET-V145G- CQWPGCAR\	239	>RET-V145G- CQWPGCAR\	609	370
>RET-V145G- CQWPGCAR\	186	>RET-V145G- CQWPGCAR\	24443	24257
>RET-V145G- CQWPGCAR\	496	>RET-V145G- CQWPGCAR\	20852	20356
>RET-V145G- CQWPGCAR\	155	>RET-V145G- CQWPGCAR\	35363	35208
>RET-V145G- CQWPGCAR\	177	>RET-V145G- CQWPGCAR\	666	489
>RET-V145G- CQWPGCAR\	289	>RET-V145G- CQWPGCAR\	492	203
>RET-V145G- CQWPGCAR\	105	>RET-V145G- CQWPGCAR\	220	115

>RET-V145G-CQWPGCAR\	122	>RET-V145G-CQWPGCARC	167	45
>RET-V145G-CQWPGCAR\	368	>RET-V145G-CQWPGCARC	331	37
>RET-V145G-CQWPGCAR\	470	>RET-V145G-CQWPGCARC	13477	13007
>RET-V145G-CQWPGCAR\	18	>RET-V145G-CQWPGCARC	47	29
>RET-V145G-CQWPGCAR\	5	>RET-V145G-CQWPGCARC	15	10
>RET-V145G-ECQWPGCAR	2202	>RET-V145G-ECQWPGCAR	383	1819
>RET-V145G-ECQWPGCAR	259	>RET-V145G-ECQWPGCAR	18823	18564
>RET-V591I-\IVGGHEPGEP	492	>RET-V591I-rIIGGHEPGEP	182	310
>RET-V591I-\CPQDCLRGS	322	>RET-V591I-rCPQDCLRGS	364	42
>RET-V591I-\CPQDCLRGS	2816	>RET-V591I-rCPQDCLRGS	326	2490
>RET-V591I-\CPQDCLRGS	120	>RET-V591I-rCPQDCLRGS	754	634
>RET-V591I-\CPQDCLRGS	7809	>RET-V591I-rCPQDCLRGS	161	7648
>RET-V591I-\LRGSIVGGH	866	>RET-V591I-rLRGSIIIGGH	495	371
>RET-V591I-\QDCLRGSIV	615	>RET-V591I-rQDCLRGSII	296	319
>RHOH-R23F-RFTSETFPEA\	40	>RHOH-R23F-HFTSETFPEA\	24	16
>RHOH-R23F-RFTSETFPEA\	216	>RHOH-R23F-HFTSETFPEA\	421	205
>RHOH-R23F-RFTSETFPEA\	55	>RHOH-R23F-HFTSETFPEA\	167	112
>RHOH-R23F-RFTSETFPEA\	1958	>RHOH-R23F-HFTSETFPEA\	285	1673
>RHOH-R23F-RFTSETFPEA\	597	>RHOH-R23F-HFTSETFPEA\	65	532
>RHOH-R23F-RFTSETFPEA\	254	>RHOH-R23F-HFTSETFPEA\	116	138
>RHOH-R23F-VRFTSETF	2525	>RHOH-R23F-VHFTSETF	489	2036
>RHOH-R23F-VRFTSETF	4	>RHOH-R23F-VHFTSETF	4	0
>RHOH-R23F-VRFTSETFPE/	210	>RHOH-R23F-VHFTSETFPE/	521	311
>RHOH-R23F-VRFTSETF	479	>RHOH-R23F-VHFTSETF	21524	21045
>RHOH-R23F-VRFTSETFPE/	268	>RHOH-R23F-VHFTSETFPE/	5136	4868
>RHOH-R23F-VRFTSETF	110	>RHOH-R23F-VHFTSETF	39	71
>RHOH-R23F-SAVGKTSLLV	99	>RHOH-R23F-SAVGKTSLLV	12792	12693
>RHOH-R23F-LVRFTSET	359	>RHOH-R23F-LVHFTSET	3084	2725
>RHOH-R23F-LVRFTSETFP	412	>RHOH-R23F-LVHFTSETFP	3159	2747
>RHOH-R23F-LVRFTSETFPE	467	>RHOH-R23F-LVHFTSETFPE	3123	2656
>RHOH-R23F-LVRFTSETF	225	>RHOH-R23F-LVHFTSETF	65	160
>RHOH-R23F-LVRFTSETF	30	>RHOH-R23F-LVHFTSETF	37	7
>RHOH-R23F-LVRFTSETF	45	>RHOH-R23F-LVHFTSETF	75	30
>RHOH-R23F-LVRFTSETF	12	>RHOH-R23F-LVHFTSETF	31	19
>RHOH-R23F-LVRFTSETF	758	>RHOH-R23F-LVHFTSETF	364	394
>RHOH-R23F-LVRFTSETF	13	>RHOH-R23F-LVHFTSETF	60	47
>RHOH-R23F-LLVRFTSET	119	>RHOH-R23F-LLVHFTSET	71	48
>RHOH-R23F-LLVRFTSETFP	633	>RHOH-R23F-LLVHFTSETFP	462	171
>RHOH-R23F-LLVRFTSET	73	>RHOH-R23F-LLVHFTSET	33	40
>RHOH-R23F-LLVRFTSET	232	>RHOH-R23F-LLVHFTSET	288	56
>RHOH-R23F-LLVRFTSET	18	>RHOH-R23F-LLVHFTSET	42	24
>RHOH-R23F-LLVRFTSETF	94	>RHOH-R23F-LLVHFTSETF	75	19
>RHOH-R23F-LLVRFTSETF	43	>RHOH-R23F-LLVHFTSETF	36	7

>RHOH-R23F LLVRFTSETF	263	>RHOH-R23F LLVHFTSETF	185	78
>RHOH-R23F LLVRFTSETF	14	>RHOH-R23F LLVHFTSETF	11	3
>RHOH-R23F LLVRFTSETF	437	>RHOH-R23F LLVHFTSETF	99	338
>RHOH-R23F LLVRFTSETF	166	>RHOH-R23F LLVHFTSETF	368	202
>RHOH-R23F SLLVRFTSET	656	>RHOH-R23F SLLVHFTSET	400	256
>RHOH-R23F SLLVRFTSET	114	>RHOH-R23F SLLVHFTSET	86	28
>RHOH-R23F SLLVRFTSET	601	>RHOH-R23F SLLVHFTSET	364	237
>RHOH-R23F SLLVRFTS	1003	>RHOH-R23F SLLVHFTS	232	771
>RHOH-R23F SLLVRFTSET	248	>RHOH-R23F SLLVHFTSET	140	108
>RHOH-R23F SLLVRFTSET	323	>RHOH-R23F SLLVHFTSET	355	32
>RHOH-R23F SLLVRFTSET	60	>RHOH-R23F SLLVHFTSET	69	9
>RHOH-R23F SLLVRFTSETF	34	>RHOH-R23F SLLVHFTSETF	28	6
>RHOH-R23F SLLVRFTSE	107	>RHOH-R23F SLLVHFTSE	285	178
>RHOH-R23F SLLVRFTSETF	185	>RHOH-R23F SLLVHFTSETF	297	112
>RHOH-R23F SLLVRFTSETF	84	>RHOH-R23F SLLVHFTSETF	56	28
>RHOH-R23F SLLVRFTSETF	134	>RHOH-R23F SLLVHFTSETF	129	5
>RHOH-R23F SLLVRFTSETF	25	>RHOH-R23F SLLVHFTSETF	18	7
>RHOH-R23F SLLVRFTSETF	250	>RHOH-R23F SLLVHFTSETF	412	162
>RHOH-R23F KTSLLVRF	21	>RHOH-R23F KTSLLVHF	31	10
>RHOH-R23F KTSLLVRFTS	887	>RHOH-R23F KTSLLVHFTS	498	389
>RHOH-R23F KTSLLVRF	1806	>RHOH-R23F KTSLLVHF	340	1466
>RHOH-R23F KTSLLVRF	743	>RHOH-R23F KTSLLVHF	296	447
>RHOH-R23F KTSLLVRF	4	>RHOH-R23F KTSLLVHF	5	1
>RHOH-R23F KTSLLVRF	222	>RHOH-R23F KTSLLVHF	165	57
>RHOH-R23F KTSLLVRF	32	>RHOH-R23F KTSLLVHF	17	15
>RHOH-R23F KTSLLVRF	242	>RHOH-R23F KTSLLVHF	243	1
>RHOH-R23F GKTSLLVRF	75	>RHOH-R23F GKTSLLVHF	25	50
>RHOH-R23F VGKTSLLVRF	1511	>RHOH-R23F VGKTSLLVHF	293	1218
>RHOH-R23F VGKTSLLVRF	499	>RHOH-R23F VGKTSLLVHF	178	321
>RHOH-R23F VGKTSLLVRF	381	>RHOH-R23F VGKTSLLVHF	923	542
>RHOH-R23F AVGKTSLLVR	321	>RHOH-R23F AVGKTSLLVH	11001	10680
>RHOH-R23F AVGKTSLLVR	212	>RHOH-R23F AVGKTSLLVH	15019	14807
>RHOH-R23F AVGKTSLLVR	421	>RHOH-R23F AVGKTSLLVH	801	380
>RHOH-R23F AVGKTSLLVR	327	>RHOH-R23F AVGKTSLLVH	87	240
>RHOH-R23F AVGKTSLLVR	422	>RHOH-R23F AVGKTSLLVH	1088	666
>RHOH-R23F AVGKTSLLVR	482	>RHOH-R23F AVGKTSLLVH	27522	27040
>RNF213-D2! LDGTVTEMA	309	>RNF213-D2! LNGTVTEMA	9598	9289
>RNF213-D2! LDGTVTEMA	196	>RNF213-D2! LNGTVTEMA	7764	7568
>RNF213-D2! NLDGTVTEM	226	>RNF213-D2! NLNGTVTEM	43	183
>RNF213-D2! NLDGTVTEM	394	>RNF213-D2! NLNGTVTEM	364	30
>RNF213-D2! NLDGTVTEM	318	>RNF213-D2! NLNGTVTEM	82	236
>RNF213-D2! NLDGTVTEM	1430	>RNF213-D2! NLNGTVTEM	37	1393
>RNF213-D2! NLDGTVTEM	538	>RNF213-D2! NLNGTVTEM	259	279

>RNF213-D2!NLDGTVTEM	510	>RNF213-D2!NLNGTVTEM	31	479
>RNF213-D2!NLDGTVTEM	42	>RNF213-D2!NLNGTVTEM	80	38
>RNF213-D2!NLDGTVTEM	23	>RNF213-D2!NLNGTVTEM	40	17
>RNF213-D2!NLDGTVTEM	22	>RNF213-D2!NLNGTVTEM	36	14
>RNF213-D2!NLDGTVTEM	490	>RNF213-D2!NLNGTVTEM	1296	806
>RNF213-D2!NLDGTVTEM	29	>RNF213-D2!NLNGTVTEM	70	41
>RNF213-D2!NLDGTVTEM	192	>RNF213-D2!NLNGTVTEM	676	484
>RNF213-D2!NLDGTVTEM	75	>RNF213-D2!NLNGTVTEM	271	196
>RNF213-D2!NLDGTVTEM	78	>RNF213-D2!NLNGTVTEM	263	185
>RNF213-D2!NLDGTVTEM	89	>RNF213-D2!NLNGTVTEM	156	67
>RNF213-D2!NLDGTVTEM	82	>RNF213-D2!NLNGTVTEM	138	56
>RNF213-D2!NLDGTVTEM	91	>RNF213-D2!NLNGTVTEM	150	59
>RNF213-D2!NLDGTVTEM	93	>RNF213-D2!NLNGTVTEM	51	42
>RNF213-D2!NLDGTVTEM	111	>RNF213-D2!NLNGTVTEM	61	50
>RNF213-D2!NLDGTVTEM	86	>RNF213-D2!NLNGTVTEM	50	36
>RNF213-D2!SDSNLDGTV	83	>RNF213-D2!SDSNLNGTV	92	9
>RNF213-F14FKLLILQYL	463	>RNF213-F14LKLLILQYL	866	403
>RNF213-F14FKLLILQYL	223	>RNF213-F14LKLLILQYL	1273	1050
>RNF213-F14FKLLILQYL	77	>RNF213-F14LKLLILQYL	1326	1249
>RNF213-F14FKLLILQY	58	>RNF213-F14LKLLILQY	256	198
>RNF213-F14FKLLILQY	13	>RNF213-F14LKLLILQY	24	11
>RNF213-F14FKLLILQYL	77	>RNF213-F14LKLLILQYL	146	69
>RNF213-F14FKLLILQYLM	112	>RNF213-F14LKLLILQYLM	227	115
>RNF213-F14LFKLLILQYL	8537	>RNF213-F14LLKLLILQYL	135	8402
>RNF213-F14LFKLLILQYL	1306	>RNF213-F14LLKLLILQYL	42	1264
>RNF213-F14LFKLLILQYLM	3808	>RNF213-F14LLKLLILQYLM	480	3328
>RNF213-F14LFKLLILQYL	4601	>RNF213-F14LLKLLILQYL	59	4542
>RNF213-F14LFKLLILQYL	17309	>RNF213-F14LLKLLILQYL	99	17210
>RNF213-F14LFKLLILQYL	21401	>RNF213-F14LLKLLILQYL	268	21133
>RNF213-F14LFKLLILQYL	11519	>RNF213-F14LLKLLILQYL	6	11513
>RNF213-F14LFKLLILQYLM	31561	>RNF213-F14LLKLLILQYLM	410	31151
>RNF213-F14LFKLLILQYL	184	>RNF213-F14LLKLLILQYL	14277	14093
>RNF213-F14LFKLLILQY	17	>RNF213-F14LLKLLILQY	38	21
>RNF213-F14LFKLLILQY	525	>RNF213-F14LLKLLILQY	83	442
>RNF213-F14LFKLLILQY	755	>RNF213-F14LLKLLILQY	70	685
>RNF213-F14LFKLLILQY	12169	>RNF213-F14LLKLLILQY	454	11715
>RNF213-F14LFKLLILQYL	355	>RNF213-F14LLKLLILQYL	1006	651
>RNF213-F14SVQTGIWVFI	7496	>RNF213-F14SVQTGIWVFI	54	7442
>RNF213-F14SVQTGIWVFI	9632	>RNF213-F14SVQTGIWVFI	243	9389
>RNF213-F14SVQTGIWVFI	1307	>RNF213-F14SVQTGIWVFI	54	1253
>RNF213-F14SVQTGIWVFI	7138	>RNF213-F14SVQTGIWVFI	142	6996
>RNF213-F14SVQTGIWVFI	17065	>RNF213-F14SVQTGIWVFI	385	16680
>RNF213-F14SVQTGIWVFI	16164	>RNF213-F14SVQTGIWVFI	231	15933

>RNF213-F14SVQTGIWVFI	11199	>RNF213-F14SVQTGIWVFI	30	11169
>RNF213-F14SVQTGIWVFI	479	>RNF213-F14SVQTGIWVFI	7973	7494
>RNF213-F14SVQTGIWVFI	486	>RNF213-F14SVQTGIWVFI	3459	2973
>RNF213-F14SVQTGIWVFI	247	>RNF213-F14SVQTGIWVFI	3264	3017
>RNF213-F14SVQTGIWVFI	291	>RNF213-F14SVQTGIWVFI	2462	2171
>RNF213-F14SVQTGIWVFI	305	>RNF213-F14SVQTGIWVFI	8211	7906
>RNF213-F14SVQTGIWVFI	12917	>RNF213-F14SVQTGIWVFI	272	12645
>RNF213-F14SVQTGIWVFI	243	>RNF213-F14SVQTGIWVFI	1498	1255
>RNF213-F14FLFKLLIL	10	>RNF213-F14FLLKLLIL	12	2
>RNF213-F14FLFKLLILQ	225	>RNF213-F14FLLKLLILQ	438	213
>RNF213-F14FLFKLLILQY	117	>RNF213-F14FLLKLLILQY	122	5
>RNF213-F14FLFKLLILQYL	8	>RNF213-F14FLLKLLILQYL	9	1
>RNF213-F14FLFKLLIL	5	>RNF213-F14FLLKLLIL	25	20
>RNF213-F14FLFKLLILQ	28	>RNF213-F14FLLKLLILQ	226	198
>RNF213-F14FLFKLLILQY	297	>RNF213-F14FLLKLLILQY	713	416
>RNF213-F14FLFKLLILQYL	2	>RNF213-F14FLLKLLILQYL	5	3
>RNF213-F14FLFKLLIL	8	>RNF213-F14FLLKLLIL	48	40
>RNF213-F14FLFKLLILQYL	6	>RNF213-F14FLLKLLILQYL	22	16
>RNF213-F14FLFKLLIL	17	>RNF213-F14FLLKLLIL	12	5
>RNF213-F14FLFKLLILQYL	8	>RNF213-F14FLLKLLILQYL	6	2
>RNF213-F14FLFKLLIL	4	>RNF213-F14FLLKLLIL	5	1
>RNF213-F14FLFKLLILQ	68	>RNF213-F14FLLKLLILQ	108	40
>RNF213-F14FLFKLLILQY	87	>RNF213-F14FLLKLLILQY	145	58
>RNF213-F14FLFKLLILQYL	2	>RNF213-F14FLLKLLILQYL	2	0
>RNF213-F14FLFKLLIL	6	>RNF213-F14FLLKLLIL	5	1
>RNF213-F14FLFKLLILQYL	4	>RNF213-F14FLLKLLILQYL	3	1
>RNF213-F14FLFKLLIL	6	>RNF213-F14FLLKLLIL	7	1
>RNF213-F14FLFKLLILQ	83	>RNF213-F14FLLKLLILQ	85	2
>RNF213-F14FLFKLLILQY	474	>RNF213-F14FLLKLLILQY	492	18
>RNF213-F14FLFKLLILQYL	4	>RNF213-F14FLLKLLILQYL	4	0
>RNF213-F14FLFKLLIL	74	>RNF213-F14FLLKLLIL	12	62
>RNF213-F14FLFKLLILQYL	6	>RNF213-F14FLLKLLILQYL	3	3
>RNF213-F14FLFKLLIL	3	>RNF213-F14FLLKLLIL	3	0
>RNF213-F14FLFKLLILQ	14	>RNF213-F14FLLKLLILQ	23	9
>RNF213-F14FLFKLLILQY	67	>RNF213-F14FLLKLLILQY	172	105
>RNF213-F14FLFKLLILQYL	2	>RNF213-F14FLLKLLILQYL	2	0
>RNF213-F14FLFKLLILQY	83	>RNF213-F14FLLKLLILQY	336	253
>RNF213-F14FLFKLLILQY	414	>RNF213-F14FLLKLLILQY	1004	590
>RNF213-F14FLFKLLILQYL	302	>RNF213-F14FLLKLLILQYL	2931	2629
>RNF213-F14FLFKLLILQYL	232	>RNF213-F14FLLKLLILQYL	102	130
>RNF213-F14FLFKLLILQY	8	>RNF213-F14FLLKLLILQY	8	0
>RNF213-F14FLFKLLIL	279	>RNF213-F14FLLKLLIL	156	123
>RNF213-F14FLFKLLILQYL	905	>RNF213-F14FLLKLLILQYL	482	423



>RNF213-F14FLFKLLILQY	62	>RNF213-F14FLLKLLILQY	209	147
>RNF213-F14FLFKLLILQY	62	>RNF213-F14FLLKLLILQY	164	102
>RNF213-F14FLFKLLIL	103	>RNF213-F14FLLKLLIL	570	467
>RNF213-F14FLFKLLILQY	31	>RNF213-F14FLLKLLILQY	147	116
>RNF213-F14FLFKLLILQYL	130	>RNF213-F14FLLKLLILQYL	649	519
>RNF213-F14FLFKLLILQY	179	>RNF213-F14FLLKLLILQY	564	385
>RNF213-F14FLFKLLIL	497	>RNF213-F14FLLKLLIL	998	501
>RNF213-F14VFLFKLLI	120	>RNF213-F14VFLLKLLI	354	234
>RNF213-F14VFLFKLLIL	251	>RNF213-F14VFLLKLLIL	1121	870
>RNF213-F14VFLFKLLI	352	>RNF213-F14VFLLKLLI	482	130
>RNF213-F14VFLFKLLI	396	>RNF213-F14VFLLKLLI	447	51
>RNF213-F14VFLFKLLIL	351	>RNF213-F14VFLLKLLIL	408	57
>RNF213-F14VFLFKLLILQY	7	>RNF213-F14VFLLKLLILQY	9	2
>RNF213-F14VFLFKLLILQY	14	>RNF213-F14VFLLKLLILQY	38	24
>RNF213-F14VFLFKLLI	428	>RNF213-F14VFLLKLLI	895	467
>RNF213-F14VFLFKLLIL	149	>RNF213-F14VFLLKLLIL	251	102
>RNF213-F14WVFLFKLL	26	>RNF213-F14WVFLFKLL	1712	1686
>RNF213-F14WVFLFKLLI	304	>RNF213-F14WVFLFKLLI	1353	1049
>RNF213-F14WVFLFKLLI	236	>RNF213-F14WVFLFKLLI	305	69
>RNF213-F14WVFLFKLLIL	163	>RNF213-F14WVFLFKLLIL	328	165
>RNF213-F14WVFLFKLLIL	213	>RNF213-F14WVFLFKLLIL	440	227
>RNF213-F14WVFLFKLL	239	>RNF213-F14WVFLFKLL	353	114
>RNF213-F14WVFLFKLLIL	208	>RNF213-F14WVFLFKLLIL	315	107
>RNF213-F14WVFLFKLL	103	>RNF213-F14WVFLFKLL	222	119
>RNF213-F14WVFLFKLLI	71	>RNF213-F14WVFLFKLLI	108	37
>RNF213-F14WVFLFKLLI	227	>RNF213-F14WVFLFKLLI	853	626
>RNF213-F14WVFLFKLLI	105	>RNF213-F14WVFLFKLLI	107	2
>RNF213-F14WVFLFKLLIL	477	>RNF213-F14WVFLFKLLIL	703	226
>RNF213-F14WVFLFKLLI	447	>RNF213-F14WVFLFKLLI	1511	1064
>RNF213-F14IWVFLFKLL	47	>RNF213-F14IWVFLFKLL	165	118
>RNF213-F14IWVFLFKLLI	437	>RNF213-F14IWVFLFKLLI	642	205
>RNF213-F14IWVFLFKLLIL	197	>RNF213-F14IWVFLFKLLIL	357	160
>RNF213-F14IWVFLFKL	98	>RNF213-F14IWVFLFKL	334	236
>RNF213-F14IWVFLFKLL	128	>RNF213-F14IWVFLFKLL	404	276
>RNF213-F14IWVFLFKLLI	293	>RNF213-F14IWVFLFKLLI	844	551
>RNF213-F14IWVFLFKLLIL	255	>RNF213-F14IWVFLFKLLIL	574	319
>RNF213-F14IWVFLFKL	260	>RNF213-F14IWVFLFKL	840	580
>RNF213-F14IWVFLFKLL	151	>RNF213-F14IWVFLFKLL	558	407
>RNF213-F14IWVFLFKLLIL	363	>RNF213-F14IWVFLFKLLIL	700	337
>RNF213-F14IWVFLFKL	374	>RNF213-F14IWVFLFKL	947	573
>RNF213-F14IWVFLFKL	492	>RNF213-F14IWVFLFKL	543	51
>RNF213-F14IWVFLFKL	73	>RNF213-F14IWVFLFKL	90	17
>RNF213-F14IWVFLFKLL	55	>RNF213-F14IWVFLFKLL	74	19

>RNF213-F14IWVFLFKLLI	499	>RNF213-F14IWVFLKLLI	601	102
>RNF213-F14IWVFLFKLLIL	86	>RNF213-F14IWVFLKLLIL	107	21
>RNF213-F14GIWVFLFKL	25	>RNF213-F14GIWVFLKLL	87	62
>RNF213-F14GIWVFLFKLLI	131	>RNF213-F14GIWVFLKLLI	245	114
>RNF213-F14GIWVFLFKL	192	>RNF213-F14GIWVFLKLL	1153	961
>RNF213-F14GIWVFLFKLL	464	>RNF213-F14GIWVFLKLL	417	47
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>RNF213-F14GIWVFLFKL	146	>RNF213-F14GIWVFLKLL	838	692
>RNF213-F14GIWVFLFKL	18	>RNF213-F14GIWVFLKLL	92	74
>RNF213-F14GIWVFLFKLL	203	>RNF213-F14GIWVFLKLL	262	59
>RNF213-F14GIWVFLFKLLI	114	>RNF213-F14GIWVFLKLLI	260	146
>RNF213-F14GIWVFLFKL	128	>RNF213-F14GIWVFLKLL	1251	1123
>RNF213-F14GIWVFLFKL	23	>RNF213-F14GIWVFLKLL	108	85
>RNF213-F14GIWVFLFKLL	294	>RNF213-F14GIWVFLKLL	414	120
>RNF213-F14GIWVFLFKLLI	233	>RNF213-F14GIWVFLKLLI	361	128
>RNF213-F14GIWVFLFKL	149	>RNF213-F14GIWVFLKLL	3774	3625
>RNF213-F14GIWVFLFKL	28	>RNF213-F14GIWVFLKLL	123	95
>RNF213-F14GIWVFLFKLL	338	>RNF213-F14GIWVFLKLL	429	91
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>RNF213-F14GIWVFLFK	356	>RNF213-F14GIWVFLK	679	323
>RNF213-F14TGIWVFLF	3030	>RNF213-F14TGIWVFL	422	2608
>RNF213-F14TGIWVFLFK	188	>RNF213-F14TGIWVFLK	318	130
>RNF213-F14TGIWVFLFK	9	>RNF213-F14TGIWVFLK	13	4
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>RNF213-F14TGIWVFLF	401	>RNF213-F14TGIWVFL	4079	3678
>RNF213-F14TGIWVFLFK	19	>RNF213-F14TGIWVFLK	45	26
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>RNF213-F14TGIWVFLF	259	>RNF213-F14TGIWVFL	5026	4767
>RNF213-F14TGIWVFLF	285	>RNF213-F14TGIWVFL	1464	1179
>RNF213-F14TGIWVFLFK	418	>RNF213-F14TGIWVFLK	448	30
>RNF213-F14TGIWVFLFK	446	>RNF213-F14TGIWVFLK	1306	860
>RNF213-F14QTGIWVFLF	10778	>RNF213-F14QTGIWVFL	265	10513
>RNF213-F14QTGIWVFLFK	20	>RNF213-F14QTGIWVFLK	33	13
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>RNF213-F14QTGIWVFLF	180	>RNF213-F14QTGIWVFL	1958	1778
>RNF213-F14QTGIWVFLF	100	>RNF213-F14QTGIWVFL	5289	5189
>RNF213-F14QTGIWVFLFK	336	>RNF213-F14QTGIWVFLK	1238	902
>RNF213-F14QTGIWVFLFK	154	>RNF213-F14QTGIWVFLK	485	331
>RNF213-F14QTGIWVFLF	199	>RNF213-F14QTGIWVFL	1104	905

>RNF213-F14QTGIWVFLFK	470	>RNF213-F14QTGIWVFLK	2168	1698
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>RNF213-F14QTGIWVFLF	10975	>RNF213-F14QTGIWVFL	160	10815
>RNF213-F14QTGIWVFLFK	424	>RNF213-F14QTGIWVFLK	1933	1509
>RNF213-F14QTGIWVFLF	4431	>RNF213-F14QTGIWVFL	24	4407
>RNF213-F14QTGIWVFLFK	39	>RNF213-F14QTGIWVFLK	136	97
>RNF213-F14QTGIWVFLF	14	>RNF213-F14QTGIWVFL	116	102
>RNF213-F14QTGIWVFLFK	63	>RNF213-F14QTGIWVFLK	46	17
>RNF213-F14QTGIWVFLF	85	>RNF213-F14QTGIWVFL	3030	2945
>RNF213-F14QTGIWVFLF	43	>RNF213-F14QTGIWVFL	24	19
>RNF213-F14QTGIWVFLFK	110	>RNF213-F14QTGIWVFLK	208	98
>RNF213-F14QTGIWVFLF	154	>RNF213-F14QTGIWVFL	863	709
>RNF213-F14QTGIWVFLFK	88	>RNF213-F14QTGIWVFLK	86	2
>RNF213-F14QTGIWVFLFK	539	>RNF213-F14QTGIWVFLK	483	56
>RNF213-F14VQTGIWVFLF	14556	>RNF213-F14VQTGIWVFL	463	14093
>RNF213-F14VQTGIWVFLF	7288	>RNF213-F14VQTGIWVFL	248	7040
>RNF213-F14VQTGIWVFLF	14123	>RNF213-F14VQTGIWVFL	253	13870
>RNF213-F14VQTGIWVFLF	134	>RNF213-F14VQTGIWVFL	193	59
>RNF213-F14VQTGIWVFLF	16	>RNF213-F14VQTGIWVFL	23	7
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>RNF213-F14VQTGIWVFLF	126	>RNF213-F14VQTGIWVFL	1994	1868
>RNF213-F14VQTGIWVFLF	772	>RNF213-F14VQTGIWVFL	463	309
>RNF213-F14VQTGIWVFLF	8047	>RNF213-F14VQTGIWVFL	499	7548
>RNF213-F83FLVGKPGSSK	392	>RNF213-F83ILVGKPGSSK	5091	4699
>RNF213-F83FLVGKPGS	455	>RNF213-F83ILVGKPGS	4722	4267
>RNF213-F83FLVGKPGSS	71	>RNF213-F83ILVGKPGSS	1401	1330
>RNF213-F83FLVGKPGSSK	100	>RNF213-F83ILVGKPGSSK	1626	1526
>RNF213-F83FLVGKPGS	188	>RNF213-F83ILVGKPGS	1774	1586
>RNF213-F83FLVGKPGSS	384	>RNF213-F83ILVGKPGSS	3056	2672
>RNF213-F83FLVGKPGSSK	479	>RNF213-F83ILVGKPGSSK	3576	3097
>RNF213-F83FLVGKPGS	74	>RNF213-F83ILVGKPGS	938	864
>RNF213-F83FLVGKPGSSK	273	>RNF213-F83ILVGKPGSSK	3168	2895
>RNF213-F83FLVGKPGSSK	152	>RNF213-F83ILVGKPGSSK	1440	1288
>RNF213-F83FLVGKPGSSK	35	>RNF213-F83ILVGKPGSSK	20	15
>RNF213-F83FLVGKPGSSK	292	>RNF213-F83ILVGKPGSSK	212	80
>RNF213-F83FLVGKPGSSK	360	>RNF213-F83ILVGKPGSSK	2115	1755
>RNF213-F83LFLVGKPGSSI	5751	>RNF213-F83LILVGKPGSSK	252	5499
>RNF213-F83LFLVGKPGSSI	5714	>RNF213-F83LILVGKPGSSK	270	5444
>RNF213-F83LFLVGKPGSSI	524	>RNF213-F83LILVGKPGSSK	367	157
>RNF213-F83VVCIELKIPLF	213	>RNF213-F83VVCIELKIPLI	7754	7541
>RNF213-F83KIPLFLVGK	272	>RNF213-F83KIPLILVGK	339	67
>RNF213-F83KIPLFLVGK	104	>RNF213-F83KIPLILVGK	256	152
>RNF213-F83KIPLFLVGK	93	>RNF213-F83KIPLILVGK	239	146

>RNF213-F83LKIPLFLV	56	>RNF213-F83LKIPLILV	232	176
>RNF213-F83LKIPLFLV	253	>RNF213-F83LKIPLILV	250	3
>RNF213-F83LKIPLFLVGK	361	>RNF213-F83LKIPLILVGK	781	420
>RNF213-F83ELKIPLFLV	357	>RNF213-F83ELKIPLILV	524	167
>RNF213-F83ELKIPLFLV	50	>RNF213-F83ELKIPLILV	155	105
>RNF213-F83ELKIPLFLV	328	>RNF213-F83ELKIPLILV	1211	883
>RNF213-F83ELKIPLFLV	491	>RNF213-F83ELKIPLILV	3264	2773
>RNF213-F83ELKIPLFL	206	>RNF213-F83ELKIPLIL	587	381
>RNF213-F83ELKIPLFLV	11	>RNF213-F83ELKIPLILV	19	8
>RNF213-F83ELKIPLFLVGK	132	>RNF213-F83ELKIPLILVGK	175	43
>RNF213-F83ELKIPLFLV	195	>RNF213-F83ELKIPLILV	743	548
>RNF213-F83ELKIPLFLV	60	>RNF213-F83ELKIPLILV	211	151
>RNF213-F83IELKIPLF	288	>RNF213-F83IELKIPLI	22	266
>RNF213-F83IELKIPLFL	38	>RNF213-F83IELKIPLIL	355	317
>RNF213-F83IELKIPLFLV	39	>RNF213-F83IELKIPLILV	82	43
>RNF213-F83IELKIPLF	104	>RNF213-F83IELKIPLI	3271	3167
>RNF213-F83IELKIPLF	32	>RNF213-F83IELKIPLI	1839	1807
>RNF213-F83IELKIPLFL	248	>RNF213-F83IELKIPLIL	191	57
>RNF213-F83IELKIPLF	587	>RNF213-F83IELKIPLI	267	320
>RNF213-F83IELKIPLFL	36	>RNF213-F83IELKIPLIL	25	11
>RNF213-F83IELKIPLF	351	>RNF213-F83IELKIPLI	284	67
>RNF213-F83IELKIPLFL	81	>RNF213-F83IELKIPLIL	107	26
>RNF213-F83IELKIPLFLV	160	>RNF213-F83IELKIPLILV	727	567
>RNF213-F83IELKIPLF	473	>RNF213-F83IELKIPLI	2404	1931
>RNF213-F83IELKIPLF	80	>RNF213-F83IELKIPLI	958	878
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>RNF213-F83IELKIPLFL	27	>RNF213-F83IELKIPLIL	16	11
>RNF213-F83IELKIPLFLV	97	>RNF213-F83IELKIPLILV	107	10
>RNF213-F83CIELKIPLFLV	144	>RNF213-F83CIELKIPLILV	254	110
>RNF213-I56ISCIKEVL	78	>RNF213-I56LSCIKEVL	174	96
>RNF213-I56AISCIKEV	659	>RNF213-I56ALSCIKEV	56	603
>RNF213-I56AISCIKEV	43	>RNF213-I56ALSCIKEV	6	37
>RNF213-I56AISCIKEVL	84	>RNF213-I56ALSCIKEVL	10	74
>RNF213-I56AISCIKEV	33	>RNF213-I56ALSCIKEV	8	25
>RNF213-I56AISCIKEVL	3055	>RNF213-I56ALSCIKEVL	390	2665
>RNF213-I56AISCIKEV	261	>RNF213-I56ALSCIKEV	220	41
>RNF213-I56AISCIKEV	61	>RNF213-I56ALSCIKEV	5	56
>RNF213-I56AISCIKEVL	2246	>RNF213-I56ALSCIKEVL	79	2167
>RNF213-I56AISCIKEV	714	>RNF213-I56ALSCIKEV	9	705
>RNF213-I56AISCIKEVL	7430	>RNF213-I56ALSCIKEVL	122	7308
>RNF213-I56AISCIKEV	343	>RNF213-I56ALSCIKEV	18	325
>RNF213-I56AISCIKEV	695	>RNF213-I56ALSCIKEV	21	674

>RNF213-I56 AISCIKEV	21	>RNF213-I56 ALSCIKEV	3	18
>RNF213-I56 AISCIKEVL	2959	>RNF213-I56 ALSCIKEVL	43	2916
>RNF213-I56 AISCIKEVLC	12997	>RNF213-I56 ALSCIKEVLC	490	12507
>RNF213-I56 AISCIKEV	271	>RNF213-I56 ALSCIKEV	1549	1278
>RNF213-I56 FFDEANTTEA	126	>RNF213-I56 FFDEANTTEA	39	87
>RNF213-I56 FFDEANTTEA	244	>RNF213-I56 FFDEANTTEA	260	16
>RNF213-I56 FFDEANTTEA	382	>RNF213-I56 FFDEANTTEA	445	63
>RNF213-I56 FFDEANTTEA	685	>RNF213-I56 FFDEANTTEA	473	212
>RNF213-I56 FFDEANTTEA	5859	>RNF213-I56 FFDEANTTEA	453	5406
>RNF213-I56 EAISCIKEVL	204	>RNF213-I56 EALSCIKEVL	3269	3065
>RNF213-I56 EAISCIKEV	13	>RNF213-I56 EALSCIKEV	104	91
>RNF213-I56 EAISCIKEV	201	>RNF213-I56 EALSCIKEV	57	144
>RNF213-I56 TEAISCIKEV	15	>RNF213-I56 TEALSCIKEV	13	2
>RNF213-I56 TEAISCIKEVL	71	>RNF213-I56 TEALSCIKEVL	56	15
>RNF213-I56 TEAISCIKEVL	44	>RNF213-I56 TEALSCIKEVL	36	8
>RNF213-I56 TEAISCIKEVL	472	>RNF213-I56 TEALSCIKEVL	440	32
>RNF213-I56 TEAISCIKEVL	265	>RNF213-I56 TEALSCIKEVL	259	6
>RNF213-I56 TTEAISCIK	51	>RNF213-I56 TTEALSCIK	50	1
>RNF213-I56 TTEAISCIK	401	>RNF213-I56 TTEALSCIK	465	64
>RNF213-I56 TTEAISCIK	16	>RNF213-I56 TTEALSCIK	62	46
>RNF213-I56 TTEAISCI	88	>RNF213-I56 TTEALSCI	452	364
>RNF213-I56 TTEAISCIKEV	28	>RNF213-I56 TTEALSCIKEV	68	40
>RNF213-I56 TTEAISCI	217	>RNF213-I56 TTEALSCI	375	158
>RNF213-I56 TTEAISCI	123	>RNF213-I56 TTEALSCI	171	48
>RNF213-I56 NTTEAISCI	782	>RNF213-I56 NTTEALSCI	452	330
>RNF213-I56 NTTEAISCIK	40	>RNF213-I56 NTTEALSCIK	55	15
>RNF213-I56 NTTEAISCI	634	>RNF213-I56 NTTEALSCI	330	304
>RNF213-I56 NTTEAISCIK	9	>RNF213-I56 NTTEALSCIK	26	17
>RNF213-I56 NTTEAISCI	17	>RNF213-I56 NTTEALSCI	38	21
>RNF213-I56 NTTEAISCI	322	>RNF213-I56 NTTEALSCI	286	36
>RNF213-I56 NTTEAISCI	112	>RNF213-I56 NTTEALSCI	104	8
>RNF213-I56 EANTTEAI	100	>RNF213-I56 EANTTEAL	187	87
>RNF213-I56 EANTTEAISCI	327	>RNF213-I56 EANTTEALSC	385	58
>RNF213-I56 EANTTEAI	369	>RNF213-I56 EANTTEAL	621	252
>RNF213-I56 DEANTTEAI	12	>RNF213-I56 DEANTTEAL	128	116
>RNF213-I56 DEANTTEAI	116	>RNF213-I56 DEANTTEAL	26	90
>RNF213-I56 DEANTTEAISCI	499	>RNF213-I56 DEANTTEALS	557	58
>RNF213-I56 DEANTTEAI	538	>RNF213-I56 DEANTTEAL	166	372
>RNF213-I56 DEANTTEAI	237	>RNF213-I56 DEANTTEAL	1457	1220
>RNF213-I56 FDEANTTEAI	328	>RNF213-I56 FDEANTTEAL	3864	3536
>RNF213-I56 FDEANTTEAI	4049	>RNF213-I56 FDEANTTEAL	339	3710
>RNF213-I56 FDEANTTEAI	63	>RNF213-I56 FDEANTTEAL	556	493
>RNF213-I56 FDEANTTEAI	35	>RNF213-I56 FDEANTTEAL	249	214

>RNF213-K74KSSVSKNHTE	9	>RNF213-K74NSSVSKNHTE	167	158
>RNF213-K74KSSVSKNHTE	10519	>RNF213-K74NSSVSKNHTE	427	10092
>RNF213-K74KSSVSKNHTE	329	>RNF213-K74NSSVSKNHTE	18	311
>RNF213-K74SKSSVSKNH	447	>RNF213-K74SNSSVSKNH	12320	11873
>RNF213-K74LLAQLNAFLSI	57	>RNF213-K74LLAQLNAFLSI	16342	16285
>RNF213-K74LLAQLNAFLSI	181	>RNF213-K74LLAQLNAFLSI	23815	23634
>RNF213-K74LLAQLNAFLSI	299	>RNF213-K74LLAQLNAFLSI	21707	21408
>RNF213-K74LSKSSVSK	300	>RNF213-K74LSNSSVSK	101	199
>RNF213-K74LSKSSVSK	237	>RNF213-K74LSNSSVSK	29	208
>RNF213-K74LSKSSVSK	7	>RNF213-K74LSNSSVSK	57	50
>RNF213-K74LSKSSVSK	391	>RNF213-K74LSNSSVSK	535	144
>RNF213-K74LSKSSVSK	318	>RNF213-K74LSNSSVSK	151	167
>RNF213-K74LSKSSVSK	374	>RNF213-K74LSNSSVSK	539	165
>RNF213-K74LSKSSVSKN	275	>RNF213-K74LSNSSVSKN	592	317
>RNF213-K74FLSKSSVS	121	>RNF213-K74FLSNSSVS	100	21
>RNF213-K74FLSKSSVSK	305	>RNF213-K74FLSNSSVSK	239	66
>RNF213-K74FLSKSSVS	191	>RNF213-K74FLSNSSVS	93	98
>RNF213-K74FLSKSSVS	356	>RNF213-K74FLSNSSVS	109	247
>RNF213-K74FLSKSSVSK	156	>RNF213-K74FLSNSSVSK	47	109
>RNF213-K74FLSKSSVSK	48	>RNF213-K74FLSNSSVSK	49	1
>RNF213-K74FLSKSSVSK	239	>RNF213-K74FLSNSSVSK	121	118
>RNF213-K74FLSKSSVSK	109	>RNF213-K74FLSNSSVSK	92	17
>RNF213-K74FLSKSSVSK	243	>RNF213-K74FLSNSSVSK	179	64
>RNF213-K74AFLSKSSV	847	>RNF213-K74AFLSNSSV	235	612
>RNF213-K74AFLSKSSV	457	>RNF213-K74AFLSNSSV	234	223
>RNF213-K74AFLSKSSVSK	35	>RNF213-K74AFLSNSSVSK	42	7
>RNF213-K74AFLSKSSVSK	69	>RNF213-K74AFLSNSSVSK	39	30
>RNF213-K74AFLSKSSVSK	27	>RNF213-K74AFLSNSSVSK	22	5
>RNF213-K74AFLSKSSVSK	362	>RNF213-K74AFLSNSSVSK	399	37
>RNF213-K74NAFLSKSSVSI	95	>RNF213-K74NAFLSNSSVSI	66	29
>RNF213-K74NAFLSKSSVSI	14	>RNF213-K74NAFLSNSSVSI	9	5
>RNF213-K74NAFLSKSSV	42	>RNF213-K74NAFLSNSSV	20	22
>RNF213-K74NAFLSKSSV	397	>RNF213-K74NAFLSNSSV	113	284
>RNF213-K74LNAFLSKSSV	1425	>RNF213-K74LNAFLSNSSV	311	1114
>RNF213-K74QLNAFLSKSS'	274	>RNF213-K74QLNAFLSNSS	101	173
>RNF213-K74QLNAFLSKS	346	>RNF213-K74QLNAFLSNS	140	206
>RNF213-K74QLNAFLSKSS'	18	>RNF213-K74QLNAFLSNSS	7	11
>RNF213-K74QLNAFLSKS	335	>RNF213-K74QLNAFLSNS	137	198
>RNF213-K74QLNAFLSKSS'	6	>RNF213-K74QLNAFLSNSS	4	2
>RNF213-K74QLNAFLSKSS'	242	>RNF213-K74QLNAFLSNSS	110	132
>RNF213-K74QLNAFLSKSS'	10	>RNF213-K74QLNAFLSNSS	8	2
>RNF213-K74QLNAFLSKSS'	53	>RNF213-K74QLNAFLSNSS	25	28
>RNF213-K74QLNAFLSKSS'	64	>RNF213-K74QLNAFLSNSS	54	10

>RNF213-K74QLNAFLSKSS'	26	>RNF213-K74QLNAFLSNSS	12	14
>RNF213-K74QLNAFLSKSS'	3	>RNF213-K74QLNAFLSNSS	3	0
>RNF213-K74QLNAFLSK	42	>RNF213-K74QLNAFLSN	14890	14848
>RNF213-K74QLNAFLSK	27	>RNF213-K74QLNAFLSN	18699	18672
>RNF213-K74QLNAFLSK	313	>RNF213-K74QLNAFLSN	14732	14419
>RNF213-K74QLNAFLSKSS'	327	>RNF213-K74QLNAFLSNSS	192	135
>RNF213-K74QLNAFLSKSS'	287	>RNF213-K74QLNAFLSNSS	163	124
>RNF213-K74AQLNAFLSK	432	>RNF213-K74AQLNAFLSN	390	42
>RNF213-K74AQLNAFLSKS	474	>RNF213-K74AQLNAFLSNS	124	350
>RNF213-K74AQLNAFLSK	113	>RNF213-K74AQLNAFLSN	19828	19715
>RNF213-K74AQLNAFLSK	14	>RNF213-K74AQLNAFLSN	13025	13011
>RNF213-K74AQLNAFLSK	28	>RNF213-K74AQLNAFLSN	8231	8203
>RNF213-K74AQLNAFLSK	39	>RNF213-K74AQLNAFLSN	480	441
>RNF213-K74AQLNAFLSKS	638	>RNF213-K74AQLNAFLSNS	283	355
>RNF213-K74AQLNAFLSKS	308	>RNF213-K74AQLNAFLSNS	338	30
>RNF213-K74AQLNAFLSK	180	>RNF213-K74AQLNAFLSN	4040	3860
>RNF213-K74AQLNAFLSK	102	>RNF213-K74AQLNAFLSN	3892	3790
>RNF213-K74LAQLNAFLSK	247	>RNF213-K74LAQLNAFLSN	22757	22510
>RNF213-K74LAQLNAFLSK	52	>RNF213-K74LAQLNAFLSN	30615	30563
>RNF213-K74LAQLNAFLSK	395	>RNF213-K74LAQLNAFLSN	14607	14212
>RNF213-P31PENAKLLSTFI	372	>RNF213-P31LENAKLLSTFL	28	344
>RNF213-P31PENAKLLSTF	8663	>RNF213-P31LENAKLLSTF	131	8532
>RNF213-P31PENAKLLSTF	1410	>RNF213-P31LENAKLLSTF	104	1306
>RNF213-P31PENAKLLSTFI	1335	>RNF213-P31LENAKLLSTFL	68	1267
>RNF213-P31PENAKLLST	1761	>RNF213-P31LENAKLLST	88	1673
>RNF213-P31PENAKLLSTF	777	>RNF213-P31LENAKLLSTF	311	466
>RNF213-P31PENAKLLSTFI	784	>RNF213-P31LENAKLLSTFL	51	733
>RNF213-P31PENAKLLSTF	875	>RNF213-P31LENAKLLSTF	201	674
>RNF213-P31PENAKLLSTF	1090	>RNF213-P31LENAKLLSTF	343	747
>RNF213-P31PENAKLLSTFI	3320	>RNF213-P31LENAKLLSTFL	218	3102
>RNF213-P31SPENAKLL	338	>RNF213-P31SLENAKLL	25928	25590
>RNF213-P31SPENAKLL	111	>RNF213-P31SLENAKLL	23312	23201
>RNF213-P31SPENAKLLSTFI	26	>RNF213-P31SLENAKLLSTFL	17312	17286
>RNF213-P31SPENAKLL	34407	>RNF213-P31SLENAKLL	477	33930
>RNF213-P31SPENAKLLST	23701	>RNF213-P31SLENAKLLST	240	23461
>RNF213-P31SPENAKLL	32127	>RNF213-P31SLENAKLL	29	32098
>RNF213-P31SPENAKLLST	35637	>RNF213-P31SLENAKLLST	330	35307
>RNF213-P31SPENAKLL	391	>RNF213-P31SLENAKLL	22547	22156
>RNF213-P31SPENAKLLSTFI	276	>RNF213-P31SLENAKLLSTFL	22476	22200
>RNF213-P31SPENAKLLSTFI	4527	>RNF213-P31SLENAKLLSTFL	298	4229
>RNF213-P31SPENAKLLSTFI	70	>RNF213-P31SLENAKLLSTFL	5495	5425
>RNF213-P31SPENAKLLSTFI	63	>RNF213-P31SLENAKLLSTFL	50	13
>RNF213-P31SPENAKLLSTFI	70	>RNF213-P31SLENAKLLSTFL	3810	3740

>RNF213-P3:SPENAKLLSTF	240	>RNF213-P3:LSLENAKLLSTF	21154	20914
>RNF213-P3:ISSRYKADLSP	8090	>RNF213-P3:ISSRYKADLSL	457	7633
>RNF213-P3:ISSRYKADLSP	14550	>RNF213-P3:ISSRYKADLSL	23	14527
>RNF213-P3:ISSRYKADLSP	14763	>RNF213-P3:ISSRYKADLSL	196	14567
>RNF213-P3:LSPENAKLL	1124	>RNF213-P3:LSLENAKLL	241	883
>RNF213-P3:LSPENAKL	302	>RNF213-P3:LSLENAKL	14	288
>RNF213-P3:LSPENAKLL	487	>RNF213-P3:LSLENAKLL	19	468
>RNF213-P3:LSPENAKL	11	>RNF213-P3:LSLENAKL	4708	4697
>RNF213-P3:LSPENAKLL	2	>RNF213-P3:LSLENAKLL	1430	1428
>RNF213-P3:LSPENAKLLS	183	>RNF213-P3:LSLENAKLLS	22273	22090
>RNF213-P3:DLSPENAKL	415	>RNF213-P3:DLSLENAKL	1392	977
>RNF213-P3:DLSPENAKL	82	>RNF213-P3:DLSLENAKL	1117	1035
>RNF213-P3:DLSPENAKLL	192	>RNF213-P3:DLSLENAKLL	1422	1230
>RNF213-P3:DLSPENAK	629	>RNF213-P3:DLSLENAK	458	171
>RNF213-P3:ADLSPENAKL	1107	>RNF213-P3:ADLSLENAKL	362	745
>RNF213-P3:ADLSPENAKL	530	>RNF213-P3:ADLSLENAKL	311	219
>RNF213-P3:ADLSPENAKL	194	>RNF213-P3:ADLSLENAKL	118	76
>RNF213-P3:KADLSPENAK	51	>RNF213-P3:KADLSLENAK	64	13
>RNF213-P3:YKADLSPENA	477	>RNF213-P3:YKADLSLENA	607	130
>RNF213-P3:YKADLSPENA	252	>RNF213-P3:YKADLSLENA	279	27
>RNF213-P3:RYKADLSP	22132	>RNF213-P3:RYKADLSL	184	21948
>RNF213-P3:RYKADLSP	3759	>RNF213-P3:RYKADLSL	10	3749
>RNF213-P3:RYKADLSP	292	>RNF213-P3:RYKADLSL	23	269
>RNF213-P3:RYKADLSPEN	233	>RNF213-P3:RYKADLSLEN	361	128
>RNF213-P3:RYKADLSPEN	43	>RNF213-P3:RYKADLSLEN	50	7
>RNF213-P3:SRKADLSP	40360	>RNF213-P3:SRKADLSL	202	40158
>RNF213-P3:SRKADLSP	3259	>RNF213-P3:SRKADLSL	139	3120
>RNF213-P3:SRKADLSP	1899	>RNF213-P3:SRKADLSL	58	1841
>RNF213-P3:SRKADLSP	22648	>RNF213-P3:SRKADLSL	151	22497
>RNF213-P3:SRKADLSP	5103	>RNF213-P3:SRKADLSL	120	4983
>RNF213-P3:SRKADLSP	7312	>RNF213-P3:SRKADLSL	53	7259
>RNF213-P3:SSRYKADLSP	526	>RNF213-P3:SSRYKADLSL	48	478
>RNF213-P3:SSRYKADLSP	10157	>RNF213-P3:SSRYKADLSL	13	10144
>RNF213-P3:SSRYKADLSP	8260	>RNF213-P3:SSRYKADLSL	77	8183
>RNF213-P3:SSRYKADLSPI	2239	>RNF213-P3:SSRYKADLSLE	336	1903
>RNF213-R2:RGMEFVQGL	355	>RNF213-R2:QGMEFVQGL	203	152
>RNF213-R2:RGMEFVQGL	307	>RNF213-R2:QGMEFVQGL	371	64
>RNF213-R2:RGMEFVQGL	214	>RNF213-R2:QGMEFVQGL	715	501
>RNF213-R2:RGMEFVQGL	435	>RNF213-R2:QGMEFVQGL	2909	2474
>RNF213-R2:RGMEFVQGL	288	>RNF213-R2:QGMEFVQGL	3763	3475
>RNF213-R2:RGMEFVQGL	56	>RNF213-R2:QGMEFVQGL	279	223
>RNF213-R2:RGMEFVQGL	43	>RNF213-R2:QGMEFVQGL	2087	2044
>RNF213-R2:RGMEFVQGL	102	>RNF213-R2:QGMEFVQGL	2728	2626



>RNF213-R2:QRGMEFVQC	1258	>RNF213-R2:QQGMEFVQC	312	946
>RNF213-R2:QRGMEFVQC	225	>RNF213-R2:QQGMEFVQC	13049	12824
>RNF213-R2:QRGMEFVQC	134	>RNF213-R2:QQGMEFVQC	5944	5810
>RNF213-R2:VYLVRKLSSQI	47	>RNF213-R2:VYLVRKLSSQI	11365	11318
>RNF213-R2:VYLVRKLSSQI	82	>RNF213-R2:VYLVRKLSSQI	18526	18444
>RNF213-R2:VYLVRKLSSQI	125	>RNF213-R2:VYLVRKLSSQI	14058	13933
>RNF213-R2:SQRGMEFV	3572	>RNF213-R2:SQQGMEFV	130	3442
>RNF213-R2:SQRGMEFV	1083	>RNF213-R2:SQQGMEFV	258	825
>RNF213-R2:SQRGMEFV	277	>RNF213-R2:SQQGMEFV	518	241
>RNF213-R2:SQRGMEFV	31	>RNF213-R2:SQQGMEFV	11	20
>RNF213-R2:SQRGMEFVQ	466	>RNF213-R2:SQQGMEFVC	108	358
>RNF213-R2:SQRGMEFV	577	>RNF213-R2:SQQGMEFV	116	461
>RNF213-R2:SQRGMEFV	5276	>RNF213-R2:SQQGMEFV	347	4929
>RNF213-R2:SQRGMEFV	544	>RNF213-R2:SQQGMEFV	90	454
>RNF213-R2:SQRGMEFV	628	>RNF213-R2:SQQGMEFV	290	338
>RNF213-R2:SQRGMEFVQ	323	>RNF213-R2:SQQGMEFVC	1240	917
>RNF213-R2:SQRGMEFVQ	2271	>RNF213-R2:SQQGMEFVC	376	1895
>RNF213-R2:SSQRGMEFV	388	>RNF213-R2:SSQQGMEFV	293	95
>RNF213-R2:SSQRGMEFV	174	>RNF213-R2:SSQQGMEFV	238	64
>RNF213-R2:SSQRGMEF	236	>RNF213-R2:SSQQGMEF	146	90
>RNF213-R2:SSQRGMEF	97	>RNF213-R2:SSQQGMEF	160	63
>RNF213-R2:SSQRGMEF	17	>RNF213-R2:SSQQGMEF	8	9
>RNF213-R2:SSQRGMEF	298	>RNF213-R2:SSQQGMEF	334	36
>RNF213-R2:SSQRGMEFV	371	>RNF213-R2:SSQQGMEFV	297	74
>RNF213-R2:LSSQRGMEF	941	>RNF213-R2:LSSQQGMEF	392	549
>RNF213-R2:LSSQRGMEF	73	>RNF213-R2:LSSQQGMEF	70	3
>RNF213-R2:LSSQRGMEF	18	>RNF213-R2:LSSQQGMEF	14	4
>RNF213-R2:LSSQRGMEF	5	>RNF213-R2:LSSQQGMEF	5	0
>RNF213-R2:LSSQRGMEF	1737	>RNF213-R2:LSSQQGMEF	332	1405
>RNF213-R2:LSSQRGMEF	902	>RNF213-R2:LSSQQGMEF	449	453
>RNF213-R2:LSSQRGMEF	90	>RNF213-R2:LSSQQGMEF	48	42
>RNF213-R2:LSSQRGMEF	41	>RNF213-R2:LSSQQGMEF	73	32
>RNF213-R2:LSSQRGMEF\	98	>RNF213-R2:LSSQQGMEF'	112	14
>RNF213-R2:KLSSQRGMEI	77	>RNF213-R2:KLSSQQGME	35	42
>RNF213-R2:KLSSQRGM	514	>RNF213-R2:KLSSQQGM	99	415
>RNF213-R2:KLSSQRGMEI	9	>RNF213-R2:KLSSQQGME	5	4
>RNF213-R2:KLSSQRGM	1005	>RNF213-R2:KLSSQQGM	393	612
>RNF213-R2:KLSSQRGMEI	8	>RNF213-R2:KLSSQQGME	5	3
>RNF213-R2:KLSSQRGMEI	76	>RNF213-R2:KLSSQQGME	51	25
>RNF213-R2:KLSSQRGM	1469	>RNF213-R2:KLSSQQGM	381	1088
>RNF213-R2:KLSSQRGMEI	11	>RNF213-R2:KLSSQQGME	5	6
>RNF213-R2:KLSSQRGMEI	40	>RNF213-R2:KLSSQQGME	12	28
>RNF213-R2:KLSSQRGMEI	12	>RNF213-R2:KLSSQQGME	8	4

>RNF213-R2:KLSSQRGM EI	51	>RNF213-R2:KLSSQQGME	10	41
>RNF213-R2:KLSSQRGM	1069	>RNF213-R2:KLSSQQGM	115	954
>RNF213-R2:KLSSQRGM EI	5	>RNF213-R2:KLSSQQGME	4	1
>RNF213-R2:KLSSQRGM EI	511	>RNF213-R2:KLSSQQGME	443	68
>RNF213-R2:KLSSQRGM EI	155	>RNF213-R2:KLSSQQGME	154	1
>RNF213-R2:KLSSQRGM EI	26	>RNF213-R2:KLSSQQGME	26	0
>RNF213-R2:KLSSQRGM EI	221	>RNF213-R2:KLSSQQGME	258	37
>RNF213-R2:RKLSSQRG	911	>RNF213-R2:RKLSSQQG	438	473
>RNF213-R2:RKLSSQRGM	6	>RNF213-R2:RKLSSQQGM	4	2
>RNF213-R2:RKLSSQRGM I	2	>RNF213-R2:RKLSSQQGM	2	0
>RNF213-R2:RKLSSQRGM	386	>RNF213-R2:RKLSSQQGM	497	111
>RNF213-R2:VRKLSSQRGM	539	>RNF213-R2:VRKLSSQQGM	227	312
>RNF213-R2:VRKLSSQRGM	934	>RNF213-R2:VRKLSSQQGM	447	487
>RNF213-R2:VRKLSSQRGM	744	>RNF213-R2:VRKLSSQQGM	364	380
>RNF213-R2:LVRKLSSQR	70	>RNF213-R2:LVRKLSSQQ	207	137
>RNF213-R2:LVRKLSSQRG	182	>RNF213-R2:LVRKLSSQQG	132	50
>RNF213-R2:LVRKLSSQRG	80	>RNF213-R2:LVRKLSSQQG	66	14
>RNF213-R2:LVRKLSSQR	49	>RNF213-R2:LVRKLSSQQ	14671	14622
>RNF213-R2:LVRKLSSQR	380	>RNF213-R2:LVRKLSSQQ	24733	24353
>RNF213-R2:LVRKLSSQR	306	>RNF213-R2:LVRKLSSQQ	16163	15857
>RNF213-R2:LVRKLSSQRG	204	>RNF213-R2:LVRKLSSQQG	421	217
>RNF213-R2:LVRKLSSQRG	295	>RNF213-R2:LVRKLSSQQG	172	123
>RNF213-R2:LVRKLSSQRG	190	>RNF213-R2:LVRKLSSQQG	107	83
>RNF213-R2:LVRKLSSQR	165	>RNF213-R2:LVRKLSSQQ	64	101
>RNF213-R2:LVRKLSSQRG	58	>RNF213-R2:LVRKLSSQQG	48	10
>RNF213-R2:YLVRKLSSQR	788	>RNF213-R2:YLVRKLSSQQ	12	776
>RNF213-R2:YLVRKLSSQR I	527	>RNF213-R2:YLVRKLSSQQ	407	120
>RNF213-S3(SDACEVLSV	114	>RNF213-S3(NDACEVLSV	343	229
>RNF213-S3(SDACEVLSV I	157	>RNF213-S3(NDACEVLSV I	456	299
>RNF213-S3(YSDACEVLSV	299	>RNF213-S3(YNDACEVLSV	16676	16377
>RNF213-S3(YSDACEVLSV	209	>RNF213-S3(YNDACEVLSV	411	202
>RNF213-S3(YSDACEVLSV	327	>RNF213-S3(YNDACEVLSV	6057	5730
>RNF213-S3(YSDACEVLSV	264	>RNF213-S3(YNDACEVLSV	414	150
>RNF213-S3(YSDACEVLSV	344	>RNF213-S3(YNDACEVLSV	760	416
>RNF213-S3(YSDACEVLSV	144	>RNF213-S3(YNDACEVLSV	283	139
>RNF213-S3(YSDACEVLSV	146	>RNF213-S3(YNDACEVLSV	1869	1723
>RNF213-S3(YSDACEVLSV	215	>RNF213-S3(YNDACEVLSV	1131	916
>RNF213-S3(YSDACEVLSV	188	>RNF213-S3(YNDACEVLSV	856	668
>RNF213-S3(YSDACEVLSV	414	>RNF213-S3(YNDACEVLSV	4076	3662
>RNF213-S3(YSDACEVL	159	>RNF213-S3(YNDACEVL	23240	23081
>RNF213-S3(YSDACEVL	314	>RNF213-S3(YNDACEVL	288	26
>RNF213-S3(YSDACEVL	54	>RNF213-S3(YNDACEVL	876	822
>RNF213-S3(YSDACEVLSV	125	>RNF213-S3(YNDACEVLSV	1731	1606

>RNF213-S3C SYSDACEVL	73	>RNF213-S3C SYNDACEVL	49	24
>RNF213-S3C SYSDACEV	313	>RNF213-S3C SYNDACEV	269	44
>RNF213-S3C SYSDACEV	34	>RNF213-S3C SYNDACEV	42	8
>RNF213-S3C SYSDACEVLS'	101	>RNF213-S3C SYNDACEVLS	125	24
>RNF213-S3C SYSDACEVL	19	>RNF213-S3C SYNDACEVL	49	30
>RNF213-S3C SYSDACEVLS'	320	>RNF213-S3C SYNDACEVLS	1158	838
>RNF213-S3C SYSDACEVL	451	>RNF213-S3C SYNDACEVL	455	4
>RNF213-S3C SYSDACEVLS'	172	>RNF213-S3C SYNDACEVLS	172	0
>RNF213-S3C SYSDACEVL	161	>RNF213-S3C SYNDACEVL	429	268
>RNF213-S3C SYSDACEVLS'	245	>RNF213-S3C SYNDACEVLS	668	423
>RNF213-S3C QSYSDACEV	323	>RNF213-S3C QSYNDACEV	448	125
>RNF213-S3C QSYSDACEV	70	>RNF213-S3C QSYNDACEV	113	43
>RNF213-S3C QSYSDACEV	325	>RNF213-S3C QSYNDACEV	500	175
>RNF213-S3C QSYSDACEVL	185	>RNF213-S3C QSYNDACEVI	262	77
>RNF213-S3C QSYSDACEV	208	>RNF213-S3C QSYNDACEV	244	36
>RNF213-S3C QSYSDACEVL	48	>RNF213-S3C QSYNDACEVI	53	5
>RNF213-S3C LQSYSDACEV	368	>RNF213-S3C LQSYNDACEV	579	211
>RNF213-S3C LQSYSDACEV	250	>RNF213-S3C LQSYNDACEV	304	54
>RNF213-S3C LQSYSDACEV	293	>RNF213-S3C LQSYNDACEV	314	21
>RNF213-S3C LQSYSDACEV	394	>RNF213-S3C LQSYNDACEV	575	181
>RNF213-S3C LQSYSDACEV	511	>RNF213-S3C LQSYNDACEV	169	342
>RNF213-S3C LQSYSDACEV	246	>RNF213-S3C LQSYNDACEV	382	136
>RNF213-S3C LQSYSDACEV	57	>RNF213-S3C LQSYNDACEV	76	19
>RNF213-S3C LQSYSDACEV	57	>RNF213-S3C LQSYNDACEV	130	73
>RNF213-S3C LQSYSDACEV	31	>RNF213-S3C LQSYNDACEV	64	33
>RNF213-S3C QLQSYSDACE	88	>RNF213-S3C QLQSYNDACI	100	12
>RNF213-S3C QLQSYSDACE	33	>RNF213-S3C QLQSYNDACI	45	12
>RNF213-S3C QLQSYSDA	383	>RNF213-S3C QLQSYNDA	1068	685
>RNF213-S3C QLQSYSDACE	82	>RNF213-S3C QLQSYNDACI	134	52
>RNF213-S3C QLQSYSDACE	317	>RNF213-S3C QLQSYNDACI	419	102
>RNF213-S3C QLQSYSDACE	8	>RNF213-S3C QLQSYNDACI	9	1
>RNF213-S3C QLQSYSDACE	13	>RNF213-S3C QLQSYNDACI	18	5
>RNF213-S3C QLQSYSDACE	41	>RNF213-S3C QLQSYNDACI	60	19
>RNF213-S3C QLQSYSDACE	16	>RNF213-S3C QLQSYNDACI	30	14
>RNF213-S3C QLQSYSDA	305	>RNF213-S3C QLQSYNDA	761	456
>RNF213-S3C QLQSYSDACE	3	>RNF213-S3C QLQSYNDACI	4	1
>RNF213-S3C GQLQSYSDA	339	>RNF213-S3C GQLQSYNDA	991	652
>RNF213-T1C TVCKRQDK	1214	>RNF213-T1C MVCKRQDK	382	832
>RNF213-T1C TVCKRQDK	188	>RNF213-T1C MVCKRQDK	182	6
>RNF213-T1C TVCKRQDKEF	100	>RNF213-T1C MVCKRQDKE	283	183
>RNF213-T1C TVCKRQDK	1829	>RNF213-T1C MVCKRQDK	140	1689
>RNF213-T1C TVCKRQDK	224	>RNF213-T1C MVCKRQDK	77	147
>RNF213-T1C TVCKRQDKEF	2999	>RNF213-T1C MVCKRQDKE	342	2657

>RNF213-T1(ETVCKRQDKE	269	>RNF213-T1(EMVCKRQDK	9081	8812
>RNF213-T1(ETVCKRQDKE	10	>RNF213-T1(EMVCKRQDK	548	538
>RNF213-T1(ETVCKRQDKE	128	>RNF213-T1(EMVCKRQDK	5397	5269
>RNF213-T1(ETVCKRQDK	34	>RNF213-T1(EMVCKRQDK	869	835
>RNF213-T1(ETVCKRQDKE	1640	>RNF213-T1(EMVCKRQDK	52	1588
>RNF213-T1(ETVCKRQDKE	24	>RNF213-T1(EMVCKRQDK	4714	4690
>RNF213-T1(YFASFAKAYE	774	>RNF213-T1(YFASFAKAYE	173	601
>RNF213-T1(YFASFAKAYE	3540	>RNF213-T1(YFASFAKAYE	228	3312
>RNF213-T1(YFASFAKAYE	2084	>RNF213-T1(YFASFAKAYE	114	1970
>RNF213-T1(YFASFAKAYE	5707	>RNF213-T1(YFASFAKAYE	146	5561
>RNF213-T1(YFASFAKAYE	15120	>RNF213-T1(YFASFAKAYE	443	14677
>RNF213-T1(YETVCKRQD	2873	>RNF213-T1(YEMVCKRQD	319	2554
>RNF213-T1(YETVCKRQDK	3464	>RNF213-T1(YEMVCKRQD	290	3174
>RNF213-T1(AYETVCKR	294	>RNF213-T1(AYEMVCKR	172	122
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>RNF213-T1(KAYETVCK	63	>RNF213-T1(KAYEMVCK	59	4
>RNF213-T1(KAYETVCKR	522	>RNF213-T1(KAYEMVCKR	391	131
>RNF213-T1(KAYETVCK	31	>RNF213-T1(KAYEMVCK	22	9
>RNF213-T1(KAYETVCKR	663	>RNF213-T1(KAYEMVCKR	339	324
>RNF213-T1(KAYETVCK	35	>RNF213-T1(KAYEMVCK	71	36
>RNF213-T1(KAYETVCK	194	>RNF213-T1(KAYEMVCK	118	76
>RNF213-T1(KAYETVCKR	14	>RNF213-T1(KAYEMVCKR	11	3
>RNF213-T1(KAYETVCK	352	>RNF213-T1(KAYEMVCK	341	11
>RNF213-T1(KAYETVCKR	97	>RNF213-T1(KAYEMVCKR	65	32
>RNF213-T1(KAYETVCKR	29	>RNF213-T1(KAYEMVCKR	32	3
>RNF213-T1(AKAYETVCK	291	>RNF213-T1(AKAYEMVCK	479	188
>RNF213-T1(AKAYETVCKR	328	>RNF213-T1(AKAYEMVCK	688	360
>RNF213-T1(FAKAYETV	225	>RNF213-T1(FAKAYEMV	236	11
>RNF213-T1(FAKAYETV	48	>RNF213-T1(FAKAYEMV	73	25
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>RNF213-T1(FAKAYETVCK	189	>RNF213-T1(FAKAYEMVCI	197	8
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>RNF213-T1(FAKAYETVCK	93	>RNF213-T1(FAKAYEMVCI	139	46
>RNF213-T1(FAKAYETVCK	28	>RNF213-T1(FAKAYEMVCI	24	4
>RNF213-T1(FAKAYETV	403	>RNF213-T1(FAKAYEMV	287	116
>RNF213-T1(SFAKAYETV	175	>RNF213-T1(SFAKAYEMV	3034	2859
>RNF213-T1(SFAKAYETV	334	>RNF213-T1(SFAKAYEMV	312	22
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>RNF213-T1(SFAKAYETV	340	>RNF213-T1(SFAKAYEMV	239	101
>RNF213-T1(SFAKAYETVC	250	>RNF213-T1(SFAKAYEMV	306	56

>RNF213-T1(ASFAKAYET	7697	>RNF213-T1(ASFAKAYEM	385	7312
>RNF213-T1(ASFAKAYETV	246	>RNF213-T1(ASFAKAYEM\	328	82
>RNF213-T1(ASFAKAYET	1361	>RNF213-T1(ASFAKAYEM	136	1225
>RNF213-T1(ASFAKAYETV	200	>RNF213-T1(ASFAKAYEM\	1311	1111
>RNF213-T1(ASFAKAYETV	195	>RNF213-T1(ASFAKAYEM\	486	291
>RNF213-T1(ASFAKAYET	9499	>RNF213-T1(ASFAKAYEM	166	9333
>RNF213-T1(ASFAKAYETV	297	>RNF213-T1(ASFAKAYEM\	501	204
>RNF213-T1(ASFAKAYET	449	>RNF213-T1(ASFAKAYEM	4	445
>RNF213-T1(ASFAKAYETV	91	>RNF213-T1(ASFAKAYEM\	224	133
>RNF213-T1(ASFAKAYET	12233	>RNF213-T1(ASFAKAYEM	144	12089
>RNF213-T1(FASFAKAYET'	34	>RNF213-T1(FASFAKAYEM	32	2
>RNF213-T1(FASFAKAYET'	61	>RNF213-T1(FASFAKAYEM	91	30
>RNF213-T1(FASFAKAYET'	32	>RNF213-T1(FASFAKAYEM	56	24
>RNF213-T1(FASFAKAYET'	146	>RNF213-T1(FASFAKAYEM	192	46
>RNF213-T1(FASFAKAYET'	258	>RNF213-T1(FASFAKAYEM	620	362
>RNF213-T1(FASFAKAYET'	44	>RNF213-T1(FASFAKAYEM	108	64
>RNF213-T1(FASFAKAYET	386	>RNF213-T1(FASFAKAYEM	760	374
>RNF213-T1(FASFAKAYET'	12	>RNF213-T1(FASFAKAYEM	12	0
>RNF213-T1(FASFAKAYET'	131	>RNF213-T1(FASFAKAYEM	75	56
>RNF213-T1(FASFAKAYET	13758	>RNF213-T1(FASFAKAYEM	200	13558
>RNF213-T1(FASFAKAYET	24590	>RNF213-T1(FASFAKAYEM	416	24174
>RNF213-V2{VQQVEYSSI	494	>RNF213-V2{IQQVEYSSI	358	136
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>RNF213-V2{NVQQVEYSSI	189	>RNF213-V2{NIQQVEYSSIF	220	31
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>RNF213-V2{FQNVQQVEY	456	>RNF213-V2{FQNIQQVEY	374	82
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>RNF213-V2{FQNVQQVEY	293	>RNF213-V2{FQNIQQVEY	458	165
>RNF213-V2{FQNVQQVEY	5	>RNF213-V2{FQNIQQVEY	7	2
>RNF213-V2{FQNVQQVEY	328	>RNF213-V2{FQNIQQVEY	362	34
>RNF213-V2{QFQNVQQVE	189	>RNF213-V2{QFQNIQQVE'	296	107
>RNF213-V2{QFQNVQQVE	253	>RNF213-V2{QFQNIQQVE'	297	44
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>RNF213-V2{KQFQNVQQ\	135	>RNF213-V2{KQFQNIQQV	136	1
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>RNF213-V2{KQFQNVQQ\	11	>RNF213-V2{KQFQNIQQV	8	3
>RNF213-V2{KQFQNVQQ\	5	>RNF213-V2{KQFQNIQQV	4	1
>RNF213-V2{KQFQNVQQ\	41	>RNF213-V2{KQFQNIQQV	34	7
>RNF213-V2{KQFQNVQQ\	20	>RNF213-V2{KQFQNIQQV	19	1
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>RNF213-V2{KQFQNVQQ\	101	>RNF213-V2{KQFQNIQQV	168	67
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>RNF213-V2{KQFQNVQQ\	45	>RNF213-V2{KQFQNIQQV	49	4
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>RNF213-V2{KQFQNVQQ\	2	>RNF213-V2{KQFQNIQQV	2	0
>RNF213-V2{KQFQNVQQ\	266	>RNF213-V2{KQFQNIQQV	261	5
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>RNF213-V2{LVKQFQNVQ	11	>RNF213-V2{LVKQFQNIQC	10	1
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>RNF213-V2{DLVKQFQNV	456	>RNF213-V2{DLVKQFQNI	4372	3916
>RNF213-V2{DLVKQFQNV	152	>RNF213-V2{DLVKQFQNI	4767	4615
>RNF213-V2{DLVKQFQNV	22	>RNF213-V2{DLVKQFQNI	1185	1163
>RNF213-V2{DLVKQFQNV	182	>RNF213-V2{DLVKQFQNI	1154	972
>RNF213-V2{RDLVKQFQNI	2493	>RNF213-V2{RDLVKQFQNI	308	2185
>RNF213-V2{RDLVKQFQNI	58	>RNF213-V2{RDLVKQFQNI	35	23
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>ROS1-A210{ARDIYKNDYY	885	>ROS1-A210{TRDIYKNDYY	252	633
>ROS1-A210{LARDIYKNDY	3080	>ROS1-A210{LTRDIYKNDY	124	2956
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>ROS1-A210{LARDIYKNDY	586	>ROS1-A210{LTRDIYKNDY`	74	512
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>ROS1-A210{LARDIYKNDY	640	>ROS1-A210{LTRDIYKNDY`	103	537
>ROS1-A210{LARDIYKNDY	1192	>ROS1-A210{LTRDIYKNDY	460	732
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>ROS1-A210{LARDIYKNDY	465	>ROS1-A210{LTRDIYKNDY`	333	132
>ROS1-A210{LARDIYKNDY	273	>ROS1-A210{LTRDIYKNDY	495	222
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>ROS1-A210{LARDIYKNDY	157	>ROS1-A210{LTRDIYKNDY	16	141
>ROS1-A210{LARDIYKNDY	45	>ROS1-A210{LTRDIYKNDY`	8	37
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>ROS1-A210(GLARDIYKND	121	>ROS1-A210(GLTRDIYKND	275	154
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>ROS1-A210(FGLARDIY	315	>ROS1-A210(FGLTRDIY	864	549
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>ROS1-A210(DFGLARDIYK	499	>ROS1-A210(DFGLTRDIYK	494	5
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>ROS1-A210(GDFGLARDI	642	>ROS1-A210(GDFGLTRDI	300	342
>ROS1-A210(GDFGLARDI	409	>ROS1-A210(GDFGLTRDI	146	263
>ROS1-A210(GDFGLARDI	313	>ROS1-A210(GDFGLTRDI	537	224
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>ROS1-A210(IGDFGLARDI\	529	>ROS1-A210(IGDFGLTRDI\	295	234
>ROS1-A210(KIGDFGLAR	171	>ROS1-A210(KIGDFGLTR	248	77
>ROS1-A210(KIGDFGLAR	94	>ROS1-A210(KIGDFGLTR	125	31
>ROS1-A210(KIGDFGLARD	131	>ROS1-A210(KIGDFGLTRD	69	62
>ROS1-A210(KIGDFGLAR	14	>ROS1-A210(KIGDFGLTR	14	0
>ROS1-A210(IVKIGDFGLAF	36	>ROS1-A210(IVKIGDFGLTR	42	6
>ROS1-A210(IVKIGDFGLAF	135	>ROS1-A210(IVKIGDFGLTR	196	61
>ROS1-A210(IVKIGDFGLAF	147	>ROS1-A210(IVKIGDFGLTR	126	21
>ROS1-F213(FTTQSDVWSI	89	>ROS1-F213(STTQSDVWSI	379	290
>ROS1-F213(FTTQSDVWSI	69	>ROS1-F213(STTQSDVWSI	38	31
>ROS1-F213(FTTQSDVWSI	2113	>ROS1-F213(STTQSDVWSI	262	1851
>ROS1-F213(FTTQSDVWSI	54	>ROS1-F213(STTQSDVWSI	342	288
>ROS1-F213(FTTQSDVW	7	>ROS1-F213(STTQSDVW	12	5
>ROS1-F213(FTTQSDVWSI	5	>ROS1-F213(STTQSDVWSI	8	3
>ROS1-F213(FTTQSDVW	406	>ROS1-F213(STTQSDVW	5651	5245
>ROS1-F213(FTTQSDVW	125	>ROS1-F213(STTQSDVW	106	19
>ROS1-F213(FTTQSDVWSI	508	>ROS1-F213(STTQSDVWSI	370	138
>ROS1-F213(FTTQSDVW	13	>ROS1-F213(STTQSDVW	20	7
>ROS1-F213(FTTQSDVWSI	41	>ROS1-F213(STTQSDVWSI	129	88
>ROS1-F213(FTTQSDVWSI	59	>ROS1-F213(STTQSDVWSI	77	18
>ROS1-F213(FTTQSDVW	128	>ROS1-F213(STTQSDVW	854	726
>ROS1-F213(FTTQSDVWSI	43	>ROS1-F213(STTQSDVWSI	42	1
>ROS1-F213(FTTQSDVW	48	>ROS1-F213(STTQSDVW	1319	1271
>ROS1-F213(FTTQSDVW	332	>ROS1-F213(STTQSDVW	6735	6403
>ROS1-F213(IFTTQSDVWS	318	>ROS1-F213(ISTTQSDVWS	6349	6031
>ROS1-F213(IFTTQSDVWS	265	>ROS1-F213(ISTTQSDVWS	2585	2320
>ROS1-F213(IFTTQSDVWS	24	>ROS1-F213(ISTTQSDVWS	2869	2845
>ROS1-F213(IFTTQSDVWS	650	>ROS1-F213(ISTTQSDVWS	35	615
>ROS1-F213(IFTTQSDVW	11017	>ROS1-F213(ISTTQSDVW	10	11007
>ROS1-F213(IFTTQSDVWS	19464	>ROS1-F213(ISTTQSDVWS	9	19455
>ROS1-F213(IFTTQSDVW	12697	>ROS1-F213(ISTTQSDVW	60	12637
>ROS1-F213(IFTTQSDVWS	20755	>ROS1-F213(ISTTQSDVWS	177	20578

>ROS1-F213EIFTTQSDVW	384	>ROS1-F213EISTTQSDVW	11	373
>ROS1-F213EIFTTQSDVWS	3026	>ROS1-F213EISTTQSDVWS	35	2991
>ROS1-F213EIFTTQSDVWS	14385	>ROS1-F213EISTTQSDVWS	398	13987
>ROS1-F213EIFTTQSDVWS	4252	>ROS1-F213EISTTQSDVWS	291	3961
>ROS1-F213EIFTTQSDVW	713	>ROS1-F213EISTTQSDVW	51	662
>ROS1-F213EIMAPESLMDC	462	>ROS1-F213EIMAPESLMDC	23324	22862
>ROS1-F213EIMAPESLMDC	63	>ROS1-F213EIMAPESLMDC	5773	5710
>ROS1-F213EIMAPESLMDC	47	>ROS1-F213EIMAPESLMDC	3228	3181
>ROS1-F213EIMAPESLMDC	189	>ROS1-F213EIMAPESLMDC	14109	13920
>ROS1-F213EIGFTTQSDV	79	>ROS1-F213EIGSTTQSDV	136	57
>ROS1-F213EIGFTTQSDV	186	>ROS1-F213EIGSTTQSDV	2726	2540
>ROS1-F213EIGFTTQSDV	364	>ROS1-F213EIGSTTQSDV	1474	1110
>ROS1-F213EIGFTTQSDV	50	>ROS1-F213EIGSTTQSDV	456	406
>ROS1-F213EIGFTTQSDV	16	>ROS1-F213EIGSTTQSDV	32	16
>ROS1-F213EIGFTTQSDVM	127	>ROS1-F213EIGSTTQSDVM	175	48
>ROS1-F213EIMDGIFTTQSL	345	>ROS1-F213EIMDGISTTQSL	216	129
>ROS1-F213EIMDGIFTT	80	>ROS1-F213EIMDGISTT	725	645
>ROS1-F213EIMDGIFTT	184	>ROS1-F213EIMDGISTT	411	227
>ROS1-F213EIMDGIFTTQ	288	>ROS1-F213EIMDGISTTQ	381	93
>ROS1-F213EIMDGIFTT	137	>ROS1-F213EIMDGISTT	1000	863
>ROS1-F213EIMDGIFTT	11	>ROS1-F213EIMDGISTT	18	7
>ROS1-F213EIMDGIFTTQ	275	>ROS1-F213EIMDGISTTQ	318	43
>ROS1-F213EIMDGIFTTQS	208	>ROS1-F213EIMDGISTTQS	358	150
>ROS1-F213EIMDGIFTT	163	>ROS1-F213EIMDGISTT	393	230
>ROS1-F213EIMDGIFTT	48	>ROS1-F213EIMDGISTT	120	72
>ROS1-F213EIMDGIFTTQ	810	>ROS1-F213EIMDGISTTQ	468	342
>ROS1-F213EIMDGIFTT	73	>ROS1-F213EIMDGISTT	205	132
>ROS1-F213EIMDGIFTT	11	>ROS1-F213EIMDGISTT	17	6
>ROS1-F213EIMDGIFTTQ	21	>ROS1-F213EIMDGISTTQ	30	9
>ROS1-F213EIMDGIFTTQS	212	>ROS1-F213EIMDGISTTQS	255	43
>ROS1-F213EISLMDGIFT	19	>ROS1-F213EISLMDGIST	36	17
>ROS1-F213EISLMDGIFTT	8	>ROS1-F213EISLMDGISTT	23	15
>ROS1-F213EISLMDGIFTTQ	302	>ROS1-F213EISLMDGISTTQ	961	659
>ROS1-F213EISLMDGIFTTQ	93	>ROS1-F213EISLMDGISTTQ	310	217
>ROS1-F213EISLMDGIFT	18	>ROS1-F213EISLMDGIST	69	51
>ROS1-F213EISLMDGIFTT	13	>ROS1-F213EISLMDGISTT	41	28
>ROS1-F213EISLMDGIFTTQ	158	>ROS1-F213EISLMDGISTTQ	288	130
>ROS1-F213EISLMDGIFTTQ	29	>ROS1-F213EISLMDGISTTQ	73	44
>ROS1-F213EISLMDGIFT	30	>ROS1-F213EISLMDGIST	22	8
>ROS1-F213EISLMDGIFTT	9	>ROS1-F213EISLMDGISTT	4	5
>ROS1-F213EISLMDGIFTTQ	36	>ROS1-F213EISLMDGISTTQ	26	10
>ROS1-F213EISLMDGIFT	29	>ROS1-F213EISLMDGIST	60	31
>ROS1-F213EISLMDGIFTT	9	>ROS1-F213EISLMDGISTT	37	28



>ROS1-F213&SLMDGIFTTQ	196	>ROS1-F213&SLMDGISTTQ	371	175
>ROS1-F213&SLMDGIFT	11	>ROS1-F213&SLMDGIST	19	8
>ROS1-F213&SLMDGIFTT	3	>ROS1-F213&SLMDGISTT	5	2
>ROS1-F213&SLMDGIFTTQ	60	>ROS1-F213&SLMDGISTTQ	97	37
>ROS1-F213&SLMDGIFTTQ	52	>ROS1-F213&SLMDGISTTQ	120	68
>ROS1-F213&SLMDGIFT	42	>ROS1-F213&SLMDGIST	78	36
>ROS1-F213&SLMDGIFTT	7	>ROS1-F213&SLMDGISTT	17	10
>ROS1-F213&SLMDGIFTTQ	254	>ROS1-F213&SLMDGISTTQ	305	51
>ROS1-F213&SLMDGIFT	22	>ROS1-F213&SLMDGIST	96	74
>ROS1-F213&SLMDGIFTT	7	>ROS1-F213&SLMDGISTT	29	22
>ROS1-F213&SLMDGIFTTQ	93	>ROS1-F213&SLMDGISTTQ	145	52
>ROS1-F213&SLMDGIFTTQ	302	>ROS1-F213&SLMDGISTTQ	682	380
>ROS1-F213&SLMDGIFT	50	>ROS1-F213&SLMDGIST	136	86
>ROS1-F213&SLMDGIFTT	4	>ROS1-F213&SLMDGISTT	14	10
>ROS1-F213&SLMDGIFTTQ	457	>ROS1-F213&SLMDGISTTQ	825	368
>ROS1-F213&SLMDGIFT	7	>ROS1-F213&SLMDGIST	6	1
>ROS1-F213&SLMDGIFTT	2	>ROS1-F213&SLMDGISTT	2	0
>ROS1-F213&SLMDGIFTTQ	3	>ROS1-F213&SLMDGISTTQ	4	1
>ROS1-F213&SLMDGIFTTQ	13	>ROS1-F213&SLMDGISTTQ	15	2
>ROS1-F213&ESLMDGIF	149	>ROS1-F213&ESLMDGIS	17827	17678
>ROS1-F213&ESLMDGIF	77	>ROS1-F213&ESLMDGIS	22183	22106
>ROS1-F213&APESLMDGIF	349	>ROS1-F213&APESLMDGIS	5668	5319
>ROS1-F213&APESLMDGIF	302	>ROS1-F213&APESLMDGIS	15836	15534
>ROS1-F213&APESLMDGIF	149	>ROS1-F213&APESLMDGIS	19062	18913
>ROS1-I1399 ITAKDSTQIY	37	>ROS1-I1399 VTAKDSTQIY	27	10
>ROS1-I1399 ITAKDSTQIY	229	>ROS1-I1399 VTAKDSTQIY	153	76
>ROS1-I1399 ITAKDSTQIY	136	>ROS1-I1399 VTAKDSTQIY	201	65
>ROS1-I1399 ITAKDSTQIY	81	>ROS1-I1399 VTAKDSTQIY	96	15
>ROS1-I1399 ITAKDSTQIYC	439	>ROS1-I1399 VTAKDSTQIY	1913	1474
>ROS1-I1399 ITAKDSTQI	361	>ROS1-I1399 VTAKDSTQI	636	275
>ROS1-I1399 ITAKDSTQIY	82	>ROS1-I1399 VTAKDSTQIY	45	37
>ROS1-I1399 ITAKDSTQIY	156	>ROS1-I1399 VTAKDSTQIY	217	61
>ROS1-I1399 ITAKDSTQIY	104	>ROS1-I1399 VTAKDSTQIY	236	132
>ROS1-I1399 ITAKDSTQI	42	>ROS1-I1399 VTAKDSTQI	95	53
>ROS1-I1399 ITAKDSTQIY	7	>ROS1-I1399 VTAKDSTQIY	10	3
>ROS1-I1399 ITAKDSTQIY	291	>ROS1-I1399 VTAKDSTQIY	1133	842
>ROS1-I1399 ITAKDSTQI	362	>ROS1-I1399 VTAKDSTQI	792	430
>ROS1-I1399 ITAKDSTQIY	158	>ROS1-I1399 VTAKDSTQIY	312	154
>ROS1-I1399 ITAKDSTQI	50	>ROS1-I1399 VTAKDSTQI	88	38
>ROS1-I1399 ITAKDSTQIY	86	>ROS1-I1399 VTAKDSTQIY	53	33
>ROS1-I1399 ITAKDSTQIY	356	>ROS1-I1399 VTAKDSTQIY	771	415
>ROS1-I1399 ITAKDSTQI	19	>ROS1-I1399 VTAKDSTQI	25	6
>ROS1-I1399 IITAKDSTQIY	469	>ROS1-I1399 IVTAKDSTQIY	271	198

>ROS1-I1399 IITAKDSTQIY	212	>ROS1-I1399 IVTAKDSTQIY	169	43
>ROS1-I1399 IITAKDSTQIY	287	>ROS1-I1399 IVTAKDSTQIY	110	177
>ROS1-I1399 IITAKDSTQIY	208	>ROS1-I1399 IVTAKDSTQIY	278	70
>ROS1-I1399 IITAKDSTQIY	553	>ROS1-I1399 IVTAKDSTQIY	137	416
>ROS1-I1399 IITAKDSTQIY	685	>ROS1-I1399 IVTAKDSTQIY	180	505
>ROS1-I1399 IITAKDSTQIY	470	>ROS1-I1399 IVTAKDSTQIY	127	343
>ROS1-I1399 TVDGDLIYWI	682	>ROS1-I1399 TVDGDLIYWI	116	566
>ROS1-I1399 TVDGDLIYWI	1371	>ROS1-I1399 TVDGDLIYWI	387	984
>ROS1-I1399 TVDGDLIYWI	83	>ROS1-I1399 TVDGDLIYWI	14	69
>ROS1-I1399 TVDGDLIYWI	595	>ROS1-I1399 TVDGDLIYWI	52	543
>ROS1-I1399 TVDGDLIYWI	1360	>ROS1-I1399 TVDGDLIYWI	92	1268
>ROS1-I1399 TVDGDLIYWI	1143	>ROS1-I1399 TVDGDLIYWI	32	1111
>ROS1-I1399 TVDGDLIYWI	1949	>ROS1-I1399 TVDGDLIYWI	49	1900
>ROS1-I1399 TVDGDLIYWI	1387	>ROS1-I1399 TVDGDLIYWI	20	1367
>ROS1-I1399 TVDGDLIYWI	729	>ROS1-I1399 TVDGDLIYWI	196	533
>ROS1-I1399 TVDGDLIYWI	151	>ROS1-I1399 TVDGDLIYWI	25	126
>ROS1-I1399 WIITAKDSTQ	276	>ROS1-I1399 WIVTAKDSTC	524	248
>ROS1-I1399 WIITAKDSTQ	188	>ROS1-I1399 WIVTAKDSTC	304	116
>ROS1-I1399 WIITAKDSTQ	240	>ROS1-I1399 WIVTAKDSTC	438	198
>ROS1-I1399 IYWIITAK	192	>ROS1-I1399 IYWIVTAK	259	67
>ROS1-I1399 IYWIITAK	52	>ROS1-I1399 IYWIVTAK	80	28
>ROS1-I1399 IYWIITAK	134	>ROS1-I1399 IYWIVTAK	158	24
>ROS1-I1399 IYWIITAK	60	>ROS1-I1399 IYWIVTAK	100	40
>ROS1-I1399 LIYWIITA	67	>ROS1-I1399 LIYWIVTA	72	5
>ROS1-I1399 LIYWIITA	329	>ROS1-I1399 LIYWIVTA	213	116
>ROS1-I1399 LIYWIITA	26	>ROS1-I1399 LIYWIVTA	19	7
>ROS1-I1399 LIYWIITA	110	>ROS1-I1399 LIYWIVTA	131	21
>ROS1-I1399 LIYWIITA	5	>ROS1-I1399 LIYWIVTA	6	1
>ROS1-I1399 LIYWIITA	46	>ROS1-I1399 LIYWIVTA	48	2
>ROS1-I1399 LIYWIITA	8	>ROS1-I1399 LIYWIVTA	8	0
>ROS1-I1399 LIYWIITAK	30	>ROS1-I1399 LIYWIVTAK	31	1
>ROS1-I1399 LIYWIITAK	18	>ROS1-I1399 LIYWIVTAK	20	2
>ROS1-I1399 LIYWIITAK	90	>ROS1-I1399 LIYWIVTAK	188	98
>ROS1-I1399 LIYWIITAK	14	>ROS1-I1399 LIYWIVTAK	14	0
>ROS1-I1399 DLIYWIITA	87	>ROS1-I1399 DLIYWIVTA	100	13
>ROS1-I1399 DLIYWIITA	167	>ROS1-I1399 DLIYWIVTA	163	4
>ROS1-I1399 DLIYWIITA	509	>ROS1-I1399 DLIYWIVTA	490	19
>ROS1-I1399 DLIYWIITA	105	>ROS1-I1399 DLIYWIVTA	75	30
>ROS1-I1399 DLIYWIITAK	42	>ROS1-I1399 DLIYWIVTAK	42	0
>ROS1-I1399 DLIYWIITAK	174	>ROS1-I1399 DLIYWIVTAK	181	7
>ROS1-I1399 DLIYWIITAK	70	>ROS1-I1399 DLIYWIVTAK	54	16
>ROS1-I1399 DLIYWIITA	670	>ROS1-I1399 DLIYWIVTA	324	346
>ROS1-I1399 DLIYWIITA	413	>ROS1-I1399 DLIYWIVTA	522	109

>ROS1-I1399 GDLIYWII	152	>ROS1-I1399 GDLIYWIV	187	35
>ROS1-I1399 GDLIYWIIT	252	>ROS1-I1399 GDLIYWIVT	186	66
>ROS1-I1399 GDLIYWII	10	>ROS1-I1399 GDLIYWIV	51	41
>ROS1-I1399 GDLIYWII	21	>ROS1-I1399 GDLIYWIV	30	9
>ROS1-I1399 VDGDLIYWII	103	>ROS1-I1399 VDGDLIYWIV	626	523
>ROS1-I1399 VDGDLIYWII	45	>ROS1-I1399 VDGDLIYWIV	78	33
>ROS1-K200: KFNHPNILK	115	>ROS1-K200: RFNHPNILK	110	5
>ROS1-K200: KFNHPNILK	142	>ROS1-K200: RFNHPNILK	124	18
>ROS1-K200: KFNHPNILKQ	1335	>ROS1-K200: RFNHPNILKQ	271	1064
>ROS1-K200: KFNHPNILK	9	>ROS1-K200: RFNHPNILK	9	0
>ROS1-K200: KFNHPNILK	37	>ROS1-K200: RFNHPNILK	33	4
>ROS1-K200: KFNHPNILK	291	>ROS1-K200: RFNHPNILK	445	154
>ROS1-K200: SKFNHPNILK	692	>ROS1-K200: SRFNHPNILK	296	396
>ROS1-K200: SKFNHPNILK	598	>ROS1-K200: SRFNHPNILK	247	351
>ROS1-K200: SKFNHPNI	15	>ROS1-K200: SRFNHPNI	117	102
>ROS1-K200: SKFNHPNIL	6	>ROS1-K200: SRFNHPNIL	43	37
>ROS1-K200: SKFNHPNILK	182	>ROS1-K200: SRFNHPNILK	1227	1045
>ROS1-K200: SKFNHPNI	9981	>ROS1-K200: SRFNHPNI	112	9869
>ROS1-K200: SKFNHPNIL	12333	>ROS1-K200: SRFNHPNIL	170	12163
>ROS1-K200: SKFNHPNILK	9659	>ROS1-K200: SRFNHPNILK	109	9550
>ROS1-K200: SKFNHPNILK	14700	>ROS1-K200: SRFNHPNILK	471	14229
>ROS1-K200: SKFNHPNIL	48	>ROS1-K200: SRFNHPNIL	20	28
>ROS1-K200: SKFNHPNIL	6501	>ROS1-K200: SRFNHPNIL	300	6201
>ROS1-K200: SKFNHPNIL	344	>ROS1-K200: SRFNHPNIL	11	333
>ROS1-K200: SKFNHPNILK	474	>ROS1-K200: SRFNHPNILK	763	289
>ROS1-K200: EFLKEAHLMS	918	>ROS1-K200: EFLKEAHLMS	39	879
>ROS1-K200: EFLKEAHLMS	417	>ROS1-K200: EFLKEAHLMS	109	308
>ROS1-K200: EFLKEAHLMS	439	>ROS1-K200: EFLKEAHLMS	42	397
>ROS1-K200: MSKFNHPNII	97	>ROS1-K200: MSRFNHPNII	58	39
>ROS1-K200: MSKFNHPNII	28	>ROS1-K200: MSRFNHPNII	62	34
>ROS1-K200: MSKFNHPNI	129	>ROS1-K200: MSRFNHPNI	26	103
>ROS1-K200: MSKFNHPNI	5	>ROS1-K200: MSRFNHPNI	3	2
>ROS1-K200: MSKFNHPNII	17	>ROS1-K200: MSRFNHPNII	7	10
>ROS1-K200: MSKFNHPNII	3	>ROS1-K200: MSRFNHPNII	3	0
>ROS1-K200: MSKFNHPNII	50	>ROS1-K200: MSRFNHPNII	87	37
>ROS1-K200: MSKFNHPNII	18	>ROS1-K200: MSRFNHPNII	35	17
>ROS1-K200: MSKFNHPNI	527	>ROS1-K200: MSRFNHPNI	260	267
>ROS1-K200: MSKFNHPNII	314	>ROS1-K200: MSRFNHPNII	141	173
>ROS1-K200: MSKFNHPNI	35	>ROS1-K200: MSRFNHPNI	8	27
>ROS1-K200: MSKFNHPNII	140	>ROS1-K200: MSRFNHPNII	22	118
>ROS1-K200: MSKFNHPNII	65	>ROS1-K200: MSRFNHPNII	41	24
>ROS1-K200: MSKFNHPNI	400	>ROS1-K200: MSRFNHPNI	292	108
>ROS1-K200: LMSKFNHPNI	409	>ROS1-K200: LMSRFNHPNI	333	76

>ROS1-K200:LMSKFNHPN	178	>ROS1-K200:LMSRFNHPN	262	84
>ROS1-K200:LMSKFNHPN	59	>ROS1-K200:LMSRFNHPN	58	1
>ROS1-K200:LMSKFNHPN	7	>ROS1-K200:LMSRFNHPN	9	2
>ROS1-K200:LMSKFNHPN	73	>ROS1-K200:LMSRFNHPN	62	11
>ROS1-K200:LMSKFNHPN	30	>ROS1-K200:LMSRFNHPN	32	2
>ROS1-K200:LMSKFNHPN	589	>ROS1-K200:LMSRFNHPN	462	127
>ROS1-K200:LMSKFNHPN	17	>ROS1-K200:LMSRFNHPN	14	3
>ROS1-K200:LMSKFNHPN	87	>ROS1-K200:LMSRFNHPN	70	17
>ROS1-K200:LMSKFNHPN	63	>ROS1-K200:LMSRFNHPN	51	12
>ROS1-K200:LMSKFNHPN	55	>ROS1-K200:LMSRFNHPN	46	9
>ROS1-K200:LMSKFNHPN	63	>ROS1-K200:LMSRFNHPN	92	29
>ROS1-K200:LMSKFNHPN	358	>ROS1-K200:LMSRFNHPN	522	164
>ROS1-K200:LMSKFNHPN	70	>ROS1-K200:LMSRFNHPN	62	8
>ROS1-K200:LMSKFNHPN	527	>ROS1-K200:LMSRFNHPN	446	81
>ROS1-K200:LMSKFNHPN	11	>ROS1-K200:LMSRFNHPN	8	3
>ROS1-K200:LMSKFNHPN	21	>ROS1-K200:LMSRFNHPN	14	7
>ROS1-K200:LMSKFNHPN	410	>ROS1-K200:LMSRFNHPN	377	33
>ROS1-K200:LMSKFNHPN	101	>ROS1-K200:LMSRFNHPN	106	5
>ROS1-K200:LMSKFNHPN	47	>ROS1-K200:LMSRFNHPN	49	2
>ROS1-K200:LMSKFNHPN	410	>ROS1-K200:LMSRFNHPN	708	298
>ROS1-K200:HLMSKFNHPN	52	>ROS1-K200:HLMSRFNHPN	48	4
>ROS1-K200:HLMSKFNHPN	19	>ROS1-K200:HLMSRFNHPN	19	0
>ROS1-K200:HLMSKFNHPN	19	>ROS1-K200:HLMSRFNHPN	20	1
>ROS1-K200:HLMSKFNHPN	175	>ROS1-K200:HLMSRFNHPN	123	52
>ROS1-K200:HLMSKFNHPN	50	>ROS1-K200:HLMSRFNHPN	60	10
>ROS1-K200:HLMSKFNHPN	26	>ROS1-K200:HLMSRFNHPN	32	6
>ROS1-K200:HLMSKFNHPN	173	>ROS1-K200:HLMSRFNHPN	177	4
>ROS1-K200:HLMSKFNHPN	43	>ROS1-K200:HLMSRFNHPN	72	29
>ROS1-K200:HLMSKFNHPN	27	>ROS1-K200:HLMSRFNHPN	23	4
>ROS1-K200:HLMSKFNH	261	>ROS1-K200:HLMSRFNH	128	133
>ROS1-K200:HLMSKFNHPN	413	>ROS1-K200:HLMSRFNHPN	277	136
>ROS1-K200:HLMSKFNH	471	>ROS1-K200:HLMSRFNH	308	163
>ROS1-K200:HLMSKFNHPN	499	>ROS1-K200:HLMSRFNHPN	432	67
>ROS1-K200:HLMSKFNHPN	174	>ROS1-K200:HLMSRFNHPN	172	2
>ROS1-K200:HLMSKFNHPN	428	>ROS1-K200:HLMSRFNHPN	193	235
>ROS1-K200:HLMSKFNHPN	152	>ROS1-K200:HLMSRFNHPN	120	32
>ROS1-K200:HLMSKFNHPN	735	>ROS1-K200:HLMSRFNHPN	484	251
>ROS1-K200:EAHLMSKF	641	>ROS1-K200:EAHLMSRF	404	237
>ROS1-K200:EAHLMSKF	50	>ROS1-K200:EAHLMSRF	47	3
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>ROS1-K200:KEAHLMSKF	176	>ROS1-K200:KEAHLMSRF	165	11
>ROS1-K200:KEAHLMSKF	137	>ROS1-K200:KEAHLMSRF	120	17
>ROS1-K200:KEAHLMSKF	59	>ROS1-K200:KEAHLMSRF	35	24

>ROS1-K200:KEAHLMSKF	21	>ROS1-K200:KEAHLMSRF	25	4
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>ROS1-K200:LKEAHLMSKF	38	>ROS1-K200:LKEAHLMSRF	56	18
>ROS1-K200:FLKEAHLMSK	753	>ROS1-K200:FLKEAHLMSR	428	325
>ROS1-K200:FLKEAHLMSK	328	>ROS1-K200:FLKEAHLMSR	313	15
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>ROS1-K200:FLKEAHLMSK	60	>ROS1-K200:FLKEAHLMSR	1045	985
>ROS1-K200:FLKEAHLMSK	189	>ROS1-K200:FLKEAHLMSR	2690	2501
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>ROS1-K200:FLKEAHLMSK	7155	>ROS1-K200:FLKEAHLMSR	292	6863
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>ROS1-K200:FLKEAHLMSK	67	>ROS1-K200:FLKEAHLMSR	43	24
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>ROS1-K200:FLKEAHLMSK	23	>ROS1-K200:FLKEAHLMSR	32	9
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>ROS1-N149:EVNDRKNSS[	297	>ROS1-N149:EVDDRKNSS[	4076	3779
>ROS1-N149:YAEVNDRK	200	>ROS1-N149:YAEVDDRK	337	137
>ROS1-N149:YYAEVNDR	443	>ROS1-N149:YYAEVDDR	473	30
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>ROS1-N149:LVYYAEVNDR	149	>ROS1-N149:LVYYAEVDDR	398	249
>ROS1-N149:LVYYAEVNDR	94	>ROS1-N149:LVYYAEVDDR	186	92
>ROS1-N149:LVYYAEVNDR	284	>ROS1-N149:LVYYAEVDDR	1252	968
>ROS1-N149:LVYYAEVNDR	38	>ROS1-N149:LVYYAEVDDR	38	0
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>ROS1-N149:YLVYYAEVND	37	>ROS1-N149:YLVYYAEVDD	40	3
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>ROS1-Q865:QSTGDTTI	237	>ROS1-Q865:HSTGDTTI	312	75
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>ROS1-Q865:QSTGDTTITE[	108	>ROS1-Q865:HSTGDTTITE[	112	4
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>ROS1-Q865:GQSTGDTTI	1773	>ROS1-Q865:GHSTGDTTI	263	1510

>ROS1-Q865 GQSTGDTTI	303	>ROS1-Q865 GHSTGDTTI	23504	23201
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>ROS1-Q865 YTAVLRGQS	703	>ROS1-Q865 YTAVLRGHS	366	337
>ROS1-Q865 YTAVLRGQST	456	>ROS1-Q865 YTAVLRGHST	257	199
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>ROS1-S370\SSISIDWLY	63	>ROS1-S370\YSISIDWLY	624	561
>ROS1-S370\SSISIDWLYQF	40	>ROS1-S370\YSISIDWLYQF	328	288
>ROS1-S370\SSISIDWLY	276	>ROS1-S370\YSISIDWLY	69	207
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>ROS1-S370\SSISIDWLY	107	>ROS1-S370\YSISIDWLY	44	63
>ROS1-S370\SSISIDWLY	7	>ROS1-S370\YSISIDWLY	5	2
>ROS1-S370\SSISIDWLY	7	>ROS1-S370\YSISIDWLY	13	6
>ROS1-S370\SSISIDWLYQF	13	>ROS1-S370\YSISIDWLYQF	18	5
>ROS1-S370\SSISIDWLYQF	171	>ROS1-S370\YSISIDWLYQF	36	135
>ROS1-S370\SSISIDWLY	87	>ROS1-S370\YSISIDWLY	26	61
>ROS1-S370\SSISIDWLYQF	6	>ROS1-S370\YSISIDWLYQF	3	3
>ROS1-S370\SSISIDWL	156	>ROS1-S370\YSISIDWL	89	67
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>ROS1-S370\SSISIDWL	131	>ROS1-S370\YSISIDWL	30	101
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>ROS1-S370\SSISIDWLY	466	>ROS1-S370\YSISIDWLY	30	436
>ROS1-S370\SSISIDWLY	153	>ROS1-S370\YSISIDWLY	117	36
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>ROS1-S370\SSISIDWLY	56	>ROS1-S370\YSISIDWLY	30	26
>ROS1-S370\SSISIDWLY	262	>ROS1-S370\YSISIDWLY	142	120
>ROS1-S370\SSISIDWLYQF	182	>ROS1-S370\YSISIDWLYQF	743	561
>ROS1-S370\SSISIDWLYQF	248	>ROS1-S370\YSISIDWLYQF	209	39
>ROS1-S370\SSISIDWL	355	>ROS1-S370\YSISIDWL	714	359
>ROS1-S370\ISSISIDWL	14340	>ROS1-S370\IYSISIDWL	74	14266
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>ROS1-S370\ISSISIDWLY	167	>ROS1-S370\IYSISIDWLY	11820	11653
>ROS1-S370\ISSISIDW	21704	>ROS1-S370\IYSISIDW	455	21249
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>ROS1-S370\ISSISIDW	13575	>ROS1-S370\IYSISIDW	263	13312
>ROS1-S370\ISSISIDWLY	23761	>ROS1-S370\IYSISIDWLY	235	23526
>ROS1-S370\ISSISIDW	22474	>ROS1-S370\IYSISIDW	68	22406
>ROS1-S370\ISSISIDWL	19157	>ROS1-S370\IYSISIDWL	21	19136
>ROS1-S370\ISSISIDWLY	17	>ROS1-S370\IYSISIDWLY	8	9
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>ROS1-S370\ISSISIDWLY	107	>ROS1-S370\IYSISIDWLY	1466	1359
>ROS1-S370\ISSISIDWLY	209	>ROS1-S370\IYSISIDWLY	71	138
>ROS1-S370\ISSISIDW	5	>ROS1-S370\IYSISIDW	4041	4036
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>ROS1-S370\ISSISIDWLY	6	>ROS1-S370\IYSISIDWLY	12646	12640
>ROS1-S370\ISSISIDW	42	>ROS1-S370\IYSISIDW	13046	13004
>ROS1-S370\ISSISIDWLY	120	>ROS1-S370\IYSISIDWLY	19934	19814
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>ROS1-S370\ISSISIDWLY	41	>ROS1-S370\IYSISIDWLY	11932	11891
>ROS1-S370\ISSISIDWL	40	>ROS1-S370\IYSISIDWL	5391	5351
>ROS1-S370\ISSISIDWL	477	>ROS1-S370\IYSISIDWL	11448	10971
>ROS1-S370\ISSISIDWLY	46	>ROS1-S370\IYSISIDWLY	6867	6821
>ROS1-S370\RIFYRGSLIS	9783	>ROS1-S370\RIFYRGSLIY	64	9719
>ROS1-S370\RIFYRGSLIS	12612	>ROS1-S370\RIFYRGSLIY	117	12495
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>ROS1-S370\RIFYRGSLIS	989	>ROS1-S370\RIFYRGSLIY	373	616
>ROS1-S370\RIFYRGSLIS	17792	>ROS1-S370\RIFYRGSLIY	81	17711
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>ROS1-S370\LISSISIDWLY	91	>ROS1-S370\LIYSISIDWLY	794	703
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>ROS1-S370\LISSISIDWL	265	>ROS1-S370\LIYSISIDWL	114	151
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>ROS1-V166\VPENTSLQF	38	>ROS1-V166\IPENTSLQF	29	9
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>ROS1-V166\VPENTSLQF	38	>ROS1-V166\IPENTSLQF	19	19
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>ROS1-V166(YSLVPENTSL	15	>ROS1-V166(YSLIPENTSL	10	5
>ROS1-V166(YSLVPENTSL	196	>ROS1-V166(YSLIPENTSL	132	64
>ROS1-V166(YSLVPENTSLQ	197	>ROS1-V166(YSLIPENTSLQ	246	49
>ROS1-V166(YSLVPENTSL	192	>ROS1-V166(YSLIPENTSL	306	114
>ROS1-V166(PYSLVPENTSI	306	>ROS1-V166(PYSLIPENTSL	357	51
>ROS1-V166(PYSLVPENTSI	459	>ROS1-V166(PYSLIPENTSL	550	91
>ROS1-V166(TPEKPYSLV	2587	>ROS1-V166(TPEKPYSLI	319	2268
>ROS1-V166(NTPEKPYSLV	466	>ROS1-V166(NTPEKPYSLI	1642	1176
>ROS1-V166(NTPEKPYSLV	266	>ROS1-V166(NTPEKPYSLI	2744	2478
>ROS1-V166(NTPEKPYSLV	30	>ROS1-V166(NTPEKPYSLI	71	41
>ROS1-V166(NTPEKPYSLV	78	>ROS1-V166(NTPEKPYSLI	561	483
>ROS1-V166(NTPEKPYSLV	40	>ROS1-V166(NTPEKPYSLI	22	18
>ROS1-V166(NTPEKPYSLV	5948	>ROS1-V166(NTPEKPYSLI	86	5862
>ROS1-Y419(YNGYVFYL	282	>ROS1-Y419(HNGYVFYL	1778	1496
>ROS1-Y419(YNGYVFYLL	258	>ROS1-Y419(HNGYVFYLL	1444	1186
>ROS1-Y419(YNGYVFYLLR	133	>ROS1-Y419(HNGYVFYLLR	231	98
>ROS1-Y419(YNGYVFYLLR	328	>ROS1-Y419(HNGYVFYLLR	414	86
>ROS1-Y419(YNGYVFYLL	384	>ROS1-Y419(HNGYVFYLL	246	138
>ROS1-Y419(YNGYVFYLL	406	>ROS1-Y419(HNGYVFYLL	5590	5184
>ROS1-Y419(YNGYVFYLLR	114	>ROS1-Y419(HNGYVFYLLR	46	68
>ROS1-Y419(SYNGYVFYL	16	>ROS1-Y419(SHNGYVFYL	97	81
>ROS1-Y419(SYNGYVFYL	289	>ROS1-Y419(SHNGYVFYL	2620	2331
>ROS1-Y419(SYNGYVFYL	38	>ROS1-Y419(SHNGYVFYL	347	309
>ROS1-Y419(SYNGYVFYL	225	>ROS1-Y419(SHNGYVFYL	3436	3211
>ROS1-Y419(SYNGYVFYL	262	>ROS1-Y419(SHNGYVFYL	3949	3687
>ROS1-Y419(SYNGYVFYLL	232	>ROS1-Y419(SHNGYVFYLL	4823	4591
>ROS1-Y419(SYNGYVFYLL	13	>ROS1-Y419(SHNGYVFYLL	720	707
>ROS1-Y419(SYNGYVFYL	201	>ROS1-Y419(SHNGYVFYL	7763	7562
>ROS1-Y419(SYNGYVFYLL	33	>ROS1-Y419(SHNGYVFYLL	2283	2250
>ROS1-Y419(SYNGYVFY	232	>ROS1-Y419(SHNGYVFY	20537	20305
>ROS1-Y419(SYNGYVFYL	10	>ROS1-Y419(SHNGYVFYL	5197	5187
>ROS1-Y419(SYNGYVFYLL	13	>ROS1-Y419(SHNGYVFYLL	8275	8262
>ROS1-Y419(SYNGYVFY	18	>ROS1-Y419(SHNGYVFY	126	108
>ROS1-Y419(SYNGYVFYLL	252	>ROS1-Y419(SHNGYVFYLL	8016	7764
>ROS1-Y419(SYNGYVFY	55	>ROS1-Y419(SHNGYVFY	241	186
>ROS1-Y419(SYNGYVFYL	185	>ROS1-Y419(SHNGYVFYL	11065	10880

>ROS1-Y419F SYNGYVFYLLI	9	>ROS1-Y419F SHNGYVFYLL	267	258
>ROS1-Y419F SYNGYVFYLLI	58	>ROS1-Y419F SHNGYVFYLL	7329	7271
>ROS1-Y419F SYNGYVFYLLI	187	>ROS1-Y419F SHNGYVFYLL	855	668
>ROS1-Y419F SYNGYVFY	65	>ROS1-Y419F SHNGYVFY	511	446
>ROS1-Y419F SYNGYVFY	4033	>ROS1-Y419F SHNGYVFY	480	3553
>ROS1-Y419F SYNGYVFYL	3099	>ROS1-Y419F SHNGYVFYL	48	3051
>ROS1-Y419F SYNGYVFYLL	1867	>ROS1-Y419F SHNGYVFYLL	31	1836
>ROS1-Y419F SYNGYVFY	151	>ROS1-Y419F SHNGYVFY	1607	1456
>ROS1-Y419F SYNGYVFYLLI	447	>ROS1-Y419F SHNGYVFYLL	1623	1176
>ROS1-Y419F SYNGYVFYLLI	19	>ROS1-Y419F SHNGYVFYLL	173	154
>ROS1-Y419F SYNGYVFYL	130	>ROS1-Y419F SHNGYVFYL	1007	877
>ROS1-Y419F SYNGYVFYLL	45	>ROS1-Y419F SHNGYVFYLL	888	843
>ROS1-Y419F SYNGYVFYL	148	>ROS1-Y419F SHNGYVFYL	10568	10420
>ROS1-Y419F SYNGYVFYLL	49	>ROS1-Y419F SHNGYVFYLL	3460	3411
>ROS1-Y419F DSYNGYVFYL	121	>ROS1-Y419F DSHNGYVFYL	2106	1985
>ROS1-Y419F DSYNGYVFYL	145	>ROS1-Y419F DSHNGYVFYL	1213	1068
>ROS1-Y419F DSYNGYVFY	54	>ROS1-Y419F DSHNGYVFY	97	43
>ROS1-Y419F DSYNGYVF	392	>ROS1-Y419F DSHNGYVF	669	277
>ROS1-Y419F DSYNGYVFY	38	>ROS1-Y419F DSHNGYVFY	56	18
>ROS1-Y419F DSYNGYVFYL	443	>ROS1-Y419F DSHNGYVFYL	723	280
>ROS1-Y419F DSYNGYVFY	318	>ROS1-Y419F DSHNGYVFY	239	79
>ROS1-Y419F DSYNGYVFY	72	>ROS1-Y419F DSHNGYVFY	315	243
>ROS1-Y419F DSYNGYVFY	128	>ROS1-Y419F DSHNGYVFY	214	86
>ROS1-Y419F DSYNGYVFY	45	>ROS1-Y419F DSHNGYVFY	326	281
>ROS1-Y419F DSYNGYVFYL	68	>ROS1-Y419F DSHNGYVFYL	575	507
>ROS1-Y419F DSYNGYVFYL	65	>ROS1-Y419F DSHNGYVFYL	120	55
>ROS1-Y419F DSYNGYVFYL	50	>ROS1-Y419F DSHNGYVFYL	1035	985
>ROS1-Y419F DSYNGYVFYL	240	>ROS1-Y419F DSHNGYVFYL	4301	4061
>ROS1-Y419F DSYNGYVF	71	>ROS1-Y419F DSHNGYVF	351	280
>ROS1-Y419F DSYNGYVFY	190	>ROS1-Y419F DSHNGYVFY	1055	865
>ROS1-Y419F DSYNGYVF	46	>ROS1-Y419F DSHNGYVF	543	497
>ROS1-Y419F DSYNGYVFY	78	>ROS1-Y419F DSHNGYVFY	1248	1170
>ROS1-Y419F DSYNGYVFYL	150	>ROS1-Y419F DSHNGYVFYL	1435	1285
>ROS1-Y419F DSYNGYVF	419	>ROS1-Y419F DSHNGYVF	1144	725
>ROS1-Y419F DSYNGYVFY	394	>ROS1-Y419F DSHNGYVFY	1955	1561
>ROS1-Y419F ADSYNGYVFY	109	>ROS1-Y419F AD SHNGYVF`	175	66
>ROS1-Y419F ADSYNGYVFY	483	>ROS1-Y419F AD SHNGYVF`	891	408
>ROS1-Y419F ADSYNGYVF	250	>ROS1-Y419F AD SHNGYVF	175	75
>ROS1-Y419F ADSYNGYVFY	231	>ROS1-Y419F AD SHNGYVF`	326	95
>ROS1-Y419F ADSYNGYVFY	332	>ROS1-Y419F AD SHNGYVF`	1904	1572
>ROS1-Y419F ADSYNGYV	173	>ROS1-Y419F AD SHNGYV	83	90
>ROS1-Y419F ADSYNGYVFY	392	>ROS1-Y419F AD SHNGYVF`	152	240
>ROS1-Y419F VADSYNGY	32	>ROS1-Y419F VAD SHNGY	41	9

>ROS1-Y419F VADSYNGYVI	18	>ROS1-Y419F VADSHNGYV	25	7
>ROS1-Y419F VADSYNGYV	460	>ROS1-Y419F VADSHNGYV	1183	723
>ROS1-Y419F VADSYNGYV	36	>ROS1-Y419F VADSHNGYV	102	66
>ROS1-Y419F VADSYNGYVI	284	>ROS1-Y419F VADSHNGYV	1480	1196
>ROS1-Y419F VADSYNGYVI	512	>ROS1-Y419F VADSHNGYV	466	46
>ROS1-Y419F VADSYNGY	145	>ROS1-Y419F VADSHNGY	216	71
>ROS1-Y419F VADSYNGYVI	94	>ROS1-Y419F VADSHNGYV	159	65
>ROS1-Y419F VADSYNGYV	155	>ROS1-Y419F VADSHNGYV	384	229
>ROS1-Y419F VADSYNGY	276	>ROS1-Y419F VADSHNGY	238	38
>ROS1-Y419F VADSYNGYVI	170	>ROS1-Y419F VADSHNGYV	195	25
>ROS1-Y419F VADSYNGYVI	377	>ROS1-Y419F VADSHNGYV	517	140
>ROS1-Y419F VADSYNGY	301	>ROS1-Y419F VADSHNGY	299	2
>ROS1-Y419F VADSYNGYVI	501	>ROS1-Y419F VADSHNGYV	491	10
>ROS1-Y419F VADSYNGYVI	394	>ROS1-Y419F VADSHNGYV	1180	786
>ROS1-Y419F IVADSYNGYV	133	>ROS1-Y419F IVADSHNGYV	384	251
>ROS1-Y419F IVADSYNGYV	31	>ROS1-Y419F IVADSHNGYV	64	33
>ROS1-Y419F IVADSYNGYV	38	>ROS1-Y419F IVADSHNGYV	62	24
>ROS1-Y419F IVADSYNGYV	120	>ROS1-Y419F IVADSHNGYV	294	174
>ROS1-Y419F IVADSYNGYV	17	>ROS1-Y419F IVADSHNGYV	25	8
>ROS1-Y419F IVADSYNGYV	456	>ROS1-Y419F IVADSHNGYV	1001	545
>ROS1-Y419F IVADSYNGYV	103	>ROS1-Y419F IVADSHNGYV	211	108
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>ROS1-Y419F IVADSYNGY	473	>ROS1-Y419F IVADSHNGY	749	276
>ROS1-Y419F IVADSYNGYV	372	>ROS1-Y419F IVADSHNGYV	612	240
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>ROS1-Y419F IVADSYNGY	38	>ROS1-Y419F IVADSHNGY	314	276
>ROS1-Y419F IVADSYNGY	116	>ROS1-Y419F IVADSHNGY	80	36
>ROS1-Y419F IVADSYNGY	497	>ROS1-Y419F IVADSHNGY	236	261
>ROS1-Y419F IVADSYNGY	71	>ROS1-Y419F IVADSHNGY	45	26
>ROS1-Y419F IVADSYNGYV	499	>ROS1-Y419F IVADSHNGYV	439	60
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>ROS1-Y419F IVADSYNGY	186	>ROS1-Y419F IVADSHNGY	126	60
>ROS1-Y419F IVADSYNGYV	21	>ROS1-Y419F IVADSHNGYV	39	18
>ROS1-Y419F IVADSYNGYV	33	>ROS1-Y419F IVADSHNGYV	49	16
>ROS1-Y419F IVADSYNGY	164	>ROS1-Y419F IVADSHNGY	111	53
>ROS1-Y419F IVADSYNGYV	75	>ROS1-Y419F IVADSHNGYV	65	10
>ROS1-Y419F IVADSYNGY	561	>ROS1-Y419F IVADSHNGY	309	252
>ROS1-Y419F IVADSYNGY	468	>ROS1-Y419F IVADSHNGY	710	242
>ROS1-Y419F IVADSYNGYV	59	>ROS1-Y419F IVADSHNGYV	67	8
>ROS1-Y419F IVADSYNGY	89	>ROS1-Y419F IVADSHNGY	38	51
>ROS1-Y419F IVADSYNGYV	101	>ROS1-Y419F IVADSHNGYV	51	50
>ROS1-Y419F IVADSYNGY	198	>ROS1-Y419F IVADSHNGY	192	6

>ROS1-Y419F IVADSYNGYV	151	>ROS1-Y419F IVADSHNGYV	141	10
>ROS1-Y419F IVADSYNGYV	279	>ROS1-Y419F IVADSHNGYV	315	36
>ROS1-Y419F IVADSYNGY	242	>ROS1-Y419F IVADSHNGY	119	123
>ROS1-Y419F IVADSYNGYV	157	>ROS1-Y419F IVADSHNGYV	122	35
>ROS1-Y419F IVADSYNGYV	283	>ROS1-Y419F IVADSHNGYV	437	154
>ROS1-Y419F KIVADSYNGY	84	>ROS1-Y419F KIVADSHNGY	177	93
>ROS1-Y419F KIVADSYNGY	20	>ROS1-Y419F KIVADSHNGY	31	11
>ROS1-Y419F KIVADSYNGY	17	>ROS1-Y419F KIVADSHNGY	14	3
>ROS1-Y419F KIVADSYNGY	19	>ROS1-Y419F KIVADSHNGY	28	9
>ROS1-Y419F KIVADSYNGY	12	>ROS1-Y419F KIVADSHNGY	17	5
>ROS1-Y419F KIVADSYNGY	70	>ROS1-Y419F KIVADSHNGY	106	36
>ROS1-Y419F KIVADSYNGY	95	>ROS1-Y419F KIVADSHNGY	123	28
>ROS1-Y419F KIVADSYNGY	346	>ROS1-Y419F KIVADSHNGY	469	123
>ROS1-Y419F KIVADSYNGY	31	>ROS1-Y419F KIVADSHNGY	32	1
>ROS1-Y419F KIVADSYNGY	153	>ROS1-Y419F KIVADSHNGY	112	41
>ROS1-Y419F KIVADSYNGY	396	>ROS1-Y419F KIVADSHNGY	231	165
>ROS1-Y419F KIVADSYNGY	325	>ROS1-Y419F KIVADSHNGY	919	594
>ROS1-Y419F KIVADSYNGY	354	>ROS1-Y419F KIVADSHNGY	647	293
>ROS1-Y419F KIVADSYNGY	378	>ROS1-Y419F KIVADSHNGY	368	10
>ROS1-Y419F KIVADSYNGY	233	>ROS1-Y419F KIVADSHNGY	118	115
>ROS1-Y419F KIVADSYNGY	211	>ROS1-Y419F KIVADSHNGY	179	32
>ROS1-Y419F KIVADSYNGY	260	>ROS1-Y419F KIVADSHNGY	123	137
>ROS1-Y419F QKIVADSY	22	>ROS1-Y419F QKIVADSH	1512	1490
>ROS1-Y419F QKIVADSYNC	17	>ROS1-Y419F QKIVADSHNC	19	2
>ROS1-Y419F APQKIVADSY	18	>ROS1-Y419F APQKIVADSH	9232	9214
>RPN1-E99K- EVRETKIK	5771	>RPN1-E99K- KVRETKIK	160	5611
>RPN1-E99K- EVRETKIKGK	6126	>RPN1-E99K- KVRETKIKGK	440	5686
>RPN1-E99K- EVRETKIK	176	>RPN1-E99K- KVRETKIK	3	173
>RPN1-E99K- EVRETKIKG	7899	>RPN1-E99K- KVRETKIKG	11	7888
>RPN1-E99K- EVRETKIKGK	271	>RPN1-E99K- KVRETKIKGK	3	268
>RPN1-E99K- EVRETKIKGK!	10792	>RPN1-E99K- KVRETKIKGK!	34	10758
>RPN1-E99K- EVRETKIK	14043	>RPN1-E99K- KVRETKIK	447	13596
>RPN1-E99K- EVRETKIK	172	>RPN1-E99K- KVRETKIK	10774	10602
>RPN1-E99K- LEVRETKI	3895	>RPN1-E99K- LKVRETKI	116	3779
>RPN1-E99K- LEVRETKIK	8645	>RPN1-E99K- LKVRETKIK	485	8160
>RPN1-E99K- NLEVRETKI	2048	>RPN1-E99K- NLKVRETKI	82	1966
>RPN1-E99K- EEENNLEV	417	>RPN1-E99K- EEENNLKV	318	99
>RPN1-E99K- EEENNLEV	106	>RPN1-E99K- EEENNLKV	264	158
>RPN1-E99K- EEENNLEVRE	206	>RPN1-E99K- EEENNLKVRE	249	43
>RPN1-E99K- DEEENNLEV	420	>RPN1-E99K- DEEENNLKV	1313	893
>RPN1-E99K- DEEENNLEV	84	>RPN1-E99K- DEEENNLKV	149	65
>RPN1-E99K- EDEEENNLEV	225	>RPN1-E99K- EDEEENNLKV	260	35
>RPN1-E99K- GEDEEENNLE	299	>RPN1-E99K- GEDEEENNLK	316	17

>RPN1-E99K-GEDEEENLLE	271	>RPN1-E99K-GEDEEENLk	190	81
>RPN1-I454T IIYVRLDFSIT	460	>RPN1-I454T TIYVRLDFSIT	1015	555
>RPN1-I454T IIYVRLDFS	258	>RPN1-I454T TIYVRLDFS	392	134
>RPN1-I454T IIYVRLDFS	106	>RPN1-I454T TIYVRLDFS	164	58
>RPN1-I454T IIYVRLDFS	470	>RPN1-I454T TIYVRLDFS	467	3
>RPN1-I454T IIYVRLDFS	171	>RPN1-I454T TIYVRLDFS	217	46
>RPN1-I454T IIYVRLDFS	86	>RPN1-I454T TIYVRLDFS	442	356
>RPN1-I454T IIYVRLDFS	326	>RPN1-I454T TIYVRLDFS	723	397
>RPN1-I454T IIYVRLDFS	380	>RPN1-I454T TIYVRLDFS	1625	1245
>RPN1-I454T IIYVRLDFS	226	>RPN1-I454T TIYVRLDFS	340	114
>RPN1-I454T IIYVRLDF	100	>RPN1-I454T TIYVRLDF	549	449
>RPN1-I454T IIYVRLDF	164	>RPN1-I454T TIYVRLDF	1185	1021
>RPN1-I454T VIIYVRLDFS	165	>RPN1-I454T VTIIYVRLDFS	299	134
>RPN1-I454T VIIYVRLDF	482	>RPN1-I454T VTIIYVRLDF	367	115
>RPN1-I454T VIIYVRLDF	376	>RPN1-I454T VTIIYVRLDF	193	183
>RPN1-I454T VIIYVRLDF	230	>RPN1-I454T VTIIYVRLDF	72	158
>RPN1-I454T VIIYVRLDFS	117	>RPN1-I454T VTIIYVRLDFS	41	76
>RPN1-I454T VIIYVRLDFS	315	>RPN1-I454T VTIIYVRLDFS	57	258
>RPN1-I454T VIIYVRLDF	272	>RPN1-I454T VTIIYVRLDF	163	109
>RPN1-I454T VIIYVRLDF	6222	>RPN1-I454T VTIIYVRLDF	20	6202
>RPN1-I454T VIIYVRLDFS	12840	>RPN1-I454T VTIIYVRLDFS	132	12708
>RPN1-I454T VIIYVRLDF	2345	>RPN1-I454T VTIIYVRLDF	104	2241
>RPN1-I454T VIIYVRLDFS	976	>RPN1-I454T VTIIYVRLDFS	73	903
>RPN1-I454T VIIYVRLDF	4440	>RPN1-I454T VTIIYVRLDF	158	4282
>RPN1-I454T VIIYVRLDFS	5592	>RPN1-I454T VTIIYVRLDFS	61	5531
>RPN1-I454T AAFYILFFTVI	345	>RPN1-I454T AAFYILFFTVT	1569	1224
>RPN1-I454T AAFYILFFTVI	249	>RPN1-I454T AAFYILFFTVT	2342	2093
>RPN1-I454T AAFYILFFTVI	128	>RPN1-I454T AAFYILFFTVT	959	831
>RPN1-I454T AAFYILFFTVI	44	>RPN1-I454T AAFYILFFTVT	5344	5300
>RPN1-I454T AAFYILFFTVI	113	>RPN1-I454T AAFYILFFTVT	1872	1759
>RPN1-I454T AAFYILFFTVI	129	>RPN1-I454T AAFYILFFTVT	2529	2400
>RPN1-I454T AAFYILFFTVI	155	>RPN1-I454T AAFYILFFTVT	1183	1028
>RPN1-I454T AAFYILFFTVI	478	>RPN1-I454T AAFYILFFTVT	15793	15315
>RPN1-I454T AAFYILFFTVI	24	>RPN1-I454T AAFYILFFTVT	23162	23138
>RPN1-I454T TVIIYVRL	11	>RPN1-I454T TVTIYVRL	48	37
>RPN1-I454T TVIIYVRL	256	>RPN1-I454T TVTIYVRL	5134	4878
>RPN1-I454T TVIIYVRLDF	162	>RPN1-I454T TVTIYVRLDF	3261	3099
>RPN1-I454T TVIIYVRL	38	>RPN1-I454T TVTIYVRL	95	57
>RPN1-I454T FTVIIYVRL	220	>RPN1-I454T FTVTIYVRL	210	10
>RPN1-I454T FTVIIYVRL	928	>RPN1-I454T FTVTIYVRL	343	585
>RPN1-I454T FTVIIYVRL	66	>RPN1-I454T FTVTIYVRL	25	41
>RPN1-I454T FTVIIYVRL	890	>RPN1-I454T FTVTIYVRL	405	485
>RPN1-I454T FTVIIYVRL	171	>RPN1-I454T FTVTIYVRL	80	91

>RPN1-I454T FTVIIYVRL	291	>RPN1-I454T FTVTIYVRL	457	166
>RPN1-I454T FTVIIYVRL	475	>RPN1-I454T FTVTIYVRL	194	281
>RPN1-I454T FTVIIYVRLDF	223	>RPN1-I454T FTVTIYVRLDF	115	108
>RPN1-I454T FTVIIYVRL	2804	>RPN1-I454T FTVTIYVRL	334	2470
>RPN1-I454T FTVIIYVRLDF	1547	>RPN1-I454T FTVTIYVRLDF	202	1345
>RPN1-I454T FTVIIYVRLDF	128	>RPN1-I454T FTVTIYVRLDF	126	2
>RPN1-I454T FTVIIYVR	65	>RPN1-I454T FTVTIYVR	78	13
>RPN1-I454T FTVIIYVR	87	>RPN1-I454T FTVTIYVR	137	50
>RPN1-I454T FTVIIYVR	4	>RPN1-I454T FTVTIYVR	3	1
>RPN1-I454T FTVIIYVRL	9	>RPN1-I454T FTVTIYVRL	6	3
>RPN1-I454T FTVIIYVRL	146	>RPN1-I454T FTVTIYVRL	148	2
>RPN1-I454T FTVIIYVRLDF	142	>RPN1-I454T FTVTIYVRLDF	59	83
>RPN1-I454T FTVIIYVRL	16	>RPN1-I454T FTVTIYVRL	52	36
>RPN1-I454T FTVIIYVRLDF	8	>RPN1-I454T FTVTIYVRLDF	15	7
>RPN1-I454T FTVIIYVRLDF	457	>RPN1-I454T FTVTIYVRLDF	330	127
>RPN1-I454T FTVIIYVRL	115	>RPN1-I454T FTVTIYVRL	100	15
>RPN1-I454T FTVIIYVRL	235	>RPN1-I454T FTVTIYVRL	127	108
>RPN1-I454T FTVIIYVRLDF	208	>RPN1-I454T FTVTIYVRLDF	118	90
>RPN1-I454T FTVIIYVR	144	>RPN1-I454T FTVTIYVR	113	31
>RPN1-I454T FTVIIYVRL	450	>RPN1-I454T FTVTIYVRL	690	240
>RPN1-I454T FFTVIIYV	298	>RPN1-I454T FFTVTIYV	811	513
>RPN1-I454T FFTVIIYV	28	>RPN1-I454T FFTVTIYV	70	42
>RPN1-I454T FFTVIIYV	102	>RPN1-I454T FFTVTIYV	137	35
>RPN1-I454T FFTVIIYV	61	>RPN1-I454T FFTVTIYV	97	36
>RPN1-I454T FFTVIIYV	47	>RPN1-I454T FFTVTIYV	58	11
>RPN1-I454T FFTVIIYV	21	>RPN1-I454T FFTVTIYV	29	8
>RPN1-I454T FFTVIIYVRL	41	>RPN1-I454T FFTVTIYVRL	48	7
>RPN1-I454T FFTVIIYVR	26	>RPN1-I454T FFTVTIYVR	46	20
>RPN1-I454T FFTVIIYVR	18	>RPN1-I454T FFTVTIYVR	39	21
>RPN1-I454T FFTVIIYVR	16	>RPN1-I454T FFTVTIYVR	40	24
>RPN1-I454T FFTVIIYV	325	>RPN1-I454T FFTVTIYV	1199	874
>RPN1-I454T FFTVIIYVR	32	>RPN1-I454T FFTVTIYVR	59	27
>RPN1-I454T LFFTVIIYV	105	>RPN1-I454T LFFTVTIYV	196	91
>RPN1-I454T LFFTVIIYV	66	>RPN1-I454T LFFTVTIYV	44	22
>RPN1-I454T LFFTVIIYVRL	255	>RPN1-I454T LFFTVTIYVRL	195	60
>RPN1-I454T LFFTVIIYV	191	>RPN1-I454T LFFTVTIYV	300	109
>RPN1-I454T LFFTVIIYV	6	>RPN1-I454T LFFTVTIYV	15	9
>RPN1-I454T LFFTVIIYV	24	>RPN1-I454T LFFTVTIYV	39	15
>RPN1-I454T LFFTVIIYV	43	>RPN1-I454T LFFTVTIYV	113	70
>RPN1-I454T LFFTVIIYVRL	272	>RPN1-I454T LFFTVTIYVRL	263	9
>RPN1-I454T LFFTVIIYVRL	30	>RPN1-I454T LFFTVTIYVRL	25	5
>RPN1-I454T LFFTVIIY	23	>RPN1-I454T LFFTVTIY	22	1
>RPN1-I454T LFFTVIIY	391	>RPN1-I454T LFFTVTIY	364	27

>RPN1-I454T LFFTVIIYVR	14	>RPN1-I454T LFFTVTIYVR	18	4
>RPN1-I454T LFFTVIIYVR	68	>RPN1-I454T LFFTVTIYVR	117	49
>RPN1-I454T LFFTVIIYVR	23	>RPN1-I454T LFFTVTIYVR	45	22
>RPN1-I454T LFFTVIIYV	327	>RPN1-I454T LFFTVTIYV	286	41
>RPN1-I454T LFFTVIIY	799	>RPN1-I454T LFFTVTIY	409	390
>RPN1-I454T LFFTVIIY	344	>RPN1-I454T LFFTVTIY	227	117
>RPN1-I454T LFFTVIIY	303	>RPN1-I454T LFFTVTIY	252	51
>RPN1-I454T LFFTVIIY	192	>RPN1-I454T LFFTVTIY	226	34
>RPN1-I454T LFFTVIIYVR	24	>RPN1-I454T LFFTVTIYVR	24	0
>RPN1-I454T LFFTVIIYV	262	>RPN1-I454T LFFTVTIYV	568	306
>RPN1-I454T LFFTVIIYVRL	488	>RPN1-I454T LFFTVTIYVRL	697	209
>RPN1-I454T ILFFTVII	44	>RPN1-I454T ILFFTVTI	40	4
>RPN1-I454T ILFFTVIIYV	8	>RPN1-I454T ILFFTVTIYV	8	0
>RPN1-I454T ILFFTVII	51	>RPN1-I454T ILFFTVTI	52	1
>RPN1-I454T ILFFTVIIYV	18	>RPN1-I454T ILFFTVTIYV	15	3
>RPN1-I454T ILFFTVII	22	>RPN1-I454T ILFFTVTI	15	7
>RPN1-I454T ILFFTVIIYV	19	>RPN1-I454T ILFFTVTIYV	16	3
>RPN1-I454T ILFFTVII	382	>RPN1-I454T ILFFTVTI	419	37
>RPN1-I454T ILFFTVIIYV	50	>RPN1-I454T ILFFTVTIYV	54	4
>RPN1-I454T ILFFTVII	7	>RPN1-I454T ILFFTVTI	3	4
>RPN1-I454T ILFFTVIIYV	1	>RPN1-I454T ILFFTVTIYV	1	0
>RPN1-I454T ILFFTVII	28	>RPN1-I454T ILFFTVTI	15	13
>RPN1-I454T ILFFTVIIYV	3	>RPN1-I454T ILFFTVTIYV	4	1
>RPN1-I454T ILFFTVII	23	>RPN1-I454T ILFFTVTI	12	11
>RPN1-I454T ILFFTVIIYV	4	>RPN1-I454T ILFFTVTIYV	4	0
>RPN1-I454T ILFFTVII	56	>RPN1-I454T ILFFTVTI	20	36
>RPN1-I454T ILFFTVIIYV	2	>RPN1-I454T ILFFTVTIYV	2	0
>RPN1-I454T ILFFTVII	15	>RPN1-I454T ILFFTVTI	6	9
>RPN1-I454T ILFFTVIIYV	2	>RPN1-I454T ILFFTVTIYV	2	0
>RPN1-I454T ILFFTVIIY	91	>RPN1-I454T ILFFTVTIY	115	24
>RPN1-I454T ILFFTVIIYVR	166	>RPN1-I454T ILFFTVTIYVR	203	37
>RPN1-I454T ILFFTVIIYVR	174	>RPN1-I454T ILFFTVTIYVR	300	126
>RPN1-I454T ILFFTVIIY	35	>RPN1-I454T ILFFTVTIY	47	12
>RPN1-I454T ILFFTVIIY	79	>RPN1-I454T ILFFTVTIY	70	9
>RPN1-I454T ILFFTVIIYVR	21	>RPN1-I454T ILFFTVTIYVR	19	2
>RPN1-I454T ILFFTVII	15	>RPN1-I454T ILFFTVTI	7	8
>RPN1-I454T ILFFTVIIY	246	>RPN1-I454T ILFFTVTIY	208	38
>RPN1-I454T ILFFTVIIYV	965	>RPN1-I454T ILFFTVTIYV	498	467
>RPN1-I454T ILFFTVIIYVR	69	>RPN1-I454T ILFFTVTIYVR	88	19
>RPN1-I454T ILFFTVIIYVR	11	>RPN1-I454T ILFFTVTIYVR	14	3
>RPN1-I454T ILFFTVIIYV	163	>RPN1-I454T ILFFTVTIYV	94	69
>RPN1-I454T ILFFTVIIYV	293	>RPN1-I454T ILFFTVTIYV	237	56
>RPN1-I454T ILFFTVIIY	57	>RPN1-I454T ILFFTVTIY	111	54



>RPN1-I454T ILFFTVIIY	86	>RPN1-I454T ILFFVTIY	60	26
>RPN1-I454T ILFFTVIIY	158	>RPN1-I454T ILFFVTIY	92	66
>RPN1-I454T ILFFTVII	55	>RPN1-I454T ILFFVTI	43	12
>RPN1-I454T ILFFTVIIY	8	>RPN1-I454T ILFFVTIY	6	2
>RPN1-I454T ILFFTVIIYV	184	>RPN1-I454T ILFFVTIYV	134	50
>RPN1-I454T ILFFTVIIYVR	777	>RPN1-I454T ILFFVTIYVR	422	355
>RPN1-I454T ILFFTVIIY	486	>RPN1-I454T ILFFVTIY	261	225
>RPN1-I454T ILFFTVIIY	103	>RPN1-I454T ILFFVTIY	17	86
>RPN1-I454T ILFFTVIIY	183	>RPN1-I454T ILFFVTIY	270	87
>RPN1-I454T ILFFTVIIYVR	51	>RPN1-I454T ILFFVTIYVR	67	16
>RPN1-I454T YILFFTVI	34	>RPN1-I454T YILFFVT	568	534
>RPN1-I454T YILFFTVII	28	>RPN1-I454T YILFFVTI	19	9
>RPN1-I454T YILFFTVIIYV	7	>RPN1-I454T YILFFVTIYV	7	0
>RPN1-I454T YILFFTVI	195	>RPN1-I454T YILFFVT	1886	1691
>RPN1-I454T YILFFTVII	180	>RPN1-I454T YILFFVTI	118	62
>RPN1-I454T YILFFTVIIYV	17	>RPN1-I454T YILFFVTIYV	12	5
>RPN1-I454T YILFFTVI	80	>RPN1-I454T YILFFVT	1232	1152
>RPN1-I454T YILFFTVII	159	>RPN1-I454T YILFFVTI	80	79
>RPN1-I454T YILFFTVIIYV	17	>RPN1-I454T YILFFVTIYV	17	0
>RPN1-I454T YILFFTVI	21	>RPN1-I454T YILFFVT	158	137
>RPN1-I454T YILFFTVII	56	>RPN1-I454T YILFFVTI	34	22
>RPN1-I454T YILFFTVIIYV	6	>RPN1-I454T YILFFVTIYV	5	1
>RPN1-I454T YILFFTVI	11	>RPN1-I454T YILFFVT	282	271
>RPN1-I454T YILFFTVII	24	>RPN1-I454T YILFFVTI	4	20
>RPN1-I454T YILFFTVIIYV	2	>RPN1-I454T YILFFVTIYV	1	1
>RPN1-I454T YILFFTVI	94	>RPN1-I454T YILFFVT	5397	5303
>RPN1-I454T YILFFTVII	53	>RPN1-I454T YILFFVTI	20	33
>RPN1-I454T YILFFTVIIYV	4	>RPN1-I454T YILFFVTIYV	4	0
>RPN1-I454T YILFFTVI	79	>RPN1-I454T YILFFVT	3070	2991
>RPN1-I454T YILFFTVII	85	>RPN1-I454T YILFFVTI	23	62
>RPN1-I454T YILFFTVIIYV	5	>RPN1-I454T YILFFVTIYV	5	0
>RPN1-I454T YILFFTVI	46	>RPN1-I454T YILFFVT	1995	1949
>RPN1-I454T YILFFTVII	29	>RPN1-I454T YILFFVTI	7	22
>RPN1-I454T YILFFTVIIYV	2	>RPN1-I454T YILFFVTIYV	2	0
>RPN1-I454T YILFFTVI	73	>RPN1-I454T YILFFVT	1180	1107
>RPN1-I454T YILFFTVII	125	>RPN1-I454T YILFFVTI	18	107
>RPN1-I454T YILFFTVIIYV	2	>RPN1-I454T YILFFVTIYV	2	0
>RPN1-I454T YILFFTVIIY	157	>RPN1-I454T YILFFVTIY	171	14
>RPN1-I454T YILFFTVIIY	331	>RPN1-I454T YILFFVTIY	613	282
>RPN1-I454T YILFFTVIIY	1399	>RPN1-I454T YILFFVTIY	496	903
>RPN1-I454T YILFFTVIIY	129	>RPN1-I454T YILFFVTIY	177	48
>RPN1-I454T YILFFTVIIY	89	>RPN1-I454T YILFFVTIY	74	15
>RPN1-I454T YILFFTVIIY	267	>RPN1-I454T YILFFVTIY	187	80

>RPN1-I454T YILFFTVI	107	>RPN1-I454T YILFFTVT	6528	6421
>RPN1-I454T YILFFTVII	14	>RPN1-I454T YILFFTVTI	5	9
>RPN1-I454T YILFFTVIII	636	>RPN1-I454T YILFFTVTIY	462	174
>RPN1-I454T YILFFTVIIY	398	>RPN1-I454T YILFFTVTIY	484	86
>RPN1-I454T YILFFTVI	481	>RPN1-I454T YILFFTVT	4382	3901
>RPN1-I454T YILFFTVII	383	>RPN1-I454T YILFFTVTI	197	186
>RPN1-I454T YILFFTVIIYV	32	>RPN1-I454T YILFFTVTIYV	28	4
>RPN1-I454T YILFFTVI	37	>RPN1-I454T YILFFTVT	1371	1334
>RPN1-I454T YILFFTVII	29	>RPN1-I454T YILFFTVTI	10	19
>RPN1-I454T YILFFTVIIYV	4	>RPN1-I454T YILFFTVTIYV	3	1
>RPN1-I454T YILFFTVIII	17	>RPN1-I454T YILFFTVTIY	23	6
>RPN1-I454T YILFFTVIIY	424	>RPN1-I454T YILFFTVTIY	200	224
>RPN1-I454T YILFFTVIII	206	>RPN1-I454T YILFFTVTIY	143	63
>RPN1-I454T YILFFTVI	378	>RPN1-I454T YILFFTVT	5778	5400
>RPN1-I454T YILFFTVII	306	>RPN1-I454T YILFFTVTI	234	72
>RPN1-I454T YILFFTVIII	48	>RPN1-I454T YILFFTVTIY	33	15
>RPN1-I454T YILFFTVIIY	1059	>RPN1-I454T YILFFTVTIY	482	577
>RPN1-I454T YILFFTVIII	119	>RPN1-I454T YILFFTVTIY	195	76
>RPN1-I454T YILFFTVIIY	278	>RPN1-I454T YILFFTVTIY	230	48
>RPN1-I454T FYILFFTVI	18	>RPN1-I454T FYILFFTVT	2371	2353
>RPN1-I454T FYILFFTVII	175	>RPN1-I454T FYILFFTVTI	12	163
>RPN1-I454T FYILFFTVI	402	>RPN1-I454T FYILFFTVT	2835	2433
>RPN1-I454T FYILFFTVI	170	>RPN1-I454T FYILFFTVT	1651	1481
>RPN1-I454T FYILFFTVII	549	>RPN1-I454T FYILFFTVTI	229	320
>RPN1-I454T FYILFFTVI	59	>RPN1-I454T FYILFFTVT	5632	5573
>RPN1-I454T FYILFFTVII	172	>RPN1-I454T FYILFFTVTI	171	1
>RPN1-I454T FYILFFTVI	92	>RPN1-I454T FYILFFTVT	5669	5577
>RPN1-I454T FYILFFTVII	376	>RPN1-I454T FYILFFTVTI	310	66
>RPN1-I454T FYILFFTVI	12	>RPN1-I454T FYILFFTVT	414	402
>RPN1-I454T FYILFFTVII	11	>RPN1-I454T FYILFFTVTI	8	3
>RPN1-I454T FYILFFTVIII	282	>RPN1-I454T FYILFFTVTIY	421	139
>RPN1-I454T FYILFFTVIIY	691	>RPN1-I454T FYILFFTVTIY	322	369
>RPN1-I454T FYILFFTVIII	361	>RPN1-I454T FYILFFTVTIY	564	203
>RPN1-I454T FYILFFTVIIY	16	>RPN1-I454T FYILFFTVTIY	18	2
>RPN1-I454T FYILFFTVII	2212	>RPN1-I454T FYILFFTVTI	346	1866
>RPN1-I454T FYILFFTVIII	327	>RPN1-I454T FYILFFTVTIY	542	215
>RPN1-I454T FYILFFTVIIY	205	>RPN1-I454T FYILFFTVTIY	131	74
>RPN1-I454T AFYILFFTVII	172	>RPN1-I454T AFYILFFTVTI	81	91
>RPN1-I454T AFYILFFTVII	554	>RPN1-I454T AFYILFFTVTI	225	329
>RPN1-I454T AFYILFFTVI	63	>RPN1-I454T AFYILFFTVT	6568	6505
>RPN1-I454T AFYILFFTVII	63	>RPN1-I454T AFYILFFTVTI	25	38
>RPN1-I454T AFYILFFTVII	175	>RPN1-I454T AFYILFFTVTI	34	141
>RPN1-I454T AFYILFFTVI	79	>RPN1-I454T AFYILFFTVT	348	269

>RPN1-I454T AFYILFFTVI	355	>RPN1-I454T AFYILFFTVT	3217	2862
>RUNX1-A14 ATAAMKNQ\	172	>RUNX1-A14 DTAAMKNQ\	8953	8781
>RUNX1-A14 ATAAMKNQ\	74	>RUNX1-A14 DTAAMKNQ\	7369	7295
>RUNX1-A14 ATAAMKNQ\	212	>RUNX1-A14 DTAAMKNQ\	11367	11155
>RUNX1-A14 ATAAMKNQ\	25	>RUNX1-A14 DTAAMKNQ\	683	658
>RUNX1-A14 ATAAMKNQ\	3549	>RUNX1-A14 DTAAMKNQ\	44	3505
>RUNX1-A14 ATAAMKNQ\	14	>RUNX1-A14 DTAAMKNQ\	3	11
>RUNX1-A14 ATAAMKNQ\	26	>RUNX1-A14 DTAAMKNQ\	9	17
>RUNX1-A14 ATAAMKNQ\	218	>RUNX1-A14 DTAAMKNQ\	119	99
>RUNX1-A14 ATAAMKNQ\	506	>RUNX1-A14 DTAAMKNQ\	22	484
>RUNX1-A14 ATAAMKNQ\	390	>RUNX1-A14 DTAAMKNQ\	5659	5269
>RUNX1-A14 ATAAMKNQ\	156	>RUNX1-A14 DTAAMKNQ\	1291	1135
>RUNX1-A14 NATAAMKNC	242	>RUNX1-A14 NDTAAMKNC	12209	11967
>RUNX1-A14 NATAAMKNC	32298	>RUNX1-A14 NDTAAMKNC	373	31925
>RUNX1-A14 RNATAAMK	495	>RUNX1-A14 RNDTAAMK	5638	5143
>RUNX1-A14 LRNATAAM	83	>RUNX1-A14 LRNDTAAM	160	77
>RUNX1-A14 LRNATAAM	166	>RUNX1-A14 LRNDTAAM	352	186
>RUNX1-A14 LRNATAAMK	96	>RUNX1-A14 LRNDTAAMK	190	94
>RUNX1-A14 LRNATAAM	95	>RUNX1-A14 LRNDTAAM	202	107
>RUNX1-A14 ELRNATAAM	117	>RUNX1-A14 ELRNDTAAM	767	650
>RUNX1-A14 ELRNATAAM	47	>RUNX1-A14 ELRNDTAAM	85	38
>RUNX1-A14 ELRNATAAM	206	>RUNX1-A14 ELRNDTAAM	70	136
>RUNX1-A14 ELRNATAAM	25	>RUNX1-A14 ELRNDTAAM	32	7
>RUNX1-A14 ELRNATAAM	165	>RUNX1-A14 ELRNDTAAM	1364	1199
>RUNX1-A14 ELRNATAAM	375	>RUNX1-A14 ELRNDTAAM	946	571
>RUNX1-A14 ELRNATAAM	422	>RUNX1-A14 ELRNDTAAM	583	161
>RUNX1-A14 ELRNATAAM	81	>RUNX1-A14 ELRNDTAAM	201	120
>RUNX1-A14 ELRNATAAM	293	>RUNX1-A14 ELRNDTAAM	508	215
>RUNX1-A14 ELRNATAAM	374	>RUNX1-A14 ELRNDTAAM	772	398
>RUNX1-A14 ELRNATAAM	206	>RUNX1-A14 ELRNDTAAM	391	185
>RUNX1-A14 AELRNATAAM	344	>RUNX1-A14 AELRNDTAAM	1974	1630
>RUNX1-A14 AELRNATAAM	133	>RUNX1-A14 AELRNDTAAM	351	218
>RUNX1-A14 AELRNATA	443	>RUNX1-A14 AELRNDTA	241	202
>RUNX1-A14 AELRNATAA	77	>RUNX1-A14 AELRNDTAA	70	7
>RUNX1-A14 AELRNATAAM	247	>RUNX1-A14 AELRNDTAAM	517	270
>RUNX1-A14 AELRNATAAM	175	>RUNX1-A14 AELRNDTAAM	420	245
>RUNX1-A14 AELRNATA	10	>RUNX1-A14 AELRNDTA	17	7
>RUNX1-A14 AELRNATAA	6	>RUNX1-A14 AELRNDTAA	12	6
>RUNX1-A14 AELRNATAAM	441	>RUNX1-A14 AELRNDTAAM	927	486
>RUNX1-A14 AELRNATAAM	12	>RUNX1-A14 AELRNDTAAM	25	13
>RUNX1-A14 SAELRNATAA	495	>RUNX1-A14 SAELRNDTAA	1730	1235
>RUNX1-A14 SAELRNATAA	199	>RUNX1-A14 SAELRNDTAA	228	29
>RUNX1-A14 YSAELRNATA	493	>RUNX1-A14 YSAELRNDTA	922	429

>RUNX1-A14 YSAELRNATA	345	>RUNX1-A14 YSAELRNDTA	665	320
>RUNX1-A14 YSAELRNA	456	>RUNX1-A14 YSAELRND	15559	15103
>RUNX1-A14 YSAELRNATA	201	>RUNX1-A14 YSAELRNDTA	414	213
>RUNX1-A14 YSAELRNATA	92	>RUNX1-A14 YSAELRNDTA	129	37
>RUNX1-A60 APDAGAAL	98	>RUNX1-A60 VPDAGAAL	84	14
>RUNX1-A60 APDAGAAL	31	>RUNX1-A60 VPDAGAAL	31	0
>RUNX1-A60 APDAGAAL	507	>RUNX1-A60 VPDAGAAL	181	326
>RUNX1-A60 APDAGAAL	17	>RUNX1-A60 VPDAGAAL	37	20
>RUNX1-A60 APDAGAALA	2025	>RUNX1-A60 VPDAGAALA	268	1757
>RUNX1-A60 GAPDAGAAL	1472	>RUNX1-A60 GVPDAGAAL	222	1250
>RUNX1-A60 GAPDAGAAL	4088	>RUNX1-A60 GVPDAGAAL	288	3800
>RUNX1-A60 GAPDAGAAL	10	>RUNX1-A60 GVPDAGAAL	52	42
>RUNX1-A60 GAPDAGAAL	332	>RUNX1-A60 GVPDAGAAL	2317	1985
>RUNX1-A60 GKMSEALPLC	1423	>RUNX1-A60 GKMSEALPLC	235	1188
>RUNX1-A60 PLGAPDAGA/	275	>RUNX1-A60 PLGVPDAGA/	931	656
>RUNX1-A60 PLGAPDAGA/	97	>RUNX1-A60 PLGVPDAGA/	231	134
>RUNX1-A60 LPLGAPDA	338	>RUNX1-A60 LPLGVPDA	1872	1534
>RUNX1-A60 LPLGAPDAG/	221	>RUNX1-A60 LPLGVPDAG/	424	203
>RUNX1-A60 LPLGAPDAG	118	>RUNX1-A60 LPLGVPDAG	185	67
>RUNX1-A60 LPLGAPDAG/	76	>RUNX1-A60 LPLGVPDAG/	98	22
>RUNX1-A60 LPLGAPDA	18	>RUNX1-A60 LPLGVPDA	16	2
>RUNX1-A60 LPLGAPDAG	46	>RUNX1-A60 LPLGVPDAG	42	4
>RUNX1-A60 LPLGAPDAG/	17	>RUNX1-A60 LPLGVPDAG/	12	5
>RUNX1-A60 LPLGAPDAG/	8	>RUNX1-A60 LPLGVPDAG/	8	0
>RUNX1-A60 ALPLGAPDA	1642	>RUNX1-A60 ALPLGVPDA	160	1482
>RUNX1-A60 ALPLGAPDAC	295	>RUNX1-A60 ALPLGVPDAC	150	145
>RUNX1-A60 ALPLGAPDAC	465	>RUNX1-A60 ALPLGVPDAC	267	198
>RUNX1-A60 ALPLGAPDA	173	>RUNX1-A60 ALPLGVPDA	77	96
>RUNX1-A60 ALPLGAPDAC	256	>RUNX1-A60 ALPLGVPDAC	197	59
>RUNX1-A60 ALPLGAPDA	38	>RUNX1-A60 ALPLGVPDA	17	21
>RUNX1-A60 ALPLGAPDAC	29	>RUNX1-A60 ALPLGVPDAC	23	6
>RUNX1-A60 EALPLGAPDA	177	>RUNX1-A60 EALPLGVPDA	255	78
>RUNX1-A60 SEALPLGA	209	>RUNX1-A60 SEALPLGV	18	191
>RUNX1-A60 SEALPLGA	37	>RUNX1-A60 SEALPLGV	149	112
>RUNX1-A60 SEALPLGAPD	23	>RUNX1-A60 SEALPLGVPD	24	1
>RUNX1-A60 SEALPLGAPD	707	>RUNX1-A60 SEALPLGVPD	288	419
>RUNX1-A60 MSEALPLGA	512	>RUNX1-A60 MSEALPLGV	259	253
>RUNX1-A60 MSEALPLGA	4999	>RUNX1-A60 MSEALPLGV	464	4535
>RUNX1-A60 KMSEALPLG/	52	>RUNX1-A60 KMSEALPLGV	12	40
>RUNX1-A60 KMSEALPLG/	32	>RUNX1-A60 KMSEALPLGV	10	22
>RUNX1-A60 KMSEALPLG/	26	>RUNX1-A60 KMSEALPLGV	9	17
>RUNX1-A60 KMSEALPLG/	87	>RUNX1-A60 KMSEALPLGV	31	56
>RUNX1-A60 KMSEALPLG/	8	>RUNX1-A60 KMSEALPLGV	2	6

>RUNX1-A60 KMSEALPLG/	23	>RUNX1-A60 KMSEALPLG\	3	20
>RUNX1-A60 KMSEALPLG/	14	>RUNX1-A60 KMSEALPLG\	4	10
>RUNX1-A60 KMSEALPLG/	44	>RUNX1-A60 KMSEALPLG\	2	42
>RUNX1-A60 KMSEALPLG/	21	>RUNX1-A60 KMSEALPLG\	2	19
>RUNX1-A60 KMSEALPLG/	6722	>RUNX1-A60 KMSEALPLG\	471	6251
>RUNX1-D16 DLRFVGRSGF	58	>RUNX1-D16 ELRFVGRSGR	61	3
>RUNX1-D16 DLRFVGRSGF	77	>RUNX1-D16 ELRFVGRSGR	237	160
>RUNX1-D16 DLRFVGRSGF	278	>RUNX1-D16 ELRFVGRSGR	143	135
>RUNX1-D16 NDLRFVGR	548	>RUNX1-D16 NELRFVGR	188	360
>RUNX1-D16 FNDLRFVGR	707	>RUNX1-D16 FNELRFVGR	333	374
>RUNX1-D16 RFNDLRFV	349	>RUNX1-D16 RFNELRFV	384	35
>RUNX1-D16 RFNDLRFV	400	>RUNX1-D16 RFNELRFV	413	13
>RUNX1-D16 RFNDLRFVGF	4	>RUNX1-D16 RFNELRFVGR	5	1
>RUNX1-D16 RFNDLRFVGF	60	>RUNX1-D16 RFNELRFVGR	116	56
>RUNX1-D16 RFNDLRFVGF	191	>RUNX1-D16 RFNELRFVGR	257	66
>RUNX1-D16 RFNDLRFVGF	20	>RUNX1-D16 RFNELRFVGR	27	7
>RUNX1-D16 RFNDLRFV	209	>RUNX1-D16 RFNELRFV	202	7
>RUNX1-D16 ARFNDLRF	18	>RUNX1-D16 ARFNELRF	14	4
>RUNX1-D16 ARFNDLRFV	401	>RUNX1-D16 ARFNELRFV	407	6
>RUNX1-D16 ARFNDLRF	46	>RUNX1-D16 ARFNELRF	52	6
>RUNX1-D16 ARFNDLRFV	58	>RUNX1-D16 ARFNELRFV	85	27
>RUNX1-D16 ARFNDLRFV	27	>RUNX1-D16 ARFNELRFV	31	4
>RUNX1-D16 ARFNDLRFV	416	>RUNX1-D16 ARFNELRFV	470	54
>RUNX1-D16 ARFNDLRFV	80	>RUNX1-D16 ARFNELRFV	193	113
>RUNX1-D16 ARFNDLRFV	163	>RUNX1-D16 ARFNELRFV	300	137
>RUNX1-D16 VARFNDLRFV	200	>RUNX1-D16 VARFNELRFV	165	35
>RUNX1-D16 VARFNDL	287	>RUNX1-D16 VARFNELR	165	122
>RUNX1-D16 VARFNDL	549	>RUNX1-D16 VARFNELR	418	131
>RUNX1-D16 VARFNDL	249	>RUNX1-D16 VARFNELR	232	17
>RUNX1-D16 VARFNDLRF	876	>RUNX1-D16 VARFNELRF	422	454
>RUNX1-D16 VARFNDLRF	5	>RUNX1-D16 VARFNELRF	6	1
>RUNX1-D16 QVARFNDL	775	>RUNX1-D16 QVARFNEL	74	701
>RUNX1-D16 QVARFNDLRI	105	>RUNX1-D16 QVARFNELRF	89	16
>RUNX1-D16 QVARFNDLRI	269	>RUNX1-D16 QVARFNELRF	267	2
>RUNX1-D16 QVARFNDL	3019	>RUNX1-D16 QVARFNEL	417	2602
>RUNX1-D16 QVARFNDLRI	86	>RUNX1-D16 QVARFNELRF	83	3
>RUNX1-D16 QVARFNDL	348	>RUNX1-D16 QVARFNELR	380	32
>RUNX1-D16 QVARFNDLRI	315	>RUNX1-D16 QVARFNELRF	355	40
>RUNX1-D16 QVARFNDL	525	>RUNX1-D16 QVARFNELR	166	359
>RUNX1-D16 QVARFNDLRI	464	>RUNX1-D16 QVARFNELRF	430	34
>RUNX1-D16 QVARFNDL	4	>RUNX1-D16 QVARFNELR	4	0
>RUNX1-D16 QVARFNDL	133	>RUNX1-D16 QVARFNEL	17	116
>RUNX1-D16 QVARFNDLRI	19	>RUNX1-D16 QVARFNELRF	21	2

>RUNX1-D16 QVARFNDL	2052	>RUNX1-D16 QVARFNEL	347	1705
>RUNX1-D16 QVARFNDLRF	51	>RUNX1-D16 QVARFNELRF	52	1
>RUNX1-D16 QVARFNDLR	203	>RUNX1-D16 QVARFNELR	207	4
>RUNX1-D16 NQVARFNDL	2132	>RUNX1-D16 NQVARFNEL	140	1992
>RUNX1-D16 NQVARFNDL	94	>RUNX1-D16 NQVARFNEL	10	84
>RUNX1-D16 NQVARFNDL	791	>RUNX1-D16 NQVARFNELI	372	419
>RUNX1-D16 NQVARFNDL	1171	>RUNX1-D16 NQVARFNELI	432	739
>RUNX1-D16 NQVARFNDL	92	>RUNX1-D16 NQVARFNELI	40	52
>RUNX1-D16 NQVARFNDL	527	>RUNX1-D16 NQVARFNEL	453	74
>RUNX1-D16 NQVARFNDL	123	>RUNX1-D16 NQVARFNELI	180	57
>RUNX1-D16 NQVARFNDL	460	>RUNX1-D16 NQVARFNEL	239	221
>RUNX1-D16 NQVARFNDL	73	>RUNX1-D16 NQVARFNELI	49	24
>RUNX1-D16 NQVARFNDL	115	>RUNX1-D16 NQVARFNEL	38	77
>RUNX1-D16 NQVARFNDL	1184	>RUNX1-D16 NQVARFNEL	486	698
>RUNX1-D16 NQVARFNDL	150	>RUNX1-D16 NQVARFNELI	126	24
>RUNX1-D16 KNQVARFND	146	>RUNX1-D16 KNQVARFNEI	69	77
>RUNX1-D16 KNQVARFND	337	>RUNX1-D16 KNQVARFNEI	288	49
>RUNX1-D16 MKNQVARFM	104	>RUNX1-D16 MKNQVARFM	58	46
>RUNX1-D16 MKNQVARFM	1084	>RUNX1-D16 MKNQVARFM	352	732
>RUNX1-D19 TVDGPREPR	527	>RUNX1-D19 TVGGPREPR	481	46
>RUNX1-D19 TVDGPREPR	862	>RUNX1-D19 TVGGPREPR	213	649
>RUNX1-D19 TVDGPREPR	700	>RUNX1-D19 TVGGPREPR	361	339
>RUNX1-D19 TVDGPREPR	79	>RUNX1-D19 TVGGPREPR	83	4
>RUNX1-D19 TVDGPREFR	234	>RUNX1-D19 TVGGPREPRF	268	34
>RUNX1-D19 TVDGPREPR	3108	>RUNX1-D19 TVGGPREPR	443	2665
>RUNX1-D19 ITVDGPREPR	583	>RUNX1-D19 ITVGGPREPR	306	277
>RUNX1-D19 ITVDGPREPR	462	>RUNX1-D19 ITVGGPREPR	653	191
>RUNX1-D19 ITVDGPREPR	29	>RUNX1-D19 ITVGGPREPR	20	9
>RUNX1-D19 ITVDGPREPR	37	>RUNX1-D19 ITVGGPREPR	61	24
>RUNX1-D19 KITVDGPR	84	>RUNX1-D19 KITVGGPR	39	45
>RUNX1-D19 KITVDGPREP	58	>RUNX1-D19 KITVGGPREP	29	29
>RUNX1-D19 KITVDGPR	142	>RUNX1-D19 KITVGGPR	199	57
>RUNX1-D19 KITVDGPREP	183	>RUNX1-D19 KITVGGPREP	200	17
>RUNX1-D19 AIKITVDGPR	921	>RUNX1-D19 AIKITVGGPR	301	620
>RUNX1-D19 AIKITVDGPR	207	>RUNX1-D19 AIKITVGGPR	98	109
>RUNX1-D19 RAIKITVDGPF	17	>RUNX1-D19 RAIKITVGGPF	14	3
>RUNX1-D19 RAIKITVDGPF	92	>RUNX1-D19 RAIKITVGGPF	103	11
>RUNX1-D19 RAIKITVDGPF	77	>RUNX1-D19 RAIKITVGGPF	108	31
>RUNX1-D19 TVDGPREPR	527	>RUNX1-D19 TVNGPREPR	117	410
>RUNX1-D19 TVDGPREPR	862	>RUNX1-D19 TVNGPREPR	32	830
>RUNX1-D19 TVDGPREFR	1569	>RUNX1-D19 TVNGPREPRF	254	1315
>RUNX1-D19 TVDGPREPR	700	>RUNX1-D19 TVNGPREPR	122	578
>RUNX1-D19 TVDGPREPR	79	>RUNX1-D19 TVNGPREPR	22	57

>RUNX1-D19 TVDGPREF	234	>RUNX1-D19 TVNGPREPR	86	148
>RUNX1-D19 ITVDGPREF	583	>RUNX1-D19 ITVNGPREPR	469	114
>RUNX1-D19 ITVDGPREF	462	>RUNX1-D19 ITVNGPREPR	264	198
>RUNX1-D19 ITVDGPREF	29	>RUNX1-D19 ITVNGPREPR	34	5
>RUNX1-D19 ITVDGPREF	37	>RUNX1-D19 ITVNGPREPR	58	21
>RUNX1-D19 ITVDGPREF	681	>RUNX1-D19 ITVNGPREPR	469	212
>RUNX1-D19 KITVDGPR	84	>RUNX1-D19 KITVNGPR	39	45
>RUNX1-D19 KITVDGPREF	58	>RUNX1-D19 KITVNGPREP	32	26
>RUNX1-D19 KITVDGPR	142	>RUNX1-D19 KITVNGPR	71	71
>RUNX1-D19 KITVDGPREF	183	>RUNX1-D19 KITVNGPREP	92	91
>RUNX1-D19 AIKITVDGPR	921	>RUNX1-D19 AIKITVNGPR	156	765
>RUNX1-D19 AIKITVDGPR	207	>RUNX1-D19 AIKITVNGPR	94	113
>RUNX1-D19 RAIKITVDGPF	17	>RUNX1-D19 RAIKITVNGPF	11	6
>RUNX1-D19 RAIKITVDGPF	92	>RUNX1-D19 RAIKITVNGPF	62	30
>RUNX1-D19 RAIKITVDGPF	77	>RUNX1-D19 RAIKITVNGPF	62	15
>RUNX1-D19 VDGPREPR	9793	>RUNX1-D19 VVGPREPR	134	9659
>RUNX1-D19 VDGPREPRR	10374	>RUNX1-D19 VVGPREPRR	209	10165
>RUNX1-D19 TYHRAIKITV	12609	>RUNX1-D19 TYHRAIKITVV	77	12532
>RUNX1-D19 TYHRAIKITV	4016	>RUNX1-D19 TYHRAIKITVV	304	3712
>RUNX1-D19 TVDGPREF	527	>RUNX1-D19 TVVGPREPR	282	245
>RUNX1-D19 TVDGPREF	24790	>RUNX1-D19 TVVGPREPR	474	24316
>RUNX1-D19 TVDGPREF	862	>RUNX1-D19 TVVGPREPR	117	745
>RUNX1-D19 TVDGPREF	1569	>RUNX1-D19 TVVGPREPR	418	1151
>RUNX1-D19 TVDGPREF	700	>RUNX1-D19 TVVGPREPR	202	498
>RUNX1-D19 TVDGPREF	79	>RUNX1-D19 TVVGPREPR	15	64
>RUNX1-D19 TVDGPREF	234	>RUNX1-D19 TVVGPREPR	26	208
>RUNX1-D19 TVDGPREF	3108	>RUNX1-D19 TVVGPREPR	474	2634
>RUNX1-D19 ITVDGPREF	462	>RUNX1-D19 ITVVGPREPR	277	185
>RUNX1-D19 ITVDGPREF	29	>RUNX1-D19 ITVVGPREPR	23	6
>RUNX1-D19 ITVDGPREF	37	>RUNX1-D19 ITVVGPREPR	86	49
>RUNX1-D19 KITVDGPR	84	>RUNX1-D19 KITVVGPR	24	60
>RUNX1-D19 KITVDGPREF	58	>RUNX1-D19 KITVVGPREP	21	37
>RUNX1-D19 KITVDGPR	142	>RUNX1-D19 KITVVGPR	123	19
>RUNX1-D19 KITVDGPREF	183	>RUNX1-D19 KITVVGPREP	166	17
>RUNX1-D19 AIKITVDGPR	921	>RUNX1-D19 AIKITVVGPR	196	725
>RUNX1-D19 AIKITVDGPR	207	>RUNX1-D19 AIKITVVGPR	76	131
>RUNX1-D19 RAIKITVD	23091	>RUNX1-D19 RAIKITVV	255	22836
>RUNX1-D19 RAIKITVD	27880	>RUNX1-D19 RAIKITVV	87	27793
>RUNX1-D19 RAIKITVDGPF	17	>RUNX1-D19 RAIKITVVGPF	12	5
>RUNX1-D19 RAIKITVDGPF	92	>RUNX1-D19 RAIKITVVGPF	56	36
>RUNX1-D19 RAIKITVDGPF	77	>RUNX1-D19 RAIKITVVGPF	69	8
>RUNX1-D19 HRAIKITVD	5357	>RUNX1-D19 HRAIKITVV	210	5147
>RUNX1-D19 YHRAIKITVD	18165	>RUNX1-D19 YHRAIKITVV	422	17743

>RUNX1-D75 DRSMVEVL	3984	>RUNX1-D75 YRSMVEVL	198	3786
>RUNX1-D75 DRSMVEVL	6240	>RUNX1-D75 YRSMVEVL	186	6054
>RUNX1-D75 DRSMVEVL	1616	>RUNX1-D75 YRSMVEVL	32	1584
>RUNX1-D75 GDRSMVEVL	22187	>RUNX1-D75 GYRSMVEVL	89	22098
>RUNX1-D75 GDRSMVEVL	29713	>RUNX1-D75 GYRSMVEVL	471	29242
>RUNX1-D75 GDRSMVEVL	24924	>RUNX1-D75 GYRSMVEVL	33	24891
>RUNX1-D75 GDRSMVEV	12631	>RUNX1-D75 GYRSMVEV	240	12391
>RUNX1-D75 GDRSMVEVL	12975	>RUNX1-D75 GYRSMVEVL	273	12702
>RUNX1-D75 GDRSMVEVL	345	>RUNX1-D75 GYRSMVEVL	21213	20868
>RUNX1-D75 GDRSMVEV	169	>RUNX1-D75 GYRSMVEV	11680	11511
>RUNX1-D75 GDRSMVEVL	133	>RUNX1-D75 GYRSMVEVL	13764	13631
>RUNX1-D75 GDRSMVEV	282	>RUNX1-D75 GYRSMVEV	26191	25909
>RUNX1-D75 AALAGKLRS	31593	>RUNX1-D75 AALAGKLRS	151	31442
>RUNX1-D75 AALAGKLRS	14796	>RUNX1-D75 AALAGKLRS	12	14784
>RUNX1-D75 AALAGKLRS	24533	>RUNX1-D75 AALAGKLRS	171	24362
>RUNX1-D75 RSGDRSMVE	259	>RUNX1-D75 RSGYRSMVE	75	184
>RUNX1-D75 RSGDRSMVE	540	>RUNX1-D75 RSGYRSMVE	459	81
>RUNX1-D75 RSGDRSMV	499	>RUNX1-D75 RSGYRSMV	778	279
>RUNX1-D75 RSGDRSMVE	110	>RUNX1-D75 RSGYRSMVE	206	96
>RUNX1-D75 RSGDRSMVE	20	>RUNX1-D75 RSGYRSMVE	32	12
>RUNX1-D75 RSGDRSMVE	436	>RUNX1-D75 RSGYRSMVE	358	78
>RUNX1-D75 RSGDRSMVE	153	>RUNX1-D75 RSGYRSMVE	69	84
>RUNX1-D75 RSGDRSMVE	558	>RUNX1-D75 RSGYRSMVE	297	261
>RUNX1-D75 RSGDRSMVE	291	>RUNX1-D75 RSGYRSMVE	223	68
>RUNX1-D75 LRS	838	>RUNX1-D75 LRS	312	526
>RUNX1-D75 LRS	255	>RUNX1-D75 LRS	87	168
>RUNX1-D75 LRS	691	>RUNX1-D75 LRS	219	472
>RUNX1-D75 LRS	2280	>RUNX1-D75 LRS	326	1954
>RUNX1-D75 KLRS	82	>RUNX1-D75 KLRS	33	49
>RUNX1-D75 KLRS	3916	>RUNX1-D75 KLRS	351	3565
>RUNX1-D75 KLRS	116	>RUNX1-D75 KLRS	59	57
>RUNX1-D75 KLRS	68	>RUNX1-D75 KLRS	20	48
>RUNX1-D75 KLRS	156	>RUNX1-D75 KLRS	117	39
>RUNX1-D75 KLRS	6	>RUNX1-D75 KLRS	4	2
>RUNX1-D75 KLRS	1513	>RUNX1-D75 KLRS	157	1356
>RUNX1-D75 KLRS	56	>RUNX1-D75 KLRS	8	48
>RUNX1-D75 KLRS	52	>RUNX1-D75 KLRS	11	41
>RUNX1-D75 KLRS	398	>RUNX1-D75 KLRS	129	269
>RUNX1-D75 KLRS	95	>RUNX1-D75 KLRS	57	38
>RUNX1-D75 KLRS	104	>RUNX1-D75 KLRS	106	2
>RUNX1-D75 KLRS	391	>RUNX1-D75 KLRS	925	534
>RUNX1-D75 KLRS	358	>RUNX1-D75 KLRS	29	329
>RUNX1-D75 KLRS	935	>RUNX1-D75 KLRS	214	721



>RUNX1-D75 KLRSGDRSM	442	>RUNX1-D75 KLRSGYRSM	193	249
>RUNX1-D75 GKLRSGDRSM	68	>RUNX1-D75 GKLRSGYRSM	15	53
>RUNX1-D75 GKLRSGDRSM	235	>RUNX1-D75 GKLRSGYRSM	98	137
>RUNX1-D75 AGKLRSGD	35315	>RUNX1-D75 AGKLRSGY	384	34931
>RUNX1-D75 AGKLRSGDR	3936	>RUNX1-D75 AGKLRSGYR	59	3877
>RUNX1-D75 LAGKLRSGD	34458	>RUNX1-D75 LAGKLRSGY	211	34247
>RUNX1-D75 LAGKLRSGDR	2047	>RUNX1-D75 LAGKLRSGYR	244	1803
>RUNX1-D75 LAGKLRSGD	22250	>RUNX1-D75 LAGKLRSGY	285	21965
>RUNX1-D75 LAGKLRSGD	20670	>RUNX1-D75 LAGKLRSGY	89	20581
>RUNX1-D75 LAGKLRSGDR	4371	>RUNX1-D75 LAGKLRSGYR	334	4037
>RUNX1-D75 ALAGKLRSGD	19361	>RUNX1-D75 ALAGKLRSGY	210	19151
>RUNX1-D75 ALAGKLRSGD	1822	>RUNX1-D75 ALAGKLRSGY	265	1557
>RUNX1-D75 ALAGKLRSGD	34721	>RUNX1-D75 ALAGKLRSGY	298	34423
>RUNX1-D75 ALAGKLRSGD	30870	>RUNX1-D75 ALAGKLRSGY	378	30492
>RUNX1-D75 ALAGKLRSGD	3233	>RUNX1-D75 ALAGKLRSGY	103	3130
>RUNX1-D75 ALAGKLRSGD	20327	>RUNX1-D75 ALAGKLRSGY	124	20203
>RUNX1-D75 ALAGKLRSGD	31949	>RUNX1-D75 ALAGKLRSGY	191	31758
>RUNX1-E22. ERLSELEQL	1954	>RUNX1-E22. GRLSELEQL	166	1788
>RUNX1-E22. ERLSELEQLR	161	>RUNX1-E22. GRLSELEQLR	44	117
>RUNX1-E22. ERLSELEQLRF	1264	>RUNX1-E22. GRLSELEQLRI	161	1103
>RUNX1-E22. ERLSELEQL	10149	>RUNX1-E22. GRLSELEQL	497	9652
>RUNX1-E22. SERLSELE	89	>RUNX1-E22. SGRLSELE	36442	36353
>RUNX1-E22. SERLSELEQL	395	>RUNX1-E22. SGRLSELEQL	26944	26549
>RUNX1-E22. SERLSELEQL	207	>RUNX1-E22. SGRLSELEQL	34366	34159
>RUNX1-E22. SERLSELEQL	162	>RUNX1-E22. SGRLSELEQL	34602	34440
>RUNX1-E22. QTKPGSLSFSI	1743	>RUNX1-E22. QTKPGSLSFSI	175	1568
>RUNX1-E22. FSERLSEL	662	>RUNX1-E22. FSGRLSEL	295	367
>RUNX1-E22. FSERLSELEQL	437	>RUNX1-E22. FSGRLSELEQL	190	247
>RUNX1-E22. FSERLSEL	306	>RUNX1-E22. FSGRLSEL	568	262
>RUNX1-E22. FSERLSELEQL	258	>RUNX1-E22. FSGRLSELEQL	637	379
>RUNX1-E22. SFSERLSEL	178	>RUNX1-E22. SFSGRLSEL	81	97
>RUNX1-E22. SFSERLSEL	154	>RUNX1-E22. SFSGRLSEL	214	60
>RUNX1-E22. SFSERLSEL	198	>RUNX1-E22. SFSGRLSEL	110	88
>RUNX1-E22. SFSERLSEL	214	>RUNX1-E22. SFSGRLSEL	188	26
>RUNX1-E22. LSFERLSEL	254	>RUNX1-E22. LSFSGRLSEL	163	91
>RUNX1-E22. LSFERLSEL	35	>RUNX1-E22. LSFSGRLSEL	42	7
>RUNX1-E22. LSFERLSEL	13	>RUNX1-E22. LSFSGRLSEL	6	7
>RUNX1-E22. LSFERLSEL	299	>RUNX1-E22. LSFSGRLSEL	255	44
>RUNX1-E22. LSFERLSELE	1087	>RUNX1-E22. LSFSGRLSELE	460	627
>RUNX1-E22. LSFERLSEL	375	>RUNX1-E22. LSFSGRLSEL	427	52
>RUNX1-E22. SLSFSERL	499	>RUNX1-E22. SLSFSGRL	1624	1125
>RUNX1-E22. SLSFSERLSEL	272	>RUNX1-E22. SLSFSGRLSEL	383	111
>RUNX1-E22. SLSFSERL	10	>RUNX1-E22. SLSFSGRL	24	14

>RUNX1-E22.SLSFSERLSEL	9	>RUNX1-E22.SLSFSGRLSEL	10	1
>RUNX1-E22.SLSFSERL	139	>RUNX1-E22.SLSFSGRL	49	90
>RUNX1-E22.SLSFSERLSEL	35	>RUNX1-E22.SLSFSGRLSEL	19	16
>RUNX1-E22.SLSFSERL	71	>RUNX1-E22.SLSFSGRL	105	34
>RUNX1-E22.SLSFSERLSEL	76	>RUNX1-E22.SLSFSGRLSEL	61	15
>RUNX1-E22.SLSFSERLSEL	188	>RUNX1-E22.SLSFSGRLSEL	189	1
>RUNX1-E22.SLSFSERL	118	>RUNX1-E22.SLSFSGRL	278	160
>RUNX1-E22.SLSFSERLSEL	89	>RUNX1-E22.SLSFSGRLSEL	100	11
>RUNX1-E22.SLSFSERL	378	>RUNX1-E22.SLSFSGRL	1990	1612
>RUNX1-E22.SLSFSERL	12	>RUNX1-E22.SLSFSGRL	22	10
>RUNX1-E22.SLSFSERLSEL	10	>RUNX1-E22.SLSFSGRLSEL	10	0
>RUNX1-E22.GSLSFSERL	268	>RUNX1-E22.GSLSFSGRL	230	38
>RUNX1-E22.GSLSFSER	134	>RUNX1-E22.GSLSFSGR	193	59
>RUNX1-E22.GSLSFSER	29	>RUNX1-E22.GSLSFSGR	56	27
>RUNX1-E22.GSLSFSER	215	>RUNX1-E22.GSLSFSGR	367	152
>RUNX1-E22.GSLSFSERL	74	>RUNX1-E22.GSLSFSGRL	51	23
>RUNX1-E22.GSLSFSERL	19	>RUNX1-E22.GSLSFSGRL	16	3
>RUNX1-E22.GSLSFSER	87	>RUNX1-E22.GSLSFSGR	116	29
>RUNX1-E22.GSLSFSERL	850	>RUNX1-E22.GSLSFSGRL	385	465
>RUNX1-E22.KPGSLSFSER	203	>RUNX1-E22.KPGSLSFSGR	181	22
>RUNX1-E22.KPGSLSFSERL	235	>RUNX1-E22.KPGSLSFSGR	59	176
>RUNX1-E22.KPGSLSFSER	130	>RUNX1-E22.KPGSLSFSGR	97	33
>RUNX1-F11\AFKVVALG	1460	>RUNX1-F11\ASKVVALG	432	1028
>RUNX1-F11\AFKVVALGD\	1354	>RUNX1-F11\ASKVVALGD\	394	960
>RUNX1-F11\WRCNKTLPIA	34	>RUNX1-F11\WRCNKTLPIA	6022	5988
>RUNX1-F11\WRCNKTLPIA	221	>RUNX1-F11\WRCNKTLPIA	6655	6434
>RUNX1-F11\WRCNKTLPIA	62	>RUNX1-F11\WRCNKTLPIA	4226	4164
>RUNX1-F11\IAFKVVAL	30	>RUNX1-F11\IAASKVVAL	1025	995
>RUNX1-F11\IAFKVVAL	299	>RUNX1-F11\IAASKVVAL	355	56
>RUNX1-F11\IAFKVVALGD	242	>RUNX1-F11\IAASKVVALGD	384	142
>RUNX1-F11\IAFKVVAL	290	>RUNX1-F11\IAASKVVAL	1430	1140
>RUNX1-F11\IAFKVVAL	184	>RUNX1-F11\IAASKVVAL	3236	3052
>RUNX1-F11\IAFKVVALGD	283	>RUNX1-F11\IAASKVVALGD	3179	2896
>RUNX1-F11\IAFKVVAL	404	>RUNX1-F11\IAASKVVAL	7027	6623
>RUNX1-F11\IAFKVVAL	465	>RUNX1-F11\IAASKVVAL	1599	1134
>RUNX1-F11\IAFKVVALGD	338	>RUNX1-F11\IAASKVVALGD	1099	761
>RUNX1-F11\IAFKVVAL	48	>RUNX1-F11\IAASKVVAL	399	351
>RUNX1-F11\IAFKVVAL	79	>RUNX1-F11\IAASKVVAL	463	384
>RUNX1-F11\LPIAFKVV	195	>RUNX1-F11\LPIASKVV	66	129
>RUNX1-F11\LPIAFKVVAL	37	>RUNX1-F11\LPIASKVVAL	9	28
>RUNX1-F11\LPIAFKVV	236	>RUNX1-F11\LPIASKVV	96	140
>RUNX1-F11\LPIAFKVVVA	532	>RUNX1-F11\LPIASKVVVA	114	418
>RUNX1-F11\LPIAFKVVVAL	788	>RUNX1-F11\LPIASKVVVAL	334	454

>RUNX1-F11 LPIAFKVVAL	44	>RUNX1-F11 LPIASKVVAL	26	18
>RUNX1-F11 LPIAFKVV	241	>RUNX1-F11 LPIASKVV	225	16
>RUNX1-F11 LPIAFKVV	350	>RUNX1-F11 LPIASKVV	640	290
>RUNX1-F11 LPIAFKVV	9	>RUNX1-F11 LPIASKVV	16	7
>RUNX1-F11 LPIAFKVVA	6	>RUNX1-F11 LPIASKVVA	7	1
>RUNX1-F11 LPIAFKVVALC	51	>RUNX1-F11 LPIASKVVALC	67	16
>RUNX1-F11 LPIAFKVVAL	39	>RUNX1-F11 LPIASKVVAL	41	2
>RUNX1-F11 LPIAFKVVAL	42	>RUNX1-F11 LPIASKVVAL	88	46
>RUNX1-F11 TLPIAFKV	262	>RUNX1-F11 TLPIASKV	2156	1894
>RUNX1-F11 TLPIAFKV	85	>RUNX1-F11 TLPIASKV	174	89
>RUNX1-F11 TLPIAFKVVAL	199	>RUNX1-F11 TLPIASKVVAL	170	29
>RUNX1-F11 TLPIAFKV	57	>RUNX1-F11 TLPIASKV	33	24
>RUNX1-F11 TLPIAFKVV	176	>RUNX1-F11 TLPIASKVV	219	43
>RUNX1-F11 TLPIAFKVVAL	247	>RUNX1-F11 TLPIASKVVAL	273	26
>RUNX1-F11 TLPIAFKV	83	>RUNX1-F11 TLPIASKV	1107	1024
>RUNX1-F11 TLPIAFKV	17	>RUNX1-F11 TLPIASKV	42	25
>RUNX1-F11 TLPIAFKVV	112	>RUNX1-F11 TLPIASKVV	143	31
>RUNX1-F11 TLPIAFKVVAL	198	>RUNX1-F11 TLPIASKVVAL	187	11
>RUNX1-F11 TLPIAFKV	181	>RUNX1-F11 TLPIASKV	622	441
>RUNX1-F11 TLPIAFKV	13	>RUNX1-F11 TLPIASKV	32	19
>RUNX1-F11 TLPIAFKVV	108	>RUNX1-F11 TLPIASKVV	98	10
>RUNX1-F11 TLPIAFKVVAL	559	>RUNX1-F11 TLPIASKVVAL	449	110
>RUNX1-F11 TLPIAFKV	92	>RUNX1-F11 TLPIASKV	279	187
>RUNX1-F11 TLPIAFKV	4	>RUNX1-F11 TLPIASKV	6	2
>RUNX1-F11 TLPIAFKVV	15	>RUNX1-F11 TLPIASKVV	20	5
>RUNX1-F11 TLPIAFKVVA	267	>RUNX1-F11 TLPIASKVVA	308	41
>RUNX1-F11 TLPIAFKVVAL	47	>RUNX1-F11 TLPIASKVVAL	49	2
>RUNX1-F11 TLPIAFKV	166	>RUNX1-F11 TLPIASKV	425	259
>RUNX1-F11 TLPIAFKVV	61	>RUNX1-F11 TLPIASKVV	432	371
>RUNX1-F11 TLPIAFKVVAL	40	>RUNX1-F11 TLPIASKVVAL	68	28
>RUNX1-F11 KTLPIAFKV	38	>RUNX1-F11 KTLPIASKV	1069	1031
>RUNX1-F11 KTLPIAFKV	92	>RUNX1-F11 KTLPIASKV	322	230
>RUNX1-F11 KTLPIAFKV	1467	>RUNX1-F11 KTLPIASKV	401	1066
>RUNX1-F11 KTLPIAFKVV	360	>RUNX1-F11 KTLPIASKVV	583	223
>RUNX1-F11 KTLPIAFKV	14	>RUNX1-F11 KTLPIASKV	79	65
>RUNX1-F11 KTLPIAFKVV	97	>RUNX1-F11 KTLPIASKVV	263	166
>RUNX1-F11 KTLPIAFKVV	308	>RUNX1-F11 KTLPIASKVV	789	481
>RUNX1-F11 KTLPIAFKV	10	>RUNX1-F11 KTLPIASKV	34	24
>RUNX1-F11 KTLPIAFKVV	62	>RUNX1-F11 KTLPIASKVV	102	40
>RUNX1-F11 KTLPIAFKV	39	>RUNX1-F11 KTLPIASKV	481	442
>RUNX1-F11 KTLPIAFKVV	461	>RUNX1-F11 KTLPIASKVV	853	392
>RUNX1-F11 KTLPIAFKV	15	>RUNX1-F11 KTLPIASKV	96	81
>RUNX1-F11 KTLPIAFKVV	144	>RUNX1-F11 KTLPIASKVV	250	106

>RUNX1-F11 KTLPIAFKV	47	>RUNX1-F11 KTLPIASKV	687	640
>RUNX1-F11 KTLPIAFKV	55	>RUNX1-F11 KTLPIASKV	142	87
>RUNX1-F11 KTLPIAFKVV	454	>RUNX1-F11 KTLPIASKVV	741	287
>RUNX1-F11 KTLPIAFK	38	>RUNX1-F11 KTLPIASK	50	12
>RUNX1-F11 KTLPIAFK	9	>RUNX1-F11 KTLPIASK	14	5
>RUNX1-F11 KTLPIAFK	5	>RUNX1-F11 KTLPIASK	6	1
>RUNX1-F11 KTLPIAFKV	163	>RUNX1-F11 KTLPIASKV	246	83
>RUNX1-F11 KTLPIAFKVV	117	>RUNX1-F11 KTLPIASKVV	97	20
>RUNX1-F11 KTLPIAFKVV#	59	>RUNX1-F11 KTLPIASKVV#	65	6
>RUNX1-F11 KTLPIAFK	12	>RUNX1-F11 KTLPIASK	36	24
>RUNX1-F11 KTLPIAFKV	328	>RUNX1-F11 KTLPIASKV	2486	2158
>RUNX1-F11 KTLPIAFKV	59	>RUNX1-F11 KTLPIASKV	272	213
>RUNX1-F11 KTLPIAFKVV	232	>RUNX1-F11 KTLPIASKVV	273	41
>RUNX1-F11 KTLPIAFKVV#	252	>RUNX1-F11 KTLPIASKVV#	1048	796
>RUNX1-F11 KTLPIAFK	108	>RUNX1-F11 KTLPIASK	534	426
>RUNX1-F11 KTLPIAFKV	88	>RUNX1-F11 KTLPIASKV	323	235
>RUNX1-F11 KTLPIAFKV	12	>RUNX1-F11 KTLPIASKV	82	70
>RUNX1-F11 KTLPIAFKVV	302	>RUNX1-F11 KTLPIASKVV	746	444
>RUNX1-F11 KTLPIAFKV	14	>RUNX1-F11 KTLPIASKV	9	5
>RUNX1-F11 KTLPIAFKVV	44	>RUNX1-F11 KTLPIASKVV	18	26
>RUNX1-F11 KTLPIAFKVV#	651	>RUNX1-F11 KTLPIASKVV#	326	325
>RUNX1-F11 KTLPIAFKV	400	>RUNX1-F11 KTLPIASKV	1416	1016
>RUNX1-F11 KTLPIAFKV	242	>RUNX1-F11 KTLPIASKV	2086	1844
>RUNX1-F11 KTLPIAFKV	85	>RUNX1-F11 KTLPIASKV	7	78
>RUNX1-F11 KTLPIAFKVV#	858	>RUNX1-F11 KTLPIASKVV#	409	449
>RUNX1-F11 KTLPIAFK	357	>RUNX1-F11 KTLPIASK	638	281
>RUNX1-F11 KTLPIAFK	151	>RUNX1-F11 KTLPIASK	1300	1149
>RUNX1-F11 KTLPIAFKV	199	>RUNX1-F11 KTLPIASKV	129	70
>RUNX1-F11 NKTLPIAF	33	>RUNX1-F11 NKTLPIAS	15461	15428
>RUNX1-F11 CNKTLPIAFK	83	>RUNX1-F11 CNKTLPIASK	245	162
>RUNX1-F11 CNKTLPIAF	168	>RUNX1-F11 CNKTLPIAS	23039	22871
>RUNX1-F11 RCNKTLPIAF#	282	>RUNX1-F11 RCNKTLPIAS#	805	523
>RUNX1-F11 RCNKTLPIAF#	9	>RUNX1-F11 RCNKTLPIAS#	15	6
>RUNX1-F11 RCNKTLPIAF#	155	>RUNX1-F11 RCNKTLPIAS#	914	759
>RUNX1-F11 RCNKTLPIAF	134	>RUNX1-F11 RCNKTLPIAS	12474	12340
>RUNX1-F11 RCNKTLPIAF	42	>RUNX1-F11 RCNKTLPIAS	14343	14301
>RUNX1-F16: FVGRSGRGK\$	110	>RUNX1-F16: YVGRSGRGK\$	71	39
>RUNX1-F16: FVGRSGRGK\$	188	>RUNX1-F16: YVGRSGRGK\$	165	23
>RUNX1-F16: FVGRSGRGK\$	145	>RUNX1-F16: YVGRSGRGK\$	121	24
>RUNX1-F16: FVGRSGRGK\$	791	>RUNX1-F16: YVGRSGRGK\$	205	586
>RUNX1-F16: FVGRSGRGK\$	1045	>RUNX1-F16: YVGRSGRGK\$	377	668
>RUNX1-F16: RFVGRSGRGI	115	>RUNX1-F16: RYVGRSGRGI	999	884
>RUNX1-F16: RFVGRSGRGI	115	>RUNX1-F16: RYVGRSGRGI	36	79

>RUNX1-F16:RFVGRSGR	20	>RUNX1-F16:RYVGRSGR	26	6
>RUNX1-F16:RFVGRSGRGI	74	>RUNX1-F16:RYVGRSGRGI	225	151
>RUNX1-F16:RFVGRSGRGI	406	>RUNX1-F16:RYVGRSGRGI	4076	3670
>RUNX1-F16:RFVGRSGR	42	>RUNX1-F16:RYVGRSGR	21	21
>RUNX1-F16:RFVGRSGRGI	1134	>RUNX1-F16:RYVGRSGRGI	288	846
>RUNX1-F16:NQVARFNDL	8461	>RUNX1-F16:NQVARFNDL	404	8057
>RUNX1-F16:NQVARFNDL	15415	>RUNX1-F16:NQVARFNDL	380	15035
>RUNX1-F16:NQVARFNDL	123	>RUNX1-F16:NQVARFNDL	113	10
>RUNX1-F16:NQVARFNDL	552	>RUNX1-F16:NQVARFNDL	230	322
>RUNX1-F16:NQVARFNDL	73	>RUNX1-F16:NQVARFNDL	282	209
>RUNX1-F16:LRVGRSGR	48	>RUNX1-F16:LRYVGRSGR	72	24
>RUNX1-F16:LRVGRSGRC	37	>RUNX1-F16:LRYVGRSGRC	51	14
>RUNX1-F16:LRVGRSG	281	>RUNX1-F16:LRYVGRSG	301	20
>RUNX1-F16:LRVGRSGRC	303	>RUNX1-F16:LRYVGRSGRC	328	25
>RUNX1-F16:LRVGRSGR	215	>RUNX1-F16:LRYVGRSGR	112	103
>RUNX1-F16:LRVGRSGRC	166	>RUNX1-F16:LRYVGRSGRC	89	77
>RUNX1-F16:DLRFVGRSGF	58	>RUNX1-F16:DLRYVGRSGF	126	68
>RUNX1-F16:DLRFVGRSGF	77	>RUNX1-F16:DLRYVGRSGF	84	7
>RUNX1-F16:DLRFVGRSGF	278	>RUNX1-F16:DLRYVGRSGF	586	308
>RUNX1-F16:RFNDLRFV	959	>RUNX1-F16:RFNDLRYV	373	586
>RUNX1-F16:RFNDLRFV	349	>RUNX1-F16:RFNDLRYV	570	221
>RUNX1-F16:RFNDLRFV	400	>RUNX1-F16:RFNDLRYV	308	92
>RUNX1-F16:RFNDLRFVGF	4	>RUNX1-F16:RFNDLRYVGF	5	1
>RUNX1-F16:RFNDLRFVGF	60	>RUNX1-F16:RFNDLRYVGF	79	19
>RUNX1-F16:RFNDLRFVGF	191	>RUNX1-F16:RFNDLRYVGF	132	59
>RUNX1-F16:RFNDLRFVGF	20	>RUNX1-F16:RFNDLRYVGF	20	0
>RUNX1-F16:RFNDLRFV	209	>RUNX1-F16:RFNDLRYV	335	126
>RUNX1-F16:ARFNDLRF	18	>RUNX1-F16:ARFNDLRY	68	50
>RUNX1-F16:ARFNDLRFV	401	>RUNX1-F16:ARFNDLRYV	236	165
>RUNX1-F16:ARFNDLRF	46	>RUNX1-F16:ARFNDLRY	56	10
>RUNX1-F16:ARFNDLRFV	58	>RUNX1-F16:ARFNDLRYV	82	24
>RUNX1-F16:ARFNDLRFVC	27	>RUNX1-F16:ARFNDLRYVC	31	4
>RUNX1-F16:ARFNDLRFVC	416	>RUNX1-F16:ARFNDLRYVC	308	108
>RUNX1-F16:ARFNDLRFV	80	>RUNX1-F16:ARFNDLRYV	143	63
>RUNX1-F16:ARFNDLRFVC	163	>RUNX1-F16:ARFNDLRYVC	325	162
>RUNX1-F16:VARFNDLRF	3672	>RUNX1-F16:VARFNDLRY	51	3621
>RUNX1-F16:VARFNDLRFV	200	>RUNX1-F16:VARFNDLRYV	293	93
>RUNX1-F16:VARFNDLRF	14008	>RUNX1-F16:VARFNDLRY	227	13781
>RUNX1-F16:VARFNDLRF	615	>RUNX1-F16:VARFNDLRY	457	158
>RUNX1-F16:VARFNDLRF	5	>RUNX1-F16:VARFNDLRY	5	0
>RUNX1-F16:VARFNDLRF	776	>RUNX1-F16:VARFNDLRY	284	492
>RUNX1-F16:QVARFNDLRI	105	>RUNX1-F16:QVARFNDLR\	109	4
>RUNX1-F16:QVARFNDLRI	269	>RUNX1-F16:QVARFNDLR\	234	35

>RUNX1-F16:QVARFNDLRI	86	>RUNX1-F16:QVARFNDLR\`	98	12
>RUNX1-F16:QVARFNDLRI	865	>RUNX1-F16:QVARFNDLR\`	304	561
>RUNX1-F16:QVARFNDLRI	795	>RUNX1-F16:QVARFNDLR\`	459	336
>RUNX1-F16:QVARFNDLRI	315	>RUNX1-F16:QVARFNDLR\`	77	238
>RUNX1-F16:QVARFNDLRI	1354	>RUNX1-F16:QVARFNDLR\`	143	1211
>RUNX1-F16:QVARFNDLRI	11927	>RUNX1-F16:QVARFNDLR\`	432	11495
>RUNX1-F16:QVARFNDLRI	464	>RUNX1-F16:QVARFNDLR\`	5532	5068
>RUNX1-F16:QVARFNDLRI	19	>RUNX1-F16:QVARFNDLR\`	17	2
>RUNX1-F16:QVARFNDLRI	51	>RUNX1-F16:QVARFNDLR\`	34	17
>RUNX1-F16:QVARFNDLRI	5932	>RUNX1-F16:QVARFNDLR\`	24	5908
>RUNX1-G16GRSGRGKSF	170	>RUNX1-G16CRSGRGKSF	121	49
>RUNX1-G16GRSGRGKSF	181	>RUNX1-G16CRSGRGKSF	636	455
>RUNX1-G16GRSGRGKSFT	120	>RUNX1-G16CRSGRGKSFT	458	338
>RUNX1-G16GRSGRGKSFT	590	>RUNX1-G16CRSGRGKSFT	472	118
>RUNX1-G16GRSGRGKSFT	188	>RUNX1-G16CRSGRGKSFT	755	567
>RUNX1-G16VGRSGRGK	151	>RUNX1-G16VCRSGRGK	99	52
>RUNX1-G16VGRSGRGKSF	170	>RUNX1-G16VCRSGRGKSF	126	44
>RUNX1-G16VGRSGRGKSF	213	>RUNX1-G16VCRSGRGKSF	1024	811
>RUNX1-G16FVGRSGRGK	1487	>RUNX1-G16FVCRSGRGK	466	1021
>RUNX1-G16FVGRSGRGKS	110	>RUNX1-G16FVCRSGRGKS	101	9
>RUNX1-G16FVGRSGRGKS	188	>RUNX1-G16FVCRSGRGKS	182	6
>RUNX1-G16FVGRSGRGKS	145	>RUNX1-G16FVCRSGRGKS	66	79
>RUNX1-G16FVGRSGRGKS	791	>RUNX1-G16FVCRSGRGKS	123	668
>RUNX1-G16RFVGRSGRGI	115	>RUNX1-G16RFVCRSGRGI	99	16
>RUNX1-G16RFVGRSGRGI	115	>RUNX1-G16RFVCRSGRGI	81	34
>RUNX1-G16RFVGRSGR	20	>RUNX1-G16RFVCRSGR	18	2
>RUNX1-G16RFVGRSGRGI	74	>RUNX1-G16RFVCRSGRGI	82	8
>RUNX1-G16RFVGRSGRGI	406	>RUNX1-G16RFVCRSGRGI	203	203
>RUNX1-G16RFVGRSGR	42	>RUNX1-G16RFVCRSGR	25	17
>RUNX1-G16LRFVGRSGR	647	>RUNX1-G16LRFVCRSGR	370	277
>RUNX1-G16LRFVGRSGR	48	>RUNX1-G16LRFVCRSGR	80	32
>RUNX1-G16LRFVGRSGRG	37	>RUNX1-G16LRFVCRSGRG	49	12
>RUNX1-G16LRFVGRSG	281	>RUNX1-G16LRFVCRSG	481	200
>RUNX1-G16LRFVGRSGRG	303	>RUNX1-G16LRFVCRSGRG	611	308
>RUNX1-G16LRFVGRSGR	215	>RUNX1-G16LRFVCRSGR	124	91
>RUNX1-G16LRFVGRSGRG	166	>RUNX1-G16LRFVCRSGRG	126	40
>RUNX1-G16DLRFVGRSGF	58	>RUNX1-G16DLRFVCRSGR	24	34
>RUNX1-G16DLRFVGRSGF	77	>RUNX1-G16DLRFVCRSGR	58	19
>RUNX1-G16DLRFVGRSGF	278	>RUNX1-G16DLRFVCRSGR	382	104
>RUNX1-G16RFNDLRFVGF	4	>RUNX1-G16RFNDLRFVCR	3	1
>RUNX1-G16RFNDLRFVGF	60	>RUNX1-G16RFNDLRFVCR	21	39
>RUNX1-G16RFNDLRFVGF	191	>RUNX1-G16RFNDLRFVCR	106	85
>RUNX1-G16RFNDLRFVGF	20	>RUNX1-G16RFNDLRFVCR	27	7

>RUNX1-G16 ARFNDRFVC	795	>RUNX1-G16 ARFNDRFVC	396	399
>RUNX1-G16 ARFNDRFVC	27	>RUNX1-G16 ARFNDRFVC	31	4
>RUNX1-G16 ARFNDRFVC	416	>RUNX1-G16 ARFNDRFVC	378	38
>RUNX1-G16 ARFNDRFVC	163	>RUNX1-G16 ARFNDRFVC	318	155
>RUNX1-G16 GRSGRGKSF	170	>RUNX1-G16 DRSGRGKSF	851	681
>RUNX1-G16 GRSGRGKSF	181	>RUNX1-G16 DRSGRGKSF	2608	2427
>RUNX1-G16 GRSGRGKSFT	120	>RUNX1-G16 DRSGRGKSFT	2181	2061
>RUNX1-G16 GRSGRGKSFT	188	>RUNX1-G16 DRSGRGKSFT	4364	4176
>RUNX1-G16 VGRSGRGK	151	>RUNX1-G16 VDRSGRGK	3732	3581
>RUNX1-G16 VGRSGRGKSF	170	>RUNX1-G16 VDRSGRGKSF	354	184
>RUNX1-G16 VGRSGRGKSF	213	>RUNX1-G16 VDRSGRGKSF	9374	9161
>RUNX1-G16 FVGRSGRGKS	110	>RUNX1-G16 FVDRSGRGKS	1924	1814
>RUNX1-G16 FVGRSGRGKS	188	>RUNX1-G16 FVDRSGRGKS	361	173
>RUNX1-G16 FVGRSGRGKS	145	>RUNX1-G16 FVDRSGRGKS	761	616
>RUNX1-G16 FVGRSGRGKS	791	>RUNX1-G16 FVDRSGRGKS	416	375
>RUNX1-G16 RFVGRSGRGH	115	>RUNX1-G16 RFVDRSGRGH	142	27
>RUNX1-G16 RFVGRSGRGH	115	>RUNX1-G16 RFVDRSGRGH	103	12
>RUNX1-G16 RFVGRSGR	20	>RUNX1-G16 RFVDRSGR	19	1
>RUNX1-G16 RFVGRSGRGH	74	>RUNX1-G16 RFVDRSGRGH	113	39
>RUNX1-G16 RFVGRSGRGH	406	>RUNX1-G16 RFVDRSGRGH	698	292
>RUNX1-G16 RFVGRSGR	42	>RUNX1-G16 RFVDRSGR	36	6
>RUNX1-G16 LRFVGRSGR	48	>RUNX1-G16 LRFVDRSGR	55	7
>RUNX1-G16 LRFVGRSGRC	37	>RUNX1-G16 LRFVDRSGRC	40	3
>RUNX1-G16 LRFVGRSG	281	>RUNX1-G16 LRFVDRSG	410	129
>RUNX1-G16 LRFVGRSGRC	303	>RUNX1-G16 LRFVDRSGRC	452	149
>RUNX1-G16 LRFVGRSGR	215	>RUNX1-G16 LRFVDRSGR	432	217
>RUNX1-G16 LRFVGRSGRC	166	>RUNX1-G16 LRFVDRSGRC	248	82
>RUNX1-G16 DLRFVGRSGF	58	>RUNX1-G16 DLRFVDRSGF	139	81
>RUNX1-G16 DLRFVGRSGF	77	>RUNX1-G16 DLRFVDRSGF	151	74
>RUNX1-G16 DLRFVGRSGF	278	>RUNX1-G16 DLRFVDRSGF	159	119
>RUNX1-G16 RFNDRFVGF	4	>RUNX1-G16 RFNDRFVDF	6	2
>RUNX1-G16 RFNDRFVGF	60	>RUNX1-G16 RFNDRFVDF	138	78
>RUNX1-G16 RFNDRFVGF	191	>RUNX1-G16 RFNDRFVDF	398	207
>RUNX1-G16 RFNDRFVGF	20	>RUNX1-G16 RFNDRFVDF	20	0
>RUNX1-G16 ARFNDRFVC	27	>RUNX1-G16 ARFNDRFVC	67	40
>RUNX1-G16 ARFNDRFVC	416	>RUNX1-G16 ARFNDRFVC	559	143
>RUNX1-G16 ARFNDRFVC	163	>RUNX1-G16 ARFNDRFVC	554	391
>RUNX1-G16 GRSGRGKSF	170	>RUNX1-G16 VRSGRGKSF	64	106
>RUNX1-G16 GRSGRGKSF	181	>RUNX1-G16 VRSGRGKSF	539	358
>RUNX1-G16 GRSGRGKSFT	120	>RUNX1-G16 VRSGRGKSFT	354	234
>RUNX1-G16 GRSGRGKSFT	590	>RUNX1-G16 VRSGRGKSFT	426	164
>RUNX1-G16 GRSGRGKSFT	188	>RUNX1-G16 VRSGRGKSFT	920	732
>RUNX1-G16 VGRSGRGK	6952	>RUNX1-G16 VVRSGRGK	191	6761

>RUNX1-G16 VGRSGRGK	151	>RUNX1-G16 VVRSGRGK	10	141
>RUNX1-G16 VGRSGRGKSF	3729	>RUNX1-G16 VVRSGRGKSF	389	3340
>RUNX1-G16 VGRSGRGKSF	639	>RUNX1-G16 VVRSGRGKSF	154	485
>RUNX1-G16 VGRSGRGKSF	922	>RUNX1-G16 VVRSGRGKSF	303	619
>RUNX1-G16 VGRSGRGKSF	170	>RUNX1-G16 VVRSGRGKSF	103	67
>RUNX1-G16 VGRSGRGKSF	213	>RUNX1-G16 VVRSGRGKSF	36	177
>RUNX1-G16 VGRSGRGKSF	1364	>RUNX1-G16 VVRSGRGKSF	453	911
>RUNX1-G16 VARFNDLRFV	1828	>RUNX1-G16 VARFNDLRFV	315	1513
>RUNX1-G16 FVGRSGRGKS	3900	>RUNX1-G16 FVVRSGRGKS	151	3749
>RUNX1-G16 FVGRSGRGK	1721	>RUNX1-G16 FVVRSGRGK	256	1465
>RUNX1-G16 FVGRSGRGKS	110	>RUNX1-G16 FVVRSGRGKS	96	14
>RUNX1-G16 FVGRSGRGKS	188	>RUNX1-G16 FVVRSGRGKS	105	83
>RUNX1-G16 FVGRSGRGKS	145	>RUNX1-G16 FVVRSGRGKS	22	123
>RUNX1-G16 FVGRSGRGKS	791	>RUNX1-G16 FVVRSGRGKS	32	759
>RUNX1-G16 FVGRSGRGKS	1045	>RUNX1-G16 FVVRSGRGKS	284	761
>RUNX1-G16 RFVGRSGRGI	115	>RUNX1-G16 RFVVRSGRGI	189	74
>RUNX1-G16 RFVGRSGRGI	115	>RUNX1-G16 RFVVRSGRGI	72	43
>RUNX1-G16 RFVGRSGR	20	>RUNX1-G16 RFVVRSGR	12	8
>RUNX1-G16 RFVGRSGRGI	74	>RUNX1-G16 RFVVRSGRGI	154	80
>RUNX1-G16 RFVGRSGRGI	406	>RUNX1-G16 RFVVRSGRGI	782	376
>RUNX1-G16 RFVGRSGR	42	>RUNX1-G16 RFVVRSGR	76	34
>RUNX1-G16 LRFVGRSGR	1551	>RUNX1-G16 LRFVVRSGR	295	1256
>RUNX1-G16 LRFVGRSGR	48	>RUNX1-G16 LRFVVRSGR	32	16
>RUNX1-G16 LRFVGRSGRC	37	>RUNX1-G16 LRFVVRSGRG	29	8
>RUNX1-G16 LRFVGRSG	281	>RUNX1-G16 LRFVVRSRG	306	25
>RUNX1-G16 LRFVGRSGRC	303	>RUNX1-G16 LRFVVRSGRG	285	18
>RUNX1-G16 LRFVGRSGR	215	>RUNX1-G16 LRFVVRSGR	163	52
>RUNX1-G16 LRFVGRSGRC	166	>RUNX1-G16 LRFVVRSGRG	138	28
>RUNX1-G16 DLRFVGRSGF	58	>RUNX1-G16 DLRFVVRSGR	27	31
>RUNX1-G16 DLRFVGRSGF	77	>RUNX1-G16 DLRFVVRSGR	53	24
>RUNX1-G16 DLRFVGRSGF	278	>RUNX1-G16 DLRFVVRSGR	88	190
>RUNX1-G16 NDLRFVGR	548	>RUNX1-G16 NDLRFVVR	448	100
>RUNX1-G16 RFNDLRFVG	1017	>RUNX1-G16 RFNDLRFVV	105	912
>RUNX1-G16 RFNDLRFVGF	4	>RUNX1-G16 RFNDLRFVVR	5	1
>RUNX1-G16 RFNDLRFVGF	60	>RUNX1-G16 RFNDLRFVVR	93	33
>RUNX1-G16 RFNDLRFVGF	191	>RUNX1-G16 RFNDLRFVVR	145	46
>RUNX1-G16 RFNDLRFVGF	20	>RUNX1-G16 RFNDLRFVVR	18	2
>RUNX1-G16 ARFNDLRFVC	5317	>RUNX1-G16 ARFNDLRFVV	182	5135
>RUNX1-G16 ARFNDLRFVC	795	>RUNX1-G16 ARFNDLRFVV	295	500
>RUNX1-G16 ARFNDLRFVC	1962	>RUNX1-G16 ARFNDLRFVV	325	1637
>RUNX1-G16 ARFNDLRFVC	27	>RUNX1-G16 ARFNDLRFVV	31	4
>RUNX1-G16 ARFNDLRFVC	416	>RUNX1-G16 ARFNDLRFVV	624	208
>RUNX1-G16 ARFNDLRFVC	163	>RUNX1-G16 ARFNDLRFVV	248	85



>RUNX1-G17 GKSFTLTI	6804	>RUNX1-G17 RKSFTLTI	318	6486
>RUNX1-G17 GKSFTLTI	309	>RUNX1-G17 RKSFTLTI	21	288
>RUNX1-G17 GKSFTLTITV	521	>RUNX1-G17 RKSFTLTITV	30	491
>RUNX1-G17 GKSFTLTITVF	7	>RUNX1-G17 RKSFTLTITVF	2	5
>RUNX1-G17 GKSFTLTITVF	251	>RUNX1-G17 RKSFTLTITVF	211	40
>RUNX1-G17 GKSFTLTI	3864	>RUNX1-G17 RKSFTLTI	324	3540
>RUNX1-G17 RGKSFTLTI	17	>RUNX1-G17 RRKSFTLTI	82	65
>RUNX1-G17 RGKSFTLTITV	27	>RUNX1-G17 RRKSFTLTITV	170	143
>RUNX1-G17 RGKSFTLTI	272	>RUNX1-G17 RRKSFTLTI	178	94
>RUNX1-G17 RGKSFTLTI	774	>RUNX1-G17 RRKSFTLTI	29	745
>RUNX1-G17 RGKSFTLTITV	1762	>RUNX1-G17 RRKSFTLTITV	75	1687
>RUNX1-G17 RGKSFTLT	19255	>RUNX1-G17 RRKSFTLT	261	18994
>RUNX1-G17 RGKSFTLTI	14355	>RUNX1-G17 RRKSFTLTI	30	14325
>RUNX1-G17 RGKSFTLTIT	18618	>RUNX1-G17 RRKSFTLTIT	34	18584
>RUNX1-G17 RGKSFTLTITV	17512	>RUNX1-G17 RRKSFTLTITV	56	17456
>RUNX1-G17 RGKSFTLT	12738	>RUNX1-G17 RRKSFTLT	31	12707
>RUNX1-G17 RGKSFTLTI	1330	>RUNX1-G17 RRKSFTLTI	15	1315
>RUNX1-G17 RGKSFTLTIT	15141	>RUNX1-G17 RRKSFTLTIT	55	15086
>RUNX1-G17 RGKSFTLTITV	2587	>RUNX1-G17 RRKSFTLTITV	21	2566
>RUNX1-G17 RGKSFTLTI	4893	>RUNX1-G17 RRKSFTLTI	15	4878
>RUNX1-G17 RGKSFTLTIT	15255	>RUNX1-G17 RRKSFTLTIT	58	15197
>RUNX1-G17 RGKSFTLTITV	8040	>RUNX1-G17 RRKSFTLTITV	33	8007
>RUNX1-G17 RGKSFTLTI	57	>RUNX1-G17 RRKSFTLTI	348	291
>RUNX1-G17 DLRFVGRSGF	22292	>RUNX1-G17 DLRFVGRSGF	29	22263
>RUNX1-G17 GRGKSFTL	1990	>RUNX1-G17 GRRKSFTL	227	1763
>RUNX1-G17 GRGKSFTLTI	1297	>RUNX1-G17 GRRKSFTLTI	135	1162
>RUNX1-G17 GRGKSFTL	572	>RUNX1-G17 GRRKSFTL	252	320
>RUNX1-G17 GRGKSFTLTI	152	>RUNX1-G17 GRRKSFTLTI	55	97
>RUNX1-G17 GRGKSFTLT	3013	>RUNX1-G17 GRRKSFTLT	400	2613
>RUNX1-G17 GRGKSFTLTI	786	>RUNX1-G17 GRRKSFTLTI	120	666
>RUNX1-G17 GRGKSFTLTI	361	>RUNX1-G17 GRRKSFTLTI	122	239
>RUNX1-G17 SGRGKSFTL	312	>RUNX1-G17 SGRRKSFTL	65	247
>RUNX1-G17 SGRGKSFTLTI	63	>RUNX1-G17 SGRRKSFTLTI	22	41
>RUNX1-G17 SGRGKSFTL	612	>RUNX1-G17 SGRRKSFTL	82	530
>RUNX1-G17 SGRGKSFTLTI	1537	>RUNX1-G17 SGRRKSFTLTI	268	1269
>RUNX1-G17 SGRGKSFTL	202	>RUNX1-G17 SGRRKSFTL	813	611
>RUNX1-G17 RSGRGKSF	476	>RUNX1-G17 RSGRRKSF	365	111
>RUNX1-G17 RSGRGKSFTL	238	>RUNX1-G17 RSGRRKSFTL	258	20
>RUNX1-G17 RSGRGKSF	140	>RUNX1-G17 RSGRRKSF	339	199
>RUNX1-G17 RSGRGKSF	34	>RUNX1-G17 RSGRRKSF	52	18
>RUNX1-G17 RSGRGKSF	9	>RUNX1-G17 RSGRRKSF	16	7
>RUNX1-G17 RSGRGKSFTL	15	>RUNX1-G17 RSGRRKSFTL	19	4
>RUNX1-G17 RSGRGKSF	389	>RUNX1-G17 RSGRRKSF	264	125

>RUNX1-G17 RSGRGKSF	194	>RUNX1-G17 RSGRRKSF	348	154
>RUNX1-G17 RSGRGKSFTL	164	>RUNX1-G17 RSGRRKSFTL	302	138
>RUNX1-G17 RSGRGKSF	22	>RUNX1-G17 RSGRRKSF	47	25
>RUNX1-G17 RSGRGKSFTL	187	>RUNX1-G17 RSGRRKSFTL	102	85
>RUNX1-G17 GRSGRGKSF	170	>RUNX1-G17 GRSGRRKSF	343	173
>RUNX1-G17 GRSGRGKSF	181	>RUNX1-G17 GRSGRRKSF	125	56
>RUNX1-G17 GRSGRGKSFT	120	>RUNX1-G17 GRSGRRKSF	99	21
>RUNX1-G17 GRSGRGKSFT	698	>RUNX1-G17 GRSGRRKSF	379	319
>RUNX1-G17 GRSGRGKSF	818	>RUNX1-G17 GRSGRRKSF	210	608
>RUNX1-G17 GRSGRGKSFT	188	>RUNX1-G17 GRSGRRKSF	74	114
>RUNX1-G17 VGRSGRGK	151	>RUNX1-G17 VGRSGRRK	119	32
>RUNX1-G17 VGRSGRGKSF	170	>RUNX1-G17 VGRSGRRKSF	142	28
>RUNX1-G17 VGRSGRGKSF	213	>RUNX1-G17 VGRSGRRKSF	451	238
>RUNX1-G17 FVGRSGRG	36790	>RUNX1-G17 FVGRSGRR	246	36544
>RUNX1-G17 FVGRSGRGKSF	110	>RUNX1-G17 FVGRSGRRKSF	210	100
>RUNX1-G17 FVGRSGRGKSF	188	>RUNX1-G17 FVGRSGRRKSF	639	451
>RUNX1-G17 FVGRSGRGKSF	145	>RUNX1-G17 FVGRSGRRKSF	210	65
>RUNX1-G17 RFVGRSGRGI	115	>RUNX1-G17 RFVGRSGRRK	134	19
>RUNX1-G17 RFVGRSGRGI	115	>RUNX1-G17 RFVGRSGRRK	100	15
>RUNX1-G17 RFVGRSGRG	21195	>RUNX1-G17 RFVGRSGRR	28	21167
>RUNX1-G17 RFVGRSGRGI	74	>RUNX1-G17 RFVGRSGRRK	66	8
>RUNX1-G17 RFVGRSGRGI	406	>RUNX1-G17 RFVGRSGRRK	388	18
>RUNX1-G17 RFVGRSGRG	31357	>RUNX1-G17 RFVGRSGRR	46	31311
>RUNX1-G17 LRFVGRSGRC	3714	>RUNX1-G17 LRFVGRSGRR	169	3545
>RUNX1-G17 LRFVGRSGRC	37	>RUNX1-G17 LRFVGRSGRR	44	7
>RUNX1-G17 LRFVGRSGRC	303	>RUNX1-G17 LRFVGRSGRR	1766	1463
>RUNX1-G17 LRFVGRSGRC	166	>RUNX1-G17 LRFVGRSGRR	281	115
>RUNX1-G19 GPREPRRH	914	>RUNX1-G19 APREPRRH	188	726
>RUNX1-G19 GPREPRRHR	1369	>RUNX1-G19 APREPRRHR	156	1213
>RUNX1-G19 GPREPRRHRC	843	>RUNX1-G19 APREPRRHRC	125	718
>RUNX1-G19 DGPREPRR	7434	>RUNX1-G19 DAPREPRR	490	6944
>RUNX1-G19 TVDGPREPR	527	>RUNX1-G19 TVDAPREPR	243	284
>RUNX1-G19 TVDGPREPR	862	>RUNX1-G19 TVDAPREPR	338	524
>RUNX1-G19 TVDGPREPR	79	>RUNX1-G19 TVDAPREPR	63	16
>RUNX1-G19 TVDGPREPRF	234	>RUNX1-G19 TVDAPREPRF	188	46
>RUNX1-G19 ITVDGPREPR	583	>RUNX1-G19 ITVDAPREPR	415	168
>RUNX1-G19 ITVDGPREPR	462	>RUNX1-G19 ITVDAPREPR	518	56
>RUNX1-G19 ITVDGPREPR	29	>RUNX1-G19 ITVDAPREPR	21	8
>RUNX1-G19 ITVDGPREPR	37	>RUNX1-G19 ITVDAPREPR	24	13
>RUNX1-G19 KITVDGPR	84	>RUNX1-G19 KITVDAPR	44	40
>RUNX1-G19 KITVDGPREP	58	>RUNX1-G19 KITVDAPREPI	72	14
>RUNX1-G19 KITVDGPR	142	>RUNX1-G19 KITVDAPR	62	80
>RUNX1-G19 KITVDGPREP	183	>RUNX1-G19 KITVDAPREPI	117	66

>RUNX1-G19 IKITVDGPR	1469	>RUNX1-G19 IKITVDAPR	409	1060
>RUNX1-G19 IKITVDGPR	2855	>RUNX1-G19 IKITVDAPR	475	2380
>RUNX1-G19 AIKITVDG	4089	>RUNX1-G19 AIKITVDA	486	3603
>RUNX1-G19 AIKITVDGPR	921	>RUNX1-G19 AIKITVDAPR	388	533
>RUNX1-G19 AIKITVDGPR	207	>RUNX1-G19 AIKITVDAPR	47	160
>RUNX1-G19 AIKITVDGPR	875	>RUNX1-G19 AIKITVDAPR	61	814
>RUNX1-G19 RAIKITVDGPF	17	>RUNX1-G19 RAIKITVDAPF	9	8
>RUNX1-G19 RAIKITVDGPF	92	>RUNX1-G19 RAIKITVDAPF	37	55
>RUNX1-G19 RAIKITVDGPF	77	>RUNX1-G19 RAIKITVDAPF	43	34
>RUNX1-G19 HRAIKITVDG	990	>RUNX1-G19 HRAIKITVDA	183	807
>RUNX1-G19 GPREPRRHR	4964	>RUNX1-G19 NPREPRRHR	298	4666
>RUNX1-G19 GPREPRRHRC	843	>RUNX1-G19 NPREPRRHRC	477	366
>RUNX1-G19 TVDGPREPR	527	>RUNX1-G19 TVDNPREPR	346	181
>RUNX1-G19 TVDGPREPR	862	>RUNX1-G19 TVDNPREPR	357	505
>RUNX1-G19 TVDGPREPR	79	>RUNX1-G19 TVDNPREPR	82	3
>RUNX1-G19 TVDGPREPRF	234	>RUNX1-G19 TVDNPREPRF	459	225
>RUNX1-G19 ITVDGPREPR	583	>RUNX1-G19 ITVDNPREPR	367	216
>RUNX1-G19 ITVDGPREPR	462	>RUNX1-G19 ITVDNPREPR	453	9
>RUNX1-G19 ITVDGPREPR	29	>RUNX1-G19 ITVDNPREPR	34	5
>RUNX1-G19 ITVDGPREPR	37	>RUNX1-G19 ITVDNPREPR	24	13
>RUNX1-G19 ITVDGPREPR	866	>RUNX1-G19 ITVDNPREPR	486	380
>RUNX1-G19 KITVDGPR	84	>RUNX1-G19 KITVDNPR	51	33
>RUNX1-G19 KITVDGPREP	58	>RUNX1-G19 KITVDNPREP	47	11
>RUNX1-G19 KITVDGPR	142	>RUNX1-G19 KITVDNPR	66	76
>RUNX1-G19 KITVDGPREP	183	>RUNX1-G19 KITVDNPREP	108	75
>RUNX1-G19 IKITVDGPR	2855	>RUNX1-G19 IKITVDNPR	450	2405
>RUNX1-G19 AIKITVDGPR	207	>RUNX1-G19 AIKITVDNPR	94	113
>RUNX1-G19 AIKITVDGPR	875	>RUNX1-G19 AIKITVDNPR	175	700
>RUNX1-G19 RAIKITVDGPF	17	>RUNX1-G19 RAIKITVDNPF	13	4
>RUNX1-G19 RAIKITVDGPF	92	>RUNX1-G19 RAIKITVDNPF	51	41
>RUNX1-G19 RAIKITVDGPF	77	>RUNX1-G19 RAIKITVDNPF	50	27
>RUNX1-G19 TVDGPREPR	79	>RUNX1-G19 TVDQPREPR	92	13
>RUNX1-G19 TVDGPREPRF	234	>RUNX1-G19 TVDQPREPRF	953	719
>RUNX1-G19 ITVDGPREPR	462	>RUNX1-G19 ITVDQPREPR	372	90
>RUNX1-G19 ITVDGPREPR	29	>RUNX1-G19 ITVDQPREPR	47	18
>RUNX1-G19 ITVDGPREPR	37	>RUNX1-G19 ITVDQPREPR	38	1
>RUNX1-G19 ITVDGPREPR	866	>RUNX1-G19 ITVDQPREPR	364	502
>RUNX1-G19 KITVDGPR	84	>RUNX1-G19 KITVDQPR	54	30
>RUNX1-G19 KITVDGPREP	58	>RUNX1-G19 KITVDQPREP	50	8
>RUNX1-G19 KITVDGPR	142	>RUNX1-G19 KITVDQPR	85	57
>RUNX1-G19 KITVDGPREP	183	>RUNX1-G19 KITVDQPREP	131	52
>RUNX1-G19 IKITVDGPR	2855	>RUNX1-G19 IKITVDQPR	226	2629
>RUNX1-G19 AIKITVDGPR	207	>RUNX1-G19 AIKITVDQPR	131	76

>RUNX1-G19 AIKITVDGPR	875	>RUNX1-G19 AIKITVDQPR	238	637
>RUNX1-G19 RAIKITVDGPF	17	>RUNX1-G19 RAIKITVDQPF	14	3
>RUNX1-G19 RAIKITVDGPF	92	>RUNX1-G19 RAIKITVDQPF	89	3
>RUNX1-G19 RAIKITVDGPF	77	>RUNX1-G19 RAIKITVDQPF	53	24
>RUNX1-G19 HRAIKITVDG	990	>RUNX1-G19 HRAIKITVDQ	380	610
>RUNX1-G19 GPREPRRHRC	5282	>RUNX1-G19 RPREPRRHRC	122	5160
>RUNX1-G19 GPREPRRHR	5180	>RUNX1-G19 RPREPRRHR	482	4698
>RUNX1-G19 GPREPRRH	914	>RUNX1-G19 RPREPRRH	60	854
>RUNX1-G19 GPREPRRHR	1369	>RUNX1-G19 RPREPRRHR	45	1324
>RUNX1-G19 GPREPRRHRC	843	>RUNX1-G19 RPREPRRHRC	38	805
>RUNX1-G19 YHRAIKITVDC	35181	>RUNX1-G19 YHRAIKITVDF	428	34753
>RUNX1-G19 TVDGPREPR	527	>RUNX1-G19 TVDRPREPR	379	148
>RUNX1-G19 TVDGPREPR	862	>RUNX1-G19 TVDRPREPR	289	573
>RUNX1-G19 TVDGPREPR	79	>RUNX1-G19 TVDRPREPR	99	20
>RUNX1-G19 TVDGPREPRF	234	>RUNX1-G19 TVDRPREPRF	1647	1413
>RUNX1-G19 ITVDGPREPR	583	>RUNX1-G19 ITVDRPREPR	187	396
>RUNX1-G19 ITVDGPREPR	462	>RUNX1-G19 ITVDRPREPRI	182	280
>RUNX1-G19 ITVDGPREPR	1827	>RUNX1-G19 ITVDRPREPR	402	1425
>RUNX1-G19 ITVDGPREPR	982	>RUNX1-G19 ITVDRPREPRI	499	483
>RUNX1-G19 ITVDGPREPR	29	>RUNX1-G19 ITVDRPREPR	37	8
>RUNX1-G19 ITVDGPREPR	37	>RUNX1-G19 ITVDRPREPRI	34	3
>RUNX1-G19 KITVDGPR	84	>RUNX1-G19 KITVDRPR	41	43
>RUNX1-G19 KITVDGPREP	58	>RUNX1-G19 KITVDRPREPI	22	36
>RUNX1-G19 KITVDGPR	142	>RUNX1-G19 KITVDRPR	86	56
>RUNX1-G19 KITVDGPREP	183	>RUNX1-G19 KITVDRPREPI	107	76
>RUNX1-G19 AIKITVDG	22133	>RUNX1-G19 AIKITVDR	107	22026
>RUNX1-G19 AIKITVDGPR	207	>RUNX1-G19 AIKITVDRPR	58	149
>RUNX1-G19 RAIKITVDG	17668	>RUNX1-G19 RAIKITVDR	26	17642
>RUNX1-G19 RAIKITVDGPF	17	>RUNX1-G19 RAIKITVDRPF	16	1
>RUNX1-G19 RAIKITVDG	31077	>RUNX1-G19 RAIKITVDR	43	31034
>RUNX1-G19 RAIKITVDGPF	92	>RUNX1-G19 RAIKITVDRPF	133	41
>RUNX1-G19 RAIKITVDG	32647	>RUNX1-G19 RAIKITVDR	45	32602
>RUNX1-G19 RAIKITVDGPF	77	>RUNX1-G19 RAIKITVDRPF	69	8
>RUNX1-G19 HRAIKITVDG	37395	>RUNX1-G19 HRAIKITVDR	397	36998
>RUNX1-G19 HRAIKITVDG	990	>RUNX1-G19 HRAIKITVDR	44	946
>RUNX1-G19 HRAIKITVDG	34178	>RUNX1-G19 HRAIKITVDR	192	33986
>RUNX1-G59 GAPDAGAAL	10	>RUNX1-G59 DAPDAGAAL	163	153
>RUNX1-G59 GAPDAGAAL	332	>RUNX1-G59 DAPDAGAAL	5393	5061
>RUNX1-G59 PLGAPDAGA/	275	>RUNX1-G59 PLDAPDAGA/	97	178
>RUNX1-G59 PLGAPDAGA/	97	>RUNX1-G59 PLDAPDAGA/	114	17
>RUNX1-G59 LPLGAPDA	338	>RUNX1-G59 LPLDAPDA	4075	3737
>RUNX1-G59 LPLGAPDAG/	221	>RUNX1-G59 LPLDAPDAG/	347	126
>RUNX1-G59 LPLGAPDAG	118	>RUNX1-G59 LPLDAPDAG	90	28

>RUNX1-G59 LPLGAPDAG/	76	>RUNX1-G59 LPLDAPDAG/	56	20
>RUNX1-G59 LPLGAPDA	18	>RUNX1-G59 LPLDAPDA	24	6
>RUNX1-G59 LPLGAPDAG	46	>RUNX1-G59 LPLDAPDAG	58	12
>RUNX1-G59 LPLGAPDAG/	17	>RUNX1-G59 LPLDAPDAG/	12	5
>RUNX1-G59 LPLGAPDAG/	8	>RUNX1-G59 LPLDAPDAG/	9	1
>RUNX1-G59 ALPLGAPDAC	295	>RUNX1-G59 ALPLDAPDAC	456	161
>RUNX1-G59 ALPLGAPDAC	465	>RUNX1-G59 ALPLDAPDAC	640	175
>RUNX1-G59 ALPLGAPDA	173	>RUNX1-G59 ALPLDAPDA	436	263
>RUNX1-G59 ALPLGAPDAC	256	>RUNX1-G59 ALPLDAPDAC	422	166
>RUNX1-G59 ALPLGAPDA	38	>RUNX1-G59 ALPLDAPDA	68	30
>RUNX1-G59 ALPLGAPDAC	29	>RUNX1-G59 ALPLDAPDAC	45	16
>RUNX1-G59 EALPLGAPDA	177	>RUNX1-G59 EALPLDAPDA	472	295
>RUNX1-G59 SEALPLGA	209	>RUNX1-G59 SEALPLDA	362	153
>RUNX1-G59 SEALPLGA	37	>RUNX1-G59 SEALPLDA	41	4
>RUNX1-G59 SEALPLGAPD	579	>RUNX1-G59 SEALPLDAPD	413	166
>RUNX1-G59 SEALPLGAPD	23	>RUNX1-G59 SEALPLDAPD	22	1
>RUNX1-G59 KMSEALPLG/	52	>RUNX1-G59 KMSEALPLD/	158	106
>RUNX1-G59 KMSEALPLG	404	>RUNX1-G59 KMSEALPLD	1569	1165
>RUNX1-G59 KMSEALPLG/	32	>RUNX1-G59 KMSEALPLD/	96	64
>RUNX1-G59 KMSEALPLG/	26	>RUNX1-G59 KMSEALPLD/	59	33
>RUNX1-G59 KMSEALPLG	272	>RUNX1-G59 KMSEALPLD	2489	2217
>RUNX1-G59 KMSEALPLG/	87	>RUNX1-G59 KMSEALPLD/	405	318
>RUNX1-G59 KMSEALPLG/	8	>RUNX1-G59 KMSEALPLD/	52	44
>RUNX1-G59 KMSEALPLG/	23	>RUNX1-G59 KMSEALPLD/	120	97
>RUNX1-G59 KMSEALPLG/	14	>RUNX1-G59 KMSEALPLD/	26	12
>RUNX1-G59 KMSEALPLG/	44	>RUNX1-G59 KMSEALPLD/	447	403
>RUNX1-G59 KMSEALPLG/	21	>RUNX1-G59 KMSEALPLD/	56	35
>RUNX1-G69 GKLRSGDR	2829	>RUNX1-G69 RKLRS GDR	240	2589
>RUNX1-G69 GKLRSGDRSM	68	>RUNX1-G69 RKLRS GDRSM	7	61
>RUNX1-G69 GKLRSGDRSM	235	>RUNX1-G69 RKLRS GDRSM	17	218
>RUNX1-G69 GKLRSGDRSM	9204	>RUNX1-G69 RKLRS GDRSM	295	8909
>RUNX1-G69 AGKLRS GDRS	21902	>RUNX1-G69 ARKLRS GDRS	384	21518
>RUNX1-G69 LAGKLRS GDR	2047	>RUNX1-G69 LARKLRS GDR	423	1624
>RUNX1-G69 ALAGKLRS	228	>RUNX1-G69 ALARKLRS	1344	1116
>RUNX1-G69 AALAGKLR	171	>RUNX1-G69 AALARKLR	37	134
>RUNX1-G69 GAALAGKLR	919	>RUNX1-G69 GAALARKLR	296	623
>RUNX1-G69 DAGAALAG	35953	>RUNX1-G69 DAGAALAR	314	35639
>RUNX1-G69 DAGAALAGKI	446	>RUNX1-G69 DAGAALARKI	133	313
>RUNX1-G69 DAGAALAG	38015	>RUNX1-G69 DAGAALAR	130	37885
>RUNX1-G69 DAGAALAGK	241	>RUNX1-G69 DAGAALARK	217	24
>RUNX1-G69 DAGAALAGKI	185	>RUNX1-G69 DAGAALARKI	96	89
>RUNX1-G69 PDAGAALAGI	211	>RUNX1-G69 PDAGAALARI	811	600
>RUNX1-H10 HWRCNKTL	320	>RUNX1-H10 QWRCNKTL	2570	2250

>RUNX1-H10 HWRCNKTL	23	>RUNX1-H10 QWRCNKTL	168	145
>RUNX1-H10 HWRCNKTL	32	>RUNX1-H10 QWRCNKTL	274	242
>RUNX1-H10 HWRCNKTL	393	>RUNX1-H10 QWRCNKTL	289	104
>RUNX1-H10 HWRCNKTL	1009	>RUNX1-H10 QWRCNKTL	400	609
>RUNX1-H10 THWRCNKTL	233	>RUNX1-H10 TQWRCNKTL	136	97
>RUNX1-H10 THWRCNKTL	19203	>RUNX1-H10 TQWRCNKTL	266	18937
>RUNX1-H10 THWRCNKTL	21473	>RUNX1-H10 TQWRCNKTL	132	21341
>RUNX1-H10 THWRCNKTL	2849	>RUNX1-H10 TQWRCNKTL	190	2659
>RUNX1-H10 THWRCNKTL	462	>RUNX1-H10 TQWRCNKTL	32	430
>RUNX1-H10 THWRCNKTL	625	>RUNX1-H10 TQWRCNKTL	43	582
>RUNX1-H10 THWRCNKTL	277	>RUNX1-H10 TQWRCNKTL	6362	6085
>RUNX1-H10 THWRCNKTL	312	>RUNX1-H10 TQWRCNKTL	726	414
>RUNX1-H10 PTHWRCNK	690	>RUNX1-H10 PTQWRCNK	449	241
>RUNX1-H10 PTHWRCNK	71	>RUNX1-H10 PTQWRCNK	1967	1896
>RUNX1-H10 PTHWRCNK	1255	>RUNX1-H10 PTQWRCNK	370	885
>RUNX1-H10 LPTHWRCNK	48	>RUNX1-H10 LPTQWRCNK	40	8
>RUNX1-H10 LPTHWRCNK	184	>RUNX1-H10 LPTQWRCNK	146	38
>RUNX1-H10 LPTHWRCNK	85	>RUNX1-H10 LPTQWRCNK	77	8
>RUNX1-H10 LPTHWRCNK	122	>RUNX1-H10 LPTQWRCNK	312	190
>RUNX1-H10 VLPTHWRC	97	>RUNX1-H10 VLPTQWRC	163	66
>RUNX1-H10 VLPTHWRC	58	>RUNX1-H10 VLPTQWRC	50	8
>RUNX1-H10 VLPTHWRCN	242	>RUNX1-H10 VLPTQWRCN	605	363
>RUNX1-H10 SVLPTHWRC	93	>RUNX1-H10 SVLPTQWRC	153	60
>RUNX1-H10 SVLPTHWRC	147	>RUNX1-H10 SVLPTQWRC	103	44
>RUNX1-H10 SVLPTHWRCI	178	>RUNX1-H10 SVLPTQWRCI	172	6
>RUNX1-H10 SVLPTHWR	35	>RUNX1-H10 SVLPTQWR	121	86
>RUNX1-H10 SVLPTHWRCI	10	>RUNX1-H10 SVLPTQWRCI	12	2
>RUNX1-H10 SVLPTHWRCI	9	>RUNX1-H10 SVLPTQWRCI	16	7
>RUNX1-H10 SVLPTHWR	15	>RUNX1-H10 SVLPTQWR	39	24
>RUNX1-H10 SVLPTHWRCI	70	>RUNX1-H10 SVLPTQWRCI	179	109
>RUNX1-H10 SVLPTHWR	349	>RUNX1-H10 SVLPTQWR	898	549
>RUNX1-H10 SVLPTHWR	39	>RUNX1-H10 SVLPTQWR	107	68
>RUNX1-H10 SVLPTHWRCI	233	>RUNX1-H10 SVLPTQWRCI	291	58
>RUNX1-H10 SVLPTHWR	114	>RUNX1-H10 SVLPTQWR	321	207
>RUNX1-H10 SVLPTHWRCI	234	>RUNX1-H10 SVLPTQWRCI	249	15
>RUNX1-H10 SVLPTHWR	83	>RUNX1-H10 SVLPTQWR	187	104
>RUNX1-H10 CSVLPTHWR	146	>RUNX1-H10 CSVLPTQWR	703	557
>RUNX1-H10 CSVLPTHWR	41	>RUNX1-H10 CSVLPTQWR	193	152
>RUNX1-H10 CSVLPTHW	7	>RUNX1-H10 CSVLPTQW	6	1
>RUNX1-H10 CSVLPTHW	69	>RUNX1-H10 CSVLPTQW	72	3
>RUNX1-H10 CSVLPTHW	11	>RUNX1-H10 CSVLPTQW	12	1
>RUNX1-H10 CSVLPTHWR	113	>RUNX1-H10 CSVLPTQWR	536	423
>RUNX1-H10 LCSVLPTHWF	244	>RUNX1-H10 LCSVLPTQWF	815	571

>RUNX1-H10 LCSVLPTHW	86	>RUNX1-H10 LCSVLPTQW	79	7
>RUNX1-H10 LCSVLPTHWF	297	>RUNX1-H10 LCSVLPTQWF	968	671
>RUNX1-H10 FLCSVLPTH	1330	>RUNX1-H10 FLCSVLPTQ	128	1202
>RUNX1-H10 FLCSVLPTHW	413	>RUNX1-H10 FLCSVLPTQW	834	421
>RUNX1-H10 FLCSVLPTH	452	>RUNX1-H10 FLCSVLPTQ	19	433
>RUNX1-H10 FLCSVLPTH	7355	>RUNX1-H10 FLCSVLPTQ	130	7225
>RUNX1-H10 FLCSVLPTH	1219	>RUNX1-H10 FLCSVLPTQ	7	1212
>RUNX1-H10 FLCSVLPTHW	202	>RUNX1-H10 FLCSVLPTQW	536	334
>RUNX1-H10 FLCSVLPTHW	171	>RUNX1-H10 FLCSVLPTQW	436	265
>RUNX1-H10 FLCSVLPTHW	87	>RUNX1-H10 FLCSVLPTQW	157	70
>RUNX1-H10 FLCSVLPTHW	23	>RUNX1-H10 FLCSVLPTQW	57	34
>RUNX1-H10 FLCSVLPTHW	433	>RUNX1-H10 FLCSVLPTQW	242	191
>RUNX1-H10 FLCSVLPTHW	111	>RUNX1-H10 FLCSVLPTQW	119	8
>RUNX1-H10 FLCSVLPTHW	360	>RUNX1-H10 FLCSVLPTQW	795	435
>RUNX1-H10 NFLCSVLPTH	321	>RUNX1-H10 NFLCSVLPTQ	499	178
>RUNX1-H10 HWRCNKTL	1835	>RUNX1-H10 YWRCNKTL	380	1455
>RUNX1-H10 HWRCNKTL	1356	>RUNX1-H10 YWRCNKTL	366	990
>RUNX1-H10 HWRCNKTL	320	>RUNX1-H10 YWRCNKTL	3985	3665
>RUNX1-H10 HWRCNKTLPI	23	>RUNX1-H10 YWRCNKTLPI	284	261
>RUNX1-H10 HWRCNKTLPI	32	>RUNX1-H10 YWRCNKTLPI	501	469
>RUNX1-H10 HWRCNKTL	393	>RUNX1-H10 YWRCNKTL	405	12
>RUNX1-H10 THWRCNKTL	13476	>RUNX1-H10 TYWRCNKTL	136	13340
>RUNX1-H10 THWRCNKTL	16989	>RUNX1-H10 TYWRCNKTLI	212	16777
>RUNX1-H10 THWRCNKTL	233	>RUNX1-H10 TYWRCNKTLI	662	429
>RUNX1-H10 THWRCNKTL	1640	>RUNX1-H10 TYWRCNKTL	27	1613
>RUNX1-H10 THWRCNKTL	2079	>RUNX1-H10 TYWRCNKTLI	49	2030
>RUNX1-H10 THWRCNKTL	6267	>RUNX1-H10 TYWRCNKTL	110	6157
>RUNX1-H10 THWRCNKTL	4115	>RUNX1-H10 TYWRCNKTLI	81	4034
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>RUNX1-H10 THWRCNKTL	17634	>RUNX1-H10 TYWRCNKTLI	45	17589
>RUNX1-H10 THWRCNKTL	2849	>RUNX1-H10 TYWRCNKTLI	344	2505
>RUNX1-H10 THWRCNKTL	462	>RUNX1-H10 TYWRCNKTL	2788	2326
>RUNX1-H10 THWRCNKTL	277	>RUNX1-H10 TYWRCNKTL	7070	6793
>RUNX1-H10 THWRCNKTL	312	>RUNX1-H10 TYWRCNKTL	11563	11251
>RUNX1-H10 PNFLCSVLPTI	16367	>RUNX1-H10 PNFLCSVLPTI	451	15916
>RUNX1-H10 PTHWRCNK	1938	>RUNX1-H10 PTYWRCNK	155	1783
>RUNX1-H10 PTHWRCNK	690	>RUNX1-H10 PTYWRCNK	125	565
>RUNX1-H10 PTHWRCNK	71	>RUNX1-H10 PTYWRCNK	760	689
>RUNX1-H10 PTHWRCNK	2204	>RUNX1-H10 PTYWRCNKI	480	1724
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>RUNX1-H10 PTHWRCNK	1255	>RUNX1-H10 PTYWRCNKI	410	845
>RUNX1-H10 LPTHWRCNK	48	>RUNX1-H10 LPTYWRCNK	85	37
>RUNX1-H10 LPTHWRCNK	184	>RUNX1-H10 LPTYWRCNK	229	45

>RUNX1-H10 LPTHWRCNK	85	>RUNX1-H10 LPTYWRCNK	80	5
>RUNX1-H10 LPTHWRCNK	122	>RUNX1-H10 LPTYWRCNK	223	101
>RUNX1-H10 VLPHTWRC	97	>RUNX1-H10 VLPTYWRC	55	42
>RUNX1-H10 VLPHTWRC	58	>RUNX1-H10 VLPTYWRC	37	21
>RUNX1-H10 VLPHTWRCN	242	>RUNX1-H10 VLPTYWRCNI	248	6
>RUNX1-H10 VLPHTWRCN	544	>RUNX1-H10 VLPTYWRCNI	389	155
>RUNX1-H10 VLPHTWRCN	548	>RUNX1-H10 VLPTYWRCNI	441	107
>RUNX1-H10 VLPHTWRCN	601	>RUNX1-H10 VLPTYWRCNI	402	199
>RUNX1-H10 SVLPHTWRC	655	>RUNX1-H10 SVLPTYWRC	242	413
>RUNX1-H10 SVLPHTWRC	93	>RUNX1-H10 SVLPTYWRC	94	1
>RUNX1-H10 SVLPHTWRC	147	>RUNX1-H10 SVLPTYWRC	126	21
>RUNX1-H10 SVLPHTWRCI	178	>RUNX1-H10 SVLPTYWRCI	172	6
>RUNX1-H10 SVLPHTWR	35	>RUNX1-H10 SVLPTYWR	22	13
>RUNX1-H10 SVLPHTWRCI	10	>RUNX1-H10 SVLPTYWRCI	9	1
>RUNX1-H10 SVLPHTWRCI	9	>RUNX1-H10 SVLPTYWRCI	10	1
>RUNX1-H10 SVLPHTWR	15	>RUNX1-H10 SVLPTYWR	13	2
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>RUNX1-H10 SVLPHTWR	349	>RUNX1-H10 SVLPTYWR	204	145
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>RUNX1-H10 SVLPHTWRCI	233	>RUNX1-H10 SVLPTYWRCI	235	2
>RUNX1-H10 SVLPHTWR	114	>RUNX1-H10 SVLPTYWR	114	0
>RUNX1-H10 SVLPHTWRCI	234	>RUNX1-H10 SVLPTYWRCI	218	16
>RUNX1-H10 SVLPHTWR	83	>RUNX1-H10 SVLPTYWR	72	11
>RUNX1-H10 CSVLPHTWR	146	>RUNX1-H10 CSVLPTYWR	59	87
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>RUNX1-H10 CSVLPHTWR	41	>RUNX1-H10 CSVLPTYWR	34	7
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>RUNX1-H10 CSVLPHTW	69	>RUNX1-H10 CSVLPTYW	56	13
>RUNX1-H10 CSVLPHTW	11	>RUNX1-H10 CSVLPTYW	11	0
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>RUNX1-H10 LCSVLPHT	20551	>RUNX1-H10 LCSVLPHTY	358	20193
>RUNX1-H10 LCSVLPHTWF	244	>RUNX1-H10 LCSVLPHTYWR	125	119
>RUNX1-H10 LCSVLPHTWF	1902	>RUNX1-H10 LCSVLPHTYWR	406	1496
>RUNX1-H10 LCSVLPHTW	86	>RUNX1-H10 LCSVLPHTY	78	8
>RUNX1-H10 LCSVLPHTWF	297	>RUNX1-H10 LCSVLPHTYWR	163	134
>RUNX1-H10 FLCSVLPHTW	2431	>RUNX1-H10 FLCSVLPHTY	350	2081
>RUNX1-H10 FLCSVLPHTW	413	>RUNX1-H10 FLCSVLPHTY	297	116
>RUNX1-H10 FLCSVLPHT	452	>RUNX1-H10 FLCSVLPHTY	36	416
>RUNX1-H10 FLCSVLPHTW	1303	>RUNX1-H10 FLCSVLPHTY	193	1110
>RUNX1-H10 FLCSVLPHT	1219	>RUNX1-H10 FLCSVLPHTY	75	1144
>RUNX1-H10 FLCSVLPHTW	202	>RUNX1-H10 FLCSVLPHTY	731	529
>RUNX1-H10 FLCSVLPHT	9100	>RUNX1-H10 FLCSVLPHTY	101	8999
>RUNX1-H10 FLCSVLPHT	3773	>RUNX1-H10 FLCSVLPHTY	20	3753



>RUNX1-H10 FLCSVLPTH	4771	>RUNX1-H10 FLCSVLPTY	40	4731
>RUNX1-H10 FLCSVLPTHW	171	>RUNX1-H10 FLCSVLPTYW	106	65
>RUNX1-H10 FLCSVLPTHW	87	>RUNX1-H10 FLCSVLPTYW	51	36
>RUNX1-H10 FLCSVLPTHW	23	>RUNX1-H10 FLCSVLPTYW	22	1
>RUNX1-H10 FLCSVLPTH	18199	>RUNX1-H10 FLCSVLPTY	181	18018
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>RUNX1-H10 FLCSVLPTHW	433	>RUNX1-H10 FLCSVLPTYW	324	109
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>RUNX1-H10 NFLCSVLPTH'	321	>RUNX1-H10 NFLCSVLPTY\	548	227
>RUNX1-H10 NFLCSVLPTH'	812	>RUNX1-H10 NFLCSVLPTY\	433	379
>RUNX1-H10 NFLCSVLPTH	19330	>RUNX1-H10 NFLCSVLPTY	151	19179
>RUNX1-H10 NFLCSVLPTH	27003	>RUNX1-H10 NFLCSVLPTY	353	26650
>RUNX1-H85 ADHPGELV	344	>RUNX1-H85 ADNPGELV	1292	948
>RUNX1-H85 ADHPGELV	137	>RUNX1-H85 ADNPGELV	90	47
>RUNX1-H85 LADHPGELV	336	>RUNX1-H85 LADNPGELV	106	230
>RUNX1-H85 VLADHPGEL	52	>RUNX1-H85 VLADNPGEL	127	75
>RUNX1-H85 VLADHPGELV	103	>RUNX1-H85 VLADNPGELV	89	14
>RUNX1-H85 VLADHPGEL	7	>RUNX1-H85 VLADNPGEL	13	6
>RUNX1-H85 VLADHPGELV	24	>RUNX1-H85 VLADNPGELV	23	1
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>RUNX1-H85 VLADHPGEL	5	>RUNX1-H85 VLADNPGEL	4	1
>RUNX1-H85 VLADHPGELV	2	>RUNX1-H85 VLADNPGELV	2	0
>RUNX1-H85 VLADHPGEL	57	>RUNX1-H85 VLADNPGEL	14	43
>RUNX1-H85 VLADHPGELV	11	>RUNX1-H85 VLADNPGELV	6	5
>RUNX1-H85 VLADHPGEL	57	>RUNX1-H85 VLADNPGEL	29	28
>RUNX1-H85 VLADHPGELV	7	>RUNX1-H85 VLADNPGELV	6	1
>RUNX1-H85 VLADHPGEL	96	>RUNX1-H85 VLADNPGEL	17	79
>RUNX1-H85 VLADHPGELV	7	>RUNX1-H85 VLADNPGELV	4	3
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>RUNX1-H85 VLADHPGELV	2	>RUNX1-H85 VLADNPGELV	2	0
>RUNX1-H85 EVLADHPGEL	275	>RUNX1-H85 EVLADNPGEL	319	44
>RUNX1-H85 EVLADHPGEL	377	>RUNX1-H85 EVLADNPGEL	189	188
>RUNX1-H85 EVLADHPGEL	283	>RUNX1-H85 EVLADNPGEL	282	1
>RUNX1-H85 EVLADHPGEL	35	>RUNX1-H85 EVLADNPGEL	68	33
>RUNX1-H85 EVLADHPGEL	32	>RUNX1-H85 EVLADNPGEL	27	5

>RUNX1-H85 EVLADHPGEL	13	>RUNX1-H85 EVLADNPGEL	14	1
>RUNX1-H85 EVLADHPGEL	5	>RUNX1-H85 EVLADNPGEL	5	0
>RUNX1-H85 VEVLADHPGI	354	>RUNX1-H85 VEVLADNPGI	826	472
>RUNX1-H85 VEVLADHPGI	61	>RUNX1-H85 VEVLADNPGI	89	28
>RUNX1-H85 VEVLADHPGI	362	>RUNX1-H85 VEVLADNPGI	361	1
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>RUNX1-H85 SMVEVLADH	286	>RUNX1-H85 SMVEVLADN	858	572
>RUNX1-H85 RSMVEVLADI	140	>RUNX1-H85 RSMVEVLADI	3022	2882
>RUNX1-I177ITVFTNPPQV	166	>RUNX1-I177TTVFTNPPQV	253	87
>RUNX1-I177ITVFTNPPQV	87	>RUNX1-I177TTVFTNPPQV	433	346
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>RUNX1-I177ITVFTNPPQ	1153	>RUNX1-I177TTVFTNPPQ	294	859
>RUNX1-I177ITVFTNPPQV	861	>RUNX1-I177TTVFTNPPQV	204	657
>RUNX1-I177ITVFTNPPQV	1940	>RUNX1-I177TTVFTNPPQV	141	1799
>RUNX1-I177ITVFTNPPQV	31	>RUNX1-I177TTVFTNPPQV	5	26
>RUNX1-I177ITVFTNPPQV	36	>RUNX1-I177TTVFTNPPQV	308	272
>RUNX1-I177ITVFTNPPQV	514	>RUNX1-I177TTVFTNPPQV	331	183
>RUNX1-I177TITVFTNPPQ'	342	>RUNX1-I177TTTVFTNPPQ	2485	2143
>RUNX1-I177TITVFTNPPQ'	258	>RUNX1-I177TTTVFTNPPQ	1120	862
>RUNX1-I177TITVFTNPPQ'	174	>RUNX1-I177TTTVFTNPPQ	1107	933
>RUNX1-I177TITVFTNPPQ'	481	>RUNX1-I177TTTVFTNPPQ	6594	6113
>RUNX1-I177TITVFTNPPQ'	18	>RUNX1-I177TTTVFTNPPQ	487	469
>RUNX1-I177TITVFTNPPQ'	192	>RUNX1-I177TTTVFTNPPQ	34	158
>RUNX1-I177TITVFTNPPQ'	31	>RUNX1-I177TTTVFTNPPQ	11	20
>RUNX1-I177TITVFTNPPQ'	11309	>RUNX1-I177TTTVFTNPPQ	222	11087
>RUNX1-I177SGRGKSFTLTI	63	>RUNX1-I177SGRGKSFTLT	1416	1353
>RUNX1-I177TLTITVFT	446	>RUNX1-I177TLTTTVFT	545	99
>RUNX1-I177TLTITVFT	172	>RUNX1-I177TLTTTVFT	174	2
>RUNX1-I177FTLTITVFT	199	>RUNX1-I177FTLTTTVFT	633	434
>RUNX1-I177FTLTITVFT	143	>RUNX1-I177FTLTTTVFT	1106	963
>RUNX1-I177FTLTITVF	240	>RUNX1-I177FTLTTTVF	318	78
>RUNX1-I177FTLTITVFT	44	>RUNX1-I177FTLTTTVFT	53	9
>RUNX1-I177FTLTITVF	156	>RUNX1-I177FTLTTTVF	166	10
>RUNX1-I177FTLTITVF	160	>RUNX1-I177FTLTTTVF	238	78
>RUNX1-I177FTLTITVF	123	>RUNX1-I177FTLTTTVF	127	4
>RUNX1-I177FTLTITVFT	40	>RUNX1-I177FTLTTTVFT	450	410
>RUNX1-I177FTLTITVFT	132	>RUNX1-I177FTLTTTVFT	141	9
>RUNX1-I177FTLTITVF	336	>RUNX1-I177FTLTTTVF	169	167
>RUNX1-I177FTLTITVF	13	>RUNX1-I177FTLTTTVF	7	6
>RUNX1-I177FTLTITVF	7	>RUNX1-I177FTLTTTVF	5	2
>RUNX1-I177FTLTITVF	288	>RUNX1-I177FTLTTTVF	232	56
>RUNX1-I177FTLTITVF	374	>RUNX1-I177FTLTTTVF	422	48
>RUNX1-I177FTLTITVF	74	>RUNX1-I177FTLTTTVF	45	29

>RUNX1-1177FTLTITVF	33	>RUNX1-1177FTLTTTVF	21	12
>RUNX1-1177SFTLTITV	570	>RUNX1-1177SFTLTTTV	42	528
>RUNX1-1177SFTLTITVF	66	>RUNX1-1177SFTLTTTVF	41	25
>RUNX1-1177SFTLTITVF	452	>RUNX1-1177SFTLTTTVF	456	4
>RUNX1-1177SFTLTITV	417	>RUNX1-1177SFTLTTTV	571	154
>RUNX1-1177KSFTLTITV	8019	>RUNX1-1177KSFTLTTTV	488	7531
>RUNX1-1177KSFTLTITV	158	>RUNX1-1177KSFTLTTTV	326	168
>RUNX1-1177KSFTLTITV	613	>RUNX1-1177KSFTLTTTV	197	416
>RUNX1-1177KSFTLTITV	1103	>RUNX1-1177KSFTLTTTV	292	811
>RUNX1-1177KSFTLTITV	71	>RUNX1-1177KSFTLTTTV	71	0
>RUNX1-1177KSFTLTITV	255	>RUNX1-1177KSFTLTTTV	667	412
>RUNX1-1177KSFTLTITV	399	>RUNX1-1177KSFTLTTTV	876	477
>RUNX1-1177KSFTLTITV	21	>RUNX1-1177KSFTLTTTV	194	173
>RUNX1-1177KSFTLTITVFT	136	>RUNX1-1177KSFTLTTTVFT	192	56
>RUNX1-1177KSFTLTIT	524	>RUNX1-1177KSFTLTTT	79	445
>RUNX1-1177KSFTLTITV	9	>RUNX1-1177KSFTLTTTV	7	2
>RUNX1-1177KSFTLTITVF	5	>RUNX1-1177KSFTLTTTVF	4	1
>RUNX1-1177KSFTLTITVFT	95	>RUNX1-1177KSFTLTTTVFT	153	58
>RUNX1-1177KSFTLTITV	381	>RUNX1-1177KSFTLTTTV	340	41
>RUNX1-1177KSFTLTITVF	60	>RUNX1-1177KSFTLTTTVF	45	15
>RUNX1-1177KSFTLTITV	141	>RUNX1-1177KSFTLTTTV	66	75
>RUNX1-1177KSFTLTITVF	4	>RUNX1-1177KSFTLTTTVF	3	1
>RUNX1-1177KSFTLTIT	1976	>RUNX1-1177KSFTLTTT	313	1663
>RUNX1-1177KSFTLTITV	36	>RUNX1-1177KSFTLTTTV	23	13
>RUNX1-1177KSFTLTITVF	3	>RUNX1-1177KSFTLTTTVF	3	0
>RUNX1-1177KSFTLTITVF	70	>RUNX1-1177KSFTLTTTVF	71	1
>RUNX1-1177KSFTLTITV	271	>RUNX1-1177KSFTLTTTV	260	11
>RUNX1-1177KSFTLTITVF	11	>RUNX1-1177KSFTLTTTVF	10	1
>RUNX1-1177KSFTLTITV	118	>RUNX1-1177KSFTLTTTV	20	98
>RUNX1-1177KSFTLTITVF	82	>RUNX1-1177KSFTLTTTVF	57	25
>RUNX1-1177KSFTLTITV	180	>RUNX1-1177KSFTLTTTV	178	2
>RUNX1-1177GKSFTLTI	309	>RUNX1-1177GKSFTLTT	7774	7465
>RUNX1-1177GKSFTLTITV	521	>RUNX1-1177GKSFTLTTTV	297	224
>RUNX1-1177GKSFTLTITVF	7	>RUNX1-1177GKSFTLTTTVF	7	0
>RUNX1-1177GKSFTLTITVF	251	>RUNX1-1177GKSFTLTTTVF	223	28
>RUNX1-1177RGKSFTLTI	17	>RUNX1-1177RGKSFTLTT	315	298
>RUNX1-1177RGKSFTLTITV	27	>RUNX1-1177RGKSFTLTTV	124	97
>RUNX1-1177RGKSFTLTI	272	>RUNX1-1177RGKSFTLTT	12108	11836
>RUNX1-1177RGKSFTLTI	57	>RUNX1-1177RGKSFTLTT	28372	28315
>RUNX1-1177GRGKSFTLTI	152	>RUNX1-1177GRGKSFTLTT	1182	1030
>RUNX1-1177GRGKSFTLTI	361	>RUNX1-1177GRGKSFTLTT	1331	970
>RUNX1-1193AIKITVDGPR	921	>RUNX1-1193ATKITVDGPR	181	740
>RUNX1-1193AIKITVDGPR	207	>RUNX1-1193ATKITVDGPR	222	15

>RUNX1-I19E AIKITVDGPR	875	>RUNX1-I19E ATKITVDGPR	254	621
>RUNX1-I19E RAIKITVDGPF	17	>RUNX1-I19E RATKITVDGP	24	7
>RUNX1-I19E RAIKITVDGPF	92	>RUNX1-I19E RATKITVDGP	134	42
>RUNX1-I19E RAIKITVDGPF	77	>RUNX1-I19E RATKITVDGP	98	21
>RUNX1-I19E HRAIKITV	223	>RUNX1-I19E HRATKITV	214	9
>RUNX1-I19E HRAIKITV	1139	>RUNX1-I19E HRATKITV	304	835
>RUNX1-I19E HRAIKITV	575	>RUNX1-I19E HRATKITV	262	313
>RUNX1-I19E YHRAIKITV	857	>RUNX1-I19E YHRATKITV	200	657
>RUNX1-I19E YHRAIKITV	604	>RUNX1-I19E YHRATKITV	485	119
>RUNX1-I19E YHRAIKITV	366	>RUNX1-I19E YHRATKITV	135	231
>RUNX1-I19E TYHRAIKI	133	>RUNX1-I19E TYHRATKI	16	117
>RUNX1-I19E TYHRAIKITV	109	>RUNX1-I19E TYHRATKITV	115	6
>RUNX1-I19E TYHRAIKI	468	>RUNX1-I19E TYHRATKI	518	50
>RUNX1-I19E TYHRAIKI	199	>RUNX1-I19E TYHRATKI	246	47
>RUNX1-I19E TYHRAIKI	11	>RUNX1-I19E TYHRATKI	15	4
>RUNX1-I19E TYHRAIKITV	201	>RUNX1-I19E TYHRATKITV	204	3
>RUNX1-I19E TYHRAIKI	193	>RUNX1-I19E TYHRATKI	596	403
>RUNX1-I19E TYHRAIKITV	168	>RUNX1-I19E TYHRATKITV	87	81
>RUNX1-I19E ATYHRAIKI	332	>RUNX1-I19E ATYHRATKI	482	150
>RUNX1-I19E ATYHRAIKITV	256	>RUNX1-I19E ATYHRATKITV	271	15
>RUNX1-I19E ATYHRAIKI	1190	>RUNX1-I19E ATYHRATKI	236	954
>RUNX1-I19E ATYHRAIKITV	131	>RUNX1-I19E ATYHRATKITV	103	28
>RUNX1-I19E ATYHRAIKITV	79	>RUNX1-I19E ATYHRATKITV	101	22
>RUNX1-I19E ATYHRAIKITV	24	>RUNX1-I19E ATYHRATKITV	33	9
>RUNX1-I19E ATYHRAIKITV	462	>RUNX1-I19E ATYHRATKITV	497	35
>RUNX1-I19E ATYHRAIKITV	85	>RUNX1-I19E ATYHRATKITV	109	24
>RUNX1-I19E ATYHRAIKITV	59	>RUNX1-I19E ATYHRATKITV	55	4
>RUNX1-I19E ATYHRAIK	33	>RUNX1-I19E ATYHRATK	33	0
>RUNX1-I19E ATYHRAIK	14	>RUNX1-I19E ATYHRATK	16	2
>RUNX1-I19E ATYHRAIK	10	>RUNX1-I19E ATYHRATK	13	3
>RUNX1-I19E ATYHRAIKI	231	>RUNX1-I19E ATYHRATKI	2141	1910
>RUNX1-I19E ATYHRAIKITV	260	>RUNX1-I19E ATYHRATKITV	349	89
>RUNX1-I19E ATYHRAIK	102	>RUNX1-I19E ATYHRATK	63	39
>RUNX1-I19E ATYHRAIKI	39	>RUNX1-I19E ATYHRATKI	28	11
>RUNX1-I19E ATYHRAIKITV	138	>RUNX1-I19E ATYHRATKITV	182	44
>RUNX1-I19E ATYHRAIK	73	>RUNX1-I19E ATYHRATK	48	25
>RUNX1-I19E ATYHRAIKITV	215	>RUNX1-I19E ATYHRATKITV	513	298
>RUNX1-I19E ATYHRAIKITV	261	>RUNX1-I19E ATYHRATKITV	355	94
>RUNX1-I19E ATYHRAIKI	8	>RUNX1-I19E ATYHRATKI	7	1
>RUNX1-I19E ATYHRAIKITV	48	>RUNX1-I19E ATYHRATKITV	30	18
>RUNX1-I19E ATYHRAIKI	590	>RUNX1-I19E ATYHRATKI	91	499
>RUNX1-I19E ATYHRAIKITV	300	>RUNX1-I19E ATYHRATKITV	180	120
>RUNX1-I19E ATYHRAIK	98	>RUNX1-I19E ATYHRATK	106	8

>RUNX1-I19E ATYHRAIKI	17	>RUNX1-I19E ATYHRATKI	12	5
>RUNX1-I19E VATYHRAIK	545	>RUNX1-I19E VATYHRATK	444	101
>RUNX1-I19E VATYHRAIK	626	>RUNX1-I19E VATYHRATK	421	205
>RUNX1-I19E VATYHRAIK	659	>RUNX1-I19E VATYHRATK	353	306
>RUNX1-I19E VATYHRAIK	287	>RUNX1-I19E VATYHRATK	131	156
>RUNX1-I19E QVATYHRAIK	226	>RUNX1-I19E QVATYHRATI	124	102
>RUNX1-I19E QVATYHRAIK	464	>RUNX1-I19E QVATYHRATI	289	175
>RUNX1-I19E QVATYHRAIK	137	>RUNX1-I19E QVATYHRATI	96	41
>RUNX1-I19E QVATYHRAIK	39	>RUNX1-I19E QVATYHRATI	20	19
>RUNX1-I19E QVATYHRAI	167	>RUNX1-I19E QVATYHRAT	5092	4925
>RUNX1-I19E QVATYHRAIK	128	>RUNX1-I19E QVATYHRATI	112	16
>RUNX1-I19E PQVATYHRAI	229	>RUNX1-I19E PQVATYHRAI	6457	6228
>RUNX1-K11 KTLPIAFKV	38	>RUNX1-K11 NTLPIAFKV	379	341
>RUNX1-K11 KTLPIAFKV	92	>RUNX1-K11 NTLPIAFKV	181	89
>RUNX1-K11 KTLPIAFKVV	360	>RUNX1-K11 NTLPIAFKVV	567	207
>RUNX1-K11 KTLPIAFKV	14	>RUNX1-K11 NTLPIAFKV	34	20
>RUNX1-K11 KTLPIAFKVV	97	>RUNX1-K11 NTLPIAFKVV	221	124
>RUNX1-K11 KTLPIAFKVV/	308	>RUNX1-K11 NTLPIAFKVV/	1381	1073
>RUNX1-K11 KTLPIAFKV	10	>RUNX1-K11 NTLPIAFKV	55	45
>RUNX1-K11 KTLPIAFKVV	62	>RUNX1-K11 NTLPIAFKVV	448	386
>RUNX1-K11 KTLPIAFKV	39	>RUNX1-K11 NTLPIAFKV	279	240
>RUNX1-K11 KTLPIAFKVV	461	>RUNX1-K11 NTLPIAFKVV	1645	1184
>RUNX1-K11 KTLPIAFKV	15	>RUNX1-K11 NTLPIAFKV	94	79
>RUNX1-K11 KTLPIAFKVV	144	>RUNX1-K11 NTLPIAFKVV	1119	975
>RUNX1-K11 KTLPIAFKV	47	>RUNX1-K11 NTLPIAFKV	83	36
>RUNX1-K11 KTLPIAFKV	55	>RUNX1-K11 NTLPIAFKV	359	304
>RUNX1-K11 KTLPIAFKVV	454	>RUNX1-K11 NTLPIAFKVV	1873	1419
>RUNX1-K11 KTLPIAFK	38	>RUNX1-K11 NTLPIAFK	318	280
>RUNX1-K11 KTLPIAFK	9	>RUNX1-K11 NTLPIAFK	20	11
>RUNX1-K11 KTLPIAFK	5	>RUNX1-K11 NTLPIAFK	180	175
>RUNX1-K11 KTLPIAFKV	163	>RUNX1-K11 NTLPIAFKV	11536	11373
>RUNX1-K11 KTLPIAFKVV	117	>RUNX1-K11 NTLPIAFKVV	10931	10814
>RUNX1-K11 KTLPIAFKVV/	59	>RUNX1-K11 NTLPIAFKVV/	9478	9419
>RUNX1-K11 KTLPIAFK	12	>RUNX1-K11 NTLPIAFK	144	132
>RUNX1-K11 KTLPIAFKV	328	>RUNX1-K11 NTLPIAFKV	7155	6827
>RUNX1-K11 KTLPIAFKV	59	>RUNX1-K11 NTLPIAFKV	1803	1744
>RUNX1-K11 KTLPIAFKVV	232	>RUNX1-K11 NTLPIAFKVV	5559	5327
>RUNX1-K11 KTLPIAFKVV/	252	>RUNX1-K11 NTLPIAFKVV/	11655	11403
>RUNX1-K11 KTLPIAFK	3319	>RUNX1-K11 NTLPIAFK	168	3151
>RUNX1-K11 KTLPIAFK	108	>RUNX1-K11 NTLPIAFK	7	101
>RUNX1-K11 KTLPIAFKV	88	>RUNX1-K11 NTLPIAFKV	8	80
>RUNX1-K11 KTLPIAFKVV	6848	>RUNX1-K11 NTLPIAFKVV	492	6356
>RUNX1-K11 KTLPIAFKVV/	3887	>RUNX1-K11 NTLPIAFKVV/	67	3820

>RUNX1-K11 KTLPIAFKV	12	>RUNX1-K11 NTLPIAFKV	3	9
>RUNX1-K11 KTLPIAFKVV	302	>RUNX1-K11 NTLPIAFKVV	17	285
>RUNX1-K11 KTLPIAFKVVV	2534	>RUNX1-K11 NTLPIAFKVVV	109	2425
>RUNX1-K11 KTLPIAFKV	14	>RUNX1-K11 NTLPIAFKV	964	950
>RUNX1-K11 KTLPIAFKVV	44	>RUNX1-K11 NTLPIAFKVV	3445	3401
>RUNX1-K11 KTLPIAFKV	400	>RUNX1-K11 NTLPIAFKV	12828	12428
>RUNX1-K11 KTLPIAFKV	242	>RUNX1-K11 NTLPIAFKV	13186	12944
>RUNX1-K11 KTLPIAFKV	85	>RUNX1-K11 NTLPIAFKV	811	726
>RUNX1-K11 KTLPIAFK	357	>RUNX1-K11 NTLPIAFK	808	451
>RUNX1-K11 KTLPIAFK	151	>RUNX1-K11 NTLPIAFK	2608	2457
>RUNX1-K11 KTLPIAFKV	199	>RUNX1-K11 NTLPIAFKV	1381	1182
>RUNX1-K11 NKTLPIAFK	921	>RUNX1-K11 NNTLPIAFK	206	715
>RUNX1-K11 NKTLPIAF	33	>RUNX1-K11 NNTLPIAF	3359	3326
>RUNX1-K11 SVLPTHWRCI	178	>RUNX1-K11 SVLPTHWRCI	20417	20239
>RUNX1-K11 SVLPTHWRCI	10	>RUNX1-K11 SVLPTHWRCI	9455	9445
>RUNX1-K11 SVLPTHWRCI	9	>RUNX1-K11 SVLPTHWRCI	3772	3763
>RUNX1-K11 SVLPTHWRCI	70	>RUNX1-K11 SVLPTHWRCI	9891	9821
>RUNX1-K11 SVLPTHWRCI	233	>RUNX1-K11 SVLPTHWRCI	23720	23487
>RUNX1-K11 SVLPTHWRCI	234	>RUNX1-K11 SVLPTHWRCI	7143	6909
>RUNX1-K11 CNKTLPIAFK	83	>RUNX1-K11 CNNTLPIAFK	2001	1918
>RUNX1-K11 CNKTLPIAF	168	>RUNX1-K11 CNNTLPIAF	245	77
>RUNX1-K11 RCNKTLPIAFK	282	>RUNX1-K11 RCNNTLPIAFI	286	4
>RUNX1-K11 RCNKTLPI	129	>RUNX1-K11 RCNNTLPI	139	10
>RUNX1-K11 RCNKTLPIA	146	>RUNX1-K11 RCNNTLPIA	176	30
>RUNX1-K11 RCNKTLPIAFK	9	>RUNX1-K11 RCNNTLPIAFI	9	0
>RUNX1-K11 RCNKTLPIAFK	155	>RUNX1-K11 RCNNTLPIAFI	124	31
>RUNX1-K11 RCNKTLPI	134	>RUNX1-K11 RCNNTLPI	49	85
>RUNX1-K11 RCNKTLPIAF	134	>RUNX1-K11 RCNNTLPIAF	64	70
>RUNX1-K11 RCNKTLPIAF	42	>RUNX1-K11 RCNNTLPIAF	38	4
>RUNX1-K11 WRCNKTLPI	433	>RUNX1-K11 WRCNNTLPI	166	267
>RUNX1-K11 WRCNKTLPIA	34	>RUNX1-K11 WRCNNTLPIA	20	14
>RUNX1-K11 WRCNKTLPI	652	>RUNX1-K11 WRCNNTLPI	493	159
>RUNX1-K11 WRCNKTLPIA	176	>RUNX1-K11 WRCNNTLPIA	166	10
>RUNX1-K11 WRCNKTLPI	400	>RUNX1-K11 WRCNNTLPI	87	313
>RUNX1-K11 WRCNKTLPIA	221	>RUNX1-K11 WRCNNTLPIA	69	152
>RUNX1-K11 WRCNKTLPI	288	>RUNX1-K11 WRCNNTLPI	159	129
>RUNX1-K11 WRCNKTLPIA	245	>RUNX1-K11 WRCNNTLPIA	289	44
>RUNX1-K11 WRCNKTLPIA	62	>RUNX1-K11 WRCNNTLPIA	41	21
>RUNX1-K11 HWRCNKTL	320	>RUNX1-K11 HWRCNNTL	121	199
>RUNX1-K11 HWRCNKTLPI	23	>RUNX1-K11 HWRCNNTLP	14	9
>RUNX1-K11 HWRCNKTLPI	32	>RUNX1-K11 HWRCNNTLP	19	13
>RUNX1-K11 HWRCNKTL	393	>RUNX1-K11 HWRCNNTL	255	138
>RUNX1-K11 HWRCNKTLPI	1009	>RUNX1-K11 HWRCNNTLP	364	645

>RUNX1-K11 THWRCNKTL	233	>RUNX1-K11 THWRCNNTL	297	64
>RUNX1-K11 THWRCNKTL	462	>RUNX1-K11 THWRCNNTL	501	39
>RUNX1-K11 THWRCNKTL	625	>RUNX1-K11 THWRCNNTL	406	219
>RUNX1-K11 THWRCNKTL	277	>RUNX1-K11 THWRCNNTL	162	115
>RUNX1-K11 THWRCNKTL	312	>RUNX1-K11 THWRCNNTL	48	264
>RUNX1-K11 THWRCNKTL	974	>RUNX1-K11 THWRCNNTL	332	642
>RUNX1-K11 PTHWRCNK	71	>RUNX1-K11 PTHWRCNN	10751	10680
>RUNX1-K11 LPTHWRCNK	48	>RUNX1-K11 LPTHWRCNN	34	14
>RUNX1-K11 LPTHWRCNK	184	>RUNX1-K11 LPTHWRCNN	82	102
>RUNX1-K11 LPTHWRCNK	85	>RUNX1-K11 LPTHWRCNN	75	10
>RUNX1-K11 LPTHWRCNK	652	>RUNX1-K11 LPTHWRCNN	220	432
>RUNX1-K11 LPTHWRCNK	122	>RUNX1-K11 LPTHWRCNN	144	22
>RUNX1-K11 VLPTHWRCN	242	>RUNX1-K11 VLPTHWRCN	25849	25607
>RUNX1-K11 KTLPIAFKV	38	>RUNX1-K11 QTLPIAFKV	517	479
>RUNX1-K11 KTLPIAFKV	92	>RUNX1-K11 QTLPIAFKV	253	161
>RUNX1-K11 KTLPIAFKVV	360	>RUNX1-K11 QTLPIAFKVV	667	307
>RUNX1-K11 KTLPIAFKV	14	>RUNX1-K11 QTLPIAFKV	37	23
>RUNX1-K11 KTLPIAFKVV	97	>RUNX1-K11 QTLPIAFKVV	226	129
>RUNX1-K11 KTLPIAFKVV/	308	>RUNX1-K11 QTLPIAFKVV/	1324	1016
>RUNX1-K11 KTLPIAFKV	10	>RUNX1-K11 QTLPIAFKV	64	54
>RUNX1-K11 KTLPIAFKVV	62	>RUNX1-K11 QTLPIAFKVV	516	454
>RUNX1-K11 KTLPIAFKV	39	>RUNX1-K11 QTLPIAFKV	777	738
>RUNX1-K11 KTLPIAFKVV	461	>RUNX1-K11 QTLPIAFKVV	3072	2611
>RUNX1-K11 KTLPIAFKV	15	>RUNX1-K11 QTLPIAFKV	107	92
>RUNX1-K11 KTLPIAFKVV	144	>RUNX1-K11 QTLPIAFKVV	1451	1307
>RUNX1-K11 KTLPIAFKV	47	>RUNX1-K11 QTLPIAFKV	163	116
>RUNX1-K11 KTLPIAFKV	55	>RUNX1-K11 QTLPIAFKV	211	156
>RUNX1-K11 KTLPIAFKVV	454	>RUNX1-K11 QTLPIAFKVV	1479	1025
>RUNX1-K11 KTLPIAFK	38	>RUNX1-K11 QTLPIAFK	118	80
>RUNX1-K11 KTLPIAFK	9	>RUNX1-K11 QTLPIAFK	13	4
>RUNX1-K11 KTLPIAFK	5	>RUNX1-K11 QTLPIAFK	20	15
>RUNX1-K11 KTLPIAFKV	163	>RUNX1-K11 QTLPIAFKV	5034	4871
>RUNX1-K11 KTLPIAFKVV	117	>RUNX1-K11 QTLPIAFKVV	4032	3915
>RUNX1-K11 KTLPIAFKVV/	59	>RUNX1-K11 QTLPIAFKVV/	2641	2582
>RUNX1-K11 KTLPIAFK	12	>RUNX1-K11 QTLPIAFK	86	74
>RUNX1-K11 KTLPIAFKV	328	>RUNX1-K11 QTLPIAFKV	5214	4886
>RUNX1-K11 KTLPIAFKV	59	>RUNX1-K11 QTLPIAFKV	353	294
>RUNX1-K11 KTLPIAFKVV	232	>RUNX1-K11 QTLPIAFKVV	1319	1087
>RUNX1-K11 KTLPIAFKVV/	252	>RUNX1-K11 QTLPIAFKVV/	2574	2322
>RUNX1-K11 KTLPIAFK	108	>RUNX1-K11 QTLPIAFK	12	96
>RUNX1-K11 KTLPIAFKV	88	>RUNX1-K11 QTLPIAFKV	10	78
>RUNX1-K11 KTLPIAFKVV/	3887	>RUNX1-K11 QTLPIAFKVV/	126	3761
>RUNX1-K11 KTLPIAFKV	12	>RUNX1-K11 QTLPIAFKV	4	8

>RUNX1-K11 KTLPIAFKVV	302	>RUNX1-K11 QTLPIAFKVV	28	274
>RUNX1-K11 KTLPIAFKVV/	2534	>RUNX1-K11 QTLPIAFKVV/	201	2333
>RUNX1-K11 KTLPIAFKV	14	>RUNX1-K11 QTLPIAFKV	78	64
>RUNX1-K11 KTLPIAFKVV	44	>RUNX1-K11 QTLPIAFKVV	364	320
>RUNX1-K11 KTLPIAFKV	400	>RUNX1-K11 QTLPIAFKV	9453	9053
>RUNX1-K11 KTLPIAFKV	242	>RUNX1-K11 QTLPIAFKV	5180	4938
>RUNX1-K11 KTLPIAFKV	85	>RUNX1-K11 QTLPIAFKV	233	148
>RUNX1-K11 KTLPIAFK	357	>RUNX1-K11 QTLPIAFK	184	173
>RUNX1-K11 KTLPIAFK	151	>RUNX1-K11 QTLPIAFK	1140	989
>RUNX1-K11 KTLPIAFKV	199	>RUNX1-K11 QTLPIAFKV	619	420
>RUNX1-K11 NKTLPIAFKVV	10975	>RUNX1-K11 NQTLPIAFKV	147	10828
>RUNX1-K11 NKTLPIAFK	11945	>RUNX1-K11 NQTLPIAFK	169	11776
>RUNX1-K11 NKTLPIAFK	921	>RUNX1-K11 NQTLPIAFK	440	481
>RUNX1-K11 NKTLPIAF	33	>RUNX1-K11 NQTLPIAF	33	0
>RUNX1-K11 SVLPTHWRCI	178	>RUNX1-K11 SVLPTHWRCI	19533	19355
>RUNX1-K11 SVLPTHWRCI	10	>RUNX1-K11 SVLPTHWRCI	9982	9972
>RUNX1-K11 SVLPTHWRCI	9	>RUNX1-K11 SVLPTHWRCI	1196	1187
>RUNX1-K11 SVLPTHWRCI	70	>RUNX1-K11 SVLPTHWRCI	5420	5350
>RUNX1-K11 SVLPTHWRCI	233	>RUNX1-K11 SVLPTHWRCI	10742	10509
>RUNX1-K11 SVLPTHWRCI	234	>RUNX1-K11 SVLPTHWRCI	3935	3701
>RUNX1-K11 CNKTLPIAFK	83	>RUNX1-K11 CNQTLPIAFK	4600	4517
>RUNX1-K11 CNKTLPIAF	168	>RUNX1-K11 CNQTLPIAF	670	502
>RUNX1-K11 RCNKTLPIAF	282	>RUNX1-K11 RCNQTLPIAF	616	334
>RUNX1-K11 RCNKTLPI	129	>RUNX1-K11 RCNQTLPI	370	241
>RUNX1-K11 RCNKTLPIA	146	>RUNX1-K11 RCNQTLPIA	690	544
>RUNX1-K11 RCNKTLPIAF	9	>RUNX1-K11 RCNQTLPIAF	16	7
>RUNX1-K11 RCNKTLPIAF	155	>RUNX1-K11 RCNQTLPIAF	383	228
>RUNX1-K11 RCNKTLPI	134	>RUNX1-K11 RCNQTLPI	101	33
>RUNX1-K11 RCNKTLPIAF	134	>RUNX1-K11 RCNQTLPIAF	110	24
>RUNX1-K11 RCNKTLPIAF	42	>RUNX1-K11 RCNQTLPIAF	69	27
>RUNX1-K11 WRCNKTLPI	433	>RUNX1-K11 WRCNQTLPI	226	207
>RUNX1-K11 WRCNKTLPIA	34	>RUNX1-K11 WRCNQTLPIA	22	12
>RUNX1-K11 WRCNKTLPI	652	>RUNX1-K11 WRCNQTLPI	441	211
>RUNX1-K11 WRCNKTLPIA	176	>RUNX1-K11 WRCNQTLPIA	117	59
>RUNX1-K11 WRCNKTLPI	400	>RUNX1-K11 WRCNQTLPI	140	260
>RUNX1-K11 WRCNKTLPIA	221	>RUNX1-K11 WRCNQTLPIA	96	125
>RUNX1-K11 WRCNKTLPI	288	>RUNX1-K11 WRCNQTLPI	298	10
>RUNX1-K11 WRCNKTLPIA	245	>RUNX1-K11 WRCNQTLPIA	209	36
>RUNX1-K11 WRCNKTLPIA	62	>RUNX1-K11 WRCNQTLPIA	67	5
>RUNX1-K11 HWRCNKTL	320	>RUNX1-K11 HWRCNQTL	134	186
>RUNX1-K11 HWRCNKTL	23	>RUNX1-K11 HWRCNQTL	14	9
>RUNX1-K11 HWRCNKTL	32	>RUNX1-K11 HWRCNQTL	24	8
>RUNX1-K11 HWRCNKTL	393	>RUNX1-K11 HWRCNQTL	491	98



>RUNX1-K11 HWRCNKTLP	1009	>RUNX1-K11 HWRCNQTLP	428	581
>RUNX1-K11 THWRCNKTL	233	>RUNX1-K11 THWRCNQTL	335	102
>RUNX1-K11 THWRCNKTL	462	>RUNX1-K11 THWRCNQTL	312	150
>RUNX1-K11 THWRCNKTL	625	>RUNX1-K11 THWRCNQTL	418	207
>RUNX1-K11 THWRCNKTL	277	>RUNX1-K11 THWRCNQTL	146	131
>RUNX1-K11 THWRCNKTL	312	>RUNX1-K11 THWRCNQTL	75	237
>RUNX1-K11 THWRCNKTL	974	>RUNX1-K11 THWRCNQTL	467	507
>RUNX1-K11 PTHWRCNK	71	>RUNX1-K11 PTHWRCNQ	5606	5535
>RUNX1-K11 LPTHWRCNK	48	>RUNX1-K11 LPTHWRCNQ	34	14
>RUNX1-K11 LPTHWRCNK	184	>RUNX1-K11 LPTHWRCNQ	100	84
>RUNX1-K11 LPTHWRCNK	85	>RUNX1-K11 LPTHWRCNQ	84	1
>RUNX1-K11 LPTHWRCNK	122	>RUNX1-K11 LPTHWRCNQ	153	31
>RUNX1-K11 VLPTHWRCN	2733	>RUNX1-K11 VLPTHWRCN	453	2280
>RUNX1-K11 VLPTHWRCN	242	>RUNX1-K11 VLPTHWRCN	23174	22932
>RUNX1-K11 KTLPIAFKV	38	>RUNX1-K11 RTLPIAFKV	91	53
>RUNX1-K11 KTLPIAFKV	92	>RUNX1-K11 RTLPIAFKV	224	132
>RUNX1-K11 KTLPIAFKVV	360	>RUNX1-K11 RTLPIAFKVV	373	13
>RUNX1-K11 KTLPIAFKV	14	>RUNX1-K11 RTLPIAFKV	12	2
>RUNX1-K11 KTLPIAFKVV	97	>RUNX1-K11 RTLPIAFKVV	128	31
>RUNX1-K11 KTLPIAFKVV/	308	>RUNX1-K11 RTLPIAFKVV/	391	83
>RUNX1-K11 KTLPIAFKV	10	>RUNX1-K11 RTLPIAFKV	10	0
>RUNX1-K11 KTLPIAFKVV	62	>RUNX1-K11 RTLPIAFKVV	66	4
>RUNX1-K11 KTLPIAFKV	39	>RUNX1-K11 RTLPIAFKV	89	50
>RUNX1-K11 KTLPIAFKVV	461	>RUNX1-K11 RTLPIAFKVV	905	444
>RUNX1-K11 KTLPIAFKV	15	>RUNX1-K11 RTLPIAFKV	20	5
>RUNX1-K11 KTLPIAFKVV	144	>RUNX1-K11 RTLPIAFKVV	281	137
>RUNX1-K11 KTLPIAFKV	47	>RUNX1-K11 RTLPIAFKV	54	7
>RUNX1-K11 KTLPIAFKV	55	>RUNX1-K11 RTLPIAFKV	60	5
>RUNX1-K11 KTLPIAFKVV	454	>RUNX1-K11 RTLPIAFKVV	510	56
>RUNX1-K11 KTLPIAFK	38	>RUNX1-K11 RTLPIAFK	37	1
>RUNX1-K11 KTLPIAFK	9	>RUNX1-K11 RTLPIAFK	8	1
>RUNX1-K11 KTLPIAFK	5	>RUNX1-K11 RTLPIAFK	4	1
>RUNX1-K11 KTLPIAFKV	163	>RUNX1-K11 RTLPIAFKV	146	17
>RUNX1-K11 KTLPIAFKVV	117	>RUNX1-K11 RTLPIAFKVV	103	14
>RUNX1-K11 KTLPIAFKVV/	59	>RUNX1-K11 RTLPIAFKVV/	53	6
>RUNX1-K11 KTLPIAFK	12	>RUNX1-K11 RTLPIAFK	11	1
>RUNX1-K11 KTLPIAFKV	328	>RUNX1-K11 RTLPIAFKV	295	33
>RUNX1-K11 KTLPIAFKV	59	>RUNX1-K11 RTLPIAFKV	58	1
>RUNX1-K11 KTLPIAFKVV	232	>RUNX1-K11 RTLPIAFKVV	244	12
>RUNX1-K11 KTLPIAFKVV/	252	>RUNX1-K11 RTLPIAFKVV/	262	10
>RUNX1-K11 KTLPIAFK	108	>RUNX1-K11 RTLPIAFK	72	36
>RUNX1-K11 KTLPIAFKV	88	>RUNX1-K11 RTLPIAFKV	53	35
>RUNX1-K11 KTLPIAFKV	12	>RUNX1-K11 RTLPIAFKV	9	3

>RUNX1-K11 KTLPIAFKVV	302	>RUNX1-K11 RTLPIAFKVV	222	80
>RUNX1-K11 KTLPIAFKV	14	>RUNX1-K11 RTLPIAFKV	9	5
>RUNX1-K11 KTLPIAFKVV	44	>RUNX1-K11 RTLPIAFKVV	25	19
>RUNX1-K11 KTLPIAFKVV#	651	>RUNX1-K11 RTLPIAFKVV#	303	348
>RUNX1-K11 KTLPIAFKV	400	>RUNX1-K11 RTLPIAFKV	434	34
>RUNX1-K11 KTLPIAFKV	242	>RUNX1-K11 RTLPIAFKV	376	134
>RUNX1-K11 KTLPIAFKV	85	>RUNX1-K11 RTLPIAFKV	47	38
>RUNX1-K11 KTLPIAFKVV#	858	>RUNX1-K11 RTLPIAFKVV#	481	377
>RUNX1-K11 KTLPIAFK	357	>RUNX1-K11 RTLPIAFK	429	72
>RUNX1-K11 KTLPIAFK	151	>RUNX1-K11 RTLPIAFK	274	123
>RUNX1-K11 KTLPIAFKV	199	>RUNX1-K11 RTLPIAFKV	106	93
>RUNX1-K11 NKTLPIAF	33	>RUNX1-K11 NRTLPIAF	298	265
>RUNX1-K11 SVLPTHWRCI	178	>RUNX1-K11 SVLPTHWRCI	3501	3323
>RUNX1-K11 SVLPTHWRCI	10	>RUNX1-K11 SVLPTHWRCI	31	21
>RUNX1-K11 SVLPTHWRCI	9	>RUNX1-K11 SVLPTHWRCI	438	429
>RUNX1-K11 SVLPTHWRCI	70	>RUNX1-K11 SVLPTHWRCI	12	58
>RUNX1-K11 SVLPTHWRCI	1830	>RUNX1-K11 SVLPTHWRCI	82	1748
>RUNX1-K11 SVLPTHWRCI	233	>RUNX1-K11 SVLPTHWRCI	63	170
>RUNX1-K11 SVLPTHWRCI	234	>RUNX1-K11 SVLPTHWRCI	336	102
>RUNX1-K11 SVLPTHWRCI	914	>RUNX1-K11 SVLPTHWRCI	68	846
>RUNX1-K11 CNKTLPIAFK	83	>RUNX1-K11 CNRTLPIAFK	17	66
>RUNX1-K11 CNKTLPIAF	168	>RUNX1-K11 CNRTLPIAF	74	94
>RUNX1-K11 RCNKTLPIAF#	282	>RUNX1-K11 RCNRTLPIAF#	270	12
>RUNX1-K11 RCNKTLPI	129	>RUNX1-K11 RCNRTLPI	57	72
>RUNX1-K11 RCNKTLPIA	146	>RUNX1-K11 RCNRTLPIA	59	87
>RUNX1-K11 RCNKTLPIAF#	9	>RUNX1-K11 RCNRTLPIAF#	7	2
>RUNX1-K11 RCNKTLPIAF#	155	>RUNX1-K11 RCNRTLPIAF#	119	36
>RUNX1-K11 RCNKTLPI	134	>RUNX1-K11 RCNRTLPI	93	41
>RUNX1-K11 RCNKTLPIAF	134	>RUNX1-K11 RCNRTLPIAF	120	14
>RUNX1-K11 RCNKTLPIAF	42	>RUNX1-K11 RCNRTLPIAF	43	1
>RUNX1-K11 WRCNKTLPI	433	>RUNX1-K11 WRCNRTLPI	273	160
>RUNX1-K11 WRCNKTLPIA	34	>RUNX1-K11 WRCNRTLPIA	26	8
>RUNX1-K11 WRCNKTLPI	652	>RUNX1-K11 WRCNRTLPI	270	382
>RUNX1-K11 WRCNKTLPIA	176	>RUNX1-K11 WRCNRTLPIA	112	64
>RUNX1-K11 WRCNKTLPIA	659	>RUNX1-K11 WRCNRTLPIA	381	278
>RUNX1-K11 WRCNKTLPI	400	>RUNX1-K11 WRCNRTLPI	136	264
>RUNX1-K11 WRCNKTLPIA	221	>RUNX1-K11 WRCNRTLPIA	103	118
>RUNX1-K11 WRCNKTLPIA	598	>RUNX1-K11 WRCNRTLPIA	324	274
>RUNX1-K11 WRCNKTLPI	288	>RUNX1-K11 WRCNRTLPI	57	231
>RUNX1-K11 WRCNKTLPIA	245	>RUNX1-K11 WRCNRTLPIA	154	91
>RUNX1-K11 WRCNKTLPIA	62	>RUNX1-K11 WRCNRTLPIA	24	38
>RUNX1-K11 HWRCNKTL	320	>RUNX1-K11 HWRCNRTL	112	208
>RUNX1-K11 HWRCNKTLP	23	>RUNX1-K11 HWRCNRTL	11	12

>RUNX1-K11 HWRCNKTLP	32	>RUNX1-K11 HWRCNRTL	14	18
>RUNX1-K11 HWRCNKTL	393	>RUNX1-K11 HWRCNRTL	310	83
>RUNX1-K11 HWRCNKTLP	1009	>RUNX1-K11 HWRCNRTL	444	565
>RUNX1-K11 THWRCNKTL	233	>RUNX1-K11 THWRCNRTL	215	18
>RUNX1-K11 THWRCNKTL	462	>RUNX1-K11 THWRCNRTL	816	354
>RUNX1-K11 THWRCNKTL	277	>RUNX1-K11 THWRCNRTL	242	35
>RUNX1-K11 THWRCNKTL	312	>RUNX1-K11 THWRCNRTL	281	31
>RUNX1-K11 PTHWRCNK	71	>RUNX1-K11 PTHWRCNR	3396	3325
>RUNX1-K11 PTHWRCNK	3842	>RUNX1-K11 PTHWRCNR	251	3591
>RUNX1-K11 PTHWRCNK	3859	>RUNX1-K11 PTHWRCNR	164	3695
>RUNX1-K11 PTHWRCNK	970	>RUNX1-K11 PTHWRCNR	353	617
>RUNX1-K11 PTHWRCNK	7732	>RUNX1-K11 PTHWRCNR	433	7299
>RUNX1-K11 LPTHWRCNK	4165	>RUNX1-K11 LPTHWRCNR	193	3972
>RUNX1-K11 LPTHWRCNK	48	>RUNX1-K11 LPTHWRCNR	21	27
>RUNX1-K11 LPTHWRCNK	184	>RUNX1-K11 LPTHWRCNR	147	37
>RUNX1-K11 LPTHWRCNK	85	>RUNX1-K11 LPTHWRCNR	90	5
>RUNX1-K11 LPTHWRCNK	122	>RUNX1-K11 LPTHWRCNR	116	6
>RUNX1-K11 LPTHWRCNK	3197	>RUNX1-K11 LPTHWRCNR	348	2849
>RUNX1-K11 VLPTHWRCN	242	>RUNX1-K11 VLPTHWRCN	4069	3827
>RUNX1-K11 VLPTHWRCN	548	>RUNX1-K11 VLPTHWRCN	37	511
>RUNX1-K11 VLPTHWRCN	601	>RUNX1-K11 VLPTHWRCN	284	317
>RUNX1-K11 VLPTHWRCN	3069	>RUNX1-K11 VLPTHWRCN	225	2844
>RUNX1-K17 KSFTLTITV	158	>RUNX1-K17 NSFTLTITV	1771	1613
>RUNX1-K17 KSFTLTITV	71	>RUNX1-K17 NSFTLTITV	398	327
>RUNX1-K17 KSFTLTITV	255	>RUNX1-K17 NSFTLTITV	2312	2057
>RUNX1-K17 KSFTLTITV	399	>RUNX1-K17 NSFTLTITV	5246	4847
>RUNX1-K17 KSFTLTITV	21	>RUNX1-K17 NSFTLTITV	6021	6000
>RUNX1-K17 KSFTLTITVFT	136	>RUNX1-K17 NSFTLTITVFT	11236	11100
>RUNX1-K17 KSFTLTITV	9	>RUNX1-K17 NSFTLTITV	198	189
>RUNX1-K17 KSFTLTITVF	5	>RUNX1-K17 NSFTLTITVF	126	121
>RUNX1-K17 KSFTLTITVFT	95	>RUNX1-K17 NSFTLTITVFT	6250	6155
>RUNX1-K17 KSFTLTITV	381	>RUNX1-K17 NSFTLTITV	9	372
>RUNX1-K17 KSFTLTITVFT	3601	>RUNX1-K17 NSFTLTITVFT	87	3514
>RUNX1-K17 KSFTLTITV	1627	>RUNX1-K17 NSFTLTITV	47	1580
>RUNX1-K17 KSFTLTITVF	60	>RUNX1-K17 NSFTLTITVF	160	100
>RUNX1-K17 KSFTLTITV	141	>RUNX1-K17 NSFTLTITV	1190	1049
>RUNX1-K17 KSFTLTITVF	4	>RUNX1-K17 NSFTLTITVF	13	9
>RUNX1-K17 KSFTLTITV	36	>RUNX1-K17 NSFTLTITV	5902	5866
>RUNX1-K17 KSFTLTITVF	3	>RUNX1-K17 NSFTLTITVF	24	21
>RUNX1-K17 KSFTLTITVF	70	>RUNX1-K17 NSFTLTITVF	3527	3457
>RUNX1-K17 KSFTLTITV	271	>RUNX1-K17 NSFTLTITV	16544	16273
>RUNX1-K17 KSFTLTITVF	11	>RUNX1-K17 NSFTLTITVF	401	390
>RUNX1-K17 KSFTLTITV	118	>RUNX1-K17 NSFTLTITV	1096	978

>RUNX1-K17 KSFTLTITVF	82	>RUNX1-K17 NSFTLTITVF	490	408
>RUNX1-K17 KSFTLTITV	180	>RUNX1-K17 NSFTLTITV	1315	1135
>RUNX1-K17 GKSFTLTI	309	>RUNX1-K17 GNSFTLTI	11290	10981
>RUNX1-K17 GKSFTLTITVF	7	>RUNX1-K17 GNSFTLTITVF	595	588
>RUNX1-K17 GKSFTLTITV	251	>RUNX1-K17 GNSFTLTITV	72	179
>RUNX1-K17 LRFVGRSGRC	37	>RUNX1-K17 LRFVGRSGRC	570	533
>RUNX1-K17 LRFVGRSGRC	166	>RUNX1-K17 LRFVGRSGRC	1390	1224
>RUNX1-K17 RGKSFTLTI	17	>RUNX1-K17 RGNSFTLTI	336	319
>RUNX1-K17 RGKSFTLTITV	27	>RUNX1-K17 RGNSFTLTITV	704	677
>RUNX1-K17 RGKSFTLTI	272	>RUNX1-K17 RGNSFTLTI	53	219
>RUNX1-K17 RGKSFTLTI	4759	>RUNX1-K17 RGNSFTLTI	112	4647
>RUNX1-K17 RGKSFTLTI	57	>RUNX1-K17 RGNSFTLTI	30	27
>RUNX1-K17 GRGKSFTLTI	152	>RUNX1-K17 GRGNSFTLTI	119	33
>RUNX1-K17 GRGKSFTLTI	361	>RUNX1-K17 GRGNSFTLTI	288	73
>RUNX1-K17 SGRGKSFTL	312	>RUNX1-K17 SGRGNSFTL	202	110
>RUNX1-K17 SGRGKSFTLTI	63	>RUNX1-K17 SGRGNSFTLTI	49	14
>RUNX1-K17 SGRGKSFTL	202	>RUNX1-K17 SGRGNSFTL	237	35
>RUNX1-K17 RSGRGKSF	476	>RUNX1-K17 RSGRGNSF	188	288
>RUNX1-K17 RSGRGKSFTL	238	>RUNX1-K17 RSGRGNSFTL	105	133
>RUNX1-K17 RSGRGKSF	140	>RUNX1-K17 RSGRGNSF	77	63
>RUNX1-K17 RSGRGKSF	34	>RUNX1-K17 RSGRGNSF	24	10
>RUNX1-K17 RSGRGKSF	9	>RUNX1-K17 RSGRGNSF	13	4
>RUNX1-K17 RSGRGKSFTL	15	>RUNX1-K17 RSGRGNSFTL	11	4
>RUNX1-K17 RSGRGKSF	389	>RUNX1-K17 RSGRGNSF	719	330
>RUNX1-K17 RSGRGKSF	194	>RUNX1-K17 RSGRGNSF	86	108
>RUNX1-K17 RSGRGKSFTL	164	>RUNX1-K17 RSGRGNSFTL	77	87
>RUNX1-K17 RSGRGKSF	22	>RUNX1-K17 RSGRGNSF	13	9
>RUNX1-K17 RSGRGKSFTL	187	>RUNX1-K17 RSGRGNSFTL	84	103
>RUNX1-K17 GRSGRGKSF	170	>RUNX1-K17 GRSGRGNSF	204	34
>RUNX1-K17 GRSGRGKSF	181	>RUNX1-K17 GRSGRGNSF	487	306
>RUNX1-K17 GRSGRGKSFT	120	>RUNX1-K17 GRSGRGNSFT	156	36
>RUNX1-K17 GRSGRGKSFT	590	>RUNX1-K17 GRSGRGNSFT	178	412
>RUNX1-K17 GRSGRGKSF	818	>RUNX1-K17 GRSGRGNSF	380	438
>RUNX1-K17 GRSGRGKSFT	188	>RUNX1-K17 GRSGRGNSFT	112	76
>RUNX1-K17 VGRSGRGK	151	>RUNX1-K17 VGRSGRGN	11177	11026
>RUNX1-K17 VGRSGRGKSF	639	>RUNX1-K17 VGRSGRGNSI	361	278
>RUNX1-K17 VGRSGRGKSF	170	>RUNX1-K17 VGRSGRGNSI	152	18
>RUNX1-K17 VGRSGRGKSF	213	>RUNX1-K17 VGRSGRGNSI	790	577
>RUNX1-K17 FVGRSGRGK	110	>RUNX1-K17 FVGRSGRGN	81	29
>RUNX1-K17 FVGRSGRGK	188	>RUNX1-K17 FVGRSGRGN	183	5
>RUNX1-K17 FVGRSGRGK	145	>RUNX1-K17 FVGRSGRGN	149	4
>RUNX1-K17 RFVGRSGRGI	115	>RUNX1-K17 RFVGRSGRGI	24403	24288
>RUNX1-K17 RFVGRSGRGI	115	>RUNX1-K17 RFVGRSGRGI	12230	12115

>RUNX1-K17 RFVGRSGRGI	74	>RUNX1-K17 RFVGRSGRGI	4412	4338
>RUNX1-K17 RFVGRSGRGI	406	>RUNX1-K17 RFVGRSGRGI	18796	18390
>RUNX1-L11: LPIAFKVV	195	>RUNX1-L11: PPIAFKVV	659	464
>RUNX1-L11: LPIAFKVVAL	37	>RUNX1-L11: PPIAFKVVAL	124	87
>RUNX1-L11: LPIAFKVV	236	>RUNX1-L11: PPIAFKVV	4748	4512
>RUNX1-L11: LPIAFKVVAL	44	>RUNX1-L11: PPIAFKVVAL	544	500
>RUNX1-L11: LPIAFKVV	241	>RUNX1-L11: PPIAFKVV	4366	4125
>RUNX1-L11: LPIAFKVV	350	>RUNX1-L11: PPIAFKVV	2999	2649
>RUNX1-L11: LPIAFKVV	9	>RUNX1-L11: PPIAFKVV	570	561
>RUNX1-L11: LPIAFKVVA	6	>RUNX1-L11: PPIAFKVVA	226	220
>RUNX1-L11: LPIAFKVVALC	51	>RUNX1-L11: PPIAFKVVALC	2442	2391
>RUNX1-L11: LPIAFKVVAL	39	>RUNX1-L11: PPIAFKVVAL	245	206
>RUNX1-L11: LPIAFKVVAL	42	>RUNX1-L11: PPIAFKVVAL	878	836
>RUNX1-L11: TLPIAFKVVAL	7612	>RUNX1-L11: TPPIAFKVVAI	413	7199
>RUNX1-L11: TLPIAFKV	23569	>RUNX1-L11: TPPIAFKV	83	23486
>RUNX1-L11: TLPIAFKVV	21370	>RUNX1-L11: TPPIAFKVV	151	21219
>RUNX1-L11: TLPIAFKVVAL	16191	>RUNX1-L11: TPPIAFKVVAI	75	16116
>RUNX1-L11: TLPIAFKV	262	>RUNX1-L11: TPPIAFKV	23098	22836
>RUNX1-L11: TLPIAFKV	85	>RUNX1-L11: TPPIAFKV	29485	29400
>RUNX1-L11: TLPIAFKVVAL	199	>RUNX1-L11: TPPIAFKVVAI	30965	30766
>RUNX1-L11: TLPIAFKV	57	>RUNX1-L11: TPPIAFKV	22221	22164
>RUNX1-L11: TLPIAFKVV	176	>RUNX1-L11: TPPIAFKVV	22936	22760
>RUNX1-L11: TLPIAFKVVAL	247	>RUNX1-L11: TPPIAFKVVAI	23612	23365
>RUNX1-L11: TLPIAFKV	83	>RUNX1-L11: TPPIAFKV	16465	16382
>RUNX1-L11: TLPIAFKV	17	>RUNX1-L11: TPPIAFKV	20020	20003
>RUNX1-L11: TLPIAFKVV	112	>RUNX1-L11: TPPIAFKVV	27160	27048
>RUNX1-L11: TLPIAFKVVAL	198	>RUNX1-L11: TPPIAFKVVAI	27201	27003
>RUNX1-L11: TLPIAFKV	181	>RUNX1-L11: TPPIAFKV	25165	24984
>RUNX1-L11: TLPIAFKV	13	>RUNX1-L11: TPPIAFKV	18168	18155
>RUNX1-L11: TLPIAFKVV	108	>RUNX1-L11: TPPIAFKVV	24717	24609
>RUNX1-L11: TLPIAFKV	92	>RUNX1-L11: TPPIAFKV	25866	25774
>RUNX1-L11: TLPIAFKV	4	>RUNX1-L11: TPPIAFKV	23834	23830
>RUNX1-L11: TLPIAFKVV	15	>RUNX1-L11: TPPIAFKVV	31291	31276
>RUNX1-L11: TLPIAFKVVA	267	>RUNX1-L11: TPPIAFKVVA	36511	36244
>RUNX1-L11: TLPIAFKVVAL	47	>RUNX1-L11: TPPIAFKVVAI	33898	33851
>RUNX1-L11: TLPIAFKV	166	>RUNX1-L11: TPPIAFKV	1383	1217
>RUNX1-L11: TLPIAFKVVA	31563	>RUNX1-L11: TPPIAFKVVA	303	31260
>RUNX1-L11: TLPIAFKVVAL	20010	>RUNX1-L11: TPPIAFKVVAI	324	19686
>RUNX1-L11: TLPIAFKVV	21797	>RUNX1-L11: TPPIAFKVV	125	21672
>RUNX1-L11: TLPIAFKVVA	26044	>RUNX1-L11: TPPIAFKVVA	268	25776
>RUNX1-L11: TLPIAFKV	1495	>RUNX1-L11: TPPIAFKV	80	1415
>RUNX1-L11: TLPIAFKVV	61	>RUNX1-L11: TPPIAFKVV	87	26
>RUNX1-L11: TLPIAFKVVAL	40	>RUNX1-L11: TPPIAFKVVAI	65	25

>RUNX1-L11:LPTHWRCNK	48	>RUNX1-L11:LPTHWRCNK	21030	20982
>RUNX1-L11:LPTHWRCNK	184	>RUNX1-L11:LPTHWRCNK	7278	7094
>RUNX1-L11:LPTHWRCNK	85	>RUNX1-L11:LPTHWRCNK	3375	3290
>RUNX1-L11:LPTHWRCNK	652	>RUNX1-L11:LPTHWRCNK	177	475
>RUNX1-L11:LPTHWRCNK	122	>RUNX1-L11:LPTHWRCNK	14666	14544
>RUNX1-L11:KTLPIAFKV	38	>RUNX1-L11:KTPPIAFKV	518	480
>RUNX1-L11:KTLPIAFKV	92	>RUNX1-L11:KTPPIAFKV	159	67
>RUNX1-L11:KTLPIAFKVV	360	>RUNX1-L11:KTPPIAFKVV	1049	689
>RUNX1-L11:KTLPIAFKV	14	>RUNX1-L11:KTPPIAFKV	50	36
>RUNX1-L11:KTLPIAFKVV	97	>RUNX1-L11:KTPPIAFKVV	367	270
>RUNX1-L11:KTLPIAFKVV/	308	>RUNX1-L11:KTPPIAFKVV/	1646	1338
>RUNX1-L11:KTLPIAFKV	10	>RUNX1-L11:KTPPIAFKV	59	49
>RUNX1-L11:KTLPIAFKVV	62	>RUNX1-L11:KTPPIAFKVV	447	385
>RUNX1-L11:KTLPIAFKV	39	>RUNX1-L11:KTPPIAFKV	1510	1471
>RUNX1-L11:KTLPIAFKVV	461	>RUNX1-L11:KTPPIAFKVV	4766	4305
>RUNX1-L11:KTLPIAFKV	15	>RUNX1-L11:KTPPIAFKV	84	69
>RUNX1-L11:KTLPIAFKVV	144	>RUNX1-L11:KTPPIAFKVV	1004	860
>RUNX1-L11:KTLPIAFKV	47	>RUNX1-L11:KTPPIAFKV	1127	1080
>RUNX1-L11:KTLPIAFKV	55	>RUNX1-L11:KTPPIAFKV	149	94
>RUNX1-L11:KTLPIAFKVV	454	>RUNX1-L11:KTPPIAFKVV	881	427
>RUNX1-L11:KTLPIAFK	38	>RUNX1-L11:KTPPIAFK	71	33
>RUNX1-L11:KTLPIAFK	9	>RUNX1-L11:KTPPIAFK	19	10
>RUNX1-L11:KTLPIAFK	5	>RUNX1-L11:KTPPIAFK	15	10
>RUNX1-L11:KTLPIAFKV	163	>RUNX1-L11:KTPPIAFKV	3563	3400
>RUNX1-L11:KTLPIAFKVV	117	>RUNX1-L11:KTPPIAFKVV	2922	2805
>RUNX1-L11:KTLPIAFKVV/	59	>RUNX1-L11:KTPPIAFKVV/	1786	1727
>RUNX1-L11:KTLPIAFK	12	>RUNX1-L11:KTPPIAFK	61	49
>RUNX1-L11:KTLPIAFKV	328	>RUNX1-L11:KTPPIAFKV	3022	2694
>RUNX1-L11:KTLPIAFKV	59	>RUNX1-L11:KTPPIAFKV	152	93
>RUNX1-L11:KTLPIAFKVV	232	>RUNX1-L11:KTPPIAFKVV	673	441
>RUNX1-L11:KTLPIAFKVV/	252	>RUNX1-L11:KTPPIAFKVV/	730	478
>RUNX1-L11:KTLPIAFK	108	>RUNX1-L11:KTPPIAFK	153	45
>RUNX1-L11:KTLPIAFKV	88	>RUNX1-L11:KTPPIAFKV	24	64
>RUNX1-L11:KTLPIAFKV	12	>RUNX1-L11:KTPPIAFKV	496	484
>RUNX1-L11:KTLPIAFKVV	302	>RUNX1-L11:KTPPIAFKVV	5220	4918
>RUNX1-L11:KTLPIAFKV	14	>RUNX1-L11:KTPPIAFKV	408	394
>RUNX1-L11:KTLPIAFKVV	44	>RUNX1-L11:KTPPIAFKVV	1699	1655
>RUNX1-L11:KTLPIAFKV	400	>RUNX1-L11:KTPPIAFKV	5075	4675
>RUNX1-L11:KTLPIAFKV	242	>RUNX1-L11:KTPPIAFKV	8843	8601
>RUNX1-L11:KTLPIAFK	16479	>RUNX1-L11:KTPPIAFK	53	16426
>RUNX1-L11:KTLPIAFKV	1066	>RUNX1-L11:KTPPIAFKV	3	1063
>RUNX1-L11:KTLPIAFKVV	1304	>RUNX1-L11:KTPPIAFKVV	3	1301
>RUNX1-L11:KTLPIAFKVV/	10391	>RUNX1-L11:KTPPIAFKVV/	26	10365

>RUNX1-L11:KTLPIAFKV	85	>RUNX1-L11:KTPPIAFKV	1716	1631
>RUNX1-L11:KTLPIAFK	357	>RUNX1-L11:KTPPIAFK	2159	1802
>RUNX1-L11:KTLPIAFK	151	>RUNX1-L11:KTPPIAFK	403	252
>RUNX1-L11:KTLPIAFKV	199	>RUNX1-L11:KTPPIAFKV	346	147
>RUNX1-L11:NKTLPIAF	33	>RUNX1-L11:NKTPPIAF	12	21
>RUNX1-L11:CNKTLPIAFK	83	>RUNX1-L11:CNKTPPIAFK	79	4
>RUNX1-L11:CNKTLPIAF	168	>RUNX1-L11:CNKTPPIAF	74	94
>RUNX1-L11:RCNKTLPIAFK	282	>RUNX1-L11:RCNKTPPIAFI	241	41
>RUNX1-L11:RCNKTLPI	129	>RUNX1-L11:RCNKTPPI	89	40
>RUNX1-L11:RCNKTLPIA	146	>RUNX1-L11:RCNKTPPIA	126	20
>RUNX1-L11:RCNKTLPIAFK	9	>RUNX1-L11:RCNKTPPIAFI	8	1
>RUNX1-L11:RCNKTLPIAFK	155	>RUNX1-L11:RCNKTPPIAFI	245	90
>RUNX1-L11:RCNKTLPI	134	>RUNX1-L11:RCNKTPPI	182	48
>RUNX1-L11:RCNKTLPIAF	134	>RUNX1-L11:RCNKTPPIAF	120	14
>RUNX1-L11:RCNKTLPIAF	42	>RUNX1-L11:RCNKTPPIAF	21	21
>RUNX1-L11:WRCNKTLPI	433	>RUNX1-L11:WRCNKTPPI	600	167
>RUNX1-L11:WRCNKTLPIA	34	>RUNX1-L11:WRCNKTPPIA	28	6
>RUNX1-L11:WRCNKTLPIA	176	>RUNX1-L11:WRCNKTPPIA	78	98
>RUNX1-L11:WRCNKTLPI	400	>RUNX1-L11:WRCNKTPPI	553	153
>RUNX1-L11:WRCNKTLPIA	221	>RUNX1-L11:WRCNKTPPIA	294	73
>RUNX1-L11:WRCNKTLPI	874	>RUNX1-L11:WRCNKTPPI	324	550
>RUNX1-L11:WRCNKTLPI	288	>RUNX1-L11:WRCNKTPPI	543	255
>RUNX1-L11:WRCNKTLPIA	245	>RUNX1-L11:WRCNKTPPIA	250	5
>RUNX1-L11:WRCNKTLPIA	62	>RUNX1-L11:WRCNKTPPIA	130	68
>RUNX1-L11:HWRCNKTL	320	>RUNX1-L11:HWRCNKTP	2584	2264
>RUNX1-L11:HWRCNKTLPI	23	>RUNX1-L11:HWRCNKTPPI	17	6
>RUNX1-L11:HWRCNKTLPI	32	>RUNX1-L11:HWRCNKTPPI	28	4
>RUNX1-L11:HWRCNKTL	393	>RUNX1-L11:HWRCNKTP	1106	713
>RUNX1-L11:THWRCNKTL	233	>RUNX1-L11:THWRCNKTP	315	82
>RUNX1-L11:THWRCNKTL	462	>RUNX1-L11:THWRCNKTP	7812	7350
>RUNX1-L11:THWRCNKTL	277	>RUNX1-L11:THWRCNKTP	3225	2948
>RUNX1-L11:THWRCNKTL	312	>RUNX1-L11:THWRCNKTP	24691	24379
>RUNX1-L14:LRNATAAM	83	>RUNX1-L14:PRNATAAM	1153	1070
>RUNX1-L14:LRNATAAM	166	>RUNX1-L14:PRNATAAM	2122	1956
>RUNX1-L14:LRNATAAMK	96	>RUNX1-L14:PRNATAAMK	1218	1122
>RUNX1-L14:LRNATAAM	95	>RUNX1-L14:PRNATAAM	1776	1681
>RUNX1-L14:ELRNATAAM	117	>RUNX1-L14:EPRNATAAM	11616	11499
>RUNX1-L14:ELRNATAAM	47	>RUNX1-L14:EPRNATAAM	2500	2453
>RUNX1-L14:ELRNATAAM	206	>RUNX1-L14:EPRNATAAM	950	744
>RUNX1-L14:ELRNATAAM	25	>RUNX1-L14:EPRNATAAM	373	348
>RUNX1-L14:ELRNATAAM	165	>RUNX1-L14:EPRNATAAM	11161	10996
>RUNX1-L14:ELRNATAAM	375	>RUNX1-L14:EPRNATAAM	3496	3121
>RUNX1-L14:ELRNATAA	15895	>RUNX1-L14:EPRNATAA	59	15836

>RUNX1-L14:ELRNATAAM	775	>RUNX1-L14:EPRNATAAM	12	763
>RUNX1-L14:ELRNATAAM	422	>RUNX1-L14:EPRNATAAM	470	48
>RUNX1-L14:ELRNATAAM	81	>RUNX1-L14:EPRNATAAM	10928	10847
>RUNX1-L14:ELRNATAAM	293	>RUNX1-L14:EPRNATAAM	4439	4146
>RUNX1-L14:ELRNATAAM	374	>RUNX1-L14:EPRNATAAM	3770	3396
>RUNX1-L14:ELRNATAA	17195	>RUNX1-L14:EPRNATAA	326	16869
>RUNX1-L14:ELRNATAAM	206	>RUNX1-L14:EPRNATAAM	9	197
>RUNX1-L14:ELRNATAA	25731	>RUNX1-L14:EPRNATAA	65	25666
>RUNX1-L14:ELRNATAAM	14205	>RUNX1-L14:EPRNATAAM	432	13773
>RUNX1-L14:AGNDENYSAI	369	>RUNX1-L14:AGNDENYSAI	15259	14890
>RUNX1-L14:AELRNATAAM	344	>RUNX1-L14:AEPRNATAAI	1286	942
>RUNX1-L14:AELRNATAAM	133	>RUNX1-L14:AEPRNATAAI	2364	2231
>RUNX1-L14:AELRNATA	443	>RUNX1-L14:AEPRNATA	5268	4825
>RUNX1-L14:AELRNATAA	77	>RUNX1-L14:AEPRNATAA	1244	1167
>RUNX1-L14:AELRNATAAM	247	>RUNX1-L14:AEPRNATAAI	264	17
>RUNX1-L14:AELRNATAAM	175	>RUNX1-L14:AEPRNATAAI	595	420
>RUNX1-L14:AELRNATA	10	>RUNX1-L14:AEPRNATA	369	359
>RUNX1-L14:AELRNATAA	6	>RUNX1-L14:AEPRNATAA	156	150
>RUNX1-L14:AELRNATAAM	441	>RUNX1-L14:AEPRNATAAI	8145	7704
>RUNX1-L14:AELRNATAAM	12	>RUNX1-L14:AEPRNATAAI	87	75
>RUNX1-L14:SAELRNATAA	733	>RUNX1-L14:SAEPRNATAA	394	339
>RUNX1-L14:SAELRNATAA	495	>RUNX1-L14:SAEPRNATAA	94	401
>RUNX1-L14:SAELRNATAA	199	>RUNX1-L14:SAEPRNATAA	117	82
>RUNX1-L14:YSAELRNATA	493	>RUNX1-L14:YSAEPRNATA	1514	1021
>RUNX1-L14:YSAELRNATA	345	>RUNX1-L14:YSAEPRNATA	463	118
>RUNX1-L14:YSAELRNA	456	>RUNX1-L14:YSAEPRNA	386	70
>RUNX1-L14:YSAELRNAT	536	>RUNX1-L14:YSAEPRNAT	322	214
>RUNX1-L14:YSAELRNATA	201	>RUNX1-L14:YSAEPRNATA	286	85
>RUNX1-L14:YSAELRNATA	92	>RUNX1-L14:YSAEPRNATA	72	20
>RUNX1-L14:YSAELRNATA	676	>RUNX1-L14:YSAEPRNATA	375	301
>RUNX1-L14:ENYSAELR	11	>RUNX1-L14:ENYSAEPR	21	10
>RUNX1-L14:ENYSAELR	687	>RUNX1-L14:ENYSAEPR	432	255
>RUNX1-L14:DENYSAEL	325	>RUNX1-L14:DENYSAEP	8702	8377
>RUNX1-L14:DENYSAELR	110	>RUNX1-L14:DENYSAEPR	320	210
>RUNX1-L14:DENYSAEL	75	>RUNX1-L14:DENYSAEP	3672	3597
>RUNX1-L14:DENYSAELR	3799	>RUNX1-L14:DENYSAEPR	448	3351
>RUNX1-L14:DENYSAEL	489	>RUNX1-L14:DENYSAEP	15333	14844
>RUNX1-L56:LPLGAPDA	338	>RUNX1-L56:SPLGAPDA	265	73
>RUNX1-L56:LPLGAPDAG/	221	>RUNX1-L56:SPLGAPDAG/	188	33
>RUNX1-L56:LPLGAPDAG	118	>RUNX1-L56:SPLGAPDAG	755	637
>RUNX1-L56:LPLGAPDAG/	76	>RUNX1-L56:SPLGAPDAG/	484	408
>RUNX1-L56:LPLGAPDA	18	>RUNX1-L56:SPLGAPDA	431	413
>RUNX1-L56:LPLGAPDAG	46	>RUNX1-L56:SPLGAPDAG	1195	1149



>RUNX1-L56:LPLGAPDAG/	17	>RUNX1-L56:SPLGAPDAG/	38	21
>RUNX1-L56:LPLGAPDAG/	8	>RUNX1-L56:SPLGAPDAG/	68	60
>RUNX1-L56:ALPLGAPDAC	295	>RUNX1-L56:ASPLGAPDAC	14330	14035
>RUNX1-L56:ALPLGAPDAC	465	>RUNX1-L56:ASPLGAPDAC	24184	23719
>RUNX1-L56:ALPLGAPDA	173	>RUNX1-L56:ASPLGAPDA	21669	21496
>RUNX1-L56:ALPLGAPDAC	256	>RUNX1-L56:ASPLGAPDAC	20230	19974
>RUNX1-L56:ALPLGAPDA	38	>RUNX1-L56:ASPLGAPDA	31612	31574
>RUNX1-L56:ALPLGAPDAC	29	>RUNX1-L56:ASPLGAPDAC	31058	31029
>RUNX1-L56:ALSPGKMSE/	384	>RUNX1-L56:ALSPGKMSE/	13910	13526
>RUNX1-L56:ALSPGKMSE/	13	>RUNX1-L56:ALSPGKMSE/	1303	1290
>RUNX1-L56:ALSPGKMSE/	33	>RUNX1-L56:ALSPGKMSE/	2739	2706
>RUNX1-L56:ALSPGKMSE/	189	>RUNX1-L56:ALSPGKMSE/	6244	6055
>RUNX1-L56:ALSPGKMSE/	42	>RUNX1-L56:ALSPGKMSE/	4553	4511
>RUNX1-L56:ALSPGKMSE/	64	>RUNX1-L56:ALSPGKMSE/	13244	13180
>RUNX1-L56:ALSPGKMSE/	77	>RUNX1-L56:ALSPGKMSE/	10034	9957
>RUNX1-L56:ALSPGKMSE/	131	>RUNX1-L56:ALSPGKMSE/	16574	16443
>RUNX1-L56:ALSPGKMSE/	4	>RUNX1-L56:ALSPGKMSE/	468	464
>RUNX1-L56:ALSPGKMSE/	394	>RUNX1-L56:ALSPGKMSE/	6781	6387
>RUNX1-L56:EALPLGAPDA	177	>RUNX1-L56:EASPLGAPDA	2106	1929
>RUNX1-L56:SEALPLGA	209	>RUNX1-L56:SEASPLGA	2183	1974
>RUNX1-L56:SEALPLGA	37	>RUNX1-L56:SEASPLGA	28	9
>RUNX1-L56:SEALPLGAPD	23	>RUNX1-L56:SEASPLGAPD	21	2
>RUNX1-L56:KMSEALPL	14	>RUNX1-L56:KMSEASPL	28	14
>RUNX1-L56:KMSEALPLG/	52	>RUNX1-L56:KMSEASPLG/	96	44
>RUNX1-L56:KMSEALPL	6	>RUNX1-L56:KMSEASPL	6	0
>RUNX1-L56:KMSEALPLG	404	>RUNX1-L56:KMSEASPLG	858	454
>RUNX1-L56:KMSEALPLG/	32	>RUNX1-L56:KMSEASPLG/	46	14
>RUNX1-L56:KMSEALPL	8	>RUNX1-L56:KMSEASPL	8	0
>RUNX1-L56:KMSEALPLG/	26	>RUNX1-L56:KMSEASPLG/	25	1
>RUNX1-L56:KMSEALPL	8	>RUNX1-L56:KMSEASPL	18	10
>RUNX1-L56:KMSEALPLG	272	>RUNX1-L56:KMSEASPLG	1793	1521
>RUNX1-L56:KMSEALPLG/	87	>RUNX1-L56:KMSEASPLG/	229	142
>RUNX1-L56:KMSEALPL	7	>RUNX1-L56:KMSEASPL	9	2
>RUNX1-L56:KMSEALPLG/	8	>RUNX1-L56:KMSEASPLG/	12	4
>RUNX1-L56:KMSEALPL	7	>RUNX1-L56:KMSEASPL	7	0
>RUNX1-L56:KMSEALPLG/	23	>RUNX1-L56:KMSEASPLG/	26	3
>RUNX1-L56:KMSEALPL	11	>RUNX1-L56:KMSEASPL	16	5
>RUNX1-L56:KMSEALPLG/	14	>RUNX1-L56:KMSEASPLG/	16	2
>RUNX1-L56:KMSEALPL	21	>RUNX1-L56:KMSEASPL	20	1
>RUNX1-L56:KMSEALPLG/	44	>RUNX1-L56:KMSEASPLG/	35	9
>RUNX1-L56:KMSEALPL	7	>RUNX1-L56:KMSEASPL	8	1
>RUNX1-L56:KMSEALPLG/	21	>RUNX1-L56:KMSEASPLG/	25	4
>RUNX1-L56:KMSEALPLG/	615	>RUNX1-L56:KMSEASPLG/	249	366

>RUNX1-L56!KMSEALPL	82	>RUNX1-L56!KMSEASPL	129	47
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>RUNX1-L56!KMSEALPL	70	>RUNX1-L56!KMSEASPL	32	38
>RUNX1-L56!KMSEALPL	248	>RUNX1-L56!KMSEASPL	202	46
>RUNX1-L56!KMSEALPL	553	>RUNX1-L56!KMSEASPL	319	234
>RUNX1-L56!KMSEALPL	460	>RUNX1-L56!KMSEASPL	318	142
>RUNX1-L56!GKMSEALPL	17	>RUNX1-L56!GKMSEASPL	10	7
>RUNX1-L56!GKMSEALPL	39	>RUNX1-L56!GKMSEASPL	47	8
>RUNX1-L56!SPGKMSEAL	433	>RUNX1-L56!SPGKMSEAS	39969	39536
>RUNX1-L56!SPGKMSEAL	22	>RUNX1-L56!SPGKMSEAS	12129	12107
>RUNX1-L56!SPGKMSEALF	22	>RUNX1-L56!SPGKMSEASF	22	0
>RUNX1-L56!SPGKMSEAL	432	>RUNX1-L56!SPGKMSEAS	2843	2411
>RUNX1-L56!SPGKMSEALF	367	>RUNX1-L56!SPGKMSEASF	359	8
>RUNX1-L56!SPGKMSEAL	256	>RUNX1-L56!SPGKMSEAS	8456	8200
>RUNX1-L56!LSPGKMSEAL	435	>RUNX1-L56!LSPGKMSEAS	14823	14388
>RUNX1-L56!LSPGKMSEAL	8	>RUNX1-L56!LSPGKMSEAS	2163	2155
>RUNX1-L56!LSPGKMSEAL	361	>RUNX1-L56!LSPGKMSEAS	2758	2397
>RUNX1-L56!LSPGKMSEAL	402	>RUNX1-L56!LSPGKMSEAS	10458	10056
>RUNX1-M4{MAPSARLEE\	14	>RUNX1-M4{LAPSARLEEA\	351	337
>RUNX1-M4{MAPSARLEE\	404	>RUNX1-M4{LAPSARLEEA\	314	90
>RUNX1-M4{NMAPSARL	474	>RUNX1-M4{NLAPSARL	616	142
>RUNX1-M4{NMAPSARL	17	>RUNX1-M4{NLAPSARL	16	1
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>RUNX1-P11 LPIAFKVVA	23776	>RUNX1-P11 LLIAFKVVA	297	23479
>RUNX1-P11 LPIAFKVVAL	17396	>RUNX1-P11 LLIAFKVVAL	96	17300

>RUNX1-P11 LPIAFKVV	18006	>RUNX1-P11 LLIAFKVV	65	17941
>RUNX1-P11 LPIAFKVVA	25187	>RUNX1-P11 LLIAFKVVA	170	25017
>RUNX1-P11 LPIAFKVVAL	6750	>RUNX1-P11 LLIAFKVVAL	25	6725
>RUNX1-P11 LPIAFKVVALC	26587	>RUNX1-P11 LLIAFKVVALC	321	26266
>RUNX1-P11 LPIAFKVV	14155	>RUNX1-P11 LLIAFKVV	13	14142
>RUNX1-P11 LPIAFKVVA	20089	>RUNX1-P11 LLIAFKVVA	221	19868
>RUNX1-P11 LPIAFKVVAL	10911	>RUNX1-P11 LLIAFKVVAL	35	10876
>RUNX1-P11 LPIAFKVV	10202	>RUNX1-P11 LLIAFKVV	42	10160
>RUNX1-P11 LPIAFKVVAL	8376	>RUNX1-P11 LLIAFKVVAL	141	8235
>RUNX1-P11 LPIAFKVV	14151	>RUNX1-P11 LLIAFKVV	5	14146
>RUNX1-P11 LPIAFKVVA	24843	>RUNX1-P11 LLIAFKVVA	55	24788
>RUNX1-P11 LPIAFKVVAL	16532	>RUNX1-P11 LLIAFKVVAL	7	16525
>RUNX1-P11 LPIAFKVV	20442	>RUNX1-P11 LLIAFKVV	11	20431
>RUNX1-P11 LPIAFKVVAL	19880	>RUNX1-P11 LLIAFKVVAL	19	19861
>RUNX1-P11 LPIAFKVV	22665	>RUNX1-P11 LLIAFKVV	30	22635
>RUNX1-P11 LPIAFKVVAL	25228	>RUNX1-P11 LLIAFKVVAL	140	25088
>RUNX1-P11 LPIAFKVV	23473	>RUNX1-P11 LLIAFKVV	121	23352
>RUNX1-P11 LPIAFKVVAL	24349	>RUNX1-P11 LLIAFKVVAL	405	23944
>RUNX1-P11 LPIAFKVV	18269	>RUNX1-P11 LLIAFKVV	3	18266
>RUNX1-P11 LPIAFKVVA	32012	>RUNX1-P11 LLIAFKVVA	12	32000
>RUNX1-P11 LPIAFKVVAL	25946	>RUNX1-P11 LLIAFKVVAL	4	25942
>RUNX1-P11 LPIAFKVVAL	15169	>RUNX1-P11 LLIAFKVVAL	381	14788
>RUNX1-P11 LPIAFKVV	236	>RUNX1-P11 LLIAFKVV	22420	22184
>RUNX1-P11 LPIAFKVVAL	12676	>RUNX1-P11 LLIAFKVVAL	172	12504
>RUNX1-P11 LPIAFKVVAL	1051	>RUNX1-P11 LLIAFKVVAL	161	890
>RUNX1-P11 LPIAFKVVAL	44	>RUNX1-P11 LLIAFKVVAL	407	363
>RUNX1-P11 LPIAFKVV	241	>RUNX1-P11 LLIAFKVV	20103	19862
>RUNX1-P11 LPIAFKVV	350	>RUNX1-P11 LLIAFKVV	32065	31715
>RUNX1-P11 LPIAFKVV	9	>RUNX1-P11 LLIAFKVV	6010	6001
>RUNX1-P11 LPIAFKVVA	6	>RUNX1-P11 LLIAFKVVA	2674	2668
>RUNX1-P11 LPIAFKVVALC	51	>RUNX1-P11 LLIAFKVVALC	21604	21553
>RUNX1-P11 LPIAFKVVAL	39	>RUNX1-P11 LLIAFKVVAL	2163	2124
>RUNX1-P11 LPIAFKVVAL	42	>RUNX1-P11 LLIAFKVVAL	14118	14076
>RUNX1-P11 TLPIAFKV	262	>RUNX1-P11 TLLIAFKV	36	226
>RUNX1-P11 TLPIAFKVVAL	1631	>RUNX1-P11 TLLIAFKVVAL	247	1384
>RUNX1-P11 TLPIAFKV	85	>RUNX1-P11 TLLIAFKV	80	5
>RUNX1-P11 TLPIAFKVVAL	199	>RUNX1-P11 TLLIAFKVVAL	271	72
>RUNX1-P11 TLPIAFKV	57	>RUNX1-P11 TLLIAFKV	150	93
>RUNX1-P11 TLPIAFKVV	176	>RUNX1-P11 TLLIAFKVV	502	326
>RUNX1-P11 TLPIAFKVVAL	247	>RUNX1-P11 TLLIAFKVVAL	577	330
>RUNX1-P11 TLPIAFKV	83	>RUNX1-P11 TLLIAFKV	23	60
>RUNX1-P11 TLPIAFKVV	608	>RUNX1-P11 TLLIAFKVV	138	470
>RUNX1-P11 TLPIAFKVVAL	789	>RUNX1-P11 TLLIAFKVVAL	253	536



>RUNX1-P11 TLPIAFKV	17	>RUNX1-P11 TLLIAFKV	4	13
>RUNX1-P11 TLPIAFKVV	112	>RUNX1-P11 TLLIAFKVV	15	97
>RUNX1-P11 TLPIAFKVVA	1951	>RUNX1-P11 TLLIAFKVVA	298	1653
>RUNX1-P11 TLPIAFKVVAL	198	>RUNX1-P11 TLLIAFKVVAL	26	172
>RUNX1-P11 TLPIAFKV	181	>RUNX1-P11 TLLIAFKV	16	165
>RUNX1-P11 TLPIAFKVV	1907	>RUNX1-P11 TLLIAFKVV	90	1817
>RUNX1-P11 TLPIAFKVVAL	1396	>RUNX1-P11 TLLIAFKVVAL	113	1283
>RUNX1-P11 TLPIAFKV	13	>RUNX1-P11 TLLIAFKV	6	7
>RUNX1-P11 TLPIAFKVV	108	>RUNX1-P11 TLLIAFKVV	17	91
>RUNX1-P11 TLPIAFKVVA	3106	>RUNX1-P11 TLLIAFKVVA	363	2743
>RUNX1-P11 TLPIAFKVVAL	559	>RUNX1-P11 TLLIAFKVVAL	77	482
>RUNX1-P11 TLPIAFKV	92	>RUNX1-P11 TLLIAFKV	6	86
>RUNX1-P11 TLPIAFKVV	3800	>RUNX1-P11 TLLIAFKVV	48	3752
>RUNX1-P11 TLPIAFKVVAL	3665	>RUNX1-P11 TLLIAFKVVAL	143	3522
>RUNX1-P11 TLPIAFKV	4	>RUNX1-P11 TLLIAFKV	3	1
>RUNX1-P11 TLPIAFKVV	15	>RUNX1-P11 TLLIAFKVV	10	5
>RUNX1-P11 TLPIAFKVVA	267	>RUNX1-P11 TLLIAFKVVA	131	136
>RUNX1-P11 TLPIAFKVVAL	47	>RUNX1-P11 TLLIAFKVVAL	24	23
>RUNX1-P11 TLPIAFKV	166	>RUNX1-P11 TLLIAFKV	764	598
>RUNX1-P11 TLPIAFKV	702	>RUNX1-P11 TLLIAFKV	29	673
>RUNX1-P11 TLPIAFKVVAL	1292	>RUNX1-P11 TLLIAFKVVAL	222	1070
>RUNX1-P11 TLPIAFKVV	61	>RUNX1-P11 TLLIAFKVV	14471	14410
>RUNX1-P11 TLPIAFKVVAL	40	>RUNX1-P11 TLLIAFKVVAL	10709	10669
>RUNX1-P11 KTLPIAFKV	38	>RUNX1-P11 KTLLIAFKV	114	76
>RUNX1-P11 KTLPIAFKV	92	>RUNX1-P11 KTLLIAFKV	407	315
>RUNX1-P11 KTLPIAFKVV	360	>RUNX1-P11 KTLLIAFKVV	561	201
>RUNX1-P11 KTLPIAFKV	14	>RUNX1-P11 KTLLIAFKV	18	4
>RUNX1-P11 KTLPIAFKVV	97	>RUNX1-P11 KTLLIAFKVV	169	72
>RUNX1-P11 KTLPIAFKVVA	308	>RUNX1-P11 KTLLIAFKVVA	1120	812
>RUNX1-P11 KTLPIAFKV	10	>RUNX1-P11 KTLLIAFKV	44	34
>RUNX1-P11 KTLPIAFKVV	62	>RUNX1-P11 KTLLIAFKVV	288	226
>RUNX1-P11 KTLPIAFKV	39	>RUNX1-P11 KTLLIAFKV	189	150
>RUNX1-P11 KTLPIAFKVV	461	>RUNX1-P11 KTLLIAFKVV	1160	699
>RUNX1-P11 KTLPIAFKV	15	>RUNX1-P11 KTLLIAFKV	28	13
>RUNX1-P11 KTLPIAFKVV	144	>RUNX1-P11 KTLLIAFKVV	364	220
>RUNX1-P11 KTLPIAFKV	47	>RUNX1-P11 KTLLIAFKV	103	56
>RUNX1-P11 KTLPIAFKV	55	>RUNX1-P11 KTLLIAFKV	890	835
>RUNX1-P11 KTLPIAFKVV	454	>RUNX1-P11 KTLLIAFKVV	3257	2803
>RUNX1-P11 KTLPIAFK	38	>RUNX1-P11 KTLLIAFK	48	10
>RUNX1-P11 KTLPIAFK	9	>RUNX1-P11 KTLLIAFK	11	2
>RUNX1-P11 KTLPIAFK	5	>RUNX1-P11 KTLLIAFK	5	0
>RUNX1-P11 KTLPIAFKV	163	>RUNX1-P11 KTLLIAFKV	456	293
>RUNX1-P11 KTLPIAFKVV	117	>RUNX1-P11 KTLLIAFKVV	274	157

>RUNX1-P11 KTLPIAFKVVA	59	>RUNX1-P11 KTLPIAFKVVA	135	76
>RUNX1-P11 KTLPIAFK	12	>RUNX1-P11 KTLPIAFK	13	1
>RUNX1-P11 KTLPIAFKV	328	>RUNX1-P11 KTLPIAFKV	583	255
>RUNX1-P11 KTLPIAFKV	59	>RUNX1-P11 KTLPIAFKV	42	17
>RUNX1-P11 KTLPIAFKVV	232	>RUNX1-P11 KTLPIAFKVV	188	44
>RUNX1-P11 KTLPIAFKVVA	252	>RUNX1-P11 KTLPIAFKVVA	194	58
>RUNX1-P11 KTLPIAFK	108	>RUNX1-P11 KTLPIAFK	111	3
>RUNX1-P11 KTLPIAFKV	88	>RUNX1-P11 KTLPIAFKV	374	286
>RUNX1-P11 KTLPIAFKV	12	>RUNX1-P11 KTLPIAFKV	24	12
>RUNX1-P11 KTLPIAFKVV	302	>RUNX1-P11 KTLPIAFKVV	636	334
>RUNX1-P11 KTLPIAFKV	14	>RUNX1-P11 KTLPIAFKV	35	21
>RUNX1-P11 KTLPIAFKVV	44	>RUNX1-P11 KTLPIAFKVV	133	89
>RUNX1-P11 KTLPIAFKV	400	>RUNX1-P11 KTLPIAFKV	3821	3421
>RUNX1-P11 KTLPIAFKV	242	>RUNX1-P11 KTLPIAFKV	1505	1263
>RUNX1-P11 KTLPIAFKV	85	>RUNX1-P11 KTLPIAFKV	194	109
>RUNX1-P11 KTLPIAFK	357	>RUNX1-P11 KTLPIAFK	564	207
>RUNX1-P11 KTLPIAFK	151	>RUNX1-P11 KTLPIAFK	161	10
>RUNX1-P11 KTLPIAFKV	199	>RUNX1-P11 KTLPIAFKV	1217	1018
>RUNX1-P11 NKTLPIAF	33	>RUNX1-P11 NKTLPIAF	96	63
>RUNX1-P11 CNKTLPIAFK	83	>RUNX1-P11 CNKTLPIAFK	86	3
>RUNX1-P11 CNKTLPIAF	168	>RUNX1-P11 CNKTLPIAF	339	171
>RUNX1-P11 RCNKTLPIAFK	282	>RUNX1-P11 RCNKTLPIAFK	235	47
>RUNX1-P11 RCNKTLPI	129	>RUNX1-P11 RCNKTLPI	323	194
>RUNX1-P11 RCNKTLPIA	146	>RUNX1-P11 RCNKTLPIA	261	115
>RUNX1-P11 RCNKTLPIAFK	9	>RUNX1-P11 RCNKTLPIAFK	9	0
>RUNX1-P11 RCNKTLPIAFK	155	>RUNX1-P11 RCNKTLPIAFK	132	23
>RUNX1-P11 RCNKTLPI	134	>RUNX1-P11 RCNKTLPI	511	377
>RUNX1-P11 RCNKTLPIAF	134	>RUNX1-P11 RCNKTLPIAF	129	5
>RUNX1-P11 RCNKTLPIAF	42	>RUNX1-P11 RCNKTLPIAF	60	18
>RUNX1-P11 RCNKTLPIAF	2451	>RUNX1-P11 RCNKTLPIAF	481	1970
>RUNX1-P11 RCNKTLPIAFK	1271	>RUNX1-P11 RCNKTLPIAFK	489	782
>RUNX1-P11 WRCNKTLPI	1197	>RUNX1-P11 WRCNKTLPI	447	750
>RUNX1-P11 WRCNKTLPI	433	>RUNX1-P11 WRCNKTLPI	2215	1782
>RUNX1-P11 WRCNKTLPIA	34	>RUNX1-P11 WRCNKTLPIA	55	21
>RUNX1-P11 WRCNKTLPIA	176	>RUNX1-P11 WRCNKTLPIA	115	61
>RUNX1-P11 WRCNKTLPI	22649	>RUNX1-P11 WRCNKTLPI	295	22354
>RUNX1-P11 WRCNKTLPI	400	>RUNX1-P11 WRCNKTLPI	1703	1303
>RUNX1-P11 WRCNKTLPIA	221	>RUNX1-P11 WRCNKTLPIA	559	338
>RUNX1-P11 WRCNKTLPI	874	>RUNX1-P11 WRCNKTLPI	66	808
>RUNX1-P11 WRCNKTLPIA	598	>RUNX1-P11 WRCNKTLPIA	130	468
>RUNX1-P11 WRCNKTLPI	4711	>RUNX1-P11 WRCNKTLPI	142	4569
>RUNX1-P11 WRCNKTLPI	288	>RUNX1-P11 WRCNKTLPI	66	222
>RUNX1-P11 WRCNKTLPIA	245	>RUNX1-P11 WRCNKTLPIA	77	168

>RUNX1-P11 WRCNKTLPIA	62	>RUNX1-P11 WRCNKTLLIA	44	18
>RUNX1-P11 HWRCNKTLPL	3350	>RUNX1-P11 HWRCNKTL	489	2861
>RUNX1-P11 HWRCNKTLPL	23	>RUNX1-P11 HWRCNKTL	35	12
>RUNX1-P11 HWRCNKTLPL	32	>RUNX1-P11 HWRCNKTL	42	10
>RUNX1-P11 THWRCNKTL	233	>RUNX1-P11 THWRCNKTL	90	143
>RUNX1-P11 THWRCNKTL	4909	>RUNX1-P11 THWRCNKTL	406	4503
>RUNX1-P11 THWRCNKTL	25389	>RUNX1-P11 THWRCNKTL	488	24901
>RUNX1-P18 PPQVATYHR/	565	>RUNX1-P18 APQVATYHR/	29	536
>RUNX1-P18 PPQVATYHR/	3378	>RUNX1-P18 APQVATYHR/	337	3041
>RUNX1-P18 PPQVATYHR	462	>RUNX1-P18 APQVATYHR	941	479
>RUNX1-P18 NPPQVATYH	220	>RUNX1-P18 NAPQVATYH	13	207
>RUNX1-P18 NPPQVATYH	6916	>RUNX1-P18 NAPQVATYH	238	6678
>RUNX1-P18 NPPQVATY	29	>RUNX1-P18 NAPQVATY	96	67
>RUNX1-P18 NPPQVATY	351	>RUNX1-P18 NAPQVATY	4105	3754
>RUNX1-P18 NPPQVATY	58	>RUNX1-P18 NAPQVATY	2121	2063
>RUNX1-P18 NPPQVATYH	121	>RUNX1-P18 NAPQVATYH	150	29
>RUNX1-P18 FTLTITVFTNP	17287	>RUNX1-P18 FTLTITVFTNA	105	17182
>RUNX1-P18 FTLTITVFTNP	2902	>RUNX1-P18 FTLTITVFTNA	73	2829
>RUNX1-P18 FTLTITVFTNP	10642	>RUNX1-P18 FTLTITVFTNA	230	10412
>RUNX1-P18 FTLTITVFTNP	2250	>RUNX1-P18 FTLTITVFTNA	16	2234
>RUNX1-P18 FTLTITVFTNP	14886	>RUNX1-P18 FTLTITVFTNA	387	14499
>RUNX1-P18 FTLTITVFTNP	15436	>RUNX1-P18 FTLTITVFTNA	402	15034
>RUNX1-P18 FTLTITVFTNP	2912	>RUNX1-P18 FTLTITVFTNA	16	2896
>RUNX1-P18 FTLTITVFTNP	4716	>RUNX1-P18 FTLTITVFTNA	36	4680
>RUNX1-P18 TNPPQVATY	2537	>RUNX1-P18 TNAPQVATY	365	2172
>RUNX1-P18 TNPPQVATY	2348	>RUNX1-P18 TNAPQVATY	393	1955
>RUNX1-P18 TNPPQVATYH	1558	>RUNX1-P18 TNAPQVATYH	322	1236
>RUNX1-P18 TNPPQVATYH	655	>RUNX1-P18 TNAPQVATYH	60	595
>RUNX1-P18 TNPPQVATY	2841	>RUNX1-P18 TNAPQVATY	393	2448
>RUNX1-P18 TNPPQVATY	6468	>RUNX1-P18 TNAPQVATY	101	6367
>RUNX1-P18 TNPPQVATYH	125	>RUNX1-P18 TNAPQVATYH	183	58
>RUNX1-P18 FTNPPQVATY	95	>RUNX1-P18 FTNAPQVATY	54	41
>RUNX1-P18 FTNPPQVA	677	>RUNX1-P18 FTNAPQVA	434	243
>RUNX1-P18 FTNPPQVA	445	>RUNX1-P18 FTNAPQVA	649	204
>RUNX1-P18 FTNPPQVATY	88	>RUNX1-P18 FTNAPQVATY	104	16
>RUNX1-P18 FTNPPQVATY	569	>RUNX1-P18 FTNAPQVATY	312	257
>RUNX1-P18 FTNPPQVATY	42	>RUNX1-P18 FTNAPQVATY	25	17
>RUNX1-P18 FTNPPQVATY	117	>RUNX1-P18 FTNAPQVATY	71	46
>RUNX1-P18 FTNPPQVATY	219	>RUNX1-P18 FTNAPQVATY	127	92
>RUNX1-P18 FTNPPQVATY	489	>RUNX1-P18 FTNAPQVATY	461	28
>RUNX1-P18 FTNPPQVA	74	>RUNX1-P18 FTNAPQVA	75	1
>RUNX1-P18 FTNPPQVAT	98	>RUNX1-P18 FTNAPQVAT	83	15
>RUNX1-P18 FTNPPQVATY	56	>RUNX1-P18 FTNAPQVATY	57	1

>RUNX1-P18 FTNPPQVAT\	338	>RUNX1-P18 FTNAPQVAT\	177	161
>RUNX1-P18 FTNPPQVAT\	50	>RUNX1-P18 FTNAPQVAT\	57	7
>RUNX1-P18 FTNPPQVAT\	3	>RUNX1-P18 FTNAPQVAT\	4	1
>RUNX1-P18 FTNPPQVAT\	43	>RUNX1-P18 FTNAPQVAT\	51	8
>RUNX1-P18 FTNPPQVAT\	110	>RUNX1-P18 FTNAPQVAT\	95	15
>RUNX1-P18 FTNPPQVAT\	118	>RUNX1-P18 FTNAPQVAT\	190	72
>RUNX1-P18 FTNPPQVAT\	45	>RUNX1-P18 FTNAPQVAT\	38	7
>RUNX1-P18 VFTNPPQV	226	>RUNX1-P18 VFTNAPQV	176	50
>RUNX1-P18 VFTNPPQVA\	57	>RUNX1-P18 VFTNAPQVA\	66	9
>RUNX1-P18 VFTNPPQVA\	261	>RUNX1-P18 VFTNAPQVA\	164	97
>RUNX1-P18 VFTNPPQVA\	289	>RUNX1-P18 VFTNAPQVA\	555	266
>RUNX1-P18 VFTNPPQVA\	935	>RUNX1-P18 VFTNAPQVA\	418	517
>RUNX1-P18 VFTNPPQVA\	440	>RUNX1-P18 VFTNAPQVA\	874	434
>RUNX1-P18 TVFTNPPQV	179	>RUNX1-P18 TVFTNAPQV	463	284
>RUNX1-P18 TVFTNPPQV	146	>RUNX1-P18 TVFTNAPQV	301	155
>RUNX1-P18 TVFTNPPQV/	493	>RUNX1-P18 TVFTNAPQV/	627	134
>RUNX1-P18 TVFTNPPQV	502	>RUNX1-P18 TVFTNAPQV	69	433
>RUNX1-P18 TVFTNPPQV	18	>RUNX1-P18 TVFTNAPQV	48	30
>RUNX1-P18 TVFTNPPQV	56	>RUNX1-P18 TVFTNAPQV	74	18
>RUNX1-P18 TVFTNPPQV	102	>RUNX1-P18 TVFTNAPQV	166	64
>RUNX1-P18 TVFTNPPQV	18	>RUNX1-P18 TVFTNAPQV	15	3
>RUNX1-P18 TVFTNPPQ	407	>RUNX1-P18 TVFTNAPQ	146	261
>RUNX1-P18 TVFTNPPQV	23	>RUNX1-P18 TVFTNAPQV	23	0
>RUNX1-P18 TVFTNPPQV/	283	>RUNX1-P18 TVFTNAPQV/	255	28
>RUNX1-P18 TVFTNPPQV	8	>RUNX1-P18 TVFTNAPQV	6	2
>RUNX1-P18 ITVFTNPPQV	166	>RUNX1-P18 ITVFTNAPQV	294	128
>RUNX1-P18 ITVFTNPPQV	87	>RUNX1-P18 ITVFTNAPQV	159	72
>RUNX1-P18 ITVFTNPPQV	326	>RUNX1-P18 ITVFTNAPQV	304	22
>RUNX1-P18 ITVFTNPPQ	1153	>RUNX1-P18 ITVFTNAPQ	498	655
>RUNX1-P18 ITVFTNPPQV	861	>RUNX1-P18 ITVFTNAPQV	73	788
>RUNX1-P18 ITVFTNPPQV	31	>RUNX1-P18 ITVFTNAPQV	26	5
>RUNX1-P18 ITVFTNPPQ	842	>RUNX1-P18 ITVFTNAPQ	326	516
>RUNX1-P18 ITVFTNPPQV	36	>RUNX1-P18 ITVFTNAPQV	17	19
>RUNX1-P18 TITVFTNPPQ'	342	>RUNX1-P18 TITVFTNAPQ'	507	165
>RUNX1-P18 TITVFTNPPQ'	613	>RUNX1-P18 TITVFTNAPQ'	300	313
>RUNX1-P18 TITVFTNPPQ'	258	>RUNX1-P18 TITVFTNAPQ'	443	185
>RUNX1-P18 TITVFTNPPQ'	174	>RUNX1-P18 TITVFTNAPQ'	226	52
>RUNX1-P18 TITVFTNPPQ'	481	>RUNX1-P18 TITVFTNAPQ'	580	99
>RUNX1-P18 TITVFTNPPQ'	18	>RUNX1-P18 TITVFTNAPQ'	16	2
>RUNX1-P18 TITVFTNP	12221	>RUNX1-P18 TITVFTNA	176	12045
>RUNX1-P18 TITVFTNPPQ'	192	>RUNX1-P18 TITVFTNAPQ'	198	6
>RUNX1-P18 TITVFTNPPQ'	31	>RUNX1-P18 TITVFTNAPQ'	26	5
>RUNX1-P18 LTITVFTNP	12294	>RUNX1-P18 LTITVFTNA	243	12051

>RUNX1-P18 LTITVFTNP	8276	>RUNX1-P18 LTITVFTNA	82	8194
>RUNX1-P18 LTITVFTNPPC	779	>RUNX1-P18 LTITVFTNAPC	416	363
>RUNX1-P18 LTITVFTNP	3534	>RUNX1-P18 LTITVFTNA	24	3510
>RUNX1-P18 TLTITVFTNP	10071	>RUNX1-P18 TLTITVFTNA	406	9665
>RUNX1-P18 TLTITVFTNP	5594	>RUNX1-P18 TLTITVFTNA	98	5496
>RUNX1-P18 TLTITVFTNP	12110	>RUNX1-P18 TLTITVFTNA	363	11747
>RUNX1-P18 TLTITVFTNP	14523	>RUNX1-P18 TLTITVFTNA	469	14054
>RUNX1-P18 TLTITVFTNP	13016	>RUNX1-P18 TLTITVFTNA	124	12892
>RUNX1-P18 TLTITVFTNP	12983	>RUNX1-P18 TLTITVFTNA	23	12960
>RUNX1-P20 PREPRRHRQF	1835	>RUNX1-P20 SREPRRHRQF	247	1588
>RUNX1-P20 PREPRRHRQF	99	>RUNX1-P20 SREPRRHRQF	18	81
>RUNX1-P20 GPREPRRHR	16433	>RUNX1-P20 GSREPRRHR	194	16239
>RUNX1-P20 GPREPRRHRC	5282	>RUNX1-P20 GSREPRRHRC	6	5276
>RUNX1-P20 GPREPRRHR	5180	>RUNX1-P20 GSREPRRHR	64	5116
>RUNX1-P20 TVDGPREPR	527	>RUNX1-P20 TVDGSREPR	465	62
>RUNX1-P20 TVDGPREPR	79	>RUNX1-P20 TVDGSREPR	35	44
>RUNX1-P20 TVDGPREPRF	234	>RUNX1-P20 TVDGSREPRF	393	159
>RUNX1-P20 ITVDGPREPR	583	>RUNX1-P20 ITVDGSREPR	99	484
>RUNX1-P20 ITVDGPREPR	462	>RUNX1-P20 ITVDGSREPRI	370	92
>RUNX1-P20 ITVDGPREPR	1827	>RUNX1-P20 ITVDGSREPR	396	1431
>RUNX1-P20 ITVDGPREPR	29	>RUNX1-P20 ITVDGSREPR	17	12
>RUNX1-P20 ITVDGPREPR	37	>RUNX1-P20 ITVDGSREPRI	26	11
>RUNX1-P20 KITVDGPR	84	>RUNX1-P20 KITVDGSR	248	164
>RUNX1-P20 KITVDGPREPI	58	>RUNX1-P20 KITVDGSREPI	46	12
>RUNX1-P20 KITVDGPR	142	>RUNX1-P20 KITVDGSR	559	417
>RUNX1-P20 KITVDGPREPI	183	>RUNX1-P20 KITVDGSREPI	198	15
>RUNX1-P20 AIKITVDGPR	207	>RUNX1-P20 AIKITVDGSR	421	214
>RUNX1-P20 RAIKITVDGPF	17	>RUNX1-P20 RAIKITVDGSF	39	22
>RUNX1-P20 RAIKITVDGPF	92	>RUNX1-P20 RAIKITVDGSF	83	9
>RUNX1-P20 RAIKITVDGPF	77	>RUNX1-P20 RAIKITVDGSF	224	147
>RUNX1-P42 SPPRILPPC	22987	>RUNX1-P42 SQPRILPPC	86	22901
>RUNX1-P42 RSPPRILPP	170	>RUNX1-P42 RSQPRILPP	18929	18759
>RUNX1-P42 RSPPRILPPC	29	>RUNX1-P42 RSQPRILPPC	7034	7005
>RUNX1-P42 ERSPPRIL	408	>RUNX1-P42 ERSQPRIL	308	100
>RUNX1-P42 GERSPPRI	875	>RUNX1-P42 GERSQPRI	309	566
>RUNX1-P42 GERSPPRIL	987	>RUNX1-P42 GERSQPRIL	246	741
>RUNX1-P42 GERSPPRI	114	>RUNX1-P42 GERSQPRI	147	33
>RUNX1-P42 GERSPPRIL	70	>RUNX1-P42 GERSQPRIL	68	2
>RUNX1-P42 MVGGERSPP	299	>RUNX1-P42 MVGGERSQF	153	146
>RUNX1-P42 MVGGERSPP	301	>RUNX1-P42 MVGGERSQF	243	58
>RUNX1-P42 MVGGERSPP	68	>RUNX1-P42 MVGGERSQF	72	4
>RUNX1-P42 MVGGERSPP	152	>RUNX1-P42 MVGGERSQF	223	71
>RUNX1-P42 SMVGGERSP	142	>RUNX1-P42 SMVGGERSQ	158	16

>RUNX1-P42 SMVGGERSP	228	>RUNX1-P42 SMVGGERSQ	222	6
>RUNX1-Q18 QVATYHRAIK	226	>RUNX1-Q18 HVATYHRAIK	195	31
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>RUNX1-Q18 QVATYHRAI	3686	>RUNX1-Q18 HVATYHRAI	310	3376
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>RUNX1-Q18 QVATYHRAIK	39	>RUNX1-Q18 HVATYHRAIK	18	21
>RUNX1-Q18 QVATYHRA	58	>RUNX1-Q18 HVATYHRA	33	25
>RUNX1-Q18 QVATYHRAI	167	>RUNX1-Q18 HVATYHRAI	70	97
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>RUNX1-Q18 QVATYHRAI	517	>RUNX1-Q18 HVATYHRAI	359	158
>RUNX1-Q18 QVATYHRAIK	532	>RUNX1-Q18 HVATYHRAIK	364	168
>RUNX1-Q18 QVATYHRAI	2160	>RUNX1-Q18 HVATYHRAI	302	1858
>RUNX1-Q18 PQVATYHR	446	>RUNX1-Q18 PHVATYHR	7616	7170
>RUNX1-Q18 PQVATYHRAI	229	>RUNX1-Q18 PHVATYHRAI	2808	2579
>RUNX1-Q18 PQVATYHR	78	>RUNX1-Q18 PHVATYHR	135	57
>RUNX1-Q18 PPQVATYHR/	565	>RUNX1-Q18 PPHVATYHR/	263	302
>RUNX1-Q18 PPQVATYHR	462	>RUNX1-Q18 PPHVATYHR	250	212
>RUNX1-Q18 NPPQVATYHI	220	>RUNX1-Q18 NPPHVATYHI	206	14
>RUNX1-Q18 NPPQVATY	29	>RUNX1-Q18 NPPHVATY	32	3
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>RUNX1-Q18 NPPQVATYHI	580	>RUNX1-Q18 NPPHVATYHI	271	309
>RUNX1-Q18 NPPQVATY	58	>RUNX1-Q18 NPPHVATY	124	66
>RUNX1-Q18 NPPQVATYHI	121	>RUNX1-Q18 NPPHVATYHI	195	74
>RUNX1-Q18 TNPPQVATYH	655	>RUNX1-Q18 TNPPHVATYH	470	185
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>RUNX1-Q18 FTNPPQVA	677	>RUNX1-Q18 FTNPPHVA	458	219
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>RUNX1-Q18 FTNPPQVATY	88	>RUNX1-Q18 FTNPPHVATY	107	19
>RUNX1-Q18 FTNPPQVATY	42	>RUNX1-Q18 FTNPPHVATY	26	16
>RUNX1-Q18 FTNPPQVATY	117	>RUNX1-Q18 FTNPPHVATY	148	31
>RUNX1-Q18 FTNPPQVATY	219	>RUNX1-Q18 FTNPPHVATY	222	3
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>RUNX1-Q18 FTNPPQVAT	98	>RUNX1-Q18 FTNPPHVAT	132	34
>RUNX1-Q18 FTNPPQVA	1376	>RUNX1-Q18 FTNPPHVA	260	1116
>RUNX1-Q18 FTNPPQVATY	56	>RUNX1-Q18 FTNPPHVATY	38	18
>RUNX1-Q18 FTNPPQVATY	338	>RUNX1-Q18 FTNPPHVATY	239	99
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>RUNX1-Q18 FTNPPQVATY	43	>RUNX1-Q18 FTNPPHVATY	91	48
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>RUNX1-Q18FTNPPQVATY	118	>RUNX1-Q18FTNPPHVATY	83	35
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>RUNX1-Q18VFTNPPQV	226	>RUNX1-Q18VFTNPPHV	333	107
>RUNX1-Q18VFTNPPQVA7	57	>RUNX1-Q18VFTNPPHVA7	31	26
>RUNX1-Q18VFTNPPQVA7	261	>RUNX1-Q18VFTNPPHVA7	125	136
>RUNX1-Q18VFTNPPQVA7	289	>RUNX1-Q18VFTNPPHVA7	269	20
>RUNX1-Q18VFTNPPQVA7	440	>RUNX1-Q18VFTNPPHVA7	522	82
>RUNX1-Q18VFTNPPQVA7	703	>RUNX1-Q18VFTNPPHVA7	392	311
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>RUNX1-Q18TVFTNPPQV	146	>RUNX1-Q18TVFTNPPHV	169	23
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>RUNX1-Q18TVFTNPPQV	502	>RUNX1-Q18TVFTNPPHV	133	369
>RUNX1-Q18TVFTNPPQV	18	>RUNX1-Q18TVFTNPPHV	30	12
>RUNX1-Q18TVFTNPPQV	763	>RUNX1-Q18TVFTNPPHV	232	531
>RUNX1-Q18TVFTNPPQV	56	>RUNX1-Q18TVFTNPPHV	30	26
>RUNX1-Q18TVFTNPPQV	102	>RUNX1-Q18TVFTNPPHV	623	521
>RUNX1-Q18TVFTNPPQV	18	>RUNX1-Q18TVFTNPPHV	26	8
>RUNX1-Q18TVFTNPPQ	9278	>RUNX1-Q18TVFTNPPH	462	8816
>RUNX1-Q18TVFTNPPQV	1231	>RUNX1-Q18TVFTNPPHV	487	744
>RUNX1-Q18TVFTNPPQ	407	>RUNX1-Q18TVFTNPPH	743	336
>RUNX1-Q18TVFTNPPQV	23	>RUNX1-Q18TVFTNPPHV	16	7
>RUNX1-Q18TVFTNPPQVA7	283	>RUNX1-Q18TVFTNPPHVA7	302	19
>RUNX1-Q18TVFTNPPQV	8	>RUNX1-Q18TVFTNPPHV	14	6
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>RUNX1-Q18ITVFTNPPQV	87	>RUNX1-Q18ITVFTNPPHV	149	62
>RUNX1-Q18ITVFTNPPQV	326	>RUNX1-Q18ITVFTNPPHV	615	289
>RUNX1-Q18ITVFTNPPQV	31	>RUNX1-Q18ITVFTNPPHV	57	26
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>RUNX1-Q18ITVFTNPPQV	36	>RUNX1-Q18ITVFTNPPHV	114	78
>RUNX1-Q18TITVFTNPPQ7	342	>RUNX1-Q18TITVFTNPPH7	410	68
>RUNX1-Q18TITVFTNPPQ7	613	>RUNX1-Q18TITVFTNPPH7	228	385
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>RUNX1-Q18TITVFTNPPQ7	174	>RUNX1-Q18TITVFTNPPH7	120	54
>RUNX1-Q18TITVFTNPPQ7	481	>RUNX1-Q18TITVFTNPPH7	1960	1479
>RUNX1-Q18TITVFTNPPQ7	18	>RUNX1-Q18TITVFTNPPH7	29	11
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>RUNX1-Q39QASSPSYHLY	383	>RUNX1-Q39RASSPSYHLY	386	3
>RUNX1-Q39QASSPSYHLY	1785	>RUNX1-Q39RASSPSYHLY	327	1458
>RUNX1-Q39QASSPSYHLY	2841	>RUNX1-Q39RASSPSYHLY7	216	2625
>RUNX1-Q39QASSPSYHLY	361	>RUNX1-Q39RASSPSYHLY	165	196
>RUNX1-Q39QASSPSYHLY	340	>RUNX1-Q39RASSPSYHLY7	68	272
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>RUNX1-Q39 QASSPSYHLY	6289	>RUNX1-Q39 RASSPSYHLY	271	6018
>RUNX1-Q39 QASSPSYHLY	35	>RUNX1-Q39 RASSPSYHLY	13	22
>RUNX1-Q39 QASSPSYHLY	94	>RUNX1-Q39 RASSPSYHLY	34	60
>RUNX1-Q39 QASSPSYHLY	274	>RUNX1-Q39 RASSPSYHLY	905	631
>RUNX1-Q39 QASSPSYHL	35	>RUNX1-Q39 RASSPSYHL	868	833
>RUNX1-Q39 QASSPSYHL	412	>RUNX1-Q39 RASSPSYHL	4697	4285
>RUNX1-Q39 QASSPSYHLY	787	>RUNX1-Q39 RASSPSYHLY	85	702
>RUNX1-Q39 QASSPSYHLY	124	>RUNX1-Q39 RASSPSYHLY	23	101
>RUNX1-Q39 QASSPSYHLY	960	>RUNX1-Q39 RASSPSYHLY	207	753
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>RUNX1-Q39 QASSPSYHL	1077	>RUNX1-Q39 RASSPSYHL	150	927
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>RUNX1-Q39 QASSPSYHLY	116	>RUNX1-Q39 RASSPSYHLY	24	92
>RUNX1-Q39 QASSPSYHL	673	>RUNX1-Q39 RASSPSYHL	21	652
>RUNX1-Q39 QASSPSYHLY	60	>RUNX1-Q39 RASSPSYHLY	6	54
>RUNX1-Q39 QASSPSYHLY	28	>RUNX1-Q39 RASSPSYHLY	4	24
>RUNX1-Q39 QASSPSYHLY	105	>RUNX1-Q39 RASSPSYHLY	342	237
>RUNX1-Q39 QASSPSYHLY	3506	>RUNX1-Q39 RASSPSYHLY	118	3388
>RUNX1-Q39 QASSPSYHLY	4708	>RUNX1-Q39 RASSPSYHLY	144	4564
>RUNX1-Q39 QASSPSYHL	3373	>RUNX1-Q39 RASSPSYHL	69	3304
>RUNX1-Q39 QASSPSYHLY	295	>RUNX1-Q39 RASSPSYHLY	17	278
>RUNX1-Q39 QASSPSYHLY	311	>RUNX1-Q39 RASSPSYHLY	15	296
>RUNX1-Q39 QASSPSYHL	355	>RUNX1-Q39 RASSPSYHL	137	218
>RUNX1-Q39 QASSPSYHLY	2039	>RUNX1-Q39 RASSPSYHLY	406	1633
>RUNX1-Q39 QASSPSYHLY	173	>RUNX1-Q39 RASSPSYHLY	37	136
>RUNX1-Q39 QASSPSYHLY	565	>RUNX1-Q39 RASSPSYHLY	231	334
>RUNX1-Q39 QASSPSYHLY	261	>RUNX1-Q39 RASSPSYHLY	154	107
>RUNX1-Q39 QASSPSYHL	2234	>RUNX1-Q39 RASSPSYHL	219	2015
>RUNX1-Q39 FQASSPSYHL	480	>RUNX1-Q39 FRASSPSYHL	3643	3163
>RUNX1-Q39 FQASSPSYHL	319	>RUNX1-Q39 FRASSPSYHL	10892	10573
>RUNX1-Q39 FQASSPSYHL	12	>RUNX1-Q39 FRASSPSYHL	536	524
>RUNX1-Q39 FQASSPSYHL	275	>RUNX1-Q39 FRASSPSYHL	9974	9699
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>RUNX1-Q39 FQASSPSYHL	64	>RUNX1-Q39 FRASSPSYHL	2118	2054
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>RUNX1-Q39 FQASSPSYHL	112	>RUNX1-Q39 FRASSPSYHL	7149	7037
>RUNX1-Q39 FQASSPSYHL	65	>RUNX1-Q39 FRASSPSYHL	10959	10894
>RUNX1-Q39 FQASSPSYHL	192	>RUNX1-Q39 FRASSPSYHL	11849	11657
>RUNX1-Q39 FQASSPSYHL	481	>RUNX1-Q39 FRASSPSYHL	15461	14980
>RUNX1-Q39 FQASSPSY	83	>RUNX1-Q39 FRASSPSY	280	197
>RUNX1-Q39 FQASSPSYHL	17	>RUNX1-Q39 FRASSPSYHL	35	18
>RUNX1-Q39 FQASSPSY	61	>RUNX1-Q39 FRASSPSY	319	258
>RUNX1-Q39 FQASSPSYHL	46	>RUNX1-Q39 FRASSPSYHL	229	183



>RUNX1-Q39 FQASSPSYHL'	380	>RUNX1-Q39 FRASSPSYHL\	952	572
>RUNX1-Q39 FQASSPSY	32	>RUNX1-Q39 FRASSPSY	1916	1884
>RUNX1-Q39 FQASSPSYHL	87	>RUNX1-Q39 FRASSPSYHL	14686	14599
>RUNX1-Q39 FQASSPSYHL'	45	>RUNX1-Q39 FRASSPSYHL\	8625	8580
>RUNX1-Q39 FQASSPSY	23	>RUNX1-Q39 FRASSPSY	442	419
>RUNX1-Q39 FQASSPSYH	421	>RUNX1-Q39 FRASSPSYH	8005	7584
>RUNX1-Q39 FQASSPSYHL'	29	>RUNX1-Q39 FRASSPSYHL\	485	456
>RUNX1-Q39 FQASSPSY	2	>RUNX1-Q39 FRASSPSY	5	3
>RUNX1-Q39 FQASSPSYH	15	>RUNX1-Q39 FRASSPSYH	62	47
>RUNX1-Q39 FQASSPSYHL	5	>RUNX1-Q39 FRASSPSYHL	19	14
>RUNX1-Q39 FQASSPSYHL'	3	>RUNX1-Q39 FRASSPSYHL\	9	6
>RUNX1-Q39 FQASSPSY	5686	>RUNX1-Q39 FRASSPSY	241	5445
>RUNX1-Q39 FQASSPSYHL	10383	>RUNX1-Q39 FRASSPSYHL	144	10239
>RUNX1-Q39 FQASSPSYHL'	3176	>RUNX1-Q39 FRASSPSYHL\	125	3051
>RUNX1-Q39 FQASSPSY	96	>RUNX1-Q39 FRASSPSY	986	890
>RUNX1-Q39 FQASSPSYHL'	495	>RUNX1-Q39 FRASSPSYHL\	3352	2857
>RUNX1-Q39 FQASSPSYHL	14	>RUNX1-Q39 FRASSPSYHL	16	2
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>RUNX1-Q39 FQASSPSYHL'	631	>RUNX1-Q39 FRASSPSYHL\	345	286
>RUNX1-Q39 FQASSPSYHL'	311	>RUNX1-Q39 FRASSPSYHL\	475	164
>RUNX1-Q39 GSSQAQGGP	17654	>RUNX1-Q39 GSSQAQGGP	291	17363
>RUNX1-Q39 PFQASSPSYH	454	>RUNX1-Q39 PFRASSPSYHI	2006	1552
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>RUNX1-Q39 PFQASSPSYH	11034	>RUNX1-Q39 PFRASSPSYHI	179	10855
>RUNX1-Q39 PFQASSPSY	342	>RUNX1-Q39 PFRASSPSY	723	381
>RUNX1-Q39 PFQASSPSY	590	>RUNX1-Q39 PFRASSPSY	434	156
>RUNX1-Q39 GPFQASSPSY	366	>RUNX1-Q39 GPFRASSPSY	295	71
>RUNX1-Q39 GPFQASSPSY	457	>RUNX1-Q39 GPFRASSPSY	803	346
>RUNX1-Q39 GPFQASSPSY	220	>RUNX1-Q39 GPFRASSPSY	398	178
>RUNX1-Q39 GPFQASSPSY	243	>RUNX1-Q39 GPFRASSPSY	144	99
>RUNX1-Q39 GPFQASSPS	206	>RUNX1-Q39 GPFRASSPS	1077	871
>RUNX1-Q39 GPFQASSPSY	220	>RUNX1-Q39 GPFRASSPSYI	274	54
>RUNX1-Q39 GPFQASSPSY	11	>RUNX1-Q39 GPFRASSPSY	11	0
>RUNX1-Q39 GGPFQASSP	538	>RUNX1-Q39 GGPFRASSP	121	417
>RUNX1-Q39 GGPFQASSPS	167	>RUNX1-Q39 GGPFRASSPS	71	96
>RUNX1-Q39 GGPFQASSPS	282	>RUNX1-Q39 GGPFRASSPS	399	117
>RUNX1-Q39 AQGGPFQA	219	>RUNX1-Q39 AQGGPFRA	464	245
>RUNX1-Q39 AQGGPFQA	418	>RUNX1-Q39 AQGGPFRA	284	134
>RUNX1-Q39 QAQGGPFQ	19694	>RUNX1-Q39 QAQGGPFR	300	19394
>RUNX1-Q39 QAQGGPFQ	14844	>RUNX1-Q39 QAQGGPFR	174	14670
>RUNX1-Q39 SQAQGGPFQ	370	>RUNX1-Q39 SQAQGGPFR	1113	743
>RUNX1-Q39 SQAQGGPFQ	302	>RUNX1-Q39 SQAQGGPFR	642	340

>RUNX1-Q39SQAQGGPFQ	19153	>RUNX1-Q39SQAQGGPFR	380	18773
>RUNX1-Q39SSQAQGGPFI	26360	>RUNX1-Q39SSQAQGGPFI	213	26147
>RUNX1-Q39SSQAQGGPFI	21481	>RUNX1-Q39SSQAQGGPFI	123	21358
>RUNX1-Q39SSQAQGGPFI	32354	>RUNX1-Q39SSQAQGGPFI	210	32144
>RUNX1-R10RCNKTLPIAFk	282	>RUNX1-R10CCNKTLPIAFk	2651	2369
>RUNX1-R10RCNKTLPI	129	>RUNX1-R10CCNKTLPI	6098	5969
>RUNX1-R10RCNKTLPIA	146	>RUNX1-R10CCNKTLPIA	7117	6971
>RUNX1-R10RCNKTLPIAFk	9	>RUNX1-R10CCNKTLPIAFk	285	276
>RUNX1-R10RCNKTLPIAFk	155	>RUNX1-R10CCNKTLPIAFk	2619	2464
>RUNX1-R10RCNKTLPI	134	>RUNX1-R10CCNKTLPI	9606	9472
>RUNX1-R10RCNKTLPIAF	134	>RUNX1-R10CCNKTLPIAF	8504	8370
>RUNX1-R10RCNKTLPIAF	42	>RUNX1-R10CCNKTLPIAF	273	231
>RUNX1-R10WRCNKTLPI	433	>RUNX1-R10WCCNKTLPI	6517	6084
>RUNX1-R10WRCNKTLPIA	34	>RUNX1-R10WCCNKTLPIA	276	242
>RUNX1-R10WRCNKTLPIA	176	>RUNX1-R10WCCNKTLPIA	30716	30540
>RUNX1-R10WRCNKTLPIA	2855	>RUNX1-R10WCCNKTLPIA	325	2530
>RUNX1-R10WRCNKTLPI	400	>RUNX1-R10WCCNKTLPI	16810	16410
>RUNX1-R10WRCNKTLPIA	221	>RUNX1-R10WCCNKTLPIA	14438	14217
>RUNX1-R10WRCNKTLPI	288	>RUNX1-R10WCCNKTLPI	35820	35532
>RUNX1-R10WRCNKTLPIA	245	>RUNX1-R10WCCNKTLPIA	28988	28743
>RUNX1-R10WRCNKTLPIA	62	>RUNX1-R10WCCNKTLPIA	32148	32086
>RUNX1-R10FLCSVLPTHW	413	>RUNX1-R10FLCSVLPTHW	139	274
>RUNX1-R10FLCSVLPTHW	4973	>RUNX1-R10FLCSVLPTHW	269	4704
>RUNX1-R10FLCSVLPTHW	568	>RUNX1-R10FLCSVLPTHW	6	562
>RUNX1-R10FLCSVLPTHW	8313	>RUNX1-R10FLCSVLPTHW	233	8080
>RUNX1-R10FLCSVLPTHW	18798	>RUNX1-R10FLCSVLPTHW	314	18484
>RUNX1-R10FLCSVLPTHW	202	>RUNX1-R10FLCSVLPTHW	4	198
>RUNX1-R10FLCSVLPTHW	171	>RUNX1-R10FLCSVLPTHW	20894	20723
>RUNX1-R10FLCSVLPTHW	87	>RUNX1-R10FLCSVLPTHW	28356	28269
>RUNX1-R10FLCSVLPTHW	23	>RUNX1-R10FLCSVLPTHW	26917	26894
>RUNX1-R10FLCSVLPTHW	360	>RUNX1-R10FLCSVLPTHW	35896	35536
>RUNX1-R10HWRCNKTL	1356	>RUNX1-R10HWCCNKTL	351	1005
>RUNX1-R10HWRCNKTL	320	>RUNX1-R10HWCCNKTL	11021	10701
>RUNX1-R10HWRCNKTLP	23	>RUNX1-R10HWCCNKTLP	2251	2228
>RUNX1-R10HWRCNKTLP	32	>RUNX1-R10HWCCNKTLP	3789	3757
>RUNX1-R10HWRCNKTL	393	>RUNX1-R10HWCCNKTL	413	20
>RUNX1-R10THWRCNKTL	233	>RUNX1-R10THWCCNKTL	645	412
>RUNX1-R10THWRCNKTL	462	>RUNX1-R10THWCCNKTL	251	211
>RUNX1-R10THWRCNKTL	625	>RUNX1-R10THWCCNKTL	391	234
>RUNX1-R10THWRCNKTL	277	>RUNX1-R10THWCCNKTL	479	202
>RUNX1-R10THWRCNKTL	312	>RUNX1-R10THWCCNKTL	253	59
>RUNX1-R10PTHWRCNK	71	>RUNX1-R10PTHWCCNK	379	308
>RUNX1-R10LPTHWRCNK	48	>RUNX1-R10LPTHWCCNK	221	173

>RUNX1-R10 LPTHWRCNK	184	>RUNX1-R10 LPTHWCCNK	114	70
>RUNX1-R10 LPTHWRCNK	85	>RUNX1-R10 LPTHWCCNK	86	1
>RUNX1-R10 LPTHWRCNK	122	>RUNX1-R10 LPTHWCCNK	127	5
>RUNX1-R10 VLPTHWRC	97	>RUNX1-R10 VLPTHWCC	202	105
>RUNX1-R10 VLPTHWRC	58	>RUNX1-R10 VLPTHWCC	72	14
>RUNX1-R10 VLPTHWRCN	242	>RUNX1-R10 VLPTHWCCN	185	57
>RUNX1-R10 VLPTHWRCN	544	>RUNX1-R10 VLPTHWCCN	265	279
>RUNX1-R10 VLPTHWRCN	601	>RUNX1-R10 VLPTHWCCN	201	400
>RUNX1-R10 SVLPTHWR	14159	>RUNX1-R10 SVLPTHWC	386	13773
>RUNX1-R10 SVLPTHWRC	93	>RUNX1-R10 SVLPTHWCC	418	325
>RUNX1-R10 SVLPTHWR	12214	>RUNX1-R10 SVLPTHWC	315	11899
>RUNX1-R10 SVLPTHWRC	147	>RUNX1-R10 SVLPTHWCC	903	756
>RUNX1-R10 SVLPTHWRCI	178	>RUNX1-R10 SVLPTHWCCI	262	84
>RUNX1-R10 SVLPTHWR	35	>RUNX1-R10 SVLPTHWC	20797	20762
>RUNX1-R10 SVLPTHWRCI	10	>RUNX1-R10 SVLPTHWCCI	13	3
>RUNX1-R10 SVLPTHWRCI	9	>RUNX1-R10 SVLPTHWCCI	22	13
>RUNX1-R10 SVLPTHWR	15	>RUNX1-R10 SVLPTHWC	18593	18578
>RUNX1-R10 SVLPTHWRCI	70	>RUNX1-R10 SVLPTHWCCI	166	96
>RUNX1-R10 SVLPTHWR	349	>RUNX1-R10 SVLPTHWC	34483	34134
>RUNX1-R10 SVLPTHWR	39	>RUNX1-R10 SVLPTHWC	31292	31253
>RUNX1-R10 SVLPTHWRCI	233	>RUNX1-R10 SVLPTHWCCI	237	4
>RUNX1-R10 SVLPTHWR	114	>RUNX1-R10 SVLPTHWC	8952	8838
>RUNX1-R10 SVLPTHWRCI	234	>RUNX1-R10 SVLPTHWCCI	194	40
>RUNX1-R10 SVLPTHWR	83	>RUNX1-R10 SVLPTHWC	32751	32668
>RUNX1-R10 CSVLPTHWR	146	>RUNX1-R10 CSVLPTHWC	23691	23545
>RUNX1-R10 CSVLPTHWR	41	>RUNX1-R10 CSVLPTHWC	28490	28449
>RUNX1-R10 CSVLPTHWR	113	>RUNX1-R10 CSVLPTHWC	36182	36069
>RUNX1-R10 LCSVLPTHWF	244	>RUNX1-R10 LCSVLPTHWC	27429	27185
>RUNX1-R10 LCSVLPTHWF	297	>RUNX1-R10 LCSVLPTHWC	36656	36359
>RUNX1-R10 RCNKTLPiAFI	282	>RUNX1-R10 HCNKTLPiAFI	716	434
>RUNX1-R10 RCNKTLPi	129	>RUNX1-R10 HCNKTLPi	519	390
>RUNX1-R10 RCNKTLPiA	146	>RUNX1-R10 HCNKTLPiA	627	481
>RUNX1-R10 RCNKTLPiAFI	9	>RUNX1-R10 HCNKTLPiAFI	17	8
>RUNX1-R10 RCNKTLPiAFI	155	>RUNX1-R10 HCNKTLPiAFI	627	472
>RUNX1-R10 RCNKTLPi	134	>RUNX1-R10 HCNKTLPi	1462	1328
>RUNX1-R10 RCNKTLPiAF	134	>RUNX1-R10 HCNKTLPiAF	1433	1299
>RUNX1-R10 RCNKTLPiAF	42	>RUNX1-R10 HCNKTLPiAF	134	92
>RUNX1-R10 WRCNKTLPi	433	>RUNX1-R10 WHCNKTLPi	1327	894
>RUNX1-R10 WRCNKTLPiA	34	>RUNX1-R10 WHCNKTLPiA	33	1
>RUNX1-R10 WRCNKTLPiA	176	>RUNX1-R10 WHCNKTLPiA	12431	12255
>RUNX1-R10 WRCNKTLPi	400	>RUNX1-R10 WHCNKTLPi	225	175
>RUNX1-R10 WRCNKTLPiA	221	>RUNX1-R10 WHCNKTLPiA	124	97
>RUNX1-R10 WRCNKTLPi	288	>RUNX1-R10 WHCNKTLPi	21203	20915

>RUNX1-R10 WRCNKTLPIA	245	>RUNX1-R10 WHCNKTLPIA	18191	17946
>RUNX1-R10 WRCNKTLPIA	62	>RUNX1-R10 WHCNKTLPIA	15977	15915
>RUNX1-R10 FLCSVLPTHW	413	>RUNX1-R10 FLCSVLPTHW	629	216
>RUNX1-R10 FLCSVLPTHW	202	>RUNX1-R10 FLCSVLPTHW	570	368
>RUNX1-R10 FLCSVLPTHW	171	>RUNX1-R10 FLCSVLPTHW	10381	10210
>RUNX1-R10 FLCSVLPTHW	87	>RUNX1-R10 FLCSVLPTHW	16728	16641
>RUNX1-R10 FLCSVLPTHW	23	>RUNX1-R10 FLCSVLPTHW	5099	5076
>RUNX1-R10 FLCSVLPTHW	360	>RUNX1-R10 FLCSVLPTHW	25234	24874
>RUNX1-R10 HWRCNKTL	1356	>RUNX1-R10 HWHCNKTL	168	1188
>RUNX1-R10 HWRCNKTL	2258	>RUNX1-R10 HWHCNKTL	403	1855
>RUNX1-R10 HWRCNKTL	320	>RUNX1-R10 HWHCNKTL	1881	1561
>RUNX1-R10 HWRCNKTL	23	>RUNX1-R10 HWHCNKTL	131	108
>RUNX1-R10 HWRCNKTL	32	>RUNX1-R10 HWHCNKTL	207	175
>RUNX1-R10 HWRCNKTL	393	>RUNX1-R10 HWHCNKTL	383	10
>RUNX1-R10 THWRCNKTL	233	>RUNX1-R10 THWHCNKTL	263	30
>RUNX1-R10 THWRCNKTL	462	>RUNX1-R10 THWHCNKTL	189	273
>RUNX1-R10 THWRCNKTL	625	>RUNX1-R10 THWHCNKTL	322	303
>RUNX1-R10 THWRCNKTL	277	>RUNX1-R10 THWHCNKTL	306	29
>RUNX1-R10 THWRCNKTL	312	>RUNX1-R10 THWHCNKTL	137	175
>RUNX1-R10 PTHWRCNK	71	>RUNX1-R10 PTHWHCNK	73	2
>RUNX1-R10 LPTHWRCNK	48	>RUNX1-R10 LPTHWHCNK	80	32
>RUNX1-R10 LPTHWRCNK	184	>RUNX1-R10 LPTHWHCNK	110	74
>RUNX1-R10 LPTHWRCNK	85	>RUNX1-R10 LPTHWHCNK	79	6
>RUNX1-R10 LPTHWRCN	739	>RUNX1-R10 LPTHWHCN	373	366
>RUNX1-R10 LPTHWRCNK	122	>RUNX1-R10 LPTHWHCNK	80	42
>RUNX1-R10 VLPTHWRC	97	>RUNX1-R10 VLPTHWHC	87	10
>RUNX1-R10 VLPTHWRC	58	>RUNX1-R10 VLPTHWHC	31	27
>RUNX1-R10 VLPTHWRCN	242	>RUNX1-R10 VLPTHWHCN	136	106
>RUNX1-R10 VLPTHWRCN	544	>RUNX1-R10 VLPTHWHCN	304	240
>RUNX1-R10 VLPTHWRCN	601	>RUNX1-R10 VLPTHWHCN	301	300
>RUNX1-R10 SVLPTHWRC	655	>RUNX1-R10 SVLPTHWHC	105	550
>RUNX1-R10 SVLPTHWRC	93	>RUNX1-R10 SVLPTHWHC	132	39
>RUNX1-R10 SVLPTHWRC	1938	>RUNX1-R10 SVLPTHWHC	467	1471
>RUNX1-R10 SVLPTHWRC	147	>RUNX1-R10 SVLPTHWHC	278	131
>RUNX1-R10 SVLPTHWRCI	178	>RUNX1-R10 SVLPTHWHC	207	29
>RUNX1-R10 SVLPTHWR	35	>RUNX1-R10 SVLPTHWH	708	673
>RUNX1-R10 SVLPTHWRCI	10	>RUNX1-R10 SVLPTHWHC	11	1
>RUNX1-R10 SVLPTHWRCI	9	>RUNX1-R10 SVLPTHWHC	8	1
>RUNX1-R10 SVLPTHWR	15	>RUNX1-R10 SVLPTHWH	2518	2503
>RUNX1-R10 SVLPTHWRCI	70	>RUNX1-R10 SVLPTHWHC	54	16
>RUNX1-R10 SVLPTHWR	349	>RUNX1-R10 SVLPTHWH	25456	25107
>RUNX1-R10 SVLPTHWR	39	>RUNX1-R10 SVLPTHWH	7381	7342
>RUNX1-R10 SVLPTHWRCI	233	>RUNX1-R10 SVLPTHWHC	226	7

>RUNX1-R10 SVLPTHWR	114	>RUNX1-R10 SVLPTHWH	501	387
>RUNX1-R10 SVLPTHWRCI	234	>RUNX1-R10 SVLPTHWHCI	150	84
>RUNX1-R10 SVLPTHWR	83	>RUNX1-R10 SVLPTHWH	17611	17528
>RUNX1-R10 CSVLPTHWR	146	>RUNX1-R10 CSVLPTHWH	13969	13823
>RUNX1-R10 CSVLPTHWR	41	>RUNX1-R10 CSVLPTHWH	6086	6045
>RUNX1-R10 CSVLPTHWR	113	>RUNX1-R10 CSVLPTHWH	29503	29390
>RUNX1-R10 LCSVLPTHWF	244	>RUNX1-R10 LCSVLPTHWF	13941	13697
>RUNX1-R10 LCSVLPTHWF	297	>RUNX1-R10 LCSVLPTHWF	30722	30425
>RUNX1-R16 RFVGRSGRGI	115	>RUNX1-R16 GFVGRSGRGI	401	286
>RUNX1-R16 RFVGRSGRGI	115	>RUNX1-R16 GFVGRSGRGI	5346	5231
>RUNX1-R16 RFVGRSGR	20	>RUNX1-R16 GFVGRSGR	229	209
>RUNX1-R16 RFVGRSGRGI	74	>RUNX1-R16 GFVGRSGRGI	971	897
>RUNX1-R16 RFVGRSGRGI	406	>RUNX1-R16 GFVGRSGRGI	3002	2596
>RUNX1-R16 RFVGRSGR	42	>RUNX1-R16 GFVGRSGR	740	698
>RUNX1-R16 LRFVGRSGR	5949	>RUNX1-R16 LGFVGRSGR	219	5730
>RUNX1-R16 LRFVGRSGR	1551	>RUNX1-R16 LGFVGRSGR	397	1154
>RUNX1-R16 LRFVGRSGR	48	>RUNX1-R16 LGFVGRSGR	22744	22696
>RUNX1-R16 LRFVGRSGRC	37	>RUNX1-R16 LGFVGRSGRC	20731	20694
>RUNX1-R16 LRFVGRSG	281	>RUNX1-R16 LGFVGRSG	19417	19136
>RUNX1-R16 LRFVGRSGRC	303	>RUNX1-R16 LGFVGRSGRC	19195	18892
>RUNX1-R16 LRFVGRSGR	215	>RUNX1-R16 LGFVGRSGR	28387	28172
>RUNX1-R16 LRFVGRSGRC	166	>RUNX1-R16 LGFVGRSGRC	27815	27649
>RUNX1-R16 KNQVARFND	146	>RUNX1-R16 KNQVARFND	20164	20018
>RUNX1-R16 KNQVARFND	337	>RUNX1-R16 KNQVARFND	33040	32703
>RUNX1-R16 DLRFVGRSGF	58	>RUNX1-R16 DLGFVGRSGF	247	189
>RUNX1-R16 DLRFVGRSGF	77	>RUNX1-R16 DLGFVGRSGF	180	103
>RUNX1-R16 DLRFVGRSGF	278	>RUNX1-R16 DLGFVGRSGF	265	13
>RUNX1-R16 NDLRFVGR	548	>RUNX1-R16 NDLGfVGR	341	207
>RUNX1-R16 RFNDLRFV	712	>RUNX1-R16 RFNDLGFV	374	338
>RUNX1-R16 RFNDLRFV	959	>RUNX1-R16 RFNDLGFV	388	571
>RUNX1-R16 RFNDLRFV	349	>RUNX1-R16 RFNDLGFV	839	490
>RUNX1-R16 RFNDLRFV	400	>RUNX1-R16 RFNDLGFV	704	304
>RUNX1-R16 RFNDLRFVGF	4	>RUNX1-R16 RFNDLGFVGF	8	4
>RUNX1-R16 RFNDLRFVGF	60	>RUNX1-R16 RFNDLGFVGF	113	53
>RUNX1-R16 RFNDLRFVGF	191	>RUNX1-R16 RFNDLGFVGF	273	82
>RUNX1-R16 RFNDLRFVGF	20	>RUNX1-R16 RFNDLGFVGF	27	7
>RUNX1-R16 RFNDLRFV	209	>RUNX1-R16 RFNDLGFV	305	96
>RUNX1-R16 ARFNDLRF	18	>RUNX1-R16 ARFNDLGF	19	1
>RUNX1-R16 ARFNDLRFV	401	>RUNX1-R16 ARFNDLGFV	1163	762
>RUNX1-R16 ARFNDLRF	46	>RUNX1-R16 ARFNDLGF	41	5
>RUNX1-R16 ARFNDLRFV	58	>RUNX1-R16 ARFNDLGFV	81	23
>RUNX1-R16 ARFNDLRFVC	27	>RUNX1-R16 ARFNDLGFVC	31	4
>RUNX1-R16 ARFNDLRFVC	416	>RUNX1-R16 ARFNDLGFVC	645	229

>RUNX1-R16 ARFNDLRFV	80	>RUNX1-R16 ARFNDLGFV	192	112
>RUNX1-R16 ARFNDLRFVC	163	>RUNX1-R16 ARFNDLGFVC	271	108
>RUNX1-R16 VARFNDLRFV	200	>RUNX1-R16 VARFNDLGFV	258	58
>RUNX1-R16 VARFNDLR	287	>RUNX1-R16 VARFNDLG	23060	22773
>RUNX1-R16 VARFNDLR	249	>RUNX1-R16 VARFNDLG	38182	37933
>RUNX1-R16 VARFNDLRF	615	>RUNX1-R16 VARFNDLGF	366	249
>RUNX1-R16 VARFNDLRF	5	>RUNX1-R16 VARFNDLGF	5	0
>RUNX1-R16 VARFNDLRF	776	>RUNX1-R16 VARFNDLGF	465	311
>RUNX1-R16 QVARFNDLRI	105	>RUNX1-R16 QVARFNDLGI	66	39
>RUNX1-R16 QVARFNDLRI	269	>RUNX1-R16 QVARFNDLGI	142	127
>RUNX1-R16 QVARFNDLRI	86	>RUNX1-R16 QVARFNDLGI	51	35
>RUNX1-R16 QVARFNDLR	348	>RUNX1-R16 QVARFNDLG	24500	24152
>RUNX1-R16 QVARFNDLRI	315	>RUNX1-R16 QVARFNDLGI	291	24
>RUNX1-R16 QVARFNDLRI	464	>RUNX1-R16 QVARFNDLGI	337	127
>RUNX1-R16 QVARFNDLR	4	>RUNX1-R16 QVARFNDLG	12608	12604
>RUNX1-R16 QVARFNDLRI	19	>RUNX1-R16 QVARFNDLGI	10	9
>RUNX1-R16 QVARFNDLRI	51	>RUNX1-R16 QVARFNDLGI	24	27
>RUNX1-R16 QVARFNDLR	203	>RUNX1-R16 QVARFNDLG	36306	36103
>RUNX1-R16 NQVARFNDL	711	>RUNX1-R16 NQVARFNDLI	201	510
>RUNX1-R16 NQVARFNDL	92	>RUNX1-R16 NQVARFNDLI	34723	34631
>RUNX1-R16 NQVARFNDL	123	>RUNX1-R16 NQVARFNDLI	88	35
>RUNX1-R16 NQVARFNDL	552	>RUNX1-R16 NQVARFNDLI	235	317
>RUNX1-R16 NQVARFNDL	73	>RUNX1-R16 NQVARFNDLI	53	20
>RUNX1-R16 NQVARFNDL	150	>RUNX1-R16 NQVARFNDLI	32534	32384
>RUNX1-R16 RFVGRSGRGI	115	>RUNX1-R16 MFVGRSGRG	185	70
>RUNX1-R16 RFVGRSGRGI	115	>RUNX1-R16 MFVGRSGRG	621	506
>RUNX1-R16 RFVGRSGR	20	>RUNX1-R16 MFVGRSGR	38	18
>RUNX1-R16 RFVGRSGRGI	74	>RUNX1-R16 MFVGRSGRG	125	51
>RUNX1-R16 RFVGRSGR	721	>RUNX1-R16 MFVGRSGR	32	689
>RUNX1-R16 RFVGRSGR	2654	>RUNX1-R16 MFVGRSGR	58	2596
>RUNX1-R16 RFVGRSGRGI	3681	>RUNX1-R16 MFVGRSGRG	354	3327
>RUNX1-R16 RFVGRSGRGI	406	>RUNX1-R16 MFVGRSGRG	2068	1662
>RUNX1-R16 RFVGRSGR	42	>RUNX1-R16 MFVGRSGR	91	49
>RUNX1-R16 LRFVGRSGR	20398	>RUNX1-R16 LMFVGRSGR	237	20161
>RUNX1-R16 LRFVGRSGRG	16701	>RUNX1-R16 LMFVGRSGRG	51	16650
>RUNX1-R16 LRFVGRSGRG	19728	>RUNX1-R16 LMFVGRSGRG	139	19589
>RUNX1-R16 LRFVGRSGRG	6027	>RUNX1-R16 LMFVGRSGRG	324	5703
>RUNX1-R16 LRFVGRSGR	5949	>RUNX1-R16 LMFVGRSGR	12	5937
>RUNX1-R16 LRFVGRSGR	3829	>RUNX1-R16 LMFVGRSGR	73	3756
>RUNX1-R16 LRFVGRSGR	1551	>RUNX1-R16 LMFVGRSGR	62	1489
>RUNX1-R16 LRFVGRSG	20636	>RUNX1-R16 LMFVGRSG	270	20366
>RUNX1-R16 LRFVGRSGR	647	>RUNX1-R16 LMFVGRSGR	207	440
>RUNX1-R16 LRFVGRSGRG	791	>RUNX1-R16 LMFVGRSGRG	281	510

>RUNX1-R16 LRFVGRSGR	48	>RUNX1-R16 LMFVGRSGR	7232	7184
>RUNX1-R16 LRFVGRSGRC	37	>RUNX1-R16 LMFVGRSGRC	4972	4935
>RUNX1-R16 LRFVGRSG	281	>RUNX1-R16 LMFVGRSG	14501	14220
>RUNX1-R16 LRFVGRSGRC	303	>RUNX1-R16 LMFVGRSGRC	14649	14346
>RUNX1-R16 LRFVGRSGR	215	>RUNX1-R16 LMFVGRSGR	16780	16565
>RUNX1-R16 LRFVGRSGRC	166	>RUNX1-R16 LMFVGRSGRC	15916	15750
>RUNX1-R16 KNQVARFND	146	>RUNX1-R16 KNQVARFND	17034	16888
>RUNX1-R16 KNQVARFND	337	>RUNX1-R16 KNQVARFND	28813	28476
>RUNX1-R16 DLRFVGRSGF	2371	>RUNX1-R16 DLMFVGRSG	353	2018
>RUNX1-R16 DLRFVGRSGF	58	>RUNX1-R16 DLMFVGRSG	33	25
>RUNX1-R16 DLRFVGRSGF	77	>RUNX1-R16 DLMFVGRSG	52	25
>RUNX1-R16 DLRFVGRSGF	278	>RUNX1-R16 DLMFVGRSG	17	261
>RUNX1-R16 NDLRFVGR	548	>RUNX1-R16 NDLMFVGR	377	171
>RUNX1-R16 RFNDLRFV	712	>RUNX1-R16 RFNDLMFV	99	613
>RUNX1-R16 RFNDLRFV	2732	>RUNX1-R16 RFNDLMFV	357	2375
>RUNX1-R16 RFNDLRFV	959	>RUNX1-R16 RFNDLMFV	202	757
>RUNX1-R16 RFNDLRFV	2567	>RUNX1-R16 RFNDLMFV	244	2323
>RUNX1-R16 RFNDLRFV	1370	>RUNX1-R16 RFNDLMFV	313	1057
>RUNX1-R16 RFNDLRFV	349	>RUNX1-R16 RFNDLMFV	195	154
>RUNX1-R16 RFNDLRFV	400	>RUNX1-R16 RFNDLMFV	275	125
>RUNX1-R16 RFNDLRFVGF	4	>RUNX1-R16 RFNDLMFVG	5	1
>RUNX1-R16 RFNDLRFVGF	60	>RUNX1-R16 RFNDLMFVG	55	5
>RUNX1-R16 RFNDLRFVGF	711	>RUNX1-R16 RFNDLMFVG	263	448
>RUNX1-R16 RFNDLRFVGF	191	>RUNX1-R16 RFNDLMFVG	521	330
>RUNX1-R16 RFNDLRFVGF	20	>RUNX1-R16 RFNDLMFVG	19	1
>RUNX1-R16 RFNDLRFV	209	>RUNX1-R16 RFNDLMFV	287	78
>RUNX1-R16 ARFNDLRFV	2326	>RUNX1-R16 ARFNDLMFV	257	2069
>RUNX1-R16 ARFNDLRF	18	>RUNX1-R16 ARFNDLMF	7	11
>RUNX1-R16 ARFNDLRFV	401	>RUNX1-R16 ARFNDLMFV	105	296
>RUNX1-R16 ARFNDLRF	46	>RUNX1-R16 ARFNDLMF	40	6
>RUNX1-R16 ARFNDLRFV	58	>RUNX1-R16 ARFNDLMFV	71	13
>RUNX1-R16 ARFNDLRFVC	27	>RUNX1-R16 ARFNDLMFV	28	1
>RUNX1-R16 ARFNDLRFVC	416	>RUNX1-R16 ARFNDLMFV	601	185
>RUNX1-R16 ARFNDLRFV	80	>RUNX1-R16 ARFNDLMFV	165	85
>RUNX1-R16 ARFNDLRFVC	163	>RUNX1-R16 ARFNDLMFV	173	10
>RUNX1-R16 VARFNDLRFV	200	>RUNX1-R16 VARFNDLMF	72	128
>RUNX1-R16 VARFNDLR	287	>RUNX1-R16 VARFNDLM	20099	19812
>RUNX1-R16 VARFNDLR	249	>RUNX1-R16 VARFNDLM	32136	31887
>RUNX1-R16 VARFNDLRF	615	>RUNX1-R16 VARFNDLMF	423	192
>RUNX1-R16 VARFNDLRF	876	>RUNX1-R16 VARFNDLMF	251	625
>RUNX1-R16 VARFNDLR	13489	>RUNX1-R16 VARFNDLM	210	13279
>RUNX1-R16 VARFNDLRF	5	>RUNX1-R16 VARFNDLMF	7	2
>RUNX1-R16 VARFNDLRF	776	>RUNX1-R16 VARFNDLMF	401	375

>RUNX1-R16 VARFNDLRF	946	>RUNX1-R16 VARFNDLMF	422	524
>RUNX1-R16 QVARFNDLRI	2957	>RUNX1-R16 QVARFNDLM	428	2529
>RUNX1-R16 QVARFNDLRI	105	>RUNX1-R16 QVARFNDLM	30	75
>RUNX1-R16 QVARFNDLRI	269	>RUNX1-R16 QVARFNDLM	96	173
>RUNX1-R16 QVARFNDLRI	86	>RUNX1-R16 QVARFNDLM	22	64
>RUNX1-R16 QVARFNDLRI	865	>RUNX1-R16 QVARFNDLM	426	439
>RUNX1-R16 QVARFNDLRI	2532	>RUNX1-R16 QVARFNDLM	493	2039
>RUNX1-R16 QVARFNDLRI	2171	>RUNX1-R16 QVARFNDLM	400	1771
>RUNX1-R16 QVARFNDLRI	795	>RUNX1-R16 QVARFNDLM	104	691
>RUNX1-R16 QVARFNDLR	348	>RUNX1-R16 QVARFNDLM	17357	17009
>RUNX1-R16 QVARFNDLR	21410	>RUNX1-R16 QVARFNDLM	295	21115
>RUNX1-R16 QVARFNDLRI	315	>RUNX1-R16 QVARFNDLM	458	143
>RUNX1-R16 QVARFNDLRI	464	>RUNX1-R16 QVARFNDLM	423	41
>RUNX1-R16 QVARFNDLR	4	>RUNX1-R16 QVARFNDLM	4019	4015
>RUNX1-R16 QVARFNDLR	9611	>RUNX1-R16 QVARFNDLM	141	9470
>RUNX1-R16 QVARFNDLRI	19	>RUNX1-R16 QVARFNDLM	8	11
>RUNX1-R16 QVARFNDLRI	51	>RUNX1-R16 QVARFNDLM	13	38
>RUNX1-R16 QVARFNDLR	15134	>RUNX1-R16 QVARFNDLM	126	15008
>RUNX1-R16 QVARFNDLRI	1021	>RUNX1-R16 QVARFNDLM	271	750
>RUNX1-R16 QVARFNDLR	203	>RUNX1-R16 QVARFNDLM	31185	30982
>RUNX1-R16 NQVARFNDL	711	>RUNX1-R16 NQVARFNDL	416	295
>RUNX1-R16 NQVARFNDL	92	>RUNX1-R16 NQVARFNDL	32654	32562
>RUNX1-R16 NQVARFNDL	123	>RUNX1-R16 NQVARFNDL	100	23
>RUNX1-R16 NQVARFNDL	552	>RUNX1-R16 NQVARFNDL	313	239
>RUNX1-R16 NQVARFNDL	73	>RUNX1-R16 NQVARFNDL	30	43
>RUNX1-R16 NQVARFNDL	16463	>RUNX1-R16 NQVARFNDL	480	15983
>RUNX1-R16 NQVARFNDL	150	>RUNX1-R16 NQVARFNDL	28036	27886
>RUNX1-R16 RFVGRSGRGI	115	>RUNX1-R16 SFVGRSGRGK	208	93
>RUNX1-R16 RFVGRSGRGI	115	>RUNX1-R16 SFVGRSGRGK	1693	1578
>RUNX1-R16 RFVGRSGR	20	>RUNX1-R16 SFVGRSGR	106	86
>RUNX1-R16 RFVGRSGRGI	74	>RUNX1-R16 SFVGRSGRGK	214	140
>RUNX1-R16 RFVGRSGR	721	>RUNX1-R16 SFVGRSGR	246	475
>RUNX1-R16 RFVGRSGR	2654	>RUNX1-R16 SFVGRSGR	481	2173
>RUNX1-R16 RFVGRSGRGI	406	>RUNX1-R16 SFVGRSGRGK	763	357
>RUNX1-R16 RFVGRSGR	42	>RUNX1-R16 SFVGRSGR	117	75
>RUNX1-R16 LRFVGRSGRG	16701	>RUNX1-R16 LSFVGRSGRG	225	16476
>RUNX1-R16 LRFVGRSGRG	19728	>RUNX1-R16 LSFVGRSGRG	107	19621
>RUNX1-R16 LRFVGRSGRG	6027	>RUNX1-R16 LSFVGRSGRG	86	5941
>RUNX1-R16 LRFVGRSGR	5949	>RUNX1-R16 LSFVGRSGR	22	5927
>RUNX1-R16 LRFVGRSGR	3829	>RUNX1-R16 LSFVGRSGR	172	3657
>RUNX1-R16 LRFVGRSGR	1551	>RUNX1-R16 LSFVGRSGR	21	1530
>RUNX1-R16 LRFVGRSGRG	8921	>RUNX1-R16 LSFVGRSGRG	193	8728
>RUNX1-R16 LRFVGRSGR	48	>RUNX1-R16 LSFVGRSGR	17537	17489



>RUNX1-R16 LRFVGRSGRC	37	>RUNX1-R16 LSFVGRSGRG	14762	14725
>RUNX1-R16 LRFVGRSG	281	>RUNX1-R16 LSFVGRSG	12995	12714
>RUNX1-R16 LRFVGRSGRC	303	>RUNX1-R16 LSFVGRSGRG	13049	12746
>RUNX1-R16 LRFVGRSGR	215	>RUNX1-R16 LSFVGRSGR	26793	26578
>RUNX1-R16 LRFVGRSGRC	166	>RUNX1-R16 LSFVGRSGRG	25681	25515
>RUNX1-R16 KNQVARFND	146	>RUNX1-R16 KNQVARFND	16752	16606
>RUNX1-R16 KNQVARFND	337	>RUNX1-R16 KNQVARFND	28976	28639
>RUNX1-R16 DLRFVGRSGF	58	>RUNX1-R16 DLSFVGRSGR	67	9
>RUNX1-R16 DLRFVGRSGF	77	>RUNX1-R16 DLSFVGRSGR	110	33
>RUNX1-R16 DLRFVGRSGF	278	>RUNX1-R16 DLSFVGRSGR	34	244
>RUNX1-R16 NDLRVGR	548	>RUNX1-R16 NDLSFVGR	389	159
>RUNX1-R16 RFNDLRFV	712	>RUNX1-R16 RFNDLSFV	85	627
>RUNX1-R16 RFNDLRFV	959	>RUNX1-R16 RFNDLSFV	214	745
>RUNX1-R16 RFNDLRFV	2567	>RUNX1-R16 RFNDLSFV	303	2264
>RUNX1-R16 RFNDLRFV	1370	>RUNX1-R16 RFNDLSFV	343	1027
>RUNX1-R16 RFNDLRFV	349	>RUNX1-R16 RFNDLSFV	375	26
>RUNX1-R16 RFNDLRFV	400	>RUNX1-R16 RFNDLSFV	360	40
>RUNX1-R16 RFNDLRFVGF	4	>RUNX1-R16 RFNDLSFVGR	5	1
>RUNX1-R16 RFNDLRFVGF	60	>RUNX1-R16 RFNDLSFVGR	55	5
>RUNX1-R16 RFNDLRFVGF	711	>RUNX1-R16 RFNDLSFVGR	348	363
>RUNX1-R16 RFNDLRFVGF	191	>RUNX1-R16 RFNDLSFVGR	178	13
>RUNX1-R16 RFNDLRFVGF	20	>RUNX1-R16 RFNDLSFVGR	19	1
>RUNX1-R16 RFNDLRFV	209	>RUNX1-R16 RFNDLSFV	338	129
>RUNX1-R16 ARFNDLRFV	2326	>RUNX1-R16 ARFNDLSFV	403	1923
>RUNX1-R16 ARFNDLRF	18	>RUNX1-R16 ARFNDLSF	5	13
>RUNX1-R16 ARFNDLRFV	401	>RUNX1-R16 ARFNDLSFV	99	302
>RUNX1-R16 ARFNDLRFVCG	795	>RUNX1-R16 ARFNDLSFVG	302	493
>RUNX1-R16 ARFNDLRF	46	>RUNX1-R16 ARFNDLSF	43	3
>RUNX1-R16 ARFNDLRFV	58	>RUNX1-R16 ARFNDLSFV	85	27
>RUNX1-R16 ARFNDLRFVCG	27	>RUNX1-R16 ARFNDLSFVG	33	6
>RUNX1-R16 ARFNDLRFVCG	416	>RUNX1-R16 ARFNDLSFVG	563	147
>RUNX1-R16 ARFNDLRFV	80	>RUNX1-R16 ARFNDLSFV	73	7
>RUNX1-R16 ARFNDLRFVCG	163	>RUNX1-R16 ARFNDLSFVG	232	69
>RUNX1-R16 VARFNDLRFV	200	>RUNX1-R16 VARFNDLSFV	163	37
>RUNX1-R16 VARFNDLR	287	>RUNX1-R16 VARFNDLS	21467	21180
>RUNX1-R16 VARFNDLR	249	>RUNX1-R16 VARFNDLS	31359	31110
>RUNX1-R16 VARFNDLRF	615	>RUNX1-R16 VARFNDLSF	99	516
>RUNX1-R16 VARFNDLRF	876	>RUNX1-R16 VARFNDLSF	64	812
>RUNX1-R16 VARFNDLRF	5	>RUNX1-R16 VARFNDLSF	6	1
>RUNX1-R16 VARFNDLRF	776	>RUNX1-R16 VARFNDLSF	163	613
>RUNX1-R16 QVARFNDLRI	105	>RUNX1-R16 QVARFNDLSF	27	78
>RUNX1-R16 QVARFNDLRI	269	>RUNX1-R16 QVARFNDLSF	74	195
>RUNX1-R16 QVARFNDLRI	86	>RUNX1-R16 QVARFNDLSF	28	58

>RUNX1-R16 QVARFNDLRI	865	>RUNX1-R16 QVARFNDLSF	475	390
>RUNX1-R16 QVARFNDLRI	795	>RUNX1-R16 QVARFNDLSF	120	675
>RUNX1-R16 QVARFNDLR	348	>RUNX1-R16 QVARFNDLS	18869	18521
>RUNX1-R16 QVARFNDLRI	315	>RUNX1-R16 QVARFNDLSF	349	34
>RUNX1-R16 QVARFNDLRI	1108	>RUNX1-R16 QVARFNDLSF	433	675
>RUNX1-R16 QVARFNDLRI	464	>RUNX1-R16 QVARFNDLSF	105	359
>RUNX1-R16 QVARFNDLR	4	>RUNX1-R16 QVARFNDLS	4117	4113
>RUNX1-R16 QVARFNDLR	9611	>RUNX1-R16 QVARFNDLS	410	9201
>RUNX1-R16 QVARFNDLRI	19	>RUNX1-R16 QVARFNDLSF	10	9
>RUNX1-R16 QVARFNDLRI	51	>RUNX1-R16 QVARFNDLSF	20	31
>RUNX1-R16 QVARFNDLRI	2047	>RUNX1-R16 QVARFNDLSF	442	1605
>RUNX1-R16 QVARFNDLRI	1713	>RUNX1-R16 QVARFNDLSF	402	1311
>RUNX1-R16 QVARFNDLRI	1021	>RUNX1-R16 QVARFNDLSF	291	730
>RUNX1-R16 QVARFNDLR	203	>RUNX1-R16 QVARFNDLS	33169	32966
>RUNX1-R16 NQVARFNDL	711	>RUNX1-R16 NQVARFNDL	177	534
>RUNX1-R16 NQVARFNDL	92	>RUNX1-R16 NQVARFNDL	31683	31591
>RUNX1-R16 NQVARFNDL	123	>RUNX1-R16 NQVARFNDL	59	64
>RUNX1-R16 NQVARFNDL	552	>RUNX1-R16 NQVARFNDL	239	313
>RUNX1-R16 NQVARFNDL	73	>RUNX1-R16 NQVARFNDL	15	58
>RUNX1-R16 NQVARFNDL	150	>RUNX1-R16 NQVARFNDL	28071	27921
>RUNX1-R16 RSGRGKSF	476	>RUNX1-R16 GSGRGKSF	8025	7549
>RUNX1-R16 RSGRGKSFTL	238	>RUNX1-R16 GSGRGKSFTL	3117	2879
>RUNX1-R16 RSGRGKSF	140	>RUNX1-R16 GSGRGKSF	659	519
>RUNX1-R16 RSGRGKSF	34	>RUNX1-R16 GSGRGKSF	932	898
>RUNX1-R16 RSGRGKSF	9	>RUNX1-R16 GSGRGKSF	120	111
>RUNX1-R16 RSGRGKSFTL	15	>RUNX1-R16 GSGRGKSFTL	373	358
>RUNX1-R16 RSGRGKSF	389	>RUNX1-R16 GSGRGKSF	8274	7885
>RUNX1-R16 RSGRGKSF	194	>RUNX1-R16 GSGRGKSF	8932	8738
>RUNX1-R16 RSGRGKSFTL	164	>RUNX1-R16 GSGRGKSFTL	7493	7329
>RUNX1-R16 RSGRGKSF	22	>RUNX1-R16 GSGRGKSF	593	571
>RUNX1-R16 RSGRGKSFTL	187	>RUNX1-R16 GSGRGKSFTL	1575	1388
>RUNX1-R16 GRSGRGKSF	170	>RUNX1-R16 GGSGRGKSF	4822	4652
>RUNX1-R16 GRSGRGKSF	181	>RUNX1-R16 GGSGRGKSF	21667	21486
>RUNX1-R16 GRSGRGKSFT	120	>RUNX1-R16 GGSGRGKSFT	22372	22252
>RUNX1-R16 GRSGRGKSFT	188	>RUNX1-R16 GGSGRGKSFT	24000	23812
>RUNX1-R16 ARFNDLRFVC	27	>RUNX1-R16 ARFNDLRFVC	492	465
>RUNX1-R16 ARFNDLRFVC	163	>RUNX1-R16 ARFNDLRFVC	615	452
>RUNX1-R16 VGRSGRGK	151	>RUNX1-R16 VGGSGRGK	12530	12379
>RUNX1-R16 VGRSGRGKSF	170	>RUNX1-R16 VGGSGRGKSI	2318	2148
>RUNX1-R16 VGRSGRGKSF	213	>RUNX1-R16 VGGSGRGKSI	4874	4661
>RUNX1-R16 FVGRSGRGK	110	>RUNX1-R16 FVGGSGRGK	110	0
>RUNX1-R16 FVGRSGRGK	188	>RUNX1-R16 FVGGSGRGK	90	98
>RUNX1-R16 FVGRSGRGK	145	>RUNX1-R16 FVGGSGRGK	550	405

>RUNX1-R16 FVGRSGRGK!	791	>RUNX1-R16 FVGGSGRGK!	242	549
>RUNX1-R16 RFVGRSGRGI	115	>RUNX1-R16 RFVGGSGRGI	128	13
>RUNX1-R16 RFVGRSGRGI	115	>RUNX1-R16 RFVGGSGRGI	227	112
>RUNX1-R16 RFVGRSGR	20	>RUNX1-R16 RFVGGSGR	56	36
>RUNX1-R16 RFVGRSGRGI	74	>RUNX1-R16 RFVGGSGRGI	180	106
>RUNX1-R16 RFVGRSGRGI	406	>RUNX1-R16 RFVGGSGRGI	482	76
>RUNX1-R16 RFVGRSGR	42	>RUNX1-R16 RFVGGSGR	82	40
>RUNX1-R16 LRFVGRSGR	647	>RUNX1-R16 LRFVGGSGR	405	242
>RUNX1-R16 LRFVGRSGR	48	>RUNX1-R16 LRFVGGSGR	58	10
>RUNX1-R16 LRFVGRSGRC	37	>RUNX1-R16 LRFVGGSGRC	38	1
>RUNX1-R16 LRFVGRSG	281	>RUNX1-R16 LRFVGGSG	374	93
>RUNX1-R16 LRFVGRSGRC	303	>RUNX1-R16 LRFVGGSGRC	311	8
>RUNX1-R16 LRFVGRSGR	215	>RUNX1-R16 LRFVGGSGR	982	767
>RUNX1-R16 LRFVGRSGRC	166	>RUNX1-R16 LRFVGGSGRC	417	251
>RUNX1-R16 DLRFVGRSGF	58	>RUNX1-R16 DLRFVGGSGF	213	155
>RUNX1-R16 DLRFVGRSGF	77	>RUNX1-R16 DLRFVGGSGF	86	9
>RUNX1-R16 DLRFVGRSGF	278	>RUNX1-R16 DLRFVGGSGF	133	145
>RUNX1-R16 RFNDLRFVGF	4	>RUNX1-R16 RFNDLRFVGC	4834	4830
>RUNX1-R16 RFNDLRFVGF	60	>RUNX1-R16 RFNDLRFVGC	17753	17693
>RUNX1-R16 RFNDLRFVGF	191	>RUNX1-R16 RFNDLRFVGC	27076	26885
>RUNX1-R16 RFNDLRFVGF	20	>RUNX1-R16 RFNDLRFVGC	11973	11953
>RUNX1-R16 RSGRGKSF	476	>RUNX1-R16 PSGRGKSF	15689	15213
>RUNX1-R16 RSGRGKSFTL	238	>RUNX1-R16 PSGRGKSFTL	6925	6687
>RUNX1-R16 RSGRGKSF	140	>RUNX1-R16 PSGRGKSF	8894	8754
>RUNX1-R16 RSGRGKSF	34	>RUNX1-R16 PSGRGKSF	2127	2093
>RUNX1-R16 RSGRGKSF	9	>RUNX1-R16 PSGRGKSF	4071	4062
>RUNX1-R16 RSGRGKSFTL	15	>RUNX1-R16 PSGRGKSFTL	6196	6181
>RUNX1-R16 RSGRGKSF	389	>RUNX1-R16 PSGRGKSF	17608	17219
>RUNX1-R16 RSGRGKSF	194	>RUNX1-R16 PSGRGKSF	18079	17885
>RUNX1-R16 RSGRGKSFTL	164	>RUNX1-R16 PSGRGKSFTL	17618	17454
>RUNX1-R16 RSGRGKSF	22	>RUNX1-R16 PSGRGKSF	1521	1499
>RUNX1-R16 RSGRGKSFTL	187	>RUNX1-R16 PSGRGKSFTL	7420	7233
>RUNX1-R16 GRSGRGKSF	22072	>RUNX1-R16 GPSGRGKSF	22	22050
>RUNX1-R16 GRSGRGKSFT	21154	>RUNX1-R16 GPSGRGKSFT	30	21124
>RUNX1-R16 GRSGRGKSF	170	>RUNX1-R16 GPSGRGKSF	3659	3489
>RUNX1-R16 GRSGRGKSF	181	>RUNX1-R16 GPSGRGKSF	23177	22996
>RUNX1-R16 GRSGRGKSFT	120	>RUNX1-R16 GPSGRGKSFT	23378	23258
>RUNX1-R16 GRSGRGKSFT	188	>RUNX1-R16 GPSGRGKSFT	24093	23905
>RUNX1-R16 ARFNDLRFVC	27	>RUNX1-R16 ARFNDLRFVC	287	260
>RUNX1-R16 ARFNDLRFVC	163	>RUNX1-R16 ARFNDLRFVC	923	760
>RUNX1-R16 VGRSGRGKSF	9914	>RUNX1-R16 VGPSGRGKSF	72	9842
>RUNX1-R16 VGRSGRGK	151	>RUNX1-R16 VGPSGRGK	14453	14302
>RUNX1-R16 VGRSGRGKSF	170	>RUNX1-R16 VGPSGRGKSF	2548	2378

>RUNX1-R16 VGRSGRGKSF	213	>RUNX1-R16 VGPSGRGKSF	9651	9438
>RUNX1-R16 FVGRSGRGKS	110	>RUNX1-R16 FVGPSGRGKS	79	31
>RUNX1-R16 FVGRSGRGKS	188	>RUNX1-R16 FVGPSGRGKS	135	53
>RUNX1-R16 FVGRSGRGKS	145	>RUNX1-R16 FVGPSGRGKS	120	25
>RUNX1-R16 FVGRSGRGKS	791	>RUNX1-R16 FVGPSGRGKS	43	748
>RUNX1-R16 RFVGRSGRGI	115	>RUNX1-R16 RFVGPSGRGI	180	65
>RUNX1-R16 RFVGRSGRGI	115	>RUNX1-R16 RFVGPSGRGI	260	145
>RUNX1-R16 RFVGRSGR	20	>RUNX1-R16 RFVGPSGR	54	34
>RUNX1-R16 RFVGRSGRGI	74	>RUNX1-R16 RFVGPSGRGI	116	42
>RUNX1-R16 RFVGRSGRGI	406	>RUNX1-R16 RFVGPSGRGI	470	64
>RUNX1-R16 RFVGRSGR	42	>RUNX1-R16 RFVGPSGR	47	5
>RUNX1-R16 LRFVGRSGR	647	>RUNX1-R16 LRFVGPSGR	456	191
>RUNX1-R16 LRFVGRSGR	48	>RUNX1-R16 LRFVGPSGR	61	13
>RUNX1-R16 LRFVGRSGRC	37	>RUNX1-R16 LRFVGPSGRC	44	7
>RUNX1-R16 LRFVGRSG	281	>RUNX1-R16 LRFVGPSG	241	40
>RUNX1-R16 LRFVGRSGRC	303	>RUNX1-R16 LRFVGPSGRC	475	172
>RUNX1-R16 LRFVGRSGR	215	>RUNX1-R16 LRFVGPSGR	412	197
>RUNX1-R16 LRFVGRSGRC	166	>RUNX1-R16 LRFVGPSGRC	201	35
>RUNX1-R16 DLRFVGRSGF	58	>RUNX1-R16 DLRFVGPSGF	274	216
>RUNX1-R16 DLRFVGRSGF	77	>RUNX1-R16 DLRFVGPSGF	258	181
>RUNX1-R16 DLRFVGRSGF	278	>RUNX1-R16 DLRFVGPSGF	316	38
>RUNX1-R16 RFNDLRFVGF	4	>RUNX1-R16 RFNDLRFVGF	5350	5346
>RUNX1-R16 RFNDLRFVGF	60	>RUNX1-R16 RFNDLRFVGF	18641	18581
>RUNX1-R16 RFNDLRFVGF	191	>RUNX1-R16 RFNDLRFVGF	25356	25165
>RUNX1-R16 RFNDLRFVGF	20	>RUNX1-R16 RFNDLRFVGF	13608	13588
>RUNX1-R16 RSGRGKSF	476	>RUNX1-R16 QSGRGKSF	3572	3096
>RUNX1-R16 RSGRGKSFTL	238	>RUNX1-R16 QSGRGKSFTL	1160	922
>RUNX1-R16 RSGRGKSF	140	>RUNX1-R16 QSGRGKSF	768	628
>RUNX1-R16 RSGRGKSF	34	>RUNX1-R16 QSGRGKSF	268	234
>RUNX1-R16 RSGRGKSF	9	>RUNX1-R16 QSGRGKSF	86	77
>RUNX1-R16 RSGRGKSFTL	15	>RUNX1-R16 QSGRGKSFTL	208	193
>RUNX1-R16 RSGRGKSF	389	>RUNX1-R16 QSGRGKSF	9493	9104
>RUNX1-R16 RSGRGKSF	194	>RUNX1-R16 QSGRGKSF	5406	5212
>RUNX1-R16 RSGRGKSFTL	164	>RUNX1-R16 QSGRGKSFTL	4219	4055
>RUNX1-R16 RSGRGKSF	22	>RUNX1-R16 QSGRGKSF	311	289
>RUNX1-R16 RSGRGKSFTL	187	>RUNX1-R16 QSGRGKSFTL	1182	995
>RUNX1-R16 GRSGRGKSFT	15242	>RUNX1-R16 GQSGRGKSFT	478	14764
>RUNX1-R16 GRSGRGKSFT	19005	>RUNX1-R16 GQSGRGKSFT	151	18854
>RUNX1-R16 GRSGRGKSF	15115	>RUNX1-R16 GQSGRGKSF	72	15043
>RUNX1-R16 GRSGRGKSF	7018	>RUNX1-R16 GQSGRGKSF	224	6794
>RUNX1-R16 GRSGRGKSF	170	>RUNX1-R16 GQSGRGKSF	20	150
>RUNX1-R16 GRSGRGKSF	181	>RUNX1-R16 GQSGRGKSF	4806	4625
>RUNX1-R16 GRSGRGKSFT	120	>RUNX1-R16 GQSGRGKSFT	3076	2956

>RUNX1-R16 GRSGRGKSFT	188	>RUNX1-R16 GQSGRGKSFT	3674	3486
>RUNX1-R16 ARFNDRFVGC	27	>RUNX1-R16 ARFNDRFVGC	217	190
>RUNX1-R16 ARFNDRFVGC	163	>RUNX1-R16 ARFNDRFVGC	480	317
>RUNX1-R16 VGRSGRGK	151	>RUNX1-R16 VGQSGRGK	9533	9382
>RUNX1-R16 VGRSGRGKS	170	>RUNX1-R16 VGQSGRGKS	1168	998
>RUNX1-R16 VGRSGRGKS	213	>RUNX1-R16 VGQSGRGKS	2122	1909
>RUNX1-R16 FVGRSGRGK	110	>RUNX1-R16 FVGQSGRGK	75	35
>RUNX1-R16 FVGRSGRGK	188	>RUNX1-R16 FVGQSGRGK	108	80
>RUNX1-R16 FVGRSGRGK	145	>RUNX1-R16 FVGQSGRGK	211	66
>RUNX1-R16 FVGRSGRGK	791	>RUNX1-R16 FVGQSGRGK	136	655
>RUNX1-R16 RFVGRSGRG	115	>RUNX1-R16 RFVGQSGRG	220	105
>RUNX1-R16 RFVGRSGRG	115	>RUNX1-R16 RFVGQSGRG	168	53
>RUNX1-R16 RFVGRSGR	20	>RUNX1-R16 RFVGQSGR	40	20
>RUNX1-R16 RFVGRSGRG	74	>RUNX1-R16 RFVGQSGRG	173	99
>RUNX1-R16 RFVGRSGRG	406	>RUNX1-R16 RFVGQSGRG	666	260
>RUNX1-R16 RFVGRSGR	42	>RUNX1-R16 RFVGQSGR	42	0
>RUNX1-R16 LRFVGRSGR	48	>RUNX1-R16 LRFVGQSGR	50	2
>RUNX1-R16 LRFVGRSGR	37	>RUNX1-R16 LRFVGQSGR	38	1
>RUNX1-R16 LRFVGRSG	281	>RUNX1-R16 LRFVGQSG	363	82
>RUNX1-R16 LRFVGRSGR	303	>RUNX1-R16 LRFVGQSGR	332	29
>RUNX1-R16 LRFVGRSGR	215	>RUNX1-R16 LRFVGQSGR	831	616
>RUNX1-R16 LRFVGRSGR	166	>RUNX1-R16 LRFVGQSGR	296	130
>RUNX1-R16 DLRFVGRSGF	58	>RUNX1-R16 DLRFVGQSGF	251	193
>RUNX1-R16 DLRFVGRSGF	77	>RUNX1-R16 DLRFVGQSGF	183	106
>RUNX1-R16 DLRFVGRSGF	278	>RUNX1-R16 DLRFVGQSGF	329	51
>RUNX1-R16 RFNDRFVGF	4	>RUNX1-R16 RFNDRFVGC	1051	1047
>RUNX1-R16 RFNDRFVGF	60	>RUNX1-R16 RFNDRFVGC	10445	10385
>RUNX1-R16 RFNDRFVGF	191	>RUNX1-R16 RFNDRFVGC	9703	9512
>RUNX1-R16 RFNDRFVGF	20	>RUNX1-R16 RFNDRFVGC	559	539
>RUNX1-R20 REPRRHRQK	442	>RUNX1-R20 QEPRRHRQK	905	463
>RUNX1-R20 REPRRHRQK	177	>RUNX1-R20 QEPRRHRQK	1361	1184
>RUNX1-R20 REPRRHRQK	353	>RUNX1-R20 QEPRRHRQK	9090	8737
>RUNX1-R20 PREPRRHRQ	99	>RUNX1-R20 PQEPRRHRQ	7879	7780
>RUNX1-R20 RAIKITVDGPF	17	>RUNX1-R20 RAIKITVDGPC	8474	8457
>RUNX1-R20 RAIKITVDGPF	92	>RUNX1-R20 RAIKITVDGPC	10135	10043
>RUNX1-R20 RAIKITVDGPF	77	>RUNX1-R20 RAIKITVDGPC	10562	10485
>RUNX1-R20 TVDGPREPR	79	>RUNX1-R20 TVDGPQEPR	103	24
>RUNX1-R20 TVDGPREPR	234	>RUNX1-R20 TVDGPQEPR	262	28
>RUNX1-R20 ITVDGPREPR	462	>RUNX1-R20 ITVDGPQEPR	548	86
>RUNX1-R20 ITVDGPREPR	29	>RUNX1-R20 ITVDGPQEPR	33	4
>RUNX1-R20 ITVDGPREPR	37	>RUNX1-R20 ITVDGPQEPR	30	7
>RUNX1-R20 KITVDGPR	84	>RUNX1-R20 KITVDGPQ	14980	14896
>RUNX1-R20 KITVDGPREP	58	>RUNX1-R20 KITVDGPQEP	98	40

>RUNX1-R20 KITVDGPR	142	>RUNX1-R20 KITVDGPQ	18594	18452
>RUNX1-R20 KITVDGPREP	183	>RUNX1-R20 KITVDGPQEP	242	59
>RUNX1-R20 AIKITVDGPR	207	>RUNX1-R20 AIKITVDGPQ	23951	23744
>RUNX1-R20 RRHRQKLD	171	>RUNX1-R20 QRHRQKLD	8637	8466
>RUNX1-R20 RRHRQKLDD	307	>RUNX1-R20 QRHRQKLDD	5188	4881
>RUNX1-R20 RRHRQKLDDI	183	>RUNX1-R20 QRHRQKLDD	5545	5362
>RUNX1-R20 RRHRQKLDDI	321	>RUNX1-R20 QRHRQKLDD	4747	4426
>RUNX1-R20 PRRHRQKL	2016	>RUNX1-R20 PQRHRQKL	465	1551
>RUNX1-R20 KITVDGPREP	58	>RUNX1-R20 KITVDGPREP	12439	12381
>RUNX1-R20 KITVDGPREP	183	>RUNX1-R20 KITVDGPREP	17724	17541
>RUNX1-R20 EPRRHRQKL	14	>RUNX1-R20 EPQRHRQKL	143	129
>RUNX1-R20 EPRRHRQKL	13	>RUNX1-R20 EPQRHRQKL	41	28
>RUNX1-R20 REPRRHRQKL	442	>RUNX1-R20 REPQRHRQKL	280	162
>RUNX1-R20 REPRRHRQKL	177	>RUNX1-R20 REPQRHRQKL	339	162
>RUNX1-R20 REPRRHRQKL	353	>RUNX1-R20 REPQRHRQKL	370	17
>RUNX1-R20 PREPRRHRQKL	99	>RUNX1-R20 PREPQRHRQKL	390	291
>RUNX1-R20 TVDGPREPR	79	>RUNX1-R20 TVDGPREPQ	9110	9031
>RUNX1-R20 TVDGPREPRF	234	>RUNX1-R20 TVDGPREPQI	211	23
>RUNX1-R20 ITVDGPREPR	462	>RUNX1-R20 ITVDGPREPQ	445	17
>RUNX1-R20 ITVDGPREPR	29	>RUNX1-R20 ITVDGPREPQ	24722	24693
>RUNX1-R20 ITVDGPREPR	37	>RUNX1-R20 ITVDGPREPQ	27	10
>RUNX1-R25 RASLNHSTA	171	>RUNX1-R25 HASLNHSTA	681	510
>RUNX1-R25 RASLNHSTAF	301	>RUNX1-R25 HASLNHSTAF	2965	2664
>RUNX1-R25 RASLNHSTAF	82	>RUNX1-R25 HASLNHSTAF	174	92
>RUNX1-R25 RASLNHSTAF	11	>RUNX1-R25 HASLNHSTAF	29	18
>RUNX1-R25 RASLNHSTAF	5	>RUNX1-R25 HASLNHSTAF	15	10
>RUNX1-R25 RASLNHSTAF	119	>RUNX1-R25 HASLNHSTAF	2029	1910
>RUNX1-R25 RASLNHSTAF	38	>RUNX1-R25 HASLNHSTAF	332	294
>RUNX1-R25 RASLNHSTAF	1136	>RUNX1-R25 HASLNHSTAF	402	734
>RUNX1-R25 PRASLNHSTA	48	>RUNX1-R25 PHASLNHSTA	71	23
>RUNX1-R25 NPRASLNHST	24	>RUNX1-R25 NPHASLNHST	361	337
>RUNX1-R25 NPRASLNHST	85	>RUNX1-R25 NPHASLNHST	104	19
>RUNX1-R25 TPNPRASL	408	>RUNX1-R25 TPNPHASL	1211	803
>RUNX1-R25 TPNPRASL	22	>RUNX1-R25 TPNPHASL	27	5
>RUNX1-R25 TPNPRASL	1176	>RUNX1-R25 TPNPHASL	256	920
>RUNX1-R25 TPNPRASL	157	>RUNX1-R25 TPNPHASL	99	58
>RUNX1-R25 PTPNPRASL	10	>RUNX1-R25 PTPNPHASL	3	7
>RUNX1-R25 PTPNPRASLN	1336	>RUNX1-R25 PTPNPHASLN	289	1047
>RUNX1-R25 APTPNPRASL	266	>RUNX1-R25 APTPNPHASL	96	170
>RUNX1-R25 APTPNPRASL	57	>RUNX1-R25 APTPNPHASL	115	58
>RUNX1-R25 APTPNPRASL	953	>RUNX1-R25 APTPNPHASL	355	598
>RUNX1-R25 PAPTNPTRAS	65	>RUNX1-R25 PAPTNPTRAS	25	40
>RUNX1-R25 HPAPTNPTR	1864	>RUNX1-R25 HPAPTNPTR	157	1707

>RUNX1-R25 HPAPTPNPR/	379	>RUNX1-R25 HPAPTPNPH/	522	143
>RUNX1-R25 HPAPTPNPR	302	>RUNX1-R25 HPAPTPNPH	22	280
>RUNX1-R25 HPAPTPNPR/	85	>RUNX1-R25 HPAPTPNPH/	45	40
>RUNX1-R25 HPAPTPNPR/	97	>RUNX1-R25 HPAPTPNPH/	76	21
>RUNX1-R25 HPAPTPNPR/	493	>RUNX1-R25 HPAPTPNPH/	194	299
>RUNX1-R25 HPAPTPNPR	102	>RUNX1-R25 HPAPTPNPH	26398	26296
>RUNX1-R25 HHPAPTPNPI	76	>RUNX1-R25 HHPAPTPNPI	24392	24316
>RUNX1-R76 RSMVEVLA	357	>RUNX1-R76 HSMVEVLA	1339	982
>RUNX1-R76 RSMVEVLADI	140	>RUNX1-R76 HSMVEVLAD	1383	1243
>RUNX1-R76 DRSMVEVL	5574	>RUNX1-R76 DHSMVEVL	303	5271
>RUNX1-R76 GDRSMVEV	835	>RUNX1-R76 GDHSMVEV	444	391
>RUNX1-R76 GDRSMVEVL	345	>RUNX1-R76 GDHSMVEVL	208	137
>RUNX1-R76 GDRSMVEV	169	>RUNX1-R76 GDHSMVEV	102	67
>RUNX1-R76 GDRSMVEVL	133	>RUNX1-R76 GDHSMVEVL	89	44
>RUNX1-R76 GDRSMVEV	282	>RUNX1-R76 GDHSMVEV	280	2
>RUNX1-R76 RSGDRSMVE'	259	>RUNX1-R76 RSGDHSMVE	215	44
>RUNX1-R76 RSGDRSMVE'	540	>RUNX1-R76 RSGDHSMVE	313	227
>RUNX1-R76 RSGDRSMV	499	>RUNX1-R76 RSGDHSMV	303	196
>RUNX1-R76 RSGDRSMVE'	110	>RUNX1-R76 RSGDHSMVE	101	9
>RUNX1-R76 RSGDRSMVE'	20	>RUNX1-R76 RSGDHSMVE	22	2
>RUNX1-R76 RSGDRSMVE'	436	>RUNX1-R76 RSGDHSMVE	219	217
>RUNX1-R76 RSGDRSMVE'	153	>RUNX1-R76 RSGDHSMVE	287	134
>RUNX1-R76 RSGDRSMVE'	291	>RUNX1-R76 RSGDHSMVE	240	51
>RUNX1-R76 LRSGDRSM	255	>RUNX1-R76 LRSGDHSM	290	35
>RUNX1-R76 KLRSGDRSM\	82	>RUNX1-R76 KLRSGDHSM'	60	22
>RUNX1-R76 KLRSGDRSM\	116	>RUNX1-R76 KLRSGDHSM'	76	40
>RUNX1-R76 KLRSGDRSM\	68	>RUNX1-R76 KLRSGDHSM'	11	57
>RUNX1-R76 KLRSGDRSM\	573	>RUNX1-R76 KLRSGDHSM'	86	487
>RUNX1-R76 KLRSGDRSM\	156	>RUNX1-R76 KLRSGDHSM'	33	123
>RUNX1-R76 KLRSGDRSM	4007	>RUNX1-R76 KLRSGDHSM	33	3974
>RUNX1-R76 KLRSGDRSM\	6	>RUNX1-R76 KLRSGDHSM'	3	3
>RUNX1-R76 KLRSGDRSM	56	>RUNX1-R76 KLRSGDHSM	47	9
>RUNX1-R76 KLRSGDRSM\	52	>RUNX1-R76 KLRSGDHSM'	41	11
>RUNX1-R76 KLRSGDRSM\	398	>RUNX1-R76 KLRSGDHSM'	429	31
>RUNX1-R76 KLRSGDRSM	95	>RUNX1-R76 KLRSGDHSM	147	52
>RUNX1-R76 KLRSGDRSM	104	>RUNX1-R76 KLRSGDHSM	77	27
>RUNX1-R76 KLRSGDRSM	391	>RUNX1-R76 KLRSGDHSM	219	172
>RUNX1-R76 KLRSGDRSM	358	>RUNX1-R76 KLRSGDHSM	232	126
>RUNX1-R76 KLRSGDRSM	538	>RUNX1-R76 KLRSGDHSM	231	307
>RUNX1-R76 KLRSGDRSM	442	>RUNX1-R76 KLRSGDHSM	394	48
>RUNX1-R76 GKLRSGDRSM	68	>RUNX1-R76 GKLRSGDHSM	49	19
>RUNX1-R76 GKLRSGDRSM	235	>RUNX1-R76 GKLRSGDHSM	160	75
>RUNX1-R76 RSMVEVLA	357	>RUNX1-R76 SSMVEVLA	3692	3335

>RUNX1-R76 RSMVEVLADI	140	>RUNX1-R76 SSMVEVLADI	3024	2884
>RUNX1-R76 GDRSMVEVL	345	>RUNX1-R76 GDSSMVEVL	912	567
>RUNX1-R76 GDRSMVEV	169	>RUNX1-R76 GDSSMVEV	690	521
>RUNX1-R76 GDRSMVEVL	133	>RUNX1-R76 GDSSMVEVL	204	71
>RUNX1-R76 GDRSMVEV	282	>RUNX1-R76 GDSSMVEV	166	116
>RUNX1-R76 GDRSMVEVL	842	>RUNX1-R76 GDSSMVEVL	465	377
>RUNX1-R76 RSGDRSMVE	259	>RUNX1-R76 RSGDSSMVE	396	137
>RUNX1-R76 RSGDRSMVE	540	>RUNX1-R76 RSGDSSMVE	294	246
>RUNX1-R76 RSGDRSMV	499	>RUNX1-R76 RSGDSSMV	84	415
>RUNX1-R76 RSGDRSMVE	110	>RUNX1-R76 RSGDSSMVE	36	74
>RUNX1-R76 RSGDRSMVE	20	>RUNX1-R76 RSGDSSMVE	12	8
>RUNX1-R76 RSGDRSMVE	436	>RUNX1-R76 RSGDSSMVE	104	332
>RUNX1-R76 RSGDRSMV	876	>RUNX1-R76 RSGDSSMV	328	548
>RUNX1-R76 RSGDRSMVE	153	>RUNX1-R76 RSGDSSMVE	191	38
>RUNX1-R76 RSGDRSMVE	558	>RUNX1-R76 RSGDSSMVE	370	188
>RUNX1-R76 RSGDRSMVE	291	>RUNX1-R76 RSGDSSMVE	229	62
>RUNX1-R76 LRSGDRSM	838	>RUNX1-R76 LRSGDSSM	374	464
>RUNX1-R76 LRSGDRSM	255	>RUNX1-R76 LRSGDSSM	406	151
>RUNX1-R76 KLRSGDRSM	82	>RUNX1-R76 KLRSGDSSM	49	33
>RUNX1-R76 KLRSGDRSM	3916	>RUNX1-R76 KLRSGDSSM	487	3429
>RUNX1-R76 KLRSGDRSM	116	>RUNX1-R76 KLRSGDSSM	54	62
>RUNX1-R76 KLRSGDRSM	68	>RUNX1-R76 KLRSGDSSM	17	51
>RUNX1-R76 KLRSGDRSM	573	>RUNX1-R76 KLRSGDSSM	61	512
>RUNX1-R76 KLRSGDRSM	156	>RUNX1-R76 KLRSGDSSM	31	125
>RUNX1-R76 KLRSGDRSM	4007	>RUNX1-R76 KLRSGDSSM	339	3668
>RUNX1-R76 KLRSGDRSM	6	>RUNX1-R76 KLRSGDSSM	3	3
>RUNX1-R76 KLRSGDRSM	56	>RUNX1-R76 KLRSGDSSM	58	2
>RUNX1-R76 KLRSGDRSM	52	>RUNX1-R76 KLRSGDSSM	55	3
>RUNX1-R76 KLRSGDRSM	398	>RUNX1-R76 KLRSGDSSM	369	29
>RUNX1-R76 KLRSGDRSM	95	>RUNX1-R76 KLRSGDSSM	93	2
>RUNX1-R76 KLRSGDRSM	104	>RUNX1-R76 KLRSGDSSM	48	56
>RUNX1-R76 KLRSGDRSM	391	>RUNX1-R76 KLRSGDSSM	121	270
>RUNX1-R76 KLRSGDRSM	358	>RUNX1-R76 KLRSGDSSM	66	292
>RUNX1-R76 KLRSGDRSM	935	>RUNX1-R76 KLRSGDSSM	458	477
>RUNX1-R76 KLRSGDRSM	538	>RUNX1-R76 KLRSGDSSM	103	435
>RUNX1-R76 KLRSGDRSM	442	>RUNX1-R76 KLRSGDSSM	20	422
>RUNX1-R76 GKLRSGDRSM	68	>RUNX1-R76 GKLRSGDSSM	19	49
>RUNX1-R76 GKLRSGDRSM	235	>RUNX1-R76 GKLRSGDSSM	132	103
>RUNX1-R76 AGKLRSGDRS	4021	>RUNX1-R76 AGKLRSGDSS	487	3534
>RUNX1-S10 SVLPTHWRC	655	>RUNX1-S10 FVLPTHWRC	30	625
>RUNX1-S10 SVLPTHWRC	93	>RUNX1-S10 FVLPTHWRC	16	77
>RUNX1-S10 SVLPTHWRC	147	>RUNX1-S10 FVLPTHWRC	16	131
>RUNX1-S10 SVLPTHWRCI	178	>RUNX1-S10 FVLPTHWRCI	609	431



>RUNX1-S10 SVLP THWR	35	>RUNX1-S10 FVLP THWR	536	501
>RUNX1-S10 SVLP THWRCI	10	>RUNX1-S10 FVLP THWRCI	57	47
>RUNX1-S10 SVLP THWRCI	9	>RUNX1-S10 FVLP THWRCI	223	214
>RUNX1-S10 SVLP THWR	15	>RUNX1-S10 FVLP THWR	73	58
>RUNX1-S10 SVLP THWRCI	70	>RUNX1-S10 FVLP THWRCI	741	671
>RUNX1-S10 SVLP THWR	349	>RUNX1-S10 FVLP THWR	105	244
>RUNX1-S10 SVLP THWR	39	>RUNX1-S10 FVLP THWR	14	25
>RUNX1-S10 SVLP THWRCI	233	>RUNX1-S10 FVLP THWRCI	64	169
>RUNX1-S10 SVLP THWR	114	>RUNX1-S10 FVLP THWR	1238	1124
>RUNX1-S10 SVLP THWRCI	234	>RUNX1-S10 FVLP THWRCI	2919	2685
>RUNX1-S10 SVLP THWR	83	>RUNX1-S10 FVLP THWR	122	39
>RUNX1-S10 CSVLP THWR	146	>RUNX1-S10 CFVLP THWR	71	75
>RUNX1-S10 CSVLP THWR	1105	>RUNX1-S10 CFVLP THWR	166	939
>RUNX1-S10 CSVLP THWR	41	>RUNX1-S10 CFVLP THWR	215	174
>RUNX1-S10 CSVLP THW	7	>RUNX1-S10 CFVLP THW	8369	8362
>RUNX1-S10 CSVLP THW	69	>RUNX1-S10 CFVLP THW	17510	17441
>RUNX1-S10 CSVLP THW	11	>RUNX1-S10 CFVLP THW	595	584
>RUNX1-S10 CSVLP THWR	113	>RUNX1-S10 CFVLP THWR	22	91
>RUNX1-S10 VRTDSPNFLC	6241	>RUNX1-S10 VRTDSPNFLC	42	6199
>RUNX1-S10 VRTDSPNFLC	11121	>RUNX1-S10 VRTDSPNFLC	242	10879
>RUNX1-S10 LCSVLP THWF	244	>RUNX1-S10 LCFVLP THWF	208	36
>RUNX1-S10 LCSVLP THW	1615	>RUNX1-S10 LCFVLP THW	365	1250
>RUNX1-S10 LCSVLP THW	2991	>RUNX1-S10 LCFVLP THW	438	2553
>RUNX1-S10 LCSVLP THW	86	>RUNX1-S10 LCFVLP THW	69	17
>RUNX1-S10 LCSVLP THWF	297	>RUNX1-S10 LCFVLP THWF	84	213
>RUNX1-S10 FLCSVLPT	37	>RUNX1-S10 FLCFVLPT	61	24
>RUNX1-S10 FLCSVLPT	25	>RUNX1-S10 FLCFVLPT	56	31
>RUNX1-S10 FLCSVLP THW	413	>RUNX1-S10 FLCFVLP THW	938	525
>RUNX1-S10 FLCSVLPT	16	>RUNX1-S10 FLCFVLPT	32	16
>RUNX1-S10 FLCSVLPT	85	>RUNX1-S10 FLCFVLPT	252	167
>RUNX1-S10 FLCSVLPT	11	>RUNX1-S10 FLCFVLPT	15	4
>RUNX1-S10 FLCSVLP TH	452	>RUNX1-S10 FLCFVLP TH	865	413
>RUNX1-S10 FLCSVLPT	193	>RUNX1-S10 FLCFVLPT	497	304
>RUNX1-S10 FLCSVLPT	16	>RUNX1-S10 FLCFVLPT	43	27
>RUNX1-S10 FLCSVLP THW	202	>RUNX1-S10 FLCFVLP THW	611	409
>RUNX1-S10 FLCSVLP THW	171	>RUNX1-S10 FLCFVLP THW	255	84
>RUNX1-S10 FLCSVLP THW	87	>RUNX1-S10 FLCFVLP THW	54	33
>RUNX1-S10 FLCSVLP THW	23	>RUNX1-S10 FLCFVLP THW	18	5
>RUNX1-S10 FLCSVLP THW	433	>RUNX1-S10 FLCFVLP THW	604	171
>RUNX1-S10 FLCSVLP THW	111	>RUNX1-S10 FLCFVLP THW	191	80
>RUNX1-S10 FLCSVLP THW	567	>RUNX1-S10 FLCFVLP THW	455	112
>RUNX1-S10 FLCSVLP THW	360	>RUNX1-S10 FLCFVLP THW	328	32
>RUNX1-S10 NFLCSVLP TH'	321	>RUNX1-S10 NFLCFVLP TH'	459	138

>RUNX1-S10 NFLCSVLPTH'	812	>RUNX1-S10 NFLCFVLPTH'	482	330
>RUNX1-S10 SPNFLCSVL	1873	>RUNX1-S10 SPNFLCFVL	184	1689
>RUNX1-S10 SPNFLCSV	896	>RUNX1-S10 SPNFLCFV	415	481
>RUNX1-S10 SPNFLCSV	340	>RUNX1-S10 SPNFLCFV	4524	4184
>RUNX1-S10 SPNFLCSVL	57	>RUNX1-S10 SPNFLCFVL	155	98
>RUNX1-S10 SPNFLCSVL	557	>RUNX1-S10 SPNFLCFVL	423	134
>RUNX1-S10 SPNFLCSVLP1	529	>RUNX1-S10 SPNFLCFVLP1	441	88
>RUNX1-S10 SPNFLCSVL	65	>RUNX1-S10 SPNFLCFVL	1667	1602
>RUNX1-S10 SPNFLCSVL	653	>RUNX1-S10 SPNFLCFVL	275	378
>RUNX1-S10 DSPNFLCSV	125	>RUNX1-S10 DSPNFLCFV	53	72
>RUNX1-S10 DSPNFLCSVL	587	>RUNX1-S10 DSPNFLCFVL	330	257
>RUNX1-S10 DSPNFLCSV	435	>RUNX1-S10 DSPNFLCFV	231	204
>RUNX1-S10 DSPNFLCSV	1076	>RUNX1-S10 DSPNFLCFV	130	946
>RUNX1-S10 DSPNFLCSVL	87	>RUNX1-S10 DSPNFLCFVL	26	61
>RUNX1-S10 TDSPNFLCSV	1104	>RUNX1-S10 TDSPNFLCFV	153	951
>RUNX1-S10 TDSPNFLCSV	82	>RUNX1-S10 TDSPNFLCFV	49	33
>RUNX1-S10 TDSPNFLCSV	441	>RUNX1-S10 TDSPNFLCFV	155	286
>RUNX1-S10 RTDSPNFLCS	13344	>RUNX1-S10 RTDSPNFLCF	268	13076
>RUNX1-S10 RTDSPNFLCS'	203	>RUNX1-S10 RTDSPNFLCF'	92	111
>RUNX1-S10 RTDSPNFLCS'	1291	>RUNX1-S10 RTDSPNFLCF'	444	847
>RUNX1-S10 RTDSPNFLCS'	34	>RUNX1-S10 RTDSPNFLCF'	16	18
>RUNX1-S10 RTDSPNFLCS'	10	>RUNX1-S10 RTDSPNFLCF'	7	3
>RUNX1-S10 RTDSPNFLCS'	329	>RUNX1-S10 RTDSPNFLCF'	173	156
>RUNX1-S10 RTDSPNFLCS'	100	>RUNX1-S10 RTDSPNFLCF'	29	71
>RUNX1-S10 RTDSPNFLCS'	189	>RUNX1-S10 RTDSPNFLCF'	259	70
>RUNX1-S10 RTDSPNFLCS	15184	>RUNX1-S10 RTDSPNFLCF	228	14956
>RUNX1-S10 RTDSPNFLCS'	440	>RUNX1-S10 RTDSPNFLCF'	2871	2431
>RUNX1-S10 RTDSPNFLCS'	22	>RUNX1-S10 RTDSPNFLCF'	15	7
>RUNX1-S10 RTDSPNFLCS	20730	>RUNX1-S10 RTDSPNFLCF	498	20232
>RUNX1-S10 RTDSPNFLCS	6169	>RUNX1-S10 RTDSPNFLCF	7	6162
>RUNX1-S10 RTDSPNFLCS'	105	>RUNX1-S10 RTDSPNFLCF'	208	103
>RUNX1-S10 RTDSPNFLCS	17794	>RUNX1-S10 RTDSPNFLCF	61	17733
>RUNX1-S10 RTDSPNFLCS	4508	>RUNX1-S10 RTDSPNFLCF	168	4340
>RUNX1-S10 RTDSPNFLCS'	543	>RUNX1-S10 RTDSPNFLCF'	163	380
>RUNX1-S10 RTDSPNFLCS	14536	>RUNX1-S10 RTDSPNFLCF	120	14416
>RUNX1-S10 RTDSPNFLCS'	226	>RUNX1-S10 RTDSPNFLCF'	213	13
>RUNX1-S14 SAELRNATAA	495	>RUNX1-S14 LAELRNATAA	184	311
>RUNX1-S14 SAELRNATAA	199	>RUNX1-S14 LAELRNATAA	54	145
>RUNX1-S14 YSAELRNA	8282	>RUNX1-S14 YLAELRNA	34	8248
>RUNX1-S14 YSAELRNAT	17115	>RUNX1-S14 YLAELRNAT	217	16898
>RUNX1-S14 YSAELRNATA	6424	>RUNX1-S14 YLAELRNATA	39	6385
>RUNX1-S14 YSAELRNATA	7494	>RUNX1-S14 YLAELRNATA	30	7464
>RUNX1-S14 YSAELRNA	1409	>RUNX1-S14 YLAELRNA	6	1403

>RUNX1-S14 YSAELRNAT	3218	>RUNX1-S14 YLAELRNAT	12	3206
>RUNX1-S14 YSAELRNATA	2122	>RUNX1-S14 YLAELRNATA	17	2105
>RUNX1-S14 YSAELRNATA	493	>RUNX1-S14 YLAELRNATA	5	488
>RUNX1-S14 YSAELRNA	1938	>RUNX1-S14 YLAELRNA	4	1934
>RUNX1-S14 YSAELRNAT	10411	>RUNX1-S14 YLAELRNAT	23	10388
>RUNX1-S14 YSAELRNATA	2445	>RUNX1-S14 YLAELRNATA	21	2424
>RUNX1-S14 YSAELRNATA	1273	>RUNX1-S14 YLAELRNATA	4	1269
>RUNX1-S14 YSAELRNA	1767	>RUNX1-S14 YLAELRNA	45	1722
>RUNX1-S14 YSAELRNAT	3321	>RUNX1-S14 YLAELRNAT	81	3240
>RUNX1-S14 YSAELRNATA	1134	>RUNX1-S14 YLAELRNATA	121	1013
>RUNX1-S14 YSAELRNATA	345	>RUNX1-S14 YLAELRNATA	12	333
>RUNX1-S14 YSAELRNA	9533	>RUNX1-S14 YLAELRNA	12	9521
>RUNX1-S14 YSAELRNAT	18238	>RUNX1-S14 YLAELRNAT	109	18129
>RUNX1-S14 YSAELRNATA	6044	>RUNX1-S14 YLAELRNATA	8	6036
>RUNX1-S14 YSAELRNATA	6128	>RUNX1-S14 YLAELRNATA	9	6119
>RUNX1-S14 YSAELRNA	18684	>RUNX1-S14 YLAELRNA	51	18633
>RUNX1-S14 YSAELRNATA	11211	>RUNX1-S14 YLAELRNATA	17	11194
>RUNX1-S14 YSAELRNATA	13438	>RUNX1-S14 YLAELRNATA	20	13418
>RUNX1-S14 YSAELRNA	15929	>RUNX1-S14 YLAELRNA	18	15911
>RUNX1-S14 YSAELRNAT	23400	>RUNX1-S14 YLAELRNAT	230	23170
>RUNX1-S14 YSAELRNATA	12460	>RUNX1-S14 YLAELRNATA	14	12446
>RUNX1-S14 YSAELRNATA	15384	>RUNX1-S14 YLAELRNATA	16	15368
>RUNX1-S14 YSAELRNA	20809	>RUNX1-S14 YLAELRNA	57	20752
>RUNX1-S14 YSAELRNATA	18964	>RUNX1-S14 YLAELRNATA	32	18932
>RUNX1-S14 YSAELRNATA	19436	>RUNX1-S14 YLAELRNATA	63	19373
>RUNX1-S14 YSAELRNA	19955	>RUNX1-S14 YLAELRNA	4	19951
>RUNX1-S14 YSAELRNAT	28142	>RUNX1-S14 YLAELRNAT	12	28130
>RUNX1-S14 YSAELRNATA	12663	>RUNX1-S14 YLAELRNATA	3	12660
>RUNX1-S14 YSAELRNATA	15832	>RUNX1-S14 YLAELRNATA	3	15829
>RUNX1-S14 YSAELRNA	456	>RUNX1-S14 YLAELRNA	1420	964
>RUNX1-S14 YSAELRNATA	201	>RUNX1-S14 YLAELRNATA	529	328
>RUNX1-S14 YSAELRNATA	92	>RUNX1-S14 YLAELRNATA	389	297
>RUNX1-S14 TVMAGNDEM	15122	>RUNX1-S14 TVMAGNDEM	332	14790
>RUNX1-S14 TVMAGNDEM	6246	>RUNX1-S14 TVMAGNDEM	27	6219
>RUNX1-S14 TVMAGNDEM	3191	>RUNX1-S14 TVMAGNDEM	67	3124
>RUNX1-S14 TVMAGNDEM	10180	>RUNX1-S14 TVMAGNDEM	235	9945
>RUNX1-S14 TVMAGNDEM	139	>RUNX1-S14 TVMAGNDEM	13	126
>RUNX1-S14 TVMAGNDEM	7385	>RUNX1-S14 TVMAGNDEM	170	7215
>RUNX1-S14 ENYSAELR	11	>RUNX1-S14 ENYLAELR	24	13
>RUNX1-S14 DENYSAEL	325	>RUNX1-S14 DENYLAEL	776	451
>RUNX1-S14 DENYSAELR	110	>RUNX1-S14 DENYLAELR	160	50
>RUNX1-S14 DENYSAEL	75	>RUNX1-S14 DENYLAEL	29	46
>RUNX1-S14 DENYSAEL	489	>RUNX1-S14 DENYLAEL	530	41

>RUNX1-S14:AGNDENYSA	369	>RUNX1-S14:AGNDENYLA	259	110
>RUNX1-S14:VMAGNDEN\	11067	>RUNX1-S14:VMAGNDEN\	212	10855
>RUNX1-S14:VMAGNDEN\	123	>RUNX1-S14:VMAGNDEN\	98	25
>RUNX1-S14:VMAGNDEN\	3271	>RUNX1-S14:VMAGNDEN\	28	3243
>RUNX1-S14:VMAGNDEN\	20	>RUNX1-S14:VMAGNDEN\	15	5
>RUNX1-S14:VMAGNDEN\	9228	>RUNX1-S14:VMAGNDEN\	354	8874
>RUNX1-S14:VMAGNDEN\	48	>RUNX1-S14:VMAGNDEN\	67	19
>RUNX1-S14:VMAGNDEN\	224	>RUNX1-S14:VMAGNDEN\	350	126
>RUNX1-S14:VMAGNDEN\	531	>RUNX1-S14:VMAGNDEN\	8	523
>RUNX1-S14:VMAGNDEN\	16	>RUNX1-S14:VMAGNDEN\	24	8
>RUNX1-S14:VMAGNDEN\	5239	>RUNX1-S14:VMAGNDEN\	12	5227
>RUNX1-S14:VMAGNDEN\	35	>RUNX1-S14:VMAGNDEN\	71	36
>RUNX1-S14:VMAGNDEN\	3288	>RUNX1-S14:VMAGNDEN\	14	3274
>RUNX1-S14:VMAGNDEN\	41	>RUNX1-S14:VMAGNDEN\	42	1
>RUNX1-S14:VMAGNDEN\	3328	>RUNX1-S14:VMAGNDEN\	8	3320
>RUNX1-S14:VMAGNDEN\	19	>RUNX1-S14:VMAGNDEN\	36	17
>RUNX1-S14:VMAGNDEN\	809	>RUNX1-S14:VMAGNDEN\	4	805
>RUNX1-S14:VMAGNDEN\	8	>RUNX1-S14:VMAGNDEN\	10	2
>RUNX1-S94:SPNFLCSV	340	>RUNX1-S94:IPNFLCSV	382	42
>RUNX1-S94:SPNFLCSVL	57	>RUNX1-S94:IPNFLCSVL	56	1
>RUNX1-S94:SPNFLCSVL	557	>RUNX1-S94:IPNFLCSVL	228	329
>RUNX1-S94:SPNFLCSVLPT	529	>RUNX1-S94:IPNFLCSVLPT	253	276
>RUNX1-S94:SPNFLCSV	4264	>RUNX1-S94:IPNFLCSV	411	3853
>RUNX1-S94:SPNFLCSV	748	>RUNX1-S94:IPNFLCSV	64	684
>RUNX1-S94:SPNFLCSVLPT	3842	>RUNX1-S94:IPNFLCSVLPT	360	3482
>RUNX1-S94:SPNFLCSVL	65	>RUNX1-S94:IPNFLCSVL	59	6
>RUNX1-S94:DSPNFLCSV	7220	>RUNX1-S94:DIPNFLCSV	94	7126
>RUNX1-S94:DSPNFLCSV	15519	>RUNX1-S94:DIPNFLCSV	339	15180
>RUNX1-S94:DSPNFLCSV	13698	>RUNX1-S94:DIPNFLCSV	38	13660
>RUNX1-S94:DSPNFLCSV	125	>RUNX1-S94:DIPNFLCSV	102	23
>RUNX1-S94:DSPNFLCSV	435	>RUNX1-S94:DIPNFLCSV	92	343
>RUNX1-S94:DSPNFLCSVL	87	>RUNX1-S94:DIPNFLCSVL	5911	5824
>RUNX1-S94:TDSPNFLCSV	1197	>RUNX1-S94:TDIPNFLCSVL	354	843
>RUNX1-S94:TDSPNFLCSV	82	>RUNX1-S94:TDIPNFLCSV	58	24
>RUNX1-S94:TDSPNFLCSV	441	>RUNX1-S94:TDIPNFLCSVL	280	161
>RUNX1-S94:RTDSPNFLCS\	203	>RUNX1-S94:RTDIPNFLCS\	692	489
>RUNX1-S94:RTDSPNFLCS\	34	>RUNX1-S94:RTDIPNFLCS\	50	16
>RUNX1-S94:RTDSPNFL	411	>RUNX1-S94:RTDIPNFL	550	139
>RUNX1-S94:RTDSPNFLCS\	10	>RUNX1-S94:RTDIPNFLCS\	13	3
>RUNX1-S94:RTDSPNFLCS\	329	>RUNX1-S94:RTDIPNFLCS\	651	322
>RUNX1-S94:RTDSPNFLCS\	100	>RUNX1-S94:RTDIPNFLCS\	125	25
>RUNX1-S94:RTDSPNFLCS\	189	>RUNX1-S94:RTDIPNFLCS\	292	103
>RUNX1-S94:RTDSPNFLCS\	440	>RUNX1-S94:RTDIPNFLCS\	812	372

>RUNX1-S94 RTDSPNFLCS'	22	>RUNX1-S94 RTDIPNFLCS\	39	17
>RUNX1-S94 RTDSPNFL	20	>RUNX1-S94 RTDIPNFL	17	3
>RUNX1-S94 RTDSPNFLCS'	105	>RUNX1-S94 RTDIPNFLCS\	40	65
>RUNX1-S94 RTDSPNFLC	223	>RUNX1-S94 RTDIPNFLC	411	188
>RUNX1-S94 RTDSPNFL	34	>RUNX1-S94 RTDIPNFL	56	22
>RUNX1-S94 RTDSPNFLCS'	226	>RUNX1-S94 RTDIPNFLCS\	935	709
>RUNX1-S94 RTDSPNFL	244	>RUNX1-S94 RTDIPNFL	217	27
>RUNX1-S94 VRTDSPNF	51	>RUNX1-S94 VRTDIPNF	164	113
>RUNX1-S94 VRTDSPNFL	142	>RUNX1-S94 VRTDIPNFL	36	106
>RUNX1-S94 LVRTDSPNFL	504	>RUNX1-S94 LVRTDIPNFL	325	179
>RUNX1-S94 LVRTDSPNF	495	>RUNX1-S94 LVRTDIPNF	34	461
>RUNX1-S94 LVRTDSPNF	475	>RUNX1-S94 LVRTDIPNF	1257	782
>RUNX1-S94 LVRTDSPNFL	16	>RUNX1-S94 LVRTDIPNFL	28	12
>RUNX1-S94 LVRTDSPNF	158	>RUNX1-S94 LVRTDIPNF	395	237
>RUNX1-S94 LVRTDSPNF	70	>RUNX1-S94 LVRTDIPNF	111	41
>RUNX1-S94 LVRTDSPNF	60	>RUNX1-S94 LVRTDIPNF	129	69
>RUNX1-S94 LVRTDSPNFL	481	>RUNX1-S94 LVRTDIPNFL	508	27
>RUNX1-S94 ELVRTDSPNF	396	>RUNX1-S94 ELVRTDIPNFL	299	97
>RUNX1-S94 ELVRTDSPNF	418	>RUNX1-S94 ELVRTDIPNFL	293	125
>RUNX1-S94 ELVRTDSPNF	471	>RUNX1-S94 ELVRTDIPNFL	412	59
>RUNX1-S94 ELVRTDSPNF	667	>RUNX1-S94 ELVRTDIPNFL	441	226
>RUNX1-S94 ELVRTDSPNF	114	>RUNX1-S94 ELVRTDIPNFL	121	7
>RUNX1-S94 ELVRTDSPNF	23	>RUNX1-S94 ELVRTDIPNF	17	6
>RUNX1-S94 ELVRTDSPNF	113	>RUNX1-S94 ELVRTDIPNFL	201	88
>RUNX1-S94 ELVRTDSPNF	427	>RUNX1-S94 ELVRTDIPNFL	267	160
>RUNX1-S94 ELVRTDSPNF	173	>RUNX1-S94 ELVRTDIPNF	293	120
>RUNX1-S94 GELVRTDS	3107	>RUNX1-S94 GELVRTDI	285	2822
>RUNX1-S94 GELVRTDSPN	274	>RUNX1-S94 GELVRTDIPN	223	51
>RUNX1-S94 GELVRTDSPN	117	>RUNX1-S94 GELVRTDIPN	133	16
>RUNX1-S94 GELVRTDSPN	196	>RUNX1-S94 GELVRTDIPN	146	50
>RUNX1-S94 GELVRTDS	21388	>RUNX1-S94 GELVRTDI	31	21357
>RUNX1-S94 GELVRTDSP	385	>RUNX1-S94 GELVRTDIP	444	59
>RUNX1-S94 GELVRTDSPN	21	>RUNX1-S94 GELVRTDIPN	14	7
>RUNX1-S94 HPGELVRTDS	8675	>RUNX1-S94 HPGELVRTDI	398	8277
>RUNX1-T11 TLPIAFKV	262	>RUNX1-T11 NLPIAFKV	568	306
>RUNX1-T11 TLPIAFKV	85	>RUNX1-T11 NLPIAFKV	102	17
>RUNX1-T11 TLPIAFKVVAL	199	>RUNX1-T11 NLPIAFKVVA	230	31
>RUNX1-T11 TLPIAFKV	57	>RUNX1-T11 NLPIAFKV	85	28
>RUNX1-T11 TLPIAFKVV	176	>RUNX1-T11 NLPIAFKVV	232	56
>RUNX1-T11 TLPIAFKVVAL	247	>RUNX1-T11 NLPIAFKVVA	334	87
>RUNX1-T11 TLPIAFKV	83	>RUNX1-T11 NLPIAFKV	97	14
>RUNX1-T11 TLPIAFKV	17	>RUNX1-T11 NLPIAFKV	29	12
>RUNX1-T11 TLPIAFKVV	112	>RUNX1-T11 NLPIAFKVV	189	77

>RUNX1-T11 TLPIAFKVVAl	198	>RUNX1-T11 NLPIAFKVVAl	310	112
>RUNX1-T11 TLPIAFKV	181	>RUNX1-T11 NLPIAFKV	166	15
>RUNX1-T11 TLPIAFKV	13	>RUNX1-T11 NLPIAFKV	22	9
>RUNX1-T11 TLPIAFKVV	108	>RUNX1-T11 NLPIAFKVV	272	164
>RUNX1-T11 TLPIAFKV	92	>RUNX1-T11 NLPIAFKV	68	24
>RUNX1-T11 TLPIAFKV	4	>RUNX1-T11 NLPIAFKV	9	5
>RUNX1-T11 TLPIAFKVV	15	>RUNX1-T11 NLPIAFKVV	39	24
>RUNX1-T11 TLPIAFKVVA	267	>RUNX1-T11 NLPIAFKVVA	876	609
>RUNX1-T11 TLPIAFKVVAl	47	>RUNX1-T11 NLPIAFKVVAl	161	114
>RUNX1-T11 TLPIAFKV	166	>RUNX1-T11 NLPIAFKV	214	48
>RUNX1-T11 TLPIAFKVV	61	>RUNX1-T11 NLPIAFKVV	819	758
>RUNX1-T11 TLPIAFKVVAl	40	>RUNX1-T11 NLPIAFKVVAl	421	381
>RUNX1-T11 KTLPIAFKV	38	>RUNX1-T11 KNLPIAFKV	7120	7082
>RUNX1-T11 KTLPIAFKV	92	>RUNX1-T11 KNLPIAFKV	2234	2142
>RUNX1-T11 KTLPIAFKVV	360	>RUNX1-T11 KNLPIAFKVV	5799	5439
>RUNX1-T11 KTLPIAFKV	14	>RUNX1-T11 KNLPIAFKV	545	531
>RUNX1-T11 KTLPIAFKVV	97	>RUNX1-T11 KNLPIAFKVV	1445	1348
>RUNX1-T11 KTLPIAFKVVAl	308	>RUNX1-T11 KNLPIAFKVVAl	8277	7969
>RUNX1-T11 KTLPIAFKV	10	>RUNX1-T11 KNLPIAFKV	1201	1191
>RUNX1-T11 KTLPIAFKVV	62	>RUNX1-T11 KNLPIAFKVV	4774	4712
>RUNX1-T11 KTLPIAFKV	39	>RUNX1-T11 KNLPIAFKV	9224	9185
>RUNX1-T11 KTLPIAFKVV	461	>RUNX1-T11 KNLPIAFKVV	14230	13769
>RUNX1-T11 KTLPIAFKV	15	>RUNX1-T11 KNLPIAFKV	729	714
>RUNX1-T11 KTLPIAFKVV	144	>RUNX1-T11 KNLPIAFKVV	5034	4890
>RUNX1-T11 KTLPIAFKV	47	>RUNX1-T11 KNLPIAFKV	9821	9774
>RUNX1-T11 KTLPIAFKV	55	>RUNX1-T11 KNLPIAFKV	7453	7398
>RUNX1-T11 KTLPIAFKVV	454	>RUNX1-T11 KNLPIAFKVV	14600	14146
>RUNX1-T11 KTLPIAFK	38	>RUNX1-T11 KNLPIAFK	1081	1043
>RUNX1-T11 KTLPIAFK	9	>RUNX1-T11 KNLPIAFK	199	190
>RUNX1-T11 KTLPIAFK	5	>RUNX1-T11 KNLPIAFK	32	27
>RUNX1-T11 KTLPIAFKV	163	>RUNX1-T11 KNLPIAFKV	6882	6719
>RUNX1-T11 KTLPIAFKVV	117	>RUNX1-T11 KNLPIAFKVV	5835	5718
>RUNX1-T11 KTLPIAFKVVAl	59	>RUNX1-T11 KNLPIAFKVVAl	4019	3960
>RUNX1-T11 KTLPIAFK	12	>RUNX1-T11 KNLPIAFK	184	172
>RUNX1-T11 KTLPIAFKV	328	>RUNX1-T11 KNLPIAFKV	8727	8399
>RUNX1-T11 KTLPIAFKV	59	>RUNX1-T11 KNLPIAFKV	2597	2538
>RUNX1-T11 KTLPIAFKVV	232	>RUNX1-T11 KNLPIAFKVV	7576	7344
>RUNX1-T11 KTLPIAFKVVAl	252	>RUNX1-T11 KNLPIAFKVVAl	12811	12559
>RUNX1-T11 KTLPIAFK	108	>RUNX1-T11 KNLPIAFK	5959	5851
>RUNX1-T11 KTLPIAFKV	88	>RUNX1-T11 KNLPIAFKV	7756	7668
>RUNX1-T11 KTLPIAFKV	12	>RUNX1-T11 KNLPIAFKV	3809	3797
>RUNX1-T11 KTLPIAFKVV	302	>RUNX1-T11 KNLPIAFKVV	11539	11237
>RUNX1-T11 KTLPIAFKV	14	>RUNX1-T11 KNLPIAFKV	13864	13850

>RUNX1-T11 KTLPIAFKVV	44	>RUNX1-T11 KNLPIAFKVV	18321	18277
>RUNX1-T11 KTLPIAFKV	400	>RUNX1-T11 KNLPIAFKV	15465	15065
>RUNX1-T11 KTLPIAFKV	242	>RUNX1-T11 KNLPIAFKV	12112	11870
>RUNX1-T11 KTLPIAFKV	85	>RUNX1-T11 KNLPIAFKV	4568	4483
>RUNX1-T11 KTLPIAFK	357	>RUNX1-T11 KNLPIAFK	4736	4379
>RUNX1-T11 KTLPIAFK	151	>RUNX1-T11 KNLPIAFK	219	68
>RUNX1-T11 KTLPIAFKV	199	>RUNX1-T11 KNLPIAFKV	4102	3903
>RUNX1-T11 NKTLPIAF	33	>RUNX1-T11 NKNLPIAF	16	17
>RUNX1-T11 CNKTLPIAFK	83	>RUNX1-T11 CNKNLPIAFK	85	2
>RUNX1-T11 CNKTLPIAF	168	>RUNX1-T11 CNKNLPIAF	127	41
>RUNX1-T11 RCNKTLPIAFK	282	>RUNX1-T11 RCNKNLPIAFK	293	11
>RUNX1-T11 RCNKTLPI	129	>RUNX1-T11 RCNKNLPI	229	100
>RUNX1-T11 RCNKTLPIA	146	>RUNX1-T11 RCNKNLPIA	342	196
>RUNX1-T11 RCNKTLPIAFK	9	>RUNX1-T11 RCNKNLPIAFK	11	2
>RUNX1-T11 RCNKTLPIAFK	155	>RUNX1-T11 RCNKNLPIAFK	197	42
>RUNX1-T11 RCNKTLPI	134	>RUNX1-T11 RCNKNLPI	246	112
>RUNX1-T11 RCNKTLPIAF	134	>RUNX1-T11 RCNKNLPIAF	134	0
>RUNX1-T11 RCNKTLPIAF	42	>RUNX1-T11 RCNKNLPIAF	57	15
>RUNX1-T11 WRCNKTLPI	433	>RUNX1-T11 WRCNKNLPI	470	37
>RUNX1-T11 WRCNKTLPIA	34	>RUNX1-T11 WRCNKNLPIA	36	2
>RUNX1-T11 WRCNKTLPIA	176	>RUNX1-T11 WRCNKNLPIA	224	48
>RUNX1-T11 WRCNKTLPI	400	>RUNX1-T11 WRCNKNLPI	554	154
>RUNX1-T11 WRCNKTLPIA	221	>RUNX1-T11 WRCNKNLPIA	289	68
>RUNX1-T11 WRCNKTLPI	288	>RUNX1-T11 WRCNKNLPI	602	314
>RUNX1-T11 WRCNKTLPIA	245	>RUNX1-T11 WRCNKNLPIA	294	49
>RUNX1-T11 WRCNKTLPIA	62	>RUNX1-T11 WRCNKNLPIA	86	24
>RUNX1-T11 HWRCNKTL	320	>RUNX1-T11 HWRCNKNL	264	56
>RUNX1-T11 HWRCNKTL	23	>RUNX1-T11 HWRCNKNL	16	7
>RUNX1-T11 HWRCNKTL	32	>RUNX1-T11 HWRCNKNL	24	8
>RUNX1-T11 HWRCNKTL	393	>RUNX1-T11 HWRCNKNL	716	323
>RUNX1-T11 THWRCNKTL	233	>RUNX1-T11 THWRCNKNL	602	369
>RUNX1-T11 THWRCNKTL	462	>RUNX1-T11 THWRCNKNL	621	159
>RUNX1-T11 THWRCNKTL	277	>RUNX1-T11 THWRCNKNL	979	702
>RUNX1-T11 THWRCNKTL	312	>RUNX1-T11 THWRCNKNL	2966	2654
>RUNX1-T11 LPTHWRCNK	48	>RUNX1-T11 LPTHWRCNK	97	49
>RUNX1-T11 LPTHWRCNK	184	>RUNX1-T11 LPTHWRCNK	1210	1026
>RUNX1-T11 LPTHWRCNK	85	>RUNX1-T11 LPTHWRCNK	87	2
>RUNX1-T11 LPTHWRCNK	122	>RUNX1-T11 LPTHWRCNK	268	146
>RUNX1-V13 VMAGNDENY	123	>RUNX1-V13 LMAGNDENY	91	32
>RUNX1-V13 VMAGNDENY	20	>RUNX1-V13 LMAGNDENY	8	12
>RUNX1-V13 VMAGNDENY	48	>RUNX1-V13 LMAGNDENY	31	17
>RUNX1-V13 VMAGNDENY	224	>RUNX1-V13 LMAGNDENY	129	95
>RUNX1-V13 VMAGNDENY	16	>RUNX1-V13 LMAGNDENY	18	2

>RUNX1-V13 VMAGNDEN\	35	>RUNX1-V13 LMAGNDENY	29	6
>RUNX1-V13 VMAGNDEN\	41	>RUNX1-V13 LMAGNDENY	57	16
>RUNX1-V13 VMAGNDEN\	19	>RUNX1-V13 LMAGNDENY	23	4
>RUNX1-V13 VMAGNDEN\	809	>RUNX1-V13 LMAGNDENY	470	339
>RUNX1-V13 VMAGNDEN\	8	>RUNX1-V13 LMAGNDENY	7	1
>RUNX1-V13 VMAGNDEN\	21	>RUNX1-V13 LMAGNDENY	16	5
>RUNX1-V13 VMAGNDEN\	36	>RUNX1-V13 LMAGNDENY	79	43
>RUNX1-V13 VMAGNDEN\	97	>RUNX1-V13 LMAGNDENY	56	41
>RUNX1-V13 VMAGNDEN\	64	>RUNX1-V13 LMAGNDENY	65	1
>RUNX1-V13 VMAGNDEN\	530	>RUNX1-V13 LMAGNDENY	348	182
>RUNX1-V13 VMAGNDEN\	636	>RUNX1-V13 LMAGNDENY	170	466
>RUNX1-V13 VMAGNDEN\	534	>RUNX1-V13 LMAGNDENY	420	114
>RUNX1-V13 TVMAGNDEN	6246	>RUNX1-V13 TLMAGNDEN	192	6054
>RUNX1-V13 TVMAGNDEN	367	>RUNX1-V13 TLMAGNDEN	918	551
>RUNX1-V13 TVMAGNDEN	17	>RUNX1-V13 TLMAGNDEN	505	488
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>RUNX1-V13 TVMAGNDEN	139	>RUNX1-V13 TLMAGNDEN	2516	2377
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>RUNX1-V13 TVMAGNDEN	316	>RUNX1-V13 TLMAGNDEN	139	177
>RUNX1-V13 TVMAGNDEN	99	>RUNX1-V13 TLMAGNDEN	22	77
>RUNX1-V13 GDVPDGLTV\	176	>RUNX1-V13 GDVPDGLTV\	952	776
>RUNX1-V13 VTMAGNDE	35	>RUNX1-V13 VTLMAGNDE	334	299
>RUNX1-V13 VTMAGNDE	155	>RUNX1-V13 VTLMAGNDE	233	78
>RUNX1-V13 VTMAGNDE	141	>RUNX1-V13 VTLMAGNDE	101	40
>RUNX1-V13 VTMAGNDE	192	>RUNX1-V13 VTLMAGNDE	160	32
>RUNX1-V13 VTMAGNDE	7	>RUNX1-V13 VTLMAGNDE	7	0
>RUNX1-V13 VTMAGNDE	108	>RUNX1-V13 VTLMAGNDE	81	27
>RUNX1-V13 PDGTLVTV	335	>RUNX1-V13 PDGTLVTL	2040	1705
>RUNX1-V13 VPDGTLVTV	664	>RUNX1-V13 VPDGTLVTL	180	484
>RUNX1-V13 VPDGTLVTVM	141	>RUNX1-V13 VPDGTLVTLM	193	52
>RUNX1-V13 VPDGTLVTV	687	>RUNX1-V13 VPDGTLVTL	109	578
>RUNX1-V13 VPDGTLVTVM	189	>RUNX1-V13 VPDGTLVTLM	592	403
>RUNX1-V13 VPDGTLVTV	3251	>RUNX1-V13 VPDGTLVTL	446	2805
>RUNX1-V13 VPDGTLVTV	2199	>RUNX1-V13 VPDGTLVTL	103	2096
>RUNX1-V13 VPDGTLVTV	1395	>RUNX1-V13 VPDGTLVTL	432	963
>RUNX1-V13 VPDGTLVTV	225	>RUNX1-V13 VPDGTLVTL	12464	12239
>RUNX1-V13 VPDGTLVTVM	80	>RUNX1-V13 VPDGTLVTLM	278	198
>RUNX1-V13 DVPDGLVTV\	399	>RUNX1-V13 DVPDGLVTVL	2043	1644
>RUNX1-V13 DVPDGLVTV\	58	>RUNX1-V13 DVPDGLVTVL	1306	1248
>RUNX1-V13 DVPDGLVTV\	109	>RUNX1-V13 DVPDGLVTVL	61	48
>RUNX1-V13 DVPDGLVTV\	4204	>RUNX1-V13 DVPDGLVTVL	384	3820



>RUNX1-V13 DVPDGLVTL	58	>RUNX1-V13 DVPDGLVTL	165	107
>RUNX1-V13 DVPDGLVTL	337	>RUNX1-V13 DVPDGLVTL	301	36
>RUNX1-V13 DVPDGLVTL	58	>RUNX1-V13 DVPDGLVTL	275	217
>RUNX1-V13 DVPDGLVTL	77	>RUNX1-V13 DVPDGLVTL	1003	926
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>RUNX1-W1(WRCNKTLP	34	>RUNX1-W1(CRCNKTLP	70	36
>RUNX1-W1(WRCNKTLP	176	>RUNX1-W1(CRCNKTLP	705	529
>RUNX1-W1(WRCNKTLP	400	>RUNX1-W1(CRCNKTLP	5243	4843
>RUNX1-W1(WRCNKTLP	221	>RUNX1-W1(CRCNKTLP	3358	3137
>RUNX1-W1(WRCNKTLP	288	>RUNX1-W1(CRCNKTLP	1055	767
>RUNX1-W1(WRCNKTLP	245	>RUNX1-W1(CRCNKTLP	857	612
>RUNX1-W1(WRCNKTLP	62	>RUNX1-W1(CRCNKTLP	171	109
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>RUNX1-W1(HWRCNKTL	23	>RUNX1-W1(HCRCNKTL	21	2
>RUNX1-W1(HWRCNKTL	32	>RUNX1-W1(HCRCNKTL	29	3
>RUNX1-W1(HWRCNKTL	393	>RUNX1-W1(HCRCNKTL	37031	36638
>RUNX1-W1(NFLCSVLPTH	321	>RUNX1-W1(NFLCSVLPTH	17394	17073
>RUNX1-W1(THWRCNKTL	233	>RUNX1-W1(THCRCNKTL	1081	848
>RUNX1-W1(THWRCNKTL	462	>RUNX1-W1(THCRCNKTL	2511	2049
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>RUNX1-W1(THWRCNKTL	312	>RUNX1-W1(THCRCNKTL	181	131
>RUNX1-W1(PTHWRCNK	71	>RUNX1-W1(PTHCRCNK	39	32
>RUNX1-W1(LPTHWRCNK	3194	>RUNX1-W1(LPTHCRCNK	313	2881
>RUNX1-W1(LPTHWRCNK	48	>RUNX1-W1(LPTHCRCNK	28	20
>RUNX1-W1(LPTHWRCNK	184	>RUNX1-W1(LPTHCRCNK	168	16
>RUNX1-W1(LPTHWRCNK	85	>RUNX1-W1(LPTHCRCNK	81	4
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>RUNX1-W1(LPTHWRCNK	122	>RUNX1-W1(LPTHCRCNK	203	81
>RUNX1-W1(VLPTHWRC	97	>RUNX1-W1(VLPTHCRC	534	437
>RUNX1-W1(VLPTHWRC	58	>RUNX1-W1(VLPTHCRC	88	30
>RUNX1-W1(VLPTHWRCN	242	>RUNX1-W1(VLPTHCRCNK	128	114
>RUNX1-W1(VLPTHWRCN	548	>RUNX1-W1(VLPTHCRCNK	397	151
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>RUNX1-W1(SVLPTHWRCI	178	>RUNX1-W1(SVLPTHCRCN	173	5
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>RUNX1-W1(SVLPTHWRCI	10	>RUNX1-W1(SVLPTHCRCN	14	4
>RUNX1-W1(SVLPTHWRCI	9	>RUNX1-W1(SVLPTHCRCN	8	1
>RUNX1-W1(SVLPTHWR	15	>RUNX1-W1(SVLPTHCR	21	6
>RUNX1-W1(SVLPTHWRCI	70	>RUNX1-W1(SVLPTHCRCN	107	37
>RUNX1-W1(SVLPTHWR	349	>RUNX1-W1(SVLPTHCR	422	73
>RUNX1-W1(SVLPTHWR	39	>RUNX1-W1(SVLPTHCR	47	8

>RUNX1-W1(SVLPTHWRCI	233	>RUNX1-W1(SVLPTHCRCN	273	40
>RUNX1-W1(SVLPTHWR	114	>RUNX1-W1(SVLPTHCR	285	171
>RUNX1-W1(SVLPTHWRCI	234	>RUNX1-W1(SVLPTHCRCN	367	133
>RUNX1-W1(SVLPTHWR	83	>RUNX1-W1(SVLPTHCR	193	110
>RUNX1-W1(CSVLPTHWR	146	>RUNX1-W1(CSVLPTHCR	263	117
>RUNX1-W1(CSVLPTHWR	41	>RUNX1-W1(CSVLPTHCR	52	11
>RUNX1-W1(CSVLPTHW	7	>RUNX1-W1(CSVLPTHCR	16225	16218
>RUNX1-W1(CSVLPTHW	69	>RUNX1-W1(CSVLPTHCR	21932	21863
>RUNX1-W1(CSVLPTHW	11	>RUNX1-W1(CSVLPTHCR	12028	12017
>RUNX1-W1(CSVLPTHWR	113	>RUNX1-W1(CSVLPTHCR	443	330
>RUNX1-W1(LCSVLPTHWF	244	>RUNX1-W1(LCSVLPTHCR	569	325
>RUNX1-W1(LCSVLPTHW	86	>RUNX1-W1(LCSVLPTHCR	19853	19767
>RUNX1-W1(LCSVLPTHWF	297	>RUNX1-W1(LCSVLPTHCR	845	548
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>RUNX1-W1(FLCSVLPTHW	413	>RUNX1-W1(FLCSVLPTHCR	967	554
>RUNX1-W1(FLCSVLPTHW	5445	>RUNX1-W1(FLCSVLPTHCR	474	4971
>RUNX1-W1(FLCSVLPTHW	1303	>RUNX1-W1(FLCSVLPTHCR	16	1287
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>RUNX1-W1(FLCSVLPTHW	3552	>RUNX1-W1(FLCSVLPTHCR	18	3534
>RUNX1-W1(FLCSVLPTHW	202	>RUNX1-W1(FLCSVLPTHCR	1198	996
>RUNX1-W1(FLCSVLPTHW	171	>RUNX1-W1(FLCSVLPTHCR	201	30
>RUNX1-W1(FLCSVLPTHW	87	>RUNX1-W1(FLCSVLPTHCR	91	4
>RUNX1-W1(FLCSVLPTHW	23	>RUNX1-W1(FLCSVLPTHCR	31	8
>RUNX1-W1(FLCSVLPTHW	433	>RUNX1-W1(FLCSVLPTHCR	28760	28327
>RUNX1-W1(FLCSVLPTHW	111	>RUNX1-W1(FLCSVLPTHCR	21105	20994
>RUNX1-W1(FLCSVLPTHW	360	>RUNX1-W1(FLCSVLPTHCR	792	432
>RUNX1-W1(WRCNKTLPI	433	>RUNX1-W1(WRCNKTLPI	519	86
>RUNX1-W1(WRCNKTLPIA	34	>RUNX1-W1(WRCNKTLPIA	30	4
>RUNX1-W1(WRCNKTLPIA	176	>RUNX1-W1(WRCNKTLPIA	1151	975
>RUNX1-W1(WRCNKTLPI	400	>RUNX1-W1(WRCNKTLPI	4135	3735
>RUNX1-W1(WRCNKTLPIA	221	>RUNX1-W1(WRCNKTLPIA	2949	2728
>RUNX1-W1(WRCNKTLPI	288	>RUNX1-W1(WRCNKTLPI	1169	881
>RUNX1-W1(WRCNKTLPIA	245	>RUNX1-W1(WRCNKTLPIA	1218	973
>RUNX1-W1(WRCNKTLPIA	62	>RUNX1-W1(WRCNKTLPIA	195	133
>RUNX1-W1(HWRCNKTLPI	21150	>RUNX1-W1(HWRCNKTLPI	284	20866
>RUNX1-W1(HWRCNKTLPI	19484	>RUNX1-W1(HWRCNKTLPI/	364	19120
>RUNX1-W1(HWRCNKTL	23712	>RUNX1-W1(HWRCNKTL	289	23423
>RUNX1-W1(HWRCNKTLPI	21350	>RUNX1-W1(HWRCNKTLPI	130	21220
>RUNX1-W1(HWRCNKTL	33422	>RUNX1-W1(HWRCNKTL	162	33260
>RUNX1-W1(HWRCNKTLPI	34053	>RUNX1-W1(HWRCNKTLPI/	455	33598
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>RUNX1-W1(HWRCNKTLPI	23	>RUNX1-W1(HWRCNKTLPI	14	9
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>RUNX1-W1(HWRCNKTL	4546	>RUNX1-W1(HLRCNKTL	123	4423
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>RUNX1-W1(HWRCNKTLPI	6058	>RUNX1-W1(HLRCNKTLPI	494	5564
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>RUNX1-W1(NFLCSVLPTH'	23020	>RUNX1-W1(NFLCSVLPTH	282	22738
>RUNX1-W1(NFLCSVLPTH'	321	>RUNX1-W1(NFLCSVLPTH	476	155
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>RUNX1-W1(THWRCNKTL	974	>RUNX1-W1(THLRCNKTLPI	323	651
>RUNX1-W1(PTHWRCNK	71	>RUNX1-W1(PTHLRCNK	45	26
>RUNX1-W1(LPTHWRCNK'	48	>RUNX1-W1(LPTHLRCNK	48	0
>RUNX1-W1(LPTHWRCNK'	184	>RUNX1-W1(LPTHLRCNK	250	66
>RUNX1-W1(LPTHWRCNK'	85	>RUNX1-W1(LPTHLRCNK	119	34
>RUNX1-W1(LPTHWRCNK'	122	>RUNX1-W1(LPTHLRCNK	216	94
>RUNX1-W1(VLPTHWRC	97	>RUNX1-W1(VLPTHLRC	482	385
>RUNX1-W1(VLPTHWRC	58	>RUNX1-W1(VLPTHLRC	115	57
>RUNX1-W1(VLPTHWRCN	242	>RUNX1-W1(VLPTHLRCNK	159	83
>RUNX1-W1(VLPTHWRCN	544	>RUNX1-W1(VLPTHLRCNK	340	204
>RUNX1-W1(SVLPTHWRC	93	>RUNX1-W1(SVLPTHLRC	1575	1482
>RUNX1-W1(SVLPTHWRC	147	>RUNX1-W1(SVLPTHLRC	2453	2306
>RUNX1-W1(SVLPTHWRCI	178	>RUNX1-W1(SVLPTHLRCN	132	46
>RUNX1-W1(SVLPTHWR	35	>RUNX1-W1(SVLPTHLR	19	16
>RUNX1-W1(SVLPTHWRCI	10	>RUNX1-W1(SVLPTHLRCN	11	1
>RUNX1-W1(SVLPTHWRCI	9	>RUNX1-W1(SVLPTHLRCN	7	2
>RUNX1-W1(SVLPTHWR	15	>RUNX1-W1(SVLPTHLR	14	1
>RUNX1-W1(SVLPTHWRCI	70	>RUNX1-W1(SVLPTHLRCN	159	89
>RUNX1-W1(SVLPTHWR	349	>RUNX1-W1(SVLPTHLR	366	17
>RUNX1-W1(SVLPTHWR	39	>RUNX1-W1(SVLPTHLR	39	0
>RUNX1-W1(SVLPTHWRCI	233	>RUNX1-W1(SVLPTHLRCN	351	118
>RUNX1-W1(SVLPTHWR	114	>RUNX1-W1(SVLPTHLR	195	81
>RUNX1-W1(SVLPTHWRCI	234	>RUNX1-W1(SVLPTHLRCN	300	66
>RUNX1-W1(SVLPTHWR	83	>RUNX1-W1(SVLPTHLR	83	0
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>RUNX1-W1(CSVLPTHWR	146	>RUNX1-W1(CSVLPTHLR	101	45
>RUNX1-W1(CSVLPTHWR	41	>RUNX1-W1(CSVLPTHLR	40	1
>RUNX1-W1(CSVLPTHW	7	>RUNX1-W1(CSVLPTH	168	161
>RUNX1-W1(CSVLPTHW	69	>RUNX1-W1(CSVLPTH	14157	14088
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>RUNX1-W1(CSVLPTHWR	113	>RUNX1-W1(CSVLPTHLR	146	33
>RUNX1-W1(CSVLPTHW	25843	>RUNX1-W1(CSVLPTH	295	25548
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>RUNX1-W1(LCSVLPTHWF	297	>RUNX1-W1(LCSVLPTHLR	296	1
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>RUNX1-W1(FLCSVLPTHW	2431	>RUNX1-W1(FLCSVLPTHL	10	2421
>RUNX1-W1(FLCSVLPTHW	413	>RUNX1-W1(FLCSVLPTHLF	396	17
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>RUNX1-W1(FLCSVLPTHW	1303	>RUNX1-W1(FLCSVLPTHL	4	1299
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>RUNX1-W1(FLCSVLPTHW	6358	>RUNX1-W1(FLCSVLPTHL	11	6347
>RUNX1-W1(FLCSVLPTHW	19853	>RUNX1-W1(FLCSVLPTHL	76	19777
>RUNX1-W1(FLCSVLPTHW	3552	>RUNX1-W1(FLCSVLPTHL	3	3549
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>RUNX1-W1(FLCSVLPTHW	171	>RUNX1-W1(FLCSVLPTHLF	137	34
>RUNX1-W1(FLCSVLPTHW	87	>RUNX1-W1(FLCSVLPTHLF	80	7
>RUNX1-W1(FLCSVLPTHW	23	>RUNX1-W1(FLCSVLPTHLF	21	2
>RUNX1-W1(FLCSVLPTHW	433	>RUNX1-W1(FLCSVLPTHL	14680	14247
>RUNX1-W1(FLCSVLPTHW	111	>RUNX1-W1(FLCSVLPTHL	16001	15890
>RUNX1-W1(FLCSVLPTHW	360	>RUNX1-W1(FLCSVLPTHLF	336	24
>RUNX1T1-A AERKAHDM	108	>RUNX1T1-A VERKAHDM	99	9
>RUNX1T1-A AERKAHDMI	164	>RUNX1T1-A VERKAHDMI	77	87
>RUNX1T1-A AERKAHDM	3693	>RUNX1T1-A VERKAHDM	481	3212
>RUNX1T1-A AERKAHDMI	196	>RUNX1T1-A VERKAHDMI	795	599
>RUNX1T1-A AERKAHDM	177	>RUNX1T1-A VERKAHDM	856	679
>RUNX1T1-A AERKAHDMI	54	>RUNX1T1-A VERKAHDMI	240	186
>RUNX1T1-A AERKAHDMI	115	>RUNX1T1-A VERKAHDMI	544	429
>RUNX1T1-A AERKAHDMI	110	>RUNX1T1-A VERKAHDMI	4705	4595
>RUNX1T1-A AERKAHDMI	181	>RUNX1T1-A VERKAHDMI	2749	2568
>RUNX1T1-A AERKAHDMI	31	>RUNX1T1-A VERKAHDMI	1285	1254
>RUNX1T1-A AERKAHDM	103	>RUNX1T1-A VERKAHDM	611	508
>RUNX1T1-A AERKAHDMI	11	>RUNX1T1-A VERKAHDMI	25	14
>RUNX1T1-A AERKAHDMI	184	>RUNX1T1-A VERKAHDMI	790	606
>RUNX1T1-A MTELQKAVSI	18855	>RUNX1T1-A MTELQKAVSI	434	18421
>RUNX1T1-A MTELQKAVSI	620	>RUNX1T1-A MTELQKAVSI	63	557
>RUNX1T1-A MTELQKAVSI	2861	>RUNX1T1-A MTELQKAVSI	428	2433
>RUNX1T1-A SEAERKAHDM	31	>RUNX1T1-A SEVERKAHDM	91	60
>RUNX1T1-A SEAERKAHDM	7	>RUNX1T1-A SEVERKAHDM	10	3
>RUNX1T1-A SEAERKAHDM	358	>RUNX1T1-A SEVERKAHDM	183	175
>RUNX1T1-A SEAERKAHDM	451	>RUNX1T1-A SEVERKAHDM	421	30
>RUNX1T1-A SEAERKAHDM	32	>RUNX1T1-A SEVERKAHDM	25	7
>RUNX1T1-A VSEAERKAHC	303	>RUNX1T1-A VSEVERKAHC	356	53
>RUNX1T1-A AVSEAERK	67	>RUNX1T1-A AVSEVERK	40	27
>RUNX1T1-A AVSEAERK	498	>RUNX1T1-A AVSEVERK	252	246

>RUNX1T1-A KAVSEAER	84	>RUNX1T1-A KAVSEVER	61	23
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>RUNX1T1-A KAVSEAER	347	>RUNX1T1-A KAVSEVER	155	192
>RUNX1T1-A QKAVSEAER	781	>RUNX1T1-A QKAVSEVER	309	472
>RUNX1T1-A LQKAVSEA	1946	>RUNX1T1-A LQKAVSEV	226	1720
>RUNX1T1-A LQKAVSEA	103	>RUNX1T1-A LQKAVSEV	15	88
>RUNX1T1-A LQKAVSEA	325	>RUNX1T1-A LQKAVSEV	29	296
>RUNX1T1-A LQKAVSEAER	154	>RUNX1T1-A LQKAVSEVER	231	77
>RUNX1T1-A LQKAVSEAER	474	>RUNX1T1-A LQKAVSEVER	578	104
>RUNX1T1-A LQKAVSEA	114	>RUNX1T1-A LQKAVSEV	113	1
>RUNX1T1-A LQKAVSEAE	236	>RUNX1T1-A LQKAVSEVE	214	22
>RUNX1T1-A LQKAVSEA	307	>RUNX1T1-A LQKAVSEV	65	242
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>RUNX1T1-A ELQKAVSEA	3016	>RUNX1T1-A ELQKAVSEV	252	2764
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>RUNX1T1-A ELQKAVSEA	1633	>RUNX1T1-A ELQKAVSEV	20	1613
>RUNX1T1-A ELQKAVSEA	4132	>RUNX1T1-A ELQKAVSEV	60	4072
>RUNX1T1-A ELQKAVSEA	1965	>RUNX1T1-A ELQKAVSEV	39	1926
>RUNX1T1-A ELQKAVSEA	1840	>RUNX1T1-A ELQKAVSEV	10	1830
>RUNX1T1-A ELQKAVSEA	164	>RUNX1T1-A ELQKAVSEV	4	160
>RUNX1T1-A ELQKAVSEAE	228	>RUNX1T1-A ELQKAVSEVE	338	110
>RUNX1T1-A ELQKAVSEAE	30	>RUNX1T1-A ELQKAVSEVE	30	0
>RUNX1T1-A ELQKAVSEA	2666	>RUNX1T1-A ELQKAVSEV	317	2349
>RUNX1T1-A ELQKAVSEA	3570	>RUNX1T1-A ELQKAVSEV	172	3398
>RUNX1T1-A TELQKAVSEA	698	>RUNX1T1-A TELQKAVSEV	14	684
>RUNX1T1-A TELQKAVSEA	1007	>RUNX1T1-A TELQKAVSEV	393	614
>RUNX1T1-A TELQKAVSEA	1972	>RUNX1T1-A TELQKAVSEV	68	1904
>RUNX1T1-R REELNYWI	47	>RUNX1T1-R WEELNYWI	10	37
>RUNX1T1-R REELNYWI	7163	>RUNX1T1-R WEELNYWI	274	6889
>RUNX1T1-R REELNYWIR	3828	>RUNX1T1-R WEELNYWIR	69	3759
>RUNX1T1-R REELNYWIRR	555	>RUNX1T1-R WEELNYWIRI	30	525
>RUNX1T1-R REELNYWI	19	>RUNX1T1-R WEELNYWI	26	7
>RUNX1T1-R REELNYWI	274	>RUNX1T1-R WEELNYWI	2876	2602
>RUNX1T1-R REELNYWI	67	>RUNX1T1-R WEELNYWI	20	47
>RUNX1T1-R REELNYWIR	75	>RUNX1T1-R WEELNYWIR	226	151
>RUNX1T1-R REELNYWIRR	117	>RUNX1T1-R WEELNYWIRI	429	312
>RUNX1T1-R DREELNYWIR	1961	>RUNX1T1-R DWEELNYWI	118	1843
>RUNX1T1-R DREELNYWIR	1535	>RUNX1T1-R DWEELNYWI	27	1508
>RUNX1T1-R DREELNYWIR	2455	>RUNX1T1-R DWEELNYWI	27	2428
>RUNX1T1-R DREELNYW	37419	>RUNX1T1-R DWEELNYW	281	37138
>RUNX1T1-R DREELNYWI	37682	>RUNX1T1-R DWEELNYWI	417	37265
>RUNX1T1-R TVLRRQCQEAC	264	>RUNX1T1-R TVLRRQCQEAC	22334	22070
>RUNX1T1-R TVLRRQCQEAC	246	>RUNX1T1-R TVLRRQCQEAC	31597	31351

>RUNX1T1-R TVLRRQCQAC	115	>RUNX1T1-R TVLRRQCQAC	30751	30636
>RUNX1T1-R TVLRRQCQAC	24647	>RUNX1T1-R TVLRRQCQAC	385	24262
>RUNX1T1-R ADREELNYW	2239	>RUNX1T1-R ADWEELNYW	454	1785
>RUNX1T1-R ADREELNYW	63	>RUNX1T1-R ADWEELNYW	26	37
>RUNX1T1-R ADREELNYW	81	>RUNX1T1-R ADWEELNYW	43	38
>RUNX1T1-R EADREELNY	73	>RUNX1T1-R EADWEELNY	105	32
>RUNX1T1-R EADREELNY	474	>RUNX1T1-R EADWEELNY'	84	390
>RUNX1T1-R EADREELNY	409	>RUNX1T1-R EADWEELNY	63	346
>RUNX1T1-R EADREELNY	682	>RUNX1T1-R EADWEELNY	187	495
>RUNX1T1-R EADREELNY	170	>RUNX1T1-R EADWEELNY'	186	16
>RUNX1T1-R EADREELNY	834	>RUNX1T1-R EADWEELNY	131	703
>RUNX1T1-R QEADREELNY	395	>RUNX1T1-R QEADWEELN	518	123
>RUNX1T1-R QEADREEL	105	>RUNX1T1-R QEADWEEL	55	50
>RUNX1T1-R QEADREELNY	216	>RUNX1T1-R QEADWEELN	215	1
>RUNX1T1-R QEADREELNY	332	>RUNX1T1-R QEADWEELN	187	145
>RUNX1T1-R QEADREELNY	103	>RUNX1T1-R QEADWEELN	94	9
>RUNX1T1-R QEADREELNY	911	>RUNX1T1-R QEADWEELN	291	620
>RUNX1T1-R CQEADREEL	6720	>RUNX1T1-R CQEADWEEL	407	6313
>RUNX1T1-R CQEADREELN	254	>RUNX1T1-R CQEADWEEL	135	119
>RUNX1T1-R RRCQEADR	87	>RUNX1T1-R RRCQEADW	157	70
>RUNX1T1-R RRCQEADREI	278	>RUNX1T1-R RRCQEADWE	348	70
>RUNX1T1-R RRCQEADREI	83	>RUNX1T1-R RRCQEADWE	71	12
>RUNX1T1-R RRCQEADR	1608	>RUNX1T1-R RRCQEADW	274	1334
>RUNX1T1-R RRCQEADREI	45	>RUNX1T1-R RRCQEADWE	52	7
>RUNX1T1-R RRCQEADR	24643	>RUNX1T1-R RRCQEADW	28	24615
>RUNX1T1-R RRCQEADR	259	>RUNX1T1-R RRCQEADW	33957	33698
>RUNX1T1-R LRRCQEADR	19513	>RUNX1T1-R LRRCQEADW	23	19490
>RUNX1T1-R VLRRQCQADF	325	>RUNX1T1-R VLRRQCQAD\	31177	30852
>RUNX1T1-R VLRRQCQADF	24640	>RUNX1T1-R VLRRQCQAD\	312	24328
>RUNX1T1-R RYSDAEDL	15	>RUNX1T1-R WYSDAEDL	19	4
>RUNX1T1-R RYSDAEDLK	224	>RUNX1T1-R WYSDAEDLK	13721	13497
>RUNX1T1-R RYSDAEDLKK	107	>RUNX1T1-R WYSDAEDLKI	12102	11995
>RUNX1T1-R RYSDAEDLKK	142	>RUNX1T1-R WYSDAEDLKI	611	469
>RUNX1T1-R RRYSDAEDL	19974	>RUNX1T1-R RWYSDAEDL	61	19913
>RUNX1T1-R RRYSDAEDL	54	>RUNX1T1-R RWYSDAEDL	1709	1655
>RUNX1T1-R RRYSDAEDL	49	>RUNX1T1-R RWYSDAEDL	12167	12118
>RUNX1T1-R RRYSDAEDLK	33	>RUNX1T1-R RWYSDAEDLI	2888	2855
>RUNX1T1-R RRYSDAEDLK	25	>RUNX1T1-R RWYSDAEDLI	3646	3621
>RUNX1T1-R RRYSDAED	169	>RUNX1T1-R RWYSDAED	10844	10675
>RUNX1T1-R RRYSDAEDL	27	>RUNX1T1-R RWYSDAEDL	1704	1677
>RUNX1T1-R RRYSDAEDLK	180	>RUNX1T1-R RWYSDAEDLI	6941	6761
>RUNX1T1-R RRYSDAEDLK	179	>RUNX1T1-R RWYSDAEDLI	12572	12393
>RUNX1T1-R RRYSDAEDL	79	>RUNX1T1-R RWYSDAEDL	10451	10372

>RUNX1T1-R RRYSDAEDLK	231	>RUNX1T1-R RWYSDAEDLI	10034	9803
>RUNX1T1-R RRYSDAEDLK	255	>RUNX1T1-R RWYSDAEDLI	16920	16665
>RUNX1T1-R RRYSDAEDLK	6661	>RUNX1T1-R RWYSDAEDLI	52	6609
>RUNX1T1-R RRYSDAEDLK	1730	>RUNX1T1-R RWYSDAEDLI	28	1702
>RUNX1T1-R RRYSDAEDL	30163	>RUNX1T1-R RWYSDAEDL	182	29981
>RUNX1T1-R IRRYSDAEDL	101	>RUNX1T1-R IRWYSDAEDL	87	14
>RUNX1T1-R IRRYSDAEDL	268	>RUNX1T1-R IRWYSDAEDL	89	179
>RUNX1T1-R IRRYSDAEDLI	3449	>RUNX1T1-R IRWYSDAEDL	165	3284
>RUNX1T1-R IRRYSDAE	3714	>RUNX1T1-R IRWYSDAE	296	3418
>RUNX1T1-R IRRYSDAED	1844	>RUNX1T1-R IRWYSDAED	190	1654
>RUNX1T1-R IRRYSDAEDL	347	>RUNX1T1-R IRWYSDAEDL	278	69
>RUNX1T1-R IRRYSDAEDL	292	>RUNX1T1-R IRWYSDAEDL	287	5
>RUNX1T1-R WIRRYSDA	1012	>RUNX1T1-R WIRWYSDA	379	633
>RUNX1T1-R WIRRYSDAEC	1188	>RUNX1T1-R WIRWYSDAE	380	808
>RUNX1T1-R YWIRRYSD	741	>RUNX1T1-R YWIRWYSD	259	482
>RUNX1T1-R YWIRRYSDA	432	>RUNX1T1-R YWIRWYSDA	101	331
>RUNX1T1-R NYWIRRY	1940	>RUNX1T1-R NYWIRWYS	265	1675
>RUNX1T1-R LNYWIRRY	206	>RUNX1T1-R LNYWIRWY	347	141
>RUNX1T1-R LNYWIRRY	306	>RUNX1T1-R LNYWIRWY	278	28
>RUNX1T1-R LNYWIRRY	376	>RUNX1T1-R LNYWIRWY	1666	1290
>RUNX1T1-R ELNYWIRRY	33	>RUNX1T1-R ELNYWIRWY	32	1
>RUNX1T1-R ELNYWIRRY	53	>RUNX1T1-R ELNYWIRWY	24	29
>RUNX1T1-R ELNYWIRRY	387	>RUNX1T1-R ELNYWIRWY	1411	1024
>RUNX1T1-R ELNYWIRRY	126	>RUNX1T1-R ELNYWIRWY	204	78
>RUNX1T1-R ELNYWIRR	164	>RUNX1T1-R ELNYWIRW	19037	18873
>RUNX1T1-R ELNYWIRR	28	>RUNX1T1-R ELNYWIRW	15362	15334
>RUNX1T1-R ELNYWIRR	28	>RUNX1T1-R ELNYWIRW	19201	19173
>RUNX1T1-R ELNYWIRRY	486	>RUNX1T1-R ELNYWIRWY	1472	986
>RUNX1T1-R ELNYWIRR	370	>RUNX1T1-R ELNYWIRW	30522	30152
>RUNX1T1-R EELNYWIRRY	1834	>RUNX1T1-R EELNYWIRW'	420	1414
>RUNX1T1-R EELNYWIRRY	1399	>RUNX1T1-R EELNYWIRW'	492	907
>RUNX1T1-R EELNYWIRRY	1003	>RUNX1T1-R EELNYWIRW'	480	523
>RUNX1T1-R EELNYWIRR	7815	>RUNX1T1-R EELNYWIRW	106	7709
>RUNX1T1-R EELNYWIRRY	331	>RUNX1T1-R EELNYWIRW'	159	172
>RUNX1T1-R EELNYWIRR	263	>RUNX1T1-R EELNYWIRW	6	257
>RUNX1T1-R EELNYWIRRY	377	>RUNX1T1-R EELNYWIRW'	115	262
>RUNX1T1-R EELNYWIRRY	414	>RUNX1T1-R EELNYWIRW'	187	227
>RUNX1T1-R EELNYWIRR	243	>RUNX1T1-R EELNYWIRW	244	1
>RUNX1T1-R EELNYWIRRY	85	>RUNX1T1-R EELNYWIRW'	31	54
>RUNX1T1-R EELNYWIRR	3840	>RUNX1T1-R EELNYWIRW	281	3559
>RUNX1T1-R EELNYWIRR	32704	>RUNX1T1-R EELNYWIRW	230	32474
>RUNX1T1-R EELNYWIRR	256	>RUNX1T1-R EELNYWIRW	29318	29062
>RUNX1T1-R REELNYWIRR	555	>RUNX1T1-R REELNYWIRV	289	266

>RUNX1T1-R REELNYWIRR	3623	>RUNX1T1-R REELNYWIRV	11	3612
>RUNX1T1-R REELNYWIRR	10072	>RUNX1T1-R REELNYWIRV	52	10020
>RUNX1T1-R REELNYWIRR	706	>RUNX1T1-R REELNYWIRV	353	353
>RUNX1T1-R REELNYWIRR	16746	>RUNX1T1-R REELNYWIRV	349	16397
>RUNX1T1-R REELNYWIRR	117	>RUNX1T1-R REELNYWIRV	29114	28997
>RUNX1T1-S:SKLKRFLTTL	23	>RUNX1T1-S:GKLRFLTTL	52	29
>RUNX1T1-S:LSKLRFL	217	>RUNX1T1-S:LGKLRFL	3464	3247
>RUNX1T1-S:LSKLRFLTTL	173	>RUNX1T1-S:LGKLRFLTTL	175	2
>RUNX1T1-S:LSKLRFL	222	>RUNX1T1-S:LGKLRFL	17527	17305
>RUNX1T1-S:LSKLRFLTTL	31	>RUNX1T1-S:LGKLRFLTTL	8009	7978
>RUNX1T1-S:LSKLRFLTTL	173	>RUNX1T1-S:LGKLRFLTTL	2032	1859
>RUNX1T1-S:LPPACGARQI	166	>RUNX1T1-S:LPPACGARQI	245	79
>RUNX1T1-S:QLSKLRFL	147	>RUNX1T1-S:QLGKLRFL	1415	1268
>RUNX1T1-S:RQLSKLRFL	389	>RUNX1T1-S:RQLGKLRFL	282	107
>RUNX1T1-S:RQLSKLKR	13	>RUNX1T1-S:RQLGKLR	25	12
>RUNX1T1-S:RQLSKLKR	950	>RUNX1T1-S:RQLGKLR	261	689
>RUNX1T1-S:RQLSKLKR	227	>RUNX1T1-S:RQLGKLR	355	128
>RUNX1T1-S:RQLSKLKR	360	>RUNX1T1-S:RQLGKLR	2855	2495
>RUNX1T1-S:RQLSKLKR	4	>RUNX1T1-S:RQLGKLR	26	22
>RUNX1T1-S:RQLSKLKRFL	74	>RUNX1T1-S:RQLGKLRFL	511	437
>RUNX1T1-S:RQLSKLKR	185	>RUNX1T1-S:RQLGKLR	135	50
>RUNX1T1-S:RQLSKLKR	179	>RUNX1T1-S:RQLGKLR	101	78
>RUNX1T1-S:RQLSKLKR	501	>RUNX1T1-S:RQLGKLR	290	211
>RUNX1T1-S:RQLSKLKRFL	246	>RUNX1T1-S:RQLGKLRFL	232	14
>RUNX1T1-S:RQLSKLKRFL	480	>RUNX1T1-S:RQLGKLRFL	313	167
>RUNX1T1-S:RQLSKLKRFL	244	>RUNX1T1-S:RQLGKLRFL	316	72
>RUNX1T1-S:RQLSKLKRFL	233	>RUNX1T1-S:RQLGKLRFL	238	5
>RUNX1T1-S:RQLSKLKR	57	>RUNX1T1-S:RQLGKLR	52	5
>RUNX1T1-S:ARQLSKLKR	305	>RUNX1T1-S:ARQLGKLR	957	652
>RUNX1T1-S:ARQLSKLKR	133	>RUNX1T1-S:ARQLGKLR	125	8
>RUNX1T1-S:ARQLSKLKR	188	>RUNX1T1-S:ARQLGKLR	177	11
>RUNX1T1-S:ARQLSKLKR	175	>RUNX1T1-S:ARQLGKLR	205	30
>RUNX1T1-S:ARQLSKLKR	181	>RUNX1T1-S:ARQLGKLR	175	6
>RUNX1T1-S:ARQLSKLKR	63	>RUNX1T1-S:ARQLGKLR	49	14
>RUNX1T1-S:ARQLSKLKR	471	>RUNX1T1-S:ARQLGKLR	228	243
>RUNX1T1-S:ARQLSKLKR	7	>RUNX1T1-S:ARQLGKLR	6	1
>RUNX1T1-S:GARQLSKLKR	17	>RUNX1T1-S:GARQLGKLR	64	47
>RUNX1T1-S:GARQLSKLKR	336	>RUNX1T1-S:GARQLGKLR	795	459
>RUNX1T1-S:GARQLSKL	58	>RUNX1T1-S:GARQLGKL	227	169
>RUNX1T1-S:GARQLSKLKR	10	>RUNX1T1-S:GARQLGKLR	12	2
>RUNX1T1-S:GARQLSKLKR	53	>RUNX1T1-S:GARQLGKLR	63	10
>SBDS-H171I HMRLRFILPV	179	>SBDS-H171I LMRLRFILPV	105	74
>SBDS-H171I HMRLRFILPV	157	>SBDS-H171I LMRLRFILPV	84	73



>SBDS-H171IHMRLRFILPV	55	>SBDS-H171ILMRLRFILPV	29	26
>SBDS-H171IHMRLRFILPV	308	>SBDS-H171ILMRLRFILPV	127	181
>SBDS-H171IHMRLRFILPV	59	>SBDS-H171ILMRLRFILPV	17	42
>SBDS-H171IHMRLRFILPV	67	>SBDS-H171ILMRLRFILPV	55	12
>SBDS-H171IHMRLRFILPV	204	>SBDS-H171ILMRLRFILPV	89	115
>SBDS-H171IHMRLRFIL	171	>SBDS-H171ILMRLRFIL	33	138
>SBDS-H171IHMRLRFILPV	8	>SBDS-H171ILMRLRFILPV	4	4
>SBDS-H171IHMRLRFIL	21	>SBDS-H171ILMRLRFIL	196	175
>SBDS-H171IHMRLRFILP	60	>SBDS-H171ILMRLRFILP	738	678
>SBDS-H171IHMRLRFILPV	6	>SBDS-H171ILMRLRFILPV	18	12
>SBDS-H171IHMRLRFILPV	177	>SBDS-H171ILMRLRFILPV	1664	1487
>SBDS-H171IHMRLRFIL	51	>SBDS-H171ILMRLRFIL	39	12
>SBDS-H171IHMRLRFILPV	438	>SBDS-H171ILMRLRFILPV	178	260
>SBDS-H171IHMRLRFIL	265	>SBDS-H171ILMRLRFIL	137	128
>SBDS-H171IHMRLRFILPV	142	>SBDS-H171ILMRLRFILPV	72	70
>SBDS-H171IAHMRLRFI	21049	>SBDS-H171IALMRLRFI	40	21009
>SBDS-H171IAHMRLRFIL	21355	>SBDS-H171IALMRLRFIL	38	21317
>SBDS-H171IAHMRLRFILP	9130	>SBDS-H171IALMRLRFILP	10	9120
>SBDS-H171IAHMRLRFI	8833	>SBDS-H171IALMRLRFI	17	8816
>SBDS-H171IAHMRLRFIL	9464	>SBDS-H171IALMRLRFIL	14	9450
>SBDS-H171IAHMRLRFILP	2722	>SBDS-H171IALMRLRFILP	7	2715
>SBDS-H171IAHMRLRFI	14492	>SBDS-H171IALMRLRFI	20	14472
>SBDS-H171IAHMRLRFIL	21367	>SBDS-H171IALMRLRFIL	231	21136
>SBDS-H171IAHMRLRFILP	6650	>SBDS-H171IALMRLRFILP	6	6644
>SBDS-H171IAHMRLRFI	11371	>SBDS-H171IALMRLRFI	105	11266
>SBDS-H171IAHMRLRFIL	16326	>SBDS-H171IALMRLRFIL	115	16211
>SBDS-H171IAHMRLRFILP	1933	>SBDS-H171IALMRLRFILP	9	1924
>SBDS-H171IAHMRLRFI	19863	>SBDS-H171IALMRLRFI	18	19845
>SBDS-H171IAHMRLRFIL	25557	>SBDS-H171IALMRLRFIL	196	25361
>SBDS-H171IAHMRLRFILP	4769	>SBDS-H171IALMRLRFILP	4	4765
>SBDS-H171IAHMRLRFI	21639	>SBDS-H171IALMRLRFI	41	21598
>SBDS-H171IAHMRLRFIL	22704	>SBDS-H171IALMRLRFIL	69	22635
>SBDS-H171IAHMRLRFILP	11898	>SBDS-H171IALMRLRFILP	6	11892
>SBDS-H171IAHMRLRFI	24020	>SBDS-H171IALMRLRFI	111	23909
>SBDS-H171IAHMRLRFIL	23817	>SBDS-H171IALMRLRFIL	106	23711
>SBDS-H171IAHMRLRFILP	10051	>SBDS-H171IALMRLRFILP	9	10042
>SBDS-H171IAHMRLRFI	20788	>SBDS-H171IALMRLRFI	120	20668
>SBDS-H171IAHMRLRFIL	20992	>SBDS-H171IALMRLRFIL	189	20803
>SBDS-H171IAHMRLRFILP	17159	>SBDS-H171IALMRLRFILP	8	17151
>SBDS-H171IAHMRLRFI	30087	>SBDS-H171IALMRLRFI	18	30069
>SBDS-H171IAHMRLRFIL	23150	>SBDS-H171IALMRLRFIL	5	23145
>SBDS-H171IAHMRLRFILP	6209	>SBDS-H171IALMRLRFILP	2	6207
>SBDS-H171IAHMRLRFILP	7225	>SBDS-H171IALMRLRFILP	472	6753

>SBDS-H171IAHMRLRFI	11170	>SBDS-H171IALMRLRFI	399	10771
>SBDS-H171IAHMRLRFIL	6729	>SBDS-H171IALMRLRFIL	139	6590
>SBDS-H171IAHMRLRFILP	9179	>SBDS-H171IALMRLRFILP\	231	8948
>SBDS-H171IAHMRLRFILP	15054	>SBDS-H171IALMRLRFILP\	235	14819
>SBDS-H171IAHMRLRFIL	7720	>SBDS-H171IALMRLRFIL	273	7447
>SBDS-H171IAHMRLRFILP	9583	>SBDS-H171IALMRLRFILP\	451	9132
>SBDS-H171IAHMRLRFILP	262	>SBDS-H171IALMRLRFILP\	395	133
>SBDS-H171IAHMRLRFIL	16	>SBDS-H171IALMRLRFIL	676	660
>SBDS-H171IAHMRLRFILP	115	>SBDS-H171IALMRLRFILP\	6184	6069
>SBDS-H171IAHMRLRFI	366	>SBDS-H171IALMRLRFI	2358	1992
>SBDS-H171IRAHMRLRFI	320	>SBDS-H171IRALMRLRFI	98	222
>SBDS-H171IRAHMRLRFI	3415	>SBDS-H171IRALMRLRFI	333	3082
>SBDS-H171IRAHMRLRF	444	>SBDS-H171IRALMRLRF	3300	2856
>SBDS-H171IRAHMRLRFI	7	>SBDS-H171IRALMRLRFI	28	21
>SBDS-H171IRAHMRLRFIL	22	>SBDS-H171IRALMRLRFIL	191	169
>SBDS-H171IRAHMRLRFIL	105	>SBDS-H171IRALMRLRFILI	1277	1172
>SBDS-H171IRAHMRLRFI	187	>SBDS-H171IRALMRLRFI	294	107
>SBDS-H171IRAHMRLRF	340	>SBDS-H171IRALMRLRF	1195	855
>SBDS-H171IRAHMRLRF	88	>SBDS-H171IRALMRLRF	76	12
>SBDS-H171IRAHMRLRF	5	>SBDS-H171IRALMRLRF	4	1
>SBDS-H171IRAHMRLRFI	114	>SBDS-H171IRALMRLRFI	66	48
>SBDS-H171IRAHMRLRFIL	78	>SBDS-H171IRALMRLRFIL	55	23
>SBDS-H171IRAHMRLRF	625	>SBDS-H171IRALMRLRF	402	223
>SBDS-H171IRAHMRLRF	360	>SBDS-H171IRALMRLRF	102	258
>SBDS-H171IRAHMRLRFI	38	>SBDS-H171IRALMRLRFI	52	14
>SBDS-H171IERAHMRLRFI	50	>SBDS-H171IERALMRLRFI	40	10
>SBDS-H171IERAHMRLR	224	>SBDS-H171IERALMRLR	281	57
>SBDS-H171IERAHMRLRF	349	>SBDS-H171IERALMRLRF	1339	990
>SBDS-H171IERAHMRLRF	685	>SBDS-H171IERALMRLRF	499	186
>SBDS-H171IERAHMRLRFI	568	>SBDS-H171IERALMRLRFI	439	129
>SBDS-H171IERAHMRLRFI	522	>SBDS-H171IERALMRLRFII	399	123
>SBDS-H171IERAHMRLRFI	112	>SBDS-H171IERALMRLRFII	136	24
>SBDS-H171IERAHMRLRF	239	>SBDS-H171IERALMRLRF	288	49
>SBDS-H171IERAHMRLRFI	101	>SBDS-H171IERALMRLRFII	121	20
>SBDS-H171IERAHMRLRF	131	>SBDS-H171IERALMRLRF	74	57
>SBDS-H171IERAHMRLRFI	91	>SBDS-H171IERALMRLRFII	59	32
>SBDS-H171IERAHMRLRF	9	>SBDS-H171IERALMRLRFI	7	2
>SBDS-H171IERAHMRLRF	493	>SBDS-H171IERALMRLRF	897	404
>SBDS-H171IERAHMRLRF	74	>SBDS-H171IERALMRLRF	187	113
>SBDS-H171IERAHMRL	227	>SBDS-H171IERALMRL	137	90
>SBDS-H171IERAHMRLRF	317	>SBDS-H171IERALMRLRFI	155	162
>SBDS-H171IERAHMRLRF	12	>SBDS-H171IERALMRLRFI	12	0
>SBDS-H171KIERAHMRL	676	>SBDS-H171KIERALMRL	346	330

>SBDS-H171I KIERAHMRL	190	>SBDS-H171I KIERALMRL	964	774
>SBDS-H171I KIERAHMR	35	>SBDS-H171I KIERALMR	180	145
>SBDS-H171I KIERAHMRLR	123	>SBDS-H171I KIERALMRLR	75	48
>SBDS-H171I KIERAHMRLR	426	>SBDS-H171I KIERALMRLR	637	211
>SBDS-H171I KIERAHMRLR	276	>SBDS-H171I KIERALMRLR	203	73
>SBDS-H171I KIERAHMR	93	>SBDS-H171I KIERALMR	107	14
>SBDS-H171I KIERAHMRLR	148	>SBDS-H171I KIERALMRLR	173	25
>SBDS-H171I MKIERAHMR	46	>SBDS-H171I MKIERALMR	195	149
>SBDS-H171I MKIERAHMR	147	>SBDS-H171I MKIERALMRI	209	62
>SBDS-H171I MKIERAHM	25	>SBDS-H171I MKIERALM	40	15
>SBDS-H171I MKIERAHMR	805	>SBDS-H171I MKIERALMR	438	367
>SBDS-H171I MKIERAHMR	47	>SBDS-H171I MKIERALMRI	52	5
>SBDS-H171I MKIERAHM	564	>SBDS-H171I MKIERALM	205	359
>SBDS-H171I MKIERAHMR	69	>SBDS-H171I MKIERALMRI	158	89
>SBDS-H171I KMKIERAHM	860	>SBDS-H171I KMKIERALMI	294	566
>SBDS-H171I KMKIERAH	22586	>SBDS-H171I KMKIERAL	443	22143
>SBDS-H171I KMKIERAHM	274	>SBDS-H171I KMKIERALMI	84	190
>SBDS-H171I KMKIERAHM	53	>SBDS-H171I KMKIERALMI	38	15
>SBDS-H171I KMKIERAH	2496	>SBDS-H171I KMKIERAL	199	2297
>SBDS-H171I KMKIERAHM	30	>SBDS-H171I KMKIERALM	31	1
>SBDS-H171I KMKIERAHM	182	>SBDS-H171I KMKIERALMI	106	76
>SBDS-H171I KMKIERAHM	21	>SBDS-H171I KMKIERALMI	34	13
>SBDS-H171I KMKIERAHM	11	>SBDS-H171I KMKIERALMI	15	4
>SBDS-H171I KMKIERAH	16090	>SBDS-H171I KMKIERAL	279	15811
>SBDS-H171I KMKIERAHM	429	>SBDS-H171I KMKIERALM	1499	1070
>SBDS-H171I KMKIERAHM	297	>SBDS-H171I KMKIERALMI	623	326
>SBDS-H171I KMKIERAHM	74	>SBDS-H171I KMKIERALM	473	399
>SBDS-H171I KMKIERAH	1499	>SBDS-H171I KMKIERAL	143	1356
>SBDS-H171I KMKIERAHM	109	>SBDS-H171I KMKIERALM	257	148
>SBDS-H171I KMKIERAHM	236	>SBDS-H171I KMKIERALMI	424	188
>SBDS-H171I KMKIERAHM	160	>SBDS-H171I KMKIERALMI	121	39
>SBDS-H171I KMKIERAHM	32	>SBDS-H171I KMKIERALMI	34	2
>SBDS-H171I EKMKIERAHM	69	>SBDS-H171I EKMKIERALM	155	86
>SBDS-H171I EKMKIERAH	1953	>SBDS-H171I EKMKIERAL	247	1706
>SBDS-H171I EKMKIERAHM	259	>SBDS-H171I EKMKIERALM	539	280
>SBDS-H171I EKMKIERAH	19327	>SBDS-H171I EKMKIERAL	277	19050
>SBDS-H171I KEKMKIERAH	3913	>SBDS-H171I KEKMKIERAL	205	3708
>SBDS-H171I KEKMKIERAH	14716	>SBDS-H171I KEKMKIERAL	58	14658
>SBDS-H171I KEKMKIERAH	97	>SBDS-H171I KEKMKIERAL	61	36
>SDHAF2-D1 DIYYWATEA	13713	>SDHAF2-D1 GIYYWATEA	248	13465
>SDHAF2-D1 DIYYWATEA	1371	>SDHAF2-D1 GIYYWATEA	28	1343
>SDHAF2-D1 DIYYWATEA	4656	>SDHAF2-D1 GIYYWATEA	363	4293
>SDHAF2-D1 DIYYWATEA	3814	>SDHAF2-D1 GIYYWATEA	154	3660

>SDHAF2-D1 DIYYWATEA	5314	>SDHAF2-D1 GIYYWATEA	211	5103
>SDHAF2-D1 DIYYWATEA	6858	>SDHAF2-D1 GIYYWATEA	202	6656
>SDHAF2-D1 DIYYWATEAK	33	>SDHAF2-D1 GIYYWATEAK	12	21
>SDHAF2-D1 DIYYWATEAK	130	>SDHAF2-D1 GIYYWATEAK	25	105
>SDHAF2-D1 DIYYWATEAK	180	>SDHAF2-D1 GIYYWATEAK	4078	3898
>SDHAF2-D1 DIYYWATEAK	17	>SDHAF2-D1 GIYYWATEAK	131	114
>SDHAF2-D1 DIYYWATEA	167	>SDHAF2-D1 GIYYWATEA	5719	5552
>SDHAF2-D1 DIYYWATEA	53	>SDHAF2-D1 GIYYWATEA	4670	4617
>SDHAF2-D1 DIYYWATEAK	488	>SDHAF2-D1 GIYYWATEAK	248	240
>SDHAF2-D1 WDIYYWAT	194	>SDHAF2-D1 WGIYYWAT	19328	19134
>SDHAF2-D1 DWDIYYWAT	129	>SDHAF2-D1 DWGIYYWAT	156	27
>SDHAF2-D1 DWDIYYWAT	344	>SDHAF2-D1 DWGIYYWAT	355	11
>SDHAF2-D1 NDWDIYYW	326	>SDHAF2-D1 NDWGIYYW	330	4
>SDHAF2-D1 SNDWDIYY	542	>SDHAF2-D1 SNDWGIYY	298	244
>SDHAF2-D1 SNDWDIYY	412	>SDHAF2-D1 SNDWGIYY	398	14
>SDHAF2-D1 SNDWDIYY	274	>SDHAF2-D1 SNDWGIYY	307	33
>SDHAF2-D1 PSNDWDIY	118	>SDHAF2-D1 PSNDWGIY	96	22
>SDHAF2-D1 PSNDWDIYY	30	>SDHAF2-D1 PSNDWGIYY	28	2
>SDHAF2-D1 PSNDWDIY	719	>SDHAF2-D1 PSNDWGIY	313	406
>SDHAF2-D1 PSNDWDIYY	27	>SDHAF2-D1 PSNDWGIYY	22	5
>SDHAF2-D1 PSNDWDIY	179	>SDHAF2-D1 PSNDWGIY	76	103
>SDHAF2-D1 PSNDWDIYY	75	>SDHAF2-D1 PSNDWGIYY	82	7
>SDHAF2-D1 PSNDWDIYY\	532	>SDHAF2-D1 PSNDWGIYY\	238	294
>SDHAF2-D1 PSNDWDIYY\	161	>SDHAF2-D1 PSNDWGIYY\	205	44
>SDHAF2-D1 PSNDWDIYY\	121	>SDHAF2-D1 PSNDWGIYY\	177	56
>SDHAF2-D1 EPSNDWDIY	9	>SDHAF2-D1 EPSNDWGIY	12	3
>SDHAF2-D1 EPSNDWDIY\	157	>SDHAF2-D1 EPSNDWGIY\	263	106
>SDHAF2-D1 EPSNDWDIY\	402	>SDHAF2-D1 EPSNDWGIY\	508	106
>SDHAF2-D1 EPSNDWDI	60	>SDHAF2-D1 EPSNDWGI	100	40
>SDHAF2-D1 EPSNDWDIY	47	>SDHAF2-D1 EPSNDWGIY	87	40
>SDHAF2-D1 EPSNDWDIY\	8	>SDHAF2-D1 EPSNDWGIY\	9	1
>SDHAF2-D1 EPSNDWDIY	106	>SDHAF2-D1 EPSNDWGIY	72	34
>SDHAF2-D1 EPSNDWDIY\	237	>SDHAF2-D1 EPSNDWGIY\	141	96
>SDHAF2-D1 EPSNDWDIY\	311	>SDHAF2-D1 EPSNDWGIY\	891	580
>SDHAF2-D1 EPSNDWDIY\	18	>SDHAF2-D1 EPSNDWGIY\	19	1
>SDHAF2-D1 EPSNDWDIY\	147	>SDHAF2-D1 EPSNDWGIY\	170	23
>SDHAF2-D1 NEPSNDWDI	346	>SDHAF2-D1 NEPSNDWGI	298	48
>SDHAF2-D1 NEPSNDWDI'	103	>SDHAF2-D1 NEPSNDWGI'	70	33
>SDHAF2-D1 NEPSNDWDI'	381	>SDHAF2-D1 NEPSNDWGI'	373	8
>SDHAF2-D1 NEPSNDWDI	495	>SDHAF2-D1 NEPSNDWGI	372	123
>SDHAF2-D1 INEPSNDWDI	482	>SDHAF2-D1 INEPSNDWGI	273	209
>SDHAF2-D1 LINEPSNDWC	1292	>SDHAF2-D1 LINEPSNDWC	222	1070
>SDHAF2-D1 LINEPSNDWC	964	>SDHAF2-D1 LINEPSNDWC	195	769

>SDHAF2-D1 LINEPSNDWC	976	>SDHAF2-D1 LINEPSNDWC	84	892
>SDHAF2-D1 LINEPSNDWC	165	>SDHAF2-D1 LINEPSNDWC	24	141
>SDHAF2-D1 LINEPSNDWC	344	>SDHAF2-D1 LINEPSNDWC	63	281
>SDHAF2-D1 LINEPSNDWC	917	>SDHAF2-D1 LINEPSNDWC	255	662
>SDHAF2-D1 LINEPSNDWC	2600	>SDHAF2-D1 LINEPSNDWC	214	2386
>SDHAF2-D1 LINEPSNDWC	153	>SDHAF2-D1 LINEPSNDWC	61	92
>SDHAF2-D1 LINEPSNDWC	2279	>SDHAF2-D1 LINEPSNDWC	318	1961
>SDHAF2-D1 LINEPSNDWC	1761	>SDHAF2-D1 LINEPSNDWC	237	1524
>SDHB-S198I SYWWNGDK'	207	>SDHB-S198I NYWWNGDK	1774	1567
>SDHB-S198I SYWWNGDK'	414	>SDHB-S198I NYWWNGDK	639	225
>SDHB-S198I SYWWNGDK'	277	>SDHB-S198I NYWWNGDK	527	250
>SDHB-S198I SYWWNGDK'	266	>SDHB-S198I NYWWNGDK	727	461
>SDHB-S198I SYWWNGDK'	11	>SDHB-S198I NYWWNGDK	19	8
>SDHB-S198I SYWWNGDK'	27	>SDHB-S198I NYWWNGDK	46	19
>SDHB-S198I SYWWNGDK'	39	>SDHB-S198I NYWWNGDK	167	128
>SDHB-S198I SYWWNGDK'	431	>SDHB-S198I NYWWNGDK	761	330
>SDHB-S198I SYWWNGDK	119	>SDHB-S198I NYWWNGDK	160	41
>SDHB-S198I SYWWNGDK	198	>SDHB-S198I NYWWNGDK	688	490
>SDHB-S198I SYWWNGDK'	217	>SDHB-S198I NYWWNGDK	747	530
>SDHB-S198I SYWWNGDK'	25	>SDHB-S198I NYWWNGDK	58	33
>SDHB-S198I SYWWNGDK'	181	>SDHB-S198I NYWWNGDK	589	408
>SDHB-S198I PSYWWNGD	76	>SDHB-S198I PNYWWNGD	430	354
>SDHB-S198I PSYWWNGD	337	>SDHB-S198I PNYWWNGD	20175	19838
>SDHB-S198I CPSYWWNGI	310	>SDHB-S198I CPNYWWNG	319	9
>SDHB-S198I CPSYWWNGI	19	>SDHB-S198I CPNYWWNG	20	1
>SDHB-S198I CPSYWWNGI	97	>SDHB-S198I CPNYWWNG	86	11
>SDHB-S198I CPSYWWNGI	983	>SDHB-S198I CPNYWWNG	374	609
>SDHB-S198I CPSYWWNGI	326	>SDHB-S198I CPNYWWNG	443	117
>SDHB-S198I TSCPSYWW	5	>SDHB-S198I TSCP NYWW	9	4
>SDHB-S198I TSCPSYWW	42	>SDHB-S198I TSCP NYWW	49	7
>SDHB-S198I TSCPSYWW	38	>SDHB-S198I TSCP NYWW	58	20
>SDHB-S198I STSCPSYWW	304	>SDHB-S198I STSCP NYWW	353	49
>SDHB-S198I STSCPSYW	8	>SDHB-S198I STSCP NYW	24	16
>SDHB-S198I STSCPSYWW	7	>SDHB-S198I STSCP NYWW	12	5
>SDHB-S198I STSCPSYW	85	>SDHB-S198I STSCP NYW	100	15
>SDHB-S198I STSCPSYWW	73	>SDHB-S198I STSCP NYWW	95	22
>SDHB-S198I STSCPSYW	27	>SDHB-S198I STSCP NYW	40	13
>SDHB-S198I STSCPSYWW	127	>SDHB-S198I STSCP NYWW	255	128
>SDHB-S198I STSCPSYWW	187	>SDHB-S198I STSCP NYWW	307	120
>SDHB-S198I STSCPSYWW	33	>SDHB-S198I STSCP NYWW	36	3
>SDHB-S198I CSTSCPSY	426	>SDHB-S198I CSTSCP NY	420	6
>SDHB-S198I CSTSCPSY	14	>SDHB-S198I CSTSCP NY	26	12
>SDHB-S198I CSTSCPSY	181	>SDHB-S198I CSTSCP NY	398	217

>SDHB-S198I CSTSCPSY	62	>SDHB-S198I CSTSCPNY	111	49
>SDHB-S198I CSTSCPSYW	27	>SDHB-S198I CSTSCPNYW	148	121
>SDHB-S198I CSTSCPSYWV	23	>SDHB-S198I CSTSCPNYWV	62	39
>SDHB-S198I CSTSCPSYW	170	>SDHB-S198I CSTSCPNYW	259	89
>SDHB-S198I CSTSCPSYW	47	>SDHB-S198I CSTSCPNYW	44	3
>SDHB-S198I CSTSCPSYWV	52	>SDHB-S198I CSTSCPNYWV	58	6
>SDHB-S198I CSTSCPSYW	10	>SDHB-S198I CSTSCPNYW	11	1
>SDHB-S198I CSTSCPSYWV	19	>SDHB-S198I CSTSCPNYWV	24	5
>SDHB-S198I CSTSCPSYWV	477	>SDHB-S198I CSTSCPNYWV	510	33
>SDHB-S198I CSTSCPSY	59	>SDHB-S198I CSTSCPNY	90	31
>SDHB-S198I CSTSCPSYW	69	>SDHB-S198I CSTSCPNYW	1115	1046
>SDHB-S198I CSTSCPSYW	74	>SDHB-S198I CSTSCPNYW	145	71
>SDHB-S198I CSTSCPSYWV	270	>SDHB-S198I CSTSCPNYWV	175	95
>SDHB-S198I CSTSCPSY	194	>SDHB-S198I CSTSCPNY	198	4
>SDHB-S198I CCSTSCPSY	85	>SDHB-S198I CCSTSCPNY	225	140
>SDHB-S198I CCSTSCPSYW	378	>SDHB-S198I CCSTSCPNYW	760	382
>SDHB-S198I ACCSTSCPSY	241	>SDHB-S198I ACCSTSCPNY	404	163
>SDHB-S198I ACCSTSCPSYV	372	>SDHB-S198I ACCSTSCPNYV	842	470
>SDHB-S198I CACCSTSCPS'	301	>SDHB-S198I CACCSTSCPNI	657	356
>SDHB-S198I CACCSTSCPS'	295	>SDHB-S198I CACCSTSCPNI	1521	1226
>SDHB-S198I CACCSTSCPS'	178	>SDHB-S198I CACCSTSCPNI	329	151
>SDHB-S198I CACCSTSCPS'	169	>SDHB-S198I CACCSTSCPNI	183	14
>SDHB-S198I CACCSTSCPS'	52	>SDHB-S198I CACCSTSCPNI	124	72
>SDHD-A126 AGLLALSALTF	233	>SDHD-A126 SGLLALSALTF	626	393
>SDHD-A126 AGLLALSALTF	25	>SDHD-A126 SGLLALSALTF	64	39
>SDHD-A126 AGLLALSALTF	375	>SDHD-A126 SGLLALSALTF	145	230
>SDHD-A126 KAGLLALSAL	2341	>SDHD-A126 KSGLLALSAL	352	1989
>SDHD-A126 KAGLLALSAL	200	>SDHD-A126 KSGLLALSAL	24	176
>SDHD-A126 AKAGLLALSA	419	>SDHD-A126 AKSGLLALSAI	910	491
>SDHD-A126 AKAGLLAL	182	>SDHD-A126 AKSGLLAL	178	4
>SDHD-A126 AKAGLLALSA	150	>SDHD-A126 AKSGLLALSAI	150	0
>SDHD-A126 AKAGLLAL	90	>SDHD-A126 AKSGLLAL	134	44
>SDHD-A126 AKAGLLALSA	107	>SDHD-A126 AKSGLLALSAI	163	56
>SDHD-A126 AAKAGLLA	33	>SDHD-A126 AAKSGLLA	59	26
>SDHD-A126 AAKAGLLAL	75	>SDHD-A126 AAKSGLLAL	152	77
>SDHD-A126 AAKAGLLALS	459	>SDHD-A126 AAKSGLLALS	801	342
>SDHD-A126 AAKAGLLALS	28	>SDHD-A126 AAKSGLLALS	45	17
>SDHD-A126 AAKAGLLAL	189	>SDHD-A126 AAKSGLLAL	278	89
>SDHD-A126 AAKAGLLAL	441	>SDHD-A126 AAKSGLLAL	688	247
>SDHD-A126 AAKAGLLAL	845	>SDHD-A126 AAKSGLLAL	417	428
>SDHD-A126 AAKAGLLAL	34	>SDHD-A126 AAKSGLLAL	70	36
>SDHD-A126 KAAKAGLLAL	518	>SDHD-A126 KAAKSGLLAL	459	59
>SDHD-A126 KAAKAGLLA	260	>SDHD-A126 KAAKSGLLA	349	89

>SDHD-A126 KAAKAGLLAL	498	>SDHD-A126 KAAKSGLLAL	180	318
>SDHD-A126 KAAKAGLL	118	>SDHD-A126 KAAKSGLL	55	63
>SDHD-A126 KAAKAGLLAL	25	>SDHD-A126 KAAKSGLLAL	12	13
>SDHD-A126 KAAKAGLL	534	>SDHD-A126 KAAKSGLL	346	188
>SDHD-A126 KAAKAGLLAL	219	>SDHD-A126 KAAKSGLLAL	171	48
>SDHD-A126 KAAKAGLL	487	>SDHD-A126 KAAKSGLL	536	49
>SDHD-A126 QKAAKAGLLA	234	>SDHD-A126 QKAAKSGLLA	154	80
>SDHD-A126 QKAAKAGLLA	130	>SDHD-A126 QKAAKSGLLA	168	38
>SDHD-A126 LQKAAKAGLL	378	>SDHD-A126 LQKAAKSGLL	528	150
>SDHD-A126 LQKAAKAG	257	>SDHD-A126 LQKAAKSG	285	28
>SDHD-A126 LQKAAKAGL	90	>SDHD-A126 LQKAAKSGL	95	5
>SDHD-A126 LQKAAKAGLL	266	>SDHD-A126 LQKAAKSGLL	151	115
>SDHD-A126 LQKAAKAGLL	197	>SDHD-A126 LQKAAKSGLL	202	5
>SDHD-A126 LQKAAKAGL	359	>SDHD-A126 LQKAAKSGL	113	246
>SDHD-A126 LQKAAKAGL	389	>SDHD-A126 LQKAAKSGL	533	144
>SDHD-A126 ALQKAAKAGI	296	>SDHD-A126 ALQKAAKSGI	173	123
>SDHD-A126 ALQKAAKA	390	>SDHD-A126 ALQKAAKS	10551	10161
>SDHD-A126 ALQKAAKAGI	506	>SDHD-A126 ALQKAAKSGI	356	150
>SDHD-A126 ALQKAAKAGI	202	>SDHD-A126 ALQKAAKSGI	321	119
>SDHD-A126 ALQKAAKAGI	119	>SDHD-A126 ALQKAAKSGI	258	139
>SDHD-A126 ALQKAAKA	36	>SDHD-A126 ALQKAAKS	5278	5242
>SDHD-A126 ALQKAAKAGI	11	>SDHD-A126 ALQKAAKSGI	11	0
>SDHD-A126 ALQKAAKAGI	50	>SDHD-A126 ALQKAAKSGI	39	11
>SDHD-A126 DALQKAAKA	207	>SDHD-A126 DALQKAAKSC	446	239
>SEPT6-K171 KKLDSKVNI	26	>SEPT6-K171 RKLDSKVNI	17	9
>SEPT6-K171 KKLDSKVNII	29	>SEPT6-K171 RKLDSKVNII	17	12
>SEPT6-K171 MKKLDSKV	330	>SEPT6-K171 MRKLDSKV	1380	1050
>SEPT6-K171 MKKLDSKVN	54	>SEPT6-K171 MRKLDSKVN	408	354
>SEPT6-K171 MKKLDSKVN	76	>SEPT6-K171 MRKLDSKVN	596	520
>SEPT6-K171 MKKLDSKVN	17147	>SEPT6-K171 MRKLDSKVN	374	16773
>SEPT6-K171 SLKSLDLVTM	176	>SEPT6-K171 SLKSLDLVTM	3600	3424
>SEPT6-K171 SLKSLDLVTM	189	>SEPT6-K171 SLKSLDLVTM	4868	4679
>SEPT6-K171 SLKSLDLVTM	175	>SEPT6-K171 SLKSLDLVTM	7496	7321
>SEPT6-K171 SLKSLDLVTM	656	>SEPT6-K171 SLKSLDLVTM	37	619
>SEPT6-K171 SLKSLDLVTM	1162	>SEPT6-K171 SLKSLDLVTM	330	832
>SEPT6-K171 SLKSLDLVTM	7320	>SEPT6-K171 SLKSLDLVTM	488	6832
>SEPT6-K171 TMKKLDSKV	43	>SEPT6-K171 TMRKLDSKV	101	58
>SEPT6-K171 TMKKLDSKV	413	>SEPT6-K171 TMRKLDSKV	848	435
>SEPT6-K171 TMKKLDSKV	575	>SEPT6-K171 TMRKLDSKV	230	345
>SEPT6-K171 TMKKLDSKV	24	>SEPT6-K171 TMRKLDSKV	18	6
>SEPT6-K171 TMKKLDSK	734	>SEPT6-K171 TMRKLDSK	277	457
>SEPT6-K171 TMKKLDSK	407	>SEPT6-K171 TMRKLDSK	1446	1039
>SEPT6-K171 TMKKLDSK	363	>SEPT6-K171 TMRKLDSK	48	315

>SEPT6-K171 VTMKKLDSK\	296	>SEPT6-K171 VTMRKLDSK\	258	38
>SEPT6-K171 VTMKKLDSK\	445	>SEPT6-K171 VTMRKLDSK\	341	104
>SEPT6-K171 VTMKKLDSK\	862	>SEPT6-K171 VTMRKLDSK\	426	436
>SEPT6-K171 VTMKKLDSK	468	>SEPT6-K171 VTMRKLDSK	429	39
>SEPT6-K171 VTMKKLDSK	14	>SEPT6-K171 VTMRKLDSK	14	0
>SEPT6-K171 VTMKKLDSK	394	>SEPT6-K171 VTMRKLDSK	420	26
>SEPT6-K171 VTMKKLDSK\	370	>SEPT6-K171 VTMRKLDSK\	525	155
>SEPT6-K171 VTMKKLDSK\	929	>SEPT6-K171 VTMRKLDSK\	319	610
>SEPT6-K171 LVTMKKLDSK	38	>SEPT6-K171 LVTMRKLDSK	30	8
>SEPT6-K171 LVTMKKLDSK	292	>SEPT6-K171 LVTMRKLDSK	223	69
>SEPT6-K171 LVTMKKLDSK	150	>SEPT6-K171 LVTMRKLDSK	105	45
>SEPT6-K171 DLVTMKKLD\$	694	>SEPT6-K171 DLVTMRKLD\$	453	241
>SEPT6-K171 LDLVTMKKL	340	>SEPT6-K171 LDLVTMRKL	405	65
>SEPT6-K171 SLDLVTMKKL	401	>SEPT6-K171 SLDLVTMRKL	245	156
>SEPT6-K171 SLDLVTMKKL	596	>SEPT6-K171 SLDLVTMRKL	456	140
>SEPT6-K171 SLDLVTMKKL	55	>SEPT6-K171 SLDLVTMRKL	40	15
>SEPT6-K171 SLDLVTMKKL	266	>SEPT6-K171 SLDLVTMRKL	268	2
>SEPT6-K171 SLDLVTMKKL	31	>SEPT6-K171 SLDLVTMRKL	38	7
>SEPT6-K171 SLDLVTMKKL	69	>SEPT6-K171 SLDLVTMRKL	109	40
>SEPT6-K171 SLDLVTMK	175	>SEPT6-K171 SLDLVTMR	3311	3136
>SEPT6-K171 SLDLVTMKK	55	>SEPT6-K171 SLDLVTMRK	56	1
>SEPT6-K171 SLDLVTMK	46	>SEPT6-K171 SLDLVTMR	1427	1381
>SEPT6-K171 SLDLVTMKK	17	>SEPT6-K171 SLDLVTMRK	19	2
>SEPT6-K171 SLDLVTMK	1488	>SEPT6-K171 SLDLVTMR	460	1028
>SEPT6-K171 KSLDLVTMK	133	>SEPT6-K171 KSLDLVTMR	2751	2618
>SEPT6-K171 KSLDLVTMKK	16	>SEPT6-K171 KSLDLVTMRK	17	1
>SEPT6-K171 KSLDLVTMK	14	>SEPT6-K171 KSLDLVTMR	197	183
>SEPT6-K171 KSLDLVTMKK	9	>SEPT6-K171 KSLDLVTMRK	10	1
>SEPT6-K171 KSLDLVTMK	53	>SEPT6-K171 KSLDLVTMR	3697	3644
>SEPT6-K171 KSLDLVTMKK	15	>SEPT6-K171 KSLDLVTMRK	14	1
>SEPT6-K171 KSLDLVTMK	90	>SEPT6-K171 KSLDLVTMR	12	78
>SEPT6-K171 KSLDLVTMKK	79	>SEPT6-K171 KSLDLVTMRK	70	9
>SEPT6-K171 KSLDLVTMKK	210	>SEPT6-K171 KSLDLVTMRK	167	43
>SEPT6-K171 KSLDLVTMKK	432	>SEPT6-K171 KSLDLVTMRK	685	253
>SEPT6-K171 KSLDLVTMKK	4	>SEPT6-K171 KSLDLVTMRK	4	0
>SEPT6-K171 KSLDLVTMKK	320	>SEPT6-K171 KSLDLVTMRK	468	148
>SEPT6-K171 KSLDLVTMKK	128	>SEPT6-K171 KSLDLVTMRK	137	9
>SEPT6-K171 KSLDLVTMK	495	>SEPT6-K171 KSLDLVTMR	827	332
>SEPT6-K171 KSLDLVTMKK	414	>SEPT6-K171 KSLDLVTMRK	268	146
>SEPT6-K171 KSLDLVTMK	1116	>SEPT6-K171 KSLDLVTMR	72	1044
>SEPT6-K171 KSLDLVTMKK	465	>SEPT6-K171 KSLDLVTMRK	575	110
>SEPT6-K171 KSLDLVTMKK	442	>SEPT6-K171 KSLDLVTMRK	431	11
>SEPT6-P18T PLAGHVGFD\$	5590	>SEPT6-P18T TLAGHVGFD\$	125	5465



>SEPT6-P18T PLAGHVGF	4568	>SEPT6-P18T TLAGHVGF	475	4093
>SEPT6-P18T PLAGHVGFD	31	>SEPT6-P18T TLAGHVGFD	5	26
>SEPT6-P18T PLAGHVGFD	266	>SEPT6-P18T TLAGHVGFD	10	256
>SEPT6-P18T PLAGHVGFD	2379	>SEPT6-P18T TLAGHVGFD	97	2282
>SEPT6-P18T PLAGHVGFD	206	>SEPT6-P18T TLAGHVGFD	41	165
>SEPT6-P18T PLAGHVGFD	4767	>SEPT6-P18T TLAGHVGFD	302	4465
>SEPT6-P18T PLAGHVGFD	427	>SEPT6-P18T TLAGHVGFD	68	359
>SEPT6-P18T PLAGHVGFD	322	>SEPT6-P18T TLAGHVGFD	82	240
>SEPT6-P18T PLAGHVGFD	28	>SEPT6-P18T TLAGHVGFD	6	22
>SEPT6-P18T PLAGHVGF	1764	>SEPT6-P18T TLAGHVGF	453	1311
>SEPT6-P18T PLAGHVGFD	10894	>SEPT6-P18T TLAGHVGFD	263	10631
>SEPT6-P18T PLAGHVGF	2834	>SEPT6-P18T TLAGHVGF	141	2693
>SEPT6-P18T PLAGHVGF	1322	>SEPT6-P18T TLAGHVGF	134	1188
>SEPT6-P18T VPLAGHVGF	11	>SEPT6-P18T VTLAGHVGF	12869	12858
>SEPT6-P18T VPLAGHVGF	21643	>SEPT6-P18T VTLAGHVGF	488	21155
>SEPT6-P18T VPLAGHVGF	16108	>SEPT6-P18T VTLAGHVGF	68	16040
>SEPT6-P18T VPLAGHVGF	283	>SEPT6-P18T VTLAGHVGF	18878	18595
>SEPT6-P18T VPLAGHVGF	12499	>SEPT6-P18T VTLAGHVGF	383	12116
>SEPT6-P18T VPLAGHVGF	258	>SEPT6-P18T VTLAGHVGF	80	178
>SEPT6-P18T VPLAGHVGF	3595	>SEPT6-P18T VTLAGHVGF	3	3592
>SEPT6-P18T VPLAGHVGF	57	>SEPT6-P18T VTLAGHVGF	3900	3843
>SEPT6-P18T VPLAGHVGF	20233	>SEPT6-P18T VTLAGHVGF	242	19991
>SEPT6-P18T VPLAGHVGF	5632	>SEPT6-P18T VTLAGHVGF	100	5532
>SEPT6-P18T VPLAGHVGF	334	>SEPT6-P18T VTLAGHVGF	16382	16048
>SEPT6-P18T TVPLAGHV	19	>SEPT6-P18T TVTLAGHV	22	3
>SEPT6-P18T TVPLAGHV	1170	>SEPT6-P18T TVTLAGHV	346	824
>SEPT6-P18T TVPLAGHV	367	>SEPT6-P18T TVTLAGHV	18334	17967
>SEPT6-P18T TVPLAGHVGF	101	>SEPT6-P18T TVTLAGHVGF	3746	3645
>SEPT6-P18T TVPLAGHVGF	1068	>SEPT6-P18T TVTLAGHVGF	242	826
>SEPT6-P18T RTVPLAGHV	125	>SEPT6-P18T RTVTLAGHV	380	255
>SEPT6-P18T RTVPLAGHVC	270	>SEPT6-P18T RTVTLAGHVC	1309	1039
>SEPT6-P18T RTVPLAGHVC	166	>SEPT6-P18T RTVTLAGHVC	66	100
>SEPT6-P18T RTVPLAGHVC	36	>SEPT6-P18T RTVTLAGHVC	30	6
>SEPT6-P18T RTVPLAGHV	87	>SEPT6-P18T RTVTLAGHV	157	70
>SEPT6-P18T RTVPLAGHV	456	>SEPT6-P18T RTVTLAGHV	891	435
>SEPT6-P18T RTVPLAGHVC	107	>SEPT6-P18T RTVTLAGHVC	220	113
>SEPT6-P18T RTVPLAGHVC	161	>SEPT6-P18T RTVTLAGHVC	133	28
>SEPT6-P18T RTVPLAGH	8	>SEPT6-P18T RTVTLAGH	21	13
>SEPT6-P18T RTVPLAGHV	15	>SEPT6-P18T RTVTLAGHV	40	25
>SEPT6-P18T RTVPLAGHVC	400	>SEPT6-P18T RTVTLAGHVC	1912	1512
>SEPT6-P18T RTVPLAGHVC	2	>SEPT6-P18T RTVTLAGHVC	3	1
>SEPT6-P18T RTVPLAGHVC	102	>SEPT6-P18T RTVTLAGHVC	327	225
>SEPT6-P18T RTVPLAGHVC	21	>SEPT6-P18T RTVTLAGHVC	38	17

>SEPT6-P18T RTVPLAGHVC	326	>SEPT6-P18T RTVTLAGHVC	685	359
>SEPT6-P18T RTVPLAGHV	141	>SEPT6-P18T RTVTLAGHV	186	45
>SEPT6-P18T RTVPLAGHVC	22	>SEPT6-P18T RTVTLAGHVC	26	4
>SEPT6-P18T RTVPLAGHV	205	>SEPT6-P18T RTVTLAGHV	722	517
>SEPT6-P18T CRTVPLAGHV	378	>SEPT6-P18T CRTVTLAGHV	514	136
>SEPT6-P18T GCRTVPLA	241	>SEPT6-P18T GCRTVTLA	984	743
>SEPT6-P18T GEGCRTVPL	108	>SEPT6-P18T GEGCRTVTL	110	2
>SEPT6-P18T GEGCRTVPL	286	>SEPT6-P18T GEGCRTVTL	1748	1462
>SEPT6-P18T GEGCRTVP	7383	>SEPT6-P18T GEGCRTVT	355	7028
>SEPT6-P18T GEGCRTVPL	22	>SEPT6-P18T GEGCRTVTL	30	8
>SEPT6-P18T QVGEGCRTV	337	>SEPT6-P18T QVGEGCRTV	185	152
>SEPT6-P18T QVGEGCRTV	299	>SEPT6-P18T QVGEGCRTV	1019	720
>SEPT9-E508 ENTTHCEFAY	462	>SEPT9-E508 KNTTHCEFAY	16949	16487
>SEPT9-E508 ENTTHCEF	2062	>SEPT9-E508 KNTTHCEF	204	1858
>SEPT9-E508 VENTTHCEFA	356	>SEPT9-E508 VKNTTHCEFA	15758	15402
>SEPT9-E508 VENTTHCEFA	297	>SEPT9-E508 VKNTTHCEFA	141	156
>SEPT9-E508 VENTTHCEF	50	>SEPT9-E508 VKNTTHCEF	4	46
>SEPT9-E508 VENTTHCEFA	177	>SEPT9-E508 VKNTTHCEFA	7	170
>SEPT9-E508 VENTTHCEF	86	>SEPT9-E508 VKNTTHCEF	13373	13287
>SEPT9-E508 VENTTHCEFA	37	>SEPT9-E508 VKNTTHCEFA	6750	6713
>SEPT9-E508 VENTTHCEF	228	>SEPT9-E508 VKNTTHCEF	15458	15230
>SEPT9-E508 VENTTHCEFA	447	>SEPT9-E508 VKNTTHCEFA	15402	14955
>SEPT9-E508 VENTTHCEF	419	>SEPT9-E508 VKNTTHCEF	25971	25552
>SEPT9-E508 VENTTHCEFA	211	>SEPT9-E508 VKNTTHCEFA	20942	20731
>SEPT9-E508 RKTkwGTIEV	3387	>SEPT9-E508 RKTkwGTIEV	324	3063
>SEPT9-E508 RKTkwGTIEV	11082	>SEPT9-E508 RKTkwGTIEV	407	10675
>SEPT9-E508 EVENTTHCEF	956	>SEPT9-E508 EVKNTTHCEF	160	796
>SEPT9-E508 EVENTTHCEF	338	>SEPT9-E508 EVKNTTHCEF	202	136
>SEPT9-E508 EVENTTHCEF	6453	>SEPT9-E508 EVKNTTHCEF	319	6134
>SEPT9-E508 EVENTTHCEF	4598	>SEPT9-E508 EVKNTTHCEF	467	4131
>SEPT9-E508 IEVENTTHCEI	455	>SEPT9-E508 IEVKNTTHCEI	422	33
>SEPT9-E508 IEVENTTHCEI	28	>SEPT9-E508 IEVKNTTHCEI	22	6
>SEPT9-E508 IEVENTTH	174	>SEPT9-E508 IEVKNTTH	615	441
>SEPT9-E508 IEVENTTHCEI	11	>SEPT9-E508 IEVKNTTHCEI	22	11
>SEPT9-E508 IEVENTTHCEI	167	>SEPT9-E508 IEVKNTTHCEI	343	176
>SEPT9-E508 IEVENTTHCEI	392	>SEPT9-E508 IEVKNTTHCEI	418	26
>SEPT9-E508 IEVENTTHCEI	248	>SEPT9-E508 IEVKNTTHCEI	363	115
>SEPT9-E508 IEVENTTHC	133	>SEPT9-E508 IEVKNTTHC	233	100
>SEPT9-E508 IEVENTTHCEI	71	>SEPT9-E508 IEVKNTTHCEI	109	38
>SEPT9-E508 KWGTIEVE	1196	>SEPT9-E508 KWGTIEVK	19	1177
>SEPT9-E508 KWGTIEVEN	1359	>SEPT9-E508 KWGTIEVKN	445	914
>SEPT9-E508 KWGTIEVE	470	>SEPT9-E508 KWGTIEVK	446	24
>SEPT9-E508 KWGTIEVENT	320	>SEPT9-E508 KWGTIEVKN	269	51

>SEPT9-E508 KTKWGTIEVE	24234	>SEPT9-E508 KTKWGTIEVK	110	24124
>SEPT9-E508 KTKWGTIEVE	32913	>SEPT9-E508 KTKWGTIEVK	132	32781
>SEPT9-E508 KTKWGTIEVE	1416	>SEPT9-E508 KTKWGTIEVK	5	1411
>SEPT9-R384 RIPDTRVHCC	144	>SEPT9-R384 HIPDTRVHCC	157	13
>SEPT9-R384 KRIPDTRV	29	>SEPT9-R384 KHIPDTRV	4571	4542
>SEPT9-R384 KRIPDTRVH	382	>SEPT9-R384 KHIPDTRVH	12772	12390
>SEPT9-R384 KKRI PDTRV	351	>SEPT9-R384 KKHIPDTRV	566	215
>SEPT9-R384 KKRI PDTRVH	353	>SEPT9-R384 KKHIPDTRVH	475	122
>SEPT9-R384 KKRI PDTR	792	>SEPT9-R384 KKHIPDTR	376	416
>SEPT9-R384 RKKRI PDTR	499	>SEPT9-R384 RKKHIPDTR	207	292
>SEPT9-R384 RKKRI PDTRV	258	>SEPT9-R384 RKKHIPDTRV	128	130
>SEPT9-R384 RKKRI PDTRVH	234	>SEPT9-R384 RKKHIPDTRVH	118	116
>SEPT9-R384 NRKKRI PDTR	488	>SEPT9-R384 NRKKHIPDTR	819	331
>SEPT9-R384 VNINRKKRI	218	>SEPT9-R384 VNINRKKHI	197	21
>SEPT9-R384 EVNINRKKR	18	>SEPT9-R384 EVNINRKKH	4845	4827
>SEPT9-R384 EEVNINRKKR	38	>SEPT9-R384 EEVNINRKKH	35	3
>SEPT9-R384 EEVNINRKKR	401	>SEPT9-R384 EEVNINRKKH	394	7
>SEPT9-R384 EEVNINRKKR	352	>SEPT9-R384 EEVNINRKKH	401	49
>SETD2-A11☹AAGGKMKK	343	>SETD2-A11☹VAGGKMKK	624	281
>SETD2-A11☹AAGGKMKKE	421	>SETD2-A11☹VAGGKMKKE	783	362
>SETD2-A11☹RAAGGKMK	517	>SETD2-A11☹RVAGGKMK	98	419
>SETD2-A11☹RAAGGKMKK	97	>SETD2-A11☹RVAGGKMKK	38	59
>SETD2-A11☹RAAGGKMK	482	>SETD2-A11☹RVAGGKMK	71	411
>SETD2-A11☹RAAGGKMKK	104	>SETD2-A11☹RVAGGKMKK	20	84
>SETD2-A11☹RAAGGKMK	352	>SETD2-A11☹RVAGGKMK	88	264
>SETD2-A11☹RAAGGKMKK	107	>SETD2-A11☹RVAGGKMKK	29	78
>SETD2-A11☹RAAGGKMKK	67	>SETD2-A11☹RVAGGKMKK	44	23
>SETD2-A11☹RAAGGKMKK	498	>SETD2-A11☹RVAGGKMKK	289	209
>SETD2-A11☹RAAGGKMKK	716	>SETD2-A11☹RVAGGKMKK	291	425
>SETD2-A11☹IRAAGGKM	570	>SETD2-A11☹IRVAGGKM	489	81
>SETD2-A11☹IRAAGGKM	203	>SETD2-A11☹IRVAGGKM	223	20
>SETD2-A11☹IRAAGGKMK	366	>SETD2-A11☹IRVAGGKMK	401	35
>SETD2-A11☹IRAAGGKMKI	875	>SETD2-A11☹IRVAGGKMKI	406	469
>SETD2-A11☹SIRAAGGK	146	>SETD2-A11☹SIRVAGGK	276	130
>SETD2-A11☹SIRAAGGKMI	55	>SETD2-A11☹SIRVAGGKMI	117	62
>SETD2-A11☹SIRAAGGKMI	74	>SETD2-A11☹SIRVAGGKMI	123	49
>SETD2-A11☹SIRAAGGKMI	212	>SETD2-A11☹SIRVAGGKMI	386	174
>SETD2-A11☹SIRAAGGKMI	264	>SETD2-A11☹SIRVAGGKMI	438	174
>SETD2-A11☹SIRAAGGK	6	>SETD2-A11☹SIRVAGGK	7	1
>SETD2-A11☹SIRAAGGKM	84	>SETD2-A11☹SIRVAGGKM	139	55
>SETD2-A11☹SIRAAGGKMI	6	>SETD2-A11☹SIRVAGGKMI	6	0
>SETD2-A11☹SIRAAGGKMI	4	>SETD2-A11☹SIRVAGGKMI	5	1
>SETD2-A11☹SIRAAGGKM	288	>SETD2-A11☹SIRVAGGKM	836	548

>SETD2-A11ϵSIRAAGGKM	267	>SETD2-A11ϵSIRVAGGKM	631	364
>SETD2-A11ϵSIRAAGGKM	283	>SETD2-A11ϵSIRVAGGKM	270	13
>SETD2-A11ϵVSIRAAGGK	776	>SETD2-A11ϵVSIRVAGGK	324	452
>SETD2-A11ϵVSIRAAGGK	133	>SETD2-A11ϵVSIRVAGGK	57	76
>SETD2-A11ϵVSIRAAGGKM	141	>SETD2-A11ϵVSIRVAGGKM	81	60
>SETD2-A11ϵVSIRAAGGKM	235	>SETD2-A11ϵVSIRVAGGKM	460	225
>SETD2-A11ϵVSIRAAGGK	434	>SETD2-A11ϵVSIRVAGGK	155	279
>SETD2-A11ϵVSIRAAGGKM	14	>SETD2-A11ϵVSIRVAGGKM	34	20
>SETD2-A11ϵVSIRAAGGKM	707	>SETD2-A11ϵVSIRVAGGKM	327	380
>SETD2-A11ϵVSIRAAGGKM	26	>SETD2-A11ϵVSIRVAGGKM	30	4
>SETD2-A11ϵRVSIRAAGGK	42	>SETD2-A11ϵRVSIRVAGGK	40	2
>SETD2-A11ϵRVSIRAAGGK	135	>SETD2-A11ϵRVSIRVAGGK	69	66
>SETD2-A11ϵRVSIRAAGGK	20	>SETD2-A11ϵRVSIRVAGGK	26	6
>SETD2-A11ϵRVSIRAAGGK	506	>SETD2-A11ϵRVSIRVAGGK	221	285
>SETD2-A11ϵRVSIRAAGGK	36	>SETD2-A11ϵRVSIRVAGGK	48	12
>SETD2-A11ϵRVSIRAAGGK	194	>SETD2-A11ϵRVSIRVAGGK	325	131
>SETD2-A11ϵNRVSIRAAGC	218	>SETD2-A11ϵNRVSIRVAGC	204	14
>SETD2-A11ϵNRVSIRAAG	473	>SETD2-A11ϵNRVSIRVAG	350	123
>SETD2-A11ϵGENRVSIRA	12819	>SETD2-A11ϵGENRVSIRV	298	12521
>SETD2-A11ϵGENRVSIRA	6361	>SETD2-A11ϵGENRVSIRV	220	6141
>SETD2-A11ϵGENRVSIRA	31	>SETD2-A11ϵGENRVSIRV	107	76
>SETD2-A11ϵGENRVSIRAA	341	>SETD2-A11ϵGENRVSIRVA	585	244
>SETD2-A11ϵGENRVSIRA	623	>SETD2-A11ϵGENRVSIRV	18	605
>SETD2-A11ϵGENRVSIRAA	462	>SETD2-A11ϵGENRVSIRVA	637	175
>SETD2-C112SCEPNCETQK	17949	>SETD2-C112SYEPNCETQK	229	17720
>SETD2-C112SCEPNCETQK	23122	>SETD2-C112SYEPNCETQK	443	22679
>SETD2-C112SCEPNCETQK	17971	>SETD2-C112SYEPNCETQK	13	17958
>SETD2-C112SCEPNCETQ	30341	>SETD2-C112SYEPNCETQ	433	29908
>SETD2-C112GNCSRFMNH	25592	>SETD2-C112GNCSRFMNH	345	25247
>SETD2-C112GNCSRFMNH	29200	>SETD2-C112GNCSRFMNH	200	29000
>SETD2-C112GNCSRFMNH	23430	>SETD2-C112GNCSRFMNH	474	22956
>SETD2-C112HSCEPNCETC	815	>SETD2-C112HSYEPNCETC	56	759
>SETD2-C112HSCEPNCETC	210	>SETD2-C112HSYEPNCETC	60	150
>SETD2-C112HSCEPNCETC	657	>SETD2-C112HSYEPNCETC	282	375
>SETD2-C112HSCEPNCETC	136	>SETD2-C112HSYEPNCETC	33	103
>SETD2-C112FMNHSCEP	355	>SETD2-C112FMNHSYEP	97	258
>SETD2-C112FMNHSCEPN	826	>SETD2-C112FMNHSYEPN	450	376
>SETD2-C112FMNHSCEP	656	>SETD2-C112FMNHSYEP	414	242
>SETD2-C112FMNHSCEPN	93	>SETD2-C112FMNHSYEPN	23	70
>SETD2-C112FMNHSCEPN	300	>SETD2-C112FMNHSYEPN	136	164
>SETD2-C112FMNHSCEPN	522	>SETD2-C112FMNHSYEPN	265	257
>SETD2-C112FMNHSCEPN	321	>SETD2-C112FMNHSYEPN	406	85
>SETD2-C112FMNHSCEPN	36	>SETD2-C112FMNHSYEPN	22	14

>SETD2-C112FMNHSCEPN	1159	>SETD2-C112FMNHSYEPN	405	754
>SETD2-C112SRFMNHSC	25465	>SETD2-C112SRFMNHSY	425	25040
>SETD2-C112SRFMNHSC	22220	>SETD2-C112SRFMNHSY	62	22158
>SETD2-C112SRFMNHSC	1260	>SETD2-C112SRFMNHSY	11	1249
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>SETD2-C112CSRFMNHSC	20650	>SETD2-C112CSRFMNHSY	498	20152
>SETD2-C112CSRFMNHSC	25789	>SETD2-C112CSRFMNHSY	265	25524
>SETD2-C112CSRFMNHSC	1343	>SETD2-C112CSRFMNHSY	80	1263
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>SETD2-C112CSRFMNHSC	18100	>SETD2-C112CSRFMNHSY	344	17756
>SETD2-C112CSRFMNHSC	19633	>SETD2-C112CSRFMNHSY	373	19260
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>SETD2-C112CSRFMNHSC	9301	>SETD2-C112CSRFMNHSY	72	9229
>SETD2-C112CSRFMNHSC	36443	>SETD2-C112CSRFMNHSY	172	36271
>SETD2-C112NCSRFMNHS	26476	>SETD2-C112NCSRFMNHS	118	26358
>SETD2-C112NCSRFMNHS	26725	>SETD2-C112NCSRFMNHS	381	26344
>SETD2-C112NCSRFMNHS	34657	>SETD2-C112NCSRFMNHS	283	34374
>SETD2-C112CRGYLGGENF	370	>SETD2-C112FRGYLGGENF	472	102
>SETD2-C112NCRGYLGGENF	5894	>SETD2-C112NFRGYLGGENF	213	5681
>SETD2-C112NCRGYLGGENF	823	>SETD2-C112NFRGYLGGENF	40	783
>SETD2-C112AQKCFCSAIF	4079	>SETD2-C112AQKCFCSAIF	30	4049
>SETD2-C112AQKCFCSAIF	21011	>SETD2-C112AQKCFCSAIF	390	20621
>SETD2-C112AQKCFCSAIF	993	>SETD2-C112AQKCFCSAIF	4	989
>SETD2-C112GSANFRGY	553	>SETD2-C112GSANFRGY	320	233
>SETD2-C112GSANFRGY	36	>SETD2-C112GSANFRGY	50	14
>SETD2-C112GSANFRGY	69	>SETD2-C112GSANFRGY	65	4
>SETD2-C112GSANFRGY	398	>SETD2-C112GSANFRGY	638	240
>SETD2-C112GSANFRGYL	39	>SETD2-C112GSANFRGYL	45	6
>SETD2-C112GSANFRGYL	637	>SETD2-C112GSANFRGYL	442	195
>SETD2-C112CGSANFRGY	343	>SETD2-C112CGSANFRGY	314	29
>SETD2-C112FCGSANFRGY	308	>SETD2-C112FCGSANFRGY	210	98
>SETD2-C112FCGSANFRGY	616	>SETD2-C112FCGSANFRGY	308	308
>SETD2-C112FCGSANFRGY	642	>SETD2-C112FCGSANFRGY	361	281
>SETD2-C112FCGSANFR	2090	>SETD2-C112FCGSANFR	424	1666
>SETD2-C112FCGSANFR	1233	>SETD2-C112FCGSANFR	282	951
>SETD2-C112CFCGSANF	28457	>SETD2-C112CFCGSANF	175	28282
>SETD2-C112CFCGSANF	10376	>SETD2-C112CFCGSANF	12	10364
>SETD2-C112CFCGSANFR	562	>SETD2-C112CFCGSANFR	166	396
>SETD2-C112CFCGSANFR	161	>SETD2-C112CFCGSANFR	92	69
>SETD2-C112CFCGSANFR	714	>SETD2-C112CFCGSANFR	121	593
>SETD2-C112CFCGSANFR	285	>SETD2-C112CFCGSANFR	47	238
>SETD2-C112CFCGSANFR	311	>SETD2-C112CFCGSANFR	57	254
>SETD2-C112CFCGSANFR	253	>SETD2-C112CFCGSANFR	423	170

>SETD2-C11&CFCGSANCR	126	>SETD2-C11&CFCGSANFR	32	94
>SETD2-C11&KCFCGSANCF	3334	>SETD2-C11&KCFCGSANFR	364	2970
>SETD2-C11&KCFCGSANCF	73	>SETD2-C11&KCFCGSANFR	23	50
>SETD2-C11&KCFCGSANC	3999	>SETD2-C11&KCFCGSANF	33	3966
>SETD2-C11&KCFCGSANC	8450	>SETD2-C11&KCFCGSANF	17	8433
>SETD2-C11&KCFCGSANC	18393	>SETD2-C11&KCFCGSANF	88	18305
>SETD2-C11&KCFCGSANC	8866	>SETD2-C11&KCFCGSANF	62	8804
>SETD2-C11&KCFCGSANCF	676	>SETD2-C11&KCFCGSANFR	205	471
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>SETD2-C11&QKFCGSANCF	3328	>SETD2-C11&QKFCGSANFR	11	3317
>SETD2-C11&QKFCGSANCF	2102	>SETD2-C11&QKFCGSANFR	360	1742
>SETD2-C99&CTPLSKDER	115	>SETD2-C99&GTPLSKDER	543	428
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>SETD2-C99&MQCECTPL	41	>SETD2-C99&MQCEGTPL	126	85
>SETD2-C99&MQCECTPL	133	>SETD2-C99&MQCEGTPL	130	3
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>SETD2-C99&MQCECTPLS	197	>SETD2-C99&MQCEGTPLS	110	87
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>SETD2-C99&MQCECTPLSF	112	>SETD2-C99&MQCEGTPLSI	142	30
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>SETD2-C99&RMQCECTPL	76	>SETD2-C99&RMQCEGTPL	317	241
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>SETD2-C99&RMQCECTPLS	269	>SETD2-C99&RMQCEGTPLSI	237	32
>SETD2-C99&RMQCECTPL	808	>SETD2-C99&RMQCEGTPL	340	468
>SETD2-C99&KRMQCECTPL	76	>SETD2-C99&KRMQCEGTP	82	6
>SETD2-C99&KRMQCECTPL	18	>SETD2-C99&KRMQCEGTP	13	5

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>SETD2-D111EIIDATQK	9	>SETD2-D111EIINATQK	8	1
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>SETD2-D111ALKNDEIIDA	507	>SETD2-D111ALKNDEIINA	161	346
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>SETD2-D676DPLGHPNSEE	1831	>SETD2-D676HPLGHPNSEE	243	1588
>SETD2-D676KSDPLGHP	16361	>SETD2-D676KSHPLGHP	446	15915
>SETD2-D676KSDPLGHPN	14764	>SETD2-D676KSHPLGHPN	182	14582
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>SETD2-D676HTDVKSDPL	1596	>SETD2-D676HTDVKSHPL	387	1209
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>SETD2-D676HTDVKSDPL	1099	>SETD2-D676HTDVKSHPL	366	733
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>SETD2-D676HTDVKSDPL	63	>SETD2-D676HTDVKSHPL	12	51
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>SETD2-D676SHTDVKSDPL	275	>SETD2-D676SHTDVKSHPL	73	202
>SETD2-D676TSHTDVKSDP	609	>SETD2-D676TSHTDVKSHP	287	322
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>SETD2-G115GSELTFDYQF	1292	>SETD2-G115VSELTFDYQF	415	877
>SETD2-G115GSELTFDY	338	>SETD2-G115VSELTFDY	536	198
>SETD2-G115GSELTFDYQF	177	>SETD2-G115VSELTFDYQF	155	22
>SETD2-G115GSELTFDY	452	>SETD2-G115VSELTFDY	240	212
>SETD2-G115GSELTFDYQF	1318	>SETD2-G115VSELTFDYQF	480	838
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>SETD2-G115SGSELTFDYQ	4077	>SETD2-G115SVSELTFDYQ	204	3873
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>SETD2-G11!SGSELTFDYQ	465	>SETD2-G11!SVSELTFDYQ	154	311
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>SETD2-G11!GFFTTKLVPSC	35417	>SETD2-G11!GFFTTKLVPSC	436	34981
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>SETD2-G11!VPSGSELTF	364	>SETD2-G11!VPSVSELTF	1408	1044
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>SETD2-G11!VPSGSELTF	14	>SETD2-G11!VPSVSELTF	19	5
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>SETD2-G11!VPSGSELTF	58	>SETD2-G11!VPSVSELTF	52	6
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>SETD2-G11!VPSGSELTF	202	>SETD2-G11!VPSVSELTF	136	66
>SETD2-G11!VPSGSELTFD'	158	>SETD2-G11!VPSVSELTFD'	111	47
>SETD2-G11!VPSGSELTF	122	>SETD2-G11!VPSVSELTF	95	27
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>SETD2-G11!KLVPSGSELTF	422	>SETD2-G11!KLVPSVSELTF	287	135
>SETD2-G11!KLVPSGSELTF	109	>SETD2-G11!KLVPSVSELTF	56	53
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>SETD2-G11!KLVPSGSEL	437	>SETD2-G11!KLVPSVSEL	1119	682
>SETD2-G11!KLVPSGSELTF	283	>SETD2-G11!KLVPSVSELTF	461	178
>SETD2-G11!TKLVPSGSEL	51	>SETD2-G11!TKLVPSVSEL	20	31
>SETD2-G11!TKLVPSGSEL	651	>SETD2-G11!TKLVPSVSEL	164	487
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>SETD2-G11!TTKLVPSPG	14828	>SETD2-G11!TTKLVPSPV	165	14663
>SETD2-G11!TTKLVPSPGSEI	511	>SETD2-G11!TTKLVPSPVSEI	235	276
>SETD2-G11!TTKLVPSPG	19042	>SETD2-G11!TTKLVPSPV	406	18636
>SETD2-G11!TTKLVPSPGSEI	57	>SETD2-G11!TTKLVPSPVSEI	61	4
>SETD2-G11!TTKLVPSPGS	2276	>SETD2-G11!TTKLVPSPVS	382	1894
>SETD2-G11!TTKLVPSPGSEI	30	>SETD2-G11!TTKLVPSPVSEI	30	0
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>SETD2-G11!FTTKLVPSG	9138	>SETD2-G11!FTTKLVPSV	37	9101
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>SETD2-G11!FTTKLVPSG	7335	>SETD2-G11!FTTKLVPSV	7	7328
>SETD2-G11!FTTKLVPSG	11913	>SETD2-G11!FTTKLVPSV	16	11897
>SETD2-G11!FTTKLVPSG	19793	>SETD2-G11!FTTKLVPSV	234	19559
>SETD2-G11!FTTKLVPSG	15136	>SETD2-G11!FTTKLVPSV	10	15126
>SETD2-G11!FTTKLVPSG	23855	>SETD2-G11!FTTKLVPSV	7	23848
>SETD2-G11!FTTKLVPSG	8787	>SETD2-G11!FTTKLVPSV	74	8713
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>SETD2-G11!FTTKLVPSG	2945	>SETD2-G11!FTTKLVPSV	104	2841
>SETD2-G11!FTTKLVPSG	6678	>SETD2-G11!FTTKLVPSV	356	6322
>SETD2-G11!FFTTKLVPSPG	22777	>SETD2-G11!FFTTKLVPSPV	252	22525
>SETD2-G11!FFTTKLVPSPG	29221	>SETD2-G11!FFTTKLVPSPV	31	29190
>SETD2-G75(LGWDFSQEK	2720	>SETD2-G75(LVWDFSQEK	31	2689

>SETD2-G75(LGWDFSQEK	3247	>SETD2-G75(LVWDFSQEK	171	3076
>SETD2-G75(LGWDFSQEK	3945	>SETD2-G75(LVWDFSQEK	487	3458
>SETD2-G75(LGWDFSQEK	4556	>SETD2-G75(LVWDFSQEK	238	4318
>SETD2-G75(NLGWDFSQ	397	>SETD2-G75(NLVWDFSQ	392	5
>SETD2-G75(NLGWDFSQE	849	>SETD2-G75(NLVWDFSQE	264	585
>SETD2-G75(NLGWDFSQE	2050	>SETD2-G75(NLVWDFSQE	265	1785
>SETD2-G75(RNLGWDFSQ	360	>SETD2-G75(RNLVWDFSQ	238	122
>SETD2-G75(LRNLGWDF	196	>SETD2-G75(LRNLVWDF	233	37
>SETD2-G75(LRNLGWDF	832	>SETD2-G75(LRNLVWDF	468	364
>SETD2-G75(ELRNLGWDF	481	>SETD2-G75(ELRNLVWDF	780	299
>SETD2-G75(ELRNLGWDF	226	>SETD2-G75(ELRNLVWDF	273	47
>SETD2-G75(EELRNLGW	341	>SETD2-G75(EELRNLVW	112	229
>SETD2-G75(EELRNLGWD	493	>SETD2-G75(EELRNLVWDI	383	110
>SETD2-G75(EELRNLGWD	476	>SETD2-G75(EELRNLVWDI	313	163
>SETD2-G75(EELRNLGW	110	>SETD2-G75(EELRNLVW	156	46
>SETD2-G75(EELRNLGWD	66	>SETD2-G75(EELRNLVWDI	62	4
>SETD2-G75(EELRNLGW	17	>SETD2-G75(EELRNLVW	21	4
>SETD2-G75(EELRNLGWD	158	>SETD2-G75(EELRNLVWDI	199	41
>SETD2-G75(EELRNLGWD	246	>SETD2-G75(EELRNLVWDI	159	87
>SETD2-G75(EELRNLGWD	133	>SETD2-G75(EELRNLVWDI	78	55
>SETD2-G75(EELRNLGW	1494	>SETD2-G75(EELRNLVW	326	1168
>SETD2-G75(SEELRNLG	426	>SETD2-G75(SEELRNLV	9	417
>SETD2-G75(SEELRNLGWI	340	>SETD2-G75(SEELRNLVWI	274	66
>SETD2-G75(SEELRNLGW	82	>SETD2-G75(SEELRNLVW	151	69
>SETD2-G75(SEELRNLGWI	307	>SETD2-G75(SEELRNLVWI	255	52
>SETD2-G75(SEELRNLGW	171	>SETD2-G75(SEELRNLVW	296	125
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>SETD2-G75(SEELRNLG	7383	>SETD2-G75(SEELRNLV	490	6893
>SETD2-G75(SSEELRNLGW	26	>SETD2-G75(SSEELRNLVW	37	11
>SETD2-G75(SSEELRNLGW	1102	>SETD2-G75(SSEELRNLVW	322	780
>SETD2-G75(HSSEELRNLG	8	>SETD2-G75(HSSEELRNLV'	9	1
>SETD2-G75(HSSEELRNLG	60	>SETD2-G75(HSSEELRNLV'	53	7
>SETD2-G75(HSSEELRNLG	24	>SETD2-G75(HSSEELRNLV'	15	9
>SETD2-I129'IIKTLEHLPI	480	>SETD2-I129'NIKTLEHLPI	1267	787
>SETD2-I129'IIKTLEHLPI	244	>SETD2-I129'NIKTLEHLPI	538	294
>SETD2-I129'IIKTLEHLPI	171	>SETD2-I129'NIKTLEHLPI	2008	1837
>SETD2-I129'EIIKTLEH	142	>SETD2-I129'ENIKTLEH	5260	5118
>SETD2-I129'EIIKTLEHL	3	>SETD2-I129'ENIKTLEHL	62	59
>SETD2-I129'EIIKTLEHLPI	80	>SETD2-I129'ENIKTLEHLPI	3980	3900
>SETD2-I129'EIIKTLEHL	93	>SETD2-I129'ENIKTLEHL	2097	2004
>SETD2-I129'EIIKTLEHLPI	91	>SETD2-I129'ENIKTLEHLPI	1815	1724
>SETD2-I129'EIIKTLEHL	125	>SETD2-I129'ENIKTLEHL	7801	7676
>SETD2-I129'EIIKTLEHLPI	33	>SETD2-I129'ENIKTLEHLPI	2651	2618

>SETD2-I129' RESNQKLQEE	50	>SETD2-I129' RESNQKLQEE	26880	26830
>SETD2-I129' RESNQKLQEE	40	>SETD2-I129' RESNQKLQEE	5720	5680
>SETD2-I129' RESNQKLQEE	67	>SETD2-I129' RESNQKLQEE	2295	2228
>SETD2-I129' RESNQKLQEE	11	>SETD2-I129' RESNQKLQEE	4613	4602
>SETD2-I129' EEIIKTLEHL	465	>SETD2-I129' EENIKTLEHL	281	184
>SETD2-I129' EEIIKTLEHL	453	>SETD2-I129' EENIKTLEHL	602	149
>SETD2-I129' EEIIKTLEHL	189	>SETD2-I129' EENIKTLEHL	682	493
>SETD2-I129' QEIIKT	17	>SETD2-I129' QEENIKTL	29	12
>SETD2-I129' QEIIKTLEHL	134	>SETD2-I129' QEENIKTLEHI	227	93
>SETD2-I129' QEIIKT	68	>SETD2-I129' QEENIKTL	44	24
>SETD2-I129' QEIIKTLEHL	54	>SETD2-I129' QEENIKTLEHI	31	23
>SETD2-I129' QEIIKTLEHL	177	>SETD2-I129' QEENIKTLEHI	230	53
>SETD2-I129' LQEIIKT	63	>SETD2-I129' LQEENIKTL	235	172
>SETD2-I129' KLQEIIKT	180	>SETD2-I129' KLQEENIKT	793	613
>SETD2-I129' KLQEIIKT	96	>SETD2-I129' KLQEENIKTL	162	66
>SETD2-I129' KLQEIIKT	115	>SETD2-I129' KLQEENIKTL	223	108
>SETD2-I129' KLQEIIKT	51	>SETD2-I129' KLQEENIKT	472	421
>SETD2-I129' KLQEIIKT	4	>SETD2-I129' KLQEENIKTL	9	5
>SETD2-I129' KLQEIIKT	230	>SETD2-I129' KLQEENIKT	842	612
>SETD2-I129' KLQEIIKT	5	>SETD2-I129' KLQEENIKTL	7	2
>SETD2-I129' KLQEIIKT	33	>SETD2-I129' KLQEENIKTL	80	47
>SETD2-I129' KLQEIIKT	47	>SETD2-I129' KLQEENIKTL	119	72
>SETD2-I129' KLQEIIKT	57	>SETD2-I129' KLQEENIKT	464	407
>SETD2-I129' KLQEIIKT	4	>SETD2-I129' KLQEENIKTL	6	2
>SETD2-I129' KLQEIIK	181	>SETD2-I129' KLQEENIK	609	428
>SETD2-I129' KLQEIIK	138	>SETD2-I129' KLQEENIK	494	356
>SETD2-I129' KLQEIIKT	56	>SETD2-I129' KLQEENIKTL	64	8
>SETD2-I129' QKLQEII	412	>SETD2-I129' QKLQEENI	454	42
>SETD2-I129' QKLQEIIKT	94	>SETD2-I129' QKLQEENIKT	69	25
>SETD2-S139ISDATSELEGK	226	>SETD2-S139IFDATSELEGK	4792	4566
>SETD2-S139ISDATSEL	15	>SETD2-S139IFDATSEL	23531	23516
>SETD2-S139ISDATSEL	337	>SETD2-S139IFDATSEL	19296	18959
>SETD2-S139ISENSMDSAII	16798	>SETD2-S139ISENSMDSAII	173	16625
>SETD2-S139ISENSMDSAII	7730	>SETD2-S139ISENSMDSAII	7	7723
>SETD2-S139ISENSMDSAII	10507	>SETD2-S139ISENSMDSAII	401	10106
>SETD2-S139ISENSMDSAII	2687	>SETD2-S139ISENSMDSAII	14	2673
>SETD2-S139AISDATSEL	8785	>SETD2-S139AIFDATSEL	456	8329
>SETD2-S139AISDATSEL	240	>SETD2-S139AIFDATSEL	29	211
>SETD2-S139AISDATSEL	7	>SETD2-S139AIFDATSEL	4	3
>SETD2-S139AISDATSEL	16	>SETD2-S139AIFDATSEL	11	5
>SETD2-S139AISDATSEL	84	>SETD2-S139AIFDATSEL	18	66
>SETD2-S139AISDATSEL	317	>SETD2-S139AIFDATSEL	15	302
>SETD2-S139AISDATSEL	1058	>SETD2-S139AIFDATSEL	156	902

>SETD2-S139 AISDATSEL	352	>SETD2-S139 AIFDATSEL	28	324
>SETD2-S139 AISDATSEL	218	>SETD2-S139 AIFDATSEL	199	19
>SETD2-S139 AISDATSEL	5	>SETD2-S139 AIFDATSEL	3	2
>SETD2-S139 AISDATSEL	4042	>SETD2-S139 AIFDATSEL	226	3816
>SETD2-S139 AISDATSEL	643	>SETD2-S139 AIFDATSEL	128	515
>SETD2-S139 AISDATSEL	1292	>SETD2-S139 AIFDATSEL	385	907
>SETD2-S139 AISDATSEL	2686	>SETD2-S139 AIFDATSEL	443	2243
>SETD2-S139 AISDATSEL	2020	>SETD2-S139 AIFDATSEL	248	1772
>SETD2-S139 AISDATSEL	2115	>SETD2-S139 AIFDATSEL	470	1645
>SETD2-S139 SAISDATSEL	174	>SETD2-S139 SAIFDATSEL	591	417
>SETD2-S139 SAISDATSEL	255	>SETD2-S139 SAIFDATSEL	812	557
>SETD2-S139 SAISDATSEL	448	>SETD2-S139 SAIFDATSEL	540	92
>SETD2-S139 SAISDATSEL	142	>SETD2-S139 SAIFDATSEL	150	8
>SETD2-S139 DSAISDATSEL	149	>SETD2-S139 DSAIFDATSEL	70	79
>SETD2-S139 DSAISDATSEL	172	>SETD2-S139 DSAIFDATSEL	450	278
>SETD2-S139 SMDSAISDA	398	>SETD2-S139 SMDSAIFDA	19	379
>SETD2-S139 SMDSAISDA	623	>SETD2-S139 SMDSAIFDA	137	486
>SETD2-S139 SMDSAISDAT	373	>SETD2-S139 SMDSAIFDAT	202	171
>SETD2-S139 SMDSAISDA	86	>SETD2-S139 SMDSAIFDA	287	201
>SETD2-S139 SMDSAISDAT	630	>SETD2-S139 SMDSAIFDAT	303	327
>SETD2-S139 SMDSAISDA	666	>SETD2-S139 SMDSAIFDA	47	619
>SETD2-S139 SMDSAISDA	41	>SETD2-S139 SMDSAIFDA	10	31
>SETD2-S139 SMDSAISDAT	73	>SETD2-S139 SMDSAIFDAT	41	32
>SETD2-S139 SMDSAISDAT	414	>SETD2-S139 SMDSAIFDAT	158	256
>SETD2-S139 SMDSAISDA	157	>SETD2-S139 SMDSAIFDA	25	132
>SETD2-S139 SMDSAISDAT	683	>SETD2-S139 SMDSAIFDAT	430	253
>SETD2-S139 SMDSAISDA	17	>SETD2-S139 SMDSAIFDA	7	10
>SETD2-S139 SMDSAISDAT	130	>SETD2-S139 SMDSAIFDAT	88	42
>SETD2-S139 SMDSAISDAT	985	>SETD2-S139 SMDSAIFDAT	406	579
>SETD2-S139 SMDSAISDA	1728	>SETD2-S139 SMDSAIFDA	79	1649
>SETD2-S139 SMDSAISDA	32	>SETD2-S139 SMDSAIFDA	15	17
>SETD2-S139 NSMDSAISD/	639	>SETD2-S139 NSMDSAIFD/	358	281
>SETD2-S139 NSMDSAISD/	780	>SETD2-S139 NSMDSAIFD/	422	358
>SETD2-S139 NSMDSAIS	16645	>SETD2-S139 NSMDSAIF	266	16379
>SETD2-S139 NSMDSAIS	15522	>SETD2-S139 NSMDSAIF	57	15465
>SETD2-S139 NSMDSAIS	12815	>SETD2-S139 NSMDSAIF	9	12806
>SETD2-S139 NSMDSAIS	13012	>SETD2-S139 NSMDSAIF	375	12637
>SETD2-S139 SENSMDSAIS	18665	>SETD2-S139 SENSMDSAIF	346	18319
>SETD2-S139 SENSMDSAIS	18790	>SETD2-S139 SENSMDSAIF	132	18658
>SETD2-S139 SENSMDSAIS	9266	>SETD2-S139 SENSMDSAIF	86	9180
>SETD2-S139 SENSMDSAIS	7280	>SETD2-S139 SENSMDSAIF	132	7148
>SETD2-S139 SENSMDSAIS	1063	>SETD2-S139 SENSMDSAIF	448	615
>SETD2-V10E VILTEKKGWC	265	>SETD2-V10E GILTEKKGWC	476	211

>SETD2-V10E VILTEKKGWC	102	>SETD2-V10E GILTEKKGWC	218	116
>SETD2-V10E VILTEKKGWC	353	>SETD2-V10E GILTEKKGWC	187	166
>SETD2-V10E VILTEKKGWC	267	>SETD2-V10E GILTEKKGWC	288	21
>SETD2-V10E VILTEKKGWC	387	>SETD2-V10E GILTEKKGWC	2433	2046
>SETD2-V10E VILTEKKGWC	96	>SETD2-V10E GILTEKKGWC	247	151
>SETD2-V10E EVILTEKKGW	397	>SETD2-V10E EGILTEKKGW	22556	22159
>SETD2-V10E EVILTEKK	9	>SETD2-V10E EGILTEKK	597	588
>SETD2-V10E FQRKQHADV	147	>SETD2-V10E FQRKQHADV	15942	15795
>SETD2-V10E FQRKQHADV	43	>SETD2-V10E FQRKQHADV	12415	12372
>SETD2-V10E FQRKQHADV	361	>SETD2-V10E FQRKQHADV	35810	35449
>SETD2-V10E FQRKQHADV	326	>SETD2-V10E FQRKQHADV	599	273
>SETD2-V10E FQRKQHADV	24	>SETD2-V10E FQRKQHADV	1883	1859
>SETD2-V10E VEVILTEKKG\	103	>SETD2-V10E VEGILTEKKG\	179	76
>SETD2-V10E VEVILTEKKG\	46	>SETD2-V10E VEGILTEKKG\	119	73
>SETD2-V10E DVEVILTEK	38	>SETD2-V10E DVEGILTEK	42	4
>SETD2-V10E DVEVILTEKK	313	>SETD2-V10E DVEGILTEKK	210	103
>SETD2-V10E HADVEVIL	466	>SETD2-V10E HADVEGIL	2895	2429
>SETD2-V10E QHADVEVIL	341	>SETD2-V10E QHADVEGIL	718	377
>SETD2-V10E QHADVEVIL	31	>SETD2-V10E QHADVEGIL	252	221
>SETD2-V10E KQHADVEV	131	>SETD2-V10E KQHADVEG	21527	21396
>SETD2-V10E KQHADVEV	357	>SETD2-V10E KQHADVEG	17072	16715
>SETD2-V10E KQHADVEV	119	>SETD2-V10E KQHADVEG	16553	16434
>SETD2-V10E KQHADVEVI	470	>SETD2-V10E KQHADVEGI	109	361
>SETD2-V10E KQHADVEV	13	>SETD2-V10E KQHADVEG	6178	6165
>SETD2-V10E KQHADVEVI	107	>SETD2-V10E KQHADVEGI	25	82
>SETD2-V10E KQHADVEV	93	>SETD2-V10E KQHADVEG	21623	21530
>SETD2-V10E KQHADVEVI	800	>SETD2-V10E KQHADVEGI	318	482
>SETD2-V10E KQHADVEV	283	>SETD2-V10E KQHADVEG	19520	19237
>SETD2-V10E KQHADVEV	218	>SETD2-V10E KQHADVEG	23165	22947
>SETD2-V10E KQHADVEVI	167	>SETD2-V10E KQHADVEGI	311	144
>SETD2-V10E KQHADVEVIL	491	>SETD2-V10E KQHADVEGIL	4774	4283
>SETD2-V10E KQHADVEVI	210	>SETD2-V10E KQHADVEGI	872	662
>SETD2-V10E KQHADVEV	48	>SETD2-V10E KQHADVEG	4679	4631
>SETD2-V10E KQHADVEVI	25	>SETD2-V10E KQHADVEGI	107	82
>SETD2-V10E KQHADVEVIL	17	>SETD2-V10E KQHADVEGIL	150	133
>SETD2-V10E KQHADVEVIL	166	>SETD2-V10E KQHADVEGIL	1403	1237
>SETD2-V10E KQHADVEVIL	103	>SETD2-V10E KQHADVEGIL	242	139
>SETD2-V10E RKQHADVEV	47	>SETD2-V10E RKQHADVEG	3776	3729
>SETD2-V10E RKQHADVEV	31	>SETD2-V10E RKQHADVEG	93	62
>SETD2-V10E RKQHADVEV	24	>SETD2-V10E RKQHADVEG	162	138
>SETD2-V10E RKQHADVEV	235	>SETD2-V10E RKQHADVEG	604	369
>SETD2-V10E RKQHADVEV	216	>SETD2-V10E RKQHADVEG	327	111
>SETD2-V10E RKQHADVEV	337	>SETD2-V10E RKQHADVEG	647	310

>SETD2_ENS' AAGGKMKK	343	>SETD2_ENS' VAGGKMKK	624	281
>SETD2_ENS' AAGGKMKKE	421	>SETD2_ENS' VAGGKMKKE	783	362
>SETD2_ENS' RAAGGKMK	517	>SETD2_ENS' RVAGGKMK	98	419
>SETD2_ENS' RAAGGKMKK	97	>SETD2_ENS' RVAGGKMKK	38	59
>SETD2_ENS' RAAGGKMK	482	>SETD2_ENS' RVAGGKMK	71	411
>SETD2_ENS' RAAGGKMKK	104	>SETD2_ENS' RVAGGKMKK	20	84
>SETD2_ENS' RAAGGKMK	352	>SETD2_ENS' RVAGGKMK	88	264
>SETD2_ENS' RAAGGKMKK	107	>SETD2_ENS' RVAGGKMKK	29	78
>SETD2_ENS' RAAGGKMKK	67	>SETD2_ENS' RVAGGKMKK	44	23
>SETD2_ENS' RAAGGKMKK	498	>SETD2_ENS' RVAGGKMKK	289	209
>SETD2_ENS' RAAGGKMKK	716	>SETD2_ENS' RVAGGKMKK	291	425
>SETD2_ENS' IRAAGGKM	570	>SETD2_ENS' IRVAGGKM	489	81
>SETD2_ENS' IRAAGGKM	203	>SETD2_ENS' IRVAGGKM	223	20
>SETD2_ENS' IRAAGGKMK	366	>SETD2_ENS' IRVAGGKMK	401	35
>SETD2_ENS' IRAAGGKMKI	875	>SETD2_ENS' IRVAGGKMKI	406	469
>SETD2_ENS' SIRAAGGK	146	>SETD2_ENS' SIRVAGGK	276	130
>SETD2_ENS' SIRAAGGKMI	55	>SETD2_ENS' SIRVAGGKMI	117	62
>SETD2_ENS' SIRAAGGKMI	74	>SETD2_ENS' SIRVAGGKMI	123	49
>SETD2_ENS' SIRAAGGKMI	212	>SETD2_ENS' SIRVAGGKMI	386	174
>SETD2_ENS' SIRAAGGKMI	264	>SETD2_ENS' SIRVAGGKMI	438	174
>SETD2_ENS' SIRAAGGK	6	>SETD2_ENS' SIRVAGGK	7	1
>SETD2_ENS' SIRAAGGKM	84	>SETD2_ENS' SIRVAGGKM	139	55
>SETD2_ENS' SIRAAGGKMI	6	>SETD2_ENS' SIRVAGGKMI	6	0
>SETD2_ENS' SIRAAGGKMI	4	>SETD2_ENS' SIRVAGGKMI	5	1
>SETD2_ENS' SIRAAGGKM	288	>SETD2_ENS' SIRVAGGKM	836	548
>SETD2_ENS' SIRAAGGKM	267	>SETD2_ENS' SIRVAGGKM	631	364
>SETD2_ENS' SIRAAGGKM	283	>SETD2_ENS' SIRVAGGKM	270	13
>SETD2_ENS' VSIRAAGGK	776	>SETD2_ENS' VSIRVAGGK	324	452
>SETD2_ENS' VSIRAAGGK	133	>SETD2_ENS' VSIRVAGGK	57	76
>SETD2_ENS' VSIRAAGGKM	141	>SETD2_ENS' VSIRVAGGKM	81	60
>SETD2_ENS' VSIRAAGGKM	235	>SETD2_ENS' VSIRVAGGKM	460	225
>SETD2_ENS' VSIRAAGGK	434	>SETD2_ENS' VSIRVAGGK	155	279
>SETD2_ENS' VSIRAAGGKM	14	>SETD2_ENS' VSIRVAGGKM	34	20
>SETD2_ENS' VSIRAAGGKM	707	>SETD2_ENS' VSIRVAGGKM	327	380
>SETD2_ENS' VSIRAAGGKM	26	>SETD2_ENS' VSIRVAGGKM	30	4
>SETD2_ENS' RVSIRAAGGK	42	>SETD2_ENS' RVSIRVAGGK	40	2
>SETD2_ENS' RVSIRAAGGK	135	>SETD2_ENS' RVSIRVAGGK	69	66
>SETD2_ENS' RVSIRAAGGK	20	>SETD2_ENS' RVSIRVAGGK	26	6
>SETD2_ENS' RVSIRAAGGK	506	>SETD2_ENS' RVSIRVAGGK	221	285
>SETD2_ENS' RVSIRAAGGK	36	>SETD2_ENS' RVSIRVAGGK	48	12
>SETD2_ENS' RVSIRAAGGK	194	>SETD2_ENS' RVSIRVAGGK	325	131
>SETD2_ENS' NRVSIRAAGC	218	>SETD2_ENS' NRVSIRVAGC	204	14
>SETD2_ENS' NRVSIRAAG	473	>SETD2_ENS' NRVSIRVAG	350	123

>SETD2_ENS' GENRVSIRA	12819	>SETD2_ENS' GENRVSIRV	298	12521
>SETD2_ENS' GENRVSIRA	6361	>SETD2_ENS' GENRVSIRV	220	6141
>SETD2_ENS' GENRVSIRA	31	>SETD2_ENS' GENRVSIRV	107	76
>SETD2_ENS' GENRVSIRAA	341	>SETD2_ENS' GENRVSIRVA	585	244
>SETD2_ENS' GENRVSIRA	623	>SETD2_ENS' GENRVSIRV	18	605
>SETD2_ENS' GENRVSIRAA	462	>SETD2_ENS' GENRVSIRVA	637	175
>SETD2_ENS' DPLGHPNSEE	1831	>SETD2_ENS' HPLGHPNSEE	243	1588
>SETD2_ENS' KSDPLGHP	16361	>SETD2_ENS' KSHPLGHP	446	15915
>SETD2_ENS' KSDPLGHPN	14764	>SETD2_ENS' KSHPLGHPN	182	14582
>SETD2_ENS' KSDPLGHPNS	8709	>SETD2_ENS' KSHPLGHPNS	27	8682
>SETD2_ENS' KSDPLGHPNS	15824	>SETD2_ENS' KSHPLGHPNS	468	15356
>SETD2_ENS' HTDVKSDPL	1596	>SETD2_ENS' HTDVKSHPL	387	1209
>SETD2_ENS' HTDVKSDPLC	305	>SETD2_ENS' HTDVKSHPLC	167	138
>SETD2_ENS' HTDVKSDPL	1099	>SETD2_ENS' HTDVKSHPL	366	733
>SETD2_ENS' HTDVKSDPL	687	>SETD2_ENS' HTDVKSHPL	39	648
>SETD2_ENS' HTDVKSDPL	63	>SETD2_ENS' HTDVKSHPL	12	51
>SETD2_ENS' HTDVKSDPL	4517	>SETD2_ENS' HTDVKSHPL	382	4135
>SETD2_ENS' SHTDVKSDPL	275	>SETD2_ENS' SHTDVKSHPL	73	202
>SETD2_ENS' TSHTDVKSDP	609	>SETD2_ENS' TSHTDVKSHP	287	322
>SETD2_ENS' TSHTDVKSDP	389	>SETD2_ENS' TSHTDVKSHP	96	293
>SETD2_ENS' GSELTFDY	60	>SETD2_ENS' VSELTFDY	21	39
>SETD2_ENS' GSELTFDYQF	1292	>SETD2_ENS' VSELTFDYQF	415	877
>SETD2_ENS' GSELTFDY	338	>SETD2_ENS' VSELTFDY	536	198
>SETD2_ENS' GSELTFDYQF	177	>SETD2_ENS' VSELTFDYQF	155	22
>SETD2_ENS' GSELTFDY	452	>SETD2_ENS' VSELTFDY	240	212
>SETD2_ENS' GSELTFDYQF	1318	>SETD2_ENS' VSELTFDYQF	480	838
>SETD2_ENS' GSELTFDY	256	>SETD2_ENS' VSELTFDY	52	204
>SETD2_ENS' GSELTFDYQF	77	>SETD2_ENS' VSELTFDYQF	24	53
>SETD2_ENS' GSELTFDYQF	1280	>SETD2_ENS' VSELTFDYQF	327	953
>SETD2_ENS' GSELTFDY	1145	>SETD2_ENS' VSELTFDY	472	673
>SETD2_ENS' GSELTFDY	452	>SETD2_ENS' VSELTFDY	867	415
>SETD2_ENS' SGSELTFDY	6285	>SETD2_ENS' SVSELTFDY	251	6034
>SETD2_ENS' SGSELTFDY	3580	>SETD2_ENS' SVSELTFDY	31	3549
>SETD2_ENS' SGSELTFDY	142	>SETD2_ENS' SVSELTFDY	15	127
>SETD2_ENS' SGSELTFDYQ	4077	>SETD2_ENS' SVSELTFDYQ	204	3873
>SETD2_ENS' SGSELTFDY	88	>SETD2_ENS' SVSELTFDY	45	43
>SETD2_ENS' SGSELTFDYQ	5116	>SETD2_ENS' SVSELTFDYQ	58	5058
>SETD2_ENS' SGSELTFDY	57	>SETD2_ENS' SVSELTFDY	5	52
>SETD2_ENS' SGSELTFDYQ	1670	>SETD2_ENS' SVSELTFDYQ	356	1314
>SETD2_ENS' SGSELTFDY	290	>SETD2_ENS' SVSELTFDY	113	177
>SETD2_ENS' SGSELTFDYQ	465	>SETD2_ENS' SVSELTFDYQ	154	311
>SETD2_ENS' SGSELTFDY	679	>SETD2_ENS' SVSELTFDY	133	546
>SETD2_ENS' SGSELTFDYQ	942	>SETD2_ENS' SVSELTFDYQ	215	727

>SETD2_ENS' SGSELTFDY	2472	>SETD2_ENS' SVSELTFDY	462	2010
>SETD2_ENS' GFFTTKLVPSC	23615	>SETD2_ENS' GFFTTKLVPSC	201	23414
>SETD2_ENS' GFFTTKLVPSC	35417	>SETD2_ENS' GFFTTKLVPSC	436	34981
>SETD2_ENS' PSGSELTF	6962	>SETD2_ENS' PSVSELTF	423	6539
>SETD2_ENS' PSGSELTFDY	1639	>SETD2_ENS' PSVSELTFDY	81	1558
>SETD2_ENS' PSGSELTF	1303	>SETD2_ENS' PSVSELTF	222	1081
>SETD2_ENS' PSGSELTF	1343	>SETD2_ENS' PSVSELTF	88	1255
>SETD2_ENS' VPSGSELTF	100	>SETD2_ENS' VPSVSELTF	388	288
>SETD2_ENS' VPSGSELTFD'	493	>SETD2_ENS' VPSVSELTFD'	883	390
>SETD2_ENS' VPSGSELTF	364	>SETD2_ENS' VPSVSELTF	1408	1044
>SETD2_ENS' VPSGSELTF	679	>SETD2_ENS' VPSVSELTF	237	442
>SETD2_ENS' VPSGSELTF	14	>SETD2_ENS' VPSVSELTF	19	5
>SETD2_ENS' VPSGSELTFD'	13	>SETD2_ENS' VPSVSELTFD'	16	3
>SETD2_ENS' VPSGSELTF	58	>SETD2_ENS' VPSVSELTF	52	6
>SETD2_ENS' VPSGSELTFD'	56	>SETD2_ENS' VPSVSELTFD'	50	6
>SETD2_ENS' VPSGSELTF	202	>SETD2_ENS' VPSVSELTF	136	66
>SETD2_ENS' VPSGSELTFD'	158	>SETD2_ENS' VPSVSELTFD'	111	47
>SETD2_ENS' VPSGSELTF	122	>SETD2_ENS' VPSVSELTF	95	27
>SETD2_ENS' VPSGSELTFD'	440	>SETD2_ENS' VPSVSELTFD'	352	88
>SETD2_ENS' LVPSGSEL	699	>SETD2_ENS' LVPSVSEL	156	543
>SETD2_ENS' LVPSGSEL	875	>SETD2_ENS' LVPSVSEL	363	512
>SETD2_ENS' LVPSGSEL	802	>SETD2_ENS' LVPSVSEL	415	387
>SETD2_ENS' LVPSGSEL	175	>SETD2_ENS' LVPSVSEL	213	38
>SETD2_ENS' LVPSGSELTF	97	>SETD2_ENS' LVPSVSELTF	85	12
>SETD2_ENS' LVPSGSEL	873	>SETD2_ENS' LVPSVSEL	111	762
>SETD2_ENS' LVPSGSELTF	254	>SETD2_ENS' LVPSVSELTF	356	102
>SETD2_ENS' LVPSGSEL	20	>SETD2_ENS' LVPSVSEL	204	184
>SETD2_ENS' LVPSGSELTF	232	>SETD2_ENS' LVPSVSELTF	104	128
>SETD2_ENS' LVPSGSELTF	444	>SETD2_ENS' LVPSVSELTF	473	29
>SETD2_ENS' KLVPSGSEL	449	>SETD2_ENS' KLVPSVSEL	36	413
>SETD2_ENS' KLVPSGSEL	20	>SETD2_ENS' KLVPSVSEL	6	14
>SETD2_ENS' KLVPSGSELT	541	>SETD2_ENS' KLVPSVSELT	258	283
>SETD2_ENS' KLVPSGSEL	20	>SETD2_ENS' KLVPSVSEL	5	15
>SETD2_ENS' KLVPSGSELT	447	>SETD2_ENS' KLVPSVSELT	396	51
>SETD2_ENS' KLVPSGSEL	102	>SETD2_ENS' KLVPSVSEL	25	77
>SETD2_ENS' KLVPSGSEL	21	>SETD2_ENS' KLVPSVSEL	6	15
>SETD2_ENS' KLVPSGSELT	795	>SETD2_ENS' KLVPSVSELT	228	567
>SETD2_ENS' KLVPSGSEL	25	>SETD2_ENS' KLVPSVSEL	13	12
>SETD2_ENS' KLVPSGSEL	60	>SETD2_ENS' KLVPSVSEL	16	44
>SETD2_ENS' KLVPSGSEL	1582	>SETD2_ENS' KLVPSVSEL	71	1511
>SETD2_ENS' KLVPSGSEL	5	>SETD2_ENS' KLVPSVSEL	3	2
>SETD2_ENS' KLVPSGSELT	169	>SETD2_ENS' KLVPSVSELT	142	27
>SETD2_ENS' KLVPSGSELTF	422	>SETD2_ENS' KLVPSVSELTF	287	135



>SETD2_ENS' KLVPSGSELTF	109	>SETD2_ENS' KLVPSVSELTF	56	53
>SETD2_ENS' KLVPSGSEL	391	>SETD2_ENS' KLVPSVSEL	379	12
>SETD2_ENS' KLVPSGSELTF	68	>SETD2_ENS' KLVPSVSELTF	67	1
>SETD2_ENS' KLVPSGSELTF	393	>SETD2_ENS' KLVPSVSELTF	993	600
>SETD2_ENS' KLVPSGSEL	61	>SETD2_ENS' KLVPSVSEL	73	12
>SETD2_ENS' KLVPSGSELTF	10	>SETD2_ENS' KLVPSVSELTF	9	1
>SETD2_ENS' KLVPSGSEL	15	>SETD2_ENS' KLVPSVSEL	14	1
>SETD2_ENS' KLVPSGSELTF	5	>SETD2_ENS' KLVPSVSELTF	5	0
>SETD2_ENS' KLVPSGSELTF	86	>SETD2_ENS' KLVPSVSELTF	36	50
>SETD2_ENS' KLVPSGSEL	437	>SETD2_ENS' KLVPSVSEL	1119	682
>SETD2_ENS' KLVPSGSELTF	283	>SETD2_ENS' KLVPSVSELTF	461	178
>SETD2_ENS' TKLVPSGSEL	51	>SETD2_ENS' TKLVPSVSEL	20	31
>SETD2_ENS' TKLVPSGSEL	651	>SETD2_ENS' TKLVPSVSEL	164	487
>SETD2_ENS' TTKLVPSG	20797	>SETD2_ENS' TTKLVPSV	329	20468
>SETD2_ENS' TTKLVPSG	1258	>SETD2_ENS' TTKLVPSV	169	1089
>SETD2_ENS' TTKLVPSG	14828	>SETD2_ENS' TTKLVPSV	165	14663
>SETD2_ENS' TTKLVPSGSEI	511	>SETD2_ENS' TTKLVPSVSEI	235	276
>SETD2_ENS' TTKLVPSG	19042	>SETD2_ENS' TTKLVPSV	406	18636
>SETD2_ENS' TTKLVPSGSEI	57	>SETD2_ENS' TTKLVPSVSEI	61	4
>SETD2_ENS' TTKLVPSGS	2276	>SETD2_ENS' TTKLVPSVS	382	1894
>SETD2_ENS' TTKLVPSGSEI	30	>SETD2_ENS' TTKLVPSVSEI	30	0
>SETD2_ENS' FTTKLVPSPG	18701	>SETD2_ENS' FTTKLVPSPV	29	18672
>SETD2_ENS' FTTKLVPSPG	9138	>SETD2_ENS' FTTKLVPSPV	37	9101
>SETD2_ENS' FTTKLVPSPG	14490	>SETD2_ENS' FTTKLVPSPV	21	14469
>SETD2_ENS' FTTKLVPSPG	7335	>SETD2_ENS' FTTKLVPSPV	7	7328
>SETD2_ENS' FTTKLVPSPG	11913	>SETD2_ENS' FTTKLVPSPV	16	11897
>SETD2_ENS' FTTKLVPSPG	19793	>SETD2_ENS' FTTKLVPSPV	234	19559
>SETD2_ENS' FTTKLVPSPG	15136	>SETD2_ENS' FTTKLVPSPV	10	15126
>SETD2_ENS' FTTKLVPSPG	23855	>SETD2_ENS' FTTKLVPSPV	7	23848
>SETD2_ENS' FTTKLVPSPG	8787	>SETD2_ENS' FTTKLVPSPV	74	8713
>SETD2_ENS' FTTKLVPSPG	11402	>SETD2_ENS' FTTKLVPSPV	10	11392
>SETD2_ENS' FTTKLVPSPG	2945	>SETD2_ENS' FTTKLVPSPV	104	2841
>SETD2_ENS' FTTKLVPSPG	6678	>SETD2_ENS' FTTKLVPSPV	356	6322
>SETD2_ENS' FFTTKLVPSG	22777	>SETD2_ENS' FFTTKLVPSV	252	22525
>SETD2_ENS' FFTTKLVPSG	29221	>SETD2_ENS' FFTTKLVPSV	31	29190
>SETD2_ENS' IIKTLEHLPI	480	>SETD2_ENS' NIKTLEHLPI	1267	787
>SETD2_ENS' IIKTLEHLPI	244	>SETD2_ENS' NIKTLEHLPI	538	294
>SETD2_ENS' IIKTLEHLPI	171	>SETD2_ENS' NIKTLEHLPI	2008	1837
>SETD2_ENS' EIIKTLEH	142	>SETD2_ENS' ENIKTLEH	5260	5118
>SETD2_ENS' EIIKTLEHL	3	>SETD2_ENS' ENIKTLEHL	62	59
>SETD2_ENS' EIIKTLEHLPI	80	>SETD2_ENS' ENIKTLEHLPI	3980	3900
>SETD2_ENS' EIIKTLEHL	93	>SETD2_ENS' ENIKTLEHL	2097	2004
>SETD2_ENS' EIIKTLEHLPI	91	>SETD2_ENS' ENIKTLEHLPI	1815	1724

>SETD2_ENS' EIIKTLEHL	125	>SETD2_ENS' ENIKTLEHL	7801	7676
>SETD2_ENS' EIIKTLEHLPI	33	>SETD2_ENS' ENIKTLEHLPI	2651	2618
>SETD2_ENS' RESNQKLQEE	50	>SETD2_ENS' RESNQKLQEE	26880	26830
>SETD2_ENS' RESNQKLQEE	40	>SETD2_ENS' RESNQKLQEE	5720	5680
>SETD2_ENS' RESNQKLQEE	67	>SETD2_ENS' RESNQKLQEE	2295	2228
>SETD2_ENS' RESNQKLQEE	11	>SETD2_ENS' RESNQKLQEE	4613	4602
>SETD2_ENS' EIIKTLEHL	465	>SETD2_ENS' EENIKTLEHL	281	184
>SETD2_ENS' EIIKTLEHL	453	>SETD2_ENS' EENIKTLEHL	602	149
>SETD2_ENS' EIIKTLEHL	189	>SETD2_ENS' EENIKTLEHL	682	493
>SETD2_ENS' QEIIKT	17	>SETD2_ENS' QEENIKTL	29	12
>SETD2_ENS' QEIIKTLEHL	134	>SETD2_ENS' QEENIKLEHI	227	93
>SETD2_ENS' QEIIKT	68	>SETD2_ENS' QEENIKTL	44	24
>SETD2_ENS' QEIIKTLEHL	54	>SETD2_ENS' QEENIKLEHI	31	23
>SETD2_ENS' QEIIKTLEHL	177	>SETD2_ENS' QEENIKLEHI	230	53
>SETD2_ENS' LQEIIKT	63	>SETD2_ENS' LQEENIKTL	235	172
>SETD2_ENS' KLQEIIKT	180	>SETD2_ENS' KLQEENIKT	793	613
>SETD2_ENS' KLQEIIKT	96	>SETD2_ENS' KLQEENIKTL	162	66
>SETD2_ENS' KLQEIIKT	115	>SETD2_ENS' KLQEENIKTL	223	108
>SETD2_ENS' KLQEIIKT	51	>SETD2_ENS' KLQEENIKT	472	421
>SETD2_ENS' KLQEIIKT	4	>SETD2_ENS' KLQEENIKTL	9	5
>SETD2_ENS' KLQEIIKT	230	>SETD2_ENS' KLQEENIKT	842	612
>SETD2_ENS' KLQEIIKT	5	>SETD2_ENS' KLQEENIKTL	7	2
>SETD2_ENS' KLQEIIKT	33	>SETD2_ENS' KLQEENIKTL	80	47
>SETD2_ENS' KLQEIIKT	47	>SETD2_ENS' KLQEENIKTL	119	72
>SETD2_ENS' KLQEIIKT	57	>SETD2_ENS' KLQEENIKT	464	407
>SETD2_ENS' KLQEIIKT	4	>SETD2_ENS' KLQEENIKTL	6	2
>SETD2_ENS' KLQEIIK	181	>SETD2_ENS' KLQEENIK	609	428
>SETD2_ENS' KLQEIIK	138	>SETD2_ENS' KLQEENIK	494	356
>SETD2_ENS' KLQEIIKT	56	>SETD2_ENS' KLQEENIKTL	64	8
>SETD2_ENS' QKLQEEII	412	>SETD2_ENS' QKLQEENI	454	42
>SETD2_ENS' QKLQEEIIKT	94	>SETD2_ENS' QKLQEENIKT	69	25
>SETD2_ENS' ISDATSELEGG	226	>SETD2_ENS' IFDATSELEGG	4792	4566
>SETD2_ENS' ISDATSEL	15	>SETD2_ENS' IFDATSEL	23531	23516
>SETD2_ENS' ISDATSEL	337	>SETD2_ENS' IFDATSEL	19296	18959
>SETD2_ENS' ISENSMDSAII	16798	>SETD2_ENS' ISENSMDSAII	173	16625
>SETD2_ENS' ISENSMDSAII	7730	>SETD2_ENS' ISENSMDSAII	7	7723
>SETD2_ENS' ISENSMDSAII	10507	>SETD2_ENS' ISENSMDSAII	401	10106
>SETD2_ENS' ISENSMDSAII	2687	>SETD2_ENS' ISENSMDSAII	14	2673
>SETD2_ENS' AISDATSEL	8785	>SETD2_ENS' AIFDATSEL	456	8329
>SETD2_ENS' AISDATSEL	240	>SETD2_ENS' AIFDATSEL	29	211
>SETD2_ENS' AISDATSEL	7	>SETD2_ENS' AIFDATSEL	4	3
>SETD2_ENS' AISDATSEL	16	>SETD2_ENS' AIFDATSEL	11	5
>SETD2_ENS' AISDATSEL	84	>SETD2_ENS' AIFDATSEL	18	66

>SETD2_ENS' AISDATSEL	317	>SETD2_ENS' AIFDATSEL	15	302
>SETD2_ENS' AISDATSEL	1058	>SETD2_ENS' AIFDATSEL	156	902
>SETD2_ENS' AISDATSEL	352	>SETD2_ENS' AIFDATSEL	28	324
>SETD2_ENS' AISDATSEL	218	>SETD2_ENS' AIFDATSEL	199	19
>SETD2_ENS' AISDATSEL	5	>SETD2_ENS' AIFDATSEL	3	2
>SETD2_ENS' AISDATSEL	4042	>SETD2_ENS' AIFDATSEL	226	3816
>SETD2_ENS' AISDATSEL	643	>SETD2_ENS' AIFDATSEL	128	515
>SETD2_ENS' AISDATSEL	1292	>SETD2_ENS' AIFDATSEL	385	907
>SETD2_ENS' AISDATSEL	2686	>SETD2_ENS' AIFDATSEL	443	2243
>SETD2_ENS' AISDATSEL	2020	>SETD2_ENS' AIFDATSEL	248	1772
>SETD2_ENS' AISDATSEL	2115	>SETD2_ENS' AIFDATSEL	470	1645
>SETD2_ENS' SAISDATSEL	174	>SETD2_ENS' SAIFDATSEL	591	417
>SETD2_ENS' SAISDATSEL	255	>SETD2_ENS' SAIFDATSEL	812	557
>SETD2_ENS' SAISDATSEL	448	>SETD2_ENS' SAIFDATSEL	540	92
>SETD2_ENS' SAISDATSEL	142	>SETD2_ENS' SAIFDATSEL	150	8
>SETD2_ENS' DSAISDATSEL	149	>SETD2_ENS' DSAIFDATSEL	70	79
>SETD2_ENS' DSAISDATSEL	172	>SETD2_ENS' DSAIFDATSEL	450	278
>SETD2_ENS' SMDSAISDA	398	>SETD2_ENS' SMDSAIFDA	19	379
>SETD2_ENS' SMDSAISDA	623	>SETD2_ENS' SMDSAIFDA	137	486
>SETD2_ENS' SMDSAISDAT	373	>SETD2_ENS' SMDSAIFDAT	202	171
>SETD2_ENS' SMDSAISDA	86	>SETD2_ENS' SMDSAIFDA	287	201
>SETD2_ENS' SMDSAISDAT	630	>SETD2_ENS' SMDSAIFDAT	303	327
>SETD2_ENS' SMDSAISDA	666	>SETD2_ENS' SMDSAIFDA	47	619
>SETD2_ENS' SMDSAISDA	41	>SETD2_ENS' SMDSAIFDA	10	31
>SETD2_ENS' SMDSAISDAT	73	>SETD2_ENS' SMDSAIFDAT	41	32
>SETD2_ENS' SMDSAISDAT	414	>SETD2_ENS' SMDSAIFDAT	158	256
>SETD2_ENS' SMDSAISDA	157	>SETD2_ENS' SMDSAIFDA	25	132
>SETD2_ENS' SMDSAISDAT	683	>SETD2_ENS' SMDSAIFDAT	430	253
>SETD2_ENS' SMDSAISDA	17	>SETD2_ENS' SMDSAIFDA	7	10
>SETD2_ENS' SMDSAISDAT	130	>SETD2_ENS' SMDSAIFDAT	88	42
>SETD2_ENS' SMDSAISDAT	985	>SETD2_ENS' SMDSAIFDAT	406	579
>SETD2_ENS' SMDSAISDA	1728	>SETD2_ENS' SMDSAIFDA	79	1649
>SETD2_ENS' SMDSAISDA	32	>SETD2_ENS' SMDSAIFDA	15	17
>SETD2_ENS' NSMDSAISD/	639	>SETD2_ENS' NSMDSAIFD/	358	281
>SETD2_ENS' NSMDSAISD/	780	>SETD2_ENS' NSMDSAIFD/	422	358
>SETD2_ENS' NSMDSAIS	16645	>SETD2_ENS' NSMDSAIF	266	16379
>SETD2_ENS' NSMDSAIS	15522	>SETD2_ENS' NSMDSAIF	57	15465
>SETD2_ENS' NSMDSAIS	12815	>SETD2_ENS' NSMDSAIF	9	12806
>SETD2_ENS' NSMDSAIS	13012	>SETD2_ENS' NSMDSAIF	375	12637
>SETD2_ENS' SENSMDSAIS	18665	>SETD2_ENS' SENSMDSAIF	346	18319
>SETD2_ENS' SENSMDSAIS	18790	>SETD2_ENS' SENSMDSAIF	132	18658
>SETD2_ENS' SENSMDSAIS	9266	>SETD2_ENS' SENSMDSAIF	86	9180
>SETD2_ENS' SENSMDSAIS	7280	>SETD2_ENS' SENSMDSAIF	132	7148

>SETD2_ENS`SENSMDSAIS	1063	>SETD2_ENS`SENSMDSAIF	448	615
>SFPQ-P444`PVIVEPLEQL	5477	>SFPQ-P444`SVIVEPLEQL	304	5173
>SFPQ-P444`PVIVEPLEQL	11677	>SFPQ-P444`SVIVEPLEQL	217	11460
>SFPQ-P444`PVIVEPLEQL	403	>SFPQ-P444`SVIVEPLEQL	110	293
>SFPQ-P444`RPVIVEPL	11521	>SFPQ-P444`RSVIVEPL	237	11284
>SFPQ-P444`RPVIVEPL	29	>SFPQ-P444`RSVIVEPL	18299	18270
>SFPQ-P444`RPVIVEPLEQI	154	>SFPQ-P444`RSVIVEPLEQI	23552	23398
>SFPQ-P444`RPVIVEPL	12961	>SFPQ-P444`RSVIVEPL	5	12956
>SFPQ-P444`RPVIVEPLEQI	8825	>SFPQ-P444`RSVIVEPLEQI	6	8819
>SFPQ-P444`RPVIVEPL	369	>SFPQ-P444`RSVIVEPL	12644	12275
>SFPQ-P444`RPVIVEPL	19651	>SFPQ-P444`RSVIVEPL	102	19549
>SFPQ-P444`RPVIVEPLEQI	18154	>SFPQ-P444`RSVIVEPLEQI	45	18109
>SFPQ-P444`RPVIVEPLEQI	5825	>SFPQ-P444`RSVIVEPLEQI	287	5538
>SFPQ-P444`RPVIVEPLEQI	8756	>SFPQ-P444`RSVIVEPLEQI	353	8403
>SFPQ-P444`TPRPVIVEPL	55	>SFPQ-P444`TPRSVIVEPL	22	33
>SFPQ-P444`TTPRPVIVEPL	82	>SFPQ-P444`TTPRSVIVEPL	121	39
>SFPQ-P444`TTPRPVIVEPL	447	>SFPQ-P444`TTPRSVIVEPL	612	165
>SFPQ-P444`TTPRPVIV	18	>SFPQ-P444`TTPRSVIV	21	3
>SFPQ-P444`TTPRPVIVEPL	9	>SFPQ-P444`TTPRSVIVEPL	13	4
>SFPQ-P444`TTPRPVIV	6	>SFPQ-P444`TTPRSVIV	6	0
>SFPQ-P444`TTPRPVIVE	62	>SFPQ-P444`TTPRSVIVE	88	26
>SFPQ-P444`TTPRPVIVEP	190	>SFPQ-P444`TTPRSVIVEP	261	71
>SFPQ-P444`TTPRPVIVEPL	3	>SFPQ-P444`TTPRSVIVEPL	3	0
>SFPQ-P444`TTTTPRPVIV	524	>SFPQ-P444`TTTTPRSVIV	429	95
>SFPQ-P444`TTTTPRPVI	185	>SFPQ-P444`TTTTPRSVI	34	151
>SFPQ-P444`TTTTPRPVIV	42	>SFPQ-P444`TTTTPRSVIV	24	18
>SFPQ-P444`TTTTPRPVI	315	>SFPQ-P444`TTTTPRSVI	141	174
>SFPQ-P444`TTTTPRPVIV	423	>SFPQ-P444`TTTTPRSVIV	94	329
>SFPQ-P444`TTTTPRPVI	784	>SFPQ-P444`TTTTPRSVI	441	343
>SFPQ-P444`TTTTPRPVI	29	>SFPQ-P444`TTTTPRSVI	21	8
>SFPQ-P444`LTTTTPRPVIV	216	>SFPQ-P444`LTTTTPRSVIV	263	47
>SFPQ-P444`LTTTTPRPV	56	>SFPQ-P444`LTTTTPRSV	109	53
>SFPQ-P444`LTTTTPRPVI	1549	>SFPQ-P444`LTTTTPRSVI	120	1429
>SFPQ-P444`LTTTTPRPVIV	1395	>SFPQ-P444`LTTTTPRSVIV	188	1207
>SFPQ-P444`LTTTTPRPV	389	>SFPQ-P444`LTTTTPRSV	1398	1009
>SFPQ-P444`LTTTTPRPVI	766	>SFPQ-P444`LTTTTPRSVI	371	395
>SFPQ-P444`LTTTTPRPVI	74	>SFPQ-P444`LTTTTPRSVI	99	25
>SFPQ-P444`LTTTTPRPVIV	157	>SFPQ-P444`LTTTTPRSVIV	85	72
>SFPQ-P444`LTTTTPRPVI	127	>SFPQ-P444`LTTTTPRSVI	6	121
>SFPQ-P444`LTTTTPRPVIV	35	>SFPQ-P444`LTTTTPRSVIV	42	7
>SFPQ-P444`LTTTTPRPVI	21	>SFPQ-P444`LTTTTPRSVI	15	6
>SFPQ-P444`LLTTTTPRPVIV	294	>SFPQ-P444`LLTTTTPRSVIV	334	40
>SFPQ-P444`LLTTTTPRPV	342	>SFPQ-P444`LLTTTTPRSV	422	80

>SFPQ-P444\$ LLTTTPRPVI	241	>SFPQ-P444\$ LLTTTPRSVI	115	126
>SFPQ-P444\$ LLTTTPRPVIV	231	>SFPQ-P444\$ LLTTTPRSVIV	126	105
>SFPQ-P444\$ LLTTTPRPV	10	>SFPQ-P444\$ LLTTTPRSV	14	4
>SFPQ-P444\$ LLTTTPRPVI	390	>SFPQ-P444\$ LLTTTPRSVI	123	267
>SFPQ-P444\$ LLTTTPRPVIV	22	>SFPQ-P444\$ LLTTTPRSVIV	25	3
>SFPQ-P444\$ LLTTTPRPV	7	>SFPQ-P444\$ LLTTTPRSV	8	1
>SFPQ-P444\$ LLTTTPRPVI	194	>SFPQ-P444\$ LLTTTPRSVI	329	135
>SFPQ-P444\$ LLTTTPRPVIV	17	>SFPQ-P444\$ LLTTTPRSVIV	24	7
>SFPQ-P444\$ LLTTTPRPV	15	>SFPQ-P444\$ LLTTTPRSV	26	11
>SFPQ-P444\$ LLTTTPRPVIV	15	>SFPQ-P444\$ LLTTTPRSVIV	13	2
>SFPQ-P444\$ LLTTTPRPV	32	>SFPQ-P444\$ LLTTTPRSV	45	13
>SFPQ-P444\$ LLTTTPRPVI	492	>SFPQ-P444\$ LLTTTPRSVI	1892	1400
>SFPQ-P444\$ LLTTTPRPVIV	20	>SFPQ-P444\$ LLTTTPRSVIV	20	0
>SFPQ-P444\$ LLTTTPRPV	163	>SFPQ-P444\$ LLTTTPRSV	74	89
>SFPQ-P444\$ LLTTTPRPVIV	78	>SFPQ-P444\$ LLTTTPRSVIV	56	22
>SFPQ-P444\$ LLTTTPRPV	4	>SFPQ-P444\$ LLTTTPRSV	3	1
>SFPQ-P444\$ LLTTTPRPVI	42	>SFPQ-P444\$ LLTTTPRSVI	43	1
>SFPQ-P444\$ LLTTTPRPVIV	5	>SFPQ-P444\$ LLTTTPRSVIV	3	2
>SFPQ-P444\$ LLTTTPRPVI	1090	>SFPQ-P444\$ LLTTTPRSVI	221	869
>SFPQ-P444\$ FLLTTTPRP	6949	>SFPQ-P444\$ FLLTTTPRS	229	6720
>SFPQ-P444\$ FLLTTTPRPV	10	>SFPQ-P444\$ FLLTTTPRSV	10	0
>SFPQ-P444\$ FLLTTTPRPVI	18	>SFPQ-P444\$ FLLTTTPRSVI	46	28
>SFPQ-P444\$ FLLTTTPRPV	11	>SFPQ-P444\$ FLLTTTPRSV	13	2
>SFPQ-P444\$ FLLTTTPRPVI	197	>SFPQ-P444\$ FLLTTTPRSVI	126	71
>SFPQ-P444\$ FLLTTTPRPV	6	>SFPQ-P444\$ FLLTTTPRSV	6	0
>SFPQ-P444\$ FLLTTTPRPVI	70	>SFPQ-P444\$ FLLTTTPRSVI	26	44
>SFPQ-P444\$ FLLTTTPRPV	18	>SFPQ-P444\$ FLLTTTPRSV	20	2
>SFPQ-P444\$ FLLTTTPRPVI	24	>SFPQ-P444\$ FLLTTTPRSVI	68	44
>SFPQ-P444\$ FLLTTTPRP	320	>SFPQ-P444\$ FLLTTTPRS	48	272
>SFPQ-P444\$ FLLTTTPRPV	1	>SFPQ-P444\$ FLLTTTPRSV	1	0
>SFPQ-P444\$ FLLTTTPRPVI	4	>SFPQ-P444\$ FLLTTTPRSVI	5	1
>SFPQ-P444\$ FLLTTTPRPV	2	>SFPQ-P444\$ FLLTTTPRSV	3	1
>SFPQ-P444\$ FLLTTTPRPVI	11	>SFPQ-P444\$ FLLTTTPRSVI	10	1
>SFPQ-P444\$ FLLTTTPRP	925	>SFPQ-P444\$ FLLTTTPRS	123	802
>SFPQ-P444\$ FLLTTTPRPV	4	>SFPQ-P444\$ FLLTTTPRSV	5	1
>SFPQ-P444\$ FLLTTTPRPVI	8	>SFPQ-P444\$ FLLTTTPRSVI	17	9
>SFPQ-P444\$ FLLTTTPRP	5322	>SFPQ-P444\$ FLLTTTPRS	484	4838
>SFPQ-P444\$ FLLTTTPRPV	2	>SFPQ-P444\$ FLLTTTPRSV	2	0
>SFPQ-P444\$ FLLTTTPRPVI	13	>SFPQ-P444\$ FLLTTTPRSVI	25	12
>SFPQ-P444\$ FLLTTTPRP	284	>SFPQ-P444\$ FLLTTTPRS	26	258
>SFPQ-P444\$ FLLTTTPRPV	2	>SFPQ-P444\$ FLLTTTPRSV	2	0
>SFPQ-P444\$ FLLTTTPRPVI	5	>SFPQ-P444\$ FLLTTTPRSVI	5	0
>SFPQ-P444\$ FLLTTTPRPV	24	>SFPQ-P444\$ FLLTTTPRSV	68	44

>SFPQ-P444\$ FLLTTTTPRVI	151	>SFPQ-P444\$ FLLTTTTPRSVI	519	368
>SFPQ-P444\$ FLLTTTTPRPV	152	>SFPQ-P444\$ FLLTTTTPRSV	168	16
>SFPQ-P444\$ FLLTTTTPRVI	196	>SFPQ-P444\$ FLLTTTTPRSVI	90	106
>SH3GL1-Y2\$ YHRQAVQI	291	>SH3GL1-Y2\$ DHRQAVQI	9364	9073
>SH3GL1-Y2\$ YHRQAVQIL	43	>SH3GL1-Y2\$ DHRQAVQIL	3357	3314
>SH3GL1-Y2\$ YHRQAVQIL	226	>SH3GL1-Y2\$ DHRQAVQIL	629	403
>SH3GL1-Y2\$ YHRQAVQIL	60	>SH3GL1-Y2\$ DHRQAVQIL	2675	2615
>SH3GL1-Y2\$ YHRQAVQI	106	>SH3GL1-Y2\$ DHRQAVQI	4439	4333
>SH3GL1-Y2\$ DYHRQAVQI	71	>SH3GL1-Y2\$ DDHRQAVQI	26301	26230
>SH3GL1-Y2\$ DYHRQAVQII	123	>SH3GL1-Y2\$ DDHRQAVQII	26776	26653
>SH3GL1-Y2\$ DYHRQAVQI	20545	>SH3GL1-Y2\$ DDHRQAVQI	260	20285
>SH3GL1-Y2\$ LSALVDAQLD	28	>SH3GL1-Y2\$ LSALVDAQLD	20524	20496
>SH3GL1-Y2\$ LSALVDAQLD	43	>SH3GL1-Y2\$ LSALVDAQLD	24255	24212
>SH3GL1-Y2\$ LSALVDAQLD	134	>SH3GL1-Y2\$ LSALVDAQLD	29539	29405
>SH3GL1-Y2\$ LSALVDAQLD	392	>SH3GL1-Y2\$ LSALVDAQLD	21226	20834
>SH3GL1-Y2\$ LSALVDAQLD	15	>SH3GL1-Y2\$ LSALVDAQLD	18923	18908
>SH3GL1-Y2\$ LSALVDAQLD	284	>SH3GL1-Y2\$ LSALVDAQLD	23599	23315
>SH3GL1-Y2\$ LSALVDAQLD	48	>SH3GL1-Y2\$ LSALVDAQLD	14880	14832
>SH3GL1-Y2\$ LSALVDAQLD	439	>SH3GL1-Y2\$ LSALVDAQLD	26272	25833
>SH3GL1-Y2\$ LDYHRQAVQ	27	>SH3GL1-Y2\$ LDDHRQAVQ	708	681
>SH3GL1-Y2\$ LDYHRQAV	367	>SH3GL1-Y2\$ LDDHRQAV	750	383
>SH3GL1-Y2\$ LDYHRQAVQ	45	>SH3GL1-Y2\$ LDDHRQAVQ	71	26
>SH3GL1-Y2\$ QLDYHRQAV	1561	>SH3GL1-Y2\$ QLDDHRQAV	276	1285
>SH3GL1-Y2\$ QLDYHRQAV	213	>SH3GL1-Y2\$ QLDDHRQAV	91	122
>SH3GL1-Y2\$ QLDYHRQAV	999	>SH3GL1-Y2\$ QLDDHRQAV	364	635
>SH3GL1-Y2\$ QLDYHRQAV	635	>SH3GL1-Y2\$ QLDDHRQAV	182	453
>SH3GL1-Y2\$ QLDYHRQAV	603	>SH3GL1-Y2\$ QLDDHRQAV	143	460
>SH3GL1-Y2\$ QLDYHRQA	2029	>SH3GL1-Y2\$ QLDDHRQA	281	1748
>SH3GL1-Y2\$ QLDYHRQAV	152	>SH3GL1-Y2\$ QLDDHRQAV	11	141
>SH3GL1-Y2\$ QLDYHRQAV	746	>SH3GL1-Y2\$ QLDDHRQAV	59	687
>SH3GL1-Y2\$ QLDYHRQAV	217	>SH3GL1-Y2\$ QLDDHRQAV	61	156
>SH3GL1-Y2\$ QLDYHRQAV	1238	>SH3GL1-Y2\$ QLDDHRQAV	418	820
>SH3GL1-Y2\$ QLDYHRQAV	1284	>SH3GL1-Y2\$ QLDDHRQAV	107	1177
>SH3GL1-Y2\$ QLDYHRQAV	2862	>SH3GL1-Y2\$ QLDDHRQAV	205	2657
>SH3GL1-Y2\$ QLDYHRQA	2128	>SH3GL1-Y2\$ QLDDHRQA	89	2039
>SH3GL1-Y2\$ QLDYHRQAV	24	>SH3GL1-Y2\$ QLDDHRQAV	3	21
>SH3GL1-Y2\$ QLDYHRQAV	556	>SH3GL1-Y2\$ QLDDHRQAV	23	533
>SH3GL1-Y2\$ QLDYHRQAV	245	>SH3GL1-Y2\$ QLDDHRQAV	972	727
>SH3GL1-Y2\$ QLDYHRQAV	1153	>SH3GL1-Y2\$ QLDDHRQAV	258	895
>SH3GL1-Y2\$ AQLDYHRQA	472	>SH3GL1-Y2\$ AQLDDHRQA	504	32
>SH3GL1-Y2\$ AQLDYHRQA	151	>SH3GL1-Y2\$ AQLDDHRQA	266	115
>SH3GL1-Y2\$ AQLDYHRQA	419	>SH3GL1-Y2\$ AQLDDHRQA	390	29
>SH3GL1-Y2\$ AQLDYHRQA	314	>SH3GL1-Y2\$ AQLDDHRQA	1373	1059

>SH3GL1-Y22AQLDYHRQA	33	>SH3GL1-Y22AQLDDHRQA	40	7
>SH3GL1-Y22AQLDYHRQA	229	>SH3GL1-Y22AQLDDHRQA	153	76
>SH3GL1-Y22AQLDYHRQA	108	>SH3GL1-Y22AQLDDHRQA	68	40
>SH3GL1-Y22AQLDYHRQA	24	>SH3GL1-Y22AQLDDHRQA	48	24
>SH3GL1-Y22DAQLDYHR	20	>SH3GL1-Y22DAQLDDHR	77	57
>SH3GL1-Y22DAQLDYHR	105	>SH3GL1-Y22DAQLDDHR	159	54
>SH3GL1-Y22VDAQLDYHR	158	>SH3GL1-Y22VDAQLDDHR	4921	4763
>SH3GL1-Y22LVDAQLDY	16	>SH3GL1-Y22LVDAQLDD	18038	18022
>SH3GL1-Y22LVDAQLDY	122	>SH3GL1-Y22LVDAQLDD	22827	22705
>SH3GL1-Y22LVDAQLDYHF	492	>SH3GL1-Y22LVDAQLDDH	6888	6396
>SH3GL1-Y22LVDAQLDYHF	236	>SH3GL1-Y22LVDAQLDDH	1083	847
>SH3GL1-Y22LVDAQLDY	33	>SH3GL1-Y22LVDAQLDD	22467	22434
>SH3GL1-Y22LVDAQLDY	387	>SH3GL1-Y22LVDAQLDD	37348	36961
>SH3GL1-Y22LVDAQLDYHF	416	>SH3GL1-Y22LVDAQLDDH	4437	4021
>SH3GL1-Y22ALVDAQLDY	18	>SH3GL1-Y22ALVDAQLDD	19679	19661
>SH3GL1-Y22ALVDAQLDY	300	>SH3GL1-Y22ALVDAQLDD	31240	30940
>SH3GL1-Y22ALVDAQLDYF	154	>SH3GL1-Y22ALVDAQLDDI	2165	2011
>SH3GL1-Y22ALVDAQLDY	37	>SH3GL1-Y22ALVDAQLDD	24268	24231
>SH3GL1-Y22ALVDAQLDY	160	>SH3GL1-Y22ALVDAQLDD	20520	20360
>SH3GL1-Y22ALVDAQLDY	495	>SH3GL1-Y22ALVDAQLDD	25078	24583
>SH3GL1-Y22ALVDAQLDYF	135	>SH3GL1-Y22ALVDAQLDDI	943	808
>SH3GL1-Y22SALVDAQLDY	175	>SH3GL1-Y22SALVDAQLDI	24596	24421
>SH3GL1-Y22SALVDAQLDY	86	>SH3GL1-Y22SALVDAQLDI	22674	22588
>SLC45A3-P3EPGTEARRHY	1395	>SLC45A3-P3ELGTEARRHY	457	938
>SLC45A3-P3EPGTEARR	1095	>SLC45A3-P3ELGTEARR	170	925
>SLC45A3-P3EPGTEARR	1657	>SLC45A3-P3ELGTEARR	333	1324
>SLC45A3-P3GLYQGVPRAI	18266	>SLC45A3-P3GLYQGVPRAI	77	18189
>SLC45A3-P3GLYQGVPRAI	8336	>SLC45A3-P3GLYQGVPRAI	49	8287
>SLC45A3-P3GLYQGVPRAI	4747	>SLC45A3-P3GLYQGVPRAI	27	4720
>SLC45A3-P3GLYQGVPRAI	1298	>SLC45A3-P3GLYQGVPRAI	5	1293
>SLC45A3-P3GLYQGVPRAI	10473	>SLC45A3-P3GLYQGVPRAI	40	10433
>SLC45A3-P3GLYQGVPRAI	3033	>SLC45A3-P3GLYQGVPRAI	13	3020
>SLC45A3-P3GLYQGVPRAI	22245	>SLC45A3-P3GLYQGVPRAI	338	21907
>SLC45A3-P3GLYQGVPRAI	903	>SLC45A3-P3GLYQGVPRAI	3	900
>SLC45A3-P3AEPGTEARRH	5946	>SLC45A3-P3AELGTEARRH	465	5481
>SLC45A3-P3AEPGTEARRH	2057	>SLC45A3-P3AELGTEARRH	269	1788
>SLC45A3-P3AEPGTEARRH	1044	>SLC45A3-P3AELGTEARRH	62	982
>SLC45A3-P3AEPGTEAR	6843	>SLC45A3-P3AELGTEAR	286	6557
>SLC45A3-P3RAEPGTEAR	103	>SLC45A3-P3RAELGTEAR	204	101
>SLC45A3-P3RAEPGTEARF	835	>SLC45A3-P3RAELGTEARR	470	365
>SLC45A3-P3VPRAEPGTEA	93	>SLC45A3-P3VPRAELGTEA	55	38
>SLC45A3-P3YQGVPRAE	14116	>SLC45A3-P3YQGVPRAE	393	13723
>SLC45A3-P3YQGVPRAE	8384	>SLC45A3-P3YQGVPRAE	449	7935

>SLC45A3-P3YQGVPRAE	4250	>SLC45A3-P3YQGVPRAE	96	4154
>SLC45A3-P3LYQGVPRAE	26213	>SLC45A3-P3LYQGVPRAE	144	26069
>SLC45A3-P3LYQGVPRAE	1361	>SLC45A3-P3LYQGVPRAE	8	1353
>SLC45A3-R2RRLFVAEL	152	>SLC45A3-R2RRLFVAEL	2055	1903
>SLC45A3-R2RRLFVAELCS\	490	>SLC45A3-R2RRLFVAELCS\	3460	2970
>SLC45A3-R2RRLFVAEL	23	>SLC45A3-R2RRLFVAEL	129	106
>SLC45A3-R2RRLFVAELCS	119	>SLC45A3-R2RRLFVAELCS	1282	1163
>SLC45A3-R2RRLFVAELCS\	319	>SLC45A3-R2RRLFVAELCS\	2324	2005
>SLC45A3-R2RRLFVAEL	14	>SLC45A3-R2RRLFVAEL	818	804
>SLC45A3-R2RRLFVAELC	63	>SLC45A3-R2RRLFVAELC	1362	1299
>SLC45A3-R2RRLFVAELCS	245	>SLC45A3-R2RRLFVAELCS	6038	5793
>SLC45A3-R2RRLFVAELCS\	216	>SLC45A3-R2RRLFVAELCS\	3292	3076
>SLC45A3-R2RRLFVAEL	70	>SLC45A3-R2RRLFVAEL	2127	2057
>SLC45A3-R2RRLFVAELC	75	>SLC45A3-R2RRLFVAELC	280	205
>SLC45A3-R2RRLFVAELCS	164	>SLC45A3-R2RRLFVAELCS	2893	2729
>SLC45A3-R2RRLFVAELCS\	23	>SLC45A3-R2RRLFVAELCS\	332	309
>SLC45A3-R2LRRLFVAEL	210	>SLC45A3-R2LRRLFVAEL	3287	3077
>SLC45A3-R2LRRLFVAEL	365	>SLC45A3-R2LRRLFVAEL	24019	23654
>SLC45A3-R2LRRLFVAEL	117	>SLC45A3-R2LRRLFVAEL	20816	20699
>SLC45A3-R2LRRLFVAEL	16	>SLC45A3-R2LRRLFVAEL	20526	20510
>SLC45A3-R2QLCCRMPTI	69	>SLC45A3-R2QLCCRMPTI	15832	15763
>SLC45A3-R2QLCCRMPTI	76	>SLC45A3-R2QLCCRMPTI	27289	27213
>SLC45A3-R2QLCCRMPTI	327	>SLC45A3-R2QLCCRMPTI	37502	37175
>SLC45A3-R2QLCCRMPTI	187	>SLC45A3-R2QLCCRMPTI	34311	34124
>SLC45A3-R2TLRRLFVAEL	1457	>SLC45A3-R2TLRRLFVAEL	389	1068
>SLC45A3-R2TLRRLFVAEL	340	>SLC45A3-R2TLRRLFVAEL	131	209
>SLC45A3-R2TLRRLFVA	220	>SLC45A3-R2TLRRLFVA	722	502
>SLC45A3-R2TLRRLFVAEL	88	>SLC45A3-R2TLRRLFVAEL	73	15
>SLC45A3-R2TLRRLFVA	2491	>SLC45A3-R2TLRRLFVA	306	2185
>SLC45A3-R2TLRRLFVAEL	296	>SLC45A3-R2TLRRLFVAEL	33	263
>SLC45A3-R2TLRRLFVA	4596	>SLC45A3-R2TLRRLFVA	469	4127
>SLC45A3-R2TLRRLFVAEL	1187	>SLC45A3-R2TLRRLFVAEL	80	1107
>SLC45A3-R2TLRRLFVA	5222	>SLC45A3-R2TLRRLFVA	344	4878
>SLC45A3-R2TLRRLFVAEL	1830	>SLC45A3-R2TLRRLFVAEL	103	1727
>SLC45A3-R2TLRRLFVAEL	5858	>SLC45A3-R2TLRRLFVAEL	213	5645
>SLC45A3-R2TLRRLFVA	106	>SLC45A3-R2TLRRLFVA	53	53
>SLC45A3-R2TLRRLFVAEL	12	>SLC45A3-R2TLRRLFVAEL	7	5
>SLC45A3-R2TLRRLFVA	219	>SLC45A3-R2TLRRLFVA	15263	15044
>SLC45A3-R2TLRRLFVAEL	448	>SLC45A3-R2TLRRLFVAEL	15855	15407
>SLC45A3-R2RTLRRRLFVAEI	440	>SLC45A3-R2RTLRRRLFVAEI	812	372
>SLC45A3-R2RTLRRRLFV	451	>SLC45A3-R2RTLRRRLFV	150	301
>SLC45A3-R2RTLRRRLFVAEI	497	>SLC45A3-R2RTLRRRLFVAEI	167	330
>SLC45A3-R2RTLRRRLFVAEI	1288	>SLC45A3-R2RTLRRRLFVAEI	369	919



>SLC45A3-R2 RTLRRRLFV	20	>SLC45A3-R2 RTLGRRLFV	11	9
>SLC45A3-R2 RTLRRRLFVA	81	>SLC45A3-R2 RTLGRRLFVA	26	55
>SLC45A3-R2 RTLRRRLFVAEI	95	>SLC45A3-R2 RTLGRRLFVAEI	43	52
>SLC45A3-R2 RTLRRRLFV	53	>SLC45A3-R2 RTLGRRLFV	20	33
>SLC45A3-R2 RTLRRRLFVA	1347	>SLC45A3-R2 RTLGRRLFVA	330	1017
>SLC45A3-R2 RTLRRRLFVAEI	128	>SLC45A3-R2 RTLGRRLFVAEI	42	86
>SLC45A3-R2 RTLRRRLFV	100	>SLC45A3-R2 RTLGRRLFV	33	67
>SLC45A3-R2 RTLRRRLFV	279	>SLC45A3-R2 RTLGRRLFV	93	186
>SLC45A3-R2 RTLRRRLFVAEI	527	>SLC45A3-R2 RTLGRRLFVAEI	414	113
>SLC45A3-R2 RTLRRRLFV	7	>SLC45A3-R2 RTLGRRLFV	15	8
>SLC45A3-R2 RTLRRRLFVA	15	>SLC45A3-R2 RTLGRRLFVA	43	28
>SLC45A3-R2 RTLRRRLFVAEI	30	>SLC45A3-R2 RTLGRRLFVAEI	93	63
>SLC45A3-R2 RTLRRRLFV	220	>SLC45A3-R2 RTLGRRLFV	561	341
>SLC45A3-R2 RTLRRRLFVAEI	312	>SLC45A3-R2 RTLGRRLFVAEI	629	317
>SLC45A3-R2 RTLRRRLFV	804	>SLC45A3-R2 RTLGRRLFV	418	386
>SLC45A3-R2 RTLRRRLFVA	995	>SLC45A3-R2 RTLGRRLFVA	423	572
>SLC45A3-R2 RTLRRRLFVAE	383	>SLC45A3-R2 RTLGRRLFVAE	182	201
>SLC45A3-R2 RTLRRRLFVAEI	27	>SLC45A3-R2 RTLGRRLFVAEI	14	13
>SLC45A3-R2 RTLRRRLFV	335	>SLC45A3-R2 RTLGRRLFV	161	174
>SLC45A3-R2 RTLRRRLFV	84	>SLC45A3-R2 RTLGRRLFV	26	58
>SLC45A3-R2 RTLRRRLFVA	1023	>SLC45A3-R2 RTLGRRLFVA	252	771
>SLC45A3-R2 RTLRRRLFVAEI	4	>SLC45A3-R2 RTLGRRLFVAEI	3	1
>SLC45A3-R2 RTLRRRLFVAEI	483	>SLC45A3-R2 RTLGRRLFVAEI	565	82
>SLC45A3-R2 RTLRRRLFVAEI	118	>SLC45A3-R2 RTLGRRLFVAEI	218	100
>SLC45A3-R2 RTLRRRLFVAEI	101	>SLC45A3-R2 RTLGRRLFVAEI	89	12
>SLC45A3-R2 RTLRRRLFVAEI	139	>SLC45A3-R2 RTLGRRLFVAEI	187	48
>SLC45A3-R2 PRTLRRRLFV	314	>SLC45A3-R2 PRTLGRRLFV	1041	727
>SLC45A3-R2 MPRTLRRRL	10	>SLC45A3-R2 MPRTLGRRL	11	1
>SLC45A3-R2 MPRTLRRRLF	11	>SLC45A3-R2 MPRTLGRRLF	20	9
>SLC45A3-R2 MPRTLRRRLFV	61	>SLC45A3-R2 MPRTLGRRLFV	48	13
>SLC45A3-R2 MPRTLRRRLFV	18	>SLC45A3-R2 MPRTLGRRLFV	24	6
>SLC45A3-R2 MPRTLRRRL	59	>SLC45A3-R2 MPRTLGRRL	293	234
>SLC45A3-R2 MPRTLRRRLF	208	>SLC45A3-R2 MPRTLGRRLF	2529	2321
>SLC45A3-R2 MPRTLRRRLFV	124	>SLC45A3-R2 MPRTLGRRLFV	508	384
>SLC45A3-R2 MPRTLRRRLF	317	>SLC45A3-R2 MPRTLGRRLF	207	110
>SLC45A3-R2 MPRTLRRRLF	168	>SLC45A3-R2 MPRTLGRRLF	98	70
>SLC45A3-R2 MPRTLRRRLF	406	>SLC45A3-R2 MPRTLGRRLF	821	415
>SLC45A3-R2 MPRTLRRRLFV	136	>SLC45A3-R2 MPRTLGRRLFV	98	38
>SLC45A3-R2 MPRTLRRRLFV	6	>SLC45A3-R2 MPRTLGRRLFV	6	0
>SLC45A3-R2 MPRTLRRRLF	214	>SLC45A3-R2 MPRTLGRRLF	102	112
>SLC45A3-R2 RMPRTLRRRLF	336	>SLC45A3-R2 RMPRTLGRRLF	256	80
>SLC45A3-R2 RMPRTLRRRLF	428	>SLC45A3-R2 RMPRTLGRRLF	346	82
>SLC45A3-R2 RMPRTLRRRL	214	>SLC45A3-R2 RMPRTLGRRL	70	144

>SLC45A3-R2 RMPRTLRRFL	23	>SLC45A3-R2 RMPRTLGRFL	18	5
>SLC45A3-R2 RMPRTLRRFL	68	>SLC45A3-R2 RMPRTLGRFL	45	23
>SLC45A3-R2 RMPRTLRRLL	28	>SLC45A3-R2 RMPRTLGRLL	25	3
>SLC45A3-R2 RMPRTLRRFL	9	>SLC45A3-R2 RMPRTLGRFL	6	3
>SLC45A3-R2 RMPRTLRRFL	87	>SLC45A3-R2 RMPRTLGRFL	56	31
>SLC45A3-R2 RMPRTLRRFL	21	>SLC45A3-R2 RMPRTLGRFL	13	8
>SLC45A3-R2 RMPRTLRRFL	362	>SLC45A3-R2 RMPRTLGRFL	198	164
>SLC45A3-R2 RMPRTLRRLL	72	>SLC45A3-R2 RMPRTLGRLL	52	20
>SLC45A3-R2 RMPRTLRRFL	9	>SLC45A3-R2 RMPRTLGRFL	7	2
>SLC45A3-R2 RMPRTLRR	433	>SLC45A3-R2 RMPRTLGR	490	57
>SLC45A3-R2 RMPRTLRRFL	400	>SLC45A3-R2 RMPRTLGRFL	336	64
>SLC45A3-R2 RMPRTLRRFL	254	>SLC45A3-R2 RMPRTLGRFL	214	40
>SLC45A3-R2 RMPRTLRRFL	117	>SLC45A3-R2 RMPRTLGRFL	95	22
>SLC45A3-R2 RMPRTLRRFL	260	>SLC45A3-R2 RMPRTLGRFL	360	100
>SLC45A3-R2 RMPRTLRR	24	>SLC45A3-R2 RMPRTLGR	42	18
>SLC45A3-R2 RMPRTLRRFL	282	>SLC45A3-R2 RMPRTLGRFL	599	317
>SLC45A3-R2 RMPRTLRRFL	414	>SLC45A3-R2 RMPRTLGRFL	223	191
>SLC45A3-R2 RMPRTLRRFL	33	>SLC45A3-R2 RMPRTLGRFL	46	13
>SLC45A3-R2 RMPRTLRRLL	282	>SLC45A3-R2 RMPRTLGRLL	685	403
>SLC45A3-R2 RMPRTLRRFL	136	>SLC45A3-R2 RMPRTLGRFL	116	20
>SLC45A3-R2 RMPRTLRRLL	327	>SLC45A3-R2 RMPRTLGRLL	954	627
>SLC45A3-R2 RMPRTLRR	48	>SLC45A3-R2 RMPRTLGR	60	12
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>SLC45A3-R2 CRMPRTLRR	118	>SLC45A3-R2 CRMPRTLGR	95	23
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>SLC45A3-R2 CRMPRTLRR	93	>SLC45A3-R2 CRMPRTLGR	99	6
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>SLC45A3-R2 CCRMPRTLRRFL	231	>SLC45A3-R2 CCRMPRTLGRFL	224	7
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>SLC45A3-R2 LCCRMPRTLRRFL	387	>SLC45A3-R2 LCCRMPRTLGRFL	405	18
>SLC45A3-S3 LSHSVAVV	22234	>SLC45A3-S3 LPHSVAVV	62	22172
>SLC45A3-S3 LSHSVAVVTA	272	>SLC45A3-S3 LPHSVAVVTA	16488	16216
>SLC45A3-S3 LSHSVAVV	334	>SLC45A3-S3 LPHSVAVV	6118	5784

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>SLC45A3-S3 LSHSVAVVT	15505	>SLC45A3-S3 LPHSVAVVT	301	15204
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>SLC45A3-S3 CLSHSVAVVT	142	>SLC45A3-S3 CLPHSVAVVT	1274	1132
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>SLC45A3-S3 ATCLSHSV	199	>SLC45A3-S3 ATCLPHSV	595	396
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>SLC45A3-S3 ATCLSHSVAV	165	>SLC45A3-S3 ATCLPHSVAV	263	98
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>SLC45A3-S3 GATCLSHSV	240	>SLC45A3-S3 GATCLPHSV	1785	1545
>SLC45A3-S3 GATCLSHSVA	301	>SLC45A3-S3 GATCLPHSVA	663	362
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>SLC45A3-S3 GATCLSHSV	367	>SLC45A3-S3 GATCLPHSV	862	495
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>SMAD4-A22TSQPASIL	38	>SMAD4-A22TSQPPTSIL	54	16
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>SMAD4-A22TSQPASIL	932	>SMAD4-A22TSQPPTSIL	434	498
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>SMAD4-A22VASTSQPASI	338	>SMAD4-A22VASTSQPTSI	358	20
>SMAD4-A22VASTSQPASIL	583	>SMAD4-A22VASTSQPTSIL	494	89
>SMAD4-A22VASTSQPASIL	236	>SMAD4-A22VASTSQPTSIL	315	79
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>SMAD4-A22IPVASTSQPAI	108	>SMAD4-A22IPVASTSQPTSI	299	191
>SMAD4-A27APYTPNLPH	145	>SMAD4-A27EPYTPNLPH	5535	5390
>SMAD4-A27APYTPNLPH	167	>SMAD4-A27EPYTPNLPH	39	128
>SMAD4-A27TAPYTPNL	428	>SMAD4-A27TEPYTPNL	16183	15755
>SMAD4-A27RTAPYTPNL	164	>SMAD4-A27RTEPYTPNL	5094	4930
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>SMAD4-A27RTAPYTPNLP	461	>SMAD4-A27RTEPYTPNLP	6090	5629
>SMAD4-A27RTAPYTPNLP	189	>SMAD4-A27RTEPYTPNLP	1878	1689
>SMAD4-A27RTAPYTPNL	49	>SMAD4-A27RTEPYTPNL	137	88
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>SMAD4-A27RTAPYTPNL	62	>SMAD4-A27RTEPYTPNL	1676	1614
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>SMAD4-A27RTAPYTPNL	37	>SMAD4-A27RTEPYTPNL	3970	3933
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>SMAD4-A27WTGSRTAPY	81	>SMAD4-A27WTGSRTEPY	111	30
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>SMAD4-A27TWTGSRTAP'	60	>SMAD4-A27TWTGSRTEP\	101	41
>SMAD4-A27TWTGSRTAP'	115	>SMAD4-A27TWTGSRTEP\	483	368
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>SMAD4-A27TTWTGSRTAI	93	>SMAD4-A27TTWTGSRTEF	342	249
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>SMAD4-A27TTWTGSRTA	473	>SMAD4-A27TTWTGSRTE	13906	13433
>SMAD4-A27TTWTGSRTAI	254	>SMAD4-A27TTWTGSRTEF	221	33
>SMAD4-A27TTWTGSRTAI	158	>SMAD4-A27TTWTGSRTEF	209	51
>SMAD4-A27TTWTGSRTAI	238	>SMAD4-A27TTWTGSRTEF	343	105



>SMAD4-A27TTWTGSRTAI	267	>SMAD4-A27TTWTGSRTEF	340	73
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>SMAD4-A27TTWTGSRTAI	38	>SMAD4-A27TTWTGSRTEF	68	30
>SMAD4-A27TTWTGSRTAI	118	>SMAD4-A27TTWTGSRTEF	141	23
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>SMAD4-A37RARLHIGKGV	29	>SMAD4-A37RTRLHIGKGV	9	20
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>SMAD4-A37RARLHIGKGV	109	>SMAD4-A37RTRLHIGKGV	15	94
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>SMAD4-A37IERARLHIGK	212	>SMAD4-A37IERTRLHIGK	303	91
>SMAD4-A37IERARLHI	105	>SMAD4-A37IERTRLHI	109	4
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>SMAD4-A37AIERARLHI	341	>SMAD4-A37AIERTRLHI	343	2
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>SMAD4-A37EAIERARL	263	>SMAD4-A37EAIERTRL	388	125
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>SMAD4-A37TEAIERARL	247	>SMAD4-A37TEAIERTRL	217	30
>SMAD4-A37TEAIERARLHI	48	>SMAD4-A37TEAIERTRLHI	56	8
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>SMAD4-A37RTEAIERAR	301	>SMAD4-A37RTEAIERTR	190	111
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>SMAD4-A37HRTEAIERA	374	>SMAD4-A37HRTEAIIERT	790	416
>SMAD4-A37HRTEAIERAR	28	>SMAD4-A37HRTEAIERTR	27	1
>SMAD4-A37HRTEAIERARI	73	>SMAD4-A37HRTEAIERTRI	71	2
>SMAD4-A37HRTEAIERARI	422	>SMAD4-A37HRTEAIERTRI	879	457
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>SMAD4-A39AIESLVKK	3190	>SMAD4-A39TIESLVKK	214	2976
>SMAD4-A39RAIESLVK	311	>SMAD4-A39RTIESLVK	80	231
>SMAD4-A39RAIESLVKK	215	>SMAD4-A39RTIESLVKK	62	153
>SMAD4-A39RAIESLVKCLK	474	>SMAD4-A39RTIESLVKCLK	108	366
>SMAD4-A39RAIESLVK	43	>SMAD4-A39RTIESLVK	12	31
>SMAD4-A39RAIESLVKK	35	>SMAD4-A39RTIESLVKK	11	24
>SMAD4-A39RAIESLVKCLK	75	>SMAD4-A39RTIESLVKCLK	18	57
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>SMAD4-A39RAIESLVK	31	>SMAD4-A39RTIESLVK	9	22
>SMAD4-A39RAIESLVKK	54	>SMAD4-A39RTIESLVKK	13	41
>SMAD4-A39RAIESLVKCLK	81	>SMAD4-A39RTIESLVKCLK	18	63
>SMAD4-A39RAIESLVK	1450	>SMAD4-A39RTIESLVK	380	1070
>SMAD4-A39RAIESLVKK	330	>SMAD4-A39RTIESLVKK	72	258
>SMAD4-A39RAIESLVKCLK	381	>SMAD4-A39RTIESLVKCLK	86	295
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>SMAD4-A39RAIESLVKCLK	452	>SMAD4-A39RTIESLVKCLK	86	366
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>SMAD4-A39KRAIESLVKK	191	>SMAD4-A39KRTIESLVKK	152	39
>SMAD4-A39KRAIESLVKCL	134	>SMAD4-A39KRTIESLVKCL	133	1
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>SMAD4-A3C AKRAIESLVK	268	>SMAD4-A3C AKRTIESLVK	242	26
>SMAD4-A3C AKRAIESLVKK	392	>SMAD4-A3C AKRTIESLVKK	366	26
>SMAD4-A3C FAKRAIESL	324	>SMAD4-A3C FAKRTIESL	572	248
>SMAD4-A3C FAKRAIESLV	391	>SMAD4-A3C FAKRTIESLV	518	127
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>SMAD4-A3C FAKRAIESL	226	>SMAD4-A3C FAKRTIESL	399	173
>SMAD4-A3C FAKRAIESLV	67	>SMAD4-A3C FAKRTIESLV	75	8
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>SMAD4-A3C FAKRAIESLVK	403	>SMAD4-A3C FAKRTIESLVK	428	25
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>SMAD4-A3C SETFAKRAI	111	>SMAD4-A3C SETFAKRTI	133	22
>SMAD4-A3C SETFAKRA	53	>SMAD4-A3C SETFAKRT	342	289
>SMAD4-A3C SETFAKRAI	414	>SMAD4-A3C SETFAKRTI	1383	969
>SMAD4-A3C ESETFAKRAI	548	>SMAD4-A3C ESETFAKRTI	350	198
>SMAD4-A3C GESETFAKRA	32	>SMAD4-A3C GESETFAKRTI	26	6
>SMAD4-A3C GESETFAKRA	23	>SMAD4-A3C GESETFAKRTI	28	5
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>SMAD4-A3C GESETFAKRA	199	>SMAD4-A3C GESETFAKRTI	469	270
>SMAD4-A3C GESETFAKRA	20	>SMAD4-A3C GESETFAKRTI	20	0
>SMAD4-A4C AVFVQSYL	172	>SMAD4-A4C TVFVQSYL	116	56

>SMAD4-A4C AVFVQSYYL	46	>SMAD4-A4C TVFVQSYYL	96	50
>SMAD4-A4C AVFVQSYYL	8	>SMAD4-A4C TVFVQSYYL	15	7
>SMAD4-A4C AVFVQSYYL	43	>SMAD4-A4C TVFVQSYYL	101	58
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>SMAD4-A4C AVFVQSYYL	76	>SMAD4-A4C TVFVQSYYL	299	223
>SMAD4-A4C AVFVQSYYL	125	>SMAD4-A4C TVFVQSYYL	510	385
>SMAD4-A4C AVFVQSYYL	135	>SMAD4-A4C TVFVQSYYL	891	756
>SMAD4-A4C AVFVQSYY	118	>SMAD4-A4C TVFVQSYY	147	29
>SMAD4-A4C AVFVQSYY	35	>SMAD4-A4C TVFVQSYY	37	2
>SMAD4-A4C AVFVQSYYLD	47	>SMAD4-A4C TVFVQSYYLD	48	1
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>SMAD4-A4C AVFVQSYY	15	>SMAD4-A4C TVFVQSYY	12	3
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>SMAD4-A4C AVFVQSYYL	60	>SMAD4-A4C TVFVQSYYL	603	543
>SMAD4-A4C AVFVQSYY	17	>SMAD4-A4C TVFVQSYY	27	10
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>SMAD4-A4C AVFVQSYYLD	34	>SMAD4-A4C TVFVQSYYLD	45	11
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>SMAD4-A4C AVFVQSYYLD	1118	>SMAD4-A4C TVFVQSYYLD	178	940
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>SMAD4-A4C AVFVQSYY	55	>SMAD4-A4C TVFVQSYY	42	13
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>SMAD4-A4C AVFVQSYY	203	>SMAD4-A4C TVFVQSYY	738	535
>SMAD4-A4C AVFVQSYY	31	>SMAD4-A4C TVFVQSYY	123	92
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>SMAD4-A4C AVFVQSYYLD	555	>SMAD4-A4C TVFVQSYYLD	177	378
>SMAD4-A4C HAVFVQSYY	9274	>SMAD4-A4C HTVFVQSYY	402	8872
>SMAD4-A4C HAVFVQSYYL	653	>SMAD4-A4C HTVFVQSYYL	306	347
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>SMAD4-A4C HAVFVQSYY	155	>SMAD4-A4C HTVFVQSYY	10	145

>SMAD4-A4C HAVFVQSY	225	>SMAD4-A4C HTVFVQSY	11	214
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>SMAD4-A4C HAVFVQSY	6259	>SMAD4-A4C HTVFVQSY	252	6007
>SMAD4-A4C HAVFVQSY	566	>SMAD4-A4C HTVFVQSY	80	486
>SMAD4-A4C HAVFVQSYY	68	>SMAD4-A4C HTVFVQSYY	17	51
>SMAD4-A4C HAVFVQSYYL	2144	>SMAD4-A4C HTVFVQSYYL	440	1704
>SMAD4-A4C HAVFVQSY	312	>SMAD4-A4C HTVFVQSY	106	206
>SMAD4-A4C HAVFVQSYY	36	>SMAD4-A4C HTVFVQSYY	16	20
>SMAD4-A4C HAVFVQSY	292	>SMAD4-A4C HTVFVQSY	64	228
>SMAD4-A4C HAVFVQSYY	21	>SMAD4-A4C HTVFVQSYY	6	15
>SMAD4-A4C HAVFVQSYY	3117	>SMAD4-A4C HTVFVQSYY	467	2650
>SMAD4-A4C HAVFVQSYYL	188	>SMAD4-A4C HTVFVQSYYL	26	162
>SMAD4-A4C HAVFVQSYYL	290	>SMAD4-A4C HTVFVQSYYL	72	218
>SMAD4-A4C HAVFVQSY	1977	>SMAD4-A4C HTVFVQSY	154	1823
>SMAD4-A4C HAVFVQSYY	390	>SMAD4-A4C HTVFVQSYY	38	352
>SMAD4-A4C HAVFVQSY	233	>SMAD4-A4C HTVFVQSY	168	65
>SMAD4-A4C HAVFVQSY	238	>SMAD4-A4C HTVFVQSY	416	178
>SMAD4-A4C HAVFVQSY	22	>SMAD4-A4C HTVFVQSY	5	17
>SMAD4-A4C HAVFVQSYY	38	>SMAD4-A4C HTVFVQSYY	7	31
>SMAD4-A4C HAVFVQSYYL	255	>SMAD4-A4C HTVFVQSYYL	18	237
>SMAD4-A4C HAVFVQSY	25	>SMAD4-A4C HTVFVQSY	350	325
>SMAD4-A4C HAVFVQSYY	57	>SMAD4-A4C HTVFVQSYY	1547	1490
>SMAD4-A4C HAVFVQSY	766	>SMAD4-A4C HTVFVQSY	439	327
>SMAD4-A4C HAVFVQSYY	643	>SMAD4-A4C HTVFVQSYY	386	257
>SMAD4-A4C HAVFVQSY	362	>SMAD4-A4C HTVFVQSY	267	95
>SMAD4-A4C HAVFVQSYY	47	>SMAD4-A4C HTVFVQSYY	38	9
>SMAD4-A4C HAVFVQSYYL	416	>SMAD4-A4C HTVFVQSYYL	316	100
>SMAD4-A4C HAVFVQSYYL	3454	>SMAD4-A4C HTVFVQSYYL	338	3116
>SMAD4-A4C HAVFVQSY	2086	>SMAD4-A4C HTVFVQSY	269	1817
>SMAD4-A4C HAVFVQSYY	25	>SMAD4-A4C HTVFVQSYY	3	22
>SMAD4-A4C HAVFVQSYYL	12776	>SMAD4-A4C HTVFVQSYYL	336	12440
>SMAD4-A4C HAVFVQSY	72	>SMAD4-A4C HTVFVQSY	95	23
>SMAD4-A4C HAVFVQSYY	233	>SMAD4-A4C HTVFVQSYY	385	152
>SMAD4-A4C HAVFVQSY	1065	>SMAD4-A4C HTVFVQSY	282	783
>SMAD4-A4C HAVFVQSYY	176	>SMAD4-A4C HTVFVQSYY	65	111
>SMAD4-A4C DHAVFVQSY	490	>SMAD4-A4C DHTVFVQSY	814	324
>SMAD4-A4C DHAVFVQSY	410	>SMAD4-A4C DHTVFVQSY	1105	695
>SMAD4-A4C DHAVFVQSY	352	>SMAD4-A4C DHTVFVQSY	668	316
>SMAD4-A4C DHAVFVQSY	388	>SMAD4-A4C DHTVFVQSY	934	546
>SMAD4-A4C DHAVFVQSY	304	>SMAD4-A4C DHTVFVQSY	406	102
>SMAD4-A4C SDHAVFVQSY	191	>SMAD4-A4C SDHTVFVQSY	143	48
>SMAD4-A4C LSDHAVFV	461	>SMAD4-A4C LSDHTVFFV	229	232

>SMAD4-A4C LSDHAVFVQ\$	18	>SMAD4-A4C LSDHTVQ\$	14	4
>SMAD4-A4C LSDHAVFV	101	>SMAD4-A4C LSDHTVQ\$	103	2
>SMAD4-A4C LSDHAVFV	699	>SMAD4-A4C LSDHTVQ\$	386	313
>SMAD4-A4C LSDHAVFVQ\$	306	>SMAD4-A4C LSDHTVQ\$	278	28
>SMAD4-A4C LSDHAVFV	542	>SMAD4-A4C LSDHTVQ\$	489	53
>SMAD4-A4C LSDHAVFVQ\$	229	>SMAD4-A4C LSDHTVQ\$	259	30
>SMAD4-A4C LSDHAVFVQ\$	361	>SMAD4-A4C LSDHTVQ\$	213	148
>SMAD4-A4C LSDHAVFVQ\$	5	>SMAD4-A4C LSDHTVQ\$	5	0
>SMAD4-A4C LSDHAVFVQ\$	268	>SMAD4-A4C LSDHTVQ\$	469	201
>SMAD4-A4C LSDHAVFVQ\$	59	>SMAD4-A4C LSDHTVQ\$	49	10
>SMAD4-A4C LSDHAVFVQ\$	196	>SMAD4-A4C LSDHTVQ\$	119	77
>SMAD4-A4C LSDHAVFVQ\$	388	>SMAD4-A4C LSDHTVQ\$	349	39
>SMAD4-A4C CLSDHAVFV	18	>SMAD4-A4C CLSDHTVQ\$	10	8
>SMAD4-A4C CLSDHAVFV	4	>SMAD4-A4C CLSDHTVQ\$	2	2
>SMAD4-A4C CLSDHAVFVC	413	>SMAD4-A4C CLSDHTVQ\$	202	211
>SMAD4-A4C CLSDHAVFV	5	>SMAD4-A4C CLSDHTVQ\$	3	2
>SMAD4-A4C CLSDHAVFV	17	>SMAD4-A4C CLSDHTVQ\$	12	5
>SMAD4-A4C CLSDHAVFV	5	>SMAD4-A4C CLSDHTVQ\$	4	1
>SMAD4-A4C CLSDHAVFV	6	>SMAD4-A4C CLSDHTVQ\$	4	2
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>SMAD4-A4C CLSDHAVFV	3	>SMAD4-A4C CLSDHTVQ\$	2	1
>SMAD4-A4C CLSDHAVFV	3	>SMAD4-A4C CLSDHTVQ\$	2	1
>SMAD4-A4C CLSDHAVFVC	257	>SMAD4-A4C CLSDHTVQ\$	181	76
>SMAD4-A4C CLSDHAVFV	183	>SMAD4-A4C CLSDHTVQ\$	52	131
>SMAD4-A4C CLSDHAVFV	504	>SMAD4-A4C CLSDHTVQ\$	318	186
>SMAD4-A4C CLSDHAVF	138	>SMAD4-A4C CLSDHTVQ\$	118	20
>SMAD4-A4C CLSDHAVF	178	>SMAD4-A4C CLSDHTVQ\$	98	80
>SMAD4-A4C RCLSDHAV	265	>SMAD4-A4C RCLSDHTVQ\$	226	39
>SMAD4-A4C RCLSDHAVFV	142	>SMAD4-A4C RCLSDHTVQ\$	159	17
>SMAD4-A4C RCLSDHAVFV	414	>SMAD4-A4C RCLSDHTVQ\$	295	119
>SMAD4-A4C RCLSDHAVF	462	>SMAD4-A4C RCLSDHTVQ\$	272	190
>SMAD4-A4C RCLSDHAVF	23	>SMAD4-A4C RCLSDHTVQ\$	16	7
>SMAD4-A4C RCLSDHAVF	37	>SMAD4-A4C RCLSDHTVQ\$	18	19
>SMAD4-A4C VRCLSDHAVF	94	>SMAD4-A4C VRCLSDHTVQ\$	72	22
>SMAD4-A4C WVRCLSDHA	522	>SMAD4-A4C WVRCLSDHTVQ\$	331	191
>SMAD4-A4C WVRCLSDHA	255	>SMAD4-A4C WVRCLSDHTVQ\$	110	145
>SMAD4-A4C WVRCLSDHA	38	>SMAD4-A4C WVRCLSDHTVQ\$	40	2
>SMAD4-A4C WVRCLSDHA	77	>SMAD4-A4C WVRCLSDHTVQ\$	51	26
>SMAD4-A4C WVRCLSDHA	150	>SMAD4-A4C WVRCLSDHTVQ\$	292	142
>SMAD4-A4C WVRCLSDHA	110	>SMAD4-A4C WVRCLSDHTVQ\$	118	8
>SMAD4-A4C WVRCLSDHA	15	>SMAD4-A4C WVRCLSDHTVQ\$	10	5
>SMAD4-A4C VWVRCLSDH	831	>SMAD4-A4C VWVRCLSDHTVQ\$	283	548
>SMAD4-A4C VWVRCLSDH	91	>SMAD4-A4C VWVRCLSDHTVQ\$	138	47

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>SMAD4-A43AYIKVFDL	115	>SMAD4-A43TYIKVFDL	38	77
>SMAD4-A43AYIKVFDLR	1119	>SMAD4-A43TYIKVFDLR	262	857
>SMAD4-A43AYIKVFDL	108	>SMAD4-A43TYIKVFDL	51	57
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>SMAD4-A43AYIKVFDLR	184	>SMAD4-A43TYIKVFDLR	240	56
>SMAD4-A43AYIKVFDLRQI	405	>SMAD4-A43TYIKVFDLRQI	555	150
>SMAD4-A43AYIKVFDLR	37	>SMAD4-A43TYIKVFDLR	48	11
>SMAD4-A43AYIKVFDLR	135	>SMAD4-A43TYIKVFDLR	25	110
>SMAD4-A43AYIKVFDLR	180	>SMAD4-A43TYIKVFDLR	16	164
>SMAD4-A43AYIKVFDLR	371	>SMAD4-A43TYIKVFDLR	1894	1523
>SMAD4-A43AYIKVFDLR	62	>SMAD4-A43TYIKVFDLR	24	38
>SMAD4-A43AYIKVFDL	121	>SMAD4-A43TYIKVFDL	301	180
>SMAD4-A43SAYIKVFDL	103	>SMAD4-A43STYIKVFDL	161	58
>SMAD4-A43SAYIKVFDL	1112	>SMAD4-A43STYIKVFDL	268	844
>SMAD4-A43SAYIKVFDL	1051	>SMAD4-A43STYIKVFDL	210	841
>SMAD4-A43SAYIKVFDLR	1405	>SMAD4-A43STYIKVFDLR	367	1038
>SMAD4-A43SAYIKVFDLR	309	>SMAD4-A43STYIKVFDLR	52	257
>SMAD4-A43SAYIKVFDLR	44	>SMAD4-A43STYIKVFDLR	27	17
>SMAD4-A43SAYIKVFDL	4127	>SMAD4-A43STYIKVFDL	208	3919
>SMAD4-A43SAYIKVFDLR	209	>SMAD4-A43STYIKVFDLR	130	79
>SMAD4-A43SAYIKVFDLR	18	>SMAD4-A43STYIKVFDLR	7	11
>SMAD4-A43SAYIKVFDL	21	>SMAD4-A43STYIKVFDL	5	16
>SMAD4-A43SAYIKVFDLRQI	1828	>SMAD4-A43STYIKVFDLRQI	286	1542
>SMAD4-A43SAYIKVFDL	1362	>SMAD4-A43STYIKVFDL	296	1066
>SMAD4-A43SAYIKVFDLR	194	>SMAD4-A43STYIKVFDLR	65	129
>SMAD4-A43SAYIKVFDLRQI	2037	>SMAD4-A43STYIKVFDLRQI	332	1705
>SMAD4-A43SAYIKVFDLR	406	>SMAD4-A43STYIKVFDLR	269	137
>SMAD4-A43SAYIKVFDL	1283	>SMAD4-A43STYIKVFDL	237	1046
>SMAD4-A43PSAYIKVFDLFI	44	>SMAD4-A43PSTYIKVFDLFI	97	53
>SMAD4-A43PSAYIKVF	465	>SMAD4-A43PSTYIKVF	907	442
>SMAD4-A43PSAYIKVF	253	>SMAD4-A43PSTYIKVF	119	134
>SMAD4-A43YPSAYIKVFDL	69	>SMAD4-A43YPSTYIKVFDL	100	31
>SMAD4-A43YPSAYIKV	386	>SMAD4-A43YPSTYIKV	725	339
>SMAD4-A43YPSAYIKV	459	>SMAD4-A43YPSTYIKV	1004	545
>SMAD4-A43YPSAYIKVF	79	>SMAD4-A43YPSTYIKVF	178	99
>SMAD4-A43YPSAYIKVFDL	83	>SMAD4-A43YPSTYIKVFDL	121	38
>SMAD4-A43YPSAYIKVF	436	>SMAD4-A43YPSTYIKVF	391	45
>SMAD4-A43YPSAYIKVFDL	332	>SMAD4-A43YPSTYIKVFDL	304	28
>SMAD4-A43YPSAYIKVF	35	>SMAD4-A43YPSTYIKVF	27	8
>SMAD4-A43YPSAYIKVF	14	>SMAD4-A43YPSTYIKVF	16	2
>SMAD4-A43YPSAYIKVFDL	127	>SMAD4-A43YPSTYIKVFDL	140	13
>SMAD4-A43YPSAYIKVF	417	>SMAD4-A43YPSTYIKVF	888	471

>SMAD4-A43YPSAYIKVFDL	87	>SMAD4-A43YPSTYIKVFDL	139	52
>SMAD4-A43YPSAYIKV	334	>SMAD4-A43YPSTYIKV	431	97
>SMAD4-A43YPSAYIKVF	164	>SMAD4-A43YPSTYIKVF	126	38
>SMAD4-A43YPSAYIKVFDL	249	>SMAD4-A43YPSTYIKVFDL	197	52
>SMAD4-A43YPSAYIKV	223	>SMAD4-A43YPSTYIKV	364	141
>SMAD4-A43YPSAYIKVF	7	>SMAD4-A43YPSTYIKVF	10	3
>SMAD4-A43YPSAYIKVFDL	106	>SMAD4-A43YPSTYIKVFDL	296	190
>SMAD4-A43YPSAYIKVF	23	>SMAD4-A43YPSTYIKVF	23	0
>SMAD4-A43YPSAYIKVFDL	271	>SMAD4-A43YPSTYIKVFDL	275	4
>SMAD4-A43IYPSAYIK	625	>SMAD4-A43IYPSTYIK	359	266
>SMAD4-A43IYPSAYIKVF	18	>SMAD4-A43IYPSTYIKVF	13	5
>SMAD4-A43IYPSAYIK	472	>SMAD4-A43IYPSTYIK	384	88
>SMAD4-A43IYPSAYIKV	130	>SMAD4-A43IYPSTYIKV	115	15
>SMAD4-A43IYPSAYIKVF	32	>SMAD4-A43IYPSTYIKVF	26	6
>SMAD4-A43IYPSAYIKV	13	>SMAD4-A43IYPSTYIKV	19	6
>SMAD4-A43IYPSAYIKVF	4	>SMAD4-A43IYPSTYIKVF	5	1
>SMAD4-A43IYPSAYIKVF	334	>SMAD4-A43IYPSTYIKVF	202	132
>SMAD4-A43IYPSAYIKV	243	>SMAD4-A43IYPSTYIKV	368	125
>SMAD4-A43IYPSAYIKVF	56	>SMAD4-A43IYPSTYIKVF	77	21
>SMAD4-A43IYPSAYIK	130	>SMAD4-A43IYPSTYIK	81	49
>SMAD4-A43IYPSAYIKV	345	>SMAD4-A43IYPSTYIKV	190	155
>SMAD4-A43KIYPSAYI	40	>SMAD4-A43KIYPSTYI	30	10
>SMAD4-A43KIYPSAYIKV	91	>SMAD4-A43KIYPSTYIKV	96	5
>SMAD4-A43KIYPSAYI	39	>SMAD4-A43KIYPSTYI	22	17
>SMAD4-A43KIYPSAYIKV	84	>SMAD4-A43KIYPSTYIKV	72	12
>SMAD4-A43KIYPSAYI	17	>SMAD4-A43KIYPSTYI	10	7
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>SMAD4-A43KIYPSAYI	11	>SMAD4-A43KIYPSTYI	10	1
>SMAD4-A43KIYPSAYIKV	67	>SMAD4-A43KIYPSTYIKV	56	11
>SMAD4-A43KIYPSAYI	7	>SMAD4-A43KIYPSTYI	7	0
>SMAD4-A43KIYPSAYIKV	6	>SMAD4-A43KIYPSTYIKV	4	2
>SMAD4-A43KIYPSAYI	38	>SMAD4-A43KIYPSTYI	74	36
>SMAD4-A43KIYPSAYIKV	44	>SMAD4-A43KIYPSTYIKV	24	20
>SMAD4-A43KIYPSAYI	37	>SMAD4-A43KIYPSTYI	31	6
>SMAD4-A43KIYPSAYIKV	9	>SMAD4-A43KIYPSTYIKV	8	1
>SMAD4-A43KIYPSAYI	344	>SMAD4-A43KIYPSTYI	549	205
>SMAD4-A43KIYPSAYIKV	186	>SMAD4-A43KIYPSTYIKV	110	76
>SMAD4-A43KIYPSAYI	57	>SMAD4-A43KIYPSTYI	53	4
>SMAD4-A43KIYPSAYIKV	5	>SMAD4-A43KIYPSTYIKV	4	1
>SMAD4-A43KIYPSAYIK	27	>SMAD4-A43KIYPSTYIK	26	1
>SMAD4-A43KIYPSAYIK	8	>SMAD4-A43KIYPSTYIK	6	2
>SMAD4-A43KIYPSAYIKVF	666	>SMAD4-A43KIYPSTYIKVF	448	218
>SMAD4-A43KIYPSAYI	39	>SMAD4-A43KIYPSTYI	76	37



>SMAD4-A43KIYPSAYIK	13	>SMAD4-A43KIYPSTYIK	8	5
>SMAD4-A43KIYPSAYIKV	121	>SMAD4-A43KIYPSTYIKV	72	49
>SMAD4-A43KIYPSAYIK	51	>SMAD4-A43KIYPSTYIK	22	29
>SMAD4-A43KIYPSAYI	83	>SMAD4-A43KIYPSTYI	48	35
>SMAD4-A43KIYPSAYIK	1380	>SMAD4-A43KIYPSTYIK	397	983
>SMAD4-A43KIYPSAYIKV	487	>SMAD4-A43KIYPSTYIKV	266	221
>SMAD4-A43KIYPSAYIKVF	28	>SMAD4-A43KIYPSTYIKVF	22	6
>SMAD4-A43KIYPSAYIK	292	>SMAD4-A43KIYPSTYIK	251	41
>SMAD4-A43KIYPSAYI	378	>SMAD4-A43KIYPSTYI	583	205
>SMAD4-A43KIYPSAYIKV	250	>SMAD4-A43KIYPSTYIKV	206	44
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>SMAD4-A43KIYPSAYI	584	>SMAD4-A43KIYPSTYI	353	231
>SMAD4-A43KIYPSAYIKV	596	>SMAD4-A43KIYPSTYIKV	427	169
>SMAD4-A43KIYPSAYIKVF	8	>SMAD4-A43KIYPSTYIKVF	7	1
>SMAD4-A43KIYPSAYI	25	>SMAD4-A43KIYPSTYI	61	36
>SMAD4-A43KIYPSAYIKV	412	>SMAD4-A43KIYPSTYIKV	600	188
>SMAD4-A43KIYPSAYIKVF	5	>SMAD4-A43KIYPSTYIKVF	7	2
>SMAD4-A43KIYPSAYIKVF	235	>SMAD4-A43KIYPSTYIKVF	282	47
>SMAD4-A43KIYPSAYI	54	>SMAD4-A43KIYPSTYI	63	9
>SMAD4-A43KIYPSAYIKVF	41	>SMAD4-A43KIYPSTYIKVF	47	6
>SMAD4-A43KIYPSAYIKVF	297	>SMAD4-A43KIYPSTYIKVF	504	207
>SMAD4-A43KIYPSAYIKVF	398	>SMAD4-A43KIYPSTYIKVF	300	98
>SMAD4-A43KIYPSAYIK	36	>SMAD4-A43KIYPSTYIK	22	14
>SMAD4-A43KIYPSAYI	94	>SMAD4-A43KIYPSTYI	91	3
>SMAD4-A43HKIYPSAY	292	>SMAD4-A43HKIYPSTY	887	595
>SMAD4-A43HKIYPSAYIK	501	>SMAD4-A43HKIYPSTYIK	411	90
>SMAD4-A43HKIYPSAYI	122	>SMAD4-A43HKIYPSTYI	300	178
>SMAD4-A43HKIYPSAYIKV	382	>SMAD4-A43HKIYPSTYIKV	694	312
>SMAD4-A43HKIYPSAY	289	>SMAD4-A43HKIYPSTY	488	199
>SMAD4-A43HKIYPSAY	3	>SMAD4-A43HKIYPSTY	4	1
>SMAD4-A43HKIYPSAYI	25	>SMAD4-A43HKIYPSTYI	14	11
>SMAD4-A43HKIYPSAYIK	191	>SMAD4-A43HKIYPSTYIK	129	62
>SMAD4-A43HKIYPSAYIKV	60	>SMAD4-A43HKIYPSTYIKV	37	23
>SMAD4-A43HKIYPSAY	384	>SMAD4-A43HKIYPSTY	771	387
>SMAD4-A43VHKIYPSAY	243	>SMAD4-A43VHKIYPSTY	269	26
>SMAD4-A43VHKIYPSAY	17	>SMAD4-A43VHKIYPSTY	29	12
>SMAD4-A43VHKIYPSAY	1512	>SMAD4-A43VHKIYPSTY	313	1199
>SMAD4-A43AVHKIYPSAYI	401	>SMAD4-A43AVHKIYPSTYI	468	67
>SMAD4-A43AVHKIYPSAYI	220	>SMAD4-A43AVHKIYPSTYI	224	4
>SMAD4-A43AVHKIYPSAYI	511	>SMAD4-A43AVHKIYPSTYI	493	18
>SMAD4-A43AVHKIYPSAYI	235	>SMAD4-A43AVHKIYPSTYI	454	219
>SMAD4-A43AVHKIYPSAY	47	>SMAD4-A43AVHKIYPSTY	108	61
>SMAD4-A43AVHKIYPSAY	410	>SMAD4-A43AVHKIYPSTY	845	435

>SMAD4-A43 AVHKIYPSA	7	>SMAD4-A43 AVHKIYPST	67	60
>SMAD4-A43 AVHKIYPSAY	80	>SMAD4-A43 AVHKIYPSTY	77	3
>SMAD4-A43 AVHKIYPSAYI	7	>SMAD4-A43 AVHKIYPSTYI	15	8
>SMAD4-A43 AVHKIYPSAYI	101	>SMAD4-A43 AVHKIYPSTYI	179	78
>SMAD4-A43 AVHKIYPSAY	123	>SMAD4-A43 AVHKIYPSTY	84	39
>SMAD4-A43 AVHKIYPSAY	134	>SMAD4-A43 AVHKIYPSTY	199	65
>SMAD4-A43 AVHKIYPSAY	105	>SMAD4-A43 AVHKIYPSTY	179	74
>SMAD4-A43 AVHKIYPSAY	439	>SMAD4-A43 AVHKIYPSTY	141	298
>SMAD4-A43 AVHKIYPSAY	1608	>SMAD4-A43 AVHKIYPSTY	433	1175
>SMAD4-A43 AVHKIYPSAYI	297	>SMAD4-A43 AVHKIYPSTYI	321	24
>SMAD4-A43 DAVHKIYPSA	225	>SMAD4-A43 DAVHKIYPST	761	536
>SMAD4-A43 DAVHKIYPSA	38	>SMAD4-A43 DAVHKIYPST	85	47
>SMAD4-A43 DAVHKIYPSA	694	>SMAD4-A43 DAVHKIYPST	191	503
>SMAD4-A43 DAVHKIYPSA	33	>SMAD4-A43 DAVHKIYPST	45	12
>SMAD4-A43 AYIKVFDL	118	>SMAD4-A43 VYIKVFDL	235	117
>SMAD4-A43 AYIKVFDL	115	>SMAD4-A43 VYIKVFDL	36	79
>SMAD4-A43 AYIKVFDLR	1119	>SMAD4-A43 VYIKVFDLR	228	891
>SMAD4-A43 AYIKVFDL	108	>SMAD4-A43 VYIKVFDL	56	52
>SMAD4-A43 AYIKVFDL	6	>SMAD4-A43 VYIKVFDL	7	1
>SMAD4-A43 AYIKVFDLR	184	>SMAD4-A43 VYIKVFDLR	284	100
>SMAD4-A43 AYIKVFDLRQI	405	>SMAD4-A43 VYIKVFDLRQI	609	204
>SMAD4-A43 AYIKVFDLR	37	>SMAD4-A43 VYIKVFDLR	91	54
>SMAD4-A43 AYIKVFDLR	135	>SMAD4-A43 VYIKVFDLR	58	77
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>SMAD4-A43 AYIKVFDLR	371	>SMAD4-A43 VYIKVFDLR	4062	3691
>SMAD4-A43 AYIKVFDLR	62	>SMAD4-A43 VYIKVFDLR	36	26
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>SMAD4-A43 SAYIKVFDL	103	>SMAD4-A43 SVYIKVFDL	110	7
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>SMAD4-A43 SAYIKVFDL	3789	>SMAD4-A43 SVYIKVFDL	494	3295
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>SMAD4-A43 SAYIKVFDL	2185	>SMAD4-A43 SVYIKVFDL	141	2044
>SMAD4-A43 SAYIKVFDLR	1405	>SMAD4-A43 SVYIKVFDLR	433	972
>SMAD4-A43 SAYIKVFDLR	309	>SMAD4-A43 SVYIKVFDLR	138	171
>SMAD4-A43 SAYIKVFDLR	44	>SMAD4-A43 SVYIKVFDLR	34	10
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>SMAD4-A43 SAYIKVFDLR	18	>SMAD4-A43 SVYIKVFDLR	11	7
>SMAD4-A43 SAYIKVFDL	21	>SMAD4-A43 SVYIKVFDL	254	233
>SMAD4-A43 SAYIKVFDLR	194	>SMAD4-A43 SVYIKVFDLR	188	6
>SMAD4-A43 SAYIKVFDLR	406	>SMAD4-A43 SVYIKVFDLR	160	246
>SMAD4-A43 GDAVHKIYPS	5858	>SMAD4-A43 GDAVHKIYPS	301	5557

>SMAD4-A43 PSAYIKVFDLF	44	>SMAD4-A43 PSVYIKVFDLF	105	61
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>SMAD4-A43 PSAYIKVF	253	>SMAD4-A43 PSVYIKVF	379	126
>SMAD4-A43 YPSAYIKVFDL	69	>SMAD4-A43 YPSVYIKVFDL	461	392
>SMAD4-A43 YPSAYIKV	386	>SMAD4-A43 YPSVYIKV	805	419
>SMAD4-A43 YPSAYIKV	459	>SMAD4-A43 YPSVYIKV	1445	986
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>SMAD4-A43 YPSAYIKVFDL	83	>SMAD4-A43 YPSVYIKVFDL	133	50
>SMAD4-A43 YPSAYIKVF	436	>SMAD4-A43 YPSVYIKVF	410	26
>SMAD4-A43 YPSAYIKVFDL	332	>SMAD4-A43 YPSVYIKVFDL	332	0
>SMAD4-A43 YPSAYIKVF	35	>SMAD4-A43 YPSVYIKVF	42	7
>SMAD4-A43 YPSAYIKVF	14	>SMAD4-A43 YPSVYIKVF	20	6
>SMAD4-A43 YPSAYIKVFDL	127	>SMAD4-A43 YPSVYIKVFDL	215	88
>SMAD4-A43 YPSAYIKVF	417	>SMAD4-A43 YPSVYIKVF	2082	1665
>SMAD4-A43 YPSAYIKVFDL	87	>SMAD4-A43 YPSVYIKVFDL	256	169
>SMAD4-A43 YPSAYIKV	334	>SMAD4-A43 YPSVYIKV	244	90
>SMAD4-A43 YPSAYIKVF	164	>SMAD4-A43 YPSVYIKVF	138	26
>SMAD4-A43 YPSAYIKVFDL	249	>SMAD4-A43 YPSVYIKVFDL	249	0
>SMAD4-A43 YPSAYIKV	223	>SMAD4-A43 YPSVYIKV	239	16
>SMAD4-A43 YPSAYIKVF	7	>SMAD4-A43 YPSVYIKVF	9	2
>SMAD4-A43 YPSAYIKVFDL	106	>SMAD4-A43 YPSVYIKVFDL	230	124
>SMAD4-A43 YPSAYIKVF	23	>SMAD4-A43 YPSVYIKVF	18	5
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>SMAD4-A43 IYPSAYIKVF	18	>SMAD4-A43 IYPSVYIKVF	14	4
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>SMAD4-A43 IYPSAYIKV	130	>SMAD4-A43 IYPSVYIKV	86	44
>SMAD4-A43 IYPSAYIKVF	32	>SMAD4-A43 IYPSVYIKVF	33	1
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>SMAD4-A43 IYPSAYIKVF	334	>SMAD4-A43 IYPSVYIKVF	461	127
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>SMAD4-A43 IYPSAYIKVF	56	>SMAD4-A43 IYPSVYIKVF	100	44
>SMAD4-A43 IYPSAYIK	130	>SMAD4-A43 IYPSVYIK	151	21
>SMAD4-A43 IYPSAYIKV	345	>SMAD4-A43 IYPSVYIKV	245	100
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>SMAD4-A43 KIYPSAYIKV	91	>SMAD4-A43 KIYPSVYIKV	76	15
>SMAD4-A43 KIYPSAYI	39	>SMAD4-A43 KIYPSVYI	32	7
>SMAD4-A43 KIYPSAYIKV	84	>SMAD4-A43 KIYPSVYIKV	69	15
>SMAD4-A43 KIYPSAYI	17	>SMAD4-A43 KIYPSVYI	15	2
>SMAD4-A43 KIYPSAYIKV	52	>SMAD4-A43 KIYPSVYIKV	43	9

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>SMAD4-A43KIYPSAYIKV	67	>SMAD4-A43KIYPSVYIKV	61	6
>SMAD4-A43KIYPSAYI	7	>SMAD4-A43KIYPSVYI	5	2
>SMAD4-A43KIYPSAYIKV	6	>SMAD4-A43KIYPSVYIKV	3	3
>SMAD4-A43KIYPSAYI	38	>SMAD4-A43KIYPSVYI	38	0
>SMAD4-A43KIYPSAYIKV	44	>SMAD4-A43KIYPSVYIKV	27	17
>SMAD4-A43KIYPSAYI	37	>SMAD4-A43KIYPSVYI	20	17
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>SMAD4-A43KIYPSAYIK	27	>SMAD4-A43KIYPSVYIK	27	0
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>SMAD4-A43KIYPSAYIKVF	666	>SMAD4-A43KIYPSVYIKVF	498	168
>SMAD4-A43KIYPSAYI	39	>SMAD4-A43KIYPSVYI	45	6
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>SMAD4-A43KIYPSAYIKV	121	>SMAD4-A43KIYPSVYIKV	158	37
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>SMAD4-A43KIYPSAYI	83	>SMAD4-A43KIYPSVYI	33	50
>SMAD4-A43KIYPSAYIKV	487	>SMAD4-A43KIYPSVYIKV	319	168
>SMAD4-A43KIYPSAYIKVF	28	>SMAD4-A43KIYPSVYIKVF	32	4
>SMAD4-A43KIYPSAYIK	292	>SMAD4-A43KIYPSVYIK	293	1
>SMAD4-A43KIYPSAYI	378	>SMAD4-A43KIYPSVYI	620	242
>SMAD4-A43KIYPSAYIKV	250	>SMAD4-A43KIYPSVYIKV	312	62
>SMAD4-A43KIYPSAYIKVF	68	>SMAD4-A43KIYPSVYIKVF	60	8
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>SMAD4-A43KIYPSAYIKVF	8	>SMAD4-A43KIYPSVYIKVF	7	1
>SMAD4-A43KIYPSAYI	25	>SMAD4-A43KIYPSVYI	63	38
>SMAD4-A43KIYPSAYIKV	412	>SMAD4-A43KIYPSVYIKV	758	346
>SMAD4-A43KIYPSAYIKVF	5	>SMAD4-A43KIYPSVYIKVF	6	1
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>SMAD4-A43KIYPSAYI	54	>SMAD4-A43KIYPSVYI	71	17
>SMAD4-A43KIYPSAYIKVF	41	>SMAD4-A43KIYPSVYIKVF	42	1
>SMAD4-A43KIYPSAYIKVF	297	>SMAD4-A43KIYPSVYIKVF	490	193
>SMAD4-A43KIYPSAYIKVF	398	>SMAD4-A43KIYPSVYIKVF	238	160
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>SMAD4-A43HKIYPSAY	292	>SMAD4-A43HKIYPSVY	839	547
>SMAD4-A43HKIYPSAYI	122	>SMAD4-A43HKIYPSVYI	156	34
>SMAD4-A43HKIYPSAYIKV	382	>SMAD4-A43HKIYPSVYIKV	285	97
>SMAD4-A43HKIYPSAY	289	>SMAD4-A43HKIYPSVY	628	339
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>SMAD4-A43 HKIYPSAYI	25	>SMAD4-A43 HKIYPSVYI	13	12
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>SMAD4-A43 HKIYPSAYIKV	60	>SMAD4-A43 HKIYPSVYIKV	58	2
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>SMAD4-A43 AVHKIYPSAYI	220	>SMAD4-A43 AVHKIYPSVYI	625	405
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>SMAD4-A43 AVHKIYPSAY	123	>SMAD4-A43 AVHKIYPSVY	99	24
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>SMAD4-A43 AVHKIYPSAY	105	>SMAD4-A43 AVHKIYPSVY	204	99
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>SMAD4-A43 AVHKIYPSAYI	297	>SMAD4-A43 AVHKIYPSVYI	356	59
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>SMAD4-A45 AAAAQAAAV	100	>SMAD4-A45 SAAQAQAAV	152	52
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>SMAD4-A45 AAAAQAAAV	106	>SMAD4-A45 SAAQAQAAV	17	89
>SMAD4-A45 AAAAQAAAV	262	>SMAD4-A45 SAAQAQAAV	24	238

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>SMAD4-A45 AAAAAQAAA	76	>SMAD4-A45 ASAAAQAAA	4049	3973
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>SMAD4-A45 AAAAAQAAA	344	>SMAD4-A45 ASAAAQAAA	403	59
>SMAD4-A45 AAAAAQAAA	72	>SMAD4-A45 ASAAAQAAA	69	3
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>SMAD4-A45 MQQQAATAI	136	>SMAD4-A45 MQQQAATAI	749	613
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>SMAD4-A45 AQAAAAAQAA	118	>SMAD4-A45 AQASAAAQA	147	29
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>SMAD4-A45 AQAAAAAQAA	421	>SMAD4-A45 AQASAAAQA	194	227
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>SMAD4-A45 ATAQAAAAA	819	>SMAD4-A45 ATAQASAAA	305	514
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>SMAD4-A45 ATAQAAAAA	315	>SMAD4-A45 ATAQASAAA	252	63
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>SMAD4-A45 ATAQAAAAA	325	>SMAD4-A45 ATAQASAAA	475	150
>SMAD4-A45 QAATAQAA	359	>SMAD4-A45 QAATAQAS	4117	3758
>SMAD4-A45 QAATAQAAA	56	>SMAD4-A45 QAATAQASA	56	0
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>SMAD4-A45 QQAATAQAA	487	>SMAD4-A45 QQAATAQAS	426	61

>SMAD4-A45 QQAATAQAA	72	>SMAD4-A45 QQAATAQAS	1845	1773
>SMAD4-A45 QQAATAQAA	50	>SMAD4-A45 QQAATAQAS	82	32
>SMAD4-A45 QQAATAQAA	404	>SMAD4-A45 QQAATAQAS	3404	3000
>SMAD4-A45 QQAATAQAA	345	>SMAD4-A45 QQAATAQAS	376	31
>SMAD4-A45 QQAATAQAA	321	>SMAD4-A45 QQAATAQAS	339	18
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>SMAD4-A45 QQAATAQAA	222	>SMAD4-A45 QQAATAQAS	252	30
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>SMAD4-A45 QQAATAQAA	426	>SMAD4-A45 QQAATAQAS	8129	7703
>SMAD4-A45 QQQAATAQ/	231	>SMAD4-A45 QQQAATAQ/	275	44
>SMAD4-A45 QQQAATAQ/	325	>SMAD4-A45 QQQAATAQ/	2506	2181
>SMAD4-A45 QQQAATAQ/	285	>SMAD4-A45 QQQAATAQ/	309	24
>SMAD4-C11 CQYAFDLK	187	>SMAD4-C11 RQYAFDLK	44	143
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>SMAD4-C11 CQYAFDLK	1618	>SMAD4-C11 RQYAFDLK	62	1556
>SMAD4-C11 CQYAFDLK	1668	>SMAD4-C11 RQYAFDLK	181	1487
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>SMAD4-C11 CQYAFDLKC	8197	>SMAD4-C11 RQYAFDLKC	234	7963
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>SMAD4-C11 CQYAFDLKC	18762	>SMAD4-C11 RQYAFDLKC	325	18437
>SMAD4-C11 CQYAFDLK	357	>SMAD4-C11 RQYAFDLK	95	262
>SMAD4-C11 YCQYAFDL	5715	>SMAD4-C11 YRQYAFDL	462	5253
>SMAD4-C11 YCQYAFDL	22740	>SMAD4-C11 YRQYAFDL	89	22651
>SMAD4-C11 YCQYAFDLK	20314	>SMAD4-C11 YRQYAFDLK	45	20269
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>SMAD4-C11 YCQYAFDL	25686	>SMAD4-C11 YRQYAFDL	235	25451
>SMAD4-C11 YCQYAFDLK	31817	>SMAD4-C11 YRQYAFDLK	82	31735
>SMAD4-C11 HKNELKHVKY	32467	>SMAD4-C11 HKNELKHVKY	59	32408
>SMAD4-C11 KYCQYAFDL	436	>SMAD4-C11 KYRQYAFDL	473	37
>SMAD4-C11 KYCQYAFDL	188	>SMAD4-C11 KYRQYAFDL	219	31
>SMAD4-C11 KYCQYAFDL	10	>SMAD4-C11 KYRQYAFDL	24	14
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>SMAD4-C11 KYCQYAFDLK	137	>SMAD4-C11 KYRQYAFDLK	4	133
>SMAD4-C11 KYCQYAFDLK	10357	>SMAD4-C11 KYRQYAFDLK	380	9977
>SMAD4-C11 KYCQYAFDLK	355	>SMAD4-C11 KYRQYAFDLK	429	74
>SMAD4-C11 KYCQYAFDLK	350	>SMAD4-C11 KYRQYAFDLK	549	199
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>SMAD4-C11 KYCQYAFDL	306	>SMAD4-C11 KYRQYAFDL	262	44
>SMAD4-C11 VKYCQYAF	2	>SMAD4-C11 VKYRQYAF	2	0
>SMAD4-C11 VKYCQYAFDL	15	>SMAD4-C11 VKYRQYAFDL	21	6

>SMAD4-C11VKYCQYAFDL	351	>SMAD4-C11VKYRQYAFDL	597	246
>SMAD4-C11HVKYCQYAF	249	>SMAD4-C11HVKYRQYAF	533	284
>SMAD4-C11HVKYCQYA	17	>SMAD4-C11HVKYRQYA	7	10
>SMAD4-C11HVKYCQYAF	1345	>SMAD4-C11HVKYRQYAF	254	1091
>SMAD4-C11HVKYCQYAFI	256	>SMAD4-C11HVKYRQYAFI	123	133
>SMAD4-C11HVKYCQYAFI	379	>SMAD4-C11HVKYRQYAFI	127	252
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>SMAD4-C11HVKYCQYA	286	>SMAD4-C11HVKYRQYA	640	354
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>SMAD4-C11HVKYCQYAFI	3006	>SMAD4-C11HVKYRQYAFI	253	2753
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>SMAD4-C11HVKYCQYAF	50	>SMAD4-C11HVKYRQYAF	157	107
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>SMAD4-C11HVKYCQYAF	520	>SMAD4-C11HVKYRQYAF	238	282
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>SMAD4-C11KHVKYCQY	80	>SMAD4-C11KHVKYRQY	106	26
>SMAD4-C11KHVKYCQYAF	8	>SMAD4-C11KHVKYRQYAF	8	0
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>SMAD4-C11LKHVKYCQYA	431	>SMAD4-C11LKHVKYRQYA	539	108
>SMAD4-C11LKHVKYCQYA	4	>SMAD4-C11LKHVKYRQYA	5	1
>SMAD4-C11ELKHVKYCQY	339	>SMAD4-C11ELKHVKYRQY	572	233
>SMAD4-C11ELKHVKYC	20275	>SMAD4-C11ELKHVKYR	80	20195
>SMAD4-C11ELKHVKYC	24889	>SMAD4-C11ELKHVKYR	30	24859
>SMAD4-C11ELKHVKYC	34047	>SMAD4-C11ELKHVKYR	31	34016
>SMAD4-C11ELKHVKYCQY	342	>SMAD4-C11ELKHVKYRQY	978	636
>SMAD4-C11ELKHVKYC	35225	>SMAD4-C11ELKHVKYR	125	35100
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>SMAD4-C11NELKHVKYCC	149	>SMAD4-C11NELKHVKYRC	108	41
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>SMAD4-C11KNELKHVKYC	22796	>SMAD4-C11KNELKHVKYR	69	22727
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>SMAD4-C25MCHRQGGES	22151	>SMAD4-C25MYHRQGGES	457	21694
>SMAD4-C25MCHRQGGES	22066	>SMAD4-C25MYHRQGGES	289	21777
>SMAD4-C25MCHRQGGES	3419	>SMAD4-C25MYHRQGGES	383	3036
>SMAD4-C25ACLSIVHSLM	21361	>SMAD4-C25ACLSIVHSLM	68	21293
>SMAD4-C25ACLSIVHSLM	27955	>SMAD4-C25ACLSIVHSLM	345	27610
>SMAD4-C25ACLSIVHSLM	24670	>SMAD4-C25ACLSIVHSLM	32	24638



>SMAD4-C25 ACLSIVHSLM	11582	>SMAD4-C25 ACLSIVHSLM	74	11508
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>SMAD4-C25 VHSLMCHR	864	>SMAD4-C25 VHSLMYHR	413	451
>SMAD4-C25 IVHSLMCH	2290	>SMAD4-C25 IVHSLMYH	391	1899
>SMAD4-C25 IVHSLMCHR	564	>SMAD4-C25 IVHSLMYHR	136	428
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>SMAD4-C25 IVHSLMCHR	66	>SMAD4-C25 IVHSLMYHR	31	35
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>SMAD4-C25 SIVHSLMCH	1688	>SMAD4-C25 SIVHSLMYH	277	1411
>SMAD4-C25 SIVHSLMCHR	158	>SMAD4-C25 SIVHSLMYHR	48	110
>SMAD4-C25 SIVHSLMC	17891	>SMAD4-C25 SIVHSLMY	218	17673
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>SMAD4-C25 SIVHSLMC	14564	>SMAD4-C25 SIVHSLMY	21	14543
>SMAD4-C25 SIVHSLMC	28702	>SMAD4-C25 SIVHSLMY	276	28426
>SMAD4-C25 SIVHSLMCHR	50	>SMAD4-C25 SIVHSLMYHR	31	19
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>SMAD4-C25 SIVHSLMC	24021	>SMAD4-C25 SIVHSLMY	27	23994
>SMAD4-C25 SIVHSLMC	15782	>SMAD4-C25 SIVHSLMY	103	15679
>SMAD4-C25 SIVHSLMC	30296	>SMAD4-C25 SIVHSLMY	497	29799
>SMAD4-C25 SIVHSLMC	16131	>SMAD4-C25 SIVHSLMY	467	15664
>SMAD4-C25 SIVHSLMC	19476	>SMAD4-C25 SIVHSLMY	104	19372
>SMAD4-C25 SIVHSLMCHR	92	>SMAD4-C25 SIVHSLMYHR	97	5
>SMAD4-C25 SIVHSLMCHR	957	>SMAD4-C25 SIVHSLMYHR	310	647
>SMAD4-C25 SIVHSLMCHR	85	>SMAD4-C25 SIVHSLMYHR	41	44
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>SMAD4-C25 LSIVHSLMC	33469	>SMAD4-C25 LSIVHSLMY	498	32971
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>SMAD4-C25 LSIVHSLMC	30096	>SMAD4-C25 LSIVHSLMY	326	29770
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>SMAD4-C25 LSIVHSLMCH	5253	>SMAD4-C25 LSIVHSLMYH	482	4771
>SMAD4-C25 LSIVHSLMCH	43	>SMAD4-C25 LSIVHSLMYH	29	14
>SMAD4-C25 LSIVHSLMC	24205	>SMAD4-C25 LSIVHSLMY	302	23903
>SMAD4-C25 LSIVHSLMC	9553	>SMAD4-C25 LSIVHSLMY	41	9512
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>SMAD4-C25 LSIVHSLMC	2107	>SMAD4-C25 LSIVHSLMY	3	2104
>SMAD4-C25 LSIVHSLMCH	1672	>SMAD4-C25 LSIVHSLMYH	277	1395
>SMAD4-C25 LSIVHSLMC	19716	>SMAD4-C25 LSIVHSLMY	160	19556

>SMAD4-C25 LSIVHSLMC	3552	>SMAD4-C25 LSIVHSLMY	43	3509
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>SMAD4-C25 LSIVHSLMCH	221	>SMAD4-C25 LSIVHSLMYH	134	87
>SMAD4-C25 CLSIVHSLMC	33401	>SMAD4-C25 CLSIVHSLMY	461	32940
>SMAD4-C25 CLSIVHSLMC	12952	>SMAD4-C25 CLSIVHSLMY	235	12717
>SMAD4-C25 CLSIVHSLMC	25428	>SMAD4-C25 CLSIVHSLMY	123	25305
>SMAD4-C25 CLSIVHSLMC	30344	>SMAD4-C25 CLSIVHSLMY	441	29903
>SMAD4-C25 CLSIVHSLMC	24551	>SMAD4-C25 CLSIVHSLMY	30	24521
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>SMAD4-C25 CLSIVHSLMC	17672	>SMAD4-C25 CLSIVHSLMY	103	17569
>SMAD4-C32 CSIAYFEM	2390	>SMAD4-C32 YSIAYFEM	210	2180
>SMAD4-C32 CSIAYFEM	299	>SMAD4-C32 YSIAYFEM	75	224
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>SMAD4-C32 CSIAYFEMDV	2890	>SMAD4-C32 YSIAYFEMDV	265	2625
>SMAD4-C32 CSIAYFEM	2234	>SMAD4-C32 YSIAYFEM	38	2196
>SMAD4-C32 CSIAYFEMDV	1773	>SMAD4-C32 YSIAYFEMDV	95	1678
>SMAD4-C32 CSIAYFEM	209	>SMAD4-C32 YSIAYFEM	28	181
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>SMAD4-C32 CSIAYFEMDV	56	>SMAD4-C32 YSIAYFEMDV	22	34
>SMAD4-C32 CSIAYFEM	5273	>SMAD4-C32 YSIAYFEM	177	5096
>SMAD4-C32 CSIAYFEMDV	4824	>SMAD4-C32 YSIAYFEMDV	240	4584
>SMAD4-C32 CSIAYFEM	2225	>SMAD4-C32 YSIAYFEM	132	2093
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>SMAD4-C32 CSIAYFEM	85	>SMAD4-C32 YSIAYFEM	47	38
>SMAD4-C32 CSIAYFEM	962	>SMAD4-C32 YSIAYFEM	96	866
>SMAD4-C32 CSIAYFEM	317	>SMAD4-C32 YSIAYFEM	2128	1811
>SMAD4-C32 WCSIAYFEM	17712	>SMAD4-C32 WYSIAYFEM	227	17485
>SMAD4-C32 WCSIAYFEM	16042	>SMAD4-C32 WYSIAYFEM	241	15801
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>SMAD4-C32 WCSIAYFEMI	21181	>SMAD4-C32 WYSIAYFEMI	287	20894
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>SMAD4-C32 WCSIAYFEM	143	>SMAD4-C32 WYSIAYFEM	354	211
>SMAD4-C32 ISNHPAPEYV	23735	>SMAD4-C32 ISNHPAPEYV	383	23352
>SMAD4-C32 ISNHPAPEYV	17108	>SMAD4-C32 ISNHPAPEYV	25	17083
>SMAD4-C32 ISNHPAPEYV	15660	>SMAD4-C32 ISNHPAPEYV	255	15405
>SMAD4-C32 ISNHPAPEYV	5126	>SMAD4-C32 ISNHPAPEYV	5	5121
>SMAD4-C32 ISNHPAPEYV	12838	>SMAD4-C32 ISNHPAPEYV	205	12633

>SMAD4-C32 ISNHPAPEYM	12020	>SMAD4-C32 ISNHPAPEYM	154	11866
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>SMAD4-C32 ISNHPAPEYM	36219	>SMAD4-C32 ISNHPAPEYM	172	36047
>SMAD4-C32 YWCSIAYF	46	>SMAD4-C32 YWYSIAYF	15	31
>SMAD4-C32 YWCSIAYFEM	277	>SMAD4-C32 YWYSIAYFEM	180	97
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>SMAD4-C32 YWCSIAYFEM	29	>SMAD4-C32 YWYSIAYFEM	23	6
>SMAD4-C32 YWCSIAYF	92	>SMAD4-C32 YWYSIAYF	31	61
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>SMAD4-C32 YWCSIAYF	552	>SMAD4-C32 YWYSIAYF	38	514
>SMAD4-C32 YWCSIAYFEM	5652	>SMAD4-C32 YWYSIAYFEM	464	5188
>SMAD4-C32 YWCSIAYFE	349	>SMAD4-C32 YWYSIAYFE	178	171
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>SMAD4-C32 YWCSIAYFE	131	>SMAD4-C32 YWYSIAYFE	48	83
>SMAD4-C32 YWCSIAYFEM	2592	>SMAD4-C32 YWYSIAYFEM	358	2234
>SMAD4-C32 YWCSIAYFEM	701	>SMAD4-C32 YWYSIAYFEM	261	440
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>SMAD4-C32 EYWCSIAYFEI	309	>SMAD4-C32 EYWYSIAYFEI	339	30
>SMAD4-C32 EYWCSIAYF	271	>SMAD4-C32 EYWYSIAYF	214	57
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>SMAD4-C32 EYWCSIAY	199	>SMAD4-C32 EYWYSIAY	116	83
>SMAD4-C32 EYWCSIAYF	52	>SMAD4-C32 EYWYSIAYF	28	24
>SMAD4-C32 EYWCSIAYFEI	645	>SMAD4-C32 EYWYSIAYFEI	400	245
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>SMAD4-C32 EYWCSIAY	1095	>SMAD4-C32 EYWYSIAY	257	838
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>SMAD4-C32 EYWCSIAYFEI	430	>SMAD4-C32 EYWYSIAYFEI	1105	675
>SMAD4-C32 EYWCSIAY	466	>SMAD4-C32 EYWYSIAY	438	28
>SMAD4-C32 EYWCSIAYF	218	>SMAD4-C32 EYWYSIAYF	220	2
>SMAD4-C32 EYWCSIAY	41	>SMAD4-C32 EYWYSIAY	65	24
>SMAD4-C32 EYWCSIAYFEI	326	>SMAD4-C32 EYWYSIAYFEI	628	302
>SMAD4-C32 EYWCSIAYFE	292	>SMAD4-C32 EYWYSIAYFE	520	228
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>SMAD4-C32 PEYWCSIAYF	362	>SMAD4-C32 PEYWYSIAYF	274	88
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>SMAD4-C32 PEYWCSIAYF	177	>SMAD4-C32 PEYWYSIAYF	603	426
>SMAD4-C32 PEYWCSIAYF	84	>SMAD4-C32 PEYWYSIAYF	87	3
>SMAD4-C32 PEYWCSIAY	185	>SMAD4-C32 PEYWYSIAY	169	16

>SMAD4-C32 PEYWCSIA YF	133	>SMAD4-C32 PEYWYSIA YF	112	21
>SMAD4-C32 PEYWCSIA	482	>SMAD4-C32 PEYWYSIA	131	351
>SMAD4-C32 APEYWCSIA Y	226	>SMAD4-C32 APEYWYSIA Y	209	17
>SMAD4-C32 APEYWCSI	309	>SMAD4-C32 APEYWYSI	236	73
>SMAD4-C32 APEYWCSIA Y	518	>SMAD4-C32 APEYWYSIA Y	285	233
>SMAD4-C32 APEYWCSI	320	>SMAD4-C32 APEYWYSI	88	232
>SMAD4-C32 APEYWCSIA Y	1104	>SMAD4-C32 APEYWYSIA Y	438	666
>SMAD4-C32 APEYWCSIA Y	519	>SMAD4-C32 APEYWYSIA Y	194	325
>SMAD4-C32 APEYWCSIA	1321	>SMAD4-C32 APEYWYSIA	315	1006
>SMAD4-C32 APEYWCSIA Y	416	>SMAD4-C32 APEYWYSIA Y	597	181
>SMAD4-C32 APEYWCSIA Y	47	>SMAD4-C32 APEYWYSIA Y	29	18
>SMAD4-C32 APEYWCSIA Y	107	>SMAD4-C32 APEYWYSIA Y	33	74
>SMAD4-C32 APEYWCSIA Y	64	>SMAD4-C32 APEYWYSIA Y	23	41
>SMAD4-C32 PAPEYWCSIA	144	>SMAD4-C32 PAPEYWYSIA	109	35
>SMAD4-C32 PAPEYWCSI	2038	>SMAD4-C32 PAPEYWYSI	136	1902
>SMAD4-C32 HPAPEYWCSI	655	>SMAD4-C32 HPAPEYWYSI	338	317
>SMAD4-C32 HPAPEYWC	1234	>SMAD4-C32 HPAPEYWY	13	1221
>SMAD4-C32 HPAPEYWCS	425	>SMAD4-C32 HPAPEYWYS	1364	939
>SMAD4-C32 HPAPEYWCSI	281	>SMAD4-C32 HPAPEYWYSI	556	275
>SMAD4-C32 HPAPEYWCSI	249	>SMAD4-C32 HPAPEYWYSI	285	36
>SMAD4-C32 HPAPEYWCSI	289	>SMAD4-C32 HPAPEYWYSI	131	158
>SMAD4-C32 HPAPEYWC	9465	>SMAD4-C32 HPAPEYWY	69	9396
>SMAD4-C32 HPAPEYWCSI	1116	>SMAD4-C32 HPAPEYWYSI	199	917
>SMAD4-C32 HPAPEYWCSI	81	>SMAD4-C32 HPAPEYWYSI	46	35
>SMAD4-C32 HPAPEYWC	18576	>SMAD4-C32 HPAPEYWY	11	18565
>SMAD4-C32 HPAPEYWCSI	509	>SMAD4-C32 HPAPEYWYSI	116	393
>SMAD4-C32 HPAPEYWC	36743	>SMAD4-C32 HPAPEYWY	234	36509
>SMAD4-C36 CLGQLSNV	964	>SMAD4-C36 RLGQLSNV	260	704
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>SMAD4-C36 CLGQLSNV	71	>SMAD4-C36 RLGQLSNV	14	57
>SMAD4-C36 CLGQLSNV	2574	>SMAD4-C36 RLGQLSNV	339	2235
>SMAD4-C36 CLGQLSNV	21	>SMAD4-C36 RLGQLSNV	4	17
>SMAD4-C36 CLGQLSNVHF	1399	>SMAD4-C36 RLGQLSNVHF	167	1232
>SMAD4-C36 CLGQLSNV	46	>SMAD4-C36 RLGQLSNV	11	35
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>SMAD4-C36 CLGQLSNV	18	>SMAD4-C36 RLGQLSNV	16	2
>SMAD4-C36 CLGQLSNV	5	>SMAD4-C36 RLGQLSNV	3	2
>SMAD4-C36 CLGQLSNVHF	352	>SMAD4-C36 RLGQLSNVHF	92	260
>SMAD4-C36 CLGQLSNVHF	471	>SMAD4-C36 RLGQLSNVHF	61	410
>SMAD4-C36 CLGQLSNVH	5777	>SMAD4-C36 RLGQLSNVH	415	5362
>SMAD4-C36 CLGQLSNVHF	235	>SMAD4-C36 RLGQLSNVHF	61	174
>SMAD4-C36 CLGQLSNVHF	50	>SMAD4-C36 RLGQLSNVHF	23	27
>SMAD4-C36 FCLGQLSNV	139	>SMAD4-C36 FRLGQLSNV	2072	1933

>SMAD4-C3E FCLGQLSNV	35	>SMAD4-C3E FRLGQLSNV	619	584
>SMAD4-C3E FCLGQLSNV	277	>SMAD4-C3E FRLGQLSNV	4358	4081
>SMAD4-C3E FCLGQLSNV	89	>SMAD4-C3E FRLGQLSNV	1655	1566
>SMAD4-C3E FCLGQLSNV	10	>SMAD4-C3E FRLGQLSNV	131	121
>SMAD4-C3E FCLGQLSNV	212	>SMAD4-C3E FRLGQLSNV	7901	7689
>SMAD4-C3E FCLGQLSNV	22825	>SMAD4-C3E FRLGQLSNV	88	22737
>SMAD4-C3E FCLGQLSNVF	20026	>SMAD4-C3E FRLGQLSNVF	43	19983
>SMAD4-C3E FCLGQLSNVF	120	>SMAD4-C3E FRLGQLSNVF	331	211
>SMAD4-C3E YVDPSSGGDRI	36444	>SMAD4-C3E YVDPSSGGDRI	96	36348
>SMAD4-C3E RFCLGQLS	7154	>SMAD4-C3E RFRLGQLS	37	7117
>SMAD4-C3E RFCLGQLSN	5951	>SMAD4-C3E RFRLGQLSN	61	5890
>SMAD4-C3E RFCLGQLSNV	1511	>SMAD4-C3E RFRLGQLSNV	8	1503
>SMAD4-C3E RFCLGQLSNV	9045	>SMAD4-C3E RFRLGQLSNV	127	8918
>SMAD4-C3E RFCLGQLSNV	236	>SMAD4-C3E RFRLGQLSNV	256	20
>SMAD4-C3E DRFCLGQL	469	>SMAD4-C3E DRFRLGQL	248	221
>SMAD4-C3E GDRFCLGQL	454	>SMAD4-C3E GDRFRLGQL	1468	1014
>SMAD4-C3E GDRFCLGQL	307	>SMAD4-C3E GDRFRLGQL	346	39
>SMAD4-C3E DPSGGDRFC	37043	>SMAD4-C3E DPSGGDRFR	270	36773
>SMAD4-C3E CLGQLSNV	964	>SMAD4-C3E SLGQLSNV	138	826
>SMAD4-C3E CLGQLSNV	112	>SMAD4-C3E SLGQLSNV	16	96
>SMAD4-C3E CLGQLSNV	71	>SMAD4-C3E SLGQLSNV	17	54
>SMAD4-C3E CLGQLSNV	21	>SMAD4-C3E SLGQLSNV	4	17
>SMAD4-C3E CLGQLSNVHF	1399	>SMAD4-C3E SLGQLSNVHF	147	1252
>SMAD4-C3E CLGQLSNV	46	>SMAD4-C3E SLGQLSNV	13	33
>SMAD4-C3E CLGQLSNV	44	>SMAD4-C3E SLGQLSNV	6	38
>SMAD4-C3E CLGQLSNVHF	8114	>SMAD4-C3E SLGQLSNVHF	292	7822
>SMAD4-C3E CLGQLSNV	18	>SMAD4-C3E SLGQLSNV	24	6
>SMAD4-C3E CLGQLSNV	5	>SMAD4-C3E SLGQLSNV	2	3
>SMAD4-C3E CLGQLSNVHF	352	>SMAD4-C3E SLGQLSNVHF	37	315
>SMAD4-C3E CLGQLSNVHF	471	>SMAD4-C3E SLGQLSNVHF	157	314
>SMAD4-C3E CLGQLSNVHF	235	>SMAD4-C3E SLGQLSNVHF	106	129
>SMAD4-C3E CLGQLSNVHF	50	>SMAD4-C3E SLGQLSNVHF	50	0
>SMAD4-C3E FCLGQLSNV	549	>SMAD4-C3E FSLGQLSNV	217	332
>SMAD4-C3E FCLGQLSNV	139	>SMAD4-C3E FSLGQLSNV	79	60
>SMAD4-C3E FCLGQLSNV	513	>SMAD4-C3E FSLGQLSNV	130	383
>SMAD4-C3E FCLGQLSNV	594	>SMAD4-C3E FSLGQLSNV	38	556
>SMAD4-C3E FCLGQLSNV	35	>SMAD4-C3E FSLGQLSNV	68	33
>SMAD4-C3E FCLGQLSNV	277	>SMAD4-C3E FSLGQLSNV	1787	1510
>SMAD4-C3E FCLGQLSNV	89	>SMAD4-C3E FSLGQLSNV	324	235
>SMAD4-C3E FCLGQLSNV	10	>SMAD4-C3E FSLGQLSNV	65	55
>SMAD4-C3E FCLGQLSNVF	4312	>SMAD4-C3E FSLGQLSNVH	244	4068
>SMAD4-C3E FCLGQLSNVF	696	>SMAD4-C3E FSLGQLSNVH	224	472
>SMAD4-C3E FCLGQLSNVF	3225	>SMAD4-C3E FSLGQLSNVH	86	3139

>SMAD4-C3E FCLGQLSNV	2369	>SMAD4-C3E FSLGQLSNV	447	1922
>SMAD4-C3E FCLGQLSNV	212	>SMAD4-C3E FSLGQLSNV	67	145
>SMAD4-C3E FCLGQLSNV	13518	>SMAD4-C3E FSLGQLSNV	196	13322
>SMAD4-C3E FCLGQLSNV	1511	>SMAD4-C3E FSLGQLSNV	317	1194
>SMAD4-C3E FCLGQLSNVH	120	>SMAD4-C3E FSLGQLSNVH	483	363
>SMAD4-C3E RFCLGQLSNV	236	>SMAD4-C3E RFSLGQLSNV	217	19
>SMAD4-C3E DRFCLGQL	469	>SMAD4-C3E DRFSLGQL	402	67
>SMAD4-C3E GDRFCLGQL	454	>SMAD4-C3E GDRFSLGQL	985	531
>SMAD4-C3E GDRFCLGQL	307	>SMAD4-C3E GDRFSLGQL	378	71
>SMAD4-C4C CLSDHAVFV	18	>SMAD4-C4C RLSDHAVFV	10	8
>SMAD4-C4C CLSDHAVFV	4	>SMAD4-C4C RLSDHAVFV	3	1
>SMAD4-C4C CLSDHAVFVC	413	>SMAD4-C4C RLSDHAVFVC	184	229
>SMAD4-C4C CLSDHAVFV	5	>SMAD4-C4C RLSDHAVFV	3	2
>SMAD4-C4C CLSDHAVFVC	1488	>SMAD4-C4C RLSDHAVFVC	423	1065
>SMAD4-C4C CLSDHAVFV	17	>SMAD4-C4C RLSDHAVFV	5	12
>SMAD4-C4C CLSDHAVFV	5	>SMAD4-C4C RLSDHAVFV	2	3
>SMAD4-C4C CLSDHAVFV	6	>SMAD4-C4C RLSDHAVFV	3	3
>SMAD4-C4C CLSDHAVFV	10	>SMAD4-C4C RLSDHAVFV	5	5
>SMAD4-C4C CLSDHAVFV	3	>SMAD4-C4C RLSDHAVFV	3	0
>SMAD4-C4C CLSDHAVFV	3	>SMAD4-C4C RLSDHAVFV	2	1
>SMAD4-C4C CLSDHAVFVC	257	>SMAD4-C4C RLSDHAVFVC	69	188
>SMAD4-C4C CLSDHAVFVC	1420	>SMAD4-C4C RLSDHAVFVC	275	1145
>SMAD4-C4C CLSDHAVF	8524	>SMAD4-C4C RLSDHAVF	72	8452
>SMAD4-C4C CLSDHAVFV	183	>SMAD4-C4C RLSDHAVFV	1886	1703
>SMAD4-C4C CLSDHAVFV	504	>SMAD4-C4C RLSDHAVFV	473	31
>SMAD4-C4C CLSDHAVF	138	>SMAD4-C4C RLSDHAVF	40	98
>SMAD4-C4C CLSDHAVF	178	>SMAD4-C4C RLSDHAVF	20	158
>SMAD4-C4C CLSDHAVF	4742	>SMAD4-C4C RLSDHAVF	56	4686
>SMAD4-C4C RCLSDHAV	265	>SMAD4-C4C RRLSDHAV	3268	3003
>SMAD4-C4C RCLSDHAVFV	142	>SMAD4-C4C RRLSDHAVFV	2063	1921
>SMAD4-C4C RCLSDHAVFV	414	>SMAD4-C4C RRLSDHAVFV	4335	3921
>SMAD4-C4C RCLSDHAVF	462	>SMAD4-C4C RRLSDHAVF	4430	3968
>SMAD4-C4C RCLSDHAV	2499	>SMAD4-C4C RRLSDHAV	67	2432
>SMAD4-C4C RCLSDHAVF	23	>SMAD4-C4C RRLSDHAVF	3	20
>SMAD4-C4C RCLSDHAVFV	2396	>SMAD4-C4C RRLSDHAVFV	79	2317
>SMAD4-C4C RCLSDHAV	20682	>SMAD4-C4C RRLSDHAV	58	20624
>SMAD4-C4C RCLSDHAVF	17945	>SMAD4-C4C RRLSDHAVF	73	17872
>SMAD4-C4C RCLSDHAVFV	24021	>SMAD4-C4C RRLSDHAVFV	44	23977
>SMAD4-C4C RCLSDHAVFV	24390	>SMAD4-C4C RRLSDHAVFV	244	24146
>SMAD4-C4C RCLSDHAVF	37	>SMAD4-C4C RRLSDHAVF	434	397
>SMAD4-C4C RCLSDHAV	16183	>SMAD4-C4C RRLSDHAV	99	16084
>SMAD4-C4C RCLSDHAVF	18384	>SMAD4-C4C RRLSDHAVF	73	18311
>SMAD4-C4C RCLSDHAVFV	19390	>SMAD4-C4C RRLSDHAVFV	128	19262

>SMAD4-C4C RCLSDHAVFV	28404	>SMAD4-C4C RRLSDHAVFV	402	28002
>SMAD4-C4C RCLSDHAVF	22343	>SMAD4-C4C RRLSDHAVF	87	22256
>SMAD4-C4C RCLSDHAVFV	22353	>SMAD4-C4C RRLSDHAVFV	75	22278
>SMAD4-C4C RCLSDHAVF	12914	>SMAD4-C4C RRLSDHAVF	160	12754
>SMAD4-C4C VRCLSDHAVF	94	>SMAD4-C4C VRRLSHDHAVF	22	72
>SMAD4-C4C VRCLSDHAVF	717	>SMAD4-C4C VRRLSHDHAVF	285	432
>SMAD4-C4C WVRCLSDHA	255	>SMAD4-C4C WVRRLSDHA	85	170
>SMAD4-C4C WVRCLSDHA	38	>SMAD4-C4C WVRRLSDHA	47	9
>SMAD4-C4C WVRCLSDHA	77	>SMAD4-C4C WVRRLSDHA	109	32
>SMAD4-C4C WVRCLSDHA	150	>SMAD4-C4C WVRRLSDHA	230	80
>SMAD4-C4C WVRCLSDHA	110	>SMAD4-C4C WVRRLSDHA	297	187
>SMAD4-C4C WVRCLSDHA	15	>SMAD4-C4C WVRRLSDHA	14	1
>SMAD4-C4C VWVRCLSDH	1031	>SMAD4-C4C VWVRRLSDH	425	606
>SMAD4-C4C VWVRCLSD	439	>SMAD4-C4C VWVRRLSD	518	79
>SMAD4-C4C VWVRCLSDH	91	>SMAD4-C4C VWVRRLSDH	85	6
>SMAD4-C4C GDVWVRCL	412	>SMAD4-C4C GDVWVRRL	838	426
>SMAD4-C4C GEGDVWVR(C	462	>SMAD4-C4C GEGDVWVR(F	3117	2655
>SMAD4-C4C GEGDVWVR(C	69	>SMAD4-C4C GEGDVWVR(F	409	340
>SMAD4-C4C GEGDVWVR(C	186	>SMAD4-C4C GEGDVWVR(F	594	408
>SMAD4-C4C GEGDVWVR(C	467	>SMAD4-C4C GEGDVWVR(F	997	530
>SMAD4-C4C KEGGDVWVF	33715	>SMAD4-C4C KEGGDVWVF	81	33634
>SMAD4-C49 CILRMSFV	279	>SMAD4-C49 YILRMSFV	12	267
>SMAD4-C49 CILRMSFV	471	>SMAD4-C49 YILRMSFV	24	447
>SMAD4-C49 CILRMSFV	235	>SMAD4-C49 YILRMSFV	11	224
>SMAD4-C49 CILRMSFV	42	>SMAD4-C49 YILRMSFV	4	38
>SMAD4-C49 CILRMSFV	65	>SMAD4-C49 YILRMSFV	3	62
>SMAD4-C49 CILRMSFV	201	>SMAD4-C49 YILRMSFV	7	194
>SMAD4-C49 CILRMSFV	100	>SMAD4-C49 YILRMSFV	6	94
>SMAD4-C49 CILRMSFV	59	>SMAD4-C49 YILRMSFV	3	56
>SMAD4-C49 CILRMSFV	35	>SMAD4-C49 YILRMSFV	2	33
>SMAD4-C49 CILRMSFVK	106	>SMAD4-C49 YILRMSFVK	112	6
>SMAD4-C49 CILRMSFVK	19	>SMAD4-C49 YILRMSFVK	17	2
>SMAD4-C49 CILRMSFVK	109	>SMAD4-C49 YILRMSFVK	121	12
>SMAD4-C49 CILRMSFVK	419	>SMAD4-C49 YILRMSFVK	101	318
>SMAD4-C49 CILRMSFV	485	>SMAD4-C49 YILRMSFV	176	309
>SMAD4-C49 CILRMSFV	369	>SMAD4-C49 YILRMSFV	10	359
>SMAD4-C49 CILRMSFVKG	667	>SMAD4-C49 YILRMSFVKG	45	622
>SMAD4-C49 CILRMSFVKG	547	>SMAD4-C49 YILRMSFVKG	336	211
>SMAD4-C49 CILRMSFVKG	125	>SMAD4-C49 YILRMSFVKG	74	51
>SMAD4-C49 CILRMSFVKG	669	>SMAD4-C49 YILRMSFVKG	248	421
>SMAD4-C49 LCILRMSFV	26339	>SMAD4-C49 LYILRMSFV	40	26299
>SMAD4-C49 LCILRMSFV	548	>SMAD4-C49 LYILRMSFV	400	148
>SMAD4-C49 LCILRMSFV	2463	>SMAD4-C49 LYILRMSFV	226	2237

>SMAD4-C49 LCILRMSF	9869	>SMAD4-C49 LYILRMSF	47	9822
>SMAD4-C49 LCILRMSF	9472	>SMAD4-C49 LYILRMSF	103	9369
>SMAD4-C49 LCILRMSF	4559	>SMAD4-C49 LYILRMSF	9	4550
>SMAD4-C49 LCILRMSFV	26255	>SMAD4-C49 LYILRMSFV	274	25981
>SMAD4-C49 LCILRMSFVK	2301	>SMAD4-C49 LYILRMSFVK	223	2078
>SMAD4-C49 LCILRMSFVK	1088	>SMAD4-C49 LYILRMSFVK	293	795
>SMAD4-C49 LCILRMSF	274	>SMAD4-C49 LYILRMSF	356	82
>SMAD4-C49 GIGVDDLRLR	22150	>SMAD4-C49 GIGVDDLRLR	79	22071
>SMAD4-C49 RLCILRMSFV	44	>SMAD4-C49 RLYILRMSFV	16	28
>SMAD4-C49 RLCILRMSFV	100	>SMAD4-C49 RLYILRMSFV	31	69
>SMAD4-C49 RLCILRMSFV	31	>SMAD4-C49 RLYILRMSFV	13	18
>SMAD4-C49 RLCILRMSFV	131	>SMAD4-C49 RLYILRMSFV	65	66
>SMAD4-C49 RLCILRMSFV	9	>SMAD4-C49 RLYILRMSFV	2	7
>SMAD4-C49 RLCILRMSFV	444	>SMAD4-C49 RLYILRMSFV	22	422
>SMAD4-C49 RLCILRMSFV	33	>SMAD4-C49 RLYILRMSFV	6	27
>SMAD4-C49 RLCILRMSFV	1874	>SMAD4-C49 RLYILRMSFV	263	1611
>SMAD4-C49 RLCILRMSFV	7	>SMAD4-C49 RLYILRMSFV	3	4
>SMAD4-C49 RLCILRMSFVI	41	>SMAD4-C49 RLYILRMSFVI	23	18
>SMAD4-C49 RLCILRMSFVI	25	>SMAD4-C49 RLYILRMSFVI	15	10
>SMAD4-C49 RLCILRMSF	574	>SMAD4-C49 RLYILRMSF	331	243
>SMAD4-C49 RLCILRMSFV	425	>SMAD4-C49 RLYILRMSFV	152	273
>SMAD4-C49 RLCILRMSFVI	29	>SMAD4-C49 RLYILRMSFVI	15	14
>SMAD4-C49 RLCILRMSFVI	47	>SMAD4-C49 RLYILRMSFVI	22	25
>SMAD4-C49 RLCILRMSF	29	>SMAD4-C49 RLYILRMSF	9	20
>SMAD4-C49 RLCILRMSF	1984	>SMAD4-C49 RLYILRMSF	287	1697
>SMAD4-C49 RLCILRMSF	75	>SMAD4-C49 RLYILRMSF	39	36
>SMAD4-C49 RLCILRMSF	62	>SMAD4-C49 RLYILRMSF	5	57
>SMAD4-C49 RLCILRMSFV	4566	>SMAD4-C49 RLYILRMSFV	488	4078
>SMAD4-C49 RLCILRMSF	243	>SMAD4-C49 RLYILRMSF	19	224
>SMAD4-C49 RLCILRMSF	4884	>SMAD4-C49 RLYILRMSF	227	4657
>SMAD4-C49 RLCILRMSF	1244	>SMAD4-C49 RLYILRMSF	321	923
>SMAD4-C49 RLCILRMSFV	1181	>SMAD4-C49 RLYILRMSFV	305	876
>SMAD4-C49 RLCILRMSFVI	400	>SMAD4-C49 RLYILRMSFVI	175	225
>SMAD4-C49 RRLCILRMSF	471	>SMAD4-C49 RRLYLIRMSF	172	299
>SMAD4-C49 RRLCILRM	117	>SMAD4-C49 RRLYLIRM	113	4
>SMAD4-C49 RRLCILRMSF	4	>SMAD4-C49 RRLYLIRMSF	4	0
>SMAD4-C49 RRLCILRMSF\	247	>SMAD4-C49 RRLYLIRMSF\	270	23
>SMAD4-C49 RRLCILRM	11	>SMAD4-C49 RRLYLIRM	11	0
>SMAD4-C49 RRLCILRMS	40	>SMAD4-C49 RRLYLIRMS	53	13
>SMAD4-C49 RRLCILRMSF	25	>SMAD4-C49 RRLYLIRMSF	13	12
>SMAD4-C49 RRLCILRMSF\	23	>SMAD4-C49 RRLYLIRMSF\	29	6
>SMAD4-C49 RRLCILRM	13	>SMAD4-C49 RRLYLIRM	13	0
>SMAD4-C49 RRLCILRMS	97	>SMAD4-C49 RRLYLIRMS	71	26



>SMAD4-C49 RRLCILRMSF	46	>SMAD4-C49 RRLYILRMSF	55	9
>SMAD4-C49 RRLCILRMSF\	36	>SMAD4-C49 RRLYILRMSF\	29	7
>SMAD4-C49 RRLCILRM	28	>SMAD4-C49 RRLYILRM	46	18
>SMAD4-C49 RRLCILRMS	319	>SMAD4-C49 RRLYILRMS	120	199
>SMAD4-C49 RRLCILRMSF	57	>SMAD4-C49 RRLYILRMSF	36	21
>SMAD4-C49 RRLCILRMSF\	29	>SMAD4-C49 RRLYILRMSF\	15	14
>SMAD4-C49 LRRLCILRMSF	1581	>SMAD4-C49 LRRLYILRMSF	454	1127
>SMAD4-C49 LRRLCILRM	580	>SMAD4-C49 LRRLYILRM	384	196
>SMAD4-C49 LRRLCILRMSF	24	>SMAD4-C49 LRRLYILRMSF	16	8
>SMAD4-C49 LRRLCILR	864	>SMAD4-C49 LRRLYILR	185	679
>SMAD4-C49 LRRLCILRM	209	>SMAD4-C49 LRRLYILRM	53	156
>SMAD4-C49 LRRLCILRMSF	421	>SMAD4-C49 LRRLYILRMSF	161	260
>SMAD4-C49 LRRLCILRM	308	>SMAD4-C49 LRRLYILRM	182	126
>SMAD4-C49 LRRLCILRMSF	424	>SMAD4-C49 LRRLYILRMSF	327	97
>SMAD4-C49 LRRLCILRM	58	>SMAD4-C49 LRRLYILRM	41	17
>SMAD4-C49 LRRLCILRMS	436	>SMAD4-C49 LRRLYILRMS	510	74
>SMAD4-C49 LRRLCILRMSF	43	>SMAD4-C49 LRRLYILRMSF	36	7
>SMAD4-C49 DLRRRCILR	767	>SMAD4-C49 DLRRLYILR	116	651
>SMAD4-C49 DLRRRCILR	10	>SMAD4-C49 DLRRLYILR	9	1
>SMAD4-C49 DLRRRCILR	337	>SMAD4-C49 DLRRLYILR	457	120
>SMAD4-C49 DLRRRCIL	181	>SMAD4-C49 DLRRLYIL	128	53
>SMAD4-C49 DDLRRRCILR	658	>SMAD4-C49 DDLRRLYILR	316	342
>SMAD4-C49 VDDLRRRCI	359	>SMAD4-C49 VDDLRRLYI	424	65
>SMAD4-C49 VDDLRRRCI	551	>SMAD4-C49 VDDLRRLYI	486	65
>SMAD4-C49 VDDLRRRCI	616	>SMAD4-C49 VDDLRRLYI	346	270
>SMAD4-C49 GVDDLRRRC	20979	>SMAD4-C49 GVDDLRRLY	155	20824
>SMAD4-C49 GVDDLRRRC	15352	>SMAD4-C49 GVDDLRRLY	139	15213
>SMAD4-C52 CWIEIHLHRA	454	>SMAD4-C52 WWIEIHLHR/	1791	1337
>SMAD4-C52 CWIEIHLHRA	80	>SMAD4-C52 WWIEIHLHR/	92	12
>SMAD4-C52 CWIEIHLH	1253	>SMAD4-C52 WWIEIHLH	360	893
>SMAD4-C52 CWIEIHLHR	203	>SMAD4-C52 WWIEIHLHR	1034	831
>SMAD4-C52 CWIEIHLHR	220	>SMAD4-C52 WWIEIHLHR	694	474
>SMAD4-C52 CWIEIHLHR	9	>SMAD4-C52 WWIEIHLHR	9	0
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>SMAD4-C52 CWIEIHLHRA	79	>SMAD4-C52 WWIEIHLHR/	225	146
>SMAD4-C52 PCWIEIHLH	13781	>SMAD4-C52 PWWIEIHLH	446	13335
>SMAD4-C52 PCWIEIHLHR	31	>SMAD4-C52 PWWIEIHLHF	9	22
>SMAD4-C52 PCWIEIHL	37893	>SMAD4-C52 PWWIEIHL	457	37436
>SMAD4-C52 PCWIEIHLHR	37847	>SMAD4-C52 PWWIEIHLHF	332	37515
>SMAD4-C52 YPRQSIKETP\	33	>SMAD4-C52 YPRQSIKETP\	15	18
>SMAD4-C52 YPRQSIKETP\	22530	>SMAD4-C52 YPRQSIKETP\	136	22394
>SMAD4-C52 YPRQSIKETP\	824	>SMAD4-C52 YPRQSIKETP\	139	685
>SMAD4-C52 YPRQSIKETP\	25681	>SMAD4-C52 YPRQSIKETP\	139	25542

>SMAD4-C52YPRQSIKETPC	18686	>SMAD4-C52YPRQSIKETPV	23	18663
>SMAD4-C52TPCWIEIHL	192	>SMAD4-C52TPWWIEIHL	245	53
>SMAD4-C52TPCWIEIHLHI	2111	>SMAD4-C52TPWWIEIHLF	450	1661
>SMAD4-C52TPCWIEIHLHI	677	>SMAD4-C52TPWWIEIHLF	227	450
>SMAD4-C52TPCWIEIHLHI	94	>SMAD4-C52TPWWIEIHLF	186	92
>SMAD4-C52TPCWIEIH	328	>SMAD4-C52TPWWIEIH	40	288
>SMAD4-C52TPCWIEIHL	1010	>SMAD4-C52TPWWIEIHL	92	918
>SMAD4-C52TPCWIEIHL	1691	>SMAD4-C52TPWWIEIHL	151	1540
>SMAD4-C52TPCWIEIHLHI	63	>SMAD4-C52TPWWIEIHLF	22	41
>SMAD4-C52ETPCWIEI	1636	>SMAD4-C52ETPWWIEI	321	1315
>SMAD4-C52ETPCWIEI	635	>SMAD4-C52ETPWWIEI	418	217
>SMAD4-C52ETPCWIEIH	70	>SMAD4-C52ETPWWIEIH	58	12
>SMAD4-C52ETPCWIEIHL	38	>SMAD4-C52ETPWWIEIHL	36	2
>SMAD4-C52ETPCWIEIHLF	173	>SMAD4-C52ETPWWIEIHL	154	19
>SMAD4-C52ETPCWIEIHL	403	>SMAD4-C52ETPWWIEIHL	926	523
>SMAD4-C52ETPCWIEIHLF	646	>SMAD4-C52ETPWWIEIHL	311	335
>SMAD4-C52ETPCWIEI	6	>SMAD4-C52ETPWWIEI	7	1
>SMAD4-C52ETPCWIEIHL	18	>SMAD4-C52ETPWWIEIHL	16	2
>SMAD4-C52ETPCWIEI	41	>SMAD4-C52ETPWWIEI	12	29
>SMAD4-C52ETPCWIEIHL	109	>SMAD4-C52ETPWWIEIHL	57	52
>SMAD4-C52ETPCWIEIH	1060	>SMAD4-C52ETPWWIEIH	269	791
>SMAD4-C52ETPCWIEIHL	23	>SMAD4-C52ETPWWIEIHL	10	13
>SMAD4-C52ETPCWIEIHLF	127	>SMAD4-C52ETPWWIEIHL	42	85
>SMAD4-C52ETPCWIEI	419	>SMAD4-C52ETPWWIEI	224	195
>SMAD4-C52KETPCWIEI	71	>SMAD4-C52KETPWWIEI	39	32
>SMAD4-C52KETPCWIEI	1143	>SMAD4-C52KETPWWIEI	412	731
>SMAD4-C52KETPCWIEI	20	>SMAD4-C52KETPWWIEI	70	50
>SMAD4-C52KETPCWIEIHI	11	>SMAD4-C52KETPWWIEIF	22	11
>SMAD4-C52KETPCWIEI	20	>SMAD4-C52KETPWWIEI	56	36
>SMAD4-C52KETPCWIEIHI	68	>SMAD4-C52KETPWWIEIF	139	71
>SMAD4-C52KETPCWIEI	406	>SMAD4-C52KETPWWIEI	779	373
>SMAD4-C52KETPCWIEI	462	>SMAD4-C52KETPWWIEI	121	341
>SMAD4-C52KETPCWIEI	10	>SMAD4-C52KETPWWIEI	6	4
>SMAD4-C52KETPCWIEIHI	87	>SMAD4-C52KETPWWIEIF	59	28
>SMAD4-C52SIKETPCWI	5736	>SMAD4-C52SIKETPWWI	330	5406
>SMAD4-C52SIKETPCWIEI	1742	>SMAD4-C52SIKETPWWIE	495	1247
>SMAD4-C52SIKETPCWI	75	>SMAD4-C52SIKETPWWI	49	26
>SMAD4-C52SIKETPCWIEI	186	>SMAD4-C52SIKETPWWIE	136	50
>SMAD4-C52SIKETPCWIEI	1008	>SMAD4-C52SIKETPWWIE	391	617
>SMAD4-C52SIKETPCWI	146	>SMAD4-C52SIKETPWWI	25	121
>SMAD4-C52SIKETPCWIEI	332	>SMAD4-C52SIKETPWWIE	66	266
>SMAD4-C52SIKETPCWI	4389	>SMAD4-C52SIKETPWWI	410	3979
>SMAD4-C52SIKETPCWI	1710	>SMAD4-C52SIKETPWWI	260	1450

>SMAD4-C52 SIKETPCWI	232	>SMAD4-C52 SIKETPWWI	54	178
>SMAD4-C52 SIKETPCWIEI	597	>SMAD4-C52 SIKETPWWIE	175	422
>SMAD4-C52 SIKETPCWI	101	>SMAD4-C52 SIKETPWWI	496	395
>SMAD4-C52 SIKETPCWIEI	47	>SMAD4-C52 SIKETPWWIE	71	24
>SMAD4-C52 QSIKETPCW	759	>SMAD4-C52 QSIKETPWW	193	566
>SMAD4-C52 QSIKETPC	14584	>SMAD4-C52 QSIKETPW	12	14572
>SMAD4-C52 QSIKETPCW	39	>SMAD4-C52 QSIKETPWW	16	23
>SMAD4-C52 QSIKETPCWI	240	>SMAD4-C52 QSIKETPWW	253	13
>SMAD4-C52 QSIKETPC	23386	>SMAD4-C52 QSIKETPW	104	23282
>SMAD4-C52 QSIKETPCW	322	>SMAD4-C52 QSIKETPWW	93	229
>SMAD4-C52 QSIKETPC	17879	>SMAD4-C52 QSIKETPW	26	17853
>SMAD4-C52 QSIKETPCW	22	>SMAD4-C52 QSIKETPWW	19	3
>SMAD4-C52 QSIKETPCWI	183	>SMAD4-C52 QSIKETPWW	3560	3377
>SMAD4-C52 RQSIKETPCW	944	>SMAD4-C52 RQSIKETPWW	161	783
>SMAD4-C52 RQSIKETPC	2658	>SMAD4-C52 RQSIKETPW	207	2451
>SMAD4-C52 RQSIKETPCW	386	>SMAD4-C52 RQSIKETPWW	1492	1106
>SMAD4-C52 RQSIKETPCW	377	>SMAD4-C52 RQSIKETPWW	513	136
>SMAD4-C52 RQSIKETPC	22848	>SMAD4-C52 RQSIKETPW	265	22583
>SMAD4-C52 RQSIKETPCW	1418	>SMAD4-C52 RQSIKETPWW	290	1128
>SMAD4-C52 RQSIKETPC	33790	>SMAD4-C52 RQSIKETPW	57	33733
>SMAD4-D3ε DVQVGETFK\	7335	>SMAD4-D3ε GVQVGETFK\	343	6992
>SMAD4-D3ε DVQVGETFK\	4518	>SMAD4-D3ε GVQVGETFK\	231	4287
>SMAD4-D3ε DVQVGETFK\	1477	>SMAD4-D3ε GVQVGETFK\	36	1441
>SMAD4-D3ε DVQVGETFK	1288	>SMAD4-D3ε GVQVGETFK	36	1252
>SMAD4-D3ε DVQVGETFK	116	>SMAD4-D3ε GVQVGETFK	8064	7948
>SMAD4-D3ε DVQVGETFK	43	>SMAD4-D3ε GVQVGETFK	747	704
>SMAD4-D3ε DVQVGETFK\	385	>SMAD4-D3ε GVQVGETFK\	5820	5435
>SMAD4-D3ε MDVQVGETF	901	>SMAD4-D3ε MGVQVGETF	192	709
>SMAD4-D3ε MDVQVGETF	1721	>SMAD4-D3ε MGVQVGETF	184	1537
>SMAD4-D3ε MDVQVGETF	466	>SMAD4-D3ε MGVQVGETF	306	160
>SMAD4-D3ε MDVQVGETF	11162	>SMAD4-D3ε MGVQVGETF	316	10846
>SMAD4-D3ε MDVQVGETF	379	>SMAD4-D3ε MGVQVGETF	83	296
>SMAD4-D3ε MDVQVGETF	13183	>SMAD4-D3ε MGVQVGETF	205	12978
>SMAD4-D3ε MDVQVGETF	216	>SMAD4-D3ε MGVQVGETF	69	147
>SMAD4-D3ε MDVQVGETF	208	>SMAD4-D3ε MGVQVGETF	18262	18054
>SMAD4-D3ε MDVQVGETF	1417	>SMAD4-D3ε MGVQVGETF	338	1079
>SMAD4-D3ε MDVQVGETF	204	>SMAD4-D3ε MGVQVGETF	13904	13700
>SMAD4-D3ε YWCSIAYFEN	701	>SMAD4-D3ε YWCSIAYFEN	412	289
>SMAD4-D3ε EMDVQVGET	242	>SMAD4-D3ε EMGVQVGET	186	56
>SMAD4-D3ε EMDVQVGET	2322	>SMAD4-D3ε EMGVQVGET	150	2172
>SMAD4-D3ε EMDVQVGET	1671	>SMAD4-D3ε EMGVQVGET	357	1314
>SMAD4-D3ε FEMDVQVGE	259	>SMAD4-D3ε FEMGVQVGE	930	671
>SMAD4-D3ε FEMDVQVGE	143	>SMAD4-D3ε FEMGVQVGE	188	45

>SMAD4-D3:FEMDVQVGE	770	>SMAD4-D3:FEMGVQVGE	390	380
>SMAD4-D3:FEMDVQVGE	23	>SMAD4-D3:FEMGVQVGE	46	23
>SMAD4-D3:FEMDVQVGE	11	>SMAD4-D3:FEMGVQVGE	10	1
>SMAD4-D3:FEMDVQVGE	25	>SMAD4-D3:FEMGVQVGE	16	9
>SMAD4-D3:FEMDVQVGE	250	>SMAD4-D3:FEMGVQVGE	215	35
>SMAD4-D3:FEMDVQVGE	133	>SMAD4-D3:FEMGVQVGE	333	200
>SMAD4-D3:FEMDVQVGE	67	>SMAD4-D3:FEMGVQVGE	67	0
>SMAD4-D3:FEMDVQVGE	281	>SMAD4-D3:FEMGVQVGE	881	600
>SMAD4-D3:FEMDVQVGE	341	>SMAD4-D3:FEMGVQVGE	131	210
>SMAD4-D3:FEMDVQVGE	15	>SMAD4-D3:FEMGVQVGE	38	23
>SMAD4-D3:YFEMDVQV	98	>SMAD4-D3:YFEMGVQV	53	45
>SMAD4-D3:AYFEMDVQV	251	>SMAD4-D3:AYFEMGVQV	200	51
>SMAD4-D3:AYFEMDVQV	217	>SMAD4-D3:AYFEMGVQV	67	150
>SMAD4-D3:AYFEMDVQV	86	>SMAD4-D3:AYFEMGVQV	102	16
>SMAD4-D3:AYFEMDVQV	30	>SMAD4-D3:AYFEMGVQV	20	10
>SMAD4-D3:AYFEMDVQV	135	>SMAD4-D3:AYFEMGVQV	114	21
>SMAD4-D3:IAYFEMDV	1197	>SMAD4-D3:IAYFEMGV	480	717
>SMAD4-D3:IAYFEMDV	563	>SMAD4-D3:IAYFEMGV	118	445
>SMAD4-D3:IAYFEMDV	1362	>SMAD4-D3:IAYFEMGV	178	1184
>SMAD4-D3:IAYFEMDVQ\	438	>SMAD4-D3:IAYFEMGVQ\	363	75
>SMAD4-D3:IAYFEMDV	818	>SMAD4-D3:IAYFEMGV	91	727
>SMAD4-D3:IAYFEMDVQ\	174	>SMAD4-D3:IAYFEMGVQ\	112	62
>SMAD4-D3:IAYFEMDV	548	>SMAD4-D3:IAYFEMGV	208	340
>SMAD4-D3:IAYFEMDVQ\	239	>SMAD4-D3:IAYFEMGVQ\	225	14
>SMAD4-D3:IAYFEMDV	1729	>SMAD4-D3:IAYFEMGV	308	1421
>SMAD4-D3:IAYFEMDV	3146	>SMAD4-D3:IAYFEMGV	358	2788
>SMAD4-D3:IAYFEMDV	2732	>SMAD4-D3:IAYFEMGV	484	2248
>SMAD4-D3:IAYFEMDVQ\	303	>SMAD4-D3:IAYFEMGVQ\	158	145
>SMAD4-D3:SIAYFEMDV	1478	>SMAD4-D3:SIAYFEMGV	437	1041
>SMAD4-D3:SIAYFEMDV	550	>SMAD4-D3:SIAYFEMGV	70	480
>SMAD4-D3:SIAYFEMDVC	130	>SMAD4-D3:SIAYFEMGVC	114	16
>SMAD4-D3:SIAYFEMDV	164	>SMAD4-D3:SIAYFEMGV	17	147
>SMAD4-D3:SIAYFEMDVC	28	>SMAD4-D3:SIAYFEMGVC	20	8
>SMAD4-D3:SIAYFEMDV	175	>SMAD4-D3:SIAYFEMGV	32	143
>SMAD4-D3:SIAYFEMDVC	90	>SMAD4-D3:SIAYFEMGVC	43	47
>SMAD4-D3:SIAYFEMDV	1204	>SMAD4-D3:SIAYFEMGV	67	1137
>SMAD4-D3:SIAYFEMDVC	214	>SMAD4-D3:SIAYFEMGVC	123	91
>SMAD4-D3:SIAYFEMDV	1032	>SMAD4-D3:SIAYFEMGV	68	964
>SMAD4-D3:SIAYFEMDVC	144	>SMAD4-D3:SIAYFEMGVC	53	91
>SMAD4-D3:SIAYFEMDV	1821	>SMAD4-D3:SIAYFEMGV	339	1482
>SMAD4-D3:SIAYFEMDV	129	>SMAD4-D3:SIAYFEMGV	28	101
>SMAD4-D3:SIAYFEMDVC	33	>SMAD4-D3:SIAYFEMGVC	27	6
>SMAD4-D3:SIAYFEMDV	45	>SMAD4-D3:SIAYFEMGV	15	30

>SMAD4-D3E SIAYFEMDVC	13	>SMAD4-D3E SIAYFEMGVC	9	4
>SMAD4-D3E SIAYFEMDV	65	>SMAD4-D3E SIAYFEMGV	13	52
>SMAD4-D3E SIAYFEMDVC	23	>SMAD4-D3E SIAYFEMGVC	27	4
>SMAD4-D3E SIAYFEMDV	1519	>SMAD4-D3E SIAYFEMGV	74	1445
>SMAD4-D3E SIAYFEMDVC	348	>SMAD4-D3E SIAYFEMGVC	95	253
>SMAD4-D3E CSIAYFEMDV	1773	>SMAD4-D3E CSIAYFEMGV	392	1381
>SMAD4-D3E CSIAYFEMDV	56	>SMAD4-D3E CSIAYFEMGV	26	30
>SMAD4-D3E WCSIAYFEMI	1376	>SMAD4-D3E WCSIAYFEMK	213	1163
>SMAD4-D3E VPSSCPIVTVI	3474	>SMAD4-D3E VPSSCPIVTVI	78	3396
>SMAD4-D3E TVDGYVDPS	3686	>SMAD4-D3E TVHGYVDPS	199	3487
>SMAD4-D3E IVTVHGYV	1037	>SMAD4-D3E IVTVHGYV	289	748
>SMAD4-D3E IVTVHGYV	155	>SMAD4-D3E IVTVHGYV	134	21
>SMAD4-D3E IVTVHGYV	398	>SMAD4-D3E IVTVHGYV	163	235
>SMAD4-D3E IVTVHGYV	454	>SMAD4-D3E IVTVHGYV	1060	606
>SMAD4-D3E IVTVHGYV	87	>SMAD4-D3E IVTVHGYV	72	15
>SMAD4-D3E IVTVHGYV	178	>SMAD4-D3E IVTVHGYV	157	21
>SMAD4-D3E PIVTVHGYV	966	>SMAD4-D3E PIVTVHGYV	183	783
>SMAD4-D3E PIVTVHGY	82	>SMAD4-D3E PIVTVHGY	50	32
>SMAD4-D3E PIVTVHGY	1228	>SMAD4-D3E PIVTVHGY	257	971
>SMAD4-D3E PIVTVHGY	1338	>SMAD4-D3E PIVTVHGY	335	1003
>SMAD4-D3E CPIVTVHGYV	544	>SMAD4-D3E CPIVTVHGYV	318	226
>SMAD4-D3E CPIVTVHGY	538	>SMAD4-D3E CPIVTVHGY	431	107
>SMAD4-D3E CPIVTVHGY	4576	>SMAD4-D3E CPIVTVHGY	490	4086
>SMAD4-D3E CPIVTVHGYV	1726	>SMAD4-D3E CPIVTVHGYV	460	1266
>SMAD4-D3E CPIVTVHGY	21	>SMAD4-D3E CPIVTVHGY	22	1
>SMAD4-D3E CPIVTVHGY	75	>SMAD4-D3E CPIVTVHGY	42	33
>SMAD4-D3E CPIVTVHG	981	>SMAD4-D3E CPIVTVHG	398	583
>SMAD4-D3E CPIVTVHGYV	122	>SMAD4-D3E CPIVTVHGYV	113	9
>SMAD4-D3E CPIVTVHGYV	318	>SMAD4-D3E CPIVTVHGYV	219	99
>SMAD4-D3E CPIVTVHGY	1958	>SMAD4-D3E CPIVTVHGY	449	1509
>SMAD4-D3E CPIVTVHGY	409	>SMAD4-D3E CPIVTVHGY	241	168
>SMAD4-D3E SCPIVTVHGY'	804	>SMAD4-D3E SCPIVTVHGY'	317	487
>SMAD4-D3E SCPIVTVHGY	731	>SMAD4-D3E SCPIVTVHGY	240	491
>SMAD4-D3E SCPIVTVHGY'	143	>SMAD4-D3E SCPIVTVHGY'	115	28
>SMAD4-D3E SSCPIVTVHG'	691	>SMAD4-D3E SSCPIVTVHG'	225	466
>SMAD4-D3E SSCPIVTVHG'	106	>SMAD4-D3E SSCPIVTVHG'	84	22
>SMAD4-D3E SSCPIVTVHG'	896	>SMAD4-D3E SSCPIVTVHG'	221	675
>SMAD4-D3E SSCPIVTVHG'	84	>SMAD4-D3E SSCPIVTVHG'	25	59
>SMAD4-D3E SSCPIVTVHG'	1252	>SMAD4-D3E SSCPIVTVHG'	297	955
>SMAD4-D3E SSCPIVTVHG'	232	>SMAD4-D3E SSCPIVTVHG'	135	97
>SMAD4-D3E SSCPIVTVHG'	7	>SMAD4-D3E SSCPIVTVHG'	4	3
>SMAD4-D3E SSCPIVTVH	5984	>SMAD4-D3E SSCPIVTVH	101	5883
>SMAD4-D3E SSCPIVTVHG'	82	>SMAD4-D3E SSCPIVTVHG'	85	3

>SMAD4-D3 <sup>ε</sup> TVDGYVDPS	3686	>SMAD4-D3 <sup>ε</sup> TVNGYVDPS	177	3509
>SMAD4-D3 <sup>ε</sup> IVTVDGYV	155	>SMAD4-D3 <sup>ε</sup> IVTVNGYV	170	15
>SMAD4-D3 <sup>ε</sup> IVTVDGYV	398	>SMAD4-D3 <sup>ε</sup> IVTVNGYV	169	229
>SMAD4-D3 <sup>ε</sup> IVTVDGYV	454	>SMAD4-D3 <sup>ε</sup> IVTVNGYV	645	191
>SMAD4-D3 <sup>ε</sup> IVTVDGYV	87	>SMAD4-D3 <sup>ε</sup> IVTVNGYV	58	29
>SMAD4-D3 <sup>ε</sup> IVTVDGYV	178	>SMAD4-D3 <sup>ε</sup> IVTVNGYV	91	87
>SMAD4-D3 <sup>ε</sup> PIVTVDGYV	966	>SMAD4-D3 <sup>ε</sup> PIVTVNGYV	445	521
>SMAD4-D3 <sup>ε</sup> PIVTVDGY	82	>SMAD4-D3 <sup>ε</sup> PIVTVNGY	98	16
>SMAD4-D3 <sup>ε</sup> PIVTVDGYV	566	>SMAD4-D3 <sup>ε</sup> PIVTVNGYV	429	137
>SMAD4-D3 <sup>ε</sup> CPIVTVDGY	21	>SMAD4-D3 <sup>ε</sup> CPIVTVNGY	27	6
>SMAD4-D3 <sup>ε</sup> CPIVTVDGY	75	>SMAD4-D3 <sup>ε</sup> CPIVTVNGY	89	14
>SMAD4-D3 <sup>ε</sup> CPIVTVDGY	981	>SMAD4-D3 <sup>ε</sup> CPIVTVNG	451	530
>SMAD4-D3 <sup>ε</sup> CPIVTVDGYV	122	>SMAD4-D3 <sup>ε</sup> CPIVTVNGYV	171	49
>SMAD4-D3 <sup>ε</sup> CPIVTVDGYV	318	>SMAD4-D3 <sup>ε</sup> CPIVTVNGYV	150	168
>SMAD4-D3 <sup>ε</sup> CPIVTVDGY	409	>SMAD4-D3 <sup>ε</sup> CPIVTVNGY	708	299
>SMAD4-D3 <sup>ε</sup> SCPIVTVDGY'	804	>SMAD4-D3 <sup>ε</sup> SCPIVTVNGY'	488	316
>SMAD4-D3 <sup>ε</sup> SCPIVTVDGY	731	>SMAD4-D3 <sup>ε</sup> SCPIVTVNGY	343	388
>SMAD4-D3 <sup>ε</sup> SCPIVTVDGY'	143	>SMAD4-D3 <sup>ε</sup> SCPIVTVNGY'	91	52
>SMAD4-D3 <sup>ε</sup> SSCPIVTVDGY'	106	>SMAD4-D3 <sup>ε</sup> SSCPIVTVNGY'	117	11
>SMAD4-D3 <sup>ε</sup> SSCPIVTVDGY'	84	>SMAD4-D3 <sup>ε</sup> SSCPIVTVNGY'	47	37
>SMAD4-D3 <sup>ε</sup> SSCPIVTVDGY'	232	>SMAD4-D3 <sup>ε</sup> SSCPIVTVNGY'	143	89
>SMAD4-D3 <sup>ε</sup> SSCPIVTVDGY'	7	>SMAD4-D3 <sup>ε</sup> SSCPIVTVNGY'	7	0
>SMAD4-D3 <sup>ε</sup> SSCPIVTVDGY'	82	>SMAD4-D3 <sup>ε</sup> SSCPIVTVNGY'	43	39
>SMAD4-D3 <sup>ε</sup> DPSGGDRF	10824	>SMAD4-D3 <sup>ε</sup> APSGGDRF	392	10432
>SMAD4-D3 <sup>ε</sup> DPSGGDRF	9291	>SMAD4-D3 <sup>ε</sup> APSGGDRF	178	9113
>SMAD4-D3 <sup>ε</sup> DPSGGDRFCL	5325	>SMAD4-D3 <sup>ε</sup> APSGGDRFCL	221	5104
>SMAD4-D3 <sup>ε</sup> DPSGGDRF	107	>SMAD4-D3 <sup>ε</sup> APSGGDRF	158	51
>SMAD4-D3 <sup>ε</sup> DPSGGDRFCL	1593	>SMAD4-D3 <sup>ε</sup> APSGGDRFCL	362	1231
>SMAD4-D3 <sup>ε</sup> DPSGGDRF	680	>SMAD4-D3 <sup>ε</sup> APSGGDRF	472	208
>SMAD4-D3 <sup>ε</sup> VDPSGGDRF	20207	>SMAD4-D3 <sup>ε</sup> VAPSGGDRF	103	20104
>SMAD4-D3 <sup>ε</sup> VDPSGGDRFCL	13718	>SMAD4-D3 <sup>ε</sup> VAPSGGDRFCL	36	13682
>SMAD4-D3 <sup>ε</sup> CPIVTVDGYV	318	>SMAD4-D3 <sup>ε</sup> CPIVTVDGYV	8	310
>SMAD4-D3 <sup>ε</sup> YVDPSGGDRF	11283	>SMAD4-D3 <sup>ε</sup> YVAPSGGDRF	111	11172
>SMAD4-D3 <sup>ε</sup> YVDPSGGDR	714	>SMAD4-D3 <sup>ε</sup> YVAPSGGDR	38	676
>SMAD4-D3 <sup>ε</sup> YVDPSGGDRF	2140	>SMAD4-D3 <sup>ε</sup> YVAPSGGDRF	83	2057
>SMAD4-D3 <sup>ε</sup> YVDPSGGDRF	447	>SMAD4-D3 <sup>ε</sup> YVAPSGGDRF	82	365
>SMAD4-D3 <sup>ε</sup> YVDPSGGDRF	4153	>SMAD4-D3 <sup>ε</sup> YVAPSGGDRF	368	3785
>SMAD4-D3 <sup>ε</sup> YVDPSGGDRF	41	>SMAD4-D3 <sup>ε</sup> YVAPSGGDRF	15	26
>SMAD4-D3 <sup>ε</sup> GYVDPSGGDR	321	>SMAD4-D3 <sup>ε</sup> GYVAPSGGDR	309	12
>SMAD4-D3 <sup>ε</sup> GYVDPSGGDR	34	>SMAD4-D3 <sup>ε</sup> GYVAPSGGDR	20	14
>SMAD4-D3 <sup>ε</sup> DPSGGDRF	107	>SMAD4-D3 <sup>ε</sup> EPSSGGDRF	36	71
>SMAD4-D3 <sup>ε</sup> DPSGGDRFCL	1593	>SMAD4-D3 <sup>ε</sup> EPSSGGDRFCL	334	1259
>SMAD4-D3 <sup>ε</sup> DPSGGDRF	1645	>SMAD4-D3 <sup>ε</sup> EPSSGGDRF	247	1398

>SMAD4-D3E DPSGGDRF	680	>SMAD4-D3E EPSGGDRF	414	266
>SMAD4-D3E VDPSGGDRFC	8097	>SMAD4-D3E VEPSGGDRFC	173	7924
>SMAD4-D3E CPIVTVDGYV	318	>SMAD4-D3E CPIVTVDGYV	463	145
>SMAD4-D3E YVDPSGGDR	714	>SMAD4-D3E YVEPSGGDR	317	397
>SMAD4-D3E YVDPSGGDRI	447	>SMAD4-D3E YVEPSGGDRF	216	231
>SMAD4-D3E YVDPSGGDRI	41	>SMAD4-D3E YVEPSGGDRF	33	8
>SMAD4-D3E GYVDPSGGD	321	>SMAD4-D3E GYVEPSGGDI	368	47
>SMAD4-D3E GYVDPSGGD	34	>SMAD4-D3E GYVEPSGGDI	21	13
>SMAD4-D3E DPSGGDRF	107	>SMAD4-D3E GPSGGDRF	335	228
>SMAD4-D3E VDPSGGDRF	10971	>SMAD4-D3E VGPSGGDRF	307	10664
>SMAD4-D3E CPIVTVDGYV	318	>SMAD4-D3E CPIVTVDGYV	131	187
>SMAD4-D3E YVDPSGGDRI	3721	>SMAD4-D3E YVGPSGGDRI	499	3222
>SMAD4-D3E YVDPSGGDR	714	>SMAD4-D3E YVGPSGGDR	499	215
>SMAD4-D3E YVDPSGGDRI	2140	>SMAD4-D3E YVGPSGGDRI	128	2012
>SMAD4-D3E YVDPSGGDRI	447	>SMAD4-D3E YVGPSGGDRI	250	197
>SMAD4-D3E YVDPSGGDRI	41	>SMAD4-D3E YVGPSGGDRI	58	17
>SMAD4-D3E GYVDPSGGD	321	>SMAD4-D3E GYVGPSGGD	342	21
>SMAD4-D3E GYVDPSGGD	34	>SMAD4-D3E GYVGPSGGD	18	16
>SMAD4-D3E DPSGGDRFCI	5325	>SMAD4-D3E NPSGGDRFCI	488	4837
>SMAD4-D3E DPSGGDRF	107	>SMAD4-D3E NPSGGDRF	49	58
>SMAD4-D3E DPSGGDRFCI	1593	>SMAD4-D3E NPSGGDRFCI	129	1464
>SMAD4-D3E DPSGGDRF	1645	>SMAD4-D3E NPSGGDRF	213	1432
>SMAD4-D3E CPIVTVDGYV	318	>SMAD4-D3E CPIVTVDGYV	275	43
>SMAD4-D3E YVDPSGGDR	714	>SMAD4-D3E YVNPSGGDR	135	579
>SMAD4-D3E YVDPSGGDRI	2140	>SMAD4-D3E YVNPSGGDRI	85	2055
>SMAD4-D3E YVDPSGGDRI	447	>SMAD4-D3E YVNPSGGDRI	155	292
>SMAD4-D3E YVDPSGGDRI	4153	>SMAD4-D3E YVNPSGGDRI	327	3826
>SMAD4-D3E YVDPSGGDRI	41	>SMAD4-D3E YVNPSGGDRI	20	21
>SMAD4-D3E GYVDPSGGD	321	>SMAD4-D3E GYVNPSGGD	189	132
>SMAD4-D3E GYVDPSGGD	34	>SMAD4-D3E GYVNPSGGD	20	14
>SMAD4-D3E GYVDPSGGD	918	>SMAD4-D3E GYVNPSGGD	496	422
>SMAD4-D4E DDLRRLCI	3858	>SMAD4-D4E ADLRRLCI	188	3670
>SMAD4-D4E DDLRRLCIL	9396	>SMAD4-D4E ADLRRLCIL	132	9264
>SMAD4-D4E DDLRRLCILRM	19184	>SMAD4-D4E ADLRRLCILRM	482	18702
>SMAD4-D4E DDLRRLCI	1086	>SMAD4-D4E ADLRRLCI	121	965
>SMAD4-D4E DDLRRLCIL	2141	>SMAD4-D4E ADLRRLCIL	256	1885
>SMAD4-D4E VDDLRLRLCI	359	>SMAD4-D4E VADLRRLCI	7542	7183
>SMAD4-D4E SLSAAAGIGV	11154	>SMAD4-D4E SLSAAAGIGV	179	10975
>SMAD4-D4E SLSAAAGIGV	12463	>SMAD4-D4E SLSAAAGIGV	17	12446
>SMAD4-D4E SLSAAAGIGV	17140	>SMAD4-D4E SLSAAAGIGV	330	16810
>SMAD4-D4E SLSAAAGIGV	20316	>SMAD4-D4E SLSAAAGIGV	194	20122
>SMAD4-D4E SLSAAAGIGV	18356	>SMAD4-D4E SLSAAAGIGV	59	18297
>SMAD4-D4E GVDDLRLRL	3472	>SMAD4-D4E GVADLRRL	382	3090

>SMAD4-D4ϵGVDDLRRLCI	3181	>SMAD4-D4ϵGVADLRRLCII	412	2769
>SMAD4-D4ϵGVDDLRRLCI	728	>SMAD4-D4ϵGVADLRRLCII	261	467
>SMAD4-D4ϵAAGIGVDDLF	264	>SMAD4-D4ϵAAGIGVADLF	238	26
>SMAD4-D4ϵAAGIGVDDL	3237	>SMAD4-D4ϵAAGIGVADL	242	2995
>SMAD4-D4ϵAAAGIGVDDI	28	>SMAD4-D4ϵAAAGIGVADI	20	8
>SMAD4-D4ϵAAAGIGVDDI	1708	>SMAD4-D4ϵAAAGIGVADI	228	1480
>SMAD4-D4ϵSAAAGIGVD	17791	>SMAD4-D4ϵSAAAGIGVA	439	17352
>SMAD4-D4ϵSAAAGIGVDE	880	>SMAD4-D4ϵSAAAGIGVAE	488	392
>SMAD4-D4ϵSAAAGIGVDE	1385	>SMAD4-D4ϵSAAAGIGVAE	279	1106
>SMAD4-D4ϵDDLRRLCIL	1017	>SMAD4-D4ϵHDLRRLCIL	316	701
>SMAD4-D4ϵDDLRRLCIL	905	>SMAD4-D4ϵHDLRRLCIL	366	539
>SMAD4-D4ϵDDLRRLCI	3858	>SMAD4-D4ϵHDLRRLCI	340	3518
>SMAD4-D4ϵDDLRRLCIL	9396	>SMAD4-D4ϵHDLRRLCIL	266	9130
>SMAD4-D4ϵDDLRRLCILR	5584	>SMAD4-D4ϵHDLRRLCILR	321	5263
>SMAD4-D4ϵDDLRRLCI	1086	>SMAD4-D4ϵHDLRRLCI	205	881
>SMAD4-D4ϵDDLRRLCIL	2141	>SMAD4-D4ϵHDLRRLCIL	463	1678
>SMAD4-D4ϵVDDLRRLCI	359	>SMAD4-D4ϵVHDLRRLCI	887	528
>SMAD4-D4ϵGVDDLRRLCI	728	>SMAD4-D4ϵGVHDLRRLCI	435	293
>SMAD4-D4ϵGVDDLRRLCI	15870	>SMAD4-D4ϵGVHDLRRLCI	408	15462
>SMAD4-D4ϵAGIGVDDL	868	>SMAD4-D4ϵAGIGVHDL	404	464
>SMAD4-D4ϵAAGIGVDDLF	264	>SMAD4-D4ϵAAGIGVHDLF	564	300
>SMAD4-D4ϵAAAGIGVDDI	4180	>SMAD4-D4ϵAAAGIGVHDI	399	3781
>SMAD4-D4ϵAAAGIGVDDI	1367	>SMAD4-D4ϵAAAGIGVHDI	226	1141
>SMAD4-D4ϵAAAGIGVDDI	28	>SMAD4-D4ϵAAAGIGVHDI	18	10
>SMAD4-D4ϵSAAAGIGVDE	880	>SMAD4-D4ϵSAAAGIGVHE	480	400
>SMAD4-D4ϵDDLRRLCIL	1017	>SMAD4-D4ϵNDLRRLCIL	268	749
>SMAD4-D4ϵDDLRRLCIL	905	>SMAD4-D4ϵNDLRRLCIL	210	695
>SMAD4-D4ϵVDDLRRLCI	359	>SMAD4-D4ϵVNDLRRLCI	1351	992
>SMAD4-D4ϵGVDDLRRLCI	728	>SMAD4-D4ϵGVNDLRRLCI	480	248
>SMAD4-D4ϵAAGIGVDDLF	264	>SMAD4-D4ϵAAGIGVNDLF	205	59
>SMAD4-D4ϵAAAGIGVDDI	28	>SMAD4-D4ϵAAAGIGVNDI	20	8
>SMAD4-D4ϵDLRRLCIL	8197	>SMAD4-D4ϵGLRRLCIL	424	7773
>SMAD4-D4ϵDLRRLCIL	527	>SMAD4-D4ϵGLRRLCIL	28	499
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>SMAD4-D4ϵDLRRLCILR	10	>SMAD4-D4ϵGLRRLCILR	467	457
>SMAD4-D4ϵDLRRLCILR	337	>SMAD4-D4ϵGLRRLCILR	3489	3152
>SMAD4-D4ϵDLRRLCIL	181	>SMAD4-D4ϵGLRRLCIL	364	183
>SMAD4-D4ϵDLRRLCILRM	1237	>SMAD4-D4ϵGLRRLCILRM	313	924
>SMAD4-D4ϵDDLRRLCILR	658	>SMAD4-D4ϵDGLRRLCILR	379	279
>SMAD4-D4ϵDDLRRLCIL	905	>SMAD4-D4ϵDGLRRLCIL	249	656
>SMAD4-D4ϵVDDLRRLCI	359	>SMAD4-D4ϵVDGLRRLCI	236	123
>SMAD4-D4ϵAAGIGVDDLF	264	>SMAD4-D4ϵAAGIGVDGLF	815	551



>SMAD4-D4☺AAAGIGVDDI	28	>SMAD4-D4☺AAAGIGVDGI	44	16
>SMAD4-D4☺AAAGIGVDDI	1708	>SMAD4-D4☺AAAGIGVDGI	401	1307
>SMAD4-D4☺SAAAGIGVDC	1532	>SMAD4-D4☺SAAAGIGVDC	294	1238
>SMAD4-D4☺SAAAGIGVDC	3512	>SMAD4-D4☺SAAAGIGVDC	323	3189
>SMAD4-D4☺SAAAGIGVDC	880	>SMAD4-D4☺SAAAGIGVDC	102	778
>SMAD4-D4☺SAAAGIGVDC	1385	>SMAD4-D4☺SAAAGIGVDC	391	994
>SMAD4-D5☺DEVLHTMP	2048	>SMAD4-D5☺YEVLHTMP	292	1756
>SMAD4-D5☺DEVLHTMPI	14	>SMAD4-D5☺YEVLHTMPI	10	4
>SMAD4-D5☺DEVLHTMPI	20386	>SMAD4-D5☺YEVLHTMPI	377	20009
>SMAD4-D5☺DEVLHTMPI	12608	>SMAD4-D5☺YEVLHTMPI	357	12251
>SMAD4-D5☺DEVLHTMPI	15	>SMAD4-D5☺YEVLHTMPI	47	32
>SMAD4-D5☺DEVLHTMPIA	35	>SMAD4-D5☺YEVLHTMPIA	134	99
>SMAD4-D5☺DEVLHTMPI	9636	>SMAD4-D5☺YEVLHTMPI	301	9335
>SMAD4-D5☺DEVLHTMPI	730	>SMAD4-D5☺YEVLHTMPI	24	706
>SMAD4-D5☺DEVLHTMPI	1153	>SMAD4-D5☺YEVLHTMPI	41	1112
>SMAD4-D5☺DEVLHTMPI	23	>SMAD4-D5☺YEVLHTMPI	2	21
>SMAD4-D5☺DEVLHTMPIA	7471	>SMAD4-D5☺YEVLHTMPIA	441	7030
>SMAD4-D5☺DEVLHTMPIA	9866	>SMAD4-D5☺YEVLHTMPIA	172	9694
>SMAD4-D5☺LDEVLHTM	24480	>SMAD4-D5☺LYEVLHTM	188	24292
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>SMAD4-D5☺LDEVLHTMPI	24311	>SMAD4-D5☺LYEVLHTMPI	53	24258
>SMAD4-D5☺LDEVLHTMPI	98	>SMAD4-D5☺LYEVLHTMPI	17973	17875
>SMAD4-D5☺IHLHRALQLL\	16947	>SMAD4-D5☺IHLHRALQLL\	13	16934
>SMAD4-D5☺IHLHRALQLL\	22411	>SMAD4-D5☺IHLHRALQLL\	9	22402
>SMAD4-D5☺IHLHRALQLL\	21511	>SMAD4-D5☺IHLHRALQLL\	95	21416
>SMAD4-D5☺LLDEVLHT	142	>SMAD4-D5☺LLYEVLHT	56	86
>SMAD4-D5☺LLDEVLHTM	19	>SMAD4-D5☺LLYEVLHTM	16	3
>SMAD4-D5☺LLDEVLHTMF	11	>SMAD4-D5☺LLYEVLHTMP	9	2
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>SMAD4-D5☺LLDEVLHTM	59	>SMAD4-D5☺LLYEVLHTM	31	28
>SMAD4-D5☺LLDEVLHTMF	17	>SMAD4-D5☺LLYEVLHTMP	8	9
>SMAD4-D5☺LLDEVLHT	824	>SMAD4-D5☺LLYEVLHT	19	805
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>SMAD4-D5☺LLDEVLHT	125	>SMAD4-D5☺LLYEVLHT	60	65
>SMAD4-D5☺LLDEVLHTM	28	>SMAD4-D5☺LLYEVLHTM	22	6
>SMAD4-D5☺LLDEVLHTMF	13	>SMAD4-D5☺LLYEVLHTMP	10	3
>SMAD4-D5☺LLDEVLHT	15	>SMAD4-D5☺LLYEVLHT	5	10
>SMAD4-D5☺LLDEVLHTM	2	>SMAD4-D5☺LLYEVLHTM	1	1
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>SMAD4-D5☺LLDEVLHTMF	3	>SMAD4-D5☺LLYEVLHTMP	2	1
>SMAD4-D5☺LLDEVLHT	154	>SMAD4-D5☺LLYEVLHT	91	63

>SMAD4-D53LLDEVLHTM	3	>SMAD4-D53LLYEVLHTM	3	0
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>SMAD4-D53LLDEVLHT	35	>SMAD4-D53LLYEVLHT	17	18
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>SMAD4-D53LLDEVLHTM	4	>SMAD4-D53LLYEVLHTM	5	1
>SMAD4-D53LLDEVLHTMF	9	>SMAD4-D53LLYEVLHTMP	11	2
>SMAD4-D53LLDEVLHT	23	>SMAD4-D53LLYEVLHT	7	16
>SMAD4-D53LLDEVLHTM	3	>SMAD4-D53LLYEVLHTM	2	1
>SMAD4-D53LLDEVLHTMF	2750	>SMAD4-D53LLYEVLHTMP	386	2364
>SMAD4-D53LLDEVLHTMF	5	>SMAD4-D53LLYEVLHTMP	3	2
>SMAD4-D53LLDEVLHTMF	726	>SMAD4-D53LLYEVLHTMP	45	681
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>SMAD4-D53LLDEVLHTMF	69	>SMAD4-D53LLYEVLHTMP	28	41
>SMAD4-D53LLDEVLHTM	6019	>SMAD4-D53LLYEVLHTM	106	5913
>SMAD4-D53LLDEVLHTMF	8723	>SMAD4-D53LLYEVLHTMP	259	8464
>SMAD4-D53LLDEVLHTM	7258	>SMAD4-D53LLYEVLHTM	345	6913
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>SMAD4-D53LLDEVLHTMF	9273	>SMAD4-D53LLYEVLHTMP	194	9079
>SMAD4-D53LLDEVLHTM	1866	>SMAD4-D53LLYEVLHTM	293	1573
>SMAD4-D53LLDEVLHTM	3686	>SMAD4-D53LLYEVLHTM	376	3310
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>SMAD4-D53QLLDEVLHTM	40	>SMAD4-D53QLLYEVLHTM	66	26
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>SMAD4-D53QLLDEVLHTM	130	>SMAD4-D53QLLYEVLHTM	214	84
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>SMAD4-D53QLLDEVLHT	157	>SMAD4-D53QLLYEVLHT	2839	2682
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>SMAD4-D53QLLDEVLHTM	13	>SMAD4-D53QLLYEVLHTM	68	55
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>SMAD4-D53QLLDEVLHT	53	>SMAD4-D53QLLYEVLHT	4926	4873
>SMAD4-D53QLLDEVLHTM	8	>SMAD4-D53QLLYEVLHTM	232	224
>SMAD4-D53QLLDEVLHTM	923	>SMAD4-D53QLLYEVLHTM	271	652
>SMAD4-D53QLLDEVLHTM	147	>SMAD4-D53QLLYEVLHTM	656	509
>SMAD4-D53LQLLDEVL	251	>SMAD4-D53LQLLYEVL	87	164
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>SMAD4-D53LQLLDEVL	211	>SMAD4-D53LQLLYEVL	47	164
>SMAD4-D53LQLLDEVLHTI	86	>SMAD4-D53LQLLYEVLHTI	38	48

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>SMAD4-D5E LQLLDEVL	899	>SMAD4-D5E LQLLYEVL	334	565
>SMAD4-D5E ALQLLDEV	86	>SMAD4-D5E ALQLLYEV	25	61
>SMAD4-D5E ALQLLDEV	29	>SMAD4-D5E ALQLLYEV	13	16
>SMAD4-D5E ALQLLDEVL	309	>SMAD4-D5E ALQLLYEVL	144	165
>SMAD4-D5E ALQLLDEV	113	>SMAD4-D5E ALQLLYEV	42	71
>SMAD4-D5E ALQLLDEV	218	>SMAD4-D5E ALQLLYEV	143	75
>SMAD4-D5E ALQLLDEV	15	>SMAD4-D5E ALQLLYEV	5	10
>SMAD4-D5E ALQLLDEVL	1181	>SMAD4-D5E ALQLLYEVL	247	934
>SMAD4-D5E ALQLLDEV	13	>SMAD4-D5E ALQLLYEV	7	6
>SMAD4-D5E ALQLLDEVL	411	>SMAD4-D5E ALQLLYEVL	349	62
>SMAD4-D5E ALQLLDEV	19	>SMAD4-D5E ALQLLYEV	14	5
>SMAD4-D5E ALQLLDEV	65	>SMAD4-D5E ALQLLYEV	12	53
>SMAD4-D5E ALQLLDEV	4	>SMAD4-D5E ALQLLYEV	2	2
>SMAD4-D5E ALQLLDEVL	104	>SMAD4-D5E ALQLLYEVL	37	67
>SMAD4-D5E RALQLLDEV	163	>SMAD4-D5E RALQLLYEV	192	29
>SMAD4-D5E RALQLLDEV	1069	>SMAD4-D5E RALQLLYEV	36	1033
>SMAD4-D5E RALQLLDEV	801	>SMAD4-D5E RALQLLYEV	335	466
>SMAD4-D5E RALQLLDEV	21	>SMAD4-D5E RALQLLYEV	10	11
>SMAD4-D5E RALQLLDEV	46	>SMAD4-D5E RALQLLYEV	12	34
>SMAD4-D5E RALQLLDEV	2130	>SMAD4-D5E RALQLLYEV	152	1978
>SMAD4-D5E RALQLLDEV	189	>SMAD4-D5E RALQLLYEV	80	109
>SMAD4-D5E RALQLLDEV	3869	>SMAD4-D5E RALQLLYEV	344	3525
>SMAD4-D5E RALQLLDEV	1183	>SMAD4-D5E RALQLLYEV	150	1033
>SMAD4-D5E RALQLLDEV	826	>SMAD4-D5E RALQLLYEV	116	710
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>SMAD4-D5E HRALQLLD	23999	>SMAD4-D5E HRALQLLY	96	23903
>SMAD4-D5E HRALQLLD	24667	>SMAD4-D5E HRALQLLY	45	24622
>SMAD4-D5E HRALQLLD	2635	>SMAD4-D5E HRALQLLY	77	2558
>SMAD4-D5E HRALQLLDEV	229	>SMAD4-D5E HRALQLLYEV	74	155
>SMAD4-D5E HRALQLLDEV	183	>SMAD4-D5E HRALQLLYEV	87	96
>SMAD4-D5E HRALQLLDEV	149	>SMAD4-D5E HRALQLLYEV	82	67
>SMAD4-D5E HRALQLLDEV	642	>SMAD4-D5E HRALQLLYEV	332	310
>SMAD4-D5E HRALQLLDEV	142	>SMAD4-D5E HRALQLLYEV	47	95
>SMAD4-D5E HRALQLLD	37984	>SMAD4-D5E HRALQLLY	441	37543
>SMAD4-D5E LHRALQLLD	21505	>SMAD4-D5E LHRALQLLY	24	21481
>SMAD4-D5E LHRALQLLD	23770	>SMAD4-D5E LHRALQLLY	20	23750
>SMAD4-D5E LHRALQLLD	23703	>SMAD4-D5E LHRALQLLY	240	23463
>SMAD4-D5E LHRALQLLD	13681	>SMAD4-D5E LHRALQLLY	180	13501
>SMAD4-D5E HLHRALQLLD	17137	>SMAD4-D5E HLHRALQLLY	423	16714
>SMAD4-D5E HLHRALQLLD	33557	>SMAD4-D5E HLHRALQLLY	445	33112
>SMAD4-D5E HLHRALQLLD	1622	>SMAD4-D5E HLHRALQLLY	78	1544

>SMAD4-D5EHLHRALQLLD	18437	>SMAD4-D5EHLHRALQLLY	8	18429
>SMAD4-D5EHLHRALQLLD	21690	>SMAD4-D5EHLHRALQLLY	186	21504
>SMAD4-D5EHLHRALQLLD	30300	>SMAD4-D5EHLHRALQLLY	161	30139
>SMAD4-E33EMDVQVGET	4486	>SMAD4-E33AMDVQVGET	448	4038
>SMAD4-E33EMDVQVGET	2287	>SMAD4-E33AMDVQVGET	154	2133
>SMAD4-E33EMDVQVGET	1316	>SMAD4-E33AMDVQVGET	44	1272
>SMAD4-E33EMDVQVGET	242	>SMAD4-E33AMDVQVGET	7720	7478
>SMAD4-E33EMDVQVGET	2322	>SMAD4-E33AMDVQVGET	322	2000
>SMAD4-E33EMDVQVGET	1671	>SMAD4-E33AMDVQVGET	291	1380
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>SMAD4-E33FEMDVQVGE	4979	>SMAD4-E33FAMDVQVGE	367	4612
>SMAD4-E33FEMDVQVGE	259	>SMAD4-E33FAMDVQVGE	42	217
>SMAD4-E33FEMDVQVGE	2639	>SMAD4-E33FAMDVQVGE	298	2341
>SMAD4-E33FEMDVQVGE	143	>SMAD4-E33FAMDVQVGE	88	55
>SMAD4-E33FEMDVQVGE	23	>SMAD4-E33FAMDVQVGE	18	5
>SMAD4-E33FEMDVQVGE	17135	>SMAD4-E33FAMDVQVGE	20	17115
>SMAD4-E33FEMDVQVGE	11	>SMAD4-E33FAMDVQVGE	4473	4462
>SMAD4-E33FEMDVQVGE	1182	>SMAD4-E33FAMDVQVGE	17	1165
>SMAD4-E33FEMDVQVGE	25	>SMAD4-E33FAMDVQVGE	17492	17467
>SMAD4-E33FEMDVQVGE	250	>SMAD4-E33FAMDVQVGE	28870	28620
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>SMAD4-E33FEMDVQVGE	67	>SMAD4-E33FAMDVQVGE	19091	19024
>SMAD4-E33FEMDVQVGE	1037	>SMAD4-E33FAMDVQVGE	36	1001
>SMAD4-E33FEMDVQVGE	7393	>SMAD4-E33FAMDVQVGE	153	7240
>SMAD4-E33FEMDVQVGE	11584	>SMAD4-E33FAMDVQVGE	23	11561
>SMAD4-E33FEMDVQVGE	1187	>SMAD4-E33FAMDVQVGE	125	1062
>SMAD4-E33FEMDVQVGE	281	>SMAD4-E33FAMDVQVGE	33937	33656
>SMAD4-E33FEMDVQVGE	341	>SMAD4-E33FAMDVQVGE	36094	35753
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>SMAD4-E33FEMDVQVGE	1828	>SMAD4-E33FAMDVQVGE	405	1423
>SMAD4-E33PEYWCSIAYF	6923	>SMAD4-E33PEYWCSIAYF	104	6819
>SMAD4-E33YFEMDVQV	4065	>SMAD4-E33YFAMDVQV	146	3919
>SMAD4-E33YFEMDVQV	2543	>SMAD4-E33YFAMDVQV	347	2196
>SMAD4-E33YFEMDVQV	4171	>SMAD4-E33YFAMDVQV	118	4053
>SMAD4-E33YFEMDVQV	98	>SMAD4-E33YFAMDVQV	19	79
>SMAD4-E33AYFEMDVQV	251	>SMAD4-E33AYFAMDVQV	21	230
>SMAD4-E33AYFEMDVQV	217	>SMAD4-E33AYFAMDVQV	1105	888
>SMAD4-E33AYFEMDVQV	86	>SMAD4-E33AYFAMDVQV	440	354
>SMAD4-E33AYFEMDVQV	30	>SMAD4-E33AYFAMDVQV	79	49
>SMAD4-E33AYFEMDVQV	135	>SMAD4-E33AYFAMDVQV	111	24
>SMAD4-E33IAYFEMDV	1197	>SMAD4-E33IAYFAMDV	363	834
>SMAD4-E33IAYFEMDV	563	>SMAD4-E33IAYFAMDV	202	361
>SMAD4-E33IAYFEMDV	1362	>SMAD4-E33IAYFAMDV	434	928

>SMAD4-E33 IAYFEMDVQ\	438	>SMAD4-E33 IAYFAMDVQ\	517	79
>SMAD4-E33 IAYFEMDVQ\	174	>SMAD4-E33 IAYFAMDVQ\	191	17
>SMAD4-E33 IAYFEMDV	548	>SMAD4-E33 IAYFAMDV	423	125
>SMAD4-E33 IAYFEMDVQ\	239	>SMAD4-E33 IAYFAMDVQ\	242	3
>SMAD4-E33 IAYFEMDV	1729	>SMAD4-E33 IAYFAMDV	332	1397
>SMAD4-E33 IAYFEMDVQ\	303	>SMAD4-E33 IAYFAMDVQ\	174	129
>SMAD4-E33 SIAYFEMDV	550	>SMAD4-E33 SIAYFAMDV	431	119
>SMAD4-E33 SIAYFEMDVC	130	>SMAD4-E33 SIAYFAMDVC	132	2
>SMAD4-E33 SIAYFEMDV	164	>SMAD4-E33 SIAYFAMDV	95	69
>SMAD4-E33 SIAYFEMDVC	28	>SMAD4-E33 SIAYFAMDVC	22	6
>SMAD4-E33 SIAYFEMDV	175	>SMAD4-E33 SIAYFAMDV	35	140
>SMAD4-E33 SIAYFEMDVC	90	>SMAD4-E33 SIAYFAMDVC	47	43
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>SMAD4-E33 SIAYFEMDVC	214	>SMAD4-E33 SIAYFAMDVC	121	93
>SMAD4-E33 SIAYFEMDVC	144	>SMAD4-E33 SIAYFAMDVC	145	1
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>SMAD4-E33 SIAYFEMDVC	33	>SMAD4-E33 SIAYFAMDVC	37	4
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>SMAD4-E33 SIAYFEMDVC	23	>SMAD4-E33 SIAYFAMDVC	16	7
>SMAD4-E33 SIAYFEMDV	1519	>SMAD4-E33 SIAYFAMDV	70	1449
>SMAD4-E33 SIAYFEMDVC	348	>SMAD4-E33 SIAYFAMDVC	110	238
>SMAD4-E33 CSIAYFEM	299	>SMAD4-E33 CSIAYFAM	105	194
>SMAD4-E33 CSIAYFEM	209	>SMAD4-E33 CSIAYFAM	67	142
>SMAD4-E33 CSIAYFEMDV	56	>SMAD4-E33 CSIAYFAMDV	27	29
>SMAD4-E33 CSIAYFEM	622	>SMAD4-E33 CSIAYFAM	246	376
>SMAD4-E33 CSIAYFEM	93	>SMAD4-E33 CSIAYFAM	67	26
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>SMAD4-E33 CSIAYFEM	317	>SMAD4-E33 CSIAYFAM	194	123
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>SMAD4-E33 YWCSIAYFEM	277	>SMAD4-E33 YWCSIAYFAM	304	27
>SMAD4-E33 YWCSIAYFEM	29	>SMAD4-E33 YWCSIAYFAM	77	48
>SMAD4-E33 YWCSIAYFE	349	>SMAD4-E33 YWCSIAYFA	232	117
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>SMAD4-E33 EYWCSIAYFE	309	>SMAD4-E33 EYWCSIAYFA	541	232
>SMAD4-E33 EYWCSIAYFE	102	>SMAD4-E33 EYWCSIAYFA	266	164
>SMAD4-E33 EYWCSIAYFE	645	>SMAD4-E33 EYWCSIAYFA	322	323
>SMAD4-E33 EYWCSIAYFE	430	>SMAD4-E33 EYWCSIAYFA	362	68
>SMAD4-E33 EYWCSIAYFE	326	>SMAD4-E33 EYWCSIAYFA	101	225

>SMAD4-E33 EYWCSIAYFE	292	>SMAD4-E33 EYWCSIAYFA	231	61
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>SMAD4-E33 EMDVQVGET	2287	>SMAD4-E33 KMDVQVGET	59	2228
>SMAD4-E33 EMDVQVGET	1316	>SMAD4-E33 KMDVQVGET	53	1263
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>SMAD4-E33 EMDVQVGET	2767	>SMAD4-E33 KMDVQVGET	90	2677
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>SMAD4-E33 FEMDVQVGE	23	>SMAD4-E33 FKMDVQVGE	3	20
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>SMAD4-E33 AYFEMDVQV	217	>SMAD4-E33 AYFKMDVQV	2089	1872
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>SMAD4-E33 IAYFEMDVQ\	438	>SMAD4-E33 IAYFKMDVQ\	989	551
>SMAD4-E33 IAYFEMDVQ\	174	>SMAD4-E33 IAYFKMDVQ\	253	79
>SMAD4-E33 IAYFEMDVQ\	239	>SMAD4-E33 IAYFKMDVQ\	349	110
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>SMAD4-E33 SIAYFEMDVC	130	>SMAD4-E33 SIAYFKMDVC	339	209
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>SMAD4-E33 SIAYFEMDVC	28	>SMAD4-E33 SIAYFKMDVC	50	22
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>SMAD4-E33 SIAYFEMDV	45	>SMAD4-E33 SIAYFKMDV	44	1
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>SMAD4-E33 SIAYFEMDVC	348	>SMAD4-E33 SIAYFKMDVC	242	106
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>SMAD4-E33 CSIAYFEMDV	56	>SMAD4-E33 CSIAYFKMDV	98	42
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>SMAD4-E33 CSIAYFEM	85	>SMAD4-E33 CSIAYFKM	148	63
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>SMAD4-E33 WCSIAYFEM	143	>SMAD4-E33 WCSIAYFKM	677	534
>SMAD4-E33 YWCSIAYFEM	277	>SMAD4-E33 YWCSIAYFKM	304	27
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>SMAD4-E33 YWCSIAYFE	131	>SMAD4-E33 YWCSIAYFK	116	15
>SMAD4-E33 EYWCSIAYFE	309	>SMAD4-E33 EYWCSIAYFK	316	7
>SMAD4-E33 EYWCSIAYFE	102	>SMAD4-E33 EYWCSIAYFK	206	104
>SMAD4-E33 EYWCSIAYFE	10283	>SMAD4-E33 EYWCSIAYFK	357	9926
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>SMAD4-E33 EYWCSIAYFE	430	>SMAD4-E33 EYWCSIAYFK	692	262
>SMAD4-E33 EYWCSIAYFE	326	>SMAD4-E33 EYWCSIAYFK	1236	910
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>SMAD4-E33 EMDVQVGET	2287	>SMAD4-E33 QMDVQVGE	423	1864
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>SMAD4-E33 EMDVQVGET	242	>SMAD4-E33 QMDVQVGE	2322	2080
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>SMAD4-E33 FEMDVQVGE	4646	>SMAD4-E33 FQMDVQVGI	196	4450
>SMAD4-E33 FEMDVQVGE	5534	>SMAD4-E33 FQMDVQVGI	114	5420
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>SMAD4-E33 FEMDVQVGE	9061	>SMAD4-E33 FQMDVQVGI	64	8997
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>SMAD4-E33 FEMDVQVGE	259	>SMAD4-E33 FQMDVQVGI	5	254
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>SMAD4-E33 FEMDVQVGE	2639	>SMAD4-E33 FQMDVQVGI	261	2378

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>SMAD4-E33 FEMDVQVGE	143	>SMAD4-E33 FQMDVQVGI	37	106
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>SMAD4-E33 FEMDVQVGE	1182	>SMAD4-E33 FQMDVQVGI	426	756
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>SMAD4-E33 FEMDVQVGE	25	>SMAD4-E33 FQMDVQVGI	1690	1665
>SMAD4-E33 FEMDVQVGE	250	>SMAD4-E33 FQMDVQVGI	8299	8049
>SMAD4-E33 FEMDVQVGE	133	>SMAD4-E33 FQMDVQVGI	6794	6661
>SMAD4-E33 FEMDVQVGE	67	>SMAD4-E33 FQMDVQVGI	3335	3268
>SMAD4-E33 FEMDVQVGE	1037	>SMAD4-E33 FQMDVQVGI	358	679
>SMAD4-E33 FEMDVQVGE	281	>SMAD4-E33 FQMDVQVGI	20223	19942
>SMAD4-E33 FEMDVQVGE	341	>SMAD4-E33 FQMDVQVGI	26594	26253
>SMAD4-E33 FEMDVQVGE	15	>SMAD4-E33 FQMDVQVGI	2987	2972
>SMAD4-E33 PEYWCSIAYF	1612	>SMAD4-E33 PEYWCSIAYF	435	1177
>SMAD4-E33 YFEMDVQV	98	>SMAD4-E33 YFQMDVQV	39	59
>SMAD4-E33 AYFEMDVQV	251	>SMAD4-E33 AYFQMDVQV	155	96
>SMAD4-E33 AYFEMDVQV	217	>SMAD4-E33 AYFQMDVQV	1255	1038
>SMAD4-E33 AYFEMDVQV	86	>SMAD4-E33 AYFQMDVQV	415	329
>SMAD4-E33 AYFEMDVQV	30	>SMAD4-E33 AYFQMDVQV	68	38
>SMAD4-E33 AYFEMDVQV	135	>SMAD4-E33 AYFQMDVQV	72	63
>SMAD4-E33 IAYFEMDV	1197	>SMAD4-E33 IAYFQMDV	440	757
>SMAD4-E33 IAYFEMDV	563	>SMAD4-E33 IAYFQMDV	308	255
>SMAD4-E33 IAYFEMDVQ\	438	>SMAD4-E33 IAYFQMDVQ\	845	407
>SMAD4-E33 IAYFEMDVQ\	174	>SMAD4-E33 IAYFQMDVQ\	215	41
>SMAD4-E33 IAYFEMDV	548	>SMAD4-E33 IAYFQMDV	327	221
>SMAD4-E33 IAYFEMDVQ\	239	>SMAD4-E33 IAYFQMDVQ\	225	14
>SMAD4-E33 IAYFEMDVQ\	303	>SMAD4-E33 IAYFQMDVQ\	196	107
>SMAD4-E33 SIAYFEMDV	550	>SMAD4-E33 SIAYFQMDV	256	294
>SMAD4-E33 SIAYFEMDVC	130	>SMAD4-E33 SIAYFQMDVC	136	6
>SMAD4-E33 SIAYFEMDV	164	>SMAD4-E33 SIAYFQMDV	64	100
>SMAD4-E33 SIAYFEMDVC	28	>SMAD4-E33 SIAYFQMDVC	24	4
>SMAD4-E33 SIAYFEMDV	175	>SMAD4-E33 SIAYFQMDV	49	126
>SMAD4-E33 SIAYFEMDVC	90	>SMAD4-E33 SIAYFQMDVC	68	22
>SMAD4-E33 SIAYFEMDVC	214	>SMAD4-E33 SIAYFQMDVC	235	21
>SMAD4-E33 SIAYFEMDVC	144	>SMAD4-E33 SIAYFQMDVC	154	10
>SMAD4-E33 SIAYFEMDV	129	>SMAD4-E33 SIAYFQMDV	105	24
>SMAD4-E33 SIAYFEMDVC	33	>SMAD4-E33 SIAYFQMDVC	34	1
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>SMAD4-E33 SIAYFEMDVC	13	>SMAD4-E33 SIAYFQMDVC	11	2
>SMAD4-E33 SIAYFEMDV	65	>SMAD4-E33 SIAYFQMDV	29	36



>SMAD4-E33 SIAYFEMDVC	23	>SMAD4-E33 SIAYFQMDVC	20	3
>SMAD4-E33 SIAYFEMDV	1519	>SMAD4-E33 SIAYFQMDV	272	1247
>SMAD4-E33 SIAYFEMDVC	348	>SMAD4-E33 SIAYFQMDVC	197	151
>SMAD4-E33 CSIAYFEM	299	>SMAD4-E33 CSIAYFQM	86	213
>SMAD4-E33 CSIAYFEM	209	>SMAD4-E33 CSIAYFQM	203	6
>SMAD4-E33 CSIAYFEMDV	56	>SMAD4-E33 CSIAYFQMDV	47	9
>SMAD4-E33 CSIAYFEM	93	>SMAD4-E33 CSIAYFQM	40	53
>SMAD4-E33 CSIAYFEM	85	>SMAD4-E33 CSIAYFQM	60	25
>SMAD4-E33 CSIAYFEM	317	>SMAD4-E33 CSIAYFQM	155	162
>SMAD4-E33 WCSIAYFEM	143	>SMAD4-E33 WCSIAYFQM	504	361
>SMAD4-E33 WCSIAYFEM	730	>SMAD4-E33 WCSIAYFQM	405	325
>SMAD4-E33 YWCSIAYFEM	277	>SMAD4-E33 YWCSIAYFQM	389	112
>SMAD4-E33 YWCSIAYFEM	29	>SMAD4-E33 YWCSIAYFQM	38	9
>SMAD4-E33 YWCSIAYFE	757	>SMAD4-E33 YWCSIAYFQ	186	571
>SMAD4-E33 YWCSIAYFE	349	>SMAD4-E33 YWCSIAYFQ	62	287
>SMAD4-E33 YWCSIAYFE	131	>SMAD4-E33 YWCSIAYFQ	107	24
>SMAD4-E33 EYWCSIAYFE	309	>SMAD4-E33 EYWCSIAYFQ	335	26
>SMAD4-E33 EYWCSIAYFE	102	>SMAD4-E33 EYWCSIAYFQ	139	37
>SMAD4-E33 EYWCSIAYFE	430	>SMAD4-E33 EYWCSIAYFQ	302	128
>SMAD4-E33 EYWCSIAYFE	326	>SMAD4-E33 EYWCSIAYFQ	889	563
>SMAD4-E33 EYWCSIAYFE	292	>SMAD4-E33 EYWCSIAYFQ	46	246
>SMAD4-F33 FKVPSSCPI	322	>SMAD4-F33 SKVPSSCPI	318	4
>SMAD4-F33 FKVPSSCPI	160	>SMAD4-F33 SKVPSSCPI	1519	1359
>SMAD4-F33 FKVPSSCPIV	298	>SMAD4-F33 SKVPSSCPIV	2093	1795
>SMAD4-F33 FKVPSSCPIV	327	>SMAD4-F33 SKVPSSCPIV	2525	2198
>SMAD4-F33 FKVPSSCP	254	>SMAD4-F33 SKVPSSCP	880	626
>SMAD4-F33 FKVPSSCPI	7	>SMAD4-F33 SKVPSSCPI	17	10
>SMAD4-F33 FKVPSSCPIV	12	>SMAD4-F33 SKVPSSCPIV	37	25
>SMAD4-F33 FKVPSSCPIVT	164	>SMAD4-F33 SKVPSSCPIVT	754	590
>SMAD4-F33 FKVPSSCPI	105	>SMAD4-F33 SKVPSSCPI	676	571
>SMAD4-F33 FKVPSSCPIV	364	>SMAD4-F33 SKVPSSCPIV	2768	2404
>SMAD4-F33 TFKVPSSCPI	125	>SMAD4-F33 TSKVPSSCPI	42	83
>SMAD4-F33 TFKVPSSCPIV	1493	>SMAD4-F33 TSKVPSSCPIV	449	1044
>SMAD4-F33 TFKVPSSCPI	24033	>SMAD4-F33 TSKVPSSCPI	62	23971
>SMAD4-F33 TFKVPSSCPI	16427	>SMAD4-F33 TSKVPSSCPI	161	16266
>SMAD4-F33 FEMDVQVGE	259	>SMAD4-F33 FEMDVQVGE	1840	1581
>SMAD4-F33 FEMDVQVGE	143	>SMAD4-F33 FEMDVQVGE	15390	15247
>SMAD4-F33 FEMDVQVGE	23	>SMAD4-F33 FEMDVQVGE	13601	13578
>SMAD4-F33 FEMDVQVGE	11	>SMAD4-F33 FEMDVQVGE	682	671
>SMAD4-F33 FEMDVQVGE	25	>SMAD4-F33 FEMDVQVGE	3028	3003
>SMAD4-F33 FEMDVQVGE	250	>SMAD4-F33 FEMDVQVGE	904	654
>SMAD4-F33 FEMDVQVGE	133	>SMAD4-F33 FEMDVQVGE	3297	3164
>SMAD4-F33 FEMDVQVGE	67	>SMAD4-F33 FEMDVQVGE	2393	2326

>SMAD4-F33 FEMDVQVGE	15	>SMAD4-F33 FEMDVQVGE	207	192
>SMAD4-F33 ETFKVPSSCPI	35	>SMAD4-F33 ETSKVPSSCPI	917	882
>SMAD4-F33 ETFKVPSS	418	>SMAD4-F33 ETSKVPSS	2132	1714
>SMAD4-F33 ETFKVPSS	229	>SMAD4-F33 ETSKVPSS	896	667
>SMAD4-F33 ETFKVPSSC	197	>SMAD4-F33 ETSKVPSSC	716	519
>SMAD4-F33 ETFKVPSSCPI	5	>SMAD4-F33 ETSKVPSSCPI	6	1
>SMAD4-F33 ETFKVPSSCPI	9	>SMAD4-F33 ETSKVPSSCPI	21	12
>SMAD4-F33 ETFKVPSSCPI	119	>SMAD4-F33 ETSKVPSSCPI	658	539
>SMAD4-F33 ETFKVPSSCPI	49	>SMAD4-F33 ETSKVPSSCPI	249	200
>SMAD4-F33 QVGETFKV	118	>SMAD4-F33 QVGETSKV	1387	1269
>SMAD4-F33 QVGETFKV	157	>SMAD4-F33 QVGETSKV	452	295
>SMAD4-F33 QVGETFKV	291	>SMAD4-F33 QVGETSKV	1083	792
>SMAD4-F33 QVGETFKV	203	>SMAD4-F33 QVGETSKV	1094	891
>SMAD4-F33 QVGETFKV	52	>SMAD4-F33 QVGETSKV	113	61
>SMAD4-F33 QVGETFKV	194	>SMAD4-F33 QVGETSKV	577	383
>SMAD4-F33 QVGETFKV	23	>SMAD4-F33 QVGETSKV	79	56
>SMAD4-F33 VQVGETFKV	147	>SMAD4-F33 VQVGETSKV	4186	4039
>SMAD4-F33 VQVGETFKV	83	>SMAD4-F33 VQVGETSKV	389	306
>SMAD4-F33 VQVGETFKV	236	>SMAD4-F33 VQVGETSKV	66	170
>SMAD4-F33 VQVGETFKV	7	>SMAD4-F33 VQVGETSKV	33	26
>SMAD4-F33 VQVGETFKV	59	>SMAD4-F33 VQVGETSKV	344	285
>SMAD4-F33 VQVGETFKV	201	>SMAD4-F33 VQVGETSKV	1475	1274
>SMAD4-F33 VQVGETFKV	83	>SMAD4-F33 VQVGETSKV	1224	1141
>SMAD4-F33 VQVGETFKV	466	>SMAD4-F33 VQVGETSKV	4197	3731
>SMAD4-F33 VQVGETFKV	61	>SMAD4-F33 VQVGETSKV	181	120
>SMAD4-F33 VQVGETFK	132	>SMAD4-F33 VQVGETSK	1097	965
>SMAD4-F33 DVQVGETFK	116	>SMAD4-F33 DVQVGETSK	735	619
>SMAD4-F33 DVQVGETFK	43	>SMAD4-F33 DVQVGETSK	319	276
>SMAD4-F33 DVQVGETFK\	385	>SMAD4-F33 DVQVGETSK\	1562	1177
>SMAD4-F33 MDVQVGETF	466	>SMAD4-F33 MDVQVGETS	23575	23109
>SMAD4-F33 MDVQVGETF	379	>SMAD4-F33 MDVQVGETS	13379	13000
>SMAD4-F33 MDVQVGETF	216	>SMAD4-F33 MDVQVGETS	15505	15289
>SMAD4-F33 MDVQVGETF	208	>SMAD4-F33 MDVQVGETS	397	189
>SMAD4-F33 MDVQVGETF	204	>SMAD4-F33 MDVQVGETS	584	380
>SMAD4-F33 EMDVQVGET	242	>SMAD4-F33 EMDVQVGET	1039	797
>SMAD4-F40 FVQSYLDR	797	>SMAD4-F40 SVQSYLDR	54	743
>SMAD4-F40 FVQSYLDR	609	>SMAD4-F40 SVQSYLDR	66	543
>SMAD4-F40 FVQSYLDR	112	>SMAD4-F40 SVQSYLDR	281	169
>SMAD4-F40 FVQSYLDR	1860	>SMAD4-F40 SVQSYLDR	188	1672
>SMAD4-F40 VFVQSYLL	5895	>SMAD4-F40 VSVQSYLL	207	5688
>SMAD4-F40 VFVQSYLL	201	>SMAD4-F40 VSVQSYLL	49	152
>SMAD4-F40 VFVQSYLL	406	>SMAD4-F40 VSVQSYLL	794	388
>SMAD4-F40 VFVQSYLLDR	2530	>SMAD4-F40 VSVQSYLLDR	195	2335

>SMAD4-F40 VVQSYLL	69	>SMAD4-F40 VSVQSYLL	2781	2712
>SMAD4-F40 VVQSYLL	76	>SMAD4-F40 VSVQSYLL	13080	13004
>SMAD4-F40 VVQSYLLDR	232	>SMAD4-F40 VSVQSYLLDR	400	168
>SMAD4-F40 VVQSYLLDR	327	>SMAD4-F40 VSVQSYLLDR	2303	1976
>SMAD4-F40 VVQSYLLDR	1628	>SMAD4-F40 VSVQSYLLDR	478	1150
>SMAD4-F40 VVQSYLL	21096	>SMAD4-F40 VSVQSYLL	11	21085
>SMAD4-F40 VVQSYLL	11930	>SMAD4-F40 VSVQSYLL	113	11817
>SMAD4-F40 VVQSYLL	7581	>SMAD4-F40 VSVQSYLL	16	7565
>SMAD4-F40 VVQSYLLDR	3590	>SMAD4-F40 VSVQSYLLDR	324	3266
>SMAD4-F40 VVQSYLLDR	85	>SMAD4-F40 VSVQSYLLDR	846	761
>SMAD4-F40 VVQSYLL	162	>SMAD4-F40 VSVQSYLL	20405	20243
>SMAD4-F40 WVRCLSDHA	38	>SMAD4-F40 WVRCLSDHA	5665	5627
>SMAD4-F40 WVRCLSDHA	77	>SMAD4-F40 WVRCLSDHA	14009	13932
>SMAD4-F40 WVRCLSDHA	150	>SMAD4-F40 WVRCLSDHA	18151	18001
>SMAD4-F40 WVRCLSDHA	110	>SMAD4-F40 WVRCLSDHA	6300	6190
>SMAD4-F40 WVRCLSDHA	15	>SMAD4-F40 WVRCLSDHA	1054	1039
>SMAD4-F40 AVVQSYLL	172	>SMAD4-F40 AVSVQSYLL	3604	3432
>SMAD4-F40 AVVQSYLL	46	>SMAD4-F40 AVSVQSYLL	462	416
>SMAD4-F40 AVVQSYLL	8	>SMAD4-F40 AVSVQSYLL	11	3
>SMAD4-F40 AVVQSYLL	43	>SMAD4-F40 AVSVQSYLL	203	160
>SMAD4-F40 AVVQSYLL	50	>SMAD4-F40 AVSVQSYLL	1047	997
>SMAD4-F40 AVVQSYLL	76	>SMAD4-F40 AVSVQSYLL	470	394
>SMAD4-F40 AVVQSYLL	125	>SMAD4-F40 AVSVQSYLL	1282	1157
>SMAD4-F40 AVVQSYLL	135	>SMAD4-F40 AVSVQSYLL	560	425
>SMAD4-F40 AVVQSY	118	>SMAD4-F40 AVSVQSY	428	310
>SMAD4-F40 AVVQSY	35	>SMAD4-F40 AVSVQSY	65	30
>SMAD4-F40 AVVQSYLD	47	>SMAD4-F40 AVSVQSYLD	121	74
>SMAD4-F40 AVVQSY	411	>SMAD4-F40 AVSVQSY	243	168
>SMAD4-F40 AVVQSY	15	>SMAD4-F40 AVSVQSY	39	24
>SMAD4-F40 AVVQSY	327	>SMAD4-F40 AVSVQSY	1749	1422
>SMAD4-F40 AVVQSYLL	60	>SMAD4-F40 AVSVQSYLL	375	315
>SMAD4-F40 AVVQSY	17	>SMAD4-F40 AVSVQSY	17	0
>SMAD4-F40 AVVQSYLL	365	>SMAD4-F40 AVSVQSYLL	2912	2547
>SMAD4-F40 AVVQSYLD	34	>SMAD4-F40 AVSVQSYLD	168	134
>SMAD4-F40 AVVQSYLL	94	>SMAD4-F40 AVSVQSYLL	2431	2337
>SMAD4-F40 AVVQSY	304	>SMAD4-F40 AVSVQSY	1913	1609
>SMAD4-F40 AVVQSYLD	69	>SMAD4-F40 AVSVQSYLD	458	389
>SMAD4-F40 AVVQSYLL	50	>SMAD4-F40 AVSVQSYLL	208	158
>SMAD4-F40 AVVQSY	55	>SMAD4-F40 AVSVQSY	118	63
>SMAD4-F40 AVVQSY	137	>SMAD4-F40 AVSVQSY	272	135
>SMAD4-F40 AVVQSY	490	>SMAD4-F40 AVSVQSY	2558	2068
>SMAD4-F40 AVVQSY	203	>SMAD4-F40 AVSVQSY	1575	1372
>SMAD4-F40 AVVQSY	31	>SMAD4-F40 AVSVQSY	191	160

>SMAD4-F40 AVFVQSYYL	232	>SMAD4-F40 AVSVQSYYL	1790	1558
>SMAD4-F40 AVFVQSYY	296	>SMAD4-F40 AVSVQSYY	265	31
>SMAD4-F40 AVFVQSYY	224	>SMAD4-F40 AVSVQSYY	341	117
>SMAD4-F40 AVFVQSYYLD	81	>SMAD4-F40 AVSVQSYYLD	161	80
>SMAD4-F40 HAVFVQSYYL	653	>SMAD4-F40 HAVSVQSYYL	191	462
>SMAD4-F40 HAVFVQSYY	508	>SMAD4-F40 HAVSVQSYY	309	199
>SMAD4-F40 HAVFVQSYY	155	>SMAD4-F40 HAVSVQSYY	78	77
>SMAD4-F40 HAVFVQSYY	225	>SMAD4-F40 HAVSVQSYY	118	107
>SMAD4-F40 HAVFVQSYY	188	>SMAD4-F40 HAVSVQSYY	94	94
>SMAD4-F40 HAVFVQSYY	68	>SMAD4-F40 HAVSVQSYY	99	31
>SMAD4-F40 HAVFVQSYY	312	>SMAD4-F40 HAVSVQSYY	250	62
>SMAD4-F40 HAVFVQSYY	36	>SMAD4-F40 HAVSVQSYY	25	11
>SMAD4-F40 HAVFVQSYY	292	>SMAD4-F40 HAVSVQSYY	361	69
>SMAD4-F40 HAVFVQSYY	21	>SMAD4-F40 HAVSVQSYY	23	2
>SMAD4-F40 HAVFVQSYYL	188	>SMAD4-F40 HAVSVQSYYL	429	241
>SMAD4-F40 HAVFVQSYYL	290	>SMAD4-F40 HAVSVQSYYL	250	40
>SMAD4-F40 HAVFVQSYY	390	>SMAD4-F40 HAVSVQSYY	435	45
>SMAD4-F40 HAVFVQSYY	233	>SMAD4-F40 HAVSVQSYY	147	86
>SMAD4-F40 HAVFVQSYY	796	>SMAD4-F40 HAVSVQSYY	493	303
>SMAD4-F40 HAVFVQSYY	238	>SMAD4-F40 HAVSVQSYY	60	178
>SMAD4-F40 HAVFVQSYY	1048	>SMAD4-F40 HAVSVQSYY	195	853
>SMAD4-F40 HAVFVQSYY	22	>SMAD4-F40 HAVSVQSYY	18	4
>SMAD4-F40 HAVFVQSYY	38	>SMAD4-F40 HAVSVQSYY	47	9
>SMAD4-F40 HAVFVQSYYL	255	>SMAD4-F40 HAVSVQSYYL	246	9
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>SMAD4-F40 HAVFVQSYY	57	>SMAD4-F40 HAVSVQSYY	37	20
>SMAD4-F40 HAVFVQSYY	766	>SMAD4-F40 HAVSVQSYY	456	310
>SMAD4-F40 HAVFVQSYY	643	>SMAD4-F40 HAVSVQSYY	304	339
>SMAD4-F40 HAVFVQSYY	362	>SMAD4-F40 HAVSVQSYY	148	214
>SMAD4-F40 HAVFVQSYY	47	>SMAD4-F40 HAVSVQSYY	23	24
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>SMAD4-F40 HAVFVQSYY	25	>SMAD4-F40 HAVSVQSYY	13	12
>SMAD4-F40 HAVFVQSYY	72	>SMAD4-F40 HAVSVQSYY	39	33
>SMAD4-F40 HAVFVQSYY	233	>SMAD4-F40 HAVSVQSYY	77	156
>SMAD4-F40 HAVFVQSYY	176	>SMAD4-F40 HAVSVQSYY	325	149
>SMAD4-F40 DHAVFVQSYY	490	>SMAD4-F40 DHAVSVQSYY	665	175
>SMAD4-F40 DHAVFVQSYY	410	>SMAD4-F40 DHAVSVQSYY	402	8
>SMAD4-F40 DHAVFVQSYY	352	>SMAD4-F40 DHAVSVQSYY	265	87
>SMAD4-F40 DHAVFVQSYY	388	>SMAD4-F40 DHAVSVQSYY	214	174
>SMAD4-F40 DHAVFVQSYY	304	>SMAD4-F40 DHAVSVQSYY	1399	1095
>SMAD4-F40 DHAVFVQSYY	549	>SMAD4-F40 DHAVSVQSYY	489	60
>SMAD4-F40 SDHAVFVQSYY	191	>SMAD4-F40 SDHAVSVQSYY	182	9
>SMAD4-F40 LSDHAVFV	461	>SMAD4-F40 LSDHAVSV	2075	1614

>SMAD4-F40 LSDHAVFVQ	18	>SMAD4-F40 LSDHAVSVQ	23	5
>SMAD4-F40 LSDHAVFV	101	>SMAD4-F40 LSDHAVSV	512	411
>SMAD4-F40 LSDHAVFVQ	306	>SMAD4-F40 LSDHAVSVQ	397	91
>SMAD4-F40 LSDHAVFVQ	229	>SMAD4-F40 LSDHAVSVQ	133	96
>SMAD4-F40 LSDHAVFVQ	361	>SMAD4-F40 LSDHAVSVQ	248	113
>SMAD4-F40 LSDHAVFVQ	5	>SMAD4-F40 LSDHAVSVQ	4	1
>SMAD4-F40 LSDHAVFVQ	268	>SMAD4-F40 LSDHAVSVQ	308	40
>SMAD4-F40 LSDHAVFVQ	59	>SMAD4-F40 LSDHAVSVQ	92	33
>SMAD4-F40 LSDHAVFVQ	196	>SMAD4-F40 LSDHAVSVQ	88	108
>SMAD4-F40 LSDHAVFVQ	388	>SMAD4-F40 LSDHAVSVQ	621	233
>SMAD4-F40 CLSDHAVFV	18	>SMAD4-F40 CLSDHAVSV	36	18
>SMAD4-F40 CLSDHAVFV	4	>SMAD4-F40 CLSDHAVSV	6	2
>SMAD4-F40 CLSDHAVFVC	413	>SMAD4-F40 CLSDHAVSVC	686	273
>SMAD4-F40 CLSDHAVFV	5	>SMAD4-F40 CLSDHAVSV	5	0
>SMAD4-F40 CLSDHAVFV	17	>SMAD4-F40 CLSDHAVSV	36	19
>SMAD4-F40 CLSDHAVFV	5	>SMAD4-F40 CLSDHAVSV	6	1
>SMAD4-F40 CLSDHAVFV	6	>SMAD4-F40 CLSDHAVSV	8	2
>SMAD4-F40 CLSDHAVFV	10	>SMAD4-F40 CLSDHAVSV	42	32
>SMAD4-F40 CLSDHAVFV	3	>SMAD4-F40 CLSDHAVSV	6	3
>SMAD4-F40 CLSDHAVFV	3	>SMAD4-F40 CLSDHAVSV	2	1
>SMAD4-F40 CLSDHAVFVC	257	>SMAD4-F40 CLSDHAVSVC	465	208
>SMAD4-F40 CLSDHAVFV	183	>SMAD4-F40 CLSDHAVSV	670	487
>SMAD4-F40 CLSDHAVF	138	>SMAD4-F40 CLSDHAVS	15211	15073
>SMAD4-F40 CLSDHAVF	178	>SMAD4-F40 CLSDHAVS	21427	21249
>SMAD4-F40 RCLSDHAVFV	142	>SMAD4-F40 RCLSDHAVSV	271	129
>SMAD4-F40 RCLSDHAVFV	414	>SMAD4-F40 RCLSDHAVSV	1753	1339
>SMAD4-F40 RCLSDHAVF	462	>SMAD4-F40 RCLSDHAVS	20871	20409
>SMAD4-F40 RCLSDHAVF	23	>SMAD4-F40 RCLSDHAVS	11460	11437
>SMAD4-F40 RCLSDHAVF	37	>SMAD4-F40 RCLSDHAVS	4953	4916
>SMAD4-F40 VRCLSDHAVF	94	>SMAD4-F40 VRCLSDHAVS	9862	9768
>SMAD4-G24 QPGQQQNGI	163	>SMAD4-G24 QPEQQQNGI	83	80
>SMAD4-G24 LQIASGPQPG	111	>SMAD4-G24 LQIASGPQPE	381	270
>SMAD4-G3E IERARLHIGKC	1309	>SMAD4-G3E IERARLHIGKC	95	1214
>SMAD4-G3E HIGKGVQL	384	>SMAD4-G3E HIGKCVQL	691	307
>SMAD4-G3E LHIGKGVQL	273	>SMAD4-G3E LHIGKCVQL	789	516
>SMAD4-G3E RLHIGKGV	27	>SMAD4-G3E RLHIGKCV	181	154
>SMAD4-G3E RLHIGKGV	5	>SMAD4-G3E RLHIGKCV	11	6
>SMAD4-G3E RLHIGKGVQL	38	>SMAD4-G3E RLHIGKCVQL	36	2
>SMAD4-G3E RLHIGKGV	150	>SMAD4-G3E RLHIGKCV	188	38
>SMAD4-G3E RLHIGKGV	46	>SMAD4-G3E RLHIGKCV	29	17
>SMAD4-G3E RLHIGKGVQL	358	>SMAD4-G3E RLHIGKCVQL	212	146
>SMAD4-G3E RLHIGKGV	6	>SMAD4-G3E RLHIGKCV	11	5
>SMAD4-G3E RLHIGKGVQ	6919	>SMAD4-G3E RLHIGKCVQ	301	6618

>SMAD4-G3εRLHIGKGVQL	18	>SMAD4-G3εRLHIGKCVQL	9	9
>SMAD4-G3εRLHIGKGVQL	318	>SMAD4-G3εRLHIGKCVQL	432	114
>SMAD4-G3εARLHIGKGV	333	>SMAD4-G3εARLHIGKCV	146	187
>SMAD4-G3εARLHIGKGV	127	>SMAD4-G3εARLHIGKCVQ	173	46
>SMAD4-G3εARLHIGKGV	129	>SMAD4-G3εARLHIGKCV	221	92
>SMAD4-G3εARLHIGKGV	55	>SMAD4-G3εARLHIGKCVQ	130	75
>SMAD4-G3εARLHIGKGV	357	>SMAD4-G3εARLHIGKCVQ	396	39
>SMAD4-G3εARLHIGKGV	127	>SMAD4-G3εARLHIGKCVQ	129	2
>SMAD4-G3εRARLHIGKG	105	>SMAD4-G3εRARLHIGKC	594	489
>SMAD4-G3εRARLHIGKGV	29	>SMAD4-G3εRARLHIGKCV	39	10
>SMAD4-G3εRARLHIGKGV	127	>SMAD4-G3εRARLHIGKCV	63	64
>SMAD4-G3εRARLHIGKGV	109	>SMAD4-G3εRARLHIGKCV	1609	1500
>SMAD4-G3εKGVQLECK	22394	>SMAD4-G3εKRVQLECK	162	22232
>SMAD4-G3εHIGKGVQL	384	>SMAD4-G3εHIGKRVQL	729	345
>SMAD4-G3εHIGKGVQL	9724	>SMAD4-G3εHIGKRVQL	455	9269
>SMAD4-G3εLHIGKGVQL	273	>SMAD4-G3εLHIGKRVQL	185	88
>SMAD4-G3εRLHIGKGV	27	>SMAD4-G3εRLHIGKRV	65	38
>SMAD4-G3εRLHIGKGV	5	>SMAD4-G3εRLHIGKRV	7	2
>SMAD4-G3εRLHIGKGVQL	38	>SMAD4-G3εRLHIGKRVQL	114	76
>SMAD4-G3εRLHIGKGV	150	>SMAD4-G3εRLHIGKRV	664	514
>SMAD4-G3εRLHIGKGV	46	>SMAD4-G3εRLHIGKRV	97	51
>SMAD4-G3εRLHIGKGVQL	358	>SMAD4-G3εRLHIGKRVQL	1056	698
>SMAD4-G3εRLHIGKGV	6	>SMAD4-G3εRLHIGKRV	6	0
>SMAD4-G3εRLHIGKGVQL	18	>SMAD4-G3εRLHIGKRVQL	21	3
>SMAD4-G3εRLHIGKGVQL	761	>SMAD4-G3εRLHIGKRVQL	296	465
>SMAD4-G3εRLHIGKGVQL	318	>SMAD4-G3εRLHIGKRVQL	769	451
>SMAD4-G3εARLHIGKGV	333	>SMAD4-G3εARLHIGKRV	472	139
>SMAD4-G3εARLHIGKGV	127	>SMAD4-G3εARLHIGKRVQ	191	64
>SMAD4-G3εARLHIGKG	2121	>SMAD4-G3εARLHIGKR	59	2062
>SMAD4-G3εARLHIGKGV	129	>SMAD4-G3εARLHIGKRV	170	41
>SMAD4-G3εARLHIGKGV	55	>SMAD4-G3εARLHIGKRVQ	49	6
>SMAD4-G3εARLHIGKGV	357	>SMAD4-G3εARLHIGKRVQ	217	140
>SMAD4-G3εARLHIGKGV	127	>SMAD4-G3εARLHIGKRVQ	68	59
>SMAD4-G3εRARLHIGKG	105	>SMAD4-G3εRARLHIGKR	36	69
>SMAD4-G3εRARLHIGKGV	29	>SMAD4-G3εRARLHIGKRV	26	3
>SMAD4-G3εRARLHIGKGV	127	>SMAD4-G3εRARLHIGKRV	101	26
>SMAD4-G3εRARLHIGKG	17192	>SMAD4-G3εRARLHIGKR	12	17180
>SMAD4-G3εRARLHIGKGV	109	>SMAD4-G3εRARLHIGKRV	101	8
>SMAD4-G3εERARLHIGKG	5263	>SMAD4-G3εERARLHIGKR	370	4893
>SMAD4-G4ϵGVDDLRRLCI	728	>SMAD4-G4ϵVVDDLRRLCII	300	428
>SMAD4-G4ϵIGVDDLRRRL	5915	>SMAD4-G4ϵIVVDDLRRRL	353	5562
>SMAD4-G4ϵIGVDDLRRRLC	7997	>SMAD4-G4ϵIVVDDLRRRLCI	460	7537
>SMAD4-G4ϵIGVDDLRRRL	16044	>SMAD4-G4ϵIVVDDLRRRL	215	15829

>SMAD4-G4 $\epsilon$ IGVDDLRR	20858	>SMAD4-G4 $\epsilon$ IVVDDLRR	67	20791
>SMAD4-G4 $\epsilon$ IGVDDLRR	2584	>SMAD4-G4 $\epsilon$ IVVDDLRR	63	2521
>SMAD4-G4 $\epsilon$ IGVDDLRR	619	>SMAD4-G4 $\epsilon$ IVVDDLRR	442	177
>SMAD4-G4 $\epsilon$ AISLSAAAGIC	22533	>SMAD4-G4 $\epsilon$ AISLSAAAGIV	421	22112
>SMAD4-G4 $\epsilon$ AISLSAAAGIC	16716	>SMAD4-G4 $\epsilon$ AISLSAAAGIV	53	16663
>SMAD4-G4 $\epsilon$ AISLSAAAGIC	34624	>SMAD4-G4 $\epsilon$ AISLSAAAGIV	117	34507
>SMAD4-G4 $\epsilon$ GIGVDDL	1482	>SMAD4-G4 $\epsilon$ GIVVDDL	263	1219
>SMAD4-G4 $\epsilon$ AAGIGVDDL	264	>SMAD4-G4 $\epsilon$ AAGIVVDDL	102	162
>SMAD4-G4 $\epsilon$ AAAGIGVDDI	28	>SMAD4-G4 $\epsilon$ AAAGIVVDDI	17	11
>SMAD4-G4 $\epsilon$ SAAAGIGV	130	>SMAD4-G4 $\epsilon$ SAAAGIVV	396	266
>SMAD4-G4 $\epsilon$ SAAAGIGV	42	>SMAD4-G4 $\epsilon$ SAAAGIVV	102	60
>SMAD4-G4 $\epsilon$ SAAAGIGV	131	>SMAD4-G4 $\epsilon$ SAAAGIVV	223	92
>SMAD4-G4 $\epsilon$ SAAAGIGV	88	>SMAD4-G4 $\epsilon$ SAAAGIVV	136	48
>SMAD4-G4 $\epsilon$ SAAAGIGV	68	>SMAD4-G4 $\epsilon$ SAAAGIVV	92	24
>SMAD4-G4 $\epsilon$ SAAAGIGV	26	>SMAD4-G4 $\epsilon$ SAAAGIVV	58	32
>SMAD4-G4 $\epsilon$ SAAAGIGVDE	880	>SMAD4-G4 $\epsilon$ SAAAGIVVDE	333	547
>SMAD4-G4 $\epsilon$ SAAAGIGV	40	>SMAD4-G4 $\epsilon$ SAAAGIVV	201	161
>SMAD4-G4 $\epsilon$ LSAAAGIGV	440	>SMAD4-G4 $\epsilon$ LSAAAGIVV	2134	1694
>SMAD4-G4 $\epsilon$ LSAAAGIG	18018	>SMAD4-G4 $\epsilon$ LSAAAGIV	408	17610
>SMAD4-G4 $\epsilon$ LSAAAGIGV	129	>SMAD4-G4 $\epsilon$ LSAAAGIVV	516	387
>SMAD4-G4 $\epsilon$ LSAAAGIGV	258	>SMAD4-G4 $\epsilon$ LSAAAGIVV	2172	1914
>SMAD4-G4 $\epsilon$ LSAAAGIGV	492	>SMAD4-G4 $\epsilon$ LSAAAGIVV	1082	590
>SMAD4-G4 $\epsilon$ LSAAAGIGV	427	>SMAD4-G4 $\epsilon$ LSAAAGIVV	142	285
>SMAD4-G4 $\epsilon$ SLSAAAGIGV	41	>SMAD4-G4 $\epsilon$ SLSAAAGIVV	70	29
>SMAD4-G4 $\epsilon$ SLSAAAGIG	8301	>SMAD4-G4 $\epsilon$ SLSAAAGIV	23	8278
>SMAD4-G4 $\epsilon$ SLSAAAGIGV	18	>SMAD4-G4 $\epsilon$ SLSAAAGIVV	26	8
>SMAD4-G4 $\epsilon$ SLSAAAGIG	6138	>SMAD4-G4 $\epsilon$ SLSAAAGIV	7	6131
>SMAD4-G4 $\epsilon$ SLSAAAGIGV	23	>SMAD4-G4 $\epsilon$ SLSAAAGIVV	44	21
>SMAD4-G4 $\epsilon$ SLSAAAGIGV	96	>SMAD4-G4 $\epsilon$ SLSAAAGIVV	206	110
>SMAD4-G4 $\epsilon$ SLSAAAGIG	20548	>SMAD4-G4 $\epsilon$ SLSAAAGIV	45	20503
>SMAD4-G4 $\epsilon$ SLSAAAGIGV	6	>SMAD4-G4 $\epsilon$ SLSAAAGIVV	10	4
>SMAD4-G4 $\epsilon$ SLSAAAGIG	25128	>SMAD4-G4 $\epsilon$ SLSAAAGIV	65	25063
>SMAD4-G4 $\epsilon$ SLSAAAGIGV	13	>SMAD4-G4 $\epsilon$ SLSAAAGIVV	18	5
>SMAD4-G4 $\epsilon$ SLSAAAGIG	18406	>SMAD4-G4 $\epsilon$ SLSAAAGIV	15	18391
>SMAD4-G4 $\epsilon$ SLSAAAGIGV	6	>SMAD4-G4 $\epsilon$ SLSAAAGIVV	8	2
>SMAD4-G4 $\epsilon$ SLSAAAGIG	26410	>SMAD4-G4 $\epsilon$ SLSAAAGIV	378	26032
>SMAD4-G4 $\epsilon$ SLSAAAGIGV	26	>SMAD4-G4 $\epsilon$ SLSAAAGIVV	55	29
>SMAD4-G4 $\epsilon$ SLSAAAGIG	21334	>SMAD4-G4 $\epsilon$ SLSAAAGIV	5	21329
>SMAD4-G4 $\epsilon$ SLSAAAGIGV	3	>SMAD4-G4 $\epsilon$ SLSAAAGIVV	3	0
>SMAD4-G4 $\epsilon$ SLSAAAGIGV	163	>SMAD4-G4 $\epsilon$ SLSAAAGIVV	254	91
>SMAD4-G4 $\epsilon$ SLSAAAGIGV	247	>SMAD4-G4 $\epsilon$ SLSAAAGIVV	1509	1262
>SMAD4-G4 $\epsilon$ ISLSAAAGIGV	304	>SMAD4-G4 $\epsilon$ ISLSAAAGIVV	1055	751
>SMAD4-G4 $\epsilon$ ISLSAAAGIGV	135	>SMAD4-G4 $\epsilon$ ISLSAAAGIVV	888	753

>SMAD4-G4ϵISLSAAAGIGV	644	>SMAD4-G4ϵISLSAAAGIVV	189	455
>SMAD4-G4ϵISLSAAAGIG	5031	>SMAD4-G4ϵISLSAAAGIV	214	4817
>SMAD4-G4ϵISLSAAAGIGV	69	>SMAD4-G4ϵISLSAAAGIVV	116	47
>SMAD4-G4ϵISLSAAAGIGV	1116	>SMAD4-G4ϵISLSAAAGIVV	189	927
>SMAD4-G8ϵGRKGFPHVIY	260	>SMAD4-G8ϵVRKGFPHVIY	101	159
>SMAD4-G8ϵGRKGFPHV	431	>SMAD4-G8ϵVRKGFPHV	1057	626
>SMAD4-G8ϵGRKGFPHVI	113	>SMAD4-G8ϵVRKGFPHVI	280	167
>SMAD4-G8ϵGRKGFPHVIY	25	>SMAD4-G8ϵVRKGFPHVIY	64	39
>SMAD4-G8ϵGRKGFPHVI	218	>SMAD4-G8ϵVRKGFPHVI	1060	842
>SMAD4-G8ϵAGRKGFPHV	13538	>SMAD4-G8ϵAVRKGFPHV	285	13253
>SMAD4-G8ϵAGRKGFPHV	1872	>SMAD4-G8ϵAVRKGFPHV	21	1851
>SMAD4-G8ϵAGRKGFPHV	7397	>SMAD4-G8ϵAVRKGFPHV	233	7164
>SMAD4-G8ϵAGRKGFPHV	4491	>SMAD4-G8ϵAVRKGFPHV	19	4472
>SMAD4-G8ϵAGRKGFPHVI	17577	>SMAD4-G8ϵAVRKGFPHVI	130	17447
>SMAD4-G8ϵAGRKGFPHVI	5499	>SMAD4-G8ϵAVRKGFPHVI	337	5162
>SMAD4-G8ϵAGRKGFPH	1748	>SMAD4-G8ϵAVRKGFPH	69	1679
>SMAD4-G8ϵAGRKGFPHV	29	>SMAD4-G8ϵAVRKGFPHV	5	24
>SMAD4-G8ϵAGRKGFPHVI	74	>SMAD4-G8ϵAVRKGFPHVI	7	67
>SMAD4-G8ϵAGRKGFPHVI	195	>SMAD4-G8ϵAVRKGFPHVI	11	184
>SMAD4-G8ϵAGRKGFPHVI	516	>SMAD4-G8ϵAVRKGFPHVI	240	276
>SMAD4-G8ϵAGRKGFPHVI	6631	>SMAD4-G8ϵAVRKGFPHVI	389	6242
>SMAD4-G8ϵAGRKGFPHVI	274	>SMAD4-G8ϵAVRKGFPHVI	100	174
>SMAD4-G8ϵAGRKGFPHVI	268	>SMAD4-G8ϵAVRKGFPHVI	141	127
>SMAD4-G8ϵAGRKGFPHVI	1093	>SMAD4-G8ϵAVRKGFPHVI	153	940
>SMAD4-G8ϵAGRKGFPHVI	124	>SMAD4-G8ϵAVRKGFPHVI	41	83
>SMAD4-G8ϵRTLDGRLQV/	22760	>SMAD4-G8ϵRTLDGRLQV/	368	22392
>SMAD4-G8ϵRTLDGRLQV/	9724	>SMAD4-G8ϵRTLDGRLQV/	31	9693
>SMAD4-G8ϵRTLDGRLQV/	13722	>SMAD4-G8ϵRTLDGRLQV/	21	13701
>SMAD4-G8ϵRTLDGRLQV/	18304	>SMAD4-G8ϵRTLDGRLQV/	333	17971
>SMAD4-G8ϵRTLDGRLQV/	20961	>SMAD4-G8ϵRTLDGRLQV/	87	20874
>SMAD4-G8ϵRTLDGRLQV/	31531	>SMAD4-G8ϵRTLDGRLQV/	44	31487
>SMAD4-G8ϵRTLDGRLQV/	287	>SMAD4-G8ϵRTLDGRLQV/	36	251
>SMAD4-G8ϵRTLDGRLQV/	712	>SMAD4-G8ϵRTLDGRLQV/	69	643
>SMAD4-G8ϵRTLDGRLQV/	13798	>SMAD4-G8ϵRTLDGRLQV/	50	13748
>SMAD4-G8ϵRTLDGRLQV/	1609	>SMAD4-G8ϵRTLDGRLQV/	34	1575
>SMAD4-G8ϵVAGRKGFPH\	193	>SMAD4-G8ϵVAVRKGFPH\	185	8
>SMAD4-G8ϵVAGRKGFPH\	1229	>SMAD4-G8ϵVAVRKGFPH\	257	972
>SMAD4-G8ϵQVAGRKGFPI	81	>SMAD4-G8ϵQVAVRKGFPI	115	34
>SMAD4-G8ϵQVAGRKGFPI	365	>SMAD4-G8ϵQVAVRKGFPI	793	428
>SMAD4-G8ϵQVAGRKGFPI	49	>SMAD4-G8ϵQVAVRKGFPI	285	236
>SMAD4-G8ϵQVAGRKGF	375	>SMAD4-G8ϵQVAVRKGF	2792	2417
>SMAD4-G8ϵQVAGRKGFPI	36	>SMAD4-G8ϵQVAVRKGFPI	80	44
>SMAD4-G8ϵQVAGRKGFPI	83	>SMAD4-G8ϵQVAVRKGFPI	109	26



>SMAD4-G8E LQVAGRKGF	62	>SMAD4-G8E LQVAVRKGF	76	14
>SMAD4-G8E LQVAGRKGF	262	>SMAD4-G8E LQVAVRKGF	360	98
>SMAD4-G8E LQVAGRKGF	199	>SMAD4-G8E LQVAVRKGF	1277	1078
>SMAD4-G8E LQVAGRKGF	7	>SMAD4-G8E LQVAVRKGF	10	3
>SMAD4-G8E LQVAGRKGF	426	>SMAD4-G8E LQVAVRKGF	457	31
>SMAD4-G8E RLQVAGRK	103	>SMAD4-G8E RLQVAVRK	80	23
>SMAD4-G8E RLQVAGRK	314	>SMAD4-G8E RLQVAVRK	114	200
>SMAD4-G8E RLQVAGRK	231	>SMAD4-G8E RLQVAVRK	130	101
>SMAD4-G8E RLQVAGRK	1340	>SMAD4-G8E RLQVAVRK	415	925
>SMAD4-G8E RLQVAGRKGI	1346	>SMAD4-G8E RLQVAVRKGI	290	1056
>SMAD4-G8E RLQVAGRKGI	125	>SMAD4-G8E RLQVAVRKGI	133	8
>SMAD4-G8E RLQVAGRKGI	279	>SMAD4-G8E RLQVAVRKGI	1275	996
>SMAD4-G8E RLQVAGRKGI	83	>SMAD4-G8E RLQVAVRKGI	96	13
>SMAD4-G8E RLQVAGRKGI	207	>SMAD4-G8E RLQVAVRKGI	386	179
>SMAD4-G8E RLQVAGRKGI	270	>SMAD4-G8E RLQVAVRKGI	249	21
>SMAD4-G8E GRLQVAGRK	466	>SMAD4-G8E GRLQVAVRK	279	187
>SMAD4-G8E GRLQVAGR	94	>SMAD4-G8E GRLQVAVR	113	19
>SMAD4-G8E GRLQVAGRK	72	>SMAD4-G8E GRLQVAVRK	48	24
>SMAD4-G8E GRLQVAGRK	85	>SMAD4-G8E GRLQVAVRK	60	25
>SMAD4-G8E GRLQVAGRK	239	>SMAD4-G8E GRLQVAVRK	135	104
>SMAD4-G8E GRLQVAGRK	41	>SMAD4-G8E GRLQVAVRK	31	10
>SMAD4-G8E TLDGRLQVAC	20103	>SMAD4-G8E TLDGRLQVAV	314	19789
>SMAD4-G8E TLDGRLQVAC	19273	>SMAD4-G8E TLDGRLQVAV	272	19001
>SMAD4-G8E TLDGRLQVAC	21130	>SMAD4-G8E TLDGRLQVAV	237	20893
>SMAD4-G8E TLDGRLQVAC	4623	>SMAD4-G8E TLDGRLQVAV	4	4619
>SMAD4-G8E TLDGRLQVAC	13701	>SMAD4-G8E TLDGRLQVAV	8	13693
>SMAD4-G8E TLDGRLQVAC	13425	>SMAD4-G8E TLDGRLQVAV	8	13417
>SMAD4-G8E TLDGRLQVAC	23126	>SMAD4-G8E TLDGRLQVAV	11	23115
>SMAD4-G8E TLDGRLQVAC	8597	>SMAD4-G8E TLDGRLQVAV	2	8595
>SMAD4-H1E HYERVVSPGI	272	>SMAD4-H1E LYERVVSPGI	291	19
>SMAD4-H1E HYERVVSPGI	36	>SMAD4-H1E LYERVVSPGI	32	4
>SMAD4-H1E YHYERVVSPG	58	>SMAD4-H1E YLYERVVSPG	1012	954
>SMAD4-H1E YHYERVVS	23271	>SMAD4-H1E YLYERVVS	268	23003
>SMAD4-H1E YHYERVVSPG	6414	>SMAD4-H1E YLYERVVSPG	7	6407
>SMAD4-H1E YHYERVVS	23770	>SMAD4-H1E YLYERVVS	266	23504
>SMAD4-H1E YHYERVVSP	17658	>SMAD4-H1E YLYERVVSP	77	17581
>SMAD4-H1E YHYERVVSPG	22009	>SMAD4-H1E YLYERVVSPG	199	21810
>SMAD4-H1E YHYERVVSPG	3696	>SMAD4-H1E YLYERVVSPG	6	3690
>SMAD4-H1E YHYERVVS	19503	>SMAD4-H1E YLYERVVS	91	19412
>SMAD4-H1E YHYERVVSP	19919	>SMAD4-H1E YLYERVVSP	38	19881
>SMAD4-H1E YHYERVVSPG	4034	>SMAD4-H1E YLYERVVSPG	3	4031
>SMAD4-H1E YHYERVVS	21340	>SMAD4-H1E YLYERVVS	265	21075
>SMAD4-H1E YHYERVVSP	18856	>SMAD4-H1E YLYERVVSP	306	18550

>SMAD4-H1EYHYERVVSPG	576	>SMAD4-H1EYLYERVVSPG	5	571
>SMAD4-H1EYHYERVVS	14362	>SMAD4-H1EYLYERVVS	18	14344
>SMAD4-H1EYHYERVVSP	12783	>SMAD4-H1EYLYERVVSP	9	12774
>SMAD4-H1EYHYERVVSPG	8778	>SMAD4-H1EYLYERVVSPG	5	8773
>SMAD4-H1EYHYERVVSPG	162	>SMAD4-H1EYLYERVVSPG	1	161
>SMAD4-H1EYHYERVVS	21415	>SMAD4-H1EYLYERVVS	351	21064
>SMAD4-H1EYHYERVVSP	17163	>SMAD4-H1EYLYERVVSP	249	16914
>SMAD4-H1EYHYERVVSPG	16118	>SMAD4-H1EYLYERVVSPG	71	16047
>SMAD4-H1EYHYERVVSPG	2287	>SMAD4-H1EYLYERVVSPG	3	2284
>SMAD4-H1EYHYERVVS	22867	>SMAD4-H1EYLYERVVS	152	22715
>SMAD4-H1EYHYERVVSP	21123	>SMAD4-H1EYLYERVVSP	144	20979
>SMAD4-H1EYHYERVVSPG	19969	>SMAD4-H1EYLYERVVSPG	66	19903
>SMAD4-H1EYHYERVVSPG	657	>SMAD4-H1EYLYERVVSPG	4	653
>SMAD4-H1EYHYERVVSPG	13496	>SMAD4-H1EYLYERVVSPG	3	13493
>SMAD4-H1EYHYERVVS	29683	>SMAD4-H1EYLYERVVS	14	29669
>SMAD4-H1EYHYERVVSP	30141	>SMAD4-H1EYLYERVVSP	15	30126
>SMAD4-H1EYHYERVVSPG	31404	>SMAD4-H1EYLYERVVSPG	27	31377
>SMAD4-H1EYHYERVVSPG	6197	>SMAD4-H1EYLYERVVSPG	2	6195
>SMAD4-H1EYHYERVVSPG	8666	>SMAD4-H1EYLYERVVSPG	239	8427
>SMAD4-H1EYHYERVVSPG	6627	>SMAD4-H1EYLYERVVSPG	17	6610
>SMAD4-H1EYHYERVVSPG	13944	>SMAD4-H1EYLYERVVSPG	214	13730
>SMAD4-H1EYHYERVVSPG	18339	>SMAD4-H1EYLYERVVSPG	462	17877
>SMAD4-H1EYHYERVVSPG	233	>SMAD4-H1EYLYERVVSPG	335	102
>SMAD4-H1EYHYERVVSPG	432	>SMAD4-H1EYLYERVVSPG	14153	13721
>SMAD4-H1EYHYERVVSPG	68	>SMAD4-H1EYLYERVVSPG	4120	4052
>SMAD4-H1EYHYERVVSPG	147	>SMAD4-H1EYLYERVVSPG	1635	1488
>SMAD4-H1ENPYHYERVV	151	>SMAD4-H1ENPYLYERVV	236	85
>SMAD4-H1ENPYHYERV	640	>SMAD4-H1ENPYLYERV	490	150
>SMAD4-H1ENPYHYERVV	151	>SMAD4-H1ENPYLYERVV	127	24
>SMAD4-H1ENVNPYHYERV	58	>SMAD4-H1ENVNPYLYERV	94	36
>SMAD4-H1ECVNPYHYERV	829	>SMAD4-H1ECVNPYLYERV	319	510
>SMAD4-H1ECVNPYHYERV	196	>SMAD4-H1ECVNPYLYERV	145	51
>SMAD4-H1ECVNPYHYERV	84	>SMAD4-H1ECVNPYLYERV	68	16
>SMAD4-H1ECVNPYHYERV	556	>SMAD4-H1ECVNPYLYERV	430	126
>SMAD4-H1ECVNPYHYER	69	>SMAD4-H1ECVNPYLYER	66	3
>SMAD4-H1ECVNPYHYER	9	>SMAD4-H1ECVNPYLYER	10	1
>SMAD4-H1ECVNPYHYER	52	>SMAD4-H1ECVNPYLYER	121	69
>SMAD4-H1ECVNPYHYER	18	>SMAD4-H1ECVNPYLYER	36	18
>SMAD4-H1ECVNPYHYERV	424	>SMAD4-H1ECVNPYLYERV	454	30
>SMAD4-H1ECVNPYHYER	125	>SMAD4-H1ECVNPYLYER	339	214
>SMAD4-H1EVCVNPYHYEF	428	>SMAD4-H1EVCVNPYLYER	681	253
>SMAD4-H1EVCVNPYHY	369	>SMAD4-H1EVCVNPYLY	1924	1555
>SMAD4-H1EVCVNPYHY	153	>SMAD4-H1EVCVNPYLY	50	103

>SMAD4-H1EVCVNPYHY	470	>SMAD4-H1EVCVNPYLY	719	249
>SMAD4-H1EVCVNPYHYEF	146	>SMAD4-H1EVCVNPYLYER	228	82
>SMAD4-H1EVCVNPYHY	309	>SMAD4-H1EVCVNPYLY	112	197
>SMAD4-H1EVCVNPYHYEF	220	>SMAD4-H1EVCVNPYLYER	397	177
>SMAD4-H1ESVCVNPYH	25487	>SMAD4-H1ESVCVNPYL	260	25227
>SMAD4-H1ESVCVNPYH	473	>SMAD4-H1ESVCVNPYL	8981	8508
>SMAD4-H1ESVCVNPYHY	175	>SMAD4-H1ESVCVNPYLY	38	137
>SMAD4-H1ESVCVNPYHYE	54	>SMAD4-H1ESVCVNPYLYE	43	11
>SMAD4-H1ESVCVNPYHY	51	>SMAD4-H1ESVCVNPYLY	561	510
>SMAD4-H1ESVCVNPYHY	12	>SMAD4-H1ESVCVNPYLY	8	4
>SMAD4-H1ESVCVNPYHY	36	>SMAD4-H1ESVCVNPYLY	37	1
>SMAD4-H1ESVCVNPYHYE	14	>SMAD4-H1ESVCVNPYLYE	16	2
>SMAD4-H1ESVCVNPYHYE	202	>SMAD4-H1ESVCVNPYLYE	276	74
>SMAD4-H1ESVCVNPYHYE	19	>SMAD4-H1ESVCVNPYLYE	24	5
>SMAD4-H1ESVCVNPYHY	16	>SMAD4-H1ESVCVNPYLY	9	7
>SMAD4-H1ESVCVNPYHY	407	>SMAD4-H1ESVCVNPYLY	3583	3176
>SMAD4-H1ESVCVNPYHY	209	>SMAD4-H1ESVCVNPYLY	75	134
>SMAD4-H1ESVCVNPYHYE	191	>SMAD4-H1ESVCVNPYLYE	207	16
>SMAD4-H1ESVCVNPYHYE	151	>SMAD4-H1ESVCVNPYLYE	262	111
>SMAD4-H1ESVVCVNPYH)	273	>SMAD4-H1ESVVCVNPYLY	411	138
>SMAD4-H1ESVVCVNPYH	1873	>SMAD4-H1ESVVCVNPYL	234	1639
>SMAD4-H1ESVVCVNPYH)	18	>SMAD4-H1ESVVCVNPYLY	100	82
>SMAD4-H1ESVVCVNPYH)	382	>SMAD4-H1ESVVCVNPYLY	355	27
>SMAD4-H1ESVVCVNPYH)	50	>SMAD4-H1ESVVCVNPYLY	36	14
>SMAD4-H1ESVVCVNPYH)	149	>SMAD4-H1ESVVCVNPYLY	69	80
>SMAD4-H1ESVVCVNPYH)	470	>SMAD4-H1ESVVCVNPYLY	108	362
>SMAD4-H1ESVVCVNPYH	19772	>SMAD4-H1ESVVCVNPYL	139	19633
>SMAD4-H1ESVVCVNPYH	13338	>SMAD4-H1ESVVCVNPYL	108	13230
>SMAD4-H1ECDSVCVNPYH	1030	>SMAD4-H1ECDSVCVNPYL	395	635
>SMAD4-H1ECDSVCVNPYH	316	>SMAD4-H1ECDSVCVNPYL	140	176
>SMAD4-H2EHNSTTTWTG	178	>SMAD4-H2ERNSTTTWTG!	2714	2536
>SMAD4-H2EHNSTTTWTG	111	>SMAD4-H2ERNSTTTWTG!	101	10
>SMAD4-H2EHHNSTTTW	655	>SMAD4-H2EHRNSTTTW	312	343
>SMAD4-H2EHHNSTTTW	284	>SMAD4-H2EHRNSTTTW	6729	6445
>SMAD4-H2EHHNSTTTWT	16006	>SMAD4-H2EHRNSTTTWT!	269	15737
>SMAD4-H2EHHNSTTTW	21	>SMAD4-H2EHRNSTTTW	51	30
>SMAD4-H2EGFTGQPATYH	7763	>SMAD4-H2EGFTGQPATYH	50	7713
>SMAD4-H2EGFTGQPATYH	28867	>SMAD4-H2EGFTGQPATYH	435	28432
>SMAD4-H2EGFTGQPATYH	20860	>SMAD4-H2EGFTGQPATYH	72	20788
>SMAD4-H2EYHHNSTTTW	43	>SMAD4-H2EYHRNSTTTW	27	16
>SMAD4-H2EYHHNSTTTW	377	>SMAD4-H2EYHRNSTTTW	1184	807
>SMAD4-H2EYHHNSTTTW	412	>SMAD4-H2EYHRNSTTTW	1857	1445
>SMAD4-H2EYHHNSTTTW	16	>SMAD4-H2EYHRNSTTTW	22	6

>SMAD4-H2€TYHHNSTT	876	>SMAD4-H2€TYHRNSTT	180	696
>SMAD4-H2€TYHHNSTTT	423	>SMAD4-H2€TYHRNSTTT	82	341
>SMAD4-H2€TYHHNSTTTV	1200	>SMAD4-H2€TYHRNSTTTV	334	866
>SMAD4-H2€TYHHNSTTTV	126	>SMAD4-H2€TYHRNSTTTV	221	95
>SMAD4-H2€TYHHNSTTTV	125	>SMAD4-H2€TYHRNSTTTV	150	25
>SMAD4-H2€TYHHNSTTTV	13	>SMAD4-H2€TYHRNSTTTV	11	2
>SMAD4-H2€ATYHHNSTTT	405	>SMAD4-H2€ATYHRNSTTT	490	85
>SMAD4-H2€ATYHHNSTTT	8	>SMAD4-H2€ATYHRNSTTT	10	2
>SMAD4-H2€ATYHHNSTTT	161	>SMAD4-H2€ATYHRNSTTT	269	108
>SMAD4-H2€ATYHHNSTT	136	>SMAD4-H2€ATYHRNSTT	111	25
>SMAD4-H2€ATYHHNSTTT	115	>SMAD4-H2€ATYHRNSTTT	131	16
>SMAD4-H2€ATYHHNSTTT	3	>SMAD4-H2€ATYHRNSTTT	3	0
>SMAD4-H2€ATYHHNSTTT	73	>SMAD4-H2€ATYHRNSTTT	59	14
>SMAD4-H2€ATYHHNSTTT	15	>SMAD4-H2€ATYHRNSTTT	18	3
>SMAD4-H2€ATYHHNSTT	193	>SMAD4-H2€ATYHRNSTT	75	118
>SMAD4-H2€ATYHHNSTTT	40	>SMAD4-H2€ATYHRNSTTT	22	18
>SMAD4-H2€ATYHHNSTTT	50	>SMAD4-H2€ATYHRNSTTT	111	61
>SMAD4-H2€QPATYHHNS	448	>SMAD4-H2€QPATYHRNS	1256	808
>SMAD4-H2€GQPATYHH	10743	>SMAD4-H2€GQPATYHR	90	10653
>SMAD4-H2€GQPATYHH	28995	>SMAD4-H2€GQPATYHR	155	28840
>SMAD4-H2€TGQPATYHH	10771	>SMAD4-H2€TGQPATYHR	76	10695
>SMAD4-H2€TGQPATYHH	22292	>SMAD4-H2€TGQPATYHR	486	21806
>SMAD4-H2€TGQPATYHH	21163	>SMAD4-H2€TGQPATYHR	73	21090
>SMAD4-H2€FTGQPATYHF	13820	>SMAD4-H2€FTGQPATYHF	401	13419
>SMAD4-H2€FTGQPATYHF	16230	>SMAD4-H2€FTGQPATYHF	250	15980
>SMAD4-H2€FTGQPATYHF	8267	>SMAD4-H2€FTGQPATYHF	29	8238
>SMAD4-H2€FTGQPATYHF	23794	>SMAD4-H2€FTGQPATYHF	85	23709
>SMAD4-H31HPAPEYWCS	425	>SMAD4-H31QPAPEYWCS	2128	1703
>SMAD4-H31HPAPEYWCS	281	>SMAD4-H31QPAPEYWCS	1244	963
>SMAD4-H31HPAPEYWCS	249	>SMAD4-H31QPAPEYWCS	1141	892
>SMAD4-H31HPAPEYWCS	289	>SMAD4-H31QPAPEYWCS	2606	2317
>SMAD4-H31HPAPEYWCS	81	>SMAD4-H31QPAPEYWCS	425	344
>SMAD4-H31HPAPEYWCS	744	>SMAD4-H31QPAPEYWCS	480	264
>SMAD4-H31NHPAPEYWC	17284	>SMAD4-H31NQPPEYWC	121	17163
>SMAD4-H31NHPAPEYW	318	>SMAD4-H31NQPPEYW	6449	6131
>SMAD4-H31SNHPAPEYW	311	>SMAD4-H31SNQPPEYW	542	231
>SMAD4-H31SNHPAPEY	175	>SMAD4-H31SNQPPEY	285	110
>SMAD4-H31SNHPAPEY	19	>SMAD4-H31SNQPPEY	26	7
>SMAD4-H31SNHPAPEY	256	>SMAD4-H31SNQPPEY	228	28
>SMAD4-H31SNHPAPEY	39	>SMAD4-H31SNQPPEY	89	50
>SMAD4-H31SNHPAPEY	3	>SMAD4-H31SNQPPEY	3	0
>SMAD4-H31SNHPAPEYV	4	>SMAD4-H31SNQPPEYV	5	1
>SMAD4-H31SNHPAPEY	326	>SMAD4-H31SNQPPEY	254	72

>SMAD4-H31ISNHPAPEYW	30	>SMAD4-H31ISNQPPEYW	31	1
>SMAD4-H31ISNHPAPEY	69	>SMAD4-H31ISNQPPEY	70	1
>SMAD4-H31ISNHPAPEYW	8	>SMAD4-H31ISNQPPEYW	8	0
>SMAD4-H31ISNHPAPEY	28	>SMAD4-H31ISNQPPEY	22	6
>SMAD4-H31ISNHPAPEYW	106	>SMAD4-H31ISNQPPEYW	194	88
>SMAD4-H31PPISNHPAPE'	475	>SMAD4-H31PPISNQPPE'	311	164
>SMAD4-H31PPISNHPAPE'	420	>SMAD4-H31PPISNQPPE'	397	23
>SMAD4-H31PPISNHPAPE'	51	>SMAD4-H31PPISNQPPE'	50	1
>SMAD4-H31PPISNHPAPE'	363	>SMAD4-H31PPISNQPPE'	206	157
>SMAD4-H31PPISNHPA	150	>SMAD4-H31PPISNQPA	448	298
>SMAD4-H31PPISNHPAPE'	473	>SMAD4-H31PPISNQPPE'	237	236
>SMAD4-H31QPPISNHPA	127	>SMAD4-H31QPPISNQPA	1056	929
>SMAD4-H31FQPPISNHPA	345	>SMAD4-H31FQPPISNQPA	715	370
>SMAD4-H31FQPPISNHP	368	>SMAD4-H31FQPPISNQP	905	537
>SMAD4-H31FQPPISNHPA	62	>SMAD4-H31FQPPISNQPA	104	42
>SMAD4-H31FQPPISNHPA	301	>SMAD4-H31FQPPISNQPA	387	86
>SMAD4-H31HPAPEYWCSI	2485	>SMAD4-H31RPAPEYWCSI	446	2039
>SMAD4-H31HPAPEYWCSI	717	>SMAD4-H31RPAPEYWCSI	185	532
>SMAD4-H31HPAPEYWCS	425	>SMAD4-H31RPAPEYWCS	5844	5419
>SMAD4-H31HPAPEYWCSI	281	>SMAD4-H31RPAPEYWCSI	3295	3014
>SMAD4-H31HPAPEYWCSI	249	>SMAD4-H31RPAPEYWCSI	2807	2558
>SMAD4-H31HPAPEYWCSI	289	>SMAD4-H31RPAPEYWCSI	2479	2190
>SMAD4-H31HPAPEYWCSI	81	>SMAD4-H31RPAPEYWCSI	659	578
>SMAD4-H31NHPAPEYW	318	>SMAD4-H31NRPAPEYW	1501	1183
>SMAD4-H31ELAFQPPISNf	23996	>SMAD4-H31ELAFQPPISNf	305	23691
>SMAD4-H31ELAFQPPISNf	3028	>SMAD4-H31ELAFQPPISNf	14	3014
>SMAD4-H31SNHPAPEYW	311	>SMAD4-H31SNRPAPEYW	132	179
>SMAD4-H31ISNHPAPEY	175	>SMAD4-H31ISNRPAPEY	574	399
>SMAD4-H31ISNHPAPEY	19	>SMAD4-H31ISNRPAPEY	54	35
>SMAD4-H31ISNHPAPEY	256	>SMAD4-H31ISNRPAPEY	428	172
>SMAD4-H31ISNHPAPEY	39	>SMAD4-H31ISNRPAPEY	53	14
>SMAD4-H31ISNHPAPEY	3	>SMAD4-H31ISNRPAPEY	5	2
>SMAD4-H31ISNHPAPEYW	4	>SMAD4-H31ISNRPAPEYW	7	3
>SMAD4-H31ISNHPAPEY	326	>SMAD4-H31ISNRPAPEY	1027	701
>SMAD4-H31ISNHPAPEY	1162	>SMAD4-H31ISNRPAPEY	433	729
>SMAD4-H31ISNHPAPEYW	30	>SMAD4-H31ISNRPAPEYW	29	1
>SMAD4-H31ISNHPAPEY	69	>SMAD4-H31ISNRPAPEY	48	21
>SMAD4-H31ISNHPAPEYW	8	>SMAD4-H31ISNRPAPEYW	8	0
>SMAD4-H31ISNHPAPEY	28	>SMAD4-H31ISNRPAPEY	27	1
>SMAD4-H31ISNHPAPEYW	106	>SMAD4-H31ISNRPAPEYW	137	31
>SMAD4-H31PPISNHPAPE'	475	>SMAD4-H31PPISNRPAPE'	319	156
>SMAD4-H31PPISNHPAPE'	420	>SMAD4-H31PPISNRPAPE'	661	241
>SMAD4-H31PPISNHPAPE'	51	>SMAD4-H31PPISNRPAPE'	67	16

>SMAD4-H31PPISNHPAPE'	363	>SMAD4-H31PPISNRPAPE'	282	81
>SMAD4-H31PPISNHPA	150	>SMAD4-H31PPISNRPA	303	153
>SMAD4-H31PPISNHPAPE'	473	>SMAD4-H31PPISNRPAPE'	229	244
>SMAD4-H31QPPISNHPA	127	>SMAD4-H31QPPISNRPA	786	659
>SMAD4-H31FQPPISNHPA	345	>SMAD4-H31FQPPISNRPA	1047	702
>SMAD4-H31FQPPISNHP	368	>SMAD4-H31FQPPISNRP	1374	1006
>SMAD4-H31FQPPISNHPA	62	>SMAD4-H31FQPPISNRPA	107	45
>SMAD4-H31FQPPISNHPA	301	>SMAD4-H31FQPPISNRPA	533	232
>SMAD4-H31FQPPISNH	33225	>SMAD4-H31FQPPISNR	441	32784
>SMAD4-H31AFQPPISNH	2785	>SMAD4-H31AFQPPISNR	26	2759
>SMAD4-H31AFQPPISNH	29560	>SMAD4-H31AFQPPISNR	426	29134
>SMAD4-H31LAFQPPISNH	10574	>SMAD4-H31LAFQPPISNR	36	10538
>SMAD4-H31LAFQPPISNH	32167	>SMAD4-H31LAFQPPISNR	447	31720
>SMAD4-I31·ISNHPAPEY	175	>SMAD4-I31·NSNHPAPEY	562	387
>SMAD4-I31·ISNHPAPEY	19	>SMAD4-I31·NSNHPAPEY	89	70
>SMAD4-I31·ISNHPAPEY	256	>SMAD4-I31·NSNHPAPEY	1051	795
>SMAD4-I31·ISNHPAPEY	39	>SMAD4-I31·NSNHPAPEY	465	426
>SMAD4-I31·ISNHPAPEY	3	>SMAD4-I31·NSNHPAPEY	22	19
>SMAD4-I31·ISNHPAPEY\	4	>SMAD4-I31·NSNHPAPEY\	29	25
>SMAD4-I31·ISNHPAPEY	326	>SMAD4-I31·NSNHPAPEY	335	9
>SMAD4-I31·ISNHPAPEY\	30	>SMAD4-I31·NSNHPAPEY\	74	44
>SMAD4-I31·ISNHPAPEY	69	>SMAD4-I31·NSNHPAPEY	4490	4421
>SMAD4-I31·ISNHPAPEY\	8	>SMAD4-I31·NSNHPAPEY\	18	10
>SMAD4-I31·ISNHPAPEY	28	>SMAD4-I31·NSNHPAPEY	475	447
>SMAD4-I31·ISNHPAPEY\	106	>SMAD4-I31·NSNHPAPEY\	1501	1395
>SMAD4-I31·PPISNHPAPE'	475	>SMAD4-I31·PPNSNHPAPE'	3306	2831
>SMAD4-I31·PPISNHPAPE'	420	>SMAD4-I31·PPNSNHPAPE'	7346	6926
>SMAD4-I31·PPISNHPAPE'	51	>SMAD4-I31·PPNSNHPAPE'	60	9
>SMAD4-I31·PPISNHPAPE'	363	>SMAD4-I31·PPNSNHPAPE'	381	18
>SMAD4-I31·PPISNHPA	150	>SMAD4-I31·PPNSNHPA	286	136
>SMAD4-I31·PPISNHPAPE'	473	>SMAD4-I31·PPNSNHPAPE'	714	241
>SMAD4-I31·QPPISNHPA	127	>SMAD4-I31·QPPNSNHPA	174	47
>SMAD4-I31·FQPPISNHPA	345	>SMAD4-I31·FQPPNSNHP/	568	223
>SMAD4-I31·FQPPISNHP	368	>SMAD4-I31·FQPPNSNHP	590	222
>SMAD4-I31·FQPPISNHPA	62	>SMAD4-I31·FQPPNSNHP/	104	42
>SMAD4-I31·FQPPISNHPA	301	>SMAD4-I31·FQPPNSNHP/	461	160
>SMAD4-I31·FQPPISNHPA	1053	>SMAD4-I31·FQPPNSNHP/	332	721
>SMAD4-I31·ELAFQPPI	329	>SMAD4-I31·ELAFQPPN	17673	17344
>SMAD4-I31·ELAFQPPI	331	>SMAD4-I31·ELAFQPPN	21821	21490
>SMAD4-I31·ELAFQPPI	187	>SMAD4-I31·ELAFQPPN	18011	17824
>SMAD4-I31·ELAFQPPI	214	>SMAD4-I31·ELAFQPPN	18594	18380
>SMAD4-I31·ELAFQPPI	134	>SMAD4-I31·ELAFQPPN	20791	20657
>SMAD4-I31·ELAFQPPI	193	>SMAD4-I31·ELAFQPPN	22187	21994

>SMAD4-I31: ELAFQPPI	119	>SMAD4-I31: ELAFQPPN	11460	11341
>SMAD4-I31: ELAFQPPI	24	>SMAD4-I31: ELAFQPPN	11453	11429
>SMAD4-I31: NELAFQPPI	13	>SMAD4-I31: NELAFQPPN	9622	9609
>SMAD4-I31: NELAFQPPI	28	>SMAD4-I31: NELAFQPPN	103	75
>SMAD4-I31: NELAFQPPISI	429	>SMAD4-I31: NELAFQPPNS	878	449
>SMAD4-I31: NELAFQPPI	295	>SMAD4-I31: NELAFQPPN	14801	14506
>SMAD4-I31: NELAFQPPI	21	>SMAD4-I31: NELAFQPPN	571	550
>SMAD4-I31: NELAFQPPI	291	>SMAD4-I31: NELAFQPPN	1688	1397
>SMAD4-I31: NELAFQPPI	30	>SMAD4-I31: NELAFQPPN	192	162
>SMAD4-I31: NELAFQPPI	11	>SMAD4-I31: NELAFQPPN	1876	1865
>SMAD4-I38: IGKGVQLECK	1653	>SMAD4-I38: KGKGVQLECK	99	1554
>SMAD4-I38: HIGKGVQL	384	>SMAD4-I38: HKGKGVQL	21761	21377
>SMAD4-I38: HIGKGVQL	11686	>SMAD4-I38: HKGKGVQL	487	11199
>SMAD4-I38: TEAIERARLHI	21	>SMAD4-I38: TEAIERARLHI	16701	16680
>SMAD4-I38: TEAIERARLHI	48	>SMAD4-I38: TEAIERARLHI	9668	9620
>SMAD4-I38: LHIGKGVQL	273	>SMAD4-I38: LHKGKGVQL	10618	10345
>SMAD4-I38: RLHIGKGV	27	>SMAD4-I38: RLHKGKGV	24	3
>SMAD4-I38: RLHIGKGV	5	>SMAD4-I38: RLHKGKGV	7	2
>SMAD4-I38: RLHIGKGVQL	38	>SMAD4-I38: RLHKGKGVQL	50	12
>SMAD4-I38: RLHIGKGV	150	>SMAD4-I38: RLHKGKGV	109	41
>SMAD4-I38: RLHIGKGV	46	>SMAD4-I38: RLHKGKGV	47	1
>SMAD4-I38: RLHIGKGVQL	358	>SMAD4-I38: RLHKGKGVQL	356	2
>SMAD4-I38: RLHIGKGV	6	>SMAD4-I38: RLHKGKGV	7	1
>SMAD4-I38: RLHIGKGVQL	18	>SMAD4-I38: RLHKGKGVQL	21	3
>SMAD4-I38: RLHIGKGVQL	318	>SMAD4-I38: RLHKGKGVQL	980	662
>SMAD4-I38: ARLHIGKGV	333	>SMAD4-I38: ARLHKGKGV	610	277
>SMAD4-I38: ARLHIGKGV	127	>SMAD4-I38: ARLHKGKGV	182	55
>SMAD4-I38: ARLHIGKGV	129	>SMAD4-I38: ARLHKGKGV	374	245
>SMAD4-I38: ARLHIGKGV	55	>SMAD4-I38: ARLHKGKGV	104	49
>SMAD4-I38: ARLHIGKGV	357	>SMAD4-I38: ARLHKGKGV	716	359
>SMAD4-I38: ARLHIGKGV	127	>SMAD4-I38: ARLHKGKGV	379	252
>SMAD4-I38: RARLHIGK	149	>SMAD4-I38: RARLHKGK	708	559
>SMAD4-I38: RARLHIGK	3	>SMAD4-I38: RARLHKGK	4	1
>SMAD4-I38: RARLHIGK	105	>SMAD4-I38: RARLHKGK	236	131
>SMAD4-I38: RARLHIGKGV	29	>SMAD4-I38: RARLHKGK	39	10
>SMAD4-I38: RARLHIGKGV	127	>SMAD4-I38: RARLHKGK	176	49
>SMAD4-I38: RARLHIGK	160	>SMAD4-I38: RARLHKGK	324	164
>SMAD4-I38: RARLHIGKGV	109	>SMAD4-I38: RARLHKGK	186	77
>SMAD4-I38: ERARLHIGK	383	>SMAD4-I38: ERARLHKGK	541	158
>SMAD4-I38: IERARLHI	269	>SMAD4-I38: IERARLHK	13018	12749
>SMAD4-I38: IERARLHI	2201	>SMAD4-I38: IERARLHK	118	2083
>SMAD4-I38: IERARLHIGK	212	>SMAD4-I38: IERARLHKGK	821	609
>SMAD4-I38: IERARLHI	105	>SMAD4-I38: IERARLHK	27036	26931

>SMAD4-I38: AIERARLHI	20809	>SMAD4-I38: AIERARLHK	322	20487
>SMAD4-I38: AIERARLHI	24397	>SMAD4-I38: AIERARLHK	159	24238
>SMAD4-I38: AIERARLHIGK	117	>SMAD4-I38: AIERARLHKG	722	605
>SMAD4-I38: AIERARLHI	341	>SMAD4-I38: AIERARLHK	21	320
>SMAD4-I38: AIERARLHIGK	57	>SMAD4-I38: AIERARLHKG	190	133
>SMAD4-I38: EAIERARLHI	34055	>SMAD4-I38: EAIERARLHK	456	33599
>SMAD4-I38: EAIERARLHI	28272	>SMAD4-I38: EAIERARLHK	107	28165
>SMAD4-I38: EAIERARLHI	288	>SMAD4-I38: EAIERARLHK	23777	23489
>SMAD4-I38: EAIERARLHI	162	>SMAD4-I38: EAIERARLHK	13176	13014
>SMAD4-I52: IHLHRALQL	503	>SMAD4-I52: VHLHRALQL	445	58
>SMAD4-I52: IHLHRALQL	405	>SMAD4-I52: VHLHRALQL	981	576
>SMAD4-I52: IHLHRALQL	235	>SMAD4-I52: VHLHRALQL	208	27
>SMAD4-I52: EIHLHRAL	682	>SMAD4-I52: EVHLHRAL	138	544
>SMAD4-I52: EIHLHRALQLI	671	>SMAD4-I52: EVHLHRALQL	141	530
>SMAD4-I52: EIHLHRALQ	1074	>SMAD4-I52: EVHLHRALQ	378	696
>SMAD4-I52: EIHLHRAL	1155	>SMAD4-I52: EVHLHRAL	244	911
>SMAD4-I52: EIHLHRALQLI	431	>SMAD4-I52: EVHLHRALQL	87	344
>SMAD4-I52: EIHLHRAL	80	>SMAD4-I52: EVHLHRAL	219	139
>SMAD4-I52: SIKETPCWIEI	1742	>SMAD4-I52: SIKETPCWIEV	311	1431
>SMAD4-I52: SIKETPCWIEI	186	>SMAD4-I52: SIKETPCWIEV	24	162
>SMAD4-I52: SIKETPCWIEI	1008	>SMAD4-I52: SIKETPCWIEV	144	864
>SMAD4-I52: SIKETPCWIEI	332	>SMAD4-I52: SIKETPCWIEV	30	302
>SMAD4-I52: SIKETPCWIEI	3776	>SMAD4-I52: SIKETPCWIEV	414	3362
>SMAD4-I52: SIKETPCWIEI	1954	>SMAD4-I52: SIKETPCWIEV	63	1891
>SMAD4-I52: SIKETPCWIEI	597	>SMAD4-I52: SIKETPCWIEV	9	588
>SMAD4-I52: SIKETPCWIEI	47	>SMAD4-I52: SIKETPCWIEV	80	33
>SMAD4-I52: IEIHLHRALQL	197	>SMAD4-I52: IEVHLHRALQ	173	24
>SMAD4-I52: IEIHLHRAL	257	>SMAD4-I52: IEVHLHRAL	327	70
>SMAD4-I52: IEIHLHRAL	32	>SMAD4-I52: IEVHLHRAL	30	2
>SMAD4-I52: IEIHLHRALQL	340	>SMAD4-I52: IEVHLHRALQ	316	24
>SMAD4-I52: IEIHLHRAL	13	>SMAD4-I52: IEVHLHRAL	16	3
>SMAD4-I52: IEIHLHRALQL	38	>SMAD4-I52: IEVHLHRALQ	45	7
>SMAD4-I52: IEIHLHRAL	41	>SMAD4-I52: IEVHLHRAL	57	16
>SMAD4-I52: IEIHLHRALQL	99	>SMAD4-I52: IEVHLHRALQ	153	54
>SMAD4-I52: IEIHLHRAL	404	>SMAD4-I52: IEVHLHRAL	657	253
>SMAD4-I52: IEIHLHRALQL	364	>SMAD4-I52: IEVHLHRALQ	571	207
>SMAD4-I52: IEIHLHRA	230	>SMAD4-I52: IEVHLHRA	331	101
>SMAD4-I52: IEIHLHRAL	203	>SMAD4-I52: IEVHLHRAL	444	241
>SMAD4-I52: IEIHLHRALQL	44	>SMAD4-I52: IEVHLHRALQ	97	53
>SMAD4-I52: WIEIHLHRA	220	>SMAD4-I52: WIEVHLHRA	312	92
>SMAD4-I52: WIEIHLHR	88	>SMAD4-I52: WIEVHLHR	187	99
>SMAD4-I52: CWIEIHLHRA	454	>SMAD4-I52: CWIEVHLHR/	616	162
>SMAD4-I52: CWIEIHLHRA	80	>SMAD4-I52: CWIEVHLHR/	68	12



>SMAD4-I52: CWIEIHLHR	203	>SMAD4-I52: CWIEVHLHR	270	67
>SMAD4-I52: CWIEIHLHR	220	>SMAD4-I52: CWIEVHLHR	162	58
>SMAD4-I52: CWIEIHLHR	9	>SMAD4-I52: CWIEVHLHR	19	10
>SMAD4-I52: CWIEIHLH	491	>SMAD4-I52: CWIEVHLH	534	43
>SMAD4-I52: CWIEIHLHRA	79	>SMAD4-I52: CWIEVHLHRA	84	5
>SMAD4-I52: PCWIEIHLHR	31	>SMAD4-I52: PCWIEVHLHF	51	20
>SMAD4-I52: TPCWIEIHL	192	>SMAD4-I52: TPCWIEVHL	257	65
>SMAD4-I52: TPCWIEIHLHI	94	>SMAD4-I52: TPCWIEVHLH	91	3
>SMAD4-I52: TPCWIEIH	328	>SMAD4-I52: TPCWIEVH	249	79
>SMAD4-I52: TPCWIEIHLHI	63	>SMAD4-I52: TPCWIEVHLH	83	20
>SMAD4-I52: ETPCWIEI	1636	>SMAD4-I52: ETPCWIEV	147	1489
>SMAD4-I52: ETPCWIEIH	70	>SMAD4-I52: ETPCWIEVH	45	25
>SMAD4-I52: ETPCWIEIHL	38	>SMAD4-I52: ETPCWIEVHL	50	12
>SMAD4-I52: ETPCWIEIHLF	173	>SMAD4-I52: ETPCWIEVHL	152	21
>SMAD4-I52: ETPCWIEIHL	403	>SMAD4-I52: ETPCWIEVHL	774	371
>SMAD4-I52: ETPCWIEI	6	>SMAD4-I52: ETPCWIEV	5	1
>SMAD4-I52: ETPCWIEIHL	18	>SMAD4-I52: ETPCWIEVHL	20	2
>SMAD4-I52: ETPCWIEI	41	>SMAD4-I52: ETPCWIEV	12	29
>SMAD4-I52: ETPCWIEIHL	109	>SMAD4-I52: ETPCWIEVHL	136	27
>SMAD4-I52: ETPCWIEIHL	23	>SMAD4-I52: ETPCWIEVHL	34	11
>SMAD4-I52: ETPCWIEIHLF	127	>SMAD4-I52: ETPCWIEVHL	198	71
>SMAD4-I52: ETPCWIEI	419	>SMAD4-I52: ETPCWIEV	16105	15686
>SMAD4-I52: KETPCWIEI	71	>SMAD4-I52: KETPCWIEV	625	554
>SMAD4-I52: KETPCWIEI	1143	>SMAD4-I52: KETPCWIEV	212	931
>SMAD4-I52: KETPCWIEI	20	>SMAD4-I52: KETPCWIEV	34	14
>SMAD4-I52: KETPCWIEIHI	11	>SMAD4-I52: KETPCWIEVH	13	2
>SMAD4-I52: KETPCWIEI	20	>SMAD4-I52: KETPCWIEV	24	4
>SMAD4-I52: KETPCWIEIHI	68	>SMAD4-I52: KETPCWIEVH	86	18
>SMAD4-I52: KETPCWIEI	406	>SMAD4-I52: KETPCWIEV	521	115
>SMAD4-I52: KETPCWIEI	462	>SMAD4-I52: KETPCWIEV	109	353
>SMAD4-I52: KETPCWIEI	10	>SMAD4-I52: KETPCWIEV	18	8
>SMAD4-I52: KETPCWIEIHI	87	>SMAD4-I52: KETPCWIEVH	81	6
>SMAD4-K34KVPSSCPIVTV	272	>SMAD4-K34EVPSSCPIVTV	11748	11476
>SMAD4-K34KVPSSCPIV	435	>SMAD4-K34EVPSSCPIV	7521	7086
>SMAD4-K34KVPSSCPIVTV	119	>SMAD4-K34EVPSSCPIVTV	3253	3134
>SMAD4-K34KVPSSCPI	171	>SMAD4-K34EVPSSCPI	5909	5738
>SMAD4-K34KVPSSCPIV	149	>SMAD4-K34EVPSSCPIV	2394	2245
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>SMAD4-K34KVPSSCPIVTV	74	>SMAD4-K34EVPSSCPIVTV	657	583
>SMAD4-K34KVPSSCPIV	326	>SMAD4-K34EVPSSCPIV	3283	2957
>SMAD4-K34KVPSSCPIVTV	116	>SMAD4-K34EVPSSCPIVTV	1523	1407
>SMAD4-K34KVPSSCPIV	83	>SMAD4-K34EVPSSCPIV	515	432
>SMAD4-K34KVPSSCPIVTV	33	>SMAD4-K34EVPSSCPIVTV	152	119

>SMAD4-K34KVPSSCPI	334	>SMAD4-K34EVPSSCPI	15783	15449
>SMAD4-K34KVPSSCPI	110	>SMAD4-K34EVPSSCPI	4853	4743
>SMAD4-K34KVPSSCPIVTV	402	>SMAD4-K34EVPSSCPIVTV	7285	6883
>SMAD4-K34KVPSSCPI	2541	>SMAD4-K34EVPSSCPI	18	2523
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>SMAD4-K34KVPSSCPI	8582	>SMAD4-K34EVPSSCPI	94	8488
>SMAD4-K34KVPSSCPIV	7980	>SMAD4-K34EVPSSCPIV	129	7851
>SMAD4-K34KVPSSCPIVTV	3392	>SMAD4-K34EVPSSCPIVTV	35	3357
>SMAD4-K34KVPSSCPI	12	>SMAD4-K34EVPSSCPI	92	80
>SMAD4-K34KVPSSCPIV	45	>SMAD4-K34EVPSSCPIV	400	355
>SMAD4-K34KVPSSCPIVTV	76	>SMAD4-K34EVPSSCPIVTV	743	667
>SMAD4-K34FKVPSSCPI	322	>SMAD4-K34FEVPSSCPI	11	311
>SMAD4-K34FKVPSSCPIV	3905	>SMAD4-K34FEVPSSCPIV	51	3854
>SMAD4-K34FKVPSSCPI	160	>SMAD4-K34FEVPSSCPI	91	69
>SMAD4-K34FKVPSSCPIV	298	>SMAD4-K34FEVPSSCPIV	354	56
>SMAD4-K34FKVPSSCPIV	327	>SMAD4-K34FEVPSSCPIV	534	207
>SMAD4-K34FKVPSSCPI	3877	>SMAD4-K34FEVPSSCPI	406	3471
>SMAD4-K34FKVPSSCP	254	>SMAD4-K34FEVPSSCP	6324	6070
>SMAD4-K34FKVPSSCPI	7	>SMAD4-K34FEVPSSCPI	107	100
>SMAD4-K34FKVPSSCPIV	12	>SMAD4-K34FEVPSSCPIV	300	288
>SMAD4-K34FKVPSSCPIVTV	164	>SMAD4-K34FEVPSSCPIVTV	4443	4279
>SMAD4-K34FKVPSSCPI	105	>SMAD4-K34FEVPSSCPI	298	193
>SMAD4-K34FKVPSSCPIV	364	>SMAD4-K34FEVPSSCPIV	1302	938
>SMAD4-K34FKVPSSCPI	16554	>SMAD4-K34FEVPSSCPI	62	16492
>SMAD4-K34FKVPSSCPIV	15222	>SMAD4-K34FEVPSSCPIV	214	15008
>SMAD4-K34FKVPSSCPI	19685	>SMAD4-K34FEVPSSCPI	47	19638
>SMAD4-K34FKVPSSCPIV	27414	>SMAD4-K34FEVPSSCPIV	318	27096
>SMAD4-K34FKVPSSCPIVTV	29615	>SMAD4-K34FEVPSSCPIVTV	199	29416
>SMAD4-K34FKVPSSCPI	5247	>SMAD4-K34FEVPSSCPI	8	5239
>SMAD4-K34FKVPSSCPIV	9952	>SMAD4-K34FEVPSSCPIV	18	9934
>SMAD4-K34EMDVQVGET	242	>SMAD4-K34EMDVQVGET	19497	19255
>SMAD4-K34TFKVPSSCPI	125	>SMAD4-K34TFEVPSSCPI	9344	9219
>SMAD4-K34ETFKVPSSCPI	760	>SMAD4-K34ETFEVPSSCPI	489	271
>SMAD4-K34ETFKVPSSCPI	835	>SMAD4-K34ETFEVPSSCPI	76	759
>SMAD4-K34ETFKVPSSCPI	1157	>SMAD4-K34ETFEVPSSCPI	448	709
>SMAD4-K34ETFKVPSSCPI	35	>SMAD4-K34ETFEVPSSCPI	24	11
>SMAD4-K34ETFKVPSS	418	>SMAD4-K34ETFEVPSS	327	91
>SMAD4-K34ETFKVPSS	229	>SMAD4-K34ETFEVPSS	104	125
>SMAD4-K34ETFKVPSSC	197	>SMAD4-K34ETFEVPSSC	54	143
>SMAD4-K34ETFKVPSSCPI	5	>SMAD4-K34ETFEVPSSCPI	4	1
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>SMAD4-K34ETFKVPSSC	2241	>SMAD4-K34ETFEVPSSC	311	1930

>SMAD4-K34 ETKVPSSCPI	9	>SMAD4-K34 ETFEVPSSCPI	5	4
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>SMAD4-K34 QVGETFKV	997	>SMAD4-K34 QVGETFEV	257	740
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>SMAD4-K34 QVGETFKV	203	>SMAD4-K34 QVGETFEV	80	123
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>SMAD4-K34 DVQVGETFK	116	>SMAD4-K34 DVQVGETFE	4766	4650
>SMAD4-K34 DVQVGETFK	43	>SMAD4-K34 DVQVGETFE	9924	9881
>SMAD4-K34 DVQVGETFK\	385	>SMAD4-K34 DVQVGETFE\	281	104
>SMAD4-K34 MDVQVGETF	901	>SMAD4-K34 MDVQVGETF	341	560
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>SMAD4-K34 MDVQVGETF	204	>SMAD4-K34 MDVQVGETF	177	27
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>SMAD4-K50 KGWGPDPYR	11	>SMAD4-K50 QGWGPDPYF	20	9
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>SMAD4-K50 VKGWGPDY	206	>SMAD4-K50 VQGWPDPY	46	160
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>SMAD4-K50 VKGWGPDPYF	213	>SMAD4-K50 VQGWPDPYF	72	141
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>SMAD4-L43 ETFAKRAIESL	472	>SMAD4-L43 ETFAKRAIESS	9257	8785
>SMAD4-L43 ETFAKRAIESL	364	>SMAD4-L43 ETFAKRAIESS	8613	8249
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>SMAD4-L43 ETFAKRAIESL	236	>SMAD4-L43 ETFAKRAIESS	10537	10301
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>SMAD4-L43 RAIESLVKKLK	81	>SMAD4-L43 RAIESSVKKLK	54	27
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>SMAD4-L43 RAIESLVKKLK	452	>SMAD4-L43 RAIESSVKKLK	389	63
>SMAD4-L43 RAIESLVKKL	411	>SMAD4-L43 RAIESSVKKL	115	296
>SMAD4-L43 RAIESLVKKL	5	>SMAD4-L43 RAIESSVKKL	4	1
>SMAD4-L43 RAIESLVKKL	403	>SMAD4-L43 RAIESSVKKL	378	25
>SMAD4-L43 KRAIESLV	1394	>SMAD4-L43 KRAIESSV	399	995
>SMAD4-L43 KRAIESLVKKL	555	>SMAD4-L43 KRAIESSVKKL	237	318
>SMAD4-L43 KRAIESLVK	244	>SMAD4-L43 KRAIESSVK	470	226
>SMAD4-L43 KRAIESLVKK	191	>SMAD4-L43 KRAIESSVKK	361	170
>SMAD4-L43 KRAIESLVKKL	134	>SMAD4-L43 KRAIESSVKKL	270	136
>SMAD4-L43 KRAIESLV	155	>SMAD4-L43 KRAIESSV	242	87
>SMAD4-L43 KRAIESLVKKL	130	>SMAD4-L43 KRAIESSVKKL	223	93
>SMAD4-L43 KRAIESLVKKL	113	>SMAD4-L43 KRAIESSVKKL	200	87
>SMAD4-L43 AKRAIESLVK	44	>SMAD4-L43 AKRAIESSVK	75	31
>SMAD4-L43 AKRAIESLVKK	80	>SMAD4-L43 AKRAIESSVKK	53	27
>SMAD4-L43 AKRAIESL	22	>SMAD4-L43 AKRAIESS	998	976
>SMAD4-L43 AKRAIESLV	144	>SMAD4-L43 AKRAIESSV	28	116
>SMAD4-L43 AKRAIESLVK	268	>SMAD4-L43 AKRAIESSVK	136	132
>SMAD4-L43 AKRAIESLVKK	392	>SMAD4-L43 AKRAIESSVKK	194	198
>SMAD4-L43 FAKRAIESL	324	>SMAD4-L43 FAKRAIESS	15290	14966
>SMAD4-L43 FAKRAIESLV	391	>SMAD4-L43 FAKRAIESSV	369	22
>SMAD4-L43 FAKRAIESL	438	>SMAD4-L43 FAKRAIESS	10035	9597
>SMAD4-L43 FAKRAIESLV	173	>SMAD4-L43 FAKRAIESSV	86	87
>SMAD4-L43 FAKRAIESL	226	>SMAD4-L43 FAKRAIESS	11161	10935
>SMAD4-L43 FAKRAIESLV	67	>SMAD4-L43 FAKRAIESSV	39	28
>SMAD4-L43 FAKRAIESLVK	165	>SMAD4-L43 FAKRAIESSVK	306	141
>SMAD4-L43 FAKRAIESLVK	403	>SMAD4-L43 FAKRAIESSVKK	165	238
>SMAD4-L43 FAKRAIESLV	389	>SMAD4-L43 FAKRAIESSV	252	137
>SMAD4-L43 FAKRAIESL	176	>SMAD4-L43 FAKRAIESS	9260	9084
>SMAD4-L43 FAKRAIESL	269	>SMAD4-L43 FAKRAIESS	10029	9760
>SMAD4-L43 FAKRAIESLV	2214	>SMAD4-L43 FAKRAIESSV	486	1728
>SMAD4-L43 TFAKRAIESLV	3639	>SMAD4-L43 TFAKRAIESSV	385	3254
>SMAD4-L43 TFAKRAIESL	249	>SMAD4-L43 TFAKRAIESS	14912	14663
>SMAD4-L53 LQLLDEVL	6096	>SMAD4-L53 FQLLDEVL	493	5603
>SMAD4-L53 LQLLDEVLHT	1962	>SMAD4-L53 FQLLDEVLHT	250	1712
>SMAD4-L53 LQLLDEVL	251	>SMAD4-L53 FQLLDEVL	16	235
>SMAD4-L53 LQLLDEVLHT	343	>SMAD4-L53 FQLLDEVLHT	91	252

>SMAD4-L53 LQLLDEVLHT	80	>SMAD4-L53 FQLLDEVLHT	13	67
>SMAD4-L53 LQLLDEVLHT	1709	>SMAD4-L53 FQLLDEVLHT	366	1343
>SMAD4-L53 LQLLDEVL	3890	>SMAD4-L53 FQLLDEVL	315	3575
>SMAD4-L53 LQLLDEVLHT	936	>SMAD4-L53 FQLLDEVLHT	124	812
>SMAD4-L53 LQLLDEVL	211	>SMAD4-L53 FQLLDEVL	108	103
>SMAD4-L53 LQLLDEVLHT	86	>SMAD4-L53 FQLLDEVLHT	42	44
>SMAD4-L53 LQLLDEVL	1235	>SMAD4-L53 FQLLDEVL	38	1197
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>SMAD4-L53 ALQQLLDEV	86	>SMAD4-L53 AFQQLLDEV	13804	13718
>SMAD4-L53 ALQQLLDEV	29	>SMAD4-L53 AFQQLLDEV	1741	1712
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>SMAD4-L53 ALQQLLDEV	113	>SMAD4-L53 AFQQLLDEV	10172	10059
>SMAD4-L53 ALQQLLDEV	218	>SMAD4-L53 AFQQLLDEV	6459	6241
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>SMAD4-L53 ALQQLLDEV	13	>SMAD4-L53 AFQQLLDEV	10826	10813
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>SMAD4-L53 ALQQLLDEV	19	>SMAD4-L53 AFQQLLDEV	8036	8017
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>SMAD4-L53 ALQQLLDEVL	104	>SMAD4-L53 AFQQLLDEVL	28895	28791
>SMAD4-L53 ALQQLLDEVL	15136	>SMAD4-L53 AFQQLLDEVL	353	14783
>SMAD4-L53 CWIEIHLHRA	454	>SMAD4-L53 CWIEIHLHRA	1114	660
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>SMAD4-L53 CWIEIHLHRA	80	>SMAD4-L53 CWIEIHLHRA	11	69
>SMAD4-L53 CWIEIHLHRA	79	>SMAD4-L53 CWIEIHLHRA	138	59
>SMAD4-L53 RALQQLLDEV	163	>SMAD4-L53 RAFQQLLDEV	403	240
>SMAD4-L53 RALQQLLDEV	1069	>SMAD4-L53 RAFQQLLDEV	407	662
>SMAD4-L53 RALQQLLDEV	801	>SMAD4-L53 RAFQQLLDEV	106	695
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>SMAD4-L53 RALQQLLDEV	46	>SMAD4-L53 RAFQQLLDEV	29	17
>SMAD4-L53 RALQQLLDEV	189	>SMAD4-L53 RAFQQLLDEV	200	11
>SMAD4-L53 RALQQLLDEV	1183	>SMAD4-L53 RAFQQLLDEV	438	745
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>SMAD4-L53 RALQQLLDEVL	108	>SMAD4-L53 RAFQQLLDEVL	79	29
>SMAD4-L53 HRALQQLLDEV	229	>SMAD4-L53 HRAFQQLLDEV	409	180
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>SMAD4-L53 HRALQQLLDEV	642	>SMAD4-L53 HRAFQQLLDEV	450	192
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>SMAD4-L53 HLHRALQLL	53	>SMAD4-L53 HLHRAFQLL	142	89
>SMAD4-L53 HLHRALQL	105	>SMAD4-L53 HLHRAFQL	47	58
>SMAD4-L53 HLHRALQLL	107	>SMAD4-L53 HLHRAFQLL	199	92
>SMAD4-L53 HLHRALQL	456	>SMAD4-L53 HLHRAFQL	122	334
>SMAD4-L53 HLHRALQLL	114	>SMAD4-L53 HLHRAFQLL	346	232
>SMAD4-L53 HLHRALQL	439	>SMAD4-L53 HLHRAFQL	154	285
>SMAD4-L53 HLHRALQLL	368	>SMAD4-L53 HLHRAFQLL	547	179
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>SMAD4-L53 HLHRALQLL	8	>SMAD4-L53 HLHRAFQLL	10	2
>SMAD4-L53 HLHRALQL	143	>SMAD4-L53 HLHRAFQL	182	39
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>SMAD4-L53 HLHRALQLL	2491	>SMAD4-L53 HLHRAFQLL	242	2249
>SMAD4-L53 IHLHRALQL	503	>SMAD4-L53 IHLHRAFQL	355	148
>SMAD4-L53 IHLHRALQL	405	>SMAD4-L53 IHLHRAFQL	938	533
>SMAD4-L53 IHLHRALQLL	518	>SMAD4-L53 IHLHRAFQLL	307	211
>SMAD4-L53 IHLHRALQL	235	>SMAD4-L53 IHLHRAFQL	134	101
>SMAD4-L53 IHLHRALQLL	791	>SMAD4-L53 IHLHRAFQLL	425	366
>SMAD4-L53 EIHLHRAL	682	>SMAD4-L53 EIHLHRAF	59	623
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>SMAD4-L53 EIHLHRALQLI	523	>SMAD4-L53 EIHLHRAFQLI	177	346
>SMAD4-L53 IEIHLHRALQL	197	>SMAD4-L53 IEIHLHRAFQL	168	29
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>SMAD4-L53 IEIHLHRAL	32	>SMAD4-L53 IEIHLHRAF	7	25
>SMAD4-L53 IEIHLHRALQL	340	>SMAD4-L53 IEIHLHRAFQL	225	115
>SMAD4-L53 IEIHLHRAL	13	>SMAD4-L53 IEIHLHRAF	97	84
>SMAD4-L53 IEIHLHRALQL	38	>SMAD4-L53 IEIHLHRAFQL	22	16
>SMAD4-L53 IEIHLHRAL	41	>SMAD4-L53 IEIHLHRAF	151	110
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>SMAD4-L53 IEIHLHRAL	404	>SMAD4-L53 IEIHLHRAF	62	342
>SMAD4-L53 IEIHLHRALQL	364	>SMAD4-L53 IEIHLHRAFQL	302	62
>SMAD4-L53 IEIHLHRAL	203	>SMAD4-L53 IEIHLHRAF	820	617
>SMAD4-L53 IEIHLHRALQL	44	>SMAD4-L53 IEIHLHRAFQL	29	15
>SMAD4-L53 LQLLDEVL	251	>SMAD4-L53 VQLLDEVL	331	80
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>SMAD4-L53 LQLLDEVLHT	80	>SMAD4-L53 VQLLDEVLHT	118	38
>SMAD4-L53 LQLLDEVL	211	>SMAD4-L53 VQLLDEVL	378	167
>SMAD4-L53 LQLLDEVLHT	86	>SMAD4-L53 VQLLDEVLHT	152	66
>SMAD4-L53 ALQLLDEV	86	>SMAD4-L53 AVQLLDEV	1688	1602
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>SMAD4-L53 ALQLLDEV	113	>SMAD4-L53 AVQLLDEV	1201	1088
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>SMAD4-L53 ALQLLDEV	65	>SMAD4-L53 AVQLLDEV	4474	4409
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>SMAD4-L53 CWIEIHLHRA	80	>SMAD4-L53 CWIEIHLHRA	2128	2048
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>SMAD4-L53 RALQLLDEV	163	>SMAD4-L53 RAVQLLDEV	317	154
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>SMAD4-L53 RALQLLDEVL	108	>SMAD4-L53 RAVQLLDEVL	91	17
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>SMAD4-L53 HRALQLLDEV	149	>SMAD4-L53 HRAVQLLDEV	108	41
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>SMAD4-L53 HLHRALQLL	53	>SMAD4-L53 HLHRAVQLL	48	5
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>SMAD4-L53 HLHRALQLL	107	>SMAD4-L53 HLHRAVQLL	55	52
>SMAD4-L53 HLHRALQL	456	>SMAD4-L53 HLHRAVQL	280	176
>SMAD4-L53 HLHRALQLL	114	>SMAD4-L53 HLHRAVQLL	152	38
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>SMAD4-L53 HLHRALQLL	368	>SMAD4-L53 HLHRAVQLL	178	190
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>SMAD4-L53 IHLHRALQL	405	>SMAD4-L53 IHLHRAVQL	194	211
>SMAD4-L53 IHLHRALQLL	518	>SMAD4-L53 IHLHRAVQLL	249	269
>SMAD4-L53 IHLHRALQL	235	>SMAD4-L53 IHLHRAVQL	138	97
>SMAD4-L53 IHLHRALQLL	791	>SMAD4-L53 IHLHRAVQLL	322	469
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>SMAD4-L53 EIHLHRALQLI	431	>SMAD4-L53 EIHLHRAVQL	405	26
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>SMAD4-L53 EIHLHRALQLI	523	>SMAD4-L53 EIHLHRAVQL	400	123
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>SMAD4-L53 IEIHLHRALQL	197	>SMAD4-L53 IEIHLHRAVQL	249	52
>SMAD4-L53 IEIHLHRAL	257	>SMAD4-L53 IEIHLHRAV	535	278
>SMAD4-L53 IEIHLHRAL	32	>SMAD4-L53 IEIHLHRAV	118	86
>SMAD4-L53 IEIHLHRALQL	340	>SMAD4-L53 IEIHLHRAVQL	377	37
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>SMAD4-L53 IEIHLHRALQL	99	>SMAD4-L53 IEIHLHRAVQL	181	82
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>SMAD4-L53 IEIHLHRAL	3652	>SMAD4-L53 IEIHLHRAV	310	3342
>SMAD4-L53 IEIHLHRAL	203	>SMAD4-L53 IEIHLHRAV	122	81
>SMAD4-L53 IEIHLHRALQL	44	>SMAD4-L53 IEIHLHRAVQL	37	7
>SMAD4-L53 WIEIHLHRAL	3663	>SMAD4-L53 WIEIHLHRAV	289	3374
>SMAD4-L53 WIEIHLHRAL	1277	>SMAD4-L53 WIEIHLHRAV	112	1165
>SMAD4-L54 VLHTMPIA	69	>SMAD4-L54 VRHTMPIA	19227	19158
>SMAD4-L54 VLHTMPIA	271	>SMAD4-L54 VRHTMPIA	26209	25938
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>SMAD4-L54 VLHTMPIA	30	>SMAD4-L54 VRHTMPIA	30229	30199
>SMAD4-L54 HRALQLLDEV	183	>SMAD4-L54 HRALQLLDEV	246	63
>SMAD4-L54 HRALQLLDEV	149	>SMAD4-L54 HRALQLLDEV	17772	17623
>SMAD4-L54 HRALQLLDEV	142	>SMAD4-L54 HRALQLLDEV	4502	4360
>SMAD4-L54 HRALQLLDEV	33805	>SMAD4-L54 HRALQLLDEV	447	33358
>SMAD4-L54 EVLHTMPI	212	>SMAD4-L54 EVRHTMPI	372	160
>SMAD4-L54 EVLHTMPIA	355	>SMAD4-L54 EVRHTMPIA	729	374
>SMAD4-L54 EVLHTMPI	5902	>SMAD4-L54 EVRHTMPI	85	5817
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>SMAD4-L54 EVLHTMPI	393	>SMAD4-L54 EVRHTMPI	2965	2572
>SMAD4-L54 EVLHTMPI	21	>SMAD4-L54 EVRHTMPI	81	60
>SMAD4-L54 EVLHTMPI	5	>SMAD4-L54 EVRHTMPI	109	104
>SMAD4-L54 EVLHTMPIA	32	>SMAD4-L54 EVRHTMPIA	3568	3536
>SMAD4-L54 DEVLHTMPI	14	>SMAD4-L54 DEVRHTMPI	18	4

>SMAD4-L54 DEVLHTMPI	15	>SMAD4-L54 DEVRHTMPI	33	18
>SMAD4-L54 DEVLHTMPIA	35	>SMAD4-L54 DEVRHTMPIA	79	44
>SMAD4-L54 DEVLHTMPI	23	>SMAD4-L54 DEVRHTMPI	32	9
>SMAD4-L54 LDEVLHTMPI	98	>SMAD4-L54 LDEVVRHTMPI	111	13
>SMAD4-L54 LLDEVLHT	142	>SMAD4-L54 LLDEVVRHT	2658	2516
>SMAD4-L54 LLDEVLHTM	19	>SMAD4-L54 LLDEVVRHTM	151	132
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>SMAD4-L54 LLDEVLHTM	59	>SMAD4-L54 LLDEVVRHTM	326	267
>SMAD4-L54 LLDEVLHTMF	17	>SMAD4-L54 LLDEVVRHTMF	37	20
>SMAD4-L54 LLDEVLHTM	236	>SMAD4-L54 LLDEVVRHTM	2259	2023
>SMAD4-L54 LLDEVLHTMF	13	>SMAD4-L54 LLDEVVRHTMF	35	22
>SMAD4-L54 LLDEVLHT	125	>SMAD4-L54 LLDEVVRHT	1798	1673
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>SMAD4-L54 LLDEVLHT	154	>SMAD4-L54 LLDEVVRHT	2040	1886
>SMAD4-L54 LLDEVLHTM	3	>SMAD4-L54 LLDEVVRHTM	22	19
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>SMAD4-L54 LLDEVLHTM	8	>SMAD4-L54 LLDEVVRHTM	29	21
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>SMAD4-L54 LLDEVLHT	23	>SMAD4-L54 LLDEVVRHT	155	132
>SMAD4-L54 LLDEVLHTM	3	>SMAD4-L54 LLDEVVRHTM	5	2
>SMAD4-L54 LLDEVLHTMF	5	>SMAD4-L54 LLDEVVRHTMF	5	0
>SMAD4-L54 LLDEVLHTM	245	>SMAD4-L54 LLDEVVRHTM	1118	873
>SMAD4-L54 LLDEVLHTMF	69	>SMAD4-L54 LLDEVVRHTMF	134	65
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>SMAD4-L54 QLLDEVLHTM	130	>SMAD4-L54 QLLDEVVRHTM	793	663
>SMAD4-L54 QLLDEVLHT	193	>SMAD4-L54 QLLDEVVRHT	2426	2233
>SMAD4-L54 QLLDEVLHTM	193	>SMAD4-L54 QLLDEVVRHTM	1753	1560
>SMAD4-L54 QLLDEVLHT	157	>SMAD4-L54 QLLDEVVRHT	386	229
>SMAD4-L54 QLLDEVLHTM	8	>SMAD4-L54 QLLDEVVRHTM	32	24
>SMAD4-L54 QLLDEVLHTM	13	>SMAD4-L54 QLLDEVVRHTM	99	86
>SMAD4-L54 QLLDEVLHT	276	>SMAD4-L54 QLLDEVVRHT	2668	2392
>SMAD4-L54 QLLDEVLHTM	45	>SMAD4-L54 QLLDEVVRHTM	338	293
>SMAD4-L54 QLLDEVLHTM	10	>SMAD4-L54 QLLDEVVRHTM	73	63
>SMAD4-L54 QLLDEVLHT	53	>SMAD4-L54 QLLDEVVRHT	703	650

>SMAD4-L54 QLLDEVLHTM	8	>SMAD4-L54 QLLDEVRHTM	24	16
>SMAD4-L54 QLLDEVLHTM	147	>SMAD4-L54 QLLDEVRHTM	556	409
>SMAD4-L54 LQLLDEVL	251	>SMAD4-L54 LQLLDEVLR	17898	17647
>SMAD4-L54 LQLLDEVLHT	343	>SMAD4-L54 LQLLDEVLRHT	1566	1223
>SMAD4-L54 LQLLDEVLHT	80	>SMAD4-L54 LQLLDEVLRHT	307	227
>SMAD4-L54 LQLLDEVL	211	>SMAD4-L54 LQLLDEVLR	2258	2047
>SMAD4-L54 LQLLDEVLHT	86	>SMAD4-L54 LQLLDEVLRHT	70	16
>SMAD4-L54 ALQLLDEVL	309	>SMAD4-L54 ALQLLDEVLR	20743	20434
>SMAD4-L54 ALQLLDEVL	411	>SMAD4-L54 ALQLLDEVLR	26991	26580
>SMAD4-L54 ALQLLDEVL	104	>SMAD4-L54 ALQLLDEVLR	26658	26554
>SMAD4-L54 RALQLLDEVL	20595	>SMAD4-L54 RALQLLDEVLR	308	20287
>SMAD4-L54 RALQLLDEVL	55	>SMAD4-L54 RALQLLDEVLR	13888	13833
>SMAD4-L54 RALQLLDEVL	108	>SMAD4-L54 RALQLLDEVLR	13855	13747
>SMAD4-L54 RALQLLDEVL	30897	>SMAD4-L54 RALQLLDEVLR	140	30757
>SMAD4-L54 LDSLITAI	40	>SMAD4-L54 SDSLITAI	61	21
>SMAD4-L54 LDSLITAI	102	>SMAD4-L54 SDSLITAI	70	32
>SMAD4-L54 ELDSLITAI	195	>SMAD4-L54 ESDSLITAI	8748	8553
>SMAD4-L54 ELDSLITA	71	>SMAD4-L54 ESDSLITA	18452	18381
>SMAD4-L54 ELDSLITAI	20	>SMAD4-L54 ESDSLITAI	12382	12362
>SMAD4-L54 ELDSLITA	498	>SMAD4-L54 ESDSLITA	23527	23029
>SMAD4-L54 ELDSLITAI	215	>SMAD4-L54 ESDSLITAI	23642	23427
>SMAD4-L54 ELDSLITA	112	>SMAD4-L54 ESDSLITA	22862	22750
>SMAD4-L54 ELDSLITAI	155	>SMAD4-L54 ESDSLITAI	21008	20853
>SMAD4-L54 ELDSLITA	455	>SMAD4-L54 ESDSLITA	21459	21004
>SMAD4-L54 ELDSLITAI	114	>SMAD4-L54 ESDSLITAI	22021	21907
>SMAD4-L54 ELDSLITA	132	>SMAD4-L54 ESDSLITA	32366	32234
>SMAD4-L54 ELDSLITAI	219	>SMAD4-L54 ESDSLITAI	32550	32331
>SMAD4-L54 ELDSLITAI	1797	>SMAD4-L54 ESDSLITAI	458	1339
>SMAD4-L54 ELDSLITA	471	>SMAD4-L54 ESDSLITA	935	464
>SMAD4-L54 ELDSLITAI	67	>SMAD4-L54 ESDSLITAI	119	52
>SMAD4-L54 DELDSLITAI	21	>SMAD4-L54 DESDSLITAI	92	71
>SMAD4-L54 DELDSLIT	251	>SMAD4-L54 DESDSLIT	663	412
>SMAD4-L54 DELDSLITA	18	>SMAD4-L54 DESDSLITA	36	18
>SMAD4-L54 DELDSLITAIT	112	>SMAD4-L54 DESDSLITAIT	297	185
>SMAD4-L54 DELDSLITA	245	>SMAD4-L54 DESDSLITA	167	78
>SMAD4-L54 DELDSLITAI	51	>SMAD4-L54 DESDSLITAI	138	87
>SMAD4-L54 KDELDSLITAI	49	>SMAD4-L54 KDESDSLITAI	54	5
>SMAD4-L54 KDELDSLITAI	67	>SMAD4-L54 KDESDSLITAI	84	17
>SMAD4-L54 KEKKDELDSLITAI	188	>SMAD4-L54 KEKKDESDSLITAI	173	15
>SMAD4-L54 KEKKDELDSLITAI	246	>SMAD4-L54 KEKKDESDSLITAI	228	18
>SMAD4-L54 KEKKDELDSLITAI	437	>SMAD4-L54 KEKKDESDSLITAI	772	335
>SMAD4-L54 KEKKDELDSLITAI	21	>SMAD4-L54 KEKKDESDSLITAI	26	5
>SMAD4-L54 KLKEKKDEL	194	>SMAD4-L54 KLKEKKDES	12059	11865

>SMAD4-L54 KLKEKKDEL	403	>SMAD4-L54 KLKEKKDES	10352	9949
>SMAD4-L54 KLKEKKDEL	328	>SMAD4-L54 KLKEKKDES	11703	11375
>SMAD4-L54 KLKEKKDEL	383	>SMAD4-L54 KLKEKKDES	16589	16206
>SMAD4-L54 KLKEKKDEL	45	>SMAD4-L54 KLKEKKDES	12658	12613
>SMAD4-L54 KKLKEKKDEL	210	>SMAD4-L54 KKLKEKKDES	7944	7734
>SMAD4-M3 MDVQVGETF	466	>SMAD4-M3 TDVQVGETF	2426	1960
>SMAD4-M3 MDVQVGETF	379	>SMAD4-M3 TDVQVGETF	4014	3635
>SMAD4-M3 MDVQVGETF	216	>SMAD4-M3 TDVQVGETF	572	356
>SMAD4-M3 MDVQVGETF	208	>SMAD4-M3 TDVQVGETF	1068	860
>SMAD4-M3 MDVQVGETF	204	>SMAD4-M3 TDVQVGETF	126	78
>SMAD4-M3 EMDVQVGET	242	>SMAD4-M3 ETDVQVGET	17	225
>SMAD4-M3 EMDVQVGET	8528	>SMAD4-M3 ETDVQVGET	66	8462
>SMAD4-M3 EYWCSIAYPE	309	>SMAD4-M3 EYWCSIAYPE	3764	3455
>SMAD4-M3 EYWCSIAYPE	102	>SMAD4-M3 EYWCSIAYPE	1290	1188
>SMAD4-M3 EYWCSIAYPE	430	>SMAD4-M3 EYWCSIAYPE	4022	3592
>SMAD4-M3 EYWCSIAYPE	326	>SMAD4-M3 EYWCSIAYPE	11427	11101
>SMAD4-M3 FEMDVQVGE	259	>SMAD4-M3 FETDVQVGE	2790	2531
>SMAD4-M3 FEMDVQVGE	143	>SMAD4-M3 FETDVQVGE	2809	2666
>SMAD4-M3 FEMDVQVGE	23	>SMAD4-M3 FETDVQVGE	164	141
>SMAD4-M3 FEMDVQVGE	11	>SMAD4-M3 FETDVQVGE	27	16
>SMAD4-M3 FEMDVQVGE	25	>SMAD4-M3 FETDVQVGE	25	0
>SMAD4-M3 FEMDVQVGE	250	>SMAD4-M3 FETDVQVGE	706	456
>SMAD4-M3 FEMDVQVGE	133	>SMAD4-M3 FETDVQVGE	293	160
>SMAD4-M3 FEMDVQVGE	67	>SMAD4-M3 FETDVQVGE	161	94
>SMAD4-M3 FEMDVQVGE	281	>SMAD4-M3 FETDVQVGE	3580	3299
>SMAD4-M3 FEMDVQVGE	341	>SMAD4-M3 FETDVQVGE	5687	5346
>SMAD4-M3 FEMDVQVGE	15	>SMAD4-M3 FETDVQVGE	136	121
>SMAD4-M3 YFEMDVQV	98	>SMAD4-M3 YFETDVQV	153	55
>SMAD4-M3 AYFEMDVQV	251	>SMAD4-M3 AYFETDVQV	1051	800
>SMAD4-M3 AYFEMDVQV	217	>SMAD4-M3 AYFETDVQV	78	139
>SMAD4-M3 AYFEMDVQV	86	>SMAD4-M3 AYFETDVQV	44	42
>SMAD4-M3 AYFEMDVQV	30	>SMAD4-M3 AYFETDVQV	36	6
>SMAD4-M3 AYFEMDVQV	135	>SMAD4-M3 AYFETDVQV	129	6
>SMAD4-M3 IAYFEMDVQ\	438	>SMAD4-M3 IAYFETDVQV	336	102
>SMAD4-M3 IAYFEMDVQ\	174	>SMAD4-M3 IAYFETDVQV	111	63
>SMAD4-M3 IAYFEMDVQ\	239	>SMAD4-M3 IAYFETDVQV	190	49
>SMAD4-M3 IAYFEMDVQ\	303	>SMAD4-M3 IAYFETDVQV	480	177
>SMAD4-M3 SIAYFEMDVC	130	>SMAD4-M3 SIAYFETDVQ\	178	48
>SMAD4-M3 SIAYFEMDV	164	>SMAD4-M3 SIAYFETDV	70	94
>SMAD4-M3 SIAYFEMDVC	28	>SMAD4-M3 SIAYFETDVQ\	25	3
>SMAD4-M3 SIAYFEMDV	175	>SMAD4-M3 SIAYFETDV	117	58
>SMAD4-M3 SIAYFEMDVC	90	>SMAD4-M3 SIAYFETDVQ\	86	4
>SMAD4-M3 SIAYFEMDVC	214	>SMAD4-M3 SIAYFETDVQ\	200	14

>SMAD4-M3 SIAYFEMDVC	144	>SMAD4-M3 SIAYFETDVQ'	127	17
>SMAD4-M3 SIAYFEMDV	129	>SMAD4-M3 SIAYFETDV	190	61
>SMAD4-M3 SIAYFEMDVC	33	>SMAD4-M3 SIAYFETDVQ'	33	0
>SMAD4-M3 SIAYFEMDV	45	>SMAD4-M3 SIAYFETDV	56	11
>SMAD4-M3 SIAYFEMDVC	13	>SMAD4-M3 SIAYFETDVQ'	14	1
>SMAD4-M3 SIAYFEMDV	65	>SMAD4-M3 SIAYFETDV	142	77
>SMAD4-M3 SIAYFEMDVC	23	>SMAD4-M3 SIAYFETDVQ'	37	14
>SMAD4-M3 SIAYFEMDVC	348	>SMAD4-M3 SIAYFETDVQ'	350	2
>SMAD4-M3 CSIAYFEM	299	>SMAD4-M3 CSIAYFET	8209	7910
>SMAD4-M3 CSIAYFEM	209	>SMAD4-M3 CSIAYFET	20152	19943
>SMAD4-M3 CSIAYFEMDV	56	>SMAD4-M3 CSIAYFETDV	156	100
>SMAD4-M3 CSIAYFEM	93	>SMAD4-M3 CSIAYFET	13304	13211
>SMAD4-M3 CSIAYFEM	85	>SMAD4-M3 CSIAYFET	12137	12052
>SMAD4-M3 CSIAYFEM	317	>SMAD4-M3 CSIAYFET	25319	25002
>SMAD4-M3 WCSIAYFEM	143	>SMAD4-M3 WCSIAYFET	6887	6744
>SMAD4-M3 YWCSIAYFEM	277	>SMAD4-M3 YWCSIAYFET	4075	3798
>SMAD4-M3 YWCSIAYFEM	29	>SMAD4-M3 YWCSIAYFET	487	458
>SMAD4-N12 NPYHYERVV	151	>SMAD4-N12 KPYHYERVV	43	108
>SMAD4-N12 NPYHYERVV	151	>SMAD4-N12 KPYHYERVV	444	293
>SMAD4-N12 VNPYHYERV	58	>SMAD4-N12 VKPYHYERV	443	385
>SMAD4-N12 CVNPYHYERV	196	>SMAD4-N12 CVKPYHYERV	3609	3413
>SMAD4-N12 CVNPYHYERV	84	>SMAD4-N12 CVKPYHYERV	309	225
>SMAD4-N12 CVNPYHYER	69	>SMAD4-N12 CVKPYHYER	622	553
>SMAD4-N12 CVNPYHYER	5390	>SMAD4-N12 CVKPYHYER	315	5075
>SMAD4-N12 CVNPYHYER	9	>SMAD4-N12 CVKPYHYER	9	0
>SMAD4-N12 CVNPYHYER	52	>SMAD4-N12 CVKPYHYER	31	21
>SMAD4-N12 CVNPYHYER	18	>SMAD4-N12 CVKPYHYER	28	10
>SMAD4-N12 CVNPYHYERV	424	>SMAD4-N12 CVKPYHYERV	2120	1696
>SMAD4-N12 CVNPYHYER	125	>SMAD4-N12 CVKPYHYER	88	37
>SMAD4-N12 VCVNPYHYEF	428	>SMAD4-N12 VCVKPYHYER	1178	750
>SMAD4-N12 VCVNPYHY	369	>SMAD4-N12 VCVKPYHY	403	34
>SMAD4-N12 VCVNPYHY	153	>SMAD4-N12 VCVKPYHY	344	191
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>SMAD4-N12 VCVNPYHYEF	146	>SMAD4-N12 VCVKPYHYER	117	29
>SMAD4-N12 VCVNPYHY	309	>SMAD4-N12 VCVKPYHY	112	197
>SMAD4-N12 VCVNPYHYEF	220	>SMAD4-N12 VCVKPYHYER	95	125
>SMAD4-N12 SVCVNPYH	473	>SMAD4-N12 SVCVKPYH	819	346
>SMAD4-N12 SVCVNPYHY	175	>SMAD4-N12 SVCVKPYHY	275	100
>SMAD4-N12 SVCVNPYHYE	54	>SMAD4-N12 SVCVKPYHYE	66	12
>SMAD4-N12 SVCVNPYHY	51	>SMAD4-N12 SVCVKPYHY	142	91
>SMAD4-N12 SVCVNPYHY	12	>SMAD4-N12 SVCVKPYHY	19	7
>SMAD4-N12 SVCVNPYHY	36	>SMAD4-N12 SVCVKPYHY	68	32
>SMAD4-N12 SVCVNPYHYE	14	>SMAD4-N12 SVCVKPYHYE	10	4

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>SMAD4-N12SVCVNPYHYE	19	>SMAD4-N12SVCVKPYHYE	39	20
>SMAD4-N12SVCVNPYHY	16	>SMAD4-N12SVCVKPYHY	10	6
>SMAD4-N12SVCVNPYHY	407	>SMAD4-N12SVCVKPYHY	785	378
>SMAD4-N12SVCVNPYHY	209	>SMAD4-N12SVCVKPYHY	384	175
>SMAD4-N12SVCVNPYHYE	191	>SMAD4-N12SVCVKPYHYE	281	90
>SMAD4-N12SVCVNPYHYE	151	>SMAD4-N12SVCVKPYHYE	194	43
>SMAD4-N12DSVCVNPYH)	273	>SMAD4-N12DSVCVKPYHY	305	32
>SMAD4-N12DSVCVNPY	17	>SMAD4-N12DSVCVKPY	29	12
>SMAD4-N12DSVCVNPYH)	18	>SMAD4-N12DSVCVKPYHY	33	15
>SMAD4-N12DSVCVNPY	60	>SMAD4-N12DSVCVKPY	379	319
>SMAD4-N12DSVCVNPYH)	382	>SMAD4-N12DSVCVKPYHY	550	168
>SMAD4-N12DSVCVNPYH)	50	>SMAD4-N12DSVCVKPYHY	102	52
>SMAD4-N12DSVCVNPYH)	149	>SMAD4-N12DSVCVKPYHY	149	0
>SMAD4-N12DSVCVNPYH)	470	>SMAD4-N12DSVCVKPYHY	1026	556
>SMAD4-N12DSVCVNPY	745	>SMAD4-N12DSVCVKPY	418	327
>SMAD4-N12DSVCVNPY	93	>SMAD4-N12DSVCVKPY	303	210
>SMAD4-N12CDSVCVNPYH	316	>SMAD4-N12CDSVCVKPYH	501	185
>SMAD4-N12KCDSVCVNPY	413	>SMAD4-N12KCDSVCVKPY	878	465
>SMAD4-N12LKCDSCVNF	272	>SMAD4-N12LKCDSCVVKP	408	136
>SMAD4-N12LKCDSCVNF	2267	>SMAD4-N12LKCDSCVVK	276	1991
>SMAD4-N12LKCDSCVNF	7	>SMAD4-N12LKCDSCVVKP	6	1
>SMAD4-N2(NSTTTWTGSF	4243	>SMAD4-N2(SSTTTWTGSF	491	3752
>SMAD4-N2(NSTTTWTGSF	834	>SMAD4-N2(SSTTTWTGSF	212	622
>SMAD4-N2(NSTTTWTGSF	136	>SMAD4-N2(SSTTTWTGSF	293	157
>SMAD4-N2(NSTTTWTGSF	2179	>SMAD4-N2(SSTTTWTGSF	226	1953
>SMAD4-N2(NSTTTWTGSF	3248	>SMAD4-N2(SSTTTWTGSF	353	2895
>SMAD4-N2(HNSTTTWTG	1628	>SMAD4-N2(HSSTTTWTG	87	1541
>SMAD4-N2(HNSTTTWTG	4934	>SMAD4-N2(HSSTTTWTG	258	4676
>SMAD4-N2(HNSTTTWTG	178	>SMAD4-N2(HSSTTTWTG	16	162
>SMAD4-N2(HNSTTTWTG	111	>SMAD4-N2(HSSTTTWTG	156	45
>SMAD4-N2(HHNSTTTW	284	>SMAD4-N2(HHSSTTTW	261	23
>SMAD4-N2(HHNSTTTWT	548	>SMAD4-N2(HHSSTTTWT	496	52
>SMAD4-N2(HHNSTTTW	21	>SMAD4-N2(HHSSTTTW	10	11
>SMAD4-N2(YHHNSTTTW	43	>SMAD4-N2(YHHSSTTTW	30	13
>SMAD4-N2(YHHNSTTT	591	>SMAD4-N2(YHHSSTTT	411	180
>SMAD4-N2(YHHNSTTTW	377	>SMAD4-N2(YHHSSTTTW	228	149
>SMAD4-N2(YHHNSTTTW	1122	>SMAD4-N2(YHHSSTTTW	472	650
>SMAD4-N2(YHHNSTTTW	412	>SMAD4-N2(YHHSSTTTW	240	172
>SMAD4-N2(YHHNSTTTW	16	>SMAD4-N2(YHHSSTTTW	28	12
>SMAD4-N2(TYHHNSTTT	423	>SMAD4-N2(TYHHSSTTT	157	266
>SMAD4-N2(TYHHNSTTTV	126	>SMAD4-N2(TYHHSSTTTV	85	41
>SMAD4-N2(TYHHNSTTTV	125	>SMAD4-N2(TYHHSSTTTV	97	28

>SMAD4-N2€TYHHNSTTTV	13	>SMAD4-N2€TYHHSSTTTM	20	7
>SMAD4-N2€ATYHHNSTT	628	>SMAD4-N2€ATYHHSSTT	262	366
>SMAD4-N2€ATYHHNSTTT	405	>SMAD4-N2€ATYHHSSTTT	443	38
>SMAD4-N2€ATYHHNSTTT	8	>SMAD4-N2€ATYHHSSTTT	8	0
>SMAD4-N2€ATYHHNSTTT	576	>SMAD4-N2€ATYHHSSTTT	333	243
>SMAD4-N2€ATYHHNSTTT	161	>SMAD4-N2€ATYHHSSTTT	136	25
>SMAD4-N2€ATYHHNST	1284	>SMAD4-N2€ATYHHSST	176	1108
>SMAD4-N2€ATYHHNSTT	136	>SMAD4-N2€ATYHHSSTT	39	97
>SMAD4-N2€ATYHHNSTTT	115	>SMAD4-N2€ATYHHSSTTT	39	76
>SMAD4-N2€ATYHHNSTTT	3	>SMAD4-N2€ATYHHSSTTT	2	1
>SMAD4-N2€ATYHHNSTTT	73	>SMAD4-N2€ATYHHSSTTT	61	12
>SMAD4-N2€ATYHHNSTTT	15	>SMAD4-N2€ATYHHSSTTT	14	1
>SMAD4-N2€ATYHHNSTT	193	>SMAD4-N2€ATYHHSSTT	171	22
>SMAD4-N2€ATYHHNSTTT	40	>SMAD4-N2€ATYHHSSTTT	36	4
>SMAD4-N2€ATYHHNSTTT	50	>SMAD4-N2€ATYHHSSTTT	45	5
>SMAD4-N2€QPATYHHNS'	448	>SMAD4-N2€QPATYHHSST	238	210
>SMAD4-N3€NVHRTEAIER	391	>SMAD4-N3€DVHRTEAIER	153	238
>SMAD4-N3€NVHRTEAIER	38	>SMAD4-N3€DVHRTEAIER	70	32
>SMAD4-N3€NVHRTEAI	154	>SMAD4-N3€DVHRTEAI	328	174
>SMAD4-N3€NVHRTEAIER	409	>SMAD4-N3€DVHRTEAIER	805	396
>SMAD4-N3€SNVHRTEAI	1021	>SMAD4-N3€SDVHRTEAI	215	806
>SMAD4-N3€SNVHRTEAI	8987	>SMAD4-N3€SDVHRTEAI	430	8557
>SMAD4-N3€SNVHRTEAI	2638	>SMAD4-N3€SDVHRTEAI	39	2599
>SMAD4-N3€LSNVHRTEAI	496	>SMAD4-N3€LSDVHRTEAI	6971	6475
>SMAD4-N3€LSNVHRTEAI	376	>SMAD4-N3€LSDVHRTEAI	513	137
>SMAD4-N3€QLSNVHRT	962	>SMAD4-N3€QLSDVHRT	223	739
>SMAD4-N3€QLSNVHRTEA	353	>SMAD4-N3€QLSDVHRTEA	305	48
>SMAD4-N3€QLSNVHRTEA	64	>SMAD4-N3€QLSDVHRTEA	22	42
>SMAD4-N3€QLSNVHRTEA	502	>SMAD4-N3€QLSDVHRTEA	480	22
>SMAD4-N3€QLSNVHRTEA	108	>SMAD4-N3€QLSDVHRTEA	45	63
>SMAD4-N3€QLSNVHRT	842	>SMAD4-N3€QLSDVHRT	393	449
>SMAD4-N3€QLSNVHRTEA	1127	>SMAD4-N3€QLSDVHRTEA	477	650
>SMAD4-N3€QLSNVHRTEA	78	>SMAD4-N3€QLSDVHRTEA	38	40
>SMAD4-N3€QLSNVHRTEA	408	>SMAD4-N3€QLSDVHRTEA	209	199
>SMAD4-N3€QLSNVHRTEA	1404	>SMAD4-N3€QLSDVHRTEA	441	963
>SMAD4-N3€QLSNVHRT	201	>SMAD4-N3€QLSDVHRT	48	153
>SMAD4-N3€QLSNVHRTEA	160	>SMAD4-N3€QLSDVHRTEA	30	130
>SMAD4-N3€QLSNVHRTEA	442	>SMAD4-N3€QLSDVHRTEA	67	375
>SMAD4-N3€QLSNVHRTEA	27	>SMAD4-N3€QLSDVHRTEA	59	32
>SMAD4-N3€QLSNVHRTEA	1057	>SMAD4-N3€QLSDVHRTEA	474	583
>SMAD4-N3€GQLSNVHRTI	173	>SMAD4-N3€GQLSDVHRTI	138	35
>SMAD4-N3€GQLSNVHR	32	>SMAD4-N3€GQLSDVHR	74	42
>SMAD4-N3€GQLSNVHR	473	>SMAD4-N3€GQLSDVHR	1274	801



>SMAD4-N3€GQLSNVHR	345	>SMAD4-N3€GQLSDVHR	681	336
>SMAD4-N3€CLGQLSNV	112	>SMAD4-N3€CLGQLSDV	481	369
>SMAD4-N3€CLGQLSNV	71	>SMAD4-N3€CLGQLSDV	204	133
>SMAD4-N3€CLGQLSNV	21	>SMAD4-N3€CLGQLSDV	75	54
>SMAD4-N3€CLGQLSNV	46	>SMAD4-N3€CLGQLSDV	135	89
>SMAD4-N3€CLGQLSNV	44	>SMAD4-N3€CLGQLSDV	86	42
>SMAD4-N3€CLGQLSNV	18	>SMAD4-N3€CLGQLSDV	112	94
>SMAD4-N3€CLGQLSNV	5	>SMAD4-N3€CLGQLSDV	8	3
>SMAD4-N3€CLGQLSNVHF	352	>SMAD4-N3€CLGQLSDVHF	494	142
>SMAD4-N3€CLGQLSNVHF	471	>SMAD4-N3€CLGQLSDVHF	858	387
>SMAD4-N3€CLGQLSNVHF	235	>SMAD4-N3€CLGQLSDVHF	392	157
>SMAD4-N3€CLGQLSNVHF	50	>SMAD4-N3€CLGQLSDVHF	60	10
>SMAD4-N3€FCLGQLSNV	139	>SMAD4-N3€FCLGQLSDV	1218	1079
>SMAD4-N3€FCLGQLSNV	35	>SMAD4-N3€FCLGQLSDV	203	168
>SMAD4-N3€FCLGQLSNV	277	>SMAD4-N3€FCLGQLSDV	820	543
>SMAD4-N3€FCLGQLSNV	89	>SMAD4-N3€FCLGQLSDV	237	148
>SMAD4-N3€FCLGQLSNV	10	>SMAD4-N3€FCLGQLSDV	19	9
>SMAD4-N3€FCLGQLSNV	212	>SMAD4-N3€FCLGQLSDV	2021	1809
>SMAD4-N3€FCLGQLSNVH	120	>SMAD4-N3€FCLGQLSDVH	159	39
>SMAD4-N3€RFCLGQLSNV	236	>SMAD4-N3€RFCLGQLSDV	2491	2255
>SMAD4-P10PDLHKNELKH	275	>SMAD4-P10LDLHKNELKH	382	107
>SMAD4-P10WPDHLKNEL	26309	>SMAD4-P10WLDLHKNEL	95	26214
>SMAD4-P10WPDHLKNEL	27577	>SMAD4-P10WLDLHKNEL	169	27408
>SMAD4-P10WPDHLKNEL	25656	>SMAD4-P10WLDLHKNEL	347	25309
>SMAD4-P10WPDHLKNEL	34114	>SMAD4-P10WLDLHKNEL	45	34069
>SMAD4-P10WPDHLKNELI	17250	>SMAD4-P10WLDLHKNELI	467	16783
>SMAD4-P10WPDHLKNEL	60	>SMAD4-P10WLDLHKNEL	12963	12903
>SMAD4-P10WPDHLKNEL	252	>SMAD4-P10WLDLHKNEL	12612	12360
>SMAD4-P10WPDHLKNELI	311	>SMAD4-P10WLDLHKNELI	10516	10205
>SMAD4-P10WPDHLKNEL	241	>SMAD4-P10WLDLHKNEL	3258	3017
>SMAD4-P10WPDHLKNELI	12946	>SMAD4-P10WLDLHKNELI	246	12700
>SMAD4-P10HVIYARLWRV	11033	>SMAD4-P10HVIYARLWRV	54	10979
>SMAD4-P10HVIYARLWRV	13271	>SMAD4-P10HVIYARLWRV	71	13200
>SMAD4-P10RWPDLHKNE	295	>SMAD4-P10RWLDLHKNE	275	20
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>SMAD4-P10RWPDLHKNE	16	>SMAD4-P10RWLDLHKNE	20	4
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>SMAD4-P10RWPDLHKNE	2911	>SMAD4-P10RWLDLHKNE	356	2555
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>SMAD4-P10RWPDLHKNE	24	>SMAD4-P10RWLDLHKNE	16	8
>SMAD4-P10RWPDLHKN	573	>SMAD4-P10RWLDLHKN	200	373
>SMAD4-P10RWPDLHKNE	634	>SMAD4-P10RWLDLHKNE	229	405

>SMAD4-P10 RWPDLHKNE	130	>SMAD4-P10 RWLDLHKNE	102	28
>SMAD4-P10 RWPDLHKNE	448	>SMAD4-P10 RWLDLHKNE	168	280
>SMAD4-P10 WRWPDHLKI	311	>SMAD4-P10 WRWDLHKI	846	535
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>SMAD4-P10 WRWPDHLKI	431	>SMAD4-P10 WRWDLHKI	190	241
>SMAD4-P10 WRWPDHLKI	104	>SMAD4-P10 WRWDLHKI	63	41
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>SMAD4-P10 WRWPDHLK	97	>SMAD4-P10 WRWDLHK	113	16
>SMAD4-P10 WRWPDHLKI	247	>SMAD4-P10 WRWDLHKI	271	24
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>SMAD4-P10 WRWPDHLKI	6	>SMAD4-P10 WRWDLHKI	7	1
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>SMAD4-P10 LWRWPDHLK	89	>SMAD4-P10 LWRWDLHK	41	48
>SMAD4-P10 LWRWPDHL	153	>SMAD4-P10 LWRWDLH	84	69
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>SMAD4-P10 LWRWPDHLK	505	>SMAD4-P10 LWRWDLHK	264	241
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>SMAD4-P10 RLWRWPD	337	>SMAD4-P10 RLWRWDL	204	133
>SMAD4-P10 RLWRWPD	5	>SMAD4-P10 RLWRWDL	6	1
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>SMAD4-P10 RLWRWPDH	111	>SMAD4-P10 RLWRWDLH	162	51
>SMAD4-P10 RLWRWPD	61	>SMAD4-P10 RLWRWDL	56	5
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>SMAD4-P10 RLWRWPDH	1163	>SMAD4-P10 RLWRWDLH	281	882
>SMAD4-P10 RLWRWPDH	1223	>SMAD4-P10 RLWRWDLH	308	915
>SMAD4-P10 RLWRWPD	111	>SMAD4-P10 RLWRWDL	74	37
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>SMAD4-P10 RLWRWPDH	18	>SMAD4-P10 RLWRWDLH	31	13
>SMAD4-P10 RLWRWPDH	104	>SMAD4-P10 RLWRWDLH	101	3
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>SMAD4-P10 ARLWRWPD	63	>SMAD4-P10 ARLWRWDL	31	32
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>SMAD4-P10ARLWRWPD	159	>SMAD4-P10ARLWRWLDL	67	92
>SMAD4-P10YARLWRWP	21767	>SMAD4-P10YARLWRWL	93	21674
>SMAD4-P10YARLWRWP	19668	>SMAD4-P10YARLWRWL	51	19617
>SMAD4-P10YARLWRWPE	96	>SMAD4-P10YARLWRWLD	80	16
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>SMAD4-P10IYARLWRWPI	440	>SMAD4-P10IYARLWRWLI	442	2
>SMAD4-P10IYARLWRWP	20588	>SMAD4-P10IYARLWRWL	54	20534
>SMAD4-P10IYARLWRWPI	346	>SMAD4-P10IYARLWRWLI	203	143
>SMAD4-P10IYARLWRWPI	434	>SMAD4-P10IYARLWRWLI	455	21
>SMAD4-P10IYARLWRWP	1801	>SMAD4-P10IYARLWRWL	54	1747
>SMAD4-P10IYARLWRWPI	41	>SMAD4-P10IYARLWRWLI	34	7
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>SMAD4-P10IYARLWRWPI	78	>SMAD4-P10IYARLWRWLI	59	19
>SMAD4-P10VIYARLWRW	7584	>SMAD4-P10VIYARLWRW	27	7557
>SMAD4-P10VIYARLWRW	18753	>SMAD4-P10VIYARLWRW	274	18479
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>SMAD4-P13NPYHYERV	1947	>SMAD4-P13NSYHYERV	68	1879
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>SMAD4-P13NPYHYERVV	151	>SMAD4-P13NSYHYERVV	23843	23692
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>SMAD4-P13CVNPYHYER\	196	>SMAD4-P13CVNSYHYERV	221	25
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>SMAD4-P13CVNPYHYER	69	>SMAD4-P13CVNSYHYER	85	16
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>SMAD4-P13CVNPYHYER	125	>SMAD4-P13CVNSYHYER	123	2
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>SMAD4-P13VCVNPYHY	369	>SMAD4-P13VCVNSYHY	609	240
>SMAD4-P13VCVNPYHY	153	>SMAD4-P13VCVNSYHY	205	52
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>SMAD4-P13VCVNPYHYEF	146	>SMAD4-P13VCVNSYHYEF	166	20
>SMAD4-P13VCVNPYHY	309	>SMAD4-P13VCVNSYHY	252	57
>SMAD4-P13VCVNPYHYEF	220	>SMAD4-P13VCVNSYHYEF	208	12
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>SMAD4-P13 SVCVNPYHY	175	>SMAD4-P13 SVCVNSYHY	117	58
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>SMAD4-P13 DSVCVNPYH\	149	>SMAD4-P13 DSVCVNSYH\	108	41
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>SMAD4-P13 DSVCVNPY	1222	>SMAD4-P13 DSVCVNSY	391	831
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>SMAD4-P13 CDSVCVNPYH	316	>SMAD4-P13 CDSVCVNSYH	313	3
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>SMAD4-P20 APSESATST	21171	>SMAD4-P20 ALSESATST/	23	21148
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>SMAD4-P20 APSESATST	23384	>SMAD4-P20 ALSESATST/	30	23354
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>SMAD4-P20 APSESATST	305	>SMAD4-P20 ALSESATST/	8102	7797
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>SMAD4-P20 LAPSESAT	2582	>SMAD4-P20 LALSESAT	376	2206
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>SMAD4-P20 LLAPSESNA	88	>SMAD4-P20 LLALSESNA	608	520
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>SMAD4-P20 ALLAPSESNA	208	>SMAD4-P20 ALLALSESNA	216	8
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>SMAD4-P20 YSTPALLAP	5136	>SMAD4-P20 YSTPALLAL	41	5095
>SMAD4-P20 YSTPALLAP	7061	>SMAD4-P20 YSTPALLAL	324	6737
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>SMAD4-P20 YSTPALLAP	18584	>SMAD4-P20 YSTPALLAL	431	18153
>SMAD4-P20 YSTPALLAP	1259	>SMAD4-P20 YSTPALLAL	10	1249
>SMAD4-P20 YSTPALLAPS	297	>SMAD4-P20 YSTPALLALS	77	220
>SMAD4-P20 YSTPALLAP	13483	>SMAD4-P20 YSTPALLAL	254	13229
>SMAD4-P20 YSTPALLAP	24068	>SMAD4-P20 YSTPALLAL	122	23946
>SMAD4-P20 TYSTPALLAP	32251	>SMAD4-P20 TYSTPALLAL	425	31826
>SMAD4-P20 TYSTPALLAP	22030	>SMAD4-P20 TYSTPALLAL	222	21808
>SMAD4-P20 TYSTPALLAP	8529	>SMAD4-P20 TYSTPALLAL	23	8506
>SMAD4-P20 TYSTPALLAP	21620	>SMAD4-P20 TYSTPALLAL	349	21271
>SMAD4-P20 TYSTPALLAP	7872	>SMAD4-P20 TYSTPALLAL	112	7760
>SMAD4-P20 TYSTPALLAP	11667	>SMAD4-P20 TYSTPALLAL	138	11529
>SMAD4-P35 DPSGGDRFCL	22516	>SMAD4-P35 DLSGGDRFCL	218	22298
>SMAD4-P35 DPSGGDRFCL	22038	>SMAD4-P35 DLSGGDRFCL	442	21596
>SMAD4-P35 DPSGGDRFCL	34315	>SMAD4-P35 DLSGGDRFCL	137	34178
>SMAD4-P35 DPSGGDRF	6279	>SMAD4-P35 DLSGGDRF	481	5798
>SMAD4-P35 DPSGGDRF	107	>SMAD4-P35 DLSGGDRF	2055	1948

>SMAD4-P35 VDPSGGDRF	4305	>SMAD4-P35 VDLSSGGDRF	288	4017
>SMAD4-P35 YVDPSGGDRF	447	>SMAD4-P35 YVDLSSGGDRF	955	508
>SMAD4-P35 YVDPSGGDRF	41	>SMAD4-P35 YVDLSSGGDRF	318	277
>SMAD4-P35 GYVDPSGGD	321	>SMAD4-P35 GYVDLSSGGDI	136	185
>SMAD4-P35 GYVDPSGGD	34	>SMAD4-P35 GYVDLSSGGDI	23	11
>SMAD4-P35 VTVDGYVDP	10837	>SMAD4-P35 VTVDGYVDL	321	10516
>SMAD4-P35 VTVDGYVDP	28804	>SMAD4-P35 VTVDGYVDL	422	28382
>SMAD4-P35 VTVDGYVDP	16787	>SMAD4-P35 VTVDGYVDL	21	16766
>SMAD4-P55 PIADPQPL	440	>SMAD4-P55 PIADPQSL	263	177
>SMAD4-P55 MPIADPQPL	763	>SMAD4-P55 MPIADPQSL	85	678
>SMAD4-P55 MPIADPQPL	25	>SMAD4-P55 MPIADPQSL	43	18
>SMAD4-P55 MPIADPQP	793	>SMAD4-P55 MPIADPQS	94	699
>SMAD4-P55 MPIADPQPL	12	>SMAD4-P55 MPIADPQSL	23	11
>SMAD4-P55 MPIADPQPL	11	>SMAD4-P55 MPIADPQSL	16	5
>SMAD4-P55 MPIADPQPL	69	>SMAD4-P55 MPIADPQSL	32	37
>SMAD4-P55 MPIADPQP	105	>SMAD4-P55 MPIADPQS	62	43
>SMAD4-P55 TMPIADPQPI	144	>SMAD4-P55 TMPIADPQSL	213	69
>SMAD4-P55 TMPIADPQPI	319	>SMAD4-P55 TMPIADPQSL	240	79
>SMAD4-P55 TMPIADPQPI	125	>SMAD4-P55 TMPIADPQSL	134	9
>SMAD4-P55 TMPIADPQPI	113	>SMAD4-P55 TMPIADPQSL	156	43
>SMAD4-P55 TMPIADPQPI	55	>SMAD4-P55 TMPIADPQSL	32	23
>SMAD4-P55 HTMPIADPQI	44	>SMAD4-P55 HTMPIADPQI	54	10
>SMAD4-P55 HTMPIADPQI	231	>SMAD4-P55 HTMPIADPQI	425	194
>SMAD4-P55 HTMPIADPQI	472	>SMAD4-P55 HTMPIADPQI	862	390
>SMAD4-P55 HTMPIADPQI	57	>SMAD4-P55 HTMPIADPQI	44	13
>SMAD4-P55 HTMPIADPQI	8	>SMAD4-P55 HTMPIADPQI	13	5
>SMAD4-P55 HTMPIADPQI	24	>SMAD4-P55 HTMPIADPQI	55	31
>SMAD4-P55 HTMPIADPQI	7	>SMAD4-P55 HTMPIADPQI	8	1
>SMAD4-P55 HTMPIADPQI	77	>SMAD4-P55 HTMPIADPQI	129	52
>SMAD4-P55 HTMPIADPQI	497	>SMAD4-P55 HTMPIADPQI	375	122
>SMAD4-P55 HTMPIADPQI	992	>SMAD4-P55 HTMPIADPQI	262	730
>SMAD4-P55 HTMPIADPQI	153	>SMAD4-P55 HTMPIADPQI	61	92
>SMAD4-R1C RWPD LHKNE	295	>SMAD4-R1C TWPDLHKNE	848	553
>SMAD4-R1C RWPD LHKNE	318	>SMAD4-R1C TWPDLHKNE	597	279
>SMAD4-R1C RWPD LHKNE	16	>SMAD4-R1C TWPDLHKNE	92	76
>SMAD4-R1C RWPD LHKNE	24	>SMAD4-R1C TWPDLHKNE	91	67
>SMAD4-R1C RWPD LHKNE	130	>SMAD4-R1C TWPDLHKNE	354	224
>SMAD4-R1C RWPD LHKNE	448	>SMAD4-R1C TWPDLHKNE	910	462
>SMAD4-R1C WRWPD LHKI	17381	>SMAD4-R1C WTWPD LHKI	478	16903
>SMAD4-R1C WRWPD LHKI	9588	>SMAD4-R1C WTWPD LHKI	407	9181
>SMAD4-R1C WRWPD LHKI	6657	>SMAD4-R1C WTWPD LHKI	214	6443
>SMAD4-R1C WRWPD LHKI	9081	>SMAD4-R1C WTWPD LHKI	207	8874
>SMAD4-R1C WRWPD LHKI	3774	>SMAD4-R1C WTWPD LHKI	228	3546

>SMAD4-R1C WRWPDLHKI	19526	>SMAD4-R1C WTWPDLHKI	108	19418
>SMAD4-R1C WRWPDLHKI	15269	>SMAD4-R1C WTWPDLHKI	64	15205
>SMAD4-R1C WRWPDLHKI	311	>SMAD4-R1C WTWPDLHKI	1760	1449
>SMAD4-R1C WRWPDLHKI	24999	>SMAD4-R1C WTWPDLHKI	58	24941
>SMAD4-R1C WRWPDLHK	40	>SMAD4-R1C WTWPDLHK	11617	11577
>SMAD4-R1C WRWPDLHKI	267	>SMAD4-R1C WTWPDLHKI	19006	18739
>SMAD4-R1C WRWPDLHKI	431	>SMAD4-R1C WTWPDLHKI	28890	28459
>SMAD4-R1C WRWPDLHKI	104	>SMAD4-R1C WTWPDLHKI	16976	16872
>SMAD4-R1C WRWPDLHKI	261	>SMAD4-R1C WTWPDLHKI	9262	9001
>SMAD4-R1C WRWPDLHKI	310	>SMAD4-R1C WTWPDLHKI	14049	13739
>SMAD4-R1C WRWPDLHKI	13975	>SMAD4-R1C WTWPDLHKI	206	13769
>SMAD4-R1C WRWPDLHK	97	>SMAD4-R1C WTWPDLHK	15645	15548
>SMAD4-R1C WRWPDLHKI	247	>SMAD4-R1C WTWPDLHKI	13230	12983
>SMAD4-R1C WRWPDLHKI	427	>SMAD4-R1C WTWPDLHKI	29845	29418
>SMAD4-R1C WRWPDLHKI	6	>SMAD4-R1C WTWPDLHKI	5039	5033
>SMAD4-R1C WRWPDLHKI	11066	>SMAD4-R1C WTWPDLHKI	338	10728
>SMAD4-R1C FPHVIYARLW	129	>SMAD4-R1C FPHVIYARLW	31686	31557
>SMAD4-R1C FPHVIYARLW	599	>SMAD4-R1C FPHVIYARLW	53	546
>SMAD4-R1C LWRWPDLHK	80	>SMAD4-R1C LWTWPDLHK	9866	9786
>SMAD4-R1C LWRWPDLHK	89	>SMAD4-R1C LWTWPDLHK	79	10
>SMAD4-R1C LWRWPDLH	153	>SMAD4-R1C LWTWPDLH	113	40
>SMAD4-R1C LWRWPDLHK	594	>SMAD4-R1C LWTWPDLHK	458	136
>SMAD4-R1C LWRWPDLHK	505	>SMAD4-R1C LWTWPDLHK	376	129
>SMAD4-R1C RLWRWPDL	25	>SMAD4-R1C RLWTWPDL	16	9
>SMAD4-R1C RLWRWPDL	337	>SMAD4-R1C RLWTWPDL	254	83
>SMAD4-R1C RLWRWPDL	5	>SMAD4-R1C RLWTWPDL	5	0
>SMAD4-R1C RLWRWPDLF	410	>SMAD4-R1C RLWTWPDLF	542	132
>SMAD4-R1C RLWRWPDLF	111	>SMAD4-R1C RLWTWPDLF	159	48
>SMAD4-R1C RLWRWPDL	61	>SMAD4-R1C RLWTWPDL	49	12
>SMAD4-R1C RLWRWPDL	8	>SMAD4-R1C RLWTWPDL	7	1
>SMAD4-R1C RLWRWPDL	48	>SMAD4-R1C RLWTWPDL	21	27
>SMAD4-R1C RLWRWPDL	9	>SMAD4-R1C RLWTWPDL	9	0
>SMAD4-R1C RLWRWPDLF	24	>SMAD4-R1C RLWTWPDLF	19	5
>SMAD4-R1C RLWRWPDLF	164	>SMAD4-R1C RLWTWPDLF	78	86
>SMAD4-R1C RLWRWPDLF	184	>SMAD4-R1C RLWTWPDLF	400	216
>SMAD4-R1C RLWRWPDL	111	>SMAD4-R1C RLWTWPDL	118	7
>SMAD4-R1C RLWRWPDL	301	>SMAD4-R1C RLWTWPDL	254	47
>SMAD4-R1C RLWRWPDL	198	>SMAD4-R1C RLWTWPDL	230	32
>SMAD4-R1C RLWRWPDLF	18	>SMAD4-R1C RLWTWPDLF	21	3
>SMAD4-R1C RLWRWPDLF	104	>SMAD4-R1C RLWTWPDLF	55	49
>SMAD4-R1C ARLWRWPDL	134	>SMAD4-R1C ARLWTWPDL	194	60
>SMAD4-R1C ARLWRWPDL	64	>SMAD4-R1C ARLWTWPDL	96	32
>SMAD4-R1C ARLWRWPDL	50	>SMAD4-R1C ARLWTWPDL	58	8



>SMAD4-R1C ARLWRWPDI	1278	>SMAD4-R1C ARLWTWPDI	243	1035
>SMAD4-R1C ARLWRWPDI	63	>SMAD4-R1C ARLWTWPDI	63	0
>SMAD4-R1C ARLWRWPDI	12	>SMAD4-R1C ARLWTWPDI	20	8
>SMAD4-R1C ARLWRWPDI	159	>SMAD4-R1C ARLWTWPDI	261	102
>SMAD4-R1C YARLWRWPC	96	>SMAD4-R1C YARLWTWPC	47	49
>SMAD4-R1C IYARLWRWPI	440	>SMAD4-R1C IYARLWTWPI	599	159
>SMAD4-R1C IYARLWRWPI	346	>SMAD4-R1C IYARLWTWPI	111	235
>SMAD4-R1C IYARLWRW	53	>SMAD4-R1C IYARLWTW	43	10
>SMAD4-R1C IYARLWRWPI	434	>SMAD4-R1C IYARLWTWPI	236	198
>SMAD4-R1C IYARLWRW	19	>SMAD4-R1C IYARLWTW	13	6
>SMAD4-R1C IYARLWRWPI	41	>SMAD4-R1C IYARLWTWPI	43	2
>SMAD4-R1C IYARLWRW	27	>SMAD4-R1C IYARLWTW	15	12
>SMAD4-R1C IYARLWRWPI	78	>SMAD4-R1C IYARLWTWPI	61	17
>SMAD4-R1C IYARLWRW	257	>SMAD4-R1C IYARLWTW	110	147
>SMAD4-R1C VIYARLWR	14199	>SMAD4-R1C VIYARLWT	418	13781
>SMAD4-R1C VIYARLWR	66	>SMAD4-R1C VIYARLWT	9136	9070
>SMAD4-R1C VIYARLWR	108	>SMAD4-R1C VIYARLWT	19491	19383
>SMAD4-R1C VIYARLWR	24	>SMAD4-R1C VIYARLWT	15905	15881
>SMAD4-R1C VIYARLWRW	2320	>SMAD4-R1C VIYARLWTW	116	2204
>SMAD4-R1C VIYARLWR	124	>SMAD4-R1C VIYARLWT	23813	23689
>SMAD4-R1C VIYARLWR	94	>SMAD4-R1C VIYARLWT	26855	26761
>SMAD4-R1C VIYARLWRW	25	>SMAD4-R1C VIYARLWTW	17	8
>SMAD4-R1C VIYARLWRW	63	>SMAD4-R1C VIYARLWTW	52	11
>SMAD4-R1C VIYARLWRW	15	>SMAD4-R1C VIYARLWTW	13	2
>SMAD4-R1C VIYARLWR	82	>SMAD4-R1C VIYARLWT	23820	23738
>SMAD4-R1C HVIYARLWRV	322	>SMAD4-R1C HVIYARLWTV	326	4
>SMAD4-R1C HVIYARLWR	441	>SMAD4-R1C HVIYARLWT	2541	2100
>SMAD4-R1C HVIYARLWR	25	>SMAD4-R1C HVIYARLWT	16879	16854
>SMAD4-R1C HVIYARLWRV	1677	>SMAD4-R1C HVIYARLWTV	177	1500
>SMAD4-R1C HVIYARLWR	36	>SMAD4-R1C HVIYARLWT	18793	18757
>SMAD4-R1C HVIYARLWR	4	>SMAD4-R1C HVIYARLWT	4606	4602
>SMAD4-R1C HVIYARLWRV	133	>SMAD4-R1C HVIYARLWTV	91	42
>SMAD4-R1C HVIYARLWRV	69	>SMAD4-R1C HVIYARLWTV	59	10
>SMAD4-R1C HVIYARLWRV	20	>SMAD4-R1C HVIYARLWTV	18	2
>SMAD4-R1C HVIYARLWR	168	>SMAD4-R1C HVIYARLWT	24766	24598
>SMAD4-R1C PHVIYARLWF	599	>SMAD4-R1C PHVIYARLWT	344	255
>SMAD4-R3€ RFCLGQLSNV	236	>SMAD4-R3€ CFCLGQLSNV	1950	1714
>SMAD4-R3€ DRFCLGQLSN	3434	>SMAD4-R3€ DCFCLGQLSN	201	3233
>SMAD4-R3€ DRFCLGQLSN	11960	>SMAD4-R3€ DCFCLGQLSN	367	11593
>SMAD4-R3€ DRFCLGQL	469	>SMAD4-R3€ DCFCLGQL	26371	25902
>SMAD4-R3€ GDRFCLGQL	454	>SMAD4-R3€ GDCFCLGQL	2627	2173
>SMAD4-R3€ GDRFCLGQL	307	>SMAD4-R3€ GDCFCLGQL	777	470
>SMAD4-R3€ DPSGGDRF	107	>SMAD4-R3€ DPSGGDCF	61	46

>SMAD4-R3€ DPSGGDRF	680	>SMAD4-R3€ DPSGGDCF	465	215
>SMAD4-R3€ YVDPSGGDRI	2132	>SMAD4-R3€ YVDPSGGDCI	356	1776
>SMAD4-R3€ YVDPSGGDRI	1633	>SMAD4-R3€ YVDPSGGDCI	491	1142
>SMAD4-R3€ YVDPSGGDRI	447	>SMAD4-R3€ YVDPSGGDCI	418	29
>SMAD4-R3€ YVDPSGGDRI	41	>SMAD4-R3€ YVDPSGGDCI	396	355
>SMAD4-R3€ GYVDPSGGD	321	>SMAD4-R3€ GYVDPSGGD	558	237
>SMAD4-R3€ GYVDPSGGD	34	>SMAD4-R3€ GYVDPSGGD	90	56
>SMAD4-R3€ RFCLGQLSNV	236	>SMAD4-R3€ HFCLGQLSNV	1301	1065
>SMAD4-R3€ DRFCLGQL	469	>SMAD4-R3€ DHFCLGQL	23715	23246
>SMAD4-R3€ GDRFCLGQL	506	>SMAD4-R3€ GDHFCLGQL	260	246
>SMAD4-R3€ GDRFCLGQL	454	>SMAD4-R3€ GDHFCLGQL	2631	2177
>SMAD4-R3€ GDRFCLGQL	307	>SMAD4-R3€ GDHFCLGQL	227	80
>SMAD4-R3€ DPSGGDRF	107	>SMAD4-R3€ DPSGGDHF	156	49
>SMAD4-R3€ DPSGGDRF	680	>SMAD4-R3€ DPSGGDHF	456	224
>SMAD4-R3€ YVDPSGGDRI	2132	>SMAD4-R3€ YVDPSGGDH	273	1859
>SMAD4-R3€ YVDPSGGDRI	1633	>SMAD4-R3€ YVDPSGGDH	438	1195
>SMAD4-R3€ YVDPSGGDRI	5805	>SMAD4-R3€ YVDPSGGDH	402	5403
>SMAD4-R3€ YVDPSGGDRI	2140	>SMAD4-R3€ YVDPSGGDH	442	1698
>SMAD4-R3€ YVDPSGGDRI	447	>SMAD4-R3€ YVDPSGGDH	506	59
>SMAD4-R3€ YVDPSGGDRI	41	>SMAD4-R3€ YVDPSGGDH	78	37
>SMAD4-R3€ GYVDPSGGD	321	>SMAD4-R3€ GYVDPSGGD	251	70
>SMAD4-R3€ GYVDPSGGD	34	>SMAD4-R3€ GYVDPSGGD	22	12
>SMAD4-R3€ RFCLGQLSNV	1077	>SMAD4-R3€ SFCLGQLSNV	458	619
>SMAD4-R3€ RFCLGQLSNV	236	>SMAD4-R3€ SFCLGQLSNV	261	25
>SMAD4-R3€ DRFCLGQL	14711	>SMAD4-R3€ DSFCLGQL	339	14372
>SMAD4-R3€ DRFCLGQLSN	3434	>SMAD4-R3€ DSFCLGQLSN	28	3406
>SMAD4-R3€ DRFCLGQLSN	11960	>SMAD4-R3€ DSFCLGQLSN	123	11837
>SMAD4-R3€ DRFCLGQL	469	>SMAD4-R3€ DSFCLGQL	23273	22804
>SMAD4-R3€ GDRFCLGQL	454	>SMAD4-R3€ GDSFCLGQL	1431	977
>SMAD4-R3€ GDRFCLGQL	307	>SMAD4-R3€ GDSFCLGQL	511	204
>SMAD4-R3€ DPSGGDRF	107	>SMAD4-R3€ DPSGGDSF	46	61
>SMAD4-R3€ DPSGGDRF	680	>SMAD4-R3€ DPSGGDSF	495	185
>SMAD4-R3€ YVDPSGGDRI	2140	>SMAD4-R3€ YVDPSGGDSF	431	1709
>SMAD4-R3€ YVDPSGGDRI	447	>SMAD4-R3€ YVDPSGGDSF	183	264
>SMAD4-R3€ YVDPSGGDRI	41	>SMAD4-R3€ YVDPSGGDSF	46	5
>SMAD4-R3€ GYVDPSGGD	321	>SMAD4-R3€ GYVDPSGGD	712	391
>SMAD4-R3€ GYVDPSGGD	34	>SMAD4-R3€ GYVDPSGGD	22	12
>SMAD4-R41 REAGRAPGD,	1064	>SMAD4-R41 SEAGRAPGD,	270	794
>SMAD4-R41 REAGRAPGD,	17	>SMAD4-R41 SEAGRAPGD,	120	103
>SMAD4-R41 REAGRAPGD,	395	>SMAD4-R41 SEAGRAPGD,	193	202
>SMAD4-R41 REAGRAPGD,	57	>SMAD4-R41 SEAGRAPGD,	30	27
>SMAD4-R41 REAGRAPGD,	34	>SMAD4-R41 SEAGRAPGD,	245	211
>SMAD4-R41 AVFVQSYLD	47	>SMAD4-R41 AVFVQSYLD	6519	6472

>SMAD4-R41AVFVQSYILD	34	>SMAD4-R41AVFVQSYILD	11418	11384
>SMAD4-R41AVFVQSYILD	69	>SMAD4-R41AVFVQSYILD	23969	23900
>SMAD4-R41AVFVQSYILD	81	>SMAD4-R41AVFVQSYILD	1040	959
>SMAD4-R41YLDREAGRA	1910	>SMAD4-R41YLDSEAGRA	487	1423
>SMAD4-R41YLDREAGRA	606	>SMAD4-R41YLDSEAGRA	197	409
>SMAD4-R41YLDREAGRA	32	>SMAD4-R41YLDSEAGRA	18	14
>SMAD4-R41YLDREAGRA	289	>SMAD4-R41YLDSEAGRA	200	89
>SMAD4-R41YLDREAGRA	167	>SMAD4-R41YLDSEAGRA	87	80
>SMAD4-R41YLDREAGRA	1766	>SMAD4-R41YLDSEAGRA	415	1351
>SMAD4-R41YLDREAGRA	18	>SMAD4-R41YLDSEAGRA	15	3
>SMAD4-R41YLDREAGR	728	>SMAD4-R41YLDSEAGR	318	410
>SMAD4-R41YYLDREAGR	195	>SMAD4-R41YYLDSEAGR	513	318
>SMAD4-R41YYLDREAGR	21	>SMAD4-R41YYLDSEAGR	67	46
>SMAD4-R41YYLDREAGR	366	>SMAD4-R41YYLDSEAGR	160	206
>SMAD4-R41YYLDREAGR	39	>SMAD4-R41YYLDSEAGR	48	9
>SMAD4-R41SYILDREAGR	78	>SMAD4-R41SYILDSEAGR	96	18
>SMAD4-R41SYILDREAGR	203	>SMAD4-R41SYILDSEAGR	176	27
>SMAD4-R41SYILDREAGR	51	>SMAD4-R41SYILDSEAGR	49	2
>SMAD4-R41QSYILDREAG	131	>SMAD4-R41QSYILDSEAG	125	6
>SMAD4-R41QSYILDREAG	457	>SMAD4-R41QSYILDSEAG	540	83
>SMAD4-R41QSYILDREAG	18	>SMAD4-R41QSYILDSEAG	8	10
>SMAD4-R41QSYILDREA	2099	>SMAD4-R41QSYILDSEA	233	1866
>SMAD4-R41FVQSYILDRE	760	>SMAD4-R41FVQSYILDSE	259	501
>SMAD4-R41FVQSYILDRE	991	>SMAD4-R41FVQSYILDSE	240	751
>SMAD4-R41FVQSYILDRE	537	>SMAD4-R41FVQSYILDSE	141	396
>SMAD4-R41FVQSYILDRE	800	>SMAD4-R41FVQSYILDSE	205	595
>SMAD4-R41FVQSYILDRE	1766	>SMAD4-R41FVQSYILDSE	398	1368
>SMAD4-R41FVQSYILDR	112	>SMAD4-R41FVQSYILDS	25544	25432
>SMAD4-R41VFVQSYILDR	232	>SMAD4-R41VFVQSYILDS	21781	21549
>SMAD4-R41VFVQSYILDR	327	>SMAD4-R41VFVQSYILDS	20668	20341
>SMAD4-R41VFVQSYILDR	85	>SMAD4-R41VFVQSYILDS	20450	20365
>SMAD4-R42RAPGDAVHK	3202	>SMAD4-R42HAPGDAVHK	339	2863
>SMAD4-R42RAPGDAVHK	30	>SMAD4-R42HAPGDAVHK	165	135
>SMAD4-R42GRAPGDAVH	290	>SMAD4-R42GHAPGDAVH	20769	20479
>SMAD4-R42GRAPGDAVH	188	>SMAD4-R42GHAPGDAVH	19084	18896
>SMAD4-R42QSYILDREAG	131	>SMAD4-R42QSYILDREAG	11630	11499
>SMAD4-R42QSYILDREAG	457	>SMAD4-R42QSYILDREAG	27296	26839
>SMAD4-R42QSYILDREAG	18	>SMAD4-R42QSYILDREAG	3980	3962
>SMAD4-R42AGRAPGDAV	27	>SMAD4-R42AGHAPGDAV	222	195
>SMAD4-R42EAGRAPGDA	347	>SMAD4-R42EAGHAPGDA	276	71
>SMAD4-R42EAGRAPGDA	159	>SMAD4-R42EAGHAPGDA	146	13
>SMAD4-R42REAGRAPGD	17	>SMAD4-R42REAGHAPGD	9	8
>SMAD4-R42REAGRAPGD	759	>SMAD4-R42REAGHAPGD	425	334

>SMAD4-R42 REAGRAPG	1107	>SMAD4-R42 REAGHAPG	376	731
>SMAD4-R42 REAGRAPGD,	395	>SMAD4-R42 REAGHAPGD	276	119
>SMAD4-R42 REAGRAPGD,	57	>SMAD4-R42 REAGHAPGD	34	23
>SMAD4-R42 REAGRAPGD,	1945	>SMAD4-R42 REAGHAPGD	443	1502
>SMAD4-R42 REAGRAPGD,	34	>SMAD4-R42 REAGHAPGD	23	11
>SMAD4-R42 YLDREAGRA	606	>SMAD4-R42 YLDREAGHA	455	151
>SMAD4-R42 YLDREAGRA	32	>SMAD4-R42 YLDREAGHA	52	20
>SMAD4-R42 YLDREAGRAF	1606	>SMAD4-R42 YLDREAGHAF	497	1109
>SMAD4-R42 YLDREAGRA	289	>SMAD4-R42 YLDREAGHA	81	208
>SMAD4-R42 YLDREAGRA	167	>SMAD4-R42 YLDREAGHA	44	123
>SMAD4-R42 YLDREAGRA	18	>SMAD4-R42 YLDREAGHA	29	11
>SMAD4-R42 YYLDREAGR	195	>SMAD4-R42 YYLDREAGH	13565	13370
>SMAD4-R42 YYLDREAGR	21	>SMAD4-R42 YYLDREAGH	6674	6653
>SMAD4-R42 YYLDREAGR	366	>SMAD4-R42 YYLDREAGH	22602	22236
>SMAD4-R42 YYLDREAGR	39	>SMAD4-R42 YYLDREAGH	8181	8142
>SMAD4-R42 SYLDREAGR	78	>SMAD4-R42 SYLDREAGH	7239	7161
>SMAD4-R42 SYLDREAGR	203	>SMAD4-R42 SYLDREAGH	10591	10388
>SMAD4-R42 SYLDREAGR	51	>SMAD4-R42 SYLDREAGH	13512	13461
>SMAD4-R44 LRQCHRQM	438	>SMAD4-R44 LCQCHRQM	6775	6337
>SMAD4-R44 LRQCHRQM	153	>SMAD4-R44 LCQCHRQM	22376	22223
>SMAD4-R44 LRQCHRQM	276	>SMAD4-R44 LCQCHRQM	15354	15078
>SMAD4-R44 PSAYIKVFDL	44	>SMAD4-R44 PSAYIKVFDLC	30865	30821
>SMAD4-R44 FDLRQCHR	1396	>SMAD4-R44 FDLCQCHR	396	1000
>SMAD4-R44 VFDLRQCHR	182	>SMAD4-R44 VFDLCQCHR	185	3
>SMAD4-R44 VFDLRQCHR	66	>SMAD4-R44 VFDLCQCHR	146	80
>SMAD4-R44 VFDLRQCHR	158	>SMAD4-R44 VFDLCQCHR	50	108
>SMAD4-R44 KVFDLRQC	2573	>SMAD4-R44 KVFDLCQC	365	2208
>SMAD4-R44 KVFDLRQC	1587	>SMAD4-R44 KVFDLCQC	356	1231
>SMAD4-R44 KVFDLRQCHF	423	>SMAD4-R44 KVFDLCQCHF	455	32
>SMAD4-R44 KVFDLRQCHF	76	>SMAD4-R44 KVFDLCQCHF	409	333
>SMAD4-R44 KVFDLRQCH	324	>SMAD4-R44 KVFDLCQCH	930	606
>SMAD4-R44 KVFDLRQCHF	7	>SMAD4-R44 KVFDLCQCHF	8	1
>SMAD4-R44 KVFDLRQCHF	92	>SMAD4-R44 KVFDLCQCHF	193	101
>SMAD4-R44 KVFDLRQCHF	57	>SMAD4-R44 KVFDLCQCHF	40	17
>SMAD4-R44 KVFDLRQCHF	14	>SMAD4-R44 KVFDLCQCHF	14	0
>SMAD4-R44 IKVFDLRQCH	1234	>SMAD4-R44 IKVFDLCQCH	437	797
>SMAD4-R44 YIKVFDLR	51	>SMAD4-R44 YIKVFDLC	20730	20679
>SMAD4-R44 YIKVFDLR	74	>SMAD4-R44 YIKVFDLC	28831	28757
>SMAD4-R44 YIKVFDLR	12	>SMAD4-R44 YIKVFDLC	29504	29492
>SMAD4-R44 YIKVFDLR	143	>SMAD4-R44 YIKVFDLC	35539	35396
>SMAD4-R44 AYIKVFDLR	184	>SMAD4-R44 AYIKVFDLC	186	2
>SMAD4-R44 AYIKVFDLRQ	405	>SMAD4-R44 AYIKVFDLCQ	359	46
>SMAD4-R44 AYIKVFDLR	37	>SMAD4-R44 AYIKVFDLC	18461	18424

>SMAD4-R44AYIKVFDLR	135	>SMAD4-R44AYIKVFDLC	34414	34279
>SMAD4-R44AYIKVFDLR	180	>SMAD4-R44AYIKVFDLC	39474	39294
>SMAD4-R44AYIKVFDLR	371	>SMAD4-R44AYIKVFDLC	19022	18651
>SMAD4-R44AYIKVFDLR	62	>SMAD4-R44AYIKVFDLC	34995	34933
>SMAD4-R44AYIKVFDLR	2287	>SMAD4-R44AYIKVFDLC	479	1808
>SMAD4-R44SAYIKVFDLR	309	>SMAD4-R44SAYIKVFDLC	32941	32632
>SMAD4-R44SAYIKVFDLR	44	>SMAD4-R44SAYIKVFDLC	17401	17357
>SMAD4-R44SAYIKVFDLR	209	>SMAD4-R44SAYIKVFDLC	24615	24406
>SMAD4-R44SAYIKVFDLR	18	>SMAD4-R44SAYIKVFDLC	28875	28857
>SMAD4-R44SAYIKVFDLR	194	>SMAD4-R44SAYIKVFDLC	12591	12397
>SMAD4-R44SAYIKVFDLR	406	>SMAD4-R44SAYIKVFDLC	36640	36234
>SMAD4-R44LRQCHRQM	31280	>SMAD4-R44LPQCHRQM	377	30903
>SMAD4-R44LRQCHRQM	18637	>SMAD4-R44LPQCHRQM	19	18618
>SMAD4-R44LRQCHRQM	2484	>SMAD4-R44LPQCHRQM	340	2144
>SMAD4-R44LRQCHRQM	438	>SMAD4-R44LPQCHRQM	6713	6275
>SMAD4-R44LRQCHRQM	153	>SMAD4-R44LPQCHRQM	22067	21914
>SMAD4-R44LRQCHRQM	19828	>SMAD4-R44LPQCHRQM	60	19768
>SMAD4-R44LRQCHRQMC	37675	>SMAD4-R44LPQCHRQMC	376	37299
>SMAD4-R44LRQCHRQMC	29842	>SMAD4-R44LPQCHRQMC	257	29585
>SMAD4-R44LRQCHRQM	276	>SMAD4-R44LPQCHRQM	15370	15094
>SMAD4-R44PSAYIKVFDLF	44	>SMAD4-R44PSAYIKVFDLF	25713	25669
>SMAD4-R44VFDLRQCHR	182	>SMAD4-R44VFDLPQCHR	652	470
>SMAD4-R44VFDLRQCHR	66	>SMAD4-R44VFDLPQCHR	256	190
>SMAD4-R44VFDLRQCHR	158	>SMAD4-R44VFDLPQCHR	255	97
>SMAD4-R44KVFDLRQC	2573	>SMAD4-R44KVFDLPQC	422	2151
>SMAD4-R44KVFDLRQC	1587	>SMAD4-R44KVFDLPQC	188	1399
>SMAD4-R44KVFDLRQCHF	423	>SMAD4-R44KVFDLPQCHF	420	3
>SMAD4-R44KVFDLRQCHF	76	>SMAD4-R44KVFDLPQCHF	173	97
>SMAD4-R44KVFDLRQCH	324	>SMAD4-R44KVFDLPQCH	1710	1386
>SMAD4-R44KVFDLRQCHF	7	>SMAD4-R44KVFDLPQCHF	30	23
>SMAD4-R44KVFDLRQCHF	92	>SMAD4-R44KVFDLPQCHF	77	15
>SMAD4-R44KVFDLRQCHF	57	>SMAD4-R44KVFDLPQCHF	48	9
>SMAD4-R44KVFDLRQCHF	14	>SMAD4-R44KVFDLPQCHF	14	0
>SMAD4-R44YIKVFDLR	51	>SMAD4-R44YIKVFDLP	21188	21137
>SMAD4-R44YIKVFDLR	74	>SMAD4-R44YIKVFDLP	27116	27042
>SMAD4-R44YIKVFDLR	12	>SMAD4-R44YIKVFDLP	23640	23628
>SMAD4-R44YIKVFDLR	143	>SMAD4-R44YIKVFDLP	33996	33853
>SMAD4-R44AYIKVFDLR	184	>SMAD4-R44AYIKVFDLP	623	439
>SMAD4-R44AYIKVFDLRQI	405	>SMAD4-R44AYIKVFDLPQI	240	165
>SMAD4-R44AYIKVFDLR	37	>SMAD4-R44AYIKVFDLP	18574	18537
>SMAD4-R44AYIKVFDLR	135	>SMAD4-R44AYIKVFDLP	33619	33484
>SMAD4-R44AYIKVFDLR	180	>SMAD4-R44AYIKVFDLP	36083	35903
>SMAD4-R44AYIKVFDLR	371	>SMAD4-R44AYIKVFDLP	14023	13652

>SMAD4-R44AYIKVFDLR	62	>SMAD4-R44AYIKVFDLP	32168	32106
>SMAD4-R44SAYIKVFDLR	309	>SMAD4-R44SAYIKVFDLP	29561	29252
>SMAD4-R44SAYIKVFDLR	44	>SMAD4-R44SAYIKVFDLP	21525	21481
>SMAD4-R44SAYIKVFDLR	209	>SMAD4-R44SAYIKVFDLP	26298	26089
>SMAD4-R44SAYIKVFDLR	18	>SMAD4-R44SAYIKVFDLP	24988	24970
>SMAD4-R44SAYIKVFDLR	194	>SMAD4-R44SAYIKVFDLP	9189	8995
>SMAD4-R44SAYIKVFDLR	406	>SMAD4-R44SAYIKVFDLP	35346	34940
>SMAD4-R49RRLCILRMSF\	1648	>SMAD4-R49HRLCILRMSF\	492	1156
>SMAD4-R49RRLCILRMSF	471	>SMAD4-R49HRLCILRMSF	5349	4878
>SMAD4-R49RRLCILRM	117	>SMAD4-R49HRLCILRM	713	596
>SMAD4-R49RRLCILRMSF	4	>SMAD4-R49HRLCILRMSF	13	9
>SMAD4-R49RRLCILRMSF\	247	>SMAD4-R49HRLCILRMSF\	1278	1031
>SMAD4-R49RRLCILRM	11	>SMAD4-R49HRLCILRM	16	5
>SMAD4-R49RRLCILRMS	40	>SMAD4-R49HRLCILRMS	118	78
>SMAD4-R49RRLCILRMSF	25	>SMAD4-R49HRLCILRMSF	45	20
>SMAD4-R49RRLCILRMSF\	23	>SMAD4-R49HRLCILRMSF\	51	28
>SMAD4-R49RRLCILRM	13	>SMAD4-R49HRLCILRM	325	312
>SMAD4-R49RRLCILRMS	97	>SMAD4-R49HRLCILRMS	3246	3149
>SMAD4-R49RRLCILRMSF	46	>SMAD4-R49HRLCILRMSF	435	389
>SMAD4-R49RRLCILRMSF\	36	>SMAD4-R49HRLCILRMSF\	739	703
>SMAD4-R49RRLCILRM	28	>SMAD4-R49HRLCILRM	330	302
>SMAD4-R49RRLCILRMS	319	>SMAD4-R49HRLCILRMS	2649	2330
>SMAD4-R49RRLCILRMSF	57	>SMAD4-R49HRLCILRMSF	758	701
>SMAD4-R49RRLCILRMSF\	29	>SMAD4-R49HRLCILRMSF\	174	145
>SMAD4-R49LRRRCILRMSF	24	>SMAD4-R49LHRLCILRMSI	20	4
>SMAD4-R49LRRRCILRM	209	>SMAD4-R49LHRLCILRM	15805	15596
>SMAD4-R49LRRRCILRMSF	421	>SMAD4-R49LHRLCILRMSI	20173	19752
>SMAD4-R49LRRRCILRM	308	>SMAD4-R49LHRLCILRM	12331	12023
>SMAD4-R49LRRRCILRMSF	424	>SMAD4-R49LHRLCILRMSI	13305	12881
>SMAD4-R49LRRRCILRM	58	>SMAD4-R49LHRLCILRM	12744	12686
>SMAD4-R49LRRRCILRMS	436	>SMAD4-R49LHRLCILRMS	25051	24615
>SMAD4-R49LRRRCILRMSF	43	>SMAD4-R49LHRLCILRMSI	17383	17340
>SMAD4-R49AAAGIGVDDI	28	>SMAD4-R49AAAGIGVDDI	8260	8232
>SMAD4-R49DLRRRCIL	527	>SMAD4-R49DLHRLCIL	210	317
>SMAD4-R49DLRRRCILR	10	>SMAD4-R49DLHRLCILR	20	10
>SMAD4-R49DLRRRCILR	337	>SMAD4-R49DLHRLCILR	52	285
>SMAD4-R49DLRRRCIL	181	>SMAD4-R49DLHRLCIL	558	377
>SMAD4-R49VDDLRRRCI	359	>SMAD4-R49VDDLHRLCI	1389	1030
>SMAD4-R49VDDLRRRCI	616	>SMAD4-R49VDDLHRLCI	482	134
>SMAD4-R49GVDDLRRRL	1758	>SMAD4-R49GVDDLHRL	206	1552
>SMAD4-R49GVDDLRRRL	1709	>SMAD4-R49GVDDLHRL	110	1599
>SMAD4-R49IGVDDLRR	619	>SMAD4-R49IGVDDLHR	187	432
>SMAD4-R49GIGVDDLRRRL	2445	>SMAD4-R49GIGVDDLHRL	188	2257

>SMAD4-R49 AAGIGVDDL	264	>SMAD4-R49 AAGIGVDDL	21568	21304
>SMAD4-R49 RLCILRMSFV	44	>SMAD4-R49 HLCILRMSFV	80	36
>SMAD4-R49 RLCILRMSFV	100	>SMAD4-R49 HLCILRMSFV	132	32
>SMAD4-R49 RLCILRMSFV	31	>SMAD4-R49 HLCILRMSFV	55	24
>SMAD4-R49 RLCILRMSFV	131	>SMAD4-R49 HLCILRMSFV	283	152
>SMAD4-R49 RLCILRMSFV	9	>SMAD4-R49 HLCILRMSFV	28	19
>SMAD4-R49 RLCILRMSFV	444	>SMAD4-R49 HLCILRMSFV	559	115
>SMAD4-R49 RLCILRMSFV	33	>SMAD4-R49 HLCILRMSFV	60	27
>SMAD4-R49 RLCILRMSFV	7	>SMAD4-R49 HLCILRMSFV	6	1
>SMAD4-R49 RLCILRMSFVI	41	>SMAD4-R49 HLCILRMSFVI	66	25
>SMAD4-R49 RLCILRMSFVI	25	>SMAD4-R49 HLCILRMSFVI	96	71
>SMAD4-R49 RLCILRMSFV	425	>SMAD4-R49 HLCILRMSFV	1427	1002
>SMAD4-R49 RLCILRMSFVI	29	>SMAD4-R49 HLCILRMSFVI	90	61
>SMAD4-R49 RLCILRMSFVI	47	>SMAD4-R49 HLCILRMSFVI	152	105
>SMAD4-R49 RLCILRMSF	29	>SMAD4-R49 HLCILRMSF	327	298
>SMAD4-R49 RLCILRMSFVI	3735	>SMAD4-R49 HLCILRMSFVI	303	3432
>SMAD4-R49 RLCILRMSF	75	>SMAD4-R49 HLCILRMSF	158	83
>SMAD4-R49 RLCILRMSF	62	>SMAD4-R49 HLCILRMSF	217	155
>SMAD4-R49 RLCILRMSF	243	>SMAD4-R49 HLCILRMSF	1917	1674
>SMAD4-R49 RLCILRMSFVI	400	>SMAD4-R49 HLCILRMSFVI	502	102
>SMAD4-R49 RRLCILRMSF	2198	>SMAD4-R49 RHLCILRMSF	72	2126
>SMAD4-R49 RRLCILRMSF	471	>SMAD4-R49 RHLCILRMSF	293	178
>SMAD4-R49 RRLCILRM	117	>SMAD4-R49 RHLCILRM	314	197
>SMAD4-R49 RRLCILRMSF	4	>SMAD4-R49 RHLCILRMSF	6	2
>SMAD4-R49 RRLCILRMSF	247	>SMAD4-R49 RHLCILRMSF	904	657
>SMAD4-R49 RRLCILRM	11	>SMAD4-R49 RHLCILRM	1692	1681
>SMAD4-R49 RRLCILRMS	40	>SMAD4-R49 RHLCILRMS	7550	7510
>SMAD4-R49 RRLCILRMSF	25	>SMAD4-R49 RHLCILRMSF	2002	1977
>SMAD4-R49 RRLCILRMSF	23	>SMAD4-R49 RHLCILRMSF	5793	5770
>SMAD4-R49 RRLCILRM	13	>SMAD4-R49 RHLCILRM	732	719
>SMAD4-R49 RRLCILRMS	97	>SMAD4-R49 RHLCILRMS	4402	4305
>SMAD4-R49 RRLCILRMSF	46	>SMAD4-R49 RHLCILRMSF	5910	5864
>SMAD4-R49 RRLCILRMSF	36	>SMAD4-R49 RHLCILRMSF	1193	1157
>SMAD4-R49 RRLCILRM	28	>SMAD4-R49 RHLCILRM	681	653
>SMAD4-R49 RRLCILRMS	319	>SMAD4-R49 RHLCILRMS	15210	14891
>SMAD4-R49 RRLCILRMSF	57	>SMAD4-R49 RHLCILRMSF	8295	8238
>SMAD4-R49 RRLCILRMSF	29	>SMAD4-R49 RHLCILRMSF	3326	3297
>SMAD4-R49 LRRLCILRMSF	24	>SMAD4-R49 LRHLCILRMSI	31	7
>SMAD4-R49 LRRLCILR	864	>SMAD4-R49 LRHLCILR	383	481
>SMAD4-R49 LRRLCILRM	209	>SMAD4-R49 LRHLCILRM	94	115
>SMAD4-R49 LRRLCILRMSF	421	>SMAD4-R49 LRHLCILRMSI	158	263
>SMAD4-R49 LRRLCILRM	308	>SMAD4-R49 LRHLCILRM	892	584
>SMAD4-R49 LRRLCILRMSF	424	>SMAD4-R49 LRHLCILRMSI	1190	766

>SMAD4-R49 LRRLCILRM	58	>SMAD4-R49 LRHLCILRM	81	23
>SMAD4-R49 LRRLCILRMS	436	>SMAD4-R49 LRHLCILRMS	842	406
>SMAD4-R49 LRRLCILRMSF	43	>SMAD4-R49 LRHLCILRMSI	88	45
>SMAD4-R49 LRRLCILR	548	>SMAD4-R49 LRHLCILR	248	300
>SMAD4-R49 DLRRRCILR	10	>SMAD4-R49 DLRHLCILR	9	1
>SMAD4-R49 DLRRRCILR	337	>SMAD4-R49 DLRHLCILR	314	23
>SMAD4-R49 DLRRRCIL	181	>SMAD4-R49 DLRHLCIL	492	311
>SMAD4-R49 VDDLRRLCI	359	>SMAD4-R49 VDDLRRHLCI	1514	1155
>SMAD4-R49 VDDLRRLCI	616	>SMAD4-R49 VDDLRRHLCI	493	123
>SMAD4-R49 GVDDLRRLCI	728	>SMAD4-R49 GVDDLRRHLCI	215	513
>SMAD4-R5C RMSFVKGW	172	>SMAD4-R5C GMSFVKGW	4077	3905
>SMAD4-R5C RMSFVKGW	130	>SMAD4-R5C GMSFVKGW	1286	1156
>SMAD4-R5C RMSFVKGW	161	>SMAD4-R5C GMSFVKGW	1858	1697
>SMAD4-R5C RMSFVKGW	20	>SMAD4-R5C GMSFVKGW	984	964
>SMAD4-R5C LRMSFVKGW	176	>SMAD4-R5C LGMSFVKGW	2997	2821
>SMAD4-R5C LRMSFVKGW	4431	>SMAD4-R5C LGMSFVKGW	59	4372
>SMAD4-R5C LRMSFVKGW	220	>SMAD4-R5C LGMSFVKGW	25670	25450
>SMAD4-R5C LRMSFVKGW	418	>SMAD4-R5C LGMSFVKGW	25220	24802
>SMAD4-R5C LRMSFVKGW	4286	>SMAD4-R5C LGMSFVKGW	59	4227
>SMAD4-R5C LRMSFVKGW	8784	>SMAD4-R5C LGMSFVKGW	76	8708
>SMAD4-R5C LRMSFVKGW	355	>SMAD4-R5C LGMSFVKGW	194	161
>SMAD4-R5C ILRMSFVK	36	>SMAD4-R5C ILGMSFVK	54	18
>SMAD4-R5C ILRMSFVK	388	>SMAD4-R5C ILGMSFVK	51	337
>SMAD4-R5C ILRMSFVK	9	>SMAD4-R5C ILGMSFVK	3718	3709
>SMAD4-R5C ILRMSFVK	239	>SMAD4-R5C ILGMSFVK	1475	1236
>SMAD4-R5C ILRMSFVKGV	232	>SMAD4-R5C ILGMSFVKGV	3289	3057
>SMAD4-R5C ILRMSFVKGV	19	>SMAD4-R5C ILGMSFVKGV	409	390
>SMAD4-R5C ILRMSFVKGV	173	>SMAD4-R5C ILGMSFVKGV	1184	1011
>SMAD4-R5C CILRMSFV	279	>SMAD4-R5C CILGMSFV	101	178
>SMAD4-R5C CILRMSFV	471	>SMAD4-R5C CILGMSFV	163	308
>SMAD4-R5C CILRMSFV	235	>SMAD4-R5C CILGMSFV	151	84
>SMAD4-R5C CILRMSFV	42	>SMAD4-R5C CILGMSFV	24	18
>SMAD4-R5C CILRMSFV	65	>SMAD4-R5C CILGMSFV	21	44
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>SMAD4-R5C CILRMSFV	100	>SMAD4-R5C CILGMSFV	36	64
>SMAD4-R5C CILRMSFV	59	>SMAD4-R5C CILGMSFV	11	48
>SMAD4-R5C CILRMSFV	35	>SMAD4-R5C CILGMSFV	10	25
>SMAD4-R5C CILRMSFVK	106	>SMAD4-R5C CILGMSFVK	153	47
>SMAD4-R5C CILRMSFVK	19	>SMAD4-R5C CILGMSFVK	23	4
>SMAD4-R5C CILRMSFVK	109	>SMAD4-R5C CILGMSFVK	554	445
>SMAD4-R5C CILRMSFVK	419	>SMAD4-R5C CILGMSFVK	314	105
>SMAD4-R5C CILRMSFV	485	>SMAD4-R5C CILGMSFV	196	289
>SMAD4-R5C CILRMSFV	369	>SMAD4-R5C CILGMSFV	196	173



>SMAD4-R5C CILRMSFVKG	667	>SMAD4-R5C CILGMSFVKG	316	351
>SMAD4-R5C CILRMSFVKG	125	>SMAD4-R5C CILGMSFVKG	225	100
>SMAD4-R5C LCILRMSFV	819	>SMAD4-R5C LCILGMSFV	411	408
>SMAD4-R5C LCILRMSF	274	>SMAD4-R5C LCILGMSF	211	63
>SMAD4-R5C LCILRMSFV	679	>SMAD4-R5C LCILGMSFV	301	378
>SMAD4-R5C RLCILRMSFV	44	>SMAD4-R5C RLCILGMSFV	44	0
>SMAD4-R5C RLCILRMSFV	100	>SMAD4-R5C RLCILGMSFV	66	34
>SMAD4-R5C RLCILRMSFV	31	>SMAD4-R5C RLCILGMSFV	20	11
>SMAD4-R5C RLCILRMSFV	131	>SMAD4-R5C RLCILGMSFV	128	3
>SMAD4-R5C RLCILRMSFV	9	>SMAD4-R5C RLCILGMSFV	4	5
>SMAD4-R5C RLCILRMSFV	444	>SMAD4-R5C RLCILGMSFV	135	309
>SMAD4-R5C RLCILRMSFV	33	>SMAD4-R5C RLCILGMSFV	14	19
>SMAD4-R5C RLCILRMSFV	7	>SMAD4-R5C RLCILGMSFV	5	2
>SMAD4-R5C RLCILRMSFVI	41	>SMAD4-R5C RLCILGMSFVI	48	7
>SMAD4-R5C RLCILRMSFVI	25	>SMAD4-R5C RLCILGMSFVI	28	3
>SMAD4-R5C RLCILRMSFV	425	>SMAD4-R5C RLCILGMSFV	1075	650
>SMAD4-R5C RLCILRMSFVI	29	>SMAD4-R5C RLCILGMSFVI	70	41
>SMAD4-R5C RLCILRMSFVI	47	>SMAD4-R5C RLCILGMSFVI	105	58
>SMAD4-R5C RLCILRMSF	29	>SMAD4-R5C RLCILGMSF	49	20
>SMAD4-R5C RLCILRMSF	75	>SMAD4-R5C RLCILGMSF	54	21
>SMAD4-R5C RLCILRMSF	62	>SMAD4-R5C RLCILGMSF	40	22
>SMAD4-R5C RLCILRMSF	243	>SMAD4-R5C RLCILGMSF	61	182
>SMAD4-R5C RLCILRMSFVI	400	>SMAD4-R5C RLCILGMSFVI	645	245
>SMAD4-R5C RRLCILRMSF	471	>SMAD4-R5C RRLCILGMSF	1034	563
>SMAD4-R5C RRLCILRM	117	>SMAD4-R5C RRLCILGM	118	1
>SMAD4-R5C RRLCILRMSF	4	>SMAD4-R5C RRLCILGMSF	6	2
>SMAD4-R5C RRLCILRMSF	247	>SMAD4-R5C RRLCILGMSF	335	88
>SMAD4-R5C RRLCILRM	11	>SMAD4-R5C RRLCILGM	11	0
>SMAD4-R5C RRLCILRMS	40	>SMAD4-R5C RRLCILGMS	40	0
>SMAD4-R5C RRLCILRMSF	25	>SMAD4-R5C RRLCILGMSF	17	8
>SMAD4-R5C RRLCILRMSF	23	>SMAD4-R5C RRLCILGMSF	28	5
>SMAD4-R5C RRLCILRM	13	>SMAD4-R5C RRLCILGM	23	10
>SMAD4-R5C RRLCILRMS	97	>SMAD4-R5C RRLCILGMS	160	63
>SMAD4-R5C RRLCILRMSF	46	>SMAD4-R5C RRLCILGMSF	51	5
>SMAD4-R5C RRLCILRMSF	36	>SMAD4-R5C RRLCILGMSF	42	6
>SMAD4-R5C RRLCILRM	28	>SMAD4-R5C RRLCILGM	36	8
>SMAD4-R5C RRLCILRMS	319	>SMAD4-R5C RRLCILGMS	664	345
>SMAD4-R5C RRLCILRMSF	57	>SMAD4-R5C RRLCILGMSF	42	15
>SMAD4-R5C RRLCILRMSF	29	>SMAD4-R5C RRLCILGMSF	43	14
>SMAD4-R5C LRRRCILRM	580	>SMAD4-R5C LRRRCILGM	458	122
>SMAD4-R5C LRRRCILRMSF	24	>SMAD4-R5C LRRRCILGMSI	19	5
>SMAD4-R5C LRRRCILRM	209	>SMAD4-R5C LRRRCILGM	159	50
>SMAD4-R5C LRRRCILRMSF	421	>SMAD4-R5C LRRRCILGMSI	538	117

>SMAD4-R5C LRRLCILRM	308	>SMAD4-R5C LRRLCILGM	392	84
>SMAD4-R5C LRRLCILRMSF	424	>SMAD4-R5C LRRLCILGMSI	678	254
>SMAD4-R5C LRRLCILRM	58	>SMAD4-R5C LRRLCILGM	31	27
>SMAD4-R5C LRRLCILRMS	436	>SMAD4-R5C LRRLCILGMS	245	191
>SMAD4-R5C LRRLCILRMSF	43	>SMAD4-R5C LRRLCILGMSI	75	32
>SMAD4-R5C DLRRRCILR	10	>SMAD4-R5C DLRRRCILG	10543	10533
>SMAD4-R5C DLRRRCILR	337	>SMAD4-R5C DLRRRCILG	39614	39277
>SMAD4-R53 RALQLLDEV	163	>SMAD4-R53 WALQLLDEV	121	42
>SMAD4-R53 RALQLLDEV	801	>SMAD4-R53 WALQLLDEV	370	431
>SMAD4-R53 RALQLLDEV	21	>SMAD4-R53 WALQLLDEV	18	3
>SMAD4-R53 RALQLLDEV	46	>SMAD4-R53 WALQLLDEV	45	1
>SMAD4-R53 RALQLLDEV	189	>SMAD4-R53 WALQLLDEV	119	70
>SMAD4-R53 RALQLLDEV	3869	>SMAD4-R53 WALQLLDEV	436	3433
>SMAD4-R53 RALQLLDEV	1183	>SMAD4-R53 WALQLLDEV	190	993
>SMAD4-R53 RALQLLDEV	7863	>SMAD4-R53 WALQLLDEV	379	7484
>SMAD4-R53 RALQLLDEV	826	>SMAD4-R53 WALQLLDEV	41	785
>SMAD4-R53 RALQLLDEVL	55	>SMAD4-R53 WALQLLDEVI	1550	1495
>SMAD4-R53 RALQLLDEVL	108	>SMAD4-R53 WALQLLDEVI	3338	3230
>SMAD4-R53 HRALQLLDEV	21068	>SMAD4-R53 HWALQLLDE'	237	20831
>SMAD4-R53 HRALQLLDEV	229	>SMAD4-R53 HWALQLLDE'	14578	14349
>SMAD4-R53 HRALQLLDEV	183	>SMAD4-R53 HWALQLLDE'	16980	16797
>SMAD4-R53 HRALQLLDEV	149	>SMAD4-R53 HWALQLLDE'	8748	8599
>SMAD4-R53 HRALQLLDEV	142	>SMAD4-R53 HWALQLLDE'	21744	21602
>SMAD4-R53 HRALQLLDEV	36191	>SMAD4-R53 HWALQLLDE'	479	35712
>SMAD4-R53 TPCWIEIHLHI	94	>SMAD4-R53 TPCWIEIHLH'	29401	29307
>SMAD4-R53 TPCWIEIHLHI	18551	>SMAD4-R53 TPCWIEIHLH'	89	18462
>SMAD4-R53 TPCWIEIHLHI	24461	>SMAD4-R53 TPCWIEIHLH'	33	24428
>SMAD4-R53 TPCWIEIHLHI	63	>SMAD4-R53 TPCWIEIHLH'	27242	27179
>SMAD4-R53 LHRALQLL	840	>SMAD4-R53 LHWALQLL	492	348
>SMAD4-R53 HLHRALQL	1980	>SMAD4-R53 HLHWALQL	259	1721
>SMAD4-R53 HLHRALQLL	912	>SMAD4-R53 HLHWALQLL	124	788
>SMAD4-R53 HLHRALQL	144	>SMAD4-R53 HLHWALQL	78	66
>SMAD4-R53 HLHRALQLL	24	>SMAD4-R53 HLHWALQLL	14	10
>SMAD4-R53 HLHRALQL	160	>SMAD4-R53 HLHWALQL	71	89
>SMAD4-R53 HLHRALQLL	53	>SMAD4-R53 HLHWALQLL	27	26
>SMAD4-R53 HLHRALQLL	1217	>SMAD4-R53 HLHWALQLL	453	764
>SMAD4-R53 HLHRALQL	105	>SMAD4-R53 HLHWALQL	12	93
>SMAD4-R53 HLHRALQLL	107	>SMAD4-R53 HLHWALQLL	14	93
>SMAD4-R53 HLHRALQL	456	>SMAD4-R53 HLHWALQL	300	156
>SMAD4-R53 HLHRALQLL	114	>SMAD4-R53 HLHWALQLL	155	41
>SMAD4-R53 HLHRALQL	439	>SMAD4-R53 HLHWALQL	51	388
>SMAD4-R53 HLHRALQLL	368	>SMAD4-R53 HLHWALQLL	52	316
>SMAD4-R53 HLHRALQL	8	>SMAD4-R53 HLHWALQL	3	5

>SMAD4-R53 HLHRALQLL	8	>SMAD4-R53 HLHWALQLL	3	5
>SMAD4-R53 HLHRALQL	143	>SMAD4-R53 HLHWALQL	970	827
>SMAD4-R53 HLHRALQLL	47	>SMAD4-R53 HLHWALQLL	381	334
>SMAD4-R53 IHLHRALQL	405	>SMAD4-R53 IHLHWALQL	256	149
>SMAD4-R53 IHLHRALQL	235	>SMAD4-R53 IHLHWALQL	33	202
>SMAD4-R53 IHLHRALQLL	791	>SMAD4-R53 IHLHWALQLL	151	640
>SMAD4-R53 EIHLHRAL	682	>SMAD4-R53 EIHLHWAL	296	386
>SMAD4-R53 EIHLHRALQLI	671	>SMAD4-R53 EIHLHWALQL	423	248
>SMAD4-R53 EIHLHRAL	1155	>SMAD4-R53 EIHLHWAL	201	954
>SMAD4-R53 EIHLHRALQLI	431	>SMAD4-R53 EIHLHWALQL	406	25
>SMAD4-R53 EIHLHRAL	5476	>SMAD4-R53 EIHLHWAL	468	5008
>SMAD4-R53 EIHLHRALQL	2365	>SMAD4-R53 EIHLHWALQL	471	1894
>SMAD4-R53 EIHLHRAL	80	>SMAD4-R53 EIHLHWAL	78	2
>SMAD4-R53 IEIHLHRALQL	197	>SMAD4-R53 IEIHLHWALQ	318	121
>SMAD4-R53 IEIHLHRAL	257	>SMAD4-R53 IEIHLHWAL	268	11
>SMAD4-R53 IEIHLHRAL	32	>SMAD4-R53 IEIHLHWAL	7	25
>SMAD4-R53 IEIHLHRALQL	340	>SMAD4-R53 IEIHLHWALQ	126	214
>SMAD4-R53 IEIHLHRAL	2885	>SMAD4-R53 IEIHLHWAL	137	2748
>SMAD4-R53 IEIHLHRAL	13	>SMAD4-R53 IEIHLHWAL	6	7
>SMAD4-R53 IEIHLHRALQL	38	>SMAD4-R53 IEIHLHWALQ	21	17
>SMAD4-R53 IEIHLHRAL	41	>SMAD4-R53 IEIHLHWAL	18	23
>SMAD4-R53 IEIHLHRALQL	99	>SMAD4-R53 IEIHLHWALQ	57	42
>SMAD4-R53 IEIHLHRAL	404	>SMAD4-R53 IEIHLHWAL	116	288
>SMAD4-R53 IEIHLHRALQL	364	>SMAD4-R53 IEIHLHWALQ	213	151
>SMAD4-R53 IEIHLHRA	230	>SMAD4-R53 IEIHLHWA	70	160
>SMAD4-R53 IEIHLHRAL	203	>SMAD4-R53 IEIHLHWAL	46	157
>SMAD4-R53 IEIHLHRALQL	44	>SMAD4-R53 IEIHLHWALQ	20	24
>SMAD4-R53 WIEIHLHRA	1445	>SMAD4-R53 WIEIHLHWA	412	1033
>SMAD4-R53 WIEIHLHRAL	3663	>SMAD4-R53 WIEIHLHWAL	415	3248
>SMAD4-R53 WIEIHLHRA	220	>SMAD4-R53 WIEIHLHWA	174	46
>SMAD4-R53 WIEIHLHRAL	1277	>SMAD4-R53 WIEIHLHWAL	91	1186
>SMAD4-R53 WIEIHLHR	25876	>SMAD4-R53 WIEIHLHW	377	25499
>SMAD4-R53 WIEIHLHRAL	3213	>SMAD4-R53 WIEIHLHWAL	418	2795
>SMAD4-R53 WIEIHLHR	31247	>SMAD4-R53 WIEIHLHW	455	30792
>SMAD4-R53 WIEIHLHR	88	>SMAD4-R53 WIEIHLHW	28926	28838
>SMAD4-R53 CWIEIHLHRA	454	>SMAD4-R53 CWIEIHLHW/	911	457
>SMAD4-R53 CWIEIHLHR	3579	>SMAD4-R53 CWIEIHLHW	51	3528
>SMAD4-R53 CWIEIHLHRA	1017	>SMAD4-R53 CWIEIHLHW/	98	919
>SMAD4-R53 CWIEIHLHR	7787	>SMAD4-R53 CWIEIHLHW	189	7598
>SMAD4-R53 CWIEIHLHRA	2271	>SMAD4-R53 CWIEIHLHW/	407	1864
>SMAD4-R53 CWIEIHLHR	4451	>SMAD4-R53 CWIEIHLHW	40	4411
>SMAD4-R53 CWIEIHLHRA	80	>SMAD4-R53 CWIEIHLHW/	15	65
>SMAD4-R53 CWIEIHLHR	203	>SMAD4-R53 CWIEIHLHW	17711	17508

>SMAD4-R53CWIEIHLHR	220	>SMAD4-R53CWIEIHLHW	26312	26092
>SMAD4-R53CWIEIHLHR	22252	>SMAD4-R53CWIEIHLHW	314	21938
>SMAD4-R53CWIEIHLHR	9	>SMAD4-R53CWIEIHLHW	1902	1893
>SMAD4-R53CWIEIHLHR	789	>SMAD4-R53CWIEIHLHW	348	441
>SMAD4-R53CWIEIHLHRA	79	>SMAD4-R53CWIEIHLHW/	41	38
>SMAD4-R53PCWIEIHLHR	31	>SMAD4-R53PCWIEIHLHW	14103	14072
>SMAD4-R7E RTLDGRLQV	80	>SMAD4-R7E ITLDGRLQV	113	33
>SMAD4-R7E RTLDGRLQV	42	>SMAD4-R7E ITLDGRLQV	42	0
>SMAD4-R7E RTLDGRLQV	106	>SMAD4-R7E ITLDGRLQV	158	52
>SMAD4-R7E RTLDGRLQV	14	>SMAD4-R7E ITLDGRLQV	7	7
>SMAD4-R7E RTLDGRLQV	25	>SMAD4-R7E ITLDGRLQV	1063	1038
>SMAD4-R7E RTLDGRLQV/	32	>SMAD4-R7E ITLDGRLQVA	1199	1167
>SMAD4-R7E RTLDGRLQV/	287	>SMAD4-R7E ITLDGRLQVA	6173	5886
>SMAD4-R7E RTLDGRLQV	39	>SMAD4-R7E ITLDGRLQV	31	8
>SMAD4-R7E RTLDGRLQV	8	>SMAD4-R7E ITLDGRLQV	20	12
>SMAD4-R7E RTLDGRLQV/	282	>SMAD4-R7E ITLDGRLQVA	1185	903
>SMAD4-R7E RTLDGRLQV	159	>SMAD4-R7E ITLDGRLQV	201	42
>SMAD4-R7E QRTLDGRLQ\	19664	>SMAD4-R7E QITLDGRLQV	169	19495
>SMAD4-R7E QRTLDGRL	465	>SMAD4-R7E QITLDGRL	21917	21452
>SMAD4-R7E IQRTLDGRLQ	1585	>SMAD4-R7E IQITLDGRLQ\	409	1176
>SMAD4-R7E IQRTLDGRLQ	1641	>SMAD4-R7E IQITLDGRLQ\	49	1592
>SMAD4-R7E IQRTLDGR	396	>SMAD4-R7E IQITLDGR	901	505
>SMAD4-R7E IQRTLDGRLQ	271	>SMAD4-R7E IQITLDGRLQ\	412	141
>SMAD4-R7E IQRTLDGR	723	>SMAD4-R7E IQITLDGR	355	368
>SMAD4-R7E TIQRTLDGR	141	>SMAD4-R7E TIQITLDGR	125	16
>SMAD4-R7E VTIQRTLDGR	192	>SMAD4-R7E VTIQITLDGRL	730	538
>SMAD4-R7E VTIQRTLDGR	269	>SMAD4-R7E VTIQITLDGR	244	25
>SMAD4-R7E VTIQRTLDGR	370	>SMAD4-R7E VTIQITLDGRL	237	133
>SMAD4-R7E VTIQRTLDGR	273	>SMAD4-R7E VTIQITLDGR	321	48
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>SMAD4-R7E VTIQRTLDGR	3358	>SMAD4-R7E VTIQITLDGRL	463	2895
>SMAD4-R7E VTIQRTLDGR	11	>SMAD4-R7E VTIQITLDGRL	15	4
>SMAD4-R7E VTIQRTLDGR	434	>SMAD4-R7E VTIQITLDGRL	157	277
>SMAD4-R7E CVTIQRTLDG	61	>SMAD4-R7E CVTIQITLDGF	67	6
>SMAD4-R7E KCVTIQRTL	255	>SMAD4-R7E KCVTIQITL	115	140
>SMAD4-R7E SKCVTIQRTL	225	>SMAD4-R7E SKCVTIQITL	156	69
>SMAD4-R7E SKCVTIQRTL	1369	>SMAD4-R7E SKCVTIQITL	199	1170
>SMAD4-R7E HPSKCVTIQR	33019	>SMAD4-R7E HPSKCVTIQI	244	32775
>SMAD4-R7E HPSKCVTIQR	347	>SMAD4-R7E HPSKCVTIQI	27085	26738
>SMAD4-R7E HPSKCVTIQR	195	>SMAD4-R7E HPSKCVTIQI	33312	33117
>SMAD4-R7E HPSKCVTIQR	71	>SMAD4-R7E HPSKCVTIQI	32006	31935
>SMAD4-S43 SAYIKVFDL	103	>SMAD4-S43 GAYIKVFDL	801	698
>SMAD4-S43 SAYIKVFDLR	309	>SMAD4-S43 GAYIKVFDLR	1158	849

>SMAD4-S43 SAYIKVFDLR	44	>SMAD4-S43 GAYIKVFDLR	139	95
>SMAD4-S43 SAYIKVFDLR	209	>SMAD4-S43 GAYIKVFDLR	1154	945
>SMAD4-S43 SAYIKVFDLR	18	>SMAD4-S43 GAYIKVFDLR	69	51
>SMAD4-S43 SAYIKVFDL	21	>SMAD4-S43 GAYIKVFDL	43	22
>SMAD4-S43 SAYIKVFDLR	194	>SMAD4-S43 GAYIKVFDLR	268	74
>SMAD4-S43 SAYIKVFDLR	406	>SMAD4-S43 GAYIKVFDLR	2236	1830
>SMAD4-S43 PSAYIKVFDL	44	>SMAD4-S43 PGAYIKVFDL	871	827
>SMAD4-S43 PSAYIKVF	465	>SMAD4-S43 PGAYIKVF	3876	3411
>SMAD4-S43 PSAYIKVF	253	>SMAD4-S43 PGAYIKVF	9987	9734
>SMAD4-S43 YPSAYIKVFDL	69	>SMAD4-S43 YPGAYIKVFDL	62	7
>SMAD4-S43 YPSAYIKV	386	>SMAD4-S43 YPGAYIKV	505	119
>SMAD4-S43 YPSAYIKV	459	>SMAD4-S43 YPGAYIKV	1224	765
>SMAD4-S43 YPSAYIKVF	79	>SMAD4-S43 YPGAYIKVF	207	128
>SMAD4-S43 YPSAYIKVFDL	83	>SMAD4-S43 YPGAYIKVFDL	208	125
>SMAD4-S43 YPSAYIKVF	436	>SMAD4-S43 YPGAYIKVF	863	427
>SMAD4-S43 YPSAYIKVFDL	332	>SMAD4-S43 YPGAYIKVFDL	640	308
>SMAD4-S43 YPSAYIKVF	35	>SMAD4-S43 YPGAYIKVF	153	118
>SMAD4-S43 YPSAYIKVF	14	>SMAD4-S43 YPGAYIKVF	29	15
>SMAD4-S43 YPSAYIKVFDL	127	>SMAD4-S43 YPGAYIKVFDL	674	547
>SMAD4-S43 YPSAYIKVF	417	>SMAD4-S43 YPGAYIKVF	4680	4263
>SMAD4-S43 YPSAYIKVFDL	87	>SMAD4-S43 YPGAYIKVFDL	938	851
>SMAD4-S43 YPSAYIKV	334	>SMAD4-S43 YPGAYIKV	1160	826
>SMAD4-S43 YPSAYIKVF	164	>SMAD4-S43 YPGAYIKVF	755	591
>SMAD4-S43 YPSAYIKVFDL	249	>SMAD4-S43 YPGAYIKVFDL	722	473
>SMAD4-S43 YPSAYIKV	223	>SMAD4-S43 YPGAYIKV	626	403
>SMAD4-S43 YPSAYIKVF	7	>SMAD4-S43 YPGAYIKVF	33	26
>SMAD4-S43 YPSAYIKVFDL	106	>SMAD4-S43 YPGAYIKVFDL	1826	1720
>SMAD4-S43 YPSAYIKVF	23	>SMAD4-S43 YPGAYIKVF	105	82
>SMAD4-S43 YPSAYIKVFDL	271	>SMAD4-S43 YPGAYIKVFDL	1759	1488
>SMAD4-S43 IYPSAYIKV	1715	>SMAD4-S43 IYPGAYIKV	350	1365
>SMAD4-S43 IYPSAYIKVF	18	>SMAD4-S43 IYPGAYIKVF	22	4
>SMAD4-S43 IYPSAYIK	472	>SMAD4-S43 IYPGAYIK	645	173
>SMAD4-S43 IYPSAYIKV	130	>SMAD4-S43 IYPGAYIKV	169	39
>SMAD4-S43 IYPSAYIKVF	32	>SMAD4-S43 IYPGAYIKVF	35	3
>SMAD4-S43 IYPSAYIK	556	>SMAD4-S43 IYPGAYIK	433	123
>SMAD4-S43 IYPSAYIKV	13	>SMAD4-S43 IYPGAYIKV	11	2
>SMAD4-S43 IYPSAYIKVF	4	>SMAD4-S43 IYPGAYIKVF	4	0
>SMAD4-S43 IYPSAYIKVF	334	>SMAD4-S43 IYPGAYIKVF	1602	1268
>SMAD4-S43 IYPSAYIKV	243	>SMAD4-S43 IYPGAYIKV	464	221
>SMAD4-S43 IYPSAYIKVF	56	>SMAD4-S43 IYPGAYIKVF	100	44
>SMAD4-S43 IYPSAYIK	130	>SMAD4-S43 IYPGAYIK	124	6
>SMAD4-S43 IYPSAYIKV	345	>SMAD4-S43 IYPGAYIKV	652	307
>SMAD4-S43 KIYPSAYI	40	>SMAD4-S43 KIYPGAYI	55	15

>SMAD4-S43 KIYPSAYIKV	91	>SMAD4-S43 KIYPGAYIKV	76	15
>SMAD4-S43 KIYPSAYI	39	>SMAD4-S43 KIYPGAYI	92	53
>SMAD4-S43 KIYPSAYIKV	84	>SMAD4-S43 KIYPGAYIKV	64	20
>SMAD4-S43 KIYPSAYI	17	>SMAD4-S43 KIYPGAYI	20	3
>SMAD4-S43 KIYPSAYIKV	52	>SMAD4-S43 KIYPGAYIKV	59	7
>SMAD4-S43 KIYPSAYI	11	>SMAD4-S43 KIYPGAYI	12	1
>SMAD4-S43 KIYPSAYIKV	67	>SMAD4-S43 KIYPGAYIKV	83	16
>SMAD4-S43 KIYPSAYI	7	>SMAD4-S43 KIYPGAYI	5	2
>SMAD4-S43 KIYPSAYIKV	6	>SMAD4-S43 KIYPGAYIKV	5	1
>SMAD4-S43 KIYPSAYI	38	>SMAD4-S43 KIYPGAYI	54	16
>SMAD4-S43 KIYPSAYIKV	44	>SMAD4-S43 KIYPGAYIKV	46	2
>SMAD4-S43 KIYPSAYI	37	>SMAD4-S43 KIYPGAYI	36	1
>SMAD4-S43 KIYPSAYIKV	9	>SMAD4-S43 KIYPGAYIKV	7	2
>SMAD4-S43 KIYPSAYI	344	>SMAD4-S43 KIYPGAYI	647	303
>SMAD4-S43 KIYPSAYIKV	186	>SMAD4-S43 KIYPGAYIKV	122	64
>SMAD4-S43 KIYPSAYI	57	>SMAD4-S43 KIYPGAYI	45	12
>SMAD4-S43 KIYPSAYIKV	5	>SMAD4-S43 KIYPGAYIKV	4	1
>SMAD4-S43 KIYPSAYIK	27	>SMAD4-S43 KIYPGAYIK	30	3
>SMAD4-S43 KIYPSAYIK	8	>SMAD4-S43 KIYPGAYIK	10	2
>SMAD4-S43 KIYPSAYI	39	>SMAD4-S43 KIYPGAYI	103	64
>SMAD4-S43 KIYPSAYIK	13	>SMAD4-S43 KIYPGAYIK	22	9
>SMAD4-S43 KIYPSAYIKV	121	>SMAD4-S43 KIYPGAYIKV	226	105
>SMAD4-S43 KIYPSAYIK	51	>SMAD4-S43 KIYPGAYIK	74	23
>SMAD4-S43 KIYPSAYI	83	>SMAD4-S43 KIYPGAYI	151	68
>SMAD4-S43 KIYPSAYIKV	487	>SMAD4-S43 KIYPGAYIKV	379	108
>SMAD4-S43 KIYPSAYIKVF	28	>SMAD4-S43 KIYPGAYIKVF	24	4
>SMAD4-S43 KIYPSAYIK	292	>SMAD4-S43 KIYPGAYIK	771	479
>SMAD4-S43 KIYPSAYI	378	>SMAD4-S43 KIYPGAYI	619	241
>SMAD4-S43 KIYPSAYIKV	250	>SMAD4-S43 KIYPGAYIKV	225	25
>SMAD4-S43 KIYPSAYIKVF	68	>SMAD4-S43 KIYPGAYIKVF	78	10
>SMAD4-S43 KIYPSAYIKVF	8	>SMAD4-S43 KIYPGAYIKVF	15	7
>SMAD4-S43 KIYPSAYI	25	>SMAD4-S43 KIYPGAYI	47	22
>SMAD4-S43 KIYPSAYIKV	412	>SMAD4-S43 KIYPGAYIKV	697	285
>SMAD4-S43 KIYPSAYIKVF	5	>SMAD4-S43 KIYPGAYIKVF	7	2
>SMAD4-S43 KIYPSAYIKVF	235	>SMAD4-S43 KIYPGAYIKVF	529	294
>SMAD4-S43 KIYPSAYI	54	>SMAD4-S43 KIYPGAYI	122	68
>SMAD4-S43 KIYPSAYIKVF	41	>SMAD4-S43 KIYPGAYIKVF	55	14
>SMAD4-S43 KIYPSAYIKVF	297	>SMAD4-S43 KIYPGAYIKVF	247	50
>SMAD4-S43 KIYPSAYIKVF	398	>SMAD4-S43 KIYPGAYIKVF	1220	822
>SMAD4-S43 KIYPSAYIK	36	>SMAD4-S43 KIYPGAYIK	58	22
>SMAD4-S43 KIYPSAYI	94	>SMAD4-S43 KIYPGAYI	76	18
>SMAD4-S43 HKIYPSAY	292	>SMAD4-S43 HKIYPGAY	342	50
>SMAD4-S43 HKIYPSAYI	122	>SMAD4-S43 HKIYPGAYI	864	742

>SMAD4-S43 HKIYPSAYIKV	382	>SMAD4-S43 HKIYPGAYIKV	841	459
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>SMAD4-S43 HKIYPSAY	3	>SMAD4-S43 HKIYPGAY	8	5
>SMAD4-S43 HKIYPSAYI	25	>SMAD4-S43 HKIYPGAYI	21	4
>SMAD4-S43 HKIYPSAYIK	191	>SMAD4-S43 HKIYPGAYIK	293	102
>SMAD4-S43 HKIYPSAYIKV	60	>SMAD4-S43 HKIYPGAYIKV	84	24
>SMAD4-S43 HKIYPSAY	384	>SMAD4-S43 HKIYPGAY	959	575
>SMAD4-S43 VHKIYPSAY	243	>SMAD4-S43 VHKIYPGAY	119	124
>SMAD4-S43 VHKIYPSAY	17	>SMAD4-S43 VHKIYPGAY	476	459
>SMAD4-S43 AVHKIYPSAYI	401	>SMAD4-S43 AVHKIYPGAY	760	359
>SMAD4-S43 AVHKIYPSAYI	220	>SMAD4-S43 AVHKIYPGAY	308	88
>SMAD4-S43 AVHKIYPSAYI	235	>SMAD4-S43 AVHKIYPGAY	241	6
>SMAD4-S43 AVHKIYPSAY	47	>SMAD4-S43 AVHKIYPGAY	51	4
>SMAD4-S43 AVHKIYPSAY	410	>SMAD4-S43 AVHKIYPGAY	483	73
>SMAD4-S43 AVHKIYPS	164	>SMAD4-S43 AVHKIYPG	172	8
>SMAD4-S43 AVHKIYPSA	7	>SMAD4-S43 AVHKIYPGA	14	7
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>SMAD4-S43 AVHKIYPSAYI	7	>SMAD4-S43 AVHKIYPGAY	12	5
>SMAD4-S43 AVHKIYPSAY	616	>SMAD4-S43 AVHKIYPGAY	357	259
>SMAD4-S43 AVHKIYPSAYI	101	>SMAD4-S43 AVHKIYPGAY	231	130
>SMAD4-S43 AVHKIYPSAY	123	>SMAD4-S43 AVHKIYPGAY	81	42
>SMAD4-S43 AVHKIYPSAY	134	>SMAD4-S43 AVHKIYPGAY	259	125
>SMAD4-S43 AVHKIYPSAY	105	>SMAD4-S43 AVHKIYPGAY	1050	945
>SMAD4-S43 AVHKIYPSAY	439	>SMAD4-S43 AVHKIYPGAY	1090	651
>SMAD4-S43 AVHKIYPSAYI	297	>SMAD4-S43 AVHKIYPGAY	365	68
>SMAD4-S43 DAVHKIYPSA	225	>SMAD4-S43 DAVHKIYPGA	143	82
>SMAD4-S43 DAVHKIYPSA	38	>SMAD4-S43 DAVHKIYPGA	51	13
>SMAD4-S43 DAVHKIYPS	416	>SMAD4-S43 DAVHKIYPG	2026	1610
>SMAD4-S43 DAVHKIYPSA	33	>SMAD4-S43 DAVHKIYPGA	48	15
>SMAD4-S50 SFVKGWGP	264	>SMAD4-S50 RFVKGWGP	354	90
>SMAD4-S50 SFVKGWGP	433	>SMAD4-S50 RFVKGWGP	169	264
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>SMAD4-S50 SFVKGWGP	189	>SMAD4-S50 RFVKGWGP	693	504
>SMAD4-S50 SFVKGWGP	245	>SMAD4-S50 RFVKGWGP	233	12
>SMAD4-S50 MSFVKGWGI	382	>SMAD4-S50 MRFVKGWGI	20512	20130
>SMAD4-S50 MSFVKGWGI	18	>SMAD4-S50 MRFVKGWGI	82	64
>SMAD4-S50 MSFVKGWGI	22	>SMAD4-S50 MRFVKGWGI	193	171
>SMAD4-S50 MSFVKGWGI	222	>SMAD4-S50 MRFVKGWGI	8651	8429
>SMAD4-S50 MSFVKGWGI	39	>SMAD4-S50 MRFVKGWGI	34	5
>SMAD4-S50 MSFVKGWGI	4	>SMAD4-S50 MRFVKGWGI	15123	15119
>SMAD4-S50 MSFVKGWGI	20138	>SMAD4-S50 MRFVKGWGI	215	19923
>SMAD4-S50 MSFVKGWGI	226	>SMAD4-S50 MRFVKGWGI	5225	4999
>SMAD4-S50 MSFVKGWGI	305	>SMAD4-S50 MRFVKGWGI	22639	22334

>SMAD4-S50 MSFVKGWG	16271	>SMAD4-S50 MRFVKGWG	302	15969
>SMAD4-S50 MSFVKGWGI	13048	>SMAD4-S50 MRFVKGWGI	332	12716
>SMAD4-S50 MSFVKGWGI	147	>SMAD4-S50 MRFVKGWGI	5202	5055
>SMAD4-S50 MSFVKGWGI	376	>SMAD4-S50 MRFVKGWGI	66	310
>SMAD4-S50 MSFVKGWGI	462	>SMAD4-S50 MRFVKGWGI	1955	1493
>SMAD4-S50 DLRRRCILRM	12399	>SMAD4-S50 DLRRRCILRM	19	12380
>SMAD4-S50 RMSFVKGW	10947	>SMAD4-S50 RMRFVKGW	267	10680
>SMAD4-S50 RMSFVKGW	7182	>SMAD4-S50 RMRFVKGW	183	6999
>SMAD4-S50 RMSFVKGW	172	>SMAD4-S50 RMRFVKGW	503	331
>SMAD4-S50 RMSFVKGW	130	>SMAD4-S50 RMRFVKGW	49	81
>SMAD4-S50 RMSFVKGW	161	>SMAD4-S50 RMRFVKGW	85	76
>SMAD4-S50 RMSFVKGW	20	>SMAD4-S50 RMRFVKGW	313	293
>SMAD4-S50 LRMSFVKGW	176	>SMAD4-S50 LRMRFVKGW	296	120
>SMAD4-S50 LRMSFVKGW	220	>SMAD4-S50 LRMRFVKGW	129	91
>SMAD4-S50 LRMSFVKGW	418	>SMAD4-S50 LRMRFVKGW	292	126
>SMAD4-S50 LRMSFVKGW	355	>SMAD4-S50 LRMRFVKGW	495	140
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>SMAD4-S50 ILRMSFVK	36	>SMAD4-S50 ILRMRFVK	37	1
>SMAD4-S50 ILRMSFVK	388	>SMAD4-S50 ILRMRFVK	665	277
>SMAD4-S50 ILRMSFVK	9	>SMAD4-S50 ILRMRFVK	10	1
>SMAD4-S50 ILRMSFVK	239	>SMAD4-S50 ILRMRFVK	66	173
>SMAD4-S50 ILRMSFVK	1567	>SMAD4-S50 ILRMRFVK	330	1237
>SMAD4-S50 ILRMSFVKG	2199	>SMAD4-S50 ILRMRFVKG	83	2116
>SMAD4-S50 ILRMSFVKGV	232	>SMAD4-S50 ILRMRFVKGV	1069	837
>SMAD4-S50 ILRMSFVKGV	19	>SMAD4-S50 ILRMRFVKGV	48	29
>SMAD4-S50 ILRMSFVKGV	173	>SMAD4-S50 ILRMRFVKGV	347	174
>SMAD4-S50 CILRMSFV	279	>SMAD4-S50 CILRMRFV	1797	1518
>SMAD4-S50 CILRMSFV	471	>SMAD4-S50 CILRMRFV	1995	1524
>SMAD4-S50 CILRMSFV	235	>SMAD4-S50 CILRMRFV	996	761
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>SMAD4-S50 CILRMSFV	201	>SMAD4-S50 CILRMRFV	1711	1510
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>SMAD4-S50 CILRMSFV	59	>SMAD4-S50 CILRMRFV	871	812
>SMAD4-S50 CILRMSFV	35	>SMAD4-S50 CILRMRFV	171	136
>SMAD4-S50 CILRMSFVK	106	>SMAD4-S50 CILRMRFVK	136	30
>SMAD4-S50 CILRMSFVK	19	>SMAD4-S50 CILRMRFVK	19	0
>SMAD4-S50 CILRMSFVK	109	>SMAD4-S50 CILRMRFVK	94	15
>SMAD4-S50 CILRMSFVK	518	>SMAD4-S50 CILRMRFVK	105	413
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>SMAD4-S50 CILRMSFV	485	>SMAD4-S50 CILRMRFV	1449	964
>SMAD4-S50 CILRMSFV	369	>SMAD4-S50 CILRMRFV	1715	1346
>SMAD4-S50 CILRMSFVKG	547	>SMAD4-S50 CILRMRFVKG	431	116



>SMAD4-S50 CILRMSFVKG	125	>SMAD4-S50 CILRMRFVKG	152	27
>SMAD4-S50 LCILRMSFVK	1088	>SMAD4-S50 LCILRMRFVK	285	803
>SMAD4-S50 LCILRMSF	274	>SMAD4-S50 LCILRMRF	1951	1677
>SMAD4-S50 RLCILRMSFV	44	>SMAD4-S50 RLCILRMRFV	117	73
>SMAD4-S50 RLCILRMSFV	100	>SMAD4-S50 RLCILRMRFV	337	237
>SMAD4-S50 RLCILRMSFV	31	>SMAD4-S50 RLCILRMRFV	69	38
>SMAD4-S50 RLCILRMSFV	131	>SMAD4-S50 RLCILRMRFV	311	180
>SMAD4-S50 RLCILRMSFV	9	>SMAD4-S50 RLCILRMRFV	15	6
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>SMAD4-S50 RLCILRMSFV	33	>SMAD4-S50 RLCILRMRFV	131	98
>SMAD4-S50 RLCILRMSFV	7	>SMAD4-S50 RLCILRMRFV	16	9
>SMAD4-S50 RLCILRMSFVI	41	>SMAD4-S50 RLCILRMRFV	43	2
>SMAD4-S50 RLCILRMSFVI	25	>SMAD4-S50 RLCILRMRFV	28	3
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>SMAD4-S50 RLCILRMSFVI	29	>SMAD4-S50 RLCILRMRFV	33	4
>SMAD4-S50 RLCILRMS	7002	>SMAD4-S50 RLCILRMR	20	6982
>SMAD4-S50 RLCILRMSFVI	47	>SMAD4-S50 RLCILRMRFV	29	18
>SMAD4-S50 RLCILRMSF	29	>SMAD4-S50 RLCILRMRF	159	130
>SMAD4-S50 RLCILRMSF	75	>SMAD4-S50 RLCILRMRF	243	168
>SMAD4-S50 RLCILRMSF	62	>SMAD4-S50 RLCILRMRF	427	365
>SMAD4-S50 RLCILRMSF	243	>SMAD4-S50 RLCILRMRF	186	57
>SMAD4-S50 RLCILRMS	28267	>SMAD4-S50 RLCILRMR	122	28145
>SMAD4-S50 RLCILRMSFVI	400	>SMAD4-S50 RLCILRMRFV	359	41
>SMAD4-S50 RRLCILRMSF	471	>SMAD4-S50 RRLCILRMRF	2496	2025
>SMAD4-S50 RRLCILRMSF	4	>SMAD4-S50 RRLCILRMRF	12	8
>SMAD4-S50 RRLCILRMSF	247	>SMAD4-S50 RRLCILRMRF	607	360
>SMAD4-S50 RRLCILRMS	40	>SMAD4-S50 RRLCILRMR	16	24
>SMAD4-S50 RRLCILRMSF	25	>SMAD4-S50 RRLCILRMRF	21	4
>SMAD4-S50 RRLCILRMSF	23	>SMAD4-S50 RRLCILRMRF	20	3
>SMAD4-S50 RRLCILRMS	97	>SMAD4-S50 RRLCILRMR	92	5
>SMAD4-S50 RRLCILRMSF	46	>SMAD4-S50 RRLCILRMRF	50	4
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>SMAD4-S50 RRLCILRMS	319	>SMAD4-S50 RRLCILRMR	151	168
>SMAD4-S50 RRLCILRMSF	57	>SMAD4-S50 RRLCILRMRF	53	4
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>SMAD4-S50 RRLCILRMS	28360	>SMAD4-S50 RRLCILRMR	246	28114
>SMAD4-S50 LRRLCILRMS	13836	>SMAD4-S50 LRRLCILRMR	55	13781
>SMAD4-S50 LRRLCILRMSF	24	>SMAD4-S50 LRRLCILRMRI	79	55
>SMAD4-S50 LRRLCILRMS	997	>SMAD4-S50 LRRLCILRMR	48	949
>SMAD4-S50 LRRLCILRMSF	421	>SMAD4-S50 LRRLCILRMRI	527	106
>SMAD4-S50 LRRLCILRMSF	424	>SMAD4-S50 LRRLCILRMRI	266	158
>SMAD4-S50 LRRLCILRMS	436	>SMAD4-S50 LRRLCILRMR	204	232
>SMAD4-S50 LRRLCILRMSF	43	>SMAD4-S50 LRRLCILRMRI	34	9

>SMAD4-V12V12VCVNPYPHYEF	428	>SMAD4-V12ACVNPYPHYEF	583	155
>SMAD4-V12V12VCVNPYPHY	369	>SMAD4-V12ACVNPYPHY	123	246
>SMAD4-V12V12VCVNPYPHY	153	>SMAD4-V12ACVNPYPHY	275	122
>SMAD4-V12V12VCVNPYPHY	470	>SMAD4-V12ACVNPYPHY	762	292
>SMAD4-V12V12VCVNPYPHYEF	146	>SMAD4-V12ACVNPYPHYEF	82	64
>SMAD4-V12V12VCVNPYPHY	309	>SMAD4-V12ACVNPYPHY	836	527
>SMAD4-V12V12VCVNPYPHYEF	220	>SMAD4-V12ACVNPYPHYEF	531	311
>SMAD4-V12V12SVCVNPYPHY	473	>SMAD4-V12SACVNPYPHY	3918	3445
>SMAD4-V12V12SVCVNPYPHY	175	>SMAD4-V12SACVNPYPHY	1474	1299
>SMAD4-V12V12SVCVNPYPHYE	54	>SMAD4-V12SACVNPYPHYE	307	253
>SMAD4-V12V12SVCVNPYPHY	51	>SMAD4-V12SACVNPYPHY	1806	1755
>SMAD4-V12V12SVCVNPYPHY	12	>SMAD4-V12SACVNPYPHY	42	30
>SMAD4-V12V12SVCVNPYPHY	36	>SMAD4-V12SACVNPYPHY	61	25
>SMAD4-V12V12SVCVNPYPHYE	14	>SMAD4-V12SACVNPYPHYE	15	1
>SMAD4-V12V12SVCVNPYPHYE	202	>SMAD4-V12SACVNPYPHYE	366	164
>SMAD4-V12V12SVCVNPYPHYE	19	>SMAD4-V12SACVNPYPHYE	32	13
>SMAD4-V12V12SVCVNPYPHY	16	>SMAD4-V12SACVNPYPHY	207	191
>SMAD4-V12V12SVCVNPYPHY	407	>SMAD4-V12SACVNPYPHY	659	252
>SMAD4-V12V12SVCVNPYPHY	1454	>SMAD4-V12SACVNPYPHY	112	1342
>SMAD4-V12V12SVCVNPYPHY	209	>SMAD4-V12SACVNPYPHY	548	339
>SMAD4-V12V12SVCVNPYPHYE	191	>SMAD4-V12SACVNPYPHYE	253	62
>SMAD4-V12V12SVCVNPYPHYE	151	>SMAD4-V12SACVNPYPHYE	368	217
>SMAD4-V12V12QYAFDLKCDSD	233	>SMAD4-V12QYAFDLKCDSD	1684	1451
>SMAD4-V12V12DSVCVNPYPHY	273	>SMAD4-V12DSACVNPYPHY	73	200
>SMAD4-V12V12DSVCVNPYP	17	>SMAD4-V12DSACVNPYP	46	29
>SMAD4-V12V12DSVCVNPYPHY	18	>SMAD4-V12DSACVNPYPHY	57	39
>SMAD4-V12V12DSVCVNPYP	60	>SMAD4-V12DSACVNPYP	532	472
>SMAD4-V12V12DSVCVNPYPHY	382	>SMAD4-V12DSACVNPYPHY	2767	2385
>SMAD4-V12V12DSVCVNPYPHY	50	>SMAD4-V12DSACVNPYPHY	34	16
>SMAD4-V12V12DSVCVNPYP	1492	>SMAD4-V12DSACVNPYP	471	1021
>SMAD4-V12V12DSVCVNPYPHY	149	>SMAD4-V12DSACVNPYPHY	121	28
>SMAD4-V12V12DSVCVNPYP	520	>SMAD4-V12DSACVNPYP	189	331
>SMAD4-V12V12DSVCVNPYPHY	756	>SMAD4-V12DSACVNPYPHY	301	455
>SMAD4-V12V12DSVCVNPYPHY	470	>SMAD4-V12DSACVNPYPHY	302	168
>SMAD4-V12V12DSVCVNPYP	93	>SMAD4-V12DSACVNPYP	77	16
>SMAD4-V12V12CDSVCVNPYP	700	>SMAD4-V12CDSACVNPYP	392	308
>SMAD4-V12V12CDSVCVNPYPH	316	>SMAD4-V12CDSACVNPYPH	302	14
>SMAD4-V12V12KCDSDVCVNPYP	413	>SMAD4-V12KCDSDACVNPYP	444	31
>SMAD4-V12V12LKCDSVCVNP	272	>SMAD4-V12LKCDSACVNP	331	59
>SMAD4-V12V12LKCDSVCV	125	>SMAD4-V12LKCDSACV	256	131
>SMAD4-V12V12LKCDSVCVNP	7	>SMAD4-V12LKCDSACVNP	8	1
>SMAD4-V12V12DLKCDSVCV	172	>SMAD4-V12DLKCDSACV	115	57
>SMAD4-V12V12DLKCDSVCV	306	>SMAD4-V12DLKCDSACV	246	60

>SMAD4-V12FDLKCDV	312	>SMAD4-V12FDLKDSA	9026	8714
>SMAD4-V12YAFDLKCDV	76	>SMAD4-V12YAFDLKDSA	931	855
>SMAD4-V12YAFDLKCDV	123	>SMAD4-V12YAFDLKDSA	576	453
>SMAD4-V12YAFDLKCDV	52	>SMAD4-V12YAFDLKDSA	303	251
>SMAD4-V12YAFDLKCDV	36	>SMAD4-V12YAFDLKDSA	109	73
>SMAD4-V12YAFDLKCDV	20	>SMAD4-V12YAFDLKDSA	620	600
>SMAD4-V12YAFDLKCDV	403	>SMAD4-V12YAFDLKDSA	8241	7838
>SMAD4-V12YAFDLKCDV	59	>SMAD4-V12YAFDLKDSA	2078	2019
>SMAD4-V12YAFDLKCDV	9	>SMAD4-V12YAFDLKDSA	543	534
>SMAD4-V12YAFDLKCDV	23	>SMAD4-V12YAFDLKDSA	126	103
>SMAD4-V12YAFDLKCDV	91	>SMAD4-V12YAFDLKDSA	2056	1965
>SMAD4-V12YAFDLKCDV	1394	>SMAD4-V12YAFDLKDSA	460	934
>SMAD4-V12VNPYHYERV	58	>SMAD4-V12MNPYHYERV	151	93
>SMAD4-V12VNPYHYER	1250	>SMAD4-V12MNPYHYER	163	1087
>SMAD4-V12VNPYHYER	2560	>SMAD4-V12MNPYHYER	85	2475
>SMAD4-V12VNPYHYERV	4174	>SMAD4-V12MNPYHYERV	38	4136
>SMAD4-V12VNPYHYER	1241	>SMAD4-V12MNPYHYER	310	931
>SMAD4-V12CVNPYHYER\	3278	>SMAD4-V12CMNPYHYER	246	3032
>SMAD4-V12CVNPYHYER\	1359	>SMAD4-V12CMNPYHYER	137	1222
>SMAD4-V12CVNPYHYER\	3370	>SMAD4-V12CMNPYHYER	490	2880
>SMAD4-V12CVNPYHYER\	829	>SMAD4-V12CMNPYHYER	39	790
>SMAD4-V12CVNPYHYER\	196	>SMAD4-V12CMNPYHYER	5	191
>SMAD4-V12CVNPYHYER\	662	>SMAD4-V12CMNPYHYER	10	652
>SMAD4-V12CVNPYHYER\	3959	>SMAD4-V12CMNPYHYER	48	3911
>SMAD4-V12CVNPYHYER\	3716	>SMAD4-V12CMNPYHYER	64	3652
>SMAD4-V12CVNPYHYER\	6560	>SMAD4-V12CMNPYHYER	120	6440
>SMAD4-V12CVNPYHYER\	8996	>SMAD4-V12CMNPYHYER	308	8688
>SMAD4-V12CVNPYHYER\	2172	>SMAD4-V12CMNPYHYER	16	2156
>SMAD4-V12CVNPYHYER\	3840	>SMAD4-V12CMNPYHYER	97	3743
>SMAD4-V12CVNPYHYER\	84	>SMAD4-V12CMNPYHYER	5	79
>SMAD4-V12CVNPYHYER\	556	>SMAD4-V12CMNPYHYER	13	543
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>SMAD4-V12CVNPYHYER	9	>SMAD4-V12CMNPYHYER	6	3
>SMAD4-V12CVNPYHYER	52	>SMAD4-V12CMNPYHYER	25	27
>SMAD4-V12CVNPYHYER	18	>SMAD4-V12CMNPYHYER	63	45
>SMAD4-V12CVNPYHYER\	424	>SMAD4-V12CMNPYHYER	3553	3129
>SMAD4-V12CVNPYHYER\	8289	>SMAD4-V12CMNPYHYER	402	7887
>SMAD4-V12CVNPYHYER	125	>SMAD4-V12CMNPYHYER	32	93
>SMAD4-V12VCVNPYHYEF	428	>SMAD4-V12VCMNPYHYE	142	286
>SMAD4-V12VCVNPYHYEF	1023	>SMAD4-V12VCMNPYHYE	464	559
>SMAD4-V12VCVNPYHY	369	>SMAD4-V12VCMNPYHY	952	583
>SMAD4-V12VCVNPYHY	153	>SMAD4-V12VCMNPYHY	169	16
>SMAD4-V12VCVNPYHY	470	>SMAD4-V12VCMNPYHY	214	256

>SMAD4-V12VCVNPYHYEF	146	>SMAD4-V12VCMNPYHYE	29	117
>SMAD4-V12VCVNPYHYEF	1141	>SMAD4-V12VCMNPYHYE	395	746
>SMAD4-V12VCVNPYHY	309	>SMAD4-V12VCMNPYHY	178	131
>SMAD4-V12VCVNPYHY	1122	>SMAD4-V12VCMNPYHY	415	707
>SMAD4-V12VCVNPYHYEF	220	>SMAD4-V12VCMNPYHYE	191	29
>SMAD4-V12SVCVNPYH	473	>SMAD4-V12SVCMNPYH	277	196
>SMAD4-V12SVCVNPYHY	175	>SMAD4-V12SVCMNPYHY	92	83
>SMAD4-V12SVCVNPYHYE	54	>SMAD4-V12SVCMNPYHY	38	16
>SMAD4-V12SVCVNPYHY	51	>SMAD4-V12SVCMNPYHY	29	22
>SMAD4-V12SVCVNPYHY	12	>SMAD4-V12SVCMNPYHY	12	0
>SMAD4-V12SVCVNPYHY	36	>SMAD4-V12SVCMNPYHY	34	2
>SMAD4-V12SVCVNPYHYE	14	>SMAD4-V12SVCMNPYHY	13	1
>SMAD4-V12SVCVNPYHYE	202	>SMAD4-V12SVCMNPYHY	132	70
>SMAD4-V12SVCVNPYHYE	19	>SMAD4-V12SVCMNPYHY	15	4
>SMAD4-V12SVCVNPYHY	16	>SMAD4-V12SVCMNPYHY	14	2
>SMAD4-V12SVCVNPYHY	407	>SMAD4-V12SVCMNPYHY	215	192
>SMAD4-V12SVCVNPYHY	209	>SMAD4-V12SVCMNPYHY	246	37
>SMAD4-V12SVCVNPYHYE	191	>SMAD4-V12SVCMNPYHY	213	22
>SMAD4-V12SVCVNPYHYE	151	>SMAD4-V12SVCMNPYHY	76	75
>SMAD4-V12DSVCVNPYH	273	>SMAD4-V12DSVCMNPYH	293	20
>SMAD4-V12DSVCVNPY	607	>SMAD4-V12DSVCMNPY	435	172
>SMAD4-V12DSVCVNPY	17	>SMAD4-V12DSVCMNPY	10	7
>SMAD4-V12DSVCVNPYH	18	>SMAD4-V12DSVCMNPYH	12	6
>SMAD4-V12DSVCVNPY	60	>SMAD4-V12DSVCMNPY	46	14
>SMAD4-V12DSVCVNPYH	382	>SMAD4-V12DSVCMNPYH	219	163
>SMAD4-V12DSVCVNPYH	50	>SMAD4-V12DSVCMNPYH	71	21
>SMAD4-V12DSVCVNPYH	149	>SMAD4-V12DSVCMNPYH	131	18
>SMAD4-V12DSVCVNPYH	470	>SMAD4-V12DSVCMNPYH	769	299
>SMAD4-V12DSVCVNPY	745	>SMAD4-V12DSVCMNPY	262	483
>SMAD4-V12DSVCVNPYH	749	>SMAD4-V12DSVCMNPYH	282	467
>SMAD4-V12DSVCVNPY	93	>SMAD4-V12DSVCMNPY	96	3
>SMAD4-V12CDSVCVNPYH	744	>SMAD4-V12CDSVCMNPY	461	283
>SMAD4-V12CDSVCVNPYH	316	>SMAD4-V12CDSVCMNPY	562	246
>SMAD4-V12KCDSVCVNPY	413	>SMAD4-V12KCDSVCMNP	374	39
>SMAD4-V12KCDSVCVNPY	1096	>SMAD4-V12KCDSVCMNP	247	849
>SMAD4-V12LKCDSVCVNF	272	>SMAD4-V12LKCDSVCMN	474	202
>SMAD4-V12LKCDSVCV	125	>SMAD4-V12LKCDSVCM	37	88
>SMAD4-V12LKCDSVCVNF	7	>SMAD4-V12LKCDSVCMN	9	2
>SMAD4-V12DLKCDSVCV	172	>SMAD4-V12DLKCDSVCM	8843	8671
>SMAD4-V12DLKCDSVCV	306	>SMAD4-V12DLKCDSVCM	15500	15194
>SMAD4-V35KVPSSCPIVTL	272	>SMAD4-V35KVPSSCPIVTL	23897	23625
>SMAD4-V35KVPSSCPIVTL	119	>SMAD4-V35KVPSSCPIVTL	23936	23817
>SMAD4-V35KVPSSCPIVTL	26	>SMAD4-V35KVPSSCPIVTL	21798	21772

>SMAD4-V35 KVPSSCPIVTV	74	>SMAD4-V35 KVPSSCPIVTE	25169	25095
>SMAD4-V35 KVPSSCPIVTV	116	>SMAD4-V35 KVPSSCPIVTE	24801	24685
>SMAD4-V35 KVPSSCPIVTV	33	>SMAD4-V35 KVPSSCPIVTE	32151	32118
>SMAD4-V35 KVPSSCPIVTV	402	>SMAD4-V35 KVPSSCPIVTE	3761	3359
>SMAD4-V35 KVPSSCPIVTV	76	>SMAD4-V35 KVPSSCPIVTE	8562	8486
>SMAD4-V35 IVTVDDGYV	941	>SMAD4-V35 IVTDDGYV	241	700
>SMAD4-V35 IVTVDDGYV	1037	>SMAD4-V35 IVTDDGYV	245	792
>SMAD4-V35 IVTVDDGYV	155	>SMAD4-V35 IVTDDGYV	64	91
>SMAD4-V35 IVTVDDGYV	398	>SMAD4-V35 IVTDDGYV	61	337
>SMAD4-V35 IVTVDDGYV	1985	>SMAD4-V35 IVTDDGYV	373	1612
>SMAD4-V35 IVTVDDGYV	454	>SMAD4-V35 IVTDDGYV	134	320
>SMAD4-V35 IVTVDDGYV	2385	>SMAD4-V35 IVTDDGYV	354	2031
>SMAD4-V35 IVTVDDGYV	87	>SMAD4-V35 IVTDDGYV	9	78
>SMAD4-V35 IVTVDDGYV	178	>SMAD4-V35 IVTDDGYV	87	91
>SMAD4-V35 PIVTDDGY	82	>SMAD4-V35 PIVTDDGY	78	4
>SMAD4-V35 CPIVTVDDGY	21	>SMAD4-V35 CPIVTVDDGY	14	7
>SMAD4-V35 CPIVTVDDGY	75	>SMAD4-V35 CPIVTVDDGY	94	19
>SMAD4-V35 CPIVTVDDGYV	122	>SMAD4-V35 CPIVTVDDGYV	642	520
>SMAD4-V35 CPIVTVDDGYV	318	>SMAD4-V35 CPIVTVDDGYV	454	136
>SMAD4-V35 CPIVTVDDGY	409	>SMAD4-V35 CPIVTVDDGY	789	380
>SMAD4-V35 SCPIVTVDDGY'	143	>SMAD4-V35 SCPIVTVDDGY'	377	234
>SMAD4-V35 SSCPIVTV	250	>SMAD4-V35 SSCPIVTD	29162	28912
>SMAD4-V35 SSCPIVTV	375	>SMAD4-V35 SSCPIVTD	29097	28722
>SMAD4-V35 SSCPIVTVDDG'	106	>SMAD4-V35 SSCPIVTVDDG'	355	249
>SMAD4-V35 SSCPIVTVDDG'	84	>SMAD4-V35 SSCPIVTVDDG'	72	12
>SMAD4-V35 SSCPIVTV	64	>SMAD4-V35 SSCPIVTD	18383	18319
>SMAD4-V35 SSCPIVTVDDG'	232	>SMAD4-V35 SSCPIVTVDDG'	476	244
>SMAD4-V35 SSCPIVTV	397	>SMAD4-V35 SSCPIVTD	10641	10244
>SMAD4-V35 SSCPIVTVDDG'	7	>SMAD4-V35 SSCPIVTVDDG'	12	5
>SMAD4-V35 SSCPIVTVDDG'	82	>SMAD4-V35 SSCPIVTVDDG'	151	69
>SMAD4-V35 SSCPIVTV	199	>SMAD4-V35 SSCPIVTD	20829	20630
>SMAD4-V35 VPSSCPIVTV	190	>SMAD4-V35 VPSSCPIVTD	35013	34823
>SMAD4-V35 VPSSCPIVTV	66	>SMAD4-V35 VPSSCPIVTD	2099	2033
>SMAD4-V45 VDDLRRICI	359	>SMAD4-V45 FDDLRRICI	81	278
>SMAD4-V45 ISLSAAAGIGV	304	>SMAD4-V45 ISLSAAAGIGF	5193	4889
>SMAD4-V45 ISLSAAAGIGV	135	>SMAD4-V45 ISLSAAAGIGF	13440	13305
>SMAD4-V45 ISLSAAAGIGV	12725	>SMAD4-V45 ISLSAAAGIGF	375	12350
>SMAD4-V45 ISLSAAAGIGV	644	>SMAD4-V45 ISLSAAAGIGF	13	631
>SMAD4-V45 ISLSAAAGIGV	69	>SMAD4-V45 ISLSAAAGIGF	3	66
>SMAD4-V45 ISLSAAAGIGV	11408	>SMAD4-V45 ISLSAAAGIGF	173	11235
>SMAD4-V45 ISLSAAAGIGV	11143	>SMAD4-V45 ISLSAAAGIGF	78	11065
>SMAD4-V45 ISLSAAAGIGV	1116	>SMAD4-V45 ISLSAAAGIGF	45	1071
>SMAD4-V45 IGVDDLRR	619	>SMAD4-V45 IGFDDLRR	199	420

>SMAD4-V4☉AAGIGVDDL	264	>SMAD4-V4☉AAGIGFDDL	280	16
>SMAD4-V4☉AAAGIGVDDI	28	>SMAD4-V4☉AAAGIGFDDL	21	7
>SMAD4-V4☉SAAAGIGV	130	>SMAD4-V4☉SAAAGIGF	16497	16367
>SMAD4-V4☉SAAAGIGV	42	>SMAD4-V4☉SAAAGIGF	2267	2225
>SMAD4-V4☉SAAAGIGV	131	>SMAD4-V4☉SAAAGIGF	19792	19661
>SMAD4-V4☉SAAAGIGV	88	>SMAD4-V4☉SAAAGIGF	19778	19690
>SMAD4-V4☉SAAAGIGV	68	>SMAD4-V4☉SAAAGIGF	28303	28235
>SMAD4-V4☉SAAAGIGV	26	>SMAD4-V4☉SAAAGIGF	12597	12571
>SMAD4-V4☉SAAAGIGVDC	880	>SMAD4-V4☉SAAAGIGFDC	433	447
>SMAD4-V4☉SAAAGIGV	40	>SMAD4-V4☉SAAAGIGF	9916	9876
>SMAD4-V4☉SAAAGIGV	10910	>SMAD4-V4☉SAAAGIGF	236	10674
>SMAD4-V4☉SAAAGIGV	11581	>SMAD4-V4☉SAAAGIGF	478	11103
>SMAD4-V4☉SAAAGIGV	5087	>SMAD4-V4☉SAAAGIGF	25	5062
>SMAD4-V4☉SAAAGIGV	12130	>SMAD4-V4☉SAAAGIGF	239	11891
>SMAD4-V4☉LSAAAGIGV	440	>SMAD4-V4☉LSAAAGIGF	6103	5663
>SMAD4-V4☉LSAAAGIGV	129	>SMAD4-V4☉LSAAAGIGF	16984	16855
>SMAD4-V4☉LSAAAGIGV	258	>SMAD4-V4☉LSAAAGIGF	15627	15369
>SMAD4-V4☉LSAAAGIGV	2541	>SMAD4-V4☉LSAAAGIGF	57	2484
>SMAD4-V4☉LSAAAGIGV	2197	>SMAD4-V4☉LSAAAGIGF	44	2153
>SMAD4-V4☉LSAAAGIGV	492	>SMAD4-V4☉LSAAAGIGF	4	488
>SMAD4-V4☉LSAAAGIGV	12390	>SMAD4-V4☉LSAAAGIGF	205	12185
>SMAD4-V4☉LSAAAGIGV	10523	>SMAD4-V4☉LSAAAGIGF	51	10472
>SMAD4-V4☉LSAAAGIGV	427	>SMAD4-V4☉LSAAAGIGF	125	302
>SMAD4-V4☉LSAAAGIGV	5832	>SMAD4-V4☉LSAAAGIGF	325	5507
>SMAD4-V4☉SLSAAAGIGV	41	>SMAD4-V4☉SLSAAAGIGF	5784	5743
>SMAD4-V4☉SLSAAAGIGV	18	>SMAD4-V4☉SLSAAAGIGF	2522	2504
>SMAD4-V4☉SLSAAAGIGV	23	>SMAD4-V4☉SLSAAAGIGF	6767	6744
>SMAD4-V4☉SLSAAAGIGV	96	>SMAD4-V4☉SLSAAAGIGF	13214	13118
>SMAD4-V4☉SLSAAAGIGV	6	>SMAD4-V4☉SLSAAAGIGF	3872	3866
>SMAD4-V4☉SLSAAAGIGV	13	>SMAD4-V4☉SLSAAAGIGF	14449	14436
>SMAD4-V4☉SLSAAAGIGV	6	>SMAD4-V4☉SLSAAAGIGF	7858	7852
>SMAD4-V4☉SLSAAAGIGV	26	>SMAD4-V4☉SLSAAAGIGF	17673	17647
>SMAD4-V4☉SLSAAAGIGV	3	>SMAD4-V4☉SLSAAAGIGF	3336	3333
>SMAD4-V4☉SLSAAAGIGV	163	>SMAD4-V4☉SLSAAAGIGF	17145	16982
>SMAD4-V4☉SLSAAAGIGV	247	>SMAD4-V4☉SLSAAAGIGF	16888	16641
>SMAD4-V4☉SLSAAAGIGV	3803	>SMAD4-V4☉SLSAAAGIGF	77	3726
>SMAD4-V4☉SLSAAAGIGV	2582	>SMAD4-V4☉SLSAAAGIGF	71	2511
>SMAD4-V4☉SLSAAAGIGV	7664	>SMAD4-V4☉SLSAAAGIGF	274	7390
>SMAD4-V4☉SLSAAAGIGV	917	>SMAD4-V4☉SLSAAAGIGF	90	827
>SMAD4-V5☉VKGWGPDY	751	>SMAD4-V5☉MKGWGPDY	187	564
>SMAD4-V5☉VKGWGPDY	206	>SMAD4-V5☉MKGWGPDY	283	77
>SMAD4-V5☉VKGWGPDY	511	>SMAD4-V5☉MKGWGPDY	153	358
>SMAD4-V5☉VKGWGPDYF	213	>SMAD4-V5☉MKGWGPDYF	63	150

>SMAD4-V5C FVKGWGPDY	13102	>SMAD4-V5C FMKGWGPD'	443	12659
>SMAD4-V5C FVKGWGPDY	8218	>SMAD4-V5C FMKGWGPD'	106	8112
>SMAD4-V5C FVKGWGPDY	35	>SMAD4-V5C FMKGWGPD'	2050	2015
>SMAD4-V5C FVKGWGPDY	104	>SMAD4-V5C FMKGWGPD'	3128	3024
>SMAD4-V5C FVKGWGPDY	10	>SMAD4-V5C FMKGWGPD'	7	3
>SMAD4-V5C FVKGWGPDY	82	>SMAD4-V5C FMKGWGPD'	29	53
>SMAD4-V5C FVKGWGPDY	77	>SMAD4-V5C FMKGWGPD'	31	46
>SMAD4-V5C FVKGWGPDY	56	>SMAD4-V5C FMKGWGPD'	29	27
>SMAD4-V5C FVKGWGPDY	45	>SMAD4-V5C FMKGWGPD'	193	148
>SMAD4-V5C FVKGWGPDY	92	>SMAD4-V5C FMKGWGPD'	42	50
>SMAD4-V5C FVKGWGPDY	169	>SMAD4-V5C FMKGWGPD'	29	140
>SMAD4-V5C FVKGWGPDY	1729	>SMAD4-V5C FMKGWGPD'	31	1698
>SMAD4-V5C FVKGWGPDY	484	>SMAD4-V5C FMKGWGPD'	942	458
>SMAD4-V5C FVKGWGPDY	418	>SMAD4-V5C FMKGWGPD'	2995	2577
>SMAD4-V5C FVKGWGPDY	703	>SMAD4-V5C FMKGWGPD'	474	229
>SMAD4-V5C FVKGWGPDY	175	>SMAD4-V5C FMKGWGPD'	60	115
>SMAD4-V5C RRLCILRMSF\	247	>SMAD4-V5C RRLCILRMSFI	70	177
>SMAD4-V5C RRLCILRMSF\	23	>SMAD4-V5C RRLCILRMSFI	14	9
>SMAD4-V5C RRLCILRMSF\	1502	>SMAD4-V5C RRLCILRMSFI	77	1425
>SMAD4-V5C RRLCILRMSF\	36	>SMAD4-V5C RRLCILRMSFI	40	4
>SMAD4-V5C RRLCILRMSF\	29	>SMAD4-V5C RRLCILRMSFI	27	2
>SMAD4-V5C SFVKGWGPDI	264	>SMAD4-V5C SFMKGWGPI	115	149
>SMAD4-V5C SFVKGWGPDI	433	>SMAD4-V5C SFMKGWGPI	133	300
>SMAD4-V5C SFVKGWGPDI	792	>SMAD4-V5C SFMKGWGPI	484	308
>SMAD4-V5C SFVKGWGPDI	189	>SMAD4-V5C SFMKGWGPI	81	108
>SMAD4-V5C SFVKGWGPDI	245	>SMAD4-V5C SFMKGWGPI	261	16
>SMAD4-V5C MSFVKGWGI	382	>SMAD4-V5C MSFMKGWG	225	157
>SMAD4-V5C MSFVKGWGI	525	>SMAD4-V5C MSFMKGWG	267	258
>SMAD4-V5C MSFVKGWGI	18	>SMAD4-V5C MSFMKGWG	17	1
>SMAD4-V5C MSFVKGWGI	22	>SMAD4-V5C MSFMKGWG	21	1
>SMAD4-V5C MSFVKGWGI	659	>SMAD4-V5C MSFMKGWG	420	239
>SMAD4-V5C MSFVKGWGI	222	>SMAD4-V5C MSFMKGWG	140	82
>SMAD4-V5C MSFVKGWGI	39	>SMAD4-V5C MSFMKGWG	28	11
>SMAD4-V5C MSFVKGWGI	4	>SMAD4-V5C MSFMKGWG	4	0
>SMAD4-V5C MSFVKGWGI	226	>SMAD4-V5C MSFMKGWG	174	52
>SMAD4-V5C MSFVKGWGI	305	>SMAD4-V5C MSFMKGWG	531	226
>SMAD4-V5C MSFVKGWGI	147	>SMAD4-V5C MSFMKGWG	104	43
>SMAD4-V5C MSFVKGWGI	376	>SMAD4-V5C MSFMKGWG	384	8
>SMAD4-V5C MSFVKGWGI	462	>SMAD4-V5C MSFMKGWG	500	38
>SMAD4-V5C RMSFVKGW	172	>SMAD4-V5C RMSFMKGW	257	85
>SMAD4-V5C RMSFVKGW	130	>SMAD4-V5C RMSFMKGW	59	71
>SMAD4-V5C RMSFVKGW	161	>SMAD4-V5C RMSFMKGW	282	121
>SMAD4-V5C RMSFVKGW	20	>SMAD4-V5C RMSFMKGW	44	24

>SMAD4-V5C RMSFVKGW	501	>SMAD4-V5C RMSFMKGW	375	126
>SMAD4-V5C LRMSFVKGW	176	>SMAD4-V5C LRMSFMKGV	321	145
>SMAD4-V5C LRMSFVKGW	220	>SMAD4-V5C LRMSFMKGV	330	110
>SMAD4-V5C LRMSFVKGW	418	>SMAD4-V5C LRMSFMKGV	502	84
>SMAD4-V5C LRMSFVKGW	355	>SMAD4-V5C LRMSFMKGV	1087	732
>SMAD4-V5C LRMSFVKGW	620	>SMAD4-V5C LRMSFMKGV	198	422
>SMAD4-V5C ILRMSFVK	36	>SMAD4-V5C ILRMSFMK	31	5
>SMAD4-V5C ILRMSFVK	388	>SMAD4-V5C ILRMSFMK	169	219
>SMAD4-V5C ILRMSFVK	9	>SMAD4-V5C ILRMSFMK	8	1
>SMAD4-V5C ILRMSFVKG	1228	>SMAD4-V5C ILRMSFMKG	357	871
>SMAD4-V5C ILRMSFVK	239	>SMAD4-V5C ILRMSFMK	253	14
>SMAD4-V5C ILRMSFVKGV	232	>SMAD4-V5C ILRMSFMKG\	329	97
>SMAD4-V5C ILRMSFVKGV	19	>SMAD4-V5C ILRMSFMKG\	16	3
>SMAD4-V5C ILRMSFVKGV	173	>SMAD4-V5C ILRMSFMKG\	138	35
>SMAD4-V5C CILRMSFV	279	>SMAD4-V5C CILRMSFM	5913	5634
>SMAD4-V5C CILRMSFV	471	>SMAD4-V5C CILRMSFM	4920	4449
>SMAD4-V5C CILRMSFV	235	>SMAD4-V5C CILRMSFM	4746	4511
>SMAD4-V5C CILRMSFV	42	>SMAD4-V5C CILRMSFM	1775	1733
>SMAD4-V5C CILRMSFV	65	>SMAD4-V5C CILRMSFM	5406	5341
>SMAD4-V5C CILRMSFV	201	>SMAD4-V5C CILRMSFM	8978	8777
>SMAD4-V5C CILRMSFV	100	>SMAD4-V5C CILRMSFM	12099	11999
>SMAD4-V5C CILRMSFV	59	>SMAD4-V5C CILRMSFM	4636	4577
>SMAD4-V5C CILRMSFV	35	>SMAD4-V5C CILRMSFM	9864	9829
>SMAD4-V5C CILRMSFVK	106	>SMAD4-V5C CILRMSFMK	80	26
>SMAD4-V5C CILRMSFVK	19	>SMAD4-V5C CILRMSFMK	16	3
>SMAD4-V5C CILRMSFV	6754	>SMAD4-V5C CILRMSFM	231	6523
>SMAD4-V5C CILRMSFVK	109	>SMAD4-V5C CILRMSFMK	128	19
>SMAD4-V5C CILRMSFVK	518	>SMAD4-V5C CILRMSFMK	405	113
>SMAD4-V5C CILRMSFVK	419	>SMAD4-V5C CILRMSFMK	234	185
>SMAD4-V5C CILRMSFV	485	>SMAD4-V5C CILRMSFM	11154	10669
>SMAD4-V5C CILRMSFV	369	>SMAD4-V5C CILRMSFM	4371	4002
>SMAD4-V5C CILRMSFVKG	667	>SMAD4-V5C CILRMSFMKC	472	195
>SMAD4-V5C CILRMSFVKG	125	>SMAD4-V5C CILRMSFMKC	312	187
>SMAD4-V5C LCILRMSFVK	853	>SMAD4-V5C LCILRMSFMK	434	419
>SMAD4-V5C LCILRMSFVK	708	>SMAD4-V5C LCILRMSFMK	397	311
>SMAD4-V5C LCILRMSFV	3400	>SMAD4-V5C LCILRMSFM	31	3369
>SMAD4-V5C LCILRMSFV	679	>SMAD4-V5C LCILRMSFM	38	641
>SMAD4-V5C RLCILRMSFV	44	>SMAD4-V5C RLCILRMSFM	539	495
>SMAD4-V5C RLCILRMSFV	100	>SMAD4-V5C RLCILRMSFM	277	177
>SMAD4-V5C RLCILRMSFV	31	>SMAD4-V5C RLCILRMSFM	406	375
>SMAD4-V5C RLCILRMSFV	131	>SMAD4-V5C RLCILRMSFM	1793	1662
>SMAD4-V5C RLCILRMSFV	9	>SMAD4-V5C RLCILRMSFM	797	788
>SMAD4-V5C RLCILRMSFV	444	>SMAD4-V5C RLCILRMSFM	11341	10897



>SMAD4-V5C RLCILRMSFV	33	>SMAD4-V5C RLCILRMSFM	6179	6146
>SMAD4-V5C RLCILRMSFV	7	>SMAD4-V5C RLCILRMSFM	1173	1166
>SMAD4-V5C RLCILRMSFVI	41	>SMAD4-V5C RLCILRMSFM	37	4
>SMAD4-V5C RLCILRMSFVI	25	>SMAD4-V5C RLCILRMSFM	19	6
>SMAD4-V5C RLCILRMSFV	425	>SMAD4-V5C RLCILRMSFM	663	238
>SMAD4-V5C RLCILRMSFVI	29	>SMAD4-V5C RLCILRMSFM	31	2
>SMAD4-V5C RLCILRMSFVI	47	>SMAD4-V5C RLCILRMSFM	39	8
>SMAD4-V5C RLCILRMSFV	1181	>SMAD4-V5C RLCILRMSFM	51	1130
>SMAD4-V5C RLCILRMSFVI	400	>SMAD4-V5C RLCILRMSFM	580	180
>SMAD4-V53 VLHTMPIA	69	>SMAD4-V53 GLHTMPIA	76	7
>SMAD4-V53 VLHTMPIA	271	>SMAD4-V53 GLHTMPIA	669	398
>SMAD4-V53 VLHTMPIA	433	>SMAD4-V53 GLHTMPIA	378	55
>SMAD4-V53 VLHTMPIA	30	>SMAD4-V53 GLHTMPIA	56	26
>SMAD4-V53 EVLHTMPI	212	>SMAD4-V53 EGLHTMPI	22816	22604
>SMAD4-V53 EVLHTMPIA	355	>SMAD4-V53 EGLHTMPIA	26586	26231
>SMAD4-V53 EVLHTMPI	393	>SMAD4-V53 EGLHTMPI	15756	15363
>SMAD4-V53 EVLHTMPI	21	>SMAD4-V53 EGLHTMPI	1108	1087
>SMAD4-V53 EVLHTMPI	5	>SMAD4-V53 EGLHTMPI	151	146
>SMAD4-V53 EVLHTMPIA	32	>SMAD4-V53 EGLHTMPIA	3460	3428
>SMAD4-V53 DEVLHTMPI	14	>SMAD4-V53 DEGLHTMPI	18	4
>SMAD4-V53 DEVLHTMPI	15	>SMAD4-V53 DEGLHTMPI	71	56
>SMAD4-V53 DEVLHTMPIA	35	>SMAD4-V53 DEGLHTMPIA	243	208
>SMAD4-V53 DEVLHTMPI	23	>SMAD4-V53 DEGLHTMPI	94	71
>SMAD4-V53 LDEVLHTMPI	567	>SMAD4-V53 LDEGLHTMPI	354	213
>SMAD4-V53 LDEVLHTMPI	98	>SMAD4-V53 LDEGLHTMPI	235	137
>SMAD4-V53 LLDEVLHT	142	>SMAD4-V53 LLDEGLHT	459	317
>SMAD4-V53 LLDEVLHTM	19	>SMAD4-V53 LLDEGLHTM	19	0
>SMAD4-V53 LLDEVLHTMF	11	>SMAD4-V53 LLDEGLHTMF	11	0
>SMAD4-V53 LLDEVLHTM	59	>SMAD4-V53 LLDEGLHTM	97	38
>SMAD4-V53 LLDEVLHTMF	17	>SMAD4-V53 LLDEGLHTMF	22	5
>SMAD4-V53 LLDEVLHTM	236	>SMAD4-V53 LLDEGLHTM	200	36
>SMAD4-V53 LLDEVLHTMF	13	>SMAD4-V53 LLDEGLHTMF	10	3
>SMAD4-V53 LLDEVLHT	125	>SMAD4-V53 LLDEGLHT	153	28
>SMAD4-V53 LLDEVLHTM	28	>SMAD4-V53 LLDEGLHTM	16	12
>SMAD4-V53 LLDEVLHTMF	13	>SMAD4-V53 LLDEGLHTMF	11	2
>SMAD4-V53 LLDEVLHT	15	>SMAD4-V53 LLDEGLHT	40	25
>SMAD4-V53 LLDEVLHTM	2	>SMAD4-V53 LLDEGLHTM	3	1
>SMAD4-V53 LLDEVLHTMF	244	>SMAD4-V53 LLDEGLHTMF	448	204
>SMAD4-V53 LLDEVLHTMF	3	>SMAD4-V53 LLDEGLHTMF	3	0
>SMAD4-V53 LLDEVLHT	154	>SMAD4-V53 LLDEGLHT	229	75
>SMAD4-V53 LLDEVLHTM	3	>SMAD4-V53 LLDEGLHTM	3	0
>SMAD4-V53 LLDEVLHTMF	3	>SMAD4-V53 LLDEGLHTMF	3	0
>SMAD4-V53 LLDEVLHT	35	>SMAD4-V53 LLDEGLHT	67	32

>SMAD4-V53LLDEVLHTM	8	>SMAD4-V53LLDEGLHTM	9	1
>SMAD4-V53LLDEVLHTMF	9	>SMAD4-V53LLDEGLHTMF	10	1
>SMAD4-V53LLDEVLHTM	4	>SMAD4-V53LLDEGLHTM	3	1
>SMAD4-V53LLDEVLHTMF	9	>SMAD4-V53LLDEGLHTMF	8	1
>SMAD4-V53LLDEVLHT	23	>SMAD4-V53LLDEGLHT	25	2
>SMAD4-V53LLDEVLHTM	3	>SMAD4-V53LLDEGLHTM	2	1
>SMAD4-V53LLDEVLHTMF	5	>SMAD4-V53LLDEGLHTMF	4	1
>SMAD4-V53LLDEVLHTM	245	>SMAD4-V53LLDEGLHTM	260	15
>SMAD4-V53LLDEVLHTMF	69	>SMAD4-V53LLDEGLHTMF	69	0
>SMAD4-V53QLLDEVLHTM	40	>SMAD4-V53QLLDEGLHTM	92	52
>SMAD4-V53QLLDEVLHTM	37	>SMAD4-V53QLLDEGLHTM	59	22
>SMAD4-V53QLLDEVLHTM	130	>SMAD4-V53QLLDEGLHTM	132	2
>SMAD4-V53QLLDEVLHT	193	>SMAD4-V53QLLDEGLHT	718	525
>SMAD4-V53QLLDEVLHTM	193	>SMAD4-V53QLLDEGLHTM	413	220
>SMAD4-V53QLLDEVLHT	157	>SMAD4-V53QLLDEGLHT	639	482
>SMAD4-V53QLLDEVLHTM	8	>SMAD4-V53QLLDEGLHTM	19	11
>SMAD4-V53QLLDEVLHTM	13	>SMAD4-V53QLLDEGLHTM	20	7
>SMAD4-V53QLLDEVLHT	276	>SMAD4-V53QLLDEGLHT	959	683
>SMAD4-V53QLLDEVLHTM	45	>SMAD4-V53QLLDEGLHTM	109	64
>SMAD4-V53QLLDEVLHTM	10	>SMAD4-V53QLLDEGLHTM	30	20
>SMAD4-V53QLLDEVLHT	53	>SMAD4-V53QLLDEGLHT	221	168
>SMAD4-V53QLLDEVLHTM	8	>SMAD4-V53QLLDEGLHTM	12	4
>SMAD4-V53QLLDEVLHTM	147	>SMAD4-V53QLLDEGLHTM	256	109
>SMAD4-V53LQLLDEVL	251	>SMAD4-V53LQLLDEGL	128	123
>SMAD4-V53LQLLDEVLHT	343	>SMAD4-V53LQLLDEGLHT	292	51
>SMAD4-V53LQLLDEVLHT	80	>SMAD4-V53LQLLDEGLHT	142	62
>SMAD4-V53LQLLDEVL	211	>SMAD4-V53LQLLDEGL	1099	888
>SMAD4-V53LQLLDEVLHT	86	>SMAD4-V53LQLLDEGLHT	216	130
>SMAD4-V53ALQLLDEV	86	>SMAD4-V53ALQLLDEG	20050	19964
>SMAD4-V53ALQLLDEV	29	>SMAD4-V53ALQLLDEG	4846	4817
>SMAD4-V53ALQLLDEV	309	>SMAD4-V53ALQLLDEGL	112	197
>SMAD4-V53ALQLLDEV	113	>SMAD4-V53ALQLLDEG	17259	17146
>SMAD4-V53ALQLLDEV	218	>SMAD4-V53ALQLLDEG	17694	17476
>SMAD4-V53ALQLLDEV	15	>SMAD4-V53ALQLLDEG	13818	13803
>SMAD4-V53ALQLLDEV	1181	>SMAD4-V53ALQLLDEGL	470	711
>SMAD4-V53ALQLLDEV	13	>SMAD4-V53ALQLLDEG	15998	15985
>SMAD4-V53ALQLLDEV	411	>SMAD4-V53ALQLLDEGL	156	255
>SMAD4-V53ALQLLDEV	19	>SMAD4-V53ALQLLDEG	18086	18067
>SMAD4-V53ALQLLDEV	65	>SMAD4-V53ALQLLDEG	24396	24331
>SMAD4-V53ALQLLDEV	4	>SMAD4-V53ALQLLDEG	18212	18208
>SMAD4-V53ALQLLDEV	104	>SMAD4-V53ALQLLDEGL	45	59
>SMAD4-V53RALQLLDEV	163	>SMAD4-V53RALQLLDEG	3357	3194
>SMAD4-V53RALQLLDEV	21	>SMAD4-V53RALQLLDEG	11946	11925

>SMAD4-V53RALQLLDEVL	1000	>SMAD4-V53RALQLLDEGL	346	654
>SMAD4-V53RALQLLDEV	46	>SMAD4-V53RALQLLDEG	21379	21333
>SMAD4-V53RALQLLDEV	189	>SMAD4-V53RALQLLDEG	23890	23701
>SMAD4-V53RALQLLDEVL	55	>SMAD4-V53RALQLLDEGL	26	29
>SMAD4-V53RALQLLDEVL	108	>SMAD4-V53RALQLLDEGL	388	280
>SMAD4-V53HRALQLLDEV	229	>SMAD4-V53HRALQLLDEC	1565	1336
>SMAD4-V53HRALQLLDEV	183	>SMAD4-V53HRALQLLDEC	112	71
>SMAD4-V53HRALQLLDEV	149	>SMAD4-V53HRALQLLDEC	1433	1284
>SMAD4-V53HRALQLLDEV	142	>SMAD4-V53HRALQLLDEC	107	35
>SMAD4-W3WPVHNELAF	3515	>SMAD4-W3RPVHNELAF	293	3222
>SMAD4-W3WPVHNELAF	49	>SMAD4-W3RPVHNELAF	13	36
>SMAD4-W3WPVHNELAF	51	>SMAD4-W3RPVHNELAF	27	24
>SMAD4-W3WPVHNELA	323	>SMAD4-W3RPVHNELA	5908	5585
>SMAD4-W3WPVHNELAF	6	>SMAD4-W3RPVHNELAF	12	6
>SMAD4-W3WPVHNELAF	38	>SMAD4-W3RPVHNELAF	579	541
>SMAD4-W3WPVHNELA	25	>SMAD4-W3RPVHNELA	445	420
>SMAD4-W3WPVHNELAF	343	>SMAD4-W3RPVHNELAF	4717	4374
>SMAD4-W3WPVHNELAF	557	>SMAD4-W3RPVHNELAF	166	391
>SMAD4-W3WPVHNELAF	16	>SMAD4-W3RPVHNELAF	141	125
>SMAD4-W3YWPVHNELA	22	>SMAD4-W3YRPVHNELAF	5148	5126
>SMAD4-W3YWPVHNEL	280	>SMAD4-W3YRPVHNEL	16569	16289
>SMAD4-W3YWPVHNELA	27	>SMAD4-W3YRPVHNELAF	2880	2853
>SMAD4-W3YWPVHNEL	9	>SMAD4-W3YRPVHNEL	10286	10277
>SMAD4-W3YWPVHNELA	5	>SMAD4-W3YRPVHNELAF	3226	3221
>SMAD4-W3YWPVHNELA	216	>SMAD4-W3YRPVHNELAF	5146	4930
>SMAD4-W3YWPVHNELA	754	>SMAD4-W3YRPVHNELAF	30	724
>SMAD4-W3YWPVHNEL	372	>SMAD4-W3YRPVHNEL	36566	36194
>SMAD4-W3YWPVHNELA	453	>SMAD4-W3YRPVHNELAF	36333	35880
>SMAD4-W3PPMPPHPGH	101	>SMAD4-W3PPMPPHPGH	25272	25171
>SMAD4-W3PPMPPHPGH	62	>SMAD4-W3PPMPPHPGH	29219	29157
>SMAD4-W3PPMPPHPGH	31962	>SMAD4-W3PPMPPHPGH	325	31637
>SMAD4-W3HYWPVHNEL	34	>SMAD4-W3HYRPVHNEL	82	48
>SMAD4-W3HYWPVHNEL	33	>SMAD4-W3HYRPVHNEL	168	135
>SMAD4-W3HYWPVHNEL	21	>SMAD4-W3HYRPVHNEL/	72	51
>SMAD4-W3HYWPVHNEL	231	>SMAD4-W3HYRPVHNEL	548	317
>SMAD4-W3HYWPVHNEL	168	>SMAD4-W3HYRPVHNEL/	335	167
>SMAD4-W3HYWPVHNEL	5	>SMAD4-W3HYRPVHNEL	7	2
>SMAD4-W3HYWPVHNEL	4	>SMAD4-W3HYRPVHNEL/	6	2
>SMAD4-W3HYWPVHNEL	78	>SMAD4-W3HYRPVHNEL/	1382	1304
>SMAD4-W3HYWPVHNE	12121	>SMAD4-W3HYRPVHNE	192	11929
>SMAD4-W3HYWPVHNEL	1121	>SMAD4-W3HYRPVHNEL	7	1114
>SMAD4-W3HYWPVHNEL	1668	>SMAD4-W3HYRPVHNEL/	9	1659
>SMAD4-W3HYWPVHNEL	7733	>SMAD4-W3HYRPVHNEL/	41	7692

>SMAD4-W3 HYWPVHNEL	199	>SMAD4-W3 HYRPVHNEL/	5531	5332
>SMAD4-W3 HYWPVHNEL	82	>SMAD4-W3 HYRPVHNEL/	144	62
>SMAD4-W3 HYWPVHNEL	67	>SMAD4-W3 HYRPVHNEL/	1463	1396
>SMAD4-W3 HYWPVHNEL	188	>SMAD4-W3 HYRPVHNEL	708	520
>SMAD4-W3 GHYWPVHNE	2064	>SMAD4-W3 GHYRPVHNE	488	1576
>SMAD4-W3 GHYWPVHNE	249	>SMAD4-W3 GHYRPVHNE	221	28
>SMAD4-W3 GHYWPVHNE	143	>SMAD4-W3 GHYRPVHNE	496	353
>SMAD4-W3 HPGHYWPV	139	>SMAD4-W3 HPGHYRPV	958	819
>SMAD4-W3 HPGHYWPV	102	>SMAD4-W3 HPGHYRPV	20	82
>SMAD4-W3 HPGHYWPV†	96	>SMAD4-W3 HPGHYRPVH	280	184
>SMAD4-W3 HPGHYWPV	205	>SMAD4-W3 HPGHYRPV	511	306
>SMAD4-W3 PPHPGHYW	134	>SMAD4-W3 PPHPGHYR	24727	24593
>SMAD4-W3 PPHPGHYW	49	>SMAD4-W3 PPHPGHYR	29628	29579
>SMAD4-W3 PPHPGHYW	33017	>SMAD4-W3 PPHPGHYR	311	32706
>SMAD4-W3 MPPHPGHYV	27	>SMAD4-W3 MPPHPGHYR	193	166
>SMAD4-W3 MPPHPGHYV	118	>SMAD4-W3 MPPHPGHYR	696	578
>SMAD4-W3 MPPHPGHYV	64	>SMAD4-W3 MPPHPGHYR	29	35
>SMAD4-W3 MPPHPGHYV	447	>SMAD4-W3 MPPHPGHYR	8599	8152
>SMAD4-W3 MPPHPGHYV	225	>SMAD4-W3 MPPHPGHYR	234	9
>SMAD4-W3 MPPHPGHYV	27	>SMAD4-W3 MPPHPGHYR	20859	20832
>SMAD4-W3 MPPHPGHYV	237	>SMAD4-W3 MPPHPGHYR	520	283
>SMAD4-W3 MPPHPGHYV	218	>SMAD4-W3 MPPHPGHYR	248	30
>SMAD4-W3 MPPHPGHYV	9	>SMAD4-W3 MPPHPGHYR	10	1
>SMAD4-W3 MPPHPGHYV	386	>SMAD4-W3 MPPHPGHYR	7606	7220
>SMAD4-W3 MPPHPGHYV	355	>SMAD4-W3 MPPHPGHYR	1165	810
>SMAD4-W3 MPPHPGHYV	18	>SMAD4-W3 MPPHPGHYR	26695	26677
>SMAD4-W3 MPPHPGHYV	205	>SMAD4-W3 MPPHPGHYR	32147	31942
>SMAD4-W3 MPPHPGHYV	28452	>SMAD4-W3 MPPHPGHYR	118	28334
>SMAD4-W3 PMPPHPGHY	391	>SMAD4-W3 PMPPHPGHY	29340	28949
>SMAD4-W3 PMPPHPGHY	28291	>SMAD4-W3 PMPPHPGHY	103	28188
>SMAD4-W3 PMPPHPGHY	22373	>SMAD4-W3 PMPPHPGHY	59	22314
>SMAD4-W9 WRWPDLHKI	311	>SMAD4-W9 RRWPDLHKN	104	207
>SMAD4-W9 WRWPDLHK	40	>SMAD4-W9 RRWPDLHK	16	24
>SMAD4-W9 WRWPDLHKI	267	>SMAD4-W9 RRWPDLHKN	33	234
>SMAD4-W9 WRWPDLHKI	431	>SMAD4-W9 RRWPDLHKN	120	311
>SMAD4-W9 WRWPDLHKI	104	>SMAD4-W9 RRWPDLHKN	17	87
>SMAD4-W9 WRWPDLHKI	261	>SMAD4-W9 RRWPDLHKN	2865	2604
>SMAD4-W9 WRWPDLHKI	310	>SMAD4-W9 RRWPDLHKN	526	216
>SMAD4-W9 WRWPDLHK	97	>SMAD4-W9 RRWPDLHK	12	85
>SMAD4-W9 WRWPDLHKI	4511	>SMAD4-W9 RRWPDLHKN	75	4436
>SMAD4-W9 WRWPDLHKI	1062	>SMAD4-W9 RRWPDLHKN	179	883
>SMAD4-W9 WRWPDLHKI	247	>SMAD4-W9 RRWPDLHKN	15	232
>SMAD4-W9 WRWPDLHK	2070	>SMAD4-W9 RRWPDLHK	131	1939

>SMAD4-W9 WRWPDHLKI	427	>SMAD4-W9 RRWPDHLKN	60	367
>SMAD4-W9 WRWPDHLKI	1014	>SMAD4-W9 RRWPDHLKN	253	761
>SMAD4-W9 WRWPDHLKI	6	>SMAD4-W9 RRWPDHLKN	3	3
>SMAD4-W9 WRWPDHLK	1514	>SMAD4-W9 RRWPDHLK	287	1227
>SMAD4-W9 LWRWPDHLK	80	>SMAD4-W9 LRRWPDHLK	904	824
>SMAD4-W9 LWRWPDHLK	18544	>SMAD4-W9 LRRWPDHLK	477	18067
>SMAD4-W9 LWRWPDHLK	89	>SMAD4-W9 LRRWPDHLK	9675	9586
>SMAD4-W9 LWRWPDHL	153	>SMAD4-W9 LRRWPDHL	29798	29645
>SMAD4-W9 GFPHVIYARLI	181	>SMAD4-W9 GFPHVIYARLI	7449	7268
>SMAD4-W9 GFPHVIYARLI	19328	>SMAD4-W9 GFPHVIYARLI	240	19088
>SMAD4-W9 RLWRWPD	25	>SMAD4-W9 RLRRWPD	5726	5701
>SMAD4-W9 RLWRWPD	337	>SMAD4-W9 RLRRWPD	5350	5013
>SMAD4-W9 RLWRWPD	5	>SMAD4-W9 RLRRWPD	211	206
>SMAD4-W9 RLWRWPDH	410	>SMAD4-W9 RLRRWPDH	12896	12486
>SMAD4-W9 RLWRWPDH	111	>SMAD4-W9 RLRRWPDH	8227	8116
>SMAD4-W9 RLWRWPD	61	>SMAD4-W9 RLRRWPD	1980	1919
>SMAD4-W9 RLWRWPD	8	>SMAD4-W9 RLRRWPD	787	779
>SMAD4-W9 RLWRWPD	48	>SMAD4-W9 RLRRWPD	7568	7520
>SMAD4-W9 RLWRWPD	9	>SMAD4-W9 RLRRWPD	27	18
>SMAD4-W9 RLWRWPDH	24	>SMAD4-W9 RLRRWPDH	20	4
>SMAD4-W9 RLWRWPDH	164	>SMAD4-W9 RLRRWPDH	455	291
>SMAD4-W9 RLWRWPD	4347	>SMAD4-W9 RLRRWPD	25	4322
>SMAD4-W9 RLWRWPDH	184	>SMAD4-W9 RLRRWPDH	4	180
>SMAD4-W9 RLWRWPD	111	>SMAD4-W9 RLRRWPD	2289	2178
>SMAD4-W9 RLWRWPD	301	>SMAD4-W9 RLRRWPD	531	230
>SMAD4-W9 RLWRWPD	198	>SMAD4-W9 RLRRWPD	856	658
>SMAD4-W9 RLWRWPDH	18	>SMAD4-W9 RLRRWPDH	26	8
>SMAD4-W9 RLWRWPDH	104	>SMAD4-W9 RLRRWPDH	824	720
>SMAD4-W9 ARLWRWPD	1943	>SMAD4-W9 ARLRRWPD	475	1468
>SMAD4-W9 ARLWRWPD	134	>SMAD4-W9 ARLRRWPD	133	1
>SMAD4-W9 ARLWRWPD	64	>SMAD4-W9 ARLRRWPD	137	73
>SMAD4-W9 ARLWRWPD	50	>SMAD4-W9 ARLRRWPD	47	3
>SMAD4-W9 ARLWRWPD	63	>SMAD4-W9 ARLRRWPD	56	7
>SMAD4-W9 ARLWRWPD	12	>SMAD4-W9 ARLRRWPD	17	5
>SMAD4-W9 ARLWRWPD	159	>SMAD4-W9 ARLRRWPD	231	72
>SMAD4-W9 YARLWRWPD	694	>SMAD4-W9 YARLRRWPD	238	456
>SMAD4-W9 YARLWRWPD	5989	>SMAD4-W9 YARLRRWPD	144	5845
>SMAD4-W9 YARLWRWPD	96	>SMAD4-W9 YARLRRWPD	93	3
>SMAD4-W9 IYARLWRWPD	440	>SMAD4-W9 IYARLRRWPD	781	341
>SMAD4-W9 IYARLWRWPD	346	>SMAD4-W9 IYARLRRWPD	258	88
>SMAD4-W9 IYARLWRW	53	>SMAD4-W9 IYARLRRW	240	187
>SMAD4-W9 IYARLWRWPD	434	>SMAD4-W9 IYARLRRWPD	585	151
>SMAD4-W9 IYARLWRW	19	>SMAD4-W9 IYARLRRW	103	84

>SMAD4-W9 IYARLWRWPI	41	>SMAD4-W9 IYARLRRWPC	134	93
>SMAD4-W9 IYARLWRW	27	>SMAD4-W9 IYARLRRW	81	54
>SMAD4-W9 IYARLWRWPI	78	>SMAD4-W9 IYARLRRWPC	72	6
>SMAD4-W9 IYARLWRW	257	>SMAD4-W9 IYARLRRW	2598	2341
>SMAD4-W9 VIYARLWR	66	>SMAD4-W9 VIYARLRR	65	1
>SMAD4-W9 VIYARLWR	108	>SMAD4-W9 VIYARLRR	179	71
>SMAD4-W9 VIYARLWR	24	>SMAD4-W9 VIYARLRR	41	17
>SMAD4-W9 VIYARLWR	124	>SMAD4-W9 VIYARLRR	417	293
>SMAD4-W9 VIYARLWR	94	>SMAD4-W9 VIYARLRR	274	180
>SMAD4-W9 VIYARLWRW	25	>SMAD4-W9 VIYARLRRW	23	2
>SMAD4-W9 VIYARLWRW	63	>SMAD4-W9 VIYARLRRW	147	84
>SMAD4-W9 VIYARLWRW	15	>SMAD4-W9 VIYARLRRW	450	435
>SMAD4-W9 VIYARLWR	82	>SMAD4-W9 VIYARLRR	116	34
>SMAD4-W9 HVIYARLWRV	322	>SMAD4-W9 HVIYARLRRV	496	174
>SMAD4-W9 HVIYARLWR	441	>SMAD4-W9 HVIYARLRR	427	14
>SMAD4-W9 HVIYARLW	15418	>SMAD4-W9 HVIYARLR	40	15378
>SMAD4-W9 HVIYARLWR	25	>SMAD4-W9 HVIYARLRR	37	12
>SMAD4-W9 HVIYARLW	22428	>SMAD4-W9 HVIYARLR	69	22359
>SMAD4-W9 HVIYARLWR	36	>SMAD4-W9 HVIYARLRR	66	30
>SMAD4-W9 HVIYARLW	6257	>SMAD4-W9 HVIYARLR	6	6251
>SMAD4-W9 HVIYARLWR	4	>SMAD4-W9 HVIYARLRR	6	2
>SMAD4-W9 HVIYARLW	192	>SMAD4-W9 HVIYARLR	23992	23800
>SMAD4-W9 HVIYARLWRV	133	>SMAD4-W9 HVIYARLRRV	102	31
>SMAD4-W9 HVIYARLW	97	>SMAD4-W9 HVIYARLR	22990	22893
>SMAD4-W9 HVIYARLWRV	69	>SMAD4-W9 HVIYARLRRV	105	36
>SMAD4-W9 HVIYARLW	65	>SMAD4-W9 HVIYARLR	22022	21957
>SMAD4-W9 HVIYARLWRV	20	>SMAD4-W9 HVIYARLRRV	182	162
>SMAD4-W9 HVIYARLW	30245	>SMAD4-W9 HVIYARLR	242	30003
>SMAD4-W9 HVIYARLWR	168	>SMAD4-W9 HVIYARLRR	120	48
>SMAD4-W9 FPHVIYARLW	129	>SMAD4-W9 FPHVIYARLRf	327	198
>SMAD4-W9 FPHVIYARLW	77	>SMAD4-W9 FPHVIYARLR	3340	3263
>SMAD4-W9 FPHVIYARLW	266	>SMAD4-W9 FPHVIYARLR	121	145
>SMAD4-W9 FPHVIYARLW	4	>SMAD4-W9 FPHVIYARLR	3561	3557
>SMAD4-Y13 YHYERVVSPG	58	>SMAD4-Y13 CHYERVVSPG	494	436
>SMAD4-Y13 YHYERVVSPG	162	>SMAD4-Y13 CHYERVVSPG	6216	6054
>SMAD4-Y13 YHYERVVSPG	233	>SMAD4-Y13 CHYERVVSPG	1593	1360
>SMAD4-Y13 YHYERVVSPG	432	>SMAD4-Y13 CHYERVVSPG	1586	1154
>SMAD4-Y13 YHYERVVSPG	68	>SMAD4-Y13 CHYERVVSPG	1723	1655
>SMAD4-Y13 YHYERVVSPG	147	>SMAD4-Y13 CHYERVVSPG	853	706
>SMAD4-Y13 LKCDSVCVNF	272	>SMAD4-Y13 LKCDSVCVNF	17965	17693
>SMAD4-Y13 LKCDSVCVNF	7	>SMAD4-Y13 LKCDSVCVNF	1233	1226
>SMAD4-Y13 NPYHYERVV	151	>SMAD4-Y13 NPCHYERVV	3674	3523
>SMAD4-Y13 NPYHYERVV	151	>SMAD4-Y13 NPCHYERVV	2082	1931

>SMAD4-Y13 VNPYHYERV	58	>SMAD4-Y13 VNPCHYERV	201	143
>SMAD4-Y13 CVNPYHYER\	196	>SMAD4-Y13 CVNPCHYER\	587	391
>SMAD4-Y13 CVNPYHYER\	84	>SMAD4-Y13 CVNPCHYER\	122	38
>SMAD4-Y13 CVNPYHYER	69	>SMAD4-Y13 CVNPCHYER	119	50
>SMAD4-Y13 CVNPYHYER	9	>SMAD4-Y13 CVNPCHYER	9	0
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>SMAD4-Y13 CVNPYHYER	18	>SMAD4-Y13 CVNPCHYER	35	17
>SMAD4-Y13 CVNPYHYER\	424	>SMAD4-Y13 CVNPCHYER\	331	93
>SMAD4-Y13 CVNPYHYER	125	>SMAD4-Y13 CVNPCHYER	46	79
>SMAD4-Y13 VCVNPYHYEF	428	>SMAD4-Y13 VCVNPCHYEF	704	276
>SMAD4-Y13 VCVNPYHY	369	>SMAD4-Y13 VCVNPCHY	1211	842
>SMAD4-Y13 VCVNPYHY	153	>SMAD4-Y13 VCVNPCHY	1418	1265
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>SMAD4-Y13 VCVNPYHYEF	146	>SMAD4-Y13 VCVNPCHYEF	92	54
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>SMAD4-Y13 VCVNPYHYEF	220	>SMAD4-Y13 VCVNPCHYEF	231	11
>SMAD4-Y13 SVCVNPYH	473	>SMAD4-Y13 SVCVNPCH	2561	2088
>SMAD4-Y13 SVCVNPYHY	175	>SMAD4-Y13 SVCVNPCHY	789	614
>SMAD4-Y13 SVCVNPYHYE	54	>SMAD4-Y13 SVCVNPCHYE	91	37
>SMAD4-Y13 SVCVNPYHY	51	>SMAD4-Y13 SVCVNPCHY	262	211
>SMAD4-Y13 SVCVNPYHY	12	>SMAD4-Y13 SVCVNPCHY	305	293
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>SMAD4-Y13 SVCVNPYHYE	14	>SMAD4-Y13 SVCVNPCHYE	22	8
>SMAD4-Y13 SVCVNPYHYE	202	>SMAD4-Y13 SVCVNPCHYE	275	73
>SMAD4-Y13 SVCVNPYHYE	19	>SMAD4-Y13 SVCVNPCHYE	28	9
>SMAD4-Y13 SVCVNPYHY	16	>SMAD4-Y13 SVCVNPCHY	196	180
>SMAD4-Y13 SVCVNPYHY	407	>SMAD4-Y13 SVCVNPCHY	153	254
>SMAD4-Y13 SVCVNPYHY	209	>SMAD4-Y13 SVCVNPCHY	3667	3458
>SMAD4-Y13 SVCVNPYHYE	191	>SMAD4-Y13 SVCVNPCHYE	351	160
>SMAD4-Y13 SVCVNPYHYE	151	>SMAD4-Y13 SVCVNPCHYE	139	12
>SMAD4-Y13 DSVCVNPYH\	273	>SMAD4-Y13 DSVCVNPCH\	734	461
>SMAD4-Y13 DSVCVNPY	17	>SMAD4-Y13 DSVCVNPC	11700	11683
>SMAD4-Y13 DSVCVNPYH\	18	>SMAD4-Y13 DSVCVNPCH\	42	24
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>SMAD4-Y13 DSVCVNPYH\	382	>SMAD4-Y13 DSVCVNPCH\	635	253
>SMAD4-Y13 DSVCVNPYH\	50	>SMAD4-Y13 DSVCVNPCH\	143	93
>SMAD4-Y13 DSVCVNPYH\	149	>SMAD4-Y13 DSVCVNPCH\	274	125
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>SMAD4-Y13 DSVCVNPY	93	>SMAD4-Y13 DSVCVNPC	14734	14641
>SMAD4-Y13 CDSVCVNPYH	316	>SMAD4-Y13 CDSVCVNPCH	2205	1889
>SMAD4-Y13 KCDSVCVNPY	413	>SMAD4-Y13 KCDSVCVNPCH	30646	30233
>SMAD4-Y35 YVDPSGGDRI	447	>SMAD4-Y35 CVDPSGGDRI	8331	7884
>SMAD4-Y35 YVDPSGGDRI	41	>SMAD4-Y35 CVDPSGGDRI	897	856

>SMAD4-Y35 GYVDPSGGD	321	>SMAD4-Y35 GCVDPSSGGD	20808	20487
>SMAD4-Y35 GYVDPSGGD	34	>SMAD4-Y35 GCVDPSSGGD	18149	18115
>SMAD4-Y35 GYVDPSGGD	918	>SMAD4-Y35 GCVDPSSGGD	89	829
>SMAD4-Y35 SSCPIVTDG'	106	>SMAD4-Y35 SSCPIVTDG'	27548	27442
>SMAD4-Y35 SSCPIVTDG'	84	>SMAD4-Y35 SSCPIVTDG'	25276	25192
>SMAD4-Y35 SSCPIVTDG'	232	>SMAD4-Y35 SSCPIVTDG'	17641	17409
>SMAD4-Y35 SSCPIVTDG'	7	>SMAD4-Y35 SSCPIVTDG'	10935	10928
>SMAD4-Y35 SSCPIVTDG'	82	>SMAD4-Y35 SSCPIVTDG'	12840	12758
>SMAD4-Y35 IVTVDGYV	155	>SMAD4-Y35 IVTVDGCV	1811	1656
>SMAD4-Y35 IVTVDGYV	398	>SMAD4-Y35 IVTVDGCV	3930	3532
>SMAD4-Y35 IVTVDGYV	454	>SMAD4-Y35 IVTVDGCV	1337	883
>SMAD4-Y35 IVTVDGYV	87	>SMAD4-Y35 IVTVDGCV	416	329
>SMAD4-Y35 IVTVDGYV	178	>SMAD4-Y35 IVTVDGCV	1574	1396
>SMAD4-Y35 PIVTVDGY	82	>SMAD4-Y35 PIVTVDGC	25008	24926
>SMAD4-Y35 CPIVTDGY	21	>SMAD4-Y35 CPIVTDGC	9135	9114
>SMAD4-Y35 CPIVTDGY	75	>SMAD4-Y35 CPIVTDGC	10179	10104
>SMAD4-Y35 CPIVTDGYV	122	>SMAD4-Y35 CPIVTDGCV	238	116
>SMAD4-Y35 CPIVTDGYV	318	>SMAD4-Y35 CPIVTDGCV	438	120
>SMAD4-Y35 CPIVTDGY	409	>SMAD4-Y35 CPIVTDGC	12253	11844
>SMAD4-Y35 SCPIVTDGY'	143	>SMAD4-Y35 SCPIVTDGC'	1060	917
>SMAD4-Y95 YARLWRWPE	96	>SMAD4-Y95 NARLWRWPI	5195	5099
>SMAD4-Y95 IYARLWRWPI	440	>SMAD4-Y95 INARLWRWP	386	54
>SMAD4-Y95 IYARLWRWPI	346	>SMAD4-Y95 INARLWRWP	21975	21629
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>SMAD4-Y95 IYARLWRWPI	434	>SMAD4-Y95 INARLWRWP	20589	20155
>SMAD4-Y95 IYARLWRW	19	>SMAD4-Y95 INARLWRW	2469	2450
>SMAD4-Y95 IYARLWRWPI	41	>SMAD4-Y95 INARLWRWP	8595	8554
>SMAD4-Y95 IYARLWRW	27	>SMAD4-Y95 INARLWRW	21811	21784
>SMAD4-Y95 IYARLWRWPI	78	>SMAD4-Y95 INARLWRWP	26531	26453
>SMAD4-Y95 IYARLWRW	1104	>SMAD4-Y95 INARLWRW	147	957
>SMAD4-Y95 IYARLWRW	257	>SMAD4-Y95 INARLWRW	83	174
>SMAD4-Y95 AGRKGFPHVI	195	>SMAD4-Y95 AGRKGFPHVI	1610	1415
>SMAD4-Y95 AGRKGFPHVI	274	>SMAD4-Y95 AGRKGFPHVI	18354	18080
>SMAD4-Y95 AGRKGFPHVI	268	>SMAD4-Y95 AGRKGFPHVI	18091	17823
>SMAD4-Y95 AGRKGFPHVI	124	>SMAD4-Y95 AGRKGFPHVI	13228	13104
>SMAD4-Y95 VIYARLWR	66	>SMAD4-Y95 VINARLWR	354	288
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>SMAD4-Y95 VIYARLWR	82	>SMAD4-Y95 VINARLWR	253	171
>SMAD4-Y95 HVIYARLWR	648	>SMAD4-Y95 HVINARLWR	378	270
>SMAD4-Y95 HVIYARLWRV	322	>SMAD4-Y95 HVINARLWRV	589	267
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>SMAD4-Y95 HVIYARLWR	25	>SMAD4-Y95 HVINARLWR	30	5
>SMAD4-Y95 HVIYARLWR	36	>SMAD4-Y95 HVINARLWR	64	28
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>SMAD4-Y95 FPHVIYARL	202	>SMAD4-Y95 FPHVINARL	576	374
>SMAD4-Y95 FPHVIYAR	375	>SMAD4-Y95 FPHVINAR	1017	642
>SMAD4-Y95 FPHVIYAR	144	>SMAD4-Y95 FPHVINAR	182	38
>SMAD4-Y95 FPHVIYARLW	129	>SMAD4-Y95 FPHVINARLW	117	12
>SMAD4-Y95 FPHVIYARL	269	>SMAD4-Y95 FPHVINARL	148	121
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>SMAD4-Y95 FPHVIYARL	108	>SMAD4-Y95 FPHVINARL	113	5
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>SMAD4-Y95 FPHVIYAR	26	>SMAD4-Y95 FPHVINAR	47	21
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>SMAD4-Y95 FPHVIYARLW	266	>SMAD4-Y95 FPHVINARLW	431	165
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>SMAD4-Y95 FPHVIYARLW	4	>SMAD4-Y95 FPHVINARLW	5	1
>SMAD4-Y95 GFPHVIYARL	37	>SMAD4-Y95 GFPHVINARL	165	128
>SMAD4-Y95 GFPHVIYARL	181	>SMAD4-Y95 GFPHVINARL	158	23
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>SMAD4-Y95 KGFPHVIYAR	239	>SMAD4-Y95 KGFPHVINAR	731	492
>SMAD4-Y95 KGFPHVIYAR	17	>SMAD4-Y95 KGFPHVINAR	41	24
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>SMAD4-Y95 RKGFPHVIIYA	485	>SMAD4-Y95 RKGFPHVINA	1906	1421
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>SMAD4-Y95 GRKGFPHVIY	25	>SMAD4-Y95 GRKGFPHVIN	1314	1289
>SMAD4-Y95 YARLWRWPC	694	>SMAD4-Y95 SARLWRWPC	89	605
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>SMAD4-Y95 IYARLWRWPI	440	>SMAD4-Y95 ISARLWRWPI	259	181
>SMAD4-Y95 IYARLWRWPI	346	>SMAD4-Y95 ISARLWRWPI	24579	24233
>SMAD4-Y95 IYARLWRW	53	>SMAD4-Y95 ISARLWRW	5376	5323
>SMAD4-Y95 IYARLWRWPI	434	>SMAD4-Y95 ISARLWRWPI	18322	17888
>SMAD4-Y95 IYARLWRW	19	>SMAD4-Y95 ISARLWRW	748	729
>SMAD4-Y95 IYARLWRWPI	41	>SMAD4-Y95 ISARLWRWPI	3556	3515
>SMAD4-Y95 IYARLWRW	27	>SMAD4-Y95 ISARLWRW	14924	14897
>SMAD4-Y95 IYARLWRWPI	78	>SMAD4-Y95 ISARLWRWPI	23588	23510
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>SMAD4-Y95 IYARLWRWPI	24935	>SMAD4-Y95 ISARLWRWPI	122	24813
>SMAD4-Y95 IYARLWRW	1104	>SMAD4-Y95 ISARLWRW	31	1073
>SMAD4-Y95 IYARLWRW	257	>SMAD4-Y95 ISARLWRW	10	247
>SMAD4-Y95 IYARLWRW	1298	>SMAD4-Y95 ISARLWRW	415	883
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>SMAD4-Y95 AGRKGFPHVI	274	>SMAD4-Y95 AGRKGFPHVI	16827	16553
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>SMAD4-Y95 AGRKGFPHVI	124	>SMAD4-Y95 AGRKGFPHVI	13404	13280
>SMAD4-Y95 VIYARLWR	66	>SMAD4-Y95 VISARLWR	491	425
>SMAD4-Y95 VIYARLWR	108	>SMAD4-Y95 VISARLWR	389	281
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>SMAD4-Y95 VIYARLWR	124	>SMAD4-Y95 VISARLWR	367	243
>SMAD4-Y95 VIYARLWR	94	>SMAD4-Y95 VISARLWR	177	83
>SMAD4-Y95 VIYARLWRW	25	>SMAD4-Y95 VISARLWRW	332	307
>SMAD4-Y95 VIYARLWRW	63	>SMAD4-Y95 VISARLWRW	122	59
>SMAD4-Y95 VIYARLWRW	15	>SMAD4-Y95 VISARLWRW	17	2
>SMAD4-Y95 VIYARLWR	82	>SMAD4-Y95 VISARLWR	189	107
>SMAD4-Y95 HVIYARLWR	648	>SMAD4-Y95 HVISARLWR	412	236
>SMAD4-Y95 HVIYARLWRV	322	>SMAD4-Y95 HVISARLWRV	261	61
>SMAD4-Y95 HVIYARLWR	441	>SMAD4-Y95 HVISARLWR	579	138
>SMAD4-Y95 HVIYARLWR	25	>SMAD4-Y95 HVISARLWR	24	1

>SMAD4-Y95 HVIYARLWR	36	>SMAD4-Y95 HVISARLWR	59	23
>SMAD4-Y95 HVIYARLWR	4	>SMAD4-Y95 HVISARLWR	5	1
>SMAD4-Y95 HVIYARLW	192	>SMAD4-Y95 HVISARLW	77	115
>SMAD4-Y95 HVIYARLWRV	133	>SMAD4-Y95 HVISARLWRV	73	60
>SMAD4-Y95 HVIYARLW	97	>SMAD4-Y95 HVISARLW	90	7
>SMAD4-Y95 HVIYARLWRV	69	>SMAD4-Y95 HVISARLWRV	69	0
>SMAD4-Y95 HVIYARLW	65	>SMAD4-Y95 HVISARLW	47	18
>SMAD4-Y95 HVIYARLWRV	20	>SMAD4-Y95 HVISARLWRV	18	2
>SMAD4-Y95 HVIYARLWR	168	>SMAD4-Y95 HVISARLWR	134	34
>SMAD4-Y95 FPHVIYARL	202	>SMAD4-Y95 FPHVISARL	494	292
>SMAD4-Y95 FPHVIYAR	375	>SMAD4-Y95 FPHVISAR	969	594
>SMAD4-Y95 FPHVIYAR	144	>SMAD4-Y95 FPHVISAR	159	15
>SMAD4-Y95 FPHVIYARLW	129	>SMAD4-Y95 FPHVISARLW	131	2
>SMAD4-Y95 FPHVIYARL	269	>SMAD4-Y95 FPHVISARL	77	192
>SMAD4-Y95 FPHVIYARL	171	>SMAD4-Y95 FPHVISARL	223	52
>SMAD4-Y95 FPHVIYARL	279	>SMAD4-Y95 FPHVISARL	103	176
>SMAD4-Y95 FPHVIYARLW	530	>SMAD4-Y95 FPHVISARLW	488	42
>SMAD4-Y95 FPHVIYARL	227	>SMAD4-Y95 FPHVISARL	106	121
>SMAD4-Y95 FPHVIYARL	108	>SMAD4-Y95 FPHVISARL	112	4
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>SMAD4-Y95 FPHVIYARLW	266	>SMAD4-Y95 FPHVISARLW	601	335
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>SMAD4-Y95 FPHVIYARLW	4	>SMAD4-Y95 FPHVISARLW	4	0
>SMAD4-Y95 GFPHVIYARL	37	>SMAD4-Y95 GFPHVISARL	142	105
>SMAD4-Y95 GFPHVIYARL'	181	>SMAD4-Y95 GFPHVISARL'	249	68
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>SMAD4-Y95 GFPHVIYAR	252	>SMAD4-Y95 GFPHVISAR	563	311
>SMAD4-Y95 GFPHVIYAR	129	>SMAD4-Y95 GFPHVISAR	2523	2394
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>SMAD4-Y95 KGFPHVIYAR	403	>SMAD4-Y95 KGFPHVISAR	371	32
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>SMAD4-Y95 KGFPHVIY	288	>SMAD4-Y95 KGFPHVIS	18865	18577
>SMAD4-Y95 KGFPHVIY	40	>SMAD4-Y95 KGFPHVIS	8893	8853
>SMAD4-Y95 KGFPHVIY	40	>SMAD4-Y95 KGFPHVIS	17909	17869
>SMAD4-Y95 KGFPHVIYAR	63	>SMAD4-Y95 KGFPHVISAR	28	35
>SMAD4-Y95 KGFPHVIY	428	>SMAD4-Y95 KGFPHVIS	19058	18630
>SMAD4-Y95 KGFPHVIYAR	239	>SMAD4-Y95 KGFPHVISAR	782	543
>SMAD4-Y95 KGFPHVIYAR	17	>SMAD4-Y95 KGFPHVISAR	57	40

>SMAD4-Y95 KGFPHVIYAR	336	>SMAD4-Y95 KGFPHVISAR	286	50
>SMAD4-Y95 RKGFPHVIIYA	485	>SMAD4-Y95 RKGFPHVISA	1496	1011
>SMAD4-Y95 RKGFPHVIIY	10	>SMAD4-Y95 RKGFPHVIS	1799	1789
>SMAD4-Y95 RKGFPHVIIYA	957	>SMAD4-Y95 RKGFPHVISA	462	495
>SMAD4-Y95 RKGFPHVIIYA	382	>SMAD4-Y95 RKGFPHVISA	230	152
>SMAD4-Y95 RKGFPHVIIYA	93	>SMAD4-Y95 RKGFPHVISA	554	461
>SMAD4-Y95 GRKGFPHVIY	260	>SMAD4-Y95 GRKGFPHVIS	10952	10692
>SMAD4-Y95 GRKGFPHVIY	25	>SMAD4-Y95 GRKGFPHVIS	1677	1652
>SMARCA4-A AQDRAHRI	342	>SMARCA4-A VQDRAHRI	477	135
>SMARCA4-A QAQDRAHR	82	>SMARCA4-A QVQDRAHR	60	22
>SMARCA4-A QAQDRAHR	189	>SMARCA4-A QVQDRAHR	170	19
>SMARCA4-A QAQDRAHR	125	>SMARCA4-A QVQDRAHR	86	39
>SMARCA4-A QAQDRAHR	640	>SMARCA4-A QVQDRAHR	306	334
>SMARCA4-A QAQDRAHRI	405	>SMARCA4-A QVQDRAHRI	2708	2303
>SMARCA4-A LQAQDRAHR	146	>SMARCA4-A LQVQDRAHR	148	2
>SMARCA4-A LQAQDRAHR	533	>SMARCA4-A LQVQDRAHR	365	168
>SMARCA4-A DLQAQDRAH	457	>SMARCA4-A DLQVQDRAH	861	404
>SMARCA4-L NPDLEEPPL	187	>SMARCA4-L NPNLEEPPL	91	96
>SMARCA4-L NPDLEEPPL	221	>SMARCA4-L NPNLEEPPL	605	384
>SMARCA4-L NPDLEEPPL	723	>SMARCA4-L NPNLEEPPL	348	375
>SMARCA4-L GVNPDLLEEPF	406	>SMARCA4-L GVNPDLLEEPF	499	93
>SMARCA4-L GVNPDLLEEPF	440	>SMARCA4-L GVNPDLLEEPF	322	118
>SMARCA4-L PPAGVNPDL	33	>SMARCA4-L PPAGVNPDL	39	6
>SMARCA4-L PPPAGVNPDI	13	>SMARCA4-L PPPAGVNPDI	14	1
>SMARCA4-L APPPAGVNPI	1055	>SMARCA4-L APPPAGVNPI	471	584
>SMARCA4-L APPPAGVNPI	4	>SMARCA4-L APPPAGVNPI	5	1
>SMARCA4-L APPPAGVNPI	331	>SMARCA4-L APPPAGVNPI	279	52
>SMARCA4-L APPPAGVNPI	266	>SMARCA4-L APPPAGVNPI	88	178
>SMARCA4-E EEPPLKEEDE\	136	>SMARCA4-E AEPPLKEEDE'	396	260
>SMARCA4-E EEPPLKEEDE\	6968	>SMARCA4-E AEPPLKEEDE'	295	6673
>SMARCA4-E DLEEPPLK	1594	>SMARCA4-E DLAEPPLK	212	1382
>SMARCA4-E NPDLEEPPL	2321	>SMARCA4-E NPDLEEPPL	197	2124
>SMARCA4-E NPDLEEPPL	187	>SMARCA4-E NPDLEEPPL	116	71
>SMARCA4-E NPDLEEPPL	221	>SMARCA4-E NPDLEEPPL	123	98
>SMARCA4-E GVNPDLLEEPF	524	>SMARCA4-E GVNPDLLEEPF	471	53
>SMARCA4-E GVNPDLLEEPF	966	>SMARCA4-E GVNPDLLEEPF	483	483
>SMARCA4-E GVNPDLLEEPF	406	>SMARCA4-E GVNPDLLEEPF	244	162
>SMARCA4-E GVNPDLLEEPF	440	>SMARCA4-E GVNPDLLEEPF	276	164
>SMARCA4-E ELKALRLL	1686	>SMARCA4-E ELKALRLL	160	1526
>SMARCA4-E ELKALRLL	2060	>SMARCA4-E ELKALRLL	97	1963
>SMARCA4-E ELKALRLL	833	>SMARCA4-E ELKALRLL	85	748
>SMARCA4-E ELKALRLL	484	>SMARCA4-E ELKALRLL	2661	2177
>SMARCA4-E ELKALRLLNF	468	>SMARCA4-E ELKALRLLNF	151	317

>SMARCA4-E IELKALRL	2037	>SMARCA4-E IGLKALRL	210	1827
>SMARCA4-E IELKALRL	49	>SMARCA4-E IGLKALRL	34896	34847
>SMARCA4-E IELKALRLL	13	>SMARCA4-E IGLKALRLL	6233	6220
>SMARCA4-E IELKALRLLNF	136	>SMARCA4-E IGLKALRLLNF	21478	21342
>SMARCA4-E IELKALRLLNF	70	>SMARCA4-E IGLKALRLLNF	356	286
>SMARCA4-E IELKALRLLNF	10651	>SMARCA4-E IGLKALRLLNF	181	10470
>SMARCA4-E IELKALRL	325	>SMARCA4-E IGLKALRL	24916	24591
>SMARCA4-E IELKALRLL	66	>SMARCA4-E IGLKALRLL	21882	21816
>SMARCA4-E IELKALRLLNF	14	>SMARCA4-E IGLKALRLLNF	14929	14915
>SMARCA4-E IELKALRL	109	>SMARCA4-E IGLKALRL	22641	22532
>SMARCA4-E IELKALRLL	98	>SMARCA4-E IGLKALRLL	22706	22608
>SMARCA4-E IELKALRL	314	>SMARCA4-E IGLKALRL	36606	36292
>SMARCA4-E IELKALRLL	193	>SMARCA4-E IGLKALRLL	38520	38327
>SMARCA4-E IELKALRLLNF	285	>SMARCA4-E IGLKALRLLNF	35791	35506
>SMARCA4-E IELKALRLLNF	278	>SMARCA4-E IGLKALRLLNF	21443	21165
>SMARCA4-E IELKALRLLNF	141	>SMARCA4-E IGLKALRLLNF	34179	34038
>SMARCA4-E IELKALRL	231	>SMARCA4-E IGLKALRL	24472	24241
>SMARCA4-E IELKALRLL	10	>SMARCA4-E IGLKALRLL	22269	22259
>SMARCA4-E IELKALRLLNF	35	>SMARCA4-E IGLKALRLLNF	31492	31457
>SMARCA4-E TIELKALR	342	>SMARCA4-E TIGLKALR	230	112
>SMARCA4-E TIELKALR	62	>SMARCA4-E TIGLKALR	136	74
>SMARCA4-E TIELKALR	413	>SMARCA4-E TIGLKALR	142	271
>SMARCA4-E ATIELKALRLL	466	>SMARCA4-E ATIGLKALRLL	571	105
>SMARCA4-E ATIELKAL	276	>SMARCA4-E ATIGLKAL	650	374
>SMARCA4-E ATIELKALRLL	345	>SMARCA4-E ATIGLKALRLL	977	632
>SMARCA4-E ATIELKALR	83	>SMARCA4-E ATIGLKALR	81	2
>SMARCA4-E ATIELKAL	26	>SMARCA4-E ATIGLKAL	18	8
>SMARCA4-E ATIELKALRL	323	>SMARCA4-E ATIGLKALRL	209	114
>SMARCA4-E ATIELKALRLL	104	>SMARCA4-E ATIGLKALRLL	73	31
>SMARCA4-E ATIELKALR	11	>SMARCA4-E ATIGLKALR	11	0
>SMARCA4-E ATIELKAL	444	>SMARCA4-E ATIGLKAL	207	237
>SMARCA4-E ATIELKALRL	816	>SMARCA4-E ATIGLKALRL	388	428
>SMARCA4-E ATIELKALR	112	>SMARCA4-E ATIGLKALR	160	48
>SMARCA4-E ATIELKALR	10	>SMARCA4-E ATIGLKALR	11	1
>SMARCA4-E ATIELKAL	21	>SMARCA4-E ATIGLKAL	13	8
>SMARCA4-E ATIELKALRL	8	>SMARCA4-E ATIGLKALRL	6	2
>SMARCA4-E ATIELKALRLL	52	>SMARCA4-E ATIGLKALRLL	30	22
>SMARCA4-E ATIELKALRLL	136	>SMARCA4-E ATIGLKALRLL	114	22
>SMARCA4-E ATIELKALRLL	346	>SMARCA4-E ATIGLKALRLL	112	234
>SMARCA4-E ATIELKALR	262	>SMARCA4-E ATIGLKALR	339	77
>SMARCA4-E KATIELKALR	69	>SMARCA4-E KATIGLKALR	35	34
>SMARCA4-E KATIELKALR	440	>SMARCA4-E KATIGLKALR	213	227
>SMARCA4-E KATIELKAL	78	>SMARCA4-E KATIGLKAL	25	53

>SMARCA4-E KATIELKALRL	16	>SMARCA4-E KATIGLKALRL	9	7
>SMARCA4-E KATIELKALR	225	>SMARCA4-E KATIGLKALR	398	173
>SMARCA4-E TKATIELK	394	>SMARCA4-E TKATIGLK	830	436
>SMARCA4-E TKATIELKALR	82	>SMARCA4-E TKATIGLKALF	125	43
>SMARCA4-E TKATIELKAL	311	>SMARCA4-E TKATIGLKAL	166	145
>SMARCA4-E TKATIELKAL	309	>SMARCA4-E TKATIGLKAL	166	143
>SMARCA4-E RTKATIELK	118	>SMARCA4-E RTKATIGLK	45	73
>SMARCA4-E RTKATIELK	39	>SMARCA4-E RTKATIGLK	36	3
>SMARCA4-E RTKATIEL	7	>SMARCA4-E RTKATIGL	6	1
>SMARCA4-E RTKATIELK	4	>SMARCA4-E RTKATIGLK	3	1
>SMARCA4-E RTKATIELKA	9	>SMARCA4-E RTKATIGLKA	5	4
>SMARCA4-E RTKATIELKAL	16	>SMARCA4-E RTKATIGLKAI	8	8
>SMARCA4-E RTKATIELK	16	>SMARCA4-E RTKATIGLK	20	4
>SMARCA4-E RTKATIEL	201	>SMARCA4-E RTKATIGL	422	221
>SMARCA4-E RTKATIELKAL	462	>SMARCA4-E RTKATIGLKAI	950	488
>SMARCA4-E RTKATIELK	168	>SMARCA4-E RTKATIGLK	424	256
>SMARCA4-E RTKATIELKAL	422	>SMARCA4-E RTKATIGLKAI	661	239
>SMARCA4-E RTKATIEL	6	>SMARCA4-E RTKATIGL	5	1
>SMARCA4-E RTKATIELKAL	7	>SMARCA4-E RTKATIGLKAI	5	2
>SMARCA4-E RTKATIEL	69	>SMARCA4-E RTKATIGL	183	114
>SMARCA4-E RTKATIELKAL	299	>SMARCA4-E RTKATIGLKAI	158	141
>SMARCA4-E RTKATIELKAL	683	>SMARCA4-E RTKATIGLKAI	442	241
>SMARCA4-E LRTKATIEL	173	>SMARCA4-E LRTKATIGL	94	79
>SMARCA4-E LRTKATIELK	643	>SMARCA4-E LRTKATIGLK	215	428
>SMARCA4-E LRTKATIEL	291	>SMARCA4-E LRTKATIGL	509	218
>SMARCA4-E LRTKATIEL	63	>SMARCA4-E LRTKATIGL	51	12
>SMARCA4-F FCQMTSLMT	314	>SMARCA4-F LCQMTSLMT	1957	1643
>SMARCA4-F FCQMTSLMT	43	>SMARCA4-F LCQMTSLMT	33	10
>SMARCA4-F LFCQMTSL	124	>SMARCA4-F LLCQMTSL	2999	2875
>SMARCA4-F LFCQMTSLM'	41	>SMARCA4-F LLCQMTSLM'	915	874
>SMARCA4-F LFCQMTSL	20302	>SMARCA4-F LLCQMTSL	264	20038
>SMARCA4-F LFCQMTSLM'	18549	>SMARCA4-F LLCQMTSLM'	238	18311
>SMARCA4-F LFCQMTSL	1966	>SMARCA4-F LLCQMTSL	29	1937
>SMARCA4-F LFCQMTSLM	7256	>SMARCA4-F LLCQMTSLM	206	7050
>SMARCA4-F LFCQMTSLM'	4628	>SMARCA4-F LLCQMTSLM'	215	4413
>SMARCA4-F LFCQMTSL	12202	>SMARCA4-F LLCQMTSL	42	12160
>SMARCA4-F LFCQMTSLM	18415	>SMARCA4-F LLCQMTSLM	331	18084
>SMARCA4-F LFCQMTSLM'	18633	>SMARCA4-F LLCQMTSLM'	279	18354
>SMARCA4-F LFCQMTSLM'	7824	>SMARCA4-F LLCQMTSLM'	27	7797
>SMARCA4-F LFCQMTSL	15317	>SMARCA4-F LLCQMTSL	44	15273
>SMARCA4-F LFCQMTSLM'	11549	>SMARCA4-F LLCQMTSLM'	18	11531
>SMARCA4-F LFCQMTSLM'	20318	>SMARCA4-F LLCQMTSLM'	219	20099
>SMARCA4-F LFCQMTSLM'	20178	>SMARCA4-F LLCQMTSLM'	303	19875

>SMARCA4-F LFCQMTSLM'	21333	>SMARCA4-F LLCQMTSLM'	369	20964
>SMARCA4-F LFCQMTSL	7339	>SMARCA4-F LLCQMTSL	3	7336
>SMARCA4-F LFCQMTSLM	24198	>SMARCA4-F LLCQMTSLM	26	24172
>SMARCA4-F LFCQMTSLM'	28582	>SMARCA4-F LLCQMTSLM'	101	28481
>SMARCA4-F LFCQMTSLM'	11430	>SMARCA4-F LLCQMTSLM'	4	11426
>SMARCA4-F LFCQMTSLM'	313	>SMARCA4-F LLCQMTSLM'	6714	6401
>SMARCA4-F LFCQMTSLM'	465	>SMARCA4-F LLCQMTSLM'	6150	5685
>SMARCA4-F LFCQMTSL	148	>SMARCA4-F LLCQMTSL	14304	14156
>SMARCA4-F LFCQMTSLM'	30	>SMARCA4-F LLCQMTSLM'	7196	7166
>SMARCA4-F LFCQMTSL	5449	>SMARCA4-F LLCQMTSL	249	5200
>SMARCA4-F LFCQMTSLM	3840	>SMARCA4-F LLCQMTSLM	160	3680
>SMARCA4-F LFCQMTSLM	60	>SMARCA4-F LLCQMTSLM	36	24
>SMARCA4-F LRATNHKVLL	26	>SMARCA4-F LRATNHKVLL	394	368
>SMARCA4-F LRATNHKVLL	328	>SMARCA4-F LRATNHKVLL	243	85
>SMARCA4-F LRATNHKVLL	756	>SMARCA4-F LRATNHKVLL	246	510
>SMARCA4-F LRATNHKVLL	86	>SMARCA4-F LRATNHKVLL	30	56
>SMARCA4-F LLFCQMTSL	17	>SMARCA4-F LLLCQMTSL	22	5
>SMARCA4-F LLFCQMTSLM	299	>SMARCA4-F LLLCQMTSLM	298	1
>SMARCA4-F LLFCQMTSLM	236	>SMARCA4-F LLLCQMTSLM	588	352
>SMARCA4-F LLFCQMTSL	5	>SMARCA4-F LLLCQMTSL	18	13
>SMARCA4-F LLFCQMTSLM	35	>SMARCA4-F LLLCQMTSLM	88	53
>SMARCA4-F LLFCQMTSLM	356	>SMARCA4-F LLLCQMTSLM	2481	2125
>SMARCA4-F LLFCQMTS	419	>SMARCA4-F LLLCQMTS	2600	2181
>SMARCA4-F LLFCQMTSL	5	>SMARCA4-F LLLCQMTSL	23	18
>SMARCA4-F LLFCQMTSLM	100	>SMARCA4-F LLLCQMTSLM	227	127
>SMARCA4-F LLFCQMTSLM	125	>SMARCA4-F LLLCQMTSLM	927	802
>SMARCA4-F LLFCQMTSL	48	>SMARCA4-F LLLCQMTSL	27	21
>SMARCA4-F LLFCQMTS	377	>SMARCA4-F LLLCQMTS	661	284
>SMARCA4-F LLFCQMTSL	8	>SMARCA4-F LLLCQMTSL	11	3
>SMARCA4-F LLFCQMTSLM	50	>SMARCA4-F LLLCQMTSLM	83	33
>SMARCA4-F LLFCQMTSLM	65	>SMARCA4-F LLLCQMTSLM	112	47
>SMARCA4-F LLFCQMTSL	17	>SMARCA4-F LLLCQMTSL	12	5
>SMARCA4-F LLFCQMTSLM	172	>SMARCA4-F LLLCQMTSLM	102	70
>SMARCA4-F LLFCQMTSL	46	>SMARCA4-F LLLCQMTSL	43	3
>SMARCA4-F LLFCQMTSL	1238	>SMARCA4-F LLLCQMTSL	185	1053
>SMARCA4-F LLFCQMTSLM	2987	>SMARCA4-F LLLCQMTSLM	431	2556
>SMARCA4-F LLFCQMTS	440	>SMARCA4-F LLLCQMTS	1030	590
>SMARCA4-F LLFCQMTSL	4	>SMARCA4-F LLLCQMTSL	5	1
>SMARCA4-F LLFCQMTSLM	37	>SMARCA4-F LLLCQMTSLM	75	38
>SMARCA4-F LLFCQMTSLM	135	>SMARCA4-F LLLCQMTSLM	301	166
>SMARCA4-F LLFCQMTSL	381	>SMARCA4-F LLLCQMTSL	2425	2044
>SMARCA4-F LLFCQMTSL	234	>SMARCA4-F LLLCQMTSL	143	91
>SMARCA4-F LLFCQMTSL	94	>SMARCA4-F LLLCQMTSL	740	646

>SMARCA4-F LLFCQMTSLN	80	>SMARCA4-F LLLCQMTSLN	540	460
>SMARCA4-F LLFCQMTSL	23	>SMARCA4-F LLLCQMTSL	122	99
>SMARCA4-F LLFCQMTSLN	58	>SMARCA4-F LLLCQMTSLN	376	318
>SMARCA4-F LLFCQMTSLN	97	>SMARCA4-F LLLCQMTSLN	126	29
>SMARCA4-F VLLFCQMTSL	92	>SMARCA4-F VLLLCQMTSL	73	19
>SMARCA4-F VLLFCQMTSL	164	>SMARCA4-F VLLLCQMTSL	344	180
>SMARCA4-F VLLFCQMTSL	82	>SMARCA4-F VLLLCQMTSL	69	13
>SMARCA4-F VLLFCQMTSL	279	>SMARCA4-F VLLLCQMTSL	180	99
>SMARCA4-F VLLFCQMT	259	>SMARCA4-F VLLLCQMT	777	518
>SMARCA4-F VLLFCQMTSL	18	>SMARCA4-F VLLLCQMTSL	40	22
>SMARCA4-F VLLFCQMTSL	167	>SMARCA4-F VLLLCQMTSL	406	239
>SMARCA4-F VLLFCQMTSL	25	>SMARCA4-F VLLLCQMTSL	36	11
>SMARCA4-F VLLFCQMTSL	291	>SMARCA4-F VLLLCQMTSL	495	204
>SMARCA4-F VLLFCQMTSL	31	>SMARCA4-F VLLLCQMTSL	35	4
>SMARCA4-F VLLFCQMTSL	358	>SMARCA4-F VLLLCQMTSL	477	119
>SMARCA4-F VLLFCQMTSL	22	>SMARCA4-F VLLLCQMTSL	34	12
>SMARCA4-F VLLFCQMTSL	39	>SMARCA4-F VLLLCQMTSL	78	39
>SMARCA4-F VLLFCQMT	122	>SMARCA4-F VLLLCQMT	186	64
>SMARCA4-F VLLFCQMTSL	5	>SMARCA4-F VLLLCQMTSL	6	1
>SMARCA4-F VLLFCQMTSL	46	>SMARCA4-F VLLLCQMTSL	65	19
>SMARCA4-F VLLFCQMTSL	445	>SMARCA4-F VLLLCQMTSL	738	293
>SMARCA4-F VLLFCQMTSL	28	>SMARCA4-F VLLLCQMTSL	61	33
>SMARCA4-F KVLLFCQM	52	>SMARCA4-F KVLLLCQM	2031	1979
>SMARCA4-F KVLLFCQMTS	244	>SMARCA4-F KVLLLCQMTS	1053	809
>SMARCA4-F KVLLFCQMTS	393	>SMARCA4-F KVLLLCQMTS	723	330
>SMARCA4-F KVLLFCQMTS	496	>SMARCA4-F KVLLLCQMTS	744	248
>SMARCA4-F KVLLFCQM	382	>SMARCA4-F KVLLLCQM	670	288
>SMARCA4-F KVLLFCQMTS	48	>SMARCA4-F KVLLLCQMTS	66	18
>SMARCA4-F KVLLFCQM	362	>SMARCA4-F KVLLLCQM	722	360
>SMARCA4-F KVLLFCQM	371	>SMARCA4-F KVLLLCQM	579	208
>SMARCA4-F KVLLFCQMTS	35	>SMARCA4-F KVLLLCQMTS	49	14
>SMARCA4-F KVLLFCQM	198	>SMARCA4-F KVLLLCQM	136	62
>SMARCA4-F KVLLFCQMTS	190	>SMARCA4-F KVLLLCQMTS	201	11
>SMARCA4-F KVLLFCQM	564	>SMARCA4-F KVLLLCQM	439	125
>SMARCA4-F KVLLFCQMTS	329	>SMARCA4-F KVLLLCQMTS	321	8
>SMARCA4-F HKVLLFCQM	307	>SMARCA4-F HKVLLLCQM	1082	775
>SMARCA4-F TNHKVLLF	274	>SMARCA4-F TNHKVLLL	1367	1093
>SMARCA4-F ATNHKVLLF	10238	>SMARCA4-F ATNHKVLLL	285	9953
>SMARCA4-F ATNHKVLLF	4074	>SMARCA4-F ATNHKVLLL	426	3648
>SMARCA4-F ATNHKVLLF	97	>SMARCA4-F ATNHKVLLL	492	395
>SMARCA4-F ATNHKVLLF	424	>SMARCA4-F ATNHKVLLL	8255	7831
>SMARCA4-F ATNHKVLLF	221	>SMARCA4-F ATNHKVLLL	4842	4621
>SMARCA4-F ATNHKVLLF	3	>SMARCA4-F ATNHKVLLL	11	8



>SMARCA4-F ATNHKVLFF	64	>SMARCA4-F ATNHKVLLL	1614	1550
>SMARCA4-F ATNHKVLFF	122	>SMARCA4-F ATNHKVLLL	836	714
>SMARCA4-F RATNHKVLFF	128	>SMARCA4-F RATNHKVLLL	2598	2470
>SMARCA4-F RATNHKVLFF	17	>SMARCA4-F RATNHKVLLL	137	120
>SMARCA4-F RATNHKVLFF	56	>SMARCA4-F RATNHKVLLL	600	544
>SMARCA4-F RATNHKVLFF	843	>SMARCA4-F RATNHKVLLL	423	420
>SMARCA4-F RATNHKVLFF	381	>SMARCA4-F RATNHKVLLL	4053	3672
>SMARCA4-F MFDQKSSSHI	133	>SMARCA4-F MLDQKSSSHI	544	411
>SMARCA4-F MFDQKSSSHI	289	>SMARCA4-F MLDQKSSSHI	1413	1124
>SMARCA4-F MFDQKSSSHI	285	>SMARCA4-F MLDQKSSSHI	177	108
>SMARCA4-F MFDQKSSSHI	199	>SMARCA4-F MLDQKSSSHI	984	785
>SMARCA4-F GMFDQKSSS	390	>SMARCA4-F GMLDQKSSS	670	280
>SMARCA4-F GMFDQKSSS	163	>SMARCA4-F GMLDQKSSS	428	265
>SMARCA4-F GMFDQKSSSI	286	>SMARCA4-F GMLDQKSSSI	2368	2082
>SMARCA4-F QAGMFDQK	341	>SMARCA4-F QAGMLDQK	907	566
>SMARCA4-F IQAGMFDQK	75	>SMARCA4-F IQAGMLDQK	190	115
>SMARCA4-F VIQAGMFDQ	152	>SMARCA4-F VIQAGMLDQ	183	31
>SMARCA4-F VIQAGMFDQ	145	>SMARCA4-F VIQAGMLDQ	142	3
>SMARCA4-F KVIQAGMF	2950	>SMARCA4-F KVIQAGML	473	2477
>SMARCA4-F KVIQAGMFDI	289	>SMARCA4-F KVIQAGMLDI	455	166
>SMARCA4-F KVIQAGMFDI	29	>SMARCA4-F KVIQAGMLDI	38	9
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>SMARCA4-F KVIQAGMF	97	>SMARCA4-F KVIQAGML	835	738
>SMARCA4-F KVIQAGMFDI	92	>SMARCA4-F KVIQAGMLDI	117	25
>SMARCA4-F KVIQAGMF	363	>SMARCA4-F KVIQAGML	1733	1370
>SMARCA4-F KVIQAGMFDI	251	>SMARCA4-F KVIQAGMLDI	430	179
>SMARCA4-F KVIQAGMF	178	>SMARCA4-F KVIQAGML	3207	3029
>SMARCA4-F KVIQAGMF	465	>SMARCA4-F KVIQAGML	5708	5243
>SMARCA4-F KVIQAGMF	22	>SMARCA4-F KVIQAGML	128	106
>SMARCA4-F KVIQAGMF	153	>SMARCA4-F KVIQAGML	3681	3528
>SMARCA4-F QKVIQAGMF	104	>SMARCA4-F QKVIQAGML	2865	2761
>SMARCA4-C GLGLNLQSA	253	>SMARCA4-C RLGLNLQSA	138	115
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>SMARCA4-C GLGLNLQSA	26	>SMARCA4-C RLGLNLQSA	46	20
>SMARCA4-C GLGLNLQSA	449	>SMARCA4-C RLGLNLQSA	876	427
>SMARCA4-C GLGLNLQSA	17	>SMARCA4-C RLGLNLQSA	20	3
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>SMARCA4-C GGLGLNLQS/	26939	>SMARCA4-C GRLGLNLQSA	93	26846
>SMARCA4-C FIFLLSTRAGG	19169	>SMARCA4-C FIFLLSTRAGR	167	19002
>SMARCA4-C FIFLLSTRAGG	23126	>SMARCA4-C FIFLLSTRAGR	59	23067
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>SMARCA4-C FIFLLSTRAGG	31129	>SMARCA4-C FIFLLSTRAGR	96	31033
>SMARCA4-C AGGLGLNLQSA	13693	>SMARCA4-C AGRLGLNLQSA	101	13592

>SMARCA4-C RAGGLGLNL	46	>SMARCA4-C RAGRLGLNL	180	134
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>SMARCA4-C TRAGGLGLNI	158	>SMARCA4-C TRAGRLGLNL	93	65
>SMARCA4-C TRAGGLGL	93	>SMARCA4-C TRAGRLGL	176	83
>SMARCA4-C TRAGGLGLNI	161	>SMARCA4-C TRAGRLGLNL	556	395
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>SMARCA4-C TRAGGLGLNI	428	>SMARCA4-C TRAGRLGLNL	186	242
>SMARCA4-C STRAGGLGL	109	>SMARCA4-C STRAGRLGL	308	199
>SMARCA4-C STRAGGLGLN	165	>SMARCA4-C STRAGRLGLN	323	158
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>SMARCA4-C STRAGGLGL	94	>SMARCA4-C STRAGRLGL	187	93
>SMARCA4-C STRAGGLGLN	56	>SMARCA4-C STRAGRLGLN	81	25
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>SMARCA4-C LSTRAGGLGL	74	>SMARCA4-C LSTRAGRLGL	104	30
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>SMARCA4-C LSTRAGGLGL	305	>SMARCA4-C LSTRAGRLGL	837	532
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>SMARCA4-C LLSTRAGGLG	39	>SMARCA4-C LLSTRAGRLG	55	16
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>SMARCA4-C LLSTRAGGLG	149	>SMARCA4-C LLSTRAGRLG	531	382
>SMARCA4-C LLSTRAGGLG	219	>SMARCA4-C LLSTRAGRLG	1125	906
>SMARCA4-C LLSTRAGGLG	255	>SMARCA4-C LLSTRAGRLG	734	479
>SMARCA4-C LLSTRAGGL	15	>SMARCA4-C LLSTRAGRL	14	1
>SMARCA4-C LLSTRAGGLG	7	>SMARCA4-C LLSTRAGRLG	6	1
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>SMARCA4-C FLLSTRAGGL	71	>SMARCA4-C FLLSTRAGRL	170	99
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>SMARCA4-C FLLSTRAGGL	22	>SMARCA4-C FLLSTRAGRL	45	23
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>SMARCA4-C FLLSTRAGG	27819	>SMARCA4-C FLLSTRAGR	122	27697
>SMARCA4-C FLLSTRAGG	33374	>SMARCA4-C FLLSTRAGR	50	33324
>SMARCA4-C FLLSTRAGGL	241	>SMARCA4-C FLLSTRAGRL	895	654
>SMARCA4-C FLLSTRAGG	35392	>SMARCA4-C FLLSTRAGR	413	34979
>SMARCA4-C IFLLSTRAGG	9302	>SMARCA4-C IFLLSTRAGR	8	9294
>SMARCA4-C IFLLSTRAGG	16415	>SMARCA4-C IFLLSTRAGR	75	16340
>SMARCA4-C IFLLSTRAGG	29816	>SMARCA4-C IFLLSTRAGR	76	29740
>SMARCA4-C GMFDQKSSS	390	>SMARCA4-C DMFDQKSSS	5814	5424
>SMARCA4-C GMFDQKSSS	163	>SMARCA4-C DMFDQKSSS	5705	5542
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>SMARCA4-C QAGMFDQK	539	>SMARCA4-C QADMFDQK	436	103
>SMARCA4-C QAGMFDQK	341	>SMARCA4-C QADMFDQK	468	127
>SMARCA4-C IQAGMFDQK	75	>SMARCA4-C IQADMFDQK	50	25
>SMARCA4-C IQAGMFDQK	807	>SMARCA4-C IQADMFDQK	451	356
>SMARCA4-C VIQAGMFDQ	152	>SMARCA4-C VIQADMFDQ	787	635
>SMARCA4-C VIQAGMFDQ	145	>SMARCA4-C VIQADMFDQ	194	49
>SMARCA4-C KVIQAGMFD	289	>SMARCA4-C KVIQADMFD	534	245
>SMARCA4-C KVIQAGMFD	29	>SMARCA4-C KVIQADMFD	36	7
>SMARCA4-C KVIQAGMF	481	>SMARCA4-C KVIQADMF	424	57
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>SMARCA4-C KVIQAGMFD	92	>SMARCA4-C KVIQADMFD	126	34
>SMARCA4-C KVIQAGMF	363	>SMARCA4-C KVIQADMF	89	274
>SMARCA4-C KVIQAGMFD	251	>SMARCA4-C KVIQADMFD	154	97
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>SMARCA4-C QKVIQAGM	686	>SMARCA4-C QKVIQADM	425	261
>SMARCA4-C QKVIQAGMF	104	>SMARCA4-C QKVIQADMF	56	48
>SMARCA4-C NVDQKVIQAI	353	>SMARCA4-C NVDQKVIQAI	2955	2602
>SMARCA4-C GPSPGPPSA	2674	>SMARCA4-C RPSPGPPSA	66	2608
>SMARCA4-C MMGPSPGPF	159	>SMARCA4-C MMRPSPGPF	1310	1151
>SMARCA4-C MMGPSPGPF	271	>SMARCA4-C MMRPSPGPF	1360	1089
>SMARCA4-C MMGPSPGPF	11	>SMARCA4-C MMRPSPGPF	6	5
>SMARCA4-C MMGPSPGPF	418	>SMARCA4-C MMRPSPGPF	1471	1053
>SMARCA4-C MMGPSPGPF	290	>SMARCA4-C MMRPSPGPF	2479	2189

>SMARCA4-C MMGPSPGPF	8	>SMARCA4-C MMRPSPGPF	48	40
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>SMARCA4-C MMGPSPGPF	75	>SMARCA4-C MMRPSPGPF	2227	2152
>SMARCA4-C MMGPSPGPF	8	>SMARCA4-C MMRPSPGPF	14	6
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>SMARCA4-C MMGPSPGPF	12424	>SMARCA4-C MMRPSPGPF	60	12364
>SMARCA4-C MMGPSPGPF	7347	>SMARCA4-C MMRPSPGPF	19	7328
>SMARCA4-C MMGPSPGPF	1868	>SMARCA4-C MMRPSPGPF	5	1863
>SMARCA4-C MMGPSPGPF	706	>SMARCA4-C MMRPSPGPF	233	473
>SMARCA4-C MMGPSPGPF	2748	>SMARCA4-C MMRPSPGPF	203	2545
>SMARCA4-C MMGPSPGPF	1194	>SMARCA4-C MMRPSPGPF	84	1110
>SMARCA4-C SMMGPSPG	258	>SMARCA4-C SMMRPSPG	1008	750
>SMARCA4-C SMMGPSPGF	346	>SMARCA4-C SMMRPSPGF	1147	801
>SMARCA4-C SMMGPSPGF	59	>SMARCA4-C SMMRPSPGF	176	117
>SMARCA4-C SMMGPSPG	351	>SMARCA4-C SMMRPSPG	435	84
>SMARCA4-C GSAHSMMG	21790	>SMARCA4-C GSAHSMMR	160	21630
>SMARCA4-C GSAHSMMG	23605	>SMARCA4-C GSAHSMMR	235	23370
>SMARCA4-C GSAHSMMG	31946	>SMARCA4-C GSAHSMMR	72	31874
>SMARCA4-C GSAHSMMG	5387	>SMARCA4-C GSAHSMMR	86	5301
>SMARCA4-K LPVEEKKKI	342	>SMARCA4-K LPVEEEKKI	389	47
>SMARCA4-K LPVEEKKKI	76	>SMARCA4-K LPVEEEKKI	66	10
>SMARCA4-L LNLQSADTVI	231	>SMARCA4-L PNLQSADTVI	5141	4910
>SMARCA4-L GLNLQSADT\	266	>SMARCA4-L GPNLQSADT\	21427	21161
>SMARCA4-L GLNLQSADT\	265	>SMARCA4-L GPNLQSADT\	32091	31826
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>SMARCA4-L GLNLQSADT\	83	>SMARCA4-L GPNLQSADT\	22264	22181
>SMARCA4-L GLNLQSADT\	17	>SMARCA4-L GPNLQSADT\	20705	20688
>SMARCA4-L GLNLQSADT\	6	>SMARCA4-L GPNLQSADT\	17377	17371
>SMARCA4-L GLNLQSADT\	134	>SMARCA4-L GPNLQSADT\	23505	23371
>SMARCA4-L GLNLQSADT\	12	>SMARCA4-L GPNLQSADT\	18808	18796
>SMARCA4-L GLNLQSADT\	300	>SMARCA4-L GPNLQSADT\	25462	25162
>SMARCA4-L GLNLQSADT\	32	>SMARCA4-L GPNLQSADT\	22904	22872
>SMARCA4-L GLNLQSADT\	9	>SMARCA4-L GPNLQSADT\	26882	26873
>SMARCA4-L GLNLQSADT\	206	>SMARCA4-L GPNLQSADT\	36966	36760
>SMARCA4-L LLSTRAGGLG	39	>SMARCA4-L LLSTRAGGLG	9931	9892
>SMARCA4-L LLSTRAGGLG	35	>SMARCA4-L LLSTRAGGLG	8255	8220
>SMARCA4-L LLSTRAGGLG	149	>SMARCA4-L LLSTRAGGLG	16657	16508
>SMARCA4-L LLSTRAGGLG	219	>SMARCA4-L LLSTRAGGLG	21861	21642
>SMARCA4-L LLSTRAGGLG	255	>SMARCA4-L LLSTRAGGLG	17050	16795
>SMARCA4-L LLSTRAGGLG	7	>SMARCA4-L LLSTRAGGLG	12427	12420
>SMARCA4-L GLGLNLQSA	907	>SMARCA4-L GLGPNLQSA	166	741
>SMARCA4-L GLGLNLQSA	253	>SMARCA4-L GLGPNLQSA	35	218

>SMARCA4-L GLGLNLQSA	174	>SMARCA4-L GLGPNLQSA	23	151
>SMARCA4-L GLGLNLQSA	26	>SMARCA4-L GLGPNLQSA	9	17
>SMARCA4-L GLGLNLQSA	449	>SMARCA4-L GLGPNLQSA	57	392
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>SMARCA4-L GLGLNLQSA	17	>SMARCA4-L GLGPNLQSA	4	13
>SMARCA4-L GLGLNLQSAI	1133	>SMARCA4-L GLGPNLQSAI	117	1016
>SMARCA4-L RAGGLGLNL	46	>SMARCA4-L RAGGLGPNL	102	56
>SMARCA4-L TRAGGLGL	276	>SMARCA4-L TRAGGLGP	6070	5794
>SMARCA4-L TRAGGLGLNI	158	>SMARCA4-L TRAGGLGPNI	231	73
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>SMARCA4-L TRAGGLGLNI	161	>SMARCA4-L TRAGGLGPNI	152	9
>SMARCA4-L TRAGGLGLNI	428	>SMARCA4-L TRAGGLGPNI	1467	1039
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>SMARCA4-L STRAGGLGLN	180	>SMARCA4-L STRAGGLGPN	544	364
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>SMARCA4-L STRAGGLGLN	4	>SMARCA4-L STRAGGLGPN	6	2
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>SMARCA4-L STRAGGLGLN	56	>SMARCA4-L STRAGGLGPN	74	18
>SMARCA4-L LSTRAGGLGL	32	>SMARCA4-L LSTRAGGLGP	16839	16807
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>SMARCA4-L LSTRAGGLGL	74	>SMARCA4-L LSTRAGGLGP	8561	8487
>SMARCA4-L LSTRAGGLGL	305	>SMARCA4-L LSTRAGGLGP	32109	31804
>SMARCA4-L RLKGGRRRPS	354	>SMARCA4-L RPKGRRRPS	18770	18416
>SMARCA4-L RLKGGRRR	478	>SMARCA4-L RPKGRRR	14127	13649
>SMARCA4-L RLKGGRRRPS	83	>SMARCA4-L RPKGRRRPS	11030	10947
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>SMARCA4-L RLKGGRRR	22	>SMARCA4-L RPKGRRR	1336	1314
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>SMARCA4-L RLKGGRRRPS	406	>SMARCA4-L RPKGRRRPS	1553	1147
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>SMARCA4-L KAQDRKGG	45	>SMARCA4-L KAQDRPKGG	64	19
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>SMARCA4-L EKAQDRKGG	499	>SMARCA4-L EKAQDRPKGG	591	92
>SMARCA4-L KEKAQDRK	260	>SMARCA4-L KEKAQDRPK	99	161
>SMARCA4-L KEKAQDRL	403	>SMARCA4-L KEKAQDRP	16837	16434
>SMARCA4-L KEKAQDRL	94	>SMARCA4-L KEKAQDRP	5331	5237

>SMARCA4-L GRKEKAQDR	199	>SMARCA4-L GRKEKAQDR	14450	14251
>SMARCA4-N MFDQKSSSH	133	>SMARCA4-N MFDQKSSSHE	783	650
>SMARCA4-N MFDQKSSSH	289	>SMARCA4-N MFDQKSSSHE	739	450
>SMARCA4-N MFDQKSSSH	285	>SMARCA4-N MFDQKSSSHE	1956	1671
>SMARCA4-N MFDQKSSSH	199	>SMARCA4-N MFDQKSSSHE	272	73
>SMARCA4-N GMFDQKSSS	390	>SMARCA4-N GIFDQKSSS	7831	7441
>SMARCA4-N GMFDQKSSS	163	>SMARCA4-N GIFDQKSSS	6250	6087
>SMARCA4-N GMFDQKSSS	286	>SMARCA4-N GIFDQKSSSH	2970	2684
>SMARCA4-N NVDQKVIQA	353	>SMARCA4-N NVDQKVIQA	130	223
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>SMARCA4-N IQAGMFDQK	75	>SMARCA4-N IQAGIFDQK	96	21
>SMARCA4-N IQAGMFDQK	807	>SMARCA4-N IQAGIFDQK	360	447
>SMARCA4-N VIQAGMFDQ	152	>SMARCA4-N VIQAGIFDQK	159	7
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>SMARCA4-N KVIQAGMFD	29	>SMARCA4-N KVIQAGIFDQ	33	4
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>SMARCA4-N KVIQAGMFD	92	>SMARCA4-N KVIQAGIFDQ	105	13
>SMARCA4-N KVIQAGMF	363	>SMARCA4-N KVIQAGIF	323	40
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>SMARCA4-N KVIQAGMF	178	>SMARCA4-N KVIQAGIF	240	62
>SMARCA4-N KVIQAGMF	465	>SMARCA4-N KVIQAGIF	381	84
>SMARCA4-N KVIQAGMF	22	>SMARCA4-N KVIQAGIF	41	19
>SMARCA4-N KVIQAGMF	153	>SMARCA4-N KVIQAGIF	87	66
>SMARCA4-N QKVIQAGMF	104	>SMARCA4-N QKVIQAGIF	73	31
>SMARCA4-N VDQKVIQAGI	6359	>SMARCA4-N VDQKVIQAGI	261	6098
>SMARCA4-F PDHLQMAV	95	>SMARCA4-F SDHLQMAV	95	0
>SMARCA4-F LPDHLQMAV	18268	>SMARCA4-F LSDHLQMAV	87	18181
>SMARCA4-F LPDHLQMAV	252	>SMARCA4-F LSDHLQMAV	24249	23997
>SMARCA4-F LPDHLQMAV	358	>SMARCA4-F LSDHLQMAV	15833	15475
>SMARCA4-F LPDHLQMAV	383	>SMARCA4-F LSDHLQMAV	24550	24167
>SMARCA4-F LPDHLQMA	53	>SMARCA4-F LSDHLQMA	22969	22916
>SMARCA4-F LPDHLQMAV	41	>SMARCA4-F LSDHLQMAV	19255	19214
>SMARCA4-F PLPDHLQMA	1469	>SMARCA4-F PLSDHLQMA	147	1322
>SMARCA4-F PLPDHLQMA	683	>SMARCA4-F PLSDHLQMA'	184	499
>SMARCA4-F PLPDHLQMA	211	>SMARCA4-F PLSDHLQMA	65	146
>SMARCA4-F PLPDHLQMA	1295	>SMARCA4-F PLSDHLQMA'	425	870
>SMARCA4-F PLPDHLQMA	181	>SMARCA4-F PLSDHLQMA	217	36
>SMARCA4-F PLPDHLQMA	14	>SMARCA4-F PLSDHLQMA'	15	1
>SMARCA4-F PLPDHLQMA	213	>SMARCA4-F PLSDHLQMA'	85	128
>SMARCA4-F PLPDHLQMA	44	>SMARCA4-F PLSDHLQMA'	36	8
>SMARCA4-F PLPDHLQMA	79	>SMARCA4-F PLSDHLQMA'	15	64

>SMARCA4-F PLPDHLQM	274	>SMARCA4-F PLSDHLQM	165	109
>SMARCA4-F PLPDHLQMA	29	>SMARCA4-F PLSDHLQMA	19	10
>SMARCA4-F PLPDHLQMA	4	>SMARCA4-F PLSDHLQMA'	3	1
>SMARCA4-F QPLPDHLQM	1118	>SMARCA4-F QPLSDHLQM	158	960
>SMARCA4-F QPLPDHLQM	219	>SMARCA4-F QPLSDHLQM	183	36
>SMARCA4-F QPLPDHLQM	359	>SMARCA4-F QPLSDHLQM	324	35
>SMARCA4-F QPLPDHLQM	54	>SMARCA4-F QPLSDHLQM	46	8
>SMARCA4-F QPLPDHLQM	216	>SMARCA4-F QPLSDHLQM	149	67
>SMARCA4-F RGQPLPDHLC	228	>SMARCA4-F RGQPLSDHLC	215	13
>SMARCA4-F RGQPLPDHLC	401	>SMARCA4-F RGQPLSDHLC	580	179
>SMARCA4-F RGQPLPDHLC	581	>SMARCA4-F RGQPLSDHLC	317	264
>SMARCA4-F ARGQPLPDHI	112	>SMARCA4-F ARGQPLSDHI	474	362
>SMARCA4-F ARGQPLPDHI	382	>SMARCA4-F ARGQPLSDHI	906	524
>SMARCA4-F LARGQPLP	1093	>SMARCA4-F LARGQPLS	332	761
>SMARCA4-F LARGQPLPDI	449	>SMARCA4-F LARGQPLSDI	332	117
>SMARCA4-F LARGQPLPDI	135	>SMARCA4-F LARGQPLSDI	80	55
>SMARCA4-F MLARGQPLP	500	>SMARCA4-F MLARGQPLS	42	458
>SMARCA4-F KMLARGQPL	3080	>SMARCA4-F KMLARGQPL	498	2582
>SMARCA4-C QALGQQNR	664	>SMARCA4-C RALGQQNR	26	638
>SMARCA4-C QALGQQNR	602	>SMARCA4-C RALGQQNR	154	448
>SMARCA4-C PLDGADPQA	138	>SMARCA4-C PLDGADPRAI	326	188
>SMARCA4-C PLDGADPQA	63	>SMARCA4-C PLDGADPRA	151	88
>SMARCA4-C PLDGADPQA	152	>SMARCA4-C PLDGADPRAI	812	660
>SMARCA4-C PLDGADPQA	483	>SMARCA4-C PLDGADPRA	1603	1120
>SMARCA4-C PLDGADPQA	247	>SMARCA4-C PLDGADPRAI	1507	1260
>SMARCA4-C PLDGADPQA	89	>SMARCA4-C PLDGADPRA	114	25
>SMARCA4-C PLDGADPQA	55	>SMARCA4-C PLDGADPRAI	409	354
>SMARCA4-C APLDGADPQ	43	>SMARCA4-C APLDGADPR/	27	16
>SMARCA4-C APLDGADPQ	230	>SMARCA4-C APLDGADPR/	316	86
>SMARCA4-C APLDGADPQ	32	>SMARCA4-C APLDGADPR/	69	37
>SMARCA4-F RAGGLGLNL	46	>SMARCA4-F WAGGLGLNL	827	781
>SMARCA4-F TRAGGLGL	22526	>SMARCA4-F TWAGGLGL	397	22129
>SMARCA4-F TRAGGLGLNL	21407	>SMARCA4-F TWAGGLGLN	204	21203
>SMARCA4-F TRAGGLGL	276	>SMARCA4-F TWAGGLGL	17286	17010
>SMARCA4-F TRAGGLGLNL	158	>SMARCA4-F TWAGGLGLN	11715	11557
>SMARCA4-F TRAGGLGL	93	>SMARCA4-F TWAGGLGL	8334	8241
>SMARCA4-F TRAGGLGLNL	161	>SMARCA4-F TWAGGLGLN	10488	10327
>SMARCA4-F TRAGGLGLNL	428	>SMARCA4-F TWAGGLGLN	14669	14241
>SMARCA4-F TRAGGLGL	29868	>SMARCA4-F TWAGGLGL	309	29559
>SMARCA4-F TRAGGLGLNL	17383	>SMARCA4-F TWAGGLGLN	43	17340
>SMARCA4-F SEYFIFLLSTR	2958	>SMARCA4-F SEYFIFLLSTW	112	2846
>SMARCA4-F SEYFIFLLSTR	436	>SMARCA4-F SEYFIFLLSTW	20223	19787
>SMARCA4-F SEYFIFLLSTR	157	>SMARCA4-F SEYFIFLLSTW	26975	26818

>SMARCA4-F SEYFIFLLSTR	445	>SMARCA4-F SEYFIFLLSTW	35	410
>SMARCA4-F SEYFIFLLSTR	1416	>SMARCA4-F SEYFIFLLSTW	473	943
>SMARCA4-F SEYFIFLLSTR	7322	>SMARCA4-F SEYFIFLLSTW	84	7238
>SMARCA4-F SEYFIFLLSTR	865	>SMARCA4-F SEYFIFLLSTW	14	851
>SMARCA4-F SEYFIFLLSTR	3736	>SMARCA4-F SEYFIFLLSTW	234	3502
>SMARCA4-F SEYFIFLLSTR	563	>SMARCA4-F SEYFIFLLSTW	45	518
>SMARCA4-F SEYFIFLLSTR	31417	>SMARCA4-F SEYFIFLLSTW	154	31263
>SMARCA4-F SEYFIFLLSTR	265	>SMARCA4-F SEYFIFLLSTW	27486	27221
>SMARCA4-F STRAGGLGL	18695	>SMARCA4-F STWAGGLGL	462	18233
>SMARCA4-F STRAGGLGL	3288	>SMARCA4-F STWAGGLGL	215	3073
>SMARCA4-F STRAGGLGL	6672	>SMARCA4-F STWAGGLGL	73	6599
>SMARCA4-F STRAGGLGLM	9873	>SMARCA4-F STWAGGLGL	185	9688
>SMARCA4-F STRAGGLGL	7227	>SMARCA4-F STWAGGLGL	70	7157
>SMARCA4-F STRAGGLGLM	10634	>SMARCA4-F STWAGGLGL	109	10525
>SMARCA4-F STRAGGLGL	109	>SMARCA4-F STWAGGLGL	461	352
>SMARCA4-F STRAGGLGLM	165	>SMARCA4-F STWAGGLGL	617	452
>SMARCA4-F STRAGGLG	62	>SMARCA4-F STWAGGLG	8033	7971
>SMARCA4-F STRAGGLGL	20	>SMARCA4-F STWAGGLGL	4747	4727
>SMARCA4-F STRAGGLGLM	280	>SMARCA4-F STWAGGLGL	9768	9488
>SMARCA4-F STRAGGLGLM	14	>SMARCA4-F STWAGGLGL	3081	3067
>SMARCA4-F STRAGGLGL	9084	>SMARCA4-F STWAGGLGL	447	8637
>SMARCA4-F STRAGGLGLM	5542	>SMARCA4-F STWAGGLGL	241	5301
>SMARCA4-F STRAGGLGL	4397	>SMARCA4-F STWAGGLGL	43	4354
>SMARCA4-F STRAGGLGLM	5720	>SMARCA4-F STWAGGLGL	69	5651
>SMARCA4-F STRAGGLGL	143	>SMARCA4-F STWAGGLGL	1955	1812
>SMARCA4-F STRAGGLGLM	180	>SMARCA4-F STWAGGLGL	3043	2863
>SMARCA4-F STRAGGLGL	4	>SMARCA4-F STWAGGLGL	4	0
>SMARCA4-F STRAGGLGLM	4	>SMARCA4-F STWAGGLGL	6	2
>SMARCA4-F STRAGGLGLM	1143	>SMARCA4-F STWAGGLGL	346	797
>SMARCA4-F STRAGGLGL	94	>SMARCA4-F STWAGGLGL	369	275
>SMARCA4-F STRAGGLGLM	56	>SMARCA4-F STWAGGLGL	223	167
>SMARCA4-F STRAGGLGL	1227	>SMARCA4-F STWAGGLGL	63	1164
>SMARCA4-F STRAGGLGLM	1448	>SMARCA4-F STWAGGLGL	87	1361
>SMARCA4-F LSTRAGGL	70	>SMARCA4-F LSTWAGGL	23	47
>SMARCA4-F LSTRAGGLGL	32	>SMARCA4-F LSTWAGGLG	13	19
>SMARCA4-F LSTRAGGLGL	353	>SMARCA4-F LSTWAGGLG	116	237
>SMARCA4-F LSTRAGGL	714	>SMARCA4-F LSTWAGGL	46	668
>SMARCA4-F LSTRAGGLGL	74	>SMARCA4-F LSTWAGGLG	50	24
>SMARCA4-F LSTRAGGL	391	>SMARCA4-F LSTWAGGL	158	233
>SMARCA4-F LSTRAGGLGL	305	>SMARCA4-F LSTWAGGLG	34	271
>SMARCA4-F LLSTRAGGLG	883	>SMARCA4-F LLSTWAGGLC	203	680
>SMARCA4-F LLSTRAGGL	56	>SMARCA4-F LLSTWAGGL	48	8
>SMARCA4-F LLSTRAGGLG	39	>SMARCA4-F LLSTWAGGLC	36	3



>SMARCA4-F LLSTRAGGL	35	>SMARCA4-F LLSTWAGGL	19	16
>SMARCA4-F LLSTRAGGLG	35	>SMARCA4-F LLSTWAGGLC	28	7
>SMARCA4-F LLSTRAGGLG	619	>SMARCA4-F LLSTWAGGLC	242	377
>SMARCA4-F LLSTRAGGL	571	>SMARCA4-F LLSTWAGGL	16	555
>SMARCA4-F LLSTRAGGLG	149	>SMARCA4-F LLSTWAGGLC	16	133
>SMARCA4-F LLSTRAGGL	749	>SMARCA4-F LLSTWAGGL	50	699
>SMARCA4-F LLSTRAGGLG	219	>SMARCA4-F LLSTWAGGLC	38	181
>SMARCA4-F LLSTRAGGL	1725	>SMARCA4-F LLSTWAGGL	161	1564
>SMARCA4-F LLSTRAGGLG	255	>SMARCA4-F LLSTWAGGLC	52	203
>SMARCA4-F LLSTRAGGL	1995	>SMARCA4-F LLSTWAGGL	57	1938
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>SMARCA4-F LLSTRAGGL	15	>SMARCA4-F LLSTWAGGL	5	10
>SMARCA4-F LLSTRAGGLG	7	>SMARCA4-F LLSTWAGGLC	4	3
>SMARCA4-F FLLSTRAGGL	71	>SMARCA4-F FLLSTWAGGL	33	38
>SMARCA4-F FLLSTRAG	1446	>SMARCA4-F FLLSTWAG	129	1317
>SMARCA4-F FLLSTRAGG	1458	>SMARCA4-F FLLSTWAGG	457	1001
>SMARCA4-F FLLSTRAGGL	18	>SMARCA4-F FLLSTWAGGL	14	4
>SMARCA4-F FLLSTRAGGL	22	>SMARCA4-F FLLSTWAGGL	22	0
>SMARCA4-F FLLSTRAG	3057	>SMARCA4-F FLLSTWAG	109	2948
>SMARCA4-F FLLSTRAGG	1905	>SMARCA4-F FLLSTWAGG	244	1661
>SMARCA4-F FLLSTRAGGL	104	>SMARCA4-F FLLSTWAGGL	55	49
>SMARCA4-F FLLSTRAG	426	>SMARCA4-F FLLSTWAG	17	409
>SMARCA4-F FLLSTRAGG	421	>SMARCA4-F FLLSTWAGG	29	392
>SMARCA4-F FLLSTRAGGL	4	>SMARCA4-F FLLSTWAGGL	2	2
>SMARCA4-F FLLSTRAGGL	1013	>SMARCA4-F FLLSTWAGGL	210	803
>SMARCA4-F FLLSTRAG	2988	>SMARCA4-F FLLSTWAG	142	2846
>SMARCA4-F FLLSTRAGGL	11	>SMARCA4-F FLLSTWAGGL	5	6
>SMARCA4-F FLLSTRAG	5940	>SMARCA4-F FLLSTWAG	196	5744
>SMARCA4-F FLLSTRAGG	2885	>SMARCA4-F FLLSTWAGG	366	2519
>SMARCA4-F FLLSTRAGGL	11	>SMARCA4-F FLLSTWAGGL	5	6
>SMARCA4-F FLLSTRAGGL	12	>SMARCA4-F FLLSTWAGGL	3	9
>SMARCA4-F FLLSTRAG	2347	>SMARCA4-F FLLSTWAG	125	2222
>SMARCA4-F FLLSTRAGG	302	>SMARCA4-F FLLSTWAGG	414	112
>SMARCA4-F FLLSTRAGGL	3	>SMARCA4-F FLLSTWAGGL	3	0
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>SMARCA4-F FLLSTRAGGL	511	>SMARCA4-F FLLSTWAGGL	249	262
>SMARCA4-F FLLSTRAGGL	832	>SMARCA4-F FLLSTWAGGL	378	454
>SMARCA4-F IFLLSTRAGGL	878	>SMARCA4-F IFLLSTWAGG	239	639
>SMARCA4-F IFLLSTRAGGL	1688	>SMARCA4-F IFLLSTWAGG	459	1229
>SMARCA4-F FIFLLSTRA	110	>SMARCA4-F FIFLLSTWA	54	56
>SMARCA4-F FIFLLSTRAG	6770	>SMARCA4-F FIFLLSTWAG	423	6347
>SMARCA4-F FIFLLSTRA	23	>SMARCA4-F FIFLLSTWA	15	8
>SMARCA4-F FIFLLSTRA	19	>SMARCA4-F FIFLLSTWA	10	9

>SMARCA4-F FIFLLSTRA	189	>SMARCA4-F FIFLLSTWA	85	104
>SMARCA4-F FIFLLSTRAG	3347	>SMARCA4-F FIFLLSTWAG	470	2877
>SMARCA4-F FIFLLSTRA	191	>SMARCA4-F FIFLLSTWA	172	19
>SMARCA4-F FIFLLSTRA	287	>SMARCA4-F FIFLLSTWA	132	155
>SMARCA4-F FIFLLSTRA	101	>SMARCA4-F FIFLLSTWA	69	32
>SMARCA4-F FIFLLSTR	232	>SMARCA4-F FIFLLSTW	17683	17451
>SMARCA4-F FIFLLSTR	12098	>SMARCA4-F FIFLLSTW	330	11768
>SMARCA4-F FIFLLSTR	58	>SMARCA4-F FIFLLSTW	19635	19577
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>SMARCA4-F FIFLLSTRA	138	>SMARCA4-F FIFLLSTWA	201	63
>SMARCA4-F FIFLLSTR	21625	>SMARCA4-F FIFLLSTW	41	21584
>SMARCA4-F FIFLLSTR	22123	>SMARCA4-F FIFLLSTW	33	22090
>SMARCA4-F FIFLLSTR	29464	>SMARCA4-F FIFLLSTW	87	29377
>SMARCA4-F FIFLLSTR	30771	>SMARCA4-F FIFLLSTW	303	30468
>SMARCA4-F FIFLLSTR	124	>SMARCA4-F FIFLLSTW	27782	27658
>SMARCA4-F YFIFLLSTR	1316	>SMARCA4-F YFIFLLSTW	28	1288
>SMARCA4-F YFIFLLSTR	2646	>SMARCA4-F YFIFLLSTW	89	2557
>SMARCA4-F YFIFLLSTR	2816	>SMARCA4-F YFIFLLSTW	23	2793
>SMARCA4-F YFIFLLSTR	28	>SMARCA4-F YFIFLLSTW	16472	16444
>SMARCA4-F YFIFLLSTR	15	>SMARCA4-F YFIFLLSTW	13811	13796
>SMARCA4-F YFIFLLSTR	31	>SMARCA4-F YFIFLLSTW	17490	17459
>SMARCA4-F YFIFLLSTR	22366	>SMARCA4-F YFIFLLSTW	239	22127
>SMARCA4-F YFIFLLSTR	1802	>SMARCA4-F YFIFLLSTW	71	1731
>SMARCA4-F YFIFLLSTR	251	>SMARCA4-F YFIFLLSTW	28890	28639
>SMARCA4-F EYFIFLLSTR	15758	>SMARCA4-F EYFIFLLSTW	26	15732
>SMARCA4-F EYFIFLLSTR	14872	>SMARCA4-F EYFIFLLSTW	65	14807
>SMARCA4-F EYFIFLLSTR	3140	>SMARCA4-F EYFIFLLSTW	39	3101
>SMARCA4-F EYFIFLLSTR	6748	>SMARCA4-F EYFIFLLSTW	291	6457
>SMARCA4-F EYFIFLLSTR	3692	>SMARCA4-F EYFIFLLSTW	376	3316
>SMARCA4-F EYFIFLLSTR	79	>SMARCA4-F EYFIFLLSTW	19277	19198
>SMARCA4-F EYFIFLLSTR	31	>SMARCA4-F EYFIFLLSTW	4724	4693
>SMARCA4-F EYFIFLLSTR	36	>SMARCA4-F EYFIFLLSTW	21713	21677
>SMARCA4-F EYFIFLLSTR	29626	>SMARCA4-F EYFIFLLSTW	465	29161
>SMARCA4-F EYFIFLLSTR	25	>SMARCA4-F EYFIFLLSTW	6956	6931
>SMARCA4-F RAHRIGQQ	320	>SMARCA4-F QAHRIGQQ	6215	5895
>SMARCA4-F RAHRIGQQN	25	>SMARCA4-F QAHRIGQQN	1336	1311
>SMARCA4-F RAHRIGQQN	2156	>SMARCA4-F QAHRIGQQN	108	2048
>SMARCA4-F AQDRAHRI	342	>SMARCA4-F AQDQAHR	295	47
>SMARCA4-F QAQDRAHR	82	>SMARCA4-F QAQDQAHR	236	154
>SMARCA4-F QAQDRAHR	189	>SMARCA4-F QAQDQAHR	738	549
>SMARCA4-F QAQDRAHR	125	>SMARCA4-F QAQDQAHR	166	41
>SMARCA4-F QAQDRAHRI	405	>SMARCA4-F QAQDQAHR	671	266
>SMARCA4-F LQAQDRAHR	146	>SMARCA4-F LQAQDQAHR	701	555

>SMARCA4-F LQAQDRAH	523	>SMARCA4-F LQAQDQAH	318	205
>SMARCA4-F DLQAQDRAH	457	>SMARCA4-F DLQAQDQAH	216	241
>SMARCA4-F RLMEEDEL	23	>SMARCA4-F HLMEEDEL	41	18
>SMARCA4-F RLMEEDELPS	388	>SMARCA4-F HLMEEDELPS	613	225
>SMARCA4-F RLMEEDEL	4	>SMARCA4-F HLMEEDEL	4	0
>SMARCA4-F RLMEEDEL P	821	>SMARCA4-F HLMEEDEL P	497	324
>SMARCA4-F RLMEEDELPS	367	>SMARCA4-F HLMEEDELPS	490	123
>SMARCA4-F RLMEEDEL	70	>SMARCA4-F HLMEEDEL	187	117
>SMARCA4-F RLMEEDEL	57	>SMARCA4-F HLMEEDEL	189	132
>SMARCA4-F RLMEEDEL	9	>SMARCA4-F HLMEEDEL	27	18
>SMARCA4-F RLMEEDEL	8	>SMARCA4-F HLMEEDEL	8	0
>SMARCA4-F RLMEEDEL	26	>SMARCA4-F HLMEEDEL	45	19
>SMARCA4-F RLMEEDEL	15	>SMARCA4-F HLMEEDEL	22	7
>SMARCA4-F RLMEEDEL	11	>SMARCA4-F HLMEEDEL	10	1
>SMARCA4-F RLMEEDEL	166	>SMARCA4-F HLMEEDEL	2694	2528
>SMARCA4-F RLMEEDELPS	53	>SMARCA4-F HLMEEDELPS	617	564
>SMARCA4-F RLMEEDELPS	34	>SMARCA4-F HLMEEDELPS	162	128
>SMARCA4-F RLMEEDELPS	164	>SMARCA4-F HLMEEDELPS	330	166
>SMARCA4-F RLMEEDELPS	17	>SMARCA4-F HLMEEDELPS	78	61
>SMARCA4-F KPRLMEEDEL	259	>SMARCA4-F KPHLMEEDEL	605	346
>SMARCA4-F RKPRLMEEDI	701	>SMARCA4-F RKPRLMEEDI	383	318
>SMARCA4-F KRKPRLMEE	474	>SMARCA4-F KRKPRLMEE	604	130
>SMARCA4-F PKRKPRLM	570	>SMARCA4-F PKRKPHLM	480	90
>SMARCA4-F NPKRKPRL	308	>SMARCA4-F NPKRKPHL	416	108
>SMARCA4-F NPKRKPRLM	390	>SMARCA4-F NPKRKPHLM	610	220
>SMARCA4-F NPKRKPRL	28	>SMARCA4-F NPKRKPHL	23	5
>SMARCA4-F NPKRKPRLM	56	>SMARCA4-F NPKRKPHLM	35	21
>SMARCA4-F RNPKRKPR	54	>SMARCA4-F RNPKRKPH	20998	20944
>SMARCA4-F ARNPKRKPR	373	>SMARCA4-F ARNPKRKPH	878	505
>SMARCA4-F ARNPKRKPR L	198	>SMARCA4-F ARNPKRKPH L	193	5
>SMARCA4-F ARNPKRKPR L	175	>SMARCA4-F ARNPKRKPH L	113	62
>SMARCA4-F ARNPKRKPR L	179	>SMARCA4-F ARNPKRKPH L	207	28
>SMARCA4-F EARNPKRKPF	270	>SMARCA4-F EARNPKRKPF	16324	16054
>SMARCA4-F GRKEKAQDR I	199	>SMARCA4-F GWKEKAQDF	14677	14478
>SMARCA4-F RSVKVKIKLGF	36	>SMARCA4-F RSVKVKIKLG\	13125	13089
>SMARCA4-F RSVKVKIKLGF	273	>SMARCA4-F RSVKVKIKLG\	35500	35227
>SMARCA4-F RSVKVKIKLGF	7873	>SMARCA4-F RSVKVKIKLG\	6	7867
>SMARCA4-F RSVKVKIKLGF	18159	>SMARCA4-F RSVKVKIKLG\	34	18125
>SMARCA4-F RSVKVKIKLGF	16264	>SMARCA4-F RSVKVKIKLG\	8	16256
>SMARCA4-F RSVKVKIKLGF	84	>SMARCA4-F RSVKVKIKLG\	30041	29957
>SMARCA4-F LGRKEKAQDF	4832	>SMARCA4-F LGWKEKAQD	383	4449
>SMARCA4-F KLGRKEKA	708	>SMARCA4-F KLGWKEKA	54	654
>SMARCA4-F KLGRKEKA	1510	>SMARCA4-F KLGWKEKA	121	1389

>SMARCA4-F KLGRKEKA	210	>SMARCA4-F KLGWKEKA	39	171
>SMARCA4-F KLGRKEKAQI	285	>SMARCA4-F KLGWKEKAQ	81	204
>SMARCA4-F KIKLGRKEK	5	>SMARCA4-F KIKLGWKEK	4	1
>SMARCA4-F KIKLGRKEKA	212	>SMARCA4-F KIKLGWKEKA	243	31
>SMARCA4-F KIKLGRKEK	176	>SMARCA4-F KIKLGWKEK	186	10
>SMARCA4-F KVKIKLGRK	116	>SMARCA4-F KVKIKLGWK	124	8
>SMARCA4-F KVKIKLGRKEI	434	>SMARCA4-F KVKIKLGWKE	487	53
>SMARCA4-F KVKIKLGR	55	>SMARCA4-F KVKIKLGW	2054	1999
>SMARCA4-F KVKIKLGRK	5	>SMARCA4-F KVKIKLGWK	5	0
>SMARCA4-F KVKIKLGRKEI	4	>SMARCA4-F KVKIKLGWKE	4	0
>SMARCA4-F KVKIKLGR	14	>SMARCA4-F KVKIKLGW	8886	8872
>SMARCA4-F KVKIKLGRK	59	>SMARCA4-F KVKIKLGWK	45	14
>SMARCA4-F KVKIKLGRKEI	55	>SMARCA4-F KVKIKLGWKE	57	2
>SMARCA4-F KVKIKLGR	18455	>SMARCA4-F KVKIKLGW	70	18385
>SMARCA4-F KVKIKLGR	23915	>SMARCA4-F KVKIKLGW	230	23685
>SMARCA4-F KVKIKLGR	22436	>SMARCA4-F KVKIKLGW	330	22106
>SMARCA4-F KVKIKLGR	106	>SMARCA4-F KVKIKLGW	25583	25477
>SMARCA4-F VKVKIKLGR	329	>SMARCA4-F VKVKIKLGW	34742	34413
>SMARCA4-F SVKVKIKLGR	254	>SMARCA4-F SVKVKIKLGW	326	72
>SMARCA4-F SVKVKIKLGR	10	>SMARCA4-F SVKVKIKLGW	10	0
>SMARCA4-F SVKVKIKLGR	36	>SMARCA4-F SVKVKIKLGW	14002	13966
>SMARCA4-F SVKVKIKLGR	333	>SMARCA4-F SVKVKIKLGW	223	110
>SMARCA4-F SVKVKIKLGR	491	>SMARCA4-F SVKVKIKLGW	29354	28863
>SMARCA4-F SVKVKIKLGR	169	>SMARCA4-F SVKVKIKLGW	35783	35614
>SMARCA4-F SVKVKIKLGR	23878	>SMARCA4-F SVKVKIKLGW	358	23520
>SMARCA4-F RMKNHHCKL	55	>SMARCA4-F CMKNHHCKL	251	196
>SMARCA4-F RMKNHHCKL	83	>SMARCA4-F CMKNHHCKL	891	808
>SMARCA4-F RMKNHHCKL	22	>SMARCA4-F CMKNHHCKL	88	66
>SMARCA4-F RMKNHHCK	65	>SMARCA4-F CMKNHHCK	298	233
>SMARCA4-F RMKNHHCK	98	>SMARCA4-F CMKNHHCK	340	242
>SMARCA4-F RMKNHHCK	5	>SMARCA4-F CMKNHHCK	47	42
>SMARCA4-F RMKNHHCKL	13	>SMARCA4-F CMKNHHCKL	959	946
>SMARCA4-F RMKNHHCKL	292	>SMARCA4-F CMKNHHCKL	7469	7177
>SMARCA4-F RMKNHHCKL	80	>SMARCA4-F CMKNHHCKL	3411	3331
>SMARCA4-F RMKNHHCK	11	>SMARCA4-F CMKNHHCK	43	32
>SMARCA4-F RMKNHHCKL	189	>SMARCA4-F CMKNHHCKL	3168	2979
>SMARCA4-F RMKNHHCKL	401	>SMARCA4-F CMKNHHCKL	16841	16440
>SMARCA4-F RMKNHHCKL	21	>SMARCA4-F CMKNHHCKL	29	8
>SMARCA4-F RMKNHHCKL	109	>SMARCA4-F CMKNHHCKL	1455	1346
>SMARCA4-F RMKNHHCKL	391	>SMARCA4-F CMKNHHCKL	4211	3820
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>SMARCA4-F RMKNHHCKL	75	>SMARCA4-F CMKNHHCKL	376	301
>SMARCA4-F HRMKNHHCK	1000	>SMARCA4-F HCMKNHHCK	107	893

>SMARCA4-F HRMKNHHCH	303	>SMARCA4-F HCMKNHHCH	3543	3240
>SMARCA4-F HRMKNHHCH	29	>SMARCA4-F HCMKNHHCH	18201	18172
>SMARCA4-F HRMKNHHCH	23	>SMARCA4-F HCMKNHHCH	19105	19082
>SMARCA4-F HRMKNHHCH	49	>SMARCA4-F HCMKNHHCH	3795	3746
>SMARCA4-F HRMKNHHCH	60	>SMARCA4-F HCMKNHHCH	18888	18828
>SMARCA4-F HRMKNHHCH	435	>SMARCA4-F HCMKNHHCH	35255	34820
>SMARCA4-F HRMKNHHCH	274	>SMARCA4-F HCMKNHHCH	31743	31469
>SMARCA4-F HRMKNHHCH	1110	>SMARCA4-F HCMKNHHCH	467	643
>SMARCA4-F EGHRMKNHFI	407	>SMARCA4-F EGHCMKNHFI	285	122
>SMARCA4-F IVDEGHRMK	474	>SMARCA4-F IVDEGHCMK	159	315
>SMARCA4-F MIVDEGHRM	193	>SMARCA4-F MIVDEGHCM	318	125
>SMARCA4-F MIVDEGHRM	396	>SMARCA4-F MIVDEGHCM	485	89
>SMARCA4-F MIVDEGHRM	410	>SMARCA4-F MIVDEGHCM	1426	1016
>SMARCA4-F MIVDEGHRM	35	>SMARCA4-F MIVDEGHCM	282	247
>SMARCA4-F MIVDEGHRM	144	>SMARCA4-F MIVDEGHCM	87	57
>SMARCA4-F MIVDEGHRM	450	>SMARCA4-F MIVDEGHCM	157	293
>SMARCA4-F MIVDEGHRM	437	>SMARCA4-F MIVDEGHCM	4344	3907
>SMARCA4-F MIVDEGHRM	134	>SMARCA4-F MIVDEGHCM	121	13
>SMARCA4-F MIVDEGHR	437	>SMARCA4-F MIVDEGHC	25526	25089
>SMARCA4-F MIVDEGHR	22	>SMARCA4-F MIVDEGHC	26526	26504
>SMARCA4-F MIVDEGHRM	616	>SMARCA4-F MIVDEGHCM	71	545
>SMARCA4-F MIVDEGHRM	285	>SMARCA4-F MIVDEGHCM	6507	6222
>SMARCA4-F MIVDEGHRM	522	>SMARCA4-F MIVDEGHCM	280	242
>SMARCA4-F MIVDEGHR	125	>SMARCA4-F MIVDEGHC	33579	33454
>SMARCA4-F YMIVDEGHRI	504	>SMARCA4-F YMIVDEGHCI	339	165
>SMARCA4-F YMIVDEGHRI	113	>SMARCA4-F YMIVDEGHCI	146	33
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>SMARCA4-F YMIVDEGHR	16662	>SMARCA4-F YMIVDEGHC	470	16192
>SMARCA4-F YMIVDEGHRI	42	>SMARCA4-F YMIVDEGHCI	118	76
>SMARCA4-F YMIVDEGHR	17258	>SMARCA4-F YMIVDEGHC	245	17013
>SMARCA4-F YMIVDEGHRI	36	>SMARCA4-F YMIVDEGHCI	23	13
>SMARCA4-F YMIVDEGHRI	269	>SMARCA4-F YMIVDEGHCI	141	128
>SMARCA4-F YMIVDEGHRI	336	>SMARCA4-F YMIVDEGHCI	215	121
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>SMARCA4-F YMIVDEGHRI	24	>SMARCA4-F YMIVDEGHCI	71	47
>SMARCA4-F YMIVDEGHRI	148	>SMARCA4-F YMIVDEGHCI	129	19
>SMARCA4-F YMIVDEGHR	360	>SMARCA4-F YMIVDEGHC	37377	37017
>SMARCA4-F YMIVDEGHR	187	>SMARCA4-F YMIVDEGHC	37129	36942
>SMARCA4-F YMIVDEGHRI	353	>SMARCA4-F YMIVDEGHCI	147	206
>SMARCA4-F YMIVDEGHRI	142	>SMARCA4-F YMIVDEGHCI	124	18
>SMARCA4-F YMIVDEGHRI	387	>SMARCA4-F YMIVDEGHCI	389	2
>SMARCA4-F YMIVDEGHRI	191	>SMARCA4-F YMIVDEGHCI	95	96
>SMARCA4-F KYMIVDEGHI	340	>SMARCA4-F KYMIVDEGHI	890	550

>SMARCA4-F KYMIVDEGHI	372	>SMARCA4-F KYMIVDEGHI	546	174
>SMARCA4-F KYMIVDEGHI	496	>SMARCA4-F KYMIVDEGHI	463	33
>SMARCA4-F KYMIVDEGHI	57	>SMARCA4-F KYMIVDEGHI	213	156
>SMARCA4-F KYMIVDEGHI	107	>SMARCA4-F KYMIVDEGHI	26515	26408
>SMARCA4-F KYMIVDEGHI	21	>SMARCA4-F KYMIVDEGHI	28032	28011
>SMARCA4-F KYMIVDEGHI	260	>SMARCA4-F KYMIVDEGHI	222	38
>SMARCA4-F RRLHKVLRPF	6	>SMARCA4-F WRLHKVLRPI	14	8
>SMARCA4-F RRLHKVLRPF	111	>SMARCA4-F WRLHKVLRPI	395	284
>SMARCA4-F RRLHKVLR	27	>SMARCA4-F WRLHKVLR	69	42
>SMARCA4-F RRLHKVLRP	257	>SMARCA4-F WRLHKVLRP	1630	1373
>SMARCA4-F RRLHKVLRPF	15	>SMARCA4-F WRLHKVLRPI	34	19
>SMARCA4-F RRLHKVLRPF	21	>SMARCA4-F WRLHKVLRPI	58	37
>SMARCA4-F RRLHKVLRPF	2859	>SMARCA4-F WRLHKVLRPI	315	2544
>SMARCA4-F RRLHKVLR	51	>SMARCA4-F WRLHKVLR	971	920
>SMARCA4-F RRLHKVLRP	214	>SMARCA4-F WRLHKVLRP	8469	8255
>SMARCA4-F RRLHKVLRPF	66	>SMARCA4-F WRLHKVLRPI	301	235
>SMARCA4-F RRLHKVLRPF	16	>SMARCA4-F WRLHKVLRPI	175	159
>SMARCA4-F RRLHKVLRPF	78	>SMARCA4-F WRLHKVLRPI	205	127
>SMARCA4-F RRLHKVLRPF	5	>SMARCA4-F WRLHKVLRPI	12	7
>SMARCA4-F RRLHKVLR	61	>SMARCA4-F WRLHKVLR	144	83
>SMARCA4-F IRRLHKVLRPF	4055	>SMARCA4-F IWRLHKVLRP	340	3715
>SMARCA4-F IRRLHKVLR	2513	>SMARCA4-F IWRLHKVLR	25	2488
>SMARCA4-F IRRLHKVLR	3105	>SMARCA4-F IWRLHKVLR	186	2919
>SMARCA4-F IRRLHKVL	231	>SMARCA4-F IWRLHKVL	5816	5585
>SMARCA4-F IRRLHKVLRPF	24	>SMARCA4-F IWRLHKVLRP	521	497
>SMARCA4-F IRRLHKVLR	280	>SMARCA4-F IWRLHKVLR	26948	26668
>SMARCA4-F IRRLHKVLRPF	46	>SMARCA4-F IWRLHKVLRP	21211	21165
>SMARCA4-F IRRLHKVLR	490	>SMARCA4-F IWRLHKVLR	23	467
>SMARCA4-F IRRLHKVL	36839	>SMARCA4-F IWRLHKVL	447	36392
>SMARCA4-F LNEEETILIIR	30695	>SMARCA4-F LNEEETILIIW	87	30608
>SMARCA4-F IIRRLHKV	866	>SMARCA4-F IIRRLHKV	116	750
>SMARCA4-F IIRRLHKV	9500	>SMARCA4-F IIRRLHKV	94	9406
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>SMARCA4-F IIRRLHKV	2301	>SMARCA4-F IIRRLHKV	162	2139
>SMARCA4-F IIRRLHKV	398	>SMARCA4-F IIRRLHKV	5	393
>SMARCA4-F IIRRLHKVL	12225	>SMARCA4-F IIRRLHKVL	333	11892
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>SMARCA4-F IIRRLHKV	3653	>SMARCA4-F IIRRLHKV	23	3630
>SMARCA4-F IIRRLHKV	6276	>SMARCA4-F IIRRLHKV	35	6241
>SMARCA4-F IIRRLHKV	16	>SMARCA4-F IIRRLHKV	5	11
>SMARCA4-F IIRRLHKV	79	>SMARCA4-F IIRRLHKV	9800	9721
>SMARCA4-F IIRRLHKVL	75	>SMARCA4-F IIRRLHKVL	8960	8885

>SMARCA4-F IIRRLHKVLR	111	>SMARCA4-F IIWRLHKVLR	9834	9723
>SMARCA4-F IIRRLHKVLR	26	>SMARCA4-F IIWRLHKVLR	39	13
>SMARCA4-F IIRRLHKVLR	109	>SMARCA4-F IIWRLHKVLR	145	36
>SMARCA4-F IIRRLHKV	9003	>SMARCA4-F IIWRLHKV	292	8711
>SMARCA4-F IIRRLHKVL	89	>SMARCA4-F IIWRLHKVL	1324	1235
>SMARCA4-F IIRRLHKVL	274	>SMARCA4-F IIWRLHKVL	1034	760
>SMARCA4-F IIRRLHKVLR	180	>SMARCA4-F IIWRLHKVLR	34	146
>SMARCA4-F LIIRRLHKV	140	>SMARCA4-F LIIWRLHKV	30	110
>SMARCA4-F LIIRRLHKV	81	>SMARCA4-F LIIWRLHKV	36	45
>SMARCA4-F LIIRRLHKV	11	>SMARCA4-F LIIWRLHKV	7	4
>SMARCA4-F LIIRRLHKV	14	>SMARCA4-F LIIWRLHKV	6	8
>SMARCA4-F LIIRRLHKV	24	>SMARCA4-F LIIWRLHKV	5	19
>SMARCA4-F LIIRRLHKVL	2268	>SMARCA4-F LIIWRLHKVL	388	1880
>SMARCA4-F LIIRRLHKV	69	>SMARCA4-F LIIWRLHKV	75	6
>SMARCA4-F LIIRRLHKV	238	>SMARCA4-F LIIWRLHKV	34	204
>SMARCA4-F LIIRRLHKV	970	>SMARCA4-F LIIWRLHKV	127	843
>SMARCA4-F LIIRRLHKV	3	>SMARCA4-F LIIWRLHKV	2	1
>SMARCA4-F LIIRRLHKVL	306	>SMARCA4-F LIIWRLHKVL	97	209
>SMARCA4-F LIIRRLHK	98	>SMARCA4-F LIIWRLHK	96	2
>SMARCA4-F LIIRRLHK	63	>SMARCA4-F LIIWRLHK	39	24
>SMARCA4-F LIIRRLHKVLR	955	>SMARCA4-F LIIWRLHKVLF	467	488
>SMARCA4-F LIIRRLHK	105	>SMARCA4-F LIIWRLHK	625	520
>SMARCA4-F LIIRRLHKVLR	16	>SMARCA4-F LIIWRLHKVLF	16	0
>SMARCA4-F LIIRRLHKVLR	169	>SMARCA4-F LIIWRLHKVLF	81	88
>SMARCA4-F LIIRRLHK	401	>SMARCA4-F LIIWRLHK	170	231
>SMARCA4-F LIIRRLHKVLR	56	>SMARCA4-F LIIWRLHKVLF	25	31
>SMARCA4-F LIIRRLHKV	788	>SMARCA4-F LIIWRLHKV	382	406
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>SMARCA4-F LIIRRLHKV	176	>SMARCA4-F LIIWRLHKV	818	642
>SMARCA4-F LIIRRLHKVLR	297	>SMARCA4-F LIIWRLHKVLF	102	195
>SMARCA4-F ILIIRRLHKV	174	>SMARCA4-F ILIIRRLHKV	31	143
>SMARCA4-F ILIIRRLHKV	185	>SMARCA4-F ILIIRRLHKV	48	137
>SMARCA4-F ILIIRRLHKV	35	>SMARCA4-F ILIIRRLHKV	12	23
>SMARCA4-F ILIIRRLHKV	175	>SMARCA4-F ILIIRRLHKV	51	124
>SMARCA4-F ILIIRRLHKV	12	>SMARCA4-F ILIIRRLHKV	3	9
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>SMARCA4-F ILIIRRLHKV	55	>SMARCA4-F ILIIRRLHKV	15	40
>SMARCA4-F ILIIRRLHKV	27	>SMARCA4-F ILIIRRLHKV	9	18
>SMARCA4-F ILIIRRLHKV	268	>SMARCA4-F ILIIRRLHKV	36	232
>SMARCA4-F ILIIRRLHKV	2	>SMARCA4-F ILIIRRLHKV	2	0
>SMARCA4-F ILIIRRLHKVL	46	>SMARCA4-F ILIIRRLHKVL	17	29
>SMARCA4-F ILIIRRLHK	38	>SMARCA4-F ILIIRRLHK	46	8
>SMARCA4-F ILIIRRLHK	161	>SMARCA4-F ILIIRRLHK	88	73

>SMARCA4-F ILIIRRLHK	232	>SMARCA4-F ILIIWRLHK	727	495
>SMARCA4-F ILIIRRLHK	358	>SMARCA4-F ILIIWRLHK	364	6
>SMARCA4-F ILIIRRLHKV	3954	>SMARCA4-F ILIIWRLHKV	471	3483
>SMARCA4-F ILIIRRLHKVL	72	>SMARCA4-F ILIIWRLHKVL	814	742
>SMARCA4-F ILIIRRLHK	1685	>SMARCA4-F ILIIWRLHK	418	1267
>SMARCA4-F TILIIRRL	392	>SMARCA4-F TILIIWRL	794	402
>SMARCA4-F TILIIRRL	7096	>SMARCA4-F TILIIWRL	295	6801
>SMARCA4-F TILIIRRLHKV	1027	>SMARCA4-F TILIIWRLHKV	339	688
>SMARCA4-F TILIIRRLHKV	661	>SMARCA4-F TILIIWRLHKV	426	235
>SMARCA4-F TILIIRRL	3993	>SMARCA4-F TILIIWRL	147	3846
>SMARCA4-F TILIIRRLHKV	275	>SMARCA4-F TILIIWRLHKV	60	215
>SMARCA4-F TILIIRRL	1345	>SMARCA4-F TILIIWRL	67	1278
>SMARCA4-F TILIIRRLHKV	125	>SMARCA4-F TILIIWRLHKV	24	101
>SMARCA4-F TILIIRRL	6800	>SMARCA4-F TILIIWRL	230	6570
>SMARCA4-F TILIIRRLHKV	204	>SMARCA4-F TILIIWRLHKV	39	165
>SMARCA4-F TILIIRRLHKV	559	>SMARCA4-F TILIIWRLHKV	158	401
>SMARCA4-F TILIIRRL	2011	>SMARCA4-F TILIIWRL	93	1918
>SMARCA4-F TILIIRRLHKV	25	>SMARCA4-F TILIIWRLHKV	24	1
>SMARCA4-F TILIIRRLHK	41	>SMARCA4-F TILIIWRLHK	94	53
>SMARCA4-F TILIIRRLHK	19	>SMARCA4-F TILIIWRLHK	22	3
>SMARCA4-F TILIIRRLHK	97	>SMARCA4-F TILIIWRLHK	116	19
>SMARCA4-F TILIIRRLHK	119	>SMARCA4-F TILIIWRLHK	188	69
>SMARCA4-F TILIIRRLHK	200	>SMARCA4-F TILIIWRLHK	191	9
>SMARCA4-F TILIIRRL	2192	>SMARCA4-F TILIIWRL	406	1786
>SMARCA4-F TILIIRRLHKV	204	>SMARCA4-F TILIIWRLHKV	199	5
>SMARCA4-F TILIIRRL	3013	>SMARCA4-F TILIIWRL	209	2804
>SMARCA4-F TILIIRRLHKV	57	>SMARCA4-F TILIIWRLHKV	32	25
>SMARCA4-F TILIIRRLHK	798	>SMARCA4-F TILIIWRLHK	369	429
>SMARCA4-F ETILIIRRLHK	280	>SMARCA4-F ETILIIWRLHK	93	187
>SMARCA4-F ETILIIRRL	386	>SMARCA4-F ETILIIWRL	1470	1084
>SMARCA4-F ETILIIRRL	93	>SMARCA4-F ETILIIWRL	26	67
>SMARCA4-F ETILIIRR	291	>SMARCA4-F ETILIIWR	101	190
>SMARCA4-F ETILIIRRL	7	>SMARCA4-F ETILIIWRL	6	1
>SMARCA4-F ETILIIRRLH	213	>SMARCA4-F ETILIIWRLH	153	60
>SMARCA4-F ETILIIRR	487	>SMARCA4-F ETILIIWR	232	255
>SMARCA4-F ETILIIRR	20	>SMARCA4-F ETILIIWR	13	7
>SMARCA4-F ETILIIRRLHK	148	>SMARCA4-F ETILIIWRLHK	63	85
>SMARCA4-F ETILIIRR	2	>SMARCA4-F ETILIIWR	2	0
>SMARCA4-F ETILIIRRLHK	6	>SMARCA4-F ETILIIWRLHK	5	1
>SMARCA4-F ETILIIRRL	9	>SMARCA4-F ETILIIWRL	4	5
>SMARCA4-F ETILIIRRL	382	>SMARCA4-F ETILIIWRL	10	372
>SMARCA4-F ETILIIRRL	156	>SMARCA4-F ETILIIWRL	110	46
>SMARCA4-F ETILIIRR	386	>SMARCA4-F ETILIIWR	145	241



>SMARCA4-F EETILIRRL	410	>SMARCA4-F EETILIIWRL	1065	655
>SMARCA4-F EETILIR	273	>SMARCA4-F EETILIIW	34833	34560
>SMARCA4-F EETILIRR	247	>SMARCA4-F EETILIIWR	86	161
>SMARCA4-F EETILIR	6364	>SMARCA4-F EETILIIW	465	5899
>SMARCA4-F EETILIRRL	1062	>SMARCA4-F EETILIIWRL	465	597
>SMARCA4-F EETILIR	7768	>SMARCA4-F EETILIIW	103	7665
>SMARCA4-F EETILIRRL	382	>SMARCA4-F EETILIIWRL	261	121
>SMARCA4-F EETILIR	1462	>SMARCA4-F EETILIIW	21	1441
>SMARCA4-F EETILIRRLH	1148	>SMARCA4-F EETILIIWRLH	379	769
>SMARCA4-F EETILIRRL	1032	>SMARCA4-F EETILIIWRL	164	868
>SMARCA4-F EETILIRR	439	>SMARCA4-F EETILIIWR	178	261
>SMARCA4-F EETILIRRL	213	>SMARCA4-F EETILIIWRL	593	380
>SMARCA4-F EETILIR	6762	>SMARCA4-F EETILIIW	457	6305
>SMARCA4-F EETILIRRL	300	>SMARCA4-F EETILIIWRL	74	226
>SMARCA4-F EETILIR	12379	>SMARCA4-F EETILIIW	322	12057
>SMARCA4-F EETILIR	3015	>SMARCA4-F EETILIIW	29	2986
>SMARCA4-F EETILIRRL	687	>SMARCA4-F EETILIIWRL	299	388
>SMARCA4-F EETILIRRL	1066	>SMARCA4-F EETILIIWRL	410	656
>SMARCA4-F EETILIRRL	259	>SMARCA4-F EETILIIWRL	111	148
>SMARCA4-F EETILIR	33081	>SMARCA4-F EETILIIW	377	32704
>SMARCA4-F EETILIRR	697	>SMARCA4-F EETILIIWR	329	368
>SMARCA4-F NEEETILIR	21487	>SMARCA4-F NEEETILIIW	66	21421
>SMARCA4-F NEEETILIR	20739	>SMARCA4-F NEEETILIIW	155	20584
>SMARCA4-F NEEETILIR	16798	>SMARCA4-F NEEETILIIW	381	16417
>SMARCA4-F NEEETILIR	33064	>SMARCA4-F NEEETILIIW	305	32759
>SMARCA4-S IIFDSDWNPH	118	>SMARCA4-S IIFDCDWNPH	135	17
>SMARCA4-S VIIFDSDW	326	>SMARCA4-S VIIFDCDW	290	36
>SMARCA4-S TVIIFDSDW	438	>SMARCA4-S TVIIFDCDW	659	221
>SMARCA4-S TVIIFDSDW	716	>SMARCA4-S TVIIFDCDW	294	422
>SMARCA4-S TVIIFDSDW	241	>SMARCA4-S TVIIFDCDW	208	33
>SMARCA4-S TVIIFDSDW	427	>SMARCA4-S TVIIFDCDW	114	313
>SMARCA4-S TVIIFDSDW	349	>SMARCA4-S TVIIFDCDW	420	71
>SMARCA4-S DTVIIFDSDW	285	>SMARCA4-S DTVIIFDCDW	544	259
>SMARCA4-S DTVIIFDSDW	499	>SMARCA4-S DTVIIFDCDW	548	49
>SMARCA4-S DTVIIFDSDW	442	>SMARCA4-S DTVIIFDCDW	532	90
>SMARCA4-S ADTVIIFDSDV	506	>SMARCA4-S ADTVIIFDCDV	473	33
>SMARCA4-S SLYNNNLNGI	29	>SMARCA4-S FLYNNNLNGI	10	19
>SMARCA4-S SLYNNNLNGI	213	>SMARCA4-S FLYNNNLNGI	27	186
>SMARCA4-S SLYNNNLN	5118	>SMARCA4-S FLYNNNLN	420	4698
>SMARCA4-S SLYNNNLNG	5915	>SMARCA4-S FLYNNNLNG	430	5485
>SMARCA4-S SLYNNNLNGI	11	>SMARCA4-S FLYNNNLNGI	6	5
>SMARCA4-S SLYNNNLNGI	110	>SMARCA4-S FLYNNNLNGI	11	99
>SMARCA4-S SLYNNNLNG	3048	>SMARCA4-S FLYNNNLNG	373	2675

>SMARCA4-S SLYNNNLNGI	9	>SMARCA4-S FLYNNNLNGI	6	3
>SMARCA4-S SLYNNNLNGI	42	>SMARCA4-S FLYNNNLNGI	7	35
>SMARCA4-S SLYNNNLNGI	124	>SMARCA4-S FLYNNNLNGI	30	94
>SMARCA4-S SLYNNNLNGI	2350	>SMARCA4-S FLYNNNLNGI	89	2261
>SMARCA4-S SLYNNNLN	1618	>SMARCA4-S FLYNNNLN	208	1410
>SMARCA4-S SLYNNNLNG	708	>SMARCA4-S FLYNNNLNG	77	631
>SMARCA4-S SLYNNNLNGI	3	>SMARCA4-S FLYNNNLNGI	2	1
>SMARCA4-S SLYNNNLNGI	11	>SMARCA4-S FLYNNNLNGI	4	7
>SMARCA4-S SLYNNNLNG	4066	>SMARCA4-S FLYNNNLNG	487	3579
>SMARCA4-S SLYNNNLNGI	5	>SMARCA4-S FLYNNNLNGI	3	2
>SMARCA4-S SLYNNNLNGI	31	>SMARCA4-S FLYNNNLNGI	5	26
>SMARCA4-S SLYNNNLNGI	8	>SMARCA4-S FLYNNNLNGI	5	3
>SMARCA4-S SLYNNNLNGI	20	>SMARCA4-S FLYNNNLNGI	12	8
>SMARCA4-S SLYNNNLNGI	142	>SMARCA4-S FLYNNNLNGI	8	134
>SMARCA4-S SLYNNNLNGI	2676	>SMARCA4-S FLYNNNLNGI	113	2563
>SMARCA4-S SLYNNNLNG	3989	>SMARCA4-S FLYNNNLNG	270	3719
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>SMARCA4-S SLYNNNLNGI	10	>SMARCA4-S FLYNNNLNGI	3	7
>SMARCA4-S SLYNNNLNGI	94	>SMARCA4-S FLYNNNLNGI	921	827
>SMARCA4-S SLYNNNLNGI	329	>SMARCA4-S FLYNNNLNGI	98	231
>SMARCA4-S SLYNNNLNGI	800	>SMARCA4-S FLYNNNLNGI	249	551
>SMARCA4-S SLYNNNLNGI	246	>SMARCA4-S FLYNNNLNGI	75	171
>SMARCA4-S SLYNNNLNGI	781	>SMARCA4-S FLYNNNLNGI	172	609
>SMARCA4-S SLYNNNLNGI	745	>SMARCA4-S FLYNNNLNGI	166	579
>SMARCA4-S SLYNNNLNGI	331	>SMARCA4-S FLYNNNLNGI	767	436
>SMARCA4-S VSLYNNNL	128	>SMARCA4-S VFLYNNNL	462	334
>SMARCA4-S VSLYNNNLNC	394	>SMARCA4-S VFLYNNNLNC	2631	2237
>SMARCA4-S VSLYNNNL	7380	>SMARCA4-S VFLYNNNL	111	7269
>SMARCA4-S VSLYNNNLNC	9369	>SMARCA4-S VFLYNNNLNC	194	9175
>SMARCA4-S VSLYNNNL	17449	>SMARCA4-S VFLYNNNL	214	17235
>SMARCA4-S VSLYNNNLNC	15293	>SMARCA4-S VFLYNNNLNC	203	15090
>SMARCA4-S VSLYNNNL	428	>SMARCA4-S VFLYNNNL	5642	5214
>SMARCA4-S VSLYNNNL	52	>SMARCA4-S VFLYNNNL	25601	25549
>SMARCA4-S VSLYNNNLNC	344	>SMARCA4-S VFLYNNNLNC	27329	26985
>SMARCA4-S YQIKGLEWL	85	>SMARCA4-S YQIKGLEWL	19	66
>SMARCA4-S YQIKGLEWL	25017	>SMARCA4-S YQIKGLEWL	169	24848
>SMARCA4-S YQIKGLEWL	23310	>SMARCA4-S YQIKGLEWL	326	22984
>SMARCA4-S YQIKGLEWL	19905	>SMARCA4-S YQIKGLEWL	278	19627
>SMARCA4-S YQIKGLEWL	16051	>SMARCA4-S YQIKGLEWL	221	15830
>SMARCA4-S YQIKGLEWL	718	>SMARCA4-S YQIKGLEWL	25	693
>SMARCA4-S YQIKGLEWL	8330	>SMARCA4-S YQIKGLEWL	87	8243
>SMARCA4-S YQIKGLEWL	1418	>SMARCA4-S YQIKGLEWL	3	1415
>SMARCA4-S YQIKGLEWL	15697	>SMARCA4-S YQIKGLEWL	404	15293

>SMARCA4-SYQIKGLEWLV	6239	>SMARCA4-SYQIKGLEWLV	196	6043
>SMARCA4-SLVSLYNNNL	1762	>SMARCA4-SLVFLYNNNL	53	1709
>SMARCA4-SLVSLYNNNL	30	>SMARCA4-SLVFLYNNNL	25	5
>SMARCA4-SLVSLYNNNL	2062	>SMARCA4-SLVFLYNNNL	414	1648
>SMARCA4-SLVSLYNNNL	658	>SMARCA4-SLVFLYNNNL	137	521
>SMARCA4-SWLVS LYNNN	20	>SMARCA4-SWL VFLYNNN	60	40
>SMARCA4-SWLVS LYNNN	97	>SMARCA4-SWL VFLYNNN	338	241
>SMARCA4-SWLVS LYNNN	306	>SMARCA4-SWL VFLYNNN	439	133
>SMARCA4-SWLVS LYNNN	92	>SMARCA4-SWL VFLYNNN	168	76
>SMARCA4-SWLVS LYNNN	171	>SMARCA4-SWL VFLYNNN	242	71
>SMARCA4-SWLVS LYNNN	201	>SMARCA4-SWL VFLYNNN	353	152
>SMARCA4-SWLVS LYNNN	322	>SMARCA4-SWL VFLYNNN	378	56
>SMARCA4-SWLVS LYNNN	24	>SMARCA4-SWL VFLYNNN	51	27
>SMARCA4-SWLVS LYNNN	379	>SMARCA4-SWL VFLYNNN	983	604
>SMARCA4-SEWLVSLYNNI	2241	>SMARCA4-SEWLVFLYNNI	365	1876
>SMARCA4-SEWLVSLY	1666	>SMARCA4-SEWLVFLY	271	1395
>SMARCA4-SEWLVSLY	354	>SMARCA4-SEWLVFLY	197	157
>SMARCA4-SEWLVSLYNN	800	>SMARCA4-SEWLVFLYNN	459	341
>SMARCA4-SEWLVSLYNNI	155	>SMARCA4-SEWLVFLYNNI	108	47
>SMARCA4-SLEWLVSLY	76	>SMARCA4-SLEWLVFLY	30	46
>SMARCA4-SLEWLVSLY	89	>SMARCA4-SLEWLVFLY	29	60
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>SMARCA4-SLEWLVSLY	15	>SMARCA4-SLEWLVFLY	9	6
>SMARCA4-SLEWLVSLYN	969	>SMARCA4-SLEWLVFLYN	317	652
>SMARCA4-SLEWLVSLY	174	>SMARCA4-SLEWLVFLY	216	42
>SMARCA4-SLEWLVSLY	122	>SMARCA4-SLEWLVFLY	58	64
>SMARCA4-SGLEWLVSL	227	>SMARCA4-SGLEWLVFL	68	159
>SMARCA4-SGLEWLVSL	47	>SMARCA4-SGLEWLVFL	18	29
>SMARCA4-SGLEWLVSL	441	>SMARCA4-SGLEWLVFL	683	242
>SMARCA4-SGLEWLVSL	23	>SMARCA4-SGLEWLVFL	14	9
>SMARCA4-SGLEWLVSL	60	>SMARCA4-SGLEWLVFL	29	31
>SMARCA4-SGLEWLVSL	73	>SMARCA4-SGLEWLVFL	23	50
>SMARCA4-SGLEWLVSL	4	>SMARCA4-SGLEWLVFL	5	1
>SMARCA4-SGLEWLVSLY	4371	>SMARCA4-SGLEWLVFLY	477	3894
>SMARCA4-SGLEWLVSLY	68	>SMARCA4-SGLEWLVFLY	17	51
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>SMARCA4-SGLEWLVSLY	12	>SMARCA4-SGLEWLVFLY	340	328
>SMARCA4-SGLEWLVSLY	53	>SMARCA4-SGLEWLVFLY	18	35
>SMARCA4-SKGLEWLVSL	328	>SMARCA4-SKGLEWLVFL	138	190
>SMARCA4-SKGLEWLVSL	26	>SMARCA4-SKGLEWLVFL	14	12
>SMARCA4-SKGLEWLVSL	77	>SMARCA4-SKGLEWLVFL	39	38

>SMARCA4-S KGLEWLVS	333	>SMARCA4-S KGLEWLVFL	60	273
>SMARCA4-S KGLEWLVSLY	234	>SMARCA4-S KGLEWLVFLY	464	230
>SMARCA4-S KGLEWLVS	487	>SMARCA4-S KGLEWLVFL	6155	5668
>SMARCA4-S KGLEWLVSLY	381	>SMARCA4-S KGLEWLVFLY	64	317
>SMARCA4-S KGLEWLVS	22799	>SMARCA4-S KGLEWLVF	251	22548
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>SMARCA4-S KGLEWLVSLY	138	>SMARCA4-S KGLEWLVFLY	189	51
>SMARCA4-S KGLEWLVS	19099	>SMARCA4-S KGLEWLVF	114	18985
>SMARCA4-S KGLEWLVSLY	510	>SMARCA4-S KGLEWLVFLY	131	379
>SMARCA4-S IKGLEWLVS	673	>SMARCA4-S IKGLEWLVFL	160	513
>SMARCA4-S IKGLEWLVS	1486	>SMARCA4-S IKGLEWLVFL	382	1104
>SMARCA4-S IKGLEWLVS	12233	>SMARCA4-S IKGLEWLVF	21	12212
>SMARCA4-S IKGLEWLVS	257	>SMARCA4-S IKGLEWLVFL	771	514
>SMARCA4-S IKGLEWLVS	159	>SMARCA4-S IKGLEWLVFL	417	258
>SMARCA4-S QIKGLEWLVS	605	>SMARCA4-S QIKGLEWLVF	247	358
>SMARCA4-S QIKGLEWLVS	199	>SMARCA4-S QIKGLEWLVF	307	108
>SMARCA4-S QIKGLEWLVS	18371	>SMARCA4-S QIKGLEWLVF	480	17891
>SMARCA4-T TLSNWAYEF	2079	>SMARCA4-T KLSNWAYEF	346	1733
>SMARCA4-T TLSNWAYEF	683	>SMARCA4-T KLSNWAYEF	269	414
>SMARCA4-T TLSNWAYEF	296	>SMARCA4-T KLSNWAYEF	58	238
>SMARCA4-T TLSNWAYEF	1180	>SMARCA4-T KLSNWAYEF	149	1031
>SMARCA4-T TLSNWAYEF	114	>SMARCA4-T KLSNWAYEFI	45	69
>SMARCA4-T TLSNWAYEFI	25	>SMARCA4-T KLSNWAYEFI	28	3
>SMARCA4-T TLSNWAYEF	66	>SMARCA4-T KLSNWAYEF	91	25
>SMARCA4-T TLSNWAYEF	65	>SMARCA4-T KLSNWAYEF	141	76
>SMARCA4-T TLSNWAYEF	1259	>SMARCA4-T KLSNWAYEF	249	1010
>SMARCA4-T TLSNWAYEFI	3412	>SMARCA4-T KLSNWAYEFI	315	3097
>SMARCA4-T TLSNWAYEF	56	>SMARCA4-T KLSNWAYEF	7	49
>SMARCA4-T TLSNWAYEFI	142	>SMARCA4-T KLSNWAYEFI	3917	3775
>SMARCA4-T TLSNWAYEF	183	>SMARCA4-T KLSNWAYEF	114	69
>SMARCA4-T TLSNWAYEF	171	>SMARCA4-T KLSNWAYEF	29	142
>SMARCA4-T TLSNWAYEF	460	>SMARCA4-T KLSNWAYEF	2721	2261
>SMARCA4-T TLSNWAYEF	9289	>SMARCA4-T KLSNWAYEF	367	8922
>SMARCA4-T STLSNWAY	233	>SMARCA4-T SKLSNWAY	19942	19709
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>SMARCA4-T STLSNWAYEF	82	>SMARCA4-T SKLSNWAYEF	2824	2742
>SMARCA4-T STLSNWAY	366	>SMARCA4-T SKLSNWAY	19860	19494
>SMARCA4-T STLSNWAY	17	>SMARCA4-T SKLSNWAY	5983	5966
>SMARCA4-T STLSNWAYEF	50	>SMARCA4-T SKLSNWAYEF	9768	9718
>SMARCA4-T STLSNWAY	132	>SMARCA4-T SKLSNWAY	7821	7689
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>SMARCA4-T STLSNWAYEF	196	>SMARCA4-T SKLSNWAYEF	1629	1433
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>SMARCA4-T STLSNWAY	98	>SMARCA4-T SKLSNWAY	1701	1603
>SMARCA4-T STLSNWAY	457	>SMARCA4-T SKLSNWAY	7793	7336
>SMARCA4-T STLSNWAY	344	>SMARCA4-T SKLSNWAY	621	277
>SMARCA4-T STLSNWAY	143	>SMARCA4-T SKLSNWAY	7	136
>SMARCA4-T STLSNWAYEF	63	>SMARCA4-T SKLSNWAYEF	5	58
>SMARCA4-T STLSNWAY	9	>SMARCA4-T SKLSNWAY	15289	15280
>SMARCA4-T STLSNWAYEF	5	>SMARCA4-T SKLSNWAYEF	12232	12227
>SMARCA4-T STLSNWAY	311	>SMARCA4-T SKLSNWAY	2338	2027
>SMARCA4-T STLSNWAYEF	393	>SMARCA4-T SKLSNWAYEF	21796	21403
>SMARCA4-T STLSNWAYEF	470	>SMARCA4-T SKLSNWAYEF	19205	18735
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>SMARCA4-T STLSNWAY	457	>SMARCA4-T SKLSNWAY	3253	2796
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>SMARCA4-T STLSNWAYE	313	>SMARCA4-T SKLSNWAYE	10261	9948
>SMARCA4-T STLSNWAYEF	314	>SMARCA4-T SKLSNWAYEF	7727	7413
>SMARCA4-T LSTLSNWAY	18	>SMARCA4-T LSKLSNWAY	66	48
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>SMARCA4-T LSTLSNWAY	39	>SMARCA4-T LSKLSNWAY	37	2
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>SMARCA4-T LSTLSNWAYE	2298	>SMARCA4-T LSKLSNWAYE	131	2167
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>SMARCA4-T LSTLSNWAYE	77	>SMARCA4-T LSKLSNWAYE	31	46
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>SMARCA4-T LSTLSNWAYE	5	>SMARCA4-T LSKLSNWAYE	5	0
>SMARCA4-T LSTLSNWAY	41	>SMARCA4-T LSKLSNWAY	308	267
>SMARCA4-T LSTLSNWAYE	195	>SMARCA4-T LSKLSNWAYE	1690	1495
>SMARCA4-T LSTLSNWAYE	468	>SMARCA4-T LSKLSNWAYE	258	210
>SMARCA4-T LSTLSNWAY	103	>SMARCA4-T LSKLSNWAY	2683	2580
>SMARCA4-T LSTLSNWAYE	38	>SMARCA4-T LSKLSNWAYE	586	548
>SMARCA4-T LSTLSNWAYE	110	>SMARCA4-T LSKLSNWAYE	1636	1526
>SMARCA4-T LSTLSNWAYE	212	>SMARCA4-T LSKLSNWAYE	217	5
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>SMARCA4-T PLSTLSNWA	215	>SMARCA4-T PLSKLSNWA	309	94
>SMARCA4-T PLSTLSNWAY	139	>SMARCA4-T PLSKLSNWAY	152	13
>SMARCA4-T PLSTLSNWAY	773	>SMARCA4-T PLSKLSNWAY	478	295
>SMARCA4-T PLSTLSNWAY	729	>SMARCA4-T PLSKLSNWAY	310	419
>SMARCA4-T VPLSTLSNWA	159	>SMARCA4-T VPLSKLSNWA	237	78
>SMARCA4-T VPLSTLSNWA	139	>SMARCA4-T VPLSKLSNWA	578	439
>SMARCA4-T VPLSTLSNWA	400	>SMARCA4-T VPLSKLSNWA	945	545
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>SMARCA4-T VPLSTLSNW	14	>SMARCA4-T VPLSKLSNW	32	18
>SMARCA4-T VPLSTLSNW/	48	>SMARCA4-T VPLSKLSNW/	101	53
>SMARCA4-T VPLSTLSNW/	41	>SMARCA4-T VPLSKLSNW/	70	29
>SMARCA4-T VPLSTLSNW	489	>SMARCA4-T VPLSKLSNW	2633	2144
>SMARCA4-T VPLSTLSNW/	75	>SMARCA4-T VPLSKLSNW/	79	4
>SMARCA4-T VPLSTLSNW	5	>SMARCA4-T VPLSKLSNW	5	0
>SMARCA4-T VPLSTLSNW/	68	>SMARCA4-T VPLSKLSNW/	93	25
>SMARCA4-T IVPLSTLSNW	368	>SMARCA4-T IVPLSKLSNW	779	411
>SMARCA4-T IIVPLSTL	202	>SMARCA4-T IIVPLSKL	142	60
>SMARCA4-T IIVPLSTL	178	>SMARCA4-T IIVPLSKL	265	87
>SMARCA4-T IIVPLSTL	96	>SMARCA4-T IIVPLSKL	292	196
>SMARCA4-T IIVPLSTL	42	>SMARCA4-T IIVPLSKL	334	292
>SMARCA4-T IIVPLSTL	231	>SMARCA4-T IIVPLSKL	850	619
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>SMARCA4-T IIVPLSTLSNW	9	>SMARCA4-T IIVPLSKLSNW	10	1
>SMARCA4-T IIVPLSTLSNW	172	>SMARCA4-T IIVPLSKLSNW	185	13
>SMARCA4-T IIVPLSTLSNW	22	>SMARCA4-T IIVPLSKLSNW	49	27
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>SMARCA4-T LIIVPLSTL	155	>SMARCA4-T LIIVPLSKL	289	134
>SMARCA4-T LIIVPLSTL	125	>SMARCA4-T LIIVPLSKL	386	261
>SMARCA4-T LIIVPLSTL	246	>SMARCA4-T LIIVPLSKL	973	727
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>SMARCA4-T LIIVPLSTL	391	>SMARCA4-T LIIVPLSKL	1075	684
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>SMARCA4-T FLIIVPLST	77	>SMARCA4-T FLIIVPLSK	6950	6873
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>SMARCA4-T FLIIVPLSTLS	458	>SMARCA4-T FLIIVPLSKLS	1858	1400
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>SMARCA4-T FLIIVPLSTL	8	>SMARCA4-T FLIIVPLSKL	11	3
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>SMARCA4-T FLIIVPLST	50	>SMARCA4-T FLIIVPLSK	2681	2631
>SMARCA4-T FLIIVPLSTL	14	>SMARCA4-T FLIIVPLSKL	21	7
>SMARCA4-T FLIIVPLSTLS	96	>SMARCA4-T FLIIVPLSKLS	461	365
>SMARCA4-T FLIIVPLSTL	33	>SMARCA4-T FLIIVPLSKL	51	18
>SMARCA4-T FLIIVPLST	11	>SMARCA4-T FLIIVPLSK	314	303
>SMARCA4-T FLIIVPLSTL	2	>SMARCA4-T FLIIVPLSKL	3	1
>SMARCA4-T FLIIVPLSTLS	218	>SMARCA4-T FLIIVPLSKLS	432	214
>SMARCA4-T FLIIVPLSTL	7	>SMARCA4-T FLIIVPLSKL	16	9

>SMARCA4-T FLIIVPLST	172	>SMARCA4-T FLIIVPLSK	5176	5004
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>SMARCA4-T FLIIVPLSTL	95	>SMARCA4-T FLIIVPLSKL	184	89
>SMARCA4-T FLIIVPLST	35	>SMARCA4-T FLIIVPLSK	994	959
>SMARCA4-T FLIIVPLSTL	3	>SMARCA4-T FLIIVPLSKL	3	0
>SMARCA4-T FLIIVPLSTLS	397	>SMARCA4-T FLIIVPLSKLS	1517	1120
>SMARCA4-T FLIIVPLST	18529	>SMARCA4-T FLIIVPLSK	140	18389
>SMARCA4-T FLIIVPLST	27966	>SMARCA4-T FLIIVPLSK	80	27886
>SMARCA4-T FLIIVPLST	23717	>SMARCA4-T FLIIVPLSK	176	23541
>SMARCA4-T FLIIVPLSTL	439	>SMARCA4-T FLIIVPLSKL	1164	725
>SMARCA4-T FLIIVPLSTL	399	>SMARCA4-T FLIIVPLSKL	2984	2585
>SMARCA4-T PFLIIVPLSTL	464	>SMARCA4-T PFLIIVPLSKL	676	212
>SMARCA4-T LTGTPLQNK	3386	>SMARCA4-T LMGTPLQNK	195	3191
>SMARCA4-T LTGTPLQNK	6067	>SMARCA4-T LMGTPLQNK	38	6029
>SMARCA4-T LTGTPLQNK	10762	>SMARCA4-T LMGTPLQNK	86	10676
>SMARCA4-T LTGTPLQNK	12152	>SMARCA4-T LMGTPLQNK	208	11944
>SMARCA4-T LTGTPLQNK	18419	>SMARCA4-T LMGTPLQNK	123	18296
>SMARCA4-T LTGTPLQNK	6607	>SMARCA4-T LMGTPLQNK	9	6598
>SMARCA4-T LTGTPLQNK	563	>SMARCA4-T LMGTPLQNK	115	448
>SMARCA4-T LTGTPLQNK	140	>SMARCA4-T LMGTPLQNK	422	282
>SMARCA4-T LTGTPLQNK	479	>SMARCA4-T LMGTPLQNK	13672	13193
>SMARCA4-T LTGTPLQNK	211	>SMARCA4-T LMGTPLQNK	14229	14018
>SMARCA4-T LTGTPLQNK	173	>SMARCA4-T LMGTPLQNK	9674	9501
>SMARCA4-T HYVAPRRLL	5325	>SMARCA4-T HYVAPRRLL	389	4936
>SMARCA4-T LLTGTPLQNK	919	>SMARCA4-T LLMGTPLQNI	36	883
>SMARCA4-T LLTGTPLQ	1937	>SMARCA4-T LLMGTPLQ	218	1719
>SMARCA4-T LLTGTPLQNK	46	>SMARCA4-T LLMGTPLQNI	10	36
>SMARCA4-T LLTGTPLQNK	355	>SMARCA4-T LLMGTPLQNI	25	330
>SMARCA4-T LLTGTPLQNK	2814	>SMARCA4-T LLMGTPLQNI	467	2347
>SMARCA4-T LLTGTPLQ	2724	>SMARCA4-T LLMGTPLQ	486	2238
>SMARCA4-T LLTGTPLQNK	53	>SMARCA4-T LLMGTPLQNI	11	42
>SMARCA4-T LLTGTPLQNK	260	>SMARCA4-T LLMGTPLQNI	19	241
>SMARCA4-T LLTGTPLQNK	42	>SMARCA4-T LLMGTPLQNI	35	7
>SMARCA4-T LLTGTPLQNK	200	>SMARCA4-T LLMGTPLQNI	5	195
>SMARCA4-T LLTGTPLQ	16	>SMARCA4-T LLMGTPLQ	14	2
>SMARCA4-T LLTGTPLQNK	215	>SMARCA4-T LLMGTPLQNI	197	18
>SMARCA4-T LLTGTPLQNK	3	>SMARCA4-T LLMGTPLQNI	3	0
>SMARCA4-T LLTGTPLQNK	76	>SMARCA4-T LLMGTPLQNI	16	60
>SMARCA4-T LLTGTPLQNK	102	>SMARCA4-T LLMGTPLQNI	21	81
>SMARCA4-T LLTGTPLQNK	335	>SMARCA4-T LLMGTPLQNI	183	152
>SMARCA4-T LLLTGTP	24	>SMARCA4-T LLLMGTP	29	5
>SMARCA4-T LLLTGTP	55	>SMARCA4-T LLLMGTP	106	51
>SMARCA4-T LLLTGTP	42	>SMARCA4-T LLLMGTP	51	9

>SMARCA4-T LLLTGTP	25	>SMARCA4-T LLLMGTP	36	11
>SMARCA4-T LLLTGTP	7	>SMARCA4-T LLLMGTP	7	0
>SMARCA4-T LLLTGTP	9	>SMARCA4-T LLLMGTP	16	7
>SMARCA4-T LLLTGTP	11	>SMARCA4-T LLLMGTP	10	1
>SMARCA4-T LLLTGTP	414	>SMARCA4-T LLLMGTP	302	112
>SMARCA4-T LLLTGTP	17	>SMARCA4-T LLLMGTP	25	8
>SMARCA4-T LLLTGTP	4	>SMARCA4-T LLLMGTP	4	0
>SMARCA4-T LLLTGTP	20	>SMARCA4-T LLLMGTP	19	1
>SMARCA4-T LLLTGTP	328	>SMARCA4-T LLLMGTP	234	94
>SMARCA4-T LLLTGTP	65	>SMARCA4-T LLLMGTP	81	16
>SMARCA4-T LLLTGTP	253	>SMARCA4-T LLLMGTP	215	38
>SMARCA4-T LLLTGTP	418	>SMARCA4-T LLLMGTP	372	46
>SMARCA4-T LLLTGTP	676	>SMARCA4-T LLLMGTP	328	348
>SMARCA4-T LLLTGTP	179	>SMARCA4-T LLLMGTP	247	68
>SMARCA4-T RLLLTGTP	1131	>SMARCA4-T RLLLMGTP	137	994
>SMARCA4-T RLLLTGTP	292	>SMARCA4-T RLLLMGTP	171	121
>SMARCA4-T RLLLTGTP	408	>SMARCA4-T RLLLMGTP	320	88
>SMARCA4-T RLLLTGTP	136	>SMARCA4-T RLLLMGTP	120	16
>SMARCA4-T RLLLTGTP	216	>SMARCA4-T RLLLMGTP	171	45
>SMARCA4-T RLLLTGTP	17	>SMARCA4-T RLLLMGTP	51	34
>SMARCA4-T RLLLTGTP	28	>SMARCA4-T RLLLMGTP	81	53
>SMARCA4-T RLLLTGTP	29	>SMARCA4-T RLLLMGTP	58	29
>SMARCA4-T RLLLTGTP	37	>SMARCA4-T RLLLMGTP	33	4
>SMARCA4-T RLLLTGTP	477	>SMARCA4-T RLLLMGTP	383	94
>SMARCA4-T RLLLTGTP	70	>SMARCA4-T RLLLMGTP	38	32
>SMARCA4-T RLLLTGTP	222	>SMARCA4-T RLLLMGTP	333	111
>SMARCA4-T RLLLTGTP	417	>SMARCA4-T RLLLMGTP	583	166
>SMARCA4-T RLLLTGTP	66	>SMARCA4-T RLLLMGTP	347	281
>SMARCA4-T RLLLTGTP	157	>SMARCA4-T RLLLMGTP	307	150
>SMARCA4-T RLLLTGTP	115	>SMARCA4-T RLLLMGTP	212	97
>SMARCA4-T RLLLTGTP	69	>SMARCA4-T RLLLMGTP	81	12
>SMARCA4-T RLLLTGTP	198	>SMARCA4-T RLLLMGTP	165	33
>SMARCA4-T RLLLTGTP	7	>SMARCA4-T RLLLMGTP	7	0
>SMARCA4-T RLLLTGTP	164	>SMARCA4-T RLLLMGTP	149	15
>SMARCA4-T RLLLTGTP	319	>SMARCA4-T RLLLMGTP	615	296
>SMARCA4-T RLLLTGTP	47	>SMARCA4-T RLLLMGTP	145	98
>SMARCA4-T RLLLTGTP	168	>SMARCA4-T RLLLMGTP	220	52
>SMARCA4-T RLLLTGTP	15	>SMARCA4-T RLLLMGTP	15	0
>SMARCA4-T RLLLTGTP	90	>SMARCA4-T RLLLMGTP	110	20
>SMARCA4-T RLLLTGTP	92	>SMARCA4-T RLLLMGTP	103	11
>SMARCA4-T RLLLTGTP	299	>SMARCA4-T RLLLMGTP	456	157
>SMARCA4-T RLLLTGTP	13	>SMARCA4-T RLLLMGTP	13	0
>SMARCA4-T RLLLTGTP	79	>SMARCA4-T RLLLMGTP	110	31



>SMARCA4-T PRRLLLTGTP	547	>SMARCA4-T PRRLLLMGTP	422	125
>SMARCA4-T PRRLLLTGTP	207	>SMARCA4-T PRRLLLMGTP	120	87
>SMARCA4-T APRRLLLT	238	>SMARCA4-T APRRLLLM	21	217
>SMARCA4-T VAPRRLLLT	1657	>SMARCA4-T VAPRRLLLM	487	1170
>SMARCA4-T VAPRRLLLT	2179	>SMARCA4-T VAPRRLLLM	68	2111
>SMARCA4-T VAPRRLLLT	1545	>SMARCA4-T VAPRRLLLM	11	1534
>SMARCA4-T YVAPRRLLLT	1295	>SMARCA4-T YVAPRRLLLM	335	960
>SMARCA4-T YVAPRRLLLT	418	>SMARCA4-T YVAPRRLLLM	653	235
>SMARCA4-T YVAPRRLLLT	337	>SMARCA4-T YVAPRRLLLM	286	51
>SMARCA4-T YVAPRRLLLT	808	>SMARCA4-T YVAPRRLLLM	479	329
>SMARCA4-T YVAPRRLLLT	14473	>SMARCA4-T YVAPRRLLLM	224	14249
>SMARCA4-T YVAPRRLLLT	9586	>SMARCA4-T YVAPRRLLLM	58	9528
>SMARCA4-V WLVS LYNNN	624	>SMARCA4-V RLVSLYNNNL	494	130
>SMARCA4-V WLVS LYNNN	20	>SMARCA4-V RLVSLYNNNL	24	4
>SMARCA4-V WLVS LYNNN	97	>SMARCA4-V RLVSLYNNNL	108	11
>SMARCA4-V WLVS LYNNN	306	>SMARCA4-V RLVSLYNNNL	465	159
>SMARCA4-V WLVS LYNNN	92	>SMARCA4-V RLVSLYNNNL	104	12
>SMARCA4-V WLVS LYNNN	171	>SMARCA4-V RLVSLYNNNL	214	43
>SMARCA4-V WLVS LYNNN	201	>SMARCA4-V RLVSLYNNNL	372	171
>SMARCA4-V WLVS LYNNN	322	>SMARCA4-V RLVSLYNNNL	3106	2784
>SMARCA4-V WLVS LYNNN	24	>SMARCA4-V RLVSLYNNNL	44	20
>SMARCA4-V WLVS LYNNN	379	>SMARCA4-V RLVSLYNNNL	208	171
>SMARCA4-V EWLVSLYN	354	>SMARCA4-V ERLVSLYN	30769	30415
>SMARCA4-V EWLVSLYNNI	155	>SMARCA4-V ERLVSLYNNN	31639	31484
>SMARCA4-V LKQYQIKGLE'	493	>SMARCA4-V LKQYQIKGLEI	961	468
>SMARCA4-V LKQYQIKGLE'	465	>SMARCA4-V LKQYQIKGLEI	33428	32963
>SMARCA4-V LEWLVS LY	76	>SMARCA4-V LERLVSLY	57	19
>SMARCA4-V LEWLVS LY	89	>SMARCA4-V LERLVSLY	1893	1804
>SMARCA4-V LEWLVS LY	1403	>SMARCA4-V LERLVSLY	382	1021
>SMARCA4-V LEWLVS LY	377	>SMARCA4-V LERLVSLY	649	272
>SMARCA4-V LEWLVS LY	15	>SMARCA4-V LERLVSLY	35	20
>SMARCA4-V LEWLVS LY	174	>SMARCA4-V LERLVSLY	981	807
>SMARCA4-V LEWLVS LY	122	>SMARCA4-V LERLVSLY	449	327
>SMARCA4-V GLEWLVS L	227	>SMARCA4-V GLERLVSL	1508	1281
>SMARCA4-V GLEWLVS L	47	>SMARCA4-V GLERLVSL	82	35
>SMARCA4-V GLEWLVS L	441	>SMARCA4-V GLERLVSL	796	355
>SMARCA4-V GLEWLVS L	23	>SMARCA4-V GLERLVSL	234	211
>SMARCA4-V GLEWLVS L	60	>SMARCA4-V GLERLVSL	71	11
>SMARCA4-V GLEWLVS L	73	>SMARCA4-V GLERLVSL	713	640
>SMARCA4-V GLEWLVS L	4	>SMARCA4-V GLERLVSL	11	7
>SMARCA4-V GLEWLVS LY	68	>SMARCA4-V GLERLVSLY	279	211
>SMARCA4-V GLEWLVS LY	122	>SMARCA4-V GLERLVSLY	651	529
>SMARCA4-V GLEWLVS LY	12	>SMARCA4-V GLERLVSLY	14	2

>SMARCA4-VGLEWLVSLY	53	>SMARCA4-VGLERLVSLY	201	148
>SMARCA4-VKGLEWLVSL	328	>SMARCA4-VKGLERLVSL	3949	3621
>SMARCA4-VKGLEWLVSL	26	>SMARCA4-VKGLERLVSL	128	102
>SMARCA4-VKGLEWLVSL	77	>SMARCA4-VKGLERLVSL	2697	2620
>SMARCA4-VKGLEWLVSL	333	>SMARCA4-VKGLERLVSL	4428	4095
>SMARCA4-VKGLEWLVSLY	234	>SMARCA4-VKGLERLVSLY	400	166
>SMARCA4-VKGLEWLVSL	487	>SMARCA4-VKGLERLVSL	1391	904
>SMARCA4-VKGLEWLVSLY	381	>SMARCA4-VKGLERLVSLY	419	38
>SMARCA4-VKGLEWLVSLY	138	>SMARCA4-VKGLERLVSLY	113	25
>SMARCA4-VIKGLEWLVSL	257	>SMARCA4-VIKGLERLVSL	244	13
>SMARCA4-VIKGLEWLVSL	159	>SMARCA4-VIKGLERLVSLY	99	60
>SMARCA4-VQIKGLEWLV	294	>SMARCA4-VQIKGLERLV	3429	3135
>SMARCA4-VQIKGLEWLV	11	>SMARCA4-VQIKGLERLV	1896	1885
>SMARCA4-VQIKGLEWLV	199	>SMARCA4-VQIKGLERLVSL	1704	1505
>SMARCA4-VYQIKGLEWL	33	>SMARCA4-VYQIKGLERL	64	31
>SMARCA4-VYQIKGLEWLV	28	>SMARCA4-VYQIKGLERLV	539	511
>SMARCA4-VYQIKGLEWL	16	>SMARCA4-VYQIKGLERL	41	25
>SMARCA4-VYQIKGLEWLV	24	>SMARCA4-VYQIKGLERLV	143	119
>SMARCA4-VYQIKGLEWL	34	>SMARCA4-VYQIKGLERL	84	50
>SMARCA4-VYQIKGLEWLV	115	>SMARCA4-VYQIKGLERLV	134	19
>SMARCA4-VYQIKGLEWL	3	>SMARCA4-VYQIKGLERL	5	2
>SMARCA4-VYQIKGLEWLV	23	>SMARCA4-VYQIKGLERLV	104	81
>SMARCA4-VYQIKGLEWLV	85	>SMARCA4-VYQIKGLERLV	425	340
>SMARCA4-VYQIKGLEWL	131	>SMARCA4-VYQIKGLERL	162	31
>SMARCA4-VYQIKGLEWLV	8	>SMARCA4-VYQIKGLERLV	69	61
>SMARCA4-VYQIKGLEWL	308	>SMARCA4-VYQIKGLERL	329	21
>SMARCA4-VYQIKGLEWLV	8	>SMARCA4-VYQIKGLERLV	160	152
>SMARCA4-VYQIKGLEWLV	15	>SMARCA4-VYQIKGLERLV	227	212
>SMARCA4-VYQIKGLEWLV	280	>SMARCA4-VYQIKGLERLV	4567	4287
>SMARCA4-VYQIKGLEWLV	14	>SMARCA4-VYQIKGLERLV	304	290
>SMARCA4-VYQIKGLEWL	66	>SMARCA4-VYQIKGLERL	219	153
>SMARCA4-VYQIKGLEW	106	>SMARCA4-VYQIKGLER	4294	4188
>SMARCA4-VYQIKGLEWL	277	>SMARCA4-VYQIKGLERL	122	155
>SMARCA4-VYQIKGLEW	60	>SMARCA4-VYQIKGLER	193	133
>SMARCA4-VYQIKGLEWL	236	>SMARCA4-VYQIKGLERL	146	90
>SMARCA4-VYQIKGLEWLV	414	>SMARCA4-VYQIKGLERLV	381	33
>SMARCA4-VYQIKGLEW	346	>SMARCA4-VYQIKGLER	26232	25886
>SMARCA4-VYQIKGLEWL	382	>SMARCA4-VYQIKGLERL	214	168
>SMARCA4-VYQIKGLEWLV	279	>SMARCA4-VYQIKGLERLV	2212	1933
>SMARCA4-VYQIKGLEWL	134	>SMARCA4-VYQIKGLERL	488	354
>SMARCA4-VYQIKGLEW	436	>SMARCA4-VYQIKGLER	22290	21854
>SMARCA4-VYQIKGLEWL	1427	>SMARCA4-VYQIKGLERL	291	1136
>SMARCA4-VYQIKGLEW	240	>SMARCA4-VYQIKGLER	32634	32394

>SMARCA4-V QYQIKGLEWI	446	>SMARCA4-V QYQIKGLERL	432	14
>SMARCA4-V QYQIKGLEW	15	>SMARCA4-V QYQIKGLER	1633	1618
>SMARCA4-V QYQIKGLEWI	12	>SMARCA4-V QYQIKGLERL	20	8
>SMARCA4-V QYQIKGLEWI	146	>SMARCA4-V QYQIKGLERL'	1362	1216
>SMARCA4-V QYQIKGLEW	22114	>SMARCA4-V QYQIKGLER	391	21723
>SMARCA4-V QYQIKGLEW	29946	>SMARCA4-V QYQIKGLER	73	29873
>SMARCA4-V QYQIKGLEWI	456	>SMARCA4-V QYQIKGLERL'	944	488
>SMARCA4-V QYQIKGLEWI	255	>SMARCA4-V QYQIKGLERL	3378	3123
>SMARCA4-V KQYQIKGLEW	146	>SMARCA4-V KQYQIKGLER	318	172
>SMARCA4-V KQYQIKGLEW	391	>SMARCA4-V KQYQIKGLER	811	420
>SMARCA4-V KQYQIKGLEW	36	>SMARCA4-V KQYQIKGLER	70	34
>SMARCA4-V KQYQIKGLEW	221	>SMARCA4-V KQYQIKGLER	276	55
>SMARCA4-V KQYQIKGLEW	13897	>SMARCA4-V KQYQIKGLER	22	13875
>SMARCA4-V KQYQIKGLEW	394	>SMARCA4-V KQYQIKGLER	12842	12448
>SMARCA4-V KQYQIKGLEW	159	>SMARCA4-V KQYQIKGLER	409	250
>SMARCA4-V KQYQIKGLEW	355	>SMARCA4-V KQYQIKGLER	265	90
>SMARCA4-V KQYQIKGLEW	121	>SMARCA4-V KQYQIKGLER	21656	21535
>SMARCA4-V KQYQIKGLEW	328	>SMARCA4-V KQYQIKGLER	933	605
>SMARCA4-V KQYQIKGLEW	341	>SMARCA4-V KQYQIKGLER	25804	25463
>SMARCA4-V KQYQIKGLEW	203	>SMARCA4-V KQYQIKGLER	166	37
>SMARCA4-V KQYQIKGLEW	66	>SMARCA4-V KQYQIKGLER	21814	21748
>SMARCA4-V KQYQIKGLEW	117	>SMARCA4-V KQYQIKGLER	154	37
>SMARCA4-V KQYQIKGLEW	63	>SMARCA4-V KQYQIKGLER	156	93
>SMARCA4-V KQYQIKGLEW	18280	>SMARCA4-V KQYQIKGLER	22	18258
>SMARCB1-A AVSISTEPPTY	378	>SMARCB1-A TVSISTEPPTY	442	64
>SMARCB1-A AVSISTEPPTY	450	>SMARCB1-A TVSISTEPPTY	365	85
>SMARCB1-A AVSISTEPPTY	138	>SMARCB1-A TVSISTEPPTY	76	62
>SMARCB1-A AVSISTEPPTY	48	>SMARCB1-A TVSISTEPPTY	77	29
>SMARCB1-A AVSISTEPPTY	278	>SMARCB1-A TVSISTEPPTY	568	290
>SMARCB1-A AVSISTEPPTY	31	>SMARCB1-A TVSISTEPPTY	119	88
>SMARCB1-A AVSISTEPPTY	231	>SMARCB1-A TVSISTEPPTY	72	159
>SMARCB1-A ILDGNDEKYK	27	>SMARCB1-A ILDGNDEKYK	163	136
>SMARCB1-A ILDGNDEKYK	158	>SMARCB1-A ILDGNDEKYK	2107	1949
>SMARCB1-A ILDGNDEKYK	91	>SMARCB1-A ILDGNDEKYK	1324	1233
>SMARCB1-A ILDGNDEKYK	154	>SMARCB1-A ILDGNDEKYK	1318	1164
>SMARCB1-A ILDGNDEKYK	15	>SMARCB1-A ILDGNDEKYK	111	96
>SMARCB1-A YKAVSIST	275	>SMARCB1-A YKTVSIST	662	387
>SMARCB1-A YKAVSISTE	379	>SMARCB1-A YKTVSISTE	917	538
>SMARCB1-A YKAVSISTEP	168	>SMARCB1-A YKTVSISTEP	366	198
>SMARCB1-A YKAVSISTEPP	179	>SMARCB1-A YKTVSISTEPP	380	201
>SMARCB1-A KYKAVSIS	37	>SMARCB1-A KYKTVSIS	50	13
>SMARCB1-A KYKAVSIST	12	>SMARCB1-A KYKTVSIST	15	3
>SMARCB1-A KYKAVSISTE	162	>SMARCB1-A KYKTVSISTE	222	60

>SMARCB1-A KYKAVSISTEP	171	>SMARCB1-A KYKTVSISTEP	228	57
>SMARCB1-A EKYKAVSI	36	>SMARCB1-A EKYKTVSI	22	14
>SMARCB1-A EKYKAVSIS	844	>SMARCB1-A EKYKTVSIS	454	390
>SMARCB1-A DEKYKAVSI	47	>SMARCB1-A DEKYKTVSI	36	11
>SMARCB1-A DEKYKAVSI	1514	>SMARCB1-A DEKYKTVSI	346	1168
>SMARCB1-A NDEKYKAVSI	214	>SMARCB1-A NDEKYKTVSI	190	24
>SMARCB1-A NDEKYKAV	744	>SMARCB1-A NDEKYKTV	409	335
>SMARCB1-A NDEKYKAVSI	205	>SMARCB1-A NDEKYKTVSI	294	89
>SMARCB1-A AFTWNMNEI	233	>SMARCB1-A TFTWNMNEI	288	55
>SMARCB1-A AFTWNMNEI	1284	>SMARCB1-A TFTWNMNEI	72	1212
>SMARCB1-A AFTWNMNEI	359	>SMARCB1-A TFTWNMNEI	414	55
>SMARCB1-A DAFTWNMN	1736	>SMARCB1-A DTFTWNMNI	333	1403
>SMARCB1-A DAFTWNMN	690	>SMARCB1-A DTFTWNMNI	89	601
>SMARCB1-A DAFTWNMN	5948	>SMARCB1-A DTFTWNMNI	257	5691
>SMARCB1-A DAFTWNMN	45	>SMARCB1-A DTFTWNMNI	16	29
>SMARCB1-A DAFTWNMN	66	>SMARCB1-A DTFTWNMNI	12	54
>SMARCB1-A DAFTWNMN	226	>SMARCB1-A DTFTWNMNI	51	175
>SMARCB1-A DAFTWNMN	6723	>SMARCB1-A DTFTWNMNI	383	6340
>SMARCB1-A DAFTWNMN	765	>SMARCB1-A DTFTWNMNI	164	601
>SMARCB1-A MEIDGQKLRI	39	>SMARCB1-A MEIDGQKLRI	240	201
>SMARCB1-A MEIDGQKLRI	416	>SMARCB1-A MEIDGQKLRI	305	111
>SMARCB1-A LRDAFTWNV	235	>SMARCB1-A LRDTFTWNM	309	74
>SMARCB1-A LRDAFTWNV	284	>SMARCB1-A LRDTFTWNM	479	195
>SMARCB1-A KLRDAFTWN	349	>SMARCB1-A KLRDTFTWNI	404	55
>SMARCB1-A KLRDAFTWN	110	>SMARCB1-A KLRDTFTWNI	144	34
>SMARCB1-A KLRDAFTWN	543	>SMARCB1-A KLRDTFTWNI	475	68
>SMARCB1-A KLRDAFTWN	105	>SMARCB1-A KLRDTFTWNI	75	30
>SMARCB1-A KLRDAFTWN	161	>SMARCB1-A KLRDTFTWNI	109	52
>SMARCB1-A KLRDAFTWN	414	>SMARCB1-A KLRDTFTWNI	434	20
>SMARCB1-A KLRDAFTWN	12	>SMARCB1-A KLRDTFTWNI	12	0
>SMARCB1-A KLRDAFTWN	17	>SMARCB1-A KLRDTFTWNI	18	1
>SMARCB1-A KLRDAFTWN	139	>SMARCB1-A KLRDTFTWNI	139	0
>SMARCB1-A KLRDAFTW	109	>SMARCB1-A KLRDTFTW	50	59
>SMARCB1-A KLRDAFTWN	190	>SMARCB1-A KLRDTFTWNI	118	72
>SMARCB1-A KLRDAFTW	39	>SMARCB1-A KLRDTFTW	30	9
>SMARCB1-A KLRDAFTWN	369	>SMARCB1-A KLRDTFTWNI	338	31
>SMARCB1-A KLRDAFTW	79	>SMARCB1-A KLRDTFTW	98	19
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>SMARCB1-A KLRDAFTWN	325	>SMARCB1-A KLRDTFTWNI	465	140
>SMARCB1-A QKLRDAFTW	257	>SMARCB1-A QKLRDTFTW	185	72
>SMARCB1-A QKLRDAFTW	30	>SMARCB1-A QKLRDTFTW	26	4
>SMARCB1-A QKLRDAFTW	141	>SMARCB1-A QKLRDTFTW	52	89
>SMARCB1-A GQKLRDAF	81	>SMARCB1-A GQKLRDTF	118	37

>SMARCB1-A GQKLRDAF	83	>SMARCB1-A GQKLRDTF	121	38
>SMARCB1-A AFSENPLPTV	115	>SMARCB1-A TFSENPLPTV	398	283
>SMARCB1-A AFSENPLPTV	296	>SMARCB1-A TFSENPLPTV	1123	827
>SMARCB1-A AFSENPLPTV	66	>SMARCB1-A TFSENPLPTV	363	297
>SMARCB1-A AFSENPLPTV	375	>SMARCB1-A TFSENPLPTV	701	326
>SMARCB1-A AFSENPLPTV	355	>SMARCB1-A TFSENPLPTV	566	211
>SMARCB1-A YAFSENPL	187	>SMARCB1-A YTFSENPL	63	124
>SMARCB1-A YAFSENPLPT	539	>SMARCB1-A YTFSENPLPT	255	284
>SMARCB1-A YAFSENPLPT\	17	>SMARCB1-A YTFSENPLPT\	11	6
>SMARCB1-A YAFSENPL	38	>SMARCB1-A YTFSENPL	15	23
>SMARCB1-A YAFSENPLPT	254	>SMARCB1-A YTFSENPLPT	93	161
>SMARCB1-A YAFSENPLPT\	110	>SMARCB1-A YTFSENPLPT\	39	71
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>SMARCB1-A YAFSENPLPT	123	>SMARCB1-A YTFSENPLPT	56	67
>SMARCB1-A YAFSENPLPT\	65	>SMARCB1-A YTFSENPLPT\	25	40
>SMARCB1-A YAFSENPL	100	>SMARCB1-A YTFSENPL	59	41
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>SMARCB1-A YAFSENPLPT\	7	>SMARCB1-A YTFSENPLPT\	6	1
>SMARCB1-A YAFSENPL	333	>SMARCB1-A YTFSENPL	71	262
>SMARCB1-A YAFSENPLPT	1306	>SMARCB1-A YTFSENPLPT	374	932
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>SMARCB1-A YAFSENPL	2243	>SMARCB1-A YTFSENPL	370	1873
>SMARCB1-A YAFSENPLPT\	57	>SMARCB1-A YTFSENPLPT\	14	43
>SMARCB1-A YAFSENPL	1825	>SMARCB1-A YTFSENPL	418	1407
>SMARCB1-A YAFSENPLPT\	12	>SMARCB1-A YTFSENPLPT\	7	5
>SMARCB1-A YAFSENPLPT\	84	>SMARCB1-A YTFSENPLPT\	56	28
>SMARCB1-A YAFSENPL	556	>SMARCB1-A YTFSENPL	399	157
>SMARCB1-A YAFSENPLPT\	6	>SMARCB1-A YTFSENPLPT\	5	1
>SMARCB1-A YAFSENPL	6261	>SMARCB1-A YTFSENPL	290	5971
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>SMARCB1-A YAFSENPLPT\	461	>SMARCB1-A YTFSENPLPT\	50	411
>SMARCB1-A YAFSENPL	302	>SMARCB1-A YTFSENPL	53	249
>SMARCB1-A YAFSENPLPT	1377	>SMARCB1-A YTFSENPLPT	218	1159
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>SMARCB1-A YAFSENPLPT\	77	>SMARCB1-A YTFSENPLPT\	141	64
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>SMARCB1-A YAFSENPLPT\	384	>SMARCB1-A YTFSENPLPT\	51	333
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>SMARCB1-A YAFSENPLPT\	758	>SMARCB1-A YTFSENPLPT\	82	676
>SMARCB1-A YAFSENPLPT\	210	>SMARCB1-A YTFSENPLPT\	11	199
>SMARCB1-A YAFSENPL	1099	>SMARCB1-A YTFSENPL	238	861

>SMARCB1-A YAFSENPLPT\	1053	>SMARCB1-A YTFSENPLPT\	235	818
>SMARCB1-A GQLSWHQKT	80	>SMARCB1-A GQLSWHQKT	672	592
>SMARCB1-A GQLSWHQKT	317	>SMARCB1-A GQLSWHQKT	1528	1211
>SMARCB1-A TYAFSENPL	7	>SMARCB1-A TYTFSENPL	11	4
>SMARCB1-A TYAFSENPL	156	>SMARCB1-A TYTFSENPL	235	79
>SMARCB1-A KTYAFSENPL	23	>SMARCB1-A KTYTFSENPL	28	5
>SMARCB1-A KTYAFSENPL	126	>SMARCB1-A KTYTFSENPL	204	78
>SMARCB1-A KTYAFSENPL	313	>SMARCB1-A KTYTFSENPL	274	39
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>SMARCB1-A KTYAFSENPL	374	>SMARCB1-A KTYTFSENPL	766	392
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>SMARCB1-A KTYAFSENPL	4	>SMARCB1-A KTYTFSENPL	5	1
>SMARCB1-A KTYAFSENPL	220	>SMARCB1-A KTYTFSENPL	408	188
>SMARCB1-A KTYAFSENPL	121	>SMARCB1-A KTYTFSENPL	313	192
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>SMARCB1-A QKTYAFSENP	24	>SMARCB1-A QKTYTFSENP	16	8
>SMARCB1-A HQKTYAFS	285	>SMARCB1-A HQKTYTFS	685	400
>SMARCB1-A WHQKTYAF	231	>SMARCB1-A WHQKTYTF	107	124
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>SMARCB1-A SWHQKTYAF	210	>SMARCB1-A SWHQKTYTF	62	148
>SMARCB1-A SWHQKTYAF	497	>SMARCB1-A SWHQKTYTF	56	441
>SMARCB1-A SWHQKTYAF	7	>SMARCB1-A SWHQKTYTF	6	1
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>SMARCB1-A SWHQKTYA	91	>SMARCB1-A SWHQKTYT	217	126
>SMARCB1-A SWHQKTYAF	95	>SMARCB1-A SWHQKTYTF	182	87
>SMARCB1-A SWHQKTYAF	308	>SMARCB1-A SWHQKTYTF!	349	41
>SMARCB1-A LSWHQKTYA	89	>SMARCB1-A LSWHQKTYTI	55	34
>SMARCB1-A LSWHQKTYA	133	>SMARCB1-A LSWHQKTYTI	214	81
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>SMARCB1-A LSWHQKTYA	5	>SMARCB1-A LSWHQKTYTI	4	1
>SMARCB1-A LSWHQKTYA	399	>SMARCB1-A LSWHQKTYTI	76	323
>SMARCB1-A LSWHQKTYA	121	>SMARCB1-A LSWHQKTYTI	42	79
>SMARCB1-A QLSWHQKTY	384	>SMARCB1-A QLSWHQKTY	1244	860
>SMARCB1-A QLSWHQKTY	315	>SMARCB1-A QLSWHQKTY	842	527
>SMARCB1-A QLSWHQKTY	266	>SMARCB1-A QLSWHQKTY	1566	1300
>SMARCB1-A QLSWHQKTY	36	>SMARCB1-A QLSWHQKTY	381	345

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>SMARCB1-A QLSWHQKTY	366	>SMARCB1-A QLSWHQKTY	558	192
>SMARCB1-A QLSWHQKTY	261	>SMARCB1-A QLSWHQKTY	433	172
>SMARCB1-A QLSWHQKTY	143	>SMARCB1-A QLSWHQKTY	255	112
>SMARCB1-A QLSWHQKTY	166	>SMARCB1-A QLSWHQKTY	322	156
>SMARCB1-N INRNRMGRD	195	>SMARCB1-N IDRNRMGRD	2527	2332
>SMARCB1-N INRNRMGRD	220	>SMARCB1-N IDRNRMGRD	2371	2151
>SMARCB1-N TINRNRMGR	303	>SMARCB1-N TIDRNRMGR	1946	1643
>SMARCB1-N TINRNRMGR	238	>SMARCB1-N TIDRNRMGR	909	671
>SMARCB1-N TINRNRMGR	162	>SMARCB1-N TIDRNRMGR	482	320
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>SMARCB1-N TINRNRMGR	23	>SMARCB1-N TIDRNRMGR	107	84
>SMARCB1-N TINRNRMGR	324	>SMARCB1-N TIDRNRMGR	735	411
>SMARCB1-N TTINRNRMGI	477	>SMARCB1-N TTIDRNRMGI	660	183
>SMARCB1-N TTINRNRMGI	72	>SMARCB1-N TTIDRNRMGI	73	1
>SMARCB1-N TTINRNRM	69	>SMARCB1-N TTIDRNRM	41	28
>SMARCB1-N TTINRNRM	21	>SMARCB1-N TTIDRNRM	14	7
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>SMARCB1-N TTINRNRMGI	21	>SMARCB1-N TTIDRNRMGI	26	5
>SMARCB1-N TTINRNRMGI	556	>SMARCB1-N TTIDRNRMGI	359	197
>SMARCB1-N TTINRNRMGI	10	>SMARCB1-N TTIDRNRMGI	8	2
>SMARCB1-N TTINRNRM	389	>SMARCB1-N TTIDRNRM	186	203
>SMARCB1-N TTINRNRM	85	>SMARCB1-N TTIDRNRM	54	31
>SMARCB1-N TTINRNRM	144	>SMARCB1-N TTIDRNRM	183	39
>SMARCB1-N STTINRNRMC	338	>SMARCB1-N STTIDRNRMC	499	161
>SMARCB1-N STTINRNR	68	>SMARCB1-N STTIDRNR	176	108
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>SMARCB1-N STTINRNR	15	>SMARCB1-N STTIDRNR	25	10
>SMARCB1-N STTINRNRMC	9	>SMARCB1-N STTIDRNRMC	13	4
>SMARCB1-N STTINRNRM	165	>SMARCB1-N STTIDRNRM	707	542
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>SMARCB1-N STTINRNRM	49	>SMARCB1-N STTIDRNRM	32	17
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>SMARCB1-N CSTTINRNR	380	>SMARCB1-N CSTTIDRNR	828	448
>SMARCB1-N CSTTINRNR	46	>SMARCB1-N CSTTIDRNR	61	15
>SMARCB1-N CSTTINRNRM	176	>SMARCB1-N CSTTIDRNRM	268	92
>SMARCB1-N PCSTTINR	388	>SMARCB1-N PCSTTIDR	1237	849
>SMARCB1-N VPCSTTINR	332	>SMARCB1-N VPCSTTIDR	1056	724
>SMARCB1-N AVPCSTTINR	74	>SMARCB1-N AVPCSTTIDR	141	67
>SMARCB1-N AVPCSTTINR	140	>SMARCB1-N AVPCSTTIDR	420	280
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>SMARCB1-N DAVPCSTTIN	55	>SMARCB1-N DAVPCSTTIDR	133	78
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>SMARCB1-P PPTYLREQK	11878	>SMARCB1-P TPTYLREQK	227	11651
>SMARCB1-P PPTYLREQKA	1119	>SMARCB1-P TPTYLREQKA	48	1071
>SMARCB1-P EPPTYLREQK	21633	>SMARCB1-P ETPTYLREQK	438	21195
>SMARCB1-P EPPTYLREQ	13243	>SMARCB1-P ETPTYLREQ	127	13116
>SMARCB1-P EPPTYLREQK	4130	>SMARCB1-P ETPTYLREQK	38	4092
>SMARCB1-P EPPTYLREQK	16267	>SMARCB1-P ETPTYLREQK	371	15896
>SMARCB1-P KYKAVSISTEP	2735	>SMARCB1-P KYKAVSISTET	228	2507
>SMARCB1-P KYKAVSISTEP	171	>SMARCB1-P KYKAVSISTET	106	65
>SMARCB1-P TEPPTYLR	1824	>SMARCB1-P TETPTYLR	424	1400
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>SMARCB1-P STEPPTYLR	455	>SMARCB1-P STETPTYLR	595	140
>SMARCB1-P STEPPTYLR	22	>SMARCB1-P STETPTYLR	11	11
>SMARCB1-P STEPPTYL	149	>SMARCB1-P STETPTYL	321	172
>SMARCB1-P STEPPTYL	39	>SMARCB1-P STETPTYL	217	178
>SMARCB1-P STEPPTYLR	155	>SMARCB1-P STETPTYLR	242	87
>SMARCB1-P STEPPTYLR	104	>SMARCB1-P STETPTYLR	127	23
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>SMARCB1-P ISTEPPTYLR	133	>SMARCB1-P ISTETPTYLR	129	4
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>SMARCB1-P ISTEPPTY	110	>SMARCB1-P ISTETPTY	57	53
>SMARCB1-P ISTEPPTYLR	267	>SMARCB1-P ISTETPTYLR	445	178
>SMARCB1-P ISTEPPTYLR	14	>SMARCB1-P ISTETPTYLR	19	5
>SMARCB1-P ISTEPPTY	159	>SMARCB1-P ISTETPTY	101	58
>SMARCB1-P ISTEPPTYL	727	>SMARCB1-P ISTETPTYL	345	382
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>SMARCB1-P ISTEPPTYL	18	>SMARCB1-P ISTETPTYL	27	9
>SMARCB1-P ISTEPPTY	203	>SMARCB1-P ISTETPTY	114	89
>SMARCB1-P ISTEPPTY	414	>SMARCB1-P ISTETPTY	410	4
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>SMARCB1-P ISTEPPTYL	218	>SMARCB1-P ISTETPTYL	49	169
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>SMARCB1-P ISTEPPTYL	183	>SMARCB1-P ISTETPTYL	212	29
>SMARCB1-P ISTEPPTYLR	339	>SMARCB1-P ISTETPTYLR	252	87
>SMARCB1-P SISTEPPTYL	237	>SMARCB1-P SISTETPTYL	197	40
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>SMARCB1-P SISTEPPTYL	34	>SMARCB1-P SISTETPTYL	29	5
>SMARCB1-P SISTEPPTYL	516	>SMARCB1-P SISTETPTYL	264	252
>SMARCB1-P SISTEPPTYL	136	>SMARCB1-P SISTETPTYL	203	67
>SMARCB1-P SISTEPPTYL	262	>SMARCB1-P SISTETPTYL	152	110
>SMARCB1-P SISTEPPTYL	139	>SMARCB1-P SISTETPTYL	80	59



>SMARCB1-P SISTEPPTYLR	72	>SMARCB1-P SISTETPTYLR	54	18
>SMARCB1-P SISTEPPTY	404	>SMARCB1-P SISTETPTY	104	300
>SMARCB1-P SISTEPPTY	102	>SMARCB1-P SISTETPTY	107	5
>SMARCB1-P SISTEPPTY	32	>SMARCB1-P SISTETPTY	20	12
>SMARCB1-P SISTEPPTYLR	199	>SMARCB1-P SISTETPTYLR	145	54
>SMARCB1-P SISTEPPTYLR	45	>SMARCB1-P SISTETPTYLR	23	22
>SMARCB1-P SISTEPPTY	820	>SMARCB1-P SISTETPTY	182	638
>SMARCB1-P SISTEPPTY	1418	>SMARCB1-P SISTETPTY	275	1143
>SMARCB1-P SISTEPPTY	498	>SMARCB1-P SISTETPTY	171	327
>SMARCB1-P SISTEPPTYL	225	>SMARCB1-P SISTETPTYL	312	87
>SMARCB1-P SISTEPPTY	12340	>SMARCB1-P SISTETPTY	304	12036
>SMARCB1-P SISTEPPTY	478	>SMARCB1-P SISTETPTY	603	125
>SMARCB1-P SISTEPPTYLR	60	>SMARCB1-P SISTETPTYLR	46	14
>SMARCB1-P VSISTEPPTYL	991	>SMARCB1-P VSISTETPTYL	493	498
>SMARCB1-P VSISTEPPTYL	433	>SMARCB1-P VSISTETPTYL	382	51
>SMARCB1-P VSISTEPPTY	96	>SMARCB1-P VSISTETPTY	100	4
>SMARCB1-P VSISTEPPTY	251	>SMARCB1-P VSISTETPTY	188	63
>SMARCB1-P VSISTEPPTY	38	>SMARCB1-P VSISTETPTY	38	0
>SMARCB1-P VSISTEPPTY	294	>SMARCB1-P VSISTETPTY	230	64
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>SMARCB1-P VSISTEPPTY	243	>SMARCB1-P VSISTETPTY	113	130
>SMARCB1-P VSISTEPPTY	32	>SMARCB1-P VSISTETPTY	26	6
>SMARCB1-P VSISTEPPTYL	193	>SMARCB1-P VSISTETPTYL	133	60
>SMARCB1-P VSISTEPPTY	5	>SMARCB1-P VSISTETPTY	5	0
>SMARCB1-P VSISTEPPTYL	27	>SMARCB1-P VSISTETPTYL	33	6
>SMARCB1-P VSISTEPPTY	39	>SMARCB1-P VSISTETPTY	42	3
>SMARCB1-P VSISTEPPTYL	102	>SMARCB1-P VSISTETPTYL	71	31
>SMARCB1-P VSISTEPPTYL	264	>SMARCB1-P VSISTETPTYL	442	178
>SMARCB1-P VSISTEPPTY	52	>SMARCB1-P VSISTETPTY	87	35
>SMARCB1-P VSISTEPPTYL	264	>SMARCB1-P VSISTETPTYL	149	115
>SMARCB1-P AVSISTEPPTY	378	>SMARCB1-P AVSISTETPTY	335	43
>SMARCB1-P AVSISTEPPTY	450	>SMARCB1-P AVSISTETPTY	280	170
>SMARCB1-P AVSISTEPPTY	138	>SMARCB1-P AVSISTETPTY	157	19
>SMARCB1-P AVSISTEPPTY	48	>SMARCB1-P AVSISTETPTY	33	15
>SMARCB1-P AVSISTEPPTY	830	>SMARCB1-P AVSISTETPTY	470	360
>SMARCB1-P AVSISTEPPTY	278	>SMARCB1-P AVSISTETPTY	144	134
>SMARCB1-P AVSISTEPPTY	31	>SMARCB1-P AVSISTETPTY	26	5
>SMARCB1-P AVSISTEPPTY	231	>SMARCB1-P AVSISTETPTY	157	74
>SMARCB1-P AVSISTEPPTY	1137	>SMARCB1-P AVSISTETPTY	156	981
>SMARCB1-P YKAVSISTEP	168	>SMARCB1-P YKAVSISTET	175	7
>SMARCB1-P YKAVSISTEP	179	>SMARCB1-P YKAVSISTET	223	44
>SMARCB1-P DPAVIHENA	2482	>SMARCB1-P DSAVIHENA	53	2429
>SMARCB1-P DDHDAVI	531	>SMARCB1-P DDHDSA VI	301	230

>SMARCB1-P DDHDP AVI	673	>SMARCB1-P DDHDS AVI	227	446
>SMARCB1-P FDDHDP AVI	938	>SMARCB1-P FDDHDS AVI	436	502
>SMARCB1-P FDDHDP AV	523	>SMARCB1-P FDDHDS AV	323	200
>SMARCB1-P FDDHDP AVI	93	>SMARCB1-P FDDHDS AVI	69	24
>SMARCB1-P LCFDDHDP A\	441	>SMARCB1-P LCFDDHDS A\	203	238
>SMARCB1-P LCFDDHDP A\	71	>SMARCB1-P LCFDDHDS A\	122	51
>SMARCB1-P LCFDDHDP A\	54	>SMARCB1-P LCFDDHDS A\	64	10
>SMARCB1-P LCFDDHDP A\	124	>SMARCB1-P LCFDDHDS A\	97	27
>SMARCB1-P PLCFDDHDP A\	120	>SMARCB1-P PLCFDDHDS A\	180	60
>SMARCB1-P PLCFDDHDP A\	365	>SMARCB1-P PLCFDDHDS A\	1158	793
>SMARCB1-P PLCFDDHDP A\	25	>SMARCB1-P PLCFDDHDS A\	32	7
>SMARCB1-P FPLCFDDHDF	34	>SMARCB1-P FPLCFDDHDS	76	42
>SMARCB1-P FPLCFDDHDF	127	>SMARCB1-P FPLCFDDHDS	67	60
>SMARCB1-P FPLCFDDHDF	5	>SMARCB1-P FPLCFDDHDS	7	2
>SMARCB1-P PEVLVPIRLD N	4339	>SMARCB1-P LEVLVPIRLD N	480	3859
>SMARCB1-P PEVLVPIRLD N	3504	>SMARCB1-P LEVLVPIRLD N	202	3302
>SMARCB1-P PEVLVPIRL	796	>SMARCB1-P LEVLVPIRL	39	757
>SMARCB1-P PEVLVPIRLD N	3286	>SMARCB1-P LEVLVPIRLD N	225	3061
>SMARCB1-P PEVLVPIRL	369	>SMARCB1-P LEVLVPIRL	33	336
>SMARCB1-P PEVLVPIRLD N	1898	>SMARCB1-P LEVLVPIRLD N	143	1755
>SMARCB1-P QPEVLVPI	28890	>SMARCB1-P QLEVLVPI	346	28544
>SMARCB1-P QPEVLVPIRL	34882	>SMARCB1-P QLEVLVPIRL	171	34711
>SMARCB1-P QPEVLVPI	19624	>SMARCB1-P QLEVLVPI	420	19204
>SMARCB1-P SQPEVLVPI	212	>SMARCB1-P SQLEVLVPI	85	127
>SMARCB1-P SQPEVLVPI	59	>SMARCB1-P SQLEVLVPI	15	44
>SMARCB1-P SQPEVLVPIRL	342	>SMARCB1-P SQLEVLVPIRL	61	281
>SMARCB1-P SQPEVLVPI	238	>SMARCB1-P SQLEVLVPI	186	52
>SMARCB1-P SQPEVLVPI	61	>SMARCB1-P SQLEVLVPI	112	51
>SMARCB1-P SQPEVLVPI	4	>SMARCB1-P SQLEVLVPI	3	1
>SMARCB1-P SQPEVLVPIRL	50	>SMARCB1-P SQLEVLVPIRL	16	34
>SMARCB1-P SQPEVLVPI	43	>SMARCB1-P SQLEVLVPI	8	35
>SMARCB1-P SQPEVLVPIRL	89	>SMARCB1-P SQLEVLVPIRL	14	75
>SMARCB1-P SQPEVLVPI	219	>SMARCB1-P SQLEVLVPI	12	207
>SMARCB1-P SQPEVLVPIRL	2484	>SMARCB1-P SQLEVLVPIRL	123	2361
>SMARCB1-P SQPEVLVPI	134	>SMARCB1-P SQLEVLVPI	19	115
>SMARCB1-P SQPEVLVPIRL	473	>SMARCB1-P SQLEVLVPIRL	41	432
>SMARCB1-P SQPEVLVPI	132	>SMARCB1-P SQLEVLVPI	38	94
>SMARCB1-P SQPEVLVPI	7663	>SMARCB1-P SQLEVLVPI	318	7345
>SMARCB1-P SQPEVLVPI	1015	>SMARCB1-P SQLEVLVPI	78	937
>SMARCB1-P SQPEVLVPIRL	3729	>SMARCB1-P SQLEVLVPIRL	439	3290
>SMARCB1-P SQPEVLVPI	3737	>SMARCB1-P SQLEVLVPI	140	3597
>SMARCB1-P SQPEVLVPIRL	1399	>SMARCB1-P SQLEVLVPIRL	64	1335
>SMARCB1-P SQPEVLVPI	507	>SMARCB1-P SQLEVLVPI	187	320

>SMARCB1-P SQPEVLVPIRL	966	>SMARCB1-P SQLEVLVPIRL	362	604
>SMARCB1-P SQPEVLVPI	1162	>SMARCB1-P SQLEVLVPI	225	937
>SMARCB1-P SQPEVLVPIR	844	>SMARCB1-P SQLEVLVPIR	460	384
>SMARCB1-P ASQPEVLVPII	479	>SMARCB1-P ASQLEVLVPIF	797	318
>SMARCB1-P ASQPEVLVPII	376	>SMARCB1-P ASQLEVLVPIF	785	409
>SMARCB1-P ASQPEVLVPI	190	>SMARCB1-P ASQLEVLVPI	164	26
>SMARCB1-P ASQPEVLVPI	104	>SMARCB1-P ASQLEVLVPI	274	170
>SMARCB1-P ASQPEVLVPII	143	>SMARCB1-P ASQLEVLVPIF	337	194
>SMARCB1-P NASQPEVLV	71	>SMARCB1-P NASQLEVLV	118	47
>SMARCB1-P NASQPEVLVF	49	>SMARCB1-P NASQLEVLVP	70	21
>SMARCB1-P NASQPELVF	368	>SMARCB1-P NASQLEVLVP	597	229
>SMARCB1-P ENASQPEV	177	>SMARCB1-P ENASQLEV	92	85
>SMARCB1-P HENASQPEV	218	>SMARCB1-P HENASQLEV	149	69
>SMARCB1-P HENASQPEVI	392	>SMARCB1-P HENASQLEVL	114	278
>SMARCB1-P HENASQPEVI	86	>SMARCB1-P HENASQLEVL	183	97
>SMARCB1-P HENASQPEV	250	>SMARCB1-P HENASQLEV	132	118
>SMARCB1-P HENASQPEVI	163	>SMARCB1-P HENASQLEVL	107	56
>SMARCB1-P HENASQPEV	24	>SMARCB1-P HENASQLEV	18	6
>SMARCB1-P HENASQPEVI	170	>SMARCB1-P HENASQLEVL	147	23
>SMARCB1-P HENASQPEVI	163	>SMARCB1-P HENASQLEVL	64	99
>SMARCB1-P HENASQPEV	228	>SMARCB1-P HENASQLEV	277	49
>SMARCB1-P HENASQPEV	22	>SMARCB1-P HENASQLEV	41	19
>SMARCB1-P HENASQPEVI	95	>SMARCB1-P HENASQLEVL	95	0
>SMARCB1-P HENASQPEV	42	>SMARCB1-P HENASQLEV	131	89
>SMARCB1-P HENASQPEVI	469	>SMARCB1-P HENASQLEVL	600	131
>SMARCB1-P HENASQPEVI	56	>SMARCB1-P HENASQLEVL	58	2
>SMARCB1-P IHENASQPEV	144	>SMARCB1-P IHENASQLEV	456	312
>SMARCB1-P VIHENASQPE	364	>SMARCB1-P VIHENASQLE	464	100
>SMARCB1-P VIHENASQP	14073	>SMARCB1-P VIHENASQL	182	13891
>SMARCB1-P VIHENASQPE	38	>SMARCB1-P VIHENASQLE	31	7
>SMARCB1-P VIHENASQPE	96	>SMARCB1-P VIHENASQLE	130	34
>SMARCB1-P VIHENASQP	12926	>SMARCB1-P VIHENASQL	33	12893
>SMARCB1-P VIHENASQPE	5	>SMARCB1-P VIHENASQLE	6	1
>SMARCB1-P VIHENASQPE	106	>SMARCB1-P VIHENASQLE	127	21
>SMARCB1-P VIHENASQPE	24	>SMARCB1-P VIHENASQLE	46	22
>SMARCB1-P VIHENASQPE	84	>SMARCB1-P VIHENASQLE	267	183
>SMARCB1-P VIHENASQP	20891	>SMARCB1-P VIHENASQL	12	20879
>SMARCB1-P VIHENASQPE	3	>SMARCB1-P VIHENASQLE	3	0
>SMARCB1-P VIHENASQP	23272	>SMARCB1-P VIHENASQL	232	23040
>SMARCB1-P AVIHENASQF	31437	>SMARCB1-P AVIHENASQL	466	30971
>SMARCB1-P AVIHENASQF	11142	>SMARCB1-P AVIHENASQL	55	11087
>SMARCB1-P AVIHENASQF	17422	>SMARCB1-P AVIHENASQL	103	17319
>SMARCB1-P VPIRLDMEI	41	>SMARCB1-P VLIRLDMEI	28235	28194

>SMARCB1-P VPIRLDMEI	23468	>SMARCB1-P VLIRLDMEI	116	23352
>SMARCB1-P VPIRLDMEI	29537	>SMARCB1-P VLIRLDMEI	219	29318
>SMARCB1-P VPIRLDMEI	20818	>SMARCB1-P VLIRLDMEI	112	20706
>SMARCB1-P VPIRLDMEI	16563	>SMARCB1-P VLIRLDMEI	438	16125
>SMARCB1-P VPIRLDMEI	25028	>SMARCB1-P VLIRLDMEI	43	24985
>SMARCB1-P VPIRLDMEI	22137	>SMARCB1-P VLIRLDMEI	32	22105
>SMARCB1-P VPIRLDMEI	24510	>SMARCB1-P VLIRLDMEI	57	24453
>SMARCB1-P VPIRLDMEI	32956	>SMARCB1-P VLIRLDMEI	12	32944
>SMARCB1-P VPIRLDMEI	101	>SMARCB1-P VLIRLDMEI	23093	22992
>SMARCB1-P VPIRLDMEI	369	>SMARCB1-P VLIRLDMEI	25166	24797
>SMARCB1-P LVPIRLDMEI	1088	>SMARCB1-P LVLIRLDMEI	449	639
>SMARCB1-P LVPIRLDMEI	245	>SMARCB1-P LVLIRLDMEI	86	159
>SMARCB1-P VLVPIRLDMEI	366	>SMARCB1-P VLVLIRLDMEI	1072	706
>SMARCB1-P VLVPIRLDMEI	157	>SMARCB1-P VLVLIRLDMEI	549	392
>SMARCB1-P VLVPIRLDMEI	103	>SMARCB1-P VLVLIRLDMEI	354	251
>SMARCB1-P VLVPIRLDMEI	260	>SMARCB1-P VLVLIRLDMEI	1350	1090
>SMARCB1-P VLVPIRLDMEI	82	>SMARCB1-P VLVLIRLDMEI	391	309
>SMARCB1-P VLVPIRLDMEI	283	>SMARCB1-P VLVLIRLDMEI	892	609
>SMARCB1-P VLVPIRLDMEI	106	>SMARCB1-P VLVLIRLDMEI	432	326
>SMARCB1-P VLVPIRLDM	105	>SMARCB1-P VLVLIRLDM	1609	1504
>SMARCB1-P VLVPIRLDMEI	8	>SMARCB1-P VLVLIRLDMEI	42	34
>SMARCB1-P EVLVPIRL	189	>SMARCB1-P EVLVLIRL	139	50
>SMARCB1-P EVLVPIRLDM	96	>SMARCB1-P EVLVLIRLDM	267	171
>SMARCB1-P EVLVPIRLDM	191	>SMARCB1-P EVLVLIRLDM	371	180
>SMARCB1-P EVLVPIRL	175	>SMARCB1-P EVLVLIRL	230	55
>SMARCB1-P EVLVPIRL	26	>SMARCB1-P EVLVLIRL	34	8
>SMARCB1-P EVLVPIRLDM	213	>SMARCB1-P EVLVLIRLDM	519	306
>SMARCB1-P PEVLVPIRL	796	>SMARCB1-P PEVLVLIRL	308	488
>SMARCB1-P PEVLVPIRL	369	>SMARCB1-P PEVLVLIRL	60	309
>SMARCB1-P SQPEVLVPI	537	>SMARCB1-P SQPEVLVLI	262	275
>SMARCB1-P SQPEVLVPI	212	>SMARCB1-P SQPEVLVLI	73	139
>SMARCB1-P SQPEVLVPI	59	>SMARCB1-P SQPEVLVLI	115	56
>SMARCB1-P SQPEVLVPIRL	342	>SMARCB1-P SQPEVLVLIRL	234	108
>SMARCB1-P SQPEVLVPI	238	>SMARCB1-P SQPEVLVLI	216	22
>SMARCB1-P SQPEVLVPIRL	936	>SMARCB1-P SQPEVLVLIRL	451	485
>SMARCB1-P SQPEVLVPI	61	>SMARCB1-P SQPEVLVLI	145	84
>SMARCB1-P SQPEVLVP	3033	>SMARCB1-P SQPEVLVL	25	3008
>SMARCB1-P SQPEVLVPI	4	>SMARCB1-P SQPEVLVLI	6	2
>SMARCB1-P SQPEVLVPIRL	50	>SMARCB1-P SQPEVLVLIRL	14	36
>SMARCB1-P SQPEVLVP	17314	>SMARCB1-P SQPEVLVL	258	17056
>SMARCB1-P SQPEVLVPI	43	>SMARCB1-P SQPEVLVLI	71	28
>SMARCB1-P SQPEVLVPIRL	89	>SMARCB1-P SQPEVLVLIRL	98	9
>SMARCB1-P SQPEVLVPI	219	>SMARCB1-P SQPEVLVLI	1354	1135

>SMARCB1-P SQPEVLVPI	134	>SMARCB1-P SQPEVLVLI	175	41
>SMARCB1-P SQPEVLVPIRI	473	>SMARCB1-P SQPEVLVLIRL	392	81
>SMARCB1-P SQPEVLVPI	132	>SMARCB1-P SQPEVLVLI	959	827
>SMARCB1-P SQPEVLVLP	22266	>SMARCB1-P SQPEVLVL	298	21968
>SMARCB1-P SQPEVLVPI	2635	>SMARCB1-P SQPEVLVLI	248	2387
>SMARCB1-P ASQPEVLVPII	479	>SMARCB1-P ASQPEVLVLIF	200	279
>SMARCB1-P ASQPEVLVPII	376	>SMARCB1-P ASQPEVLVLIF	548	172
>SMARCB1-P ASQPEVLVPI	190	>SMARCB1-P ASQPEVLVLI	940	750
>SMARCB1-P ASQPEVLVLP	10806	>SMARCB1-P ASQPEVLVL	21	10785
>SMARCB1-P ASQPEVLVPI	104	>SMARCB1-P ASQPEVLVLI	260	156
>SMARCB1-P ASQPEVLVPI	1840	>SMARCB1-P ASQPEVLVLI	467	1373
>SMARCB1-P ASQPEVLVPI	2057	>SMARCB1-P ASQPEVLVLI	468	1589
>SMARCB1-P ASQPEVLVPII	143	>SMARCB1-P ASQPEVLVLIF	119	24
>SMARCB1-P ASQPEVLVLP	22523	>SMARCB1-P ASQPEVLVL	194	22329
>SMARCB1-P ASQPEVLVPI	1547	>SMARCB1-P ASQPEVLVLI	418	1129
>SMARCB1-P NASQPEVLVLF	49	>SMARCB1-P NASQPEVLVL	129	80
>SMARCB1-P NASQPEVLVLF	368	>SMARCB1-P NASQPEVLVL	1469	1101
>SMARCB1-P PIRLDMEI	3256	>SMARCB1-P SIRLDMEI	238	3018
>SMARCB1-P VPIRLDMEI	41	>SMARCB1-P VSIRLDMEI	21816	21775
>SMARCB1-P VPIRLDMEI	23304	>SMARCB1-P VSIRLDMEI	398	22906
>SMARCB1-P VPIRLDMEI	101	>SMARCB1-P VSIRLDMEI	11253	11152
>SMARCB1-P VPIRLDMEI	16322	>SMARCB1-P VSIRLDMEI	36	16286
>SMARCB1-P VPIRLDMEI	369	>SMARCB1-P VSIRLDMEI	20044	19675
>SMARCB1-P LVPIRLDMEI	1088	>SMARCB1-P LVSIRLDMEI	348	740
>SMARCB1-P LVPIRLDMEI	245	>SMARCB1-P LVSIRLDMEI	273	28
>SMARCB1-P LVPIRLDMEI	564	>SMARCB1-P LVSIRLDMEI	428	136
>SMARCB1-P VLVPIRLDME	366	>SMARCB1-P VLVSIRLDME	336	30
>SMARCB1-P VLVPIRLDME	157	>SMARCB1-P VLVSIRLDME	131	26
>SMARCB1-P VLVPIRLDME	103	>SMARCB1-P VLVSIRLDME	102	1
>SMARCB1-P VLVPIRLDME	260	>SMARCB1-P VLVSIRLDME	619	359
>SMARCB1-P VLVPIRLDME	82	>SMARCB1-P VLVSIRLDME	92	10
>SMARCB1-P VLVPIRLDME	283	>SMARCB1-P VLVSIRLDME	421	138
>SMARCB1-P VLVPIRLDME	106	>SMARCB1-P VLVSIRLDME	145	39
>SMARCB1-P VLVPIRLDM	105	>SMARCB1-P VLVSIRLDM	345	240
>SMARCB1-P VLVPIRLDME	8	>SMARCB1-P VLVSIRLDME	13	5
>SMARCB1-P EVLVPIRL	189	>SMARCB1-P EVLVSIRL	386	197
>SMARCB1-P EVLVPIRLDM	96	>SMARCB1-P EVLVSIRLDM	137	41
>SMARCB1-P EVLVPIRLDM	191	>SMARCB1-P EVLVSIRLDM	254	63
>SMARCB1-P EVLVPIRL	175	>SMARCB1-P EVLVSIRL	264	89
>SMARCB1-P EVLVPIRL	26	>SMARCB1-P EVLVSIRL	38	12
>SMARCB1-P EVLVPIRLDM	213	>SMARCB1-P EVLVSIRLDM	475	262
>SMARCB1-P PEVLVPIRL	796	>SMARCB1-P PEVLVSIRL	310	486
>SMARCB1-P PEVLVPIRL	369	>SMARCB1-P PEVLVSIRL	280	89

>SMARCB1-P QPEVLVPI	537	>SMARCB1-P QPEVLVSI	262	275
>SMARCB1-P SQPEVLVPI	212	>SMARCB1-P SQPEVLVSI	161	51
>SMARCB1-P SQPEVLVPI	59	>SMARCB1-P SQPEVLVSI	127	68
>SMARCB1-P SQPEVLVPIRI	342	>SMARCB1-P SQPEVLVSIRL	376	34
>SMARCB1-P SQPEVLVPI	238	>SMARCB1-P SQPEVLVSI	310	72
>SMARCB1-P SQPEVLVPI	61	>SMARCB1-P SQPEVLVSI	89	28
>SMARCB1-P SQPEVLVPI	4	>SMARCB1-P SQPEVLVSI	4	0
>SMARCB1-P SQPEVLVPIRI	50	>SMARCB1-P SQPEVLVSIRL	21	29
>SMARCB1-P SQPEVLVPI	43	>SMARCB1-P SQPEVLVSI	43	0
>SMARCB1-P SQPEVLVPIRI	89	>SMARCB1-P SQPEVLVSIRL	128	39
>SMARCB1-P SQPEVLVPI	219	>SMARCB1-P SQPEVLVSI	518	299
>SMARCB1-P SQPEVLVPI	134	>SMARCB1-P SQPEVLVSI	169	35
>SMARCB1-P SQPEVLVPIRI	473	>SMARCB1-P SQPEVLVSIRL	407	66
>SMARCB1-P SQPEVLVPI	132	>SMARCB1-P SQPEVLVSI	145	13
>SMARCB1-P ASQPEVLVPII	479	>SMARCB1-P ASQPEVLVSIF	451	28
>SMARCB1-P ASQPEVLVPII	376	>SMARCB1-P ASQPEVLVSIF	283	93
>SMARCB1-P ASQPEVLVPI	190	>SMARCB1-P ASQPEVLVSI	186	4
>SMARCB1-P ASQPEVLVPI	104	>SMARCB1-P ASQPEVLVSI	111	7
>SMARCB1-P ASQPEVLVPII	143	>SMARCB1-P ASQPEVLVSIF	267	124
>SMARCB1-P NASQPEVLVVF	49	>SMARCB1-P NASQPEVLVS	163	114
>SMARCB1-P NASQPEVLVVF	368	>SMARCB1-P NASQPEVLVS	1003	635
>SMARCB1-P NASQPEVLVVF	859	>SMARCB1-P NASQPEVLVS	348	511
>SMARCB1-P PLETLTDA	5416	>SMARCB1-P SLETLTDA	39	5377
>SMARCB1-P PLETLTDAEM	3381	>SMARCB1-P SLETLTDAEM	58	3323
>SMARCB1-P PLETLTDA	3234	>SMARCB1-P SLETLTDA	207	3027
>SMARCB1-P PLETLTDAEM	2801	>SMARCB1-P SLETLTDAEM	332	2469
>SMARCB1-P PLETLTDA	1015	>SMARCB1-P SLETLTDA	17	998
>SMARCB1-P PLETLTDAEM	6744	>SMARCB1-P SLETLTDAEM	397	6347
>SMARCB1-P PLETLTDA	2188	>SMARCB1-P SLETLTDA	20	2168
>SMARCB1-P PLETLTDAEM	3653	>SMARCB1-P SLETLTDAEM	177	3476
>SMARCB1-P PLETLTDA	236	>SMARCB1-P SLETLTDA	8	228
>SMARCB1-P PLETLTDAEM	146	>SMARCB1-P SLETLTDAEM	9	137
>SMARCB1-P PLETLTDA	1411	>SMARCB1-P SLETLTDA	19	1392
>SMARCB1-P PLETLTDAEM	682	>SMARCB1-P SLETLTDAEM	16	666
>SMARCB1-P PLETLTDA	93	>SMARCB1-P SLETLTDA	7	86
>SMARCB1-P PLETLTDAEM	299	>SMARCB1-P SLETLTDAEM	12	287
>SMARCB1-P PLETLTDA	563	>SMARCB1-P SLETLTDA	291	272
>SMARCB1-P PLETLTDAEM	161	>SMARCB1-P SLETLTDAEM	65	96
>SMARCB1-P PLETLTDA	80	>SMARCB1-P SLETLTDA	4	76
>SMARCB1-P PLETLTDAEM	305	>SMARCB1-P SLETLTDAEM	13	292
>SMARCB1-P CPLETLT	391	>SMARCB1-P CSLETLT	30081	29690
>SMARCB1-P CPLETLTDA	202	>SMARCB1-P CSLETLTDA	21217	21015
>SMARCB1-P QWCPLLETL	501	>SMARCB1-P QWCSLETL	496	5

>SMARCB1-P QWCPLLETL	35	>SMARCB1-P QWCSLLETL	91	56
>SMARCB1-P QWCPLLETL	413	>SMARCB1-P QWCSLLETL	168	245
>SMARCB1-P QWCPLLET	444	>SMARCB1-P QWCSLLET	464	20
>SMARCB1-P QWCPLLETL	50	>SMARCB1-P QWCSLLETL	59	9
>SMARCB1-P DQWCPLLETL	363	>SMARCB1-P DQWCSLLETL	178	185
>SMARCB1-P ADQWCPLLET	499	>SMARCB1-P ADQWCSLLET	334	165
>SMARCB1-P DADQWCPL	88	>SMARCB1-P DADQWCSL	340	252
>SMARCB1-P DADQWCPLL	40	>SMARCB1-P DADQWCSLL	290	250
>SMARCB1-P GDADQWCPI	331	>SMARCB1-P GDADQWCSL	440	109
>SMARCB1-P GDADQWCPI	322	>SMARCB1-P GDADQWCSL	323	1
>SMARCB1-P NTGDADQW	132	>SMARCB1-P NTGDADQW	506	374
>SMARCB1-P NTGDADQW	255	>SMARCB1-P NTGDADQW	786	531
>SMARCB1-P PSLWRRRLATV	6871	>SMARCB1-P SSLWRRRLATV	474	6397
>SMARCB1-P PSLWRRRLATV	10669	>SMARCB1-P SSLWRRRLATV	344	10325
>SMARCB1-P PSLWRRRLATV	4513	>SMARCB1-P SSLWRRRLATV	281	4232
>SMARCB1-P PSLWRRRLATV	4242	>SMARCB1-P SSLWRRRLATV	159	4083
>SMARCB1-P PSLWRRRLATV	9728	>SMARCB1-P SSLWRRRLATV	176	9552
>SMARCB1-P PSLWRRRLATV	4391	>SMARCB1-P SSLWRRRLATV	173	4218
>SMARCB1-P YPSLWRRRL	6229	>SMARCB1-P YSSLWRRRL	478	5751
>SMARCB1-P YPSLWRRRLAT	4927	>SMARCB1-P YSSLWRRRLAT	296	4631
>SMARCB1-P YPSLWRRRLAT	2722	>SMARCB1-P YSSLWRRRLAT	234	2488
>SMARCB1-P YPSLWRRRLAT	2552	>SMARCB1-P YSSLWRRRLAT	409	2143
>SMARCB1-P YPSLWRRRLAT	6235	>SMARCB1-P YSSLWRRRLAT	229	6006
>SMARCB1-P YPSLWRRRL	19	>SMARCB1-P YSSLWRRRL	14039	14020
>SMARCB1-P YPSLWRRRLA	108	>SMARCB1-P YSSLWRRRLA	23488	23380
>SMARCB1-P YPSLWRRRLAT	31	>SMARCB1-P YSSLWRRRLAT	20439	20408
>SMARCB1-P YPSLWRRRLAT	479	>SMARCB1-P YSSLWRRRLAT	3061	2582
>SMARCB1-P YPSLWRRRL	19256	>SMARCB1-P YSSLWRRRL	27	19229
>SMARCB1-P YPSLWRRRLAT	21830	>SMARCB1-P YSSLWRRRLAT	283	21547
>SMARCB1-P YPSLWRRRL	205	>SMARCB1-P YSSLWRRRL	11343	11138
>SMARCB1-P YPSLWRRRL	443	>SMARCB1-P YSSLWRRRL	18976	18533
>SMARCB1-P YPSLWRRRLA	15	>SMARCB1-P YSSLWRRRLA	16864	16849
>SMARCB1-P YPSLWRRRLAT	54	>SMARCB1-P YSSLWRRRLAT	21263	21209
>SMARCB1-P YPSLWRRRL	13690	>SMARCB1-P YSSLWRRRL	121	13569
>SMARCB1-P YPSLWRRRLAT	4451	>SMARCB1-P YSSLWRRRLAT	167	4284
>SMARCB1-P YPSLWRRRL	370	>SMARCB1-P YSSLWRRRL	16788	16418
>SMARCB1-P MFRGSLYKRY	278	>SMARCB1-P MFRGSLYKRY	83	195
>SMARCB1-P MFRGSLYKRY	476	>SMARCB1-P MFRGSLYKRY	771	295
>SMARCB1-P RYPSLWRRRL	1979	>SMARCB1-P RYSSLWRRRL	68	1911
>SMARCB1-P RYPSLWRRR	421	>SMARCB1-P RYSSLWRRR	1121	700
>SMARCB1-P RYPSLWRRRL	46	>SMARCB1-P RYSSLWRRRL	99	53
>SMARCB1-P RYPSLWRRR	100	>SMARCB1-P RYSSLWRRR	329	229
>SMARCB1-P RYPSLWRRRL	9	>SMARCB1-P RYSSLWRRRL	22	13

>SMARCB1-P RYPSLWRRRLA	403	>SMARCB1-P RYSSLWRRRLA	1788	1385
>SMARCB1-P RYPSLWRRRLA	181	>SMARCB1-P RYSSLWRRRLA	821	640
>SMARCB1-P RYPSLWRRRLA	1317	>SMARCB1-P RYSSLWRRRLA	118	1199
>SMARCB1-P RYPSLWRR	17	>SMARCB1-P RYSSLWRR	8	9
>SMARCB1-P RYPSLWRR	1299	>SMARCB1-P RYSSLWRR	324	975
>SMARCB1-P RYPSLWRR	14	>SMARCB1-P RYSSLWRR	14	0
>SMARCB1-P RYPSLWRR	1117	>SMARCB1-P RYSSLWRR	465	652
>SMARCB1-P RYPSLWRRRL	615	>SMARCB1-P RYSSLWRRRL	250	365
>SMARCB1-P RYPSLWRRRLA	121	>SMARCB1-P RYSSLWRRRLA	219	98
>SMARCB1-P RYPSLWRRRLA	730	>SMARCB1-P RYSSLWRRRLA	272	458
>SMARCB1-P KRYPSLWRR	272	>SMARCB1-P KRYSSLWRR	245	27
>SMARCB1-P KRYPSLWR	549	>SMARCB1-P KRYSSLWR	279	270
>SMARCB1-P KRYPSLWRR	812	>SMARCB1-P KRYSSLWRR	490	322
>SMARCB1-P KRYPSLWRRRL	167	>SMARCB1-P KRYSSLWRRRL	92	75
>SMARCB1-P KRYPSLWR	122	>SMARCB1-P KRYSSLWR	73	49
>SMARCB1-P KRYPSLWRR	47	>SMARCB1-P KRYSSLWRR	32	15
>SMARCB1-P KRYPSLWRRRL	16	>SMARCB1-P KRYSSLWRRRL	12	4
>SMARCB1-P KRYPSLWRRRL	110	>SMARCB1-P KRYSSLWRRRL	71	39
>SMARCB1-P KRYPSLWRRRL	469	>SMARCB1-P KRYSSLWRRRL	405	64
>SMARCB1-P KRYPSLWR	134	>SMARCB1-P KRYSSLWR	181	47
>SMARCB1-P KRYPSLWRR	268	>SMARCB1-P KRYSSLWRR	286	18
>SMARCB1-P KRYPSLWRRRL	46	>SMARCB1-P KRYSSLWRRRL	46	0
>SMARCB1-P KRYPSLWRRRL	76	>SMARCB1-P KRYSSLWRRRL	80	4
>SMARCB1-P KRYPSLWRRRL	28	>SMARCB1-P KRYSSLWRRRL	34	6
>SMARCB1-P KRYPSLWRRRL	114	>SMARCB1-P KRYSSLWRRRL	292	178
>SMARCB1-P KRYPSLWR	32	>SMARCB1-P KRYSSLWR	38	6
>SMARCB1-P KRYPSLWRR	32	>SMARCB1-P KRYSSLWRR	39	7
>SMARCB1-P YKRYPSLWRF	165	>SMARCB1-P YKRYSSLWRR	182	17
>SMARCB1-P YKRYPSLW	24	>SMARCB1-P YKRYSSLW	14	10
>SMARCB1-P YKRYPSLWR	115	>SMARCB1-P YKRYSSLWR	67	48
>SMARCB1-P YKRYPSLWRF	142	>SMARCB1-P YKRYSSLWRR	81	61
>SMARCB1-P YKRYPSLWRF	25	>SMARCB1-P YKRYSSLWRR	17	8
>SMARCB1-P YKRYPSLW	1266	>SMARCB1-P YKRYSSLW	448	818
>SMARCB1-P YKRYPSLWRF	835	>SMARCB1-P YKRYSSLWRR	485	350
>SMARCB1-P LYKRYPSL	852	>SMARCB1-P LYKRYSSL	456	396
>SMARCB1-P LYKRYPSL	4639	>SMARCB1-P LYKRYSSL	185	4454
>SMARCB1-P LYKRYPSLW	111	>SMARCB1-P LYKRYSSLW	345	234
>SMARCB1-P LYKRYPSL	167	>SMARCB1-P LYKRYSSL	195	28
>SMARCB1-P LYKRYPSLW	38	>SMARCB1-P LYKRYSSLW	50	12
>SMARCB1-P LYKRYPSL	18	>SMARCB1-P LYKRYSSL	14	4
>SMARCB1-P LYKRYPSLW	91	>SMARCB1-P LYKRYSSLW	35	56
>SMARCB1-P LYKRYPSL	45	>SMARCB1-P LYKRYSSL	73	28
>SMARCB1-P LYKRYPSLWR	228	>SMARCB1-P LYKRYSSLWR	94	134



>SMARCB1-P LYKRYPSLWR	669	>SMARCB1-P LYKRYSSLWR	477	192
>SMARCB1-P LYKRYPSLWR	73	>SMARCB1-P LYKRYSSLWR	16	57
>SMARCB1-P LYKRYPSLWR	10	>SMARCB1-P LYKRYSSLWR	9	1
>SMARCB1-P LYKRYPSLWR	202	>SMARCB1-P LYKRYSSLWR	70	132
>SMARCB1-P LYKRYPSLWR	34	>SMARCB1-P LYKRYSSLWR	32	2
>SMARCB1-P LYKRYPSL	257	>SMARCB1-P LYKRYSSL	131	126
>SMARCB1-P LYKRYPSLW	1161	>SMARCB1-P LYKRYSSLW	446	715
>SMARCB1-P LYKRYPSLW	352	>SMARCB1-P LYKRYSSLW	149	203
>SMARCB1-P LYKRYPSLWR	104	>SMARCB1-P LYKRYSSLWR	113	9
>SMARCB1-P LYKRYPSLWR	116	>SMARCB1-P LYKRYSSLWR	127	11
>SMARCB1-P SLYKRYPSL	15	>SMARCB1-P SLYKRYSSL	17	2
>SMARCB1-P SLYKRYPSL	27	>SMARCB1-P SLYKRYSSL	94	67
>SMARCB1-P SLYKRYPSL	43	>SMARCB1-P SLYKRYSSL	24	19
>SMARCB1-P SLYKRYPSL	19	>SMARCB1-P SLYKRYSSL	9	10
>SMARCB1-P SLYKRYPSL	174	>SMARCB1-P SLYKRYSSL	776	602
>SMARCB1-P SLYKRYPSL	5	>SMARCB1-P SLYKRYSSL	7	2
>SMARCB1-P SLYKRYPSL	55	>SMARCB1-P SLYKRYSSL	44	11
>SMARCB1-P SLYKRYPSL	6	>SMARCB1-P SLYKRYSSL	12	6
>SMARCB1-P SLYKRYPSL	4	>SMARCB1-P SLYKRYSSL	4	0
>SMARCB1-P SLYKRYPSLW	39	>SMARCB1-P SLYKRYSSLW	36	3
>SMARCB1-P SLYKRYPSLW	136	>SMARCB1-P SLYKRYSSLW	120	16
>SMARCB1-P SLYKRYPSLW	36	>SMARCB1-P SLYKRYSSLW	30	6
>SMARCB1-P SLYKRYPSLW	538	>SMARCB1-P SLYKRYSSLW	373	165
>SMARCB1-P SLYKRYPSLW	191	>SMARCB1-P SLYKRYSSLW	93	98
>SMARCB1-P SLYKRYPS	492	>SMARCB1-P SLYKRYSS	333	159
>SMARCB1-P SLYKRYPSL	15	>SMARCB1-P SLYKRYSSL	11	4
>SMARCB1-P SLYKRYPSL	512	>SMARCB1-P SLYKRYSSL	278	234
>SMARCB1-P SLYKRYPSL	2651	>SMARCB1-P SLYKRYSSL	309	2342
>SMARCB1-P SLYKRYPSL	122	>SMARCB1-P SLYKRYSSL	45	77
>SMARCB1-P SLYKRYPSLW	223	>SMARCB1-P SLYKRYSSLW	130	93
>SMARCB1-P SLYKRYPSL	6637	>SMARCB1-P SLYKRYSSL	220	6417
>SMARCB1-P SLYKRYPSLW	508	>SMARCB1-P SLYKRYSSLW	425	83
>SMARCB1-P SLYKRYPSLW	82	>SMARCB1-P SLYKRYSSLW	92	10
>SMARCB1-P GSLYKRYPSL	96	>SMARCB1-P GSLYKRYSSL	62	34
>SMARCB1-P GSLYKRYPSL\	19	>SMARCB1-P GSLYKRYSSL\	14	5
>SMARCB1-P GSLYKRYPSL\	69	>SMARCB1-P GSLYKRYSSL\	79	10
>SMARCB1-P GSLYKRYPSL\	45	>SMARCB1-P GSLYKRYSSL\	38	7
>SMARCB1-P GSLYKRYPSL	1152	>SMARCB1-P GSLYKRYSSL	405	747
>SMARCB1-P GSLYKRYPSL\	70	>SMARCB1-P GSLYKRYSSL\	40	30
>SMARCB1-C QDRNTRRMF	7283	>SMARCB1-C RDRNTRRMR	392	6891
>SMARCB1-C QDRNTRRMF	673	>SMARCB1-C RDRNTRRMR	123	550
>SMARCB1-C KIRDQDRNT	234	>SMARCB1-C KIRDQRDRNT	241	7
>SMARCB1-C KIRDQDRNTF	23	>SMARCB1-C KIRDQRDRNTR	18	5

>SMARCB1-C KIRDQDRNTF	58	>SMARCB1-C KIRDRDRNTR	59	1
>SMARCB1-C KIRDQDRNTF	51	>SMARCB1-C KIRDRDRNTR	21	30
>SMARCB1-C KIRDQDRNTF	25	>SMARCB1-C KIRDRDRNTR	17	8
>SMARCB1-C KIRDQDRNTF	101	>SMARCB1-C KIRDRDRNTR	118	17
>SMARCB1-C KIRDQDRNTF	58	>SMARCB1-C KIRDRDRNTR	61	3
>SMARCB1-C KKIRDQDRNT	402	>SMARCB1-C KKIRDRDRNT	336	66
>SMARCB1-C MEKKIRDQD	377	>SMARCB1-C MEKKIRD	852	475
>SMARCB1-C AEMEKKIRDC	166	>SMARCB1-C AEMEKKIRDF	299	133
>SMARCB1-R RNSQWVPTL	379	>SMARCB1-R GNSQWVPTL	4103	3724
>SMARCB1-R RNSQWVPTL	414	>SMARCB1-R GNSQWVPTL	2234	1820
>SMARCB1-R KRNSQWVPT	110	>SMARCB1-R KGNSQWVPT	2606	2496
>SMARCB1-R KRNSQWVPT	461	>SMARCB1-R KGNSQWVPT	22957	22496
>SMARCB1-R KRNSQWVPT	15	>SMARCB1-R KGNSQWVPT	13858	13843
>SMARCB1-R KRNSQWVPT	258	>SMARCB1-R KGNSQWVPT	11076	10818
>SMARCB1-R KRNSQWVPT	61	>SMARCB1-R KGNSQWVPT	15905	15844
>SMARCB1-R KRNSQWVPT	54	>SMARCB1-R KGNSQWVPT	16997	16943
>SMARCB1-R AKRNSQWV	45	>SMARCB1-R AKGNSQWV	697	652
>SMARCB1-R AKRNSQWVF	171	>SMARCB1-R AKGNSQWVF	1680	1509
>SMARCB1-R AKRNSQWVF	131	>SMARCB1-R AKGNSQWVF	1530	1399
>SMARCB1-R AKRNSQWVF	10	>SMARCB1-R AKGNSQWVF	67	57
>SMARCB1-R KAKRNSQWV	491	>SMARCB1-R KAKGNSQWV	95	396
>SMARCB1-R KAKRNSQWV	9	>SMARCB1-R KAKGNSQWV	23	14
>SMARCB1-R KAKRNSQWV	231	>SMARCB1-R KAKGNSQWV	828	597
>SMARCB1-R KAKRNSQWV	16	>SMARCB1-R KAKGNSQWV	44	28
>SMARCB1-R KAKRNSQW	21	>SMARCB1-R KAKGNSQW	15	6
>SMARCB1-R KAKRNSQW	37	>SMARCB1-R KAKGNSQW	36	1
>SMARCB1-R KAKRNSQW	17	>SMARCB1-R KAKGNSQW	17	0
>SMARCB1-R QKAKRNSQV	435	>SMARCB1-R QKAKGNSQV	375	60
>SMARCB1-R REQKAKRNSQ	95	>SMARCB1-R REQKAKGNSQ	145	50
>SMARCB1-R REQKAKRNSQ	166	>SMARCB1-R REQKAKGNSQ	207	41
>SMARCB1-R REQKAKRNSQ	223	>SMARCB1-R REQKAKGNSQ	178	45
>SMARCB1-R YLREQKAKR	55	>SMARCB1-R YLREQKAKG	21509	21454
>SMARCB1-R YLREQKAKR	153	>SMARCB1-R YLREQKAKG	29647	29494
>SMARCB1-R TYLREQKAKR	63	>SMARCB1-R TYLREQKAKG	26595	26532
>SMARCB1-R IRQQIESY	333	>SMARCB1-R IKQQIESY	332	1
>SMARCB1-R IRQQIESY	191	>SMARCB1-R IKQQIESY	21	170
>SMARCB1-R TFVPAIASAIR	11370	>SMARCB1-R TFVPAIASAIK	454	10916
>SMARCB1-R TFVPAIASAIR	59	>SMARCB1-R TFVPAIASAIK	1513	1454
>SMARCB1-R TFVPAIASAIR	272	>SMARCB1-R TFVPAIASAIK	5313	5041
>SMARCB1-R TFVPAIASAIR	75	>SMARCB1-R TFVPAIASAIK	290	215
>SMARCB1-R TFVPAIASAIR	124	>SMARCB1-R TFVPAIASAIK	1966	1842
>SMARCB1-R AIRQQIESY	939	>SMARCB1-R AIKQQIESY	496	443
>SMARCB1-R AIRQQIESY	36	>SMARCB1-R AIKQQIESY	58	22

>SMARCB1-RAIRQQIES	437	>SMARCB1-RAIKQQIES	2185	1748
>SMARCB1-RAIRQQIESY	557	>SMARCB1-RAIKQQIESY	278	279
>SMARCB1-RAIRQQIESY	51	>SMARCB1-RAIKQQIESY	51	0
>SMARCB1-RAIRQQIESY	442	>SMARCB1-RAIKQQIESY	1052	610
>SMARCB1-RAIRQQIESY	136	>SMARCB1-RAIKQQIESY	1023	887
>SMARCB1-RAIRQQIESY	24	>SMARCB1-RAIKQQIESY	41	17
>SMARCB1-RAIRQQIESY	368	>SMARCB1-RAIKQQIESY	300	68
>SMARCB1-RAIRQQIESY	174	>SMARCB1-RAIKQQIESY	141	33
>SMARCB1-RAIRQQIESY	288	>SMARCB1-RAIKQQIESY	312	24
>SMARCB1-RAIRQQIESY	91	>SMARCB1-RAIKQQIESY	62	29
>SMARCB1-RAIRQQIESY	388	>SMARCB1-RAIKQQIESY	966	578
>SMARCB1-RAIRQQIESY	241	>SMARCB1-RAIKQQIESY	165	76
>SMARCB1-RASAIRQQIES\	570	>SMARCB1-RASAIRQQIES\	448	122
>SMARCB1-RASAIRQQIES\	84	>SMARCB1-RASAIRQQIES\	70	14
>SMARCB1-RASAIRQQIES\	193	>SMARCB1-RASAIRQQIES\	260	67
>SMARCB1-RASAIRQQIES\	393	>SMARCB1-RASAIRQQIES\	590	197
>SMARCB1-RASAIRQQI	86	>SMARCB1-RASAIRQQI	85	1
>SMARCB1-RASAIRQQIES\	7	>SMARCB1-RASAIRQQIES\	7	0
>SMARCB1-RASAIRQQIES\	336	>SMARCB1-RASAIRQQIES\	490	154
>SMARCB1-RASAIRQQI	41	>SMARCB1-RASAIRQQI	54	13
>SMARCB1-RIASAIRQQI	422	>SMARCB1-RIASAIRQQI	2047	1625
>SMARCB1-RIASAIRQQI	354	>SMARCB1-RIASAIRQQI	522	168
>SMARCB1-RIASAIRQQI	306	>SMARCB1-RIASAIRQQI	448	142
>SMARCB1-RAIASAIRQQI	737	>SMARCB1-RAIASAIRQQI	495	242
>SMARCB1-RAIASAIRQQI	118	>SMARCB1-RAIASAIRQQI	95	23
>SMARCB1-RAIASAIRQQI	221	>SMARCB1-RAIASAIRQQI	823	602
>SMARCB1-RFVPAIASAIR	4834	>SMARCB1-RFVPAIASAIR	304	4530
>SMARCB1-RFVPAIASAIR	2303	>SMARCB1-RFVPAIASAIR	159	2144
>SMARCB1-RFVPAIASAIR	427	>SMARCB1-RFVPAIASAIR	8482	8055
>SMARCB1-RFVPAIASAIR	5	>SMARCB1-RFVPAIASAIR	10	5
>SMARCB1-RRNTGDADQV	90	>SMARCB1-RRNTGDADQV	578	488
>SMARCB1-RRNTGDADQV	3315	>SMARCB1-RRNTGDADQV	294	3021
>SMARCB1-RRNTGDADQV	100	>SMARCB1-RRNTGDADQV	85	15
>SMARCB1-RIRNTGDADQ\	32174	>SMARCB1-RIRNTGDADQ\	41	32133
>SMARCB1-RIRNTGDADQ\	9241	>SMARCB1-RIRNTGDADQ\	482	8759
>SMARCB1-RIRNTGDADQ\	4978	>SMARCB1-RIRNTGDADQ\	61	4917
>SMARCB1-RIRNTGDADQ\	105	>SMARCB1-RIRNTGDADQ\	798	693
>SMARCB1-RNPLPTVEIAIR	13649	>SMARCB1-RNPLPTVEIAIR	40	13609
>SMARCB1-RNPLPTVEIAIR	14021	>SMARCB1-RNPLPTVEIAIR	290	13731
>SMARCB1-RNPLPTVEIAIR	13935	>SMARCB1-RNPLPTVEIAIR	350	13585
>SMARCB1-RAIRNTGDA	81	>SMARCB1-RAIRNTGDA	6153	6072
>SMARCB1-RAIRNTGDADC	285	>SMARCB1-RAIRNTGDADC	424	139
>SMARCB1-RAIRNTGDADC	6220	>SMARCB1-RAIRNTGDADC	475	5745

>SMARCB1-R EIAIRNTGDA	1114	>SMARCB1-REIAILNTGDA	405	709
>SMARCB1-R VEIAIRNT	418	>SMARCB1-R VEIAILNT	178	240
>SMARCB1-R VEIAIRNTGD/	401	>SMARCB1-R VEIAILNTGD/	340	61
>SMARCB1-R VEIAIRNTGD/	329	>SMARCB1-R VEIAILNTGD/	137	192
>SMARCB1-R PTVEIAIR	8767	>SMARCB1-R PTVEIAIL	279	8488
>SMARCB1-R PTVEIAIR	185	>SMARCB1-R PTVEIAIL	28072	27887
>SMARCB1-R LPTVEIAIR	7633	>SMARCB1-R LPTVEIAIL	271	7362
>SMARCB1-R LPTVEIAIR	5592	>SMARCB1-R LPTVEIAIL	65	5527
>SMARCB1-R LPTVEIAIR	9163	>SMARCB1-R LPTVEIAIL	189	8974
>SMARCB1-R PLPTVEIAIR	23769	>SMARCB1-R PLPTVEIAIL	250	23519
>SMARCB1-R PLPTVEIAIR	17840	>SMARCB1-R PLPTVEIAIL	308	17532
>SMARCB1-R RMRRRLANT	456	>SMARCB1-R QMRRLANT	1580	1124
>SMARCB1-R RMRRRLANTA	136	>SMARCB1-R QMRRLANTA	777	641
>SMARCB1-R RMRRRLANTA	22	>SMARCB1-R QMRRLANTA	87	65
>SMARCB1-R RMRRRLANTA	438	>SMARCB1-R QMRRLANTA	2950	2512
>SMARCB1-R RMRRRLANTA	254	>SMARCB1-R QMRRLANTA	781	527
>SMARCB1-R RMRRRLANT	30	>SMARCB1-R QMRRLANT	1723	1693
>SMARCB1-R RMRRRLANTA	5	>SMARCB1-R QMRRLANTA	68	63
>SMARCB1-R RMRRRLANTA	77	>SMARCB1-R QMRRLANTA	3557	3480
>SMARCB1-R RMRRRLANTA	4	>SMARCB1-R QMRRLANTA	17	13
>SMARCB1-R RMRRRLANTA	350	>SMARCB1-R QMRRLANTA	7006	6656
>SMARCB1-R RMRRRLANTA	460	>SMARCB1-R QMRRLANTA	2946	2486
>SMARCB1-R RMRRRLANTA	114	>SMARCB1-R QMRRLANTA	396	282
>SMARCB1-R RMRRRLANTA	243	>SMARCB1-R QMRRLANTA	1007	764
>SMARCB1-R RMRRRLANTA	420	>SMARCB1-R QMRRLANTA	1536	1116
>SMARCB1-R RMRRRLANTA	164	>SMARCB1-R QMRRLANTA	567	403
>SMARCB1-R RRMRRRLANT	17182	>SMARCB1-R RQMRRRLANT	493	16689
>SMARCB1-R RRMRRRLANT	20152	>SMARCB1-R RQMRRRLANT	81	20071
>SMARCB1-R RRMRRRLANT.	2851	>SMARCB1-R RQMRRRLANT	323	2528
>SMARCB1-R RRMRRRLANT.	21164	>SMARCB1-R RQMRRRLANT	313	20851
>SMARCB1-R RRMRRRLANT.	637	>SMARCB1-R RQMRRRLANT	92	545
>SMARCB1-R RRMRRRLANT.	738	>SMARCB1-R RQMRRRLANT	174	564
>SMARCB1-R RRMRRRLAN	51	>SMARCB1-R RQMRRRLAN	475	424
>SMARCB1-R RRMRRRLANT	40	>SMARCB1-R RQMRRRLANT	334	294
>SMARCB1-R RRMRRRLANT.	35	>SMARCB1-R RQMRRRLANT	1924	1889
>SMARCB1-R RRMRRRLANT.	73	>SMARCB1-R RQMRRRLANT	913	840
>SMARCB1-R RRMRRRLAN	131	>SMARCB1-R RQMRRRLAN	2660	2529
>SMARCB1-R RRMRRRLANT	119	>SMARCB1-R RQMRRRLANT	2491	2372
>SMARCB1-R RRMRRRLANT.	45	>SMARCB1-R RQMRRRLANT	853	808
>SMARCB1-R RRMRRRLANT.	263	>SMARCB1-R RQMRRRLANT	5018	4755
>SMARCB1-R RRMRRRLANT	200	>SMARCB1-R RQMRRRLANT	1653	1453
>SMARCB1-R RRMRRRLANT.	63	>SMARCB1-R RQMRRRLANT	1546	1483
>SMARCB1-R KIRDQDRNTF	58	>SMARCB1-R KIRDQDRNTF	173	115

>SMARCB1-R KIRDQDRNTF	25	>SMARCB1-R KIRDQDRNTF	10200	10175
>SMARCB1-R KIRDQDRNTF	58	>SMARCB1-R KIRDQDRNTF	7366	7308
>SMARCB1-R TRRMRRLAN	388	>SMARCB1-R TRQMRRLAN	1715	1327
>SMARCB1-R TRRMRRLAN	606	>SMARCB1-R TRQMRRLAN	493	113
>SMARCB1-R TRRMRRLAN	540	>SMARCB1-R TRQMRRLAN	385	155
>SMARCB1-R NTRRMRRL	397	>SMARCB1-R NTRQMRRL	2007	1610
>SMARCB1-R NTRRMRRLA	18	>SMARCB1-R NTRQMRRLA	185	167
>SMARCB1-R NTRRMRRL	292	>SMARCB1-R NTRQMRRL	80	212
>SMARCB1-R RNTRRMRR	84	>SMARCB1-R RNTRQMRR	261	177
>SMARCB1-R RNTRRMRR	446	>SMARCB1-R RNTRQMRR	475	29
>SMARCB1-R DRNTRRMRR	474	>SMARCB1-R DRNTRQMRF	1597	1123
>SMARCB1-R RLANTAPA	106	>SMARCB1-R HLANTAPA	225	119
>SMARCB1-R RLANTAPA	48	>SMARCB1-R HLANTAPA	32	16
>SMARCB1-R RLANTAPA	8	>SMARCB1-R HLANTAPA	14	6
>SMARCB1-R RLANTAPA	63	>SMARCB1-R HLANTAPA	150	87
>SMARCB1-R RLANTAPA	20	>SMARCB1-R HLANTAPA	87	67
>SMARCB1-R RLANTAPA	27	>SMARCB1-R HLANTAPA	31	4
>SMARCB1-R RLANTAPA	32	>SMARCB1-R HLANTAPA	56	24
>SMARCB1-R RLANTAPA	153	>SMARCB1-R HLANTAPA	257	104
>SMARCB1-R RLANTAPA	12	>SMARCB1-R HLANTAPA	11	1
>SMARCB1-R RLANTAPA	464	>SMARCB1-R HLANTAPA	1633	1169
>SMARCB1-R RLANTAPAW	47	>SMARCB1-R HLANTAPAW	384	337
>SMARCB1-R RLANTAPA	4754	>SMARCB1-R HLANTAPA	252	4502
>SMARCB1-R RLANTAPA	360	>SMARCB1-R HLANTAPA	1038	678
>SMARCB1-R RLANTAPAW	296	>SMARCB1-R HLANTAPAW	1131	835
>SMARCB1-R RLANTAPAW	255	>SMARCB1-R HLANTAPAW	1029	774
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>SMARCB1-R RLANTAPAW	27	>SMARCB1-R HLANTAPAW	211	184
>SMARCB1-R RRLANTAPA	193	>SMARCB1-R RHLANTAPA	717	524
>SMARCB1-R RRLANTAPAV	67	>SMARCB1-R RHLANTAPAV	142	75
>SMARCB1-R RRLANTAP	363	>SMARCB1-R RHLANTAP	17656	17293
>SMARCB1-R RRLANTAPA	57	>SMARCB1-R RHLANTAPA	8712	8655
>SMARCB1-R RRLANTAPAV	25	>SMARCB1-R RHLANTAPAV	1671	1646
>SMARCB1-R RRLANTAPAV	2158	>SMARCB1-R RHLANTAPAV	144	2014
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>SMARCB1-R RRLANTAPA	349	>SMARCB1-R RHLANTAPA	13180	12831
>SMARCB1-R RRLANTAPAV	172	>SMARCB1-R RHLANTAPAV	15765	15593
>SMARCB1-R RRLANTAPAV	140	>SMARCB1-R RHLANTAPAV	15635	15495
>SMARCB1-R RRLANTAPAV	487	>SMARCB1-R RHLANTAPAV	389	98
>SMARCB1-R MRRLANTAP	65	>SMARCB1-R MRHLANTAP	642	577
>SMARCB1-R MRRLANTAP	192	>SMARCB1-R MRHLANTAP	258	66
>SMARCB1-R MRRLANTAP	341	>SMARCB1-R MRHLANTAP	502	161
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>SMARCB1-R RMRRLANT	456	>SMARCB1-R RMRHLANT	176	280
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>SMARCB1-R RMRRLANTA	438	>SMARCB1-R RMRHLANTA	510	72
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>SMARCB1-R RMRRLANTA	254	>SMARCB1-R RMRHLANTA	527	273
>SMARCB1-R RMRRLANT	30	>SMARCB1-R RMRHLANT	51	21
>SMARCB1-R RMRRLANTA	5	>SMARCB1-R RMRHLANTA	7	2
>SMARCB1-R RMRRLANTA	77	>SMARCB1-R RMRHLANTA	140	63
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>SMARCB1-R RMRRLANTA	460	>SMARCB1-R RMRHLANTA	275	185
>SMARCB1-R RMRRLANTA	114	>SMARCB1-R RMRHLANTA	82	32
>SMARCB1-R RMRRLANTA	243	>SMARCB1-R RMRHLANTA	145	98
>SMARCB1-R RMRRLANTA	420	>SMARCB1-R RMRHLANTA	273	147
>SMARCB1-R RMRRLANTA	164	>SMARCB1-R RMRHLANTA	111	53
>SMARCB1-R RRMRLANT	637	>SMARCB1-R RRMRLANT	376	261
>SMARCB1-R RRMRLAN	51	>SMARCB1-R RRMRLAN	77	26
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>SMARCB1-R RRMRLANT	119	>SMARCB1-R RRMRLANT	142	23
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>SMARCB1-R RRMRLANT	263	>SMARCB1-R RRMRLANT	312	49
>SMARCB1-R RRMRLANT	200	>SMARCB1-R RRMRLANT	225	25
>SMARCB1-R RRMRLANT	63	>SMARCB1-R RRMRLANT	153	90
>SMARCB1-R TRRMRLAN	388	>SMARCB1-R TRRMRLAN	490	102
>SMARCB1-R NTRRMRL	397	>SMARCB1-R NTRRMRL	132	265
>SMARCB1-R NTRRMRLA	18	>SMARCB1-R NTRRMRLA	16	2
>SMARCB1-R NTRRMRL	292	>SMARCB1-R NTRRMRL	599	307
>SMARCB1-R RNTRRMRR	84	>SMARCB1-R RNTRRMRH	12220	12136
>SMARCB1-R RNTRRMRL	604	>SMARCB1-R RNTRRMRL	438	166
>SMARCB1-R RNTRRMRR	446	>SMARCB1-R RNTRRMRH	31754	31308
>SMARCB1-R DRNTRRMRR	474	>SMARCB1-R DRNTRRMRH	28704	28230
>SMARCB1-S SEKENSPEK	499	>SMARCB1-S LEKENSPEK	1309	810
>SMARCB1-S SEKENSPEKF	218	>SMARCB1-S LEKENSPEKF	104	114
>SMARCB1-S SEKENSPEKF	145	>SMARCB1-S LEKENSPEKF	1857	1712
>SMARCB1-S SEKENSPEKF	43	>SMARCB1-S LEKENSPEKF	503	460
>SMARCB1-S SEKENSPEKF	392	>SMARCB1-S LEKENSPEKF	429	37
>SMARCB1-S MSEKENSPEK	153	>SMARCB1-S MLEKENSPEK	1091	938
>SMARCB1-S MSEKENSPEK	339	>SMARCB1-S MLEKENSPEK	434	95
>SMARCB1-S MSEKENSPEK	14	>SMARCB1-S MLEKENSPEK	3780	3766

>SMARCB1-S MSEKENSPEK	77	>SMARCB1-S MLEKENSPEK	1776	1699
>SMARCB1-S SLVDQFEWD	9061	>SMARCB1-S SLVDQFEWD	97	8964
>SMARCB1-S SLVDQFEWD	589	>SMARCB1-S SLVDQFEWD	9	580
>SMARCB1-S SLVDQFEWD	4325	>SMARCB1-S SLVDQFEWD	96	4229
>SMARCB1-S SLVDQFEWD	810	>SMARCB1-S SLVDQFEWD	31	779
>SMARCB1-S SLVDQFEWD	1213	>SMARCB1-S SLVDQFEWD	12	1201
>SMARCB1-S SLVDQFEWD	13699	>SMARCB1-S SLVDQFEWD	86	13613
>SMARCB1-S SLVDQFEWD	4149	>SMARCB1-S SLVDQFEWD	17	4132
>SMARCB1-S SLVDQFEWD	1158	>SMARCB1-S SLVDQFEWD	9	1149
>SMARCB1-S DMSEKENSPI	452	>SMARCB1-S DMLEKENSPI	2015	1563
>SMARCB1-S FEWDMSEKE	460	>SMARCB1-S FEWDMLEKE	122	338
>SMARCB1-S DQFEWDMSI	1557	>SMARCB1-S DQFEWDMLE	461	1096
>SMARCB1-S DQFEWDMSI	491	>SMARCB1-S DQFEWDMLE	521	30
>SMARCB1-S VDQFEWDM	24304	>SMARCB1-S VDQFEWDM	408	23896
>SMARCB1-S LVDQFEWDM	11986	>SMARCB1-S LVDQFEWDM	428	11558
>SMARCB1-V VIIKLNIHV	187	>SMARCB1-V IIIKLNIHV	107	80
>SMARCB1-V VIIKLNIHV	413	>SMARCB1-V IIIKLNIHV	189	224
>SMARCB1-V VIIKLNIHV	295	>SMARCB1-V IIIKLNIHV	221	74
>SMARCB1-V VIIKLNIHV	28	>SMARCB1-V IIIKLNIHV	24	4
>SMARCB1-V VIIKLNIHV	82	>SMARCB1-V IIIKLNIHV	104	22
>SMARCB1-V VIIKLNIHV	251	>SMARCB1-V IIIKLNIHV	374	123
>SMARCB1-V VIIKLNIHV	51	>SMARCB1-V IIIKLNIHV	96	45
>SMARCB1-V VIIKLNIHV	29	>SMARCB1-V IIIKLNIHV	41	12
>SMARCB1-V VIIKLNIHV	354	>SMARCB1-V IIIKLNIHV	216	138
>SMARCB1-V RVIIKLNIHV	554	>SMARCB1-V RIIIKLNIHV	331	223
>SMARCB1-V RVIIKLNI	705	>SMARCB1-V RIIIKLNI	348	357
>SMARCB1-V RVIIKLNIHV	398	>SMARCB1-V RIIIKLNIHV	252	146
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>SMARCB1-V RVIIKLNIHV	602	>SMARCB1-V RIIIKLNIHV	308	294
>SMARCB1-V RVIIKLNIHV	632	>SMARCB1-V RIIIKLNIHV	201	431
>SMARCB1-V RVIIKLNIHV	257	>SMARCB1-V RIIIKLNIHV	84	173
>SMARCB1-V RVIIKLNI	366	>SMARCB1-V RIIIKLNI	1103	737
>SMARCB1-V RVIIKLNIHV	189	>SMARCB1-V RIIIKLNIHV	629	440
>SMARCB1-V RVIIKLNI	235	>SMARCB1-V RIIIKLNI	305	70
>SMARCB1-V RVIIKLNIHV	292	>SMARCB1-V RIIIKLNIHV	612	320
>SMARCB1-V RVIIKLNI	345	>SMARCB1-V RIIIKLNI	1362	1017
>SMARCB1-V SILEDQSDQR	252	>SMARCB1-V SILEDQSDQR	1324	1072
>SMARCB1-V SILEDQSDQR	487	>SMARCB1-V SILEDQSDQR	2792	2305
>SMARCB1-V SILEDQSDQR	134	>SMARCB1-V SILEDQSDQR	848	714
>SMARCB1-V SILEDQSDQR	9	>SMARCB1-V SILEDQSDQR	75	66
>SMARCB1-V SILEDQSDQR	62	>SMARCB1-V SILEDQSDQR	451	389
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>SMARCB1-V SILEDQSDQR	95	>SMARCB1-V SILEDQSDQR	1983	1888
>SMARCB1-V SILEDQSDQR	4	>SMARCB1-V SILEDQSDQR	114	110
>SMARCB1-V SILEDQSDQR	161	>SMARCB1-V SILEDQSDQR	1056	895
>SMARCB1-V QRVIKLN	179	>SMARCB1-V QRVIKLN	120	59
>SMARCB1-V QRVIKLNHV	276	>SMARCB1-V QRVIKLNHV	188	88
>SMARCB1-V QRVIKLN	537	>SMARCB1-V QRVIKLN	276	261
>SMARCB1-V QRVIKLN	206	>SMARCB1-V QRVIKLN	96	110
>SMARCB1-V QRVIKLNHV	522	>SMARCB1-V QRVIKLNHV	251	271
>SMARCB1-V SDQRVIKLN	354	>SMARCB1-V SDQRVIKLN	376	22
>SMARCB1-V SDQRVIKLN	327	>SMARCB1-V SDQRVIKLN	349	22
>SMARCB1-V QSDQRVIK	413	>SMARCB1-V QSDQRVIK	281	132
>SMARCB1-V QSDQRVIK	177	>SMARCB1-V QSDQRVIK	175	2
>SMARCB1-V QSDQRVIK	268	>SMARCB1-V QSDQRVIK	214	54
>SMARCB1-V QSDQRVII	334	>SMARCB1-V QSDQRVII	277	57
>SMARCB1-V EDQSDQRV	849	>SMARCB1-V EDQSDQRV	366	483
>SMARCB1-V EDQSDQRVI	255	>SMARCB1-V EDQSDQRVI	204	51
>SMARCB1-V EDQSDQRVII	256	>SMARCB1-V EDQSDQRVII	293	37
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>SMARCB1-V LEDQSDQRVI	109	>SMARCB1-V LEDQSDQRVI	102	7
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>SMARCB1-V ILEDQSDQRV	393	>SMARCB1-V ILEDQSDQRV	881	488
>SMARCB1-V ILEDQSDQRV	487	>SMARCB1-V ILEDQSDQRV	430	57
>SMARCB1-V ILEDQSDQRV	15	>SMARCB1-V ILEDQSDQRV	173	158
>SMARCB1-V ILEDQSDQRV	367	>SMARCB1-V ILEDQSDQRV	845	478
>SMARCB1-V ILEDQSDQRV	36	>SMARCB1-V ILEDQSDQRV	300	264
>SMARCB1-V ILEDQSDQRV	452	>SMARCB1-V ILEDQSDQRV	566	114
>SMARCB1-V ILEDQSDQRV	55	>SMARCB1-V ILEDQSDQRV	1753	1698
>SMARCB1-V ILEDQSDQRV	147	>SMARCB1-V ILEDQSDQRV	2846	2699
>SMARCB1-V ILEDQSDQRV	2	>SMARCB1-V ILEDQSDQRV	12	10
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>SMO-A324T ALMAGVWV	230	>SMO-A324T ALMAGVWV	634	404
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>SMO-A324T ALMAGVWV	63	>SMO-A324T ALMAGVWV	138	75
>SMO-A324T ALMAGVWV	6	>SMO-A324T ALMAGVWV	6	0
>SMO-A324T ALMAGVWV	4	>SMO-A324T ALMAGVWV	5	1
>SMO-A324T ALMAGVWV	197	>SMO-A324T ALMAGVWV	399	202
>SMO-A324T ALMAGVWV	12	>SMO-A324T ALMAGVWV	12	0
>SMO-A324T ALMAGVWV	5	>SMO-A324T ALMAGVWV	7	2



>SMO-A324TALMAGVVWI	301	>SMO-A324TTLMAGVVWF	490	189
>SMO-A324TALMAGVVWI	32	>SMO-A324TTLMAGVVWF	29	3
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>SMO-A324TALMAGVVWI	129	>SMO-A324TTLMAGVVWF	639	510
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>SMO-A324TALMAGVVWI	58	>SMO-A324TTLMAGVVWF	157	99
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>SMO-A324TALMAGVVWI	328	>SMO-A324TTLMAGVVWF	19	309
>SMO-A324TALMAGVVWI	56	>SMO-A324TTLMAGVVWF	8	48
>SMO-A324TALMAGVVWI	644	>SMO-A324TTLMAGVVWF	37	607
>SMO-A324TALMAGVVW	141	>SMO-A324TTLMAGVVW	349	208
>SMO-A324TALMAGVVWI	83	>SMO-A324TTLMAGVVWF	140	57
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>SMO-A324TALMAGVVWI	131	>SMO-A324TTLMAGVVWF	75	56
>SMO-A324TALMAGVVW	454	>SMO-A324TTLMAGVVW	2027	1573
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>SMO-A324TALMAGVVWI	81	>SMO-A324TTLMAGVVWF	564	483
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>SMO-A324TALMAGVVWI	113	>SMO-A324TTLMAGVVWF	209	96
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>SMO-A324TYALMAGVV	761	>SMO-A324TYTLMAGVV	469	292
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>SMO-A324TYALMAGVV	2360	>SMO-A324TYTLMAGVV	315	2045
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>SMO-A324TYALMAGVV	112	>SMO-A324TYTLMAGVV	23	89
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>SMO-A324TYALMAGVVV	18	>SMO-A324TYTLMAGVVV	26	8
>SMO-A324TYALMAGVV	1435	>SMO-A324TYTLMAGVV	102	1333
>SMO-A324TYALMAGVVV	6	>SMO-A324TYTLMAGVVV	4	2
>SMO-A324TYALMAGVVV	6	>SMO-A324TYTLMAGVVV	3	3
>SMO-A324TYALMAGVVV	1714	>SMO-A324TYTLMAGVVV	141	1573
>SMO-A324TYALMAGVVV	306	>SMO-A324TYTLMAGVVV	3065	2759
>SMO-A324TYALMAGVVV	270	>SMO-A324TYTLMAGVVV	3115	2845
>SMO-A324TYALMAGVVV	72	>SMO-A324TYTLMAGVVV	55	17
>SMO-A324TYALMAGVVV	17	>SMO-A324TYTLMAGVVV	16	1
>SMO-A324TYALMAGVVV	942	>SMO-A324TYTLMAGVVV	122	820
>SMO-A324TYALMAGVVV	599	>SMO-A324TYTLMAGVVV	72	527
>SMO-A324TYALMAGVVV	1079	>SMO-A324TYTLMAGVVV	55	1024
>SMO-A324TYALMAGVVV	282	>SMO-A324TYTLMAGVVV	23	259
>SMO-A324TYALMAGVVV	3847	>SMO-A324TYTLMAGVVV	278	3569
>SMO-A324TYALMAGVVV	30	>SMO-A324TYTLMAGVVV	97	67
>SMO-A324TCVIFVIVYYA	291	>SMO-A324TCVIFVIVYYT	1678	1387
>SMO-A324TCVIFVIVYYA	25	>SMO-A324TCVIFVIVYYT	176	151
>SMO-A324TYALMAGV	277	>SMO-A324TYTLMAGV	462	185
>SMO-A324TYALMAGVV	23	>SMO-A324TYTLMAGVV	36	13
>SMO-A324TYALMAGV	138	>SMO-A324TYTLMAGV	1179	1041
>SMO-A324TYALMAGV	225	>SMO-A324TYTLMAGV	524	299
>SMO-A324TYALMAGV	78	>SMO-A324TYTLMAGV	89	11
>SMO-A324TYALMAGVV	26	>SMO-A324TYTLMAGVV	32	6
>SMO-A324TYALMAGVV	101	>SMO-A324TYTLMAGVV	144	43
>SMO-A324TYALMAGVV	57	>SMO-A324TYTLMAGVV	74	17
>SMO-A324TYALMAGVV	40	>SMO-A324TYTLMAGVV	99	59

>SMO-A324TYYALMAGV	164	>SMO-A324TYYTLMAGV	224	60
>SMO-A324TYYALMAGVV	102	>SMO-A324TYYTLMAGVV	142	40
>SMO-A324TYYALMAGVV	8	>SMO-A324TYYTLMAGVV	10	2
>SMO-A324TYYALMAGVV	4	>SMO-A324TYYTLMAGVV	4	0
>SMO-A324TVYYALMAGV	70	>SMO-A324TVYYTLMAGV	77	7
>SMO-A324TVYYALMAGV	472	>SMO-A324TVYYTLMAGV	1329	857
>SMO-A324TVYYALMAGV	96	>SMO-A324TVYYTLMAGV	187	91
>SMO-A324TVYYALMAGV	185	>SMO-A324TVYYTLMAGV	527	342
>SMO-A324TVYYALMAGV	325	>SMO-A324TVYYTLMAGV	601	276
>SMO-A324TVYYALMAGV	143	>SMO-A324TVYYTLMAGV	369	226
>SMO-A324TVYYALMAGV	51	>SMO-A324TVYYTLMAGV	155	104
>SMO-A324TVYYALMAGV	270	>SMO-A324TVYYTLMAGV	674	404
>SMO-A324TVYYALMAGV	73	>SMO-A324TVYYTLMAGV	177	104
>SMO-A324TVYYALMAGV	92	>SMO-A324TVYYTLMAGV	150	58
>SMO-A324TVYYALMAGV	282	>SMO-A324TVYYTLMAGV	243	39
>SMO-A324TVYYALMAGV	376	>SMO-A324TVYYTLMAGV	696	320
>SMO-A324TVYYALMAGV	298	>SMO-A324TVYYTLMAGV	497	199
>SMO-A324TVYYALMAGV	16	>SMO-A324TVYYTLMAGV	24	8
>SMO-A324TIVYYALMAGV	600	>SMO-A324TIVYYTLMAGV	474	126
>SMO-A324TIVYYALMAGV	146	>SMO-A324TIVYYTLMAGV	168	22
>SMO-A324TIVYYALMA	663	>SMO-A324TIVYYTLMA	485	178
>SMO-A324TIVYYALMAGV	110	>SMO-A324TIVYYTLMAGV	126	16
>SMO-A324TIVYYALMAGV	70	>SMO-A324TIVYYTLMAGV	92	22
>SMO-A324TIVYYALMAGV	476	>SMO-A324TIVYYTLMAGV	748	272
>SMO-A324TIVYYALMA	123	>SMO-A324TIVYYTLMA	97	26
>SMO-A324TIVYYALMAGV	24	>SMO-A324TIVYYTLMAGV	21	3
>SMO-A324TIVYYALMAGV	26	>SMO-A324TIVYYTLMAGV	28	2
>SMO-A324TIVYYALMA	163	>SMO-A324TIVYYTLMA	225	62
>SMO-A324TIVYYALMAGV	63	>SMO-A324TIVYYTLMAGV	49	14
>SMO-A324TIVYYALMAGV	82	>SMO-A324TIVYYTLMAGV	115	33
>SMO-A324TIVYYALMAGV	15	>SMO-A324TIVYYTLMAGV	11	4
>SMO-A324TIVYYALMAGV	165	>SMO-A324TIVYYTLMAGV	102	63
>SMO-A324TIVYYALMAGV	73	>SMO-A324TIVYYTLMAGV	48	25
>SMO-A324TIVYYALMAGV	57	>SMO-A324TIVYYTLMAGV	61	4
>SMO-A324TIVYYALMAGV	191	>SMO-A324TIVYYTLMAGV	240	49
>SMO-A324TIVYYALMAGV	12	>SMO-A324TIVYYTLMAGV	11	1
>SMO-A324TIVYYALMAGV	119	>SMO-A324TIVYYTLMAGV	112	7
>SMO-A324TIVYYALMAGV	39	>SMO-A324TIVYYTLMAGV	74	35
>SMO-A324TIVYYALMAGV	104	>SMO-A324TIVYYTLMAGV	241	137
>SMO-A324TIVYYALMAGV	19	>SMO-A324TIVYYTLMAGV	24	5
>SMO-A324TIVYYALMAGV	337	>SMO-A324TIVYYTLMAGV	367	30
>SMO-A324TIVYYALMAGV	361	>SMO-A324TIVYYTLMAGV	199	162
>SMO-A324TIVYYALM	12	>SMO-A324TIVYYTLM	33	21

>SMO-A324T VIVYYALMAC	332	>SMO-A324T VIVYYTLMAG	273	59
>SMO-A324T VIVYYALMAC	125	>SMO-A324T VIVYYTLMAG	71	54
>SMO-A324T VIVYYALMAC	75	>SMO-A324T VIVYYTLMAG	53	22
>SMO-A324T VIVYYALMA	931	>SMO-A324T VIVYYTLMA	411	520
>SMO-A324T VIVYYALMAC	24	>SMO-A324T VIVYYTLMAG	19	5
>SMO-A324T VIVYYALMA	499	>SMO-A324T VIVYYTLMA	429	70
>SMO-A324T VIVYYALMAC	14	>SMO-A324T VIVYYTLMAG	15	1
>SMO-A324T VIVYYALMAC	37	>SMO-A324T VIVYYTLMAG	35	2
>SMO-A324T VIVYYALMAC	239	>SMO-A324T VIVYYTLMAG	168	71
>SMO-A324T VIVYYALMAC	375	>SMO-A324T VIVYYTLMAG	317	58
>SMO-A324T VIVYYALMAC	806	>SMO-A324T VIVYYTLMAG	483	323
>SMO-A324T VIVYYALMAC	19	>SMO-A324T VIVYYTLMAG	16	3
>SMO-A324T VIVYYALMAC	128	>SMO-A324T VIVYYTLMAG	90	38
>SMO-A324T VIVYYALMAC	115	>SMO-A324T VIVYYTLMAG	111	4
>SMO-A324T FVIVYYALM	2233	>SMO-A324T FVIVYYTLM	471	1762
>SMO-A324T FVIVYYAL	16	>SMO-A324T FVIVYYTL	24	8
>SMO-A324T FVIVYYALM	16	>SMO-A324T FVIVYYTLM	19	3
>SMO-A324T FVIVYYAL	25	>SMO-A324T FVIVYYTL	26	1
>SMO-A324T FVIVYYALM	86	>SMO-A324T FVIVYYTLM	103	17
>SMO-A324T FVIVYYALMA	569	>SMO-A324T FVIVYYTLMA	350	219
>SMO-A324T FVIVYYAL	9	>SMO-A324T FVIVYYTL	16	7
>SMO-A324T FVIVYYALM	41	>SMO-A324T FVIVYYTLM	39	2
>SMO-A324T FVIVYYALMA	282	>SMO-A324T FVIVYYTLMA	189	93
>SMO-A324T FVIVYYAL	39	>SMO-A324T FVIVYYTL	53	14
>SMO-A324T FVIVYYALM	137	>SMO-A324T FVIVYYTLM	150	13
>SMO-A324T FVIVYYALMA	302	>SMO-A324T FVIVYYTLMA	130	172
>SMO-A324T FVIVYYAL	7	>SMO-A324T FVIVYYTL	10	3
>SMO-A324T FVIVYYALM	40	>SMO-A324T FVIVYYTLM	34	6
>SMO-A324T FVIVYYALMA	90	>SMO-A324T FVIVYYTLMA	62	28
>SMO-A324T FVIVYYAL	59	>SMO-A324T FVIVYYTL	55	4
>SMO-A324T FVIVYYAL	65	>SMO-A324T FVIVYYTL	62	3
>SMO-A324T FVIVYYAL	1205	>SMO-A324T FVIVYYTL	449	756
>SMO-A324T FVIVYYAL	82	>SMO-A324T FVIVYYTL	31	51
>SMO-A324T FVIVYYAL	989	>SMO-A324T FVIVYYTL	369	620
>SMO-A324T FVIVYYAL	472	>SMO-A324T FVIVYYTL	1966	1494
>SMO-A324T FVIVYYALM	15	>SMO-A324T FVIVYYTLM	31	16
>SMO-A324T FVIVYYAL	170	>SMO-A324T FVIVYYTL	600	430
>SMO-A324T FVIVYYALM	55	>SMO-A324T FVIVYYTLM	355	300
>SMO-A324T FVIVYYALM	175	>SMO-A324T FVIVYYTLM	384	209
>SMO-A324T FVIVYYAL	18	>SMO-A324T FVIVYYTL	25	7
>SMO-A324T FVIVYYALM	109	>SMO-A324T FVIVYYTLM	232	123
>SMO-A324T FVIVYYAL	69	>SMO-A324T FVIVYYTL	115	46
>SMO-A324T FVIVYYALM	84	>SMO-A324T FVIVYYTLM	224	140

>SMO-A324T FVIVYYALMA	126	>SMO-A324T FVIVYYTLMA	146	20
>SMO-A324T FVIVYYAL	357	>SMO-A324T FVIVYYTL	528	171
>SMO-A324T FVIVYYALM	877	>SMO-A324T FVIVYYTLM	461	416
>SMO-A324T FVIVYYAL	220	>SMO-A324T FVIVYYTL	462	242
>SMO-A324T FVIVYYALM	209	>SMO-A324T FVIVYYTLM	303	94
>SMO-A324T FVIVYYAL	47	>SMO-A324T FVIVYYTL	140	93
>SMO-A324T FVIVYYAL	282	>SMO-A324T FVIVYYTL	739	457
>SMO-A324T FVIVYYALM	140	>SMO-A324T FVIVYYTLM	57	83
>SMO-A324T IFVIVYYAL	478	>SMO-A324T IFVIVYYTL	742	264
>SMO-A324T IFVIVYYAL	33	>SMO-A324T IFVIVYYTL	17	16
>SMO-A324T IFVIVYYAL	332	>SMO-A324T IFVIVYYTL	43	289
>SMO-A324T IFVIVYYAL	109	>SMO-A324T IFVIVYYTL	52	57
>SMO-A324T IFVIVYYAL	420	>SMO-A324T IFVIVYYTL	422	2
>SMO-A324T IFVIVYYA	401	>SMO-A324T IFVIVYYT	1211	810
>SMO-A324T IFVIVYYAL	198	>SMO-A324T IFVIVYYTL	225	27
>SMO-A324T IIFVIVYYALM	29	>SMO-A324T IIFVIVYYTLM	34	5
>SMO-A324T IIFVIVYYA	21	>SMO-A324T IIFVIVYYT	71	50
>SMO-A324T IIFVIVYYAL	245	>SMO-A324T IIFVIVYYTL	178	67
>SMO-A324T IIFVIVYYALM	146	>SMO-A324T IIFVIVYYTLM	201	55
>SMO-A324T IIFVIVYYA	14	>SMO-A324T IIFVIVYYT	66	52
>SMO-A324T IIFVIVYYAL	63	>SMO-A324T IIFVIVYYTL	49	14
>SMO-A324T IIFVIVYYALM	84	>SMO-A324T IIFVIVYYTLM	81	3
>SMO-A324T IIFVIVYYA	70	>SMO-A324T IIFVIVYYT	776	706
>SMO-A324T IIFVIVYYAL	347	>SMO-A324T IIFVIVYYTL	304	43
>SMO-A324T IIFVIVYYA	185	>SMO-A324T IIFVIVYYT	711	526
>SMO-A324T IIFVIVYYAL	167	>SMO-A324T IIFVIVYYTL	182	15
>SMO-A324T IIFVIVYYA	9	>SMO-A324T IIFVIVYYT	41	32
>SMO-A324T IIFVIVYYAL	9	>SMO-A324T IIFVIVYYTL	8	1
>SMO-A324T IIFVIVYYALM	263	>SMO-A324T IIFVIVYYTLM	486	223
>SMO-A324T IIFVIVYYAL	291	>SMO-A324T IIFVIVYYTL	178	113
>SMO-A324T IIFVIVYYA	108	>SMO-A324T IIFVIVYYT	1040	932
>SMO-A324T IIFVIVYYAL	152	>SMO-A324T IIFVIVYYTL	59	93
>SMO-A324T IIFVIVYYA	41	>SMO-A324T IIFVIVYYT	458	417
>SMO-A324T IIFVIVYYAL	202	>SMO-A324T IIFVIVYYTL	121	81
>SMO-A324T IIFVIVYYA	148	>SMO-A324T IIFVIVYYT	1912	1764
>SMO-A324T IIFVIVYYAL	109	>SMO-A324T IIFVIVYYTL	40	69
>SMO-A324T IIFVIVYYAL	25	>SMO-A324T IIFVIVYYTL	16	9
>SMO-A324T IIFVIVYYA	18	>SMO-A324T IIFVIVYYT	139	121
>SMO-A324T IIFVIVYYAL	306	>SMO-A324T IIFVIVYYTL	480	174
>SMO-A324T IIFVIVYYALM	391	>SMO-A324T IIFVIVYYTLM	248	143
>SMO-A324T IIFVIVYYALM	46	>SMO-A324T IIFVIVYYTLM	26	20
>SMO-A324T IIFVIVYYAL	449	>SMO-A324T IIFVIVYYTL	550	101
>SMO-A324T VIIFVIVYYAL	445	>SMO-A324T VIIFVIVYYTL	437	8

>SMO-A324T VIIFVIVYYA	206	>SMO-A324T VIIFVIVYYT	618	412
>SMO-A324T VIIFVIVYYAL	111	>SMO-A324T VIIFVIVYYTL	110	1
>SMO-A324T VIIFVIVYYA	253	>SMO-A324T VIIFVIVYYT	722	469
>SMO-A324T VIIFVIVYYAL	71	>SMO-A324T VIIFVIVYYTL	150	79
>SMO-A324T VIIFVIVYYAL	162	>SMO-A324T VIIFVIVYYTL	229	67
>SMO-A324T VIIFVIVYYA	220	>SMO-A324T VIIFVIVYYT	612	392
>SMO-A324T VIIFVIVYYAL	84	>SMO-A324T VIIFVIVYYTL	186	102
>SMO-A324T VIIFVIVYYA	16	>SMO-A324T VIIFVIVYYT	83	67
>SMO-A324T VIIFVIVYYAL	16	>SMO-A324T VIIFVIVYYTL	13	3
>SMO-A324T VIIFVIVYYA	461	>SMO-A324T VIIFVIVYYT	4597	4136
>SMO-A324T VIIFVIVYYAL	265	>SMO-A324T VIIFVIVYYTL	156	109
>SMO-A324T VIIFVIVYYA	326	>SMO-A324T VIIFVIVYYT	3211	2885
>SMO-A324T VIIFVIVYYAL	536	>SMO-A324T VIIFVIVYYTL	181	355
>SMO-A324T VIIFVIVYYA	355	>SMO-A324T VIIFVIVYYT	2464	2109
>SMO-A324T VIIFVIVYYA	402	>SMO-A324T VIIFVIVYYT	3861	3459
>SMO-A324T VIIFVIVYYAL	260	>SMO-A324T VIIFVIVYYTL	99	161
>SMO-A324T VIIFVIVYYAL	889	>SMO-A324T VIIFVIVYYTL	309	580
>SMO-A324T VIIFVIVYYAL	228	>SMO-A324T VIIFVIVYYTL	116	112
>SMO-A324T VIIFVIVYYA	81	>SMO-A324T VIIFVIVYYT	241	160
>SMO-A324T VIIFVIVYYAL	68	>SMO-A324T VIIFVIVYYTL	114	46
>SMO-A652\QANLWLVEA	840	>SMO-A652\QVNLWLVEA	110	730
>SMO-A652\QANLWLVEA	362	>SMO-A652\QVNLWLVEA	53	309
>SMO-A652\QANLWLVEA	978	>SMO-A652\QVNLWLVEA	425	553
>SMO-A652\QANLWLVEA	987	>SMO-A652\QVNLWLVEA	467	520
>SMO-A652\VATPVPPEEC	6026	>SMO-A652\VATPVPPEEC	169	5857
>SMO-A652\VATPVPPEEC	9675	>SMO-A652\VATPVPPEEC	424	9251
>SMO-A652\VATPVPPEEC	8322	>SMO-A652\VATPVPPEEC	57	8265
>SMO-A652\EQANLWLVLV	363	>SMO-A652\EQVNLWLVLV	1482	1119
>SMO-A652\EQANLWLVLV	11	>SMO-A652\EQVNLWLVLV	9	2
>SMO-A652\EQANLWLVE.	822	>SMO-A652\EQVNLWLVE.	400	422
>SMO-A652\EQANLWLVLV	299	>SMO-A652\EQVNLWLVLV	369	70
>SMO-A652\EQANLWLVLV	158	>SMO-A652\EQVNLWLVLV	641	483
>SMO-A652\EQANLWLVLV	479	>SMO-A652\EQVNLWLVLV	1891	1412
>SMO-A652\EQANLWLVLV	96	>SMO-A652\EQVNLWLVLV	375	279
>SMO-A652\EQANLWLVLV	259	>SMO-A652\EQVNLWLVLV	491	232
>SMO-A652\EEQANLWL	30	>SMO-A652\EEQVNLWL	16	14
>SMO-A652\EEQANLWLVLV	249	>SMO-A652\EEQVNLWLVLV	134	115
>SMO-A652\EEQANLWL	160	>SMO-A652\EEQVNLWL	336	176
>SMO-A652\EEQANLWLVLV	453	>SMO-A652\EEQVNLWLVLV	790	337
>SMO-A652\EEQANLWL	272	>SMO-A652\EEQVNLWL	333	61
>SMO-A652\EEQANLWL	167	>SMO-A652\EEQVNLWL	230	63
>SMO-A652\EEQANLWLVLV	15	>SMO-A652\EEQVNLWLVLV	22	7
>SMO-A652\EEQANLWLVLV	281	>SMO-A652\EEQVNLWLVLV	363	82

>SMO-A652\ EEQANLWLV	7	>SMO-A652\ EEQVNLWLV	9	2
>SMO-A652\ EEQANLWLV	70	>SMO-A652\ EEQVNLWLV	65	5
>SMO-A652\ PEEQANLWL'	709	>SMO-A652\ PEEQVNLWL'	498	211
>SMO-A652\ PEEQANLWL	146	>SMO-A652\ PEEQVNLWL	152	6
>SMO-A652\ PEEQANLW	264	>SMO-A652\ PEEQVNLW	281	17
>SMO-A652\ PEEQANLWL'	401	>SMO-A652\ PEEQVNLWL'	341	60
>SMO-A652\ PPEEQANLW	40	>SMO-A652\ PPEEQVNLW	20	20
>SMO-A652\ PPEEQANLW	21	>SMO-A652\ PPEEQVNLW	11	10
>SMO-A652\ VPPEEQANL	110	>SMO-A652\ VPPEEQVNL	25	85
>SMO-A652\ VPPEEQANLV	140	>SMO-A652\ VPPEEQVNLV	197	57
>SMO-A652\ VPPEEQANL	221	>SMO-A652\ VPPEEQVNL	719	498
>SMO-A652\ VPPEEQANLV	50	>SMO-A652\ VPPEEQVNLV	89	39
>SMO-A652\ VPPEEQANLV	46	>SMO-A652\ VPPEEQVNLV	29	17
>SMO-A652\ PVPPEEQA	13957	>SMO-A652\ PVPPEEQV	297	13660
>SMO-A652\ TPVPPEEQAN	160	>SMO-A652\ TPVPPEEQVN	58	102
>SMO-A652\ TPVPPEEQA	297	>SMO-A652\ TPVPPEEQV	1588	1291
>SMO-A652\ ATPVPPEEQA	7847	>SMO-A652\ ATPVPPEEQV	228	7619
>SMO-A652\ ATPVPPEEQA	17278	>SMO-A652\ ATPVPPEEQV	493	16785
>SMO-A652\ ATPVPPEEQA	2514	>SMO-A652\ ATPVPPEEQV	294	2220
>SMO-A652\ ATPVPPEEQA	2088	>SMO-A652\ ATPVPPEEQV	71	2017
>SMO-A68V- APCEPLRYNV	279	>SMO-A68V- VPCEPLRYNV	231	48
>SMO-A68V- APCEPLRY	307	>SMO-A68V- VPCEPLRY	115	192
>SMO-A68V- APCEPLRYNV	2824	>SMO-A68V- VPCEPLRYNV	402	2422
>SMO-A68V- AAPCEPLRYN	2886	>SMO-A68V- AVPCEPLRYN	460	2426
>SMO-A68V- AAPCEPLRYN	1791	>SMO-A68V- AVPCEPLRYN	365	1426
>SMO-A68V- AAPCEPLRYN	2570	>SMO-A68V- AVPCEPLRYN	207	2363
>SMO-A68V- AAPCEPLRY	544	>SMO-A68V- AVPCEPLRY	58	486
>SMO-A68V- AAPCEPLRYN	402	>SMO-A68V- AVPCEPLRYN	121	281
>SMO-A68V- AAPCEPLRY	681	>SMO-A68V- AVPCEPLRY	47	634
>SMO-A68V- RAAPCEPL	401	>SMO-A68V- RAVPCEPL	294	107
>SMO-A68V- RAAPCEPLRY	282	>SMO-A68V- RAVPCEPLRY	578	296
>SMO-A68V- RAAPCEPLR	30	>SMO-A68V- RAVPCEPLR	32	2
>SMO-A68V- RAAPCEPLR	204	>SMO-A68V- RAVPCEPLR	373	169
>SMO-A68V- RAAPCEPLRY	85	>SMO-A68V- RAVPCEPLRY	132	47
>SMO-A68V- RAAPCEPL	111	>SMO-A68V- RAVPCEPL	840	729
>SMO-A68V- RAAPCEPLRY	405	>SMO-A68V- RAVPCEPLRY	357	48
>SMO-A68V- RAAPCEPL	20	>SMO-A68V- RAVPCEPL	10	10
>SMO-A68V- RAAPCEPLRY	4	>SMO-A68V- RAVPCEPLRY	3	1
>SMO-A68V- RAAPCEPLRY	118	>SMO-A68V- RAVPCEPLRY	114	4
>SMO-A68V- RAAPCEPL	341	>SMO-A68V- RAVPCEPL	615	274
>SMO-A68V- RAAPCEPLRY	18	>SMO-A68V- RAVPCEPLRY	22	4
>SMO-A68V- RAAPCEPLRY	188	>SMO-A68V- RAVPCEPLRY	482	294
>SMO-A68V- RAAPCEPLR	104	>SMO-A68V- RAVPCEPLR	84	20

>SMO-A68V- RAAPCEPL	136	>SMO-A68V- RAVPCEPL	470	334
>SMO-A68V- GRAAPCEPLR	396	>SMO-A68V- GRAVPCEPLR	568	172
>SMO-A68V- GRAAPCEPLR	147	>SMO-A68V- GRAVPCEPLR	260	113
>SMO-A68V- GRAAPCEPL	275	>SMO-A68V- GRAVPCEPL	167	108
>SMO-A68V- LSHCGRAA	320	>SMO-A68V- LSHCGRAV	598	278
>SMO-A68V- PLSHCGRAA	10388	>SMO-A68V- PLSHCGRAV	179	10209
>SMO-A68V- PPLSHCGRAA	491	>SMO-A68V- PPLSHCGRAV	1298	807
>SMO-D473† DFFNQA EW	2496	>SMO-D473† HFFNQA EW	44	2452
>SMO-D473† DFFNQA EWE	189	>SMO-D473† HFFNQA EWE	47	142
>SMO-D473† DFFNQA EWE	36	>SMO-D473† HFFNQA EWE	171	135
>SMO-D473† DFFNQA EWE	61	>SMO-D473† HFFNQA EWE	44	17
>SMO-D473† DFFNQA EW	8014	>SMO-D473† HFFNQA EW	491	7523
>SMO-D473† DFFNQA EW	10110	>SMO-D473† HFFNQA EW	193	9917
>SMO-D473† DFFNQA EWE	485	>SMO-D473† HFFNQA EWE	135	350
>SMO-D473† DFFNQA EWE	131	>SMO-D473† HFFNQA EWE	27	104
>SMO-D473† YDFFNQA EW	67	>SMO-D473† YHFFNQA EW	58	9
>SMO-D473† YDFFNQA EW	5491	>SMO-D473† YHFFNQA EW	309	5182
>SMO-D473† YDFFNQA EW	15747	>SMO-D473† YHFFNQA EW	226	15521
>SMO-D473† YDFFNQA EW	1226	>SMO-D473† YHFFNQA EW	7	1219
>SMO-D473† YDFFNQA EW	825	>SMO-D473† YHFFNQA EW	308	517
>SMO-D473† FYDFFNQA EV	441	>SMO-D473† FYHFFNQA EV	369	72
>SMO-D473† FYDFFNQA	1511	>SMO-D473† FYHFFNQA	212	1299
>SMO-D473† FYDFFNQA EV	23	>SMO-D473† FYHFFNQA EV	8	15
>SMO-D473† FYDFFNQA EV	375	>SMO-D473† FYHFFNQA EV	347	28
>SMO-D473† FYDFFNQA EV	954	>SMO-D473† FYHFFNQA EV	151	803
>SMO-D473† HFYDFFNQA	349	>SMO-D473† HFYHFFNQA	348	1
>SMO-D473† HFYDFFNQA	190	>SMO-D473† HFYHFFNQA	586	396
>SMO-D473† HFYDFFNQA E	184	>SMO-D473† HFYHFFNQA E	140	44
>SMO-D473† HFYDFFNQA E	48	>SMO-D473† HFYHFFNQA E	32	16
>SMO-D473† HFYDFFNQA	986	>SMO-D473† HFYHFFNQA	446	540
>SMO-D473† HFYDFFNQA	442	>SMO-D473† HFYHFFNQA	356	86
>SMO-D473† HFYDFFNQA E	236	>SMO-D473† HFYHFFNQA E	118	118
>SMO-D473† HFYDFFNQA E	412	>SMO-D473† HFYHFFNQA E	278	134
>SMO-D473† HFYDFFNQ	64	>SMO-D473† HFYHFFNQ	75	11
>SMO-D473† HFYDFFNQA	460	>SMO-D473† HFYHFFNQA	681	221
>SMO-D473† SCHFYDFFNC	1162	>SMO-D473† SCHFYHFFNC	252	910
>SMO-D473† FSCHFYDF	876	>SMO-D473† FSCHFYHF	339	537
>SMO-D473† FSCHFYDF	645	>SMO-D473† FSCHFYHF	300	345
>SMO-D473† FSCHFYDFF	116	>SMO-D473† FSCHFYHFF	85	31
>SMO-D473† FSCHFYDF	1501	>SMO-D473† FSCHFYHF	402	1099
>SMO-D473† FSCHFYDFF	314	>SMO-D473† FSCHFYHFF	203	111
>SMO-D473† FSCHFYDF	491	>SMO-D473† FSCHFYHF	277	214
>SMO-D473† FSCHFYDFF	1380	>SMO-D473† FSCHFYHFF	178	1202



>SMO-D473† FSCHFYDFFN	2227	>SMO-D473† FSCHFYHFFN	473	1754
>SMO-D473† FSCHFYDFFN	926	>SMO-D473† FSCHFYHFFN	249	677
>SMO-D473† FSCHFYDF	407	>SMO-D473† FSCHFYHF	81	326
>SMO-D473† FSCHFYDF	889	>SMO-D473† FSCHFYHFF	405	484
>SMO-D473† FSCHFYDF	23	>SMO-D473† FSCHFYHF	17	6
>SMO-D473† FSCHFYDF	34	>SMO-D473† FSCHFYHFF	15	19
>SMO-D473† FSCHFYDF	48	>SMO-D473† FSCHFYHF	18	30
>SMO-D473† FSCHFYDF	83	>SMO-D473† FSCHFYHFF	20	63
>SMO-D473† FSCHFYDF	1416	>SMO-D473† FSCHFYHF	73	1343
>SMO-D473† FSCHFYDF	173	>SMO-D473† FSCHFYHFF	32	141
>SMO-D473† FSCHFYDF	306	>SMO-D473† FSCHFYHFF	55	251
>SMO-D473† FSCHFYDF	784	>SMO-D473† FSCHFYHF	454	330
>SMO-D473† FSCHFYDF	111	>SMO-D473† FSCHFYHFF	112	1
>SMO-D473† FSCHFYDF	537	>SMO-D473† FSCHFYHFF	349	188
>SMO-D473† TFSCHFYDF	16	>SMO-D473† TFSCHFYHF	12	4
>SMO-D473† TFSCHFYDF	149	>SMO-D473† TFSCHFYHFF	31	118
>SMO-D473† TFSCHFYDF	88	>SMO-D473† TFSCHFYHF	59	29
>SMO-D473† TFSCHFYDF	277	>SMO-D473† TFSCHFYHFF	95	182
>SMO-D473† TFSCHFYDF	19	>SMO-D473† TFSCHFYHF	12	7
>SMO-D473† TFSCHFYDF	10	>SMO-D473† TFSCHFYHFF	9	1
>SMO-D473† TFSCHFYD	7949	>SMO-D473† TFSCHFYH	181	7768
>SMO-D473† TFSCHFYDF	49	>SMO-D473† TFSCHFYHF	35	14
>SMO-D473† TFSCHFYDF	112	>SMO-D473† TFSCHFYHFF	55	57
>SMO-D473† TFSCHFYD	5610	>SMO-D473† TFSCHFYH	261	5349
>SMO-D473† TFSCHFYDF	3678	>SMO-D473† TFSCHFYHF	319	3359
>SMO-D473† TFSCHFYDF	482	>SMO-D473† TFSCHFYHF	281	201
>SMO-D473† TFSCHFYDF	425	>SMO-D473† TFSCHFYHFF	228	197
>SMO-D473† ITFSCHFYDF	90	>SMO-D473† ITFSCHFYHFF	90	0
>SMO-D473† ITFSCHFYDF	201	>SMO-D473† ITFSCHFYHF	515	314
>SMO-D473† ITFSCHFYDF	282	>SMO-D473† ITFSCHFYHFF	141	141
>SMO-D473† ITFSCHFYDF	384	>SMO-D473† ITFSCHFYHFF	276	108
>SMO-D473† ITFSCHFYD	11757	>SMO-D473† ITFSCHFYH	155	11602
>SMO-D473† ITFSCHFYD	3672	>SMO-D473† ITFSCHFYH	20	3652
>SMO-D473† ITFSCHFYDF	669	>SMO-D473† ITFSCHFYHF	252	417
>SMO-D473† ITFSCHFYDF	126	>SMO-D473† ITFSCHFYHFF	43	83
>SMO-D473† ITFSCHFYDF	382	>SMO-D473† ITFSCHFYHFF	133	249
>SMO-D473† ITFSCHFYDF	483	>SMO-D473† ITFSCHFYHF	225	258
>SMO-D473† ITFSCHFYDF	163	>SMO-D473† ITFSCHFYHFF	117	46
>SMO-D473† ITFSCHFYD	4786	>SMO-D473† ITFSCHFYH	61	4725
>SMO-D473† ITFSCHFYDF	119	>SMO-D473† ITFSCHFYHF	60	59
>SMO-D473† ITFSCHFYDF	137	>SMO-D473† ITFSCHFYHFF	31	106
>SMO-D473† ITFSCHFYD	4513	>SMO-D473† ITFSCHFYH	283	4230
>SMO-D473† ITFSCHFYDF	460	>SMO-D473† ITFSCHFYHFF	83	377

>SMO-D473F ITFSCHFYD	348	>SMO-D473F ITFSCHFYH	15	333
>SMO-D473F ITFSCHFYDF	553	>SMO-D473F ITFSCHFYHFF	97	456
>SMO-D473F ITFSCHFYDF	24	>SMO-D473F ITFSCHFYHF	49	25
>SMO-D473F ITFSCHFYDF	244	>SMO-D473F ITFSCHFYHFF	179	65
>SMO-D473F ITFSCHFYD	1375	>SMO-D473F ITFSCHFYH	485	890
>SMO-D473F ITFSCHFYD	573	>SMO-D473F ITFSCHFYH	26	547
>SMO-D473F ITFSCHFYDF	98	>SMO-D473F ITFSCHFYHFF	54	44
>SMO-D473F ITFSCHFYDF	172	>SMO-D473F ITFSCHFYHF	48	124
>SMO-D473F ITFSCHFYDF	456	>SMO-D473F ITFSCHFYHFF	265	191
>SMO-D473F ITFSCHFYDF	7	>SMO-D473F ITFSCHFYHF	6	1
>SMO-D473F ITFSCHFYDF	11	>SMO-D473F ITFSCHFYHFF	6	5
>SMO-D473F ITFSCHFYD	3045	>SMO-D473F ITFSCHFYH	95	2950
>SMO-D473F ITFSCHFYDF	6	>SMO-D473F ITFSCHFYHF	4	2
>SMO-D473F ITFSCHFYDF	6	>SMO-D473F ITFSCHFYHFF	4	2
>SMO-D473F ITFSCHFYD	2488	>SMO-D473F ITFSCHFYH	285	2203
>SMO-D473F ITFSCHFYDF	90	>SMO-D473F ITFSCHFYHF	58	32
>SMO-D473F ITFSCHFYDF	55	>SMO-D473F ITFSCHFYHFF	41	14
>SMO-D473F ITFSCHFYDF	191	>SMO-D473F ITFSCHFYHF	24	167
>SMO-D473F ITFSCHFYDF	31	>SMO-D473F ITFSCHFYHFF	17	14
>SMO-D473F ITFSCHFYD	854	>SMO-D473F ITFSCHFYH	399	455
>SMO-D473F ITFSCHFYDF	45	>SMO-D473F ITFSCHFYHF	26	19
>SMO-D473F ITFSCHFYDF	25	>SMO-D473F ITFSCHFYHFF	11	14
>SMO-D473F ITFSCHFYD	247	>SMO-D473F ITFSCHFYH	6	241
>SMO-D473F ITFSCHFYDF	3	>SMO-D473F ITFSCHFYHFF	3	0
>SMO-D473F ITFSCHFYD	776	>SMO-D473F ITFSCHFYH	118	658
>SMO-D473F ITFSCHFYDF	225	>SMO-D473F ITFSCHFYHF	217	8
>SMO-D473F ITFSCHFYDF	789	>SMO-D473F ITFSCHFYHFF	325	464
>SMO-D473F LITFSCHFYDF	426	>SMO-D473F LITFSCHFYHF	201	225
>SMO-D473F LITFSCHFYDF	391	>SMO-D473F LITFSCHFYHF	339	52
>SMO-D473F LITFSCHFYD	2081	>SMO-D473F LITFSCHFYH	149	1932
>SMO-D473F LITFSCHFYDF	1372	>SMO-D473F LITFSCHFYHF	182	1190
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>SMO-K575N KRHELLQN	202	>SMO-K575N MRHELLQN	5809	5607
>SMO-K575N SKRHELLQNP	5627	>SMO-K575N SMRHELLQN	254	5373
>SMO-K575N KSKMIAKAFS	139	>SMO-K575N KSKMIAKAFS	19540	19401
>SMO-K575N KSKMIAKAFS	76	>SMO-K575N KSKMIAKAFS	18139	18063
>SMO-K575N KSKMIAKAFS	4	>SMO-K575N KSKMIAKAFS	17	13
>SMO-K575N KSKMIAKAFS	40	>SMO-K575N KSKMIAKAFS	3483	3443
>SMO-K575N KSKMIAKAFS	4293	>SMO-K575N KSKMIAKAFS	269	4024
>SMO-K575N KSKMIAKAFS	4623	>SMO-K575N KSKMIAKAFS	9	4614
>SMO-K575N KSKMIAKAFS	14790	>SMO-K575N KSKMIAKAFS	299	14491
>SMO-K575N KSKMIAKAFS	20193	>SMO-K575N KSKMIAKAFS	480	19713
>SMO-K575N KSKMIAKAFS	5693	>SMO-K575N KSKMIAKAFS	43	5650

>SMO-K575N FSKRHELL	5285	>SMO-K575N FSMRHELL	271	5014
>SMO-K575N FSKRHELL	2774	>SMO-K575N FSMRHELL	65	2709
>SMO-K575N FSKRHELL	8809	>SMO-K575N FSMRHELL	284	8525
>SMO-K575N FSKRHELL	10455	>SMO-K575N FSMRHELL	438	10017
>SMO-K575N FSKRHELL	234	>SMO-K575N FSMRHELL	378	144
>SMO-K575N FSKRHELL	1080	>SMO-K575N FSMRHELL	444	636
>SMO-K575N FSKRHELL	694	>SMO-K575N FSMRHELL	183	511
>SMO-K575N FSKRHELL	8517	>SMO-K575N FSMRHELL	228	8289
>SMO-K575N FSKRHELL	373	>SMO-K575N FSMRHELL	241	132
>SMO-K575N FSKRHELL	2455	>SMO-K575N FSMRHELL	382	2073
>SMO-K575N AFSKRHEL	151	>SMO-K575N AFSMRHEL	296	145
>SMO-K575N AFSKRHEL	364	>SMO-K575N AFSMRHEL	337	27
>SMO-K575N AFSKRHELL	329	>SMO-K575N AFSMRHELL	321	8
>SMO-K575N AFSKRHEL	904	>SMO-K575N AFSMRHEL	437	467
>SMO-K575N KAFSKRHEL	350	>SMO-K575N KAFSMRHEL	421	71
>SMO-K575N KAFSKRHEL	520	>SMO-K575N KAFSMRHEL	235	285
>SMO-K575N KAFSKRHELL	474	>SMO-K575N KAFSMRHELL	288	186
>SMO-K575N KAFSKRHEL	1026	>SMO-K575N KAFSMRHEL	412	614
>SMO-K575N KAFSKRHEL	244	>SMO-K575N KAFSMRHEL	203	41
>SMO-K575N KAFSKRHELL	545	>SMO-K575N KAFSMRHELL	490	55
>SMO-K575N KAFSKRHEL	349	>SMO-K575N KAFSMRHEL	351	2
>SMO-K575N KAFSKRHEL	707	>SMO-K575N KAFSMRHEL	181	526
>SMO-K575N KAFSKRHELL	604	>SMO-K575N KAFSMRHELL	223	381
>SMO-K575N KAFSKRHEL	236	>SMO-K575N KAFSMRHEL	193	43
>SMO-K575N KAFSKRHELL	527	>SMO-K575N KAFSMRHELL	412	115
>SMO-K575N KAFSKRHEL	28	>SMO-K575N KAFSMRHEL	34	6
>SMO-K575N KAFSKRHELL	51	>SMO-K575N KAFSMRHELL	56	5
>SMO-K575N KAFSKRHEL	417	>SMO-K575N KAFSMRHEL	348	69
>SMO-K575N KAFSKRHELL	352	>SMO-K575N KAFSMRHELL	362	10
>SMO-K575N KAFSKRHEL	460	>SMO-K575N KAFSMRHEL	102	358
>SMO-K575N KAFSKRHELL	392	>SMO-K575N KAFSMRHELL	151	241
>SMO-K575N KAFSKRHEL	1865	>SMO-K575N KAFSMRHEL	351	1514
>SMO-K575N AKAFSKRHEL	104	>SMO-K575N AKAFSMRHEI	71	33
>SMO-K575N AKAFSKRHEL	212	>SMO-K575N AKAFSMRHEI	144	68
>SMO-K575N IAKAFSKRHEI	454	>SMO-K575N IAKAFSMRHE	194	260
>SMO-K575N IAKAFSKR	19	>SMO-K575N IAKAFSMR	17	2
>SMO-K575N IAKAFSKR	179	>SMO-K575N IAKAFSMR	85	94
>SMO-K575N IAKAFSKR	51	>SMO-K575N IAKAFSMR	27	24
>SMO-K575N IAKAFSKRHEI	312	>SMO-K575N IAKAFSMRHE	582	270
>SMO-K575N IAKAFSKRHEI	543	>SMO-K575N IAKAFSMRHE	384	159
>SMO-K575N IAKAFSKRHEI	143	>SMO-K575N IAKAFSMRHE	165	22
>SMO-K575N IAKAFSKR	460	>SMO-K575N IAKAFSMR	599	139
>SMO-K575N MIAKAFSK	20284	>SMO-K575N MIAKAFSM	427	19857

>SMO-K575N MIAKAFSK	5990	>SMO-K575N MIAKAFSM	41	5949
>SMO-K575N MIAKAFSK	13521	>SMO-K575N MIAKAFSM	348	13173
>SMO-K575N MIAKAFSK	6461	>SMO-K575N MIAKAFSM	38	6423
>SMO-K575N MIAKAFSK	40	>SMO-K575N MIAKAFSM	15309	15269
>SMO-K575N MIAKAFSKR	165	>SMO-K575N MIAKAFSMR	190	25
>SMO-K575N MIAKAFSK	14	>SMO-K575N MIAKAFSM	14348	14334
>SMO-K575N MIAKAFSKR	288	>SMO-K575N MIAKAFSMR	155	133
>SMO-K575N MIAKAFSK	97	>SMO-K575N MIAKAFSM	4550	4453
>SMO-K575N MIAKAFSKR	32	>SMO-K575N MIAKAFSMR	32	0
>SMO-K575N MIAKAFSKR	375	>SMO-K575N MIAKAFSMR	219	156
>SMO-K575N MIAKAFSK	7	>SMO-K575N MIAKAFSM	2518	2511
>SMO-K575N MIAKAFSKR	4	>SMO-K575N MIAKAFSMR	3	1
>SMO-K575N MIAKAFSK	7628	>SMO-K575N MIAKAFSM	113	7515
>SMO-K575N MIAKAFSK	11830	>SMO-K575N MIAKAFSM	121	11709
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>SMO-K575N MIAKAFSK	15604	>SMO-K575N MIAKAFSM	137	15467
>SMO-K575N MIAKAFSKR	115	>SMO-K575N MIAKAFSMR	190	75
>SMO-K575N MIAKAFSK	9681	>SMO-K575N MIAKAFSM	20	9661
>SMO-K575N MIAKAFSK	5011	>SMO-K575N MIAKAFSM	41	4970
>SMO-K575N MIAKAFSK	9698	>SMO-K575N MIAKAFSM	83	9615
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>SMO-K575N MIAKAFSK	5441	>SMO-K575N MIAKAFSM	16	5425
>SMO-K575N MIAKAFSK	12096	>SMO-K575N MIAKAFSM	252	11844
>SMO-K575N MIAKAFSK	19276	>SMO-K575N MIAKAFSM	354	18922
>SMO-K575N MIAKAFSK	4120	>SMO-K575N MIAKAFSM	151	3969
>SMO-K575N MIAKAFSK	28	>SMO-K575N MIAKAFSM	9790	9762
>SMO-K575N MIAKAFSKR	66	>SMO-K575N MIAKAFSMI	46	20
>SMO-K575N MIAKAFSKR	688	>SMO-K575N MIAKAFSMI	135	553
>SMO-K575N MIAKAFSK	10	>SMO-K575N MIAKAFSM	8680	8670
>SMO-K575N MIAKAFSKR	424	>SMO-K575N MIAKAFSMI	307	117
>SMO-K575N MIAKAFSK	25	>SMO-K575N MIAKAFSM	1923	1898
>SMO-K575N MIAKAFSK	20	>SMO-K575N MIAKAFSM	1981	1961
>SMO-K575N MIAKAFSKR	13	>SMO-K575N MIAKAFSMI	11	2
>SMO-K575N MIAKAFSKR	983	>SMO-K575N MIAKAFSMI	477	506
>SMO-K575N MIAKAFSK	632	>SMO-K575N MIAKAFSM	53	579
>SMO-K575N MIAKAFSKR	479	>SMO-K575N MIAKAFSMI	353	126
>SMO-K575N MIAKAFSKR	385	>SMO-K575N MIAKAFSMI	220	165
>SMO-K575N MIAKAFSK	9362	>SMO-K575N MIAKAFSM	72	9290
>SMO-K575N MIAKAFSK	1330	>SMO-K575N MIAKAFSM	47	1283
>SMO-K575N MIAKAFSKR	652	>SMO-K575N MIAKAFSMI	363	289
>SMO-K575N MIAKAFSK	14253	>SMO-K575N MIAKAFSM	30	14223

>SMO-K575N KMIAKAFSK	15208	>SMO-K575N KMIAKAFSM	31	15177
>SMO-K575N KMIAKAFSKR	82	>SMO-K575N KMIAKAFSMI	70	12
>SMO-K575N KMIAKAFSK	154	>SMO-K575N KMIAKAFSM	9425	9271
>SMO-K575N KMIAKAFSKR	18	>SMO-K575N KMIAKAFSMI	25	7
>SMO-K575N SKMIAKAFSK	290	>SMO-K575N SKMIAKAFSN	33132	32842
>SMO-K575N SKMIAKAFSK	1887	>SMO-K575N SKMIAKAFSN	61	1826
>SMO-K575N SKMIAKAFSK	13376	>SMO-K575N SKMIAKAFSN	359	13017
>SMO-K575N SKMIAKAFSK	28268	>SMO-K575N SKMIAKAFSN	376	27892
>SMO-L514F SLLVEKINL	672	>SMO-L514F FLLVEKINL	53	619
>SMO-L514F SLLVEKINLFA	227	>SMO-L514F FLLVEKINLFA	33	194
>SMO-L514F SLLVEKINL	514	>SMO-L514F FLLVEKINL	43	471
>SMO-L514F SLLVEKINLFA	481	>SMO-L514F FLLVEKINLFA	38	443
>SMO-L514F SLLVEKINLFA	1578	>SMO-L514F FLLVEKINLFA	249	1329
>SMO-L514F SLLVEKINL	2644	>SMO-L514F FLLVEKINL	125	2519
>SMO-L514F SLLVEKINLFA	856	>SMO-L514F FLLVEKINLFA	52	804
>SMO-L514F SLLVEKINL	79	>SMO-L514F FLLVEKINL	14	65
>SMO-L514F SLLVEKINLF	2056	>SMO-L514F FLLVEKINLF	394	1662
>SMO-L514F SLLVEKINLFA	70	>SMO-L514F FLLVEKINLFA	14	56
>SMO-L514F SLLVEKINL	172	>SMO-L514F FLLVEKINL	25	147
>SMO-L514F SLLVEKINLFA	297	>SMO-L514F FLLVEKINLFA	36	261
>SMO-L514F SLLVEKINL	18	>SMO-L514F FLLVEKINL	10	8
>SMO-L514F SLLVEKINLFA	18	>SMO-L514F FLLVEKINLFA	11	7
>SMO-L514F SLLVEKINL	1088	>SMO-L514F FLLVEKINL	23	1065
>SMO-L514F SLLVEKINLFA	1606	>SMO-L514F FLLVEKINLFA	55	1551
>SMO-L514F SLLVEKINL	20	>SMO-L514F FLLVEKINL	5	15
>SMO-L514F SLLVEKINLFA	52	>SMO-L514F FLLVEKINLFA	9	43
>SMO-L514F SLLVEKINLF	1552	>SMO-L514F FLLVEKINLF	437	1115
>SMO-L514F SLLVEKINLF	470	>SMO-L514F FLLVEKINLF	85	385
>SMO-L514F PSELLVEKINLF	8016	>SMO-L514F PSELLVEKINLF	263	7753
>SMO-L514F PSELLVEKINLF	8323	>SMO-L514F PSELLVEKINLF	155	8168
>SMO-L514F IPDCEIKNRPS	14973	>SMO-L514F IPDCEIKNRPF	269	14704
>SMO-L514F IPDCEIKNRPS	4480	>SMO-L514F IPDCEIKNRPF	68	4412
>SMO-L514F IPDCEIKNRPS	22559	>SMO-L514F IPDCEIKNRPF	226	22333
>SMO-L514F RPSLLVEKINL	2033	>SMO-L514F RPSELLVEKINL	37	1996
>SMO-L514F RPSLLVEKI	5173	>SMO-L514F RPSELLVEKI	491	4682
>SMO-L514F RPSLLVEKINL	151	>SMO-L514F RPSELLVEKINL	499	348
>SMO-L514F RPSLLVEKI	1770	>SMO-L514F RPSELLVEKI	210	1560
>SMO-L514F NRPSLLVEK	876	>SMO-L514F NRPSLLVEK	194	682
>SMO-L514F KNRPSLLV	12	>SMO-L514F KNRPSLLV	15	3
>SMO-L514F KNRPSLLVEK	5	>SMO-L514F KNRPSLLVEK	5	0
>SMO-L514F KNRPSLLVEKI	176	>SMO-L514F KNRPSLLVEKI	185	9
>SMO-L514F KNRPSLLVEKI	301	>SMO-L514F KNRPSLLVEKI	176	125
>SMO-L514F IKNRPSLL	25	>SMO-L514F IKNRPSLL	57	32

>SMO-L514F IKNRPSLLV	50	>SMO-L514F IKNRPFLLV	38	12
>SMO-L514F IKNRPSLLVEK	219	>SMO-L514F IKNRPFLLVEK	224	5
>SMO-L514F EIKNRPSLLV	545	>SMO-L514F EIKNRPFLLV	256	289
>SMO-L514F EIKNRPSLLV	842	>SMO-L514F EIKNRPFLLV	493	349
>SMO-L514F EIKNRPSLLV	1192	>SMO-L514F EIKNRPFLLV	397	795
>SMO-L514F EIKNRPSLLV	670	>SMO-L514F EIKNRPFLLV	269	401
>SMO-L514F EIKNRPSL	40	>SMO-L514F EIKNRPFLL	170	130
>SMO-L514F EIKNRPSL	73	>SMO-L514F EIKNRPFLL	219	146
>SMO-L514F CEIKNRPSL	5070	>SMO-L514F CEIKNRPFLL	373	4697
>SMO-L514F CEIKNRPS	20869	>SMO-L514F CEIKNRPF	123	20746
>SMO-L514F CEIKNRPS	2395	>SMO-L514F CEIKNRPF	26	2369
>SMO-L514F CEIKNRPSL	124	>SMO-L514F CEIKNRPFLL	327	203
>SMO-L514F CEIKNRPSL	80	>SMO-L514F CEIKNRPFLL	88	8
>SMO-L514F CEIKNRPSLL	234	>SMO-L514F CEIKNRPFLLV	214	20
>SMO-L514F CEIKNRPSLLV	762	>SMO-L514F CEIKNRPFLLV	476	286
>SMO-L514F CEIKNRPS	1318	>SMO-L514F CEIKNRPF	240	1078
>SMO-L514F CEIKNRPSL	43	>SMO-L514F CEIKNRPFLL	78	35
>SMO-L514F CEIKNRPSLL	210	>SMO-L514F CEIKNRPFLLV	71	139
>SMO-L514F CEIKNRPSLLV	302	>SMO-L514F CEIKNRPFLLV	196	106
>SMO-L514F CEIKNRPS	7700	>SMO-L514F CEIKNRPF	428	7272
>SMO-L514F CEIKNRPS	8457	>SMO-L514F CEIKNRPF	216	8241
>SMO-L514F CEIKNRPSLLV	530	>SMO-L514F CEIKNRPFLLV	272	258
>SMO-L514F CEIKNRPSL	22	>SMO-L514F CEIKNRPFLL	26	4
>SMO-L514F CEIKNRPSLLV	17	>SMO-L514F CEIKNRPFLLV	14	3
>SMO-P755F PVAWAHGR	4759	>SMO-P755F FVAWAHGR	490	4269
>SMO-P755F PVAWAHGR	122	>SMO-P755F FVAWAHGR	3	119
>SMO-P755F PVAWAHGRF	340	>SMO-P755F FVAWAHGRF	5	335
>SMO-P755F PVAWAHGR	405	>SMO-P755F FVAWAHGR	299	106
>SMO-P755F APVAWAHGF	7522	>SMO-P755F AFVAWAHGF	46	7476
>SMO-P755F APVAWAHGF	1435	>SMO-P755F AFVAWAHGF	57	1378
>SMO-P755F APVAWAHGF	14890	>SMO-P755F AFVAWAHGF	383	14507
>SMO-P755F APVAWAHGF	437	>SMO-P755F AFVAWAHGF	73	364
>SMO-P755F APVAWAHGF	2049	>SMO-P755F AFVAWAHGF	160	1889
>SMO-P755F APVAWAHGF	36284	>SMO-P755F AFVAWAHGF	397	35887
>SMO-P755F PAPVAWAHC	1643	>SMO-P755F PAFVAWAHC	366	1277
>SMO-P755F APAPVAWAH	984	>SMO-P755F APAFVAWAH	334	650
>SMO-P755F APAPVAWA	196	>SMO-P755F APAFVAWA	527	331
>SMO-P755F APAPVAWAH	379	>SMO-P755F APAFVAWAH	1187	808
>SMO-P755F APAPVAWAH	48	>SMO-P755F APAFVAWAH	76	28
>SMO-P755F SAPAPVAWA	1545	>SMO-P755F SAPAFVAWA	396	1149
>SMO-P755F SAPAPVAWA	106	>SMO-P755F SAPAFVAWA	114	8
>SMO-P755F SAPAPVAWA	13	>SMO-P755F SAPAFVAWA	10	3
>SMO-P755F SAPAPVAWA	159	>SMO-P755F SAPAFVAWA	177	18

>SMO-P755F SAPAPVAWA	272	>SMO-P755F SAPAFVAWA	216	56
>SMO-P755F SAPAPVAW	2250	>SMO-P755F SAPAFVAW	177	2073
>SMO-P755F PSAPAPVAW	59	>SMO-P755F PSAPAFVAW	126	67
>SMO-P755F PSAPAPVAW	236	>SMO-P755F PSAPAFVAW	385	149
>SMO-P755F PSAPAPVAW	369	>SMO-P755F PSAPAFVAW	580	211
>SMO-P755F PSAPAPVAW	5157	>SMO-P755F PSAPAFVAW	225	4932
>SMO-P755F LPSAPAPV	3769	>SMO-P755F LPSAPAFV	109	3660
>SMO-P755F LPSAPAPV	372	>SMO-P755F LPSAPAFV	552	180
>SMO-P755F LPSAPAPV	56	>SMO-P755F LPSAPAFV	517	461
>SMO-P755F LPSAPAPVA	256	>SMO-P755F LPSAPAFVA	152	104
>SMO-P755F LPSAPAPV	248	>SMO-P755F LPSAPAFV	2063	1815
>SMO-P755F LPSAPAPVA	338	>SMO-P755F LPSAPAFVA	185	153
>SMO-P755F LPSAPAPVAW	260	>SMO-P755F LPSAPAFVAW	542	282
>SMO-P755F LPSAPAPV	136	>SMO-P755F LPSAPAFV	174	38
>SMO-P755F LPSAPAPVAW	214	>SMO-P755F LPSAPAFVAW	154	60
>SMO-P755F LPSAPAPV	16	>SMO-P755F LPSAPAFV	101	85
>SMO-P755F LPSAPAPVA	9	>SMO-P755F LPSAPAFVA	8	1
>SMO-P755F LPSAPAPVAW	25	>SMO-P755F LPSAPAFVAW	30	5
>SMO-P755F LPSAPAPVAW	2674	>SMO-P755F LPSAPAFVAW	283	2391
>SMO-P755F LPSAPAPVAW	7	>SMO-P755F LPSAPAFVAW	4	3
>SMO-P755F LPSAPAPVAW	367	>SMO-P755F LPSAPAFVAW	157	210
>SMO-P755F FLPSAPAPV	7	>SMO-P755F FLPSAPAFV	8	1
>SMO-P755F FLPSAPAPVA	500	>SMO-P755F FLPSAPAFVA	128	372
>SMO-P755F FLPSAPAP	1438	>SMO-P755F FLPSAPAF	351	1087
>SMO-P755F FLPSAPAPV	3	>SMO-P755F FLPSAPAFV	2	1
>SMO-P755F FLPSAPAPVA	57	>SMO-P755F FLPSAPAFVA	18	39
>SMO-P755F FLPSAPAP	1747	>SMO-P755F FLPSAPAF	474	1273
>SMO-P755F FLPSAPAPV	2	>SMO-P755F FLPSAPAFV	2	0
>SMO-P755F FLPSAPAPVA	160	>SMO-P755F FLPSAPAFVA	149	11
>SMO-P755F FLPSAPAP	2109	>SMO-P755F FLPSAPAF	121	1988
>SMO-P755F FLPSAPAPV	7	>SMO-P755F FLPSAPAFV	7	0
>SMO-P755F FLPSAPAPVA	335	>SMO-P755F FLPSAPAFVA	237	98
>SMO-P755F FLPSAPAP	1919	>SMO-P755F FLPSAPAF	211	1708
>SMO-P755F FLPSAPAPV	2	>SMO-P755F FLPSAPAFV	1	1
>SMO-P755F FLPSAPAPVA	10	>SMO-P755F FLPSAPAFVA	6	4
>SMO-P755F FLPSAPAPV	3	>SMO-P755F FLPSAPAFV	3	0
>SMO-P755F FLPSAPAPVA	129	>SMO-P755F FLPSAPAFVA	36	93
>SMO-P755F FLPSAPAPV	4	>SMO-P755F FLPSAPAFV	4	0
>SMO-P755F FLPSAPAPVA	18	>SMO-P755F FLPSAPAFVA	14	4
>SMO-P755F FLPSAPAPV	3	>SMO-P755F FLPSAPAFV	2	1
>SMO-P755F FLPSAPAPVA	153	>SMO-P755F FLPSAPAFVA	48	105
>SMO-P755F FLPSAPAP	1927	>SMO-P755F FLPSAPAF	417	1510
>SMO-P755F FLPSAPAPV	2	>SMO-P755F FLPSAPAFV	2	0

>SMO-P755F FLPSAPAPVA	8	>SMO-P755F FLPSAPAFVA	6	2
>SMO-P755F FLPSAPAP	19009	>SMO-P755F FLPSAPAF	245	18764
>SMO-P755F FLPSAPAPV	25	>SMO-P755F FLPSAPAFV	33	8
>SMO-P755F FLPSAPAPV	81	>SMO-P755F FLPSAPAFV	156	75
>SMO-P755F FLPSAPAP	15104	>SMO-P755F FLPSAPAF	128	14976
>SMO-P755F FLPSAPAP	21564	>SMO-P755F FLPSAPAF	101	21463
>SMO-P755F FLPSAPAP	12586	>SMO-P755F FLPSAPAF	26	12560
>SMO-P755F FLPSAPAP	22145	>SMO-P755F FLPSAPAF	315	21830
>SMO-P755F FLPSAPAPV	146	>SMO-P755F FLPSAPAFV	27	119
>SMO-P755F FLPSAPAPVA	1268	>SMO-P755F FLPSAPAFVA'	135	1133
>SMO-P755F PFLPSAPAP	28073	>SMO-P755F PFLPSAPAF	147	27926
>SMO-P755F PFLPSAPAP	14384	>SMO-P755F PFLPSAPAF	57	14327
>SMO-P755F PFLPSAPAPV	914	>SMO-P755F PFLPSAPAFV	364	550
>SMO-P755F DPFLPSAPAP'	75	>SMO-P755F DPFLPSAPAF'	98	23
>SMO-P755F DPFLPSAPAP'	33	>SMO-P755F DPFLPSAPAF'	52	19
>SMO-P755F DPFLPSAPAP'	87	>SMO-P755F DPFLPSAPAF'	755	668
>SMO-P755F DPFLPSAPAP	23243	>SMO-P755F DPFLPSAPAF	212	23031
>SMO-P755F DPFLPSAPAP	28027	>SMO-P755F DPFLPSAPAF	323	27704
>SMO-R117L RCWAVIQPL	50	>SMO-R117L LCWAVIQPL	53	3
>SMO-R117L RCWAVIQPLI	341	>SMO-R117L LCWAVIQPLI	351	10
>SMO-R117L RCWAVIQPL	61	>SMO-R117L LCWAVIQPL	2277	2216
>SMO-R117L RCWAVIQPLI	365	>SMO-R117L LCWAVIQPLI	9072	8707
>SMO-R117L RCWAVIQPL	362	>SMO-R117L LCWAVIQPL	803	441
>SMO-R117L RCWAVIQPL	228	>SMO-R117L LCWAVIQPL	2353	2125
>SMO-R117L RCWAVIQPLI	217	>SMO-R117L LCWAVIQPLI	2225	2008
>SMO-R117L PRCWAVIQPI	20824	>SMO-R117L PLCWAVIQPL	18	20806
>SMO-R117L PRCWAVIQPI	25724	>SMO-R117L PLCWAVIQPL	106	25618
>SMO-R117L PRCWAVIQPI	24009	>SMO-R117L PLCWAVIQPL	226	23783
>SMO-R117L PRCWAVIQPI	25269	>SMO-R117L PLCWAVIQPL	256	25013
>SMO-R117L PRCWAVIQPI	29595	>SMO-R117L PLCWAVIQPL	16	29579
>SMO-R117L PRCWAVIQPI	29221	>SMO-R117L PLCWAVIQPL	25	29196
>SMO-R117L PRCWAVIQPI	268	>SMO-R117L PLCWAVIQPL	26680	26412
>SMO-R117L PRCWAVIQPI	56	>SMO-R117L PLCWAVIQPL	19908	19852
>SMO-R117L VLWSGLRNA	9818	>SMO-R117L VLWSGLRNA	16	9802
>SMO-R117L VLWSGLRNA	11571	>SMO-R117L VLWSGLRNA	58	11513
>SMO-R117L VLWSGLRNA	13539	>SMO-R117L VLWSGLRNA	46	13493
>SMO-R117L VLWSGLRNA	8938	>SMO-R117L VLWSGLRNA	147	8791
>SMO-R117L VLWSGLRNA	2645	>SMO-R117L VLWSGLRNA	4	2641
>SMO-R117L VLWSGLRNA	14353	>SMO-R117L VLWSGLRNA	11	14342
>SMO-R117L VLWSGLRNA	9367	>SMO-R117L VLWSGLRNA	13	9354
>SMO-R117L VLWSGLRNA	15544	>SMO-R117L VLWSGLRNA	7	15537
>SMO-R117L VLWSGLRNA	2228	>SMO-R117L VLWSGLRNA	4	2224
>SMO-R117L VLWSGLRNA	15	>SMO-R117L VLWSGLRNA	4765	4750



>SMO-R117L VLWSGLRNA	82	>SMO-R117L VLWSGLRNA	10522	10440
>SMO-R117L VLWSGLRNA	2087	>SMO-R117L VLWSGLRNA	279	1808
>SMO-R117L VLWSGLRNA	216	>SMO-R117L VLWSGLRNA	20948	20732
>SMO-R117L APRCWAVIQ	9402	>SMO-R117L APLCWAVIQ	357	9045
>SMO-R117L APRCWAVI	23	>SMO-R117L APLCWAVI	153	130
>SMO-R117L APRCWAVIQ	335	>SMO-R117L APLCWAVIQ	11887	11552
>SMO-R117L APRCWAVIQ	15	>SMO-R117L APLCWAVIQ	42	27
>SMO-R117L APRCWAVIQ	375	>SMO-R117L APLCWAVIQ	1832	1457
>SMO-R117L APRCWAVIQ	775	>SMO-R117L APLCWAVIQ	228	547
>SMO-R117L APRCWAVIQ	964	>SMO-R117L APLCWAVIQ	46	918
>SMO-R117L APRCWAVI	2893	>SMO-R117L APLCWAVI	389	2504
>SMO-R117L APRCWAVIQ	6507	>SMO-R117L APLCWAVIQ	483	6024
>SMO-R117L NAPRCWAVI	103	>SMO-R117L NAPLCWAVI	310	207
>SMO-R117L NAPRCWAV	153	>SMO-R117L NAPLCWAV	104	49
>SMO-R117L NAPRCWAV	40	>SMO-R117L NAPLCWAV	32	8
>SMO-R117L NAPRCWAVI	169	>SMO-R117L NAPLCWAVI	170	1
>SMO-R117L NAPRCWAVI	162	>SMO-R117L NAPLCWAVI	289	127
>SMO-R117L RNAPRCWAV	280	>SMO-R117L RNAPLCWAV	284	4
>SMO-R117L RNAPRCWAV	282	>SMO-R117L RNAPLCWAV	307	25
>SMO-R117L LRNAPRCW	932	>SMO-R117L LRNAPLCW	172	760
>SMO-R117L GLRNAPRCW	451	>SMO-R117L GLRNAPLCW	188	263
>SMO-R117L GLRNAPRCW	1132	>SMO-R117L GLRNAPLCW	219	913
>SMO-R117L GLRNAPRCW	211	>SMO-R117L GLRNAPLCW	118	93
>SMO-R117L GLRNAPRCW	1262	>SMO-R117L GLRNAPLCW	192	1070
>SMO-R117L GLRNAPRCW	14	>SMO-R117L GLRNAPLCW	13	1
>SMO-R117L GLRNAPRCW	473	>SMO-R117L GLRNAPLCW	248	225
>SMO-R117L GLRNAPRCW	1892	>SMO-R117L GLRNAPLCW	349	1543
>SMO-R117L GLRNAPRCW	14	>SMO-R117L GLRNAPLCW	9	5
>SMO-R117L GLRNAPRCW	16	>SMO-R117L GLRNAPLCW	8	8
>SMO-R117L GLRNAPRCW	2268	>SMO-R117L GLRNAPLCW	392	1876
>SMO-R117L GLRNAPRCW	32	>SMO-R117L GLRNAPLCW	12	20
>SMO-R117L GLRNAPRCW	545	>SMO-R117L GLRNAPLCW	210	335
>SMO-R117L GLRNAPRC	346	>SMO-R117L GLRNAPLC	354	8
>SMO-R117L GLRNAPRCW	96	>SMO-R117L GLRNAPLCW	32	64
>SMO-R117L GLRNAPRCW	5	>SMO-R117L GLRNAPLCW	4	1
>SMO-R117L GLRNAPRCW	183	>SMO-R117L GLRNAPLCW	238	55
>SMO-R117L SGLRNAPR	13062	>SMO-R117L SGLRNAPL	98	12964
>SMO-R117L SGLRNAPR	16007	>SMO-R117L SGLRNAPL	179	15828
>SMO-R117L SGLRNAPR	217	>SMO-R117L SGLRNAPL	19148	18931
>SMO-R117L SGLRNAPRCV	2196	>SMO-R117L SGLRNAPLCV	275	1921
>SMO-R117L SGLRNAPR	194	>SMO-R117L SGLRNAPL	30451	30257
>SMO-R117L WSGLRNAPR	437	>SMO-R117L WSGLRNAPL	20826	20389
>SMO-R117L WSGLRNAPR	18711	>SMO-R117L WSGLRNAPL	67	18644

>SMO-R117L WSGLRNAPR	74	>SMO-R117L WSGLRNAPL	28	46
>SMO-R117L WSGLRNAPR	433	>SMO-R117L WSGLRNAPL	695	262
>SMO-R117L WSGLRNAPR	1493	>SMO-R117L WSGLRNAPL	149	1344
>SMO-R117L WSGLRNAPR	304	>SMO-R117L WSGLRNAPL	32574	32270
>SMO-R117L LWSGLRNAPI	21	>SMO-R117L LWSGLRNAPI	4890	4869
>SMO-R117L LWSGLRNAPI	177	>SMO-R117L LWSGLRNAPI	10724	10547
>SMO-R117L LWSGLRNAPI	17	>SMO-R117L LWSGLRNAPI	8768	8751
>SMO-R117L LWSGLRNAPI	8156	>SMO-R117L LWSGLRNAPI	257	7899
>SMO-R117L LWSGLRNAPI	267	>SMO-R117L LWSGLRNAPI	157	110
>SMO-R199V RTDNPKSWY	108	>SMO-R199V WTDNPKSWY	13	95
>SMO-R199V RTDNPKSWY	315	>SMO-R199V WTDNPKSWY	959	644
>SMO-R199V RTDNPKSW	170	>SMO-R199V WTDNPKSW	12274	12104
>SMO-R199V RTDNPKSW	8	>SMO-R199V WTDNPKSW	13	5
>SMO-R199V RTDNPKSWY	7	>SMO-R199V WTDNPKSWY	19	12
>SMO-R199V RTDNPKSW	62	>SMO-R199V WTDNPKSW	234	172
>SMO-R199V RTDNPKSW	20	>SMO-R199V WTDNPKSW	278	258
>SMO-R199V RTDNPKSW	106	>SMO-R199V WTDNPKSW	296	190
>SMO-R199V RTDNPKSWY	2	>SMO-R199V WTDNPKSWY	2	0
>SMO-R199V RTDNPKSWY	90	>SMO-R199V WTDNPKSWY	36	54
>SMO-R199V VRTDNPKSW	6716	>SMO-R199V VWTDNPKSW	267	6449
>SMO-R199V VRTDNPKSW	2388	>SMO-R199V VWTDNPKSW	165	2223
>SMO-R199V VRTDNPKSW	346	>SMO-R199V VWTDNPKSW	15324	14978
>SMO-R199V VRTDNPKSW	34775	>SMO-R199V VWTDNPKSW	159	34616
>SMO-R199V VRTDNPKSW	29843	>SMO-R199V VWTDNPKSW	153	29690
>SMO-R199V SSGQCEVPLV	19531	>SMO-R199V SSGQCEVPLV	54	19477
>SMO-R199V SSGQCEVPLV	24433	>SMO-R199V SSGQCEVPLV	91	24342
>SMO-R199V SSGQCEVPLV	20970	>SMO-R199V SSGQCEVPLV	22	20948
>SMO-R199V SSGQCEVPLV	149	>SMO-R199V SSGQCEVPLV	30246	30097
>SMO-R199V LVRTDNP	2029	>SMO-R199V LVWTDNPK	140	1889
>SMO-R199V LVRTDNP	57	>SMO-R199V LVWTDNPKS'	107	50
>SMO-R199V LVRTDNP	1250	>SMO-R199V LVWTDNPKS'	65	1185
>SMO-R199V LVRTDNP	5	>SMO-R199V LVWTDNPK	571	566
>SMO-R199V LVRTDNP	154	>SMO-R199V LVWTDNPKS'	40	114
>SMO-R199V LVRTDNP	1108	>SMO-R199V LVWTDNPK	389	719
>SMO-R199V LVRTDNP	113	>SMO-R199V LVWTDNPKS'	105	8
>SMO-R199V LVRTDNP	259	>SMO-R199V LVWTDNPKS'	269	10
>SMO-R199V LVRTDNP	2165	>SMO-R199V LVWTDNPKS'	106	2059
>SMO-R199V LVRTDNP	238	>SMO-R199V LVWTDNPKS'	196	42
>SMO-R199V LVRTDNP	1893	>SMO-R199V LVWTDNPKS'	91	1802
>SMO-R199V LVRTDNP	10	>SMO-R199V LVWTDNPKS'	28	18
>SMO-R199V EVPLVRTDNF	25	>SMO-R199V EVPLVWTDN	29	4
>SMO-R199V CEVPLVRTD	389	>SMO-R199V CEVPLVWTD	50	339
>SMO-R199V CEVPLVRT	487	>SMO-R199V CEVPLVWT	134	353

>SMO-R199VSGQCEVPLVF	22993	>SMO-R199VSGQCEVPLVV	286	22707
>SMO-R290S RREIVCRA	168	>SMO-R290S SREIVCRA	8350	8182
>SMO-R290S RREIVCRADG	370	>SMO-R290S SREIVCRADG	7952	7582
>SMO-R290S ARREIVCR	8125	>SMO-R290S ASREIVCR	196	7929
>SMO-R290S ARREIVCRA	2096	>SMO-R290S ASREIVCRA	17	2079
>SMO-R290S ARREIVCRAD	9692	>SMO-R290S ASREIVCRAD	358	9334
>SMO-R290S ARREIVCR	8516	>SMO-R290S ASREIVCR	51	8465
>SMO-R290S ARREIVCR	380	>SMO-R290S ASREIVCR	18664	18284
>SMO-R290S GWLAQFMDI	35	>SMO-R290S GWLAQFMDI	15957	15922
>SMO-R290S GARREIVCRA	274	>SMO-R290S GASREIVCRA	11993	11719
>SMO-R290S GARREIVCR	221	>SMO-R290S GASREIVCR	792	571
>SMO-R290S GARREIVCR	3165	>SMO-R290S GASREIVCR	496	2669
>SMO-R290S MDGARREIV	1090	>SMO-R290S MDGASREIV	468	622
>SMO-R290S FMDGARREI	176	>SMO-R290S FMDGASREI	27	149
>SMO-R290S FMDGARREI	110	>SMO-R290S FMDGASREI	58	52
>SMO-R290S FMDGARREI	94	>SMO-R290S FMDGASREI	14	80
>SMO-R290S FMDGARREI	41	>SMO-R290S FMDGASREI	22	19
>SMO-R290S FMDGARREI	329	>SMO-R290S FMDGASREI	41	288
>SMO-R290S FMDGARREI	75	>SMO-R290S FMDGASREI	40	35
>SMO-R290S FMDGARREI	304	>SMO-R290S FMDGASREI	71	233
>SMO-R290S FMDGARREI	149	>SMO-R290S FMDGASREI	106	43
>SMO-R290S FMDGARREI	10	>SMO-R290S FMDGASREI	3	7
>SMO-R290S FMDGARREI	5	>SMO-R290S FMDGASREI	3	2
>SMO-R290S FMDGARREI	43	>SMO-R290S FMDGASREI	14	29
>SMO-R290S FMDGARREI	262	>SMO-R290S FMDGASREI	9	253
>SMO-R290S FMDGARREI	24	>SMO-R290S FMDGASREI	6	18
>SMO-R290S FMDGARREI	838	>SMO-R290S FMDGASREI	158	680
>SMO-R290S FMDGARREI	44	>SMO-R290S FMDGASREI	11	33
>SMO-R290S FMDGARREI	9	>SMO-R290S FMDGASREI	6	3
>SMO-R290S FMDGARREI	630	>SMO-R290S FMDGASREI	158	472
>SMO-R290S FMDGARREI	693	>SMO-R290S FMDGASREI	18	675
>SMO-R290S FMDGARREI	25	>SMO-R290S FMDGASREI	6	19
>SMO-R290S FMDGARREI	2250	>SMO-R290S FMDGASREI	425	1825
>SMO-R290S FMDGARREI	9	>SMO-R290S FMDGASREI	7	2
>SMO-R290S FMDGARREI	3	>SMO-R290S FMDGASREI	2	1
>SMO-R290S FMDGARREI	34	>SMO-R290S FMDGASREI	29	5
>SMO-R290S QFMDGARRE	459	>SMO-R290S QFMDGASRE	262	197
>SMO-R290S QFMDGARR	142	>SMO-R290S QFMDGASR	134	8
>SMO-R290S QFMDGARR	240	>SMO-R290S QFMDGASR	108	132
>SMO-R290S QFMDGARR	472	>SMO-R290S QFMDGASR	324	148
>SMO-R290S QFMDGARR	143	>SMO-R290S QFMDGASR	180	37
>SMO-R290S AQFMDGARF	274	>SMO-R290S AQFMDGASR	86	188
>SMO-R290S AQFMDGAR	78	>SMO-R290S AQFMDGAS	18643	18565

>SMO-R290S AQFMDGARF	48	>SMO-R290S AQFMDGASF	65	17
>SMO-R290S AQFMDGARF	479	>SMO-R290S AQFMDGASF	178	301
>SMO-R290S AQFMDGAR	224	>SMO-R290S AQFMDGAS	998	774
>SMO-R290S AQFMDGARF	215	>SMO-R290S AQFMDGASF	24	191
>SMO-R290S AQFMDGARF	18	>SMO-R290S AQFMDGASF	12	6
>SMO-R290S LAQFMDGAR	363	>SMO-R290S LAQFMDGAS	22822	22459
>SMO-R290S LAQFMDGAR	130	>SMO-R290S LAQFMDGAS	168	38
>SMO-R290S LAQFMDGAR	200	>SMO-R290S LAQFMDGAS	30812	30612
>SMO-R290S LAQFMDGAR	49	>SMO-R290S LAQFMDGAS	51	2
>SMO-R290S WLAQFMDG,	380	>SMO-R290S WLAQFMDG,	36374	35994
>SMO-R290S WLAQFMDG,	152	>SMO-R290S WLAQFMDG,	158	6
>SMO-R290S WLAQFMDG,	108	>SMO-R290S WLAQFMDG,	15918	15810
>SMO-R290S WLAQFMDG,	255	>SMO-R290S WLAQFMDG,	30475	30220
>SMO-R290S WLAQFMDG,	249	>SMO-R290S WLAQFMDG,	296	47
>SMO-R484V SFRDYVLCQA	36	>SMO-R484V SWRDYVLCQ	157	121
>SMO-R484V SFRDYVLCQA	260	>SMO-R484V SWRDYVLCQ	1241	981
>SMO-R484V SFRDYVLC	1452	>SMO-R484V SWRDYVLC	140	1312
>SMO-R484V SFRDYVLCQ	5051	>SMO-R484V SWRDYVLCQ	315	4736
>SMO-R484V SFRDYVLCQA	2681	>SMO-R484V SWRDYVLCQ	147	2534
>SMO-R484V FFNQAEWER	359	>SMO-R484V FFNQAEWER	2093	1734
>SMO-R484V FFNQAEWER	19	>SMO-R484V FFNQAEWER	190	171
>SMO-R484V FFNQAEWER	181	>SMO-R484V FFNQAEWER	5324	5143
>SMO-R484V RSFRDYVL	417	>SMO-R484V RSWRDYVL	3170	2753
>SMO-R484V RSFRDYVLCQ	34	>SMO-R484V RSWRDYVLCQ	350	316
>SMO-R484V RSFRDYVL	30	>SMO-R484V RSWRDYVL	52	22
>SMO-R484V RSFRDYVL	47	>SMO-R484V RSWRDYVL	96	49
>SMO-R484V RSFRDYVL	12	>SMO-R484V RSWRDYVL	13	1
>SMO-R484V RSFRDYVL	151	>SMO-R484V RSWRDYVL	159	8
>SMO-R484V RSFRDYVL	50	>SMO-R484V RSWRDYVL	81	31
>SMO-R484V RSFRDYVL	1210	>SMO-R484V RSWRDYVL	242	968
>SMO-R484V RSFRDYVL	40	>SMO-R484V RSWRDYVL	44	4
>SMO-R484V ERSFRDYV	398	>SMO-R484V ERSWRDYV	966	568
>SMO-R484V ERSFRDYVL	403	>SMO-R484V ERSWRDYVL	67	336
>SMO-R484V WERSFRDYV	31	>SMO-R484V WERSWRDY\	46	15
>SMO-R484V WERSFRDY	70	>SMO-R484V WERSWRDY	197	127
>SMO-R484V WERSFRDY	13	>SMO-R484V WERSWRDY	32	19
>SMO-R484V WERSFRDYV	293	>SMO-R484V WERSWRDY\	1414	1121
>SMO-R484V WERSFRDYV	423	>SMO-R484V WERSWRDY\	1892	1469
>SMO-R484V WERSFRDYVI	405	>SMO-R484V WERSWRDY\	1509	1104
>SMO-R484V WERSFRDYV	93	>SMO-R484V WERSWRDY\	151	58
>SMO-R484V WERSFRDYVI	139	>SMO-R484V WERSWRDY\	252	113
>SMO-R484V WERSFRDYV	8	>SMO-R484V WERSWRDY\	7	1
>SMO-R484V WERSFRDYVI	16	>SMO-R484V WERSWRDY\	15	1

>SMO-R484V WERSFRDYVI	46	>SMO-R484V WERSWRDY\	35	11
>SMO-R484V EWERSFRDY\	166	>SMO-R484V EWERSWRDY	81	85
>SMO-R484V EWERSFRDY\	507	>SMO-R484V EWERSWRDY	419	88
>SMO-R484V AEWERSFRD'	24	>SMO-R484V AEWERSWRE	38	14
>SMO-R484V AEWERSFRD'	255	>SMO-R484V AEWERSWRE	168	87
>SMO-R484V AEWERSFRD'	115	>SMO-R484V AEWERSWRE	53	62
>SMO-R484V AEWERSFRD'	218	>SMO-R484V AEWERSWRE	105	113
>SMO-R484V AEWERSFRD'	901	>SMO-R484V AEWERSWRE	323	578
>SMO-R484V AEWERSFRD'	1229	>SMO-R484V AEWERSWRE	459	770
>SMO-R484V AEWERSFR	158	>SMO-R484V AEWERSWR	825	667
>SMO-R484V AEWERSFRD'	210	>SMO-R484V AEWERSWRE	338	128
>SMO-R484V AEWERSFRD'	284	>SMO-R484V AEWERSWRE	662	378
>SMO-R484V AEWERSFRD'	162	>SMO-R484V AEWERSWRE	226	64
>SMO-R484V AEWERSFRD'	28	>SMO-R484V AEWERSWRE	17	11
>SMO-R484V AEWERSFRD'	37	>SMO-R484V AEWERSWRE	33	4
>SMO-R484V AEWERSFRD'	254	>SMO-R484V AEWERSWRE	323	69
>SMO-R484V AEWERSFRD'	30	>SMO-R484V AEWERSWRE	39	9
>SMO-R484V AEWERSFRD	170	>SMO-R484V AEWERSWRE	395	225
>SMO-R484V AEWERSFRD'	301	>SMO-R484V AEWERSWRE	542	241
>SMO-R484V AEWERSFRD'	7	>SMO-R484V AEWERSWRE	8	1
>SMO-R484V QAEWERSFR	339	>SMO-R484V QAEWERSWF	1687	1348
>SMO-R484V QAEWERSFR	200	>SMO-R484V QAEWERSWF	1200	1000
>SMO-R484V QAEWERSFR	14	>SMO-R484V QAEWERSWF	33	19
>SMO-R484V QAEWERSF	297	>SMO-R484V QAEWERSW	6100	5803
>SMO-R484V QAEWERSFR	475	>SMO-R484V QAEWERSWF	360	115
>SMO-R484V QAEWERSF	7205	>SMO-R484V QAEWERSW	364	6841
>SMO-R484V QAEWERSFR	487	>SMO-R484V QAEWERSWF	992	505
>SMO-R484V NQAEWERSF	140	>SMO-R484V NQAEWERSV	232	92
>SMO-R484V NQAEWERSF	133	>SMO-R484V NQAEWERSV	652	519
>SMO-R484V NQAEWERSF	43	>SMO-R484V NQAEWERSV	91	48
>SMO-R484V NQAEWERSF	146	>SMO-R484V NQAEWERSV	3858	3712
>SMO-R484V NQAEWERSF	32	>SMO-R484V NQAEWERSV	3652	3620
>SMO-R484V FNQAEWERS	184	>SMO-R484V FNQAEWERS	438	254
>SMO-R484V FNQAEWERS	432	>SMO-R484V FNQAEWERS	9796	9364
>SMO-R484V FNQAEWERS	10246	>SMO-R484V FNQAEWERS	295	9951
>SMO-R562C RIKKSKMIAK	45	>SMO-R562C QIKKSKMIAK	206	161
>SMO-R562C RIKKSKMIAK	127	>SMO-R562C QIKKSKMIAK	314	187
>SMO-R562C RIKKSKMI	20	>SMO-R562C QIKKSKMI	603	583
>SMO-R562C RIKKSKMIA	8	>SMO-R562C QIKKSKMIA	137	129
>SMO-R562C RIKKSKMIAK	3	>SMO-R562C QIKKSKMIAK	10	7
>SMO-R562C RIKKSKMIAK/	12	>SMO-R562C QIKKSKMIAK	324	312
>SMO-R562C RIKKSKMIAK	113	>SMO-R562C QIKKSKMIAK	846	733
>SMO-R562C RIKKSKMIAK	288	>SMO-R562C QIKKSKMIAK	1570	1282

>SMO-R562C KRIKKSMMIAI	14391	>SMO-R562C KQIKKSKMIA	206	14185
>SMO-R562C KRIKKSMMIAI	12993	>SMO-R562C KQIKKSKMIA	108	12885
>SMO-R562C KRIKKSMMIAI	756	>SMO-R562C KQIKKSKMIA	68	688
>SMO-R562C KRIKKSMMIAI	13932	>SMO-R562C KQIKKSKMIA	173	13759
>SMO-R562C KRIKKSMM	19456	>SMO-R562C KQIKKSKM	439	19017
>SMO-R562C KRIKKSMM	322	>SMO-R562C KQIKKSKM	35	287
>SMO-R562C KRIKKSMMI	449	>SMO-R562C KQIKKSKMI	49	400
>SMO-R562C KRIKKSMMIA	1307	>SMO-R562C KQIKKSKMIA	185	1122
>SMO-R562C KRIKKSMMIAI	1517	>SMO-R562C KQIKKSKMIA	263	1254
>SMO-R562C KRIKKSMM	72	>SMO-R562C KQIKKSKM	1272	1200
>SMO-R562C KRIKKSMMI	132	>SMO-R562C KQIKKSKMI	3280	3148
>SMO-R562C KRIKKSMMIA	364	>SMO-R562C KQIKKSKMIA	12695	12331
>SMO-R562C KRIKKSMMIAI	100	>SMO-R562C KQIKKSKMIA	1238	1138
>SMO-R562C KRIKKSMM	31	>SMO-R562C KQIKKSKM	667	636
>SMO-R562C KRIKKSMMI	261	>SMO-R562C KQIKKSKMI	5184	4923
>SMO-R562C KRIKKSMMIA	99	>SMO-R562C KQIKKSKMIA	3373	3274
>SMO-R562C KRIKKSMM	143	>SMO-R562C KQIKKSKM	1561	1418
>SMO-R562C KRIKKSMMIA	354	>SMO-R562C KQIKKSKMIA	8364	8010
>SMO-R562C LTGQSDDEPK	192	>SMO-R562C LTGQSDDEPK	14038	13846
>SMO-R562C EPKRIKKSMM	460	>SMO-R562C EPKQIKKSKM	736	276
>SMO-R562C EPKRIKKSMM	79	>SMO-R562C EPKQIKKSKM	123	44
>SMO-R562C SDDEPKRI	529	>SMO-R562C SDDEPKQI	413	116
>SMO-R562C QSDDEPKRI	621	>SMO-R562C QSDDEPKQI	379	242
>SMO-S533N STWVWTKAT	321	>SMO-S533N NTWVWTKA`	2158	1837
>SMO-S533N STWVWTKAT	389	>SMO-S533N NTWVWTKA`	916	527
>SMO-S533N STWVWTKAT	235	>SMO-S533N NTWVWTKA`	574	339
>SMO-S533N STWVWTKAT	394	>SMO-S533N NTWVWTKA`	1348	954
>SMO-S533N STWVWTKAT	51	>SMO-S533N NTWVWTKA`	453	402
>SMO-S533N STWVWTKAT	366	>SMO-S533N NTWVWTKA`	2601	2235
>SMO-S533N STWVWTKA	361	>SMO-S533N NTWVWTKA	5451	5090
>SMO-S533N STWVWTKAT	198	>SMO-S533N NTWVWTKA`	3538	3340
>SMO-S533N STWVWTKAT	432	>SMO-S533N NTWVWTKA`	4989	4557
>SMO-S533N STWVWTKAT	457	>SMO-S533N NTWVWTKA`	5175	4718
>SMO-S533N STWVWTKAT	39	>SMO-S533N NTWVWTKA`	299	260
>SMO-S533N STWVWTKAT	117	>SMO-S533N NTWVWTKA`	1164	1047
>SMO-S533N STWVWTKA	516	>SMO-S533N NTWVWTKA	190	326
>SMO-S533N STWVWTKAT	115	>SMO-S533N NTWVWTKA`	85	30
>SMO-S533N STWVWTKAT	446	>SMO-S533N NTWVWTKA`	184	262
>SMO-S533N STWVWTKA	194	>SMO-S533N NTWVWTKA	86	108
>SMO-S533N STWVWTKAT	444	>SMO-S533N NTWVWTKA`	191	253
>SMO-S533N STWVWTKAT	27	>SMO-S533N NTWVWTKA`	15	12
>SMO-S533N STWVWTKAT	72	>SMO-S533N NTWVWTKA`	36	36
>SMO-S533N STWVWTKAT	7	>SMO-S533N NTWVWTKA`	49	42

>SMO-S533N STWVWTKAT	13	>SMO-S533N NTWVWTKA`	180	167
>SMO-S533N STWVWTKAT	237	>SMO-S533N NTWVWTKA`	2604	2367
>SMO-S533N STWVWTKAT	171	>SMO-S533N NTWVWTKA`	1822	1651
>SMO-S533N STWVWTKAT	41	>SMO-S533N NTWVWTKA`	409	368
>SMO-S533N STWVWTKAT	59	>SMO-S533N NTWVWTKA`	337	278
>SMO-S533N MSTWVWTK	272	>SMO-S533N MNTWVWTK	9892	9620
>SMO-S533N MSTWVWTK	14	>SMO-S533N MNTWVWTK	812	798
>SMO-S533N MSTWVWTK	364	>SMO-S533N MNTWVWTK	6623	6259
>SMO-S533N MSTWVWTK	77	>SMO-S533N MNTWVWTK	2310	2233
>SMO-S533N MSTWVWTK	6	>SMO-S533N MNTWVWTK	39	33
>SMO-S533N MSTWVWTK	49	>SMO-S533N MNTWVWTK	823	774
>SMO-S533N MSTWVWTK	88	>SMO-S533N MNTWVWTK	1173	1085
>SMO-S533N MSTWVWTK	14	>SMO-S533N MNTWVWTK	14198	14184
>SMO-S533N MSTWVWTK	339	>SMO-S533N MNTWVWTK	1915	1576
>SMO-S533N MSTWVWTK	62	>SMO-S533N MNTWVWTK	11534	11472
>SMO-S533N MSTWVWTK	123	>SMO-S533N MNTWVWTK	10952	10829
>SMO-S533N MSTWVWTK	51	>SMO-S533N MNTWVWTK	926	875
>SMO-S533N MSTWVWTK	349	>SMO-S533N MNTWVWTK	2840	2491
>SMO-S533N MSTWVWTK	107	>SMO-S533N MNTWVWTK	2244	2137
>SMO-S533N FAMFGTGIAA	495	>SMO-S533N FAMFGTGIAA	7737	7242
>SMO-S533N AMSTWVWT	183	>SMO-S533N AMNTWVWT	266	83
>SMO-S533N AMSTWVWT	178	>SMO-S533N AMNTWVWT	409	231
>SMO-S533N AMSTWVWT	60	>SMO-S533N AMNTWVWT	244	184
>SMO-S533N AMSTWVWT	116	>SMO-S533N AMNTWVWT	89	27
>SMO-S533N AMSTWVWT	55	>SMO-S533N AMNTWVWT	106	51
>SMO-S533N AMSTWVWT	63	>SMO-S533N AMNTWVWT	49	14
>SMO-S533N AMSTWVWT	63	>SMO-S533N AMNTWVWT	34	29
>SMO-S533N AMSTWVWT	38	>SMO-S533N AMNTWVWT	20	18
>SMO-S533N AMSTWVWT	12	>SMO-S533N AMNTWVWT	8	4
>SMO-S533N AMSTWVWT	60	>SMO-S533N AMNTWVWT	33	27
>SMO-S533N AMSTWVWT	274	>SMO-S533N AMNTWVWT	226	48
>SMO-S533N AMSTWVWT	530	>SMO-S533N AMNTWVWT	413	117
>SMO-S533N AMSTWVWT	187	>SMO-S533N AMNTWVWT	177	10
>SMO-S533N AMSTWVWT	545	>SMO-S533N AMNTWVWT	446	99
>SMO-S533N AMSTWVWT	20	>SMO-S533N AMNTWVWT	20	0
>SMO-S533N AMSTWVWT	588	>SMO-S533N AMNTWVWT	495	93
>SMO-S533N AMSTWVWT	143	>SMO-S533N AMNTWVWT	128	15
>SMO-S533N AMSTWVWT	529	>SMO-S533N AMNTWVWT	498	31
>SMO-S533N AMSTWVWT	22	>SMO-S533N AMNTWVWT	24	2
>SMO-S533N AMSTWVWT	18	>SMO-S533N AMNTWVWT	19	1
>SMO-S533N AMSTWVWT	8	>SMO-S533N AMNTWVWT	9	1
>SMO-S533N AMSTWVWT	60	>SMO-S533N AMNTWVWT	68	8
>SMO-S533N AMSTWVWT	67	>SMO-S533N AMNTWVWT	59	8

>SMO-S533N AMSTWVWT	9	>SMO-S533N AMNTWVWT	8	1
>SMO-S533N AMSTWVWT	151	>SMO-S533N AMNTWVWT	37	114
>SMO-S533N AMSTWVWT	336	>SMO-S533N AMNTWVWT	842	506
>SMO-S533N IAMSTWVWT	212	>SMO-S533N IAMNTWVW	170	42
>SMO-S533N IAMSTWVWT	73	>SMO-S533N IAMNTWVW	63	10
>SMO-S533N IAMSTWVWT	18	>SMO-S533N IAMNTWVW	20	2
>SMO-S533N IAMSTWVWT	232	>SMO-S533N IAMNTWVW	205	27
>SMO-S533N IAMSTWVWT	257	>SMO-S533N IAMNTWVW	231	26
>SMO-S533N IAMSTWVWT	37	>SMO-S533N IAMNTWVW	56	19
>SMO-S533N IAMSTWVW	232	>SMO-S533N IAMNTWVW	406	174
>SMO-S533N IAMSTWVW	7	>SMO-S533N IAMNTWVW	12	5
>SMO-S533N IAMSTWVW	16	>SMO-S533N IAMNTWVW	18	2
>SMO-S533N IAMSTWVW	31	>SMO-S533N IAMNTWVW	33	2
>SMO-S533N IAMSTWVW	8	>SMO-S533N IAMNTWVW	8	0
>SMO-S533N IAMSTWVW	20	>SMO-S533N IAMNTWVW	26	6
>SMO-S533N IAMSTWVW	298	>SMO-S533N IAMNTWVW	171	127
>SMO-S533N IAMSTWVWT	410	>SMO-S533N IAMNTWVW	449	39
>SMO-S533N IAMSTWVWT	231	>SMO-S533N IAMNTWVW	198	33
>SMO-S533N GIAMSTWV	143	>SMO-S533N GIAMNTWV	188	45
>SMO-S533N GIAMSTWV	15	>SMO-S533N GIAMNTWV	21	6
>SMO-S533N GIAMSTWV	7	>SMO-S533N GIAMNTWV	12	5
>SMO-S533N GIAMSTWV	63	>SMO-S533N GIAMNTWV	96	33
>SMO-S533N GIAMSTWV	89	>SMO-S533N GIAMNTWV	74	15
>SMO-S533N GIAMSTWV	560	>SMO-S533N GIAMNTWV	405	155
>SMO-S533N GIAMSTWV	20	>SMO-S533N GIAMNTWV	29	9
>SMO-S533N GIAMSTWV	334	>SMO-S533N GIAMNTWV	384	50
>SMO-S533N GIAMSTWV	6	>SMO-S533N GIAMNTWV	6	0
>SMO-S533N GIAMSTWV\	183	>SMO-S533N GIAMNTWV\	303	120
>SMO-S533N GIAMSTWV\	13	>SMO-S533N GIAMNTWV\	19	6
>SMO-S533N GIAMSTWV\	177	>SMO-S533N GIAMNTWV\	198	21
>SMO-S533N GIAMSTWV\	325	>SMO-S533N GIAMNTWV\	660	335
>SMO-S533N GIAMSTWV\	16	>SMO-S533N GIAMNTWV\	22	6
>SMO-S533N TGIAMSTWV	163	>SMO-S533N TGIAMNTWV	166	3
>SMO-S533N TGIAMSTW	127	>SMO-S533N TGIAMNTW	622	495
>SMO-S533N TGIAMSTW	199	>SMO-S533N TGIAMNTW	243	44
>SMO-S533N TGIAMSTWV	122	>SMO-S533N TGIAMNTWV	168	46
>SMO-S533N TGIAMSTW	62	>SMO-S533N TGIAMNTW	107	45
>SMO-S533N TGIAMSTWV	25	>SMO-S533N TGIAMNTWV	33	8
>SMO-S533N TGIAMSTWV	460	>SMO-S533N TGIAMNTWV	470	10
>SMO-S533N GTGIAMSTW	422	>SMO-S533N GTGIAMNTV	851	429
>SMO-S533N GTGIAMSTW	383	>SMO-S533N GTGIAMNTV	710	327
>SMO-S533N GTGIAMSTW	8	>SMO-S533N GTGIAMNTV	14	6
>SMO-S533N GTGIAMSTW	16	>SMO-S533N GTGIAMNTV	30	14



>SMO-S533N GTGIAMSTW	88	>SMO-S533N GTGIAMNTW	89	1
>SMO-S533N GTGIAMSTW	69	>SMO-S533N GTGIAMNTW	78	9
>SMO-S533N GTGIAMSTW	240	>SMO-S533N GTGIAMNTW	431	191
>SMO-S533N GTGIAMSTW	40	>SMO-S533N GTGIAMNTW	54	14
>SMO-S533N GTGIAMSTW	17	>SMO-S533N GTGIAMNTW	242	225
>SMO-S533N GTGIAMSTW	41	>SMO-S533N GTGIAMNTW	69	28
>SMO-S533N FGTGIAMSTV	67	>SMO-S533N FGTGIAMNTV	90	23
>SMO-S533N FGTGIAMSTV	157	>SMO-S533N FGTGIAMNTV	330	173
>SMO-S533N FGTGIAMSTV	36	>SMO-S533N FGTGIAMNTV	53	17
>SMO-S533N FGTGIAMSTV	162	>SMO-S533N FGTGIAMNTV	166	4
>SMO-S533N FGTGIAMSTV	188	>SMO-S533N FGTGIAMNTV	655	467
>SMO-S533N FGTGIAMSTV	386	>SMO-S533N FGTGIAMNTV	475	89
>SMO-S533N FGTGIAMSTV	55	>SMO-S533N FGTGIAMNTV	93	38
>SMO-S533N FGTGIAMSTV	100	>SMO-S533N FGTGIAMNTV	142	42
>SMO-S533N MFGTGIAMS	425	>SMO-S533N MFGTGIAMN	415	10
>SMO-S533N MFGTGIAMS	73	>SMO-S533N MFGTGIAMN	54	19
>SMO-S533N AMFGTGIAM	334	>SMO-S533N AMFGTGIAM	579	245
>SMO-S533N AMFGTGIAM	330	>SMO-S533N AMFGTGIAM	361	31
>SMO-S533N AMFGTGIAM	388	>SMO-S533N AMFGTGIAM	3813	3425
>SMO-S533N AMFGTGIAM	97	>SMO-S533N AMFGTGIAM	159	62
>SMO-S533N AMFGTGIAM	20	>SMO-S533N AMFGTGIAM	81	61
>SMO-S533N AMFGTGIAM	11	>SMO-S533N AMFGTGIAM	17	6
>SMO-S533N AMFGTGIAM	84	>SMO-S533N AMFGTGIAM	77	7
>SMO-S533N AMFGTGIAM	84	>SMO-S533N AMFGTGIAM	947	863
>SMO-S533N AMFGTGIAM	11	>SMO-S533N AMFGTGIAM	17	6
>SMO-S533N AMFGTGIAM	201	>SMO-S533N AMFGTGIAM	633	432
>SMO-S533N AMFGTGIAM	413	>SMO-S533N AMFGTGIAM	790	377
>SMO-T349I-TYQPLSGKTS'	243	>SMO-T349I-IYQPLSGKTSY	531	288
>SMO-T349I-TYQPLSGKTS'	441	>SMO-T349I-IYQPLSGKTSY	711	270
>SMO-T349I-TYQPLSGKTS'	118	>SMO-T349I-IYQPLSGKTSY	93	25
>SMO-T349I-TYQPLSGKTS'	80	>SMO-T349I-IYQPLSGKTSY	35	45
>SMO-T349I-TYQPLSGKTS'	893	>SMO-T349I-IYQPLSGKTSY	237	656
>SMO-T349I-TTYQPLSGK	41	>SMO-T349I-TIYQPLSGK	37	4
>SMO-T349I-TTYQPLSGK	11	>SMO-T349I-TIYQPLSGK	15	4
>SMO-T349I-TTYQPLSGK	159	>SMO-T349I-TIYQPLSGK	2074	1915
>SMO-T349I-TTYQPLSGK	10	>SMO-T349I-TIYQPLSGK	62	52
>SMO-T349I-WHTSFKALG`	23295	>SMO-T349I-WHTSFKALG`	253	23042
>SMO-T349I-WHTSFKALG`	8033	>SMO-T349I-WHTSFKALG`	307	7726
>SMO-T349I-GTTYQPLSGK	37	>SMO-T349I-GTIYQPLSGK	21	16
>SMO-T349I-GTTYQPLSGK	31	>SMO-T349I-GTIYQPLSGK	16	15
>SMO-T349I-GTTYQPLSGK	586	>SMO-T349I-GTIYQPLSGK	140	446
>SMO-T349I-GTTYQPLSGK	425	>SMO-T349I-GTIYQPLSGK	218	207
>SMO-T349I-LGTTYQPL	140	>SMO-T349I-LGTIYQPL	166	26

>SMO-T349I- ALGTTYQPL	541	>SMO-T349I- ALGTIYQPL	176	365
>SMO-T349I- ALGTTYQPL	41	>SMO-T349I- ALGTIYQPL	9	32
>SMO-T349I- ALGTTYQPL	107	>SMO-T349I- ALGTIYQPL	58	49
>SMO-T349I- ALGTTYQPL	20	>SMO-T349I- ALGTIYQPL	23	3
>SMO-T349I- ALGTTYQPL	27	>SMO-T349I- ALGTIYQPL	44	17
>SMO-T349I- ALGTTYQPL	32	>SMO-T349I- ALGTIYQPL	38	6
>SMO-T349I- ALGTTYQPL	276	>SMO-T349I- ALGTIYQPL	117	159
>SMO-T349I- ALGTTYQPL	4	>SMO-T349I- ALGTIYQPL	5	1
>SMO-T349I- ALGTTYQPL	237	>SMO-T349I- ALGTIYQPL	1139	902
>SMO-T349I- KALGTTYQPL	595	>SMO-T349I- KALGTIYQPL	449	146
>SMO-T349I- KALGTTYQPL	218	>SMO-T349I- KALGTIYQPL	226	8
>SMO-T349I- KALGTTYQPL	277	>SMO-T349I- KALGTIYQPL	128	149
>SMO-T349I- KALGTTYQ	1415	>SMO-T349I- KALGTIYQ	498	917
>SMO-T349I- KALGTTYQPL	71	>SMO-T349I- KALGTIYQPL	141	70
>SMO-T349I- KALGTTYQPL	105	>SMO-T349I- KALGTIYQPL	126	21
>SMO-T349I- KALGTTYQPL	204	>SMO-T349I- KALGTIYQPL	356	152
>SMO-T349I- KALGTTYQPL	13	>SMO-T349I- KALGTIYQPL	20	7
>SMO-T349I- KALGTTYQPL	524	>SMO-T349I- KALGTIYQPL	457	67
>SMO-T349I- KALGTTYQPL	129	>SMO-T349I- KALGTIYQPL	217	88
>SMO-T349I- FKALGTTYQP	256	>SMO-T349I- FKALGTIYQPI	187	69
>SMO-T349I- FKALGTTY	274	>SMO-T349I- FKALGTIY	369	95
>SMO-T349I- FKALGTTY	340	>SMO-T349I- FKALGTIY	495	155
>SMO-T349I- FKALGTTY	6	>SMO-T349I- FKALGTIY	7	1
>SMO-T349I- FKALGTTYQP	12	>SMO-T349I- FKALGTIYQPI	19	7
>SMO-T349I- FKALGTTY	298	>SMO-T349I- FKALGTIY	866	568
>SMO-T349I- FKALGTTYQP	22	>SMO-T349I- FKALGTIYQPI	19	3
>SMO-T349I- SFKALGTT	2399	>SMO-T349I- SFKALGTI	14	2385
>SMO-T349I- SFKALGTTY	92	>SMO-T349I- SFKALGTIY	167	75
>SMO-T349I- SFKALGTT	4988	>SMO-T349I- SFKALGTI	340	4648
>SMO-T349I- SFKALGTTY	493	>SMO-T349I- SFKALGTIY	270	223
>SMO-T349I- SFKALGTTY	173	>SMO-T349I- SFKALGTIY	431	258
>SMO-T349I- SFKALGTTY	80	>SMO-T349I- SFKALGTIY	101	21
>SMO-T349I- SFKALGTTY	61	>SMO-T349I- SFKALGTIY	86	25
>SMO-T349I- TSFKALGTTY	1280	>SMO-T349I- TSFKALGTIY	473	807
>SMO-T349I- TSFKALGTTY	297	>SMO-T349I- TSFKALGTIY	633	336
>SMO-T349I- TSFKALGTTY	128	>SMO-T349I- TSFKALGTIY	95	33
>SMO-T349I- TSFKALGTTY	41	>SMO-T349I- TSFKALGTIY	36	5
>SMO-T349I- TSFKALGTTY	373	>SMO-T349I- TSFKALGTIY	791	418
>SMO-T349I- TSFKALGTTY(C	229	>SMO-T349I- TSFKALGTIYC	277	48
>SMO-T349I- TSFKALGTT	5270	>SMO-T349I- TSFKALGTI	134	5136
>SMO-T349I- TSFKALGTTY	78	>SMO-T349I- TSFKALGTIY	146	68
>SMO-T349I- TSFKALGTTY	52	>SMO-T349I- TSFKALGTIY	61	9
>SMO-T349I- TSFKALGTT	5066	>SMO-T349I- TSFKALGTI	132	4934

>SMO-T349I-TSFKALGTTY	6	>SMO-T349I-TSFKALGTIY	13	7
>SMO-T349I-TSFKALGTTY	138	>SMO-T349I-TSFKALGTIY	298	160
>SMO-T349I-TSFKALGTT	880	>SMO-T349I-TSFKALGTI	80	800
>SMO-T349I-TSFKALGTTY	150	>SMO-T349I-TSFKALGTIY	143	7
>SMO-T349I-TSFKALGTTY	184	>SMO-T349I-TSFKALGTIY	1391	1207
>SMO-T349I-TSFKALGTT	16716	>SMO-T349I-TSFKALGTI	8	16708
>SMO-T349I-HTSFKALGTT	37	>SMO-T349I-HTSFKALGTIY	35	2
>SMO-T349I-HTSFKALGTT	424	>SMO-T349I-HTSFKALGTIY	2815	2391
>SMO-T349I-HTSFKALGTT	39	>SMO-T349I-HTSFKALGTIY	59	20
>SMO-T349I-HTSFKALGTT	5168	>SMO-T349I-HTSFKALGTI	334	4834
>SMO-T349I-HTSFKALGTT	130	>SMO-T349I-HTSFKALGTIY	137	7
>SMO-T349I-HTSFKALGTT	13209	>SMO-T349I-HTSFKALGTI	340	12869
>SMO-T349I-HTSFKALGTT	221	>SMO-T349I-HTSFKALGTIY	333	112
>SMO-T349I-HTSFKALGTT	807	>SMO-T349I-HTSFKALGTI	90	717
>SMO-T349I-HTSFKALGTT	57	>SMO-T349I-HTSFKALGTIY	38	19
>SMO-T349I-HTSFKALGTT	248	>SMO-T349I-HTSFKALGTIY	608	360
>SMO-T349I-HTSFKALGTT	1224	>SMO-T349I-HTSFKALGTI	26	1198
>SMO-T349I-HTSFKALGTT	3	>SMO-T349I-HTSFKALGTIY	6	3
>SMO-T349I-HTSFKALGTT	272	>SMO-T349I-HTSFKALGTIY	939	667
>SMO-T349I-HTSFKALGTT	469	>SMO-T349I-HTSFKALGTI	60	409
>SMO-T349I-HTSFKALGTT	12	>SMO-T349I-HTSFKALGTIY	15	3
>SMO-T349I-HTSFKALGTT	209	>SMO-T349I-HTSFKALGTIY	1259	1050
>SMO-T349I-HTSFKALGTT	68	>SMO-T349I-HTSFKALGTIY	86	18
>SMO-T349I-HTSFKALGTT	26058	>SMO-T349I-HTSFKALGTI	107	25951
>SMO-T640AVTPVATPV	444	>SMO-T640AVAPVATPV	1239	795
>SMO-T640AVTPVATPV	120	>SMO-T640AVAPVATPV	184	64
>SMO-T640AVTPVATPV	47	>SMO-T640AVAPVATPV	294	247
>SMO-T640AVTPVATPV	5	>SMO-T640AVAPVATPV	48	43
>SMO-T640AVTPVATPVP	56	>SMO-T640AVAPVATPVP	1113	1057
>SMO-T640AVTPVATPVPP	184	>SMO-T640AVAPVATPVPP	3194	3010
>SMO-T640AVTPVATPVPP	54	>SMO-T640AVAPVATPVPP	1043	989
>SMO-T640ASVTPVATPV	546	>SMO-T640ASVAPVATPV	100	446
>SMO-T640ASVTPVATPV	130	>SMO-T640ASVAPVATPV	16	114
>SMO-T640ASVTPVATPV	29	>SMO-T640ASVAPVATPV	7	22
>SMO-T640ASVTPVATPV	10	>SMO-T640ASVAPVATPV	6	4
>SMO-T640ASVTPVATPV	78	>SMO-T640ASVAPVATPV	30	48
>SMO-T640ASVTPVATPV	739	>SMO-T640ASVAPVATPV	444	295
>SMO-T640ASVTPVATPV	30	>SMO-T640ASVAPVATPV	18	12
>SMO-T640ASVTPVATPV	9	>SMO-T640ASVAPVATPV	8	1
>SMO-T640ASVTPVATPV	6	>SMO-T640ASVAPVATPV	5	1
>SMO-T640ASVTPVATPV	25	>SMO-T640ASVAPVATPV	8	17
>SMO-T640ASVTPVATPV	74	>SMO-T640ASVAPVATPV	29	45
>SMO-T640ASVTPVATPV	694	>SMO-T640ASVAPVATPV	306	388

>SMO-T640A ISVTPVATPV	189	>SMO-T640A ISVAPVATPV	215	26
>SMO-T640A ISVTPVATPV	36	>SMO-T640A ISVAPVATPV	23	13
>SMO-T640A ISVTPVATPV	563	>SMO-T640A ISVAPVATPV	467	96
>SMO-T640A DISVTPVATP\	62	>SMO-T640A DISVAPVATP'	32	30
>SMO-T640A DISVTPVATP\	58	>SMO-T640A DISVAPVATP'	54	4
>SMO-T640A QDISVTPV	432	>SMO-T640A QDISVAPV	348	84
>SMO-T640A QDISVTPV	243	>SMO-T640A QDISVAPV	218	25
>SMO-T640A QDISVTPV	213	>SMO-T640A QDISVAPV	145	68
>SMO-T640A PQDISVTPV	357	>SMO-T640A PQDISVAPV	283	74
>SMO-T640A PQDISVTPV	1108	>SMO-T640A PQDISVAPV	488	620
>SMO-T640A LPQDISVTPV	88	>SMO-T640A LPQDISVAPV	101	13
>SMO-T640A LPQDISVT	412	>SMO-T640A LPQDISVA	497	85
>SMO-T640A LPQDISVTP	972	>SMO-T640A LPQDISVAP	331	641
>SMO-T640A LPQDISVTPV,	164	>SMO-T640A LPQDISVAPV,	214	50
>SMO-T640A LPQDISVT	520	>SMO-T640A LPQDISVA	24	496
>SMO-T640A LPQDISVTP	686	>SMO-T640A LPQDISVAP	209	477
>SMO-T640A LPQDISVTPV	18	>SMO-T640A LPQDISVAPV	14	4
>SMO-T640A LPQDISVTPV,	12	>SMO-T640A LPQDISVAPV,	12	0
>SMO-T640A ILPQDISVTPV	42	>SMO-T640A ILPQDISVAPV	34	8
>SMO-T640A ILPQDISVT	2675	>SMO-T640A ILPQDISVA	490	2185
>SMO-T640A ILPQDISVTPV	16	>SMO-T640A ILPQDISVAPV	17	1
>SMO-T640A ILPQDISVT	533	>SMO-T640A ILPQDISVA	30	503
>SMO-T640A ILPQDISVTPV	3	>SMO-T640A ILPQDISVAPV	3	0
>SMO-T640A ILPQDISVTPV	26	>SMO-T640A ILPQDISVAPV	26	0
>SMO-T640A ILPQDISVT	432	>SMO-T640A ILPQDISVA	60	372
>SMO-T640A ILPQDISVTPV	3	>SMO-T640A ILPQDISVAPV	2	1
>SMO-T640A ILPQDISVTPV	15	>SMO-T640A ILPQDISVAPV	7	8
>SMO-T640A ILPQDISVT	3906	>SMO-T640A ILPQDISVA	437	3469
>SMO-T640A ILPQDISVTPV	7	>SMO-T640A ILPQDISVAPV	7	0
>SMO-T640A ILPQDISVTPV	9	>SMO-T640A ILPQDISVAPV	5	4
>SMO-T640A ILPQDISVT	56	>SMO-T640A ILPQDISVA	11	45
>SMO-T640A ILPQDISVTPV	2	>SMO-T640A ILPQDISVAPV	2	0
>SMO-T640A ILPQDISVTPV	733	>SMO-T640A ILPQDISVAPV	253	480
>SMO-T640A AILPQDISVT	1174	>SMO-T640A AILPQDISVA	468	706
>SMO-T640A AILPQDISVT	1661	>SMO-T640A AILPQDISVA	169	1492
>SMO-V404M VLAPIGLV	34	>SMO-V404M MLAPIGLV	15	19
>SMO-V404M VLAPIGLVL	177	>SMO-V404M MLAPIGLVL	39	138
>SMO-V404M VLAPIGLVLI	229	>SMO-V404M MLAPIGLVLI	52	177
>SMO-V404M VLAPIGLVLIV	32	>SMO-V404M MLAPIGLVLIV	15	17
>SMO-V404M VLAPIGLV	6	>SMO-V404M MLAPIGLV	3	3
>SMO-V404M VLAPIGLVL	24	>SMO-V404M MLAPIGLVL	6	18
>SMO-V404M VLAPIGLVLI	65	>SMO-V404M MLAPIGLVLI	18	47
>SMO-V404M VLAPIGLVLIV	13	>SMO-V404M MLAPIGLVLIV	4	9

>SMO-V404M VLAPIGLV	4	>SMO-V404M MLAPIGLV	2	2
>SMO-V404M VLAPIGLVL	43	>SMO-V404M MLAPIGLVL	11	32
>SMO-V404M VLAPIGLVLI	74	>SMO-V404M MLAPIGLVLI	23	51
>SMO-V404M VLAPIGLVLIV	5	>SMO-V404M MLAPIGLVLIV	3	2
>SMO-V404M VLAPIGLV	24	>SMO-V404M MLAPIGLV	9	15
>SMO-V404M VLAPIGLVL	238	>SMO-V404M MLAPIGLVL	44	194
>SMO-V404M VLAPIGLVLI	521	>SMO-V404M MLAPIGLVLI	118	403
>SMO-V404M VLAPIGLVLIV	27	>SMO-V404M MLAPIGLVLIV	10	17
>SMO-V404M VLAPIGLV	3	>SMO-V404M MLAPIGLV	2	1
>SMO-V404M VLAPIGLVL	21	>SMO-V404M MLAPIGLVL	13	8
>SMO-V404M VLAPIGLVLI	13	>SMO-V404M MLAPIGLVLI	8	5
>SMO-V404M VLAPIGLVLIV	5	>SMO-V404M MLAPIGLVLIV	3	2
>SMO-V404M VLAPIGLV	17	>SMO-V404M MLAPIGLV	12	5
>SMO-V404M VLAPIGLVL	105	>SMO-V404M MLAPIGLVL	58	47
>SMO-V404M VLAPIGLVLI	74	>SMO-V404M MLAPIGLVLI	38	36
>SMO-V404M VLAPIGLVLIV	11	>SMO-V404M MLAPIGLVLIV	8	3
>SMO-V404M VLAPIGLV	7	>SMO-V404M MLAPIGLV	7	0
>SMO-V404M VLAPIGLVL	19	>SMO-V404M MLAPIGLVL	19	0
>SMO-V404M VLAPIGLVLI	14	>SMO-V404M MLAPIGLVLI	13	1
>SMO-V404M VLAPIGLVLIV	6	>SMO-V404M MLAPIGLVLIV	6	0
>SMO-V404M VLAPIGLV	6	>SMO-V404M MLAPIGLV	5	1
>SMO-V404M VLAPIGLVL	37	>SMO-V404M MLAPIGLVL	31	6
>SMO-V404M VLAPIGLVLI	42	>SMO-V404M MLAPIGLVLI	31	11
>SMO-V404M VLAPIGLVLIV	5	>SMO-V404M MLAPIGLVLIV	5	0
>SMO-V404M VLAPIGLV	2	>SMO-V404M MLAPIGLV	2	0
>SMO-V404M VLAPIGLVL	4	>SMO-V404M MLAPIGLVL	3	1
>SMO-V404M VLAPIGLVLI	4	>SMO-V404M MLAPIGLVLI	3	1
>SMO-V404M VLAPIGLVLIV	2	>SMO-V404M MLAPIGLVLIV	2	0
>SMO-V404M VLAPIGLV	287	>SMO-V404M MLAPIGLV	10	277
>SMO-V404M VLAPIGLVL	5344	>SMO-V404M MLAPIGLVL	315	5029
>SMO-V404M VLAPIGLVLIV	1649	>SMO-V404M MLAPIGLVLIV	54	1595
>SMO-V404M VLAPIGLV	2689	>SMO-V404M MLAPIGLV	102	2587
>SMO-V404M VLAPIGLVLIV	5560	>SMO-V404M MLAPIGLVLIV	377	5183
>SMO-V404M VLAPIGLVL	1050	>SMO-V404M MLAPIGLVL	291	759
>SMO-V404M VLAPIGLVL	328	>SMO-V404M MLAPIGLVL	150	178
>SMO-V404M VLAPIGLVL	1284	>SMO-V404M MLAPIGLVL	476	808
>SMO-V404M VLAPIGLVL	4053	>SMO-V404M MLAPIGLVL	237	3816
>SMO-V404M FVLAPIGL	41	>SMO-V404M FMLAPIGL	9	32
>SMO-V404M FVLAPIGLV	26	>SMO-V404M FMLAPIGLV	8	18
>SMO-V404M FVLAPIGLVL	255	>SMO-V404M FMLAPIGLVL	23	232
>SMO-V404M FVLAPIGLVLI	42	>SMO-V404M FMLAPIGLVLI	10	32
>SMO-V404M FVLAPIGL	211	>SMO-V404M FMLAPIGL	14	197
>SMO-V404M FVLAPIGLV	84	>SMO-V404M FMLAPIGLV	8	76

>SMO-V404M FVLAPIGLVL	93	>SMO-V404M FMLAPIGLVL	14	79
>SMO-V404M FVLAPIGLVLI	128	>SMO-V404M FMLAPIGLVLI	13	115
>SMO-V404M FVLAPIGL	289	>SMO-V404M FMLAPIGL	13	276
>SMO-V404M FVLAPIGLV	14	>SMO-V404M FMLAPIGLV	3	11
>SMO-V404M FVLAPIGLVL	202	>SMO-V404M FMLAPIGLVL	35	167
>SMO-V404M FVLAPIGLVLI	99	>SMO-V404M FMLAPIGLVLI	8	91
>SMO-V404M FVLAPIGL	10	>SMO-V404M FMLAPIGL	8	2
>SMO-V404M FVLAPIGLV	4	>SMO-V404M FMLAPIGLV	4	0
>SMO-V404M FVLAPIGLVL	53	>SMO-V404M FMLAPIGLVL	41	12
>SMO-V404M FVLAPIGLVLI	8	>SMO-V404M FMLAPIGLVLI	7	1
>SMO-V404M FVLAPIGL	7	>SMO-V404M FMLAPIGL	1	6
>SMO-V404M FVLAPIGLV	3	>SMO-V404M FMLAPIGLV	1	2
>SMO-V404M FVLAPIGLVL	22	>SMO-V404M FMLAPIGLVL	2	20
>SMO-V404M FVLAPIGLVLI	11	>SMO-V404M FMLAPIGLVLI	2	9
>SMO-V404M FVLAPIGL	94	>SMO-V404M FMLAPIGL	4	90
>SMO-V404M FVLAPIGLV	76	>SMO-V404M FMLAPIGLV	3	73
>SMO-V404M FVLAPIGLVL	633	>SMO-V404M FMLAPIGLVL	5	628
>SMO-V404M FVLAPIGLVLI	326	>SMO-V404M FMLAPIGLVLI	6	320
>SMO-V404M FVLAPIGL	52	>SMO-V404M FMLAPIGL	5	47
>SMO-V404M FVLAPIGLV	18	>SMO-V404M FMLAPIGLV	4	14
>SMO-V404M FVLAPIGLVL	183	>SMO-V404M FMLAPIGLVL	7	176
>SMO-V404M FVLAPIGLVLI	104	>SMO-V404M FMLAPIGLVLI	7	97
>SMO-V404M FVLAPIGL	75	>SMO-V404M FMLAPIGL	3	72
>SMO-V404M FVLAPIGLV	73	>SMO-V404M FMLAPIGLV	2	71
>SMO-V404M FVLAPIGLVL	740	>SMO-V404M FMLAPIGLVL	7	733
>SMO-V404M FVLAPIGLVLI	656	>SMO-V404M FMLAPIGLVLI	8	648
>SMO-V404M FVLAPIGL	24	>SMO-V404M FMLAPIGL	2	22
>SMO-V404M FVLAPIGLV	5	>SMO-V404M FMLAPIGLV	2	3
>SMO-V404M FVLAPIGLVL	66	>SMO-V404M FMLAPIGLVL	3	63
>SMO-V404M FVLAPIGLVLI	74	>SMO-V404M FMLAPIGLVLI	3	71
>SMO-V404M FVLAPIGL	87	>SMO-V404M FMLAPIGL	2946	2859
>SMO-V404M FVLAPIGLV	8	>SMO-V404M FMLAPIGLV	224	216
>SMO-V404M FVLAPIGLVLI	28	>SMO-V404M FMLAPIGLVLI	1358	1330
>SMO-V404M FVLAPIGL	13	>SMO-V404M FMLAPIGL	40	27
>SMO-V404M FVLAPIGLV	7	>SMO-V404M FMLAPIGLV	13	6
>SMO-V404M FVLAPIGLVL	102	>SMO-V404M FMLAPIGLVL	441	339
>SMO-V404M FVLAPIGLVLI	20	>SMO-V404M FMLAPIGLVLI	56	36
>SMO-V404M FVLAPIGLVL	2035	>SMO-V404M FMLAPIGLVL	205	1830
>SMO-V404M FVLAPIGL	2103	>SMO-V404M FMLAPIGL	216	1887
>SMO-V404M FVLAPIGLV	2197	>SMO-V404M FMLAPIGLV	185	2012
>SMO-V404M FVLAPIGLVL	1134	>SMO-V404M FMLAPIGLVL	108	1026
>SMO-V404M FVLAPIGL	4063	>SMO-V404M FMLAPIGL	63	4000
>SMO-V404M FVLAPIGLVL	1673	>SMO-V404M FMLAPIGLVL	35	1638

>SMO-V404M FVLAPIGLVLI	6518	>SMO-V404M FMLAPIGLVLI	202	6316
>SMO-V404M FVLAPIGL	1104	>SMO-V404M FMLAPIGL	82	1022
>SMO-V404M FVLAPIGLVL	246	>SMO-V404M FMLAPIGLVL	29	217
>SMO-V404M FVLAPIGL	10732	>SMO-V404M FMLAPIGL	424	10308
>SMO-V404M FVLAPIGLVL	6916	>SMO-V404M FMLAPIGLVL	228	6688
>SMO-V404M FVLAPIGLVLI	198	>SMO-V404M FMLAPIGLVLI	736	538
>SMO-V404M YKNYRYRAGF	135	>SMO-V404M YKNYRYRAGF	311	176
>SMO-V404M YKNYRYRAGF	254	>SMO-V404M YKNYRYRAGF	63	191
>SMO-V404M GFVLAPIGLVI	1517	>SMO-V404M GFMLAPIGLV	207	1310
>SMO-V404M AGFVLAPI	204	>SMO-V404M AGFMLAPI	145	59
>SMO-V404M AGFVLAPI	244	>SMO-V404M AGFMLAPI	331	87
>SMO-V404M RAGFVLAPI	598	>SMO-V404M RAGFMLAPI	409	189
>SMO-V404M RAGFVLAPI	150	>SMO-V404M RAGFMLAPI	161	11
>SMO-V404M RAGFVLAPI	676	>SMO-V404M RAGFMLAPI	138	538
>SMO-V404M RAGFVLAPIG	246	>SMO-V404M RAGFMLAPIC	88	158
>SMO-V404M RAGFVLAPI	102	>SMO-V404M RAGFMLAPI	149	47
>SMO-V404M YRAGFVLAPI	368	>SMO-V404M YRAGFMLAPI	355	13
>SMO-V404M YRAGFVLAPI	256	>SMO-V404M YRAGFMLAPI	278	22
>SMO-V404M YRAGFVLAPI	309	>SMO-V404M YRAGFMLAPI	444	135
>SMO-V404M YRAGFVLA	149	>SMO-V404M YRAGFMLA	248	99
>SMO-V404M YRAGFVLAP	446	>SMO-V404M YRAGFMLAP	687	241
>SMO-V404M YRAGFVLAPI	236	>SMO-V404M YRAGFMLAPI	397	161
>SMO-V404M YRAGFVLAPI	43	>SMO-V404M YRAGFMLAPI	50	7
>SMO-V404M RYRAGFVL	362	>SMO-V404M RYRAGFML	578	216
>SMO-V404M RYRAGFVLAP	18	>SMO-V404M RYRAGFMLAI	15	3
>SMO-V404M RYRAGFVL	285	>SMO-V404M RYRAGFML	250	35
>SMO-V404M RYRAGFVLAP	171	>SMO-V404M RYRAGFMLAI	157	14
>SMO-V404M RYRAGFVL	178	>SMO-V404M RYRAGFML	166	12
>SMO-V404M RYRAGFVLAP	123	>SMO-V404M RYRAGFMLAI	120	3
>SMO-V404M RYRAGFVL	6	>SMO-V404M RYRAGFML	5	1
>SMO-V404M RYRAGFVLA	502	>SMO-V404M RYRAGFMLA	202	300
>SMO-V404M RYRAGFVLAP	14	>SMO-V404M RYRAGFMLAI	16	2
>SMO-V404M RYRAGFVL	6	>SMO-V404M RYRAGFML	6	0
>SMO-V404M RYRAGFVLA	4	>SMO-V404M RYRAGFMLA	3	1
>SMO-V404M RYRAGFVLAP	11	>SMO-V404M RYRAGFMLAI	9	2
>SMO-V404M RYRAGFVLAP	3	>SMO-V404M RYRAGFMLAI	3	0
>SMO-V404M YRYRAGFV	393	>SMO-V404M YRYRAGFM	9939	9546
>SMO-V404M YRYRAGFV	323	>SMO-V404M YRYRAGFM	112	211
>SMO-V404M YRYRAGFVL	13	>SMO-V404M YRYRAGFML	20	7
>SMO-V404M YRYRAGFVLA	184	>SMO-V404M YRYRAGFMLA	193	9
>SMO-V404M YRYRAGFVLA	188	>SMO-V404M YRYRAGFMLA	311	123
>SMO-V404M YRYRAGFV	37	>SMO-V404M YRYRAGFM	15	22
>SMO-V404M YRYRAGFVL	14	>SMO-V404M YRYRAGFML	11	3

>SMO-V404M YRYRAGFVLA	185	>SMO-V404M YRYRAGFML/	192	7
>SMO-V404M YRYRAGFVLA	181	>SMO-V404M YRYRAGFML/	199	18
>SMO-V404M YRYRAGFVL	13	>SMO-V404M YRYRAGFML	50	37
>SMO-V404M YRYRAGFVL	450	>SMO-V404M YRYRAGFML	542	92
>SMO-V404M YRYRAGFVLA	151	>SMO-V404M YRYRAGFML/	163	12
>SMO-V404M YRYRAGFVLA	489	>SMO-V404M YRYRAGFML/	456	33
>SMO-V404M YRYRAGFVL	90	>SMO-V404M YRYRAGFML	101	11
>SMO-V404M YRYRAGFVLA	932	>SMO-V404M YRYRAGFML/	337	595
>SMO-V404M YRYRAGFVL	64	>SMO-V404M YRYRAGFML	39	25
>SMO-V404M YRYRAGFVLA	348	>SMO-V404M YRYRAGFML/	185	163
>SMO-V404M NYRYRAGFVL	186	>SMO-V404M NYRYRAGFM	272	86
>SMO-V404M NYRYRAGFVL	159	>SMO-V404M NYRYRAGFM	207	48
>SMO-V404M NYRYRAGFVL	79	>SMO-V404M NYRYRAGFM	51	28
>SMO-V404M NYRYRAGFV	176	>SMO-V404M NYRYRAGFM	283	107
>SMO-V404M NYRYRAGFVL	177	>SMO-V404M NYRYRAGFM	70	107
>SMO-V404M KNYRYRAGFV	447	>SMO-V404M KNYRYRAGFM	410	37
>SMO-V404M KNYRYRAGFV	77	>SMO-V404M KNYRYRAGFM	41	36
>SMO-V404M KNYRYRAGFV	121	>SMO-V404M KNYRYRAGFM	452	331
>SMO-V404M KNYRYRAGFV	300	>SMO-V404M KNYRYRAGFM	484	184
>SMO-V404M KNYRYRAGFV	223	>SMO-V404M KNYRYRAGFM	231	8
>SMO-W535 WVWTKATLL	399	>SMO-W535 LVWTKATLLI	593	194
>SMO-W535 WVWTKATLL	422	>SMO-W535 LVWTKATLL	447	25
>SMO-W535 WVWTKATLL	306	>SMO-W535 LVWTKATLLI	256	50
>SMO-W535 WVWTKATL	249	>SMO-W535 LVWTKATL	678	429
>SMO-W535 WVWTKATLL	209	>SMO-W535 LVWTKATLL	538	329
>SMO-W535 WVWTKATLL	435	>SMO-W535 LVWTKATLLI	359	76
>SMO-W535 WVWTKATL	194	>SMO-W535 LVWTKATL	257	63
>SMO-W535 WVWTKATL	241	>SMO-W535 LVWTKATL	977	736
>SMO-W535 WVWTKATL	114	>SMO-W535 LVWTKATL	66	48
>SMO-W535 WVWTKATLL	325	>SMO-W535 LVWTKATLL	184	141
>SMO-W535 WVWTKATLL	483	>SMO-W535 LVWTKATLL	2704	2221
>SMO-W535 WVWTKATL	301	>SMO-W535 LVWTKATL	1941	1640
>SMO-W535 WVWTKATLL	140	>SMO-W535 LVWTKATLLI	890	750
>SMO-W535 WVWTKATL	285	>SMO-W535 LVWTKATL	183	102
>SMO-W535 WVWTKATLL	21	>SMO-W535 LVWTKATLLI	24	3
>SMO-W535 WVWTKATL	328	>SMO-W535 LVWTKATL	1239	911
>SMO-W535 WVWTKATLL	437	>SMO-W535 LVWTKATLLI	195	242
>SMO-W535 WVWTKATLL	483	>SMO-W535 LVWTKATLLI	203	280
>SMO-W535 WVWTKATLL	56	>SMO-W535 LVWTKATLLI	25	31
>SMO-W535 WVWTKATLL	162	>SMO-W535 LVWTKATLL	396	234
>SMO-W535 WVWTKATLL	96	>SMO-W535 LVWTKATLLI	73	23
>SMO-W535 TWVWTKATL	374	>SMO-W535 TLVWTKATL	3444	3070
>SMO-W535 TWVWTKATL	20388	>SMO-W535 TLVWTKATLL	422	19966



>SMO-W535 TWVWTKATL	14725	>SMO-W535 TLVWTKATLL	197	14528
>SMO-W535 TWVWTKATL	12657	>SMO-W535 TLVWTKATLL	353	12304
>SMO-W535 TWVWTKATL	20630	>SMO-W535 TLVWTKATL	230	20400
>SMO-W535 TWVWTKATL	20352	>SMO-W535 TLVWTKATLL	285	20067
>SMO-W535 TWVWTKATL	15113	>SMO-W535 TLVWTKATLL	101	15012
>SMO-W535 TWVWTKATL	15482	>SMO-W535 TLVWTKATL	16	15466
>SMO-W535 TWVWTKATL	21238	>SMO-W535 TLVWTKATLL	108	21130
>SMO-W535 TWVWTKATL	18954	>SMO-W535 TLVWTKATLL	59	18895
>SMO-W535 TWVWTKATL	22112	>SMO-W535 TLVWTKATL	144	21968
>SMO-W535 TWVWTKATL	23349	>SMO-W535 TLVWTKATL	83	23266
>SMO-W535 TWVWTKATL	23643	>SMO-W535 TLVWTKATLL	213	23430
>SMO-W535 TWVWTKATL	23458	>SMO-W535 TLVWTKATLL	158	23300
>SMO-W535 TWVWTKATL	26077	>SMO-W535 TLVWTKATL	423	25654
>SMO-W535 TWVWTKAT	36410	>SMO-W535 TLVWTKAT	488	35922
>SMO-W535 TWVWTKATL	19908	>SMO-W535 TLVWTKATL	4	19904
>SMO-W535 TWVWTKATL	24621	>SMO-W535 TLVWTKATLL	9	24612
>SMO-W535 TWVWTKATL	29774	>SMO-W535 TLVWTKATLL	20	29754
>SMO-W535 TWVWTKATL	131	>SMO-W535 TLVWTKATLL	12778	12647
>SMO-W535 TWVWTKATL	152	>SMO-W535 TLVWTKATLL	3640	3488
>SMO-W535 TWVWTKATL	495	>SMO-W535 TLVWTKATLL	21270	20775
>SMO-W535 TWVWTKATL	128	>SMO-W535 TLVWTKATLL	3552	3424
>SMO-W535 TWVWTKATL	9643	>SMO-W535 TLVWTKATLL	311	9332
>SMO-W535 TWVWTKATL	808	>SMO-W535 TLVWTKATL	106	702
>SMO-W535 TWVWTKAT	59	>SMO-W535 TLVWTKAT	11195	11136
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>SMO-W535 TWVWTKATL	350	>SMO-W535 TLVWTKATLL	19019	18669
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>SMO-W535 MFGTGIAMS	425	>SMO-W535 MFGTGIAMS	932	507
>SMO-W535 MFGTGIAMS	73	>SMO-W535 MFGTGIAMS	46	27
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>SMO-W535 STVWTKAT	389	>SMO-W535 STLWTKATL	274	115
>SMO-W535 STVWTKAT	235	>SMO-W535 STLWTKATL	205	30
>SMO-W535 STVWTKAT	394	>SMO-W535 STLWTKATL	179	215
>SMO-W535 STVWTKAT	51	>SMO-W535 STLWTKATL	129	78
>SMO-W535 STVWTKAT	366	>SMO-W535 STLWTKATL	889	523
>SMO-W535 STVWTKA	361	>SMO-W535 STLWTKA	921	560
>SMO-W535 STVWTKAT	198	>SMO-W535 STLWTKATL	490	292
>SMO-W535 STVWTKAT	432	>SMO-W535 STLWTKATL	975	543
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>SMO-W535 STVWTKAT	39	>SMO-W535 STLWTKATL	73	34
>SMO-W535 STVWTKAT	117	>SMO-W535 STLWTKATL	312	195
>SMO-W535 STVWTKAT	115	>SMO-W535 STLWTKATL	498	383
>SMO-W535 STVWTKAT	446	>SMO-W535 STLWTKATL	1460	1014

>SMO-W535 STWVWTKA	194	>SMO-W535 STLVWTKA	238	44
>SMO-W535 STWVWTKAT	444	>SMO-W535 STLVWTKAT	587	143
>SMO-W535 STWVWTKAT	27	>SMO-W535 STLVWTKATL	33	6
>SMO-W535 STWVWTKAT	72	>SMO-W535 STLVWTKATL	92	20
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>SMO-W535 STWVWTKAT	13	>SMO-W535 STLVWTKATL	18	5
>SMO-W535 STWVWTKAT	237	>SMO-W535 STLVWTKATL	919	682
>SMO-W535 STWVWTKAT	171	>SMO-W535 STLVWTKATL	673	502
>SMO-W535 STWVWTKAT	1248	>SMO-W535 STLVWTKATL	128	1120
>SMO-W535 STWVWTKAT	41	>SMO-W535 STLVWTKATL	26	15
>SMO-W535 STWVWTKAT	59	>SMO-W535 STLVWTKATL	196	137
>SMO-W535 MSTWVWTK	272	>SMO-W535 MSTLVWTK	708	436
>SMO-W535 MSTWVWTK	14	>SMO-W535 MSTLVWTK	25	11
>SMO-W535 MSTWVWTK	364	>SMO-W535 MSTLVWTK	209	155
>SMO-W535 MSTWVWTK	77	>SMO-W535 MSTLVWTK	163	86
>SMO-W535 MSTWVWTK	6	>SMO-W535 MSTLVWTK	13	7
>SMO-W535 MSTWVWTK.	49	>SMO-W535 MSTLVWTKA	107	58
>SMO-W535 MSTWVWTK.	88	>SMO-W535 MSTLVWTKA	167	79
>SMO-W535 MSTWVWTK.	14	>SMO-W535 MSTLVWTKA	19	5
>SMO-W535 MSTWVWTK.	339	>SMO-W535 MSTLVWTKA	1653	1314
>SMO-W535 MSTWVWTK.	62	>SMO-W535 MSTLVWTKA	241	179
>SMO-W535 MSTWVWTK.	123	>SMO-W535 MSTLVWTKA	179	56
>SMO-W535 MSTWVWTK.	51	>SMO-W535 MSTLVWTKA	78	27
>SMO-W535 MSTWVWTK.	349	>SMO-W535 MSTLVWTKA	1581	1232
>SMO-W535 MSTWVWTK.	107	>SMO-W535 MSTLVWTKA	274	167
>SMO-W535 AMSTWVWT	183	>SMO-W535 AMSTLVWT	312	129
>SMO-W535 AMSTWVWT	178	>SMO-W535 AMSTLVWT	54	124
>SMO-W535 AMSTWVWT	60	>SMO-W535 AMSTLVWTK	156	96
>SMO-W535 AMSTWVWT	626	>SMO-W535 AMSTLVWTK	388	238
>SMO-W535 AMSTWVWT	116	>SMO-W535 AMSTLVWT	73	43
>SMO-W535 AMSTWVWT	55	>SMO-W535 AMSTLVWTK	134	79
>SMO-W535 AMSTWVWT	63	>SMO-W535 AMSTLVWTK	107	44
>SMO-W535 AMSTWVWT	63	>SMO-W535 AMSTLVWT	201	138
>SMO-W535 AMSTWVWT	38	>SMO-W535 AMSTLVWTK	474	436
>SMO-W535 AMSTWVWT	12	>SMO-W535 AMSTLVWTK	58	46
>SMO-W535 AMSTWVWT	60	>SMO-W535 AMSTLVWTK	217	157
>SMO-W535 AMSTWVWT	274	>SMO-W535 AMSTLVWTK	697	423
>SMO-W535 AMSTWVWT	187	>SMO-W535 AMSTLVWT	458	271
>SMO-W535 AMSTWVWT	20	>SMO-W535 AMSTLVWTK	43	23
>SMO-W535 AMSTWVWT	143	>SMO-W535 AMSTLVWTK	692	549
>SMO-W535 AMSTWVWT	22	>SMO-W535 AMSTLVWT	38	16
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>SMO-W535 AMSTWVWT	60	>SMO-W535 AMSTLVWTK	212	152
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>SMO-W535 AMSTWVWT	336	>SMO-W535 AMSTLVWTK	469	133
>SMO-W535 IAMSTWVWT	212	>SMO-W535 IAMSTLVWTf	246	34
>SMO-W535 IAMSTWVWT	73	>SMO-W535 IAMSTLVWTf	51	22
>SMO-W535 IAMSTWVWT	18	>SMO-W535 IAMSTLVWTf	15	3
>SMO-W535 IAMSTWVWT	232	>SMO-W535 IAMSTLVWTf	413	181
>SMO-W535 IAMSTWVWT	257	>SMO-W535 IAMSTLVWTf	414	157
>SMO-W535 IAMSTWVWT	37	>SMO-W535 IAMSTLVWTf	40	3
>SMO-W535 IAMSTWVW	232	>SMO-W535 IAMSTLVW	176	56
>SMO-W535 IAMSTWVW	7	>SMO-W535 IAMSTLVW	5	2
>SMO-W535 IAMSTWVW	16	>SMO-W535 IAMSTLVW	24	8
>SMO-W535 IAMSTWVW	31	>SMO-W535 IAMSTLVW	35	4
>SMO-W535 IAMSTWVW	8	>SMO-W535 IAMSTLVW	9	1
>SMO-W535 IAMSTWVW	20	>SMO-W535 IAMSTLVW	24	4
>SMO-W535 IAMSTWVW	298	>SMO-W535 IAMSTLVW	743	445
>SMO-W535 IAMSTWVWT	410	>SMO-W535 IAMSTLVWTf	2349	1939
>SMO-W535 IAMSTWVWT	231	>SMO-W535 IAMSTLVWTf	646	415
>SMO-W535 GIAMSTWV	143	>SMO-W535 GIAMSTLV	200	57
>SMO-W535 GIAMSTWV	15	>SMO-W535 GIAMSTLV	22	7
>SMO-W535 GIAMSTWV	7	>SMO-W535 GIAMSTLV	9	2
>SMO-W535 GIAMSTWV	63	>SMO-W535 GIAMSTLV	76	13
>SMO-W535 GIAMSTWV	89	>SMO-W535 GIAMSTLV	254	165
>SMO-W535 GIAMSTWV	20	>SMO-W535 GIAMSTLV	36	16
>SMO-W535 GIAMSTWV	334	>SMO-W535 GIAMSTLV	1020	686
>SMO-W535 GIAMSTWV	6	>SMO-W535 GIAMSTLV	12	6
>SMO-W535 GIAMSTWVW	183	>SMO-W535 GIAMSTLVW	152	31
>SMO-W535 GIAMSTWVW	13	>SMO-W535 GIAMSTLVW	14	1
>SMO-W535 GIAMSTWVW	177	>SMO-W535 GIAMSTLVW	232	55
>SMO-W535 GIAMSTWVW	809	>SMO-W535 GIAMSTLVW	156	653
>SMO-W535 GIAMSTWVW	325	>SMO-W535 GIAMSTLVW	3035	2710
>SMO-W535 GIAMSTWVW	16	>SMO-W535 GIAMSTLVW	23	7
>SMO-W535 TGIAMSTW	17976	>SMO-W535 TGIAMSTL	323	17653
>SMO-W535 TGIAMSTWV	163	>SMO-W535 TGIAMSTLV	78	85
>SMO-W535 TGIAMSTW	127	>SMO-W535 TGIAMSTL	1450	1323
>SMO-W535 TGIAMSTWV	539	>SMO-W535 TGIAMSTLVV	174	365
>SMO-W535 TGIAMSTW	199	>SMO-W535 TGIAMSTL	20252	20053
>SMO-W535 TGIAMSTWV	122	>SMO-W535 TGIAMSTLVV	394	272
>SMO-W535 TGIAMSTW	62	>SMO-W535 TGIAMSTL	14738	14676
>SMO-W535 TGIAMSTWV	25	>SMO-W535 TGIAMSTLVV	22	3
>SMO-W535 TGIAMSTWV	460	>SMO-W535 TGIAMSTLVV	469	9

>SMO-W535 GTGIAMSTW	422	>SMO-W535 GTGIAMSTLV	585	163
>SMO-W535 GTGIAMSTW	383	>SMO-W535 GTGIAMSTLV	833	450
>SMO-W535 GTGIAMSTW	8	>SMO-W535 GTGIAMSTL	9	1
>SMO-W535 GTGIAMSTW	16	>SMO-W535 GTGIAMSTLV	8	8
>SMO-W535 GTGIAMSTW	88	>SMO-W535 GTGIAMSTL	17939	17851
>SMO-W535 GTGIAMSTW	69	>SMO-W535 GTGIAMSTLV	159	90
>SMO-W535 GTGIAMSTW	240	>SMO-W535 GTGIAMSTL	17216	16976
>SMO-W535 GTGIAMSTW	40	>SMO-W535 GTGIAMSTLV	52	12
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>SMO-W535 GTGIAMSTW	17	>SMO-W535 GTGIAMSTL	12	5
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>SMO-W535 GTGIAMSTW	738	>SMO-W535 GTGIAMSTLV	285	453
>SMO-W535 GTGIAMSTW	25114	>SMO-W535 GTGIAMSTL	325	24789
>SMO-W535 FGTGIAMSTV	67	>SMO-W535 FGTGIAMSTL	58	9
>SMO-W535 FGTGIAMSTV	157	>SMO-W535 FGTGIAMSTL	127	30
>SMO-W535 FGTGIAMSTV	36	>SMO-W535 FGTGIAMSTL	85	49
>SMO-W535 FGTGIAMSTV	162	>SMO-W535 FGTGIAMSTL	85	77
>SMO-W535 FGTGIAMSTV	188	>SMO-W535 FGTGIAMSTL	1887	1699
>SMO-W535 FGTGIAMSTV	386	>SMO-W535 FGTGIAMSTL	21359	20973
>SMO-W535 FGTGIAMSTV	55	>SMO-W535 FGTGIAMSTL	13387	13332
>SMO-W535 FGTGIAMSTV	100	>SMO-W535 FGTGIAMSTL	15571	15471
>SOCS1-A167TAAEPRRR	49	>SOCS1-A167TTAEPRRR	15	34
>SOCS1-A167QVAADNAVS	181	>SOCS1-A167QVAADNAVS	1948	1767
>SOCS1-A167QVAADNAVS	38	>SOCS1-A167QVAADNAVS	649	611
>SOCS1-A167STAAEPRR	340	>SOCS1-A167STTAEPRR	776	436
>SOCS1-A167STAAEPRR	19	>SOCS1-A167STTAEPRR	33	14
>SOCS1-A167STAAEPRRR	74	>SOCS1-A167STTAEPRRR	157	83
>SOCS1-A167STAAEPRR	168	>SOCS1-A167STTAEPRR	422	254
>SOCS1-A167STAAEPRRR	124	>SOCS1-A167STTAEPRRR	310	186
>SOCS1-A167VSTAAEPR	148	>SOCS1-A167VSTTAEPR	158	10
>SOCS1-A167VSTAAEPRR	230	>SOCS1-A167VSTTAEPRR	269	39
>SOCS1-A167AVSTAAEPR	257	>SOCS1-A167AVSTTAEPR	187	70
>SOCS1-A167AVSTAAEPRR	264	>SOCS1-A167AVSTTAEPRR	362	98
>SOCS1-A167AVSTAAEPR	564	>SOCS1-A167AVSTTAEPR	229	335
>SOCS1-A167AVSTAAEPRR	494	>SOCS1-A167AVSTTAEPRR	503	9
>SOCS1-A167AVSTAAEPR	57	>SOCS1-A167AVSTTAEPR	57	0
>SOCS1-A167AVSTAAEPRR	185	>SOCS1-A167AVSTTAEPRR	263	78
>SOCS1-A167AVSTAAEPRR	363	>SOCS1-A167AVSTTAEPRR	386	23
>SOCS1-A167NAVSTAAEPF	10	>SOCS1-A167NAVSTTAEPR	10	0
>SOCS1-A167NAVSTAAEPF	12	>SOCS1-A167NAVSTTAEPR	12	0
>SOCS1-A167DNAVSTAAEF	56	>SOCS1-A167DNAVSTTAEF	60	4
>SOCS1-A167VAADNAVST,	264	>SOCS1-A167VAADNAVST,	344	80
>SOCS1-A177VAADNAVST,	264	>SOCS1-A177VAADNAVST,	2487	2223

>SOCS1-A17TAAEPRRR	49	>SOCS1-A17TATEPRRR	75	26
>SOCS1-A17STAAEPRR	340	>SOCS1-A17STATEPRR	469	129
>SOCS1-A17STAAEPRR	19	>SOCS1-A17STATEPRR	20	1
>SOCS1-A17STAAEPRRR	74	>SOCS1-A17STATEPRRR	85	11
>SOCS1-A17STAAEPRR	168	>SOCS1-A17STATEPRR	145	23
>SOCS1-A17STAAEPRRR	124	>SOCS1-A17STATEPRRR	112	12
>SOCS1-A17VSTAAEPR	604	>SOCS1-A17VSTATEPR	234	370
>SOCS1-A17VSTAAEPR	148	>SOCS1-A17VSTATEPR	128	20
>SOCS1-A17VSTAAEPRR	230	>SOCS1-A17VSTATEPRR	217	13
>SOCS1-A17AVSTAAEPR	257	>SOCS1-A17AVSTATEPR	110	147
>SOCS1-A17AVSTAAEPRR	264	>SOCS1-A17AVSTATEPRR	148	116
>SOCS1-A17AVSTAAEPR	564	>SOCS1-A17AVSTATEPR	149	415
>SOCS1-A17AVSTAAEPRR	494	>SOCS1-A17AVSTATEPRR	293	201
>SOCS1-A17AVSTAAEPR	57	>SOCS1-A17AVSTATEPR	41	16
>SOCS1-A17AVSTAAEPRR	185	>SOCS1-A17AVSTATEPRR	153	32
>SOCS1-A17AVSTAAEPRR	363	>SOCS1-A17AVSTATEPRR	316	47
>SOCS1-A17NAVSTAAEPF	586	>SOCS1-A17NAVSTATEPR	379	207
>SOCS1-A17NAVSTAAEPF	10	>SOCS1-A17NAVSTATEPR	8	2
>SOCS1-A17NAVSTAAEPF	12	>SOCS1-A17NAVSTATEPR	13	1
>SOCS1-A17DNAVSTAAEF	56	>SOCS1-A17DNAVSTATEF	49	7
>SOCS1-A3T-AHNQVAADM	472	>SOCS1-A3T-THNQVAADM	141	331
>SOCS1-A3T-VAHNQVAA	1162	>SOCS1-A3T-VTHNQVAA	210	952
>SOCS1-A3T-MVAHNQVA	493	>SOCS1-A3T-MVTHNQVA	4191	3698
>SOCS1-A3T-MVAHNQVA	124	>SOCS1-A3T-MVTHNQVA	1622	1498
>SOCS1-A3T-MVAHNQVA	315	>SOCS1-A3T-MVTHNQVA	2196	1881
>SOCS1-A3T-MVAHNQVA	184	>SOCS1-A3T-MVTHNQVA	1450	1266
>SOCS1-A3T-MVAHNQVA	162	>SOCS1-A3T-MVTHNQVA	511	349
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>SOCS1-A3T-MVAHNQVA	6	>SOCS1-A3T-MVTHNQVA	13	7
>SOCS1-A3T-MVAHNQVA	381	>SOCS1-A3T-MVTHNQVA	811	430
>SOCS1-A3T-MVAHNQVA	123	>SOCS1-A3T-MVTHNQVA	172	49
>SOCS1-F79C FYWGPLSV	128	>SOCS1-F79C CYWGPLSV	6447	6319
>SOCS1-F79C FYWGPLSV	343	>SOCS1-F79C CYWGPLSV	4661	4318
>SOCS1-F79C FYWGPLSV	70	>SOCS1-F79C CYWGPLSV	2859	2789
>SOCS1-F79C FYWGPLSVH	362	>SOCS1-F79C CYWGPLSVH	9667	9305
>SOCS1-F79C FYWGPLSV	7	>SOCS1-F79C CYWGPLSV	345	338
>SOCS1-F79C FYWGPLSVH	89	>SOCS1-F79C CYWGPLSVH	4158	4069
>SOCS1-F79C FYWGPLSV	28	>SOCS1-F79C CYWGPLSV	2682	2654
>SOCS1-F79C FYWGPLSVH	492	>SOCS1-F79C CYWGPLSVH	11919	11427
>SOCS1-F79C FYWGPLSV	6	>SOCS1-F79C CYWGPLSV	471	465
>SOCS1-F79C FYWGPLSVH	129	>SOCS1-F79C CYWGPLSVH	8891	8762
>SOCS1-F79C FYWGPLSV	105	>SOCS1-F79C CYWGPLSV	102	3
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>SOCS1-F79C FYWGPLSV	295	>SOCS1-F79C CYWGPLSV	361	66
>SOCS1-F79C FYWGPLSVH	404	>SOCS1-F79C CYWGPLSVH	494	90
>SOCS1-F79C GFYWGPLSV	24	>SOCS1-F79C GCYWGPLSV	17	7
>SOCS1-F79C GFYWGPLSV	38	>SOCS1-F79C GCYWGPLSV	51	13
>SOCS1-F79C GFYWGPLSV	69	>SOCS1-F79C GCYWGPLSV	87	18
>SOCS1-F79C GFYWGPLSV	291	>SOCS1-F79C GCYWGPLSV	7042	6751
>SOCS1-F79C GFYWGPLSV	147	>SOCS1-F79C GCYWGPLSV	14744	14597
>SOCS1-F79C RASALLDACG	169	>SOCS1-F79C RASALLDACG	17925	17756
>SOCS1-F79C RASALLDACG	199	>SOCS1-F79C RASALLDACG	14196	13997
>SOCS1-F79C RASALLDACG	13	>SOCS1-F79C RASALLDACG	4920	4907
>SOCS1-F79C RASALLDACG	29	>SOCS1-F79C RASALLDACG	5721	5692
>SOCS1-F79C CGFYWGPL	338	>SOCS1-F79C CGCYWGPL	6042	5704
>SOCS1-F79C CGFYWGPLSV	365	>SOCS1-F79C CGCYWGPLSV	3442	3077
>SOCS1-F79C CGFYWGPL	267	>SOCS1-F79C CGCYWGPL	773	506
>SOCS1-F79C LLDACGFY	38	>SOCS1-F79C LLDACGCY	143	105
>SOCS1-F79C LLDACGFYW	411	>SOCS1-F79C LLDACGCYW	901	490
>SOCS1-F79C LLDACGFY	117	>SOCS1-F79C LLDACGCY	679	562
>SOCS1-F79C LLDACGFY	62	>SOCS1-F79C LLDACGCY	343	281
>SOCS1-F79C LLDACGFY	71	>SOCS1-F79C LLDACGCY	657	586
>SOCS1-F79C LLDACGFYW	310	>SOCS1-F79C LLDACGCYW	607	297
>SOCS1-F79C LLDACGFYW	24	>SOCS1-F79C LLDACGCYW	57	33
>SOCS1-F79C LLDACGFY	136	>SOCS1-F79C LLDACGCY	364	228
>SOCS1-F79C ALLDACGFYV	434	>SOCS1-F79C ALLDACGCYV	1654	1220
>SOCS1-F79C ALLDACGF	84	>SOCS1-F79C ALLDACGC	216	132
>SOCS1-F79C ALLDACGF	187	>SOCS1-F79C ALLDACGC	22	165
>SOCS1-F79C ALLDACGFYV	443	>SOCS1-F79C ALLDACGCYV	1153	710
>SOCS1-F79C ALLDACGF	1872	>SOCS1-F79C ALLDACGC	115	1757
>SOCS1-F79C ALLDACGF	1340	>SOCS1-F79C ALLDACGC	127	1213
>SOCS1-F79C ALLDACGF	1811	>SOCS1-F79C ALLDACGC	58	1753
>SOCS1-F79C ALLDACGF	151	>SOCS1-F79C ALLDACGC	7	144
>SOCS1-F79C ALLDACGFY	471	>SOCS1-F79C ALLDACGCY	5068	4597
>SOCS1-F79C ALLDACGFY	23	>SOCS1-F79C ALLDACGCY	88	65
>SOCS1-F79C ALLDACGFY	19	>SOCS1-F79C ALLDACGCY	104	85
>SOCS1-F79C ALLDACGFY	170	>SOCS1-F79C ALLDACGCY	1329	1159
>SOCS1-F79C ALLDACGF	162	>SOCS1-F79C ALLDACGC	16410	16248
>SOCS1-F79C ALLDACGFY	186	>SOCS1-F79C ALLDACGCY	191	5
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>SOCS1-F79C ALLDACGF	213	>SOCS1-F79C ALLDACGC	24043	23830
>SOCS1-F79C ALLDACGFYV	124	>SOCS1-F79C ALLDACGCYV	179	55
>SOCS1-F79C ALLDACGFYV	163	>SOCS1-F79C ALLDACGCYV	1103	940
>SOCS1-F79C ALLDACGFYV	433	>SOCS1-F79C ALLDACGCYV	1105	672
>SOCS1-F79C SALLDACGFY	23	>SOCS1-F79C SALLDACGCY	53	30
>SOCS1-F79C SALLDACGF	32	>SOCS1-F79C SALLDACGC	12856	12824

>SOCS1-F79C SALLDACGFY	228	>SOCS1-F79C SALLDACGCY	792	564
>SOCS1-F79C SALLDACGFY	31	>SOCS1-F79C SALLDACGCY	47	16
>SOCS1-F79C SALLDACGFY	117	>SOCS1-F79C SALLDACGCY	168	51
>SOCS1-F79C SALLDACGFY	59	>SOCS1-F79C SALLDACGCY	71	12
>SOCS1-F79C SALLDACGFY	19	>SOCS1-F79C SALLDACGCY	26	7
>SOCS1-F79C SALLDACGFY	425	>SOCS1-F79C SALLDACGCY	2386	1961
>SOCS1-F79C ASALLDACGF	199	>SOCS1-F79C ASALLDACGC	703	504
>SOCS1-F79C ASALLDACGF	146	>SOCS1-F79C ASALLDACGC	428	282
>SOCS1-F79C ASALLDACGF	120	>SOCS1-F79C ASALLDACGC	616	496
>SOCS1-F79C ASALLDACGF	17	>SOCS1-F79C ASALLDACGC	64	47
>SOCS1-F79C ASALLDACGF	470	>SOCS1-F79C ASALLDACGC	18199	17729
>SOCS1-F79C ASALLDACGF	475	>SOCS1-F79C ASALLDACGC	484	9
>SOCS1-F79C ASALLDACGF	6	>SOCS1-F79C ASALLDACGC	8473	8467
>SOCS1-F79C ASALLDACGF	21	>SOCS1-F79C ASALLDACGC	81	60
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>SOCS1-F79C ASALLDACGF	61	>SOCS1-F79C ASALLDACGC	13566	13505
>SOCS1-F79C ASALLDACGF	59	>SOCS1-F79C ASALLDACGC	270	211
>SOCS1-G82I GPLSVHGAHI	4488	>SOCS1-G82I EPLSVHGAHE	90	4398
>SOCS1-G82I GPLSVHGA	8292	>SOCS1-G82I EPLSVHGA	126	8166
>SOCS1-G82I GPLSVHGAH	621	>SOCS1-G82I EPLSVHGAH	49	572
>SOCS1-G82I GPLSVHGA	955	>SOCS1-G82I EPLSVHGA	303	652
>SOCS1-G82I WGPLSVHGA	36378	>SOCS1-G82I WEPLSVHGA	317	36061
>SOCS1-G82I ALLDACGFYV	443	>SOCS1-G82I ALLDACGFYV	2389	1946
>SOCS1-G82I YWGPLSVHG	547	>SOCS1-G82I YWEPLSVHG	341	206
>SOCS1-G82I FYWGPLSV	128	>SOCS1-G82I FYWEPLSV	57	71
>SOCS1-G82I FYWGPLSV	343	>SOCS1-G82I FYWEPLSV	266	77
>SOCS1-G82I FYWGPLSV	70	>SOCS1-G82I FYWEPLSV	30	40
>SOCS1-G82I FYWGPLSVHC	362	>SOCS1-G82I FYWEPLSVHC	125	237
>SOCS1-G82I FYWGPLSV	7	>SOCS1-G82I FYWEPLSV	5	2
>SOCS1-G82I FYWGPLSVHC	89	>SOCS1-G82I FYWEPLSVHC	38	51
>SOCS1-G82I FYWGPLSV	610	>SOCS1-G82I FYWEPLSV	80	530
>SOCS1-G82I FYWGPLSV	28	>SOCS1-G82I FYWEPLSV	21	7
>SOCS1-G82I FYWGPLSVHC	492	>SOCS1-G82I FYWEPLSVHC	218	274
>SOCS1-G82I FYWGPLSV	6	>SOCS1-G82I FYWEPLSV	9	3
>SOCS1-G82I FYWGPLSVHC	129	>SOCS1-G82I FYWEPLSVHC	158	29
>SOCS1-G82I FYWGPLSV	105	>SOCS1-G82I FYWEPLSV	151	46
>SOCS1-G82I FYWGPLSV	412	>SOCS1-G82I FYWEPLSV	1026	614
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>SOCS1-G82I FYWGPLSVHC	404	>SOCS1-G82I FYWEPLSVHC	561	157
>SOCS1-G82I GFYWGPLSV	24	>SOCS1-G82I GFYWEPLSV	56	32
>SOCS1-G82I GFYWGPLSV	38	>SOCS1-G82I GFYWEPLSV	113	75
>SOCS1-G82I GFYWGPLSV	69	>SOCS1-G82I GFYWEPLSV	185	116

>SOCS1-G82IGFYWGPLSV	291	>SOCS1-G82IGFYWEPLSV	930	639
>SOCS1-G82IGFYWGPLSV	147	>SOCS1-G82IGFYWEPLSV	334	187
>SOCS1-G82ICGFYWGPL	338	>SOCS1-G82ICGFYWEPL	1348	1010
>SOCS1-G82ICGFYWGPLSV	365	>SOCS1-G82ICGFYWEPLSV	801	436
>SOCS1-G82ICGFYWGPL	267	>SOCS1-G82ICGFYWEPL	542	275
>SOCS1-G82ILLDACGFYW	746	>SOCS1-G82ILLDACGFYW	431	315
>SOCS1-G82ILLDACGFYW	411	>SOCS1-G82ILLDACGFYW	430	19
>SOCS1-P19ÆPVLRDYLSSF	1296	>SOCS1-P19ÆSVLRDYLSSF	196	1100
>SOCS1-P19ÆPVLRDYLSSF	111	>SOCS1-P19ÆSVLRDYLSSF	25	86
>SOCS1-P19ÆPVLRDYLSSF	4286	>SOCS1-P19ÆSVLRDYLSSF	459	3827
>SOCS1-P19ÆPVLRDYLSSF	6597	>SOCS1-P19ÆSVLRDYLSSF	228	6369
>SOCS1-P19ÆPVLRDYLSSF	443	>SOCS1-P19ÆSVLRDYLSSF	55	388
>SOCS1-P19ÆPVLRDYLSSF	6415	>SOCS1-P19ÆSVLRDYLSSF	259	6156
>SOCS1-P19ÆNPVLRDYL	447	>SOCS1-P19ÆNSVLRDYL	33558	33111
>SOCS1-P19ÆNPVLRDYLSS	3520	>SOCS1-P19ÆNSVLRDYLSSI	304	3216
>SOCS1-P19ÆNPVLRDYL	7061	>SOCS1-P19ÆNSVLRDYL	357	6704
>SOCS1-P19ÆNPVLRDYL	268	>SOCS1-P19ÆNSVLRDYL	24990	24722
>SOCS1-P19ÆNPVLRDYLSS	135	>SOCS1-P19ÆNSVLRDYLSSI	21371	21236
>SOCS1-P19ÆNPVLRDYLSS	2737	>SOCS1-P19ÆNSVLRDYLSSI	492	2245
>SOCS1-P19ÆNPVLRDYLSS	15872	>SOCS1-P19ÆNSVLRDYLSSI	14	15858
>SOCS1-P19ÆNPVLRDYLSS	29	>SOCS1-P19ÆNSVLRDYLSSI	1439	1410
>SOCS1-P19ÆNPVLRDYL	494	>SOCS1-P19ÆNSVLRDYL	23248	22754
>SOCS1-P19ÆNPVLRDYLSS	105	>SOCS1-P19ÆNSVLRDYLSSI	14377	14272
>SOCS1-P19ÆNPVLRDYLSS	3336	>SOCS1-P19ÆNSVLRDYLSSI	183	3153
>SOCS1-P19ÆNPVLRDYLSS	168	>SOCS1-P19ÆNSVLRDYLSSI	9283	9115
>SOCS1-P19ÆNPVLRDYLSS	329	>SOCS1-P19ÆNSVLRDYLSSI	17387	17058
>SOCS1-P19ÆRENLARIPLN	1165	>SOCS1-P19ÆRENLARIPLN	252	913
>SOCS1-P19ÆLNPVLRDYL	497	>SOCS1-P19ÆLNSVLRDYL	17899	17402
>SOCS1-P19ÆPLNPVLRDYL	971	>SOCS1-P19ÆPLNSVLRDYL	344	627
>SOCS1-P19ÆPLNPVLRDYL	207	>SOCS1-P19ÆPLNSVLRDYL	235	28
>SOCS1-P19ÆPLNPVLRDYL	482	>SOCS1-P19ÆPLNSVLRDYL	693	211
>SOCS1-P19ÆPLNPVLRDYL	162	>SOCS1-P19ÆPLNSVLRDYL	413	251
>SOCS1-P19ÆPLNPVLRDY	662	>SOCS1-P19ÆPLNSVLRDY	411	251
>SOCS1-P19ÆIPLNPVLRDYL	9	>SOCS1-P19ÆIPLNSVLRDYL	6	3
>SOCS1-P19ÆIPLNPVLRDYL	126	>SOCS1-P19ÆIPLNSVLRDYL	166	40
>SOCS1-P19ÆIPLNPVLRDY	837	>SOCS1-P19ÆIPLNSVLRDY	418	419
>SOCS1-P19ÆIPLNPVLRDY	173	>SOCS1-P19ÆIPLNSVLRDY	209	36
>SOCS1-P19ÆIPLNPVLRDY	183	>SOCS1-P19ÆIPLNSVLRDY	268	85
>SOCS1-P19ÆIPLNPVLRDYL	356	>SOCS1-P19ÆIPLNSVLRDYL	274	82
>SOCS1-P19ÆIPLNPVLRDY	263	>SOCS1-P19ÆIPLNSVLRDY	165	98
>SOCS1-P19ÆIPLNPVLRDY	151	>SOCS1-P19ÆIPLNSVLRDY	84	67
>SOCS1-P19ÆIPLNPVLRDYL	599	>SOCS1-P19ÆIPLNSVLRDYL	377	222
>SOCS1-P19ÆIPLNPVLR	289	>SOCS1-P19ÆIPLNSVLR	267	22



>SOCS1-P19\xRIPLNPLVR	199	>SOCS1-P19\xRIPLNSVLR	120	79
>SOCS1-P19\xRIPLNPLV	405	>SOCS1-P19\xRIPLNSVL	490	85
>SOCS1-P19\xRIPLNPLVR	20	>SOCS1-P19\xRIPLNSVLR	27	7
>SOCS1-P19\xARIPLNPLVR	511	>SOCS1-P19\xARIPLNSVLR	429	82
>SOCS1-P19\xARIPLNPLVR	1199	>SOCS1-P19\xARIPLNSVLR	438	761
>SOCS1-P19\xARIPLNPV	528	>SOCS1-P19\xARIPLNSV	477	51
>SOCS1-P19\xARIPLNPV	343	>SOCS1-P19\xARIPLNSVL	124	219
>SOCS1-P19\xARIPLNPV	455	>SOCS1-P19\xARIPLNSV	597	142
>SOCS1-P19\xARIPLNPV	226	>SOCS1-P19\xARIPLNSVL	192	34
>SOCS1-P19\xARIPLNPLVR	35	>SOCS1-P19\xARIPLNSVLR	85	50
>SOCS1-P19\xARIPLNPV	29	>SOCS1-P19\xARIPLNSVL	21	8
>SOCS1-P19\xARIPLNPV	89	>SOCS1-P19\xARIPLNSVL	89	0
>SOCS1-P19\xARIPLNPV	10	>SOCS1-P19\xARIPLNSVL	9	1
>SOCS1-P19\xLARIPLNPV	66	>SOCS1-P19\xLARIPLNSV	148	82
>SOCS1-P19\xLARIPLNPV	142	>SOCS1-P19\xLARIPLNSVL	487	345
>SOCS1-P19\xLARIPLNPVLF	340	>SOCS1-P19\xLARIPLNSVLR	243	97
>SOCS1-P19\xLARIPLNPVLF	56	>SOCS1-P19\xLARIPLNSVLR	59	3
>SOCS1-P19\xLARIPLNPVLF	325	>SOCS1-P19\xLARIPLNSVLR	324	1
>SOCS1-P19\xLARIPLNPV	322	>SOCS1-P19\xLARIPLNSV	576	254
>SOCS1-P19\xLARIPLNPV	849	>SOCS1-P19\xLARIPLNSVL	437	412
>SOCS1-P19\xLARIPLNPV	29	>SOCS1-P19\xLARIPLNSVL	25	4
>SOCS1-P19\xLARIPLNPV	53	>SOCS1-P19\xLARIPLNSV	216	163
>SOCS1-P19\xNLARIPLNPV	76	>SOCS1-P19\xNLARIPLNSV	108	32
>SOCS1-P19\xNLARIPLNPV	361	>SOCS1-P19\xNLARIPLNSVI	1302	941
>SOCS1-P19\xNLARIPLNPV	25	>SOCS1-P19\xNLARIPLNSV	33	8
>SOCS1-P19\xNLARIPLNPV	30	>SOCS1-P19\xNLARIPLNSVI	21	9
>SOCS1-P19\xNLARIPLNPV	14	>SOCS1-P19\xNLARIPLNSV	13	1
>SOCS1-P19\xNLARIPLNPV	198	>SOCS1-P19\xNLARIPLNSVI	67	131
>SOCS1-P19\xNLARIPLNPV	159	>SOCS1-P19\xNLARIPLNSV	265	106
>SOCS1-P19\xNLARIPLNPV	10	>SOCS1-P19\xNLARIPLNSV	10	0
>SOCS1-P19\xNLARIPLNPV	190	>SOCS1-P19\xNLARIPLNSVI	313	123
>SOCS1-P19\xNLARIPLNPV	13	>SOCS1-P19\xNLARIPLNSV	18	5
>SOCS1-P19\xNLARIPLNPV	20	>SOCS1-P19\xNLARIPLNSV	26	6
>SOCS1-P19\xNLARIPLNPV	162	>SOCS1-P19\xNLARIPLNSVI	663	501
>SOCS1-P19\xNLARIPLNPV	12	>SOCS1-P19\xNLARIPLNSV	8	4
>SOCS1-P19\xNLARIPLNPV	83	>SOCS1-P19\xNLARIPLNSVI	217	134
>SOCS1-P19\xNLARIPLNPV	7	>SOCS1-P19\xNLARIPLNSV	5	2
>SOCS1-P19\xNLARIPLNPV	44	>SOCS1-P19\xNLARIPLNSVI	68	24
>SOCS1-P19\xNLARIPLNPV	255	>SOCS1-P19\xNLARIPLNSV	349	94
>SOCS1-P19\xNLARIPLNPV	26	>SOCS1-P19\xNLARIPLNSV	71	45
>SOCS1-P19\xENLARIPLNPV	349	>SOCS1-P19\xENLARIPLNSV	1137	788
>SOCS1-P19\xENLARIPLNPV	75	>SOCS1-P19\xENLARIPLNSV	214	139
>SOCS1-P43\xCPAVPAPA	5114	>SOCS1-P43\xCSAVPAPA	186	4928

>SOCS1-P43:CPAVPAPA	311	>SOCS1-P43:CSAVPAPA	20895	20584
>SOCS1-P43:CPAVPAPA	8	>SOCS1-P43:CSAVPAPA	5300	5292
>SOCS1-P43:CPAVPAPAP	64	>SOCS1-P43:CSAVPAPAP	18020	17956
>SOCS1-P43:RPCPAVPA	245	>SOCS1-P43:RPCSAVPA	275	30
>SOCS1-P43:RPCPAVPAPA	365	>SOCS1-P43:RPCSAVPAPA	113	252
>SOCS1-P43:RPCPAVPA	160	>SOCS1-P43:RPCSAVPA	212	52
>SOCS1-P43:RPCPAVPAPA	108	>SOCS1-P43:RPCSAVPAPA	89	19
>SOCS1-P43:RPRPCPAV	9	>SOCS1-P43:RPRPCSAV	7	2
>SOCS1-P43:RPRPCPAVP	293	>SOCS1-P43:RPRPCSAVP	70	223
>SOCS1-P43:RPRPCPAVPA	205	>SOCS1-P43:RPRPCSAVPA	220	15
>SOCS1-P43:RPRPCPAVPA	120	>SOCS1-P43:RPRPCSAVPA	64	56
>SOCS1-P43:RPRPCPAV	248	>SOCS1-P43:RPRPCSAV	478	230
>SOCS1-P43:RPRPCPAVPA	256	>SOCS1-P43:RPRPCSAVPA	426	170
>SOCS1-P43:ARPRPCPAV	1086	>SOCS1-P43:ARPRPCSAV	442	644
>SOCS1-P43:PARPRPCPA	34	>SOCS1-P43:PARPRPCSA	59	25
>SOCS1-P43:PARPRPCPAV	208	>SOCS1-P43:PARPRPCSAV	614	406
>SOCS1-P43:APARPRPCPA	455	>SOCS1-P43:APARPRPCSA	1244	789
>SOCS1-P43:APARPRPCPA	23	>SOCS1-P43:APARPRPCSA	15	8
>SOCS1-P43:APARPRPCPA	313	>SOCS1-P43:APARPRPCSA	697	384
>SOCS1-Q13:QAGRFHLDG	1738	>SOCS1-Q13:KAGRFHLDG	73	1665
>SOCS1-Q13:QAGRFHLDG	432	>SOCS1-Q13:KAGRFHLDG	2845	2413
>SOCS1-Q13:QAGRFHLDG	664	>SOCS1-Q13:KAGRFHLDG	103	561
>SOCS1-Q13:FQAGRFHL	36	>SOCS1-Q13:FKAGRFHL	13244	13208
>SOCS1-Q13:FQAGRFHL	10	>SOCS1-Q13:FKAGRFHL	228	218
>SOCS1-Q13:FQAGRFHLD	282	>SOCS1-Q13:FKAGRFHLD	7510	7228
>SOCS1-Q13:FQAGRFHL	82	>SOCS1-Q13:FKAGRFHL	7819	7737
>SOCS1-Q13:FQAGRFHL	3	>SOCS1-Q13:FKAGRFHL	202	199
>SOCS1-Q13:FQAGRFHLD	197	>SOCS1-Q13:FKAGRFHLD	18151	17954
>SOCS1-Q13:FQAGRFHLD	15	>SOCS1-Q13:FKAGRFHLD	4263	4248
>SOCS1-Q13:FQAGRFHL	353	>SOCS1-Q13:FKAGRFHL	6321	5968
>SOCS1-Q13:FQAGRFHL	180	>SOCS1-Q13:FKAGRFHL	6772	6592
>SOCS1-Q13:FQAGRFHL	107	>SOCS1-Q13:FKAGRFHL	1740	1633
>SOCS1-Q13:FQAGRFHL	174	>SOCS1-Q13:FKAGRFHL	15480	15306
>SOCS1-Q13:FQAGRFHL	212	>SOCS1-Q13:FKAGRFHL	191	21
>SOCS1-Q13:FQAGRFHL	414	>SOCS1-Q13:FKAGRFHL	1681	1267
>SOCS1-Q13:FQAGRFHL	26	>SOCS1-Q13:FKAGRFHL	83	57
>SOCS1-Q13:HFQAGRFHL	258	>SOCS1-Q13:HFKAGRFHL	1531	1273
>SOCS1-Q13:HFQAGRFHL	144	>SOCS1-Q13:HFKAGRFHL	773	629
>SOCS1-Q13:HFQAGRFHL	27	>SOCS1-Q13:HFKAGRFHL	145	118
>SOCS1-Q13:HFQAGRFH	7779	>SOCS1-Q13:HFKAGRFH	358	7421
>SOCS1-Q13:HFQAGRFHL	1483	>SOCS1-Q13:HFKAGRFHL	21	1462
>SOCS1-Q13:HFQAGRFHLI	7025	>SOCS1-Q13:HFKAGRFHLI	209	6816
>SOCS1-Q13:HFQAGRFHL	452	>SOCS1-Q13:HFKAGRFHL	168	284

>SOCS1-Q13:VHFQAGRFH	560	>SOCS1-Q13:VHFKAGRFHI	356	204
>SOCS1-Q13:VHFQAGRF	84	>SOCS1-Q13:VHFKAGRF	71	13
>SOCS1-Q13:VHFQAGRFH	344	>SOCS1-Q13:VHFKAGRFHI	193	151
>SOCS1-Q13:VHFQAGRFH	313	>SOCS1-Q13:VHFKAGRFHI	521	208
>SOCS1-Q13:VHFQAGRF	256	>SOCS1-Q13:VHFKAGRF	186	70
>SOCS1-Q13:RVHFQAGR	29	>SOCS1-Q13:RVHFKAGR	59	30
>SOCS1-Q13:RVHFQAGRFI	61	>SOCS1-Q13:RVHFKAGRFI	75	14
>SOCS1-Q13:RVHFQAGRFI	11	>SOCS1-Q13:RVHFKAGRFI	14	3
>SOCS1-Q13:RVHFQAGR	18	>SOCS1-Q13:RVHFKAGR	15	3
>SOCS1-Q13:RVHFQAGRFI	563	>SOCS1-Q13:RVHFKAGRFI	436	127
>SOCS1-Q13:RVHFQAGR	437	>SOCS1-Q13:RVHFKAGR	564	127
>SOCS1-Q13:RVHFQAGR	110	>SOCS1-Q13:RVHFKAGR	148	38
>SOCS1-Q13:RVHFQAGR	13	>SOCS1-Q13:RVHFKAGR	12	1
>SOCS1-Q13:RVHFQAGRFI	234	>SOCS1-Q13:RVHFKAGRFI	207	27
>SOCS1-Q13:RVHFQAGR	143	>SOCS1-Q13:RVHFKAGR	149	6
>SOCS1-Q13:RVHFQAGR	132	>SOCS1-Q13:RVHFKAGR	143	11
>SOCS1-Q13:IRVHFQAGR	79	>SOCS1-Q13:IRVHFKAGR	135	56
>SOCS1-Q13:IRVHFQAGR	175	>SOCS1-Q13:IRVHFKAGR	284	109
>SOCS1-Q13:IRVHFQAGR	68	>SOCS1-Q13:IRVHFKAGR	103	35
>SOCS1-Q13:IRVHFQAGR	176	>SOCS1-Q13:IRVHFKAGR	145	31
>SOCS1-Q13:SIRVHFQA	17	>SOCS1-Q13:SIRVHFKA	25	8
>SOCS1-Q13:SIRVHFQAG	127	>SOCS1-Q13:SIRVHFKAG	360	233
>SOCS1-Q13:SIRVHFQAGR	72	>SOCS1-Q13:SIRVHFKAGR	165	93
>SOCS1-Q13:SIRVHFQAGR	18	>SOCS1-Q13:SIRVHFKAGR	13	5
>SOCS1-Q13:SIRVHFQAGR	683	>SOCS1-Q13:SIRVHFKAGR	357	326
>SOCS1-Q13:SIRVHFQAGR	79	>SOCS1-Q13:SIRVHFKAGR	93	14
>SOCS1-Q13:SIRVHFQA	497	>SOCS1-Q13:SIRVHFKA	686	189
>SOCS1-Q13:SIRVHFQAG	38	>SOCS1-Q13:SIRVHFKAG	37	1
>SOCS1-Q13:SIRVHFQAGR	360	>SOCS1-Q13:SIRVHFKAGR	198	162
>SOCS1-Q13:SIRVHFQAGR	193	>SOCS1-Q13:SIRVHFKAGR	310	117
>SOCS1-Q13:SIRVHFQAGR	370	>SOCS1-Q13:SIRVHFKAGR	425	55
>SOCS1-Q13:SIRVHFQAGR	465	>SOCS1-Q13:SIRVHFKAGR	505	40
>SOCS1-Q13:SIRVHFQAGR	364	>SOCS1-Q13:SIRVHFKAGR	284	80
>SOCS1-Q13:TSIRVHFQ	19594	>SOCS1-Q13:TSIRVHFK	153	19441
>SOCS1-Q13:TSIRVHFQ	8526	>SOCS1-Q13:TSIRVHFK	6	8520
>SOCS1-Q13:TSIRVHFQAG	120	>SOCS1-Q13:TSIRVHFKAG	153	33
>SOCS1-Q13:TSIRVHFQ	7349	>SOCS1-Q13:TSIRVHFK	59	7290
>SOCS1-Q13:TSIRVHFQ	4636	>SOCS1-Q13:TSIRVHFK	52	4584
>SOCS1-Q13:TSIRVHFQAG	18	>SOCS1-Q13:TSIRVHFKAG	13	5
>SOCS1-Q13:TSIRVHFQAG	133	>SOCS1-Q13:TSIRVHFKAG	138	5
>SOCS1-Q13:TSIRVHFQ	111	>SOCS1-Q13:TSIRVHFK	4	107
>SOCS1-Q13:TSIRVHFQAG	4	>SOCS1-Q13:TSIRVHFKAG	4	0
>SOCS1-Q13:TSIRVHFQA	38	>SOCS1-Q13:TSIRVHFKA	47	9

>SOCS1-Q13:TSIRVHFQ	3002	>SOCS1-Q13:TSIRVHFK	204	2798
>SOCS1-Q13:PTSIRVHFQ	23300	>SOCS1-Q13:PTSIRVHFK	69	23231
>SOCS1-Q13:PTSIRVHFQ	10416	>SOCS1-Q13:PTSIRVHFK	162	10254
>SOCS1-Q13:PTSIRVHFQ	7255	>SOCS1-Q13:PTSIRVHFK	204	7051
>SOCS1-Q13:PTSIRVHFQ	3824	>SOCS1-Q13:PTSIRVHFK	178	3646
>SOCS1-Q13:GPTSIRVHFQ	120	>SOCS1-Q13:GPTSIRVHFK	341	221
>SOCS1-Q21 LSSFPFQI	325	>SOCS1-Q21 LSSFPFHI	125	200
>SOCS1-Q21 LSSFPFQI	110	>SOCS1-Q21 LSSFPFHI	299	189
>SOCS1-Q21 LSSFPFQI	159	>SOCS1-Q21 LSSFPFHI	99	60
>SOCS1-Q21 LSSFPFQI	372	>SOCS1-Q21 LSSFPFHI	268	104
>SOCS1-Q21 LSSFPFQI	17	>SOCS1-Q21 LSSFPFHI	16	1
>SOCS1-Q21 YLSSFPFQ	301	>SOCS1-Q21 YLSSFPFH	7893	7592
>SOCS1-Q21 YLSSFPFQI	7	>SOCS1-Q21 YLSSFPFHI	7	0
>SOCS1-Q21 YLSSFPFQ	15	>SOCS1-Q21 YLSSFPFH	264	249
>SOCS1-Q21 YLSSFPFQI	2	>SOCS1-Q21 YLSSFPFHI	3	1
>SOCS1-Q21 YLSSFPFQ	467	>SOCS1-Q21 YLSSFPFH	5435	4968
>SOCS1-Q21 YLSSFPFQI	4	>SOCS1-Q21 YLSSFPFHI	4	0
>SOCS1-Q21 YLSSFPFQI	52	>SOCS1-Q21 YLSSFPFHI	13	39
>SOCS1-Q21 YLSSFPFQ	69	>SOCS1-Q21 YLSSFPFH	1643	1574
>SOCS1-Q21 YLSSFPFQI	2	>SOCS1-Q21 YLSSFPFHI	2	0
>SOCS1-Q21 YLSSFPFQI	5	>SOCS1-Q21 YLSSFPFHI	3	2
>SOCS1-Q21 YLSSFPFQ	56	>SOCS1-Q21 YLSSFPFH	5963	5907
>SOCS1-Q21 YLSSFPFQI	5	>SOCS1-Q21 YLSSFPFHI	5	0
>SOCS1-Q21 YLSSFPFQI	2	>SOCS1-Q21 YLSSFPFHI	3	1
>SOCS1-Q21 YLSSFPFQ	7	>SOCS1-Q21 YLSSFPFH	854	847
>SOCS1-Q21 YLSSFPFQI	2	>SOCS1-Q21 YLSSFPFHI	2	0
>SOCS1-Q21 YLSSFPFQ	1071	>SOCS1-Q21 YLSSFPFH	278	793
>SOCS1-Q21 YLSSFPFQI	240	>SOCS1-Q21 YLSSFPFHI	1208	968
>SOCS1-Q21 YLSSFPFQI	493	>SOCS1-Q21 YLSSFPFHI	232	261
>SOCS1-Q21 YLSSFPFQI	37	>SOCS1-Q21 YLSSFPFHI	73	36
>SOCS1-Q21 YLSSFPFQI	364	>SOCS1-Q21 YLSSFPFHI	217	147
>SOCS1-Q21 DYLSSFPFQI	392	>SOCS1-Q21 DYLSSFPFHI	226	166
>SOCS1-Q21 DYLSSFPFQI	118	>SOCS1-Q21 DYLSSFPFHI	30	88
>SOCS1-Q21 DYLSSFPFQI	241	>SOCS1-Q21 DYLSSFPFHI	82	159
>SOCS1-Q21 DYLSSFPFQI	32	>SOCS1-Q21 DYLSSFPFHI	43	11
>SOCS1-Q21 DYLSSFPFQ	497	>SOCS1-Q21 DYLSSFPFH	644	147
>SOCS1-Q21 DYLSSFPFQI	5046	>SOCS1-Q21 DYLSSFPFHI	319	4727
>SOCS1-Q21 RDYLSSFPFQI	97	>SOCS1-Q21 RDYLSSFPFHI	203	106
>SOCS1-Q21 RDYLSSFPFQI	170	>SOCS1-Q21 RDYLSSFPFHI	286	116
>SOCS1-Q21 RDYLSSFPFQI	9	>SOCS1-Q21 RDYLSSFPFHI	12	3
>SOCS1-Q21 RDYLSSFPFQI	60	>SOCS1-Q21 RDYLSSFPFHI	60	0
>SOCS1-Q21 RDYLSSFPFQI	22	>SOCS1-Q21 RDYLSSFPFHI	29	7
>SOCS1-S11€SVKMASGPT:	114	>SOCS1-S11€NVKMASGPT	308	194

>SOCS1-S11€SVKMASGPT	66	>SOCS1-S11€NVKMASGPT	2928	2862
>SOCS1-S11€SVKMASGPT!	47	>SOCS1-S11€NVKMASGPT	2041	1994
>SOCS1-S11€SVKMASGPT!	25	>SOCS1-S11€NVKMASGPT	809	784
>SOCS1-S11€SVKMASGPT!	405	>SOCS1-S11€NVKMASGPT	2674	2269
>SOCS1-S11€SRQRNCFFAL	816	>SOCS1-S11€SRQRNCFFAL	436	380
>SOCS1-S11€SRQRNCFFAL	636	>SOCS1-S11€SRQRNCFFAL	482	154
>SOCS1-S11€ALSVKMASGI	104	>SOCS1-S11€ALNVKMASG	72	32
>SOCS1-S11€FALSVKMA	481	>SOCS1-S11€FALNVKMA	403	78
>SOCS1-S11€FALSVKMA	555	>SOCS1-S11€FALNVKMA	356	199
>SOCS1-S11€FALSVKMA	188	>SOCS1-S11€FALNVKMA	130	58
>SOCS1-S11€CFFALSVK	390	>SOCS1-S11€CFFALNVK	619	229
>SOCS1-S11€CFFALSVKM	165	>SOCS1-S11€CFFALNVKM	275	110
>SOCS1-S11€CFFALSVK	433	>SOCS1-S11€CFFALNVK	450	17
>SOCS1-S11€CFFALSVK	431	>SOCS1-S11€CFFALNVK	533	102
>SOCS1-S11€CFFALSVK	331	>SOCS1-S11€CFFALNVK	381	50
>SOCS1-S11€CFFALSVK	244	>SOCS1-S11€CFFALNVK	154	90
>SOCS1-S11€NCFFALSV	78	>SOCS1-S11€NCFFALNV	80	2
>SOCS1-S11€NCFFALSV	135	>SOCS1-S11€NCFFALNV	113	22
>SOCS1-S11€RNCFFALSVK	299	>SOCS1-S11€RNCFFALNVK	1128	829
>SOCS1-S11€RNCFFALSVK	197	>SOCS1-S11€RNCFFALNVK	172	25
>SOCS1-S11€RNCFFALSVK	496	>SOCS1-S11€RNCFFALNVK	639	143
>SOCS1-S11€QRNCFFALSV	162	>SOCS1-S11€QRNCFFALN\	281	119
>SOCS1-S11€QRNCFFALSV	89	>SOCS1-S11€QRNCFFALN\	147	58
>SOCS1-S11€QRNCFFALSV	462	>SOCS1-S11€QRNCFFALN\	599	137
>SOCS1-S11€RQRNCFFALS	79	>SOCS1-S11€RQRNCFFALN	132	53
>SOCS1-S11€RQRNCFFALS	11	>SOCS1-S11€RQRNCFFALN	32	21
>SOCS1-S11€RQRNCFFALS	71	>SOCS1-S11€RQRNCFFALN	300	229
>SOCS1-S11€RQRNCFFALS	15	>SOCS1-S11€RQRNCFFALN	20	5
>SOCS1-S11€RQRNCFFALS	78	>SOCS1-S11€RQRNCFFALN	317	239
>SOCS1-S11€RQRNCFFALS	180	>SOCS1-S11€RQRNCFFALN	502	322
>SOCS1-S11€RQRNCFFALS	7	>SOCS1-S11€RQRNCFFALN	11	4
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>SOCS1-S11€RQRNCFFALS	283	>SOCS1-S11€RQRNCFFALN	275	8
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>SOCS1-S11€RQRNCFFALS	129	>SOCS1-S11€RQRNCFFALN	108	21
>SOCS1-S20€LSSFPPQI	325	>SOCS1-S20€LNSFPFQI	3603	3278
>SOCS1-S20€LSSFPPQI	110	>SOCS1-S20€LNSFPFQI	19332	19222
>SOCS1-S20€LSSFPPQI	159	>SOCS1-S20€LNSFPFQI	11972	11813
>SOCS1-S20€LSSFPPQI	372	>SOCS1-S20€LNSFPFQI	21235	20863
>SOCS1-S20€LSSFPPQI	17	>SOCS1-S20€LNSFPFQI	234	217
>SOCS1-S20€YLSSFPPQ	301	>SOCS1-S20€YLNSFPFQ	470	169
>SOCS1-S20€YLSSFPPQI	7	>SOCS1-S20€YLNSFPFQI	7	0
>SOCS1-S20€YLSSFPPQ	15	>SOCS1-S20€YLNSFPFQ	29	14

>SOCS1-S205YLSSFPFQI	2	>SOCS1-S205YLNSFPFQI	3	1
>SOCS1-S205YLSSFPFQ	467	>SOCS1-S205YLNSFPFQ	363	104
>SOCS1-S205YLSSFPFQI	4	>SOCS1-S205YLNSFPFQI	3	1
>SOCS1-S205YLSSFPFQI	52	>SOCS1-S205YLNSFPFQI	112	60
>SOCS1-S205YLSSFPFQ	69	>SOCS1-S205YLNSFPFQ	33	36
>SOCS1-S205YLSSFPFQI	2	>SOCS1-S205YLNSFPFQI	1	1
>SOCS1-S205YLSSFPFQI	5	>SOCS1-S205YLNSFPFQI	4	1
>SOCS1-S205YLSSFPFQ	56	>SOCS1-S205YLNSFPFQ	53	3
>SOCS1-S205YLSSFPFQI	5	>SOCS1-S205YLNSFPFQI	5	0
>SOCS1-S205YLSSFPFQI	2	>SOCS1-S205YLNSFPFQI	2	0
>SOCS1-S205YLSSFPFQ	7	>SOCS1-S205YLNSFPFQ	8	1
>SOCS1-S205YLSSFPFQI	2	>SOCS1-S205YLNSFPFQI	2	0
>SOCS1-S205YLSSFPFQI	240	>SOCS1-S205YLNSFPFQI	86	154
>SOCS1-S205YLSSFPFQI	493	>SOCS1-S205YLNSFPFQI	671	178
>SOCS1-S205YLSSFPFQI	37	>SOCS1-S205YLNSFPFQI	26	11
>SOCS1-S205YLSSFPFQI	364	>SOCS1-S205YLNSFPFQI	420	56
>SOCS1-S205DYLSSFPFQI	392	>SOCS1-S205DYLNSFPFQI	773	381
>SOCS1-S205DYLSSFPF	54	>SOCS1-S205DYLNSFPF	44	10
>SOCS1-S205DYLSSFPFQI	118	>SOCS1-S205DYLNSFPFQI	194	76
>SOCS1-S205DYLSSFPF	85	>SOCS1-S205DYLNSFPF	93	8
>SOCS1-S205DYLSSFPFQI	241	>SOCS1-S205DYLNSFPFQI	392	151
>SOCS1-S205DYLSSFPF	22	>SOCS1-S205DYLNSFPF	20	2
>SOCS1-S205DYLSSFPFQI	32	>SOCS1-S205DYLNSFPFQI	33	1
>SOCS1-S205DYLSSFPFQ	497	>SOCS1-S205DYLNSFPFQ	515	18
>SOCS1-S205RDYLSSFPFQI	97	>SOCS1-S205RDYLNSFPFQ	121	24
>SOCS1-S205RDYLSSFPF	361	>SOCS1-S205RDYLNSFPF	137	224
>SOCS1-S205RDYLSSFPFQI	762	>SOCS1-S205RDYLNSFPFQ	475	287
>SOCS1-S205RDYLSSFPF	227	>SOCS1-S205RDYLNSFPF	540	313
>SOCS1-S205RDYLSSFPF	20	>SOCS1-S205RDYLNSFPF	68	48
>SOCS1-S205RDYLSSFPF	54	>SOCS1-S205RDYLNSFPF	257	203
>SOCS1-S205RDYLSSFPF	43	>SOCS1-S205RDYLNSFPF	51	8
>SOCS1-S205RDYLSSFPFQI	170	>SOCS1-S205RDYLNSFPFQ	211	41
>SOCS1-S205RDYLSSFPF	141	>SOCS1-S205RDYLNSFPF	150	9
>SOCS1-S205RDYLSSFPFQI	9	>SOCS1-S205RDYLNSFPFQ	9	0
>SOCS1-S205RDYLSSFPFQI	60	>SOCS1-S205RDYLNSFPFQ	110	50
>SOCS1-S205RDYLSSFPFQI	22	>SOCS1-S205RDYLNSFPFQ	25	3
>SOCS1-S205LRDYLSSF	129	>SOCS1-S205LRDYLNSF	231	102
>SOCS1-S205LRDYLSSFPF	127	>SOCS1-S205LRDYLNSFPF	208	81
>SOCS1-S205LRDYLSSFPF	517	>SOCS1-S205LRDYLNSFPF	400	117
>SOCS1-S205VLRDYLSSF	515	>SOCS1-S205VLRDYLNSF	295	220
>SOCS1-S205VLRDYLSSF	129	>SOCS1-S205VLRDYLNSF	448	319
>SOCS1-S205VLRDYLSSFPF	437	>SOCS1-S205VLRDYLNSFP	450	13
>SOCS1-S205VLRDYLSS	181	>SOCS1-S205VLRDYLNS	432	251

>SOCS1-S205 VLRDYLSSF	102	>SOCS1-S205 VLRDYLNSF	324	222
>SOCS1-S205 VLRDYLSSFPF	320	>SOCS1-S205 VLRDYLNSFPF	432	112
>SOCS1-S205 VLRDYLSSF	27	>SOCS1-S205 VLRDYLNSF	39	12
>SOCS1-S205 VLRDYLSSFPF	27	>SOCS1-S205 VLRDYLNSFPF	33	6
>SOCS1-S205 VLRDYLSSF	231	>SOCS1-S205 VLRDYLNSF	668	437
>SOCS1-S205 VLRDYLSSFPF	144	>SOCS1-S205 VLRDYLNSFPF	228	84
>SOCS1-S205 VLRDYLSSF	11	>SOCS1-S205 VLRDYLNSF	22	11
>SOCS1-S205 VLRDYLSSFPF	12	>SOCS1-S205 VLRDYLNSFPF	19	7
>SOCS1-S205 VLRDYLSSF	30	>SOCS1-S205 VLRDYLNSF	247	217
>SOCS1-S205 VLRDYLSSFPF	22	>SOCS1-S205 VLRDYLNSFPF	61	39
>SOCS1-S205 VLRDYLSSF	20	>SOCS1-S205 VLRDYLNSF	230	210
>SOCS1-S205 PVLRDYLSSF	111	>SOCS1-S205 PVLRDYLNSF	145	34
>SOCS1-S205 PVLRDYLSSF	443	>SOCS1-S205 PVLRDYLNSF	875	432
>SOCS1-S205 NPVLRDYLSS	135	>SOCS1-S205 NPVLRDYLNS	205	70
>SOCS1-S205 NPVLRDYLSS	29	>SOCS1-S205 NPVLRDYLNS	39	10
>SOCS1-S205 NPVLRDYLSS	105	>SOCS1-S205 NPVLRDYLNS	149	44
>SOCS1-S205 NPVLRDYLSS	168	>SOCS1-S205 NPVLRDYLNS	120	48
>SOCS1-S205 NPVLRDYLSS	329	>SOCS1-S205 NPVLRDYLNS	493	164
>SOCS1-S206 LSSFPFQI	325	>SOCS1-S206 LSPFPFQI	308	17
>SOCS1-S206 LSSFPFQI	110	>SOCS1-S206 LSPFPFQI	1810	1700
>SOCS1-S206 LSSFPFQI	159	>SOCS1-S206 LSPFPFQI	8183	8024
>SOCS1-S206 LSSFPFQI	372	>SOCS1-S206 LSPFPFQI	4	368
>SOCS1-S206 LSSFPFQI	17	>SOCS1-S206 LSPFPFQI	31	14
>SOCS1-S206 YLSSFPFQ	301	>SOCS1-S206 YLSPFPFQ	380	79
>SOCS1-S206 YLSSFPFQI	7	>SOCS1-S206 YLSPFPFQI	7	0
>SOCS1-S206 YLSSFPFQ	15	>SOCS1-S206 YLSPFPFQ	22	7
>SOCS1-S206 YLSSFPFQI	2	>SOCS1-S206 YLSPFPFQI	3	1
>SOCS1-S206 YLSSFPFQ	467	>SOCS1-S206 YLSPFPFQ	604	137
>SOCS1-S206 YLSSFPFQI	4	>SOCS1-S206 YLSPFPFQI	4	0
>SOCS1-S206 YLSSFPFQ	586	>SOCS1-S206 YLSPFPFQ	307	279
>SOCS1-S206 YLSSFPFQI	52	>SOCS1-S206 YLSPFPFQI	15	37
>SOCS1-S206 YLSSFPFQ	69	>SOCS1-S206 YLSPFPFQ	50	19
>SOCS1-S206 YLSSFPFQI	2	>SOCS1-S206 YLSPFPFQI	2	0
>SOCS1-S206 YLSSFPFQI	5	>SOCS1-S206 YLSPFPFQI	4	1
>SOCS1-S206 YLSSFPFQ	56	>SOCS1-S206 YLSPFPFQ	42	14
>SOCS1-S206 YLSSFPFQI	5	>SOCS1-S206 YLSPFPFQI	5	0
>SOCS1-S206 YLSSFPFQI	2	>SOCS1-S206 YLSPFPFQI	2	0
>SOCS1-S206 YLSSFPFQ	7	>SOCS1-S206 YLSPFPFQ	5	2
>SOCS1-S206 YLSSFPFQI	2	>SOCS1-S206 YLSPFPFQI	2	0
>SOCS1-S206 YLSSFPFQI	558	>SOCS1-S206 YLSPFPFQI	412	146
>SOCS1-S206 YLSSFPFQI	240	>SOCS1-S206 YLSPFPFQI	537	297
>SOCS1-S206 YLSSFPFQI	493	>SOCS1-S206 YLSPFPFQI	268	225
>SOCS1-S206 YLSSFPFQI	37	>SOCS1-S206 YLSPFPFQI	42	5

>SOCS1-S20€YLSSFPFQI	364	>SOCS1-S20€YLSPFPFQI	793	429
>SOCS1-S20€YLSSFPFQI	708	>SOCS1-S20€YLSPFPFQI	177	531
>SOCS1-S20€DYLSSFPFQI	392	>SOCS1-S20€DYLSFPFPFQI	4457	4065
>SOCS1-S20€DYLSSFPF	54	>SOCS1-S20€DYLSFPFPF	83	29
>SOCS1-S20€DYLSSFPFQI	118	>SOCS1-S20€DYLSFPFPFQI	131	13
>SOCS1-S20€DYLSSFPF	85	>SOCS1-S20€DYLSFPFPF	102	17
>SOCS1-S20€DYLSSFPFQI	241	>SOCS1-S20€DYLSFPFPFQI	431	190
>SOCS1-S20€DYLSSFPF	22	>SOCS1-S20€DYLSFPFPF	28	6
>SOCS1-S20€DYLSSFPFQI	32	>SOCS1-S20€DYLSFPFPFQI	30	2
>SOCS1-S20€DYLSSFPFQ	497	>SOCS1-S20€DYLSFPFPFQ	418	79
>SOCS1-S20€DYLSSFPFQI	811	>SOCS1-S20€DYLSFPFPFQI	331	480
>SOCS1-S20€DYLSSFPF	784	>SOCS1-S20€DYLSFPFPF	497	287
>SOCS1-S20€RDYLSSFPFQI	97	>SOCS1-S20€RDYLSFPFPFQI	174	77
>SOCS1-S20€RDYLSSFPF	361	>SOCS1-S20€RDYLSFPFPF	490	129
>SOCS1-S20€RDYLSSFPF	227	>SOCS1-S20€RDYLSFPFPF	2242	2015
>SOCS1-S20€RDYLSSFPF	20	>SOCS1-S20€RDYLSFPFPF	29	9
>SOCS1-S20€RDYLSSFPF	54	>SOCS1-S20€RDYLSFPFPF	167	113
>SOCS1-S20€RDYLSSFPF	43	>SOCS1-S20€RDYLSFPFPF	87	44
>SOCS1-S20€RDYLSSFPFQI	170	>SOCS1-S20€RDYLSFPFPFQI	250	80
>SOCS1-S20€RDYLSSFPF	141	>SOCS1-S20€RDYLSFPFPF	215	74
>SOCS1-S20€RDYLSSFPFQI	9	>SOCS1-S20€RDYLSFPFPFQI	11	2
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>SOCS1-S20€LRDYLSSFPF	517	>SOCS1-S20€LRDYLSFPFPF	120	397
>SOCS1-S20€VLRDYLSSF	1195	>SOCS1-S20€VLRDYLSPF	306	889
>SOCS1-S20€VLRDYLSSF	515	>SOCS1-S20€VLRDYLSPF	414	101
>SOCS1-S20€VLRDYLSSF	129	>SOCS1-S20€VLRDYLSPF	81	48
>SOCS1-S20€VLRDYLSSF	873	>SOCS1-S20€VLRDYLSPF	437	436
>SOCS1-S20€VLRDYLSSFPF	437	>SOCS1-S20€VLRDYLSFPFPF	799	362
>SOCS1-S20€VLRDYLSS	181	>SOCS1-S20€VLRDYLSF	1983	1802
>SOCS1-S20€VLRDYLSSF	102	>SOCS1-S20€VLRDYLSPF	252	150
>SOCS1-S20€VLRDYLSSFPF	320	>SOCS1-S20€VLRDYLSFPFPF	482	162
>SOCS1-S20€VLRDYLSSF	27	>SOCS1-S20€VLRDYLSPF	24	3
>SOCS1-S20€VLRDYLSSFPF	27	>SOCS1-S20€VLRDYLSFPFPF	41	14
>SOCS1-S20€VLRDYLSSF	231	>SOCS1-S20€VLRDYLSPF	137	94
>SOCS1-S20€VLRDYLSSFPF	144	>SOCS1-S20€VLRDYLSFPFPF	228	84
>SOCS1-S20€VLRDYLSSF	11	>SOCS1-S20€VLRDYLSPF	10	1
>SOCS1-S20€VLRDYLSSFPF	12	>SOCS1-S20€VLRDYLSFPFPF	13	1
>SOCS1-S20€VLRDYLSSF	30	>SOCS1-S20€VLRDYLSPF	36	6
>SOCS1-S20€VLRDYLSSFPF	22	>SOCS1-S20€VLRDYLSFPFPF	36	14
>SOCS1-S20€VLRDYLSSF	1144	>SOCS1-S20€VLRDYLSPF	377	767



>SOCS1-S20€ VLRDYLSSF	20	>SOCS1-S20€ VLRDYLSPF	82	62
>SOCS1-S20€ PVLRDYLSSF	111	>SOCS1-S20€ PVLRDYLSPF	80	31
>SOCS1-S20€ PVLRDYLSSF	443	>SOCS1-S20€ PVLRDYLSPF	430	13
>SOCS1-S20€ NPVLRDYLSS	135	>SOCS1-S20€ NPVLRDYLSP	88	47
>SOCS1-S20€ NPVLRDYLSS	29	>SOCS1-S20€ NPVLRDYLSP	16	13
>SOCS1-S20€ NPVLRDYLSS	105	>SOCS1-S20€ NPVLRDYLSP	215	110
>SOCS1-S20€ NPVLRDYLSS	168	>SOCS1-S20€ NPVLRDYLSP	93	75
>SOCS1-S20€ NPVLRDYLSS	329	>SOCS1-S20€ NPVLRDYLSP	403	74
>SOCS1-S27F SSSSSSPA	4302	>SOCS1-S27F FSSSSSPA	284	4018
>SOCS1-S27F SSSSSSPAAP/	4069	>SOCS1-S27F FSSSSSPAAP/	318	3751
>SOCS1-S27F SSSSSSPA	3106	>SOCS1-S27F FSSSSSPA	399	2707
>SOCS1-S27F SSSSSSPAA	4592	>SOCS1-S27F FSSSSSPAA	283	4309
>SOCS1-S27F SSSSSSPAAP/	5482	>SOCS1-S27F FSSSSSPAAP/	369	5113
>SOCS1-S27F SSSSSSPA	396	>SOCS1-S27F FSSSSSPA	8102	7706
>SOCS1-S27F SSSSSSPAA	142	>SOCS1-S27F FSSSSSPAA	6030	5888
>SOCS1-S27F SSSSSSPAAP/	309	>SOCS1-S27F FSSSSSPAAP/	6814	6505
>SOCS1-S27F SSSSSSPA	707	>SOCS1-S27F FSSSSSPA	177	530
>SOCS1-S27F SSSSSSPAAP/	402	>SOCS1-S27F FSSSSSPAAP/	120	282
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>SOCS1-S27F SSSSSSPAA	597	>SOCS1-S27F FSSSSSPAA	152	445
>SOCS1-S27F SSSSSSPAAP/	1248	>SOCS1-S27F FSSSSSPAAP/	315	933
>SOCS1-S27F SSSSSSPA	241	>SOCS1-S27F SFSSSSSPA	944	703
>SOCS1-S27F SSSSSSPAA	208	>SOCS1-S27F SFSSSSPAA	820	612
>SOCS1-S27F SSSSSSPA	319	>SOCS1-S27F SFSSSSSPA	11308	10989
>SOCS1-S27F SSSSSSPA	341	>SOCS1-S27F SFSSSSSPA	2844	2503
>SOCS1-S27F SSSSSSPA	254	>SOCS1-S27F SFSSSSSPA	4777	4523
>SOCS1-S27F SSSSSSPAA	434	>SOCS1-S27F SFSSSSPAA	6530	6096
>SOCS1-S27F SSSSSSPA	363	>SOCS1-S27F SFSSSSSPA	5518	5155
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>SOCS1-S27F SSSSSSPAA	23489	>SOCS1-S27F SFSSSSPAA	450	23039
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>SOCS1-S27F PSSSSSSSPA	1559	>SOCS1-S27F PSFSSSSSPA	267	1292
>SOCS1-S27F PSSSSSSPAA	2243	>SOCS1-S27F PSFSSSSPAA	469	1774
>SOCS1-S27F EPSSSSSSSPA	442	>SOCS1-S27F EPSFSSSSSPA	772	330
>SOCS1-S27F EPSSSSSS	379	>SOCS1-S27F EPSFSSSS	581	202
>SOCS1-S27F EPSSSSSSS	248	>SOCS1-S27F EPSFSSSSS	451	203
>SOCS1-S27F EPSSSSSSSPA	70	>SOCS1-S27F EPSFSSSSSPA	105	35
>SOCS1-S27F EPSSSSSSSPA	471	>SOCS1-S27F EPSFSSSSSPA	588	117
>SOCS1-S27F RPEPSSSSS	297	>SOCS1-S27F RPEPSFSSS	479	182
>SOCS1-S27F RPEPSSSSSSS	306	>SOCS1-S27F RPEPSFSSSSS	432	126
>SOCS1-S27F RRPEPSSSSS	877	>SOCS1-S27F RRPEPSFSSS	488	389
>SOCS1-S27F RRPEPSSSSS	906	>SOCS1-S27F RRPEPSFSSS	322	584
>SOCS1-S27F RRRPEPSSS	1859	>SOCS1-S27F RRRPEPSFS	491	1368

>SOCS1-S27F RRRPEPSS	1430	>SOCS1-S27F RRRPEPSF	4	1426
>SOCS1-S27F RRRPEPSSS	362	>SOCS1-S27F RRRPEPSFS	1577	1215
>SOCS1-S27F RRRPEPSSSS	297	>SOCS1-S27F RRRPEPSFSS	975	678
>SOCS1-S27F RRRPEPSSSSS	200	>SOCS1-S27F RRRPEPSFSSS	213	13
>SOCS1-S27F RRRPEPSS	2534	>SOCS1-S27F RRRPEPSF	365	2169
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>SOCS1-S27F RRRPEPSSS	645	>SOCS1-S27F RRRPEPSFS	270	375
>SOCS1-S27F RRRPEPSSSS	408	>SOCS1-S27F RRRPEPSFSS	371	37
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>SOCS1-S27F RRRPEPSS	3134	>SOCS1-S27F RRRPEPSF	150	2984
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>SOCS1-S28F SSSSSPAAPAI	177	>SOCS1-S28F FSSSSPAAPAI	2919	2742
>SOCS1-S28F SSSSSPAAPAI	152	>SOCS1-S28F FSSSSPAAPAI	1126	974
>SOCS1-S28F SSSSSPAAPAI	34	>SOCS1-S28F FSSSSPAAPAI	13	21
>SOCS1-S28F SSSSSPAAPA	129	>SOCS1-S28F FSSSSPAAPA	84	45
>SOCS1-S28F SSSSSPAA	1638	>SOCS1-S28F FSSSSPAA	409	1229
>SOCS1-S28F SSSSSPAAPA	1362	>SOCS1-S28F FSSSSPAAPA	347	1015
>SOCS1-S28F SSSSSPAAPAI	1288	>SOCS1-S28F FSSSSPAAPAI	344	944
>SOCS1-S28F SSSSSPAAPAI	218	>SOCS1-S28F FSSSSPAAPAI	2620	2402
>SOCS1-S28F SSSSSSPA	396	>SOCS1-S28F SFSSSSPA	1428	1032
>SOCS1-S28F SSSSSSPAA	142	>SOCS1-S28F SFSSSSPAA	592	450
>SOCS1-S28F SSSSSSPAAP/	309	>SOCS1-S28F SFSSSSPAAP/	1048	739
>SOCS1-S28F SSSSSSPAAP/	402	>SOCS1-S28F SFSSSSPAAP/	10958	10556
>SOCS1-S28F SSSSSSPA	25031	>SOCS1-S28F SFSSSSPA	326	24705
>SOCS1-S28F SSSSSSPAA	23667	>SOCS1-S28F SFSSSSPAA	270	23397
>SOCS1-S28F SSSSSSPAAP/	25502	>SOCS1-S28F SFSSSSPAAP/	427	25075
>SOCS1-S28F EPRRRPEPSSI	6363	>SOCS1-S28F EPRRRPEPSSI	64	6299
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>SOCS1-S28F SSSSSSSPA	241	>SOCS1-S28F SSFSSSSPA	42	199
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>SOCS1-S28F SSSSSSSPA	319	>SOCS1-S28F SSFSSSSPA	62	257
>SOCS1-S28F SSSSSSSPAA	968	>SOCS1-S28F SSFSSSSPAA	476	492
>SOCS1-S28F SSSSSSSPA	341	>SOCS1-S28F SSFSSSSPA	138	203
>SOCS1-S28F SSSSSSSPAA	728	>SOCS1-S28F SSFSSSSPAA	270	458
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>SOCS1-S28F SSSSSSSPAA	434	>SOCS1-S28F SSFSSSSPAA	63	371
>SOCS1-S28F SSSSSSSPAAF	1583	>SOCS1-S28F SSFSSSSPAAF	272	1311
>SOCS1-S28F SSSSSSSPA	1122	>SOCS1-S28F SSFSSSSPA	198	924
>SOCS1-S28F SSSSSSSPA	363	>SOCS1-S28F SSFSSSSPA	71	292

>SOCS1-S28F EPSSSSSSSPA	442	>SOCS1-S28F EPSSFSSSSPA	1145	703
>SOCS1-S28F EPSSSSSS	379	>SOCS1-S28F EPSSFSSS	493	114
>SOCS1-S28F EPSSSSSSS	248	>SOCS1-S28F EPSSFSSSS	210	38
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>SOCS1-S28F EPSSSSSSSPA	471	>SOCS1-S28F EPSSFSSSSPA	323	148
>SOCS1-S28F RPEPSSSSS	297	>SOCS1-S28F RPEPSSFSS	1560	1263
>SOCS1-S28F RPEPSSSSSS	306	>SOCS1-S28F RPEPSSFSSS	863	557
>SOCS1-S28F RRPEPSSS	4898	>SOCS1-S28F RRPEPSSF	10	4888
>SOCS1-S28F RRRPEPSSS	1168	>SOCS1-S28F RRRPEPSSF	361	807
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>SOCS1-S28F RRRPEPSSSS	200	>SOCS1-S28F RRRPEPSSFSS	496	296
>SOCS1-S28F RRRPEPSSS	2269	>SOCS1-S28F RRRPEPSSF	315	1954
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>SOCS1-S28F RRRPEPSSS	645	>SOCS1-S28F RRRPEPSSF	88	557
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>SOCS1-W81 SALLDACGFY	21255	>SOCS1-W81 SALLDACGFY	185	21070
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>SOCS1-W81 SALLDACGFY	31136	>SOCS1-W81 SALLDACGFY	458	30678
>SOCS1-W81 SALLDACGFY	25494	>SOCS1-W81 SALLDACGFY	82	25412
>SOCS1-W81 SALLDACGFY	31	>SOCS1-W81 SALLDACGFY	15362	15331
>SOCS1-W81 SALLDACGFY	117	>SOCS1-W81 SALLDACGFY	28973	28856
>SOCS1-W81 SALLDACGFY	59	>SOCS1-W81 SALLDACGFY	21435	21376
>SOCS1-W81 SALLDACGFY	19	>SOCS1-W81 SALLDACGFY	21156	21137
>SOCS1-W81 SALLDACGFY	23027	>SOCS1-W81 SALLDACGFY	108	22919
>SOCS1-W81 FYWGPLSV	128	>SOCS1-W81 FYRGPLSV	14077	13949
>SOCS1-W81 FYWGPLSV	343	>SOCS1-W81 FYRGPLSV	3185	2842
>SOCS1-W81 FYWGPLSV	70	>SOCS1-W81 FYRGPLSV	1366	1296
>SOCS1-W81 FYWGPLSVH	362	>SOCS1-W81 FYRGPLSVHG	5450	5088
>SOCS1-W81 FYWGPLSV	7	>SOCS1-W81 FYRGPLSV	658	651
>SOCS1-W81 FYWGPLSVH	89	>SOCS1-W81 FYRGPLSVHG	5950	5861
>SOCS1-W81 FYWGPLSV	28	>SOCS1-W81 FYRGPLSV	5659	5631
>SOCS1-W81 FYWGPLSVH	492	>SOCS1-W81 FYRGPLSVHG	15558	15066
>SOCS1-W81 FYWGPLSV	6	>SOCS1-W81 FYRGPLSV	34	28
>SOCS1-W81 FYWGPLSVH	129	>SOCS1-W81 FYRGPLSVHG	1387	1258
>SOCS1-W81 FYWGPLSV	105	>SOCS1-W81 FYRGPLSV	463	358
>SOCS1-W81 FYWGPLSV	412	>SOCS1-W81 FYRGPLSV	5532	5120
>SOCS1-W81 FYWGPLSVH	715	>SOCS1-W81 FYRGPLSVH	111	604
>SOCS1-W81 FYWGPLSV	295	>SOCS1-W81 FYRGPLSV	1020	725

>SOCS1-W81 FYWGPLSVH	404	>SOCS1-W81 FYRGPLSVHG	1362	958
>SOCS1-W81 GFYWGPLSV	24	>SOCS1-W81 GFYRGPLSV	227	203
>SOCS1-W81 GFYWGPLSV	38	>SOCS1-W81 GFYRGPLSV	259	221
>SOCS1-W81 GFYWGPLSV	69	>SOCS1-W81 GFYRGPLSV	213	144
>SOCS1-W81 GFYWGPLSV	291	>SOCS1-W81 GFYRGPLSV	902	611
>SOCS1-W81 GFYWGPLSV	147	>SOCS1-W81 GFYRGPLSV	992	845
>SOCS1-W81 CGFYWGPL	338	>SOCS1-W81 CGFYRGPL	2258	1920
>SOCS1-W81 CGFYWGPLSV	365	>SOCS1-W81 CGFYRGPLSV	788	423
>SOCS1-W81 CGFYWGPL	267	>SOCS1-W81 CGFYRGPL	412	145
>SOCS1-W81 DACGFYWGPI	547	>SOCS1-W81 DACGFYRGPI	321	226
>SOCS1-W81 LDACGFYR	32899	>SOCS1-W81 LDACGFYR	429	32470
>SOCS1-W81 LDACGFYR	33231	>SOCS1-W81 LDACGFYR	362	32869
>SOCS1-W81 LLDACGFYR	411	>SOCS1-W81 LLDACGFYR	2873	2462
>SOCS1-W81 LLDACGFYR	13441	>SOCS1-W81 LLDACGFYR	26	13415
>SOCS1-W81 LLDACGFYR	30533	>SOCS1-W81 LLDACGFYR	316	30217
>SOCS1-W81 LLDACGFYR	310	>SOCS1-W81 LLDACGFYR	24368	24058
>SOCS1-W81 LLDACGFYR	24	>SOCS1-W81 LLDACGFYR	21659	21635
>SOCS1-W81 LLDACGFYR	13331	>SOCS1-W81 LLDACGFYR	85	13246
>SOCS1-W81 ALLDACGFYR	434	>SOCS1-W81 ALLDACGFYR	238	196
>SOCS1-W81 ALLDACGFYR	443	>SOCS1-W81 ALLDACGFYR	466	23
>SOCS1-W81 ALLDACGFYR	5062	>SOCS1-W81 ALLDACGFYR	42	5020
>SOCS1-W81 ALLDACGFYR	19824	>SOCS1-W81 ALLDACGFYR	30	19794
>SOCS1-W81 ALLDACGFYR	4829	>SOCS1-W81 ALLDACGFYR	9	4820
>SOCS1-W81 ALLDACGFYR	17813	>SOCS1-W81 ALLDACGFYR	88	17725
>SOCS1-W81 ALLDACGFYR	32120	>SOCS1-W81 ALLDACGFYR	180	31940
>SOCS1-W81 ALLDACGFYR	124	>SOCS1-W81 ALLDACGFYR	22232	22108
>SOCS1-W81 ALLDACGFYR	163	>SOCS1-W81 ALLDACGFYR	23712	23549
>SOCS1-W81 ALLDACGFYR	433	>SOCS1-W81 ALLDACGFYR	22051	21618
>SOCS1-W81 ALLDACGFYR	20485	>SOCS1-W81 ALLDACGFYR	47	20438
>SOCS1-W81 ALLDACGFYR	15873	>SOCS1-W81 ALLDACGFYR	136	15737
>SOCS1-Y64N YRRITRASA	372	>SOCS1-Y64N YRRITRASA	1178	806
>SOCS1-Y64N YRRITRASA	371	>SOCS1-Y64N YRRITRASA	3290	2919
>SOCS1-Y64N YRRITRASAL	26	>SOCS1-Y64N YRRITRASAL	325	299
>SOCS1-Y64N YRRITRASALL	132	>SOCS1-Y64N YRRITRASALI	1179	1047
>SOCS1-Y64N YRRITRASAL	98	>SOCS1-Y64N YRRITRASAL	331	233
>SOCS1-Y64N YRRITRASALL	155	>SOCS1-Y64N YRRITRASALI	1474	1319
>SOCS1-Y64N YRRITRASAL	61	>SOCS1-Y64N YRRITRASAL	201	140
>SOCS1-Y64N YRRITRASALL	331	>SOCS1-Y64N YRRITRASALI	1329	998
>SOCS1-Y64N YRRITRASA	751	>SOCS1-Y64N YRRITRASA	476	275
>SOCS1-Y64N YRRITRASAL	404	>SOCS1-Y64N YRRITRASAL	221	183
>SOCS1-Y64N YRRITRASALL	128	>SOCS1-Y64N YRRITRASALI	166	38
>SOCS1-Y64N YRRITRASAL	124	>SOCS1-Y64N YRRITRASAL	208	84
>SOCS1-Y64N YRRITRASALL	41	>SOCS1-Y64N YRRITRASALI	48	7

>SOCS1-Y64M DYRRITRASA	131	>SOCS1-Y64M DNRRITRASA	18938	18807
>SOCS1-Y64M DYRRITRASA	208	>SOCS1-Y64M DNRRITRASA	3656	3448
>SOCS1-Y64M DYRRITRASA	1131	>SOCS1-Y64M DNRRITRASA	367	764
>SOCS1-Y64M HFRTFRSHAD	83	>SOCS1-Y64M HFRTFRSHAD	20380	20297
>SOCS1-Y64M HFRTFRSHAD	18	>SOCS1-Y64M HFRTFRSHAD	155	137
>SOCS1-Y64M HFRTFRSHAD	437	>SOCS1-Y64M HFRTFRSHAD	23313	22876
>SOCS1-Y64M HFRTFRSHAD	168	>SOCS1-Y64M HFRTFRSHAD	22960	22792
>SOCS1-Y64M HFRTFRSHAD	272	>SOCS1-Y64M HFRTFRSHAD	32934	32662
>SOCS1-Y64M HADYRRITR	104	>SOCS1-Y64M HADNRRITR	119	15
>SOCS1-Y64M HADYRRITR	37	>SOCS1-Y64M HADNRRITR	68	31
>SOCS1-Y64M HADYRRITR	66	>SOCS1-Y64M HADNRRITR	153	87
>SOCS1-Y64M SHADYRRITR	296	>SOCS1-Y64M SHADNRRITR	760	464
>SOCS1-Y64M RSHADYRR	191	>SOCS1-Y64M RSHADNRR	193	2
>SOCS1-Y64M RSHADYRRI	27	>SOCS1-Y64M RSHADNRR	49	22
>SOCS1-Y64M RSHADYRRIT	273	>SOCS1-Y64M RSHADNRRIT	377	104
>SOCS1-Y64M RSHADYRRIT	20	>SOCS1-Y64M RSHADNRRIT	27	7
>SOCS1-Y64M RSHADYRR	13	>SOCS1-Y64M RSHADNRR	39	26
>SOCS1-Y64M RSHADYRRIT	12	>SOCS1-Y64M RSHADNRRIT	21	9
>SOCS1-Y64M RSHADYRRI	59	>SOCS1-Y64M RSHADNRR	42	17
>SOCS1-Y64M RSHADYRR	116	>SOCS1-Y64M RSHADNRR	509	393
>SOCS1-Y64M RSHADYRRIT	289	>SOCS1-Y64M RSHADNRRIT	287	2
>SOCS1-Y64M RSHADYRRI	23	>SOCS1-Y64M RSHADNRR	44	21
>SOCS1-Y64M FRSHADYR	394	>SOCS1-Y64M FRSHADNR	1420	1026
>SOCS1-Y64M FRSHADYRR	254	>SOCS1-Y64M FRSHADNRR	1496	1242
>SOCS1-Y64M FRSHADYR	478	>SOCS1-Y64M FRSHADNR	2580	2102
>SOCS1-Y64M TFRSHADY	39	>SOCS1-Y64M TFRSHADN	18496	18457
>SOCS1-Y64M TFRSHADYR	18	>SOCS1-Y64M TFRSHADNR	78	60
>SOCS1-Y64M TFRSHADYRR	30	>SOCS1-Y64M TFRSHADNRF	110	80
>SOCS1-Y64M TFRSHADYR	107	>SOCS1-Y64M TFRSHADNR	365	258
>SOCS1-Y64M TFRSHADYR	189	>SOCS1-Y64M TFRSHADNR	714	525
>SOCS1-Y64M TFRSHADYRR	128	>SOCS1-Y64M TFRSHADNRF	532	404
>SOCS1-Y64M TFRSHADY	305	>SOCS1-Y64M TFRSHADN	28382	28077
>SOCS1-Y64M TFRSHADYRR	264	>SOCS1-Y64M TFRSHADNRF	1287	1023
>SOCS1-Y64M TFRSHADYR	56	>SOCS1-Y64M TFRSHADNR	336	280
>SOCS1-Y64M TFRSHADYRR	81	>SOCS1-Y64M TFRSHADNRF	376	295
>SOCS1-Y64M RTFRSHADY	123	>SOCS1-Y64M RTFRSHADN	12350	12227
>SOCS1-Y64M RTFRSHADYR	362	>SOCS1-Y64M RTFRSHADNF	416	54
>SOCS1-Y64M RTFRSHADY	123	>SOCS1-Y64M RTFRSHADN	11548	11425
>SOCS1-Y64M RTFRSHADYR	351	>SOCS1-Y64M RTFRSHADNF	1398	1047
>SOCS1-Y64M RTFRSHADYR	42	>SOCS1-Y64M RTFRSHADNF	106	64
>SOCS1-Y64M RTFRSHADY	391	>SOCS1-Y64M RTFRSHADN	30207	29816
>SOCS1-Y64M RTFRSHADY	64	>SOCS1-Y64M RTFRSHADN	20207	20143
>SOCS1-Y64M RTFRSHADY	15	>SOCS1-Y64M RTFRSHADN	152	137

>SOCS1-Y64M RTFRSHADYR	43	>SOCS1-Y64M RTFRSHADNF	102	59
>SOCS1-Y64M RTFRSHADYR	53	>SOCS1-Y64M RTFRSHADNF	41	12
>SOCS1-Y64M RTFRSHADY	52	>SOCS1-Y64M RTFRSHADN	12437	12385
>SOCS1-Y64M RTFRSHADYR	22	>SOCS1-Y64M RTFRSHADNF	69	47
>SOCS1-Y64M RTFRSHADYR	5	>SOCS1-Y64M RTFRSHADNF	7	2
>SOCS1-Y64M RTFRSHADY	72	>SOCS1-Y64M RTFRSHADN	1782	1710
>SOCS1-Y64M RTFRSHADYR	382	>SOCS1-Y64M RTFRSHADNF	1033	651
>SOCS1-Y64M RTFRSHADYR	22	>SOCS1-Y64M RTFRSHADNF	125	103
>SOCS1-Y64M RTFRSHADYR	11	>SOCS1-Y64M RTFRSHADNF	16	5
>SOCS1-Y64M RTFRSHADY	46	>SOCS1-Y64M RTFRSHADN	21579	21533
>SOCS1-Y64M RTFRSHADY	67	>SOCS1-Y64M RTFRSHADN	15505	15438
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>SOCS1-Y64M RTFRSHADY	3	>SOCS1-Y64M RTFRSHADN	377	374
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>SOCS1-Y64M RTFRSHADY	46	>SOCS1-Y64M RTFRSHADN	1878	1832
>SOCS1-Y64M RTFRSHADY	49	>SOCS1-Y64M RTFRSHADN	13450	13401
>SOCS1-Y64M RTFRSHADY	7	>SOCS1-Y64M RTFRSHADN	1529	1522
>SOCS1-Y64M RTFRSHADY	497	>SOCS1-Y64M RTFRSHADN	34726	34229
>SOCS1-Y64M RTFRSHADYR	223	>SOCS1-Y64M RTFRSHADNF	1002	779
>SOCS1-Y64M RTFRSHADYR	184	>SOCS1-Y64M RTFRSHADNF	193	9
>SOCS1-Y64M RTFRSHADYR	181	>SOCS1-Y64M RTFRSHADNF	464	283
>SOCS1-Y64M RTFRSHADYR	42	>SOCS1-Y64M RTFRSHADNF	143	101
>SOCS1-Y64M RTFRSHADYR	51	>SOCS1-Y64M RTFRSHADNF	129	78
>SOCS1-Y64M FRTFRSHADY	200	>SOCS1-Y64M FRTFRSHADN	682	482
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>SOCS1-Y64M FRTFRSHADY	132	>SOCS1-Y64M FRTFRSHADN	6432	6300
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>SRC-D407H·ADFGLARLI	77	>SRC-D407H·AHFGLARLI	187	110
>SRC-D407H·ADFGLARL	8718	>SRC-D407H·AHFGLARL	57	8661
>SRC-D407H·ADFGLARL	306	>SRC-D407H·AHFGLARL	12704	12398
>SRC-D407H·ADFGLARLI	246	>SRC-D407H·AHFGLARLI	17024	16778
>SRC-D407H·ADFGLARLI	125	>SRC-D407H·AHFGLARLI	2669	2544
>SRC-D407H·ADFGLARLI	38	>SRC-D407H·AHFGLARLI	9073	9035
>SRC-D407H·VADFGLARL	1880	>SRC-D407H·VAHFGLARL	331	1549
>SRC-D407H·VADFGLAR	2577	>SRC-D407H·VAHFGLAR	155	2422
>SRC-D407H·VADFGLAR	1935	>SRC-D407H·VAHFGLAR	387	1548
>SRC-D407H·VADFGLARL	70	>SRC-D407H·VAHFGLARL	16	54
>SRC-D407H·VADFGLARLI	375	>SRC-D407H·VAHFGLARLI	257	118
>SRC-D407H·KVADFGLA	204	>SRC-D407H·KVAHFGLA	517	313
>SRC-D407H·KVADFGLARL	48	>SRC-D407H·KVAHFGLARL	291	243
>SRC-D407H·KVADFGLARL	129	>SRC-D407H·KVAHFGLARL	383	254
>SRC-D407H·KVADFGLA	88	>SRC-D407H·KVAHFGLA	127	39
>SRC-D407H·KVADFGLARL	104	>SRC-D407H·KVAHFGLARL	229	125

>SRC-D407H·KVADFGLARL	192	>SRC-D407H·KVAHFGLARL	352	160
>SRC-D407H·KVADFGLA	38	>SRC-D407H·KVAHFGLA	134	96
>SRC-D407H·KVADFGLARL	297	>SRC-D407H·KVAHFGLARL	1028	731
>SRC-D407H·KVADFGLARL	119	>SRC-D407H·KVAHFGLARL	464	345
>SRC-D407H·KVADFGLARL	144	>SRC-D407H·KVAHFGLARL	911	767
>SRC-D407H·KVADFGLARL	46	>SRC-D407H·KVAHFGLARL	778	732
>SRC-D407H·KVADFGLAR	411	>SRC-D407H·KVAHFGLAR	147	264
>SRC-D407H·KVADFGLAR	30	>SRC-D407H·KVAHFGLAR	57	27
>SRC-D407H·KVADFGLA	868	>SRC-D407H·KVAHFGLA	291	577
>SRC-D407H·KVADFGLARL	590	>SRC-D407H·KVAHFGLARL	307	283
>SRC-D407H·KVADFGLAR	36	>SRC-D407H·KVAHFGLAR	27	9
>SRC-D407H·KVADFGLARL	467	>SRC-D407H·KVAHFGLARL	352	115
>SRC-D407H·KVADFGLARL	82	>SRC-D407H·KVAHFGLARL	66	16
>SRC-D407H·KVADFGLAR	150	>SRC-D407H·KVAHFGLAR	351	201
>SRC-D407H·KVADFGLARL	57	>SRC-D407H·KVAHFGLARL	67	10
>SRC-D407H·KVADFGLAR	22	>SRC-D407H·KVAHFGLAR	36	14
>SRC-D407H·KVADFGLARL	106	>SRC-D407H·KVAHFGLARL	143	37
>SRC-D407H·CKVADFGLAF	590	>SRC-D407H·CKVAHFGLAF	387	203
>SRC-D407H·CKVADFGLAF	369	>SRC-D407H·CKVAHFGLAF	207	162
>SRC-D407H·VCKVADFGLA	837	>SRC-D407H·VCKVAHFGLA	261	576
>SRC-D407H·LVCKVADFGL	466	>SRC-D407H·LVCKVAHFGL	842	376
>SRC-D407H·LVCKVADFGL	1269	>SRC-D407H·LVCKVAHFGL	390	879
>SRC-D407H·LVCKVADFGL	2161	>SRC-D407H·LVCKVAHFGL	445	1716
>SRC-D407H·LVCKVADF	1039	>SRC-D407H·LVCKVAHF	239	800
>SRC-D407H·LVCKVADF	376	>SRC-D407H·LVCKVAHF	77	299
>SRC-D407H·LVCKVADF	1061	>SRC-D407H·LVCKVAHF	304	757
>SRC-D407H·NLVCKVADFC	347	>SRC-D407H·NLVCKVAHFC	322	25
>SRC-D407H·NLVCKVADFC	35	>SRC-D407H·NLVCKVAHFC	26	9
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>SRC-D407H·NLVCKVADFC	134	>SRC-D407H·NLVCKVAHFC	107	27
>SRC-D407H·NLVCKVADFC	107	>SRC-D407H·NLVCKVAHFC	35	72
>SRC-D407H·NLVCKVADFC	18	>SRC-D407H·NLVCKVAHFC	19	1
>SRC-D407H·NLVCKVADFC	467	>SRC-D407H·NLVCKVAHFC	475	8
>SRC-D407H·NLVCKVADFC	225	>SRC-D407H·NLVCKVAHFC	138	87
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>SRC-D407H·NLVCKVADF	1317	>SRC-D407H·NLVCKVAHF	166	1151
>SRC-D407H·NLVCKVADFC	369	>SRC-D407H·NLVCKVAHFC	282	87
>SRC-D407H·NLVCKVADFC	1120	>SRC-D407H·NLVCKVAHFC	267	853
>SRC-D407H·NLVCKVADF	1079	>SRC-D407H·NLVCKVAHF	455	624
>SRC-D407H·NLVCKVADF	652	>SRC-D407H·NLVCKVAHF	76	576
>SRC-D407H·NLVCKVADF	692	>SRC-D407H·NLVCKVAHF	384	308
>SRC-D407H·GENLVCKVAH	155	>SRC-D407H·GENLVCKVAH	140	15
>SRC-D407H·GENLVCKVAH	215	>SRC-D407H·GENLVCKVAH	299	84

>SRC-D407H·GENLVCKVAI	173	>SRC-D407H·GENLVCKVAI	157	16
>SRGAP3-K6:KTIHHHEA	490	>SRGAP3-K6:QTIHHHEA	1172	682
>SRGAP3-K6:KTIHHHEAI	331	>SRGAP3-K6:QTIHHHEAI	1006	675
>SRGAP3-K6:KTIHHHEAIF	120	>SRGAP3-K6:QTIHHHEAIF	20	100
>SRGAP3-K6:KTIHHHEA	83	>SRGAP3-K6:QTIHHHEA	3833	3750
>SRGAP3-K6:KTIHHHEAI	323	>SRGAP3-K6:QTIHHHEAI	6205	5882
>SRGAP3-K6:KTIHHHEAI	10	>SRGAP3-K6:QTIHHHEAI	38	28
>SRGAP3-K6:KTIHHHEAIF	21	>SRGAP3-K6:QTIHHHEAIF	190	169
>SRGAP3-K6:KTIHHHEA	142	>SRGAP3-K6:QTIHHHEA	9	133
>SRGAP3-K6:KTIHHHEAI	504	>SRGAP3-K6:QTIHHHEAI	92	412
>SRGAP3-K6:KTIHHHEA	2336	>SRGAP3-K6:QTIHHHEA	134	2202
>SRGAP3-K6:KTIHHHEAI	1714	>SRGAP3-K6:QTIHHHEAI	96	1618
>SRGAP3-K6:KTIHHHEAIF	120	>SRGAP3-K6:QTIHHHEAIF	294	174
>SRGAP3-K6:KTIHHHEAI	16	>SRGAP3-K6:QTIHHHEAI	148	132
>SRGAP3-K6:KTIHHHEAIF	3	>SRGAP3-K6:QTIHHHEAIF	5	2
>SRGAP3-K6:KTIHHHEAIF	89	>SRGAP3-K6:QTIHHHEAIF	2237	2148
>SRGAP3-K6:KTIHHHEAI	112	>SRGAP3-K6:QTIHHHEAI	5409	5297
>SRGAP3-K6:KTIHHHEAIF	17	>SRGAP3-K6:QTIHHHEAIF	169	152
>SRGAP3-K6:KTIHHHEAIF	358	>SRGAP3-K6:QTIHHHEAIF	603	245
>SRGAP3-K6:KTIHHHEAIF	45	>SRGAP3-K6:QTIHHHEAIF	129	84
>SRGAP3-K6:IKTIHHHEAI	8837	>SRGAP3-K6:IQTIHHHEAI	72	8765
>SRGAP3-K6:IKTIHHHEAI	227	>SRGAP3-K6:IQTIHHHEAI	226	1
>SRGAP3-K6:VIKTIHHHEA	345	>SRGAP3-K6:VIQTIHHHEA	1254	909
>SRGAP3-K6:VIKTIHHHEA	379	>SRGAP3-K6:VIQTIHHHEA	112	267
>SRGAP3-K6:EVIKTIIH	197	>SRGAP3-K6:EVIQTIIH	500	303
>SRGAP3-K6:EVIKTIII	45	>SRGAP3-K6:EVIQTIII	23	22
>SRGAP3-K6:EVIKTIIH	25	>SRGAP3-K6:EVIQTIIH	16	9
>SRGAP3-K6:EVIKTIIHH	9	>SRGAP3-K6:EVIQTIIHH	6	3
>SRGAP3-K6:EVIKTIIHHE	40	>SRGAP3-K6:EVIQTIIHHE	26	14
>SRGAP3-K6:EVIKTIII	851	>SRGAP3-K6:EVIQTIII	355	496
>SRGAP3-K6:EVIKTIIH	1055	>SRGAP3-K6:EVIQTIIH	256	799
>SRGAP3-K6:EVIKTIIHH	990	>SRGAP3-K6:EVIQTIIHH	282	708
>SRGAP3-K6:EVIKTIII	40	>SRGAP3-K6:EVIQTIII	44	4
>SRGAP3-K6:EVIKTIII	73	>SRGAP3-K6:EVIQTIII	44	29
>SRGAP3-K6:NEVIKTII	83	>SRGAP3-K6:NEVIQTII	57	26
>SRGAP3-K6:NEVIKTIII	10	>SRGAP3-K6:NEVIQTIII	9	1
>SRGAP3-K6:NEVIKTII	431	>SRGAP3-K6:NEVIQTII	169	262
>SRGAP3-K6:NEVIKTIII	21	>SRGAP3-K6:NEVIQTIII	12	9
>SRGAP3-K6:HINEVIKTI	835	>SRGAP3-K6:HINEVIQTI	155	680
>SRGAP3-K6:HINEVIKTIH	961	>SRGAP3-K6:HINEVIQTIH	498	463
>SRGAP3-K6:HINEVIKTI	50	>SRGAP3-K6:HINEVIQTI	24	26
>SRGAP3-K6:HINEVIKTIH	171	>SRGAP3-K6:HINEVIQTIH	143	28
>SRGAP3-K6:HINEVIKTI	1020	>SRGAP3-K6:HINEVIQTI	122	898



>SRGAP3-K6:HINEVIKTI	21	>SRGAP3-K6:HINEVIQTI	6	15
>SRGAP3-K6:HINEVIKTII	582	>SRGAP3-K6:HINEVIQTII	291	291
>SRGAP3-K6:HINEVIKTIII	260	>SRGAP3-K6:HINEVIQTIII	162	98
>SRGAP3-K6:HINEVIKTI	554	>SRGAP3-K6:HINEVIQTI	63	491
>SRGAP3-K6:HINEVIKTI	688	>SRGAP3-K6:HINEVIQTI	91	597
>SRGAP3-K6:HINEVIKTI	828	>SRGAP3-K6:HINEVIQTI	66	762
>SRGAP3-K6:HINEVIKTI	66	>SRGAP3-K6:HINEVIQTI	44	22
>SRGAP3-K6:HINEVIKTII	524	>SRGAP3-K6:HINEVIQTII	257	267
>SRGAP3-K6:HINEVIKTIII	226	>SRGAP3-K6:HINEVIQTIII	186	40
>SRGAP3-K6:HINEVIKTI	337	>SRGAP3-K6:HINEVIQTI	66	271
>SRGAP3-K6:HINEVIKTIII	432	>SRGAP3-K6:HINEVIQTIII	235	197
>SRGAP3-K6:HINEVIKTI	650	>SRGAP3-K6:HINEVIQTI	117	533
>SRGAP3-K6:HINEVIKTIII	792	>SRGAP3-K6:HINEVIQTIII	357	435
>SRGAP3-K6:HINEVIKTI	375	>SRGAP3-K6:HINEVIQTI	244	131
>SRGAP3-K6:AHINEVIKTI	506	>SRGAP3-K6:AHINEVIQTI	356	150
>SRGAP3-K6:AHINEVIKTI	1351	>SRGAP3-K6:AHINEVIQTI	436	915
>SRGAP3-K6:QAHINEVIKTI	587	>SRGAP3-K6:QAHINEVIQT	298	289
>SRGAP3-K6:QAHINEVIK	247	>SRGAP3-K6:QAHINEVIQ	10209	9962
>SRGAP3-K6:QAHINEVIK	324	>SRGAP3-K6:QAHINEVIQ	11328	11004
>SRGAP3-K6:QAHINEVIKTI	241	>SRGAP3-K6:QAHINEVIQT	267	26
>SRGAP3-L6:LPRVVIVV	58	>SRGAP3-L6:IPRVVIVV	49	9
>SRGAP3-L6:LPRVVIVVM	21	>SRGAP3-L6:IPRVVIVVM	19	2
>SRGAP3-L6:LPRVVIVVM	42	>SRGAP3-L6:IPRVVIVVM	85	43
>SRGAP3-L6:LPRVVIVVMF	51	>SRGAP3-L6:IPRVVIVVMR	115	64
>SRGAP3-L6:LPRVVIVV	132	>SRGAP3-L6:IPRVVIVV	228	96
>SRGAP3-L6:LPRVVIVVM	488	>SRGAP3-L6:IPRVVIVVM	1006	518
>SRGAP3-L6:LPRVVIVVMF	137	>SRGAP3-L6:IPRVVIVVMR	264	127
>SRGAP3-L6:LPRVVIVV	16	>SRGAP3-L6:IPRVVIVV	44	28
>SRGAP3-L6:LPRVVIVVM	326	>SRGAP3-L6:IPRVVIVVM	985	659
>SRGAP3-L6:LPRVVIVVMF	429	>SRGAP3-L6:IPRVVIVVMR	313	116
>SRGAP3-L6:LPRVVIVVMF	181	>SRGAP3-L6:IPRVVIVVMR	163	18
>SRGAP3-L6:LPRVVIVVMF	203	>SRGAP3-L6:IPRVVIVVMR	359	156
>SRGAP3-L6:TLPRVVIV	211	>SRGAP3-L6:TIPRVVIV	2499	2288
>SRGAP3-L6:TLPRVVIV	120	>SRGAP3-L6:TIPRVVIV	1951	1831
>SRGAP3-L6:TLPRVVIV	149	>SRGAP3-L6:TIPRVVIV	2150	2001
>SRGAP3-L6:TLPRVVIV	265	>SRGAP3-L6:TIPRVVIV	2815	2550
>SRGAP3-L6:TLPRVVIV	21	>SRGAP3-L6:TIPRVVIV	165	144
>SRGAP3-L6:TLPRVVIV	26	>SRGAP3-L6:TIPRVVIV	236	210
>SRGAP3-L6:TLPRVVIV	265	>SRGAP3-L6:TIPRVVIV	508	243
>SRGAP3-L6:TLPRVVIV	285	>SRGAP3-L6:TIPRVVIV	460	175
>SRGAP3-L6:TLPRVVIV	10	>SRGAP3-L6:TIPRVVIV	201	191
>SRGAP3-L6:TLPRVVIV	4	>SRGAP3-L6:TIPRVVIV	32	28
>SRGAP3-L6:TLPRVVIVVM	162	>SRGAP3-L6:TIPRVVIVVM	2934	2772

>SRGAP3-L62TLPRVVIV	37	>SRGAP3-L62TIPRVVIV	4185	4148
>SRGAP3-L62TLPRVVIVV	21	>SRGAP3-L62TIPRVVIVV	2735	2714
>SRGAP3-L62TLPRVVIV	12	>SRGAP3-L62TIPRVVIV	239	227
>SRGAP3-L62TLPRVVIVV	9	>SRGAP3-L62TIPRVVIVV	78	69
>SRGAP3-L62TLPRVVIV	121	>SRGAP3-L62TIPRVVIV	5260	5139
>SRGAP3-L62TLPRVVIVV	35	>SRGAP3-L62TIPRVVIVV	3230	3195
>SRGAP3-L62TLPRVVIV	4	>SRGAP3-L62TIPRVVIV	56	52
>SRGAP3-L62TLPRVVIVV	4	>SRGAP3-L62TIPRVVIVV	63	59
>SRGAP3-L62TLPRVVIVVM	477	>SRGAP3-L62TIPRVVIVVM	8959	8482
>SRGAP3-L62TLPRVVIVVM	70	>SRGAP3-L62TIPRVVIVVM	28	42
>SRGAP3-L62TLPRVVIV	316	>SRGAP3-L62TIPRVVIV	62	254
>SRGAP3-L62TLPRVVIVV	180	>SRGAP3-L62TIPRVVIVV	39	141
>SRGAP3-L62TLPRVVIVVM	88	>SRGAP3-L62TIPRVVIVVM	166	78
>SRGAP3-L62VTLPRVVIV	602	>SRGAP3-L62VTIPRVVIV	70	532
>SRGAP3-L62VTLPRVVIV	75	>SRGAP3-L62VTIPRVVIV	59	16
>SRGAP3-L62VTLPRVVIVV	268	>SRGAP3-L62VTIPRVVIVV	345	77
>SRGAP3-L62VTLPRVVIV	48	>SRGAP3-L62VTIPRVVIV	219	171
>SRGAP3-L62VTLPRVVIVV	11	>SRGAP3-L62VTIPRVVIVV	39	28
>SRGAP3-L62VTLPRVVIV	330	>SRGAP3-L62VTIPRVVIV	804	474
>SRGAP3-L62VTLPRVVIVV	210	>SRGAP3-L62VTIPRVVIVV	523	313
>SRGAP3-L62VTLPRVVIV	63	>SRGAP3-L62VTIPRVVIV	618	555
>SRGAP3-L62VTLPRVVIVV	35	>SRGAP3-L62VTIPRVVIVV	256	221
>SRGAP3-L62VTLPRVVIVV	356	>SRGAP3-L62VTIPRVVIVV	6536	6180
>SRGAP3-L62VTLPRVVIV	39	>SRGAP3-L62VTIPRVVIV	70	31
>SRGAP3-L62VTLPRVVIVV	46	>SRGAP3-L62VTIPRVVIVV	81	35
>SRGAP3-L62VTLPRVVIVVI	947	>SRGAP3-L62VTIPRVVIVVI	43	904
>SRGAP3-L62VTLPRVVI	207	>SRGAP3-L62VTIPRVVI	355	148
>SRGAP3-L62VTLPRVVI	2641	>SRGAP3-L62VTIPRVVI	216	2425
>SRGAP3-L62VTLPRVVIV	1141	>SRGAP3-L62VTIPRVVIV	134	1007
>SRGAP3-L62VTLPRVVIVV	1646	>SRGAP3-L62VTIPRVVIVV	251	1395
>SRGAP3-L62VTLPRVVIVVI	1694	>SRGAP3-L62VTIPRVVIVVI	276	1418
>SRGAP3-L62VTLPRVVIVVI	494	>SRGAP3-L62VTIPRVVIVVI	561	67
>SRGAP3-L62VTLPRVVI	31	>SRGAP3-L62VTIPRVVI	28	3
>SRGAP3-L62VTLPRVVIV	113	>SRGAP3-L62VTIPRVVIV	105	8
>SRGAP3-L62VTLPRVVIVV	156	>SRGAP3-L62VTIPRVVIVV	143	13
>SRGAP3-L62VTLPRVVIVVI	10	>SRGAP3-L62VTIPRVVIVVI	9	1
>SRGAP3-L62VTLPRVVIVVI	287	>SRGAP3-L62VTIPRVVIVVI	133	154
>SRGAP3-L62VTLPRVVIVVI	741	>SRGAP3-L62VTIPRVVIVVI	287	454
>SRGAP3-L62VTLPRVVIVV	591	>SRGAP3-L62VTIPRVVIVV	310	281
>SRGAP3-L62VTLPRVVIVVI	29	>SRGAP3-L62VTIPRVVIVVI	62	33
>SRGAP3-L62VTLPRVVI	23	>SRGAP3-L62VTIPRVVI	29	6
>SRGAP3-L62LVTLPRVVIV	640	>SRGAP3-L62LVTIPRVVIVV	290	350
>SRGAP3-L62LVTLPRVV	249	>SRGAP3-L62LVTIPRVV	116	133

>SRGAP3-L62LVTLPRVVIV	39	>SRGAP3-L62LVTIPRVVIV	23	16
>SRGAP3-L62LVTLPRVVIV\	39	>SRGAP3-L62LVTIPRVVIVV	23	16
>SRGAP3-L62LVTLPRVV	566	>SRGAP3-L62LVTIPRVV	406	160
>SRGAP3-L62LVTLPRVVI	363	>SRGAP3-L62LVTIPRVVI	373	10
>SRGAP3-L62LVTLPRVVIV	111	>SRGAP3-L62LVTIPRVVIVV	112	1
>SRGAP3-L62LVTLPRVVI	486	>SRGAP3-L62LVTIPRVVI	260	226
>SRGAP3-L62ILVTLPRV	41	>SRGAP3-L62ILVTIPRV	33	8
>SRGAP3-L62ILVTLPRVVIV	160	>SRGAP3-L62ILVTIPRVVIV	127	33
>SRGAP3-L62ILVTLPRV	56	>SRGAP3-L62ILVTIPRV	32	24
>SRGAP3-L62ILVTLPRVV	762	>SRGAP3-L62ILVTIPRVV	286	476
>SRGAP3-L62ILVTLPRVVI	158	>SRGAP3-L62ILVTIPRVVI	163	5
>SRGAP3-L62ILVTLPRVVIV	114	>SRGAP3-L62ILVTIPRVVIV	58	56
>SRGAP3-L62ILVTLPRV	12	>SRGAP3-L62ILVTIPRV	9	3
>SRGAP3-L62ILVTLPRVV	34	>SRGAP3-L62ILVTIPRVV	19	15
>SRGAP3-L62ILVTLPRVVI	231	>SRGAP3-L62ILVTIPRVVI	256	25
>SRGAP3-L62ILVTLPRVVIV	16	>SRGAP3-L62ILVTIPRVVIV	11	5
>SRGAP3-L62ILVTLPRV	76	>SRGAP3-L62ILVTIPRV	74	2
>SRGAP3-L62ILVTLPRVVIV	244	>SRGAP3-L62ILVTIPRVVIV	208	36
>SRGAP3-L62ILVTLPRV	4	>SRGAP3-L62ILVTIPRV	3	1
>SRGAP3-L62ILVTLPRVV	9	>SRGAP3-L62ILVTIPRVV	7	2
>SRGAP3-L62ILVTLPRVVI	193	>SRGAP3-L62ILVTIPRVVI	126	67
>SRGAP3-L62ILVTLPRVVIV	10	>SRGAP3-L62ILVTIPRVVIV	9	1
>SRGAP3-L62ILVTLPRV	28	>SRGAP3-L62ILVTIPRV	26	2
>SRGAP3-L62ILVTLPRVV	104	>SRGAP3-L62ILVTIPRVV	81	23
>SRGAP3-L62ILVTLPRVVIV	25	>SRGAP3-L62ILVTIPRVVIV	22	3
>SRGAP3-L62ILVTLPRV	14	>SRGAP3-L62ILVTIPRV	14	0
>SRGAP3-L62ILVTLPRVV	157	>SRGAP3-L62ILVTIPRVV	161	4
>SRGAP3-L62ILVTLPRVVIV	33	>SRGAP3-L62ILVTIPRVVIV	34	1
>SRGAP3-L62ILVTLPRV	17	>SRGAP3-L62ILVTIPRV	7	10
>SRGAP3-L62ILVTLPRVV	436	>SRGAP3-L62ILVTIPRVV	65	371
>SRGAP3-L62ILVTLPRVVIV	78	>SRGAP3-L62ILVTIPRVVIV	27	51
>SRGAP3-L62ILVTLPRV	3	>SRGAP3-L62ILVTIPRV	3	0
>SRGAP3-L62ILVTLPRVV	19	>SRGAP3-L62ILVTIPRVV	15	4
>SRGAP3-L62ILVTLPRVVI	232	>SRGAP3-L62ILVTIPRVVI	151	81
>SRGAP3-L62ILVTLPRVVIV	6	>SRGAP3-L62ILVTIPRVVIV	6	0
>SRGAP3-L62ILVTLPRVVI	484	>SRGAP3-L62ILVTIPRVVI	531	47
>SRGAP3-L62QILVTLPRV	287	>SRGAP3-L62QILVTIPRV	284	3
>SRGAP3-L62QILVTLPRVV	228	>SRGAP3-L62QILVTIPRVV	214	14
>SRGAP3-L62QILVTLPRV	17	>SRGAP3-L62QILVTIPRV	25	8
>SRGAP3-L62QILVTLPRVV	248	>SRGAP3-L62QILVTIPRVV	434	186
>SRGAP3-L62QILVTLPRV	34	>SRGAP3-L62QILVTIPRV	15	19
>SRGAP3-L62QILVTLPRVV	169	>SRGAP3-L62QILVTIPRVV	94	75
>SRGAP3-L62QILVTLPRV	364	>SRGAP3-L62QILVTIPRV	377	13

>SRGAP3-L62 QILVTLPRV	42	>SRGAP3-L62 QILVTIPRV	27	15
>SRGAP3-L62 QILVTLPRV	24	>SRGAP3-L62 QILVTIPRV	15	9
>SRGAP3-L62 QILVTLPRVV	433	>SRGAP3-L62 QILVTIPRVV	259	174
>SRGAP3-L62 QILVTLPRV	17	>SRGAP3-L62 QILVTIPRV	12	5
>SRGAP3-L62 QILVTLPRVV	500	>SRGAP3-L62 QILVTIPRVV	328	172
>SRGAP3-L62 QILVTLPR	518	>SRGAP3-L62 QILVTIPR	491	27
>SRGAP3-L62 QILVTLPR	136	>SRGAP3-L62 QILVTIPR	80	56
>SRGAP3-L62 QILVTLPR	629	>SRGAP3-L62 QILVTIPR	331	298
>SRGAP3-L62 QILVTLPR	342	>SRGAP3-L62 QILVTIPR	185	157
>SRGAP3-L62 QILVTLPRV	12	>SRGAP3-L62 QILVTIPRV	14	2
>SRGAP3-L62 QILVTLPRVV	286	>SRGAP3-L62 QILVTIPRVV	280	6
>SRGAP3-L62 QILVTLPR	60	>SRGAP3-L62 QILVTIPR	50	10
>SRGAP3-L62 QQILVTLPRV	385	>SRGAP3-L62 QQILVTIPRV	484	99
>SRGAP3-L62 QQILVTLPRV	66	>SRGAP3-L62 QQILVTIPRV	80	14
>SRGAP3-L62 QQILVTLPRV'	171	>SRGAP3-L62 QQILVTIPRV\	153	18
>SRGAP3-L62 QQILVTLPR	245	>SRGAP3-L62 QQILVTIPR	342	97
>SRGAP3-L62 QQILVTLPR	187	>SRGAP3-L62 QQILVTIPR	81	106
>SRGAP3-L62 QQILVTLPR	496	>SRGAP3-L62 QQILVTIPR	297	199
>SRGAP3-L62 QQILVTLPRV'	380	>SRGAP3-L62 QQILVTIPRV\	425	45
>SRGAP3-L62 QQILVTLPR	51	>SRGAP3-L62 QQILVTIPR	67	16
>SRGAP3-L62 IQQILVTLPRV	301	>SRGAP3-L62 IQQILVTIPRV	384	83
>SRGAP3-L62 IQQILVTLPRV	378	>SRGAP3-L62 IQQILVTIPRV	450	72
>SRGAP3-L62 IQQILVTL	106	>SRGAP3-L62 IQQILVTI	119	13
>SRGAP3-L62 IQQILVTLPRV	26	>SRGAP3-L62 IQQILVTIPRV	38	12
>SRGAP3-L62 IQQILVTLPRV	194	>SRGAP3-L62 IQQILVTIPRV	155	39
>SRGAP3-L62 IQQILVTLPRV	634	>SRGAP3-L62 IQQILVTIPRV	476	158
>SRGAP3-L62 IQQILVTLPR	63	>SRGAP3-L62 IQQILVTIPR	51	12
>SRGAP3-L62 IQQILVTL	1167	>SRGAP3-L62 IQQILVTI	393	774
>SRGAP3-L62 IQQILVTLPR	137	>SRGAP3-L62 IQQILVTIPR	132	5
>SRGAP3-L62 IQQILVTLPR	754	>SRGAP3-L62 IQQILVTIPR	451	303
>SRGAP3-L62 IQQILVTL	447	>SRGAP3-L62 IQQILVTI	1227	780
>SRGAP3-L62 IQQILVTL	106	>SRGAP3-L62 IQQILVTI	160	54
>SRGAP3-L62 IQQILVTLPR	98	>SRGAP3-L62 IQQILVTIPR	119	21
>SRGAP3-L62 QIQQILVTL	488	>SRGAP3-L62 QIQQILVTI	520	32
>SRGAP3-L62 QIQQILVTL	343	>SRGAP3-L62 QIQQILVTI	1716	1373
>SRGAP3-L62 QIQQILVTLPF	255	>SRGAP3-L62 QIQQILVTIPR	143	112
>SRGAP3-L62 QIQQILVTL	26	>SRGAP3-L62 QIQQILVTI	12	14
>SRGAP3-L62 QIQQILVTLPF	442	>SRGAP3-L62 QIQQILVTIPR	267	175
>SRGAP3-L62 QIQQILVTLPF	172	>SRGAP3-L62 QIQQILVTIPR	115	57
>SRGAP3-L62 QIQQILVTLPF	34	>SRGAP3-L62 QIQQILVTIPR	39	5
>SRGAP3-L62 HQIQQILVTL	395	>SRGAP3-L62 HQIQQILVTI	692	297
>SRGAP3-L62 HQIQQILVTL	456	>SRGAP3-L62 HQIQQILVTI	296	160
>SRGAP3-L62 HQIQQILVTL	443	>SRGAP3-L62 HQIQQILVTI	379	64

>SRGAP3-L62 HQIQQILVTL	393	>SRGAP3-L62 HQIQQILVTI	148	245
>SRGAP3-L62 HQIQQILVTL	121	>SRGAP3-L62 HQIQQILVTI	278	157
>SRGAP3-L62 HQIQQILVTL	63	>SRGAP3-L62 HQIQQILVTI	113	50
>SRGAP3-L62 HQIQQILVTL	128	>SRGAP3-L62 HQIQQILVTI	429	301
>SRGAP3-L62 HQIQQILVTL	11	>SRGAP3-L62 HQIQQILVTI	72	61
>SRGAP3-L62 HQIQQILVTL	199	>SRGAP3-L62 HQIQQILVTI	1157	958
>SRGAP3-R4: RANQQETEM	100	>SRGAP3-R4: KANQQETEM	52	48
>SRGAP3-R4: RANQQETEM	47	>SRGAP3-R4: KANQQETEM	63	16
>SRGAP3-R4: RANQQETEM	306	>SRGAP3-R4: KANQQETEM	958	652
>SRGAP3-R4: RANQQETEM	497	>SRGAP3-R4: KANQQETEM	1586	1089
>SRGAP3-R4: RANQQETEM	70	>SRGAP3-R4: KANQQETEM	104	34
>SRGAP3-R4: RANQQETEM	247	>SRGAP3-R4: KANQQETEM	343	96
>SRGAP3-R4: RANQQETEM	30	>SRGAP3-R4: KANQQETEM	73	43
>SRGAP3-R4: RANQQETEM	16	>SRGAP3-R4: KANQQETEM	39	23
>SRGAP3-R4: RANQQETEM	15	>SRGAP3-R4: KANQQETEM	32	17
>SRGAP3-R4: RANQQETEM	131	>SRGAP3-R4: KANQQETEM	303	172
>SRGAP3-R4: RANQQETEM	444	>SRGAP3-R4: KANQQETEM	828	384
>SRGAP3-R4: RANQQETEM	197	>SRGAP3-R4: KANQQETEM	177	20
>SRGAP3-R4: RANQQETEM	142	>SRGAP3-R4: KANQQETEM	126	16
>SRGAP3-R4: RANQQETEM	169	>SRGAP3-R4: KANQQETEM	99	70
>SRGAP3-R4: RANQQETEM	29	>SRGAP3-R4: KANQQETEM	25	4
>SRGAP3-R4: RANQQETEM	33	>SRGAP3-R4: KANQQETEM	27	6
>SRGAP3-R4: RRANQQETE	67	>SRGAP3-R4: RKANQQETE	12	55
>SRGAP3-R4: RRANQQETE	12	>SRGAP3-R4: RKANQQETE	3	9
>SRGAP3-R4: RRANQQET	450	>SRGAP3-R4: RKANQQET	13151	12701
>SRGAP3-R4: RRANQQETE	30	>SRGAP3-R4: RKANQQETE	2317	2287
>SRGAP3-R4: RRANQQETE	57	>SRGAP3-R4: RKANQQETE	2992	2935
>SRGAP3-R4: RRANQQET	151	>SRGAP3-R4: RKANQQET	6099	5948
>SRGAP3-R4: RRANQQETE	103	>SRGAP3-R4: RKANQQETE	1962	1859
>SRGAP3-R4: RRANQQETE	135	>SRGAP3-R4: RKANQQETE	2727	2592
>SRGAP3-R4: RRANQQET	333	>SRGAP3-R4: RKANQQET	5550	5217
>SRGAP3-R4: RRANQQETE	91	>SRGAP3-R4: RKANQQETE	3086	2995
>SRGAP3-R4: RRANQQETE	168	>SRGAP3-R4: RKANQQETE	5522	5354
>SRGAP3-R4: RRANQQETE	119	>SRGAP3-R4: RKANQQETE	1267	1148
>SRGAP3-R4: YMSKINIAKRI	2761	>SRGAP3-R4: YMSKINIAKRI	130	2631
>SRGAP3-R4: YMSKINIAKRI	5546	>SRGAP3-R4: YMSKINIAKRI	292	5254
>SRGAP3-R4: YMSKINIAKRI	157	>SRGAP3-R4: YMSKINIAKRI	3281	3124
>SRGAP3-R4: YMSKINIAKRI	26	>SRGAP3-R4: YMSKINIAKRI	109	83
>SRGAP3-R4: YMSKINIAKRI	56	>SRGAP3-R4: YMSKINIAKRI	1318	1262
>SRGAP3-R4: KRRANQQET	34	>SRGAP3-R4: KRKANQQET	85	51
>SRGAP3-R4: KRRANQQET	338	>SRGAP3-R4: KRKANQQET	366	28
>SRGAP3-R4: KRRANQQE	317	>SRGAP3-R4: KRKANQQE	1797	1480
>SRGAP3-R4: KRRANQQET	373	>SRGAP3-R4: KRKANQQET	998	625

>SRGAP3-R4:KRRANQQET	365	>SRGAP3-R4:KRKANQQET	1276	911
>SRGAP3-R4:KRRANQQET	95	>SRGAP3-R4:KRKANQQET	242	147
>SRGAP3-R4:AKRRANQQE	478	>SRGAP3-R4:AKRKANQQE	487	9
>SRGAP3-R4:KINIAKRR	1964	>SRGAP3-R4:KINIAKRR	110	1854
>SRGAP3-R4:KINIAKRR	4707	>SRGAP3-R4:KINIAKRR	238	4469
>SRGAP3-R4:KINIAKRR	3661	>SRGAP3-R4:KINIAKRR	56	3605
>SRGAP3-R4:KINIAKRR	28	>SRGAP3-R4:KINIAKRR	461	433
>SRGAP3-R4:KINIAKRR	88	>SRGAP3-R4:KINIAKRR	1552	1464
>SRGAP3-R4:MSKINIAKRR	430	>SRGAP3-R4:MSKINIAKRR	8	422
>SRGAP3-R4:MSKINIAKRR	46	>SRGAP3-R4:MSKINIAKRR	46	0
>SRGAP3-R4:MSKINIAKRR	17	>SRGAP3-R4:MSKINIAKRR	282	265
>SRGAP3-R4:MSKINIAKRR	85	>SRGAP3-R4:MSKINIAKRR	278	193
>SRGAP3-S5:SFERGEDPLV	1722	>SRGAP3-S5:FFERGEDPLV	250	1472
>SRGAP3-S5:SFERGEDPLV	215	>SRGAP3-S5:FFERGEDPLV	900	685
>SRGAP3-S5:NSFERGEDPL	227	>SRGAP3-S5:NFFERGEDPL	7168	6941
>SRGAP3-S5:SQVEVNDIKN	1418	>SRGAP3-S5:SQVEVNDIKN	226	1192
>SRGAP3-S5:SQVEVNDIKN	14669	>SRGAP3-S5:SQVEVNDIKN	213	14456
>SRGAP3-S5:SQVEVNDIKN	7961	>SRGAP3-S5:SQVEVNDIKN	11	7950
>SRGAP3-S5:DIKNSFER	130	>SRGAP3-S5:DIKNFFER	41	89
>SRGAP3-S5:DIKNSFER	16	>SRGAP3-S5:DIKNFFER	9	7
>SRGAP3-S5:DIKNSFER	18	>SRGAP3-S5:DIKNFFER	14	4
>SRGAP3-S5:DIKNSFER	2059	>SRGAP3-S5:DIKNFFER	257	1802
>SRGAP3-S5:NDIKNSFER	163	>SRGAP3-S5:NDIKNFFER	83	80
>SRGAP3-S5:EVNDIKNSF	32	>SRGAP3-S5:EVNDIKNFF	695	663
>SRGAP3-S5:EVNDIKNS	15778	>SRGAP3-S5:EVNDIKNF	206	15572
>SRGAP3-S5:EVNDIKNSF	47	>SRGAP3-S5:EVNDIKNFF	50	3
>SRGAP3-S5:EVNDIKNS	13142	>SRGAP3-S5:EVNDIKNF	50	13092
>SRGAP3-S5:EVNDIKNSF	211	>SRGAP3-S5:EVNDIKNFF	36	175
>SRGAP3-S5:EVNDIKNSFE	113	>SRGAP3-S5:EVNDIKNFFE	41	72
>SRGAP3-S5:EVNDIKNSFE	37	>SRGAP3-S5:EVNDIKNFFE	19	18
>SRGAP3-S5:EVNDIKNSF	1090	>SRGAP3-S5:EVNDIKNFF	155	935
>SRGAP3-S5:EVNDIKNSFE	3	>SRGAP3-S5:EVNDIKNFFE	2	1
>SRGAP3-S5:EVNDIKNSF	706	>SRGAP3-S5:EVNDIKNFF	206	500
>SRGAP3-S5:EVNDIKNSFE	615	>SRGAP3-S5:EVNDIKNFFE	247	368
>SRGAP3-S5:VEVNDIKNSF	1745	>SRGAP3-S5:VEVNDIKNFF	274	1471
>SRGAP3-S5:VEVNDIKNS	17775	>SRGAP3-S5:VEVNDIKNF	99	17676
>SRGAP3-S5:VEVNDIKNSF	92	>SRGAP3-S5:VEVNDIKNFF	339	247
>SRGAP3-S5:VEVNDIKNS	14568	>SRGAP3-S5:VEVNDIKNF	374	14194
>SRGAP3-S5:VEVNDIKNS	5781	>SRGAP3-S5:VEVNDIKNF	231	5550
>SRGAP3-S5:VEVNDIKNS	3360	>SRGAP3-S5:VEVNDIKNF	88	3272
>SS18L1-G35 GAPSQYPGY	5007	>SS18L1-G35 EAPSQYPGY	21	4986
>SS18L1-G35 GAPSQYPGY	7829	>SS18L1-G35 EAPSQYPGY	41	7788
>SS18L1-G35 GAPSQYPGY	423	>SS18L1-G35 EAPSQYPGY	1468	1045

>SS18L1-G35 GAPSQYPGY	3228	>SS18L1-G35 EAPSQYPGY	311	2917
>SS18L1-G35 QGAPSQYPGY	2019	>SS18L1-G35 QEAPSQYPGY	418	1601
>SS18L1-G35 QGAPSQYPGY	227	>SS18L1-G35 QEAPSQYPGY	11456	11229
>SS18L1-G35 QGAPSQYPGY	27420	>SS18L1-G35 QEAPSQYPGY	304	27116
>SS18L1-G35 QGAPSQYPGY	38652	>SS18L1-G35 QEAPSQYPGY	294	38358
>SS18L1-G35 AQGAPSQYPC	285	>SS18L1-G35 AQEAPSQYPC	430	145
>SS18L1-G35 AQGAPSQY	55	>SS18L1-G35 AQEAPSQY	184	129
>SS18L1-G35 AQGAPSQYPC	415	>SS18L1-G35 AQEAPSQYPC	3000	2585
>SS18L1-G35 AQGAPSQYPC	50	>SS18L1-G35 AQEAPSQYPC	157	107
>SS18L1-G35 AQGAPSQY	140	>SS18L1-G35 AQEAPSQY	111	29
>SS18L1-G35 AQGAPSQYPC	248	>SS18L1-G35 AQEAPSQYPC	212	36
>SS18L1-G35 AQGAPSQY	26	>SS18L1-G35 AQEAPSQY	110	84
>SS18L1-G35 AQGAPSQYPC	35	>SS18L1-G35 AQEAPSQYPC	158	123
>SS18L1-G35 SAQGAPSQY	459	>SS18L1-G35 SAQEAPSQY	585	126
>SS18L1-G35 SAQGAPSQY	487	>SS18L1-G35 SAQEAPSQY	464	23
>SS18L1-G35 SAQGAPSQY	409	>SS18L1-G35 SAQEAPSQY	487	78
>SS18L1-G35 SAQGAPSQY	60	>SS18L1-G35 SAQEAPSQY	26	34
>SS18L1-G35 SAQGAPSQY	317	>SS18L1-G35 SAQEAPSQY	177	140
>SS18L1-G35 SAQGAPSQY	28	>SS18L1-G35 SAQEAPSQY	92	64
>SS18L1-G35 GSAQGAPSQY	250	>SS18L1-G35 GSAQEAPSQY	186	64
>SS18L1-G35 GSAQGAPSQY	573	>SS18L1-G35 GSAQEAPSQY	390	183
>SS18L1-G35 GSAQGAPSQY	106	>SS18L1-G35 GSAQEAPSQY	167	61
>SS18L1-G35 GSAQGAPSQY	215	>SS18L1-G35 GSAQEAPSQY	399	184
>SS18L1-G35 GSAQGAPSQY	8	>SS18L1-G35 GSAQEAPSQY	11	3
>SS18L1-G35 GSAQGAPSQY	385	>SS18L1-G35 GSAQEAPSQY	577	192
>SS18L1-G35 GSAQGAPSQY	43	>SS18L1-G35 GSAQEAPSQY	51	8
>SS18L1-G35 YGSAQGAPSC	170	>SS18L1-G35 YGSAQEAPSC	419	249
>SS18L1-G35 YGSAQGAPSC	200	>SS18L1-G35 YGSAQEAPSC	360	160
>SS18L1-G35 YGSAQGAPSC	108	>SS18L1-G35 YGSAQEAPSC	313	205
>SS18L1-G35 YGSAQGAPSC	64	>SS18L1-G35 YGSAQEAPSC	106	42
>SS18L1-G35 YGSAQGAPSC	52	>SS18L1-G35 YGSAQEAPSC	41	11
>SS18L1-G35 YGSAQGAPSC	77	>SS18L1-G35 YGSAQEAPSC	172	95
>SS18L1-G35 QQQGYGSAC	476	>SS18L1-G35 QQQGYGSAC	650	174
>SS18L1-G36 GQQYGSYR	25	>SS18L1-G36 DQQYGSYR	309	284
>SS18L1-G36 GQQYGSYR	7216	>SS18L1-G36 DQQYGSYR	137	7079
>SS18L1-G36 GQQYGSYRA	498	>SS18L1-G36 DQQYGSYRA	6706	6208
>SS18L1-G36 QGQQYGSY	185	>SS18L1-G36 QDQQYGSY	2217	2032
>SS18L1-G36 QGQQYGSY	482	>SS18L1-G36 QDQQYGSY	3991	3509
>SS18L1-G36 QGQQYGSYR	316	>SS18L1-G36 QDQQYGSYR	1648	1332
>SS18L1-G36 GQGQQYGSY	131	>SS18L1-G36 GQDQQYGSY	234	103
>SS18L1-G36 GQGQQYGSY	47	>SS18L1-G36 GQDQQYGSY	260	213
>SS18L1-G36 QGQGQQYGSY	85	>SS18L1-G36 QGQDQQYGSY	108	23
>SS18L1-G36 QGQGQQYGSY	547	>SS18L1-G36 QGQDQQYGSY	393	154

>SS18L1-G36 QGQGQQYG'	265	>SS18L1-G36 QGQDQQYG'	225	40
>SS18L1-G36 QGQGQQYG'	226	>SS18L1-G36 QGQDQQYG'	190	36
>SS18L1-G36 QGQGQQQY'	103	>SS18L1-G36 QGQDQQQY'	135	32
>SS18L1-G36 QGQGQQQY	70	>SS18L1-G36 QGQDQQQY	106	36
>SS18L1-G36 QGQGQQQY'	49	>SS18L1-G36 QGQDQQQY'	60	11
>SS18L1-G36 QGQGQQQY	105	>SS18L1-G36 QGQDQQQY	406	301
>SS18L1-G36 QGQGQQQY'	116	>SS18L1-G36 QGQDQQQY'	351	235
>SS18L1-G36 QGQGQQQY	198	>SS18L1-G36 QGQDQQQY	373	175
>SS18L1-G36 QGQGQQQY'	266	>SS18L1-G36 QGQDQQQY'	268	2
>SS18L1-G36 YQQGQDQQ'	185	>SS18L1-G36 YQQGQDQQ'	273	88
>SS18L1-G36 YQQGQDQQ'	42	>SS18L1-G36 YQQGQDQQ'	49	7
>SS18L1-G36 YQQGQDQQ'	13	>SS18L1-G36 YQQGQDQQ'	20	7
>SS18L1-G36 YQQGQDQQ'	31	>SS18L1-G36 YQQGQDQQ'	203	172
>SS18L1-G36 YQQGQDQQ'	1852	>SS18L1-G36 YQQGQDQQ'	411	1441
>SS18L1-G36 GYQQGQDQ'	252	>SS18L1-G36 GYQQGQDQ'	274	22
>SS18L1-G36 GYQQGQDQ'	194	>SS18L1-G36 GYQQGQDQ'	189	5
>SS18L1-G36 GYQQGQDQ'	250	>SS18L1-G36 GYQQGQDQ'	179	71
>SS18L1-R29 RSFEESTQHY	88	>SS18L1-R29 WSFEESTQH)	151	63
>SS18L1-R29 RSFEESTQHY	445	>SS18L1-R29 WSFEESTQH)	49	396
>SS18L1-R29 RSFEESTQHY	144	>SS18L1-R29 WSFEESTQH)	7094	6950
>SS18L1-R29 RSFEESTQHY	38	>SS18L1-R29 WSFEESTQH)	1838	1800
>SS18L1-R29 RSFEESTQHY	115	>SS18L1-R29 WSFEESTQH)	99	16
>SS18L1-R29 RSFEESTQHY	72	>SS18L1-R29 WSFEESTQH)	22	50
>SS18L1-R29 RSFEESTQHY	293	>SS18L1-R29 WSFEESTQH)	14351	14058
>SS18L1-R29 RSFEESTQHY	169	>SS18L1-R29 WSFEESTQH)	12710	12541
>SS18L1-R29 RSFEESTQHY	36	>SS18L1-R29 WSFEESTQH)	241	205
>SS18L1-R29 RSFEESTQHY	17	>SS18L1-R29 WSFEESTQH)	41	24
>SS18L1-R29 RSFEESTQHY	168	>SS18L1-R29 WSFEESTQH)	13951	13783
>SS18L1-R29 RSFEESTQHY	368	>SS18L1-R29 WSFEESTQH)	14708	14340
>SS18L1-R29 RSFEESTQHY	760	>SS18L1-R29 WSFEESTQH)	173	587
>SS18L1-R29 RSFEESTQHY	80	>SS18L1-R29 WSFEESTQH)	1809	1729
>SS18L1-R29 RSFEESTQHY	75	>SS18L1-R29 WSFEESTQH)	1479	1404
>SS18L1-R29 RSFEESTQHY	31	>SS18L1-R29 WSFEESTQH)	36	5
>SS18L1-R29 RSFEESTQHY	76	>SS18L1-R29 WSFEESTQH)	108	32
>SS18L1-R29 RSFEESTQHY	6	>SS18L1-R29 WSFEESTQH)	13	7
>SS18L1-R29 RSFEESTQHY	10	>SS18L1-R29 WSFEESTQH)	22	12
>SS18L1-R29 RSFEESTQ	134	>SS18L1-R29 WSFEESTQ	1501	1367
>SS18L1-R29 RSFEESTQH	21	>SS18L1-R29 WSFEESTQH	139	118
>SS18L1-R29 RSFEESTQHY	3	>SS18L1-R29 WSFEESTQH)	9	6
>SS18L1-R29 RSFEESTQHY	3	>SS18L1-R29 WSFEESTQH)	12	9
>SS18L1-R29 RSFEESTQHY	5992	>SS18L1-R29 WSFEESTQH)	343	5649
>SS18L1-R29 RSFEESTQHY	1518	>SS18L1-R29 WSFEESTQH)	61	1457
>SS18L1-R29 RSFEESTQHY	62	>SS18L1-R29 WSFEESTQH)	255	193



>SS18L1-R29 RSFEESTQHY	52	>SS18L1-R29 WSFEESTQH	149	97
>SS18L1-R29 RSFEESTQHY	16	>SS18L1-R29 WSFEESTQH	184	168
>SS18L1-R29 RSFEESTQHY	11	>SS18L1-R29 WSFEESTQH	45	34
>SS18L1-R29 RSFEESTQH	157	>SS18L1-R29 WSFEESTQH	105	52
>SS18L1-R29 RSFEESTQHY	103	>SS18L1-R29 WSFEESTQH	73	30
>SS18L1-R29 RSFEESTQHY	18	>SS18L1-R29 WSFEESTQH	17	1
>SS18L1-R29 RSFEESTQHY	251	>SS18L1-R29 WSFEESTQH	95	156
>SS18L1-R29 QSSYTEQSYD	15052	>SS18L1-R29 QSSYTEQSYD	494	14558
>SS18L1-R29 QSSYTEQSYD	56	>SS18L1-R29 QSSYTEQSYD	26013	25957
>SS18L1-R29 QSSYTEQSYD	20599	>SS18L1-R29 QSSYTEQSYD	25	20574
>SS18L1-R29 QSSYTEQSYD	24589	>SS18L1-R29 QSSYTEQSYD	92	24497
>SS18L1-R29 QSSYTEQSYD	21627	>SS18L1-R29 QSSYTEQSYD	35	21592
>SS18L1-R29 EQSYDRSF	108	>SS18L1-R29 EQSYDWSF	124	16
>SS18L1-R29 EQSYDRSF	15	>SS18L1-R29 EQSYDWSF	17	2
>SS18L1-R29 TEQSYDRSF	12048	>SS18L1-R29 TEQSYDWSF	470	11578
>SS18L1-R29 TEQSYDRSF	47	>SS18L1-R29 TEQSYDWSF	9	38
>SS18L1-R29 TEQSYDRSF	401	>SS18L1-R29 TEQSYDWSF	83	318
>SS18L1-R29 TEQSYDRSF	132	>SS18L1-R29 TEQSYDWSF	111	21
>SS18L1-R29 TEQSYDRSF	127	>SS18L1-R29 TEQSYDWSF	33	94
>SS18L1-R29 TEQSYDRS	1018	>SS18L1-R29 TEQSYDWS	260	758
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>SS18L1-R29 YTEQSYDRSF	323	>SS18L1-R29 YTEQSYDWSI	571	248
>SS18L1-R29 YTEQSYDRSF	1097	>SS18L1-R29 YTEQSYDWSI	245	852
>SS18L1-R29 YTEQSYDR	16	>SS18L1-R29 YTEQSYDW	18448	18432
>SS18L1-R29 YTEQSYDRSF	499	>SS18L1-R29 YTEQSYDWSI	533	34
>SS18L1-R29 YTEQSYDR	14825	>SS18L1-R29 YTEQSYDW	9	14816
>SS18L1-R29 YTEQSYDRSF	6	>SS18L1-R29 YTEQSYDWSI	5	1
>SS18L1-R29 YTEQSYDR	25647	>SS18L1-R29 YTEQSYDW	191	25456
>SS18L1-R29 YTEQSYDR	22442	>SS18L1-R29 YTEQSYDW	463	21979
>SS18L1-R29 YTEQSYDRSF	228	>SS18L1-R29 YTEQSYDWSI	62	166
>SS18L1-R29 YTEQSYDRSF	127	>SS18L1-R29 YTEQSYDWSI	73	54
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>SS18L1-R29 SYTEQSYDRS	1272	>SS18L1-R29 SYTEQSYDW	201	1071
>SS18L1-R29 SYTEQSYDRS	772	>SS18L1-R29 SYTEQSYDW	181	591
>SS18L1-R29 SYTEQSYDR	2742	>SS18L1-R29 SYTEQSYDW	22	2720
>SS18L1-R29 SYTEQSYDRS	10	>SS18L1-R29 SYTEQSYDW	5	5
>SS18L1-R29 SYTEQSYDR	250	>SS18L1-R29 SYTEQSYDW	23287	23037
>SS18L1-R29 SYTEQSYDR	264	>SS18L1-R29 SYTEQSYDW	34108	33844
>SS18L1-R29 SYTEQSYDR	23	>SS18L1-R29 SYTEQSYDW	20864	20841
>SS18L1-R29 SYTEQSYDRS	1479	>SS18L1-R29 SYTEQSYDW	393	1086
>SS18L1-R29 SSYTEQSYDR	62	>SS18L1-R29 SSYTEQSYDW	30144	30082
>SS18L1-R29 SSYTEQSYDR	155	>SS18L1-R29 SSYTEQSYDW	26395	26240
>SS18L1-R29 SSYTEQSYDR	11586	>SS18L1-R29 SSYTEQSYDW	495	11091

>SS18L1-R29 SSYTEQSYDR	24	>SS18L1-R29 SSYTEQSYDM	27889	27865
>SS18L1-R29 SSYTEQSYDR	11530	>SS18L1-R29 SSYTEQSYDM	8	11522
>SS18L1-R29 SSYTEQSYDR	21963	>SS18L1-R29 SSYTEQSYDM	54	21909
>SS18L1-R29 SSYTEQSYDR	21336	>SS18L1-R29 SSYTEQSYDM	22	21314
>SS18L1-R29 SSYTEQSYDR	169	>SS18L1-R29 SSYTEQSYDM	4412	4243
>SS18L1-R29 SSYTEQSYDR	241	>SS18L1-R29 SSYTEQSYDM	33073	32832
>SSX1-N82H- NDFDNDHNF	124	>SSX1-N82H- HDFDNDHNF	123	1
>SSX1-N82H- NDFDNDHNF	2019	>SSX1-N82H- HDFDNDHNF	432	1587
>SSX1-N82H- NDFDNDHNF	138	>SSX1-N82H- HDFDNDHNF	43	95
>SSX1-N82H- NDFDNDHNF	771	>SSX1-N82H- HDFDNDHNF	148	623
>SSX1-N82H- NDFDNDHNF	513	>SSX1-N82H- HDFDNDHNF	199	314
>SSX1-N82H- QGNDFDNDf	111	>SSX1-N82H- QGHDFDNDf	59	52
>SSX1-N82H- ATDFQGNDf	445	>SSX1-N82H- ATDFQGHDF	177	268
>SSX1-N82H- ATDFQGNDf	98	>SSX1-N82H- ATDFQGHDF	21	77
>SSX1-N82H- QATDFQGND	1350	>SSX1-N82H- QATDFQGHDF	366	984
>SSX1-N82H- KQATDFQGN	108	>SSX1-N82H- KQATDFQGH	106	2
>SSX1-N82H- KQATDFQGN	2736	>SSX1-N82H- KQATDFQGH	201	2535
>SSX1-N82H- KQATDFQGN	3	>SSX1-N82H- KQATDFQGH	3	0
>SSX1-T77A- TDFQGNDf	1099	>SSX1-T77A- ADFQGNDf	296	803
>SSX1-T77A- TDFQGNDf	979	>SSX1-T77A- ADFQGNDf	401	578
>SSX1-T77A- ATDFQGNDf	445	>SSX1-T77A- AADFQGNDf	11503	11058
>SSX1-T77A- ATDFQGNDf	98	>SSX1-T77A- AADFQGNDf	1263	1165
>SSX1-T77A- LPPFMCNKQ	172	>SSX1-T77A- LPPFMCNKQ	13	159
>SSX1-T77A- QATDFQGND	697	>SSX1-T77A- QAADFQGNf	342	355
>SSX1-T77A- KQATDFQGN	792	>SSX1-T77A- KQAADFQGN	395	397
>SSX1-T77A- KQATDFQGN	108	>SSX1-T77A- KQAADFQGN	65	43
>SSX1-T77A- KQATDFQGN	3	>SSX1-T77A- KQAADFQGN	3	0
>SSX1-T77A- MCNKQATDF	156	>SSX1-T77A- MCNKQAADF	361	205
>SSX1-T77A- FMCNKQAT	1861	>SSX1-T77A- FMCNKQAA	219	1642
>SSX1-T77A- FMCNKQAT	713	>SSX1-T77A- FMCNKQAA	72	641
>SSX1-T77A- FMCNKQATD	138	>SSX1-T77A- FMCNKQAAf	248	110
>SSX1-T77A- FMCNKQAT	206	>SSX1-T77A- FMCNKQAA	18	188
>SSX1-T77A- FMCNKQAT	1421	>SSX1-T77A- FMCNKQAA	158	1263
>SSX1-T77A- FMCNKQAT	31	>SSX1-T77A- FMCNKQAA	7	24
>SSX1-T77A- FMCNKQATD	257	>SSX1-T77A- FMCNKQAAf	362	105
>SSX1-T77A- FMCNKQAT	1354	>SSX1-T77A- FMCNKQAA	122	1232
>SSX1-T77A- FMCNKQAT	2880	>SSX1-T77A- FMCNKQAA	267	2613
>SSX1-T77A- FMCNKQAT	37	>SSX1-T77A- FMCNKQAA	7	30
>SSX1-T77A- FMCNKQATD	109	>SSX1-T77A- FMCNKQAAf	191	82
>SSX1-T77A- FMCNKQATD	81	>SSX1-T77A- FMCNKQAAf	69	12
>SSX1-T77A- FMCNKQATD	204	>SSX1-T77A- FMCNKQAAf	166	38
>SSX1-T77A- FMCNKQATD	12	>SSX1-T77A- FMCNKQAAf	16	4
>SSX1-T77A- PFMCNKQAT	242	>SSX1-T77A- PFMCNKQAA	170	72

>SSX1-T77A- PFMCKNKQAT	213	>SSX1-T77A- PFMCKNKQAA	156	57
>STIL-D533N DIFEKLQTV	3929	>STIL-D533N NIFEKLQTV	32	3897
>STIL-D533N DIFEKLQTV	1513	>STIL-D533N NIFEKLQTV	39	1474
>STIL-D533N DIFEKLQTVS/	5026	>STIL-D533N NIFEKLQTVS/	189	4837
>STIL-D533N DIFEKLQTV	289	>STIL-D533N NIFEKLQTV	7	282
>STIL-D533N DIFEKLQTVS/	2351	>STIL-D533N NIFEKLQTVS/	46	2305
>STIL-D533N DIFEKLQTV	285	>STIL-D533N NIFEKLQTV	9	276
>STIL-D533N DIFEKLQTVS/	2693	>STIL-D533N NIFEKLQTVS/	65	2628
>STIL-D533N DIFEKLQTV	11	>STIL-D533N NIFEKLQTV	4	7
>STIL-D533N DIFEKLQTVS/	1657	>STIL-D533N NIFEKLQTVS/	268	1389
>STIL-D533N DIFEKLQTV	116	>STIL-D533N NIFEKLQTV	8	108
>STIL-D533N DIFEKLQTV	50	>STIL-D533N NIFEKLQTV	22	28
>STIL-D533N DIFEKLQTV	145	>STIL-D533N NIFEKLQTV	32	113
>STIL-D533N DIFEKLQTV	14	>STIL-D533N NIFEKLQTV	5	9
>STIL-D533N DIFEKLQTV	112	>STIL-D533N NIFEKLQTV	52	60
>STIL-D533N DIFEKLQTVS/	231	>STIL-D533N NIFEKLQTVS/	111	120
>STIL-D533N DIFEKLQTV	22	>STIL-D533N NIFEKLQTV	19	3
>STIL-D533N DIFEKLQTVS/	514	>STIL-D533N NIFEKLQTVS/	466	48
>STIL-D533N HDIFEKLQTV	283	>STIL-D533N HNIFEKLQTV	11295	11012
>STIL-D533N PSHDIFEK	312	>STIL-D533N PSHNIFEK	265	47
>STIL-D533N PSHDIFEK	384	>STIL-D533N PSHNIFEK	191	193
>STIL-D533N GPSHDIFEKL	387	>STIL-D533N GPSHNIFEKL	476	89
>STIL-D533N GPSHDIFEK	303	>STIL-D533N GPSHNIFEK	237	66
>STIL-D533N NGPSHDIF	80	>STIL-D533N NGPSHNIF	74	6
>STIL-D533N NGPSHDIFE	270	>STIL-D533N NGPSHNIFE	322	52
>STIL-D533N NGPSHDIFEK	237	>STIL-D533N NGPSHNIFEK	267	30
>STIL-D533N NGPSHDIFEK	625	>STIL-D533N NGPSHNIFEK	322	303
>STIL-D533N HNGPSHDIF	1131	>STIL-D533N HNGPSHNIF	169	962
>STIL-D533N SHNGPSHDIF	265	>STIL-D533N SHNGPSHNIF	76	189
>STIL-D533N SSHNGPSHDI	399	>STIL-D533N SSHNGPSHNI	79	320
>STIL-D533N SSHNGPSHDI	380	>STIL-D533N SSHNGPSHNI	228	152
>STIL-D533N SSHNGPSHDI	31	>STIL-D533N SSHNGPSHNI	13	18
>STIL-D533N SSHNGPSHDI	571	>STIL-D533N SSHNGPSHNI	131	440
>STIL-D533N SSHNGPSHDI	19	>STIL-D533N SSHNGPSHNI	16	3
>STIL-D533N SSHNGPSHDI	17	>STIL-D533N SSHNGPSHNI	10	7
>STIL-H978Y- HTKKKTHHSF	4295	>STIL-H978Y- YTKKKTHHSR	452	3843
>STIL-H978Y- HTKKKTHHS	32	>STIL-H978Y- YTKKKTHHS	935	903
>STIL-H978Y- HTKKKTHHSF	10	>STIL-H978Y- YTKKKTHHSR	135	125
>STIL-H978Y- HTKKKTHHSF	16	>STIL-H978Y- YTKKKTHHSR	398	382
>STIL-H978Y- HTKKKTHH	273	>STIL-H978Y- YTKKKTHH	1531	1258
>STIL-H978Y- HTKKKTHHSF	25	>STIL-H978Y- YTKKKTHHSR	32	7
>STIL-H978Y- HTKKKTHHSF	102	>STIL-H978Y- YTKKKTHHSR	37	65
>STIL-H978Y- HTKKKTHHSF	15	>STIL-H978Y- YTKKKTHHSR	9	6

>STIL-H978Y- HTKKKTHHSF	4309	>STIL-H978Y- YTKKKTHHSR	309	4000
>STIL-H978Y- HTKKKTHHSF	145	>STIL-H978Y- YTKKKTHHSR	26	119
>STIL-H978Y- HTKKKTHHSF	57	>STIL-H978Y- YTKKKTHHSR	187	130
>STIL-H978Y- YHTKKKTHHS	3739	>STIL-H978Y- YYTKKKTHHS	39	3700
>STIL-H978Y- YHTKKKTHHS	4734	>STIL-H978Y- YYTKKKTHHS	33	4701
>STIL-H978Y- YHTKKKTHHS	844	>STIL-H978Y- YYTKKKTHHS	128	716
>STIL-H978Y- YHTKKKTHHS	506	>STIL-H978Y- YYTKKKTHHS	21	485
>STIL-H978Y- HECTRQNV`	4643	>STIL-H978Y- HECTRQNV`	133	4510
>STIL-H978Y- HECTRQNV`	3905	>STIL-H978Y- HECTRQNV`	186	3719
>STIL-H978Y- NVYHTKKK	174	>STIL-H978Y- NVYYTKKK	325	151
>STIL-H978Y- NVYHTKKK	344	>STIL-H978Y- NVYYTKKK	271	73
>STIL-H978Y- NVYHTKKK	73	>STIL-H978Y- NVYYTKKK	28	45
>STIL-H978Y- TQNVYHTKK	575	>STIL-H978Y- TQNVYYTKK	425	150
>STIL-H978Y- TQNVYHTK	31	>STIL-H978Y- TQNVYYTK	20	11
>STIL-H978Y- TQNVYHTKK	43	>STIL-H978Y- TQNVYYTKK	27	16
>STIL-H978Y- TQNVYHTKKI	939	>STIL-H978Y- TQNVYYTKKK	369	570
>STIL-H978Y- TQNVYHTK	62	>STIL-H978Y- TQNVYYTK	38	24
>STIL-H978Y- TQNVYHTKK	55	>STIL-H978Y- TQNVYYTKK	60	5
>STIL-H978Y- RTQNVYHTK	138	>STIL-H978Y- RTQNVYYTK	145	7
>STIL-H978Y- RTQNVYHTKI	38	>STIL-H978Y- RTQNVYYTKk	30	8
>STIL-H978Y- RTQNVYHTKI	154	>STIL-H978Y- RTQNVYYTKk	196	42
>STIL-H978Y- RTQNVYHTK	8	>STIL-H978Y- RTQNVYYTK	7	1
>STIL-H978Y- RTQNVYHTKI	24	>STIL-H978Y- RTQNVYYTKk	16	8
>STIL-H978Y- RTQNVYHTKI	18	>STIL-H978Y- RTQNVYYTKk	14	4
>STIL-H978Y- RTQNVYHTK	6	>STIL-H978Y- RTQNVYYTK	7	1
>STIL-H978Y- RTQNVYHTKI	12	>STIL-H978Y- RTQNVYYTKk	15	3
>STIL-H978Y- RTQNVYHTKI	13	>STIL-H978Y- RTQNVYYTKk	13	0
>STIL-H978Y- RTQNVYHTK	9	>STIL-H978Y- RTQNVYYTK	7	2
>STIL-H978Y- RTQNVYHTKI	177	>STIL-H978Y- RTQNVYYTKk	187	10
>STIL-H978Y- RTQNVYHTKI	39	>STIL-H978Y- RTQNVYYTKk	32	7
>STIL-H978Y- RTQNVYHTK	368	>STIL-H978Y- RTQNVYYTK	94	274
>STIL-H978Y- RTQNVYHTK	127	>STIL-H978Y- RTQNVYYTK	135	8
>STIL-H978Y- RTQNVYHTKI	542	>STIL-H978Y- RTQNVYYTKk	348	194
>STIL-H978Y- RTQNVYHTK	204	>STIL-H978Y- RTQNVYYTK	260	56
>STIL-H978Y- RTQNVYHTKI	487	>STIL-H978Y- RTQNVYYTKk	471	16
>STIL-H978Y- RTQNVYHTKI	364	>STIL-H978Y- RTQNVYYTKk	466	102
>STIL-H978Y- TRTQNVYHTI	1612	>STIL-H978Y- TRTQNVYYTK	322	1290
>STIL-H978Y- TRTQNVYHTI	446	>STIL-H978Y- TRTQNVYYTK	402	44
>STIL-H978Y- TRTQNVYHTI	171	>STIL-H978Y- TRTQNVYYTK	124	47
>STIL-H978Y- CTRTQNVYH	18098	>STIL-H978Y- CTRTQNVYY	219	17879
>STIL-H978Y- CTRTQNVYH`	357	>STIL-H978Y- CTRTQNVYYT	398	41
>STIL-H978Y- CTRTQNVYH`	259	>STIL-H978Y- CTRTQNVYYT	174	85
>STIL-H978Y- CTRTQNVYH	10436	>STIL-H978Y- CTRTQNVYY	120	10316

>STIL-H978Y-CTRTRQNVYH	8221	>STIL-H978Y-CTRTRQNVYY	219	8002
>STIL-H978Y-CTRTRQNVYH	13376	>STIL-H978Y-CTRTRQNVYY	137	13239
>STIL-H978Y-CTRTRQNVYH	131	>STIL-H978Y-CTRTRQNVYY	16	115
>STIL-H978Y-CTRTRQNVYH	340	>STIL-H978Y-CTRTRQNVYYT	164	176
>STIL-H978Y-CTRTRQNVYH	4	>STIL-H978Y-CTRTRQNVYYT	4	0
>STIL-H978Y-CTRTRQNVYH	10448	>STIL-H978Y-CTRTRQNVYY	112	10336
>STIL-H978Y-CTRTRQNVYH	169	>STIL-H978Y-CTRTRQNVYYT	107	62
>STIL-H978Y-CTRTRQNVYH	176	>STIL-H978Y-CTRTRQNVYYT	163	13
>STIL-H978Y-CTRTRQNVYH	8434	>STIL-H978Y-CTRTRQNVYY	353	8081
>STIL-H978Y-CTRTRQNVYH	5512	>STIL-H978Y-CTRTRQNVYY	14	5498
>STIL-H978Y-CTRTRQNVYH	3687	>STIL-H978Y-CTRTRQNVYY	187	3500
>STIL-H978Y-ECTRTRQNVYH	7667	>STIL-H978Y-ECTRTRQNVYY	102	7565
>STIL-H978Y-ECTRTRQNVYH	23036	>STIL-H978Y-ECTRTRQNVYY	478	22558
>STIL-T836I-l TSLPGSASSLK	91	>STIL-T836I-r ISLPGSASSLK	58	33
>STIL-T836I-l TSLPGSASSLK	14	>STIL-T836I-r ISLPGSASSLK	20	6
>STIL-T836I-l TSLPGSASSLK	30	>STIL-T836I-r ISLPGSASSLK	19	11
>STIL-T836I-l TSLPGSASSLK	114	>STIL-T836I-r ISLPGSASSLK	288	174
>STIL-T836I-l TSLPGSASSL	482	>STIL-T836I-r ISLPGSASSL	3609	3127
>STIL-T836I-l TSLPGSASSL	520	>STIL-T836I-r ISLPGSASSL	69	451
>STIL-T836I-l TSLPGSAS	3136	>STIL-T836I-r ISLPGSAS	389	2747
>STIL-T836I-l TSLPGSASS	740	>STIL-T836I-r ISLPGSASS	57	683
>STIL-T836I-l TSLPGSASSL	4	>STIL-T836I-r ISLPGSASSL	3	1
>STIL-T836I-l TSLPGSASSL	143	>STIL-T836I-r ISLPGSASSL	2092	1949
>STIL-T836I-l TSLPGSASSL	2003	>STIL-T836I-r ISLPGSASSL	157	1846
>STIL-T836I-l TSLPGSASSLK	800	>STIL-T836I-r ISLPGSASSLK	233	567
>STIL-T836I-l TSLPGSASSL	246	>STIL-T836I-r ISLPGSASSL	125	121
>STIL-T836I-l VTSLPGSASSI	6834	>STIL-T836I-r VISLPGSASSL	361	6473
>STIL-T836I-l VTSLPGSASSI	5	>STIL-T836I-r VISLPGSASSL	848	843
>STIL-T836I-l VTSLPGSASSI	60	>STIL-T836I-r VISLPGSASSL	9691	9631
>STIL-T836I-l VTSLPGSAS	242	>STIL-T836I-r VISLPGSAS	7639	7397
>STIL-T836I-l VTSLPGSASSI	7	>STIL-T836I-r VISLPGSASSL	189	182
>STIL-T836I-l VTSLPGSASSI	225	>STIL-T836I-r VISLPGSASSL	14388	14163
>STIL-T836I-l EVTSLPGS	2075	>STIL-T836I-r EVISLPGS	116	1959
>STIL-T836I-l EVTSLPGSA	5320	>STIL-T836I-r EVISLPGSA	300	5020
>STIL-T836I-l EVTSLPGSAS	2656	>STIL-T836I-r EVISLPGSAS	183	2473
>STIL-T836I-l EVTSLPGSAS	5753	>STIL-T836I-r EVISLPGSASS	373	5380
>STIL-T836I-l EVTSLPGSA	45	>STIL-T836I-r EVISLPGSA	21	24
>STIL-T836I-l EVTSLPGSAS	354	>STIL-T836I-r EVISLPGSASS	115	239
>STIL-T836I-l EVTSLPGSA	794	>STIL-T836I-r EVISLPGSA	170	624
>STIL-T836I-l NEVTSLPGSA	354	>STIL-T836I-r NEVISLPGSA	289	65
>STIL-T836I-l VDINNEVT	28367	>STIL-T836I-r VDINNEVI	233	28134
>STIL-T836I-l VDINNEVT	4693	>STIL-T836I-r VDINNEVI	64	4629
>STIL-T836I-l SVDINNEVTS	624	>STIL-T836I-r SVDINNEVISL	330	294

>STIL-T836I-\ FSVDINNEVT	1545	>STIL-T836I-r FSVDINNEVI	204	1341
>STIL-T836I-\ FSVDINNEVT	31288	>STIL-T836I-r FSVDINNEVI	299	30989
>STIL-V626F- TVGSIQDV	89	>STIL-V626F- TFGSIQDV	4076	3987
>STIL-V626F- TVGSIQDV	166	>STIL-V626F- TFGSIQDV	12661	12495
>STIL-V626F- PLNSWQGAM	99	>STIL-V626F- PLNSWQGAM	15569	15470
>STIL-V626F- PLNSWQGAM	11	>STIL-V626F- PLNSWQGAM	8020	8009
>STIL-V626F- PLNSWQGAM	173	>STIL-V626F- PLNSWQGAM	17984	17811
>STIL-V626F- PLNSWQGAM	32	>STIL-V626F- PLNSWQGAM	18753	18721
>STIL-V626F- PLNSWQGAM	17	>STIL-V626F- PLNSWQGAM	16380	16363
>STIL-V626F- PLNSWQGAM	4	>STIL-V626F- PLNSWQGAM	11937	11933
>STIL-V626F- PLNSWQGAM	10474	>STIL-V626F- PLNSWQGAM	493	9981
>STIL-V626F- NTVGSIQDV	538	>STIL-V626F- NTFGSIQDV	258	280
>STIL-V626F- NTVGSIQDV	1364	>STIL-V626F- NTFGSIQDV	112	1252
>STIL-V626F- NTVGSIQDV	4008	>STIL-V626F- NTFGSIQDV	403	3605
>STIL-V626F- NTVGSIQDV	323	>STIL-V626F- NTFGSIQDV	58	265
>STIL-V626F- NTVGSIQDV	36	>STIL-V626F- NTFGSIQDV	12	24
>STIL-V626F- NTVGSIQDVC	1328	>STIL-V626F- NTFGSIQDVC	330	998
>STIL-V626F- NTVGSIQDV	207	>STIL-V626F- NTFGSIQDV	87	120
>STIL-V626F- GANTVGSIQ	526	>STIL-V626F- GANTFGSIQ	494	32
>STIL-V626F- GANTVGSIQ	292	>STIL-V626F- GANTFGSIQ	163	129
>STIL-V626F- QGANTVGSIQ	296	>STIL-V626F- QGANTFGSIQ	161	135
>STIL-V626F- WQGANTVGSIQ	522	>STIL-V626F- WQGANTFGSIQ	407	115
>STIL-V626F- WQGANTVGSIQ	254	>STIL-V626F- WQGANTFGSIQ	159	95
>STIL-V626F- WQGANTVGSIQ	481	>STIL-V626F- WQGANTFGSIQ	2428	1947
>STIL-V626F- WQGANTVGSIQ	240	>STIL-V626F- WQGANTFGSIQ	267	27
>STIL-V626F- WQGANTVGSIQ	370	>STIL-V626F- WQGANTFGSIQ	493	123
>STIL-V626F- SWQGANTVGSIQ	251	>STIL-V626F- SWQGANTFGSIQ	4309	4058
>STIL-V626F- SWQGANTVGSIQ	18	>STIL-V626F- SWQGANTFGSIQ	15	3
>STIL-V626F- SWQGANTVGSIQ	9062	>STIL-V626F- SWQGANTFGSIQ	111	8951
>STIL-V626F- SWQGANTVGSIQ	4219	>STIL-V626F- SWQGANTFGSIQ	130	4089
>STIL-V626F- SWQGANTVGSIQ	1607	>STIL-V626F- SWQGANTFGSIQ	8	1599
>STIL-V626F- SWQGANTVGSIQ	85	>STIL-V626F- SWQGANTFGSIQ	47	38
>STIL-V626F- SWQGANTVGSIQ	112	>STIL-V626F- SWQGANTFGSIQ	119	7
>STIL-V626F- SWQGANTVGSIQ	458	>STIL-V626F- SWQGANTFGSIQ	60	398
>STIL-V626F- SWQGANTVGSIQ	83	>STIL-V626F- SWQGANTFGSIQ	61	22
>STIL-V626F- NSWQGANTVGSIQ	2376	>STIL-V626F- NSWQGANTFGSIQ	160	2216
>STIL-V626F- NSWQGANTVGSIQ	41	>STIL-V626F- NSWQGANTFGSIQ	8280	8239
>STIL-V626F- NSWQGANTVGSIQ	3924	>STIL-V626F- NSWQGANTFGSIQ	54	3870
>STIL-V626F- NSWQGANTVGSIQ	2268	>STIL-V626F- NSWQGANTFGSIQ	12	2256
>STIL-V626F- NSWQGANTVGSIQ	3877	>STIL-V626F- NSWQGANTFGSIQ	45	3832
>STIL-V626F- NSWQGANTVGSIQ	1207	>STIL-V626F- NSWQGANTFGSIQ	41	1166
>STIL-V626F- LNSWQGANTVGSIQ	10613	>STIL-V626F- LNSWQGANTFGSIQ	498	10115
>STIL-V626F- LNSWQGANTVGSIQ	4728	>STIL-V626F- LNSWQGANTFGSIQ	211	4517

>STIL-V685L- VARPPSHM	362	>STIL-V685L- LARPPSHM	121	241
>STIL-V685L- VARPPSHMD	209	>STIL-V685L- LARPPSHMD	78	131
>STIL-V685L- VARPPSHM	411	>STIL-V685L- LARPPSHM	375	36
>STIL-V685L- VARPPSHM	593	>STIL-V685L- LARPPSHM	181	412
>STIL-V685L- VARPPSHM	180	>STIL-V685L- LARPPSHM	106	74
>STIL-V685L- VARPPSHMD	281	>STIL-V685L- LARPPSHMD	165	116
>STIL-V685L- VARPPSHM	7	>STIL-V685L- LARPPSHM	7	0
>STIL-V685L- VARPPSHMD	11	>STIL-V685L- LARPPSHMD	12	1
>STIL-V685L- PVARPPSHM	6758	>STIL-V685L- PLARPPSHM	74	6684
>STIL-V685L- PVARPPSHM	38	>STIL-V685L- PLARPPSHM	1347	1309
>STIL-V685L- SPHSNIEPSP	288	>STIL-V685L- SPHSNIEPSP	77	211
>STIL-V685L- SPHSNIEPSP	52	>STIL-V685L- SPHSNIEPSP	20	32
>STIL-V685L- SPHSNIEPSP	1808	>STIL-V685L- SPHSNIEPSP	103	1705
>STIL-V685L- SPVARPPSHM	24	>STIL-V685L- SPLARPPSHM	15	9
>STIL-V685L- SPVARPPSHM	69	>STIL-V685L- SPLARPPSHM	91	22
>STIL-V685L- PSPVARPPSH	140	>STIL-V685L- PSPLARPPSH	116	24
>STIL-V685L- EPSPVARPPS	162	>STIL-V685L- EPSPLARPPS	146	16
>STIL-V685L- NIEPSPVAR	180	>STIL-V685L- NIEPSPLAR	431	251
>STIL-V685L- NIEPSPVAR	334	>STIL-V685L- NIEPSPLAR	315	19
>STIL-V685L- SNIESPVP	2008	>STIL-V685L- SNIEPSPL	384	1624
>STIL-V685L- SNIESPVP	240	>STIL-V685L- SNIEPSPL	1860	1620
>STIL-V685L- SNIESPVP	352	>STIL-V685L- SNIEPSPL	2896	2544
>STIL-V685L- HSNIEPSPVA	485	>STIL-V685L- HSNIEPSPVA	269	216
>STIL-V685L- HSNIEPSPVA	41	>STIL-V685L- HSNIEPSPVA	91	50
>STIL-V685L- HSNIEPSPVA	102	>STIL-V685L- HSNIEPSPVA	195	93
>STIL-V685L- HSNIEPSPV	248	>STIL-V685L- HSNIEPSPV	3166	2918
>STIL-V685L- HSNIEPSPV	317	>STIL-V685L- HSNIEPSPV	10	307
>STK11-A205 FAADDTCRT	980	>STK11-A205 FTADDTCRT	302	678
>STK11-A205 FAADDTCRT	402	>STK11-A205 FTADDTCRT	250	152
>STK11-A205 FAADDTCRT	194	>STK11-A205 FTADDTCRT	136	58
>STK11-A205 FAADDTCR	8	>STK11-A205 FTADDTCR	3	5
>STK11-A205 FAADDTCRTS	1022	>STK11-A205 FTADDTCRTS	188	834
>STK11-A205 FAADDTCRT	1389	>STK11-A205 FTADDTCRT	167	1222
>STK11-A205 HPFAADDT	127	>STK11-A205 HPFTADDT	402	275
>STK11-A205 HPFAADDTC	406	>STK11-A205 HPFTADDTC	657	251
>STK11-A205 HPFAADDTCF	322	>STK11-A205 HPFTADDTCF	525	203
>STK11-A205 HPFAADDT	133	>STK11-A205 HPFTADDT	212	79
>STK11-A205 HPFAADDTC	31	>STK11-A205 HPFTADDTC	43	12
>STK11-A205 HPFAADDTCF	102	>STK11-A205 HPFTADDTCF	139	37
>STK11-A205 HPFAADDTCF	181	>STK11-A205 HPFTADDTCF	178	3
>STK11-A205 ALHPFAADD	194	>STK11-A205 ALHPFTADD	183	11
>STK11-A205 ALHPFAADD	278	>STK11-A205 ALHPFTADD	195	83
>STK11-A205 ALHPFAADD	45	>STK11-A205 ALHPFTADD	42	3

>STK11-A205 EALHPFAA	133	>STK11-A205 EALHPFTA	238	105
>STK11-A205 EALHPFAA	27	>STK11-A205 EALHPFTA	34	7
>STK11-A205 AEALHPFA	216	>STK11-A205 AEALHPFT	259	43
>STK11-A205 AEALHPFAA	157	>STK11-A205 AEALHPFTA	416	259
>STK11-A205 AEALHPFA	5	>STK11-A205 AEALHPFT	12	7
>STK11-A205 AEALHPFAA	4	>STK11-A205 AEALHPFTA	5	1
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>STK11-A205 AEALHPFAA	117	>STK11-A205 AEALHPFTA	95	22
>STK11-A205 AEALHPFAAD	622	>STK11-A205 AEALHPFTAD	336	286
>STK11-A205 GVAEALHPFA	159	>STK11-A205 GVAEALHPFT	153	6
>STK11-A205 GVAEALHPFA	73	>STK11-A205 GVAEALHPFT	109	36
>STK11-A205 GVAEALHPFA	33	>STK11-A205 GVAEALHPFT	39	6
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>STK11-A205 GVAEALHPFA	393	>STK11-A205 GVAEALHPFT	291	102
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>STK11-A205 GVAEALHPFA	74	>STK11-A205 GVAEALHPFT	966	892
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>STK11-A205 GVAEALHPFA	295	>STK11-A205 GVAEALHPFT	2902	2607
>STK11-A205 GVAEALHPFA	683	>STK11-A205 GVAEALHPFT	249	434
>STK11-A389 KAVCMNGTE	732	>STK11-A389 KTVCMNGTE	474	258
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>STK11-A389 GLPKAVCM	330	>STK11-A389 GLPKTVCM	258	72
>STK11-A389 GLPKAVCM	509	>STK11-A389 GLPKTVCM	415	94
>STK11-A389 RGLPKAVCM	199	>STK11-A389 RGLPKTVCM	665	466
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>STK11-A389 RRGLPKAV	1147	>STK11-A389 RRGLPKTV	376	771
>STK11-A389 RRGLPKAVC	698	>STK11-A389 RRGLPKTVC	462	236
>STK11-A389 RRGLPKAVCM	215	>STK11-A389 RRGLPKTVCM	184	31
>STK11-A389 RRGLPKAVCM	583	>STK11-A389 RRGLPKTVCM	427	156
>STK11-A389 RRGLPKAVCM	102	>STK11-A389 RRGLPKTVCM	86	16
>STK11-A389 QRRGLPKAVC	475	>STK11-A389 QRRGLPKTVC	437	38
>STK11-A389 QRRGLPKAVC	194	>STK11-A389 QRRGLPKTVC	233	39
>STK11-A389 GQRRGLPKA	165	>STK11-A389 GQRRGLPKT	3898	3733
>STK11-A389 GQRRGLPKA\	250	>STK11-A389 GQRRGLPKT\	402	152
>STK11-D17E DIKPGNLL	14062	>STK11-D17E YIKPGNLL	159	13903
>STK11-D17E DIKPGNLLL	16431	>STK11-D17E YIKPGNLLL	246	16185
>STK11-D17E DIKPGNLL	11424	>STK11-D17E YIKPGNLL	67	11357
>STK11-D17E DIKPGNLLL	11665	>STK11-D17E YIKPGNLLL	67	11598
>STK11-D17E DIKPGNLLLT	4537	>STK11-D17E YIKPGNLLLT	168	4369
>STK11-D17E DIKPGNLLLT\	13412	>STK11-D17E YIKPGNLLLT\	301	13111
>STK11-D17E DIKPGNLL	23265	>STK11-D17E YIKPGNLL	444	22821
>STK11-D17E DIKPGNLLL	20993	>STK11-D17E YIKPGNLLL	136	20857



>STK11-D17€ DIKPGNLL	8057	>STK11-D17€ YIKPGNLL	34	8023
>STK11-D17€ DIKPGNLLL	6143	>STK11-D17€ YIKPGNLLL	13	6130
>STK11-D17€ DIKPGNLLLT	20568	>STK11-D17€ YIKPGNLLLT	443	20125
>STK11-D17€ DIKPGNLLL	15721	>STK11-D17€ YIKPGNLLL	431	15290
>STK11-D17€ KDIKPGNL	29098	>STK11-D17€ KYIKPGNL	130	28968
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>STK11-D17€ KDIKPGNL	32511	>STK11-D17€ KYIKPGNL	473	32038
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>STK11-D17€ YLHSQGIVHK	1164	>STK11-D17€ YLHSQGIVHK	293	871
>STK11-D17€ YLHSQGIVHK	557	>STK11-D17€ YLHSQGIVHK	60	497
>STK11-D17€ YLHSQGIVHK	33708	>STK11-D17€ YLHSQGIVHK	326	33382
>STK11-D17€ YLHSQGIVHK	18530	>STK11-D17€ YLHSQGIVHK	16	18514
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>STK11-D17€ YLHSQGIVHK	24699	>STK11-D17€ YLHSQGIVHK	484	24215
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>STK11-D17€ HKDIKPGNLL	7418	>STK11-D17€ HKYIKPGNLL	150	7268
>STK11-D17€ HKDIKPGNLL	9967	>STK11-D17€ HKYIKPGNLLI	209	9758
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>STK11-D17€ IVHKDIKPGN	3767	>STK11-D17€ IVHKYIKPGNI	466	3301
>STK11-D17€ GIVHKDIK	1046	>STK11-D17€ GIVHKYIK	113	933
>STK11-D17€ QGIVHKDIK	2282	>STK11-D17€ QGIVHKYIK	449	1833
>STK11-D17€ SQGIVHKDI	468	>STK11-D17€ SQGIVHKYI	148	320
>STK11-D17€ SQGIVHKDI	10754	>STK11-D17€ SQGIVHKYI	439	10315
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>STK11-D17€ SQGIVHKD	25119	>STK11-D17€ SQGIVHKY	90	25029
>STK11-D17€ SQGIVHKD	25313	>STK11-D17€ SQGIVHKY	288	25025
>STK11-D17€ SQGIVHKD	21443	>STK11-D17€ SQGIVHKY	236	21207

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>STK11-D17€HSQGIVHKDI	303	>STK11-D17€HSQGIVHKYII	75	228
>STK11-D17€HSQGIVHKD	16817	>STK11-D17€HSQGIVHKY	52	16765
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>STK11-D194DLGVAEALHF	3186	>STK11-D194HLGVAEALHF	122	3064
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>STK11-D194KISDLGVAEA	429	>STK11-D194KISHLGVAEA	2094	1665
>STK11-D194KISDLGVAEAI	14	>STK11-D194KISHLGVAEAI	32	18
>STK11-D194KISDLGVA	167	>STK11-D194KISHLGVA	219	52
>STK11-D194KISDLGVAEA	96	>STK11-D194KISHLGVAEA	238	142
>STK11-D194KISDLGVAEAI	288	>STK11-D194KISHLGVAEAI	502	214
>STK11-D194KISDLGVAEAI	68	>STK11-D194KISHLGVAEAI	199	131
>STK11-D194KISDLGVAEA	324	>STK11-D194KISHLGVAEA	2041	1717
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>STK11-D194KISDLGVAEAI	201	>STK11-D194KISHLGVAEAI	3348	3147
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>STK11-D194 LKISDLGV	189	>STK11-D194 LKISHLGV	77	112
>STK11-D194 LKISDLGVAE/	474	>STK11-D194 LKISHLGVAE/	339	135
>STK11-D194 TLKISDLGV	70	>STK11-D194 TLKISHLGV	34	36
>STK11-D194 TLKISDLGVA	134	>STK11-D194 TLKISHLGVA	118	16
>STK11-D194 TLKISDLGV	659	>STK11-D194 TLKISHLGV	172	487
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>STK11-D194 GTLKISDL	262	>STK11-D194 GTLKISHL	71	191
>STK11-D194 GTLKISDLGV/	328	>STK11-D194 GTLKISHLGV/	421	93
>STK11-D194 TTGGTLKISDI	670	>STK11-D194 TTGGTLKISHL	146	524
>STK11-D194 TTGGTLKISDI	654	>STK11-D194 TTGGTLKISHL	231	423
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>STK11-D194 KISDLGVAEA	14	>STK11-D194 KISNLGVAEA	40	26
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>STK11-D194 KISDLGVAEA	96	>STK11-D194 KISNLGVAEA	100	4
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>STK11-D194 LKISDLGV	189	>STK11-D194 LKISNLGV	89	100
>STK11-D194 LKISDLGVAE/	474	>STK11-D194 LKISNLGVAE/	344	130
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>STK11-D194 TLKISDLGV	70	>STK11-D194 TLKISNLGV	28	42
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>STK11-D194 GTLKISDLGV	274	>STK11-D194 GTLKISNLGV	170	104
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>STK11-D194 GTLKISDLGV/	328	>STK11-D194 GTLKISNLGV/	310	18
>STK11-D194 TTGGTLKISDI	670	>STK11-D194 TTGGTLKISNI	225	445
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>STK11-D194 DLGVAEAL	2587	>STK11-D194 VLGVAEAL	50	2537
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>STK11-D194 DLGVAEAL	1218	>STK11-D194 VLGVAEAL	17	1201
>STK11-D194 DLGVAEALHF	3186	>STK11-D194 VLGVAEALHF	135	3051
>STK11-D194 DLGVAEALHF	4626	>STK11-D194 VLGVAEALHF	497	4129
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>STK11-D194ISDLGVAEALI	1331	>STK11-D194ISVLGVAEALI	177	1154
>STK11-D194KISDLGVAEA	429	>STK11-D194KISVLGVAEA	1383	954
>STK11-D194KISDLGVAEAI	14	>STK11-D194KISVLGVAEAI	57	43
>STK11-D194KISDLGV	167	>STK11-D194KISVLGV	705	538
>STK11-D194KISDLGVAEA	96	>STK11-D194KISVLGVAEA	206	110
>STK11-D194KISDLGVAEAI	288	>STK11-D194KISVLGVAEAI	1479	1191
>STK11-D194KISDLGVAEAI	68	>STK11-D194KISVLGVAEAI	290	222
>STK11-D194KISDLGVAEA	324	>STK11-D194KISVLGVAEA	3027	2703
>STK11-D194KISDLGVAEAI	114	>STK11-D194KISVLGVAEAI	1150	1036
>STK11-D194KISDLGVAEA	136	>STK11-D194KISVLGVAEA	2426	2290
>STK11-D194KISDLGVAEAI	201	>STK11-D194KISVLGVAEAI	3512	3311
>STK11-D194KISDLGVAEAI	38	>STK11-D194KISVLGVAEAI	53	15
>STK11-D194LKISDLGV	1138	>STK11-D194LKISVLGV	495	643
>STK11-D194LKISDLGV	189	>STK11-D194LKISVLGV	118	71
>STK11-D194LKISDLGVAEI	474	>STK11-D194LKISVLGVAEI	577	103
>STK11-D194TLKISDLGV	1025	>STK11-D194TLKISVLGV	332	693
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>STK11-D194TLKISDLGVA	134	>STK11-D194TLKISVLGVA	80	54
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>STK11-D194TLKISDLGV	9	>STK11-D194TLKISVLGV	3	6
>STK11-D194GTLKISDLGV	274	>STK11-D194GTLKISVLGV	96	178
>STK11-D194GTLKISDLGV	152	>STK11-D194GTLKISVLGV	152	0
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>STK11-D194GTLKISDLGV	275	>STK11-D194GTLKISVLGV	122	153
>STK11-D194GTLKISDLGV	38	>STK11-D194GTLKISVLGV	19	19
>STK11-D194GTLKISDLGV	1407	>STK11-D194GTLKISVLGV	380	1027
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>STK11-D194GTLKISDL	262	>STK11-D194GTLKISVL	74	188
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>STK11-D194TTGGTLKISD	23505	>STK11-D194TTGGTLKISV	256	23249
>STK11-D194TTGGTLKISDI	670	>STK11-D194TTGGTLKISVI	249	421
>STK11-D194TTGGTLKISD	33122	>STK11-D194TTGGTLKISV	498	32624
>STK11-D194TTGGTLKISD	19403	>STK11-D194TTGGTLKISV	162	19241
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>STK11-D194DLGVAEAL	4516	>STK11-D194YLGVAEAL	11	4505
>STK11-D194DLGVAEALHF	15133	>STK11-D194YLGVAEALHP	172	14961
>STK11-D194DLGVAEAL	14671	>STK11-D194YLGVAEAL	156	14515
>STK11-D194DLGVAEAL	17430	>STK11-D194YLGVAEAL	190	17240
>STK11-D194DLGVAEAL	2587	>STK11-D194YLGVAEAL	8	2579
>STK11-D194DLGVAEALHF	15109	>STK11-D194YLGVAEALHP	340	14769
>STK11-D194DLGVAEAL	4248	>STK11-D194YLGVAEAL	9	4239
>STK11-D194DLGVAEALHF	13157	>STK11-D194YLGVAEALHP	423	12734
>STK11-D194DLGVAEAL	3255	>STK11-D194YLGVAEAL	16	3239
>STK11-D194DLGVAEAL	1362	>STK11-D194YLGVAEAL	10	1352
>STK11-D194DLGVAEAL	1218	>STK11-D194YLGVAEAL	4	1214
>STK11-D194DLGVAEALHF	14536	>STK11-D194YLGVAEALHP	158	14378
>STK11-D194DLGVAEALHF	3186	>STK11-D194YLGVAEALHP	57	3129
>STK11-D194DLGVAEALHF	1662	>STK11-D194YLGVAEALHP	108	1554
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>STK11-D194DLGVAEALHF	2051	>STK11-D194YLGVAEALHP	329	1722
>STK11-D194SDLGVAEAL	12416	>STK11-D194SYLGVAEAL	4	12412
>STK11-D194SDLGVAEA	22510	>STK11-D194SYLGVAEA	182	22328
>STK11-D194SDLGVAEAL	20505	>STK11-D194SYLGVAEAL	5	20500
>STK11-D194SDLGVAEAL	4320	>STK11-D194SYLGVAEAL	134	4186
>STK11-D194SDLGVAEAL	1057	>STK11-D194SYLGVAEAL	312	745
>STK11-D194SDLGVAEAL	16529	>STK11-D194SYLGVAEAL	317	16212
>STK11-D194SDLGVAEA	31751	>STK11-D194SYLGVAEA	327	31424
>STK11-D194SDLGVAEAL	25322	>STK11-D194SYLGVAEAL	83	25239
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>STK11-D194LTTGGTLKISD	21855	>STK11-D194LTTGGTLKISY	151	21704
>STK11-D194LTTGGTLKISD	34319	>STK11-D194LTTGGTLKISY	218	34101
>STK11-D194LTTGGTLKISD	30658	>STK11-D194LTTGGTLKISY	178	30480
>STK11-D194LTTGGTLKISD	20008	>STK11-D194LTTGGTLKISY	33	19975
>STK11-D194LTTGGTLKISD	30812	>STK11-D194LTTGGTLKISY	132	30680
>STK11-D194LTTGGTLKISD	24822	>STK11-D194LTTGGTLKISY	349	24473
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>STK11-D194LTTGGTLKISD	22124	>STK11-D194LTTGGTLKISY	467	21657
>STK11-D194LTTGGTLKISD	19822	>STK11-D194LTTGGTLKISY	256	19566
>STK11-D194LTTGGTLKISD	9589	>STK11-D194LTTGGTLKISY	19	9570
>STK11-D194LTTGGTLKISD	37423	>STK11-D194LTTGGTLKISY	426	36997
>STK11-D194ISDLGVAEAL	4004	>STK11-D194ISYLGVAEAL	286	3718
>STK11-D194ISDLGVAEAL	10647	>STK11-D194ISYLGVAEAL	206	10441
>STK11-D194ISDLGVAEA	1981	>STK11-D194ISYLGVAEA	62	1919
>STK11-D194ISDLGVAEAL	33	>STK11-D194ISYLGVAEAL	5	28

>STK11-D194ISDLGVAEALF	1331	>STK11-D194ISYLGVAEALF	47	1284
>STK11-D194ISDLGVAEAL	3467	>STK11-D194ISYLGVAEAL	433	3034
>STK11-D194ISDLGVAEALF	2054	>STK11-D194ISYLGVAEALF	249	1805
>STK11-D194KISDLGVAEA	429	>STK11-D194KISYLGVAEA	897	468
>STK11-D194KISDLGVAEA	14	>STK11-D194KISYLGVAEAL	27	13
>STK11-D194KISDLGVA	167	>STK11-D194KISYLGVA	328	161
>STK11-D194KISDLGVAEA	96	>STK11-D194KISYLGVAEA	142	46
>STK11-D194KISDLGVAEA	288	>STK11-D194KISYLGVAEAL	712	424
>STK11-D194KISDLGVAEA	68	>STK11-D194KISYLGVAEAL	242	174
>STK11-D194KISDLGVAEA	324	>STK11-D194KISYLGVAEA	3612	3288
>STK11-D194KISDLGVAEA	114	>STK11-D194KISYLGVAEAL	1431	1317
>STK11-D194KISDLGVAEA	136	>STK11-D194KISYLGVAEA	4369	4233
>STK11-D194KISDLGVAEA	201	>STK11-D194KISYLGVAEAL	5457	5256
>STK11-D194KISDLGVAEA	38	>STK11-D194KISYLGVAEAL	16	22
>STK11-D194LKISDLGV	189	>STK11-D194LKISYLGV	51	138
>STK11-D194LKISDLGVAE/	474	>STK11-D194LKISYLGVAE/	252	222
>STK11-D194TLKISDLGV	1025	>STK11-D194TLKISYLGV	394	631
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>STK11-D194TLKISDLGVA	134	>STK11-D194TLKISYLGVA	80	54
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>STK11-D194TLKISDLGV	458	>STK11-D194TLKISYLGV	319	139
>STK11-D194TLKISDLGV	9	>STK11-D194TLKISYLGV	4	5
>STK11-D194GTLKISDL	3124	>STK11-D194GTLKISYL	251	2873
>STK11-D194GTLKISDLGV	274	>STK11-D194GTLKISYLGV	122	152
>STK11-D194GTLKISDL	5918	>STK11-D194GTLKISYL	342	5576
>STK11-D194GTLKISDLGV	152	>STK11-D194GTLKISYLGV	143	9
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>STK11-D194GTLKISDLGV	186	>STK11-D194GTLKISYLGV	47	139
>STK11-D194GTLKISDL	5230	>STK11-D194GTLKISYL	376	4854
>STK11-D194GTLKISDLGV	275	>STK11-D194GTLKISYLGV	109	166
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>STK11-D194GTLKISDLGV	38	>STK11-D194GTLKISYLGV	26	12
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>STK11-D194GTLKISDL	262	>STK11-D194GTLKISYL	70	192
>STK11-D194GTLKISDLGV/	328	>STK11-D194GTLKISYLGVA/	235	93
>STK11-D194TTGGTLKISD	20642	>STK11-D194TTGGTLKISY	223	20419
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>STK11-D194TTGGTLKISD	19537	>STK11-D194TTGGTLKISY	64	19473
>STK11-D194TTGGTLKISDI	1269	>STK11-D194TTGGTLKISYL	252	1017
>STK11-D208AEALHPFAAC	547	>STK11-D208AEALHPFAAC	236	311
>STK11-D208FAADDTCRT	402	>STK11-D208FAADNTCRT	656	254
>STK11-D208FAADDTCRT	194	>STK11-D208FAADNTCRT	135	59
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>STK11-D208HPFAADDT	127	>STK11-D208HPFAADNT	159	32
>STK11-D208HPFAADDTC	406	>STK11-D208HPFAADNTC	577	171
>STK11-D208HPFAADDTCI	322	>STK11-D208HPFAADNTCI	261	61
>STK11-D208HPFAADDT	133	>STK11-D208HPFAADNT	185	52
>STK11-D208HPFAADDTC	31	>STK11-D208HPFAADNTC	35	4
>STK11-D208HPFAADDTCI	102	>STK11-D208HPFAADNTCI	116	14
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>STK11-D208HPFAADDTCI	181	>STK11-D208HPFAADNTCI	128	53
>STK11-D208ALHPFAADDI	194	>STK11-D208ALHPFAADNI	253	59
>STK11-D208ALHPFAADDI	278	>STK11-D208ALHPFAADNI	150	128
>STK11-D208ALHPFAADDI	45	>STK11-D208ALHPFAADNI	26	19
>STK11-D208EALHPFAADCI	1895	>STK11-D208EALHPFAADNI	411	1484
>STK11-D237DIWSAGVTLY	1485	>STK11-D237YIWSAGVTLY	400	1085
>STK11-D237DIWSAGVTL	13790	>STK11-D237YIWSAGVTL	20	13770
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>STK11-D237DIWSAGVTL	15308	>STK11-D237YIWSAGVTL	294	15014
>STK11-D237DIWSAGVTL	5053	>STK11-D237YIWSAGVTL	42	5011
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>STK11-D237DIWSAGVTL	1472	>STK11-D237YIWSAGVTL	4	1468
>STK11-D237DIWSAGVTLY	16804	>STK11-D237YIWSAGVTLY	267	16537
>STK11-D237DIWSAGVTL	7799	>STK11-D237YIWSAGVTL	16	7783
>STK11-D237DIWSAGVTL	787	>STK11-D237YIWSAGVTL	8	779
>STK11-D237DIWSAGVTL	2022	>STK11-D237YIWSAGVTL	10	2012
>STK11-D237DIWSAGVTL	1732	>STK11-D237YIWSAGVTL	5	1727
>STK11-D237DIWSAGVTLY	353	>STK11-D237YIWSAGVTLY	90	263
>STK11-D237DIWSAGVTLY	183	>STK11-D237YIWSAGVTLY	82	101
>STK11-D237DIWSAGVTL	828	>STK11-D237YIWSAGVTL	187	641
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>STK11-D237DIWSAGVTLY	3706	>STK11-D237YIWSAGVTLY	59	3647
>STK11-D237DIWSAGVTL	14623	>STK11-D237YIWSAGVTL	478	14145
>STK11-D237DIWSAGVTLY	5956	>STK11-D237YIWSAGVTLY	95	5861
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>STK11-D237DIWSAGVTL	2053	>STK11-D237YIWSAGVTL	34	2019
>STK11-D237DIWSAGVTLY	1415	>STK11-D237YIWSAGVTLY	34	1381
>STK11-D237DIWSAGVTL	12620	>STK11-D237YIWSAGVTL	191	12429



>STK11-D237DIWSAGVTLY	7379	>STK11-D237YIWSAGVTLY	57	7322
>STK11-D237DIWSAGVTL	836	>STK11-D237YIWSAGVTL	103	733
>STK11-D237DIWSAGVTL	9468	>STK11-D237YIWSAGVTL	305	9163
>STK11-D237DIWSAGVTL	4030	>STK11-D237YIWSAGVTL	165	3865
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>STK11-D237VDIWSAGVTI	21351	>STK11-D237VYIWSAGVTL	16	21335
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>STK11-D237VDIWSAGVTI	24876	>STK11-D237VYIWSAGVTL	12	24864
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>STK11-D237VDIWSAGVTI	1088	>STK11-D237VYIWSAGVTL	59	1029
>STK11-D237VDIWSAGVTI	3999	>STK11-D237VYIWSAGVTL	150	3849
>STK11-D237VDIWSAGVTI	391	>STK11-D237VYIWSAGVTL	572	181
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>STK11-D237VDIWSAGV	31916	>STK11-D237VYIWSAGV	231	31685
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>STK11-D237VDIWSAGV	171	>STK11-D237VYIWSAGV	19450	19279
>STK11-D237VDIWSAGVTI	421	>STK11-D237VYIWSAGVTL	25627	25206
>STK11-D237GLDTFSGFKV	30484	>STK11-D237GLDTFSGFKV	303	30181
>STK11-D237GLDTFSGFKV	34533	>STK11-D237GLDTFSGFKV	453	34080
>STK11-D237KVDIWSAGV	5732	>STK11-D237KVYIWSAGV	66	5666
>STK11-D237KVDIWSAGV	4237	>STK11-D237KVYIWSAGV	61	4176
>STK11-D237KVDIWSAGV	42	>STK11-D237KVYIWSAGV	19	23
>STK11-D237KVDIWSAGV	563	>STK11-D237KVYIWSAGV	190	373
>STK11-D237KVDIWSAGV	473	>STK11-D237KVYIWSAGV	54	419
>STK11-D237KVDIWSAGV	1632	>STK11-D237KVYIWSAGV	340	1292
>STK11-D237KVDIWSAGV	212	>STK11-D237KVYIWSAGV	8	204
>STK11-D237KVDIWSAGV	5804	>STK11-D237KVYIWSAGV	466	5338
>STK11-D237KVDIWSAGV	3745	>STK11-D237KVYIWSAGV	178	3567
>STK11-D237KVDIWSAGV	12	>STK11-D237KVYIWSAGV	8	4
>STK11-D237KVDIWSAGV	142	>STK11-D237KVYIWSAGV	76	66
>STK11-D237KVDIWSAGV	5	>STK11-D237KVYIWSAGV	3	2
>STK11-D237KVDIWSAGV	88	>STK11-D237KVYIWSAGV	19	69
>STK11-D237KVDIWSAGV	16	>STK11-D237KVYIWSAGV	10	6
>STK11-D237KVDIWSAGV	307	>STK11-D237KVYIWSAGV	152	155
>STK11-D237KVDIWSAGV	12	>STK11-D237KVYIWSAGV	7	5
>STK11-D237KVDIWSAGV	153	>STK11-D237KVYIWSAGV	53	100
>STK11-D237KVDIWSAGV	11	>STK11-D237KVYIWSAGV	17	6
>STK11-D237KVDIWSAGV	10	>STK11-D237KVYIWSAGV	5	5
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>STK11-D237KVDIWSAGV	8514	>STK11-D237KVYIWSAGV	223	8291
>STK11-D237KVDIWSAGV'	8922	>STK11-D237KVYIWSAGV\	234	8688
>STK11-D237KVDIWSAGV	3271	>STK11-D237KVYIWSAGV	273	2998
>STK11-D237KVDIWSAGV'	97	>STK11-D237KVYIWSAGV\	11	86
>STK11-D237KVDIWSAGV	3219	>STK11-D237KVYIWSAGV	149	3070
>STK11-D237KVDIWSAGV	14	>STK11-D237KVYIWSAGV	7	7
>STK11-D237KVDIWSAGV	2416	>STK11-D237KVYIWSAGV	67	2349
>STK11-D237KVDIWSAGV'	153	>STK11-D237KVYIWSAGV\	7	146
>STK11-D237KVDIWSAGV'	2937	>STK11-D237KVYIWSAGV\	439	2498
>STK11-D237KVDIWSAGV'	3468	>STK11-D237KVYIWSAGV\	280	3188
>STK11-D237FKVDIWSA	443	>STK11-D237FKVYIWSA	656	213
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>STK11-D237FKVDIWSAG\	105	>STK11-D237FKVYIWSAG\	173	68
>STK11-D237FKVDIWSAG\	70	>STK11-D237FKVYIWSAG\	730	660
>STK11-D237FKVDIWSAG\	65	>STK11-D237FKVYIWSAG\	1756	1691
>STK11-D237FKVDIWSA	513	>STK11-D237FKVYIWSA	137	376
>STK11-D237FKVDIWSAG\	278	>STK11-D237FKVYIWSAG\	85	193
>STK11-D237FKVDIWSAG\	443	>STK11-D237FKVYIWSAG\	811	368
>STK11-D237SGFKVDIW	371	>STK11-D237SGFKVYIW	139	232
>STK11-D237SGFKVDIW	170	>STK11-D237SGFKVYIW	84	86
>STK11-D237FSGFKVDI	6594	>STK11-D237FSGFKVYI	460	6134
>STK11-D237FSGFKVDIWS	847	>STK11-D237FSGFKVYIWS	277	570
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>STK11-D237TFSGFKVDIW	2735	>STK11-D237TFSGFKVYIW	136	2599
>STK11-D237TFSGFKVDIW	6793	>STK11-D237TFSGFKVYIW	466	6327
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>STK11-D237TFSGFKVD	23170	>STK11-D237TFSGFKVY	53	23117
>STK11-D237TFSGFKVD	35080	>STK11-D237TFSGFKVY	464	34616
>STK11-D237TFSGFKVDI	983	>STK11-D237TFSGFKVYI	266	717
>STK11-D237DTFSGFKVDI	5743	>STK11-D237DTFSGFKVYI	393	5350
>STK11-D237DTFSGFKVD	21920	>STK11-D237DTFSGFKVY	212	21708
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>STK11-D237DTFSGFKVD	26278	>STK11-D237DTFSGFKVY	32	26246
>STK11-D237DTFSGFKVDI\	673	>STK11-D237DTFSGFKVYI\	408	265
>STK11-D237DTFSGFKVD	25344	>STK11-D237DTFSGFKVY	104	25240
>STK11-D237DTFSGFKVD	27570	>STK11-D237DTFSGFKVY	152	27418
>STK11-D237DTFSGFKVDI	385	>STK11-D237DTFSGFKVYI	692	307

>STK11-D237DTFSGFKVDI	1638	>STK11-D237DTFSGFKVYI	304	1334
>STK11-D237DTFSGFKVD	11055	>STK11-D237DTFSGFKVY	109	10946
>STK11-D237DTFSGFKVDI	200	>STK11-D237DTFSGFKVYI	21	179
>STK11-D237DTFSGFKVDI	303	>STK11-D237DTFSGFKVYI	27	276
>STK11-D237DTFSGFKVD	21745	>STK11-D237DTFSGFKVY	328	21417
>STK11-D237DTFSGFKVD	22672	>STK11-D237DTFSGFKVY	128	22544
>STK11-D237DTFSGFKVDI	237	>STK11-D237DTFSGFKVYI	86	151
>STK11-D237DTFSGFKVD	11734	>STK11-D237DTFSGFKVY	311	11423
>STK11-D237DTFSGFKVDI	366	>STK11-D237DTFSGFKVYI	130	236
>STK11-D237DTFSGFKVD	6153	>STK11-D237DTFSGFKVY	15	6138
>STK11-D237DTFSGFKVDI	225	>STK11-D237DTFSGFKVYI	224	1
>STK11-D237LDTFSGFKVD	238	>STK11-D237LDTFSGFKVYI	232	6
>STK11-D277DCGPPLSDL	13145	>STK11-D277YCGPPLSDL	425	12720
>STK11-D277GDCGPPLSDL	26811	>STK11-D277GYCGPPLSDL	54	26757
>STK11-D277GDCGPPLSDL	25646	>STK11-D277GYCGPPLSDL	43	25603
>STK11-D277IGKGSYAIPGI	31361	>STK11-D277IGKGSYAIPGI	101	31260
>STK11-D277IGKGSYAIPGI	22565	>STK11-D277IGKGSYAIPGI	314	22251
>STK11-D277IGKGSYAIPGI	24003	>STK11-D277IGKGSYAIPGI	185	23818
>STK11-D277IPGDCGPPL	490	>STK11-D277IPGYCGPPL	161	329
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>STK11-D277AIPGDCGPPL	141	>STK11-D277AIPGYCGPPL	153	12
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>STK11-D277YAIPGDCGPP	339	>STK11-D277YAIPGYCGPP	107	232
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>STK11-D277SYAIPGDC	1607	>STK11-D277SYAIPGYC	487	1120
>STK11-D277GSYAIPGD	19351	>STK11-D277GSYAIPGY	382	18969
>STK11-D277GSYAIPGD	23178	>STK11-D277GSYAIPGY	250	22928
>STK11-D277GSYAIPGD	23921	>STK11-D277GSYAIPGY	62	23859

>STK11-D277GSYAIPGD	23517	>STK11-D277GSYAIPGY	33	23484
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>STK11-D277GSYAIPGD	12764	>STK11-D277GSYAIPGY	6	12758
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>STK11-D277KGSYAIPGD	25735	>STK11-D277KGSYAIPGY	305	25430
>STK11-D277GKGSYAIPGD	21517	>STK11-D277GKGSYAIPGY	140	21377
>STK11-E14KTEGELMSVGI	290	>STK11-E14KTKGELMSVGI	15563	15273
>STK11-E14KTEGELMSV	184	>STK11-E14KTKGELMSV	27071	26887
>STK11-E14KTEGELMSV	176	>STK11-E14KTKGELMSV	30974	30798
>STK11-E14KTEGELMSVGI	52	>STK11-E14KTKGELMSVGI	18770	18718
>STK11-E14KFTEGELMSV	234	>STK11-E14KFTKGELMSV	349	115
>STK11-E14KFTEGELMSV	33	>STK11-E14KFTKGELMSV	44	11
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>STK11-E14KFTEGELMSV	11	>STK11-E14KFTKGELMSV	16	5
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>STK11-E14KFTEGELMSV	5	>STK11-E14KFTKGELMSV	5	0
>STK11-E14KFTEGELMSV	6423	>STK11-E14KFTKGELMSV	367	6056
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>STK11-E14KFTEGELMSVC	1760	>STK11-E14KFTKGELMSVC	291	1469
>STK11-E14KFTEGELMSV	149	>STK11-E14KFTKGELMSV	100	49
>STK11-E14KFTEGELMSV	127	>STK11-E14KFTKGELMSV	234	107
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>STK11-E14KGMFTEGELM	16	>STK11-E14KGMFTKGELM	17	1
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>STK11-E14KGMFTEGELM	64	>STK11-E14KGMFTKGELM	137	73
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>STK11-E14KGMFTEGEL	13	>STK11-E14KGMFTKGEL	13	0
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>STK11-E14K QLGMFTEGEI	393	>STK11-E14K QLGMFTKGE	362	31
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>STK11-E14K QQLGMFTE	23421	>STK11-E14K QQLGMFTK	57	23364
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>STK11-E14K QQLGMFTE	12332	>STK11-E14K QQLGMFTK	359	11973
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>STK11-E199 EALHPFAA	16377	>STK11-E199 KALHPFAA	186	16191
>STK11-E199 EALHPFAA	133	>STK11-E199 KALHPFAA	9977	9844
>STK11-E199 EALHPFAA	27	>STK11-E199 KALHPFAA	3107	3080
>STK11-E199 AEALHPFA	216	>STK11-E199 AKALHPFA	28289	28073
>STK11-E199 AEALHPFAA	157	>STK11-E199 AKALHPFAA	28005	27848
>STK11-E199 AEALHPFA	5	>STK11-E199 AKALHPFA	2033	2028
>STK11-E199 AEALHPFAA	4	>STK11-E199 AKALHPFAA	992	988
>STK11-E199 AEALHPFAAC	197	>STK11-E199 AKALHPFAAC	10818	10621
>STK11-E199 AEALHPFAA	117	>STK11-E199 AKALHPFAA	21903	21786
>STK11-E199 TLKISDLGVAE	20732	>STK11-E199 TLKISDLGVAE	372	20360
>STK11-E199 TLKISDLGVAE	14193	>STK11-E199 TLKISDLGVAE	162	14031
>STK11-E199 VAEALHPFA	2984	>STK11-E199 VAKALHPFA	12	2972
>STK11-E199 VAEALHPFAA	9258	>STK11-E199 VAKALHPFAA	167	9091
>STK11-E199 VAEALHPF	1968	>STK11-E199 VAKALHPF	94	1874
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>STK11-E199 VAEALHPF	38	>STK11-E199 VAKALHPF	22	16
>STK11-E199 VAEALHPF	127	>STK11-E199 VAKALHPF	568	441
>STK11-E199 VAEALHPF	4317	>STK11-E199 VAKALHPF	378	3939
>STK11-E199 GVAEALHPFA	159	>STK11-E199 GVAKALHPFA	1214	1055
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>STK11-E199 GVAEALHPFA	33	>STK11-E199 GVAKALHPFA	133	100
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>STK11-E199 GVAEALHPFA	26	>STK11-E199 GVAKALHPFA	108	82
>STK11-E199 GVAEALHPFA	497	>STK11-E199 GVAKALHPFA	4024	3527

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>STK11-E199 KISDLGVAEA	429	>STK11-E199 KISDLGVAKA	611	182
>STK11-E199 KISDLGVAEA	14	>STK11-E199 KISDLGVAKA	77	63
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>STK11-E199 LKISDLGVAE	1331	>STK11-E199 LKISDLGVAK	143	1188
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>STK11-E199 EALHPFAA	3721	>STK11-E199 QALHPFAA	381	3340
>STK11-E199 EALHPFAA	133	>STK11-E199 QALHPFAA	1011	878
>STK11-E199 EALHPFAA	27	>STK11-E199 QALHPFAA	208	181
>STK11-E199 AEALHPFAA	10855	>STK11-E199 AQALHPFAA	395	10460
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>STK11-E199 AEALHPFAA	6774	>STK11-E199 AQALHPFAA	31	6743
>STK11-E199 AEALHPFA	216	>STK11-E199 AQALHPFA	13254	13038

>STK11-E199 AEALHPFAA	157	>STK11-E199 AQALHPFAA	13914	13757
>STK11-E199 AEALHPFA	5	>STK11-E199 AQALHPFA	183	178
>STK11-E199 AEALHPFAA	4	>STK11-E199 AQALHPFAA	77	73
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>STK11-E199 VAEALHPF	1968	>STK11-E199 VAQALHPF	140	1828
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>STK11-E199 GVAEALHPFA	159	>STK11-E199 GVAQALHPF/	1296	1137
>STK11-E199 GVAEALHPFA	73	>STK11-E199 GVAQALHPF/	242	169
>STK11-E199 GVAEALHPFA	33	>STK11-E199 GVAQALHPF/	133	100
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>STK11-E199 GVAEALHPFA	26	>STK11-E199 GVAQALHPF/	91	65
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>STK11-E199 GVAEALHPFA	455	>STK11-E199 GVAQALHPF/	2009	1554
>STK11-E199 GVAEALHPFA	295	>STK11-E199 GVAQALHPF/	747	452
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>STK11-E199 GVAEALHPF	256	>STK11-E199 GVAQALHPF	341	85
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>STK11-E199 KISDLGVAEA	14	>STK11-E199 KISDLGVAQA	23	9
>STK11-E199 KISDLGVAEA	96	>STK11-E199 KISDLGVAQA	193	97
>STK11-E199 KISDLGVAEA	288	>STK11-E199 KISDLGVAQA	205	83
>STK11-E199 KISDLGVAEA	68	>STK11-E199 KISDLGVAQA	90	22
>STK11-E199 KISDLGVAEA	324	>STK11-E199 KISDLGVAQA	356	32
>STK11-E199 KISDLGVAEA	114	>STK11-E199 KISDLGVAQA	124	10
>STK11-E199 KISDLGVAEA	136	>STK11-E199 KISDLGVAQA	126	10
>STK11-E199 KISDLGVAEA	201	>STK11-E199 KISDLGVAQA	82	119
>STK11-E199 KISDLGVAEA	38	>STK11-E199 KISDLGVAQA	52	14
>STK11-E199 LKISDLGVAE	1331	>STK11-E199 LKISDLGVAQ	391	940

>STK11-E199 LKISDLGVAE/	474	>STK11-E199 LKISDLGVAQ,	906	432
>STK11-E223 EIANGLDTF	2566	>STK11-E223 LIANGLDTF	185	2381
>STK11-E223 EIANGLDTF	60	>STK11-E223 LIANGLDTF	4765	4705
>STK11-E223 EIANGLDTF	95	>STK11-E223 LIANGLDTF	9227	9132
>STK11-E223 EIANGLDTF	5	>STK11-E223 LIANGLDTF	218	213
>STK11-E223 EIANGLDTF	1522	>STK11-E223 LIANGLDTF	95	1427
>STK11-E223 EIANGLDTF	437	>STK11-E223 LIANGLDTF	441	4
>STK11-E223 EIANGLDTF	1809	>STK11-E223 LIANGLDTF	142	1667
>STK11-E223 SQGSPAFQPF	16096	>STK11-E223 SQGSPAFQPF	82	16014
>STK11-E223 SQGSPAFQPF	7263	>STK11-E223 SQGSPAFQPF	390	6873
>STK11-E223 SQGSPAFQPF	10103	>STK11-E223 SQGSPAFQPF	139	9964
>STK11-E223 SQGSPAFQPF	22911	>STK11-E223 SQGSPAFQPF	277	22634
>STK11-E223 PPEIANGLDT	563	>STK11-E223 PPLIANGLDTI	86	477
>STK11-E223 PPEIANGLDT	493	>STK11-E223 PPLIANGLDTI	311	182
>STK11-E223 PPEIANGLDT	711	>STK11-E223 PPLIANGLDTI	482	229
>STK11-E223 QPPEIANGL	425	>STK11-E223 QPPLIANGL	590	165
>STK11-E223 FQPPEIANGL	200	>STK11-E223 FQPPLIANGL	162	38
>STK11-E223 FQPPEIAN	1485	>STK11-E223 FQPPLIAN	356	1129
>STK11-E223 FQPPEIANG	538	>STK11-E223 FQPPLIANG	328	210
>STK11-E223 FQPPEIANGL	121	>STK11-E223 FQPPLIANGL	101	20
>STK11-E223 FQPPEIANGL	286	>STK11-E223 FQPPLIANGL	340	54
>STK11-E223 FQPPEIANGL	424	>STK11-E223 FQPPLIANGL	688	264
>STK11-E223 FQPPEIANGL	511	>STK11-E223 FQPPLIANGL	427	84
>STK11-E223 FQPPEIANGL	244	>STK11-E223 FQPPLIANGL	150	94
>STK11-E223 AFQPPEIANG	197	>STK11-E223 AFQPPLIANG	117	80
>STK11-E223 PAFQPPEI	617	>STK11-E223 PAFQPPLI	353	264
>STK11-E223 SPAFQPPE	7731	>STK11-E223 SPAFQPPL	43	7688
>STK11-E223 SPAFQPPE	3076	>STK11-E223 SPAFQPPL	198	2878
>STK11-E223 SPAFQPPE	22341	>STK11-E223 SPAFQPPL	303	22038
>STK11-E223 SPAFQPPEI	612	>STK11-E223 SPAFQPPLI	312	300
>STK11-E223 SPAFQPPEIA	436	>STK11-E223 SPAFQPPLIA	433	3
>STK11-E223 GSPAFQPPE	16197	>STK11-E223 GSPAFQPPL	164	16033
>STK11-E223 GSPAFQPPE	552	>STK11-E223 GSPAFQPPL	4	548
>STK11-E223 GSPAFQPPEI	54	>STK11-E223 GSPAFQPPLI	9	45
>STK11-E223 GSPAFQPPEI/	428	>STK11-E223 GSPAFQPPLI/	153	275
>STK11-E223 GSPAFQPPEI	57	>STK11-E223 GSPAFQPPLI	29	28
>STK11-E223 QGSPAFQPPI	751	>STK11-E223 QGSPAFQPPI	376	375
>STK11-F231 FSGFKVDIW	133	>STK11-F231 LSGFKVDIW	151	18
>STK11-F231 FSGFKVDIW	1839	>STK11-F231 LSGFKVDIW	326	1513
>STK11-F231 FSGFKVDIW	30	>STK11-F231 LSGFKVDIW	25	5
>STK11-F231 FSGFKVDI	410	>STK11-F231 LSGFKVDI	308	102
>STK11-F231 TFSGFKVDI	12523	>STK11-F231 TLSGFKVDI	263	12260
>STK11-F231 TFSGFKVDI	21056	>STK11-F231 TLSGFKVDI	21	21035



>STK11-F231 TFSGFKVDI	6363	>STK11-F231 TLSGFKVDI	448	5915
>STK11-F231 PPEIANGLDI	493	>STK11-F231 PPEIANGLDI	5061	4568
>STK11-F231 DTFSGFKVDI	385	>STK11-F231 DTLSGFKVDI	1623	1238
>STK11-F231 DTFSGFKV	9	>STK11-F231 DTLSGFKV	107	98
>STK11-F231 DTFSGFKVDI	200	>STK11-F231 DTLSGFKVDI	2418	2218
>STK11-F231 DTFSGFKV	9	>STK11-F231 DTLSGFKV	6	3
>STK11-F231 DTFSGFKVDI	303	>STK11-F231 DTLSGFKVDI	160	143
>STK11-F231 DTFSGFKVDI	237	>STK11-F231 DTLSGFKVDI	437	200
>STK11-F231 DTFSGFKVDI	366	>STK11-F231 DTLSGFKVDI	1221	855
>STK11-F231 DTFSGFKVDI	225	>STK11-F231 DTLSGFKVDI	219	6
>STK11-F231 LDTFSGFKV	168	>STK11-F231 LDTLGFKV	47	121
>STK11-F231 LDTFSGFKVD	238	>STK11-F231 LDTLGFKVD	79	159
>STK11-F231 GLDTFSGFKV	105	>STK11-F231 GLDTLGSFKV	170	65
>STK11-F231 GLDTFSGFKV	36	>STK11-F231 GLDTLGSFKV	77	41
>STK11-F231 GLDTFSGFKV	272	>STK11-F231 GLDTLGSFKV	501	229
>STK11-F231 GLDTFSGFKV	321	>STK11-F231 GLDTLGSFKV	476	155
>STK11-F231 GLDTFSGFKV	4	>STK11-F231 GLDTLGSFKV	5	1
>STK11-F231 GLDTFSGFKV	5	>STK11-F231 GLDTLGSFKV	5	0
>STK11-F231 GLDTFSGFKV	5	>STK11-F231 GLDTLGSFKV	5	0
>STK11-F231 GLDTFSGFKV	16	>STK11-F231 GLDTLGSFKV	25	9
>STK11-F231 GLDTFSGFKV	4	>STK11-F231 GLDTLGSFKV	5	1
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>STK11-F231 GLDTFSGFK	31	>STK11-F231 GLDTLGSFK	91	60
>STK11-F231 NGLDTFSGFK	498	>STK11-F231 NGLDTLGSFK	651	153
>STK11-F231 NGLDTFSGFK	133	>STK11-F231 NGLDTLGSFK	215	82
>STK11-F231 NGLDTFSGF	293	>STK11-F231 NGLDTLGSF	420	127
>STK11-F231 IANGLDTFSG	272	>STK11-F231 IANGLDTLSG	453	181
>STK11-F231 IANGLDTFSG	191	>STK11-F231 IANGLDTLSG	342	151
>STK11-F231 IANGLDTF	30	>STK11-F231 IANGLDTL	259	229
>STK11-F231 IANGLDTFSG	18	>STK11-F231 IANGLDTLSG	13	5
>STK11-F231 IANGLDTF	43	>STK11-F231 IANGLDTL	805	762
>STK11-F231 IANGLDTFSG	119	>STK11-F231 IANGLDTLSG	155	36
>STK11-F231 IANGLDTF	271	>STK11-F231 IANGLDTL	3263	2992
>STK11-F231 IANGLDTF	38	>STK11-F231 IANGLDTL	819	781
>STK11-F231 IANGLDTFSG	68	>STK11-F231 IANGLDTLSG	61	7
>STK11-F231 IANGLDTFSG	62	>STK11-F231 IANGLDTLSG	63	1
>STK11-F231 EIANGLDTF	2566	>STK11-F231 EIANGLDTL	466	2100
>STK11-F231 EIANGLDTF	60	>STK11-F231 EIANGLDTL	258	198
>STK11-F231 EIANGLDTF	95	>STK11-F231 EIANGLDTL	1277	1182
>STK11-F231 EIANGLDTF	5	>STK11-F231 EIANGLDTL	30	25
>STK11-F231 EIANGLDTF	10335	>STK11-F231 EIANGLDTL	69	10266
>STK11-F231 EIANGLDTF	6884	>STK11-F231 EIANGLDTL	131	6753
>STK11-F231 EIANGLDTF	437	>STK11-F231 EIANGLDTL	6228	5791

>STK11-F231 PEIANGLDTF	1436	>STK11-F231 PEIANGLDTL	391	1045
>STK11-F298 FSIRQIRQHS\	6	>STK11-F298 LSIRQIRQHS\	6	0
>STK11-F298 FSIRQIRQHS\	200	>STK11-F298 LSIRQIRQHS\	435	235
>STK11-F298 FSIRQIRQHS\	34	>STK11-F298 LSIRQIRQHS\	29	5
>STK11-F298 FSIRQIRQHS\	11	>STK11-F298 LSIRQIRQHS\	11	0
>STK11-F298 FSIRQIRQHS\	38	>STK11-F298 LSIRQIRQHS\	123	85
>STK11-F298 RFSIRQIR	10516	>STK11-F298 RLSIRQIR	435	10081
>STK11-F298 RFSIRQIR	11	>STK11-F298 RLSIRQIR	21	10
>STK11-F298 RFSIRQIR	33	>STK11-F298 RLSIRQIR	130	97
>STK11-F298 GMLEYEPAKF	5588	>STK11-F298 GMLEYEPAKF	104	5484
>STK11-F298 GMLEYEPAKF	10837	>STK11-F298 GMLEYEPAKF	310	10527
>STK11-F298 GMLEYEPAKF	1676	>STK11-F298 GMLEYEPAKF	430	1246
>STK11-F298 GMLEYEPAKF	86	>STK11-F298 GMLEYEPAKF	3	83
>STK11-F298 GMLEYEPAKF	1832	>STK11-F298 GMLEYEPAKF	12	1820
>STK11-F298 GMLEYEPAKF	4340	>STK11-F298 GMLEYEPAKF	15	4325
>STK11-F298 GMLEYEPAKF	10068	>STK11-F298 GMLEYEPAKF	46	10022
>STK11-F298 GMLEYEPAKF	3252	>STK11-F298 GMLEYEPAKF	8	3244
>STK11-F298 GMLEYEPAKF	44	>STK11-F298 GMLEYEPAKF	1286	1242
>STK11-F298 GMLEYEPAKF	135	>STK11-F298 GMLEYEPAKF	1483	1348
>STK11-F298 KRFSIRQIR	325	>STK11-F298 KRLSIRQIR	818	493
>STK11-F298 KRFSIRQI	84	>STK11-F298 KRLSIRQI	272	188
>STK11-F298 KRFSIRQIR	138	>STK11-F298 KRLSIRQIR	481	343
>STK11-F298 KRFSIRQIRQ†	354	>STK11-F298 KRLSIRQIRQ†	1189	835
>STK11-F298 KRFSIRQI	20	>STK11-F298 KRLSIRQI	36	16
>STK11-F298 KRFSIRQIR	36	>STK11-F298 KRLSIRQIR	80	44
>STK11-F298 KRFSIRQIRQ	153	>STK11-F298 KRLSIRQIRQ	300	147
>STK11-F298 KRFSIRQIRQ†	37	>STK11-F298 KRLSIRQIRQ†	74	37
>STK11-F298 KRFSIRQI	26	>STK11-F298 KRLSIRQI	37	11
>STK11-F298 KRFSIRQIR	209	>STK11-F298 KRLSIRQIR	288	79
>STK11-F298 KRFSIRQIRQ†	160	>STK11-F298 KRLSIRQIRQ†	201	41
>STK11-F298 KRFSIRQI	259	>STK11-F298 KRLSIRQI	244	15
>STK11-F298 KRFSIRQIR	450	>STK11-F298 KRLSIRQIR	980	530
>STK11-F298 KRFSIRQIR	34	>STK11-F298 KRLSIRQIR	64	30
>STK11-F298 KRFSIRQI	307	>STK11-F298 KRLSIRQI	1359	1052
>STK11-F298 AKRFSIRQI	457	>STK11-F298 AKRLSIRQI	1043	586
>STK11-F298 AKRFSIRQIR	239	>STK11-F298 AKRLSIRQIR	506	267
>STK11-F298 AKRFSIRQI	39	>STK11-F298 AKRLSIRQI	65	26
>STK11-F298 AKRFSIRQIR	128	>STK11-F298 AKRLSIRQIR	179	51
>STK11-F298 PAKRFSIR	372	>STK11-F298 PAKRLSIR	800	428
>STK11-F298 PAKRFSIRQIR	429	>STK11-F298 PAKRLSIRQIR	579	150
>STK11-F298 EPAKRFSIR	68	>STK11-F298 EPAKRLSIR	145	77
>STK11-F298 EPAKRFSI	70	>STK11-F298 EPAKRLSI	57	13
>STK11-F298 EPAKRFSIRQI	291	>STK11-F298 EPAKRLSIRQI	334	43

>STK11-F298 EPAKRFSI	71	>STK11-F298 EPAKRLSI	76	5
>STK11-F298 EPAKRFSIRQI	223	>STK11-F298 EPAKRLSIRQI	426	203
>STK11-F298 EPAKRFSI	139	>STK11-F298 EPAKRLSI	392	253
>STK11-F298 YEPAKRFSI	20	>STK11-F298 YEPAKRLSI	21	1
>STK11-F298 YEPAKRFSI	225	>STK11-F298 YEPAKRLSI	311	86
>STK11-F298 YEPAKRFSI	11	>STK11-F298 YEPAKRLSI	19	8
>STK11-F298 EYEPAKRFSI	290	>STK11-F298 EYEPAKRLSI	477	187
>STK11-F298 EYEPAKRF	84	>STK11-F298 EYEPAKRL	880	796
>STK11-F298 EYEPAKRFSI	234	>STK11-F298 EYEPAKRLSI	539	305
>STK11-F298 EYEPAKRFSIR	123	>STK11-F298 EYEPAKRLSIR	226	103
>STK11-F298 EYEPAKRFSIR	282	>STK11-F298 EYEPAKRLSIR	440	158
>STK11-F298 EYEPAKRFSIR	86	>STK11-F298 EYEPAKRLSIR	211	125
>STK11-F298 LEYEPAKRF	218	>STK11-F298 LEYEPAKRL	71	147
>STK11-F298 LEYEPAKRFS	249	>STK11-F298 LEYEPAKRLS	911	662
>STK11-F298 LEYEPAKRFSI	8	>STK11-F298 LEYEPAKRLSI	8	0
>STK11-F298 LEYEPAKRF	48	>STK11-F298 LEYEPAKRL	1199	1151
>STK11-F298 LEYEPAKRFSI	773	>STK11-F298 LEYEPAKRLSI	454	319
>STK11-F298 LEYEPAKRF	48	>STK11-F298 LEYEPAKRL	552	504
>STK11-F298 LEYEPAKRFSI	158	>STK11-F298 LEYEPAKRLSI	236	78
>STK11-F298 LEYEPAKRF	1170	>STK11-F298 LEYEPAKRL	151	1019
>STK11-F298 LEYEPAKRFSI	69	>STK11-F298 LEYEPAKRLSI	120	51
>STK11-F298 LEYEPAKRFSI	116	>STK11-F298 LEYEPAKRLSI	118	2
>STK11-F298 LEYEPAKRF	328	>STK11-F298 LEYEPAKRL	1820	1492
>STK11-F298 LEYEPAKRF	126	>STK11-F298 LEYEPAKRL	768	642
>STK11-F298 LEYEPAKRF	149	>STK11-F298 LEYEPAKRL	42	107
>STK11-F298 LEYEPAKRFSI	7	>STK11-F298 LEYEPAKRLSI	9	2
>STK11-F298 LEYEPAKRFSI	275	>STK11-F298 LEYEPAKRLSI	378	103
>STK11-F298 MLEYEPAKRF	13786	>STK11-F298 MLEYEPAKRL	45	13741
>STK11-F354 FDIEDDIY	45	>STK11-F354 LDIEDDIY	119	74
>STK11-F354 FDIEDDII	120	>STK11-F354 LDIEDDII	329	209
>STK11-F354 FDIEDDII	43	>STK11-F354 LDIEDDII	52	9
>STK11-F354 LFDIEDDIY	138	>STK11-F354 LLDIEDDIY	86	52
>STK11-F354 LFDIEDDI	21461	>STK11-F354 LLDIEDDI	301	21160
>STK11-F354 LFDIEDDIYT	9351	>STK11-F354 LLDIEDDIYT	94	9257
>STK11-F354 LFDIEDDII	20768	>STK11-F354 LLDIEDDII	307	20461
>STK11-F354 LFDIEDDI	18240	>STK11-F354 LLDIEDDI	157	18083
>STK11-F354 LFDIEDDII	19843	>STK11-F354 LLDIEDDII	263	19580
>STK11-F354 LFDIEDDIYT	16760	>STK11-F354 LLDIEDDIYT	231	16529
>STK11-F354 LFDIEDDI	30670	>STK11-F354 LLDIEDDI	238	30432
>STK11-F354 LFDIEDDIYT	23225	>STK11-F354 LLDIEDDIYT	139	23086
>STK11-F354 LFDIEDDIY	227	>STK11-F354 LLDIEDDIY	967	740
>STK11-F354 LFDIEDDII	1166	>STK11-F354 LLDIEDDII	245	921
>STK11-F354 LHGADEDEDI	104	>STK11-F354 LHGADEDEDI	920	816

>STK11-F354 DLFDIEDDII	201	>STK11-F354 DLLDIEDDII	633	432
>STK11-F354 DLFDIEDDI	226	>STK11-F354 DLLDIEDDI	220	6
>STK11-F354 DLFDIEDDII	403	>STK11-F354 DLLDIEDDII	390	13
>STK11-F354 DLFDIEDDI	1739	>STK11-F354 DLLDIEDDI	347	1392
>STK11-F354 DLFDIEDDII	2110	>STK11-F354 DLLDIEDDII	397	1713
>STK11-F354 DLFDIEDDI	439	>STK11-F354 DLLDIEDDI	1005	566
>STK11-F354 DLFDIEDDIY	263	>STK11-F354 DLLDIEDDIY	508	245
>STK11-F354 DLFDIEDDIY	209	>STK11-F354 DLLDIEDDIY	466	257
>STK11-F354 EDLFDIEDDI	898	>STK11-F354 EDLLDIEDDI	323	575
>STK11-F354 EDLFDIEDDII	434	>STK11-F354 EDLLDIEDDII	178	256
>STK11-F354 EDLFDIEDDI	223	>STK11-F354 EDLLDIEDDI	67	156
>STK11-F354 EDLFDIEDDII	89	>STK11-F354 EDLLDIEDDII	32	57
>STK11-F354 DEDLFDIEDD	82	>STK11-F354 DEDLLDIEDD	100	18
>STK11-F354 DEDLFDIED	303	>STK11-F354 DEDLLDIED	503	200
>STK11-F354 EDEDLFDI	76	>STK11-F354 EDEDLLDI	192	116
>STK11-F354 DEDEDLFDI	75	>STK11-F354 DEDEDLLDI	106	31
>STK11-F354 DEDEDLFDI	448	>STK11-F354 DEDEDLLDI	880	432
>STK11-F354 DEDEDLFDIEI	375	>STK11-F354 DEDEDLLDIEI	550	175
>STK11-F354 DEDEDLFDI	182	>STK11-F354 DEDEDLLDI	840	658
>STK11-F354 ADEDEDLF	4282	>STK11-F354 ADEDEDLL	150	4132
>STK11-F354 ADEDEDLFDI	31	>STK11-F354 ADEDEDLLDI	50	19
>STK11-G13 <sup>5</sup> GMQEMLDS\	16	>STK11-G13 <sup>5</sup> RMQEMLDS\	14	2
>STK11-G13 <sup>5</sup> GMQEMLDS\	8	>STK11-G13 <sup>5</sup> RMQEMLDS\	8	0
>STK11-G13 <sup>5</sup> GMQEMLDS\	4	>STK11-G13 <sup>5</sup> RMQEMLDS\	4	0
>STK11-G13 <sup>5</sup> GMQEMLDS\	10	>STK11-G13 <sup>5</sup> RMQEMLDS\	6	4
>STK11-G13 <sup>5</sup> GMQEMLDS\	3	>STK11-G13 <sup>5</sup> RMQEMLDS\	2	1
>STK11-G13 <sup>5</sup> GMQEMLDS\	2	>STK11-G13 <sup>5</sup> RMQEMLDS\	2	0
>STK11-G13 <sup>5</sup> GMQEMLDS\	9	>STK11-G13 <sup>5</sup> RMQEMLDS\	12	3
>STK11-G13 <sup>5</sup> GMQEMLDS\	7	>STK11-G13 <sup>5</sup> RMQEMLDS\	5	2
>STK11-G13 <sup>5</sup> GMQEMLDS\	2	>STK11-G13 <sup>5</sup> RMQEMLDS\	2	0
>STK11-G13 <sup>5</sup> GMQEMLDS\	4792	>STK11-G13 <sup>5</sup> RMQEMLDS\	190	4602
>STK11-G13 <sup>5</sup> MYMVMEYC'	10073	>STK11-G13 <sup>5</sup> MYMVMEYC'	12	10061
>STK11-G13 <sup>5</sup> MYMVMEYC'	10901	>STK11-G13 <sup>5</sup> MYMVMEYC'	13	10888
>STK11-G13 <sup>5</sup> MYMVMEYC'	24967	>STK11-G13 <sup>5</sup> MYMVMEYC'	15	24952
>STK11-G13 <sup>5</sup> MYMVMEYC'	26020	>STK11-G13 <sup>5</sup> MYMVMEYC'	54	25966
>STK11-G13 <sup>5</sup> CVCGMQEM	95	>STK11-G13 <sup>5</sup> CVC CRMQEM	163	68
>STK11-G13 <sup>5</sup> YCVCGMQEN	17	>STK11-G13 <sup>5</sup> YCVC CRMQEN	63	46
>STK11-G13 <sup>5</sup> YCVCGMQEN	316	>STK11-G13 <sup>5</sup> YCVC CRMQEN	1805	1489
>STK11-G13 <sup>5</sup> YCVCGMQEN	85	>STK11-G13 <sup>5</sup> YCVC CRMQEN	198	113
>STK11-G13 <sup>5</sup> EYCVCGMQE	67	>STK11-G13 <sup>5</sup> EYCV CRMQE	73	6
>STK11-G13 <sup>5</sup> EYCVCGMQE	248	>STK11-G13 <sup>5</sup> EYCV CRMQE	398	150
>STK11-G13 <sup>5</sup> MEYCVCGM	120	>STK11-G13 <sup>5</sup> MEYCV CRM	222	102
>STK11-G13 <sup>5</sup> MEYCVCGMC	424	>STK11-G13 <sup>5</sup> MEYCV CRM C	439	15

>STK11-G13 <sup>5</sup> MEYCVCGMC	33	>STK11-G13 <sup>5</sup> MEYCVCRM	22	11
>STK11-G13 <sup>5</sup> MEYCVCGM	292	>STK11-G13 <sup>5</sup> MEYCVCRM	280	12
>STK11-G13 <sup>5</sup> MEYCVCGMC	162	>STK11-G13 <sup>5</sup> MEYCVCRM	100	62
>STK11-G13 <sup>5</sup> MEYCVCGM	108	>STK11-G13 <sup>5</sup> MEYCVCRM	228	120
>STK11-G13 <sup>5</sup> MEYCVCGMC	49	>STK11-G13 <sup>5</sup> MEYCVCRM	59	10
>STK11-G13 <sup>5</sup> MEYCVCGMC	419	>STK11-G13 <sup>5</sup> MEYCVCRM	872	453
>STK11-G13 <sup>5</sup> MEYCVCGM	92	>STK11-G13 <sup>5</sup> MEYCVCRM	257	165
>STK11-G13 <sup>5</sup> MEYCVCGMC	62	>STK11-G13 <sup>5</sup> MEYCVCRM	171	109
>STK11-G13 <sup>5</sup> MEYCVCGM	291	>STK11-G13 <sup>5</sup> MEYCVCRM	510	219
>STK11-G13 <sup>5</sup> MEYCVCGMC	217	>STK11-G13 <sup>5</sup> MEYCVCRM	232	15
>STK11-G13 <sup>5</sup> MEYCVCGMC	281	>STK11-G13 <sup>5</sup> MEYCVCRM	181	100
>STK11-G13 <sup>5</sup> MEYCVCGM	201	>STK11-G13 <sup>5</sup> MEYCVCRM	191	10
>STK11-G13 <sup>5</sup> MEYCVCGMC	1043	>STK11-G13 <sup>5</sup> MEYCVCRM	446	597
>STK11-G13 <sup>5</sup> MEYCVCGMC	181	>STK11-G13 <sup>5</sup> MEYCVCRM	145	36
>STK11-G13 <sup>5</sup> MEYCVCGMC	855	>STK11-G13 <sup>5</sup> MEYCVCRM	412	443
>STK11-G13 <sup>5</sup> MEYCVCGMC	438	>STK11-G13 <sup>5</sup> MEYCVCRM	420	18
>STK11-G13 <sup>5</sup> MEYCVCGMC	131	>STK11-G13 <sup>5</sup> MEYCVCRM	149	18
>STK11-G13 <sup>5</sup> MEYCVCGM	383	>STK11-G13 <sup>5</sup> MEYCVCRM	1346	963
>STK11-G13 <sup>5</sup> MEYCVCGMC	21	>STK11-G13 <sup>5</sup> MEYCVCRM	35	14
>STK11-G13 <sup>5</sup> VMEYCVCGM	392	>STK11-G13 <sup>5</sup> VMEYCVCRM	1707	1315
>STK11-G13 <sup>5</sup> VMEYCVCGM	361	>STK11-G13 <sup>5</sup> VMEYCVCRM	312	49
>STK11-G13 <sup>5</sup> VMEYCVCG	19522	>STK11-G13 <sup>5</sup> VMEYCVCR	71	19451
>STK11-G13 <sup>5</sup> VMEYCVCG	35579	>STK11-G13 <sup>5</sup> VMEYCVCR	348	35231
>STK11-G13 <sup>5</sup> MVMEYCVCC	118	>STK11-G13 <sup>5</sup> MVMEYCVCF	257	139
>STK11-G13 <sup>5</sup> MVMEYCVCC	165	>STK11-G13 <sup>5</sup> MVMEYCVCF	224	59
>STK11-G13 <sup>5</sup> MVMEYCVCC	182	>STK11-G13 <sup>5</sup> MVMEYCVCF	486	304
>STK11-G13 <sup>5</sup> MVMEYCVCC	92	>STK11-G13 <sup>5</sup> MVMEYCVCF	221	129
>STK11-G13 <sup>5</sup> MVMEYCVCC	191	>STK11-G13 <sup>5</sup> MVMEYCVCF	273	82
>STK11-G13 <sup>5</sup> MVMEYCVCC	52	>STK11-G13 <sup>5</sup> MVMEYCVCF	113	61
>STK11-G13 <sup>5</sup> MVMEYCVCC	452	>STK11-G13 <sup>5</sup> MVMEYCVCF	373	79
>STK11-G13 <sup>5</sup> MVMEYCVCC	12391	>STK11-G13 <sup>5</sup> MVMEYCVCF	71	12320
>STK11-G13 <sup>5</sup> MVMEYCVCC	234	>STK11-G13 <sup>5</sup> MVMEYCVCF	245	11
>STK11-G13 <sup>5</sup> MVMEYCVCC	9877	>STK11-G13 <sup>5</sup> MVMEYCVCF	29	9848
>STK11-G13 <sup>5</sup> MVMEYCVCC	14652	>STK11-G13 <sup>5</sup> MVMEYCVCF	19	14633
>STK11-G13 <sup>5</sup> MVMEYCVCC	6073	>STK11-G13 <sup>5</sup> MVMEYCVCF	3	6070
>STK11-G13 <sup>5</sup> MVMEYCVCC	98	>STK11-G13 <sup>5</sup> MVMEYCVCF	213	115
>STK11-G13 <sup>5</sup> MVMEYCVCC	191	>STK11-G13 <sup>5</sup> MVMEYCVCF	204	13
>STK11-G13 <sup>5</sup> MVMEYCVCC	28	>STK11-G13 <sup>5</sup> MVMEYCVCF	62	34
>STK11-G13 <sup>5</sup> MVMEYCVCC	166	>STK11-G13 <sup>5</sup> MVMEYCVCF	220	54
>STK11-G13 <sup>5</sup> MVMEYCVCC	127	>STK11-G13 <sup>5</sup> MVMEYCVCF	108	19
>STK11-G13 <sup>5</sup> MVMEYCVCC	431	>STK11-G13 <sup>5</sup> MVMEYCVCF	615	184
>STK11-G13 <sup>5</sup> YMVMEYCV	339	>STK11-G13 <sup>5</sup> YMVMEYCV	208	131
>STK11-G13 <sup>5</sup> YMVMEYCV	89	>STK11-G13 <sup>5</sup> YMVMEYCV	108	19

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>STK11-G13 <sup>E</sup> YMVMEYCVC	32	>STK11-G13 <sup>E</sup> YMVMEYCVC	66	34
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>STK11-G13 <sup>E</sup> YMVMEYCVC	9	>STK11-G13 <sup>E</sup> YMVMEYCVC	12	3
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>STK11-G13 <sup>E</sup> YMVMEYCVC	55	>STK11-G13 <sup>E</sup> YMVMEYCVC	128	73
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>STK11-G13 <sup>E</sup> YMVMEYCVC	25957	>STK11-G13 <sup>E</sup> YMVMEYCVC	85	25872
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>STK11-G13 <sup>E</sup> YMVMEYCVC	31251	>STK11-G13 <sup>E</sup> YMVMEYCVC	42	31209
>STK11-G13 <sup>E</sup> YMVMEYCVC	37	>STK11-G13 <sup>E</sup> YMVMEYCVC	47	10
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>STK11-G13 <sup>E</sup> YMVMEYCVC	33308	>STK11-G13 <sup>E</sup> YMVMEYCVC	111	33197
>STK11-G16 <sup>E</sup> GLEYLHSQGI <sup>I</sup>	410	>STK11-G16 <sup>E</sup> CLEYLHSQGI <sup>I</sup>	1024	614
>STK11-G16 <sup>E</sup> GLEYLHSQGI <sup>I</sup>	393	>STK11-G16 <sup>E</sup> CLEYLHSQGI <sup>I</sup>	1059	666
>STK11-G16 <sup>E</sup> GLEYLHSQGI	248	>STK11-G16 <sup>E</sup> CLEYLHSQGI	1486	1238
>STK11-G16 <sup>E</sup> GLEYLHSQGI <sup>I</sup>	252	>STK11-G16 <sup>E</sup> CLEYLHSQGI <sup>I</sup>	1552	1300
>STK11-G16 <sup>E</sup> GLEYLHSQGI	439	>STK11-G16 <sup>E</sup> CLEYLHSQGI	2458	2019
>STK11-G16 <sup>E</sup> GLEYLHSQGI <sup>I</sup>	39	>STK11-G16 <sup>E</sup> CLEYLHSQGI <sup>I</sup>	162	123
>STK11-G16 <sup>E</sup> DGLEYLHSQGI	252	>STK11-G16 <sup>E</sup> DCLEYLHSQGI	55	197
>STK11-G16 <sup>E</sup> LIDGLEYL	149	>STK11-G16 <sup>E</sup> LIDCLEYL	102	47
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>STK11-G16 <sup>E</sup> LIDGLEYL	86	>STK11-G16 <sup>E</sup> LIDCLEYL	95	9
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>STK11-G16 <sup>E</sup> LIDGLEYL	100	>STK11-G16 <sup>E</sup> LIDCLEYL	425	325
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>STK11-G16 <sup>E</sup> QLIDGLEYLH <sup>S</sup>	1151	>STK11-G16 <sup>E</sup> QLIDCLEYLH <sup>S</sup>	425	726
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>STK11-G16 <sup>E</sup> QLIDGLEYL	4	>STK11-G16 <sup>E</sup> QLIDCLEYL	5	1
>STK11-G16 <sup>E</sup> QLIDGLEYLH <sup>S</sup>	314	>STK11-G16 <sup>E</sup> QLIDCLEYLH <sup>S</sup>	393	79
>STK11-G16 <sup>E</sup> QLIDGLEYL	3	>STK11-G16 <sup>E</sup> QLIDCLEYL	8	5
>STK11-G16 <sup>E</sup> QLIDGLEYL	5	>STK11-G16 <sup>E</sup> QLIDCLEYL	5	0
>STK11-G16 <sup>E</sup> QLIDGLEYL	38	>STK11-G16 <sup>E</sup> QLIDCLEYL	96	58
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>STK11-G163GLEYLHSQGI\	410	>STK11-G163DLEYLHSQGI\	6870	6460
>STK11-G163GLEYLHSQGI\	393	>STK11-G163DLEYLHSQGI\	8346	7953
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>STK11-G163 LIDGLEYL	20	>STK11-G163 LIDDLEYL	14	6
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>STK11-G163 QLIDGLEYL	5	>STK11-G163 QLIDDLEYL	4	1
>STK11-G163 QLIDGLEYL	38	>STK11-G163 QLIDDLEYL	56	18
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>STK11-G163 CQLIDGLEY	349	>STK11-G163 CQLIDDLEY	733	384
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>STK11-G163 FCQLIDGLEY	259	>STK11-G163 FCQLIDDLEY	243	16
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>STK11-G16EYFCQLIDGLE\	421	>STK11-G16EYFCQLIDDLE\	723	302
>STK11-G16EYFCQLIDGLE\	410	>STK11-G16EYFCQLIDDLE\	637	227
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>STK11-G17IYLHSQGIVHK	75	>STK11-G17IYLHSQSIVHK	70	5
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>STK11-G17IYLHSQGIVHK	622	>STK11-G17IYLHSQSIVHK	273	349
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>STK11-G17IYLHSQGIVH	579	>STK11-G17IYLHSQSIVH	338	241
>STK11-G17IYLHSQGIV	503	>STK11-G17IYLHSQSIV	418	85
>STK11-G17IYLHSQGIVH	345	>STK11-G17IYLHSQSIVH	551	206
>STK11-G17IYLHSQGIV	1026	>STK11-G17IYLHSQSIV	168	858
>STK11-G17IYLHSQGIVH	495	>STK11-G17IYLHSQSIVH	547	52
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>STK11-G171EYLHSQGI	626	>STK11-G171EYLHSQSI	62	564
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>STK11-G171EYLHSQGIVH	175	>STK11-G171EYLHSQSIVHI	149	26
>STK11-G171LEYLHSQGI	8	>STK11-G171LEYLHSQSI	6	2
>STK11-G171LEYLHSQGIV	14	>STK11-G171LEYLHSQSIV	13	1
>STK11-G171LEYLHSQGI	1297	>STK11-G171LEYLHSQSI	280	1017
>STK11-G171LEYLHSQGIV	2246	>STK11-G171LEYLHSQSIV	333	1913
>STK11-G171LEYLHSQGI	490	>STK11-G171LEYLHSQSI	139	351
>STK11-G171LEYLHSQGIVI	208	>STK11-G171LEYLHSQSIVH	201	7
>STK11-G171LEYLHSQGI	123	>STK11-G171LEYLHSQSI	111	12
>STK11-G171LEYLHSQGI	188	>STK11-G171LEYLHSQSI	56	132
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>STK11-G171LEYLHSQGI	379	>STK11-G171LEYLHSQSI	375	4
>STK11-G171LEYLHSQGI	5	>STK11-G171LEYLHSQSI	6	1
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>STK11-G171GLEYLHSQGI\	410	>STK11-G171GLEYLHSQSIV\	160	250
>STK11-G171GLEYLHSQGI\	393	>STK11-G171GLEYLHSQSIV\	205	188
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>STK11-G171GLEYLHSQGI\	252	>STK11-G171GLEYLHSQSIV\	89	163
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>STK11-G171GLEYLHSQGI\	39	>STK11-G171GLEYLHSQSIV\	15	24
>STK11-G171GLEYLHSQGI\	1669	>STK11-G171GLEYLHSQSIV\	333	1336
>STK11-G171DGLEYLHSQGI	252	>STK11-G171DGLEYLHSQSIV	461	209
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>STK11-G18C HKDIKPGNLL	1516	>STK11-G18C HKDIKPVNLL	467	1049
>STK11-G18C HKDIKPGNLL	570	>STK11-G18C HKDIKPVNLLI	331	239
>STK11-G18C IVHKDIKPG	19370	>STK11-G18C IVHKDIKPV	66	19304
>STK11-G18C IVHKDIKPG	23918	>STK11-G18C IVHKDIKPV	402	23516
>STK11-G18C IVHKDIKPG	25663	>STK11-G18C IVHKDIKPV	142	25521
>STK11-G18C IVHKDIKPG	33788	>STK11-G18C IVHKDIKPV	80	33708
>STK11-G18C GIVHKDIKPG	25008	>STK11-G18C GIVHKDIKPV	461	24547
>STK11-G18C GIVHKDIKPG	27642	>STK11-G18C GIVHKDIKPV	404	27238
>STK11-G18C GIVHKDIKPG	21016	>STK11-G18C GIVHKDIKPV	335	20681
>STK11-G18C GIVHKDIKPG	34952	>STK11-G18C GIVHKDIKPV	187	34765
>STK11-G19€ GVAEALHPFA	159	>STK11-G19€ VVAEALHPFA	131	28
>STK11-G19€ GVAEALHPFA	73	>STK11-G19€ VVAEALHPFA	81	8
>STK11-G19€ GVAEALHPFA	33	>STK11-G19€ VVAEALHPFA	29	4
>STK11-G19€ GVAEALHPF	23	>STK11-G19€ VVAEALHPF	17	6

>STK11-G19€GVAEALHPFA	26	>STK11-G19€VVAEALHPFA	15	11
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>STK11-G19€GVAEALHPFA	74	>STK11-G19€VVAEALHPFA	81	7
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>STK11-G19€GVAEALHPFA	683	>STK11-G19€VVAEALHPFA	256	427
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>STK11-G19€GVAEALHPFA	709	>STK11-G19€VVAEALHPFA	143	566
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>STK11-G19€GVAEALHPF	95	>STK11-G19€VVAEALHPF	78	17
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>STK11-G19€GVAEALHPF	227	>STK11-G19€VVAEALHPF	63	164
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>STK11-G19€GVAEALHPF	3354	>STK11-G19€VVAEALHPF	285	3069
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>STK11-G19€LGVAEALHPF	3645	>STK11-G19€LVVAEALHPF	40	3605
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>STK11-G19€DLGVAEALHF	2131	>STK11-G19€DLVVAEALHF	104	2027
>STK11-G19€DLGVAEALHF	2051	>STK11-G19€DLVVAEALHF	352	1699
>STK11-G19€SDLGVAEAL	281	>STK11-G19€SDLVVAEAL	84	197
>STK11-G19€ISDLGVAEAL	33	>STK11-G19€ISDLVVAEAL	113	80
>STK11-G19€KISDLGVA	3897	>STK11-G19€KISDLVVA	414	3483
>STK11-G19€KISDLGVAEAI	562	>STK11-G19€KISDLVVAEAI	189	373
>STK11-G19€KISDLGVA	813	>STK11-G19€KISDLVVA	123	690
>STK11-G19€KISDLGVAEA	429	>STK11-G19€KISDLVVAEA	247	182
>STK11-G19€KISDLGVAEAI	14	>STK11-G19€KISDLVVAEAI	10	4
>STK11-G19€KISDLGVA	167	>STK11-G19€KISDLVVA	81	86
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>STK11-G19€KISDLGVA	678	>STK11-G19€KISDLVVA	111	567
>STK11-G19€KISDLGVAEA	569	>STK11-G19€KISDLVVAEA	329	240
>STK11-G19€KISDLGVAEAI	68	>STK11-G19€KISDLVVAEAI	37	31

>STK11-G19€ KISDLGVAAEA	324	>STK11-G19€ KISDLVVAEA	100	224
>STK11-G19€ KISDLGVAAEA/	114	>STK11-G19€ KISDLVVAEAI	77	37
>STK11-G19€ KISDLGVAAEA/	956	>STK11-G19€ KISDLVVAEAI	493	463
>STK11-G19€ KISDLGVAAEA	699	>STK11-G19€ KISDLVVAEA	304	395
>STK11-G19€ KISDLGVAAEA/	832	>STK11-G19€ KISDLVVAEAI	479	353
>STK11-G19€ KISDLGVA	1975	>STK11-G19€ KISDLVVA	322	1653
>STK11-G19€ KISDLGVAAEA	136	>STK11-G19€ KISDLVVAEA	104	32
>STK11-G19€ KISDLGVAAEA/	201	>STK11-G19€ KISDLVVAEAI	152	49
>STK11-G19€ KISDLGVAAEA/	38	>STK11-G19€ KISDLVVAEAI	26	12
>STK11-G19€ LKISDLGV	189	>STK11-G19€ LKISDLVV	32	157
>STK11-G19€ LKISDLGVA	1637	>STK11-G19€ LKISDLVVA	71	1566
>STK11-G19€ LKISDLGVAAE/	474	>STK11-G19€ LKISDLVVAE/	187	287
>STK11-G19€ TLKISDLG	12901	>STK11-G19€ TLKISDLV	109	12792
>STK11-G19€ TLKISDLG	16507	>STK11-G19€ TLKISDLV	37	16470
>STK11-G19€ TLKISDLGV	70	>STK11-G19€ TLKISDLVV	204	134
>STK11-G19€ TLKISDLGVA	134	>STK11-G19€ TLKISDLVVA	236	102
>STK11-G19€ TLKISDLGV	458	>STK11-G19€ TLKISDLVV	961	503
>STK11-G19€ TLKISDLG	26493	>STK11-G19€ TLKISDLV	16	26477
>STK11-G19€ TLKISDLGV	9	>STK11-G19€ TLKISDLVV	21	12
>STK11-G19€ TLKISDLGVA	1877	>STK11-G19€ TLKISDLVVA	470	1407
>STK11-G19€ GTLKISDLG	17024	>STK11-G19€ GTLKISDLV	105	16919
>STK11-G19€ GTLKISDLGV	274	>STK11-G19€ GTLKISDLVV	707	433
>STK11-G19€ GTLKISDLG	25063	>STK11-G19€ GTLKISDLV	190	24873
>STK11-G19€ GTLKISDLGV	152	>STK11-G19€ GTLKISDLVV	437	285
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>STK11-G19€ GTLKISDLGV	186	>STK11-G19€ GTLKISDLVV	411	225
>STK11-G19€ GTLKISDLG	23524	>STK11-G19€ GTLKISDLV	428	23096
>STK11-G19€ GTLKISDLGV	275	>STK11-G19€ GTLKISDLVV	634	359
>STK11-G19€ GTLKISDLG	22247	>STK11-G19€ GTLKISDLV	51	22196
>STK11-G19€ GTLKISDLGV	38	>STK11-G19€ GTLKISDLVV	84	46
>STK11-G19€ GTLKISDLG	19768	>STK11-G19€ GTLKISDLV	449	19319
>STK11-G19€ GTLKISDLG	765	>STK11-G19€ GTLKISDLV	31	734
>STK11-G19€ GTLKISDLGV/	328	>STK11-G19€ GTLKISDLVV/	671	343
>STK11-G21€ GSPAFQPPEI	54	>STK11-G21€ DSPAFQPPEI	510	456
>STK11-G21€ GSPAFQPPEI/	428	>STK11-G21€ DSPAFQPPEI/	5457	5029
>STK11-G21€ GSPAFQPPEI	57	>STK11-G21€ DSPAFQPPEI	116	59
>STK11-G21€ QGSPAFQPPI	16480	>STK11-G21€ QDSPAFQPPI	196	16284
>STK11-G21€ TSQGSPAF	232	>STK11-G21€ TSQDSPAF	190	42
>STK11-G21€ TSQGSPAF	235	>STK11-G21€ TSQDSPAF	123	112
>STK11-G21€ TSQGSPAF	9	>STK11-G21€ TSQDSPAF	12	3
>STK11-G21€ TSQGSPAF	543	>STK11-G21€ TSQDSPAF	482	61
>STK11-G21€ TSQGSPAF	132	>STK11-G21€ TSQDSPAF	186	54
>STK11-G21€ RTSQGSPAF	367	>STK11-G21€ RTSQDSPAF	538	171

>STK11-G21 <sup>5</sup> RTSQGSPAF	665	>STK11-G21 <sup>5</sup> RTSQDSPAF	376	289
>STK11-G21 <sup>5</sup> RTSQGSPA	85	>STK11-G21 <sup>5</sup> RTSQDSPA	426	341
>STK11-G21 <sup>5</sup> RTSQGSPAFC	194	>STK11-G21 <sup>5</sup> RTSQDSPAF	581	387
>STK11-G21 <sup>5</sup> RTSQGSPAF	430	>STK11-G21 <sup>5</sup> RTSQDSPAF	631	201
>STK11-G21 <sup>5</sup> RTSQGSPAF	31	>STK11-G21 <sup>5</sup> RTSQDSPAF	37	6
>STK11-G21 <sup>5</sup> RTSQGSPAF	32	>STK11-G21 <sup>5</sup> RTSQDSPAF	42	10
>STK11-G21 <sup>5</sup> RTSQGSPAF	20	>STK11-G21 <sup>5</sup> RTSQDSPAF	17	3
>STK11-G21 <sup>5</sup> RTSQGSPA	150	>STK11-G21 <sup>5</sup> RTSQDSPA	764	614
>STK11-G21 <sup>5</sup> RTSQGSPAF	3	>STK11-G21 <sup>5</sup> RTSQDSPAF	5	2
>STK11-G21 <sup>5</sup> RTSQGSPAFC	152	>STK11-G21 <sup>5</sup> RTSQDSPAF	564	412
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>STK11-G21 <sup>5</sup> RTSQGSPAF	26	>STK11-G21 <sup>5</sup> RTSQDSPAF	35	9
>STK11-G21 <sup>5</sup> RTSQGSPAF	17	>STK11-G21 <sup>5</sup> RTSQDSPAF	52	35
>STK11-G21 <sup>5</sup> RTSQGSPAFC	159	>STK11-G21 <sup>5</sup> RTSQDSPAF	245	86
>STK11-G21 <sup>5</sup> CRTSQGSPAF	19	>STK11-G21 <sup>5</sup> CRTSQDSPA	47	28
>STK11-G21 <sup>5</sup> CRTSQGSPAF	170	>STK11-G21 <sup>5</sup> CRTSQDSPA	349	179
>STK11-G21 <sup>5</sup> TCRTSQGSPA	172	>STK11-G21 <sup>5</sup> TCRTSQDSPA	594	422
>STK11-G21 <sup>5</sup> TCRTSQGSPA	163	>STK11-G21 <sup>5</sup> TCRTSQDSPA	144	19
>STK11-G24 <sup>2</sup> GVTLYNITTGI	408	>STK11-G24 <sup>2</sup> RVTLYNITTGI	544	136
>STK11-G24 <sup>2</sup> GVTLYNITTGI	622	>STK11-G24 <sup>2</sup> RVTLYNITTGI	204	418
>STK11-G24 <sup>2</sup> GVTLYNITTGI	2888	>STK11-G24 <sup>2</sup> RVTLYNITTGI	135	2753
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>STK11-G24 <sup>2</sup> AGVTLYNI	23412	>STK11-G24 <sup>2</sup> ARVTLYNI	125	23287
>STK11-G24 <sup>2</sup> SGFKVDIWSA	19189	>STK11-G24 <sup>2</sup> SGFKVDIWSA	114	19075
>STK11-G24 <sup>2</sup> SGFKVDIWSA	34319	>STK11-G24 <sup>2</sup> SGFKVDIWSA	73	34246
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>STK11-G24 <sup>2</sup> SAGVTLYN	13407	>STK11-G24 <sup>2</sup> SARVTLYN	191	13216
>STK11-G24 <sup>2</sup> SAGVTLYNI	7852	>STK11-G24 <sup>2</sup> SARVTLYNI	15	7837
>STK11-G24 <sup>2</sup> SAGVTLYNIT	15278	>STK11-G24 <sup>2</sup> SARVTLYNIT	295	14983
>STK11-G24 <sup>2</sup> SAGVTLYNITI	13745	>STK11-G24 <sup>2</sup> SARVTLYNITI	139	13606
>STK11-G24 <sup>2</sup> SAGVTLYNI	7373	>STK11-G24 <sup>2</sup> SARVTLYNI	386	6987
>STK11-G24 <sup>2</sup> SAGVTLYNI	441	>STK11-G24 <sup>2</sup> SARVTLYNI	404	37
>STK11-G24 <sup>2</sup> WSAGVTLYN	1184	>STK11-G24 <sup>2</sup> WSARVTLYNI	359	825
>STK11-G24 <sup>2</sup> WSAGVTLY	24	>STK11-G24 <sup>2</sup> WSARVTLY	18	6
>STK11-G24 <sup>2</sup> WSAGVTLYN	271	>STK11-G24 <sup>2</sup> WSARVTLYNI	975	704
>STK11-G24 <sup>2</sup> WSAGVTLY	385	>STK11-G24 <sup>2</sup> WSARVTLY	968	583
>STK11-G24 <sup>2</sup> WSAGVTLY	19	>STK11-G24 <sup>2</sup> WSARVTLY	61	42
>STK11-G24 <sup>2</sup> WSAGVTLY	242	>STK11-G24 <sup>2</sup> WSARVTLY	483	241
>STK11-G24 <sup>2</sup> WSAGVTLY	459	>STK11-G24 <sup>2</sup> WSARVTLY	628	169
>STK11-G24 <sup>2</sup> WSAGVTLYN	95	>STK11-G24 <sup>2</sup> WSARVTLYNI	123	28
>STK11-G24 <sup>2</sup> WSAGVTLYN	252	>STK11-G24 <sup>2</sup> WSARVTLYNI	362	110
>STK11-G24 <sup>2</sup> WSAGVTLY	620	>STK11-G24 <sup>2</sup> WSARVTLY	311	309
>STK11-G24 <sup>2</sup> WSAGVTLY	189	>STK11-G24 <sup>2</sup> WSARVTLY	216	27

>STK11-G242WSAGVTLY	831	>STK11-G242WSARVTLY	216	615
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>STK11-G242IWSAGVTLYN	467	>STK11-G242IWSARVTLYN	492	25
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>STK11-G242IWSAGVTLYN	292	>STK11-G242IWSARVTLYN	176	116
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>STK11-G242IWSAGVTLYN	454	>STK11-G242IWSARVTLYN	759	305
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>STK11-G242IWSAGVTLY	478	>STK11-G242IWSARVTLY	485	7
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>STK11-G242DIWSAGVTL	828	>STK11-G242DIWSARVTL	479	349
>STK11-G242DIWSAGVTL	117	>STK11-G242DIWSARVTL	148	31
>STK11-G242VDIWSAGVTI	304	>STK11-G242VDIWSARVTI	737	433
>STK11-G242VDIWSAGVTI	391	>STK11-G242VDIWSARVTI	749	358
>STK11-G242VDIWSAGV	171	>STK11-G242VDIWSARV	227	56
>STK11-G242VDIWSAGVTI	421	>STK11-G242VDIWSARVTI	990	569
>STK11-G242KVDIWSAGV	42	>STK11-G242KVDIWSARV	53	11
>STK11-G242KVDIWSAGV	473	>STK11-G242KVDIWSARV	697	224
>STK11-G242KVDIWSAGV	212	>STK11-G242KVDIWSARV	496	284
>STK11-G242KVDIWSAGV	12	>STK11-G242KVDIWSARV	43	31
>STK11-G242KVDIWSAGV	142	>STK11-G242KVDIWSARV	275	133
>STK11-G242KVDIWSAGV	5	>STK11-G242KVDIWSARV	7	2
>STK11-G242KVDIWSAGV	88	>STK11-G242KVDIWSARV	242	154
>STK11-G242KVDIWSAGV	16	>STK11-G242KVDIWSARV	86	70
>STK11-G242KVDIWSAGV	307	>STK11-G242KVDIWSARV	1010	703
>STK11-G242KVDIWSAGV	12	>STK11-G242KVDIWSARV	24	12
>STK11-G242KVDIWSAGV	153	>STK11-G242KVDIWSARV	485	332
>STK11-G242KVDIWSAGV	11	>STK11-G242KVDIWSARV	39	28
>STK11-G242KVDIWSAGV	10	>STK11-G242KVDIWSARV	10	0

>STK11-G242KVDIWSAGV	471	>STK11-G242KVDIWSARV	397	74
>STK11-G242KVDIWSAG	17748	>STK11-G242KVDIWSAR	33	17715
>STK11-G242KVDIWSAGV	97	>STK11-G242KVDIWSARV	87	10
>STK11-G242KVDIWSAGV	14	>STK11-G242KVDIWSARV	62	48
>STK11-G242KVDIWSAGV	153	>STK11-G242KVDIWSARV	359	206
>STK11-G242KVDIWSAG	34927	>STK11-G242KVDIWSAR	289	34638
>STK11-G242FKVDIWSAG\	105	>STK11-G242FKVDIWSAR\	277	172
>STK11-G242FKVDIWSAG\	70	>STK11-G242FKVDIWSAR\	101	31
>STK11-G242FKVDIWSAG\	65	>STK11-G242FKVDIWSAR\	54	11
>STK11-G242FKVDIWSAG	34409	>STK11-G242FKVDIWSAR	100	34309
>STK11-G242FKVDIWSAG	2798	>STK11-G242FKVDIWSAR	177	2621
>STK11-G242FKVDIWSAG\	278	>STK11-G242FKVDIWSAR\	375	97
>STK11-G242FKVDIWSAG\	443	>STK11-G242FKVDIWSAR\	548	105
>STK11-G242GFKVDIWSA(	26385	>STK11-G242GFKVDIWSAF	150	26235
>STK11-G242GVTLYNITTGI	408	>STK11-G242VVTLYNITTGI	524	116
>STK11-G242GVTLYNITTGI	622	>STK11-G242VVTLYNITTGI	314	308
>STK11-G242GVTLYNITTGI	1599	>STK11-G242VVTLYNITTGI	487	1112
>STK11-G242AGVTLYNI	3726	>STK11-G242AVVTLYNI	279	3447
>STK11-G242AGVTLYNI	11624	>STK11-G242AVVTLYNI	329	11295
>STK11-G242AGVTLYNI	6500	>STK11-G242AVVTLYNI	133	6367
>STK11-G242AGVTLYNI	30461	>STK11-G242AVVTLYNI	395	30066
>STK11-G242AGVTLYNI	18323	>STK11-G242AVVTLYNI	389	17934
>STK11-G242AGVTLYNI	9085	>STK11-G242AVVTLYNI	158	8927
>STK11-G242SGFKVDIWSA	18653	>STK11-G242SGFKVDIWSA	389	18264
>STK11-G242SGFKVDIWSA	24336	>STK11-G242SGFKVDIWSA	434	23902
>STK11-G242SGFKVDIWSA	24672	>STK11-G242SGFKVDIWSA	277	24395
>STK11-G242SGFKVDIWSA	14503	>STK11-G242SGFKVDIWSA	185	14318
>STK11-G242SGFKVDIWSA	4900	>STK11-G242SGFKVDIWSA	392	4508
>STK11-G242SAGVTLYNI	2083	>STK11-G242SAVVTLYNI	123	1960
>STK11-G242SAGVTLYNI	4245	>STK11-G242SAVVTLYNI	445	3800
>STK11-G242SAGVTLYNI	3653	>STK11-G242SAVVTLYNI	314	3339
>STK11-G242SAGVTLYNI	1511	>STK11-G242SAVVTLYNI	445	1066
>STK11-G242SAGVTLYNI	441	>STK11-G242SAVVTLYNI	504	63
>STK11-G242WSAGVTLY	24	>STK11-G242WSAVVTLY	17	7
>STK11-G242WSAGVTLYN	271	>STK11-G242WSAVVTLYNI	574	303
>STK11-G242WSAGVTLY	385	>STK11-G242WSAVVTLY	1210	825
>STK11-G242WSAGVTLY	19	>STK11-G242WSAVVTLY	42	23
>STK11-G242WSAGVTLY	242	>STK11-G242WSAVVTLY	261	19
>STK11-G242WSAGVTLY	459	>STK11-G242WSAVVTLY	508	49
>STK11-G242WSAGVTLYN	95	>STK11-G242WSAVVTLYNI	192	97
>STK11-G242WSAGVTLYN	252	>STK11-G242WSAVVTLYNI	339	87
>STK11-G242WSAGVTLY	620	>STK11-G242WSAVVTLY	479	141
>STK11-G242WSAGVTLY	189	>STK11-G242WSAVVTLY	260	71

>STK11-G242WSAGVTLY	831	>STK11-G242WSAVVTLY	333	498
>STK11-G242WSAGVTLY	13	>STK11-G242WSAVVTLY	19	6
>STK11-G242WSAGVTLYN	370	>STK11-G242WSAVVTLYN	399	29
>STK11-G242WSAGVTLY	100	>STK11-G242WSAVVTLY	145	45
>STK11-G242WSAGVTLY	44	>STK11-G242WSAVVTLY	30	14
>STK11-G242WSAGVTLYN	88	>STK11-G242WSAVVTLYN	74	14
>STK11-G242WSAGVTLY	15	>STK11-G242WSAVVTLY	10	5
>STK11-G242WSAGVTLYN	437	>STK11-G242WSAVVTLYN	278	159
>STK11-G242WSAGVTLY	60	>STK11-G242WSAVVTLY	79	19
>STK11-G242WSAGVTLYN	101	>STK11-G242WSAVVTLYN	99	2
>STK11-G242IWSAGVTL	1384	>STK11-G242IWSAVVTL	354	1030
>STK11-G242IWSAGVTLYN	467	>STK11-G242IWSAVVTLYN	180	287
>STK11-G242IWSAGVTLYN	268	>STK11-G242IWSAVVTLYN	177	91
>STK11-G242IWSAGVTL	554	>STK11-G242IWSAVVTL	250	304
>STK11-G242IWSAGVTLYN	292	>STK11-G242IWSAVVTLYN	169	123
>STK11-G242IWSAGVTL	217	>STK11-G242IWSAVVTL	131	86
>STK11-G242IWSAGVTLYN	454	>STK11-G242IWSAVVTLYN	362	92
>STK11-G242IWSAGVTLY	25	>STK11-G242IWSAVVTLY	60	35
>STK11-G242IWSAGVTLY	115	>STK11-G242IWSAVVTLY	194	79
>STK11-G242IWSAGVTLY	478	>STK11-G242IWSAVVTLY	328	150
>STK11-G242IWSAGVTLY	366	>STK11-G242IWSAVVTLY	203	163
>STK11-G242IWSAGVTL	254	>STK11-G242IWSAVVTL	181	73
>STK11-G242IWSAGVTLY	512	>STK11-G242IWSAVVTLY	499	13
>STK11-G242IWSAGVTLYN	341	>STK11-G242IWSAVVTLYN	291	50
>STK11-G242DIWSAGVTL	1472	>STK11-G242DIWSAVVTL	316	1156
>STK11-G242DIWSAGVTL	787	>STK11-G242DIWSAVVTL	217	570
>STK11-G242DIWSAGVTL	2022	>STK11-G242DIWSAVVTL	84	1938
>STK11-G242DIWSAGVTLY	710	>STK11-G242DIWSAVVTLY	458	252
>STK11-G242DIWSAGVTLY	523	>STK11-G242DIWSAVVTLY	216	307
>STK11-G242DIWSAGVTLY	353	>STK11-G242DIWSAVVTLY	490	137
>STK11-G242DIWSAGVTLY	183	>STK11-G242DIWSAVVTLY	144	39
>STK11-G242DIWSAGVTL	828	>STK11-G242DIWSAVVTL	138	690
>STK11-G242DIWSAGVTLY	1172	>STK11-G242DIWSAVVTLY	498	674
>STK11-G242DIWSAGVTL	117	>STK11-G242DIWSAVVTL	41	76
>STK11-G242VDIWSAGVTI	304	>STK11-G242VDIWSAVVTI	474	170
>STK11-G242VDIWSAGVTI	391	>STK11-G242VDIWSAVVTI	527	136
>STK11-G242VDIWSAGV	171	>STK11-G242VDIWSAVV	131	40
>STK11-G242VDIWSAGVTI	421	>STK11-G242VDIWSAVVTI	366	55
>STK11-G242KVDIWSAG	21319	>STK11-G242KVDIWSAV	137	21182
>STK11-G242KVDIWSAGV	42	>STK11-G242KVDIWSAVV	99	57
>STK11-G242KVDIWSAGV	563	>STK11-G242KVDIWSAVV	202	361
>STK11-G242KVDIWSAGV	473	>STK11-G242KVDIWSAVV	1251	778
>STK11-G242KVDIWSAG	20282	>STK11-G242KVDIWSAV	371	19911



>STK11-G242KVDIWSAGV	212	>STK11-G242KVDIWSAVV	583	371
>STK11-G242KVDIWSAG	7262	>STK11-G242KVDIWSAV	11	7251
>STK11-G242KVDIWSAGV	12	>STK11-G242KVDIWSAVV	28	16
>STK11-G242KVDIWSAGV	142	>STK11-G242KVDIWSAVV	123	19
>STK11-G242KVDIWSAG	11713	>STK11-G242KVDIWSAV	12	11701
>STK11-G242KVDIWSAGV	5	>STK11-G242KVDIWSAVV	10	5
>STK11-G242KVDIWSAGV	88	>STK11-G242KVDIWSAVV	51	37
>STK11-G242KVDIWSAG	17877	>STK11-G242KVDIWSAV	110	17767
>STK11-G242KVDIWSAGV	16	>STK11-G242KVDIWSAVV	33	17
>STK11-G242KVDIWSAGV	307	>STK11-G242KVDIWSAVV	234	73
>STK11-G242KVDIWSAG	19549	>STK11-G242KVDIWSAV	31	19518
>STK11-G242KVDIWSAGV	12	>STK11-G242KVDIWSAVV	21	9
>STK11-G242KVDIWSAGV	153	>STK11-G242KVDIWSAVV	98	55
>STK11-G242KVDIWSAG	26292	>STK11-G242KVDIWSAV	344	25948
>STK11-G242KVDIWSAGV	11	>STK11-G242KVDIWSAVV	44	33
>STK11-G242KVDIWSAG	33399	>STK11-G242KVDIWSAV	52	33347
>STK11-G242KVDIWSAGV	10	>STK11-G242KVDIWSAVV	24	14
>STK11-G242KVDIWSAGV	471	>STK11-G242KVDIWSAVV	331	140
>STK11-G242KVDIWSAGV	97	>STK11-G242KVDIWSAVV	47	50
>STK11-G242KVDIWSAG	19152	>STK11-G242KVDIWSAV	222	18930
>STK11-G242KVDIWSAGV	14	>STK11-G242KVDIWSAVV	121	107
>STK11-G242KVDIWSAGV	153	>STK11-G242KVDIWSAVV	178	25
>STK11-G242FKVDIWSAG	12377	>STK11-G242FKVDIWSAV	107	12270
>STK11-G242FKVDIWSAG	17105	>STK11-G242FKVDIWSAV	170	16935
>STK11-G242FKVDIWSAG	3066	>STK11-G242FKVDIWSAV	12	3054
>STK11-G242FKVDIWSAG\	105	>STK11-G242FKVDIWSAV\	211	106
>STK11-G242FKVDIWSAG	16549	>STK11-G242FKVDIWSAV	134	16415
>STK11-G242FKVDIWSAG\	70	>STK11-G242FKVDIWSAV\	160	90
>STK11-G242FKVDIWSAG	31458	>STK11-G242FKVDIWSAV	226	31232
>STK11-G242FKVDIWSAG\	65	>STK11-G242FKVDIWSAV\	127	62
>STK11-G242FKVDIWSAG	14323	>STK11-G242FKVDIWSAV	177	14146
>STK11-G242FKVDIWSAG	2798	>STK11-G242FKVDIWSAV	55	2743
>STK11-G242FKVDIWSAG\	278	>STK11-G242FKVDIWSAV\	77	201
>STK11-G242FKVDIWSAG	6654	>STK11-G242FKVDIWSAV	79	6575
>STK11-G242FKVDIWSAG\	443	>STK11-G242FKVDIWSAV\	45	398
>STK11-G242GFKVDIWSAG	12937	>STK11-G242GFKVDIWSAV	252	12685
>STK11-G279GPPLSDLLKG	3993	>STK11-G279FPPLSDLLKGI	143	3850
>STK11-G279GPPLSDLL	6163	>STK11-G279FPPLSDLL	352	5811
>STK11-G279GPPLSDLL	141	>STK11-G279FPPLSDLL	21	120
>STK11-G279CGPPLSDL	92	>STK11-G279CFPPLSDL	4849	4757
>STK11-G279CGPPLSDLL	109	>STK11-G279CFPPLSDLL	3067	2958
>STK11-G279CGPPLSDLLK	13762	>STK11-G279CFPPLSDLLK	416	13346
>STK11-G279CGPPLSDL	10752	>STK11-G279CFPPLSDL	15	10737

>STK11-G279 CGPPLSDLL	9045	>STK11-G279 CFPPLSDLL	10	9035
>STK11-G279 CGPPLSDLLK	9204	>STK11-G279 CFPPLSDLLK	193	9011
>STK11-G279 CGPPLSDLL	17	>STK11-G279 CFPPLSDLL	64	47
>STK11-G279 CGPPLSDLLK	12571	>STK11-G279 CFPPLSDLLK	237	12334
>STK11-G279 IPGDCGPPL	490	>STK11-G279 IPGDCFPPL	104	386
>STK11-G279 IPGDCGPPL	21	>STK11-G279 IPGDCFPPL	37	16
>STK11-G279 IPGDCGPPL	97	>STK11-G279 IPGDCFPPL	72	25
>STK11-G279 IPGDCGPPL	762	>STK11-G279 IPGDCFPPL	161	601
>STK11-G279 IPGDCGPP	1356	>STK11-G279 IPGDCFP	283	1073
>STK11-G279 IPGDCGPPL	725	>STK11-G279 IPGDCFPPL	124	601
>STK11-G279 AIPGDCGPPL	2439	>STK11-G279 AIPGDCFPPL	378	2061
>STK11-G279 AIPGDCGPPL	631	>STK11-G279 AIPGDCFPPL	214	417
>STK11-G279 AIPGDCGPPL	141	>STK11-G279 AIPGDCFPPL	51	90
>STK11-G279 AIPGDCGPPL	963	>STK11-G279 AIPGDCFPPL	431	532
>STK11-G279 AIPGDCGPPL	816	>STK11-G279 AIPGDCFPPL	323	493
>STK11-G279 AIPGDCGPPL	93	>STK11-G279 AIPGDCFPPL	19	74
>STK11-G279 AIPGDCGPPL	1245	>STK11-G279 AIPGDCFPPL	140	1105
>STK11-G279 YAIPGDCGPP	654	>STK11-G279 YAIPGDCFPPI	373	281
>STK11-G279 YAIPGDCGPP	246	>STK11-G279 YAIPGDCFPPI	91	155
>STK11-G279 YAIPGDCGPP	748	>STK11-G279 YAIPGDCFPPI	263	485
>STK11-G279 YAIPGDCGPP	17	>STK11-G279 YAIPGDCFPPI	8	9
>STK11-G279 YAIPGDCGPP	428	>STK11-G279 YAIPGDCFPPI	349	79
>STK11-G279 YAIPGDCGPP	615	>STK11-G279 YAIPGDCFPPI	462	153
>STK11-G279 YAIPGDCGPP	71	>STK11-G279 YAIPGDCFPPI	47	24
>STK11-G279 YAIPGDCG	30603	>STK11-G279 YAIPGDCF	307	30296
>STK11-G279 YAIPGDCGPP	547	>STK11-G279 YAIPGDCFPPI	138	409
>STK11-G279 YAIPGDCGPP	240	>STK11-G279 YAIPGDCFPPI	115	125
>STK11-G279 YAIPGDCG	7285	>STK11-G279 YAIPGDCF	119	7166
>STK11-G279 YAIPGDCGPP	195	>STK11-G279 YAIPGDCFPPI	187	8
>STK11-G279 YAIPGDCG	20776	>STK11-G279 YAIPGDCF	55	20721
>STK11-G279 YAIPGDCGPP	339	>STK11-G279 YAIPGDCFPPI	289	50
>STK11-G279 YAIPGDCG	13341	>STK11-G279 YAIPGDCF	15	13326
>STK11-G279 YAIPGDCGPP	7	>STK11-G279 YAIPGDCFPPI	12	5
>STK11-G279 YAIPGDCG	2863	>STK11-G279 YAIPGDCF	20	2843
>STK11-G279 YAIPGDCGPP	34	>STK11-G279 YAIPGDCFPPI	38	4
>STK11-G279 YAIPGDCGPP	239	>STK11-G279 YAIPGDCFPPI	200	39
>STK11-G279 YAIPGDCG	17910	>STK11-G279 YAIPGDCF	347	17563
>STK11-G279 SYAIPGDCG	11926	>STK11-G279 SYAIPGDCF	31	11895
>STK11-G279 GSYAIPGDCG	24113	>STK11-G279 GSYAIPGDCF	214	23899
>STK11-G279 GSYAIPGDCG	19132	>STK11-G279 GSYAIPGDCF	38	19094
>STK11-G56\ GEGSYGKVK	208	>STK11-G56\ VEGSYGKVK	112	96
>STK11-G56\ GEGSYGKV	261	>STK11-G56\ VEGSYGKV	886	625
>STK11-G56\ GEGSYGKVK	208	>STK11-G56\ VEGSYGKVK	765	557

>STK11-G56\ GEGSYGKVK E	102	>STK11-G56\ VEGSYGKVK E	581	479
>STK11-G56\ LGEGSYGKV	12105	>STK11-G56\ LVEGSYGKV	41	12064
>STK11-G56\ LGEGSYGK	8784	>STK11-G56\ LVEGSYGK	210	8574
>STK11-G56\ LGEGSYGK	8557	>STK11-G56\ LVEGSYGK	301	8256
>STK11-G56\ LLGEGSYGKV	401	>STK11-G56\ LLVEGSYGKV	323	78
>STK11-G56\ LLGEGSYGKV	44	>STK11-G56\ LLVEGSYGKV	43	1
>STK11-G56\ LLGEGSYGKV	31	>STK11-G56\ LLVEGSYGKV	20	11
>STK11-G56\ LLGEGSYGKV	1545	>STK11-G56\ LLVEGSYGKV	304	1241
>STK11-G56\ LLGEGSYG	253	>STK11-G56\ LLVEGSYG	282	29
>STK11-G56\ LLGEGSYGK	449	>STK11-G56\ LLVEGSYGK	493	44
>STK11-G56\ LLGEGSYGKV	3	>STK11-G56\ LLVEGSYGKV	3	0
>STK11-G56\ LLGEGSYGKV	10	>STK11-G56\ LLVEGSYGKV	10	0
>STK11-G56\ LLGEGSYGKV	8	>STK11-G56\ LLVEGSYGKV	9	1
>STK11-G56\ LLGEGSYGKV	7	>STK11-G56\ LLVEGSYGKV	17	10
>STK11-G56\ LLGEGSYGK	146	>STK11-G56\ LLVEGSYGK	138	8
>STK11-G56\ LLGEGSYGKV	2	>STK11-G56\ LLVEGSYGKV	2	0
>STK11-G56\ LLGEGSYGK	207	>STK11-G56\ LLVEGSYGK	237	30
>STK11-G56\ LLGEGSYGK	477	>STK11-G56\ LLVEGSYGK	382	95
>STK11-G56\ LLGEGSYGKV	757	>STK11-G56\ LLVEGSYGKV	260	497
>STK11-G56\ DLLGEGSYGK	28	>STK11-G56\ DLLVEGSYGK	133	105
>STK11-G56\ DLLGEGSYGK	35	>STK11-G56\ DLLVEGSYGK	75	40
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>STK11-G56\ DLLGEGSYGK	12	>STK11-G56\ DLLVEGSYGK	50	38
>STK11-G56\ DLLGEGSYGK	262	>STK11-G56\ DLLVEGSYGK	549	287
>STK11-G56\ DLLGEGSY	414	>STK11-G56\ DLLVEGSY	2208	1794
>STK11-G56\ DLLGEGSY	379	>STK11-G56\ DLLVEGSY	951	572
>STK11-G56\ DLLGEGSY	387	>STK11-G56\ DLLVEGSY	339	48
>STK11-G56\ DLLGEGSYGK	267	>STK11-G56\ DLLVEGSYGK	315	48
>STK11-G56\ DLLGEGSY	128	>STK11-G56\ DLLVEGSY	270	142
>STK11-G56\ MGDLLGEGS'	212	>STK11-G56\ MGDLLVEGS'	146	66
>STK11-G56\ MGDLLGEGS'	421	>STK11-G56\ MGDLLVEGS'	508	87
>STK11-G56\ LMGDLLGEG	1261	>STK11-G56\ LMGDLLVEG	196	1065
>STK11-G56\ LMGDLLGEG	878	>STK11-G56\ LMGDLLVEG	260	618
>STK11-G56\ LMGDLLGEG:	386	>STK11-G56\ LMGDLLVEG:	126	260
>STK11-G56\ LMGDLLGEG	3379	>STK11-G56\ LMGDLLVEG	360	3019
>STK11-G56\ LMGDLLGEG:	1138	>STK11-G56\ LMGDLLVEG:	254	884
>STK11-G56\ LMGDLLGEG:	21	>STK11-G56\ LMGDLLVEG:	29	8
>STK11-G56\ LMGDLLGEG:	14	>STK11-G56\ LMGDLLVEG:	30	16
>STK11-G56\ LMGDLLGEG:	223	>STK11-G56\ LMGDLLVEG:	263	40
>STK11-G56\ LMGDLLGEG:	45	>STK11-G56\ LMGDLLVEG:	50	5
>STK11-G56\ LMGDLLGEG:	491	>STK11-G56\ LMGDLLVEG:	1171	680
>STK11-G56\ YLMGDLLG	509	>STK11-G56\ YLMGDLLV	6	503
>STK11-G56\ YLMGDLLGEC	136	>STK11-G56\ YLMGDLLVEC	57	79

>STK11-G56\YLMGDLLGEC	197	>STK11-G56\YLMGDLLVEC	60	137
>STK11-G56\YLMGDLLG	70	>STK11-G56\YLMGDLLV	2	68
>STK11-G56\YLMGDLLGE	165	>STK11-G56\YLMGDLLVE	327	162
>STK11-G56\YLMGDLLGEC	149	>STK11-G56\YLMGDLLVEC	89	60
>STK11-G56\YLMGDLLGEC	28	>STK11-G56\YLMGDLLVEC	15	13
>STK11-G56\YLMGDLLG	408	>STK11-G56\YLMGDLLV	3	405
>STK11-G56\YLMGDLLGEC	267	>STK11-G56\YLMGDLLVEC	389	122
>STK11-G56\YLMGDLLGEC	76	>STK11-G56\YLMGDLLVEC	32	44
>STK11-G56\YLMGDLLG	596	>STK11-G56\YLMGDLLV	3	593
>STK11-G56\YLMGDLLGE	250	>STK11-G56\YLMGDLLVE	1229	979
>STK11-G56\YLMGDLLGEC	261	>STK11-G56\YLMGDLLVEC	175	86
>STK11-G56\YLMGDLLGEC	72	>STK11-G56\YLMGDLLVEC	53	19
>STK11-G56\YLMGDLLG	335	>STK11-G56\YLMGDLLV	2	333
>STK11-G56\YLMGDLLGEC	84	>STK11-G56\YLMGDLLVEC	46	38
>STK11-G56\YLMGDLLGEC	38	>STK11-G56\YLMGDLLVEC	24	14
>STK11-G56\YLMGDLLG	1390	>STK11-G56\YLMGDLLV	3	1387
>STK11-G56\YLMGDLLGEC	625	>STK11-G56\YLMGDLLVEC	185	440
>STK11-G56\YLMGDLLGEC	201	>STK11-G56\YLMGDLLVEC	155	46
>STK11-G56\YLMGDLLG	1443	>STK11-G56\YLMGDLLV	4	1439
>STK11-G56\YLMGDLLGEC	787	>STK11-G56\YLMGDLLVEC	490	297
>STK11-G56\YLMGDLLG	4358	>STK11-G56\YLMGDLLV	2	4356
>STK11-G56\YLMGDLLGEC	156	>STK11-G56\YLMGDLLVEC	53	103
>STK11-G56\YLMGDLLG	129	>STK11-G56\YLMGDLLV	1	128
>STK11-G56\YLMGDLLGE	54	>STK11-G56\YLMGDLLVE	159	105
>STK11-G56\YLMGDLLGEC	106	>STK11-G56\YLMGDLLVEC	21	85
>STK11-G56\YLMGDLLGEC	33	>STK11-G56\YLMGDLLVEC	22	11
>STK11-G56\YLMGDLLG	17199	>STK11-G56\YLMGDLLV	421	16778
>STK11-G56\YLMGDLLG	19160	>STK11-G56\YLMGDLLV	135	19025
>STK11-G56\KYLMDLLG	24060	>STK11-G56\KYLMDLLV	357	23703
>STK11-G56\KYLMDLLG	4074	>STK11-G56\KYLMDLLV	267	3807
>STK11-G56\KYLMDLLG	1888	>STK11-G56\KYLMDLLV	249	1639
>STK11-G56\KYLMDLLG	326	>STK11-G56\KYLMDLLV	78	248
>STK11-G56\KYLMDLLGE	405	>STK11-G56\KYLMDLLVE	482	77
>STK11-G56\GEGSYGKVK	208	>STK11-G56\WEGSYGKVK	47	161
>STK11-G56\GEGSYGKVK	602	>STK11-G56\WEGSYGKVK	492	110
>STK11-G56\GEGSYGKV	261	>STK11-G56\WEGSYGKV	2293	2032
>STK11-G56\GEGSYGKVK	208	>STK11-G56\WEGSYGKVK	1874	1666
>STK11-G56\GEGSYGKVK	102	>STK11-G56\WEGSYGKVK	67	35
>STK11-G56\LGEGSYGK	14671	>STK11-G56\LWEGSYGK	286	14385
>STK11-G56\LGEGSYGKV	28725	>STK11-G56\LWEGSYGKV	297	28428
>STK11-G56\IGKYLMGDLL	25027	>STK11-G56\IGKYLMGDLL	244	24783
>STK11-G56\IGKYLMGDLL	22286	>STK11-G56\IGKYLMGDLL	459	21827
>STK11-G56\LLGEGSYGKV	401	>STK11-G56\LLWEGSYGK	123	278

>STK11-G56\LLGEGSYGKV	44	>STK11-G56\LLWEGSYGK\	36	8
>STK11-G56\LLGEGSYGKV	31	>STK11-G56\LLWEGSYGK\	18	13
>STK11-G56\LLGEGSYGKV	1545	>STK11-G56\LLWEGSYGK\	286	1259
>STK11-G56\LLGEGSYG	253	>STK11-G56\LLWEGSYG	18	235
>STK11-G56\LLGEGSYGK	449	>STK11-G56\LLWEGSYGK	20	429
>STK11-G56\LLGEGSYGKV	3	>STK11-G56\LLWEGSYGK\	1	2
>STK11-G56\LLGEGSYGKV	3581	>STK11-G56\LLWEGSYGK\	295	3286
>STK11-G56\LLGEGSYG	1909	>STK11-G56\LLWEGSYG	440	1469
>STK11-G56\LLGEGSYGK	1193	>STK11-G56\LLWEGSYGK	229	964
>STK11-G56\LLGEGSYGKV	10	>STK11-G56\LLWEGSYGK\	4	6
>STK11-G56\LLGEGSYG	3174	>STK11-G56\LLWEGSYG	301	2873
>STK11-G56\LLGEGSYGK	3633	>STK11-G56\LLWEGSYGK	272	3361
>STK11-G56\LLGEGSYGKV	8	>STK11-G56\LLWEGSYGK\	4	4
>STK11-G56\LLGEGSYGKV	7	>STK11-G56\LLWEGSYGK\	2	5
>STK11-G56\LLGEGSYG	958	>STK11-G56\LLWEGSYG	152	806
>STK11-G56\LLGEGSYGK	146	>STK11-G56\LLWEGSYGK	31	115
>STK11-G56\LLGEGSYGKV	2	>STK11-G56\LLWEGSYGK\	2	0
>STK11-G56\LLGEGSYGKV	1852	>STK11-G56\LLWEGSYGK\	318	1534
>STK11-G56\LLGEGSYGK	207	>STK11-G56\LLWEGSYGK	82	125
>STK11-G56\LLGEGSYGKV	663	>STK11-G56\LLWEGSYGK\	205	458
>STK11-G56\LLGEGSYGK	477	>STK11-G56\LLWEGSYGK	173	304
>STK11-G56\LLGEGSYGKV	757	>STK11-G56\LLWEGSYGK\	53	704
>STK11-G56\DLLGEGSYGK	28	>STK11-G56\DLLWEGSYGI	14	14
>STK11-G56\DLLGEGSYGK	35	>STK11-G56\DLLWEGSYGI	22	13
>STK11-G56\DLLGEGSYGK	42	>STK11-G56\DLLWEGSYGI	41	1
>STK11-G56\DLLGEGSYGK	12	>STK11-G56\DLLWEGSYGI	12	0
>STK11-G56\DLLGEGSYGK	262	>STK11-G56\DLLWEGSYGI	212	50
>STK11-G56\DLLGEGSY	414	>STK11-G56\DLLWEGSY	899	485
>STK11-G56\DLLGEGSY	379	>STK11-G56\DLLWEGSY	305	74
>STK11-G56\DLLGEGSY	387	>STK11-G56\DLLWEGSY	125	262
>STK11-G56\DLLGEGSYGK	267	>STK11-G56\DLLWEGSYGI	59	208
>STK11-G56\DLLGEGSY	128	>STK11-G56\DLLWEGSY	617	489
>STK11-G56\MGDLLGEGS'	212	>STK11-G56\MGDLLWEGS'	329	117
>STK11-G56\MGDLLGEGS'	421	>STK11-G56\MGDLLWEGS'	675	254
>STK11-G56\LMGDLLGEG	1261	>STK11-G56\LMGDLLWEG	63	1198
>STK11-G56\LMGDLLGEG	878	>STK11-G56\LMGDLLWEG	24	854
>STK11-G56\LMGDLLGEG:	386	>STK11-G56\LMGDLLWEG	96	290
>STK11-G56\LMGDLLGEG	7492	>STK11-G56\LMGDLLWEG	159	7333
>STK11-G56\LMGDLLGEG	9769	>STK11-G56\LMGDLLWEG	354	9415
>STK11-G56\LMGDLLGEG	3379	>STK11-G56\LMGDLLWEG	30	3349
>STK11-G56\LMGDLLGEG:	1138	>STK11-G56\LMGDLLWEG	263	875
>STK11-G56\LMGDLLGEG:	2120	>STK11-G56\LMGDLLWEG	366	1754
>STK11-G56\LMGDLLGEG:	21	>STK11-G56\LMGDLLWEG	14	7

>STK11-G56\LMGDLLGEG:	14	>STK11-G56\LMGDLLWEG	13	1
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>STK11-G56\LMGDLLGEG:	45	>STK11-G56\LMGDLLWEG	53	8
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>STK11-G56\YLMGDLLGEC	136	>STK11-G56\YLMGDLLWE	24	112
>STK11-G56\YLMGDLLGEC	197	>STK11-G56\YLMGDLLWE	76	121
>STK11-G56\YLMGDLLG	70	>STK11-G56\YLMGDLLW	260	190
>STK11-G56\YLMGDLLGE	165	>STK11-G56\YLMGDLLWE	75	90
>STK11-G56\YLMGDLLGEC	149	>STK11-G56\YLMGDLLWE	51	98
>STK11-G56\YLMGDLLGEC	28	>STK11-G56\YLMGDLLWE	19	9
>STK11-G56\YLMGDLLG	408	>STK11-G56\YLMGDLLW	2368	1960
>STK11-G56\YLMGDLLGEC	267	>STK11-G56\YLMGDLLWE	332	65
>STK11-G56\YLMGDLLGEC	76	>STK11-G56\YLMGDLLWE	78	2
>STK11-G56\YLMGDLLGE	250	>STK11-G56\YLMGDLLWE	770	520
>STK11-G56\YLMGDLLGEC	261	>STK11-G56\YLMGDLLWE	57	204
>STK11-G56\YLMGDLLGEC	72	>STK11-G56\YLMGDLLWE	31	41
>STK11-G56\YLMGDLLG	335	>STK11-G56\YLMGDLLW	1712	1377
>STK11-G56\YLMGDLLGEC	84	>STK11-G56\YLMGDLLWE	15	69
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>STK11-G56\YLMGDLLGEC	201	>STK11-G56\YLMGDLLWE	435	234
>STK11-G56\YLMGDLLGEC	1618	>STK11-G56\YLMGDLLWE	146	1472
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>STK11-G56\YLMGDLLGEC	156	>STK11-G56\YLMGDLLWE	120	36
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>STK11-G56\YLMGDLLGE	54	>STK11-G56\YLMGDLLWE	30	24
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>STK11-G56\YLMGDLLGEC	33	>STK11-G56\YLMGDLLWE	34	1
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>STK11-G56\YLMGDLLG	22874	>STK11-G56\YLMGDLLW	114	22760
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>STK11-G56\KYLMDLLG	17240	>STK11-G56\KYLMDLLW	79	17161
>STK11-G56\KYLMDLLG	11602	>STK11-G56\KYLMDLLW	147	11455
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>STK11-G56\KYLMDLLG	21599	>STK11-G56\KYLMDLLW	60	21539
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>STK11-G56\KYLMDLLGE	405	>STK11-G56\KYLMDLLW	133	272
>STK11-G91L GEANVKKEI	6	>STK11-G91L LEANVKKEI	5	1
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>STK11-G91L GEANVKKEI	206	>STK11-G91L LEANVKKEI	388	182
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>STK11-G91L GEANVKKEI	18	>STK11-G91L LEANVKKEI	95	77
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>STK11-G91L KKKKLRRIPNL	1441	>STK11-G91L KKKKLRRIPNL	371	1070
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>STK11-G91L IPNGEANV	471	>STK11-G91L IPNLEANV	387	84
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>STK11-G91L RIPNGEANV	78	>STK11-G91L RIPNLEANV	89	11
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>STK11-G91L RRIPNGEA	398	>STK11-G91L RRIPNLEA	230	168
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>STK11-G91L RRIPNGEANV	76	>STK11-G91L RRIPNLEANV	68	8
>STK11-G91L RRIPNGEA	193	>STK11-G91L RRIPNLEA	36	157
>STK11-G91L RRIPNGEAN	626	>STK11-G91L RRIPNLEAN	332	294
>STK11-G91L RRIPNGEANV	124	>STK11-G91L RRIPNLEANV	177	53
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>STK11-G91L RRIPNGEANV	86	>STK11-G91L RRIPNLEANV	65	21
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>STK11-G91L KLRRIPNG	13431	>STK11-G91L KLRRIPNL	170	13261
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>STK11-G91L KLRRIPNG	11736	>STK11-G91L KLRRIPNL	21	11715
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>STK11-G91L KLRRIPNG	19	>STK11-G91L KLRRIPNL	8	11
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>STK11-G91L KLRRIPNGEA	10	>STK11-G91L KLRRIPNLEA	6	4
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>STK11-G91L KKLRRIPNG	8253	>STK11-G91L KKLRRIPNL	184	8069
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>STK11-G91L KKKLRRIPNG	6527	>STK11-G91L KKKLRRIPNL	107	6420
>STK11-H107HKNVIQLV	758	>STK11-H107RKNVIQLV	169	589
>STK11-H107HKNVIQLVDV	612	>STK11-H107RKNVIQLVDV	130	482
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>STK11-H107HKNVIQLVDV	78	>STK11-H107RKNVIQLVDV	1127	1049
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>STK11-H107HKNVIQLVDV	6497	>STK11-H107RKNVIQLVDV	280	6217
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>STK11-H107RHKNVIQL	397	>STK11-H107RRKNVIQL	195	202
>STK11-H107RHKNVIQLV	839	>STK11-H107RRKNVIQLV	325	514
>STK11-H107RHKNVIQLVE	821	>STK11-H107RRKNVIQLVD	323	498
>STK11-H107RHKNVIQL	6828	>STK11-H107RRKNVIQL	31	6797
>STK11-H107RHKNVIQLV	7333	>STK11-H107RRKNVIQLV	44	7289
>STK11-H107RHKNVIQLVE	9571	>STK11-H107RRKNVIQLVD	154	9417
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>STK11-H107RHKNVIQL	2086	>STK11-H107RRKNVIQL	20	2066
>STK11-H107RHKNVIQLV	990	>STK11-H107RRKNVIQLV	32	958
>STK11-H107RHKNVIQLVE	9535	>STK11-H107RRKNVIQLVD	76	9459
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>STK11-H107RHKNVIQLV	1099	>STK11-H107RRKNVIQLV	32	1067
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>STK11-H107KEIQLLRRRLRF	1832	>STK11-H107KEIQLLRRRLRF	488	1344
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>STK11-H107LRHKNVIQL	221	>STK11-H107LRRKNVIQL	158	63
>STK11-H107LRHKNVIQLV	478	>STK11-H107LRRKNVIQLV	287	191
>STK11-H107LRHKNVIQL	107	>STK11-H107LRRKNVIQL	261	154
>STK11-H107LRHKNVIQLV	794	>STK11-H107LRRKNVIQLV	499	295
>STK11-H107LRHKNVIQL	434	>STK11-H107LRRKNVIQL	6349	5915
>STK11-H107LRHKNVIQL	676	>STK11-H107LRRKNVIQL	203	473
>STK11-H107LRHKNVIQL	101	>STK11-H107LRRKNVIQL	49	52
>STK11-H107LRHKNVIQLV	458	>STK11-H107LRRKNVIQLV	220	238
>STK11-H107RLRHKNVIQL	197	>STK11-H107RLRRKNVIQL'	388	191
>STK11-H107RLRHKNVI	235	>STK11-H107RLRRKNVI	763	528
>STK11-H107RLRHKNVIQL	10	>STK11-H107RLRRKNVIQL'	18	8
>STK11-H107RLRHKNVIQL	254	>STK11-H107RLRRKNVIQL	218	36
>STK11-H107RLRHKNVIQL	26	>STK11-H107RLRRKNVIQL'	23	3
>STK11-H107RLRHKNVIQL	81	>STK11-H107RLRRKNVIQL'	123	42
>STK11-H107RLRHKNVIQL	112	>STK11-H107RLRRKNVIQL'	130	18
>STK11-H107RLRHKNVI	994	>STK11-H107RLRRKNVI	463	531
>STK11-H107RLRHKNVIQL	34	>STK11-H107RLRRKNVIQL	22	12
>STK11-H107RLRHKNVIQL	7	>STK11-H107RLRRKNVIQL'	6	1
>STK11-H107RLRHKNVI	12	>STK11-H107RLRRKNVI	9	3
>STK11-H107RLRHKNVIQ	44	>STK11-H107RLRRKNVIQ	26	18
>STK11-H107RLRHKNVIQL	11	>STK11-H107RLRRKNVIQL	8	3
>STK11-H107RLRHKNVIQL	9	>STK11-H107RLRRKNVIQL'	7	2



>STK11-H107RLRHKNVIQL	473	>STK11-H107RLRRKNVIQL	461	12
>STK11-H107RLRHKNVI	114	>STK11-H107RLRRKNVI	47	67
>STK11-H107RLRHKNVIQL	1015	>STK11-H107RLRRKNVIQL'	410	605
>STK11-H107RLRHKNVI	247	>STK11-H107RLRRKNVI	503	256
>STK11-H107RLRHKNVIQL	207	>STK11-H107RLRRKNVIQL	348	141
>STK11-H107RLRHKNVIQL	103	>STK11-H107RLRRKNVIQL	480	377
>STK11-H107RRLRHKNVI	746	>STK11-H107RRLRRKNVI	217	529
>STK11-H107RRLRHKNV	195	>STK11-H107RRLRRKNV	318	123
>STK11-H107RRLRHKNVI	185	>STK11-H107RRLRRKNVI	306	121
>STK11-H107RRLRHKNVIQ	148	>STK11-H107RRLRRKNVIQ	194	46
>STK11-H107RRLRHKNV	52	>STK11-H107RRLRRKNV	37	15
>STK11-H107RRLRHKNVI	52	>STK11-H107RRLRRKNVI	41	11
>STK11-H107RRLRHKNVIQ	129	>STK11-H107RRLRRKNVIQ	84	45
>STK11-H107RRLRHKNVIQ	20	>STK11-H107RRLRRKNVIQ	19	1
>STK11-H107RRLRHKNV	52	>STK11-H107RRLRRKNV	22	30
>STK11-H107RRLRHKNVI	36	>STK11-H107RRLRRKNVI	31	5
>STK11-H107RRLRHKNVIQ	92	>STK11-H107RRLRRKNVIQ	48	44
>STK11-H107RRLRHKNVIQ	22	>STK11-H107RRLRRKNVIQ	21	1
>STK11-H107RRLRHKNV	290	>STK11-H107RRLRRKNV	148	142
>STK11-H107RRLRHKNVI	19	>STK11-H107RRLRRKNVI	19	0
>STK11-H107RRLRHKNVIQ	539	>STK11-H107RRLRRKNVIQ	185	354
>STK11-H107RRLRHKNVIQ	10	>STK11-H107RRLRRKNVIQ	10	0
>STK11-H107LRRLRHKNV	141	>STK11-H107LRRLRRKNV	109	32
>STK11-H107LRRLRHKNVI	484	>STK11-H107LRRLRRKNVI	383	101
>STK11-H107LRRLRHKNVI	477	>STK11-H107LRRLRRKNVI	292	185
>STK11-H107LLRRLRHKNV	147	>STK11-H107LLRRLRRKNV	224	77
>STK11-H107LLRRLRHKNV	281	>STK11-H107LLRRLRRKNV	1807	1526
>STK11-H107LLRRLRHKNV	5	>STK11-H107LLRRLRRKNV	9	4
>STK11-H107LLRRLRHKNV	79	>STK11-H107LLRRLRRKNV	293	214
>STK11-H107LLRRLRHK	83	>STK11-H107LLRRLRRK	92	9
>STK11-H107LLRRLRHK	7	>STK11-H107LLRRLRRK	11	4
>STK11-H107LLRRLRHKNV	80	>STK11-H107LLRRLRRKNV	101	21
>STK11-H107LLRRLRHKNV	93	>STK11-H107LLRRLRRKNV	92	1
>STK11-H107LLRRLRHK	271	>STK11-H107LLRRLRRK	900	629
>STK11-H107LLRRLRHKNV	42	>STK11-H107LLRRLRRKNV	44	2
>STK11-H107QLLRRLRHKN	399	>STK11-H107QLLRRLRHKN	606	207
>STK11-H107QLLRRLRHKN	29	>STK11-H107QLLRRLRHKN	106	77
>STK11-H107QLLRRLRHKN	240	>STK11-H107QLLRRLRHKN	539	299
>STK11-H107QLLRRLRHKN	170	>STK11-H107QLLRRLRHKN	434	264
>STK11-H107QLLRRLRHKN	329	>STK11-H107QLLRRLRHKN	755	426
>STK11-H107QLLRRLRHKN	10	>STK11-H107QLLRRLRHKN	12	2
>STK11-H107QLLRRLRHK	89	>STK11-H107QLLRRLRHK	95	6
>STK11-H107QLLRRLRHK	195	>STK11-H107QLLRRLRHK	750	555

>STK11-H107QLLRRLRH	9789	>STK11-H107QLLRRRLRR	106	9683
>STK11-H107QLLRRLRHKN	90	>STK11-H107QLLRRRLRRKN	93	3
>STK11-H107QLLRRLRH	25799	>STK11-H107QLLRRRLRR	219	25580
>STK11-H107IQLLRRLRHK	54	>STK11-H107IQLLRRRLRRK	75	21
>STK11-H107IQLLRRLRHK	360	>STK11-H107IQLLRRRLRRK	649	289
>STK11-H107IQLLRRLRHK	477	>STK11-H107IQLLRRRLRRK	1116	639
>STK11-H107IQLLRRLRH	7477	>STK11-H107IQLLRRRLRR	32	7445
>STK11-H107IQLLRRLRHK	341	>STK11-H107IQLLRRRLRRK	400	59
>STK11-H107IQLLRRLRH	31465	>STK11-H107IQLLRRRLRR	479	30986
>STK11-H107IQLLRRLRH	23156	>STK11-H107IQLLRRRLRR	150	23006
>STK11-H107EIQLLRRLRH	6435	>STK11-H107EIQLLRRRLRR	39	6396
>STK11-H107EIQLLRRLRH	9428	>STK11-H107EIQLLRRRLRR	163	9265
>STK11-H107EIQLLRRLRH	24991	>STK11-H107EIQLLRRRLRR	240	24751
>STK11-H107EIQLLRRLRH	31721	>STK11-H107EIQLLRRRLRR	275	31446
>STK11-H174HKDIKPGNLL	6176	>STK11-H174RKDIKPGNLL	396	5780
>STK11-H174HKDIKPGNLL	4221	>STK11-H174RKDIKPGNLLI	388	3833
>STK11-H174VHKDIKPGNL	10296	>STK11-H174VRKDIKPGNL	108	10188
>STK11-H174VHKDIKPGNL	19320	>STK11-H174VRKDIKPGNL	173	19147
>STK11-H174VHKDIKPGNL	16196	>STK11-H174VRKDIKPGNL	113	16083
>STK11-H174LEYLHSQGIVH	208	>STK11-H174LEYLHSQGIVH	563	355
>STK11-H174IVHKDIKPGN	2474	>STK11-H174IVRKDIKPGNI	262	2212
>STK11-H174SQGIVHKDI	468	>STK11-H174SQGIVRKDI	113	355
>STK11-H174HSQGIVHK	104	>STK11-H174HSQGIVRK	129	25
>STK11-H174HSQGIVHKDI	303	>STK11-H174HSQGIVRKDI	754	451
>STK11-H174HSQGIVHK	57	>STK11-H174HSQGIVRK	171	114
>STK11-H174HSQGIVHK	174	>STK11-H174HSQGIVRK	666	492
>STK11-H174HSQGIVHKDI	368	>STK11-H174HSQGIVRKDI	653	285
>STK11-H174HSQGIVHK	126	>STK11-H174HSQGIVRK	201	75
>STK11-H174HSQGIVHKDI	264	>STK11-H174HSQGIVRKDI	514	250
>STK11-H174YLHSQGIVHK	75	>STK11-H174YLHSQGIVRK	50	25
>STK11-H174YLHSQGIVHK	97	>STK11-H174YLHSQGIVRK	137	40
>STK11-H174YLHSQGIVHK	118	>STK11-H174YLHSQGIVRK	342	224
>STK11-H174YLHSQGIVH	16042	>STK11-H174YLHSQGIVR	366	15676
>STK11-H174YLHSQGIVH	23180	>STK11-H174YLHSQGIVR	254	22926
>STK11-H174YLHSQGIVH	345	>STK11-H174YLHSQGIVR	3260	2915
>STK11-H174YLHSQGIVH	495	>STK11-H174YLHSQGIVR	622	127
>STK11-H174YLHSQGIVHK	269	>STK11-H174YLHSQGIVRK	1349	1080
>STK11-H174YLHSQGIVH	30190	>STK11-H174YLHSQGIVR	329	29861
>STK11-H174EYLHSQGIVH	13835	>STK11-H174EYLHSQGIVR	357	13478
>STK11-H174EYLHSQGIVH	249	>STK11-H174EYLHSQGIVR	669	420
>STK11-H174EYLHSQGIVH	17954	>STK11-H174EYLHSQGIVR	46	17908
>STK11-H174EYLHSQGIVH	175	>STK11-H174EYLHSQGIVR	387	212
>STK11-K78E KILKKKKLRR	425	>STK11-K78E EILKKKKLRR	6772	6347

>STK11-K78E KILKKKKLR	15	>STK11-K78E EILKKKKLR	1166	1151
>STK11-K78E KILKKKKLRR	11	>STK11-K78E EILKKKKLRR	155	144
>STK11-K78E KILKKKKLR	8899	>STK11-K78E EILKKKKLR	172	8727
>STK11-K78E KILKKKKLR	9233	>STK11-K78E EILKKKKLR	181	9052
>STK11-K78E KILKKKKL	603	>STK11-K78E EILKKKKL	203	400
>STK11-K78E KILKKKKLRR	1086	>STK11-K78E EILKKKKLRR	325	761
>STK11-K78E KILKKKKLR	27	>STK11-K78E EILKKKKLR	118	91
>STK11-K78E KILKKKKLRR	17	>STK11-K78E EILKKKKLRR	62	45
>STK11-K78E VKILKKKKL	10371	>STK11-K78E VEILKKKKL	170	10201
>STK11-K78E VKILKKKKL	23934	>STK11-K78E VEILKKKKL	471	23463
>STK11-K78E AVKILKKK	495	>STK11-K78E AVEILKKK	578	83
>STK11-K78E AVKILKKK	13	>STK11-K78E AVEILKKK	3161	3148
>STK11-K78E AVKILKKK	22	>STK11-K78E AVEILKKK	4607	4585
>STK11-K78E AVKILKKK	392	>STK11-K78E AVEILKKK	5499	5107
>STK11-K78E AVKILKKK	390	>STK11-K78E AVEILKKK	5522	5132
>STK11-K78E AVKILKKKKLR	17	>STK11-K78E AVEILKKKKLR	178	161
>STK11-K78E RAVKILKK	274	>STK11-K78E RAVEILKK	462	188
>STK11-K78E RAVKILKK	121	>STK11-K78E RAVEILKK	112	9
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>STK11-K78E RAVKILKKK	256	>STK11-K78E RAVEILKKK	605	349
>STK11-K78E RAVKILKKK	438	>STK11-K78E RAVEILKKK	873	435
>STK11-K78E RAVKILKKKKL	35	>STK11-K78E RAVEILKKKKL	19	16
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>STK11-K78E RRAVKILKK	15	>STK11-K78E RRAVEILKK	20	5
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>STK11-K78E RRAVKILKKK	19	>STK11-K78E RRAVEILKKK	23	4
>STK11-K78E RRAVKILK	14	>STK11-K78E RRAVEILK	33	19
>STK11-K78E RRAVKILKK	130	>STK11-K78E RRAVEILKK	231	101
>STK11-K78E RRAVKILKKK	223	>STK11-K78E RRAVEILKKK	340	117
>STK11-K78E RRAVKILKKK	294	>STK11-K78E RRAVEILKKK	432	138
>STK11-K78E RRAVKILK	249	>STK11-K78E RRAVEILK	409	160
>STK11-K78E RRAVKILKK	23	>STK11-K78E RRAVEILKK	50	27
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>STK11-K78E CRRAVKILK	147	>STK11-K78E CRRAVEILK	353	206
>STK11-K78E CRRAVKILKK	305	>STK11-K78E CRRAVEILKK	687	382
>STK11-K78E CRRAVKILK	422	>STK11-K78E CRRAVEILK	919	497
>STK11-K78E CRRAVKILKK	87	>STK11-K78E CRRAVEILKK	97	10
>STK11-K78E CRRAVKILKK	374	>STK11-K78E CRRAVEILKK	586	212
>STK11-K78E CRRAVKILK	139	>STK11-K78E CRRAVEILK	559	420
>STK11-K78E CRRAVKILKK	438	>STK11-K78E CRRAVEILKK	609	171
>STK11-K78E LCRRAVKI	230	>STK11-K78E LCRRAVEI	247	17
>STK11-K78E LCRRAVKIL	428	>STK11-K78E LCRRAVEIL	2462	2034

>STK11-K78E LCRRRAVKILK	6	>STK11-K78E LCRRRAVEILK	12	6
>STK11-K78E LCRRRAVKILKK	9	>STK11-K78E LCRRRAVEILKK	19	10
>STK11-K78E TLCRRRAVKI	698	>STK11-K78E TLCRRRAVEI	260	438
>STK11-K78E TLCRRRAVKI	142	>STK11-K78E TLCRRRAVEI	63	79
>STK11-K78E TLCRRRAVKIL	134	>STK11-K78E TLCRRRAVEIL	57	77
>STK11-K78E TLCRRRAVK	83	>STK11-K78E TLCRRRAVE	18568	18485
>STK11-K78E TLCRRRAVKILK	44	>STK11-K78E TLCRRRAVEILK	55	11
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>STK11-K78E TLCRRRAVKILK	28	>STK11-K78E TLCRRRAVEILK	28	0
>STK11-K78E TLCRRRAVKI	520	>STK11-K78E TLCRRRAVEI	467	53
>STK11-K78E TLCRRRAVKILK	262	>STK11-K78E TLCRRRAVEILK	186	76
>STK11-K78E ETLCRRRAVKIL	190	>STK11-K78E ETLCRRRAVEIL	107	83
>STK11-K78E ETLCRRRAVKIL	247	>STK11-K78E ETLCRRRAVEIL	242	5
>STK11-K78E ETLCRRRAVKI	392	>STK11-K78E ETLCRRRAVEI	369	23
>STK11-K78E ETLCRRRAVK	60	>STK11-K78E ETLCRRRAVE	2042	1982
>STK11-K78E ETLCRRRAVK	15	>STK11-K78E ETLCRRRAVE	3401	3386
>STK11-K78E ETLCRRRAVKI	491	>STK11-K78E ETLCRRRAVEI	200	291
>STK11-K78E ETLCRRRAVKIL	692	>STK11-K78E ETLCRRRAVEIL	83	609
>STK11-K78E ETLCRRRAVKI	26	>STK11-K78E ETLCRRRAVEI	18	8
>STK11-K78E ETLCRRRAVKIL	265	>STK11-K78E ETLCRRRAVEIL	99	166
>STK11-K78E ETLCRRRAVKIL	426	>STK11-K78E ETLCRRRAVEIL	859	433
>STK11-K78E ETLCRRRAVKIL	465	>STK11-K78E ETLCRRRAVEIL	992	527
>STK11-K78E SETLCRRRAVK	11	>STK11-K78E SETLCRRRAVEI	8	3
>STK11-K78E SETLCRRRAVKI	379	>STK11-K78E SETLCRRRAVEI	304	75
>STK11-K78E SETLCRRRAVK	808	>STK11-K78E SETLCRRRAVEI	249	559
>STK11-K78E SETLCRRRAVKI	21	>STK11-K78E SETLCRRRAVEI	33	12
>STK11-L160 LIDGLEYL	149	>STK11-L160 PIDGLEYL	8484	8335
>STK11-L160 LIDGLEYL	42	>STK11-L160 PIDGLEYL	1105	1063
>STK11-L160 LIDGLEYL	86	>STK11-L160 PIDGLEYL	5328	5242
>STK11-L160 LIDGLEYL	20	>STK11-L160 PIDGLEYL	437	417
>STK11-L160 LIDGLEYL	100	>STK11-L160 PIDGLEYL	1494	1394
>STK11-L160 LIDGLEYL	118	>STK11-L160 PIDGLEYL	1371	1253
>STK11-L160 LIDGLEYL	28	>STK11-L160 PIDGLEYL	2039	2011
>STK11-L160 QLIDGLEYL	30269	>STK11-L160 QPIDGLEYL	96	30173
>STK11-L160 QLIDGLEYL	11	>STK11-L160 QPIDGLEYL	19494	19483
>STK11-L160 QLIDGLEYL	3	>STK11-L160 QPIDGLEYL	8377	8374
>STK11-L160 QLIDGLEYL	7	>STK11-L160 QPIDGLEYL	15419	15412
>STK11-L160 QLIDGLEYL	4	>STK11-L160 QPIDGLEYL	923	919
>STK11-L160 QLIDGLEYLH!	314	>STK11-L160 QPIDGLEYLH!	18682	18368
>STK11-L160 QLIDGLEYL	3	>STK11-L160 QPIDGLEYL	13575	13572
>STK11-L160 QLIDGLEYL	5	>STK11-L160 QPIDGLEYL	18249	18244
>STK11-L160 QLIDGLEYL	38	>STK11-L160 QPIDGLEYL	19824	19786
>STK11-L160 QLIDGLEYL	8	>STK11-L160 QPIDGLEYL	19420	19412

>STK11-L160 QLIDGLEYL	2	>STK11-L160 QPIDGLEYL	18837	18835
>STK11-L160 QLIDGLEY	438	>STK11-L160 QPIDGLEY	6215	5777
>STK11-L160 QLIDGLEY	119	>STK11-L160 QPIDGLEY	311	192
>STK11-L160 QLIDGLEYL	96	>STK11-L160 QPIDGLEYL	226	130
>STK11-L160 QLIDGLEY	10	>STK11-L160 QPIDGLEY	118	108
>STK11-L160 QLIDGLEY	345	>STK11-L160 QPIDGLEY	4324	3979
>STK11-L160 QLIDGLEYL	113	>STK11-L160 QPIDGLEYL	1922	1809
>STK11-L160 QLIDGLEYL	245	>STK11-L160 QPIDGLEYL	416	171
>STK11-L160 QLIDGLEY	36	>STK11-L160 QPIDGLEY	1675	1639
>STK11-L160 QLIDGLEY	80	>STK11-L160 QPIDGLEY	7916	7836
>STK11-L160 QLIDGLEY	94	>STK11-L160 QPIDGLEY	1513	1419
>STK11-L160 QLIDGLEY	817	>STK11-L160 QPIDGLEY	14	803
>STK11-L160 QLIDGLEY	23666	>STK11-L160 QPIDGLEY	84	23582
>STK11-L160 QLIDGLEYL	24298	>STK11-L160 QPIDGLEYL	451	23847
>STK11-L160 QLIDGLEY	4945	>STK11-L160 QPIDGLEY	72	4873
>STK11-L160 QLIDGLEY	23961	>STK11-L160 QPIDGLEY	248	23713
>STK11-L160 CQLIDGLEYL	447	>STK11-L160 CQPIDGLEYL	4802	4355
>STK11-L160 CQLIDGLEYL	139	>STK11-L160 CQPIDGLEYL	251	112
>STK11-L160 CQLIDGLEYL	115	>STK11-L160 CQPIDGLEYL	346	231
>STK11-L160 CQLIDGLEY	105	>STK11-L160 CQPIDGLEY	814	709
>STK11-L160 CQLIDGLEY	236	>STK11-L160 CQPIDGLEY	1889	1653
>STK11-L160 CQLIDGLEY	349	>STK11-L160 CQPIDGLEY	663	314
>STK11-L160 CQLIDGLEY	29	>STK11-L160 CQPIDGLEY	325	296
>STK11-L160 FCQLIDGLEY	490	>STK11-L160 FCQPIDGLEY	770	280
>STK11-L160 FCQLIDGL	791	>STK11-L160 FCQPIDGL	492	299
>STK11-L160 FCQLIDGLEYL	203	>STK11-L160 FCQPIDGLEYL	86	117
>STK11-L160 FCQLIDGLEY	259	>STK11-L160 FCQPIDGLEY	449	190
>STK11-L160 FCQLIDGLEY	263	>STK11-L160 FCQPIDGLEY	133	130
>STK11-L160 YFCQLIDGL	275	>STK11-L160 YFCQPIDGL	1625	1350
>STK11-L160 YFCQLIDGL	1016	>STK11-L160 YFCQPIDGL	491	525
>STK11-L160 YFCQLIDGL	17	>STK11-L160 YFCQPIDGL	35	18
>STK11-L160 YFCQLIDGLE\	11	>STK11-L160 YFCQPIDGLE\	12	1
>STK11-L160 YFCQLIDGLE\	32	>STK11-L160 YFCQPIDGLE\	91	59
>STK11-L160 YFCQLIDGLE\	421	>STK11-L160 YFCQPIDGLE\	490	69
>STK11-L160 YFCQLIDGLE\	410	>STK11-L160 YFCQPIDGLE\	124	286
>STK11-L160 YFCQLIDGLE\	188	>STK11-L160 YFCQPIDGLE\	236	48
>STK11-L160 GYFCQLIDGL	12	>STK11-L160 GYFCQPIDGL	22	10
>STK11-L160 GYFCQLIDGL	243	>STK11-L160 GYFCQPIDGL	369	126
>STK11-L160 HGYFCQLI	230	>STK11-L160 HGYFCQPI	255	25
>STK11-L160 AHGYFCQLI	2308	>STK11-L160 AHGYFCQPI	327	1981
>STK11-L160 QAHGYFCQL	77	>STK11-L160 QAHGYFCQP	2772	2695
>STK11-L160 QAHGYFCQLI	1063	>STK11-L160 QAHGYFCQP	497	566
>STK11-L160 QAHGYFCQL	252	>STK11-L160 QAHGYFCQP	11232	10980

>STK11-L160 QAHGYFCQL	233	>STK11-L160 QAHGYFCQP	23355	23122
>STK11-L160 CQAHGYFCQ	326	>STK11-L160 CQAHGYFCQ	1001	675
>STK11-L160 CQAHGYFCQ	454	>STK11-L160 CQAHGYFCQ	540	86
>STK11-L160 CQAHGYFCQ	564	>STK11-L160 CQAHGYFCQ	276	288
>STK11-L160 CQAHGYFCQ	107	>STK11-L160 CQAHGYFCQ	54	53
>STK11-L160 CQAHGYFCQ	153	>STK11-L160 CQAHGYFCQ	3447	3294
>STK11-L160 CQAHGYFCQ	192	>STK11-L160 CQAHGYFCQ	49	143
>STK11-L160 CQAHGYFCQ	387	>STK11-L160 CQAHGYFCQ	20673	20286
>STK11-L160 CQAHGYFCQ	126	>STK11-L160 CQAHGYFCQ	148	22
>STK11-L285 LLKGMLEYEP	57	>STK11-L285 QLKGMLEYEF	184	127
>STK11-L285 LLKGMLEYEP	15	>STK11-L285 QLKGMLEYEF	68	53
>STK11-L285 LLKGMLEYEP	17	>STK11-L285 QLKGMLEYEF	166	149
>STK11-L285 LLKGMLEY	33	>STK11-L285 QLKGMLEY	41	8
>STK11-L285 LLKGMLEY	220	>STK11-L285 QLKGMLEY	427	207
>STK11-L285 LLKGMLEY	91	>STK11-L285 QLKGMLEY	55	36
>STK11-L285 LLKGMLEY	52	>STK11-L285 QLKGMLEY	107	55
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>STK11-L285 DLLKGMLEY	462	>STK11-L285 DQLKGMLEY	6284	5822
>STK11-L285 DLLKGMLEY	118	>STK11-L285 DQLKGMLEY	260	142
>STK11-L285 DLLKGMLEY	30	>STK11-L285 DQLKGMLEY	263	233
>STK11-L285 DLLKGMLEY	10	>STK11-L285 DQLKGMLEY	74	64
>STK11-L285 DLLKGMLEY	170	>STK11-L285 DQLKGMLEY	229	59
>STK11-L285 DLLKGMLEY	3463	>STK11-L285 DQLKGMLEY	222	3241
>STK11-L285 DLLKGMLEY	1723	>STK11-L285 DQLKGMLEY	36	1687
>STK11-L285 SDLLKGML	185	>STK11-L285 SDQLKGML	286	101
>STK11-L285 SDLLKGML	228	>STK11-L285 SDQLKGML	648	420
>STK11-L285 SDLLKGML	1927	>STK11-L285 SDQLKGML	485	1442
>STK11-L285 SDLLKGML	269	>STK11-L285 SDQLKGML	767	498
>STK11-L285 LSDLLKGMLE	6	>STK11-L285 LSDQLKGML	6	0
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>STK11-L285 LSDLLKGMLE	570	>STK11-L285 LSDQLKGML	278	292
>STK11-L285 LSDLLKGMLE	353	>STK11-L285 LSDQLKGML	265	88
>STK11-L285 LSDLLKGM	110	>STK11-L285 LSDQLKGM	67	43
>STK11-L285 LSDLLKGMLE	24	>STK11-L285 LSDQLKGML	18	6
>STK11-L285 LSDLLKGMLE	1185	>STK11-L285 LSDQLKGML	438	747
>STK11-L285 LSDLLKGMML	292	>STK11-L285 LSDQLKGML	120	172
>STK11-L285 LSDLLKGMLE	129	>STK11-L285 LSDQLKGML	61	68
>STK11-L285 PLSDLLKGML	117	>STK11-L285 PLSQLKGML	78	39
>STK11-L285 GPPLSDLL	141	>STK11-L285 GPPLSDQL	961	820
>STK11-L285 CGPPLSDL	92	>STK11-L285 CGPPLSDQ	750	658
>STK11-L285 CGPPLSDLL	109	>STK11-L285 CGPPLSDQL	112	3
>STK11-L285 CGPPLSDLL	17	>STK11-L285 CGPPLSDQL	216	199
>STK11-M1T·MEVVPQQI	83	>STK11-M1T·TEVVPQQI	271	188

>STK11-M1T·MEVVDPQQI	220	>STK11-M1T·TEVVDPQQI	655	435
>STK11-M1T·MEVVDPQQI	351	>STK11-M1T·TEVVDPQQI	379	28
>STK11-M1T·MEVVDPQQI	428	>STK11-M1T·TEVVDPQQI	1648	1220
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>STK11-M1T·MEVVDPQQI	138	>STK11-M1T·TEVVDPQQI	689	551
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>STK11-P179KPGNLLTT	26976	>STK11-P179KLGNLLTT	102	26874
>STK11-P179KPGNLLTT	23197	>STK11-P179KLGNLLTT	338	22859
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>STK11-P179KPGNLLLT	36851	>STK11-P179KLGNLLLT	370	36481
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>STK11-P179KPGNLLTT	20007	>STK11-P179KLGNLLTT	404	19603
>STK11-P179IKPGNLLL	1787	>STK11-P179IKLGNLLL	146	1641
>STK11-P179KDIKPGNL	3385	>STK11-P179KDIKLGNL	469	2916
>STK11-P179KDIKPGNLL	2907	>STK11-P179KDIKLGNLL	204	2703
>STK11-P281PLSDLLKGML	12631	>STK11-P281LLSDLLKGML	464	12167
>STK11-P281PLSDLLKG	8676	>STK11-P281LLSDLLKG	354	8322
>STK11-P281PLSDLLKGM	1198	>STK11-P281LLSDLLKGM	42	1156
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>STK11-P281PLSDLLKGM	12438	>STK11-P281LLSDLLKGM	385	12053
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>STK11-P281PLSDLLKGML	773	>STK11-P281LLSDLLKGML	35	738
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>STK11-P281PLSDLLKGML	2324	>STK11-P281LLSDLLKGML	261	2063
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>STK11-P281PPLSDLLKGM	27922	>STK11-P281PLSDLLKGM	279	27643
>STK11-P281PPLSDLLKGM	22518	>STK11-P281PLSDLLKGM	471	22047
>STK11-P281PPLSDLLKGM	34649	>STK11-P281PLSDLLKGM	292	34357
>STK11-P281SYAIPGDCGP	14522	>STK11-P281SYAIPGDCGP	52	14470
>STK11-P281SYAIPGDCGP	10377	>STK11-P281SYAIPGDCGP	137	10240
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>STK11-P281GPPLSDLL	141	>STK11-P281GPLSDLL	19476	19335
>STK11-P281CGPPLSDL	92	>STK11-P281CGPLSDL	180	88
>STK11-P281CGPPLSDLL	109	>STK11-P281CGPLSDLL	288	179
>STK11-P281CGPPLSDLL	17	>STK11-P281CGPLSDLL	50	33
>STK11-P281IPGDCGPPL	490	>STK11-P281IPGDCGPLL	283	207
>STK11-P281IPGDCGPP	12392	>STK11-P281IPGDCGPL	26	12366

>STK11-P281 IPGDCGPPL	21	>STK11-P281 IPGDCGPPL	143	122
>STK11-P281 IPGDCGPP	8540	>STK11-P281 IPGDCGPL	278	8262
>STK11-P281 IPGDCGPPL	97	>STK11-P281 IPGDCGPPL	1119	1022
>STK11-P281 IPGDCGPPL	762	>STK11-P281 IPGDCGPPL	206	556
>STK11-P281 AIPGDCGPPL	141	>STK11-P281 AIPGDCGPPL	219	78
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>STK11-P281 YAIPGDCGPP	246	>STK11-P281 YAIPGDCGPL	328	82
>STK11-P281 YAIPGDCGPP	24256	>STK11-P281 YAIPGDCGPL	369	23887
>STK11-P281 YAIPGDCGPP	18279	>STK11-P281 YAIPGDCGPL	445	17834
>STK11-P281 YAIPGDCGPP	11049	>STK11-P281 YAIPGDCGPL	230	10819
>STK11-P281 YAIPGDCGPP	17	>STK11-P281 YAIPGDCGPL	27	10
>STK11-P281 YAIPGDCGPP	428	>STK11-P281 YAIPGDCGPL	780	352
>STK11-P281 YAIPGDCGPP	29685	>STK11-P281 YAIPGDCGPL	480	29205
>STK11-P281 YAIPGDCGPP	71	>STK11-P281 YAIPGDCGPL	59	12
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>STK11-P281 YAIPGDCGPP	240	>STK11-P281 YAIPGDCGPL	1066	826
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>STK11-P281 YAIPGDCGPP	239	>STK11-P281 YAIPGDCGPL	923	684
>STK11-P281 YAIPGDCGPP	1812	>STK11-P281 YAIPGDCGPL	496	1316
>STK11-P314 PPAEAPVPI	13778	>STK11-P314 HPAEAPVPI	158	13620
>STK11-P314 PPAEAPVPI	2258	>STK11-P314 HPAEAPVPI	66	2192
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>STK11-P314 PPAEAPVPI	862	>STK11-P314 HPAEAPVPI	35	827
>STK11-P314 PPAEAPVPIPI	4809	>STK11-P314 HPAEAPVPIPI	113	4696
>STK11-P314 PPAEAPVPI	5881	>STK11-P314 HPAEAPVPI	24	5857
>STK11-P314 PPAEAPVPI	815	>STK11-P314 HPAEAPVPI	308	507
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>STK11-P314 HPPAEAPVPI	416	>STK11-P314 HHPAEAPVPI	34519	34103
>STK11-P314 HPPAEAPV	450	>STK11-P314 HHPAEAPV	26083	25633
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>STK11-P314 RQHSWFRKK	7755	>STK11-P314 RQHSWFRKK	287	7468
>STK11-P314 RQHSWFRKK	687	>STK11-P314 RQHSWFRKK	144	543
>STK11-P314 KHPPAEAPVF	11619	>STK11-P314 KHHPAEAPVF	271	11348
>STK11-P314 KHPPAEAPVF	1409	>STK11-P314 KHHPAEAPVF	176	1233
>STK11-P314 KKHPPAEA	257	>STK11-P314 KKHHPAEA	178	79



>STK11-P314 KKHPPAEAP	417	>STK11-P314 KKHHPAEAP	323	94
>STK11-P314 KKHPPAEAPV	30	>STK11-P314 KKHHPAEAPV	23	7
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>STK11-P314 RKKHPPAEAF	296	>STK11-P314 RKKHHPAEAF	156	140
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>STK11-P314 WFRKKHPPA	102	>STK11-P314 WFRKKHHPA	326	224
>STK11-P314 WFRKKHPPA	169	>STK11-P314 WFRKKHHPA	65	104
>STK11-P314 SWFRKKHPP,	297	>STK11-P314 SWFRKKHHP,	717	420
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>STK11-P324 PSPDTKDRW	2634	>STK11-P324 LSPDTKDRWI	241	2393
>STK11-P324 PSPDTKDRW	5792	>STK11-P324 LSPDTKDRW	235	5557
>STK11-P324 PSPDTKDRW	6325	>STK11-P324 LSPDTKDRW	387	5938
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>STK11-P324 PPSPDTKDRV	63	>STK11-P324 PLSPDTKDRV	8957	8894
>STK11-P324 PPAEAPVPIPI	19706	>STK11-P324 PPAEAPVPIPI	166	19540
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>STK11-P324 IPPSPDTKDR\	55	>STK11-P324 IPLSPDTKDR\	18	37
>STK11-P324 IPPSPDTKDR\	47	>STK11-P324 IPLSPDTKDR\	8	39
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>STK11-P324 EAPVPIPP	16886	>STK11-P324 EAPVPIPL	322	16564
>STK11-P324 EAPVPIPP	26220	>STK11-P324 EAPVPIPL	207	26013
>STK11-P324 EAPVPIPPS	2372	>STK11-P324 EAPVPIPLS	243	2129
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>STK11-P6Q- DPQQQLGMF	279	>STK11-P6Q- DQQQLGMF	10594	10315
>STK11-P6Q- VVDPQQQLGM	284	>STK11-P6Q- VVDQQQLGM	1284	1000
>STK11-P6Q- VVDPQQQLGM	173	>STK11-P6Q- VVDQQQLGM	809	636
>STK11-P6Q- EVVDPQQQLG	181	>STK11-P6Q- EVVDQQQLG	79	102

>STK11-P6Q- EVVDPQQQL	656	>STK11-P6Q- EVVDQQQQL	153	503
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>STK11-P6Q- EVVDPQQQL	12	>STK11-P6Q- EVVDQQQQL	13	1
>STK11-P6Q- EVVDPQQQLG	4	>STK11-P6Q- EVVDQQQQLG	4	0
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>STK11-P6Q- EVVDPQQQL	32	>STK11-P6Q- EVVDQQQQL	55	23
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>STK11-P6Q- EVVDPQQQLG	24	>STK11-P6Q- EVVDQQQQLG	63	39
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>STK11-P6Q- MEVVDPQQQL	83	>STK11-P6Q- MEVVDQQQQL	61	22
>STK11-P6Q- MEVVDPQQQL	220	>STK11-P6Q- MEVVDQQQQL	171	49
>STK11-P6Q- MEVVDPQQQL	916	>STK11-P6Q- MEVVDQQQQL	340	576
>STK11-P6Q- MEVVDPQQQL	700	>STK11-P6Q- MEVVDQQQQL	351	349
>STK11-P6Q- MEVVDPQQQL	351	>STK11-P6Q- MEVVDQQQQL	226	125
>STK11-P6Q- MEVVDPQQQL	622	>STK11-P6Q- MEVVDQQQQL	419	203
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>STK11-P6Q- MEVVDPQQQL	27	>STK11-P6Q- MEVVDQQQQL	47	20
>STK11-P6Q- MEVVDPQQQL	138	>STK11-P6Q- MEVVDQQQQL	141	3
>STK11-Q10(QLLRRLRHKN	399	>STK11-Q10(ELLRRLRHKN'	2413	2014
>STK11-Q10(QLLRRLRHKN	29	>STK11-Q10(ELLRRLRHKN'	48	19
>STK11-Q10(QLLRRLRHKN	240	>STK11-Q10(ELLRRLRHKN'	658	418
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>STK11-Q10(QLLRRLRHK	195	>STK11-Q10(ELLRRLRHK	6152	5957
>STK11-Q10(QLLRRLRHKN	3590	>STK11-Q10(ELLRRLRHKN'	367	3223
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>STK11-Q10(IQLLRRLRHK	54	>STK11-Q10(IELLRRLRHK	2992	2938
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>STK11-Q10(IQLLRRLRHK	341	>STK11-Q10(IELLRRLRHK	3622	3281
>STK11-Q10(IQLLRRLR	375	>STK11-Q10(IELLRRLR	1560	1185
>STK11-Q10(IQLLRRLR	226	>STK11-Q10(IELLRRLR	434	208
>STK11-Q10(EIQLLRRLR	30	>STK11-Q10(EIELLRRLR	80	50
>STK11-Q10(EIQLLRRLR	47	>STK11-Q10(EIELLRRLR	35	12
>STK11-Q10(EIQLLRRLRHK	539	>STK11-Q10(EIELLRRLRHK	398	141
>STK11-Q10(KEIQLLRRLR	84	>STK11-Q10(KEIELLRRLR	124	40
>STK11-Q10(KEIQLLRRLR	66	>STK11-Q10(KEIELLRRLR	42	24

>STK11-Q10C KEIQLLRRL	50	>STK11-Q10C KEIELLRRL	41	9
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>STK11-Q10C KEIQLLRRL	6	>STK11-Q10C KEIELLRRL	5	1
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>STK11-Q10C NVKKEIQLLRI	495	>STK11-Q10C NVKKEIELLRF	1061	566
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>STK11-Q12E QKMYMVME	413	>STK11-Q12E RKMVMVME	61	352
>STK11-Q12E QKMYMVME	3	>STK11-Q12E RKMVMVME	2	1
>STK11-Q12E QKMYMVME	1381	>STK11-Q12E RKMVMVME	356	1025
>STK11-Q12E QKMYMVME	85	>STK11-Q12E RKMVMVME	17	68
>STK11-Q12E KQKMYMVM	307	>STK11-Q12E KRKMYMVM	689	382
>STK11-Q12E KQKMYMVM	72	>STK11-Q12E KRKMYMVM	702	630
>STK11-Q12E KQKMYMVM	134	>STK11-Q12E KRKMYMVM	1449	1315
>STK11-Q12E KQKMYMVM	214	>STK11-Q12E KRKMYMVM	1234	1020
>STK11-Q12E KQKMYMVM	145	>STK11-Q12E KRKMYMVM	384	239
>STK11-Q12E KQKMYMVM	35	>STK11-Q12E KRKMYMVM	11593	11558
>STK11-Q12E KQKMYMVM	39	>STK11-Q12E KRKMYMVM	5681	5642
>STK11-Q12E KQKMYMVM	7	>STK11-Q12E KRKMYMVM	34	27
>STK11-Q12E KQKMYMVM	4	>STK11-Q12E KRKMYMVM	12	8
>STK11-Q12E KQKMYMVM	2701	>STK11-Q12E KRKMYMVM	140	2561
>STK11-Q12E KQKMYMVM	3208	>STK11-Q12E KRKMYMVM	33	3175
>STK11-Q12E KQKMYMVM	7800	>STK11-Q12E KRKMYMVM	402	7398
>STK11-Q12E KQKMYMVM	6700	>STK11-Q12E KRKMYMVM	450	6250
>STK11-Q12E LVDVLYNEEK	19852	>STK11-Q12E LVDVLYNEEK	357	19495
>STK11-Q12E EKQKMYMVI	142	>STK11-Q12E EKRKMYMVI	22	120
>STK11-Q12E EKQKMYMVI	44	>STK11-Q12E EKRKMYMVI	10	34
>STK11-Q12E EEKQKMYM	298	>STK11-Q12E EEKRKMYM	417	119
>STK11-Q12E EEKQKMYMV	96	>STK11-Q12E EEKRKMYMV	74	22

>STK11-Q12:EEKQKMYMV	290	>STK11-Q12:EEKRKMVMV	489	199
>STK11-Q12:EEKQKMYMV	189	>STK11-Q12:EEKRKMVMV	283	94
>STK11-Q12:EEKQKMYMV	29	>STK11-Q12:EEKRKMVMV	42	13
>STK11-Q12:EEKQKMYMV	236	>STK11-Q12:EEKRKMVMV	552	316
>STK11-Q12:NEEKQKMYM	107	>STK11-Q12:NEEKRKMVM	70	37
>STK11-Q12:NEEKQKMYM	31	>STK11-Q12:NEEKRKMVM	26	5
>STK11-Q12:NEEKQKMYM	288	>STK11-Q12:NEEKRKMVM	206	82
>STK11-Q12:NEEKQKMY	127	>STK11-Q12:NEEKRKMVM	122	5
>STK11-Q12:NEEKQKMYM	472	>STK11-Q12:NEEKRKMVM	697	225
>STK11-Q12:NEEKQKMYM	171	>STK11-Q12:NEEKRKMVM	217	46
>STK11-Q12:NEEKQKMYM	236	>STK11-Q12:NEEKRKMVM	426	190
>STK11-Q12:LYNEEKQKM	142	>STK11-Q12:LYNEEKRKM	284	142
>STK11-Q12:VLYNEEKQKM	47	>STK11-Q12:VLYNEEKRKM	104	57
>STK11-Q12:VLYNEEKQKM	233	>STK11-Q12:VLYNEEKRKM	1506	1273
>STK11-Q12:VLYNEEKQ	121	>STK11-Q12:VLYNEEKR	6078	5957
>STK11-Q12:VLYNEEKQKM	34	>STK11-Q12:VLYNEEKRKM	218	184
>STK11-Q12:VLYNEEKQK	108	>STK11-Q12:VLYNEEKRK	108	0
>STK11-Q12:VLYNEEKQKM	279	>STK11-Q12:VLYNEEKRKM	443	164
>STK11-Q12:VLYNEEKQKM	209	>STK11-Q12:VLYNEEKRKM	199	10
>STK11-Q12:VLYNEEKQKM	143	>STK11-Q12:VLYNEEKRKM	171	28
>STK11-Q12:VLYNEEKQKM	471	>STK11-Q12:VLYNEEKRKM	1039	568
>STK11-Q12:VLYNEEKQKM	103	>STK11-Q12:VLYNEEKRKM	100	3
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>STK11-Q12:DVLYNEEKQK	222	>STK11-Q12:DVLYNEEKRK	310	88
>STK11-Q12:DVLYNEEKQ	24891	>STK11-Q12:DVLYNEEKR	219	24672
>STK11-Q12:DVLYNEEKQ	3482	>STK11-Q12:DVLYNEEKR	16	3466
>STK11-Q37LQPRRKRAK	452	>STK11-Q37LPRRKRAK	80	372
>STK11-Q37LQPRRKRAKL	13	>STK11-Q37LPRRKRAKL	8	5
>STK11-Q37LQPRRKRAKLI	229	>STK11-Q37LPRRKRAKLI	370	141
>STK11-Q37LQPRRKRAKL	17	>STK11-Q37LPRRKRAKL	15	2
>STK11-Q37LQPRRKRAKLI	481	>STK11-Q37LPRRKRAKLI	317	164
>STK11-Q37LQPRRKRAKL	327	>STK11-Q37LPRRKRAKL	340	13
>STK11-Q37LYQPRRKRAKL	29	>STK11-Q37LYLPRRKRAKLI	538	509
>STK11-Q37LYQPRRKRAKL	4867	>STK11-Q37LYLPRRKRAKL	417	4450
>STK11-Q37LYQPRRKRA	5184	>STK11-Q37LYLPRRKRA	351	4833
>STK11-Q37LYQPRRKRAKL	3946	>STK11-Q37LYLPRRKRAKL	434	3512
>STK11-Q37LYQPRRKRAKL	2620	>STK11-Q37LYLPRRKRAKLI	132	2488
>STK11-Q37LYQPRRKRA	11027	>STK11-Q37LYLPRRKRA	336	10691
>STK11-Q37LYQPRRKRAKL	5811	>STK11-Q37LYLPRRKRAKL	85	5726
>STK11-Q37LYQPRRKRAKL	6757	>STK11-Q37LYLPRRKRAKLI	92	6665
>STK11-Q37LYQPRRKRAKL	14259	>STK11-Q37LYLPRRKRAKL	441	13818
>STK11-Q37LYQPRRKRA	17673	>STK11-Q37LYLPRRKRA	15	17658
>STK11-Q37LYQPRRKRAKL	6329	>STK11-Q37LYLPRRKRAKL	6	6323

>STK11-Q37L YQPRRKRAKL	20822	>STK11-Q37L YLPRRKRAKLI	29	20793
>STK11-Q37L YQPRRKRA	4341	>STK11-Q37L YLPRRKRA	375	3966
>STK11-Q37L YQPRRKRAKL	2405	>STK11-Q37L YLPRRKRAKLI	167	2238
>STK11-Q37L HRIDSTEVIYC	4868	>STK11-Q37L HRIDSTEVIYL	271	4597
>STK11-Q37L HRIDSTEVIYC	4602	>STK11-Q37L HRIDSTEVIYL	303	4299
>STK11-Q37L HRIDSTEVIYC	8645	>STK11-Q37L HRIDSTEVIYL	26	8619
>STK11-Q37L HRIDSTEVIYC	10058	>STK11-Q37L HRIDSTEVIYL	131	9927
>STK11-Q37L IYQPRRKRAK	1133	>STK11-Q37L IYLPRRKRAKL	233	900
>STK11-Q37L IYQPRRKRAK	101	>STK11-Q37L IYLPRRKRAKL	141	40
>STK11-Q37L IYQPRRKRAK	185	>STK11-Q37L IYLPRRKRAKL	182	3
>STK11-Q37L IYQPRRKRAK	478	>STK11-Q37L IYLPRRKRAKL	508	30
>STK11-Q37L IYQPRRKRAK	24	>STK11-Q37L IYLPRRKRAKL	17	7
>STK11-Q37L IYQPRRKRAK	189	>STK11-Q37L IYLPRRKRAK	49	140
>STK11-Q37L IYQPRRKR	35	>STK11-Q37L IYLPRRKR	28	7
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>STK11-Q37L IYQPRRKR	77	>STK11-Q37L IYLPRRKR	36	41
>STK11-Q37L VIYQPRRK	44	>STK11-Q37L VIYLPRRK	41	3
>STK11-Q37L VIYQPRRKR	499	>STK11-Q37L VIYLPRRKR	348	151
>STK11-Q37L VIYQPRRKRA	46	>STK11-Q37L VIYLPRRKRAK	43	3
>STK11-Q37L VIYQPRRK	99	>STK11-Q37L VIYLPRRK	59	40
>STK11-Q37L VIYQPRRKRA	181	>STK11-Q37L VIYLPRRKRAK	104	77
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>STK11-Q37L VIYQPRRKR	318	>STK11-Q37L VIYLPRRKR	556	238
>STK11-Q37L EVIYQPRR	268	>STK11-Q37L EVIYLPRR	143	125
>STK11-Q37L EVIYQPRRKR	454	>STK11-Q37L EVIYLPRRKR	186	268
>STK11-Q37L EVIYQPRR	160	>STK11-Q37L EVIYLPRR	77	83
>STK11-Q37L EVIYQPRR	5	>STK11-Q37L EVIYLPRR	4	1
>STK11-Q37L EVIYQPRRK	34	>STK11-Q37L EVIYLPRRK	18	16
>STK11-Q37L EVIYQPRRKR	33	>STK11-Q37L EVIYLPRRKR	11	22
>STK11-Q37L EVIYQPRRKR,	175	>STK11-Q37L EVIYLPRRKR	78	97
>STK11-Q37L TEVIYQPR	736	>STK11-Q37L TEVIYLPR	433	303
>STK11-Q37L TEVIYQPR	372	>STK11-Q37L TEVIYLPR	175	197
>STK11-Q37L STEVIYQPR	503	>STK11-Q37L STEVIYLPR	51	452
>STK11-Q37L STEVIYQPRR	1104	>STK11-Q37L STEVIYLPRR	428	676
>STK11-Q37L STEVIYQPRRI	122	>STK11-Q37L STEVIYLPRRK	73	49
>STK11-Q37L STEVIYQPRRI	349	>STK11-Q37L STEVIYLPRRK	378	29
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>STK11-Q37L STEVIYQPR	35	>STK11-Q37L STEVIYLPR	32	3
>STK11-Q37L STEVIYQPRR	276	>STK11-Q37L STEVIYLPRR	161	115
>STK11-Q37L STEVIYQPRRI	526	>STK11-Q37L STEVIYLPRRK	397	129
>STK11-Q37L STEVIYQPR	1342	>STK11-Q37L STEVIYLPR	188	1154
>STK11-Q37L STEVIYQPRR	354	>STK11-Q37L STEVIYLPRR	178	176

>STK11-Q37L STEVIYQPRRI	284	>STK11-Q37L STEVIYLP RRK	164	120
>STK11-Q37L STEVIYQPR	1100	>STK11-Q37L STEVIYLPR	169	931
>STK11-Q37L DSTEVIYQ	5072	>STK11-Q37L DSTEVIYL	436	4636
>STK11-Q37L DSTEVIYQPR	441	>STK11-Q37L DSTEVIYLPR	315	126
>STK11-Q37L DSTEVIYQPR	48	>STK11-Q37L DSTEVIYLPR	28	20
>STK11-Q37L DSTEVIYQPR	42	>STK11-Q37L DSTEVIYLPRF	33	9
>STK11-Q37L DSTEVIYQPR	12	>STK11-Q37L DSTEVIYLPR	10	2
>STK11-Q37L DSTEVIYQPR	10	>STK11-Q37L DSTEVIYLPRF	10	0
>STK11-Q37L DSTEVIYQ	8983	>STK11-Q37L DSTEVIYL	98	8885
>STK11-Q37L IDSTEVIYQPR	711	>STK11-Q37L IDSTEVIYLPR	231	480
>STK11-Q37L RIDSTEVIYQ	15711	>STK11-Q37L RIDSTEVIYL	176	15535
>STK11-Q37L RIDSTEVIYQ	14294	>STK11-Q37L RIDSTEVIYL	83	14211
>STK11-Q37L RIDSTEVIYQ	17077	>STK11-Q37L RIDSTEVIYL	315	16762
>STK11-Q37L RIDSTEVIYQ	16461	>STK11-Q37L RIDSTEVIYL	230	16231
>STK11-Q37L RIDSTEVIYQ	2925	>STK11-Q37L RIDSTEVIYL	40	2885
>STK11-Q37L RIDSTEVIYQ	18670	>STK11-Q37L RIDSTEVIYL	406	18264
>STK11-Q37L RIDSTEVIYQ	10180	>STK11-Q37L RIDSTEVIYL	112	10068
>STK11-R297 RFSIRQIR	11	>STK11-R297 SFSIRQIR	32	21
>STK11-R297 RFSIRQIR	1144	>STK11-R297 SFSIRQIR	375	769
>STK11-R297 RFSIRQIR	33	>STK11-R297 SFSIRQIR	128	95
>STK11-R297 KRFSIRQIR	23310	>STK11-R297 KSFSIRQIR	207	23103
>STK11-R297 KRFSIRQI	5049	>STK11-R297 KSFSIRQI	61	4988
>STK11-R297 KRFSIRQIR	6934	>STK11-R297 KSFSIRQIR	108	6826
>STK11-R297 KRFSIRQIRQ	8849	>STK11-R297 KSFSIRQIRQ	361	8488
>STK11-R297 KRFSIRQIR	325	>STK11-R297 KSFSIRQIR	8	317
>STK11-R297 KRFSIRQIRQ†	12626	>STK11-R297 KSFSIRQIRQ†	286	12340
>STK11-R297 KRFSIRQI	642	>STK11-R297 KSFSIRQI	13	629
>STK11-R297 KRFSIRQIR	4137	>STK11-R297 KSFSIRQIR	41	4096
>STK11-R297 KRFSIRQI	84	>STK11-R297 KSFSIRQI	229	145
>STK11-R297 KRFSIRQIR	138	>STK11-R297 KSFSIRQIR	306	168
>STK11-R297 KRFSIRQIRQ†	354	>STK11-R297 KSFSIRQIRQ†	1092	738
>STK11-R297 KRFSIRQI	21888	>STK11-R297 KSFSIRQI	27	21861
>STK11-R297 KRFSIRQIRQ†	27530	>STK11-R297 KSFSIRQIRQ†	342	27188
>STK11-R297 KRFSIRQI	20	>STK11-R297 KSFSIRQI	12525	12505
>STK11-R297 KRFSIRQIR	36	>STK11-R297 KSFSIRQIR	13989	13953
>STK11-R297 KRFSIRQIRQ	153	>STK11-R297 KSFSIRQIRQ	24580	24427
>STK11-R297 KRFSIRQIRQ†	37	>STK11-R297 KSFSIRQIRQ†	14357	14320
>STK11-R297 KRFSIRQI	21129	>STK11-R297 KSFSIRQI	214	20915
>STK11-R297 KRFSIRQI	19915	>STK11-R297 KSFSIRQI	72	19843
>STK11-R297 KRFSIRQIR	12207	>STK11-R297 KSFSIRQIR	380	11827
>STK11-R297 KRFSIRQIRQ†	4270	>STK11-R297 KSFSIRQIRQ†	83	4187
>STK11-R297 KRFSIRQI	26	>STK11-R297 KSFSIRQI	4249	4223
>STK11-R297 KRFSIRQIR	209	>STK11-R297 KSFSIRQIR	16148	15939

>STK11-R297KRFSIRQIRQI	160	>STK11-R297KSFSIRQIRQI	13352	13192
>STK11-R297KRFSIRQI	259	>STK11-R297KSFSIRQI	11689	11430
>STK11-R297KRFSIRQIR	450	>STK11-R297KSFSIRQIR	27459	27009
>STK11-R297KRFSIRQIR	34	>STK11-R297KSFSIRQIR	41	7
>STK11-R297KRFSIRQI	307	>STK11-R297KSFSIRQI	10	297
>STK11-R297KGMLEYEPAI	254	>STK11-R297KGMLEYEPAI	21900	21646
>STK11-R297KGMLEYEPAI	59	>STK11-R297KGMLEYEPAI	25476	25417
>STK11-R297AKRFSIRQI	457	>STK11-R297AKSFSIRQI	10707	10250
>STK11-R297AKRFSIRQIR	239	>STK11-R297AKSFSIRQIR	216	23
>STK11-R297AKRFSIRQI	39	>STK11-R297AKSFSIRQI	110	71
>STK11-R297AKRFSIRQIR	128	>STK11-R297AKSFSIRQIR	296	168
>STK11-R297PAKRFSIR	372	>STK11-R297PAKSFSIR	372	0
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>STK11-R297EPAKRFSIR	68	>STK11-R297EPAKSFSIR	26	42
>STK11-R297EPAKRFSI	877	>STK11-R297EPAKSFSI	472	405
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>STK11-R297EPAKRFSIRQI	912	>STK11-R297EPAKSFSIRQI	385	527
>STK11-R297EPAKRFSI	70	>STK11-R297EPAKSFSI	214	144
>STK11-R297EPAKRFSIRQI	291	>STK11-R297EPAKSFSIRQI	452	161
>STK11-R297EPAKRFSI	71	>STK11-R297EPAKSFSI	619	548
>STK11-R297EPAKRFSIRQI	223	>STK11-R297EPAKSFSIRQI	1667	1444
>STK11-R297EPAKRFSI	631	>STK11-R297EPAKSFSI	216	415
>STK11-R297EPAKRFSIRQI	566	>STK11-R297EPAKSFSIRQI	408	158
>STK11-R297EPAKRFSI	139	>STK11-R297EPAKSFSI	57	82
>STK11-R297EPAKRFSIRQI	1036	>STK11-R297EPAKSFSIRQI	460	576
>STK11-R297YEPAKRFSI	20	>STK11-R297YEPAKSFSI	19	1
>STK11-R297YEPAKRFSI	2792	>STK11-R297YEPAKSFSI	498	2294
>STK11-R297YEPAKRFSI	225	>STK11-R297YEPAKSFSI	289	64
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>STK11-R297EYEPAKRFSI	290	>STK11-R297EYEPAKSFSI	226	64
>STK11-R297EYEPAKRF	84	>STK11-R297EYEPAKSF	45	39
>STK11-R297EYEPAKRFSI	234	>STK11-R297EYEPAKSFSI	143	91
>STK11-R297EYEPAKRFSIR	123	>STK11-R297EYEPAKSFSIR	146	23
>STK11-R297EYEPAKRFSIR	282	>STK11-R297EYEPAKSFSIR	117	165
>STK11-R297EYEPAKRFSIR	86	>STK11-R297EYEPAKSFSIR	90	4
>STK11-R297LEYEPAKRF	218	>STK11-R297LEYEPAKSF	43	175
>STK11-R297LEYEPAKRFS	249	>STK11-R297LEYEPAKSFS	188	61
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>STK11-R297LEYEPAKRF	923	>STK11-R297LEYEPAKSF	297	626
>STK11-R297LEYEPAKRF	48	>STK11-R297LEYEPAKSF	9	39
>STK11-R297LEYEPAKRFSI	773	>STK11-R297LEYEPAKSFSI	418	355
>STK11-R297LEYEPAKRF	48	>STK11-R297LEYEPAKSF	9	39

>STK11-R297 LEYEPAKRFSI	158	>STK11-R297 LEYEPAKSFSI	141	17
>STK11-R297 LEYEPAKRF	1170	>STK11-R297 LEYEPAKSF	308	862
>STK11-R297 LEYEPAKRFSI	69	>STK11-R297 LEYEPAKSFSI	50	19
>STK11-R297 LEYEPAKRFSI	116	>STK11-R297 LEYEPAKSFSI	94	22
>STK11-R297 LEYEPAKRF	328	>STK11-R297 LEYEPAKSF	137	191
>STK11-R297 LEYEPAKRF	126	>STK11-R297 LEYEPAKSF	103	23
>STK11-R297 LEYEPAKRF	149	>STK11-R297 LEYEPAKSF	120	29
>STK11-R297 LEYEPAKRFSI	7	>STK11-R297 LEYEPAKSFSI	6	1
>STK11-R297 LEYEPAKRFSI	275	>STK11-R297 LEYEPAKSFSI	174	101
>STK11-R297 MLEYEPAKR	78	>STK11-R297 MLEYEPAKS	28189	28111
>STK11-R297 MLEYEPAKRF	940	>STK11-R297 MLEYEPAKSF	155	785
>STK11-R297 MLEYEPAKR	485	>STK11-R297 MLEYEPAKS	33836	33351
>STK11-R297 GMLEYEPAKF	964	>STK11-R297 GMLEYEPAKS	79	885
>STK11-R297 GMLEYEPAKF	86	>STK11-R297 GMLEYEPAKS	74	12
>STK11-R297 GMLEYEPAKF	4421	>STK11-R297 GMLEYEPAKS	364	4057
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>STK11-R297 GMLEYEPAKF	1106	>STK11-R297 GMLEYEPAKS	255	851
>STK11-R297 GMLEYEPAKF	764	>STK11-R297 GMLEYEPAKS	334	430
>STK11-R297 GMLEYEPAKF	44	>STK11-R297 GMLEYEPAKS	11	33
>STK11-R297 GMLEYEPAKF	135	>STK11-R297 GMLEYEPAKS	160	25
>STK11-R304 RQHSWFRK	91	>STK11-R304 GQHSWFRK	365	274
>STK11-R304 RQHSWFRKK	106	>STK11-R304 GQHSWFRKK	491	385
>STK11-R304 RQHSWFRK	30	>STK11-R304 GQHSWFRK	38	8
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>STK11-R304 RQHSWFRK	11	>STK11-R304 GQHSWFRK	441	430
>STK11-R304 RQHSWFRKK	17	>STK11-R304 GQHSWFRKK	1402	1385
>STK11-R304 RQHSWFRK	14	>STK11-R304 GQHSWFRK	102	88
>STK11-R304 RQHSWFRKK	22	>STK11-R304 GQHSWFRKK	402	380
>STK11-R304 RQHSWFRK	366	>STK11-R304 GQHSWFRK	4148	3782
>STK11-R304 RQHSWFRKK	214	>STK11-R304 GQHSWFRKK	2175	1961
>STK11-R304 RQHSWFRKK	116	>STK11-R304 GQHSWFRKK	1665	1549
>STK11-R304 RQHSWFRK	57	>STK11-R304 GQHSWFRK	604	547
>STK11-R304 RQHSWFRKK	33	>STK11-R304 GQHSWFRKK	266	233
>STK11-R304 RQHSWFRKK	449	>STK11-R304 GQHSWFRKK	2150	1701
>STK11-R304 RQHSWFRK	609	>STK11-R304 GQHSWFRK	236	373
>STK11-R304 RQHSWFRK	344	>STK11-R304 GQHSWFRK	6930	6586
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>STK11-R304 IRQHSWFRK	8115	>STK11-R304 IGQHSWFRK	391	7724
>STK11-R304 IRQHSWFR	1948	>STK11-R304 IGQHSWFR	49	1899
>STK11-R304 IRQHSWFR	344	>STK11-R304 IGQHSWFR	22235	21891
>STK11-R304 IRQHSWFRK	91	>STK11-R304 IGQHSWFRK	21173	21082
>STK11-R304 IRQHSWFRKK	71	>STK11-R304 IGQHSWFRKI	25534	25463
>STK11-R304 IRQHSWFRKK	447	>STK11-R304 IGQHSWFRKI	24428	23981



>STK11-R304IRQHSWFRK	440	>STK11-R304IGQHSWFRK	36510	36070
>STK11-R304IRQHSWFRKI	277	>STK11-R304IGQHSWFRKI	27669	27392
>STK11-R304IRQHSWFRK	403	>STK11-R304IGQHSWFRK	138	265
>STK11-R304IRQHSWFRKI	1853	>STK11-R304IGQHSWFRKI	409	1444
>STK11-R304IRQHSWFR	196	>STK11-R304IGQHSWFR	150	46
>STK11-R304PAKRFSIRQIR	429	>STK11-R304PAKRFSIRQIC	22752	22323
>STK11-R304QIRQHSWFR	194	>STK11-R304QIGQHSWFR	319	125
>STK11-R304QIRQHSWFR	180	>STK11-R304QIGQHSWFR	482	302
>STK11-R304QIRQHSWFR	134	>STK11-R304QIGQHSWFR	95	39
>STK11-R304QIRQHSWFR	2604	>STK11-R304QIGQHSWFR	440	2164
>STK11-R304QIRQHSWF	171	>STK11-R304QIGQHSWF	262	91
>STK11-R304QIRQHSWFR	147	>STK11-R304QIGQHSWFR	14384	14237
>STK11-R304QIRQHSWFR	8	>STK11-R304QIGQHSWFR	3488	3480
>STK11-R304QIRQHSWFR	15	>STK11-R304QIGQHSWFR	7430	7415
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>STK11-R304QIRQHSWFR	35	>STK11-R304QIGQHSWFR	308	273
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>STK11-R304QIRQHSWF	326	>STK11-R304QIGQHSWF	1141	815
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>STK11-R304QIRQHSWFR	41	>STK11-R304QIGQHSWFR	25	16
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>STK11-R304RQIRQHSWF	1276	>STK11-R304RQIGQHSWF	369	907
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>STK11-R304RQIRQHSWF	393	>STK11-R304RQIGQHSWF	167	226
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>STK11-R304RQIRQHSW	32	>STK11-R304RQIGQHSW	118	86
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>STK11-R304 RQIRQHSWF	360	>STK11-R304 RQIGQHSWF	110	250
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>STK11-R304 RQIRQHSW	123	>STK11-R304 RQIGQHSW	133	10
>STK11-R304 RQIRQHSW	23	>STK11-R304 RQIGQHSW	27	4
>STK11-R304 RQIRQHSWF	463	>STK11-R304 RQIGQHSWF	407	56
>STK11-R304 RQIRQHSW	338	>STK11-R304 RQIGQHSW	2088	1750
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>STK11-R304 SIRQIRQHSW	364	>STK11-R304 SIRQIGQHSM	336	28
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>STK11-R304 SIRQIRQHSW	436	>STK11-R304 SIRQIGQHSM	202	234
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>STK11-R304 FSIRQIRQHS\	38	>STK11-R304 FSIRQIGQHS\	39	1
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>STK11-R304 RFSIRQIR	33	>STK11-R304 RFSIRQIG	30418	30385
>STK11-R304 KRFSIRQIR	325	>STK11-R304 KRFSIRQIG	18840	18515
>STK11-R304 KRFSIRQIR	138	>STK11-R304 KRFSIRQIG	1420	1282
>STK11-R304 KRFSIRQIRQ†	354	>STK11-R304 KRFSIRQIGQ†	707	353
>STK11-R304 KRFSIRQIR	36	>STK11-R304 KRFSIRQIG	596	560
>STK11-R304 KRFSIRQIRQ	153	>STK11-R304 KRFSIRQIGQ	258	105
>STK11-R304 KRFSIRQIRQ†	37	>STK11-R304 KRFSIRQIGQ†	42	5
>STK11-R304 KRFSIRQIR	2840	>STK11-R304 KRFSIRQIG	343	2497

>STK11-R304KRFSIRQIR	209	>STK11-R304KRFSIRQIG	319	110
>STK11-R304KRFSIRQIRQI	160	>STK11-R304KRFSIRQIGQI	234	74
>STK11-R304KRFSIRQIR	450	>STK11-R304KRFSIRQIG	1419	969
>STK11-R304KRFSIRQIR	34	>STK11-R304KRFSIRQIG	26768	26734
>STK11-R304AKRFSIRQIR	239	>STK11-R304AKRFSIRQIG	27439	27200
>STK11-R304AKRFSIRQIR	128	>STK11-R304AKRFSIRQIG	1493	1365
>STK11-R304RQHSWFRK	91	>STK11-R304WQHSWFRK	3344	3253
>STK11-R304RQHSWFRKK	106	>STK11-R304WQHSWFRKI	4783	4677
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>STK11-R304RQHSWFRKK	77	>STK11-R304WQHSWFRKI	3047	2970
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>STK11-R304RQHSWFRKK	17	>STK11-R304WQHSWFRKI	8274	8257
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>STK11-R304RQHSWFRKK	22	>STK11-R304WQHSWFRKI	2868	2846
>STK11-R304RQHSWFRK	366	>STK11-R304WQHSWFRK	946	580
>STK11-R304RQHSWFRKK	214	>STK11-R304WQHSWFRKI	462	248
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>STK11-R304RQHSWFRK	57	>STK11-R304WQHSWFRK	413	356
>STK11-R304RQHSWFRKK	33	>STK11-R304WQHSWFRKI	259	226
>STK11-R304RQHSWFRKK	449	>STK11-R304WQHSWFRKI	3587	3138
>STK11-R304RQHSWFRK	344	>STK11-R304WQHSWFRK	1413	1069
>STK11-R304RQHSWFRKK	349	>STK11-R304WQHSWFRKI	1433	1084
>STK11-R304IRQHSWFRK	8223	>STK11-R304IWQHSWFRK	115	8108
>STK11-R304IRQHSWFR	1948	>STK11-R304IWQHSWFR	23	1925
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>STK11-R304IRQHSWFR	1567	>STK11-R304IWQHSWFR	102	1465
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>STK11-R304IRQHSWFRK	91	>STK11-R304IWQHSWFRK	12591	12500
>STK11-R304IRQHSWFRKI	71	>STK11-R304IWQHSWFRK	7866	7795
>STK11-R304IRQHSWFRKI	447	>STK11-R304IWQHSWFRK	18727	18280
>STK11-R304IRQHSWFRK	440	>STK11-R304IWQHSWFRK	34907	34467
>STK11-R304IRQHSWFRKI	277	>STK11-R304IWQHSWFRK	10625	10348
>STK11-R304IRQHSWFRK	403	>STK11-R304IWQHSWFRK	341	62
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>STK11-R304IRQHSWFRK	9642	>STK11-R304IWQHSWFRK	97	9545
>STK11-R304IRQHSWFRKI	8184	>STK11-R304IWQHSWFRK	163	8021
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>STK11-R304PAKRFSIRQIR	429	>STK11-R304PAKRFSIRQIV	21472	21043
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>STK11-R304QIRQHSWFR	6598	>STK11-R304QIWQHSWFF	402	6196
>STK11-R304QIRQHSWFR	134	>STK11-R304QIWQHSWFF	58	76

>STK11-R304 QIRQHSWFR	2604	>STK11-R304 QIWQHSWFF	171	2433
>STK11-R304 QIRQHSWF	171	>STK11-R304 QIWQHSWF	229	58
>STK11-R304 QIRQHSWFR	147	>STK11-R304 QIWQHSWFF	12525	12378
>STK11-R304 QIRQHSWFR	8	>STK11-R304 QIWQHSWFF	1469	1461
>STK11-R304 QIRQHSWFR	15	>STK11-R304 QIWQHSWFF	4336	4321
>STK11-R304 QIRQHSWFR	25	>STK11-R304 QIWQHSWFF	16	9
>STK11-R304 QIRQHSWFR	143	>STK11-R304 QIWQHSWFF	190	47
>STK11-R304 QIRQHSWF	7357	>STK11-R304 QIWQHSWF	290	7067
>STK11-R304 QIRQHSWFR	35	>STK11-R304 QIWQHSWFF	25	10
>STK11-R304 QIRQHSWFR	135	>STK11-R304 QIWQHSWFF	46	89
>STK11-R304 QIRQHSWFR	593	>STK11-R304 QIWQHSWFF	410	183
>STK11-R304 QIRQHSWF	326	>STK11-R304 QIWQHSWF	1388	1062
>STK11-R304 QIRQHSWF	447	>STK11-R304 QIWQHSWF	308	139
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>STK11-R304 QIRQHSWFR	945	>STK11-R304 QIWQHSWFF	278	667
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>STK11-R304 QIRQHSWFR	1221	>STK11-R304 QIWQHSWFF	128	1093
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>STK11-R304 RQIRQHSWF	142	>STK11-R304 RQIWQHSWF	116	26
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>STK11-R304 RQIRQHSWF	34	>STK11-R304 RQIWQHSWF	18	16
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>STK11-R304 RQIRQHSWF	534	>STK11-R304 RQIWQHSWF	432	102
>STK11-R304 RQIRQHSWF	393	>STK11-R304 RQIWQHSWF	656	263
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>STK11-R304 RQIRQHSWF	21	>STK11-R304 RQIWQHSWF	20	1
>STK11-R304 RQIRQHSW	297	>STK11-R304 RQIWQHSW	99	198
>STK11-R304 RQIRQHSWF	1567	>STK11-R304 RQIWQHSWF	440	1127
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>STK11-R304 RQIRQHSWF	731	>STK11-R304 RQIWQHSWF	194	537
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>STK11-R304 RQIRQHSWF	374	>STK11-R304 RQIWQHSWF	1200	826
>STK11-R304 RQIRQHSW	369	>STK11-R304 RQIWQHSW	209	160
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>STK11-R304 RQIRQHSWF	261	>STK11-R304 RQIWQHSWF	123	138
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>STK11-R304 IRQIRQHSWF	186	>STK11-R304 IRQIWQHSW	185	1
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>STK11-R304 RFSIRQIR	11	>STK11-R304 RFSIRQIW	8334	8323
>STK11-R304 RFSIRQIRQH	1413	>STK11-R304 RFSIRQIWQH	424	989
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>STK11-R304 RFSIRQIR	33	>STK11-R304 RFSIRQIW	22848	22815
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>STK11-R304 AKRFSIRQIR	239	>STK11-R304 AKRFSIRQIW	25365	25126
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>STK11-R409 GRAPNPARK	126	>STK11-R409 GWAPNPARK	23392	23266
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>STK11-R409 GRAPNPARK	32822	>STK11-R409 GWAPNPARK	317	32505
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>STK11-R409 AEGRAPNPA	12	>STK11-R409 AEGWAPNPA	7	5
>STK11-R409 RAEGRAPNPA	123	>STK11-R409 RAEGWAPNPA	120	3
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>STK11-R409 KSRAEGRA	11	>STK11-R409 KSRAEGWA	12	1
>STK11-R409 KSRAEGRAP	123	>STK11-R409 KSRAEGWAP	226	103
>STK11-R409 KSRAEGRAPN	26	>STK11-R409 KSRAEGWAP	30	4
>STK11-R409 KSRAEGRAPN	43	>STK11-R409 KSRAEGWAP	67	24
>STK11-R409 STKSRAEGRA	264	>STK11-R409 STKSRAEGWA	273	9
>STK11-R409 STKSRAEGR	41	>STK11-R409 STKSRAEGW	18586	18545
>STK11-R409 STKSRAEGR	20	>STK11-R409 STKSRAEGW	19140	19120
>STK11-R409 STKSRAEGR	15438	>STK11-R409 STKSRAEGW	9	15429
>STK11-R409 STKSRAEGR	25234	>STK11-R409 STKSRAEGW	80	25154
>STK11-R409 STKSRAEGR	2216	>STK11-R409 STKSRAEGW	223	1993
>STK11-R409 STKSRAEGRA	1117	>STK11-R409 STKSRAEGWA	188	929
>STK11-R409 LSTKSRAEGR	190	>STK11-R409 LSTKSRAEGM	30455	30265
>STK11-R409 LSTKSRAEGR	249	>STK11-R409 LSTKSRAEGM	36888	36639
>STK11-R409 LSTKSRAEGR	12709	>STK11-R409 LSTKSRAEGM	7	12702
>STK11-R409 LSTKSRAEGR	22433	>STK11-R409 LSTKSRAEGM	49	22384
>STK11-R409 LSTKSRAEGR	20170	>STK11-R409 LSTKSRAEGM	14	20156
>STK11-R409 LSTKSRAEGR	27225	>STK11-R409 LSTKSRAEGM	249	26976
>STK11-R426 RLSACKQQ	1091	>STK11-R426 WLSACKQQ	227	864
>STK11-R426 RRLSACKQ	351	>STK11-R426 RWLSACKQ	17274	16923
>STK11-R426 RRLSACKQ	326	>STK11-R426 RWLSACKQ	19333	19007
>STK11-R426 RRLSACKQ	12633	>STK11-R426 RWLSACKQ	136	12497
>STK11-R426 RRLSACKQ	30482	>STK11-R426 RWLSACKQ	158	30324
>STK11-R426 RRLSACKQQ	28077	>STK11-R426 RWLSACKQQ	112	27965
>STK11-R426 KACSASSKIRV	18	>STK11-R426 KACSASSKIRV	13430	13412
>STK11-R426 KACSASSKIRV	413	>STK11-R426 KACSASSKIRV	36437	36024
>STK11-R426 KACSASSKIRV	10410	>STK11-R426 KACSASSKIRV	11	10399

>STK11-R426 KACSASSKIRF	20303	>STK11-R426 KACSASSKIRV	68	20235
>STK11-R426 KACSASSKIRF	20705	>STK11-R426 KACSASSKIRV	17	20688
>STK11-R426 KACSASSKIRF	154	>STK11-R426 KACSASSKIRV	31623	31469
>STK11-R426 IRRLSACK	259	>STK11-R426 IRWLSACK	10665	10406
>STK11-R426 IRRLSACK	1005	>STK11-R426 IRWLSACK	52	953
>STK11-R426 KIRRLSACK	49	>STK11-R426 KIRWLSACK	44	5
>STK11-R426 KIRRLSACK	629	>STK11-R426 KIRWLSACK	247	382
>STK11-R426 KIRRLSAC	48	>STK11-R426 KIRWLSAC	318	270
>STK11-R426 KIRRLSACK	3	>STK11-R426 KIRWLSACK	4	1
>STK11-R426 KIRRLSACKQ	16	>STK11-R426 KIRWLSACKC	60	44
>STK11-R426 KIRRLSACKQ	33	>STK11-R426 KIRWLSACKC	140	107
>STK11-R426 KIRRLSACK	51	>STK11-R426 KIRWLSACK	44	7
>STK11-R426 SKIRRLSA	495	>STK11-R426 SKIRWLSA	512	17
>STK11-R426 SSKIRRLSACK	89	>STK11-R426 SSKIRWLSAC	78	11
>STK11-R426 SSKIRRLS	303	>STK11-R426 SSKIRWLS	388	85
>STK11-R426 SSKIRRLSA	8	>STK11-R426 SSKIRWLSA	7	1
>STK11-R426 SSKIRRLSACK	5	>STK11-R426 SSKIRWLSAC	6	1
>STK11-R426 SSKIRRLSACK	143	>STK11-R426 SSKIRWLSAC	144	1
>STK11-R426 SSKIRRLSA	31	>STK11-R426 SSKIRWLSA	107	76
>STK11-R426 SSKIRRLSACK	979	>STK11-R426 SSKIRWLSAC	310	669
>STK11-R426 ASSKIRRLSA	209	>STK11-R426 ASSKIRWLSA	215	6
>STK11-R426 ASSKIRRL	183	>STK11-R426 ASSKIRWL	198	15
>STK11-R426 ASSKIRRL	217	>STK11-R426 ASSKIRWL	1153	936
>STK11-R426 SASSKIRR	83	>STK11-R426 SASSKIRW	20646	20563
>STK11-R426 SASSKIRR	65	>STK11-R426 SASSKIRW	26523	26458
>STK11-R426 SASSKIRRLSA	406	>STK11-R426 SASSKIRWLSA	876	470
>STK11-R426 SASSKIRR	18272	>STK11-R426 SASSKIRW	51	18221
>STK11-R426 SASSKIRR	34853	>STK11-R426 SASSKIRW	405	34448
>STK11-R426 SASSKIRR	24531	>STK11-R426 SASSKIRW	174	24357
>STK11-R426 SASSKIRR	23131	>STK11-R426 SASSKIRW	113	23018
>STK11-R426 CSASSKIRR	120	>STK11-R426 CSASSKIRW	20496	20376
>STK11-R426 CSASSKIRR	28	>STK11-R426 CSASSKIRW	19439	19411
>STK11-R426 CSASSKIRR	18570	>STK11-R426 CSASSKIRW	11	18559
>STK11-R426 CSASSKIRRL	190	>STK11-R426 CSASSKIRWL	278	88
>STK11-R426 CSASSKIRR	23120	>STK11-R426 CSASSKIRW	67	23053
>STK11-R426 CSASSKIRR	20937	>STK11-R426 CSASSKIRW	14	20923
>STK11-R426 CSASSKIRRL	972	>STK11-R426 CSASSKIRWL	164	808
>STK11-R426 CSASSKIRRL	420	>STK11-R426 CSASSKIRWL	1068	648
>STK11-R426 ACSASSKIRR	146	>STK11-R426 ACSASSKIRW	26445	26299
>STK11-R426 ACSASSKIRR	24350	>STK11-R426 ACSASSKIRW	339	24011
>STK11-R86C RRIPNGEANV	239	>STK11-R86C GRIPNGEANV	1682	1443
>STK11-R86C RRIPNGEA	398	>STK11-R86C GRIPNGEA	3701	3303
>STK11-R86C RRIPNGEANV	65	>STK11-R86C GRIPNGEANV	517	452

>STK11-R86C RRIPNGEANV	76	>STK11-R86C GRIPNGEANV	603	527
>STK11-R86C RRIPNGEA	193	>STK11-R86C GRIPNGEA	17100	16907
>STK11-R86C RRIPNGEANV	124	>STK11-R86C GRIPNGEANV	3753	3629
>STK11-R86C RRIPNGEANV	86	>STK11-R86C GRIPNGEANV	1353	1267
>STK11-R86C RRIPNGEANV	202	>STK11-R86C GRIPNGEANV	569	367
>STK11-R86C AVKILKKKKLR	17	>STK11-R86C AVKILKKKKLC	16646	16629
>STK11-R86C KLRRIPNGEA	448	>STK11-R86C KLGRIPNGEA	404	44
>STK11-R86C KLRRIPNGEA	1143	>STK11-R86C KLGRIPNGEA	116	1027
>STK11-R86C KLRRIPNGEA	569	>STK11-R86C KLGRIPNGEA	274	295
>STK11-R86C KLRRIPNG	19	>STK11-R86C KLGRIPNG	8293	8274
>STK11-R86C KLRRIPNGEA	10	>STK11-R86C KLGRIPNGEA	5858	5848
>STK11-R86C LKKKKLRR	408	>STK11-R86C LKKKKLGRI	1492	1084
>STK11-R86C ILKKKKLRR	395	>STK11-R86C ILKKKKLGRI	205	190
>STK11-R86C ILKKKKLR	23	>STK11-R86C ILKKKKLG	19194	19171
>STK11-R86C ILKKKKLRR	32	>STK11-R86C ILKKKKLGR	63	31
>STK11-R86C ILKKKKLR	355	>STK11-R86C ILKKKKLG	34374	34019
>STK11-R86C ILKKKKLR	273	>STK11-R86C ILKKKKLG	33070	32797
>STK11-R86C ILKKKKLRR	178	>STK11-R86C ILKKKKLGR	155	23
>STK11-R86C KILKKKKLRR	425	>STK11-R86C KILKKKKLGR	318	107
>STK11-R86C KILKKKKLR	15	>STK11-R86C KILKKKKLG	14154	14139
>STK11-R86C KILKKKKLRR	11	>STK11-R86C KILKKKKLGR	11	0
>STK11-R86C KILKKKKLR	27	>STK11-R86C KILKKKKLG	14616	14589
>STK11-R86C KILKKKKLRR	17	>STK11-R86C KILKKKKLGR	25	8
>STK11-R87K RIPNGEANV	150	>STK11-R87K KIPNGEANV	144	6
>STK11-R87K RIPNGEANV	518	>STK11-R87K KIPNGEANV	299	219
>STK11-R87K RIPNGEANV	78	>STK11-R87K KIPNGEANV	77	1
>STK11-R87K RIPNGEANV	114	>STK11-R87K KIPNGEANV	61	53
>STK11-R87K RIPNGEANV	14	>STK11-R87K KIPNGEANV	12	2
>STK11-R87K RIPNGEANVK	245	>STK11-R87K KIPNGEANVK	239	6
>STK11-R87K RIPNGEANVK	285	>STK11-R87K KIPNGEANVK	432	147
>STK11-R87K RIPNGEANVK	364	>STK11-R87K KIPNGEANVK	517	153
>STK11-R87K RRIPNGEA	1910	>STK11-R87K RKIPNGEA	376	1534
>STK11-R87K RRIPNGEAN	2151	>STK11-R87K RKIPNGEAN	427	1724
>STK11-R87K RRIPNGEANV	239	>STK11-R87K RKIPNGEANV	33	206
>STK11-R87K RRIPNGEANV	617	>STK11-R87K RKIPNGEANV	93	524
>STK11-R87K RRIPNGEA	398	>STK11-R87K RKIPNGEA	12955	12557
>STK11-R87K RRIPNGEANV	65	>STK11-R87K RKIPNGEANV	5092	5027
>STK11-R87K RRIPNGEANV	76	>STK11-R87K RKIPNGEANV	3967	3891
>STK11-R87K RRIPNGEA	193	>STK11-R87K RKIPNGEA	8319	8126
>STK11-R87K RRIPNGEANV	124	>STK11-R87K RKIPNGEANV	3434	3310
>STK11-R87K RRIPNGEANV	86	>STK11-R87K RKIPNGEANV	3245	3159
>STK11-R87K RRIPNGEANV	202	>STK11-R87K RKIPNGEANV	4350	4148
>STK11-R87K KLRRIPNGEA	448	>STK11-R87K KLRRIPNGEA	545	97



>STK11-R87K KLRRIPNG	19	>STK11-R87K KLRKIPNG	36	17
>STK11-R87K KLRRIPNGEA	10	>STK11-R87K KLRKIPNGEA	14	4
>STK11-R87K KKKKLRRI	571	>STK11-R87K KKKKLRKI	357	214
>STK11-R87K LKKKLRRI	408	>STK11-R87K LKKKLRKI	523	115
>STK11-R87K ILKKKLRRI	395	>STK11-R87K ILKKKLRKI	302	93
>STK11-R87K ILKKKLR	619	>STK11-R87K ILKKKLRK	58	561
>STK11-R87K ILKKKLR	4880	>STK11-R87K ILKKKLRK	78	4802
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>STK11-R87K ILKKKLR	178	>STK11-R87K ILKKKLRK	2798	2620
>STK11-R87K KILKKKLR	425	>STK11-R87K KILKKKLRK	27	398
>STK11-R87K KILKKKLR	3133	>STK11-R87K KILKKKLRK	225	2908
>STK11-R87K KILKKKLR	2325	>STK11-R87K KILKKKLRK	27	2298
>STK11-R87K KILKKKLR	11	>STK11-R87K KILKKKLRK	129	118
>STK11-R87K KILKKKLRRI	811	>STK11-R87K KILKKKLRKI	495	316
>STK11-R87K KILKKKLR	17	>STK11-R87K KILKKKLRK	156	139
>STK11-S216 SPAFQPPE	3076	>STK11-S216 FPAFQPPE	187	2889
>STK11-S216 SPAFQPPEI	2400	>STK11-S216 FPAFQPPEI	138	2262
>STK11-S216 SPAFQPPEIA	3164	>STK11-S216 FPAFQPPEIA	132	3032
>STK11-S216 SPAFQPPEIAI	1288	>STK11-S216 FPAFQPPEIAI	83	1205
>STK11-S216 SPAFQPPEI	732	>STK11-S216 FPAFQPPEI	50	682
>STK11-S216 SPAFQPPEI	612	>STK11-S216 FPAFQPPEI	28	584
>STK11-S216 SPAFQPPE	5367	>STK11-S216 FPAFQPPE	89	5278
>STK11-S216 SPAFQPPEI	7680	>STK11-S216 FPAFQPPEI	54	7626
>STK11-S216 SPAFQPPEIA	436	>STK11-S216 FPAFQPPEIA	24	412
>STK11-S216 SPAFQPPEIAI	4712	>STK11-S216 FPAFQPPEIAI	63	4649
>STK11-S216 GSPAFQPPEI	13624	>STK11-S216 GFPAFQPPEI	192	13432
>STK11-S216 GSPAFQPPEI	54	>STK11-S216 GFPAFQPPEI	3960	3906
>STK11-S216 GSPAFQPPEI	428	>STK11-S216 GFPAFQPPEI	18248	17820
>STK11-S216 GSPAFQPPEI	57	>STK11-S216 GFPAFQPPEI	10095	10038
>STK11-S216 QGSPAFQPPEI	751	>STK11-S216 QGFPAFQPPEI	138	613
>STK11-S216 TSQGSPAF	681	>STK11-S216 TSQGFPF	412	269
>STK11-S216 TSQGSPAF	853	>STK11-S216 TSQGFPF	296	557
>STK11-S216 TSQGSPAF	232	>STK11-S216 TSQGFPF	427	195
>STK11-S216 TSQGSPAF	235	>STK11-S216 TSQGFPF	228	7
>STK11-S216 TSQGSPAF	9	>STK11-S216 TSQGFPF	39	30
>STK11-S216 TSQGSPAF	132	>STK11-S216 TSQGFPF	143	11
>STK11-S216 RTSQGSPA	1843	>STK11-S216 RTSQGFPA	132	1711
>STK11-S216 RTSQGSPAF	2165	>STK11-S216 RTSQGFPAF	255	1910
>STK11-S216 RTSQGSPAF	367	>STK11-S216 RTSQGFPAF	44	323
>STK11-S216 RTSQGSPAF	665	>STK11-S216 RTSQGFPAF	159	506
>STK11-S216 RTSQGSPA	85	>STK11-S216 RTSQGFPA	89	4
>STK11-S216 RTSQGSPAFC	194	>STK11-S216 RTSQGFPAFC	288	94
>STK11-S216 RTSQGSPA	430	>STK11-S216 RTSQGFPAF	387	43

>STK11-S216 RTSQGSPAF	31	>STK11-S216 RTSQGFPAPF	43	12
>STK11-S216 RTSQGSPAF	32	>STK11-S216 RTSQGFPAPF	33	1
>STK11-S216 RTSQGSPAF	20	>STK11-S216 RTSQGFPAPF	16	4
>STK11-S216 RTSQGSPA	150	>STK11-S216 RTSQGFPA	433	283
>STK11-S216 RTSQGSPAF	3	>STK11-S216 RTSQGFPAPF	4	1
>STK11-S216 RTSQGSPAFC	152	>STK11-S216 RTSQGFPAPFC	844	692
>STK11-S216 RTSQGSPAF	251	>STK11-S216 RTSQGFPAPF	640	389
>STK11-S216 RTSQGSPAF	26	>STK11-S216 RTSQGFPAPF	37	11
>STK11-S216 RTSQGSPAF	547	>STK11-S216 RTSQGFPAPF	127	420
>STK11-S216 RTSQGSPAF	17	>STK11-S216 RTSQGFPAPF	14	3
>STK11-S216 RTSQGSPAFC	159	>STK11-S216 RTSQGFPAPFC	224	65
>STK11-S216 CRTSQGSPAF	19	>STK11-S216 CRTSQGFPAF	28	9
>STK11-S216 CRTSQGSPAF	170	>STK11-S216 CRTSQGFPAF	74	96
>STK11-S216 TCRTSQGSPA	172	>STK11-S216 TCRTSQGFPA	100	72
>STK11-S216 TCRTSQGSPA	163	>STK11-S216 TCRTSQGFPA	167	4
>STK11-S216 TCRTSQGSPA	554	>STK11-S216 TCRTSQGFPA	499	55
>STK11-S216 DTCRTSQGS	11173	>STK11-S216 DTCRTSQGF	78	11095
>STK11-S216 DTCRTSQGS	11860	>STK11-S216 DTCRTSQGF	128	11732
>STK11-S216 DTCRTSQGS	19921	>STK11-S216 DTCRTSQGF	69	19852
>STK11-S216 SPAFQPPEIA	436	>STK11-S216 PPAFQPPEIA	13411	12975
>STK11-S216 GSPAFQPPEI	27845	>STK11-S216 GPPAFQPPEI	161	27684
>STK11-S216 GSPAFQPPEI	54	>STK11-S216 GPPAFQPPEI	2121	2067
>STK11-S216 GSPAFQPPEI	428	>STK11-S216 GPPAFQPPEI	13283	12855
>STK11-S216 GSPAFQPPEI	57	>STK11-S216 GPPAFQPPEI	7117	7060
>STK11-S216 QGSPAFQPPI	21178	>STK11-S216 QGPPAFQPPI	407	20771
>STK11-S216 QGSPAFQPPI	13737	>STK11-S216 QGPPAFQPPI	472	13265
>STK11-S216 TSQGSPAF	681	>STK11-S216 TSQGPPAF	293	388
>STK11-S216 TSQGSPAF	232	>STK11-S216 TSQGPPAF	890	658
>STK11-S216 TSQGSPAF	235	>STK11-S216 TSQGPPAF	509	274
>STK11-S216 TSQGSPAF	9	>STK11-S216 TSQGPPAF	22	13
>STK11-S216 TSQGSPAF	132	>STK11-S216 TSQGPPAF	190	58
>STK11-S216 RTSQGSPAF	367	>STK11-S216 RTSQGPPAF	901	534
>STK11-S216 RTSQGSPAF	665	>STK11-S216 RTSQGPPAF	389	276
>STK11-S216 RTSQGSPA	85	>STK11-S216 RTSQGPPA	50	35
>STK11-S216 RTSQGSPAFC	194	>STK11-S216 RTSQGPPAFC	467	273
>STK11-S216 RTSQGSPAF	430	>STK11-S216 RTSQGPPAF	754	324
>STK11-S216 RTSQGSPAF	31	>STK11-S216 RTSQGPPAF	29	2
>STK11-S216 RTSQGSPAF	32	>STK11-S216 RTSQGPPAF	80	48
>STK11-S216 RTSQGSPAF	20	>STK11-S216 RTSQGPPAF	21	1
>STK11-S216 RTSQGSPA	150	>STK11-S216 RTSQGPPA	363	213
>STK11-S216 RTSQGSPAF	3	>STK11-S216 RTSQGPPAF	4	1
>STK11-S216 RTSQGSPAFC	152	>STK11-S216 RTSQGPPAFC	434	282
>STK11-S216 RTSQGSPAF	251	>STK11-S216 RTSQGPPAF	711	460

>STK11-S216 RTSQGSPAF	26	>STK11-S216 RTSQGPPAF	25	1
>STK11-S216 RTSQGSPAF	17	>STK11-S216 RTSQGPPAF	38	21
>STK11-S216 RTSQGSPAFC	159	>STK11-S216 RTSQGPPAFC	163	4
>STK11-S216 CRTSQGSPAF	19	>STK11-S216 CRTSQGPPAF	27	8
>STK11-S216 CRTSQGSPAF	170	>STK11-S216 CRTSQGPPAF	49	121
>STK11-S216 TCRTSQGSPA	172	>STK11-S216 TCRTSQGPPA	53	119
>STK11-S216 TCRTSQGSPA	163	>STK11-S216 TCRTSQGPPA	178	15
>STK11-T367 TVPGQVPEEE	2819	>STK11-T367 MVPGQVPEE	272	2547
>STK11-T367 TVPGQVPEEE	118	>STK11-T367 MVPGQVPEE	38	80
>STK11-T367 FTVPGQVPE	3351	>STK11-T367 FMVPGQVPE	437	2914
>STK11-T367 FTVPGQVPE	23421	>STK11-T367 FMVPGQVPE	272	23149
>STK11-T367 FTVPGQVPEE	17557	>STK11-T367 FMVPGQVPE	82	17475
>STK11-T367 QDFTVPGQV	554	>STK11-T367 QDFMVPGQ\	416	138
>STK11-T367 QDFTVPGQV	181	>STK11-T367 QDFMVPGQ\	369	188
>STK11-T367 QDFTVPGQV	284	>STK11-T367 QDFMVPGQ\	229	55
>STK11-T367 TQDFTVPGQ'	151	>STK11-T367 TQDFMVPGC	271	120
>STK11-T367 TQDFTVPGQ'	498	>STK11-T367 TQDFMVPGC	711	213
>STK11-T367 YTQDFTVPGC	109	>STK11-T367 YTQDFMVPG	112	3
>STK11-T367 YTQDFTVPGC	167	>STK11-T367 YTQDFMVPG	201	34
>STK11-T367 YTQDFTVPGC	29	>STK11-T367 YTQDFMVPG	26	3
>STK11-T367 YTQDFTVPGC	152	>STK11-T367 YTQDFMVPG	126	26
>STK11-T367 YTQDFTVPGC	6	>STK11-T367 YTQDFMVPG	6	0
>STK11-T367 YTQDFTVPGC	107	>STK11-T367 YTQDFMVPG	160	53
>STK11-T367 YTQDFTVPGC	101	>STK11-T367 YTQDFMVPG	126	25
>STK11-T367 YTQDFTVPGC	211	>STK11-T367 YTQDFMVPG	715	504
>STK11-T367 YTQDFTVPGC	13	>STK11-T367 YTQDFMVPG	13	0
>STK11-T367 YTQDFTVPGC	16	>STK11-T367 YTQDFMVPG	18	2
>STK11-T367 YTQDFTVPGC	11	>STK11-T367 YTQDFMVPG	12	1
>STK11-T367 YTQDFTVPGC	439	>STK11-T367 YTQDFMVPG	231	208
>STK11-T367 YTQDFTVPGC	190	>STK11-T367 YTQDFMVPG	105	85
>STK11-T367 IYTQDFTV	156	>STK11-T367 IYTQDFMV	372	216
>STK11-T367 IYTQDFTV	490	>STK11-T367 IYTQDFMV	757	267
>STK11-T367 IYTQDFTV	241	>STK11-T367 IYTQDFMV	132	109
>STK11-T367 IITYQDFTV	28	>STK11-T367 IITYQDFMV	32	4
>STK11-T367 IITYQDFTV	68	>STK11-T367 IITYQDFMV	55	13
>STK11-T367 IITYQDFTV	39	>STK11-T367 IITYQDFMV	67	28
>STK11-T367 IITYQDFTV	11	>STK11-T367 IITYQDFMV	17	6
>STK11-T367 IITYQDFTV	7	>STK11-T367 IITYQDFMV	8	1
>STK11-T367 IITYQDFTV	13	>STK11-T367 IITYQDFMV	81	68
>STK11-T367 IITYQDFTV	9	>STK11-T367 IITYQDFMV	10	1
>STK11-T367 IITYQDFTV	89	>STK11-T367 IITYQDFMV	210	121
>STK11-T367 IITYQDFTV	6	>STK11-T367 IITYQDFMV	10	4
>STK11-T367 IITYQDFTV	442	>STK11-T367 IITYQDFMV	408	34

>STK11-T367 DIIYTQDFTV	437	>STK11-T367 DIIYTQDFMV	645	208
>STK11-T367 DIIYTQDFT	883	>STK11-T367 DIIYTQDFM	4	879
>STK11-T367 DIIYTQDFTV	136	>STK11-T367 DIIYTQDFMV	76	60
>STK11-T367 DDIIYTQDFTV	53	>STK11-T367 DDIIYTQDFM	60	7
>STK11-V66M VLDSETLCRR,	1608	>STK11-V66M MLDSETLCRR	347	1261
>STK11-V66M VLDSETLCRR,	2253	>STK11-V66M MLDSETLCRR	222	2031
>STK11-V66M VLDSETLC	289	>STK11-V66M MLDSETLC	137	152
>STK11-V66M VLDSETLCRR,	216	>STK11-V66M MLDSETLCRR	105	111
>STK11-V66M VLDSETLC	94	>STK11-V66M MLDSETLC	36	58
>STK11-V66M VLDSETLCRR,	122	>STK11-V66M MLDSETLCRR	51	71
>STK11-V66M VLDSETLCRR	1198	>STK11-V66M MLDSETLCRR	275	923
>STK11-V66M VLDSETLCR	3426	>STK11-V66M MLDSETLCR	231	3195
>STK11-V66M VLDSETLCRR	5461	>STK11-V66M MLDSETLCRR	406	5055
>STK11-V66M VLDSETLCR	1353	>STK11-V66M MLDSETLCR	358	995
>STK11-V66M VLDSETLCRR	1444	>STK11-V66M MLDSETLCRR	389	1055
>STK11-V66M EVLDSETL	4217	>STK11-V66M EMLDSETL	454	3763
>STK11-V66M EVLDSETL	1394	>STK11-V66M EMLDSETL	12	1382
>STK11-V66M EVLDSETL	4133	>STK11-V66M EMLDSETL	23	4110
>STK11-V66M EVLDSETL	3202	>STK11-V66M EMLDSETL	26	3176
>STK11-V66M EVLDSETL	631	>STK11-V66M EMLDSETL	7	624
>STK11-V66M EVLDSETL	971	>STK11-V66M EMLDSETL	10	961
>STK11-V66M EVLDSETLC	12363	>STK11-V66M EMLDSETLC	217	12146
>STK11-V66M EVLDSETL	195	>STK11-V66M EMLDSETL	5173	4978
>STK11-V66M EVLDSETLCR	521	>STK11-V66M EMLDSETLCR	271	250
>STK11-V66M EVLDSETLCRI	1555	>STK11-V66M EMLDSETLCR	467	1088
>STK11-V66M EVLDSETLCR	70	>STK11-V66M EMLDSETLCR	50	20
>STK11-V66M EVLDSETLCRI	79	>STK11-V66M EMLDSETLCR	51	28
>STK11-V66M EVLDSETLCR	42	>STK11-V66M EMLDSETLCR	156	114
>STK11-V66M EVLDSETLCRI	8	>STK11-V66M EMLDSETLCR	53	45
>STK11-V66M EVLDSETL	176	>STK11-V66M EMLDSETL	5159	4983
>STK11-V66M EVLDSETL	27	>STK11-V66M EMLDSETL	109	82
>STK11-V66M EVLDSETL	10763	>STK11-V66M EMLDSETL	470	10293
>STK11-V66M EVLDSETLCR	411	>STK11-V66M EMLDSETLCR	115	296
>STK11-V66M EVLDSETLCRI	330	>STK11-V66M EMLDSETLCR	81	249
>STK11-V66M GEGSYGKVKE	208	>STK11-V66M GEGSYGKVKE	666	458
>STK11-V66M GEGSYGKVKE	602	>STK11-V66M GEGSYGKVKE	488	114
>STK11-V66M GEGSYGKVKE	1020	>STK11-V66M GEGSYGKVKE	498	522
>STK11-V66M GEGSYGKVKE	208	>STK11-V66M GEGSYGKVKE	2731	2523
>STK11-V66M GEGSYGKVKE	102	>STK11-V66M GEGSYGKVKE	440	338
>STK11-V66M KEVLDSETL	2465	>STK11-V66M KEMLDSETL	243	2222
>STK11-V66M KEVLDSETL	11	>STK11-V66M KEMLDSETL	10	1
>STK11-V66M KEVLDSET	333	>STK11-V66M KEMLDSET	112	221
>STK11-V66M KEVLDSETL	288	>STK11-V66M KEMLDSETL	98	190

>STK11-V66M KEVLDSETL	1359	>STK11-V66M KEMLDSETL	423	936
>STK11-V66M KEVLDSET	1043	>STK11-V66M KEMLDSET	192	851
>STK11-V66M KEVLDSETL	25	>STK11-V66M KEMLDSETL	9	16
>STK11-V66M KEVLDSETLCF	208	>STK11-V66M KEMLDSETLC	179	29
>STK11-V66M KVKEVLDSETI	322	>STK11-V66M KVKEMLDSETI	364	42
>STK11-V66M KVKEVLDSETI	189	>STK11-V66M KVKEMLDSETI	364	175
>STK11-V66M KVKEVLDSETI	332	>STK11-V66M KVKEMLDSETI	254	78
>STK11-V66M KVKEVLDSETI	75	>STK11-V66M KVKEMLDSETI	79	4
>STK11-V66M SYGKVKVKEVL	26	>STK11-V66M SYGKVKVKEML	40	14
>STK11-V66M SYGKVKVKEV	138	>STK11-V66M SYGKVKVKEML	58	80
>STK11-V66M SYGKVKVKEVL	11	>STK11-V66M SYGKVKVKEML	8	3
>STK11-V66M GSYGKVKVKEV	349	>STK11-V66M GSYGKVKVKEML	11811	11462
>STK11-V66M GSYGKVKVKEV	137	>STK11-V66M GSYGKVKVKEML	7	130
>STK11-V66M GSYGKVKVKEVL	85	>STK11-V66M GSYGKVKVKEML	58	27
>STK11-V66M GSYGKVKVKEV	4188	>STK11-V66M GSYGKVKVKEML	228	3960
>STK11-W30 WFRKKHPPA	102	>STK11-W30 LFRKKHPPA	6	96
>STK11-W30 WFRKKHPPA	893	>STK11-W30 LFRKKHPPAE	25	868
>STK11-W30 WFRKKHPPA	169	>STK11-W30 LFRKKHPPA	155	14
>STK11-W30 SWFRKKHPPA	22900	>STK11-W30 SLFRKKHPPA	497	22403
>STK11-W30 SWFRKKHPPA	15353	>STK11-W30 SLFRKKHPPA	172	15181
>STK11-W30 SWFRKKHPPA	14074	>STK11-W30 SLFRKKHPPA	11	14063
>STK11-W30 SWFRKKHPPA	19654	>STK11-W30 SLFRKKHPPA	231	19423
>STK11-W30 SWFRKKHPPA	17063	>STK11-W30 SLFRKKHPPA	18	17045
>STK11-W30 SWFRKKHPPA	24931	>STK11-W30 SLFRKKHPPA	11	24920
>STK11-W30 SWFRKKHPPA	297	>STK11-W30 SLFRKKHPPA	169	128
>STK11-W30 SWFRKKHPP	379	>STK11-W30 SLFRKKHPP	29944	29565
>STK11-W30 SWFRKKHPP	171	>STK11-W30 SLFRKKHPP	24944	24773
>STK11-W30 SWFRKKHPPA	37	>STK11-W30 SLFRKKHPPA	8395	8358
>STK11-W30 SWFRKKHPPA	144	>STK11-W30 SLFRKKHPPA	27215	27071
>STK11-W30 FSIRQIRQHSL	21757	>STK11-W30 FSIRQIRQHSL	254	21503
>STK11-W30 FSIRQIRQHSL	21344	>STK11-W30 FSIRQIRQHSL	406	20938
>STK11-W30 FSIRQIRQHSL	1173	>STK11-W30 FSIRQIRQHSL	280	893
>STK11-W30 FSIRQIRQHSL	6426	>STK11-W30 FSIRQIRQHSL	236	6190
>STK11-W30 FSIRQIRQHSL	1513	>STK11-W30 FSIRQIRQHSL	369	1144
>STK11-W30 FSIRQIRQHSL	6	>STK11-W30 FSIRQIRQHSL	45	39
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>STK11-W30 FSIRQIRQHSL	34	>STK11-W30 FSIRQIRQHSL	3649	3615
>STK11-W30 FSIRQIRQHSL	11	>STK11-W30 FSIRQIRQHSL	295	284
>STK11-W30 FSIRQIRQHSL	38	>STK11-W30 FSIRQIRQHSL	9839	9801
>STK11-W30 HSWFRKKHPP	120	>STK11-W30 HSLFRKKHPP	36	84
>STK11-W30 RQHSLFRK	91	>STK11-W30 RQHSLFRK	104	13
>STK11-W30 RQHSLFRKK	106	>STK11-W30 RQHSLFRKK	144	38
>STK11-W30 RQHSLFRK	30	>STK11-W30 RQHSLFRK	35	5

>STK11-W30 RQHSWFRKK	77	>STK11-W30 RQHSLFRKK	114	37
>STK11-W30 RQHSWFRK	11	>STK11-W30 RQHSLFRK	13	2
>STK11-W30 RQHSWFRKK	17	>STK11-W30 RQHSLFRKK	14	3
>STK11-W30 RQHSWFRK	14	>STK11-W30 RQHSLFRK	18	4
>STK11-W30 RQHSWFRKK	22	>STK11-W30 RQHSLFRKK	31	9
>STK11-W30 RQHSWFRK	366	>STK11-W30 RQHSLFRK	476	110
>STK11-W30 RQHSWFRKK	214	>STK11-W30 RQHSLFRKK	264	50
>STK11-W30 RQHSWFRKK	116	>STK11-W30 RQHSLFRKKH	129	13
>STK11-W30 RQHSWFRK	57	>STK11-W30 RQHSLFRK	86	29
>STK11-W30 RQHSWFRKK	33	>STK11-W30 RQHSLFRKK	44	11
>STK11-W30 RQHSWFRKK	449	>STK11-W30 RQHSLFRKK	209	240
>STK11-W30 RQHSWFRK	344	>STK11-W30 RQHSLFRK	652	308
>STK11-W30 RQHSWFRKK	349	>STK11-W30 RQHSLFRKK	505	156
>STK11-W30 IRQHSWFR	344	>STK11-W30 IRQHSLFR	500	156
>STK11-W30 IRQHSWFRK	91	>STK11-W30 IRQHSLFRK	127	36
>STK11-W30 IRQHSWFRKK	71	>STK11-W30 IRQHSLFRKK	124	53
>STK11-W30 IRQHSWFRKK	447	>STK11-W30 IRQHSLFRKKI	560	113
>STK11-W30 IRQHSWFRK	440	>STK11-W30 IRQHSLFRK	498	58
>STK11-W30 IRQHSWFRKK	277	>STK11-W30 IRQHSLFRKK	317	40
>STK11-W30 IRQHSWFRK	403	>STK11-W30 IRQHSLFRK	2218	1815
>STK11-W30 IRQHSWFR	196	>STK11-W30 IRQHSLFR	408	212
>STK11-W30 QIRQHSWFR	1277	>STK11-W30 QIRQHSLFR	200	1077
>STK11-W30 QIRQHSWFR	194	>STK11-W30 QIRQHSLFRK	77	117
>STK11-W30 QIRQHSWFR	180	>STK11-W30 QIRQHSLFRK	159	21
>STK11-W30 QIRQHSWFR	134	>STK11-W30 QIRQHSLFRK	100	34
>STK11-W30 QIRQHSWF	171	>STK11-W30 QIRQHSLF	2238	2067
>STK11-W30 QIRQHSWFR	147	>STK11-W30 QIRQHSLFR	30	117
>STK11-W30 QIRQHSWFR	8	>STK11-W30 QIRQHSLFRK	9	1
>STK11-W30 QIRQHSWFR	15	>STK11-W30 QIRQHSLFRK	12	3
>STK11-W30 QIRQHSWFR	25	>STK11-W30 QIRQHSLFR	165	140
>STK11-W30 QIRQHSWFR	143	>STK11-W30 QIRQHSLFRK	165	22
>STK11-W30 QIRQHSWFR	35	>STK11-W30 QIRQHSLFR	305	270
>STK11-W30 QIRQHSWFR	135	>STK11-W30 QIRQHSLFR	378	243
>STK11-W30 QIRQHSWFR	593	>STK11-W30 QIRQHSLFRK	481	112
>STK11-W30 QIRQHSWF	326	>STK11-W30 QIRQHSLF	149	177
>STK11-W30 QIRQHSWF	638	>STK11-W30 QIRQHSLF	452	186
>STK11-W30 QIRQHSWF	447	>STK11-W30 QIRQHSLF	179	268
>STK11-W30 QIRQHSWF	132	>STK11-W30 QIRQHSLF	191	59
>STK11-W30 QIRQHSWFR	41	>STK11-W30 QIRQHSLFR	49	8
>STK11-W30 RQIRQHSW	8673	>STK11-W30 RQIRQHSL	45	8628
>STK11-W30 RQIRQHSWF	587	>STK11-W30 RQIRQHSLFR	247	340
>STK11-W30 RQIRQHSWF	142	>STK11-W30 RQIRQHSLFR	120	22
>STK11-W30 RQIRQHSWF	565	>STK11-W30 RQIRQHSLFR	322	243

>STK11-W30 RQIRQHSWF	34	>STK11-W30 RQIRQHSLFR	28	6
>STK11-W30 RQIRQHSWF	458	>STK11-W30 RQIRQHSLF	134	324
>STK11-W30 RQIRQHSWF	393	>STK11-W30 RQIRQHSLF	3565	3172
>STK11-W30 RQIRQHSWF	874	>STK11-W30 RQIRQHSLFR	259	615
>STK11-W30 RQIRQHSWF	25	>STK11-W30 RQIRQHSLFR	39	14
>STK11-W30 RQIRQHSWF	10	>STK11-W30 RQIRQHSLFR	23	13
>STK11-W30 RQIRQHSWF	21	>STK11-W30 RQIRQHSLFR	22	1
>STK11-W30 RQIRQHSW	297	>STK11-W30 RQIRQHSL	397	100
>STK11-W30 RQIRQHSW	132	>STK11-W30 RQIRQHSL	96	36
>STK11-W30 RQIRQHSWF	58	>STK11-W30 RQIRQHSLF	39	19
>STK11-W30 RQIRQHSW	32	>STK11-W30 RQIRQHSL	10	22
>STK11-W30 RQIRQHSWF	3	>STK11-W30 RQIRQHSLF	2	1
>STK11-W30 RQIRQHSWF	170	>STK11-W30 RQIRQHSLFR	94	76
>STK11-W30 RQIRQHSWF	374	>STK11-W30 RQIRQHSLFR	382	8
>STK11-W30 RQIRQHSW	369	>STK11-W30 RQIRQHSL	7130	6761
>STK11-W30 RQIRQHSWF	360	>STK11-W30 RQIRQHSLF	1123	763
>STK11-W30 RQIRQHSW	2358	>STK11-W30 RQIRQHSL	175	2183
>STK11-W30 RQIRQHSWF	1794	>STK11-W30 RQIRQHSLF	467	1327
>STK11-W30 RQIRQHSWF	261	>STK11-W30 RQIRQHSLFR	251	10
>STK11-W30 RQIRQHSWF	129	>STK11-W30 RQIRQHSLFR	128	1
>STK11-W30 RQIRQHSW	13013	>STK11-W30 RQIRQHSL	242	12771
>STK11-W30 RQIRQHSW	5414	>STK11-W30 RQIRQHSL	134	5280
>STK11-W30 RQIRQHSW	123	>STK11-W30 RQIRQHSL	15148	15025
>STK11-W30 RQIRQHSW	23	>STK11-W30 RQIRQHSL	4486	4463
>STK11-W30 RQIRQHSWF	463	>STK11-W30 RQIRQHSLF	309	154
>STK11-W30 RQIRQHSW	338	>STK11-W30 RQIRQHSL	25	313
>STK11-W30 RQIRQHSWF	497	>STK11-W30 RQIRQHSLF	293	204
>STK11-W30 RQIRQHSWF	413	>STK11-W30 RQIRQHSLFR	137	276
>STK11-W30 RQIRQHSW	536	>STK11-W30 RQIRQHSL	127	409
>STK11-W30 RQIRQHSWF	197	>STK11-W30 RQIRQHSLF	79	118
>STK11-W30 RQIRQHSWF	444	>STK11-W30 RQIRQHSLFR	301	143
>STK11-W30 RQIRQHSWF	43	>STK11-W30 RQIRQHSLFR	48	5
>STK11-W30 IRQIRQHSW	8789	>STK11-W30 IRQIRQHSL	201	8588
>STK11-W30 IRQIRQHSWF	186	>STK11-W30 IRQIRQHSLF	92	94
>STK11-W30 IRQIRQHSW	1307	>STK11-W30 IRQIRQHSL	94	1213
>STK11-W30 IRQIRQHSWF	67	>STK11-W30 IRQIRQHSLF	62	5
>STK11-W30 IRQIRQHSWF	190	>STK11-W30 IRQIRQHSLFF	252	62
>STK11-W30 IRQIRQHSW	4224	>STK11-W30 IRQIRQHSL	401	3823
>STK11-W30 IRQIRQHSWF	172	>STK11-W30 IRQIRQHSLF	181	9
>STK11-W30 IRQIRQHSW	2902	>STK11-W30 IRQIRQHSL	12	2890
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>STK11-W30 IRQIRQHSWF	582	>STK11-W30 IRQIRQHSLFF	111	471
>STK11-W30 IRQIRQHSWF	201	>STK11-W30 IRQIRQHSLFF	274	73

>STK11-W30 SIRQIRQHSW	24592	>STK11-W30 SIRQIRQHSL	54	24538
>STK11-W30 SIRQIRQHSW	364	>STK11-W30 SIRQIRQHSLF	3385	3021
>STK11-W30 SIRQIRQHSW	2996	>STK11-W30 SIRQIRQHSL	60	2936
>STK11-W30 SIRQIRQHSW	350	>STK11-W30 SIRQIRQHSLF	198	152
>STK11-W30 SIRQIRQHSW	731	>STK11-W30 SIRQIRQHSLF	377	354
>STK11-W30 SIRQIRQHSW	436	>STK11-W30 SIRQIRQHSL	4357	3921
>STK11-W30 SIRQIRQHSW	380	>STK11-W30 SIRQIRQHSLF	725	345
>STK11-W30 SIRQIRQHSW	211	>STK11-W30 SIRQIRQHSL	18227	18016
>STK11-W30 SIRQIRQHSW	18	>STK11-W30 SIRQIRQHSLF	16	2
>STK11-Y49C YLMGDLLGEC	136	>STK11-Y49C DLMGDLLGEC	4226	4090
>STK11-Y49C YLMGDLLGEC	197	>STK11-Y49C DLMGDLLGEC	20187	19990
>STK11-Y49C YLMGDLLG	70	>STK11-Y49C DLMGDLLG	11039	10969
>STK11-Y49C YLMGDLLGE	165	>STK11-Y49C DLMGDLLGE	15292	15127
>STK11-Y49C YLMGDLLGEC	149	>STK11-Y49C DLMGDLLGEC	5615	5466
>STK11-Y49C YLMGDLLGEC	28	>STK11-Y49C DLMGDLLGEC	7310	7282
>STK11-Y49C YLMGDLLG	408	>STK11-Y49C DLMGDLLG	18794	18386
>STK11-Y49C YLMGDLLGEC	267	>STK11-Y49C DLMGDLLGEC	4568	4301
>STK11-Y49C YLMGDLLGEC	76	>STK11-Y49C DLMGDLLGEC	10979	10903
>STK11-Y49C YLMGDLLGE	250	>STK11-Y49C DLMGDLLGE	18012	17762
>STK11-Y49C YLMGDLLGEC	261	>STK11-Y49C DLMGDLLGEC	11132	10871
>STK11-Y49C YLMGDLLGEC	72	>STK11-Y49C DLMGDLLGEC	12923	12851
>STK11-Y49C YLMGDLLG	335	>STK11-Y49C DLMGDLLG	17796	17461
>STK11-Y49C YLMGDLLGEC	84	>STK11-Y49C DLMGDLLGEC	12815	12731
>STK11-Y49C YLMGDLLGEC	38	>STK11-Y49C DLMGDLLGEC	9257	9219
>STK11-Y49C YLMGDLLGEC	201	>STK11-Y49C DLMGDLLGEC	15120	14919
>STK11-Y49C YLMGDLLGEC	156	>STK11-Y49C DLMGDLLGEC	4135	3979
>STK11-Y49C YLMGDLLG	129	>STK11-Y49C DLMGDLLG	17403	17274
>STK11-Y49C YLMGDLLGE	54	>STK11-Y49C DLMGDLLGE	14007	13953
>STK11-Y49C YLMGDLLGEC	106	>STK11-Y49C DLMGDLLGEC	16499	16393
>STK11-Y49C YLMGDLLGEC	33	>STK11-Y49C DLMGDLLGEC	11125	11092
>STK11-Y49C KYLMGDLL	58	>STK11-Y49C KDLMGDLL	29641	29583
>STK11-Y49C KYLMGDLL	27500	>STK11-Y49C KDLMGDLL	356	27144
>STK11-Y49C KYLMGDLL	323	>STK11-Y49C KDLMGDLL	26854	26531
>STK11-Y49C KYLMGDLL	386	>STK11-Y49C KDLMGDLL	28046	27660
>STK11-Y49C KYLMGDLL	12	>STK11-Y49C KDLMGDLL	23346	23334
>STK11-Y49C KYLMGDLL	27766	>STK11-Y49C KDLMGDLL	461	27305
>STK11-Y49C KYLMGDLL	46	>STK11-Y49C KDLMGDLL	18525	18479
>STK11-Y49C KYLMGDLLG	326	>STK11-Y49C KDLMGDLLG	27782	27456
>STK11-Y49C KYLMGDLLGE	405	>STK11-Y49C KDLMGDLLGE	30272	29867
>STK11-Y49C KYLMGDLL	28547	>STK11-Y49C KDLMGDLL	452	28095
>STK11-Y49C RRRKRAKLIGK'	214	>STK11-Y49C RRRKRAKLIGKI	17686	17472
>STK11-Y49C RRRKRAKLIGK'	43	>STK11-Y49C RRRKRAKLIGKI	816	773
>STK11-Y49C RRRKRAKLIGK'	165	>STK11-Y49C RRRKRAKLIGKI	383	218



>STK11-Y49C RKRKRAKLIGK'	412	>STK11-Y49C RKRKRAKLIGKI	2087	1675
>STK11-Y49C GKYLMDLL	124	>STK11-Y49C GKDLMDLL	1404	1280
>STK11-Y49C LIGKYLMDL	216	>STK11-Y49C LIGKDLMDL	510	294
>STK11-Y49C LIGKYLMDL	453	>STK11-Y49C LIGKDLMDL	618	165
>STK11-Y49C KLIGKYL	59	>STK11-Y49C KLIGKDL	599	540
>STK11-Y49C KLIGKYLMD	398	>STK11-Y49C KLIGKDLMD	459	61
>STK11-Y49C KLIGKYL	56	>STK11-Y49C KLIGKDL	229	173
>STK11-Y49C KLIGKYLMD	85	>STK11-Y49C KLIGKDLMD	140	55
>STK11-Y49C KLIGKYL	376	>STK11-Y49C KLIGKDL	1747	1371
>STK11-Y49C KLIGKYLMD	39	>STK11-Y49C KLIGKDLMD	110	71
>STK11-Y49C KLIGKYL	81	>STK11-Y49C KLIGKDL	488	407
>STK11-Y49C KLIGKYLMD	207	>STK11-Y49C KLIGKDLMD	252	45
>STK11-Y49C KLIGKYL	198	>STK11-Y49C KLIGKDL	1033	835
>STK11-Y49C KLIGKYLMD	479	>STK11-Y49C KLIGKDLMD	323	156
>STK11-Y49C KLIGKYLMD	442	>STK11-Y49C KLIGKDLMD	334	108
>STK11-Y49C KLIGKYL	83	>STK11-Y49C KLIGKDL	344	261
>STK11-Y49C KLIGKYLMD	48	>STK11-Y49C KLIGKDLMD	38	10
>STK11-Y49C AKLIGKYL	95	>STK11-Y49C AKLIGKDL	208	113
>STK11-Y49C AKLIGKYL	467	>STK11-Y49C AKLIGKDL	1960	1493
>STK11-Y49C RAKLIGKYL	59	>STK11-Y49C RAKLIGKDL	1609	1550
>STK11-Y49C RAKLIGKYL	107	>STK11-Y49C RAKLIGKDL	917	810
>STK11-Y49C RAKLIGKYL	203	>STK11-Y49C RAKLIGKDL	1253	1050
>STK11-Y49C RAKLIGKY	160	>STK11-Y49C RAKLIGKD	27981	27821
>STK11-Y49C RAKLIGKY	18	>STK11-Y49C RAKLIGKD	17859	17841
>STK11-Y49C RAKLIGKYL	58	>STK11-Y49C RAKLIGKDL	238	180
>STK11-Y49C RAKLIGKYL	118	>STK11-Y49C RAKLIGKDL	398	280
>STK11-Y49C RAKLIGKY	417	>STK11-Y49C RAKLIGKD	27325	26908
>STK11-Y49C RAKLIGKYL	305	>STK11-Y49C RAKLIGKDL	1181	876
>STK11-Y49C KRAKLIGKY	72	>STK11-Y49C KRAKLIGKD	26292	26220
>STK11-Y49C KRAKLIGKY	264	>STK11-Y49C KRAKLIGKD	26628	26364
>STK11-Y49C KRAKLIGKY	30	>STK11-Y49C KRAKLIGKD	827	797
>STK11-Y49C KRAKLIGKYL	18	>STK11-Y49C KRAKLIGKDL	23	5
>STK11-Y49C KRAKLIGKYL	25	>STK11-Y49C KRAKLIGKDL	62	37
>STK11-Y49C KRAKLIGKY	222	>STK11-Y49C KRAKLIGKD	609	387
>STK11-Y49C KRAKLIGKYL	79	>STK11-Y49C KRAKLIGKDL	138	59
>STK11-Y49C KRAKLIGKYL	73	>STK11-Y49C KRAKLIGKDL	80	7
>STK11-Y49C KRAKLIGKY	426	>STK11-Y49C KRAKLIGKD	3566	3140
>STK11-Y49C KRAKLIGKYL	44	>STK11-Y49C KRAKLIGKDL	71	27
>STK11-Y49C KRAKLIGKYL	76	>STK11-Y49C KRAKLIGKDL	90	14
>STK11-Y49C RKRKRAKLIGKY	129	>STK11-Y49C RKRKRAKLIGKD	1473	1344
>STK11-Y49C RKRKRAKLIGKY	124	>STK11-Y49C RKRKRAKLIGKD	28572	28448
>STK11-Y49C RKRKRAKLIGKY	28	>STK11-Y49C RKRKRAKLIGKD	17857	17829
>STK11-Y49C RKRKRAKLIGKY	26	>STK11-Y49C RKRKRAKLIGKD	38	12

>STK11-Y49C RKRAKLIGKY	121	>STK11-Y49C RKRAKLIGKD	9210	9089
>STK11-Y49C RKRAKLIGKY	348	>STK11-Y49C RKRAKLIGKD	28929	28581
>STK11-Y49C RKRAKLIGKYI	283	>STK11-Y49C RKRAKLIGKD	311	28
>STK11-Y49C RKRAKLIGKYI	281	>STK11-Y49C RKRAKLIGKD	641	360
>SUFU-P187I PVQTPFGV	10280	>SUFU-P187I LVQTPFGV	435	9845
>SUFU-P187I PVQTPFGV	6146	>SUFU-P187I LVQTPFGV	390	5756
>SUFU-P187I PVQTPFGV	5022	>SUFU-P187I LVQTPFGV	54	4968
>SUFU-P187I PVQTPFGV	1503	>SUFU-P187I LVQTPFGV	62	1441
>SUFU-P187I PVQTPFGV	4648	>SUFU-P187I LVQTPFGV	171	4477
>SUFU-P187I PVQTPFGV	1448	>SUFU-P187I LVQTPFGV	204	1244
>SUFU-P187I PVQTPFGV	899	>SUFU-P187I LVQTPFGV	18	881
>SUFU-P187I PVQTPFGVV	6302	>SUFU-P187I LVQTPFGVV	361	5941
>SUFU-P187I PVQTPFGVV	2106	>SUFU-P187I LVQTPFGVV	217	1889
>SUFU-P187I PVQTPFGVV	475	>SUFU-P187I LVQTPFGVV	557	82
>SUFU-P187I PVQTPFGVV	801	>SUFU-P187I LVQTPFGVV	420	381
>SUFU-P187I PVQTPFGV	2461	>SUFU-P187I LVQTPFGV	120	2341
>SUFU-P187I PVQTPFGVV	4628	>SUFU-P187I LVQTPFGVV	244	4384
>SUFU-P187I PVQTPFGV	1361	>SUFU-P187I LVQTPFGV	132	1229
>SUFU-P187I PVQTPFGVV	5089	>SUFU-P187I LVQTPFGVV	69	5020
>SUFU-P187I PVQTPFGVV	2637	>SUFU-P187I LVQTPFGVV	213	2424
>SUFU-P187I PVQTPFGVV	10687	>SUFU-P187I LVQTPFGVV	347	10340
>SUFU-P187I PVQTPFGVV	5222	>SUFU-P187I LVQTPFGVV	95	5127
>SUFU-P187I QPVQTPFGV	21736	>SUFU-P187I QLVQTPFGV	69	21667
>SUFU-P187I QPVQTPFGV\	24461	>SUFU-P187I QLVQTPFGV\	434	24027
>SUFU-P187I QPVQTPFGV	22976	>SUFU-P187I QLVQTPFGV	83	22893
>SUFU-P187I QPVQTPFGV\	20182	>SUFU-P187I QLVQTPFGV\	257	19925
>SUFU-P187I QPVQTPFGV	19559	>SUFU-P187I QLVQTPFGV	25	19534
>SUFU-P187I QPVQTPFGV\	12685	>SUFU-P187I QLVQTPFGV\	28	12657
>SUFU-P187I QPVQTPFGV	8447	>SUFU-P187I QLVQTPFGV	24	8423
>SUFU-P187I QPVQTPFGV\	11466	>SUFU-P187I QLVQTPFGV\	314	11152
>SUFU-P187I QPVQTPFGV	9957	>SUFU-P187I QLVQTPFGV	3	9954
>SUFU-P187I QPVQTPFGV\	18559	>SUFU-P187I QLVQTPFGV\	15	18544
>SUFU-P187I QPVQTPFGV	17039	>SUFU-P187I QLVQTPFGV	7	17032
>SUFU-P187I QPVQTPFGV\	22333	>SUFU-P187I QLVQTPFGV\	108	22225
>SUFU-P187I QPVQTPFGV	17707	>SUFU-P187I QLVQTPFGV	9	17698
>SUFU-P187I QPVQTPFGV\	23356	>SUFU-P187I QLVQTPFGV\	149	23207
>SUFU-P187I QPVQTPFGV	19008	>SUFU-P187I QLVQTPFGV	4	19004
>SUFU-P187I QPVQTPFGV\	23387	>SUFU-P187I QLVQTPFGV\	248	23139
>SUFU-P187I QPVQTPFGV	19439	>SUFU-P187I QLVQTPFGV	3	19436
>SUFU-P187I QPVQTPFGV\	25676	>SUFU-P187I QLVQTPFGV\	12	25664
>SUFU-P187I QPVQTPFGV	72	>SUFU-P187I QLVQTPFGV	23	49
>SUFU-P187I QPVQTPFGV\	404	>SUFU-P187I QLVQTPFGV\	322	82
>SUFU-P187I QPVQTPFGV\	349	>SUFU-P187I QLVQTPFGV\	16431	16082

>SUFU-P187IMLLTEDPQM	17490	>SUFU-P187IMLLTEDPQM	22	17468
>SUFU-P187IMLLTEDPQM	8254	>SUFU-P187IMLLTEDPQM	22	8232
>SUFU-P187IMLLTEDPQM	15699	>SUFU-P187IMLLTEDPQM	232	15467
>SUFU-P187IMLLTEDPQM	12887	>SUFU-P187IMLLTEDPQM	116	12771
>SUFU-P187IMLLTEDPQM	2698	>SUFU-P187IMLLTEDPQM	9	2689
>SUFU-P187IMLLTEDPQM	11932	>SUFU-P187IMLLTEDPQM	25	11907
>SUFU-P187IMLLTEDPQM	7065	>SUFU-P187IMLLTEDPQM	12	7053
>SUFU-P187IMLLTEDPQM	14875	>SUFU-P187IMLLTEDPQM	7	14868
>SUFU-P187IMLLTEDPQM	1858	>SUFU-P187IMLLTEDPQM	3	1855
>SUFU-P187IMQPVQTPFG	460	>SUFU-P187IMQLVQTPFG	39	421
>SUFU-P187IMQPVQTPFG	2391	>SUFU-P187IMQLVQTPFG	450	1941
>SUFU-P187IMQPVQTPFG	466	>SUFU-P187IMQLVQTPFG	191	275
>SUFU-P187IMQPVQTPFG	242	>SUFU-P187IMQLVQTPFG	99	143
>SUFU-P187IMQPVQTPFG	268	>SUFU-P187IMQLVQTPFG	442	174
>SUFU-P187IMQPVQTPF	150	>SUFU-P187IMQLVQTPF	32	118
>SUFU-P187IMQPVQTPFG	1457	>SUFU-P187IMQLVQTPFG	357	1100
>SUFU-P187IMQPVQTPFG	48	>SUFU-P187IMQLVQTPFG	26	22
>SUFU-P187IMQPVQTPFG	23	>SUFU-P187IMQLVQTPFG	8	15
>SUFU-P187IMQPVQTPFG	61	>SUFU-P187IMQLVQTPFG	11	50
>SUFU-P187IMQPVQTPFG	883	>SUFU-P187IMQLVQTPFG	114	769
>SUFU-P187IMQPVQTPFG	177	>SUFU-P187IMQLVQTPFG	12	165
>SUFU-P187IMQPVQTPFG	3476	>SUFU-P187IMQLVQTPFG	256	3220
>SUFU-P187IMQPVQTPFG	88	>SUFU-P187IMQLVQTPFG	13	75
>SUFU-P187IMQPVQTPFG	2034	>SUFU-P187IMQLVQTPFG	358	1676
>SUFU-P187IMQPVQTPFG	474	>SUFU-P187IMQLVQTPFG	13	461
>SUFU-P187IMQPVQTPFG	254	>SUFU-P187IMQLVQTPFG	111	143
>SUFU-P187IMQPVQTPF	879	>SUFU-P187IMQLVQTPF	278	601
>SUFU-P187IMQPVQTPFG	4589	>SUFU-P187IMQLVQTPFG	114	4475
>SUFU-P187IMQPVQTPF	60	>SUFU-P187IMQLVQTPF	45	15
>SUFU-P187IMQPVQTPF	673	>SUFU-P187IMQLVQTPF	233	440
>SUFU-P187IMQPVQTPF	6	>SUFU-P187IMQLVQTPF	2	4
>SUFU-P187IMQPVQTPFG	1425	>SUFU-P187IMQLVQTPFG	127	1298
>SUFU-P187IMQPVQTPFG	1088	>SUFU-P187IMQLVQTPFG	87	1001
>SUFU-P187IMQPVQTPF	677	>SUFU-P187IMQLVQTPF	119	558
>SUFU-P187IQMQPVQTPF	42	>SUFU-P187IQMQLVQTPF	82	40
>SUFU-P187IQMQPVQTPF	36	>SUFU-P187IQMQLVQTPF	117	81
>SUFU-P187IQMQPVQTPF	25	>SUFU-P187IQMQLVQTPF	86	61
>SUFU-P187IQMQPVQTPF	33	>SUFU-P187IQMQLVQTPF	129	96
>SUFU-P187IQMQPVQTPF	3	>SUFU-P187IQMQLVQTPF	7	4
>SUFU-P187IQMQPVQTPF	5	>SUFU-P187IQMQLVQTPF	9	4
>SUFU-P187IQMQPVQTPF	12	>SUFU-P187IQMQLVQTPF	25	13
>SUFU-P187IQMQPVQTPF	7	>SUFU-P187IQMQLVQTPF	10	3
>SUFU-P187IQMQPVQTPF	3	>SUFU-P187IQMQLVQTPF	7	4

>SUFU-P187IQMQPVQTPF	67	>SUFU-P187IQMQLVQTPF	55	12
>SUFU-P187IQMQPVQTPF	229	>SUFU-P187IQMQLVQTPF	517	288
>SUFU-P187IQMQPVQTPF	35	>SUFU-P187IQMQLVQTPF	58	23
>SUFU-P187IQMQPVQTPF	110	>SUFU-P187IQMQLVQTPF	273	163
>SUFU-P187IQMQPVQTPF	14	>SUFU-P187IQMQLVQTPF	33	19
>SUFU-P187IQMQPVQTPF	409	>SUFU-P187IQMQLVQTPF	965	556
>SUFU-P187IQMQPVQTPF	456	>SUFU-P187IQMQLVQTPF	3474	3018
>SUFU-P187IPQMQLVQTF	919	>SUFU-P187IPQMQLVQTF	396	523
>SUFU-P187IPQMQLVQTF	99	>SUFU-P187IPQMQLVQTF	91	8
>SUFU-P187IPQMQLVQTF	356	>SUFU-P187IPQMQLVQTF	1684	1328
>SUFU-P187IPQMQLVQTF	5	>SUFU-P187IPQMQLVQTF	8	3
>SUFU-P187IDPQMQLVQ	37	>SUFU-P187IDPQMQLVQ	40	3
>SUFU-P187IDPQMQLVQ	1515	>SUFU-P187IDPQMQLVQ	498	1017
>SUFU-P187ITEDPQMQLV	144	>SUFU-P187ITEDPQMQLV	38	106
>SUFU-P187ITEDPQMQL	13871	>SUFU-P187ITEDPQMQL	286	13585
>SUFU-P187ILTEDPQMQL	339	>SUFU-P187ILTEDPQMQL	563	224
>SUFU-P187ILTEDPQMQL	29089	>SUFU-P187ILTEDPQMQL	321	28768
>SUFU-P187ILTEDPQMQL	29	>SUFU-P187ILTEDPQMQL	31	2
>SUFU-P187ILTEDPQMQL	208	>SUFU-P187ILTEDPQMQL	372	164
>SUFU-P187ILTEDPQMQL	69	>SUFU-P187ILTEDPQMQL	312	243
>SUFU-P187ILTEDPQMQL	15684	>SUFU-P187ILTEDPQMQL	32	15652
>SUFU-P187ILTEDPQMQL	282	>SUFU-P187ILTEDPQMQL	755	473
>SUFU-P187ILTEDPQMQL	20803	>SUFU-P187ILTEDPQMQL	206	20597
>SUFU-P187ILTEDPQMQL	1119	>SUFU-P187ILTEDPQMQL	246	873
>SUFU-P187ILTEDPQMQL	6160	>SUFU-P187ILTEDPQMQL	68	6092
>SUFU-P187ILLEDPQMQL	14569	>SUFU-P187ILLEDPQMQL	398	14171
>SUFU-P187ILLEDPQMQL	23	>SUFU-P187ILLEDPQMQL	26	3
>SUFU-P187ILLEDPQMQL	8587	>SUFU-P187ILLEDPQMQL	25	8562
>SUFU-P187ILLEDPQMQL	12	>SUFU-P187ILLEDPQMQL	10	2
>SUFU-P187ILLEDPQMQL	5	>SUFU-P187ILLEDPQMQL	6	1
>SUFU-P187ILLEDPQMQL	22	>SUFU-P187ILLEDPQMQL	39	17
>SUFU-P187ILLEDPQMQL	3395	>SUFU-P187ILLEDPQMQL	7	3388
>SUFU-P187ILLEDPQMQL	2	>SUFU-P187ILLEDPQMQL	3	1
>SUFU-P187ILLEDPQMQL	15152	>SUFU-P187ILLEDPQMQL	22	15130
>SUFU-P187ILLEDPQMQL	4	>SUFU-P187ILLEDPQMQL	5	1
>SUFU-P187ILLEDPQMQL	9197	>SUFU-P187ILLEDPQMQL	15	9182
>SUFU-P187ILLEDPQMQL	5	>SUFU-P187ILLEDPQMQL	6	1
>SUFU-P187ILLEDPQMQL	19401	>SUFU-P187ILLEDPQMQL	13	19388
>SUFU-P187ILLEDPQMQL	10	>SUFU-P187ILLEDPQMQL	12	2
>SUFU-P187ILLEDPQMQL	610	>SUFU-P187ILLEDPQMQL	2	608
>SUFU-P187ILLEDPQMQL	2	>SUFU-P187ILLEDPQMQL	2	0
>SUFU-P187ILLEDPQMQL	399	>SUFU-P187ILLEDPQMQL	1570	1171
>SUFU-R299(RLSGKDTEQI	168	>SUFU-R299(QLSGKDTEQI	257	89

>SUFU-R299(RLSGKDTEQI	270	>SUFU-R299(QLSGKDTEQI	500	230
>SUFU-R299(RLSGKDTEQI	44	>SUFU-R299(QLSGKDTEQI	405	361
>SUFU-R299(RLSGKDTEQI	391	>SUFU-R299(QLSGKDTEQI	2550	2159
>SUFU-R299(RLSGKDTEQI	125	>SUFU-R299(QLSGKDTEQI	1299	1174
>SUFU-R299(RLSGKDTEQI	163	>SUFU-R299(QLSGKDTEQI	306	143
>SUFU-R299(RLSGKDTEQ	207	>SUFU-R299(QLSGKDTEQ	769	562
>SUFU-R299(RLSGKDTEQI	19	>SUFU-R299(QLSGKDTEQI	35	16
>SUFU-R299(RLSGKDTEQII	151	>SUFU-R299(QLSGKDTEQI	3932	3781
>SUFU-R299(RLSGKDTEQI	55	>SUFU-R299(QLSGKDTEQI	434	379
>SUFU-R299(RLSGKDTEQII	251	>SUFU-R299(QLSGKDTEQI	968	717
>SUFU-R299(RRLSGKDTEC	15830	>SUFU-R299(RQLSGKDTEC	59	15771
>SUFU-R299(RRLSGKDTEC	3459	>SUFU-R299(RQLSGKDTEC	172	3287
>SUFU-R299(RRLSGKDTEC	346	>SUFU-R299(RQLSGKDTEC	68	278
>SUFU-R299(RRLSGKDTEC	126	>SUFU-R299(RQLSGKDTEC	10010	9884
>SUFU-R299(RRLSGKDTEC	47	>SUFU-R299(RQLSGKDTEC	866	819
>SUFU-R299(RRLSGKDTEC	6562	>SUFU-R299(RQLSGKDTEC	272	6290
>SUFU-R299(RRLSGKDTEC	3234	>SUFU-R299(RQLSGKDTEC	256	2978
>SUFU-R299(RRLSGKDT	338	>SUFU-R299(RQLSGKDT	5944	5606
>SUFU-R299(RRLSGKDTE	377	>SUFU-R299(RQLSGKDTE	7194	6817
>SUFU-R299(RRLSGKDTEC	224	>SUFU-R299(RQLSGKDTEC	7308	7084
>SUFU-R299(RRLSGKDTEC	75	>SUFU-R299(RQLSGKDTEC	1529	1454
>SUFU-R299(RRLSGKDTEC	214	>SUFU-R299(RQLSGKDTEC	3145	2931
>SUFU-R299(RRLSGKDTEC	549	>SUFU-R299(RQLSGKDTEC	344	205
>SUFU-R299(RSICIGTQPRF	19	>SUFU-R299(RSICIGTQPRC	5340	5321
>SUFU-R299(RSICIGTQPRF	179	>SUFU-R299(RSICIGTQPRC	14354	14175
>SUFU-R299(RSICIGTQPRF	470	>SUFU-R299(RSICIGTQPRC	27267	26797
>SUFU-R299(GTQPRRLSGK	42	>SUFU-R299(GTQPRQLSGI	63	21
>SUFU-R299(GTQPRRLSGK	71	>SUFU-R299(GTQPRQLSGI	89	18
>SUFU-R299(GTQPRRLSGK	167	>SUFU-R299(GTQPRQLSGI	277	110
>SUFU-R299(GTQPRRLSGK	390	>SUFU-R299(GTQPRQLSGI	244	146
>SUFU-R299(CIGTQPRR	123	>SUFU-R299(CIGTQPRQ	22335	22212
>SUFU-R299(SICIGTQPRR	317	>SUFU-R299(SICIGTQPRQ	30213	29896
>SUFU-R299(SICIGTQPRR	111	>SUFU-R299(SICIGTQPRQ	19532	19421
>SUFU-R299(SICIGTQPRR	342	>SUFU-R299(SICIGTQPRQ	33749	33407
>SUFU-R299(SICIGTQPRR	477	>SUFU-R299(SICIGTQPRQ	22638	22161
>SUFU-R362(RTRQLESVHL	98	>SUFU-R362(CTRQLESVHL	593	495
>SUFU-R362(RTRQLESVHL	100	>SUFU-R362(CTRQLESVHL	341	241
>SUFU-R362(RTRQLESV	18	>SUFU-R362(CTRQLESV	1143	1125
>SUFU-R362(RTRQLESVHL	11	>SUFU-R362(CTRQLESVHL	487	476
>SUFU-R362(RTRQLESVHL	3	>SUFU-R362(CTRQLESVHL	13	10
>SUFU-R362(RTRQLESVHL	72	>SUFU-R362(CTRQLESVHL	1237	1165
>SUFU-R362(RTRQLESVHL	573	>SUFU-R362(CTRQLESVHL	162	411
>SUFU-R362(RTRQLESV	29	>SUFU-R362(CTRQLESV	2687	2658

>SUFU-R362(IRTRQLESVH	38	>SUFU-R362(CTRQLESVH	4516	4478
>SUFU-R362(IRTRQLESVHL	4	>SUFU-R362(CTRQLESVHL	64	60
>SUFU-R362(IRTRQLESVH	3	>SUFU-R362(CTRQLESVH	20	17
>SUFU-R362(IRTRQLESVHL	53	>SUFU-R362(CTRQLESVHL	666	613
>SUFU-R362(IRTRQLESVHL	233	>SUFU-R362(CTRQLESVHL	2396	2163
>SUFU-R362(IRTRQLESVHI	421	>SUFU-R362(CTRQLESVHI	6734	6313
>SUFU-R362(IRTRQLESVHI	213	>SUFU-R362(CTRQLESVHI	25272	25059
>SUFU-R362(IRTRQLESVHI	255	>SUFU-R362(CTRQLESVHI	36515	36260
>SUFU-R362(STAIIPHELIR	100	>SUFU-R362(STAIIPHELIC	20393	20293
>SUFU-R362(STAIIPHELIR	167	>SUFU-R362(STAIIPHELIC	21118	20951
>SUFU-R362(STAIIPHELIR	11	>SUFU-R362(STAIIPHELIC	18996	18985
>SUFU-R362(STAIIPHELIR	79	>SUFU-R362(STAIIPHELIC	3984	3905
>SUFU-R362(STAIIPHELIR	491	>SUFU-R362(STAIIPHELIC	36619	36128
>SUFU-R362(LIRTRQLESV	802	>SUFU-R362(LICTRQLESV	276	526
>SUFU-R362(LIRTRQLESV	144	>SUFU-R362(LICTRQLESV	91	53
>SUFU-R362(LIRTRQLESV	2036	>SUFU-R362(LICTRQLESV	265	1771
>SUFU-R362(LIRTRQLESV	962	>SUFU-R362(LICTRQLESV	91	871
>SUFU-R362(LIRTRQLESV	13	>SUFU-R362(LICTRQLESV	10	3
>SUFU-R362(LIRTRQLES	257	>SUFU-R362(LICTRQLES	12339	12082
>SUFU-R362(LIRTRQLESV	172	>SUFU-R362(LICTRQLESV	9402	9230
>SUFU-R362(ELIRTRQLESV	388	>SUFU-R362(ELICTRQLESV	187	201
>SUFU-R362(ELIRTRQLESV	317	>SUFU-R362(ELICTRQLESV	123	194
>SUFU-R362(ELIRTRQLESV	556	>SUFU-R362(ELICTRQLESV	261	295
>SUFU-R362(ELIRTRQLESV	42	>SUFU-R362(ELICTRQLESV	24	18
>SUFU-R362(ELIRTRQLESV	118	>SUFU-R362(ELICTRQLESV	30	88
>SUFU-R362(ELIRTRQLESV	166	>SUFU-R362(ELICTRQLESV	193	27
>SUFU-R362(ELIRTRQLESV	319	>SUFU-R362(ELICTRQLESV	193	126
>SUFU-R362(ELIRTRQL	94	>SUFU-R362(ELICTRQL	345	251
>SUFU-R362(ELIRTRQLESV	7	>SUFU-R362(ELICTRQLESV	10	3
>SUFU-R362(ELIRTRQLESV	116	>SUFU-R362(ELICTRQLESV	43	73
>SUFU-R362(ELIRTRQLESV	82	>SUFU-R362(ELICTRQLESV	30	52
>SUFU-R362(ELIRTRQL	478	>SUFU-R362(ELICTRQL	1403	925
>SUFU-R362(HELIRTRQL	10	>SUFU-R362(HELICTRQL	21	11
>SUFU-R362(HELIRTRQL	1618	>SUFU-R362(HELICTRQL	267	1351
>SUFU-R362(HELIRTRQL	967	>SUFU-R362(HELICTRQL	201	766
>SUFU-R362(HELIRTRQL	100	>SUFU-R362(HELICTRQL	23	77
>SUFU-R362(HELIRTRQLES	536	>SUFU-R362(HELICTRQLES	160	376
>SUFU-R362(HELIRTRQL	442	>SUFU-R362(HELICTRQL	342	100
>SUFU-R362(HELIRTRQL	14	>SUFU-R362(HELICTRQL	10	4
>SUFU-R362(IPHELIRTRQL	724	>SUFU-R362(IPHELICTRQL	208	516
>SUFU-R362(IPHELIRTRQL	31	>SUFU-R362(IPHELICTRQL	57	26
>SUFU-R362(IPHELIRTRQL	385	>SUFU-R362(IPHELICTRQL	273	112
>SUFU-R362(IPHELIRTR	894	>SUFU-R362(IPHELICTR	188	706

>SUFU-R362(IIPHELIR	165	>SUFU-R362(IIPHELIC	34492	34327
>SUFU-R362(IIPHELIRTR	295	>SUFU-R362(IIPHELICTR	114	181
>SUFU-R362(AIIPHELIR	395	>SUFU-R362(AIIPHELIC	24118	23723
>SUFU-R362(AIIPHELIRTR	975	>SUFU-R362(AIIPHELICTR	319	656
>SUFU-R362(AIIPHELIRTR	201	>SUFU-R362(AIIPHELICTR	103	98
>SUFU-R362(AIIPHELIRTR	477	>SUFU-R362(AIIPHELICTR	182	295
>SUFU-R362(AIIPHELIRTR	1259	>SUFU-R362(AIIPHELICTR	425	834
>SUFU-R362(TAIIPHELIR	16	>SUFU-R362(TAIIPHELIC	31615	31599
>SYK-D405N- DNPYIVRMI	745	>SYK-D405N- NNPYIVRMI	189	556
>SYK-D405N- DNPYIVRMIG	997	>SYK-D405N- NNPYIVRMIG	498	499
>SYK-D405N- LDNPYIVRM	7284	>SYK-D405N- LNNPYIVRM	494	6790
>SYK-D405N- LDNPYIVRMI	89	>SYK-D405N- LNNPYIVRMI	383	294
>SYK-D405N- LDNPYIVR	2405	>SYK-D405N- LNNPYIVR	221	2184
>SYK-D405N- LDNPYIVRMI	90	>SYK-D405N- LNNPYIVRMI	3409	3319
>SYK-D405N- QLDNPYIV	111	>SYK-D405N- QLNNPYIV	239	128
>SYK-D405N- QLDNPYIV	315	>SYK-D405N- QLNNPYIV	81	234
>SYK-D405N- QLDNPYIVRM	429	>SYK-D405N- QLNNPYIVRM	389	40
>SYK-D405N- QLDNPYIV	915	>SYK-D405N- QLNNPYIV	24	891
>SYK-D405N- QLDNPYIVRM	2447	>SYK-D405N- QLNNPYIVRM	110	2337
>SYK-D405N- QLDNPYIV	408	>SYK-D405N- QLNNPYIV	1198	790
>SYK-D405N- QLDNPYIV	5	>SYK-D405N- QLNNPYIV	7	2
>SYK-D405N- QLDNPYIVRM	48	>SYK-D405N- QLNNPYIVRM	93	45
>SYK-D405N- QLDNPYIVRM	22	>SYK-D405N- QLNNPYIVRM	40	18
>SYK-D405N- QLDNPYIV	8	>SYK-D405N- QLNNPYIV	12	4
>SYK-D405N- QLDNPYIV	15	>SYK-D405N- QLNNPYIV	36	21
>SYK-D405N- QLDNPYIV	13	>SYK-D405N- QLNNPYIV	17	4
>SYK-D405N- QLDNPYIV	10	>SYK-D405N- QLNNPYIV	7	3
>SYK-D405N- QLDNPYIVRM	267	>SYK-D405N- QLNNPYIVRM	168	99
>SYK-D405N- QLDNPYIVR	2699	>SYK-D405N- QLNNPYIVR	75	2624
>SYK-D405N- QLDNPYIVRM	1206	>SYK-D405N- QLNNPYIVRM	272	934
>SYK-D405N- QLDNPYIV	4244	>SYK-D405N- QLNNPYIV	429	3815
>SYK-D405N- QLDNPYIV	257	>SYK-D405N- QLNNPYIV	552	295
>SYK-D405N- QQLDNPYI	2543	>SYK-D405N- QQLNNPYI	375	2168
>SYK-D405N- QQLDNPYI	150	>SYK-D405N- QQLNNPYI	623	473
>SYK-D405N- QQLDNPYIV	75	>SYK-D405N- QQLNNPYIV	358	283
>SYK-D405N- QQLDNPYI	22	>SYK-D405N- QQLNNPYI	35	13
>SYK-D405N- QQLDNPYIV	59	>SYK-D405N- QQLNNPYIV	107	48
>SYK-D405N- QQLDNPYIVF	190	>SYK-D405N- QQLNNPYIVF	512	322
>SYK-D405N- QQLDNPYI	92	>SYK-D405N- QQLNNPYI	184	92
>SYK-D405N- QQLDNPYIV	39	>SYK-D405N- QQLNNPYIV	96	57
>SYK-D405N- QQLDNPYI	119	>SYK-D405N- QQLNNPYI	196	77
>SYK-D405N- QQLDNPYIV	7	>SYK-D405N- QQLNNPYIV	12	5
>SYK-D405N- QQLDNPYIV	435	>SYK-D405N- QQLNNPYIV	897	462

>SYK-D405N- QQLDNPYI	241	>SYK-D405N- QQLNNPYI	510	269
>SYK-D405N- QQLDNPYIV	43	>SYK-D405N- QQLNNPYIV	142	99
>SYK-D405N- QQLDNPYI	178	>SYK-D405N- QQLNNPYI	61	117
>SYK-D405N- QQLDNPYIV	181	>SYK-D405N- QQLNNPYIV	54	127
>SYK-D405N- QQLDNPYIVF	366	>SYK-D405N- QQLNNPYIVF	123	243
>SYK-D405N- QQLDNPYIVF	57	>SYK-D405N- QQLNNPYIVF	23	34
>SYK-D405N- QQLDNPYIV	300	>SYK-D405N- QQLNNPYIV	510	210
>SYK-D405N- QQLDNPYIVF	62	>SYK-D405N- QQLNNPYIVF	94	32
>SYK-D405N- MQQLDNPYI	203	>SYK-D405N- MQQLNNPYI	304	101
>SYK-D405N- MQQLDNPYI'	390	>SYK-D405N- MQQLNNPYI'	758	368
>SYK-D405N- MQQLDNPYI	20	>SYK-D405N- MQQLNNPYI	27	7
>SYK-D405N- MQQLDNPYI'	129	>SYK-D405N- MQQLNNPYI'	241	112
>SYK-D405N- MQQLDNPYI'	478	>SYK-D405N- MQQLNNPYI'	331	147
>SYK-D405N- MQQLDNPYI	771	>SYK-D405N- MQQLNNPYI	314	457
>SYK-D405N- MQQLDNPYI'	47	>SYK-D405N- MQQLNNPYI'	30	17
>SYK-D405N- MQQLDNPY	154	>SYK-D405N- MQQLNNPY	144	10
>SYK-D405N- MQQLDNPYI'	62	>SYK-D405N- MQQLNNPYI'	31	31
>SYK-D405N- MQQLDNPY	46	>SYK-D405N- MQQLNNPY	45	1
>SYK-D405N- MQQLDNPY	148	>SYK-D405N- MQQLNNPY	104	44
>SYK-D405N- MQQLDNPY	31	>SYK-D405N- MQQLNNPY	12	19
>SYK-D405N- MQQLDNPYI	585	>SYK-D405N- MQQLNNPYI	302	283
>SYK-D405N- MQQLDNPYI'	477	>SYK-D405N- MQQLNNPYI'	290	187
>SYK-D405N- MQQLDNPY	110	>SYK-D405N- MQQLNNPY	148	38
>SYK-D405N- MQQLDNPYI'	424	>SYK-D405N- MQQLNNPYI'	233	191
>SYK-D405N- VMQQLDNP\	190	>SYK-D405N- VMQQLNNP\	216	26
>SYK-D405N- VMQQLDNP\	79	>SYK-D405N- VMQQLNNP\	59	20
>SYK-D405N- VMQQLDNP\	249	>SYK-D405N- VMQQLNNP\	229	20
>SYK-D405N- VMQQLDNP\	92	>SYK-D405N- VMQQLNNP\	71	21
>SYK-D405N- VMQQLDNP\	505	>SYK-D405N- VMQQLNNP\	400	105
>SYK-D405N- VMQQLDNP\	89	>SYK-D405N- VMQQLNNP\	57	32
>SYK-D405N- VMQQLDNP\	13	>SYK-D405N- VMQQLNNP\	8	5
>SYK-D405N- VMQQLDNP\	7	>SYK-D405N- VMQQLNNP\	5	2
>SYK-D405N- VMQQLDNP\	17	>SYK-D405N- VMQQLNNP\	15	2
>SYK-D405N- VMQQLDNP\	4	>SYK-D405N- VMQQLNNP\	5	1
>SYK-D405N- VMQQLDNP\	42	>SYK-D405N- VMQQLNNP\	55	13
>SYK-D405N- VMQQLDNP\	15	>SYK-D405N- VMQQLNNP\	19	4
>SYK-D405N- VMQQLDNP\	78	>SYK-D405N- VMQQLNNP\	43	35
>SYK-D405N- VMQQLDNP\	25	>SYK-D405N- VMQQLNNP\	12	13
>SYK-D405N- VMQQLDNP\	32	>SYK-D405N- VMQQLNNP\	23	9
>SYK-D405N- VMQQLDNP\	4	>SYK-D405N- VMQQLNNP\	4	0
>SYK-D405N- VMQQLDNP\	67	>SYK-D405N- VMQQLNNP\	93	26
>SYK-D405N- VMQQLDNP\	18	>SYK-D405N- VMQQLNNP\	15	3
>SYK-D405N- VMQQLDNP\	30	>SYK-D405N- VMQQLNNP\	31	1



>SYK-D405N-VMQQLDNP\	39	>SYK-D405N-VMQQLNNP\	34	5
>SYK-D405N-VMQQLDNP\	197	>SYK-D405N-VMQQLNNP\	48	149
>SYK-D405N-VMQQLDNP\	79	>SYK-D405N-VMQQLNNP\	231	152
>SYK-D405N-NVMQQLDNI	442	>SYK-D405N-NVMQQLNNI	459	17
>SYK-D405N-NVMQQLDNI	313	>SYK-D405N-NVMQQLNNI	285	28
>SYK-D405N-NVMQQLDNI	696	>SYK-D405N-NVMQQLNNI	472	224
>SYK-D405N-NVMQQLDNI	57	>SYK-D405N-NVMQQLNNI	63	6
>SYK-D405N-NVMQQLDNI	185	>SYK-D405N-NVMQQLNNI	195	10
>SYK-D405N-NVMQQLDNI	448	>SYK-D405N-NVMQQLNNI	262	186
>SYK-D405N-NVMQQLDNI	19	>SYK-D405N-NVMQQLNNI	21	2
>SYK-D405N-NVMQQLDNI	425	>SYK-D405N-NVMQQLNNI	478	53
>SYK-D405N-NVMQQLDNI	50	>SYK-D405N-NVMQQLNNI	16	34
>SYK-D405N-NVMQQLDNI	424	>SYK-D405N-NVMQQLNNI	408	16
>SYK-D405N-NVMQQLDNI	81	>SYK-D405N-NVMQQLNNI	53	28
>SYK-D405N-NVMQQLDNI	20	>SYK-D405N-NVMQQLNNI	14	6
>SYK-D405N-NVMQQLDNI	547	>SYK-D405N-NVMQQLNNI	371	176
>SYK-D405N-NVMQQLDNI	185	>SYK-D405N-NVMQQLNNI	151	34
>SYK-D405N-NVMQQLDNI	215	>SYK-D405N-NVMQQLNNI	185	30
>SYK-D405N-NVMQQLDNI	239	>SYK-D405N-NVMQQLNNI	146	93
>SYK-D405N-ANVMQQLDI	1058	>SYK-D405N-ANVMQQLNI	493	565
>SYK-D580H-DLMNLCWT	9319	>SYK-D580H-HLMNLCWT	128	9191
>SYK-D580H-DLMNLCWTY	162	>SYK-D580H-HLMNLCWTY	8	154
>SYK-D580H-DLMNLCWT	3468	>SYK-D580H-HLMNLCWT	69	3399
>SYK-D580H-DLMNLCWTY	189	>SYK-D580H-HLMNLCWTY	5	184
>SYK-D580H-DLMNLCWT	5064	>SYK-D580H-HLMNLCWT	127	4937
>SYK-D580H-DLMNLCWTY	370	>SYK-D580H-HLMNLCWTY	8	362
>SYK-D580H-DLMNLCWT	7669	>SYK-D580H-HLMNLCWT	258	7411
>SYK-D580H-DLMNLCWTY	570	>SYK-D580H-HLMNLCWTY	18	552
>SYK-D580H-DLMNLCWT	2461	>SYK-D580H-HLMNLCWT	236	2225
>SYK-D580H-DLMNLCWTY	23	>SYK-D580H-HLMNLCWTY	5	18
>SYK-D580H-DLMNLCWT	7421	>SYK-D580H-HLMNLCWT	434	6987
>SYK-D580H-DLMNLCWTY	14	>SYK-D580H-HLMNLCWTY	3	11
>SYK-D580H-DLMNLCWTY	23	>SYK-D580H-HLMNLCWTY	9	14
>SYK-D580H-DLMNLCWT	740	>SYK-D580H-HLMNLCWT	435	305
>SYK-D580H-DLMNLCWTY	4	>SYK-D580H-HLMNLCWTY	2	2
>SYK-D580H-DLMNLCWT	778	>SYK-D580H-HLMNLCWT	28	750
>SYK-D580H-DLMNLCWTY	6168	>SYK-D580H-HLMNLCWTY	442	5726
>SYK-D580H-DLMNLCWTY	6	>SYK-D580H-HLMNLCWTY	2	4
>SYK-D580H-DLMNLCWTY	13778	>SYK-D580H-HLMNLCWTY	315	13463
>SYK-D580H-DLMNLCWTY	410	>SYK-D580H-HLMNLCWTY	663	253
>SYK-D580H-DLMNLCWTY	63	>SYK-D580H-HLMNLCWTY	17	46
>SYK-D580H-DLMNLCWTY	68	>SYK-D580H-HLMNLCWTY	17	51
>SYK-D580H-DLMNLCWTY	623	>SYK-D580H-HLMNLCWTY	47	576

>SYK-D580H-DLMNLCWTY	851	>SYK-D580H-HLMNLCWTY	116	735
>SYK-D580H-DLMNLCWTY	88	>SYK-D580H-HLMNLCWTY	53	35
>SYK-D580H-DLMNLCWTY	54	>SYK-D580H-HLMNLCWTY	55	1
>SYK-D580H-DLMNLCWTY	195	>SYK-D580H-HLMNLCWTY	9	186
>SYK-D580H-DLMNLCWTY	2176	>SYK-D580H-HLMNLCWTY	90	2086
>SYK-D580H-DLMNLCWTY	775	>SYK-D580H-HLMNLCWTY	139	636
>SYK-D580H-DLMNLCWTY	2074	>SYK-D580H-HLMNLCWTY	135	1939
>SYK-D580H-DLMNLCWTY	358	>SYK-D580H-HLMNLCWTY	2214	1856
>SYK-D580H-DLMNLCWTY	412	>SYK-D580H-HLMNLCWTY	110	302
>SYK-D580H-DLMNLCWTY	2903	>SYK-D580H-HLMNLCWTY	72	2831
>SYK-D580H-DLMNLCWTY	203	>SYK-D580H-HLMNLCWTY	64	139
>SYK-D580H-YDLMNLCWT	745	>SYK-D580H-YHLMNLCWT	398	347
>SYK-D580H-YDLMNLCWT	1307	>SYK-D580H-YHLMNLCWT	294	1013
>SYK-D580H-YDLMNLCWT	1066	>SYK-D580H-YHLMNLCWT	41	1025
>SYK-D580H-YDLMNLCWT	498	>SYK-D580H-YHLMNLCWT	6694	6196
>SYK-D580H-YDLMNLCW	340	>SYK-D580H-YHLMNLCW	228	112
>SYK-D580H-YDLMNLCW	19106	>SYK-D580H-YHLMNLCW	100	19006
>SYK-D580H-MYDLMNLCV	274	>SYK-D580H-MYHLMNLCV	14015	13741
>SYK-D580H-MYDLMNLCV	680	>SYK-D580H-MYHLMNLCV	179	501
>SYK-D580H-MYDLMNLCV	671	>SYK-D580H-MYHLMNLCV	202	469
>SYK-D580H-MYDLMNLCV	1329	>SYK-D580H-MYHLMNLCV	447	882
>SYK-D580H-MYDLMNLCV	1094	>SYK-D580H-MYHLMNLCV	154	940
>SYK-D580H-MYDLMNLCV	598	>SYK-D580H-MYHLMNLCV	126	472
>SYK-D580H-MYDLMNLCV	32	>SYK-D580H-MYHLMNLCV	11	21
>SYK-D580H-MYDLMNLCV	244	>SYK-D580H-MYHLMNLCV	107	137
>SYK-D580H-MYDLMNLCV	57	>SYK-D580H-MYHLMNLCV	33	24
>SYK-D580H-MYDLMNLCV	557	>SYK-D580H-MYHLMNLCV	491	66
>SYK-D580H-MYDLMNLCV	55	>SYK-D580H-MYHLMNLCV	342	287
>SYK-D580H-MYDLMNLCV	585	>SYK-D580H-MYHLMNLCV	425	160
>SYK-D580H-MYDLMNLC	907	>SYK-D580H-MYHLMNLC	432	475
>SYK-D580H-MYDLMNLCV	557	>SYK-D580H-MYHLMNLCV	297	260
>SYK-D580H-EMYDLMNL	139	>SYK-D580H-EMYHLMNL	659	520
>SYK-D580H-EMYDLMNL	32	>SYK-D580H-EMYHLMNL	83	51
>SYK-D580H-EMYDLMNL	32	>SYK-D580H-EMYHLMNL	46	14
>SYK-D580H-EMYDLMNLC	338	>SYK-D580H-EMYHLMNLC	630	292
>SYK-D580H-EMYDLMNL	211	>SYK-D580H-EMYHLMNL	844	633
>SYK-D580H-EMYDLMNL	8	>SYK-D580H-EMYHLMNL	28	20
>SYK-D580H-EMYDLMNLC	122	>SYK-D580H-EMYHLMNLC	1031	909
>SYK-D580H-EMYDLMNLC	46	>SYK-D580H-EMYHLMNLC	245	199
>SYK-D580H-EMYDLMNL	32	>SYK-D580H-EMYHLMNL	114	82
>SYK-D580H-EMYDLMNL	19	>SYK-D580H-EMYHLMNL	71	52
>SYK-D580H-EMYDLMNLC	325	>SYK-D580H-EMYHLMNLC	1344	1019
>SYK-D580H-EMYDLMNL	37	>SYK-D580H-EMYHLMNL	789	752

>SYK-D580H- EMYDLMNL	5	>SYK-D580H- EMYHLMNL	42	37
>SYK-D580H- EMYDLMNLC	256	>SYK-D580H- EMYHLMNLC	7110	6854
>SYK-D580H- EMYDLMNLC	46	>SYK-D580H- EMYHLMNLC	571	525
>SYK-D580H- EMYDLMNL	264	>SYK-D580H- EMYHLMNL	337	73
>SYK-D580H- EMYDLMNL	207	>SYK-D580H- EMYHLMNL	332	125
>SYK-D580H- EMYDLMNL	14	>SYK-D580H- EMYHLMNL	37	23
>SYK-D580H- EMYDLMNLC	452	>SYK-D580H- EMYHLMNLC	2505	2053
>SYK-D580H- EMYDLMNL	340	>SYK-D580H- EMYHLMNL	104	236
>SYK-D580H- EMYDLMNLC	285	>SYK-D580H- EMYHLMNLC	311	26
>SYK-D580H- EMYDLMNLC	837	>SYK-D580H- EMYHLMNLC	438	399
>SYK-D580H- EMYDLMNLC	408	>SYK-D580H- EMYHLMNLC	266	142
>SYK-D580H- EMYDLMNLC	436	>SYK-D580H- EMYHLMNLC	366	70
>SYK-D580H- REMYDLMNL	157	>SYK-D580H- REMYHLMNL	73	84
>SYK-D580H- REMYDLMNL	6	>SYK-D580H- REMYHLMNL	6	0
>SYK-D580H- REMYDLMNL	37	>SYK-D580H- REMYHLMNL	21	16
>SYK-D580H- REMYDLMNL	331	>SYK-D580H- REMYHLMNL	463	132
>SYK-D580H- REMYDLMNL	294	>SYK-D580H- REMYHLMNL	146	148
>SYK-D580H- REMYDLMNL	58	>SYK-D580H- REMYHLMNL	57	1
>SYK-D580H- REMYDLMNL	594	>SYK-D580H- REMYHLMNL	347	247
>SYK-D580H- REMYDLMNL	29	>SYK-D580H- REMYHLMNL	17	12
>SYK-D580H- REMYDLMN	1051	>SYK-D580H- REMYHLMN	317	734
>SYK-D580H- REMYDLMNL	300	>SYK-D580H- REMYHLMNL	221	79
>SYK-D580H- REMYDLMNL	755	>SYK-D580H- REMYHLMNL	257	498
>SYK-D580H- REMYDLMNL	4	>SYK-D580H- REMYHLMNL	3	1
>SYK-D580H- REMYDLMNL	440	>SYK-D580H- REMYHLMNL	163	277
>SYK-D580H- REMYDLMNL	25	>SYK-D580H- REMYHLMNL	15	10
>SYK-D580H- CPREMYDL	78	>SYK-D580H- CPREMYHL	57	21
>SYK-D580H- CPREMYDLM	193	>SYK-D580H- CPREMYHLM	49	144
>SYK-D580H- CPREMYDLM	89	>SYK-D580H- CPREMYHLM	34	55
>SYK-D580H- CPREMYDLM	2386	>SYK-D580H- CPREMYHLM	333	2053
>SYK-D580H- CPREMYDLM	122	>SYK-D580H- CPREMYHLM	133	11
>SYK-D580H- CPREMYDLM	322	>SYK-D580H- CPREMYHLM	170	152
>SYK-D580H- CPREMYDLM	498	>SYK-D580H- CPREMYHLM	552	54
>SYK-D580H- CPREMYDLM	378	>SYK-D580H- CPREMYHLM	188	190
>SYK-D580H- GCPREMYDLI	1200	>SYK-D580H- GCPREMYHLI	247	953
>SYK-S293C-1 STVSFNPY	518	>SYK-S293C-1 CTVSFNPY	120	398
>SYK-S293C-1 STVSFNPY	43	>SYK-S293C-1 CTVSFNPY	421	378
>SYK-S293C-1 STVSFNPY	406	>SYK-S293C-1 CTVSFNPY	1794	1388
>SYK-S293C-1 STVSFNPY	33	>SYK-S293C-1 CTVSFNPY	113	80
>SYK-S293C-1 STVSFNPY	5	>SYK-S293C-1 CTVSFNPY	9	4
>SYK-S293C-1 STVSFNPY	29	>SYK-S293C-1 CTVSFNPY	25	4
>SYK-S293C-1 STVSFNPY	36	>SYK-S293C-1 CTVSFNPY	61	25
>SYK-S293C-1 STVSFNPY	42	>SYK-S293C-1 CTVSFNPY	60	18

>SYK-S293C-1STVSFNPY	99	>SYK-S293C-1CTVSFNPY	285	186
>SYK-S293C-1STVSFNPY	200	>SYK-S293C-1CTVSFNPY	777	577
>SYK-S293C-1STVSFNPY	83	>SYK-S293C-1CTVSFNPY	401	318
>SYK-S293C-1STVSFNPY	98	>SYK-S293C-1CTVSFNPY	111	13
>SYK-S293C-1STVSFNPY	10	>SYK-S293C-1CTVSFNPY	29	19
>SYK-S293C-1STVSFNPY	321	>SYK-S293C-1CTVSFNPY	210	111
>SYK-S293C-1STVSFNPY	115	>SYK-S293C-1CTVSFNPY	142	27
>SYK-S293C-1STVSFNPY	262	>SYK-S293C-1CTVSFNPY	744	482
>SYK-S293C-1STVSFNPY	386	>SYK-S293C-1CTVSFNPY	3496	3110
>SYK-S293C-1ESTVSFNPY	134	>SYK-S293C-1ECTVSFNPY	9703	9569
>SYK-S293C-1ESTVSFNPY	309	>SYK-S293C-1ECTVSFNPY	2462	2153
>SYK-S293C-1ESTVSFNPY	19	>SYK-S293C-1ECTVSFNPY	116	97
>SYK-S293C-1ESTVSFNPY	16	>SYK-S293C-1ECTVSFNPY	43	27
>SYK-S293C-1ESTVSFNPY	198	>SYK-S293C-1ECTVSFNPY	7175	6977
>SYK-S293C-1ESTVSFNPY	146	>SYK-S293C-1ECTVSFNPY	1555	1409
>SYK-S293C-1ESTVSFNPY	80	>SYK-S293C-1ECTVSFNPY	18081	18001
>SYK-S293C-1ESTVSFNPY	103	>SYK-S293C-1ECTVSFNPY	419	316
>SYK-S293C-1QESTVSFNPY	411	>SYK-S293C-1QECTVSFNPY	413	2
>SYK-S293C-1QESTVSFNPY	167	>SYK-S293C-1QECTVSFNPY	317	150
>SYK-S293C-1QESTVSFNPY	95	>SYK-S293C-1QECTVSFNPY	103	8
>SYK-S293C-1QESTVSFNPY	76	>SYK-S293C-1QECTVSFNPY	77	1
>SYK-S293C-1RQUESTVSFNP	103	>SYK-S293C-1RQECTVSFNF	663	560
>SYK-S293C-1RQUESTVSF	107	>SYK-S293C-1RQECTVSF	111	4
>SYK-S293C-1RQUESTVSF	46	>SYK-S293C-1RQECTVSF	51	5
>SYK-S293C-1RQUESTVSFNP	38	>SYK-S293C-1RQECTVSFNF	41	3
>SYK-S293C-1RQUESTVSFNP	401	>SYK-S293C-1RQECTVSFNF	571	170
>SYK-S293C-1RQUESTVSF	3	>SYK-S293C-1RQECTVSF	4	1
>SYK-S293C-1RQUESTVSFNP	4	>SYK-S293C-1RQECTVSFNF	5	1
>SYK-S293C-1RQUESTVSF	395	>SYK-S293C-1RQECTVSF	795	400
>SYK-S293C-1RQUESTVSF	1014	>SYK-S293C-1RQECTVSF	334	680
>SYK-S293C-1NRQUESTVSF	19	>SYK-S293C-1NRQECTVSF	71	52
>SYK-S293C-1NRQUESTVSF	208	>SYK-S293C-1NRQECTVSF	257	49
>SYK-S293C-1NRQUESTVSF	280	>SYK-S293C-1NRQECTVSF	81	199
>SYK-S293C-1GNRQUESTVSF	183	>SYK-S293C-1GNRQECTVSI	466	283
>SYK-S293C-1GNRQUESTVSF	67	>SYK-S293C-1GNRQECTVSI	146	79
>SYK-S293C-1AQGNRQUESTV	183	>SYK-S293C-1AQGNRQECTV	315	132
>SYK-S293C-1AQGNRQUEST	406	>SYK-S293C-1AQGNRQECT	233	173
>SYK-S293C-1AQGNRQUEST	441	>SYK-S293C-1AQGNRQECT	287	154
>SYK-S293C-1AQGNRQUEST	593	>SYK-S293C-1AQGNRQECT	172	421
>SYK-S293C-1AQGNRQUEST	537	>SYK-S293C-1AQGNRQECT	272	265
>SYK-S293C-1AQGNRQUEST	481	>SYK-S293C-1AQGNRQECT	962	481
>SYK-S293C-1SPAQGNRQE	167	>SYK-S293C-1SPAQGNRQE	1911	1744
>SYK-Y246C-1YKADGLLRV	224	>SYK-Y246C-1CKADGLLRV	2818	2594

>SYK-Y246C-1YKADGLLRV	72	>SYK-Y246C-1CKADGLLRV	2020	1948
>SYK-Y246C-1YKADGLLRV	93	>SYK-Y246C-1CKADGLLRV	6074	5981
>SYK-Y246C-1YKADGLLRV	219	>SYK-Y246C-1CKADGLLRV	11233	11014
>SYK-Y246C-1YKADGLLRV	11	>SYK-Y246C-1CKADGLLRV	1344	1333
>SYK-Y246C-1YKADGLLRVL	113	>SYK-Y246C-1CKADGLLRVL	1170	1057
>SYK-Y246C-1YKADGLLRVL	49	>SYK-Y246C-1CKADGLLRVL	1528	1479
>SYK-Y246C-1SYKADGLL	102	>SYK-Y246C-1SCKADGLL	20101	19999
>SYK-Y246C-1SYKADGLLRV	60	>SYK-Y246C-1SCKADGLLRV	13750	13690
>SYK-Y246C-1SYKADGLL	82	>SYK-Y246C-1SCKADGLL	22914	22832
>SYK-Y246C-1SYKADGLLRV	52	>SYK-Y246C-1SCKADGLLRV	22113	22061
>SYK-Y246C-1SYKADGLLRV	284	>SYK-Y246C-1SCKADGLLRV	2657	2373
>SYK-Y246C-1SYKADGLLR	91	>SYK-Y246C-1SCKADGLLR	2757	2666
>SYK-Y246C-1SYKADGLLR	54	>SYK-Y246C-1SCKADGLLR	724	670
>SYK-Y246C-1SYKADGLLRV	173	>SYK-Y246C-1SCKADGLLRV	14456	14283
>SYK-Y246C-1TLWQLVEHY!	872	>SYK-Y246C-1TLWQLVEHY!	28	844
>SYK-Y246C-1TLWQLVEHY!	4560	>SYK-Y246C-1TLWQLVEHY!	374	4186
>SYK-Y246C-1TLWQLVEHY!	12139	>SYK-Y246C-1TLWQLVEHY!	434	11705
>SYK-Y246C-1TLWQLVEHY!	1954	>SYK-Y246C-1TLWQLVEHY!	80	1874
>SYK-Y246C-1TLWQLVEHY!	13	>SYK-Y246C-1TLWQLVEHY!	12843	12830
>SYK-Y246C-1TLWQLVEHY!	48	>SYK-Y246C-1TLWQLVEHY!	18511	18463
>SYK-Y246C-1TLWQLVEHY!	112	>SYK-Y246C-1TLWQLVEHY!	994	882
>SYK-Y246C-1TLWQLVEHY!	52	>SYK-Y246C-1TLWQLVEHY!	25268	25216
>SYK-Y246C-1TLWQLVEHY!	92	>SYK-Y246C-1TLWQLVEHY!	15668	15576
>SYK-Y246C-1TLWQLVEHY!	250	>SYK-Y246C-1TLWQLVEHY!	25812	25562
>SYK-Y246C-1TLWQLVEHY!	245	>SYK-Y246C-1TLWQLVEHY!	12995	12750
>SYK-Y246C-1TLWQLVEHY!	218	>SYK-Y246C-1TLWQLVEHY!	15980	15762
>SYK-Y246C-1YSYKADGLL	230	>SYK-Y246C-1YSCKADGLL	12079	11849
>SYK-Y246C-1YSYKADGLLR'	377	>SYK-Y246C-1YSCKADGLLR	2396	2019
>SYK-Y246C-1YSYKADGLLR'	318	>SYK-Y246C-1YSCKADGLLR	3265	2947
>SYK-Y246C-1YSYKADGLLR'	126	>SYK-Y246C-1YSCKADGLLR	706	580
>SYK-Y246C-1YSYKADGLLR'	119	>SYK-Y246C-1YSCKADGLLR	1226	1107
>SYK-Y246C-1YSYKADGLLR'	229	>SYK-Y246C-1YSCKADGLLR	7151	6922
>SYK-Y246C-1YSYKADGLLR'	306	>SYK-Y246C-1YSCKADGLLR	2046	1740
>SYK-Y246C-1YSYKADGLLR	169	>SYK-Y246C-1YSCKADGLLR	390	221
>SYK-Y246C-1YSYKADGLLR	221	>SYK-Y246C-1YSCKADGLLR	306	85
>SYK-Y246C-1YSYKADGLLR	6	>SYK-Y246C-1YSCKADGLLR	20	14
>SYK-Y246C-1YSYKADGLLR'	320	>SYK-Y246C-1YSCKADGLLR	2046	1726
>SYK-Y246C-1YSYKADGLLR'	238	>SYK-Y246C-1YSCKADGLLR	4230	3992
>SYK-Y246C-1YSYKADGL	10	>SYK-Y246C-1YSCKADGL	52	42
>SYK-Y246C-1YSYKADGLL	27	>SYK-Y246C-1YSCKADGLL	170	143
>SYK-Y246C-1YSYKADGLLR'	49	>SYK-Y246C-1YSCKADGLLR	361	312
>SYK-Y246C-1YSYKADGLL	219	>SYK-Y246C-1YSCKADGLL	931	712
>SYK-Y246C-1YSYKADGLL	40	>SYK-Y246C-1YSCKADGLL	184	144

>SYK-Y246C-1 YSYKADGLLR	124	>SYK-Y246C-1 YSCKADGLLR	603	479
>SYK-Y246C-1 YSYKADGLLR	313	>SYK-Y246C-1 YSCKADGLLR	1033	720
>SYK-Y246C-1 YSYKADGL	200	>SYK-Y246C-1 YSCKADGL	673	473
>SYK-Y246C-1 YSYKADGLL	46	>SYK-Y246C-1 YSCKADGLL	135	89
>SYK-Y246C-1 YSYKADGLLR	348	>SYK-Y246C-1 YSCKADGLLR	1096	748
>SYK-Y246C-1 HYSYKADGLL	463	>SYK-Y246C-1 HYSCKADGLL	955	492
>SYK-Y246C-1 HYSYKADGL	37	>SYK-Y246C-1 HYSCKADGL	40	3
>SYK-Y246C-1 HYSYKADGLL	30	>SYK-Y246C-1 HYSCKADGLL	32	2
>SYK-Y246C-1 HYSYKADGLL	177	>SYK-Y246C-1 HYSCKADGLL	307	130
>SYK-Y246C-1 HYSYKADGLL	95	>SYK-Y246C-1 HYSCKADGLL	144	49
>SYK-Y246C-1 HYSYKADGLL	192	>SYK-Y246C-1 HYSCKADGLL	445	253
>SYK-Y246C-1 HYSYKADGLL	22	>SYK-Y246C-1 HYSCKADGLL	15	7
>SYK-Y246C-1 EHYSYKADGL	127	>SYK-Y246C-1 EHYSCKADGL	312	185
>SYK-Y246C-1 EHYSYKADGL	226	>SYK-Y246C-1 EHYSCKADGL	442	216
>SYK-Y246C-1 EHYSYKADGL	125	>SYK-Y246C-1 EHYSCKADGL	223	98
>SYK-Y246C-1 EHYSYKADGL	159	>SYK-Y246C-1 EHYSCKADGL	268	109
>SYK-Y246C-1 VEHSYKADG	169	>SYK-Y246C-1 VEHSYCKADG	150	19
>SYK-Y246C-1 VEHSYKADG	18	>SYK-Y246C-1 VEHSYCKADG	37	19
>SYK-Y246C-1 VEHSYKA	402	>SYK-Y246C-1 VEHSYCKA	789	387
>SYK-Y246C-1 VEHSYKADG	368	>SYK-Y246C-1 VEHSYCKADG	521	153
>SYK-Y246C-1 VEHSYKA	19	>SYK-Y246C-1 VEHSYCKA	93	74
>SYK-Y246C-1 VEHSYKADG	177	>SYK-Y246C-1 VEHSYCKADG	150	27
>SYK-Y246C-1 LVEHSYK	290	>SYK-Y246C-1 LVEHSYCK	1695	1405
>SYK-Y246C-1 LVEHSYK	59	>SYK-Y246C-1 LVEHSYCK	492	433
>SYK-Y246C-1 LVEHSYK	245	>SYK-Y246C-1 LVEHSYCK	1608	1363
>SYK-Y246C-1 LVEHSYK	335	>SYK-Y246C-1 LVEHSYCK	2902	2567
>SYK-Y246C-1 LVEHSYK	157	>SYK-Y246C-1 LVEHSYCK	427	270
>SYK-Y246C-1 QLVEHSYKA	133	>SYK-Y246C-1 QLVEHSYCKA	422	289
>SYK-Y246C-1 QLVEHSYKA	644	>SYK-Y246C-1 QLVEHSYCKA	389	255
>SYK-Y246C-1 QLVEHSY	5340	>SYK-Y246C-1 QLVEHSYSC	185	5155
>SYK-Y246C-1 QLVEHSYKA	47	>SYK-Y246C-1 QLVEHSYCKA	103	56
>SYK-Y246C-1 QLVEHSYKA	102	>SYK-Y246C-1 QLVEHSYCKA	445	343
>SYK-Y246C-1 QLVEHSY	5696	>SYK-Y246C-1 QLVEHSYSC	216	5480
>SYK-Y246C-1 QLVEHSYKA	51	>SYK-Y246C-1 QLVEHSYCKA	35	16
>SYK-Y246C-1 QLVEHSYK	45	>SYK-Y246C-1 QLVEHSYCK	179	134
>SYK-Y246C-1 QLVEHSYK	68	>SYK-Y246C-1 QLVEHSYCK	903	835
>SYK-Y246C-1 QLVEHSY	430	>SYK-Y246C-1 QLVEHSYSC	17821	17391
>SYK-Y246C-1 QLVEHSY	56	>SYK-Y246C-1 QLVEHSYSC	23026	22970
>SYK-Y246C-1 QLVEHSY	23	>SYK-Y246C-1 QLVEHSYSC	18276	18253
>SYK-Y246C-1 QLVEHSY	406	>SYK-Y246C-1 QLVEHSYSC	28854	28448
>SYK-Y246C-1 QLVEHSYK	479	>SYK-Y246C-1 QLVEHSYCK	3433	2954
>SYK-Y246C-1 QLVEHSYK	137	>SYK-Y246C-1 QLVEHSYCK	731	594
>SYK-Y246C-1 QLVEHSY	94	>SYK-Y246C-1 QLVEHSYSC	14744	14650

>SYK-Y246C-1 QLVEHYSY	152	>SYK-Y246C-1 QLVEHYSY	22507	22355
>SYK-Y246C-1 QLVEHYSY	132	>SYK-Y246C-1 QLVEHYSY	11519	11387
>SYK-Y246C-1 QLVEHYSY	293	>SYK-Y246C-1 QLVEHYSY	19174	18881
>SYK-Y246C-1 QLVEHYSY	377	>SYK-Y246C-1 QLVEHYSY	33639	33262
>SYK-Y246C-1 WQLVEHYSY	2323	>SYK-Y246C-1 WQLVEHYSY	409	1914
>SYK-Y246C-1 WQLVEHYSY	67	>SYK-Y246C-1 WQLVEHYSY	93	26
>SYK-Y246C-1 WQLVEHYSY	190	>SYK-Y246C-1 WQLVEHYSY	875	685
>SYK-Y246C-1 WQLVEHYSY	322	>SYK-Y246C-1 WQLVEHYSY	1845	1523
>SYK-Y246C-1 WQLVEHYSY	40	>SYK-Y246C-1 WQLVEHYSY	22211	22171
>SYK-Y246C-1 WQLVEHYSY	146	>SYK-Y246C-1 WQLVEHYSY	30778	30632
>SYK-Y246C-1 WQLVEHYSY	80	>SYK-Y246C-1 WQLVEHYSY	11494	11414
>SYK-Y246C-1 WQLVEHYSY	238	>SYK-Y246C-1 WQLVEHYSY	21292	21054
>SYK-Y246C-1 WQLVEHYSY	7	>SYK-Y246C-1 WQLVEHYSY	747	740
>SYK-Y246C-1 WQLVEHYSY	189	>SYK-Y246C-1 WQLVEHYSY	204	15
>SYK-Y246C-1 WQLVEHYSY	404	>SYK-Y246C-1 WQLVEHYSY	359	45
>SYK-Y246C-1 WQLVEHYSY	25	>SYK-Y246C-1 WQLVEHYSY	5513	5488
>SYK-Y246C-1 WQLVEHYSY	255	>SYK-Y246C-1 WQLVEHYSY	18271	18016
>SYK-Y246C-1 LWQLVEHYSY	42	>SYK-Y246C-1 LWQLVEHYSY	19245	19203
>SYK-Y246C-1 LWQLVEHYSY	41	>SYK-Y246C-1 LWQLVEHYSY	17410	17369
>SYK-Y246C-1 LWQLVEHYSY	160	>SYK-Y246C-1 LWQLVEHYSY	1633	1473
>SYK-Y246C-1 LWQLVEHYSY	202	>SYK-Y246C-1 LWQLVEHYSY	547	345
>TAF15-D278 DTGKPKGEAT	7389	>TAF15-D278 DTGKPKGEAT	232	7157
>TAF15-D278 DTGKPKGEAT	8270	>TAF15-D278 DTGKPKGEAT	451	7819
>TAF15-D278 DTGKPKGEAT	489	>TAF15-D278 DTGKPKGEAT	3752	3263
>TAF15-D278 DTGKPKGEAT	143	>TAF15-D278 DTGKPKGEAT	2949	2806
>TAF15-D278 KPMINLYTDK	21577	>TAF15-D278 KPMINLYTDK	125	21452
>TAF15-D278 KPMINLYTDK	4391	>TAF15-D278 KPMINLYTDK	390	4001
>TAF15-D278 YTDKDTGK	951	>TAF15-D278 YTDKDTGK	168	783
>TAF15-D278 YTDKDTGKPK	405	>TAF15-D278 YTDKDTGKPK	335	70
>TAF15-D278 YTDKDTGK	119	>TAF15-D278 YTDKDTGK	44	75
>TAF15-D278 YTDKDTGKPK	1753	>TAF15-D278 YTDKDTGKPK	348	1405
>TAF15-D278 NLYTDKDTGK	526	>TAF15-D278 NLYTDKDTGK	88	438
>TAF15-D278 MINLYTDKD	23922	>TAF15-D278 MINLYTDKV	240	23682
>TAF15-D278 MINLYTDKD	11269	>TAF15-D278 MINLYTDKV	9	11260
>TAF15-D278 MINLYTDKD	20320	>TAF15-D278 MINLYTDKV	16	20304
>TAF15-D278 MINLYTDKD	26996	>TAF15-D278 MINLYTDKV	88	26908
>TAF15-D278 MINLYTDKD	27712	>TAF15-D278 MINLYTDKV	40	27672
>TAF15-D278 MINLYTDKD	27643	>TAF15-D278 MINLYTDKV	258	27385
>TAF15-D278 MINLYTDKD	26206	>TAF15-D278 MINLYTDKV	56	26150
>TAF15-D278 MINLYTDKD	35181	>TAF15-D278 MINLYTDKV	21	35160
>TAF15-D278 MINLYTDKD	16250	>TAF15-D278 MINLYTDKV	22	16228
>TAF15-D278 MINLYTDKD	22231	>TAF15-D278 MINLYTDKV	153	22078
>TAF15-D278 PMINLYTDKC	21931	>TAF15-D278 PMINLYTDKV	378	21553

>TAF15-D27ËPMINLYTDKC	23725	>TAF15-D27ËPMINLYTDKV	362	23363
>TAF15-D27ËPMINLYTDKC	25141	>TAF15-D27ËPMINLYTDKV	33	25108
>TAF15-D27ËPMINLYTDKC	23963	>TAF15-D27ËPMINLYTDKV	228	23735
>TAF15-D27ËPMINLYTDKC	23554	>TAF15-D27ËPMINLYTDKV	50	23504
>TAF15-D27ËPMINLYTDKC	26027	>TAF15-D27ËPMINLYTDKV	286	25741
>TAF15-D27ËPMINLYTDKC	33174	>TAF15-D27ËPMINLYTDKV	23	33151
>TAF15-I236'TIFVQGLGEG	253	>TAF15-I236'TVFVQGLGEC	554	301
>TAF15-I236'TIFVQGLGEG	205	>TAF15-I236'TVFVQGLGEC	469	264
>TAF15-I236'TIFVQGLGEG	113	>TAF15-I236'TVFVQGLGEC	95	18
>TAF15-I236'TIFVQGLGEG	43	>TAF15-I236'TVFVQGLGEC	131	88
>TAF15-I236'TIFVQGLGEG	74	>TAF15-I236'TVFVQGLGEC	223	149
>TAF15-I236'TIFVQGLGEG	38	>TAF15-I236'TVFVQGLGEC	90	52
>TAF15-I236'TIFVQGLGEG	55	>TAF15-I236'TVFVQGLGEC	17	38
>TAF15-I236'TIFVQGLGEG	95	>TAF15-I236'TVFVQGLGEC	48	47
>TAF15-I236'SESDNSDNN`	56	>TAF15-I236'SESDNSDNN`	481	425
>TAF15-I236'SESDNSDNN`	67	>TAF15-I236'SESDNSDNN`	187	120
>TAF15-I236'SESDNSDNN`	980	>TAF15-I236'SESDNSDNN`	219	761
>TAF15-I236'SESDNSDNN`	57	>TAF15-I236'SESDNSDNN`	259	202
>TAF15-I236'NTIFVQGL	99	>TAF15-I236'NTVFVQGL	237	138
>TAF15-I236'NTIFVQGL	12	>TAF15-I236'NTVFVQGL	17	5
>TAF15-I236'NTIFVQGLG	307	>TAF15-I236'NTVFVQGLG	501	194
>TAF15-I236'NTIFVQGL	85	>TAF15-I236'NTVFVQGL	113	28
>TAF15-I236'NTIFVQGL	489	>TAF15-I236'NTVFVQGL	442	47
>TAF15-I236'SDNNTIFV	68	>TAF15-I236'SDNNTVFV	60	8
>TAF15-I236'NSDNNTIFV	107	>TAF15-I236'NSDNNTVFV	241	134
>TAF15-I236'NSDNNTIFV	278	>TAF15-I236'NSDNNTVFV	110	168
>TAF15-I236'NSDNNTIFV	22	>TAF15-I236'NSDNNTVFV	33	11
>TAF15-I236'NSDNNTIF	643	>TAF15-I236'NSDNNTVF	321	322
>TAF15-I236'SDNSDNNTI	79	>TAF15-I236'SDNSDNNTV	146	67
>TAF15-I236'SDNSDNNTIF	107	>TAF15-I236'SDNSDNNTV	93	14
>TAF15-I236'ESDNSDNNTI	1279	>TAF15-I236'ESDNSDNNTV	326	953
>TAF15-I236'ESDNSDNNTI	1685	>TAF15-I236'ESDNSDNNTV	220	1465
>TAF15-I236'ESDNSDNNTI	213	>TAF15-I236'ESDNSDNNTV	113	100
>TAL1-R315L RSLHPAML	518	>TAL1-R315L LSLHPAML	454	64
>TAL1-R315L RSLHPAML	267	>TAL1-R315L LSLHPAML	5653	5386
>TAL1-R315L RSLHPAMLPA/	16	>TAL1-R315L LSLHPAMLPA	343	327
>TAL1-R315L RSLHPAMLPA/	25	>TAL1-R315L LSLHPAMLPA	834	809
>TAL1-R315L RSLHPAML	190	>TAL1-R315L LSLHPAML	7416	7226
>TAL1-R315L RSLHPAML	110	>TAL1-R315L LSLHPAML	267	157
>TAL1-R315L RSLHPAML	3	>TAL1-R315L LSLHPAML	8	5
>TAL1-R315L RSLHPAMLPA/	45	>TAL1-R315L LSLHPAMLPA	344	299
>TAL1-R315L RSLHPAMLPA/	279	>TAL1-R315L LSLHPAMLPA	2617	2338
>TAL1-R315L RSLHPAML	146	>TAL1-R315L LSLHPAML	851	705



>TAL1-R315L RSLHPAML	237	>TAL1-R315L LSLHPAML	48	189
>TAL1-R315L RSLHPAML	74	>TAL1-R315L LSLHPAML	692	618
>TAL1-R315L RSLHPAML	91	>TAL1-R315L LSLHPAML	257	166
>TAL1-R315L ARSLHPAML	23394	>TAL1-R315L ALSLHPAML	169	23225
>TAL1-R315L ARSLHPAMLF	23129	>TAL1-R315L ALSLHPAMLF	154	22975
>TAL1-R315L ARSLHPAM	25602	>TAL1-R315L ALSLHPAM	140	25462
>TAL1-R315L ARSLHPAML	13393	>TAL1-R315L ALSLHPAML	10	13383
>TAL1-R315L ARSLHPAMLF	20120	>TAL1-R315L ALSLHPAMLF	35	20085
>TAL1-R315L ARSLHPAM	21648	>TAL1-R315L ALSLHPAM	276	21372
>TAL1-R315L ARSLHPAML	17170	>TAL1-R315L ALSLHPAML	11	17159
>TAL1-R315L ARSLHPAMLF	12097	>TAL1-R315L ALSLHPAMLF	8	12089
>TAL1-R315L ARSLHPAM	27544	>TAL1-R315L ALSLHPAM	376	27168
>TAL1-R315L ARSLHPAML	24084	>TAL1-R315L ALSLHPAML	39	24045
>TAL1-R315L ARSLHPAMLF	28104	>TAL1-R315L ALSLHPAMLF	360	27744
>TAL1-R315L ARSLHPAML	25196	>TAL1-R315L ALSLHPAML	250	24946
>TAL1-R315L ARSLHPAML	24709	>TAL1-R315L ALSLHPAML	462	24247
>TAL1-R315L ARSLHPAML	24949	>TAL1-R315L ALSLHPAML	295	24654
>TAL1-R315L ARSLHPAM	35165	>TAL1-R315L ALSLHPAM	182	34983
>TAL1-R315L ARSLHPAML	29465	>TAL1-R315L ALSLHPAML	18	29447
>TAL1-R315L ARSLHPAMLF	32969	>TAL1-R315L ALSLHPAMLF	49	32920
>TAL1-R315L ARSLHPAM	16100	>TAL1-R315L ALSLHPAM	347	15753
>TAL1-R315L ARSLHPAM	310	>TAL1-R315L ALSLHPAM	834	524
>TAL1-R315L ARSLHPAM	330	>TAL1-R315L ALSLHPAM	18114	17784
>TAL1-R315L ARSLHPAML	325	>TAL1-R315L ALSLHPAML	17221	16896
>TAL1-R315L ARSLHPAM	339	>TAL1-R315L ALSLHPAM	7645	7306
>TAL1-R315L ARSLHPAML	328	>TAL1-R315L ALSLHPAML	6154	5826
>TAL1-R315L ARSLHPAML	14	>TAL1-R315L ALSLHPAML	4653	4639
>TAL1-R315L TEEPAPKHTA	14992	>TAL1-R315L TEEPAPKHTA	73	14919
>TAL1-R315L TARSLHPAM	666	>TAL1-R315L TALSLHPAM	129	537
>TAL1-R315L TARSLHPA	9162	>TAL1-R315L TALSLHPA	460	8702
>TAL1-R315L TARSLHPA	29	>TAL1-R315L TALSLHPA	3291	3262
>TAL1-R315L TARSLHPAM	32	>TAL1-R315L TALSLHPAM	3577	3545
>TAL1-R315L TARSLHPAMI	159	>TAL1-R315L TALSLHPAMI	7188	7029
>TAL1-R315L TARSLHPA	4390	>TAL1-R315L TALSLHPA	54	4336
>TAL1-R315L TARSLHPAM	4315	>TAL1-R315L TALSLHPAM	45	4270
>TAL1-R315L TARSLHPAMI	4679	>TAL1-R315L TALSLHPAMI	56	4623
>TAL1-R315L TARSLHPAM	317	>TAL1-R315L TALSLHPAM	13503	13186
>TAL1-R315L TARSLHPAM	367	>TAL1-R315L TALSLHPAM	497	130
>TAL1-R315L TARSLHPAM	208	>TAL1-R315L TALSLHPAM	388	180
>TAL1-R315L TARSLHPAMI	145	>TAL1-R315L TALSLHPAMI	314	169
>TAL1-R315L TARSLHPAM	73	>TAL1-R315L TALSLHPAM	28	45
>TAL1-R315L TARSLHPAM	120	>TAL1-R315L TALSLHPAM	362	242
>TAL1-R315L HTARSLHPA	394	>TAL1-R315L HTALSLHPA	272	122

>TAL1-R315L HTARSLHPAN	231	>TAL1-R315L HTALSLHPAN	222	9
>TAL1-R315L HTARSLHPA	194	>TAL1-R315L HTALSLHPA	244	50
>TAL1-R315L HTARSLHPA	267	>TAL1-R315L HTALSLHPA	267	0
>TAL1-R315L HTARSLHPAN	754	>TAL1-R315L HTALSLHPAN	482	272
>TAL1-R315L HTARSLHPAN	6	>TAL1-R315L HTALSLHPAN	11	5
>TAL1-R315L HTARSLHPAN	63	>TAL1-R315L HTALSLHPAN	185	122
>TAL1-R315L HTARSLHPAN	172	>TAL1-R315L HTALSLHPAN	336	164
>TAL1-R315L HTARSLHPA	48	>TAL1-R315L HTALSLHPA	194	146
>TAL1-R315L HTARSLHPAN	117	>TAL1-R315L HTALSLHPAN	387	270
>TAL1-R315L HTARSLHPA	9	>TAL1-R315L HTALSLHPA	7	2
>TAL1-R315L HTARSLHPAN	19	>TAL1-R315L HTALSLHPAN	18	1
>TAL1-R315L HTARSLHPA	31	>TAL1-R315L HTALSLHPA	40	9
>TAL1-R315L HTARSLHPAN	39	>TAL1-R315L HTALSLHPAN	48	9
>TAL1-R315L HTARSLHPAN	50	>TAL1-R315L HTALSLHPAN	60	10
>TAL1-R315L HTARSLHPAN	437	>TAL1-R315L HTALSLHPAN	864	427
>TAL1-R315L HTARSLHPAN	13	>TAL1-R315L HTALSLHPAN	8	5
>TAL1-R315L HTARSLHPAN	9	>TAL1-R315L HTALSLHPAN	6	3
>TAL1-R315L HTARSLHPAN	209	>TAL1-R315L HTALSLHPAN	1097	888
>TAL1-R315L HTARSLHPAN	229	>TAL1-R315L HTALSLHPAN	109	120
>TAL1-R315L HTARSLHPAN	130	>TAL1-R315L HTALSLHPAN	65	65
>TAL1-R315L HTARSLHPAN	129	>TAL1-R315L HTALSLHPAN	86	43
>TAL1-R315L HTARSLHPAN	372	>TAL1-R315L HTALSLHPAN	570	198
>TAL1-R315L HTARSLHPAN	431	>TAL1-R315L HTALSLHPAN	732	301
>TAL1-R315L KHTARSLHPA	269	>TAL1-R315L KHTALSLHPA	262	7
>TAL1-R315L KHTARSLHPA	531	>TAL1-R315L KHTALSLHPA	325	206
>TAL1-R315L PKHTARSL	319	>TAL1-R315L PKHTALSL	230	89
>TAL1-R315L APKHTARSL	17	>TAL1-R315L APKHTALSL	21	4
>TAL1-R315L APKHTARSL	419	>TAL1-R315L APKHTALSL	370	49
>TAL1-R315L APKHTARSL	753	>TAL1-R315L APKHTALSL	380	373
>TAL1-R315L PAPKHTARSL	157	>TAL1-R315L PAPKHTALSL	47	110
>TAL1-R315L EPAPKHTAR	131	>TAL1-R315L EPAPKHTAL	27008	26877
>TAL1-R315L EPAPKHTAR	9983	>TAL1-R315L EPAPKHTAL	10	9973
>TAL1-R315L EPAPKHTARS	16	>TAL1-R315L EPAPKHTALS	20	4
>TAL1-R315L EPAPKHTAR	8909	>TAL1-R315L EPAPKHTAL	65	8844
>TAL1-R315L EPAPKHTARS	306	>TAL1-R315L EPAPKHTALS	260	46
>TAL1-R315L EPAPKHTAR	1880	>TAL1-R315L EPAPKHTAL	79	1801
>TAL1-R315L EPAPKHTARS	421	>TAL1-R315L EPAPKHTALS	169	252
>TAL1-R315L EPAPKHTAR	21634	>TAL1-R315L EPAPKHTAL	415	21219
>TAL1-R315L EPAPKHTARS	711	>TAL1-R315L EPAPKHTALS	197	514
>TAL1-R315L EPAPKHTAR	20950	>TAL1-R315L EPAPKHTAL	485	20465
>TAL1-R315L EEPAPKHTAR	1985	>TAL1-R315L EEPAPKHTAL	189	1796
>TCF12-R74C RGFTDSPHY	711	>TCF12-R74C GGFTDSPHY	202	509
>TCF12-R74C RGFTDSPHY	33	>TCF12-R74C GGFTDSPHY	61	28

>TCF12-R74C RGFTDSPHY	73	>TCF12-R74C GGFTDSPHY	209	136
>TCF12-R74C RGFTDSPHY	97	>TCF12-R74C GGFTDSPHY	1510	1413
>TCF12-R74C RGFTDSPHY	100	>TCF12-R74C GGFTDSPHY	3844	3744
>TCF12-R74C SRGFTDSPHY	5281	>TCF12-R74C SGGFTDSPHY	278	5003
>TCF12-R74C SSRGFTDSPH	53	>TCF12-R74C SSGGFTDSPH	101	48
>TCF12-R74C SSRGFTDSPH	307	>TCF12-R74C SSGGFTDSPH	171	136
>TCF12-R74C SSRGFTDSPH	393	>TCF12-R74C SSGGFTDSPH	14603	14210
>TCF12-R74C SSRGFTDSPH	32	>TCF12-R74C SSGGFTDSPH	6916	6884
>TCF12-R74C SSRGFTDSPH	52	>TCF12-R74C SSGGFTDSPH	50	2
>TCF12-R74C SSRGFTDSPH	1360	>TCF12-R74C SSGGFTDSPH	162	1198
>TCF12-R74C SSRGFTDSPH	69	>TCF12-R74C SSGGFTDSPH	134	65
>TCF12-R74C SSRGFTDSPH	307	>TCF12-R74C SSGGFTDSPH	2973	2666
>TCF12-R74C SSRGFTDSPH	463	>TCF12-R74C SSGGFTDSPH	5937	5474
>TCF12-R74C SSRGFTDSPH	9	>TCF12-R74C SSGGFTDSPH	168	159
>TCF12-R74C SSRGFTDSPH	29	>TCF12-R74C SSGGFTDSPH	460	431
>TCF12-R74C SYDSSRGF	34	>TCF12-R74C SYDSSGGF	23	11
>TCF12-R74C SYDSSRGFT	222	>TCF12-R74C SYDSSGGFT	556	334
>TCF12-R74C PSYDSSRGF	140	>TCF12-R74C PSYDSSGGF	446	306
>TCF12-R74C PSYDSSRGF	7	>TCF12-R74C PSYDSSGGF	8	1
>TCF12-R74C SPSYDSSRGF	467	>TCF12-R74C SPSYDSSGGF	597	130
>TCF12-R74C SPSYDSSRGF	423	>TCF12-R74C SPSYDSSGGF	288	135
>TCF12-R74C SPSYDSSRGF	689	>TCF12-R74C SPSYDSSGGF	234	455
>TCF12-R74C PPSYDSSRG	472	>TCF12-R74C PPSYDSSGG	483	11
>TCF12-R74C PPSYDSSRG	158	>TCF12-R74C PPSYDSSGG	282	124
>TCF3-A8V- $\mu$ APVGTDKEL	142	>TCF3-A8V- $\eta$ VPVGTDKEL	115	27
>TCF3-A8V- $\mu$ APVGTDKEL	112	>TCF3-A8V- $\eta$ VPVGTDKEL	280	168
>TCF3-A8V- $\mu$ APVGTDKEL	703	>TCF3-A8V- $\eta$ VPVGTDKEL	247	456
>TCF3-A8V- $\mu$ MAPVGTDK	298	>TCF3-A8V- $\eta$ MVPVGTDK	160	138
>TCF3-A8V- $\mu$ MAPVGTDK	387	>TCF3-A8V- $\eta$ MVPVGTDK	2531	2144
>TCF3-A8V- $\mu$ RMAPVGTDK	32	>TCF3-A8V- $\eta$ RMVPVGTDK	187	155
>TCF3-A8V- $\mu$ RMAPVGTDK	59	>TCF3-A8V- $\eta$ RMVPVGTDK	174	115
>TCF3-A8V- $\mu$ RMAPVGTDK	513	>TCF3-A8V- $\eta$ RMVPVGTDK	428	85
>TCF3-A8V- $\mu$ RMAPVGTDK	22	>TCF3-A8V- $\eta$ RMVPVGTDK	26	4
>TCF3-A8V- $\mu$ RMAPVGTDK	250	>TCF3-A8V- $\eta$ RMVPVGTDK	231	19
>TCF3-A8V- $\mu$ RMAPVGTDK	30	>TCF3-A8V- $\eta$ RMVPVGTDK	112	82
>TCF3-A8V- $\mu$ RMAPVGTDK	15	>TCF3-A8V- $\eta$ RMVPVGTDK	25	10
>TCF3-A8V- $\mu$ RMAPVGTDK	36	>TCF3-A8V- $\eta$ RMVPVGTDK	60	24
>TCF3-A8V- $\mu$ RMAPVGTDK	65	>TCF3-A8V- $\eta$ RMVPVGTDK	113	48
>TCF3-A8V- $\mu$ RMAPVGTDK	377	>TCF3-A8V- $\eta$ RMVPVGTDK	337	40
>TCF3-A8V- $\mu$ RMAPVGTDK	320	>TCF3-A8V- $\eta$ RMVPVGTDK	428	108
>TCF3-A8V- $\mu$ RMAPVGTDK	110	>TCF3-A8V- $\eta$ RMVPVGTDK	96	14
>TCF3-A8V- $\mu$ RMAPVGTDK	200	>TCF3-A8V- $\eta$ RMVPVGTDK	68	132
>TCF3-A8V- $\mu$ QRMVPVGTCL	156	>TCF3-A8V- $\eta$ QRMVPVGTCL	288	132

>TCF3-A8V-m QPQRMAPV	125	>TCF3-A8V-n QPQRMAPV	181	56
>TCF3-A8V-m NQPQRMAPV	47	>TCF3-A8V-n NQPQRMAPV	179	132
>TCF3-A8V-m NQPQRMAPV	18	>TCF3-A8V-n NQPQRMAPV	21	3
>TCF3-D218E ADGSLHPSAE	17104	>TCF3-D218E AEGSLHPSAE	65	17039
>TCF3-D218E ADGSLHPS	4562	>TCF3-D218E AEGSLHPS	347	4215
>TCF3-D218E ADGSLHPSA	488	>TCF3-D218E AEGSLHPSA	45	443
>TCF3-D218E ADGSLHPSAE	1169	>TCF3-D218E AEGSLHPSAE	115	1054
>TCF3-D218E ADGSLHPSAE	10096	>TCF3-D218E AEGSLHPSAE	464	9632
>TCF3-D218E ADGSLHPSAE	16951	>TCF3-D218E AEGSLHPSAE	283	16668
>TCF3-D218E ADGSLHPS	8230	>TCF3-D218E AEGSLHPS	22	8208
>TCF3-D218E ADGSLHPSA	434	>TCF3-D218E AEGSLHPSA	4	430
>TCF3-D218E ADGSLHPSAE	7686	>TCF3-D218E AEGSLHPSAE	490	7196
>TCF3-D218E ADGSLHPSAE	16053	>TCF3-D218E AEGSLHPSAE	66	15987
>TCF3-D218E ADGSLHPSAE	4791	>TCF3-D218E AEGSLHPSAE	103	4688
>TCF3-D218E STYPAPFYVA	699	>TCF3-D218E STYPAPFYVA	356	343
>TCF3-D218E YVADGSLHPS	58	>TCF3-D218E YVAEGSLHPS	61	3
>TCF3-D218E YVADGSLHPS	114	>TCF3-D218E YVAEGSLHPS	135	21
>TCF3-D218E YVADGSLHPS	22	>TCF3-D218E YVAEGSLHPS	21	1
>TCF3-D218E YVADGSLHPS	8	>TCF3-D218E YVAEGSLHPS	8	0
>TCF3-D218E YVADGSLHPS	93	>TCF3-D218E YVAEGSLHPS	61	32
>TCF3-D218E YVADGSLHPS	47	>TCF3-D218E YVAEGSLHPS	38	9
>TCF3-D218E YVADGSLHPS	201	>TCF3-D218E YVAEGSLHPS	218	17
>TCF3-D218E YVADGSLHPS	325	>TCF3-D218E YVAEGSLHPS	724	399
>TCF3-D218E YVADGSLHPS	9	>TCF3-D218E YVAEGSLHPS	13	4
>TCF3-D218E YVADGSLH	109	>TCF3-D218E YVAEGSLH	289	180
>TCF3-D218E YVADGSLHPS	117	>TCF3-D218E YVAEGSLHPS	150	33
>TCF3-D218E YVADGSLHPS	528	>TCF3-D218E YVAEGSLHPS	310	218
>TCF3-D218E YVADGSLHPS	29	>TCF3-D218E YVAEGSLHPS	19	10
>TCF3-D218E FYVADGSL	8	>TCF3-D218E FYVAEGSL	12	4
>TCF3-D218E FYVADGSL	478	>TCF3-D218E FYVAEGSL	393	85
>TCF3-D218E FYVADGSL	18	>TCF3-D218E FYVAEGSL	12	6
>TCF3-D218E APFYVADGSL	11	>TCF3-D218E APFYVAEGSL	16	5
>TCF3-D218E APFYVADGSL	601	>TCF3-D218E APFYVAEGSL	214	387
>TCF3-D218E APFYVADGSL	458	>TCF3-D218E APFYVAEGSL	764	306
>TCF3-D218E APFYVADGSL	257	>TCF3-D218E APFYVAEGSL	262	5
>TCF3-D218E YPAPFYVAD	59	>TCF3-D218E YPAPFYVAE	27	32
>TCF3-D218E YPAPFYVADG	89	>TCF3-D218E YPAPFYVAEG	175	86
>TCF3-D218E YPAPFYVAD	77	>TCF3-D218E YPAPFYVAE	106	29
>TCF3-D218E YPAPFYVADG	66	>TCF3-D218E YPAPFYVAEG	36	30
>TCF3-D218E YPAPFYVADG	456	>TCF3-D218E YPAPFYVAEG	951	495
>TCF3-D218E TYPAPFYVAD	531	>TCF3-D218E TYPAPFYVAE	399	132
>TCF3-D218E TYPAPFYVAD	1413	>TCF3-D218E TYPAPFYVAE	418	995
>TCF3-E545K EREKERRV	7000	>TCF3-E545K KREKERRV	174	6826

>TCF3-E545K AEREKERRV	265	>TCF3-E545K AKREKERRV	30627	30362
>TCF3-E545K AEREKERRVA	236	>TCF3-E545K AKREKERRVA	16295	16059
>TCF3-E545K AEREKERRV	191	>TCF3-E545K AKREKERRV	23262	23071
>TCF3-E545K KAEREKERRV	11686	>TCF3-E545K KAKREKERRV	473	11213
>TCF3-E545K KAEREKERRV	6051	>TCF3-E545K KAKREKERRV	71	5980
>TCF3-E545K KAEREKER	396	>TCF3-E545K KAKREKER	23	373
>TCF3-E545K KAEREKERR	394	>TCF3-E545K KAKREKERR	22	372
>TCF3-E545K EQKAEREKER	2244	>TCF3-E545K EQKAKREKER	499	1745
>TCF3-E545K DLLPPEQKAE	59	>TCF3-E545K DLLPPEQKAK	97	38
>TCF3-P633L PQMVL SAP	12718	>TCF3-P633L LQMVL SAP	440	12278
>TCF3-P633L PQMVL SAPH	1160	>TCF3-P633L LQMVL SAPH	50	1110
>TCF3-P633L PQMVL SAPH	10308	>TCF3-P633L LQMVL SAPHI	444	9864
>TCF3-P633L PQMVL SAPH	5072	>TCF3-P633L LQMVL SAPHI	131	4941
>TCF3-P633L PQMVL SAP	5219	>TCF3-P633L LQMVL SAP	396	4823
>TCF3-P633L PQMVL SAPH	1432	>TCF3-P633L LQMVL SAPH	72	1360
>TCF3-P633L GDPQMVL SA	815	>TCF3-P633L GDLQMVL SA	47	768
>TCF3-P633L VVGDPQMV	1116	>TCF3-P633L VVGDLQMV	373	743
>TCF3-P633L VVGDPQMV	1113	>TCF3-P633L VVGDLQMV	180	933
>TCF3-P633L VVGDPQMV	14	>TCF3-P633L VVGDLQMV	21	7
>TCF3-P633L VVGDPQMV	518	>TCF3-P633L VVGDLQMV	326	192
>TCF3-P633L VVGDPQMV	97	>TCF3-P633L VVGDLQMV	48	49
>TCF3-P633L VVGDPQMV	104	>TCF3-P633L VVGDLQMV	71	33
>TCF3-P633L VVGDPQMV	6	>TCF3-P633L VVGDLQMV	4	2
>TCF3-P633L VVGDPQMVL	66	>TCF3-P633L VVGDLQMVL	61	5
>TCF3-P633L VVGDPQMVL	193	>TCF3-P633L VVGDLQMVL	225	32
>TCF3-P633L GVVGDPQM\	1967	>TCF3-P633L GVVGDLQM\	352	1615
>TCF3-P633L GVVGDPQM\	393	>TCF3-P633L GVVGDLQM\	381	12
>TCF3-P633L GVVGDPQM\	253	>TCF3-P633L GVVGDLQM\	82	171
>TCF3-P633L GVVGDPQM\	1647	>TCF3-P633L GVVGDLQM\	34	1613
>TCF3-P633L GVVGDPQM\	50	>TCF3-P633L GVVGDLQM\	51	1
>TCF3-P633L GVVGDPQM\	1007	>TCF3-P633L GVVGDLQM\	355	652
>TCF3-P633L GVVGDPQM\	158	>TCF3-P633L GVVGDLQM\	94	64
>TCF3-P633L GVVGDPQM\	22	>TCF3-P633L GVVGDLQM\	6	16
>TCF3-P633L GVVGDPQM\	413	>TCF3-P633L GVVGDLQM\	248	165
>TCF3-P633L GVVGDPQM	104	>TCF3-P633L GVVGDLQM	117	13
>TCF3-P633L VSGVVGDPQ	216	>TCF3-P633L VSGVVGDLQ	150	66
>TCF3-P633L VSGVVGDPQ	449	>TCF3-P633L VSGVVGDLQ	197	252
>TCF3-P633L VSGVVGDPQ	628	>TCF3-P633L VSGVVGDLQ	196	432
>TCF3-P633L KVSGVVGDP	16063	>TCF3-P633L KVSGVVGDL	406	15657
>TCF3-P633L KVSGVVGDP	11673	>TCF3-P633L KVSGVVGDL	432	11241
>TCF3-P633L KVSGVVGDP(	384	>TCF3-P633L KVSGVVGDL(	228	156
>TCF3-P633L KVSGVVGDP(	96	>TCF3-P633L KVSGVVGDL(	68	28
>TCF3-P633L KVSGVVGDP(	348	>TCF3-P633L KVSGVVGDL(	247	101

>TCF3-T491N TAAASEIK	115	>TCF3-T491N MAAASEIK	89	26
>TCF3-T491N TAAASEIKR	1397	>TCF3-T491N MAAASEIKR	163	1234
>TCF3-T491N TAAASEIK	20	>TCF3-T491N MAAASEIK	8	12
>TCF3-T491N TAAASEIKR	7	>TCF3-T491N MAAASEIKR	4	3
>TCF3-T491N ATAAASEI	3970	>TCF3-T491N AMAAASEI	47	3923
>TCF3-T491N ATAAASEI	98	>TCF3-T491N AMAAASEI	6	92
>TCF3-T491N ATAAASEI	292	>TCF3-T491N AMAAASEI	7	285
>TCF3-T491N ATAAASEI	328	>TCF3-T491N AMAAASEI	54	274
>TCF3-T491N ATAAASEI	2521	>TCF3-T491N AMAAASEI	12	2509
>TCF3-T491N ATAAASEI	11585	>TCF3-T491N AMAAASEI	45	11540
>TCF3-T491N ATAAASEI	3866	>TCF3-T491N AMAAASEI	18	3848
>TCF3-T491N ATAAASEI	13418	>TCF3-T491N AMAAASEI	40	13378
>TCF3-T491N ATAAASEI	6830	>TCF3-T491N AMAAASEI	9	6821
>TCF3-T491N ATAAASEIK	603	>TCF3-T491N AMAAASEIK	129	474
>TCF3-T491N ATAAASEIK	34	>TCF3-T491N AMAAASEIK	48	14
>TCF3-T491N ATAAASEIKR	55	>TCF3-T491N AMAAASEIKF	205	150
>TCF3-T491N ATAAASEIK	133	>TCF3-T491N AMAAASEIK	904	771
>TCF3-T491N ATAAASEIKR	493	>TCF3-T491N AMAAASEIKF	223	270
>TCF3-T491N ATAAASEI	470	>TCF3-T491N AMAAASEI	751	281
>TCF3-T491N ATAAASEIK	67	>TCF3-T491N AMAAASEIK	1820	1753
>TCF3-T491N ATAAASEIKR	7	>TCF3-T491N AMAAASEIKF	35	28
>TCF3-T491N ATAAASEI	26	>TCF3-T491N AMAAASEI	2368	2342
>TCF3-T491N ATAAASEI	4206	>TCF3-T491N AMAAASEI	261	3945
>TCF3-T491N ATAAASEI	2481	>TCF3-T491N AMAAASEI	106	2375
>TCF3-T491N ATAAASEI	26	>TCF3-T491N AMAAASEI	3755	3729
>TCF3-T491N ATAAASEIK	222	>TCF3-T491N AMAAASEIK	3231	3009
>TCF3-T491N ATAAASEIKR	312	>TCF3-T491N AMAAASEIKF	4578	4266
>TCF3-T491N ATAAASEI	24	>TCF3-T491N AMAAASEI	1142	1118
>TCF3-T491N SYSGLGRAGA	840	>TCF3-T491N SYSGLGRAGA	32	808
>TCF3-T491N SYSGLGRAGA	3350	>TCF3-T491N SYSGLGRAGA	298	3052
>TCF3-T491N SYSGLGRAGA	660	>TCF3-T491N SYSGLGRAGA	178	482
>TCF3-T491N GATAAASEI	4849	>TCF3-T491N GAMAAASEI	467	4382
>TCF3-T491N GATAAASEI	4756	>TCF3-T491N GAMAAASEI	360	4396
>TCF3-T491N GATAAASEIK	1764	>TCF3-T491N GAMAAASEIH	142	1622
>TCF3-T491N GATAAASEIK	165	>TCF3-T491N GAMAAASEIH	31	134
>TCF3-T491N GATAAASEIK	5290	>TCF3-T491N GAMAAASEIH	331	4959
>TCF3-T491N GATAAASEIK	471	>TCF3-T491N GAMAAASEIH	112	359
>TCF3-T491N GATAAASEIK	132	>TCF3-T491N GAMAAASEIH	77	55
>TCF3-T491N GATAAASEI	737	>TCF3-T491N GAMAAASEI	169	568
>TCF3-T491N GATAAASEI	430	>TCF3-T491N GAMAAASEI	315	115
>TCF3-T491N GATAAASEI	389	>TCF3-T491N GAMAAASEI	153	236
>TCF3-T491N RAGATAAASI	52	>TCF3-T491N RAGAMAAAS	79	27
>TCF3-T491N RAGATAAASI	231	>TCF3-T491N RAGAMAAAS	419	188

>TCF3-T491N RAGATAAASI	51	>TCF3-T491N RAGAMAAAS	68	17
>TCF3-T491N LGRAGATA	421	>TCF3-T491N LGRAGAMA	437	16
>TCF3-T491N LGRAGATAA	1863	>TCF3-T491N LGRAGAMAA	103	1760
>TCF3-T491N LGRAGATAA/	238	>TCF3-T491N LGRAGAMAA	119	119
>TCF3-T491N GLGRAGATA/	482	>TCF3-T491N GLGRAGAMA/	442	40
>TCF3-T491N GLGRAGATA	277	>TCF3-T491N GLGRAGAMA/	477	200
>TCF3-T491N GLGRAGATA/	524	>TCF3-T491N GLGRAGAMA/	352	172
>TCF3-T491N GLGRAGATA/	99	>TCF3-T491N GLGRAGAMA/	100	1
>TCF3-T491N GLGRAGATA	148	>TCF3-T491N GLGRAGAMA/	203	55
>TCF3-T491N GLGRAGATA/	327	>TCF3-T491N GLGRAGAMA/	251	76
>TCF3-T491N GLGRAGATA/	142	>TCF3-T491N GLGRAGAMA/	174	32
>TCF3-T491N GLGRAGATA	51	>TCF3-T491N GLGRAGAMA/	467	416
>TCF3-T491N GLGRAGATA/	193	>TCF3-T491N GLGRAGAMA/	142	51
>TCF3-T491N GLGRAGATA/	45	>TCF3-T491N GLGRAGAMA/	97	52
>TCF3-T491N GLGRAGATA	118	>TCF3-T491N GLGRAGAMA/	163	45
>TCF3-T491N GLGRAGATA/	323	>TCF3-T491N GLGRAGAMA/	259	64
>TCF3-T491N GLGRAGATA/	214	>TCF3-T491N GLGRAGAMA/	317	103
>TCF3-T491N GLGRAGATA	27	>TCF3-T491N GLGRAGAMA/	51	24
>TCF3-T491N GLGRAGATA/	42	>TCF3-T491N GLGRAGAMA/	36	6
>TCF3-T491N GLGRAGATA/	29	>TCF3-T491N GLGRAGAMA/	41	12
>TCF3-T491N YSGLGRAGAT	11811	>TCF3-T491N YSGLGRAGAT	49	11762
>TCF3-T491N YSGLGRAGAT	7646	>TCF3-T491N YSGLGRAGAT	40	7606
>TCF3-V10L-I PVGTDKEL	15833	>TCF3-V10L-I PLGTDKEL	442	15391
>TCF3-V10L-I PVGTDKELSD	13842	>TCF3-V10L-I PLGTDKELSD	385	13457
>TCF3-V10L-I APVGTDKEL	142	>TCF3-V10L-I APLGTDKEL	63	79
>TCF3-V10L-I APVGTDKEL	112	>TCF3-V10L-I APLGTDKEL	199	87
>TCF3-V10L-I APVGTDKEL	731	>TCF3-V10L-I APLGTDKEL	390	341
>TCF3-V10L-I MAPVGTDK	298	>TCF3-V10L-I MAPLGTDK	486	188
>TCF3-V10L-I MAPVGTDK	387	>TCF3-V10L-I MAPLGTDK	338	49
>TCF3-V10L-I RMAPVGTDK	32	>TCF3-V10L-I RMAPLGTDK	29	3
>TCF3-V10L-I RMAPVGTDK	59	>TCF3-V10L-I RMAPLGTDK	70	11
>TCF3-V10L-I RMAPVGTDK	22	>TCF3-V10L-I RMAPLGTDK	45	23
>TCF3-V10L-I RMAPVGTDK	250	>TCF3-V10L-I RMAPLGTDK	336	86
>TCF3-V10L-I RMAPVGTDK	30	>TCF3-V10L-I RMAPLGTDK	47	17
>TCF3-V10L-I RMAPVGTDK	15	>TCF3-V10L-I RMAPLGTDK	15	0
>TCF3-V10L-I RMAPVGTDK	36	>TCF3-V10L-I RMAPLGTDK	48	12
>TCF3-V10L-I RMAPVGTDK	65	>TCF3-V10L-I RMAPLGTDK	98	33
>TCF3-V10L-I RMAPVGTDK	377	>TCF3-V10L-I RMAPLGTDK	330	47
>TCF3-V10L-I RMAPVGTDK	320	>TCF3-V10L-I RMAPLGTDK	293	27
>TCF3-V10L-I RMAPVGTDK	110	>TCF3-V10L-I RMAPLGTDK	111	1
>TCF3-V10L-I RMAPVGTDK	200	>TCF3-V10L-I RMAPLGTDK	115	85
>TCF3-V10L-I QRMAPVGT	156	>TCF3-V10L-I QRMAPLGT	140	16
>TCF3-V10L-I PQRMAPVGT	620	>TCF3-V10L-I PQRMAPLGT	499	121

>TCF3-V10L-1QPQRMAPV	125	>TCF3-V10L-1QPQRMAPL	46	79
>TCF3-V10L-1QPQRMAPV	1636	>TCF3-V10L-1QPQRMAPL	442	1194
>TCF3-V10L-1NQPQRMAPV	47	>TCF3-V10L-1NQPQRMAPL	539	492
>TCF3-V10L-1NQPQRMAPV	18	>TCF3-V10L-1NQPQRMAPL	70	52
>TCF3-V10L-1NQPQRMAPV	3172	>TCF3-V10L-1NQPQRMAPL	223	2949
>TCL1A-G59E LGRPMTPTQI	7071	>TCL1A-G59E LERPMTPTQI	23	7048
>TCL1A-G59E LGRPMTPTQ	490	>TCL1A-G59E LERPMTPTQ	6133	5643
>TCL1A-G59E LGRPMTPTQI	366	>TCL1A-G59E LERPMTPTQI	5894	5528
>TCL1A-G59E LGRPMTPTQ	26010	>TCL1A-G59E LERPMTPTQ	227	25783
>TCL1A-G59E LGRPMTPT	36625	>TCL1A-G59E LERPMTPT	135	36490
>TCL1A-G59E LGRPMTPTQI	36038	>TCL1A-G59E LERPMTPTQI	354	35684
>TCL1A-G59E LGRPMTPTQI	20779	>TCL1A-G59E LERPMTPTQI	13	20766
>TCL1A-G59E VLGRPMTPTC	122	>TCL1A-G59E VLERPMTPTC	600	478
>TCL1A-G59E VLGRPMTPTC	13	>TCL1A-G59E VLERPMTPTC	111	98
>TCL1A-G59E VLGRPMTPTC	396	>TCL1A-G59E VLERPMTPTC	1738	1342
>TCL1A-G59E VLGRPMTPTC	138	>TCL1A-G59E VLERPMTPTC	2493	2355
>TCL1A-G59E VLGRPMTPTC	456	>TCL1A-G59E VLERPMTPTC	8551	8095
>TCL1A-G59E VLGRPMTPT	292	>TCL1A-G59E VLERPMTPT	720	428
>TCL1A-G59E VLGRPMTPTC	63	>TCL1A-G59E VLERPMTPTC	124	61
>TCL1A-G59E VLGRPMTPTC	15	>TCL1A-G59E VLERPMTPTC	34	19
>TCL1A-G59E DVVLGRPM	26	>TCL1A-G59E DVVLERPM	28	2
>TCL1A-G59E DVVLGRPM	289	>TCL1A-G59E DVVLERPM	1469	1180
>TCL1A-G59E REDVVLGRPM	163	>TCL1A-G59E REDVVLERPM	163	0
>TCL1A-G59E REDVVLGRPM	384	>TCL1A-G59E REDVVLERPM	478	94
>TCL1A-G59E REDVVLGRPM	171	>TCL1A-G59E REDVVLERPM	229	58
>TCL1A-G59E REDVVLGRPM	186	>TCL1A-G59E REDVVLERPM	215	29
>TCL1A-G59E RREDVVLGR	320	>TCL1A-G59E RREDVVLER	556	236
>TCL1A-G59E RREDVVLGRF	165	>TCL1A-G59E RREDVVLERP	269	104
>TCL1A-G59E RREDVVLG	78	>TCL1A-G59E RREDVVLE	226	148
>TCL1A-G59E RREDVVLGR	194	>TCL1A-G59E RREDVVLER	118	76
>TCL1A-G59E RREDVVLGRF	100	>TCL1A-G59E RREDVVLERP	113	13
>TCL1A-G59E RREDVVLGR	68	>TCL1A-G59E RREDVVLER	86	18
>TCL1A-G59E RREDVVLGRF	53	>TCL1A-G59E RREDVVLERP	75	22
>TCL1A-G59E RREDVVLGR	207	>TCL1A-G59E RREDVVLER	395	188
>TCL1A-G59E LRREDVVLGR	145	>TCL1A-G59E LRREDVVLER	174	29
>TCL1A-G59E LRREDVVLGR	174	>TCL1A-G59E LRREDVVLER	338	164
>TCL1A-G59E LLRREDVVLG	867	>TCL1A-G59E LLRREDVVLEI	408	459
>TCL1A-K23M KVVYLDEK	312	>TCL1A-K23M NFVYLDEK	8501	8189
>TCL1A-K23M KVVYLDEK	4988	>TCL1A-K23M NFVYLDEK	229	4759
>TCL1A-K23M KVVYLDEK	427	>TCL1A-K23M NFVYLDEK	3231	2804
>TCL1A-K23M KVVYLDEKQH	467	>TCL1A-K23M NFVYLDEKQH	3944	3477
>TCL1A-K23M KVVYLDEK	242	>TCL1A-K23M ENFVYLDEK	59	183
>TCL1A-K23M WEKVVYLD	489	>TCL1A-K23M WENFVYLD	222	267



>TCL1A-K23MWEKRVYLDEI	940	>TCL1A-K23M WENRVYLDEI	457	483
>TCL1A-K23MAWEKRVYL	135	>TCL1A-K23MAWENRVYL	130	5
>TCL1A-K23MAWEKRVYL	83	>TCL1A-K23MAWENRVYL	71	12
>TCL1A-K23MAWEKRVYLDI	558	>TCL1A-K23MAWENRVYLDI	487	71
>TCL1A-K23MWAWKRVYL	1760	>TCL1A-K23MWAWENRVYL	17	1743
>TCL1A-K23MWAWKRVYL	190	>TCL1A-K23MWAWENRVYL	326	136
>TCL1A-K23MWAWKRVYL	35	>TCL1A-K23MWAWENRVYL	34	1
>TCL1A-K23MWAWKRVYL	239	>TCL1A-K23MWAWENRVYL	256	17
>TCL1A-K23MWAWKRVYL	10	>TCL1A-K23MWAWENRVYL	7	3
>TCL1A-K23MWAWKRVYL	13	>TCL1A-K23MWAWENRVYL	7	6
>TCL1A-K23MWAWKRVYL	447	>TCL1A-K23MWAWENRVYL	63	384
>TCL1A-K23MWAWKRVYL	112	>TCL1A-K23MWAWENRVYL	77	35
>TCL1A-K23MWAWKRVYL	78	>TCL1A-K23MWAWENRVYL	23	55
>TCL1A-K23MWAWKRVYL	159	>TCL1A-K23MWAWENRVYL	58	101
>TCL1A-K23MWAWKRVY	64	>TCL1A-K23MWAWENRVY	36	28
>TCL1A-K23MWAWKRVY	333	>TCL1A-K23MWAWENRVY	173	160
>TCL1A-K23MWAWKRVYL	48	>TCL1A-K23MWAWENRVYL	23	25
>TCL1A-K23MWAWKRVYL	24	>TCL1A-K23MWAWENRVYL	10	14
>TCL1A-K23MWAWKRVYL	387	>TCL1A-K23MWAWENRVYL	5914	5527
>TCL1A-K23MWAWKRVY	567	>TCL1A-K23MWAWENRVY	271	296
>TCL1A-K23MWAWKRVY	135	>TCL1A-K23MWAWENRVY	51	84
>TCL1A-K23MWAWKRVYL	361	>TCL1A-K23MWAWENRVYL	104	257
>TCL1A-K23MWAWKRVY	28	>TCL1A-K23MWAWENRVY	25	3
>TCL1A-K23MWAWKRVYL	207	>TCL1A-K23MWAWENRVYL	285	78
>TCL1A-K23MWAWKRVY	11	>TCL1A-K23MWAWENRVY	8	3
>TCL1A-K23MWAWKRVYL	354	>TCL1A-K23MWAWENRVYL	95	259
>TCL1A-K23MWAWKRVY	148	>TCL1A-K23MWAWENRVY	100	48
>TCL1A-K23MWAWKRVYL	707	>TCL1A-K23MWAWENRVYL	301	406
>TCL1A-K23MLWAWKRV	1298	>TCL1A-K23MLWAWENRV	145	1153
>TCL1A-K23MLWAWKRV	2189	>TCL1A-K23MLWAWENRV	378	1811
>TCL1A-K23MLWAWKRVY	792	>TCL1A-K23MLWAWENRVY	334	458
>TCL1A-K23MLWAWKRVY	38	>TCL1A-K23MLWAWENRVY	23	15
>TCL1A-K23MLWAWKRVY	64	>TCL1A-K23MLWAWENRVY	33	31
>TCL1A-K23MLWAWKRVY	30	>TCL1A-K23MLWAWENRVY	19	11
>TCL1A-K23MLWAWKRVY	776	>TCL1A-K23MLWAWENRVY	253	523
>TCL1A-K23MLWAWKRVY	94	>TCL1A-K23MLWAWENRVY	221	127
>TCL1A-K23MLWAWKRV	27	>TCL1A-K23MLWAWENRV	23	4
>TCL1A-K23MLWAWKRVY	165	>TCL1A-K23MLWAWENRVY	137	28
>TCL1A-K23MLWAWKRVY	63	>TCL1A-K23MLWAWENRVY	35	28
>TCL1A-K23MLWAWKRVY	219	>TCL1A-K23MLWAWENRVY	188	31
>TCL1A-K23MLWAWKRV	11	>TCL1A-K23MLWAWENRV	8	3
>TCL1A-K23MLWAWKRV	10	>TCL1A-K23MLWAWENRV	8	2
>TCL1A-K23MLWAWKRV	83	>TCL1A-K23MLWAWENRV	8	75

>TCL1A-K23MRLWAWKEKVV	21	>TCL1A-K23MRLWAWENFV	10	11
>TCL1A-K23MRLWAWKEKVV	78	>TCL1A-K23MRLWAWENFV	24	54
>TCL1A-K23MRLWAWKEKVV	178	>TCL1A-K23MRLWAWENFV	131	47
>TCL1A-K23MRLWAWKEKVV	84	>TCL1A-K23MRLWAWENFV	15	69
>TCL1A-K23MRLWAWKEKVV	50	>TCL1A-K23MRLWAWENFV	25	25
>TCL1A-K23MRLWAWKEKF	63	>TCL1A-K23MRLWAWENF	63	0
>TCL1A-K23MRLWAWKEKVV	1	>TCL1A-K23MRLWAWENFV	1	0
>TCL1A-K23MRLWAWKEKVV	176	>TCL1A-K23MRLWAWENFV	123	53
>TCL1A-K23MRLWAWKEKVV	2	>TCL1A-K23MRLWAWENFV	2	0
>TCL1A-K23MRLWAWKEKVV	4	>TCL1A-K23MRLWAWENFV	3	1
>TCL1A-K23MRLWAWKEKVV	6	>TCL1A-K23MRLWAWENFV	4	2
>TCL1A-K23MRLWAWKEKVV	4	>TCL1A-K23MRLWAWENFV	4	0
>TCL1A-K23MRLWAWKEKVV	6	>TCL1A-K23MRLWAWENFV	5	1
>TCL1A-K23MRLWAWKEKVV	3	>TCL1A-K23MRLWAWENFV	2	1
>TCL1A-K23MRLWAWKEKVV	4	>TCL1A-K23MRLWAWENFV	3	1
>TCL1A-K23MRLWAWKEKVV	2	>TCL1A-K23MRLWAWENFV	2	0
>TCL1A-K23MRLWAWKEKVV	3	>TCL1A-K23MRLWAWENFV	3	0
>TCL1A-K23MRLWAWKEKVV	476	>TCL1A-K23MRLWAWENFV	381	95
>TCL1A-K23MRLWAWKEKF	150	>TCL1A-K23MRLWAWENF	100	50
>TCL1A-K23MRLWAWKEKVV	533	>TCL1A-K23MRLWAWENFV	427	106
>TCL1A-K23MRLWAWKEKVV	1816	>TCL1A-K23MRLWAWENFV	417	1399
>TCL1A-K23MRLWAWKEKVV	55	>TCL1A-K23MRLWAWENFV	31	24
>TCL1A-K23MRLWAWKEKVV	932	>TCL1A-K23MRLWAWENFV	482	450
>TCL1A-K23MRLWAWKEKVV	122	>TCL1A-K23MRLWAWENFV	126	4
>TCL1A-K23MRLWAWKEKF	25	>TCL1A-K23MRLWAWENF	18	7
>TCL1A-K23MRLWAWKEKVV	125	>TCL1A-K23MRLWAWENFV	41	84
>TCL1A-K23MRLWAWKEKVV	76	>TCL1A-K23MRLWAWENFV	52	24
>TCL1A-K23MRLWAWKEKVV	1688	>TCL1A-K23MRLWAWENFV	314	1374
>TCL1A-K23MRLWAWKEKVV	26	>TCL1A-K23MRLWAWENFV	14	12
>TCL1A-K23MRLWAWKEKF	268	>TCL1A-K23MRLWAWENF	128	140
>TCL1A-K23MRLWAWKEKVV	149	>TCL1A-K23MRLWAWENFV	97	52
>TCL1A-K23MRLWAWKEKF	20	>TCL1A-K23MRLWAWENF	12	8
>TCL1A-K23MRLWAWKEKVV	74	>TCL1A-K23MRLWAWENFV	45	29
>TCL1A-K23MRLWAWKEKVV	129	>TCL1A-K23MRLWAWENFV	81	48
>TCL1A-K23MRLWAWKEKF	66	>TCL1A-K23MRLWAWENF	103	37
>TCL1A-K23MRLWAWKEKVV	158	>TCL1A-K23MRLWAWENFV	184	26
>TCL1A-K23MRLWAWKEKVV	331	>TCL1A-K23MRLWAWENFV	264	67
>TCL1A-K23MRLWAWKEKF	460	>TCL1A-K23MRLWAWENF	1231	771
>TCL1A-K23MRLWAWKEKVV	388	>TCL1A-K23MRLWAWENFV	317	71
>TCL1A-K23MRLWAWKEKVV	396	>TCL1A-K23MRLWAWENFV	227	169
>TCL1A-K23MDRLWAWEK	289	>TCL1A-K23MDRLWAWEN	6327	6038
>TCL1A-K23MDRLWAWEKF	470	>TCL1A-K23MDRLWAWENI	511	41
>TCL1A-K23MPDRLWAWEK	141	>TCL1A-K23MPDRLWAWENI	96	45

>TCL1A-K23MHPDRLWAWI	799	>TCL1A-K23MHPDRLWAWI	220	579
>TCL1A-K23MHPDRLWAWI	73	>TCL1A-K23MHPDRLWAWI	59	14
>TCL1A-K23MHPDRLWAWI	277	>TCL1A-K23MHPDRLWAWI	166	111
>TCL1A-K23MHPDRLWAWI	39	>TCL1A-K23MHPDRLWAWI	65	26
>TCL1A-K23MHPDRLWAWI	449	>TCL1A-K23MHPDRLWAWI	420	29
>TET1-A2023ARRELHATTP	133	>TET1-A2023TRRELHATTP	493	360
>TET1-A2023CARRELHA	131	>TET1-A2023CTRRELHA	25	106
>TET1-A2023CARRELHATT	1368	>TET1-A2023CTRRELHATT	250	1118
>TET1-A2023IECARREL	419	>TET1-A2023IECTRREL	505	86
>TET1-A2023IECARREL	202	>TET1-A2023IECTRREL	332	130
>TET1-A2023VLIECARREL	128	>TET1-A2023VLIETRREL	111	17
>TET1-A2023VLIECARREL	382	>TET1-A2023VLIETRREL	258	124
>TET1-A2023VLIECARREL	43	>TET1-A2023VLIETRREL	26	17
>TET1-A2023VLIECARREL	84	>TET1-A2023VLIETRREL	48	36
>TET1-A2023VLIECARREL	507	>TET1-A2023VLIETRREL	338	169
>TET1-A2023VLIECARREL	10	>TET1-A2023VLIETRREL	8	2
>TET1-A2023VLIECARR	437	>TET1-A2023VLIETR	514	77
>TET1-A2023VLIECARR	558	>TET1-A2023VLIETR	461	97
>TET1-A2023SVLIECAR	495	>TET1-A2023SVLIECTR	688	193
>TET1-A2023SVLIECAR	143	>TET1-A2023SVLIECTR	192	49
>TET1-A2023SVLIECARR	249	>TET1-A2023SVLIECTR	464	215
>TET1-A2023SVLIECAR	102	>TET1-A2023SVLIECTR	100	2
>TET1-A2023SVLIECARR	153	>TET1-A2023SVLIECTR	244	91
>TET1-A2023SVLIECAR	277	>TET1-A2023SVLIECTR	250	27
>TET1-A2023GSVLIECAR	323	>TET1-A2023GSVLIECTR	392	69
>TET1-A2023GSVLIECARR	323	>TET1-A2023GSVLIECTR	826	503
>TET1-A2023GSVLIECAR	227	>TET1-A2023GSVLIECTR	135	92
>TET1-A2023GSVLIECARR	105	>TET1-A2023GSVLIECTR	203	98
>TET1-A2023HGSVLIECARI	401	>TET1-A2023HGSVLIECTR	514	113
>TET1-A2023HGSVLIECAR	302	>TET1-A2023HGSVLIECTR	255	47
>TET1-D1715DTDEFGSK	2400	>TET1-D1715NTDEFGSK	247	2153
>TET1-D1715DTDEFGSKEG	196	>TET1-D1715NTDEFGSKEG	598	402
>TET1-D1715DTDEFGSK	117	>TET1-D1715NTDEFGSK	168	51
>TET1-D1715DTDEFGSKEG	35	>TET1-D1715NTDEFGSKEG	33	2
>TET1-D1715LSDTDEFGSK	604	>TET1-D1715LSNTDEFGSK	194	410
>TET1-D1715KLSDTDEF	141	>TET1-D1715KLSNTDEF	605	464
>TET1-D1715KLSDTDEFG	269	>TET1-D1715KLSNTDEFG	1619	1350
>TET1-D1715KLSDTDEFGS	120	>TET1-D1715KLSNTDEFGS	70	50
>TET1-D1715KLSDTDEFGS	138	>TET1-D1715KLSNTDEFGS	124	14
>TET1-D1715KLSDTDEFGS	239	>TET1-D1715KLSNTDEFGS	177	62
>TET1-D1715KLSDTDEF	85	>TET1-D1715KLSNTDEF	37	48
>TET1-D1715KLSDTDEF	212	>TET1-D1715KLSNTDEF	176	36
>TET1-D1715KLSDTDEF	152	>TET1-D1715KLSNTDEF	66	86

>TET1-D1715YKLSDTDEF	16230	>TET1-D1715YKLSNTDEF	259	15971
>TET1-D1715YKLSDTDEF	375	>TET1-D1715YKLSNTDEF	182	193
>TET1-D1715YKLSDTDEF	3	>TET1-D1715YKLSNTDEF	3	0
>TET1-D1715YKLSDTDEF	507	>TET1-D1715YKLSNTDEF	442	65
>TET1-D1715LYKLSDTDEF	218	>TET1-D1715LYKLSNTDEF	91	127
>TET1-D1715LYKLSDTDEF	219	>TET1-D1715LYKLSNTDEF	98	121
>TET1-D1715LYKLSDTDEF	13	>TET1-D1715LYKLSNTDEF	11	2
>TET1-D1715PLYKLSDTDEI	524	>TET1-D1715PLYKLSNTDEI	365	159
>TET1-D1715PLYKLSDTDEI	295	>TET1-D1715PLYKLSNTDEI	171	124
>TET1-D1715LPLYKLSDT	644	>TET1-D1715LPLYKLSNT	251	393
>TET1-F329V FLLAGSKQA	60	>TET1-F329V VLLAGSKQA	1964	1904
>TET1-F329V FLLAGSKQAT	357	>TET1-F329V VLLAGSKQAT	5240	4883
>TET1-F329V FLLAGSKQAT	14	>TET1-F329V VLLAGSKQAT	85	71
>TET1-F329V FLLAGSKQA	92	>TET1-F329V VLLAGSKQA	3184	3092
>TET1-F329V FLLAGSKQAT	126	>TET1-F329V VLLAGSKQAT	2472	2346
>TET1-F329V FLLAGSKQAT	13	>TET1-F329V VLLAGSKQAT	191	178
>TET1-F329V FLLAGSKQA	12	>TET1-F329V VLLAGSKQA	220	208
>TET1-F329V FLLAGSKQAT	105	>TET1-F329V VLLAGSKQAT	1251	1146
>TET1-F329V FLLAGSKQAT	11	>TET1-F329V VLLAGSKQAT	129	118
>TET1-F329V FLLAGSKQA	48	>TET1-F329V VLLAGSKQA	983	935
>TET1-F329V FLLAGSKQAT	18	>TET1-F329V VLLAGSKQAT	297	279
>TET1-F329V FLLAGSKQ	156	>TET1-F329V VLLAGSKQ	1197	1041
>TET1-F329V FLLAGSKQA	5	>TET1-F329V VLLAGSKQA	22	17
>TET1-F329V FLLAGSKQAT	14	>TET1-F329V VLLAGSKQAT	89	75
>TET1-F329V FLLAGSKQAT	2	>TET1-F329V VLLAGSKQAT	4	2
>TET1-F329V FLLAGSKQA	42	>TET1-F329V VLLAGSKQA	716	674
>TET1-F329V FLLAGSKQAT	160	>TET1-F329V VLLAGSKQAT	2379	2219
>TET1-F329V FLLAGSKQAT	4	>TET1-F329V VLLAGSKQAT	11	7
>TET1-F329V FLLAGSKQ	196	>TET1-F329V VLLAGSKQ	1456	1260
>TET1-F329V FLLAGSKQA	11	>TET1-F329V VLLAGSKQA	39	28
>TET1-F329V FLLAGSKQAT	87	>TET1-F329V VLLAGSKQAT	756	669
>TET1-F329V FLLAGSKQAT	6	>TET1-F329V VLLAGSKQAT	11	5
>TET1-F329V FLLAGSKQA	17	>TET1-F329V VLLAGSKQA	73	56
>TET1-F329V FLLAGSKQAT	235	>TET1-F329V VLLAGSKQAT	986	751
>TET1-F329V FLLAGSKQAT	3	>TET1-F329V VLLAGSKQAT	4	1
>TET1-F329V FLLAGSKQ	12	>TET1-F329V VLLAGSKQ	99	87
>TET1-F329V FLLAGSKQA	4	>TET1-F329V VLLAGSKQA	12	8
>TET1-F329V FLLAGSKQAT	8	>TET1-F329V VLLAGSKQAT	47	39
>TET1-F329V FLLAGSKQAT	2	>TET1-F329V VLLAGSKQAT	3	1
>TET1-F329V FLLAGSKQAT	496	>TET1-F329V VLLAGSKQAT	6982	6486
>TET1-F329V FLLAGSKQAT	238	>TET1-F329V VLLAGSKQAT	1385	1147
>TET1-F329V FLLAGSKQAT	166	>TET1-F329V VLLAGSKQAT	950	784
>TET1-F329V FLLAGSKQAT	290	>TET1-F329V VLLAGSKQAT	994	704

>TET1-F329V FLLAGSKQAT	119	>TET1-F329V VLLAGSKQAT	2628	2509
>TET1-F329V KFLLAGSK	1641	>TET1-F329V KVLLAGSK	93	1548
>TET1-F329V KFLLAGSK	2318	>TET1-F329V KVLLAGSK	55	2263
>TET1-F329V KFLLAGSK	19	>TET1-F329V KVLLAGSK	8	11
>TET1-F329V KFLLAGSKQA	523	>TET1-F329V KVLLAGSKQA	107	416
>TET1-F329V KFLLAGSK	436	>TET1-F329V KVLLAGSK	4508	4072
>TET1-F329V GSTSPTSVIKF	114	>TET1-F329V GSTSPTSVIKV	5469	5355
>TET1-F329V GSTSPTSVIKF	8	>TET1-F329V GSTSPTSVIKV	2138	2130
>TET1-F329V GSTSPTSVIKF	494	>TET1-F329V GSTSPTSVIKV	17514	17020
>TET1-F329V GSTSPTSVIKF	155	>TET1-F329V GSTSPTSVIKV	487	332
>TET1-F329V GSTSPTSVIKF	17	>TET1-F329V GSTSPTSVIKV	183	166
>TET1-F329V IKFLLAGSKQ/	462	>TET1-F329V IKVLLAGSKQ/	2378	1916
>TET1-F329V VIKFLLAGSK	113	>TET1-F329V VIKVLLAGSK	748	635
>TET1-F329V VIKFLLAGSK	459	>TET1-F329V VIKVLLAGSK	1539	1080
>TET1-F329V VIKFLLAGSK	55	>TET1-F329V VIKVLLAGSK	65	10
>TET1-F329V SVIKFLLA	368	>TET1-F329V SVIKVLLA	268	100
>TET1-F329V SVIKFLLA	64	>TET1-F329V SVIKVLLA	153	89
>TET1-F329V SVIKFLLAGSK	174	>TET1-F329V SVIKVLLAGSK	158	16
>TET1-F329V SVIKFLLAGSK	11	>TET1-F329V SVIKVLLAGSK	14	3
>TET1-F329V SVIKFLLAGSK	77	>TET1-F329V SVIKVLLAGSK	137	60
>TET1-F329V SVIKFLLAGSK	55	>TET1-F329V SVIKVLLAGSK	51	4
>TET1-F329V SVIKFLLA	279	>TET1-F329V SVIKVLLA	275	4
>TET1-F329V TSVIKFLL	359	>TET1-F329V TSVIKVLL	646	287
>TET1-F329V TSVIKFLL	72	>TET1-F329V TSVIKVLL	57	15
>TET1-F329V TSVIKFLL	147	>TET1-F329V TSVIKVLL	497	350
>TET1-F329V SPTSVIKF	28	>TET1-F329V SPTSVIKV	178	150
>TET1-F329V SPTSVIKFL	12	>TET1-F329V SPTSVIKVL	169	157
>TET1-F329V SPTSVIKFLL	41	>TET1-F329V SPTSVIKVLL	128	87
>TET1-F329V SPTSVIKFL	1966	>TET1-F329V SPTSVIKVL	180	1786
>TET1-F329V SPTSVIKFLL	26	>TET1-F329V SPTSVIKVLL	26	0
>TET1-F329V SPTSVIKF	95	>TET1-F329V SPTSVIKV	7484	7389
>TET1-F329V SPTSVIKF	279	>TET1-F329V SPTSVIKV	4029	3750
>TET1-F329V SPTSVIKFLLA	105	>TET1-F329V SPTSVIKVLLA	300	195
>TET1-F329V SPTSVIKF	85	>TET1-F329V SPTSVIKV	5713	5628
>TET1-F329V SPTSVIKFL	940	>TET1-F329V SPTSVIKVL	196	744
>TET1-F329V SPTSVIKF	60	>TET1-F329V SPTSVIKV	5525	5465
>TET1-F329V TSPTSVIKF	319	>TET1-F329V TSPTSVIKV	15290	14971
>TET1-F329V TSPTSVIKF	16004	>TET1-F329V TSPTSVIKV	62	15942
>TET1-F329V TSPTSVIKFLL	100	>TET1-F329V TSPTSVIKVLL	152	52
>TET1-F329V TSPTSVIKF	374	>TET1-F329V TSPTSVIKV	10250	9876
>TET1-F329V TSPTSVIKF	51	>TET1-F329V TSPTSVIKV	7881	7830
>TET1-F329V TSPTSVIKF	3	>TET1-F329V TSPTSVIKV	5	2
>TET1-F329V TSPTSVIKFL	2	>TET1-F329V TSPTSVIKVL	2	0

>TET1-F329V TSPTSVIKFLL	2	>TET1-F329V TSPTSVIKVLL	2	0
>TET1-F329V STSPTSVIKF	18290	>TET1-F329V STSPTSVIKV	446	17844
>TET1-F329V STSPTSVIKFL	146	>TET1-F329V STSPTSVIKVL	1216	1070
>TET1-F329V STSPTSVIKF	18936	>TET1-F329V STSPTSVIKV	120	18816
>TET1-F329V STSPTSVIKF	17808	>TET1-F329V STSPTSVIKV	119	17689
>TET1-F329V STSPTSVIKF	18407	>TET1-F329V STSPTSVIKV	128	18279
>TET1-F329V STSPTSVIKF	20738	>TET1-F329V STSPTSVIKV	56	20682
>TET1-F329V STSPTSVIKF	25914	>TET1-F329V STSPTSVIKV	68	25846
>TET1-F329V STSPTSVIKFL	410	>TET1-F329V STSPTSVIKVL	2029	1619
>TET1-F329V STSPTSVIKF	210	>TET1-F329V STSPTSVIKV	2724	2514
>TET1-F329V STSPTSVIKF	15207	>TET1-F329V STSPTSVIKV	72	15135
>TET1-F329V STSPTSVIKFL	69	>TET1-F329V STSPTSVIKVL	396	327
>TET1-F329V STSPTSVIKF	12540	>TET1-F329V STSPTSVIKV	59	12481
>TET1-F329V STSPTSVIKF	86	>TET1-F329V STSPTSVIKV	3368	3282
>TET1-F329V STSPTSVIKF	3	>TET1-F329V STSPTSVIKV	116	113
>TET1-F329V STSPTSVIKFL	21	>TET1-F329V STSPTSVIKVL	23	2
>TET1-F329V STSPTSVIKF	89	>TET1-F329V STSPTSVIKV	12111	12022
>TET1-F329V STSPTSVIKF	38	>TET1-F329V STSPTSVIKV	102	64
>TET1-F329V STSPTSVIKFL	15	>TET1-F329V STSPTSVIKVL	41	26
>TET1-F329V STSPTSVIKF	21	>TET1-F329V STSPTSVIKV	62	41
>TET1-F329V STSPTSVIKFL	40	>TET1-F329V STSPTSVIKVL	29	11
>TET1-F329V STSPTSVIKFL	62	>TET1-F329V STSPTSVIKVL	65	3
>TET1-G188€ GRLSGANA	4366	>TET1-G188€ RRLSGANA	349	4017
>TET1-G188€ GRLSGANAA	2682	>TET1-G188€ RRLSGANAA	137	2545
>TET1-G188€ GRLSGANAA/	2857	>TET1-G188€ RRLSGANAA/	206	2651
>TET1-G188€ GRLSGANAA/	2326	>TET1-G188€ RRLSGANAA/	158	2168
>TET1-G188€ GRLSGANA	906	>TET1-G188€ RRLSGANA	106	800
>TET1-G188€ GRLSGANAA	1703	>TET1-G188€ RRLSGANAA	180	1523
>TET1-G188€ GRLSGANAA/	1158	>TET1-G188€ RRLSGANAA/	101	1057
>TET1-G188€ GRLSGANAA/	833	>TET1-G188€ RRLSGANAA/	96	737
>TET1-G188€ GRLSGANA	15946	>TET1-G188€ RRLSGANA	318	15628
>TET1-G188€ GRLSGANAA	7454	>TET1-G188€ RRLSGANAA	357	7097
>TET1-G188€ GRLSGANAA/	9055	>TET1-G188€ RRLSGANAA/	342	8713
>TET1-G188€ GRLSGANAA/	8030	>TET1-G188€ RRLSGANAA/	389	7641
>TET1-G188€ GRLSGANAA/	6504	>TET1-G188€ RRLSGANAA/	353	6151
>TET1-G188€ SGRLSGANA	124	>TET1-G188€ SRRLSGANA	897	773
>TET1-G188€ SGRLSGANA/	202	>TET1-G188€ SRRLSGANA/	1450	1248
>TET1-G188€ SGRLSGANA/	67	>TET1-G188€ SRRLSGANA/	506	439
>TET1-G188€ SSTPHCTMPS	21764	>TET1-G188€ SSTPHCTMPS	82	21682
>TET1-G188€ SSTPHCTMPS	35142	>TET1-G188€ SSTPHCTMPS	97	35045
>TET1-G188€ SSTPHCTMPS	9002	>TET1-G188€ SSTPHCTMPS	128	8874
>TET1-G188€ PSGRLSGA	15311	>TET1-G188€ PSRRLSGA	221	15090
>TET1-G188€ PSGRLSGANA	12261	>TET1-G188€ PSRRLSGANA	51	12210

>TET1-G188€PSGRLSGANAF	13021	>TET1-G188€PSRRLSGANA	85	12936
>TET1-G188€MPSGRLSGA	95	>TET1-G188€MPSRRLSGA	103	8
>TET1-G188€MPSGRLSGAI	101	>TET1-G188€MPSRRLSGAI	103	2
>TET1-G188€MPSGRLSG	1566	>TET1-G188€MPSRRLSG	121	1445
>TET1-G188€MPSGRLSGA	1017	>TET1-G188€MPSRRLSGA	112	905
>TET1-G188€MPSGRLSGAI	2375	>TET1-G188€MPSRRLSGAI	498	1877
>TET1-G188€MPSGRLSGA	18	>TET1-G188€MPSRRLSGA	31	13
>TET1-G188€MPSGRLSGAI	16	>TET1-G188€MPSRRLSGAI	23	7
>TET1-G188€TMPSGRLSGA/	2704	>TET1-G188€TMPSRRLSGA/	213	2491
>TET1-G188€TMPSGRLSGA/	145	>TET1-G188€TMPSRRLSGA/	636	491
>TET1-G188€TMPSGRLSGA/	49	>TET1-G188€TMPSRRLSGA/	72	23
>TET1-G188€TMPSGRLSGA/	39	>TET1-G188€TMPSRRLSGA/	115	76
>TET1-G188€CTMPSGRRLSC	189	>TET1-G188€CTMPSRRLSC	361	172
>TET1-G188€CTMPSGRRL	110	>TET1-G188€CTMPSRRL	148	38
>TET1-G188€CTMPSGRRLSC	167	>TET1-G188€CTMPSRRLSC	83	84
>TET1-G188€CTMPSGRRL	14	>TET1-G188€CTMPSRRL	15	1
>TET1-G188€CTMPSGRRL	286	>TET1-G188€CTMPSRRL	57	229
>TET1-G188€CTMPSGRRL	24	>TET1-G188€CTMPSRRL	36	12
>TET1-G188€HCTMPSGR	320	>TET1-G188€HCTMPSRR	433	113
>TET1-G188€TPHCTMPSRI	186	>TET1-G188€TPHCTMPSRI	724	538
>TET1-G188€TPHCTMPSRI	100	>TET1-G188€TPHCTMPSRI	87	13
>TET1-G188€TPHCTMPSRI	317	>TET1-G188€TPHCTMPSRI	582	265
>TET1-G188€STPHCTMPSC	30828	>TET1-G188€STPHCTMPSF	59	30769
>TET1-G188€STPHCTMPSC	28662	>TET1-G188€STPHCTMPSF	159	28503
>TET1-G188€STPHCTMPSC	550	>TET1-G188€STPHCTMPSF	272	278
>TET1-G188€STPHCTMPSC	33059	>TET1-G188€STPHCTMPSF	52	33007
>TET1-G188€STPHCTMPSC	52	>TET1-G188€STPHCTMPSF	70	18
>TET1-G188€STPHCTMPSC	358	>TET1-G188€STPHCTMPSF	770	412
>TET1-G188€STPHCTMPSC	11501	>TET1-G188€STPHCTMPSF	239	11262
>TET1-G188€STPHCTMPSC	751	>TET1-G188€STPHCTMPSF	427	324
>TET1-G188€STPHCTMPSC	32798	>TET1-G188€STPHCTMPSF	267	32531
>TET1-G188€STPHCTMPSC	282	>TET1-G188€STPHCTMPSF	303	21
>TET1-H170€HVLPLYKL	301	>TET1-H170€QVLPLYKL	318	17
>TET1-H170€HVLPLYKL	140	>TET1-H170€QVLPLYKL	298	158
>TET1-H170€HVLPLYKL	83	>TET1-H170€QVLPLYKL	117	34
>TET1-H170€HVLPLYKL	418	>TET1-H170€QVLPLYKL	1266	848
>TET1-H170€LHVLPLYKL	4469	>TET1-H170€LQVLPLYKL	346	4123
>TET1-H170€LHVLPLYKL	16922	>TET1-H170€LQVLPLYKL	41	16881
>TET1-H170€LHVLPLYK	7509	>TET1-H170€LQVLPLYK	66	7443
>TET1-H170€LHVLPLYKL	4178	>TET1-H170€LQVLPLYKL	481	3697
>TET1-H170€LHVLPLYKL	10865	>TET1-H170€LQVLPLYKL	303	10562
>TET1-H170€QLHVLPLYKL	49	>TET1-H170€QLQVLPLYKL	82	33
>TET1-H170€QLHVLPLYKL	382	>TET1-H170€QLQVLPLYKL	706	324

>TET1-H170€QLHVLPLYKL	90	>TET1-H170€QLQVLPLYKL	260	170
>TET1-H170€QLHVLPLYKL	417	>TET1-H170€QLQVLPLYKL	144	273
>TET1-H170€QLHVLPLYKL	97	>TET1-H170€QLQVLPLYKL	126	29
>TET1-H170€QLHVLPLYK	51	>TET1-H170€QLQVLPLYK	107	56
>TET1-H170€QLHVLPLYK	42	>TET1-H170€QLQVLPLYK	27	15
>TET1-H170€QLHVLPLY	21	>TET1-H170€QLQVLPLY	29	8
>TET1-H170€QLHVLPLYK	17	>TET1-H170€QLQVLPLYK	732	715
>TET1-H170€QLHVLPLY	219	>TET1-H170€QLQVLPLY	165	54
>TET1-H170€QLHVLPLY	25	>TET1-H170€QLQVLPLY	48	23
>TET1-H170€QLHVLPLYK	247	>TET1-H170€QLQVLPLYK	716	469
>TET1-H170€EQLHVLPL	50	>TET1-H170€EQLQVLPL	74	24
>TET1-H170€EQLHVLPLYK	149	>TET1-H170€EQLQVLPLYK	189	40
>TET1-H170€EQLHVLPLYK	102	>TET1-H170€EQLQVLPLYK	223	121
>TET1-H170€EQLHVLPLYK	85	>TET1-H170€EQLQVLPLYK	81	4
>TET1-H170€EQLHVLPLY	149	>TET1-H170€EQLQVLPLY	62	87
>TET1-H170€EQLHVLPLY	360	>TET1-H170€EQLQVLPLY	644	284
>TET1-H170€EQLHVLPLY	189	>TET1-H170€EQLQVLPLY	279	90
>TET1-H170€EQLHVLPL	100	>TET1-H170€EQLQVLPL	309	209
>TET1-H170€EQLHVLPLY	143	>TET1-H170€EQLQVLPLY	476	333
>TET1-H170€EQLHVLPL	67	>TET1-H170€EQLQVLPL	48	19
>TET1-H170€EQLHVLPL	400	>TET1-H170€EQLQVLPL	589	189
>TET1-H170€EQLHVLPLYK	819	>TET1-H170€EQLQVLPLYK	490	329
>TET1-H170€DEQLHVLP	446	>TET1-H170€DEQLQVLP	564	118
>TET1-H170€DEQLHVLPL	413	>TET1-H170€DEQLQVLPL	182	231
>TET1-H170€DEQLHVLPL	11	>TET1-H170€DEQLQVLPL	17	6
>TET1-H170€DEQLHVLPLY	107	>TET1-H170€DEQLQVLPLY	71	36
>TET1-H170€DEQLHVLPL	286	>TET1-H170€DEQLQVLPL	283	3
>TET1-H170€DEQLHVLPLY	403	>TET1-H170€DEQLQVLPLY	325	78
>TET1-H170€DEQLHVLPL	253	>TET1-H170€DEQLQVLPL	1052	799
>TET1-H170€PQDEQLHV	210	>TET1-H170€PQDEQLQV	523	313
>TET1-H170€PQDEQLHVLI	340	>TET1-H170€PQDEQLQVLI	589	249
>TET1-H170€PQDEQLHV	618	>TET1-H170€PQDEQLQV	477	141
>TET1-H170€PQDEQLHV	379	>TET1-H170€PQDEQLQV	771	392
>TET1-H170€IPQDEQLHVL	407	>TET1-H170€IPQDEQLQVL	718	311
>TET1-H170€VIPQDEQLHV	168	>TET1-H170€VIPQDEQLQV	93	75
>TET1-H170€VIPQDEQLHV	66	>TET1-H170€VIPQDEQLQV	100	34
>TET1-H170€VIPQDEQLHV	10	>TET1-H170€VIPQDEQLQV	7	3
>TET1-H170€VIPQDEQLHV	46	>TET1-H170€VIPQDEQLQV	96	50
>TET1-H170€GVIPQDEQLF	585	>TET1-H170€GVIPQDEQLC	483	102
>TET1-H170€GVIPQDEQLF	82	>TET1-H170€GVIPQDEQLC	167	85
>TET1-H170€GVIPQDEQLF	715	>TET1-H170€GVIPQDEQLC	460	255
>TET1-H170€GVIPQDEQLF	277	>TET1-H170€GVIPQDEQLC	747	470
>TET1-H170€GVIPQDEQLF	141	>TET1-H170€GVIPQDEQLC	258	117



>TET1-H170€GVIPQDEQLH	32	>TET1-H170€GVIPQDEQLC	20	12
>TET1-P1846PGFWSWSPK	3214	>TET1-P1846LGFSWSPK	140	3074
>TET1-P1846PGFWSWSPK	1915	>TET1-P1846LGFSWSPK	271	1644
>TET1-P1846SPGFSWSPKT	22413	>TET1-P1846SLGFSWSPKT	206	22207
>TET1-P1846SPGFSWSPKT	27747	>TET1-P1846SLGFSWSPKT	356	27391
>TET1-P1846SPGFSWSPKT	26148	>TET1-P1846SLGFSWSPKT	90	26058
>TET1-P1846SPGFSWSPKT	23556	>TET1-P1846SLGFSWSPKT	220	23336
>TET1-P1846SPGFSWSPKT	24844	>TET1-P1846SLGFSWSPKT	178	24666
>TET1-P1846SPGFSWSPKT	35762	>TET1-P1846SLGFSWSPKT	187	35575
>TET1-P1846SPGFSWSPKT	35649	>TET1-P1846SLGFSWSPKT	104	35545
>TET1-P1846SPGFSWSPK	13195	>TET1-P1846SLGFSWSPK	51	13144
>TET1-P1846SPGFSWSPK	3145	>TET1-P1846SLGFSWSPK	18	3127
>TET1-P1846SPGFSWSPK	11566	>TET1-P1846SLGFSWSPK	117	11449
>TET1-P1846SAPHPVKEAS	9353	>TET1-P1846SAPHPVKEAS	75	9278
>TET1-P1846ASPGFSWSPK	47	>TET1-P1846ASLGFSWSPK	17	30
>TET1-P1846ASPGFSWSPK	11	>TET1-P1846ASLGFSWSPK	9	2
>TET1-P1846ASPGFSWSPK	81	>TET1-P1846ASLGFSWSPK	9	72
>TET1-P1846ASPGFSWSPK	320	>TET1-P1846ASLGFSWSPK	91	229
>TET1-P1846ASPGFSWSPK	53	>TET1-P1846ASLGFSWSPK	110	57
>TET1-P1846ASPGFSWSP	157	>TET1-P1846ASLGFSWSP	17438	17281
>TET1-P1846ASPGFSWSPK	199	>TET1-P1846ASLGFSWSPK	19169	18970
>TET1-P1846ASPGFSWSPK	295	>TET1-P1846ASLGFSWSPK	59	236
>TET1-P1846EASPGFSWSP	345	>TET1-P1846EASLGFSWSP	581	236
>TET1-P1846EASPGFSWSP	604	>TET1-P1846EASLGFSWSP	493	111
>TET1-P1846EASPGFSWSP	14	>TET1-P1846EASLGFSWSP	14	0
>TET1-P1846EASPGFSW	20	>TET1-P1846EASLGFSW	178	158
>TET1-P1846EASPGFSW	50	>TET1-P1846EASLGFSW	45	5
>TET1-P1846EASPGFSW	173	>TET1-P1846EASLGFSW	912	739
>TET1-P1846EASPGFSW	37	>TET1-P1846EASLGFSW	117	80
>TET1-P1846EASPGFSW	177	>TET1-P1846EASLGFSW	237	60
>TET1-P1846EASPGFSW	227	>TET1-P1846EASLGFSW	989	762
>TET1-P1846KEASPGFSW	1883	>TET1-P1846KEASLGFSW	282	1601
>TET1-P1846KEASPGFSW	3658	>TET1-P1846KEASLGFSW	476	3182
>TET1-P1846KEASPGFSW	60	>TET1-P1846KEASLGFSW	66	6
>TET1-P1846KEASPGFSW	55	>TET1-P1846KEASLGFSW	15	40
>TET1-P1846KEASPGFSW	130	>TET1-P1846KEASLGFSW	64	66
>TET1-P1846KEASPGFSW	191	>TET1-P1846KEASLGFSW	73	118
>TET1-P1846VKEASPGF	75	>TET1-P1846VKEASLGF	92	17
>TET1-P1846VKEASPGFSM	839	>TET1-P1846VKEASLGFSM	464	375
>TET1-P1846HPVKEASP	16449	>TET1-P1846HPVKEASL	31	16418
>TET1-P1846HPVKEASP	3411	>TET1-P1846HPVKEASL	88	3323
>TET1-P1846HPVKEASPG	100	>TET1-P1846HPVKEASLG	1750	1650
>TET1-P1846HPVKEASPGF	170	>TET1-P1846HPVKEASLGF	101	69

>TET1-P1846 HPVKEASP	16569	>TET1-P1846 HPVKEASL	51	16518
>TET1-P1846 HPVKEASP	9449	>TET1-P1846 HPVKEASL	198	9251
>TET1-P1846 HPVKEASPGF	965	>TET1-P1846 HPVKEASLGF	323	642
>TET1-P1846 HPVKEASP	12565	>TET1-P1846 HPVKEASL	189	12376
>TET1-P1846 HPVKEASPGF	178	>TET1-P1846 HPVKEASLGF	155	23
>TET1-P1846 AHPVKEASP	37715	>TET1-P1846 AHPVKEASL	80	37635
>TET1-P1846 AHPVKEASP	7682	>TET1-P1846 AHPVKEASL	85	7597
>TET1-R1505 RTGHHCPA\	310	>TET1-R1505 CTGHHCPA\	835	525
>TET1-R1505 RTGHHCPA\	497	>TET1-R1505 CTGHHCPA\	3936	3439
>TET1-R1505 RTGHHCPA\	452	>TET1-R1505 CTGHHCPA\	275	177
>TET1-R1505 RTGHHCPA	249	>TET1-R1505 CTGHHCPA	7078	6829
>TET1-R1505 RTGHHCPA\	332	>TET1-R1505 CTGHHCPA\	11515	11183
>TET1-R1505 RTGHHCPA\	460	>TET1-R1505 CTGHHCPA\	17750	17290
>TET1-R1505 RTGHHCPA\	119	>TET1-R1505 CTGHHCPA\	1664	1545
>TET1-R1505 RTGHHCPA\	8	>TET1-R1505 CTGHHCPA\	603	595
>TET1-R1505 RTGHHCPA\	306	>TET1-R1505 CTGHHCPA\	5186	4880
>TET1-R1505 RTGHHCPA\	389	>TET1-R1505 CTGHHCPA\	740	351
>TET1-R1505 RTGHHCPA\	157	>TET1-R1505 CTGHHCPA\	2480	2323
>TET1-R1505 RTGHHCPA\	47	>TET1-R1505 CTGHHCPA\	808	761
>TET1-R1505 RTGHHCPA\	124	>TET1-R1505 CTGHHCPA\	91	33
>TET1-R1505 RQRTGHHCP'	840	>TET1-R1505 RQCTGHHCP'	126	714
>TET1-R1505 RQRTGHHCP	305	>TET1-R1505 RQCTGHHCP	11184	10879
>TET1-R1505 RQRTGHHCP	351	>TET1-R1505 RQCTGHHCP	11814	11463
>TET1-R1505 RQRTGHHCP'	21	>TET1-R1505 RQCTGHHCP'	4340	4319
>TET1-R1505 RQRTGHHCP'	8	>TET1-R1505 RQCTGHHCP'	1148	1140
>TET1-R1505 RQRTGHHCP'	394	>TET1-R1505 RQCTGHHCP'	735	341
>TET1-R1505 RQRTGHHCP'	223	>TET1-R1505 RQCTGHHCP'	467	244
>TET1-R1505 RQRTGHHCP'	284	>TET1-R1505 RQCTGHHCP'	1079	795
>TET1-R1505 RQRTGHHCP'	75	>TET1-R1505 RQCTGHHCP'	447	372
>TET1-R1505 RQRTGHHCP	221	>TET1-R1505 RQCTGHHCP	658	437
>TET1-R1505 VLCLVRQR	252	>TET1-R1505 VLCLVRQC	19532	19280
>TET1-R1505 VLCLVRQR	352	>TET1-R1505 VLCLVRQC	36008	35656
>TET1-R1505 KVLCLVRQR	30	>TET1-R1505 KVLCLVRQC	13046	13016
>TET1-R1505 KVLCLVRQR	45	>TET1-R1505 KVLCLVRQC	33646	33601
>TET1-V1257 VEPLDSL	364	>TET1-V1257 FEPLDSL	127	237
>TET1-V1257 VEPLDSL	449	>TET1-V1257 FEPLDSL	123	326
>TET1-V1257 VEPLDSL	1406	>TET1-V1257 FEPLDSL	421	985
>TET1-V1257 VEPLDSL	922	>TET1-V1257 FEPLDSL	294	628
>TET1-V1257 VEPLDSL	168	>TET1-V1257 FEPLDSL	60	108
>TET1-V1257 VEPLDSL	1933	>TET1-V1257 FEPLDSL	420	1513
>TET1-V1257 KVEPLDSL	2652	>TET1-V1257 KFEPLDSL	84	2568
>TET1-V1257 KVEPLDSL	6147	>TET1-V1257 KFEPLDSL	450	5697
>TET1-V1257 KVEPLDSL	14521	>TET1-V1257 KFEPLDSL	458	14063

>TET1-V1257KVEPLDSLSLF	6237	>TET1-V1257KFEPLDSLSLF	67	6170
>TET1-V1257KVEPLDSLSL	494	>TET1-V1257KFEPLDSLSL	5690	5196
>TET1-V1257KVEPLDSLSL	212	>TET1-V1257KFEPLDSLSL	18953	18741
>TET1-V1257KVEPLDSLSLF	24	>TET1-V1257KFEPLDSLSLF	11200	11176
>TET1-V1257KVEPLDSLSLF	8	>TET1-V1257KFEPLDSLSLF	50	42
>TET1-V1257KVEPLDSL	12903	>TET1-V1257KFEPLDSL	82	12821
>TET1-V1257KVEPLDSLSL	16629	>TET1-V1257KFEPLDSLSL	227	16402
>TET1-V1257KVEPLDSLSLF	22945	>TET1-V1257KFEPLDSLSLF	421	22524
>TET1-V1257YPESAEEKVK'	147	>TET1-V1257YPESAEEKVK	44	103
>TET1-V1257YPESAEEKVK'	1614	>TET1-V1257YPESAEEKVK	24	1590
>TET1-V1257YPESAEEKVK'	1063	>TET1-V1257YPESAEEKVK	116	947
>TET1-V1257YPESAEEKVK'	8822	>TET1-V1257YPESAEEKVK	113	8709
>TET1-V1257YPESAEEKVK'	3193	>TET1-V1257YPESAEEKVK	48	3145
>TET1-V1257VKVEPLDSL	218	>TET1-V1257VKFEPLDSL	24	194
>TET1-V1257VKVEPLDSLSI	55	>TET1-V1257VKFEPLDSLSL	9	46
>TET1-V1257KVKVEPLD	481	>TET1-V1257KVKFEPLD	371	110
>TET1-V1257KVKVEPLDS	390	>TET1-V1257KVKFEPLDS	312	78
>TET1-V1257KVKVEPLDSL	121	>TET1-V1257KVKFEPLDSL	99	22
>TET1-V1257KVKVEPLDSL'	196	>TET1-V1257KVKFEPLDSL'	159	37
>TET1-V1257KVKVEPLDSL	1400	>TET1-V1257KVKFEPLDSL	365	1035
>TET1-V1257EKVKVEPL	498	>TET1-V1257EKVKFEPL	185	313
>TET1-V1257EEKVKVEPL	626	>TET1-V1257EEKVKFEPL	87	539
>TET1-V1257EEKVKVEPL	1438	>TET1-V1257EEKVKFEPL	357	1081
>TET1-V1257EEKVKVEPL	214	>TET1-V1257EEKVKFEPL	145	69
>TET1-V1257EEKVKVEPL	1622	>TET1-V1257EEKVKFEPL	305	1317
>TET1-V1257EEKVKVEPL	266	>TET1-V1257EEKVKFEPL	408	142
>TET1-V1257AEEKVKVEPL	98	>TET1-V1257AEEKVKFEPL	103	5
>TET1-V1257AEEKVKVEPL	141	>TET1-V1257AEEKVKFEPL	85	56
>TET1-V1257AEEKVKVEPL	209	>TET1-V1257AEEKVKFEPL	68	141
>TET1-V1257AEEKVKVEPL	1554	>TET1-V1257AEEKVKFEPL	482	1072
>TET1-V1257AEEKVKVEPL	171	>TET1-V1257AEEKVKFEPL	99	72
>TET1-V1257AEEKVKVEPL	60	>TET1-V1257AEEKVKFEPL	94	34
>TET1-V1257SAEEKVKV	13507	>TET1-V1257SAEEKVKF	143	13364
>TET1-V1257ESAEEKVKV	12773	>TET1-V1257ESAEEKVKF	340	12433
>TET1-V1257ESAEEKVKV	35	>TET1-V1257ESAEEKVKF	13125	13090
>TET1-V1257ESAEEKVKV	48	>TET1-V1257ESAEEKVKF	14380	14332
>TET1-V1257ESAEEKVKV	13089	>TET1-V1257ESAEEKVKF	98	12991
>TET2-A1264ALNEERTCA	233	>TET2-A1264PLNEERTCA	5663	5430
>TET2-A1264ALNEERTCA	116	>TET2-A1264PLNEERTCA	5437	5321
>TET2-A1264ALNEERTC	253	>TET2-A1264PLNEERTC	4231	3978
>TET2-A1264ALNEERTCAC	94	>TET2-A1264PLNEERTCAC	1427	1333
>TET2-A1264ALNEERTCAC	469	>TET2-A1264PLNEERTCAC	7647	7178
>TET2-A1264ALNEERTCA	286	>TET2-A1264PLNEERTCA	4383	4097

>TET2-A1264ALNEERTC	70	>TET2-A1264PLNEERTC	3081	3011
>TET2-A1264ALNEERTCA	25	>TET2-A1264PLNEERTCA	390	365
>TET2-A1264ALNEERTCAC	15	>TET2-A1264PLNEERTCAC	604	589
>TET2-A1264ALNEERTCAC	169	>TET2-A1264PLNEERTCAC	3841	3672
>TET2-A1264CALNEERTCA	27924	>TET2-A1264CPLNEERTCA	273	27651
>TET2-A1264RCALNEER	185	>TET2-A1264RCPLNEER	162	23
>TET2-A1264RRCALNEER	336	>TET2-A1264RRCPLNEER	569	233
>TET2-A1264RRCALNEERT	107	>TET2-A1264RRCPLNEERT	239	132
>TET2-A1264RRCALNEE	163	>TET2-A1264RRCPLNEE	165	2
>TET2-A1264RRCALNEER	348	>TET2-A1264RRCPLNEER	421	73
>TET2-A1264RRCALNEERT	283	>TET2-A1264RRCPLNEERT	469	186
>TET2-A1264RRCALNEERT	291	>TET2-A1264RRCPLNEERT	346	55
>TET2-A1264RRCALNEE	297	>TET2-A1264RRCPLNEE	197	100
>TET2-A1264RRCALNEER	405	>TET2-A1264RRCPLNEER	279	126
>TET2-A1264RRCALNEERT	230	>TET2-A1264RRCPLNEERT	228	2
>TET2-A1264RRCALNEERT	495	>TET2-A1264RRCPLNEERT	309	186
>TET2-A1264RRCALNEER	170	>TET2-A1264RRCPLNEER	202	32
>TET2-A1264LTNRRCAL	1141	>TET2-A1264LTNRRCP	419	722
>TET2-A1264LTNRRCAL	282	>TET2-A1264LTNRRCP	390	108
>TET2-A1264LTNRRCAL	106	>TET2-A1264LTNRRCP	73	33
>TET2-A1264TLNRRCAL	982	>TET2-A1264TLNRRCP	458	524
>TET2-A1264TLNRRCA	358	>TET2-A1264TLNRRCP	22290	21932
>TET2-A1264TLNRRCAL	8	>TET2-A1264TLNRRCP	6	2
>TET2-A1264TLNRRCAL	31	>TET2-A1264TLNRRCP	36	5
>TET2-A1264GTLNRRCAL	272	>TET2-A1264GTLNRRCP	141	131
>TET2-A1344AYNNQIEY	4259	>TET2-A1344EYNNQIEY	349	3910
>TET2-A1344AYNNQIEY	272	>TET2-A1344EYNNQIEY	772	500
>TET2-A1344AYNNQIEY	122	>TET2-A1344EYNNQIEY	720	598
>TET2-A1344AYNNQIEYEH	17	>TET2-A1344EYNNQIEYEH	166	149
>TET2-A1344AYNNQIEYEH	644	>TET2-A1344EYNNQIEYEH	29	615
>TET2-A1344AYNNQIEYEH	3161	>TET2-A1344EYNNQIEYEH	80	3081
>TET2-A1344AYNNQIEY	408	>TET2-A1344EYNNQIEY	2928	2520
>TET2-A1344AYNNQIEYEH	158	>TET2-A1344EYNNQIEYEH	46	112
>TET2-A1344DAYNNQIEY	297	>TET2-A1344DEYNNQIEY	9352	9055
>TET2-A1344DAYNNQIEY	179	>TET2-A1344DEYNNQIEY	8907	8728
>TET2-A1344DAYNNQIE	23037	>TET2-A1344DEYNNQIE	322	22715
>TET2-A1344DAYNNQIEY	1172	>TET2-A1344DEYNNQIEY	4	1168
>TET2-A1344DAYNNQIEYE	13747	>TET2-A1344DEYNNQIEYE	29	13718
>TET2-A1344DAYNNQIEY	25	>TET2-A1344DEYNNQIEY	1375	1350
>TET2-A1344DAYNNQIEYE	374	>TET2-A1344DEYNNQIEYE	9707	9333
>TET2-A1344DAYNNQIEY	16416	>TET2-A1344DEYNNQIEY	315	16101
>TET2-A1344DAYNNQIEY	30967	>TET2-A1344DEYNNQIEY	183	30784
>TET2-A1344PDAYNNQI	226	>TET2-A1344PDEYNNQI	251	25

>TET2-A1344APDAYNNQI	276	>TET2-A1344APDEYNNQI	535	259
>TET2-A1344APDAYNNQIE	47	>TET2-A1344APDEYNNQIE	40	7
>TET2-A1344APDAYNNQIE	367	>TET2-A1344APDEYNNQIE	269	98
>TET2-A1344APDAYNNQIE	21	>TET2-A1344APDEYNNQIE	15	6
>TET2-A1344LAPDAYNNQ	365	>TET2-A1344LAPDEYNNQ	1523	1158
>TET2-A1344LAPDAYNNQ	9	>TET2-A1344LAPDEYNNQI	17	8
>TET2-A1344KLAPDAYNNC	36	>TET2-A1344KLAPDEYNNC	36	0
>TET2-A1344KLAPDAYNNC	7	>TET2-A1344KLAPDEYNNC	7	0
>TET2-A1344KLAPDAYNNC	15	>TET2-A1344KLAPDEYNNC	30	15
>TET2-A1344KLAPDAYNNC	76	>TET2-A1344KLAPDEYNNC	132	56
>TET2-A1344KLAPDAYNNC	22	>TET2-A1344KLAPDEYNNC	23	1
>TET2-A1344KLAPDAYNNC	27	>TET2-A1344KLAPDEYNNC	26	1
>TET2-A1344KLAPDAYNNC	34	>TET2-A1344KLAPDEYNNC	26	8
>TET2-A1344KLAPDAYNNC	43	>TET2-A1344KLAPDEYNNC	46	3
>TET2-A1344KLAPDAYNNC	207	>TET2-A1344KLAPDEYNNC	269	62
>TET2-A1344KLAPDAYNNC	11	>TET2-A1344KLAPDEYNNC	10	1
>TET2-A1344KLAPDAYNNC	120	>TET2-A1344KLAPDEYNNC	242	122
>TET2-A1344KKLAPDAY	6	>TET2-A1344KKLAPDEY	10	4
>TET2-A1344YKKLAPDAY	11	>TET2-A1344YKKLAPDEY	24	13
>TET2-A1344TYKKLAPDAY	170	>TET2-A1344TYKKLAPDEY	310	140
>TET2-A1344TYKKLAPDAY	574	>TET2-A1344TYKKLAPDEY	498	76
>TET2-A1344TYKKLAPDAY	1114	>TET2-A1344TYKKLAPDEY	470	644
>TET2-A1344PTYKKLAPDA	28	>TET2-A1344PTYKKLAPDE'	61	33
>TET2-A1344PTYKKLAPDA	184	>TET2-A1344PTYKKLAPDE'	797	613
>TET2-A1344PTYKKLAPDA	365	>TET2-A1344PTYKKLAPDE'	450	85
>TET2-A1344PTYKKLAPDA	293	>TET2-A1344PTYKKLAPDE'	211	82
>TET2-A1355APECRGL	42	>TET2-A1355PPECRLGL	1033	991
>TET2-A1355RAPECRLGL	30851	>TET2-A1355RPPECRLGL	88	30763
>TET2-A1355RAPECRLGLK	315	>TET2-A1355RPPECRLGLK	5545	5230
>TET2-A1355RAPECRLGLK	393	>TET2-A1355RPPECRLGLK	15295	14902
>TET2-A1355RAPECRLGL	828	>TET2-A1355RPPECRLGL	19	809
>TET2-A1355RAPECRLGL	53	>TET2-A1355RPPECRLGL	1264	1211
>TET2-A1355RAPECRLGL	474	>TET2-A1355RPPECRLGL	622	148
>TET2-A1355HRAPECRLGL	46	>TET2-A1355HRPPECRLGL	186	140
>TET2-A1355HRAPECRLGL	235	>TET2-A1355HRPPECRLGL	1223	988
>TET2-A1355HRAPECRLGL	187	>TET2-A1355HRPPECRLGL	2951	2764
>TET2-A1355HRAPECRLGL	156	>TET2-A1355HRPPECRLGL	118	38
>TET2-A1355HRAPECRLGL	272	>TET2-A1355HRPPECRLGL	344	72
>TET2-A1355HRAPECRLGL	359	>TET2-A1355HRPPECRLGL	747	388
>TET2-A1355EYEHRAPECR	281	>TET2-A1355EYEHRPPECR	294	13
>TET2-A1355IEYEHRAPE	58	>TET2-A1355IEYEHRPPE	67	9
>TET2-A1355IEYEHRAPE	361	>TET2-A1355IEYEHRPPE	184	177
>TET2-A1355IEYEHRAPECF	452	>TET2-A1355IEYEHRPPECF	420	32

>TET2-A1355 NQIEYEHRA	48	>TET2-A1355 NQIEYEHRP	4198	4150
>TET2-A1865 APTHGSILI	461	>TET2-A1865 GPTHGSILI	4327	3866
>TET2-A1865 APTHGSIL	25	>TET2-A1865 GPTHGSIL	73	48
>TET2-A1865 APTHGSILI	375	>TET2-A1865 GPTHGSILI	3977	3602
>TET2-A1865 APTHGSILI	174	>TET2-A1865 GPTHGSILI	279	105
>TET2-A1865 VAPTHGSI	5824	>TET2-A1865 VGPTHGSI	231	5593
>TET2-A1865 VAPTHGSIL	7988	>TET2-A1865 VGPTHGSIL	320	7668
>TET2-A1865 VAPTHGSILI	6374	>TET2-A1865 VGPTHGSILI	255	6119
>TET2-A1865 VAPTHGSIL	5	>TET2-A1865 VGPTHGSIL	21	16
>TET2-A1865 VAPTHGSILI	6	>TET2-A1865 VGPTHGSILI	33	27
>TET2-A1865 VAPTHGSILIE	280	>TET2-A1865 VGPTHGSILIE	3551	3271
>TET2-A1865 VAPTHGSI	249	>TET2-A1865 VGPTHGSI	903	654
>TET2-A1865 VAPTHGSILI	227	>TET2-A1865 VGPTHGSILI	4523	4296
>TET2-A1865 AVAPTHGSI	228	>TET2-A1865 AVGPTHGSI	3731	3503
>TET2-A1865 AVAPTHGSILI	276	>TET2-A1865 AVGPTHGSIL	3926	3650
>TET2-A1865 AVAPTHGSILI	142	>TET2-A1865 AVGPTHGSIL	1519	1377
>TET2-A1865 AVAPTHGSI	183	>TET2-A1865 AVGPTHGSI	483	300
>TET2-A1865 AVAPTHGSILI	153	>TET2-A1865 AVGPTHGSIL	382	229
>TET2-A1865 AVAPTHGSI	438	>TET2-A1865 AVGPTHGSI	11626	11188
>TET2-A1865 AVAPTHGSILI	196	>TET2-A1865 AVGPTHGSIL	7587	7391
>TET2-A1865 AVAPTHGSI	216	>TET2-A1865 AVGPTHGSI	3423	3207
>TET2-A1865 AVAPTHGSI	51	>TET2-A1865 AVGPTHGSI	100	49
>TET2-A1865 AVAPTHGSIL	294	>TET2-A1865 AVGPTHGSIL	1244	950
>TET2-A1865 AVAPTHGSILI	84	>TET2-A1865 AVGPTHGSIL	201	117
>TET2-A1865 VAVAPTHGSI	98	>TET2-A1865 VAVGPTHGSI	340	242
>TET2-A1865 VAVAPTHGSI	128	>TET2-A1865 VAVGPTHGSI	127	1
>TET2-A1865 VAVAPTHGSI	73	>TET2-A1865 VAVGPTHGSI	76	3
>TET2-A1865 VAVAPTHGSI	263	>TET2-A1865 VAVGPTHGSI	291	28
>TET2-A1865 VAVAPTHGSI	550	>TET2-A1865 VAVGPTHGSI	402	148
>TET2-A1865 VAVAPTHGSI	136	>TET2-A1865 VAVGPTHGSI	445	309
>TET2-A1865 GVAVAPTHG	461	>TET2-A1865 GVAVGPTHG	386	75
>TET2-A1865 GVAVAPTHG	236	>TET2-A1865 GVAVGPTHG	233	3
>TET2-A1876 AKRELHATTP	13	>TET2-A1876 GKRELHATTP	53	40
>TET2-A1876 IIECAKREL	599	>TET2-A1876 IIECGKREL	369	230
>TET2-A1876 IIECAKREL	155	>TET2-A1876 IIECGKREL	71	84
>TET2-A1876 ILIECAKREL	79	>TET2-A1876 ILIECGKREL	101	22
>TET2-A1876 ILIECAKREL	183	>TET2-A1876 ILIECGKREL	135	48
>TET2-A1876 ILIECAKREL	29	>TET2-A1876 ILIECGKREL	22	7
>TET2-A1876 ILIECAKREL	61	>TET2-A1876 ILIECGKREL	59	2
>TET2-A1876 ILIECAKREL	13	>TET2-A1876 ILIECGKREL	11	2
>TET2-A1876 ILIECAKR	481	>TET2-A1876 ILIECGKR	958	477
>TET2-A1876 ILIECAKR	111	>TET2-A1876 ILIECGKR	415	304
>TET2-A1876 ILIECAKR	148	>TET2-A1876 ILIECGKR	375	227

>TET2-A1876 SILIECAK	60	>TET2-A1876 SILIECGK	91	31
>TET2-A1876 SILIECAKR	346	>TET2-A1876 SILIECGKR	1158	812
>TET2-A1876 SILIECAKR	238	>TET2-A1876 SILIECGKR	598	360
>TET2-A1876 GSILIECAK	60	>TET2-A1876 GSILIECGK	71	11
>TET2-A1876 GSILIECAKR	163	>TET2-A1876 GSILIECGKR	1011	848
>TET2-A1876 GSILIECAK	416	>TET2-A1876 GSILIECGK	339	77
>TET2-A1876 GSILIECAKR	34	>TET2-A1876 GSILIECGKR	393	359
>TET2-A1876 HGSILIECAKR	414	>TET2-A1876 HGSILIECGKR	917	503
>TET2-A1876 HGSILIECAKR	345	>TET2-A1876 HGSILIECGKR	600	255
>TET2-A1876 AKRELHATTP	13	>TET2-A1876 VKRELHATTP	19	6
>TET2-A1876 CAKRELHA	956	>TET2-A1876 CVKRELHA	245	711
>TET2-A1876 IECAKREL	155	>TET2-A1876 IECVKREL	322	167
>TET2-A1876 ILIECAKREL	540	>TET2-A1876 ILIECVKREL	406	134
>TET2-A1876 ILIECAKREL	79	>TET2-A1876 ILIECVKREL	65	14
>TET2-A1876 ILIECAKREL	183	>TET2-A1876 ILIECVKREL	143	40
>TET2-A1876 ILIECAKREL	29	>TET2-A1876 ILIECVKREL	9	20
>TET2-A1876 ILIECAKREL	61	>TET2-A1876 ILIECVKREL	41	20
>TET2-A1876 ILIECAKREL	586	>TET2-A1876 ILIECVKREL	216	370
>TET2-A1876 ILIECAKREL	852	>TET2-A1876 ILIECVKREL	415	437
>TET2-A1876 ILIECAKREL	13	>TET2-A1876 ILIECVKREL	11	2
>TET2-A1876 ILIECAKR	526	>TET2-A1876 ILIECVKR	424	102
>TET2-A1876 ILIECAKR	481	>TET2-A1876 ILIECVKR	490	9
>TET2-A1876 ILIECAKR	111	>TET2-A1876 ILIECVKR	121	10
>TET2-A1876 ILIECAKR	148	>TET2-A1876 ILIECVKR	89	59
>TET2-A1876 SILIECAKREL	827	>TET2-A1876 SILIECVKREL	491	336
>TET2-A1876 SILIECAK	60	>TET2-A1876 SILIECVK	69	9
>TET2-A1876 SILIECAKR	346	>TET2-A1876 SILIECVKR	348	2
>TET2-A1876 SILIECAKR	238	>TET2-A1876 SILIECVKR	79	159
>TET2-A1876 GSILIECAK	60	>TET2-A1876 GSILIECVK	85	25
>TET2-A1876 GSILIECAKR	534	>TET2-A1876 GSILIECVKR	205	329
>TET2-A1876 GSILIECAKR	163	>TET2-A1876 GSILIECVKR	279	116
>TET2-A1876 GSILIECAK	416	>TET2-A1876 GSILIECVK	523	107
>TET2-A1876 GSILIECAKR	34	>TET2-A1876 GSILIECVKR	44	10
>TET2-A1876 HGSILIECAKR	414	>TET2-A1876 HGSILIECVKR	439	25
>TET2-A1876 HGSILIECAKR	345	>TET2-A1876 HGSILIECVKR	164	181
>TET2-A1882 ATTPLKNPNR	140	>TET2-A1882 PTTPLKNPNR	5098	4958
>TET2-A1882 ATTPLKNPNR	215	>TET2-A1882 PTTPLKNPNR	3536	3321
>TET2-A1882 ATTPLKNPNR	99	>TET2-A1882 PTTPLKNPNR	2067	1968
>TET2-A1882 ATTPLKNPNR	242	>TET2-A1882 PTTPLKNPNR	9164	8922
>TET2-A1882 HATTPLKNPN	206	>TET2-A1882 HPTTPLKNPN	7786	7580
>TET2-A1882 HATTPLKNPN	427	>TET2-A1882 HPTTPLKNPN	3980	3553
>TET2-A1882 HATTPLKNPN	81	>TET2-A1882 HPTTPLKNPN	2121	2040
>TET2-A1882 HATTPLKNPN	567	>TET2-A1882 HPTTPLKNPN	456	111

>TET2-A1882 ELHATTPL	161	>TET2-A1882 ELHPTTPL	277	116
>TET2-A1882 ELHATTPL	213	>TET2-A1882 ELHPTTPL	310	97
>TET2-A1882 ELHATTPL	124	>TET2-A1882 ELHPTTPL	93	31
>TET2-A1882 ELHATTPL	420	>TET2-A1882 ELHPTTPL	309	111
>TET2-A1882 ELHATTPL	23	>TET2-A1882 ELHPTTPL	14	9
>TET2-A1882 ELHATTPLK	118	>TET2-A1882 ELHPTTPLK	174	56
>TET2-A1882 ELHATTPLK	366	>TET2-A1882 ELHPTTPLK	411	45
>TET2-A1882 ELHATTPLK	169	>TET2-A1882 ELHPTTPLK	165	4
>TET2-A1882 ELHATTPLK	24	>TET2-A1882 ELHPTTPLK	46	22
>TET2-A1882 ELHATTPL	208	>TET2-A1882 ELHPTTPL	193	15
>TET2-A1882 ELHATTPL	209	>TET2-A1882 ELHPTTPL	223	14
>TET2-A1882 RELHATTPL	109	>TET2-A1882 RELHPTTPL	1614	1505
>TET2-A1882 RELHATTPLK	159	>TET2-A1882 RELHPTTPLK	425	266
>TET2-A1882 RELHATTPL	312	>TET2-A1882 RELHPTTPL	219	93
>TET2-A1882 RELHATTPL	48	>TET2-A1882 RELHPTTPL	42	6
>TET2-A1882 RELHATTPL	7	>TET2-A1882 RELHPTTPL	10	3
>TET2-A1882 RELHATTPL	12	>TET2-A1882 RELHPTTPL	18	6
>TET2-A1882 RELHATTPL	138	>TET2-A1882 RELHPTTPL	95	43
>TET2-A1882 RELHATTPL	6	>TET2-A1882 RELHPTTPL	9	3
>TET2-A1882 KRELHATTPL	108	>TET2-A1882 KRELHPTTPL	88	20
>TET2-A1882 KRELHATTPL	462	>TET2-A1882 KRELHPTTPL	797	335
>TET2-A1882 KRELHATT	453	>TET2-A1882 KRELHPTT	346	107
>TET2-A1882 KRELHATTPL	79	>TET2-A1882 KRELHPTTPL	80	1
>TET2-A1882 KRELHATTPLI	335	>TET2-A1882 KRELHPTTPLI	384	49
>TET2-A1882 KRELHATTPL	174	>TET2-A1882 KRELHPTTPL	172	2
>TET2-A1882 KRELHATTPLI	65	>TET2-A1882 KRELHPTTPLI	52	13
>TET2-A1882 AKRELHATTP	13	>TET2-A1882 AKRELHPTTP	13	0
>TET2-A308T AAMLNNTCSF	109	>TET2-A308T TAMLNNTCSF	537	428
>TET2-A308T AAMLNNTCSF(	200	>TET2-A308T TAMLNNTCSFC	257	57
>TET2-A308T AAMLNNTCSF(	11	>TET2-A308T TAMLNNTCSFC	10	1
>TET2-A308T AAMLNNTCSF(	67	>TET2-A308T TAMLNNTCSFC	593	526
>TET2-A308T AAMLNNTCSF	108	>TET2-A308T TAMLNNTCSF	419	311
>TET2-A308T AAMLNNTCSF(	235	>TET2-A308T TAMLNNTCSFC	15	220
>TET2-A308T AAMLNNTCSF	66	>TET2-A308T TAMLNNTCSF	134	68
>TET2-A308T AAMLNNTCSF	24	>TET2-A308T TAMLNNTCSF	88	64
>TET2-A308T AAMLNNTCSF	9	>TET2-A308T TAMLNNTCSF	26	17
>TET2-A308T AAMLNNTCSF	255	>TET2-A308T TAMLNNTCSF	71	184
>TET2-A308T AAMLNNTCSF	199	>TET2-A308T TAMLNNTCSF	162	37
>TET2-A308T AAMLNNTCSF(	163	>TET2-A308T TAMLNNTCSFC	491	328
>TET2-A308T LAAMLNNTCSF	5056	>TET2-A308T LTAMLNNTCSF	200	4856
>TET2-A308T LAAMLNNTCSF	603	>TET2-A308T LTAMLNNTCSF	112	491
>TET2-A308T LAAMLNNTCSF	52	>TET2-A308T LTAMLNNTCSF	41	11
>TET2-A308T LAAMLNNTCSF	31	>TET2-A308T LTAMLNNTCSF	63	32



>TET2-A308T LAAMLNTCSF	36	>TET2-A308T LTAMLNTCSF	7	29
>TET2-A308T LAAMLNTCSF	54	>TET2-A308T LTAMLNTCSF	45	9
>TET2-A308T LAAMLNTCSF	2995	>TET2-A308T LTAMLNTCSF	195	2800
>TET2-A308T LAAMLNTCSF	191	>TET2-A308T LTAMLNTCSF	18	173
>TET2-A308T LAAMLNTCSF	1075	>TET2-A308T LTAMLNTCSF	49	1026
>TET2-A308T KLAAMLNT	159	>TET2-A308T KLTAMLNT	951	792
>TET2-A308T KLAAMLNT	36	>TET2-A308T KLTAMLNT	378	342
>TET2-A308T KLAAMLNTC	192	>TET2-A308T KLTAMLNTC	1477	1285
>TET2-A308T KLAAMLNTC	95	>TET2-A308T KLTAMLNTC	803	708
>TET2-A308T KLAAMLNT	34	>TET2-A308T KLTAMLNT	300	266
>TET2-A308T KLAAMLNTC	116	>TET2-A308T KLTAMLNTC	1200	1084
>TET2-A308T KLAAMLNTC	432	>TET2-A308T KLTAMLNTC	3278	2846
>TET2-A308T KLAAMLNT	373	>TET2-A308T KLTAMLNT	1158	785
>TET2-A308T KLAAMLNTC	280	>TET2-A308T KLTAMLNTC	915	635
>TET2-A308T KLAAMLNTC	186	>TET2-A308T KLTAMLNTC	535	349
>TET2-A308T KLAAMLNTC	215	>TET2-A308T KLTAMLNTC	542	327
>TET2-A308T KLAAMLNTC	172	>TET2-A308T KLTAMLNTC	309	137
>TET2-A308T KLAAMLNT	172	>TET2-A308T KLTAMLNT	220	48
>TET2-A308T KLAAMLNTC	28	>TET2-A308T KLTAMLNTC	32	4
>TET2-A308T KLAAMLNTC	445	>TET2-A308T KLTAMLNTC	906	461
>TET2-A308T KLAAMLNTC	12	>TET2-A308T KLTAMLNTC	16	4
>TET2-A308T KLAAMLNTC	45	>TET2-A308T KLTAMLNTC	204	159
>TET2-A308T KLAAMLNTC	36	>TET2-A308T KLTAMLNTC	75	39
>TET2-A308T KLAAMLNTC	285	>TET2-A308T KLTAMLNTC	440	155
>TET2-A308T KLAAMLNTC	111	>TET2-A308T KLTAMLNTC	230	119
>TET2-A308T ASKLAAML	117	>TET2-A308T ASKLTAML	76	41
>TET2-A308T ASKLAAMLN	325	>TET2-A308T ASKLTAMLN	326	1
>TET2-A308T ASKLAAMLN	190	>TET2-A308T ASKLTAMLN	208	18
>TET2-A308T ASKLAAML	13	>TET2-A308T ASKLTAML	16	3
>TET2-A308T ASKLAAML	49	>TET2-A308T ASKLTAML	69	20
>TET2-A308T NASKLAAML	1468	>TET2-A308T NASKLTAML	464	1004
>TET2-A308T NASKLAAML	468	>TET2-A308T NASKLTAML	120	348
>TET2-A308T NASKLAAML	560	>TET2-A308T NASKLTAML	301	259
>TET2-A308T NASKLAAM	62	>TET2-A308T NASKLTAM	47	15
>TET2-A308T DNASKLAAM	286	>TET2-A308T DNASKLTAM	1661	1375
>TET2-A308T ADNASKLAAM	170	>TET2-A308T ADNASKLTAM	193	23
>TET2-A308T DADNASKLAAM	283	>TET2-A308T DADNASKLTAM	269	14
>TET2-C1193 CPIAKWVV	2182	>TET2-C1193 FPIAKWVV	203	1979
>TET2-C1193 CPIAKWVVRF	2092	>TET2-C1193 FPIAKWVVRF	442	1650
>TET2-C1193 CPIAKWVV	812	>TET2-C1193 FPIAKWVV	108	704
>TET2-C1193 CPIAKWVV	2358	>TET2-C1193 FPIAKWVV	310	2048
>TET2-C1193 CPIAKWVV	2808	>TET2-C1193 FPIAKWVV	366	2442
>TET2-C1193 CPIAKWVV	1966	>TET2-C1193 FPIAKWVV	81	1885

>TET2-C1193 CPIAKWVV	945	>TET2-C1193 FPIAKWVV	258	687
>TET2-C1193 CPIAKWVV	540	>TET2-C1193 FPIAKWVV	94	446
>TET2-C1193 CPIAKWVV	25	>TET2-C1193 FPIAKWVV	7	18
>TET2-C1193 CPIAKWVVR	635	>TET2-C1193 FPIAKWVVR	36	599
>TET2-C1193 CPIAKWVVRF	678	>TET2-C1193 FPIAKWVVRF	49	629
>TET2-C1193 CPIAKWVV	4082	>TET2-C1193 FPIAKWVV	498	3584
>TET2-C1193 CPIAKWVVR	160	>TET2-C1193 FPIAKWVVR	336	176
>TET2-C1193 CPIAKWVVRF	181	>TET2-C1193 FPIAKWVVRF	429	248
>TET2-C1193 GCPIAKWVVI	3131	>TET2-C1193 GFPIAKWVVI	386	2745
>TET2-C1193 GCPIAKWVVI	6535	>TET2-C1193 GFPIAKWVVI	224	6311
>TET2-C1193 GCPIAKWVVI	968	>TET2-C1193 GFPIAKWVVI	134	834
>TET2-C1193 GCPIAKWVVI	857	>TET2-C1193 GFPIAKWVVI	146	711
>TET2-C1193 TGKEGKSSQC	24063	>TET2-C1193 TGKEGKSSQC	464	23599
>TET2-C1193 QGCPIAKWV'	984	>TET2-C1193 QGFPIAKWV'	355	629
>TET2-C1193 QGCPIAKWV'	2347	>TET2-C1193 QGFPIAKWV'	242	2105
>TET2-C1193 QGCPIAKW	124	>TET2-C1193 QGFPIAKW	33	91
>TET2-C1193 QGCPIAKW	2127	>TET2-C1193 QGFPIAKW	101	2026
>TET2-C1193 QGCPIAKW	1221	>TET2-C1193 QGFPIAKW	151	1070
>TET2-C1193 QGCPIAKWV'	111	>TET2-C1193 QGFPIAKWV'	51	60
>TET2-C1193 SQGCPIAKW\	36	>TET2-C1193 SQGFPIAKW\	62	26
>TET2-C1193 SQGCPIAKW\	103	>TET2-C1193 SQGFPIAKW\	177	74
>TET2-C1193 SQGCPIAKW\	28	>TET2-C1193 SQGFPIAKW\	47	19
>TET2-C1193 SQGCPIAKW\	33	>TET2-C1193 SQGFPIAKW\	144	111
>TET2-C1193 SQGCPIAKW\	105	>TET2-C1193 SQGFPIAKW\	103	2
>TET2-C1193 SQGCPIAK	85	>TET2-C1193 SQGFPIAK	33	52
>TET2-C1193 SSQGCPIAK	13	>TET2-C1193 SSQGFPIAK	7	6
>TET2-C1193 SSQGCPIAK	222	>TET2-C1193 SSQGFPIAK	44	178
>TET2-C1193 SSQGCPIAKM	2113	>TET2-C1193 SSQGFPIAKM	405	1708
>TET2-C1193 SSQGCPIAKM	13	>TET2-C1193 SSQGFPIAKM	11	2
>TET2-C1193 SSQGCPIAKM	1149	>TET2-C1193 SSQGFPIAKM	434	715
>TET2-C1193 SSQGCPIAKM	60	>TET2-C1193 SSQGFPIAKM	43	17
>TET2-C1193 SSQGCPIAKM	29	>TET2-C1193 SSQGFPIAKM	24	5
>TET2-C1193 SSQGCPIAKM	1492	>TET2-C1193 SSQGFPIAKM	448	1044
>TET2-C1193 SSQGCPIAKM	472	>TET2-C1193 SSQGFPIAKM	500	28
>TET2-C1193 SSQGCPIAK	149	>TET2-C1193 SSQGFPIAK	74	75
>TET2-C1193 KSSQGCPI	3574	>TET2-C1193 KSSQGFPI	482	3092
>TET2-C1193 KSSQGCPIAK	116	>TET2-C1193 KSSQGFPIAK	92	24
>TET2-C1193 KSSQGCPIAK	19	>TET2-C1193 KSSQGFPIAK	12	7
>TET2-C1193 KSSQGCPI	322	>TET2-C1193 KSSQGFPI	239	83
>TET2-C1193 KSSQGCPIA	1092	>TET2-C1193 KSSQGFPIA	244	848
>TET2-C1193 KSSQGCPIAK	25	>TET2-C1193 KSSQGFPIAK	10	15
>TET2-C1193 KSSQGCPIAK	370	>TET2-C1193 KSSQGFPIAK	190	180
>TET2-C1193 KSSQGCPI	262	>TET2-C1193 KSSQGFPI	85	177

>TET2-C1193 KSSQGCPI	15	>TET2-C1193 KSSQGFPI	16	1
>TET2-C1193 KSSQGCPIAK'	7	>TET2-C1193 KSSQGFPIAK\	6	1
>TET2-C1193 KSSQGCPIAK'	45	>TET2-C1193 KSSQGFPIAK\	40	5
>TET2-C1193 KSSQGCPI	104	>TET2-C1193 KSSQGFPI	43	61
>TET2-C1193 KSSQGCPIAK'	9	>TET2-C1193 KSSQGFPIAK\	8	1
>TET2-C1193 KSSQGCPIAK'	307	>TET2-C1193 KSSQGFPIAK\	313	6
>TET2-C1193 KSSQGCPIAK'	674	>TET2-C1193 KSSQGFPIAK\	461	213
>TET2-C1193 KSSQGCPIAK	353	>TET2-C1193 KSSQGFPIAK	139	214
>TET2-C1193 KSSQGCPI	50	>TET2-C1193 KSSQGFPI	26	24
>TET2-C1193 GKSSQGCPI	73	>TET2-C1193 GKSSQGFPI	94	21
>TET2-C1193 KEGKSSQGC	71	>TET2-C1193 KEGKSSQGF	151	80
>TET2-C1193 KEGKSSQGC	19090	>TET2-C1193 KEGKSSQGF	332	18758
>TET2-C1193 KEGKSSQGC	17044	>TET2-C1193 KEGKSSQGF	74	16970
>TET2-C1193 KEGKSSQGC	362	>TET2-C1193 KEGKSSQGF	139	223
>TET2-C1193 KEGKSSQGC	80	>TET2-C1193 KEGKSSQGF	103	23
>TET2-C1193 KEGKSSQGC	2609	>TET2-C1193 KEGKSSQGF	141	2468
>TET2-C1193 KEGKSSQGC	8792	>TET2-C1193 KEGKSSQGF	205	8587
>TET2-C1193 KEGKSSQGC	1577	>TET2-C1193 KEGKSSQGF	265	1312
>TET2-C1193 KEGKSSQGC	26	>TET2-C1193 KEGKSSQGF	17	9
>TET2-C1193 CPIAKWVV	812	>TET2-C1193 WPIAKWVV	177	635
>TET2-C1193 CPIAKWVV	2808	>TET2-C1193 WPIAKWVV	416	2392
>TET2-C1193 CPIAKWVV	1966	>TET2-C1193 WPIAKWVV	118	1848
>TET2-C1193 CPIAKWVV	540	>TET2-C1193 WPIAKWVV	317	223
>TET2-C1193 CPIAKWVV	25	>TET2-C1193 WPIAKWVV	21	4
>TET2-C1193 CPIAKWVVR	635	>TET2-C1193 WPIAKWVVR	396	239
>TET2-C1193 CPIAKWVVR	678	>TET2-C1193 WPIAKWVVR	495	183
>TET2-C1193 CPIAKWVV	4082	>TET2-C1193 WPIAKWVV	276	3806
>TET2-C1193 CPIAKWVVR	160	>TET2-C1193 WPIAKWVVR	147	13
>TET2-C1193 CPIAKWVVR	181	>TET2-C1193 WPIAKWVVR	194	13
>TET2-C1193 GCPIAKWVVI	968	>TET2-C1193 GWPIAKWV\	27	941
>TET2-C1193 GCPIAKWVVI	857	>TET2-C1193 GWPIAKWV\	28	829
>TET2-C1193 GCPIAKWVV	38815	>TET2-C1193 GWPIAKWV\	488	38327
>TET2-C1193 TGKEGKSSQC	27761	>TET2-C1193 TGKEGKSSQC	383	27378
>TET2-C1193 QGCPIAKWV'	984	>TET2-C1193 QGWPIAKW\	238	746
>TET2-C1193 QGCPIAKW	124	>TET2-C1193 QGWPIAKW	40	84
>TET2-C1193 QGCPIAKW	2127	>TET2-C1193 QGWPIAKW	121	2006
>TET2-C1193 QGCPIAKW	1221	>TET2-C1193 QGWPIAKW	259	962
>TET2-C1193 QGCPIAKWV'	111	>TET2-C1193 QGWPIAKW\	32	79
>TET2-C1193 SQGCPIAKW\	36	>TET2-C1193 SQGWPIAKW	25	11
>TET2-C1193 SQGCPIAKW\	103	>TET2-C1193 SQGWPIAKW	37	66
>TET2-C1193 SQGCPIAKW\	28	>TET2-C1193 SQGWPIAKW	12	16
>TET2-C1193 SQGCPIAKW\	33	>TET2-C1193 SQGWPIAKW	122	89
>TET2-C1193 SQGCPIAKW\	860	>TET2-C1193 SQGWPIAKW	148	712

>TET2-C1193 SQGCPIAKW\	105	>TET2-C1193 SQGWPIAKW	23	82
>TET2-C1193 SQGCPIAKW\	2209	>TET2-C1193 SQGWPIAKW	225	1984
>TET2-C1193 SQGCPIAKW\	974	>TET2-C1193 SQGWPIAKW	64	910
>TET2-C1193 SQGCPIAK	85	>TET2-C1193 SQGWPIAK	30	55
>TET2-C1193 SSQGCPIAK	13	>TET2-C1193 SSQGWPIAK	9	4
>TET2-C1193 SSQGCPIAK	222	>TET2-C1193 SSQGWPIAK	143	79
>TET2-C1193 SSQGCPIAK\	13	>TET2-C1193 SSQGWPIAK\	11	2
>TET2-C1193 SSQGCPIAK\	60	>TET2-C1193 SSQGWPIAK\	51	9
>TET2-C1193 SSQGCPIAK\	29	>TET2-C1193 SSQGWPIAK\	20	9
>TET2-C1193 SSQGCPIAK\	472	>TET2-C1193 SSQGWPIAK\	519	47
>TET2-C1193 SSQGCPIAK	149	>TET2-C1193 SSQGWPIAK	94	55
>TET2-C1193 KSSQGCPIAK	116	>TET2-C1193 KSSQGWPIAK	142	26
>TET2-C1193 KSSQGCPIAK	19	>TET2-C1193 KSSQGWPIAK	18	1
>TET2-C1193 KSSQGCPI	322	>TET2-C1193 KSSQGWPI	264	58
>TET2-C1193 KSSQGCPIA	1092	>TET2-C1193 KSSQGWPIA	62	1030
>TET2-C1193 KSSQGCPIAK	25	>TET2-C1193 KSSQGWPIAK	9	16
>TET2-C1193 KSSQGCPIAK	370	>TET2-C1193 KSSQGWPIAK	360	10
>TET2-C1193 KSSQGCPI	262	>TET2-C1193 KSSQGWPI	241	21
>TET2-C1193 KSSQGCPI	15	>TET2-C1193 KSSQGWPI	15	0
>TET2-C1193 KSSQGCPIAK'	7	>TET2-C1193 KSSQGWPIAK'	6	1
>TET2-C1193 KSSQGCPIAK'	45	>TET2-C1193 KSSQGWPIAK'	37	8
>TET2-C1193 KSSQGCPI	104	>TET2-C1193 KSSQGWPI	42	62
>TET2-C1193 KSSQGCPIAK'	9	>TET2-C1193 KSSQGWPIAK'	8	1
>TET2-C1193 KSSQGCPIAK'	307	>TET2-C1193 KSSQGWPIAK'	498	191
>TET2-C1193 KSSQGCPIAK'	674	>TET2-C1193 KSSQGWPIAK'	269	405
>TET2-C1193 KSSQGCPIAK	353	>TET2-C1193 KSSQGWPIAK	153	200
>TET2-C1193 KSSQGCPI	50	>TET2-C1193 KSSQGWPI	37	13
>TET2-C1193 GKSSQGCPI	73	>TET2-C1193 GKSSQGWPI	97	24
>TET2-C1193 KEGKSSQGCF	71	>TET2-C1193 KEGKSSQGW	204	133
>TET2-C1193 KEGKSSQGCF	362	>TET2-C1193 KEGKSSQGW	200	162
>TET2-C1193 KEGKSSQGCF	80	>TET2-C1193 KEGKSSQGW	99	19
>TET2-C1193 KEGKSSQGC	2609	>TET2-C1193 KEGKSSQGW	60	2549
>TET2-C1193 KEGKSSQGC	8792	>TET2-C1193 KEGKSSQGW	59	8733
>TET2-C1193 KEGKSSQGCF	1577	>TET2-C1193 KEGKSSQGW	285	1292
>TET2-C1193 KEGKSSQGCF	26	>TET2-C1193 KEGKSSQGW	27	1
>TET2-C1211 CLVRERAGHT	4903	>TET2-C1211 YLVRERAGHT	395	4508
>TET2-C1211 CLVRERAGHT	3437	>TET2-C1211 YLVRERAGHT	56	3381
>TET2-C1211 CLVRERAGHT	2396	>TET2-C1211 YLVRERAGHT	76	2320
>TET2-C1211 CLVRERAGHT	5665	>TET2-C1211 YLVRERAGHT	66	5599
>TET2-C1211 CLVRERAGHT	356	>TET2-C1211 YLVRERAGHT	5	351
>TET2-C1211 RRSSEEKLLC	26044	>TET2-C1211 RRSSEEKLLY	186	25858
>TET2-C1211 RRSSEEKLLC	3249	>TET2-C1211 RRSSEEKLLY	43	3206
>TET2-C1211 RRSSEEKLLC	2713	>TET2-C1211 RRSSEEKLLY	145	2568

>TET2-C1211 RRSSEEKLLC	329	>TET2-C1211 RRSSEEKLLY	205	124
>TET2-C1211 LLCLVRERA	1417	>TET2-C1211 LLYLVRERA	397	1020
>TET2-C1211 LLCLVRERA	2584	>TET2-C1211 LLYLVRERA	212	2372
>TET2-C1211 LLCLVRERA	797	>TET2-C1211 LLYLVRERA	49	748
>TET2-C1211 LLCLVRERA	8355	>TET2-C1211 LLYLVRERA	419	7936
>TET2-C1211 LLCLVRERA	166	>TET2-C1211 LLYLVRERA	39	127
>TET2-C1211 LLCLVRER	8430	>TET2-C1211 LLYLVRER	413	8017
>TET2-C1211 LLCLVRER	203	>TET2-C1211 LLYLVRER	65	138
>TET2-C1211 LLCLVRER	244	>TET2-C1211 LLYLVRER	221	23
>TET2-C1211 LLCLVRER	630	>TET2-C1211 LLYLVRER	196	434
>TET2-C1211 KLLCLVRERA	352	>TET2-C1211 KLLYLVRERA	311	41
>TET2-C1211 KLLCLVRERA	222	>TET2-C1211 KLLYLVRERA	206	16
>TET2-C1211 KLLCLVRERA	714	>TET2-C1211 KLLYLVRERA	490	224
>TET2-C1211 KLLCLVRERA	19	>TET2-C1211 KLLYLVRERA	73	54
>TET2-C1211 KLLCLVRERA	170	>TET2-C1211 KLLYLVRERA	766	596
>TET2-C1211 KLLCLVRERA	141	>TET2-C1211 KLLYLVRERA	218	77
>TET2-C1211 KLLCLVRERA	300	>TET2-C1211 KLLYLVRERA	366	66
>TET2-C1211 KLLCLVRER	41	>TET2-C1211 KLLYLVRER	18	23
>TET2-C1211 KLLCLVRER	38	>TET2-C1211 KLLYLVRER	102	64
>TET2-C1211 EKLLCLVR	236	>TET2-C1211 EKLLYLVR	406	170
>TET2-C1211 EEKLLCLV	15	>TET2-C1211 EEKLLYLV	12	3
>TET2-C1211 EEKLLCLV	292	>TET2-C1211 EEKLLYLV	178	114
>TET2-C1211 EEKLLCLV	210	>TET2-C1211 EEKLLYLV	40	170
>TET2-C1211 EEKLLCLV	878	>TET2-C1211 EEKLLYLV	428	450
>TET2-C1211 EEKLLCLVR	724	>TET2-C1211 EEKLLYLVR	351	373
>TET2-C1211 SEEKLLCL	49	>TET2-C1211 SEEKLLYL	63	14
>TET2-C1211 SEEKLLCLV	16	>TET2-C1211 SEEKLLYLV	13	3
>TET2-C1211 SEEKLLCL	144	>TET2-C1211 SEEKLLYL	55	89
>TET2-C1211 SEEKLLCLV	861	>TET2-C1211 SEEKLLYLV	394	467
>TET2-C1211 SEEKLLCL	216	>TET2-C1211 SEEKLLYL	239	23
>TET2-C1211 SEEKLLCLV	708	>TET2-C1211 SEEKLLYLV	268	440
>TET2-C1211 SEEKLLCLV	1218	>TET2-C1211 SEEKLLYLV	70	1148
>TET2-C1211 SEEKLLCLVR	557	>TET2-C1211 SEEKLLYLVR	161	396
>TET2-C1211 SEEKLLCLV	10	>TET2-C1211 SEEKLLYLV	10	0
>TET2-C1211 SEEKLLCLVR	617	>TET2-C1211 SEEKLLYLVR	318	299
>TET2-C1211 SSEEKLLC	11720	>TET2-C1211 SSEEKLLY	10	11710
>TET2-C1211 SSEEKLLCLV	1430	>TET2-C1211 SSEEKLLYLV	367	1063
>TET2-C1211 SSEEKLLC	25550	>TET2-C1211 SSEEKLLY	276	25274
>TET2-C1211 SSEEKLLC	28541	>TET2-C1211 SSEEKLLY	492	28049
>TET2-C1211 SSEEKLLCLVR	1531	>TET2-C1211 SSEEKLLYLVR	417	1114
>TET2-C1211 SSEEKLLC	24693	>TET2-C1211 SSEEKLLY	204	24489
>TET2-C1211 SSEEKLLC	17692	>TET2-C1211 SSEEKLLY	28	17664
>TET2-C1211 SSEEKLLCL	711	>TET2-C1211 SSEEKLLYL	67	644

>TET2-C1211 SSEEKLLCL	4468	>TET2-C1211 SSEEKLLYL	431	4037
>TET2-C1211 SSEEKLLC	39391	>TET2-C1211 SSEEKLLY	436	38955
>TET2-C1211 SSSEEKLLC	15224	>TET2-C1211 SSSEEKLLY	17	15207
>TET2-C1211 SSSEEKLLCL	2267	>TET2-C1211 SSSEEKLLYL	203	2064
>TET2-C1211 SSSEEKLLCLV	706	>TET2-C1211 SSSEEKLLYLV	207	499
>TET2-C1211 SSSEEKLLCLV	595	>TET2-C1211 SSSEEKLLYLV	377	218
>TET2-C1211 SSSEEKLLC	20498	>TET2-C1211 SSSEEKLLY	193	20305
>TET2-C1211 SSSEEKLLC	23182	>TET2-C1211 SSSEEKLLY	47	23135
>TET2-C1211 SSSEEKLLC	25468	>TET2-C1211 SSSEEKLLY	143	25325
>TET2-C1211 SSSEEKLLCLV	845	>TET2-C1211 SSSEEKLLYLV	182	663
>TET2-C1211 SSSEEKLLC	24880	>TET2-C1211 SSSEEKLLY	55	24825
>TET2-C1211 SSSEEKLLC	17512	>TET2-C1211 SSSEEKLLY	32	17480
>TET2-C1211 SSSEEKLLCL	595	>TET2-C1211 SSSEEKLLYL	99	496
>TET2-C1211 SSSEEKLLCL	3349	>TET2-C1211 SSSEEKLLYL	361	2988
>TET2-C1211 SSSEEKLLC	17118	>TET2-C1211 SSSEEKLLY	136	16982
>TET2-C1211 SSSEEKLLCL	514	>TET2-C1211 SSSEEKLLYL	120	394
>TET2-C1211 SSSEEKLLC	39435	>TET2-C1211 SSSEEKLLY	451	38984
>TET2-C1211 RSSSEEKLLC	29837	>TET2-C1211 RSSSEEKLLY	152	29685
>TET2-C1211 RSSSEEKLLC	32582	>TET2-C1211 RSSSEEKLLY	159	32423
>TET2-C1211 RSSSEEKLLC	29590	>TET2-C1211 RSSSEEKLLY	172	29418
>TET2-C1211 RSSSEEKLLC	22244	>TET2-C1211 RSSSEEKLLY	109	22135
>TET2-C1211 RSSSEEKLLC	25829	>TET2-C1211 RSSSEEKLLY	80	25749
>TET2-C1211 RSSSEEKLLC	14291	>TET2-C1211 RSSSEEKLLY	280	14011
>TET2-C1211 RSSSEEKLLC	8890	>TET2-C1211 RSSSEEKLLY	6	8884
>TET2-C1211 RSSSEEKLLCL	52	>TET2-C1211 RSSSEEKLLYL	14	38
>TET2-C1211 RSSSEEKLLC	16608	>TET2-C1211 RSSSEEKLLY	204	16404
>TET2-C1211 RSSSEEKLLC	5161	>TET2-C1211 RSSSEEKLLY	48	5113
>TET2-C1211 RSSSEEKLLCL	885	>TET2-C1211 RSSSEEKLLYL	96	789
>TET2-C1211 RSSSEEKLLCL	3582	>TET2-C1211 RSSSEEKLLYL	455	3127
>TET2-C1211 RSSSEEKLLC	3074	>TET2-C1211 RSSSEEKLLY	25	3049
>TET2-C1211 RSSSEEKLLCL	1448	>TET2-C1211 RSSSEEKLLYL	390	1058
>TET2-C1211 RSSSEEKLLCL	649	>TET2-C1211 RSSSEEKLLYL	461	188
>TET2-C1263 RCALNEER	185	>TET2-C1263 RGALNEER	489	304
>TET2-C1263 RRCALNEER	336	>TET2-C1263 RRGALNEER	179	157
>TET2-C1263 RRCALNEERT	107	>TET2-C1263 RRGALNEERT	137	30
>TET2-C1263 RRCALNEE	163	>TET2-C1263 RRGALNEE	220	57
>TET2-C1263 RRCALNEER	348	>TET2-C1263 RRGALNEER	456	108
>TET2-C1263 RRCALNEERT	283	>TET2-C1263 RRGALNEERT	386	103
>TET2-C1263 RRCALNEERT	291	>TET2-C1263 RRGALNEERT	377	86
>TET2-C1263 RRCALNEE	297	>TET2-C1263 RRGALNEE	456	159
>TET2-C1263 RRCALNEER	405	>TET2-C1263 RRGALNEER	1096	691
>TET2-C1263 RRCALNEERT	230	>TET2-C1263 RRGALNEERT	282	52
>TET2-C1263 RRCALNEERT	495	>TET2-C1263 RRGALNEERT	1298	803

>TET2-C1263 RRCALNEER	170	>TET2-C1263 RRGALNEER	146	24
>TET2-C1263 LTNRRCAL	282	>TET2-C1263 LTNRRGAL	1352	1070
>TET2-C1263 LTNRRCAL	106	>TET2-C1263 LTNRRGAL	172	66
>TET2-C1263 TLTNRRCA	358	>TET2-C1263 TLTNRRGA	214	144
>TET2-C1263 TLTNRRCAL	8	>TET2-C1263 TLTNRRGAL	109	101
>TET2-C1263 TLTNRRCAL	31	>TET2-C1263 TLTNRRGAL	151	120
>TET2-C1263 GTLTNRRCAL	272	>TET2-C1263 GTLTNRRGAL	505	233
>TET2-C1263 RCALNEER	23406	>TET2-C1263 RRALNEER	105	23301
>TET2-C1263 RCALNEERTC	23660	>TET2-C1263 RRALNEERTC	366	23294
>TET2-C1263 RCALNEER	17975	>TET2-C1263 RRALNEER	128	17847
>TET2-C1263 RCALNEER	185	>TET2-C1263 RRALNEER	670	485
>TET2-C1263 RKYGTLNRR	1327	>TET2-C1263 RKYGTLNRR	261	1066
>TET2-C1263 RKYGTLNRR	7637	>TET2-C1263 RKYGTLNRR	417	7220
>TET2-C1263 RKYGTLNRR	36144	>TET2-C1263 RKYGTLNRR	169	35975
>TET2-C1263 RRCALNEER	336	>TET2-C1263 RRRALNEER	90	246
>TET2-C1263 RRCALNEERT	107	>TET2-C1263 RRRALNEERT	51	56
>TET2-C1263 RRCALNEE	163	>TET2-C1263 RRRALNEE	96	67
>TET2-C1263 RRCALNEER	348	>TET2-C1263 RRRALNEER	75	273
>TET2-C1263 RRCALNEERT	283	>TET2-C1263 RRRALNEERT	66	217
>TET2-C1263 RRCALNEERT	291	>TET2-C1263 RRRALNEERT	70	221
>TET2-C1263 RRCALNEE	297	>TET2-C1263 RRRALNEE	497	200
>TET2-C1263 RRCALNEER	405	>TET2-C1263 RRRALNEER	343	62
>TET2-C1263 RRCALNEERT	230	>TET2-C1263 RRRALNEERT	92	138
>TET2-C1263 RRCALNEERT	495	>TET2-C1263 RRRALNEERT	407	88
>TET2-C1263 RRCALNEER	170	>TET2-C1263 RRRALNEER	537	367
>TET2-C1263 LTNRRCAL	282	>TET2-C1263 LTNRRRAL	255	27
>TET2-C1263 LTNRRCAL	106	>TET2-C1263 LTNRRRAL	278	172
>TET2-C1263 TLTNRRCA	358	>TET2-C1263 TLTNRRRA	205	153
>TET2-C1263 TLTNRRCAL	8	>TET2-C1263 TLTNRRRAL	161	153
>TET2-C1263 TLTNRRCAL	31	>TET2-C1263 TLTNRRRAL	51	20
>TET2-C1263 GTLTNRRC	20777	>TET2-C1263 GTLTNRRR	141	20636
>TET2-C1263 GTLTNRRCAL	272	>TET2-C1263 GTLTNRRRAL	397	125
>TET2-C1263 GTLTNRRC	18105	>TET2-C1263 GTLTNRRR	337	17768
>TET2-C1263 KYGTLNRRC	24028	>TET2-C1263 KYGTLNRRR	63	23965
>TET2-C1263 KYGTLNRRC	12905	>TET2-C1263 KYGTLNRRR	11	12894
>TET2-C1271 RRCALNEERT	291	>TET2-C1271 RRCALNEERT	274	17
>TET2-C1271 RRCALNEERT	495	>TET2-C1271 RRCALNEERT	1210	715
>TET2-C1271 RRCALNEERT	30024	>TET2-C1271 RRCALNEERT	73	29951
>TET2-C1271 RTCACQGL	8224	>TET2-C1271 RTWACQGL	416	7808
>TET2-C1271 RTCACQGL	4785	>TET2-C1271 RTWACQGL	445	4340
>TET2-C1271 RTCACQGL	920	>TET2-C1271 RTWACQGL	107	813
>TET2-C1271 RTCACQGL	7	>TET2-C1271 RTWACQGL	4	3
>TET2-C1271 RTCACQGL	7810	>TET2-C1271 RTWACQGL	402	7408

>TET2-C1271 RTCACQGL	253	>TET2-C1271 RTWACQGL	230	23
>TET2-C1271 RTCACQGL	116	>TET2-C1271 RTWACQGL	39	77
>TET2-C1271 EERTCACQGL	285	>TET2-C1271 EERTWACQG	190	95
>TET2-C1271 EERTCACQGL	97	>TET2-C1271 EERTWACQG	63	34
>TET2-C1271 NEERTCACQGL	50	>TET2-C1271 NEERTWACQ	55	5
>TET2-C1271 NEERTCACQGL	359	>TET2-C1271 NEERTWACQ	163	196
>TET2-C1271 NEERTCAC	2042	>TET2-C1271 NEERTWAC	256	1786
>TET2-C1271 ALNEERTCA	233	>TET2-C1271 ALNEERTWA	53	180
>TET2-C1271 ALNEERTCA	116	>TET2-C1271 ALNEERTWA	17	99
>TET2-C1271 ALNEERTC	253	>TET2-C1271 ALNEERTW	11153	10900
>TET2-C1271 ALNEERTCA	982	>TET2-C1271 ALNEERTWA	233	749
>TET2-C1271 ALNEERTCAC	94	>TET2-C1271 ALNEERTWA	32	62
>TET2-C1271 ALNEERTCAC	469	>TET2-C1271 ALNEERTWA	129	340
>TET2-C1271 ALNEERTCA	286	>TET2-C1271 ALNEERTWA	254	32
>TET2-C1271 ALNEERTC	70	>TET2-C1271 ALNEERTW	7591	7521
>TET2-C1271 ALNEERTCA	25	>TET2-C1271 ALNEERTWA	7	18
>TET2-C1271 ALNEERTCAC	15	>TET2-C1271 ALNEERTWA	7	8
>TET2-C1271 ALNEERTCAC	169	>TET2-C1271 ALNEERTWA	130	39
>TET2-C1271 CALNEERTC	26907	>TET2-C1271 CALNEERTW	136	26771
>TET2-C1271 CALNEERTC	27816	>TET2-C1271 CALNEERTW	52	27764
>TET2-C1271 CALNEERTC	21915	>TET2-C1271 CALNEERTW	51	21864
>TET2-C1271 CALNEERTC	21584	>TET2-C1271 CALNEERTW	234	21350
>TET2-C1271 CALNEERTC	25391	>TET2-C1271 CALNEERTW	118	25273
>TET2-C1271 CALNEERTC	28598	>TET2-C1271 CALNEERTW	207	28391
>TET2-C1273 CQGLDPETCC	4986	>TET2-C1273 FQGLDPETCC	80	4906
>TET2-C1273 CALNEERTCA	12646	>TET2-C1273 CALNEERTCA	64	12582
>TET2-C1273 CALNEERTCA	26079	>TET2-C1273 CALNEERTCA	311	25768
>TET2-C1273 CALNEERTCA	10788	>TET2-C1273 CALNEERTCA	63	10725
>TET2-C1273 RTCACQGL	12473	>TET2-C1273 RTCAFQGL	460	12013
>TET2-C1273 RTCACQGL	1510	>TET2-C1273 RTCAFQGL	368	1142
>TET2-C1273 RTCACQGL	920	>TET2-C1273 RTCAFQGL	183	737
>TET2-C1273 RTCACQGL	7	>TET2-C1273 RTCAFQGL	8	1
>TET2-C1273 RTCACQGL	253	>TET2-C1273 RTCAFQGL	439	186
>TET2-C1273 RTCACQGL	116	>TET2-C1273 RTCAFQGL	81	35
>TET2-C1273 EERTCACQGL	285	>TET2-C1273 EERTCAFQGL	590	305
>TET2-C1273 EERTCACQGL	653	>TET2-C1273 EERTCAFQGL	264	389
>TET2-C1273 EERTCACQGL	97	>TET2-C1273 EERTCAFQGL	142	45
>TET2-C1273 NEERTCACQ	1259	>TET2-C1273 NEERTCAFQ	157	1102
>TET2-C1273 NEERTCACQ	50	>TET2-C1273 NEERTCAFQ	67	17
>TET2-C1273 NEERTCAC	7987	>TET2-C1273 NEERTCAF	61	7926
>TET2-C1273 NEERTCACQ	359	>TET2-C1273 NEERTCAFQ	158	201
>TET2-C1273 NEERTCAC	6752	>TET2-C1273 NEERTCAF	436	6316
>TET2-C1273 NEERTCAC	13994	>TET2-C1273 NEERTCAF	492	13502



>TET2-C1273 NEERTCACQC	851	>TET2-C1273 NEERTCAFQC	242	609
>TET2-C1273 ALNEERTCAC	2356	>TET2-C1273 ALNEERTCAF	458	1898
>TET2-C1273 ALNEERTCAC	94	>TET2-C1273 ALNEERTCAF	738	644
>TET2-C1273 ALNEERTCAC	469	>TET2-C1273 ALNEERTCAF	3757	3288
>TET2-C1273 ALNEERTCAC	15	>TET2-C1273 ALNEERTCAF	553	538
>TET2-C1273 ALNEERTCAC	169	>TET2-C1273 ALNEERTCAF	64	105
>TET2-C1273 ALNEERTCAC	6211	>TET2-C1273 ALNEERTCAF	152	6059
>TET2-C1273 ALNEERTCAC	11031	>TET2-C1273 ALNEERTCAF	60	10971
>TET2-C1273 ALNEERTCAC	9686	>TET2-C1273 ALNEERTCAF	31	9655
>TET2-C1273 RTCACQGL	1510	>TET2-C1273 RTCASQGL	254	1256
>TET2-C1273 RTCACQGL	920	>TET2-C1273 RTCASQGL	451	469
>TET2-C1273 RTCACQGL	7	>TET2-C1273 RTCASQGL	4	3
>TET2-C1273 RTCACQGL	253	>TET2-C1273 RTCASQGL	344	91
>TET2-C1273 RTCACQGL	116	>TET2-C1273 RTCASQGL	106	10
>TET2-C1273 EERTCACQGL	285	>TET2-C1273 EERTCASQGL	524	239
>TET2-C1273 EERTCACQGL	653	>TET2-C1273 EERTCASQGL	418	235
>TET2-C1273 EERTCACQGL	97	>TET2-C1273 EERTCASQGL	291	194
>TET2-C1273 NEERTCACQC	50	>TET2-C1273 NEERTCASQC	67	17
>TET2-C1273 NEERTCACQC	359	>TET2-C1273 NEERTCASQC	249	110
>TET2-C1273 NEERTCACQC	851	>TET2-C1273 NEERTCASQC	262	589
>TET2-C1273 ALNEERTCAC	94	>TET2-C1273 ALNEERTCAS	915	821
>TET2-C1273 ALNEERTCAC	469	>TET2-C1273 ALNEERTCAS	4145	3676
>TET2-C1273 ALNEERTCAC	15	>TET2-C1273 ALNEERTCAS	253	238
>TET2-C1273 ALNEERTCAC	169	>TET2-C1273 ALNEERTCAS	43	126
>TET2-C1289 CSWSMYYNG	70	>TET2-C1289 FSWSMYYNG	119	49
>TET2-C1289 CSWSMYYNG	150	>TET2-C1289 FSWSMYYNG	387	237
>TET2-C1289 CSWSMYYNG	313	>TET2-C1289 FSWSMYYNG	75	238
>TET2-C1289 GCSWSMYY	64	>TET2-C1289 GFSWSMYY	8	56
>TET2-C1289 GCSWSMYY	128	>TET2-C1289 GFSWSMYY	46	82
>TET2-C1289 GCSWSMYY	212	>TET2-C1289 GFSWSMYY	35	177
>TET2-C1289 GCSWSMYYN	26485	>TET2-C1289 GFSWSMYYN	386	26099
>TET2-C1289 ETCGASFSFG	7148	>TET2-C1289 ETCGASFSFG	71	7077
>TET2-C1289 ETCGASFSFG	5700	>TET2-C1289 ETCGASFSFG	18	5682
>TET2-C1289 ETCGASFSFG	8509	>TET2-C1289 ETCGASFSFG	32	8477
>TET2-C1289 ETCGASFSFG	8542	>TET2-C1289 ETCGASFSFG	120	8422
>TET2-C1289 ETCGASFSFG	6753	>TET2-C1289 ETCGASFSFG	462	6291
>TET2-C1289 ETCGASFSFG	359	>TET2-C1289 ETCGASFSFG	1037	678
>TET2-C1289 ETCGASFSFG	10321	>TET2-C1289 ETCGASFSFG	8	10313
>TET2-C1289 FGCSWSMYY	513	>TET2-C1289 FGFSWSMYY	264	249
>TET2-C1289 FGCSWSMY	48	>TET2-C1289 FGFSWSMY	19	29
>TET2-C1289 FGCSWSMYY	10	>TET2-C1289 FGFSWSMYY	6	4
>TET2-C1289 FGCSWSMY	186	>TET2-C1289 FGFSWSMY	93	93
>TET2-C1289 FGCSWSMYY	84	>TET2-C1289 FGFSWSMYY	41	43

>TET2-C1289 FGCSWSMYY	3122	>TET2-C1289 FGFSWSMYY	319	2803
>TET2-C1289 FGCSWSMYY	158	>TET2-C1289 FGFSWSMYY	143	15
>TET2-C1289 FGCSWSMYY	210	>TET2-C1289 FGFSWSMYY	98	112
>TET2-C1289 FGCSWSMYY	136	>TET2-C1289 FGFSWSMYY	65	71
>TET2-C1289 FGCSWSMYY	372	>TET2-C1289 FGFSWSMYY	54	318
>TET2-C1289 FGCSWSMYY	1453	>TET2-C1289 FGFSWSMYY	181	1272
>TET2-C1289 FGCSWSMYY	730	>TET2-C1289 FGFSWSMYY	28	702
>TET2-C1289 FGCSWSMYY	538	>TET2-C1289 FGFSWSMYY	20	518
>TET2-C1289 FGCSWSMYY	1009	>TET2-C1289 FGFSWSMYY	128	881
>TET2-C1289 FGCSWSMYY	1271	>TET2-C1289 FGFSWSMYY	221	1050
>TET2-C1289 FGCSWSMYY	138	>TET2-C1289 FGFSWSMYY	43	95
>TET2-C1289 FGCSWSMYY	263	>TET2-C1289 FGFSWSMYY	61	202
>TET2-C1289 FGCSWSMYY	109	>TET2-C1289 FGFSWSMYY	14	95
>TET2-C1289 FGCSWSMYY	7670	>TET2-C1289 FGFSWSMYY	455	7215
>TET2-C1289 FGCSWSMYY	1141	>TET2-C1289 FGFSWSMYY	309	832
>TET2-C1289 SFGCSWSMYY	533	>TET2-C1289 SFGFSWSMYY	489	44
>TET2-C1289 SFGCSWSMYY	744	>TET2-C1289 SFGFSWSMYY	384	360
>TET2-C1289 SFGCSWSMYY	641	>TET2-C1289 SFGFSWSMYY	312	329
>TET2-C1289 SFGCSWSMYY	18	>TET2-C1289 SFGFSWSMYY	12	6
>TET2-C1289 SFGCSWSMYY	15	>TET2-C1289 SFGFSWSMYY	12	3
>TET2-C1289 SFGCSWSMYY	841	>TET2-C1289 SFGFSWSMYY	180	661
>TET2-C1289 SFGCSWSMYY	190	>TET2-C1289 SFGFSWSMYY	151	39
>TET2-C1289 SFGCSWSMYY	91	>TET2-C1289 SFGFSWSMYY	59	32
>TET2-C1289 SFGCSWSMYY	81	>TET2-C1289 SFGFSWSMYY	105	24
>TET2-C1289 SFGCSWSMYY	416	>TET2-C1289 SFGFSWSMYY	535	119
>TET2-C1289 SFGCSWSMYY	55	>TET2-C1289 SFGFSWSMYY	55	0
>TET2-C1289 SFGCSWSMYY	2710	>TET2-C1289 SFGFSWSMYY	389	2321
>TET2-C1289 SFGCSWSMYY	197	>TET2-C1289 SFGFSWSMYY	134	63
>TET2-C1289 SFGCSWSM	646	>TET2-C1289 SFGFSWSM	292	354
>TET2-C1289 FSFGCSWSM	1647	>TET2-C1289 FSFGFSWSM	143	1504
>TET2-C1289 FSFGCSWSM	74	>TET2-C1289 FSFGFSWSM	82	8
>TET2-C1289 FSFGCSWSM	43	>TET2-C1289 FSFGFSWSM	25	18
>TET2-C1289 FSFGCSWSM	40	>TET2-C1289 FSFGFSWSM	42	2
>TET2-C1289 FSFGCSWSM	20	>TET2-C1289 FSFGFSWSM	12	8
>TET2-C1289 FSFGCSWSM	13	>TET2-C1289 FSFGFSWSM	17	4
>TET2-C1289 FSFGCSWSM	469	>TET2-C1289 FSFGFSWSM	60	409
>TET2-C1289 FSFGCSWSM	327	>TET2-C1289 FSFGFSWSM	201	126
>TET2-C1289 FSFGCSWSM	318	>TET2-C1289 FSFGFSWSM	271	47
>TET2-C1289 FSFGCSWSM	507	>TET2-C1289 FSFGFSWSM	224	283
>TET2-C1289 FSFGCSWSM	42	>TET2-C1289 FSFGFSWSM	23	19
>TET2-C1289 FSFGCSWSM	557	>TET2-C1289 FSFGFSWSM	422	135
>TET2-C1289 FSFGCSWSM	1316	>TET2-C1289 FSFGFSWSM	177	1139
>TET2-C1289 FSFGCSWSM	112	>TET2-C1289 FSFGFSWSM	132	20

>TET2-C1289 FSFGCSWSM	103	>TET2-C1289 FSFGFSWSM'	36	67
>TET2-C1289 FSFGCSWSM	22	>TET2-C1289 FSFGFSWSM'	22	0
>TET2-C1289 FSFGCSWSM	6	>TET2-C1289 FSFGFSWSM'	5	1
>TET2-C1289 FSFGCSWSM	14	>TET2-C1289 FSFGFSWSM'	9	5
>TET2-C1289 FSFGCSWSM	24	>TET2-C1289 FSFGFSWSM'	34	10
>TET2-C1289 FSFGCSWSM	1174	>TET2-C1289 FSFGFSWSM'	134	1040
>TET2-C1289 FSFGCSWSM	27	>TET2-C1289 FSFGFSWSM'	21	6
>TET2-C1289 FSFGCSWSM	32	>TET2-C1289 FSFGFSWSM'	18	14
>TET2-C1289 FSFGCSWSM	73	>TET2-C1289 FSFGFSWSM'	62	11
>TET2-C1289 FSFGCSWSM	567	>TET2-C1289 FSFGFSWSM'	36	531
>TET2-C1289 FSFGCSWSM	82	>TET2-C1289 FSFGFSWSM'	35	47
>TET2-C1289 FSFGCSWSM	158	>TET2-C1289 FSFGFSWSM'	170	12
>TET2-C1289 FSFGCSWSM	58	>TET2-C1289 FSFGFSWSM'	56	2
>TET2-C1289 FSFGCSWSM	46	>TET2-C1289 FSFGFSWSM'	46	0
>TET2-C1289 FSFGCSWSM	93	>TET2-C1289 FSFGFSWSM'	30	63
>TET2-C1289 FSFGCSWSM	439	>TET2-C1289 FSFGFSWSM'	122	317
>TET2-C1289 FSFGCSWSM	44	>TET2-C1289 FSFGFSWSM'	23	21
>TET2-C1289 FSFGCSWSM	10	>TET2-C1289 FSFGFSWSM'	7	3
>TET2-C1289 FSFGCSWSM	10	>TET2-C1289 FSFGFSWSM'	7	3
>TET2-C1289 FSFGCSWSM	5	>TET2-C1289 FSFGFSWSM'	6	1
>TET2-C1289 FSFGCSWSM	3	>TET2-C1289 FSFGFSWSM'	3	0
>TET2-C1289 FSFGCSWSM	4	>TET2-C1289 FSFGFSWSM'	4	0
>TET2-C1289 FSFGCSWSM	840	>TET2-C1289 FSFGFSWSM'	490	350
>TET2-C1289 FSFGCSWSM	37	>TET2-C1289 FSFGFSWSM'	48	11
>TET2-C1289 FSFGCSWSM	42	>TET2-C1289 FSFGFSWSM'	51	9
>TET2-C1289 FSFGCSWSM	38	>TET2-C1289 FSFGFSWSM'	35	3
>TET2-C1289 FSFGCSWSM	472	>TET2-C1289 FSFGFSWSM'	858	386
>TET2-C1289 FSFGCSWSM	113	>TET2-C1289 FSFGFSWSM'	66	47
>TET2-C1289 FSFGCSWSM	225	>TET2-C1289 FSFGFSWSM'	139	86
>TET2-C1289 FSFGCSWSM	106	>TET2-C1289 FSFGFSWSM'	77	29
>TET2-C1289 FSFGCSWSM	38	>TET2-C1289 FSFGFSWSM'	28	10
>TET2-C1289 FSFGCSWSM	279	>TET2-C1289 FSFGFSWSM'	183	96
>TET2-C1289 FSFGCSWSM	20	>TET2-C1289 FSFGFSWSM'	17	3
>TET2-C1289 FSFGCSWSM	101	>TET2-C1289 FSFGFSWSM'	39	62
>TET2-C1289 FSFGCSWSM	23	>TET2-C1289 FSFGFSWSM'	25	2
>TET2-C1289 FSFGCSWSM	50	>TET2-C1289 FSFGFSWSM'	27	23
>TET2-C1289 FSFGCSWSM	7	>TET2-C1289 FSFGFSWSM'	8	1
>TET2-C1289 FSFGCSWSM	87	>TET2-C1289 FSFGFSWSM'	77	10
>TET2-C1289 FSFGCSWSM	28	>TET2-C1289 FSFGFSWSM'	40	12
>TET2-C1289 FSFGCSWSM	162	>TET2-C1289 FSFGFSWSM'	98	64
>TET2-C1289 SFSFGCSW	902	>TET2-C1289 SFSFGFSW	114	788
>TET2-C1289 SFSFGCSWSM	935	>TET2-C1289 SFSFGFSWSM	349	586
>TET2-C1289 SFSFGCSWSM	13	>TET2-C1289 SFSFGFSWSM	11	2

>TET2-C1289SFSFGCSWSM	58	>TET2-C1289SFSFGFSWSM	47	11
>TET2-C1289SFSFGCSWSM	128	>TET2-C1289SFSFGFSWSM	109	19
>TET2-C1289SFSFGCSWSM	93	>TET2-C1289SFSFGFSWSM	138	45
>TET2-C1289SFSFGCSWSM	12	>TET2-C1289SFSFGFSWSM	12	0
>TET2-C1289SFSFGCSWSM	112	>TET2-C1289SFSFGFSWSM	181	69
>TET2-C1289SFSFGCSWSM	461	>TET2-C1289SFSFGFSWSM	338	123
>TET2-C1289SFSFGCSW	324	>TET2-C1289SFSFGFSW	325	1
>TET2-C1289ASFSFGCS	2068	>TET2-C1289ASFSFGFS	453	1615
>TET2-C1289ASFSFGCSWS	204	>TET2-C1289ASFSFGFSWS	99	105
>TET2-C1289ASFSFGCSWS	651	>TET2-C1289ASFSFGFSWS	305	346
>TET2-C1289ASFSFGCSWS	709	>TET2-C1289ASFSFGFSWS	342	367
>TET2-C1289ASFSFGCSW	51	>TET2-C1289ASFSFGFSW	18	33
>TET2-C1289ASFSFGCSWS	135	>TET2-C1289ASFSFGFSWS	54	81
>TET2-C1289ASFSFGCSW	256	>TET2-C1289ASFSFGFSW	978	722
>TET2-C1289ASFSFGCSWS	125	>TET2-C1289ASFSFGFSWS	165	40
>TET2-C1289ASFSFGCSW	29	>TET2-C1289ASFSFGFSW	28	1
>TET2-C1289ASFSFGCSWS	12	>TET2-C1289ASFSFGFSWS	10	2
>TET2-C1289ASFSFGCSW	4	>TET2-C1289ASFSFGFSW	3	1
>TET2-C1289ASFSFGCSWS	6	>TET2-C1289ASFSFGFSWS	6	0
>TET2-C1289ASFSFGCSW	855	>TET2-C1289ASFSFGFSW	299	556
>TET2-C1289ASFSFGCSW	34	>TET2-C1289ASFSFGFSW	32	2
>TET2-C1289ASFSFGCSWS	235	>TET2-C1289ASFSFGFSWS	135	100
>TET2-C1289ASFSFGCSW	14	>TET2-C1289ASFSFGFSW	10	4
>TET2-C1289ASFSFGCSWS	298	>TET2-C1289ASFSFGFSWS	153	145
>TET2-C1289ASFSFGCSWS	211	>TET2-C1289ASFSFGFSWS	67	144
>TET2-C1289ASFSFGCSW	84	>TET2-C1289ASFSFGFSW	27	57
>TET2-C1289ASFSFGCSWS	16	>TET2-C1289ASFSFGFSWS	12	4
>TET2-C1289ASFSFGCSW	336	>TET2-C1289ASFSFGFSW	130	206
>TET2-C1289ASFSFGCSW	266	>TET2-C1289ASFSFGFSW	177	89
>TET2-C1289ASFSFGCS	562	>TET2-C1289ASFSFGFS	229	333
>TET2-C1289ASFSFGCSW	2370	>TET2-C1289ASFSFGFSW	306	2064
>TET2-C1289ASFSFGCSWS	734	>TET2-C1289ASFSFGFSWS	161	573
>TET2-C1289ASFSFGCSWS	505	>TET2-C1289ASFSFGFSWS	225	280
>TET2-C1289ASFSFGCSWS	85	>TET2-C1289ASFSFGFSWS	50	35
>TET2-C1289GASFSFGC	16047	>TET2-C1289GASFSFGF	36	16011
>TET2-C1289GASFSFGCSM	86	>TET2-C1289GASFSFGFSM	49	37
>TET2-C1289GASFSFGCSM	234	>TET2-C1289GASFSFGFSM	124	110
>TET2-C1289GASFSFGCSM	73	>TET2-C1289GASFSFGFSM	34	39
>TET2-C1289GASFSFGCSM	651	>TET2-C1289GASFSFGFSM	414	237
>TET2-C1289CGASFSFGC	17903	>TET2-C1289CGASFSFGF	368	17535
>TET2-C1289CGASFSFGCS	883	>TET2-C1289CGASFSFGFS'	483	400
>TET2-C1289CGASFSFGCS	347	>TET2-C1289CGASFSFGFS'	243	104
>TET2-C1289CGASFSFGCS	38	>TET2-C1289CGASFSFGFS'	23	15

>TET2-C1289CGASFSFGCS	683	>TET2-C1289CGASFSFGFS'	338	345
>TET2-C1289CGASFSFGCS	205	>TET2-C1289CGASFSFGFS'	150	55
>TET2-C1289TCGASFSFGC	24890	>TET2-C1289TCGASFSFGF	481	24409
>TET2-C1289CSWSMYYNC	70	>TET2-C1289YSWSMYYNC	66	4
>TET2-C1289CSWSMYYNC	150	>TET2-C1289YSWSMYYNC	155	5
>TET2-C1289CSWSMYYNC	313	>TET2-C1289YSWSMYYNC	73	240
>TET2-C1289GCSWSMYY	25093	>TET2-C1289GYSWSMYY	214	24879
>TET2-C1289GCSWSMYY	64	>TET2-C1289GYSWSMYY	12	52
>TET2-C1289GCSWSMYY	128	>TET2-C1289GYSWSMYY	23	105
>TET2-C1289GCSWSMYY	212	>TET2-C1289GYSWSMYY	28	184
>TET2-C1289GCSWSMYYN	29841	>TET2-C1289GYSWSMYYN	461	29380
>TET2-C1289GCSWSMYYN	26485	>TET2-C1289GYSWSMYYN	365	26120
>TET2-C1289ETCGASFSFG	16232	>TET2-C1289ETCGASFSFG	280	15952
>TET2-C1289ETCGASFSFG	7148	>TET2-C1289ETCGASFSFG	21	7127
>TET2-C1289ETCGASFSFG	5700	>TET2-C1289ETCGASFSFG	10	5690
>TET2-C1289ETCGASFSFG	8509	>TET2-C1289ETCGASFSFG	6	8503
>TET2-C1289ETCGASFSFG	21193	>TET2-C1289ETCGASFSFG	98	21095
>TET2-C1289ETCGASFSFG	28545	>TET2-C1289ETCGASFSFG	186	28359
>TET2-C1289ETCGASFSFG	6753	>TET2-C1289ETCGASFSFG	25	6728
>TET2-C1289ETCGASFSFG	359	>TET2-C1289ETCGASFSFG	3191	2832
>TET2-C1289ETCGASFSFG	10321	>TET2-C1289ETCGASFSFG	9	10312
>TET2-C1289ETCGASFSFG	19421	>TET2-C1289ETCGASFSFG	351	19070
>TET2-C1289ETCGASFSFG	35525	>TET2-C1289ETCGASFSFG	216	35309
>TET2-C1289FGCSWSMY	2770	>TET2-C1289FGYSWSMY	418	2352
>TET2-C1289FGCSWSMYY	513	>TET2-C1289FGYSWSMYY	69	444
>TET2-C1289FGCSWSMY	48	>TET2-C1289FGYSWSMY	17	31
>TET2-C1289FGCSWSMYY	10	>TET2-C1289FGYSWSMYY	6	4
>TET2-C1289FGCSWSMY	186	>TET2-C1289FGYSWSMY	124	62
>TET2-C1289FGCSWSMYY	84	>TET2-C1289FGYSWSMYY	50	34
>TET2-C1289FGCSWSMY	158	>TET2-C1289FGYSWSMY	151	7
>TET2-C1289FGCSWSMY	210	>TET2-C1289FGYSWSMY	101	109
>TET2-C1289FGCSWSMYY	136	>TET2-C1289FGYSWSMYY	64	72
>TET2-C1289FGCSWSMY	372	>TET2-C1289FGYSWSMY	43	329
>TET2-C1289FGCSWSMYY	1453	>TET2-C1289FGYSWSMYY	138	1315
>TET2-C1289FGCSWSMY	730	>TET2-C1289FGYSWSMY	42	688
>TET2-C1289FGCSWSMYY	538	>TET2-C1289FGYSWSMYY	33	505
>TET2-C1289FGCSWSMY	1009	>TET2-C1289FGYSWSMY	60	949
>TET2-C1289FGCSWSMYY	1271	>TET2-C1289FGYSWSMYY	119	1152
>TET2-C1289FGCSWSMY	138	>TET2-C1289FGYSWSMY	34	104
>TET2-C1289FGCSWSMYY	263	>TET2-C1289FGYSWSMYY	49	214
>TET2-C1289FGCSWSMY	5893	>TET2-C1289FGYSWSMY	348	5545
>TET2-C1289FGCSWSMYY	109	>TET2-C1289FGYSWSMYY	27	82
>TET2-C1289SFGCSWSMY	533	>TET2-C1289SFGYSWSMY	389	144

>TET2-C1289 SFGCSWSMY	744	>TET2-C1289 SFGYSWSMY	352	392
>TET2-C1289 SFGCSWSMY	641	>TET2-C1289 SFGYSWSMY	348	293
>TET2-C1289 SFGCSWSMY	18	>TET2-C1289 SFGYSWSMY	14	4
>TET2-C1289 SFGCSWSMY	15	>TET2-C1289 SFGYSWSMY	14	1
>TET2-C1289 SFGCSWSMY	841	>TET2-C1289 SFGYSWSMY	140	701
>TET2-C1289 SFGCSWSMY	190	>TET2-C1289 SFGYSWSMY	146	44
>TET2-C1289 SFGCSWSMY	91	>TET2-C1289 SFGYSWSMY	73	18
>TET2-C1289 SFGCSWSMY	81	>TET2-C1289 SFGYSWSMY	69	12
>TET2-C1289 SFGCSWSMY	416	>TET2-C1289 SFGYSWSMY	374	42
>TET2-C1289 SFGCSWSMY	55	>TET2-C1289 SFGYSWSMY	51	4
>TET2-C1289 SFGCSWSMY	2710	>TET2-C1289 SFGYSWSMY	318	2392
>TET2-C1289 SFGCSWSMY	197	>TET2-C1289 SFGYSWSMY	306	109
>TET2-C1289 SFGCSWSM	646	>TET2-C1289 SFGYSWSM	321	325
>TET2-C1289 FSFGCSWSM	1647	>TET2-C1289 FSFGYSWSM	297	1350
>TET2-C1289 FSFGCSWSM	74	>TET2-C1289 FSFGYSWSM'	72	2
>TET2-C1289 FSFGCSWSM	43	>TET2-C1289 FSFGYSWSM'	23	20
>TET2-C1289 FSFGCSWSM	40	>TET2-C1289 FSFGYSWSM	26	14
>TET2-C1289 FSFGCSWSM	20	>TET2-C1289 FSFGYSWSM	11	9
>TET2-C1289 FSFGCSWSM	13	>TET2-C1289 FSFGYSWSM	11	2
>TET2-C1289 FSFGCSWSM	469	>TET2-C1289 FSFGYSWSM	60	409
>TET2-C1289 FSFGCSWSM	327	>TET2-C1289 FSFGYSWSM'	289	38
>TET2-C1289 FSFGCSWSM	318	>TET2-C1289 FSFGYSWSM'	312	6
>TET2-C1289 FSFGCSWSM	507	>TET2-C1289 FSFGYSWSM'	295	212
>TET2-C1289 FSFGCSWSM	42	>TET2-C1289 FSFGYSWSM'	34	8
>TET2-C1289 FSFGCSWSM	557	>TET2-C1289 FSFGYSWSM'	397	160
>TET2-C1289 FSFGCSWSM	1316	>TET2-C1289 FSFGYSWSM	169	1147
>TET2-C1289 FSFGCSWSM	112	>TET2-C1289 FSFGYSWSM'	118	6
>TET2-C1289 FSFGCSWSM	103	>TET2-C1289 FSFGYSWSM'	34	69
>TET2-C1289 FSFGCSWSM	22	>TET2-C1289 FSFGYSWSM'	15	7
>TET2-C1289 FSFGCSWSM	6	>TET2-C1289 FSFGYSWSM'	5	1
>TET2-C1289 FSFGCSWSM	14	>TET2-C1289 FSFGYSWSM'	9	5
>TET2-C1289 FSFGCSWSM	24	>TET2-C1289 FSFGYSWSM'	42	18
>TET2-C1289 FSFGCSWSM	27	>TET2-C1289 FSFGYSWSM'	28	1
>TET2-C1289 FSFGCSWSM	32	>TET2-C1289 FSFGYSWSM'	22	10
>TET2-C1289 FSFGCSWSM	73	>TET2-C1289 FSFGYSWSM	122	49
>TET2-C1289 FSFGCSWSM	567	>TET2-C1289 FSFGYSWSM	61	506
>TET2-C1289 FSFGCSWSM	82	>TET2-C1289 FSFGYSWSM'	50	32
>TET2-C1289 FSFGCSWSM	158	>TET2-C1289 FSFGYSWSM	105	53
>TET2-C1289 FSFGCSWSM	58	>TET2-C1289 FSFGYSWSM'	48	10
>TET2-C1289 FSFGCSWSM	46	>TET2-C1289 FSFGYSWSM'	40	6
>TET2-C1289 FSFGCSWSM	93	>TET2-C1289 FSFGYSWSM'	50	43
>TET2-C1289 FSFGCSWSM	439	>TET2-C1289 FSFGYSWSM'	240	199
>TET2-C1289 FSFGCSWSM	44	>TET2-C1289 FSFGYSWSM	24	20

>TET2-C1289 FSFGCSWSM	10	>TET2-C1289 FSFGYSWSM'	7	3
>TET2-C1289 FSFGCSWSM	10	>TET2-C1289 FSFGYSWSM'	7	3
>TET2-C1289 FSFGCSWSM	5	>TET2-C1289 FSFGYSWSM'	4	1
>TET2-C1289 FSFGCSWSM	3	>TET2-C1289 FSFGYSWSM'	3	0
>TET2-C1289 FSFGCSWSM	4	>TET2-C1289 FSFGYSWSM'	4	0
>TET2-C1289 FSFGCSWSM	37	>TET2-C1289 FSFGYSWSM'	39	2
>TET2-C1289 FSFGCSWSM	42	>TET2-C1289 FSFGYSWSM'	47	5
>TET2-C1289 FSFGCSWSM	38	>TET2-C1289 FSFGYSWSM'	20	18
>TET2-C1289 FSFGCSWSM	472	>TET2-C1289 FSFGYSWSM'	1124	652
>TET2-C1289 FSFGCSWSM	113	>TET2-C1289 FSFGYSWSM'	156	43
>TET2-C1289 FSFGCSWSM	225	>TET2-C1289 FSFGYSWSM'	257	32
>TET2-C1289 FSFGCSWSM	106	>TET2-C1289 FSFGYSWSM'	134	28
>TET2-C1289 FSFGCSWSM	38	>TET2-C1289 FSFGYSWSM'	37	1
>TET2-C1289 FSFGCSWSM	279	>TET2-C1289 FSFGYSWSM'	194	85
>TET2-C1289 FSFGCSWSM	20	>TET2-C1289 FSFGYSWSM'	19	1
>TET2-C1289 FSFGCSWSM	101	>TET2-C1289 FSFGYSWSM'	49	52
>TET2-C1289 FSFGCSWSM	23	>TET2-C1289 FSFGYSWSM'	38	15
>TET2-C1289 FSFGCSWSM	50	>TET2-C1289 FSFGYSWSM'	38	12
>TET2-C1289 FSFGCSWSM	7	>TET2-C1289 FSFGYSWSM'	10	3
>TET2-C1289 FSFGCSWSM	87	>TET2-C1289 FSFGYSWSM'	49	38
>TET2-C1289 FSFGCSWSM	28	>TET2-C1289 FSFGYSWSM'	36	8
>TET2-C1289 FSFGCSWSM	162	>TET2-C1289 FSFGYSWSM'	240	78
>TET2-C1289 SFSFGCSW	902	>TET2-C1289 SFSFGYSW	155	747
>TET2-C1289 SFSFGCSWSM	935	>TET2-C1289 SFSFGYSWSM	350	585
>TET2-C1289 SFSFGCSWSM	13	>TET2-C1289 SFSFGYSWSM	13	0
>TET2-C1289 SFSFGCSWSM	58	>TET2-C1289 SFSFGYSWSM	59	1
>TET2-C1289 SFSFGCSWSM	128	>TET2-C1289 SFSFGYSWSM	106	22
>TET2-C1289 SFSFGCSWSM	93	>TET2-C1289 SFSFGYSWSM	145	52
>TET2-C1289 SFSFGCSWSM	12	>TET2-C1289 SFSFGYSWSM	14	2
>TET2-C1289 SFSFGCSWSM	112	>TET2-C1289 SFSFGYSWSM	123	11
>TET2-C1289 SFSFGCSWSM	461	>TET2-C1289 SFSFGYSWSM	595	134
>TET2-C1289 SFSFGCSW	324	>TET2-C1289 SFSFGYSW	254	70
>TET2-C1289 ASFSFGCS	2068	>TET2-C1289 ASFSFGYS	224	1844
>TET2-C1289 ASFSFGCSWS	204	>TET2-C1289 ASFSFGYSWS	130	74
>TET2-C1289 ASFSFGCSWS	651	>TET2-C1289 ASFSFGYSWS	290	361
>TET2-C1289 ASFSFGCSWS	709	>TET2-C1289 ASFSFGYSWS	450	259
>TET2-C1289 ASFSFGCSW	51	>TET2-C1289 ASFSFGYSW	10	41
>TET2-C1289 ASFSFGCSWS	135	>TET2-C1289 ASFSFGYSWS	58	77
>TET2-C1289 ASFSFGCSW	256	>TET2-C1289 ASFSFGYSW	680	424
>TET2-C1289 ASFSFGCSWS	125	>TET2-C1289 ASFSFGYSWS	130	5
>TET2-C1289 ASFSFGCSW	29	>TET2-C1289 ASFSFGYSW	17	12
>TET2-C1289 ASFSFGCSWS	12	>TET2-C1289 ASFSFGYSWS	9	3
>TET2-C1289 ASFSFGCSW	4	>TET2-C1289 ASFSFGYSW	4	0

>TET2-C1289 ASFSFGCSWS	6	>TET2-C1289 ASFSFGYSWS	6	0
>TET2-C1289 ASFSFGCSW	855	>TET2-C1289 ASFSFGYSW	398	457
>TET2-C1289 ASFSFGCSW	34	>TET2-C1289 ASFSFGYSW	31	3
>TET2-C1289 ASFSFGCSWS	235	>TET2-C1289 ASFSFGYSWS	179	56
>TET2-C1289 ASFSFGCSW	14	>TET2-C1289 ASFSFGYSW	14	0
>TET2-C1289 ASFSFGCSWS	298	>TET2-C1289 ASFSFGYSWS	289	9
>TET2-C1289 ASFSFGCSWS	211	>TET2-C1289 ASFSFGYSWS	74	137
>TET2-C1289 ASFSFGCSW	84	>TET2-C1289 ASFSFGYSW	34	50
>TET2-C1289 ASFSFGCSWS	16	>TET2-C1289 ASFSFGYSWS	16	0
>TET2-C1289 ASFSFGCSW	336	>TET2-C1289 ASFSFGYSW	257	79
>TET2-C1289 ASFSFGCSW	266	>TET2-C1289 ASFSFGYSW	319	53
>TET2-C1289 ASFSFGCS	562	>TET2-C1289 ASFSFGYS	209	353
>TET2-C1289 ASFSFGCSW	2370	>TET2-C1289 ASFSFGYSW	374	1996
>TET2-C1289 ASFSFGCSWS	734	>TET2-C1289 ASFSFGYSWS	345	389
>TET2-C1289 ASFSFGCSWS	505	>TET2-C1289 ASFSFGYSWS	279	226
>TET2-C1289 ASFSFGCSWS	85	>TET2-C1289 ASFSFGYSWS	82	3
>TET2-C1289 GASFSFGC	22776	>TET2-C1289 GASFSFGY	457	22319
>TET2-C1289 GASFSFGC	23959	>TET2-C1289 GASFSFGY	72	23887
>TET2-C1289 GASFSFGC	27042	>TET2-C1289 GASFSFGY	58	26984
>TET2-C1289 GASFSFGC	20341	>TET2-C1289 GASFSFGY	455	19886
>TET2-C1289 GASFSFGC	16047	>TET2-C1289 GASFSFGY	43	16004
>TET2-C1289 GASFSFGCSW	86	>TET2-C1289 GASFSFGYSW	72	14
>TET2-C1289 GASFSFGC	22687	>TET2-C1289 GASFSFGY	431	22256
>TET2-C1289 GASFSFGCSW	234	>TET2-C1289 GASFSFGYSW	95	139
>TET2-C1289 GASFSFGCSW	73	>TET2-C1289 GASFSFGYSW	45	28
>TET2-C1289 CGASFSFGC	23637	>TET2-C1289 CGASFSFGY	123	23514
>TET2-C1289 CGASFSFGC	23166	>TET2-C1289 CGASFSFGY	21	23145
>TET2-C1289 CGASFSFGC	17903	>TET2-C1289 CGASFSFGY	133	17770
>TET2-C1289 CGASFSFGCS	347	>TET2-C1289 CGASFSFGYS'	191	156
>TET2-C1289 CGASFSFGCS	38	>TET2-C1289 CGASFSFGYS'	41	3
>TET2-C1289 CGASFSFGCS	205	>TET2-C1289 CGASFSFGYS'	230	25
>TET2-C1289 CGASFSFGC	38284	>TET2-C1289 CGASFSFGY	212	38072
>TET2-C1289 TCGASFSFGC	32503	>TET2-C1289 TCGASFSFGY	457	32046
>TET2-C1289 TCGASFSFGC	24890	>TET2-C1289 TCGASFSFGY	66	24824
>TET2-C1289 TCGASFSFGC	23217	>TET2-C1289 TCGASFSFGY	35	23182
>TET2-C1298 CKFARSKIPR	196	>TET2-C1298 WKFARSKIPR	557	361
>TET2-C1298 CKFARSKI	59	>TET2-C1298 WKFARSKI	16	43
>TET2-C1298 CKFARSKIP	950	>TET2-C1298 WKFARSKIP	322	628
>TET2-C1298 CKFARSKIPR	125	>TET2-C1298 WKFARSKIPR	39	86
>TET2-C1298 CKFARSKIPRk	1282	>TET2-C1298 WKFARSKIPR	398	884
>TET2-C1298 CKFARSKIPR	73	>TET2-C1298 WKFARSKIPR	71	2
>TET2-C1298 CKFARSKI	94	>TET2-C1298 WKFARSKI	719	625
>TET2-C1298 GCKFARSK	46	>TET2-C1298 GWKFARSK	51	5



>TET2-C1298 GCKFARSKIPI	107	>TET2-C1298 GWKFARSKIP	33	74
>TET2-C1298 GCKFARSKI	261	>TET2-C1298 GWKFARSKI	3071	2810
>TET2-C1298 GCKFARSKIPI	2121	>TET2-C1298 GWKFARSKIP	43	2078
>TET2-C1298 YNGCKFAR	882	>TET2-C1298 YNGWKFAR	492	390
>TET2-C1298 YNGCKFAR	1223	>TET2-C1298 YNGWKFAR	442	781
>TET2-C1298 YNGCKFAR	182	>TET2-C1298 YNGWKFAR	121	61
>TET2-C1298 YYNGCKFAR	9	>TET2-C1298 YYNGWKFAR	8	1
>TET2-C1298 YYNGCKFAR	18	>TET2-C1298 YYNGWKFAR	8	10
>TET2-C1298 YYNGCKFAR	194	>TET2-C1298 YYNGWKFAR	134	60
>TET2-C1298 YYNGCKFAR	16	>TET2-C1298 YYNGWKFAR	29	13
>TET2-C1298 YYNGCKFARS	311	>TET2-C1298 YYNGWKFAR	520	209
>TET2-C1298 YYNGCKFA	523	>TET2-C1298 YYNGWKFA	236	287
>TET2-C1298 MYYNGCKF	28	>TET2-C1298 MYYNGWKF	11	17
>TET2-C1298 MYYNGCKF	297	>TET2-C1298 MYYNGWKF	69	228
>TET2-C1298 MYYNGCKF	5	>TET2-C1298 MYYNGWKF	5	0
>TET2-C1298 MYYNGCKF	333	>TET2-C1298 MYYNGWKF	47	286
>TET2-C1298 MYYNGCKFA	749	>TET2-C1298 MYYNGWKF/	45	704
>TET2-C1298 MYYNGCKFA	8	>TET2-C1298 MYYNGWKF/	9	1
>TET2-C1298 MYYNGCKFA	28	>TET2-C1298 MYYNGWKF/	28	0
>TET2-C1298 MYYNGCKFA	209	>TET2-C1298 MYYNGWKF/	103	106
>TET2-C1298 MYYNGCKF	488	>TET2-C1298 MYYNGWKF	306	182
>TET2-C1298 MYYNGCKF	38	>TET2-C1298 MYYNGWKF	61	23
>TET2-C1298 MYYNGCKFA	296	>TET2-C1298 MYYNGWKF/	273	23
>TET2-C1298 MYYNGCKFA	23	>TET2-C1298 MYYNGWKF/	25	2
>TET2-C1298 MYYNGCKF	392	>TET2-C1298 MYYNGWKF	162	230
>TET2-C1298 MYYNGCKFA	17	>TET2-C1298 MYYNGWKF/	37	20
>TET2-C1298 SMYYNGCKF	208	>TET2-C1298 SMYYNGWKF	1178	970
>TET2-C1298 SMYYNGCKF,	413	>TET2-C1298 SMYYNGWKF	880	467
>TET2-C1298 SMYYNGCKF,	273	>TET2-C1298 SMYYNGWKF	255	18
>TET2-C1298 SMYYNGCKF,	38	>TET2-C1298 SMYYNGWKF	48	10
>TET2-C1298 SMYYNGCKF	197	>TET2-C1298 SMYYNGWKF	35	162
>TET2-C1298 SMYYNGCKF,	18	>TET2-C1298 SMYYNGWKF	7	11
>TET2-C1298 SMYYNGCKF,	1780	>TET2-C1298 SMYYNGWKF	349	1431
>TET2-C1298 SMYYNGCKF	1889	>TET2-C1298 SMYYNGWKF	198	1691
>TET2-C1298 SMYYNGCKF,	122	>TET2-C1298 SMYYNGWKF	63	59
>TET2-C1298 SMYYNGCKF,	30	>TET2-C1298 SMYYNGWKF	18	12
>TET2-C1298 SMYYNGCKF,	53	>TET2-C1298 SMYYNGWKF	44	9
>TET2-C1298 SMYYNGCK	40	>TET2-C1298 SMYYNGWK	34	6
>TET2-C1298 SMYYNGCKF,	130	>TET2-C1298 SMYYNGWKF	132	2
>TET2-C1298 SMYYNGCK	17	>TET2-C1298 SMYYNGWK	15	2
>TET2-C1298 SMYYNGCKF,	62	>TET2-C1298 SMYYNGWKF	31	31
>TET2-C1298 SMYYNGCKF	1912	>TET2-C1298 SMYYNGWKF	51	1861
>TET2-C1298 SMYYNGCKF	5077	>TET2-C1298 SMYYNGWKF	413	4664

>TET2-C1298 SMYYNGCKF	1478	>TET2-C1298 SMYYNGWKF	61	1417
>TET2-C1298 SMYYNGCKF	521	>TET2-C1298 SMYYNGWKF	28	493
>TET2-C1298 SMYYNGCKF	4953	>TET2-C1298 SMYYNGWKF	297	4656
>TET2-C1298 SMYYNGCK	364	>TET2-C1298 SMYYNGWK	207	157
>TET2-C1298 SMYYNGCKF,	8	>TET2-C1298 SMYYNGWKF	7	1
>TET2-C1298 SMYYNGCKF	66	>TET2-C1298 SMYYNGWKF	49	17
>TET2-C1298 SMYYNGCKF,	217	>TET2-C1298 SMYYNGWKF	106	111
>TET2-C1298 SMYYNGCK	153	>TET2-C1298 SMYYNGWK	107	46
>TET2-C1298 SMYYNGCKF,	35	>TET2-C1298 SMYYNGWKF	33	2
>TET2-C1298 SMYYNGCKF	37	>TET2-C1298 SMYYNGWKF	97	60
>TET2-C1298 SMYYNGCKF	23	>TET2-C1298 SMYYNGWKF	26	3
>TET2-C1298 SMYYNGCKF	3	>TET2-C1298 SMYYNGWKF	4	1
>TET2-C1298 SMYYNGCKF,	335	>TET2-C1298 SMYYNGWKF	458	123
>TET2-C1298 SMYYNGCKF,	199	>TET2-C1298 SMYYNGWKF	307	108
>TET2-C1298 SMYYNGCKF	33	>TET2-C1298 SMYYNGWKF	59	26
>TET2-C1298 SMYYNGCKF,	54	>TET2-C1298 SMYYNGWKF	62	8
>TET2-C1298 WSMYYNGC	463	>TET2-C1298 WSMYYNGW	475	12
>TET2-C1298 WSMYYNGC	316	>TET2-C1298 WSMYYNGW	75	241
>TET2-C1298 WSMYYNGC	1643	>TET2-C1298 WSMYYNGW	474	1169
>TET2-C1298 WSMYYNGC	1846	>TET2-C1298 WSMYYNGW	254	1592
>TET2-C1298 WSMYYNGC	269	>TET2-C1298 WSMYYNGW	62	207
>TET2-C1298 WSMYYNGC	92	>TET2-C1298 WSMYYNGW	33	59
>TET2-C1298 WSMYYNGC	351	>TET2-C1298 WSMYYNGW	195	156
>TET2-C1298 WSMYYNGC	119	>TET2-C1298 WSMYYNGW	491	372
>TET2-C1298 WSMYYNGC	16	>TET2-C1298 WSMYYNGW	23	7
>TET2-C1298 WSMYYNGC	12286	>TET2-C1298 WSMYYNGW	8	12278
>TET2-C1298 WSMYYNGC	9	>TET2-C1298 WSMYYNGW	6	3
>TET2-C1298 WSMYYNGC	23140	>TET2-C1298 WSMYYNGW	74	23066
>TET2-C1298 WSMYYNGC	3228	>TET2-C1298 WSMYYNGW	466	2762
>TET2-C1298 WSMYYNGC	17920	>TET2-C1298 WSMYYNGW	15	17905
>TET2-C1298 WSMYYNGC	284	>TET2-C1298 WSMYYNGW	119	165
>TET2-C1298 WSMYYNGC	18	>TET2-C1298 WSMYYNGW	17	1
>TET2-C1298 WSMYYNGC	25541	>TET2-C1298 WSMYYNGW	459	25082
>TET2-C1298 SWSMYYNGC	1176	>TET2-C1298 SWSMYYNGV	444	732
>TET2-C1298 SWSMYYNGC	673	>TET2-C1298 SWSMYYNGV	230	443
>TET2-C1298 SWSMYYNGC	1599	>TET2-C1298 SWSMYYNGV	211	1388
>TET2-C1298 SWSMYYNGC	421	>TET2-C1298 SWSMYYNGV	92	329
>TET2-C1298 SWSMYYNGC	8994	>TET2-C1298 SWSMYYNGV	186	8808
>TET2-C1298 SWSMYYNGC	27	>TET2-C1298 SWSMYYNGV	12	15
>TET2-C1298 SWSMYYNGC	442	>TET2-C1298 SWSMYYNGV	195	247
>TET2-C1298 SWSMYYNGC	59	>TET2-C1298 SWSMYYNGV	57	2
>TET2-C1298 SWSMYYNGC	137	>TET2-C1298 SWSMYYNGV	54	83
>TET2-C1298 CSWSMYYNC	70	>TET2-C1298 CSWSMYYNC	77	7

>TET2-C1298 CSWSMYYNC	150	>TET2-C1298 CSWSMYYNC	117	33
>TET2-C1298 CSWSMYYNC	313	>TET2-C1298 CSWSMYYNC	205	108
>TET2-C1298 CSWSMYYNC	19897	>TET2-C1298 CSWSMYYNC	20	19877
>TET2-C1298 CSWSMYYNC	21490	>TET2-C1298 CSWSMYYNC	64	21426
>TET2-C1298 CSWSMYYNC	17667	>TET2-C1298 CSWSMYYNC	19	17648
>TET2-C1298 CSWSMYYNC	27498	>TET2-C1298 CSWSMYYNC	296	27202
>TET2-C1298 CSWSMYYNC	17197	>TET2-C1298 CSWSMYYNC	68	17129
>TET2-C1298 CKFARSKIPR	196	>TET2-C1298 YKFARSKIPR	236	40
>TET2-C1298 CKFARSKIPR	529	>TET2-C1298 YKFARSKIPR	404	125
>TET2-C1298 CKFARSKI	59	>TET2-C1298 YKFARSKI	8	51
>TET2-C1298 CKFARSKIP	950	>TET2-C1298 YKFARSKIP	149	801
>TET2-C1298 CKFARSKIPR	125	>TET2-C1298 YKFARSKIPR	19	106
>TET2-C1298 CKFARSKIPR	1282	>TET2-C1298 YKFARSKIPR	156	1126
>TET2-C1298 CKFARSKIPR	73	>TET2-C1298 YKFARSKIPR	76	3
>TET2-C1298 CKFARSKI	94	>TET2-C1298 YKFARSKI	490	396
>TET2-C1298 GCKFARSKI	24485	>TET2-C1298 GYKFARSKI	25	24460
>TET2-C1298 GCKFARSKI	21703	>TET2-C1298 GYKFARSKI	352	21351
>TET2-C1298 GCKFARSKI	22919	>TET2-C1298 GYKFARSKI	84	22835
>TET2-C1298 GCKFARSK	46	>TET2-C1298 GYKFARSK	8	38
>TET2-C1298 GCKFARSKI	1090	>TET2-C1298 GYKFARSKI	72	1018
>TET2-C1298 GCKFARSKIPI	897	>TET2-C1298 GYKFARSKIPI	76	821
>TET2-C1298 GCKFARSKIPI	107	>TET2-C1298 GYKFARSKIPI	10	97
>TET2-C1298 GCKFARSKIPI	3332	>TET2-C1298 GYKFARSKIPI	121	3211
>TET2-C1298 GCKFARSKI	261	>TET2-C1298 GYKFARSKI	2309	2048
>TET2-C1298 GCKFARSKIPI	2121	>TET2-C1298 GYKFARSKIPI	114	2007
>TET2-C1298 GCSWSMYYN	25807	>TET2-C1298 GCSWSMYYN	496	25311
>TET2-C1298 GCSWSMYYN	28652	>TET2-C1298 GCSWSMYYN	128	28524
>TET2-C1298 GCSWSMYYN	19570	>TET2-C1298 GCSWSMYYN	301	19269
>TET2-C1298 YNGCKFAR	182	>TET2-C1298 YNGYKFAR	445	263
>TET2-C1298 YYNGCKFAR	9	>TET2-C1298 YYNGYKFAR	7	2
>TET2-C1298 YYNGCKFAR	18	>TET2-C1298 YYNGYKFAR	12	6
>TET2-C1298 YYNGCKFAR	194	>TET2-C1298 YYNGYKFAR	109	85
>TET2-C1298 YYNGCKFAR	16	>TET2-C1298 YYNGYKFAR	32	16
>TET2-C1298 YYNGCKFARS	311	>TET2-C1298 YYNGYKFARS	767	456
>TET2-C1298 MYYNGCKF	28	>TET2-C1298 MYYNGYKF	12	16
>TET2-C1298 MYYNGCKF	297	>TET2-C1298 MYYNGYKF	91	206
>TET2-C1298 MYYNGCKF	5	>TET2-C1298 MYYNGYKF	4	1
>TET2-C1298 MYYNGCKFA	784	>TET2-C1298 MYYNGYKFA	150	634
>TET2-C1298 MYYNGCKFA	732	>TET2-C1298 MYYNGYKFA	326	406
>TET2-C1298 MYYNGCKF	333	>TET2-C1298 MYYNGYKF	47	286
>TET2-C1298 MYYNGCKFA	749	>TET2-C1298 MYYNGYKFA	68	681
>TET2-C1298 MYYNGCKFA	8	>TET2-C1298 MYYNGYKFA	8	0
>TET2-C1298 MYYNGCKF	1435	>TET2-C1298 MYYNGYKF	423	1012

>TET2-C1298 MYYNGCKFA	28	>TET2-C1298 MYYNGYKFA	24	4
>TET2-C1298 MYYNGCKFA	209	>TET2-C1298 MYYNGYKFA	65	144
>TET2-C1298 MYYNGCKF	488	>TET2-C1298 MYYNGYKF	478	10
>TET2-C1298 MYYNGCKF	38	>TET2-C1298 MYYNGYKF	39	1
>TET2-C1298 MYYNGCKFA	296	>TET2-C1298 MYYNGYKFA	909	613
>TET2-C1298 MYYNGCKFA	23	>TET2-C1298 MYYNGYKFA	26	3
>TET2-C1298 MYYNGCKF	392	>TET2-C1298 MYYNGYKF	355	37
>TET2-C1298 MYYNGCKFA	17	>TET2-C1298 MYYNGYKFA	31	14
>TET2-C1298 SMYYNGCKF	208	>TET2-C1298 SMYYNGYKF	251	43
>TET2-C1298 SMYYNGCKF,	413	>TET2-C1298 SMYYNGYKF,	564	151
>TET2-C1298 SMYYNGCKF,	273	>TET2-C1298 SMYYNGYKF,	140	133
>TET2-C1298 SMYYNGCKF,	38	>TET2-C1298 SMYYNGYKF,	36	2
>TET2-C1298 SMYYNGCK	4130	>TET2-C1298 SMYYNGYK	452	3678
>TET2-C1298 SMYYNGCKF	197	>TET2-C1298 SMYYNGYKF	137	60
>TET2-C1298 SMYYNGCKF,	18	>TET2-C1298 SMYYNGYKF,	9	9
>TET2-C1298 SMYYNGCKF	1889	>TET2-C1298 SMYYNGYKF	410	1479
>TET2-C1298 SMYYNGCKF,	122	>TET2-C1298 SMYYNGYKF,	43	79
>TET2-C1298 SMYYNGCKF,	30	>TET2-C1298 SMYYNGYKF,	25	5
>TET2-C1298 SMYYNGCKF,	53	>TET2-C1298 SMYYNGYKF,	49	4
>TET2-C1298 SMYYNGCK	40	>TET2-C1298 SMYYNGYK	28	12
>TET2-C1298 SMYYNGCKF,	130	>TET2-C1298 SMYYNGYKF,	127	3
>TET2-C1298 SMYYNGCK	17	>TET2-C1298 SMYYNGYK	7	10
>TET2-C1298 SMYYNGCKF,	62	>TET2-C1298 SMYYNGYKF,	33	29
>TET2-C1298 SMYYNGCKF	1912	>TET2-C1298 SMYYNGYKF	70	1842
>TET2-C1298 SMYYNGCKF	1478	>TET2-C1298 SMYYNGYKF	329	1149
>TET2-C1298 SMYYNGCKF	521	>TET2-C1298 SMYYNGYKF	21	500
>TET2-C1298 SMYYNGCK	708	>TET2-C1298 SMYYNGYK	94	614
>TET2-C1298 SMYYNGCKF	4953	>TET2-C1298 SMYYNGYKF	327	4626
>TET2-C1298 SMYYNGCK	364	>TET2-C1298 SMYYNGYK	41	323
>TET2-C1298 SMYYNGCKF,	8	>TET2-C1298 SMYYNGYKF,	6	2
>TET2-C1298 SMYYNGCKF	66	>TET2-C1298 SMYYNGYKF	16	50
>TET2-C1298 SMYYNGCKF,	217	>TET2-C1298 SMYYNGYKF,	136	81
>TET2-C1298 SMYYNGCK	153	>TET2-C1298 SMYYNGYK	53	100
>TET2-C1298 SMYYNGCKF,	35	>TET2-C1298 SMYYNGYKF,	22	13
>TET2-C1298 SMYYNGCKF	37	>TET2-C1298 SMYYNGYKF	54	17
>TET2-C1298 SMYYNGCKF	23	>TET2-C1298 SMYYNGYKF	23	0
>TET2-C1298 SMYYNGCKF	3	>TET2-C1298 SMYYNGYKF	3	0
>TET2-C1298 SMYYNGCKF,	335	>TET2-C1298 SMYYNGYKF,	218	117
>TET2-C1298 SMYYNGCKF,	199	>TET2-C1298 SMYYNGYKF,	205	6
>TET2-C1298 SMYYNGCKF	33	>TET2-C1298 SMYYNGYKF	53	20
>TET2-C1298 SMYYNGCKF,	939	>TET2-C1298 SMYYNGYKF,	463	476
>TET2-C1298 SMYYNGCK	2995	>TET2-C1298 SMYYNGYK	202	2793
>TET2-C1298 SMYYNGCKF,	54	>TET2-C1298 SMYYNGYKF,	58	4

>TET2-C1298 WSMYYNGC	18658	>TET2-C1298 WSMYYNGY	75	18583
>TET2-C1298 WSMYYNGCf	463	>TET2-C1298 WSMYYNGYf	53	410
>TET2-C1298 WSMYYNGCf	316	>TET2-C1298 WSMYYNGYf	49	267
>TET2-C1298 WSMYYNGCf	1643	>TET2-C1298 WSMYYNGYf	335	1308
>TET2-C1298 WSMYYNGC	15627	>TET2-C1298 WSMYYNGY	225	15402
>TET2-C1298 WSMYYNGC	32850	>TET2-C1298 WSMYYNGY	224	32626
>TET2-C1298 WSMYYNGC	29944	>TET2-C1298 WSMYYNGY	345	29599
>TET2-C1298 WSMYYNGC	20898	>TET2-C1298 WSMYYNGY	129	20769
>TET2-C1298 WSMYYNGCf	269	>TET2-C1298 WSMYYNGYf	64	205
>TET2-C1298 WSMYYNGC	26054	>TET2-C1298 WSMYYNGY	70	25984
>TET2-C1298 WSMYYNGCf	798	>TET2-C1298 WSMYYNGYf	249	549
>TET2-C1298 WSMYYNGCf	92	>TET2-C1298 WSMYYNGYf	17	75
>TET2-C1298 WSMYYNGCf	351	>TET2-C1298 WSMYYNGYf	140	211
>TET2-C1298 WSMYYNGC	15183	>TET2-C1298 WSMYYNGY	96	15087
>TET2-C1298 WSMYYNGCf	119	>TET2-C1298 WSMYYNGYf	190	71
>TET2-C1298 WSMYYNGC	4722	>TET2-C1298 WSMYYNGY	40	4682
>TET2-C1298 WSMYYNGCf	16	>TET2-C1298 WSMYYNGYf	17	1
>TET2-C1298 WSMYYNGC	12286	>TET2-C1298 WSMYYNGY	10	12276
>TET2-C1298 WSMYYNGCf	9	>TET2-C1298 WSMYYNGYf	7	2
>TET2-C1298 WSMYYNGC	12661	>TET2-C1298 WSMYYNGY	94	12567
>TET2-C1298 WSMYYNGCf	284	>TET2-C1298 WSMYYNGYf	175	109
>TET2-C1298 WSMYYNGC	12858	>TET2-C1298 WSMYYNGY	193	12665
>TET2-C1298 WSMYYNGCf	18	>TET2-C1298 WSMYYNGYf	20	2
>TET2-C1298 SWSMYYNGC	1176	>TET2-C1298 SWSMYYNGY	213	963
>TET2-C1298 SWSMYYNGC	673	>TET2-C1298 SWSMYYNGY	107	566
>TET2-C1298 SWSMYYNGC	1599	>TET2-C1298 SWSMYYNGY	270	1329
>TET2-C1298 SWSMYYNGC	421	>TET2-C1298 SWSMYYNGY	155	266
>TET2-C1298 SWSMYYNGC	27	>TET2-C1298 SWSMYYNGY	17	10
>TET2-C1298 SWSMYYNGC	22047	>TET2-C1298 SWSMYYNGY	229	21818
>TET2-C1298 SWSMYYNGC	2658	>TET2-C1298 SWSMYYNGY	348	2310
>TET2-C1298 SWSMYYNGC	21987	>TET2-C1298 SWSMYYNGY	73	21914
>TET2-C1298 SWSMYYNGC	1162	>TET2-C1298 SWSMYYNGY	403	759
>TET2-C1298 SWSMYYNGC	442	>TET2-C1298 SWSMYYNGY	49	393
>TET2-C1298 SWSMYYNGC	59	>TET2-C1298 SWSMYYNGY	89	30
>TET2-C1298 SWSMYYNGC	137	>TET2-C1298 SWSMYYNGY	94	43
>TET2-C1298 CSWSMYYNC	28620	>TET2-C1298 CSWSMYYNC	78	28542
>TET2-C1298 CSWSMYYNC	1371	>TET2-C1298 CSWSMYYNC	212	1159
>TET2-C1298 CSWSMYYNC	70	>TET2-C1298 CSWSMYYNC	20	50
>TET2-C1298 CSWSMYYNC	29978	>TET2-C1298 CSWSMYYNC	434	29544
>TET2-C1298 CSWSMYYNC	2707	>TET2-C1298 CSWSMYYNC	407	2300
>TET2-C1298 CSWSMYYNC	22065	>TET2-C1298 CSWSMYYNC	39	22026
>TET2-C1298 CSWSMYYNC	150	>TET2-C1298 CSWSMYYNC	26	124
>TET2-C1298 CSWSMYYNC	313	>TET2-C1298 CSWSMYYNC	116	197

>TET2-C1298 CSWSMYYNC	7847	>TET2-C1298 CSWSMYYNC	107	7740
>TET2-C1298 CSWSMYYNC	19897	>TET2-C1298 CSWSMYYNC	45	19852
>TET2-C1298 CSWSMYYNC	2653	>TET2-C1298 CSWSMYYNC	437	2216
>TET2-C1358 CRLGLKEGRP	174	>TET2-C1358 GRLGLKEGRP	233	59
>TET2-C1358 CRLGLKEGR	172	>TET2-C1358 GRLGLKEGR	75	97
>TET2-C1358 CRLGLKEGRP	158	>TET2-C1358 GRLGLKEGRP	59	99
>TET2-C1358 CRLGLKEGRP	1217	>TET2-C1358 GRLGLKEGRP	340	877
>TET2-C1358 CRLGLKEGR	285	>TET2-C1358 GRLGLKEGR	2890	2605
>TET2-C1358 APECRLGL	42	>TET2-C1358 APEGRLGL	27	15
>TET2-C1358 RAPECRLGLK	315	>TET2-C1358 RAPEGRLGLK	375	60
>TET2-C1358 RAPECRLGLK	522	>TET2-C1358 RAPEGRLGLK	458	64
>TET2-C1358 RAPECRLGLK	393	>TET2-C1358 RAPEGRLGLK	222	171
>TET2-C1358 RAPECRLGL	674	>TET2-C1358 RAPEGRLGL	264	410
>TET2-C1358 RAPECRLGL	53	>TET2-C1358 RAPEGRLGL	88	35
>TET2-C1358 RAPECRLGL	474	>TET2-C1358 RAPEGRLGL	628	154
>TET2-C1358 HRAPECRLGL	46	>TET2-C1358 HRAPEGRLGL	37	9
>TET2-C1358 HRAPECRLGL	235	>TET2-C1358 HRAPEGRLGL	99	136
>TET2-C1358 HRAPECRLGL	187	>TET2-C1358 HRAPEGRLGL	103	84
>TET2-C1358 HRAPECRLGL	156	>TET2-C1358 HRAPEGRLGL	147	9
>TET2-C1358 HRAPECRLGL	272	>TET2-C1358 HRAPEGRLGL	190	82
>TET2-C1358 HRAPECRLGL	359	>TET2-C1358 HRAPEGRLGL	382	23
>TET2-C1358 EYEHRAPECR	281	>TET2-C1358 EYEHRAPEGR	137	144
>TET2-C1358 IEYEHRAPECF	452	>TET2-C1358 IEYEHRAPEGI	331	121
>TET2-C1358 IEYEHRAPECF	776	>TET2-C1358 IEYEHRAPEGI	394	382
>TET2-C1396 CTLTREDNR	102	>TET2-C1396 WTLTREDNR	139	37
>TET2-C1396 CTLTREDNRE	766	>TET2-C1396 WTLTREDNR	210	556
>TET2-C1396 CTLTREDNRE	70	>TET2-C1396 WTLTREDNR	13	57
>TET2-C1396 CTLTREDNRE	1754	>TET2-C1396 WTLTREDNR	71	1683
>TET2-C1396 VCTLTREDNR	4327	>TET2-C1396 VWTLTREDNR	82	4245
>TET2-C1396 HNMQNGSTI	20101	>TET2-C1396 HNMQNGSTI	111	19990
>TET2-C1396 LVCTLTREDN	426	>TET2-C1396 LVWTLTREDN	84	342
>TET2-C1396 LVCTLTREDN	105	>TET2-C1396 LVWTLTREDN	186	81
>TET2-C1396 LVCTLTREDN	748	>TET2-C1396 LVWTLTREDN	174	574
>TET2-C1396 TLVCTLTR	442	>TET2-C1396 TLVWTLTR	185	257
>TET2-C1396 TLVCTLTR	845	>TET2-C1396 TLVWTLTR	450	395
>TET2-C1396 TLVCTLTR	66	>TET2-C1396 TLVWTLTR	32	34
>TET2-C1396 TLVCTLTR	101	>TET2-C1396 TLVWTLTR	96	5
>TET2-C1396 STLVCTLTR	37	>TET2-C1396 STLVWTLTR	21	16
>TET2-C1396 STLVCTLTR	42	>TET2-C1396 STLVWTLTR	25	17
>TET2-C1396 STLVCTLTR	1944	>TET2-C1396 STLVWTLTR	462	1482
>TET2-C1396 STLVCTLTR	424	>TET2-C1396 STLVWTLTR	100	324
>TET2-C1396 STLVCTLTR	65	>TET2-C1396 STLVWTLTR	67	2
>TET2-C1396 STLVCTLTR	62	>TET2-C1396 STLVWTLTR	50	12

>TET2-C1396STLVCTLTR	52	>TET2-C1396STLVWTLTR	120	68
>TET2-C1396GSTLVCTLTR	150	>TET2-C1396GSTLVWTLTR	189	39
>TET2-C1396GSTLVCTLTR	173	>TET2-C1396GSTLVWTLTR	260	87
>TET2-C1396GSTLVCTLTR	287	>TET2-C1396GSTLVWTLTR	160	127
>TET2-C1396GSTLVCTL	173	>TET2-C1396GSTLVWTL	208	35
>TET2-C1396GSTLVCTLT	242	>TET2-C1396GSTLVWTLT	542	300
>TET2-C1396GSTLVCTLTR	1004	>TET2-C1396GSTLVWTLTR	381	623
>TET2-C1396NGSTLVCTLTR	385	>TET2-C1396NGSTLVWTLTR	360	25
>TET2-C1396NGSTLVCTLTR	113	>TET2-C1396NGSTLVWTLTR	121	8
>TET2-C1396MQNGSTLVC	337	>TET2-C1396MQNGSTLVV	63	274
>TET2-C1396MQNGSTLVC	51	>TET2-C1396MQNGSTLVV	21	30
>TET2-C1396MQNGSTLVC	53	>TET2-C1396MQNGSTLVV	39	14
>TET2-C1396MQNGSTLVC	19	>TET2-C1396MQNGSTLVV	8	11
>TET2-C1396MQNGSTLVC	137	>TET2-C1396MQNGSTLVV	52	85
>TET2-C1396MQNGSTLVC	829	>TET2-C1396MQNGSTLVV	136	693
>TET2-C1396MQNGSTLVC	780	>TET2-C1396MQNGSTLVV	339	441
>TET2-C1396MQNGSTLVC	1253	>TET2-C1396MQNGSTLVV	293	960
>TET2-C1396MQNGSTLVC	436	>TET2-C1396MQNGSTLVV	189	247
>TET2-C1396MQNGSTLVC	8348	>TET2-C1396MQNGSTLVV	379	7969
>TET2-C1396MQNGSTLVC	252	>TET2-C1396MQNGSTLVV	171	81
>TET2-C1396MQNGSTLVC	1020	>TET2-C1396MQNGSTLVV	57	963
>TET2-C1396MQNGSTLVC	60	>TET2-C1396MQNGSTLVV	169	109
>TET2-C1396MQNGSTLVC	846	>TET2-C1396MQNGSTLVV	55	791
>TET2-C1396MQNGSTLVC	29	>TET2-C1396MQNGSTLVV	31	2
>TET2-C1396MQNGSTLVC	22517	>TET2-C1396MQNGSTLVV	306	22211
>TET2-C1396MQNGSTLVC	18	>TET2-C1396MQNGSTLVV	9	9
>TET2-C1396MQNGSTLVC	702	>TET2-C1396MQNGSTLVV	322	380
>TET2-C1396MQNGSTLVC	22270	>TET2-C1396MQNGSTLVV	364	21906
>TET2-C1396MQNGSTLVC	234	>TET2-C1396MQNGSTLVV	74	160
>TET2-C1396MQNGSTLVC	31652	>TET2-C1396MQNGSTLVV	221	31431
>TET2-C1396MQNGSTLVC	16288	>TET2-C1396MQNGSTLVV	17	16271
>TET2-C1396MQNGSTLVC	29282	>TET2-C1396MQNGSTLVV	105	29177
>TET2-C1396MQNGSTLVC	22597	>TET2-C1396MQNGSTLVV	19	22578
>TET2-C1396NMQNGSTLV	5093	>TET2-C1396NMQNGSTLV	240	4853
>TET2-C1396NMQNGSTLV	4856	>TET2-C1396NMQNGSTLV	286	4570
>TET2-C1396NMQNGSTLV	21568	>TET2-C1396NMQNGSTLV	325	21243
>TET2-C1875CAKRELHA	956	>TET2-C1875RAKRELHA	13	943
>TET2-C1875CAKRELHAT	9345	>TET2-C1875RAKRELHAT	394	8951
>TET2-C1875CAKRELHATT	5121	>TET2-C1875RAKRELHATT	106	5015
>TET2-C1875IECAKREL	155	>TET2-C1875IERAKREL	1648	1493
>TET2-C1875IECAKREL	1393	>TET2-C1875IERAKREL	221	1172
>TET2-C1875ILIECAKREL	79	>TET2-C1875ILIERAKREL	345	266
>TET2-C1875ILIECAKREL	183	>TET2-C1875ILIERAKREL	318	135

>TET2-C1875 ILIECAKREL	29	>TET2-C1875 ILIERAKREL	28	1
>TET2-C1875 ILIECAKREL	61	>TET2-C1875 ILIERAKREL	181	120
>TET2-C1875 ILIECAKREL	13	>TET2-C1875 ILIERAKREL	11	2
>TET2-C1875 ILIECAKR	526	>TET2-C1875 ILIERAKR	171	355
>TET2-C1875 ILIECAKR	481	>TET2-C1875 ILIERAKR	222	259
>TET2-C1875 ILIECAKR	111	>TET2-C1875 ILIERAKR	104	7
>TET2-C1875 ILIECAKR	148	>TET2-C1875 ILIERAKR	310	162
>TET2-C1875 SILIECAK	60	>TET2-C1875 SILIERAK	101	41
>TET2-C1875 SILIECAK	696	>TET2-C1875 SILIERAK	483	213
>TET2-C1875 SILIECAKR	514	>TET2-C1875 SILIERAKR	61	453
>TET2-C1875 SILIECAKR	346	>TET2-C1875 SILIERAKR	320	26
>TET2-C1875 SILIECAKR	238	>TET2-C1875 SILIERAKR	155	83
>TET2-C1875 GSILIECAK	60	>TET2-C1875 GSILIERAK	243	183
>TET2-C1875 GSILIECAKR	163	>TET2-C1875 GSILIERAKR	39	124
>TET2-C1875 GSILIECAK	416	>TET2-C1875 GSILIERAK	1981	1565
>TET2-C1875 GSILIECAKR	34	>TET2-C1875 GSILIERAKR	50	16
>TET2-C1875 HGSILIEC	21928	>TET2-C1875 HGSILIER	322	21606
>TET2-C1875 HGSILIECAKR	776	>TET2-C1875 HGSILIERAKR	301	475
>TET2-C1875 HGSILIEC	41849	>TET2-C1875 HGSILIER	324	41525
>TET2-C1875 HGSILIECAKR	414	>TET2-C1875 HGSILIERAKR	442	28
>TET2-C1875 HGSILIEC	35659	>TET2-C1875 HGSILIER	193	35466
>TET2-C1875 HGSILIECAKR	345	>TET2-C1875 HGSILIERAKR	215	130
>TET2-C1875 PTHGSILIEC	36433	>TET2-C1875 PTHGSILIER	138	36295
>TET2-D1242 DKLYSELTETL	361	>TET2-D1242 VKLYSELTETL	17	344
>TET2-D1242 ADKLYSEL	3357	>TET2-D1242 AVKLYSEL	342	3015
>TET2-D1242 ADKLYSEL	12142	>TET2-D1242 AVKLYSEL	173	11969
>TET2-D1242 ADKLYSEL	186	>TET2-D1242 AVKLYSEL	25796	25610
>TET2-D1242 VWEGIPLSLA	534	>TET2-D1242 VWEGIPLSLA	136	398
>TET2-D1242 LADKLYSEL	982	>TET2-D1242 LAVKLYSEL	93	889
>TET2-D1242 LADKLYSEL	5594	>TET2-D1242 LAVKLYSEL	355	5239
>TET2-D1242 LADKLYSEL	1610	>TET2-D1242 LAVKLYSEL	226	1384
>TET2-D1242 LADKLYSEL	373	>TET2-D1242 LAVKLYSEL	99	274
>TET2-D1242 SLADKLYSEL	202	>TET2-D1242 SLAVKLYSEL	618	416
>TET2-D1242 SLADKLYSELT	86	>TET2-D1242 SLAVKLYSELT	779	693
>TET2-D1242 SLADKLYS	115	>TET2-D1242 SLAVKLYS	571	456
>TET2-D1242 SLADKLYSE	107	>TET2-D1242 SLAVKLYSE	1263	1156
>TET2-D1242 SLADKLYSEL	14	>TET2-D1242 SLAVKLYSEL	39	25
>TET2-D1242 SLADKLYSELT	10	>TET2-D1242 SLAVKLYSELT	35	25
>TET2-D1242 SLADKLYS	388	>TET2-D1242 SLAVKLYS	2291	1903
>TET2-D1242 SLADKLYSEL	33	>TET2-D1242 SLAVKLYSEL	63	30
>TET2-D1242 SLADKLYSELT	34	>TET2-D1242 SLAVKLYSELT	263	229
>TET2-D1242 SLADKLYSEL	289	>TET2-D1242 SLAVKLYSEL	633	344
>TET2-D1242 SLADKLYSELT	291	>TET2-D1242 SLAVKLYSELT	2490	2199



>TET2-D1242SLADKLYS	195	>TET2-D1242SLAVKLYS	1453	1258
>TET2-D1242SLADKLYSEL	5	>TET2-D1242SLAVKLYSEL	26	21
>TET2-D1242SLADKLYSEL	83	>TET2-D1242SLAVKLYSEL	1049	966
>TET2-D1242SLADKLYSEL	14	>TET2-D1242SLAVKLYSEL	64	50
>TET2-D1242SLADKLYSEL	7	>TET2-D1242SLAVKLYSEL	16	9
>TET2-D1242SLADKLYSEL	141	>TET2-D1242SLAVKLYSEL	1051	910
>TET2-D1242SLADKLYSEL	35	>TET2-D1242SLAVKLYSEL	181	146
>TET2-D1242SLADKLYS	81	>TET2-D1242SLAVKLYS	1864	1783
>TET2-D1242SLADKLYSE	324	>TET2-D1242SLAVKLYSE	7439	7115
>TET2-D1242SLADKLYSEL	2	>TET2-D1242SLAVKLYSEL	4	2
>TET2-D1242SLADKLYSEL	17	>TET2-D1242SLAVKLYSEL	222	205
>TET2-D1242LSLADKLY	109	>TET2-D1242LSLAVKLY	130	21
>TET2-D1242LSLADKLY	319	>TET2-D1242LSLAVKLY	441	122
>TET2-D1242LSLADKLY	521	>TET2-D1242LSLAVKLY	293	228
>TET2-D1242LSLADKLYSEL	393	>TET2-D1242LSLAVKLYSEL	435	42
>TET2-D1242LSLADKLY	9	>TET2-D1242LSLAVKLY	9	0
>TET2-D1242LSLADKLYSEL	32	>TET2-D1242LSLAVKLYSEL	39	7
>TET2-D1242LSLADKLY	341	>TET2-D1242LSLAVKLY	236	105
>TET2-D1242LSLADKLY	307	>TET2-D1242LSLAVKLY	64	243
>TET2-D1242LSLADKLYSEL	679	>TET2-D1242LSLAVKLYSEL	160	519
>TET2-D1242LSLADKLY	199	>TET2-D1242LSLAVKLY	51	148
>TET2-D1242LSLADKLYSEL	132	>TET2-D1242LSLAVKLYSEL	51	81
>TET2-D1242LSLADKLYSEL	647	>TET2-D1242LSLAVKLYSEL	467	180
>TET2-D1242PLSLADKL	1335	>TET2-D1242PLSLAVKL	233	1102
>TET2-D1242PLSLADKLY	304	>TET2-D1242PLSLAVKLY	509	205
>TET2-D1242IPLSLADKL	27	>TET2-D1242IPLSLAVKL	13	14
>TET2-D1242IPLSLADKL	898	>TET2-D1242IPLSLAVKL	418	480
>TET2-D1242IPLSLADKL	621	>TET2-D1242IPLSLAVKL	470	151
>TET2-D1242IPLSLADKLY	182	>TET2-D1242IPLSLAVKLY	634	452
>TET2-D1242IPLSLADKL	350	>TET2-D1242IPLSLAVKL	181	169
>TET2-D1242IPLSLADKLY	449	>TET2-D1242IPLSLAVKLY	846	397
>TET2-D1242IPLSLADKLY	745	>TET2-D1242IPLSLAVKLY	202	543
>TET2-D1242IPLSLADKL	206	>TET2-D1242IPLSLAVKL	48	158
>TET2-D1242IPLSLADKLY	64	>TET2-D1242IPLSLAVKLY	34	30
>TET2-D1242GIPLSLAD	21706	>TET2-D1242GIPLSLAV	108	21598
>TET2-D1242GIPLSLAD	25372	>TET2-D1242GIPLSLAV	103	25269
>TET2-D1242GIPLSLAD	29830	>TET2-D1242GIPLSLAV	250	29580
>TET2-D1242GIPLSLAD	25790	>TET2-D1242GIPLSLAV	270	25520
>TET2-D1242GIPLSLAD	35286	>TET2-D1242GIPLSLAV	61	35225
>TET2-D1242GIPLSLADK	938	>TET2-D1242GIPLSLAVK	446	492
>TET2-D1242GIPLSLADKL	563	>TET2-D1242GIPLSLAVKL	196	367
>TET2-D1242EGIPLSLAD	20838	>TET2-D1242EGIPLSLAV	99	20739
>TET2-D1242EGIPLSLAD	19419	>TET2-D1242EGIPLSLAV	268	19151

>TET2-D1242WEGIPLSLAD	18896	>TET2-D1242WEGIPLSLAV	65	18831
>TET2-D137€DFCAHAHR	146	>TET2-D137€EFCAHAHR	82	64
>TET2-D137€DFCAHAHR	10	>TET2-D137€EFCAHAHR	17	7
>TET2-D137€DFCAHAHR	115	>TET2-D137€EFCAHAHR	28	87
>TET2-D137€DFCAHAHR	74	>TET2-D137€EFCAHAHR	28	46
>TET2-D137€LDFCAHAHR	882	>TET2-D137€LEFCAHAHR	341	541
>TET2-D137€LDFCAHAHR	274	>TET2-D137€LEFCAHAHR	259	15
>TET2-D137€LDFCAHAHRI	2165	>TET2-D137€LEFCAHAHRE	258	1907
>TET2-D137€LDFCAHAH	2498	>TET2-D137€LEFCAHAH	18	2480
>TET2-D137€LDFCAHAHR	17821	>TET2-D137€LEFCAHAHR	271	17550
>TET2-D137€LDFCAHAHRI	9440	>TET2-D137€LEFCAHAHRE	45	9395
>TET2-D137€LDFCAHAHRI	10096	>TET2-D137€LEFCAHAHRE	17	10079
>TET2-D137€LDFCAHAHRI	2179	>TET2-D137€LEFCAHAHRE	269	1910
>TET2-D137€LDFCAHAHRI	17640	>TET2-D137€LEFCAHAHRE	315	17325
>TET2-D137€LDFCAHAHRI	5993	>TET2-D137€LEFCAHAHRE	262	5731
>TET2-D137€LDFCAHAHR	342	>TET2-D137€LEFCAHAHR	128	214
>TET2-D137€CLDFCAHA	469	>TET2-D137€CLEFCAHA	815	346
>TET2-D137€CLDFCAHAHF	39	>TET2-D137€CLEFCAHAHR	52	13
>TET2-D137€CLDFCAHAHF	203	>TET2-D137€CLEFCAHAHR	211	8
>TET2-D137€CLDFCAHAH	341	>TET2-D137€CLEFCAHAH	342	1
>TET2-D137€CLDFCAHAHF	111	>TET2-D137€CLEFCAHAHR	111	0
>TET2-D137€CLDFCAHAHF	146	>TET2-D137€CLEFCAHAHR	71	75
>TET2-D137€ACLDFCAHAH	92	>TET2-D137€ACLEFCAHAH	128	36
>TET2-D137€ACLDFCAHAH	97	>TET2-D137€ACLEFCAHAH	168	71
>TET2-D137€VTACLDFCA	69	>TET2-D137€VTACLEFCA	277	208
>TET2-D137€VTACLDFCAH	31	>TET2-D137€VTACLEFCAH	63	32
>TET2-D137€SGVTACLDF	109	>TET2-D137€SGVTACLEF	407	298
>TET2-D137€SGVTACLDF	1038	>TET2-D137€SGVTACLEF	497	541
>TET2-D137€FSGVTACLDF	485	>TET2-D137€FSGVTACLEF	173	312
>TET2-D137€FSGVTACLDF	94	>TET2-D137€FSGVTACLEF	58	36
>TET2-D137€FSGVTACLDF	27	>TET2-D137€FSGVTACLEF	11	16
>TET2-D137€FSGVTACLDF	402	>TET2-D137€FSGVTACLEF	75	327
>TET2-D137€FSGVTACLDF	354	>TET2-D137€FSGVTACLEF	192	162
>TET2-D137€PFSGVTACLD	274	>TET2-D137€PFSGVTACLEF	155	119
>TET2-D137€PFSGVTACLD	206	>TET2-D137€PFSGVTACLEF	63	143
>TET2-D137€PFSGVTACLD	390	>TET2-D137€PFSGVTACLEF	408	18
>TET2-D137€DFCAHAHR	146	>TET2-D137€GFCAHAHR	24	122
>TET2-D137€DFCAHAHR	10	>TET2-D137€GFCAHAHR	257	247
>TET2-D137€DFCAHAHR	115	>TET2-D137€GFCAHAHR	2120	2005
>TET2-D137€DFCAHAHR	74	>TET2-D137€GFCAHAHR	92	18
>TET2-D137€LDFCAHAHR	882	>TET2-D137€LGFCAHAHR	53	829
>TET2-D137€LDFCAHAHR	274	>TET2-D137€LGFCAHAHR	85	189
>TET2-D137€LDFCAHAHR	342	>TET2-D137€LGFCAHAHR	95	247

>TET2-D137€CLDFCAHA	469	>TET2-D137€CLGFCAHA	365	104
>TET2-D137€CLDFCAHAHF	717	>TET2-D137€CLGFCAHAHF	471	246
>TET2-D137€CLDFCAHAHF	39	>TET2-D137€CLGFCAHAHF	26	13
>TET2-D137€CLDFCAHAHF	203	>TET2-D137€CLGFCAHAHF	139	64
>TET2-D137€CLDFCAHAH	341	>TET2-D137€CLGFCAHAH	915	574
>TET2-D137€CLDFCAHAHF	111	>TET2-D137€CLGFCAHAHF	60	51
>TET2-D137€CLDFCAHAHF	146	>TET2-D137€CLGFCAHAHF	39	107
>TET2-D137€ACLDFCAHAH	92	>TET2-D137€ACLGFCAHAH	140	48
>TET2-D137€ACLDFCAHAH	97	>TET2-D137€ACLGFCAHAH	126	29
>TET2-D137€VTACLDFCA	69	>TET2-D137€VTACLGFCA	247	178
>TET2-D137€VTACLDFCAH	31	>TET2-D137€VTACLGFCAH	61	30
>TET2-D137€SGVTACLDF	109	>TET2-D137€SGVTACLGF	3877	3768
>TET2-D137€FSGVTACLDF	485	>TET2-D137€FSGVTACLGF	196	289
>TET2-D137€FSGVTACLDF	94	>TET2-D137€FSGVTACLGF	135	41
>TET2-D137€FSGVTACLDF	27	>TET2-D137€FSGVTACLGF	9	18
>TET2-D137€FSGVTACLDF	402	>TET2-D137€FSGVTACLGF	148	254
>TET2-D137€FSGVTACLDF	354	>TET2-D137€FSGVTACLGF	250	104
>TET2-D137€PFSGVTACLDF	274	>TET2-D137€PFSGVTACLGF	728	454
>TET2-D137€PFSGVTACLDF	206	>TET2-D137€PFSGVTACLGF	177	29
>TET2-D137€PFSGVTACLDF	390	>TET2-D137€PFSGVTACLGF	743	353
>TET2-D137€DFCAHAHR	146	>TET2-D137€NFCAHAHR	44	102
>TET2-D137€DFCAHAHR	10	>TET2-D137€NFCAHAHR	23	13
>TET2-D137€DFCAHAHR	115	>TET2-D137€NFCAHAHR	163	48
>TET2-D137€DFCAHAHR	74	>TET2-D137€NFCAHAHR	26	48
>TET2-D137€LDFCAHAHR	882	>TET2-D137€LNFCAHAHR	81	801
>TET2-D137€LDFCAHAHR	274	>TET2-D137€LNFCAHAHR	51	223
>TET2-D137€LDFCAHAHR	342	>TET2-D137€LNFCAHAHR	134	208
>TET2-D137€CLDFCAHA	657	>TET2-D137€CLNFCAHA	184	473
>TET2-D137€CLDFCAHA	922	>TET2-D137€CLNFCAHA	46	876
>TET2-D137€CLDFCAHA	469	>TET2-D137€CLNFCAHA	274	195
>TET2-D137€CLDFCAHAHF	717	>TET2-D137€CLNFCAHAHF	257	460
>TET2-D137€CLDFCAHAHF	39	>TET2-D137€CLNFCAHAHF	12	27
>TET2-D137€CLDFCAHAHF	203	>TET2-D137€CLNFCAHAHF	69	134
>TET2-D137€CLDFCAHAHF	558	>TET2-D137€CLNFCAHAHF	240	318
>TET2-D137€CLDFCAHAH	341	>TET2-D137€CLNFCAHAH	478	137
>TET2-D137€CLDFCAHAHF	111	>TET2-D137€CLNFCAHAHF	81	30
>TET2-D137€CLDFCAHAHF	146	>TET2-D137€CLNFCAHAHF	63	83
>TET2-D137€ACLDFCAHAH	92	>TET2-D137€ACLNFCAHAH	64	28
>TET2-D137€ACLDFCAHAH	97	>TET2-D137€ACLNFCAHAH	191	94
>TET2-D137€VTACLDFCA	69	>TET2-D137€VTACLNFCA	42	27
>TET2-D137€VTACLDFCAH	31	>TET2-D137€VTACLNFCAH	30	1
>TET2-D137€SGVTACLDF	109	>TET2-D137€SGVTACLNF	137	28
>TET2-D137€FSGVTACLDF	485	>TET2-D137€FSGVTACLNF	360	125

>TET2-D137€ FSGVTA CLDF	94	>TET2-D137€ FSGVTA CLNF	53	41
>TET2-D137€ FSGVTA CLDF	27	>TET2-D137€ FSGVTA CLNF	10	17
>TET2-D137€ FSGVTA CLDF	402	>TET2-D137€ FSGVTA CLNF	112	290
>TET2-D137€ FSGVTA CLDF	354	>TET2-D137€ FSGVTA CLNF	218	136
>TET2-D137€ PFSGVTA CLD	274	>TET2-D137€ PFSGVTA CLN	139	135
>TET2-D137€ PFSGVTA CLD	206	>TET2-D137€ PFSGVTA CLN	131	75
>TET2-D137€ PFSGVTA CLD	390	>TET2-D137€ PFSGVTA CLN	575	185
>TET2-D1384 DLHNMQNG!	5632	>TET2-D1384 HLHNMQNG!	206	5426
>TET2-D1384 DLHNMQNG!	5128	>TET2-D1384 HLHNMQNG!	97	5031
>TET2-D1384 DLHNMQNG!	859	>TET2-D1384 HLHNMQNG!	66	793
>TET2-D1384 DLHNMQNG!	1361	>TET2-D1384 HLHNMQNG!	35	1326
>TET2-D1384 DLHNMQNG!	2634	>TET2-D1384 HLHNMQNG!	321	2313
>TET2-D1384 DLHNMQNG!	89	>TET2-D1384 HLHNMQNG!	5	84
>TET2-D1384 DLHNMQNG!	2254	>TET2-D1384 HLHNMQNG!	400	1854
>TET2-D1384 CLDFCAHAHF	9446	>TET2-D1384 CLDFCAHAHF	378	9068
>TET2-D1384 HRDLHNMQ!	1391	>TET2-D1384 HRHLHNMQ!	490	901
>TET2-D1384 AHRDLHNM	665	>TET2-D1384 AHRHLHNM	150	515
>TET2-D1384 HAHRDLHNM	61	>TET2-D1384 HAHRHLHNM	39	22
>TET2-D1384 HAHRDLHN	4103	>TET2-D1384 HAHRHLHN	411	3692
>TET2-D1384 HAHRDLHNM	476	>TET2-D1384 HAHRHLHNM	55	421
>TET2-D1384 HAHRDLHNM	944	>TET2-D1384 HAHRHLHNM	228	716
>TET2-D1384 HAHRDLHNM	8598	>TET2-D1384 HAHRHLHNM	299	8299
>TET2-D1384 HAHRDLHNM	1163	>TET2-D1384 HAHRHLHNM	293	870
>TET2-D1384 AHAHRDLHN	1364	>TET2-D1384 AHAHRHLHN	461	903
>TET2-D1384 DLHNMQNG!	5632	>TET2-D1384 VLHNMQNG!	305	5327
>TET2-D1384 DLHNMQNG!	5128	>TET2-D1384 VLHNMQNG!	54	5074
>TET2-D1384 DLHNMQNG!	859	>TET2-D1384 VLHNMQNG!	13	846
>TET2-D1384 DLHNMQNG!	1361	>TET2-D1384 VLHNMQNG!	24	1337
>TET2-D1384 DLHNMQNG!	2634	>TET2-D1384 VLHNMQNG!	86	2548
>TET2-D1384 DLHNMQNG!	10410	>TET2-D1384 VLHNMQNG!	277	10133
>TET2-D1384 DLHNMQNG!	89	>TET2-D1384 VLHNMQNG!	3	86
>TET2-D1384 DLHNMQNG!	6089	>TET2-D1384 VLHNMQNG!	496	5593
>TET2-D1384 RDLHNMQNG!	15185	>TET2-D1384 RVLHNMQNG!	447	14738
>TET2-D1384 CLDFCAHAHF	23584	>TET2-D1384 CLDFCAHAHF	65	23519
>TET2-D1384 CLDFCAHAHF	17353	>TET2-D1384 CLDFCAHAHF	58	17295
>TET2-D1384 CLDFCAHAHF	23378	>TET2-D1384 CLDFCAHAHF	215	23163
>TET2-D1384 CLDFCAHAHF	29256	>TET2-D1384 CLDFCAHAHF	354	28902
>TET2-D1384 CLDFCAHAHF	20019	>TET2-D1384 CLDFCAHAHF	11	20008
>TET2-D1384 CLDFCAHAHF	16519	>TET2-D1384 CLDFCAHAHF	12	16507
>TET2-D1384 CLDFCAHAHF	23515	>TET2-D1384 CLDFCAHAHF	52	23463
>TET2-D1384 CLDFCAHAHF	23967	>TET2-D1384 CLDFCAHAHF	4	23963
>TET2-D1384 CLDFCAHAHF	22241	>TET2-D1384 CLDFCAHAHF	7	22234
>TET2-D1384 HRDLHNMQ!	1391	>TET2-D1384 HRVLHNMQ!	323	1068

>TET2-D1384AHRDLHNM	665	>TET2-D1384AHRVLHNM	468	197
>TET2-D1384HAHRDLHNM	61	>TET2-D1384HAHRVLHNM	259	198
>TET2-D1384HAHRDLHNM	476	>TET2-D1384HAHRVLHNM	102	374
>TET2-D1384HAHRDLHNM	944	>TET2-D1384HAHRVLHNM	354	590
>TET2-D1384HAHRDLHNM	3294	>TET2-D1384HAHRVLHNM	324	2970
>TET2-D1384FCAHAHRD	20710	>TET2-D1384FCAHAHRV	73	20637
>TET2-D1384FCAHAHRD	29555	>TET2-D1384FCAHAHRV	351	29204
>TET2-D1384FCAHAHRD	35349	>TET2-D1384FCAHAHRV	56	35293
>TET2-D1384FCAHAHRD	17609	>TET2-D1384FCAHAHRV	72	17537
>TET2-D1384FCAHAHRD	19961	>TET2-D1384FCAHAHRV	265	19696
>TET2-D1384LDFCAHAHRD	24155	>TET2-D1384LDFCAHAHRV	381	23774
>TET2-D1427DEFGSVEA	21282	>TET2-D1427YFGSVEA	390	20892
>TET2-D1427DEFGSVEA	37	>TET2-D1427YFGSVEA	125	88
>TET2-D1427DEFGSVEAQ	13	>TET2-D1427YFGSVEAQ	33	20
>TET2-D1427DEFGSVEAQE	78	>TET2-D1427YFGSVEAQE	294	216
>TET2-D1427DEFGSVEA	7950	>TET2-D1427YFGSVEA	363	7587
>TET2-D1427DEFGSVEAQ	8738	>TET2-D1427YFGSVEAQ	440	8298
>TET2-D1427DEFGSVEA	1264	>TET2-D1427YFGSVEA	39	1225
>TET2-D1427DEFGSVEAQ	6955	>TET2-D1427YFGSVEAQ	499	6456
>TET2-D1427DEFGSVEA	248	>TET2-D1427YFGSVEA	70	178
>TET2-D1427DVDEFGSV	16750	>TET2-D1427DVYFGSV	65	16685
>TET2-D1427DVDEFGSV	436	>TET2-D1427DVYFGSV	79	357
>TET2-D1427DVDEFGSV	1654	>TET2-D1427DVYFGSV	470	1184
>TET2-D1427DVDEFGSV	1600	>TET2-D1427DVYFGSV	232	1368
>TET2-D1427DVDEFGSVEA	15450	>TET2-D1427DVYFGSVEA	442	15008
>TET2-D1427DVDEFGSVEA	9669	>TET2-D1427DVYFGSVEA	434	9235
>TET2-D1427DVDEFGSV	358	>TET2-D1427DVYFGSV	24	334
>TET2-D1427DVDEFGSVEA	3776	>TET2-D1427DVYFGSVEA	259	3517
>TET2-D1427DVDEFGSV	8	>TET2-D1427DVYFGSV	5	3
>TET2-D1427DVDEFGSVEA	113	>TET2-D1427DVYFGSVEA	38	75
>TET2-D1427SDVDEFGSV	46	>TET2-D1427SDVYFGSV	126	80
>TET2-D1427KVSDVDEFGS	272	>TET2-D1427KVSDVYFGS	215	57
>TET2-D1427KVSDVDEFGS	36	>TET2-D1427KVSDVYFGS	29	7
>TET2-D1427KVSDVDEFGS	34	>TET2-D1427KVSDVYFGS	12	22
>TET2-D1427KVSDVDEF	562	>TET2-D1427KVSDVYEF	275	287
>TET2-D1427KVSDVDEFGS	18	>TET2-D1427KVSDVYFGS	11	7
>TET2-D1427KVSDVDEFGS	59	>TET2-D1427KVSDVYFGS	53	6
>TET2-D1427KVSDVDEFGS	466	>TET2-D1427KVSDVYFGS	535	69
>TET2-D1427KVSDVDEFGS	129	>TET2-D1427KVSDVYFGS	162	33
>TET2-D1427KVSDVDEFGS	24	>TET2-D1427KVSDVYFGS	35	11
>TET2-D1427KVSDVDEF	1640	>TET2-D1427KVSDVYEF	360	1280
>TET2-D1427KVSDVDEF	78	>TET2-D1427KVSDVYEF	26	52
>TET2-D1427KVSDVDEFGS	107	>TET2-D1427KVSDVYFGS	79	28

>TET2-D1427KVSDVDEF	708	>TET2-D1427KVSDVYEF	391	317
>TET2-D1427KVSDVDEF	1406	>TET2-D1427KVSDVYEF	352	1054
>TET2-D1427KVSDVDEF	540	>TET2-D1427KVSDVYEF	286	254
>TET2-D1427KVSDVDEF	58	>TET2-D1427KVSDVYEF	32	26
>TET2-D1427KVSDVDEF	1605	>TET2-D1427KVSDVYEF	235	1370
>TET2-D1427YKVSDVDEF	4828	>TET2-D1427YKVSDVYEF	423	4405
>TET2-D1427YKVSDVDEF	125	>TET2-D1427YKVSDVYEF	175	50
>TET2-D1427YKVSDVDEF	3	>TET2-D1427YKVSDVYEF	2	1
>TET2-D1427YKVSDVDEF	876	>TET2-D1427YKVSDVYEF	464	412
>TET2-D1427YKVSDVDEF	3151	>TET2-D1427YKVSDVYEF	195	2956
>TET2-D1427LYKVSDVDEF	454	>TET2-D1427LYKVSDVYEF	22	432
>TET2-D1427LYKVSDVDEF	357	>TET2-D1427LYKVSDVYEF	44	313
>TET2-D1427LYKVSDVDEF	8	>TET2-D1427LYKVSDVYEF	8	0
>TET2-D1427LYKVSDVDEF	3159	>TET2-D1427LYKVSDVYEF	291	2868
>TET2-D1427LYKVSDVD	31101	>TET2-D1427LYKVSDVY	258	30843
>TET2-D1427LYKVSDVDEF	496	>TET2-D1427LYKVSDVYEF	221	275
>TET2-D1427PLYKVSDVDE	1549	>TET2-D1427PLYKVSDVYEF	326	1223
>TET2-D1427PLYKVSDVDE	1067	>TET2-D1427PLYKVSDVYEF	223	844
>TET2-D1427PLYKVSDVD	22283	>TET2-D1427PLYKVSDVY	395	21888
>TET2-D1427PLYKVSDVD	31062	>TET2-D1427PLYKVSDVY	225	30837
>TET2-D1427PLYKVSDVDE	283	>TET2-D1427PLYKVSDVYEF	138	145
>TET2-D1427LPLYKVSDVD	8282	>TET2-D1427LPLYKVSDVY	34	8248
>TET2-D1427LPLYKVSDVD	6102	>TET2-D1427LPLYKVSDVY	164	5938
>TET2-D1427LPLYKVSDVD	344	>TET2-D1427LPLYKVSDVY	294	50
>TET2-D1427LPLYKVSDVD	28953	>TET2-D1427LPLYKVSDVY	66	28887
>TET2-D1427LPLYKVSDVD	9882	>TET2-D1427LPLYKVSDVY	25	9857
>TET2-D1844DEVWSDSEQ	1272	>TET2-D1844GEVWSDSEQ	378	894
>TET2-D1844DEVWSDSE	271	>TET2-D1844GEVWSDSE	14765	14494
>TET2-D1844DEVWSDSEQ	55	>TET2-D1844GEVWSDSEQ	8347	8292
>TET2-D1844DEVWSDSEQ	5	>TET2-D1844GEVWSDSEQ	297	292
>TET2-D1844DEVWSDSEQ	920	>TET2-D1844GEVWSDSEQ	24	896
>TET2-D1844DEVWSDSEQ	5108	>TET2-D1844GEVWSDSEQ	234	4874
>TET2-D1844DEVWSDSEQ	439	>TET2-D1844GEVWSDSEQ	205	234
>TET2-D1844DEVWSDSEQ	106	>TET2-D1844GEVWSDSEQ	58	48
>TET2-D1844DEVWSDSEQ	10945	>TET2-D1844GEVWSDSEQ	184	10761
>TET2-D1844AEDNDEVW	237	>TET2-D1844AEDNDEVW	304	67
>TET2-D1844AEDNDEVW	152	>TET2-D1844AEDNDEVW	125	27
>TET2-D1844AEDNDEVWS	539	>TET2-D1844AEDNDEVWS	288	251
>TET2-D1844GAEDNDEVW	334	>TET2-D1844GAEDNDEVW	207	127
>TET2-D1844GAEDNDEVW	100	>TET2-D1844GAEDNDEVW	301	201
>TET2-D1844SGAEDNDEV	418	>TET2-D1844SGAEDNDEV	593	175
>TET2-D1844SGAEDNDEV'	292	>TET2-D1844SGAEDNDEV'	794	502
>TET2-D1844ASGAEDNDEV'	69	>TET2-D1844ASGAEDNDEV'	43	26

>TET2-D1844ASGAEDNDE'	166	>TET2-D1844ASGAEDNGE'	178	12
>TET2-D1844ASGAEDNDE'	29	>TET2-D1844ASGAEDNGE'	31	2
>TET2-D1844VASGAEDND	275	>TET2-D1844VASGAEDNG	341	66
>TET2-E1144EGPFYTHL	591	>TET2-E1144KGPFFYTHL	44	547
>TET2-E1144EGPFYTHL	466	>TET2-E1144KGPFFYTHL	17117	16651
>TET2-E1144DEGPFYTH	33	>TET2-E1144DKGPFFYTH	10299	10266
>TET2-E1144DEGPFYTHL	55	>TET2-E1144DKGPFFYTHL	15564	15509
>TET2-E1144DEGPFYTHLG	272	>TET2-E1144DKGPFFYTHLG	20665	20393
>TET2-E1144DEGPFYTHLG	172	>TET2-E1144DKGPFFYTHLG	26736	26564
>TET2-E1144IEKDEGPFY	253	>TET2-E1144IEKDKGPFY	361	108
>TET2-E1144IEKDEGPF	386	>TET2-E1144IEKDKGPF	343	43
>TET2-E1144IEKDEGPF	193	>TET2-E1144IEKDKGPF	372	179
>TET2-E1144IEKDEGPFY	470	>TET2-E1144IEKDKGPFY	1020	550
>TET2-E1144IEKDEGPF	126	>TET2-E1144IEKDKGPF	110	16
>TET2-E1144IEKDEGPFY	99	>TET2-E1144IEKDKGPFY	221	122
>TET2-E1144IEKDEGPFY	285	>TET2-E1144IEKDKGPFY	418	133
>TET2-E1144IIEKDEGPFY	363	>TET2-E1144IIEKDKGPFY	226	137
>TET2-E1144QIIEKDEGPFY	101	>TET2-E1144QIIEKDKGPFY	107	6
>TET2-E1144QIIEKDEGPF	30	>TET2-E1144QIIEKDKGPF	65	35
>TET2-E1144QIIEKDEGPFY	7	>TET2-E1144QIIEKDKGPFY	11	4
>TET2-E1144QIIEKDEGPFY	128	>TET2-E1144QIIEKDKGPFY	79	49
>TET2-E1144QIIEKDEGPFY	51	>TET2-E1144QIIEKDKGPFY	80	29
>TET2-E1144QIIEKDEGPFY	211	>TET2-E1144QIIEKDKGPFY	276	65
>TET2-E1144QIIEKDEGPFY	425	>TET2-E1144QIIEKDKGPFY	598	173
>TET2-E1144QIIEKDEGPF	429	>TET2-E1144QIIEKDKGPF	520	91
>TET2-E1144EQIIEKDEGPF	257	>TET2-E1144EQIIEKDKGPF	438	181
>TET2-E1144EQIIEKDEGPF	306	>TET2-E1144EQIIEKDKGPF	321	15
>TET2-E1144EQIIEKDEGPF	214	>TET2-E1144EQIIEKDKGPF	282	68
>TET2-E1222EAAVIVILI	2812	>TET2-E1222GAAVIVILI	425	2387
>TET2-E1222EAAVIVILILV	1033	>TET2-E1222GAAVIVILILV	96	937
>TET2-E1222EAAVIVILILV	2764	>TET2-E1222GAAVIVILILV	467	2297
>TET2-E1222EAAVIVILILV	1527	>TET2-E1222GAAVIVILILV	226	1301
>TET2-E1222EAAVIVILILV	4724	>TET2-E1222GAAVIVILILV	372	4352
>TET2-E1222EAAVIVILILV	2989	>TET2-E1222GAAVIVILILV	450	2539
>TET2-E1222EAAVIVIL	24	>TET2-E1222GAAVIVIL	4081	4057
>TET2-E1222EAAVIVILI	8	>TET2-E1222GAAVIVILI	874	866
>TET2-E1222EAAVIVILILV	6	>TET2-E1222GAAVIVILILV	255	249
>TET2-E1222EAAVIVIL	319	>TET2-E1222GAAVIVIL	16048	15729
>TET2-E1222EAAVIVILI	46	>TET2-E1222GAAVIVILI	11113	11067
>TET2-E1222EAAVIVILIL	299	>TET2-E1222GAAVIVILIL	15522	15223
>TET2-E1222EAAVIVILILV	9	>TET2-E1222GAAVIVILILV	3316	3307
>TET2-E1222EAAVIVILI	951	>TET2-E1222GAAVIVILI	386	565
>TET2-E1222CEAAVIVI	116	>TET2-E1222CGAAVIVI	34694	34578

>TET2-E1222 CEAAVIVILI	20	>TET2-E1222 CGAAVIVILI	6545	6525
>TET2-E1222 CEAAVIVIL	292	>TET2-E1222 CGAAVIVIL	22156	21864
>TET2-E1222 CEAAVIVILIL	259	>TET2-E1222 CGAAVIVILIL	21855	21596
>TET2-E1222 CEAAVIVIL	244	>TET2-E1222 CGAAVIVIL	3764	3520
>TET2-E1222 CEAAVIVI	57	>TET2-E1222 CGAAVIVI	23569	23512
>TET2-E1222 CEAAVIVIL	12	>TET2-E1222 CGAAVIVIL	20949	20937
>TET2-E1222 CEAAVIVILIL	18	>TET2-E1222 CGAAVIVILIL	20756	20738
>TET2-E1222 CEAAVIVI	410	>TET2-E1222 CGAAVIVI	37301	36891
>TET2-E1222 CEAAVIVIL	309	>TET2-E1222 CGAAVIVIL	36156	35847
>TET2-E1222 CEAAVIVILI	457	>TET2-E1222 CGAAVIVILI	35972	35515
>TET2-E1222 CEAAVIVILIL	203	>TET2-E1222 CGAAVIVILIL	35361	35158
>TET2-E1222 CEAAVIVILIL	416	>TET2-E1222 CGAAVIVILIL	40124	39708
>TET2-E1222 CEAAVIVI	83	>TET2-E1222 CGAAVIVI	34222	34139
>TET2-E1222 CEAAVIVIL	313	>TET2-E1222 CGAAVIVIL	37674	37361
>TET2-E1222 CEAAVIVILI	276	>TET2-E1222 CGAAVIVILI	27140	26864
>TET2-E1222 CEAAVIVILIL	452	>TET2-E1222 CGAAVIVILIL	37980	37528
>TET2-E1222 CEAAVIVI	131	>TET2-E1222 CGAAVIVI	13303	13172
>TET2-E1222 CEAAVIVIL	20	>TET2-E1222 CGAAVIVIL	21274	21254
>TET2-E1222 CEAAVIVILI	219	>TET2-E1222 CGAAVIVILI	33580	33361
>TET2-E1222 CEAAVIVILIL	26	>TET2-E1222 CGAAVIVILIL	23176	23150
>TET2-E1222 CEAAVIVI	738	>TET2-E1222 CGAAVIVI	76	662
>TET2-E1222 HTCEAAVIV	442	>TET2-E1222 HTCGAAVIV	1399	957
>TET2-E1222 HTCEAAVIVI	250	>TET2-E1222 HTCGAAVIVI	223	27
>TET2-E1222 HTCEAAVI	431	>TET2-E1222 HTCGAAVI	207	224
>TET2-E1222 HTCEAAVIVI	223	>TET2-E1222 HTCGAAVIVI	119	104
>TET2-E1222 HTCEAAVIVIL	370	>TET2-E1222 HTCGAAVIVII	166	204
>TET2-E1222 HTCEAAVI	132	>TET2-E1222 HTCGAAVI	109	23
>TET2-E1222 HTCEAAVIV	38	>TET2-E1222 HTCGAAVIV	43	5
>TET2-E1222 HTCEAAVIVI	198	>TET2-E1222 HTCGAAVIVI	356	158
>TET2-E1222 HTCEAAVIVIL	127	>TET2-E1222 HTCGAAVIVII	143	16
>TET2-E1222 HTCEAAVI	450	>TET2-E1222 HTCGAAVI	1919	1469
>TET2-E1222 HTCEAAVIV	45	>TET2-E1222 HTCGAAVIV	489	444
>TET2-E1222 HTCEAAVIVI	375	>TET2-E1222 HTCGAAVIVI	2228	1853
>TET2-E1222 HTCEAAVI	48	>TET2-E1222 HTCGAAVI	26	22
>TET2-E1222 HTCEAAVIV	355	>TET2-E1222 HTCGAAVIV	322	33
>TET2-E1222 HTCEAAVIVI	78	>TET2-E1222 HTCGAAVIVI	58	20
>TET2-E1222 HTCEAAVIVIL	56	>TET2-E1222 HTCGAAVIVII	47	9
>TET2-E1222 HTCEAAVIVIL	180	>TET2-E1222 HTCGAAVIVII	188	8
>TET2-E1222 HTCEAAVIVIL	485	>TET2-E1222 HTCGAAVIVII	424	61
>TET2-E1222 HTCEAAVI	18	>TET2-E1222 HTCGAAVI	22	4
>TET2-E1222 HTCEAAVIVI	76	>TET2-E1222 HTCGAAVIVI	75	1
>TET2-E1222 HTCEAAVIVIL	231	>TET2-E1222 HTCGAAVIVII	376	145
>TET2-E1222 RAGHTCEAAV	509	>TET2-E1222 RAGHTCGAAV	286	223



>TET2-E1222 RAGHTCEAA\	418	>TET2-E1222 RAGHTCGAA\	585	167
>TET2-E1222 RAGHTCEAA\	30	>TET2-E1222 RAGHTCGAA\	25	5
>TET2-E1222 ERAGHTCEA\	422	>TET2-E1222 ERAGHTCGA\	404	18
>TET2-E1222 ERAGHTCEA\	282	>TET2-E1222 ERAGHTCGA\	261	21
>TET2-E1222 RERAGHTCE\	274	>TET2-E1222 RERAGHTCG\	459	185
>TET2-E1222 RERAGHTCE\	46	>TET2-E1222 RERAGHTCG\	68	22
>TET2-E1222 RERAGHTCE\	14	>TET2-E1222 RERAGHTCG\	18	4
>TET2-E1222 RERAGHTCE\	379	>TET2-E1222 RERAGHTCG\	588	209
>TET2-E1234 WEGIPLSL	389	>TET2-E1234 WGGIPLSL	37244	36855
>TET2-E1234 WEGIPLSL	268	>TET2-E1234 WGGIPLSL	24087	23819
>TET2-E1234 WEGIPLSL	76	>TET2-E1234 WGGIPLSL	22303	22227
>TET2-E1234 WEGIPLSL	78	>TET2-E1234 WGGIPLSL	34018	33940
>TET2-E1234 WEGIPLSLA	74	>TET2-E1234 WGGIPLSLA	34954	34880
>TET2-E1234 VWEGIPLSL	1018	>TET2-E1234 VWGGIPLSL	497	521
>TET2-E1234 VWEGIPLSL	1084	>TET2-E1234 VWGGIPLSL	364	720
>TET2-E1234 VWEGIPLSL	1881	>TET2-E1234 VWGGIPLSL	336	1545
>TET2-E1234 VWEGIPLSL	139	>TET2-E1234 VWGGIPLSL	205	66
>TET2-E1234 VWEGIPLSLA	191	>TET2-E1234 VWGGIPLSLA	196	5
>TET2-E1234 LVWEGIPL	25	>TET2-E1234 LVWGGIPL	40	15
>TET2-E1234 LVWEGIPLS	427	>TET2-E1234 LVWGGIPLS	1887	1460
>TET2-E1234 LVWEGIPLSL	220	>TET2-E1234 LVWGGIPLSL	289	69
>TET2-E1234 LVWEGIPLSL\	55	>TET2-E1234 LVWGGIPLSL	134	79
>TET2-E1234 LVWEGIPLSL	47	>TET2-E1234 LVWGGIPLSL	50	3
>TET2-E1234 LVWEGIPLSL	76	>TET2-E1234 LVWGGIPLSL	70	6
>TET2-E1234 LVWEGIPLSL\	186	>TET2-E1234 LVWGGIPLSL	439	253
>TET2-E1234 LVWEGIPL	19	>TET2-E1234 LVWGGIPL	40	21
>TET2-E1234 LVWEGIPLS	153	>TET2-E1234 LVWGGIPLS	934	781
>TET2-E1234 LVWEGIPLSL	110	>TET2-E1234 LVWGGIPLSL	111	1
>TET2-E1234 LVWEGIPLSL\	26	>TET2-E1234 LVWGGIPLSL	73	47
>TET2-E1234 LVWEGIPL	11	>TET2-E1234 LVWGGIPL	18	7
>TET2-E1234 LVWEGIPLS	321	>TET2-E1234 LVWGGIPLS	1097	776
>TET2-E1234 LVWEGIPLSL	7	>TET2-E1234 LVWGGIPLSL	14	7
>TET2-E1234 LVWEGIPLSL\	30	>TET2-E1234 LVWGGIPLSL	76	46
>TET2-E1234 LVWEGIPL	75	>TET2-E1234 LVWGGIPL	495	420
>TET2-E1234 LVWEGIPLSL	172	>TET2-E1234 LVWGGIPLSL	1520	1348
>TET2-E1234 LVWEGIPL	35	>TET2-E1234 LVWGGIPL	49	14
>TET2-E1234 LVWEGIPLSL	26	>TET2-E1234 LVWGGIPLSL	49	23
>TET2-E1234 LVWEGIPLSL\	130	>TET2-E1234 LVWGGIPLSL	297	167
>TET2-E1234 LVWEGIPL	116	>TET2-E1234 LVWGGIPL	179	63
>TET2-E1234 LVWEGIPLSL	20	>TET2-E1234 LVWGGIPLSL	40	20
>TET2-E1234 LVWEGIPLSL\	359	>TET2-E1234 LVWGGIPLSL	645	286
>TET2-E1234 LVWEGIPL	16	>TET2-E1234 LVWGGIPL	11	5
>TET2-E1234 LVWEGIPLSL	8	>TET2-E1234 LVWGGIPLSL	7	1

>TET2-E1234 LVWEGIPLSL	29	>TET2-E1234 LVWGGIPLSL	25	4
>TET2-E1234 LVWEGIPLSL	360	>TET2-E1234 LVWGGIPLSL	191	169
>TET2-E1234 LVWEGIPL	46	>TET2-E1234 LVWGGIPL	172	126
>TET2-E1234 LVWEGIPLSL	69	>TET2-E1234 LVWGGIPLSL	339	270
>TET2-E1234 LVWEGIPLSL	172	>TET2-E1234 LVWGGIPLSL	924	752
>TET2-E1234 LVWEGIPL	958	>TET2-E1234 LVWGGIPL	264	694
>TET2-E1234 LVWEGIPL	198	>TET2-E1234 LVWGGIPL	170	28
>TET2-E1234 LVWEGIPLSL	142	>TET2-E1234 LVWGGIPLSL	154	12
>TET2-E1234 LVWEGIPL	96	>TET2-E1234 LVWGGIPL	136	40
>TET2-E1234 LVWEGIPLSL	191	>TET2-E1234 LVWGGIPLSL	139	52
>TET2-E1234 ILVWEGIPL	96	>TET2-E1234 ILVWGGIPL	71	25
>TET2-E1234 ILVWEGIPLSL	80	>TET2-E1234 ILVWGGIPLSI	64	16
>TET2-E1234 ILVWEGIPL	39	>TET2-E1234 ILVWGGIPL	91	52
>TET2-E1234 ILVWEGIPLSL	53	>TET2-E1234 ILVWGGIPLSI	90	37
>TET2-E1234 ILVWEGIPL	101	>TET2-E1234 ILVWGGIPL	45	56
>TET2-E1234 ILVWEGIPLSL	72	>TET2-E1234 ILVWGGIPLSI	43	29
>TET2-E1234 ILVWEGIPL	83	>TET2-E1234 ILVWGGIPL	47	36
>TET2-E1234 ILVWEGIPLSL	281	>TET2-E1234 ILVWGGIPLSI	162	119
>TET2-E1234 ILVWEGIPL	7	>TET2-E1234 ILVWGGIPL	5	2
>TET2-E1234 ILVWEGIPLS	320	>TET2-E1234 ILVWGGIPLS	231	89
>TET2-E1234 ILVWEGIPLSL	7	>TET2-E1234 ILVWGGIPLSI	5	2
>TET2-E1234 ILVWEGIPL	114	>TET2-E1234 ILVWGGIPL	89	25
>TET2-E1234 ILVWEGIPLSL	220	>TET2-E1234 ILVWGGIPLSI	178	42
>TET2-E1234 ILVWEGIPL	35	>TET2-E1234 ILVWGGIPL	17	18
>TET2-E1234 ILVWEGIPLSL	54	>TET2-E1234 ILVWGGIPLSI	32	22
>TET2-E1234 ILVWEGIPL	1105	>TET2-E1234 ILVWGGIPL	207	898
>TET2-E1234 ILVWEGIPLSL	257	>TET2-E1234 ILVWGGIPLSI	98	159
>TET2-E1234 ILVWEGIPL	6	>TET2-E1234 ILVWGGIPL	3	3
>TET2-E1234 ILVWEGIPLS	215	>TET2-E1234 ILVWGGIPLS	91	124
>TET2-E1234 ILVWEGIPLSL	4	>TET2-E1234 ILVWGGIPLSI	3	1
>TET2-E1234 ILVWEGIPLSL	564	>TET2-E1234 ILVWGGIPLSI	488	76
>TET2-E1234 LILVWEGIPL	137	>TET2-E1234 LILVWGGIPL	207	70
>TET2-E1234 LILVWEGIPL	111	>TET2-E1234 LILVWGGIPL	128	17
>TET2-E1234 LILVWEGIPL	395	>TET2-E1234 LILVWGGIPL	253	142
>TET2-E1234 LILVWEGI	105	>TET2-E1234 LILVWGGI	190	85
>TET2-E1234 LILVWEGIPL	47	>TET2-E1234 LILVWGGIPL	56	9
>TET2-E1234 LILVWEGI	37	>TET2-E1234 LILVWGGI	55	18
>TET2-E1234 LILVWEGIPL	91	>TET2-E1234 LILVWGGIPL	48	43
>TET2-E1234 LILVWEGIPL	702	>TET2-E1234 LILVWGGIPL	495	207
>TET2-E1234 LILVWEGI	258	>TET2-E1234 LILVWGGI	462	204
>TET2-E1234 LILVWEGIPL	281	>TET2-E1234 LILVWGGIPL	177	104
>TET2-E1234 LILVWEGI	375	>TET2-E1234 LILVWGGI	2016	1641
>TET2-E1234 LILVWEGI	481	>TET2-E1234 LILVWGGI	1055	574

>TET2-E1234 LILVWEGIPL	123	>TET2-E1234 LILVWGGIPL	88	35
>TET2-E1234 LILVWEGI	601	>TET2-E1234 LILVWGGI	339	262
>TET2-E1234 LILVWEGIPL	627	>TET2-E1234 LILVWGGIPL	211	416
>TET2-E1234 ILILVWEGI	156	>TET2-E1234 ILILVWGGI	672	516
>TET2-E1234 ILILVWEGIPL	66	>TET2-E1234 ILILVWGGIPL	92	26
>TET2-E1234 ILILVWEGI	84	>TET2-E1234 ILILVWGGI	532	448
>TET2-E1234 ILILVWEGIPL	50	>TET2-E1234 ILILVWGGIPL	116	66
>TET2-E1234 ILILVWEGI	164	>TET2-E1234 ILILVWGGI	73	91
>TET2-E1234 ILILVWEGIPL	149	>TET2-E1234 ILILVWGGIPL	89	60
>TET2-E1234 ILILVWEGI	60	>TET2-E1234 ILILVWGGI	193	133
>TET2-E1234 ILILVWEGIPL	72	>TET2-E1234 ILILVWGGIPL	90	18
>TET2-E1234 ILILVWEGI	10	>TET2-E1234 ILILVWGGI	23	13
>TET2-E1234 ILILVWEGIPL	14	>TET2-E1234 ILILVWGGIPL	15	1
>TET2-E1234 ILILVWEGI	295	>TET2-E1234 ILILVWGGI	1056	761
>TET2-E1234 ILILVWEGIPL	91	>TET2-E1234 ILILVWGGIPL	125	34
>TET2-E1234 ILILVWEGI	100	>TET2-E1234 ILILVWGGI	264	164
>TET2-E1234 ILILVWEGIPL	60	>TET2-E1234 ILILVWGGIPL	61	1
>TET2-E1234 ILILVWEGI	402	>TET2-E1234 ILILVWGGI	5412	5010
>TET2-E1234 ILILVWEGI	206	>TET2-E1234 ILILVWGGI	712	506
>TET2-E1234 ILILVWEGIPL	32	>TET2-E1234 ILILVWGGIPL	35	3
>TET2-E1234 VILILVWEGI	411	>TET2-E1234 VILILVWGGI	585	174
>TET2-E1234 VILILVWEGI	12	>TET2-E1234 VILILVWGGI	25	13
>TET2-E1234 VILILVWEGI	60	>TET2-E1234 VILILVWGGI	129	69
>TET2-E1234 VILILVWEGI	252	>TET2-E1234 VILILVWGGI	985	733
>TET2-E1234 IVILILVWEGI	492	>TET2-E1234 IVILILVWGGI	305	187
>TET2-E1234 IVILILVWEGI	50	>TET2-E1234 IVILILVWGGI	109	59
>TET2-E1234 IVILILVWEGI	32	>TET2-E1234 IVILILVWGGI	56	24
>TET2-E1318 EEEKLESHL	788	>TET2-E1318 GEEKLESHL	77	711
>TET2-E1318 EEEKLESHL	3709	>TET2-E1318 GEEKLESHL	142	3567
>TET2-E1318 KEEKLESHL	373	>TET2-E1318 KGEEKLESHL	35254	34881
>TET2-E1318 KEEKLESHL	102	>TET2-E1318 KGEEKLESHL	32859	32757
>TET2-E1879 ELHATTPL	3732	>TET2-E1879 ALHATTPL	45	3687
>TET2-E1879 ELHATTPL	161	>TET2-E1879 ALHATTPL	10	151
>TET2-E1879 ELHATTPL	213	>TET2-E1879 ALHATTPL	7	206
>TET2-E1879 ELHATTPL	3812	>TET2-E1879 ALHATTPL	226	3586
>TET2-E1879 ELHATTPL	124	>TET2-E1879 ALHATTPL	10	114
>TET2-E1879 ELHATTPL	644	>TET2-E1879 ALHATTPL	27	617
>TET2-E1879 ELHATTPL	420	>TET2-E1879 ALHATTPL	31	389
>TET2-E1879 ELHATTPL	23	>TET2-E1879 ALHATTPL	3	20
>TET2-E1879 ELHATTPLK	6044	>TET2-E1879 ALHATTPLK	345	5699
>TET2-E1879 ELHATTPLK	118	>TET2-E1879 ALHATTPLK	34	84
>TET2-E1879 ELHATTPLK	366	>TET2-E1879 ALHATTPLK	24	342
>TET2-E1879 ELHATTPL	10732	>TET2-E1879 ALHATTPL	180	10552

>TET2-E1879 ELHATTPLK	169	>TET2-E1879 ALHATTPLK	4	165
>TET2-E1879 ELHATTPL	1319	>TET2-E1879 ALHATTPL	151	1168
>TET2-E1879 ELHATTPLK	24	>TET2-E1879 ALHATTPLK	1626	1602
>TET2-E1879 ELHATTPL	208	>TET2-E1879 ALHATTPL	6136	5928
>TET2-E1879 ELHATTPL	209	>TET2-E1879 ALHATTPL	7331	7122
>TET2-E1879 ELHATTPL	1283	>TET2-E1879 ALHATTPL	180	1103
>TET2-E1879 ELHATTPL	1289	>TET2-E1879 ALHATTPL	152	1137
>TET2-E1879 RELHATTPL	18421	>TET2-E1879 RALHATTPL	240	18181
>TET2-E1879 RELHATTPL	109	>TET2-E1879 RALHATTPL	21102	20993
>TET2-E1879 RELHATTPL	1038	>TET2-E1879 RALHATTPL	69	969
>TET2-E1879 RELHATTPLK	1263	>TET2-E1879 RALHATTPLK	31	1232
>TET2-E1879 RELHATTPLK	5400	>TET2-E1879 RALHATTPLK	25	5375
>TET2-E1879 RELHATTPL	8815	>TET2-E1879 RALHATTPL	95	8720
>TET2-E1879 RELHATTPLK	159	>TET2-E1879 RALHATTPLK	5	154
>TET2-E1879 RELHATTPL	312	>TET2-E1879 RALHATTPL	77	235
>TET2-E1879 RELHATTPL	3546	>TET2-E1879 RALHATTPL	34	3512
>TET2-E1879 RELHATTPL	48	>TET2-E1879 RALHATTPL	53	5
>TET2-E1879 RELHATTPL	9786	>TET2-E1879 RALHATTPL	6	9780
>TET2-E1879 RELHATTPL	10563	>TET2-E1879 RALHATTPL	247	10316
>TET2-E1879 RELHATTPL	7	>TET2-E1879 RALHATTPL	7985	7978
>TET2-E1879 RELHATTPL	12	>TET2-E1879 RALHATTPL	12335	12323
>TET2-E1879 RELHATTPL	138	>TET2-E1879 RALHATTPL	288	150
>TET2-E1879 RELHATTPL	19481	>TET2-E1879 RALHATTPL	352	19129
>TET2-E1879 RELHATTPL	6	>TET2-E1879 RALHATTPL	11108	11102
>TET2-E1879 RELHATTPL	5381	>TET2-E1879 RALHATTPL	237	5144
>TET2-E1879 KRELHATTPL	1176	>TET2-E1879 KRALHATTPL	125	1051
>TET2-E1879 KRELHATTPL	108	>TET2-E1879 KRALHATTPL	53	55
>TET2-E1879 KRELHATTPLI	1228	>TET2-E1879 KRALHATTPL	80	1148
>TET2-E1879 KRELHATTPL	462	>TET2-E1879 KRALHATTPL	216	246
>TET2-E1879 KRELHATT	453	>TET2-E1879 KRALHATT	224	229
>TET2-E1879 KRELHATTPL	79	>TET2-E1879 KRALHATTPL	86	7
>TET2-E1879 KRELHATTPLI	335	>TET2-E1879 KRALHATTPL	242	93
>TET2-E1879 KRELHATTPL	174	>TET2-E1879 KRALHATTPL	173	1
>TET2-E1879 KRELHATTPLI	65	>TET2-E1879 KRALHATTPL	50	15
>TET2-E1879 AKRELHATTP	775	>TET2-E1879 AKRALHATTP	303	472
>TET2-E1879 AKRELHATTP	13	>TET2-E1879 AKRALHATTP	11	2
>TET2-E1879 CAKRELHA	956	>TET2-E1879 CAKRALHA	130	826
>TET2-E1879 IECAKREL	599	>TET2-E1879 IECAKRAL	192	407
>TET2-E1879 IECAKREL	155	>TET2-E1879 IECAKRAL	73	82
>TET2-E1879 ILIECAKRE	21482	>TET2-E1879 ILIECAKRA	392	21090
>TET2-E1879 ILIECAKRE	11835	>TET2-E1879 ILIECAKRA	380	11455
>TET2-E1879 ILIECAKREL	79	>TET2-E1879 ILIECAKRAL	58	21
>TET2-E1879 ILIECAKRE	17246	>TET2-E1879 ILIECAKRA	40	17206

>TET2-E1879 ILIECAKREL	183	>TET2-E1879 ILIECAKRAL	137	46
>TET2-E1879 ILIECAKRE	16417	>TET2-E1879 ILIECAKRA	129	16288
>TET2-E1879 ILIECAKREL	29	>TET2-E1879 ILIECAKRAL	30	1
>TET2-E1879 ILIECAKRE	19775	>TET2-E1879 ILIECAKRA	321	19454
>TET2-E1879 ILIECAKREL	61	>TET2-E1879 ILIECAKRAL	38	23
>TET2-E1879 ILIECAKRE	12419	>TET2-E1879 ILIECAKRA	24	12395
>TET2-E1879 ILIECAKREL	13	>TET2-E1879 ILIECAKRAL	27	14
>TET2-E350K EEFCSGSSNI	322	>TET2-E350K KEFCSGSSNI	709	387
>TET2-E350K EEFCSGSS	1390	>TET2-E350K KEFCSGSS	181	1209
>TET2-E350K EEFCSGSSNI	119	>TET2-E350K KEFCSGSSNI	11	108
>TET2-E350K EEFCSGSSNI	44	>TET2-E350K KEFCSGSSNI	11	33
>TET2-E350K EEFCSGSS	2345	>TET2-E350K KEFCSGSS	466	1879
>TET2-E350K EEFCSGSS	1438	>TET2-E350K KEFCSGSS	264	1174
>TET2-E350K EEFCSGSSNI	182	>TET2-E350K KEFCSGSSNI	37	145
>TET2-E350K EEFCSGSSNI	443	>TET2-E350K KEFCSGSSNI	353	90
>TET2-E350K EEFCSGSSNI	74	>TET2-E350K KEFCSGSSNI	174	100
>TET2-E350K EEFCSGSS	416	>TET2-E350K KEFCSGSS	1321	905
>TET2-E350K EEFCSGSSNI	4106	>TET2-E350K KEFCSGSSNI	408	3698
>TET2-E350K EEFCSGSSNI	254	>TET2-E350K KEFCSGSSNI	14	240
>TET2-E350K KLASGEEF	353	>TET2-E350K KLASGKEF	2582	2229
>TET2-E350K KLASGEEFC	104	>TET2-E350K KLASGKEFC	123	19
>TET2-E350K KLASGEEFC	197	>TET2-E350K KLASGKEFC	489	292
>TET2-E350K KLASGEEFC	376	>TET2-E350K KLASGKEFC	920	544
>TET2-E350K KLASGEEFC	77	>TET2-E350K KLASGKEFC	82	5
>TET2-E350K KLASGEEF	197	>TET2-E350K KLASGKEF	615	418
>TET2-E350K KLASGEEF	111	>TET2-E350K KLASGKEF	153	42
>TET2-E350K KLASGEEF	565	>TET2-E350K KLASGKEF	379	186
>TET2-E350K KLASGEEF	27	>TET2-E350K KLASGKEF	23	4
>TET2-E350K KLASGEEF	756	>TET2-E350K KLASGKEF	462	294
>TET2-E350K TKLASGEEF	4	>TET2-E350K TKLASGKEF	3	1
>TET2-E350K TTKLASGE	25164	>TET2-E350K TTKLASGK	104	25060
>TET2-E350K TTKLASGE	7338	>TET2-E350K TTKLASGK	16	7322
>TET2-E350K TTKLASGE	10117	>TET2-E350K TTKLASGK	35	10082
>TET2-E350K TTKLASGEEF	266	>TET2-E350K TTKLASGKEF	737	471
>TET2-E350K TTKLASGEEF	12	>TET2-E350K TTKLASGKEF	8	4
>TET2-E350K TTKLASGEEF	60	>TET2-E350K TTKLASGKEF	62	2
>TET2-E350K GTTKLASGE	21816	>TET2-E350K GTTKLASGK	490	21326
>TET2-E350K GTTKLASGE	26780	>TET2-E350K GTTKLASGK	51	26729
>TET2-E350K GTTKLASGE	19204	>TET2-E350K GTTKLASGK	169	19035
>TET2-E350K GTTKLASGEE	15	>TET2-E350K GTTKLASGKE	8	7
>TET2-E350K GTTKLASGE	250	>TET2-E350K GTTKLASGK	209	41
>TET2-E350K GTTKLASGEE	6	>TET2-E350K GTTKLASGKE	8	2
>TET2-F1287 FGCSWSMY	48	>TET2-F1287 LGCSWSMY	183	135

>TET2-F1287 FGCSWSMYY	10	>TET2-F1287 LGCSWSMYY	20	10
>TET2-F1287 FGCSWSMY	186	>TET2-F1287 LGCSWSMY	81	105
>TET2-F1287 FGCSWSMYY	84	>TET2-F1287 LGCSWSMYY	35	49
>TET2-F1287 FGCSWSMYY	158	>TET2-F1287 LGCSWSMYY	342	184
>TET2-F1287 FGCSWSMY	210	>TET2-F1287 LGCSWSMY	179	31
>TET2-F1287 FGCSWSMYY	136	>TET2-F1287 LGCSWSMYY	118	18
>TET2-F1287 FGCSWSMY	372	>TET2-F1287 LGCSWSMY	2267	1895
>TET2-F1287 FGCSWSMY	138	>TET2-F1287 LGCSWSMY	470	332
>TET2-F1287 FGCSWSMYY	263	>TET2-F1287 LGCSWSMYY	901	638
>TET2-F1287 FGCSWSMYY	109	>TET2-F1287 LGCSWSMYY	78	31
>TET2-F1287 SFGCSWSMY	533	>TET2-F1287 SLGCSWSMY	279	254
>TET2-F1287 SFGCSWSM	17624	>TET2-F1287 SLGCSWSM	225	17399
>TET2-F1287 SFGCSWSM	8923	>TET2-F1287 SLGCSWSM	228	8695
>TET2-F1287 SFGCSWSM	10610	>TET2-F1287 SLGCSWSM	30	10580
>TET2-F1287 SFGCSWSM	12668	>TET2-F1287 SLGCSWSM	40	12628
>TET2-F1287 SFGCSWSM	14316	>TET2-F1287 SLGCSWSM	86	14230
>TET2-F1287 SFGCSWSM	17093	>TET2-F1287 SLGCSWSM	356	16737
>TET2-F1287 SFGCSWSM	21936	>TET2-F1287 SLGCSWSM	63	21873
>TET2-F1287 SFGCSWSMY	744	>TET2-F1287 SLGCSWSMY	96	648
>TET2-F1287 SFGCSWSMY	641	>TET2-F1287 SLGCSWSMY	126	515
>TET2-F1287 SFGCSWSMY	18	>TET2-F1287 SLGCSWSMY	59	41
>TET2-F1287 SFGCSWSMY	15	>TET2-F1287 SLGCSWSMY	54	39
>TET2-F1287 SFGCSWSMY	841	>TET2-F1287 SLGCSWSMY	390	451
>TET2-F1287 SFGCSWSMY	190	>TET2-F1287 SLGCSWSMY	187	3
>TET2-F1287 SFGCSWSMY	91	>TET2-F1287 SLGCSWSMY	30	61
>TET2-F1287 SFGCSWSM	4973	>TET2-F1287 SLGCSWSM	211	4762
>TET2-F1287 SFGCSWSMY	812	>TET2-F1287 SLGCSWSMY	61	751
>TET2-F1287 SFGCSWSMY	618	>TET2-F1287 SLGCSWSMY	54	564
>TET2-F1287 SFGCSWSMY	81	>TET2-F1287 SLGCSWSMY	28	53
>TET2-F1287 SFGCSWSMY	416	>TET2-F1287 SLGCSWSMY	117	299
>TET2-F1287 SFGCSWSMY	3130	>TET2-F1287 SLGCSWSMY	279	2851
>TET2-F1287 SFGCSWSMY	3667	>TET2-F1287 SLGCSWSMY	335	3332
>TET2-F1287 SFGCSWSMY	55	>TET2-F1287 SLGCSWSMY	34	21
>TET2-F1287 SFGCSWSMY	2710	>TET2-F1287 SLGCSWSMY	312	2398
>TET2-F1287 SFGCSWSMY	197	>TET2-F1287 SLGCSWSMY	258	61
>TET2-F1287 DPETCGASFS	259	>TET2-F1287 DPETCGASFS	304	45
>TET2-F1287 DPETCGASFS	413	>TET2-F1287 DPETCGASFS	3482	3069
>TET2-F1287 DPETCGASFS	42	>TET2-F1287 DPETCGASFS	345	303
>TET2-F1287 DPETCGASFS	8571	>TET2-F1287 DPETCGASFS	438	8133
>TET2-F1287 DPETCGASFS	258	>TET2-F1287 DPETCGASFS	648	390
>TET2-F1287 DPETCGASFS	143	>TET2-F1287 DPETCGASFS	1734	1591
>TET2-F1287 FSGCSWSM	74	>TET2-F1287 FSLGCSWSM	139	65
>TET2-F1287 FSGCSWSM	43	>TET2-F1287 FSLGCSWSM	171	128

>TET2-F1287 FSGCSWSM	40	>TET2-F1287 FSLGCSWSM	69	29
>TET2-F1287 FSGCSWSM	20	>TET2-F1287 FSLGCSWSM	194	174
>TET2-F1287 FSGCSWSM	13	>TET2-F1287 FSLGCSWSM	14	1
>TET2-F1287 FSGCSWSM	469	>TET2-F1287 FSLGCSWSM	777	308
>TET2-F1287 FSGCSWSM	327	>TET2-F1287 FSLGCSWSM	345	18
>TET2-F1287 FSGCSWSM	318	>TET2-F1287 FSLGCSWSM	1641	1323
>TET2-F1287 FSGCSWSM	42	>TET2-F1287 FSLGCSWSM	235	193
>TET2-F1287 FSGCSWSM	112	>TET2-F1287 FSLGCSWSM	218	106
>TET2-F1287 FSGCSWSM	103	>TET2-F1287 FSLGCSWSM	1143	1040
>TET2-F1287 FSGCSWSM	22	>TET2-F1287 FSLGCSWSM	62	40
>TET2-F1287 FSGCSWSM	6	>TET2-F1287 FSLGCSWSM	7	1
>TET2-F1287 FSGCSWSM	14	>TET2-F1287 FSLGCSWSM	31	17
>TET2-F1287 FSGCSWSM	24	>TET2-F1287 FSLGCSWSM	50	26
>TET2-F1287 FSGCSWSM	27	>TET2-F1287 FSLGCSWSM	177	150
>TET2-F1287 FSGCSWSM	32	>TET2-F1287 FSLGCSWSM	1261	1229
>TET2-F1287 FSGCSWSM	73	>TET2-F1287 FSLGCSWSM	1674	1601
>TET2-F1287 FSGCSWSM	567	>TET2-F1287 FSLGCSWSM	241	326
>TET2-F1287 FSGCSWSM	82	>TET2-F1287 FSLGCSWSM	78	4
>TET2-F1287 FSGCSWSM	158	>TET2-F1287 FSLGCSWSM	1371	1213
>TET2-F1287 FSGCSWSM	58	>TET2-F1287 FSLGCSWSM	191	133
>TET2-F1287 FSGCSWSM	46	>TET2-F1287 FSLGCSWSM	154	108
>TET2-F1287 FSGCSWSM	93	>TET2-F1287 FSLGCSWSM	220	127
>TET2-F1287 FSGCSWSM	439	>TET2-F1287 FSLGCSWSM	1189	750
>TET2-F1287 FSGCSWSM	44	>TET2-F1287 FSLGCSWSM	212	168
>TET2-F1287 FSGCSWSM	10	>TET2-F1287 FSLGCSWSM	35	25
>TET2-F1287 FSGCSWSM	10	>TET2-F1287 FSLGCSWSM	36	26
>TET2-F1287 FSGCSWSM	5	>TET2-F1287 FSLGCSWSM	7	2
>TET2-F1287 FSGCSWSM	3	>TET2-F1287 FSLGCSWSM	4	1
>TET2-F1287 FSGCSWSM	4	>TET2-F1287 FSLGCSWSM	5	1
>TET2-F1287 FSGCSWSM	37	>TET2-F1287 FSLGCSWSM	64	27
>TET2-F1287 FSGCSWSM	42	>TET2-F1287 FSLGCSWSM	73	31
>TET2-F1287 FSGCSWSM	38	>TET2-F1287 FSLGCSWSM	69	31
>TET2-F1287 FSGCSWSM	472	>TET2-F1287 FSLGCSWSM	407	65
>TET2-F1287 FSGCSWSM	113	>TET2-F1287 FSLGCSWSM	241	128
>TET2-F1287 FSGCSWSM	225	>TET2-F1287 FSLGCSWSM	544	319
>TET2-F1287 FSGCSWSM	106	>TET2-F1287 FSLGCSWSM	224	118
>TET2-F1287 FSGCSWSM	38	>TET2-F1287 FSLGCSWSM	49	11
>TET2-F1287 FSGCSWSM	279	>TET2-F1287 FSLGCSWSM	398	119
>TET2-F1287 FSGCSWSM	20	>TET2-F1287 FSLGCSWSM	24	4
>TET2-F1287 FSGCSWSM	101	>TET2-F1287 FSLGCSWSM	576	475
>TET2-F1287 FSGCSWSM	23	>TET2-F1287 FSLGCSWSM	80	57
>TET2-F1287 FSGCSWSM	50	>TET2-F1287 FSLGCSWSM	59	9
>TET2-F1287 FSGCSWSM	7	>TET2-F1287 FSLGCSWSM	18	11

>TET2-F1287 FSFGCSWSM	87	>TET2-F1287 FSLGCSWSM	1006	919
>TET2-F1287 FSFGCSWSM	28	>TET2-F1287 FSLGCSWSM	161	133
>TET2-F1287 FSFGCSWSM	162	>TET2-F1287 FSLGCSWSM	672	510
>TET2-F1287 SFSFGCSWSM	13	>TET2-F1287 SFSLGCSWSM	20	7
>TET2-F1287 SFSFGCSWSM	58	>TET2-F1287 SFSLGCSWSM	142	84
>TET2-F1287 SFSFGCSWSM	128	>TET2-F1287 SFSLGCSWSM	163	35
>TET2-F1287 SFSFGCSWSM	93	>TET2-F1287 SFSLGCSWSM	98	5
>TET2-F1287 SFSFGCSWSM	12	>TET2-F1287 SFSLGCSWSM	20	8
>TET2-F1287 SFSFGCSWSM	112	>TET2-F1287 SFSLGCSWSM	302	190
>TET2-F1287 SFSFGCSWSM	461	>TET2-F1287 SFSLGCSWSM	412	49
>TET2-F1287 SFSFGCSW	324	>TET2-F1287 SFSLGCSW	554	230
>TET2-F1287 ASFSFGCSWS	204	>TET2-F1287 ASFSLGCSWS	942	738
>TET2-F1287 ASFSFGCSW	51	>TET2-F1287 ASFSLGCSW	103	52
>TET2-F1287 ASFSFGCSWS	135	>TET2-F1287 ASFSLGCSWS	206	71
>TET2-F1287 ASFSFGCSW	256	>TET2-F1287 ASFSLGCSW	193	63
>TET2-F1287 ASFSFGCSWS	125	>TET2-F1287 ASFSLGCSWS	110	15
>TET2-F1287 ASFSFGCSW	29	>TET2-F1287 ASFSLGCSW	92	63
>TET2-F1287 ASFSFGCSWS	12	>TET2-F1287 ASFSLGCSWS	21	9
>TET2-F1287 ASFSFGCSW	4	>TET2-F1287 ASFSLGCSW	4	0
>TET2-F1287 ASFSFGCSWS	6	>TET2-F1287 ASFSLGCSWS	6	0
>TET2-F1287 ASFSFGCSW	34	>TET2-F1287 ASFSLGCSW	50	16
>TET2-F1287 ASFSFGCSWS	235	>TET2-F1287 ASFSLGCSWS	562	327
>TET2-F1287 ASFSFGCSW	14	>TET2-F1287 ASFSLGCSW	14	0
>TET2-F1287 ASFSFGCSWS	298	>TET2-F1287 ASFSLGCSWS	240	58
>TET2-F1287 ASFSFGCSWS	211	>TET2-F1287 ASFSLGCSWS	338	127
>TET2-F1287 ASFSFGCSW	84	>TET2-F1287 ASFSLGCSW	94	10
>TET2-F1287 ASFSFGCSWS	16	>TET2-F1287 ASFSLGCSWS	17	1
>TET2-F1287 ASFSFGCSW	336	>TET2-F1287 ASFSLGCSW	1078	742
>TET2-F1287 ASFSFGCSW	266	>TET2-F1287 ASFSLGCSW	597	331
>TET2-F1287 ASFSFGCSWS	85	>TET2-F1287 ASFSLGCSWS	169	84
>TET2-F1287 GASFSFGCSM	86	>TET2-F1287 GASFSLGCSM	66	20
>TET2-F1287 GASFSFGCSM	234	>TET2-F1287 GASFSLGCSM	303	69
>TET2-F1287 GASFSFGCSM	73	>TET2-F1287 GASFSLGCSM	67	6
>TET2-F1287 CGASFSFGCS	347	>TET2-F1287 CGASFSLGCS	681	334
>TET2-F1287 CGASFSFGCS	38	>TET2-F1287 CGASFSLGCS	42	4
>TET2-F1287 CGASFSFGCS	205	>TET2-F1287 CGASFSLGCS	432	227
>TET2-F1287 ETCGASFSF	267	>TET2-F1287 ETCGASFSL	1152	885
>TET2-F1287 ETCGASFSF	127	>TET2-F1287 ETCGASFSL	1008	881
>TET2-F1287 ETCGASFSF	18	>TET2-F1287 ETCGASFSL	85	67
>TET2-F1287 ETCGASFSF	49	>TET2-F1287 ETCGASFSL	116	67
>TET2-F1287 ETCGASFSF	49	>TET2-F1287 ETCGASFSL	266	217
>TET2-F1287 ETCGASFSF	1518	>TET2-F1287 ETCGASFSL	11	1507
>TET2-F1287 ETCGASFSFG	359	>TET2-F1287 ETCGASFLG	1964	1605



>TET2-F1287 ETCGASFSF	3991	>TET2-F1287 ETCGASFSL	21	3970
>TET2-F1287 ETCGASFSF	268	>TET2-F1287 ETCGASFSL	6056	5788
>TET2-F1287 ETCGASFSF	8	>TET2-F1287 ETCGASFSL	35	27
>TET2-F1287 ETCGASFSF	281	>TET2-F1287 ETCGASFSL	4627	4346
>TET2-F1287 PETCGASFSF	1168	>TET2-F1287 PETCGASFSL	351	817
>TET2-F1368 FSGVTACLDF	485	>TET2-F1368 LSGVTACLDF	365	120
>TET2-F1368 FSGVTACLDF	94	>TET2-F1368 LSGVTACLDF	195	101
>TET2-F1368 FSGVTACLDF	27	>TET2-F1368 LSGVTACLDF	24	3
>TET2-F1368 FSGVTACLDF	402	>TET2-F1368 LSGVTACLDF	222	180
>TET2-F1368 FSGVTACL	74	>TET2-F1368 LSGVTACL	203	129
>TET2-F1368 FSGVTACLDF	354	>TET2-F1368 LSGVTACLDF	177	177
>TET2-F1368 PFSGVTACL	3126	>TET2-F1368 PLSGVTACL	32	3094
>TET2-F1368 PFSGVTACL	21023	>TET2-F1368 PLSGVTACL	289	20734
>TET2-F1368 PFSGVTACL	18314	>TET2-F1368 PLSGVTACL	113	18201
>TET2-F1368 PFSGVTACL	15339	>TET2-F1368 PLSGVTACL	21	15318
>TET2-F1368 PFSGVTAC	31300	>TET2-F1368 PLSGVTAC	488	30812
>TET2-F1368 PFSGVTACL	20412	>TET2-F1368 PLSGVTACL	29	20383
>TET2-F1368 PFSGVTACLD	274	>TET2-F1368 PLSGVTACLD	5056	4782
>TET2-F1368 PFSGVTACLD	206	>TET2-F1368 PLSGVTACLD	9213	9007
>TET2-F1368 PFSGVTACLD	390	>TET2-F1368 PLSGVTACLD	1434	1044
>TET2-F1368 CRLGLKEGRP	174	>TET2-F1368 CRLGLKEGRP	1768	1594
>TET2-F1368 CRLGLKEGRP	158	>TET2-F1368 CRLGLKEGRP	135	23
>TET2-F1368 CRLGLKEGRP	1217	>TET2-F1368 CRLGLKEGRP	352	865
>TET2-F1368 RPFSGVTACL	57	>TET2-F1368 RPLSGVTACL	192	135
>TET2-F1368 RPFSGVTA	124	>TET2-F1368 RPLSGVTA	95	29
>TET2-F1368 RPFSGVTAC	138	>TET2-F1368 RPLSGVTAC	110	28
>TET2-F1368 RPFSGVTACL	57	>TET2-F1368 RPLSGVTACL	50	7
>TET2-F1368 RPFSGVTACL	242	>TET2-F1368 RPLSGVTACL	1149	907
>TET2-F1368 RPFSGVTACL	35	>TET2-F1368 RPLSGVTACL	58	23
>TET2-F1368 RPFSGVTA	181	>TET2-F1368 RPLSGVTA	236	55
>TET2-F1368 GRPFSGVTAC	46	>TET2-F1368 GRPLSGVTAC	65	19
>TET2-F1368 KEGRPFSGV	89	>TET2-F1368 KEGRPLSGV	463	374
>TET2-F1368 KEGRPFSGVT	28	>TET2-F1368 KEGRPLSGVT	52	24
>TET2-F1368 KEGRPFSGV	37	>TET2-F1368 KEGRPLSGV	21	16
>TET2-F1368 GLKEGRPFSG	212	>TET2-F1368 GLKEGRPLSG	195	17
>TET2-F1368 GLKEGRPF	5440	>TET2-F1368 GLKEGRPL	51	5389
>TET2-F1368 GLKEGRPFSG	5	>TET2-F1368 GLKEGRPLSG	4	1
>TET2-F1368 GLKEGRPFSG	113	>TET2-F1368 GLKEGRPLSG	185	72
>TET2-F1368 GLKEGRPFSG	15	>TET2-F1368 GLKEGRPLSG	16	1
>TET2-F1368 GLKEGRPF	13857	>TET2-F1368 GLKEGRPL	347	13510
>TET2-F1368 GLKEGRPFSG	21	>TET2-F1368 GLKEGRPLSG	20	1
>TET2-F1368 GLKEGRPFSG	27	>TET2-F1368 GLKEGRPLSG	27	0
>TET2-F1368 GLKEGRPF	8905	>TET2-F1368 GLKEGRPL	41	8864

>TET2-F1368 GLKEGRPFSG	2	>TET2-F1368 GLKEGRPLSG	2	0
>TET2-F1368 GLKEGRPF	63	>TET2-F1368 GLKEGRPL	992	929
>TET2-F1368 GLKEGRPF	132	>TET2-F1368 GLKEGRPL	2004	1872
>TET2-F1368 GLKEGRPF	235	>TET2-F1368 GLKEGRPL	5954	5719
>TET2-F1368 LGLKEGRPF	121	>TET2-F1368 LGLKEGRPL	3402	3281
>TET2-F1368 RLGLKEGRPF	234	>TET2-F1368 RLGLKEGRPL	3263	3029
>TET2-F1368 FSGVTACLDF	485	>TET2-F1368 YSGVTACLDF	260	225
>TET2-F1368 FSGVTACLDF	94	>TET2-F1368 YSGVTACLDF	67	27
>TET2-F1368 FSGVTACL	731	>TET2-F1368 YSGVTACL	217	514
>TET2-F1368 FSGVTACLDF	27	>TET2-F1368 YSGVTACLDF	13	14
>TET2-F1368 FSGVTACLDF	402	>TET2-F1368 YSGVTACLDF	431	29
>TET2-F1368 FSGVTACL	74	>TET2-F1368 YSGVTACL	50	24
>TET2-F1368 FSGVTACLDF	354	>TET2-F1368 YSGVTACLDF	152	202
>TET2-F1368 PFSGVTACLD	274	>TET2-F1368 PYSGVTACLD	105	169
>TET2-F1368 PFSGVTACLD	1300	>TET2-F1368 PYSGVTACLD	238	1062
>TET2-F1368 PFSGVTACL	2513	>TET2-F1368 PYSGVTACL	231	2282
>TET2-F1368 PFSGVTACLD	206	>TET2-F1368 PYSGVTACLD	26	180
>TET2-F1368 PFSGVTACLD	390	>TET2-F1368 PYSGVTACLD	935	545
>TET2-F1368 CRLGLKEGRP	174	>TET2-F1368 CRLGLKEGRP	565	391
>TET2-F1368 CRLGLKEGRP	158	>TET2-F1368 CRLGLKEGRP	195	37
>TET2-F1368 RPFSGVTACL	57	>TET2-F1368 RPYSGVTACL	99	42
>TET2-F1368 RPFSGVTA	124	>TET2-F1368 RPYSGVTA	34	90
>TET2-F1368 RPFSGVTAC	138	>TET2-F1368 RPYSGVTAC	45	93
>TET2-F1368 RPFSGVTACL	57	>TET2-F1368 RPYSGVTACL	33	24
>TET2-F1368 RPFSGVTACL	242	>TET2-F1368 RPYSGVTACL	333	91
>TET2-F1368 RPFSGVTAC	944	>TET2-F1368 RPYSGVTAC	489	455
>TET2-F1368 RPFSGVTACL	35	>TET2-F1368 RPYSGVTACL	45	10
>TET2-F1368 RPFSGVTA	181	>TET2-F1368 RPYSGVTA	69	112
>TET2-F1368 RPFSGVTACL	640	>TET2-F1368 RPYSGVTACL	389	251
>TET2-F1368 GRPFSGVTAC	46	>TET2-F1368 GRPYSGVTAC	89	43
>TET2-F1368 KEGRPFSGV	89	>TET2-F1368 KEGRPYSGV	150	61
>TET2-F1368 KEGRPFSGVT	28	>TET2-F1368 KEGRPYSGVT	32	4
>TET2-F1368 KEGRPFSGV	37	>TET2-F1368 KEGRPYSGV	171	134
>TET2-F1368 GLKEGRPFSG	212	>TET2-F1368 GLKEGRPYSG	247	35
>TET2-F1368 GLKEGRPFSG	5	>TET2-F1368 GLKEGRPYSG	5	0
>TET2-F1368 GLKEGRPFSG	113	>TET2-F1368 GLKEGRPYSG	343	230
>TET2-F1368 GLKEGRPFSG	15	>TET2-F1368 GLKEGRPYSG	13	2
>TET2-F1368 GLKEGRPFSG	21	>TET2-F1368 GLKEGRPYSG	24	3
>TET2-F1368 GLKEGRPFSG	27	>TET2-F1368 GLKEGRPYSG	27	0
>TET2-F1368 GLKEGRPFS	834	>TET2-F1368 GLKEGRPYS	448	386
>TET2-F1368 GLKEGRPFSG	2	>TET2-F1368 GLKEGRPYSG	2	0
>TET2-F1368 GLKEGRPF	14232	>TET2-F1368 GLKEGRPY	411	13821
>TET2-F1368 GLKEGRPF	63	>TET2-F1368 GLKEGRPY	65	2

>TET2-F1368 GLKEGRPF	132	>TET2-F1368 GLKEGRPY	69	63
>TET2-F1368 GLKEGRPF	235	>TET2-F1368 GLKEGRPY	1466	1231
>TET2-F1368 LGLKEGRPF	649	>TET2-F1368 LGLKEGRPY	482	167
>TET2-F1368 LGLKEGRPF	121	>TET2-F1368 LGLKEGRPY	530	409
>TET2-F1368 LGLKEGRPF	975	>TET2-F1368 LGLKEGRPY	305	670
>TET2-F1368 RLGLKEGRPF	5769	>TET2-F1368 RLGLKEGRPY	375	5394
>TET2-F1368 RLGLKEGRPF	14018	>TET2-F1368 RLGLKEGRPY	127	13891
>TET2-F1368 RLGLKEGRPF	234	>TET2-F1368 RLGLKEGRPY	216	18
>TET2-F868L FPNNVIPKQD	42	>TET2-F868L LPNNVIPKQD	44	2
>TET2-F868L FPNNVIPKQD	341	>TET2-F868L LPNNVIPKQD	492	151
>TET2-F868L FPNNVIPK	305	>TET2-F868L LPNNVIPK	865	560
>TET2-F868L FPNNVIPKQD	398	>TET2-F868L LPNNVIPKQD	1011	613
>TET2-F868L FPNNVIPKQD	133	>TET2-F868L LPNNVIPKQD	291	158
>TET2-F868L FPNNVIPK	34	>TET2-F868L LPNNVIPK	211	177
>TET2-F868L FPNNVIPKQ	90	>TET2-F868L LPNNVIPKQ	700	610
>TET2-F868L FPNNVIPKQD	169	>TET2-F868L LPNNVIPKQD	1640	1471
>TET2-F868L FPNNVIPKQD	497	>TET2-F868L LPNNVIPKQD	1351	854
>TET2-F868L YFPNNVIPK	16149	>TET2-F868L YLPNNVIPK	146	16003
>TET2-F868L YFPNNVIPKQ	9401	>TET2-F868L YLPNNVIPKQ	47	9354
>TET2-F868L YFPNNVIPKQ	11824	>TET2-F868L YLPNNVIPKQ	67	11757
>TET2-F868L YFPNNVIPK	25416	>TET2-F868L YLPNNVIPK	72	25344
>TET2-F868L YFPNNVIPKQ	13113	>TET2-F868L YLPNNVIPKQ	6	13107
>TET2-F868L YFPNNVIPK	10083	>TET2-F868L YLPNNVIPK	283	9800
>TET2-F868L YFPNNVIPK	3606	>TET2-F868L YLPNNVIPK	400	3206
>TET2-F868L YFPNNVIPK	225	>TET2-F868L YLPNNVIPK	942	717
>TET2-F868L KTQNLHHMC	10814	>TET2-F868L KTQNLHHMC	355	10459
>TET2-F868L KTQNLHHMC	183	>TET2-F868L KTQNLHHMC	2542	2359
>TET2-F868L KTQNLHHMC	249	>TET2-F868L KTQNLHHMC	1477	1228
>TET2-F868L KTQNLHHMC	1152	>TET2-F868L KTQNLHHMC	79	1073
>TET2-F868L KTQNLHHMC	233	>TET2-F868L KTQNLHHMC	176	57
>TET2-F868L KTQNLHHMC	41	>TET2-F868L KTQNLHHMC	142	101
>TET2-F868L KTQNLHHMC	235	>TET2-F868L KTQNLHHMC	6444	6209
>TET2-F868L KTQNLHHMC	116	>TET2-F868L KTQNLHHMC	2523	2407
>TET2-F868L KTQNLHHMC	5	>TET2-F868L KTQNLHHMC	11	6
>TET2-F868L KTQNLHHMC	106	>TET2-F868L KTQNLHHMC	992	886
>TET2-F868L KTQNLHHMC	34	>TET2-F868L KTQNLHHMC	307	273
>TET2-F868L KTQNLHHMC	170	>TET2-F868L KTQNLHHMC	99	71
>TET2-F868L KTQNLHHMC	12	>TET2-F868L KTQNLHHMC	57	45
>TET2-F868L QYFPNNVI	9	>TET2-F868L QYLPNNVI	8	1
>TET2-F868L QYFPNNVI	111	>TET2-F868L QYLPNNVI	114	3
>TET2-F868L QYFPNNVI	386	>TET2-F868L QYLPNNVI	233	153
>TET2-F868L QYFPNNVI	9	>TET2-F868L QYLPNNVI	8	1
>TET2-F868L QYFPNNVIPK	13	>TET2-F868L QYLPNNVIPK	20	7

>TET2-F868L: QYFPNNVI	392	>TET2-F868L: QYLPNNVI	2344	1952
>TET2-F868L: QYFPNNVIPK	212	>TET2-F868L: QYLPNNVIPK	530	318
>TET2-F868L: QYFPNNVIPK	28	>TET2-F868L: QYLPNNVIPK	37	9
>TET2-F868L: QYFPNNVI	316	>TET2-F868L: QYLPNNVI	428	112
>TET2-F868L: MQYFPNNV	54	>TET2-F868L: MQYLPNNV	119	65
>TET2-F868L: MQYFPNNV	34	>TET2-F868L: MQYLPNNV	72	38
>TET2-F868L: MQYFPNNV	14	>TET2-F868L: MQYLPNNV	27	13
>TET2-F868L: MQYFPNNVI	352	>TET2-F868L: MQYLPNNVI	1058	706
>TET2-F868L: MQYFPNNV	14	>TET2-F868L: MQYLPNNV	16	2
>TET2-F868L: MQYFPNNVI	88	>TET2-F868L: MQYLPNNVI	89	1
>TET2-F868L: MQYFPNNV	19	>TET2-F868L: MQYLPNNV	43	24
>TET2-F868L: MQYFPNNV	204	>TET2-F868L: MQYLPNNV	328	124
>TET2-F868L: MQYFPNNV	265	>TET2-F868L: MQYLPNNV	311	46
>TET2-F868L: MQYFPNNVII	41	>TET2-F868L: MQYLPNNVII	55	14
>TET2-F868L: MQYFPNNVII	10	>TET2-F868L: MQYLPNNVII	15	5
>TET2-F868L: MQYFPNNVII	49	>TET2-F868L: MQYLPNNVII	84	35
>TET2-F868L: MQYFPNNVII	117	>TET2-F868L: MQYLPNNVII	181	64
>TET2-F868L: MQYFPNNVI	205	>TET2-F868L: MQYLPNNVI	711	506
>TET2-F868L: MQYFPNNVII	138	>TET2-F868L: MQYLPNNVII	403	265
>TET2-F868L: MQYFPNNV	87	>TET2-F868L: MQYLPNNV	399	312
>TET2-F868L: MQYFPNNV	451	>TET2-F868L: MQYLPNNV	1301	850
>TET2-F868L: MQYFPNNVI	139	>TET2-F868L: MQYLPNNVI	355	216
>TET2-F868L: MQYFPNNV	13	>TET2-F868L: MQYLPNNV	21	8
>TET2-F868L: MQYFPNNVI	9	>TET2-F868L: MQYLPNNVI	11	2
>TET2-F868L: MQYFPNNVII	123	>TET2-F868L: MQYLPNNVII	192	69
>TET2-F868L: MQYFPNNVII	26	>TET2-F868L: MQYLPNNVII	37	11
>TET2-F868L: MQYFPNNVI	221	>TET2-F868L: MQYLPNNVI	139	82
>TET2-F868L: MQYFPNNVI	270	>TET2-F868L: MQYLPNNVI	426	156
>TET2-F868L: MQYFPNNVI	224	>TET2-F868L: MQYLPNNVI	301	77
>TET2-F868L: HMQYFPNN\	66	>TET2-F868L: HMQYLPNN\	164	98
>TET2-F868L: HMQYFPNN\	23	>TET2-F868L: HMQYLPNN\	45	22
>TET2-F868L: HMQYFPNN\	226	>TET2-F868L: HMQYLPNN\	537	311
>TET2-F868L: HMQYFPNN\	17	>TET2-F868L: HMQYLPNN\	27	10
>TET2-F868L: HMQYFPNN\	20	>TET2-F868L: HMQYLPNN\	54	34
>TET2-F868L: HMQYFPNN\	7	>TET2-F868L: HMQYLPNN\	9	2
>TET2-F868L: HMQYFPNN\	79	>TET2-F868L: HMQYLPNN\	112	33
>TET2-F868L: HMQYFPNN\	176	>TET2-F868L: HMQYLPNN\	121	55
>TET2-F868L: HMQYFPNN\	162	>TET2-F868L: HMQYLPNN\	272	110
>TET2-F868L: HMQYFPNN\	21	>TET2-F868L: HMQYLPNN\	43	22
>TET2-F868L: HMQYFPNN\	58	>TET2-F868L: HMQYLPNN\	103	45
>TET2-F868L: HMQYFPNN\	151	>TET2-F868L: HMQYLPNN\	673	522
>TET2-F868L: HMQYFPNN\	123	>TET2-F868L: HMQYLPNN\	342	219
>TET2-F868L: HHMQYFPNN	383	>TET2-F868L: HHMQYLPNN	1081	698

>TET2-F868L HHMQYFPNN	345	>TET2-F868L HHMQYLPNN	645	300
>TET2-F868L HHMQYFPNN	321	>TET2-F868L HHMQYLPNN	343	22
>TET2-F868L HHMQYFPNN	145	>TET2-F868L HHMQYLPNN	158	13
>TET2-F868L HHMQYFPNN	52	>TET2-F868L HHMQYLPNN	75	23
>TET2-F868L HHMQYFPNN	16	>TET2-F868L HHMQYLPNN	19	3
>TET2-F868L HHMQYFPNN	537	>TET2-F868L HHMQYLPNN	409	128
>TET2-F868L NLHHMQYF	16293	>TET2-F868L NLHHMQYL	324	15969
>TET2-F868L NLHHMQYF	2223	>TET2-F868L NLHHMQYL	21	2202
>TET2-F868L NLHHMQYF	4630	>TET2-F868L NLHHMQYL	62	4568
>TET2-F868L NLHHMQYF	4366	>TET2-F868L NLHHMQYL	50	4316
>TET2-F868L NLHHMQYF	9274	>TET2-F868L NLHHMQYL	76	9198
>TET2-F868L NLHHMQYF	9279	>TET2-F868L NLHHMQYL	26	9253
>TET2-F868L NLHHMQYF	350	>TET2-F868L NLHHMQYL	6964	6614
>TET2-F868L NLHHMQYF	383	>TET2-F868L NLHHMQYL	6105	5722
>TET2-F868L NLHHMQYF	193	>TET2-F868L NLHHMQYL	4959	4766
>TET2-F868L QNLHHMQYF	368	>TET2-F868L QNLHHMQYL	168	200
>TET2-F868L QNLHHMQYF	290	>TET2-F868L QNLHHMQYL	1732	1442
>TET2-F868L QNLHHMQYF	47	>TET2-F868L QNLHHMQYL	2045	1998
>TET2-F868L TQNLHHMQY	73	>TET2-F868L TQNLHHMQYL	1316	1243
>TET2-F868L TQNLHHMQY	16	>TET2-F868L TQNLHHMQYL	376	360
>TET2-G125€GTLTNRRCAL	272	>TET2-G125€DTLTNRRCAL	4125	3853
>TET2-G125€YGTLTNRR	359	>TET2-G125€YDTLTNRR	1075	716
>TET2-G125€KYGTLTNR	16	>TET2-G125€KYDTLTNR	38	22
>TET2-G125€KYGTLTNRR	30	>TET2-G125€KYDTLTNRR	106	76
>TET2-G125€KYGTLTNR	10	>TET2-G125€KYDTLTNR	16	6
>TET2-G125€KYGTLTNRR	9	>TET2-G125€KYDTLTNRR	13	4
>TET2-G125€RKYGTLTNR	368	>TET2-G125€RKYDTLTNR	250	118
>TET2-G125€RKYGTLTNRR	79	>TET2-G125€RKYDTLTNRR	139	60
>TET2-G125€RKYGTLTN	911	>TET2-G125€RKYDTLTN	480	431
>TET2-G125€RKYGTLTNR	38	>TET2-G125€RKYDTLTNR	19	19
>TET2-G125€RKYGTLTNRR	190	>TET2-G125€RKYDTLTNRR	99	91
>TET2-G125€RKYGTLTNR	243	>TET2-G125€RKYDTLTNR	701	458
>TET2-G125€RKYGTLTNRR	345	>TET2-G125€RKYDTLTNRR	381	36
>TET2-G125€RKYGTLTNR	133	>TET2-G125€RKYDTLTNR	101	32
>TET2-G125€RKYGTLTNRR	87	>TET2-G125€RKYDTLTNRR	74	13
>TET2-G125€LRKYGTLTNR	198	>TET2-G125€LRKYDTLTNR	184	14
>TET2-G125€TLRKYGTL	1003	>TET2-G125€TLRKYDTL	414	589
>TET2-G125€TLRKYGTL	154	>TET2-G125€TLRKYDTL	535	381
>TET2-G125€TLRKYGTL	79	>TET2-G125€TLRKYDTL	68	11
>TET2-G125€TLRKYGTLTNI	417	>TET2-G125€TLRKYDTLTNI	1149	732
>TET2-G125€TLRKYGTLTNI	26	>TET2-G125€TLRKYDTLTNI	27	1
>TET2-G125€TLRKYGTLTNI	148	>TET2-G125€TLRKYDTLTNI	130	18
>TET2-G125€TLRKYGTLTNI	581	>TET2-G125€TLRKYDTLTNI	305	276

>TET2-G125€TLRKYGTL	137	>TET2-G125€TLRKYDTL	155	18
>TET2-G125€TLRKYGTLTN	814	>TET2-G125€TLRKYDTLTN	460	354
>TET2-G125€ETLRKYGTL	405	>TET2-G125€ETLRKYDTL	869	464
>TET2-G125€ETLRKYGTL	84	>TET2-G125€ETLRKYDTL	80	4
>TET2-G125€ETLRKYGTL	147	>TET2-G125€ETLRKYDTL	298	151
>TET2-G125€ETLRKYGTL	530	>TET2-G125€ETLRKYDTL	384	146
>TET2-G125€ETLRKYGT	416	>TET2-G125€ETLRKYDT	3751	3335
>TET2-G125€ETLRKYGTL	72	>TET2-G125€ETLRKYDTL	114	42
>TET2-G125€ETLRKYGTL	453	>TET2-G125€ETLRKYDTL	950	497
>TET2-G125€ETLRKYGTL	358	>TET2-G125€ETLRKYDTL	1478	1120
>TET2-G125€TETLRKYGTL	74	>TET2-G125€TETLRKYDTL	76	2
>TET2-G125€TETLRKYGTL	102	>TET2-G125€TETLRKYDTL	127	25
>TET2-G125€LTETLRKYGTL	304	>TET2-G125€LTETLRKYDTL	709	405
>TET2-G125€LTETLRKYGTL	539	>TET2-G125€LTETLRKYDTL	408	131
>TET2-G125€LTETLRKYGTL	86	>TET2-G125€LTETLRKYDTL	139	53
>TET2-G127€GLDPETCGA	219	>TET2-G127€ELDPETCGA	2661	2442
>TET2-G127€GLDPETCGA	432	>TET2-G127€ELDPETCGA	5672	5240
>TET2-G127€GLDPETCGA	206	>TET2-G127€ELDPETCGA	2170	1964
>TET2-G127€GLDPETCGA	20	>TET2-G127€ELDPETCGA	125	105
>TET2-G127€GLDPETCGA	14	>TET2-G127€ELDPETCGA	353	339
>TET2-G127€GLDPETCGA	12	>TET2-G127€ELDPETCGA	101	89
>TET2-G127€GLDPETCGA	103	>TET2-G127€ELDPETCGA	44	59
>TET2-G127€GLDPETCGA	8	>TET2-G127€ELDPETCGA	26	18
>TET2-G127€GLDPETCGA	10922	>TET2-G127€ELDPETCGA	256	10666
>TET2-G127€RTCACQGL	920	>TET2-G127€RTCACQEL	443	477
>TET2-G127€RTCACQGL	7	>TET2-G127€RTCACQEL	9	2
>TET2-G127€RTCACQGL	253	>TET2-G127€RTCACQEL	118	135
>TET2-G127€RTCACQGL	116	>TET2-G127€RTCACQEL	154	38
>TET2-G127€EERTCACQGL	285	>TET2-G127€EERTCACQEL	175	110
>TET2-G127€EERTCACQGL	653	>TET2-G127€EERTCACQEL	391	262
>TET2-G127€EERTCACQGL	97	>TET2-G127€EERTCACQEL	217	120
>TET2-G127€NEERTCACQGL	50	>TET2-G127€NEERTCACQEL	34	16
>TET2-G127€NEERTCACQGL	359	>TET2-G127€NEERTCACQEL	422	63
>TET2-G127€GLDPETCGA	568	>TET2-G127€RLDPETCGA	434	134
>TET2-G127€GLDPETCGA	219	>TET2-G127€RLDPETCGA	279	60
>TET2-G127€GLDPETCGA	432	>TET2-G127€RLDPETCGA	273	159
>TET2-G127€GLDPETCGA	206	>TET2-G127€RLDPETCGA	70	136
>TET2-G127€GLDPETCGA	20	>TET2-G127€RLDPETCGA	12	8
>TET2-G127€GLDPETCGA	14	>TET2-G127€RLDPETCGA	20	6
>TET2-G127€GLDPETCGA	12	>TET2-G127€RLDPETCGA	20	8
>TET2-G127€GLDPETCGA	103	>TET2-G127€RLDPETCGA	42	61
>TET2-G127€GLDPETCGA	8	>TET2-G127€RLDPETCGA	9	1
>TET2-G127€GLDPETCGAS	4643	>TET2-G127€RLDPETCGAS	245	4398

>TET2-G1275GLDPETCGAS	811	>TET2-G1275RLDPETCGAS	190	621
>TET2-G1275GLDPETCGAS	2081	>TET2-G1275RLDPETCGAS	237	1844
>TET2-G1275GLDPETCGAS	1425	>TET2-G1275RLDPETCGAS	46	1379
>TET2-G1275RTCACQGL	7	>TET2-G1275RTCACQRL	6	1
>TET2-G1275RTCACQGL	253	>TET2-G1275RTCACQRL	122	131
>TET2-G1275RTCACQGL	116	>TET2-G1275RTCACQRL	131	15
>TET2-G1275ERTCACQG	39554	>TET2-G1275ERTCACQR	364	39190
>TET2-G1275EERTCACQGL	285	>TET2-G1275EERTCACQRL	744	459
>TET2-G1275EERTCACQGL	97	>TET2-G1275EERTCACQRL	227	130
>TET2-G1275EERTCACQG	34040	>TET2-G1275EERTCACQR	210	33830
>TET2-G1275NEERTCACQGL	50	>TET2-G1275NEERTCACQRL	131	81
>TET2-G1275NEERTCACQG	359	>TET2-G1275NEERTCACQR	840	481
>TET2-G1282GASFSFGCSM	86	>TET2-G1282DASFSFGCSM	1644	1558
>TET2-G1282GASFSFGCSM	234	>TET2-G1282DASFSFGCSM	918	684
>TET2-G1282GASFSFGCSM	73	>TET2-G1282DASFSFGCSM	1300	1227
>TET2-G1282GASFSFGCSM	651	>TET2-G1282DASFSFGCSM	405	246
>TET2-G1282CGASFSFGCS	347	>TET2-G1282CDASFSFGCS	6996	6649
>TET2-G1282CGASFSFGCS	38	>TET2-G1282CDASFSFGCS	3982	3944
>TET2-G1282CGASFSFGCS	205	>TET2-G1282CDASFSFGCS	1784	1579
>TET2-G1282ETCGASFSF	267	>TET2-G1282ETCDASFSF	139	128
>TET2-G1282ETCGASFSF	127	>TET2-G1282ETCDASFSF	51	76
>TET2-G1282ETCGASFS	431	>TET2-G1282ETCDASFS	643	212
>TET2-G1282ETCGASFSF	18	>TET2-G1282ETCDASFSF	31	13
>TET2-G1282ETCGASFSF	49	>TET2-G1282ETCDASFSF	225	176
>TET2-G1282ETCGASFSF	49	>TET2-G1282ETCDASFSF	169	120
>TET2-G1282ETCGASFS	559	>TET2-G1282ETCDASFS	443	116
>TET2-G1282ETCGASFSF	590	>TET2-G1282ETCDASFSF	425	165
>TET2-G1282ETCGASFS	321	>TET2-G1282ETCDASFS	239	82
>TET2-G1282ETCGASFSFG	359	>TET2-G1282ETCDASFSFG	240	119
>TET2-G1282ETCGASFSFG	1284	>TET2-G1282ETCDASFSFG	376	908
>TET2-G1282ETCGASFSF	268	>TET2-G1282ETCDASFSF	174	94
>TET2-G1282ETCGASFSF	8	>TET2-G1282ETCDASFSF	7	1
>TET2-G1282ETCGASFSF	281	>TET2-G1282ETCDASFSF	235	46
>TET2-G1282PETCGASF	398	>TET2-G1282PETCDASF	1178	780
>TET2-G1282DPETCGASFS	259	>TET2-G1282DPETCDASFS	265	6
>TET2-G1282DPETCGASFS	413	>TET2-G1282DPETCDASFS	520	107
>TET2-G1282DPETCGASF	113	>TET2-G1282DPETCDASF	36	77
>TET2-G1282DPETCGASFS	42	>TET2-G1282DPETCDASFS	23	19
>TET2-G1282DPETCGASF	932	>TET2-G1282DPETCDASF	241	691
>TET2-G1282DPETCGASFS	258	>TET2-G1282DPETCDASFS	141	117
>TET2-G1282DPETCGASF	282	>TET2-G1282DPETCDASF	82	200
>TET2-G1282DPETCGASFS	143	>TET2-G1282DPETCDASFS	72	71
>TET2-G1282GLDPETCGA	219	>TET2-G1282GLDPETCDA	1553	1334

>TET2-G1282GLDPETCGA	432	>TET2-G1282GLDPETCDA	2135	1703
>TET2-G1282GLDPETCGA	206	>TET2-G1282GLDPETCDA	2615	2409
>TET2-G1282GLDPETCGA	20	>TET2-G1282GLDPETCDA	296	276
>TET2-G1282GLDPETCGA	14	>TET2-G1282GLDPETCDA	96	82
>TET2-G1282GLDPETCGA	12	>TET2-G1282GLDPETCDA	29	17
>TET2-G1282GLDPETCGA	103	>TET2-G1282GLDPETCDA	2736	2633
>TET2-G1282GLDPETCGA	8	>TET2-G1282GLDPETCDA	17	9
>TET2-G1282GCSWSMYY	64	>TET2-G1282GCSWSMYY	71	7
>TET2-G1282GCSWSMYY	128	>TET2-G1282GCSWSMYY	73	55
>TET2-G1282GCSWSMYY	2351	>TET2-G1282GCSWSMYY	109	2242
>TET2-G1282GCSWSMYY	212	>TET2-G1282GCSWSMYY	308	96
>TET2-G1282FGCSWSMYY	5364	>TET2-G1282FGCSWSMYY	29	5335
>TET2-G1282FGCSWSMYY	1672	>TET2-G1282FGCSWSMYY	14	1658
>TET2-G1282FGCSWSMYY	3261	>TET2-G1282FGCSWSMYY	57	3204
>TET2-G1282FGCSWSMYY	10194	>TET2-G1282FGCSWSMYY	314	9880
>TET2-G1282FGCSWSMYY	16153	>TET2-G1282FGCSWSMYY	169	15984
>TET2-G1282FGCSWSMYY	16633	>TET2-G1282FGCSWSMYY	156	16477
>TET2-G1282FGCSWSMYY	48	>TET2-G1282FGCSWSMYY	17	31
>TET2-G1282FGCSWSMYY	10	>TET2-G1282FGCSWSMYY	7	3
>TET2-G1282FGCSWSMYY	186	>TET2-G1282FGCSWSMYY	59	127
>TET2-G1282FGCSWSMYY	84	>TET2-G1282FGCSWSMYY	32	52
>TET2-G1282FGCSWSMYY	3122	>TET2-G1282FGCSWSMYY	213	2909
>TET2-G1282FGCSWSMYY	158	>TET2-G1282FGCSWSMYY	34	124
>TET2-G1282FGCSWSMYY	210	>TET2-G1282FGCSWSMYY	64	146
>TET2-G1282FGCSWSMYY	136	>TET2-G1282FGCSWSMYY	49	87
>TET2-G1282FGCSWSMYY	372	>TET2-G1282FGCSWSMYY	680	308
>TET2-G1282FGCSWSMYY	730	>TET2-G1282FGCSWSMYY	43	687
>TET2-G1282FGCSWSMYY	538	>TET2-G1282FGCSWSMYY	28	510
>TET2-G1282FGCSWSMYY	1009	>TET2-G1282FGCSWSMYY	8	1001
>TET2-G1282FGCSWSMYY	1271	>TET2-G1282FGCSWSMYY	14	1257
>TET2-G1282FGCSWSMYY	138	>TET2-G1282FGCSWSMYY	118	20
>TET2-G1282FGCSWSMYY	263	>TET2-G1282FGCSWSMYY	224	39
>TET2-G1282FGCSWSMYY	5893	>TET2-G1282FGCSWSMYY	71	5822
>TET2-G1282FGCSWSMYY	4920	>TET2-G1282FGCSWSMYY	78	4842
>TET2-G1282FGCSWSMYY	109	>TET2-G1282FGCSWSMYY	14	95
>TET2-G1282FGCSWSMYY	1141	>TET2-G1282FGCSWSMYY	207	934
>TET2-G1282SFGCSWSMYY	2146	>TET2-G1282SFGCSWSMYY	445	1701
>TET2-G1282SFGCSWSMYY	533	>TET2-G1282SFGCSWSMYY	199	334
>TET2-G1282SFGCSWSMYY	744	>TET2-G1282SFGCSWSMYY	363	381
>TET2-G1282SFGCSWSMYY	641	>TET2-G1282SFGCSWSMYY	108	533
>TET2-G1282SFGCSWSMYY	18	>TET2-G1282SFGCSWSMYY	21	3
>TET2-G1282SFGCSWSMYY	15	>TET2-G1282SFGCSWSMYY	11	4
>TET2-G1282SFGCSWSMYY	841	>TET2-G1282SFGCSWSMYY	319	522



>TET2-G128ÆSFGCSWSMY	190	>TET2-G128ÆSFSCSWSMY	119	71
>TET2-G128ÆSFGCSWSMY	1503	>TET2-G128ÆSFSCSWSMY	339	1164
>TET2-G128ÆSFGCSWSMY	91	>TET2-G128ÆSFSCSWSMY	207	116
>TET2-G128ÆSFGCSWSMY	812	>TET2-G128ÆSFSCSWSMY	467	345
>TET2-G128ÆSFGCSWSMY	618	>TET2-G128ÆSFSCSWSMY	374	244
>TET2-G128ÆSFGCSWSMY	81	>TET2-G128ÆSFSCSWSMY	53	28
>TET2-G128ÆSFGCSWSMY	416	>TET2-G128ÆSFSCSWSMY	255	161
>TET2-G128ÆSFGCSWSMY	55	>TET2-G128ÆSFSCSWSMY	16	39
>TET2-G128ÆSFGCSWSMY	2710	>TET2-G128ÆSFSCSWSMY	393	2317
>TET2-G128ÆSFGCSWSMY	197	>TET2-G128ÆSFSCSWSMY	85	112
>TET2-G128ÆSFGCSWSM	646	>TET2-G128ÆSFSCSWSM	138	508
>TET2-G128ÆFSFGCSWSM	74	>TET2-G128ÆFSFSCSWSM	46	28
>TET2-G128ÆFSFGCSWSM	43	>TET2-G128ÆFSFSCSWSM	21	22
>TET2-G128ÆFSFGCSWSM	40	>TET2-G128ÆFSFSCSWSM	35	5
>TET2-G128ÆFSFGCSWSM	20	>TET2-G128ÆFSFSCSWSM	18	2
>TET2-G128ÆFSFGCSWSM	13	>TET2-G128ÆFSFSCSWSM	17	4
>TET2-G128ÆFSFGCSWSM	469	>TET2-G128ÆFSFSCSWSM	997	528
>TET2-G128ÆFSFGCSWSM	327	>TET2-G128ÆFSFSCSWSM	376	49
>TET2-G128ÆFSFGCSWSM	318	>TET2-G128ÆFSFSCSWSM	254	64
>TET2-G128ÆFSFGCSWSM	507	>TET2-G128ÆFSFSCSWSM	355	152
>TET2-G128ÆFSFGCSWSM	42	>TET2-G128ÆFSFSCSWSM	29	13
>TET2-G128ÆFSFGCSWSM	112	>TET2-G128ÆFSFSCSWSM	176	64
>TET2-G128ÆFSFGCSWSM	103	>TET2-G128ÆFSFSCSWSM	252	149
>TET2-G128ÆFSFGCSWSM	22	>TET2-G128ÆFSFSCSWSM	25	3
>TET2-G128ÆFSFGCSWSM	6	>TET2-G128ÆFSFSCSWSM	6	0
>TET2-G128ÆFSFGCSWSM	14	>TET2-G128ÆFSFSCSWSM	15	1
>TET2-G128ÆFSFGCSWSM	24	>TET2-G128ÆFSFSCSWSM	13	11
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>TET2-G128ÆFSFGCSWSM	82	>TET2-G128ÆFSFSCSWSM	38	44
>TET2-G128ÆFSFGCSWSM	158	>TET2-G128ÆFSFSCSWSM	95	63
>TET2-G128ÆFSFGCSWSM	58	>TET2-G128ÆFSFSCSWSM	44	14
>TET2-G128ÆFSFGCSWSM	46	>TET2-G128ÆFSFSCSWSM	37	9
>TET2-G128ÆFSFGCSWSM	93	>TET2-G128ÆFSFSCSWSM	124	31
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>TET2-G128ÆFSFGCSWSM	44	>TET2-G128ÆFSFSCSWSM	6	38
>TET2-G128ÆFSFGCSWSM	10	>TET2-G128ÆFSFSCSWSM	3	7
>TET2-G128ÆFSFGCSWSM	10	>TET2-G128ÆFSFSCSWSM	3	7
>TET2-G128ÆFSFGCSWSM	5	>TET2-G128ÆFSFSCSWSM	7	2
>TET2-G128ÆFSFGCSWSM	3	>TET2-G128ÆFSFSCSWSM	3	0
>TET2-G128ÆFSFGCSWSM	4	>TET2-G128ÆFSFSCSWSM	4	0

>TET2-G128ÆFSFGCSWSM	37	>TET2-G128ÆFSFSCSWSM	34	3
>TET2-G128ÆFSFGCSWSM	42	>TET2-G128ÆFSFSCSWSM	41	1
>TET2-G128ÆFSFGCSWSM	38	>TET2-G128ÆFSFSCSWSM	44	6
>TET2-G128ÆFSFGCSWSM	472	>TET2-G128ÆFSFSCSWSM	459	13
>TET2-G128ÆFSFGCSWSM	113	>TET2-G128ÆFSFSCSWSM	177	64
>TET2-G128ÆFSFGCSWSM	225	>TET2-G128ÆFSFSCSWSM	347	122
>TET2-G128ÆFSFGCSWSM	106	>TET2-G128ÆFSFSCSWSM	145	39
>TET2-G128ÆFSFGCSWSM	38	>TET2-G128ÆFSFSCSWSM	37	1
>TET2-G128ÆFSFGCSWSM	279	>TET2-G128ÆFSFSCSWSM	260	19
>TET2-G128ÆFSFGCSWSM	20	>TET2-G128ÆFSFSCSWSM	18	2
>TET2-G128ÆFSFGCSWSM	101	>TET2-G128ÆFSFSCSWSM	62	39
>TET2-G128ÆFSFGCSWSM	23	>TET2-G128ÆFSFSCSWSM	11	12
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>TET2-G128ÆFSFGCSWSM	7	>TET2-G128ÆFSFSCSWSM	5	2
>TET2-G128ÆFSFGCSWSM	87	>TET2-G128ÆFSFSCSWSM	278	191
>TET2-G128ÆFSFGCSWSM	28	>TET2-G128ÆFSFSCSWSM	40	12
>TET2-G128ÆFSFGCSWSM	162	>TET2-G128ÆFSFSCSWSM	66	96
>TET2-G128ÆSFSFGCSWSM	13	>TET2-G128ÆSFSFSCSWSM	21	8
>TET2-G128ÆSFSFGCSWSM	58	>TET2-G128ÆSFSFSCSWSM	80	22
>TET2-G128ÆSFSFGCSWSM	128	>TET2-G128ÆSFSFSCSWSM	170	42
>TET2-G128ÆSFSFGCSWSM	93	>TET2-G128ÆSFSFSCSWSM	74	19
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>TET2-G128ÆSFSFGCSWSM	112	>TET2-G128ÆSFSFSCSWSM	87	25
>TET2-G128ÆSFSFGCSWSM	461	>TET2-G128ÆSFSFSCSWSM	570	109
>TET2-G128ÆSFSFGCSW	324	>TET2-G128ÆSFSFSCSW	279	45
>TET2-G128ÆASFSFGCSWS	204	>TET2-G128ÆASFSFSCSWS	149	55
>TET2-G128ÆASFSFGCSWS	651	>TET2-G128ÆASFSFSCSWS	345	306
>TET2-G128ÆASFSFGCSWS	866	>TET2-G128ÆASFSFSCSWS	386	480
>TET2-G128ÆASFSFGCSW	51	>TET2-G128ÆASFSFSCSW	16	35
>TET2-G128ÆASFSFGCSWS	135	>TET2-G128ÆASFSFSCSWS	72	63
>TET2-G128ÆASFSFGCSW	256	>TET2-G128ÆASFSFSCSW	160	96
>TET2-G128ÆASFSFGCSWS	125	>TET2-G128ÆASFSFSCSWS	94	31
>TET2-G128ÆASFSFGCSW	29	>TET2-G128ÆASFSFSCSW	35	6
>TET2-G128ÆASFSFGCSWS	12	>TET2-G128ÆASFSFSCSWS	9	3
>TET2-G128ÆASFSFGCSW	4	>TET2-G128ÆASFSFSCSW	3	1
>TET2-G128ÆASFSFGCSWS	6	>TET2-G128ÆASFSFSCSWS	5	1
>TET2-G128ÆASFSFGCSW	34	>TET2-G128ÆASFSFSCSW	34	0
>TET2-G128ÆASFSFGCSWS	235	>TET2-G128ÆASFSFSCSWS	254	19
>TET2-G128ÆASFSFGCSW	14	>TET2-G128ÆASFSFSCSW	11	3
>TET2-G128ÆASFSFGCSWS	298	>TET2-G128ÆASFSFSCSWS	144	154
>TET2-G128ÆASFSFGCSWS	211	>TET2-G128ÆASFSFSCSWS	156	55
>TET2-G128ÆASFSFGCSW	84	>TET2-G128ÆASFSFSCSW	97	13
>TET2-G128ÆASFSFGCSWS	16	>TET2-G128ÆASFSFSCSWS	14	2

>TET2-G128ÆASFSFGCSW	336	>TET2-G128ÆASFSFSCSW	121	215
>TET2-G128ÆASFSFGCSW	266	>TET2-G128ÆASFSFSCSW	217	49
>TET2-G128ÆASFSFGCSWS	734	>TET2-G128ÆASFSFSCSWS	402	332
>TET2-G128ÆASFSFGCSWS	505	>TET2-G128ÆASFSFSCSWS	335	170
>TET2-G128ÆASFSFGCSWS	85	>TET2-G128ÆASFSFSCSWS	64	21
>TET2-G128ÆGASFSFGCSW	86	>TET2-G128ÆGASFSFSCSW	44	42
>TET2-G128ÆGASFSFGCSW	234	>TET2-G128ÆGASFSFSCSW	186	48
>TET2-G128ÆGASFSFGCSW	73	>TET2-G128ÆGASFSFSCSW	36	37
>TET2-G128ÆGASFSFGCSW	651	>TET2-G128ÆGASFSFSCSW	340	311
>TET2-G128ÆCGASFSFGCS	347	>TET2-G128ÆCGASFSFSCS\	304	43
>TET2-G128ÆCGASFSFGCS	38	>TET2-G128ÆCGASFSFSCS\	22	16
>TET2-G128ÆCGASFSFGCS	683	>TET2-G128ÆCGASFSFSCS\	317	366
>TET2-G128ÆCGASFSFGCS	205	>TET2-G128ÆCGASFSFSCS\	185	20
>TET2-G128ÆETCGASFSFG	1406	>TET2-G128ÆETCGASFSFS	304	1102
>TET2-G128ÆETCGASFSFG	359	>TET2-G128ÆETCGASFSFS\	523	164
>TET2-G128ÆGCSWSMYY	64	>TET2-G128ÆVCSWSMYY	85	21
>TET2-G128ÆGCSWSMYY	128	>TET2-G128ÆVCSWSMYY	60	68
>TET2-G128ÆGCSWSMYY	2351	>TET2-G128ÆVCSWSMYY	133	2218
>TET2-G128ÆGCSWSMYY	212	>TET2-G128ÆVCSWSMYY	538	326
>TET2-G128ÆFGCSWSMYY	5364	>TET2-G128ÆFVCSWSMYY	435	4929
>TET2-G128ÆFGCSWSMYY	1672	>TET2-G128ÆFVCSWSMYY	96	1576
>TET2-G128ÆFGCSWSMYY	10183	>TET2-G128ÆFVCSWSMYY	330	9853
>TET2-G128ÆFGCSWSMYY	3261	>TET2-G128ÆFVCSWSMYY	34	3227
>TET2-G128ÆFGCSWSMYY	14626	>TET2-G128ÆFVCSWSMYY	119	14507
>TET2-G128ÆFGCSWSMYY	10194	>TET2-G128ÆFVCSWSMYY	34	10160
>TET2-G128ÆFGCSWSMYY	16153	>TET2-G128ÆFVCSWSMYY	35	16118
>TET2-G128ÆFGCSWSMYY	16633	>TET2-G128ÆFVCSWSMYY	33	16600
>TET2-G128ÆFGCSWSMYY	48	>TET2-G128ÆFVCSWSMYY	8	40
>TET2-G128ÆFGCSWSMYY	10	>TET2-G128ÆFVCSWSMYY	5	5
>TET2-G128ÆFGCSWSMYY	186	>TET2-G128ÆFVCSWSMYY	88	98
>TET2-G128ÆFGCSWSMYY	84	>TET2-G128ÆFVCSWSMYY	42	42
>TET2-G128ÆFGCSWSMYY	7080	>TET2-G128ÆFVCSWSMYY	361	6719
>TET2-G128ÆFGCSWSMYY	3122	>TET2-G128ÆFVCSWSMYY	137	2985
>TET2-G128ÆFGCSWSMYY	3502	>TET2-G128ÆFVCSWSMYY	154	3348
>TET2-G128ÆFGCSWSMYY	158	>TET2-G128ÆFVCSWSMYY	7	151
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>TET2-G128ÆFGCSWSMYY	136	>TET2-G128ÆFVCSWSMYY	61	75
>TET2-G128ÆFGCSWSMYY	372	>TET2-G128ÆFVCSWSMYY	141	231
>TET2-G128ÆFGCSWSMYY	730	>TET2-G128ÆFVCSWSMYY	373	357
>TET2-G128ÆFGCSWSMYY	538	>TET2-G128ÆFVCSWSMYY	253	285
>TET2-G128ÆFGCSWSMYY	1009	>TET2-G128ÆFVCSWSMYY	167	842
>TET2-G128ÆFGCSWSMYY	1271	>TET2-G128ÆFVCSWSMYY	236	1035
>TET2-G128ÆFGCSWSMYY	138	>TET2-G128ÆFVCSWSMYY	60	78

>TET2-G1288FGCSWSMYY	263	>TET2-G1288FVCSWSMYY	98	165
>TET2-G1288FGCSWSMYY	109	>TET2-G1288FVCSWSMYY	39	70
>TET2-G1288FGCSWSM	2649	>TET2-G1288FVCSWSM	487	2162
>TET2-G1288FGCSWSMYY	1141	>TET2-G1288FVCSWSMYY	186	955
>TET2-G1288PETCGASFSF	18666	>TET2-G1288PETCGASFSF	124	18542
>TET2-G1288SFGCSWSM	2146	>TET2-G1288SFVCSWSM	298	1848
>TET2-G1288SFGCSWSM	641	>TET2-G1288SFVCSWSM	300	341
>TET2-G1288SFGCSWSM	18	>TET2-G1288SFVCSWSM	14	4
>TET2-G1288SFGCSWSM	15	>TET2-G1288SFVCSWSM	14	1
>TET2-G1288SFGCSWSM	190	>TET2-G1288SFVCSWSM	128	62
>TET2-G1288SFGCSWSM	2126	>TET2-G1288SFVCSWSM	482	1644
>TET2-G1288SFGCSWSM	91	>TET2-G1288SFVCSWSM	214	123
>TET2-G1288SFGCSWSM	618	>TET2-G1288SFVCSWSM	434	184
>TET2-G1288SFGCSWSM	81	>TET2-G1288SFVCSWSM	50	31
>TET2-G1288SFGCSWSM	416	>TET2-G1288SFVCSWSM	224	192
>TET2-G1288SFGCSWSM	55	>TET2-G1288SFVCSWSM	17	38
>TET2-G1288SFGCSWSM	197	>TET2-G1288SFVCSWSM	325	128
>TET2-G1288SFGCSWSM	646	>TET2-G1288SFVCSWSM	109	537
>TET2-G1288FSFGCSWSM	74	>TET2-G1288FSFVCSWSM	77	3
>TET2-G1288FSFGCSWSM	43	>TET2-G1288FSFVCSWSM	26	17
>TET2-G1288FSFGCSWSM	40	>TET2-G1288FSFVCSWSM	109	69
>TET2-G1288FSFGCSWSM	20	>TET2-G1288FSFVCSWSM	71	51
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>TET2-G1288FSFGCSWSM	469	>TET2-G1288FSFVCSWSM	2991	2522
>TET2-G1288FSFGCSWSM	327	>TET2-G1288FSFVCSWSM	863	536
>TET2-G1288FSFGCSWSM	318	>TET2-G1288FSFVCSWSM	431	113
>TET2-G1288FSFGCSWSM	42	>TET2-G1288FSFVCSWSM	53	11
>TET2-G1288FSFGCSWSM	112	>TET2-G1288FSFVCSWSM	239	127
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>TET2-G1288FSFGCSWSM	6	>TET2-G1288FSFVCSWSM	7	1
>TET2-G1288FSFGCSWSM	14	>TET2-G1288FSFVCSWSM	16	2
>TET2-G1288FSFGCSWSM	24	>TET2-G1288FSFVCSWSM	20	4
>TET2-G1288FSFGCSWSM	27	>TET2-G1288FSFVCSWSM	41	14
>TET2-G1288FSFGCSWSM	32	>TET2-G1288FSFVCSWSM	53	21
>TET2-G1288FSFGCSWSM	73	>TET2-G1288FSFVCSWSM	199	126
>TET2-G1288FSFGCSWSM	82	>TET2-G1288FSFVCSWSM	61	21
>TET2-G1288FSFGCSWSM	158	>TET2-G1288FSFVCSWSM	169	11
>TET2-G1288FSFGCSWSM	58	>TET2-G1288FSFVCSWSM	70	12
>TET2-G1288FSFGCSWSM	46	>TET2-G1288FSFVCSWSM	57	11
>TET2-G1288FSFGCSWSM	93	>TET2-G1288FSFVCSWSM	150	57
>TET2-G1288FSFGCSWSM	439	>TET2-G1288FSFVCSWSM	710	271
>TET2-G1288FSFGCSWSM	44	>TET2-G1288FSFVCSWSM	14	30

>TET2-G128ËFSFGCSWSM	10	>TET2-G128ËFSFVCSWSM'	5	5
>TET2-G128ËFSFGCSWSM	10	>TET2-G128ËFSFVCSWSM'	5	5
>TET2-G128ËFSFGCSWSM	5	>TET2-G128ËFSFVCSWSM'	6	1
>TET2-G128ËFSFGCSWSM	3	>TET2-G128ËFSFVCSWSM'	3	0
>TET2-G128ËFSFGCSWSM	4	>TET2-G128ËFSFVCSWSM'	4	0
>TET2-G128ËFSFGCSWSM	37	>TET2-G128ËFSFVCSWSM'	49	12
>TET2-G128ËFSFGCSWSM	42	>TET2-G128ËFSFVCSWSM'	57	15
>TET2-G128ËFSFGCSWSM	38	>TET2-G128ËFSFVCSWSM'	104	66
>TET2-G128ËFSFGCSWSM	472	>TET2-G128ËFSFVCSWSM'	477	5
>TET2-G128ËFSFGCSWSM	113	>TET2-G128ËFSFVCSWSM'	167	54
>TET2-G128ËFSFGCSWSM	225	>TET2-G128ËFSFVCSWSM'	320	95
>TET2-G128ËFSFGCSWSM	106	>TET2-G128ËFSFVCSWSM'	137	31
>TET2-G128ËFSFGCSWSM	38	>TET2-G128ËFSFVCSWSM'	36	2
>TET2-G128ËFSFGCSWSM	279	>TET2-G128ËFSFVCSWSM'	223	56
>TET2-G128ËFSFGCSWSM	20	>TET2-G128ËFSFVCSWSM'	18	2
>TET2-G128ËFSFGCSWSM	101	>TET2-G128ËFSFVCSWSM'	166	65
>TET2-G128ËFSFGCSWSM	23	>TET2-G128ËFSFVCSWSM'	39	16
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>TET2-G128ËFSFGCSWSM	7	>TET2-G128ËFSFVCSWSM'	10	3
>TET2-G128ËFSFGCSWSM	87	>TET2-G128ËFSFVCSWSM'	218	131
>TET2-G128ËFSFGCSWSM	28	>TET2-G128ËFSFVCSWSM'	38	10
>TET2-G128ËFSFGCSWSM	162	>TET2-G128ËFSFVCSWSM'	128	34
>TET2-G128ËSFSFGCSW	902	>TET2-G128ËSFSFVCSW	444	458
>TET2-G128ËSFSFGCSWSM	13	>TET2-G128ËSFSFVCSWSM	18	5
>TET2-G128ËSFSFGCSWSM	58	>TET2-G128ËSFSFVCSWSM	70	12
>TET2-G128ËSFSFGCSWSM	128	>TET2-G128ËSFSFVCSWSM	370	242
>TET2-G128ËSFSFGCSWSM	93	>TET2-G128ËSFSFVCSWSM	81	12
>TET2-G128ËSFSFGCSWSM	12	>TET2-G128ËSFSFVCSWSM	9	3
>TET2-G128ËSFSFGCSWSM	112	>TET2-G128ËSFSFVCSWSM	77	35
>TET2-G128ËSFSFGCSWSM	461	>TET2-G128ËSFSFVCSWSM	365	96
>TET2-G128ËSFSFGCSW	324	>TET2-G128ËSFSFVCSW	266	58
>TET2-G128ËASFSFGCSWS	204	>TET2-G128ËASFSFVCSWS	151	53
>TET2-G128ËASFSFGCSWS	651	>TET2-G128ËASFSFVCSWS	373	278
>TET2-G128ËASFSFGCSW	51	>TET2-G128ËASFSFVCSW	17	34
>TET2-G128ËASFSFGCSWS	135	>TET2-G128ËASFSFVCSWS	86	49
>TET2-G128ËASFSFGCSW	256	>TET2-G128ËASFSFVCSW	258	2
>TET2-G128ËASFSFGCSWS	125	>TET2-G128ËASFSFVCSWS	124	1
>TET2-G128ËASFSFGCSW	29	>TET2-G128ËASFSFVCSW	37	8
>TET2-G128ËASFSFGCSWS	12	>TET2-G128ËASFSFVCSWS	10	2
>TET2-G128ËASFSFGCSW	4	>TET2-G128ËASFSFVCSW	4	0
>TET2-G128ËASFSFGCSWS	6	>TET2-G128ËASFSFVCSWS	5	1
>TET2-G128ËASFSFGCSW	34	>TET2-G128ËASFSFVCSW	29	5
>TET2-G128ËASFSFGCSWS	235	>TET2-G128ËASFSFVCSWS	234	1

>TET2-G128ÆASFSFGCSW	14	>TET2-G128ÆASFSFVCSW	12	2
>TET2-G128ÆASFSFGCSWS	298	>TET2-G128ÆASFSFVCSWS	106	192
>TET2-G128ÆASFSFGCSWS	211	>TET2-G128ÆASFSFVCSWS	206	5
>TET2-G128ÆASFSFGCSW	84	>TET2-G128ÆASFSFVCSW	226	142
>TET2-G128ÆASFSFGCSWS	16	>TET2-G128ÆASFSFVCSWS	25	9
>TET2-G128ÆASFSFGCSW	336	>TET2-G128ÆASFSFVCSW	48	288
>TET2-G128ÆASFSFGCSW	266	>TET2-G128ÆASFSFVCSW	621	355
>TET2-G128ÆASFSFGCS	562	>TET2-G128ÆASFSFVCS	223	339
>TET2-G128ÆASFSFGCSWS	734	>TET2-G128ÆASFSFVCSWS	441	293
>TET2-G128ÆASFSFGCSWS	505	>TET2-G128ÆASFSFVCSWS	275	230
>TET2-G128ÆASFSFGCSWS	85	>TET2-G128ÆASFSFVCSWS	109	24
>TET2-G128ÆGASFSFGCSW	86	>TET2-G128ÆGASFSFVCSW	57	29
>TET2-G128ÆGASFSFGCSW	234	>TET2-G128ÆGASFSFVCSW	164	70
>TET2-G128ÆGASFSFGCSW	73	>TET2-G128ÆGASFSFVCSW	35	38
>TET2-G128ÆGASFSFGCSW	651	>TET2-G128ÆGASFSFVCSW	154	497
>TET2-G128ÆCGASFSFG	14306	>TET2-G128ÆCGASFSFV	186	14120
>TET2-G128ÆCGASFSFG	15397	>TET2-G128ÆCGASFSFV	96	15301
>TET2-G128ÆCGASFSFGCS	883	>TET2-G128ÆCGASFSFVCS'	490	393
>TET2-G128ÆCGASFSFGCS	347	>TET2-G128ÆCGASFSFVCS'	269	78
>TET2-G128ÆCGASFSFGCS	38	>TET2-G128ÆCGASFSFVCS'	19	19
>TET2-G128ÆCGASFSFGCS	683	>TET2-G128ÆCGASFSFVCS'	177	506
>TET2-G128ÆCGASFSFGCS	205	>TET2-G128ÆCGASFSFVCS'	296	91
>TET2-G128ÆTCGASFSFG	17679	>TET2-G128ÆTCGASFSFV	183	17496
>TET2-G128ÆETCGASFSFG	22862	>TET2-G128ÆETCGASFSFV	213	22649
>TET2-G128ÆETCGASFSFG	19863	>TET2-G128ÆETCGASFSFV	284	19579
>TET2-G128ÆETCGASFSFG	1406	>TET2-G128ÆETCGASFSFV	53	1353
>TET2-G128ÆETCGASFSFG	3579	>TET2-G128ÆETCGASFSFV	174	3405
>TET2-G128ÆETCGASFSFG	7494	>TET2-G128ÆETCGASFSFV	10	7484
>TET2-G128ÆETCGASFSFG	359	>TET2-G128ÆETCGASFSFV	1160	801
>TET2-G128ÆETCGASFSFG	9340	>TET2-G128ÆETCGASFSFV	8	9332
>TET2-G1361GLKEGRPFSG	212	>TET2-G1361DLKEGRPFSG	6369	6157
>TET2-G1361GLKEGRPFSG	5	>TET2-G1361DLKEGRPFSG	327	322
>TET2-G1361GLKEGRPFSG	113	>TET2-G1361DLKEGRPFSG	3957	3844
>TET2-G1361GLKEGRPFSG	15	>TET2-G1361DLKEGRPFSG	357	342
>TET2-G1361GLKEGRPFSG	21	>TET2-G1361DLKEGRPFSG	1116	1095
>TET2-G1361GLKEGRPFSG	27	>TET2-G1361DLKEGRPFSG	588	561
>TET2-G1361GLKEGRPFSG	2	>TET2-G1361DLKEGRPFSG	10	8
>TET2-G1361GLKEGRPFSG	5625	>TET2-G1361DLKEGRPFSG	299	5326
>TET2-G1361GLKEGRPF	63	>TET2-G1361DLKEGRPF	945	882
>TET2-G1361GLKEGRPF	132	>TET2-G1361DLKEGRPF	180	48
>TET2-G1361GLKEGRPF	235	>TET2-G1361DLKEGRPF	1417	1182
>TET2-G1361LGLKEGRPF	121	>TET2-G1361LDLKEGRPF	230	109
>TET2-G1361RLGLKEGR	194	>TET2-G1361RLDLKEGR	950	756

>TET2-G1361RLGLKEGRPF	234	>TET2-G1361RLDLKEGRPF	2404	2170
>TET2-G1361RLGLKEGR	143	>TET2-G1361RLDLKEGR	784	641
>TET2-G1361CRLGLKEGRP	174	>TET2-G1361CRLDLKEGRP	92	82
>TET2-G1361CRLGLKEGR	172	>TET2-G1361CRLDLKEGR	425	253
>TET2-G1361CRLGLKEGRP	158	>TET2-G1361CRLDLKEGRP	314	156
>TET2-G1361CRLGLKEGR	285	>TET2-G1361CRLDLKEGR	222	63
>TET2-G1361APECRLGL	1563	>TET2-G1361APECRLDL	109	1454
>TET2-G1361APECRLGL	42	>TET2-G1361APECRLDL	69	27
>TET2-G1361RAPECRLGLK	315	>TET2-G1361RAPECRLDLK	919	604
>TET2-G1361RAPECRLGLK	522	>TET2-G1361RAPECRLDLK	381	141
>TET2-G1361RAPECRLGLK	393	>TET2-G1361RAPECRLDLK	1407	1014
>TET2-G1361RAPECRLGL	53	>TET2-G1361RAPECRLDL	95	42
>TET2-G1361RAPECRLGL	474	>TET2-G1361RAPECRLDL	2911	2437
>TET2-G1361HRAPECRLGL	46	>TET2-G1361HRAPECRLDL	53	7
>TET2-G1361HRAPECRLGL	235	>TET2-G1361HRAPECRLDL	403	168
>TET2-G1361HRAPECRLGL	187	>TET2-G1361HRAPECRLDL	308	121
>TET2-G1361HRAPECRLGL	156	>TET2-G1361HRAPECRLDL	212	56
>TET2-G1361HRAPECRLGL	272	>TET2-G1361HRAPECRLDL	427	155
>TET2-G1361HRAPECRLGL	359	>TET2-G1361HRAPECRLDL	527	168
>TET2-G1361GLKEGRPFSG	790	>TET2-G1361SLKEGRPFSG'	354	436
>TET2-G1361GLKEGRPFSG	212	>TET2-G1361SLKEGRPFSG'	136	76
>TET2-G1361GLKEGRPFSG	5	>TET2-G1361SLKEGRPFSG'	4	1
>TET2-G1361GLKEGRPFSG	113	>TET2-G1361SLKEGRPFSG'	55	58
>TET2-G1361GLKEGRPFSG	15	>TET2-G1361SLKEGRPFSG'	9	6
>TET2-G1361GLKEGRPFSG	21	>TET2-G1361SLKEGRPFSG'	28	7
>TET2-G1361GLKEGRPFSG	27	>TET2-G1361SLKEGRPFSG'	17	10
>TET2-G1361GLKEGRPFS	834	>TET2-G1361SLKEGRPFS	382	452
>TET2-G1361GLKEGRPFSG	2	>TET2-G1361SLKEGRPFSG'	2	0
>TET2-G1361GLKEGRPFS	940	>TET2-G1361SLKEGRPFS	146	794
>TET2-G1361GLKEGRPF	63	>TET2-G1361SLKEGRPF	46	17
>TET2-G1361GLKEGRPF	132	>TET2-G1361SLKEGRPF	52	80
>TET2-G1361GLKEGRPF	235	>TET2-G1361SLKEGRPF	70	165
>TET2-G1361LGLKEGRPF	649	>TET2-G1361LSLKEGRPF	114	535
>TET2-G1361LGLKEGRPF	121	>TET2-G1361LSLKEGRPF	8	113
>TET2-G1361LGLKEGRPF	1112	>TET2-G1361LSLKEGRPF	8	1104
>TET2-G1361LGLKEGRPF	5994	>TET2-G1361LSLKEGRPF	218	5776
>TET2-G1361RLGLKEGR	194	>TET2-G1361RLSLKEGR	94	100
>TET2-G1361RLGLKEGRPF	234	>TET2-G1361RLSLKEGRPF	168	66
>TET2-G1361RLGLKEGRPF	797	>TET2-G1361RLSLKEGRPF	159	638
>TET2-G1361RLGLKEGRPF	1826	>TET2-G1361RLSLKEGRPF	286	1540
>TET2-G1361RLGLKEGRPF	1302	>TET2-G1361RLSLKEGRPF	216	1086
>TET2-G1361RLGLKEGR	143	>TET2-G1361RLSLKEGR	211	68
>TET2-G1361CRLGLKEGRP	174	>TET2-G1361CRLSLKEGRPI	34	140

>TET2-G1361CRLGLKEGR	172	>TET2-G1361CRLSLKEGR	221	49
>TET2-G1361CRLGLKEGRP	158	>TET2-G1361CRLSLKEGRPI	203	45
>TET2-G1361CRLGLKEGR	285	>TET2-G1361CRLSLKEGR	347	62
>TET2-G1361APECRLGL	1563	>TET2-G1361APECRLSL	314	1249
>TET2-G1361APECRLGL	42	>TET2-G1361APECRLSL	18	24
>TET2-G1361APECRLGL	2527	>TET2-G1361APECRLSL	313	2214
>TET2-G1361RAPECRLGLK	315	>TET2-G1361RAPECRLSLK	142	173
>TET2-G1361RAPECRLGLK	522	>TET2-G1361RAPECRLSLK	130	392
>TET2-G1361RAPECRLGLK	393	>TET2-G1361RAPECRLSLK	243	150
>TET2-G1361RAPECRLGLK	1613	>TET2-G1361RAPECRLSLK	229	1384
>TET2-G1361RAPECRLGL	828	>TET2-G1361RAPECRLSL	40	788
>TET2-G1361RAPECRLGL	53	>TET2-G1361RAPECRLSL	30	23
>TET2-G1361RAPECRLGL	474	>TET2-G1361RAPECRLSL	1780	1306
>TET2-G1361RAPECRLGL	1253	>TET2-G1361RAPECRLSL	321	932
>TET2-G1361HRAPECRLGL	46	>TET2-G1361HRAPECRLSL	48	2
>TET2-G1361HRAPECRLGL	235	>TET2-G1361HRAPECRLSL	240	5
>TET2-G1361HRAPECRLGL	187	>TET2-G1361HRAPECRLSL	63	124
>TET2-G1361HRAPECRLGL	156	>TET2-G1361HRAPECRLSL	190	34
>TET2-G1361HRAPECRLGL	272	>TET2-G1361HRAPECRLSL	416	144
>TET2-G1361HRAPECRLGL	359	>TET2-G1361HRAPECRLSL	193	166
>TET2-G137C GVTACLDF	6621	>TET2-G137C EVTACLDF	78	6543
>TET2-G137C GVTACLDFCA	14626	>TET2-G137C EVTACLDFCA	223	14403
>TET2-G137C GVTACLDFC	17410	>TET2-G137C EVTACLDFC	232	17178
>TET2-G137C GVTACLDFCA	6313	>TET2-G137C EVTACLDFCA	263	6050
>TET2-G137C SGVTACLDF	24948	>TET2-G137C SEVTACLDF	336	24612
>TET2-G137C SGVTACLDF	109	>TET2-G137C SEVTACLDF	196	87
>TET2-G137C SGVTACLDF	1038	>TET2-G137C SEVTACLDF	167	871
>TET2-G137C SGVTACLDF	21782	>TET2-G137C SEVTACLDF	111	21671
>TET2-G137C SGVTACLDF	24098	>TET2-G137C SEVTACLDF	489	23609
>TET2-G137C SGVTACLDF	18631	>TET2-G137C SEVTACLDF	322	18309
>TET2-G137C SGVTACLDF	27335	>TET2-G137C SEVTACLDF	40	27295
>TET2-G137C SGVTACLDFC	23608	>TET2-G137C SEVTACLDFC	12	23596
>TET2-G137C SGVTACLDF	34173	>TET2-G137C SEVTACLDF	148	34025
>TET2-G137C FSGVTACLDF	1846	>TET2-G137C FSEVTACLDF	438	1408
>TET2-G137C FSGVTACLDF	485	>TET2-G137C FSEVTACLDF	4553	4068
>TET2-G137C FSGVTACLDF	94	>TET2-G137C FSEVTACLDF	324	230
>TET2-G137C FSGVTACL	731	>TET2-G137C FSEVTACL	391	340
>TET2-G137C FSGVTACLDF	27	>TET2-G137C FSEVTACLDF	17	10
>TET2-G137C FSGVTACL	3569	>TET2-G137C FSEVTACL	330	3239
>TET2-G137C FSGVTACLDF	402	>TET2-G137C FSEVTACLDF	3627	3225
>TET2-G137C FSGVTACL	582	>TET2-G137C FSEVTACL	320	262
>TET2-G137C FSGVTACL	74	>TET2-G137C FSEVTACL	62	12
>TET2-G137C FSGVTACLDF	354	>TET2-G137C FSEVTACLDF	379	25



>TET2-G137C PFSGVTACLD	274	>TET2-G137C PFSEVTACLD	353	79
>TET2-G137C PFSGVTACLD	206	>TET2-G137C PFSEVTACLD	262	56
>TET2-G137C PFSGVTACLD	390	>TET2-G137C PFSEVTACLD	883	493
>TET2-G137C RPFSGVTACL	57	>TET2-G137C RPFSEVTACL	323	266
>TET2-G137C RPFSGVTA	124	>TET2-G137C RPFSEVTA	1664	1540
>TET2-G137C RPFSGVTAC	138	>TET2-G137C RPFSEVTAC	1988	1850
>TET2-G137C RPFSGVTACL	57	>TET2-G137C RPFSEVTACL	207	150
>TET2-G137C RPFSGVTACL	242	>TET2-G137C RPFSEVTACL	224	18
>TET2-G137C RPFSGVTACL	35	>TET2-G137C RPFSEVTACL	57	22
>TET2-G137C RPFSGVTA	181	>TET2-G137C RPFSEVTA	565	384
>TET2-G137C RPFSGVTACL	1120	>TET2-G137C RPFSEVTACL	462	658
>TET2-G137C GRPFSGVTAC	46	>TET2-G137C GRPFSEVTAC	58	12
>TET2-G137C KEGRPFSGV	1088	>TET2-G137C KEGRPFSEV	278	810
>TET2-G137C KEGRPFSGV	89	>TET2-G137C KEGRPFSEV	56	33
>TET2-G137C KEGRPFSGVT	28	>TET2-G137C KEGRPFSEVT	25	3
>TET2-G137C KEGRPFSGV	37	>TET2-G137C KEGRPFSEV	42	5
>TET2-G137C GLKEGRPFSG	790	>TET2-G137C GLKEGRPFSE'	435	355
>TET2-G137C GLKEGRPFSG	212	>TET2-G137C GLKEGRPFSE'	166	46
>TET2-G137C GLKEGRPFSG	5	>TET2-G137C GLKEGRPFSE'	6	1
>TET2-G137C GLKEGRPFSG	113	>TET2-G137C GLKEGRPFSE'	168	55
>TET2-G137C GLKEGRPFSG	15	>TET2-G137C GLKEGRPFSE'	16	1
>TET2-G137C GLKEGRPFSG	21	>TET2-G137C GLKEGRPFSE'	31	10
>TET2-G137C GLKEGRPFSG	27	>TET2-G137C GLKEGRPFSE'	27	0
>TET2-G137C GLKEGRPFSG	2	>TET2-G137C GLKEGRPFSE'	2	0
>TET2-G137C GVTACLDFC	807	>TET2-G137C VVTACLDFC	385	422
>TET2-G137C SGVTACLDF	109	>TET2-G137C SVVTACLDF	537	428
>TET2-G137C SGVTACLDFC	11480	>TET2-G137C SVVTACLDFC	410	11070
>TET2-G137C SGVTACLDF	28780	>TET2-G137C SVVTACLDF	372	28408
>TET2-G137C SGVTACLDF	5933	>TET2-G137C SVVTACLDF	461	5472
>TET2-G137C SGVTACLDFC	9944	>TET2-G137C SVVTACLDFC	341	9603
>TET2-G137C FSGVTACLDF	485	>TET2-G137C FSVVTACLDF	335	150
>TET2-G137C FSGVTACL	2444	>TET2-G137C FSVVTACL	386	2058
>TET2-G137C FSGVTACLDF	94	>TET2-G137C FSVVTACLDF	18	76
>TET2-G137C FSGVTACL	731	>TET2-G137C FSVVTACL	49	682
>TET2-G137C FSGVTACLDF	27	>TET2-G137C FSVVTACLDF	5	22
>TET2-G137C FSGVTACL	3569	>TET2-G137C FSVVTACL	142	3427
>TET2-G137C FSGVTACLDF	402	>TET2-G137C FSVVTACLDF	100	302
>TET2-G137C FSGVTACL	582	>TET2-G137C FSVVTACL	45	537
>TET2-G137C FSGVTACL	74	>TET2-G137C FSVVTACL	44	30
>TET2-G137C FSGVTACLDF	354	>TET2-G137C FSVVTACLDF	273	81
>TET2-G137C PFSGVTACLD	274	>TET2-G137C PFSVVTACLD	259	15
>TET2-G137C PFSGVTACLD	206	>TET2-G137C PFSVVTACLD	363	157
>TET2-G137C PFSGVTACLD	390	>TET2-G137C PFSVVTACLD	1010	620

>TET2-G137C RPFSGVTACL	57	>TET2-G137C RPFSSVVTACL	98	41
>TET2-G137C RPFSGVTA	124	>TET2-G137C RPFSSVTA	571	447
>TET2-G137C RPFSGVTAC	138	>TET2-G137C RPFSSVTAC	547	409
>TET2-G137C RPFSGVTACL	57	>TET2-G137C RPFSSVVTACL	48	9
>TET2-G137C RPFSGVTACL	242	>TET2-G137C RPFSSVVTACL	253	11
>TET2-G137C RPFSGVTACL	35	>TET2-G137C RPFSSVVTACL	44	9
>TET2-G137C RPFSGVTA	181	>TET2-G137C RPFSSVTA	180	1
>TET2-G137C RPFSGVTA	1119	>TET2-G137C RPFSSVTA	251	868
>TET2-G137C RPFSGVTACL	1120	>TET2-G137C RPFSSVVTACL	235	885
>TET2-G137C RPFSGVTACL	640	>TET2-G137C RPFSSVVTACL	406	234
>TET2-G137C GRPFSGVTAC	713	>TET2-G137C GRPSSVVTAC	467	246
>TET2-G137C GRPFSGVTAC	46	>TET2-G137C GRPSSVVTAC	24	22
>TET2-G137C KEGRPFSG	10961	>TET2-G137C KEGRPFSV	375	10586
>TET2-G137C KEGRPFSGV	1088	>TET2-G137C KEGRPFSVV	314	774
>TET2-G137C KEGRPFSG	1406	>TET2-G137C KEGRPFSV	98	1308
>TET2-G137C KEGRPFSGV	89	>TET2-G137C KEGRPFSVV	72	17
>TET2-G137C KEGRPFSGVT	28	>TET2-G137C KEGRPFSVVT	24	4
>TET2-G137C KEGRPFSGV	37	>TET2-G137C KEGRPFSVV	47	10
>TET2-G137C GLKEGRPFSG	14689	>TET2-G137C GLKEGRPFSV	100	14589
>TET2-G137C GLKEGRPFSG	6211	>TET2-G137C GLKEGRPFSV	38	6173
>TET2-G137C GLKEGRPFSG	212	>TET2-G137C GLKEGRPFSV	649	437
>TET2-G137C GLKEGRPFSG	12043	>TET2-G137C GLKEGRPFSV	42	12001
>TET2-G137C GLKEGRPFSG	5	>TET2-G137C GLKEGRPFSV	7	2
>TET2-G137C GLKEGRPFSG	113	>TET2-G137C GLKEGRPFSV	437	324
>TET2-G137C GLKEGRPFSG	8984	>TET2-G137C GLKEGRPFSV	9	8975
>TET2-G137C GLKEGRPFSG	15	>TET2-G137C GLKEGRPFSV	32	17
>TET2-G137C GLKEGRPFSG	8588	>TET2-G137C GLKEGRPFSV	12	8576
>TET2-G137C GLKEGRPFSG	21	>TET2-G137C GLKEGRPFSV	31	10
>TET2-G137C GLKEGRPFSG	14353	>TET2-G137C GLKEGRPFSV	12	14341
>TET2-G137C GLKEGRPFSG	27	>TET2-G137C GLKEGRPFSV	53	26
>TET2-G137C GLKEGRPFSG	22999	>TET2-G137C GLKEGRPFSV	177	22822
>TET2-G137C GLKEGRPFSG	4604	>TET2-G137C GLKEGRPFSV	2	4602
>TET2-G137C GLKEGRPFSG	2	>TET2-G137C GLKEGRPFSV	4	2
>TET2-G171C GKLPPTYPT	2468	>TET2-G171C RKLPPYPT	182	2286
>TET2-G171C GKLPPTYPTH	234	>TET2-G171C RKLPPYPTH	23	211
>TET2-G171C GKLPPTYPTHE	4086	>TET2-G171C RKLPPYPTHE	427	3659
>TET2-G171C GKLPPTYPTHE	47	>TET2-G171C RKLPPYPTHE	8	39
>TET2-G171C CTIRPNVHHV	25856	>TET2-G171C CTIRPNVHHV	277	25579
>TET2-G171C CTIRPNVHHV	16328	>TET2-G171C CTIRPNVHHV	30	16298
>TET2-G171C CTIRPNVHHV	28715	>TET2-G171C CTIRPNVHHV	158	28557
>TET2-G171C CTIRPNVHHV	15152	>TET2-G171C CTIRPNVHHV	13	15139
>TET2-G171C CTIRPNVHHV	37064	>TET2-G171C CTIRPNVHHV	412	36652
>TET2-G171C HVGKLPPTY	2550	>TET2-G171C HVRKLPPTY	385	2165

>TET2-G171ϵHVGKLPPY	97	>TET2-G171ϵHVRKLPPY	57	40
>TET2-G171ϵHVGKLPPY	356	>TET2-G171ϵHVRKLPPY	162	194
>TET2-G171ϵHVGKLPPY	141	>TET2-G171ϵHVRKLPPY	267	126
>TET2-G171ϵHVGKLPPY	2452	>TET2-G171ϵHVRKLPPY	6	2446
>TET2-G171ϵHVGKLPPYP	5585	>TET2-G171ϵHVRKLPPYP	9	5576
>TET2-G171ϵHVGKLPPYPT	7386	>TET2-G171ϵHVRKLPPYPT	20	7366
>TET2-G171ϵHVGKLPPYPT	7296	>TET2-G171ϵHVRKLPPYPT	15	7281
>TET2-G171ϵHVGKLPPY	374	>TET2-G171ϵHVRKLPPY	440	66
>TET2-G171ϵHVGKLPPY	19	>TET2-G171ϵHVRKLPPY	122	103
>TET2-G171ϵHVGKLPPY	251	>TET2-G171ϵHVRKLPPY	110	141
>TET2-G171ϵHVGKLPPY	2523	>TET2-G171ϵHVRKLPPY	70	2453
>TET2-G171ϵHVGKLPPY	283	>TET2-G171ϵHVRKLPPY	192	91
>TET2-G171ϵHHVGKLPPY	102	>TET2-G171ϵHHVRKLPPY	225	123
>TET2-G171ϵHHVGKLPPY	422	>TET2-G171ϵHHVRKLPPY	2266	1844
>TET2-G171ϵHHVGKLPPY	1664	>TET2-G171ϵHHVRKLPPY	397	1267
>TET2-G171ϵHHVGKLPPY	447	>TET2-G171ϵHHVRKLPPY	1704	1257
>TET2-G171ϵVHHVGKLPPY	345	>TET2-G171ϵVHHVRKLPPY	287	58
>TET2-G171ϵNVHHVGKLPI	185	>TET2-G171ϵNVHHVRKLPI	257	72
>TET2-G171ϵNVHHVGKLPI	146	>TET2-G171ϵNVHHVRKLPI	139	7
>TET2-G171ϵNVHHVGKLPI	187	>TET2-G171ϵNVHHVRKLPI	351	164
>TET2-G171ϵNVHHVGKLPI	549	>TET2-G171ϵNVHHVRKLPI	419	130
>TET2-G171ϵNVHHVGKL	243	>TET2-G171ϵNVHHVRKL	322	79
>TET2-G171ϵNVHHVGKLPI	498	>TET2-G171ϵNVHHVRKLPI	775	277
>TET2-G171ϵNVHHVGKLPI	280	>TET2-G171ϵNVHHVRKLPI	420	140
>TET2-G171ϵNVHHVGKLPI	411	>TET2-G171ϵNVHHVRKLPI	673	262
>TET2-G171ϵRPNVHHVG	18690	>TET2-G171ϵRPNVHHVR	49	18641
>TET2-G171ϵRPNVHHVGK	108	>TET2-G171ϵRPNVHHVRK	92	16
>TET2-G171ϵRPNVHHVG	35396	>TET2-G171ϵRPNVHHVR	260	35136
>TET2-G171ϵIRPNVHHVGK	80	>TET2-G171ϵIRPNVHHVRK	48	32
>TET2-G171ϵTIRPNVHHVC	161	>TET2-G171ϵTIRPNVHHVR	117	44
>TET2-G171ϵTIRPNVHHVC	422	>TET2-G171ϵTIRPNVHHVR	282	140
>TET2-G171ϵTIRPNVHHVC	657	>TET2-G171ϵTIRPNVHHVR	214	443
>TET2-G171ϵTIRPNVHHVC	7	>TET2-G171ϵTIRPNVHHVR	7	0
>TET2-G171ϵTIRPNVHHVC	20767	>TET2-G171ϵTIRPNVHHVR	43	20724
>TET2-G171ϵTIRPNVHHVC	702	>TET2-G171ϵTIRPNVHHVR	367	335
>TET2-G171ϵTIRPNVHHVC	373	>TET2-G171ϵTIRPNVHHVR	390	17
>TET2-G171ϵTIRPNVHHVC	33238	>TET2-G171ϵTIRPNVHHVR	197	33041
>TET2-G1861GVAVAPTHG	461	>TET2-G1861RVAVAPTHG!	324	137
>TET2-G1861GVAVAPTHG	4264	>TET2-G1861RVAVAPTHG!	82	4182
>TET2-G1861GVAVAPTHG	8700	>TET2-G1861RVAVAPTHG!	336	8364
>TET2-G1861GVAVAPTHG	6674	>TET2-G1861RVAVAPTHG!	306	6368
>TET2-G1861GVAVAPTHG	12577	>TET2-G1861RVAVAPTHG!	338	12239
>TET2-G1861GVAVAPTHG	236	>TET2-G1861RVAVAPTHG!	34	202

>TET2-G1861GGVAVAPTH	30360	>TET2-G1861GRVAVAPTH	496	29864
>TET2-G1861EQSFLDPDIGI	36318	>TET2-G1861EQSFLDPDIGI	81	36237
>TET2-G1861PDIGGVAV	581	>TET2-G1861PDIGRVAV	449	132
>TET2-G1861FLDPDIGGV	12	>TET2-G1861FLDPDIGRV	12	0
>TET2-G1861FLDPDIGGVA	189	>TET2-G1861FLDPDIGRVA	331	142
>TET2-G1861FLDPDIGGVA	11	>TET2-G1861FLDPDIGRVA	12	1
>TET2-G1861FLDPDIGGV	4	>TET2-G1861FLDPDIGRV	6	2
>TET2-G1861FLDPDIGGVA	189	>TET2-G1861FLDPDIGRVA	271	82
>TET2-G1861FLDPDIGGVA	5	>TET2-G1861FLDPDIGRVA	6	1
>TET2-G1861FLDPDIGGV	3	>TET2-G1861FLDPDIGRV	4	1
>TET2-G1861FLDPDIGGVA	173	>TET2-G1861FLDPDIGRVA	332	159
>TET2-G1861FLDPDIGGVA	6	>TET2-G1861FLDPDIGRVA	10	4
>TET2-G1861FLDPDIGGV	4	>TET2-G1861FLDPDIGRV	7	3
>TET2-G1861FLDPDIGGVA	215	>TET2-G1861FLDPDIGRVA	290	75
>TET2-G1861FLDPDIGGVA	4	>TET2-G1861FLDPDIGRVA	6	2
>TET2-G1861FLDPDIGG	159	>TET2-G1861FLDPDIGR	1011	852
>TET2-G1861FLDPDIGGV	1	>TET2-G1861FLDPDIGRV	1	0
>TET2-G1861FLDPDIGGVA	7	>TET2-G1861FLDPDIGRVA	8	1
>TET2-G1861FLDPDIGGVA	1	>TET2-G1861FLDPDIGRVA	2	1
>TET2-G1861FLDPDIGGV	2	>TET2-G1861FLDPDIGRV	3	1
>TET2-G1861FLDPDIGGVA	22	>TET2-G1861FLDPDIGRVA	32	10
>TET2-G1861FLDPDIGGVA	2	>TET2-G1861FLDPDIGRVA	3	1
>TET2-G1861FLDPDIGGV	4	>TET2-G1861FLDPDIGRV	5	1
>TET2-G1861FLDPDIGGVA	20	>TET2-G1861FLDPDIGRVA	30	10
>TET2-G1861FLDPDIGGVA	4	>TET2-G1861FLDPDIGRVA	4	0
>TET2-G1861FLDPDIGGV	3	>TET2-G1861FLDPDIGRV	5	2
>TET2-G1861FLDPDIGGVA	174	>TET2-G1861FLDPDIGRVA	230	56
>TET2-G1861FLDPDIGGVA	4	>TET2-G1861FLDPDIGRVA	7	3
>TET2-G1861FLDPDIGGV	1	>TET2-G1861FLDPDIGRV	1	0
>TET2-G1861FLDPDIGGVA	7	>TET2-G1861FLDPDIGRVA	8	1
>TET2-G1861FLDPDIGGVA	1	>TET2-G1861FLDPDIGRVA	1	0
>TET2-G1861FLDPDIGGV	64	>TET2-G1861FLDPDIGRV	342	278
>TET2-G1861FLDPDIGGVA	113	>TET2-G1861FLDPDIGRVA	160	47
>TET2-G1861SFLDPDIGGV	84	>TET2-G1861SFLDPDIGRV	123	39
>TET2-G1861SFLDPDIGGV	114	>TET2-G1861SFLDPDIGRV	291	177
>TET2-G1861SFLDPDIGGV	175	>TET2-G1861SFLDPDIGRV	155	20
>TET2-G1861SFLDPDIGG	23685	>TET2-G1861SFLDPDIGR	283	23402
>TET2-G1861SFLDPDIGG	36712	>TET2-G1861SFLDPDIGR	436	36276
>TET2-G1861SFLDPDIGG	28237	>TET2-G1861SFLDPDIGR	34	28203
>TET2-G1861QSFLDPDIGG	33732	>TET2-G1861QSFLDPDIGR	37	33695
>TET2-G1861QSFLDPDIGG	78	>TET2-G1861QSFLDPDIGR	131	53
>TET2-G1861QSFLDPDIGG	17948	>TET2-G1861QSFLDPDIGR	483	17465
>TET2-G1861QSFLDPDIGG	35867	>TET2-G1861QSFLDPDIGR	366	35501

>TET2-G186ϵGSILIECAK	60	>TET2-G186ϵWSILIECAK	2162	2102
>TET2-G186ϵGSILIECAKR	163	>TET2-G186ϵWSILIECAKR	185	22
>TET2-G186ϵGSILIECAKR	1327	>TET2-G186ϵWSILIECAKR	282	1045
>TET2-G186ϵGSILIECAK	416	>TET2-G186ϵWSILIECAK	102	314
>TET2-G186ϵGSILIECAKR	34	>TET2-G186ϵWSILIECAKR	10	24
>TET2-G186ϵHGSILIECAKR	776	>TET2-G186ϵHWSILIECAK	253	523
>TET2-G186ϵHGSILIECAKR	414	>TET2-G186ϵHWSILIECAK	1355	941
>TET2-G186ϵHGSILIECAK	2717	>TET2-G186ϵHWSILIECAK	40	2677
>TET2-G186ϵHGSILIECAKR	345	>TET2-G186ϵHWSILIECAK	12	333
>TET2-G186ϵHGSILIEC	34751	>TET2-G186ϵHWSILIEC	303	34448
>TET2-G186ϵHGSILIECA	32560	>TET2-G186ϵHWSILIECA	181	32379
>TET2-G186ϵIGGVAVAPTH	24386	>TET2-G186ϵIGGVAVAPTH	134	24252
>TET2-G186ϵIGGVAVAPTH	20975	>TET2-G186ϵIGGVAVAPTH	50	20925
>TET2-G186ϵPTHGSILI	309	>TET2-G186ϵPTHWSILI	537	228
>TET2-G186ϵPTHGSILI	554	>TET2-G186ϵPTHWSILI	190	364
>TET2-G186ϵAPTHGSILI	461	>TET2-G186ϵAPTHWSILI	15407	14946
>TET2-G186ϵAPTHGSIL	25	>TET2-G186ϵAPTHWSIL	32	7
>TET2-G186ϵAPTHGSILI	375	>TET2-G186ϵAPTHWSILI	851	476
>TET2-G186ϵAPTHGSIL	837	>TET2-G186ϵAPTHWSIL	414	423
>TET2-G186ϵAPTHGSIL	1816	>TET2-G186ϵAPTHWSIL	448	1368
>TET2-G186ϵAPTHGSILI	174	>TET2-G186ϵAPTHWSILI	64	110
>TET2-G186ϵAPTHGSILI	1749	>TET2-G186ϵAPTHWSILI	492	1257
>TET2-G186ϵVAPTHGSIL	828	>TET2-G186ϵVAPTHWSIL	121	707
>TET2-G186ϵVAPTHGSIL	5	>TET2-G186ϵVAPTHWSIL	5	0
>TET2-G186ϵVAPTHGSILI	6	>TET2-G186ϵVAPTHWSILI	6	0
>TET2-G186ϵVAPTHGSILIE	280	>TET2-G186ϵVAPTHWSILII	331	51
>TET2-G186ϵVAPTHGSI	249	>TET2-G186ϵVAPTHWSI	302	53
>TET2-G186ϵVAPTHGSILI	227	>TET2-G186ϵVAPTHWSILI	73	154
>TET2-G186ϵAVAPTHGSI	13657	>TET2-G186ϵAVAPTHWSI	380	13277
>TET2-G186ϵAVAPTHGSILI	2073	>TET2-G186ϵAVAPTHWSIL	321	1752
>TET2-G186ϵAVAPTHGSI	1852	>TET2-G186ϵAVAPTHWSI	80	1772
>TET2-G186ϵAVAPTHGSILI	509	>TET2-G186ϵAVAPTHWSIL	135	374
>TET2-G186ϵAVAPTHGSI	228	>TET2-G186ϵAVAPTHWSI	216	12
>TET2-G186ϵAVAPTHGSILI	276	>TET2-G186ϵAVAPTHWSIL	238	38
>TET2-G186ϵAVAPTHGSI	878	>TET2-G186ϵAVAPTHWSI	8	870
>TET2-G186ϵAVAPTHGSILI	142	>TET2-G186ϵAVAPTHWSIL	26	116
>TET2-G186ϵAVAPTHGSI	1661	>TET2-G186ϵAVAPTHWSI	46	1615
>TET2-G186ϵAVAPTHGSILI	1485	>TET2-G186ϵAVAPTHWSIL	214	1271
>TET2-G186ϵAVAPTHGSI	9564	>TET2-G186ϵAVAPTHWSI	138	9426
>TET2-G186ϵAVAPTHGSILI	2131	>TET2-G186ϵAVAPTHWSIL	329	1802
>TET2-G186ϵAVAPTHGSI	1348	>TET2-G186ϵAVAPTHWSI	13	1335
>TET2-G186ϵAVAPTHGSIL	514	>TET2-G186ϵAVAPTHWSIL	104	410
>TET2-G186ϵAVAPTHGSILI	686	>TET2-G186ϵAVAPTHWSIL	89	597

>TET2-G186ϵ AVAPTHGSI	183	>TET2-G186ϵ AVAPTHWSI	251	68
>TET2-G186ϵ AVAPTHGSILI	153	>TET2-G186ϵ AVAPTHWSIL	205	52
>TET2-G186ϵ AVAPTHGSI	2514	>TET2-G186ϵ AVAPTHWSI	181	2333
>TET2-G186ϵ AVAPTHGSI	438	>TET2-G186ϵ AVAPTHWSI	97	341
>TET2-G186ϵ AVAPTHGSILI	196	>TET2-G186ϵ AVAPTHWSIL	90	106
>TET2-G186ϵ AVAPTHGSI	1867	>TET2-G186ϵ AVAPTHWSI	147	1720
>TET2-G186ϵ AVAPTHGSILI	1430	>TET2-G186ϵ AVAPTHWSIL	286	1144
>TET2-G186ϵ AVAPTHGSI	216	>TET2-G186ϵ AVAPTHWSI	1322	1106
>TET2-G186ϵ AVAPTHGSI	9431	>TET2-G186ϵ AVAPTHWSI	388	9043
>TET2-G186ϵ AVAPTHGSIL	8441	>TET2-G186ϵ AVAPTHWSIL	434	8007
>TET2-G186ϵ AVAPTHGSI	51	>TET2-G186ϵ AVAPTHWSI	108	57
>TET2-G186ϵ AVAPTHGSIL	294	>TET2-G186ϵ AVAPTHWSIL	231	63
>TET2-G186ϵ AVAPTHGSILI	84	>TET2-G186ϵ AVAPTHWSIL	104	20
>TET2-G186ϵ VAVAPTHGSI	2855	>TET2-G186ϵ VAVAPTHWS	332	2523
>TET2-G186ϵ VAVAPTHGSI	98	>TET2-G186ϵ VAVAPTHWS	72	26
>TET2-G186ϵ VAVAPTHGSI	778	>TET2-G186ϵ VAVAPTHWS	268	510
>TET2-G186ϵ VAVAPTHG	12369	>TET2-G186ϵ VAVAPTHW	7	12362
>TET2-G186ϵ VAVAPTHGSI	128	>TET2-G186ϵ VAVAPTHWS	88	40
>TET2-G186ϵ VAVAPTHGSI	73	>TET2-G186ϵ VAVAPTHWS	93	20
>TET2-G186ϵ VAVAPTHG	33134	>TET2-G186ϵ VAVAPTHW	213	32921
>TET2-G186ϵ VAVAPTHG	20900	>TET2-G186ϵ VAVAPTHW	41	20859
>TET2-G186ϵ VAVAPTHG	13823	>TET2-G186ϵ VAVAPTHW	9	13814
>TET2-G186ϵ VAVAPTHGSI	747	>TET2-G186ϵ VAVAPTHWS	79	668
>TET2-G186ϵ VAVAPTHGSI	1102	>TET2-G186ϵ VAVAPTHWS	162	940
>TET2-G186ϵ VAVAPTHGSI	263	>TET2-G186ϵ VAVAPTHWS	321	58
>TET2-G186ϵ VAVAPTHGSI	136	>TET2-G186ϵ VAVAPTHWS	2169	2033
>TET2-G186ϵ GVAVAPTHG	2648	>TET2-G186ϵ GVAVAPTHW	429	2219
>TET2-G186ϵ GVAVAPTHG	461	>TET2-G186ϵ GVAVAPTHW	430	31
>TET2-G186ϵ GVAVAPTHG	3071	>TET2-G186ϵ GVAVAPTHW	236	2835
>TET2-G186ϵ GVAVAPTHG	25443	>TET2-G186ϵ GVAVAPTHW	402	25041
>TET2-G186ϵ GVAVAPTHG	24298	>TET2-G186ϵ GVAVAPTHW	386	23912
>TET2-G186ϵ GVAVAPTHG	20760	>TET2-G186ϵ GVAVAPTHW	31	20729
>TET2-G186ϵ GVAVAPTHG	236	>TET2-G186ϵ GVAVAPTHW	452	216
>TET2-G186ϵ GGVAVAPTH	28089	>TET2-G186ϵ GGVAVAPTH	440	27649
>TET2-G186ϵ GGVAVAPTH	24824	>TET2-G186ϵ GGVAVAPTH	363	24461
>TET2-G186ϵ GGVAVAPTH	20569	>TET2-G186ϵ GGVAVAPTH	43	20526
>TET2-G191ϵ GLALWEAKM	405	>TET2-G191ϵ DLALWEAKM	9228	8823
>TET2-G191ϵ GLALWEAKM	470	>TET2-G191ϵ DLALWEAKM	3116	2646
>TET2-G191ϵ GLALWEAKM	320	>TET2-G191ϵ DLALWEAKM	5522	5202
>TET2-G191ϵ GLALWEAKM	294	>TET2-G191ϵ DLALWEAKM	5047	4753
>TET2-G191ϵ GLALWEAKM	161	>TET2-G191ϵ DLALWEAKM	3954	3793
>TET2-G191ϵ GLALWEAKM	159	>TET2-G191ϵ DLALWEAKM	2966	2807
>TET2-G191ϵ GLALWEAKM	53	>TET2-G191ϵ DLALWEAKM	2699	2646

>TET2-G1913GLALWEAKM	69	>TET2-G1913DLALWEAKM	1999	1930
>TET2-G1913GLALWEAK	499	>TET2-G1913DLALWEAK	8630	8131
>TET2-G1913GLALWEAK	345	>TET2-G1913DLALWEAK	10360	10015
>TET2-G1913GLALWEAK	16561	>TET2-G1913DLALWEAK	382	16179
>TET2-G1913GLALWEAK	3311	>TET2-G1913DLALWEAK	242	3069
>TET2-G1913HGLALWEA	18638	>TET2-G1913HDLALWEA	71	18567
>TET2-G1913HGLALWEAK	24700	>TET2-G1913HDLALWEAK	454	24246
>TET2-G1913EPKHGLAL	93	>TET2-G1913EPKHDLAL	401	308
>TET2-G1913EPKHGLAL	241	>TET2-G1913EPKHDLAL	180	61
>TET2-G1913EPKHGLAL	385	>TET2-G1913EPKHDLAL	212	173
>TET2-G1913EPKHGLALW	97	>TET2-G1913EPKHDLALW	50	47
>TET2-G1913EPKHGLALWI	379	>TET2-G1913EPKHDLALWI	701	322
>TET2-G1913EPKHGLALW	20	>TET2-G1913EPKHDLALW	22	2
>TET2-G1913NEPKHGLAL	228	>TET2-G1913NEPKHDLAL	378	150
>TET2-G1913NEPKHGLALV	153	>TET2-G1913NEPKHDLALV	190	37
>TET2-G1913NEPKHGLALV	375	>TET2-G1913NEPKHDLALV	436	61
>TET2-G1913MNEPKHGLA	621	>TET2-G1913MNEPKHDLA	387	234
>TET2-G1913MNEPKHGLA	28	>TET2-G1913MNEPKHDLA	31	3
>TET2-G1913SMNEPKHGL	213	>TET2-G1913SMNEPKHDL	1536	1323
>TET2-G1913SMNEPKHGL	161	>TET2-G1913SMNEPKHDL	182	21
>TET2-G1913SMNEPKHGL	61	>TET2-G1913SMNEPKHDL	451	390
>TET2-G1913SMNEPKHGL	61	>TET2-G1913SMNEPKHDL	82	21
>TET2-G1913SMNEPKHGL	76	>TET2-G1913SMNEPKHDL	433	357
>TET2-G1913SMNEPKHGL	331	>TET2-G1913SMNEPKHDL	907	576
>TET2-G1913SMNEPKHGL	37	>TET2-G1913SMNEPKHDL	77	40
>TET2-G1913SMNEPKHGL	418	>TET2-G1913SMNEPKHDL	4623	4205
>TET2-G1913SMNEPKHGL	301	>TET2-G1913SMNEPKHDL	468	167
>TET2-G1913SMNEPKHGL	2	>TET2-G1913SMNEPKHDL	7	5
>TET2-G1913SMNEPKHGL	16	>TET2-G1913SMNEPKHDL	17	1
>TET2-G1913SMNEPKHGL	4	>TET2-G1913SMNEPKHDL	7	3
>TET2-G1913SMNEPKHGL	9	>TET2-G1913SMNEPKHDL	42	33
>TET2-G1913SMNEPKHGL	612	>TET2-G1913SMNEPKHDL	343	269
>TET2-G1913SMNEPKHGL	19	>TET2-G1913SMNEPKHDL	25	6
>TET2-G1913SMNEPKHGL	9	>TET2-G1913SMNEPKHDL	23	14
>TET2-G1913SMNEPKHGL	119	>TET2-G1913SMNEPKHDL	56	63
>TET2-G1913SMNEPKHGL	20	>TET2-G1913SMNEPKHDL	25	5
>TET2-G1913SMNEPKHGL	20	>TET2-G1913SMNEPKHDL	550	530
>TET2-G1913SMNEPKHGL	375	>TET2-G1913SMNEPKHDL	743	368
>TET2-G1913SMNEPKHGL	2	>TET2-G1913SMNEPKHDL	4	2
>TET2-G1913SMNEPKHGL	39	>TET2-G1913SMNEPKHDL	38	1
>TET2-G1913SMNEPKHGL	8	>TET2-G1913SMNEPKHDL	10	2
>TET2-G1913SMNEPKHGL	47	>TET2-G1913SMNEPKHDL	1078	1031
>TET2-G1913SMNEPKHGL	436	>TET2-G1913SMNEPKHDL	1347	911

>TET2-G1913SMNEPKHGL	315	>TET2-G1913SMNEPKHDL	452	137
>TET2-G1913SMNEPKHGL	422	>TET2-G1913SMNEPKHDL	701	279
>TET2-G1913SMNEPKHGL	172	>TET2-G1913SMNEPKHDL	437	265
>TET2-G1913SMNEPKHGL	210	>TET2-G1913SMNEPKHDL	416	206
>TET2-G1913KSMNEPKHG	158	>TET2-G1913KSMNEPKHD	563	405
>TET2-G1913KSMNEPKHG	159	>TET2-G1913KSMNEPKHD	175	16
>TET2-G1913KSMNEPKHG	525	>TET2-G1913KSMNEPKHD	367	158
>TET2-G1913KSMNEPKHG	11	>TET2-G1913KSMNEPKHD	36	25
>TET2-G1913KSMNEPKHG	204	>TET2-G1913KSMNEPKHD	576	372
>TET2-G1913HKSMNEPKH	465	>TET2-G1913HKSMNEPKH	347	118
>TET2-G1913GLALWEAKM	405	>TET2-G1913VLALWEAKM	535	130
>TET2-G1913GLALWEAKM	470	>TET2-G1913VLALWEAKM	962	492
>TET2-G1913GLALWEAKM	320	>TET2-G1913VLALWEAKM	128	192
>TET2-G1913GLALWEAKM	294	>TET2-G1913VLALWEAKM	128	166
>TET2-G1913GLALWEAKM	161	>TET2-G1913VLALWEAKM	270	109
>TET2-G1913GLALWEAKM	159	>TET2-G1913VLALWEAKM	191	32
>TET2-G1913GLALWEAKM	617	>TET2-G1913VLALWEAKM	66	551
>TET2-G1913GLALWEAKM	53	>TET2-G1913VLALWEAKM	30	23
>TET2-G1913GLALWEAKM	69	>TET2-G1913VLALWEAKM	34	35
>TET2-G1913GLALWEAK	499	>TET2-G1913VLALWEAK	283	216
>TET2-G1913GLALWEAK	345	>TET2-G1913VLALWEAK	383	38
>TET2-G1913HGLALWEA	11757	>TET2-G1913HVLALWEA	236	11521
>TET2-G1913HGLALWEA	1008	>TET2-G1913HVLALWEA	17	991
>TET2-G1913HGLALWEA	9081	>TET2-G1913HVLALWEA	446	8635
>TET2-G1913HGLALWEAK	10824	>TET2-G1913HVLALWEAK	481	10343
>TET2-G1913HGLALWEAK	6920	>TET2-G1913HVLALWEAK	96	6824
>TET2-G1913HGLALWEAK	28027	>TET2-G1913HVLALWEAKI	309	27718
>TET2-G1913HGLALWEA	6135	>TET2-G1913HVLALWEA	434	5701
>TET2-G1913HGLALWEAK	681	>TET2-G1913HVLALWEAK	22	659
>TET2-G1913HGLALWEAK	1345	>TET2-G1913HVLALWEAK	116	1229
>TET2-G1913HGLALWEAK	8172	>TET2-G1913HVLALWEAK	223	7949
>TET2-G1913HGLALWEA	6994	>TET2-G1913HVLALWEA	71	6923
>TET2-G1913HGLALWEA	5508	>TET2-G1913HVLALWEA	73	5435
>TET2-G1913HGLALWEAK	8992	>TET2-G1913HVLALWEAKI	213	8779
>TET2-G1913EPKHGLAL	93	>TET2-G1913EPKHVLAL	293	200
>TET2-G1913EPKHGLAL	241	>TET2-G1913EPKHVLAL	111	130
>TET2-G1913EPKHGLAL	385	>TET2-G1913EPKHVLAL	303	82
>TET2-G1913EPKHGLALW	97	>TET2-G1913EPKHVLALW	101	4
>TET2-G1913EPKHGLALWI	379	>TET2-G1913EPKHVLALWI	242	137
>TET2-G1913EPKHGLALW	20	>TET2-G1913EPKHVLALW	19	1
>TET2-G1913NEPKHGLALV	1066	>TET2-G1913NEPKHVLALV	346	720
>TET2-G1913NEPKHGLAL	228	>TET2-G1913NEPKHVLAL	171	57
>TET2-G1913NEPKHGLALV	153	>TET2-G1913NEPKHVLALV	110	43



>TET2-G1913NEPKHGLALV	375	>TET2-G1913NEPKHVLALV	155	220
>TET2-G1913NEPKHGLAL	583	>TET2-G1913NEPKHVLAL	72	511
>TET2-G1913MNPKHGLA	621	>TET2-G1913MNPKHVLA	288	333
>TET2-G1913MNPKHGLA	28	>TET2-G1913MNPKHVLA	68	40
>TET2-G1913SMNEPKHG	21993	>TET2-G1913SMNEPKHV	203	21790
>TET2-G1913SMNEPKHGL	213	>TET2-G1913SMNEPKHVL	562	349
>TET2-G1913SMNEPKHGL	161	>TET2-G1913SMNEPKHVL	82	79
>TET2-G1913SMNEPKHG	17465	>TET2-G1913SMNEPKHV	119	17346
>TET2-G1913SMNEPKHGL	61	>TET2-G1913SMNEPKHVL	163	102
>TET2-G1913SMNEPKHGL	61	>TET2-G1913SMNEPKHVL	37	24
>TET2-G1913SMNEPKHG	7308	>TET2-G1913SMNEPKHV	11	7297
>TET2-G1913SMNEPKHGL	76	>TET2-G1913SMNEPKHVL	240	164
>TET2-G1913SMNEPKHGL	331	>TET2-G1913SMNEPKHVL	452	121
>TET2-G1913SMNEPKHGL	37	>TET2-G1913SMNEPKHVL	24	13
>TET2-G1913SMNEPKHG	25320	>TET2-G1913SMNEPKHV	379	24941
>TET2-G1913SMNEPKHGL	418	>TET2-G1913SMNEPKHVL	2649	2231
>TET2-G1913SMNEPKHGL	301	>TET2-G1913SMNEPKHVL	241	60
>TET2-G1913SMNEPKHG	1025	>TET2-G1913SMNEPKHV	2	1023
>TET2-G1913SMNEPKHGL	2	>TET2-G1913SMNEPKHVL	3	1
>TET2-G1913SMNEPKHGL	16	>TET2-G1913SMNEPKHVL	10	6
>TET2-G1913SMNEPKHGL	4	>TET2-G1913SMNEPKHVL	3	1
>TET2-G1913SMNEPKHG	11580	>TET2-G1913SMNEPKHV	9	11571
>TET2-G1913SMNEPKHGL	9	>TET2-G1913SMNEPKHVL	13	4
>TET2-G1913SMNEPKHGL	612	>TET2-G1913SMNEPKHVL	236	376
>TET2-G1913SMNEPKHGL	19	>TET2-G1913SMNEPKHVL	14	5
>TET2-G1913SMNEPKHG	8184	>TET2-G1913SMNEPKHV	7	8177
>TET2-G1913SMNEPKHGL	9	>TET2-G1913SMNEPKHVL	16	7
>TET2-G1913SMNEPKHGL	119	>TET2-G1913SMNEPKHVL	37	82
>TET2-G1913SMNEPKHGL	20	>TET2-G1913SMNEPKHVL	16	4
>TET2-G1913SMNEPKHG	21463	>TET2-G1913SMNEPKHV	40	21423
>TET2-G1913SMNEPKHGL	20	>TET2-G1913SMNEPKHVL	75	55
>TET2-G1913SMNEPKHGL	375	>TET2-G1913SMNEPKHVL	124	251
>TET2-G1913SMNEPKHG	9072	>TET2-G1913SMNEPKHV	3	9069
>TET2-G1913SMNEPKHGL	2	>TET2-G1913SMNEPKHVL	4	2
>TET2-G1913SMNEPKHGL	39	>TET2-G1913SMNEPKHVL	14	25
>TET2-G1913SMNEPKHGL	8	>TET2-G1913SMNEPKHVL	5	3
>TET2-G1913SMNEPKHGL	1077	>TET2-G1913SMNEPKHVL	424	653
>TET2-G1913SMNEPKHG	18923	>TET2-G1913SMNEPKHV	318	18605
>TET2-G1913SMNEPKHGL	47	>TET2-G1913SMNEPKHVL	623	576
>TET2-G1913SMNEPKHGL	436	>TET2-G1913SMNEPKHVL	418	18
>TET2-G1913SMNEPKHGL	315	>TET2-G1913SMNEPKHVL	248	67
>TET2-G1913SMNEPKHGL	422	>TET2-G1913SMNEPKHVL	1001	579
>TET2-G1913SMNEPKHGL	172	>TET2-G1913SMNEPKHVL	145	27

>TET2-G191E SMNEPKHGL	1452	>TET2-G191E SMNEPKHVL	80	1372
>TET2-G191E SMNEPKHGL	210	>TET2-G191E SMNEPKHVL	85	125
>TET2-G191E KSMNEPKHG	158	>TET2-G191E KSMNEPKHV	106	52
>TET2-G191E KSMNEPKHG	159	>TET2-G191E KSMNEPKHV	112	47
>TET2-G191E KSMNEPKHG	11736	>TET2-G191E KSMNEPKHV	262	11474
>TET2-G191E KSMNEPKHG	525	>TET2-G191E KSMNEPKHV	149	376
>TET2-G191E KSMNEPKHG	9597	>TET2-G191E KSMNEPKHV	465	9132
>TET2-G191E KSMNEPKHG	11	>TET2-G191E KSMNEPKHV	17	6
>TET2-G191E KSMNEPKHG	599	>TET2-G191E KSMNEPKHV	353	246
>TET2-G191E KSMNEPKHG	204	>TET2-G191E KSMNEPKHV	59	145
>TET2-G191E HKSMNEPKH	8765	>TET2-G191E HKSMNEPKH	248	8517
>TET2-G191E HKSMNEPKH	465	>TET2-G191E HKSMNEPKH	121	344
>TET2-G191E HKSMNEPKH	532	>TET2-G191E HKSMNEPKH	56	476
>TET2-G773\GSFFGQTK	193	>TET2-G773\VSFFGQTK	121	72
>TET2-G773\GSFFGQTK	19	>TET2-G773\VSFFGQTK	21	2
>TET2-G773\GSFFGQTK	148	>TET2-G773\VSFFGQTK	177	29
>TET2-G773\GSFFGQTK	264	>TET2-G773\VSFFGQTK	147	117
>TET2-G773\GSFFGQTKV	1303	>TET2-G773\VSFFGQTKV	190	1113
>TET2-G773\GSFFGQTKV	401	>TET2-G773\VSFFGQTKV	102	299
>TET2-G773\GSFFGQTKV	48	>TET2-G773\VSFFGQTKV	70	22
>TET2-G773\GSFFGQTK	154	>TET2-G773\VSFFGQTK	427	273
>TET2-G773\EGSFFGQTK	8770	>TET2-G773\EVSFFGQTK	304	8466
>TET2-G773\EGSFFGQTK	177	>TET2-G773\EVSFFGQTK	8	169
>TET2-G773\EGSFFGQT	10999	>TET2-G773\EVSFFGQT	280	10719
>TET2-G773\EGSFFGQTKV	3639	>TET2-G773\EVSFFGQTKV	35	3604
>TET2-G773\EGSFFGQTKV	3719	>TET2-G773\EVSFFGQTKV	25	3694
>TET2-G773\REGSFFGQ	2930	>TET2-G773\REVSFFGQ	392	2538
>TET2-G773\REGSFFGQTK	190	>TET2-G773\REVSFFGQTK	29	161
>TET2-G773\REGSFFGQT	337	>TET2-G773\REVSFFGQT	156	181
>TET2-G773\REGSFFGQTK	327	>TET2-G773\REVSFFGQTK	170	157
>TET2-G773\REGSFFGQ	202	>TET2-G773\REVSFFGQ	238	36
>TET2-G773\REGSFFGQT	106	>TET2-G773\REVSFFGQT	101	5
>TET2-G773\REGSFFGQTK	79	>TET2-G773\REVSFFGQTK	86	7
>TET2-G773\REGSFFGQT	61	>TET2-G773\REVSFFGQT	15	46
>TET2-G773\REGSFFGQTK	13	>TET2-G773\REVSFFGQTK	6	7
>TET2-G773\QREGSFFGQ	1213	>TET2-G773\QREVSFFGQ	316	897
>TET2-G773\QQREGSFF	43	>TET2-G773\QQREVSFF	46	3
>TET2-G773\QQREGSFF	55	>TET2-G773\QQREVSFF	286	231
>TET2-G773\QQREGSFF	4	>TET2-G773\QQREVSFF	4	0
>TET2-G773\DQQREGSFF	3054	>TET2-G773\DQQREVSFF	201	2853
>TET2-G773\DQQREGSF	385	>TET2-G773\DQQREVSF	107	278
>TET2-G773\DQQREGSFF	134	>TET2-G773\DQQREVSFF	155	21
>TET2-H121E HTCEAAVIV	442	>TET2-H121E QTCEAAVIV	475	33

>TET2-H1219 HTCEAAVIVI	250	>TET2-H1219 QTCEAAVIVI	2748	2498
>TET2-H1219 HTCEAAVI	431	>TET2-H1219 QTCEAAVI	355	76
>TET2-H1219 HTCEAAVIVI	223	>TET2-H1219 QTCEAAVIVI	180	43
>TET2-H1219 HTCEAAVIVIL	370	>TET2-H1219 QTCEAAVIVIL	301	69
>TET2-H1219 HTCEAAVI	132	>TET2-H1219 QTCEAAVI	310	178
>TET2-H1219 HTCEAAVIV	38	>TET2-H1219 QTCEAAVIV	87	49
>TET2-H1219 HTCEAAVIVI	198	>TET2-H1219 QTCEAAVIVI	209	11
>TET2-H1219 HTCEAAVIVIL	127	>TET2-H1219 QTCEAAVIVIL	280	153
>TET2-H1219 HTCEAAVI	450	>TET2-H1219 QTCEAAVI	698	248
>TET2-H1219 HTCEAAVIV	45	>TET2-H1219 QTCEAAVIV	68	23
>TET2-H1219 HTCEAAVIVI	375	>TET2-H1219 QTCEAAVIVI	623	248
>TET2-H1219 HTCEAAVI	48	>TET2-H1219 QTCEAAVI	104	56
>TET2-H1219 HTCEAAVIV	355	>TET2-H1219 QTCEAAVIV	944	589
>TET2-H1219 HTCEAAVIVI	78	>TET2-H1219 QTCEAAVIVI	184	106
>TET2-H1219 HTCEAAVIVIL	56	>TET2-H1219 QTCEAAVIVIL	123	67
>TET2-H1219 HTCEAAVIVIL	180	>TET2-H1219 QTCEAAVIVIL	1981	1801
>TET2-H1219 HTCEAAVIVIL	485	>TET2-H1219 QTCEAAVIVIL	258	227
>TET2-H1219 HTCEAAVI	18	>TET2-H1219 QTCEAAVI	27	9
>TET2-H1219 HTCEAAVIVI	76	>TET2-H1219 QTCEAAVIVI	59	17
>TET2-H1219 HTCEAAVIVIL	231	>TET2-H1219 QTCEAAVIVIL	458	227
>TET2-H1219 GHTCEAAV	16498	>TET2-H1219 GQTCEAAV	398	16100
>TET2-H1219 GHTCEAAV	15387	>TET2-H1219 GQTCEAAV	37	15350
>TET2-H1219 GHTCEAAV	11140	>TET2-H1219 GQTCEAAV	58	11082
>TET2-H1219 GHTCEAAVIV	13306	>TET2-H1219 GQTCEAAVIV	104	13202
>TET2-H1219 RAGHTCEAA\	509	>TET2-H1219 RAGQTCEAA\	489	20
>TET2-H1219 RAGHTCEAA\	418	>TET2-H1219 RAGQTCEAA\	457	39
>TET2-H1219 RAGHTCEAA\	30	>TET2-H1219 RAGQTCEAA\	27	3
>TET2-H1219 ERAGHTCEA/	422	>TET2-H1219 ERAGQTCEA/	437	15
>TET2-H1219 ERAGHTCEA/	282	>TET2-H1219 ERAGQTCEA/	362	80
>TET2-H1219 RERAGHTCE/	274	>TET2-H1219 RERAGQTCE/	463	189
>TET2-H1219 RERAGHTC	440	>TET2-H1219 RERAGQTC	473	33
>TET2-H1219 RERAGHTCE/	46	>TET2-H1219 RERAGQTCE/	51	5
>TET2-H1219 RERAGHTC	425	>TET2-H1219 RERAGQTC	871	446
>TET2-H1219 RERAGHTCE/	14	>TET2-H1219 RERAGQTCE/	16	2
>TET2-H1219 RERAGHTCE/	379	>TET2-H1219 RERAGQTCE/	208	171
>TET2-H1219 CLVRERAGHT	356	>TET2-H1219 CLVRERAGQT	926	570
>TET2-H1219 HTCEAAVIV	442	>TET2-H1219 RTCEAAVIV	135	307
>TET2-H1219 HTCEAAVIV	886	>TET2-H1219 RTCEAAVIV	219	667
>TET2-H1219 HTCEAAVI	947	>TET2-H1219 RTCEAAVI	266	681
>TET2-H1219 HTCEAAVIV	1062	>TET2-H1219 RTCEAAVIV	318	744
>TET2-H1219 HTCEAAVIVI	250	>TET2-H1219 RTCEAAVIVI	69	181
>TET2-H1219 HTCEAAVI	431	>TET2-H1219 RTCEAAVI	36	395
>TET2-H1219 HTCEAAVIV	2895	>TET2-H1219 RTCEAAVIV	249	2646

>TET2-H1219HTCEAAVIVI	223	>TET2-H1219RTCEAAVIVI	23	200
>TET2-H1219HTCEAAVIVIL	370	>TET2-H1219RTCEAAVIVIL	32	338
>TET2-H1219HTCEAAVI	132	>TET2-H1219RTCEAAVI	4998	4866
>TET2-H1219HTCEAAVIV	38	>TET2-H1219RTCEAAVIV	1645	1607
>TET2-H1219HTCEAAVIVI	198	>TET2-H1219RTCEAAVIVI	157	41
>TET2-H1219HTCEAAVIVIL	127	>TET2-H1219RTCEAAVIVIL	3962	3835
>TET2-H1219HTCEAAVI	450	>TET2-H1219RTCEAAVI	5300	4850
>TET2-H1219HTCEAAVIV	45	>TET2-H1219RTCEAAVIV	1224	1179
>TET2-H1219HTCEAAVIVI	375	>TET2-H1219RTCEAAVIVI	5264	4889
>TET2-H1219HTCEAAVI	48	>TET2-H1219RTCEAAVI	11	37
>TET2-H1219HTCEAAVIV	355	>TET2-H1219RTCEAAVIV	86	269
>TET2-H1219HTCEAAVIVI	78	>TET2-H1219RTCEAAVIVI	16	62
>TET2-H1219HTCEAAVIVIL	56	>TET2-H1219RTCEAAVIVIL	14	42
>TET2-H1219HTCEAAVIVIL	180	>TET2-H1219RTCEAAVIVIL	2367	2187
>TET2-H1219HTCEAAVIVI	4226	>TET2-H1219RTCEAAVIVI	327	3899
>TET2-H1219HTCEAAVIVI	1662	>TET2-H1219RTCEAAVIVI	395	1267
>TET2-H1219HTCEAAVIVIL	485	>TET2-H1219RTCEAAVIVIL	114	371
>TET2-H1219HTCEAAVIVI	2105	>TET2-H1219RTCEAAVIVI	136	1969
>TET2-H1219HTCEAAVI	18	>TET2-H1219RTCEAAVI	9	9
>TET2-H1219HTCEAAVIV	1178	>TET2-H1219RTCEAAVIV	377	801
>TET2-H1219HTCEAAVIVI	76	>TET2-H1219RTCEAAVIVI	80	4
>TET2-H1219HTCEAAVIVIL	231	>TET2-H1219RTCEAAVIVIL	67	164
>TET2-H1219GHTCEAAVIV	19563	>TET2-H1219GRTCEAAVIV	314	19249
>TET2-H1219LLCLVRERAG	8866	>TET2-H1219LLCLVRERAG	140	8726
>TET2-H1219LLCLVRERAG	19222	>TET2-H1219LLCLVRERAG	105	19117
>TET2-H1219LLCLVRERAG	20350	>TET2-H1219LLCLVRERAG	223	20127
>TET2-H1219RAGHTCEAA\	418	>TET2-H1219RAGRTCEAA\	294	124
>TET2-H1219RAGHTCEAA\	30	>TET2-H1219RAGRTCEAA\	35	5
>TET2-H1219ERAGHTCEAA/	422	>TET2-H1219ERAGRTCEAA/	574	152
>TET2-H1219ERAGHTCEAA/	282	>TET2-H1219ERAGRTCEAA/	422	140
>TET2-H1219RERAGHTC	537	>TET2-H1219RERAGRTC	328	209
>TET2-H1219RERAGHTCE/	274	>TET2-H1219RERAGRTCE/	298	24
>TET2-H1219RERAGHTC	440	>TET2-H1219RERAGRTC	678	238
>TET2-H1219RERAGHTCE/	46	>TET2-H1219RERAGRTCE/	59	13
>TET2-H1219RERAGHTC	425	>TET2-H1219RERAGRTC	1675	1250
>TET2-H1219RERAGHTCE/	14	>TET2-H1219RERAGRTCE/	22	8
>TET2-H1219RERAGHTCE/	379	>TET2-H1219RERAGRTCE/	197	182
>TET2-H1219LVRERAGH	2030	>TET2-H1219LVRERAGR	215	1815
>TET2-H1219LVRERAGH	9703	>TET2-H1219LVRERAGR	83	9620
>TET2-H1219LVRERAGH	18626	>TET2-H1219LVRERAGR	119	18507
>TET2-H1219LVRERAGH	21861	>TET2-H1219LVRERAGR	283	21578
>TET2-H1219CLVRERAGHT	356	>TET2-H1219CLVRERAGRT	4061	3705
>TET2-H1219CLVRERAGH	21108	>TET2-H1219CLVRERAGR	281	20827

>TET2-H1219CLVRERAGH	31237	>TET2-H1219CLVRERAGR	392	30845
>TET2-H1219LCLVRERAGH	10678	>TET2-H1219LCLVRERAGR	148	10530
>TET2-H1219HTCEAAVIV	5257	>TET2-H1219YTCEAAVIV	402	4855
>TET2-H1219HTCEAAVIVI	3349	>TET2-H1219YTCEAAVIVI	303	3046
>TET2-H1219HTCEAAVIVIL	6847	>TET2-H1219YTCEAAVIVIL	478	6369
>TET2-H1219HTCEAAVIVI	2668	>TET2-H1219YTCEAAVIVI	451	2217
>TET2-H1219HTCEAAVIVIL	2077	>TET2-H1219YTCEAAVIVIL	347	1730
>TET2-H1219HTCEAAVIV	2691	>TET2-H1219YTCEAAVIV	177	2514
>TET2-H1219HTCEAAVIVI	3435	>TET2-H1219YTCEAAVIVI	412	3023
>TET2-H1219HTCEAAVI	3068	>TET2-H1219YTCEAAVI	111	2957
>TET2-H1219HTCEAAVIV	442	>TET2-H1219YTCEAAVIV	28	414
>TET2-H1219HTCEAAVIVI	2535	>TET2-H1219YTCEAAVIVI	141	2394
>TET2-H1219HTCEAAVIVIL	1634	>TET2-H1219YTCEAAVIVIL	72	1562
>TET2-H1219HTCEAAVI	3463	>TET2-H1219YTCEAAVI	80	3383
>TET2-H1219HTCEAAVIV	886	>TET2-H1219YTCEAAVIV	20	866
>TET2-H1219HTCEAAVIVI	2094	>TET2-H1219YTCEAAVIVI	51	2043
>TET2-H1219HTCEAAVIVIL	2834	>TET2-H1219YTCEAAVIVIL	91	2743
>TET2-H1219HTCEAAVIV	3345	>TET2-H1219YTCEAAVIV	250	3095
>TET2-H1219HTCEAAVIV	2790	>TET2-H1219YTCEAAVIV	56	2734
>TET2-H1219HTCEAAVIV	812	>TET2-H1219YTCEAAVIV	26	786
>TET2-H1219HTCEAAVIVIL	6918	>TET2-H1219YTCEAAVIVIL	441	6477
>TET2-H1219HTCEAAVIVIL	824	>TET2-H1219YTCEAAVIVIL	369	455
>TET2-H1219HTCEAAVIVI	250	>TET2-H1219YTCEAAVIVI	3323	3073
>TET2-H1219HTCEAAVI	431	>TET2-H1219YTCEAAVI	1379	948
>TET2-H1219HTCEAAVIVI	223	>TET2-H1219YTCEAAVIVI	612	389
>TET2-H1219HTCEAAVIVIL	370	>TET2-H1219YTCEAAVIVIL	1373	1003
>TET2-H1219HTCEAAVI	132	>TET2-H1219YTCEAAVI	246	114
>TET2-H1219HTCEAAVIV	38	>TET2-H1219YTCEAAVIV	71	33
>TET2-H1219HTCEAAVIVI	198	>TET2-H1219YTCEAAVIVI	53	145
>TET2-H1219HTCEAAVIVIL	127	>TET2-H1219YTCEAAVIVIL	228	101
>TET2-H1219HTCEAAVI	450	>TET2-H1219YTCEAAVI	185	265
>TET2-H1219HTCEAAVIV	45	>TET2-H1219YTCEAAVIV	21	24
>TET2-H1219HTCEAAVIVI	375	>TET2-H1219YTCEAAVIVI	155	220
>TET2-H1219HTCEAAVIVIL	889	>TET2-H1219YTCEAAVIVIL	409	480
>TET2-H1219HTCEAAVI	48	>TET2-H1219YTCEAAVI	31	17
>TET2-H1219HTCEAAVIV	355	>TET2-H1219YTCEAAVIV	212	143
>TET2-H1219HTCEAAVIVI	78	>TET2-H1219YTCEAAVIVI	49	29
>TET2-H1219HTCEAAVIVIL	56	>TET2-H1219YTCEAAVIVIL	36	20
>TET2-H1219HTCEAAVIVIL	180	>TET2-H1219YTCEAAVIVIL	129	51
>TET2-H1219HTCEAAVIV	2526	>TET2-H1219YTCEAAVIV	149	2377
>TET2-H1219HTCEAAVIVI	1662	>TET2-H1219YTCEAAVIVI	118	1544
>TET2-H1219HTCEAAVIVIL	485	>TET2-H1219YTCEAAVIVIL	34	451
>TET2-H1219HTCEAAVIVI	2105	>TET2-H1219YTCEAAVIVI	195	1910

>TET2-H1219 HTCEAAVIVIL	2048	>TET2-H1219 YTCEAAVIVIL	286	1762
>TET2-H1219 HTCEAAVI	18	>TET2-H1219 YTCEAAVI	18	0
>TET2-H1219 HTCEAAVIVI	76	>TET2-H1219 YTCEAAVIVI	54	22
>TET2-H1219 HTCEAAVIVIL	231	>TET2-H1219 YTCEAAVIVIL	227	4
>TET2-H1219 GHTCEAAVI	17776	>TET2-H1219 GYTCEAAVI	36	17740
>TET2-H1219 GHTCEAAVIV	16065	>TET2-H1219 GYTCEAAVIV	22	16043
>TET2-H1219 LLCLVRERAG	18652	>TET2-H1219 LLCLVRERAG	181	18471
>TET2-H1219 LLCLVRERAG	8868	>TET2-H1219 LLCLVRERAG	181	8687
>TET2-H1219 RAGHTCEAA\	418	>TET2-H1219 RAGYTCEAA\	763	345
>TET2-H1219 RAGHTCEAA\	30	>TET2-H1219 RAGYTCEAA\	29	1
>TET2-H1219 ERAGHTCEAA/	422	>TET2-H1219 ERAGYTCEAA/	240	182
>TET2-H1219 ERAGHTCEAA/	282	>TET2-H1219 ERAGYTCEAA/	160	122
>TET2-H1219 RERAGHTCEA/	274	>TET2-H1219 RERAGYTCEA/	355	81
>TET2-H1219 RERAGHTC	440	>TET2-H1219 RERAGYTC	257	183
>TET2-H1219 RERAGHTCEA/	46	>TET2-H1219 RERAGYTCEA/	50	4
>TET2-H1219 RERAGHTC	425	>TET2-H1219 RERAGYTC	394	31
>TET2-H1219 RERAGHTCEA/	14	>TET2-H1219 RERAGYTCEA/	11	3
>TET2-H1219 RERAGHTCEA/	379	>TET2-H1219 RERAGYTCEA/	180	199
>TET2-H1219 LVRERAGH	5352	>TET2-H1219 LVRERAGY	78	5274
>TET2-H1219 LVRERAGH	19219	>TET2-H1219 LVRERAGY	485	18734
>TET2-H1219 LVRERAGH	2030	>TET2-H1219 LVRERAGY	230	1800
>TET2-H1219 LVRERAGHT	1020	>TET2-H1219 LVRERAGYT	433	587
>TET2-H1219 LVRERAGH	20833	>TET2-H1219 LVRERAGY	285	20548
>TET2-H1219 LVRERAGH	7487	>TET2-H1219 LVRERAGY	111	7376
>TET2-H1219 LVRERAGH	7331	>TET2-H1219 LVRERAGY	18	7313
>TET2-H1219 CLVRERAGHT	356	>TET2-H1219 CLVRERAGYT	1300	944
>TET2-H1219 CLVRERAGH	20288	>TET2-H1219 CLVRERAGY	383	19905
>TET2-H1219 CLVRERAGH	15874	>TET2-H1219 CLVRERAGY	155	15719
>TET2-H138C HAHRDLHNM	61	>TET2-H138C PAHRDLHNM	265	204
>TET2-H138C HAHRDLHNM	476	>TET2-H138C PAHRDLHNM	8136	7660
>TET2-H138C AHAHRDLHN	36248	>TET2-H138C APAHRDLHN	189	36059
>TET2-H138C AHAHRDLHN	31435	>TET2-H138C APAHRDLHN	277	31158
>TET2-H138C CAHAHRDL	24726	>TET2-H138C CAPAHRDL	241	24485
>TET2-H138C CAHAHRDLH	6987	>TET2-H138C CAPAHRDLH	23	6964
>TET2-H138C DFCAHAHR	146	>TET2-H138C DFCAPAHR	469	323
>TET2-H138C DFCAHAHR	10	>TET2-H138C DFCAPAHR	13	3
>TET2-H138C DFCAHAHR	115	>TET2-H138C DFCAPAHR	278	163
>TET2-H138C DFCAHAHR	74	>TET2-H138C DFCAPAHR	159	85
>TET2-H138C LDFCAHAHR	274	>TET2-H138C LDFCAPAHR	697	423
>TET2-H138C LDFCAHAHR	342	>TET2-H138C LDFCAPAHR	464	122
>TET2-H138C CLDFCAHA	713	>TET2-H138C CLDFCAPA	237	476
>TET2-H138C CLDFCAHA	922	>TET2-H138C CLDFCAPA	452	470
>TET2-H138C CLDFCAHA	541	>TET2-H138C CLDFCAPA	485	56

>TET2-H138C CLDFCAHA	469	>TET2-H138C CLDFCAPA	686	217
>TET2-H138C CLDFCAHAHF	39	>TET2-H138C CLDFCAPAHF	92	53
>TET2-H138C CLDFCAHAHF	203	>TET2-H138C CLDFCAPAHF	1403	1200
>TET2-H138C CLDFCAHAHF	558	>TET2-H138C CLDFCAPAHF	488	70
>TET2-H138C CLDFCAHAH	341	>TET2-H138C CLDFCAPAH	1452	1111
>TET2-H138C CLDFCAHAHF	111	>TET2-H138C CLDFCAPAHF	101	10
>TET2-H138C CLDFCAHAHF	146	>TET2-H138C CLDFCAPAHF	314	168
>TET2-H138C ACLDFCAHAH	92	>TET2-H138C ACLDFCAPAH	247	155
>TET2-H138C ACLDFCAHAH	97	>TET2-H138C ACLDFCAPAH	111	14
>TET2-H138C TACLDFCAHA	1283	>TET2-H138C TACLDFCAPA	423	860
>TET2-H138C VTACLDFCAH	795	>TET2-H138C VTACLDFCAP	412	383
>TET2-H138C VTACLDFCAH	1213	>TET2-H138C VTACLDFCAP	447	766
>TET2-H138C VTACLDFCAH	549	>TET2-H138C VTACLDFCAP	274	275
>TET2-H138C VTACLDFCAH	31	>TET2-H138C VTACLDFCAP	15	16
>TET2-H138C HAHRDLHNM	1406	>TET2-H138C YAHRDLHNM	125	1281
>TET2-H138C HAHRDLHNM	61	>TET2-H138C YAHRDLHNM	27	34
>TET2-H138C HAHRDLHNM	476	>TET2-H138C YAHRDLHNM	6799	6323
>TET2-H138C HAHRDLHNM	1163	>TET2-H138C YAHRDLHNM	450	713
>TET2-H138C AHAHRDLHN	22123	>TET2-H138C AYHRDLHNI	178	21945
>TET2-H138C AHAHRDLHN	10317	>TET2-H138C AYHRDLHNI	476	9841
>TET2-H138C GVTACLDFCA	14626	>TET2-H138C GVTACLDFCA	329	14297
>TET2-H138C GVTACLDFCA	14724	>TET2-H138C GVTACLDFCA	139	14585
>TET2-H138C GVTACLDFCA	16325	>TET2-H138C GVTACLDFCA	151	16174
>TET2-H138C GVTACLDFCA	5573	>TET2-H138C GVTACLDFCA	438	5135
>TET2-H138C CAHAHRDLH	2612	>TET2-H138C CAYHRDLHI	177	2435
>TET2-H138C CAHAHRDLH	1962	>TET2-H138C CAYHRDLHI	383	1579
>TET2-H138C CAHAHRDL	2274	>TET2-H138C CAYHRDL	495	1779
>TET2-H138C DFCAHAHR	146	>TET2-H138C DFCAYHR	136	10
>TET2-H138C DFCAHAHR	10	>TET2-H138C DFCAYHR	8	2
>TET2-H138C DFCAHAHR	115	>TET2-H138C DFCAYHR	116	1
>TET2-H138C DFCAHAHR	74	>TET2-H138C DFCAYHR	72	2
>TET2-H138C LDFCAHAHR	274	>TET2-H138C LDFCAYHR	359	85
>TET2-H138C LDFCAHAHR	342	>TET2-H138C LDFCAYHR	457	115
>TET2-H138C CLDFCAHA	713	>TET2-H138C CLDFCAYA	105	608
>TET2-H138C CLDFCAHA	657	>TET2-H138C CLDFCAYA	157	500
>TET2-H138C CLDFCAHA	1227	>TET2-H138C CLDFCAYA	166	1061
>TET2-H138C CLDFCAHA	541	>TET2-H138C CLDFCAYA	175	366
>TET2-H138C CLDFCAHA	845	>TET2-H138C CLDFCAYA	94	751
>TET2-H138C CLDFCAHA	469	>TET2-H138C CLDFCAYA	331	138
>TET2-H138C CLDFCAHAHF	39	>TET2-H138C CLDFCAYAHF	47	8
>TET2-H138C CLDFCAHAHF	203	>TET2-H138C CLDFCAYAHF	247	44
>TET2-H138C CLDFCAHAHF	558	>TET2-H138C CLDFCAYAHF	310	248
>TET2-H138C CLDFCAHAH	341	>TET2-H138C CLDFCAYAH	101	240

>TET2-H138C CLDFCAHAHF	111	>TET2-H138C CLDFCAYAHR	78	33
>TET2-H138C CLDFCAHAHF	146	>TET2-H138C CLDFCAYAHR	118	28
>TET2-H138C ACLDFCAHAH	92	>TET2-H138C ACLDFCAYAH	82	10
>TET2-H138C ACLDFCAH	6747	>TET2-H138C ACLDFCAY	237	6510
>TET2-H138C ACLDFCAHAH	97	>TET2-H138C ACLDFCAYAH	86	11
>TET2-H138C TACLDFCAHA	1283	>TET2-H138C TACLDFCAYA	319	964
>TET2-H138C TACLDFCAHA	1174	>TET2-H138C TACLDFCAYA	389	785
>TET2-H138C TACLDFCAH	10586	>TET2-H138C TACLDFCAY	217	10369
>TET2-H138C TACLDFCAH	1775	>TET2-H138C TACLDFCAY	53	1722
>TET2-H138C VTACLDFCAH	15170	>TET2-H138C VTACLDFCAY	89	15081
>TET2-H138C VTACLDFCAH	795	>TET2-H138C VTACLDFCAY	155	640
>TET2-H138C VTACLDFCAH	549	>TET2-H138C VTACLDFCAY	214	335
>TET2-H138C VTACLDFCAH	9451	>TET2-H138C VTACLDFCAY	165	9286
>TET2-H138C VTACLDFCAH	17721	>TET2-H138C VTACLDFCAY	133	17588
>TET2-H138C VTACLDFCAH	15259	>TET2-H138C VTACLDFCAY	87	15172
>TET2-H138C VTACLDFCAH	31	>TET2-H138C VTACLDFCAY	18	13
>TET2-H138C VTACLDFCAH	14433	>TET2-H138C VTACLDFCAY	286	14147
>TET2-H138C VTACLDFCAH	5180	>TET2-H138C VTACLDFCAY	105	5075
>TET2-H138C VTACLDFCAH	9042	>TET2-H138C VTACLDFCAY	468	8574
>TET2-H138C VTACLDFCAH	5050	>TET2-H138C VTACLDFCAY	39	5011
>TET2-H138C VTACLDFCAH	16428	>TET2-H138C VTACLDFCAY	251	16177
>TET2-H1382 AHRDLHNM	4471	>TET2-H1382 AYRDLHNM	28	4443
>TET2-H1382 AHRDLHNMC	6893	>TET2-H1382 AYRDLHNMC	52	6841
>TET2-H1382 AHRDLHNMC	8282	>TET2-H1382 AYRDLHNMC	128	8154
>TET2-H1382 AHRDLHNMC	6344	>TET2-H1382 AYRDLHNMC	47	6297
>TET2-H1382 AHRDLHNM	4320	>TET2-H1382 AYRDLHNM	357	3963
>TET2-H1382 TACLDFCAHA	15582	>TET2-H1382 TACLDFCAHA	333	15249
>TET2-H1382 TACLDFCAHA	13499	>TET2-H1382 TACLDFCAHA	150	13349
>TET2-H1382 TACLDFCAHA	978	>TET2-H1382 TACLDFCAHA	39	939
>TET2-H1382 HAHRDLHNM	61	>TET2-H1382 HAYRDLHNM	33	28
>TET2-H1382 HAHRDLHNM	476	>TET2-H1382 HAYRDLHNM	4459	3983
>TET2-H1382 HAHRDLHNM	4432	>TET2-H1382 HAYRDLHNM	143	4289
>TET2-H1382 HAHRDLHNM	1163	>TET2-H1382 HAYRDLHNM	94	1069
>TET2-H1382 HAHRDLHNM	1317	>TET2-H1382 HAYRDLHNM	184	1133
>TET2-H1382 HAHRDLHNM	3294	>TET2-H1382 HAYRDLHNM	211	3083
>TET2-H1382 DFCAHAHR	146	>TET2-H1382 DFCAHAYR	47	99
>TET2-H1382 DFCAHAHR	10	>TET2-H1382 DFCAHAYR	8	2
>TET2-H1382 DFCAHAHR	115	>TET2-H1382 DFCAHAYR	38	77
>TET2-H1382 DFCAHAHR	74	>TET2-H1382 DFCAHAYR	25	49
>TET2-H1382 LDFCAHAH	13638	>TET2-H1382 LDFCAHAY	185	13453
>TET2-H1382 LDFCAHAHR	882	>TET2-H1382 LDFCAHAYR	182	700
>TET2-H1382 LDFCAHAHR	274	>TET2-H1382 LDFCAHAYR	63	211
>TET2-H1382 LDFCAHAH	3880	>TET2-H1382 LDFCAHAY	191	3689



>TET2-H1382LDFCAHAH	2498	>TET2-H1382LDFCAHAY	49	2449
>TET2-H1382LDFCAHAH	2443	>TET2-H1382LDFCAHAY	107	2336
>TET2-H1382LDFCAHAHR	342	>TET2-H1382LDFCAHAYR	121	221
>TET2-H1382CLDFCAHAH	6648	>TET2-H1382CLDFCAHAY	11	6637
>TET2-H1382CLDFCAHAHF	717	>TET2-H1382CLDFCAHAYR	223	494
>TET2-H1382CLDFCAHAH	6046	>TET2-H1382CLDFCAHAY	102	5944
>TET2-H1382CLDFCAHAH	3020	>TET2-H1382CLDFCAHAY	21	2999
>TET2-H1382CLDFCAHAHF	39	>TET2-H1382CLDFCAHAYR	18	21
>TET2-H1382CLDFCAHAHF	203	>TET2-H1382CLDFCAHAYR	39	164
>TET2-H1382CLDFCAHAHF	558	>TET2-H1382CLDFCAHAYR	67	491
>TET2-H1382CLDFCAHAH	15677	>TET2-H1382CLDFCAHAY	142	15535
>TET2-H1382CLDFCAHAH	6218	>TET2-H1382CLDFCAHAY	319	5899
>TET2-H1382CLDFCAHAH	341	>TET2-H1382CLDFCAHAY	12	329
>TET2-H1382CLDFCAHAHF	111	>TET2-H1382CLDFCAHAYR	72	39
>TET2-H1382CLDFCAHAHF	146	>TET2-H1382CLDFCAHAYR	53	93
>TET2-H1382ACLDFCAHAH	22088	>TET2-H1382ACLDFCAHAY	194	21894
>TET2-H1382ACLDFCAHAH	92	>TET2-H1382ACLDFCAHAY	37	55
>TET2-H1382ACLDFCAHAH	669	>TET2-H1382ACLDFCAHAY	399	270
>TET2-H1382ACLDFCAHAH	8415	>TET2-H1382ACLDFCAHAY	350	8065
>TET2-H1382ACLDFCAHAH	97	>TET2-H1382ACLDFCAHAY	43	54
>TET2-H1817HKLSDANGQ	221	>TET2-H1817NKLSDANGQ	878	657
>TET2-H1817GLHKLSDA	1302	>TET2-H1817GLNKLSDA	371	931
>TET2-H1817GLHKLSDA	98	>TET2-H1817GLNKLSDA	47	51
>TET2-H1817GLHKLSDA	734	>TET2-H1817GLNKLSDA	304	430
>TET2-H1817GLHKLSDA	177	>TET2-H1817GLNKLSDA	196	19
>TET2-H1817CVQGGLHKL	73	>TET2-H1817CVQGGLNKL	1620	1547
>TET2-H1817CVQGGLHK	79	>TET2-H1817CVQGGLNK	57	22
>TET2-H1817CVQGGLHKL	414	>TET2-H1817CVQGGLNKL	641	227
>TET2-H1817TACVQGGLH	424	>TET2-H1817TACVQGGLN	547	123
>TET2-H1817TACVQGGLH	72	>TET2-H1817TACVQGGLN	85	13
>TET2-H1817RTACVQGGLI	45	>TET2-H1817RTACVQGGLI	41	4
>TET2-H1817RTACVQGGLI	33	>TET2-H1817RTACVQGGLI	23	10
>TET2-H1817RTACVQGGLI	16	>TET2-H1817RTACVQGGLI	20	4
>TET2-H1817RTACVQGGLI	267	>TET2-H1817RTACVQGGLI	454	187
>TET2-H1817RTACVQGGLI	215	>TET2-H1817RTACVQGGLI	185	30
>TET2-H1817RTACVQGGLI	317	>TET2-H1817RTACVQGGLI	276	41
>TET2-H1868HGSILIECAKR	414	>TET2-H1868PGSILIECAKR	9712	9298
>TET2-H1868HGSILIECAKR	345	>TET2-H1868PGSILIECAKR	2492	2147
>TET2-H1868THGSILIECA	23851	>TET2-H1868TPGSILIECA	161	23690
>TET2-H1868PTHGSILI	309	>TET2-H1868PTPGSILI	12047	11738
>TET2-H1868PTHGSILI	5439	>TET2-H1868PTPGSILI	12	5427
>TET2-H1868PTHGSILIE	13752	>TET2-H1868PTPGSILIE	74	13678
>TET2-H1868PTHGSILIEC	13767	>TET2-H1868PTPGSILIEC	73	13694

>TET2-H186E APTHGSIL	1215	>TET2-H186E APTPGSIL	430	785
>TET2-H186E APTHGSILI	461	>TET2-H186E APTPGSILI	176	285
>TET2-H186E APTHGSIL	25	>TET2-H186E APTPGSIL	33	8
>TET2-H186E APTHGSILI	375	>TET2-H186E APTPGSILI	495	120
>TET2-H186E APTHGSILI	174	>TET2-H186E APTPGSILI	249	75
>TET2-H186E APTHGSILI	2039	>TET2-H186E APTPGSILI	436	1603
>TET2-H186E VAPTHGSI	744	>TET2-H186E VAPTPGSI	210	534
>TET2-H186E VAPTHGSIL	5	>TET2-H186E VAPTPGSIL	4	1
>TET2-H186E VAPTHGSILI	6	>TET2-H186E VAPTPGSILI	4	2
>TET2-H186E VAPTHGSILIE	280	>TET2-H186E VAPTPGSILIE	205	75
>TET2-H186E VAPTHGSIL	3650	>TET2-H186E VAPTPGSIL	470	3180
>TET2-H186E VAPTHGSI	249	>TET2-H186E VAPTPGSI	175	74
>TET2-H186E VAPTHGSILI	227	>TET2-H186E VAPTPGSILI	328	101
>TET2-H186E AVAPTHGSILI	509	>TET2-H186E AVAPTPGSILI	433	76
>TET2-H186E AVAPTHGSI	228	>TET2-H186E AVAPTPGSI	60	168
>TET2-H186E AVAPTHGSILI	276	>TET2-H186E AVAPTPGSILI	141	135
>TET2-H186E AVAPTHGSILI	142	>TET2-H186E AVAPTPGSILI	164	22
>TET2-H186E AVAPTHGSI	183	>TET2-H186E AVAPTPGSI	861	678
>TET2-H186E AVAPTHGSILI	153	>TET2-H186E AVAPTPGSILI	315	162
>TET2-H186E AVAPTHGSI	438	>TET2-H186E AVAPTPGSI	555	117
>TET2-H186E AVAPTHGSILI	196	>TET2-H186E AVAPTPGSILI	211	15
>TET2-H186E AVAPTHGSI	216	>TET2-H186E AVAPTPGSI	614	398
>TET2-H186E AVAPTHGSI	51	>TET2-H186E AVAPTPGSI	32	19
>TET2-H186E AVAPTHGSIL	294	>TET2-H186E AVAPTPGSIL	224	70
>TET2-H186E AVAPTHGSILI	84	>TET2-H186E AVAPTPGSILI	55	29
>TET2-H186E VAVAPTHGSI	98	>TET2-H186E VAVAPTPGSI	1305	1207
>TET2-H186E VAVAPTHGSI	128	>TET2-H186E VAVAPTPGSI	169	41
>TET2-H186E VAVAPTHGSI	73	>TET2-H186E VAVAPTPGSI	57	16
>TET2-H186E VAVAPTHGSI	263	>TET2-H186E VAVAPTPGSI	300	37
>TET2-H186E VAVAPTHGSI	550	>TET2-H186E VAVAPTPGSI	297	253
>TET2-H186E VAVAPTHGSI	136	>TET2-H186E VAVAPTPGSI	78	58
>TET2-H186E GVAVAPTHG	461	>TET2-H186E GVAVAPTPG!	201	260
>TET2-H186E GVAVAPTHG	236	>TET2-H186E GVAVAPTPG!	192	44
>TET2-H186E HGSILIECAKR	776	>TET2-H186E RGSILIECAKR	190	586
>TET2-H186E HGSILIECAKR	414	>TET2-H186E RGSILIECAKR	4492	4078
>TET2-H186E HGSILIECAKR	345	>TET2-H186E RGSILIECAKR	278	67
>TET2-H186E DIGGVAVAPT	23848	>TET2-H186E DIGGVAVAPT	184	23664
>TET2-H186E DIGGVAVAPT	9723	>TET2-H186E DIGGVAVAPT	55	9668
>TET2-H186E PTHGSILI	309	>TET2-H186E PTRGSILI	29	280
>TET2-H186E APTHGSIL	1215	>TET2-H186E APTRGSIL	408	807
>TET2-H186E APTHGSILI	461	>TET2-H186E APTRGSILI	171	290
>TET2-H186E APTHGSIL	25	>TET2-H186E APTRGSIL	28	3
>TET2-H186E APTHGSILI	375	>TET2-H186E APTRGSILI	413	38

>TET2-H186EAPTHGSILI	174	>TET2-H186EAPTRGSILI	345	171
>TET2-H186EVAPTHGSIL	7988	>TET2-H186EVAPTRGSIL	255	7733
>TET2-H186EVAPTHGSIL	828	>TET2-H186EVAPTRGSIL	435	393
>TET2-H186EVAPTHGSIL	5	>TET2-H186EVAPTRGSIL	13	8
>TET2-H186EVAPTHGSILI	6	>TET2-H186EVAPTRGSILI	13	7
>TET2-H186EVAPTHGSILIE	280	>TET2-H186EVAPTRGSILIE	844	564
>TET2-H186EVAPTHGSI	249	>TET2-H186EVAPTRGSI	293	44
>TET2-H186EVAPTHGSILI	227	>TET2-H186EVAPTRGSILI	283	56
>TET2-H186EAVAPTHGSI	1862	>TET2-H186EAVAPTRGSI	341	1521
>TET2-H186EAVAPTHGSI	228	>TET2-H186EAVAPTRGSI	657	429
>TET2-H186EAVAPTHGSILI	276	>TET2-H186EAVAPTRGSILI	540	264
>TET2-H186EAVAPTHGSILIE	142	>TET2-H186EAVAPTRGSILIE	241	99
>TET2-H186EAVAPTHGSI	183	>TET2-H186EAVAPTRGSI	272	89
>TET2-H186EAVAPTHGSILI	153	>TET2-H186EAVAPTRGSILI	165	12
>TET2-H186EAVAPTHGSI	438	>TET2-H186EAVAPTRGSI	198	240
>TET2-H186EAVAPTHGSILIE	196	>TET2-H186EAVAPTRGSILIE	162	34
>TET2-H186EAVAPTHGSI	216	>TET2-H186EAVAPTRGSI	39	177
>TET2-H186EAVAPTHGSI	51	>TET2-H186EAVAPTRGSI	62	11
>TET2-H186EAVAPTHGSIL	294	>TET2-H186EAVAPTRGSIL	1143	849
>TET2-H186EAVAPTHGSILIE	84	>TET2-H186EAVAPTRGSILIE	95	11
>TET2-H186EVAVAPTHGSI	98	>TET2-H186EVAVAPTRGSI	157	59
>TET2-H186EVAVAPTHGSI	128	>TET2-H186EVAVAPTRGSI	384	256
>TET2-H186EVAVAPTHGSI	73	>TET2-H186EVAVAPTRGSI	77	4
>TET2-H186EVAVAPTHGSI	263	>TET2-H186EVAVAPTRGSI	770	507
>TET2-H186EVAVAPTHGSI	550	>TET2-H186EVAVAPTRGSI	420	130
>TET2-H186EVAVAPTHGSI	136	>TET2-H186EVAVAPTRGSI	153	17
>TET2-H186EGVAVAPTHG	461	>TET2-H186EGVAVAPTRG!	735	274
>TET2-H186EGVAVAPTH	13213	>TET2-H186EGVAVAPTR	97	13116
>TET2-H186EGVAVAPTHG	236	>TET2-H186EGVAVAPTRG!	255	19
>TET2-H1881HATTPLKNPN	206	>TET2-H1881QATTPLKNPN	1655	1449
>TET2-H1881HATTPLKNPN	427	>TET2-H1881QATTPLKNPN	4033	3606
>TET2-H1881HATTPLKNPN	81	>TET2-H1881QATTPLKNPN	209	128
>TET2-H1881LHATTPLK	9498	>TET2-H1881LQATTPLK	284	9214
>TET2-H1881LHATTPLK	10679	>TET2-H1881LQATTPLK	93	10586
>TET2-H1881ILIECAKRELH	14973	>TET2-H1881ILIECAKRELQ	257	14716
>TET2-H1881ELHATTPL	161	>TET2-H1881ELQATTPL	187	26
>TET2-H1881ELHATTPL	213	>TET2-H1881ELQATTPL	905	692
>TET2-H1881ELHATTPL	124	>TET2-H1881ELQATTPL	383	259
>TET2-H1881ELHATTPL	644	>TET2-H1881ELQATTPL	221	423
>TET2-H1881ELHATTPL	420	>TET2-H1881ELQATTPL	746	326
>TET2-H1881ELHATTPL	928	>TET2-H1881ELQATTPL	224	704
>TET2-H1881ELHATTPL	23	>TET2-H1881ELQATTPL	29	6
>TET2-H1881ELHATTPLK	118	>TET2-H1881ELQATTPLK	508	390

>TET2-H1881ELHATTPLK	366	>TET2-H1881ELQATTPLK	233	133
>TET2-H1881ELHATTPLK	169	>TET2-H1881ELQATTPLK	3963	3794
>TET2-H1881ELHATTPLK	24	>TET2-H1881ELQATTPLK	74	50
>TET2-H1881ELHATTPL	208	>TET2-H1881ELQATTPL	857	649
>TET2-H1881ELHATTPL	209	>TET2-H1881ELQATTPL	187	22
>TET2-H1881RELHATTPL	109	>TET2-H1881RELQATTPL	102	7
>TET2-H1881RELHATTPLK	159	>TET2-H1881RELQATTPLK	557	398
>TET2-H1881RELHATTPL	312	>TET2-H1881RELQATTPL	303	9
>TET2-H1881RELHATTPL	48	>TET2-H1881RELQATTPL	149	101
>TET2-H1881RELHATTPL	637	>TET2-H1881RELQATTPL	155	482
>TET2-H1881RELHATTPL	740	>TET2-H1881RELQATTPL	318	422
>TET2-H1881RELHATTPL	7	>TET2-H1881RELQATTPL	8	1
>TET2-H1881RELHATTPL	12	>TET2-H1881RELQATTPL	10	2
>TET2-H1881RELHATTPL	530	>TET2-H1881RELQATTPL	451	79
>TET2-H1881RELHATTPL	138	>TET2-H1881RELQATTPL	193	55
>TET2-H1881RELHATTPL	6	>TET2-H1881RELQATTPL	4	2
>TET2-H1881RELHATTPLK	755	>TET2-H1881RELQATTPLK	361	394
>TET2-H1881RELHATTPLK	788	>TET2-H1881RELQATTPLK	487	301
>TET2-H1881KRELHATTPL	108	>TET2-H1881KRELQATTPL	78	30
>TET2-H1881KRELHATTPL	462	>TET2-H1881KRELQATTPL	619	157
>TET2-H1881KRELHATT	453	>TET2-H1881KRELQATT	279	174
>TET2-H1881KRELHATTPL	79	>TET2-H1881KRELQATTPL	67	12
>TET2-H1881KRELHATTPL	335	>TET2-H1881KRELQATTPL	437	102
>TET2-H1881KRELHATTPL	174	>TET2-H1881KRELQATTPL	95	79
>TET2-H1881KRELHATTPL	65	>TET2-H1881KRELQATTPL	214	149
>TET2-H1881AKRELHATTPL	13	>TET2-H1881AKRELQATTPL	17	4
>TET2-H1881HATTPLKNPN	206	>TET2-H1881RATTPLKNPN	47	159
>TET2-H1881HATTPLKNPN	427	>TET2-H1881RATTPLKNPN	8904	8477
>TET2-H1881HATTPLKNPN	81	>TET2-H1881RATTPLKNPN	1170	1089
>TET2-H1881HATTPLKNPN	567	>TET2-H1881RATTPLKNPN	415	152
>TET2-H1881LHATTPLK	19008	>TET2-H1881LRATTPLK	159	18849
>TET2-H1881ILIECAKRELH	8931	>TET2-H1881ILIECAKRELR	228	8703
>TET2-H1881ILIECAKRELH	21501	>TET2-H1881ILIECAKRELR	325	21176
>TET2-H1881ILIECAKRELH	13302	>TET2-H1881ILIECAKRELR	92	13210
>TET2-H1881ILIECAKRELH	28438	>TET2-H1881ILIECAKRELR	155	28283
>TET2-H1881ELHATTPL	161	>TET2-H1881ELRATTPL	730	569
>TET2-H1881ELHATTPL	213	>TET2-H1881ELRATTPL	463	250
>TET2-H1881ELHATTPL	124	>TET2-H1881ELRATTPL	1801	1677
>TET2-H1881ELHATTPL	420	>TET2-H1881ELRATTPL	3243	2823
>TET2-H1881ELHATTPL	23	>TET2-H1881ELRATTPL	61	38
>TET2-H1881ELHATTPLK	118	>TET2-H1881ELRATTPLK	105	13
>TET2-H1881ELHATTPLK	366	>TET2-H1881ELRATTPLK	3610	3244
>TET2-H1881ELHATTPLK	169	>TET2-H1881ELRATTPLK	20	149

>TET2-H1881ELHATTPLK	24	>TET2-H1881ELRATTPLK	137	113
>TET2-H1881ELHATTPL	208	>TET2-H1881ELRATTPL	3283	3075
>TET2-H1881ELHATTPL	209	>TET2-H1881ELRATTPL	863	654
>TET2-H1881ELHATTPL	647	>TET2-H1881ELRATTPL	178	469
>TET2-H1881RELHATTPL	109	>TET2-H1881RELRATTPL	95	14
>TET2-H1881RELHATTPLK	159	>TET2-H1881RELRATTPLK	92	67
>TET2-H1881RELHATTPL	312	>TET2-H1881RELRATTPL	228	84
>TET2-H1881RELHATTPL	48	>TET2-H1881RELRATTPL	71	23
>TET2-H1881RELHATTPL	637	>TET2-H1881RELRATTPL	341	296
>TET2-H1881RELHATTPL	7	>TET2-H1881RELRATTPL	10	3
>TET2-H1881RELHATTPL	12	>TET2-H1881RELRATTPL	13	1
>TET2-H1881RELHATTPL	138	>TET2-H1881RELRATTPL	288	150
>TET2-H1881RELHATTPL	6	>TET2-H1881RELRATTPL	5	1
>TET2-H1881KRELHATTPL	108	>TET2-H1881KRELRATTPL	69	39
>TET2-H1881KRELHATTPL	462	>TET2-H1881KRELRATTPL	885	423
>TET2-H1881KRELHATT	453	>TET2-H1881KRELRATT	124	329
>TET2-H1881KRELHATTPL	79	>TET2-H1881KRELRATTPL	42	37
>TET2-H1881KRELHATTPLI	335	>TET2-H1881KRELRATTPLI	292	43
>TET2-H1881KRELHATTPL	174	>TET2-H1881KRELRATTPL	73	101
>TET2-H1881KRELHATTPLI	65	>TET2-H1881KRELRATTPLI	68	3
>TET2-H1881AKRELHATTPL	13	>TET2-H1881AKRELRATTPL	15	2
>TET2-H1881ECAKRELH	16266	>TET2-H1881ECAKRELR	135	16131
>TET2-H1881LIECAKRELH	16678	>TET2-H1881LIECAKRELR	241	16437
>TET2-H1904HKSMNEPKH	465	>TET2-H1904QKSMNEPKH	502	37
>TET2-H1904QHKSMMNEPK	4812	>TET2-H1904QQKSMNEPK	439	4373
>TET2-H1904QHKSMMNEPK	5768	>TET2-H1904QQKSMNEPK	378	5390
>TET2-H1904YQHKSMMNEP	380	>TET2-H1904YQQKSMNEP	4875	4495
>TET2-H1904YQHKSMMNEP	236	>TET2-H1904YQQKSMNEP	778	542
>TET2-H1904YQHKSMMNEP	67	>TET2-H1904YQQKSMNEP	184	117
>TET2-H1904YQHKSMMNEP	150	>TET2-H1904YQQKSMNEP	497	347
>TET2-H1904FYQHKSMMNE	516	>TET2-H1904FYQQKSMNE	363	153
>TET2-H1904FYQHKSMMNE	424	>TET2-H1904FYQQKSMNE	295	129
>TET2-H1904VIFYQHKSMM	67	>TET2-H1904VIFYQQKSM	369	302
>TET2-H1904LVIFYQHKSMM	263	>TET2-H1904LVIFYQQKSM	473	210
>TET2-H1904LVIFYQHKSMM	131	>TET2-H1904LVIFYQQKSM	272	141
>TET2-H1904LVIFYQHKSMM	66	>TET2-H1904LVIFYQQKSM	123	57
>TET2-H1904LVIFYQHKSMM	148	>TET2-H1904LVIFYQQKSM	359	211
>TET2-H1904LVIFYQHKSMM	62	>TET2-H1904LVIFYQQKSM	157	95
>TET2-H1904SLVIFYQHKSMM	380	>TET2-H1904SLVIFYQQKSM	604	224
>TET2-H1904SLVIFYQHKSMM	283	>TET2-H1904SLVIFYQQKSM	371	88
>TET2-H1904SLVIFYQHK	160	>TET2-H1904SLVIFYQQK	195	35
>TET2-H1904SLVIFYQHK	76	>TET2-H1904SLVIFYQQK	59	17
>TET2-H1904SLVIFYQHK	382	>TET2-H1904SLVIFYQQK	389	7

>TET2-H1904SLVFYQHKS	458	>TET2-H1904SLVFYQQKS	201	257
>TET2-H1904ISLVFYQH	1129	>TET2-H1904ISLVFYQQ	210	919
>TET2-H1904ISLVFYQHK	225	>TET2-H1904ISLVFYQQK	420	195
>TET2-H1904ISLVFYQHKS	34	>TET2-H1904ISLVFYQQKS	44	10
>TET2-H1904ISLVFYQHK	451	>TET2-H1904ISLVFYQQK	494	43
>TET2-H1904ISLVFYQHK	42	>TET2-H1904ISLVFYQQK	26	16
>TET2-H1904ISLVFYQHK	15	>TET2-H1904ISLVFYQQK	30	15
>TET2-H1904ISLVFYQHK	93	>TET2-H1904ISLVFYQQK	219	126
>TET2-H1904ISLVFYQHK	474	>TET2-H1904ISLVFYQQK	696	222
>TET2-H1904ISLVFYQHKS	31	>TET2-H1904ISLVFYQQKS	45	14
>TET2-H1904ISLVFYQHKS	8	>TET2-H1904ISLVFYQQKS	10	2
>TET2-H1904ISLVFYQHKS	135	>TET2-H1904ISLVFYQQKS	163	28
>TET2-H1904ISLVFYQHKS	562	>TET2-H1904ISLVFYQQKS	231	331
>TET2-H1904ISLVFYQHKS	50	>TET2-H1904ISLVFYQQKS	63	13
>TET2-H1904ISLVFYQH	359	>TET2-H1904ISLVFYQQ	660	301
>TET2-H1904ISLVFYQHK	172	>TET2-H1904ISLVFYQQK	209	37
>TET2-H1904RISLVFYQHK	34	>TET2-H1904RISLVFYQQK	43	9
>TET2-H1904RISLVFYQH	222	>TET2-H1904RISLVFYQQ	7217	6995
>TET2-H1904RISLVFYQHK	13	>TET2-H1904RISLVFYQQK	17	4
>TET2-H1904RISLVFYQHK	19	>TET2-H1904RISLVFYQQK	30	11
>TET2-H1904RISLVFYQH	291	>TET2-H1904RISLVFYQQ	1745	1454
>TET2-H1904RISLVFYQHK	60	>TET2-H1904RISLVFYQQK	101	41
>TET2-H1904RISLVFYQHK	395	>TET2-H1904RISLVFYQQK	360	35
>TET2-H1904RISLVFYQHK	264	>TET2-H1904RISLVFYQQK	1166	902
>TET2-H1904RISLVFYQHK	187	>TET2-H1904RISLVFYQQK	539	352
>TET2-H1904TRISLVFYQH	107	>TET2-H1904TRISLVFYQQ	114	7
>TET2-H1904HKSMNEPK	898	>TET2-H1904RKSMNEPK	213	685
>TET2-H1904HKSMNEPKH	465	>TET2-H1904RKSMNEPKH	86	379
>TET2-H1904QHKSMNEPK	17974	>TET2-H1904QRKSMNEPK	473	17501
>TET2-H1904PTRISLVFYQF	2939	>TET2-H1904PTRISLVFYQF	445	2494
>TET2-H1904PTRISLVFYQF	6985	>TET2-H1904PTRISLVFYQF	57	6928
>TET2-H1904PTRISLVFYQF	19305	>TET2-H1904PTRISLVFYQF	109	19196
>TET2-H1904YQHKS	380	>TET2-H1904YQRKSMNEP	50	330
>TET2-H1904YQHKS	943	>TET2-H1904YQRKSMNE	485	458
>TET2-H1904YQHKS	236	>TET2-H1904YQRKSMNEP	132	104
>TET2-H1904YQHKS	67	>TET2-H1904YQRKSMNEP	34	33
>TET2-H1904YQHKS	150	>TET2-H1904YQRKSMNEP	80	70
>TET2-H1904FYQHKS	516	>TET2-H1904FYQRKSMNE	420	96
>TET2-H1904FYQHKS	424	>TET2-H1904FYQRKSMNE	343	81
>TET2-H1904VIFYQHKS	67	>TET2-H1904VIFYQRKSM	837	770
>TET2-H1904LVFYQHKS	263	>TET2-H1904LVFYQRKSM	334	71
>TET2-H1904LVFYQHKS	131	>TET2-H1904LVFYQRKSM	272	141
>TET2-H1904LVFYQHKS	66	>TET2-H1904LVFYQRKSM	99	33

>TET2-H1904LVFYQHKSM	148	>TET2-H1904LVFYQRKSM	739	591
>TET2-H1904LVFYQHKSM	62	>TET2-H1904LVFYQRKSM	134	72
>TET2-H1904SLVfyQHKSM	380	>TET2-H1904SLVfyQRKSM	1791	1411
>TET2-H1904SLVfyQHKSM	283	>TET2-H1904SLVfyQRKSM	1503	1220
>TET2-H1904SLVfyQHK	160	>TET2-H1904SLVfyQRK	180	20
>TET2-H1904SLVfyQHK	76	>TET2-H1904SLVfyQRK	85	9
>TET2-H1904SLVfyQHK	382	>TET2-H1904SLVfyQRK	668	286
>TET2-H1904SLVfyQHKSM	458	>TET2-H1904SLVfyQRKSM	442	16
>TET2-H1904ISLVfyQH	1129	>TET2-H1904ISLVfyQR	90	1039
>TET2-H1904ISLVfyQHK	225	>TET2-H1904ISLVfyQRK	178	47
>TET2-H1904ISLVfyQHKSM	34	>TET2-H1904ISLVfyQRKSM	38	4
>TET2-H1904ISLVfyQHK	451	>TET2-H1904ISLVfyQRK	458	7
>TET2-H1904ISLVfyQH	2892	>TET2-H1904ISLVfyQR	137	2755
>TET2-H1904ISLVfyQHK	42	>TET2-H1904ISLVfyQRK	30	12
>TET2-H1904ISLVfyQHK	15	>TET2-H1904ISLVfyQRK	41	26
>TET2-H1904ISLVfyQH	1132	>TET2-H1904ISLVfyQR	10	1122
>TET2-H1904ISLVfyQHK	93	>TET2-H1904ISLVfyQRK	234	141
>TET2-H1904ISLVfyQH	16768	>TET2-H1904ISLVfyQR	61	16707
>TET2-H1904ISLVfyQH	12202	>TET2-H1904ISLVfyQR	55	12147
>TET2-H1904ISLVfyQHK	474	>TET2-H1904ISLVfyQRK	1220	746
>TET2-H1904ISLVfyQHKSM	31	>TET2-H1904ISLVfyQRKSM	44	13
>TET2-H1904ISLVfyQHKSM	8	>TET2-H1904ISLVfyQRKSM	11	3
>TET2-H1904ISLVfyQHKSM	135	>TET2-H1904ISLVfyQRKSM	168	33
>TET2-H1904ISLVfyQHKSM	50	>TET2-H1904ISLVfyQRKSM	55	5
>TET2-H1904ISLVfyQH	359	>TET2-H1904ISLVfyQR	119	240
>TET2-H1904ISLVfyQHK	172	>TET2-H1904ISLVfyQRK	185	13
>TET2-H1904ISLVfyQH	26232	>TET2-H1904ISLVfyQR	149	26083
>TET2-H1904RISLVfyQH	758	>TET2-H1904RISLVfyQR	276	482
>TET2-H1904RISLVfyQHK	34	>TET2-H1904RISLVfyQRK	44	10
>TET2-H1904RISLVfyQH	222	>TET2-H1904RISLVfyQR	25	197
>TET2-H1904RISLVfyQHK	13	>TET2-H1904RISLVfyQRK	17	4
>TET2-H1904RISLVfyQHK	19	>TET2-H1904RISLVfyQRK	41	22
>TET2-H1904RISLVfyQH	291	>TET2-H1904RISLVfyQR	6	285
>TET2-H1904RISLVfyQHK	60	>TET2-H1904RISLVfyQRK	63	3
>TET2-H1904RISLVfyQH	21607	>TET2-H1904RISLVfyQR	121	21486
>TET2-H1904RISLVfyQH	10654	>TET2-H1904RISLVfyQR	44	10610
>TET2-H1904RISLVfyQHK	395	>TET2-H1904RISLVfyQRK	425	30
>TET2-H1904RISLVfyQHK	264	>TET2-H1904RISLVfyQRK	1502	1238
>TET2-H1904RISLVfyQH	8724	>TET2-H1904RISLVfyQR	18	8706
>TET2-H1904RISLVfyQHK	187	>TET2-H1904RISLVfyQRK	394	207
>TET2-H1904TRISLVfyQH	5389	>TET2-H1904TRISLVfyQR	68	5321
>TET2-H1904TRISLVfyQH	11384	>TET2-H1904TRISLVfyQR	412	10972
>TET2-H1904TRISLVfyQH	12967	>TET2-H1904TRISLVfyQR	110	12857

>TET2-H1904TRISLVFYQH	539	>TET2-H1904TRISLVFYQR	90	449
>TET2-H1904TRISLVFYQH	107	>TET2-H1904TRISLVFYQRk	118	11
>TET2-H1904TRISLVFYQH	25451	>TET2-H1904TRISLVFYQR	149	25302
>TET2-I1175\IRIERVIY	39	>TET2-I1175\VRIERVIY	87	48
>TET2-I1175\IRIERVIYTGK	86	>TET2-I1175\VRIERVIYTGK	101	15
>TET2-I1175\IRIERVIYTGK	117	>TET2-I1175\VRIERVIYTGK	251	134
>TET2-I1175\AIRIERVI	92	>TET2-I1175\AVRIERVI	33	59
>TET2-I1175\AIRIERVIY	126	>TET2-I1175\AVRIERVIY	42	84
>TET2-I1175\AIRIERVIYT	106	>TET2-I1175\AVRIERVIYT	38	68
>TET2-I1175\AIRIERVIYTG	321	>TET2-I1175\AVRIERVIYTG	105	216
>TET2-I1175\AIRIERVIY	323	>TET2-I1175\AVRIERVIY	259	64
>TET2-I1175\AIRIERVIY	444	>TET2-I1175\AVRIERVIY	649	205
>TET2-I1175\AIRIERVIY	1946	>TET2-I1175\AVRIERVIY	405	1541
>TET2-I1175\EERFGQKGK/	116	>TET2-I1175\EERFGQKGK/	1287	1171
>TET2-I1175\EERFGQKGK/	325	>TET2-I1175\EERFGQKGK/	84	241
>TET2-I1175\KAIRIERV	274	>TET2-I1175\KAVRIERV	443	169
>TET2-I1175\KAIRIERV	482	>TET2-I1175\KAVRIERV	722	240
>TET2-I1175\KAIRIERVIY	431	>TET2-I1175\KAVRIERVIY	750	319
>TET2-I1175\KAIRIERVIY	107	>TET2-I1175\KAVRIERVIY	171	64
>TET2-I1175\KAIRIERVIY	183	>TET2-I1175\KAVRIERVIY	164	19
>TET2-I1175\KAIRIERVIY	128	>TET2-I1175\KAVRIERVIY	162	34
>TET2-I1175\KAIRIERVI	154	>TET2-I1175\KAVRIERVI	309	155
>TET2-I1175\KAIRIERVIY	56	>TET2-I1175\KAVRIERVIY	96	40
>TET2-I1175\KAIRIERVIY	399	>TET2-I1175\KAVRIERVIY	422	23
>TET2-I1175\KAIRIERVI	257	>TET2-I1175\KAVRIERVI	399	142
>TET2-I1175\GKAIRIERVIY	121	>TET2-I1175\GKAVRIERVIY	70	51
>TET2-I1175\KGKAIRIER	52	>TET2-I1175\KGKAVRIER	57	5
>TET2-I1175\KGKAIRIERV	467	>TET2-I1175\KGKAVRIERV	473	6
>TET2-I1175\KGKAIRIERVI	121	>TET2-I1175\KGKAVRIERV	127	6
>TET2-I1175\KGKAIRIER	10	>TET2-I1175\KGKAVRIER	11	1
>TET2-I1175\KGKAIRIER	68	>TET2-I1175\KGKAVRIER	148	80
>TET2-I1175\GQK GKAIR	77	>TET2-I1175\GQK GKAVR	60	17
>TET2-I1175\GQK GKAIRIEI	58	>TET2-I1175\GQK GKAVRIE	49	9
>TET2-I1175\RFGQK GKAI	311	>TET2-I1175\RFGQK GKAV	6166	5855
>TET2-I1175\RFGQK GKAIR	236	>TET2-I1175\RFGQK GKAVI	150	86
>TET2-I1175\RFGQK GKAIR	57	>TET2-I1175\RFGQK GKAVI	55	2
>TET2-I1175\RFGQK GKAIR	45	>TET2-I1175\RFGQK GKAVI	37	8
>TET2-I1175\ERFGQK GKAI	441	>TET2-I1175\ERFGQK GKAI\	456	15
>TET2-I1175\ERFGQK GKAI	306	>TET2-I1175\ERFGQK GKAI\	1108	802
>TET2-I1175\ERFGQK GKAI	534	>TET2-I1175\ERFGQK GKAI\	383	151
>TET2-I1175\ERFGQK GKAI	406	>TET2-I1175\ERFGQK GKAI\	401	5
>TET2-I1195\IAKWV VRR	16	>TET2-I1195\IAKWV VRR	22	6
>TET2-I1195\IAKWV VRR	92	>TET2-I1195\IAKWV VRR	207	115



>TET2-I1195\IAKWVRR	39	>TET2-I1195\VAKWVRR	134	95
>TET2-I1195\PIAKWVRR	145	>TET2-I1195\PVAKWVRR	356	211
>TET2-I1195\PIAKWVRR	111	>TET2-I1195\PVAKWVRR	247	136
>TET2-I1195\KEGKSSQGCF	71	>TET2-I1195\KEGKSSQGCF	578	507
>TET2-I1195\KEGKSSQGCF	362	>TET2-I1195\KEGKSSQGCF	887	525
>TET2-I1195\KEGKSSQGCF	80	>TET2-I1195\KEGKSSQGCF	105	25
>TET2-I1195\KEGKSSQGCF	1577	>TET2-I1195\KEGKSSQGCF	468	1109
>TET2-I1195\KEGKSSQGCF	26	>TET2-I1195\KEGKSSQGCF	66	40
>TET2-I1195\CPIAKWVV	25	>TET2-I1195\CPVAKWVV	27	2
>TET2-I1195\CPIAKWVVR	160	>TET2-I1195\CPVAKWVVR	133	27
>TET2-I1195\CPIAKWVRF	181	>TET2-I1195\CPVAKWVVR	146	35
>TET2-I1195\QGCPIAKW	124	>TET2-I1195\QGCPIAKW	124	0
>TET2-I1195\QGCPIAKW\	111	>TET2-I1195\QGCPIAKW\	253	142
>TET2-I1195\SQGCPVAKW	36	>TET2-I1195\SQGCPVAKW	48	12
>TET2-I1195\SQGCPVAKW	103	>TET2-I1195\SQGCPVAKW	85	18
>TET2-I1195\SQGCPVAKW	28	>TET2-I1195\SQGCPVAKW	36	8
>TET2-I1195\SQGCPVAKW	33	>TET2-I1195\SQGCPVAKW	32	1
>TET2-I1195\SQGCPVAKW	105	>TET2-I1195\SQGCPVAKW	115	10
>TET2-I1195\SQGCPVAK	85	>TET2-I1195\SQGCPVAK	133	48
>TET2-I1195\SSQGCPIAK	13	>TET2-I1195\SSQGCPIAK	19	6
>TET2-I1195\SSQGCPIAK	222	>TET2-I1195\SSQGCPIAK	661	439
>TET2-I1195\SSQGCPIAK\	13	>TET2-I1195\SSQGCPIAK\	12	1
>TET2-I1195\SSQGCPIAK\	60	>TET2-I1195\SSQGCPIAK\	58	2
>TET2-I1195\SSQGCPIAK\	29	>TET2-I1195\SSQGCPIAK\	27	2
>TET2-I1195\SSQGCPIAK\	472	>TET2-I1195\SSQGCPIAK\	545	73
>TET2-I1195\SSQGCPIAK	149	>TET2-I1195\SSQGCPIAK	154	5
>TET2-I1195\KSSQGCPIAK	116	>TET2-I1195\KSSQGCPIAK	157	41
>TET2-I1195\KSSQGCPIAK	19	>TET2-I1195\KSSQGCPIAK	24	5
>TET2-I1195\KSSQGCPI	322	>TET2-I1195\KSSQGCPI	540	218
>TET2-I1195\KSSQGCPIAK	25	>TET2-I1195\KSSQGCPIAK	43	18
>TET2-I1195\KSSQGCPIAK	370	>TET2-I1195\KSSQGCPIAK	308	62
>TET2-I1195\KSSQGCPI	262	>TET2-I1195\KSSQGCPI	3401	3139
>TET2-I1195\KSSQGCPI	15	>TET2-I1195\KSSQGCPI	83	68
>TET2-I1195\KSSQGCPIAK'	7	>TET2-I1195\KSSQGCPIAK'	6	1
>TET2-I1195\KSSQGCPIAK'	45	>TET2-I1195\KSSQGCPIAK'	45	0
>TET2-I1195\KSSQGCPI	104	>TET2-I1195\KSSQGCPI	3922	3818
>TET2-I1195\KSSQGCPIAK'	9	>TET2-I1195\KSSQGCPIAK'	9	0
>TET2-I1195\KSSQGCPIAK'	307	>TET2-I1195\KSSQGCPIAK'	297	10
>TET2-I1195\KSSQGCPIAK	353	>TET2-I1195\KSSQGCPIAK	386	33
>TET2-I1195\KSSQGCPI	50	>TET2-I1195\KSSQGCPI	2903	2853
>TET2-I1195\GKSSQGCPI	73	>TET2-I1195\GKSSQGCPI	104	31
>TET2-I1195\GKSSQGCPIA	619	>TET2-I1195\GKSSQGCPIA	348	271
>TET2-I1871\ILIECAKREL	79	>TET2-I1871\SLIECAKREL	59	20

>TET2-I1871!ILIECAKREL	183	>TET2-I1871!SLIECAKREL	137	46
>TET2-I1871!ILIECAKREL	29	>TET2-I1871!SLIECAKREL	26	3
>TET2-I1871!ILIECAKREL	61	>TET2-I1871!SLIECAKREL	47	14
>TET2-I1871!ILIECAKREL	586	>TET2-I1871!SLIECAKREL	111	475
>TET2-I1871!ILIECAKREL	13	>TET2-I1871!SLIECAKREL	11	2
>TET2-I1871!ILIECAKR	526	>TET2-I1871!SLIECAKR	366	160
>TET2-I1871!ILIECAKR	481	>TET2-I1871!SLIECAKR	1638	1157
>TET2-I1871!ILIECAKR	111	>TET2-I1871!SLIECAKR	155	44
>TET2-I1871!ILIECAKR	148	>TET2-I1871!SLIECAKR	183	35
>TET2-I1871!SILIECAK	60	>TET2-I1871!SSLIECAK	39	21
>TET2-I1871!SILIECAK	696	>TET2-I1871!SSLIECAK	265	431
>TET2-I1871!SILIECAKR	514	>TET2-I1871!SSLIECAKR	231	283
>TET2-I1871!SILIECAKR	346	>TET2-I1871!SSLIECAKR	374	28
>TET2-I1871!SILIECAKREL	7094	>TET2-I1871!SSLIECAKREL	64	7030
>TET2-I1871!SILIECAK	2158	>TET2-I1871!SSLIECAK	209	1949
>TET2-I1871!SILIECAKR	4587	>TET2-I1871!SSLIECAKR	354	4233
>TET2-I1871!SILIECAKR	238	>TET2-I1871!SSLIECAKR	1464	1226
>TET2-I1871!GVAVAPTHG	461	>TET2-I1871!GVAVAPTHG	12079	11618
>TET2-I1871!GVAVAPTHG	236	>TET2-I1871!GVAVAPTHG	35071	34835
>TET2-I1871!GSILIECAK	60	>TET2-I1871!GSSLIECAK	60	0
>TET2-I1871!GSILIECAKR	163	>TET2-I1871!GSSLIECAKR	135	28
>TET2-I1871!GSILIECAK	416	>TET2-I1871!GSSLIECAK	676	260
>TET2-I1871!GSILIECAKR	34	>TET2-I1871!GSSLIECAKR	60	26
>TET2-I1871!HGSILIECAKR	414	>TET2-I1871!HGSSLIECAK	218	196
>TET2-I1871!HGSILIECAKR	345	>TET2-I1871!HGSSLIECAK	312	33
>TET2-I1871!PTHGSILI	309	>TET2-I1871!PTHGSSLI	458	149
>TET2-I1871!PTHGSILI	554	>TET2-I1871!PTHGSSLI	308	246
>TET2-I1871!APTHGSIL	1215	>TET2-I1871!APTHGSSL	490	725
>TET2-I1871!APTHGSILI	461	>TET2-I1871!APTHGSSLI	1138	677
>TET2-I1871!APTHGSIL	25	>TET2-I1871!APTHGSSL	14	11
>TET2-I1871!APTHGSILI	375	>TET2-I1871!APTHGSSLI	137	238
>TET2-I1871!APTHGSILI	174	>TET2-I1871!APTHGSSLI	415	241
>TET2-I1871!VAPTHGSIL	5	>TET2-I1871!VAPTHGSSL	11	6
>TET2-I1871!VAPTHGSILI	6	>TET2-I1871!VAPTHGSSLI	10	4
>TET2-I1871!VAPTHGSILIE	280	>TET2-I1871!VAPTHGSSLI	855	575
>TET2-I1871!VAPTHGSI	249	>TET2-I1871!VAPTHGSS	33552	33303
>TET2-I1871!VAPTHGSILI	227	>TET2-I1871!VAPTHGSSLI	65	162
>TET2-I1871!AVAPTHGSIL	1466	>TET2-I1871!AVAPTHGSSL	437	1029
>TET2-I1871!AVAPTHGSILI	509	>TET2-I1871!AVAPTHGSSL	333	176
>TET2-I1871!AVAPTHGSI	228	>TET2-I1871!AVAPTHGSS	10064	9836
>TET2-I1871!AVAPTHGSILI	276	>TET2-I1871!AVAPTHGSSL	76	200
>TET2-I1871!AVAPTHGSILI	142	>TET2-I1871!AVAPTHGSSL	254	112
>TET2-I1871!AVAPTHGSIL	514	>TET2-I1871!AVAPTHGSSL	130	384

>TET2-I1871!AVAPTHGSI	183	>TET2-I1871!AVAPTHGSS	2602	2419
>TET2-I1871!AVAPTHGSILI	153	>TET2-I1871!AVAPTHGSSL	372	219
>TET2-I1871!AVAPTHGSI	438	>TET2-I1871!AVAPTHGSS	8985	8547
>TET2-I1871!AVAPTHGSILI	196	>TET2-I1871!AVAPTHGSSL	159	37
>TET2-I1871!AVAPTHGSI	216	>TET2-I1871!AVAPTHGSS	9197	8981
>TET2-I1871!AVAPTHGSIL	1998	>TET2-I1871!AVAPTHGSSL	481	1517
>TET2-I1871!AVAPTHGSIL	531	>TET2-I1871!AVAPTHGSSL	143	388
>TET2-I1871!AVAPTHGSILI	1293	>TET2-I1871!AVAPTHGSSL	111	1182
>TET2-I1871!AVAPTHGSI	51	>TET2-I1871!AVAPTHGSS	26441	26390
>TET2-I1871!AVAPTHGSIL	294	>TET2-I1871!AVAPTHGSSL	358	64
>TET2-I1871!AVAPTHGSILI	84	>TET2-I1871!AVAPTHGSSL	47	37
>TET2-I1871!VAVAPTHGSI	98	>TET2-I1871!VAVAPTHGS	12451	12353
>TET2-I1871!VAVAPTHGSI	1234	>TET2-I1871!VAVAPTHGS	226	1008
>TET2-I1871!VAVAPTHGSI	617	>TET2-I1871!VAVAPTHGS	296	321
>TET2-I1871!VAVAPTHGSI	128	>TET2-I1871!VAVAPTHGS	7965	7837
>TET2-I1871!VAVAPTHGSI	73	>TET2-I1871!VAVAPTHGS	20	53
>TET2-I1871!VAVAPTHGSI	263	>TET2-I1871!VAVAPTHGS	325	62
>TET2-I1871!VAVAPTHGSI	136	>TET2-I1871!VAVAPTHGS	33716	33580
>TET2-I1873!IECAKREL	599	>TET2-I1873!IECAKREL	216	383
>TET2-I1873!IECAKRELHA	1161	>TET2-I1873!IECAKRELHA	474	687
>TET2-I1873!IECAKREL	155	>TET2-I1873!IECAKREL	1050	895
>TET2-I1873!IECAKRELHA	1397	>TET2-I1873!IECAKRELHA	261	1136
>TET2-I1873!AVAPTHGSILI	276	>TET2-I1873!AVAPTHGSILI	20214	19938
>TET2-I1873!AVAPTHGSILI	142	>TET2-I1873!AVAPTHGSILI	20660	20518
>TET2-I1873!AVAPTHGSILI	153	>TET2-I1873!AVAPTHGSILI	5098	4945
>TET2-I1873!AVAPTHGSILI	196	>TET2-I1873!AVAPTHGSILI	19061	18865
>TET2-I1873!AVAPTHGSILI	84	>TET2-I1873!AVAPTHGSILI	37828	37744
>TET2-I1873!ILIECAKREL	79	>TET2-I1873!ILNECAKREL	202	123
>TET2-I1873!ILIECAKREL	183	>TET2-I1873!ILNECAKREL	542	359
>TET2-I1873!ILIECAKREL	29	>TET2-I1873!ILNECAKREL	28	1
>TET2-I1873!ILIECAKREL	61	>TET2-I1873!ILNECAKREL	186	125
>TET2-I1873!ILIECAKREL	586	>TET2-I1873!ILNECAKREL	353	233
>TET2-I1873!ILIECAKREL	852	>TET2-I1873!ILNECAKREL	217	635
>TET2-I1873!ILIECAKREL	13	>TET2-I1873!ILNECAKREL	13	0
>TET2-I1873!ILIECAKR	526	>TET2-I1873!ILNECAKR	157	369
>TET2-I1873!ILIECAKR	481	>TET2-I1873!ILNECAKR	623	142
>TET2-I1873!ILIECAKR	111	>TET2-I1873!ILNECAKR	397	286
>TET2-I1873!ILIECAKR	148	>TET2-I1873!ILNECAKR	264	116
>TET2-I1873!SILIECAK	60	>TET2-I1873!SILNECAK	41	19
>TET2-I1873!SILIECAK	696	>TET2-I1873!SILNECAK	492	204
>TET2-I1873!SILIECAKR	514	>TET2-I1873!SILNECAKR	380	134
>TET2-I1873!SILIECAKR	346	>TET2-I1873!SILNECAKR	263	83
>TET2-I1873!SILIECAKR	238	>TET2-I1873!SILNECAKR	269	31

>TET2-I1873IGSILIECAK	60	>TET2-I1873IGSILNECAK	140	80
>TET2-I1873IGSILIECAKR	534	>TET2-I1873IGSILNECAKR	498	36
>TET2-I1873IGSILIECAKR	163	>TET2-I1873IGSILNECAKR	250	87
>TET2-I1873IGSILIECAK	416	>TET2-I1873IGSILNECAK	1357	941
>TET2-I1873IGSILIECAKR	34	>TET2-I1873IGSILNECAKR	99	65
>TET2-I1873IHGSILIECAKR	414	>TET2-I1873IHGSILNECAK	422	8
>TET2-I1873IHGSILIECAKR	345	>TET2-I1873IHGSILNECAK	386	41
>TET2-I1873IPTHGSILI	309	>TET2-I1873IPTHGSILN	6713	6404
>TET2-I1873IAPTHGSILI	461	>TET2-I1873IAPTHGSILN	39503	39042
>TET2-I1873IAPTHGSILI	375	>TET2-I1873IAPTHGSILN	22699	22324
>TET2-I1873IAPTHGSILI	174	>TET2-I1873IAPTHGSILN	16991	16817
>TET2-I1873IVAPTHGSILI	6	>TET2-I1873IVAPTHGSILN	863	857
>TET2-I1873IVAPTHGSILIE	280	>TET2-I1873IVAPTHGSILN	1025	745
>TET2-I1873IVAPTHGSILI	227	>TET2-I1873IVAPTHGSILN	35783	35556
>TET2-I1873`IECAKREL	155	>TET2-I1873`TECAKREL	295	140
>TET2-I1873`IECAKRELHA	1397	>TET2-I1873`TECAKRELHA	230	1167
>TET2-I1873`AVAPTHGSILI	276	>TET2-I1873`AVAPTHGSIL`	4346	4070
>TET2-I1873`AVAPTHGSILI	142	>TET2-I1873`AVAPTHGSIL`	2170	2028
>TET2-I1873`AVAPTHGSILI	153	>TET2-I1873`AVAPTHGSIL`	3822	3669
>TET2-I1873`AVAPTHGSILI	196	>TET2-I1873`AVAPTHGSIL`	5272	5076
>TET2-I1873`AVAPTHGSILI	84	>TET2-I1873`AVAPTHGSIL`	33967	33883
>TET2-I1873`ILIECAKREL	79	>TET2-I1873`ILTECAKREL	169	90
>TET2-I1873`ILIECAKREL	183	>TET2-I1873`ILTECAKREL	574	391
>TET2-I1873`ILIECAKREL	29	>TET2-I1873`ILTECAKREL	93	64
>TET2-I1873`ILIECAKREL	61	>TET2-I1873`ILTECAKREL	311	250
>TET2-I1873`ILIECAKREL	586	>TET2-I1873`ILTECAKREL	337	249
>TET2-I1873`ILIECAKREL	13	>TET2-I1873`ILTECAKREL	9	4
>TET2-I1873`ILIECAKR	481	>TET2-I1873`ILTECAKR	673	192
>TET2-I1873`ILIECAKR	111	>TET2-I1873`ILTECAKR	233	122
>TET2-I1873`ILIECAKR	148	>TET2-I1873`ILTECAKR	214	66
>TET2-I1873`SILIECAK	60	>TET2-I1873`SILTECAK	44	16
>TET2-I1873`SILIECAK	696	>TET2-I1873`SILTECAK	403	293
>TET2-I1873`SILIECAKR	346	>TET2-I1873`SILTECAKR	263	83
>TET2-I1873`SILIECAKR	238	>TET2-I1873`SILTECAKR	135	103
>TET2-I1873`GSILIECAK	60	>TET2-I1873`GSILTECAK	83	23
>TET2-I1873`GSILIECAKR	534	>TET2-I1873`GSILTECAKR	449	85
>TET2-I1873`GSILIECAKR	163	>TET2-I1873`GSILTECAKR	332	169
>TET2-I1873`GSILIECAK	416	>TET2-I1873`GSILTECAK	1382	966
>TET2-I1873`GSILIECAKR	34	>TET2-I1873`GSILTECAKR	59	25
>TET2-I1873`HGSILIECAKR	414	>TET2-I1873`HGSILTECAKf	362	52
>TET2-I1873`HGSILIECAKR	345	>TET2-I1873`HGSILTECAKf	259	86
>TET2-I1873`PTHGSILI	309	>TET2-I1873`PTHGSILT	4542	4233
>TET2-I1873`APTHGSILI	461	>TET2-I1873`APTHGSILT	26506	26045

>TET2-I1873` APTHGSILI	375	>TET2-I1873` APTHGSILT	4231	3856
>TET2-I1873` APTHGSILI	174	>TET2-I1873` APTHGSILT	6087	5913
>TET2-I1873` VAPTHGSILI	6	>TET2-I1873` VAPTHGSILT	348	342
>TET2-I1873` VAPTHGSILIE	280	>TET2-I1873` VAPTHGSILIE	707	427
>TET2-I1873` VAPTHGSILI	227	>TET2-I1873` VAPTHGSILT	29769	29542
>TET2-K1197 KWVVRSS	89	>TET2-K1197 RWVVRSS	181	92
>TET2-K1197 KWVVRSSS	90	>TET2-K1197 RWVVRSSS	185	95
>TET2-K1197 KWVVRSSSI	210	>TET2-K1197 RWVVRSSSI	413	203
>TET2-K1197 AKWVVRSS:	455	>TET2-K1197 ARWVVRSS:	1684	1229
>TET2-K1197 AKWVVRSS	9299	>TET2-K1197 ARWVVRSS	123	9176
>TET2-K1197 AKWVVRSS	7485	>TET2-K1197 ARWVVRSS	72	7413
>TET2-K1197 AKWVVRSS	3883	>TET2-K1197 ARWVVRSS	270	3613
>TET2-K1197 AKWVVRSS	2300	>TET2-K1197 ARWVVRSS	171	2129
>TET2-K1197 AKWVVRSS:	2921	>TET2-K1197 ARWVVRSS:	207	2714
>TET2-K1197 AKWVVRSS:	3786	>TET2-K1197 ARWVVRSS:	278	3508
>TET2-K1197 AKWVVRSS	13009	>TET2-K1197 ARWVVRSS	213	12796
>TET2-K1197 IAKWVVR	16	>TET2-K1197 IARWVVR	25	9
>TET2-K1197 IAKWVVR	92	>TET2-K1197 IARWVVR	78	14
>TET2-K1197 IAKWVVR	39	>TET2-K1197 IARWVVR	120	81
>TET2-K1197 PIAKWVVR	145	>TET2-K1197 PIARWVVR	297	152
>TET2-K1197 PIAKWVVR	111	>TET2-K1197 PIARWVVR	290	179
>TET2-K1197 CPIAKWVV	812	>TET2-K1197 CPIARWVV	233	579
>TET2-K1197 CPIAKWVV	25	>TET2-K1197 CPIARWVV	22	3
>TET2-K1197 CPIAKWVVR	160	>TET2-K1197 CPIARWVVR	139	21
>TET2-K1197 CPIAKWVVR	181	>TET2-K1197 CPIARWVVR	187	6
>TET2-K1197 QGCPIAKW	124	>TET2-K1197 QGCPIARW	107	17
>TET2-K1197 QGCPIAKWV	111	>TET2-K1197 QGCPIARWV	146	35
>TET2-K1197 SQGCPIAKW	36	>TET2-K1197 SQGCPIARW	31	5
>TET2-K1197 SQGCPIAKW	103	>TET2-K1197 SQGCPIARW	78	25
>TET2-K1197 SQGCPIAKW	28	>TET2-K1197 SQGCPIARW	47	19
>TET2-K1197 SQGCPIAKW	33	>TET2-K1197 SQGCPIARW	59	26
>TET2-K1197 SQGCPIAKW	105	>TET2-K1197 SQGCPIARW	184	79
>TET2-K1197 SQGCPIAK	85	>TET2-K1197 SQGCPIAR	2845	2760
>TET2-K1197 SQGCPIAK	4542	>TET2-K1197 SQGCPIAR	285	4257
>TET2-K1197 SQGCPIAK	2463	>TET2-K1197 SQGCPIAR	167	2296
>TET2-K1197 SSQGCPIAK	13	>TET2-K1197 SSQGCPIAR	194	181
>TET2-K1197 SSQGCPIAK	222	>TET2-K1197 SSQGCPIAR	8552	8330
>TET2-K1197 SSQGCPIAK	2862	>TET2-K1197 SSQGCPIAR	119	2743
>TET2-K1197 SSQGCPIAKW	13	>TET2-K1197 SSQGCPIARW	11	2
>TET2-K1197 SSQGCPIAKW	60	>TET2-K1197 SSQGCPIARW	59	1
>TET2-K1197 SSQGCPIAKW	29	>TET2-K1197 SSQGCPIARW	28	1
>TET2-K1197 SSQGCPIAKW	472	>TET2-K1197 SSQGCPIARW	480	8
>TET2-K1197 SSQGCPIAK	149	>TET2-K1197 SSQGCPIAR	238	89

>TET2-K1197SSQGCPIAK	7974	>TET2-K1197SSQGCPIAR	280	7694
>TET2-K1197KSSQGCPIAK	116	>TET2-K1197KSSQGCPIAR	2269	2153
>TET2-K1197KSSQGCPIAK	19	>TET2-K1197KSSQGCPIAR	154	135
>TET2-K1197KSSQGCPIAK	25	>TET2-K1197KSSQGCPIAR	2689	2664
>TET2-K1197KSSQGCPIAK	370	>TET2-K1197KSSQGCPIAR	19	351
>TET2-K1197KSSQGCPIAK'	7	>TET2-K1197KSSQGCPIAR'	6	1
>TET2-K1197KSSQGCPIAK'	45	>TET2-K1197KSSQGCPIAR'	45	0
>TET2-K1197KSSQGCPIAK'	9	>TET2-K1197KSSQGCPIAR'	9	0
>TET2-K1197KSSQGCPIAK'	307	>TET2-K1197KSSQGCPIAR'	184	123
>TET2-K1197KSSQGCPIAK	914	>TET2-K1197KSSQGCPIAR	381	533
>TET2-K1197KSSQGCPIAK	353	>TET2-K1197KSSQGCPIAR	545	192
>TET2-K1197KSSQGCPIAK	2892	>TET2-K1197KSSQGCPIAR	179	2713
>TET2-K1299KFARSKIPRKF	163	>TET2-K1299EFARSKIPRKF	837	674
>TET2-K1299KFARSKIPRKF	231	>TET2-K1299EFARSKIPRKF	728	497
>TET2-K1299KFARSKIPRKF	103	>TET2-K1299EFARSKIPRKF	849	746
>TET2-K1299KFARSKIPR	367	>TET2-K1299EFARSKIPR	16529	16162
>TET2-K1299KFARSKIPRK	19	>TET2-K1299EFARSKIPRK	8934	8915
>TET2-K1299KFARSKIPR	6	>TET2-K1299EFARSKIPR	116	110
>TET2-K1299KFARSKIPR	3076	>TET2-K1299EFARSKIPR	59	3017
>TET2-K1299KFARSKIPR	2129	>TET2-K1299EFARSKIPR	26	2103
>TET2-K1299KFARSKIPRK	226	>TET2-K1299EFARSKIPRK	3967	3741
>TET2-K1299KFARSKIPR	15	>TET2-K1299EFARSKIPR	52	37
>TET2-K1299KFARSKIPRK	383	>TET2-K1299EFARSKIPRK	4023	3640
>TET2-K1299CKFARSKIPR	196	>TET2-K1299CEFARSKIPR	401	205
>TET2-K1299CKFARSKI	59	>TET2-K1299CEFARSKI	2454	2395
>TET2-K1299CKFARSKIPR	125	>TET2-K1299CEFARSKIPR	3794	3669
>TET2-K1299CKFARSKI	26576	>TET2-K1299CEFARSKI	277	26299
>TET2-K1299CKFARSKIPR	73	>TET2-K1299CEFARSKIPR	53	20
>TET2-K1299CKFARSKI	94	>TET2-K1299CEFARSKI	146	52
>TET2-K1299CSWSMYYNC	70	>TET2-K1299CSWSMYYNC	20482	20412
>TET2-K1299CSWSMYYNC	150	>TET2-K1299CSWSMYYNC	7894	7744
>TET2-K1299CSWSMYYNC	313	>TET2-K1299CSWSMYYNC	21683	21370
>TET2-K1299GCKFARSK	46	>TET2-K1299GCEFARSK	6615	6569
>TET2-K1299GCKFARSKIPI	107	>TET2-K1299GCEFARSKIPI	2348	2241
>TET2-K1299GCKFARSKI	261	>TET2-K1299GCEFARSKI	423	162
>TET2-K1299YNGCKFAR	182	>TET2-K1299YNGCEFAR	206	24
>TET2-K1299YYNGCKFA	3222	>TET2-K1299YYNGCEFA	485	2737
>TET2-K1299YYNGCKFAR	9	>TET2-K1299YYNGCEFAR	18	9
>TET2-K1299YYNGCKFAR	18	>TET2-K1299YYNGCEFAR	19	1
>TET2-K1299YYNGCKFAR	194	>TET2-K1299YYNGCEFAR	131	63
>TET2-K1299YYNGCKFAR	16	>TET2-K1299YYNGCEFAR	19	3
>TET2-K1299YYNGCKFARS	311	>TET2-K1299YYNGCEFARS	489	178
>TET2-K1299MYYNGCKFA	3811	>TET2-K1299MYYNGCEFA	360	3451

>TET2-K1299 MYYNGCKF	28	>TET2-K1299 MYYNGCEF	21	7
>TET2-K1299 MYYNGCKF	297	>TET2-K1299 MYYNGCEF	294	3
>TET2-K1299 MYYNGCKF	5	>TET2-K1299 MYYNGCEF	4	1
>TET2-K1299 MYYNGCKFA	784	>TET2-K1299 MYYNGCEFA	409	375
>TET2-K1299 MYYNGCKFA	732	>TET2-K1299 MYYNGCEFA	487	245
>TET2-K1299 MYYNGCKF	333	>TET2-K1299 MYYNGCEF	275	58
>TET2-K1299 MYYNGCKFA	8	>TET2-K1299 MYYNGCEFA	15	7
>TET2-K1299 MYYNGCKFA	28	>TET2-K1299 MYYNGCEFA	46	18
>TET2-K1299 MYYNGCKFA	209	>TET2-K1299 MYYNGCEFA	202	7
>TET2-K1299 MYYNGCKF	488	>TET2-K1299 MYYNGCEF	518	30
>TET2-K1299 MYYNGCKF	38	>TET2-K1299 MYYNGCEF	25	13
>TET2-K1299 MYYNGCKFA	296	>TET2-K1299 MYYNGCEFA	593	297
>TET2-K1299 MYYNGCKFA	23	>TET2-K1299 MYYNGCEFA	31	8
>TET2-K1299 MYYNGCKF	392	>TET2-K1299 MYYNGCEF	328	64
>TET2-K1299 MYYNGCKFA	17	>TET2-K1299 MYYNGCEFA	18	1
>TET2-K1299 SMYYNGCKF	1844	>TET2-K1299 SMYYNGCEF	397	1447
>TET2-K1299 SMYYNGCKF	208	>TET2-K1299 SMYYNGCEF	167	41
>TET2-K1299 SMYYNGCKF,	413	>TET2-K1299 SMYYNGCEF,	56	357
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>TET2-K1299 SMYYNGCKF,	38	>TET2-K1299 SMYYNGCEF,	28	10
>TET2-K1299 SMYYNGCKF,	1536	>TET2-K1299 SMYYNGCEF,	293	1243
>TET2-K1299 SMYYNGCKF	197	>TET2-K1299 SMYYNGCEF	71	126
>TET2-K1299 SMYYNGCKF,	18	>TET2-K1299 SMYYNGCEF,	7	11
>TET2-K1299 SMYYNGCKF,	122	>TET2-K1299 SMYYNGCEF,	40	82
>TET2-K1299 SMYYNGCKF,	30	>TET2-K1299 SMYYNGCEF,	13	17
>TET2-K1299 SMYYNGCKF,	53	>TET2-K1299 SMYYNGCEF,	26	27
>TET2-K1299 SMYYNGCK	40	>TET2-K1299 SMYYNGCE	16655	16615
>TET2-K1299 SMYYNGCKF,	130	>TET2-K1299 SMYYNGCEF,	201	71
>TET2-K1299 SMYYNGCK	17	>TET2-K1299 SMYYNGCE	17544	17527
>TET2-K1299 SMYYNGCKF,	62	>TET2-K1299 SMYYNGCEF,	64	2
>TET2-K1299 SMYYNGCKF	521	>TET2-K1299 SMYYNGCEF	438	83
>TET2-K1299 SMYYNGCK	364	>TET2-K1299 SMYYNGCE	12821	12457
>TET2-K1299 SMYYNGCKF,	8	>TET2-K1299 SMYYNGCEF,	9	1
>TET2-K1299 SMYYNGCKF	66	>TET2-K1299 SMYYNGCEF	61	5
>TET2-K1299 SMYYNGCKF,	217	>TET2-K1299 SMYYNGCEF,	208	9
>TET2-K1299 SMYYNGCK	153	>TET2-K1299 SMYYNGCE	14915	14762
>TET2-K1299 SMYYNGCKF,	35	>TET2-K1299 SMYYNGCEF,	28	7
>TET2-K1299 SMYYNGCKF	37	>TET2-K1299 SMYYNGCEF	24	13
>TET2-K1299 SMYYNGCKF,	1179	>TET2-K1299 SMYYNGCEF,	453	726
>TET2-K1299 SMYYNGCKF	23	>TET2-K1299 SMYYNGCEF	22	1
>TET2-K1299 SMYYNGCKF	3	>TET2-K1299 SMYYNGCEF	3	0
>TET2-K1299 SMYYNGCKF,	335	>TET2-K1299 SMYYNGCEF,	417	82
>TET2-K1299 SMYYNGCKF,	199	>TET2-K1299 SMYYNGCEF,	152	47

>TET2-K1299 SMYYNGCKF	33	>TET2-K1299 SMYYNGCEF	34	1
>TET2-K1299 SMYYNGCKF,	54	>TET2-K1299 SMYYNGCEF,	66	12
>TET2-K1299 WSMYYNGCI	463	>TET2-K1299 WSMYYNGCI	25263	24800
>TET2-K1299 WSMYYNGCI	316	>TET2-K1299 WSMYYNGCI	271	45
>TET2-K1299 WSMYYNGCI	269	>TET2-K1299 WSMYYNGCI	381	112
>TET2-K1299 WSMYYNGCI	92	>TET2-K1299 WSMYYNGCI	12952	12860
>TET2-K1299 WSMYYNGCI	351	>TET2-K1299 WSMYYNGCI	48	303
>TET2-K1299 WSMYYNGCI	119	>TET2-K1299 WSMYYNGCI	53	66
>TET2-K1299 WSMYYNGCI	16	>TET2-K1299 WSMYYNGCI	12	4
>TET2-K1299 WSMYYNGCI	9	>TET2-K1299 WSMYYNGCI	8	1
>TET2-K1299 WSMYYNGCI	284	>TET2-K1299 WSMYYNGCI	246	38
>TET2-K1299 WSMYYNGCI	18	>TET2-K1299 WSMYYNGCI	20	2
>TET2-K1299 WSMYYNGCI	645	>TET2-K1299 WSMYYNGCI	487	158
>TET2-K1299 SWSMYYNGC	421	>TET2-K1299 SWSMYYNGC	478	57
>TET2-K1299 SWSMYYNGC	27	>TET2-K1299 SWSMYYNGC	16	11
>TET2-K1299 SWSMYYNGC	727	>TET2-K1299 SWSMYYNGC	348	379
>TET2-K1299 SWSMYYNGC	442	>TET2-K1299 SWSMYYNGC	18948	18506
>TET2-K1299 SWSMYYNGC	137	>TET2-K1299 SWSMYYNGC	119	18
>TET2-K1299 KFARSKIPRKF	163	>TET2-K1299 NFARSKIPRKI	273	110
>TET2-K1299 KFARSKIPRKF	231	>TET2-K1299 NFARSKIPRKI	753	522
>TET2-K1299 KFARSKIPRKF	103	>TET2-K1299 NFARSKIPRKI	268	165
>TET2-K1299 KFARSKIPR	367	>TET2-K1299 NFARSKIPR	13831	13464
>TET2-K1299 KFARSKIPRK	19	>TET2-K1299 NFARSKIPRK	4508	4489
>TET2-K1299 KFARSKIPR	6	>TET2-K1299 NFARSKIPR	35	29
>TET2-K1299 KFARSKIPR	3076	>TET2-K1299 NFARSKIPR	67	3009
>TET2-K1299 KFARSKIPR	2129	>TET2-K1299 NFARSKIPR	126	2003
>TET2-K1299 KFARSKIPRK	226	>TET2-K1299 NFARSKIPRK	4434	4208
>TET2-K1299 KFARSKIPR	15	>TET2-K1299 NFARSKIPR	49	34
>TET2-K1299 KFARSKIPRK	383	>TET2-K1299 NFARSKIPRK	4989	4606
>TET2-K1299 CKFARSKIPR	196	>TET2-K1299 CNFARSKIPR	286	90
>TET2-K1299 CKFARSKIPR	529	>TET2-K1299 CNFARSKIPR	221	308
>TET2-K1299 CKFARSKI	59	>TET2-K1299 CNFARSKI	3959	3900
>TET2-K1299 CKFARSKIPR	125	>TET2-K1299 CNFARSKIPR	5801	5676
>TET2-K1299 CKFARSKIPR	73	>TET2-K1299 CNFARSKIPR	56	17
>TET2-K1299 CKFARSKI	94	>TET2-K1299 CNFARSKI	33	61
>TET2-K1299 CSWSMYYNC	70	>TET2-K1299 CSWSMYYNC	19773	19703
>TET2-K1299 CSWSMYYNC	150	>TET2-K1299 CSWSMYYNC	9819	9669
>TET2-K1299 CSWSMYYNC	313	>TET2-K1299 CSWSMYYNC	24852	24539
>TET2-K1299 GCKFARSK	46	>TET2-K1299 GCNFARSK	1221	1175
>TET2-K1299 GCKFARSKIPR	107	>TET2-K1299 GCNFARSKIPR	166	59
>TET2-K1299 GCKFARSKI	261	>TET2-K1299 GCNFARSKI	441	180
>TET2-K1299 YNGCKFAR	182	>TET2-K1299 YNGCNFAR	133	49
>TET2-K1299 YYNGCKFA	3222	>TET2-K1299 YYNGCNFA	273	2949



>TET2-K1299 YYNGCKFAR	9	>TET2-K1299 YYNGCNFAR	11	2
>TET2-K1299 YYNGCKFAR	18	>TET2-K1299 YYNGCNFAR	12	6
>TET2-K1299 YYNGCKFAR	194	>TET2-K1299 YYNGCNFAR	93	101
>TET2-K1299 YYNGCKFAR	16	>TET2-K1299 YYNGCNFAR	13	3
>TET2-K1299 YYNGCKFARS	311	>TET2-K1299 YYNGCNFARS	328	17
>TET2-K1299 YYNGCKFA	523	>TET2-K1299 YYNGCNFA	384	139
>TET2-K1299 MYYNGCKFA	3811	>TET2-K1299 MYYNGCNFA	459	3352
>TET2-K1299 MYYNGCKF	28	>TET2-K1299 MYYNGCNF	21	7
>TET2-K1299 MYYNGCKF	297	>TET2-K1299 MYYNGCNF	285	12
>TET2-K1299 MYYNGCKF	5	>TET2-K1299 MYYNGCNF	5	0
>TET2-K1299 MYYNGCKFA	784	>TET2-K1299 MYYNGCNFA	373	411
>TET2-K1299 MYYNGCKFA	732	>TET2-K1299 MYYNGCNFA	469	263
>TET2-K1299 MYYNGCKF	333	>TET2-K1299 MYYNGCNF	384	51
>TET2-K1299 MYYNGCKFA	749	>TET2-K1299 MYYNGCNFA	272	477
>TET2-K1299 MYYNGCKFA	8	>TET2-K1299 MYYNGCNFA	9	1
>TET2-K1299 MYYNGCKFA	28	>TET2-K1299 MYYNGCNFA	34	6
>TET2-K1299 MYYNGCKFA	209	>TET2-K1299 MYYNGCNFA	83	126
>TET2-K1299 MYYNGCKF	488	>TET2-K1299 MYYNGCNF	490	2
>TET2-K1299 MYYNGCKF	38	>TET2-K1299 MYYNGCNF	23	15
>TET2-K1299 MYYNGCKFA	296	>TET2-K1299 MYYNGCNFA	256	40
>TET2-K1299 MYYNGCKFA	23	>TET2-K1299 MYYNGCNFA	23	0
>TET2-K1299 MYYNGCKF	392	>TET2-K1299 MYYNGCNF	426	34
>TET2-K1299 MYYNGCKFA	17	>TET2-K1299 MYYNGCNFA	16	1
>TET2-K1299 SMYYNGCKF	208	>TET2-K1299 SMYYNGCNF	120	88
>TET2-K1299 SMYYNGCKF,	413	>TET2-K1299 SMYYNGCNF,	87	326
>TET2-K1299 SMYYNGCKF,	273	>TET2-K1299 SMYYNGCNF,	68	205
>TET2-K1299 SMYYNGCKF,	38	>TET2-K1299 SMYYNGCNF,	25	13
>TET2-K1299 SMYYNGCKF,	1536	>TET2-K1299 SMYYNGCNF,	336	1200
>TET2-K1299 SMYYNGCKF	197	>TET2-K1299 SMYYNGCNF	200	3
>TET2-K1299 SMYYNGCKF,	18	>TET2-K1299 SMYYNGCNF,	14	4
>TET2-K1299 SMYYNGCKF,	122	>TET2-K1299 SMYYNGCNF,	35	87
>TET2-K1299 SMYYNGCKF,	30	>TET2-K1299 SMYYNGCNF,	15	15
>TET2-K1299 SMYYNGCKF,	53	>TET2-K1299 SMYYNGCNF,	31	22
>TET2-K1299 SMYYNGCK	40	>TET2-K1299 SMYYNGCN	15757	15717
>TET2-K1299 SMYYNGCKF,	130	>TET2-K1299 SMYYNGCNF,	123	7
>TET2-K1299 SMYYNGCK	17	>TET2-K1299 SMYYNGCN	15965	15948
>TET2-K1299 SMYYNGCKF,	62	>TET2-K1299 SMYYNGCNF,	45	17
>TET2-K1299 SMYYNGCK	364	>TET2-K1299 SMYYNGCN	13243	12879
>TET2-K1299 SMYYNGCKF,	8	>TET2-K1299 SMYYNGCNF,	8	0
>TET2-K1299 SMYYNGCKF	66	>TET2-K1299 SMYYNGCNF	54	12
>TET2-K1299 SMYYNGCKF,	217	>TET2-K1299 SMYYNGCNF,	146	71
>TET2-K1299 SMYYNGCK	153	>TET2-K1299 SMYYNGCN	17970	17817
>TET2-K1299 SMYYNGCKF,	35	>TET2-K1299 SMYYNGCNF,	24	11

>TET2-K1299 SMYYNGCKF	37	>TET2-K1299 SMYYNGCNF	27	10
>TET2-K1299 SMYYNGCKF	23	>TET2-K1299 SMYYNGCNF	24	1
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>TET2-K1299 SMYYNGCKF,	335	>TET2-K1299 SMYYNGCNF	272	63
>TET2-K1299 SMYYNGCKF,	199	>TET2-K1299 SMYYNGCNF	106	93
>TET2-K1299 SMYYNGCKF	33	>TET2-K1299 SMYYNGCNF	30	3
>TET2-K1299 SMYYNGCKF,	54	>TET2-K1299 SMYYNGCNF	46	8
>TET2-K1299 WSMYYNGCI	463	>TET2-K1299 WSMYYNGCI	24360	23897
>TET2-K1299 WSMYYNGCI	316	>TET2-K1299 WSMYYNGCI	110	206
>TET2-K1299 WSMYYNGCI	269	>TET2-K1299 WSMYYNGCI	233	36
>TET2-K1299 WSMYYNGCI	92	>TET2-K1299 WSMYYNGCI	15281	15189
>TET2-K1299 WSMYYNGCI	351	>TET2-K1299 WSMYYNGCI	55	296
>TET2-K1299 WSMYYNGCI	119	>TET2-K1299 WSMYYNGCI	70	49
>TET2-K1299 WSMYYNGCI	16	>TET2-K1299 WSMYYNGCI	12	4
>TET2-K1299 WSMYYNGCI	9	>TET2-K1299 WSMYYNGCI	8	1
>TET2-K1299 WSMYYNGCI	284	>TET2-K1299 WSMYYNGCI	366	82
>TET2-K1299 WSMYYNGCI	18	>TET2-K1299 WSMYYNGCI	21	3
>TET2-K1299 WSMYYNGCI	645	>TET2-K1299 WSMYYNGCI	410	235
>TET2-K1299 SWSMYYNGC	671	>TET2-K1299 SWSMYYNGC	483	188
>TET2-K1299 SWSMYYNGC	421	>TET2-K1299 SWSMYYNGC	445	24
>TET2-K1299 SWSMYYNGC	27	>TET2-K1299 SWSMYYNGC	32	5
>TET2-K1299 SWSMYYNGC	727	>TET2-K1299 SWSMYYNGC	375	352
>TET2-K1299 SWSMYYNGC	442	>TET2-K1299 SWSMYYNGC	16977	16535
>TET2-K1299 SWSMYYNGC	137	>TET2-K1299 SWSMYYNGC	151	14
>TET2-L1210 LLCLVRERA	166	>TET2-L1210 LPCLVRERA	37482	37316
>TET2-L1210 LLCLVRER	203	>TET2-L1210 LPCLVRER	3602	3399
>TET2-L1210 LLCLVRER	244	>TET2-L1210 LPCLVRER	2164	1920
>TET2-L1210 LLCLVRERA	26078	>TET2-L1210 LPCLVRERA	122	25956
>TET2-L1210 VRRSSSEKLI	122	>TET2-L1210 VRRSSSEKLI	2964	2842
>TET2-L1210 KLLCLVRERA	352	>TET2-L1210 KLPCLVRERA	4721	4369
>TET2-L1210 KLLCLVRERA	222	>TET2-L1210 KLPCLVRERA	600	378
>TET2-L1210 KLLCLVRERA	19	>TET2-L1210 KLPCLVRERA	131	112
>TET2-L1210 KLLCLVRERA	170	>TET2-L1210 KLPCLVRERA	2062	1892
>TET2-L1210 KLLCLVRERA	141	>TET2-L1210 KLPCLVRERA	1468	1327
>TET2-L1210 KLLCLVRERA	300	>TET2-L1210 KLPCLVRERA	705	405
>TET2-L1210 KLLCLVRER	41	>TET2-L1210 KLPCLVRER	273	232
>TET2-L1210 KLLCLVRER	38	>TET2-L1210 KLPCLVRER	57	19
>TET2-L1210 EKLLCLVR	236	>TET2-L1210 EKLPCLVR	267	31
>TET2-L1210 EEKLLCLV	15	>TET2-L1210 EEKLPCLV	10	5
>TET2-L1210 EEKLLCLV	292	>TET2-L1210 EEKLPCLV	2183	1891
>TET2-L1210 EEKLLCLV	210	>TET2-L1210 EEKLPCLV	422	212
>TET2-L1210 SEEKLLCL	49	>TET2-L1210 SEEKLPCL	136	87
>TET2-L1210 SEEKLLCLV	16	>TET2-L1210 SEEKLPCLV	58	42

>TET2-L1210 SEEKLLCL	144	>TET2-L1210 SEEKLPCL	247	103
>TET2-L1210 SEEKLLCL	216	>TET2-L1210 SEEKLPCL	391	175
>TET2-L1210 SEEKLLCLV	10	>TET2-L1210 SEEKLPCLV	34	24
>TET2-L1210 SSEEKLLCLV	880	>TET2-L1210 SSEEKLPCLV	285	595
>TET2-L1210 RSSSEEKLL	47	>TET2-L1210 RSSSEEKLP	16047	16000
>TET2-L1210 RSSSEEKLLCL	52	>TET2-L1210 RSSSEEKLPCL	71	19
>TET2-L1210 RSSSEEKLL	282	>TET2-L1210 RSSSEEKLP	11801	11519
>TET2-L1210 RRSSEEKLL	165	>TET2-L1210 RRSSEEKLP	3228	3063
>TET2-L1210 RRSSEEKLL	33	>TET2-L1210 RRSSEEKLP	4404	4371
>TET2-L1210 RRSSEEKLL	93	>TET2-L1210 RRSSEEKLP	4150	4057
>TET2-L1210 RRSSEEKLLC	329	>TET2-L1210 RRSSEEKLP	701	372
>TET2-L1210 RRSSEEKLL	108	>TET2-L1210 RRSSEEKLP	7266	7158
>TET2-L1322 LESHQNLSTI	103	>TET2-L1322 PESHQNLST	1570	1467
>TET2-L1322 LESHQNLSTI	359	>TET2-L1322 PESHQNLST	4295	3936
>TET2-L1322 LESHQNL	54	>TET2-L1322 PESHQNL	1070	1016
>TET2-L1322 LESHQNLSTI	26	>TET2-L1322 PESHQNLST	547	521
>TET2-L1322 LESHQNL	110	>TET2-L1322 PESHQNL	2694	2584
>TET2-L1322 LESHQNLSTI	98	>TET2-L1322 PESHQNLST	2211	2113
>TET2-L1322 LESHQNLSTI	71	>TET2-L1322 PESHQNLST	960	889
>TET2-L1322 KLESHQNL	234	>TET2-L1322 KPESHQNL	23898	23664
>TET2-L1322 KLESHQNL	11	>TET2-L1322 KPESHQNL	24096	24085
>TET2-L1322 KLESHQNL	45	>TET2-L1322 KPESHQNL	21836	21791
>TET2-L1322 KLESHQNL	112	>TET2-L1322 KPESHQNL	28022	27910
>TET2-L1322 KLESHQNL	88	>TET2-L1322 KPESHQNL	24097	24009
>TET2-L1322 KLESHQNL	12	>TET2-L1322 KPESHQNL	30306	30294
>TET2-L1322 KLESHQNL	17655	>TET2-L1322 KPESHQNL	54	17601
>TET2-L1322 EKLESHQNL	77	>TET2-L1322 EKPESHQNL	912	835
>TET2-L1322 EEKLESHL	109	>TET2-L1322 EEKPESHL	2954	2845
>TET2-L1322 EEKLESHLQ	360	>TET2-L1322 EEKPESHLQ	1149	789
>TET2-L1322 KEEEEKLESHL	373	>TET2-L1322 KEEEEKPESHL	382	9
>TET2-L1322 KEEEEKLESHL	102	>TET2-L1322 KEEEEKPESHL	98	4
>TET2-L1340 LAPDAYNNQ	365	>TET2-L1340 PAPDAYNNQ	5189	4824
>TET2-L1340 LAPDAYNNQ	9	>TET2-L1340 PAPDAYNNQ	124	115
>TET2-L1340 KLAPDAYNNQ	36	>TET2-L1340 KPAPDAYNNQ	21745	21709
>TET2-L1340 KLAPDAYNNQ	7	>TET2-L1340 KPAPDAYNNQ	10463	10456
>TET2-L1340 KLAPDAYNNQ	15	>TET2-L1340 KPAPDAYNNQ	17856	17841
>TET2-L1340 KLAPDAYNNQ	76	>TET2-L1340 KPAPDAYNNQ	9625	9549
>TET2-L1340 KLAPDAYNNQ	22	>TET2-L1340 KPAPDAYNNQ	21581	21559
>TET2-L1340 KLAPDAYNNQ	27	>TET2-L1340 KPAPDAYNNQ	21581	21554
>TET2-L1340 KLAPDAYNNQ	34	>TET2-L1340 KPAPDAYNNQ	21608	21574
>TET2-L1340 KLAPDAYNNQ	43	>TET2-L1340 KPAPDAYNNQ	22671	22628
>TET2-L1340 KLAPDAYNNQ	207	>TET2-L1340 KPAPDAYNNQ	36449	36242
>TET2-L1340 KLAPDAYNNQ	11	>TET2-L1340 KPAPDAYNNQ	32167	32156

>TET2-L1340 KLAPDAYNNI	120	>TET2-L1340 KPAPDAYNNI	12823	12703
>TET2-L1340 KLAPDAYNNI	15400	>TET2-L1340 KPAPDAYNNI	80	15320
>TET2-L1340 KLAPDAYNNI	581	>TET2-L1340 KPAPDAYNNI	301	280
>TET2-L1340 STLMAPTYKK	11	>TET2-L1340 STLMAPTYKK	12746	12735
>TET2-L1340 STLMAPTYKK	108	>TET2-L1340 STLMAPTYKK	7781	7673
>TET2-L1340 STLMAPTYKK	111	>TET2-L1340 STLMAPTYKK	17364	17253
>TET2-L1340 KKLAPDAY	6	>TET2-L1340 KKPAPDAY	41	35
>TET2-L1340 YKKLAPDAY	1289	>TET2-L1340 YKKPAPDAY	447	842
>TET2-L1340 YKKLAPDA	1560	>TET2-L1340 YKKPAPDA	465	1095
>TET2-L1340 YKKLAPDAY	11	>TET2-L1340 YKKPAPDAY	5	6
>TET2-L1340 TYKKLAPDAY	170	>TET2-L1340 TYKKPAPDAY	191	21
>TET2-L1340 TYKKLAPDAY	574	>TET2-L1340 TYKKPAPDAY	269	305
>TET2-L1340 PTYKKLAPDA	28	>TET2-L1340 PTYKKPAPDA	100	72
>TET2-L1340 PTYKKLAPDA	184	>TET2-L1340 PTYKKPAPDA	176	8
>TET2-L1340 PTYKKLAPDA	365	>TET2-L1340 PTYKKPAPDA	241	124
>TET2-L1340 PTYKKLAPDA	293	>TET2-L1340 PTYKKPAPDA	234	59
>TET2-L1340 APTYKKLA	2124	>TET2-L1340 APTYKKPA	169	1955
>TET2-L1340 APTYKKLA	797	>TET2-L1340 APTYKKPA	245	552
>TET2-L1340 MAPTYKKL	46	>TET2-L1340 MAPTYKKP	16624	16578
>TET2-L1340 MAPTYKKLA	857	>TET2-L1340 MAPTYKKPA	370	487
>TET2-L1340 LMAPTYKKL	52	>TET2-L1340 LMAPTYKKP	6309	6257
>TET2-L1340 LMAPTYKKL	33	>TET2-L1340 LMAPTYKKP	9330	9297
>TET2-L1340 LMAPTYKKLA	501	>TET2-L1340 LMAPTYKKPA	382	119
>TET2-L1340 LMAPTYKKL	37	>TET2-L1340 LMAPTYKKP	11078	11041
>TET2-L1340 LMAPTYKKLA	197	>TET2-L1340 LMAPTYKKPA	109	88
>TET2-L1340 LMAPTYKKL	88	>TET2-L1340 LMAPTYKKP	18483	18395
>TET2-L1340 LMAPTYKKLA	672	>TET2-L1340 LMAPTYKKPA	487	185
>TET2-L1340 LMAPTYKKL	169	>TET2-L1340 LMAPTYKKP	23451	23282
>TET2-L1340 LMAPTYKKL	5	>TET2-L1340 LMAPTYKKP	11271	11266
>TET2-L1340 LMAPTYKKLA	18	>TET2-L1340 LMAPTYKKPA	20	2
>TET2-L1340 LMAPTYKKL	61	>TET2-L1340 LMAPTYKKP	2053	1992
>TET2-L1340 LMAPTYKKLA	1272	>TET2-L1340 LMAPTYKKPA	327	945
>TET2-L1340 TLMAPTYKKL	260	>TET2-L1340 TLMAPTYKKF	182	78
>TET2-L1340 TLMAPTYKKL	52	>TET2-L1340 TLMAPTYKKF	10973	10921
>TET2-L1340 TLMAPTYKKL	128	>TET2-L1340 TLMAPTYKKF	146	18
>TET2-L1340 TLMAPTYKKL	36	>TET2-L1340 TLMAPTYKKF	5537	5501
>TET2-L1340 TLMAPTYKKL	61	>TET2-L1340 TLMAPTYKKF	33	28
>TET2-L1340 TLMAPTYKKL	43	>TET2-L1340 TLMAPTYKKF	10487	10444
>TET2-L1340 TLMAPTYKKL	267	>TET2-L1340 TLMAPTYKKF	152	115
>TET2-L1340 TLMAPTYKKL	126	>TET2-L1340 TLMAPTYKKF	16841	16715
>TET2-L1340 TLMAPTYKKL	1023	>TET2-L1340 TLMAPTYKKF	360	663
>TET2-L1340 TLMAPTYKKL	359	>TET2-L1340 TLMAPTYKKF	19745	19386
>TET2-L1340 TLMAPTYKKL	37	>TET2-L1340 TLMAPTYKKF	19760	19723

>TET2-L1340 TLMAPTYKKL	14	>TET2-L1340 TLMAPTYKKF	17271	17257
>TET2-L1340 TLMAPTYKKL	94	>TET2-L1340 TLMAPTYKKF	119	25
>TET2-L1340 TLMAPTYKKL	350	>TET2-L1340 TLMAPTYKKF	148	202
>TET2-L1340 TLMAPTYKKL	493	>TET2-L1340 TLMAPTYKKF	14977	14484
>TET2-L1360 LGLKEGRPF	121	>TET2-L1360 QGLKEGRPF	306	185
>TET2-L1360 RLGLKEGR	194	>TET2-L1360 RQGLKEGR	163	31
>TET2-L1360 RLGLKEGRPF	234	>TET2-L1360 RQGLKEGRPF	90	144
>TET2-L1360 RLGLKEGRPF	797	>TET2-L1360 RQGLKEGRPF	45	752
>TET2-L1360 RLGLKEGR	143	>TET2-L1360 RQGLKEGR	160	17
>TET2-L1360 CRLGLKEGRP	174	>TET2-L1360 CRQGLKEGRF	462	288
>TET2-L1360 CRLGLKEGR	172	>TET2-L1360 CRQGLKEGR	318	146
>TET2-L1360 CRLGLKEGRP	158	>TET2-L1360 CRQGLKEGRF	251	93
>TET2-L1360 CRLGLKEGRP	1217	>TET2-L1360 CRQGLKEGRF	339	878
>TET2-L1360 CRLGLKEGR	285	>TET2-L1360 CRQGLKEGR	1618	1333
>TET2-L1360 APECRLGL	42	>TET2-L1360 APECRQGL	63	21
>TET2-L1360 RAPECRLGLK	315	>TET2-L1360 RAPECRQGLK	1180	865
>TET2-L1360 RAPECRLGLK	393	>TET2-L1360 RAPECRQGLK	474	81
>TET2-L1360 RAPECRLGL	53	>TET2-L1360 RAPECRQGL	166	113
>TET2-L1360 RAPECRLGL	474	>TET2-L1360 RAPECRQGL	1986	1512
>TET2-L1360 HRAPECRLGL	46	>TET2-L1360 HRAPECRQGL	62	16
>TET2-L1360 HRAPECRLGL	235	>TET2-L1360 HRAPECRQGL	265	30
>TET2-L1360 HRAPECRLGL	187	>TET2-L1360 HRAPECRQGL	241	54
>TET2-L1360 HRAPECRLGL	156	>TET2-L1360 HRAPECRQGL	323	167
>TET2-L1360 HRAPECRLGL	272	>TET2-L1360 HRAPECRQGL	419	147
>TET2-L1360 HRAPECRLGL	359	>TET2-L1360 HRAPECRQGL	723	364
>TET2-L1360 LGLKEGRPF	121	>TET2-L1360 RGLKEGRPF	45	76
>TET2-L1360 LGLKEGRPF	1112	>TET2-L1360 RGLKEGRPF	96	1016
>TET2-L1360 RLGLKEGR	194	>TET2-L1360 RRGLKEGR	12185	11991
>TET2-L1360 RLGLKEGRPF	234	>TET2-L1360 RRGLKEGRPF	12630	12396
>TET2-L1360 RLGLKEGRPF	797	>TET2-L1360 RRGLKEGRPF	227	570
>TET2-L1360 RLGLKEGR	16663	>TET2-L1360 RRGLKEGR	330	16333
>TET2-L1360 RLGLKEGRPF	21363	>TET2-L1360 RRGLKEGRPF	51	21312
>TET2-L1360 RLGLKEGR	21378	>TET2-L1360 RRGLKEGR	437	20941
>TET2-L1360 RLGLKEGRPF	23915	>TET2-L1360 RRGLKEGRPF	250	23665
>TET2-L1360 RLGLKEGRPF	24689	>TET2-L1360 RRGLKEGRPF	267	24422
>TET2-L1360 RLGLKEGR	143	>TET2-L1360 RRGLKEGR	382	239
>TET2-L1360 EYEHRAPECR	19573	>TET2-L1360 EYEHRAPECR	98	19475
>TET2-L1360 EYEHRAPECR	35346	>TET2-L1360 EYEHRAPECR	349	34997
>TET2-L1360 EYEHRAPECR	28145	>TET2-L1360 EYEHRAPECR	64	28081
>TET2-L1360 CRLGLKEGRP	174	>TET2-L1360 CRRGLKEGRP	122	52
>TET2-L1360 CRLGLKEGR	172	>TET2-L1360 CRRGLKEGR	1113	941
>TET2-L1360 CRLGLKEGRP	158	>TET2-L1360 CRRGLKEGRP	759	601
>TET2-L1360 CRLGLKEGR	285	>TET2-L1360 CRRGLKEGR	1717	1432

>TET2-L1360 APECRLGL	42	>TET2-L1360 APECRRGL	20	22
>TET2-L1360 RAPECRLGLK	315	>TET2-L1360 RAPECRRGLK	1064	749
>TET2-L1360 RAPECRLGLK	393	>TET2-L1360 RAPECRRGLK	306	87
>TET2-L1360 RAPECRLGL	828	>TET2-L1360 RAPECRRGL	404	424
>TET2-L1360 RAPECRLGL	53	>TET2-L1360 RAPECRRGL	129	76
>TET2-L1360 RAPECRLGL	474	>TET2-L1360 RAPECRRGL	1097	623
>TET2-L1360 HRAPECRLGL	46	>TET2-L1360 HRAPECRRGL	112	66
>TET2-L1360 HRAPECRLGL	235	>TET2-L1360 HRAPECRRGL	257	22
>TET2-L1360 HRAPECRLGL	187	>TET2-L1360 HRAPECRRGL	671	484
>TET2-L1360 HRAPECRLGL	156	>TET2-L1360 HRAPECRRGL	453	297
>TET2-L1360 HRAPECRLGL	272	>TET2-L1360 HRAPECRRGL	931	659
>TET2-L1360 HRAPECRLGL	359	>TET2-L1360 HRAPECRRGL	373	14
>TET2-L1360 HRAPECRL	33297	>TET2-L1360 HRAPECRR	307	32990
>TET2-L1398 LTREDNREF	263	>TET2-L1398 PTREDNREF	11149	10886
>TET2-L1398 LTREDNREF	104	>TET2-L1398 PTREDNREF	1777	1673
>TET2-L1398 LTREDNREF	9	>TET2-L1398 PTREDNREF	701	692
>TET2-L1398 LTREDNREF	458	>TET2-L1398 PTREDNREF	13639	13181
>TET2-L1398 LTREDNREF	87	>TET2-L1398 PTREDNREF	5171	5084
>TET2-L1398 TLTREDNR	132	>TET2-L1398 TPTREDNR	1054	922
>TET2-L1398 TLTREDNREF	9325	>TET2-L1398 TPTREDNREF	200	9125
>TET2-L1398 TLTREDNREF	19725	>TET2-L1398 TPTREDNREF	110	19615
>TET2-L1398 MQNGSTLVC	337	>TET2-L1398 MQNGSTLVC	21929	21592
>TET2-L1398 MQNGSTLVC	51	>TET2-L1398 MQNGSTLVC	8567	8516
>TET2-L1398 MQNGSTLVC	53	>TET2-L1398 MQNGSTLVC	9361	9308
>TET2-L1398 MQNGSTLVC	19	>TET2-L1398 MQNGSTLVC	3746	3727
>TET2-L1398 MQNGSTLVC	137	>TET2-L1398 MQNGSTLVC	13200	13063
>TET2-L1398 MQNGSTLVC	436	>TET2-L1398 MQNGSTLVC	30121	29685
>TET2-L1398 MQNGSTLVC	252	>TET2-L1398 MQNGSTLVC	7659	7407
>TET2-L1398 MQNGSTLVC	60	>TET2-L1398 MQNGSTLVC	785	725
>TET2-L1398 MQNGSTLVC	29	>TET2-L1398 MQNGSTLVC	1208	1179
>TET2-L1398 MQNGSTLVC	18	>TET2-L1398 MQNGSTLVC	11906	11888
>TET2-L1398 MQNGSTLVC	234	>TET2-L1398 MQNGSTLVC	13749	13515
>TET2-L1398 CTLTREDNR	102	>TET2-L1398 CPTREDNR	161	59
>TET2-L1398 CTLTREDNRE	70	>TET2-L1398 CPTREDNRE	3350	3280
>TET2-L1398 CTLTREDNRE	20206	>TET2-L1398 CPTREDNRE	229	19977
>TET2-L1398 LVCTLTREDN	426	>TET2-L1398 LVCTPTREDN	628	202
>TET2-L1398 LVCTLTREDN	105	>TET2-L1398 LVCTPTREDN	156	51
>TET2-L1398 TLVCTLTR	442	>TET2-L1398 TLVCTPTR	568	126
>TET2-L1398 TLVCTLTR	66	>TET2-L1398 TLVCTPTR	64	2
>TET2-L1398 TLVCTLTR	101	>TET2-L1398 TLVCTPTR	151	50
>TET2-L1398 STLVCTLTR	37	>TET2-L1398 STLVCTPTR	114	77
>TET2-L1398 STLVCTLTR	42	>TET2-L1398 STLVCTPTR	31	11
>TET2-L1398 STLVCTLTR	424	>TET2-L1398 STLVCTPTR	654	230

>TET2-L1398 STLVCTLTR	65	>TET2-L1398 STLVCTPTR	60	5
>TET2-L1398 STLVCTLTR	62	>TET2-L1398 STLVCTPTR	78	16
>TET2-L1398 STLVCTLTR	52	>TET2-L1398 STLVCTPTR	189	137
>TET2-L1398 GSTLVCTLTR	150	>TET2-L1398 GSTLVCTPTR	513	363
>TET2-L1398 GSTLVCTLTR	173	>TET2-L1398 GSTLVCTPTR	428	255
>TET2-L1398 GSTLVCTLTR	287	>TET2-L1398 GSTLVCTPTR	491	204
>TET2-L1398 GSTLVCTL	173	>TET2-L1398 GSTLVCTP	22301	22128
>TET2-L1398 GSTLVCTLT	242	>TET2-L1398 GSTLVCTPT	3341	3099
>TET2-L1398 NGSTLVCTLTR	385	>TET2-L1398 NGSTLVCTPT	321	64
>TET2-L1398 NGSTLVCTLTR	113	>TET2-L1398 NGSTLVCTPT	278	165
>TET2-L1398 LTREDNREF	5173	>TET2-L1398 RTREDNREF	178	4995
>TET2-L1398 LTREDNREFG	621	>TET2-L1398 RTREDNREFC	25	596
>TET2-L1398 LTREDNREFG	2729	>TET2-L1398 RTREDNREFC	86	2643
>TET2-L1398 LTREDNREF	8901	>TET2-L1398 RTREDNREF	264	8637
>TET2-L1398 LTREDNREF	263	>TET2-L1398 RTREDNREF	264	1
>TET2-L1398 LTREDNREF	104	>TET2-L1398 RTREDNREF	37	67
>TET2-L1398 LTREDNREF	9	>TET2-L1398 RTREDNREF	5	4
>TET2-L1398 LTREDNREF	458	>TET2-L1398 RTREDNREF	135	323
>TET2-L1398 LTREDNREF	87	>TET2-L1398 RTREDNREF	53	34
>TET2-L1398 TLTREDNR	132	>TET2-L1398 TRTREDNR	3663	3531
>TET2-L1398 TLTREDNREF	1503	>TET2-L1398 TRTREDNREF	452	1051
>TET2-L1398 MQNGSTLVC	337	>TET2-L1398 MQNGSTLVC	22066	21729
>TET2-L1398 MQNGSTLVC	51	>TET2-L1398 MQNGSTLVC	15858	15807
>TET2-L1398 MQNGSTLVC	53	>TET2-L1398 MQNGSTLVC	14289	14236
>TET2-L1398 MQNGSTLVC	19	>TET2-L1398 MQNGSTLVC	12052	12033
>TET2-L1398 MQNGSTLVC	137	>TET2-L1398 MQNGSTLVC	16028	15891
>TET2-L1398 MQNGSTLVC	436	>TET2-L1398 MQNGSTLVC	28876	28440
>TET2-L1398 MQNGSTLVC	9741	>TET2-L1398 MQNGSTLVC	20	9721
>TET2-L1398 MQNGSTLVC	252	>TET2-L1398 MQNGSTLVC	5768	5516
>TET2-L1398 MQNGSTLVC	29198	>TET2-L1398 MQNGSTLVC	146	29052
>TET2-L1398 MQNGSTLVC	60	>TET2-L1398 MQNGSTLVC	2647	2587
>TET2-L1398 MQNGSTLVC	29	>TET2-L1398 MQNGSTLVC	241	212
>TET2-L1398 MQNGSTLVC	18	>TET2-L1398 MQNGSTLVC	8652	8634
>TET2-L1398 MQNGSTLVC	234	>TET2-L1398 MQNGSTLVC	15226	14992
>TET2-L1398 MQNGSTLVC	29300	>TET2-L1398 MQNGSTLVC	115	29185
>TET2-L1398 CTLTREDNR	686	>TET2-L1398 CTRTREDNR	433	253
>TET2-L1398 CTLTREDNR	545	>TET2-L1398 CTRTREDNR	251	294
>TET2-L1398 CTLTREDNR	102	>TET2-L1398 CTRTREDNR	232	130
>TET2-L1398 CTLTREDNRE	70	>TET2-L1398 CTRTREDNRE	41	29
>TET2-L1398 LVCTLTREDN	426	>TET2-L1398 LVCTRTRREDN	300	126
>TET2-L1398 LVCTLTREDN	105	>TET2-L1398 LVCTRTRREDN	120	15
>TET2-L1398 TLVCTLTR	442	>TET2-L1398 TLVCTRTR	319	123
>TET2-L1398 TLVCTLTR	66	>TET2-L1398 TLVCTRTR	83	17

>TET2-L1398 TLVCTLTR	101	>TET2-L1398 TLVCTRTR	201	100
>TET2-L1398 STLVCTLTR	37	>TET2-L1398 STLVCTRTR	568	531
>TET2-L1398 STLVCTLTR	42	>TET2-L1398 STLVCTRTR	40	2
>TET2-L1398 STLVCTLTR	424	>TET2-L1398 STLVCTRTR	562	138
>TET2-L1398 STLVCTLTR	65	>TET2-L1398 STLVCTRTR	151	86
>TET2-L1398 STLVCTLTR	62	>TET2-L1398 STLVCTRTR	100	38
>TET2-L1398 STLVCTLTR	52	>TET2-L1398 STLVCTRTR	239	187
>TET2-L1398 GSTLVCTLTR	150	>TET2-L1398 GSTLVCTRTR	1516	1366
>TET2-L1398 GSTLVCTL	15082	>TET2-L1398 GSTLVCTR	230	14852
>TET2-L1398 GSTLVCTLTR	173	>TET2-L1398 GSTLVCTRTR	116	57
>TET2-L1398 GSTLVCTL	32162	>TET2-L1398 GSTLVCTR	161	32001
>TET2-L1398 GSTLVCTLTR	287	>TET2-L1398 GSTLVCTRTR	1313	1026
>TET2-L1398 GSTLVCTL	173	>TET2-L1398 GSTLVCTR	17633	17460
>TET2-L1398 GSTLVCLT	242	>TET2-L1398 GSTLVCTR	505	263
>TET2-L1398 NGSTLVCTL	32298	>TET2-L1398 NGSTLVCTR	241	32057
>TET2-L1398 NGSTLVCLT	385	>TET2-L1398 NGSTLVCTR	655	270
>TET2-L1398 NGSTLVCTL	32383	>TET2-L1398 NGSTLVCTR	190	32193
>TET2-L1398 NGSTLVCLT	113	>TET2-L1398 NGSTLVCTR	408	295
>TET2-L1398 QNGSTLVCTL	32930	>TET2-L1398 QNGSTLVCTR	318	32612
>TET2-L1801 LPALNHDR	966	>TET2-L1801 FPALNHDR	216	750
>TET2-L1801 LPALNHDR	177	>TET2-L1801 FPALNHDR	111	66
>TET2-L1801 LPALNHDR	1659	>TET2-L1801 FPALNHDR	198	1461
>TET2-L1801 LPALNHDR	410	>TET2-L1801 FPALNHDR	137	273
>TET2-L1801 LPALNHDR	1781	>TET2-L1801 FPALNHDR	475	1306
>TET2-L1801 LPALNHDR	126	>TET2-L1801 FPALNHDR	25	101
>TET2-L1801 LPALNHDR	43	>TET2-L1801 FPALNHDR	11	32
>TET2-L1801 LPALNHDR	351	>TET2-L1801 FPALNHDR	77	274
>TET2-L1801 MLPALNHDR	227	>TET2-L1801 MFPALNHDR	6686	6459
>TET2-L1801 MLPALNHDR	53	>TET2-L1801 MFPALNHDR	13247	13194
>TET2-L1801 MLPALNHDR	114	>TET2-L1801 MFPALNHDR	17938	17824
>TET2-L1801 MLPALNHDR	126	>TET2-L1801 MFPALNHDR	29921	29795
>TET2-L1801 MLPALNHDR	32	>TET2-L1801 MFPALNHDR	21839	21807
>TET2-L1801 MLPALNHDR	418	>TET2-L1801 MFPALNHDR	96	322
>TET2-L1801 MLPALNHDR	1203	>TET2-L1801 MFPALNHDR	244	959
>TET2-L1801 MLPALNHDR	117	>TET2-L1801 MFPALNHDR	200	83
>TET2-L1801 MLPALNHDR	57	>TET2-L1801 MFPALNHDR	18	39
>TET2-L1801 SHTANGLSK	2608	>TET2-L1801 SHTANGLSK	106	2502
>TET2-L1801 SHTANGLSK	267	>TET2-L1801 SHTANGLSK	5312	5045
>TET2-L1801 KMLPALNHD	1659	>TET2-L1801 KMFPALNHD	155	1504
>TET2-L1801 KMLPALNHD	1891	>TET2-L1801 KMFPALNHD	268	1623
>TET2-L1801 KMLPALNHD	274	>TET2-L1801 KMFPALNHD	232	42
>TET2-L1801 KMLPALNHD	68	>TET2-L1801 KMFPALNHD	42	26
>TET2-L1801 KMLPALNHD	321	>TET2-L1801 KMFPALNHD	314	7



>TET2-L1801 KMLPALNHD	369	>TET2-L1801 KMFALNHD	159	210
>TET2-L1801 KMLPALNH	218	>TET2-L1801 KMFALNH	66	152
>TET2-L1801 KMLPALNHD	394	>TET2-L1801 KMFALNHD	352	42
>TET2-L1801 KMLPALNH	1219	>TET2-L1801 KMFALNH	451	768
>TET2-L1801 KMLPALNHD	21	>TET2-L1801 KMFALNHD	18	3
>TET2-L1801 KMLPALNH	366	>TET2-L1801 KMFALNH	71	295
>TET2-L1801 KMLPALNHD	915	>TET2-L1801 KMFALNHD	225	690
>TET2-L1801 KMLPALNHD	258	>TET2-L1801 KMFALNHD	114	144
>TET2-L1801 KMLPALNHD	20	>TET2-L1801 KMFALNHD	15	5
>TET2-L1801 SKMLPALNH	717	>TET2-L1801 SKMFALNH	376	341
>TET2-L1801 LSKMLPAL	2381	>TET2-L1801 LSKMFAL	106	2275
>TET2-L1801 LSKMLPAL	204	>TET2-L1801 LSKMFAL	99	105
>TET2-L1801 LSKMLPAL	551	>TET2-L1801 LSKMFAL	173	378
>TET2-L1801 LSKMLPAL	521	>TET2-L1801 LSKMFAL	113	408
>TET2-L1801 LSKMLPAL	30	>TET2-L1801 LSKMFAL	42	12
>TET2-L1801 GLSKMLPA	145	>TET2-L1801 GLSKMFPA	63	82
>TET2-L1801 GLSKMLPAL	36	>TET2-L1801 GLSKMFAL	59	23
>TET2-L1801 GLSKMLPA	54	>TET2-L1801 GLSKMFPA	22	32
>TET2-L1801 GLSKMLPAL	10	>TET2-L1801 GLSKMFAL	14	4
>TET2-L1801 GLSKMLPA	15	>TET2-L1801 GLSKMFPA	17	2
>TET2-L1801 GLSKMLPAL	19	>TET2-L1801 GLSKMFAL	41	22
>TET2-L1801 GLSKMLPA	418	>TET2-L1801 GLSKMFPA	78	340
>TET2-L1801 GLSKMLPAL	67	>TET2-L1801 GLSKMFAL	40	27
>TET2-L1801 GLSKMLPA	620	>TET2-L1801 GLSKMFPA	265	355
>TET2-L1801 GLSKMLPAL	70	>TET2-L1801 GLSKMFAL	126	56
>TET2-L1801 GLSKMLPA	357	>TET2-L1801 GLSKMFPA	107	250
>TET2-L1801 GLSKMLPAL	28	>TET2-L1801 GLSKMFAL	59	31
>TET2-L1801 GLSKMLPA	118	>TET2-L1801 GLSKMFPA	49	69
>TET2-L1801 GLSKMLPAL	22	>TET2-L1801 GLSKMFAL	32	10
>TET2-L1801 GLSKMLPAL	268	>TET2-L1801 GLSKMFAL	874	606
>TET2-L1801 GLSKMLPA	44	>TET2-L1801 GLSKMFPA	23	21
>TET2-L1801 GLSKMLPAL	7	>TET2-L1801 GLSKMFAL	9	2
>TET2-L1801 GLSKMLPAL	2912	>TET2-L1801 GLSKMFAL	299	2613
>TET2-L1801 GLSKMLPAL	967	>TET2-L1801 GLSKMFAL	340	627
>TET2-L1801 TANGLSKMLI	484	>TET2-L1801 TANGLSKMFI	90	394
>TET2-L1801 TANGLSKML	787	>TET2-L1801 TANGLSKMF	97	690
>TET2-L1801 TANGLSKML	6536	>TET2-L1801 TANGLSKMF	499	6037
>TET2-L1801 TANGLSKML	1877	>TET2-L1801 TANGLSKMF	232	1645
>TET2-L1801 HTANGLSKM	774	>TET2-L1801 HTANGLSKM	144	630
>TET2-L1801 HTANGLSKM	636	>TET2-L1801 HTANGLSKM	95	541
>TET2-L1801 HTANGLSKM	210	>TET2-L1801 HTANGLSKM	4854	4644
>TET2-L1801 HTANGLSKM	7844	>TET2-L1801 HTANGLSKM	411	7433
>TET2-L1801 HTANGLSKM	4239	>TET2-L1801 HTANGLSKM	204	4035

>TET2-L1801 HTANGLSKM	10	>TET2-L1801 HTANGLSKM	5	5
>TET2-L1801 HTANGLSKM	249	>TET2-L1801 HTANGLSKM	46	203
>TET2-L1872 ILIECAKREL	24778	>TET2-L1872 IPIECAKREL	29	24749
>TET2-L1872 ILIECAKREL	79	>TET2-L1872 IPIECAKREL	19735	19656
>TET2-L1872 ILIECAKREL	183	>TET2-L1872 IPIECAKREL	23093	22910
>TET2-L1872 ILIECAKREL	29	>TET2-L1872 IPIECAKREL	23286	23257
>TET2-L1872 ILIECAKREL	61	>TET2-L1872 IPIECAKREL	23256	23195
>TET2-L1872 ILIECAKREL	13	>TET2-L1872 IPIECAKREL	31304	31291
>TET2-L1872 ILIECAKR	481	>TET2-L1872 IPIECAKR	2908	2427
>TET2-L1872 ILIECAKR	111	>TET2-L1872 IPIECAKR	691	580
>TET2-L1872 ILIECAKR	148	>TET2-L1872 IPIECAKR	457	309
>TET2-L1872 VAVAPTHGSI	73	>TET2-L1872 VAVAPTHGSI	16811	16738
>TET2-L1872 VAVAPTHGSI	263	>TET2-L1872 VAVAPTHGSI	14944	14681
>TET2-L1872 SILIECAK	60	>TET2-L1872 SIPIECAK	548	488
>TET2-L1872 SILIECAKR	346	>TET2-L1872 SIPIECAKR	530	184
>TET2-L1872 SILIECAKR	238	>TET2-L1872 SIPIECAKR	487	249
>TET2-L1872 GSILIECAK	60	>TET2-L1872 GSIPIECAK	40	20
>TET2-L1872 GSILIECAKR	163	>TET2-L1872 GSIPIECAKR	261	98
>TET2-L1872 GSILIECAK	416	>TET2-L1872 GSIPIECAK	284	132
>TET2-L1872 GSILIECAKR	34	>TET2-L1872 GSIPIECAKR	24	10
>TET2-L1872 HGSILIECAKR	414	>TET2-L1872 HGSIPIECAKR	676	262
>TET2-L1872 HGSILIECAKR	345	>TET2-L1872 HGSIPIECAKR	642	297
>TET2-L1872 PTHGSILI	309	>TET2-L1872 PTHGSIPI	134	175
>TET2-L1872 APTHGSILI	461	>TET2-L1872 APTHGSIPI	1093	632
>TET2-L1872 APTHGSIL	25	>TET2-L1872 APTHGSIP	9647	9622
>TET2-L1872 APTHGSILI	375	>TET2-L1872 APTHGSIPI	17	358
>TET2-L1872 APTHGSILI	3349	>TET2-L1872 APTHGSIPI	265	3084
>TET2-L1872 APTHGSILI	174	>TET2-L1872 APTHGSIPI	631	457
>TET2-L1872 VAPTHGSIL	5	>TET2-L1872 VAPTHGSIP	1307	1302
>TET2-L1872 VAPTHGSILI	6	>TET2-L1872 VAPTHGSIPI	21	15
>TET2-L1872 VAPTHGSILIE	280	>TET2-L1872 VAPTHGSIPIE	287	7
>TET2-L1872 VAPTHGSILI	227	>TET2-L1872 VAPTHGSIPI	706	479
>TET2-L1872 AVAPTHGSILI	276	>TET2-L1872 AVAPTHGSIP	136	140
>TET2-L1872 AVAPTHGSILI	142	>TET2-L1872 AVAPTHGSIP	67	75
>TET2-L1872 AVAPTHGSILI	153	>TET2-L1872 AVAPTHGSIP	71	82
>TET2-L1872 AVAPTHGSILI	2259	>TET2-L1872 AVAPTHGSIP	406	1853
>TET2-L1872 AVAPTHGSILI	196	>TET2-L1872 AVAPTHGSIP	65	131
>TET2-L1872 AVAPTHGSILI	1430	>TET2-L1872 AVAPTHGSIP	316	1114
>TET2-L1872 AVAPTHGSILI	4717	>TET2-L1872 AVAPTHGSIP	332	4385
>TET2-L1872 AVAPTHGSIL	294	>TET2-L1872 AVAPTHGSIP	32339	32045
>TET2-L1872 AVAPTHGSILI	84	>TET2-L1872 AVAPTHGSIP	116	32
>TET2-L1899 LVFYQHKSM	263	>TET2-L1899 PVFYQHKSM	1488	1225
>TET2-L1899 LVFYQHKSM	131	>TET2-L1899 PVFYQHKSM	8431	8300

>TET2-L1899 LVFYQHKS	66	>TET2-L1899 PVFYQHKS	1199	1133
>TET2-L1899 LVFYQHKS	148	>TET2-L1899 PVFYQHKS	11753	11605
>TET2-L1899 LVFYQHKS	62	>TET2-L1899 PVFYQHKS	5055	4993
>TET2-L1899 SLVfyQHKS	34225	>TET2-L1899 SPVfyQHKS	372	33853
>TET2-L1899 SLVfyQHKS	380	>TET2-L1899 SPVfyQHKS	28604	28224
>TET2-L1899 SLVfyQHKS	283	>TET2-L1899 SPVfyQHKS	36459	36176
>TET2-L1899 SLVfyQHK	160	>TET2-L1899 SPVfyQHK	17915	17755
>TET2-L1899 SLVfyQHK	76	>TET2-L1899 SPVfyQHK	6985	6909
>TET2-L1899 SLVfyQHK	382	>TET2-L1899 SPVfyQHK	2047	1665
>TET2-L1899 SLVfyQHKS	25982	>TET2-L1899 SPVfyQHKS	112	25870
>TET2-L1899 SLVfyQHKS	458	>TET2-L1899 SPVfyQHKS	5143	4685
>TET2-L1899 ISLVfyQHK	225	>TET2-L1899 ISPVfyQHK	482	257
>TET2-L1899 ISLVfyQHKS	34	>TET2-L1899 ISPVfyQHKS	37	3
>TET2-L1899 ISLVfyQHK	451	>TET2-L1899 ISPVfyQHK	3036	2585
>TET2-L1899 ISLVfyQHK	42	>TET2-L1899 ISPVfyQHK	504	462
>TET2-L1899 ISLVfyQHK	15	>TET2-L1899 ISPVfyQHK	343	328
>TET2-L1899 ISLVfyQHK	93	>TET2-L1899 ISPVfyQHK	989	896
>TET2-L1899 ISLVfyQHK	474	>TET2-L1899 ISPVfyQHK	2753	2279
>TET2-L1899 ISLVfyQHKS	31	>TET2-L1899 ISPVfyQHKS	273	242
>TET2-L1899 ISLVfyQHKS	8	>TET2-L1899 ISPVfyQHKS	267	259
>TET2-L1899 ISLVfyQHKS	135	>TET2-L1899 ISPVfyQHKS	1155	1020
>TET2-L1899 ISLVfyQH	16771	>TET2-L1899 ISPVfyQH	46	16725
>TET2-L1899 ISLVfyQHS	20830	>TET2-L1899 ISPVfyQHS	132	20698
>TET2-L1899 ISLVfyQHKS	3464	>TET2-L1899 ISPVfyQHKS	6	3458
>TET2-L1899 ISLVfyQHKS	50	>TET2-L1899 ISPVfyQHKS	1068	1018
>TET2-L1899 ISLVfyQH	359	>TET2-L1899 ISPVfyQH	2237	1878
>TET2-L1899 ISLVfyQHK	172	>TET2-L1899 ISPVfyQHK	783	611
>TET2-L1899 RISLVfyQH	758	>TET2-L1899 RISPfyQH	390	368
>TET2-L1899 RISLVfyQHK	34	>TET2-L1899 RISPfyQHK	23	11
>TET2-L1899 RISLVfyQH	222	>TET2-L1899 RISPfyQH	162	60
>TET2-L1899 RISLVfyQHK	13	>TET2-L1899 RISPfyQHK	14	1
>TET2-L1899 RISLVfyQHK	19	>TET2-L1899 RISPfyQHK	11	8
>TET2-L1899 RISLVfyQH	291	>TET2-L1899 RISPfyQH	115	176
>TET2-L1899 RISLVfyQHK	60	>TET2-L1899 RISPfyQHK	90	30
>TET2-L1899 RISLVfyQHK	395	>TET2-L1899 RISPfyQHK	284	111
>TET2-L1899 RISLVfyQHK	264	>TET2-L1899 RISPfyQHK	118	146
>TET2-L1899 RISLVfyQHK	187	>TET2-L1899 RISPfyQHK	185	2
>TET2-L1899 TRISLVfy	172	>TET2-L1899 TRISPVfy	236	64
>TET2-L1899 TRISLVfy	223	>TET2-L1899 TRISPVfy	298	75
>TET2-L1899 TRISLVfy	456	>TET2-L1899 TRISPVfy	903	447
>TET2-L1899 TRISLVfy	396	>TET2-L1899 TRISPVfy	1418	1022
>TET2-L1899 TRISLVfy	180	>TET2-L1899 TRISPVfy	88	92
>TET2-L1899 TRISLVfy	247	>TET2-L1899 TRISPVfy	934	687

>TET2-L1899 TRISLVFYQHI	107	>TET2-L1899 TRISPVFYQHI	261	154
>TET2-L1899 PTRISLVFY	57	>TET2-L1899 PTRISPVFY	1114	1057
>TET2-L1899 PTRISLVFY	380	>TET2-L1899 PTRISPVFY	297	83
>TET2-L1899 PTRISLVFY	393	>TET2-L1899 PTRISPVFY	264	129
>TET2-L1899 PTRISLVFY	40	>TET2-L1899 PTRISPVFY	34	6
>TET2-L1899 PTRISLVFYQ	224	>TET2-L1899 PTRISPVFYQ	233	9
>TET2-L1899 PTRISLVFY	332	>TET2-L1899 PTRISPVFY	793	461
>TET2-L1899 PTRISLVF	11	>TET2-L1899 PTRISPVF	16	5
>TET2-L1899 PTRISLVFY	17	>TET2-L1899 PTRISPVFY	23	6
>TET2-L1899 HPTRISLVF	1617	>TET2-L1899 HPTRISPVF	285	1332
>TET2-L1899 HPTRISLVFY	167	>TET2-L1899 HPTRISPVFY	533	366
>TET2-L1899 HPTRISLV	361	>TET2-L1899 HPTRISPV	41	320
>TET2-L1899 HPTRISLVF	51	>TET2-L1899 HPTRISPVF	105	54
>TET2-L1899 HPTRISLV	2399	>TET2-L1899 HPTRISPV	350	2049
>TET2-L1899 HPTRISLVF	12	>TET2-L1899 HPTRISPVF	14	2
>TET2-L1899 HPTRISLVFY	198	>TET2-L1899 HPTRISPVFY	113	85
>TET2-L1899 HPTRISLVF	164	>TET2-L1899 HPTRISPVF	275	111
>TET2-L1899 HPTRISLVFY	432	>TET2-L1899 HPTRISPVFY	598	166
>TET2-L1899 HPTRISLV	201	>TET2-L1899 HPTRISPV	58	143
>TET2-L1899 HPTRISLVF	11	>TET2-L1899 HPTRISPVF	11	0
>TET2-L1899 HPTRISLVFY	12	>TET2-L1899 HPTRISPVFY	43	31
>TET2-L1899 HPTRISLVF	62	>TET2-L1899 HPTRISPVF	135	73
>TET2-L1899 HPTRISLVFY	498	>TET2-L1899 HPTRISPVFY	1480	982
>TET2-L1899 NHPTRISLVF	428	>TET2-L1899 NHPTRISPVF	462	34
>TET2-L1899 NHPTRISL	187	>TET2-L1899 NHPTRISP	19179	18992
>TET2-L1899 RNHPTRISL	18	>TET2-L1899 RNHPTRISP	172	154
>TET2-L1899 RNHPTRISLV	55	>TET2-L1899 RNHPTRISPV	29	26
>TET2-L1899 RNHPTRISLVI	573	>TET2-L1899 RNHPTRISPV	405	168
>TET2-L1899 RNHPTRISLVI	129	>TET2-L1899 RNHPTRISPV	184	55
>TET2-L1899 RNHPTRISL	328	>TET2-L1899 RNHPTRISP	6506	6178
>TET2-L1899 RNHPTRISLVI	16	>TET2-L1899 RNHPTRISPV	19	3
>TET2-L1899 RNHPTRISLVI	430	>TET2-L1899 RNHPTRISPV	661	231
>TET2-L1899 RNHPTRISL	438	>TET2-L1899 RNHPTRISP	23650	23212
>TET2-L1899 NRNHPTRISL	423	>TET2-L1899 NRNHPTRISP	5996	5573
>TET2-L1899 NRNHPTRISL	420	>TET2-L1899 NRNHPTRISP	17847	17427
>TET2-L1899 NRNHPTRISL	91	>TET2-L1899 NRNHPTRISP	16721	16630
>TET2-L1971 LAERTMSV	1297	>TET2-L1971 FAERTMSV	58	1239
>TET2-L1971 LAERTMSV	226	>TET2-L1971 FAERTMSV	34	192
>TET2-L1971 LAERTMSV	3463	>TET2-L1971 FAERTMSV	405	3058
>TET2-L1971 SLAERTMSV	9	>TET2-L1971 SFAERTMSV	2175	2166
>TET2-L1971 SLAERTMSVT	185	>TET2-L1971 SFAERTMSVT	19772	19587
>TET2-L1971 SLAERTMSV	3	>TET2-L1971 SFAERTMSV	133	130
>TET2-L1971 SLAERTMSVT	306	>TET2-L1971 SFAERTMSVT	19823	19517

>TET2-L1971 SLAERTMSVT	99	>TET2-L1971 SFAERTMSVT	8865	8766
>TET2-L1971 SLAERTMS	361	>TET2-L1971 SFAERTMS	20544	20183
>TET2-L1971 SLAERTMSV	2	>TET2-L1971 SFAERTMSV	680	678
>TET2-L1971 SLAERTMSVT	122	>TET2-L1971 SFAERTMSVT	14999	14877
>TET2-L1971 SLAERTMSVT	31	>TET2-L1971 SFAERTMSVT	13530	13499
>TET2-L1971 SLAERTMSV	8	>TET2-L1971 SFAERTMSV	510	502
>TET2-L1971 SLAERTMSV	2	>TET2-L1971 SFAERTMSV	565	563
>TET2-L1971 SLAERTMSVT	212	>TET2-L1971 SFAERTMSVT	18799	18587
>TET2-L1971 SLAERTMSVT	84	>TET2-L1971 SFAERTMSVT	15352	15268
>TET2-L1971 SLAERTMSV	4	>TET2-L1971 SFAERTMSV	2458	2454
>TET2-L1971 SLAERTMSVT	278	>TET2-L1971 SFAERTMSVT	20620	20342
>TET2-L1971 SLAERTMSV	4	>TET2-L1971 SFAERTMSV	185	181
>TET2-L1971 SLAERTMSVT	174	>TET2-L1971 SFAERTMSVT	19047	18873
>TET2-L1971 SLAERTMSVT	38	>TET2-L1971 SFAERTMSVT	14251	14213
>TET2-L1971 SLAERTMSV	5	>TET2-L1971 SFAERTMSV	4969	4964
>TET2-L1971 SLAERTMS	377	>TET2-L1971 SFAERTMS	31022	30645
>TET2-L1971 SLAERTMSV	1	>TET2-L1971 SFAERTMSV	41	40
>TET2-L1971 SLAERTMSVT	30	>TET2-L1971 SFAERTMSVT	21859	21829
>TET2-L1971 SLAERTMSVT	9	>TET2-L1971 SFAERTMSVT	17610	17601
>TET2-L1971 SLAERTMSV	54	>TET2-L1971 SFAERTMSV	962	908
>TET2-L1971 SLAERTMSV	29	>TET2-L1971 SFAERTMSV	988	959
>TET2-L1971 SLAERTMSV	57	>TET2-L1971 SFAERTMSV	698	641
>TET2-L1971 EPTYLRFIKSL	1000	>TET2-L1971 EPTYLRFIKSF	69	931
>TET2-L1971 EPTYLRFIKSL	369	>TET2-L1971 EPTYLRFIKSF	125	244
>TET2-L1971 EPTYLRFIKSL	2312	>TET2-L1971 EPTYLRFIKSF	213	2099
>TET2-L1971 EPTYLRFIKSL	1226	>TET2-L1971 EPTYLRFIKSF	113	1113
>TET2-L1971 KSLAERTMSV	498	>TET2-L1971 KSFAERTMSV	509	11
>TET2-L1971 KSLAERTMSV	813	>TET2-L1971 KSFAERTMSV	273	540
>TET2-L1971 KSLAERTMSV	375	>TET2-L1971 KSFAERTMSV	148	227
>TET2-L1971 KSLAERTMSV	184	>TET2-L1971 KSFAERTMSV	293	109
>TET2-L1971 KSLAERTM	676	>TET2-L1971 KSFAERTM	325	351
>TET2-L1971 KSLAERTMSV	54	>TET2-L1971 KSFAERTMSV	31	23
>TET2-L1971 KSLAERTM	445	>TET2-L1971 KSFAERTM	77	368
>TET2-L1971 KSLAERTMSV	218	>TET2-L1971 KSFAERTMSV	51	167
>TET2-L1971 KSLAERTMSV	2312	>TET2-L1971 KSFAERTMSV	194	2118
>TET2-L1971 KSLAERTM	237	>TET2-L1971 KSFAERTM	45	192
>TET2-L1971 KSLAERTMSV	186	>TET2-L1971 KSFAERTMSV	36	150
>TET2-L1971 KSLAERTM	7	>TET2-L1971 KSFAERTM	5	2
>TET2-L1971 KSLAERTMSV	189	>TET2-L1971 KSFAERTMSV	73	116
>TET2-L1971 KSLAERTMSV	860	>TET2-L1971 KSFAERTMSV	330	530
>TET2-L1971 KSLAERTM	96	>TET2-L1971 KSFAERTM	54	42
>TET2-L1971 KSLAERTM	93	>TET2-L1971 KSFAERTM	67	26
>TET2-L1971 KSLAERTMSV	542	>TET2-L1971 KSFAERTMSV	137	405

>TET2-L1971 KSLAERTM	902	>TET2-L1971 KSFAERTM	219	683
>TET2-L1971 IKSLAERTM	125	>TET2-L1971 IKSFAERTM	72	53
>TET2-L1971 IKSLAERTMS'	88	>TET2-L1971 IKSFAERTMS'	53	35
>TET2-L1971 FIKSLAERTM	448	>TET2-L1971 FIKSFAERTM	182	266
>TET2-L1971 FIKSLAERTM	856	>TET2-L1971 FIKSFAERTM	441	415
>TET2-L1971 FIKSLAER	92	>TET2-L1971 FIKSFAER	54	38
>TET2-L1971 FIKSLAER	234	>TET2-L1971 FIKSFAER	132	102
>TET2-L1971 FIKSLAER	24	>TET2-L1971 FIKSFAER	13	11
>TET2-L1971 FIKSLAER	984	>TET2-L1971 FIKSFAER	260	724
>TET2-L1971 RFIKSLAERTM	565	>TET2-L1971 RFIKSAERTM	300	265
>TET2-L1971 RFIKSLAER	6	>TET2-L1971 RFIKSAER	6	0
>TET2-L1971 RFIKSLAER	559	>TET2-L1971 RFIKSAER	223	336
>TET2-L1971 RFIKSLAER	631	>TET2-L1971 RFIKSAER	301	330
>TET2-L1971 RFIKSLAER	68	>TET2-L1971 RFIKSAER	21	47
>TET2-L1971 LRFIKSLAER	128	>TET2-L1971 LRFIKSAER	63	65
>TET2-L1971 LRFIKSLA	423	>TET2-L1971 LRFIKSFA	557	134
>TET2-L1971 LRFIKSLAER	194	>TET2-L1971 LRFIKSAER	159	35
>TET2-L1971 LRFIKSLA	398	>TET2-L1971 LRFIKSFA	513	115
>TET2-L1971 LRFIKSLAER	938	>TET2-L1971 LRFIKSAER	492	446
>TET2-L1971 YLRFIKSL	78	>TET2-L1971 YLRFIKSF	2371	2293
>TET2-L1971 YLRFIKSLA	133	>TET2-L1971 YLRFIKSFA	53	80
>TET2-L1971 YLRFIKSL	13	>TET2-L1971 YLRFIKSF	1779	1766
>TET2-L1971 YLRFIKSLA	13	>TET2-L1971 YLRFIKSFA	11	2
>TET2-L1971 YLRFIKSL	32	>TET2-L1971 YLRFIKSF	2887	2855
>TET2-L1971 YLRFIKSLA	487	>TET2-L1971 YLRFIKSFA	128	359
>TET2-L1971 YLRFIKSL	232	>TET2-L1971 YLRFIKSF	14556	14324
>TET2-L1971 YLRFIKSLA	2449	>TET2-L1971 YLRFIKSFA	385	2064
>TET2-L1971 YLRFIKSL	447	>TET2-L1971 YLRFIKSF	19840	19393
>TET2-L1971 YLRFIKSL	4	>TET2-L1971 YLRFIKSF	1970	1966
>TET2-L1971 YLRFIKSLA	12	>TET2-L1971 YLRFIKSFA	9	3
>TET2-L1971 YLRFIKSLA	795	>TET2-L1971 YLRFIKSFA	188	607
>TET2-L1971 YLRFIKSLAER	22	>TET2-L1971 YLRFIKSFAER	15	7
>TET2-L1971 YLRFIKSLAER	29	>TET2-L1971 YLRFIKSFAER	20	9
>TET2-L1971 YLRFIKSLAER	55	>TET2-L1971 YLRFIKSFAER	34	21
>TET2-L1971 YLRFIKSL	25	>TET2-L1971 YLRFIKSF	74	49
>TET2-L1971 YLRFIKSL	575	>TET2-L1971 YLRFIKSF	47	528
>TET2-L1971 YLRFIKSL	1251	>TET2-L1971 YLRFIKSF	72	1179
>TET2-L1971 YLRFIKSL	208	>TET2-L1971 YLRFIKSF	11	197
>TET2-L1971 YLRFIKSL	2566	>TET2-L1971 YLRFIKSF	204	2362
>TET2-L1971 YLRFIKSLA	105	>TET2-L1971 YLRFIKSFA	218	113
>TET2-L1971 TYLRFIKSL	219	>TET2-L1971 TYLRFIKSF	415	196
>TET2-L1971 TYLRFIKSL	162	>TET2-L1971 TYLRFIKSF	6941	6779
>TET2-L1971 TYLRFIKSL	381	>TET2-L1971 TYLRFIKSF	29	352

>TET2-L1971 TYLRFIKSL	428	>TET2-L1971 TYLRFIKSF	82	346
>TET2-L1971 TYLRFIKSL	6	>TET2-L1971 TYLRFIKSF	5	1
>TET2-L1971 TYLRFIKSL	2702	>TET2-L1971 TYLRFIKSF	167	2535
>TET2-L1971 TYLRFIKSL	427	>TET2-L1971 TYLRFIKSF	770	343
>TET2-L1971 TYLRFIKSL	243	>TET2-L1971 TYLRFIKSF	815	572
>TET2-L1971 TYLRFIKSLA	563	>TET2-L1971 TYLRFIKSFA	207	356
>TET2-L1971 PTYLRFIKSL	1454	>TET2-L1971 PTYLRFIKSF	313	1141
>TET2-L1971 PTYLRFIKSL	4354	>TET2-L1971 PTYLRFIKSF	304	4050
>TET2-L1971 PTYLRFIKSL	714	>TET2-L1971 PTYLRFIKSF	57	657
>TET2-L1971 PTYLRFIKSL	739	>TET2-L1971 PTYLRFIKSF	96	643
>TET2-L699M LKQHLNQQA	677	>TET2-L699M MKQHLNQQ	355	322
>TET2-L699M VLKQHLNQQ	393	>TET2-L699M VMKQHLNQQ	887	494
>TET2-L699M VLKQHLNQQ	24	>TET2-L699M VMKQHLNQQ	40	16
>TET2-L699M SQTEKLMSPV	45	>TET2-L699M SQTEKLMSPV	184	139
>TET2-L699M SQTEKLMSPV	1924	>TET2-L699M SQTEKLMSPV	397	1527
>TET2-L699M SQTEKLMSPV	603	>TET2-L699M SQTEKLMSPV	356	247
>TET2-L699M SQTEKLMSPV	212	>TET2-L699M SQTEKLMSPV	913	701
>TET2-L699M SPVLKQHL	547	>TET2-L699M SPVMKQHL	251	296
>TET2-L699M SPVLKQHL	129	>TET2-L699M SPVMKQHL	54	75
>TET2-L699M SPVLKQHL	776	>TET2-L699M SPVMKQHL	259	517
>TET2-L699M MSPVLKQHL	167	>TET2-L699M MSPVMKQHI	141	26
>TET2-L699M MSPVLKQHL	46	>TET2-L699M MSPVMKQHI	47	1
>TET2-L699M LMSPVLKQHI	118	>TET2-L699M LMSPVMKQHI	125	7
>TET2-L699M LMSPVLKQHI	471	>TET2-L699M LMSPVMKQHI	542	71
>TET2-L699M LMSPVLKQHI	22	>TET2-L699M LMSPVMKQHI	39	17
>TET2-L699M LMSPVLKQHI	93	>TET2-L699M LMSPVMKQHI	169	76
>TET2-L699M LMSPVLKQHI	38	>TET2-L699M LMSPVMKQHI	60	22
>TET2-L699M LMSPVLKQHI	214	>TET2-L699M LMSPVMKQHI	504	290
>TET2-L699M LMSPVLKQ	84	>TET2-L699M LMSPVMKQ	79	5
>TET2-L699M LMSPVLKQHI	4	>TET2-L699M LMSPVMKQHI	5	1
>TET2-L699M LMSPVLKQHI	215	>TET2-L699M LMSPVMKQHI	214	1
>TET2-L699M LMSPVLKQHI	427	>TET2-L699M LMSPVMKQHI	443	16
>TET2-L699M KLMSPVLKQHI	38	>TET2-L699M KLMSPVMKC	39	1
>TET2-L699M KLMSPVLKQHI	17	>TET2-L699M KLMSPVMKC	18	1
>TET2-L699M KLMSPVLKQHI	49	>TET2-L699M KLMSPVMKC	36	13
>TET2-L699M KLMSPVLKQHI	89	>TET2-L699M KLMSPVMKC	99	10
>TET2-L699M KLMSPVLKQ	471	>TET2-L699M KLMSPVMKC	370	101
>TET2-L699M KLMSPVLKQHI	10	>TET2-L699M KLMSPVMKC	13	3
>TET2-L699M KLMSPVLKQHI	18	>TET2-L699M KLMSPVMKC	17	1
>TET2-L699M KLMSPVLKQHI	26	>TET2-L699M KLMSPVMKC	30	4
>TET2-L699M KLMSPVLKQHI	31	>TET2-L699M KLMSPVMKC	24	7
>TET2-L699M KLMSPVLKQ	396	>TET2-L699M KLMSPVMKC	166	230
>TET2-L699M KLMSPVLKQHI	7	>TET2-L699M KLMSPVMKC	5	2

>TET2-L699N KLMSPVLK	25	>TET2-L699N KLMSPVMK	25	0
>TET2-L699N KLMSPVLK	11	>TET2-L699N KLMSPVMK	11	0
>TET2-L699N KLMSPVLK	34	>TET2-L699N KLMSPVMK	56	22
>TET2-L699N KLMSPVLK	107	>TET2-L699N KLMSPVMK	169	62
>TET2-L699N KLMSPVLKQF	244	>TET2-L699N KLMSPVMKC	241	3
>TET2-L699N KLMSPVLKQF	160	>TET2-L699N KLMSPVMKC	139	21
>TET2-L699N KLMSPVLK	269	>TET2-L699N KLMSPVMK	623	354
>TET2-L699N EKLMSPVL	61	>TET2-L699N EKLMSPVM	45	16
>TET2-L699N EKLMSPVLK	552	>TET2-L699N EKLMSPVMK	286	266
>TET2-L699N EKLMSPVL	118	>TET2-L699N EKLMSPVM	579	461
>TET2-L699N TEKLMSPVL	137	>TET2-L699N TEKLMSPVM	190	53
>TET2-L699N TEKLMSPVL	692	>TET2-L699N TEKLMSPVM	410	282
>TET2-L699N TEKLMSPVL	337	>TET2-L699N TEKLMSPVM	1770	1433
>TET2-L699N TEKLMSPVL	26	>TET2-L699N TEKLMSPVM	41	15
>TET2-L699N TEKLMSPVL	18	>TET2-L699N TEKLMSPVM	32	14
>TET2-L699N QTEKLMSPVI	60	>TET2-L699N QTEKLMSPVI	109	49
>TET2-L699N QTEKLMSPVI	81	>TET2-L699N QTEKLMSPVI	100	19
>TET2-L699N QTEKLMSPVI	82	>TET2-L699N QTEKLMSPVI	54	28
>TET2-L699N QTEKLMSPVI	244	>TET2-L699N QTEKLMSPVI	368	124
>TET2-L699N QTEKLMSPVI	478	>TET2-L699N QTEKLMSPVI	33	445
>TET2-L699N QTEKLMSPVI	187	>TET2-L699N QTEKLMSPVI	191	4
>TET2-N1641NCSPYLGSY	662	>TET2-N1641ICSPYLGSY	252	410
>TET2-N1641NCSPYLGSY	147	>TET2-N1641ICSPYLGSY	28	119
>TET2-N1641NCSPYLGSY	620	>TET2-N1641ICSPYLGSY	50	570
>TET2-N1641DNCSPYLGSY	4354	>TET2-N1641DICSPYLGSY	340	4014
>TET2-N1641DNCSPYLGSY	476	>TET2-N1641DICSPYLGSY	15	461
>TET2-N1641DNCSPYLGSY	457	>TET2-N1641DICSPYLGSY	91	366
>TET2-N1641YQCNGNLSVI	10321	>TET2-N1641YQCNGNLSVI	45	10276
>TET2-N1641YQCNGNLSVI	4110	>TET2-N1641YQCNGNLSVI	263	3847
>TET2-N1641YQCNGNLSVI	3985	>TET2-N1641YQCNGNLSVI	58	3927
>TET2-N1641YQCNGNLSVI	14217	>TET2-N1641YQCNGNLSVI	372	13845
>TET2-N1641VDNCSPYLGS	1393	>TET2-N1641VDICSPYLGSY	354	1039
>TET2-N1641SVDNCSPY	160	>TET2-N1641SVDICSPY	178	18
>TET2-N1641SVDNCSPYL	37	>TET2-N1641SVDICSPYL	82	45
>TET2-N1641SVDNCSPYL	301	>TET2-N1641SVDICSPYL	348	47
>TET2-N1641SVDNCSPYL	26	>TET2-N1641SVDICSPYL	63	37
>TET2-N1641SVDNCSPYL	83	>TET2-N1641SVDICSPYL	213	130
>TET2-N1641SVDNCSPYL	107	>TET2-N1641SVDICSPYL	931	824
>TET2-N1641SVDNCSPYL	21	>TET2-N1641SVDICSPYL	52	31
>TET2-N1641SVDNCSPYL	102	>TET2-N1641SVDICSPYL	605	503
>TET2-N1641SVDNCSPYL	201	>TET2-N1641SVDICSPYL	340	139
>TET2-N1641SVDNCSPY	256	>TET2-N1641SVDICSPY	398	142
>TET2-N1641SVDNCSPY	271	>TET2-N1641SVDICSPY	265	6



>TET2-N1641SVDNCSPY	76	>TET2-N1641SVDICSPY	88	12
>TET2-N1641SVDNCSPYL	88	>TET2-N1641SVDICSPYL	142	54
>TET2-N1641SVDNCSPY	357	>TET2-N1641SVDICSPY	298	59
>TET2-N1641SVDNCSPY	191	>TET2-N1641SVDICSPY	238	47
>TET2-N1641LSVDNCSPYL	60	>TET2-N1641LSVDICSPYL	4014	3954
>TET2-N1641LSVDNCSPYL	228	>TET2-N1641LSVDICSPYL	115	113
>TET2-N1641LSVDNCSPY	90	>TET2-N1641LSVDICSPY	241	151
>TET2-N1641LSVDNCSPY	71	>TET2-N1641LSVDICSPY	41	30
>TET2-N1641LSVDNCSPY	93	>TET2-N1641LSVDICSPY	49	44
>TET2-N1641LSVDNCSPYL	695	>TET2-N1641LSVDICSPYL	283	412
>TET2-N1641LSVDNCSPY	35	>TET2-N1641LSVDICSPY	44	9
>TET2-N1641LSVDNCSPY	32	>TET2-N1641LSVDICSPY	54	22
>TET2-N1641LSVDNCSPY	4	>TET2-N1641LSVDICSPY	5	1
>TET2-N1641LSVDNCSPYL	11	>TET2-N1641LSVDICSPYL	13	2
>TET2-N1641LSVDNCSPY	26	>TET2-N1641LSVDICSPY	28	2
>TET2-N1641LSVDNCSPYL	84	>TET2-N1641LSVDICSPYL	46	38
>TET2-N1641LSVDNCSPY	23	>TET2-N1641LSVDICSPY	5	18
>TET2-N1641LSVDNCSPYL	79	>TET2-N1641LSVDICSPYL	102	23
>TET2-N1641LSVDNCSPY	2849	>TET2-N1641LSVDICSPY	448	2401
>TET2-N1641NLSVDNCSPY	164	>TET2-N1641NLSVDICSPYL	82	82
>TET2-N1641NLSVDNCSPY	11	>TET2-N1641NLSVDICSPYL	8	3
>TET2-N1641NLSVDNCSPY	305	>TET2-N1641NLSVDICSPYL	124	181
>TET2-N1641NLSVDNCSPY	440	>TET2-N1641NLSVDICSPYL	204	236
>TET2-N1641NLSVDNCSPY	178	>TET2-N1641NLSVDICSPYL	69	109
>TET2-N1641NLSVDNCSPY	50	>TET2-N1641NLSVDICSPYL	39	11
>TET2-N1641NLSVDNCSPY	92	>TET2-N1641NLSVDICSPYL	46	46
>TET2-N1641NLSVDNCSPY	13	>TET2-N1641NLSVDICSPYL	8	5
>TET2-N1641NLSVDNCSPY	23	>TET2-N1641NLSVDICSPYL	15	8
>TET2-N1641NLSVDNCSPY	195	>TET2-N1641NLSVDICSPY	124	71
>TET2-N1641NLSVDNCSPY	85	>TET2-N1641NLSVDICSPY	89	4
>TET2-N1641NLSVDNCSPY	66	>TET2-N1641NLSVDICSPY	133	67
>TET2-N1641GNLSVDNCSF	412	>TET2-N1641GNLSVDICSP'	300	112
>TET2-N1641GNLSVDNCSF	98	>TET2-N1641GNLSVDICSP'	77	21
>TET2-P101F PSLSGLLQIK	1477	>TET2-P101F HSLSGLLQIK	133	1344
>TET2-P101F PSLSGLLQIKK	3102	>TET2-P101F HSLSGLLQIKK	89	3013
>TET2-P101F PSLSGLLQIK	228	>TET2-P101F HSLSGLLQIK	46	182
>TET2-P101F PSLSGLLQIKK	741	>TET2-P101F HSLSGLLQIKK	46	695
>TET2-P101F PSLSGLLQI	8331	>TET2-P101F HSLSGLLQI	280	8051
>TET2-P101F PSLSGLLQIK	1306	>TET2-P101F HSLSGLLQIK	18	1288
>TET2-P101F PSLSGLLQIKK	1070	>TET2-P101F HSLSGLLQIKK	16	1054
>TET2-P101F PSLSGLLQIK	8267	>TET2-P101F HSLSGLLQIK	252	8015
>TET2-P101F PSLSGLLQI	5177	>TET2-P101F HSLSGLLQI	128	5049
>TET2-P101F PSLSGLLQI	1784	>TET2-P101F HSLSGLLQI	12	1772

>TET2-P101F PSLSGLLQI	9766	>TET2-P101F HSLSGLLQI	94	9672
>TET2-P101F PSLSGLLQI	7147	>TET2-P101F HSLSGLLQI	308	6839
>TET2-P101F PSLSGLLQI	278	>TET2-P101F HSLSGLLQI	23	255
>TET2-P101F EPSLSGLL	236	>TET2-P101F EHSLSGLL	5241	5005
>TET2-P101F EPSLSGLL	1988	>TET2-P101F EHSLSGLL	371	1617
>TET2-P101F SEPSLSGL	2641	>TET2-P101F SEHSLSGL	365	2276
>TET2-P101F SEPSLSGLL	46	>TET2-P101F SEHSLSGLL	34	12
>TET2-P101F SEPSLSGLLQI	16	>TET2-P101F SEHSLSGLLQI	13	3
>TET2-P101F SEPSLSGL	1589	>TET2-P101F SEHSLSGL	51	1538
>TET2-P101F SEPSLSGLL	1491	>TET2-P101F SEHSLSGLL	56	1435
>TET2-P101F SEPSLSGLLQI	3308	>TET2-P101F SEHSLSGLLQI	231	3077
>TET2-P101F SEPSLSGL	1407	>TET2-P101F SEHSLSGL	80	1327
>TET2-P101F SEPSLSGLL	2749	>TET2-P101F SEHSLSGLL	139	2610
>TET2-P101F SEPSLSGLLQI	1863	>TET2-P101F SEHSLSGLLQI	91	1772
>TET2-P101F SEPSLSGL	4014	>TET2-P101F SEHSLSGL	497	3517
>TET2-P101F SEPSLSGLL	3984	>TET2-P101F SEHSLSGLL	444	3540
>TET2-P101F SEPSLSGLLQI	18503	>TET2-P101F SEHSLSGLLQI	341	18162
>TET2-P101F SEPSLSGLL	103	>TET2-P101F SEHSLSGLL	29	74
>TET2-P101F SEPSLSGLLQI	9	>TET2-P101F SEHSLSGLLQI	4	5
>TET2-P101F VSEPSLSGL	4	>TET2-P101F VSEHSLSGL	6	2
>TET2-P101F VSEPSLSGLL	24	>TET2-P101F VSEHSLSGLL	44	20
>TET2-P101F VSEPSLSGL	277	>TET2-P101F VSEHSLSGL	1840	1563
>TET2-P101F VSEPSLSGLL	71	>TET2-P101F VSEHSLSGLL	337	266
>TET2-P101F VSEPSLSGL	75	>TET2-P101F VSEHSLSGL	101	26
>TET2-P101F VSEPSLSGLL	268	>TET2-P101F VSEHSLSGLL	450	182
>TET2-P101F VSEPSLSGL	451	>TET2-P101F VSEHSLSGL	2225	1774
>TET2-P101F TVSEPSLSGL	186	>TET2-P101F TVSEHSLSGL	163	23
>TET2-P101F TVSEPSLSGLL	421	>TET2-P101F TVSEHSLSGLI	108	313
>TET2-P101F TVSEPSLSGL	69	>TET2-P101F TVSEHSLSGL	68	1
>TET2-P101F TVSEPSLSGLL	976	>TET2-P101F TVSEHSLSGLI	185	791
>TET2-P101F TVSEPSLSGL	407	>TET2-P101F TVSEHSLSGL	573	166
>TET2-P101F TVSEPSLSGL	373	>TET2-P101F TVSEHSLSGL	513	140
>TET2-P101F TVSEPSLSGL	106	>TET2-P101F TVSEHSLSGL	290	184
>TET2-P101F TVSEPSLSGLL	21	>TET2-P101F TVSEHSLSGLI	55	34
>TET2-P101F TVSEPSLSGL	48	>TET2-P101F TVSEHSLSGL	100	52
>TET2-P101F TVSEPSLSGLL	100	>TET2-P101F TVSEHSLSGLI	199	99
>TET2-P101F TVSEPSLSGL	389	>TET2-P101F TVSEHSLSGL	825	436
>TET2-P101F RTVSEPSLSGI	255	>TET2-P101F RTVSEHSLSGI	422	167
>TET2-P101F RTVSEPSL	350	>TET2-P101F RTVSEHSL	245	105
>TET2-P101F RTVSEPSLSGI	70	>TET2-P101F RTVSEHSLSGI	48	22
>TET2-P101F RTVSEPSL	225	>TET2-P101F RTVSEHSL	145	80
>TET2-P101F RTVSEPSL	316	>TET2-P101F RTVSEHSL	366	50
>TET2-P101F RTVSEPSLSGI	521	>TET2-P101F RTVSEHSLSGI	390	131

>TET2-P101F RTVSEPSL	4	>TET2-P101F RTVSEHSL	4	0
>TET2-P101F RTVSEPSLSG	578	>TET2-P101F RTVSEHSLSG	493	85
>TET2-P101F RTVSEPSLSGI	3	>TET2-P101F RTVSEHSLSGI	3	0
>TET2-P101F RTVSEPSL	220	>TET2-P101F RTVSEHSL	155	65
>TET2-P101F RTVSEPSLSGI	275	>TET2-P101F RTVSEHSLSGI	135	140
>TET2-P101F RTVSEPSLS	120	>TET2-P101F RTVSEHSLS	42	78
>TET2-P101F RTVSEPSLSGI	15	>TET2-P101F RTVSEHSLSGI	10	5
>TET2-P101F RTVSEPSL	167	>TET2-P101F RTVSEHSL	301	134
>TET2-P101F RTVSEPSLSGI	128	>TET2-P101F RTVSEHSLSGI	157	29
>TET2-P101F KRTVSEPSL	165	>TET2-P101F KRTVSEHSL	210	45
>TET2-P101F KRTVSEPSL	570	>TET2-P101F KRTVSEHSL	162	408
>TET2-P101F KRTVSEPSL	105	>TET2-P101F KRTVSEHSL	142	37
>TET2-P101F KRTVSEPSL	190	>TET2-P101F KRTVSEHSL	201	11
>TET2-P101F IKRTVSEP	286	>TET2-P101F IKRTVSEH	62	224
>TET2-P101F IKRTVSEPS	370	>TET2-P101F IKRTVSEHS	1051	681
>TET2-P101F IKRTVSEPSL	9	>TET2-P101F IKRTVSEHSL	11	2
>TET2-P101F GIKRTVSEPSL	454	>TET2-P101F GIKRTVSEHSL	235	219
>TET2-P101F GIKRTVSEPSL	324	>TET2-P101F GIKRTVSEHSL	778	454
>TET2-P1194 PIAKWVRR	13736	>TET2-P1194 AIAKWVRR	420	13316
>TET2-P1194 PIAKWVRR	2115	>TET2-P1194 AIAKWVRR	66	2049
>TET2-P1194 PIAKWVRR	2541	>TET2-P1194 AIAKWVRR	56	2485
>TET2-P1194 PIAKWVRR	1462	>TET2-P1194 AIAKWVRR	251	1211
>TET2-P1194 PIAKWVRR	964	>TET2-P1194 AIAKWVRR	169	795
>TET2-P1194 PIAKWVRR	6761	>TET2-P1194 AIAKWVRR	412	6349
>TET2-P1194 PIAKWVRR	145	>TET2-P1194 AIAKWVRR	343	198
>TET2-P1194 PIAKWVRR	111	>TET2-P1194 AIAKWVRR	315	204
>TET2-P1194 CIAKWVV	8624	>TET2-P1194 CAIAKWVV	314	8310
>TET2-P1194 CIAKWVVR	1803	>TET2-P1194 CAIAKWVVR	53	1750
>TET2-P1194 CIAKWVVR	1056	>TET2-P1194 CAIAKWVVR	120	936
>TET2-P1194 CIAKWVVR	2131	>TET2-P1194 CAIAKWVVR	258	1873
>TET2-P1194 CIAKWVVR	2307	>TET2-P1194 CAIAKWVVR	78	2229
>TET2-P1194 CIAKWVVR	2092	>TET2-P1194 CAIAKWVVR	74	2018
>TET2-P1194 CIAKWVV	5424	>TET2-P1194 CAIAKWVV	107	5317
>TET2-P1194 CIAKWVV	25	>TET2-P1194 CAIAKWVV	4121	4096
>TET2-P1194 CIAKWVVR	160	>TET2-P1194 CAIAKWVVR	178	18
>TET2-P1194 CIAKWVVR	181	>TET2-P1194 CAIAKWVVR	205	24
>TET2-P1194 QGCPIAKW	124	>TET2-P1194 QGCAIAKW	764	640
>TET2-P1194 QGCPIAKW	111	>TET2-P1194 QGCAIAKW	84	27
>TET2-P1194 SQGCPKAW	863	>TET2-P1194 SQGCAIAKW	495	368
>TET2-P1194 SQGCPKAW	36	>TET2-P1194 SQGCAIAKW	23	13
>TET2-P1194 SQGCPKAW	103	>TET2-P1194 SQGCAIAKW	193	90
>TET2-P1194 SQGCPKAW	28	>TET2-P1194 SQGCAIAKW	49	21
>TET2-P1194 SQGCPKAW	33	>TET2-P1194 SQGCAIAKW	28	5

>TET2-P1194 SQGCPIAKW'	105	>TET2-P1194 SQGCAIAKW'	59	46
>TET2-P1194 SQGCPIAK	85	>TET2-P1194 SQGCAIAK	91	6
>TET2-P1194 SSQGCPIAK	13	>TET2-P1194 SSQGCAIAK	15	2
>TET2-P1194 SSQGCPIAK	222	>TET2-P1194 SSQGCAIAK	397	175
>TET2-P1194 SSQGCPIAKM	13	>TET2-P1194 SSQGCAIAKM	10	3
>TET2-P1194 SSQGCPIAKM	60	>TET2-P1194 SSQGCAIAKM	55	5
>TET2-P1194 SSQGCPIAKM	29	>TET2-P1194 SSQGCAIAKM	29	0
>TET2-P1194 SSQGCPIAKM	472	>TET2-P1194 SSQGCAIAKM	291	181
>TET2-P1194 SSQGCPIAK	149	>TET2-P1194 SSQGCAIAK	350	201
>TET2-P1194 KSSQGCPIAK	116	>TET2-P1194 KSSQGCAIAK	113	3
>TET2-P1194 KSSQGCPIAK	19	>TET2-P1194 KSSQGCAIAK	27	8
>TET2-P1194 KSSQGCPI	322	>TET2-P1194 KSSQGCAI	888	566
>TET2-P1194 KSSQGCPIAK	25	>TET2-P1194 KSSQGCAIAK	37	12
>TET2-P1194 KSSQGCPIAK	370	>TET2-P1194 KSSQGCAIAK	307	63
>TET2-P1194 KSSQGCPI	262	>TET2-P1194 KSSQGCAI	197	65
>TET2-P1194 KSSQGCPI	15	>TET2-P1194 KSSQGCAI	22	7
>TET2-P1194 KSSQGCPIAK'	7	>TET2-P1194 KSSQGCAIAK	7	0
>TET2-P1194 KSSQGCPIAK'	45	>TET2-P1194 KSSQGCAIAK	40	5
>TET2-P1194 KSSQGCPI	104	>TET2-P1194 KSSQGCAI	123	19
>TET2-P1194 KSSQGCPIAK'	9	>TET2-P1194 KSSQGCAIAK	8	1
>TET2-P1194 KSSQGCPIAK'	307	>TET2-P1194 KSSQGCAIAK	326	19
>TET2-P1194 KSSQGCPIAK'	674	>TET2-P1194 KSSQGCAIAK	248	426
>TET2-P1194 KSSQGCPIAK	353	>TET2-P1194 KSSQGCAIAK	692	339
>TET2-P1194 KSSQGCPI	50	>TET2-P1194 KSSQGCAI	40	10
>TET2-P1194 GKSSQGCPI	73	>TET2-P1194 GKSSQGCAI	63	10
>TET2-P1194 KEGKSSQGC/	71	>TET2-P1194 KEGKSSQGC/	98	27
>TET2-P1194 KEGKSSQGC/	362	>TET2-P1194 KEGKSSQGC/	330	32
>TET2-P1194 KEGKSSQGC/	80	>TET2-P1194 KEGKSSQGC/	120	40
>TET2-P1194 KEGKSSQGC/	26	>TET2-P1194 KEGKSSQGC/	30	4
>TET2-P1367 PFSGVTACL	3126	>TET2-P1367 SFSGVTACL	127	2999
>TET2-P1367 PFSGVTACLD	274	>TET2-P1367 SFSGVTACLD	358	84
>TET2-P1367 PFSGVTACLD	206	>TET2-P1367 SFSGVTACLD	30	176
>TET2-P1367 PFSGVTACLD	390	>TET2-P1367 SFSGVTACLD	135	255
>TET2-P1367 PFSGVTAC	4542	>TET2-P1367 SFSGVTAC	481	4061
>TET2-P1367 RPFSGVTACL	57	>TET2-P1367 RSFSGVTACL	10915	10858
>TET2-P1367 RPFSGVTACL	4203	>TET2-P1367 RSFSGVTACL	413	3790
>TET2-P1367 RPFSGVTA	14185	>TET2-P1367 RSFSGVTA	72	14113
>TET2-P1367 RPFSGVTACL	16415	>TET2-P1367 RSFSGVTACL	452	15963
>TET2-P1367 RPFSGVTA	8253	>TET2-P1367 RSFSGVTA	141	8112
>TET2-P1367 RPFSGVTAC	8085	>TET2-P1367 RSFSGVTAC	86	7999
>TET2-P1367 RPFSGVTACL	2958	>TET2-P1367 RSFSGVTACL	41	2917
>TET2-P1367 RPFSGVTACL	8836	>TET2-P1367 RSFSGVTACL	146	8690
>TET2-P1367 RPFSGVTA	124	>TET2-P1367 RSFSGVTA	20068	19944

>TET2-P1367 RPFSGVTAC	138	>TET2-P1367 RSFSGVTAC	21631	21493
>TET2-P1367 RPFSGVTACL	57	>TET2-P1367 RSFSGVTACL	15850	15793
>TET2-P1367 RPFSGVTACL	11604	>TET2-P1367 RSFSGVTACL	329	11275
>TET2-P1367 RPFSGVTA	1105	>TET2-P1367 RSFSGVTA	80	1025
>TET2-P1367 RPFSGVTAC	1575	>TET2-P1367 RSFSGVTAC	182	1393
>TET2-P1367 RPFSGVTACL	242	>TET2-P1367 RSFSGVTACL	26	216
>TET2-P1367 RPFSGVTA	19163	>TET2-P1367 RSFSGVTA	57	19106
>TET2-P1367 RPFSGVTAC	22153	>TET2-P1367 RSFSGVTAC	200	21953
>TET2-P1367 RPFSGVTACL	9131	>TET2-P1367 RSFSGVTACL	6	9125
>TET2-P1367 RPFSGVTACL	35	>TET2-P1367 RSFSGVTACL	377	342
>TET2-P1367 RPFSGVTA	181	>TET2-P1367 RSFSGVTA	24503	24322
>TET2-P1367 RPFSGVTACL	20081	>TET2-P1367 RSFSGVTACL	94	19987
>TET2-P1367 RPFSGVTACL	21969	>TET2-P1367 RSFSGVTACL	380	21589
>TET2-P1367 RPFSGVTA	13279	>TET2-P1367 RSFSGVTA	393	12886
>TET2-P1367 RPFSGVTACL	22776	>TET2-P1367 RSFSGVTACL	304	22472
>TET2-P1367 GRPFSGVTAC	713	>TET2-P1367 GRSFSGVTAC	491	222
>TET2-P1367 GRPFSGVTAC	46	>TET2-P1367 GRSFSGVTAC	39	7
>TET2-P1367 KEGRPFSGV	3932	>TET2-P1367 KEGRSFSGV	263	3669
>TET2-P1367 KEGRPFSGV	1088	>TET2-P1367 KEGRSFSGV	374	714
>TET2-P1367 KEGRPFSGVT	1048	>TET2-P1367 KEGRSFSGVT	471	577
>TET2-P1367 KEGRPFSGV	89	>TET2-P1367 KEGRSFSGV	54	35
>TET2-P1367 KEGRPFSGVT	28	>TET2-P1367 KEGRSFSGVT	16	12
>TET2-P1367 KEGRPFSGV	37	>TET2-P1367 KEGRSFSGV	34	3
>TET2-P1367 GLKEGRPFSG	212	>TET2-P1367 GLKEGRSFSG	90	122
>TET2-P1367 GLKEGRPFSG	5	>TET2-P1367 GLKEGRSFSG	3	2
>TET2-P1367 GLKEGRPFSG	113	>TET2-P1367 GLKEGRSFSG	149	36
>TET2-P1367 GLKEGRPFSG	15	>TET2-P1367 GLKEGRSFSG	26	11
>TET2-P1367 GLKEGRPFSG	21	>TET2-P1367 GLKEGRSFSG	17	4
>TET2-P1367 GLKEGRPFSG	27	>TET2-P1367 GLKEGRSFSG	38	11
>TET2-P1367 GLKEGRPFSG	2	>TET2-P1367 GLKEGRSFSG	2	0
>TET2-P1367 GLKEGRPF	63	>TET2-P1367 GLKEGRSF	71	8
>TET2-P1367 GLKEGRPF	132	>TET2-P1367 GLKEGRSF	130	2
>TET2-P1367 GLKEGRPF	235	>TET2-P1367 GLKEGRSF	207	28
>TET2-P1367 LGLKEGRPF	121	>TET2-P1367 LGLKEGRSF	135	14
>TET2-P1367 RLGLKEGRPF	234	>TET2-P1367 RLGLKEGRSF	368	134
>TET2-P1367 RLGLKEGRPF	1302	>TET2-P1367 RLGLKEGRSF	449	853
>TET2-P1367 CRLGLKEGRP	174	>TET2-P1367 CRLGLKEGRS	200	26
>TET2-P1367 CRLGLKEGRP	158	>TET2-P1367 CRLGLKEGRS	204	46
>TET2-P1419 PLYKVSDV	3729	>TET2-P1419 RLYKVSDV	52	3677
>TET2-P1419 PLYKVSDV	440	>TET2-P1419 RLYKVSDV	32	408
>TET2-P1419 PLYKVSDV	87	>TET2-P1419 RLYKVSDV	4	83
>TET2-P1419 PLYKVSDV	6400	>TET2-P1419 RLYKVSDV	92	6308
>TET2-P1419 PLYKVSDV	11	>TET2-P1419 RLYKVSDV	2	9

>TET2-P1419 PLYKVSDVDE	2085	>TET2-P1419 RLYKVSDVDE	84	2001
>TET2-P1419 PLYKVSDV	544	>TET2-P1419 RLYKVSDV	8	536
>TET2-P1419 PLYKVSDV	13	>TET2-P1419 RLYKVSDV	6	7
>TET2-P1419 PLYKVSDV	364	>TET2-P1419 RLYKVSDV	80	284
>TET2-P1419 PLYKVSDV	11	>TET2-P1419 RLYKVSDV	4	7
>TET2-P1419 PLYKVSDVDE	1549	>TET2-P1419 RLYKVSDVDE	449	1100
>TET2-P1419 PLYKVSDVDE	2437	>TET2-P1419 RLYKVSDVDE	73	2364
>TET2-P1419 PLYKVSDV	7004	>TET2-P1419 RLYKVSDV	313	6691
>TET2-P1419 PLYKVSDVDE	1067	>TET2-P1419 RLYKVSDVDE	12	1055
>TET2-P1419 PLYKVSDVDE	2174	>TET2-P1419 RLYKVSDVDE	45	2129
>TET2-P1419 PLYKVSDV	4470	>TET2-P1419 RLYKVSDV	261	4209
>TET2-P1419 PLYKVSDVDE	283	>TET2-P1419 RLYKVSDVDE	11	272
>TET2-P1419 PLYKVSDVDE	17470	>TET2-P1419 RLYKVSDVDE	212	17258
>TET2-P1419 PLYKVSDVDE	18639	>TET2-P1419 RLYKVSDVDE	277	18362
>TET2-P1419 PLYKVSDVDE	14679	>TET2-P1419 RLYKVSDVDE	344	14335
>TET2-P1419 PLYKVSDVDE	3619	>TET2-P1419 RLYKVSDVDE	402	3217
>TET2-P1419 LPLYKVSDV	234	>TET2-P1419 LRLYKVSDV	31942	31708
>TET2-P1419 LPLYKVSDV	233	>TET2-P1419 LRLYKVSDV	2146	1913
>TET2-P1419 LPLYKVSDV	5489	>TET2-P1419 LRLYKVSDV	420	5069
>TET2-P1419 LPLYKVSDV	214	>TET2-P1419 LRLYKVSDV	20359	20145
>TET2-P1419 LPLYKVSDV	429	>TET2-P1419 LRLYKVSDV	30758	30329
>TET2-P1419 LPLYKVSDVD	344	>TET2-P1419 LRLYKVSDVD	29626	29282
>TET2-P1419 KPEDEQLHVL	22218	>TET2-P1419 KPEDEQLHVL	59	22159
>TET2-P1419 VLPLYKVSDV	182	>TET2-P1419 VLRLYKVSDV	198	16
>TET2-P1419 VLPLYKVSDV	26	>TET2-P1419 VLRLYKVSDV	168	142
>TET2-P1419 VLPLYKVSDV	178	>TET2-P1419 VLRLYKVSDV	563	385
>TET2-P1419 VLPLYKVSDV	42	>TET2-P1419 VLRLYKVSDV	507	465
>TET2-P1419 VLPLYKVSDV	180	>TET2-P1419 VLRLYKVSDV	1973	1793
>TET2-P1419 VLPLYKVSDV	4	>TET2-P1419 VLRLYKVSDV	5	1
>TET2-P1419 HVLPLYKV	261	>TET2-P1419 HVLRLYKV	566	305
>TET2-P1419 HVLPLYKV	345	>TET2-P1419 HVLRLYKV	809	464
>TET2-P1419 HVLPLYKVSD	443	>TET2-P1419 HVLRLYKVSD	953	510
>TET2-P1419 HVLPLYKV	48	>TET2-P1419 HVLRLYKV	133	85
>TET2-P1419 HVLPLYKV	41	>TET2-P1419 HVLRLYKV	90	49
>TET2-P1419 HVLPLYKV	112	>TET2-P1419 HVLRLYKV	183	71
>TET2-P1419 HVLPLYKV	69	>TET2-P1419 HVLRLYKV	153	84
>TET2-P1419 HVLPLYKVSD	444	>TET2-P1419 HVLRLYKVSD	975	531
>TET2-P1419 HVLPLYKV	192	>TET2-P1419 HVLRLYKV	443	251
>TET2-P1419 HVLPLYKV	20	>TET2-P1419 HVLRLYKV	53	33
>TET2-P1419 HVLPLYKVSD	82	>TET2-P1419 HVLRLYKVSD	235	153
>TET2-P1419 HVLPLYKV	943	>TET2-P1419 HVLRLYKV	481	462
>TET2-P1419 HVLPLYKV	21	>TET2-P1419 HVLRLYKV	64	43
>TET2-P1419 HVLPLYKVSD	217	>TET2-P1419 HVLRLYKVSD	707	490

>TET2-P1419 HVLPLYKV	12	>TET2-P1419 HVLRLYKV	24	12
>TET2-P1419 HVLPLYKVSD	188	>TET2-P1419 HVLRLYKVSD	371	183
>TET2-P1419 QLHVLPPLYKV	126	>TET2-P1419 QLHVLRPLYKV	250	124
>TET2-P1419 QLHVLPPLYKV	50	>TET2-P1419 QLHVLRPLYKV	139	89
>TET2-P1419 QLHVLPPLYKV	78	>TET2-P1419 QLHVLRPLYKV	125	47
>TET2-P1419 QLHVLPPLYKV	238	>TET2-P1419 QLHVLRPLYKV	297	59
>TET2-P1419 QLHVLPPLYKV	8	>TET2-P1419 QLHVLRPLYKV	49	41
>TET2-P1419 QLHVLPPLYKV	40	>TET2-P1419 QLHVLRPLYKV	154	114
>TET2-P1419 QLHVLPPLYKV	71	>TET2-P1419 QLHVLRPLYKV	188	117
>TET2-P1419 QLHVLPPLYKV	112	>TET2-P1419 QLHVLRPLYKV	694	582
>TET2-P1419 QLHVLPPLYKV	8	>TET2-P1419 QLHVLRPLYKV	6	2
>TET2-P1419 QLHVLPPLYK	51	>TET2-P1419 QLHVLRPLYK	47	4
>TET2-P1419 QLHVLPPLYK	42	>TET2-P1419 QLHVLRPLYK	49	7
>TET2-P1419 QLHVLPPLY	21	>TET2-P1419 QLHVLRPLY	60	39
>TET2-P1419 QLHVLPPLY	17	>TET2-P1419 QLHVLRPLY	10	7
>TET2-P1419 QLHVLPPLY	219	>TET2-P1419 QLHVLRPLY	480	261
>TET2-P1419 QLHVLPPLY	1731	>TET2-P1419 QLHVLRPLY	220	1511
>TET2-P1419 QLHVLPPLY	1490	>TET2-P1419 QLHVLRPLY	487	1003
>TET2-P1419 QLHVLPPLY	25	>TET2-P1419 QLHVLRPLY	60	35
>TET2-P1419 QLHVLPPLY	616	>TET2-P1419 QLHVLRPLY	429	187
>TET2-P1419 QLHVLPPLY	247	>TET2-P1419 QLHVLRPLY	194	53
>TET2-P1419 EQLHVLPPL	50	>TET2-P1419 EQLHVLRPL	649	599
>TET2-P1419 EQLHVLPPLYK'	27	>TET2-P1419 EQLHVLRPLYK'	55	28
>TET2-P1419 EQLHVLPPLYK'	104	>TET2-P1419 EQLHVLRPLYK'	348	244
>TET2-P1419 EQLHVLPPLYK'	340	>TET2-P1419 EQLHVLRPLYK'	702	362
>TET2-P1419 EQLHVLPPLYK'	194	>TET2-P1419 EQLHVLRPLYK'	910	716
>TET2-P1419 EQLHVLPPLYK'	238	>TET2-P1419 EQLHVLRPLYK'	1026	788
>TET2-P1419 EQLHVLPPLYK	102	>TET2-P1419 EQLHVLRPLYK	119	17
>TET2-P1419 EQLHVLPPLYK	85	>TET2-P1419 EQLHVLRPLYK	177	92
>TET2-P1419 EQLHVLPPLY	149	>TET2-P1419 EQLHVLRPLY	685	536
>TET2-P1419 EQLHVLPPLY	360	>TET2-P1419 EQLHVLRPLY	1593	1233
>TET2-P1419 EQLHVLPPLY	189	>TET2-P1419 EQLHVLRPLY	1476	1287
>TET2-P1419 EQLHVLPPLYK'	117	>TET2-P1419 EQLHVLRPLYK'	792	675
>TET2-P1419 EQLHVLPPL	100	>TET2-P1419 EQLHVLRPL	722	622
>TET2-P1419 EQLHVLPPLY	143	>TET2-P1419 EQLHVLRPLY	233	90
>TET2-P1419 EQLHVLPPL	67	>TET2-P1419 EQLHVLRPL	827	760
>TET2-P1419 EQLHVLPPL	400	>TET2-P1419 EQLHVLRPL	4122	3722
>TET2-P1419 DEQLHVLP	446	>TET2-P1419 DEQLHVLR	463	17
>TET2-P1419 DEQLHVLPPL	413	>TET2-P1419 DEQLHVLRPL	1716	1303
>TET2-P1419 DEQLHVLP	35725	>TET2-P1419 DEQLHVLR	482	35243
>TET2-P1419 DEQLHVLPPL	11	>TET2-P1419 DEQLHVLRPL	107	96
>TET2-P1419 DEQLHVLPPLY	107	>TET2-P1419 DEQLHVLRPLY	158	51
>TET2-P1419 DEQLHVLPPL	286	>TET2-P1419 DEQLHVLRPL	3317	3031

>TET2-P1419 DEQLHVLPLY	890	>TET2-P1419 DEQLHVLRLY	362	528
>TET2-P1419 DEQLHVLPLY	403	>TET2-P1419 DEQLHVLRLY	301	102
>TET2-P1419 DEQLHVLPL	253	>TET2-P1419 DEQLHVLRL	406	153
>TET2-P1419 EDEQLHVLP	36197	>TET2-P1419 EDEQLHVLR	247	35950
>TET2-P1419 PEDEQLHVLP	383	>TET2-P1419 PEDEQLHVLR	1758	1375
>TET2-P1894 PTRISLVFY	8445	>TET2-P1894 HTRISLVFY	273	8172
>TET2-P1894 PTRISLVFY	6178	>TET2-P1894 HTRISLVFY	394	5784
>TET2-P1894 PTRISLVFY	6702	>TET2-P1894 HTRISLVFY	148	6554
>TET2-P1894 PTRISLVFY	57	>TET2-P1894 HTRISLVFY	16	41
>TET2-P1894 PTRISLVFY	380	>TET2-P1894 HTRISLVFY	57	323
>TET2-P1894 PTRISLVFY	393	>TET2-P1894 HTRISLVFY	152	241
>TET2-P1894 PTRISLVF	1970	>TET2-P1894 HTRISLVF	28	1942
>TET2-P1894 PTRISLVFY	40	>TET2-P1894 HTRISLVFY	4	36
>TET2-P1894 PTRISLVFYQ	224	>TET2-P1894 HTRISLVFYQ	8	216
>TET2-P1894 PTRISLVFYQ†	2939	>TET2-P1894 HTRISLVFYQ†	59	2880
>TET2-P1894 PTRISLVFY	332	>TET2-P1894 HTRISLVFY	97	235
>TET2-P1894 PTRISLVFYQ†	6985	>TET2-P1894 HTRISLVFYQ†	209	6776
>TET2-P1894 PTRISLVFY	14666	>TET2-P1894 HTRISLVFY	462	14204
>TET2-P1894 PTRISLVFY	2227	>TET2-P1894 HTRISLVFY	225	2002
>TET2-P1894 PTRISLVF	1934	>TET2-P1894 HTRISLVF	76	1858
>TET2-P1894 PTRISLVFY	6906	>TET2-P1894 HTRISLVFY	368	6538
>TET2-P1894 PTRISLVF	520	>TET2-P1894 HTRISLVF	41	479
>TET2-P1894 PTRISLVFY	1522	>TET2-P1894 HTRISLVFY	177	1345
>TET2-P1894 PTRISLVF	11	>TET2-P1894 HTRISLVF	2	9
>TET2-P1894 PTRISLVFY	17	>TET2-P1894 HTRISLVFY	3	14
>TET2-P1894 PTRISLVFYQ	7920	>TET2-P1894 HTRISLVFYQ	173	7747
>TET2-P1894 PTRISLVFYQ†	4748	>TET2-P1894 HTRISLVFYQ†	67	4681
>TET2-P1894 PTRISLVF	11410	>TET2-P1894 HTRISLVF	238	11172
>TET2-P1894 PTRISLVFY	10183	>TET2-P1894 HTRISLVFY	273	9910
>TET2-P1894 PTRISLVF	599	>TET2-P1894 HTRISLVF	51	548
>TET2-P1894 PTRISLVFY	797	>TET2-P1894 HTRISLVFY	35	762
>TET2-P1894 PTRISLVFYQ†	6153	>TET2-P1894 HTRISLVFYQ†	352	5801
>TET2-P1894 HPTRISLVFY	980	>TET2-P1894 HHTRISLVFY	361	619
>TET2-P1894 HPTRISLVFY	167	>TET2-P1894 HHTRISLVFY	65	102
>TET2-P1894 HPTRISLV	361	>TET2-P1894 HHTRISLV	28497	28136
>TET2-P1894 HPTRISLVF	51	>TET2-P1894 HHTRISLVF	23531	23480
>TET2-P1894 HPTRISLVF	706	>TET2-P1894 HHTRISLVF	68	638
>TET2-P1894 HPTRISLVFY	3121	>TET2-P1894 HHTRISLVFY	408	2713
>TET2-P1894 HPTRISLVF	12	>TET2-P1894 HHTRISLVF	1913	1901
>TET2-P1894 HPTRISLVFY	198	>TET2-P1894 HHTRISLVFY	30584	30386
>TET2-P1894 HPTRISLVF	2082	>TET2-P1894 HHTRISLVF	325	1757
>TET2-P1894 HPTRISLVF	164	>TET2-P1894 HHTRISLVF	13404	13240
>TET2-P1894 HPTRISLVFY	432	>TET2-P1894 HHTRISLVFY	20851	20419



>TET2-P1894 HPTRISLV	201	>TET2-P1894 HHTRISLV	20689	20488
>TET2-P1894 HPTRISLVF	11	>TET2-P1894 HHTRISLVF	702	691
>TET2-P1894 HPTRISLVFY	12	>TET2-P1894 HHTRISLVFY	696	684
>TET2-P1894 HPTRISLVF	62	>TET2-P1894 HHTRISLVF	17394	17332
>TET2-P1894 HPTRISLVFY	498	>TET2-P1894 HHTRISLVFY	24413	23915
>TET2-P1894 HPTRISLVF	2671	>TET2-P1894 HHTRISLVF	100	2571
>TET2-P1894 NHPTRISLVF	428	>TET2-P1894 NHHTRISLVF	4860	4432
>TET2-P1894 NHPTRISLVF	985	>TET2-P1894 NHHTRISLVF	99	886
>TET2-P1894 NHPTRISL	2575	>TET2-P1894 NHHTRISL	379	2196
>TET2-P1894 NHPTRISL	187	>TET2-P1894 NHHTRISL	20	167
>TET2-P1894 NHPTRISLVF	2678	>TET2-P1894 NHHTRISLVF	237	2441
>TET2-P1894 RNHPTRISL	18	>TET2-P1894 RNHHTRISL	20	2
>TET2-P1894 RNHPTRISLV	55	>TET2-P1894 RNHHTRISLV	58	3
>TET2-P1894 RNHPTRISLVI	129	>TET2-P1894 RNHHTRISLV	119	10
>TET2-P1894 RNHPTRISL	328	>TET2-P1894 RNHHTRISL	107	221
>TET2-P1894 RNHPTRISLVI	16	>TET2-P1894 RNHHTRISLV	11	5
>TET2-P1894 RNHPTRISLVI	430	>TET2-P1894 RNHHTRISLV	1674	1244
>TET2-P1894 RNHPTRISL	438	>TET2-P1894 RNHHTRISL	1377	939
>TET2-P1894 NRNHPTRISL	423	>TET2-P1894 NRNHHTRISL	438	15
>TET2-P1894 NRNHPTRISL	420	>TET2-P1894 NRNHHTRISL	374	46
>TET2-P1894 NRNHPTRISL	91	>TET2-P1894 NRNHHTRISL	73	18
>TET2-P1894 NRNHPTRISL'	869	>TET2-P1894 NRNHHTRISL	324	545
>TET2-P1894 NPNRNHPTR	928	>TET2-P1894 NPNRNHHTR	341	587
>TET2-P1894 NPNRNHPT	482	>TET2-P1894 NPNRNHHT	6739	6257
>TET2-P1894 KNPNRNHPT	1257	>TET2-P1894 KNPNRNHHT	328	929
>TET2-P1894 KNPNRNHPT	120	>TET2-P1894 KNPNRNHHT	59	61
>TET2-P1894 LKNPNRNHP	2120	>TET2-P1894 LKNPNRNHH	379	1741
>TET2-P1894 LKNPNRNHP'	249	>TET2-P1894 LKNPNRNHH'	272	23
>TET2-P1937 GPDYVPQK	10412	>TET2-P1937 GSDYVPQK	52	10360
>TET2-P1937 KYGPDYVPQK	439	>TET2-P1937 KYGSDYVPQK	700	261
>TET2-P1937 KYGPDYVPQK	41	>TET2-P1937 KYGSDYVPQK	64	23
>TET2-P1937 KYGPDYVPQ	122	>TET2-P1937 KYGSDYVPQ	117	5
>TET2-P1937 KYGPDYVPQK	75	>TET2-P1937 KYGSDYVPQK	83	8
>TET2-P1937 EKYGPDYVPC	499	>TET2-P1937 EKYGSDYVPC	229	270
>TET2-P1937 EKYGPDYV	167	>TET2-P1937 EKYGSDYV	250	83
>TET2-P1937 CEKYGPDYV	1829	>TET2-P1937 CEKYGSDYV	366	1463
>TET2-P1937 CEKYGPDYV	329	>TET2-P1937 CEKYGSDYV	184	145
>TET2-P1937 CEKYGPDYV	136	>TET2-P1937 CEKYGSDYV	102	34
>TET2-P1937 EECEKYGPDY	187	>TET2-P1937 EECEKYGSDY	71	116
>TET2-P1937 EECEKYGPDY	413	>TET2-P1937 EECEKYGSDY	138	275
>TET2-P1937 EECEKYGPDY	926	>TET2-P1937 EECEKYGSDY	460	466
>TET2-P1937 EECEKYGPDY	268	>TET2-P1937 EECEKYGSDY	125	143
>TET2-P1937 EECEKYGPDY	129	>TET2-P1937 EECEKYGSDY	110	19

>TET2-P1937 EEECEKYGPD	185	>TET2-P1937 EEECEKYGSD	231	46
>TET2-P1941 PQQSHGKKV	5617	>TET2-P1941 SQKSHGKKV	216	5401
>TET2-P1941 PQQSHGKK	1322	>TET2-P1941 SQKSHGKK	66	1256
>TET2-P1941 PQQSHGKKVI	3284	>TET2-P1941 SQKSHGKKVI	186	3098
>TET2-P1941 PQQSHGKK	7434	>TET2-P1941 SQKSHGKK	444	6990
>TET2-P1941 PQQSHGKKVI	434	>TET2-P1941 SQKSHGKKVI	22	412
>TET2-P1941 PQQSHGKKV	999	>TET2-P1941 SQKSHGKKV	90	909
>TET2-P1941 VPQKSHGK	12753	>TET2-P1941 VSQKSHGK	40	12713
>TET2-P1941 VPQKSHGKK	18334	>TET2-P1941 VSQKSHGKK	116	18218
>TET2-P1941 VPQKSHGKK	17128	>TET2-P1941 VSQKSHGKK	426	16702
>TET2-P1941 VPQKSHGKK\	118	>TET2-P1941 VSQKSHGKK\	18960	18842
>TET2-P1941 VPQKSHGKK\	142	>TET2-P1941 VSQKSHGKK\	26273	26131
>TET2-P1941 YVPQKSHGKI	1667	>TET2-P1941 YVSQKSHGKI	311	1356
>TET2-P1941 YVPQKSHGKI	124	>TET2-P1941 YVSQKSHGKI	45	79
>TET2-P1941 YVPQKSHGKI	71	>TET2-P1941 YVSQKSHGKI	83	12
>TET2-P1941 YVPQKSHGKI	343	>TET2-P1941 YVSQKSHGKI	267	76
>TET2-P1941 YVPQKSHGKI	1185	>TET2-P1941 YVSQKSHGKI	367	818
>TET2-P1941 YVPQKSHGKI	13	>TET2-P1941 YVSQKSHGKI	8	5
>TET2-P1941 YVPQKSHGKI	1215	>TET2-P1941 YVSQKSHGKI	411	804
>TET2-P1941 YVPQKSHGK	1372	>TET2-P1941 YVSQKSHGK	111	1261
>TET2-P1941 YVPQKSHGKI	1125	>TET2-P1941 YVSQKSHGKI	336	789
>TET2-P1941 YVPQKSHGK	154	>TET2-P1941 YVSQKSHGK	31	123
>TET2-P1941 YVPQKSHGKI	1243	>TET2-P1941 YVSQKSHGKI	442	801
>TET2-P1941 KYGPDYVPQ	825	>TET2-P1941 KYGPDYVVSQ	344	481
>TET2-P1941 KYGPDYVPQI	439	>TET2-P1941 KYGPDYVVSQI	338	101
>TET2-P1941 KYGPDYVPQI	41	>TET2-P1941 KYGPDYVVSQI	111	70
>TET2-P1941 KYGPDYVPQ	122	>TET2-P1941 KYGPDYVVSQ	387	265
>TET2-P1941 KYGPDYVPQI	75	>TET2-P1941 KYGPDYVVSQI	101	26
>TET2-P1941 EKYGPDYVPC	499	>TET2-P1941 EKYGPDYVSC	291	208
>TET2-P1962 PTYLRFIKSLA	1047	>TET2-P1962 LTYLRFIKSLA	253	794
>TET2-P1962 PTYLRFIKSL	5155	>TET2-P1962 LTYLRFIKSL	444	4711
>TET2-P1962 PTYLRFIKSL	4114	>TET2-P1962 LTYLRFIKSL	281	3833
>TET2-P1962 PTYLRFIK	253	>TET2-P1962 LTYLRFIK	39	214
>TET2-P1962 PTYLRFIK	59	>TET2-P1962 LTYLRFIK	11	48
>TET2-P1962 PTYLRFIK	382	>TET2-P1962 LTYLRFIK	44	338
>TET2-P1962 PTYLRFIK	956	>TET2-P1962 LTYLRFIK	34	922
>TET2-P1962 PTYLRFIK	1952	>TET2-P1962 LTYLRFIK	439	1513
>TET2-P1962 PTYLRFIK	525	>TET2-P1962 LTYLRFIK	21	504
>TET2-P1962 PTYLRFIKSL	4354	>TET2-P1962 LTYLRFIKSL	454	3900
>TET2-P1962 PTYLRFIKSL	714	>TET2-P1962 LTYLRFIKSL	10	704
>TET2-P1962 PTYLRFIKSL	1626	>TET2-P1962 LTYLRFIKSL	185	1441
>TET2-P1962 PTYLRFIKSL	739	>TET2-P1962 LTYLRFIKSL	43	696
>TET2-P1962 PTYLRFIKSLA	4906	>TET2-P1962 LTYLRFIKSLA	122	4784

>TET2-P1962 PTYLRFIK	522	>TET2-P1962 LTYLRFIK	206	316
>TET2-P1962 PTYLRFIKSL	9935	>TET2-P1962 LTYLRFIKSL	401	9534
>TET2-P1962 EPTYLRFIKSL	36173	>TET2-P1962 ELTYLRFIKSL	193	35980
>TET2-P1962 EPTYLRFIK	2993	>TET2-P1962 ELTYLRFIK	278	2715
>TET2-P1962 EPTYLRFIK	54	>TET2-P1962 ELTYLRFIK	11	43
>TET2-P1962 EPTYLRFI	1472	>TET2-P1962 ELTYLRFI	141	1331
>TET2-P1962 EPTYLRFI	330	>TET2-P1962 ELTYLRFI	28927	28597
>TET2-P1962 EPTYLRFIKSL	369	>TET2-P1962 ELTYLRFIKSL	26611	26242
>TET2-P1962 EPAEPHETSEI	16707	>TET2-P1962 EPAEPHETSEI	325	16382
>TET2-P1962 EPAEPHETSEI	6486	>TET2-P1962 EPAEPHETSEI	94	6392
>TET2-P1962 EPAEPHETSEI	18988	>TET2-P1962 EPAEPHETSEI	119	18869
>TET2-P1962 EPAEPHETSEI	2239	>TET2-P1962 EPAEPHETSEI	68	2171
>TET2-P1962 SEPTYLRF	4142	>TET2-P1962 SELTYLRF	484	3658
>TET2-P1962 SEPTYLRFI	4	>TET2-P1962 SELTYLRFI	3	1
>TET2-P1962 SEPTYLRF	1717	>TET2-P1962 SELTYLRF	119	1598
>TET2-P1962 SEPTYLRF	1840	>TET2-P1962 SELTYLRF	79	1761
>TET2-P1962 SEPTYLRF	3791	>TET2-P1962 SELTYLRF	299	3492
>TET2-P1962 SEPTYLRFI	2955	>TET2-P1962 SELTYLRFI	212	2743
>TET2-P1962 SEPTYLRF	2336	>TET2-P1962 SELTYLRF	258	2078
>TET2-P1962 SEPTYLRFI	3991	>TET2-P1962 SELTYLRFI	424	3567
>TET2-P1962 SEPTYLRF	589	>TET2-P1962 SELTYLRF	36	553
>TET2-P1962 SEPTYLRFI	2669	>TET2-P1962 SELTYLRFI	159	2510
>TET2-P1962 SEPTYLRFI	8654	>TET2-P1962 SELTYLRFI	187	8467
>TET2-P1962 SEPTYLRFIKS	7033	>TET2-P1962 SELTYLRFIKS	205	6828
>TET2-P1962 SEPTYLRFI	14	>TET2-P1962 SELTYLRFI	6	8
>TET2-P1962 SEPTYLRFIKS	2116	>TET2-P1962 SELTYLRFIKS	392	1724
>TET2-P1962 TSEPTYLRFI	176	>TET2-P1962 TSELTYLRFI	121	55
>TET2-P1962 TSEPTYLR	316	>TET2-P1962 TSELTYLR	419	103
>TET2-P1962 TSEPTYLRFIK	29	>TET2-P1962 TSELTYLRFIK	31	2
>TET2-P1962 TSEPTYLRF	374	>TET2-P1962 TSELTYLRF	1664	1290
>TET2-P1962 TSEPTYLR	53	>TET2-P1962 TSELTYLR	64	11
>TET2-P1962 TSEPTYLR	38	>TET2-P1962 TSELTYLR	31	7
>TET2-P1962 TSEPTYLRFIK	277	>TET2-P1962 TSELTYLRFIK	265	12
>TET2-P1962 TSEPTYLRF	4	>TET2-P1962 TSELTYLRF	11	7
>TET2-P1962 TSEPTYLRF	436	>TET2-P1962 TSELTYLRF	3797	3361
>TET2-P1962 TSEPTYLRF	278	>TET2-P1962 TSELTYLRF	913	635
>TET2-P1962 TSEPTYLRFI	175	>TET2-P1962 TSELTYLRFI	464	289
>TET2-P1962 TSEPTYLRF	110	>TET2-P1962 TSELTYLRF	244	134
>TET2-P1962 TSEPTYLR	498	>TET2-P1962 TSELTYLR	858	360
>TET2-P1962 TSEPTYLRFIK	349	>TET2-P1962 TSELTYLRFIK	671	322
>TET2-P1962 TSEPTYLR	454	>TET2-P1962 TSELTYLR	469	15
>TET2-P1962 TSEPTYLRFI	209	>TET2-P1962 TSELTYLRFI	158	51
>TET2-P1962 ETSEPTYLRFI	705	>TET2-P1962 ETSELTYLRFI	86	619

>TET2-P1962 ETSEPTYLRF	463	>TET2-P1962 ETSELTYLRF	543	80
>TET2-P1962 ETSEPTYL	1201	>TET2-P1962 ETSELTYL	158	1043
>TET2-P1962 ETSEPTYLR	359	>TET2-P1962 ETSELTYLR	315	44
>TET2-P1962 ETSEPTYLRF	1085	>TET2-P1962 ETSELTYLRF	455	630
>TET2-P1962 ETSEPTYL	873	>TET2-P1962 ETSELTYL	183	690
>TET2-P1962 ETSEPTYLRF	105	>TET2-P1962 ETSELTYLRF	86	19
>TET2-P1962 ETSEPTYL	75	>TET2-P1962 ETSELTYL	51	24
>TET2-P1962 ETSEPTYLRF	22	>TET2-P1962 ETSELTYLRF	47	25
>TET2-P1962 ETSEPTYLRFI	44	>TET2-P1962 ETSELTYLRFI	114	70
>TET2-P1962 ETSEPTYL	255	>TET2-P1962 ETSELTYL	548	293
>TET2-P1962 ETSEPTYLRF	210	>TET2-P1962 ETSELTYLRF	457	247
>TET2-P1962 ETSEPTYLRFI	274	>TET2-P1962 ETSELTYLRFI	543	269
>TET2-P1962 ETSEPTYLR	230	>TET2-P1962 ETSELTYLR	99	131
>TET2-P1962 ETSEPTYLR	15	>TET2-P1962 ETSELTYLR	10	5
>TET2-P1962 ETSEPTYLR	2	>TET2-P1962 ETSELTYLR	1	1
>TET2-P1962 ETSEPTYL	8	>TET2-P1962 ETSELTYL	7	1
>TET2-P1962 ETSEPTYLR	176	>TET2-P1962 ETSELTYLR	322	146
>TET2-P1962 ETSEPTYLRFI	8	>TET2-P1962 ETSELTYLRFI	8	0
>TET2-P1962 ETSEPTYL	10	>TET2-P1962 ETSELTYL	10	0
>TET2-P1962 ETSEPTYLRFI	12	>TET2-P1962 ETSELTYLRFI	14	2
>TET2-P1962 ETSEPTYL	217	>TET2-P1962 ETSELTYL	325	108
>TET2-P1962 ETSEPTYLRF	8	>TET2-P1962 ETSELTYLRF	12	4
>TET2-P1962 ETSEPTYLRFI	310	>TET2-P1962 ETSELTYLRFI	501	191
>TET2-P1962 ETSEPTYLRF	351	>TET2-P1962 ETSELTYLRF	175	176
>TET2-P1962 ETSEPTYLR	795	>TET2-P1962 ETSELTYLR	397	398
>TET2-P1962 ETSEPTYLR	126	>TET2-P1962 ETSELTYLR	43	83
>TET2-P1962 ETSEPTYLRFI	146	>TET2-P1962 ETSELTYLRFI	273	127
>TET2-P1962 HETSEPTYL	1951	>TET2-P1962 HETSELTYL	314	1637
>TET2-P1962 HETSEPTYLRFI	239	>TET2-P1962 HETSELTYLRFI	384	145
>TET2-P1962 HETSEPTY	182	>TET2-P1962 HETSELTY	98	84
>TET2-P1962 HETSEPTYLRFI	604	>TET2-P1962 HETSELTYLRFI	278	326
>TET2-P1962 HETSEPTYL	66	>TET2-P1962 HETSELTYL	25	41
>TET2-P1962 HETSEPTYLRFI	518	>TET2-P1962 HETSELTYLRFI	298	220
>TET2-P1962 HETSEPTYL	331	>TET2-P1962 HETSELTYL	145	186
>TET2-P1962 HETSEPTY	276	>TET2-P1962 HETSELTY	200	76
>TET2-P1962 HETSEPTYLRFI	130	>TET2-P1962 HETSELTYLRFI	133	3
>TET2-P1962 HETSEPTYL	95	>TET2-P1962 HETSELTYL	20	75
>TET2-P1962 HETSEPTYLRFI	543	>TET2-P1962 HETSELTYLRFI	176	367
>TET2-P1962 HETSEPTYLR	49	>TET2-P1962 HETSELTYLR	54	5
>TET2-P1962 PHETSEPTY	1440	>TET2-P1962 PHETSELTY	468	972
>TET2-P1962 EPHETSEPTYI	200	>TET2-P1962 EPHETSELTYL	180	20
>TET2-P1962 EPHETSEPTY	485	>TET2-P1962 EPHETSELTY	1703	1218
>TET2-P1962 EPHETSEP	25413	>TET2-P1962 EPHETSEL	421	24992

>TET2-P1962 EPHETSEP	4436	>TET2-P1962 EPHETSEL	133	4303
>TET2-P1962 EPHETSEPT	222	>TET2-P1962 EPHETSELT	3512	3290
>TET2-P1962 EPHETSEP	17644	>TET2-P1962 EPHETSEL	275	17369
>TET2-P1962 EPHETSEPTYI	460	>TET2-P1962 EPHETSELTYL	389	71
>TET2-P1962 EPHETSEPTY	53	>TET2-P1962 EPHETSELTY	55	2
>TET2-P1962 EPHETSEPTY	676	>TET2-P1962 EPHETSELTY	381	295
>TET2-P1962 AEPHETSEP	18182	>TET2-P1962 AEPHETSEL	408	17774
>TET2-P1962 AEPHETSEP	8419	>TET2-P1962 AEPHETSEL	325	8094
>TET2-P1962 AEPHETSEPT	631	>TET2-P1962 AEPHETSELT	482	149
>TET2-P1962 AEPHETSEP	4316	>TET2-P1962 AEPHETSEL	40	4276
>TET2-P399L PPPSQLLL	399	>TET2-P399L LPPSQLLL	653	254
>TET2-P399L PPPSQLLL	104	>TET2-P399L LPPSQLLL	31	73
>TET2-P399L PPPSQLLL	2367	>TET2-P399L LPPSQLLL	336	2031
>TET2-P399L PPPSQLLLSPF	6431	>TET2-P399L LPPSQLLLSPF	452	5979
>TET2-P399L PPPSQLLL	1427	>TET2-P399L LPPSQLLL	128	1299
>TET2-P399L PPPPSQLL	329	>TET2-P399L PLPPSQLL	33641	33312
>TET2-P399L PPPPSQLL	58	>TET2-P399L PLPPSQLL	29427	29369
>TET2-P399L PPPPSQLL	30909	>TET2-P399L PLPPSQLL	29	30880
>TET2-P399L PPPPSQLL	30857	>TET2-P399L PLPPSQLL	30	30827
>TET2-P399L PPPPSQLL	27	>TET2-P399L PLPPSQLL	420	393
>TET2-P399L PPPPSQLL	99	>TET2-P399L PLPPSQLL	46	53
>TET2-P399L KDSFSATTTPI	12591	>TET2-P399L KDSFSATTTPI	464	12127
>TET2-P399L TPPPPSQLL	386	>TET2-P399L TPLPPSQLL	26257	25871
>TET2-P399L TPPPPSQLLL	370	>TET2-P399L TPLPPSQLLL	26573	26203
>TET2-P399L TPPPPSQL	128	>TET2-P399L TPLPPSQL	100	28
>TET2-P399L TPPPPSQLLL	210	>TET2-P399L TPLPPSQLLL	224	14
>TET2-P399L TPPPPSQLL	7713	>TET2-P399L TPLPPSQLL	496	7217
>TET2-P399L TPPPPSQL	566	>TET2-P399L TPLPPSQL	208	358
>TET2-P399L TPPPPSQLL	1022	>TET2-P399L TPLPPSQLL	406	616
>TET2-P399L TPPPPSQL	3607	>TET2-P399L TPLPPSQL	200	3407
>TET2-P399L TPPPPSQLL	3692	>TET2-P399L TPLPPSQLL	194	3498
>TET2-P399L TPPPPSQLLL	3082	>TET2-P399L TPLPPSQLLL	155	2927
>TET2-P399L TPPPPSQLL	1139	>TET2-P399L TPLPPSQLL	466	673
>TET2-P399L TPPPPSQL	49	>TET2-P399L TPLPPSQL	12401	12352
>TET2-P399L TPPPPSQLL	7	>TET2-P399L TPLPPSQLL	5338	5331
>TET2-P399L TPPPPSQLLL	7	>TET2-P399L TPLPPSQLLL	5321	5314
>TET2-P399L TTPPPSQLL	19	>TET2-P399L TTPLPPSQL	47	28
>TET2-P399L TTPPPSQLL	205	>TET2-P399L TTPLPPSQLL	246	41
>TET2-P399L TTPPPSQLLL	30	>TET2-P399L TTPLPPSQLLL	69	39
>TET2-P399L TTPPPSQLL	49	>TET2-P399L TTPLPPSQL	329	280
>TET2-P399L TTPPPSQLL	227	>TET2-P399L TTPLPPSQLL	908	681
>TET2-P399L TTPPPSQLLL	157	>TET2-P399L TTPLPPSQLLL	674	517
>TET2-P399L TTPPPSQLL	2	>TET2-P399L TTPLPPSQL	4	2

>TET2-P399L TTPPPPSQLL	2	>TET2-P399L TTPLPPSPLL	2	0
>TET2-P399L TTPPPPSQLLI	2	>TET2-P399L TTPLPPSPLLI	2	0
>TET2-P399L TTPPPPSQL	147	>TET2-P399L TTPLPPSQL	373	226
>TET2-P399L TTPPPPSQLL	379	>TET2-P399L TTPLPPSQLL	166	213
>TET2-P399L TTPPPPSQL	60	>TET2-P399L TTPLPPSQL	488	428
>TET2-P399L TTPPPPSQLL	428	>TET2-P399L TTPLPPSQLL	294	134
>TET2-P399L TTPPPPSQLLI	138	>TET2-P399L TTPLPPSPLLI	951	813
>TET2-P399L TTTPPPPSPLI	35	>TET2-P399L TTTPLPPSPLI	46	11
>TET2-P399L TTTPPPPSQL	143	>TET2-P399L TTTPLPPSQL	361	218
>TET2-P399L TTTPPPPSPLI	181	>TET2-P399L TTTPLPPSPLI	369	188
>TET2-P399L TTTPPPPSQL	7	>TET2-P399L TTTPLPPSQL	12	5
>TET2-P399L TTTPPPPSPLI	19	>TET2-P399L TTTPLPPSPLI	26	7
>TET2-P399L TTTPPPPSQL	26	>TET2-P399L TTTPLPPSQL	41	15
>TET2-P399L TTTPPPPSPLI	7	>TET2-P399L TTTPLPPSPLI	8	1
>TET2-P399L TTTPPPPSQL	61	>TET2-P399L TTTPLPPSQL	38	23
>TET2-P399L TTTPPPPSPLI	72	>TET2-P399L TTTPLPPSPLI	71	1
>TET2-P399L TTTPPPPSQL	298	>TET2-P399L TTTPLPPSQL	245	53
>TET2-P399L TTTPPPPSPLI	144	>TET2-P399L TTTPLPPSPLI	263	119
>TET2-P399L ATTTPPPPSQ	257	>TET2-P399L ATTTPLPPSQ	83	174
>TET2-P399L ATTTPPPPSQ	9	>TET2-P399L ATTTPLPPSQ	9	0
>TET2-P399L ATTTPPPPSQ	67	>TET2-P399L ATTTPLPPSQ	55	12
>TET2-P399L ATTTPPPPSQ	45	>TET2-P399L ATTTPLPPSQ	33	12
>TET2-P399L ATTTPPPPSQ	303	>TET2-P399L ATTTPLPPSQ	334	31
>TET2-P399L FSATTTTP	22196	>TET2-P399L FSATTTPL	284	21912
>TET2-P399L FSATTTTP	5778	>TET2-P399L FSATTTPL	21	5757
>TET2-P399L FSATTTTP	13277	>TET2-P399L FSATTTPL	452	12825
>TET2-P399L FSATTTTP	9973	>TET2-P399L FSATTTPL	98	9875
>TET2-P399L FSATTTTP	6761	>TET2-P399L FSATTTPL	38	6723
>TET2-P399L FSATTTTP	13277	>TET2-P399L FSATTTPL	196	13081
>TET2-P399L FSATTTTP	2797	>TET2-P399L FSATTTPL	56	2741
>TET2-P399L FSATTTTP	18520	>TET2-P399L FSATTTPL	25	18495
>TET2-P399L FSATTTTP	11810	>TET2-P399L FSATTTPL	368	11442
>TET2-P399L FSATTTTP	15341	>TET2-P399L FSATTTPL	55	15286
>TET2-P399L FSATTTTP	20387	>TET2-P399L FSATTTPL	63	20324
>TET2-P399L FSATTTTP	7826	>TET2-P399L FSATTTPL	120	7706
>TET2-P399L FSATTTTP	22714	>TET2-P399L FSATTTPL	176	22538
>TET2-P399L SFSATTTTP	2464	>TET2-P399L SFSATTTPL	5	2459
>TET2-P399L SFSATTTTP	12704	>TET2-P399L SFSATTTPL	67	12637
>TET2-P399L SFSATTTTP	1340	>TET2-P399L SFSATTTPL	258	1082
>TET2-P399L DSFSATTTTP	10043	>TET2-P399L DSFSATTTPL	189	9854
>TET2-P399L DSFSATTTTP	21102	>TET2-P399L DSFSATTTPL	136	20966
>TET2-P399L DSFSATTTTP	10364	>TET2-P399L DSFSATTTPL	115	10249
>TET2-P399L DSFSATTTTP	6139	>TET2-P399L DSFSATTTPL	240	5899

>TET2-P399L DSFSATTTTPP	23200	>TET2-P399L DSFSATTTPL	190	23010
>TET2-Q134\xNQIEYEHRA	48	>TET2-Q134\xNRIEYEHRA	15076	15028
>TET2-Q134\xNQIEYEHR	263	>TET2-Q134\xNRIEYEHR	675	412
>TET2-Q134\xNQIEYEHR	398	>TET2-Q134\xNRIEYEHR	938	540
>TET2-Q134\xKKLAPDAYNN	881	>TET2-Q134\xKKLAPDAYNN	198	683
>TET2-Q134\xKKLAPDAYNN	7169	>TET2-Q134\xKKLAPDAYNN	61	7108
>TET2-Q134\xYNNQIEYEHR	440	>TET2-Q134\xYNNRIEYEHR	1353	913
>TET2-Q134\xAYNNQIEY	272	>TET2-Q134\xAYNNRIEY	509	237
>TET2-Q134\xAYNNQIEY	122	>TET2-Q134\xAYNNRIEY	174	52
>TET2-Q134\xAYNNQIEYEH	17	>TET2-Q134\xAYNNRIEYEH	15	2
>TET2-Q134\xAYNNQIEYEH	644	>TET2-Q134\xAYNNRIEYEH	224	420
>TET2-Q134\xAYNNQIEY	408	>TET2-Q134\xAYNNRIEY	845	437
>TET2-Q134\xAYNNQIEYEH	158	>TET2-Q134\xAYNNRIEYEH	169	11
>TET2-Q134\xDAYNNQIEY	297	>TET2-Q134\xDAYNNRIEY	522	225
>TET2-Q134\xDAYNNQIEY	179	>TET2-Q134\xDAYNNRIEY	113	66
>TET2-Q134\xDAYNNQIEY	25	>TET2-Q134\xDAYNNRIEY	43	18
>TET2-Q134\xDAYNNQIEYE	374	>TET2-Q134\xDAYNNRIEYE	605	231
>TET2-Q134\xPDAYNNQI	226	>TET2-Q134\xPDAYNNRI	281	55
>TET2-Q134\xAPDAYNNQI	276	>TET2-Q134\xAPDAYNNRI	574	298
>TET2-Q134\xAPDAYNNQIE	47	>TET2-Q134\xAPDAYNNRIE	61	14
>TET2-Q134\xAPDAYNNQIE	367	>TET2-Q134\xAPDAYNNRIE	474	107
>TET2-Q134\xAPDAYNNQIE	21	>TET2-Q134\xAPDAYNNRIE	26	5
>TET2-Q134\xLAPDAYNNQ	16467	>TET2-Q134\xLAPDAYNNR	140	16327
>TET2-Q134\xLAPDAYNNQ	365	>TET2-Q134\xLAPDAYNNR	1263	898
>TET2-Q134\xLAPDAYNNQ	9	>TET2-Q134\xLAPDAYNNRI	10	1
>TET2-Q134\xKLAPDAYNNC	36	>TET2-Q134\xKLAPDAYNNF	37	1
>TET2-Q134\xKLAPDAYNNC	7	>TET2-Q134\xKLAPDAYNNF	8	1
>TET2-Q134\xKLAPDAYNNC	15	>TET2-Q134\xKLAPDAYNNF	19	4
>TET2-Q134\xKLAPDAYNNC	76	>TET2-Q134\xKLAPDAYNNF	116	40
>TET2-Q134\xKLAPDAYNNC	22	>TET2-Q134\xKLAPDAYNNF	27	5
>TET2-Q134\xKLAPDAYNNC	27	>TET2-Q134\xKLAPDAYNNF	28	1
>TET2-Q134\xKLAPDAYNNC	34	>TET2-Q134\xKLAPDAYNNF	63	29
>TET2-Q134\xKLAPDAYNNC	43	>TET2-Q134\xKLAPDAYNNF	88	45
>TET2-Q134\xKLAPDAYNNC	207	>TET2-Q134\xKLAPDAYNNF	7579	7372
>TET2-Q134\xKLAPDAYNNC	11	>TET2-Q134\xKLAPDAYNNF	12	1
>TET2-Q134\xKLAPDAYNNC	24143	>TET2-Q134\xKLAPDAYNNF	208	23935
>TET2-Q134\xKLAPDAYNNC	120	>TET2-Q134\xKLAPDAYNNF	245	125
>TET2-Q134\xKLAPDAYNNC	6961	>TET2-Q134\xKLAPDAYNNF	86	6875
>TET2-Q134\xKLAPDAYNNC	7504	>TET2-Q134\xKLAPDAYNNF	35	7469
>TET2-Q548L QTRDLVPP	652	>TET2-Q548L LTRDLVPP	432	220
>TET2-Q548L QTRDLVPPT	73	>TET2-Q548L LTRDLVPPT	48	25
>TET2-Q548L QTRDLVPPTC	78	>TET2-Q548L LTRDLVPPTQ	51	27
>TET2-Q548L QTRDLVPPT	639	>TET2-Q548L LTRDLVPPT	271	368

>TET2-Q548L QTRDLVPPTC	138	>TET2-Q548L LTRDLVPPTQ	52	86
>TET2-Q548L QTRDLVPPTC	96	>TET2-Q548L LTRDLVPPTQ	38	58
>TET2-Q548L EQTRDLVPPT	31717	>TET2-Q548L ELTRDLVPPT	475	31242
>TET2-Q548L QEILKGRDKEI	12369	>TET2-Q548L QEILKGRDKEI	403	11966
>TET2-Q548L KEQTRDLVPP	269	>TET2-Q548L KELTRDLVPP	95	174
>TET2-Q548L KEQTRDLVPP	272	>TET2-Q548L KELTRDLVPP	340	68
>TET2-Q548L KEQTRDLVPP	167	>TET2-Q548L KELTRDLVPP	62	105
>TET2-Q548L RDKEQTRDL	1817	>TET2-Q548L RDKELTRDL	415	1402
>TET2-Q548L RDKEQTRDLV	235	>TET2-Q548L RDKELTRDLV	306	71
>TET2-Q548L GRDKQTRDI	301	>TET2-Q548L GRDKELTRDL	244	57
>TET2-Q548L KGRDKQTR	505	>TET2-Q548L KGRDKELTR	227	278
>TET2-Q548L KGRDKQTR	250	>TET2-Q548L KGRDKELTR	481	231
>TET2-Q548L KGRDKQTR	388	>TET2-Q548L KGRDKELTR	133	255
>TET2-Q548L ILKGRDKEQ	2670	>TET2-Q548L ILKGRDKEL	22	2648
>TET2-Q548L ILKGRDKEQT	150	>TET2-Q548L ILKGRDKELTF	205	55
>TET2-Q548L ILKGRDKEQT	248	>TET2-Q548L ILKGRDKELTF	261	13
>TET2-Q548L ILKGRDKEQ	9323	>TET2-Q548L ILKGRDKEL	118	9205
>TET2-Q548L ILKGRDKEQT	785	>TET2-Q548L ILKGRDKELTF	317	468
>TET2-R1167 RFGQK GKAI	311	>TET2-R1167 TFGQK GKAI	2786	2475
>TET2-R1167 RFGQK GKAIR	236	>TET2-R1167 TFGQK GKAIR	2225	1989
>TET2-R1167 RFGQK GKAIR	57	>TET2-R1167 TFGQK GKAIR	398	341
>TET2-R1167 RFGQK GKAIR	45	>TET2-R1167 TFGQK GKAIR	160	115
>TET2-R1167 ERFQK GKAI	12719	>TET2-R1167 ETFQK GKAI	487	12232
>TET2-R1167 ERFQK GKAI	17596	>TET2-R1167 ETFQK GKAI	252	17344
>TET2-R1167 ERFQK GKAI	19852	>TET2-R1167 ETFQK GKAI	346	19506
>TET2-R1167 ERFQK GKAI	3963	>TET2-R1167 ETFQK GKAI	50	3913
>TET2-R1167 ERFQK GK	2404	>TET2-R1167 ETFQK GK	6	2398
>TET2-R1167 ERFQK GKAI	441	>TET2-R1167 ETFQK GKAI	3	438
>TET2-R1167 ERFQK GK	15348	>TET2-R1167 ETFQK GK	33	15315
>TET2-R1167 ERFQK GKAI	22372	>TET2-R1167 ETFQK GKAI	251	22121
>TET2-R1167 ERFQK GKAI	19464	>TET2-R1167 ETFQK GKAI	269	19195
>TET2-R1167 ERFQK GKAI	27555	>TET2-R1167 ETFQK GKAI	297	27258
>TET2-R1167 ERFQK GK	175	>TET2-R1167 ETFQK GK	21462	21287
>TET2-R1167 ERFQK GKAI	306	>TET2-R1167 ETFQK GKAI	29353	29047
>TET2-R1167 ERFQK GK	296	>TET2-R1167 ETFQK GK	15063	14767
>TET2-R1167 ERFQK GKAI	406	>TET2-R1167 ETFQK GKAI	358	48
>TET2-R1167 VAAIREIMEEI	376	>TET2-R1167 VAAIREIMEEI	22363	21987
>TET2-R1167 VAAIREIMEEI	60	>TET2-R1167 VAAIREIMEEI	21833	21773
>TET2-R1167 EERFGQK GK/	116	>TET2-R1167 EETFQK GK/	49	67
>TET2-R1167 EERFGQK GK/	325	>TET2-R1167 EETFQK GK/	315	10
>TET2-R1167 MEERFGQK G	71	>TET2-R1167 MEETFQK G	85	14
>TET2-R1167 IMEERFGQ	411	>TET2-R1167 IMEETFQQ	230	181
>TET2-R1167 IMEERFGQK	85	>TET2-R1167 IMEETFQQK	172	87



>TET2-R1167IMEERFGQKC	355	>TET2-R1167IMEETFGQKC	669	314
>TET2-R1167IMEERFGQK	492	>TET2-R1167IMEETFGQK	389	103
>TET2-R1167EIMEERFGQK	538	>TET2-R1167EIMEETFGQK	360	178
>TET2-R1167EIMEERFGQK	629	>TET2-R1167EIMEETFGQK	281	348
>TET2-R1167EIMEERFGQ	350	>TET2-R1167EIMEETFGQ	284	66
>TET2-R1167EIMEERFGQK	361	>TET2-R1167EIMEETFGQK	214	147
>TET2-R1167EIMEERFGQ	225	>TET2-R1167EIMEETFGQ	30	195
>TET2-R1167REIMEERF	221	>TET2-R1167REIMEETF	35	186
>TET2-R1167REIMEERF	3840	>TET2-R1167REIMEETF	494	3346
>TET2-R1167REIMEERF	148	>TET2-R1167REIMEETF	31	117
>TET2-R1167REIMEERF	490	>TET2-R1167REIMEETF	262	228
>TET2-R1167REIMEERFGC	618	>TET2-R1167REIMEETFGC	474	144
>TET2-R1167REIMEERF	301	>TET2-R1167REIMEETF	243	58
>TET2-R1167REIMEERFGC	780	>TET2-R1167REIMEETFGC	462	318
>TET2-R1167AIREIMEERF	367	>TET2-R1167AIREIMEETF	404	37
>TET2-R1167AIREIMEER	43	>TET2-R1167AIREIMEET	18922	18879
>TET2-R1167AIREIMEERF	1625	>TET2-R1167AIREIMEETF	164	1461
>TET2-R1167AIREIMEER	444	>TET2-R1167AIREIMEET	35179	34735
>TET2-R1167AIREIMEER	396	>TET2-R1167AIREIMEET	36981	36585
>TET2-R1167AIREIMEERF	725	>TET2-R1167AIREIMEETF	279	446
>TET2-R1167AIREIMEERF	1283	>TET2-R1167AIREIMEETF	332	951
>TET2-R1167AIREIMEERF	148	>TET2-R1167AIREIMEETF	102	46
>TET2-R1167AAIREIMEERI	255	>TET2-R1167AAIREIMEETI	284	29
>TET2-R1167AAIREIMEER	491	>TET2-R1167AAIREIMEET	33554	33063
>TET2-R1167AAIREIMEER	77	>TET2-R1167AAIREIMEET	35164	35087
>TET2-R1167AAIREIMEERI	254	>TET2-R1167AAIREIMEETI	55	199
>TET2-R1167AAIREIMEERI	32	>TET2-R1167AAIREIMEETI	24	8
>TET2-R1167AAIREIMEERI	224	>TET2-R1167AAIREIMEETI	124	100
>TET2-R1167AAIREIMEER	445	>TET2-R1167AAIREIMEET	7829	7384
>TET2-R1214RERAGHTC	537	>TET2-R1214WERAGHTC	70	467
>TET2-R1214RERAGHTCE/	274	>TET2-R1214WERAGHTCE	13322	13048
>TET2-R1214RERAGHTC	3586	>TET2-R1214WERAGHTC	93	3493
>TET2-R1214RERAGHTCE/	6340	>TET2-R1214WERAGHTCE	171	6169
>TET2-R1214RERAGHTC	440	>TET2-R1214WERAGHTC	384	56
>TET2-R1214RERAGHTCE/	46	>TET2-R1214WERAGHTCE	56	10
>TET2-R1214RERAGHTC	425	>TET2-R1214WERAGHTC	5981	5556
>TET2-R1214RERAGHTCE/	14	>TET2-R1214WERAGHTCE	128	114
>TET2-R1214RERAGHTCE/	379	>TET2-R1214WERAGHTCE	261	118
>TET2-R1214VRERAGHTC	36857	>TET2-R1214VWERAGHTC	499	36358
>TET2-R1214SSEEKLLCLVR	16206	>TET2-R1214SSEEKLLCLVV	15	16191
>TET2-R1214SSEEKLLCLVR	22559	>TET2-R1214SSEEKLLCLVV	395	22164
>TET2-R1214LVRERAGHTC	10369	>TET2-R1214LVWERAGHT	221	10148
>TET2-R1214LVRERAGHTC	3054	>TET2-R1214LVWERAGHT	342	2712

>TET2-R1214CLVRERAGHT	356	>TET2-R1214CLVWERAGH	103	253
>TET2-R1214LLCLVRERA	797	>TET2-R1214LLCLVWERA	57	740
>TET2-R1214LLCLVRERA	166	>TET2-R1214LLCLVWERA	177	11
>TET2-R1214LLCLVRER	203	>TET2-R1214LLCLVWER	84	119
>TET2-R1214LLCLVRER	244	>TET2-R1214LLCLVWER	55	189
>TET2-R1214LLCLVRER	630	>TET2-R1214LLCLVWER	358	272
>TET2-R1214LLCLVRER	1667	>TET2-R1214LLCLVWER	426	1241
>TET2-R1214KLLCLVRERA	352	>TET2-R1214KLLCLVWERA	252	100
>TET2-R1214KLLCLVRERA	222	>TET2-R1214KLLCLVWERA	238	16
>TET2-R1214KLLCLVRERA	614	>TET2-R1214KLLCLVWERA	471	143
>TET2-R1214KLLCLVRER	3373	>TET2-R1214KLLCLVWER	73	3300
>TET2-R1214KLLCLVRERA	19	>TET2-R1214KLLCLVWERA	4	15
>TET2-R1214KLLCLVRERA	2154	>TET2-R1214KLLCLVWERA	276	1878
>TET2-R1214KLLCLVRER	8893	>TET2-R1214KLLCLVWER	482	8411
>TET2-R1214KLLCLVRERA	170	>TET2-R1214KLLCLVWERA	37	133
>TET2-R1214KLLCLVRERA	141	>TET2-R1214KLLCLVWERA	19	122
>TET2-R1214KLLCLVRERA	1594	>TET2-R1214KLLCLVWERA	102	1492
>TET2-R1214KLLCLVRERA	300	>TET2-R1214KLLCLVWERA	70	230
>TET2-R1214KLLCLVRER	6580	>TET2-R1214KLLCLVWER	457	6123
>TET2-R1214KLLCLVRER	41	>TET2-R1214KLLCLVWER	14	27
>TET2-R1214KLLCLVRER	38	>TET2-R1214KLLCLVWER	13	25
>TET2-R1214KLLCLVRERA	17749	>TET2-R1214KLLCLVWERA	473	17276
>TET2-R1214EKLLCLVRER	1362	>TET2-R1214EKLLCLVWER	478	884
>TET2-R1214EKLLCLVR	236	>TET2-R1214EKLLCLVW	31805	31569
>TET2-R1214EKLLCLVRER	792	>TET2-R1214EKLLCLVWER	161	631
>TET2-R1214EEKLLCLVR	13198	>TET2-R1214EEKLLCLVW	412	12786
>TET2-R1214EEKLLCLVR	2696	>TET2-R1214EEKLLCLVW	489	2207
>TET2-R1214EEKLLCLVR	8756	>TET2-R1214EEKLLCLVW	208	8548
>TET2-R1214EEKLLCLVR	5395	>TET2-R1214EEKLLCLVW	98	5297
>TET2-R1214SEEKLLCLVR	6850	>TET2-R1214SEEKLLCLVW	258	6592
>TET2-R1214SEEKLLCLVR	9887	>TET2-R1214SEEKLLCLVW	19	9868
>TET2-R1214SEEKLLCLVR	5530	>TET2-R1214SEEKLLCLVW	23	5507
>TET2-R1214SEEKLLCLVR	557	>TET2-R1214SEEKLLCLVW	344	213
>TET2-R1216RAGHTCEAA\	418	>TET2-R1216QAGHTCEAA\	8868	8450
>TET2-R1216RAGHTCEAA\	30	>TET2-R1216QAGHTCEAA\	256	226
>TET2-R1216ERAGHTCEA/	12781	>TET2-R1216EQAGHTCEA/	373	12408
>TET2-R1216ERAGHTCEA/	23533	>TET2-R1216EQAGHTCEA/	469	23064
>TET2-R1216ERAGHTCEA/	14798	>TET2-R1216EQAGHTCEA/	98	14700
>TET2-R1216ERAGHTCEA/	422	>TET2-R1216EQAGHTCEA/	133	289
>TET2-R1216ERAGHTCEA/	282	>TET2-R1216EQAGHTCEA/	239	43
>TET2-R1216RERAGHTCE/	274	>TET2-R1216REQAGHTCE/	11772	11498
>TET2-R1216RERAGHTC	631	>TET2-R1216REQAGHTC	161	470
>TET2-R1216RERAGHTC	440	>TET2-R1216REQAGHTC	1058	618

>TET2-R1216 RERAGHTCE/	46	>TET2-R1216 REQAGHTCE/	83	37
>TET2-R1216 RERAGHTC	425	>TET2-R1216 REQAGHTC	120	305
>TET2-R1216 RERAGHTCE	994	>TET2-R1216 REQAGHTCE	300	694
>TET2-R1216 RERAGHTCE/	934	>TET2-R1216 REQAGHTCE/	149	785
>TET2-R1216 RERAGHTCE/	14	>TET2-R1216 REQAGHTCE/	8	6
>TET2-R1216 RERAGHTCE/	379	>TET2-R1216 REQAGHTCE/	799	420
>TET2-R1216 CLVRERAGHT	356	>TET2-R1216 CLVREQAGHT	249	107
>TET2-R1216 LLCLVRERA	166	>TET2-R1216 LLCLVREQA	136	30
>TET2-R1216 LLCLVRER	203	>TET2-R1216 LLCLVREQ	13676	13473
>TET2-R1216 LLCLVRER	244	>TET2-R1216 LLCLVREQ	21788	21544
>TET2-R1216 KLLCLVRERA	352	>TET2-R1216 KLLCLVREQA	325	27
>TET2-R1216 KLLCLVRERA	222	>TET2-R1216 KLLCLVREQA	268	46
>TET2-R1216 KLLCLVRERA	614	>TET2-R1216 KLLCLVREQA	370	244
>TET2-R1216 KLLCLVRER	3373	>TET2-R1216 KLLCLVREQ	345	3028
>TET2-R1216 KLLCLVRERA	19	>TET2-R1216 KLLCLVREQA	16	3
>TET2-R1216 KLLCLVRERA	170	>TET2-R1216 KLLCLVREQA	159	11
>TET2-R1216 KLLCLVRERA	141	>TET2-R1216 KLLCLVREQA	74	67
>TET2-R1216 KLLCLVRERA	300	>TET2-R1216 KLLCLVREQA	230	70
>TET2-R1216 KLLCLVRER	41	>TET2-R1216 KLLCLVREQ	7842	7801
>TET2-R1216 KLLCLVRER	38	>TET2-R1216 KLLCLVREQ	9877	9839
>TET2-R1261 RRCALNEER	336	>TET2-R1261 CRCALNEER	5161	4825
>TET2-R1261 RRCALNEERT	107	>TET2-R1261 CRCALNEERT	2095	1988
>TET2-R1261 RRCALNEE	163	>TET2-R1261 CRCALNEE	8031	7868
>TET2-R1261 RRCALNEER	348	>TET2-R1261 CRCALNEER	16548	16200
>TET2-R1261 RRCALNEERT	283	>TET2-R1261 CRCALNEERT	7448	7165
>TET2-R1261 RRCALNEERT	291	>TET2-R1261 CRCALNEERT	15489	15198
>TET2-R1261 RRCALNEE	297	>TET2-R1261 CRCALNEE	988	691
>TET2-R1261 RRCALNEER	405	>TET2-R1261 CRCALNEER	4852	4447
>TET2-R1261 RRCALNEERT	230	>TET2-R1261 CRCALNEERT	3095	2865
>TET2-R1261 RRCALNEERT	495	>TET2-R1261 CRCALNEERT	8517	8022
>TET2-R1261 RRCALNEER	170	>TET2-R1261 CRCALNEER	1034	864
>TET2-R1261 TLRKYGTLTN	417	>TET2-R1261 TLRKYGTLTN	20513	20096
>TET2-R1261 TLRKYGTLTN	26	>TET2-R1261 TLRKYGTLTN	20252	20226
>TET2-R1261 TLRKYGTLTN	148	>TET2-R1261 TLRKYGTLTN	34098	33950
>TET2-R1261 TNRRCALNEE	1879	>TET2-R1261 TNRCALNEE	386	1493
>TET2-R1261 LTNRRCAL	282	>TET2-R1261 LTNRCAL	860	578
>TET2-R1261 LTNRRCAL	106	>TET2-R1261 LTNRCAL	79	27
>TET2-R1261 TLTNRRCAL	832	>TET2-R1261 TLTNRCAL	193	639
>TET2-R1261 TLTNRRCA	358	>TET2-R1261 TLTNRCRA	346	12
>TET2-R1261 TLTNRRCAL	8	>TET2-R1261 TLTNRCAL	8	0
>TET2-R1261 TLTNRRCAL	31	>TET2-R1261 TLTNRCAL	1607	1576
>TET2-R1261 GTLTNRRCAL	272	>TET2-R1261 GTLTNRCAL	281	9
>TET2-R1261 YGTLTNRR	359	>TET2-R1261 YGTLTNCR	238	121

>TET2-R1261 KYGTLTNR	16	>TET2-R1261 KYGTLTNC	15982	15966
>TET2-R1261 KYGTLNRR	30	>TET2-R1261 KYGTLNCR	25	5
>TET2-R1261 KYGTLTNR	10	>TET2-R1261 KYGTLTNC	8165	8155
>TET2-R1261 KYGTLNRR	9	>TET2-R1261 KYGTLNCR	11	2
>TET2-R1261 RKYGTLTNR	368	>TET2-R1261 RKYGTLTNC	22420	22052
>TET2-R1261 RKYGTLNRR	79	>TET2-R1261 RKYGTLNCR	52	27
>TET2-R1261 RKYGTLTNR	38	>TET2-R1261 RKYGTLTNC	406	368
>TET2-R1261 RKYGTLNRR	190	>TET2-R1261 RKYGTLNCR	60	130
>TET2-R1261 RKYGTLTNR	243	>TET2-R1261 RKYGTLTNC	5816	5573
>TET2-R1261 RKYGTLNRR	345	>TET2-R1261 RKYGTLNCR	306	39
>TET2-R1261 RKYGTLTNR	133	>TET2-R1261 RKYGTLTNC	34638	34505
>TET2-R1261 RKYGTLNRR	87	>TET2-R1261 RKYGTLNCR	158	71
>TET2-R1261 LRKYGTLTNR	198	>TET2-R1261 LRKYGTLTNC	3043	2845
>TET2-R1261 RRCALNEER	336	>TET2-R1261 GRCALNEER	2496	2160
>TET2-R1261 RRCALNEERT	107	>TET2-R1261 GRCALNEERT	1075	968
>TET2-R1261 RRCALNEE	163	>TET2-R1261 GRCALNEE	13010	12847
>TET2-R1261 RRCALNEER	348	>TET2-R1261 GRCALNEER	5993	5645
>TET2-R1261 RRCALNEERT	283	>TET2-R1261 GRCALNEERT	7842	7559
>TET2-R1261 RRCALNEERT	291	>TET2-R1261 GRCALNEERT	5224	4933
>TET2-R1261 RRCALNEE	297	>TET2-R1261 GRCALNEE	6077	5780
>TET2-R1261 RRCALNEER	405	>TET2-R1261 GRCALNEER	1209	804
>TET2-R1261 RRCALNEERT	230	>TET2-R1261 GRCALNEERT	3684	3454
>TET2-R1261 RRCALNEERT	495	>TET2-R1261 GRCALNEERT	2333	1838
>TET2-R1261 RRCALNEER	170	>TET2-R1261 GRCALNEER	5680	5510
>TET2-R1261 TLRKYGTLNR	417	>TET2-R1261 TLRKYGTLNCR	19768	19351
>TET2-R1261 TLRKYGTLNR	26	>TET2-R1261 TLRKYGTLNCR	19384	19358
>TET2-R1261 TLRKYGTLNR	148	>TET2-R1261 TLRKYGTLNCR	32411	32263
>TET2-R1261 LTNRRCAL	282	>TET2-R1261 LTNGRCAL	3708	3426
>TET2-R1261 LTNRRCAL	106	>TET2-R1261 LTNGRCAL	33	73
>TET2-R1261 TLTNRRCAL	1180	>TET2-R1261 TLTNGRCAL	483	697
>TET2-R1261 TLTNRRCAL	982	>TET2-R1261 TLTNGRCAL	229	753
>TET2-R1261 TLTNRRCAL	358	>TET2-R1261 TLTNGRCA	232	126
>TET2-R1261 TLTNRRCAL	8	>TET2-R1261 TLTNGRCAL	4	4
>TET2-R1261 TLTNRRCAL	31	>TET2-R1261 TLTNGRCAL	3202	3171
>TET2-R1261 GTLTNRRCAL	272	>TET2-R1261 GTLTNGRCAL	114	158
>TET2-R1261 YGTLNRR	359	>TET2-R1261 YGTLTNGR	306	53
>TET2-R1261 KYGTLTNR	16	>TET2-R1261 KYGTLTNG	15026	15010
>TET2-R1261 KYGTLNRR	30	>TET2-R1261 KYGTLTNGR	54	24
>TET2-R1261 KYGTLTNR	10	>TET2-R1261 KYGTLTNG	5160	5150
>TET2-R1261 KYGTLNRR	9	>TET2-R1261 KYGTLTNGR	10	1
>TET2-R1261 RKYGTLTNR	368	>TET2-R1261 RKYGTLTNG	22068	21700
>TET2-R1261 RKYGTLNRR	79	>TET2-R1261 RKYGTLTNGR	78	1
>TET2-R1261 RKYGTLNR	38	>TET2-R1261 RKYGTLTNG	1387	1349

>TET2-R1261 RKYGTLNRR	190	>TET2-R1261 RKYGTLNNGF	124	66
>TET2-R1261 RKYGTLNRR	243	>TET2-R1261 RKYGTLNNG	5757	5514
>TET2-R1261 RKYGTLNRR	345	>TET2-R1261 RKYGTLNNGF	549	204
>TET2-R1261 RKYGTLNRR	133	>TET2-R1261 RKYGTLNNG	32826	32693
>TET2-R1261 RKYGTLNRR	87	>TET2-R1261 RKYGTLNNGF	81	6
>TET2-R1261 LRKYGTLNRR	198	>TET2-R1261 LRKYGTLNNG	4383	4185
>TET2-R1261 RRCALNEER	336	>TET2-R1261 LRCALNEER	2430	2094
>TET2-R1261 RRCALNEERT	107	>TET2-R1261 LRCALNEERT	3186	3079
>TET2-R1261 RRCALNEE	163	>TET2-R1261 LRCALNEE	13316	13153
>TET2-R1261 RRCALNEER	348	>TET2-R1261 LRCALNEER	12045	11697
>TET2-R1261 RRCALNEERT	283	>TET2-R1261 LRCALNEERT	13029	12746
>TET2-R1261 RRCALNEERT	291	>TET2-R1261 LRCALNEERT	10964	10673
>TET2-R1261 RRCALNEE	297	>TET2-R1261 LRCALNEE	4098	3801
>TET2-R1261 RRCALNEER	405	>TET2-R1261 LRCALNEER	5514	5109
>TET2-R1261 RRCALNEERT	230	>TET2-R1261 LRCALNEERT	4523	4293
>TET2-R1261 RRCALNEERT	495	>TET2-R1261 LRCALNEERT	8972	8477
>TET2-R1261 RRCALNEER	170	>TET2-R1261 LRCALNEER	1912	1742
>TET2-R1261 NRRCALNEEF	5686	>TET2-R1261 NLRCALNEER	322	5364
>TET2-R1261 TLRKYGTLNR	18192	>TET2-R1261 TLRKYGTLNR	97	18095
>TET2-R1261 TLRKYGTLNR	14197	>TET2-R1261 TLRKYGTLNR	38	14159
>TET2-R1261 TLRKYGTLNR	16078	>TET2-R1261 TLRKYGTLNR	29	16049
>TET2-R1261 TLRKYGTLNR	417	>TET2-R1261 TLRKYGTLNR	15130	14713
>TET2-R1261 TLRKYGTLNR	26	>TET2-R1261 TLRKYGTLNR	12327	12301
>TET2-R1261 TLRKYGTLNR	148	>TET2-R1261 TLRKYGTLNR	21686	21538
>TET2-R1261 LTNRRCAL	282	>TET2-R1261 LTNLRCAL	1300	1018
>TET2-R1261 LTNRRCAL	106	>TET2-R1261 LTNLRCAL	52	54
>TET2-R1261 TLNRRCAL	832	>TET2-R1261 TLNLRCAL	229	603
>TET2-R1261 TLNRRCAL	982	>TET2-R1261 TLNLRCAL	284	698
>TET2-R1261 TLNRRCA	358	>TET2-R1261 TLNLRCA	277	81
>TET2-R1261 TLNRRCAL	8	>TET2-R1261 TLNLRCAL	7	1
>TET2-R1261 TLNRRCAL	31	>TET2-R1261 TLNLRCAL	727	696
>TET2-R1261 GTLTNRRCAL	272	>TET2-R1261 GTLTNLRCAL	177	95
>TET2-R1261 YGTLNRR	359	>TET2-R1261 YGTLNLR	142	217
>TET2-R1261 YGTLNRR	993	>TET2-R1261 YGTLNLR	387	606
>TET2-R1261 KYGTLNRR	14428	>TET2-R1261 KYGTLNL	15	14413
>TET2-R1261 KYGTLNRR	8119	>TET2-R1261 KYGTLNL	474	7645
>TET2-R1261 KYGTLNRR	3297	>TET2-R1261 KYGTLNL	19	3278
>TET2-R1261 KYGTLNRR	16	>TET2-R1261 KYGTLNL	6219	6203
>TET2-R1261 KYGTLNRR	30	>TET2-R1261 KYGTLNLR	18	12
>TET2-R1261 KYGTLNRR	10	>TET2-R1261 KYGTLNL	2310	2300
>TET2-R1261 KYGTLNRR	9	>TET2-R1261 KYGTLNLR	9	0
>TET2-R1261 RKYGTLNRR	368	>TET2-R1261 RKYGTLNL	18732	18364
>TET2-R1261 RKYGTLNRR	79	>TET2-R1261 RKYGTLNLR	58	21

>TET2-R1261 RKYGTLTNR	38	>TET2-R1261 RKYGTLTNL	9	29
>TET2-R1261 RKYGTLNRR	190	>TET2-R1261 RKYGTLNLR	138	52
>TET2-R1261 RKYGTLTNR	243	>TET2-R1261 RKYGTLTNL	220	23
>TET2-R1261 RKYGTLNRR	345	>TET2-R1261 RKYGTLNLR	302	43
>TET2-R1261 RKYGTLTNR	15352	>TET2-R1261 RKYGTLTNL	138	15214
>TET2-R1261 RKYGTLTNR	3907	>TET2-R1261 RKYGTLTNL	223	3684
>TET2-R1261 RKYGTLTNR	7276	>TET2-R1261 RKYGTLTNL	401	6875
>TET2-R1261 RKYGTLTNR	133	>TET2-R1261 RKYGTLTNL	28954	28821
>TET2-R1261 RKYGTLNRR	87	>TET2-R1261 RKYGTLNLR	58	29
>TET2-R1261 LRKYGTLTNR	1293	>TET2-R1261 LRKYGTLTNL	147	1146
>TET2-R1261 LRKYGTLTNR	198	>TET2-R1261 LRKYGTLTNL	59	139
>TET2-R1261 LRKYGTLTNR	743	>TET2-R1261 LRKYGTLTNL	99	644
>TET2-R1302 RSKIPRKF	138	>TET2-R1302 GSKIPRKF	1149	1011
>TET2-R1302 RSKIPRKF	170	>TET2-R1302 GSKIPRKF	276	106
>TET2-R1302 RSKIPRKF	3	>TET2-R1302 GSKIPRKF	7	4
>TET2-R1302 RSKIPRKF	27	>TET2-R1302 GSKIPRKF	1887	1860
>TET2-R1302 RSKIPRKF	16	>TET2-R1302 GSKIPRKF	1093	1077
>TET2-R1302 RSKIPRKF	23	>TET2-R1302 GSKIPRKF	189	166
>TET2-R1302 RSKIPRKF	44	>TET2-R1302 GSKIPRKF	969	925
>TET2-R1302 RSKIPRKF	3	>TET2-R1302 GSKIPRKF	16	13
>TET2-R1302 RSKIPRKF	6	>TET2-R1302 GSKIPRKF	92	86
>TET2-R1302 RSKIPRKF	12	>TET2-R1302 GSKIPRKF	459	447
>TET2-R1302 RSKIPRKF	96	>TET2-R1302 GSKIPRKF	2212	2116
>TET2-R1302 RSKIPRKF	451	>TET2-R1302 GSKIPRKF	1327	876
>TET2-R1302 RSKIPRKF	53	>TET2-R1302 GSKIPRKF	1608	1555
>TET2-R1302 RSKIPRKF	152	>TET2-R1302 GSKIPRKF	1012	860
>TET2-R1302 RSKIPRKF	166	>TET2-R1302 GSKIPRKF	220	54
>TET2-R1302 RSKIPRKF	469	>TET2-R1302 GSKIPRKF	4092	3623
>TET2-R1302 ARSKIPRKF	2320	>TET2-R1302 AGSKIPRKF	460	1860
>TET2-R1302 ARSKIPRKF	72	>TET2-R1302 AGSKIPRKF	2436	2364
>TET2-R1302 ARSKIPRKF	112	>TET2-R1302 AGSKIPRKF	22018	21906
>TET2-R1302 ARSKIPRKF	94	>TET2-R1302 AGSKIPRKF	19863	19769
>TET2-R1302 ARSKIPRKF	64	>TET2-R1302 AGSKIPRKF	21228	21164
>TET2-R1302 ARSKIPRKF	230	>TET2-R1302 AGSKIPRKF	24670	24440
>TET2-R1302 ARSKIPRKF	76	>TET2-R1302 AGSKIPRKF	23705	23629
>TET2-R1302 ARSKIPRKF	42	>TET2-R1302 AGSKIPRKF	19994	19952
>TET2-R1302 SMYYNGCKF,	1780	>TET2-R1302 SMYYNGCKF,	356	1424
>TET2-R1302 SMYYNGCKF,	130	>TET2-R1302 SMYYNGCKF,	17204	17074
>TET2-R1302 SMYYNGCKF,	62	>TET2-R1302 SMYYNGCKF,	17048	16986
>TET2-R1302 SMYYNGCKF,	8	>TET2-R1302 SMYYNGCKF,	6218	6210
>TET2-R1302 SMYYNGCKF,	217	>TET2-R1302 SMYYNGCKF,	23275	23058
>TET2-R1302 SMYYNGCKF,	35	>TET2-R1302 SMYYNGCKF,	27802	27767
>TET2-R1302 SMYYNGCKF,	199	>TET2-R1302 SMYYNGCKF,	2200	2001

>TET2-R1302SMYYNGCKF,	54	>TET2-R1302SMYYNGCKF,	27141	27087
>TET2-R1302FARSKIPRK	49	>TET2-R1302FAGSKIPRK	10204	10155
>TET2-R1302FARSKIPRKF	20	>TET2-R1302FAGSKIPRKF	7149	7129
>TET2-R1302FARSKIPR	67	>TET2-R1302FAGSKIPR	439	372
>TET2-R1302FARSKIPR	79	>TET2-R1302FAGSKIPR	583	504
>TET2-R1302FARSKIPR	163	>TET2-R1302FAGSKIPR	125	38
>TET2-R1302FARSKIPRK	680	>TET2-R1302FAGSKIPRK	412	268
>TET2-R1302FARSKIPRKF	324	>TET2-R1302FAGSKIPRKF	206	118
>TET2-R1302FARSKIPRKF	36	>TET2-R1302FAGSKIPRKF	593	557
>TET2-R1302FARSKIPRKF	13	>TET2-R1302FAGSKIPRKF	238	225
>TET2-R1302FARSKIPRKF	200	>TET2-R1302FAGSKIPRKF	593	393
>TET2-R1302FARSKIPR	1198	>TET2-R1302FAGSKIPR	407	791
>TET2-R1302KFARSKIPRKF	163	>TET2-R1302KFAGSKIPRKF	217	54
>TET2-R1302KFARSKIPRKF	231	>TET2-R1302KFAGSKIPRKF	379	148
>TET2-R1302KFARSKIPRKF	103	>TET2-R1302KFAGSKIPRKF	106	3
>TET2-R1302KFARSKIPR	367	>TET2-R1302KFAGSKIPR	1668	1301
>TET2-R1302KFARSKIPRK	19	>TET2-R1302KFAGSKIPRK	47	28
>TET2-R1302KFARSKIPR	6	>TET2-R1302KFAGSKIPR	9	3
>TET2-R1302KFARSKIPRK	226	>TET2-R1302KFAGSKIPRK	187	39
>TET2-R1302KFARSKIPR	15	>TET2-R1302KFAGSKIPR	11	4
>TET2-R1302KFARSKIPRK	383	>TET2-R1302KFAGSKIPRK	243	140
>TET2-R1302CKFARSKIPR	196	>TET2-R1302CKFAGSKIPR	569	373
>TET2-R1302CKFARSKI	59	>TET2-R1302CKFAGSKI	33	26
>TET2-R1302CKFARSKIPR	125	>TET2-R1302CKFAGSKIPR	116	9
>TET2-R1302CKFARSKIPR	73	>TET2-R1302CKFAGSKIPR	104	31
>TET2-R1302CKFARSKI	94	>TET2-R1302CKFAGSKI	57	37
>TET2-R1302GCKFARSK	46	>TET2-R1302GCKFAGSK	106	60
>TET2-R1302GCKFARSKIPI	107	>TET2-R1302GCKFAGSKIPI	355	248
>TET2-R1302GCKFARSKI	261	>TET2-R1302GCKFAGSKI	133	128
>TET2-R1302YNGCKFAR	182	>TET2-R1302YNGCKFAG	34315	34133
>TET2-R1302YYNGCKFAR	9	>TET2-R1302YYNGCKFAG	11527	11518
>TET2-R1302YYNGCKFAR	18	>TET2-R1302YYNGCKFAG	12633	12615
>TET2-R1302YYNGCKFAR	194	>TET2-R1302YYNGCKFAG	36385	36191
>TET2-R1302YYNGCKFAR	16	>TET2-R1302YYNGCKFAG	17529	17513
>TET2-R1302YYNGCKFARS	311	>TET2-R1302YYNGCKFAGS	305	6
>TET2-R1302MYYNGCKFA	8	>TET2-R1302MYYNGCKFA	7099	7091
>TET2-R1302MYYNGCKFA	28	>TET2-R1302MYYNGCKFA	8359	8331
>TET2-R1302MYYNGCKFA	209	>TET2-R1302MYYNGCKFA	37134	36925
>TET2-R1302MYYNGCKFA	296	>TET2-R1302MYYNGCKFA	29165	28869
>TET2-R1302MYYNGCKFA	23	>TET2-R1302MYYNGCKFA	13073	13050
>TET2-R1359RLGLKEGR	194	>TET2-R1359CLGLKEGR	3758	3564
>TET2-R1359RLGLKEGRPF	234	>TET2-R1359CLGLKEGRPF	2200	1966
>TET2-R1359RLGLKEGR	143	>TET2-R1359CLGLKEGR	463	320

>TET2-R1359CRLGLKEGRP	174	>TET2-R1359CCLGLKEGRP	2009	1835
>TET2-R1359CRLGLKEGR	172	>TET2-R1359CCLGLKEGR	24039	23867
>TET2-R1359CRLGLKEGRP	158	>TET2-R1359CCLGLKEGRP	21000	20842
>TET2-R1359CRLGLKEGR	285	>TET2-R1359CCLGLKEGR	104	181
>TET2-R1359IEYEHRAPECF	452	>TET2-R1359IEYEHRAPECC	63	389
>TET2-R1359APECRGLGL	42	>TET2-R1359APECCLGL	126	84
>TET2-R1359RAPECRLGL	1582	>TET2-R1359RAPECCLGL	303	1279
>TET2-R1359RAPECRLGLK	315	>TET2-R1359RAPECCLGLK	348	33
>TET2-R1359RAPECRLGLK	393	>TET2-R1359RAPECCLGLK	1942	1549
>TET2-R1359RAPECRLGL	674	>TET2-R1359RAPECCLGL	386	288
>TET2-R1359RAPECRLGL	53	>TET2-R1359RAPECCLGL	21	32
>TET2-R1359RAPECRLGL	474	>TET2-R1359RAPECCLGL	981	507
>TET2-R1359HRAPECRLGL	46	>TET2-R1359HRAPECCLGL	48	2
>TET2-R1359HRAPECRLGL	235	>TET2-R1359HRAPECCLGL	414	179
>TET2-R1359HRAPECRL	535	>TET2-R1359HRAPECCL	127	408
>TET2-R1359HRAPECRLGL	187	>TET2-R1359HRAPECCLGL	266	79
>TET2-R1359HRAPECRLGL	156	>TET2-R1359HRAPECCLGL	185	29
>TET2-R1359HRAPECRLGL	272	>TET2-R1359HRAPECCLGL	232	40
>TET2-R1359HRAPECRLGL	359	>TET2-R1359HRAPECCLGL	520	161
>TET2-R1359YEHRAPECRL	850	>TET2-R1359YEHRAPECCL	271	579
>TET2-R1359YEHRAPECR	2219	>TET2-R1359YEHRAPECC	327	1892
>TET2-R1359EYEHRAPECR	281	>TET2-R1359EYEHRAPECC	35919	35638
>TET2-R1359RLGLKEGR	194	>TET2-R1359HLGLKEGR	885	691
>TET2-R1359RLGLKEGRPF	234	>TET2-R1359HLGLKEGRPF	620	386
>TET2-R1359RLGLKEGR	143	>TET2-R1359HLGLKEGR	146	3
>TET2-R1359CRLGLKEGRP	174	>TET2-R1359CHLGLKEGRP	338	164
>TET2-R1359CRLGLKEGR	172	>TET2-R1359CHLGLKEGR	18409	18237
>TET2-R1359CRLGLKEGRP	158	>TET2-R1359CHLGLKEGRP	15492	15334
>TET2-R1359CRLGLKEGR	285	>TET2-R1359CHLGLKEGR	279	6
>TET2-R1359IEYEHRAPECF	516	>TET2-R1359IEYEHRAPECF	195	321
>TET2-R1359IEYEHRAPECF	452	>TET2-R1359IEYEHRAPECF	1809	1357
>TET2-R1359APECRGLGL	42	>TET2-R1359APECHLGL	68	26
>TET2-R1359RAPECRLGLK	315	>TET2-R1359RAPECHLGLK	420	105
>TET2-R1359RAPECRLGLK	393	>TET2-R1359RAPECHLGLK	354	39
>TET2-R1359RAPECRLGL	674	>TET2-R1359RAPECHLGL	164	510
>TET2-R1359RAPECRLGL	53	>TET2-R1359RAPECHLGL	10	43
>TET2-R1359RAPECRLGL	474	>TET2-R1359RAPECHLGL	893	419
>TET2-R1359HRAPECRLGL	46	>TET2-R1359HRAPECHLGL	28	18
>TET2-R1359HRAPECRLGL	235	>TET2-R1359HRAPECHLGL	228	7
>TET2-R1359HRAPECRL	535	>TET2-R1359HRAPECHL	429	106
>TET2-R1359HRAPECRLGL	187	>TET2-R1359HRAPECHLGL	77	110
>TET2-R1359HRAPECRLGL	156	>TET2-R1359HRAPECHLGL	136	20
>TET2-R1359HRAPECRLGL	272	>TET2-R1359HRAPECHLGL	162	110



>TET2-R1359 HRAPECRLGL	359	>TET2-R1359 HRAPECHLGL	361	2
>TET2-R1359 EYEHRAPECR	281	>TET2-R1359 EYEHRAPECH	29679	29398
>TET2-R1359 RLGLKEGR	194	>TET2-R1359 PLGLKEGR	11556	11362
>TET2-R1359 RLGLKEGRPF	234	>TET2-R1359 PLGLKEGRPF	7115	6881
>TET2-R1359 RLGLKEGR	143	>TET2-R1359 PLGLKEGR	1851	1708
>TET2-R1359 CRLGLKEGRP	23683	>TET2-R1359 CPLGLKEGRP	209	23474
>TET2-R1359 CRLGLKEGRP	174	>TET2-R1359 CPLGLKEGRP	2167	1993
>TET2-R1359 CRLGLKEGR	172	>TET2-R1359 CPLGLKEGR	23710	23538
>TET2-R1359 CRLGLKEGRP	158	>TET2-R1359 CPLGLKEGRP	20426	20268
>TET2-R1359 CRLGLKEGRP	15710	>TET2-R1359 CPLGLKEGRP	49	15661
>TET2-R1359 CRLGLKEGRP	29168	>TET2-R1359 CPLGLKEGRP	269	28899
>TET2-R1359 CRLGLKEGRP	22917	>TET2-R1359 CPLGLKEGRP	414	22503
>TET2-R1359 CRLGLKEGR	285	>TET2-R1359 CPLGLKEGR	310	25
>TET2-R1359 IEYEHRAPECF	452	>TET2-R1359 IEYEHRAPECF	555	103
>TET2-R1359 APECRLGL	42	>TET2-R1359 APECPLGL	161	119
>TET2-R1359 RAPECRLGLK	315	>TET2-R1359 RAPECPLGLK	298	17
>TET2-R1359 RAPECRLGLK	522	>TET2-R1359 RAPECPLGLK	333	189
>TET2-R1359 RAPECRLGLK	393	>TET2-R1359 RAPECPLGLK	974	581
>TET2-R1359 RAPECRLGL	674	>TET2-R1359 RAPECPLGL	266	408
>TET2-R1359 RAPECRLGL	53	>TET2-R1359 RAPECPLGL	67	14
>TET2-R1359 RAPECRLGL	474	>TET2-R1359 RAPECPLGL	651	177
>TET2-R1359 HRAPECRLGL	46	>TET2-R1359 HRAPECPLGL	22	24
>TET2-R1359 HRAPECRLGL	235	>TET2-R1359 HRAPECPLGL	373	138
>TET2-R1359 HRAPECRL	535	>TET2-R1359 HRAPECPL	54	481
>TET2-R1359 HRAPECRLGL	187	>TET2-R1359 HRAPECPLGL	100	87
>TET2-R1359 HRAPECRL	1123	>TET2-R1359 HRAPECPL	473	650
>TET2-R1359 HRAPECRLGL	156	>TET2-R1359 HRAPECPLGL	114	42
>TET2-R1359 HRAPECRLGL	272	>TET2-R1359 HRAPECPLGL	122	150
>TET2-R1359 HRAPECRLGL	359	>TET2-R1359 HRAPECPLGL	620	261
>TET2-R1359 YEHRAPCRL	850	>TET2-R1359 YEHRAPCPL	350	500
>TET2-R1359 YEHRAPCRL	1454	>TET2-R1359 YEHRAPCPL	256	1198
>TET2-R1359 YEHRAPCRL	3675	>TET2-R1359 YEHRAPCPL	400	3275
>TET2-R1359 EYEHRAPECR	281	>TET2-R1359 EYEHRAPECP	34402	34121
>TET2-R1366 RPFSGVTACL	57	>TET2-R1366 HPFSGVTACL	77	20
>TET2-R1366 RPFSGVTA	124	>TET2-R1366 HPFSGVTA	544	420
>TET2-R1366 RPFSGVTAC	138	>TET2-R1366 HPFSGVTAC	485	347
>TET2-R1366 RPFSGVTACL	57	>TET2-R1366 HPFSGVTACL	272	215
>TET2-R1366 RPFSGVTACL	242	>TET2-R1366 HPFSGVTACL	878	636
>TET2-R1366 RPFSGVTA	1414	>TET2-R1366 HPFSGVTA	83	1331
>TET2-R1366 RPFSGVTAC	944	>TET2-R1366 HPFSGVTAC	44	900
>TET2-R1366 RPFSGVTACL	3907	>TET2-R1366 HPFSGVTACL	400	3507
>TET2-R1366 RPFSGVTACL	35	>TET2-R1366 HPFSGVTACL	10	25
>TET2-R1366 RPFSGVTA	181	>TET2-R1366 HPFSGVTA	24	157

>TET2-R1366 RPFSGVTA	1119	>TET2-R1366 HPFSGVTA	438	681
>TET2-R1366 RPFSGVTACL	1120	>TET2-R1366 HPFSGVTACL	383	737
>TET2-R1366 RPFSGVTACL	640	>TET2-R1366 HPFSGVTACL	268	372
>TET2-R1366 GRPFSGVTA	46	>TET2-R1366 GHPFSGVTA	8844	8798
>TET2-R1366 EGRPFSGV	1485	>TET2-R1366 EGHPFSGV	49	1436
>TET2-R1366 KEGRPFSGV	89	>TET2-R1366 KEGHPFSGV	138	49
>TET2-R1366 KEGRPFSGVT	28	>TET2-R1366 KEGHPFSGVT	32	4
>TET2-R1366 KEGRPFSGV	37	>TET2-R1366 KEGHPFSGV	36	1
>TET2-R1366 GLKEGRPFSG	212	>TET2-R1366 GLKEGHPFSG	111	101
>TET2-R1366 GLKEGRPFSG	5	>TET2-R1366 GLKEGHPFSG	3	2
>TET2-R1366 GLKEGRPFSG	113	>TET2-R1366 GLKEGHPFSG	65	48
>TET2-R1366 GLKEGRPFSG	15	>TET2-R1366 GLKEGHPFSG	6	9
>TET2-R1366 GLKEGRPFSG	21	>TET2-R1366 GLKEGHPFSG	11	10
>TET2-R1366 GLKEGRPFSG	27	>TET2-R1366 GLKEGHPFSG	19	8
>TET2-R1366 GLKEGRPFSG	963	>TET2-R1366 GLKEGHPFSG	346	617
>TET2-R1366 GLKEGRPFSG	2	>TET2-R1366 GLKEGHPFSG	2	0
>TET2-R1366 GLKEGRPF	63	>TET2-R1366 GLKEGHPF	48	15
>TET2-R1366 GLKEGRPF	132	>TET2-R1366 GLKEGHPF	76	56
>TET2-R1366 GLKEGRPF	235	>TET2-R1366 GLKEGHPF	173	62
>TET2-R1366 LGLKEGRPF	649	>TET2-R1366 LGLKEGHPF	415	234
>TET2-R1366 LGLKEGRPF	121	>TET2-R1366 LGLKEGHPF	87	34
>TET2-R1366 LGLKEGRPF	975	>TET2-R1366 LGLKEGHPF	262	713
>TET2-R1366 RLGLKEGR	194	>TET2-R1366 RLGLKEGH	11191	10997
>TET2-R1366 RLGLKEGRPF	234	>TET2-R1366 RLGLKEGHPF	149	85
>TET2-R1366 RLGLKEGR	143	>TET2-R1366 RLGLKEGH	27041	26898
>TET2-R1366 CRLGLKEGRP	174	>TET2-R1366 CRLGLKEGHP	156	18
>TET2-R1366 CRLGLKEGR	172	>TET2-R1366 CRLGLKEGH	438	266
>TET2-R1366 CRLGLKEGRP	158	>TET2-R1366 CRLGLKEGHP	122	36
>TET2-R1366 CRLGLKEGR	285	>TET2-R1366 CRLGLKEGH	33060	32775
>TET2-R1465 RQRKLEAKK	334	>TET2-R1465 QQRKLEAKK	4063	3729
>TET2-R1465 RQRKLEAK	8	>TET2-R1465 QQRKLEAK	201	193
>TET2-R1465 RQRKLEAKK	7	>TET2-R1465 QQRKLEAKK	122	115
>TET2-R1465 RQRKLEAKKA	131	>TET2-R1465 QQRKLEAKK/	4701	4570
>TET2-R1465 RQRKLEAKKA	36	>TET2-R1465 QQRKLEAKK/	1822	1786
>TET2-R1465 RQRKLEAK	117	>TET2-R1465 QQRKLEAK	3652	3535
>TET2-R1465 RQRKLEAKK	111	>TET2-R1465 QQRKLEAKK	3459	3348
>TET2-R1465 RQRKLEAK	168	>TET2-R1465 QQRKLEAK	937	769
>TET2-R1465 RQRKLEAKKA	147	>TET2-R1465 QQRKLEAKK/	687	540
>TET2-R1465 RQRKLEAKK	223	>TET2-R1465 QQRKLEAKK	4139	3916
>TET2-R1465 CRQRKLEAK	329	>TET2-R1465 CQQRKLEAK	7647	7318
>TET2-R1465 CRQRKLEAK	247	>TET2-R1465 CQQRKLEAK	14548	14301
>TET2-R1465 CRQRKLEA	436	>TET2-R1465 CQQRKLEA	6207	5771
>TET2-R1465 CRQRKLEAKK	488	>TET2-R1465 CQQRKLEAK	12007	11519

>TET2-R1465 CRQRKLEAKK	305	>TET2-R1465 CQQRKLEAKK	8711	8406
>TET2-R1465 RMLAEPVKTC	341	>TET2-R1465 RMLAEPVKTC	12758	12417
>TET2-R1465 RMLAEPVKTC	12	>TET2-R1465 RMLAEPVKTC	3940	3928
>TET2-R1465 RMLAEPVKTC	367	>TET2-R1465 RMLAEPVKTC	1550	1183
>TET2-R1465 RMLAEPVKTC	41	>TET2-R1465 RMLAEPVKTC	3222	3181
>TET2-R1465 TCRQRKLEAK	268	>TET2-R1465 TCQQRKLEAK	10851	10583
>TET2-R1465 TCRQRKLEAK	184	>TET2-R1465 TCQQRKLEAK	10877	10693
>TET2-R1465 KTCRQRKLEA	385	>TET2-R1465 KTCQQRKLEA	955	570
>TET2-R1465 KTCRQRKLEA	55	>TET2-R1465 KTCQQRKLEA	93	38
>TET2-R1465 KTCRQRKRL	238	>TET2-R1465 KTCQQRKRL	1325	1087
>TET2-R1465 KTCRQRKLEA	45	>TET2-R1465 KTCQQRKLEA	276	231
>TET2-R1465 KTCRQRKLEA	13	>TET2-R1465 KTCQQRKLEA	50	37
>TET2-R1465 KTCRQRKLEA	41	>TET2-R1465 KTCQQRKLEA	167	126
>TET2-R1465 KTCRQRKRL	383	>TET2-R1465 KTCQQRKRL	451	68
>TET2-R1465 KTCRQRKRL	48	>TET2-R1465 KTCQQRKRL	24	24
>TET2-R1465 KTCRQRKRL	432	>TET2-R1465 KTCQQRKRL	346	86
>TET2-R1465 PVKTCRQRK	62	>TET2-R1465 PVKTCQQRK	158	96
>TET2-R1465 EPVKTCRQR	228	>TET2-R1465 EPVKTCQQR	132	96
>TET2-R1465 LAEPVKTCR	138	>TET2-R1465 LAEPVKTCQ	18558	18420
>TET2-R1465 LAEPVKTCRQ	638	>TET2-R1465 LAEPVKTCQC	467	171
>TET2-R1465 LAEPVKTCR	109	>TET2-R1465 LAEPVKTCQ	13533	13424
>TET2-R1465 LAEPVKTCRQ	241	>TET2-R1465 LAEPVKTCQC	176	65
>TET2-R1465 MLAEPVKTCF	327	>TET2-R1465 MLAEPVKTC	243	84
>TET2-R1465 MLAEPVKTCF	118	>TET2-R1465 MLAEPVKTC	96	22
>TET2-R1465 MLAEPVKTCF	902	>TET2-R1465 MLAEPVKTC	439	463
>TET2-R1465 MLAEPVKTCF	3580	>TET2-R1465 MLAEPVKTC	45	3535
>TET2-R1465 MLAEPVKTCF	9	>TET2-R1465 MLAEPVKTC	8	1
>TET2-R1465 MLAEPVKTCF	101	>TET2-R1465 MLAEPVKTC	18205	18104
>TET2-R1465 MLAEPVKTCF	233	>TET2-R1465 MLAEPVKTC	21454	21221
>TET2-R1465 MLAEPVKTCF	40	>TET2-R1465 MLAEPVKTC	25914	25874
>TET2-R1660 RYPSQDPL	389	>TET2-R1660 GYPSQDPL	3018	2629
>TET2-R1660 RYPSQDPLSK	265	>TET2-R1660 GYPSQDPLSK	2471	2206
>TET2-R1660 RYPSQDPL	7	>TET2-R1660 GYPSQDPL	25	18
>TET2-R1660 RYPSQDPLSK	212	>TET2-R1660 GYPSQDPLSK	1680	1468
>TET2-R1660 RYPSQDPLSK	5	>TET2-R1660 GYPSQDPLSK	13	8
>TET2-R1660 RYPSQDPLSK	81	>TET2-R1660 GYPSQDPLSK	3664	3583
>TET2-R1660 RYPSQDPLSK	74	>TET2-R1660 GYPSQDPLSK	2787	2713
>TET2-R1660 RYPSQDPLSK	386	>TET2-R1660 GYPSQDPLSK	1103	717
>TET2-R1660 YRYPQDPL	2288	>TET2-R1660 YGYPSQDPL	230	2058
>TET2-R1660 YRYPQDPL	18	>TET2-R1660 YGYPSQDPL	379	361
>TET2-R1660 YRYPQDPLS	91	>TET2-R1660 YGYPSQDPLS	1774	1683
>TET2-R1660 YRYPQDPL	219	>TET2-R1660 YGYPSQDPL	1877	1658
>TET2-R1660 YRYPQDPL	11494	>TET2-R1660 YGYPSQDPL	83	11411

>TET2-R1660 YRYPSQDPL	84	>TET2-R1660 YGYPSQDPL	21377	21293
>TET2-R1660 YRYPSQDPLS	42	>TET2-R1660 YGYPSQDPLS	19710	19668
>TET2-R1660 YRYPSQDPL	4391	>TET2-R1660 YGYPSQDPL	197	4194
>TET2-R1660 YRYPSQDPL	19	>TET2-R1660 YGYPSQDPL	1134	1115
>TET2-R1660 YRYPSQDPL	140	>TET2-R1660 YGYPSQDPL	29636	29496
>TET2-R1660 YRYPSQDPLS	338	>TET2-R1660 YGYPSQDPLS	33615	33277
>TET2-R1660 YRYPSQDPL	476	>TET2-R1660 YGYPSQDPL	6337	5861
>TET2-R1660 SPQSQPMDL	185	>TET2-R1660 SPQSQPMDL	31203	31018
>TET2-R1660 LYRYPSQDPL	184	>TET2-R1660 LYGYPQDPL	40	144
>TET2-R1660 LYRYPSQDPL	107	>TET2-R1660 LYGYPQDPL	13824	13717
>TET2-R1660 LYRYPSQDPL	197	>TET2-R1660 LYGYPQDPL	15086	14889
>TET2-R1660 LYRYPSQDPL	260	>TET2-R1660 LYGYPQDPL	220	40
>TET2-R1660 DLYRYPSQDP	670	>TET2-R1660 DLYGYPSQDF	204	466
>TET2-R1660 DLYRYPSQDP	48	>TET2-R1660 DLYGYPSQDF	23	25
>TET2-R1660 DLYRYPSQDP	244	>TET2-R1660 DLYGYPSQDF	86	158
>TET2-R1660 DLYRYPSQDP	1910	>TET2-R1660 DLYGYPSQDF	360	1550
>TET2-R1660 DLYRYPSQ	865	>TET2-R1660 DLYGYPSQ	254	611
>TET2-R1660 DLYRYPSQDP	74	>TET2-R1660 DLYGYPSQDF	32	42
>TET2-R1660 DLYRYPSQDP	463	>TET2-R1660 DLYGYPSQDF	336	127
>TET2-R1660 QPMDLYRY	442	>TET2-R1660 QPMDLYGY	504	62
>TET2-R1660 QPMDLYRYP	240	>TET2-R1660 QPMDLYGYP	335	95
>TET2-R1660 QPMDLYRY	19	>TET2-R1660 QPMDLYGY	16	3
>TET2-R1660 QPMDLYRY	54	>TET2-R1660 QPMDLYGY	104	50
>TET2-R1660 QPMDLYRYP	359	>TET2-R1660 QPMDLYGYP	132	227
>TET2-R1660 QPMDLYRY	49	>TET2-R1660 QPMDLYGY	618	569
>TET2-R1660 QPMDLYRY	320	>TET2-R1660 QPMDLYGY	982	662
>TET2-R1660 SQPMDLYRY	414	>TET2-R1660 SQPMDLYGY	428	14
>TET2-R1660 SQPMDLYRY	61	>TET2-R1660 SQPMDLYGY	60	1
>TET2-R1660 SQPMDLYR	369	>TET2-R1660 SQPMDLYG	22449	22080
>TET2-R1660 SQPMDLYRY	269	>TET2-R1660 SQPMDLYGY	169	100
>TET2-R1660 SQPMDLYR	74	>TET2-R1660 SQPMDLYG	28284	28210
>TET2-R1660 QSQPMDLYR	175	>TET2-R1660 QSQPMDLYG	124	51
>TET2-R1660 QSQPMDLYR	177	>TET2-R1660 QSQPMDLYG	22536	22359
>TET2-R1660 QSQPMDLYR	466	>TET2-R1660 QSQPMDLYG	509	43
>TET2-R1660 QSQPMDLYR	634	>TET2-R1660 QSQPMDLYG	499	135
>TET2-R1660 QSQPMDLYR	35	>TET2-R1660 QSQPMDLYG	51	16
>TET2-R1660 QSQPMDLYR	65	>TET2-R1660 QSQPMDLYG	20031	19966
>TET2-R1660 QSQPMDLYR	134	>TET2-R1660 QSQPMDLYG	36736	36602
>TET2-R1660 QSQPMDLYR	667	>TET2-R1660 QSQPMDLYG	441	226
>TET2-R1660 QSQPMDLYR	10	>TET2-R1660 QSQPMDLYG	11	1
>TET2-R1660 QSQPMDLYR	485	>TET2-R1660 QSQPMDLYG	971	486
>TET2-R1660 QSQPMDLYR	157	>TET2-R1660 QSQPMDLYG	133	24
>TET2-R1660 QSQPMDLYR	283	>TET2-R1660 QSQPMDLYG	18761	18478

>TET2-R1660 QSQPMDLYR	90	>TET2-R1660 QSQPMDLYG	31958	31868
>TET2-R1660 PQSQPMDLY	200	>TET2-R1660 PQSQPMDLY	206	6
>TET2-R1660 PQSQPMDLY	161	>TET2-R1660 PQSQPMDLY	31730	31569
>TET2-R1878 RELHATTP	5350	>TET2-R1878 HELHATTP	305	5045
>TET2-R1878 RELHATTPL	109	>TET2-R1878 HELHATTPL	35	74
>TET2-R1878 RELHATTPLK	159	>TET2-R1878 HELHATTPLK	561	402
>TET2-R1878 RELHATTPL	312	>TET2-R1878 HELHATTPL	3766	3454
>TET2-R1878 RELHATTPL	48	>TET2-R1878 HELHATTPL	171	123
>TET2-R1878 RELHATTPL	637	>TET2-R1878 HELHATTPL	70	567
>TET2-R1878 RELHATTPL	740	>TET2-R1878 HELHATTPL	51	689
>TET2-R1878 RELHATTPL	7	>TET2-R1878 HELHATTPL	8	1
>TET2-R1878 RELHATTPL	12	>TET2-R1878 HELHATTPL	12	0
>TET2-R1878 RELHATTPL	530	>TET2-R1878 HELHATTPL	481	49
>TET2-R1878 RELHATTPL	138	>TET2-R1878 HELHATTPL	1272	1134
>TET2-R1878 RELHATTPL	6	>TET2-R1878 HELHATTPL	9	3
>TET2-R1878 KRELHATTPL	108	>TET2-R1878 KHELHATTPL	9279	9171
>TET2-R1878 KRELHATTPL	462	>TET2-R1878 KHELHATTPL	156	306
>TET2-R1878 KRELHATT	453	>TET2-R1878 KHELHATT	19823	19370
>TET2-R1878 KRELHATTPL	79	>TET2-R1878 KHELHATTPL	10172	10093
>TET2-R1878 KRELHATTPLI	335	>TET2-R1878 KHELHATTPL	14472	14137
>TET2-R1878 KRELHATTPL	174	>TET2-R1878 KHELHATTPL	20125	19951
>TET2-R1878 KRELHATTPLI	65	>TET2-R1878 KHELHATTPL	11256	11191
>TET2-R1878 HGSILIECAKR	414	>TET2-R1878 HGSILIECAKH	24463	24049
>TET2-R1878 HGSILIECAKR	345	>TET2-R1878 HGSILIECAKH	28825	28480
>TET2-R1878 AKRELHATTP	13	>TET2-R1878 AKHELHATTP	19	6
>TET2-R1878 AKRELHATTP	2019	>TET2-R1878 AKHELHATTP	96	1923
>TET2-R1878 IECAKREL	599	>TET2-R1878 IECAKHEL	148	451
>TET2-R1878 IECAKREL	155	>TET2-R1878 IECAKHEL	30	125
>TET2-R1878 LIECAKREL	8462	>TET2-R1878 LIECAKHEL	213	8249
>TET2-R1878 ILIECAKREL	540	>TET2-R1878 ILIECAKHEL	177	363
>TET2-R1878 ILIECAKREL	79	>TET2-R1878 ILIECAKHEL	31	48
>TET2-R1878 ILIECAKREL	183	>TET2-R1878 ILIECAKHEL	134	49
>TET2-R1878 ILIECAKREL	29	>TET2-R1878 ILIECAKHEL	11	18
>TET2-R1878 ILIECAKREL	61	>TET2-R1878 ILIECAKHEL	8	53
>TET2-R1878 ILIECAKREL	586	>TET2-R1878 ILIECAKHEL	52	534
>TET2-R1878 ILIECAKREL	852	>TET2-R1878 ILIECAKHEL	54	798
>TET2-R1878 ILIECAKREL	13	>TET2-R1878 ILIECAKHEL	4	9
>TET2-R1878 ILIECAKR	481	>TET2-R1878 ILIECAKH	24890	24409
>TET2-R1878 ILIECAKR	111	>TET2-R1878 ILIECAKH	15129	15018
>TET2-R1878 ILIECAKR	148	>TET2-R1878 ILIECAKH	28488	28340
>TET2-R1878 SILIECAKREL	827	>TET2-R1878 SILIECAKHEL	207	620
>TET2-R1878 SILIECAKREL	1385	>TET2-R1878 SILIECAKHEL	168	1217
>TET2-R1878 SILIECAKREL	1171	>TET2-R1878 SILIECAKHEL	61	1110

>TET2-R1878 SILIECAKR	346	>TET2-R1878 SILIECAKH	22094	21748
>TET2-R1878 SILIECAKR	238	>TET2-R1878 SILIECAKH	25665	25427
>TET2-R1878 GSILIECAKR	163	>TET2-R1878 GSILIECAKH	14039	13876
>TET2-R1878 GSILIECAKR	34	>TET2-R1878 GSILIECAKH	11368	11334
>TET2-R1896 RISLVFYQ	1748	>TET2-R1896 MISLVFYQ	203	1545
>TET2-R1896 RISLVFYQHK	34	>TET2-R1896 MISLVFYQHK	56	22
>TET2-R1896 RISLVFYQH	222	>TET2-R1896 MISLVFYQH	188	34
>TET2-R1896 RISLVFYQHK	13	>TET2-R1896 MISLVFYQHK	14	1
>TET2-R1896 RISLVFYQHK	19	>TET2-R1896 MISLVFYQHK	66	47
>TET2-R1896 RISLVFYQH	291	>TET2-R1896 MISLVFYQH	710	419
>TET2-R1896 RISLVFYQHK	60	>TET2-R1896 MISLVFYQHK	93	33
>TET2-R1896 RISLVFYQ	5606	>TET2-R1896 MISLVFYQ	122	5484
>TET2-R1896 RISLVFYQH	10654	>TET2-R1896 MISLVFYQH	341	10313
>TET2-R1896 RISLVFYQHK	395	>TET2-R1896 MISLVFYQHK	22	373
>TET2-R1896 RISLVFYQHK	10549	>TET2-R1896 MISLVFYQHK	330	10219
>TET2-R1896 RISLVFYQHK	264	>TET2-R1896 MISLVFYQHK	1667	1403
>TET2-R1896 RISLVFYQHK	187	>TET2-R1896 MISLVFYQHK	584	397
>TET2-R1896 TRISLVFYQ	23368	>TET2-R1896 TMISLVFYQ	238	23130
>TET2-R1896 TRISLVFYQ	14564	>TET2-R1896 TMISLVFYQ	63	14501
>TET2-R1896 TRISLVFYQ	25503	>TET2-R1896 TMISLVFYQ	77	25426
>TET2-R1896 TRISLVFYQ	26773	>TET2-R1896 TMISLVFYQ	266	26507
>TET2-R1896 TRISLVFYQ	31044	>TET2-R1896 TMISLVFYQ	183	30861
>TET2-R1896 TRISLVFY	21093	>TET2-R1896 TMISLVFY	277	20816
>TET2-R1896 TRISLVFYQH	18613	>TET2-R1896 TMISLVFYQH	104	18509
>TET2-R1896 TRISLVFY	15045	>TET2-R1896 TMISLVFY	48	14997
>TET2-R1896 TRISLVFYQH	4698	>TET2-R1896 TMISLVFYQH	17	4681
>TET2-R1896 TRISLVFY	172	>TET2-R1896 TMISLVFY	10	162
>TET2-R1896 TRISLVFY	223	>TET2-R1896 TMISLVFY	8	215
>TET2-R1896 TRISLVFYQ	12039	>TET2-R1896 TMISLVFYQ	279	11760
>TET2-R1896 TRISLVFY	456	>TET2-R1896 TMISLVFY	20	436
>TET2-R1896 TRISLVFYQ	18528	>TET2-R1896 TMISLVFYQ	334	18194
>TET2-R1896 TRISLVFYQH	11734	>TET2-R1896 TMISLVFYQH	40	11694
>TET2-R1896 TRISLVFY	3327	>TET2-R1896 TMISLVFY	127	3200
>TET2-R1896 TRISLVFYQ	3886	>TET2-R1896 TMISLVFYQ	183	3703
>TET2-R1896 TRISLVFYQH	929	>TET2-R1896 TMISLVFYQH	51	878
>TET2-R1896 TRISLVFY	396	>TET2-R1896 TMISLVFY	24	372
>TET2-R1896 TRISLVFY	10839	>TET2-R1896 TMISLVFY	58	10781
>TET2-R1896 TRISLVFY	180	>TET2-R1896 TMISLVFY	25	155
>TET2-R1896 TRISLVFY	247	>TET2-R1896 TMISLVFY	13463	13216
>TET2-R1896 TRISLVFYQH	107	>TET2-R1896 TMISLVFYQH	8798	8691
>TET2-R1896 LKNPNRNHP	249	>TET2-R1896 LKNPNRNHP	18	231
>TET2-R1896 PTRISLVFY	3633	>TET2-R1896 PTMISLVFY	232	3401
>TET2-R1896 PTRISLVFY	57	>TET2-R1896 PTMISLVFY	16	41

>TET2-R1896 PTRISLVFY	380	>TET2-R1896 PTMISLVFY	658	278
>TET2-R1896 PTRISLVFY	393	>TET2-R1896 PTMISLVFY	133	260
>TET2-R1896 PTRISLVFY	40	>TET2-R1896 PTMISLVFY	4621	4581
>TET2-R1896 PTRISLVFYQ	224	>TET2-R1896 PTMISLVFYQ	9293	9069
>TET2-R1896 PTRISLVFY	332	>TET2-R1896 PTMISLVFY	160	172
>TET2-R1896 PTRISLVF	520	>TET2-R1896 PTMISLVF	468	52
>TET2-R1896 PTRISLVF	11	>TET2-R1896 PTMISLVF	15	4
>TET2-R1896 PTRISLVFY	17	>TET2-R1896 PTMISLVFY	18	1
>TET2-R1896 HPTRISLVFY	167	>TET2-R1896 HPTMISLVFY	261	94
>TET2-R1896 HPTRISLV	361	>TET2-R1896 HPTMISLV	393	32
>TET2-R1896 HPTRISLVF	51	>TET2-R1896 HPTMISLVF	37	14
>TET2-R1896 HPTRISLVF	12	>TET2-R1896 HPTMISLVF	10	2
>TET2-R1896 HPTRISLVFY	198	>TET2-R1896 HPTMISLVFY	55	143
>TET2-R1896 HPTRISLVF	164	>TET2-R1896 HPTMISLVF	125	39
>TET2-R1896 HPTRISLVFY	432	>TET2-R1896 HPTMISLVFY	184	248
>TET2-R1896 HPTRISLV	201	>TET2-R1896 HPTMISLV	200	1
>TET2-R1896 HPTRISLVF	11	>TET2-R1896 HPTMISLVF	16	5
>TET2-R1896 HPTRISLVFY	12	>TET2-R1896 HPTMISLVFY	16	4
>TET2-R1896 HPTRISLVF	62	>TET2-R1896 HPTMISLVF	42	20
>TET2-R1896 HPTRISLVFY	498	>TET2-R1896 HPTMISLVFY	347	151
>TET2-R1896 NHPTRISLVF	428	>TET2-R1896 NHPTMISLVF	410	18
>TET2-R1896 NHPTRISL	187	>TET2-R1896 NHPTMISL	119	68
>TET2-R1896 RNHPTRISL	18	>TET2-R1896 RNHPTMISL	36	18
>TET2-R1896 RNHPTRISLV	55	>TET2-R1896 RNHPTMISLV	93	38
>TET2-R1896 RNHPTRISLVI	129	>TET2-R1896 RNHPTMISLV	95	34
>TET2-R1896 RNHPTRISL	328	>TET2-R1896 RNHPTMISL	431	103
>TET2-R1896 RNHPTRISLVI	16	>TET2-R1896 RNHPTMISLV	18	2
>TET2-R1896 RNHPTRISLVI	430	>TET2-R1896 RNHPTMISLV	97	333
>TET2-R1896 RNHPTRISLVI	515	>TET2-R1896 RNHPTMISLV	365	150
>TET2-R1896 RNHPTRISL	438	>TET2-R1896 RNHPTMISL	272	166
>TET2-R1896 NRNHPTRISL	423	>TET2-R1896 NRNHPTMISI	275	148
>TET2-R1896 NRNHPTRISL	420	>TET2-R1896 NRNHPTMISI	557	137
>TET2-R1896 NRNHPTRISL	91	>TET2-R1896 NRNHPTMISI	47	44
>TET2-R1896 NPNRNHPTR	33861	>TET2-R1896 NPNRNHPTV	39	33822
>TET2-R1896 NPNRNHPTR	21022	>TET2-R1896 NPNRNHPTV	39	20983
>TET2-R1896 NPNRNHPTR	5815	>TET2-R1896 NPNRNHPTV	33	5782
>TET2-R1896 KPNRNHPT	120	>TET2-R1896 KPNRNHPT	23010	22890
>TET2-R1896 RISLVFYQHK	34	>TET2-R1896 SISLVFYQHK	62	28
>TET2-R1896 RISLVFYQH	222	>TET2-R1896 SISLVFYQH	141	81
>TET2-R1896 RISLVFYQHK	13	>TET2-R1896 SISLVFYQHK	9	4
>TET2-R1896 RISLVFYQHK	19	>TET2-R1896 SISLVFYQHK	193	174
>TET2-R1896 RISLVFYQH	291	>TET2-R1896 SISLVFYQH	2459	2168
>TET2-R1896 RISLVFYQHK	60	>TET2-R1896 SISLVFYQHK	198	138

>TET2-R1896 RISLVFYQHK	395	>TET2-R1896 SISLVFYQHK	92	303
>TET2-R1896 RISLVFYQHK	264	>TET2-R1896 SISLVFYQHK	559	295
>TET2-R1896 RISLVFYQHK	187	>TET2-R1896 SISLVFYQHK	1348	1161
>TET2-R1896 TRISLVFY	15045	>TET2-R1896 TSISLVFY	33	15012
>TET2-R1896 TRISLVFYQH	4698	>TET2-R1896 TSISLVFYQHK	15	4683
>TET2-R1896 TRISLVFY	172	>TET2-R1896 TSISLVFY	4	168
>TET2-R1896 TRISLVFY	3188	>TET2-R1896 TSISLVFY	251	2937
>TET2-R1896 TRISLVFY	223	>TET2-R1896 TSISLVFY	32	191
>TET2-R1896 TRISLVFYQH	9580	>TET2-R1896 TSISLVFYQHK	298	9282
>TET2-R1896 TRISLVFY	456	>TET2-R1896 TSISLVFY	39	417
>TET2-R1896 TRISLVFYQH	11734	>TET2-R1896 TSISLVFYQHK	83	11651
>TET2-R1896 TRISLVFY	3327	>TET2-R1896 TSISLVFY	39	3288
>TET2-R1896 TRISLVFYQ	3886	>TET2-R1896 TSISLVFYQ	59	3827
>TET2-R1896 TRISLVFYQH	929	>TET2-R1896 TSISLVFYQHK	18	911
>TET2-R1896 TRISLVFY	396	>TET2-R1896 TSISLVFY	178	218
>TET2-R1896 TRISLVFY	10839	>TET2-R1896 TSISLVFY	269	10570
>TET2-R1896 TRISLVFY	180	>TET2-R1896 TSISLVFY	244	64
>TET2-R1896 TRISLVFY	22588	>TET2-R1896 TSISLVFY	10	22578
>TET2-R1896 TRISLVFY	247	>TET2-R1896 TSISLVFY	21046	20799
>TET2-R1896 TRISLVFYQH	107	>TET2-R1896 TSISLVFYQHK	19099	18992
>TET2-R1896 TRISLVFY	20621	>TET2-R1896 TSISLVFY	137	20484
>TET2-R1896 TRISLVFY	9374	>TET2-R1896 TSISLVFY	108	9266
>TET2-R1896 TRISLVFYQH	10910	>TET2-R1896 TSISLVFYQH	332	10578
>TET2-R1896 TRISLVFYQH	3969	>TET2-R1896 TSISLVFYQHK	197	3772
>TET2-R1896 LKNPNRNHP	249	>TET2-R1896 LKNPNRNHP	1420	1171
>TET2-R1896 PTRISLVFY	3633	>TET2-R1896 PTSISLVFY	33	3600
>TET2-R1896 PTRISLVFY	57	>TET2-R1896 PTSISLVFY	113	56
>TET2-R1896 PTRISLVFY	380	>TET2-R1896 PTSISLVFY	6174	5794
>TET2-R1896 PTRISLVFY	393	>TET2-R1896 PTSISLVFY	121	272
>TET2-R1896 PTRISLVFY	40	>TET2-R1896 PTSISLVFY	6408	6368
>TET2-R1896 PTRISLVFYQ	224	>TET2-R1896 PTSISLVFYQ	11203	10979
>TET2-R1896 PTRISLVFY	332	>TET2-R1896 PTSISLVFY	122	210
>TET2-R1896 PTRISLVF	11	>TET2-R1896 PTSISLVF	41	30
>TET2-R1896 PTRISLVFY	17	>TET2-R1896 PTSISLVFY	45	28
>TET2-R1896 PTRISLVF	599	>TET2-R1896 PTSISLVF	345	254
>TET2-R1896 HPTRISLVF	1617	>TET2-R1896 HPTSISLVF	314	1303
>TET2-R1896 HPTRISLVFY	167	>TET2-R1896 HPTSISLVFY	174	7
>TET2-R1896 HPTRISLV	361	>TET2-R1896 HPTSISLV	491	130
>TET2-R1896 HPTRISLVF	51	>TET2-R1896 HPTSISLVF	57	6
>TET2-R1896 HPTRISLVF	706	>TET2-R1896 HPTSISLVF	397	309
>TET2-R1896 HPTRISLVF	12	>TET2-R1896 HPTSISLVF	9	3
>TET2-R1896 HPTRISLVFY	198	>TET2-R1896 HPTSISLVFY	67	131
>TET2-R1896 HPTRISLVF	2082	>TET2-R1896 HPTSISLVF	406	1676



>TET2-R1896 HPTRISLVF	164	>TET2-R1896 HPTSISLVF	85	79
>TET2-R1896 HPTRISLVFY	432	>TET2-R1896 HPTSISLVFY	263	169
>TET2-R1896 HPTRISLV	201	>TET2-R1896 HPTSISLV	178	23
>TET2-R1896 HPTRISLVF	1142	>TET2-R1896 HPTSISLVF	455	687
>TET2-R1896 HPTRISLVF	11	>TET2-R1896 HPTSISLVF	10	1
>TET2-R1896 HPTRISLVFY	12	>TET2-R1896 HPTSISLVFY	11	1
>TET2-R1896 HPTRISLVF	62	>TET2-R1896 HPTSISLVF	43	19
>TET2-R1896 HPTRISLVFY	498	>TET2-R1896 HPTSISLVFY	330	168
>TET2-R1896 NHPTRISLVF	428	>TET2-R1896 NHPTSISLVF	324	104
>TET2-R1896 NHPTRISLVF	985	>TET2-R1896 NHPTSISLVF	317	668
>TET2-R1896 NHPTRISL	187	>TET2-R1896 NHPTSISL	73	114
>TET2-R1896 RNHPTRISL	18	>TET2-R1896 RNHPTSISL	19	1
>TET2-R1896 RNHPTRISLV	55	>TET2-R1896 RNHPTSISLV	52	3
>TET2-R1896 RNHPTRISLVI	129	>TET2-R1896 RNHPTSISLVF	63	66
>TET2-R1896 RNHPTRISL	328	>TET2-R1896 RNHPTSISL	169	159
>TET2-R1896 RNHPTRISLVI	16	>TET2-R1896 RNHPTSISLVF	12	4
>TET2-R1896 RNHPTRISLVI	430	>TET2-R1896 RNHPTSISLVF	135	295
>TET2-R1896 RNHPTRISLVI	515	>TET2-R1896 RNHPTSISLVF	347	168
>TET2-R1896 RNHPTRISL	438	>TET2-R1896 RNHPTSISL	183	255
>TET2-R1896 NRNHPTRI	2454	>TET2-R1896 NRNHPTSI	434	2020
>TET2-R1896 NRNHPTRISL	423	>TET2-R1896 NRNHPTSISL	191	232
>TET2-R1896 NRNHPTRISL	420	>TET2-R1896 NRNHPTSISL	462	42
>TET2-R1896 NRNHPTRISL	91	>TET2-R1896 NRNHPTSISL	39	52
>TET2-R1896 KNPNRNHPT	1348	>TET2-R1896 KNPNRNHPT:	288	1060
>TET2-R1896 KNPNRNHPT	120	>TET2-R1896 KNPNRNHPT:	24792	24672
>TET2-R1896 KNPNRNHPT	949	>TET2-R1896 KNPNRNHPT:	361	588
>TET2-R2000 AFTRVTGPYN	7554	>TET2-R2000 AFTRVTGPYN	485	7069
>TET2-R2000 AFTRVTGPYN	8385	>TET2-R2000 AFTRVTGPYN	226	8159
>TET2-R2000 AFTRVTGPYN	16	>TET2-R2000 AFTRVTGPYN	245	229
>TET2-R2000 AFTRVTGPYN	284	>TET2-R2000 AFTRVTGPYN	7026	6742
>TET2-R2000 AFTRVTGPYN	242	>TET2-R2000 AFTRVTGPYN	5296	5054
>TET2-R2000 TGPYNRYI	56	>TET2-R2000 TGPYNKYI	53	3
>TET2-R2000 VTGPYNRY	337	>TET2-R2000 VTGPYNKY	941	604
>TET2-R2000 VTGPYNRYI	365	>TET2-R2000 VTGPYNKYI	511	146
>TET2-R2000 VTGPYNRY	74	>TET2-R2000 VTGPYNKY	76	2
>TET2-R2000 VTGPYNRY	63	>TET2-R2000 VTGPYNKY	71	8
>TET2-R2000 VTGPYNRY	189	>TET2-R2000 VTGPYNKY	471	282
>TET2-R2000 VTGPYNRY	11	>TET2-R2000 VTGPYNKY	14	3
>TET2-R2000 VTGPYNRYI	148	>TET2-R2000 VTGPYNKYI	82	66
>TET2-R2000 VTGPYNRYI	64	>TET2-R2000 VTGPYNKYI	116	52
>TET2-R2000 VTGPYNRYI	46	>TET2-R2000 VTGPYNKYI	40	6
>TET2-R2000 RVTGPYNR	1562	>TET2-R2000 RVTGPYNK	101	1461
>TET2-R2000 RVTGPYNR	203	>TET2-R2000 RVTGPYNK	22	181

>TET2-R2000 RVTGPYNRY	67	>TET2-R2000 RVTGPYNKY	111	44
>TET2-R2000 RVTGPYNRY	233	>TET2-R2000 RVTGPYNKY	216	17
>TET2-R2000 RVTGPYNR	2737	>TET2-R2000 RVTGPYNK	24	2713
>TET2-R2000 RVTGPYNRYI	134	>TET2-R2000 RVTGPYNKYI	202	68
>TET2-R2000 RVTGPYNRY	215	>TET2-R2000 RVTGPYNKY	205	10
>TET2-R2000 RVTGPYNR	15	>TET2-R2000 RVTGPYNK	126	111
>TET2-R2000 RVTGPYNR	228	>TET2-R2000 RVTGPYNK	902	674
>TET2-R2000 RVTGPYNRYI	376	>TET2-R2000 RVTGPYNKYI	500	124
>TET2-R2000 RVTGPYNRY	271	>TET2-R2000 RVTGPYNKY	472	201
>TET2-R2000 RVTGPYNRY	17	>TET2-R2000 RVTGPYNKY	26	9
>TET2-R2000 RVTGPYNRY	107	>TET2-R2000 RVTGPYNKY	176	69
>TET2-R2000 RVTGPYNR	62	>TET2-R2000 RVTGPYNK	1376	1314
>TET2-R2000 TRVTGPYNRY	553	>TET2-R2000 TRVTGPYNKY	363	190
>TET2-R2000 TRVTGPYNR	744	>TET2-R2000 TRVTGPYNK	385	359
>TET2-R2000 TRVTGPYNRY	213	>TET2-R2000 TRVTGPYNKY	175	38
>TET2-R2000 TRVTGPYNR	176	>TET2-R2000 TRVTGPYNK	4303	4127
>TET2-R2000 FTRVTGPYNR	4608	>TET2-R2000 FTRVTGPYNK	304	4304
>TET2-R2000 FTRVTGPYNR	1167	>TET2-R2000 FTRVTGPYNK	96	1071
>TET2-R2000 FTRVTGPYNR	1816	>TET2-R2000 FTRVTGPYNK	467	1349
>TET2-R2000 FTRVTGPYNR	178	>TET2-R2000 FTRVTGPYNK	216	38
>TET2-R2000 FTRVTGPYNR	188	>TET2-R2000 FTRVTGPYNK	359	171
>TET2-R2000 FTRVTGPYNR	223	>TET2-R2000 FTRVTGPYNK	365	142
>TET2-R2000 FTRVTGPYNR	42	>TET2-R2000 FTRVTGPYNK	43	1
>TET2-R2000 FTRVTGPYNR	430	>TET2-R2000 FTRVTGPYNK	11	419
>TET2-R2000 FTRVTGPYNR	346	>TET2-R2000 FTRVTGPYNK	353	7
>TET2-R2000 FTRVTGPYNR	116	>TET2-R2000 FTRVTGPYNK	1644	1528
>TET2-R2000 FTRVTGPYNR	43	>TET2-R2000 FTRVTGPYNK	131	88
>TET2-R2000 FTRVTGPYNR	183	>TET2-R2000 FTRVTGPYNK	451	268
>TET2-R2000 FTRVTGPYNR	241	>TET2-R2000 FTRVTGPYNK	179	62
>TET2-R2000 FTRVTGPYNR	104	>TET2-R2000 FTRVTGPYNK	63	41
>TET2-R2000 FTRVTGPYNR	4	>TET2-R2000 FTRVTGPYNK	5	1
>TET2-R2000 FTRVTGPYNR	5	>TET2-R2000 FTRVTGPYNK	6	1
>TET2-R2000 FTRVTGPYNR	248	>TET2-R2000 FTRVTGPYNK	378	130
>TET2-R686S RADSQTEK	234	>TET2-R686S SADSQTEK	140	94
>TET2-R686S RADSQTEKL	241	>TET2-R686S SADSQTEKL	4290	4049
>TET2-R686S RADSQTEKLM	156	>TET2-R686S SADSQTEKLM	3227	3071
>TET2-R686S QRADSQTEK	19651	>TET2-R686S QSADSQTEK	91	19560
>TET2-R686S QRADSQTEK	3545	>TET2-R686S QSADSQTEK	31	3514
>TET2-R686S QRADSQTEKI	477	>TET2-R686S QSADSQTEKI	1486	1009
>TET2-R686S QRADSQTEKI	25006	>TET2-R686S QSADSQTEKI	36	24970
>TET2-R686S QRADSQTEKI	24051	>TET2-R686S QSADSQTEKI	28	24023
>TET2-R686S QRADSQTEK	427	>TET2-R686S QSADSQTEK	22670	22243
>TET2-R686S QRADSQTEKI	225	>TET2-R686S QSADSQTEKI	26503	26278

>TET2-R686S QRADSQTEKI	408	>TET2-R686S QSADSQTEKL	19598	19190
>TET2-R686S QRADSQTEKI	18094	>TET2-R686S QSADSQTEKL	394	17700
>TET2-R686S QRADSQTEKI	5877	>TET2-R686S QSADSQTEKL	88	5789
>TET2-R686S QRADSQTEK	9501	>TET2-R686S QSADSQTEK	165	9336
>TET2-R686S LCGTRFHFQC	480	>TET2-R686S LCGTRFHFQC	22777	22297
>TET2-R686S LCGTRFHFQC	150	>TET2-R686S LCGTRFHFQC	25841	25691
>TET2-R686S QQRADSQTE	7160	>TET2-R686S QQSADSQTEI	321	6839
>TET2-R686S QQRADSQTE	2084	>TET2-R686S QQSADSQTEI	211	1873
>TET2-R686S QQRADSQTE	68	>TET2-R686S QQSADSQTEI	7875	7807
>TET2-R686S QQRADSQTE	178	>TET2-R686S QQSADSQTEI	580	402
>TET2-R686S QQRADSQTE	69	>TET2-R686S QQSADSQTEI	175	106
>TET2-R686S FQQRADSQT	573	>TET2-R686S FQQSADSQTI	304	269
>TET2-R686S RFHFQQRA	23	>TET2-R686S RFHFQQSA	13	10
>TET2-R686S RFHFQQRAD	283	>TET2-R686S RFHFQQSAD	315	32
>TET2-R686S TRFHFQQR	229	>TET2-R686S TRFHFQQS	31731	31502
>TET2-R686S TRFHFQQR	486	>TET2-R686S TRFHFQQS	1601	1115
>TET2-R686S TRFHFQQRA	857	>TET2-R686S TRFHFQQSA	123	734
>TET2-R686S TRFHFQQR	105	>TET2-R686S TRFHFQQS	945	840
>TET2-R686S TRFHFQQRA	459	>TET2-R686S TRFHFQQSA	357	102
>TET2-R686S TRFHFQQRA	316	>TET2-R686S TRFHFQQSA	437	121
>TET2-R686S TRFHFQQR	141	>TET2-R686S TRFHFQQS	27504	27363
>TET2-R686S GTRFHFQQR	60	>TET2-R686S GTRFHFQQS	184	124
>TET2-R686S GTRFHFQQR	20	>TET2-R686S GTRFHFQQS	10	10
>TET2-R686S GTRFHFQQR	12	>TET2-R686S GTRFHFQQS	12387	12375
>TET2-R686S GTRFHFQQR	302	>TET2-R686S GTRFHFQQS	30833	30531
>TET2-R686S GTRFHFQQR	108	>TET2-R686S GTRFHFQQS	1385	1277
>TET2-R686S CGTRFHFQQI	231	>TET2-R686S CGTRFHFQQI	32704	32473
>TET2-S1284 SFSFGCSW	902	>TET2-S1284 FFSFGCSW	226	676
>TET2-S1284 SFSFGCSWSM	935	>TET2-S1284 FFSFGCSWSM	296	639
>TET2-S1284 SFSFGCSWSM	13	>TET2-S1284 FFSFGCSWSM	7	6
>TET2-S1284 SFSFGCSWSM	58	>TET2-S1284 FFSFGCSWSM	171	113
>TET2-S1284 SFSFGCSWSM	128	>TET2-S1284 FFSFGCSWSM	45	83
>TET2-S1284 SFSFGCSWSM	1797	>TET2-S1284 FFSFGCSWSM	181	1616
>TET2-S1284 SFSFGCSWSM	93	>TET2-S1284 FFSFGCSWSM	141	48
>TET2-S1284 SFSFGCSWSM	12	>TET2-S1284 FFSFGCSWSM	12	0
>TET2-S1284 SFSFGCSWSM	112	>TET2-S1284 FFSFGCSWSM	65	47
>TET2-S1284 SFSFGCSWSM	461	>TET2-S1284 FFSFGCSWSM	935	474
>TET2-S1284 SFSFGCSW	324	>TET2-S1284 FFSFGCSW	820	496
>TET2-S1284 ASFSFGCSWS	204	>TET2-S1284 AFFSFGCSWS	788	584
>TET2-S1284 ASFSFGCSWS	651	>TET2-S1284 AFFSFGCSWS	361	290
>TET2-S1284 ASFSFGCSW	14341	>TET2-S1284 AFFSFGCSW	271	14070
>TET2-S1284 ASFSFGCSWS	13600	>TET2-S1284 AFFSFGCSWS	367	13233
>TET2-S1284 ASFSFGCSW	51	>TET2-S1284 AFFSFGCSW	608	557

>TET2-S1284 ASFSFGCSWS	135	>TET2-S1284 AFFSFGCSWS	1551	1416
>TET2-S1284 ASFSFGCSW	256	>TET2-S1284 AFFSFGCSW	2278	2022
>TET2-S1284 ASFSFGCSWS	125	>TET2-S1284 AFFSFGCSWS	998	873
>TET2-S1284 ASFSFGCSW	29	>TET2-S1284 AFFSFGCSW	604	575
>TET2-S1284 ASFSFGCSWS	12	>TET2-S1284 AFFSFGCSWS	188	176
>TET2-S1284 ASFSFGCSW	4	>TET2-S1284 AFFSFGCSW	4192	4188
>TET2-S1284 ASFSFGCSWS	6	>TET2-S1284 AFFSFGCSWS	18387	18381
>TET2-S1284 ASFSFGCSW	34	>TET2-S1284 AFFSFGCSW	6665	6631
>TET2-S1284 ASFSFGCSWS	235	>TET2-S1284 AFFSFGCSWS	21708	21473
>TET2-S1284 ASFSFGCSW	14	>TET2-S1284 AFFSFGCSW	1030	1016
>TET2-S1284 ASFSFGCSWS	298	>TET2-S1284 AFFSFGCSWS	15842	15544
>TET2-S1284 ASFSFGCSWS	211	>TET2-S1284 AFFSFGCSWS	9714	9503
>TET2-S1284 ASFSFGCSW	84	>TET2-S1284 AFFSFGCSW	2165	2081
>TET2-S1284 ASFSFGCSWS	16	>TET2-S1284 AFFSFGCSWS	465	449
>TET2-S1284 ASFSFGCSW	336	>TET2-S1284 AFFSFGCSW	2440	2104
>TET2-S1284 ASFSFGCSW	266	>TET2-S1284 AFFSFGCSW	5174	4908
>TET2-S1284 ASFSFGCSWS	9301	>TET2-S1284 AFFSFGCSWS	351	8950
>TET2-S1284 ASFSFGCSWS	23821	>TET2-S1284 AFFSFGCSWS	148	23673
>TET2-S1284 ASFSFGCSWS	85	>TET2-S1284 AFFSFGCSWS	11097	11012
>TET2-S1284 GASFSFGCSM	86	>TET2-S1284 GAFFSFGCSM	32	54
>TET2-S1284 GASFSFGCSM	234	>TET2-S1284 GAFFSFGCSM	81	153
>TET2-S1284 GASFSFGCSM	73	>TET2-S1284 GAFFSFGCSM	57	16
>TET2-S1284 GASFSFGCSM	1273	>TET2-S1284 GAFFSFGCSM	349	924
>TET2-S1284 GASFSFGCSM	651	>TET2-S1284 GAFFSFGCSM	315	336
>TET2-S1284 CGASFSFGCS	347	>TET2-S1284 CGAFFSFGCS	488	141
>TET2-S1284 CGASFSFGCS	38	>TET2-S1284 CGAFFSFGCS	57	19
>TET2-S1284 CGASFSFGCS	205	>TET2-S1284 CGAFFSFGCS	249	44
>TET2-S1284 ETCGASFSF	2067	>TET2-S1284 ETCGAFFSF	379	1688
>TET2-S1284 ETCGASFSF	267	>TET2-S1284 ETCGAFFSF	91	176
>TET2-S1284 ETCGASFSF	127	>TET2-S1284 ETCGAFFSF	146	19
>TET2-S1284 ETCGASFS	431	>TET2-S1284 ETCGAFFS	633	202
>TET2-S1284 ETCGASFSF	18	>TET2-S1284 ETCGAFFSF	6	12
>TET2-S1284 ETCGASFSF	49	>TET2-S1284 ETCGAFFSF	9	40
>TET2-S1284 ETCGASFSF	49	>TET2-S1284 ETCGAFFSF	107	58
>TET2-S1284 ETCGASFS	559	>TET2-S1284 ETCGAFFS	361	198
>TET2-S1284 ETCGASFSF	590	>TET2-S1284 ETCGAFFSF	417	173
>TET2-S1284 ETCGASFS	321	>TET2-S1284 ETCGAFFS	99	222
>TET2-S1284 ETCGASFSFG	359	>TET2-S1284 ETCGAFFSFG	213	146
>TET2-S1284 ETCGASFSF	268	>TET2-S1284 ETCGAFFSF	315	47
>TET2-S1284 ETCGASFSF	8	>TET2-S1284 ETCGAFFSF	30	22
>TET2-S1284 ETCGASFSF	281	>TET2-S1284 ETCGAFFSF	722	441
>TET2-S1284 ETCGASFSF	1152	>TET2-S1284 ETCGAFFSF	242	910
>TET2-S1284 ETCGASFSF	530	>TET2-S1284 ETCGAFFSF	478	52

>TET2-S1284 PETCGASF	1118	>TET2-S1284 PETCGAFF	393	725
>TET2-S1284 PETCGASF	398	>TET2-S1284 PETCGAFF	786	388
>TET2-S1284 PETCGASF	894	>TET2-S1284 PETCGAFF	343	551
>TET2-S1284 DPETCGASFS	259	>TET2-S1284 DPETCGAFFS	130	129
>TET2-S1284 DPETCGASFS	413	>TET2-S1284 DPETCGAFFS	373	40
>TET2-S1284 DPETCGAS	1927	>TET2-S1284 DPETCGAF	53	1874
>TET2-S1284 DPETCGASF	113	>TET2-S1284 DPETCGAFF	304	191
>TET2-S1284 DPETCGASFS	42	>TET2-S1284 DPETCGAFFS	69	27
>TET2-S1284 DPETCGASFS	258	>TET2-S1284 DPETCGAFFS	195	63
>TET2-S1284 DPETCGAS	23199	>TET2-S1284 DPETCGAF	329	22870
>TET2-S1284 DPETCGASF	282	>TET2-S1284 DPETCGAFF	528	246
>TET2-S1284 DPETCGASFS	143	>TET2-S1284 DPETCGAFFS	96	47
>TET2-S1286 SFGCSWSMY	18	>TET2-S1286 PFGCSWSMY	42	24
>TET2-S1286 SFGCSWSMY	15	>TET2-S1286 PFGCSWSMY	24	9
>TET2-S1286 SFGCSWSMY	190	>TET2-S1286 PFGCSWSMY	650	460
>TET2-S1286 SFGCSWSMY	91	>TET2-S1286 PFGCSWSMY	1004	913
>TET2-S1286 SFGCSWSMY	81	>TET2-S1286 PFGCSWSMY	715	634
>TET2-S1286 SFGCSWSMY	416	>TET2-S1286 PFGCSWSMY	3311	2895
>TET2-S1286 SFGCSWSMY	55	>TET2-S1286 PFGCSWSMY	3795	3740
>TET2-S1286 SFGCSWSMY	197	>TET2-S1286 PFGCSWSMY	414	217
>TET2-S1286 FSGCSWSM	2565	>TET2-S1286 FPFGCSWSM	14	2551
>TET2-S1286 FSGCSWSM	12591	>TET2-S1286 FPFGCSWSM	241	12350
>TET2-S1286 FSGCSWSM	74	>TET2-S1286 FPFGCSWSM	10631	10557
>TET2-S1286 FSGCSWSM	43	>TET2-S1286 FPFGCSWSM	14196	14153
>TET2-S1286 FSGCSWSM	40	>TET2-S1286 FPFGCSWSM	3972	3932
>TET2-S1286 FSGCSWSM	20	>TET2-S1286 FPFGCSWSM	1704	1684
>TET2-S1286 FSGCSWSM	13	>TET2-S1286 FPFGCSWSM	316	303
>TET2-S1286 FSGCSWSM	469	>TET2-S1286 FPFGCSWSM	3639	3170
>TET2-S1286 FSGCSWSM	327	>TET2-S1286 FPFGCSWSM	8783	8456
>TET2-S1286 FSGCSWSM	318	>TET2-S1286 FPFGCSWSM	12950	12632
>TET2-S1286 FSGCSWSM	42	>TET2-S1286 FPFGCSWSM	9795	9753
>TET2-S1286 FSGCSWSM	112	>TET2-S1286 FPFGCSWSM	2073	1961
>TET2-S1286 FSGCSWSM	103	>TET2-S1286 FPFGCSWSM	2254	2151
>TET2-S1286 FSGCSWSM	22	>TET2-S1286 FPFGCSWSM	156	134
>TET2-S1286 FSGCSWSM	6	>TET2-S1286 FPFGCSWSM	12	6
>TET2-S1286 FSGCSWSM	14	>TET2-S1286 FPFGCSWSM	344	330
>TET2-S1286 FSGCSWSM	24	>TET2-S1286 FPFGCSWSM	458	434
>TET2-S1286 FSGCSWSM	27	>TET2-S1286 FPFGCSWSM	1135	1108
>TET2-S1286 FSGCSWSM	32	>TET2-S1286 FPFGCSWSM	951	919
>TET2-S1286 FSGCSWSM	73	>TET2-S1286 FPFGCSWSM	2397	2324
>TET2-S1286 FSGCSWSM	82	>TET2-S1286 FPFGCSWSM	556	474
>TET2-S1286 FSGCSWSM	10928	>TET2-S1286 FPFGCSWSM	16	10912
>TET2-S1286 FSGCSWSM	158	>TET2-S1286 FPFGCSWSM	10016	9858

>TET2-S1286 FSFGCSWSM	58	>TET2-S1286 FPFGCSWSM	2369	2311
>TET2-S1286 FSFGCSWSM	46	>TET2-S1286 FPFGCSWSM	1623	1577
>TET2-S1286 FSFGCSWSM	93	>TET2-S1286 FPFGCSWSM	50	43
>TET2-S1286 FSFGCSWSM	439	>TET2-S1286 FPFGCSWSM	201	238
>TET2-S1286 FSFGCSWSM	44	>TET2-S1286 FPFGCSWSM	483	439
>TET2-S1286 FSFGCSWSM	10	>TET2-S1286 FPFGCSWSM	79	69
>TET2-S1286 FSFGCSWSM	10	>TET2-S1286 FPFGCSWSM	86	76
>TET2-S1286 FSFGCSWSM	5	>TET2-S1286 FPFGCSWSM	9822	9817
>TET2-S1286 FSFGCSWSM	3	>TET2-S1286 FPFGCSWSM	2813	2810
>TET2-S1286 FSFGCSWSM	4	>TET2-S1286 FPFGCSWSM	5499	5495
>TET2-S1286 FSFGCSWSM	1427	>TET2-S1286 FPFGCSWSM	234	1193
>TET2-S1286 FSFGCSWSM	840	>TET2-S1286 FPFGCSWSM	144	696
>TET2-S1286 FSFGCSWS	11541	>TET2-S1286 FPFGCSWS	226	11315
>TET2-S1286 FSFGCSWSM	37	>TET2-S1286 FPFGCSWSM	7	30
>TET2-S1286 FSFGCSWSM	7215	>TET2-S1286 FPFGCSWSM	20	7195
>TET2-S1286 FSFGCSWSM	42	>TET2-S1286 FPFGCSWSM	7	35
>TET2-S1286 FSFGCSWSM	38	>TET2-S1286 FPFGCSWSM	9	29
>TET2-S1286 FSFGCSWSM	716	>TET2-S1286 FPFGCSWSM	10	706
>TET2-S1286 FSFGCSWSM	9922	>TET2-S1286 FPFGCSWSM	131	9791
>TET2-S1286 FSFGCSWSM	472	>TET2-S1286 FPFGCSWSM	8	464
>TET2-S1286 FSFGCSWS	8906	>TET2-S1286 FPFGCSWS	48	8858
>TET2-S1286 FSFGCSWSM	15698	>TET2-S1286 FPFGCSWSM	21	15677
>TET2-S1286 FSFGCSWSM	19993	>TET2-S1286 FPFGCSWSM	436	19557
>TET2-S1286 FSFGCSWSM	20586	>TET2-S1286 FPFGCSWSM	74	20512
>TET2-S1286 FSFGCSWSM	113	>TET2-S1286 FPFGCSWSM	15772	15659
>TET2-S1286 FSFGCSWSM	225	>TET2-S1286 FPFGCSWSM	15635	15410
>TET2-S1286 FSFGCSWSM	106	>TET2-S1286 FPFGCSWSM	12829	12723
>TET2-S1286 FSFGCSWSM	38	>TET2-S1286 FPFGCSWSM	16954	16916
>TET2-S1286 FSFGCSWSM	279	>TET2-S1286 FPFGCSWSM	18546	18267
>TET2-S1286 FSFGCSWSM	20	>TET2-S1286 FPFGCSWSM	13386	13366
>TET2-S1286 FSFGCSWSM	101	>TET2-S1286 FPFGCSWSM	5166	5065
>TET2-S1286 FSFGCSWSM	23	>TET2-S1286 FPFGCSWSM	656	633
>TET2-S1286 FSFGCSWSM	50	>TET2-S1286 FPFGCSWSM	5926	5876
>TET2-S1286 FSFGCSWSM	7	>TET2-S1286 FPFGCSWSM	98	91
>TET2-S1286 FSFGCSWSM	5731	>TET2-S1286 FPFGCSWSM	42	5689
>TET2-S1286 FSFGCSWSM	8925	>TET2-S1286 FPFGCSWSM	97	8828
>TET2-S1286 FSFGCSWSM	9980	>TET2-S1286 FPFGCSWSM	54	9926
>TET2-S1286 FSFGCSWSM	3061	>TET2-S1286 FPFGCSWSM	12	3049
>TET2-S1286 FSFGCSWSM	2941	>TET2-S1286 FPFGCSWSM	10	2931
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>TET2-S1286 FSFGCSWSM	162	>TET2-S1286 FPFGCSWSM	4934	4772
>TET2-S1286 SFSFGCSW	902	>TET2-S1286 SFPFGCSW	128	774

>TET2-S1286 SFSFGCSWSM	935	>TET2-S1286 SFPFGCSWSM	173	762
>TET2-S1286 SFSFGCSWSM	13	>TET2-S1286 SFPFGCSWSM	25	12
>TET2-S1286 SFSFGCSWSM	58	>TET2-S1286 SFPFGCSWSM	253	195
>TET2-S1286 SFSFGCSWSM	128	>TET2-S1286 SFPFGCSWSM	181	53
>TET2-S1286 SFSFGCSWSM	93	>TET2-S1286 SFPFGCSWSM	338	245
>TET2-S1286 SFSFGCSWSM	12	>TET2-S1286 SFPFGCSWSM	142	130
>TET2-S1286 SFSFGCSWSM	112	>TET2-S1286 SFPFGCSWSM	517	405
>TET2-S1286 SFSFGCSWSM	461	>TET2-S1286 SFPFGCSWSM	267	194
>TET2-S1286 SFSFGCSW	324	>TET2-S1286 SFPFGCSW	848	524
>TET2-S1286 ASFSFGCSWS	204	>TET2-S1286 ASFPFGCSWS	310	106
>TET2-S1286 ASFSFGCSWS	709	>TET2-S1286 ASFPFGCSWS	323	386
>TET2-S1286 ASFSFGCSW	51	>TET2-S1286 ASFPFGCSW	76	25
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>TET2-S1286 ASFSFGCSW	256	>TET2-S1286 ASFPFGCSW	266	10
>TET2-S1286 ASFSFGCSWS	125	>TET2-S1286 ASFPFGCSWS	135	10
>TET2-S1286 ASFSFGCSW	29	>TET2-S1286 ASFPFGCSW	79	50
>TET2-S1286 ASFSFGCSWS	12	>TET2-S1286 ASFPFGCSWS	21	9
>TET2-S1286 ASFSFGCSW	4	>TET2-S1286 ASFPFGCSW	3	1
>TET2-S1286 ASFSFGCSWS	2114	>TET2-S1286 ASFPFGCSWS	421	1693
>TET2-S1286 ASFSFGCSWS	6	>TET2-S1286 ASFPFGCSWS	4	2
>TET2-S1286 ASFSFGCSW	34	>TET2-S1286 ASFPFGCSW	25	9
>TET2-S1286 ASFSFGCSWS	235	>TET2-S1286 ASFPFGCSWS	96	139
>TET2-S1286 ASFSFGCSW	14	>TET2-S1286 ASFPFGCSW	10	4
>TET2-S1286 ASFSFGCSWS	298	>TET2-S1286 ASFPFGCSWS	122	176
>TET2-S1286 ASFSFGCSWS	211	>TET2-S1286 ASFPFGCSWS	154	57
>TET2-S1286 ASFSFGCSW	84	>TET2-S1286 ASFPFGCSW	183	99
>TET2-S1286 ASFSFGCSWS	16	>TET2-S1286 ASFPFGCSWS	25	9
>TET2-S1286 ASFSFGCSW	336	>TET2-S1286 ASFPFGCSW	574	238
>TET2-S1286 ASFSFGCSW	266	>TET2-S1286 ASFPFGCSW	71	195
>TET2-S1286 ASFSFGCSWS	505	>TET2-S1286 ASFPFGCSWS	379	126
>TET2-S1286 ASFSFGCSWS	85	>TET2-S1286 ASFPFGCSWS	38	47
>TET2-S1286 GASFSFGCSM	86	>TET2-S1286 GASFPFGCSM	131	45
>TET2-S1286 GASFSFGCSM	234	>TET2-S1286 GASFPFGCSM	343	109
>TET2-S1286 GASFSFGCSM	73	>TET2-S1286 GASFPFGCSM	130	57
>TET2-S1286 CGASFSFGCS	347	>TET2-S1286 CGASFPFGCS	225	122
>TET2-S1286 CGASFSFGCS	38	>TET2-S1286 CGASFPFGCS	33	5
>TET2-S1286 CGASFSFGCS	205	>TET2-S1286 CGASFPFGCS	250	45
>TET2-S1286 ETCGASFSF	267	>TET2-S1286 ETCGASFPF	2225	1958
>TET2-S1286 ETCGASFSF	127	>TET2-S1286 ETCGASFPF	140	13
>TET2-S1286 ETCGASFS	431	>TET2-S1286 ETCGASFP	1498	1067
>TET2-S1286 ETCGASFSF	18	>TET2-S1286 ETCGASFPF	11	7
>TET2-S1286 ETCGASFSF	49	>TET2-S1286 ETCGASFPF	63	14
>TET2-S1286 ETCGASFSF	49	>TET2-S1286 ETCGASFPF	45	4

>TET2-S1286 ETCGASFS	321	>TET2-S1286 ETCGASFP	5747	5426
>TET2-S1286 ETCGASFSF	1518	>TET2-S1286 ETCGASFPF	331	1187
>TET2-S1286 ETCGASFSFG	359	>TET2-S1286 ETCGASFPFG	388	29
>TET2-S1286 ETCGASFSF	268	>TET2-S1286 ETCGASFPF	152	116
>TET2-S1286 ETCGASFSF	8	>TET2-S1286 ETCGASFPF	7	1
>TET2-S1286 ETCGASFSF	281	>TET2-S1286 ETCGASFPF	70	211
>TET2-S1286 DPETCGASFS	259	>TET2-S1286 DPETCGASFP	1097	838
>TET2-S1286 DPETCGASFS	413	>TET2-S1286 DPETCGASFP	325	88
>TET2-S1286 DPETCGASFS	42	>TET2-S1286 DPETCGASFP	23	19
>TET2-S1286 DPETCGASFS	258	>TET2-S1286 DPETCGASFP	541	283
>TET2-S1286 DPETCGASFS	143	>TET2-S1286 DPETCGASFP	169	26
>TET2-S1292 SMYYNGCKF	208	>TET2-S1292 RMYYNGCKF	814	606
>TET2-S1292 SMYYNGCKF,	413	>TET2-S1292 RMYYNGCKF,	522	109
>TET2-S1292 SMYYNGCKF,	273	>TET2-S1292 RMYYNGCKF,	450	177
>TET2-S1292 SMYYNGCKF,	38	>TET2-S1292 RMYYNGCKF,	56	18
>TET2-S1292 SMYYNGCKF	197	>TET2-S1292 RMYYNGCKF	224	27
>TET2-S1292 SMYYNGCKF,	18	>TET2-S1292 RMYYNGCKF,	20	2
>TET2-S1292 SMYYNGCKF,	122	>TET2-S1292 RMYYNGCKF,	123	1
>TET2-S1292 SMYYNGCKF,	30	>TET2-S1292 RMYYNGCKF,	98	68
>TET2-S1292 SMYYNGCKF,	53	>TET2-S1292 RMYYNGCKF,	147	94
>TET2-S1292 SMYYNGCK	40	>TET2-S1292 RMYYNGCK	28	12
>TET2-S1292 SMYYNGCKF,	130	>TET2-S1292 RMYYNGCKF,	48	82
>TET2-S1292 SMYYNGCK	17	>TET2-S1292 RMYYNGCK	26	9
>TET2-S1292 SMYYNGCKF,	62	>TET2-S1292 RMYYNGCKF,	109	47
>TET2-S1292 SMYYNGCKF	1478	>TET2-S1292 RMYYNGCKF	233	1245
>TET2-S1292 SMYYNGCK	708	>TET2-S1292 RMYYNGCK	48	660
>TET2-S1292 SMYYNGCKF,	2432	>TET2-S1292 RMYYNGCKF,	227	2205
>TET2-S1292 SMYYNGCK	364	>TET2-S1292 RMYYNGCK	48	316
>TET2-S1292 SMYYNGCKF,	8	>TET2-S1292 RMYYNGCKF,	5	3
>TET2-S1292 SMYYNGCKF	66	>TET2-S1292 RMYYNGCKF	11	55
>TET2-S1292 SMYYNGCKF,	4062	>TET2-S1292 RMYYNGCKF,	401	3661
>TET2-S1292 SMYYNGCKF,	217	>TET2-S1292 RMYYNGCKF,	508	291
>TET2-S1292 SMYYNGCK	153	>TET2-S1292 RMYYNGCK	1310	1157
>TET2-S1292 SMYYNGCKF,	35	>TET2-S1292 RMYYNGCKF,	215	180
>TET2-S1292 SMYYNGCKF	37	>TET2-S1292 RMYYNGCKF	32	5
>TET2-S1292 SMYYNGCKF,	1179	>TET2-S1292 RMYYNGCKF,	452	727
>TET2-S1292 SMYYNGCKF	23	>TET2-S1292 RMYYNGCKF	80	57
>TET2-S1292 SMYYNGCK	604	>TET2-S1292 RMYYNGCK	138	466
>TET2-S1292 SMYYNGCKF	3	>TET2-S1292 RMYYNGCKF	2	1
>TET2-S1292 SMYYNGCKF,	335	>TET2-S1292 RMYYNGCKF,	87	248
>TET2-S1292 SMYYNGCKF,	199	>TET2-S1292 RMYYNGCKF,	42	157
>TET2-S1292 SMYYNGCKF	33	>TET2-S1292 RMYYNGCKF	8	25
>TET2-S1292 SMYYNGCKF	5524	>TET2-S1292 RMYYNGCKF	97	5427



>TET2-S1292 SMYYNGCKF,	54	>TET2-S1292 RMYYNGCKF,	26	28
>TET2-S1292 WSMYYNGCI	463	>TET2-S1292 WRMYYNGCI	19767	19304
>TET2-S1292 WSMYYNGCI	316	>TET2-S1292 WRMYYNGCI	475	159
>TET2-S1292 WSMYYNGCI	269	>TET2-S1292 WRMYYNGCI	1890	1621
>TET2-S1292 WSMYYNGCI	92	>TET2-S1292 WRMYYNGCI	5694	5602
>TET2-S1292 WSMYYNGCI	351	>TET2-S1292 WRMYYNGCI	11434	11083
>TET2-S1292 WSMYYNGCI	119	>TET2-S1292 WRMYYNGCI	6995	6876
>TET2-S1292 WSMYYNGCI	16	>TET2-S1292 WRMYYNGCI	12	4
>TET2-S1292 WSMYYNGCI	9	>TET2-S1292 WRMYYNGCI	18225	18216
>TET2-S1292 WSMYYNGCI	10016	>TET2-S1292 WRMYYNGCI	28	9988
>TET2-S1292 WSMYYNGCI	6700	>TET2-S1292 WRMYYNGCI	25	6675
>TET2-S1292 WSMYYNGCI	284	>TET2-S1292 WRMYYNGCI	19915	19631
>TET2-S1292 WSMYYNGCI	18	>TET2-S1292 WRMYYNGCI	319	301
>TET2-S1292 WSMYYNGCI	18230	>TET2-S1292 WRMYYNGCI	171	18059
>TET2-S1292 WSMYYNGCI	32466	>TET2-S1292 WRMYYNGCI	283	32183
>TET2-S1292 WSMYYNGCI	15949	>TET2-S1292 WRMYYNGCI	127	15822
>TET2-S1292 GASFSFGCSM	21412	>TET2-S1292 GASFSFGCSM	283	21129
>TET2-S1292 GASFSFGCSM	19948	>TET2-S1292 GASFSFGCSM	43	19905
>TET2-S1292 GASFSFGCSM	6695	>TET2-S1292 GASFSFGCSM	355	6340
>TET2-S1292 SWSMYYNGC	672	>TET2-S1292 SWRMYYNGC	344	328
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>TET2-S1292 SWSMYYNGC	421	>TET2-S1292 SWRMYYNGC	803	382
>TET2-S1292 SWSMYYNGC	27	>TET2-S1292 SWRMYYNGC	99	72
>TET2-S1292 SWSMYYNGC	2658	>TET2-S1292 SWRMYYNGC	13	2645
>TET2-S1292 SWSMYYNGC	727	>TET2-S1292 SWRMYYNGC	303	424
>TET2-S1292 SWSMYYNGC	442	>TET2-S1292 SWRMYYNGC	829	387
>TET2-S1292 SWSMYYNG	187	>TET2-S1292 SWRMYYNG	244	57
>TET2-S1292 SWSMYYNGC	59	>TET2-S1292 SWRMYYNGC	67	8
>TET2-S1292 SWSMYYNGC	137	>TET2-S1292 SWRMYYNGC	173	36
>TET2-S1292 CSWSMYYNC	70	>TET2-S1292 CSWRMYYNC	78	8
>TET2-S1292 CSWSMYYNC	150	>TET2-S1292 CSWRMYYNC	167	17
>TET2-S1292 CSWSMYYNC	313	>TET2-S1292 CSWRMYYNC	644	331
>TET2-S1292 GCSWSMYY	64	>TET2-S1292 GCSWRMYY	92	28
>TET2-S1292 GCSWSMYY	128	>TET2-S1292 GCSWRMYY	162	34
>TET2-S1292 GCSWSMYY	212	>TET2-S1292 GCSWRMYY	176	36
>TET2-S1292 FGCSWSMY	48	>TET2-S1292 FGCSWRMY	107	59
>TET2-S1292 FGCSWSMY	10	>TET2-S1292 FGCSWRMY	14	4
>TET2-S1292 FGCSWSMY	186	>TET2-S1292 FGCSWRMY	388	202
>TET2-S1292 FGCSWSMY	84	>TET2-S1292 FGCSWRMY	56	28
>TET2-S1292 FGCSWSMY	158	>TET2-S1292 FGCSWRMY	1339	1181
>TET2-S1292 FGCSWSMY	210	>TET2-S1292 FGCSWRMY	764	554
>TET2-S1292 FGCSWSMY	136	>TET2-S1292 FGCSWRMY	454	318
>TET2-S1292 FGCSWSMY	372	>TET2-S1292 FGCSWRMY	1243	871

>TET2-S1292 FGCSWSMY	138	>TET2-S1292 FGCSWRMY	712	574
>TET2-S1292 FGCSWSMY	263	>TET2-S1292 FGCSWRMY	1750	1487
>TET2-S1292 FGCSWSMY	109	>TET2-S1292 FGCSWRMY	177	68
>TET2-S1292 SFGCSWSMY	18	>TET2-S1292 SFGCSWRMY	36	18
>TET2-S1292 SFGCSWSMY	15	>TET2-S1292 SFGCSWRMY	18	3
>TET2-S1292 SFGCSWSMY	190	>TET2-S1292 SFGCSWRMY	201	11
>TET2-S1292 SFGCSWSMY	1503	>TET2-S1292 SFGCSWRMY	390	1113
>TET2-S1292 SFGCSWSMY	91	>TET2-S1292 SFGCSWRMY	218	127
>TET2-S1292 SFGCSWSMY	81	>TET2-S1292 SFGCSWRMY	216	135
>TET2-S1292 SFGCSWSMY	416	>TET2-S1292 SFGCSWRMY	1038	622
>TET2-S1292 SFGCSWSMY	55	>TET2-S1292 SFGCSWRMY	1605	1550
>TET2-S1292 SFGCSWSMY	197	>TET2-S1292 SFGCSWRMY	1039	842
>TET2-S1292 FSGCSWSM	74	>TET2-S1292 FSGCSWRM	123	49
>TET2-S1292 FSGCSWSM	43	>TET2-S1292 FSGCSWRM	53	10
>TET2-S1292 FSGCSWSM	40	>TET2-S1292 FSGCSWRM	68	28
>TET2-S1292 FSGCSWSM	20	>TET2-S1292 FSGCSWRM	43	23
>TET2-S1292 FSGCSWSM	13	>TET2-S1292 FSGCSWRM	52	39
>TET2-S1292 FSGCSWSM	469	>TET2-S1292 FSGCSWRM	547	78
>TET2-S1292 FSGCSWSM	327	>TET2-S1292 FSGCSWRM	964	637
>TET2-S1292 FSGCSWSM	318	>TET2-S1292 FSGCSWRM	405	87
>TET2-S1292 FSGCSWSM	42	>TET2-S1292 FSGCSWRM	51	9
>TET2-S1292 FSGCSWSM	112	>TET2-S1292 FSGCSWRM	449	337
>TET2-S1292 FSGCSWSM	103	>TET2-S1292 FSGCSWRM	212	109
>TET2-S1292 FSGCSWSM	22	>TET2-S1292 FSGCSWRM	19	3
>TET2-S1292 FSGCSWSM	6	>TET2-S1292 FSGCSWRM	6	0
>TET2-S1292 FSGCSWSM	14	>TET2-S1292 FSGCSWRM	22	8
>TET2-S1292 FSGCSWSM	24	>TET2-S1292 FSGCSWRM	21	3
>TET2-S1292 FSGCSWS	20140	>TET2-S1292 FSGCSWR	170	19970
>TET2-S1292 FSGCSWS	20424	>TET2-S1292 FSGCSWR	54	20370
>TET2-S1292 FSGCSWS	2828	>TET2-S1292 FSGCSWR	3	2825
>TET2-S1292 FSGCSWSM	27	>TET2-S1292 FSGCSWRM	143	116
>TET2-S1292 FSGCSWSM	32	>TET2-S1292 FSGCSWRM	30	2
>TET2-S1292 FSGCSWSM	73	>TET2-S1292 FSGCSWRM	78	5
>TET2-S1292 FSGCSWSM	82	>TET2-S1292 FSGCSWRM	217	135
>TET2-S1292 FSGCSWSM	158	>TET2-S1292 FSGCSWRM	939	781
>TET2-S1292 FSGCSWSM	58	>TET2-S1292 FSGCSWRM	101	43
>TET2-S1292 FSGCSWSM	46	>TET2-S1292 FSGCSWRM	76	30
>TET2-S1292 FSGCSWSM	93	>TET2-S1292 FSGCSWRM	211	118
>TET2-S1292 FSGCSWSM	439	>TET2-S1292 FSGCSWRM	1025	586
>TET2-S1292 FSGCSWSM	44	>TET2-S1292 FSGCSWRM	384	340
>TET2-S1292 FSGCSWSM	10	>TET2-S1292 FSGCSWRM	30	20
>TET2-S1292 FSGCSWSM	10	>TET2-S1292 FSGCSWRM	16	6
>TET2-S1292 FSGCSWSM	5	>TET2-S1292 FSGCSWRM	5	0

>TET2-S1292 FSFGCSWSM	3	>TET2-S1292 FSFGCSWRM	4	1
>TET2-S1292 FSFGCSWSM	4	>TET2-S1292 FSFGCSWRM	5	1
>TET2-S1292 FSFGCSWSM	37	>TET2-S1292 FSFGCSWRM	93	56
>TET2-S1292 FSFGCSWSM	42	>TET2-S1292 FSFGCSWRM	120	78
>TET2-S1292 FSFGCSWSM	38	>TET2-S1292 FSFGCSWRM	312	274
>TET2-S1292 FSFGCSWSM	472	>TET2-S1292 FSFGCSWRM	655	183
>TET2-S1292 FSFGCSWSM	113	>TET2-S1292 FSFGCSWRM	108	5
>TET2-S1292 FSFGCSWSM	225	>TET2-S1292 FSFGCSWRM	138	87
>TET2-S1292 FSFGCSWSM	106	>TET2-S1292 FSFGCSWRM	97	9
>TET2-S1292 FSFGCSWSM	38	>TET2-S1292 FSFGCSWRM	47	9
>TET2-S1292 FSFGCSWSM	279	>TET2-S1292 FSFGCSWRM	967	688
>TET2-S1292 FSFGCSWSM	20	>TET2-S1292 FSFGCSWRM	27	7
>TET2-S1292 FSFGCSWSM	101	>TET2-S1292 FSFGCSWRM	188	87
>TET2-S1292 FSFGCSWSM	23	>TET2-S1292 FSFGCSWRM	19	4
>TET2-S1292 FSFGCSWSM	50	>TET2-S1292 FSFGCSWRM	122	72
>TET2-S1292 FSFGCSWSM	7	>TET2-S1292 FSFGCSWRM	8	1
>TET2-S1292 FSFGCSWSM	87	>TET2-S1292 FSFGCSWRM	121	34
>TET2-S1292 FSFGCSWSM	28	>TET2-S1292 FSFGCSWRM	26	2
>TET2-S1292 FSFGCSWS	23670	>TET2-S1292 FSFGCSWR	261	23409
>TET2-S1292 FSFGCSWSM	162	>TET2-S1292 FSFGCSWRM	378	216
>TET2-S1292 SFSFGCSWSM	13	>TET2-S1292 SFSFGCSWRM	18	5
>TET2-S1292 SFSFGCSWSM	58	>TET2-S1292 SFSFGCSWRM	137	79
>TET2-S1292 SFSFGCSWS	18969	>TET2-S1292 SFSFGCSWR	81	18888
>TET2-S1292 SFSFGCSWS	25803	>TET2-S1292 SFSFGCSWR	134	25669
>TET2-S1292 SFSFGCSWS	21260	>TET2-S1292 SFSFGCSWR	85	21175
>TET2-S1292 SFSFGCSWSM	128	>TET2-S1292 SFSFGCSWRM	264	136
>TET2-S1292 SFSFGCSWSM	93	>TET2-S1292 SFSFGCSWRM	171	78
>TET2-S1292 SFSFGCSWSM	12	>TET2-S1292 SFSFGCSWRM	95	83
>TET2-S1292 SFSFGCSWSM	112	>TET2-S1292 SFSFGCSWRM	290	178
>TET2-S1292 SFSFGCSWSM	461	>TET2-S1292 SFSFGCSWRM	638	177
>TET2-S1292 ASFSFGCSWS	204	>TET2-S1292 ASFSFGCSWF	97	107
>TET2-S1292 ASFSFGCSWS	9014	>TET2-S1292 ASFSFGCSWF	106	8908
>TET2-S1292 ASFSFGCSWS	24177	>TET2-S1292 ASFSFGCSWF	31	24146
>TET2-S1292 ASFSFGCSWS	9539	>TET2-S1292 ASFSFGCSWF	14	9525
>TET2-S1292 ASFSFGCSWS	135	>TET2-S1292 ASFSFGCSWF	611	476
>TET2-S1292 ASFSFGCSWS	21114	>TET2-S1292 ASFSFGCSWF	182	20932
>TET2-S1292 ASFSFGCSWS	22686	>TET2-S1292 ASFSFGCSWF	8	22678
>TET2-S1292 ASFSFGCSWS	125	>TET2-S1292 ASFSFGCSWF	569	444
>TET2-S1292 ASFSFGCSWS	1711	>TET2-S1292 ASFSFGCSWF	449	1262
>TET2-S1292 ASFSFGCSWS	12	>TET2-S1292 ASFSFGCSWF	50	38
>TET2-S1292 ASFSFGCSWS	6	>TET2-S1292 ASFSFGCSWF	5	1
>TET2-S1292 ASFSFGCSWS	235	>TET2-S1292 ASFSFGCSWF	237	2
>TET2-S1292 ASFSFGCSWS	298	>TET2-S1292 ASFSFGCSWF	412	114

>TET2-S1292 ASFSFGCSWS	211	>TET2-S1292 ASFSFGCSWF	385	174
>TET2-S1292 ASFSFGCSWS	16	>TET2-S1292 ASFSFGCSWF	13	3
>TET2-S1292 ASFSFGCSWS	734	>TET2-S1292 ASFSFGCSWF	65	669
>TET2-S1292 ASFSFGCSWS	505	>TET2-S1292 ASFSFGCSWF	386	119
>TET2-S1292 ASFSFGCSWS	85	>TET2-S1292 ASFSFGCSWF	209	124
>TET2-S1303 SKIPRKFLL	377	>TET2-S1303 NKIPRKFLL	1253	876
>TET2-S1303 RSKIPRKF	138	>TET2-S1303 RNKIPRKF	7838	7700
>TET2-S1303 RSKIPRKF	170	>TET2-S1303 RNKIPRKF	7316	7146
>TET2-S1303 RSKIPRKF	3	>TET2-S1303 RNKIPRKF	7	4
>TET2-S1303 RSKIPRKF	27	>TET2-S1303 RNKIPRKF	1002	975
>TET2-S1303 RSKIPRKFLL	16	>TET2-S1303 RNKIPRKFLL	579	563
>TET2-S1303 RSKIPRKF	23	>TET2-S1303 RNKIPRKF	384	361
>TET2-S1303 RSKIPRKF	44	>TET2-S1303 RNKIPRKF	312	268
>TET2-S1303 RSKIPRKF	3	>TET2-S1303 RNKIPRKF	4591	4588
>TET2-S1303 RSKIPRKF	6	>TET2-S1303 RNKIPRKF	10643	10637
>TET2-S1303 RSKIPRKFLL	12	>TET2-S1303 RNKIPRKFLL	15600	15588
>TET2-S1303 RSKIPRKF	96	>TET2-S1303 RNKIPRKF	11864	11768
>TET2-S1303 RSKIPRKFLL	451	>TET2-S1303 RNKIPRKFLL	12796	12345
>TET2-S1303 RSKIPRKF	53	>TET2-S1303 RNKIPRKF	962	909
>TET2-S1303 RSKIPRKF	152	>TET2-S1303 RNKIPRKF	9507	9355
>TET2-S1303 RSKIPRKFLL	166	>TET2-S1303 RNKIPRKFLL	3286	3120
>TET2-S1303 RSKIPRKFLL	469	>TET2-S1303 RNKIPRKFLL	5443	4974
>TET2-S1303 ARSKIPRKF	72	>TET2-S1303 ARNKIPRKF	73	1
>TET2-S1303 ARSKIPRKF	112	>TET2-S1303 ARNKIPRKF	94	18
>TET2-S1303 ARSKIPRKF	94	>TET2-S1303 ARNKIPRKF	78	16
>TET2-S1303 ARSKIPRKF	64	>TET2-S1303 ARNKIPRKF	54	10
>TET2-S1303 ARSKIPRKF	1879	>TET2-S1303 ARNKIPRKF	480	1399
>TET2-S1303 ARSKIPRKF	230	>TET2-S1303 ARNKIPRKF	249	19
>TET2-S1303 ARSKIPRKF	76	>TET2-S1303 ARNKIPRKF	106	30
>TET2-S1303 ARSKIPRKF	42	>TET2-S1303 ARNKIPRKF	58	16
>TET2-S1303 FARSKIPRKF	49	>TET2-S1303 FARNKIPRKF	42	7
>TET2-S1303 FARSKIPRKF	20	>TET2-S1303 FARNKIPRKF	18	2
>TET2-S1303 FARSKIPR	67	>TET2-S1303 FARNKIPR	91	24
>TET2-S1303 FARSKIPR	79	>TET2-S1303 FARNKIPR	94	15
>TET2-S1303 FARSKIPR	163	>TET2-S1303 FARNKIPR	229	66
>TET2-S1303 FARSKIPRKF	324	>TET2-S1303 FARNKIPRKF	447	123
>TET2-S1303 FARSKIPRKF	36	>TET2-S1303 FARNKIPRKF	50	14
>TET2-S1303 FARSKIPRKF	13	>TET2-S1303 FARNKIPRKF	15	2
>TET2-S1303 FARSKIPRKF	200	>TET2-S1303 FARNKIPRKF	239	39
>TET2-S1303 KFARSKIPRKF	163	>TET2-S1303 KFARNKIPRKF	140	23
>TET2-S1303 KFARSKIPRKF	231	>TET2-S1303 KFARNKIPRKF	196	35
>TET2-S1303 KFARSKIPRKF	103	>TET2-S1303 KFARNKIPRKF	55	48
>TET2-S1303 KFARSKIPR	367	>TET2-S1303 KFARNKIPR	632	265

>TET2-S1303 KFARSKIPRK	19	>TET2-S1303 KFARNKIPRK	23	4
>TET2-S1303 KFARSKIPR	6	>TET2-S1303 KFARNKIPR	7	1
>TET2-S1303 KFARSKIPRK	226	>TET2-S1303 KFARNKIPRK	837	611
>TET2-S1303 KFARSKIPR	15	>TET2-S1303 KFARNKIPR	12	3
>TET2-S1303 KFARSKIPRK	383	>TET2-S1303 KFARNKIPRK	283	100
>TET2-S1303 CKFARSKIPR	196	>TET2-S1303 CKFARNKIPR	396	200
>TET2-S1303 CKFARSKI	59	>TET2-S1303 CKFARNKI	124	65
>TET2-S1303 CKFARSKIPR	125	>TET2-S1303 CKFARNKIPR	222	97
>TET2-S1303 CKFARSKIPR	73	>TET2-S1303 CKFARNKIPR	55	18
>TET2-S1303 CKFARSKI	94	>TET2-S1303 CKFARNKI	211	117
>TET2-S1303 GCKFARSK	46	>TET2-S1303 GCKFARNK	63	17
>TET2-S1303 GCKFARSKIPR	107	>TET2-S1303 GCKFARNKIPR	145	38
>TET2-S1303 GCKFARSKI	261	>TET2-S1303 GCKFARNKI	2734	2473
>TET2-S1303 YYNGCKFARS	311	>TET2-S1303 YYNGCKFARN	185	126
>TET2-S145N DLSDKKESV	98	>TET2-S145N DLNDKKESV	38	60
>TET2-S145N DLSDKKESV	189	>TET2-S145N DLNDKKESV	148	41
>TET2-S145N DLSDKKESV	35	>TET2-S145N DLNDKKESV	50	15
>TET2-S145N DLSDKKESV	6	>TET2-S145N DLNDKKESV	7	1
>TET2-S145N SDLSDKKESV	172	>TET2-S145N SDLNDKKESV	272	100
>TET2-S145N VSDLSDKK	282	>TET2-S145N VSDLNDKK	542	260
>TET2-S145N NVSDLSDK	277	>TET2-S145N NVSDLNDK	437	160
>TET2-S145N NVSDLSDKK	121	>TET2-S145N NVSDLNDKK	191	70
>TET2-S145N NVSDLSDK	62	>TET2-S145N NVSDLNDK	73	11
>TET2-S145N NVSDLSDKK	30	>TET2-S145N NVSDLNDKK	25	5
>TET2-S1556 SVNSYSASGS	948	>TET2-S1556 YVNSYSASGS	98	850
>TET2-S1556 SVNSYSASG	1135	>TET2-S1556 YVNSYSASG	330	805
>TET2-S1556 ESVNSYSA	54	>TET2-S1556 EYVNSYSA	2552	2498
>TET2-S1556 QQQPHHPQ1	8841	>TET2-S1556 QQQPHHPQ1	61	8780
>TET2-S1556 QQQPHHPQ1	19492	>TET2-S1556 QQQPHHPQ1	169	19323
>TET2-S1556 QQQPHHPQ1	3840	>TET2-S1556 QQQPHHPQ1	14	3826
>TET2-S1556 TESVNSYSA	5247	>TET2-S1556 TEYVNSYSA	304	4943
>TET2-S1556 TESVNSYSA	825	>TET2-S1556 TEYVNSYSA	159	666
>TET2-S1556 TESVNSYSA	142	>TET2-S1556 TEYVNSYSA	41	101
>TET2-S1556 TESVNSYSAS	439	>TET2-S1556 TEYVNSYSAS	256	183
>TET2-S1556 TESVNSYSA	24	>TET2-S1556 TEYVNSYSA	20	4
>TET2-S1556 TESVNSYSAS	1046	>TET2-S1556 TEYVNSYSAS	290	756
>TET2-S1556 QTESVNSY	27	>TET2-S1556 QTEYVNSY	33	6
>TET2-S1556 QTESVNSY	146	>TET2-S1556 QTEYVNSY	95	51
>TET2-S1556 QTESVNSY	348	>TET2-S1556 QTEYVNSY	382	34
>TET2-S1556 QTESVNSY	75	>TET2-S1556 QTEYVNSY	82	7
>TET2-S1556 QTESVNSY	92	>TET2-S1556 QTEYVNSY	109	17
>TET2-S1556 QTESVNSY	97	>TET2-S1556 QTEYVNSY	158	61
>TET2-S1556 QTESVNSYS	131	>TET2-S1556 QTEYVNSYS	195	64

>TET2-S1556 QTESVNSYSA	399	>TET2-S1556 QTEYVNSYSA	606	207
>TET2-S1556 QTESVNSY	377	>TET2-S1556 QTEYVNSY	364	13
>TET2-S1556 PQTESVNSY	41	>TET2-S1556 PQTEYVNSY	63	22
>TET2-S1556 HPQTESVNSY	107	>TET2-S1556 HPQTEYVNSY	110	3
>TET2-S1556 HPQTESVNSY	10	>TET2-S1556 HPQTEYVNSY	12	2
>TET2-S1556 HPQTESVNSY	1288	>TET2-S1556 HPQTEYVNSY	486	802
>TET2-S1556 HHPQTESVN!	313	>TET2-S1556 HHPQTEYVN!	557	244
>TET2-S1556 QPHHPQTES'	446	>TET2-S1556 QPHHPQTEY'	1491	1045
>TET2-S1556 QPHHPQTES	18191	>TET2-S1556 QPHHPQTEY	483	17708
>TET2-S1556 QPHHPQTES	4849	>TET2-S1556 QPHHPQTEY	35	4814
>TET2-S1556 QPHHPQTES'	157	>TET2-S1556 QPHHPQTEY'	150	7
>TET2-S1556 QPHHPQTES	17529	>TET2-S1556 QPHHPQTEY	67	17462
>TET2-S1556 QQPHPHQTE	204	>TET2-S1556 QQPHPHQTE	171	33
>TET2-S1556 QQPHPHQTE	81	>TET2-S1556 QQPHPHQTE	50	31
>TET2-S1556 QQPHPHQTE	2117	>TET2-S1556 QQPHPHQTE	440	1677
>TET2-S1556 QQPHPHQTE	16949	>TET2-S1556 QQPHPHQTE	221	16728
>TET2-S1556 QQPHPHQTE	24295	>TET2-S1556 QQPHPHQTE	419	23876
>TET2-S1556 QQPHPHQTE	4678	>TET2-S1556 QQPHPHQTE	18	4660
>TET2-S1556 QQPHPHQTE	279	>TET2-S1556 QQPHPHQTE	688	409
>TET2-S1898 SLVFIYQHK	6499	>TET2-S1898 FLVFIYQHK	491	6008
>TET2-S1898 SLVFIYQHKS	557	>TET2-S1898 FLVFIYQHKS	22	535
>TET2-S1898 SLVFIYQHKS	1190	>TET2-S1898 FLVFIYQHKS	247	943
>TET2-S1898 SLVFIYQHKS	3495	>TET2-S1898 FLVFIYQHKS	276	3219
>TET2-S1898 SLVFIYQHKS	1441	>TET2-S1898 FLVFIYQHKS	419	1022
>TET2-S1898 SLVFIYQHKS	1683	>TET2-S1898 FLVFIYQHKS	234	1449
>TET2-S1898 SLVFIYQHKS	380	>TET2-S1898 FLVFIYQHKS	58	322
>TET2-S1898 SLVFIYQHKS	2050	>TET2-S1898 FLVFIYQHKS	360	1690
>TET2-S1898 SLVFIYQHK	2497	>TET2-S1898 FLVFIYQHK	203	2294
>TET2-S1898 SLVFIYQHK	590	>TET2-S1898 FLVFIYQHK	48	542
>TET2-S1898 SLVFIYQHKS	283	>TET2-S1898 FLVFIYQHKS	31	252
>TET2-S1898 SLVFIYQHK	160	>TET2-S1898 FLVFIYQHK	630	470
>TET2-S1898 SLVFIYQHK	76	>TET2-S1898 FLVFIYQHK	1576	1500
>TET2-S1898 SLVFIYQHK	382	>TET2-S1898 FLVFIYQHK	111	271
>TET2-S1898 SLVFIYQHKS	621	>TET2-S1898 FLVFIYQHKS	370	251
>TET2-S1898 SLVFIYQHKS	695	>TET2-S1898 FLVFIYQHKS	123	572
>TET2-S1898 SLVFIYQHKS	458	>TET2-S1898 FLVFIYQHKS	735	277
>TET2-S1898 ISLVFIYQHK	225	>TET2-S1898 IFLVFIYQHK	1841	1616
>TET2-S1898 ISLVFIYQHKS	34	>TET2-S1898 IFLVFIYQHKS	103	69
>TET2-S1898 ISLVFIYQHK	451	>TET2-S1898 IFLVFIYQHK	4775	4324
>TET2-S1898 ISLVFIYQHK	42	>TET2-S1898 IFLVFIYQHK	2121	2079
>TET2-S1898 ISLVFIYQHK	9319	>TET2-S1898 IFLVFIYQHK	199	9120
>TET2-S1898 ISLVFIYQH	4891	>TET2-S1898 IFLVFIYQH	426	4465
>TET2-S1898 ISLVFIYQHK	15	>TET2-S1898 IFLVFIYQHK	39	24

>TET2-S1898 ISLVFYQHK	93	>TET2-S1898 IFLVFYQHK	62	31
>TET2-S1898 ISLVFYQHK	2085	>TET2-S1898 IFLVFYQHK	209	1876
>TET2-S1898 ISLVFYQHK	474	>TET2-S1898 IFLVFYQHK	4721	4247
>TET2-S1898 ISLVFYQHKS	31	>TET2-S1898 IFLVFYQHKS	547	516
>TET2-S1898 ISLVFYQHKS	8	>TET2-S1898 IFLVFYQHKS	20786	20778
>TET2-S1898 ISLVFYQHKS	135	>TET2-S1898 IFLVFYQHKS	20710	20575
>TET2-S1898 ISLVFYQHKS	50	>TET2-S1898 IFLVFYQHKS	1911	1861
>TET2-S1898 ISLVFYQH	359	>TET2-S1898 IFLVFYQH	4288	3929
>TET2-S1898 ISLVFYQHK	172	>TET2-S1898 IFLVFYQHK	1305	1133
>TET2-S1898 ISLVFYQHK	3500	>TET2-S1898 IFLVFYQHK	164	3336
>TET2-S1898 NPNRNHPTR	8059	>TET2-S1898 NPNRNHPTR	60	7999
>TET2-S1898 NPNRNHPTR	4413	>TET2-S1898 NPNRNHPTR	84	4329
>TET2-S1898 NPNRNHPTR	11258	>TET2-S1898 NPNRNHPTR	136	11122
>TET2-S1898 NPNRNHPTR	24706	>TET2-S1898 NPNRNHPTR	279	24427
>TET2-S1898 RISLVFYQH	758	>TET2-S1898 RIFLVFYQH	177	581
>TET2-S1898 RISLVFYQHK	34	>TET2-S1898 RIFLVFYQHK	28	6
>TET2-S1898 RISLVFYQH	222	>TET2-S1898 RIFLVFYQH	61	161
>TET2-S1898 RISLVFYQHK	13	>TET2-S1898 RIFLVFYQHK	15	2
>TET2-S1898 RISLVFYQHK	19	>TET2-S1898 RIFLVFYQHK	7	12
>TET2-S1898 RISLVFYQ	775	>TET2-S1898 RIFLVFYQ	165	610
>TET2-S1898 RISLVFYQH	291	>TET2-S1898 RIFLVFYQH	71	220
>TET2-S1898 RISLVFYQHK	60	>TET2-S1898 RIFLVFYQHK	69	9
>TET2-S1898 RISLVFYQH	1513	>TET2-S1898 RIFLVFYQH	113	1400
>TET2-S1898 RISLVFYQHK	395	>TET2-S1898 RIFLVFYQHK	157	238
>TET2-S1898 RISLVFYQHK	264	>TET2-S1898 RIFLVFYQHK	181	83
>TET2-S1898 RISLVFYQ	573	>TET2-S1898 RIFLVFYQ	107	466
>TET2-S1898 RISLVFYQHK	187	>TET2-S1898 RIFLVFYQHK	48	139
>TET2-S1898 TRISLVFY	172	>TET2-S1898 TRIFLVFY	332	160
>TET2-S1898 TRISLVFY	223	>TET2-S1898 TRIFLVFY	125	98
>TET2-S1898 TRISLVFY	456	>TET2-S1898 TRIFLVFY	564	108
>TET2-S1898 TRISLVFY	396	>TET2-S1898 TRIFLVFY	235	161
>TET2-S1898 TRISLVFY	180	>TET2-S1898 TRIFLVFY	539	359
>TET2-S1898 TRISLVFY	247	>TET2-S1898 TRIFLVFY	445	198
>TET2-S1898 TRISLVFYQH	107	>TET2-S1898 TRIFLVFYQH	147	40
>TET2-S1898 TRISLVFYQH	908	>TET2-S1898 TRIFLVFYQH	291	617
>TET2-S1898 PTRISLVFY	57	>TET2-S1898 PTRIFLVFY	75	18
>TET2-S1898 PTRISLVFY	380	>TET2-S1898 PTRIFLVFY	621	241
>TET2-S1898 PTRISLVFY	393	>TET2-S1898 PTRIFLVFY	144	249
>TET2-S1898 PTRISLVFY	40	>TET2-S1898 PTRIFLVFY	47	7
>TET2-S1898 PTRISLVFYQ	224	>TET2-S1898 PTRIFLVFYQ	239	15
>TET2-S1898 PTRISLVFY	332	>TET2-S1898 PTRIFLVFY	226	106
>TET2-S1898 PTRISLVF	520	>TET2-S1898 PTRIFLVF	474	46
>TET2-S1898 PTRISLVF	11	>TET2-S1898 PTRIFLVF	60	49

>TET2-S1898 PTRISLVFY	17	>TET2-S1898 PTRIFLVFY	85	68
>TET2-S1898 PTRISLVFY	797	>TET2-S1898 PTRIFLVFY	430	367
>TET2-S1898 HPTRISLVF	1617	>TET2-S1898 HPTRIFLVF	480	1137
>TET2-S1898 HPTRISLVFY	980	>TET2-S1898 HPTRIFLVFY	377	603
>TET2-S1898 HPTRISLV	1406	>TET2-S1898 HPTRIFLV	444	962
>TET2-S1898 HPTRISLVFY	167	>TET2-S1898 HPTRIFLVFY	102	65
>TET2-S1898 HPTRISLV	361	>TET2-S1898 HPTRIFLV	989	628
>TET2-S1898 HPTRISLVF	51	>TET2-S1898 HPTRIFLVF	63	12
>TET2-S1898 HPTRISLVF	706	>TET2-S1898 HPTRIFLVF	459	247
>TET2-S1898 HPTRISLVF	12	>TET2-S1898 HPTRIFLVF	15	3
>TET2-S1898 HPTRISLVFY	198	>TET2-S1898 HPTRIFLVFY	247	49
>TET2-S1898 HPTRISLV	1527	>TET2-S1898 HPTRIFLV	342	1185
>TET2-S1898 HPTRISLVF	164	>TET2-S1898 HPTRIFLVF	51	113
>TET2-S1898 HPTRISLVFY	432	>TET2-S1898 HPTRIFLVFY	359	73
>TET2-S1898 HPTRISLV	201	>TET2-S1898 HPTRIFLV	30	171
>TET2-S1898 HPTRISLVF	11	>TET2-S1898 HPTRIFLVF	21	10
>TET2-S1898 HPTRISLVFY	12	>TET2-S1898 HPTRIFLVFY	14	2
>TET2-S1898 HPTRISLVF	62	>TET2-S1898 HPTRIFLVF	24	38
>TET2-S1898 HPTRISLVFY	498	>TET2-S1898 HPTRIFLVFY	166	332
>TET2-S1898 NHPTRISLVF	428	>TET2-S1898 NHPTRIFLVF	288	140
>TET2-S1898 NHPTRISLVF	1319	>TET2-S1898 NHPTRIFLVF	283	1036
>TET2-S1898 NHPTRISL	187	>TET2-S1898 NHPTRIFL	752	565
>TET2-S1898 RNHPTRISL	18	>TET2-S1898 RNHPTRIFL	9	9
>TET2-S1898 RNHPTRISLV	55	>TET2-S1898 RNHPTRIFLV	39	16
>TET2-S1898 RNHPTRISLVI	129	>TET2-S1898 RNHPTRIFLVI	174	45
>TET2-S1898 RNHPTRIS	14001	>TET2-S1898 RNHPTRIF	29	13972
>TET2-S1898 RNHPTRISL	328	>TET2-S1898 RNHPTRIFL	711	383
>TET2-S1898 RNHPTRISLVI	16	>TET2-S1898 RNHPTRIFLVI	18	2
>TET2-S1898 RNHPTRISLVI	430	>TET2-S1898 RNHPTRIFLVI	1089	659
>TET2-S1898 RNHPTRIS	15089	>TET2-S1898 RNHPTRIF	178	14911
>TET2-S1898 RNHPTRISLVI	515	>TET2-S1898 RNHPTRIFLVI	453	62
>TET2-S1898 RNHPTRISL	731	>TET2-S1898 RNHPTRIFL	264	467
>TET2-S1898 RNHPTRISL	979	>TET2-S1898 RNHPTRIFL	259	720
>TET2-S1898 RNHPTRISL	438	>TET2-S1898 RNHPTRIFL	682	244
>TET2-S1898 NRNHPTRIS	9528	>TET2-S1898 NRNHPTRIF	40	9488
>TET2-S1898 NRNHPTRISL	423	>TET2-S1898 NRNHPTRIFL	1104	681
>TET2-S1898 NRNHPTRISL	420	>TET2-S1898 NRNHPTRIFL	174	246
>TET2-S1898 NRNHPTRISL	91	>TET2-S1898 NRNHPTRIFL	357	266
>TET2-S1898 NRNHPTRISL	962	>TET2-S1898 NRNHPTRIFL	450	512
>TET2-S1898 NRNHPTRISL	785	>TET2-S1898 NRNHPTRIFL	335	450
>TET2-S282F SELPPKPAAV	515	>TET2-S282F FELPPKPAAV	395	120
>TET2-S282F SELPPKPAAV	1878	>TET2-S282F FELPPKPAAV	302	1576
>TET2-S282F SELPPKPAAV	1633	>TET2-S282F FELPPKPAAV	223	1410



>TET2-S282F SELPPKPAAV	528	>TET2-S282F FELPPKPAAV	79	449
>TET2-S282F SELPPKPAAV	1472	>TET2-S282F FELPPKPAAV	227	1245
>TET2-S282F SELPPKPAAV	732	>TET2-S282F FELPPKPAAV	298	434
>TET2-S282F SELPPKPA	1134	>TET2-S282F FELPPKPA	426	708
>TET2-S282F SELPPKPA	923	>TET2-S282F FELPPKPA	345	578
>TET2-S282F SELPPKPAAV	689	>TET2-S282F FELPPKPAAV	366	323
>TET2-S282F SELPPKPAAV	497	>TET2-S282F FELPPKPAAV	5980	5483
>TET2-S282F SELPPKPA	53	>TET2-S282F FELPPKPA	588	535
>TET2-S282F SELPPKPA	23	>TET2-S282F FELPPKPA	184	161
>TET2-S282F SELPPKPAAV	267	>TET2-S282F FELPPKPAAV	1727	1460
>TET2-S282F SELPPKPAAV	101	>TET2-S282F FELPPKPAAV	1173	1072
>TET2-S282F SELPPKPA	16672	>TET2-S282F FELPPKPA	324	16348
>TET2-S282F SELPPKPAAV	280	>TET2-S282F FELPPKPAAV	40	240
>TET2-S282F SELPPKPAAV	175	>TET2-S282F FELPPKPAAV	74	101
>TET2-S282F NSELPPKPA	23835	>TET2-S282F NFELPPKPA	425	23410
>TET2-S282F GQINSAQTSN	6279	>TET2-S282F GQINSAQTSN	38	6241
>TET2-S282F GQINSAQTSN	16121	>TET2-S282F GQINSAQTSN	218	15903
>TET2-S282F GQINSAQTSN	1295	>TET2-S282F GQINSAQTSN	3	1292
>TET2-S282F SSELPPK	724	>TET2-S282F SNFELPPK	107	617
>TET2-S282F SSELPPK	2022	>TET2-S282F SNFELPPK	378	1644
>TET2-S282F SSELPPK	2025	>TET2-S282F SNFELPPK	430	1595
>TET2-S282F TSNSELPPK	16	>TET2-S282F TSNFELPPK	11	5
>TET2-S282F TSNSELPPK	88	>TET2-S282F TSNFELPPK	58	30
>TET2-S282F TSNSELPPK	257	>TET2-S282F TSNFELPPK	147	110
>TET2-S282F QTSNSELPPK	280	>TET2-S282F QTSNFELPPK	85	195
>TET2-S282F QTSNSELPPK	12	>TET2-S282F QTSNFELPPK	8	4
>TET2-S282F QTSNSELPPK	41	>TET2-S282F QTSNFELPPK	42	1
>TET2-S282F QTSNSELPPK	39	>TET2-S282F QTSNFELPPK	19	20
>TET2-S282F QTSNSELPPK	145	>TET2-S282F QTSNFELPPK	115	30
>TET2-S282F AQTSNSEL	498	>TET2-S282F AQTSNFEL	173	325
>TET2-S282F AQTSNSEL	202	>TET2-S282F AQTSNFEL	17	185
>TET2-S282F AQTSNSELPP	122	>TET2-S282F AQTSNFELPP	66	56
>TET2-S282F AQTSNSEL	28	>TET2-S282F AQTSNFEL	53	25
>TET2-S282F AQTSNSEL	1188	>TET2-S282F AQTSNFEL	308	880
>TET2-S282F SAQTSNSEL	314	>TET2-S282F SAQTSNFEL	290	24
>TET2-S282F SAQTSNSEL	211	>TET2-S282F SAQTSNFEL	4951	4740
>TET2-S282F NSAQTSNSEL	694	>TET2-S282F NSAQTSNFEL	396	298
>TET2-S282F NSAQTSNSEL	1599	>TET2-S282F NSAQTSNFEL	295	1304
>TET2-S282F NSAQTSNS	17686	>TET2-S282F NSAQTSNF	126	17560
>TET2-S282F NSAQTSNS	18342	>TET2-S282F NSAQTSNF	23	18319
>TET2-S282F NSAQTSNSEL	296	>TET2-S282F NSAQTSNFEL	372	76
>TET2-S282F NSAQTSNSEL	433	>TET2-S282F NSAQTSNFEL	407	26
>TET2-S282F NSAQTSNS	18397	>TET2-S282F NSAQTSNF	213	18184

>TET2-S282F NSAQTSNSEL	88	>TET2-S282F NSAQTSNFEL	705	617
>TET2-S282F INSAQTSNS	15758	>TET2-S282F INSAQTSNF	48	15710
>TET2-S282F QINSAQTSNS	18244	>TET2-S282F QINSAQTSNF	291	17953
>TET2-S282F QINSAQTSNS	15090	>TET2-S282F QINSAQTSNF	88	15002
>TET2-S460F SQSPNPSTHV	2546	>TET2-S460F FQSPNPSTHV	319	2227
>TET2-S460F SQSPNPSTHV	316	>TET2-S460F FQSPNPSTHV	66	250
>TET2-S460F SQSPNPSTHV	141	>TET2-S460F FQSPNPSTHV	44	97
>TET2-S460F SQSPNPST	881	>TET2-S460F FQSPNPST	58	823
>TET2-S460F SQSPNPSTHV	363	>TET2-S460F FQSPNPSTHV	63	300
>TET2-S460F SQSPNPSTHV	2754	>TET2-S460F FQSPNPSTHV	190	2564
>TET2-S460F SQSPNPSTHV	161	>TET2-S460F FQSPNPSTHV	26	135
>TET2-S460F SQSPNPSTHV	162	>TET2-S460F FQSPNPSTHV	25	137
>TET2-S460F SQSPNPSTHV	99	>TET2-S460F FQSPNPSTHV	37	62
>TET2-S460F SQSPNPSTHV	4565	>TET2-S460F FQSPNPSTHV	401	4164
>TET2-S460F SQSPNPSTHV	251	>TET2-S460F FQSPNPSTHV	19	232
>TET2-S460F SQSPNPSTHV	345	>TET2-S460F FQSPNPSTHV	209	136
>TET2-S460F SQSPNPSTH	138	>TET2-S460F FQSPNPSTH	25	113
>TET2-S460F SQSPNPSTHV	62	>TET2-S460F FQSPNPSTHV	17	45
>TET2-S460F SQSPNPSTHV	1529	>TET2-S460F FQSPNPSTHV	342	1187
>TET2-S460F SQSPNPSTHV	2423	>TET2-S460F FQSPNPSTHV	337	2086
>TET2-S460F KIEGKPEAPP	10502	>TET2-S460F KIEGKPEAPP	59	10443
>TET2-S460F KIEGKPEAPP	23603	>TET2-S460F KIEGKPEAPP	411	23192
>TET2-S460F EAPPSQSPNF	399	>TET2-S460F EAPPFQSPNF	200	199
>TET2-S460F GKPEAPPS	16080	>TET2-S460F GKPEAPPF	49	16031
>TET2-S460F IEGKPEAPPS	21424	>TET2-S460F IEGKPEAPPF	160	21264
>TET2-S817T SPYSQTMK	803	>TET2-S817T TPYSQTMK	246	557
>TET2-S817T SPYSQTMKSS	68	>TET2-S817T TPYSQTMKSS	318	250
>TET2-S817T SPYSQTMKSS	112	>TET2-S817T TPYSQTMKSS	90	22
>TET2-S817T NSPYSQTMK	77	>TET2-S817T NTPYSQTMK	17	60
>TET2-S817T NSPYSQTM	32	>TET2-S817T NTPYSQTM	16	16
>TET2-S817T EEVQNINRRN	1081	>TET2-S817T EEVQNINRRN	253	828
>TET2-S817T RNSPYSQTM	325	>TET2-S817T RNTSYSQTM	614	289
>TET2-S817T RNSPYSQTM	328	>TET2-S817T RNTSYSQTM	3074	2746
>TET2-S817T RNSPYSQTM	129	>TET2-S817T RNTSYSQTM	331	202
>TET2-S817T RNSPYSQTM	227	>TET2-S817T RNTSYSQTM	328	101
>TET2-S817T RNSPYSQTM	134	>TET2-S817T RNTSYSQTM	137	3
>TET2-S817T RRNSPYSQTM	8	>TET2-S817T RRNTSYSQTM	12	4
>TET2-S817T RRNSPYSQTM	160	>TET2-S817T RRNTSYSQTM	308	148
>TET2-S817T RRNSPYSQTM	27	>TET2-S817T RRNTSYSQTM	28	1
>TET2-S817T RRNSPYSQTM	69	>TET2-S817T RRNTSYSQTM	70	1
>TET2-S817T RRNSPYSQ	533	>TET2-S817T RRNTSYSQ	161	372
>TET2-S817T RRNSPYSQT	285	>TET2-S817T RRNTSYSQT	189	96
>TET2-S817T RRNSPYSQTM	39	>TET2-S817T RRNTSYSQTM	29	10

>TET2-S817T RRNSPYSQTM	309	>TET2-S817T RRNTPYSQTM	218	91
>TET2-S817T RRNSPYSQTM	26	>TET2-S817T RRNTPYSQTM	22	4
>TET2-S817T RRNSPYSQTM	372	>TET2-S817T RRNTPYSQTM	235	137
>TET2-S817T NRRNSPYSQTM	41	>TET2-S817T NRRNTPYSQTM	67	26
>TET2-S817T INRRNSPY	397	>TET2-S817T INRRNTPY	918	521
>TET2-S817T INRRNSPYS	82	>TET2-S817T INRRNTPYS	125	43
>TET2-S817T INRRNSPY	177	>TET2-S817T INRRNTPY	252	75
>TET2-S817T INRRNSPY	325	>TET2-S817T INRRNTPY	699	374
>TET2-S817T INRRNSPY	45	>TET2-S817T INRRNTPY	54	9
>TET2-S817T NINRRNSPY	138	>TET2-S817T NINRRNTPY	177	39
>TET2-S817T NINRRNSPY	95	>TET2-S817T NINRRNTPY	282	187
>TET2-S817T NINRRNSPY	306	>TET2-S817T NINRRNTPY	321	15
>TET2-S817T QNINRRNSPY	206	>TET2-S817T QNINRRNTPY	416	210
>TET2-S817T QNINRRNSPY	383	>TET2-S817T QNINRRNTPY	757	374
>TET2-S817T QNINRRNSPY	358	>TET2-S817T QNINRRNTPY	502	144
>TET2-S817T QNINRRNSPY	464	>TET2-S817T QNINRRNTPY	971	507
>TET2-S817T QNINRRNSPY	240	>TET2-S817T QNINRRNTPY	313	73
>TET2-S817T VQNINRRNSP	57	>TET2-S817T VQNINRRNTP	154	97
>TET2-S817T VQNINRRNSP	65	>TET2-S817T VQNINRRNTP	70	5
>TET2-S817T VQNINRRNSP	174	>TET2-S817T VQNINRRNTP	320	146
>TET2-S817T VQNINRRNSP	9	>TET2-S817T VQNINRRNTP	11	2
>TET2-T1270 RTCACQGL	21483	>TET2-T1270 RPCACQGL	39	21444
>TET2-T1270 RTCACQGL	17081	>TET2-T1270 RPCACQGL	197	16884
>TET2-T1270 RTCACQGL	7	>TET2-T1270 RPCACQGL	12292	12285
>TET2-T1270 RTCACQGL	253	>TET2-T1270 RPCACQGL	13216	12963
>TET2-T1270 RTCACQGL	116	>TET2-T1270 RPCACQGL	5935	5819
>TET2-T1270 EERTCACQGL	285	>TET2-T1270 EERPCACQGL	349	64
>TET2-T1270 EERTCACQGL	653	>TET2-T1270 EERPCACQGL	482	171
>TET2-T1270 EERTCACQGL	97	>TET2-T1270 EERPCACQGL	105	8
>TET2-T1270 NEERTCACQGL	50	>TET2-T1270 NEERPCACQGL	340	290
>TET2-T1270 NEERTCACQGL	359	>TET2-T1270 NEERPCACQGL	398	39
>TET2-T1270 ALNEERTCA	233	>TET2-T1270 ALNEERPCA	793	560
>TET2-T1270 ALNEERTCA	116	>TET2-T1270 ALNEERPCA	674	558
>TET2-T1270 ALNEERTC	253	>TET2-T1270 ALNEERPC	301	48
>TET2-T1270 ALNEERTCA	982	>TET2-T1270 ALNEERPCA	341	641
>TET2-T1270 ALNEERTCAC	94	>TET2-T1270 ALNEERPCAC	55	39
>TET2-T1270 ALNEERTCAC	469	>TET2-T1270 ALNEERPCAC	563	94
>TET2-T1270 ALNEERTCA	286	>TET2-T1270 ALNEERPCA	53	233
>TET2-T1270 ALNEERTC	70	>TET2-T1270 ALNEERPC	162	92
>TET2-T1270 ALNEERTCA	25	>TET2-T1270 ALNEERPCA	17	8
>TET2-T1270 ALNEERTCAC	15	>TET2-T1270 ALNEERPCAC	17	2
>TET2-T1270 ALNEERTCAC	169	>TET2-T1270 ALNEERPCAC	136	33
>TET2-T1270 RRCALNEERT	107	>TET2-T1270 RRCALNEERP	1014	907

>TET2-T1270 RRCALNEERT	283	>TET2-T1270 RRCALNEERP	1740	1457
>TET2-T1270 RRCALNEERT	291	>TET2-T1270 RRCALNEERP	613	322
>TET2-T1270 RRCALNEERT	230	>TET2-T1270 RRCALNEERP	1888	1658
>TET2-T1270 RRCALNEERT	495	>TET2-T1270 RRCALNEERP	1018	523
>TET2-T1372 VTACLDFCA	1579	>TET2-T1372 VIACLDFCA	409	1170
>TET2-T1372 VTACLDFCAH	795	>TET2-T1372 VIACLDFCAH	178	617
>TET2-T1372 VTACLDFCAH	1213	>TET2-T1372 VIACLDFCAH	207	1006
>TET2-T1372 VTACLDFCA	1430	>TET2-T1372 VIACLDFCA	436	994
>TET2-T1372 VTACLDFCAH	549	>TET2-T1372 VIACLDFCAH	167	382
>TET2-T1372 VTACLDFCA	69	>TET2-T1372 VIACLDFCA	489	420
>TET2-T1372 VTACLDFCAH	31	>TET2-T1372 VIACLDFCAH	277	246
>TET2-T1372 GVTACLDFCA	1136	>TET2-T1372 GVIACLDFCA	360	776
>TET2-T1372 GVTACLDFC	807	>TET2-T1372 GVIACLDFC	122	685
>TET2-T1372 GVTACLDFCA	2585	>TET2-T1372 GVIACLDFCA	432	2153
>TET2-T1372 GVTACLDF	1147	>TET2-T1372 GVIACLDF	375	772
>TET2-T1372 GVTACLDF	5894	>TET2-T1372 GVIACLDF	496	5398
>TET2-T1372 SGVTACLDF	109	>TET2-T1372 SGVIACLDF	2024	1915
>TET2-T1372 FSGVTAACL	1130	>TET2-T1372 FSGVIACL	404	726
>TET2-T1372 FSGVTAACLDF	485	>TET2-T1372 FSGVIACLDF	930	445
>TET2-T1372 FSGVTAACLDF	94	>TET2-T1372 FSGVIACLDF	280	186
>TET2-T1372 FSGVTAACLDF	27	>TET2-T1372 FSGVIACLDF	43	16
>TET2-T1372 FSGVTAACLDF	402	>TET2-T1372 FSGVIACLDF	726	324
>TET2-T1372 FSGVTAACL	74	>TET2-T1372 FSGVIACL	118	44
>TET2-T1372 FSGVTAACLDF	354	>TET2-T1372 FSGVIACLDF	376	22
>TET2-T1372 PFSGVTAACLD	274	>TET2-T1372 PFSGVIACLDI	256	18
>TET2-T1372 PFSGVTAACLD	206	>TET2-T1372 PFSGVIACLDI	221	15
>TET2-T1372 PFSGVTAACLD	390	>TET2-T1372 PFSGVIACLDI	637	247
>TET2-T1372 RPFSGVTAACL	57	>TET2-T1372 RPFSGVIACL	32	25
>TET2-T1372 RPFSGVTA	124	>TET2-T1372 RPFSGVIA	158	34
>TET2-T1372 RPFSGVTAC	138	>TET2-T1372 RPFSGVIAC	517	379
>TET2-T1372 RPFSGVTAACL	57	>TET2-T1372 RPFSGVIACL	79	22
>TET2-T1372 RPFSGVTAACL	242	>TET2-T1372 RPFSGVIACL	345	103
>TET2-T1372 RPFSGVTAC	944	>TET2-T1372 RPFSGVIAC	483	461
>TET2-T1372 RPFSGVTAACL	35	>TET2-T1372 RPFSGVIACL	35	0
>TET2-T1372 RPFSGVTA	181	>TET2-T1372 RPFSGVIA	150	31
>TET2-T1372 RPFSGVTAACL	640	>TET2-T1372 RPFSGVIACL	444	196
>TET2-T1372 GRPFSGVTAAC	46	>TET2-T1372 GRPFSGVIAAC	39	7
>TET2-T1372 EGRPFSGVTA	34842	>TET2-T1372 EGRPFSGVI	373	34469
>TET2-T1372 KEGRPFSGVTA	17794	>TET2-T1372 KEGRPFSGVI	155	17639
>TET2-T1372 KEGRPFSGVTA	28	>TET2-T1372 KEGRPFSGVI	31	3
>TET2-T1372 KEGRPFSGVTA	2549	>TET2-T1372 KEGRPFSGVI	24	2525
>TET2-T1393 TLVCTLTR	442	>TET2-T1393 PLVCTLTR	6016	5574
>TET2-T1393 TLVCTLTR	66	>TET2-T1393 PLVCTLTR	5032	4966

>TET2-T1393 TLVCTLTR	101	>TET2-T1393 PLVCTLTR	173	72
>TET2-T1393 STLVCTLTR	37	>TET2-T1393 SPLVCTLTR	15759	15722
>TET2-T1393 STLVCTLTR	42	>TET2-T1393 SPLVCTLTR	3165	3123
>TET2-T1393 STLVCTLTR	424	>TET2-T1393 SPLVCTLTR	7713	7289
>TET2-T1393 STLVCTLTR	65	>TET2-T1393 SPLVCTLTR	4622	4557
>TET2-T1393 STLVCTLTR	62	>TET2-T1393 SPLVCTLTR	1142	1080
>TET2-T1393 STLVCTLTR	52	>TET2-T1393 SPLVCTLTR	79	27
>TET2-T1393 GSTLVCTLTR	150	>TET2-T1393 GSPLVCTLTR	213	63
>TET2-T1393 GSTLVCTLTR	173	>TET2-T1393 GSPLVCTLTR	359	186
>TET2-T1393 GSTLVCTLTR	287	>TET2-T1393 GSPLVCTLTR	259	28
>TET2-T1393 GSTLVCTL	173	>TET2-T1393 GSPLVCTL	2470	2297
>TET2-T1393 GSTLVCTL	3611	>TET2-T1393 GSPLVCTL	44	3567
>TET2-T1393 GSTLVCTL	242	>TET2-T1393 GSPLVCTL	3807	3565
>TET2-T1393 NGSTLVCTL	385	>TET2-T1393 NGSPLVCTL	397	12
>TET2-T1393 NGSTLVCTL	113	>TET2-T1393 NGSPLVCTL	138	25
>TET2-T1393 MQNGSTLV	58	>TET2-T1393 MQNGSPLV	44	14
>TET2-T1393 MQNGSTLVC	337	>TET2-T1393 MQNGSPLVC	420	83
>TET2-T1393 MQNGSTLV	20	>TET2-T1393 MQNGSPLV	75	55
>TET2-T1393 MQNGSTLVC	51	>TET2-T1393 MQNGSPLVC	108	57
>TET2-T1393 MQNGSTLV	6	>TET2-T1393 MQNGSPLV	12	6
>TET2-T1393 MQNGSTLVC	53	>TET2-T1393 MQNGSPLVC	62	9
>TET2-T1393 MQNGSTLV	6	>TET2-T1393 MQNGSPLV	10	4
>TET2-T1393 MQNGSTLVC	19	>TET2-T1393 MQNGSPLVC	48	29
>TET2-T1393 MQNGSTLV	73	>TET2-T1393 MQNGSPLV	34	39
>TET2-T1393 MQNGSTLVC	137	>TET2-T1393 MQNGSPLVC	87	50
>TET2-T1393 MQNGSTLV	218	>TET2-T1393 MQNGSPLV	91	127
>TET2-T1393 MQNGSTLV	959	>TET2-T1393 MQNGSPLV	422	537
>TET2-T1393 MQNGSTLV	43	>TET2-T1393 MQNGSPLV	57	14
>TET2-T1393 MQNGSTLVC	436	>TET2-T1393 MQNGSPLVC	565	129
>TET2-T1393 MQNGSTLVC	252	>TET2-T1393 MQNGSPLVC	433	181
>TET2-T1393 MQNGSTLV	484	>TET2-T1393 MQNGSPLV	2932	2448
>TET2-T1393 MQNGSTLVC	60	>TET2-T1393 MQNGSPLVC	84	24
>TET2-T1393 MQNGSTLV	146	>TET2-T1393 MQNGSPLV	228	82
>TET2-T1393 MQNGSTLVC	29	>TET2-T1393 MQNGSPLVC	28	1
>TET2-T1393 MQNGSTLVC	18	>TET2-T1393 MQNGSPLVC	19	1
>TET2-T1393 MQNGSTLVC	234	>TET2-T1393 MQNGSPLVC	226	8
>TET2-T1393 NMQNGSTLV	68	>TET2-T1393 NMQNGSPLV	29	39
>TET2-T1393 NMQNGSTL	515	>TET2-T1393 NMQNGSPL	292	223
>TET2-T1393 NMQNGSTLV	61	>TET2-T1393 NMQNGSPLV	263	202
>TET2-T1393 NMQNGSTL	127	>TET2-T1393 NMQNGSPL	97	30
>TET2-T1393 NMQNGSTLV	6	>TET2-T1393 NMQNGSPLV	20	14
>TET2-T1393 NMQNGSTLV	79	>TET2-T1393 NMQNGSPLV	52	27
>TET2-T1393 NMQNGSTL	74	>TET2-T1393 NMQNGSPL	78	4

>TET2-T1393 NMQNGSTLV	16	>TET2-T1393 NMQNGSPLV	10	6
>TET2-T1393 NMQNGSTL	11	>TET2-T1393 NMQNGSPL	13	2
>TET2-T1393 NMQNGSTLV	8	>TET2-T1393 NMQNGSPLV	6	2
>TET2-T1393 NMQNGSTLV	22	>TET2-T1393 NMQNGSPLV	9	13
>TET2-T1393 NMQNGSTL	222	>TET2-T1393 NMQNGSPL	292	70
>TET2-T1393 NMQNGSTLV	19	>TET2-T1393 NMQNGSPLV	7	12
>TET2-T1393 NMQNGSTL	28	>TET2-T1393 NMQNGSPL	58	30
>TET2-T1393 NMQNGSTLV	4	>TET2-T1393 NMQNGSPLV	5	1
>TET2-T1393 NMQNGSTLV	1015	>TET2-T1393 NMQNGSPLV	148	867
>TET2-T1393 NMQNGSTL	327	>TET2-T1393 NMQNGSPL	166	161
>TET2-T1393 NMQNGSTL	127	>TET2-T1393 NMQNGSPL	104	23
>TET2-T1393 NMQNGSTL	498	>TET2-T1393 NMQNGSPL	390	108
>TET2-T1393 NMQNGSTL	370	>TET2-T1393 NMQNGSPL	196	174
>TET2-T1393 HNMQNGSTI	72	>TET2-T1393 HNMQNGSPI	39	33
>TET2-T1393 HNMQNGSTI	2037	>TET2-T1393 HNMQNGSPI	235	1802
>TET2-T1393 HNMQNGSTI	678	>TET2-T1393 HNMQNGSPI	303	375
>TET2-T1393 HNMQNGSTI	473	>TET2-T1393 HNMQNGSPI	307	166
>TET2-T1393 HNMQNGSTI	69	>TET2-T1393 HNMQNGSPI	51	18
>TET2-T1393 HNMQNGSTI	467	>TET2-T1393 HNMQNGSPI	5002	4535
>TET2-T1393 LHMNQNGST	465	>TET2-T1393 LHMNQNGSF	330	135
>TET2-T1393 LHMNQNGST	295	>TET2-T1393 LHMNQNGSF	519	224
>TET2-T1393 LHMNQNGST	654	>TET2-T1393 LHMNQNGSF	415	239
>TET2-T1393 DLHMNQNG:	89	>TET2-T1393 DLHMNQNG:	203	114
>TET2-T1884 TPLKNPNR	434	>TET2-T1884 APLKNPNR	1792	1358
>TET2-T1884 TTPLKNPNR	75	>TET2-T1884 TAPLKNPNR	308	233
>TET2-T1884 ATTPLKNPNR	140	>TET2-T1884 ATAPLKNPNF	152	12
>TET2-T1884 ATTPLKNPNR	215	>TET2-T1884 ATAPLKNPNF	316	101
>TET2-T1884 ATTPLKNPNR	99	>TET2-T1884 ATAPLKNPNF	30	69
>TET2-T1884 ATTPLKNPNR	242	>TET2-T1884 ATAPLKNPNF	118	124
>TET2-T1884 HATTPLKNPN	206	>TET2-T1884 HATAPLKNPN	148	58
>TET2-T1884 HATTPLKNPN	427	>TET2-T1884 HATAPLKNPN	323	104
>TET2-T1884 HATTPLKNPN	81	>TET2-T1884 HATAPLKNPN	73	8
>TET2-T1884 ELHATTPL	161	>TET2-T1884 ELHATAPL	264	103
>TET2-T1884 ELHATTPL	213	>TET2-T1884 ELHATAPL	369	156
>TET2-T1884 ELHATTPL	124	>TET2-T1884 ELHATAPL	83	41
>TET2-T1884 ELHATTPL	644	>TET2-T1884 ELHATAPL	347	297
>TET2-T1884 ELHATTPL	420	>TET2-T1884 ELHATAPL	539	119
>TET2-T1884 ELHATTPL	23	>TET2-T1884 ELHATAPL	24	1
>TET2-T1884 ELHATTPLK	118	>TET2-T1884 ELHATAPLK	176	58
>TET2-T1884 ELHATTPLK	366	>TET2-T1884 ELHATAPLK	757	391
>TET2-T1884 ELHATTPLK	169	>TET2-T1884 ELHATAPLK	480	311
>TET2-T1884 ELHATTPLK	24	>TET2-T1884 ELHATAPLK	30	6
>TET2-T1884 ELHATTPL	208	>TET2-T1884 ELHATAPL	182	26

>TET2-T1884 ELHATTPL	209	>TET2-T1884 ELHATAPL	131	78
>TET2-T1884 ELHATTPL	566	>TET2-T1884 ELHATAPL	239	327
>TET2-T1884 RELHATTPL	109	>TET2-T1884 RELHATAPL	72	37
>TET2-T1884 RELHATTPLK	159	>TET2-T1884 RELHATAPLK	136	23
>TET2-T1884 RELHATTPL	312	>TET2-T1884 RELHATAPL	542	230
>TET2-T1884 RELHATTPL	48	>TET2-T1884 RELHATAPL	93	45
>TET2-T1884 RELHATTPL	740	>TET2-T1884 RELHATAPL	262	478
>TET2-T1884 RELHATTP	559	>TET2-T1884 RELHATAP	409	150
>TET2-T1884 RELHATTPL	7	>TET2-T1884 RELHATAPL	6	1
>TET2-T1884 RELHATTPL	12	>TET2-T1884 RELHATAPL	38	26
>TET2-T1884 RELHATTPL	530	>TET2-T1884 RELHATAPL	450	80
>TET2-T1884 RELHATTPL	138	>TET2-T1884 RELHATAPL	122	16
>TET2-T1884 RELHATTPL	6	>TET2-T1884 RELHATAPL	6	0
>TET2-T1884 KRELHATTPL	108	>TET2-T1884 KRELHATAPL	148	40
>TET2-T1884 KRELHATTPL	462	>TET2-T1884 KRELHATAPL	172	290
>TET2-T1884 KRELHATT	453	>TET2-T1884 KRELHATA	709	256
>TET2-T1884 KRELHATTPL	79	>TET2-T1884 KRELHATAPL	141	62
>TET2-T1884 KRELHATTPLI	335	>TET2-T1884 KRELHATAPL	431	96
>TET2-T1884 KRELHATTPL	174	>TET2-T1884 KRELHATAPL	227	53
>TET2-T1884 KRELHATTPLI	65	>TET2-T1884 KRELHATAPL	84	19
>TET2-T1884 AKRELHATT	4179	>TET2-T1884 AKRELHATA	193	3986
>TET2-T1884 AKRELHATTP	775	>TET2-T1884 AKRELHATAP	212	563
>TET2-T1884 AKRELHATT	1218	>TET2-T1884 AKRELHATA	279	939
>TET2-T1884 AKRELHATTP	724	>TET2-T1884 AKRELHATAP	489	235
>TET2-T1884 AKRELHATTP	13	>TET2-T1884 AKRELHATAP	17	4
>TET2-T1884 CAKRELHATT	5121	>TET2-T1884 CAKRELHATA	354	4767
>TET2-T492S TAGTMTVPL	1607	>TET2-T492S SAGTMTVPL	256	1351
>TET2-T492S TAGTMTVPL	552	>TET2-T492S SAGTMTVPL	492	60
>TET2-T492S TAGTMTVPL	1030	>TET2-T492S SAGTMTVPL	410	620
>TET2-T492S TAGTMTVPL	130	>TET2-T492S SAGTMTVPL	552	422
>TET2-T492S QTAGTMTV	212	>TET2-T492S QSAGTMTV	910	698
>TET2-T492S QTAGTMTVP	232	>TET2-T492S QSAGTMTVP	1963	1731
>TET2-T492S QTAGTMTV	118	>TET2-T492S QSAGTMTV	1493	1375
>TET2-T492S QTAGTMTV	70	>TET2-T492S QSAGTMTV	565	495
>TET2-T492S QTAGTMTVP	475	>TET2-T492S QSAGTMTVP	4368	3893
>TET2-T492S QTAGTMTV	352	>TET2-T492S QSAGTMTV	5160	4808
>TET2-T492S QTAGTMTV	98	>TET2-T492S QSAGTMTV	4495	4397
>TET2-T492S QTAGTMTVP	55	>TET2-T492S QSAGTMTVP	410	355
>TET2-T492S QTAGTMTV	302	>TET2-T492S QSAGTMTV	922	620
>TET2-T492S QTAGTMTVP	35	>TET2-T492S QSAGTMTVP	114	79
>TET2-T492S QTAGTMTV	7	>TET2-T492S QSAGTMTV	19	12
>TET2-T492S QTAGTMTVP	200	>TET2-T492S QSAGTMTVP	1389	1189
>TET2-T492S QTAGTMTV	10	>TET2-T492S QSAGTMTV	117	107

>TET2-T492S QTAGTMTVP	45	>TET2-T492S QSAGTMTVP	530	485
>TET2-T492S QTAGTMTV	188	>TET2-T492S QSAGTMTV	333	145
>TET2-T492S QTAGTMTVP	12	>TET2-T492S QSAGTMTVP	17	5
>TET2-T492S QTAGTMTVP	543	>TET2-T492S QSAGTMTVP	248	295
>TET2-T492S QTAGTMTVP	55	>TET2-T492S QSAGTMTVP	195	140
>TET2-T492S QTAGTMTVP	284	>TET2-T492S QSAGTMTVP	887	603
>TET2-T492S QTAGTMTVP	107	>TET2-T492S QSAGTMTVP	299	192
>TET2-T492S QTAGTMTVP	534	>TET2-T492S QSAGTMTVP	342	192
>TET2-T492S IQTAGTMTV	131	>TET2-T492S IQSAGTMTV	68	63
>TET2-T492S IQTAGTMTVI	420	>TET2-T492S IQSAGTMTVI	194	226
>TET2-T492S IQTAGTMTV	495	>TET2-T492S IQSAGTMTV	88	407
>TET2-T492S IQTAGTMTVI	254	>TET2-T492S IQSAGTMTVI	46	208
>TET2-T492S IQTAGTMTV	26	>TET2-T492S IQSAGTMTV	8	18
>TET2-T492S IQTAGTMTVI	417	>TET2-T492S IQSAGTMTVI	82	335
>TET2-T492S IQTAGTMTV	5	>TET2-T492S IQSAGTMTV	5	0
>TET2-T492S IQTAGTMTVI	17	>TET2-T492S IQSAGTMTVI	17	0
>TET2-T492S IQTAGTMTV	154	>TET2-T492S IQSAGTMTV	100	54
>TET2-T492S IQTAGTMTV	175	>TET2-T492S IQSAGTMTV	145	30
>TET2-T492S IQTAGTMTV	111	>TET2-T492S IQSAGTMTV	147	36
>TET2-T492S IQTAGTMTV	797	>TET2-T492S IQSAGTMTV	229	568
>TET2-T492S IQTAGTMTV	31	>TET2-T492S IQSAGTMTV	39	8
>TET2-T492S IQTAGTMTVI	563	>TET2-T492S IQSAGTMTVI	346	217
>TET2-T492S IQTAGTMTV	1781	>TET2-T492S IQSAGTMTV	189	1592
>TET2-T492S IQTAGTMTVI	301	>TET2-T492S IQSAGTMTVI	70	231
>TET2-T492S IQTAGTMTV	56	>TET2-T492S IQSAGTMTV	22	34
>TET2-T492S IQTAGTMTVI	19	>TET2-T492S IQSAGTMTVI	9	10
>TET2-T492S IQTAGTMTV	1147	>TET2-T492S IQSAGTMTV	302	845
>TET2-T492S IQTAGTMTVI	60	>TET2-T492S IQSAGTMTVI	18	42
>TET2-T492S IQTAGTMTVI	245	>TET2-T492S IQSAGTMTVI	294	49
>TET2-T492S IQTAGTMTVI	161	>TET2-T492S IQSAGTMTVI	121	40
>TET2-T492S DIQTAGTMTV	314	>TET2-T492S DIQSAGTMTV	212	102
>TET2-T492S DIQTAGTMTV	336	>TET2-T492S DIQSAGTMTV	209	127
>TET2-T492S DIQTAGTMTV	226	>TET2-T492S DIQSAGTMTV	110	116
>TET2-T492S NDIQTAGTM	206	>TET2-T492S NDIQSAGTM	251	45
>TET2-T492S NDIQTAGTM	63	>TET2-T492S NDIQSAGTM	68	5
>TET2-T492S RNDIQTAGTM	508	>TET2-T492S RNDIQSAGTM	348	160
>TET2-T492S NRNDIQTAG	472	>TET2-T492S NRNDIQSAG	648	176
>TET2-T492S NRNDIQTAG	324	>TET2-T492S NRNDIQSAG	310	14
>TET2-V1199VRRSSSEEK	642	>TET2-V1199IVRRSSSEEK	278	364
>TET2-V1199VRRSSSEEK	462	>TET2-V1199IVRRSSSEEK	475	13
>TET2-V1199VRRSSSE	727	>TET2-V1199IVRRSSSE	275	452
>TET2-V1199VRRSSSEE	768	>TET2-V1199IVRRSSSEE	283	485
>TET2-V1199VRRSSSEEK	6	>TET2-V1199IVRRSSSEEK	5	1



>TET2-V1199VRRSSSEEKI	451	>TET2-V1199IVRRSSSEEKL	228	223
>TET2-V1199VRRSSSEEKI	323	>TET2-V1199IVRRSSSEEKL	192	131
>TET2-V1199VRRSSSEEKI	273	>TET2-V1199IVRRSSSEEKL	149	124
>TET2-V1199WVRRSSSEE	119	>TET2-V1199WIVRRSSSEE	279	160
>TET2-V1199SSQGCPIAKW	2232	>TET2-V1199SSQGCPIAKW	449	1783
>TET2-V1199SSQGCPIAKW	472	>TET2-V1199SSQGCPIAKW	330	142
>TET2-V1199SSQGCPIAKW	2005	>TET2-V1199SSQGCPIAKW	35	1970
>TET2-V1199KWVRRSS	89	>TET2-V1199KWIVRRSS	155	66
>TET2-V1199KWVRRSSS	90	>TET2-V1199KWIVRRSSS	157	67
>TET2-V1199KWVRRSSSE	210	>TET2-V1199KWIVRRSSSE	363	153
>TET2-V1199AKWVRRSS:	455	>TET2-V1199AKWIVRRSSS	716	261
>TET2-V1199IAKWVRR	16	>TET2-V1199IAKWIVRR	12	4
>TET2-V1199IAKWVRR	92	>TET2-V1199IAKWIVRR	82	10
>TET2-V1199IAKWVRR	39	>TET2-V1199IAKWIVRR	33	6
>TET2-V1199IAKWVRR	711	>TET2-V1199IAKWIVRR	305	406
>TET2-V1199PIAKWVVR	145	>TET2-V1199PIAKWIVR	134	11
>TET2-V1199PIAKWVRR	111	>TET2-V1199PIAKWIVRR	79	32
>TET2-V1199CPIAKWVV	540	>TET2-V1199CPIAKWIV	455	85
>TET2-V1199CPIAKWVV	25	>TET2-V1199CPIAKWIV	24	1
>TET2-V1199CPIAKWVVR	160	>TET2-V1199CPIAKWIVR	190	30
>TET2-V1199CPIAKWVVR	181	>TET2-V1199CPIAKWIVRR	154	27
>TET2-V1199QGCPIAKWV	3113	>TET2-V1199QGCPIAKWI	450	2663
>TET2-V1199QGCPIAKWV	111	>TET2-V1199QGCPIAKWIV	121	10
>TET2-V1199QGCPIAKWV	5776	>TET2-V1199QGCPIAKWI	165	5611
>TET2-V1199SQGCPIAKWV	36	>TET2-V1199SQGCPIAKWI	41	5
>TET2-V1199SQGCPIAKWV	103	>TET2-V1199SQGCPIAKWI	969	866
>TET2-V1199SQGCPIAKWV	28	>TET2-V1199SQGCPIAKWI	63	35
>TET2-V1199SQGCPIAKWV	33	>TET2-V1199SQGCPIAKWI	39	6
>TET2-V1199SQGCPIAKWV	105	>TET2-V1199SQGCPIAKWI	128	23
>TET2-V1227VILILVWEGI	411	>TET2-V1227EILILVWEGI	792	381
>TET2-V1227VILILVWEGI	12	>TET2-V1227EILILVWEGI	154	142
>TET2-V1227VILILVWEGI	60	>TET2-V1227EILILVWEGI	727	667
>TET2-V1227VILILVWEGI	252	>TET2-V1227EILILVWEGI	744	492
>TET2-V1227VILILVWEGI	1122	>TET2-V1227EILILVWEGI	13	1109
>TET2-V1227IVILILVW	39287	>TET2-V1227IEILILVW	210	39077
>TET2-V1227IVILILVWEGI	3555	>TET2-V1227IEILILVWEGI	9	3546
>TET2-V1227IVILILVWEGI	492	>TET2-V1227IEILILVWEGI	7194	6702
>TET2-V1227IVILILVWEGI	50	>TET2-V1227IEILILVWEGI	917	867
>TET2-V1227IVILILVWEGI	32	>TET2-V1227IEILILVWEGI	9271	9239
>TET2-V1227IVILILVW	35	>TET2-V1227IEILILVW	3577	3542
>TET2-V1227IVILILVW	12983	>TET2-V1227IEILILVW	41	12942
>TET2-V1227IVILILVWEGI	20796	>TET2-V1227IEILILVWEGI	20	20776
>TET2-V1227IVILILVWEGI	37441	>TET2-V1227IEILILVWEGI	433	37008

>TET2-V1227IVILILVW	17518	>TET2-V1227IEILILVW	99	17419
>TET2-V1227IVILILVW	19494	>TET2-V1227IEILILVW	38	19456
>TET2-V1227IVILILVWEG	29213	>TET2-V1227IEILILVWEG	452	28761
>TET2-V1227IVILILVW	287	>TET2-V1227IEILILVW	1936	1649
>TET2-V1227IVILILVW	178	>TET2-V1227IEILILVW	5575	5397
>TET2-V1227IVILILVW	15	>TET2-V1227IEILILVW	783	768
>TET2-V1227IVILILVW	27042	>TET2-V1227IEILILVW	225	26817
>TET2-V1227IVILILVWEGI	4537	>TET2-V1227IEILILVWEGI	3	4534
>TET2-V1227IVILILVW	217	>TET2-V1227IEILILVW	113	104
>TET2-V1227VIVILILV	223	>TET2-V1227VIEILILV	1473	1250
>TET2-V1227VIVILILV	346	>TET2-V1227VIEILILV	919	573
>TET2-V1227VIVILILV	131	>TET2-V1227VIEILILV	1166	1035
>TET2-V1227VIVILILV	39	>TET2-V1227VIEILILV	406	367
>TET2-V1227VIVILILV	20	>TET2-V1227VIEILILV	146	126
>TET2-V1227VIVILILV	51	>TET2-V1227VIEILILV	607	556
>TET2-V1227VIVILILV	8	>TET2-V1227VIEILILV	17	9
>TET2-V1227VIVILILVW	48	>TET2-V1227VIEILILVW	532	484
>TET2-V1227VIVILILVW	15	>TET2-V1227VIEILILVW	279	264
>TET2-V1227AVIVILIL	797	>TET2-V1227AVIEILIL	142	655
>TET2-V1227AVIVILILV	53	>TET2-V1227AVIEILILV	14	39
>TET2-V1227AVIVILIL	712	>TET2-V1227AVIEILIL	181	531
>TET2-V1227AVIVILILV	84	>TET2-V1227AVIEILILV	14	70
>TET2-V1227AVIVILIL	931	>TET2-V1227AVIEILIL	168	763
>TET2-V1227AVIVILILV	77	>TET2-V1227AVIEILILV	9	68
>TET2-V1227AVIVILIL	134	>TET2-V1227AVIEILIL	22	112
>TET2-V1227AVIVILILV	11	>TET2-V1227AVIEILILV	3	8
>TET2-V1227AVIVILILV	136	>TET2-V1227AVIEILILV	7	129
>TET2-V1227AVIVILILV	372	>TET2-V1227AVIEILILV	21	351
>TET2-V1227AVIVILILV	185	>TET2-V1227AVIEILILV	22	163
>TET2-V1227AVIVILILV	2351	>TET2-V1227AVIEILILV	166	2185
>TET2-V1227AVIVILIL	907	>TET2-V1227AVIEILIL	162	745
>TET2-V1227AVIVILILV	35	>TET2-V1227AVIEILILV	6	29
>TET2-V1227AVIVILIL	200	>TET2-V1227AVIEILIL	45	155
>TET2-V1227AVIVILILV	1944	>TET2-V1227AVIEILILV	372	1572
>TET2-V1227AVIVILILVW	727	>TET2-V1227AVIEILILVW	267	460
>TET2-V1227AVIVILILVWE	1020	>TET2-V1227AVIEILILVWE	312	708
>TET2-V1227AVIVILILVW	481	>TET2-V1227AVIEILILVW	237	244
>TET2-V1227AVIVILILV	41	>TET2-V1227AVIEILILV	16	25
>TET2-V1227AVIVILILV	294	>TET2-V1227AVIEILILV	19	275
>TET2-V1227AVIVILILVW	43	>TET2-V1227AVIEILILVW	29	14
>TET2-V1227AVIVILILVW	21	>TET2-V1227AVIEILILVW	24	3
>TET2-V1227AVIVILILVW	273	>TET2-V1227AVIEILILVW	265	8
>TET2-V1227AAVIVILILV	418	>TET2-V1227AAVIEILILV	224	194

>TET2-V1227AAVIVILILV	441	>TET2-V1227AAVIEILILV	420	21
>TET2-V1227AAVIVILILV	365	>TET2-V1227AAVIEILILV	289	76
>TET2-V1227AAVIVILILV	130	>TET2-V1227AAVIEILILV	100	30
>TET2-V1227AAVIVILILV	237	>TET2-V1227AAVIEILILV	505	268
>TET2-V1227AAVIVILILV	317	>TET2-V1227AAVIEILILV	204	113
>TET2-V1227AAVIVILILV	203	>TET2-V1227AAVIEILILV	365	162
>TET2-V1227AAVIVILIL	142	>TET2-V1227AAVIEILIL	72	70
>TET2-V1227AAVIVILILVW	7	>TET2-V1227AAVIEILILVW	6	1
>TET2-V1227AAVIVILILVW	102	>TET2-V1227AAVIEILILVW	64	38
>TET2-V1227AAVIVILILVW	116	>TET2-V1227AAVIEILILVW	137	21
>TET2-V1227AAVIVILILVW	10	>TET2-V1227AAVIEILILVW	14	4
>TET2-V1227AAVIVILILVW	71	>TET2-V1227AAVIEILILVW	96	25
>TET2-V1227EAAVIVIL	24	>TET2-V1227EAAVIEIL	41	17
>TET2-V1227EAAVIVILI	8	>TET2-V1227EAAVIEILI	19	11
>TET2-V1227EAAVIVILILV	6	>TET2-V1227EAAVIEILILV	7	1
>TET2-V1227EAAVIVIL	319	>TET2-V1227EAAVIEIL	1183	864
>TET2-V1227EAAVIVILI	46	>TET2-V1227EAAVIEILI	816	770
>TET2-V1227EAAVIVILIL	299	>TET2-V1227EAAVIEILIL	1665	1366
>TET2-V1227EAAVIVILILV	9	>TET2-V1227EAAVIEILILV	23	14
>TET2-V1227CEAAVIVI	116	>TET2-V1227CEAAVIEI	1241	1125
>TET2-V1227CEAAVIVILI	20	>TET2-V1227CEAAVIEILI	29	9
>TET2-V1227CEAAVIVIL	292	>TET2-V1227CEAAVIEIL	565	273
>TET2-V1227CEAAVIVILIL	259	>TET2-V1227CEAAVIEILIL	502	243
>TET2-V1227CEAAVIVIL	244	>TET2-V1227CEAAVIEIL	1994	1750
>TET2-V1227CEAAVIVI	57	>TET2-V1227CEAAVIEI	91	34
>TET2-V1227CEAAVIVIL	12	>TET2-V1227CEAAVIEIL	14	2
>TET2-V1227CEAAVIVILIL	18	>TET2-V1227CEAAVIEILIL	38	20
>TET2-V1227CEAAVIVI	410	>TET2-V1227CEAAVIEI	397	13
>TET2-V1227CEAAVIVIL	309	>TET2-V1227CEAAVIEIL	450	141
>TET2-V1227CEAAVIVILI	457	>TET2-V1227CEAAVIEILI	750	293
>TET2-V1227CEAAVIVILIL	203	>TET2-V1227CEAAVIEILIL	269	66
>TET2-V1227CEAAVIVI	965	>TET2-V1227CEAAVIEI	345	620
>TET2-V1227CEAAVIVILIL	416	>TET2-V1227CEAAVIEILIL	664	248
>TET2-V1227CEAAVIVI	83	>TET2-V1227CEAAVIEI	111	28
>TET2-V1227CEAAVIVIL	313	>TET2-V1227CEAAVIEIL	617	304
>TET2-V1227CEAAVIVILI	276	>TET2-V1227CEAAVIEILI	349	73
>TET2-V1227CEAAVIVILIL	452	>TET2-V1227CEAAVIEILIL	738	286
>TET2-V1227CEAAVIVI	131	>TET2-V1227CEAAVIEI	172	41
>TET2-V1227CEAAVIVIL	20	>TET2-V1227CEAAVIEIL	24	4
>TET2-V1227CEAAVIVILI	219	>TET2-V1227CEAAVIEILI	619	400
>TET2-V1227CEAAVIVILIL	26	>TET2-V1227CEAAVIEILIL	36	10
>TET2-V1227HTCEAAVIV	442	>TET2-V1227HTCEAAVIE	28098	27656
>TET2-V1227HTCEAAVIVIL	824	>TET2-V1227HTCEAAVIEIL	427	397

>TET2-V1227HTCEAAVIVI	250	>TET2-V1227HTCEAAVIEI	257	7
>TET2-V1227HTCEAAVIVI	223	>TET2-V1227HTCEAAVIEI	279	56
>TET2-V1227HTCEAAVIVIL	370	>TET2-V1227HTCEAAVIEIL	813	443
>TET2-V1227HTCEAAVIV	38	>TET2-V1227HTCEAAVIE	20657	20619
>TET2-V1227HTCEAAVIVI	198	>TET2-V1227HTCEAAVIEI	107	91
>TET2-V1227HTCEAAVIVIL	127	>TET2-V1227HTCEAAVIEIL	121	6
>TET2-V1227HTCEAAVIV	45	>TET2-V1227HTCEAAVIE	18656	18611
>TET2-V1227HTCEAAVIVI	375	>TET2-V1227HTCEAAVIEI	101	274
>TET2-V1227HTCEAAVIV	355	>TET2-V1227HTCEAAVIE	8610	8255
>TET2-V1227HTCEAAVIVI	78	>TET2-V1227HTCEAAVIEI	56	22
>TET2-V1227HTCEAAVIVIL	56	>TET2-V1227HTCEAAVIEIL	96	40
>TET2-V1227HTCEAAVIVIL	180	>TET2-V1227HTCEAAVIEIL	770	590
>TET2-V1227HTCEAAVIVIL	485	>TET2-V1227HTCEAAVIEIL	794	309
>TET2-V1227HTCEAAVIVI	76	>TET2-V1227HTCEAAVIEI	128	52
>TET2-V1227HTCEAAVIVIL	231	>TET2-V1227HTCEAAVIEIL	271	40
>TET2-V1417VLPLYKVSVDV	1658	>TET2-V1417FLPLYKVSVDV	95	1563
>TET2-V1417VLPLYKVSVDV	916	>TET2-V1417FLPLYKVSVDV	61	855
>TET2-V1417VLPLYKVSVDV	182	>TET2-V1417FLPLYKVSVDV	22	160
>TET2-V1417VLPLYKVSVDV	2472	>TET2-V1417FLPLYKVSVDV	115	2357
>TET2-V1417VLPLYKVSVDV	26	>TET2-V1417FLPLYKVSVDV	6	20
>TET2-V1417VLPLYKVSVDV	178	>TET2-V1417FLPLYKVSVDV	19	159
>TET2-V1417VLPLYKVSVDV	42	>TET2-V1417FLPLYKVSVDV	12	30
>TET2-V1417VLPLYKVSVDV	180	>TET2-V1417FLPLYKVSVDV	33	147
>TET2-V1417VLPLYKVSVDV	4	>TET2-V1417FLPLYKVSVDV	2	2
>TET2-V1417HVLPLYKV	261	>TET2-V1417HFLPLYKV	6478	6217
>TET2-V1417HVLPLYKV	345	>TET2-V1417HFLPLYKV	1054	709
>TET2-V1417HVLPLYKVSVD	443	>TET2-V1417HFLPLYKVSVD'	10261	9818
>TET2-V1417HVLPLYKV	48	>TET2-V1417HFLPLYKV	3801	3753
>TET2-V1417HVLPLYKV	41	>TET2-V1417HFLPLYKV	979	938
>TET2-V1417HVLPLYKV	112	>TET2-V1417HFLPLYKV	3261	3149
>TET2-V1417HVLPLYKV	69	>TET2-V1417HFLPLYKV	1106	1037
>TET2-V1417HVLPLYKVSVD	444	>TET2-V1417HFLPLYKVSVD'	4116	3672
>TET2-V1417HVLPLYKV	192	>TET2-V1417HFLPLYKV	7134	6942
>TET2-V1417HVLPLYKV	20	>TET2-V1417HFLPLYKV	1348	1328
>TET2-V1417HVLPLYKVSVD	82	>TET2-V1417HFLPLYKVSVD'	2841	2759
>TET2-V1417HVLPLYKV	9219	>TET2-V1417HFLPLYKV	181	9038
>TET2-V1417HVLPLYKVSVD	13168	>TET2-V1417HFLPLYKVSVD'	493	12675
>TET2-V1417HVLPLYKV	21	>TET2-V1417HFLPLYKV	5726	5705
>TET2-V1417HVLPLYKVSVD	217	>TET2-V1417HFLPLYKVSVD'	15354	15137
>TET2-V1417HVLPLYKV	12	>TET2-V1417HFLPLYKV	1560	1548
>TET2-V1417HVLPLYKVSVD	188	>TET2-V1417HFLPLYKVSVD'	11460	11272
>TET2-V1417HVLPLYKV	22749	>TET2-V1417HFLPLYKV	331	22418
>TET2-V1417HVLPLYKVSVD	23603	>TET2-V1417HFLPLYKVSVD'	475	23128

>TET2-V1417QLHVLPLYKV	126	>TET2-V1417QLHFLPLYKV	83	43
>TET2-V1417QLHVLPLYKV	50	>TET2-V1417QLHFLPLYKV	44	6
>TET2-V1417QLHVLPLYKV	78	>TET2-V1417QLHFLPLYKV	106	28
>TET2-V1417QLHVLPLYKV	238	>TET2-V1417QLHFLPLYKV	270	32
>TET2-V1417QLHVLPLYKV	8	>TET2-V1417QLHFLPLYKV	6	2
>TET2-V1417QLHVLPLYKV	40	>TET2-V1417QLHFLPLYKV	39	1
>TET2-V1417QLHVLPLYKV	71	>TET2-V1417QLHFLPLYKV	68	3
>TET2-V1417QLHVLPLYKV	112	>TET2-V1417QLHFLPLYKV	58	54
>TET2-V1417QLHVLPLYKV	8	>TET2-V1417QLHFLPLYKV	8	0
>TET2-V1417QLHVLPLYK	51	>TET2-V1417QLHFLPLYK	37	14
>TET2-V1417QLHVLPLYK	42	>TET2-V1417QLHFLPLYK	25	17
>TET2-V1417QLHVLPLY	21	>TET2-V1417QLHFLPLY	12	9
>TET2-V1417QLHVLPLYK	17	>TET2-V1417QLHFLPLYK	15	2
>TET2-V1417QLHVLPLY	219	>TET2-V1417QLHFLPLY	144	75
>TET2-V1417QLHVLPLYK	1490	>TET2-V1417QLHFLPLYK	438	1052
>TET2-V1417QLHVLPLY	25	>TET2-V1417QLHFLPLY	15	10
>TET2-V1417QLHVLPLYK	247	>TET2-V1417QLHFLPLYK	80	167
>TET2-V1417EQLHVLPL	50	>TET2-V1417EQLHFLPL	27	23
>TET2-V1417EQLHVLPLYK'	27	>TET2-V1417EQLHFLPLYK\	27	0
>TET2-V1417EQLHVLPLYK'	104	>TET2-V1417EQLHFLPLYK\	124	20
>TET2-V1417EQLHVLPLYK'	340	>TET2-V1417EQLHFLPLYK\	344	4
>TET2-V1417EQLHVLPLYK'	194	>TET2-V1417EQLHFLPLYK\	463	269
>TET2-V1417EQLHVLPLYK'	238	>TET2-V1417EQLHFLPLYK\	249	11
>TET2-V1417EQLHVLPLYK	102	>TET2-V1417EQLHFLPLYK	67	35
>TET2-V1417EQLHVLPLYK	85	>TET2-V1417EQLHFLPLYK	50	35
>TET2-V1417EQLHVLPLY	149	>TET2-V1417EQLHFLPLY	92	57
>TET2-V1417EQLHVLPLY	360	>TET2-V1417EQLHFLPLY	187	173
>TET2-V1417EQLHVLPLY	189	>TET2-V1417EQLHFLPLY	175	14
>TET2-V1417EQLHVLPL	837	>TET2-V1417EQLHFLPL	301	536
>TET2-V1417EQLHVLPLYK'	117	>TET2-V1417EQLHFLPLYK\	45	72
>TET2-V1417EQLHVLPL	100	>TET2-V1417EQLHFLPL	35	65
>TET2-V1417EQLHVLPLY	143	>TET2-V1417EQLHFLPLY	25	118
>TET2-V1417EQLHVLPL	67	>TET2-V1417EQLHFLPL	85	18
>TET2-V1417EQLHVLPL	400	>TET2-V1417EQLHFLPL	293	107
>TET2-V1417EQLHVLPLYK	819	>TET2-V1417EQLHFLPLYK	153	666
>TET2-V1417DEQLHVLP	446	>TET2-V1417DEQLHFLP	218	228
>TET2-V1417DEQLHVLPL	413	>TET2-V1417DEQLHFLPL	402	11
>TET2-V1417DEQLHVLPL	4262	>TET2-V1417DEQLHFLPL	469	3793
>TET2-V1417DEQLHVLPL	11	>TET2-V1417DEQLHFLPL	9	2
>TET2-V1417DEQLHVLPLY	107	>TET2-V1417DEQLHFLPLY	132	25
>TET2-V1417DEQLHVLPL	286	>TET2-V1417DEQLHFLPL	184	102
>TET2-V1417DEQLHVLPLY	403	>TET2-V1417DEQLHFLPLY	246	157
>TET2-V1417DEQLHVLPL	253	>TET2-V1417DEQLHFLPL	406	153

>TET2-V1417PEDEQLHVL	2387	>TET2-V1417PEDEQLHFL	73	2314
>TET2-V1417PEDEQLHVL	390	>TET2-V1417PEDEQLHFL	533	143
>TET2-V1417PEDEQLHVLP	383	>TET2-V1417PEDEQLHFLP	237	146
>TET2-V1417KPEDEQLHV	3086	>TET2-V1417KPEDEQLHF	162	2924
>TET2-V1417KPEDEQLHV	10016	>TET2-V1417KPEDEQLHF	297	9719
>TET2-V1417GKPEDEQLHV	7442	>TET2-V1417GKPEDEQLHF	267	7175
>TET2-V1718HVGKLPPTYPT	5588	>TET2-V1718HLGKLPPTYPT	461	5127
>TET2-V1718HVGKLPPTYPT	12214	>TET2-V1718HLGKLPPTYPT	478	11736
>TET2-V1718HVGKLPPTY	97	>TET2-V1718HLGKLPPTY	1592	1495
>TET2-V1718HVGKLPPTY	356	>TET2-V1718HLGKLPPTY	2108	1752
>TET2-V1718HVGKLPPTY	141	>TET2-V1718HLGKLPPTY	169	28
>TET2-V1718HVGKLPPTY	374	>TET2-V1718HLGKLPPTY	367	7
>TET2-V1718HVGKLPPTY	19	>TET2-V1718HLGKLPPTY	20	1
>TET2-V1718HVGKLPPTY	251	>TET2-V1718HLGKLPPTY	110	141
>TET2-V1718HVGKLPPTY	2592	>TET2-V1718HLGKLPPTY	470	2122
>TET2-V1718HVGKLPPTY	283	>TET2-V1718HLGKLPPTY	1417	1134
>TET2-V1718SCTIRPNVHH	360	>TET2-V1718SCTIRPNVHH	5158	4798
>TET2-V1718HHVGKLPPTY	102	>TET2-V1718HHLGKLPPTY	1263	1161
>TET2-V1718HHVGKLPPTY	422	>TET2-V1718HHLGKLPPTY	290	132
>TET2-V1718HHVGKLPPTY	447	>TET2-V1718HHLGKLPPTY	617	170
>TET2-V1718VHHVGKLPPTY	345	>TET2-V1718VHHLGKLPPTY	687	342
>TET2-V1718NVHHVGKLPPTY	185	>TET2-V1718NVHHLGKLPFY	357	172
>TET2-V1718NVHHVGKLPPTY	146	>TET2-V1718NVHHLGKLPFY	124	22
>TET2-V1718NVHHVGKLPPTY	187	>TET2-V1718NVHHLGKLPFY	134	53
>TET2-V1718NVHHVGKLP	243	>TET2-V1718NVHHLGKLP	583	340
>TET2-V1718NVHHVGKLP	498	>TET2-V1718NVHHLGKLPFY	339	159
>TET2-V1718NVHHVGKLP	280	>TET2-V1718NVHHLGKLPFY	263	17
>TET2-V1718NVHHVGKLP	411	>TET2-V1718NVHHLGKLPFY	377	34
>TET2-V1718RPNVHHVGK	108	>TET2-V1718RPNVHHLGKI	55	53
>TET2-V1718IRPNVHHVGK	80	>TET2-V1718IRPNVHHLGK	68	12
>TET2-V1718TIRPNVHHV	22	>TET2-V1718TIRPNVHHL	385	363
>TET2-V1718TIRPNVHHV	400	>TET2-V1718TIRPNVHHL	3397	2997
>TET2-V1718TIRPNVHHV	95	>TET2-V1718TIRPNVHHL	1810	1715
>TET2-V1718TIRPNVHHV	336	>TET2-V1718TIRPNVHHL	3838	3502
>TET2-V1718TIRPNVHHV	412	>TET2-V1718TIRPNVHHL	6538	6126
>TET2-V1718TIRPNVHHV	3	>TET2-V1718TIRPNVHHL	22	19
>TET2-V1718TIRPNVHHVC	161	>TET2-V1718TIRPNVHHLG	114	47
>TET2-V1718TIRPNVHHVC	422	>TET2-V1718TIRPNVHHLG	256	166
>TET2-V1718TIRPNVHHV	4236	>TET2-V1718TIRPNVHHL	474	3762
>TET2-V1718TIRPNVHHV	67	>TET2-V1718TIRPNVHHL	104	37
>TET2-V1718TIRPNVHHVC	657	>TET2-V1718TIRPNVHHLG	378	279
>TET2-V1718TIRPNVHHVC	7	>TET2-V1718TIRPNVHHLG	6	1
>TET2-V1718TIRPNVHHVC	373	>TET2-V1718TIRPNVHHLG	832	459

>TET2-V1718TIRPNVHHV	128	>TET2-V1718TIRPNVHHL	1980	1852
>TET2-V1718TIRPNVHHV	295	>TET2-V1718TIRPNVHHL	3035	2740
>TET2-V1718CTIRPNVHHV	418	>TET2-V1718CTIRPNVHHL	4595	4177
>TET2-V1718CTIRPNVHHV	459	>TET2-V1718CTIRPNVHHL	5732	5273
>TET2-V1718CTIRPNVHHV	113	>TET2-V1718CTIRPNVHHL	15	98
>TET2-V1718CTIRPNVHHV	22	>TET2-V1718CTIRPNVHHL	77	55
>TET2-V1718CTIRPNVHHV	70	>TET2-V1718CTIRPNVHHL	1026	956
>TET2-V1718CTIRPNVHHV	3612	>TET2-V1718CTIRPNVHHL	162	3450
>TET2-V1718CTIRPNVHHV	2337	>TET2-V1718CTIRPNVHHL	256	2081
>TET2-W129 WSMYYNGCI	6738	>TET2-W129 RSMYYNGCK	111	6627
>TET2-W129 WSMYYNGCI	463	>TET2-W129 RSMYYNGCK	16	447
>TET2-W129 WSMYYNGCI	316	>TET2-W129 RSMYYNGCK	158	158
>TET2-W129 WSMYYNGCI	269	>TET2-W129 RSMYYNGCK	315	46
>TET2-W129 WSMYYNGCI	7223	>TET2-W129 RSMYYNGCK	16	7207
>TET2-W129 WSMYYNGCI	11270	>TET2-W129 RSMYYNGCK	78	11192
>TET2-W129 WSMYYNGCI	798	>TET2-W129 RSMYYNGCK	78	720
>TET2-W129 WSMYYNGCI	7285	>TET2-W129 RSMYYNGCK	95	7190
>TET2-W129 WSMYYNGCI	4377	>TET2-W129 RSMYYNGCK	33	4344
>TET2-W129 WSMYYNGCI	92	>TET2-W129 RSMYYNGCK	364	272
>TET2-W129 WSMYYNGCI	351	>TET2-W129 RSMYYNGCK	6774	6423
>TET2-W129 WSMYYNGCI	119	>TET2-W129 RSMYYNGCK	80	39
>TET2-W129 WSMYYNGCI	16	>TET2-W129 RSMYYNGCK	8	8
>TET2-W129 WSMYYNGCI	9	>TET2-W129 RSMYYNGCK	5	4
>TET2-W129 WSMYYNGCI	3228	>TET2-W129 RSMYYNGCK	267	2961
>TET2-W129 WSMYYNGCI	284	>TET2-W129 RSMYYNGCK	23	261
>TET2-W129 WSMYYNGCI	18	>TET2-W129 RSMYYNGCK	20	2
>TET2-W129 SWSMYYNGC	421	>TET2-W129 SRSMYYNGCI	14248	13827
>TET2-W129 SWSMYYNGC	27	>TET2-W129 SRSMYYNGCI	12879	12852
>TET2-W129 SWSMYYNGC	727	>TET2-W129 SRSMYYNGCI	29	698
>TET2-W129 SWSMYYNGC	15009	>TET2-W129 SRSMYYNGCI	236	14773
>TET2-W129 SWSMYYNGC	27983	>TET2-W129 SRSMYYNGCI	469	27514
>TET2-W129 SWSMYYNGC	442	>TET2-W129 SRSMYYNGCI	18060	17618
>TET2-W129 SWSMYYNG	187	>TET2-W129 SRSMYYNG	26764	26577
>TET2-W129 SWSMYYNGC	59	>TET2-W129 SRSMYYNGC	17166	17107
>TET2-W129 SWSMYYNGC	137	>TET2-W129 SRSMYYNGCI	26001	25864
>TET2-W129 CGASFSFGCS	26395	>TET2-W129 CGASFSFGCS	98	26297
>TET2-W129 CGASFSFGCS	347	>TET2-W129 CGASFSFGCS	24341	23994
>TET2-W129 CGASFSFGCS	38	>TET2-W129 CGASFSFGCS	21964	21926
>TET2-W129 CGASFSFGCS	205	>TET2-W129 CGASFSFGCS	30633	30428
>TET2-W129 CGASFSFGCS	21644	>TET2-W129 CGASFSFGCS	121	21523
>TET2-W129 CSWSMYYNG	70	>TET2-W129 CSRSMYYNGI	813	743
>TET2-W129 CSWSMYYNG	13400	>TET2-W129 CSRSMYYNG	453	12947
>TET2-W129 CSWSMYYNG	2707	>TET2-W129 CSRSMYYNGI	10	2697

>TET2-W129 CSWSMYYNCG	150	>TET2-W129 CSRSMYYNGI	437	287
>TET2-W129 CSWSMYYNCG	313	>TET2-W129 CSRSMYYNGI	856	543
>TET2-W129 GCSWSMYYY	64	>TET2-W129 GCSRSMYY	335	271
>TET2-W129 GCSWSMYYY	128	>TET2-W129 GCSRSMYY	584	456
>TET2-W129 GCSWSMYYY	212	>TET2-W129 GCSRSMYY	1022	810
>TET2-W129 FGCSWSMY	48	>TET2-W129 FGCSRSMY	350	302
>TET2-W129 FGCSWSMY	10	>TET2-W129 FGCSRSMYY	52	42
>TET2-W129 FGCSWSMY	186	>TET2-W129 FGCSRSMY	430	244
>TET2-W129 FGCSWSMY	84	>TET2-W129 FGCSRSMYY	662	578
>TET2-W129 FGCSWSMY	158	>TET2-W129 FGCSRSMYY	270	112
>TET2-W129 FGCSWSMY	210	>TET2-W129 FGCSRSMY	344	134
>TET2-W129 FGCSWSMY	136	>TET2-W129 FGCSRSMYY	216	80
>TET2-W129 FGCSWSMY	372	>TET2-W129 FGCSRSMY	544	172
>TET2-W129 FGCSWSMY	138	>TET2-W129 FGCSRSMY	813	675
>TET2-W129 FGCSWSMY	263	>TET2-W129 FGCSRSMYY	1743	1480
>TET2-W129 FGCSWSMY	109	>TET2-W129 FGCSRSMYY	300	191
>TET2-W129 SFGCSWSMY	744	>TET2-W129 SFGCSRSMYY	391	353
>TET2-W129 SFGCSWSMY	18	>TET2-W129 SFGCSRSMY	61	43
>TET2-W129 SFGCSWSMY	15	>TET2-W129 SFGCSRSMYY	27	12
>TET2-W129 SFGCSWSMY	841	>TET2-W129 SFGCSRSMY	449	392
>TET2-W129 SFGCSWSMY	190	>TET2-W129 SFGCSRSMYY	178	12
>TET2-W129 SFGCSWSMY	91	>TET2-W129 SFGCSRSMYY	92	1
>TET2-W129 SFGCSWSMY	81	>TET2-W129 SFGCSRSMY	387	306
>TET2-W129 SFGCSWSMY	416	>TET2-W129 SFGCSRSMYY	819	403
>TET2-W129 SFGCSWSMY	55	>TET2-W129 SFGCSRSMY	61	6
>TET2-W129 SFGCSWSMY	197	>TET2-W129 SFGCSRSMY	395	198
>TET2-W129 FSFGCSWSM	74	>TET2-W129 FSFGCSRSMY	171	97
>TET2-W129 FSFGCSWSM	43	>TET2-W129 FSFGCSRSMY	218	175
>TET2-W129 FSFGCSWSM	40	>TET2-W129 FSFGCSRSM	5797	5757
>TET2-W129 FSFGCSWSM	20	>TET2-W129 FSFGCSRSM	672	652
>TET2-W129 FSFGCSWSM	13	>TET2-W129 FSFGCSRSM	2108	2095
>TET2-W129 FSFGCSWSM	469	>TET2-W129 FSFGCSRSM	8924	8455
>TET2-W129 FSFGCSWSM	327	>TET2-W129 FSFGCSRSMY	340	13
>TET2-W129 FSFGCSWSM	318	>TET2-W129 FSFGCSRSMY	295	23
>TET2-W129 FSFGCSWSM	42	>TET2-W129 FSFGCSRSMY	118	76
>TET2-W129 FSFGCSWSM	557	>TET2-W129 FSFGCSRSMY	399	158
>TET2-W129 FSFGCSWSM	112	>TET2-W129 FSFGCSRSMY	744	632
>TET2-W129 FSFGCSWSM	103	>TET2-W129 FSFGCSRSMY	303	200
>TET2-W129 FSFGCSWSM	22	>TET2-W129 FSFGCSRSMY	33	11
>TET2-W129 FSFGCSWSM	6	>TET2-W129 FSFGCSRSMY	9	3
>TET2-W129 FSFGCSWSM	14	>TET2-W129 FSFGCSRSMY	41	27
>TET2-W129 FSFGCSWSM	24	>TET2-W129 FSFGCSRSMY	74	50
>TET2-W129 FSFGCSWSM	27	>TET2-W129 FSFGCSRSMY	35	8



>TET2-W129 FSFGCSWSM	32	>TET2-W129 FSFGCSRSMY	51	19
>TET2-W129 FSFGCSWSM	73	>TET2-W129 FSFGCSRSM	1804	1731
>TET2-W129 FSFGCSWSM	82	>TET2-W129 FSFGCSRSMY	379	297
>TET2-W129 FSFGCSWSM	158	>TET2-W129 FSFGCSRSM	91	67
>TET2-W129 FSFGCSWSM	58	>TET2-W129 FSFGCSRSMY	54	4
>TET2-W129 FSFGCSWSM	46	>TET2-W129 FSFGCSRSMY	43	3
>TET2-W129 FSFGCSWSM	93	>TET2-W129 FSFGCSRSMY	164	71
>TET2-W129 FSFGCSWSM	439	>TET2-W129 FSFGCSRSMY	299	140
>TET2-W129 FSFGCSWSM	44	>TET2-W129 FSFGCSRSM	46	2
>TET2-W129 FSFGCSWSM	10	>TET2-W129 FSFGCSRSMY	10	0
>TET2-W129 FSFGCSWSM	10	>TET2-W129 FSFGCSRSMY	12	2
>TET2-W129 FSFGCSWSM	5	>TET2-W129 FSFGCSRSM	7	2
>TET2-W129 FSFGCSWSM	3	>TET2-W129 FSFGCSRSMY	4	1
>TET2-W129 FSFGCSWSM	4	>TET2-W129 FSFGCSRSMY	4	0
>TET2-W129 FSFGCSWSM	37	>TET2-W129 FSFGCSRSM	96	59
>TET2-W129 FSFGCSWSM	42	>TET2-W129 FSFGCSRSMY	109	67
>TET2-W129 FSFGCSWSM	38	>TET2-W129 FSFGCSRSM	1073	1035
>TET2-W129 FSFGCSWSM	472	>TET2-W129 FSFGCSRSMY	2070	1598
>TET2-W129 FSFGCSWSM	113	>TET2-W129 FSFGCSRSM	413	300
>TET2-W129 FSFGCSWSM	225	>TET2-W129 FSFGCSRSMY	453	228
>TET2-W129 FSFGCSWSM	106	>TET2-W129 FSFGCSRSMY	179	73
>TET2-W129 FSFGCSWSM	38	>TET2-W129 FSFGCSRSM	3910	3872
>TET2-W129 FSFGCSWSM	279	>TET2-W129 FSFGCSRSMY	1602	1323
>TET2-W129 FSFGCSWSM	20	>TET2-W129 FSFGCSRSMY	111	91
>TET2-W129 FSFGCSWSM	101	>TET2-W129 FSFGCSRSM	518	417
>TET2-W129 FSFGCSWSM	23	>TET2-W129 FSFGCSRSM	8	15
>TET2-W129 FSFGCSWSM	50	>TET2-W129 FSFGCSRSMY	56	6
>TET2-W129 FSFGCSWSM	7	>TET2-W129 FSFGCSRSMY	6	1
>TET2-W129 FSFGCSWSM	87	>TET2-W129 FSFGCSRSMY	619	532
>TET2-W129 FSFGCSWSM	28	>TET2-W129 FSFGCSRSMY	77	49
>TET2-W129 FSFGCSWSM	162	>TET2-W129 FSFGCSRSM	123	39
>TET2-W129 SFSFGCSWSM	13	>TET2-W129 SFSFGCSRSM	19	6
>TET2-W129 SFSFGCSWSM	58	>TET2-W129 SFSFGCSRSM	37	21
>TET2-W129 SFSFGCSW	19877	>TET2-W129 SFSFGCSR	70	19807
>TET2-W129 SFSFGCSW	31208	>TET2-W129 SFSFGCSR	180	31028
>TET2-W129 SFSFGCSW	29326	>TET2-W129 SFSFGCSR	233	29093
>TET2-W129 SFSFGCSWSM	128	>TET2-W129 SFSFGCSRSM	273	145
>TET2-W129 SFSFGCSWSM	93	>TET2-W129 SFSFGCSRSM	151	58
>TET2-W129 SFSFGCSWSM	12	>TET2-W129 SFSFGCSRSM	13	1
>TET2-W129 SFSFGCSWSM	112	>TET2-W129 SFSFGCSRSM	141	29
>TET2-W129 SFSFGCSW	30913	>TET2-W129 SFSFGCSR	236	30677
>TET2-W129 SFSFGCSWSM	461	>TET2-W129 SFSFGCSRSM	3653	3192
>TET2-W129 SFSFGCSW	324	>TET2-W129 SFSFGCSR	726	402

>TET2-W129 ASFSFGCSWS	204	>TET2-W129 ASFSFGCSRSI	82	122
>TET2-W129 ASFSFGCSW	15207	>TET2-W129 ASFSFGCSR	23	15184
>TET2-W129 ASFSFGCSW	13529	>TET2-W129 ASFSFGCSR	16	13513
>TET2-W129 ASFSFGCSW	51	>TET2-W129 ASFSFGCSR	3374	3323
>TET2-W129 ASFSFGCSWS	135	>TET2-W129 ASFSFGCSRSI	225	90
>TET2-W129 ASFSFGCSW	20444	>TET2-W129 ASFSFGCSR	22	20422
>TET2-W129 ASFSFGCSW	256	>TET2-W129 ASFSFGCSR	8433	8177
>TET2-W129 ASFSFGCSWS	125	>TET2-W129 ASFSFGCSRSI	83	42
>TET2-W129 ASFSFGCSW	29	>TET2-W129 ASFSFGCSR	59	30
>TET2-W129 ASFSFGCSWS	12	>TET2-W129 ASFSFGCSRSI	11	1
>TET2-W129 ASFSFGCSW	4	>TET2-W129 ASFSFGCSR	4256	4252
>TET2-W129 ASFSFGCSWS	6	>TET2-W129 ASFSFGCSRSI	7	1
>TET2-W129 ASFSFGCSW	34	>TET2-W129 ASFSFGCSR	18312	18278
>TET2-W129 ASFSFGCSWS	235	>TET2-W129 ASFSFGCSRSI	661	426
>TET2-W129 ASFSFGCSW	14	>TET2-W129 ASFSFGCSR	21295	21281
>TET2-W129 ASFSFGCSWS	298	>TET2-W129 ASFSFGCSRSI	5069	4771
>TET2-W129 ASFSFGCSWS	211	>TET2-W129 ASFSFGCSRSI	645	434
>TET2-W129 ASFSFGCSW	84	>TET2-W129 ASFSFGCSR	1628	1544
>TET2-W129 ASFSFGCSWS	16	>TET2-W129 ASFSFGCSRSI	8	8
>TET2-W129 ASFSFGCSW	336	>TET2-W129 ASFSFGCSR	32659	32323
>TET2-W129 ASFSFGCSW	266	>TET2-W129 ASFSFGCSR	32110	31844
>TET2-W129 ASFSFGCSW	2370	>TET2-W129 ASFSFGCSR	85	2285
>TET2-W129 ASFSFGCSWS	85	>TET2-W129 ASFSFGCSRSI	71	14
>TET2-W129 GASFSFGCSM	28667	>TET2-W129 GASFSFGCSR	237	28430
>TET2-W129 GASFSFGCSM	15950	>TET2-W129 GASFSFGCSR	67	15883
>TET2-W129 GASFSFGCSM	28680	>TET2-W129 GASFSFGCSR	37	28643
>TET2-W129 GASFSFGCSM	86	>TET2-W129 GASFSFGCSR	18758	18672
>TET2-W129 GASFSFGCSM	234	>TET2-W129 GASFSFGCSR	24108	23874
>TET2-W129 GASFSFGCSM	73	>TET2-W129 GASFSFGCSR	22841	22768
>TET2-Y1579 YPNSSHTSDI	41	>TET2-Y1579 SPNSSHTSDI	33	8
>TET2-Y1579 YPNSSHTSDI	161	>TET2-Y1579 SPNSSHTSDI	38	123
>TET2-Y1579 YPNSSHTSDI\	172	>TET2-Y1579 SPNSSHTSDI\	709	537
>TET2-Y1579 YPNSSHTSDI	463	>TET2-Y1579 SPNSSHTSDI	2475	2012
>TET2-Y1579 YPNSSHTSDI\	93	>TET2-Y1579 SPNSSHTSDI\	552	459
>TET2-Y1579 YPNSSHTS	52	>TET2-Y1579 SPNSSHTS	1113	1061
>TET2-Y1579 YPNSSHTSDI\	7	>TET2-Y1579 SPNSSHTSDI\	19	12
>TET2-Y1579 YPNSSHTSDI\	64	>TET2-Y1579 SPNSSHTSDI\	314	250
>TET2-Y1579 YPNSSHTSDI	474	>TET2-Y1579 SPNSSHTSDI	2640	2166
>TET2-Y1579 YPNSSHTSDI\	86	>TET2-Y1579 SPNSSHTSDI\	183	97
>TET2-Y1579 YPNSSHTS	345	>TET2-Y1579 SPNSSHTS	1264	919
>TET2-Y1579 YPNSSHTSDI\	12	>TET2-Y1579 SPNSSHTSDI\	31	19
>TET2-Y1579 YPNSSHTSDI\	120	>TET2-Y1579 SPNSSHTSDI\	801	681
>TET2-Y1579 PYPNSSHTSD	344	>TET2-Y1579 PSPNSSHTSD	15941	15597

>TET2-Y1579 PYPNSSHTSD	218	>TET2-Y1579 PSPNSSHTSD	8461	8243
>TET2-Y1579 PYPNSSHTSD	56	>TET2-Y1579 PSPNSSHTSD	16015	15959
>TET2-Y1579 PYPNSSHTSD	14987	>TET2-Y1579 PSPNSSHTSD	243	14744
>TET2-Y1579 YMRRPNPVS	2394	>TET2-Y1579 YMRRPNPVS	471	1923
>TET2-Y1579 YMRRPNPVS	90	>TET2-Y1579 YMRRPNPVS	20970	20880
>TET2-Y1579 YMRRPNPVS	36	>TET2-Y1579 YMRRPNPVS	18890	18854
>TET2-Y1579 YMRRPNPVS	235	>TET2-Y1579 YMRRPNPVS	599	364
>TET2-Y1579 YMRRPNPVS	389	>TET2-Y1579 YMRRPNPVS	18865	18476
>TET2-Y1579 YMRRPNPVS	24	>TET2-Y1579 YMRRPNPVS	360	336
>TET2-Y1579 YMRRPNPVS	8	>TET2-Y1579 YMRRPNPVS	468	460
>TET2-Y1579 YMRRPNPVS	3	>TET2-Y1579 YMRRPNPVS	114	111
>TET2-Y1579 YMRRPNPVS	32	>TET2-Y1579 YMRRPNPVS	15916	15884
>TET2-Y1579 YMRRPNPVS	147	>TET2-Y1579 YMRRPNPVS	14413	14266
>TET2-Y1579 YMRRPNPVS	439	>TET2-Y1579 YMRRPNPVS	7356	6917
>TET2-Y1579 YMRRPNPVS	42	>TET2-Y1579 YMRRPNPVS	5950	5908
>TET2-Y1579 SPYPNSSH	477	>TET2-Y1579 SPSPNSSH	823	346
>TET2-Y1579 SPYPNSSH	135	>TET2-Y1579 SPSPNSSH	224	89
>TET2-Y1579 VSPYPNSSH	962	>TET2-Y1579 VSPSPNSSH	453	509
>TET2-Y1579 VSPYPNSSHT	805	>TET2-Y1579 VSPSPNSSHT	405	400
>TET2-Y1579 VSPYPNSSHT	160	>TET2-Y1579 VSPSPNSSHT	87	73
>TET2-Y1579 VSPYPNSSH	179	>TET2-Y1579 VSPSPNSSH	107	72
>TET2-Y1579 NPVSPYPNSS	252	>TET2-Y1579 NPVSPSPNSS	149	103
>TET2-Y1579 RPNPVSPY	288	>TET2-Y1579 RPNPVSPS	623	335
>TET2-Y1579 RPNPVSPY	180	>TET2-Y1579 RPNPVSPS	11018	10838
>TET2-Y1579 RPNPVSPY	13	>TET2-Y1579 RPNPVSPS	1032	1019
>TET2-Y1579 RPNPVSPY	10	>TET2-Y1579 RPNPVSPS	2136	2126
>TET2-Y1579 RRPNPVSPY	9	>TET2-Y1579 RRPNPVSPS	1720	1711
>TET2-Y1579 RRPNPVSPY	310	>TET2-Y1579 RRPNPVSPS	821	511
>TET2-Y1579 RRPNPVSPY	480	>TET2-Y1579 RRPNPVSPS	1707	1227
>TET2-Y1579 MRRPNPVSP	440	>TET2-Y1579 MRRPNPVSP	24697	24257
>TET2-Y1579 MRRPNPVSP	4	>TET2-Y1579 MRRPNPVSP	261	257
>TET2-Y1579 MRRPNPVSP	107	>TET2-Y1579 MRRPNPVSP	4380	4273
>TFE3-A125T QAQEQERRE	954	>TFE3-A125T QTQEQERREI	426	528
>TFE3-A125T QAQEQERR	562	>TFE3-A125T QTQEQERR	127	435
>TFE3-A125T QAQEQERRE	569	>TFE3-A125T QTQEQERREI	139	430
>TFE3-A125T LLRQQLMRAI	78	>TFE3-A125T LLRQQLMRAI	872	794
>TFE3-A125T LLRQQLMRAI	9	>TFE3-A125T LLRQQLMRAI	41	32
>TFE3-A125T LLRQQLMRAI	129	>TFE3-A125T LLRQQLMRAI	3297	3168
>TFE3-A125T LLRQQLMRAI	415	>TFE3-A125T LLRQQLMRAI	3591	3176
>TFE3-A125T RAQAQEQER	54	>TFE3-A125T RAQTQEQER	77	23
>TFE3-A125T RAQAQEQER	502	>TFE3-A125T RAQTQEQER	416	86
>TFE3-A125T MRAQAQEQI	399	>TFE3-A125T MRAQTQEQE	351	48
>TFE3-A125T MRAQAQEQI	98	>TFE3-A125T MRAQTQEQE	127	29

>TFE3-A125T MRAQAQEQI	321	>TFE3-A125T MRAQTQEQE	372	51
>TFE3-A125T LMRAQAQEC	163	>TFE3-A125T LMRAQTQEC	83	80
>TFE3-A125T LMRAQAQEC	939	>TFE3-A125T LMRAQTQEC	330	609
>TFE3-A125T LMRAQAQEC	568	>TFE3-A125T LMRAQTQEC	355	213
>TFE3-A125T LMRAQAQEC	49	>TFE3-A125T LMRAQTQEC	36	13
>TFE3-A125T LMRAQAQEC	873	>TFE3-A125T LMRAQTQEC	439	434
>TFE3-A125T LMRAQAQEC	355	>TFE3-A125T LMRAQTQEC	289	66
>TFE3-A125T QLMRAQAQ	1271	>TFE3-A125T QLMRAQTQ	479	792
>TFE3-A125T QLMRAQAQ	308	>TFE3-A125T QLMRAQTQ	250	58
>TFE3-A125T QQLMRAQA	449	>TFE3-A125T QQLMRAQT	3300	2851
>TFE3-A125T LRQQLMRAC	476	>TFE3-A125T LRQQLMRAC	448	28
>TFG-A149S- SASDSSGK	1178	>TFG-A149S- SSSDSSGK	380	798
>TFG-A149S- SASDSSGK	57	>TFG-A149S- SSSDSSGK	19	38
>TFG-A149S- SASDSSGK	712	>TFG-A149S- SSSDSSGK	246	466
>TFG-A149S- SASDSSGK	123	>TFG-A149S- SSSDSSGK	143	20
>TFG-A149S- SASDSSGK	1234	>TFG-A149S- SSSDSSGK	275	959
>TFG-A149S- KSASDSSGK	84	>TFG-A149S- KSSSDSSGK	92	8
>TFG-A149S- KSASDSSGK	67	>TFG-A149S- KSSSDSSGK	56	11
>TFG-A149S- KSASDSSGK	215	>TFG-A149S- KSSSDSSGK	81	134
>TFG-A149S- EEKSASDSS	882	>TFG-A149S- EEKSSSDSS	449	433
>TFG-A149S- REEKASDSS	463	>TFG-A149S- REEKSSSDSS	652	189
>TFG-N384K- NRPPFGQGY	689	>TFG-N384K- KRPPFGQGY	142	547
>TFG-N384K- RNRPPFGQG	267	>TFG-N384K- RKRPPFGQG	956	689
>TFG-N384K- RNRPPFGQG	367	>TFG-N384K- RKRPPFGQG	1201	834
>TFG-N384K- RNRPPFGQG	153	>TFG-N384K- RKRPPFGQG	827	674
>TFG-N384K- RNRPPFGQG	475	>TFG-N384K- RKRPPFGQG	956	481
>TFG-N384K- RNRPPFGQG	129	>TFG-N384K- RKRPPFGQG	4	125
>TFG-N384K- RNRPPFGQG	59	>TFG-N384K- RKRPPFGQG	209	150
>TFG-N384K- ARNRPPFGQ	65	>TFG-N384K- ARKRPPFGQ	55	10
>TFG-N384K- ARNRPPFGQ	338	>TFG-N384K- ARKRPPFGQ	577	239
>TFG-N384K- YARNRPPF	517	>TFG-N384K- YARKRPPF	493	24
>TFG-N384K- YARNRPPFG	56	>TFG-N384K- YARKRPPFG	48	8
>TFG-N384K- YARNRPPF	104	>TFG-N384K- YARKRPPF	62	42
>TFG-N384K- YARNRPPF	105	>TFG-N384K- YARKRPPF	37	68
>TFG-N384K- YARNRPPF	71	>TFG-N384K- YARKRPPF	87	16
>TFG-N384K- YARNRPPF	8	>TFG-N384K- YARKRPPF	10	2
>TFG-N384K- YARNRPPF	7	>TFG-N384K- YARKRPPF	7	0
>TFG-N384K- YARNRPPF	91	>TFG-N384K- YARKRPPF	164	73
>TFG-N384K- YARNRPPF	159	>TFG-N384K- YARKRPPF	392	233
>TFG-N384K- PYARNRPPF	92	>TFG-N384K- PYARKRPPF	253	161
>TFG-N384K- PYARNRPPF	358	>TFG-N384K- PYARKRPPF	470	112
>TFG-N384K- PYARNRPPF	48	>TFG-N384K- PYARKRPPF	140	92
>TFG-N384K- NPYARNRPPF	165	>TFG-N384K- NPYARKRPPF	260	95

>TFG-N384K-NPYARNRPPF	76	>TFG-N384K-NPYARKRPPF	96	20
>TFG-N384K-NPYARNRPPF	260	>TFG-N384K-NPYARKRPPF	709	449
>TFG-N384K-NPYARNRPPF	198	>TFG-N384K-NPYARKRPPF	616	418
>TFG-N384K-NPYARNRPPF	74	>TFG-N384K-NPYARKRPPF	54	20
>TFG-N384K-NPYARNRPPF	400	>TFG-N384K-NPYARKRPPF	1088	688
>TFRC-F297L SFFGHAHL	54	>TFRC-F297L SLFGHAHL	57	3
>TFRC-F297L SFFGHAHL	11640	>TFRC-F297L SLFGHAHL	29	11611
>TFRC-F297L SFFGHAHLGT	17429	>TFRC-F297L SLFGHAHLGT	143	17286
>TFRC-F297L SFFGHAHL	258	>TFRC-F297L SLFGHAHL	6	252
>TFRC-F297L SFFGHAHLG	8786	>TFRC-F297L SLFGHAHLG	147	8639
>TFRC-F297L SFFGHAHLGT	12145	>TFRC-F297L SLFGHAHLGT	108	12037
>TFRC-F297L SFFGHAHL	10435	>TFRC-F297L SLFGHAHL	18	10417
>TFRC-F297L SFFGHAHLGT	7735	>TFRC-F297L SLFGHAHLGT	48	7687
>TFRC-F297L SFFGHAHL	4039	>TFRC-F297L SLFGHAHL	88	3951
>TFRC-F297L SFFGHAHL	1655	>TFRC-F297L SLFGHAHL	3	1652
>TFRC-F297L SFFGHAHLG	21182	>TFRC-F297L SLFGHAHLG	207	20975
>TFRC-F297L SFFGHAHLGT	10677	>TFRC-F297L SLFGHAHLGT	19	10658
>TFRC-F297L SFFGHAHLGT	21058	>TFRC-F297L SLFGHAHLGT	207	20851
>TFRC-F297L SFFGHAHL	12781	>TFRC-F297L SLFGHAHL	18	12763
>TFRC-F297L SFFGHAHL	3073	>TFRC-F297L SLFGHAHL	7	3066
>TFRC-F297L SFFGHAHLGT	12496	>TFRC-F297L SLFGHAHLGT	115	12381
>TFRC-F297L SFFGHAHL	19594	>TFRC-F297L SLFGHAHL	263	19331
>TFRC-F297L SFFGHAHL	1586	>TFRC-F297L SLFGHAHL	2	1584
>TFRC-F297L SFFGHAHLG	29852	>TFRC-F297L SLFGHAHLG	149	29703
>TFRC-F297L SFFGHAHLGT	18454	>TFRC-F297L SLFGHAHLGT	12	18442
>TFRC-F297L SFFGHAHL	87	>TFRC-F297L SLFGHAHL	10852	10765
>TFRC-F297L SFFGHAHL	4184	>TFRC-F297L SLFGHAHL	234	3950
>TFRC-F297L SFFGHAHL	4412	>TFRC-F297L SLFGHAHL	242	4170
>TFRC-F297L SFFGHAHL	391	>TFRC-F297L SLFGHAHL	2156	1765
>TFRC-F297L SFFGHAHL	280	>TFRC-F297L SLFGHAHL	15404	15124
>TFRC-F297L SFFGHAHLG	462	>TFRC-F297L SLFGHAHLG	19168	18706
>TFRC-F297L KFPIVNAELSF	301	>TFRC-F297L KFPIVNAELSL	4189	3888
>TFRC-F297L KFPIVNAELSF	151	>TFRC-F297L KFPIVNAELSL	1143	992
>TFRC-F297L KFPIVNAELSF	8	>TFRC-F297L KFPIVNAELSL	40	32
>TFRC-F297L KFPIVNAELSF	1671	>TFRC-F297L KFPIVNAELSL	415	1256
>TFRC-F297L LSFFGHAHL	86	>TFRC-F297L LSLFGHAHL	410	324
>TFRC-F297L LSFFGHAHL	296	>TFRC-F297L LSLFGHAHL	611	315
>TFRC-F297L LSFFGHAHL	175	>TFRC-F297L LSLFGHAHL	6430	6255
>TFRC-F297L LSFFGHAHL	110	>TFRC-F297L LSLFGHAHL	744	634
>TFRC-F297L LSFFGHAH	490	>TFRC-F297L LSLFGHAH	2379	1889
>TFRC-F297L LSFFGHAHL	209	>TFRC-F297L LSLFGHAHL	1538	1329
>TFRC-F297L LSFFGHAH	257	>TFRC-F297L LSLFGHAH	875	618
>TFRC-F297L LSFFGHAHL	4	>TFRC-F297L LSLFGHAHL	5	1

>TFRC-F297L LSFFGHAHLG	232	>TFRC-F297L LSLFGHAHLG	668	436
>TFRC-F297L LSFFGHAHL	366	>TFRC-F297L LSLFGHAHL	486	120
>TFRC-F297L LSFFGHAHL	58	>TFRC-F297L LSLFGHAHL	248	190
>TFRC-F297L LSFFGHAHL	38	>TFRC-F297L LSLFGHAHL	172	134
>TFRC-F297L ELSFFGHAHL	158	>TFRC-F297L ELSLFGHAHL	127	31
>TFRC-F297L ELSFFGHAHL	400	>TFRC-F297L ELSLFGHAHL	285	115
>TFRC-F297L ELSFFGHAHL	303	>TFRC-F297L ELSLFGHAHL	723	420
>TFRC-F297L ELSFFGHAHL	288	>TFRC-F297L ELSLFGHAHL	503	215
>TFRC-F297L ELSFFGHAHL	35	>TFRC-F297L ELSLFGHAHL	47	12
>TFRC-F297L ELSFFGHA	184	>TFRC-F297L ELSLFGHA	815	631
>TFRC-F297L ELSFFGHAHL	106	>TFRC-F297L ELSLFGHAHL	717	611
>TFRC-F297L ELSFFGHAHL	246	>TFRC-F297L ELSLFGHAHL	565	319
>TFRC-F297L AELSFFGHAH	12	>TFRC-F297L AELSFGHAH	13	1
>TFRC-F297L AELSFFGHA	194	>TFRC-F297L AELSFGHA	259	65
>TFRC-F297L AELSFFGHAH	95	>TFRC-F297L AELSFGHAH	104	9
>TFRC-F297L AELSFFGH	142	>TFRC-F297L AELSFGH	195	53
>TFRC-F297L AELSFFGHA	426	>TFRC-F297L AELSFGHA	450	24
>TFRC-F297L AELSFFGHAH	152	>TFRC-F297L AELSFGHAH	155	3
>TFRC-F297L AELSFFGH	72	>TFRC-F297L AELSFGH	262	190
>TFRC-F297L AELSFFGHA	6	>TFRC-F297L AELSFGHA	11	5
>TFRC-F297L AELSFFGHAH	59	>TFRC-F297L AELSFGHAH	135	76
>TFRC-F297L AELSFFGHA	31	>TFRC-F297L AELSFGHA	36	5
>TFRC-F297L AELSFFGHAH	13	>TFRC-F297L AELSFGHAH	14	1
>TFRC-F297L IVNAELSF	9158	>TFRC-F297L IVNAELSL	204	8954
>TFRC-F297L IVNAELSF	11467	>TFRC-F297L IVNAELSL	354	11113
>TFRC-F297L IVNAELSF	2431	>TFRC-F297L IVNAELSL	346	2085
>TFRC-F297L IVNAELSFF	467	>TFRC-F297L IVNAELSLF	1763	1296
>TFRC-F297L IVNAELSFF	44	>TFRC-F297L IVNAELSLF	736	692
>TFRC-F297L IVNAELSF	122	>TFRC-F297L IVNAELSL	3079	2957
>TFRC-F297L IVNAELSFF	299	>TFRC-F297L IVNAELSLF	478	179
>TFRC-F297L IVNAELSF	155	>TFRC-F297L IVNAELSL	2546	2391
>TFRC-F297L IVNAELSFF	251	>TFRC-F297L IVNAELSLF	391	140
>TFRC-F297L IVNAELSF	108	>TFRC-F297L IVNAELSL	1902	1794
>TFRC-F297L IVNAELSFF	174	>TFRC-F297L IVNAELSLF	244	70
>TFRC-F297L IVNAELSF	495	>TFRC-F297L IVNAELSL	7209	6714
>TFRC-F297L IVNAELSF	116	>TFRC-F297L IVNAELSL	3076	2960
>TFRC-F297L IVNAELSFF	287	>TFRC-F297L IVNAELSLF	211	76
>TFRC-F297L IVNAELSFF	32	>TFRC-F297L IVNAELSLF	16	16
>TFRC-F297L PIVNAELSFF	90	>TFRC-F297L PIVNAELSLF	670	580
>TFRC-F297L PIVNAELSF	19	>TFRC-F297L PIVNAELSL	23	4
>TFRC-F297L PIVNAELSFF	17	>TFRC-F297L PIVNAELSLF	211	194
>TFRC-F297L PIVNAELSFF	288	>TFRC-F297L PIVNAELSLF	2507	2219
>TFRC-F297L PIVNAELSF	342	>TFRC-F297L PIVNAELSL	187	155

>TFRC-F297L FPIVNAELSF	90	>TFRC-F297L FPIVNAELSL	2142	2052
>TFRC-F297L FPIVNAELSF	188	>TFRC-F297L FPIVNAELSLF	273	85
>TFRC-F297L FPIVNAELSF	11	>TFRC-F297L FPIVNAELSL	24	13
>TFRC-F297L FPIVNAELSF	19	>TFRC-F297L FPIVNAELSLF	19	0
>TFRC-F297L FPIVNAELSF	1195	>TFRC-F297L FPIVNAELSL	29	1166
>TFRC-F297L FPIVNAELSF	37	>TFRC-F297L FPIVNAELSL	80	43
>TFRC-F297L FPIVNAELSF	21	>TFRC-F297L FPIVNAELSLF	15	6
>TFRC-F297L FPIVNAELSF	912	>TFRC-F297L FPIVNAELSLF	255	657
>TFRC-F297L FPIVNAELSF	10	>TFRC-F297L FPIVNAELSL	55	45
>TFRC-F297L FPIVNAELSF	13	>TFRC-F297L FPIVNAELSLF	11	2
>TFRC-R155F REAGSQKDEI	11	>TFRC-R155F HEAGSQKDEI	18	7
>TFRC-R155F REAGSQKDEI	311	>TFRC-R155F HEAGSQKDEI	353	42
>TFRC-R155F REAGSQKDEI	229	>TFRC-R155F HEAGSQKDEI	482	253
>TFRC-R155F KLLNENSYVP	232	>TFRC-R155F KLLNENSYVP	618	386
>TFRC-R155F KLLNENSYVP	363	>TFRC-R155F KLLNENSYVP	4023	3660
>TFRC-R155F KLLNENSYVP	13	>TFRC-R155F KLLNENSYVP	1210	1197
>TFRC-R155F KLLNENSYVP	313	>TFRC-R155F KLLNENSYVP	286	27
>TFRC-R155F KLLNENSYVP	18	>TFRC-R155F KLLNENSYVP	4189	4171
>TFRC-R155F VPREAGSQ	99	>TFRC-R155F VPHEAGSQ	1640	1541
>TFRC-R155F YVPREAGSQ	696	>TFRC-R155F YVPHEAGSQ	476	220
>TFRC-R155F YVPREAGSQ	238	>TFRC-R155F YVPHEAGSQ	146	92
>TFRC-R155F SYVPREAGSC	460	>TFRC-R155F SYVPHEAGSC	542	82
>TFRC-R155F NSYVPREA	976	>TFRC-R155F NSYVPHEA	198	778
>TFRC-R155F ENSYVPREA	1943	>TFRC-R155F ENSYVPHEA	66	1877
>TFRC-R155F NENSYVPR	445	>TFRC-R155F NENSYVPH	177	268
>TFRC-R155F NENSYVPREA	215	>TFRC-R155F NENSYVPHEA	185	30
>TFRC-R155F NENSYVPR	362	>TFRC-R155F NENSYVPH	31605	31243
>TFRC-R155F LNENSYVPR	414	>TFRC-R155F LNENSYVPH	16344	15930
>TFRC-R155F LLNENSYVPR	57	>TFRC-R155F LLNENSYVPH	7016	6959
>TFRC-R155F LLNENSYVPR	77	>TFRC-R155F LLNENSYVPH	5971	5894
>TFRC-R155F LLNENSYVPR	483	>TFRC-R155F LLNENSYVPH	23013	22530
>TFRC-R155F LLNENSYVPR	7273	>TFRC-R155F LLNENSYVPH	358	6915
>TFRC-R155F LLNENSYVPR	164	>TFRC-R155F LLNENSYVPH	24801	24637
>TFRC-T658R TDFGNAEK	476	>TFRC-T658R RDFGNAEK	6668	6192
>TFRC-T658R TDFGNAEKTI	1947	>TFRC-T658R RDFGNAEKTI	282	1665
>TFRC-T658R TTDFGNAEK	41	>TFRC-T658R TRDFGNAEK	12630	12589
>TFRC-T658R TTDFGNAEK	25	>TFRC-T658R TRDFGNAEK	7479	7454
>TFRC-T658R DFFRATSRLT	20270	>TFRC-T658R DFFRATSRLTI	212	20058
>TFRC-T658R DFFRATSRLT	5418	>TFRC-T658R DFFRATSRLTI	12	5406
>TFRC-T658R DFFRATSRLT	17393	>TFRC-T658R DFFRATSRLTI	26	17367
>TFRC-T658R DFFRATSRLT	28203	>TFRC-T658R DFFRATSRLTI	92	28111
>TFRC-T658R LTTDFGNAEK	178	>TFRC-T658R LTRDFGNAEK	119	59
>TFRC-T658R LTTDFGNAEK	43	>TFRC-T658R LTRDFGNAEK	225	182

>TFRC-T658RLTTDFGNA	7751	>TFRC-T658RLTRDFGNA	26	7725
>TFRC-T658RLTTDFGNAEK	240	>TFRC-T658RLTRDFGNAEK	4	236
>TFRC-T658RLTTDFGNAEK	23	>TFRC-T658RLTRDFGNAEK	111	88
>TFRC-T658RLTTDFGNA	333	>TFRC-T658RLTRDFGNA	6288	5955
>TFRC-T658RLTTDFGNAEK	1505	>TFRC-T658RLTRDFGNAEK	410	1095
>TFRC-T658RRLTTDFGNA	68	>TFRC-T658RRLTRDFGNA	128	60
>TFRC-T658RRLTTDFGNA	348	>TFRC-T658RRLTRDFGNA	200	148
>TFRC-T658RRLTTDFGNAE	77	>TFRC-T658RRLTRDFGNAE	74	3
>TFRC-T658RRLTTDFGNAE	231	>TFRC-T658RRLTRDFGNAE	240	9
>TFRC-T658RRLTTDFGNAE	342	>TFRC-T658RRLTRDFGNAE	149	193
>TFRC-T658RTSRLTTDFG	498	>TFRC-T658RTSRLTRDFG	272	226
>TFRC-T658RTSRLTTDFGN	102	>TFRC-T658RTSRLTRDFGN	66	36
>TFRC-T658RTSRLTTDF	139	>TFRC-T658RTSRLTRDF	320	181
>TFRC-T658RTSRLTTDF	12	>TFRC-T658RTSRLTRDF	26	14
>TFRC-T658RTSRLTTDF	99	>TFRC-T658RTSRLTRDF	93	6
>TFRC-T658RATSRLTTDF	27	>TFRC-T658RATSRLTRDF	60	33
>TFRC-T658RATSRLTTDF	164	>TFRC-T658RATSRLTRDF	382	218
>TFRC-T658RATSRLTTDF	27	>TFRC-T658RATSRLTRDF	57	30
>TFRC-T658RATSRLTTDF	459	>TFRC-T658RATSRLTRDF	4904	4445
>TFRC-T658RATSRLTTDF	39	>TFRC-T658RATSRLTRDF	285	246
>TFRC-T658RATSRLTT	14154	>TFRC-T658RATSRLTR	14	14140
>TFRC-T658RATSRLTT	35204	>TFRC-T658RATSRLTR	243	34961
>TFRC-T658RATSRLTTDF	44	>TFRC-T658RATSRLTRDF	108	64
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>TFRC-T658RATSRLTTDF	141	>TFRC-T658RATSRLTRDF	672	531
>TFRC-T658RATSRLTTDF	105	>TFRC-T658RATSRLTRDF	277	172
>TFRC-T658RATSRLTT	33912	>TFRC-T658RATSRLTR	334	33578
>TFRC-T658RFRATSRLTT	899	>TFRC-T658RFRATSRLTR	181	718
>TFRC-T658RFRATSRLTTDI	8	>TFRC-T658RFRATSRLTRDI	12	4
>TFRC-T658RFRATSRLTT	937	>TFRC-T658RFRATSRLTR	68	869
>TFRC-T658RFRATSRLTTDI	277	>TFRC-T658RFRATSRLTRDI	280	3
>TFRC-T658RFRATSRLTT	478	>TFRC-T658RFRATSRLTR	677	199
>TFRC-T658RFRATSRLTTDI	307	>TFRC-T658RFRATSRLTRDI	319	12
>TFRC-T658RFRATSRLTTDI	573	>TFRC-T658RFRATSRLTRDI	380	193
>TFRC-T658RFFRATSRLTT	2107	>TFRC-T658RFFRATSRLTR	479	1628
>TFRC-T658RFFRATSRLTT	9855	>TFRC-T658RFFRATSRLTR	20	9835
>TFRC-T658RFFRATSRLTT	11263	>TFRC-T658RFFRATSRLTR	37	11226
>TFRC-T658RFFRATSRLTT	30177	>TFRC-T658RFFRATSRLTR	119	30058
>TFRC-T658RFFRATSRLTT	26464	>TFRC-T658RFFRATSRLTR	311	26153
>TFRC-T658RFFRATSRLTT	30894	>TFRC-T658RFFRATSRLTR	154	30740
>TFRC-Y563CYPYLGTTM	227	>TFRC-Y563CYPYLGTTM	3067	2840
>TFRC-Y563CYPYLGTTM	73	>TFRC-Y563CYPYLGTTM	327	254
>TFRC-Y563CYPYLGTTMDI	494	>TFRC-Y563CYPYLGTTMDI	2080	1586



>TFRC-Y563CYPYLGTTMD1	135	>TFRC-Y563C CPYLGTTMD1	1611	1476
>TFRC-Y563CYPYLGTTM	9	>TFRC-Y563C CPYLGTTM	35	26
>TFRC-Y563CYPYLGTTM	344	>TFRC-Y563C CPYLGTTM	8471	8127
>TFRC-Y563CYPYLGTTMD1	75	>TFRC-Y563C CPYLGTTMD1	1325	1250
>TFRC-Y563CYPYLGTTM	359	>TFRC-Y563C CPYLGTTM	2363	2004
>TFRC-Y563CYPYLGTTMD1	397	>TFRC-Y563C CPYLGTTMD1	2358	1961
>TFRC-Y563CYPYLGTTMD1	446	>TFRC-Y563C CPYLGTTMD1	6603	6157
>TFRC-Y563CYPYLGTTMD1	335	>TFRC-Y563C CPYLGTTMD1	1559	1224
>TFRC-Y563CYPYLGTTM	7	>TFRC-Y563C CPYLGTTM	12	5
>TFRC-Y563CYPYLGTTMD1	6	>TFRC-Y563C CPYLGTTMD1	9	3
>TFRC-Y563CYPYLGTTM	142	>TFRC-Y563C CPYLGTTM	3644	3502
>TFRC-Y563CYPYLGTTM	414	>TFRC-Y563C CPYLGTTM	754	340
>TFRC-Y563CYPYLGTTM	80	>TFRC-Y563C CPYLGTTM	112	32
>TFRC-Y563CYPYLGTTMD1	31	>TFRC-Y563C CPYLGTTMD1	52	21
>TFRC-Y563CYPYLGTTMD	350	>TFRC-Y563C CPYLGTTMD	377	27
>TFRC-Y563CYPYLGTTMD1	82	>TFRC-Y563C CPYLGTTMD1	1742	1660
>TFRC-Y563CYPYLGTTM	195	>TFRC-Y563C CPYLGTTM	1909	1714
>TFRC-Y563CYPYLGTTMD1	11	>TFRC-Y563C CPYLGTTMD1	145	134
>TFRC-Y563CYPYLGTTM	486	>TFRC-Y563C CPYLGTTM	1551	1065
>TFRC-Y563CYPYLGTTMD1	36	>TFRC-Y563C CPYLGTTMD1	104	68
>TFRC-Y563C VSFCFCEDTD	100	>TFRC-Y563C VSFCFCEDTD	23281	23181
>TFRC-Y563C VSFCFCEDTD	256	>TFRC-Y563C VSFCFCEDTD	27660	27404
>TFRC-Y563C VSFCFCEDTD	281	>TFRC-Y563C VSFCFCEDTD	19945	19664
>TFRC-Y563C VSFCFCEDTD	26	>TFRC-Y563C VSFCFCEDTD	3783	3757
>TFRC-Y563C VSFCFCEDTD	21	>TFRC-Y563C VSFCFCEDTD	13585	13564
>TFRC-Y563C VSFCFCEDTD	415	>TFRC-Y563C VSFCFCEDTD	20998	20583
>TFRC-Y563C VSFCFCEDTD	24	>TFRC-Y563C VSFCFCEDTD	6269	6245
>TFRC-Y563C TDYPYLGTT	392	>TFRC-Y563C TDCPYLGTT	879	487
>TFRC-Y563C TDYPYLGTTM	478	>TFRC-Y563C TDCPYLGTTM	1010	532
>TFRC-Y563C DTDYPYLGTT	946	>TFRC-Y563C DTDCPYLGTT	248	698
>TFRC-Y563C DTDYPYLGTT	366	>TFRC-Y563C DTDCPYLGTT	105	261
>TFRC-Y563C DTDYPYLGTT	898	>TFRC-Y563C DTDCPYLGTT	341	557
>TFRC-Y563C DTDYPYLGTT	173	>TFRC-Y563C DTDCPYLGTT	71	102
>TFRC-Y563C DTDYPYLGTT	142	>TFRC-Y563C DTDCPYLGTT	152	10
>TFRC-Y563C CEDTDYPY	66	>TFRC-Y563C CEDTDCPY	386	320
>TFRC-Y563C CEDTDYPY	33	>TFRC-Y563C CEDTDCPY	134	101
>TFRC-Y563C CEDTDYPY	348	>TFRC-Y563C CEDTDCPY	1836	1488
>TFRC-Y563C FCEDTDYPY	286	>TFRC-Y563C FCEDTDCPY	764	478
>TFRC-Y563C FCEDTDYPY	141	>TFRC-Y563C FCEDTDCPY	3537	3396
>TFRC-Y563C FCEDTDYPY	24	>TFRC-Y563C FCEDTDCPY	55	31
>TFRC-Y563C CFCEDTDYPY	20	>TFRC-Y563C CFCEDTDCPY	98	78
>TFRC-Y563C CFCEDTDY	126	>TFRC-Y563C CFCEDTDC	22374	22248
>TFRC-Y563C CFCEDTDYPY	112	>TFRC-Y563C CFCEDTDCPY	397	285

>TFRC-Y563C FCFCEDTDY	195	>TFRC-Y563C FCFCEDTDC	23838	23643
>TFRC-Y563C FCFCEDTDYP	32	>TFRC-Y563C FCFCEDTDCP	283	251
>TFRC-Y563C FCFCEDTDY	182	>TFRC-Y563C FCFCEDTDC	12912	12730
>TFRC-Y563C FCFCEDTDYP	73	>TFRC-Y563C FCFCEDTDCP	67	6
>TFRC-Y563C FCFCEDTDY	98	>TFRC-Y563C FCFCEDTDC	11587	11489
>TFRC-Y563C FCFCEDTDYP	21	>TFRC-Y563C FCFCEDTDCP	26	5
>TFRC-Y563C FCFCEDTDYP	436	>TFRC-Y563C FCFCEDTDCP	2719	2283
>TFRC-Y563C SFCFCEDTDY	136	>TFRC-Y563C SFCFCEDTDC	26948	26812
>THRAP3-F4: FEKKMADF	308	>THRAP3-F4: LEKKMADF	2104	1796
>THRAP3-F4: FEKKMADF	165	>THRAP3-F4: LEKKMADF	358	193
>THRAP3-F4: FEKKMADF	271	>THRAP3-F4: LEKKMADF	225	46
>THRAP3-F4: FEKKMADFHI	363	>THRAP3-F4: LEKKMADFHI	837	474
>THRAP3-F4: DFEKKMADF	155	>THRAP3-F4: DLEKKMADF	804	649
>THRAP3-F4: SPKRYKLRDD	157	>THRAP3-F4: SPKRYKLRDD	182	25
>THRAP3-F4: SPKRYKLRDD	384	>THRAP3-F4: SPKRYKLRDD	86	298
>THRAP3-F4: SPKRYKLRDD	398	>THRAP3-F4: SPKRYKLRDD	105	293
>THRAP3-F4: KLRDDFEKKM	290	>THRAP3-F4: KLRDDLEKKM	220	70
>THRAP3-F4: KLRDDFEKKM	279	>THRAP3-F4: KLRDDLEKKM	290	11
>THRAP3-F4: KLRDDFEKKM	100	>THRAP3-F4: KLRDDLEKKM	84	16
>THRAP3-F4: KLRDDFEK	136	>THRAP3-F4: KLRDDLEK	163	27
>THRAP3-F4: KLRDDFEK	178	>THRAP3-F4: KLRDDLEK	368	190
>THRAP3-F4: KLRDDFEK	10	>THRAP3-F4: KLRDDLEK	9	1
>THRAP3-F4: KLRDDFEK	43	>THRAP3-F4: KLRDDLEK	57	14
>THRAP3-F4: KLRDDFEKKM	345	>THRAP3-F4: KLRDDLEKKM	456	111
>THRAP3-F4: KLRDDFEK	156	>THRAP3-F4: KLRDDLEK	1867	1711
>THRAP3-F4: YKLRDDFEK	951	>THRAP3-F4: YKLRDDLEK	479	472
>THRAP3-F4: YKLRDDFEK	33	>THRAP3-F4: YKLRDDLEK	37	4
>THRAP3-F4: RYKLRDDF	376	>THRAP3-F4: RYKLRDDL	5087	4711
>THRAP3-F4: RYKLRDDF	418	>THRAP3-F4: RYKLRDDL	1626	1208
>THRAP3-F4: RYKLRDDF	10	>THRAP3-F4: RYKLRDDL	34	24
>THRAP3-F4: RYKLRDDFEK	8	>THRAP3-F4: RYKLRDDLEK	8	0
>THRAP3-F4: RYKLRDDFEK	18	>THRAP3-F4: RYKLRDDLEK	23	5
>THRAP3-F4: RYKLRDDFEK	73	>THRAP3-F4: RYKLRDDLEK	150	77
>THRAP3-F4: RYKLRDDFEK	290	>THRAP3-F4: RYKLRDDLEK	402	112
>THRAP3-F4: RYKLRDDFEK	209	>THRAP3-F4: RYKLRDDLEK	593	384
>THRAP3-F4: KRYKLRDDF	39	>THRAP3-F4: KRYKLRDDL	458	419
>THRAP3-F4: KRYKLRDDF	164	>THRAP3-F4: KRYKLRDDL	108	56
>THRAP3-F4: KRYKLRDDFE	50	>THRAP3-F4: KRYKLRDDLE	54	4
>THRAP3-F4: KRYKLRDDF	39	>THRAP3-F4: KRYKLRDDL	19	20
>THRAP3-F4: KRYKLRDDFE	447	>THRAP3-F4: KRYKLRDDLE	537	90
>THRAP3-F4: KRYKLRDDFE	115	>THRAP3-F4: KRYKLRDDLE	74	41
>THRAP3-F4: KRYKLRDDF	62	>THRAP3-F4: KRYKLRDDL	22	40
>THRAP3-F4: KRYKLRDDFE	194	>THRAP3-F4: KRYKLRDDLE	85	109

>THRAP3-F4: PKRYKLRDDF	153	>THRAP3-F4: PKRYKLRDDL	2740	2587
>THRAP3-H6 HFGSSGRTL	29	>THRAP3-H6 QFGSSGRTL	66	37
>THRAP3-H6 HHFGSSGMT	4425	>THRAP3-H6 HQFGSSGMT	59	4366
>THRAP3-H6 HHFGSSGMT	10650	>THRAP3-H6 HQFGSSGMT	272	10378
>THRAP3-H6 HHFGSSGM	21372	>THRAP3-H6 HQFGSSGM	174	21198
>THRAP3-H6 HHFGSSGMT	11387	>THRAP3-H6 HQFGSSGMT	229	11158
>THRAP3-H6 HHFGSSGM	1678	>THRAP3-H6 HQFGSSGM	404	1274
>THRAP3-H6 HHFGSSGMT	4680	>THRAP3-H6 HQFGSSGMT	367	4313
>THRAP3-H6 HHFGSSGM	11912	>THRAP3-H6 HQFGSSGM	40	11872
>THRAP3-H6 HHFGSSGMT	15776	>THRAP3-H6 HQFGSSGMT	70	15706
>THRAP3-H6 HHFGSSGM	507	>THRAP3-H6 HQFGSSGM	26	481
>THRAP3-H6 HHFGSSGMT	2238	>THRAP3-H6 HQFGSSGMT	82	2156
>THRAP3-H6 HHFGSSGMT	7214	>THRAP3-H6 HQFGSSGMT	268	6946
>THRAP3-H6 HHFGSSGM	238	>THRAP3-H6 HQFGSSGM	15	223
>THRAP3-H6 HHFGSSGMT	64	>THRAP3-H6 HQFGSSGMT	9	55
>THRAP3-H6 HHFGSSGMT	3483	>THRAP3-H6 HQFGSSGMT	363	3120
>THRAP3-H6 HHFGSSGM	204	>THRAP3-H6 HQFGSSGM	4677	4473
>THRAP3-H6 HHFGSSGMT	45	>THRAP3-H6 HQFGSSGMT	1181	1136
>THRAP3-H6 HHFGSSGM	7486	>THRAP3-H6 HQFGSSGM	298	7188
>THRAP3-H6 HHFGSSGMT	352	>THRAP3-H6 HQFGSSGMT	356	4
>THRAP3-H6 HHFGSSGM	29	>THRAP3-H6 HQFGSSGM	48	19
>THRAP3-H6 HHFGSSGMT	8	>THRAP3-H6 HQFGSSGMT	11	3
>THRAP3-H6 HHFGSSGMT	4339	>THRAP3-H6 HQFGSSGMT	84	4255
>THRAP3-H6 HHFGSSGM	190	>THRAP3-H6 HQFGSSGM	4155	3965
>THRAP3-H6 HHFGSSGMT	320	>THRAP3-H6 HQFGSSGMT	6686	6366
>THRAP3-H6 EHHFGSSGM	92	>THRAP3-H6 EHQFGSSGM	253	161
>THRAP3-H6 EHHFGSSGM	53	>THRAP3-H6 EHQFGSSGM	101	48
>THRAP3-H6 KEHHFGSSGM	97	>THRAP3-H6 KEHQFGSSGM	278	181
>THRAP3-H6 KEHHFGSS	136	>THRAP3-H6 KEHQFGSS	112	24
>THRAP3-H6 KEHHFGSSG	412	>THRAP3-H6 KEHQFGSSG	335	77
>THRAP3-H6 KEHHFGSSGM	437	>THRAP3-H6 KEHQFGSSGM	432	5
>THRAP3-H6 KEHHFGSSGM	75	>THRAP3-H6 KEHQFGSSGM	63	12
>THRAP3-H6 KEHHFGSSGM	487	>THRAP3-H6 KEHQFGSSGM	690	203
>THRAP3-H6 KEHHFGSS	312	>THRAP3-H6 KEHQFGSS	182	130
>THRAP3-H6 KEHHFGSSG	1230	>THRAP3-H6 KEHQFGSSG	493	737
>THRAP3-H6 KEHHFGSSGM	127	>THRAP3-H6 KEHQFGSSGM	65	62
>THRAP3-H6 KEHHFGSSGM	329	>THRAP3-H6 KEHQFGSSGM	263	66
>THRAP3-H6 KEHHFGSSGM	513	>THRAP3-H6 KEHQFGSSGM	288	225
>THRAP3-H6 HVKEHHFG	24	>THRAP3-H6 HVKEHQFG	39	15
>THRAP3-H6 HVKEHHFGS	90	>THRAP3-H6 HVKEHQFGS	432	342
>THRAP3-H6 HVKEHHFGS	71	>THRAP3-H6 HVKEHQFGS	133	62
>THRAP3-H6 HVKEHHFGS	80	>THRAP3-H6 HVKEHQFGS	215	135
>THRAP3-H6 HHVKEHHF	220	>THRAP3-H6 HHVKEHQF	459	239

>THRAP3-H6 HHVKEHHF	107	>THRAP3-H6 HHVKEHQF	136	29
>THRAP3-H6 VHHVKEHHF	474	>THRAP3-H6 VHHVKEHQF	668	194
>THRAP3-H6 IVHHVKEHHF	399	>THRAP3-H6 IVHHVKEHQF	1314	915
>THRAP3-H6 IVHHVKEHHF	491	>THRAP3-H6 IVHHVKEHQF	718	227
>THRAP3-H6 IVHHVKEHHF	828	>THRAP3-H6 IVHHVKEHQF	261	567
>THRAP3-H6 IVHHVKEHHF	383	>THRAP3-H6 IVHHVKEHQF	426	43
>THRAP3-H6 TIVHHVKEHH	21	>THRAP3-H6 TIVHHVKEHC	37	16
>THRAP3-H6 TIVHHVKEHH	1158	>THRAP3-H6 TIVHHVKEHC	322	836
>THRAP3-P2·PALKSPLQSV	2459	>THRAP3-P2·AALKSPLQSV	116	2343
>THRAP3-P2·PALKSPLQSV	1735	>THRAP3-P2·AALKSPLQSV	75	1660
>THRAP3-P2·PALKSPLQSV'	5352	>THRAP3-P2·AALKSPLQSV	381	4971
>THRAP3-P2·PALKSPLQSV	5816	>THRAP3-P2·AALKSPLQSV	357	5459
>THRAP3-P2·PALKSPLQSV	2769	>THRAP3-P2·AALKSPLQSV	87	2682
>THRAP3-P2·PALKSPLQSV'	5720	>THRAP3-P2·AALKSPLQSV	325	5395
>THRAP3-P2·PALKSPLQSV	1320	>THRAP3-P2·AALKSPLQSV	331	989
>THRAP3-P2·PALKSPLQSV	3101	>THRAP3-P2·AALKSPLQSV	212	2889
>THRAP3-P2·PALKSPLQSV'	3863	>THRAP3-P2·AALKSPLQSV	365	3498
>THRAP3-P2·SPALKSPLQS\	13777	>THRAP3-P2·SAALKSPLQS\	368	13409
>THRAP3-P2·SPALKSPLQS\	9656	>THRAP3-P2·SAALKSPLQS\	176	9480
>THRAP3-P2·SPALKSPLQS\	13333	>THRAP3-P2·SAALKSPLQS\	178	13155
>THRAP3-P2·SPALKSPL	9530	>THRAP3-P2·SAALKSPL	402	9128
>THRAP3-P2·SPALKSPLQS\	5397	>THRAP3-P2·SAALKSPLQS\	202	5195
>THRAP3-P2·SPALKSPLQS\	959	>THRAP3-P2·SAALKSPLQS\	209	750
>THRAP3-P2·SPALKSPL	12	>THRAP3-P2·SAALKSPL	316	304
>THRAP3-P2·SPALKSPLQS\	40	>THRAP3-P2·SAALKSPLQS\	3555	3515
>THRAP3-P2·SPALKSPL	149	>THRAP3-P2·SAALKSPL	496	347
>THRAP3-P2·SPALKSPL	17869	>THRAP3-P2·SAALKSPL	316	17553
>THRAP3-P2·SPALKSPL	489	>THRAP3-P2·SAALKSPL	3118	2629
>THRAP3-P2·SPALKSPL	378	>THRAP3-P2·SAALKSPL	4015	3637
>THRAP3-P2·RSPALKSPL	393	>THRAP3-P2·RSAALKSPL	5530	5137
>THRAP3-P2·RSPALKSPL	3867	>THRAP3-P2·RSAALKSPL	237	3630
>THRAP3-P2·RSPALKSPL	2828	>THRAP3-P2·RSAALKSPL	345	2483
>THRAP3-P2·RSPALKSPL	1764	>THRAP3-P2·RSAALKSPL	332	1432
>THRAP3-P2·RSPALKSPL	129	>THRAP3-P2·RSAALKSPL	7	122
>THRAP3-P2·RSPALKSPL	371	>THRAP3-P2·RSAALKSPL	300	71
>THRAP3-P2·RSPALKSPL	13482	>THRAP3-P2·RSAALKSPL	166	13316
>THRAP3-P2·RSPALKSPL	9	>THRAP3-P2·RSAALKSPL	1140	1131
>THRAP3-P2·RSPALKSPLQ	174	>THRAP3-P2·RSAALKSPLQ	8372	8198
>THRAP3-P2·RSPALKSPL	1021	>THRAP3-P2·RSAALKSPL	36	985
>THRAP3-P2·RSPALKSPL	471	>THRAP3-P2·RSAALKSPL	164	307
>THRAP3-P2·ERSPALKSPL	1100	>THRAP3-P2·ERSAALKSPL	421	679
>THRAP3-P2·ERSPALKSPL	165	>THRAP3-P2·ERSAALKSPL	81	84
>THRAP3-P2·RERSPALK	25	>THRAP3-P2·RERSAALK	14	11

>THRAP3-P2·RERSPALKSPI	367	>THRAP3-P2·RERSAALKSPI	486	119
>THRAP3-P2·RERSPALKSPI	93	>THRAP3-P2·RERSAALKSPI	123	30
>THRAP3-P2·RERSPALKSPI	51	>THRAP3-P2·RERSAALKSPI	32	19
>THRAP3-P2·RERSPALKSPI	55	>THRAP3-P2·RERSAALKSPI	27	28
>THRAP3-P2·RERSPALKSPI	327	>THRAP3-P2·RERSAALKSPI	465	138
>THRAP3-P2·RERSPALKSPI	26	>THRAP3-P2·RERSAALKSPI	17	9
>THRAP3-P2·RERSPALKSPI	351	>THRAP3-P2·RERSAALKSPI	443	92
>THRAP3-P2·SPRERSPALK	354	>THRAP3-P2·SPRERSAALK	597	243
>THRAP3-P2·SPRERSPA	10	>THRAP3-P2·SPRERSAA	8	2
>THRAP3-P2·SPRERSPAL	7	>THRAP3-P2·SPRERSAAL	6	1
>THRAP3-P2·SPRERSPA	93	>THRAP3-P2·SPRERSAA	73	20
>THRAP3-P2·SPRERSPAL	16	>THRAP3-P2·SPRERSAAL	13	3
>THRAP3-P2·SPRERSPAL	383	>THRAP3-P2·SPRERSAAL	337	46
>THRAP3-P2·SPRERSPAL	460	>THRAP3-P2·SPRERSAAL	248	212
>THRAP3-P2·SPRERSPA	236	>THRAP3-P2·SPRERSAA	283	47
>THRAP3-P2·SPRERSPAL	1605	>THRAP3-P2·SPRERSAAL	366	1239
>THRAP3-P2·LSPRERSPAL	463	>THRAP3-P2·LSPRERSAAL	646	183
>THRAP3-P2·LSPRERSPAL	17	>THRAP3-P2·LSPRERSAAL	10	7
>THRAP3-P2·LSPRERSPAL	1171	>THRAP3-P2·LSPRERSAAL	492	679
>THRAP3-P2·ELSPRERSPAL	442	>THRAP3-P2·ELSPRERSAAL	141	301
>THRAP3-P2·ELSPRERSPA	386	>THRAP3-P2·ELSPRERSAA	455	69
>THRAP3-P2·ELSPRERSPAL	43	>THRAP3-P2·ELSPRERSAAL	43	0
>THRAP3-P2·ELSPRERSPAL	169	>THRAP3-P2·ELSPRERSAAL	117	52
>THRAP3-P2·SELSPRERSPA	438	>THRAP3-P2·SELSPRERSAAL	600	162
>THRAP3-P2·SELSPRERSP	881	>THRAP3-P2·SELSPRERSAA	73	808
>THRAP3-P2·SELSPRERSPA	48	>THRAP3-P2·SELSPRERSAAL	34	14
>THRAP3-P4·APPGKEKQRF	13766	>THRAP3-P4·ATPGKEKQRF	122	13644
>THRAP3-P4·YAPPGKEK	1343	>THRAP3-P4·YATPGKEK	275	1068
>THRAP3-P4·YAPPGKEKQF	1414	>THRAP3-P4·YATPGKEKQF	286	1128
>THRAP3-P4·VYAPPGKEKC	267	>THRAP3-P4·VYATPGKEKC	224	43
>THRAP3-P4·LVYAPPGK	39	>THRAP3-P4·LVYATPGK	41	2
>THRAP3-P4·LVYAPPGKEK	50	>THRAP3-P4·LVYATPGKEK	51	1
>THRAP3-P4·LVYAPPGK	24	>THRAP3-P4·LVYATPGK	27	3
>THRAP3-P4·LVYAPPGKEK	71	>THRAP3-P4·LVYATPGKEK	67	4
>THRAP3-P4·LVYAPPGK	95	>THRAP3-P4·LVYATPGK	31	64
>THRAP3-P4·LVYAPPGKEK	484	>THRAP3-P4·LVYATPGKEK	157	327
>THRAP3-P4·LVYAPPGK	135	>THRAP3-P4·LVYATPGK	51	84
>THRAP3-P4·LVYAPPGKEK	61	>THRAP3-P4·LVYATPGKEK	101	40
>THRAP3-P4·GLVYAPPGK	392	>THRAP3-P4·GLVYATPGK	258	134
>THRAP3-P4·GLVYAPPGK	512	>THRAP3-P4·GLVYATPGK	268	244
>THRAP3-P4·WEGLVYAP	652	>THRAP3-P4·WEGLVYAT	179	473
>THRAP3-P4·WEGLVYAP	1198	>THRAP3-P4·WEGLVYAT	121	1077
>THRAP3-P4·WEGLVYAP	7001	>THRAP3-P4·WEGLVYAT	350	6651

>THRAP3-P4: WEGLVYAP	2288	>THRAP3-P4: WEGLVYAT	357	1931
>THRAP3-P4: KWEGLVYAP	1985	>THRAP3-P4: KWEGLVYAT	455	1530
>THRAP3-P4: KWEGLVYAP	44	>THRAP3-P4: KWEGLVYAT	44	0
>THRAP3-P4: KWEGLVYAPI	158	>THRAP3-P4: KWEGLVYATI	148	10
>TIF1-D673H DSTHKVPV	84	>TIF1-D673H HSTHKVPV	42	42
>TIF1-D673H DSTHKVPVV	12402	>TIF1-D673H HSTHKVPVV	499	11903
>TIF1-D673H DSTHKVPVVI	2586	>TIF1-D673H HSTHKVPVVI	35	2551
>TIF1-D673H DSTHKVPVVI	1111	>TIF1-D673H HSTHKVPVVI	13	1098
>TIF1-D673H DSTHKVPVVI	12062	>TIF1-D673H HSTHKVPVVI	291	11771
>TIF1-D673H DSTHKVPVVI	55	>TIF1-D673H HSTHKVPVVI	33	22
>TIF1-D673H ADSTHKVPV\	3584	>TIF1-D673H AHSTHKVPV\	174	3410
>TIF1-D673H ADSTHKVPV	12901	>TIF1-D673H AHSTHKVPV	165	12736
>TIF1-D673H ADSTHKVPV\	15007	>TIF1-D673H AHSTHKVPV\	380	14627
>TIF1-D673H ADSTHKVPV\	5685	>TIF1-D673H AHSTHKVPV\	29	5656
>TIF1-D673H ADSTHKVPV	276	>TIF1-D673H AHSTHKVPV	6879	6603
>TIF1-D673H ADSTHKVPV	212	>TIF1-D673H AHSTHKVPV	21954	21742
>TIF1-D673H ADSTHKVPV\	180	>TIF1-D673H AHSTHKVPV\	19644	19464
>TIF1-D673H GADSTHKV	333	>TIF1-D673H GAHSTHKV	646	313
>TIF1-D673H GADSTHKVP\	374	>TIF1-D673H GAHSTHKVP\	728	354
>TIF1-D673H GADSTHKV	437	>TIF1-D673H GAHSTHKV	247	190
>TIF1-D673H GADSTHKVP\	15830	>TIF1-D673H GAHSTHKVP\	447	15383
>TIF1-D673H AGADSTHKV	248	>TIF1-D673H AGAHSTHKV	900	652
>TIF1-D673H AGADSTHKV	25	>TIF1-D673H AGAHSTHKV	1165	1140
>TIF1-D673H AGADSTHKVI	258	>TIF1-D673H AGAHSTHKVI	3904	3646
>TIF1-D673H AGADSTHK	477	>TIF1-D673H AGAHSTHK	259	218
>TIF1-D673H KPAGADSTHI	506	>TIF1-D673H KPAGAHSTHI	459	47
>TIF1-D673H KPAGADST	125	>TIF1-D673H KPAGAHST	32	93
>TIF1-D673H KPAGADSTH	742	>TIF1-D673H KPAGAHSTH	88	654
>TIF1-D673H KPAGADSTHI	36	>TIF1-D673H KPAGAHSTHI	18	18
>TIF1-D673H KPAGADSTH	38	>TIF1-D673H KPAGAHSTH	123	85
>TIF1-D673H KPAGADSTH	1668	>TIF1-D673H KPAGAHSTH	352	1316
>TIF1-D673H SSKPAGADS	902	>TIF1-D673H SSKPAGAHS	89	813
>TIF1-D673H SSKPAGADST	2210	>TIF1-D673H SSKPAGAHST	411	1799
>TIF1-D673H SSKPAGADST	1843	>TIF1-D673H SSKPAGAHST	312	1531
>TIF1-D673H SSKPAGADST	257	>TIF1-D673H SSKPAGAHST	150	107
>TIF1-D673H SSKPAGADST	70	>TIF1-D673H SSKPAGAHST	35	35
>TIF1-D673H SSSKPAGAD	6778	>TIF1-D673H SSSKPAGAH	203	6575
>TIF1-E740Q EETVLRSDA	65	>TIF1-E740Q QETVLRSDA	133	68
>TIF1-E740Q SEETVLRSDA	45	>TIF1-E740Q SQETVLRSDA	2883	2838
>TIF1-E740Q LLNSSQSSTSE	3144	>TIF1-E740Q LLNSSQSSTSC	33	3111
>TIF1-E740Q TSEETVLR	1627	>TIF1-E740Q TSQETVLR	151	1476
>TIF1-E740Q TSEETVLR	577	>TIF1-E740Q TSQETVLR	101	476
>TIF1-E740Q TSEETVLR	29	>TIF1-E740Q TSQETVLR	29	0

>TIF1-E740Q STSEETVL	347	>TIF1-E740Q STSQETVL	1081	734
>TIF1-E740Q STSEETVLR	45	>TIF1-E740Q STSQETVLR	71	26
>TIF1-E740Q STSEETVLR	190	>TIF1-E740Q STSQETVLR	388	198
>TIF1-E740Q STSEETVLR	6	>TIF1-E740Q STSQETVLR	8	2
>TIF1-E740Q STSEETVL	129	>TIF1-E740Q STSQETVL	80	49
>TIF1-E740Q STSEETVLR	122	>TIF1-E740Q STSQETVLR	112	10
>TIF1-E740Q STSEETVLR	240	>TIF1-E740Q STSQETVLR	112	128
>TIF1-E740Q STSEETVL	475	>TIF1-E740Q STSQETVL	404	71
>TIF1-E740Q SSTSEETVLR	87	>TIF1-E740Q SSTSQETVLR	73	14
>TIF1-E740Q SSTSEETVLR	410	>TIF1-E740Q SSTSQETVLR	165	245
>TIF1-E740Q SSTSEETVLR	13	>TIF1-E740Q SSTSQETVLR	14	1
>TIF1-E740Q SSTSEETVL	90	>TIF1-E740Q SSTSQETVL	79	11
>TIF1-E740Q QSSTSEETVLF	16	>TIF1-E740Q QSSTSQETVL	16	0
>TIF1-E740Q QSSTSEETV	419	>TIF1-E740Q QSSTSQETV	83	336
>TIF1-E740Q QSSTSEETVL	499	>TIF1-E740Q QSSTSQETVL	463	36
>TIF1-E740Q QSSTSEETVL	206	>TIF1-E740Q QSSTSQETVL	133	73
>TIF1-E740Q QSSTSEETVLF	587	>TIF1-E740Q QSSTSQETVL	350	237
>TIF1-E740Q QSSTSEETVL	239	>TIF1-E740Q QSSTSQETVL	139	100
>TIF1-E740Q SQSSTSEETV	48	>TIF1-E740Q SQSSTSQETV	92	44
>TIF1-E740Q SQSSTSEETVI	332	>TIF1-E740Q SQSSTSQETV	484	152
>TIF1-E740Q SQSSTSEETV	155	>TIF1-E740Q SQSSTSQETV	188	33
>TIF1-E740Q SQSSTSEETV	401	>TIF1-E740Q SQSSTSQETV	574	173
>TIF1-E740Q SQSSTSEETV	182	>TIF1-E740Q SQSSTSQETV	149	33
>TIF1-E740Q SQSSTSEETV	297	>TIF1-E740Q SQSSTSQETV	191	106
>TIF1-E740Q SQSSTSEETV	109	>TIF1-E740Q SQSSTSQETV	85	24
>TIF1-E740Q SQSSTSEETV	827	>TIF1-E740Q SQSSTSQETV	327	500
>TIF1-E740Q SQSSTSEETV	669	>TIF1-E740Q SQSSTSQETV	398	271
>TIF1-E740Q SQSSTSEETVI	188	>TIF1-E740Q SQSSTSQETV	155	33
>TIF1-E740Q SQSSTSEET	1060	>TIF1-E740Q SQSSTSQET	328	732
>TIF1-E740Q SQSSTSEETV	50	>TIF1-E740Q SQSSTSQETV	33	17
>TIF1-E740Q SQSSTSEETVI	18	>TIF1-E740Q SQSSTSQETV	14	4
>TIF1-E740Q SQSSTSEETVI	35	>TIF1-E740Q SQSSTSQETV	29	6
>TIF1-E740Q SSQSSTSEET\	168	>TIF1-E740Q SSQSSTSQET'	119	49
>TIF1-E740Q SSQSSTSEET\	931	>TIF1-E740Q SSQSSTSQET'	415	516
>TIF1-F976C- RFPKPEFR	25	>TIF1-F976C- RCPKPEFR	969	944
>TIF1-F976C- RFPKPEFR	28	>TIF1-F976C- RCPKPEFR	68	40
>TIF1-F976C- LLKNLYPEKRF	161	>TIF1-F976C- LLKNLYPEKRC	17064	16903
>TIF1-F976C- LLKNLYPEKRF	79	>TIF1-F976C- LLKNLYPEKRC	14204	14125
>TIF1-F976C- KRFPKPEFR	392	>TIF1-F976C- KRCPKPEFR	1309	917
>TIF1-F976C- KRFPKPEF	7	>TIF1-F976C- KRCPKPEF	92	85
>TIF1-F976C- KRFPKPEF	150	>TIF1-F976C- KRCPKPEF	4233	4083
>TIF1-F976C- KRFPKPEFR	90	>TIF1-F976C- KRCPKPEFR	3758	3668
>TIF1-F976C- KRFPKPEF	43	>TIF1-F976C- KRCPKPEF	66	23

>TIF1-F976C-KRFPKPEF	297	>TIF1-F976C-KRCPKPEF	187	110
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>TIF1-F976C-EKRFKPEF	21	>TIF1-F976C-EKRCPKPEF	9	12
>TIF1-F976C-YPEKRFKPEI	39	>TIF1-F976C-YPEKRCPKPEI	44	5
>TIF1-F976C-YPEKRFKPEI	109	>TIF1-F976C-YPEKRCPKPEI	155	46
>TIF1-F976C-YPEKRFKPEI	453	>TIF1-F976C-YPEKRCPKPEI	1206	753
>TIF1-F976C-YPEKRFKPEI	49	>TIF1-F976C-YPEKRCPKPEI	50	1
>TIF1-F976C-YPEKRFKPEI	196	>TIF1-F976C-YPEKRCPKPEI	726	530
>TIF1-F976C-YPEKRFKPEI	147	>TIF1-F976C-YPEKRCPKPEI	170	23
>TIF1-F976C-YPEKRFKPEI	97	>TIF1-F976C-YPEKRCPKPEI	257	160
>TIF1-F976C-LYPEKRFKPK	527	>TIF1-F976C-LYPEKRCPK	335	192
>TIF1-F976C-LYPEKRFKPK	129	>TIF1-F976C-LYPEKRCPK	1401	1272
>TIF1-F976C-LYPEKRFKPK	282	>TIF1-F976C-LYPEKRCPK	922	640
>TIF1-F976C-LYPEKRFKPK	131	>TIF1-F976C-LYPEKRCPK	114	17
>TIF1-F976C-NLYPEKRFKPK	43	>TIF1-F976C-NLYPEKRCPK	56	13
>TIF1-F976C-NLYPEKRFKPK	162	>TIF1-F976C-NLYPEKRCPK	777	615
>TIF1-F976C-NLYPEKRFKPK	225	>TIF1-F976C-NLYPEKRCPK	439	214
>TIF1-F976C-NLYPEKRF	241	>TIF1-F976C-NLYPEKRC	18837	18596
>TIF1-F976C-NLYPEKRF	313	>TIF1-F976C-NLYPEKRC	21072	20759
>TIF1-F976C-KNLYPEKRFPI	143	>TIF1-F976C-KNLYPEKRCPI	111	32
>TIF1-F976C-KNLYPEKRFPI	420	>TIF1-F976C-KNLYPEKRCPI	1636	1216
>TIF1-F976C-KNLYPEKRF	179	>TIF1-F976C-KNLYPEKRC	22824	22645
>TIF1-F976C-LKNLYPEKRF	14	>TIF1-F976C-LKNLYPEKRC	7634	7620
>TIF1-I270V-IDTLITKLM	67	>TIF1-I270V-IVDTLITKLM	123	56
>TIF1-I270V-IIDTLITKL	225	>TIF1-I270V-IVDTLITKL	487	262
>TIF1-I270V-IIDTLITKL	553	>TIF1-I270V-IVDTLITKL	486	67
>TIF1-I270V-IIDTLITKL	289	>TIF1-I270V-IVDTLITKL	989	700
>TIF1-I270V-IIDTLITKL	287	>TIF1-I270V-IVDTLITKL	1174	887
>TIF1-I270V-IIDTLITK	247	>TIF1-I270V-IVDTLITK	280	33
>TIF1-I270V-IIDTLITK	64	>TIF1-I270V-IVDTLITK	40	24
>TIF1-I270V-EEAFQNQKVI	44	>TIF1-I270V-EEAFQNQKVI	409	365
>TIF1-I270V-EEAFQNQKVI	322	>TIF1-I270V-EEAFQNQKVI	824	502
>TIF1-I270V-EEAFQNQKVI	601	>TIF1-I270V-EEAFQNQKVI	140	461
>TIF1-I270V-EEAFQNQKVI	367	>TIF1-I270V-EEAFQNQKVI	1710	1343
>TIF1-I270V-VIIDLITKLM	360	>TIF1-I270V-VIVDTLITKLM	483	123
>TIF1-I270V-VIIDLITKL	260	>TIF1-I270V-VIVDTLITKL	432	172
>TIF1-I270V-VIIDLITKL	225	>TIF1-I270V-VIVDTLITKL	379	154
>TIF1-I270V-VIIDLITKL	158	>TIF1-I270V-VIVDTLITKL	217	59
>TIF1-I270V-VIIDLITKLM	378	>TIF1-I270V-VIVDTLITKLM	560	182
>TIF1-I270V-VIIDLITKL	48	>TIF1-I270V-VIVDTLITKL	74	26
>TIF1-I270V-VIIDLITKL	325	>TIF1-I270V-VIVDTLITKL	850	525
>TIF1-I270V-VIIDLITKL	353	>TIF1-I270V-VIVDTLITKL	474	121
>TIF1-I270V-VIIDLITKL	9	>TIF1-I270V-VIVDTLITKL	12	3



>TIF1-I270V-VIIDTLITK	430	>TIF1-I270V-VIVDTLITK	539	109
>TIF1-I270V-VIIDTLITK	14	>TIF1-I270V-VIVDTLITK	30	16
>TIF1-I270V-VIIDTLITKLM	235	>TIF1-I270V-VIVDTLITKLM	511	276
>TIF1-I270V-VIIDTLITK	485	>TIF1-I270V-VIVDTLITK	782	297
>TIF1-I270V-VIIDTLITK	197	>TIF1-I270V-VIVDTLITK	364	167
>TIF1-I270V-VIIDTLITKLM	754	>TIF1-I270V-VIVDTLITKLM	468	286
>TIF1-I270V-KVIIDTLI	82	>TIF1-I270V-KVIVDTLI	69	13
>TIF1-I270V-KVIIDTLITKL	147	>TIF1-I270V-KVIVDTLITKL	123	24
>TIF1-I270V-KVIIDTLITK	45	>TIF1-I270V-KVIVDTLITK	56	11
>TIF1-I270V-KVIIDTLITK	12	>TIF1-I270V-KVIVDTLITK	14	2
>TIF1-I270V-KVIIDTLITK	15	>TIF1-I270V-KVIVDTLITK	12	3
>TIF1-I270V-KVIIDTLI	144	>TIF1-I270V-KVIVDTLI	118	26
>TIF1-I270V-KVIIDTLITKL	176	>TIF1-I270V-KVIVDTLITKL	143	33
>TIF1-I270V-KVIIDTLITK	213	>TIF1-I270V-KVIVDTLITK	276	63
>TIF1-I270V-KVIIDTLITKL	207	>TIF1-I270V-KVIVDTLITKL	421	214
>TIF1-I270V-KVIIDTLI	346	>TIF1-I270V-KVIVDTLI	144	202
>TIF1-I270V-KVIIDTLI	201	>TIF1-I270V-KVIVDTLI	234	33
>TIF1-I270V-NQKVIIDTLI	429	>TIF1-I270V-NQKVIVDTLI	334	95
>TIF1-I270V-NQKVIIDTL	484	>TIF1-I270V-NQKVIVDTL	1091	607
>TIF1-I270V-FQNQKVII	1658	>TIF1-I270V-FQNQKVIV	272	1386
>TIF1-I270V-FQNQKVIIDT	289	>TIF1-I270V-FQNQKVIVD1	322	33
>TIF1-I270V-FQNQKVII	671	>TIF1-I270V-FQNQKVIV	177	494
>TIF1-I270V-FQNQKVIIDT	24	>TIF1-I270V-FQNQKVIVD1	25	1
>TIF1-I270V-FQNQKVII	170	>TIF1-I270V-FQNQKVIV	27	143
>TIF1-I270V-FQNQKVIIDT	38	>TIF1-I270V-FQNQKVIVD1	35	3
>TIF1-I270V-FQNQKVII	86	>TIF1-I270V-FQNQKVIV	19	67
>TIF1-I270V-FQNQKVIIDT	14	>TIF1-I270V-FQNQKVIVD1	16	2
>TIF1-I270V-FQNQKVII	846	>TIF1-I270V-FQNQKVIV	76	770
>TIF1-I270V-FQNQKVIIDT	105	>TIF1-I270V-FQNQKVIVD1	103	2
>TIF1-I270V-FQNQKVII	1961	>TIF1-I270V-FQNQKVIV	193	1768
>TIF1-I270V-FQNQKVIIDT	268	>TIF1-I270V-FQNQKVIVD1	280	12
>TIF1-I270V-FQNQKVII	4014	>TIF1-I270V-FQNQKVIV	137	3877
>TIF1-I270V-FQNQKVII	9870	>TIF1-I270V-FQNQKVIV	135	9735
>TIF1-I270V-FQNQKVIIDT	419	>TIF1-I270V-FQNQKVIVD1	261	158
>TIF1-I270V-FQNQKVII	115	>TIF1-I270V-FQNQKVIV	156	41
>TIF1-I270V-FQNQKVIIDT	155	>TIF1-I270V-FQNQKVIVD1	129	26
>TIF1-I270V-FQNQKVIIDT	66	>TIF1-I270V-FQNQKVIVD1	46	20
>TIF1-I270V-AFQNQKVII	451	>TIF1-I270V-AFQNQKVIV	7178	6727
>TIF1-I270V-EAFQNQKVII	1291	>TIF1-I270V-EAFQNQKVIV	181	1110
>TIF1-I320T-EINKKGGKAL	2263	>TIF1-I320T-ETNKKGGKAL	171	2092
>TIF1-I320T-EINKKGGKAL	300	>TIF1-I320T-ETNKKGGKAL	2012	1712
>TIF1-I320T-KVAIFTLMVE	163	>TIF1-I320T-KVAIFTLMVE	3631	3468
>TIF1-I320T-KVAIFTLMVE	48	>TIF1-I320T-KVAIFTLMVE	934	886

>TIF1-I320T-V KVAIFTLMVE	194	>TIF1-I320T-I KVAIFTLMVE	2458	2264
>TIF1-I320T-V KVAIFTLMVE	106	>TIF1-I320T-I KVAIFTLMVE	1253	1147
>TIF1-I320T-V KVAIFTLMVE	409	>TIF1-I320T-I KVAIFTLMVE	5629	5220
>TIF1-I320T-V KVAIFTLMVE	18	>TIF1-I320T-I KVAIFTLMVE	2189	2171
>TIF1-I320T-V KVAIFTLMVE	175	>TIF1-I320T-I KVAIFTLMVE	4358	4183
>TIF1-I320T-V KVAIFTLMVE	441	>TIF1-I320T-I KVAIFTLMVE	16994	16553
>TIF1-I320T-V KVAIFTLMVE	158	>TIF1-I320T-I KVAIFTLMVE	36864	36706
>TIF1-I320T-V VEINKKGGKAL	449	>TIF1-I320T-I VETNKKGGKAL	233	216
>TIF1-I320T-V VEINKKGGKAL	341	>TIF1-I320T-I VETNKKGGKAL	1111	770
>TIF1-I320T-V VEINKKGGKAL	66	>TIF1-I320T-I VETNKKGGKAL	126	60
>TIF1-I320T-V VEINKKGGKAL	166	>TIF1-I320T-I VETNKKGGKAL	2898	2732
>TIF1-I320T-V VEINKKGGKAL	104	>TIF1-I320T-I VETNKKGGKAL	732	628
>TIF1-I320T-V MVEINKKGGK	252	>TIF1-I320T-I MVETNKKGGK	231	21
>TIF1-I320T-V LMVEINKKGGK	91	>TIF1-I320T-I LMVETNKKGGK	158	67
>TIF1-I320T-V LMVEINKKGGK	96	>TIF1-I320T-I LMVETNKKGGK	98	2
>TIF1-I320T-V LMVEINKKGGK	77	>TIF1-I320T-I LMVETNKKGGK	82	5
>TIF1-I320T-V LMVEINKK	362	>TIF1-I320T-I LMVETNKK	429	67
>TIF1-I320T-V LMVEINKK	272	>TIF1-I320T-I LMVETNKK	559	287
>TIF1-I320T-V TLMVEINK	66	>TIF1-I320T-I TLMVETNK	68	2
>TIF1-I320T-V TLMVEINKK	98	>TIF1-I320T-I TLMVETNKK	87	11
>TIF1-I320T-V TLMVEINKKG	290	>TIF1-I320T-I TLMVETNKKK	236	54
>TIF1-I320T-V TLMVEINK	20	>TIF1-I320T-I TLMVETNK	30	10
>TIF1-I320T-V TLMVEINKK	37	>TIF1-I320T-I TLMVETNKK	33	4
>TIF1-I320T-V TLMVEINKKG	211	>TIF1-I320T-I TLMVETNKKK	181	30
>TIF1-I320T-V TLMVEINK	188	>TIF1-I320T-I TLMVETNK	168	20
>TIF1-I320T-V TLMVEINKK	371	>TIF1-I320T-I TLMVETNKK	350	21
>TIF1-I320T-V FTLMVEINKK	430	>TIF1-I320T-I FTLMVETNKK	274	156
>TIF1-I320T-V FTLMVEINK	33	>TIF1-I320T-I FTLMVETNK	65	32
>TIF1-I320T-V FTLMVEINKK	38	>TIF1-I320T-I FTLMVETNKK	27	11
>TIF1-I320T-V FTLMVEINK	14	>TIF1-I320T-I FTLMVETNK	12	2
>TIF1-I320T-V FTLMVEINKK	29	>TIF1-I320T-I FTLMVETNKK	18	11
>TIF1-I320T-V IFTLMVEINK	263	>TIF1-I320T-I IFTLMVETNK	476	213
>TIF1-I320T-V IFTLMVEI	443	>TIF1-I320T-I IFTLMVET	14650	14207
>TIF1-I320T-V AIFTLMVEI	36	>TIF1-I320T-I AIFTLMVET	826	790
>TIF1-I320T-V AIFTLMVEI	32	>TIF1-I320T-I AIFTLMVET	556	524
>TIF1-I320T-V AIFTLMVEI	63	>TIF1-I320T-I AIFTLMVET	989	926
>TIF1-I320T-V AIFTLMVEI	102	>TIF1-I320T-I AIFTLMVET	623	521
>TIF1-I320T-V AIFTLMVEI	75	>TIF1-I320T-I AIFTLMVET	2547	2472
>TIF1-I320T-V AIFTLMVEI	220	>TIF1-I320T-I AIFTLMVET	5834	5614
>TIF1-I320T-V AIFTLMVEI	230	>TIF1-I320T-I AIFTLMVET	3695	3465
>TIF1-I320T-V AIFTLMVEINI	40	>TIF1-I320T-I AIFTLMVETN	42	2
>TIF1-I320T-V AIFTLMVEINI	9	>TIF1-I320T-I AIFTLMVETN	12	3
>TIF1-I320T-V AIFTLMVEINI	51	>TIF1-I320T-I AIFTLMVETN	239	188

>TIF1-I320T-V AIFTLMVEINI	424	>TIF1-I320T-I AIFTLMVEIN	314	110
>TIF1-I320T-V AIFTLMVEI	19	>TIF1-I320T-I AIFTLMVEI	1645	1626
>TIF1-I320T-V AIFTLMVEINI	102	>TIF1-I320T-I AIFTLMVEIN	89	13
>TIF1-I320T-V AIFTLMVEI	61	>TIF1-I320T-I AIFTLMVEI	2774	2713
>TIF1-I320T-V AIFTLMVEINI	361	>TIF1-I320T-I AIFTLMVEIN	509	148
>TIF1-I320T-V AIFTLMVEI	253	>TIF1-I320T-I AIFTLMVEI	7432	7179
>TIF1-K968N KNLYPEKRFPI	143	>TIF1-K968N NNLYPEKRF	9161	9018
>TIF1-K968N KNLYPEKRFPI	420	>TIF1-K968N NNLYPEKRF	5255	4835
>TIF1-K968N KNLYPEKRF	179	>TIF1-K968N NNLYPEKRF	2079	1900
>TIF1-K968N KNLYPEKR	174	>TIF1-K968N NNLYPEKR	2249	2075
>TIF1-K968N LKNLYPEKRF	14	>TIF1-K968N LNLYPEKRF	1172	1158
>TIF1-K968N KLENYFEELLK	111	>TIF1-K968N KLENYFEELLN	17652	17541
>TIF1-K968N KLENYFEELLK	87	>TIF1-K968N KLENYFEELLN	20325	20238
>TIF1-K968N LLKNLYPEK	1766	>TIF1-K968N LLNLYPEK	402	1364
>TIF1-K968N LLKNLYPEK	178	>TIF1-K968N LLNLYPEK	77	101
>TIF1-K968N LLKNLYPEK	615	>TIF1-K968N LLNLYPEK	60	555
>TIF1-K968N LLKNLYPEK	12	>TIF1-K968N LLNLYPEK	247	235
>TIF1-K968N LLKNLYPEK	174	>TIF1-K968N LLNLYPEK	348	174
>TIF1-K968N LLKNLYPEKR	145	>TIF1-K968N LLNLYPEKR	206	61
>TIF1-K968N LLKNLYPEKRF	161	>TIF1-K968N LLNLYPEKR	260	99
>TIF1-K968N LLKNLYPEKRF	79	>TIF1-K968N LLNLYPEKR	98	19
>TIF1-K968N ELLKNLYPEK	520	>TIF1-K968N ELLNLYPEK	205	315
>TIF1-K968N ELLKNLYPEK	338	>TIF1-K968N ELLNLYPEK	164	174
>TIF1-K968N ELLKNLYPEKF	318	>TIF1-K968N ELLNLYPEKI	242	76
>TIF1-K968N ELLKNLYPEKF	98	>TIF1-K968N ELLNLYPEKI	85	13
>TIF1-K968N ELLKNLYPEKF	113	>TIF1-K968N ELLNLYPEKI	209	96
>TIF1-K968N EELLKNLY	42	>TIF1-K968N EELLNLY	13	29
>TIF1-K968N EELLKNLY	306	>TIF1-K968N EELLNLY	152	154
>TIF1-K968N EELLKNLY	131	>TIF1-K968N EELLNLY	73	58
>TIF1-K968N FEELLKNL	16	>TIF1-K968N FEELLN	35	19
>TIF1-K968N FEELLKNLY	30	>TIF1-K968N FEELLNLY	135	105
>TIF1-K968N FEELLKNLY	137	>TIF1-K968N FEELLNLY	208	71
>TIF1-K968N FEELLKNL	84	>TIF1-K968N FEELLN	43	41
>TIF1-K968N FEELLKNL	324	>TIF1-K968N FEELLN	133	191
>TIF1-K968N YFEELLKNLY	708	>TIF1-K968N YFEELLNLY	402	306
>TIF1-K968N YFEELLKNL	1758	>TIF1-K968N YFEELLN	112	1646
>TIF1-K968N YFEELLKNL	247	>TIF1-K968N YFEELLN	87	160
>TIF1-K968N YFEELLKNLY	151	>TIF1-K968N YFEELLNLY	131	20
>TIF1-K968N YFEELLKNLY	1105	>TIF1-K968N YFEELLNLY	493	612
>TIF1-K968N YFEELLKNLY	539	>TIF1-K968N YFEELLNLY	204	335
>TIF1-K968N NYFEELLKNL	1931	>TIF1-K968N NYFEELLN	488	1443
>TIF1-K968N NYFEELLKNL	11	>TIF1-K968N NYFEELLN	9	2
>TIF1-K968N NYFEELLKNLY	30	>TIF1-K968N NYFEELLNLY	22	8

>TIF1-K968N NYFEELLKNL\	482	>TIF1-K968N NYFEELLNNL'	400	82
>TIF1-K968N NYFEELLK	486	>TIF1-K968N NYFEELLN	13008	12522
>TIF1-K968N NYFEELLK	191	>TIF1-K968N NYFEELLN	19778	19587
>TIF1-K968N NYFEELLKNL\	196	>TIF1-K968N NYFEELLNNL'	94	102
>TIF1-K968N NYFEELLKNL\	227	>TIF1-K968N NYFEELLNNL'	309	82
>TIF1-K968N NYFEELLK	64	>TIF1-K968N NYFEELLN	6724	6660
>TIF1-K968N NYFEELLKNL	1202	>TIF1-K968N NYFEELLNNL	204	998
>TIF1-K968N NYFEELLKNL	1248	>TIF1-K968N NYFEELLNNL	184	1064
>TIF1-K968N ENYFEELLK	71	>TIF1-K968N ENYFEELLN	12605	12534
>TIF1-P499S- PPHPQQLRY	21169	>TIF1-P499S- PSHPQQLRY	274	20895
>TIF1-P499S- PPHPQQLRY	626	>TIF1-P499S- PSHPQQLRY	67	559
>TIF1-P499S- PPHPQQLRY	19273	>TIF1-P499S- PSHPQQLRY	30	19243
>TIF1-P499S- PPHPQQLRY	469	>TIF1-P499S- PSHPQQLRY	15281	14812
>TIF1-P499S- LPPHPQQL	259	>TIF1-P499S- LPSHPQQL	1920	1661
>TIF1-P499S- LPPHPQQL	317	>TIF1-P499S- LPSHPQQL	76	241
>TIF1-P499S- LPPHPQQL	3140	>TIF1-P499S- LPSHPQQL	360	2780
>TIF1-P499S- LPPHPQQLRY	216	>TIF1-P499S- LPSHPQQLRY	73	143
>TIF1-P499S- LPPHPQQL	638	>TIF1-P499S- LPSHPQQL	391	247
>TIF1-P499S- LPPHPQQLRY	293	>TIF1-P499S- LPSHPQQLRY	210	83
>TIF1-P499S- LPPHPQQL	107	>TIF1-P499S- LPSHPQQL	12126	12019
>TIF1-P499S- LPPHPQQLRY	2453	>TIF1-P499S- LPSHPQQLRY	67	2386
>TIF1-P499S- LPPHPQQLRY	2759	>TIF1-P499S- LPSHPQQLRY	375	2384
>TIF1-P499S- VLPPHPQQL	75	>TIF1-P499S- VLPSHPQQL	73	2
>TIF1-P499S- VLPPHPQQL	25	>TIF1-P499S- VLPSHPQQL	25	0
>TIF1-P499S- VLPPHPQQL	7	>TIF1-P499S- VLPSHPQQL	7	0
>TIF1-P499S- VLPPHPQQL	480	>TIF1-P499S- VLPSHPQQL	679	199
>TIF1-P499S- VLPPHPQQL	113	>TIF1-P499S- VLPSHPQQL	151	38
>TIF1-P499S- VLPPHPQQL	137	>TIF1-P499S- VLPSHPQQL	166	29
>TIF1-P499S- VLPPHPQQ	39	>TIF1-P499S- VLPSHPQQ	76	37
>TIF1-P499S- VLPPHPQQL	5	>TIF1-P499S- VLPSHPQQL	7	2
>TIF1-P499S- VLPPHPQQLF	42	>TIF1-P499S- VLPSHPQQLF	48	6
>TIF1-P499S- VLPPHPQQLF	136	>TIF1-P499S- VLPSHPQQLF	95	41
>TIF1-P499S- VLPPHPQQL	104	>TIF1-P499S- VLPSHPQQL	136	32
>TIF1-P499S- VLPPHPQQLF	154	>TIF1-P499S- VLPSHPQQLF	192	38
>TIF1-P499S- GPVLPPHPQC	285	>TIF1-P499S- GPVLPSPHPQC	158	127
>TIF1-R975S- RFPKPEFR	25	>TIF1-R975S- SFPKPEFR	172	147
>TIF1-R975S- RFPKPEFR	28	>TIF1-R975S- SFPKPEFR	60	32
>TIF1-R975S- KRFPKPEFR	19378	>TIF1-R975S- KSFPKPEFR	412	18966
>TIF1-R975S- KRFPKPEFR	16879	>TIF1-R975S- KSFPKPEFR	43	16836
>TIF1-R975S- KRFPKPEFR	9910	>TIF1-R975S- KSFPKPEFR	333	9577
>TIF1-R975S- KRFPKPEFR	392	>TIF1-R975S- KSFPKPEFR	8	384
>TIF1-R975S- KRFPKPEF	2584	>TIF1-R975S- KSFPKPEF	36	2548
>TIF1-R975S- KRFPKPEFR	7568	>TIF1-R975S- KSFPKPEFR	91	7477

>TIF1-R975S- KRFPKPEF	14306	>TIF1-R975S- KSFPKPEF	465	13841
>TIF1-R975S- KRFPKPEF	7	>TIF1-R975S- KSFPKPEF	10	3
>TIF1-R975S- KRFPKPEF	5284	>TIF1-R975S- KSFPKPEF	3	5281
>TIF1-R975S- KRFPKPEFRN	25306	>TIF1-R975S- KSFPKPEFRN	466	24840
>TIF1-R975S- KRFPKPEF	150	>TIF1-R975S- KSFPKPEF	18177	18027
>TIF1-R975S- KRFPKPEFR	90	>TIF1-R975S- KSFPKPEFR	20798	20708
>TIF1-R975S- KRFPKPEF	17292	>TIF1-R975S- KSFPKPEF	63	17229
>TIF1-R975S- KRFPKPEF	12129	>TIF1-R975S- KSFPKPEF	15	12114
>TIF1-R975S- KRFPKPEF	43	>TIF1-R975S- KSFPKPEF	9619	9576
>TIF1-R975S- KRFPKPEF	297	>TIF1-R975S- KSFPKPEF	14794	14497
>TIF1-R975S- KRFPKPEFR	8129	>TIF1-R975S- KSFPKPEFR	135	7994
>TIF1-R975S- KRFPKPEFR	21	>TIF1-R975S- KSFPKPEFR	30	9
>TIF1-R975S- ELLKNLYPEKF	318	>TIF1-R975S- ELLKNLYPEKS	31441	31123
>TIF1-R975S- ELLKNLYPEKF	98	>TIF1-R975S- ELLKNLYPEKS	29446	29348
>TIF1-R975S- ELLKNLYPEKF	113	>TIF1-R975S- ELLKNLYPEKS	26417	26304
>TIF1-R975S- EKRFKPEFR	3089	>TIF1-R975S- EKSFKPEFR	427	2662
>TIF1-R975S- EKRFKPEF	21	>TIF1-R975S- EKSFKPEF	60	39
>TIF1-R975S- PEKRFKPEF	648	>TIF1-R975S- PEKSFKPEF	343	305
>TIF1-R975S- YPEKRFKPEI	39	>TIF1-R975S- YPEKSFKPEI	22	17
>TIF1-R975S- YPEKRFKPEI	109	>TIF1-R975S- YPEKSFKPEI	165	56
>TIF1-R975S- YPEKRFKPEI	453	>TIF1-R975S- YPEKSFKPEI	4524	4071
>TIF1-R975S- YPEKRFKPEI	49	>TIF1-R975S- YPEKSFKPEI	28	21
>TIF1-R975S- YPEKRFKPEI	196	>TIF1-R975S- YPEKSFKPEI	99	97
>TIF1-R975S- YPEKRFKPEI	147	>TIF1-R975S- YPEKSFKPEI	56	91
>TIF1-R975S- YPEKRFKPEI	97	>TIF1-R975S- YPEKSFKPEI	74	23
>TIF1-R975S- LYPEKRFK	129	>TIF1-R975S- LYPEKSFK	790	661
>TIF1-R975S- LYPEKRFK	282	>TIF1-R975S- LYPEKSFK	1481	1199
>TIF1-R975S- LYPEKRFK	131	>TIF1-R975S- LYPEKSFK	198	67
>TIF1-R975S- NLYPEKRFK	43	>TIF1-R975S- NLYPEKSFK	24	19
>TIF1-R975S- NLYPEKRFK	162	>TIF1-R975S- NLYPEKSFK	57	105
>TIF1-R975S- NLYPEKRFK	225	>TIF1-R975S- NLYPEKSFK	96	129
>TIF1-R975S- NLYPEKRF	1966	>TIF1-R975S- NLYPEKSF	333	1633
>TIF1-R975S- NLYPEKRF	241	>TIF1-R975S- NLYPEKSF	84	157
>TIF1-R975S- NLYPEKRF	313	>TIF1-R975S- NLYPEKSF	37	276
>TIF1-R975S- KNLYPEKRFPI	143	>TIF1-R975S- KNLYPEKSFPI	131	12
>TIF1-R975S- KNLYPEKRFPI	420	>TIF1-R975S- KNLYPEKSFPI	801	381
>TIF1-R975S- KNLYPEKRF	179	>TIF1-R975S- KNLYPEKSF	22	157
>TIF1-R975S- KNLYPEKR	174	>TIF1-R975S- KNLYPEKS	27824	27650
>TIF1-R975S- LKNLYPEKRF	14	>TIF1-R975S- LKNLYPEKSF	5	9
>TIF1-R975S- LLKNLYPEKR	145	>TIF1-R975S- LLKNLYPEKS	24191	24046
>TIF1-R975S- LLKNLYPEKRF	161	>TIF1-R975S- LLKNLYPEKSF	53	108
>TIF1-R975S- LLKNLYPEKRF	79	>TIF1-R975S- LLKNLYPEKSF	16	63
>TIF1-T403N- TIQFHCDPSF	208	>TIF1-T403N- NIQFHCDPSF	347	139

>TIF1-T403N·NTIQFHCDPS	369	>TIF1-T403N·NNIQFHCDPS	16559	16190
>TIF1-T403N·NTIQFHCDPS	22	>TIF1-T403N·NNIQFHCDPS	6383	6361
>TIF1-T403N·NTIQFHCDPS	433	>TIF1-T403N·NNIQFHCDPS	9375	8942
>TIF1-T403N·NTIQFHCDPS	228	>TIF1-T403N·NNIQFHCDPS	1377	1149
>TIF1-T403N·NTIQFHCDPS	337	>TIF1-T403N·NNIQFHCDPS	532	195
>TIF1-T403N·NTIQFHCDPS	15	>TIF1-T403N·NNIQFHCDPS	16138	16123
>TIF1-T403N·NTIQFHCDPS	465	>TIF1-T403N·NNIQFHCDPS	10176	9711
>TIF1-T403N·VTNNTIQF	103	>TIF1-T403N·VTNNTIQF	166	63
>TIF1-T403N·VTNNTIQF	389	>TIF1-T403N·VTNNTIQF	630	241
>TIF1-T403N·VTNNTIQF	140	>TIF1-T403N·VTNNTIQF	194	54
>TIF1-T403N·VTNNTIQF	6	>TIF1-T403N·VTNNTIQF	6	0
>TIF1-T403N·VTNNTIQF	43	>TIF1-T403N·VTNNTIQF	101	58
>TIF1-T403N·VTNNTIQFH	276	>TIF1-T403N·VTNNTIQFH	2048	1772
>TIF1-T403N·SPVTNNTI	212	>TIF1-T403N·SPVTNNTI	1615	1403
>TIF1-T403N·SPVTNNTI	138	>TIF1-T403N·SPVTNNTI	47	91
>TIF1-T403N·SPVTNNTIQF	9	>TIF1-T403N·SPVTNNTIQF	11	2
>TIF1-T403N·SPVTNNTI	228	>TIF1-T403N·SPVTNNTI	567	339
>TIF1-T403N·SPVTNNTIQF	463	>TIF1-T403N·SPVTNNTIQF	424	39
>TIF1-T403N·SPVTNNTIQF	202	>TIF1-T403N·SPVTNNTIQF	288	86
>TIF1-T403N·SPVTNNTI	318	>TIF1-T403N·SPVTNNTI	468	150
>TIF1-T403N·SPVTNNTIQF	184	>TIF1-T403N·SPVTNNTIQF	230	46
>TIF1-T403N·SPVTNNTIQF	402	>TIF1-T403N·SPVTNNTIQF	545	143
>TIF1-T403N·SPVTNNTIQF	93	>TIF1-T403N·SPVTNNTIQF	151	58
>TIF1-T403N·ASPVNTNTI	269	>TIF1-T403N·ASPVNTNTI	2321	2052
>TIF1-T403N·ASPVNTNTIQ	321	>TIF1-T403N·ASPVNTNTIQ	727	406
>TIF1-T403N·ASPVNTNTIQ	184	>TIF1-T403N·ASPVNTNTIQ	208	24
>TIF1-T403N·ASPVNTNTIQ	39	>TIF1-T403N·ASPVNTNTIQ	50	11
>TIF1-T403N·ASPVNTNTI	13	>TIF1-T403N·ASPVNTNTI	13	0
>TIF1-T403N·ASPVNTNTIQ	803	>TIF1-T403N·ASPVNTNTIQ	462	341
>TIF1-T403N·ASPVNTNTIQ	9	>TIF1-T403N·ASPVNTNTIQ	12	3
>TIF1-T403N·ASPVNTNTI	67	>TIF1-T403N·ASPVNTNTI	217	150
>TIF1-T403N·CDASPVNTNN	219	>TIF1-T403N·CDASPVNTNN	579	360
>TIF1-T403N·CDASPVNTNN	39	>TIF1-T403N·CDASPVNTNN	58	19
>TLX3-T206R·TDAQVKTWF	326	>TLX3-T206R·TDAQVKTWF	81	245
>TLX3-T206R·MTDAQVKTV	484	>TLX3-T206R·MTDAQVKTV	23517	23033
>TLX3-T206R·MTDAQVKTV	332	>TLX3-T206R·MTDAQVKTV	20808	20476
>TLX3-T206R·MTDAQVKTV	4	>TLX3-T206R·MTDAQVKTV	5650	5646
>TLX3-T206R·MTDAQVKTV	9	>TLX3-T206R·MTDAQVKTV	20818	20809
>TLX3-T206R·MTDAQVKTV	24655	>TLX3-T206R·MTDAQVKTV	112	24543
>TLX3-T206R·MTDAQVKTV	322	>TLX3-T206R·MTDAQVKTV	1537	1215
>TLX3-T206R·MTDAQVKTV	38	>TLX3-T206R·MTDAQVKTV	9641	9603
>TLX3-T206R·MTDAQVKTV	14	>TLX3-T206R·MTDAQVKTV	9380	9366
>TLX3-T206R·MTDAQVKTV	283	>TLX3-T206R·MTDAQVKTV	20363	20080

>TLX3-T206R MTDAQVKT	31	>TLX3-T206R MRDAQVKT	6066	6035
>TLX3-T206R MTDAQVKT	139	>TLX3-T206R MRDAQVKT	750	611
>TLX3-T206R MTDAQVKT	27168	>TLX3-T206R MRDAQVKT	441	26727
>TLX3-T206R MTDAQVKT	10636	>TLX3-T206R MRDAQVKT	247	10389
>TLX3-T206R RAALAKSLKN	19699	>TLX3-T206R RAALAKSLKN	75	19624
>TLX3-T206R RAALAKSLKN	33913	>TLX3-T206R RAALAKSLKN	263	33650
>TLX3-T206R KMTDAQVKT	450	>TLX3-T206R KMRDAQVKT	1757	1307
>TLX3-T206R KMTDAQVKT	206	>TLX3-T206R KMRDAQVKT	3292	3086
>TLX3-T206R KMTDAQVKT	31	>TLX3-T206R KMRDAQVKT	129	98
>TLX3-T206R KMTDAQVK	149	>TLX3-T206R KMRDAQVK	66	83
>TLX3-T206R KMTDAQVK	269	>TLX3-T206R KMRDAQVK	2313	2044
>TLX3-T206R KMTDAQVK	122	>TLX3-T206R KMRDAQVK	4	118
>TLX3-T206R KMTDAQVKT	10640	>TLX3-T206R KMRDAQVKT	63	10577
>TLX3-T206R KMTDAQVKT	13824	>TLX3-T206R KMRDAQVKT	414	13410
>TLX3-T206R KMTDAQVK	575	>TLX3-T206R KMRDAQVK	153	422
>TLX3-T206R KMTDAQVKT	70	>TLX3-T206R KMRDAQVKT	110	40
>TLX3-T206R KMTDAQVKT	340	>TLX3-T206R KMRDAQVKT	659	319
>TLX3-T206R KMTDAQVKT	5564	>TLX3-T206R KMRDAQVKT	441	5123
>TLX3-T206R KMTDAQVKT	1542	>TLX3-T206R KMRDAQVKT	109	1433
>TLX3-T206R KMTDAQVK	2405	>TLX3-T206R KMRDAQVK	357	2048
>TLX3-T206R KMTDAQVKT	773	>TLX3-T206R KMRDAQVKT	115	658
>TLX3-T206R KMTDAQVKT	73	>TLX3-T206R KMRDAQVKT	16	57
>TLX3-T206R KMTDAQVKT	56	>TLX3-T206R KMRDAQVKT	22	34
>TLX3-T206R KMTDAQVKT	302	>TLX3-T206R KMRDAQVKT	61	241
>TLX3-T206R KMTDAQVKT	72	>TLX3-T206R KMRDAQVKT	46	26
>TLX3-T206R KMTDAQVKT	15	>TLX3-T206R KMRDAQVKT	48	33
>TLX3-T206R KMTDAQVKT	173	>TLX3-T206R KMRDAQVKT	3380	3207
>TLX3-T206R KMTDAQVKT	742	>TLX3-T206R KMRDAQVKT	231	511
>TLX3-T206R LKMTDAQV	86	>TLX3-T206R LKMRDAQV	122	36
>TLX3-T206R LKMTDAQVK	84	>TLX3-T206R LKMRDAQVK	91	7
>TLX3-T206R LKMTDAQVK	28	>TLX3-T206R LKMRDAQVK	30	2
>TLX3-T206R LKMTDAQVK	954	>TLX3-T206R LKMRDAQVK	412	542
>TLX3-T206R LKMTDAQVK	106	>TLX3-T206R LKMRDAQVK	78	28
>TLX3-T206R SLKMTDAQV	299	>TLX3-T206R SLKMRDAQV	325	26
>TLX3-T206R SLKMTDAQV	22	>TLX3-T206R SLKMRDAQV	18	4
>TLX3-T206R SLKMTDAQV	47	>TLX3-T206R SLKMRDAQV	159	112
>TLX3-T206R SLKMTDAQV	85	>TLX3-T206R SLKMRDAQV	372	287
>TLX3-T206R SLKMTDAQV	38	>TLX3-T206R SLKMRDAQV	140	102
>TLX3-T206R SLKMTDAQV	3	>TLX3-T206R SLKMRDAQV	4	1
>TLX3-T206R SLKMTDAQV	399	>TLX3-T206R SLKMRDAQV	463	64
>TLX3-T206R SLKMTDAQV	229	>TLX3-T206R SLKMRDAQV	317	88
>TLX3-T206R SLKMTDAQV	42	>TLX3-T206R SLKMRDAQV	47	5
>TLX3-T206R SLKMTDAQV	487	>TLX3-T206R SLKMRDAQV	23	464

>TLX3-T206R KSLKMTDAQ'	354	>TLX3-T206R KSLKMRDAQ'	445	91
>TLX3-T206R KSLKMTDAQ'	75	>TLX3-T206R KSLKMRDAQ'	95	20
>TLX3-T206R KSLKMTDAQ'	351	>TLX3-T206R KSLKMRDAQ'	334	17
>TLX3-T206R KSLKMTDAQ'	19	>TLX3-T206R KSLKMRDAQ'	15	4
>TLX3-T206R KSLKMTDAQ'	863	>TLX3-T206R KSLKMRDAQ'	463	400
>TLX3-T206R KSLKMTDAQ'	379	>TLX3-T206R KSLKMRDAQ'	2631	2252
>TLX3-T206R KSLKMTDAQ'	99	>TLX3-T206R KSLKMRDAQ'	188	89
>TLX3-T206R LAKSLKMT	18849	>TLX3-T206R LAKSLKMR	37	18812
>TLX3-T206R LAKSLKMT	32393	>TLX3-T206R LAKSLKMR	273	32120
>TLX3-T206R ALAKSLKMTC	136	>TLX3-T206R ALAKSLKMRE	829	693
>TLX3-T206R ALAKSLKMT	202	>TLX3-T206R ALAKSLKMR	14123	13921
>TLX3-T206R ALAKSLKMTC	15	>TLX3-T206R ALAKSLKMRE	47	32
>TLX3-T206R ALAKSLKMT	454	>TLX3-T206R ALAKSLKMR	13361	12907
>TLX3-T206R ALAKSLKMTC	38	>TLX3-T206R ALAKSLKMRE	245	207
>TLX3-T206R AALAKSLKMT	22146	>TLX3-T206R AALAKSLKMF	107	22039
>TMPRSS2-P·PVPQYAPRV	5720	>TMPRSS2-P·LVPQYAPRV	73	5647
>TMPRSS2-P·PVPQYAPRV	1309	>TMPRSS2-P·LVPQYAPRV	39	1270
>TMPRSS2-P·PVPQYAPRV	3221	>TMPRSS2-P·LVPQYAPRV	314	2907
>TMPRSS2-P·PVPQYAPRV	101	>TMPRSS2-P·LVPQYAPRV	7	94
>TMPRSS2-P·PVPQYAPR	5024	>TMPRSS2-P·LVPQYAPR	303	4721
>TMPRSS2-P·PVPQYAPR	3717	>TMPRSS2-P·LVPQYAPR	263	3454
>TMPRSS2-P·PVPQYAPRV	1957	>TMPRSS2-P·LVPQYAPRV	326	1631
>TMPRSS2-P·PVPQYAPRV	2512	>TMPRSS2-P·LVPQYAPRV	175	2337
>TMPRSS2-P·PVPQYAPRVL	792	>TMPRSS2-P·LVPQYAPRVL	39	753
>TMPRSS2-P·PVPQYAPR	279	>TMPRSS2-P·LVPQYAPR	189	90
>TMPRSS2-P·SPVPQYAPRV	27160	>TMPRSS2-P·SLVPQYAPRV	228	26932
>TMPRSS2-P·SPVPQYAPRV	22673	>TMPRSS2-P·SLVPQYAPRV	156	22517
>TMPRSS2-P·SPVPQYAPRV	28699	>TMPRSS2-P·SLVPQYAPRV	151	28548
>TMPRSS2-P·SPVPQYAPRV	19538	>TMPRSS2-P·SLVPQYAPRV	161	19377
>TMPRSS2-P·SPVPQYAPRV	22782	>TMPRSS2-P·SLVPQYAPRV	87	22695
>TMPRSS2-P·SPVPQYAPRV	8182	>TMPRSS2-P·SLVPQYAPRV	273	7909
>TMPRSS2-P·SPVPQYAPRV	8462	>TMPRSS2-P·SLVPQYAPRV	3	8459
>TMPRSS2-P·SPVPQYAPRV	25199	>TMPRSS2-P·SLVPQYAPRV	56	25143
>TMPRSS2-P·SPVPQYAPRV	20510	>TMPRSS2-P·SLVPQYAPRV	15	20495
>TMPRSS2-P·SPVPQYAPRV	23938	>TMPRSS2-P·SLVPQYAPRV	184	23754
>TMPRSS2-P·SPVPQYAPRV	12334	>TMPRSS2-P·SLVPQYAPRV	5	12329
>TMPRSS2-P·SPVPQYAPRV	24837	>TMPRSS2-P·SLVPQYAPRV	207	24630
>TMPRSS2-P·SPVPQYAPRV	23358	>TMPRSS2-P·SLVPQYAPRV	45	23313
>TMPRSS2-P·SPVPQYAPRV	6036	>TMPRSS2-P·SLVPQYAPRV	2	6034
>TMPRSS2-P·SPVPQYAPRV	28775	>TMPRSS2-P·SLVPQYAPRV	24	28751
>TMPRSS2-P·SPVPQYAPR	18242	>TMPRSS2-P·SLVPQYAPR	453	17789
>TMPRSS2-P·SPVPQYAPR	554	>TMPRSS2-P·SLVPQYAPR	15	539
>TMPRSS2-P·SPVPQYAPR	3851	>TMPRSS2-P·SLVPQYAPR	445	3406



>TMPRSS2-P·SPVPQYAPR	1722	>TMPRSS2-P·SLVPQYAPR	394	1328
>TMPRSS2-P·SPVPQYAPRV	307	>TMPRSS2-P·SLVPQYAPRV	88	219
>TMPRSS2-P·SPVPQYAPRV	27	>TMPRSS2-P·SLVPQYAPRV	11284	11257
>TMPRSS2-P·SPVPQYAPRV	407	>TMPRSS2-P·SLVPQYAPRV	10489	10082
>TMPRSS2-P·SPVPQYAPRV	138	>TMPRSS2-P·SLVPQYAPRV	1869	1731
>TMPRSS2-P·SPVPQYAPRV	203	>TMPRSS2-P·SLVPQYAPRV	29409	29206
>TMPRSS2-P·SPVPQYAPR	116	>TMPRSS2-P·SLVPQYAPR	57	59
>TMPRSS2-P·EVHPAQYYPS	12687	>TMPRSS2-P·EVHPAQYYPS	86	12601
>TMPRSS2-P·EVHPAQYYPS	4764	>TMPRSS2-P·EVHPAQYYPS	49	4715
>TMPRSS2-P·EVHPAQYYPS	7664	>TMPRSS2-P·EVHPAQYYPS	53	7611
>TMPRSS2-P·PSPVPQYAPR	2083	>TMPRSS2-P·PSLVPQYAPR	421	1662
>TMPRSS2-P·PSPVPQYAPR	119	>TMPRSS2-P·PSLVPQYAPR	18292	18173
>TMPRSS2-P·YPSVPQY	259	>TMPRSS2-P·YPSLVPQY	348	89
>TMPRSS2-P·YPSVPQYAP	607	>TMPRSS2-P·YPSLVPQYAP	439	168
>TMPRSS2-P·YPSVPQYAP	300	>TMPRSS2-P·YPSLVPQYAP	343	43
>TMPRSS2-P·YPSVPQY	10	>TMPRSS2-P·YPSLVPQY	9	1
>TMPRSS2-P·YPSVPQYAP	180	>TMPRSS2-P·YPSLVPQYAP	309	129
>TMPRSS2-P·YPSVPQY	70	>TMPRSS2-P·YPSLVPQY	49	21
>TMPRSS2-P·YPSVPQYA	463	>TMPRSS2-P·YPSLVPQYA	182	281
>TMPRSS2-P·YPSVPQYAP	318	>TMPRSS2-P·YPSLVPQYAP	221	97
>TMPRSS2-P·YPSVPQY	17	>TMPRSS2-P·YPSLVPQY	33	16
>TMPRSS2-P·YPSVPQY	346	>TMPRSS2-P·YPSLVPQY	467	121
>TMPRSS2-P·YPSVPQYAP	360	>TMPRSS2-P·YPSLVPQYAP	432	72
>TMPRSS2-P·YYPSVPQYA	363	>TMPRSS2-P·YYPSLVPQYA	774	411
>TMPRSS2-P·YYPSVPQY	942	>TMPRSS2-P·YYPSLVPQY	311	631
>TMPRSS2-P·YYPSVPQ	485	>TMPRSS2-P·YYPSLVPQ	203	282
>TMPRSS2-P·YYPSVPQY	12	>TMPRSS2-P·YYPSLVPQY	7	5
>TMPRSS2-P·YYPSVPQYA	46	>TMPRSS2-P·YYPSLVPQYA	31	15
>TMPRSS2-P·YYPSVPQYA	325	>TMPRSS2-P·YYPSLVPQYA	189	136
>TMPRSS2-P·YYPSVPQY	1203	>TMPRSS2-P·YYPSLVPQY	239	964
>TMPRSS2-P·YYPSVPQY	24	>TMPRSS2-P·YYPSLVPQY	80	56
>TMPRSS2-P·YYPSVPQY	32	>TMPRSS2-P·YYPSLVPQY	27	5
>TMPRSS2-P·YYPSVPQY	498	>TMPRSS2-P·YYPSLVPQY	731	233
>TMPRSS2-P·YYPSVPQYA	225	>TMPRSS2-P·YYPSLVPQYA	422	197
>TMPRSS2-P·QYYPSVPQY	412	>TMPRSS2-P·QYYPSLVPQY	129	283
>TMPRSS2-P·QYYPSVPQY	386	>TMPRSS2-P·QYYPSLVPQY	154	232
>TMPRSS2-P·QYYPSVPQY	48	>TMPRSS2-P·QYYPSLVPQY	80	32
>TMPRSS2-P·QYYPSVPQY	499	>TMPRSS2-P·QYYPSLVPQY	621	122
>TMPRSS2-P·QYYPSVPQY	87	>TMPRSS2-P·QYYPSLVPQY	64	23
>TMPRSS2-P·QYYPSVPQY	157	>TMPRSS2-P·QYYPSLVPQY	243	86
>TMPRSS2-P·QYYPSVPQY	514	>TMPRSS2-P·QYYPSLVPQY	490	24
>TMPRSS2-P·QYYPSVPQ	311	>TMPRSS2-P·QYYPSLVPQ	423	112
>TMPRSS2-P·QYYPSVPQY	122	>TMPRSS2-P·QYYPSLVPQY	159	37

>TMPRSS2-P.AQYYPSPV	49	>TMPRSS2-P.AQYYPSLV	70	21
>TMPRSS2-P.AQYYPSPV	202	>TMPRSS2-P.AQYYPSLV	169	33
>TMPRSS2-P.AQYYPSPV	15	>TMPRSS2-P.AQYYPSLV	20	5
>TMPRSS2-P.AQYYPSPV	7	>TMPRSS2-P.AQYYPSLV	11	4
>TMPRSS2-P.AQYYPSPV	21	>TMPRSS2-P.AQYYPSLV	37	16
>TMPRSS2-P.AQYYPSPV	74	>TMPRSS2-P.AQYYPSLV	279	205
>TMPRSS2-P.AQYYPSPV	113	>TMPRSS2-P.AQYYPSLV	187	74
>TMPRSS2-P.AQYYPSPVPC	388	>TMPRSS2-P.AQYYPSLVPC	322	66
>TMPRSS2-P.AQYYPSPVPC	555	>TMPRSS2-P.AQYYPSLVPC	290	265
>TMPRSS2-P.AQYYPSPVPC	314	>TMPRSS2-P.AQYYPSLVPC	836	522
>TMPRSS2-P.AQYYPSPVPC	167	>TMPRSS2-P.AQYYPSLVPC	79	88
>TMPRSS2-P.AQYYPSPVPC	89	>TMPRSS2-P.AQYYPSLVPC	131	42
>TMPRSS2-P.AQYYPSPV	93	>TMPRSS2-P.AQYYPSLV	601	508
>TMPRSS2-P.AQYYPSVP	362	>TMPRSS2-P.AQYYPSLVP	218	144
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>TMPRSS2-P.AQYYPSVPC	34	>TMPRSS2-P.AQYYPSLVPC	31	3
>TMPRSS2-P.AQYYPSVPC	72	>TMPRSS2-P.AQYYPSLVPC	115	43
>TMPRSS2-P.AQYYPSPV	5	>TMPRSS2-P.AQYYPSLV	12	7
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>TMPRSS2-P.AQYYPSVPC	34	>TMPRSS2-P.AQYYPSLVPC	36	2
>TMPRSS2-P.AQYYPSVPC	3	>TMPRSS2-P.AQYYPSLVPC	3	0
>TMPRSS2-P.AQYYPSVPC	107	>TMPRSS2-P.AQYYPSLVPC	118	11
>TMPRSS2-P.AQYYPSPV	272	>TMPRSS2-P.AQYYPSLV	563	291
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>TMPRSS2-P.HPAQYYPSPV	51	>TMPRSS2-P.HPAQYYPSLV	135	84
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>TMPRSS2-P.HPAQYYPSPV	193	>TMPRSS2-P.HPAQYYPSLV	1101	908
>TMPRSS2-P.HPAQYYPSP	7720	>TMPRSS2-P.HPAQYYPSL	139	7581
>TMPRSS2-P.HPAQYYPSP	1047	>TMPRSS2-P.HPAQYYPSL	46	1001
>TMPRSS2-P.HPAQYYPSPV	430	>TMPRSS2-P.HPAQYYPSLV	1146	716
>TMPRSS2-P.HPAQYYPSP	8676	>TMPRSS2-P.HPAQYYPSL	14	8662
>TMPRSS2-P.HPAQYYPSPV	63	>TMPRSS2-P.HPAQYYPSLV	271	208
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>TMPRSS2-P.HPAQYYPSPV	493	>TMPRSS2-P.HPAQYYPSLV	1200	707
>TMPRSS2-P.HPAQYYPSP	7850	>TMPRSS2-P.HPAQYYPSL	59	7791
>TMPRSS2-Y.YVYDNLITPAI	59	>TMPRSS2-Y.FVYDNLITPAI	55	4
>TMPRSS2-Y.YVYDNLIT	418	>TMPRSS2-Y.FVYDNLIT	323	95
>TMPRSS2-Y.YVYDNLITPA	59	>TMPRSS2-Y.FVYDNLITPA	66	7
>TMPRSS2-Y.YVYDNLITPAI	28	>TMPRSS2-Y.FVYDNLITPAI	29	1
>TMPRSS2-Y.YVYDNLITPA	31	>TMPRSS2-Y.FVYDNLITPA	24	7
>TMPRSS2-Y.YVYDNLITPAI	133	>TMPRSS2-Y.FVYDNLITPAI	45	88
>TMPRSS2-Y.YVYDNLIT	229	>TMPRSS2-Y.FVYDNLIT	127	102

>TMPRSS2-Y·YVYDNLITPA	18	>TMPRSS2-Y·FVYDNLITPA	17	1
>TMPRSS2-Y·YVYDNLITPAI	47	>TMPRSS2-Y·FVYDNLITPAI	28	19
>TMPRSS2-Y·YVYDNLIT	69	>TMPRSS2-Y·FVYDNLIT	37	32
>TMPRSS2-Y·YVYDNLITP	122	>TMPRSS2-Y·FVYDNLITP	89	33
>TMPRSS2-Y·YVYDNLITPA	22	>TMPRSS2-Y·FVYDNLITPA	20	2
>TMPRSS2-Y·YVYDNLITPAI	7	>TMPRSS2-Y·FVYDNLITPAI	6	1
>TMPRSS2-Y·YVYDNLIT	249	>TMPRSS2-Y·FVYDNLIT	317	68
>TMPRSS2-Y·YVYDNLITP	266	>TMPRSS2-Y·FVYDNLITP	364	98
>TMPRSS2-Y·YVYDNLITPA	5	>TMPRSS2-Y·FVYDNLITPA	5	0
>TMPRSS2-Y·YVYDNLITPAI	10	>TMPRSS2-Y·FVYDNLITPAI	12	2
>TMPRSS2-Y·YVYDNLITPA	16	>TMPRSS2-Y·FVYDNLITPA	21	5
>TMPRSS2-Y·YVYDNLITPAI	30	>TMPRSS2-Y·FVYDNLITPAI	40	10
>TMPRSS2-Y·YVYDNLITPA	21	>TMPRSS2-Y·FVYDNLITPA	25	4
>TMPRSS2-Y·YVYDNLITPAI	111	>TMPRSS2-Y·FVYDNLITPAI	152	41
>TMPRSS2-Y·YVYDNLITPA	270	>TMPRSS2-Y·FVYDNLITPA	606	336
>TMPRSS2-Y·YVYDNLITPAI	46	>TMPRSS2-Y·FVYDNLITPAI	89	43
>TMPRSS2-Y·YVYDNLIT	106	>TMPRSS2-Y·FVYDNLIT	124	18
>TMPRSS2-Y·YVYDNLITPA	5	>TMPRSS2-Y·FVYDNLITPA	5	0
>TMPRSS2-Y·YVYDNLITPAI	16	>TMPRSS2-Y·FVYDNLITPAI	19	3
>TMPRSS2-Y·YVYDNLITPAI	299	>TMPRSS2-Y·FVYDNLITPAI	634	335
>TMPRSS2-Y·YVYDNLITPAI	14	>TMPRSS2-Y·FVYDNLITPAI	12	2
>TMPRSS2-Y·YVYDNLITPAI	7	>TMPRSS2-Y·FVYDNLITPAI	16	9
>TMPRSS2-Y·YVYDNLITPAI	192	>TMPRSS2-Y·FVYDNLITPAI	241	49
>TMPRSS2-Y·YVYDNLITPA	141	>TMPRSS2-Y·FVYDNLITPA	196	55
>TMPRSS2-Y·YVYDNLITPA	16	>TMPRSS2-Y·FVYDNLITPA	18	2
>TMPRSS2-Y·YVYDNLITPAI	8	>TMPRSS2-Y·FVYDNLITPAI	8	0
>TMPRSS2-Y·YVYDNLITPAI	220	>TMPRSS2-Y·FVYDNLITPAI	579	359
>TMPRSS2-Y·YVYDNLITPAI	96	>TMPRSS2-Y·FVYDNLITPAI	153	57
>TMPRSS2-Y·YVYDNLITPAI	297	>TMPRSS2-Y·FVYDNLITPAI	380	83
>TMPRSS2-Y·YVYDNLITPAI	32	>TMPRSS2-Y·FVYDNLITPAI	121	89
>TMPRSS2-Y·YVYDNLITPAI	13	>TMPRSS2-Y·FVYDNLITPAI	16	3
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>TMPRSS2-Y·YVYDNLITPAI	235	>TMPRSS2-Y·FVYDNLITPAI	198	37
>TMPRSS2-Y·YVYDNLITPAI	264	>TMPRSS2-Y·FVYDNLITPAI	792	528
>TMPRSS2-Y·RYVYDNL	53	>TMPRSS2-Y·RFVYDNL	163	110
>TMPRSS2-Y·RYVYDNL	90	>TMPRSS2-Y·RFVYDNL	476	386
>TMPRSS2-Y·RYVYDNL	18	>TMPRSS2-Y·RFVYDNL	384	366
>TMPRSS2-Y·RYVYDNL	420	>TMPRSS2-Y·RFVYDNL	513	93
>TMPRSS2-Y·LIETQRCNSR'	489	>TMPRSS2-Y·LIETQRCNSRI	15231	14742
>TMPRSS2-Y·LIETQRCNSR'	247	>TMPRSS2-Y·LIETQRCNSRI	12936	12689
>TMPRSS2-Y·LIETQRCNSR'	196	>TMPRSS2-Y·LIETQRCNSRI	267	71
>TMPRSS2-Y·LIETQRCNSR'	343	>TMPRSS2-Y·LIETQRCNSRI	11374	11031
>TMPRSS2-Y·SRVYDNL	62	>TMPRSS2-Y·SRFVYDNL	218	156

>TMPRSS2-Y·SRYVYDNL	220	>TMPRSS2-Y·SRFVYDNL	515	295
>TMPRSS2-Y·SRYVYDNL	120	>TMPRSS2-Y·SRFVYDNL	261	141
>TMPRSS2-Y·SRYVYDNL	324	>TMPRSS2-Y·SRFVYDNL	280	44
>TMPRSS2-Y·SRYVYDNL	176	>TMPRSS2-Y·SRFVYDNL	106	70
>TMPRSS2-Y·SRYVYDNL	192	>TMPRSS2-Y·SRFVYDNL	116	76
>TMPRSS2-Y·SRYVYDNLIT	281	>TMPRSS2-Y·SRFVYDNLIT	311	30
>TMPRSS2-Y·SRYVYDNL	158	>TMPRSS2-Y·SRFVYDNL	462	304
>TMPRSS2-Y·SRYVYDNL	28	>TMPRSS2-Y·SRFVYDNL	46	18
>TMPRSS2-Y·CNSRYVYDNL	593	>TMPRSS2-Y·CNSRFVYDNL	324	269
>TMPRSS2-Y·CNSRYVYDNL	400	>TMPRSS2-Y·CNSRFVYDNL	765	365
>TMPRSS2-Y·RCNSRYVY	126	>TMPRSS2-Y·RCNSRFVY	135	9
>TMPRSS2-Y·RCNSRYVY	318	>TMPRSS2-Y·RCNSRFVY	110	208
>TMPRSS2-Y·RCNSRYVY	218	>TMPRSS2-Y·RCNSRFVY	311	93
>TMPRSS2-Y·RCNSRYVY	383	>TMPRSS2-Y·RCNSRFVY	593	210
>TMPRSS2-Y·QRCNSRYVY	211	>TMPRSS2-Y·QRCNSRFVY	385	174
>TMPRSS2-Y·QRCNSRYVY	40	>TMPRSS2-Y·QRCNSRFVY	57	17
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>TMPRSS2-Y·TQRCNSRYV	125	>TMPRSS2-Y·TQRCNSRFV	76	49
>TMPRSS2-Y·TQRCNSRYVY	397	>TMPRSS2-Y·TQRCNSRFVY	1009	612
>TMPRSS2-Y·TQRCNSRY	57	>TMPRSS2-Y·TQRCNSRF	52	5
>TMPRSS2-Y·TQRCNSRYVY	42	>TMPRSS2-Y·TQRCNSRFVY	43	1
>TMPRSS2-Y·TQRCNSRY	91	>TMPRSS2-Y·TQRCNSRF	199	108
>TMPRSS2-Y·TQRCNSRYVY	112	>TMPRSS2-Y·TQRCNSRFVY	116	4
>TMPRSS2-Y·TQRCNSRY	18	>TMPRSS2-Y·TQRCNSRF	6	12
>TMPRSS2-Y·TQRCNSRYV	132	>TMPRSS2-Y·TQRCNSRFV	198	66
>TMPRSS2-Y·TQRCNSRYVY	7	>TMPRSS2-Y·TQRCNSRFVY	8	1
>TMPRSS2-Y·ETQRCNSRY	174	>TMPRSS2-Y·ETQRCNSRF	14925	14751
>TMPRSS2-Y·ETQRCNSRYV	319	>TMPRSS2-Y·ETQRCNSRFV	233	86
>TMPRSS2-Y·ETQRCNSRY	352	>TMPRSS2-Y·ETQRCNSRF	2484	2132
>TMPRSS2-Y·ETQRCNSRY	95	>TMPRSS2-Y·ETQRCNSRF	980	885
>TMPRSS2-Y·ETQRCNSRYV	238	>TMPRSS2-Y·ETQRCNSRFV	287	49
>TMPRSS2-Y·ETQRCNSRY	11	>TMPRSS2-Y·ETQRCNSRF	21	10
>TMPRSS2-Y·ETQRCNSRYV	19	>TMPRSS2-Y·ETQRCNSRFV	34	15
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>TMPRSS2-Y·ETQRCNSRY	79	>TMPRSS2-Y·ETQRCNSRF	6455	6376
>TMPRSS2-Y·ETQRCNSRYV	51	>TMPRSS2-Y·ETQRCNSRFV	73	22
>TMPRSS2-Y·ETQRCNSRY	273	>TMPRSS2-Y·ETQRCNSRF	5566	5293
>TMPRSS2-Y·ETQRCNSRYV	170	>TMPRSS2-Y·ETQRCNSRFV	127	43
>TMPRSS2-Y·ETQRCNSRYV	129	>TMPRSS2-Y·ETQRCNSRFV	273	144
>TMPRSS2-Y·ETQRCNSRYV	72	>TMPRSS2-Y·ETQRCNSRFV	108	36
>TMPRSS2-Y·ETQRCNSRY	132	>TMPRSS2-Y·ETQRCNSRF	79	53
>TMPRSS2-Y·ETQRCNSRYV	335	>TMPRSS2-Y·ETQRCNSRFV	173	162
>TMPRSS2-Y·ETQRCNSRY	5	>TMPRSS2-Y·ETQRCNSRF	6	1

>TMPRSS2-Y·ETQRCNSRYV	46	>TMPRSS2-Y·ETQRCNSRFV	37	9
>TMPRSS2-Y·IETQRCNSRY'	20	>TMPRSS2-Y·IETQRCNSRF'	10	10
>TMPRSS2-Y·IETQRCNSRY	1499	>TMPRSS2-Y·IETQRCNSRF	338	1161
>TMPRSS2-Y·IETQRCNSRY	601	>TMPRSS2-Y·IETQRCNSRF	299	302
>TMPRSS2-Y·IETQRCNSRY	366	>TMPRSS2-Y·IETQRCNSRF	516	150
>TMPRSS2-Y·IETQRCNSRY'	119	>TMPRSS2-Y·IETQRCNSRF'	101	18
>TNFAIP3-A1 KAVKIRER	24	>TNFAIP3-A1 KPVKIRER	1366	1342
>TNFAIP3-A1 KAVKIRER	307	>TNFAIP3-A1 KPVKIRER	6083	5776
>TNFAIP3-A1 KAVKIRER	157	>TNFAIP3-A1 KPVKIRER	144	13
>TNFAIP3-A1 MRKAVKIREF	192	>TNFAIP3-A1 MRKPVKIRER	196	4
>TNFAIP3-A1 MRKAVKIREF	350	>TNFAIP3-A1 MRKPVKIRER	1031	681
>TNFAIP3-A1 NMRKAVKI	349	>TNFAIP3-A1 NMRKPVKI	522	173
>TNFAIP3-A1 NMRKAVKIRI	168	>TNFAIP3-A1 NMRKPVKIRE	150	18
>TNFAIP3-A1 NMRKAVKIRI	218	>TNFAIP3-A1 NMRKPVKIRE	175	43
>TNFAIP3-A1 NMRKAVKIR	407	>TNFAIP3-A1 NMRKPVKIR	543	136
>TNFAIP3-A1 LSNMRKAVK	304	>TNFAIP3-A1 LSNMRKPVK	378	74
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>TNFAIP3-A1 LSNMRKAVK	126	>TNFAIP3-A1 LSNMRKPVK	60	66
>TNFAIP3-A1 LSNMRKAVK	72	>TNFAIP3-A1 LSNMRKPVK	244	172
>TNFAIP3-A1 LSNMRKAVKI	52	>TNFAIP3-A1 LSNMRKPVKI	58	6
>TNFAIP3-A1 LSNMRKAVKI	136	>TNFAIP3-A1 LSNMRKPVKI	365	229
>TNFAIP3-A1 LSNMRKAVKI	1656	>TNFAIP3-A1 LSNMRKPVKI	415	1241
>TNFAIP3-A1 LSNMRKAVKI	398	>TNFAIP3-A1 LSNMRKPVKI	229	169
>TNFAIP3-A1 YLSNMRKAV	263	>TNFAIP3-A1 YLSNMRKPV	125	138
>TNFAIP3-A1 YLSNMRKAVI	238	>TNFAIP3-A1 YLSNMRKPV	141	97
>TNFAIP3-A1 YLSNMRKA	83	>TNFAIP3-A1 YLSNMRKP	4403	4320
>TNFAIP3-A1 YLSNMRKAV	31	>TNFAIP3-A1 YLSNMRKPV	26	5
>TNFAIP3-A1 YLSNMRKAVI	45	>TNFAIP3-A1 YLSNMRKPV	40	5
>TNFAIP3-A1 YLSNMRKA	15	>TNFAIP3-A1 YLSNMRKP	6292	6277
>TNFAIP3-A1 YLSNMRKAV	7	>TNFAIP3-A1 YLSNMRKPV	5	2
>TNFAIP3-A1 YLSNMRKAVI	23	>TNFAIP3-A1 YLSNMRKPV	16	7
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>TNFAIP3-A1 YLSNMRKA	118	>TNFAIP3-A1 YLSNMRKP	10301	10183
>TNFAIP3-A1 YLSNMRKAV	11	>TNFAIP3-A1 YLSNMRKPV	11	0
>TNFAIP3-A1 YLSNMRKAVI	36	>TNFAIP3-A1 YLSNMRKPV	26	10
>TNFAIP3-A1 YLSNMRKA	499	>TNFAIP3-A1 YLSNMRKP	17097	16598
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>TNFAIP3-A1 YLSNMRKAV	53	>TNFAIP3-A1 YLSNMRKPV	50	3
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>TNFAIP3-A1 YLSNMRKAVI	440	>TNFAIP3-A1 YLSNMRKPV	320	120
>TNFAIP3-A1 YLSNMRKAVI	4	>TNFAIP3-A1 YLSNMRKPV	5	1
>TNFAIP3-A1 YLSNMRKAVI	70	>TNFAIP3-A1 YLSNMRKPV	138	68
>TNFAIP3-A1 YLSNMRKAVI	286	>TNFAIP3-A1 YLSNMRKPV	162	124
>TNFAIP3-A1 YLSNMRKAVI	243	>TNFAIP3-A1 YLSNMRKPV	1220	977
>TNFAIP3-A1 YLSNMRKAV	184	>TNFAIP3-A1 YLSNMRKPV	223	39
>TNFAIP3-A1 YLSNMRKAV	421	>TNFAIP3-A1 YLSNMRKPV	498	77
>TNFAIP3-A1 LYLSNMRKA\	104	>TNFAIP3-A1 LYLSNMRKP	94	10
>TNFAIP3-A1 LYLSNMRKA	469	>TNFAIP3-A1 LYLSNMRKP	1199	730
>TNFAIP3-A1 LYLSNMRKA\	96	>TNFAIP3-A1 LYLSNMRKP	241	145
>TNFAIP3-A1 LYLSNMRKA\	134	>TNFAIP3-A1 LYLSNMRKP	82	52
>TNFAIP3-A1 LYLSNMRKA\	350	>TNFAIP3-A1 LYLSNMRKP	762	412
>TNFAIP3-A1 LYLSNMRKA\	426	>TNFAIP3-A1 LYLSNMRKP	316	110
>TNFAIP3-A1 ALYLSNMRK\	282	>TNFAIP3-A1 ALYLSNMRKF	141	141
>TNFAIP3-A1 ALYLSNMRK\	247	>TNFAIP3-A1 ALYLSNMRKF	8663	8416
>TNFAIP3-A1 ALYLSNMRK\	94	>TNFAIP3-A1 ALYLSNMRKF	75	19
>TNFAIP3-A1 ALYLSNMRK\	85	>TNFAIP3-A1 ALYLSNMRKF	7309	7224
>TNFAIP3-A1 ALYLSNMRK\	11	>TNFAIP3-A1 ALYLSNMRKF	8	3
>TNFAIP3-A1 ALYLSNMRK\	464	>TNFAIP3-A1 ALYLSNMRKF	303	161
>TNFAIP3-A1 ALYLSNMRK\	107	>TNFAIP3-A1 ALYLSNMRKF	9612	9505
>TNFAIP3-A1 ALYLSNMRK\	8	>TNFAIP3-A1 ALYLSNMRKF	8	0
>TNFAIP3-A1 ALYLSNMRK\	59	>TNFAIP3-A1 ALYLSNMRKF	53	6
>TNFAIP3-A1 ALYLSNMRK\	480	>TNFAIP3-A1 ALYLSNMRKF	17766	17286
>TNFAIP3-A1 ALYLSNMRK\	25	>TNFAIP3-A1 ALYLSNMRKF	15	10
>TNFAIP3-A1 ALYLSNMRK\	244	>TNFAIP3-A1 ALYLSNMRKF	275	31
>TNFAIP3-A1 ALYLSNMRK\	41	>TNFAIP3-A1 ALYLSNMRKF	14619	14578
>TNFAIP3-A1 ALYLSNMRK\	4	>TNFAIP3-A1 ALYLSNMRKF	4	0
>TNFAIP3-A1 ALYLSNMRK\	167	>TNFAIP3-A1 ALYLSNMRKF	173	6
>TNFAIP3-A5 APAGCLSQA\	3030	>TNFAIP3-A5 TPAGCLSQA\	187	2843
>TNFAIP3-A5 APAGCLSQ	205	>TNFAIP3-A5 TPAGCLSQ	1542	1337
>TNFAIP3-A5 APAGCLSQA	48	>TNFAIP3-A5 TPAGCLSQA	210	162
>TNFAIP3-A5 APAGCLSQA	20	>TNFAIP3-A5 TPAGCLSQA	13	7
>TNFAIP3-A5 APAGCLSQA\	979	>TNFAIP3-A5 TPAGCLSQA\	123	856
>TNFAIP3-A5 DAPAGCLSQ\	1001	>TNFAIP3-A5 DTPAGCLSQ\	88	913
>TNFAIP3-A5 DAPAGCLSQ\	1924	>TNFAIP3-A5 DTPAGCLSQ\	229	1695
>TNFAIP3-A5 SCHRAGNDA	231	>TNFAIP3-A5 SCHRAGNDT	696	465
>TNFAIP3-A7 EPAPEDPPK	163	>TNFAIP3-A7 EPTPEDPPK	298	135
>TNFAIP3-A7 RGEPAPEDPF	477	>TNFAIP3-A7 RGEPTPEDPP	486	9
>TNFAIP3-C1 CLMHATSQY	205	>TNFAIP3-C1 GLMHATSQY	84	121
>TNFAIP3-C1 CLMHATSQ	945	>TNFAIP3-C1 GLMHATSQ	347	598
>TNFAIP3-C1 CLMHATSQY	102	>TNFAIP3-C1 GLMHATSQY	52	50

>TNFAIP3-C1 CLMHATSQYI	251	>TNFAIP3-C1 GLMHATSQY	144	107
>TNFAIP3-C1 CLMHATSQYI	171	>TNFAIP3-C1 GLMHATSQY	36	135
>TNFAIP3-C1 CLMHATSQYI	63	>TNFAIP3-C1 GLMHATSQY	9	54
>TNFAIP3-C1 CLMHATSQYI	2278	>TNFAIP3-C1 GLMHATSQY	96	2182
>TNFAIP3-C1 CLMHATSQYI	15	>TNFAIP3-C1 GLMHATSQY	21	6
>TNFAIP3-C1 CLMHATSQ	2201	>TNFAIP3-C1 GLMHATSQ	313	1888
>TNFAIP3-C1 CLMHATSQYI	342	>TNFAIP3-C1 GLMHATSQY	42	300
>TNFAIP3-C1 CLMHATSQY	116	>TNFAIP3-C1 GLMHATSQY	101	15
>TNFAIP3-C1 CLMHATSQY	86	>TNFAIP3-C1 GLMHATSQY	42	44
>TNFAIP3-C1 CLMHATSQY	104	>TNFAIP3-C1 GLMHATSQY	139	35
>TNFAIP3-C1 CLMHATSQY	111	>TNFAIP3-C1 GLMHATSQY	807	696
>TNFAIP3-C1 CLMHATSQY	65	>TNFAIP3-C1 GLMHATSQY	43	22
>TNFAIP3-C1 CLMHATSQYI	215	>TNFAIP3-C1 GLMHATSQY	89	126
>TNFAIP3-C1 CLMHATSQY	74	>TNFAIP3-C1 GLMHATSQY	38	36
>TNFAIP3-C1 CLMHATSQYI	1014	>TNFAIP3-C1 GLMHATSQY	371	643
>TNFAIP3-C1 CLMHATSQY	69	>TNFAIP3-C1 GLMHATSQY	123	54
>TNFAIP3-C1 CLMHATSQYI	174	>TNFAIP3-C1 GLMHATSQY	227	53
>TNFAIP3-C1 CLMHATSQY	429	>TNFAIP3-C1 GLMHATSQY	207	222
>TNFAIP3-C1 CLMHATSQYI	534	>TNFAIP3-C1 GLMHATSQY	408	126
>TNFAIP3-C1 CLMHATSQY	361	>TNFAIP3-C1 GLMHATSQY	3336	2975
>TNFAIP3-C1 CLMHATSQYI	44	>TNFAIP3-C1 GLMHATSQY	142	98
>TNFAIP3-C1 CLMHATSQY	491	>TNFAIP3-C1 GLMHATSQY	42	449
>TNFAIP3-C1 CLMHATSQYI	608	>TNFAIP3-C1 GLMHATSQY	372	236
>TNFAIP3-C1 CLMHATSQY	181	>TNFAIP3-C1 GLMHATSQY	468	287
>TNFAIP3-C1 NCLMHATSQ	301	>TNFAIP3-C1 NGLMHATSC	577	276
>TNFAIP3-C1 GNCLMHATS	406	>TNFAIP3-C1 GNGLMHATS	374	32
>TNFAIP3-C1 GNCLMHATS	138	>TNFAIP3-C1 GNGLMHATS	220	82
>TNFAIP3-C1 KTNGDGNCL	1757	>TNFAIP3-C1 KTNGDGNGL	379	1378
>TNFAIP3-C1 KTNGDGNCL	1055	>TNFAIP3-C1 KTNGDGNGL	262	793
>TNFAIP3-C1 KTNGDGNCL	1113	>TNFAIP3-C1 KTNGDGNGL	46	1067
>TNFAIP3-C1 KTNGDGNCLI	36	>TNFAIP3-C1 KTNGDGNGL	33	3
>TNFAIP3-C1 KTNGDGNCLI	130	>TNFAIP3-C1 KTNGDGNGL	418	288
>TNFAIP3-C1 KTNGDGNCLI	81	>TNFAIP3-C1 KTNGDGNGL	46	35
>TNFAIP3-C1 KTNGDGNCLI	339	>TNFAIP3-C1 KTNGDGNGL	336	3
>TNFAIP3-C1 LKTNGDGNCI	412	>TNFAIP3-C1 LKTNGDGNG	601	189
>TNFAIP3-C1 LKTNGDGNCI	464	>TNFAIP3-C1 LKTNGDGNG	2256	1792
>TNFAIP3-C1 ALKTNGDGN	225	>TNFAIP3-C1 ALKTNGDGN	117	108
>TNFAIP3-C1 ALKTNGDGN	746	>TNFAIP3-C1 ALKTNGDGN	95	651
>TNFAIP3-C1 ALKTNGDGN	560	>TNFAIP3-C1 ALKTNGDGN	257	303
>TNFAIP3-C1 ALKTNGDGN	84	>TNFAIP3-C1 ALKTNGDGN	26	58
>TNFAIP3-D1 DTDLVLRKAL	1222	>TNFAIP3-D1 VTDLVLRKAL	394	828
>TNFAIP3-D1 DTDLVLRK	1341	>TNFAIP3-D1 VTDLVLRK	31	1310
>TNFAIP3-D1 DTDLVLRK	244	>TNFAIP3-D1 VTDLVLRK	2401	2157

>TNFAIP3-D1 DTDLVLRKAL	11292	>TNFAIP3-D1 VTDLVLRKAL	407	10885
>TNFAIP3-D1 DTDLVLRKAL	2678	>TNFAIP3-D1 VTDLVLRKAL	27	2651
>TNFAIP3-D1 DTDLVLRKAL	6828	>TNFAIP3-D1 VTDLVLRKAL	337	6491
>TNFAIP3-D1 DTDLVLRKAL	997	>TNFAIP3-D1 VTDLVLRKAL	45	952
>TNFAIP3-D1 QDQDLVLRK	12685	>TNFAIP3-D1 QVTDLVLRK	27	12658
>TNFAIP3-D1 QDQDLVLR	12062	>TNFAIP3-D1 QVTDLVLR	268	11794
>TNFAIP3-D1 QDQDLVLR	1521	>TNFAIP3-D1 QVTDLVLR	18	1503
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>TNFAIP3-D1 QDQDLVLRKA	19810	>TNFAIP3-D1 QVTDLVLRKA	452	19358
>TNFAIP3-D1 QDQDLVLR	1015	>TNFAIP3-D1 QVTDLVLR	214	801
>TNFAIP3-D1 ATSQYMWG\	23580	>TNFAIP3-D1 ATSQYMWG\	388	23192
>TNFAIP3-D1 ATSQYMWG\	19514	>TNFAIP3-D1 ATSQYMWG\	137	19377
>TNFAIP3-D1 ATSQYMWG\	23317	>TNFAIP3-D1 ATSQYMWG\	151	23166
>TNFAIP3-D1 ATSQYMWG\	23344	>TNFAIP3-D1 ATSQYMWG\	97	23247
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>TNFAIP3-D1 ATSQYMWG\	23889	>TNFAIP3-D1 ATSQYMWG\	114	23775
>TNFAIP3-D1 ATSQYMWG\	31819	>TNFAIP3-D1 ATSQYMWG\	11	31808
>TNFAIP3-D1 ATSQYMWG\	21447	>TNFAIP3-D1 ATSQYMWG\	152	21295
>TNFAIP3-D1 ATSQYMWG\	18593	>TNFAIP3-D1 ATSQYMWG\	62	18531
>TNFAIP3-D1 ATSQYMWG\	6514	>TNFAIP3-D1 ATSQYMWG\	73	6441
>TNFAIP3-D1 ATSQYMWG\	15913	>TNFAIP3-D1 ATSQYMWG\	484	15429
>TNFAIP3-D1 ATSQYMWG\	1204	>TNFAIP3-D1 ATSQYMWG\	418	786
>TNFAIP3-D1 VQDQDLVLR	186	>TNFAIP3-D1 VQVTDLVLR	81	105
>TNFAIP3-D1 VQDQDLVLRK	443	>TNFAIP3-D1 VQVTDLVLRK	183	260
>TNFAIP3-D1 VQDQDLVLRK	402	>TNFAIP3-D1 VQVTDLVLRK	200	202
>TNFAIP3-D1 VQDQDLVLR	2063	>TNFAIP3-D1 VQVTDLVLR	285	1778
>TNFAIP3-D1 VQDQDLVLR	1792	>TNFAIP3-D1 VQVTDLVLR	85	1707
>TNFAIP3-D1 VQDQDLVLR	192	>TNFAIP3-D1 VQVTDLVLR	175	17
>TNFAIP3-D1 GVQDQDLV	325	>TNFAIP3-D1 GVQVTDLV	994	669
>TNFAIP3-D1 GVQDQDLV	415	>TNFAIP3-D1 GVQVTDLV	1966	1551
>TNFAIP3-D1 GVQDQDLV	99	>TNFAIP3-D1 GVQVTDLV	676	577
>TNFAIP3-D1 GVQDQDLV	250	>TNFAIP3-D1 GVQVTDLV	879	629
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>TNFAIP3-D1 GVQDQDLVLF	19	>TNFAIP3-D1 GVQVTDLVLF	28	9
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>TNFAIP3-D1 WGVQDQDLV	1068	>TNFAIP3-D1 WGVQVTDLV	319	749
>TNFAIP3-D1 WGVQDQDLV	2177	>TNFAIP3-D1 WGVQVTDLV	185	1992
>TNFAIP3-D1 WGVQDQDLV	274	>TNFAIP3-D1 WGVQVTDLV	239	35
>TNFAIP3-D1 MWGVQDQD	1065	>TNFAIP3-D1 MWGVQVTD	282	783
>TNFAIP3-D1 MWGVQDQD	232	>TNFAIP3-D1 MWGVQVTD	121	111
>TNFAIP3-D1 MWGVQDQD	532	>TNFAIP3-D1 MWGVQVTD	370	162
>TNFAIP3-D1 MWGVQDQD	281	>TNFAIP3-D1 MWGVQVTD	230	51
>TNFAIP3-D1 YMWGVQDQ	38	>TNFAIP3-D1 YMWGVQVT	22	16



>TNFAIP3-D1YMWGVQDT	56	>TNFAIP3-D1YMWGVQVT	48	8
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>TNFAIP3-D1YMWGVQDT	782	>TNFAIP3-D1YMWGVQVT	429	353
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>TNFAIP3-D1YMWGVQDT	4	>TNFAIP3-D1YMWGVQVT	4	0
>TNFAIP3-D1YMWGVQDT	582	>TNFAIP3-D1YMWGVQVT	332	250
>TNFAIP3-D1YMWGVQDT	123	>TNFAIP3-D1YMWGVQVT	40	83
>TNFAIP3-D1YMWGVQDT	7	>TNFAIP3-D1YMWGVQVT	7	0
>TNFAIP3-D1YMWGVQDT	604	>TNFAIP3-D1YMWGVQVT	318	286
>TNFAIP3-D1YMWGVQDT	326	>TNFAIP3-D1YMWGVQVT	232	94
>TNFAIP3-D1YMWGVQDT	8	>TNFAIP3-D1YMWGVQVT	8	0
>TNFAIP3-D1YMWGVQDT	4	>TNFAIP3-D1YMWGVQVT	2	2
>TNFAIP3-D1YMWGVQDT	23	>TNFAIP3-D1YMWGVQVT	12	11
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>TNFAIP3-D1YMWGVQDT	1	>TNFAIP3-D1YMWGVQVT	1	0
>TNFAIP3-D1YMWGVQDT	97	>TNFAIP3-D1YMWGVQVT	39	58
>TNFAIP3-D1YMWGVQDT	10	>TNFAIP3-D1YMWGVQVT	7	3
>TNFAIP3-D1YMWGVQDT	2	>TNFAIP3-D1YMWGVQVT	2	0
>TNFAIP3-D1YMWGVQDT	9	>TNFAIP3-D1YMWGVQVT	8	1
>TNFAIP3-D1YMWGVQDT	216	>TNFAIP3-D1YMWGVQVT	124	92
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>TNFAIP3-D1YMWGVQDT	3	>TNFAIP3-D1YMWGVQVT	3	0
>TNFAIP3-D1YMWGVQDT	30	>TNFAIP3-D1YMWGVQVT	11	19
>TNFAIP3-D1YMWGVQDT	9	>TNFAIP3-D1YMWGVQVT	3	6
>TNFAIP3-D1YMWGVQDT	2	>TNFAIP3-D1YMWGVQVT	1	1
>TNFAIP3-D1YMWGVQDT	6	>TNFAIP3-D1YMWGVQVT	4	2
>TNFAIP3-D1YMWGVQDT	648	>TNFAIP3-D1YMWGVQVT	85	563
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>TNFAIP3-D1YMWGVQDT	2	>TNFAIP3-D1YMWGVQVT	2	0
>TNFAIP3-D1YMWGVQDT	418	>TNFAIP3-D1YMWGVQVT	303	115
>TNFAIP3-D1YMWGVQDT	2665	>TNFAIP3-D1YMWGVQVT	423	2242
>TNFAIP3-D1YMWGVQDT	285	>TNFAIP3-D1YMWGVQVT	95	190
>TNFAIP3-D1YMWGVQDT	992	>TNFAIP3-D1YMWGVQVT	412	580
>TNFAIP3-D1YMWGVQDT	349	>TNFAIP3-D1YMWGVQVT	171	178
>TNFAIP3-D1YMWGVQDT	51	>TNFAIP3-D1YMWGVQVT	30	21
>TNFAIP3-D1YMWGVQDT	447	>TNFAIP3-D1YMWGVQVT	616	169
>TNFAIP3-D1YMWGVQDT	154	>TNFAIP3-D1YMWGVQVT	34	120
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>TNFAIP3-D1QYMWGVQD	33	>TNFAIP3-D1QYMWGVQV	20	13
>TNFAIP3-D1QYMWGVQC	29783	>TNFAIP3-D1QYMWGVQV	486	29297
>TNFAIP3-D1QYMWGVQC	36823	>TNFAIP3-D1QYMWGVQV	183	36640
>TNFAIP3-D1QYMWGVQC	847	>TNFAIP3-D1QYMWGVQV	384	463
>TNFAIP3-D1QYMWGVQC	919	>TNFAIP3-D1QYMWGVQV	30	889

>TNFAIP3-D1QYMWGVQC	492	>TNFAIP3-D1QYMWGVQV	227	265
>TNFAIP3-D1QYMWGVQC	16	>TNFAIP3-D1QYMWGVQV	9	7
>TNFAIP3-D1QYMWGVQC	10822	>TNFAIP3-D1QYMWGVQV	267	10555
>TNFAIP3-D1QYMWGVQC	564	>TNFAIP3-D1QYMWGVQV	291	273
>TNFAIP3-D1QYMWGVQC	866	>TNFAIP3-D1QYMWGVQV	137	729
>TNFAIP3-D1QYMWGVQC	350	>TNFAIP3-D1QYMWGVQV	285	65
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>TNFAIP3-D1SQYMWGVQ	15981	>TNFAIP3-D1SQYMWGVQ	265	15716
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>TNFAIP3-D1SQYMWGVQ	18566	>TNFAIP3-D1SQYMWGVQ	38	18528
>TNFAIP3-D1SQYMWGVQ	573	>TNFAIP3-D1SQYMWGVQ	364	209
>TNFAIP3-D1SQYMWGVQ	8508	>TNFAIP3-D1SQYMWGVQ	17	8491
>TNFAIP3-D1SQYMWGVQ	9651	>TNFAIP3-D1SQYMWGVQ	4	9647
>TNFAIP3-D1SQYMWGVQ	19953	>TNFAIP3-D1SQYMWGVQ	99	19854
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>TNFAIP3-D1SQYMWGVQ	34808	>TNFAIP3-D1SQYMWGVQ	17	34791
>TNFAIP3-D1SQYMWGVQ	5255	>TNFAIP3-D1SQYMWGVQ	152	5103
>TNFAIP3-D1SQYMWGVQ	4194	>TNFAIP3-D1SQYMWGVQ	18	4176
>TNFAIP3-D1SQYMWGVQ	817	>TNFAIP3-D1SQYMWGVQ	332	485
>TNFAIP3-D1SQYMWGVQ	1910	>TNFAIP3-D1SQYMWGVQ	361	1549
>TNFAIP3-D1TSQYMWGVQ	10832	>TNFAIP3-D1TSQYMWGVQ	172	10660
>TNFAIP3-E7 EPAPEDPPK	163	>TNFAIP3-E7 KPAPEDPPK	1353	1190
>TNFAIP3-E7 EPAPEDPPKC	2560	>TNFAIP3-E7 KPAPEDPPKC	186	2374
>TNFAIP3-E7 QRMGPGAHI	2748	>TNFAIP3-E7 QRMGPGAHI	51	2697
>TNFAIP3-E7 RGEPAPEDPF	477	>TNFAIP3-E7 RGKPAPEDPF	8	469
>TNFAIP3-E7 RMGPGAHRG	16395	>TNFAIP3-E7 RMGPGAHRG	34	16361
>TNFAIP3-E7 RMGPGAHRG	14085	>TNFAIP3-E7 RMGPGAHRG	157	13928
>TNFAIP3-E7 RMGPGAHRG	5700	>TNFAIP3-E7 RMGPGAHRG	79	5621
>TNFAIP3-E7 ECFQFKQMY	116	>TNFAIP3-E7 DCFQFKQMY	288	172
>TNFAIP3-E7 NECFQFKQM	67	>TNFAIP3-E7 NDCFQFKQM	4110	4043
>TNFAIP3-E7 NECFQFKQ	385	>TNFAIP3-E7 NDCFQFKQ	18205	17820
>TNFAIP3-E7 NECFQFKQM	98	>TNFAIP3-E7 NDCFQFKQM	12116	12018
>TNFAIP3-E7 NECFQFKQM	366	>TNFAIP3-E7 NDCFQFKQM	13025	12659
>TNFAIP3-E7 NECFQFKQM	142	>TNFAIP3-E7 NDCFQFKQM	8902	8760
>TNFAIP3-E7 CNECFQFKQ	200	>TNFAIP3-E7 CNDCFQFKQ	155	45
>TNFAIP3-E7 YCNECFQF	242	>TNFAIP3-E7 YCNDCFQF	293	51
>TNFAIP3-E7 YCNECFQF	461	>TNFAIP3-E7 YCNDCFQF	582	121
>TNFAIP3-E7 YCNECFQFKC	317	>TNFAIP3-E7 YCNDCFQFKC	131	186
>TNFAIP3-E7 YCNECFQFK	588	>TNFAIP3-E7 YCNDCFQFK	259	329
>TNFAIP3-E7 GYCNECFQF	17	>TNFAIP3-E7 GYCNDCFQF	25	8
>TNFAIP3-E7 GYCNECFQF	165	>TNFAIP3-E7 GYCNDCFQF	293	128
>TNFAIP3-E7 GYCNECFQF	5	>TNFAIP3-E7 GYCNDCFQF	7	2
>TNFAIP3-E7 GYCNECFQF	580	>TNFAIP3-E7 GYCNDCFQF	413	167

>TNFAIP3-E7 NGYCNECFQI	293	>TNFAIP3-E7 NGYCNDCFQ	279	14
>TNFAIP3-E7 NGYCNECF	741	>TNFAIP3-E7 NGYCNDCF	246	495
>TNFAIP3-E7 NGYCNECFQI	416	>TNFAIP3-E7 NGYCNDCFQ	282	134
>TNFAIP3-E7 KCNGYCNECF	439	>TNFAIP3-E7 KCNGYCNDCF	1114	675
>TNFAIP3-E7 AKCNGYCNECF	10	>TNFAIP3-E7 AKCNGYCNDCF	15	5
>TNFAIP3-K2 KIRERTPE	156	>TNFAIP3-K2 QIRERTPE	3685	3529
>TNFAIP3-K2 KIRERTPED	119	>TNFAIP3-K2 QIRERTPED	1766	1647
>TNFAIP3-K2 KIRERTPEDI	32	>TNFAIP3-K2 QIRERTPEDI	697	665
>TNFAIP3-K2 KIRERTPEDI	206	>TNFAIP3-K2 QIRERTPEDI	2703	2497
>TNFAIP3-K2 KIRERTPEDIF	250	>TNFAIP3-K2 QIRERTPEDIF	653	403
>TNFAIP3-K2 KIRERTPEDIF	449	>TNFAIP3-K2 QIRERTPEDIF	2096	1647
>TNFAIP3-K2 VKIRERTPEDI	119	>TNFAIP3-K2 VQIRERTPED	126	7
>TNFAIP3-K2 LYLSNMRKAVI	134	>TNFAIP3-K2 LYLSNMRKAVI	9157	9023
>TNFAIP3-K2 LYLSNMRKAVI	350	>TNFAIP3-K2 LYLSNMRKAVI	7929	7579
>TNFAIP3-K2 KAVKIRER	24	>TNFAIP3-K2 KAVQIRER	48	24
>TNFAIP3-K2 KAVKIRER	307	>TNFAIP3-K2 KAVQIRER	276	31
>TNFAIP3-K2 KAVKIRER	157	>TNFAIP3-K2 KAVQIRER	118	39
>TNFAIP3-K2 RKAVKIRER	1032	>TNFAIP3-K2 RKAVQIRER	485	547
>TNFAIP3-K2 MRKAVKIREF	192	>TNFAIP3-K2 MRKAVQIREF	411	219
>TNFAIP3-K2 MRKAVKIREF	350	>TNFAIP3-K2 MRKAVQIREF	168	182
>TNFAIP3-K2 NMRKAVKI	349	>TNFAIP3-K2 NMRKAVQI	174	175
>TNFAIP3-K2 NMRKAVKIR	778	>TNFAIP3-K2 NMRKAVQIR	333	445
>TNFAIP3-K2 NMRKAVKIRI	168	>TNFAIP3-K2 NMRKAVQIR	142	26
>TNFAIP3-K2 NMRKAVKIRI	218	>TNFAIP3-K2 NMRKAVQIR	189	29
>TNFAIP3-K2 NMRKAVKIR	407	>TNFAIP3-K2 NMRKAVQIR	563	156
>TNFAIP3-K2 SNMRKAVKI	545	>TNFAIP3-K2 SNMRKAVQI	314	231
>TNFAIP3-K2 SNMRKAVKI	676	>TNFAIP3-K2 SNMRKAVQI	491	185
>TNFAIP3-K2 LSNMRKAVK	304	>TNFAIP3-K2 LSNMRKAVQ	20838	20534
>TNFAIP3-K2 LSNMRKAVK	199	>TNFAIP3-K2 LSNMRKAVQ	25010	24811
>TNFAIP3-K2 LSNMRKAVK	126	>TNFAIP3-K2 LSNMRKAVQ	8358	8232
>TNFAIP3-K2 LSNMRKAVK	72	>TNFAIP3-K2 LSNMRKAVQ	5208	5136
>TNFAIP3-K2 LSNMRKAVKI	52	>TNFAIP3-K2 LSNMRKAVQ	32	20
>TNFAIP3-K2 LSNMRKAVKI	703	>TNFAIP3-K2 LSNMRKAVQ	479	224
>TNFAIP3-K2 LSNMRKAVKI	136	>TNFAIP3-K2 LSNMRKAVQ	83	53
>TNFAIP3-K2 LSNMRKAVKI	398	>TNFAIP3-K2 LSNMRKAVQ	682	284
>TNFAIP3-K2 YLSNMRKAVI	238	>TNFAIP3-K2 YLSNMRKAVI	166	72
>TNFAIP3-K2 YLSNMRKAVI	45	>TNFAIP3-K2 YLSNMRKAVI	33	12
>TNFAIP3-K2 YLSNMRKAVI	23	>TNFAIP3-K2 YLSNMRKAVI	19	4
>TNFAIP3-K2 YLSNMRKAVI	36	>TNFAIP3-K2 YLSNMRKAVI	22	14
>TNFAIP3-K2 YLSNMRKAVI	63	>TNFAIP3-K2 YLSNMRKAVI	63	0
>TNFAIP3-K2 YLSNMRKAVI	57	>TNFAIP3-K2 YLSNMRKAVI	46	11
>TNFAIP3-K2 YLSNMRKAVI	105	>TNFAIP3-K2 YLSNMRKAVI	59	46
>TNFAIP3-K2 YLSNMRKAVI	440	>TNFAIP3-K2 YLSNMRKAVI	34	406

>TNFAIP3-K2 YLSNMRKAVI	4	>TNFAIP3-K2 YLSNMRKAVI	4	0
>TNFAIP3-K2 YLSNMRKAVI	70	>TNFAIP3-K2 YLSNMRKAVI	22633	22563
>TNFAIP3-K2 YLSNMRKAVI	286	>TNFAIP3-K2 YLSNMRKAVI	34405	34119
>TNFAIP3-K2 YLSNMRKAVI	243	>TNFAIP3-K2 YLSNMRKAVI	28391	28148
>TNFAIP3-K2 YLSNMRKAVI	691	>TNFAIP3-K2 YLSNMRKAVI	474	217
>TNFAIP3-L3 LLKEYLMV	41	>TNFAIP3-L3 PLKEYLMV	1754	1713
>TNFAIP3-L3 LLKEYLMVI	46	>TNFAIP3-L3 PLKEYLMVI	4570	4524
>TNFAIP3-L3 LLKEYLMVIEI	43	>TNFAIP3-L3 PLKEYLMVIEI	2272	2229
>TNFAIP3-L3 LLKEYLMV	26	>TNFAIP3-L3 PLKEYLMV	766	740
>TNFAIP3-L3 LLKEYLMVI	57	>TNFAIP3-L3 PLKEYLMVI	1435	1378
>TNFAIP3-L3 LLKEYLMVIEI	42	>TNFAIP3-L3 PLKEYLMVIEI	987	945
>TNFAIP3-L3 LLKEYLMV	4	>TNFAIP3-L3 PLKEYLMV	83	79
>TNFAIP3-L3 LLKEYLMVI	4	>TNFAIP3-L3 PLKEYLMVI	78	74
>TNFAIP3-L3 LLKEYLMVIEI	7	>TNFAIP3-L3 PLKEYLMVIEI	171	164
>TNFAIP3-L3 LLKEYLMV	52	>TNFAIP3-L3 PLKEYLMV	3534	3482
>TNFAIP3-L3 LLKEYLMVI	105	>TNFAIP3-L3 PLKEYLMVI	7728	7623
>TNFAIP3-L3 LLKEYLMVIEI	192	>TNFAIP3-L3 PLKEYLMVIEI	6903	6711
>TNFAIP3-L3 LLKEYLMV	5	>TNFAIP3-L3 PLKEYLMV	49	44
>TNFAIP3-L3 LLKEYLMVI	13	>TNFAIP3-L3 PLKEYLMVI	361	348
>TNFAIP3-L3 LLKEYLMVIEI	15	>TNFAIP3-L3 PLKEYLMVIEI	274	259
>TNFAIP3-L3 LLKEYLMV	22	>TNFAIP3-L3 PLKEYLMV	849	827
>TNFAIP3-L3 LLKEYLMVI	15	>TNFAIP3-L3 PLKEYLMVI	1043	1028
>TNFAIP3-L3 LLKEYLMVIEI	32	>TNFAIP3-L3 PLKEYLMVIEI	1520	1488
>TNFAIP3-L3 LLKEYLMV	30	>TNFAIP3-L3 PLKEYLMV	348	318
>TNFAIP3-L3 LLKEYLMVIEI	370	>TNFAIP3-L3 PLKEYLMVIEI	4229	3859
>TNFAIP3-L3 LLKEYLMV	88	>TNFAIP3-L3 PLKEYLMV	1420	1332
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>TNFAIP3-L3 LLKEYLMVI	4	>TNFAIP3-L3 PLKEYLMVI	132	128
>TNFAIP3-L3 LLKEYLMVIEI	4	>TNFAIP3-L3 PLKEYLMVIEI	103	99
>TNFAIP3-L3 LLKEYLMVI	128	>TNFAIP3-L3 PLKEYLMVI	1305	1177
>TNFAIP3-L3 LLKEYLMVI	321	>TNFAIP3-L3 PLKEYLMVI	11141	10820
>TNFAIP3-L3 LLKEYLMVI	311	>TNFAIP3-L3 PLKEYLMVI	3486	3175
>TNFAIP3-L3 KLLKEYLM	59	>TNFAIP3-L3 KPLKEYLM	22408	22349
>TNFAIP3-L3 KLLKEYLMV	14	>TNFAIP3-L3 KPLKEYLMV	19105	19091
>TNFAIP3-L3 KLLKEYLMVI	32	>TNFAIP3-L3 KPLKEYLMVI	9623	9591
>TNFAIP3-L3 KLLKEYLM	281	>TNFAIP3-L3 KPLKEYLM	31338	31057
>TNFAIP3-L3 KLLKEYLMV	73	>TNFAIP3-L3 KPLKEYLMV	29571	29498
>TNFAIP3-L3 KLLKEYLMVI	42	>TNFAIP3-L3 KPLKEYLMVI	9950	9908
>TNFAIP3-L3 KLLKEYLMV	72	>TNFAIP3-L3 KPLKEYLMV	18173	18101
>TNFAIP3-L3 KLLKEYLMVI	40	>TNFAIP3-L3 KPLKEYLMVI	11732	11692
>TNFAIP3-L3 KLLKEYLMV	14	>TNFAIP3-L3 KPLKEYLMV	8408	8394
>TNFAIP3-L3 KLLKEYLMVI	90	>TNFAIP3-L3 KPLKEYLMVI	4811	4721
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>TNFAIP3-L3 KLLKEYLMV	3	>TNFAIP3-L3 KPLKEYLMV	8463	8460
>TNFAIP3-L3 KLLKEYLMVI	9	>TNFAIP3-L3 KPLKEYLMVI	14358	14349
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>TNFAIP3-L3 KLLKEYLMV	11	>TNFAIP3-L3 KPLKEYLMV	20219	20208
>TNFAIP3-L3 KLLKEYLMVI	15	>TNFAIP3-L3 KPLKEYLMVI	17956	17941
>TNFAIP3-L3 KLLKEYLM	96	>TNFAIP3-L3 KPLKEYLM	25223	25127
>TNFAIP3-L3 KLLKEYLMV	5	>TNFAIP3-L3 KPLKEYLMV	7623	7618
>TNFAIP3-L3 KLLKEYLMVI	19	>TNFAIP3-L3 KPLKEYLMVI	19342	19323
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>TNFAIP3-L3 KLLKEYLMVI	177	>TNFAIP3-L3 KPLKEYLMVI	19720	19543
>TNFAIP3-L3 KLLKEYLM	381	>TNFAIP3-L3 KPLKEYLM	37307	36926
>TNFAIP3-L3 KLLKEYLMV	6	>TNFAIP3-L3 KPLKEYLMV	23287	23281
>TNFAIP3-L3 KLLKEYLMVI	44	>TNFAIP3-L3 KPLKEYLMVI	32858	32814
>TNFAIP3-L3 KLLKEYLMVI	387	>TNFAIP3-L3 KPLKEYLMVI	14246	13859
>TNFAIP3-L3 KLLKEYLMVI	113	>TNFAIP3-L3 KPLKEYLMVI	10162	10049
>TNFAIP3-L3 KLLKEYLMVI	28186	>TNFAIP3-L3 KPLKEYLMVI	306	27880
>TNFAIP3-L3 KLLKEYLMVI	232	>TNFAIP3-L3 KPLKEYLMVI	1531	1299
>TNFAIP3-L3 KLLKEYLM	30169	>TNFAIP3-L3 KPLKEYLM	285	29884
>TNFAIP3-L3 KEKLLKEYL	117	>TNFAIP3-L3 KEKPLKEYL	222	105
>TNFAIP3-L3 KEKLLKEYLM	291	>TNFAIP3-L3 KEKPLKEYLM	566	275
>TNFAIP3-L3 KEKLLKEYLM'	153	>TNFAIP3-L3 KEKPLKEYLM	312	159
>TNFAIP3-L3 KEKLLKEY	1422	>TNFAIP3-L3 KEKPLKEY	420	1002
>TNFAIP3-L3 KEKLLKEY	374	>TNFAIP3-L3 KEKPLKEY	684	310
>TNFAIP3-L3 KEKLLKEYL	113	>TNFAIP3-L3 KEKPLKEYL	106	7
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>TNFAIP3-L3 KEKLLKEYLM	186	>TNFAIP3-L3 KEKPLKEYLM	323	137
>TNFAIP3-L3 KEKLLKEYLM'	76	>TNFAIP3-L3 KEKPLKEYLM	131	55
>TNFAIP3-L3 KEKLLKEY	319	>TNFAIP3-L3 KEKPLKEY	492	173
>TNFAIP3-L3 KEKLLKEYLM	397	>TNFAIP3-L3 KEKPLKEYLM	576	179
>TNFAIP3-L3 KEKLLKEYLM'	408	>TNFAIP3-L3 KEKPLKEYLM	441	33
>TNFAIP3-L3 KEKLLKEYL	83	>TNFAIP3-L3 KEKPLKEYL	420	337
>TNFAIP3-L3 KEKLLKEYLM	227	>TNFAIP3-L3 KEKPLKEYLM	329	102
>TNFAIP3-L3 KEKLLKEYLM'	33	>TNFAIP3-L3 KEKPLKEYLM	88	55
>TNFAIP3-L3 MKEKLLKEY	114	>TNFAIP3-L3 MKEKPLKEY	55	59
>TNFAIP3-L3 EMKEKLLKEY	258	>TNFAIP3-L3 EMKEKPLKEY	192	66
>TNFAIP3-L3 EMKEKLLKEY	193	>TNFAIP3-L3 EMKEKPLKEY	229	36
>TNFAIP3-L3 EMKEKLLKEY	164	>TNFAIP3-L3 EMKEKPLKEY	1044	880
>TNFAIP3-L3 EMKEKLLKEY	93	>TNFAIP3-L3 EMKEKPLKEY	276	183
>TNFAIP3-L3 EMKEKLLK	463	>TNFAIP3-L3 EMKEKPLK	455	8
>TNFAIP3-L3 EMKEKLLKEY	233	>TNFAIP3-L3 EMKEKPLKEY	322	89
>TNFAIP3-L3 EMKEKLLKEY	274	>TNFAIP3-L3 EMKEKPLKEY	503	229
>TNFAIP3-L3 EMKEKLLKEY	785	>TNFAIP3-L3 EMKEKPLKEY	392	393
>TNFAIP3-L3 EMKEKLLKEY	621	>TNFAIP3-L3 EMKEKPLKEY	306	315

>TNFAIP3-L3 NEMKEKLL	20	>TNFAIP3-L3 NEMKEKPL	163	143
>TNFAIP3-L3 NEMKEKLLKE	152	>TNFAIP3-L3 NEMKEKPLKE	476	324
>TNFAIP3-L3 NEMKEKLL	710	>TNFAIP3-L3 NEMKEKPL	134	576
>TNFAIP3-L3 NEMKEKLLKE	15	>TNFAIP3-L3 NEMKEKPLKE	23	8
>TNFAIP3-L3 NEMKEKLL	1351	>TNFAIP3-L3 NEMKEKPL	380	971
>TNFAIP3-L3 NEMKEKLLKE	120	>TNFAIP3-L3 NEMKEKPLKE	108	12
>TNFAIP3-L3 NEMKEKLL	441	>TNFAIP3-L3 NEMKEKPL	920	479
>TNFAIP3-L3 NEMKEKLLKE	57	>TNFAIP3-L3 NEMKEKPLKE	96	39
>TNFAIP3-L3 PENEMKEKLL	261	>TNFAIP3-L3 PENEMKEKPI	745	484
>TNFAIP3-L4 KLNSKPGPEG	266	>TNFAIP3-L4 KVNSKPGPEC	4949	4683
>TNFAIP3-L4 KLNSKPGPEG	23	>TNFAIP3-L4 KVNSKPGPEC	943	920
>TNFAIP3-L4 KLNSKPGPEG	11	>TNFAIP3-L4 KVNSKPGPEC	259	248
>TNFAIP3-L4 KLNSKPGPEG	9	>TNFAIP3-L4 KVNSKPGPEC	627	618
>TNFAIP3-L4 KLNSKPGPEG	39	>TNFAIP3-L4 KVNSKPGPEC	5361	5322
>TNFAIP3-L4 KLNSKPGPEG	69	>TNFAIP3-L4 KVNSKPGPEC	4518	4449
>TNFAIP3-L4 KLNSKPGPEG	88	>TNFAIP3-L4 KVNSKPGPEC	4504	4416
>TNFAIP3-L4 KLNSKPGPEG	34	>TNFAIP3-L4 KVNSKPGPEC	3682	3648
>TNFAIP3-L4 KLNSKPGPEG	284	>TNFAIP3-L4 KVNSKPGPEC	268	16
>TNFAIP3-L4 RQKNQNKLP	2345	>TNFAIP3-L4 RQKNQNKLP	258	2087
>TNFAIP3-L4 RQKNQNKLP	1595	>TNFAIP3-L4 RQKNQNKLP	336	1259
>TNFAIP3-L4 RQKNQNKLP	106	>TNFAIP3-L4 RQKNQNKLP	63	43
>TNFAIP3-L4 RQKNQNKLP	53	>TNFAIP3-L4 RQKNQNKLP	132	79
>TNFAIP3-L4 RQKNQNKLP	280	>TNFAIP3-L4 RQKNQNKLP	5420	5140
>TNFAIP3-L4 RQKNQNKLP	397	>TNFAIP3-L4 RQKNQNKLP	2926	2529
>TNFAIP3-L4 LPKLNSKPG	245	>TNFAIP3-L4 LPKVNSKPG	308	63
>TNFAIP3-L4 KLPKLNSK	101	>TNFAIP3-L4 KLPKVNSK	73	28
>TNFAIP3-L4 NQNKLPKL	3520	>TNFAIP3-L4 NQNKLPKV	384	3136
>TNFAIP3-L4 NQNKLPKL	1882	>TNFAIP3-L4 NQNKLPKV	420	1462
>TNFAIP3-M MKCRSPGCPI	3	>TNFAIP3-M IKCRSPGCPF	4	1
>TNFAIP3-M AMKCRSPG	289	>TNFAIP3-M AIKCRSPG	198	91
>TNFAIP3-M AMKCRSPGC	706	>TNFAIP3-M AIKCRSPGCPI	491	215
>TNFAIP3-M AMKCRSPG	391	>TNFAIP3-M AIKCRSPG	886	495
>TNFAIP3-M AMKCRSPGC	194	>TNFAIP3-M AIKCRSPGCPI	325	131
>TNFAIP3-M AMKCRSPG	254	>TNFAIP3-M AIKCRSPG	2075	1821
>TNFAIP3-M AMKCRSPGC	19	>TNFAIP3-M AIKCRSPGCPI	29	10
>TNFAIP3-M AMKCRSPGC	100	>TNFAIP3-M AIKCRSPGCPI	735	635
>TNFAIP3-M AMKCRSPGC	5	>TNFAIP3-M AIKCRSPGCPI	44	39
>TNFAIP3-M AMKCRSPGC	183	>TNFAIP3-M AIKCRSPGCPI	400	217
>TNFAIP3-M SPFLFSETTAN	214	>TNFAIP3-M SPFLFSETTAI	1173	959
>TNFAIP3-M SPFLFSETTAN	39	>TNFAIP3-M SPFLFSETTAI	171	132
>TNFAIP3-M SPFLFSETTAN	11	>TNFAIP3-M SPFLFSETTAI	161	150
>TNFAIP3-M SPFLFSETTAN	196	>TNFAIP3-M SPFLFSETTAI	574	378
>TNFAIP3-M SPFLFSETTAN	261	>TNFAIP3-M SPFLFSETTAI	3137	2876

>TNFAIP3-M·SPFLFSETTAN	140	>TNFAIP3-M·SPFLFSETTAI	479	339
>TNFAIP3-M·SPFLFSETTAN	4067	>TNFAIP3-M·SPFLFSETTAI	165	3902
>TNFAIP3-M·ETTAMKCR	90	>TNFAIP3-M·ETTAIKCR	61	29
>TNFAIP3-M·ETTAMKCR	4	>TNFAIP3-M·ETTAIKCR	3	1
>TNFAIP3-M·ETTAMKCRS	1199	>TNFAIP3-M·ETTAIKCRS	100	1099
>TNFAIP3-M·ETTAMKCRSF	723	>TNFAIP3-M·ETTAIKCRSPC	208	515
>TNFAIP3-M·FSETTAMK	69	>TNFAIP3-M·FSETTAIK	173	104
>TNFAIP3-M·LFSETTAM	1169	>TNFAIP3-M·LFSETTAI	265	904
>TNFAIP3-M·LFSETTAM	3741	>TNFAIP3-M·LFSETTAI	302	3439
>TNFAIP3-M·LFSETTAMK	406	>TNFAIP3-M·LFSETTAIK	297	109
>TNFAIP3-M·LFSETTAMKC	144	>TNFAIP3-M·LFSETTAIKCR	172	28
>TNFAIP3-M·LFSETTAMKC	400	>TNFAIP3-M·LFSETTAIKCR	460	60
>TNFAIP3-M·LFSETTAMK	231	>TNFAIP3-M·LFSETTAIK	569	338
>TNFAIP3-M·LFSETTAMKC	487	>TNFAIP3-M·LFSETTAIKCR	492	5
>TNFAIP3-M·LFSETTAM	100	>TNFAIP3-M·LFSETTAI	5229	5129
>TNFAIP3-M·LFSETTAMKC	463	>TNFAIP3-M·LFSETTAIKCR	362	101
>TNFAIP3-M·FLFSETTAM	13	>TNFAIP3-M·FLFSETTAI	9	4
>TNFAIP3-M·FLFSETTAMK	556	>TNFAIP3-M·FLFSETTAIKC	471	85
>TNFAIP3-M·FLFSETTAM	2	>TNFAIP3-M·FLFSETTAI	2	0
>TNFAIP3-M·FLFSETTAMK	174	>TNFAIP3-M·FLFSETTAIK	293	119
>TNFAIP3-M·FLFSETTAMK	109	>TNFAIP3-M·FLFSETTAIKC	121	12
>TNFAIP3-M·FLFSETTAM	5	>TNFAIP3-M·FLFSETTAI	2	3
>TNFAIP3-M·FLFSETTAMK	482	>TNFAIP3-M·FLFSETTAIK	545	63
>TNFAIP3-M·FLFSETTAMK	78	>TNFAIP3-M·FLFSETTAIKC	192	114
>TNFAIP3-M·FLFSETTAM	24	>TNFAIP3-M·FLFSETTAI	8	16
>TNFAIP3-M·FLFSETTAMK	352	>TNFAIP3-M·FLFSETTAIKC	329	23
>TNFAIP3-M·FLFSETTAM	6	>TNFAIP3-M·FLFSETTAI	2	4
>TNFAIP3-M·FLFSETTAMK	97	>TNFAIP3-M·FLFSETTAIK	529	432
>TNFAIP3-M·FLFSETTAMK	10	>TNFAIP3-M·FLFSETTAIKC	8	2
>TNFAIP3-M·FLFSETTAM	15	>TNFAIP3-M·FLFSETTAI	4	11
>TNFAIP3-M·FLFSETTAMK	67	>TNFAIP3-M·FLFSETTAIKC	68	1
>TNFAIP3-M·FLFSETTAM	26	>TNFAIP3-M·FLFSETTAI	7	19
>TNFAIP3-M·FLFSETTAMK	74	>TNFAIP3-M·FLFSETTAIKC	67	7
>TNFAIP3-M·FLFSETTAM	45	>TNFAIP3-M·FLFSETTAI	13	32
>TNFAIP3-M·FLFSETTAMK	328	>TNFAIP3-M·FLFSETTAIKC	344	16
>TNFAIP3-M·FLFSETTAM	5	>TNFAIP3-M·FLFSETTAI	3	2
>TNFAIP3-M·FLFSETTAMK	33	>TNFAIP3-M·FLFSETTAIK	58	25
>TNFAIP3-M·FLFSETTAMK	5	>TNFAIP3-M·FLFSETTAIKC	6	1
>TNFAIP3-M·FLFSETTAMK	29	>TNFAIP3-M·FLFSETTAIK	52	23
>TNFAIP3-M·FLFSETTAMK	108	>TNFAIP3-M·FLFSETTAIK	194	86
>TNFAIP3-M·FLFSETTAM	631	>TNFAIP3-M·FLFSETTAI	38	593
>TNFAIP3-M·FLFSETTAMK	24	>TNFAIP3-M·FLFSETTAIK	61	37
>TNFAIP3-M·FLFSETTAM	768	>TNFAIP3-M·FLFSETTAI	258	510

>TNFAIP3-M·FLFSETTAM	33	>TNFAIP3-M·FLFSETTAM	243	210
>TNFAIP3-M·FLFSETTAM	49	>TNFAIP3-M·FLFSETTAM	458	409
>TNFAIP3-M·FLFSETTAM	5	>TNFAIP3-M·FLFSETTAM	12	7
>TNFAIP3-M·FLFSETTAMK	281	>TNFAIP3-M·FLFSETTAMK	186	95
>TNFAIP3-M·FLFSETTAM	33	>TNFAIP3-M·FLFSETTAM	1312	1279
>TNFAIP3-M·FLFSETTAM	145	>TNFAIP3-M·FLFSETTAM	467	322
>TNFAIP3-M·FLFSETTAM	177	>TNFAIP3-M·FLFSETTAM	1191	1014
>TNFAIP3-M·FLFSETTAM	310	>TNFAIP3-M·FLFSETTAM	2853	2543
>TNFAIP3-M·FLFSETTAM	6690	>TNFAIP3-M·FLFSETTAM	267	6423
>TNFAIP3-N1NCLMHATSQ	301	>TNFAIP3-N1SCLMHATSQ`	136	165
>TNFAIP3-N1NCLMHATSQ	2323	>TNFAIP3-N1SCLMHATSQ`	247	2076
>TNFAIP3-N1GNCLMHATS	406	>TNFAIP3-N1GSCLMHATSQ`	173	233
>TNFAIP3-N1GNCLMHATS	2953	>TNFAIP3-N1GSCLMHATSQ`	317	2636
>TNFAIP3-N1GNCLMHATS	2469	>TNFAIP3-N1GSCLMHATSQ`	351	2118
>TNFAIP3-N1GNCLMHATS	7946	>TNFAIP3-N1GSCLMHATSQ`	10	7936
>TNFAIP3-N1GNCLMHATS	138	>TNFAIP3-N1GSCLMHATSQ`	11	127
>TNFAIP3-N1KTNGDGNCL	579	>TNFAIP3-N1KTNGDGSLM`	445	134
>TNFAIP3-N1KTNGDGNCL	1113	>TNFAIP3-N1KTNGDGSLM`	72	1041
>TNFAIP3-N1KTNGDGNCL	36	>TNFAIP3-N1KTNGDGSLM`	12	24
>TNFAIP3-N1KTNGDGNCL	1460	>TNFAIP3-N1KTNGDGSLM`	478	982
>TNFAIP3-N1KTNGDGNCL	130	>TNFAIP3-N1KTNGDGSLM`	92	38
>TNFAIP3-N1KTNGDGNCL	946	>TNFAIP3-N1KTNGDGSLM`	85	861
>TNFAIP3-N1KTNGDGNCL	81	>TNFAIP3-N1KTNGDGSLM`	47	34
>TNFAIP3-N1KTNGDGNCL	339	>TNFAIP3-N1KTNGDGSLM`	103	236
>TNFAIP3-N1LKTNGDGNCI	412	>TNFAIP3-N1LKTNGDGSLM`	225	187
>TNFAIP3-N1LKTNGDGNCI	464	>TNFAIP3-N1LKTNGDGSLM`	328	136
>TNFAIP3-N1ALKTNGDGN	225	>TNFAIP3-N1ALKTNGDGSLM`	326	101
>TNFAIP3-N1ALKTNGDGN	746	>TNFAIP3-N1ALKTNGDGSLM`	350	396
>TNFAIP3-N1ALKTNGDGN	84	>TNFAIP3-N1ALKTNGDGSLM`	49	35
>TNFAIP3-N7GNAKCNGY	220	>TNFAIP3-N7GKAKCNGY`	225	5
>TNFAIP3-N7GNAKCNGY	7216	>TNFAIP3-N7GKAKCNGY`	177	7039
>TNFAIP3-N7FGNAKCNGY	354	>TNFAIP3-N7FGKAKCNGY`	637	283
>TNFAIP3-N7HFGNAKCNG	174	>TNFAIP3-N7HFGKAKCNGY`	173	1
>TNFAIP3-N7DHFGNAKCN	705	>TNFAIP3-N7DHFGKAKCNGY`	412	293
>TNFAIP3-N7APACDHFGN	190	>TNFAIP3-N7APACDHFGK`	145	45
>TNFAIP3-N7APACDHFGN	10201	>TNFAIP3-N7APACDHFGK`	484	9717
>TNFAIP3-N7RAPACDHFGI	32823	>TNFAIP3-N7RAPACDHFGI`	193	32630
>TNFAIP3-N7RAPACDHFGI	32919	>TNFAIP3-N7RAPACDHFGI`	246	32673
>TNFAIP3-N7RAPACDHFGI	14495	>TNFAIP3-N7RAPACDHFGI`	451	14044
>TNFAIP3-N7NGYCNECFQI	1633	>TNFAIP3-N7SGYCNECFQF`	69	1564
>TNFAIP3-N7NGYCNECFQI	6841	>TNFAIP3-N7SGYCNECFQF`	427	6414
>TNFAIP3-N7NGYCNECFQI	293	>TNFAIP3-N7SGYCNECFQF`	745	452
>TNFAIP3-N7NGYCNECF	675	>TNFAIP3-N7SGYCNECF`	170	505



>TNFAIP3-N7NGYCNECFQI	1182	>TNFAIP3-N7SGYCNECFQF	369	813
>TNFAIP3-N7NGYCNECFQI	3289	>TNFAIP3-N7SGYCNECFQF	350	2939
>TNFAIP3-N7NGYCNECFQI	416	>TNFAIP3-N7SGYCNECFQF	304	112
>TNFAIP3-N7CNGYCNECF	1358	>TNFAIP3-N7CSGYCNECF	444	914
>TNFAIP3-N7CNGYCNECF	1045	>TNFAIP3-N7CSGYCNECF	468	577
>TNFAIP3-N7CNGYCNECF	16164	>TNFAIP3-N7CSGYCNECF	445	15719
>TNFAIP3-N7KNGYCNECF	439	>TNFAIP3-N7KCSGYCNECF	452	13
>TNFAIP3-N7AKCNGYCNECF	10	>TNFAIP3-N7AKCSGYCNECF	7	3
>TNFAIP3-N7GNAKCSGY	220	>TNFAIP3-N7GNAKCSGY	246	26
>TNFAIP3-N7FGNAKCSGY	354	>TNFAIP3-N7FGNAKCSGY	332	22
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>TNFAIP3-N7FGNAKCSGY	1397	>TNFAIP3-N7FGNAKCSGY	439	958
>TNFAIP3-N7FGNAKCSGY	3111	>TNFAIP3-N7FGNAKCSGY	365	2746
>TNFAIP3-N7HFGNAKCSGY	774	>TNFAIP3-N7HFGNAKCSGY	443	331
>TNFAIP3-N7HFGNAKCSGY	174	>TNFAIP3-N7HFGNAKCSGY	111	63
>TNFAIP3-N7HFGNAKCSGY	842	>TNFAIP3-N7HFGNAKCSGY	409	433
>TNFAIP3-P2PLHWPAQEC	355	>TNFAIP3-P2TLHWPAQEC	68	287
>TNFAIP3-P2PLHWPAQEC	286	>TNFAIP3-P2TLHWPAQEC	35	251
>TNFAIP3-P2PLHWPAQEC	1110	>TNFAIP3-P2TLHWPAQEC	386	724
>TNFAIP3-P2PLHWPAQEC	1483	>TNFAIP3-P2TLHWPAQEC	57	1426
>TNFAIP3-P2PLHWPAQEC	2714	>TNFAIP3-P2TLHWPAQEC	295	2419
>TNFAIP3-P2PLHWPAQEC	2277	>TNFAIP3-P2TLHWPAQEC	38	2239
>TNFAIP3-P2PLHWPAQEC	1641	>TNFAIP3-P2TLHWPAQEC	250	1391
>TNFAIP3-P2PLHWPAQEC	74	>TNFAIP3-P2TLHWPAQEC	45	29
>TNFAIP3-P2LPLHWPAQEC	13802	>TNFAIP3-P2LTLHWPAQEC	398	13404
>TNFAIP3-P2LPLHWPAQEC	9427	>TNFAIP3-P2LTLHWPAQEC	114	9313
>TNFAIP3-P2LPLHWPAQEC	441	>TNFAIP3-P2LTLHWPAQEC	20	421
>TNFAIP3-P2LPLHWPAQEC	3155	>TNFAIP3-P2LTLHWPAQEC	133	3022
>TNFAIP3-P2LPLHWPAQEC	4951	>TNFAIP3-P2LTLHWPAQEC	297	4654
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>TNFAIP3-P2LPLHWPAQEC	754	>TNFAIP3-P2LTLHWPAQEC	261	493
>TNFAIP3-P2LPLHWPAQEC	13332	>TNFAIP3-P2LTLHWPAQEC	14	13318
>TNFAIP3-P2LPLHWPAQ	108	>TNFAIP3-P2LTLHWPAQ	10595	10487
>TNFAIP3-P2LPLHWPAQEC	16	>TNFAIP3-P2LTLHWPAQEC	1064	1048
>TNFAIP3-P2LPLHWPAQEC	27	>TNFAIP3-P2LTLHWPAQEC	7640	7613
>TNFAIP3-P2LPLHWPAQ	78	>TNFAIP3-P2LTLHWPAQ	21356	21278
>TNFAIP3-P2LPLHWPAQEC	325	>TNFAIP3-P2LTLHWPAQEC	26738	26413
>TNFAIP3-P2LPLHWPAQEC	318	>TNFAIP3-P2LTLHWPAQEC	23169	22851
>TNFAIP3-P2LPLHWPAQEC	18623	>TNFAIP3-P2LTLHWPAQEC	102	18521
>TNFAIP3-P2LPLHWPAQEC	2653	>TNFAIP3-P2LTLHWPAQEC	37	2616
>TNFAIP3-P2LPLHWPAQEC	44	>TNFAIP3-P2LTLHWPAQEC	8522	8478
>TNFAIP3-P2YLPLHWPA	25	>TNFAIP3-P2YLTLHWPA	20	5
>TNFAIP3-P2YLPLHWPA	31	>TNFAIP3-P2YLTLHWPA	19	12

>TNFAIP3-P2 YLPLHWPA	11	>TNFAIP3-P2 YLTLHWPA	13	2
>TNFAIP3-P2 YLPLHWPA	13	>TNFAIP3-P2 YLTLHWPA	15	2
>TNFAIP3-P2 YLPLHWPAQ	421	>TNFAIP3-P2 YLTLHWPAQ	635	214
>TNFAIP3-P2 YLPLHWPA	8	>TNFAIP3-P2 YLTLHWPA	12	4
>TNFAIP3-P2 YLPLHWPAQ	36	>TNFAIP3-P2 YLTLHWPAQ	66	30
>TNFAIP3-P2 YLPLHWPA	52	>TNFAIP3-P2 YLTLHWPA	33	19
>TNFAIP3-P2 YLPLHWPA	17	>TNFAIP3-P2 YLTLHWPA	14	3
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>TNFAIP3-P2 YLPLHWPAQ	125	>TNFAIP3-P2 YLTLHWPAQ	76	49
>TNFAIP3-P2 YLPLHWPAQ	17	>TNFAIP3-P2 YLTLHWPAQ	10	7
>TNFAIP3-P2 IYPLHWPA	265	>TNFAIP3-P2 IYTLHWPA	985	720
>TNFAIP3-P2 IYPLHWPA	374	>TNFAIP3-P2 IYTLHWPA	479	105
>TNFAIP3-P2 IYPLHWPA	192	>TNFAIP3-P2 IYTLHWPA	691	499
>TNFAIP3-P2 IYPLHWPA	390	>TNFAIP3-P2 IYTLHWPA	649	259
>TNFAIP3-P2 IYPLHWPA	372	>TNFAIP3-P2 IYTLHWPA	267	105
>TNFAIP3-P2 IYPLHWPAQ	622	>TNFAIP3-P2 IYTLHWPAQ	446	176
>TNFAIP3-P2 IYPLHWPA	56	>TNFAIP3-P2 IYTLHWPA	123	67
>TNFAIP3-P2 GIYPLHWPA	356	>TNFAIP3-P2 GIYTLHWPA	154	202
>TNFAIP3-P2 GIYPLHWPA	192	>TNFAIP3-P2 GIYTLHWPA	126	66
>TNFAIP3-P2 GIYPLHWPA	419	>TNFAIP3-P2 GIYTLHWPA	344	75
>TNFAIP3-P2 GIYPLHWPA	104	>TNFAIP3-P2 GIYTLHWPA	79	25
>TNFAIP3-P2 GIYPLHWPA	37	>TNFAIP3-P2 GIYTLHWPA	55	18
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>TNFAIP3-P2 GIYPLHWPA	112	>TNFAIP3-P2 GIYTLHWPA	111	1
>TNFAIP3-P2 GIYPLHW	56	>TNFAIP3-P2 GIYTLHW	45	11
>TNFAIP3-P2 GIYPLHW	92	>TNFAIP3-P2 GIYTLHW	45	47
>TNFAIP3-P2 GGIYPLHW	46	>TNFAIP3-P2 GGIYTLHW	40	6
>TNFAIP3-P2 VGGIYLPL	55	>TNFAIP3-P2 VGGIYLTL	175	120
>TNFAIP3-P2 VGGIYLPLHW	80	>TNFAIP3-P2 VGGIYLTLHW	85	5
>TNFAIP3-P2 KVGGIYLPL	432	>TNFAIP3-P2 KVGGIYLTL	906	474
>TNFAIP3-P2 KVGGIYLPL	158	>TNFAIP3-P2 KVGGIYLTL	395	237
>TNFAIP3-P2 KVGGIYLPL	248	>TNFAIP3-P2 KVGGIYLTL	624	376
>TNFAIP3-P2 KVGGIYLPL	612	>TNFAIP3-P2 KVGGIYLTL	374	238
>TNFAIP3-P2 KVGGIYLPL	562	>TNFAIP3-P2 KVGGIYLTL	201	361
>TNFAIP3-P2 KVGGIYLPL	312	>TNFAIP3-P2 KVGGIYLTL	875	563
>TNFAIP3-P2 KVGGIYLPL	28	>TNFAIP3-P2 KVGGIYLTL	13	15
>TNFAIP3-P2 KVGGIYLPLH\	72	>TNFAIP3-P2 KVGGIYLTLH\	44	28
>TNFAIP3-P2 KVGGIYLPLH\	112	>TNFAIP3-P2 KVGGIYLTLH\	119	7
>TNFAIP3-P2 KVGGIYLPLH\	14	>TNFAIP3-P2 KVGGIYLTLH\	13	1
>TNFAIP3-P2 LKVGGIYLPL	86	>TNFAIP3-P2 LKVGGIYLTL	133	47
>TNFAIP3-P2 LKVGGIYLPL	81	>TNFAIP3-P2 LKVGGIYLTL	133	52

>TNFAIP3-P2 LKVGGIYLPL	287	>TNFAIP3-P2 LKVGGIYLT	643	356
>TNFAIP3-P2 PLKVGGIYLPL	454	>TNFAIP3-P2 PLKVGGIYLT	192	262
>TNFAIP3-P4 PGMALGASR	4849	>TNFAIP3-P4 LGMALGASR	251	4598
>TNFAIP3-P4 LPGMALGA	19370	>TNFAIP3-P4 LLGMALGA	152	19218
>TNFAIP3-P4 LPGMALGA	27757	>TNFAIP3-P4 LLGMALGA	130	27627
>TNFAIP3-P4 LPGMALGA	25204	>TNFAIP3-P4 LLGMALGA	179	25025
>TNFAIP3-P4 LPGMALGA	34430	>TNFAIP3-P4 LLGMALGA	12	34418
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>TNFAIP3-P4 LPGMALGA	287	>TNFAIP3-P4 LLGMALGA	29013	28726
>TNFAIP3-P4 LPGMALGAS	424	>TNFAIP3-P4 LLGMALGAS	29639	29215
>TNFAIP3-P4 GLPGMALGA	2522	>TNFAIP3-P4 GLLGMALGA	254	2268
>TNFAIP3-P4 GLPGMALGA	119	>TNFAIP3-P4 GLLGMALGA	243	124
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>TNFAIP3-P4 GLPGMALGA	271	>TNFAIP3-P4 GLLGMALGA	29	242
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>TNFAIP3-P4 GLPGMALGA	12	>TNFAIP3-P4 GLLGMALGA	7	5
>TNFAIP3-P4 GLPGMALGA	4198	>TNFAIP3-P4 GLLGMALGA	480	3718
>TNFAIP3-P4 GPEGLPGMA	214	>TNFAIP3-P4 GPEGLLGMA	233	19
>TNFAIP3-P4 KPGPEGLP	23877	>TNFAIP3-P4 KPGPEGLL	255	23622
>TNFAIP3-P5 PSPHSCHR	6816	>TNFAIP3-P5 LSPHSCHR	415	6401
>TNFAIP3-P5 PSPHSCHR	6863	>TNFAIP3-P5 LSPHSCHR	419	6444
>TNFAIP3-P5 PSPHSCHR	4171	>TNFAIP3-P5 LSPHSCHR	295	3876
>TNFAIP3-P5 PSPHSCHRA	5546	>TNFAIP3-P5 LSPHSCHRA	266	5280
>TNFAIP3-P5 SPSPHSCHRA	25364	>TNFAIP3-P5 SLSPHSCHRA	298	25066
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>TNFAIP3-P5 SPSPHSCHRA	25126	>TNFAIP3-P5 SLSPHSCHRA	87	25039
>TNFAIP3-P5 SPSPHSCHRA	25456	>TNFAIP3-P5 SLSPHSCHRA	383	25073
>TNFAIP3-P5 SPSPHSCHRA	23416	>TNFAIP3-P5 SLSPHSCHRA	73	23343
>TNFAIP3-P5 SPSPHSCHRA	24756	>TNFAIP3-P5 SLSPHSCHRA	4	24752
>TNFAIP3-P5 SPSPHSCHR	18888	>TNFAIP3-P5 SLSPHSCHR	216	18672
>TNFAIP3-P5 SPSPHSCHR	2542	>TNFAIP3-P5 SLSPHSCHR	29	2513
>TNFAIP3-P5 SPSPHSCH	290	>TNFAIP3-P5 SLSPHSCH	12768	12478
>TNFAIP3-P5 SPSPHSCHR	197	>TNFAIP3-P5 SLSPHSCHR	59	138
>TNFAIP3-P5 KSDPSRLVRSI	7614	>TNFAIP3-P5 KSDPSRLVRSI	8	7606
>TNFAIP3-P5 KSDPSRLVRSI	14044	>TNFAIP3-P5 KSDPSRLVRSI	162	13882
>TNFAIP3-P5 KSDPSRLVRSI	23033	>TNFAIP3-P5 KSDPSRLVRSI	270	22763
>TNFAIP3-P5 RSPSPHSCHR	2114	>TNFAIP3-P5 RSLSPHSCHR	314	1800
>TNFAIP3-P5 RSPSPHSCHR	654	>TNFAIP3-P5 RSLSPHSCHR	204	450
>TNFAIP3-P5 RSPSPHSCHR	2268	>TNFAIP3-P5 RSLSPHSCHR	90	2178
>TNFAIP3-P5 RSPSPHSCHR	4136	>TNFAIP3-P5 RSLSPHSCHR	215	3921
>TNFAIP3-P5 RSPSPHSCHR	36	>TNFAIP3-P5 RSLSPHSCHR	10	26

>TNFAIP3-P5 RSPSPHSCHR	127	>TNFAIP3-P5 RSLSPHSCHR	200	73
>TNFAIP3-P5 RSPSPHSCH	1420	>TNFAIP3-P5 RSLSPHSCH	216	1204
>TNFAIP3-P5 RSPSPHSCHR	2932	>TNFAIP3-P5 RSLSPHSCHR	434	2498
>TNFAIP3-P5 RSPSPHSCH	4932	>TNFAIP3-P5 RSLSPHSCH	400	4532
>TNFAIP3-P5 RSPSPHSCHR	6440	>TNFAIP3-P5 RSLSPHSCHR	414	6026
>TNFAIP3-P5 RSPSPHSC	66	>TNFAIP3-P5 RSLSPHSC	16950	16884
>TNFAIP3-P5 RSPSPHSCH	280	>TNFAIP3-P5 RSLSPHSCH	23698	23418
>TNFAIP3-P5 RSPSPHSCHR	69	>TNFAIP3-P5 RSLSPHSCHR	17394	17325
>TNFAIP3-P5 RSPSPHSCH	215	>TNFAIP3-P5 RSLSPHSCH	14	201
>TNFAIP3-P5 RSPSPHSCHR	3914	>TNFAIP3-P5 RSLSPHSCHR	293	3621
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>TNFAIP3-P5 LVRSPSPH	327	>TNFAIP3-P5 LVRSLSPH	299	28
>TNFAIP3-P5 LVRSPSPHS	28	>TNFAIP3-P5 LVRSLSPHS	25	3
>TNFAIP3-P5 LVRSPSPHSC	342	>TNFAIP3-P5 LVRSLSPHSC	344	2
>TNFAIP3-P5 LVRSPSPH	924	>TNFAIP3-P5 LVRSLSPH	499	425
>TNFAIP3-P5 LVRSPSPHSCI	74	>TNFAIP3-P5 LVRSLSPHSCI	70	4
>TNFAIP3-P5 RLVRSPSPHS	99	>TNFAIP3-P5 RLVRSLSPHS	133	34
>TNFAIP3-P5 RLVRSPSPHS	513	>TNFAIP3-P5 RLVRSLSPHS	433	80
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>TNFAIP3-P5 RLVRSPSPH	311	>TNFAIP3-P5 RLVRSLSPH	393	82
>TNFAIP3-P5 RLVRSPSPH	798	>TNFAIP3-P5 RLVRSLSPH	282	516
>TNFAIP3-P5 RLVRSPSPH	133	>TNFAIP3-P5 RLVRSLSPH	276	143
>TNFAIP3-P5 SRLVRSPSPH	323	>TNFAIP3-P5 SRLVRSLSPH	883	560
>TNFAIP3-P5 DPSRLVRSP	25585	>TNFAIP3-P5 DPSRLVRSL	462	25123
>TNFAIP3-P5 DPSRLVRSP	15324	>TNFAIP3-P5 DPSRLVRSL	209	15115
>TNFAIP3-P6 IPCLGRECGTI	378	>TNFAIP3-P6 ILCLGRECGTI	33702	33324
>TNFAIP3-P6 IPCLGRECGT	37808	>TNFAIP3-P6 ILCLGRECGT	358	37450
>TNFAIP3-P6 IPCLGRECGTI	35481	>TNFAIP3-P6 ILCLGRECGTI	61	35420
>TNFAIP3-P6 NTIPCLGR	153	>TNFAIP3-P6 NTILCLGR	81	72
>TNFAIP3-P6 NTIPCLGR	11	>TNFAIP3-P6 NTILCLGR	13	2
>TNFAIP3-P6 NTIPCLGR	387	>TNFAIP3-P6 NTILCLGR	309	78
>TNFAIP3-P6 QNTIPCLGR	1283	>TNFAIP3-P6 QNTILCLGR	320	963
>TNFAIP3-P6 FQNTIPCL	69	>TNFAIP3-P6 FQNTILCL	66	3
>TNFAIP3-P6 FQNTIPCL	28	>TNFAIP3-P6 FQNTILCL	16	12
>TNFAIP3-P6 FQNTIPCLG	2009	>TNFAIP3-P6 FQNTILCLG	378	1631
>TNFAIP3-P6 FQNTIPCL	167	>TNFAIP3-P6 FQNTILCL	90	77
>TNFAIP3-P6 FQNTIPCL	22	>TNFAIP3-P6 FQNTILCL	12	10
>TNFAIP3-P6 FQNTIPCLG	5369	>TNFAIP3-P6 FQNTILCLG	317	5052
>TNFAIP3-P6 FQNTIPCL	337	>TNFAIP3-P6 FQNTILCL	493	156
>TNFAIP3-P6 FQNTIPCL	464	>TNFAIP3-P6 FQNTILCL	492	28
>TNFAIP3-P6 FQNTIPCL	314	>TNFAIP3-P6 FQNTILCL	617	303
>TNFAIP3-P6 FQNTIPCLGR	767	>TNFAIP3-P6 FQNTILCLGR	209	558
>TNFAIP3-P6 FQNTIPCLGR	920	>TNFAIP3-P6 FQNTILCLGR	353	567

>TNFAIP3-P6 FQNTIPCLGR	396	>TNFAIP3-P6 FQNTILCLGR	491	95
>TNFAIP3-P6 FQNTIPCL	42	>TNFAIP3-P6 FQNTILCL	49	7
>TNFAIP3-P6 FQNTIPCL	26	>TNFAIP3-P6 FQNTILCL	41	15
>TNFAIP3-P6 FQNTIPCLGR	259	>TNFAIP3-P6 FQNTILCLGR	246	13
>TNFAIP3-P6 RFQNTIPCL	146	>TNFAIP3-P6 RFQNTILCL	127	19
>TNFAIP3-P6 RFQNTIPCL	124	>TNFAIP3-P6 RFQNTILCL	67	57
>TNFAIP3-P6 RFQNTIPCLG	23	>TNFAIP3-P6 RFQNTILCLGI	19	4
>TNFAIP3-P6 RFQNTIPCL	789	>TNFAIP3-P6 RFQNTILCL	402	387
>TNFAIP3-P6 RFQNTIPCLG	59	>TNFAIP3-P6 RFQNTILCLGI	37	22
>TNFAIP3-P6 RFQNTIPCL	924	>TNFAIP3-P6 RFQNTILCL	299	625
>TNFAIP3-P6 RFQNTIPCL	514	>TNFAIP3-P6 RFQNTILCL	344	170
>TNFAIP3-P6 SRFQNTIP	2385	>TNFAIP3-P6 SRFQNTIL	89	2296
>TNFAIP3-P6 SRFQNTIPCL	85	>TNFAIP3-P6 SRFQNTILCL	93	8
>TNFAIP3-P6 SRFQNTIP	2279	>TNFAIP3-P6 SRFQNTIL	91	2188
>TNFAIP3-P6 SRFQNTIPCL	16	>TNFAIP3-P6 SRFQNTILCL	13	3
>TNFAIP3-P6 SRFQNTIP	16506	>TNFAIP3-P6 SRFQNTIL	38	16468
>TNFAIP3-P6 SRFQNTIPCL	27	>TNFAIP3-P6 SRFQNTILCL	26	1
>TNFAIP3-P6 SRFQNTIPC	335	>TNFAIP3-P6 SRFQNTILC	485	150
>TNFAIP3-P6 SRFQNTIP	3143	>TNFAIP3-P6 SRFQNTIL	176	2967
>TNFAIP3-P6 SRFQNTIPCL	359	>TNFAIP3-P6 SRFQNTILCL	99	260
>TNFAIP3-P6 SRFQNTIPC	579	>TNFAIP3-P6 SRFQNTILC	127	452
>TNFAIP3-P6 SRFQNTIPCL	140	>TNFAIP3-P6 SRFQNTILCL	52	88
>TNFAIP3-P6 ASRFQNTIP	364	>TNFAIP3-P6 ASRFQNTIL	26	338
>TNFAIP3-P6 ASRFQNTIPC	59	>TNFAIP3-P6 ASRFQNTILC	109	50
>TNFAIP3-P6 ASRFQNTIPC	16	>TNFAIP3-P6 ASRFQNTILCI	20	4
>TNFAIP3-P6 ASRFQNTIP	7475	>TNFAIP3-P6 ASRFQNTIL	392	7083
>TNFAIP3-P6 ASRFQNTIPC	525	>TNFAIP3-P6 ASRFQNTILCI	383	142
>TNFAIP3-P6 ASRFQNTIP	14358	>TNFAIP3-P6 ASRFQNTIL	20	14338
>TNFAIP3-P6 ASRFQNTIPC	48	>TNFAIP3-P6 ASRFQNTILCI	37	11
>TNFAIP3-P6 ASRFQNTIP	5318	>TNFAIP3-P6 ASRFQNTIL	55	5263
>TNFAIP3-P7 PKQRCRAPA	3883	>TNFAIP3-P7 RKQRCRAPA	250	3633
>TNFAIP3-P7 DPPKQRCR	3478	>TNFAIP3-P7 DPRKQRCR	295	3183
>TNFAIP3-P7 DPPKQRCRAI	4646	>TNFAIP3-P7 DPRKQRCRAI	59	4587
>TNFAIP3-P7 DPPKQRCRA	6796	>TNFAIP3-P7 DPRKQRCRA	438	6358
>TNFAIP3-P7 DPPKQRCRAI	5936	>TNFAIP3-P7 DPRKQRCRAI	270	5666
>TNFAIP3-P7 DPPKQRCRAI	442	>TNFAIP3-P7 DPRKQRCRAI	177	265
>TNFAIP3-P7 EPAPEDPP	35598	>TNFAIP3-P7 EPAPEDPR	261	35337
>TNFAIP3-P7 EPAPEDPPKC	547	>TNFAIP3-P7 EPAPEDPRKC	374	173
>TNFAIP3-P7 EPAPEDPPK	163	>TNFAIP3-P7 EPAPEDPRK	2106	1943
>TNFAIP3-P7 RGEPAPEDPF	477	>TNFAIP3-P7 RGEPAPEDPF	1921	1444
>TNFAIP3-Q7CQHNPQRM	139	>TNFAIP3-Q7CKHPNPQRM	131	8
>TNFAIP3-Q7MECQHNPQF	39	>TNFAIP3-Q7MECKHPNPQF	53	14
>TNFAIP3-Q7MECQHNPQF	385	>TNFAIP3-Q7MECKHPNPQF	479	94

>TNFAIP3-Q7CMECQHPNC	160	>TNFAIP3-Q7CMECKHPNC	232	72
>TNFAIP3-Q7LCMECQHPN	205	>TNFAIP3-Q7LCMECKHPN	190	15
>TNFAIP3-R3RREGHAQNP	181	>TNFAIP3-R3GREGHAQNP	1507	1326
>TNFAIP3-R3RREGHAQNP	475	>TNFAIP3-R3GREGHAQNP	906	431
>TNFAIP3-R3GRREGHAQN	284	>TNFAIP3-R3GGREGHAQN	8153	7869
>TNFAIP3-R3GRREGHAQN	489	>TNFAIP3-R3GGREGHAQN	18619	18130
>TNFAIP3-R3GRREGHAQN	388	>TNFAIP3-R3GGREGHAQN	27014	26626
>TNFAIP3-R3KKWQENSEC	162	>TNFAIP3-R3KKWQENSEC	2304	2142
>TNFAIP3-R3KKWQENSEC	52	>TNFAIP3-R3KKWQENSEC	27661	27609
>TNFAIP3-R3SEQGRREGH	100	>TNFAIP3-R3SEQGGREGH	78	22
>TNFAIP3-R3SEQGRREGH	477	>TNFAIP3-R3SEQGGREGH	252	225
>TNFAIP3-R3ENSEQGRR	302	>TNFAIP3-R3ENSEQGRR	244	58
>TNFAIP3-R3KWQENSEQC	382	>TNFAIP3-R3KWQENSEQC	733	351
>TNFAIP3-R3KWQENSEQC	17	>TNFAIP3-R3KWQENSEQC	16771	16754
>TNFAIP3-R3KWQENSEQC	16	>TNFAIP3-R3KWQENSEQC	17	1
>TNFAIP3-R3KWQENSEQC	547	>TNFAIP3-R3KWQENSEQC	380	167
>TNFAIP3-T4ETTAMKCR	1419	>TNFAIP3-T4ETNAMKCR	339	1080
>TNFAIP3-T4ETTAMKCR	90	>TNFAIP3-T4ETNAMKCR	99	9
>TNFAIP3-T4ETTAMKCR	4	>TNFAIP3-T4ETNAMKCR	5	1
>TNFAIP3-T4FSETTAMK	69	>TNFAIP3-T4FSETNAMK	78	9
>TNFAIP3-T4LFSETTAMK	406	>TNFAIP3-T4LFSETNAMK	503	97
>TNFAIP3-T4LFSETTAMKC	144	>TNFAIP3-T4LFSETNAMKC	151	7
>TNFAIP3-T4LFSETTAMKC	400	>TNFAIP3-T4LFSETNAMKC	291	109
>TNFAIP3-T4LFSETTAMK	231	>TNFAIP3-T4LFSETNAMK	274	43
>TNFAIP3-T4LFSETTAMKC	487	>TNFAIP3-T4LFSETNAMKC	550	63
>TNFAIP3-T4LFSETTAM	100	>TNFAIP3-T4LFSETNAM	123	23
>TNFAIP3-T4LFSETTAMKC	463	>TNFAIP3-T4LFSETNAMKC	672	209
>TNFAIP3-T4FLFSETTA	14	>TNFAIP3-T4FLFSETNA	12	2
>TNFAIP3-T4FLFSETTAM	13	>TNFAIP3-T4FLFSETNAM	17	4
>TNFAIP3-T4FLFSETTA	4	>TNFAIP3-T4FLFSETNA	3	1
>TNFAIP3-T4FLFSETTAM	2	>TNFAIP3-T4FLFSETNAM	2	0
>TNFAIP3-T4FLFSETTAMK	174	>TNFAIP3-T4FLFSETNAMK	222	48
>TNFAIP3-T4FLFSETTAMK	109	>TNFAIP3-T4FLFSETNAMK	103	6
>TNFAIP3-T4FLFSETTA	4	>TNFAIP3-T4FLFSETNA	3	1
>TNFAIP3-T4FLFSETTAM	5	>TNFAIP3-T4FLFSETNAM	7	2
>TNFAIP3-T4FLFSETTAMK	482	>TNFAIP3-T4FLFSETNAMK	1120	638
>TNFAIP3-T4FLFSETTAMK	78	>TNFAIP3-T4FLFSETNAMK	108	30
>TNFAIP3-T4FLFSETTA	41	>TNFAIP3-T4FLFSETNA	34	7
>TNFAIP3-T4FLFSETTAM	24	>TNFAIP3-T4FLFSETNAM	40	16
>TNFAIP3-T4FLFSETTAMK	352	>TNFAIP3-T4FLFSETNAMK	385	33
>TNFAIP3-T4FLFSETTA	3	>TNFAIP3-T4FLFSETNA	6	3
>TNFAIP3-T4FLFSETTAM	6	>TNFAIP3-T4FLFSETNAM	8	2
>TNFAIP3-T4FLFSETTAMK	97	>TNFAIP3-T4FLFSETNAMK	158	61

>TNFAIP3-T4 FLFSETTAMK	10	>TNFAIP3-T4 FLFSETNAMK	10	0
>TNFAIP3-T4 FLFSETTA	13	>TNFAIP3-T4 FLFSETNA	26	13
>TNFAIP3-T4 FLFSETTAM	15	>TNFAIP3-T4 FLFSETNAM	10	5
>TNFAIP3-T4 FLFSETTAMK	67	>TNFAIP3-T4 FLFSETNAMK	42	25
>TNFAIP3-T4 FLFSETTA	7	>TNFAIP3-T4 FLFSETNA	8	1
>TNFAIP3-T4 FLFSETTAM	26	>TNFAIP3-T4 FLFSETNAM	44	18
>TNFAIP3-T4 FLFSETTAMK	74	>TNFAIP3-T4 FLFSETNAMK	122	48
>TNFAIP3-T4 FLFSETTA	95	>TNFAIP3-T4 FLFSETNA	134	39
>TNFAIP3-T4 FLFSETTAM	45	>TNFAIP3-T4 FLFSETNAM	48	3
>TNFAIP3-T4 FLFSETTAMK	328	>TNFAIP3-T4 FLFSETNAMK	287	41
>TNFAIP3-T4 FLFSETTA	3	>TNFAIP3-T4 FLFSETNA	3	0
>TNFAIP3-T4 FLFSETTAM	5	>TNFAIP3-T4 FLFSETNAM	10	5
>TNFAIP3-T4 FLFSETTAMK	33	>TNFAIP3-T4 FLFSETNAMK	75	42
>TNFAIP3-T4 FLFSETTAMK	5	>TNFAIP3-T4 FLFSETNAMK	6	1
>TNFAIP3-T4 FLFSETTAMK	29	>TNFAIP3-T4 FLFSETNAMK	44	15
>TNFAIP3-T4 FLFSETTAMK	108	>TNFAIP3-T4 FLFSETNAMK	125	17
>TNFAIP3-T4 FLFSETTAMK	24	>TNFAIP3-T4 FLFSETNAMK	29	5
>TNFAIP3-T4 FLFSETTAM	33	>TNFAIP3-T4 FLFSETNAM	45	12
>TNFAIP3-T4 FLFSETTAM	49	>TNFAIP3-T4 FLFSETNAM	50	1
>TNFAIP3-T4 FLFSETTA	203	>TNFAIP3-T4 FLFSETNA	319	116
>TNFAIP3-T4 FLFSETTAM	5	>TNFAIP3-T4 FLFSETNAM	7	2
>TNFAIP3-T4 FLFSETTAMK	281	>TNFAIP3-T4 FLFSETNAMK	357	76
>TNFAIP3-T4 FLFSETTAM	33	>TNFAIP3-T4 FLFSETNAM	32	1
>TNFAIP3-T4 FLFSETTAM	145	>TNFAIP3-T4 FLFSETNAM	69	76
>TNFAIP3-T4 FLFSETTAM	177	>TNFAIP3-T4 FLFSETNAM	273	96
>TNFAIP3-T4 FLFSETTAM	310	>TNFAIP3-T4 FLFSETNAM	660	350
>TNFAIP3-T4 SPFLFSETTAM	214	>TNFAIP3-T4 SPFLFSETNAM	465	251
>TNFAIP3-T4 SPFLFSETTAM	39	>TNFAIP3-T4 SPFLFSETNAM	46	7
>TNFAIP3-T4 SPFLFSETTAM	11	>TNFAIP3-T4 SPFLFSETNAM	12	1
>TNFAIP3-T4 SPFLFSETTAM	196	>TNFAIP3-T4 SPFLFSETNAM	115	81
>TNFAIP3-T4 SPFLFSETTA	28	>TNFAIP3-T4 SPFLFSETNA	28	0
>TNFAIP3-T4 SPFLFSETTAM	261	>TNFAIP3-T4 SPFLFSETNAM	432	171
>TNFAIP3-T4 SPFLFSETTAM	140	>TNFAIP3-T4 SPFLFSETNAM	94	46
>TNFAIP3-V3 VPQLSLMDV	463	>TNFAIP3-V3 MPQLSLMDV	351	112
>TNFAIP3-V3 VPQLSLMDV	1516	>TNFAIP3-V3 MPQLSLMDV	326	1190
>TNFAIP3-V3 VPQLSLMDVI	3137	>TNFAIP3-V3 MPQLSLMDV	272	2865
>TNFAIP3-V3 VPQLSLMDV	6446	>TNFAIP3-V3 MPQLSLMDV	191	6255
>TNFAIP3-V3 VPQLSLMDVI	2985	>TNFAIP3-V3 MPQLSLMDV	427	2558
>TNFAIP3-V3 SVPQLSLMD\	915	>TNFAIP3-V3 SMPQLSLMD	50	865
>TNFAIP3-V3 SVPQLSLM	5063	>TNFAIP3-V3 SMPQLSLM	331	4732
>TNFAIP3-V3 SVPQLSLMD\	570	>TNFAIP3-V3 SMPQLSLMD	49	521
>TNFAIP3-V3 SVPQLSLM	4871	>TNFAIP3-V3 SMPQLSLM	351	4520
>TNFAIP3-V3 SVPQLSLMD\	88	>TNFAIP3-V3 SMPQLSLMD	16	72

>TNFAIP3-V3 SVPQLSLMD\	99	>TNFAIP3-V3 SMPQLSLMD	67	32
>TNFAIP3-V3 SVPQLSLM	8508	>TNFAIP3-V3 SMPQLSLM	155	8353
>TNFAIP3-V3 SVPQLSLMD\	794	>TNFAIP3-V3 SMPQLSLMD	9	785
>TNFAIP3-V3 SVPQLSLMD\	5301	>TNFAIP3-V3 SMPQLSLMD	46	5255
>TNFAIP3-V3 SVPQLSLM	10943	>TNFAIP3-V3 SMPQLSLM	225	10718
>TNFAIP3-V3 SVPQLSLMD\	174	>TNFAIP3-V3 SMPQLSLMD	7	167
>TNFAIP3-V3 SVPQLSLMD\	9320	>TNFAIP3-V3 SMPQLSLMD	305	9015
>TNFAIP3-V3 SVPQLSLM	7010	>TNFAIP3-V3 SMPQLSLM	210	6800
>TNFAIP3-V3 SVPQLSLMD\	54	>TNFAIP3-V3 SMPQLSLMD	3	51
>TNFAIP3-V3 SVPQLSLMD\	83	>TNFAIP3-V3 SMPQLSLMD	151	68
>TNFAIP3-V3 SVPQLSLM	329	>TNFAIP3-V3 SMPQLSLM	5781	5452
>TNFAIP3-V3 SVPQLSLMD\	212	>TNFAIP3-V3 SMPQLSLMD	716	504
>TNFAIP3-V3 SVPQLSLM	144	>TNFAIP3-V3 SMPQLSLM	3527	3383
>TNFAIP3-V3 PSVPQLSLM	100	>TNFAIP3-V3 PSMPQLSLM	370	270
>TNFAIP3-V3 PSVPQLSL	274	>TNFAIP3-V3 PSMPQLSL	340	66
>TNFAIP3-V3 PSVPQLSLM	246	>TNFAIP3-V3 PSMPQLSLM	306	60
>TNFAIP3-V3 PSVPQLSLM	209	>TNFAIP3-V3 PSMPQLSLM	132	77
>TNFAIP3-V3 EPSVPQLSL	235	>TNFAIP3-V3 EPSMPQLSL	76	159
>TNFAIP3-V3 EPSVPQLSL	505	>TNFAIP3-V3 EPSMPQLSL	276	229
>TNFAIP3-V3 EPSVPQLSL	255	>TNFAIP3-V3 EPSMPQLSL	305	50
>TNFAIP3-V3 MEPSVPQLSL	126	>TNFAIP3-V3 MEPSMPQLS	137	11
>TNFAIP3-V3 MEPSVPQLSL	424	>TNFAIP3-V3 MEPSMPQLS	276	148
>TNFAIP3-V3 MEPSVPQLSL	176	>TNFAIP3-V3 MEPSMPQLS	125	51
>TNFAIP3-V3 MEPSVPQLSL	388	>TNFAIP3-V3 MEPSMPQLS	207	181
>TNFAIP3-V3 MEPSVPQLSL	35	>TNFAIP3-V3 MEPSMPQLS	27	8
>TNFAIP3-V3 PMEPSVPQL	400	>TNFAIP3-V3 PMEPSMPQL	1673	1273
>TNFAIP3-V3 PMEPSVPQL	19	>TNFAIP3-V3 PMEPSMPQL	32	13
>TNFAIP3-V3 PMEPSVPQLS	65	>TNFAIP3-V3 PMEPSMPQL	80	15
>TNFAIP3-V3 NPMEPSVPQ	370	>TNFAIP3-V3 NPMEPSMPC	796	426
>TNFAIP3-V3 NPMEPSVPQ	726	>TNFAIP3-V3 NPMEPSMPC	461	265
>TNFAIP3-V3 NPMEPSVPQ	40	>TNFAIP3-V3 NPMEPSMPC	30	10
>TNFAIP3-V3 NPMEPSVPQ	193	>TNFAIP3-V3 NPMEPSMPC	193	0
>TNFAIP3-V3 NPMEPSVPQ	840	>TNFAIP3-V3 NPMEPSMPC	282	558
>TNFAIP3-V3 NPMEPSVPQ	110	>TNFAIP3-V3 NPMEPSMPC	176	66
>TNFAIP3-V3 NPMEPSVPQ	19	>TNFAIP3-V3 NPMEPSMPC	23	4
>TNFAIP3-V3 NPMEPSVPQ	444	>TNFAIP3-V3 NPMEPSMPC	1054	610
>TNFAIP3-V3 AQNPMEPSV	499	>TNFAIP3-V3 AQNPMEPSN	8712	8213
>TNFAIP3-V3 AQNPMEPSV	229	>TNFAIP3-V3 AQNPMEPSN	9636	9407
>TNFAIP3-V3 AQNPMEPSV	28	>TNFAIP3-V3 AQNPMEPSN	501	473
>TNFAIP3-V3 AQNPMEPSV	279	>TNFAIP3-V3 AQNPMEPSN	9822	9543
>TNFAIP3-V3 AQNPMEPSV	82	>TNFAIP3-V3 AQNPMEPSN	10691	10609
>TNFAIP3-V3 AQNPMEPSV	56	>TNFAIP3-V3 AQNPMEPSN	13025	12969
>TNFAIP3-V3 AQNPMEPSV	1351	>TNFAIP3-V3 AQNPMEPSN	106	1245



>TNFAIP3-V3 AQNPMEPSV	263	>TNFAIP3-V3 AQNPMEPSM	51	212
>TNFAIP3-V3 HAQNPMEPS	231	>TNFAIP3-V3 HAQNPMEPS	2098	1867
>TNFAIP3-V3 HAQNPMEPS	6004	>TNFAIP3-V3 HAQNPMEPS	166	5838
>TNFAIP3-V5 VRSPSPHSCH	701	>TNFAIP3-V5 IRSPSPHSCH	317	384
>TNFAIP3-V5 VRSPSPHSCH	673	>TNFAIP3-V5 IRSPSPHSCHF	220	453
>TNFAIP3-V5 LVRSPSPH	327	>TNFAIP3-V5 LIRSPSPH	1106	779
>TNFAIP3-V5 LVRSPSPHS	28	>TNFAIP3-V5 LIRSPSPHS	89	61
>TNFAIP3-V5 LVRSPSPHSC	342	>TNFAIP3-V5 LIRSPSPHSC	1110	768
>TNFAIP3-V5 LVRSPSPHSCI	74	>TNFAIP3-V5 LIRSPSPHSCF	255	181
>TNFAIP3-V5 RLVRSPSPHS	99	>TNFAIP3-V5 RLIRSPSPHSC	64	35
>TNFAIP3-V5 RLVRSPSPHS	513	>TNFAIP3-V5 RLIRSPSPHSC	180	333
>TNFAIP3-V5 RLVRSPSPHS	75	>TNFAIP3-V5 RLIRSPSPHSC	61	14
>TNFAIP3-V5 RLVRSPSPH	311	>TNFAIP3-V5 RLIRSPSPH	260	51
>TNFAIP3-V5 RLVRSPSPH	798	>TNFAIP3-V5 RLIRSPSPH	343	455
>TNFAIP3-V5 RLVRSPSPH	133	>TNFAIP3-V5 RLIRSPSPH	86	47
>TNFAIP3-V5 SRLVRSPSPH	323	>TNFAIP3-V5 SRLIRSPSPH	245	78
>TNFAIP3-V5 KSDPSRLVR	336	>TNFAIP3-V5 KSDPSRLIR	363	27
>TNFAIP3-V5 KSDPSRLVR	129	>TNFAIP3-V5 KSDPSRLIR	157	28
>TNFAIP3-V5 KSDPSRLV	159	>TNFAIP3-V5 KSDPSRLI	24	135
>TNFAIP3-V5 KSDPSRLV	4776	>TNFAIP3-V5 KSDPSRLI	163	4613
>TNFAIP3-V5 KSDPSRLVR	456	>TNFAIP3-V5 KSDPSRLIR	491	35
>TNFAIP3-V5 KSDPSRLV	1503	>TNFAIP3-V5 KSDPSRLI	22	1481
>TNFAIP3-V5 SKSDPSRLVR	386	>TNFAIP3-V5 SKSDPSRLIR	353	33
>TNFAIP3-V5 RSKSDPSRLV	27	>TNFAIP3-V5 RSKSDPSRLI	17	10
>TNFAIP3-V5 RSKSDPSRLV	46	>TNFAIP3-V5 RSKSDPSRLIR	40	6
>TNFAIP3-V5 RSKSDPSRLV	17	>TNFAIP3-V5 RSKSDPSRLIR	19	2
>TNFAIP3-V5 RSKSDPSRLV	598	>TNFAIP3-V5 RSKSDPSRLI	79	519
>TNFAIP3-V5 RSKSDPSRLV	291	>TNFAIP3-V5 RSKSDPSRLI	358	67
>TNFAIP3-V5 RSKSDPSRLV	6506	>TNFAIP3-V5 RSKSDPSRLI	170	6336
>TNFAIP3-Y6 YFGTPENKGF	27	>TNFAIP3-Y6 CFGTPENKGF	49	22
>TNFAIP3-Y6 VYFGTPENK	87	>TNFAIP3-Y6 VCFGTPENK	13781	13694
>TNFAIP3-Y6 VYFGTPENKC	40	>TNFAIP3-Y6 VCFGTPENKC	4094	4054
>TNFAIP3-Y6 VYFGTPENKC	380	>TNFAIP3-Y6 VCFGTPENKC	14215	13835
>TNFAIP3-Y6 VYFGTPENKC	8	>TNFAIP3-Y6 VCFGTPENKC	12349	12341
>TNFAIP3-Y6 VYFGTPENKC	304	>TNFAIP3-Y6 VCFGTPENKC	225	79
>TNFAIP3-Y6 VYFGTPENKC	3215	>TNFAIP3-Y6 VCFGTPENKC	487	2728
>TNFAIP3-Y6 VYFGTPENK	313	>TNFAIP3-Y6 VCFGTPENK	5050	4737
>TNFAIP3-Y6 TSKCRKAGCV	85	>TNFAIP3-Y6 TSKCRKAGCV	13900	13815
>TNFAIP3-Y6 TSKCRKAGCV	387	>TNFAIP3-Y6 TSKCRKAGCV	13398	13011
>TNFAIP3-Y6 TSKCRKAGCV	40	>TNFAIP3-Y6 TSKCRKAGCV	18555	18515
>TNFAIP3-Y6 TSKCRKAGCV	146	>TNFAIP3-Y6 TSKCRKAGCV	15698	15552
>TNFAIP3-Y6 CVYFGTPENK	23	>TNFAIP3-Y6 CVCFGTPENK	89	66
>TNFAIP3-Y6 CVYFGTPENK	19	>TNFAIP3-Y6 CVCFGTPENK	37	18

>TNFAIP3-Y6 CVYFGTPENK	454	>TNFAIP3-Y6 CVCFGTPENK	923	469
>TNFAIP3-Y6 CVYFGTPENK	28	>TNFAIP3-Y6 CVCFGTPENK	188	160
>TNFAIP3-Y6 RKAGCVYF	5	>TNFAIP3-Y6 RKAGCVCF	5	0
>TNFAIP3-Y6 CRKAGCVY	133	>TNFAIP3-Y6 CRKAGCVC	6972	6839
>TNFAIP3-Y6 CRKAGCVYF	37	>TNFAIP3-Y6 CRKAGCVCF	48	11
>TNFAIP3-Y6 CRKAGCVYF	490	>TNFAIP3-Y6 CRKAGCVCF	730	240
>TNFAIP3-Y6 KCRKAGCVY	21	>TNFAIP3-Y6 KCRKAGCVC	273	252
>TNFAIP3-Y6 KCRKAGCVYF	98	>TNFAIP3-Y6 KCRKAGCVCF	871	773
>TNFAIP3-Y6 KCRKAGCVYF	32	>TNFAIP3-Y6 KCRKAGCVCF	19	13
>TNFAIP3-Y6 KCRKAGCVY	479	>TNFAIP3-Y6 KCRKAGCVC	18298	17819
>TNFAIP3-Y6 KCRKAGCVY	133	>TNFAIP3-Y6 KCRKAGCVC	6922	6789
>TNFAIP3-Y6 KCRKAGCVYF	47	>TNFAIP3-Y6 KCRKAGCVCF	39	8
>TNFAIP3-Y6 KCRKAGCVY	85	>TNFAIP3-Y6 KCRKAGCVC	11673	11588
>TNFAIP3-Y6 SKCRKAGCVY	109	>TNFAIP3-Y6 SKCRKAGCVC	7101	6992
>TNFAIP3-Y6 SKCRKAGCVY	34	>TNFAIP3-Y6 SKCRKAGCVC	38	4
>TNFRSF14-F DVVKVIVSVQ	32	>TNFRSF14-F DVVKVIVSVQ	10549	10517
>TNFRSF14-F DVVKVIVSVQ	5	>TNFRSF14-F DVVKVIVSVQ	480	475
>TNFRSF14-F IVSVQRKR	158	>TNFRSF14-F IVSVQQKR	200	42
>TNFRSF14-F IVSVQRKR	119	>TNFRSF14-F IVSVQQKR	98	21
>TNFRSF14-F VIVSVQRK	261	>TNFRSF14-F VIVSVQQK	290	29
>TNFRSF14-F VIVSVQRK	187	>TNFRSF14-F VIVSVQQK	125	62
>TNFRSF14-F VIVSVQRKR	453	>TNFRSF14-F VIVSVQQKR	287	166
>TNFRSF14-F VIVSVQRK	503	>TNFRSF14-F VIVSVQQK	321	182
>TNFRSF14-F VIVSVQRKR	205	>TNFRSF14-F VIVSVQQKR	124	81
>TNFRSF14-F KVIVSVQRK	114	>TNFRSF14-F KVIVSVQQK	134	20
>TNFRSF14-F KVIVSVQR	151	>TNFRSF14-F KVIVSVQQ	16565	16414
>TNFRSF14-F KVIVSVQRK	38	>TNFRSF14-F KVIVSVQQK	32	6
>TNFRSF14-F KVIVSVQRK	12	>TNFRSF14-F KVIVSVQQK	10	2
>TNFRSF14-F KVIVSVQR	14	>TNFRSF14-F KVIVSVQQ	6167	6153
>TNFRSF14-F KVIVSVQRK	371	>TNFRSF14-F KVIVSVQQK	366	5
>TNFRSF14-F KVIVSVQRKR	29	>TNFRSF14-F KVIVSVQQKR	57	28
>TNFRSF14-F KVIVSVQR	91	>TNFRSF14-F KVIVSVQQ	8864	8773
>TNFRSF14-F KVIVSVQRKR	560	>TNFRSF14-F KVIVSVQQKR	162	398
>TNFRSF14-F KVIVSVQR	166	>TNFRSF14-F KVIVSVQQ	18578	18412
>TNFRSF14-F KVIVSVQRKR	592	>TNFRSF14-F KVIVSVQQKR	429	163
>TNFRSF14-F VVKVIVSVQR	345	>TNFRSF14-F VVKVIVSVQC	378	33
>TNFRSF14-F VVKVIVSVQR	236	>TNFRSF14-F VVKVIVSVQC	184	52
>TNFRSF14-F VVKVIVSVQR	24	>TNFRSF14-F VVKVIVSVQC	19	5
>TNFRSF14-F VVKVIVSVQR	96	>TNFRSF14-F VVKVIVSVQC	14321	14225
>TNFRSF14-F VVKVIVSVQR	459	>TNFRSF14-F VVKVIVSVQC	426	33
>TNFRSF14-F VVKVIVSVQR	73	>TNFRSF14-F VVKVIVSVQC	27924	27851
>TOP1-A96S- ASGDAKIK	377	>TOP1-A96S- SSGDAKIK	221	156
>TOP1-A96S- ASGDAKIKK	59	>TOP1-A96S- SSGDAKIKK	36	23

>TOP1-A96S- ASGDAKIKKE	274	>TOP1-A96S- SSGDAKIKKEI	157	117
>TOP1-A96S- ASGDAKIKK	362	>TOP1-A96S- SSGDAKIKK	606	244
>TOP1-A96S- RASGDAKIKK	513	>TOP1-A96S- RSSGDAKIKK	256	257
>TOP1-A96S- RASGDAKIKK	99	>TOP1-A96S- RSSGDAKIKK	31	68
>TOP1-A96S- RASGDAKIK	1247	>TOP1-A96S- RSSGDAKIK	440	807
>TOP1-A96S- RASGDAKIKK	243	>TOP1-A96S- RSSGDAKIKK	95	148
>TOP1-A96S- RASGDAKI	2348	>TOP1-A96S- RSSGDAKI	282	2066
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>TOP1-A96S- RASGDAKI	64	>TOP1-A96S- RSSGDAKI	20	44
>TOP1-A96S- KEKRKEEKVR	299	>TOP1-A96S- KEKRKEEKVR	6646	6347
>TOP1-A96S- VRASGDAKIK	340	>TOP1-A96S- VRSSGDAKIK	637	297
>TOP1-A96S- KVRASGDAK	127	>TOP1-A96S- KVRSSGDAK	173	46
>TOP1-A96S- KVRASGDAKI	172	>TOP1-A96S- KVRSSGDAKI	214	42
>TOP1-A96S- KVRASGDAK	376	>TOP1-A96S- KVRSSGDAK	534	158
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>TOP1-A96S- KVRASGDAKI	7	>TOP1-A96S- KVRSSGDAKI	8	1
>TOP1-A96S- KVRASGDAKI	4	>TOP1-A96S- KVRSSGDAKI	4	0
>TOP1-A96S- KVRASGDAK	662	>TOP1-A96S- KVRSSGDAK	451	211
>TOP1-A96S- KVRASGDAKI	79	>TOP1-A96S- KVRSSGDAKI	117	38
>TOP1-A96S- EEKVRASGDA	464	>TOP1-A96S- EEKVRSSGDA	679	215
>TOP1-A96S- KEEKVRASGD	386	>TOP1-A96S- KEEKVRSSGD	380	6
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>TOP1-K326f MSKEEKLR	469	>TOP1-K326f MSKEEKLR	8351	7882
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>TOP1-K326f MSKEEKLKI	259	>TOP1-K326f MSKEEKLRI	352	93

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>TOP1-N623!SYNRANRAV	15	>TOP1-N623!SYNRASRAV	42	27
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>TOP1-P560I PEDDLFDRL	372	>TOP1-P560I LEDDLFDRL	24	348
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>TOP1-P560I PEDDLFDRL	1812	>TOP1-P560I LEDDLFDRL	134	1678
>TOP1-P560I QPEDDLFDRL	20635	>TOP1-P560I QLEDDLFDRL	127	20508
>TOP1-P560I QPEDDLFDRL	28071	>TOP1-P560I QLEDDLFDRL	439	27632
>TOP1-P560I QPEDDLFDRL	24204	>TOP1-P560I QLEDDLFDRL	271	23933
>TOP1-P560I QPEDDLFDRL	27251	>TOP1-P560I QLEDDLFDRL	11	27240
>TOP1-P560I NLQLFMENK\	15546	>TOP1-P560I NLQLFMENK\	424	15122

>TOP1-P560I KQPEDDLFDF	1499	>TOP1-P560I KQLEDDLDFDR	126	1373
>TOP1-P560I KQPEDDLF	248	>TOP1-P560I KQLEDDLDF	54	194
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>TOP1-P560I QLFMENKQP	14544	>TOP1-P560I QLFMENKQL	131	14413
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>TP53-A129[ ALNKMFCQL	431	>TP53-A129[ DLNKMFCQL	5489	5058
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>TP53-A129[ YSPALNKMFC	384	>TP53-A129[ YSPDLNKMFC	944	560
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>TP53-A129C AKSVTCTYSP	56	>TP53-A129C AKSVTCTYSP	505	449
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>TP53-A129C SPALNKMFC	372	>TP53-A129C SPGLNKMFC	699	327
>TP53-A129C SPALNKMFC	326	>TP53-A129C SPGLNKMFC	2046	1720
>TP53-A129C SPALNKMFC	450	>TP53-A129C SPGLNKMFC	8234	7784
>TP53-A129C YSPALNKMFC	384	>TP53-A129C YSPGLNKMFC	224	160
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>TP53-A129C CTYSPALNKM	343	>TP53-A129C CTYSPGLNKM	409	66
>TP53-A129C CTYSPALNKM	63	>TP53-A129C CTYSPGLNKM	68	5
>TP53-A129C CTYSPALNKM	380	>TP53-A129C CTYSPGLNKM	412	32
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>TP53-A129C CTYSPALNKM	24	>TP53-A129C CTYSPGLNKM	29	5
>TP53-A129C CTYSPALNKM	5	>TP53-A129C CTYSPGLNKM	5	0
>TP53-A129C CTYSPALNKM	76	>TP53-A129C CTYSPGLNKM	168	92
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>TP53-A129C CTYSPALNKM	358	>TP53-A129C CTYSPGLNKM	376	18
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>TP53-A129C VTCTYSPALN	490	>TP53-A129C VTCTYSPGLN	801	311
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>TP53-A129C SVTCTYSPA	118	>TP53-A129C SVTCTYSPG	10909	10791
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>TP53-A129T ALNKMFCQL	442	>TP53-A129T TLNKMFCQL	406	36
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>TP53-A129T ALNKMFCQL	21	>TP53-A129T TLNKMFCQL	59	38
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>TP53-A129T ALNKMFCQL	25	>TP53-A129T TLNKMFCQL	25	0
>TP53-A129T ALNKMFCQL	113	>TP53-A129T TLNKMFCQL	1063	950
>TP53-A129T ALNKMFCQL	431	>TP53-A129T TLNKMFCQL	549	118
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>TP53-A129T ALNKMFCQL	288	>TP53-A129T TLNKMFCQL	210	78
>TP53-A129T ALNKMFCQL	416	>TP53-A129T TLNKMFCQL	1267	851
>TP53-A129T AKSVTCTYSP	56	>TP53-A129T AKSVTCTYSP	166	110
>TP53-A129T SPALNKMFC	432	>TP53-A129T SPTLNKMFC	164	268
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>TP53-A129T SPALNKMFC	41	>TP53-A129T SPTLNKMFC	125	84
>TP53-A129T SPALNKMFC	372	>TP53-A129T SPTLNKMFC	776	404
>TP53-A129T SPALNKMFC	326	>TP53-A129T SPTLNKMF	719	393
>TP53-A129T SPALNKMFC	450	>TP53-A129T SPTLNKMF	1768	1318
>TP53-A129T YSPALNKMFC	384	>TP53-A129T YSPTLNKMF	797	413
>TP53-A129T YSPALNKMFC	717	>TP53-A129T YSPTLNKM	461	256
>TP53-A129T YSPALNKMFC	104	>TP53-A129T YSPTLNKMF	82	22
>TP53-A129T YSPALNKMFC	43	>TP53-A129T YSPTLNKMF	97	54
>TP53-A129T YSPALNKMFC	40	>TP53-A129T YSPTLNKM	36	4
>TP53-A129T YSPALNKMFC	3	>TP53-A129T YSPTLNKMF	3	0
>TP53-A129T YSPALNKMFC	22	>TP53-A129T YSPTLNKMFC	33	11
>TP53-A129T YSPALNKMFC	124	>TP53-A129T YSPTLNKMFC	194	70
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>TP53-A129T YSPALNKMFC	103	>TP53-A129T YSPTLNKMF	70	33
>TP53-A129T TYSPALNKMFC	136	>TP53-A129T TYSPTLNKM	44	92
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>TP53-A1291TYSPALNKMF	5	>TP53-A1291TYSPTLNKMF	5	0
>TP53-A1291TYSPALNKMF	586	>TP53-A1291TYSPTLNKMF	404	182
>TP53-A1291TYSPALNK	222	>TP53-A1291TYSPTLNK	145	77
>TP53-A1291TYSPALNK	674	>TP53-A1291TYSPTLNK	364	310
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>TP53-A1291TYSPALNKMF	439	>TP53-A1291TYSPTLNKMF	248	191
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>TP53-A1291CTYSPALNK	11	>TP53-A1291CTYSPTLNK	8	3
>TP53-A1291CTYSPALNKM	343	>TP53-A1291CTYSPTLNKM	242	101
>TP53-A1291CTYSPALNKM	63	>TP53-A1291CTYSPTLNKM	41	22
>TP53-A1291CTYSPALNKM	380	>TP53-A1291CTYSPTLNKM	196	184
>TP53-A1291CTYSPALNKM	246	>TP53-A1291CTYSPTLNKM	78	168
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>TP53-A1291CTYSPALNKM	767	>TP53-A1291CTYSPTLNKM	442	325
>TP53-A1291CTYSPALNK	30	>TP53-A1291CTYSPTLNK	27	3
>TP53-A1291CTYSPALNKM	488	>TP53-A1291CTYSPTLNKM	427	61
>TP53-A1291CTYSPALNKM	610	>TP53-A1291CTYSPTLNKM	473	137
>TP53-A1291CTYSPALNKM	23	>TP53-A1291CTYSPTLNKM	20	3
>TP53-A1291CTYSPALNKM	24	>TP53-A1291CTYSPTLNKM	30	6
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>TP53-A159[ PPPGTRVRAM	450	>TP53-A159[ PPPGTRVRDM	73	377
>TP53-A159[ TPPPGRVRA	482	>TP53-A159[ TPPPGRVRC	83	399
>TP53-A159[ TPPPGRVRA	32	>TP53-A159[ TPPPGRVRC	364	332
>TP53-A159[ TPPPGRVRA	139	>TP53-A159[ TPPPGRVRC	1302	1163
>TP53-A159F AMAIYKQSQI	221	>TP53-A159F PMAIYKQSQI	1280	1059
>TP53-A159F AMAIYKQSQI	161	>TP53-A159F PMAIYKQSQI	4542	4381
>TP53-A159F AMAIYKQSQI	199	>TP53-A159F PMAIYKQSQI	2305	2106
>TP53-A159F AMAIYKQSQI	283	>TP53-A159F PMAIYKQSQI	4076	3793
>TP53-A159F AMAIYKQSQ	69	>TP53-A159F PMAIYKQSQ	4644	4575
>TP53-A159F AMAIYKQSQI	49	>TP53-A159F PMAIYKQSQI	2853	2804
>TP53-A159F AMAIYKQSQI	55	>TP53-A159F PMAIYKQSQI	1707	1652
>TP53-A159F AMAIYKQSQI	69	>TP53-A159F PMAIYKQSQI	1009	940
>TP53-A159F RAMAIYKQSC	14619	>TP53-A159F RPMAIYKQSC	100	14519
>TP53-A159F RAMAIYKQSC	354	>TP53-A159F RPMAIYKQSC	17754	17400
>TP53-A159F RAMAIYKQSC	375	>TP53-A159F RPMAIYKQSC	1389	1014
>TP53-A159F STPPPGRVVR	82	>TP53-A159F STPPPGRVVR	11014	10932
>TP53-A159F STPPPGRVVR	54	>TP53-A159F STPPPGRVVR	161	107
>TP53-A159F VRAMAIYK	159	>TP53-A159F VRPMAIYK	1352	1193
>TP53-A159F RVRAMAIY	205	>TP53-A159F RVRPMAIY	265	60



>TP53-A159F RVRAMAIYK	28	>TP53-A159F RVRPMAIYK	30	2
>TP53-A159F RVRAMAIYK	20	>TP53-A159F RVRPMAIYK	21	1
>TP53-A159F RVRAMAIY	241	>TP53-A159F RVRPMAIY	280	39
>TP53-A159F RVRAMAIY	398	>TP53-A159F RVRPMAIY	212	186
>TP53-A159F RVRAMAIY	5	>TP53-A159F RVRPMAIY	6	1
>TP53-A159F RVRAMAIYK	3	>TP53-A159F RVRPMAIYK	3	0
>TP53-A159F RVRAMAIYKC	10	>TP53-A159F RVRPMAIYKC	10	0
>TP53-A159F RVRAMAIYKC	9	>TP53-A159F RVRPMAIYKC	9	0
>TP53-A159F RVRAMAIY	107	>TP53-A159F RVRPMAIY	82	25
>TP53-A159F RVRAMAIYK	18	>TP53-A159F RVRPMAIYK	19	1
>TP53-A159F RVRAMAIY	26	>TP53-A159F RVRPMAIY	59	33
>TP53-A159F RVRAMAIY	85	>TP53-A159F RVRPMAIY	92	7
>TP53-A159F RVRAMAIY	311	>TP53-A159F RVRPMAIY	311	0
>TP53-A159F RVRAMAIY	7	>TP53-A159F RVRPMAIY	4	3
>TP53-A159F RVRAMAIY	211	>TP53-A159F RVRPMAIY	956	745
>TP53-A159F RVRAMAIYK	156	>TP53-A159F RVRPMAIYK	260	104
>TP53-A159F TRVRAMAIY	62	>TP53-A159F TRVRPMAIY	29	33
>TP53-A159F TRVRAMAIY	278	>TP53-A159F TRVRPMAIY	189	89
>TP53-A159F TRVRAMAI	215	>TP53-A159F TRVRPMAI	386	171
>TP53-A159F GTRVRAMAI\	269	>TP53-A159F GTRVRPMAI\	616	347
>TP53-A159F GTRVRAMAI\	50	>TP53-A159F GTRVRPMAI\	52	2
>TP53-A159F GTRVRAMAI\	39	>TP53-A159F GTRVRPMAI\	36	3
>TP53-A159F GTRVRAMA	18	>TP53-A159F GTRVRPMA	12	6
>TP53-A159F GTRVRAMAI	9	>TP53-A159F GTRVRPMAI	7	2
>TP53-A159F GTRVRAMAI\	30	>TP53-A159F GTRVRPMAI\	38	8
>TP53-A159F GTRVRAMAI\	3	>TP53-A159F GTRVRPMAI\	3	0
>TP53-A159F GTRVRAMAI\	130	>TP53-A159F GTRVRPMAI\	261	131
>TP53-A159F GTRVRAMAI\	115	>TP53-A159F GTRVRPMAI\	96	19
>TP53-A159F GTRVRAMAI\	405	>TP53-A159F GTRVRPMAI\	756	351
>TP53-A159F GTRVRAMAI	40	>TP53-A159F GTRVRPMAI	119	79
>TP53-A159F GTRVRAMAI\	4	>TP53-A159F GTRVRPMAI\	5	1
>TP53-A159F GTRVRAMAI	122	>TP53-A159F GTRVRPMAI	450	328
>TP53-A159F GTRVRAMAI\	21	>TP53-A159F GTRVRPMAI\	22	1
>TP53-A159F GTRVRAMAI\	269	>TP53-A159F GTRVRPMAI\	170	99
>TP53-A159F GTRVRAMAI	387	>TP53-A159F GTRVRPMAI	663	276
>TP53-A159F PPGTRVRAM	68	>TP53-A159F PPGTRVRPM	67	1
>TP53-A159F PPPGTRVRAM	370	>TP53-A159F PPPGTRVRPM	798	428
>TP53-A159F PPPGTRVRAM	450	>TP53-A159F PPPGTRVRPM	1125	675
>TP53-A159F TPPPGTRVRA	482	>TP53-A159F TPPPGTRVRP	1391	909
>TP53-A159F TPPPGTRVRA	32	>TP53-A159F TPPPGTRVRP	35	3
>TP53-A159F TPPPGTRVRA	139	>TP53-A159F TPPPGTRVRP	191	52
>TP53-A159F TPPPGTRVRA	727	>TP53-A159F TPPPGTRVRP	490	237
>TP53-A159S AMAIYKQSQT	221	>TP53-A159S SMAIYKQSQT	153	68

>TP53-A159S AMAIYKQSQI	161	>TP53-A159S SMAIYKQSQI	188	27
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>TP53-A159S AMAIYKQSQI	283	>TP53-A159S SMAIYKQSQI	97	186
>TP53-A159S AMAIYKQSQ	69	>TP53-A159S SMAIYKQSQ	110	41
>TP53-A159S AMAIYKQSQI	49	>TP53-A159S SMAIYKQSQI	78	29
>TP53-A159S AMAIYKQSQI	55	>TP53-A159S SMAIYKQSQI	61	6
>TP53-A159S AMAIYKQSQI	69	>TP53-A159S SMAIYKQSQI	153	84
>TP53-A159S RAMAIYKQSC	809	>TP53-A159S RSMAIYKQSC	378	431
>TP53-A159S RAMAIYKQSC	354	>TP53-A159S RSMAIYKQSC	51	303
>TP53-A159S RAMAIYKQSC	1142	>TP53-A159S RSMAIYKQSC	379	763
>TP53-A159S RAMAIYKQSC	375	>TP53-A159S RSMAIYKQSC	54	321
>TP53-A159S STPPPGTRVR	82	>TP53-A159S STPPPGTRVR	1426	1344
>TP53-A159S STPPPGTRVR	54	>TP53-A159S STPPPGTRVR	82	28
>TP53-A159S VRAMAIYK	159	>TP53-A159S VRSMAIYK	277	118
>TP53-A159S RVRAMAIY	205	>TP53-A159S RVRSMAIY	222	17
>TP53-A159S RVRAMAIYK	28	>TP53-A159S RVRSMAIYK	29	1
>TP53-A159S RVRAMAIYK	20	>TP53-A159S RVRSMAIYK	26	6
>TP53-A159S RVRAMAIY	241	>TP53-A159S RVRSMAIY	151	90
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>TP53-A159S RVRAMAIYK	3	>TP53-A159S RVRSMAIYK	3	0
>TP53-A159S RVRAMAIYKC	10	>TP53-A159S RVRSMAIYKC	14	4
>TP53-A159S RVRAMAIYKC	9	>TP53-A159S RVRSMAIYKC	12	3
>TP53-A159S RVRAMAIY	107	>TP53-A159S RVRSMAIY	53	54
>TP53-A159S RVRAMAIYK	18	>TP53-A159S RVRSMAIYK	16	2
>TP53-A159S RVRAMAIYK	588	>TP53-A159S RVRSMAIYK	385	203
>TP53-A159S RVRAMAIY	26	>TP53-A159S RVRSMAIY	47	21
>TP53-A159S RVRAMAIY	85	>TP53-A159S RVRSMAIY	87	2
>TP53-A159S RVRAMAIY	311	>TP53-A159S RVRSMAIY	139	172
>TP53-A159S RVRAMAIY	7	>TP53-A159S RVRSMAIY	7	0
>TP53-A159S RVRAMAIY	211	>TP53-A159S RVRSMAIY	214	3
>TP53-A159S RVRAMAIYK	156	>TP53-A159S RVRSMAIYK	281	125
>TP53-A159S TRVRAMAIY	62	>TP53-A159S TRVRSMAIY	68	6
>TP53-A159S TRVRAMAI	746	>TP53-A159S TRVRSMAI	332	414
>TP53-A159S TRVRAMAIY	278	>TP53-A159S TRVRSMAIY	96	182
>TP53-A159S TRVRAMAI	215	>TP53-A159S TRVRSMAI	200	15
>TP53-A159S GTRVRAMAI	269	>TP53-A159S GTRVRSMAIY	259	10
>TP53-A159S GTRVRAMAI	50	>TP53-A159S GTRVRSMAIY	47	3
>TP53-A159S GTRVRAMAI	39	>TP53-A159S GTRVRSMAIY	35	4
>TP53-A159S GTRVRAMA	18	>TP53-A159S GTRVRSMAI	18	0
>TP53-A159S GTRVRAMAI	9	>TP53-A159S GTRVRSMAI	5	4
>TP53-A159S GTRVRAMAI	30	>TP53-A159S GTRVRSMAIY	19	11
>TP53-A159S GTRVRAMAI	3	>TP53-A159S GTRVRSMAIY	3	0

>TP53-A159S GTRVRAMAI	130	>TP53-A159S GTRVRSMAI	144	14
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>TP53-A159S GTRVRAMAI	687	>TP53-A159S GTRVRSMAI	301	386
>TP53-A159S GTRVRAMAI	405	>TP53-A159S GTRVRSMAI	199	206
>TP53-A159S GTRVRAMAI	40	>TP53-A159S GTRVRSMAI	51	11
>TP53-A159S GTRVRAMAI	4	>TP53-A159S GTRVRSMAI	4	0
>TP53-A159S GTRVRAMAI	122	>TP53-A159S GTRVRSMAI	156	34
>TP53-A159S GTRVRAMAI	21	>TP53-A159S GTRVRSMAI	21	0
>TP53-A159S GTRVRAMAI	269	>TP53-A159S GTRVRSMAI	238	31
>TP53-A159S GTRVRAMAI	387	>TP53-A159S GTRVRSMAI	368	19
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>TP53-A159S PPPGTRVRAM	370	>TP53-A159S PPPGTRVRS	678	308
>TP53-A159S PPPGTRVRAM	450	>TP53-A159S PPPGTRVRS	238	212
>TP53-A159S TPPPGRVRA	482	>TP53-A159S TPPPGRVRS	241	241
>TP53-A159S TPPPGRVRA	32	>TP53-A159S TPPPGRVRS	45	13
>TP53-A159S TPPPGRVRA	139	>TP53-A159S TPPPGRVRS	598	459
>TP53-A159T AMAIYKQSQI	221	>TP53-A159T TMAIYKQSQI	165	56
>TP53-A159T AMAIYKQSQI	161	>TP53-A159T TMAIYKQSQI	410	249
>TP53-A159T AMAIYKQSQI	199	>TP53-A159T TMAIYKQSQI	643	444
>TP53-A159T AMAIYKQSQI	283	>TP53-A159T TMAIYKQSQI	1063	780
>TP53-A159T AMAIYKQSQ	69	>TP53-A159T TMAIYKQSQ	661	592
>TP53-A159T AMAIYKQSQI	49	>TP53-A159T TMAIYKQSQI	371	322
>TP53-A159T AMAIYKQSQI	55	>TP53-A159T TMAIYKQSQI	119	64
>TP53-A159T AMAIYKQSQI	69	>TP53-A159T TMAIYKQSQI	343	274
>TP53-A159T RAMAIYKQSC	2356	>TP53-A159T RTMAIYKQSC	415	1941
>TP53-A159T RAMAIYKQSC	3448	>TP53-A159T RTMAIYKQSC	340	3108
>TP53-A159T RAMAIYKQSC	1651	>TP53-A159T RTMAIYKQSC	341	1310
>TP53-A159T RAMAIYKQ	1487	>TP53-A159T RTMAIYKQ	350	1137
>TP53-A159T RAMAIYKQSC	809	>TP53-A159T RTMAIYKQSC	167	642
>TP53-A159T RAMAIYKQ	4444	>TP53-A159T RTMAIYKQ	289	4155
>TP53-A159T RAMAIYKQSC	354	>TP53-A159T RTMAIYKQSC	34	320
>TP53-A159T RAMAIYKQSC	375	>TP53-A159T RTMAIYKQSC	22	353
>TP53-A159T STPPPGRVVR	82	>TP53-A159T STPPPGRVVR	1445	1363
>TP53-A159T STPPPGRVVR	54	>TP53-A159T STPPPGRVVR	117	63
>TP53-A159T VRAMAIYK	159	>TP53-A159T VRTMAIYK	158	1
>TP53-A159T RVRAMAIY	205	>TP53-A159T RVRTMAIY	275	70
>TP53-A159T RVRAMAIYK	28	>TP53-A159T RVRTMAIYK	29	1
>TP53-A159T RVRAMAIYK	20	>TP53-A159T RVRTMAIYK	26	6
>TP53-A159T RVRAMAIY	241	>TP53-A159T RVRTMAIY	167	74
>TP53-A159T RVRAMAIY	398	>TP53-A159T RVRTMAIY	444	46
>TP53-A159T RVRAMAIY	5	>TP53-A159T RVRTMAIY	6	1
>TP53-A159T RVRAMAIYK	3	>TP53-A159T RVRTMAIYK	3	0
>TP53-A159T RVRAMAIYKC	10	>TP53-A159T RVRTMAIYKC	13	3

>TP53-A159TRVRAMAIYKC	9	>TP53-A159TRVRTMAIYKC	11	2
>TP53-A159TRVRAMAIY	107	>TP53-A159TRVRTMAIY	88	19
>TP53-A159TRVRAMAIYK	18	>TP53-A159TRVRTMAIYK	20	2
>TP53-A159TRVRAMAIY	26	>TP53-A159TRVRTMAIY	52	26
>TP53-A159TRVRAMAIY	85	>TP53-A159TRVRTMAIY	154	69
>TP53-A159TRVRAMAIY	311	>TP53-A159TRVRTMAIY	245	66
>TP53-A159TRVRAMAIY	7	>TP53-A159TRVRTMAIY	10	3
>TP53-A159TRVRAMAIY	211	>TP53-A159TRVRTMAIY	552	341
>TP53-A159TRVRAMAIYK	156	>TP53-A159TRVRTMAIYK	167	11
>TP53-A159TRVRAMAIY	62	>TP53-A159TRVRTMAIY	102	40
>TP53-A159TRVRAMAIY	278	>TP53-A159TRVRTMAIY	150	128
>TP53-A159TRVRAMAI	215	>TP53-A159TRVRTMAI	164	51
>TP53-A159TGTRVRAMAI\	269	>TP53-A159TGTRVRTMAI\	260	9
>TP53-A159TGTRVRAMAI\	50	>TP53-A159TGTRVRTMAI\	47	3
>TP53-A159TGTRVRAMAI\	39	>TP53-A159TGTRVRTMAI\	29	10
>TP53-A159TGTRVRAMA	18	>TP53-A159TGTRVRTMA	37	19
>TP53-A159TGTRVRAMAI	9	>TP53-A159TGTRVRTMAI	6	3
>TP53-A159TGTRVRAMAI\	30	>TP53-A159TGTRVRTMAI\	20	10
>TP53-A159TGTRVRAMAI\	3	>TP53-A159TGTRVRTMAI\	3	0
>TP53-A159TGTRVRAMAI\	130	>TP53-A159TGTRVRTMAI\	102	28
>TP53-A159TGTRVRAMAI\	115	>TP53-A159TGTRVRTMAI\	74	41
>TP53-A159TGTRVRAMAI	687	>TP53-A159TGTRVRTMAI	328	359
>TP53-A159TGTRVRAMAI\	405	>TP53-A159TGTRVRTMAI\	289	116
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>TP53-A159TGTRVRAMAI\	4	>TP53-A159TGTRVRTMAI\	5	1
>TP53-A159TGTRVRAMAI	122	>TP53-A159TGTRVRTMAI	372	250
>TP53-A159TGTRVRAMAI\	21	>TP53-A159TGTRVRTMAI\	23	2
>TP53-A159TGTRVRAMAI\	269	>TP53-A159TGTRVRTMAI\	215	54
>TP53-A159TGTRVRAMAI	387	>TP53-A159TGTRVRTMAI	312	75
>TP53-A159TPPGTRVRAM	68	>TP53-A159TPPGTRVRTM	908	840
>TP53-A159TPPGTRVRAM	370	>TP53-A159TPPGTRVRTM	374	4
>TP53-A159TPPGTRVRAM	450	>TP53-A159TPPGTRVRTM	276	174
>TP53-A159TPPPGTRVRA	482	>TP53-A159TPPPGTRVRT	294	188
>TP53-A159TPPPGTRVRA	32	>TP53-A159TPPPGTRVRT	131	99
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>TP53-A159TPPPGTRVRA	727	>TP53-A159TPPPGTRVRT	498	229
>TP53-A159\AMAIYKQSQI	221	>TP53-A159\VMAIYKQSQI	64	157
>TP53-A159\AMAIYKQSQI	161	>TP53-A159\VMAIYKQSQI	340	179
>TP53-A159\AMAIYKQSQI	199	>TP53-A159\VMAIYKQSQI	145	54
>TP53-A159\AMAIYKQSQI	283	>TP53-A159\VMAIYKQSQI	295	12
>TP53-A159\AMAIYKQSQ	69	>TP53-A159\VMAIYKQSQ	86	17
>TP53-A159\AMAIYKQSQI	49	>TP53-A159\VMAIYKQSQI	59	10
>TP53-A159\AMAIYKQSQI	55	>TP53-A159\VMAIYKQSQI	79	24

>TP53-A159\AMAIYKQSQI	69	>TP53-A159\VMAIYKQSQI	106	37
>TP53-A159\RAMAIYKQSC	2356	>TP53-A159\RVMAIYKQSC	272	2084
>TP53-A159\RAMAIYKQSC	809	>TP53-A159\RVMAIYKQSC	316	493
>TP53-A159\RAMAIYKQSC	354	>TP53-A159\RVMAIYKQSC	2399	2045
>TP53-A159\RAMAIYKQSC	375	>TP53-A159\RVMAIYKQSC	197	178
>TP53-A159\STPPPGTRVR	6671	>TP53-A159\STPPPGTRVR	250	6421
>TP53-A159\STPPPGTRVR	5691	>TP53-A159\STPPPGTRVR	93	5598
>TP53-A159\STPPPGTRVR	82	>TP53-A159\STPPPGTRVR	12	70
>TP53-A159\STPPPGTRVR	54	>TP53-A159\STPPPGTRVR	5	49
>TP53-A159\VRAMAIYK	159	>TP53-A159\VRVMAIYK	209	50
>TP53-A159\RVRAMAIY	205	>TP53-A159\RVRVMAIY	393	188
>TP53-A159\RVRAMAIYK	28	>TP53-A159\RVRVMAIYK	34	6
>TP53-A159\RVRAMAIYK	20	>TP53-A159\RVRVMAIYK	30	10
>TP53-A159\RVRAMAIY	241	>TP53-A159\RVRVMAIY	513	272
>TP53-A159\RVRAMAIY	398	>TP53-A159\RVRVMAIY	581	183
>TP53-A159\RVRAMAIY	5	>TP53-A159\RVRVMAIY	6	1
>TP53-A159\RVRAMAIYK	3	>TP53-A159\RVRVMAIYK	3	0
>TP53-A159\RVRAMAIYKC	10	>TP53-A159\RVRVMAIYKC	13	3
>TP53-A159\RVRAMAIYKC	9	>TP53-A159\RVRVMAIYKC	10	1
>TP53-A159\RVRAMAIY	107	>TP53-A159\RVRVMAIY	94	13
>TP53-A159\RVRAMAIYK	18	>TP53-A159\RVRVMAIYK	16	2
>TP53-A159\RVRAMAIY	26	>TP53-A159\RVRVMAIY	55	29
>TP53-A159\RVRAMAIY	85	>TP53-A159\RVRVMAIY	140	55
>TP53-A159\RVRAMAIY	311	>TP53-A159\RVRVMAIY	476	165
>TP53-A159\RVRAMAIY	7	>TP53-A159\RVRVMAIY	9	2
>TP53-A159\RVRAMAIY	211	>TP53-A159\RVRVMAIY	249	38
>TP53-A159\RVRAMAIYK	156	>TP53-A159\RVRVMAIYK	698	542
>TP53-A159\TRVRAMAIY	62	>TP53-A159\TRVRVMAIY	139	77
>TP53-A159\TRVRAMAIYK	765	>TP53-A159\TRVRVMAIYK	431	334
>TP53-A159\TRVRAMAIY	278	>TP53-A159\TRVRVMAIY	367	89
>TP53-A159\TRVRAMAI	215	>TP53-A159\TRVRVMAI	250	35
>TP53-A159\GTRVRAMAI\	269	>TP53-A159\GTRVRVMAI\	406	137
>TP53-A159\GTRVRAMAI\	50	>TP53-A159\GTRVRVMAI\	53	3
>TP53-A159\GTRVRAMAI\	39	>TP53-A159\GTRVRVMAI\	33	6
>TP53-A159\GTRVRAMAI\	715	>TP53-A159\GTRVRVMAI\	484	231
>TP53-A159\GTRVRAMA	18	>TP53-A159\GTRVRVMA	19	1
>TP53-A159\GTRVRAMAI	9	>TP53-A159\GTRVRVMAI	7	2
>TP53-A159\GTRVRAMAI\	30	>TP53-A159\GTRVRVMAI\	37	7
>TP53-A159\GTRVRAMAI\	3	>TP53-A159\GTRVRVMAI\	3	0
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>TP53-A161\AMAIYKQSQ\	221	>TP53-A161\AMVIYKQSQ\	70	151
>TP53-A161\AMAIYKQSQ\	161	>TP53-A161\AMVIYKQSQ\	865	704
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>TP53-A161\AMAIYKQSQ\	283	>TP53-A161\AMVIYKQSQ\	1281	998
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>TP53-A161\TRVRAMAIY	278	>TP53-A161\TRVRAMVIY	146	132
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>TP53-A161\GTRVRAMAI	40	>TP53-A161\GTRVRAMVI	41	1
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>TP53-A161\GTRVRAMAI	122	>TP53-A161\GTRVRAMVI	31	91
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>TP53-A161\GTRVRAMAI\	269	>TP53-A161\GTRVRAMVI\	210	59
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>TP53-A189[ GLAPPQHLI	13	>TP53-A189[ GLDPPQHLI	8	5
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>TP53-A189[ GLAPPQHL	11	>TP53-A189[ GLDPPQHL	11	0
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>TP53-A189[ GLAPPQHLIR	5	>TP53-A189[ GLDPPQHLIR	5	0
>TP53-A189[ GLAPPQHL	175	>TP53-A189[ GLDPPQHL	311	136
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>TP53-A189[ GLAPPQHL	5	>TP53-A189[ GLDPPQHL	10	5
>TP53-A189[ GLAPPQHLI	5	>TP53-A189[ GLDPPQHLI	11	6
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>TP53-A189[ SDGLAPPQHI	104	>TP53-A189[ SDGLDPPQHI	120	16
>TP53-A189[ CSDSDGLA	178	>TP53-A189[ CSDSDGLD	4585	4407
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>TP53-A189[ LAPPQHLIRV	52	>TP53-A189[ LGPPQHLIRV	1485	1433
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>TP53-A189[ LAPPQHLIRV	28	>TP53-A189[ LGPPQHLIRV	263	235
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>TP53-A189[ GLAPPQHL	285	>TP53-A189[ GLGPPQHL	1895	1610
>TP53-A189[ GLAPPQHLI	65	>TP53-A189[ GLGPPQHLI	480	415

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>TP53-A189C GLAPPQHL	61	>TP53-A189C GLGPPQHL	1335	1274
>TP53-A189C GLAPPQHLI	31	>TP53-A189C GLGPPQHLI	662	631
>TP53-A189C GLAPPQHLIR'	7	>TP53-A189C GLGPPQHLIR	60	53
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>TP53-A189C GLAPPQHLIR'	3	>TP53-A189C GLGPPQHLIR	3	0
>TP53-A189C GLAPPQHL	26	>TP53-A189C GLGPPQHL	26	0
>TP53-A189C GLAPPQHLI	22	>TP53-A189C GLGPPQHLI	22	0
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>TP53-A189C GLAPPQHLI	13	>TP53-A189C GLGPPQHLI	24	11
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>TP53-A189C GLAPPQHLIR'	2	>TP53-A189C GLGPPQHLIR	2	0
>TP53-A189C GLAPPQHLIR	282	>TP53-A189C GLGPPQHLIR	198	84
>TP53-A189C SDGLAPPQHI	104	>TP53-A189C SDGLGPPQHI	203	99
>TP53-A189C CSDSDGLA	178	>TP53-A189C CSDSDGLG	5451	5273
>TP53-A189F LAPPQHLI	31219	>TP53-A189F LPPPQHLI	122	31097
>TP53-A189F LAPPQHHLIRV	395	>TP53-A189F LPPPQHHLIRV	7683	7288
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>TP53-A189F LAPPQHLI	1132	>TP53-A189F LPPPQHLI	76	1056
>TP53-A189F LAPPQHLI	5210	>TP53-A189F LPPPQHLI	408	4802
>TP53-A189F LAPPQHLI	17932	>TP53-A189F LPPPQHLI	486	17446
>TP53-A189F LAPPQHHLIRV	24823	>TP53-A189F LPPPQHHLIRV	169	24654
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>TP53-A189F LAPPQHHLIRV	28	>TP53-A189F LPPPQHHLIRV	456	428
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>TP53-A189F GLAPPQHLI	31	>TP53-A189F GLPPPQHLI	215	184
>TP53-A189F GLAPPQHLIR'	7	>TP53-A189F GLPPPQHLIR'	24	17
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>TP53-A189F GLAPPQHL	16	>TP53-A189F GLPPPQHL	23	7
>TP53-A189F GLAPPQHLI	13	>TP53-A189F GLPPPQHLI	18	5
>TP53-A189F GLAPPQHLIR'	3	>TP53-A189F GLPPPQHLIR'	3	0
>TP53-A189F GLAPPQHL	26	>TP53-A189F GLPPPQHL	86	60
>TP53-A189F GLAPPQHLI	22	>TP53-A189F GLPPPQHLI	72	50
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>TP53-A189F GLAPPQHL	11	>TP53-A189F GLPPPQHL	30	19
>TP53-A189F GLAPPQHLI	13	>TP53-A189F GLPPPQHLI	39	26
>TP53-A189F GLAPPQHLIR'	5	>TP53-A189F GLPPPQHLIR'	8	3
>TP53-A189F GLAPPQHL	175	>TP53-A189F GLPPPQHL	2154	1979
>TP53-A189F GLAPPQHLI	76	>TP53-A189F GLPPPQHLI	1636	1560
>TP53-A189F GLAPPQHLIR'	9	>TP53-A189F GLPPPQHLIR'	77	68
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>TP53-A189F GLAPPQHLIR'	2	>TP53-A189F GLPPPQHLIR'	3	1
>TP53-A189F GLAPPQHLI	2635	>TP53-A189F GLPPPQHLI	18	2617
>TP53-A189F GLAPPQHLIR'	12320	>TP53-A189F GLPPPQHLIR'	323	11997
>TP53-A189F GLAPPQHLIR	282	>TP53-A189F GLPPPQHLIR	274	8
>TP53-A189F SDGLAPPQHL	104	>TP53-A189F SDGLPPPQHL	204	100
>TP53-A189F CSDSDGLA	178	>TP53-A189F CSDSDGLP	3926	3748
>TP53-A189S APPQHLIR	1502	>TP53-A189S SPPQHLIR	354	1148
>TP53-A189S LAPPQHILIRV	395	>TP53-A189S LSPPQHILIRV	1555	1160
>TP53-A189S LAPPQHILIRV	52	>TP53-A189S LSPPQHILIRV	1945	1893
>TP53-A189S LAPPQHILI	5	>TP53-A189S LSPPQHILI	2	3
>TP53-A189S LAPPQHILIR	959	>TP53-A189S LSPPQHILIR	157	802
>TP53-A189S LAPPQHILIRV	28	>TP53-A189S LSPPQHILIRV	7	21
>TP53-A189S LAPPQHILIRV	865	>TP53-A189S LSPPQHILIRV	190	675
>TP53-A189S LAPPQHILIRV	8032	>TP53-A189S LSPPQHILIRV	415	7617
>TP53-A189S LAPPQHILI	70	>TP53-A189S LSPPQHILI	27	43
>TP53-A189S GLAPPQHL	285	>TP53-A189S GLSPPQHL	732	447
>TP53-A189S GLAPPQHLI	65	>TP53-A189S GLSPPQHLI	147	82
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>TP53-A189S GLAPPQHL	61	>TP53-A189S GLSPPQHL	124	63
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>TP53-A189S GLAPPQHLIR'	44	>TP53-A189S GLSPPQHLIR'	125	81

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>TP53-A189S GLAPPQHLIR	5	>TP53-A189S GLSPPQHLIR	7	2
>TP53-A189S GLAPPQHL	175	>TP53-A189S GLSPPQHL	412	237
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>TP53-A189S GLAPPQHLIR	9	>TP53-A189S GLSPPQHLIR	14	5
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>TP53-A189S SDGLAPPQHL	104	>TP53-A189S SDGLSPPQHL	75	29
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>TP53-A189T APPQHLIR	1502	>TP53-A189T TPPQHLIR	375	1127
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>TP53-A189T LAPPQHILIRV	52	>TP53-A189T LTPPQHILIRV	41	11
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>TP53-A189T LAPPQHILIR	1385	>TP53-A189T LTPPQHILIR	461	924
>TP53-A189T LAPPQHILI	898	>TP53-A189T LTPPQHILI	105	793
>TP53-A189T LAPPQHILIRV	3800	>TP53-A189T LTPPQHILIRV	370	3430
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>TP53-A189T LAPPQHILIR	959	>TP53-A189T LTPPQHILIR	45	914
>TP53-A189T LAPPQHILIRV	28	>TP53-A189T LTPPQHILIRV	4	24
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>TP53-A189T LAPPQHILIRV	8032	>TP53-A189T LTPPQHILIRV	147	7885
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>TP53-A189T GLAPPQHL	285	>TP53-A189T GLTPPQHL	1460	1175
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>TP53-A189T GLAPPQHLIR	20	>TP53-A189T GLTPPQHLIR	60	40
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>TP53-A189T GLAPPQHLI	15	>TP53-A189T GLTPPQHLI	95	80
>TP53-A189T GLAPPQHLIR	9	>TP53-A189T GLTPPQHLIR	45	36
>TP53-A189T GLAPPQHL	61	>TP53-A189T GLTPPQHL	634	573
>TP53-A189T GLAPPQHLI	31	>TP53-A189T GLTPPQHLI	320	289
>TP53-A189T GLAPPQHLIR	7	>TP53-A189T GLTPPQHLIR	32	25
>TP53-A189T GLAPPQHLIR	44	>TP53-A189T GLTPPQHLIR	119	75

>TP53-A189TGLAPPQHL	16	>TP53-A189TGLTPPQHL	37	21
>TP53-A189TGLAPPQHLI	13	>TP53-A189TGLTPPQHLI	29	16
>TP53-A189TGLAPPQHLIR'	3	>TP53-A189TGLTPPQHLIR'	4	1
>TP53-A189TGLAPPQHL	26	>TP53-A189TGLTPPQHL	37	11
>TP53-A189TGLAPPQHLI	22	>TP53-A189TGLTPPQHLI	30	8
>TP53-A189TGLAPPQHLIR'	7	>TP53-A189TGLTPPQHLIR'	8	1
>TP53-A189TGLAPPQHL	11	>TP53-A189TGLTPPQHL	19	8
>TP53-A189TGLAPPQHLI	13	>TP53-A189TGLTPPQHLI	23	10
>TP53-A189TGLAPPQHLIR'	5	>TP53-A189TGLTPPQHLIR'	6	1
>TP53-A189TGLAPPQHL	175	>TP53-A189TGLTPPQHL	1741	1566
>TP53-A189TGLAPPQHLI	76	>TP53-A189TGLTPPQHLI	1066	990
>TP53-A189TGLAPPQHLIR'	9	>TP53-A189TGLTPPQHLIR'	52	43
>TP53-A189TGLAPPQHL	5	>TP53-A189TGLTPPQHL	6	1
>TP53-A189TGLAPPQHLI	5	>TP53-A189TGLTPPQHLI	6	1
>TP53-A189TGLAPPQHLIR'	2	>TP53-A189TGLTPPQHLIR'	2	0
>TP53-A189TGLAPPQHLIR	282	>TP53-A189TGLTPPQHLIR	296	14
>TP53-A189TSDGLAPPQHI	507	>TP53-A189TSDGLTPPQHL	463	44
>TP53-A189TSDGLAPPQHI	104	>TP53-A189TSDGLTPPQHL	67	37
>TP53-A189TCSDSGLA	178	>TP53-A189TCSDSGLT	697	519
>TP53-A189\APPQHLIRV	1104	>TP53-A189\VPPQHLIRV	473	631
>TP53-A189\LAPPQHLIRV	395	>TP53-A189\LVPPQHLIRV	157	238
>TP53-A189\LAPPQHLIRV	577	>TP53-A189\LVPPQHLIRV	127	450
>TP53-A189\LAPPQHLI	3219	>TP53-A189\LVPPQHLI	254	2965
>TP53-A189\LAPPQHLIRV	52	>TP53-A189\LVPPQHLIRV	8	44
>TP53-A189\LAPPQHLI	898	>TP53-A189\LVPPQHLI	176	722
>TP53-A189\LAPPQHLI	5	>TP53-A189\LVPPQHLI	4	1
>TP53-A189\LAPPQHLIRV	28	>TP53-A189\LVPPQHLIRV	160	132
>TP53-A189\LAPPQHLIR	504	>TP53-A189\LVPPQHLIR	307	197
>TP53-A189\LAPPQHLI	70	>TP53-A189\LVPPQHLI	342	272
>TP53-A189\HERCSDSDGL	1489	>TP53-A189\HERCSDSDGL	42	1447
>TP53-A189\GLAPPQHL	285	>TP53-A189\GLVPPQHL	1068	783
>TP53-A189\GLAPPQHLI	65	>TP53-A189\GLVPPQHLI	222	157
>TP53-A189\GLAPPQHLIR'	20	>TP53-A189\GLVPPQHLIR'	49	29
>TP53-A189\GLAPPQHL	22	>TP53-A189\GLVPPQHL	95	73
>TP53-A189\GLAPPQHLI	15	>TP53-A189\GLVPPQHLI	55	40
>TP53-A189\GLAPPQHLIR'	9	>TP53-A189\GLVPPQHLIR'	31	22
>TP53-A189\GLAPPQHL	61	>TP53-A189\GLVPPQHL	220	159
>TP53-A189\GLAPPQHLI	31	>TP53-A189\GLVPPQHLI	100	69
>TP53-A189\GLAPPQHLIR'	7	>TP53-A189\GLVPPQHLIR'	16	9
>TP53-A189\GLAPPQHLIR'	44	>TP53-A189\GLVPPQHLIR'	45	1
>TP53-A189\GLAPPQHL	16	>TP53-A189\GLVPPQHL	21	5
>TP53-A189\GLAPPQHLI	13	>TP53-A189\GLVPPQHLI	16	3
>TP53-A189\GLAPPQHLIR'	3	>TP53-A189\GLVPPQHLIR'	3	0

>TP53-A189\ GLAPPQHL	26	>TP53-A189\ GLVPPQHL	25	1
>TP53-A189\ GLAPPQHLI	22	>TP53-A189\ GLVPPQHLI	19	3
>TP53-A189\ GLAPPQHLIR'	7	>TP53-A189\ GLVPPQHLIR'	7	0
>TP53-A189\ GLAPPQHL	11	>TP53-A189\ GLVPPQHL	33	22
>TP53-A189\ GLAPPQHLI	13	>TP53-A189\ GLVPPQHLI	40	27
>TP53-A189\ GLAPPQHLIR'	5	>TP53-A189\ GLVPPQHLIR'	8	3
>TP53-A189\ GLAPPQHL	175	>TP53-A189\ GLVPPQHL	2343	2168
>TP53-A189\ GLAPPQHLI	76	>TP53-A189\ GLVPPQHLI	1291	1215
>TP53-A189\ GLAPPQHLIR'	9	>TP53-A189\ GLVPPQHLIR'	71	62
>TP53-A189\ GLAPPQHL	5	>TP53-A189\ GLVPPQHL	8	3
>TP53-A189\ GLAPPQHLI	5	>TP53-A189\ GLVPPQHLI	8	3
>TP53-A189\ GLAPPQHLIR'	2	>TP53-A189\ GLVPPQHLIR'	2	0
>TP53-A189\ GLAPPQHLIR	282	>TP53-A189\ GLVPPQHLIR	341	59
>TP53-A189\ SDGLAPPQHI	507	>TP53-A189\ SDGLVPPQHI	323	184
>TP53-A189\ SDGLAPPQHI	104	>TP53-A189\ SDGLVPPQHI	143	39
>TP53-A189\ CSDSDGLA	178	>TP53-A189\ CSDSDGLV	68	110
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>TP53-A276F RVCACPGR	367	>TP53-A276F RVCPCPGR	309	58
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>TP53-A276F RVCACPGR	481	>TP53-A276F RVCPCPGR	932	451
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>TP53-A276S RVCACPGRDI	109	>TP53-A276S RVCSCPGRDI	162	53
>TP53-A276S EVRVCACPGF	673	>TP53-A276S EVRVCSCPGR	307	366
>TP53-A276S EVRVCACPGF	329	>TP53-A276S EVRVCSCPGR	398	69
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>TP53-A276T CACPGRDRR	921	>TP53-A276T CTCPGRDRR	306	615
>TP53-A276T CACPGRDRR	545	>TP53-A276T CTCPGRDRR	292	253
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>TP53-A276T CACPGRDRR	132	>TP53-A276T CTCPGRDRR	51	81
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>TP53-A276T RVCACPGRDI	435	>TP53-A276T RVCTCPGRDI	624	189
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>TP53-A307\ RALPNNTSSS	1092	>TP53-A307\ RSLPNNTSSS	389	703
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>TP53-A307\ RALPNNTSSS	1169	>TP53-A307\ RSLPNNTSSS	179	990
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>TP53-A307\ STKRALPN	100	>TP53-A307\ STKRSLPN	66	34
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>TP53-A307S LPPGSTKRA	99	>TP53-A307S LPPGSTKRS	2819	2720
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>TP53-A307I ELPPGSTKRA	98	>TP53-A307I ELPPGSTKRRT	1233	1135
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>TP53-A307\ HELPPGSTKR	5021	>TP53-A307\ HELPPGSTKR	299	4722
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>TP53-A307\ STKRALPN	100	>TP53-A307\ STKRVLPN	184	84
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>TP53-A307\ ELPPGSTKRA	3168	>TP53-A307\ ELPPGSTKRIV	56	3112
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>TP53-A307\ ELPPGSTKRA	151	>TP53-A307\ ELPPGSTKRV	162	11
>TP53-A347C ALELKDAQA	144	>TP53-A347C GLELKDAQA	360	216
>TP53-A347C EALELKDAQA	161	>TP53-A347C EGLELKDAQA	4630	4469
>TP53-A347C NEALELKDA	240	>TP53-A347C NEGLELKDA	1132	892
>TP53-A347C NEALELKDA	288	>TP53-A347C NEGLELKDA	414	126
>TP53-A347C NEALELKDAC	461	>TP53-A347C NEGLELKDAC	655	194
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>TP53-A347C ELNEALEL	410	>TP53-A347C ELNEGLEL	362	48
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>TP53-A347C ELNEALEL	264	>TP53-A347C ELNEGLEL	208	56
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>TP53-A347C ELNEALELKD,	603	>TP53-A347C ELNEGLELKD,	324	279
>TP53-A347C ELNEALELK	33	>TP53-A347C ELNEGLELK	77	44
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>TP53-A347C RELNEALEL	390	>TP53-A347C RELNEGLEL	201	189
>TP53-A347C RELNEALEL	14	>TP53-A347C RELNEGLEL	15	1
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>TP53-A347C FRELNEALEL	379	>TP53-A347C FRELNEGLEL	300	79
>TP53-A347C FRELNEAL	31	>TP53-A347C FRELNEGL	486	455
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>TP53-A347C FRELNEALEL	471	>TP53-A347C FRELNEGLEL	427	44
>TP53-A347C MFRELNEALE	200	>TP53-A347C MFRELNEGLE	284	84
>TP53-A347C MFRELNEA	62	>TP53-A347C MFRELNEG	919	857
>TP53-A347C MFRELNEALE	217	>TP53-A347C MFRELNEGLE	263	46
>TP53-A347C MFRELNEAL	152	>TP53-A347C MFRELNEGL	254	102
>TP53-A347C MFRELNEALE	467	>TP53-A347C MFRELNEGLE	580	113
>TP53-A347C EMFRELNEA	133	>TP53-A347C EMFRELNEG	4673	4540
>TP53-A347C EMFRELNEAL	89	>TP53-A347C EMFRELNEGI	98	9
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>TP53-A347C EMFRELNEAL	169	>TP53-A347C EMFRELNEGI	174	5
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>TP53-A347C EMFRELNEAL	72	>TP53-A347C EMFRELNEGI	41	31

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>TP53-A347C FEMFRELNEA	301	>TP53-A347C FEMFRELNEC	311	10
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>TP53-A347C FEMFRELNEA	253	>TP53-A347C FEMFRELNEC	1169	916
>TP53-A347C FEMFRELNEA	94	>TP53-A347C FEMFRELNEC	1058	964
>TP53-A347C FEMFRELNEA	18	>TP53-A347C FEMFRELNEC	26	8
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>TP53-A347C FEMFRELNEA	29	>TP53-A347C FEMFRELNEC	26	3
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>TP53-A347I EALELKDAQA	3912	>TP53-A347I ETLELKDAQA	375	3537
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>TP53-A347I EALELKDAQA	161	>TP53-A347I ETLELKDAQA	40	121
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>TP53-A347I NEALELKDA	288	>TP53-A347I NETLELKDA	675	387
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>TP53-A347I RELNEALEL	390	>TP53-A347I RELNETLEL	275	115
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>TP53-A347I FRELNEALEL	379	>TP53-A347I FRELNETLEL	302	77
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>TP53-A347I MFRELNEAL	851	>TP53-A347I MFRELNETL	350	501
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>TP53-A347I MFRELNEA	62	>TP53-A347I MFRELNET	1642	1580
>TP53-A347I MFRELNEALE	217	>TP53-A347I MFRELNETLE	133	84
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>TP53-A3641RAHSSHLKSK	4	>TP53-A3641RTHSSHLKSK	3	1
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>TP53-A63T- EAPRMPEAA	215	>TP53-A63T- ETPRMPEAA	23	192
>TP53-A63T- DEAPRMPE	449	>TP53-A63T- DETPRMPE	755	306
>TP53-A63T- DEAPRMPEA	493	>TP53-A63T- DETPRMPEA	942	449
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>TP53-A69G- EAAPRVAPAF	96	>TP53-A69G- EGAPRVAPAF	4583	4487
>TP53-A69G- MPEAAPRV	23	>TP53-A69G- MPEGAPRV	78	55
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>TP53-A69G- MPEAAPRVA	258	>TP53-A69G- MPEGAPRVA	278	20
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>TP53-A74V- APAPAAPTPA	27	>TP53-A74V- VPAPAAPTPA	40	13
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>TP53-A74V- APAPAAPTPA	203	>TP53-A74V- VPAPAAPTPA	69	134
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>TP53-A74V- APAPAAPTPA	376	>TP53-A74V- VPAPAAPTPA	40	336
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>TP53-A74V- VAPAPAAPTF	3077	>TP53-A74V- VVPAPAAPTF	399	2678
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>TP53-A74V- RVAPAPAA	432	>TP53-A74V- RVVPAPAA	2949	2517
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>TP53-A74V- PEAAPRVAP/	591	>TP53-A74V- PEAAPRVVPA/	461	130
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>TP53-A74V- MPEAAPRVA	177	>TP53-A74V- MPEAAPRVV	71	106
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>TP53-A74V- MPEAAPRVA	15	>TP53-A74V- MPEAAPRVV	59	44
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>TP53-A74V- RMPEAAPRV	1904	>TP53-A74V- RMPEAAPRV	268	1636
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>TP53-A74V- RMPEAAPRV	39	>TP53-A74V- RMPEAAPRV	3	36
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>TP53-A74V- RMPEAAPRV	356	>TP53-A74V- RMPEAAPRV	13	343
>TP53-A74V- RMPEAAPRV	2536	>TP53-A74V- RMPEAAPRV	36	2500
>TP53-A74V- RMPEAAPRV	318	>TP53-A74V- RMPEAAPRV	11	307
>TP53-A74V- RMPEAAPRV	8777	>TP53-A74V- RMPEAAPRV	467	8310
>TP53-A76V- APAAPTPA	26	>TP53-A76V- VPAAPTPA	41	15
>TP53-A76V- APAAPTPAA	28	>TP53-A76V- VPAAPTPAA	36	8
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>TP53-A76V- APAAPTPA	925	>TP53-A76V- VPAAPTPA	293	632
>TP53-A76V- APAAPTPAA	276	>TP53-A76V- VPAAPTPAA	94	182
>TP53-A76V- APAAPTPAAF	576	>TP53-A76V- VPAAPTPAAF	183	393
>TP53-A76V- APAAPTPA	66	>TP53-A76V- VPAAPTPA	14	52
>TP53-A76V- APAAPTPAA	25	>TP53-A76V- VPAAPTPAA	9	16
>TP53-A76V- APAAPTPAAF	33	>TP53-A76V- VPAAPTPAAF	10	23
>TP53-A76V- MPEAAPRVA	65	>TP53-A76V- MPEAAPRVA	32	33
>TP53-A76V- MPEAAPRVA	76	>TP53-A76V- MPEAAPRVA	112	36
>TP53-A76V- MPEAAPRVA	6256	>TP53-A76V- MPEAAPRVA	263	5993
>TP53-A76V- MPEAAPRVA	10	>TP53-A76V- MPEAAPRVA	23	13
>TP53-A76V- APAPAAPT	45	>TP53-A76V- APVPAAPT	168	123
>TP53-A76V- APAPAAPTP/	238	>TP53-A76V- APVPAAPT/	461	223
>TP53-A76V- APAPAAPTP/	27	>TP53-A76V- APVPAAPT/	67	40
>TP53-A76V- APAPAAPT	458	>TP53-A76V- APVPAAPT	449	9
>TP53-A76V- APAPAAPTP/	203	>TP53-A76V- APVPAAPT/	172	31
>TP53-A76V- APAPAAPTP/	376	>TP53-A76V- APVPAAPT/	165	211
>TP53-A76V- APAPAAPTP/	46	>TP53-A76V- APVPAAPT/	30	16

>TP53-A76V- VAPAPAAPT	125	>TP53-A76V- VAPVPAAPT	372	247
>TP53-A76V- VAPAPAAPTF	412	>TP53-A76V- VAPVPAAPTf	987	575
>TP53-A76V- VAPAPAAPTF	498	>TP53-A76V- VAPVPAAPTf	1058	560
>TP53-A76V- RVAPAPAA	259	>TP53-A76V- RVAPVPAA	97	162
>TP53-A76V- RVAPAPAA	79	>TP53-A76V- RVAPVPAA	57	22
>TP53-A76V- RVAPAPAA	2346	>TP53-A76V- RVAPVPAA	430	1916
>TP53-A76V- RVAPAPAA	77	>TP53-A76V- RVAPVPAA	155	78
>TP53-A76V- RVAPAPAA	432	>TP53-A76V- RVAPVPAA	965	533
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>TP53-A76V- AAPRVAPA	2638	>TP53-A76V- AAPRVAPV	412	2226
>TP53-A76V- AAPRVAPA	1931	>TP53-A76V- AAPRVAPV	140	1791
>TP53-A76V- AAPRVAPA	8708	>TP53-A76V- AAPRVAPV	283	8425
>TP53-A76V- AAPRVAPA	12904	>TP53-A76V- AAPRVAPV	239	12665
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>TP53-A76V- EAAPRVAPA	1849	>TP53-A76V- EAAPRVAPV	228	1621
>TP53-A76V- EAAPRVAPA	3492	>TP53-A76V- EAAPRVAPV	343	3149
>TP53-A76V- EAAPRVAPA	8	>TP53-A76V- EAAPRVAPV	4	4
>TP53-A76V- EAAPRVAPAF	9	>TP53-A76V- EAAPRVAPVF	9	0
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>TP53-A76V- EAAPRVAPAF	96	>TP53-A76V- EAAPRVAPVF	147	51
>TP53-A76V- PEAAPRVAP/	1052	>TP53-A76V- PEAAPRVAPV	463	589
>TP53-A78V- AAPTAAAPA	298	>TP53-A78V- VAPTPAAPA	115	183
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>TP53-A78V- EAAPRVAPAF	9	>TP53-A78V- EAAPRVAPAF	4	5
>TP53-A78V- EAAPRVAPAF	96	>TP53-A78V- EAAPRVAPAF	6	90
>TP53-A78V- APAAPTPA	26	>TP53-A78V- APVAPTPA	58	32
>TP53-A78V- APAAPTPAA	28	>TP53-A78V- APVAPTPAA	45	17
>TP53-A78V- APAAPTPAAF	18	>TP53-A78V- APVAPTPAAF	28	10
>TP53-A78V- APAAPTPAA	276	>TP53-A78V- APVAPTPAA	218	58
>TP53-A78V- APAAPTPAAF	576	>TP53-A78V- APVAPTPAAF	448	128
>TP53-A78V- APAAPTPA	66	>TP53-A78V- APVAPTPA	35	31
>TP53-A78V- APAAPTPAA	25	>TP53-A78V- APVAPTPAA	17	8
>TP53-A78V- APAAPTPAAF	33	>TP53-A78V- APVAPTPAAF	21	12
>TP53-A78V- APAPAAPT	45	>TP53-A78V- APAPVAPT	85	40
>TP53-A78V- APAPAAPTP/	238	>TP53-A78V- APAPVAPTP/	284	46
>TP53-A78V- APAPAAPTP/	27	>TP53-A78V- APAPVAPTP/	38	11
>TP53-A78V- APAPAAPT	458	>TP53-A78V- APAPVAPT	651	193
>TP53-A78V- APAPAAPTP/	203	>TP53-A78V- APAPVAPTP/	278	75
>TP53-A78V- APAPAAPTP/	376	>TP53-A78V- APAPVAPTP/	202	174
>TP53-A78V- APAPAAPTP/	46	>TP53-A78V- APAPVAPTP/	43	3

>TP53-A78V- VAPAPAAPT	125	>TP53-A78V- VAPAPVAPT	62	63
>TP53-A78V- VAPAPAAPTF	412	>TP53-A78V- VAPAPVAPTF	343	69
>TP53-A78V- VAPAPAAPTF	498	>TP53-A78V- VAPAPVAPTF	408	90
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>TP53-A79V- APAAPTPA	26	>TP53-A79V- APAVPTPA	36	10
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>TP53-A79V- APAAPTPAAF	18	>TP53-A79V- APAVPTPAAF	19	1
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>TP53-A79V- APAPAAPTP/	238	>TP53-A79V- APAPAVPTP/	212	26
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>TP53-A83E- PAAPAPAPSV	188	>TP53-A83E- PEAPAPAPSV	12562	12374
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>TP53-A83E- APTPAAPA	122	>TP53-A83E- APTPEAPA	461	339
>TP53-A83E- APTPAAPAPA	157	>TP53-A83E- APTPEAPAPA	513	356
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>TP53-A83E- APAAPTAA	276	>TP53-A83E- APAAPTPEA	1600	1324
>TP53-A83E- APAAPTPA	66	>TP53-A83E- APAAPTPE	5064	4998
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>TP53-A83E- APAPAAPTPA	46	>TP53-A83E- APAPAAPTPE	270	224
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>TP53-A84G- AAPAPAPSW	136	>TP53-A84G- AGPAPAPSW	1795	1659
>TP53-A84G- AAPAPAPSW	380	>TP53-A84G- AGPAPAPSW	5728	5348
>TP53-A84G- AAPAPAPSW	62	>TP53-A84G- AGPAPAPSW	1731	1669
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>TP53-A84G- AAPAPAPSW	4	>TP53-A84G- AGPAPAPSW	14	10
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>TP53-A84G- PAAPAPAPSV	123	>TP53-A84G- PAGPAPAPSV	684	561
>TP53-A84G- PAAPAPAPSV	188	>TP53-A84G- PAGPAPAPSV	493	305
>TP53-A84G- PAAPAPAPSV	256	>TP53-A84G- PAGPAPAPSV	1286	1030
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>TP53-A84G- TPAAPAPA	352	>TP53-A84G- TPAGPAPA	434	82
>TP53-A84G- TPAAPAPAPS	437	>TP53-A84G- TPAGPAPAPS	538	101
>TP53-A84G- TPAAPAPAPS	33	>TP53-A84G- TPAGPAPAPS	38	5
>TP53-A84G- TPAAPAPA	25	>TP53-A84G- TPAGPAPA	26	1
>TP53-A84G- TPAAPAPAPS	16	>TP53-A84G- TPAGPAPAPS	17	1
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>TP53-A84G- APTPAAPA	74	>TP53-A84G- APTPAGPA	45	29
>TP53-A84G- APTPAAPAPA	433	>TP53-A84G- APTPAGPAPA	236	197
>TP53-A84G- APTPAAPA	122	>TP53-A84G- APTPAGPA	122	0
>TP53-A84G- APTPAAPAPA	157	>TP53-A84G- APTPAGPAPA	145	12
>TP53-A84G- AAPTAAAPA	298	>TP53-A84G- AAPTAAAGPA	3625	3327
>TP53-A84G- APAAPTAA	28	>TP53-A84G- APAAPTAAAG	413	385
>TP53-A84G- APAAPTAAAF	18	>TP53-A84G- APAAPTAAAGF	14	4

>TP53-A84G- APAAPTPAA	276	>TP53-A84G- APAAPTPAG	632	356
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>TP53-A84G- APAAPTPAAF	33	>TP53-A84G- APAAPTPAGF	47	14
>TP53-A84V- APAPAPSW	91	>TP53-A84V- VPAPAPSW	189	98
>TP53-A84V- APAPAPSWP	73	>TP53-A84V- VPAPAPSWP	119	46
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>TP53-A84V- APAPAPSW	20	>TP53-A84V- VPAPAPSW	16	4
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>TP53-A84V- AAPAPAPSW	4	>TP53-A84V- AVPAPAPSW	10	6
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>TP53-A84V- APAPAAPTPA	27	>TP53-A84V- APAPAAPTPA	24	3
>TP53-A84V- APAPAAPTPA	203	>TP53-A84V- APAPAAPTPA	470	267
>TP53-A84V- APAPAAPTPA	46	>TP53-A84V- APAPAAPTPA	230	184
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>TP53-A84V- PAAPAPAPSV	188	>TP53-A84V- PAVPAPAPSV	191	3
>TP53-A84V- PAAPAPAPSV	256	>TP53-A84V- PAVPAPAPSV	344	88
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>TP53-A84V- TPAAPAPA	352	>TP53-A84V- TPAVPAPA	719	367
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>TP53-A84V- TPAAPAPAPS	16	>TP53-A84V- TPAVPAPAPS	15	1
>TP53-A84V- PTPAAPAPA	786	>TP53-A84V- PTPAVPAPA	206	580
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>TP53-A84V- APTPAAPA	74	>TP53-A84V- APTPAVPA	114	40
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>TP53-C124F GTAKSVTCTY	71	>TP53-C124F GTAKSVTRTY	154	83
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>TP53-C124F GTAKSVTC	11243	>TP53-C124F GTAKSVTR	134	11109
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>TP53-C124YCTYSPALNKM	76	>TP53-C124YTYTYPALNKM	18	58
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>TP53-C124YAKSVTCTY	336	>TP53-C124YAKSVTYTY	162	174
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>TP53-C124YGTAKSVTC	25188	>TP53-C124YGTAKSVTY	172	25016
>TP53-C124YGTAKSVTCTY	122	>TP53-C124YGTAKSVTYTY	40	82



>TP53-C124YGTAKSVTC	29950	>TP53-C124YGTAKSVTY	160	29790
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>TP53-C124YGTAKSVTCTY	39	>TP53-C124YGTAKSVTYTY	58	19
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>TP53-C124YSGTAKSVTC	22828	>TP53-C124YSGTAKSVTY	481	22347
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>TP53-C124YHSGTAKSVTC	35277	>TP53-C124YHSGTAKSVTY	351	34926
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>TP53-C124YHSGTAKSVTC	13766	>TP53-C124YHSGTAKSVTY	21	13745
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>TP53-C135F CQLAKTCPV	121	>TP53-C135F FQLAKTCPV	8	113
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>TP53-C135F CQLAKTCPV	565	>TP53-C135F FQLAKTCPV	16	549
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>TP53-C135F CQLAKTCPV	22	>TP53-C135F FQLAKTCPV	3	19
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>TP53-C135F YSPALNKMFC	22	>TP53-C135F YSPALNKMFF	3	19
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>TP53-C135C SPALNKMFCQ	432	>TP53-C135C SPALNKMFGQ	183	249
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>TP53-C135FALNKMFCQL	238	>TP53-C135FALNKMFRQL	2607	2369
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>TP53-C135VCQLAKTCPVC	231	>TP53-C135VWQLAKTCPV	19	212
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>TP53-C135VMFCQLAKTCI	7918	>TP53-C135VMFWQLAKTC	402	7516
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>TP53-C141S MFCQLAKTC	450	>TP53-C141S MFCQLAKTS	1460	1010
>TP53-C141S KMFCQLAKTC	23	>TP53-C141S KMFCQLAKTS	230	207
>TP53-C141S KMFCQLAKTC	61	>TP53-C141S KMFCQLAKTS	690	629
>TP53-C141S KMFCQLAKTC	81	>TP53-C141S KMFCQLAKTS	262	181
>TP53-C141S KMFCQLAKTC	491	>TP53-C141S KMFCQLAKTS	499	8
>TP53-C141S KMFCQLAKTC	802	>TP53-C141S KMFCQLAKTS	300	502
>TP53-C141V CPVQLWVDS	841	>TP53-C141V WPVQLWVD	106	735
>TP53-C141V CPVQLWVDS	681	>TP53-C141V WPVQLWVD	82	599
>TP53-C141V CPVQLWVD	706	>TP53-C141V WPVQLWVD	441	265
>TP53-C141V CPVQLWVDS	675	>TP53-C141V WPVQLWVD	439	236
>TP53-C141V CPVQLWVDS	635	>TP53-C141V WPVQLWVD	453	182
>TP53-C141V TCPVQLWVD	38151	>TP53-C141V TWPVQLWVI	241	37910
>TP53-C141V NKMFCQLAK	4154	>TP53-C141V NKMFCQLAK	473	3681
>TP53-C141V KTCPVQLWV	575	>TP53-C141V KTWPVQLWV	20	555
>TP53-C141V KTCPVQLWV	923	>TP53-C141V KTWPVQLWV	299	624
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>TP53-C141V KTCPVQLWV	338	>TP53-C141V KTWPVQLWV	9	329
>TP53-C141V KTCPVQLWV	202	>TP53-C141V KTWPVQLWV	22	180
>TP53-C141V KTCPVQLWV	224	>TP53-C141V KTWPVQLWV	314	90
>TP53-C141V KTCPVQLWV	2535	>TP53-C141V KTWPVQLWV	445	2090
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>TP53-C141VKTCPVQLWV	1821	>TP53-C141VKTWPVQLW\	217	1604
>TP53-C141VKTCPVQLWV	1487	>TP53-C141VKTWPVQLW\	398	1089
>TP53-C141VKTCPVQLWV	7602	>TP53-C141VKTWPVQLW\	230	7372
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>TP53-C141VKTCPVQLWV	118	>TP53-C141VKTWPVQLW\	33	85
>TP53-C141VKTCPVQLW	34	>TP53-C141VKTWPVQLW	29	5
>TP53-C141VKTCPVQLWV	4438	>TP53-C141VKTWPVQLW\	245	4193
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>TP53-C141VKTCPVQLWV	254	>TP53-C141VKTWPVQLW\	143	111
>TP53-C141VKTCPVQLWV	272	>TP53-C141VKTWPVQLW\	104	168
>TP53-C141VAKTCPVQLW	4125	>TP53-C141VAKTWPVQLW	490	3635
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>TP53-C141VLAKTCPVQLW	482	>TP53-C141VLAKTWPVQL\	131	351
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>TP53-C141VLAKTCPVQLW	689	>TP53-C141VLAKTWPVQL\	396	293
>TP53-C141VQLAKTCPV	58	>TP53-C141VQLAKTWPV	19	39
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>TP53-C141VQLAKTCPVQL	315	>TP53-C141VQLAKTWPVQ	295	20
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>TP53-C141VCQLAKTCPVC	1090	>TP53-C141VCQLAKTWPV	269	821
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>TP53-C141V CQLAKTCPVC	463	>TP53-C141V CQLAKTWPV	143	320
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>TP53-C141V CQLAKTCPV	457	>TP53-C141V CQLAKTWPV	82	375
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>TP53-C141Y CPVQLWVD	3557	>TP53-C141Y YPVQLWVD	433	3124
>TP53-C141Y CPVQLWVDS	841	>TP53-C141Y YPVQLWVDS	74	767
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>TP53-C141Y KTCPVQLWV	575	>TP53-C141Y KTYPVQLWV	39	536
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>TP53-C141YKTCPVQLWV	338	>TP53-C141YKTYPVQLWV	11	327
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>TP53-C141YKTCPVQLWV	224	>TP53-C141YKTYPVQLWV	68	156
>TP53-C141YKTCPVQLW	165	>TP53-C141YKTYPVQLW	24	141
>TP53-C141YKTCPVQLWV	1821	>TP53-C141YKTYPVQLWV	249	1572
>TP53-C141YKTCPVQLWV	1487	>TP53-C141YKTYPVQLWV	212	1275
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>TP53-C141YKTCPVQLW	34	>TP53-C141YKTYPVQLW	29	5
>TP53-C141YKTCPVQLWV	4438	>TP53-C141YKTYPVQLWV	374	4064
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>TP53-C141YKTCPVQLWV	272	>TP53-C141YKTYPVQLWV	118	154
>TP53-C141YAKTCPVQL	41	>TP53-C141YAKTYPVQL	37	4
>TP53-C141YAKTCPVQLW	192	>TP53-C141YAKTYPVQLW	191	1
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>TP53-C141YLAKTCPVQL	3437	>TP53-C141YLAKTYPVQL	339	3098
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>TP53-C141YQLAKTCPV	10	>TP53-C141YQLAKTYPV	7	3
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>TP53-C141YQLAKTCPV	3	>TP53-C141YQLAKTYPV	3	0
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>TP53-C141YQLAKTCPVQL	343	>TP53-C141YQLAKTYPVQL	148	195
>TP53-C141Y CQLAKTCPV	121	>TP53-C141Y CQLAKTYPV	19	102
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>TP53-C141Y CQLAKTCPV	457	>TP53-C141Y CQLAKTYPV	872	415
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>TP53-C176F CPHHERCSDS	7280	>TP53-C176F FPHHERCSDS	289	6991
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>TP53-C176F SQHMTEVVR	11984	>TP53-C176F SQHMTEVVR	67	11917
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>TP53-C176F RRCPPHER	405	>TP53-C176F RRFPPHER	127	278
>TP53-C176F RRCPPHER	1819	>TP53-C176F RRFPPHER	142	1677
>TP53-C176F RRCPPHER	729	>TP53-C176F RRFPPHER	24	705
>TP53-C176F RRCPPHERCS	1695	>TP53-C176F RRFPPHERCS	252	1443

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>TP53-C176F RRCPPHERC	689	>TP53-C176F RRFPPHERC	243	446
>TP53-C176F RRCPPHERCS	720	>TP53-C176F RRFPPHERCS	401	319
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>TP53-C176F RRCPPHERC	320	>TP53-C176F RRFPPHERC	98	222
>TP53-C176F RRCPPHER	87	>TP53-C176F RRFPPHER	42	45
>TP53-C176F VVRRCPHH	1099	>TP53-C176F VVRRFPHH	224	875
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>TP53-C176F EVVRRCPHH	98	>TP53-C176F EVVRRFPHH	13	85
>TP53-C176F EVVRRCPHHE	428	>TP53-C176F EVVRRFPHHE	161	267
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>TP53-C176C EVVRRCPH	1432	>TP53-C176C EVVRRGPH	448	984
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>TP53-C176C EVVRRCPHH	98	>TP53-C176C EVVRRGPHH	64	34
>TP53-C176C EVVRRCPHHE	428	>TP53-C176C EVVRRGPHHE	260	168
>TP53-C176C EVVRRCPHHE	371	>TP53-C176C EVVRRGPHHE	402	31
>TP53-C176C EVVRRCPHHE	53	>TP53-C176C EVVRRGPHHE	100	47
>TP53-C176C EVVRRCPHHE	5	>TP53-C176C EVVRRGPHHE	8	3
>TP53-C176C HMTEVRRRC	38	>TP53-C176C HMTEVRRRG	1224	1186

>TP53-C176FSQHMTEVVR	22412	>TP53-C176FSQHMTEVVR	136	22276
>TP53-C176FRRCPPHER	12026	>TP53-C176FRRRPHER	237	11789
>TP53-C176FRRCPPHER	405	>TP53-C176FRRRPHER	198	207
>TP53-C176FRRCPPHER	1819	>TP53-C176FRRRPHER	456	1363
>TP53-C176FRRCPPHER	729	>TP53-C176FRRRPHER	203	526
>TP53-C176FRRCPPHER	102	>TP53-C176FRRRPHER	52	50
>TP53-C176FRRCPPHERC	689	>TP53-C176FRRRPHERC	123	566
>TP53-C176FRRCPPHERCS	720	>TP53-C176FRRRPHERCS	145	575
>TP53-C176FRRCPPHERCS	2302	>TP53-C176FRRRPHERCS	496	1806
>TP53-C176FRRCPPHER	312	>TP53-C176FRRRPHER	517	205
>TP53-C176FRRCPPHERC	320	>TP53-C176FRRRPHERC	266	54
>TP53-C176FRRCPPHERCS	717	>TP53-C176FRRRPHERCS	242	475
>TP53-C176FRRCPPHER	87	>TP53-C176FRRRPHER	296	209
>TP53-C176FVRRCPHH	1099	>TP53-C176FVRRRRPHH	173	926
>TP53-C176FVRRCPHHEF	145	>TP53-C176FVRRRRPHHEF	44	101
>TP53-C176FVRRCPHHEF	63	>TP53-C176FVRRRRPHHEF	78	15
>TP53-C176FEVRRCPH	400	>TP53-C176FEVRRRRPH	205	195
>TP53-C176FEVRRCPHH	98	>TP53-C176FEVRRRRPHH	63	35
>TP53-C176FEVRRCPHHE	428	>TP53-C176FEVRRRRPHHE	438	10
>TP53-C176FEVRRCPHHE	371	>TP53-C176FEVRRRRPHHE	133	238
>TP53-C176FEVRRCPHHE	53	>TP53-C176FEVRRRRPHHE	39	14
>TP53-C176FEVRRCPHHE	5	>TP53-C176FEVRRRRPHHE	5	0
>TP53-C176FMTEVVRR	20132	>TP53-C176FMTEVVRRR	37	20095
>TP53-C176FMTEVVRR	34449	>TP53-C176FMTEVVRRR	215	34234
>TP53-C176FMTEVVRR	26713	>TP53-C176FMTEVVRRR	10	26703
>TP53-C176FHMTEVVRR	38	>TP53-C176FHMTEVVRRR	5644	5606
>TP53-C176FHMTEVVRR	17090	>TP53-C176FHMTEVVRRR	62	17028
>TP53-C176FHMTEVVRR	32954	>TP53-C176FHMTEVVRRR	68	32886
>TP53-C176FHMTEVVRR	37888	>TP53-C176FHMTEVVRRR	60	37828
>TP53-C176FHMTEVVRR	37134	>TP53-C176FHMTEVVRRR	320	36814
>TP53-C176SRRCPHER	405	>TP53-C176SRRSPHER	768	363
>TP53-C176SRRCPHER	729	>TP53-C176SRRSPHER	165	564
>TP53-C176SRRCPHER	102	>TP53-C176SRRSPHER	282	180
>TP53-C176SRRCPHERC	689	>TP53-C176SRRSPHERC	494	195
>TP53-C176SRRCPHER	312	>TP53-C176SRRSPHER	1086	774
>TP53-C176SRRCPHERC	320	>TP53-C176SRRSPHERC	338	18
>TP53-C176SRRCPHER	87	>TP53-C176SRRSPHER	154	67
>TP53-C176SVRRCPHH	1099	>TP53-C176SVRRRSPHH	159	940
>TP53-C176SVRRCPHHEF	145	>TP53-C176SVRRRSPHHEF	46	99
>TP53-C176SVRRCPHHEF	63	>TP53-C176SVRRRSPHHEF	162	99
>TP53-C176SEVRRCPH	1432	>TP53-C176SEVRRRSPH	430	1002
>TP53-C176SEVRRCPH	400	>TP53-C176SEVRRRSPH	99	301
>TP53-C176SEVRRCPHH	98	>TP53-C176SEVRRRSPHH	67	31

>TP53-C176S EVVRRCPHHE	428	>TP53-C176S EVVRRSPHHE	327	101
>TP53-C176S EVVRRCPHHE	371	>TP53-C176S EVVRRSPHHE	296	75
>TP53-C176S EVVRRCPHHE	53	>TP53-C176S EVVRRSPHHE	73	20
>TP53-C176S EVVRRCPHHE	5	>TP53-C176S EVVRRSPHHE	5	0
>TP53-C176S HMTEVVRRC	38	>TP53-C176S HMTEVVRRS	535	497
>TP53-C176V RRCPPHER	405	>TP53-C176V RRWPHHER	68	337
>TP53-C176V RRCPPHER	1819	>TP53-C176V RRWPHHER	246	1573
>TP53-C176V RRCPPHER	729	>TP53-C176V RRWPHHER	16	713
>TP53-C176V RRCPPHERC	10365	>TP53-C176V RRWPHHERC	298	10067
>TP53-C176V RRCPPHERCS	1695	>TP53-C176V RRWPHHERC	235	1460
>TP53-C176V RRCPPHERCS	10165	>TP53-C176V RRWPHHERC	369	9796
>TP53-C176V RRCPPHER	102	>TP53-C176V RRWPHHER	17	85
>TP53-C176V RRCPPHERC	689	>TP53-C176V RRWPHHERC	72	617
>TP53-C176V RRCPPHERCS	720	>TP53-C176V RRWPHHERC	125	595
>TP53-C176V RRCPPHERCS	2302	>TP53-C176V RRWPHHERC	243	2059
>TP53-C176V RRCPPHER	312	>TP53-C176V RRWPHHER	215	97
>TP53-C176V RRCPPHERC	320	>TP53-C176V RRWPHHERC	39	281
>TP53-C176V RRCPPHERCS	717	>TP53-C176V RRWPHHERC	232	485
>TP53-C176V RRCPPHERCS	3791	>TP53-C176V RRWPHHERC	492	3299
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>TP53-C176V VVRRCPHH	1099	>TP53-C176V VVRRWPHH	277	822
>TP53-C176V VVRRCPHHE	145	>TP53-C176V VVRRWPHHE	132	13
>TP53-C176V VVRRCPHHE	63	>TP53-C176V VVRRWPHHE	53	10
>TP53-C176V EVVRRCPH	1432	>TP53-C176V EVVRRWPH	475	957
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>TP53-C176V EVVRRCPHH	98	>TP53-C176V EVVRRWPHH	23	75
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>TP53-C176V EVVRRCPHHE	53	>TP53-C176V EVVRRWPHH	36	17
>TP53-C176V EVVRRCPHHE	5	>TP53-C176V EVVRRWPHH	6	1
>TP53-C176V EVVRRCPHHE	1019	>TP53-C176V EVVRRWPHH	466	553
>TP53-C176V TEVVRRCPH	2407	>TP53-C176V TEVVRRWPH	73	2334
>TP53-C176V MTEVVRRC	15372	>TP53-C176V MTEVVRRW	11	15361
>TP53-C176V MTEVVRRC	22097	>TP53-C176V MTEVVRRW	55	22042
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>TP53-C176V MTEVVRRC	29902	>TP53-C176V MTEVVRRW	258	29644
>TP53-C176V HMTEVVRRC	38	>TP53-C176V HMTEVVRRW	4890	4852
>TP53-C176V HMTEVVRRC	25498	>TP53-C176V HMTEVVRRW	371	25127
>TP53-C176V HMTEVVRRC	23218	>TP53-C176V HMTEVVRRW	98	23120
>TP53-C176V HMTEVVRRC	21388	>TP53-C176V HMTEVVRRW	35	21353
>TP53-C176Y RCPHHERC	20089	>TP53-C176Y RYPHHERC	288	19801
>TP53-C176YSQHMTEVVRR	32798	>TP53-C176YSQHMTEVVRR	431	32367
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>TP53-C176YSQHMTEVVR	26341	>TP53-C176YSQHMTEVVR	435	25906
>TP53-C176YSQHMTEVVR	5395	>TP53-C176YSQHMTEVVR	25	5370
>TP53-C176YRRCPPHER	405	>TP53-C176YRRCPPHER	155	250
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>TP53-C176YRRCPPHER	729	>TP53-C176YRRCPPHER	34	695
>TP53-C176YRRCPPHERCS	1695	>TP53-C176YRRCPPHERCS	228	1467
>TP53-C176YRRCPPHER	102	>TP53-C176YRRCPPHER	38	64
>TP53-C176YRRCPPHERC	689	>TP53-C176YRRCPPHERC	96	593
>TP53-C176YRRCPPHERCS	720	>TP53-C176YRRCPPHERCS	165	555
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>TP53-C176YRRCPPHER	312	>TP53-C176YRRCPPHER	286	26
>TP53-C176YRRCPPHERC	320	>TP53-C176YRRCPPHERC	63	257
>TP53-C176YRRCPPHERCS	717	>TP53-C176YRRCPPHERCS	237	480
>TP53-C176YRRCPPHER	87	>TP53-C176YRRCPPHER	48	39
>TP53-C176YVRRCPHH	1099	>TP53-C176YVRRCPHH	220	879
>TP53-C176YVRRCPHHEF	145	>TP53-C176YVRRCPHHEF	62	83
>TP53-C176YVRRCPHHEF	63	>TP53-C176YVRRCPHHEF	68	5
>TP53-C176YEVVRRCPHH	2653	>TP53-C176YEVVRRCPHH	342	2311
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>TP53-C176YEVVRRCPHH	98	>TP53-C176YEVVRRCPHH	25	73
>TP53-C176YEVVRRCPHHE	428	>TP53-C176YEVVRRCPHHE	203	225
>TP53-C176YEVVRRCPHHE	371	>TP53-C176YEVVRRCPHHE	132	239
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>TP53-C176YEVVRRCPHHE	5	>TP53-C176YEVVRRCPHHE	5	0
>TP53-C176YTEVRRCPH	2407	>TP53-C176YTEVRRCPH	165	2242
>TP53-C176YMTEVRRRC	19699	>TP53-C176YMTEVRRRC	35	19664
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>TP53-C176YHMTEVRRRC	38	>TP53-C176YHMTEVRRRC	1913	1875
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>TP53-C176YHMTEVRRRC	28841	>TP53-C176YHMTEVRRRC	240	28601
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>TP53-C176YQHMTEVRRR	15146	>TP53-C176YQHMTEVRRR	300	14846
>TP53-C182FCSDSDGLA	178	>TP53-C182FCSDSDGLA	1384	1206
>TP53-C182FRCSDSGL	23290	>TP53-C182FRCSDSGL	262	23028
>TP53-C182FVRRCPHHEF	19969	>TP53-C182FVRRCPHHEF	27	19942
>TP53-C182FVRRCPHHEF	35733	>TP53-C182FVRRCPHHEF	466	35267
>TP53-C182FHERRSDSGL	422	>TP53-C182FHERRSDSGL	501	79

>TP53-C182F HHERCSDSDC	833	>TP53-C182F HHERRSDSDC	365	468
>TP53-C182F HHERCSDSDC	126	>TP53-C182F HHERRSDSDC	230	104
>TP53-C182F RCPHHERC	34343	>TP53-C182F RCPHHERR	135	34208
>TP53-C182F RRCPPHERC	320	>TP53-C182F RRCPPHHERR	289	31
>TP53-C182F RRCPPHERC	35730	>TP53-C182F RRCPPHHERR	141	35589
>TP53-C182S CSDDSDGLA	178	>TP53-C182S SSDSDGLA	648	470
>TP53-C182S RCSDDSDGL	3743	>TP53-C182S RSSDDSDGL	7	3736
>TP53-C182S RCSDDSDGL	12085	>TP53-C182S RSSDDSDGL	270	11815
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>TP53-C182S HERCSDSDGL	422	>TP53-C182S HERSDDSDGL	510	88
>TP53-C182S HHERCSDSDC	833	>TP53-C182S HHERSSDDSDC	429	404
>TP53-C182S HHERCSDSDC	126	>TP53-C182S HHERSSDDSDC	118	8
>TP53-C182S RRCPPHERC	320	>TP53-C182S RRCPPHERS	1147	827
>TP53-C182Y CSDDSDGLA	178	>TP53-C182Y YSDSDGLA	136	42
>TP53-C182Y RCSDDSDGL	19062	>TP53-C182Y RYSDSDGL	24	19038
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>TP53-C182Y RCSDDSDGLA	30051	>TP53-C182Y RYSDSDGLA	492	29559
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>TP53-C182Y VVRRCPHHEF	24288	>TP53-C182Y VVRRCPHHEF	153	24135
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>TP53-C182Y VVRRCPHHEF	24782	>TP53-C182Y VVRRCPHHEF	213	24569
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>TP53-C182Y VVRRCPHHEF	18295	>TP53-C182Y VVRRCPHHEF	174	18121
>TP53-C182Y VVRRCPHHEF	12055	>TP53-C182Y VVRRCPHHEF	56	11999
>TP53-C182Y HERCSDSDGL	1468	>TP53-C182Y HERYSDSDGL	260	1208
>TP53-C182Y HERCSDSDGL	422	>TP53-C182Y HERYSDSDGL	255	167
>TP53-C182Y HHERCSDSDC	833	>TP53-C182Y HHERYSDSDC	447	386
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>TP53-C182Y RRCPPHERC	6899	>TP53-C182Y RRCPPHERY	225	6674
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>TP53-C182Y RRCPPHERCS	720	>TP53-C182Y RRCPPHERYS	376	344
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>TP53-C182Y RRCPPHERCS	717	>TP53-C182Y RRCPPHERYS	454	263
>TP53-C182Y VRRCPHHERC	3426	>TP53-C182Y VRRCPHHERY	71	3355
>TP53-C229C CTTIHYNM	116	>TP53-C229C GTTIHYNM	993	877
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>TP53-C229C CTTIHYNM	161	>TP53-C229C GTTIHYNM	1026	865
>TP53-C229C CTTIHYNM	207	>TP53-C229C GTTIHYNM	918	711
>TP53-C229C CTTIHYNM	35	>TP53-C229C GTTIHYNM	21	14
>TP53-C229C CTTIHYNM	130	>TP53-C229C GTTIHYNM	140	10
>TP53-C229C CTTIHYNM	355	>TP53-C229C GTTIHYNM	1374	1019
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>TP53-C229CCTTIHYNM	1487	>TP53-C229CGTTIHYNM	491	996
>TP53-C229CCTTIHYNM	11	>TP53-C229CGTTIHYNM	22	11
>TP53-C229CCTTIHYNMC	184	>TP53-C229CGTTIHYNMC	365	181
>TP53-C229CCTTIHYNM	999	>TP53-C229CGTTIHYNM	59	940
>TP53-C229CCTTIHYN	68	>TP53-C229CGTTIHYN	228	160
>TP53-C229CCTTIHYN	1459	>TP53-C229CGTTIHYN	375	1084
>TP53-C229CCTTIHYNM	405	>TP53-C229CGTTIHYNM	3083	2678
>TP53-C229CDCTTIHYN	287	>TP53-C229CDGTTIHYN	331	44
>TP53-C229CDCTTIHYN	1323	>TP53-C229CDGTTIHYN	311	1012
>TP53-C229CSDCTTIHYN	400	>TP53-C229CSDGTTIHYN	286	114
>TP53-C229CGSDCTTIH	18	>TP53-C229CGSDGTTIH	18	0
>TP53-C229CGSDCTTIHYN	34	>TP53-C229CGSDGTTIHYN	32	2
>TP53-C229CGSDCTTIH	659	>TP53-C229CGSDGTTIH	359	300
>TP53-C229CGSDCTTIHYN	174	>TP53-C229CGSDGTTIHYN	116	58
>TP53-C229CGSDCTTIHYN	582	>TP53-C229CGSDGTTIHYN	276	306
>TP53-C229CGSDCTTIH	68	>TP53-C229CGSDGTTIH	28	40
>TP53-C229CGSDCTTIHYN	99	>TP53-C229CGSDGTTIHYN	50	49
>TP53-C229CGSDCTTIHYN	247	>TP53-C229CGSDGTTIHYN	241	6
>TP53-C229CGSDCTTIH	242	>TP53-C229CGSDGTTIH	182	60
>TP53-C229CGSDCTTIHYN	97	>TP53-C229CGSDGTTIHYN	81	16
>TP53-C229CVGSDCTTIH	353	>TP53-C229CVGSDGTTIH	355	2
>TP53-C229CVGSDCTTIH	184	>TP53-C229CVGSDGTTIH	713	529
>TP53-C229CVGSDCTTIH	642	>TP53-C229CVGSDGTTIH	350	292
>TP53-C229CVGSDCTTIH	377	>TP53-C229CVGSDGTTIH	260	117
>TP53-C229CVGSDCTTIH	449	>TP53-C229CVGSDGTTIH	302	147
>TP53-C229CEVGSDCTTIH'	11	>TP53-C229CEVGSDGTTIH	8	3
>TP53-C229CEVGSDCTTIH'	75	>TP53-C229CEVGSDGTTIH	36	39
>TP53-C229CEVGSDCTTIH'	387	>TP53-C229CEVGSDGTTIH	370	17
>TP53-C229CEVGSDCTTIH'	326	>TP53-C229CEVGSDGTTIH	220	106
>TP53-C229CEVGSDCTTI	342	>TP53-C229CEVGSDGTTI	776	434
>TP53-C229FCTTIHYNM	116	>TP53-C229FRTTIHYNM	368	252
>TP53-C229FCTTIHYN	117	>TP53-C229FRTTIHYN	1632	1515
>TP53-C229FCTTIHYN	1373	>TP53-C229FRTTIHYN	206	1167
>TP53-C229FCTTIHYN	161	>TP53-C229FRTTIHYN	319	158
>TP53-C229FCTTIHYNM	207	>TP53-C229FRTTIHYNM	381	174
>TP53-C229FCTTIHYN	35	>TP53-C229FRTTIHYN	48	13
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>TP53-C229FCTTIHYN	130	>TP53-C229FRTTIHYN	69	61
>TP53-C229FCTTIHYN	5291	>TP53-C229FRTTIHYN	342	4949
>TP53-C229FCTTIHYN	355	>TP53-C229FRTTIHYN	57	298
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>TP53-C229FCTTIHYNM	1487	>TP53-C229FRTTIHYNM	10	1477
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>TP53-C229FCTTIHYNM	3499	>TP53-C229FRTTIHYNM	164	3335
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>TP53-C229FCTTIHYNM	184	>TP53-C229FRTTIHYNM	125	59
>TP53-C229FCTTIHYNM	4345	>TP53-C229FRTTIHYNM	219	4126
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>TP53-C229FCTTIHYNM	68	>TP53-C229FRTTIHYNM	191	123
>TP53-C229FCTTIHYNM	405	>TP53-C229FRTTIHYNM	435	30
>TP53-C229FDCTTIHYNM	287	>TP53-C229FRTTIHYNM	576	289
>TP53-C229FSDCTTIHYNM	400	>TP53-C229FRTTIHYNM	612	212
>TP53-C229FGSDCTTIHY	18	>TP53-C229FRTTIHYNM	12	6
>TP53-C229FGSDCTTIHYN	34	>TP53-C229FRTTIHYNM	19	15
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>TP53-C229FGSDCTTIHYN	582	>TP53-C229FRTTIHYNM	331	251
>TP53-C229FGSDCTTIHY	68	>TP53-C229FRTTIHYNM	88	20
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>TP53-C229FGSDCTTIHY	2361	>TP53-C229FRTTIHYNM	263	2098
>TP53-C229FGSDCTTIHYN	247	>TP53-C229FRTTIHYNM	284	37
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>TP53-C229FGSDCTTIHYN	97	>TP53-C229FRTTIHYNM	195	98
>TP53-C229FVGSDCTTIHY	353	>TP53-C229FRTTIHYNM	255	98
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>TP53-C229FVGSDCTTIHY	642	>TP53-C229FRTTIHYNM	499	143
>TP53-C229FVGSDCTTIHY	377	>TP53-C229FRTTIHYNM	440	63
>TP53-C229FVGSDCTTIHY	449	>TP53-C229FRTTIHYNM	163	286
>TP53-C229FVGSDCCTTIH'	11	>TP53-C229FRTTIHYNM	8	3
>TP53-C229FVGSDCCTTIH'	75	>TP53-C229FRTTIHYNM	64	11
>TP53-C229FVGSDCCTTIH'	387	>TP53-C229FRTTIHYNM	673	286
>TP53-C229FVGSDCCTTI	1082	>TP53-C229FRTTIHYNM	406	676
>TP53-C229FVGSDCCTTIH'	326	>TP53-C229FRTTIHYNM	347	21
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>TP53-C229FPPEVGSDCCTT	657	>TP53-C229FRTTIHYNM	424	233
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>TP53-C229SCTTIHYNM	117	>TP53-C229FRTTIHYNM	589	472
>TP53-C229SCTTIHYNM	1373	>TP53-C229FRTTIHYNM	123	1250
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>TP53-C229SCTTIHYNM	161	>TP53-C229FRTTIHYNM	51	110
>TP53-C229SCTTIHYNM	207	>TP53-C229FRTTIHYNM	64	143
>TP53-C229SCTTIHYNM	35	>TP53-C229FRTTIHYNM	22	13
>TP53-C229SCTTIHYNM	130	>TP53-C229FRTTIHYNM	74	56
>TP53-C229SCTTIHYNM	767	>TP53-C229FRTTIHYNM	345	422
>TP53-C229SCTTIHYNM	355	>TP53-C229FRTTIHYNM	121	234
>TP53-C229SCTTIHYNM	50	>TP53-C229FRTTIHYNM	16	34
>TP53-C229SCTTIHYNM	1487	>TP53-C229FRTTIHYNM	200	1287

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>TP53-C229S CTTIHYNM	999	>TP53-C229S STTIHYNM	60	939
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>TP53-C229S CTTIHYNM	405	>TP53-C229S STTIHYNM	776	371
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>TP53-C229S GSDCTTIHYN	34	>TP53-C229S GSDSTTIHYN'	16	18
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>TP53-C229S GSDCTTIHYN	174	>TP53-C229S GSDSTTIHYN'	131	43
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>TP53-C229S GSDCTTIHYN	582	>TP53-C229S GSDSTTIHYN'	121	461
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>TP53-C229S GSDCTTIHYN	99	>TP53-C229S GSDSTTIHYN'	65	34
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>TP53-C229S GSDCTTIHYN	247	>TP53-C229S GSDSTTIHYN'	114	133
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>TP53-C229S GSDCTTIHYN	97	>TP53-C229S GSDSTTIHYN'	119	22
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>TP53-C229S VGSDCTTIHY	184	>TP53-C229S VGSDSTTIHY	280	96
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>TP53-C229S EVGSDCTTIH'	387	>TP53-C229S EVGSDSTTIH'	378	9
>TP53-C229S EVGSDCTTI	1082	>TP53-C229S EVGSDSTTI	445	637
>TP53-C229S EVGSDCTTI	504	>TP53-C229S EVGSDSTTI	124	380
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>TP53-C229YCTTIHYNM	405	>TP53-C229Y YTTIHYNM	1604	1199
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>TP53-C229YSDCTTIHYN	1521	>TP53-C229YSDYTTIHYN	119	1402
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>TP53-C229YGSDCTTIHYN	99	>TP53-C229YGSDYTTIHYN	71	28
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>TP53-C229YGSDCTTIHYN	97	>TP53-C229YGSDYTTIHYN'	116	19
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>TP53-C229YEVGSDCTTIH'	11	>TP53-C229YEVGSDYTTIH'	6	5
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>TP53-C229YEVGSDCTTIH'	387	>TP53-C229YEVGSDYTTIH'	313	74
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>TP53-C229YEVGSDCTTIH'	326	>TP53-C229YEVGSDYTTIH'	280	46
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>TP53-C238FYMCNSSCMC	145	>TP53-C238FYMFNSSCMG	27	118
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>TP53-C238CYMCNSSCM	292	>TP53-C238CYMGNSSCM	420	128
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>TP53-C238CTTIHNYMCM	184	>TP53-C238CTTIHNYMCM	837	653
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>TP53-C238FYMCNSSCM	1533	>TP53-C238FYMRNSSCM	429	1104
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>TP53-C238FCTTIHNYMC	184	>TP53-C238FCTTIHNYMF	1905	1721
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>TP53-C238Y YMCNSSCM	283	>TP53-C238Y YMYNSSCM	20	263
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>TP53-C238Y YMCNSSCM	1533	>TP53-C238Y YMYNSSCM	174	1359
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>TP53-C238Y YMCNSSCM	310	>TP53-C238Y YMYNSSCM	61	249
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>TP53-C238Y YMCNSSCM	346	>TP53-C238Y YMYNSSCM	132	214
>TP53-C238Y YMCNSSCM	3357	>TP53-C238Y YMYNSSCM	461	2896
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>TP53-C238Y NYMCNSSCM	53	>TP53-C238Y NYMYNSSCM	159	106
>TP53-C238Y NYMCNSSCM	429	>TP53-C238Y NYMYNSSCM	296	133
>TP53-C238Y NYMCNSSCM	893	>TP53-C238Y NYMYNSSCM	435	458
>TP53-C238Y NYMCNSSCM	31	>TP53-C238Y NYMYNSSCM	27	4
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>TP53-C242F YMCNSSCMC	92	>TP53-C242F YMCNSSFMG	55	37
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>TP53-C242F YMCNSSCMC	292	>TP53-C242F YMCNSSFMG	269	23
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>TP53-C242FYMCNSSCM	650	>TP53-C242FYMCNSSFM	42	608
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>TP53-C242FCMGGMNRR	12646	>TP53-C242FRMGGMNRR	188	12458
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>TP53-C242FCMGGMNRR	117	>TP53-C242FRMGGMNRR	43	74
>TP53-C242FSCMGGMNR	22965	>TP53-C242FSRMGGMNR	122	22843
>TP53-C242FSCMGGMNR	24367	>TP53-C242FSRMGGMNR	205	24162
>TP53-C242FSCMGGMNR	21187	>TP53-C242FSRMGGMNR	53	21134
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>TP53-C242FSCMGGMNR	36626	>TP53-C242FSRMGGMNR	370	36256
>TP53-C242FSCMGGMNR	464	>TP53-C242FSRMGGMNR	1179	715
>TP53-C242FIHNYNYMCNSC	575	>TP53-C242FIHNYNYMCNSC	142	433
>TP53-C242FIHNYNYMCNSC	35239	>TP53-C242FIHNYNYMCNSC	381	34858
>TP53-C242FSSCMGGMNI	58	>TP53-C242FSSRMGGMNI	1644	1586
>TP53-C242FSSCMGGMNI	192	>TP53-C242FSSRMGGMNI	1381	1189
>TP53-C242FSSCMGGMNI	3944	>TP53-C242FSSRMGGMNI	16	3928
>TP53-C242FSSCMGGMNI	7496	>TP53-C242FSSRMGGMNI	58	7438
>TP53-C242FSSCMGGMNI	110	>TP53-C242FSSRMGGMNI	74	36
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>TP53-C242FSSCMGGMNI	220	>TP53-C242FSSRMGGMNI	1149	929
>TP53-C242FSSCMGGMNI	361	>TP53-C242FSSRMGGMNI	1032	671
>TP53-C242FSSCMGGMNI	398	>TP53-C242FSSRMGGMNI	835	437
>TP53-C242FSSCMGGMNI	460	>TP53-C242FSSRMGGMNI	1020	560
>TP53-C242FNSSCMGGMI	111	>TP53-C242FNSSRMGGMI	282	171
>TP53-C242FNSSCMGGMI	55	>TP53-C242FNSSRMGGMI	64	9
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>TP53-C242FNSSCMGGMI	12	>TP53-C242FNSSRMGGMI	27	15
>TP53-C242FNSSCMGGMI	39	>TP53-C242FNSSRMGGMI	43	4
>TP53-C242FYMCNSSCM	262	>TP53-C242FYMCNSSRM	395	133
>TP53-C242FYMCNSSCMC	252	>TP53-C242FYMCNSSRMC	1047	795
>TP53-C242FYMCNSSCM	205	>TP53-C242FYMCNSSRM	230	25
>TP53-C242FYMCNSSCMC	167	>TP53-C242FYMCNSSRMC	500	333
>TP53-C242FYMCNSSCM	283	>TP53-C242FYMCNSSRM	101	182
>TP53-C242FYMCNSSCMC	41	>TP53-C242FYMCNSSRMC	53	12
>TP53-C242FYMCNSSCMC	143	>TP53-C242FYMCNSSRMC	502	359
>TP53-C242FYMCNSSCM	24	>TP53-C242FYMCNSSRM	12	12
>TP53-C242FYMCNSSCMC	92	>TP53-C242FYMCNSSRMC	727	635
>TP53-C242FYMCNSSCMC	399	>TP53-C242FYMCNSSRMC	1118	719
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>TP53-C242FYMCNSSCM	92	>TP53-C242FYMCNSSRM	243	151
>TP53-C242FYMCNSSCMC	197	>TP53-C242FYMCNSSRMC	577	380
>TP53-C242FYMCNSSCM	150	>TP53-C242FYMCNSSRM	673	523
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>TP53-C242FYMCNSSCMC	332	>TP53-C242FYMCNSSRMC	1608	1276
>TP53-C242FYMCNSSCM	33	>TP53-C242FYMCNSSRM	18	15
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>TP53-C242FYMCNSSCM	33	>TP53-C242FYMCNSSRM	39	6
>TP53-C242FYMCNSSCMC	127	>TP53-C242FYMCNSSRMC	395	268
>TP53-C242FYMCNSSCMC	292	>TP53-C242FYMCNSSRMC	530	238
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>TP53-C242FYMCNSSCM	98	>TP53-C242FYMCNSSRM	86	12
>TP53-C242FYMCNSSCMC	145	>TP53-C242FYMCNSSRMC	75	70
>TP53-C242FYMCNSSCM	20	>TP53-C242FYMCNSSRM	38	18
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>TP53-C242FYMCNSSCM	1533	>TP53-C242FYMCNSSRM	201	1332
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>TP53-C242FNYMCNSSC	25481	>TP53-C242FNYMCNSSR	34	25447
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>TP53-C242FNYMCNSSC	429	>TP53-C242FNYMCNSSR	471	42
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>TP53-C242FNYMCNSSC	31	>TP53-C242FNYMCNSSR	85	54
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>TP53-C242S CMGGMNRR	1556	>TP53-C242S SMGGMNRR	355	1201
>TP53-C242S CMGGMNRR	1329	>TP53-C242S SMGGMNRR	240	1089
>TP53-C242S CMGGMNRR	984	>TP53-C242S SMGGMNRR	73	911
>TP53-C242S CMGGMNRR	2150	>TP53-C242S SMGGMNRR	211	1939
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>TP53-C242S CMGGMNRR	1849	>TP53-C242S SMGGMNRR	128	1721
>TP53-C242S CMGGMNRR	88	>TP53-C242S SMGGMNRR	13	75
>TP53-C242S CMGGMNRR	314	>TP53-C242S SMGGMNRR	111	203
>TP53-C242S CMGGMNRR	2379	>TP53-C242S SMGGMNRR	154	2225
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>TP53-C242S SCMGGMNR	2430	>TP53-C242S SSMGGMNR	192	2238
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>TP53-C242S SSMGGMNI	361	>TP53-C242S SSMGGMNI	81	280
>TP53-C242S SSMGGMNI	398	>TP53-C242S SSMGGMNI	265	133
>TP53-C242S SSMGGMNI	460	>TP53-C242S SSMGGMNI	296	164
>TP53-C242S NSMGGMI	111	>TP53-C242S NSMGGMI	81	30
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>TP53-C242S NSMGGMI	39	>TP53-C242S NSMGGMI	22	17
>TP53-C242S YMCNSSCM	262	>TP53-C242S YMCNSSCM	150	112
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>TP53-C242SYMCNSSCM	205	>TP53-C242SYMCNSSSM	71	134
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>TP53-C242SYMCNSSCM	283	>TP53-C242SYMCNSSSM	26	257
>TP53-C242SYMCNSSCMC	41	>TP53-C242SYMCNSSSMG	25	16
>TP53-C242SYMCNSSCM	676	>TP53-C242SYMCNSSSM	217	459
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>TP53-C242SYMCNSSCMC	92	>TP53-C242SYMCNSSSMG	277	185
>TP53-C242SYMCNSSCMC	399	>TP53-C242SYMCNSSSMG	260	139
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>TP53-C242SYMCNSSCM	92	>TP53-C242SYMCNSSSM	63	29
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>TP53-C242SYMCNSSCM	150	>TP53-C242SYMCNSSSM	239	89
>TP53-C242SYMCNSSCMC	421	>TP53-C242SYMCNSSSMG	590	169
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>TP53-C242SYMCNSSCMC	332	>TP53-C242SYMCNSSSMG	570	238
>TP53-C242SYMCNSSCM	33	>TP53-C242SYMCNSSSM	10	23
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>TP53-C242SYMCNSSCMC	44	>TP53-C242SYMCNSSSMG	37	7
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>TP53-C242SYMCNSSCMC	145	>TP53-C242SYMCNSSSMG	43	102
>TP53-C242SYMCNSSCM	20	>TP53-C242SYMCNSSSM	9	11
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>TP53-C242SYMCNSSCM	1533	>TP53-C242SYMCNSSSM	190	1343
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>TP53-C242SYMCNSSCM	346	>TP53-C242SYMCNSSSM	207	139
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>TP53-C242SYNYMCNSSCN	53	>TP53-C242SYNYMCNSSSM	5	48
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>TP53-C242SYNYMCNSSCI	1351	>TP53-C242SYNYMCNSSSI	431	920
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>TP53-C242SYNYMCNSSCI	31	>TP53-C242SYNYMCNSSSI	16	15
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>TP53-C242V CMGGMNRR	984	>TP53-C242V WMGGMNRI	77	907
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>TP53-C242V CMGGMNRR	88	>TP53-C242V WMGGMNRI	9	79
>TP53-C242V CMGGMNRR	314	>TP53-C242V WMGGMNRI	2176	1862
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>TP53-C242V SCMGGMNR	17379	>TP53-C242V SWMGGMNF	289	17090
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>TP53-C242V SCMGGMNR	1568	>TP53-C242V SWMGGMNF	259	1309
>TP53-C242V SCMGGMNR	464	>TP53-C242V SWMGGMNF	22	442
>TP53-C242V SCMGGMNR	1578	>TP53-C242V SWMGGMNF	27	1551
>TP53-C242V SCMGGMNR	35102	>TP53-C242V SWMGGMNF	301	34801
>TP53-C242V SCMGGMNR	34642	>TP53-C242V SWMGGMNF	236	34406
>TP53-C242V SCMGGMNR	23544	>TP53-C242V SWMGGMNF	61	23483
>TP53-C242V IHYNYMCNS	575	>TP53-C242V IHYNYMCNS	50	525
>TP53-C242V IHYNYMCNS	28614	>TP53-C242V IHYNYMCNS	267	28347
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>TP53-C242V SSCMGGMNI	58	>TP53-C242V SSWMGGMN	81	23
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>TP53-C242V SSCMGGMNI	398	>TP53-C242V SSWMGGMN	397	1
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>TP53-C242V NSSCMGGMI	55	>TP53-C242V NSSWMGGV	30	25
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>TP53-C242V YMCNSSCMC	143	>TP53-C242V YMCNSSWM	68	75
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>TP53-C242V YMCNSSCMC	92	>TP53-C242V YMCNSSWM	20	72
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>TP53-C242V YMCNSSCMC	16	>TP53-C242V YMCNSSWM	5	11
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>TP53-C242V YMCNSSCM	150	>TP53-C242V YMCNSSWM	116	34
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>TP53-C242V YMCNSSCM	67	>TP53-C242V YMCNSSWM	103	36
>TP53-C242V YMCNSSCMC	332	>TP53-C242V YMCNSSWM	135	197
>TP53-C242V YMCNSSCM	33	>TP53-C242V YMCNSSWM	7	26
>TP53-C242V YMCNSSCMC	903	>TP53-C242V YMCNSSWM	189	714
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>TP53-C242V YMCNSSCMC	591	>TP53-C242V YMCNSSWM	361	230
>TP53-C242V YMCNSSCM	33	>TP53-C242V YMCNSSWM	67	34
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>TP53-C242V YMCNSSCMC	292	>TP53-C242V YMCNSSWM	524	232
>TP53-C242V YMCNSSCMC	44	>TP53-C242V YMCNSSWM	49	5
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>TP53-C242V YMCNSSCMC	145	>TP53-C242V YMCNSSWM	117	28
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>TP53-C242V YMCNSSCM	1533	>TP53-C242V YMCNSSWM	313	1220
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>TP53-C242V YMCNSSCM	310	>TP53-C242V YMCNSSWM	578	268
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>TP53-C242V HYNYMCNSS	70	>TP53-C242V HYNYMCNSS	22	48
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>TP53-C242V HYNYMCNSS	21212	>TP53-C242V HYNYMCNSS	78	21134
>TP53-C242Y CMGGMNRR	7745	>TP53-C242Y YMGGMNRR	296	7449
>TP53-C242Y CMGGMNRR	4468	>TP53-C242Y YMGGMNRR	220	4248
>TP53-C242Y CMGGMNRR	1556	>TP53-C242Y YMGGMNRR	83	1473
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>TP53-C242Y CMGGMNRR	984	>TP53-C242Y YMGGMNRR	11	973
>TP53-C242Y CMGGMNRR	2150	>TP53-C242Y YMGGMNRR	25	2125
>TP53-C242Y CMGGMNRR	3061	>TP53-C242Y YMGGMNRR	50	3011
>TP53-C242Y CMGGMNRR	3411	>TP53-C242Y YMGGMNRR	77	3334
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>TP53-C242Y CMGGMNRR	3560	>TP53-C242Y YMGGMNRR	32	3528
>TP53-C242Y CMGGMNRR	6204	>TP53-C242Y YMGGMNRR	296	5908
>TP53-C242Y CMGGMNRR	2155	>TP53-C242Y YMGGMNRR	57	2098
>TP53-C242Y CMGGMNRR	1849	>TP53-C242Y YMGGMNRR	11	1838
>TP53-C242Y CMGGMNRR	88	>TP53-C242Y YMGGMNRR	3	85
>TP53-C242Y CMGGMNRR	314	>TP53-C242Y YMGGMNRR	305	9
>TP53-C242Y CMGGMNRR	1022	>TP53-C242Y YMGGMNRR	274	748
>TP53-C242Y CMGGMNRR	117	>TP53-C242Y YMGGMNRR	156	39
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>TP53-C242Y SCMGGMNR	17379	>TP53-C242Y SYMGGMNR	18	17361
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>TP53-C242Y SCMGGMNR	1578	>TP53-C242Y SYMGGMNR	113	1465
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>TP53-C242YSSCMGGMNI	192	>TP53-C242YSSYMGGMNI	74	118
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>TP53-C242YSSCMGGMNI	56	>TP53-C242YSSYMGGMNI	47	9
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>TP53-C242YSSCMGGMNI	361	>TP53-C242YSSYMGGMNI	35	326
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>TP53-C242YNSSCMGGMI	1185	>TP53-C242YNSSYMGGMI	434	751
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>TP53-C242YNSSCMGGMI	39	>TP53-C242YNSSYMGGMI	17	22
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>TP53-C242YCMCNSSCM	1744	>TP53-C242YCMCNSSYM	289	1455
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>TP53-C275F CACPGRDRR	132	>TP53-C275F FACPGRDRR	35	97
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>TP53-C275F LGRNSFEVRV	12391	>TP53-C275F LGRNSFEVRV	66	12325
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>TP53-C275F RVCACPGR	1309	>TP53-C275F RVFACPGR	125	1184
>TP53-C275F RVCACPGRDI	1179	>TP53-C275F RVFACPGRDF	486	693
>TP53-C275F RVCACPGRDI	2312	>TP53-C275F RVFACPGRDF	258	2054
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>TP53-C275F RVCACPGRDI	435	>TP53-C275F RVFACPGRDF	99	336

>TP53-C275F RVCACPGR	1754	>TP53-C275F RVFACPGR	338	1416
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>TP53-C275F RVCACPGRDI	37	>TP53-C275F RVFACPGRDI	44	7
>TP53-C275F RVCACPGRDI	33	>TP53-C275F RVFACPGRDI	15	18
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>TP53-C275F RVCACPGRDI	1118	>TP53-C275F RVFACPGRDI	134	984
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>TP53-C275F RVCACPGRDI	297	>TP53-C275F RVFACPGRDI	248	49
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>TP53-C275F EVRVACPGF	329	>TP53-C275F EVRVFACPGF	334	5
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>TP53-C275F FEVRVCAC	822	>TP53-C275F FEVRVFAC	156	666
>TP53-C275F FEVRVCACPC	370	>TP53-C275F FEVRVFACPC	299	71
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>TP53-C275F SFEVRVCA	2430	>TP53-C275F SFEVRVFA	375	2055
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>TP53-C275F NSFVVRVCA	2588	>TP53-C275F NSFVVRVFA	356	2232
>TP53-C275F NSFVVRVCA	21	>TP53-C275F NSFVVRVFA	7	14
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>TP53-C275F NSFVVRVC	13511	>TP53-C275F NSFVVRVF	48	13463
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>TP53-C275F RNSFVVRVC	19896	>TP53-C275F RNSFVVRVF	123	19773
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>TP53-C275C CACPGRDRR	132	>TP53-C275C GACPGRDRR	617	485
>TP53-C275C RVCACPGR	367	>TP53-C275C RVGACPGR	1163	796
>TP53-C275C RVCACPGRDI	435	>TP53-C275C RVGACPGRDI	1454	1019
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>TP53-C275C RVCACPGRDI	33	>TP53-C275C RVGACPGRDI	70	37
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>TP53-C275C FEVRVCAC	822	>TP53-C275C FEVRVGAC	91	731
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>TP53-C275C NSFVVRVCA	21	>TP53-C275C NSFVVRVGA	9	12
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>TP53-C275F CACPGRDRR	921	>TP53-C275F RACPGRDRR	32	889
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>TP53-C275F RVCACPGRDI	435	>TP53-C275F RVRACPGRDI	6993	6558
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>TP53-C275F RVCACPGRD	8735	>TP53-C275F RVRACPGRD	334	8401
>TP53-C275F RVCACPGRDI	5762	>TP53-C275F RVRACPGRDI	30	5732
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>TP53-C275F RVCACPGRDI	37	>TP53-C275F RVRACPGRDI	50	13
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>TP53-C275F EVRVCACPGF	329	>TP53-C275F EVRVRACPGF	460	131
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>TP53-C275F FEVRVCAC	822	>TP53-C275F FEVRVRAC	100	722
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>TP53-C275S CACPGRDRR	921	>TP53-C275S SACPGRDRR	284	637
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>TP53-C275S RVCACPGR	1309	>TP53-C275S RVSACPGR	498	811
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>TP53-C275S RVCACPGRDI	435	>TP53-C275S RVSACPGRDI	353	82
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>TP53-C275S RVCACPGRDI	1118	>TP53-C275S RVSACPGRDI	279	839
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>TP53-C275S FEVRVCACPG	370	>TP53-C275S FEVRVSACPG	384	14
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>TP53-C275V CACPGRDRR	132	>TP53-C275V WACPGRDRR	156	24
>TP53-C275V VCACPGRDR	13824	>TP53-C275V VWACPGRDR	301	13523
>TP53-C275V VCACPGRDRI	7200	>TP53-C275V VWACPGRDF	128	7072
>TP53-C275V LGRNSFEVRV	24084	>TP53-C275V LGRNSFEVRV	252	23832
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>TP53-C275V RVCACPGR	1309	>TP53-C275V RVWACPGR	436	873
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>TP53-C275V RVCACPGR	40	>TP53-C275V RVWACPGR	16	24
>TP53-C275V RVCACPGRDI	37	>TP53-C275V RVWACPGR	78	41
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>TP53-C275V RVCACPGRDI	297	>TP53-C275V RVWACPGR	149	148
>TP53-C275V RVCACPGR	66	>TP53-C275V RVWACPGR	29	37
>TP53-C275V RVCACPGRDI	255	>TP53-C275V RVWACPGR	74	181
>TP53-C275V RVCACPGRDI	109	>TP53-C275V RVWACPGR	37	72
>TP53-C275V EVRVCACPGF	329	>TP53-C275V EVRVWACPGR	563	234
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>TP53-C275V FEVRVCAC	822	>TP53-C275V FEVRVWAC	481	341
>TP53-C275V FEVRVCACPG	370	>TP53-C275V FEVRVWACPGR	379	9
>TP53-C275V FEVRVCAC	1153	>TP53-C275V FEVRVWAC	485	668
>TP53-C275V SFVVRVCAC	3529	>TP53-C275V SFVVRVWAC	363	3166
>TP53-C275V NSFVVRVCA	21	>TP53-C275V NSFVVRVWA	15	6
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>TP53-C275V NSFVVRVC	20752	>TP53-C275V NSFVVRVW	55	20697
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>TP53-C275Y CACPGRDRR	545	>TP53-C275Y YACPGRDRR	294	251
>TP53-C275Y CACPGRDR	824	>TP53-C275Y YACPGRDR	220	604
>TP53-C275Y CACPGRDRR	132	>TP53-C275Y YACPGRDRR	32	100
>TP53-C275Y VCACPGRDRI	7200	>TP53-C275Y VYACPGRDRI	414	6786
>TP53-C275Y LGRNSFEVRV	12391	>TP53-C275Y LGRNSFEVRV	71	12320
>TP53-C275Y LGRNSFEVRV	11563	>TP53-C275Y LGRNSFEVRV	140	11423
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>TP53-C275Y RVCACPGR	1309	>TP53-C275Y RVYACPGR	67	1242
>TP53-C275Y RVCACPGRDI	1179	>TP53-C275Y RVYACPGRDI	202	977
>TP53-C275Y RVCACPGRDI	2312	>TP53-C275Y RVYACPGRDI	125	2187
>TP53-C275Y RVCACPGR	367	>TP53-C275Y RVYACPGR	107	260
>TP53-C275Y RVCACPGRDI	435	>TP53-C275Y RVYACPGRDI	129	306

>TP53-C275Y RVCACPGR	40	>TP53-C275Y RVYACPGR	20	20
>TP53-C275Y RVCACPGRDI	37	>TP53-C275Y RVYACPGRDI	29	8
>TP53-C275Y RVCACPGRDI	33	>TP53-C275Y RVYACPGRDI	16	17
>TP53-C275Y RVCACPGR	481	>TP53-C275Y RVYACPGR	142	339
>TP53-C275Y RVCACPGRDI	1118	>TP53-C275Y RVYACPGRDI	124	994
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>TP53-C275Y RVCACPGRDI	297	>TP53-C275Y RVYACPGRDI	266	31
>TP53-C275Y RVCACPGR	66	>TP53-C275Y RVYACPGR	40	26
>TP53-C275Y RVCACPGRDI	255	>TP53-C275Y RVYACPGRDI	101	154
>TP53-C275Y RVCACPGRDI	109	>TP53-C275Y RVYACPGRDI	55	54
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>TP53-C275Y EVRVCACPGF	70	>TP53-C275Y EVRVYACPGF	86	16
>TP53-C275Y FEVRVCAC	822	>TP53-C275Y FEVRVYAC	413	409
>TP53-C275Y FEVRVCACPG	370	>TP53-C275Y FEVRVYACPG	343	27
>TP53-C275Y NSFVVRVC	31829	>TP53-C275Y NSFVVRVY	343	31486
>TP53-C275Y NSFVVRVC	18452	>TP53-C275Y NSFVVRVY	256	18196
>TP53-C275Y NSFVVRVCA	21	>TP53-C275Y NSFVVRVYA	7	14
>TP53-C275Y NSFVVRVCA	5395	>TP53-C275Y NSFVVRVYA	426	4969
>TP53-C275Y NSFVVRVC	18692	>TP53-C275Y NSFVVRVY	249	18443
>TP53-C275Y NSFVVRVC	13511	>TP53-C275Y NSFVVRVY	209	13302
>TP53-C275Y NSFVVRVC	21401	>TP53-C275Y NSFVVRVY	135	21266
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>TP53-C275Y NSFVVRVC	20966	>TP53-C275Y NSFVVRVY	487	20479
>TP53-C275Y NSFVVRVC	33230	>TP53-C275Y NSFVVRVY	132	33098
>TP53-C275Y RNSFVVRVC	19004	>TP53-C275Y RNSFVVRVY	448	18556
>TP53-C275Y GRNSFVVRVC	7228	>TP53-C275Y GRNSFVVRVY	173	7055
>TP53-C275Y GRNSFVVRVC	3082	>TP53-C275Y GRNSFVVRVY	58	3024
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>TP53-C277F CACPGRDRR	132	>TP53-C277F CAFPGDRR	24	108
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>TP53-C277F RVCACPGRDI	435	>TP53-C277F RVCAFPGRDI	167	268
>TP53-C277F RVCACPGR	1754	>TP53-C277F RVCAFPGR	442	1312
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>TP53-C277F RVCACPGRDI	37	>TP53-C277F RVCAFPGRDI	30	7
>TP53-C277F RVCACPGRDI	33	>TP53-C277F RVCAFPGRDI	23	10
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>TP53-C277F RVCACPGRDI	297	>TP53-C277F RVCAFPGRDI	174	123
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>TP53-C277F RVCACPGRDI	255	>TP53-C277F RVCAFPGRDI	274	19
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>TP53-C277F VRVCACPGR	2911	>TP53-C277F VRVCAFPGR	291	2620
>TP53-C277F VRVCACPGR	2940	>TP53-C277F VRVCAFPGR	485	2455
>TP53-C277F EVRVCACPGF	673	>TP53-C277F EVRVCAFPGF	193	480
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>TP53-C277F EVRVCACPGF	70	>TP53-C277F EVRVCAFPGF	59	11
>TP53-C277F EVRVCACPGF	744	>TP53-C277F EVRVCAFPGF	408	336
>TP53-C277F FEVRVCAC	822	>TP53-C277F FEVRVCAF	373	449
>TP53-C277F FEVRVCACP	1437	>TP53-C277F FEVRVCAFP	204	1233
>TP53-C277F FEVRVCACPC	370	>TP53-C277F FEVRVCAFPG	246	124
>TP53-C277F FEVRVCAC	17115	>TP53-C277F FEVRVCAF	170	16945
>TP53-C277F FEVRVCAC	6972	>TP53-C277F FEVRVCAF	25	6947
>TP53-C277F FEVRVCAC	4455	>TP53-C277F FEVRVCAF	29	4426
>TP53-C277F FEVRVCAC	1153	>TP53-C277F FEVRVCAF	148	1005
>TP53-C277F FEVRVCACPC	1958	>TP53-C277F FEVRVCAFPG	360	1598
>TP53-C277F FEVRVCAC	1213	>TP53-C277F FEVRVCAF	267	946
>TP53-C277F FEVRVCACPC	3346	>TP53-C277F FEVRVCAFPG	294	3052
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>TP53-C277F FEVRVCAC	6593	>TP53-C277F FEVRVCAF	166	6427
>TP53-C277F SFEVRVCAC	21113	>TP53-C277F SFEVRVCAF	246	20867
>TP53-C277F NSFVVRVCAC	8736	>TP53-C277F NSFVVRVCAF	151	8585
>TP53-C277F NSFVVRVCAC	15895	>TP53-C277F NSFVVRVCAF	161	15734
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>TP53-C277F NSFVVRVCAC	18693	>TP53-C277F NSFVVRVCAF	76	18617
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>TP53-C277C ACPGRDRRTI	13383	>TP53-C277C AGPGRDRRTI	411	12972
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>TP53-C277C CACPGRDRR	132	>TP53-C277C CAGPGRDRR	490	358
>TP53-C277C RVCACPGR	367	>TP53-C277C RVCAGPGR	434	67
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>TP53-C277C EVRVCACPGF	329	>TP53-C277C EVRVACPGI	570	241
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>TP53-C277F RNSFEVRVCA	36122	>TP53-C277F RNSFEVRVCA	397	35725



>TP53-C277F CACPGRDRR	921	>TP53-C277F CARPGRDRR	486	435
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>TP53-C277F CACPGRDRR	132	>TP53-C277F CARPGRDRR	653	521
>TP53-C277F RVCACPGR	367	>TP53-C277F RVCARPGR	284	83
>TP53-C277F RVCACPGRDI	435	>TP53-C277F RVCARPGRDI	453	18
>TP53-C277F RVCACPGR	1754	>TP53-C277F RVCARPGR	329	1425
>TP53-C277F RVCACPGR	40	>TP53-C277F RVCARPGR	17	23
>TP53-C277F RVCACPGRDI	37	>TP53-C277F RVCARPGRDI	44	7
>TP53-C277F RVCACPGRDI	33	>TP53-C277F RVCARPGRDI	22	11
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>TP53-C277F RVCACPGRDI	297	>TP53-C277F RVCARPGRDI	453	156
>TP53-C277F RVCACPGR	66	>TP53-C277F RVCARPGR	97	31
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>TP53-C277F RVCACPGRDI	109	>TP53-C277F RVCARPGRDI	228	119
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>TP53-C277F EVRVCACPGF	673	>TP53-C277F EVRVCARPGF	170	503
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>TP53-C277F NSFVRVCAC	22433	>TP53-C277F NSFVRVCAR	49	22384
>TP53-C277F NSFVRVCAC	20343	>TP53-C277F NSFVRVCAR	106	20237
>TP53-C277F NSFVRVCAC	30085	>TP53-C277F NSFVRVCAR	8	30077
>TP53-C277S CACPGRDR	824	>TP53-C277S CASPGRDR	415	409
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>TP53-C277S RVCACPGR	1754	>TP53-C277S RVCASPGR	308	1446
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>TP53-C277S RVCACPGRDI	584	>TP53-C277S RVCASPGRDI	356	228
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>TP53-C277S EVRVCACPGF	70	>TP53-C277S EVRVCASPGF	43	27
>TP53-C277S FEVRVCACPC	370	>TP53-C277S FEVRVCASPG	400	30
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>TP53-C277VACPGRDRR	5852	>TP53-C277V AWPGRDRR	83	5769
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>TP53-C277V CACPGRDRR	921	>TP53-C277V CAWPGRDRR	145	776
>TP53-C277V CACPGRDRR	545	>TP53-C277V CAWPGRDRR	329	216
>TP53-C277V CACPGRDRR	132	>TP53-C277V CAWPGRDRR	256	124
>TP53-C277V RVCACPGR	367	>TP53-C277V RVC AWPGR	179	188
>TP53-C277V RVCACPGRDI	435	>TP53-C277V RVC AWPGR	243	192
>TP53-C277V RVCACPGR	40	>TP53-C277V RVC AWPGR	20	20
>TP53-C277V RVCACPGRDI	37	>TP53-C277V RVC AWPGR	34	3
>TP53-C277V RVCACPGRDI	33	>TP53-C277V RVC AWPGR	22	11
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>TP53-C277V RVCACPGRDI	297	>TP53-C277V RVC AWPGR	191	106
>TP53-C277V RVCACPGR	66	>TP53-C277V RVC AWPGR	73	7
>TP53-C277V RVCACPGRDI	255	>TP53-C277V RVC AWPGR	430	175
>TP53-C277V RVCACPGRDI	109	>TP53-C277V RVC AWPGR	161	52
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>TP53-C277V EVRVCACPGF	673	>TP53-C277V EVRVC AWPGR	332	341
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>TP53-C277V EVRVCACPGF	70	>TP53-C277V EVRVC AWPGR	72	2
>TP53-C277V EVRVCACPGF	744	>TP53-C277V EVRVC AWPGR	403	341
>TP53-C277V FEVRVCACPC	370	>TP53-C277V FEVRVCAWP	373	3
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>TP53-C277V FEVRVCACPC	1958	>TP53-C277V FEVRVCAWP	286	1672
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>TP53-C277V FEVRVCAC	6593	>TP53-C277V FEVRVCAW	56	6537
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>TP53-C277V NSFEVRVCAC	18693	>TP53-C277V NSFEVRVCAV	64	18629
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>TP53-C277V NSFEVRVCAC	20734	>TP53-C277V NSFEVRVCAV	45	20689
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>TP53-C277YACPGRDRR	5852	>TP53-C277Y AYPGRDRR	248	5604
>TP53-C277Y RNSFEVRVCA	16250	>TP53-C277Y RNSFEVRVCA	190	16060
>TP53-C277Y RNSFEVRVCA	12870	>TP53-C277Y RNSFEVRVCA	229	12641
>TP53-C277Y CACPGRDRR	921	>TP53-C277Y CAYPGRDRR	262	659
>TP53-C277Y CACPGRDRR	545	>TP53-C277Y CAYPGRDRR	449	96
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>TP53-C277Y RVCACPGR	1754	>TP53-C277Y RVCAYPGR	423	1331
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>TP53-C277Y RVCACPGRDI	37	>TP53-C277Y RVCAYPGRDI	46	9
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>TP53-C277Y EVRVCACPGF	673	>TP53-C277Y EVRVCAYPGF	294	379
>TP53-C277Y EVRVCACPGF	329	>TP53-C277Y EVRVCAYPGF	274	55
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>TP53-C277Y EVRVCACPGF	744	>TP53-C277Y EVRVCAYPGF	388	356
>TP53-C277Y FEVRVCACPG	370	>TP53-C277Y FEVRVCAYPG	291	79
>TP53-C277Y FEVRVCAC	17115	>TP53-C277Y FEVRVCAY	144	16971
>TP53-C277Y FEVRVCAC	6972	>TP53-C277Y FEVRVCAY	79	6893
>TP53-C277Y FEVRVCAC	4455	>TP53-C277Y FEVRVCAY	30	4425
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>TP53-C277Y FEVRVCACPG	3346	>TP53-C277Y FEVRVCAYPG	439	2907
>TP53-C277Y FEVRVCAC	6554	>TP53-C277Y FEVRVCAY	461	6093
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>TP53-C277Y SFEVRVCAC	39358	>TP53-C277Y SFEVRVCAY	309	39049
>TP53-C277Y NSFVRVCAC	26277	>TP53-C277Y NSFVRVCAY	107	26170
>TP53-C277Y NSFVRVCAC	24086	>TP53-C277Y NSFVRVCAY	54	24032
>TP53-C277Y NSFVRVCAC	30085	>TP53-C277Y NSFVRVCAY	233	29852
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>TP53-D148E DSTPPPGTR	203	>TP53-D148E ESTPPPGTR	626	423
>TP53-D148E DSTPPPGTRV	372	>TP53-D148E ESTPPPGTRV	1111	739
>TP53-D148E DSTPPPGTR	161	>TP53-D148E ESTPPPGTR	41	120
>TP53-D148E DSTPPPGTRV	208	>TP53-D148E ESTPPPGTRV	51	157
>TP53-D148E DSTPPPGTRV	866	>TP53-D148E ESTPPPGTRV	177	689
>TP53-D148E DSTPPPGTRV	1466	>TP53-D148E ESTPPPGTRV	234	1232
>TP53-D148E VDSTPPPGT	17500	>TP53-D148E VESTPPPGT	448	17052
>TP53-D148E VDSTPPPGTR	5396	>TP53-D148E VESTPPPGTR	73	5323
>TP53-D148E WVDSTPPPG	489	>TP53-D148E WVESTPPPG	4065	3576
>TP53-D148E LWVDSTPP	386	>TP53-D148E LWVESTPP	369	17
>TP53-D148E LWVDSTPPP	467	>TP53-D148E LWVESTPPP	469	2
>TP53-D148E LWVDSTPPPC	485	>TP53-D148E LWVESTPPPC	503	18
>TP53-D148E VQLWVDST	120	>TP53-D148E VQLWVEST	130	10
>TP53-D148E VQLWVDST	835	>TP53-D148E VQLWVEST	441	394

>TP53-D148E CPVQLWVDS	841	>TP53-D148E CPVQLWVES	150	691
>TP53-D148E CPVQLWVDS	675	>TP53-D148E CPVQLWVES	234	441
>TP53-D148E CPVQLWVDS	635	>TP53-D148E CPVQLWVES	443	192
>TP53-D148F DSTPPPGTR	203	>TP53-D148F NSTPPPGTR	1197	994
>TP53-D148F DSTPPPGTRV	372	>TP53-D148F NSTPPPGTRV	1918	1546
>TP53-D148F DSTPPPGTR	161	>TP53-D148F NSTPPPGTR	196	35
>TP53-D148F DSTPPPGTRV	208	>TP53-D148F NSTPPPGTRV	254	46
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>TP53-D148F WVDSTPPPG	1217	>TP53-D148F WVNSTPPPG	220	997
>TP53-D148F WVDSTPPPG	489	>TP53-D148F WVNSTPPPG	964	475
>TP53-D148F LWVDSTPP	386	>TP53-D148F LWVNSTPP	392	6
>TP53-D148F LWVDSTPPP	467	>TP53-D148F LWVNSTPPP	541	74
>TP53-D148F LWVDSTPPPC	485	>TP53-D148F LWVNSTPPPC	559	74
>TP53-D148F VQLWVDST	120	>TP53-D148F VQLWVNST	93	27
>TP53-D148F CPVQLWVDS	675	>TP53-D148F CPVQLWVNS	353	322
>TP53-D148F CPVQLWVDS	635	>TP53-D148F CPVQLWVNS	477	158
>TP53-D148\ DSTPPPGTR	203	>TP53-D148\ VSTPPPGTR	4200	3997
>TP53-D148\ DSTPPPGTRV	372	>TP53-D148\ VSTPPPGTRV	6020	5648
>TP53-D148\ DSTPPPGTR	161	>TP53-D148\ VSTPPPGTR	1068	907
>TP53-D148\ DSTPPPGTRV	208	>TP53-D148\ VSTPPPGTRV	1392	1184
>TP53-D148\ DSTPPPGTRV	6868	>TP53-D148\ VSTPPPGTRV	101	6767
>TP53-D148\ DSTPPPGTRV	14425	>TP53-D148\ VSTPPPGTRV	483	13942
>TP53-D148\ VDSTPPPGTR	17836	>TP53-D148\ VVSTPPPGTR	275	17561
>TP53-D148\ VDSTPPPGTR	13045	>TP53-D148\ VVSTPPPGTR	116	12929
>TP53-D148\ VDSTPPPGTR	16035	>TP53-D148\ VVSTPPPGTR	23	16012
>TP53-D148\ VDSTPPPGTR	23226	>TP53-D148\ VVSTPPPGTR	340	22886
>TP53-D148\ VDSTPPPGTR	18375	>TP53-D148\ VVSTPPPGTR	282	18093
>TP53-D148\ AKTCPVQLW	8292	>TP53-D148\ AKTCPVQLW	125	8167
>TP53-D148\ WVDSTPPPG	1217	>TP53-D148\ WVVSTPPPG	119	1098
>TP53-D148\ WVDSTPPPG	489	>TP53-D148\ WVVSTPPPG	647	158
>TP53-D148\ LWVDSTPP	386	>TP53-D148\ LWVVSTPP	372	14
>TP53-D148\ LWVDSTPPP	467	>TP53-D148\ LWVVSTPPP	538	71
>TP53-D148\ LWVDSTPPPC	485	>TP53-D148\ LWVVSTPPPC	584	99
>TP53-D148\ VQLWVDST	120	>TP53-D148\ VQLWVVST	66	54
>TP53-D148\ VQLWVDST	835	>TP53-D148\ VQLWVVST	189	646
>TP53-D148\ CPVQLWVDS	841	>TP53-D148\ CPVQLWVVS	159	682
>TP53-D148\ CPVQLWVD	17939	>TP53-D148\ CPVQLWVV	470	17469
>TP53-D148\ CPVQLWVD	7060	>TP53-D148\ CPVQLWVV	261	6799
>TP53-D148\ CPVQLWVD	706	>TP53-D148\ CPVQLWVV	29	677
>TP53-D148\ CPVQLWVDS	675	>TP53-D148\ CPVQLWVVS	123	552
>TP53-D148\ CPVQLWVDS	635	>TP53-D148\ CPVQLWVVS	346	289
>TP53-D148\ KTCPVQLWV	23665	>TP53-D148\ KTCPVQLWV	191	23474
>TP53-D148\ KTCPVQLWV	15215	>TP53-D148\ KTCPVQLWV	58	15157

>TP53-D148\KTCPVQLWV	21264	>TP53-D148\KTCPVQLWV	23	21241
>TP53-D148\KTCPVQLWV	24836	>TP53-D148\KTCPVQLWV	162	24674
>TP53-D148\KTCPVQLWV	34972	>TP53-D148\KTCPVQLWV	120	34852
>TP53-D148\KTCPVQLWV	4368	>TP53-D148\KTCPVQLWV	384	3984
>TP53-D148\KTCPVQLWV	7844	>TP53-D148\KTCPVQLWV	182	7662
>TP53-D148\KTCPVQLWV	5045	>TP53-D148\KTCPVQLWV	318	4727
>TP53-D148\DSTPPPGTRV	18500	>TP53-D148\YSTPPPGTRV	430	18070
>TP53-D148\DSTPPPGTRV	17587	>TP53-D148\YSTPPPGTRV	421	17166
>TP53-D148\DSTPPPGTR	203	>TP53-D148\YSTPPPGTR	1594	1391
>TP53-D148\DSTPPPGTRV	372	>TP53-D148\YSTPPPGTRV	2525	2153
>TP53-D148\DSTPPPGTR	161	>TP53-D148\YSTPPPGTR	96	65
>TP53-D148\DSTPPPGTRV	208	>TP53-D148\YSTPPPGTRV	129	79
>TP53-D148\DSTPPPGTRV	866	>TP53-D148\YSTPPPGTRV	306	560
>TP53-D148\DSTPPPGTRV	6868	>TP53-D148\YSTPPPGTRV	54	6814
>TP53-D148\DSTPPPGTRV	14425	>TP53-D148\YSTPPPGTRV	157	14268
>TP53-D148\DSTPPPGTRV	3923	>TP53-D148\YSTPPPGTRV	269	3654
>TP53-D148\DSTPPPGTRV	4239	>TP53-D148\YSTPPPGTRV	322	3917
>TP53-D148\VDSTPPPGTR	14919	>TP53-D148\VYSTPPPGTR	168	14751
>TP53-D148\AKTCPVQLW	8292	>TP53-D148\AKTCPVQLW	13	8279
>TP53-D148\WVDSTPPPG	3163	>TP53-D148\WVYSTPPPG	241	2922
>TP53-D148\WVDSTPPPG	1880	>TP53-D148\WVYSTPPPG	324	1556
>TP53-D148\WVDSTPPPG	1217	>TP53-D148\WVYSTPPPG	59	1158
>TP53-D148\WVDSTPPPG	489	>TP53-D148\WVYSTPPPG	141	348
>TP53-D148\WVDSTPPPG	4740	>TP53-D148\WVYSTPPPG	358	4382
>TP53-D148\LWVDSTPP	386	>TP53-D148\LWVYSTPP	287	99
>TP53-D148\LWVDSTPPP	467	>TP53-D148\LWVYSTPPP	436	31
>TP53-D148\LWVDSTPPPC	485	>TP53-D148\LWVYSTPPPC	482	3
>TP53-D148\VQLWVDST	120	>TP53-D148\VQLWVYST	55	65
>TP53-D148\VQLWVDST	835	>TP53-D148\VQLWVYST	172	663
>TP53-D148\CPVQLWVD	3557	>TP53-D148\CPVQLWVY	10	3547
>TP53-D148\CPVQLWVD	7060	>TP53-D148\CPVQLWVY	34	7026
>TP53-D148\CPVQLWVDS	675	>TP53-D148\CPVQLWVYS	236	439
>TP53-D148\CPVQLWVDS	1843	>TP53-D148\CPVQLWVYS	495	1348
>TP53-D148\CPVQLWVDS	635	>TP53-D148\CPVQLWVYS	258	377
>TP53-D148\CPVQLWVD	17106	>TP53-D148\CPVQLWVY	16	17090
>TP53-D148\CPVQLWVD	17983	>TP53-D148\CPVQLWVY	161	17822
>TP53-D148\TCPVQLWVD	25469	>TP53-D148\TCPVQLWVY	252	25217
>TP53-D148\KTCPVQLWV	20199	>TP53-D148\KTCPVQLWV	296	19903
>TP53-D148\KTCPVQLWV	30988	>TP53-D148\KTCPVQLWV	458	30530
>TP53-D148\KTCPVQLWV	29654	>TP53-D148\KTCPVQLWV	240	29414
>TP53-D148\KTCPVQLWV	31410	>TP53-D148\KTCPVQLWV	387	31023
>TP53-D148\KTCPVQLWV	2627	>TP53-D148\KTCPVQLWV	277	2350
>TP53-D148\KTCPVQLWV	27957	>TP53-D148\KTCPVQLWV	254	27703

>TP53-D148\KTCPVQLWV	7297	>TP53-D148\KTCPVQLWV	473	6824
>TP53-D148\KTCPVQLWV	18203	>TP53-D148\KTCPVQLWV	6	18197
>TP53-D148\KTCPVQLWV	20869	>TP53-D148\KTCPVQLWV	399	20470
>TP53-D148\KTCPVQLWV	7844	>TP53-D148\KTCPVQLWV	6	7838
>TP53-D148\KTCPVQLWV	9218	>TP53-D148\KTCPVQLWV	96	9122
>TP53-D148\KTCPVQLWV	5045	>TP53-D148\KTCPVQLWV	17	5028
>TP53-D148\KTCPVQLWV	19588	>TP53-D148\KTCPVQLWV	114	19474
>TP53-D184† DSDGLAPPQI	2681	>TP53-D184† HSDGLAPPQI	39	2642
>TP53-D184† CSDSDGLA	178	>TP53-D184† CSHSDGLA	14178	14000
>TP53-D184† HERCSDSDGL	602	>TP53-D184† HERCSHSDGL	224	378
>TP53-D184† HERCSDSDGL	422	>TP53-D184† HERCSHSDGL	248	174
>TP53-D184† HHERCSDSDC	126	>TP53-D184† HHERCSHSDC	62	64
>TP53-D184† CSDSDGLA	178	>TP53-D184† CNSDSDGLA	5851	5673
>TP53-D184† HERCSDSDGL	602	>TP53-D184† HERCSNSDGL	355	247
>TP53-D184† HERCSDSDGL	422	>TP53-D184† HERCSNSDGL	121	301
>TP53-D184† HHERCSDSDC	126	>TP53-D184† HHERCSNSDC	76	50
>TP53-D184\ DSDGLAPPQI	2681	>TP53-D184\ YSDGLAPPQI	18	2663
>TP53-D184\ DSDGLAPPQI	17678	>TP53-D184\ YSDGLAPPQI	426	17252
>TP53-D184\ RRCPHHERCS	8906	>TP53-D184\ RRCPHHERCS	59	8847
>TP53-D184\ RRCPHHERCS	3791	>TP53-D184\ RRCPHHERCS	230	3561
>TP53-D184\ CSDSDGLA	178	>TP53-D184\ CSYSDGLA	13378	13200
>TP53-D184\ CSDSDGLA	6107	>TP53-D184\ CSYSDGLA	456	5651
>TP53-D184\ ERCSYSDGL	1614	>TP53-D184\ ERCSYSDGL	365	1249
>TP53-D184\ HERCSDSDGL	602	>TP53-D184\ HERCSYSDGL	185	417
>TP53-D184\ HERCSDSDGL	422	>TP53-D184\ HERCSYSDGL	81	341
>TP53-D184\ HHERCSDSDC	126	>TP53-D184\ HHERCSYSDC	49	77
>TP53-D184\ CPHHERCSD	12255	>TP53-D184\ CPHHERCSY	44	12211
>TP53-D184\ CPHHERCSD	14427	>TP53-D184\ CPHHERCSY	76	14351
>TP53-D186‡ DGLAPPQHII	1466	>TP53-D186‡ EGLAPPQHII	228	1238
>TP53-D186‡ DGLAPPQHII	968	>TP53-D186‡ EGLAPPQHII	220	748
>TP53-D186‡ SDGLAPPQHI	507	>TP53-D186‡ SEGLAPPQHL	17	490
>TP53-D186‡ SDGLAPPQHI	5430	>TP53-D186‡ SEGLAPPQHL	80	5350
>TP53-D186‡ SDGLAPPQHI	1651	>TP53-D186‡ SEGLAPPQHL	35	1616
>TP53-D186‡ SDGLAPPQHI	104	>TP53-D186‡ SEGLAPPQHL	5018	4914
>TP53-D186‡ CSDSDGLA	178	>TP53-D186‡ CSDSEGLA	187	9
>TP53-D186‡ HERCSDSDGL	602	>TP53-D186‡ HERCSDSEGL	349	253
>TP53-D186‡ HERCSDSDGL	422	>TP53-D186‡ HERCSDSEGL	236	186
>TP53-D186‡ HHERCSDSDC	126	>TP53-D186‡ HHERCSDSEC	134	8
>TP53-D186‡ SDGLAPPQHI	104	>TP53-D186‡ SGGLAPPQHI	11966	11862
>TP53-D186‡ CSDSDGLA	178	>TP53-D186‡ CSDSGGLA	142	36
>TP53-D186‡ HERCSDSDGL	602	>TP53-D186‡ HERCSDSGGL	368	234
>TP53-D186‡ HERCSDSDGL	422	>TP53-D186‡ HERCSDSGGL	336	86
>TP53-D186‡ HHERCSDSDC	126	>TP53-D186‡ HHERCSDSGC	165	39

>TP53-D186† DGLAPPQHLI	968	>TP53-D186† HGLAPPQHLI	55	913
>TP53-D186† SDGLAPPQHI	104	>TP53-D186† SHGLAPPQHI	15222	15118
>TP53-D186† CPHHERCSDS	8475	>TP53-D186† CPHHERCSDS	391	8084
>TP53-D186† CSDSDGLA	178	>TP53-D186† CSDSHGLA	135	43
>TP53-D186† ERCSDSDGL	1614	>TP53-D186† ERCSDSHGL	108	1506
>TP53-D186† HERCSDSDGL	1468	>TP53-D186† HERCSDSHGL	374	1094
>TP53-D186† HERCSDSDGL	602	>TP53-D186† HERCSDSHGL	217	385
>TP53-D186† HERCSDSDGL	422	>TP53-D186† HERCSDSHGL	297	125
>TP53-D186† HHERCSDSDC	126	>TP53-D186† HHERCSDSHC	32	94
>TP53-D186† DGLAPPQHLI	968	>TP53-D186† NGLAPPQHLI	253	715
>TP53-D186† SDGLAPPQHI	104	>TP53-D186† SGLAPPQHI	4928	4824
>TP53-D186† CSDSDGLA	178	>TP53-D186† CSDSNGLA	98	80
>TP53-D186† ERCSDSDGL	1614	>TP53-D186† ERCSDSNGL	320	1294
>TP53-D186† HERCSDSDGL	602	>TP53-D186† HERCSDSNGL	370	232
>TP53-D186† HERCSDSDGL	422	>TP53-D186† HERCSDSNGL	378	44
>TP53-D186† HHERCSDSDC	126	>TP53-D186† HHERCSDSNC	51	75
>TP53-D186\ DGLAPPQHLI	968	>TP53-D186\ VGLAPPQHLI	391	577
>TP53-D186\ SDGLAPPQHI	104	>TP53-D186\ SVGLAPPQHI	18901	18797
>TP53-D186\ CPHHERCSDS	21354	>TP53-D186\ CPHHERCSDS	202	21152
>TP53-D186\ CPHHERCSDS	3038	>TP53-D186\ CPHHERCSDS	138	2900
>TP53-D186\ DSDGLAPPQI	17635	>TP53-D186\ DSVGLAPPQI	92	17543
>TP53-D186\ CSDSDGLA	178	>TP53-D186\ CSDSVGLA	133	45
>TP53-D186\ ERCSDSDGL	1614	>TP53-D186\ ERCSDSVGL	173	1441
>TP53-D186\ HERCSDSD	4473	>TP53-D186\ HERCSDSV	89	4384
>TP53-D186\ HERCSDSD	3245	>TP53-D186\ HERCSDSV	142	3103
>TP53-D186\ HERCSDSDGL	602	>TP53-D186\ HERCSDSVGL	238	364
>TP53-D186\ HERCSDSDGL	422	>TP53-D186\ HERCSDSVGL	317	105
>TP53-D186\ HERCSDSDGL	1489	>TP53-D186\ HERCSDSVGL	409	1080
>TP53-D186\ HHERCSDSD	16209	>TP53-D186\ HHERCSDSV	492	15717
>TP53-D186\ HHERCSDSDC	126	>TP53-D186\ HHERCSDSVC	38	88
>TP53-D207/ DDRNTFRHS\	3254	>TP53-D207/ ADRNTFRHS\	375	2879
>TP53-D207/ DDRNTFRHS\	2836	>TP53-D207/ ADRNTFRHS\	352	2484
>TP53-D207/ LDDRNTFRHS	9652	>TP53-D207/ LADRNTFRHS	317	9335
>TP53-D207/ LDDRNTFRHS	6054	>TP53-D207/ LADRNTFRHS	139	5915
>TP53-D207/ LDDRNTFRHS	5755	>TP53-D207/ LADRNTFRHS	24	5731
>TP53-D207/ LDDRNTFR	7912	>TP53-D207/ LADRNTFR	200	7712
>TP53-D207/ LDDRNTFR	4530	>TP53-D207/ LADRNTFR	90	4440
>TP53-D207/ LDDRNTFRHS	8196	>TP53-D207/ LADRNTFRHS	92	8104
>TP53-D207/ LDDRNTFRHS	482	>TP53-D207/ LADRNTFRHS	31318	30836
>TP53-D207/ VEGNLRVEYL	11817	>TP53-D207/ VEGNLRVEYL	95	11722
>TP53-D207/ YLDDRNTF	708	>TP53-D207/ YLADRNTF	48	660
>TP53-D207/ YLDDRNTFR	789	>TP53-D207/ YLADRNTFR	49	740
>TP53-D207/ YLDDRNTFR†	1276	>TP53-D207/ YLADRNTFR†	120	1156

>TP53-D207/YLDDRNTF	4668	>TP53-D207/YLADRNTF	199	4469
>TP53-D207/YLDDRNTFRH	3101	>TP53-D207/YLADRNTFRH	84	3017
>TP53-D207/YLDDRNTF	187	>TP53-D207/YLADRNTF	109	78
>TP53-D207/YLDDRNTFRH	333	>TP53-D207/YLADRNTFRH	202	131
>TP53-D207/YLDDRNTF	149	>TP53-D207/YLADRNTF	381	232
>TP53-D207/YLDDRNTFRH	155	>TP53-D207/YLADRNTFRH	388	233
>TP53-D207/YLDDRNTF	367	>TP53-D207/YLADRNTF	986	619
>TP53-D207/YLDDRNTF	87	>TP53-D207/YLADRNTF	27	60
>TP53-D207/YLDDRNTFR	189	>TP53-D207/YLADRNTFR	48	141
>TP53-D207/YLDDRNTFRH	187	>TP53-D207/YLADRNTFRH	60	127
>TP53-D207/YLDDRNTFRH	171	>TP53-D207/YLADRNTFRH	51	120
>TP53-D207/YLDDRNTFR	282	>TP53-D207/YLADRNTFR	43	239
>TP53-D207/YLDDRNTFR	55	>TP53-D207/YLADRNTFR	30	25
>TP53-D207/YLDDRNTFR	68	>TP53-D207/YLADRNTFR	6	62
>TP53-D207/YLDDRNTF	847	>TP53-D207/YLADRNTF	48	799
>TP53-D207/YLDDRNTF	255	>TP53-D207/YLADRNTF	45	210
>TP53-D207/YLDDRNTF	1092	>TP53-D207/YLADRNTF	26	1066
>TP53-D207/YLDDRNTF	1013	>TP53-D207/YLADRNTF	254	759
>TP53-D207/YLDDRNTF	2716	>TP53-D207/YLADRNTF	262	2454
>TP53-D207/YLDDRNTFR	336	>TP53-D207/YLADRNTFR	113	223
>TP53-D207/EYLDDRNTF	10690	>TP53-D207/EYLADRNTF	273	10417
>TP53-D207/EYLDDRNTF	103	>TP53-D207/EYLADRNTF	84	19
>TP53-D207/EYLDDRNTF	667	>TP53-D207/EYLADRNTF	465	202
>TP53-D207/EYLDDRNTF	18	>TP53-D207/EYLADRNTF	11	7
>TP53-D207/EYLDDRNTF	381	>TP53-D207/EYLADRNTF	1868	1487
>TP53-D207/EYLDDRNTF	301	>TP53-D207/EYLADRNTF	386	85
>TP53-D207/EYLDDRNTFR	328	>TP53-D207/EYLADRNTFR	318	10
>TP53-D207/EYLDDRNTFR	88	>TP53-D207/EYLADRNTFR	119	31
>TP53-D207/EYLDDRNTFR	508	>TP53-D207/EYLADRNTFR	323	185
>TP53-D207/EYLDDRNTFR	19	>TP53-D207/EYLADRNTFR	18	1
>TP53-D207/VEYLDDRNTF	622	>TP53-D207/VEYLADRNTF	211	411
>TP53-D207/VEYLDDRNTF	124	>TP53-D207/VEYLADRNTF	90	34
>TP53-D207/VEYLDDRNTF	870	>TP53-D207/VEYLADRNTF	438	432
>TP53-D207/VEYLDDRNTF	524	>TP53-D207/VEYLADRNTF	367	157
>TP53-D207/RVEYLDDR	433	>TP53-D207/RVEYLADR	81	352
>TP53-D207/RVEYLDDRNT	40	>TP53-D207/RVEYLADRNT	28	12
>TP53-D207/RVEYLDDR	652	>TP53-D207/RVEYLADR	450	202
>TP53-D207/RVEYLDDRNT	78	>TP53-D207/RVEYLADRNT	39	39
>TP53-D207E LDDRNTFRHS	2267	>TP53-D207E LEDRNTFRHS	39	2228
>TP53-D207E LDDRNTFRHS	20574	>TP53-D207E LEDRNTFRHS	229	20345
>TP53-D207E LDDRNTFRHS	5264	>TP53-D207E LEDRNTFRHS	164	5100
>TP53-D207E LDDRNTFRHS	482	>TP53-D207E LEDRNTFRHS	10751	10269
>TP53-D207EYLDDRNTF	187	>TP53-D207EYLEDRNTF	1561	1374



>TP53-D207EYLDDRNTFRH	333	>TP53-D207EYLEDNRNTRH	2759	2426
>TP53-D207EYLDDRNTF	149	>TP53-D207EYLEDNRNTF	3318	3169
>TP53-D207EYLDDRNTFRH	155	>TP53-D207EYLEDNRNTRH	2700	2545
>TP53-D207EYLDDRNTF	367	>TP53-D207EYLEDNRNTF	2950	2583
>TP53-D207EYLDDRNTF	87	>TP53-D207EYLEDNRNTF	159	72
>TP53-D207EYLDDRNTFR	189	>TP53-D207EYLEDNRNTR	365	176
>TP53-D207EYLDDRNTFRH	187	>TP53-D207EYLEDNRNTRH	359	172
>TP53-D207EYLDDRNTFRH	171	>TP53-D207EYLEDNRNTRH	296	125
>TP53-D207EYLDDRNTFR	282	>TP53-D207EYLEDNRNTR	87	195
>TP53-D207EYLDDRNTFR	55	>TP53-D207EYLEDNRNTR	41	14
>TP53-D207EYLDDRNTFR	68	>TP53-D207EYLEDNRNTR	33	35
>TP53-D207EYLDDRNTF	847	>TP53-D207EYLEDNRNTF	492	355
>TP53-D207EYLDDRNTF	255	>TP53-D207EYLEDNRNTF	120	135
>TP53-D207EYLDDRNTFR	336	>TP53-D207EYLEDNRNTR	162	174
>TP53-D207EYLLDDRNTF	103	>TP53-D207EYLEDNRNTF	115	12
>TP53-D207EYLLDDRNTF	18	>TP53-D207EYLEDNRNTF	11	7
>TP53-D207EYLLDDRNTF	381	>TP53-D207EYLEDNRNTF	350	31
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>TP53-D207EYLLDDRNTF	1315	>TP53-D207EYLEDNRNTF	248	1067
>TP53-D207EYLLDDRNTFR	328	>TP53-D207EYLEDNRNTR	640	312
>TP53-D207EYLLDDRNTFR	88	>TP53-D207EYLEDNRNTR	139	51
>TP53-D207EYLLDDRNTFR	19	>TP53-D207EYLEDNRNTR	24	5
>TP53-D207EVEYLDDRNTF	622	>TP53-D207EVEYLEDNRNTF	461	161
>TP53-D207EVEYLDDRNTF	124	>TP53-D207EVEYLEDNRNTF	116	8
>TP53-D207EVEYLDDRNTF	555	>TP53-D207EVEYLEDNRNTF	318	237
>TP53-D207EVEYLDDRNTF	524	>TP53-D207EVEYLEDNRNTF	303	221
>TP53-D207E RVEYLDDR	433	>TP53-D207E RVEYLEDNR	240	193
>TP53-D207E RVEYLDDRNT	40	>TP53-D207E RVEYLEDNRNT	42	2
>TP53-D207E RVEYLDDRNT	78	>TP53-D207E RVEYLEDNRNT	91	13
>TP53-D207(DDRNTFRHS\	5611	>TP53-D207(GDRNTFRHS\	264	5347
>TP53-D207(LDDRNTFRHS	482	>TP53-D207(LGDRNTFRHS	19100	18618
>TP53-D207(YLDDRNTF	187	>TP53-D207(YLGDRNTF	1089	902
>TP53-D207(YLDDRNTFRH	333	>TP53-D207(YLGDRNTFRH	1982	1649
>TP53-D207(YLDDRNTF	149	>TP53-D207(YLGDRNTF	462	313
>TP53-D207(YLDDRNTFRH	155	>TP53-D207(YLGDRNTFRH	454	299
>TP53-D207(YLDDRNTF	367	>TP53-D207(YLGDRNTF	861	494
>TP53-D207(YLDDRNTF	87	>TP53-D207(YLGDRNTF	64	23
>TP53-D207(YLDDRNTFR	189	>TP53-D207(YLGDRNTFR	130	59
>TP53-D207(YLDDRNTFRH	187	>TP53-D207(YLGDRNTFRH	141	46
>TP53-D207(YLDDRNTFRH	171	>TP53-D207(YLGDRNTFRH	117	54
>TP53-D207(YLDDRNTFR	282	>TP53-D207(YLGDRNTFR	74	208
>TP53-D207(YLDDRNTFR	55	>TP53-D207(YLGDRNTFR	37	18
>TP53-D207(YLDDRNTFR	68	>TP53-D207(YLGDRNTFR	45	23

>TP53-D207(YLDDRNTF	847	>TP53-D207(YLGDRNTF	65	782
>TP53-D207(YLDDRNTF	255	>TP53-D207(YLGDRNTF	137	118
>TP53-D207(YLDDRNTF	1092	>TP53-D207(YLGDRNTF	159	933
>TP53-D207(YLDDRNTFR	336	>TP53-D207(YLGDRNTFR	93	243
>TP53-D207(EYLDDRNTF	103	>TP53-D207(EYLGDRNTF	107	4
>TP53-D207(EYLDDRNTF	667	>TP53-D207(EYLGDRNTF	420	247
>TP53-D207(EYLDDRNTF	18	>TP53-D207(EYLGDRNTF	10	8
>TP53-D207(EYLDDRNTF	381	>TP53-D207(EYLGDRNTF	927	546
>TP53-D207(EYLDDRNTF	301	>TP53-D207(EYLGDRNTF	119	182
>TP53-D207(EYLDDRNTF	1315	>TP53-D207(EYLGDRNTF	315	1000
>TP53-D207(EYLDDRNTFR	328	>TP53-D207(EYLGDRNTFR	208	120
>TP53-D207(EYLDDRNTFR	88	>TP53-D207(EYLGDRNTFR	107	19
>TP53-D207(EYLDDRNTFR	508	>TP53-D207(EYLGDRNTFR	393	115
>TP53-D207(EYLDDRNTFR	19	>TP53-D207(EYLGDRNTFR	21	2
>TP53-D207(VEYLDDRNTF	124	>TP53-D207(VEYLGDRNTF	125	1
>TP53-D207(RVEYLDDR	433	>TP53-D207(RVEYLGDR	215	218
>TP53-D207(RVEYLDDRNT	40	>TP53-D207(RVEYLGDRNT	40	0
>TP53-D207(RVEYLDDRNT	78	>TP53-D207(RVEYLGDRNT	37	41
>TP53-D207\DDRNTFRHS\	5611	>TP53-D207\YDRNTFRHSV	138	5473
>TP53-D207\LDDRNTFRHS	5755	>TP53-D207\LYDRNTFRHS	57	5698
>TP53-D207\LDDRNTFRHS	26053	>TP53-D207\LYDRNTFRHS	250	25803
>TP53-D207\LDDRNTFR	7912	>TP53-D207\LYDRNTFR	91	7821
>TP53-D207\LDDRNTFR	17204	>TP53-D207\LYDRNTFR	163	17041
>TP53-D207\LDDRNTFR	8279	>TP53-D207\LYDRNTFR	76	8203
>TP53-D207\LDDRNTFRHS	482	>TP53-D207\LYDRNTFRHS	24984	24502
>TP53-D207\VEGNLRVEYL	24961	>TP53-D207\VEGNLRVEYL	187	24774
>TP53-D207\VEGNLRVEYL	12144	>TP53-D207\VEGNLRVEYL	157	11987
>TP53-D207\VEGNLRVEYL	6547	>TP53-D207\VEGNLRVEYL	231	6316
>TP53-D207\YLDDRNTF	708	>TP53-D207\YLYDRNTF	160	548
>TP53-D207\YLDDRNTFR	789	>TP53-D207\YLYDRNTFR	112	677
>TP53-D207\YLDDRNTFR+	1276	>TP53-D207\YLYDRNTFRH	248	1028
>TP53-D207\YLDDRNTF	4668	>TP53-D207\YLYDRNTF	102	4566
>TP53-D207\YLDDRNTFR	9299	>TP53-D207\YLYDRNTFR	309	8990
>TP53-D207\YLDDRNTFR+	3101	>TP53-D207\YLYDRNTFRH	47	3054
>TP53-D207\YLDDRNTF	187	>TP53-D207\YLYDRNTF	102	85
>TP53-D207\YLDDRNTFR+	333	>TP53-D207\YLYDRNTFRH	115	218
>TP53-D207\YLDDRNTF	149	>TP53-D207\YLYDRNTF	26	123
>TP53-D207\YLDDRNTFR	1191	>TP53-D207\YLYDRNTFR	196	995
>TP53-D207\YLDDRNTFR+	800	>TP53-D207\YLYDRNTFRH	136	664
>TP53-D207\YLDDRNTFR+	155	>TP53-D207\YLYDRNTFRH	31	124
>TP53-D207\YLDDRNTF	367	>TP53-D207\YLYDRNTF	197	170
>TP53-D207\YLDDRNTFR+	1022	>TP53-D207\YLYDRNTFRH	496	526
>TP53-D207\YLDDRNTFR+	648	>TP53-D207\YLYDRNTFRH	253	395

>TP53-D207\YLDDRNTF	87	>TP53-D207\YLYDRNTF	11	76
>TP53-D207\YLDDRNTFR	189	>TP53-D207\YLYDRNTFR	18	171
>TP53-D207\YLDDRNTFRH	187	>TP53-D207\YLYDRNTFRH	20	167
>TP53-D207\YLDDRNTFRH	171	>TP53-D207\YLYDRNTFRH	22	149
>TP53-D207\YLDDRNTFR	4049	>TP53-D207\YLYDRNTFR	70	3979
>TP53-D207\YLDDRNTFR	5350	>TP53-D207\YLYDRNTFR	441	4909
>TP53-D207\YLDDRNTF	5543	>TP53-D207\YLYDRNTF	308	5235
>TP53-D207\YLDDRNTF	4578	>TP53-D207\YLYDRNTF	407	4171
>TP53-D207\YLDDRNTFR	282	>TP53-D207\YLYDRNTFR	14	268
>TP53-D207\YLDDRNTF	2286	>TP53-D207\YLYDRNTF	112	2174
>TP53-D207\YLDDRNTFR	55	>TP53-D207\YLYDRNTFR	14	41
>TP53-D207\YLDDRNTFR	68	>TP53-D207\YLYDRNTFR	5	63
>TP53-D207\YLDDRNTF	847	>TP53-D207\YLYDRNTF	35	812
>TP53-D207\YLDDRNTF	255	>TP53-D207\YLYDRNTF	21	234
>TP53-D207\YLDDRNTF	1092	>TP53-D207\YLYDRNTF	7	1085
>TP53-D207\YLDDRNTF	1811	>TP53-D207\YLYDRNTF	48	1763
>TP53-D207\YLDDRNTF	1013	>TP53-D207\YLYDRNTF	210	803
>TP53-D207\YLDDRNTF	2716	>TP53-D207\YLYDRNTF	405	2311
>TP53-D207\YLDDRNTFR	336	>TP53-D207\YLYDRNTFR	41	295
>TP53-D207\EYLDDRNTF	103	>TP53-D207\EYLYDRNTF	58	45
>TP53-D207\EYLDDRNTF	667	>TP53-D207\EYLYDRNTF	313	354
>TP53-D207\EYLDDRNTF	18	>TP53-D207\EYLYDRNTF	16	2
>TP53-D207\EYLDDRNTF	381	>TP53-D207\EYLYDRNTF	1511	1130
>TP53-D207\EYLDDRNTF	301	>TP53-D207\EYLYDRNTF	237	64
>TP53-D207\EYLDDRNTFR	328	>TP53-D207\EYLYDRNTFR	231	97
>TP53-D207\EYLDDRNTFR	88	>TP53-D207\EYLYDRNTFR	53	35
>TP53-D207\EYLDDRNTFR	508	>TP53-D207\EYLYDRNTFR	276	232
>TP53-D207\EYLDDRNTFR	19	>TP53-D207\EYLYDRNTFR	30	11
>TP53-D207\VEYLDDRNTF	622	>TP53-D207\VEYLYDRNTF	123	499
>TP53-D207\VEYLDDRNTF	124	>TP53-D207\VEYLYDRNTF	62	62
>TP53-D207\VEYLDDRNT	2368	>TP53-D207\VEYLYDRNT	340	2028
>TP53-D207\VEYLDDRNTF	870	>TP53-D207\VEYLYDRNTF	395	475
>TP53-D207\VEYLDDRNTF	524	>TP53-D207\VEYLYDRNTF	246	278
>TP53-D207\RVEYLDDR	433	>TP53-D207\RVEYLYDR	24	409
>TP53-D207\RVEYLDDRNT	40	>TP53-D207\RVEYLYDRNT	33	7
>TP53-D207\RVEYLDDR	652	>TP53-D207\RVEYLYDR	452	200
>TP53-D207\RVEYLDDRNT	78	>TP53-D207\RVEYLYDRNT	48	30
>TP53-D207\RVEYLDDR	1045	>TP53-D207\RVEYLYDR	245	800
>TP53-D207\LRVEYLDDR	1926	>TP53-D207\LRVEYLYDR	358	1568
>TP53-D207\NLRVEYLD	24593	>TP53-D207\NLRVEYLY	61	24532
>TP53-D207\NLRVEYLDDR	3664	>TP53-D207\NLRVEYLYDR	385	3279
>TP53-D207\NLRVEYLD	26059	>TP53-D207\NLRVEYLY	205	25854
>TP53-D207\NLRVEYLD	34863	>TP53-D207\NLRVEYLY	433	34430

>TP53-D207\NLRVEYLD	35055	>TP53-D207\NLRVEYLY	228	34827
>TP53-D207\GNLRVEYLD	24466	>TP53-D207\GNLRVEYLY	100	24366
>TP53-D207\GNLRVEYLD	27879	>TP53-D207\GNLRVEYLY	307	27572
>TP53-D207\GNLRVEYLD	37942	>TP53-D207\GNLRVEYLY	462	37480
>TP53-D207\EGNLRVEYLD	32898	>TP53-D207\EGNLRVEYLY	337	32561
>TP53-D208\DRNTFRHSV	2182	>TP53-D208\ERNTFRHSV	231	1951
>TP53-D208\DRNTFRHSV\	1923	>TP53-D208\ERNTFRHSV\	353	1570
>TP53-D208\DDRNTFRHS\	5165	>TP53-D208\DERNTFRHS\	123	5042
>TP53-D208\DDRNTFRH	15680	>TP53-D208\DERNTFRH	312	15368
>TP53-D208\DDRNTFRHS\	9668	>TP53-D208\DERNTFRHS\	115	9553
>TP53-D208\LDDRNTFRHS	482	>TP53-D208\LDERNTFRHS	356	126
>TP53-D208\YLDDRNTF	187	>TP53-D208\YLDERNTF	220	33
>TP53-D208\YLDDRNTFR\	333	>TP53-D208\YLDERNTFR\	335	2
>TP53-D208\YLDDRNTF	149	>TP53-D208\YLDERNTF	100	49
>TP53-D208\YLDDRNTFR\	155	>TP53-D208\YLDERNTFR\	99	56
>TP53-D208\YLDDRNTF	367	>TP53-D208\YLDERNTF	325	42
>TP53-D208\YLDDRNTFR\	648	>TP53-D208\YLDERNTFR\	494	154
>TP53-D208\YLDDRNTF	87	>TP53-D208\YLDERNTF	221	134
>TP53-D208\YLDDRNTFR	189	>TP53-D208\YLDERNTFR	647	458
>TP53-D208\YLDDRNTFR\	187	>TP53-D208\YLDERNTFR\	469	282
>TP53-D208\YLDDRNTFR\	171	>TP53-D208\YLDERNTFR\	478	307
>TP53-D208\YLDDRNTFR	282	>TP53-D208\YLDERNTFR	404	122
>TP53-D208\YLDDRNTFR	55	>TP53-D208\YLDERNTFR	42	13
>TP53-D208\YLDDRNTFR	68	>TP53-D208\YLDERNTFR	61	7
>TP53-D208\YLDDRNTF	255	>TP53-D208\YLDERNTF	175	80
>TP53-D208\YLDDRNTFR	336	>TP53-D208\YLDERNTFR	737	401
>TP53-D208\EYLDDRNTF	103	>TP53-D208\EYLDERNTF	54	49
>TP53-D208\EYLDDRNTF	667	>TP53-D208\EYLDERNTF	343	324
>TP53-D208\EYLDDRNTF	18	>TP53-D208\EYLDERNTF	12	6
>TP53-D208\EYLDDRNTF	381	>TP53-D208\EYLDERNTF	543	162
>TP53-D208\EYLDDRNTF	301	>TP53-D208\EYLDERNTF	684	383
>TP53-D208\EYLDDRNTFR	328	>TP53-D208\EYLDERNTFR	359	31
>TP53-D208\EYLDDRNTFR	88	>TP53-D208\EYLDERNTFR	127	39
>TP53-D208\EYLDDRNTFR	19	>TP53-D208\EYLDERNTFR	16	3
>TP53-D208\VEYLDDRNTF	622	>TP53-D208\VEYLDERNTF	362	260
>TP53-D208\VEYLDDRNTF	124	>TP53-D208\VEYLDERNTF	93	31
>TP53-D208\VEYLDDRNTF	555	>TP53-D208\VEYLDERNTF	282	273
>TP53-D208\RVEYLDDR	433	>TP53-D208\RVEYLDER	61	372
>TP53-D208\RVEYLDDRNT	40	>TP53-D208\RVEYLDERNT	35	5
>TP53-D208\RVEYLDDR	652	>TP53-D208\RVEYLDER	219	433
>TP53-D208\RVEYLDDRNT	78	>TP53-D208\RVEYLDERNT	80	2
>TP53-D208\DRNTFRHSV	1236	>TP53-D208\GRNTFRHSV	90	1146
>TP53-D208\DRNTFRHSV\	3881	>TP53-D208\GRNTFRHSV\	209	3672

>TP53-D208C DRNTFRHSV\	3275	>TP53-D208C GRNTFRHSV\	298	2977
>TP53-D208C DRNTFRHSV	4488	>TP53-D208C GRNTFRHSV	128	4360
>TP53-D208C DRNTFRHSV\	5415	>TP53-D208C GRNTFRHSV\	208	5207
>TP53-D208C LDDRNTFRHS	482	>TP53-D208C LDGRNTFRHS	1091	609
>TP53-D208C YLDDRNTF	187	>TP53-D208C YLDGRNTF	801	614
>TP53-D208C YLDDRNTFR†	333	>TP53-D208C YLDGRNTFR†	1336	1003
>TP53-D208C YLDDRNTF	149	>TP53-D208C YLDGRNTF	256	107
>TP53-D208C YLDDRNTFR†	155	>TP53-D208C YLDGRNTFR†	280	125
>TP53-D208C YLDDRNTF	367	>TP53-D208C YLDGRNTF	1924	1557
>TP53-D208C YLDDRNTF	87	>TP53-D208C YLDGRNTF	153	66
>TP53-D208C YLDDRNTFR	189	>TP53-D208C YLDGRNTFR	514	325
>TP53-D208C YLDDRNTFR†	187	>TP53-D208C YLDGRNTFR†	400	213
>TP53-D208C YLDDRNTFR†	171	>TP53-D208C YLDGRNTFR†	391	220
>TP53-D208C YLDDRNTFR	282	>TP53-D208C YLDGRNTFR	443	161
>TP53-D208C YLDDRNTFR	55	>TP53-D208C YLDGRNTFR	58	3
>TP53-D208C YLDDRNTFR	68	>TP53-D208C YLDGRNTFR	87	19
>TP53-D208C YLDDRNTF	255	>TP53-D208C YLDGRNTF	95	160
>TP53-D208C YLDDRNTFR	336	>TP53-D208C YLDGRNTFR	475	139
>TP53-D208C EYLDDRNTF	103	>TP53-D208C EYLDGRNTF	72	31
>TP53-D208C EYLDDRNTF	667	>TP53-D208C EYLDGRNTF	483	184
>TP53-D208C EYLDDRNTF	18	>TP53-D208C EYLDGRNTF	11	7
>TP53-D208C EYLDDRNTF	381	>TP53-D208C EYLDGRNTF	173	208
>TP53-D208C EYLDDRNTF	301	>TP53-D208C EYLDGRNTF	501	200
>TP53-D208C EYLDDRNTFR	328	>TP53-D208C EYLDGRNTFR	174	154
>TP53-D208C EYLDDRNTFR	88	>TP53-D208C EYLDGRNTFR	88	0
>TP53-D208C EYLDDRNTFR	508	>TP53-D208C EYLDGRNTFR	292	216
>TP53-D208C EYLDDRNTFR	19	>TP53-D208C EYLDGRNTFR	22	3
>TP53-D208C VEYLDDRNTF	622	>TP53-D208C VEYLDGRNTF	410	212
>TP53-D208C VEYLDDRNTF	124	>TP53-D208C VEYLDGRNTF	49	75
>TP53-D208C RVEYLDDR	433	>TP53-D208C RVEYLDGR	129	304
>TP53-D208C RVEYLDDRNT	40	>TP53-D208C RVEYLDGRNT	64	24
>TP53-D208C RVEYLDDR	652	>TP53-D208C RVEYLDGR	385	267
>TP53-D208C RVEYLDDRNT	1271	>TP53-D208C RVEYLDGRNT	417	854
>TP53-D208C RVEYLDDRNT	78	>TP53-D208C RVEYLDGRNT	42	36
>TP53-D208C LRVEYLDDR	1926	>TP53-D208C LRVEYLDGR	302	1624
>TP53-D208† DRNTFRHSV	2455	>TP53-D208† HRNTFRHSV	491	1964
>TP53-D208† DRNTFRHSV\	2444	>TP53-D208† HRNTFRHSV\	381	2063
>TP53-D208† DRNTFRHSV\	1973	>TP53-D208† HRNTFRHSV\	294	1679
>TP53-D208† DRNTFRHSV	1236	>TP53-D208† HRNTFRHSV	54	1182
>TP53-D208† DRNTFRHSV\	3881	>TP53-D208† HRNTFRHSV\	58	3823
>TP53-D208† DRNTFRHSV\	3275	>TP53-D208† HRNTFRHSV\	140	3135
>TP53-D208† DRNTFRHSV	2649	>TP53-D208† HRNTFRHSV	83	2566
>TP53-D208† DRNTFRHSV\	3714	>TP53-D208† HRNTFRHSV\	143	3571

>TP53-D208f DRNTFRHSV\	1923	>TP53-D208f HRNTFRHSV\	57	1866
>TP53-D208f DRNTFRHSV	4488	>TP53-D208f HRNTFRHSV	283	4205
>TP53-D208f DRNTFRHSV\	5415	>TP53-D208f HRNTFRHSV\	489	4926
>TP53-D208f LDDRNTFRHS	482	>TP53-D208f LDHRNTFRHS	587	105
>TP53-D208f YLDDRNTF	187	>TP53-D208f YLDHRNTF	873	686
>TP53-D208f YLDDRNTFRf	333	>TP53-D208f YLDHRNTFRf	1505	1172
>TP53-D208f YLDDRNTF	149	>TP53-D208f YLDHRNTF	1009	860
>TP53-D208f YLDDRNTFRf	155	>TP53-D208f YLDHRNTFRf	934	779
>TP53-D208f YLDDRNTF	367	>TP53-D208f YLDHRNTF	1427	1060
>TP53-D208f YLDDRNTF	87	>TP53-D208f YLDHRNTF	1488	1401
>TP53-D208f YLDDRNTFR	189	>TP53-D208f YLDHRNTFR	4892	4703
>TP53-D208f YLDDRNTFRf	187	>TP53-D208f YLDHRNTFRf	2647	2460
>TP53-D208f YLDDRNTFRf	171	>TP53-D208f YLDHRNTFRf	2809	2638
>TP53-D208f YLDDRNTFR	282	>TP53-D208f YLDHRNTFR	215	67
>TP53-D208f YLDDRNTFR	55	>TP53-D208f YLDHRNTFR	46	9
>TP53-D208f YLDDRNTFR	68	>TP53-D208f YLDHRNTFR	83	15
>TP53-D208f YLDDRNTF	255	>TP53-D208f YLDHRNTF	183	72
>TP53-D208f YLDDRNTF	1092	>TP53-D208f YLDHRNTF	275	817
>TP53-D208f YLDDRNTFR	336	>TP53-D208f YLDHRNTFR	571	235
>TP53-D208f EYLDDRNTF	103	>TP53-D208f EYLDHRNTF	76	27
>TP53-D208f EYLDDRNTF	667	>TP53-D208f EYLDHRNTF	285	382
>TP53-D208f EYLDDRNTF	18	>TP53-D208f EYLDHRNTF	13	5
>TP53-D208f EYLDDRNTF	381	>TP53-D208f EYLDHRNTF	98	283
>TP53-D208f EYLDDRNTF	301	>TP53-D208f EYLDHRNTF	174	127
>TP53-D208f EYLDDRNTFR	328	>TP53-D208f EYLDHRNTFR	68	260
>TP53-D208f EYLDDRNTFR	88	>TP53-D208f EYLDHRNTFR	93	5
>TP53-D208f EYLDDRNTFR	508	>TP53-D208f EYLDHRNTFR	188	320
>TP53-D208f EYLDDRNTFR	19	>TP53-D208f EYLDHRNTFR	17	2
>TP53-D208f VEYLDDRNTF	622	>TP53-D208f VEYLDHRNTF	431	191
>TP53-D208f VEYLDDRNTF	124	>TP53-D208f VEYLDHRNTF	56	68
>TP53-D208f VEYLDDRNTF	594	>TP53-D208f VEYLDHRNTF	456	138
>TP53-D208f VEYLDDRNTF	870	>TP53-D208f VEYLDHRNTF	364	506
>TP53-D208f VEYLDDRNTF	524	>TP53-D208f VEYLDHRNTF	475	49
>TP53-D208f RVEYLDDR	433	>TP53-D208f RVEYLDHR	26	407
>TP53-D208f RVEYLDDRNT	40	>TP53-D208f RVEYLDHRNT	30	10
>TP53-D208f RVEYLDDR	652	>TP53-D208f RVEYLDHR	269	383
>TP53-D208f RVEYLDDRNT	1271	>TP53-D208f RVEYLDHRNT	353	918
>TP53-D208f RVEYLDDRNT	78	>TP53-D208f RVEYLDHRNT	103	25
>TP53-D208f RVEYLDDR	1045	>TP53-D208f RVEYLDHR	175	870
>TP53-D208f LRVEYLDDR	1926	>TP53-D208f LRVEYLDHR	330	1596
>TP53-D208f DRNTFRHSV	2455	>TP53-D208f IRNTFRHSV	176	2279
>TP53-D208f DRNTFRHSV\	2444	>TP53-D208f IRNTFRHSV\	146	2298
>TP53-D208f DRNTFRHSV\	1973	>TP53-D208f IRNTFRHSV\	107	1866

>TP53-D208I DRNTFRHSV	1236	>TP53-D208I IRNTFRHSV	178	1058
>TP53-D208I DRNTFRHSV\	3881	>TP53-D208I IRNTFRHSV\	426	3455
>TP53-D208I DRNTFRHSV	4488	>TP53-D208I IRNTFRHSV	417	4071
>TP53-D208I DDRNTFRHS\	28653	>TP53-D208I DIRNTFRHSV	395	28258
>TP53-D208I DDRNTFRHS\	4765	>TP53-D208I DIRNTFRHSV	424	4341
>TP53-D208I LDDRNTFR	4530	>TP53-D208I LDIRNTFR	349	4181
>TP53-D208I LDDRNTFRHS\	482	>TP53-D208I LDIRNTFRHS\	245	237
>TP53-D208I YLDDRNTF	187	>TP53-D208I YLDIRNTF	2039	1852
>TP53-D208I YLDDRNTFR\	333	>TP53-D208I YLDIRNTFRH\	2596	2263
>TP53-D208I YLDDRNTF	149	>TP53-D208I YLDIRNTF	686	537
>TP53-D208I YLDDRNTFR\	155	>TP53-D208I YLDIRNTFRH\	776	621
>TP53-D208I YLDDRNTF	367	>TP53-D208I YLDIRNTF	4028	3661
>TP53-D208I YLDDRNTF	87	>TP53-D208I YLDIRNTF	941	854
>TP53-D208I YLDDRNTFR	189	>TP53-D208I YLDIRNTFR	3570	3381
>TP53-D208I YLDDRNTFR\	187	>TP53-D208I YLDIRNTFRH\	2049	1862
>TP53-D208I YLDDRNTFR\	171	>TP53-D208I YLDIRNTFRH\	2273	2102
>TP53-D208I YLDDRNTFR	282	>TP53-D208I YLDIRNTFR	214	68
>TP53-D208I YLDDRNTFR	55	>TP53-D208I YLDIRNTFR	55	0
>TP53-D208I YLDDRNTFR	68	>TP53-D208I YLDIRNTFR	63	5
>TP53-D208I YLDDRNTF	255	>TP53-D208I YLDIRNTF	365	110
>TP53-D208I YLDDRNTFR	336	>TP53-D208I YLDIRNTFR	503	167
>TP53-D208I EYLDDRNTF	103	>TP53-D208I EYLDIRNTF	28	75
>TP53-D208I EYLDDRNTF	667	>TP53-D208I EYLDIRNTF	150	517
>TP53-D208I EYLDDRNTF	18	>TP53-D208I EYLDIRNTF	10	8
>TP53-D208I EYLDDRNTF	381	>TP53-D208I EYLDIRNTF	231	150
>TP53-D208I EYLDDRNTF	301	>TP53-D208I EYLDIRNTF	950	649
>TP53-D208I EYLDDRNTFR	328	>TP53-D208I EYLDIRNTFR	59	269
>TP53-D208I EYLDDRNTFR	88	>TP53-D208I EYLDIRNTFR	30	58
>TP53-D208I EYLDDRNTFR	508	>TP53-D208I EYLDIRNTFR	153	355
>TP53-D208I EYLDDRNTFR	19	>TP53-D208I EYLDIRNTFR	13	6
>TP53-D208I VEYLDDRNTF	622	>TP53-D208I VEYLDIRNTF	127	495
>TP53-D208I VEYLDDRNTF	124	>TP53-D208I VEYLDIRNTF	86	38
>TP53-D208I VEYLDDRNTF	1478	>TP53-D208I VEYLDIRNTF	488	990
>TP53-D208I VEYLDDRNTF	594	>TP53-D208I VEYLDIRNTF	313	281
>TP53-D208I VEYLDDRNTF	1119	>TP53-D208I VEYLDIRNTF	468	651
>TP53-D208I VEYLDDRNTF	870	>TP53-D208I VEYLDIRNTF	253	617
>TP53-D208I VEYLDDRNTF	2225	>TP53-D208I VEYLDIRNTF	448	1777
>TP53-D208I VEYLDDRNTF	524	>TP53-D208I VEYLDIRNTFF	471	53
>TP53-D208I RVEYLDDR	433	>TP53-D208I RVEYLDIR	85	348
>TP53-D208I RVEYLDDRNT	40	>TP53-D208I RVEYLDIRNTI	20	20
>TP53-D208I RVEYLDDR	652	>TP53-D208I RVEYLDIR	437	215
>TP53-D208I RVEYLDDRNT	1271	>TP53-D208I RVEYLDIRNTI	471	800
>TP53-D208I RVEYLDDRNT	78	>TP53-D208I RVEYLDIRNTI	55	23

>TP53-D208†DRNTFRHSV	1236	>TP53-D208†NRNTFRHSV	374	862
>TP53-D208†DRNTFRHSV	2649	>TP53-D208†NRNTFRHSV	160	2489
>TP53-D208†DRNTFRHSV\	3714	>TP53-D208†NRNTFRHSV\	299	3415
>TP53-D208†DRNTFRHSV\	1923	>TP53-D208†NRNTFRHSV\	109	1814
>TP53-D208†LDDRNTFRHS	482	>TP53-D208†LDNRNTFRHS	392	90
>TP53-D208†YLDDRNTF	187	>TP53-D208†YLDNRNTF	804	617
>TP53-D208†YLDDRNTFR†	333	>TP53-D208†YLDNRNTFR†	1124	791
>TP53-D208†YLDDRNTF	149	>TP53-D208†YLDNRNTF	331	182
>TP53-D208†YLDDRNTFR†	155	>TP53-D208†YLDNRNTFR†	403	248
>TP53-D208†YLDDRNTF	367	>TP53-D208†YLDNRNTF	648	281
>TP53-D208†YLDDRNTF	87	>TP53-D208†YLDNRNTF	499	412
>TP53-D208†YLDDRNTFR	189	>TP53-D208†YLDNRNTFR	2073	1884
>TP53-D208†YLDDRNTFR†	187	>TP53-D208†YLDNRNTFR†	1189	1002
>TP53-D208†YLDDRNTFR†	171	>TP53-D208†YLDNRNTFR†	1255	1084
>TP53-D208†YLDDRNTFR	282	>TP53-D208†YLDNRNTFR	171	111
>TP53-D208†YLDDRNTFR	55	>TP53-D208†YLDNRNTFR	56	1
>TP53-D208†YLDDRNTFR	68	>TP53-D208†YLDNRNTFR	68	0
>TP53-D208†YLDDRNTF	255	>TP53-D208†YLDNRNTF	135	120
>TP53-D208†YLDDRNTF	1092	>TP53-D208†YLDNRNTF	396	696
>TP53-D208†YLDDRNTFR	336	>TP53-D208†YLDNRNTFR	821	485
>TP53-D208†EYLDDRNTF	103	>TP53-D208†EYLDNRNTF	37	66
>TP53-D208†EYLDDRNTF	667	>TP53-D208†EYLDNRNTF	281	386
>TP53-D208†EYLDDRNTF	18	>TP53-D208†EYLDNRNTF	10	8
>TP53-D208†EYLDDRNTF	381	>TP53-D208†EYLDNRNTF	168	213
>TP53-D208†EYLDDRNTF	301	>TP53-D208†EYLDNRNTF	645	344
>TP53-D208†EYLDDRNTFR	328	>TP53-D208†EYLDNRNTFR	113	215
>TP53-D208†EYLDDRNTFR	88	>TP53-D208†EYLDNRNTFR	59	29
>TP53-D208†EYLDDRNTFR	508	>TP53-D208†EYLDNRNTFR	374	134
>TP53-D208†EYLDDRNTFR	19	>TP53-D208†EYLDNRNTFR	16	3
>TP53-D208†VEYLDDRNTF	622	>TP53-D208†VEYLDNRNTF	313	309
>TP53-D208†VEYLDDRNTF	124	>TP53-D208†VEYLDNRNTF	59	65
>TP53-D208†VEYLDDRNTF	594	>TP53-D208†VEYLDNRNTF	420	174
>TP53-D208†RVEYLDDR	433	>TP53-D208†RVEYLDNR	48	385
>TP53-D208†RVEYLDDRNT	40	>TP53-D208†RVEYLDNRNT	33	7
>TP53-D208†RVEYLDDR	652	>TP53-D208†RVEYLDNR	296	356
>TP53-D208†RVEYLDDRNT	78	>TP53-D208†RVEYLDNRNT	70	8
>TP53-D208†RVEYLDDR	1045	>TP53-D208†RVEYLDNR	345	700
>TP53-D208†LRVEYLDDR	1926	>TP53-D208†LRVEYLDNR	415	1511
>TP53-D208\DRNTFRHSV	2455	>TP53-D208\VRNTFRHSV	413	2042
>TP53-D208\DRNTFRHSV\	2444	>TP53-D208\VRNTFRHSV\	325	2119
>TP53-D208\DRNTFRHSV\	1973	>TP53-D208\VRNTFRHSV\	241	1732
>TP53-D208\DRNTFRHSV	1236	>TP53-D208\VRNTFRHSV	236	1000
>TP53-D208\DDRNTFRHS\	19720	>TP53-D208\VRNTFRHS\	255	19465



>TP53-D208\DDRNTFRHS\	15102	>TP53-D208\DVRNTFRHS\	399	14703
>TP53-D208\LDDRNTFRHS	482	>TP53-D208\LDVRNTFRHS	371	111
>TP53-D208\YLDDRNTF	187	>TP53-D208\YLDVRNTF	1657	1470
>TP53-D208\YLDDRNTFRH	333	>TP53-D208\YLDVRNTFRH	2187	1854
>TP53-D208\YLDDRNTF	149	>TP53-D208\YLDVRNTF	1214	1065
>TP53-D208\YLDDRNTFRH	155	>TP53-D208\YLDVRNTFRH	1452	1297
>TP53-D208\YLDDRNTF	367	>TP53-D208\YLDVRNTF	2946	2579
>TP53-D208\YLDDRNTF	87	>TP53-D208\YLDVRNTF	1423	1336
>TP53-D208\YLDDRNTFR	189	>TP53-D208\YLDVRNTFR	4765	4576
>TP53-D208\YLDDRNTFRH	187	>TP53-D208\YLDVRNTFRH	2642	2455
>TP53-D208\YLDDRNTFRH	171	>TP53-D208\YLDVRNTFRH	3000	2829
>TP53-D208\YLDDRNTFR	282	>TP53-D208\YLDVRNTFR	163	119
>TP53-D208\YLDDRNTFR	55	>TP53-D208\YLDVRNTFR	41	14
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>TP53-D208\YLDDRNTF	255	>TP53-D208\YLDVRNTF	218	37
>TP53-D208\YLDDRNTFR	336	>TP53-D208\YLDVRNTFR	1080	744
>TP53-D208\EYLDDRNTF	103	>TP53-D208\EYLDVRNTF	31	72
>TP53-D208\EYLDDRNTF	667	>TP53-D208\EYLDVRNTF	170	497
>TP53-D208\EYLDDRNTF	18	>TP53-D208\EYLDVRNTF	8	10
>TP53-D208\EYLDDRNTF	381	>TP53-D208\EYLDVRNTF	221	160
>TP53-D208\EYLDDRNTF	301	>TP53-D208\EYLDVRNTF	1141	840
>TP53-D208\EYLDDRNTFR	328	>TP53-D208\EYLDVRNTFR	85	243
>TP53-D208\EYLDDRNTFR	88	>TP53-D208\EYLDVRNTFR	26	62
>TP53-D208\EYLDDRNTFR	508	>TP53-D208\EYLDVRNTFR	96	412
>TP53-D208\EYLDDRNTFR	19	>TP53-D208\EYLDVRNTFR	20	1
>TP53-D208\VEYLDDRNTF	622	>TP53-D208\VEYLDVRNTF	96	526
>TP53-D208\VEYLDDRNTF	124	>TP53-D208\VEYLDVRNTF	63	61
>TP53-D208\VEYLDDRNTF	594	>TP53-D208\VEYLDVRNTF	265	329
>TP53-D208\VEYLDDRNTF	870	>TP53-D208\VEYLDVRNTF	318	552
>TP53-D208\RVEYLDDR	433	>TP53-D208\RVEYLDVR	66	367
>TP53-D208\RVEYLDDRNT	40	>TP53-D208\RVEYLDVRNT	19	21
>TP53-D208\RVEYLDDR	652	>TP53-D208\RVEYLDVR	365	287
>TP53-D208\RVEYLDDRNT	78	>TP53-D208\RVEYLDVRNT	60	18
>TP53-D208\RVEYLDDR	1045	>TP53-D208\RVEYLDVR	430	615
>TP53-D208\NLRVEYLDD	24926	>TP53-D208\NLRVEYLDV	417	24509
>TP53-D208\NLRVEYLDD	33837	>TP53-D208\NLRVEYLDV	44	33793
>TP53-D208\DRNTFRHSV	20496	>TP53-D208\YRNTFRHSV	200	20296
>TP53-D208\DRNTFRHSV	2455	>TP53-D208\YRNTFRHSV	118	2337
>TP53-D208\DRNTFRHSV\	2444	>TP53-D208\YRNTFRHSV\	88	2356
>TP53-D208\DRNTFRHSV\	1973	>TP53-D208\YRNTFRHSV\	68	1905
>TP53-D208\DRNTFRHS	8536	>TP53-D208\YRNTFRHS	425	8111
>TP53-D208\DRNTFRHSV	1236	>TP53-D208\YRNTFRHSV	52	1184
>TP53-D208\DRNTFRHSV\	3881	>TP53-D208\YRNTFRHSV\	406	3475

>TP53-D208\DRNTFRHSV\	3275	>TP53-D208\YRNTFRHSV\	114	3161
>TP53-D208\DRNTFRHSV	2649	>TP53-D208\YRNTFRHSV	65	2584
>TP53-D208\DRNTFRHSV\	3714	>TP53-D208\YRNTFRHSV\	115	3599
>TP53-D208\DRNTFRHSV\	1923	>TP53-D208\YRNTFRHSV\	48	1875
>TP53-D208\LDDRNTFRHS	2267	>TP53-D208\LDYRNTFRHS	100	2167
>TP53-D208\LDDRNTFR	4530	>TP53-D208\LDYRNTFR	247	4283
>TP53-D208\LDDRNTFRHS	5264	>TP53-D208\LDYRNTFRHS	251	5013
>TP53-D208\LDDRNTFRHS	482	>TP53-D208\LDYRNTFRHS	249	233
>TP53-D208\YLDDRNTF	187	>TP53-D208\YLDYRNTF	1245	1058
>TP53-D208\YLDDRNTFRH	333	>TP53-D208\YLDYRNTFRH	1848	1515
>TP53-D208\YLDDRNTF	149	>TP53-D208\YLDYRNTF	1508	1359
>TP53-D208\YLDDRNTFRH	155	>TP53-D208\YLDYRNTFRH	1806	1651
>TP53-D208\YLDDRNTF	367	>TP53-D208\YLDYRNTF	1755	1388
>TP53-D208\YLDDRNTF	87	>TP53-D208\YLDYRNTF	2389	2302
>TP53-D208\YLDDRNTFR	189	>TP53-D208\YLDYRNTFR	8773	8584
>TP53-D208\YLDDRNTFRH	187	>TP53-D208\YLDYRNTFRH	4549	4362
>TP53-D208\YLDDRNTFRH	171	>TP53-D208\YLDYRNTFRH	5117	4946
>TP53-D208\YLDDRNTFR	282	>TP53-D208\YLDYRNTFR	136	146
>TP53-D208\YLDDRNTFR	55	>TP53-D208\YLDYRNTFR	29	26
>TP53-D208\YLDDRNTFR	68	>TP53-D208\YLDYRNTFR	28	40
>TP53-D208\YLDDRNTF	255	>TP53-D208\YLDYRNTF	218	37
>TP53-D208\YLDDRNTF	1092	>TP53-D208\YLDYRNTF	326	766
>TP53-D208\YLDDRNTFR	336	>TP53-D208\YLDYRNTFR	756	420
>TP53-D208\EYLDDRNTF	103	>TP53-D208\EYLDYRNTF	42	61
>TP53-D208\EYLDDRNTF	667	>TP53-D208\EYLDYRNTF	225	442
>TP53-D208\EYLDDRNTF	18	>TP53-D208\EYLDYRNTF	11	7
>TP53-D208\EYLDDRNTF	381	>TP53-D208\EYLDYRNTF	179	202
>TP53-D208\EYLDDRNTF	301	>TP53-D208\EYLDYRNTF	501	200
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>TP53-D208\EYLDDRNTFR	88	>TP53-D208\EYLDYRNTFR	36	52
>TP53-D208\EYLDDRNTFR	508	>TP53-D208\EYLDYRNTFR	177	331
>TP53-D208\EYLDDRNTFR	19	>TP53-D208\EYLDYRNTFR	17	2
>TP53-D208\EYLDDRNTF	1389	>TP53-D208\EYLDYRNTF	477	912
>TP53-D208\VEYLDDRNTF	622	>TP53-D208\VEYLDYRNTF	122	500
>TP53-D208\VEYLDDRNTF	124	>TP53-D208\VEYLDYRNTF	42	82
>TP53-D208\VEYLDDRNTF	594	>TP53-D208\VEYLDYRNTF	253	341
>TP53-D208\VEYLDDRNTF	1119	>TP53-D208\VEYLDYRNTF	466	653
>TP53-D208\VEYLDDRNTF	870	>TP53-D208\VEYLDYRNTF	195	675
>TP53-D208\VEYLDDRNTF	2225	>TP53-D208\VEYLDYRNTF	460	1765
>TP53-D208\RVEYLDDR	433	>TP53-D208\RVEYLDYR	14	419
>TP53-D208\RVEYLDDRNT	40	>TP53-D208\RVEYLDYRNT	22	18
>TP53-D208\RVEYLDDR	652	>TP53-D208\RVEYLDYR	81	571
>TP53-D208\RVEYLDDRNT	1271	>TP53-D208\RVEYLDYRNT	392	879

>TP53-D208\RVEYLDDRNT	78	>TP53-D208\RVEYLDYRNT	66	12
>TP53-D208\RVEYLDDR	1045	>TP53-D208\RVEYLDYR	62	983
>TP53-D208\LRVEYLDD	26933	>TP53-D208\LRVEYLDY	431	26502
>TP53-D208\LRVEYLDD	15200	>TP53-D208\LRVEYLDY	122	15078
>TP53-D208\NLRVEYLDD	25911	>TP53-D208\NLRVEYLDY	82	25829
>TP53-D208\NLRVEYLDDR	3664	>TP53-D208\NLRVEYLDYR	487	3177
>TP53-D208\NLRVEYLDDR	5169	>TP53-D208\NLRVEYLDYR	285	4884
>TP53-D208\NLRVEYLDDR	3077	>TP53-D208\NLRVEYLDYR	282	2795
>TP53-D208\NLRVEYLDD	24604	>TP53-D208\NLRVEYLDY	123	24481
>TP53-D208\NLRVEYLDD	35166	>TP53-D208\NLRVEYLDY	451	34715
>TP53-D208\GNLRVEYLDCE	4900	>TP53-D208\GNLRVEYLDY	362	4538
>TP53-D228/DCTTIHYN	287	>TP53-D228/ACTTIHYN	91	196
>TP53-D228/DCTTIHYN	1323	>TP53-D228/ACTTIHYN	187	1136
>TP53-D228/DCTTIHYN	902	>TP53-D228/ACTTIHYN	45	857
>TP53-D228/SDCTTIHYN	16474	>TP53-D228/SACTTIHYN	140	16334
>TP53-D228/SDCTTIHY	5619	>TP53-D228/SACTTIHY	224	5395
>TP53-D228/SDCTTIHYN	4671	>TP53-D228/SACTTIHYN	224	4447
>TP53-D228/SDCTTIHYN	7435	>TP53-D228/SACTTIHYN	252	7183
>TP53-D228/SDCTTIHY	1951	>TP53-D228/SACTTIHY	483	1468
>TP53-D228/SDCTTIHYN	400	>TP53-D228/SACTTIHYN	118	282
>TP53-D228/SDCTTIHY	2787	>TP53-D228/SACTTIHY	211	2576
>TP53-D228/SDCTTIHYN	1521	>TP53-D228/SACTTIHYN	322	1199
>TP53-D228/SDCTTIHY	1995	>TP53-D228/SACTTIHY	217	1778
>TP53-D228/SDCTTIHYN	1285	>TP53-D228/SACTTIHYN	110	1175
>TP53-D228/SDCTTIHY	4932	>TP53-D228/SACTTIHY	257	4675
>TP53-D228/SDCTTIHY	20162	>TP53-D228/SACTTIHY	78	20084
>TP53-D228/SDCTTIHYN	18094	>TP53-D228/SACTTIHYN	90	18004
>TP53-D228/VPYEPPEVGS	3513	>TP53-D228/VPYEPPEVGS	85	3428
>TP53-D228/GSDCTTIHY	18	>TP53-D228/GSACTTIHY	431	413
>TP53-D228/GSDCTTIHYN	34	>TP53-D228/GSACTTIHYN	1142	1108
>TP53-D228/GSDCTTIHYN	1028	>TP53-D228/GSACTTIHYN	289	739
>TP53-D228/GSDCTTIHY	659	>TP53-D228/GSACTTIHY	60	599
>TP53-D228/GSDCTTIHYN	174	>TP53-D228/GSACTTIHYN	24	150
>TP53-D228/GSDCTTIHYN	582	>TP53-D228/GSACTTIHYN	128	454
>TP53-D228/GSDCTTIHY	1834	>TP53-D228/GSACTTIHY	70	1764
>TP53-D228/GSDCTTIHYN	6674	>TP53-D228/GSACTTIHYN	426	6248
>TP53-D228/GSDCTTIHY	4202	>TP53-D228/GSACTTIHY	208	3994
>TP53-D228/GSDCTTIHYN	4427	>TP53-D228/GSACTTIHYN	317	4110
>TP53-D228/GSDCTTIHY	68	>TP53-D228/GSACTTIHY	21	47
>TP53-D228/GSDCTTIHYN	99	>TP53-D228/GSACTTIHYN	26	73
>TP53-D228/GSDCTTIHY	2361	>TP53-D228/GSACTTIHY	350	2011
>TP53-D228/GSDCTTIHY	535	>TP53-D228/GSACTTIHY	125	410
>TP53-D228/GSDCTTIHYN	247	>TP53-D228/GSACTTIHYN	61	186

>TP53-D228/GSDCTTIHY	242	>TP53-D228/GSACTTIHY	341	99
>TP53-D228/GSDCTTIHYN	97	>TP53-D228/GSACTTIHYN'	139	42
>TP53-D228/GSDCTTIHYN	2014	>TP53-D228/GSACTTIHYN'	492	1522
>TP53-D228/VGSDCTTIHY	353	>TP53-D228/VGSACTTIHY	961	608
>TP53-D228/VGSDCTTIHY	184	>TP53-D228/VGSACTTIHY	157	27
>TP53-D228/VGSDCTTIHY	1444	>TP53-D228/VGSACTTIHY	410	1034
>TP53-D228/VGSDCTTIHY	377	>TP53-D228/VGSACTTIHY	295	82
>TP53-D228/VGSDCTTIHY	449	>TP53-D228/VGSACTTIHY	566	117
>TP53-D228/EVGSDCCTIH'	11	>TP53-D228/EVGSACTTIH'	15	4
>TP53-D228/EVGSDCCTIH'	75	>TP53-D228/EVGSACTTIH'	77	2
>TP53-D228/EVGSDCCTIH'	387	>TP53-D228/EVGSACTTIH'	396	9
>TP53-D228/EVGSDCCTIH'	612	>TP53-D228/EVGSACTTIH'	382	230
>TP53-D228/EVGSDCCTI	1082	>TP53-D228/EVGSACTTI	234	848
>TP53-D228/EVGSDCCTI	504	>TP53-D228/EVGSACTTI	172	332
>TP53-D228/EVGSDCCTIH'	326	>TP53-D228/EVGSACTTIH'	323	3
>TP53-D228/EVGSDCCTIH'	819	>TP53-D228/EVGSACTTIH'	400	419
>TP53-D228/PEVGSDCCTI	1029	>TP53-D228/PEVGSACTTI	205	824
>TP53-D228/PEVGSDCCTI	342	>TP53-D228/PEVGSACTTI	107	235
>TP53-D228/E DCTTIHYN	521	>TP53-D228/E CTTIHYN	75	446
>TP53-D228/E DCTTIHYNM	585	>TP53-D228/E CTTIHYNM	119	466
>TP53-D228/E DCTTIHYN	287	>TP53-D228/E CTTIHYN	383	96
>TP53-D228/E DCTTIHYN	902	>TP53-D228/E CTTIHYN	328	574
>TP53-D228/E SDCTTIHYN	3428	>TP53-D228/E SECTTIHYN	48	3380
>TP53-D228/E SDCTTIHYN	400	>TP53-D228/E SECTTIHYN	310	90
>TP53-D228/E SDCTTIHY	1995	>TP53-D228/E SECTTIHY	443	1552
>TP53-D228/E SDCTTIHYN	1285	>TP53-D228/E SECTTIHYN	267	1018
>TP53-D228/E SDCTTIHY	6164	>TP53-D228/E SECTTIHY	84	6080
>TP53-D228/E SDCTTIHYN	14718	>TP53-D228/E SECTTIHYN	436	14282
>TP53-D228/E SDCTTIHYN	20077	>TP53-D228/E SECTTIHYN	358	19719
>TP53-D228/E SDCTTIHY	7491	>TP53-D228/E SECTTIHY	224	7267
>TP53-D228/E SDCTTIHYN	5196	>TP53-D228/E SECTTIHYN	152	5044
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>TP53-D228/E GSDCTTIHY	18	>TP53-D228/E GSECTTIHY	78	60
>TP53-D228/E GSDCTTIHYN	34	>TP53-D228/E GSECTTIHYN'	272	238
>TP53-D228/E GSDCTTIHYN	174	>TP53-D228/E GSECTTIHYN'	160	14
>TP53-D228/E GSDCTTIHYN	582	>TP53-D228/E GSECTTIHYN'	492	90
>TP53-D228/E GSDCTTIHY	68	>TP53-D228/E GSECTTIHY	73	5
>TP53-D228/E GSDCTTIHYN	99	>TP53-D228/E GSECTTIHYN'	78	21
>TP53-D228/E GSDCTTIHY	535	>TP53-D228/E GSECTTIHY	212	323

>TP53-D228EGSDCTTIHYN	247	>TP53-D228EGSECTTIHYN'	99	148
>TP53-D228EGSDCTTIHY	242	>TP53-D228EGSECTTIHY	307	65
>TP53-D228EGSDCTTIHYN	97	>TP53-D228EGSECTTIHYN'	129	32
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>TP53-D228EVGSDCTTIHY	184	>TP53-D228EVGSECTTIHY	192	8
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>TP53-D228EVGSDCTTIH'	11	>TP53-D228EVGSECTTIH)	15	4
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>TP53-D228EVGSDCTTIH'	387	>TP53-D228EVGSECTTIH)	462	75
>TP53-D228EVGSDCTTIH'	326	>TP53-D228EVGSECTTIH)	245	81
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>TP53-D228(DCTTIHYN	287	>TP53-D228(GCTTIHYN	41	246
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>TP53-D228(EVGSDCTTIH'	11	>TP53-D228(EVGSGCTTIH'	14	3
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>TP53-D228(EVGSDCTTI	504	>TP53-D228(EVGSGCTTI	282	222
>TP53-D228(EVGSDCTTIH'	326	>TP53-D228(EVGSGCTTIH'	208	118
>TP53-D228(EVGSDCTTIH'	819	>TP53-D228(EVGSGCTTIH'	425	394
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>TP53-D228† DCTTIHYN	1323	>TP53-D228† HCTTIHYN	317	1006
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>TP53-D228† DCTTIHYN	787	>TP53-D228† HCTTIHYN	159	628
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>TP53-D228† SDCTTIH	1995	>TP53-D228† SHCTTIH	311	1684
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>TP53-D228† GSDCTTIHYN	174	>TP53-D228† GSHCTTIHYN	48	126
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>TP53-D228† GSDCTTIH	4202	>TP53-D228† GSHCTTIH	128	4074
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>TP53-D228† GSDCTTIHYN	99	>TP53-D228† GSHCTTIHYN	21	78
>TP53-D228† GSDCTTIH	535	>TP53-D228† GSHCTTIH	306	229
>TP53-D228† GSDCTTIHYN	247	>TP53-D228† GSHCTTIHYN	145	102
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>TP53-D228† EVGSDCTTIH'	11	>TP53-D228† EVGSHCTTIH'	7	4
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>TP53-D228† EVGSDCTTIH'	387	>TP53-D228† EVGSHCTTIH'	210	177
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>TP53-D228† EVGSDCTTIH'	326	>TP53-D228† EVGSHCTTIH'	392	66
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>TP53-D228† DCTTIHYN	287	>TP53-D228† NCTTIHYN	119	168
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>TP53-D228†GSDCTTIHY	1834	>TP53-D228†GSNCTTIHY	69	1765
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>TP53-D228†EVGS DCTTIH'	326	>TP53-D228†EVGS NCTTIH'	314	12
>TP53-D228†PEVGS DCTTI	342	>TP53-D228†PEVGS NCTTI	108	234
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>TP53-D228\GSDCTTIHY	18	>TP53-D228\GSVCTTIHY	5988	5970
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>TP53-D228\GSDCTTIHYN	174	>TP53-D228\GSVCTTIHYN	35	139
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>TP53-D228\GSDCTTIHY	68	>TP53-D228\GSVCTTIHY	10	58
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>TP53-D228\EVGSDCTTIH'	75	>TP53-D228\EVGSVCTTIH'	104	29
>TP53-D228\EVGSDCTTIH'	387	>TP53-D228\EVGSVCTTIH'	379	8
>TP53-D228\EVGSDCTTIH'	612	>TP53-D228\EVGSVCTTIH'	212	400
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>TP53-D228\EVGSDCTTIH'	326	>TP53-D228\EVGSVCTTIH'	168	158
>TP53-D228\PEVGSVCTTI	1029	>TP53-D228\PEVGSVCTTI	246	783
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>TP53-D228\YEPPEVGSD	5258	>TP53-D228\YEPPEVGSV	41	5217
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>TP53-D228\SDCTTIHYN	18757	>TP53-D228\SYCTTIHYN	19	18738
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>TP53-D228\SDCTTIH	5619	>TP53-D228\SYCTTIH	244	5375
>TP53-D228\SDCTTIHYN	4671	>TP53-D228\SYCTTIHYN	201	4470
>TP53-D228\SDCTTIHYN	7435	>TP53-D228\SYCTTIHYN	221	7214
>TP53-D228\SDCTTIH	1951	>TP53-D228\SYCTTIH	76	1875
>TP53-D228\SDCTTIHYN	400	>TP53-D228\SYCTTIHYN	16	384
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>TP53-D228\GSDCTTIH	659	>TP53-D228\GSYCTTIH	37	622
>TP53-D228\GSDCTTIHYN	174	>TP53-D228\GSYCTTIHYN	17	157
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>TP53-D228\GSDCTTIHY	2361	>TP53-D228\GSYCTTIHY	307	2054
>TP53-D228\GSDCTTIHY	535	>TP53-D228\GSYCTTIHY	62	473
>TP53-D228\GSDCTTIHYN	247	>TP53-D228\GSYCTTIHYN'	32	215
>TP53-D228\GSDCTTIHY	242	>TP53-D228\GSYCTTIHY	1077	835
>TP53-D228\GSDCTTIHYN	97	>TP53-D228\GSYCTTIHYN'	381	284
>TP53-D228\GSDCTTIHYN	2014	>TP53-D228\GSYCTTIHYN'	491	1523
>TP53-D228\VGSDCTTIHY	353	>TP53-D228\VGSYCTTIHY	1004	651
>TP53-D228\VGSDCTTIHY	184	>TP53-D228\VGSYCTTIHY	114	70
>TP53-D228\VGSDCTTIHY	642	>TP53-D228\VGSYCTTIHY	323	319
>TP53-D228\VGSDCTTIHY	377	>TP53-D228\VGSYCTTIHY	357	20
>TP53-D228\VGSDCTTIHY	449	>TP53-D228\VGSYCTTIHY	184	265
>TP53-D228\EVGSDCTTIH'	11	>TP53-D228\EVGSYCTTIH\	13	2
>TP53-D228\EVGSDCTTIH'	75	>TP53-D228\EVGSYCTTIH\	71	4
>TP53-D228\EVGSDCTTIH'	387	>TP53-D228\EVGSYCTTIH\	213	174
>TP53-D228\EVGSDCTTIH'	612	>TP53-D228\EVGSYCTTIH\	346	266
>TP53-D228\EVGSDCTTI	1082	>TP53-D228\EVGSYCTTI	367	715
>TP53-D228\EVGSDCTTI	504	>TP53-D228\EVGSYCTTI	111	393
>TP53-D228\EVGSDCTTIH'	326	>TP53-D228\EVGSYCTTIH\	172	154
>TP53-D228\EVGSDCTTIH'	819	>TP53-D228\EVGSYCTTIH\	492	327
>TP53-D228\PEVGSDCTTI	1029	>TP53-D228\PEVGSYCTTI	243	786
>TP53-D228\PEVGSDCTTI	1090	>TP53-D228\PEVGSYCTTI	386	704
>TP53-D228\PEVGSDCTTI	342	>TP53-D228\PEVGSYCTTI	66	276
>TP53-D228\PPEVGSDCTT	657	>TP53-D228\PPEVGSYCTT	497	160
>TP53-D228\EPPEVGSD	32792	>TP53-D228\EPPEVGSY	352	32440
>TP53-D228\EPPEVGSD	12616	>TP53-D228\EPPEVGSY	52	12564
>TP53-D228\EPPEVGSD	34095	>TP53-D228\EPPEVGSY	396	33699
>TP53-D228\YEPPEVGSD	22495	>TP53-D228\YEPPEVGSY	348	22147
>TP53-D228\YEPPEVGSD	12680	>TP53-D228\YEPPEVGSY	168	12512
>TP53-D228\PYEPPEVGSD	25670	>TP53-D228\PYEPPEVGSY	162	25508
>TP53-D259\EDSSGNLLGR	68	>TP53-D259\EEDSSGNLLGR	18	50
>TP53-D259\EDSSGNLL	273	>TP53-D259\EESSGNLL	6	267
>TP53-D259\EDSSGNLL	15127	>TP53-D259\EESSGNLL	44	15083
>TP53-D259\LEDSSGNLL	745	>TP53-D259\LEESSGNLL	249	496
>TP53-D259\LEDSSGNL	33	>TP53-D259\LEESSGNL	31	2
>TP53-D259\LEDSSGNLL	20	>TP53-D259\LEESSGNLL	18	2
>TP53-D259\LEDSSGNLL	816	>TP53-D259\LEESSGNLL	450	366
>TP53-D259\TLEDSSGNL	62	>TP53-D259\TLEESSGNL	111	49
>TP53-D259\TLEDSSGNLL	133	>TP53-D259\TLEESSGNLL	188	55
>TP53-D259\TLEDSSGNL	24	>TP53-D259\TLEESSGNL	73	49
>TP53-D259\TLEDSSGNLL	23	>TP53-D259\TLEESSGNLL	49	26

>TP53-D259EITLEDSSGNL	495	>TP53-D259EITLEESSGNL	686	191
>TP53-D259EITLEDSSGNLL	536	>TP53-D259EITLEESSGNLL	408	128
>TP53-D259EITLEDSSGNL	471	>TP53-D259EITLEESSGNL	491	20
>TP53-D259EITLEDSSGNL	371	>TP53-D259EITLEESSGNL	523	152
>TP53-D259EITLEDSSGNLL	270	>TP53-D259EITLEESSGNLL	320	50
>TP53-D259EITLEDSSGNL	302	>TP53-D259EITLEESSGNL	337	35
>TP53-D259EITLEDSSGNLL	339	>TP53-D259EITLEESSGNLL	416	77
>TP53-D259EITLEDSSGNL	137	>TP53-D259EITLEESSGNL	166	29
>TP53-D259EITLEDSSGNLL	354	>TP53-D259EITLEESSGNLL	487	133
>TP53-D259EITLEDSSGNL	6	>TP53-D259EITLEESSGNL	6	0
>TP53-D259EITLEDSSGNLL	18	>TP53-D259EITLEESSGNLL	16	2
>TP53-D259EITLEDSSGNLL	259	>TP53-D259EITLEESSGNLL	117	142
>TP53-D259EITLEDSSGNL	341	>TP53-D259EITLEESSGNL	277	64
>TP53-D259EITLEDSSGNLL	30	>TP53-D259EITLEESSGNLL	39	9
>TP53-D259C DSSGNLLGR	68	>TP53-D259C GSSGNLLGR	1364	1296
>TP53-D259C DSSGNLLGR	1653	>TP53-D259C GSSGNLLGR	286	1367
>TP53-D259C EDSSGNLL	273	>TP53-D259C EGSSGNLL	25854	25581
>TP53-D259C LEDSSGNL	33	>TP53-D259C LEGSSGNL	177	144
>TP53-D259C LEDSSGNLL	20	>TP53-D259C LEGSSGNLL	90	70
>TP53-D259C TLEDSSGNL	62	>TP53-D259C TLEGSSGNL	147	85
>TP53-D259C TLEDSSGNLL	133	>TP53-D259C TLEGSSGNLL	204	71
>TP53-D259C TLEDSSGNL	24	>TP53-D259C TLEGSSGNL	64	40
>TP53-D259C TLEDSSGNLL	23	>TP53-D259C TLEGSSGNLL	45	22
>TP53-D259CITLEDSSGNL	495	>TP53-D259CITLEGSSGNL	436	59
>TP53-D259CITLEDSSGNL	471	>TP53-D259CITLEGSSGNL	411	60
>TP53-D259CITLEDSSGNL	371	>TP53-D259CITLEGSSGNL	681	310
>TP53-D259CITLEDSSGNLL	270	>TP53-D259CITLEGSSGNLL	156	114
>TP53-D259CITLEDSSGNL	302	>TP53-D259CITLEGSSGNL	230	72
>TP53-D259CITLEDSSGNLL	339	>TP53-D259CITLEGSSGNLL	231	108
>TP53-D259CITLEDSSGNL	137	>TP53-D259CITLEGSSGNL	128	9
>TP53-D259CITLEDSSGNLL	354	>TP53-D259CITLEGSSGNLL	237	117
>TP53-D259CITLEDSSGN	2207	>TP53-D259CITLEGSSGN	399	1808
>TP53-D259CITLEDSSGNL	6	>TP53-D259CITLEGSSGNL	4	2
>TP53-D259CITLEDSSGNLL	18	>TP53-D259CITLEGSSGNLL	9	9
>TP53-D259CITLEDSSGNLL	259	>TP53-D259CITLEGSSGNLL	188	71
>TP53-D259CITLEDSSGNL	341	>TP53-D259CITLEGSSGNL	268	73
>TP53-D259CITLEDSSGNLL	30	>TP53-D259CITLEGSSGNLL	18	12
>TP53-D259CITLEDSSGNLL	604	>TP53-D259CITLEGSSGNLL	484	120
>TP53-D259H DSSGNLLGR	68	>TP53-D259H HSSGNLLGR	80	12
>TP53-D259H DSSGNLLGR	4109	>TP53-D259H HSSGNLLGR	158	3951
>TP53-D259H EDSSGNLL	273	>TP53-D259H EHSSGNLL	13728	13455
>TP53-D259H EDSSGNLL	11701	>TP53-D259H EHSSGNLL	194	11507
>TP53-D259H EDSSGNLL	5812	>TP53-D259H EHSSGNLL	47	5765

>TP53-D259† RPILTIITLED	7691	>TP53-D259† RPILTIITLEH	260	7431
>TP53-D259† LEDSSGNLL	745	>TP53-D259† LEHSSGNLL	201	544
>TP53-D259† LEDSSGNLL	5589	>TP53-D259† LEHSSGNLL	239	5350
>TP53-D259† LEDSSGNL	33	>TP53-D259† LEHSSGNL	36	3
>TP53-D259† LEDSSGNLL	20	>TP53-D259† LEHSSGNLL	22	2
>TP53-D259† LEDSSGNL	2586	>TP53-D259† LEHSSGNL	226	2360
>TP53-D259† LEDSSGNLL	1775	>TP53-D259† LEHSSGNLL	135	1640
>TP53-D259† LEDSSGNLL	816	>TP53-D259† LEHSSGNLL	88	728
>TP53-D259† TLEDSSGNL	62	>TP53-D259† TLEHSSGNL	315	253
>TP53-D259† TLEDSSGNLL	133	>TP53-D259† TLEHSSGNLL	864	731
>TP53-D259† TLEDSSGNL	24	>TP53-D259† TLEHSSGNL	683	659
>TP53-D259† TLEDSSGNLL	23	>TP53-D259† TLEHSSGNLL	284	261
>TP53-D259† ITLEDSSGNLL	1858	>TP53-D259† ITLEHSSGNLL	257	1601
>TP53-D259† ITLEDSSGNL	495	>TP53-D259† ITLEHSSGNL	850	355
>TP53-D259† ITLEDSSGNLL	536	>TP53-D259† ITLEHSSGNLL	297	239
>TP53-D259† ITLEDSSGNL	471	>TP53-D259† ITLEHSSGNL	436	35
>TP53-D259† ITLEDSSGNL	371	>TP53-D259† ITLEHSSGNL	809	438
>TP53-D259† ITLEDSSGNLL	270	>TP53-D259† ITLEHSSGNLL	221	49
>TP53-D259† ITLEDSSGNL	302	>TP53-D259† ITLEHSSGNL	322	20
>TP53-D259† ITLEDSSGNLL	339	>TP53-D259† ITLEHSSGNLL	269	70
>TP53-D259† ITLEDSSGNL	137	>TP53-D259† ITLEHSSGNL	114	23
>TP53-D259† ITLEDSSGNLL	354	>TP53-D259† ITLEHSSGNLL	229	125
>TP53-D259† ITLEDSSGNL	6	>TP53-D259† ITLEHSSGNL	5	1
>TP53-D259† ITLEDSSGNLL	18	>TP53-D259† ITLEHSSGNLL	11	7
>TP53-D259† ITLEDSSGNLL	259	>TP53-D259† ITLEHSSGNLL	66	193
>TP53-D259† ITLEDSSGNL	341	>TP53-D259† ITLEHSSGNL	238	103
>TP53-D259† ITLEDSSGNLL	30	>TP53-D259† ITLEHSSGNLL	49	19
>TP53-D259† ITLEDSSGNL	1970	>TP53-D259† ITLEHSSGNL	402	1568
>TP53-D259† LTIITLED	7321	>TP53-D259† LTIITLEH	214	7107
>TP53-D259† ILTIITLEDSS	4003	>TP53-D259† ILTIITLEHSS	394	3609
>TP53-D259† ILTIITLED	13153	>TP53-D259† ILTIITLEH	320	12833
>TP53-D259† DSSGNLLGR	68	>TP53-D259† NSSGNLLGR	86	18
>TP53-D259† EDSSGNLL	273	>TP53-D259† ENSSGNLL	10027	9754
>TP53-D259† LEDSSGNLL	745	>TP53-D259† LENSSGNLL	222	523
>TP53-D259† LEDSSGNLL	5589	>TP53-D259† LENSSGNLL	315	5274
>TP53-D259† LEDSSGNL	33	>TP53-D259† LENSSGNL	58	25
>TP53-D259† LEDSSGNLL	20	>TP53-D259† LENSSGNLL	32	12
>TP53-D259† LEDSSGNL	2586	>TP53-D259† LENSSGNL	444	2142
>TP53-D259† LEDSSGNLL	1775	>TP53-D259† LENSSGNLL	270	1505
>TP53-D259† LEDSSGNLL	816	>TP53-D259† LENSSGNLL	406	410
>TP53-D259† TLEDSSGNL	62	>TP53-D259† TLENSSGNL	403	341
>TP53-D259† TLEDSSGNLL	133	>TP53-D259† TLENSSGNLL	168	35
>TP53-D259† TLEDSSGNL	24	>TP53-D259† TLENSSGNL	235	211

>TP53-D259M TLEDSSGNLL	23	>TP53-D259M TLENSSGNLL	129	106
>TP53-D259M ITLEDSSGNLL	1858	>TP53-D259M ITLENSSGNLL	491	1367
>TP53-D259M ITLEDSSGNL	495	>TP53-D259M ITLENSSGNL	793	298
>TP53-D259M ITLEDSSGNL	471	>TP53-D259M ITLENSSGNL	391	80
>TP53-D259M ITLEDSSGNL	371	>TP53-D259M ITLENSSGNL	785	414
>TP53-D259M ITLEDSSGNLL	270	>TP53-D259M ITLENSSGNLL	353	83
>TP53-D259M ITLEDSSGNL	302	>TP53-D259M ITLENSSGNL	208	94
>TP53-D259M ITLEDSSGNLL	339	>TP53-D259M ITLENSSGNLL	195	144
>TP53-D259M ITLEDSSGNL	137	>TP53-D259M ITLENSSGNL	124	13
>TP53-D259M ITLEDSSGNLL	354	>TP53-D259M ITLENSSGNLL	253	101
>TP53-D259M ITLEDSSGNL	6	>TP53-D259M ITLENSSGNL	5	1
>TP53-D259M ITLEDSSGNLL	18	>TP53-D259M ITLENSSGNLL	11	7
>TP53-D259M ITLEDSSGNLL	259	>TP53-D259M ITLENSSGNLL	125	134
>TP53-D259M ITLEDSSGNL	341	>TP53-D259M ITLENSSGNL	159	182
>TP53-D259M ITLEDSSGNLL	30	>TP53-D259M ITLENSSGNLL	42	12
>TP53-D259S DSSGNLLGR	14438	>TP53-D259S SSSGNLLGR	230	14208
>TP53-D259S DSSGNLLGR	68	>TP53-D259S SSSGNLLGR	180	112
>TP53-D259S DSSGNLLGR	1653	>TP53-D259S SSSGNLLGR	197	1456
>TP53-D259S EDSSGNLL	273	>TP53-D259S ESSSGNLL	9653	9380
>TP53-D259S EDSSGNLLGR	24901	>TP53-D259S ESSSGNLLGR	324	24577
>TP53-D259S EDSSGNLLGR	5087	>TP53-D259S ESSSGNLLGR	12	5075
>TP53-D259S EDSSGNLL	10265	>TP53-D259S ESSSGNLL	244	10021
>TP53-D259S EDSSGNLL	5546	>TP53-D259S ESSSGNLL	98	5448
>TP53-D259S LEDSSGNLL	745	>TP53-D259S LESSSGNLL	347	398
>TP53-D259S LEDSSGNLL	5589	>TP53-D259S LESSSGNLL	337	5252
>TP53-D259S LEDSSGNL	33	>TP53-D259S LESSSGNL	27	6
>TP53-D259S LEDSSGNLL	20	>TP53-D259S LESSSGNLL	16	4
>TP53-D259S LEDSSGNLL	816	>TP53-D259S LESSSGNLL	191	625
>TP53-D259S TLEDSSGNL	62	>TP53-D259S TLESSSGNL	172	110
>TP53-D259S TLEDSSGNLL	133	>TP53-D259S TLESSSGNLL	117	16
>TP53-D259S TLEDSSGNL	24	>TP53-D259S TLESSSGNL	274	250
>TP53-D259S TLEDSSGNLL	23	>TP53-D259S TLESSSGNLL	135	112
>TP53-D259S ITLEDSSGNL	495	>TP53-D259S ITLESSSGNL	553	58
>TP53-D259S ITLEDSSGNLL	536	>TP53-D259S ITLESSSGNLL	466	70
>TP53-D259S ITLEDSSGNL	471	>TP53-D259S ITLESSSGNL	345	126
>TP53-D259S ITLEDSSGNL	371	>TP53-D259S ITLESSSGNL	508	137
>TP53-D259S ITLEDSSGNLL	270	>TP53-D259S ITLESSSGNLL	273	3
>TP53-D259S ITLEDSSGNL	302	>TP53-D259S ITLESSSGNL	369	67
>TP53-D259S ITLEDSSGNLL	339	>TP53-D259S ITLESSSGNLL	334	5
>TP53-D259S ITLEDSSGNL	137	>TP53-D259S ITLESSSGNL	118	19
>TP53-D259S ITLEDSSGNLL	354	>TP53-D259S ITLESSSGNLL	263	91
>TP53-D259S ITLEDSSGNLL	1117	>TP53-D259S ITLESSSGNLL	470	647
>TP53-D259S ITLEDSSGN	2207	>TP53-D259S ITLESSSGN	144	2063

>TP53-D259\ITLEDSSGNL	6	>TP53-D259\ITLESSGNL	3	3
>TP53-D259\ITLEDSSGNLL	18	>TP53-D259\ITLESSGNLL	7	11
>TP53-D259\ITLEDSSGNLL	259	>TP53-D259\ITLESSGNLL	54	205
>TP53-D259\ITLEDSSGNL	341	>TP53-D259\ITLESSGNL	169	172
>TP53-D259\ITLEDSSGNLL	30	>TP53-D259\ITLESSGNLL	18	12
>TP53-D259\DSSGNLLGR	68	>TP53-D259\VSSGNLLGR	712	644
>TP53-D259\EDSSGNLL	273	>TP53-D259\EVSSGNLL	28295	28022
>TP53-D259\EDSSGNLLGR	24901	>TP53-D259\EVSSGNLLGR	424	24477
>TP53-D259\EDSSGNLLGR	5087	>TP53-D259\EVSSGNLLGR	9	5078
>TP53-D259\EDSSGNLL	10265	>TP53-D259\EVSSGNLL	39	10226
>TP53-D259\EDSSGNLL	13840	>TP53-D259\EVSSGNLL	290	13550
>TP53-D259\RPILTIITLED	13455	>TP53-D259\RPILTIITLEV	69	13386
>TP53-D259\LEDSSGNL	727	>TP53-D259\LEVSSGNL	455	272
>TP53-D259\LEDSSGNLL	745	>TP53-D259\LEVSSGNLL	434	311
>TP53-D259\LEDSSGNLL	5589	>TP53-D259\LEVSSGNLL	229	5360
>TP53-D259\LEDSSGNL	33	>TP53-D259\LEVSSGNL	23	10
>TP53-D259\LEDSSGNLL	20	>TP53-D259\LEVSSGNLL	14	6
>TP53-D259\LEDSSGNLL	1775	>TP53-D259\LEVSSGNLL	477	1298
>TP53-D259\LEDSSGNLL	816	>TP53-D259\LEVSSGNLL	87	729
>TP53-D259\TLEDSSGNL	62	>TP53-D259\TLEVSSGNL	575	513
>TP53-D259\TLEDSSGNLL	133	>TP53-D259\TLEVSSGNLL	525	392
>TP53-D259\TLEDSSGNL	24	>TP53-D259\TLEVSSGNL	715	691
>TP53-D259\TLEDSSGNLL	23	>TP53-D259\TLEVSSGNLL	283	260
>TP53-D259\ITLEDSSGNL	495	>TP53-D259\ITLEVSSGNL	722	227
>TP53-D259\ITLEDSSGNLL	536	>TP53-D259\ITLEVSSGNLL	332	204
>TP53-D259\ITLEDSSGNL	471	>TP53-D259\ITLEVSSGNL	446	25
>TP53-D259\ITLEDSSGNL	371	>TP53-D259\ITLEVSSGNL	514	143
>TP53-D259\ITLEDSSGNLL	270	>TP53-D259\ITLEVSSGNLL	146	124
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>TP53-D259\ITLEDSSGNL	137	>TP53-D259\ITLEVSSGNL	137	0
>TP53-D259\ITLEDSSGNLL	354	>TP53-D259\ITLEVSSGNLL	246	108
>TP53-D259\ITLEDSSGNL	6	>TP53-D259\ITLEVSSGNL	7	1
>TP53-D259\ITLEDSSGNLL	18	>TP53-D259\ITLEVSSGNLL	21	3
>TP53-D259\ITLEDSSGNLL	259	>TP53-D259\ITLEVSSGNLL	79	180
>TP53-D259\ITLEDSSGNL	341	>TP53-D259\ITLEVSSGNL	286	55
>TP53-D259\ITLEDSSGNLL	30	>TP53-D259\ITLEVSSGNLL	13	17
>TP53-D259\LTIITLED	23058	>TP53-D259\LTIITLEV	279	22779
>TP53-D259\LTIITLED	16662	>TP53-D259\LTIITLEV	288	16374
>TP53-D259\LTIITLED	19208	>TP53-D259\LTIITLEV	178	19030
>TP53-D259\LTIITLED	19182	>TP53-D259\LTIITLEV	28	19154
>TP53-D259\LTIITLED	26628	>TP53-D259\LTIITLEV	68	26560
>TP53-D259\LTIITLED	26356	>TP53-D259\LTIITLEV	473	25883

>TP53-D259\ LTIITLED	35451	>TP53-D259\ LTIITLEV	69	35382
>TP53-D259\ LTIITLED	12524	>TP53-D259\ LTIITLEV	56	12468
>TP53-D259\ LTIITLED	18009	>TP53-D259\ LTIITLEV	69	17940
>TP53-D259\ LTIITLED	7321	>TP53-D259\ LTIITLEV	106	7215
>TP53-D259\ ILTIITLED	19360	>TP53-D259\ ILTIITLEV	31	19329
>TP53-D259\ ILTIITLED	4430	>TP53-D259\ ILTIITLEV	13	4417
>TP53-D259\ ILTIITLED	12988	>TP53-D259\ ILTIITLEV	27	12961
>TP53-D259\ ILTIITLED	20625	>TP53-D259\ ILTIITLEV	127	20498
>TP53-D259\ ILTIITLED	14884	>TP53-D259\ ILTIITLEV	5	14879
>TP53-D259\ ILTIITLED	22855	>TP53-D259\ ILTIITLEV	40	22815
>TP53-D259\ ILTIITLED	16845	>TP53-D259\ ILTIITLEV	7	16838
>TP53-D259\ ILTIITLED	25445	>TP53-D259\ ILTIITLEV	10	25435
>TP53-D259\ ILTIITLED	12046	>TP53-D259\ ILTIITLEV	2	12044
>TP53-D259\ PILTIITLED	23143	>TP53-D259\ PILTIITLEV	405	22738
>TP53-D259\ PILTIITLED	27965	>TP53-D259\ PILTIITLEV	98	27867
>TP53-D259\ PILTIITLED	24155	>TP53-D259\ PILTIITLEV	89	24066
>TP53-D259\ PILTIITLED	25743	>TP53-D259\ PILTIITLEV	82	25661
>TP53-D259\ PILTIITLED	34487	>TP53-D259\ PILTIITLEV	57	34430
>TP53-D259\ DSSGNLLGR	68	>TP53-D259\ YSSGNLLGR	47	21
>TP53-D259\ EDSSGNLL	273	>TP53-D259\ EYSSGNLL	26324	26051
>TP53-D259\ EDSSGNLL	26001	>TP53-D259\ EYSSGNLL	137	25864
>TP53-D259\ EDSSGNLLGR	5087	>TP53-D259\ EYSSGNLLGR	254	4833
>TP53-D259\ EDSSGNLLGR	3878	>TP53-D259\ EYSSGNLLGR	41	3837
>TP53-D259\ EDSSGNLL	18547	>TP53-D259\ EYSSGNLL	482	18065
>TP53-D259\ RPILTIITLED	23444	>TP53-D259\ RPILTIITLEY	128	23316
>TP53-D259\ RPILTIITLED	7691	>TP53-D259\ RPILTIITLEY	16	7675
>TP53-D259\ RPILTIITLED	19668	>TP53-D259\ RPILTIITLEY	208	19460
>TP53-D259\ RPILTIITLED	12288	>TP53-D259\ RPILTIITLEY	14	12274
>TP53-D259\ RPILTIITLED	20318	>TP53-D259\ RPILTIITLEY	234	20084
>TP53-D259\ LEDSSGNL	727	>TP53-D259\ LEYSSGNL	259	468
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>TP53-D324£LDGEYFTLQI	94	>TP53-D324£LEGEYFTLQI	4534	4440
>TP53-D324£PLDGEYFTL	249	>TP53-D324£PLEGEYFTL	416	167
>TP53-D324£PLDGEYFTL	22	>TP53-D324£PLEGEYFTL	640	618
>TP53-D324£PLDGEYFTLQ	68	>TP53-D324£PLEGEYFTLQI	1532	1464
>TP53-D324£PLDGEYFTL	224	>TP53-D324£PLEGEYFTL	1966	1742
>TP53-D324£PLDGEYFTL	22	>TP53-D324£PLEGEYFTL	1947	1925
>TP53-D324£PLDGEYFTLQ	140	>TP53-D324£PLEGEYFTLQI	5264	5124
>TP53-D324£PLDGEYFTL	23	>TP53-D324£PLEGEYFTL	2420	2397
>TP53-D324£PLDGEYFTLQ	158	>TP53-D324£PLEGEYFTLQI	6391	6233
>TP53-D324£PLDGEYFTL	11	>TP53-D324£PLEGEYFTL	16	5
>TP53-D324£PLDGEYFTLQ	111	>TP53-D324£PLEGEYFTLQI	177	66
>TP53-D324£KPLDGEYF	296	>TP53-D324£KPLEGEYF	122	174
>TP53-D324£KPLDGEYFTL	212	>TP53-D324£KPLEGEYFTL	99	113
>TP53-D324£KPLDGEYF	516	>TP53-D324£KPLEGEYF	404	112
>TP53-D324£KPLDGEYF	541	>TP53-D324£KPLEGEYF	466	75
>TP53-D324£KPLDGEYFTL	321	>TP53-D324£KPLEGEYFTL	212	109
>TP53-D324£KPLDGEYF	287	>TP53-D324£KPLEGEYF	264	23
>TP53-D324£KPLDGEYF	195	>TP53-D324£KPLEGEYF	211	16
>TP53-D324£KPLDGEYFTL	306	>TP53-D324£KPLEGEYFTL	299	7
>TP53-D324£KKPLDGEY	504	>TP53-D324£KKPLEGEY	397	107
>TP53-D324£KKPLDGEYF	31	>TP53-D324£KKPLEGEYF	30	1
>TP53-D324£KKKPLDGEY	83	>TP53-D324£KKKPLEGEY	103	20
>TP53-D324£KKKPLDGEY	138	>TP53-D324£KKKPLEGEY	99	39
>TP53-D324£KKKPLDGEYF	14	>TP53-D324£KKKPLEGEYF	12	2
>TP53-D324£PKKKPLDGEY	315	>TP53-D324£PKKKPLEGEY	725	410
>TP53-D324£PKKKPLDGEY	78	>TP53-D324£PKKKPLEGEY	58	20
>TP53-D324£QPKKKPLDGE	303	>TP53-D324£QPKKKPLEGE	345	42
>TP53-D324£DGEYFTLQI	3772	>TP53-D324£SGEYFTLQI	145	3627
>TP53-D324£LDGEYFTLQI	87	>TP53-D324£LSGEYFTLQI	1475	1388

>TP53-D324S LDGEYFTLQIF	9687	>TP53-D324S LSGEYFTLQIR	144	9543
>TP53-D324S LDGEYFTL	24046	>TP53-D324S LSGEYFTL	105	23941
>TP53-D324S LDGEYFTLQI	26398	>TP53-D324S LSGEYFTLQI	382	26016
>TP53-D324S LDGEYFTLQI	20722	>TP53-D324S LSGEYFTLQI	224	20498
>TP53-D324S LDGEYFTLQI	30061	>TP53-D324S LSGEYFTLQI	368	29693
>TP53-D324S LDGEYFTL	12466	>TP53-D324S LSGEYFTL	194	12272
>TP53-D324S LDGEYFTLQI	20509	>TP53-D324S LSGEYFTLQI	128	20381
>TP53-D324S LDGEYFTL	344	>TP53-D324S LSGEYFTL	24365	24021
>TP53-D324S LDGEYFTLQI	94	>TP53-D324S LSGEYFTLQI	16501	16407
>TP53-D324S PLDGEYFTL	249	>TP53-D324S PLSGEYFTL	31	218
>TP53-D324S PLDGEYFTLQ	1235	>TP53-D324S PLSGEYFTLQI	163	1072
>TP53-D324S PLDGEYFTL	22	>TP53-D324S PLSGEYFTL	93	71
>TP53-D324S PLDGEYFTLQ	68	>TP53-D324S PLSGEYFTLQI	302	234
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>TP53-D324S PLDGEYFTL	22	>TP53-D324S PLSGEYFTL	78	56
>TP53-D324S PLDGEYFTLQ	140	>TP53-D324S PLSGEYFTLQI	537	397
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>TP53-D324S PLDGEYFTLQ	158	>TP53-D324S PLSGEYFTLQI	218	60
>TP53-D324S PLDGEYFTL	11	>TP53-D324S PLSGEYFTL	6	5
>TP53-D324S PLDGEYFTLQ	111	>TP53-D324S PLSGEYFTLQI	51	60
>TP53-D324S KPLDGEYF	296	>TP53-D324S KPLSGEYF	20	276
>TP53-D324S KPLDGEYFTL	212	>TP53-D324S KPLSGEYFTL	29	183
>TP53-D324S KPLDGEYFTL	526	>TP53-D324S KPLSGEYFTL	239	287
>TP53-D324S KPLDGEYF	516	>TP53-D324S KPLSGEYF	114	402
>TP53-D324S KPLDGEYFTL	321	>TP53-D324S KPLSGEYFTL	224	97
>TP53-D324S KPLDGEYF	287	>TP53-D324S KPLSGEYF	350	63
>TP53-D324S KPLDGEYF	195	>TP53-D324S KPLSGEYF	198	3
>TP53-D324S KPLDGEYFTL	306	>TP53-D324S KPLSGEYFTL	270	36
>TP53-D324S KKPLDGEY	504	>TP53-D324S KKPLSGEY	113	391
>TP53-D324S KKPLDGEYF	31	>TP53-D324S KKPLSGEYF	11	20
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>TP53-D324S KKKPLDGEY	83	>TP53-D324S KKKPLSGEY	82	1
>TP53-D324S KKKPLDGEY	138	>TP53-D324S KKKPLSGEY	37	101
>TP53-D324S KKKPLDGEYF	14	>TP53-D324S KKKPLSGEYF	7	7
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>TP53-D324S PKKKPLDGEY	994	>TP53-D324S PKKKPLSGEY	269	725
>TP53-D324S PKKKPLDGEY	78	>TP53-D324S PKKKPLSGEYI	23	55
>TP53-D324S QPKKKPLDG	913	>TP53-D324S QPKKKPLSG	105	808
>TP53-D324S QPKKKPLDGE	303	>TP53-D324S QPKKKPLSGE	281	22
>TP53-D324S QPKKKPLDGE	812	>TP53-D324S QPKKKPLSGE	293	519
>TP53-D42Y- DLMLSPDDI	15480	>TP53-D42Y- YLMLSPDDI	55	15425
>TP53-D42Y- DLMLSPDDI	5239	>TP53-D42Y- YLMLSPDDI	26	5213
>TP53-D42Y- DLMLSPDDIE	18156	>TP53-D42Y- YLMLSPDDIE	233	17923

>TP53-D42Y- DLMLSPDDI	6588	>TP53-D42Y- YLMLSPDDI	10	6578
>TP53-D42Y- DLMLSPDDI	20436	>TP53-D42Y- YLMLSPDDI	401	20035
>TP53-D42Y- DLMLSPDDI	6532	>TP53-D42Y- YLMLSPDDI	29	6503
>TP53-D42Y- DLMLSPDDI	5163	>TP53-D42Y- YLMLSPDDI	16	5147
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>TP53-D42Y- DLMLSPDDI	1415	>TP53-D42Y- YLMLSPDDI	14	1401
>TP53-D42Y- DLMLSPDDI	9506	>TP53-D42Y- YLMLSPDDI	57	9449
>TP53-D42Y- DLMLSPDDIE	10150	>TP53-D42Y- YLMLSPDDIE	56	10094
>TP53-D42Y- DDLMLSPDDI	32654	>TP53-D42Y- DYMLMLSPDDI	315	32339
>TP53-D42Y- DDLMLSPDDI	436	>TP53-D42Y- DYMLMLSPDDI	1701	1265
>TP53-D42Y- DDLMLSPDDI	237	>TP53-D42Y- DYMLMLSPDDI	20733	20496
>TP53-D42Y- LSPLPSQAME	23887	>TP53-D42Y- LSPLPSQAME	118	23769
>TP53-D42Y- MDDLMLSPD	520	>TP53-D42Y- MDYLMLSPD	39	481
>TP53-D42Y- MDDLMLSPD	277	>TP53-D42Y- MDYLMLSPD	19	258
>TP53-D42Y- MDDLMLSPD	762	>TP53-D42Y- MDYLMLSPD	236	526
>TP53-D42Y- MDDLMLSPD	107	>TP53-D42Y- MDYLMLSPD	62	45
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>TP53-D42Y- QAMDDLML	2007	>TP53-D42Y- QAMDYLML	406	1601
>TP53-D42Y- QAMDDLML	826	>TP53-D42Y- QAMDYLML	243	583
>TP53-D42Y- QAMDDLML	318	>TP53-D42Y- QAMDYLML	111	207
>TP53-D42Y- QAMDDLML	897	>TP53-D42Y- QAMDYLML	348	549
>TP53-D42Y- QAMDDLML	386	>TP53-D42Y- QAMDYLML	55	331
>TP53-D42Y- QAMDDLML	307	>TP53-D42Y- QAMDYLML	120	187
>TP53-D42Y- SQAMDDLMI	593	>TP53-D42Y- SQAMDYLM	220	373
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>TP53-D42Y- SQAMDDLMI	463	>TP53-D42Y- SQAMDYLM	239	224
>TP53-D42Y- SQAMDDLMI	1071	>TP53-D42Y- SQAMDYLM	240	831
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>TP53-D42Y- SQAMDDLMI	1528	>TP53-D42Y- SQAMDYLM	292	1236
>TP53-D42Y- LPSQAMDDL	8	>TP53-D42Y- LPSQAMDYL	5	3
>TP53-D42Y- LPSQAMDDL	42	>TP53-D42Y- LPSQAMDYLI	23	19
>TP53-D42Y- LPSQAMDDL	173	>TP53-D42Y- LPSQAMDYLI	140	33
>TP53-D42Y- LPSQAMDDL	95	>TP53-D42Y- LPSQAMDYL	98	3
>TP53-D42Y- LPSQAMDDL	86	>TP53-D42Y- LPSQAMDYLI	70	16
>TP53-D42Y- LPSQAMDD	5037	>TP53-D42Y- LPSQAMDY	10	5027
>TP53-D42Y- LPSQAMDDL	114	>TP53-D42Y- LPSQAMDYL	192	78
>TP53-D42Y- LPSQAMDDL	125	>TP53-D42Y- LPSQAMDYLI	44	81
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>TP53-D42Y- LPSQAMDD	15528	>TP53-D42Y- LPSQAMDY	65	15463
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>TP53-D42Y- LPSQAMDDL	838	>TP53-D42Y- LPSQAMDYLI	368	470
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>TP53-D42Y- LPSQAMDD	20526	>TP53-D42Y- LPSQAMDY	198	20328
>TP53-D42Y- LPSQAMDDL	273	>TP53-D42Y- LPSQAMDYLI	169	104
>TP53-D42Y- PLPSQAMDD	5062	>TP53-D42Y- PLPSQAMDYI	471	4591
>TP53-D42Y- PLPSQAMDD	630	>TP53-D42Y- PLPSQAMDYI	140	490
>TP53-D42Y- PLPSQAMDD	26394	>TP53-D42Y- PLPSQAMDY	196	26198
>TP53-D42Y- PLPSQAMDD	4697	>TP53-D42Y- PLPSQAMDYI	377	4320
>TP53-D42Y- SPLPSQAMDI	7	>TP53-D42Y- SPLPSQAMD'	6	1
>TP53-D42Y- SPLPSQAMDI	189	>TP53-D42Y- SPLPSQAMD'	208	19
>TP53-D42Y- SPLPSQAMDI	16634	>TP53-D42Y- SPLPSQAMD'	165	16469
>TP53-D42Y- SPLPSQAMDI	11531	>TP53-D42Y- SPLPSQAMD'	488	11043
>TP53-D42Y- SPLPSQAMDI	36177	>TP53-D42Y- SPLPSQAMD'	301	35876
>TP53-D49H- PDDIEQWFT	240	>TP53-D49H- PDHIEQWFT	299	59
>TP53-D49H- SPDDIEQWF	339	>TP53-D49H- SPDHIEQWF	370	31
>TP53-D49H- SPDDIEQW	46	>TP53-D49H- SPDHIEQW	63	17
>TP53-D49H- SPDDIEQW	12	>TP53-D49H- SPDHIEQW	10	2
>TP53-D49H- LSPDDIEQW	195	>TP53-D49H- LSPDHIEQW	67	128
>TP53-D49H- LSPDDIEQWF	180	>TP53-D49H- LSPDHIEQWF	76	104
>TP53-D49H- LSPDDIEQW	126	>TP53-D49H- LSPDHIEQW	197	71
>TP53-D49H- LSPDDIEQW	149	>TP53-D49H- LSPDHIEQW	111	38
>TP53-D49H- LSPDDIEQW	181	>TP53-D49H- LSPDHIEQW	19	162
>TP53-D49H- LSPDDIEQWF	10	>TP53-D49H- LSPDHIEQWF	6	4
>TP53-D49H- LSPDDIEQWF	190	>TP53-D49H- LSPDHIEQWF	45	145
>TP53-D49H- LSPDDIEQWF	84	>TP53-D49H- LSPDHIEQWF	57	27
>TP53-D49H- LSPDDIEQW	218	>TP53-D49H- LSPDHIEQW	149	69
>TP53-D49H- MLSPDDIEQ	405	>TP53-D49H- MLSPDHIEQ	245	160
>TP53-D49H- MLSPDDIEQ\	107	>TP53-D49H- MLSPDHIEQ\	105	2
>TP53-D49H- MLSPDDIEQ	21	>TP53-D49H- MLSPDHIEQ	9	12
>TP53-D49H- MLSPDDIEQ\	129	>TP53-D49H- MLSPDHIEQ\	142	13
>TP53-D49H- MLSPDDIEQ\	213	>TP53-D49H- MLSPDHIEQ\	88	125
>TP53-D49H- MLSPDDIEQ\	93	>TP53-D49H- MLSPDHIEQ\	51	42
>TP53-D49H- MLSPDDIEQ\	427	>TP53-D49H- MLSPDHIEQ\	342	85
>TP53-D49H- MLSPDDIEQ\	131	>TP53-D49H- MLSPDHIEQ\	262	131
>TP53-D49H- MLSPDDIEQ\	204	>TP53-D49H- MLSPDHIEQ\	182	22
>TP53-D49H- MLSPDDIEQ\	20	>TP53-D49H- MLSPDHIEQ\	21	1
>TP53-D49H- MLSPDDIEQ\	292	>TP53-D49H- MLSPDHIEQ\	426	134
>TP53-D49H- MLSPDDIEQ\	80	>TP53-D49H- MLSPDHIEQ\	91	11
>TP53-D49H- MLSPDDIEQ\	445	>TP53-D49H- MLSPDHIEQ\	546	101
>TP53-D49H- LMLSPDDI	584	>TP53-D49H- LMLSPDHI	100	484
>TP53-D49H- LMLSPDDI	1250	>TP53-D49H- LMLSPDHI	307	943
>TP53-D49H- LMLSPDDI	971	>TP53-D49H- LMLSPDHI	302	669
>TP53-D49H- LMLSPDDI	1501	>TP53-D49H- LMLSPDHI	132	1369
>TP53-D49H- LMLSPDDI	14	>TP53-D49H- LMLSPDHI	5	9



>TP53-D49H-LMLSPDDIEQ	797	>TP53-D49H-LMLSPDHIEQ	260	537
>TP53-D49H-LMLSPDDI	35	>TP53-D49H-LMLSPDHI	9	26
>TP53-D49H-LMLSPDDI	41	>TP53-D49H-LMLSPDHI	13	28
>TP53-D49H-LMLSPDDI	149	>TP53-D49H-LMLSPDHI	30	119
>TP53-D49H-LMLSPDDI	113	>TP53-D49H-LMLSPDHI	35	78
>TP53-D49H-LMLSPDDIEQ	315	>TP53-D49H-LMLSPDHIEQ	65	250
>TP53-D49H-LMLSPDDI	314	>TP53-D49H-LMLSPDHI	170	144
>TP53-D49H-LMLSPDDIEQ	847	>TP53-D49H-LMLSPDHIEQ	463	384
>TP53-D49H-LMLSPDDIEQ	130	>TP53-D49H-LMLSPDHIEQ	43	87
>TP53-D49H-LMLSPDDIEQ	212	>TP53-D49H-LMLSPDHIEQ	150	62
>TP53-D49H-LMLSPDDIEQ	17	>TP53-D49H-LMLSPDHIEQ	15	2
>TP53-D49H-LMLSPDDIEQ	79	>TP53-D49H-LMLSPDHIEQ	64	15
>TP53-D49H-LMLSPDDIEQ	174	>TP53-D49H-LMLSPDHIEQ	435	261
>TP53-D49H-DLMLSPDDI	1415	>TP53-D49H-DLMLSPDHI	371	1044
>TP53-D49H-DDLMLSPDDI	436	>TP53-D49H-DDLMLSPDHI	433	3
>TP53-D49H-DDLMLSPDDI	237	>TP53-D49H-DDLMLSPDHI	291	54
>TP53-D49H-MDDLMLSPD	277	>TP53-D49H-MDDLMLSPD	245	32
>TP53-D49H-MDDLMLSPD	107	>TP53-D49H-MDDLMLSPD	128	21
>TP53-D49Y-DDIEQWFTE	24256	>TP53-D49Y-DYIEQWFTE	412	23844
>TP53-D49Y-AMDDLMLSP	19336	>TP53-D49Y-AMDDLMLSP	45	19291
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>TP53-D49Y-AMDDLMLSP	23080	>TP53-D49Y-AMDDLMLSP	51	23029
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>TP53-D49Y-AMDDLMLSP	22067	>TP53-D49Y-AMDDLMLSP	366	21701
>TP53-D49Y-PDDIEQWFT	240	>TP53-D49Y-PDYIEQWFT	139	101
>TP53-D49Y-SPDDIEQWF	339	>TP53-D49Y-SPDYIEQWF	544	205
>TP53-D49Y-SPDDIEQW	46	>TP53-D49Y-SPDYIEQW	55	9
>TP53-D49Y-SPDDIEQW	12	>TP53-D49Y-SPDYIEQW	13	1
>TP53-D49Y-LSPDDIEQW	195	>TP53-D49Y-LSPDYIEQW	37	158
>TP53-D49Y-LSPDDIEQWF	180	>TP53-D49Y-LSPDYIEQWF	63	117
>TP53-D49Y-LSPDDIEQW	126	>TP53-D49Y-LSPDYIEQW	102	24
>TP53-D49Y-LSPDDIEQW	149	>TP53-D49Y-LSPDYIEQW	60	89
>TP53-D49Y-LSPDDIEQW	181	>TP53-D49Y-LSPDYIEQW	15	166
>TP53-D49Y-LSPDDIEQWF	10	>TP53-D49Y-LSPDYIEQWF	5	5
>TP53-D49Y-LSPDDIEQWF	190	>TP53-D49Y-LSPDYIEQWF	38	152
>TP53-D49Y-LSPDDIEQWF	84	>TP53-D49Y-LSPDYIEQWF	50	34
>TP53-D49Y-LSPDDIEQW	218	>TP53-D49Y-LSPDYIEQW	184	34
>TP53-D49Y-LSPDDIEQW	596	>TP53-D49Y-LSPDYIEQW	161	435
>TP53-D49Y-MLSPDDIEQ	405	>TP53-D49Y-MLSPDYIEQ	80	325
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>TP53-D49Y-MLSPDDIEQV	909	>TP53-D49Y-MLSPDYIEQV	476	433
>TP53-D49Y-MLSPDDIEQV	129	>TP53-D49Y-MLSPDYIEQV	155	26

>TP53-D49Y- MLSPDDIEQV	951	>TP53-D49Y- MLSPDYIEQV	191	760
>TP53-D49Y- MLSPDDIEQV	213	>TP53-D49Y- MLSPDYIEQV	78	135
>TP53-D49Y- MLSPDDIEQV	93	>TP53-D49Y- MLSPDYIEQV	72	21
>TP53-D49Y- MLSPDDIEQV	427	>TP53-D49Y- MLSPDYIEQV	729	302
>TP53-D49Y- MLSPDDIEQV	131	>TP53-D49Y- MLSPDYIEQV	270	139
>TP53-D49Y- MLSPDDIEQV	204	>TP53-D49Y- MLSPDYIEQV	190	14
>TP53-D49Y- MLSPDDIEQV	20	>TP53-D49Y- MLSPDYIEQV	18	2
>TP53-D49Y- MLSPDDIEQV	292	>TP53-D49Y- MLSPDYIEQV	141	151
>TP53-D49Y- MLSPDDIEQV	80	>TP53-D49Y- MLSPDYIEQV	61	19
>TP53-D49Y- MLSPDDIEQV	445	>TP53-D49Y- MLSPDYIEQV	720	275
>TP53-D49Y- LMLSPDDI	584	>TP53-D49Y- LMLSPDYI	23	561
>TP53-D49Y- LMLSPDDI	1250	>TP53-D49Y- LMLSPDYI	71	1179
>TP53-D49Y- LMLSPDDI	971	>TP53-D49Y- LMLSPDYI	159	812
>TP53-D49Y- LMLSPDDI	1501	>TP53-D49Y- LMLSPDYI	70	1431
>TP53-D49Y- LMLSPDDI	14	>TP53-D49Y- LMLSPDYI	2	12
>TP53-D49Y- LMLSPDDIEQ	797	>TP53-D49Y- LMLSPDYIEQ	249	548
>TP53-D49Y- LMLSPDDI	35	>TP53-D49Y- LMLSPDYI	5	30
>TP53-D49Y- LMLSPDDI	41	>TP53-D49Y- LMLSPDYI	11	30
>TP53-D49Y- LMLSPDDI	149	>TP53-D49Y- LMLSPDYI	6	143
>TP53-D49Y- LMLSPDDI	113	>TP53-D49Y- LMLSPDYI	24	89
>TP53-D49Y- LMLSPDDIEQ	315	>TP53-D49Y- LMLSPDYIEQ	114	201
>TP53-D49Y- LMLSPDDI	314	>TP53-D49Y- LMLSPDYI	159	155
>TP53-D49Y- LMLSPDDIEQ	847	>TP53-D49Y- LMLSPDYIEQ	359	488
>TP53-D49Y- LMLSPDDIEQ	130	>TP53-D49Y- LMLSPDYIEQ	48	82
>TP53-D49Y- LMLSPDDIEQ	212	>TP53-D49Y- LMLSPDYIEQ	133	79
>TP53-D49Y- LMLSPDDIEQ	17	>TP53-D49Y- LMLSPDYIEQ	14	3
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>TP53-D49Y- DLMLSPDDI	6532	>TP53-D49Y- DLMLSPDYI	238	6294
>TP53-D49Y- DLMLSPDDI	5163	>TP53-D49Y- DLMLSPDYI	339	4824
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>TP53-D49Y- DLMLSPDD	25855	>TP53-D49Y- DLMLSPDY	453	25402
>TP53-D49Y- DDLMLSPDD	436	>TP53-D49Y- DDLMLSPDYI	170	266
>TP53-D49Y- DDLMLSPDD	17965	>TP53-D49Y- DDLMLSPDY	495	17470
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>TP53-D49Y- MDDLMLSPD	520	>TP53-D49Y- MDDLMLSPD	232	288
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>TP53-D61G- DEAPRMPE	449	>TP53-D61G- GEAPRMPE	17951	17502
>TP53-D61G- DEAPRMPEA	493	>TP53-D61G- GEAPRMPEA	42	451
>TP53-D61G- DEAPRMPEA	13559	>TP53-D61G- GEAPRMPEA	237	13322
>TP53-D61G- DPGPGEAPR	1293	>TP53-D61G- DPGPGEAPR	445	848
>TP53-D61N- DEAPRMPE	449	>TP53-D61N- NEAPRMPE	1625	1176

>TP53-D61N·DEAPRMPEA	493	>TP53-D61N·NEAPRMPEA	47	446
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>TP53-D7H-v DPSVEPPL	266	>TP53-D7H-n HPSVEPPL	46	220
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>TP53-D7H-v DPSVEPPL	2437	>TP53-D7H-n HPSVEPPL	245	2192
>TP53-D7H-v SDPSVEPPL	12757	>TP53-D7H-n SHPSVEPPL	281	12476
>TP53-D7H-v QSDPSVEPPL	15217	>TP53-D7H-n QSHPSVEPPL	342	14875
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>TP53-D7H-v PQSDPSVEPP	610	>TP53-D7H-n PQSHPSVEPP	162	448
>TP53-D7H-v EPQSDPSV	1159	>TP53-D7H-n EPQSHPSV	241	918
>TP53-D7H-v EEPQSDPSV	1602	>TP53-D7H-n EEPQSHPSV	253	1349
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>TP53-D7H-v MEEPQSDPS'	477	>TP53-D7H-n MEEPQSHPS'	446	31
>TP53-D7H-v MEEPQSDPS'	610	>TP53-D7H-n MEEPQSHPS'	404	206
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>TP53-D7H-v MEEPQSDPS'	195	>TP53-D7H-n MEEPQSHPS'	205	10
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>TP53-E11Q- EPPLSQETF	229	>TP53-E11Q- QPPLSQETF	386	157
>TP53-E11Q- VEPPLSQETF	2234	>TP53-E11Q- VQPPLSQETF	258	1976
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>TP53-E11Q- SVEPPLSQETI	936	>TP53-E11Q- SVQPPLSQET	143	793
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>TP53-E171A AIYKQSQHM'	18048	>TP53-E171A AIYKQSQHM'	101	17947
>TP53-E171A AIYKQSQHM'	18065	>TP53-E171A AIYKQSQHM'	269	17796

>TP53-E171A AIYKQSQHM'	20227	>TP53-E171A AIYKQSQHM'	89	20138
>TP53-E171A AIYKQSQHM'	6246	>TP53-E171A AIYKQSQHM'	97	6149
>TP53-E171A MTEVVRRCPI	7649	>TP53-E171A MTAVVRRCPI	330	7319
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>TP53-E171K EVVRRCPHHI	1019	>TP53-E171K KVVRRCPHHI	98	921
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>TP53-E171K AIYKQSQHM	6246	>TP53-E171K AIYKQSQHM	9	6237
>TP53-E171K MTEVRRCPH	6587	>TP53-E171K MTKVRRCPH	48	6539
>TP53-E171K MTEVRRCPH	8926	>TP53-E171K MTKVRRCPH	145	8781
>TP53-E171K MTEVRRCPH	3109	>TP53-E171K MTKVRRCPH	289	2820
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>TP53-E171K QHMTEVVR	269	>TP53-E171K QHMTKVVR	240	29
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>TP53-E171K SQHMTEVV	2781	>TP53-E171K SQHMTKVV	385	2396
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>TP53-E171KSQHMTEVV	256	>TP53-E171KSQHMTKVV	756	500
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>TP53-E171KSQHMTEVVR	162	>TP53-E171KSQHMTKVVR	187	25
>TP53-E171KSQHMTEVVR	434	>TP53-E171KSQHMTKVVR	274	160
>TP53-E171KSQHMTEVVR	363	>TP53-E171KSQHMTKVVR	300	63
>TP53-E171KQSQHMTEVV	230	>TP53-E171KQSQHMTKVV	72	158
>TP53-E171KQSQHMTEVV	321	>TP53-E171KQSQHMTKVV	172	149
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>TP53-E171KQSQHMTEVV	306	>TP53-E171KQSQHMTKVV	339	33
>TP53-E171KKQSQHMTEV	82	>TP53-E171KKQSQHMTKV	481	399
>TP53-E171KKQSQHMTEV	51	>TP53-E171KKQSQHMTKV	164	113
>TP53-E171KKQSQHMTEV	298	>TP53-E171KKQSQHMTKV	1642	1344
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>TP53-E171KKQSQHMTEV	273	>TP53-E171KKQSQHMTKV	417	144
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>TP53-E171KKQSQHMTEV	35	>TP53-E171KKQSQHMTKV	17	18
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>TP53-E171KKQSQHMTE	3366	>TP53-E171KKQSQHMTK	283	3083
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>TP53-E171KKQSQHMTEV	110	>TP53-E171KKQSQHMTKV	84	26
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>TP53-E171CEVVRRCPHHE	428	>TP53-E171CQVVRRCPHH	5378	4950
>TP53-E171CEVVRRCPHHE	371	>TP53-E171CQVVRRCPHH	77	294



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>TP53-E171CSQHMTEVVRR	115	>TP53-E171CSQHMTQVVRRC	37	78
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>TP53-E171CSQHMTEVVRR	572	>TP53-E171CSQHMTQVVRRC	460	112
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>TP53-E171CYKQSQHMTE	42	>TP53-E171CYKQSQHMTC	20	22
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>TP53-E171VSQHMTVVV	88	>TP53-E171VSQHMTVVV	29	59
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>TP53-E171V SQHMTEVV	363	>TP53-E171V SQHMTVVVR	342	21
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>TP53-E171V IYKQSQHMT	19560	>TP53-E171V IYKQSQHMT	358	19202
>TP53-E171V IYKQSQHMT	402	>TP53-E171V IYKQSQHMT	431	29
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>TP53-E171V IYKQSQHMT	2804	>TP53-E171V IYKQSQHMT	71	2733
>TP53-E180C HERCSDSDGI	422	>TP53-E180C HDRCSDSDGI	11307	10885

>TP53-E180C HHERCSDSDC	833	>TP53-E180C HHDRCSDDC	397	436
>TP53-E180C HHERCSDSDC	126	>TP53-E180C HHDRCSDDC	66	60
>TP53-E180C RRCPPHER	405	>TP53-E180C RRCPPHDR	2434	2029
>TP53-E180C RRCPPHER	102	>TP53-E180C RRCPPHDR	73	29
>TP53-E180C RRCPPHER	312	>TP53-E180C RRCPPHDR	520	208
>TP53-E180C RRCPPHERC	320	>TP53-E180C RRCPPHDRC	305	15
>TP53-E180C RRCPPHER	87	>TP53-E180C RRCPPHDR	113	26
>TP53-E180C VVRRCPHHEF	145	>TP53-E180C VVRRCPHHD	488	343
>TP53-E180C VVRRCPHHEF	63	>TP53-E180C VVRRCPHHD	113	50
>TP53-E180C EVVRRCPHHE	428	>TP53-E180C EVVRRCPHHI	4271	3843
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>TP53-E180K HERCSDSDGL	422	>TP53-E180K HKRCSDSDGL	28395	27973
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>TP53-E180K RRCPPHER	405	>TP53-E180K RRCPPHHR	510	105
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>TP53-E180K RRCPPHER	102	>TP53-E180K RRCPPHHR	108	6
>TP53-E180K RRCPPHER	312	>TP53-E180K RRCPPHHR	188	124
>TP53-E180K RRCPPHERC	320	>TP53-E180K RRCPPHHRC	303	17
>TP53-E180K RRCPPHER	87	>TP53-E180K RRCPPHHR	54	33
>TP53-E180K VVRRCPHHE	14787	>TP53-E180K VVRRCPHHK	315	14472
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>TP53-E180K VVRRCPHHEF	63	>TP53-E180K VVRRCPHHKI	64	1
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>TP53-E180K EVVRRCPHHE	428	>TP53-E180K EVVRRCPHHI	838	410
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>TP53-E180C HERCSDSDGL	9118	>TP53-E180C HQRCSDSDG	287	8831
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>TP53-E180C RRCPPHER	405	>TP53-E180C RRCPPHQR	387	18
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>TP53-E180C RRCPPHER	102	>TP53-E180C RRCPPHQR	71	31
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>TP53-E180C RRCPPHERC	320	>TP53-E180C RRCPPHQRC	191	129
>TP53-E180C RRCPPHER	87	>TP53-E180C RRCPPHQR	74	13
>TP53-E180C VVRRCPHHE	2903	>TP53-E180C VVRRCPHHQ	396	2507
>TP53-E180C VVRRCPHHEI	145	>TP53-E180C VVRRCPHHQ	148	3
>TP53-E180C VVRRCPHHEI	63	>TP53-E180C VVRRCPHHQ	74	11
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>TP53-E180C EVVRRCPHHE	371	>TP53-E180C EVVRRCPHHQ	393	22
>TP53-E180C EVVRRCPHHE	53	>TP53-E180C EVVRRCPHHQ	65	12
>TP53-E180C EVVRRCPHHE	5	>TP53-E180C EVVRRCPHHQ	5	0
>TP53-E198C VEGNLRVEYL	312	>TP53-E198C VGGNLRVEYL	27761	27449
>TP53-E198C VEGNLRVEY	2056	>TP53-E198C VGGNLRVEY	256	1800
>TP53-E198C VEGNLRVEY	67	>TP53-E198C VGGNLRVEY	18000	17933
>TP53-E198C VEGNLRVEYL	472	>TP53-E198C VGGNLRVEYL	35884	35412
>TP53-E198C VEGNLRVEY	338	>TP53-E198C VGGNLRVEY	37811	37473
>TP53-E198C VEGNLRVEYL	278	>TP53-E198C VGGNLRVEYL	34868	34590
>TP53-E198C RVEGNLRV	604	>TP53-E198C RVGGNLRV	62	542
>TP53-E198C RVEGNLRVEY	974	>TP53-E198C RVGGNLRVEY	125	849
>TP53-E198C RVEGNLRV	54	>TP53-E198C RVGGNLRV	19	35
>TP53-E198C RVEGNLRVEY	1642	>TP53-E198C RVGGNLRVEY	445	1197
>TP53-E198C RVEGNLRVEY	224	>TP53-E198C RVGGNLRVEY	224	0
>TP53-E198C RVEGNLRVEY	810	>TP53-E198C RVGGNLRVEY	296	514
>TP53-E198C RVEGNLRVEY	1157	>TP53-E198C RVGGNLRVEY	77	1080
>TP53-E198C RVEGNLRVEY	2230	>TP53-E198C RVGGNLRVEY	251	1979
>TP53-E198C RVEGNLRVEY	301	>TP53-E198C RVGGNLRVEY	814	513
>TP53-E198C RVEGNLRVEY	400	>TP53-E198C RVGGNLRVEY	393	7
>TP53-E198C IRVEGNLRVEY	53	>TP53-E198C IRVGGNLRVEY	146	93
>TP53-E198C IRVEGNLRVEY	668	>TP53-E198C IRVGGNLRVEY	410	258
>TP53-E198C LIRVEGNLRV	35	>TP53-E198C LIRVGGNLRV	16	19
>TP53-E198C LIRVEGNLR	1087	>TP53-E198C LIRVGGNLR	341	746
>TP53-E198C LIRVEGNLRV	296	>TP53-E198C LIRVGGNLRV	137	159
>TP53-E198C LIRVEGNLR	570	>TP53-E198C LIRVGGNLR	132	438
>TP53-E198C LIRVEGNLR	1131	>TP53-E198C LIRVGGNLR	344	787
>TP53-E198C HLIRVEGNLR	156	>TP53-E198C HLIRVGGNLR	212	56
>TP53-E198C HLIRVEGNL	226	>TP53-E198C HLIRVGGNL	215	11
>TP53-E198C HLIRVEGNLR	111	>TP53-E198C HLIRVGGNLR	113	2
>TP53-E198C HLIRVEGNL	690	>TP53-E198C HLIRVGGNL	134	556
>TP53-E198C HLIRVEGNLR	41	>TP53-E198C HLIRVGGNLR	23	18
>TP53-E198C HLIRVEGNLR	322	>TP53-E198C HLIRVGGNLR	285	37
>TP53-E198C HLIRVEGNL	327	>TP53-E198C HLIRVGGNL	143	184
>TP53-E198C HLIRVEGNLR	9	>TP53-E198C HLIRVGGNLR	8	1
>TP53-E198C HLIRVEGNL	806	>TP53-E198C HLIRVGGNL	446	360

>TP53-E198C HLIRVEGNLR'	27	>TP53-E198C HLIRVGGNLR	24	3
>TP53-E198C HLIRVEGNLR'	27	>TP53-E198C HLIRVGGNLR	29	2
>TP53-E198C HLIRVEGNL	153	>TP53-E198C HLIRVGGNL	175	22
>TP53-E198C HLIRVEGNLR'	4	>TP53-E198C HLIRVGGNLR	4	0
>TP53-E198C HLIRVEGNLR	241	>TP53-E198C HLIRVGGNLR	241	0
>TP53-E198C HLIRVEGNLR	381	>TP53-E198C HLIRVGGNLR	442	61
>TP53-E198C HLIRVEGNLR	24	>TP53-E198C HLIRVGGNLR	46	22
>TP53-E198C HLIRVEGNLR'	398	>TP53-E198C HLIRVGGNLR	391	7
>TP53-E198C HLIRVEGNLR	478	>TP53-E198C HLIRVGGNLR	815	337
>TP53-E198K EGNLRVEY	4184	>TP53-E198K KGNLRVEY	363	3821
>TP53-E198K VEGNLRVEYL	312	>TP53-E198K VKGNLRVEYL	11583	11271
>TP53-E198K VEGNLRVEY	1192	>TP53-E198K VKGNLRVEY	36	1156
>TP53-E198K VEGNLRVEY	67	>TP53-E198K VKGNLRVEY	13382	13315
>TP53-E198K VEGNLRVEYL	472	>TP53-E198K VKGNLRVEYL	28954	28482
>TP53-E198K VEGNLRVEY	338	>TP53-E198K VKGNLRVEY	24364	24026
>TP53-E198K VEGNLRVEYL	278	>TP53-E198K VKGNLRVEYL	23632	23354
>TP53-E198K RVEGNLRV	3341	>TP53-E198K RVKGNLRV	186	3155
>TP53-E198K RVEGNLRVEY	5750	>TP53-E198K RVKGNLRVEY	413	5337
>TP53-E198K RVEGNLRV	54	>TP53-E198K RVKGNLRV	55	1
>TP53-E198K RVEGNLRVEY	1642	>TP53-E198K RVKGNLRVEY	377	1265
>TP53-E198K RVEGNLRV	2749	>TP53-E198K RVKGNLRV	13	2736
>TP53-E198K RVEGNLRVEY	4593	>TP53-E198K RVKGNLRVEY	21	4572
>TP53-E198K RVEGNLRVEY	4812	>TP53-E198K RVKGNLRVEY	28	4784
>TP53-E198K RVEGNLRVEY	224	>TP53-E198K RVKGNLRVEY	312	88
>TP53-E198K RVEGNLRVEY	4028	>TP53-E198K RVKGNLRVEY	424	3604
>TP53-E198K RVEGNLRVEY	2230	>TP53-E198K RVKGNLRVEY	117	2113
>TP53-E198K RVEGNLRVEY	301	>TP53-E198K RVKGNLRVEY	117	184
>TP53-E198K RVEGNLRVEY	400	>TP53-E198K RVKGNLRVEY	285	115
>TP53-E198K IRVEGNLRVE'	53	>TP53-E198K IRVKGNLRVE'	40	13
>TP53-E198K IRVEGNLRVE'	668	>TP53-E198K IRVKGNLRVE'	480	188
>TP53-E198K LIRVEGNLRV	35	>TP53-E198K LIRVKGNLRV	45	10
>TP53-E198K LIRVEGNLR	1087	>TP53-E198K LIRVKGNLR	335	752
>TP53-E198K LIRVEGNLRV	296	>TP53-E198K LIRVKGNLRV	121	175
>TP53-E198K LIRVEGNLR	570	>TP53-E198K LIRVKGNLR	50	520
>TP53-E198K LIRVEGNLR	1131	>TP53-E198K LIRVKGNLR	299	832
>TP53-E198K HLIRVEGNLR'	156	>TP53-E198K HLIRVKGNLR'	316	160
>TP53-E198K HLIRVEGNL	226	>TP53-E198K HLIRVKGNL	436	210
>TP53-E198K HLIRVEGNLR'	111	>TP53-E198K HLIRVKGNLR'	186	75
>TP53-E198K HLIRVEGNLR'	41	>TP53-E198K HLIRVKGNLR'	51	10
>TP53-E198K HLIRVEGNLR'	322	>TP53-E198K HLIRVKGNLR'	516	194
>TP53-E198K HLIRVEGNL	327	>TP53-E198K HLIRVKGNL	400	73
>TP53-E198K HLIRVEGNLR'	9	>TP53-E198K HLIRVKGNLR'	13	4
>TP53-E198K HLIRVEGNLR'	27	>TP53-E198K HLIRVKGNLR'	55	28

>TP53-E198KHLIRVEGNLR'	27	>TP53-E198KHLIRVKGNLR'	43	16
>TP53-E198KHLIRVEGNL	153	>TP53-E198KHLIRVKGNL	165	12
>TP53-E198KHLIRVEGNLR'	4	>TP53-E198KHLIRVKGNLR'	4	0
>TP53-E198KHLIRVEGNLR	241	>TP53-E198KHLIRVKGNLR	84	157
>TP53-E198KHLIRVEGNLR	381	>TP53-E198KHLIRVKGNLR	363	18
>TP53-E198KHLIRVEGNLR	24	>TP53-E198KHLIRVKGNLR	60	36
>TP53-E198KHLIRVEGNLR'	398	>TP53-E198KHLIRVKGNLR'	339	59
>TP53-E198KHLIRVEGNLR	478	>TP53-E198KHLIRVKGNLR	408	70
>TP53-E198C VEGNLRVEYL	312	>TP53-E198C VQGNLRVEYL	7335	7023
>TP53-E198C VEGNLRVEYL	7062	>TP53-E198C VQGNLRVEYL	291	6771
>TP53-E198C VEGNLRVEY	2056	>TP53-E198C VQGNLRVEY	177	1879
>TP53-E198C VEGNLRVEY	2344	>TP53-E198C VQGNLRVEY	70	2274
>TP53-E198C VEGNLRVEY	1192	>TP53-E198C VQGNLRVEY	34	1158
>TP53-E198C VEGNLRVEY	67	>TP53-E198C VQGNLRVEY	4923	4856
>TP53-E198C VEGNLRVEYL	472	>TP53-E198C VQGNLRVEYL	26662	26190
>TP53-E198C VEGNLRVEY	338	>TP53-E198C VQGNLRVEY	13486	13148
>TP53-E198C VEGNLRVEYL	278	>TP53-E198C VQGNLRVEYL	19649	19371
>TP53-E198C LAPPQHLIRV'	865	>TP53-E198C LAPPQHLIRV'	438	427
>TP53-E198C RVEGNLRV	732	>TP53-E198C RVQGNLRV	380	352
>TP53-E198C RVEGNLRVEY	946	>TP53-E198C RVQGNLRVE'	474	472
>TP53-E198C RVEGNLRV	604	>TP53-E198C RVQGNLRV	108	496
>TP53-E198C RVEGNLRVEY	974	>TP53-E198C RVQGNLRVE'	209	765
>TP53-E198C RVEGNLRV	54	>TP53-E198C RVQGNLRV	19	35
>TP53-E198C RVEGNLRVEY	1642	>TP53-E198C RVQGNLRVE'	389	1253
>TP53-E198C RVEGNLRVEY	224	>TP53-E198C RVQGNLRVE'	110	114
>TP53-E198C RVEGNLRVEY	810	>TP53-E198C RVQGNLRVE'	184	626
>TP53-E198C RVEGNLRVEY	1375	>TP53-E198C RVQGNLRVE'	362	1013
>TP53-E198C RVEGNLRVEY	1157	>TP53-E198C RVQGNLRVE'	497	660
>TP53-E198C RVEGNLRVEY	2230	>TP53-E198C RVQGNLRVE'	174	2056
>TP53-E198C RVEGNLRVEY	301	>TP53-E198C RVQGNLRVE'	193	108
>TP53-E198C RVEGNLRVEY	400	>TP53-E198C RVQGNLRVE'	88	312
>TP53-E198C RVEGNLRVEY	933	>TP53-E198C RVQGNLRVE'	331	602
>TP53-E198C IRVEGNLRVE'	53	>TP53-E198C IRVQGNLRVE	64	11
>TP53-E198C LIRVEGNLRV	35	>TP53-E198C LIRVQGNLRV	32	3
>TP53-E198C LIRVEGNL	1610	>TP53-E198C LIRVQGNL	269	1341
>TP53-E198C LIRVEGNLR	1087	>TP53-E198C LIRVQGNLR	160	927
>TP53-E198C LIRVEGNLRV	296	>TP53-E198C LIRVQGNLRV	99	197
>TP53-E198C LIRVEGNLR	570	>TP53-E198C LIRVQGNLR	89	481
>TP53-E198C HLIRVEGNLR'	156	>TP53-E198C HLIRVQGNLR	139	17
>TP53-E198C HLIRVEGNL	226	>TP53-E198C HLIRVQGNL	75	151
>TP53-E198C HLIRVEGNLR'	111	>TP53-E198C HLIRVQGNLR	76	35
>TP53-E198C HLIRVEGNL	690	>TP53-E198C HLIRVQGNL	163	527
>TP53-E198C HLIRVEGNLR'	41	>TP53-E198C HLIRVQGNLR	27	14

>TP53-E198C HLIRVEGNLR'	322	>TP53-E198C HLIRVQGNLR	330	8
>TP53-E198C HLIRVEGNL	327	>TP53-E198C HLIRVQGNL	193	134
>TP53-E198C HLIRVEGNLR'	9	>TP53-E198C HLIRVQGNLR	9	0
>TP53-E198C HLIRVEGNL	806	>TP53-E198C HLIRVQGNL	437	369
>TP53-E198C HLIRVEGNLR'	27	>TP53-E198C HLIRVQGNLR	26	1
>TP53-E198C HLIRVEGNLR'	27	>TP53-E198C HLIRVQGNLR	30	3
>TP53-E198C HLIRVEGNL	153	>TP53-E198C HLIRVQGNL	70	83
>TP53-E198C HLIRVEGNLR'	4	>TP53-E198C HLIRVQGNLR	4	0
>TP53-E198C HLIRVEGNLR	241	>TP53-E198C HLIRVQGNLR	192	49
>TP53-E198C HLIRVEGNLR	381	>TP53-E198C HLIRVQGNLR	300	81
>TP53-E198C HLIRVEGNLR	24	>TP53-E198C HLIRVQGNLR	35	11
>TP53-E198C HLIRVEGNLR'	398	>TP53-E198C HLIRVQGNLR	223	175
>TP53-E198C HLIRVEGNLR	478	>TP53-E198C HLIRVQGNLR	408	70
>TP53-E204A EYLDDRNTF	103	>TP53-E204A AYLDDRNTF	57	46
>TP53-E204A EYLDDRNTF	18	>TP53-E204A AYLDDRNTF	6	12
>TP53-E204A EYLDDRNTF	381	>TP53-E204A AYLDDRNTF	9577	9196
>TP53-E204A EYLDDRNTF	301	>TP53-E204A AYLDDRNTF	5079	4778
>TP53-E204A EYLDDRNTFR	328	>TP53-E204A AYLDDRNTFR	50	278
>TP53-E204A EYLDDRNTFR	88	>TP53-E204A AYLDDRNTFR	205	117
>TP53-E204A EYLDDRNTF	1873	>TP53-E204A AYLDDRNTF	301	1572
>TP53-E204A EYLDDRNTFR	19	>TP53-E204A AYLDDRNTFR	43	24
>TP53-E204A VEYLDDRNTF	2651	>TP53-E204A VAYLDDRNTF	89	2562
>TP53-E204A VEYLDDRNTF	1728	>TP53-E204A VAYLDDRNTF	104	1624
>TP53-E204A VEYLDDRNTF	2593	>TP53-E204A VAYLDDRNTF	50	2543
>TP53-E204A VEYLDDRNTF	124	>TP53-E204A VAYLDDRNTF	78	46
>TP53-E204A VEYLDDRNTF	15641	>TP53-E204A VAYLDDRNTF	19	15622
>TP53-E204A LIRVEGNLRVI	7444	>TP53-E204A LIRVEGNLRV	237	7207
>TP53-E204A RVEYLDDR	433	>TP53-E204A RVAYLDDR	143	290
>TP53-E204A RVEYLDDRNT	40	>TP53-E204A RVAYLDDRNT	21	19
>TP53-E204A RVEYLDDR	652	>TP53-E204A RVAYLDDR	72	580
>TP53-E204A RVEYLDDRNT	2758	>TP53-E204A RVAYLDDRNT	167	2591
>TP53-E204A RVEYLDDRNT	2406	>TP53-E204A RVAYLDDRNT	234	2172
>TP53-E204A RVEYLDDRNT	1271	>TP53-E204A RVAYLDDRNT	417	854
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>TP53-E204A RVEYLDDRNT	9648	>TP53-E204A RVAYLDDRNT	151	9497
>TP53-E204A RVEYLDDRNT	78	>TP53-E204A RVAYLDDRNT	51	27
>TP53-E204A RVEYLDDRNT	2208	>TP53-E204A RVAYLDDRNT	288	1920
>TP53-E204A GNLRVEYL	5657	>TP53-E204A GNLRVAYL	444	5213
>TP53-E204A EGNLRVEY	1669	>TP53-E204A EGNLRVAY	459	1210
>TP53-E204A VEGNLRVEYL	312	>TP53-E204A VEGNLRVAYL	337	25
>TP53-E204A VEGNLRVEY	67	>TP53-E204A VEGNLRVAY	28	39
>TP53-E204A VEGNLRVEYL	472	>TP53-E204A VEGNLRVAYL	451	21
>TP53-E204A VEGNLRVEY	338	>TP53-E204A VEGNLRVAY	356	18



>TP53-E204A VEGNLRVE	10735	>TP53-E204A VEGNLRVA	103	10632
>TP53-E204A VEGNLRVEYL	278	>TP53-E204A VEGNLRVAYL	855	577
>TP53-E204A RVEGNLRVEY	224	>TP53-E204A RVEGNLRVA\	383	159
>TP53-E204A RVEGNLRVEY	810	>TP53-E204A RVEGNLRVA\	258	552
>TP53-E204A RVEGNLRVEY	301	>TP53-E204A RVEGNLRVA\	564	263
>TP53-E204A RVEGNLRVEY	1887	>TP53-E204A RVEGNLRVA\	404	1483
>TP53-E204A RVEGNLRVEY	400	>TP53-E204A RVEGNLRVA\	882	482
>TP53-E204A RVEGNLRVEY	933	>TP53-E204A RVEGNLRVA\	378	555
>TP53-E204A IRVEGNLRVE'	53	>TP53-E204A IRVEGNLRVA	29	24
>TP53-E204C EYLDDRNTF	103	>TP53-E204C DYLDDRNTF	177	74
>TP53-E204C EYLDDRNTF	18	>TP53-E204C DYLDDRNTF	55	37
>TP53-E204C EYLDDRNTF	381	>TP53-E204C DYLDDRNTF	1452	1071
>TP53-E204C EYLDDRNTF	301	>TP53-E204C DYLDDRNTF	1869	1568
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>TP53-E204C EYLDDRNTFR	88	>TP53-E204C DYLDDRNTFF	38	50
>TP53-E204C EYLDDRNTFR	19	>TP53-E204C DYLDDRNTFF	35	16
>TP53-E204C VEYLDDRNTF	124	>TP53-E204C VDYLDDRNTF	973	849
>TP53-E204C VEYLDDRNTF	555	>TP53-E204C VDYLDDRNTF	40	515
>TP53-E204C RVEYLDDR	433	>TP53-E204C RVDYLDDR	1485	1052
>TP53-E204C RVEYLDDRNT	40	>TP53-E204C RVDYLDDRNT	43	3
>TP53-E204C RVEYLDDRNT	78	>TP53-E204C RVDYLDDRNT	181	103
>TP53-E204C VEGNLRVEYL	312	>TP53-E204C VEGNLRVDYL	253	59
>TP53-E204C VEGNLRVEY	67	>TP53-E204C VEGNLRVDY	284	217
>TP53-E204C VEGNLRVEYL	472	>TP53-E204C VEGNLRVDYL	568	96
>TP53-E204C VEGNLRVEY	338	>TP53-E204C VEGNLRVDY	327	11
>TP53-E204C VEGNLRVEYL	278	>TP53-E204C VEGNLRVDYL	653	375
>TP53-E204C RVEGNLRVEY	224	>TP53-E204C RVEGNLRVD\	331	107
>TP53-E204C RVEGNLRVEY	301	>TP53-E204C RVEGNLRVD\	1263	962
>TP53-E204C RVEGNLRVEY	400	>TP53-E204C RVEGNLRVD\	734	334
>TP53-E204C IRVEGNLRVE'	53	>TP53-E204C IRVEGNLRVD	97	44
>TP53-E204C EYLDDRNTF	103	>TP53-E204C GYLDDRNTF	53	50
>TP53-E204C EYLDDRNTF	18	>TP53-E204C GYLDDRNTF	9	9
>TP53-E204C EYLDDRNTF	381	>TP53-E204C GYLDDRNTF	14995	14614
>TP53-E204C EYLDDRNTF	301	>TP53-E204C GYLDDRNTF	18320	18019
>TP53-E204C EYLDDRNTFR	328	>TP53-E204C GYLDDRNTFF	194	134
>TP53-E204C EYLDDRNTFR	88	>TP53-E204C GYLDDRNTFF	600	512
>TP53-E204C EYLDDRNTFR	19	>TP53-E204C GYLDDRNTFF	54	35
>TP53-E204C VEYLDDRNTF	124	>TP53-E204C VGYLDDRNTF	579	455
>TP53-E204C VEYLDDRNTF	524	>TP53-E204C VGYLDDRNTF	370	154
>TP53-E204C RVEYLDDR	433	>TP53-E204C RVGYLDDR	282	151
>TP53-E204C RVEYLDDRNT	40	>TP53-E204C RVGYLDDRNT	26	14
>TP53-E204C RVEYLDDRNT	2758	>TP53-E204C RVGYLDDRNT	272	2486
>TP53-E204C RVEYLDDRNT	78	>TP53-E204C RVGYLDDRNT	213	135

>TP53-E204C RVEYLDDR	1045	>TP53-E204C RVGYLDDR	421	624
>TP53-E204C VEGNLRVEYL	312	>TP53-E204C VEGNLRVGYL	240	72
>TP53-E204C VEGNLRVEY	67	>TP53-E204C VEGNLRVGY	128	61
>TP53-E204C VEGNLRVEYL	472	>TP53-E204C VEGNLRVGYL	486	14
>TP53-E204C VEGNLRVEY	338	>TP53-E204C VEGNLRVGY	375	37
>TP53-E204C VEGNLRVEYL	278	>TP53-E204C VEGNLRVGYL	539	261
>TP53-E204C RVEGNLRVEY	224	>TP53-E204C RVEGNLRVG\`	539	315
>TP53-E204C RVEGNLRVEY	301	>TP53-E204C RVEGNLRVG\`	221	80
>TP53-E204C RVEGNLRVEY	400	>TP53-E204C RVEGNLRVG\`	483	83
>TP53-E204C IRVEGNLRVE\`	53	>TP53-E204C IRVEGNLRVG	141	88
>TP53-E204C IRVEGNLRVE\`	668	>TP53-E204C IRVEGNLRVG	338	330
>TP53-E204K EYLDDRNTF	10690	>TP53-E204K KYLDDRNTF	450	10240
>TP53-E204K EYLDDRNTF	103	>TP53-E204K KYLDDRNTF	28	75
>TP53-E204K EYLDDRNTF	667	>TP53-E204K KYLDDRNTF	199	468
>TP53-E204K EYLDDRNTF	18	>TP53-E204K KYLDDRNTF	6	12
>TP53-E204K EYLDDRNTF	381	>TP53-E204K KYLDDRNTF	10579	10198
>TP53-E204K EYLDDRNTF	301	>TP53-E204K KYLDDRNTF	12937	12636
>TP53-E204K EYLDDRNTFR	17443	>TP53-E204K KYLDDRNTFR	470	16973
>TP53-E204K EYLDDRNTFR	328	>TP53-E204K KYLDDRNTFR	17	311
>TP53-E204K EYLDDRNTF	4692	>TP53-E204K KYLDDRNTF	111	4581
>TP53-E204K EYLDDRNTFR	88	>TP53-E204K KYLDDRNTFR	405	317
>TP53-E204K EYLDDRNTF	1873	>TP53-E204K KYLDDRNTF	203	1670
>TP53-E204K EYLDDRNTFR	19	>TP53-E204K KYLDDRNTFR	10	9
>TP53-E204K EYLDDRNTF	2742	>TP53-E204K KYLDDRNTF	350	2392
>TP53-E204K VEYLDDRNTF	124	>TP53-E204K VKYLDDRNTF	6	118
>TP53-E204K LIRVEGNLRVI	7444	>TP53-E204K LIRVEGNLRVI	14	7430
>TP53-E204K RVEYLDDR	433	>TP53-E204K RVKYLDDR	27	406
>TP53-E204K RVEYLDDRNT	40	>TP53-E204K RVKYLDDRNT	48	8
>TP53-E204K RVEYLDDRNT	2758	>TP53-E204K RVKYLDDRNT	110	2648
>TP53-E204K RVEYLDDRNT	2406	>TP53-E204K RVKYLDDRNT	188	2218
>TP53-E204K RVEYLDDRNT	78	>TP53-E204K RVKYLDDRNT	54	24
>TP53-E204K VEGNLRVEYL	312	>TP53-E204K VEGNLRVKYL	117	195
>TP53-E204K VEGNLRVEY	67	>TP53-E204K VEGNLRVKY	127	60
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>TP53-E204K VEGNLRVEY	338	>TP53-E204K VEGNLRVKY	520	182
>TP53-E204K VEGNLRVEYL	278	>TP53-E204K VEGNLRVKYL	511	233
>TP53-E204K RVEGNLRVE	13453	>TP53-E204K RVEGNLRVK	92	13361
>TP53-E204K RVEGNLRVEY	224	>TP53-E204K RVEGNLRVKY	209	15
>TP53-E204K RVEGNLRVEY	301	>TP53-E204K RVEGNLRVKY	303	2
>TP53-E204K RVEGNLRVEY	400	>TP53-E204K RVEGNLRVKY	234	166
>TP53-E204K IRVEGNLRVE\`	53	>TP53-E204K IRVEGNLRVK\`	110	57
>TP53-E204K IRVEGNLRVE	4705	>TP53-E204K IRVEGNLRVK	258	4447
>TP53-E204K IRVEGNLRVE\`	668	>TP53-E204K IRVEGNLRVK\`	328	340

>TP53-E204C EYLDDRNTF	103	>TP53-E204C QYLDDRNTF	59	44
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>TP53-E204C EYLDDRNTF	381	>TP53-E204C QYLDDRNTF	3244	2863
>TP53-E204C EYLDDRNTF	301	>TP53-E204C QYLDDRNTF	4571	4270
>TP53-E204C EYLDDRNTFR	328	>TP53-E204C QYLDDRNTFF	92	236
>TP53-E204C EYLDDRNTFR	88	>TP53-E204C QYLDDRNTFF	125	37
>TP53-E204C EYLDDRNTFR	19	>TP53-E204C QYLDDRNTFF	17	2
>TP53-E204C VEYLDDRNTF	2651	>TP53-E204C VQYLDDRNTI	69	2582
>TP53-E204C VEYLDDRNTF	3233	>TP53-E204C VQYLDDRNTI	93	3140
>TP53-E204C VEYLDDRNTF	5253	>TP53-E204C VQYLDDRNTI	475	4778
>TP53-E204C VEYLDDRNTF	124	>TP53-E204C VQYLDDRNTI	7	117
>TP53-E204C VEYLDDRNTF	524	>TP53-E204C VQYLDDRNTI	227	297
>TP53-E204C RVEYLDDRNT	2893	>TP53-E204C RVQYLDDRNT	346	2547
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>TP53-E204C VEGNLRVEYL	312	>TP53-E204C VEGNLRVQYI	361	49
>TP53-E204C VEGNLRVEY	67	>TP53-E204C VEGNLRVQY	109	42
>TP53-E204C VEGNLRVEYL	472	>TP53-E204C VEGNLRVQYI	554	82
>TP53-E204C VEGNLRVEY	338	>TP53-E204C VEGNLRVQY	528	190
>TP53-E204C VEGNLRVEYL	278	>TP53-E204C VEGNLRVQYI	135	143
>TP53-E204C RVEGNLRVEY	224	>TP53-E204C RVEGNLRVQ	210	14
>TP53-E204C RVEGNLRVEY	301	>TP53-E204C RVEGNLRVQ	152	149
>TP53-E204C RVEGNLRVEY	400	>TP53-E204C RVEGNLRVQ	416	16
>TP53-E204C IRVEGNLRVE	53	>TP53-E204C IRVEGNLRVQ	99	46
>TP53-E204C IRVEGNLRVE	668	>TP53-E204C IRVEGNLRVQ	419	249
>TP53-E204V EYLDDRNTF	103	>TP53-E204V VYLDDRNTF	25	78
>TP53-E204V EYLDDRNTF	667	>TP53-E204V VYLDDRNTF	269	398
>TP53-E204V EYLDDRNTF	18	>TP53-E204V VYLDDRNTF	9	9
>TP53-E204V EYLDDRNTF	381	>TP53-E204V VYLDDRNTF	12845	12464
>TP53-E204V EYLDDRNTF	301	>TP53-E204V VYLDDRNTF	10923	10622
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>TP53-E204V EYLDDRNTFR	88	>TP53-E204V VYLDDRNTFR	115	27
>TP53-E204V EYLDDRNTF	1873	>TP53-E204V VYLDDRNTF	396	1477
>TP53-E204V EYLDDRNTFR	19	>TP53-E204V VYLDDRNTFR	27	8
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>TP53-E204V VEYLDDRNTF	2651	>TP53-E204V VVYLDDRNTF	65	2586
>TP53-E204V VEYLDDRNTF	10212	>TP53-E204V VVYLDDRNTF	375	9837
>TP53-E204V VEYLDDRNTF	1728	>TP53-E204V VVYLDDRNTF	121	1607
>TP53-E204V VEYLDDRNTF	2593	>TP53-E204V VVYLDDRNTF	32	2561
>TP53-E204V VEYLDDRNTF	124	>TP53-E204V VVYLDDRNTF	338	214

>TP53-E204V VEYLDDRNTF	15641	>TP53-E204V VVYLDDRNTF	112	15529
>TP53-E204V VEYLDDRNTF	524	>TP53-E204V VVYLDDRNTF	295	229
>TP53-E204V LIRVEGNLRVI	34210	>TP53-E204V LIRVEGNLRV	161	34049
>TP53-E204V LIRVEGNLRVI	7444	>TP53-E204V LIRVEGNLRV	451	6993
>TP53-E204V RVEYLDDRNT	12808	>TP53-E204V RVVYLDDRNT	122	12686
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>TP53-E204V RVEYLDDRNT	1271	>TP53-E204V RVVYLDDRNT	88	1183
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>TP53-E204V RVEYLDDRNT	78	>TP53-E204V RVVYLDDRNT	60	18
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>TP53-E204V VEGNLRVE	8208	>TP53-E204V VEGNLRVV	466	7742
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>TP53-E204V VEGNLRVEY	338	>TP53-E204V VEGNLRVVY	579	241
>TP53-E204V VEGNLRVEYL	278	>TP53-E204V VEGNLRVVYL	574	296
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>TP53-E204V RVEGNLRVEY	400	>TP53-E204V RVEGNLRVV	328	72
>TP53-E204V IRVEGNLRVE	53	>TP53-E204V IRVEGNLRVV	44	9
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>TP53-E221C VVVPYEPPEV	72	>TP53-E221C VVVPYDPPEV	60	12
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>TP53-E221C VVVPYEPPEV	353	>TP53-E221C VVVPYDPPEV	318	35
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>TP53-E221C SVVVPYEPPE	57	>TP53-E221C SVVVPYDPPE	74	17
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>TP53-E221C SVVVPYEPPE	26	>TP53-E221C SVVVPYDPPE	25	1
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>TP53-E221C VPYEPPEV	205	>TP53-E221C VPYGPPEV	88	117
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>TP53-E221C VVVPYEPPEV	72	>TP53-E221C VVVPYGPPEV	49	23
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>TP53-E221C VVVPYEPPEV	353	>TP53-E221C VVVPYGPPEV	109	244
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>TP53-E221K TFRHSVVVPY	1278	>TP53-E221K TFRHSVVVPY	5	1273
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>TP53-E221K VPYEPPEV	184	>TP53-E221K VPYKPPEV	70	114
>TP53-E221K VPYEPPEV	139	>TP53-E221K VPYKPPEV	1278	1139
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>TP53-E221K VVPYEPPEV	214	>TP53-E221K VVPYKPPEV	198	16
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>TP53-E221K VVVPYEPPEV	390	>TP53-E221K VVVPYKPPEV	577	187
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>TP53-E221KSVVVPYEPPE	129	>TP53-E221KSVVVPYKPPE	248	119
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>TP53-E221KSVVVPYEPPE	81	>TP53-E221KSVVVPYKPPE	104	23
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>TP53-E221KHSVVVPYE	8571	>TP53-E221KHSVVVPYK	24	8547
>TP53-E221KHSVVVPYE	9782	>TP53-E221KHSVVVPYK	127	9655
>TP53-E221KHSVVVPYE	4274	>TP53-E221KHSVVVPYK	14	4260
>TP53-E221KRHSVVVPYE	14528	>TP53-E221KRHSVVVPYK	233	14295
>TP53-E221KFRHSVVVPYE	3392	>TP53-E221KFRHSVVVPYK	193	3199
>TP53-E224C EVGSDCTTIH'	11	>TP53-E224C DVGSDCTTIH	41	30
>TP53-E224C EVGSDCTTIH'	75	>TP53-E224C DVGSDCTTIH	216	141
>TP53-E224C EVGSDCTTIH'	387	>TP53-E224C DVGSDCTTIH	325	62
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>TP53-E224C PEVGSDCTTI	342	>TP53-E224C PDVGSDCTTI	11926	11584
>TP53-E224C PEVGSDCTTI	2986	>TP53-E224C PDVGSDCTTI	84	2902
>TP53-E224C VPYEPPEV	184	>TP53-E224C VPYEPPEV	78	106
>TP53-E224C VPYEPPEV	139	>TP53-E224C VPYEPPEV	1219	1080
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>TP53-E224C VPYEPPEV	48	>TP53-E224C VPYEPPEV	70	22
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>TP53-E224C VVPYEPPEV	56	>TP53-E224C VVPYEPPEV	253	197
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>TP53-E224C VVVPYEPPEV	136	>TP53-E224C VVVPYEPPEV	411	275
>TP53-E224C VVVPYEPPEV	28	>TP53-E224C VVVPYEPPEV	243	215
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>TP53-E224C VVVPYEPPEV	9	>TP53-E224C VVVPYEPPEV	20	11
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>TP53-E224C SVVVPYEPPE	75	>TP53-E224C SVVVPYEPPE	446	371
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>TP53-E224C SVVVPYEPPE	129	>TP53-E224C SVVVPYEPPE	502	373
>TP53-E224C SVVVPYEPPE	57	>TP53-E224C SVVVPYEPPE	165	108
>TP53-E224C SVVVPYEPPE	81	>TP53-E224C SVVVPYEPPE	378	297

>TP53-E224C SVVVPYEPPE'	26	>TP53-E224C SVVVPYEPPE'	127	101
>TP53-E224C EVGSDCTTIH'	11	>TP53-E224C GVGSDCTTIH'	1607	1596
>TP53-E224C EVGSDCTTIH'	75	>TP53-E224C GVGSDCTTIH'	4822	4747
>TP53-E224C EVGSDCTTIH'	387	>TP53-E224C GVGSDCTTIH'	57	330
>TP53-E224C EVGSDCTTIH'	1152	>TP53-E224C GVGSDCTTIH'	325	827
>TP53-E224C EVGSDCTTIH'	326	>TP53-E224C GVGSDCTTIH'	353	27
>TP53-E224C EVGSDCTTIH'	819	>TP53-E224C GVGSDCTTIH'	239	580
>TP53-E224C EVGSDCTTI	5853	>TP53-E224C GVGSDCTTI	486	5367
>TP53-E224C PEVGSDCTTI	342	>TP53-E224C PGVGSDCTTI	34909	34567
>TP53-E224C VPYEPPEV	184	>TP53-E224C VPYEPPEV	1217	1033
>TP53-E224C VPYEPPEV	139	>TP53-E224C VPYEPPEV	177	38
>TP53-E224C VPYEPPEV	266	>TP53-E224C VPYEPPEV	160	106
>TP53-E224C VPYEPPEV	48	>TP53-E224C VPYEPPEV	101	53
>TP53-E224C VPYEPPEV	205	>TP53-E224C VPYEPPEV	258	53
>TP53-E224C VVPYEPPEV	662	>TP53-E224C VVPYEPPEV	489	173
>TP53-E224C VVPYEPPEV	507	>TP53-E224C VVPYEPPEV	364	143
>TP53-E224C VVPYEPPEV	214	>TP53-E224C VVPYEPPEV	226	12
>TP53-E224C VVPYEPPEV	329	>TP53-E224C VVPYEPPEV	304	25
>TP53-E224C VVPYEPPEV	56	>TP53-E224C VVPYEPPEV	82	26
>TP53-E224C VVVPYEPPEV	390	>TP53-E224C VVVPYEPPEV	263	127
>TP53-E224C VVVPYEPPEV	136	>TP53-E224C VVVPYEPPEV	120	16
>TP53-E224C VVVPYEPPEV	28	>TP53-E224C VVVPYEPPEV	27	1
>TP53-E224C VVVPYEPPEV	72	>TP53-E224C VVVPYEPPEV	80	8
>TP53-E224C VVVPYEPPEV	955	>TP53-E224C VVVPYEPPEV	408	547
>TP53-E224C VVVPYEPPEV	9	>TP53-E224C VVVPYEPPEV	10	1
>TP53-E224C VVVPYEPPEV	353	>TP53-E224C VVVPYEPPEV	175	178
>TP53-E224C SVVVPYEPPE'	515	>TP53-E224C SVVVPYEPPE'	397	118
>TP53-E224C SVVVPYEPPE'	75	>TP53-E224C SVVVPYEPPE'	51	24
>TP53-E224C SVVVPYEPPE'	92	>TP53-E224C SVVVPYEPPE'	90	2
>TP53-E224C SVVVPYEPPE'	129	>TP53-E224C SVVVPYEPPE'	135	6
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>TP53-E224C SVVVPYEPPE'	81	>TP53-E224C SVVVPYEPPE'	86	5
>TP53-E224C SVVVPYEPPE'	26	>TP53-E224C SVVVPYEPPE'	15	11
>TP53-E224K EVGSDCTTIH'	11	>TP53-E224K KVGSDCTTIH'	608	597
>TP53-E224K EVGSDCTTIH'	75	>TP53-E224K KVGSDCTTIH'	2345	2270
>TP53-E224K EVGSDCTTIH'	387	>TP53-E224K KVGSDCTTIH'	144	243
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>TP53-E224K EVGSDCTTI	3328	>TP53-E224K KVGSDCTTI	48	3280
>TP53-E224K EVGSDCTTIH'	326	>TP53-E224K KVGSDCTTIH'	25	301
>TP53-E224K EVGSDCTTIH'	819	>TP53-E224K KVGSDCTTIH'	154	665
>TP53-E224K EVGSDCTTI	2492	>TP53-E224K KVGSDCTTI	176	2316
>TP53-E224K PEVGSDCTTI	342	>TP53-E224K PKVGSDCTTI	24114	23772
>TP53-E224K HSVVVPYEPPE'	26940	>TP53-E224K HSVVVPYEPPE'	69	26871

>TP53-E224KHSVVVPYEPP	9329	>TP53-E224KHSVVVPYEPP	32	9297
>TP53-E224KHSVVVPYEPP	13437	>TP53-E224KHSVVVPYEPP	363	13074
>TP53-E224KHSVVVPYEPP	10605	>TP53-E224KHSVVVPYEPP	63	10542
>TP53-E224KVPYEPEEV	184	>TP53-E224KVPYEPPKV	577	393
>TP53-E224KVPYEPEEV	139	>TP53-E224KVPYEPPKV	439	300
>TP53-E224KVPYEPEEV	266	>TP53-E224KVPYEPPKV	494	228
>TP53-E224KVPYEPEEV	48	>TP53-E224KVPYEPPKV	61	13
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>TP53-E224KVVPEPEEV	214	>TP53-E224KVVPEPPKV	602	388
>TP53-E224KVVPEPEEV	329	>TP53-E224KVVPEPPKV	560	231
>TP53-E224KVVPEPEEV	56	>TP53-E224KVVPEPPKV	125	69
>TP53-E224KVVPEPEE	27427	>TP53-E224KVVPEPPK	208	27219
>TP53-E224KVVVPYEPEEV	390	>TP53-E224KVVVPYEPPKV	725	335
>TP53-E224KVVVPYEPEEV	136	>TP53-E224KVVVPYEPPKV	288	152
>TP53-E224KVVVPYEPEEV	28	>TP53-E224KVVVPYEPPKV	58	30
>TP53-E224KVVVPYEPEEV	72	>TP53-E224KVVVPYEPPKV	141	69
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>TP53-E224KVVVPYEPEE	23490	>TP53-E224KVVVPYEPPK	39	23451
>TP53-E224KVVVPYEPEE	14804	>TP53-E224KVVVPYEPPK	252	14552
>TP53-E224KVVVPYEPEE	22309	>TP53-E224KVVVPYEPPK	430	21879
>TP53-E224KVVVPYEPEEV	353	>TP53-E224KVVVPYEPPKV	565	212
>TP53-E224KSVVVPYEPEE	75	>TP53-E224KSVVVPYEPPK	239	164
>TP53-E224KSVVVPYEPEE	92	>TP53-E224KSVVVPYEPPK	212	120
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>TP53-E224KSVVVPYEPEE	57	>TP53-E224KSVVVPYEPPK	101	44
>TP53-E224KSVVVPYEPEE	31346	>TP53-E224KSVVVPYEPPK	31	31315
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>TP53-E224KSVVVPYEPEE	26503	>TP53-E224KSVVVPYEPPK	48	26455
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>TP53-E224KSVVVPYEPEE	26	>TP53-E224KSVVVPYEPPK	36	10
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>TP53-E258ALEDSSGNL	33	>TP53-E258ALADSSGNL	19984	19951
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>TP53-E258ALEDSSGNLL	4734	>TP53-E258ALADSSGNLL	497	4237
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>TP53-E258ARRPILTIITLE	129	>TP53-E258ARRPILTIITLA	86	43
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>TP53-E258ATLEDSSGNL	5705	>TP53-E258ATLADSSGNL	416	5289
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>TP53-E258ATLEDSSGNL	513	>TP53-E258ATLADSSGNL	9	504



>TP53-E258A TLEDSSGNLL	977	>TP53-E258A TLADSSGNLL	149	828
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>TP53-E258A TLEDSSGNLL	1674	>TP53-E258A TLADSSGNLL	181	1493
>TP53-E258A TLEDSSGNL	947	>TP53-E258A TLADSSGNL	164	783
>TP53-E258A TLEDSSGNLL	736	>TP53-E258A TLADSSGNLL	148	588
>TP53-E258A TLEDSSGNL	3341	>TP53-E258A TLADSSGNL	89	3252
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>TP53-E258A TLEDSSGNL	4640	>TP53-E258A TLADSSGNL	98	4542
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>TP53-E258A TLEDSSGNL	10382	>TP53-E258A TLADSSGNL	154	10228
>TP53-E258A TLEDSSGNL	5016	>TP53-E258A TLADSSGNL	489	4527
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>TP53-E258A ITLEDSSGNL	371	>TP53-E258A ITLADSSGNL	577	206
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>TP53-E258C LEDSSGNLL	20	>TP53-E258C LDDSSGNLL	14171	14151
>TP53-E258C RRPILTIITLE	129	>TP53-E258C RRPILTIITLD	156	27
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>TP53-E258C TLEDSSGNL	513	>TP53-E258C TLDDSSGNL	301	212
>TP53-E258C TLEDSSGNL	1522	>TP53-E258C TLDDSSGNL	59	1463

>TP53-E258C TLEDSSGNLL	1674	>TP53-E258C TLDDSSGNLL	72	1602
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>TP53-E258C TLEDSSGNLL	736	>TP53-E258C TLDDSSGNLL	58	678
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>TP53-E258C TLEDSSGNL	4640	>TP53-E258C TLDDSSGNL	136	4504
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>TP53-E258C ITLEDSSGNL	341	>TP53-E258C ITLDDSSGNL	239	102
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>TP53-E258C EDSSGNLL	273	>TP53-E258C GDSSGNLL	2769	2496
>TP53-E258C LEDSSGNL	33	>TP53-E258C LGDSSGNL	22071	22038
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>TP53-E258C ITLEDSSGNL	495	>TP53-E258C ITLGDSSGNL	527	32
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>TP53-E258CITLEDSSGNL	371	>TP53-E258CITLGDSSGNL	360	11
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>TP53-E258CITLEDSSGNL	302	>TP53-E258CITLGDSSGNL	808	506
>TP53-E258CITLEDSSGNLL	339	>TP53-E258CITLGDSSGNLI	968	629
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>TP53-E258CITLEDSSGNLL	354	>TP53-E258CITLGDSSGNLI	2123	1769
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>TP53-E258CITLEDSSGNLL	18	>TP53-E258CITLGDSSGNLI	16	2
>TP53-E258CITLEDSSGNLL	259	>TP53-E258CITLGDSSGNLI	247	12
>TP53-E258CITLEDSSGNL	341	>TP53-E258CITLGDSSGNL	327	14
>TP53-E258CITLEDSSGNLL	30	>TP53-E258CITLGDSSGNLI	14	16
>TP53-E258KEDSSGNLL	273	>TP53-E258KEDSSGNLL	715	442
>TP53-E258KEDSSGNLLGR	3878	>TP53-E258KEDSSGNLLGR	379	3499
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>TP53-E258KLEDSSGNL	33	>TP53-E258KLEDSSGNL	17844	17811
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>TP53-E258KITLEDSSGNLL	339	>TP53-E258KITLKDSSGNLL	2971	2632
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>TP53-E258KITLEDSSGNLL	354	>TP53-E258KITLKDSSGNLL	2154	1800
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>TP53-E258L LEDSSGNL	28835	>TP53-E258L LLDSSGNL	14	28821
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>TP53-E258L LEDSSGNLL	20	>TP53-E258L LLDSSGNLL	21252	21232
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>TP53-E258L RRPILTIITL	129	>TP53-E258L RRPILTIITLL	17	112
>TP53-E258L RRPILTIITL	467	>TP53-E258L RRPILTIITLL	5	462
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>TP53-E258L TLEDSSGNLL	7561	>TP53-E258L TLLDSSGNLL	64	7497
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>TP53-E258L RPILTIITL	38346	>TP53-E258L RPILTIITLL	355	37991
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>TP53-E258L RPILTIITL	18401	>TP53-E258L RPILTIITLL	412	17989
>TP53-E258C EDSSGNLL	273	>TP53-E258C QDSSGNLL	196	77
>TP53-E258C LEDSSGNLL	8628	>TP53-E258C LQDSSGNLL	293	8335
>TP53-E258C LEDSSGNLL	15146	>TP53-E258C LQDSSGNLL	232	14914
>TP53-E258C LEDSSGNLL	5589	>TP53-E258C LQDSSGNLL	344	5245
>TP53-E258C LEDSSGNLL	2402	>TP53-E258C LQDSSGNLL	188	2214
>TP53-E258C LEDSSGNL	33	>TP53-E258C LQDSSGNL	4047	4014
>TP53-E258C LEDSSGNLL	20	>TP53-E258C LQDSSGNLL	2133	2113
>TP53-E258C RRPILTIITL	129	>TP53-E258C RRPILTIITLQ	115	14
>TP53-E258C RRPILTIITL	467	>TP53-E258C RRPILTIITLQ	152	315
>TP53-E258C TLEDSSGNL	62	>TP53-E258C TLQDSSGNL	39	23
>TP53-E258C TLEDSSGNLL	133	>TP53-E258C TLQDSSGNLL	82	51
>TP53-E258C TLEDSSGNL	513	>TP53-E258C TLQDSSGNL	64	449
>TP53-E258C TLEDSSGNLL	977	>TP53-E258C TLQDSSGNLL	482	495
>TP53-E258C TLEDSSGNL	1522	>TP53-E258C TLQDSSGNL	301	1221
>TP53-E258C TLEDSSGNLL	1674	>TP53-E258C TLQDSSGNLL	361	1313
>TP53-E258C TLEDSSGNL	947	>TP53-E258C TLQDSSGNL	88	859
>TP53-E258C TLEDSSGNLL	736	>TP53-E258C TLQDSSGNLL	82	654
>TP53-E258C TLEDSSGNL	24	>TP53-E258C TLQDSSGNL	11	13
>TP53-E258C TLEDSSGNLL	23	>TP53-E258C TLQDSSGNLL	11	12
>TP53-E258C ITLEDSSGNL	495	>TP53-E258C ITLQDSSGNL	832	337
>TP53-E258C ITLEDSSGNL	471	>TP53-E258C ITLQDSSGNL	539	68
>TP53-E258C ITLEDSSGNL	371	>TP53-E258C ITLQDSSGNL	804	433
>TP53-E258C ITLEDSSGNLL	270	>TP53-E258C ITLQDSSGNLI	1521	1251
>TP53-E258C ITLEDSSGNL	302	>TP53-E258C ITLQDSSGNL	1621	1319
>TP53-E258C ITLEDSSGNLL	339	>TP53-E258C ITLQDSSGNLI	1889	1550

>TP53-E258CITLEDSSGNL	137	>TP53-E258CITLQDSSGNL	682	545
>TP53-E258CITLEDSSGNLL	354	>TP53-E258CITLQDSSGNLI	1699	1345
>TP53-E258CITLEDSSGNL	6	>TP53-E258CITLQDSSGNL	5	1
>TP53-E258CITLEDSSGNLL	18	>TP53-E258CITLQDSSGNLI	16	2
>TP53-E258CITLEDSSGNLL	259	>TP53-E258CITLQDSSGNLI	308	49
>TP53-E258CITLEDSSGNL	341	>TP53-E258CITLQDSSGNL	674	333
>TP53-E258CITLEDSSGNLL	30	>TP53-E258CITLQDSSGNLI	11	19
>TP53-E258CITLEDSSGNLL	604	>TP53-E258CITLQDSSGNLI	454	150
>TP53-E258CILTIITILE	2676	>TP53-E258CILTIITLQ	397	2279
>TP53-E258CILTIITILE	6248	>TP53-E258CILTIITLQ	97	6151
>TP53-E258VEDSSGNLL	273	>TP53-E258VVDSSGNLL	1463	1190
>TP53-E258VLEDSSGNLL	8628	>TP53-E258VLVDSSGNLL	250	8378
>TP53-E258VLEDSSGNL	33	>TP53-E258VLVDSSGNL	21858	21825
>TP53-E258VLEDSSGNLL	20	>TP53-E258VLVDSSGNLL	21140	21120
>TP53-E258VLEDSSGNLL	4734	>TP53-E258VLVDSSGNLL	256	4478
>TP53-E258VRRPILTIITILE	2464	>TP53-E258VRRPILTIITLV	138	2326
>TP53-E258VRRPILTIITILE	129	>TP53-E258VRRPILTIITLV	33	96
>TP53-E258VRRPILTIITILE	467	>TP53-E258VRRPILTIITLV	18	449
>TP53-E258VTLEDSSGNL	62	>TP53-E258VTLVDSSGNL	23	39
>TP53-E258VTLEDSSGNLL	133	>TP53-E258VTLVDSSGNLL	38	95
>TP53-E258VTLEDSSGNL	513	>TP53-E258VTLVDSSGNL	18	495
>TP53-E258VTLEDSSGNLL	977	>TP53-E258VTLVDSSGNLL	157	820
>TP53-E258VTLEDSSGNL	1522	>TP53-E258VTLVDSSGNL	192	1330
>TP53-E258VTLEDSSGNLL	1674	>TP53-E258VTLVDSSGNLL	233	1441
>TP53-E258VTLEDSSGNL	947	>TP53-E258VTLVDSSGNL	146	801
>TP53-E258VTLEDSSGNLL	736	>TP53-E258VTLVDSSGNLL	136	600
>TP53-E258VTLEDSSGNL	3341	>TP53-E258VTLVDSSGNL	483	2858
>TP53-E258VTLEDSSGNLL	3638	>TP53-E258VTLVDSSGNLL	413	3225
>TP53-E258VTLEDSSGNL	24	>TP53-E258VTLVDSSGNL	12	12
>TP53-E258VTLEDSSGNLL	23	>TP53-E258VTLVDSSGNLL	11	12
>TP53-E258VITLEDSSGNL	495	>TP53-E258VITLVDSSGNL	1070	575
>TP53-E258VITLEDSSGNL	471	>TP53-E258VITLVDSSGNL	755	284
>TP53-E258VITLEDSSGNL	371	>TP53-E258VITLVDSSGNL	605	234
>TP53-E258VITLEDSSGNLL	270	>TP53-E258VITLVDSSGNLL	1471	1201
>TP53-E258VITLEDSSGNL	302	>TP53-E258VITLVDSSGNL	3486	3184
>TP53-E258VITLEDSSGNLL	339	>TP53-E258VITLVDSSGNLL	4146	3807
>TP53-E258VITLEDSSGNL	137	>TP53-E258VITLVDSSGNL	1096	959
>TP53-E258VITLEDSSGNLL	354	>TP53-E258VITLVDSSGNLL	2573	2219
>TP53-E258VITLEDSSGNL	6	>TP53-E258VITLVDSSGNL	6	0
>TP53-E258VITLEDSSGNLL	18	>TP53-E258VITLVDSSGNLL	18	0
>TP53-E258VITLEDSSGNLL	259	>TP53-E258VITLVDSSGNLL	423	164
>TP53-E258VITLEDSSGNL	341	>TP53-E258VITLVDSSGNL	217	124
>TP53-E258VITLEDSSGNLL	30	>TP53-E258VITLVDSSGNLL	15	15

>TP53-E258VILTIITILE	19914	>TP53-E258VILTIITLV	37	19877
>TP53-E258VILTIITILE	2676	>TP53-E258VILTIITLV	8	2668
>TP53-E258VILTIITILE	11278	>TP53-E258VILTIITLV	12	11266
>TP53-E258VILTIITILE	17884	>TP53-E258VILTIITLV	66	17818
>TP53-E258VILTIITILE	16513	>TP53-E258VILTIITLV	6	16507
>TP53-E258VILTIITILE	24495	>TP53-E258VILTIITLV	49	24446
>TP53-E258VILTIITILE	18140	>TP53-E258VILTIITLV	8	18132
>TP53-E258VILTIITILE	25289	>TP53-E258VILTIITLV	18	25271
>TP53-E258VILTIITILE	6248	>TP53-E258VILTIITLV	2	6246
>TP53-E258VILTIITILE	23163	>TP53-E258VILTIITLV	417	22746
>TP53-E258VILTIITILE	29925	>TP53-E258VILTIITLV	321	29604
>TP53-E258VILTIITILE	28595	>TP53-E258VILTIITLV	120	28475
>TP53-E258VILTIITILE	24428	>TP53-E258VILTIITLV	126	24302
>TP53-E258VILTIITILE	25358	>TP53-E258VILTIITLV	120	25238
>TP53-E258VILTIITILE	31834	>TP53-E258VILTIITLV	57	31777
>TP53-E258VILTIITILE	2802	>TP53-E258VILTIITLV	54	2748
>TP53-E258VILTIITILE	1945	>TP53-E258VILTIITLV	131	1814
>TP53-E271CEVRVCACPGI	329	>TP53-E271CEVRVCACPGI	111	218
>TP53-E271CEVRVCACPGI	70	>TP53-E271CEVRVCACPGI	126	56
>TP53-E271CFEVRVCACPGI	370	>TP53-E271CFEVRVCACPGI	408	38
>TP53-E271CNSFEVRVCA	21	>TP53-E271CNSFEVRVCA	18	3
>TP53-E271CGRNSFEVR	405	>TP53-E271CGRNSFEVR	579	174
>TP53-E271CLGRNSFEVR	286	>TP53-E271CLGRNSFEVR	822	536
>TP53-E271CLLGRNSFEV	26	>TP53-E271CLLGRNSFEV	313	287
>TP53-E271CLLGRNSFEVR	137	>TP53-E271CLLGRNSFEVR	207	70
>TP53-E271CLLGRNSFEV	16	>TP53-E271CLLGRNSFEV	145	129
>TP53-E271CLLGRNSFEVR	62	>TP53-E271CLLGRNSFEVR	83	21
>TP53-E271CLLGRNSFEV	47	>TP53-E271CLLGRNSFEV	183	136
>TP53-E271CLLGRNSFEVR	214	>TP53-E271CLLGRNSFEVR	218	4
>TP53-E271CLLGRNSFEV	39	>TP53-E271CLLGRNSFEV	404	365
>TP53-E271CLLGRNSFEV	2	>TP53-E271CLLGRNSFEV	5	3
>TP53-E271CLLGRNSFEVR	3	>TP53-E271CLLGRNSFEVR	4	1
>TP53-E271CLLGRNSFEV	2	>TP53-E271CLLGRNSFEV	3	1
>TP53-E271CLLGRNSFEVR	7	>TP53-E271CLLGRNSFEVR	6	1
>TP53-E271CLLGRNSFEV	5	>TP53-E271CLLGRNSFEV	8	3
>TP53-E271CLLGRNSFEVR	9	>TP53-E271CLLGRNSFEVR	10	1
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>TP53-E271CLLGRNSFEVR	6	>TP53-E271CLLGRNSFEVR	8	2
>TP53-E271CLLGRNSFEV	2	>TP53-E271CLLGRNSFEV	2	0
>TP53-E271CLLGRNSFEVR	2	>TP53-E271CLLGRNSFEVR	2	0
>TP53-E271CLLGRNSFEVR	429	>TP53-E271CLLGRNSFEVR	1172	743
>TP53-E271CLLGRNSFEV	425	>TP53-E271CLLGRNSFEV	2058	1633
>TP53-E271CNLLGRNSFEV	29	>TP53-E271CNLLGRNSFEV	87	58

>TP53-E271C NLLGRNSFEV	89	>TP53-E271C NLLGRNSFDV	210	121
>TP53-E271C NLLGRNSFEV	94	>TP53-E271C NLLGRNSFDV	195	101
>TP53-E271C NLLGRNSFEV	137	>TP53-E271C NLLGRNSFDV	410	273
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>TP53-E271C NLLGRNSFEV	7	>TP53-E271C NLLGRNSFDV	10	3
>TP53-E271C NLLGRNSFEV	3	>TP53-E271C NLLGRNSFDV	6	3
>TP53-E271C NLLGRNSFEV	3	>TP53-E271C NLLGRNSFDV	4	1
>TP53-E271C NLLGRNSFEV	109	>TP53-E271C NLLGRNSFDV	159	50
>TP53-E271C NLLGRNSFEV	309	>TP53-E271C NLLGRNSFDV	347	38
>TP53-E271C NLLGRNSFEV	52	>TP53-E271C NLLGRNSFDV	217	165
>TP53-E271C NLLGRNSFEV	195	>TP53-E271C NLLGRNSFDV	202	7
>TP53-E271C EVRVCACPG	6806	>TP53-E271C GVRVCACPG	384	6422
>TP53-E271C EVRVCACPGF	5897	>TP53-E271C GVRVCACPGI	371	5526
>TP53-E271C EVRVCACPGF	329	>TP53-E271C GVRVCACPGI	2849	2520
>TP53-E271C EVRVCACPGF	70	>TP53-E271C GVRVCACPGI	1473	1403
>TP53-E271C FEVRVCACPC	370	>TP53-E271C FGVRVCACPC	113	257
>TP53-E271C NSFVVRVCA	21	>TP53-E271C NSFVVRVCA	23	2
>TP53-E271C GRNSFEVR	405	>TP53-E271C GRNSFGVR	225	180
>TP53-E271C GRNSFEVRV	631	>TP53-E271C GRNSFGVRV	273	358
>TP53-E271C LGRNSFEVR	286	>TP53-E271C LGRNSFGVR	369	83
>TP53-E271C LLGRNSFEV	26	>TP53-E271C LLGRNSFGV	52	26
>TP53-E271C LLGRNSFEVR	137	>TP53-E271C LLGRNSFGVR	187	50
>TP53-E271C LLGRNSFEV	16	>TP53-E271C LLGRNSFGV	24	8
>TP53-E271C LLGRNSFEVR	62	>TP53-E271C LLGRNSFGVR	68	6
>TP53-E271C LLGRNSFEV	47	>TP53-E271C LLGRNSFGV	39	8
>TP53-E271C LLGRNSFEVR	214	>TP53-E271C LLGRNSFGVR	98	116
>TP53-E271C LLGRNSFEV	39	>TP53-E271C LLGRNSFGV	25	14
>TP53-E271C LLGRNSFEVR	582	>TP53-E271C LLGRNSFGVR	426	156
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>TP53-E271C LLGRNSFEVR	3	>TP53-E271C LLGRNSFGVR	3	0
>TP53-E271C LLGRNSFEV	2	>TP53-E271C LLGRNSFGV	2	0
>TP53-E271C LLGRNSFEVR	7	>TP53-E271C LLGRNSFGVR	6	1
>TP53-E271C LLGRNSFEV	5	>TP53-E271C LLGRNSFGV	5	0
>TP53-E271C LLGRNSFEVR	9	>TP53-E271C LLGRNSFGVR	9	0
>TP53-E271C LLGRNSFEV	2	>TP53-E271C LLGRNSFGV	2	0
>TP53-E271C LLGRNSFEVR	6	>TP53-E271C LLGRNSFGVR	6	0
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>TP53-E271C LLGRNSFEVR	2	>TP53-E271C LLGRNSFGVR	2	0
>TP53-E271C LLGRNSFEVR	429	>TP53-E271C LLGRNSFGVR	659	230
>TP53-E271C LLGRNSFEV	425	>TP53-E271C LLGRNSFGV	250	175
>TP53-E271C NLLGRNSFEV	29	>TP53-E271C NLLGRNSFGV	28	1
>TP53-E271C NLLGRNSFEV	89	>TP53-E271C NLLGRNSFGV	77	12



>TP53-E271C NLLGRNSFEV	94	>TP53-E271C NLLGRNSFGV	65	29
>TP53-E271C NLLGRNSFEV	137	>TP53-E271C NLLGRNSFGV	116	21
>TP53-E271C NLLGRNSFEV	3	>TP53-E271C NLLGRNSFGV	3	0
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>TP53-E271C NLLGRNSFEV	7	>TP53-E271C NLLGRNSFGV	6	1
>TP53-E271C NLLGRNSFEV	3	>TP53-E271C NLLGRNSFGV	3	0
>TP53-E271C NLLGRNSFEV	3	>TP53-E271C NLLGRNSFGV	3	0
>TP53-E271C NLLGRNSFEV	109	>TP53-E271C NLLGRNSFGV	107	2
>TP53-E271C NLLGRNSFEV	309	>TP53-E271C NLLGRNSFGV	470	161
>TP53-E271C NLLGRNSFEV	52	>TP53-E271C NLLGRNSFGV	29	23
>TP53-E271C NLLGRNSFEV	195	>TP53-E271C NLLGRNSFGV	217	22
>TP53-E271K EVRVCACP	14014	>TP53-E271K KVRVCACP	181	13833
>TP53-E271K EVRVCACPG	6806	>TP53-E271K KVRVCACPG	8	6798
>TP53-E271K EVRVCACPGF	5897	>TP53-E271K KVRVCACPGF	10	5887
>TP53-E271K EVRVCACPGF	13623	>TP53-E271K KVRVCACPGF	355	13268
>TP53-E271K EVRVCACPGF	673	>TP53-E271K KVRVCACPGF	29	644
>TP53-E271K EVRVCACPGF	329	>TP53-E271K KVRVCACPGF	2467	2138
>TP53-E271K EVRVCACPGF	70	>TP53-E271K KVRVCACPGF	2095	2025
>TP53-E271K EVRVCACPGF	2254	>TP53-E271K KVRVCACPGF	121	2133
>TP53-E271K EVRVCACPGF	744	>TP53-E271K KVRVCACPGF	104	640
>TP53-E271K FEVRVCACPC	370	>TP53-E271K FKVRVCACPC	304	66
>TP53-E271K SGNLLGRNSF	24081	>TP53-E271K SGNLLGRNSF	151	23930
>TP53-E271K SFEVRVCA	12293	>TP53-E271K SFKVRVCA	314	11979
>TP53-E271K SFEVRVCAC	7576	>TP53-E271K SFKVRVCAC	424	7152
>TP53-E271K NSFVRVCA	21	>TP53-E271K NSFKVRVCA	61	40
>TP53-E271K GRNSFEVR	405	>TP53-E271K GRNSFKVR	264	141
>TP53-E271K GRNSFEVRV	631	>TP53-E271K GRNSFKVRV	292	339
>TP53-E271K GRNSFEVRV	1117	>TP53-E271K GRNSFKVRV	383	734
>TP53-E271K LGRNSFEVR	286	>TP53-E271K LGRNSFKVR	408	122
>TP53-E271K LLGRNSFEV	26	>TP53-E271K LLGRNSFKV	76	50
>TP53-E271K LLGRNSFEVR	137	>TP53-E271K LLGRNSFKVR	275	138
>TP53-E271K LLGRNSFEV	16	>TP53-E271K LLGRNSFKV	37	21
>TP53-E271K LLGRNSFEVR	62	>TP53-E271K LLGRNSFKVR	105	43
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>TP53-E271K LLGRNSFEVR	214	>TP53-E271K LLGRNSFKVR	238	24
>TP53-E271K LLGRNSFEV	39	>TP53-E271K LLGRNSFKV	138	99
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>TP53-E271K LLGRNSFEVR	3	>TP53-E271K LLGRNSFKVR	3	0
>TP53-E271K LLGRNSFEV	2	>TP53-E271K LLGRNSFKV	3	1
>TP53-E271K LLGRNSFEVR	7	>TP53-E271K LLGRNSFKVR	12	5
>TP53-E271K LLGRNSFEV	5	>TP53-E271K LLGRNSFKV	6	1
>TP53-E271K LLGRNSFEVR	9	>TP53-E271K LLGRNSFKVR	12	3
>TP53-E271K LLGRNSFEV	2	>TP53-E271K LLGRNSFKV	2	0

>TP53-E271KLLGRNSFEVR	6	>TP53-E271KLLGRNSFKVR	9	3
>TP53-E271KLLGRNSFEV	2	>TP53-E271KLLGRNSFKV	2	0
>TP53-E271KLLGRNSFEVR	2	>TP53-E271KLLGRNSFKVR	2	0
>TP53-E271KLLGRNSFE	17277	>TP53-E271KLLGRNSFK	47	17230
>TP53-E271KLLGRNSFE	27320	>TP53-E271KLLGRNSFK	146	27174
>TP53-E271KLLGRNSFEVR	429	>TP53-E271KLLGRNSFKVR	425	4
>TP53-E271KLLGRNSFEV	425	>TP53-E271KLLGRNSFKV	719	294
>TP53-E271KNLLGRNSFEV	29	>TP53-E271KNLLGRNSFKV	67	38
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>TP53-E271KNLLGRNSFEV	94	>TP53-E271KNLLGRNSFKV	144	50
>TP53-E271KNLLGRNSFEV	137	>TP53-E271KNLLGRNSFKV	282	145
>TP53-E271KNLLGRNSFEV	3	>TP53-E271KNLLGRNSFKV	4	1
>TP53-E271KNLLGRNSFEV	5	>TP53-E271KNLLGRNSFKV	7	2
>TP53-E271KNLLGRNSFEV	7	>TP53-E271KNLLGRNSFKV	7	0
>TP53-E271KNLLGRNSFEV	3	>TP53-E271KNLLGRNSFKV	3	0
>TP53-E271KNLLGRNSFEV	3	>TP53-E271KNLLGRNSFKV	3	0
>TP53-E271KNLLGRNSFE	18307	>TP53-E271KNLLGRNSFK	64	18243
>TP53-E271KNLLGRNSFE	27992	>TP53-E271KNLLGRNSFK	227	27765
>TP53-E271KNLLGRNSFE	6442	>TP53-E271KNLLGRNSFK	188	6254
>TP53-E271KNLLGRNSFEV	109	>TP53-E271KNLLGRNSFKV	161	52
>TP53-E271KNLLGRNSFE	17739	>TP53-E271KNLLGRNSFK	209	17530
>TP53-E271KNLLGRNSFEV	309	>TP53-E271KNLLGRNSFKV	833	524
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>TP53-E271KNLLGRNSFEV	195	>TP53-E271KNLLGRNSFKV	137	58
>TP53-E271PEVRVCACPGF	329	>TP53-E271P PVRVCACPGF	3804	3475
>TP53-E271PEVRVCACPGF	70	>TP53-E271P PVRVCACPGF	5925	5855
>TP53-E271PFEVRVCACPC	370	>TP53-E271P FPVRVCACPC	143	227
>TP53-E271PFEVRVCAC	21898	>TP53-E271P FPVRVCAC	272	21626
>TP53-E271PFEVRVCAC	13514	>TP53-E271P FPVRVCAC	56	13458
>TP53-E271PFEVRVCACP	16006	>TP53-E271P FPVRVCACP	184	15822
>TP53-E271PFEVRVCACPC	25018	>TP53-E271P FPVRVCACPC	499	24519
>TP53-E271PNSFEVRVCA	21	>TP53-E271P NSFPVRVCA	19	2
>TP53-E271PGRNSFEVR	405	>TP53-E271P GRNSFPVR	295	110
>TP53-E271PGRNSFEVRV	631	>TP53-E271P GRNSFPVRV	270	361
>TP53-E271PGRNSFEVRV	1117	>TP53-E271P GRNSFPVRV	259	858
>TP53-E271PLGRNSFEV	820	>TP53-E271P LGRNSFPV	104	716
>TP53-E271PLGRNSFEVR	6129	>TP53-E271P LGRNSFPVR	342	5787
>TP53-E271PLGRNSFEVRV	2669	>TP53-E271P LGRNSFPVRV	480	2189
>TP53-E271PLGRNSFEVR	286	>TP53-E271P LGRNSFPVR	189	97
>TP53-E271PLLGRNSFEV	26	>TP53-E271P LLGRNSFPV	23	3
>TP53-E271PLLGRNSFEVR	137	>TP53-E271P LLGRNSFPVR	83	54
>TP53-E271PLLGRNSFEV	16	>TP53-E271P LLGRNSFPV	18	2
>TP53-E271PLLGRNSFEVR	62	>TP53-E271P LLGRNSFPVR	66	4

>TP53-E271P LLGRNSFEV	47	>TP53-E271P LLGRNSFPV	20	27
>TP53-E271P LLGRNSFEVR	214	>TP53-E271P LLGRNSFPVR	60	154
>TP53-E271P LLGRNSFEV	39	>TP53-E271P LLGRNSFPV	17	22
>TP53-E271P LLGRNSFEV	2	>TP53-E271P LLGRNSFPV	2	0
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>TP53-E271P LLGRNSFEV	2	>TP53-E271P LLGRNSFPV	2	0
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>TP53-E271P LLGRNSFEV	5	>TP53-E271P LLGRNSFPV	5	0
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>TP53-E271P LLGRNSFEV	2	>TP53-E271P LLGRNSFPV	2	0
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>TP53-E271P LLGRNSFEV	2	>TP53-E271P LLGRNSFPV	2	0
>TP53-E271P LLGRNSFEVR	2	>TP53-E271P LLGRNSFPVR	2	0
>TP53-E271P LLGRNSFEVR	429	>TP53-E271P LLGRNSFPVR	515	86
>TP53-E271P LLGRNSFEV	425	>TP53-E271P LLGRNSFPV	155	270
>TP53-E271P LLGRNSFEVR	773	>TP53-E271P LLGRNSFPVR	462	311
>TP53-E271P NLLGRNSFEV	29	>TP53-E271P NLLGRNSFPV	20	9
>TP53-E271P NLLGRNSFEV	89	>TP53-E271P NLLGRNSFPV	43	46
>TP53-E271P NLLGRNSFEV	94	>TP53-E271P NLLGRNSFPV	67	27
>TP53-E271P NLLGRNSFEV	137	>TP53-E271P NLLGRNSFPV	88	49
>TP53-E271P NLLGRNSFEV	3	>TP53-E271P NLLGRNSFPV	3	0
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>TP53-E271P NLLGRNSFEV	3	>TP53-E271P NLLGRNSFPV	3	0
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>TP53-E271P NLLGRNSFEV	52	>TP53-E271P NLLGRNSFPV	22	30
>TP53-E271P NLLGRNSFEV	195	>TP53-E271P NLLGRNSFPV	144	51
>TP53-E271C EVRVCACPG	6806	>TP53-E271C QVRVCACPG	243	6563
>TP53-E271C EVRVCACPGF	5897	>TP53-E271C QVRVCACPG	252	5645
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>TP53-E271C EVRVCACPGF	329	>TP53-E271C QVRVCACPG	586	257
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>TP53-E271C FEVRVCAC	5124	>TP53-E271C FQVRVCAC	21	5103
>TP53-E271C FEVRVCACPC	370	>TP53-E271C FQVRVCACPC	183	187
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>TP53-E271C NSFQVRVCA	21	>TP53-E271C NSFQVRVCA	75	54
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>TP53-E271C GRNSFEVRV	631	>TP53-E271C GRNSFQVRV	147	484
>TP53-E271C GRNSFEVRV	1117	>TP53-E271C GRNSFQVRV	422	695
>TP53-E271C LGRNSFEVR	286	>TP53-E271C LGRNSFQVR	187	99

>TP53-E271C LLGRNSFEV	26	>TP53-E271C LLGRNSFQV	52	26
>TP53-E271C LLGRNSFEVR	137	>TP53-E271C LLGRNSFQVR	112	25
>TP53-E271C LLGRNSFEV	16	>TP53-E271C LLGRNSFQV	24	8
>TP53-E271C LLGRNSFEVR	62	>TP53-E271C LLGRNSFQVR	44	18
>TP53-E271C LLGRNSFEV	47	>TP53-E271C LLGRNSFQV	49	2
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>TP53-E271C LLGRNSFEVR	3	>TP53-E271C LLGRNSFQVR	3	0
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>TP53-E271C LLGRNSFEVR	9	>TP53-E271C LLGRNSFQVR	9	0
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>TP53-E271V EVRVCACPGF	673	>TP53-E271V VVRVCACPGI	207	466
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>TP53-E285ARTEEENLRKK	674	>TP53-E285ARTAEENLRKK	118	556
>TP53-E285ARTEEENLRK	126	>TP53-E285ARTAEENLRK	45	81
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>TP53-E285ARTEEENLR	188	>TP53-E285ARTAEENLR	22	166
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>TP53-E285ARTEEENLR	456	>TP53-E285ARTAEENLR	224	232
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>TP53-E285ARRTEEEENLRK	34	>TP53-E285ARRTAEEENLRK	31	3
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>TP53-E285ARRTEEEENL	66	>TP53-E285ARRTAEEENL	64	2
>TP53-E285ARRTEEEENLRK	383	>TP53-E285ARRTAEEENLRK	273	110
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>TP53-E285K RTEENLRKK	174	>TP53-E285K RTKEENLRKK	4	170
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>TP53-E285K RRTEENLRK	34	>TP53-E285K RRTKEENLRK	46	12
>TP53-E285K RRTEENLRK	71	>TP53-E285K RRTKEENLRK	62	9
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>TP53-E285K RRTEENLRK	383	>TP53-E285K RRTKEENLRK	303	80
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>TP53-E285C RTEENLRK	882	>TP53-E285C RTQEEENLRK	340	542
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>TP53-E285C RTEENLRK	88	>TP53-E285C RTQEEENLRK	19	69
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>TP53-E285C RTEENLRKK	174	>TP53-E285C RTQEEENLRKK	37	137
>TP53-E285C RTEENLR	242	>TP53-E285C RTQEEENLR	57	185
>TP53-E285C RTEENLR	188	>TP53-E285C RTQEEENLR	234	46
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>TP53-E285C RRTEENL	171	>TP53-E285C RRTQEEENL	156	15
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>TP53-E285C RRTEENLRK	34	>TP53-E285C RRTQEEENLRK	31	3
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>TP53-E285C RRTEENLRK	163	>TP53-E285C RRTQEENLRK	115	48
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>TP53-E285V RTEENLR	242	>TP53-E285V RTVEENLR	89	153
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>TP53-E285V RRTEENLRK	34	>TP53-E285V RRTVEENLRK	47	13
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>TP53-E285V RRTEENL	66	>TP53-E285V RRTVEENL	37	29
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>TP53-E294V EENLRKKGE	3749	>TP53-E294V EENLRKKGV	11	3738
>TP53-E294V EEENLRKKGE	7987	>TP53-E294V EEENLRKKGV	26	7961
>TP53-E298A ELPPGSTKRA	2891	>TP53-E298A ALPPGSTKRA	303	2588
>TP53-E298A ELPPGSTKRA	3455	>TP53-E298A ALPPGSTKRA	160	3295
>TP53-E298A ELPPGSTKRA	3168	>TP53-E298A ALPPGSTKRA	276	2892
>TP53-E298A ELPPGSTKRA	893	>TP53-E298A ALPPGSTKRA	64	829
>TP53-E298A ELPPGSTKRA	3906	>TP53-E298A ALPPGSTKRA	415	3491
>TP53-E298A ELPPGSTKRA	2349	>TP53-E298A ALPPGSTKRA	330	2019
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>TP53-E298A ELPPGSTK	3265	>TP53-E298A ALPPGSTK	184	3081
>TP53-E298A ELPPGSTKR	321	>TP53-E298A ALPPGSTKR	6543	6222
>TP53-E298A ELPPGSTKRA	3586	>TP53-E298A ALPPGSTKRA	442	3144
>TP53-E298A HELPPGSTK	9779	>TP53-E298A HALPPGSTK	407	9372
>TP53-E298A HELPPGSTK	15559	>TP53-E298A HALPPGSTK	418	15141
>TP53-E298A HELPPGSTK	7610	>TP53-E298A HALPPGSTK	55	7555
>TP53-E298A HELPPGSTKR	6359	>TP53-E298A HALPPGSTKR	39	6320
>TP53-E298A HELPPGSTKR	250	>TP53-E298A HALPPGSTKR	34386	34136
>TP53-E298A HELPPGSTKR	437	>TP53-E298A HALPPGSTKR	500	63
>TP53-E298A NLRKKGEPHF	3536	>TP53-E298A NLRKKGEPHF	405	3131
>TP53-E298A HHELPPGSTK	1147	>TP53-E298A HHALPPGSTK	309	838
>TP53-E298A EPHHELPPG	2969	>TP53-E298A EPHHALPPG	385	2584
>TP53-E298A KKGEPHHEL	167	>TP53-E298A KKGEPHHAL	66	101
>TP53-E298A RKKGEPHHEL	62	>TP53-E298A RKKGEPHHAI	32	30
>TP53-E298A RKKGEPHHEL	682	>TP53-E298A RKKGEPHHAI	403	279
>TP53-E298A LRKKGEPHHE	405	>TP53-E298A LRKKGEPHHAI	218	187
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>TP53-E298K ELPPGSTKRA	2891	>TP53-E298K KLPPGSTKRA	321	2570
>TP53-E298K ELPPGSTKRA	3455	>TP53-E298K KLPPGSTKRA	171	3284
>TP53-E298K ELPPGSTKRA	3168	>TP53-E298K KLPPGSTKRA	219	2949
>TP53-E298K ELPPGSTKRA	893	>TP53-E298K KLPPGSTKRA	55	838
>TP53-E298K ELPPGSTKRA	5689	>TP53-E298K KLPPGSTKRA	305	5384
>TP53-E298K ELPPGSTKRA	3906	>TP53-E298K KLPPGSTKRA	317	3589

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>TP53-E298K ELPPGSTKRA	151	>TP53-E298K KLPPGSTKRA	29	122
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>TP53-E298K ELPPGSTKR	12972	>TP53-E298K KLPPGSTKR	359	12613
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>TP53-E298K ELPPGSTKRA	12960	>TP53-E298K KLPPGSTKRA	417	12543
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>TP53-E298K ELPPGSTKRA	3586	>TP53-E298K KLPPGSTKRA	411	3175
>TP53-E298K ELPPGSTKR	1696	>TP53-E298K KLPPGSTKR	115	1581
>TP53-E298K HELPPGSTK	2156	>TP53-E298K HKLPPGSTK	61	2095
>TP53-E298K HELPPGSTKR	6383	>TP53-E298K HKLPPGSTKR	171	6212
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>TP53-E298K NLRKKGEPHF	14188	>TP53-E298K NLRKKGEPHF	267	13921
>TP53-E298K KKGEPHHEL	167	>TP53-E298K KKGEPHHL	361	194
>TP53-E298K RKKGEPHHE	12462	>TP53-E298K RKKGEPHHL	57	12405
>TP53-E298K RKKGEPHHEL	62	>TP53-E298K RKKGEPHHL	112	50
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>TP53-E298K LRKKGEPHHE	405	>TP53-E298K LRKKGEPHHL	725	320
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>TP53-E298C ELPPGSTKRA	98	>TP53-E298C QLPPGSTKRA	45	53
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>TP53-E298C HELPPGSTK	9779	>TP53-E298C HQLPPGSTK	298	9481
>TP53-E298C HELPPGSTK	7610	>TP53-E298C HQLPPGSTK	310	7300
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>TP53-E298C HELPPGSTKR	250	>TP53-E298C HQLPPGSTKR	17309	17059
>TP53-E298C HELPPGSTKR	437	>TP53-E298C HQLPPGSTKR	177	260
>TP53-E298C KKGEPHHEL	167	>TP53-E298C KKGEPHHQL	304	137
>TP53-E298C RKKGEPHHEL	62	>TP53-E298C RKKGEPHHQL	102	40
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>TP53-E298C LRKKGEPHHE	321	>TP53-E298C LRKKGEPHHC	561	240
>TP53-E298V ELPPGSTKRA	3455	>TP53-E298V VLPPGSTKRA	220	3235
>TP53-E298V ELPPGSTKRA	3168	>TP53-E298V VLPPGSTKRA	197	2971
>TP53-E298V ELPPGSTKRA	893	>TP53-E298V VLPPGSTKRA	46	847
>TP53-E298V ELPPGSTKRA	3906	>TP53-E298V VLPPGSTKRA	474	3432
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>TP53-E298V ELPPGSTK	5840	>TP53-E298V VLPPGSTK	410	5430
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>TP53-E298V ELPPGSTKRA	151	>TP53-E298V VLPPGSTKRA	14	137
>TP53-E298V ELPPGSTK	3265	>TP53-E298V VLPPGSTK	176	3089

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>TP53-E298V HELPPGSTKR	6359	>TP53-E298V HVLPPGSTKR	27	6332
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>TP53-E298V NLRKKGEPHF	3536	>TP53-E298V NLRKKGEPHF	219	3317
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>TP53-E298V RKKGEPHHEL	682	>TP53-E298V RKKGEPHHVI	352	330
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>TP53-E339K EMFRELNEA	401	>TP53-E339K KMFRELNEA	12	389
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>TP53-E339K EMFRELNEAL	24	>TP53-E339K KMFRELNEAL	4	20
>TP53-E339K EMFRELNEA	809	>TP53-E339K KMFRELNEA	29	780
>TP53-E339K EMFRELNEAL	169	>TP53-E339K KMFRELNEAL	8	161
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>TP53-E339K EMFRELNEA	119	>TP53-E339K KMFRELNEA	25	94
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>TP53-E339K FEMFRELNEA	394	>TP53-E339K FKMFRELNEA	249	145
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>TP53-E339K FEMFRELNEA	9020	>TP53-E339K FKMFRELNEA	436	8584
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>TP53-E339K TLQIRGRERFI	21213	>TP53-E339K TLQIRGRERFI	308	20905
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>TP53-E339K RFEMFREL	253	>TP53-E339K RFKMFREL	147	106
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>TP53-E339K RFEMFRELNE	3959	>TP53-E339K RFKMFRELNE	22	3937
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>TP53-E339K ERFEMFREL	666	>TP53-E339K ERFKMFREL	452	214
>TP53-E339K ERFEMFREL	185	>TP53-E339K ERFKMFREL	140	45
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>TP53-E339K ERFEMFREL	172	>TP53-E339K ERFKMFREL	80	92
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>TP53-E339K RERFEMFREL	29	>TP53-E339K RERFKMFREL	34	5
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>TP53-E339K GRERFEMFRI	71	>TP53-E339K GRERFKMFRI	51	20
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>TP53-E339K RGRERFEM	226	>TP53-E339K RGRERFKM	166	60
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>TP53-E339K LQIRGRERFEI	192	>TP53-E339K LQIRGRERFKI	833	641
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>TP53-E339K LQIRGRERFEI	34	>TP53-E339K LQIRGRERFKI	73	39
>TP53-E339C EMFRELNEA	3933	>TP53-E339C QMFRELNEA	250	3683
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>TP53-E339C EMFRELNEAL	89	>TP53-E339C QMFRELNEA	32	57
>TP53-E339C EMFRELNEA	401	>TP53-E339C QMFRELNEA	38	363
>TP53-E339C EMFRELNEAL	360	>TP53-E339C QMFRELNEA	132	228
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>TP53-E339C EMFRELNEAL	24	>TP53-E339C QMFRELNEA	14	10
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>TP53-E339C EMFRELNEAL	431	>TP53-E339C QMFRELNEA	436	5
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>TP53-E339C EMFRELNEA	119	>TP53-E339C QMFRELNEA	57	62
>TP53-E339C EMFRELNEAL	72	>TP53-E339C QMFRELNEA	38	34
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>TP53-E339C EMFRELNEAL	291	>TP53-E339C QMFRELNEA	2667	2376
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>TP53-E339C EMFRELNEAL	98	>TP53-E339C QMFRELNEA	23	75
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>TP53-E339C FEMFRELNEA	301	>TP53-E339C FQMFRELNEA	4837	4536
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>TP53-E339C FEMFRELNEA	11411	>TP53-E339C FQMFRELNEA	33	11378
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>TP53-E339C FEMFRELNEA	394	>TP53-E339C FQMFRELNEA	10	384
>TP53-E339C FEMFRELNEA	4536	>TP53-E339C FQMFRELNEA	114	4422
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>TP53-E339C FEMFRELNEA	949	>TP53-E339C FQMFRELNEA	47	902
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>TP53-E339C FEMFRELNEA	4384	>TP53-E339C FQMFRELNE/	151	4233
>TP53-E339C FEMFRELNEA	9020	>TP53-E339C FQMFRELNE/	476	8544
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>TP53-E339C FEMFRELNEA	253	>TP53-E339C FQMFRELNE/	9810	9557
>TP53-E339C FEMFRELNEA	94	>TP53-E339C FQMFRELNE/	17	77
>TP53-E339C FEMFRELNEA	18	>TP53-E339C FQMFRELNE/	820	802
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>TP53-E339C FEMFRELNEA	1885	>TP53-E339C FQMFRELNE/	126	1759
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>TP53-E339C ERFEMFREL	172	>TP53-E339C ERFQMFREL	86	86
>TP53-E339C ERFEMFREL	10	>TP53-E339C ERFQMFREL	7	3
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>TP53-E339C RERFEMFR	166	>TP53-E339C RERFQMFR	48	118
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>TP53-E339C RERFEMFREL	29	>TP53-E339C RERFQMFREI	32	3
>TP53-E339C RERFEMFR	144	>TP53-E339C RERFQMFR	118	26
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>TP53-E339C GRERFEMFRI	71	>TP53-E339C GRERFQMFR	52	19
>TP53-E339C GRERFEMFR	521	>TP53-E339C GRERFQMFR	226	295
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>TP53-E339C RGRERFEM	90	>TP53-E339C RGRERFQM	50	40
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>TP53-E339C RGRERFEMFI	39	>TP53-E339C RGRERFQMF	24	15
>TP53-E339C RGRERFEMF	658	>TP53-E339C RGRERFQMF	166	492
>TP53-E339C RGRERFEMF	226	>TP53-E339C RGRERFQMF	208	18
>TP53-E339C RGRERFEMF	118	>TP53-E339C RGRERFQMF	39	79
>TP53-E339C RGRERFEM	226	>TP53-E339C RGRERFQM	83	143
>TP53-E339C RGRERFEMF	85	>TP53-E339C RGRERFQMF	19	66
>TP53-E339C RGRERFEMF	108	>TP53-E339C RGRERFQMF	143	35
>TP53-E339C RGRERFEMFI	95	>TP53-E339C RGRERFQMF	80	15
>TP53-E339C IRGRERFEMF	126	>TP53-E339C IRGRERFQMF	74	52
>TP53-E339C IRGRERFEM	585	>TP53-E339C IRGRERFQM	354	231
>TP53-E339C IRGRERFEMF	721	>TP53-E339C IRGRERFQMF	243	478
>TP53-E339C IRGRERFEMF	658	>TP53-E339C IRGRERFQMF	183	475
>TP53-E339C IRGRERFEMF	187	>TP53-E339C IRGRERFQMF	156	31

>TP53-E339C QIRGRERFEM	435	>TP53-E339C QIRGRERFQM	436	1
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>TP53-E339C LQIRGRERFEI	192	>TP53-E339C LQIRGRERFQ	461	269
>TP53-E339C LQIRGRERFEI	105	>TP53-E339C LQIRGRERFQ	111	6
>TP53-E339C LQIRGRERFEI	34	>TP53-E339C LQIRGRERFQ	65	31
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>TP53-E346A NEALELKDA	240	>TP53-E346A NAALELKDA	31365	31125
>TP53-E346A NEALELKDA	288	>TP53-E346A NAALELKDA	37032	36744
>TP53-E346A NEALELKDAC	461	>TP53-E346A NAALELKDAC	37338	36877
>TP53-E346A ERFEMFRELN	1371	>TP53-E346A ERFEMFRELN	471	900
>TP53-E346A ELNEALEL	71	>TP53-E346A ELNAALEL	83	12
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>TP53-E346A ELNEALEL	41	>TP53-E346A ELNAALEL	168	127
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>TP53-E346A ELNEALEL	44	>TP53-E346A ELNAALEL	140	96
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>TP53-E346A MFRELNEAL	932	>TP53-E346A MFRELNAAL	31	901
>TP53-E346A MFRELNEALE	217	>TP53-E346A MFRELNAALEL	34	183
>TP53-E346A MFRELNEA	514	>TP53-E346A MFRELNAA	285	229
>TP53-E346A MFRELNEAL	152	>TP53-E346A MFRELNAAL	230	78
>TP53-E346A MFRELNEALE	467	>TP53-E346A MFRELNAALEL	479	12
>TP53-E346A EMFRELNEA	133	>TP53-E346A EMFRELNAA	202	69
>TP53-E346A EMFRELNEAL	89	>TP53-E346A EMFRELNAAI	84	5
>TP53-E346A EMFRELNEA	401	>TP53-E346A EMFRELNAA	249	152
>TP53-E346A EMFRELNEAL	360	>TP53-E346A EMFRELNAAI	127	233
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>TP53-E346A EMFRELNEAL	169	>TP53-E346A EMFRELNAAI	66	103
>TP53-E346A EMFRELNEAL	431	>TP53-E346A EMFRELNAAI	428	3
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>TP53-E346A FEMFRELNEA	301	>TP53-E346A FEMFRELNA/	304	3
>TP53-E346A FEMFRELNEA	394	>TP53-E346A FEMFRELNA/	374	20
>TP53-E346A FEMFRELNEA	525	>TP53-E346A FEMFRELNA/	383	142
>TP53-E346A FEMFRELNEA	558	>TP53-E346A FEMFRELNA/	255	303
>TP53-E346A FEMFRELNEA	253	>TP53-E346A FEMFRELNA/	172	81
>TP53-E346A FEMFRELNEA	94	>TP53-E346A FEMFRELNA/	43	51
>TP53-E346A FEMFRELNEA	18	>TP53-E346A FEMFRELNA/	23	5
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>TP53-E346A FEMFRELNEA	47	>TP53-E346A FEMFRELNA/	64	17
>TP53-E346A FEMFRELNE	14569	>TP53-E346A FEMFRELNA	330	14239
>TP53-E346A FEMFRELNEA	671	>TP53-E346A FEMFRELNA/	335	336
>TP53-E346A FEMFRELNEA	29	>TP53-E346A FEMFRELNA/	29	0
>TP53-E346A RFEMFRELNE	517	>TP53-E346A RFEMFRELNA/	275	242
>TP53-E358V EPGGSRAH	254	>TP53-E358V VPGGSRAH	517	263
>TP53-E358V LELKDAQAGk	18657	>TP53-E358V LELKDAQAGk	75	18582
>TP53-E358V LELKDAQAGk	9813	>TP53-E358V LELKDAQAGk	60	9753
>TP53-E358V KDAQAGKE	22612	>TP53-E358V KDAQAGKV	198	22414
>TP53-E358V ELKDAQAGKI	22116	>TP53-E358V ELKDAQAGK\	9	22107
>TP53-E358V ELKDAQAGKI	20255	>TP53-E358V ELKDAQAGK\	424	19831
>TP53-E56K- FTEDPGPDEA	1669	>TP53-E56K- FTKDPPGPDEA	479	1190
>TP53-E56K- QWFTEDPG	275	>TP53-E56K- QWFTKDPG	231	44
>TP53-E56K- DIEQWLTE	8863	>TP53-E56K- DIEQWFTK	215	8648
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>TP53-E56V- TEDPGPDEAF	9932	>TP53-E56V- TVDPPGPDEAF	246	9686
>TP53-E56V- SPDDIEQWF1	19366	>TP53-E56V- SPDDIEQWF1	337	19029
>TP53-E56V- FTEDPGPDEA	1669	>TP53-E56V- FTVDPPGPDEA	331	1338
>TP53-E56V- FTEDPGPDEA	736	>TP53-E56V- FTVDPPGPDEA	106	630
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>TP53-E56V- FTEDPGPDEA	1652	>TP53-E56V- FTVDPGPDEA	160	1492
>TP53-E56V- QWFTEDPG	275	>TP53-E56V- QWFTVDPG	148	127
>TP53-E56V- QWFTEDPGP	657	>TP53-E56V- QWFTVDPGP	343	314
>TP53-E56V- DIEQWFTE	32386	>TP53-E56V- DIEQWFTV	108	32278
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>TP53-E56V- DDIEQWFTE	13359	>TP53-E56V- DDIEQWFTV	54	13305
>TP53-E56V- PDDIEQWFTE	6170	>TP53-E56V- PDDIEQWFTV	23	6147
>TP53-E62D- EAPRMPEAA	1076	>TP53-E62D- DAPRMPEAA	365	711
>TP53-E62D- EAPRMPEAA	30	>TP53-E62D- DAPRMPEAA	97	67
>TP53-E62D- EAPRMPEAA	215	>TP53-E62D- DAPRMPEAA	2231	2016
>TP53-E62D- DEAPRMPE	449	>TP53-E62D- DDAPRMPE	17162	16713
>TP53-E62D- DEAPRMPEA	493	>TP53-E62D- DDAPRMPEA	28676	28183
>TP53-E68G- EAAPRVAPA	1849	>TP53-E68G- GAAPRVAPA	71	1778
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>TP53-E68G- EAAPRVAPA	8	>TP53-E68G- GAAPRVAPA	1781	1773
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>TP53-E68G- EAAPRVAPA	130	>TP53-E68G- GAAPRVAPA	14393	14263
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>TP53-E68G- MPEAAPRV	23	>TP53-E68G- MPGAAPRV	24	1
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>TP53-E68G- MPEAAPRVA	65	>TP53-E68G- MPGAAPRVA	74	9
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>TP53-E68G- MPEAAPRVA	76	>TP53-E68G- MPGAAPRVA	168	92
>TP53-E68G- MPEAAPRV	496	>TP53-E68G- MPGAAPRV	501	5
>TP53-E68G- MPEAAPRV	83	>TP53-E68G- MPGAAPRV	101	18
>TP53-E68G- MPEAAPRVA	15	>TP53-E68G- MPGAAPRVA	16	1
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>TP53-E68G- RMPEAAPRV	15	>TP53-E68G- RMPGAAPRV	34	19
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>TP53-E68G- RMPEAAPRV	39	>TP53-E68G- RMPGAAPRV	100	61
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>TP53-E68G- RMPEAAPRV	5	>TP53-E68G- RMPGAAPRV	6	1
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>TP53-E68G- APRMPEAA	25	>TP53-E68G- APRMPGAA	11	14
>TP53-E68G- APRMPEAAP	261	>TP53-E68G- APRMPGAAP	29	232
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>TP53-E68G- APRMPEAAP	38	>TP53-E68G- APRMPGAAP	26	12
>TP53-E68G- APRMPEAA	771	>TP53-E68G- APRMPGAA	209	562
>TP53-E68G- EAPRMPEAA	30	>TP53-E68G- EAPRMPGAA	37	7
>TP53-E68G- EAPRMPEAA	215	>TP53-E68G- EAPRMPGAA	753	538
>TP53-E68G- DEAPRMPE	449	>TP53-E68G- DEAPRM PG	2371	1922
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>TP53-E68Q- EAAPRVAPA	1849	>TP53-E68Q- QAAPRVAPA	187	1662
>TP53-E68Q- EAAPRVAPAF	3464	>TP53-E68Q- QAAPRVAPA	490	2974
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>TP53-E68Q- EAAPRVAPA	8	>TP53-E68Q- QAAPRVAPA	23	15
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>TP53-E68Q- EAAPRVAPA	130	>TP53-E68Q- QAAPRVAPA	1764	1634
>TP53-E68Q- EAAPRVAPAF	96	>TP53-E68Q- QAAPRVAPA	1135	1039
>TP53-E68Q- MPEAAPRV	23	>TP53-E68Q- MPQAAPRV	13	10
>TP53-E68Q- MPEAAPRV	487	>TP53-E68Q- MPQAAPRV	297	190
>TP53-E68Q- MPEAAPRVA	177	>TP53-E68Q- MPQAAPRVA	88	89
>TP53-E68Q- MPEAAPRVA	65	>TP53-E68Q- MPQAAPRVA	40	25
>TP53-E68Q- MPEAAPRVA	258	>TP53-E68Q- MPQAAPRVA	319	61
>TP53-E68Q- MPEAAPRVA	76	>TP53-E68Q- MPQAAPRVA	90	14
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>TP53-E68Q- RMPEAAPRV	356	>TP53-E68Q- RMPQAAPRV	1270	914
>TP53-E68Q- RMPEAAPRV	6	>TP53-E68Q- RMPQAAPRV	17	11
>TP53-E68Q- RMPEAAPRV	4	>TP53-E68Q- RMPQAAPRV	5	1
>TP53-E68Q- RMPEAAPRV	318	>TP53-E68Q- RMPQAAPRV	618	300
>TP53-E68Q- RMPEAAPR	53	>TP53-E68Q- RMPQAAPR	61	8
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>TP53-E68Q- RMPEAAPR	26	>TP53-E68Q- RMPQAAPR	18	8
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>TP53-E68Q- APRMPEAAP	261	>TP53-E68Q- APRMPQAAF	185	76
>TP53-E68Q- APRMPEAAP	38	>TP53-E68Q- APRMPQAAF	35	3
>TP53-E68Q- EAPRMPEAA	30	>TP53-E68Q- EAPRMPQAA	41	11
>TP53-E68Q- EAPRMPEAA	215	>TP53-E68Q- EAPRMPQAA	1386	1171
>TP53-E68Q- DEAPRMPE	449	>TP53-E68Q- DEAPRMPQ	116	333
>TP53-E68Q- DEAPRMPEA	493	>TP53-E68Q- DEAPRMPQA	2117	1624
>TP53-F109S FRLGFLHS	142	>TP53-F109S SRLGFLHS	344	202
>TP53-F109S FRLGFLHSG	306	>TP53-F109S SRLGFLHSG	771	465
>TP53-F109S FRLGFLHSGT	412	>TP53-F109S SRLGFLHSGT	329	83
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>TP53-F109S GFRLGFLHS	921	>TP53-F109S GSRLGFLHS	277	644
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>TP53-F109S SQKTYQGSYC	36	>TP53-F109S SQKTYQGSYC	4658	4622
>TP53-F109S SQKTYQGSYC	268	>TP53-F109S SQKTYQGSYC	17837	17569
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>TP53-F109S GSYGFRLGFL	227	>TP53-F109S GSYGSRLGFL	498	271
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>TP53-F109S GSYGFRLGF	222	>TP53-F109S GSYGSRLGF	577	355
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>TP53-F109S GSYGFRLGF	44	>TP53-F109S GSYGSRLGF	88	44
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>TP53-F109S QGSYGFRLGF	278	>TP53-F109S QGSYGSRLGF	228	50
>TP53-F109S YQGSYGFRL	30	>TP53-F109S YQGSYGSRL	751	721
>TP53-F109S YQGSYGFRL	36	>TP53-F109S YQGSYGSRL	139	103
>TP53-F109S YQGSYGFRL	1457	>TP53-F109S YQGSYGSRL	380	1077
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>TP53-F109S YQGSYGFRLC	189	>TP53-F109S YQGSYGSRLC	433	244
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>TP53-F109S YQGSYGFRL	167	>TP53-F109S YQGSYGSRL	1394	1227
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>TP53-F109S YQGSYGFRL	476	>TP53-F109S YQGSYGSRL	2125	1649
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>TP53-F109S YQGSYGFRLC	32	>TP53-F109S YQGSYGSRLC	27	5
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>TP53-F109S YQGSYGFRL	145	>TP53-F109S YQGSYGSRL	297	152
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>TP53-F109S TYQGSYGF	5	>TP53-F109S TYQGSYGS	2119	2114
>TP53-F109S TYQGSYGFRL	255	>TP53-F109S TYQGSYGSRL	377	122
>TP53-F109S TYQGSYGFRL	7	>TP53-F109S TYQGSYGSRL	13	6
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>TP53-F109S KTYQGSYGFRL	220	>TP53-F109S KTYQGSYGSRL	171	49
>TP53-F109S KTYQGSYGFRL	169	>TP53-F109S KTYQGSYGSRL	1411	1242
>TP53-F109S KTYQGSYGFRL	260	>TP53-F109S KTYQGSYGSRL	549	289
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>TP53-F109S KTYQGSYGFRL	23	>TP53-F109S KTYQGSYGSRL	67	44
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>TP53-F109S KTYQGSYGFR	96	>TP53-F109S KTYQGSYGSR	283	187
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>TP53-F109S KTYQGSYGF	55	>TP53-F109S KTYQGSYGS	10575	10520
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>TP53-F109S QKTYQGSYGI	10	>TP53-F109S QKTYQGSYGI	5991	5981
>TP53-F109V FRLGFLHS	142	>TP53-F109V VRLGFLHS	651	509
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>TP53-F109V FRLGFLHSGT	412	>TP53-F109V VRLGFLHSGT	737	325
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>TP53-F109V TYQGSYGFR	163	>TP53-F109V TYQGSYGVRL	433	270
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>TP53-F109V TYQGSYGF	19	>TP53-F109V TYQGSYGV	136	117
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>TP53-F109V TYQGSYGF	154	>TP53-F109V TYQGSYGV	1184	1030
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>TP53-F109V KTYQGSYGFR	220	>TP53-F109V KTYQGSYGV	181	39
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>TP53-F109V KTYQGSYGF	151	>TP53-F109V KTYQGSYGVF	298	147
>TP53-F109V KTYQGSYGF	25	>TP53-F109V KTYQGSYGV	564	539
>TP53-F109V KTYQGSYGFR	28	>TP53-F109V KTYQGSYGVF	38	10
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>TP53-F109V KTYQGSYGF	370	>TP53-F109V KTYQGSYGVF	683	313
>TP53-F109V KTYQGSYGF	25	>TP53-F109V KTYQGSYGVF	47	22
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>TP53-F109V KTYQGSYGFR	43	>TP53-F109V KTYQGSYGVF	51	8
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>TP53-F113C FLHSGTAKSV	122	>TP53-F113C CLHSGTAKSV	4136	4014
>TP53-F113C FLHSGTAKS	179	>TP53-F113C CLHSGTAKS	7684	7505
>TP53-F113C FLHSGTAKSV	13	>TP53-F113C CLHSGTAKSV	170	157
>TP53-F113C FLHSGTAKSV	413	>TP53-F113C CLHSGTAKSV	9503	9090
>TP53-F113C FLHSGTAKS	26	>TP53-F113C CLHSGTAKS	1727	1701
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>TP53-F113C FLHSGTAKSV	27	>TP53-F113C CLHSGTAKSV	1043	1016
>TP53-F113C FLHSGTAKS	188	>TP53-F113C CLHSGTAKS	8265	8077
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>TP53-F113C FLHSGTAKSV	116	>TP53-F113C CLHSGTAKSV	5370	5254
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>TP53-F113C FLHSGTAKSV	7	>TP53-F113C CLHSGTAKSV	219	212
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>TP53-F113C FLHSGTAKS	31	>TP53-F113C CLHSGTAKS	3561	3530
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>TP53-F113C FLHSGTAKSV	283	>TP53-F113C CLHSGTAKSV	4352	4069
>TP53-F113C FLHSGTAKSV	261	>TP53-F113C CLHSGTAKSV	2088	1827
>TP53-F113C YQGSYGFRLC	189	>TP53-F113C YQGSYGFRLC	513	324
>TP53-F113C YQGSYGFRLC	32	>TP53-F113C YQGSYGFRLC	6154	6122
>TP53-F113C YQGSYGFRLC	158	>TP53-F113C YQGSYGFRLC	16893	16735
>TP53-F113C YQGSYGFRLC	6	>TP53-F113C YQGSYGFRLC	2964	2958
>TP53-F113C RLGFLHSGTA	326	>TP53-F113C RLGCLHSGTA	289	37

>TP53-F113C RLGFLHSGT	719	>TP53-F113C RLGCLHSGT	278	441
>TP53-F113C RLGFLHSGTA	162	>TP53-F113C RLGCLHSGTA	80	82
>TP53-F113C RLGFLHSGTA	866	>TP53-F113C RLGCLHSGTA	163	703
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>TP53-F113C FRLGFLHSGT,	174	>TP53-F113C FRLGCLHSGT	415	241
>TP53-F113C YGFRLGFL	116	>TP53-F113C YGFRLGCL	463	347
>TP53-F113C YGFRLGFL	486	>TP53-F113C YGFRLGCL	2784	2298
>TP53-F113C YGFRLGFL	443	>TP53-F113C YGFRLGCL	5711	5268
>TP53-F113C YGFRLGFLH	89	>TP53-F113C YGFRLGCLH	300	211
>TP53-F113C SYGFRLGFL	95	>TP53-F113C SYGFRLGCL	666	571
>TP53-F113C SYGFRLGF	356	>TP53-F113C SYGFRLGC	29441	29085
>TP53-F113C SYGFRLGF	232	>TP53-F113C SYGFRLGC	17835	17603
>TP53-F113C SYGFRLGFL	319	>TP53-F113C SYGFRLGCL	721	402
>TP53-F113C SYGFRLGF	7	>TP53-F113C SYGFRLGC	4337	4330
>TP53-F113C SYGFRLGFL	12	>TP53-F113C SYGFRLGCL	107	95
>TP53-F113C SYGFRLGF	338	>TP53-F113C SYGFRLGC	2569	2231
>TP53-F113C SYGFRLGFL	139	>TP53-F113C SYGFRLGCL	193	54
>TP53-F113C SYGFRLGFL	222	>TP53-F113C SYGFRLGCL	2042	1820
>TP53-F113C GSYGFRLGF	78	>TP53-F113C GSYGFRLGC	1272	1194
>TP53-F113C GSYGFRLGFL	227	>TP53-F113C GSYGFRLGCL	392	165
>TP53-F113C GSYGFRLGFL	237	>TP53-F113C GSYGFRLGCL	1141	904
>TP53-F113C GSYGFRLGFL	491	>TP53-F113C GSYGFRLGCL	1021	530
>TP53-F113C GSYGFRLGFL	98	>TP53-F113C GSYGFRLGCL	506	408
>TP53-F113C GSYGFRLGF	61	>TP53-F113C GSYGFRLGC	7320	7259
>TP53-F113C GSYGFRLGF	365	>TP53-F113C GSYGFRLGC	18961	18596
>TP53-F113C GSYGFRLGF	111	>TP53-F113C GSYGFRLGC	14218	14107
>TP53-F113C GSYGFRLGF	4	>TP53-F113C GSYGFRLGC	7556	7552
>TP53-F113C GSYGFRLGFL	31	>TP53-F113C GSYGFRLGCL	190	159
>TP53-F113C GSYGFRLGF	222	>TP53-F113C GSYGFRLGC	17904	17682
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>TP53-F113C GSYGFRLGF	44	>TP53-F113C GSYGFRLGC	7799	7755
>TP53-F113C GSYGFRLGFL	70	>TP53-F113C GSYGFRLGCL	412	342
>TP53-F113C GSYGFRLGFL	63	>TP53-F113C GSYGFRLGCL	140	77
>TP53-F113C QGSYGFRLGF	278	>TP53-F113C QGSYGFRLGC	22916	22638
>TP53-F113L FLHSGTAKSV	122	>TP53-F113L LLHSGTAKSV	1276	1154
>TP53-F113L FLHSGTAKS	179	>TP53-F113L LLHSGTAKS	2470	2291
>TP53-F113L FLHSGTAKSV	13	>TP53-F113L LLHSGTAKSV	43	30

>TP53-F113L FLHSGTAKSV	413	>TP53-F113L LLHSGTAKSV	3958	3545
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>TP53-F113L FLHSGTAKSV	11	>TP53-F113L LLHSGTAKSV	29	18
>TP53-F113L FLHSGTAKSV	27	>TP53-F113L LLHSGTAKSV	267	240
>TP53-F113L FLHSGTAKS	188	>TP53-F113L LLHSGTAKS	1778	1590
>TP53-F113L FLHSGTAKSV	2	>TP53-F113L LLHSGTAKSV	4	2
>TP53-F113L FLHSGTAKSV	116	>TP53-F113L LLHSGTAKSV	1022	906
>TP53-F113L FLHSGTAKSV	5	>TP53-F113L LLHSGTAKSV	18	13
>TP53-F113L FLHSGTAKSV	7	>TP53-F113L LLHSGTAKSV	22	15
>TP53-F113L FLHSGTAKSV	7	>TP53-F113L LLHSGTAKSV	24	17
>TP53-F113L FLHSGTAK	124	>TP53-F113L LLHSGTAK	861	737
>TP53-F113L FLHSGTAKS	31	>TP53-F113L LLHSGTAKS	157	126
>TP53-F113L FLHSGTAKSV	2	>TP53-F113L LLHSGTAKSV	2	0
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>TP53-F113L FLHSGTAK	114	>TP53-F113L LLHSGTAK	59	55
>TP53-F113L FLHSGTAK	2726	>TP53-F113L LLHSGTAK	146	2580
>TP53-F113L FLHSGTAK	256	>TP53-F113L LLHSGTAK	1154	898
>TP53-F113L FLHSGTAKSV	283	>TP53-F113L LLHSGTAKSV	1612	1329
>TP53-F113L FLHSGTAKSV	261	>TP53-F113L LLHSGTAKSV	579	318
>TP53-F113L GFLHSGTAKS	17414	>TP53-F113L GLLHSGTAKS	357	17057
>TP53-F113L GFLHSGTAKS	7887	>TP53-F113L GLLHSGTAKS	308	7579
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>TP53-F113L GFLHSGTAKS	9762	>TP53-F113L GLLHSGTAKS	27	9735
>TP53-F113L GFLHSGTAKS	8203	>TP53-F113L GLLHSGTAKS	208	7995
>TP53-F113L GFLHSGTA	15827	>TP53-F113L GLLHSGTA	61	15766
>TP53-F113L GFLHSGTAKS	3691	>TP53-F113L GLLHSGTAKS	5	3686
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>TP53-F113L GFLHSGTAKS	4833	>TP53-F113L GLLHSGTAKS	6	4827
>TP53-F113L GFLHSGTA	14815	>TP53-F113L GLLHSGTA	61	14754
>TP53-F113L GFLHSGTAKS	3521	>TP53-F113L GLLHSGTAKS	8	3513
>TP53-F113L GFLHSGTAKS	17912	>TP53-F113L GLLHSGTAKS	52	17860
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>TP53-F113L GFLHSGTAKS	4962	>TP53-F113L GLLHSGTAKS	4	4958
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>TP53-F113L GFLHSGTAKS	6308	>TP53-F113L GLLHSGTAKS	447	5861
>TP53-F113L YQGSYGFRLC	10848	>TP53-F113L YQGSYGFRLC	138	10710
>TP53-F113L YQGSYGFRLC	8716	>TP53-F113L YQGSYGFRLC	175	8541
>TP53-F113L YQGSYGFRLC	189	>TP53-F113L YQGSYGFRLC	29	160
>TP53-F113L YQGSYGFRLC	6206	>TP53-F113L YQGSYGFRLC	153	6053
>TP53-F113L YQGSYGFRLC	32	>TP53-F113L YQGSYGFRLC	189	157
>TP53-F113L YQGSYGFRLC	158	>TP53-F113L YQGSYGFRLC	2472	2314
>TP53-F113L YQGSYGFRLC	6	>TP53-F113L YQGSYGFRLC	70	64

>TP53-F113L YQGSYGFRLC	4801	>TP53-F113L YQGSYGFRLC	164	4637
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>TP53-F113L RLGFLHSGTA	162	>TP53-F113L RLGLLHSGTA	453	291
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>TP53-F113L RLGFLHSGTA	384	>TP53-F113L RLGLLHSGTA	761	377
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>TP53-F113L YGFRLGFL	116	>TP53-F113L YGFRLGLL	135	19
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>TP53-F113L YGFRLGFL	443	>TP53-F113L YGFRLGLL	2066	1623
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>TP53-F113L SYGFRLGFL	95	>TP53-F113L SYGFRLGLL	406	311
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>TP53-F113L SYGFRLGF	7	>TP53-F113L SYGFRLGL	23	16
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>TP53-F113L SYGFRLGF	338	>TP53-F113L SYGFRLGL	215	123
>TP53-F113L SYGFRLGFL	139	>TP53-F113L SYGFRLGLL	138	1
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>TP53-F113L GSYGFRLGF	78	>TP53-F113L GSYGFRLGL	34	44
>TP53-F113L GSYGFRLGFL	227	>TP53-F113L GSYGFRLGLL	413	186
>TP53-F113L GSYGFRLGFL	237	>TP53-F113L GSYGFRLGLL	374	137
>TP53-F113L GSYGFRLGFL	491	>TP53-F113L GSYGFRLGLL	358	133
>TP53-F113L GSYGFRLGFL	98	>TP53-F113L GSYGFRLGLL	179	81
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>TP53-F113L GSYGFRLGF	365	>TP53-F113L GSYGFRLGL	7801	7436
>TP53-F113L GSYGFRLGF	111	>TP53-F113L GSYGFRLGL	2453	2342
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>TP53-F113L GSYGFRLGFL	31	>TP53-F113L GSYGFRLGLL	43	12
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>TP53-F113L GSYGFRLGF	44	>TP53-F113L GSYGFRLGL	283	239
>TP53-F113L GSYGFRLGFL	70	>TP53-F113L GSYGFRLGLL	91	21
>TP53-F113L GSYGFRLGFL	63	>TP53-F113L GSYGFRLGLL	65	2
>TP53-F113L QGSYGFRLGF	278	>TP53-F113L QGSYGFRLGL	2981	2703
>TP53-F113S FLHSGTAKSV	122	>TP53-F113S SLHSGTAKSV	1158	1036
>TP53-F113S FLHSGTAKS	179	>TP53-F113S SLHSGTAKS	3645	3466
>TP53-F113S FLHSGTAKSV	13	>TP53-F113S SLHSGTAKSV	43	30



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>TP53-F113S FLHSGTAKSV	11	>TP53-F113S SLHSGTAKSV	27	16
>TP53-F113S FLHSGTAKSV	27	>TP53-F113S SLHSGTAKSV	340	313
>TP53-F113S FLHSGTAKS	188	>TP53-F113S SLHSGTAKS	1670	1482
>TP53-F113S FLHSGTAKSV	2	>TP53-F113S SLHSGTAKSV	3	1
>TP53-F113S FLHSGTAKSV	116	>TP53-F113S SLHSGTAKSV	881	765
>TP53-F113S FLHSGTAKSV	5	>TP53-F113S SLHSGTAKSV	21	16
>TP53-F113S FLHSGTAKSV	7	>TP53-F113S SLHSGTAKSV	11	4
>TP53-F113S FLHSGTAKSV	7	>TP53-F113S SLHSGTAKSV	96	89
>TP53-F113S FLHSGTAK	124	>TP53-F113S SLHSGTAK	1683	1559
>TP53-F113S FLHSGTAKS	31	>TP53-F113S SLHSGTAKS	304	273
>TP53-F113S FLHSGTAKSV	2	>TP53-F113S SLHSGTAKSV	2	0
>TP53-F113S FLHSGTAKSV	13	>TP53-F113S SLHSGTAKSV	102	89
>TP53-F113S FLHSGTAK	114	>TP53-F113S SLHSGTAK	56	58
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>TP53-F113S FLHSGTAK	2726	>TP53-F113S SLHSGTAK	57	2669
>TP53-F113S FLHSGTAK	256	>TP53-F113S SLHSGTAK	964	708
>TP53-F113S FLHSGTAKSV	283	>TP53-F113S SLHSGTAKSV	920	637
>TP53-F113S FLHSGTAKSV	261	>TP53-F113S SLHSGTAKSV	1426	1165
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>TP53-F113S GFLHSGTAKS	6308	>TP53-F113S GSLHSGTAKS	336	5972
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>TP53-F113S GFLHSGTAKS	7670	>TP53-F113S GSLHSGTAKS	317	7353
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>TP53-F113S YQGSYGFRLC	189	>TP53-F113S YQGSYGFRLC	1111	922
>TP53-F113S YQGSYGFRLC	32	>TP53-F113S YQGSYGFRLC	4374	4342
>TP53-F113S YQGSYGFRLC	158	>TP53-F113S YQGSYGFRLC	16039	15881
>TP53-F113S YQGSYGFRLC	6	>TP53-F113S YQGSYGFRLC	3730	3724
>TP53-F113S RLGFLHSGTA	993	>TP53-F113S RLGSLHSGTA	325	668
>TP53-F113S RLGFLHSGTA	326	>TP53-F113S RLGSLHSGTA	127	199
>TP53-F113S RLGFLHSGT	719	>TP53-F113S RLGSLHSGT	329	390
>TP53-F113S RLGFLHSGTA	162	>TP53-F113S RLGSLHSGTA	89	73
>TP53-F113S RLGFLHSGTA	554	>TP53-F113S RLGSLHSGTA	173	381
>TP53-F113S RLGFLHSGTA	43	>TP53-F113S RLGSLHSGTA	43	0
>TP53-F113S RLGFLHSGTA	125	>TP53-F113S RLGSLHSGTA	186	61
>TP53-F113S RLGFLHSGTA	384	>TP53-F113S RLGSLHSGTA	560	176
>TP53-F113S RLGFLHSGTA	262	>TP53-F113S RLGSLHSGTA	198	64
>TP53-F113S FRLGFLHS	142	>TP53-F113S FRLGSLHS	345	203
>TP53-F113S FRLGFLHSG	306	>TP53-F113S FRLGSLHSG	1029	723
>TP53-F113S FRLGFLHSGT	412	>TP53-F113S FRLGSLHSGT	739	327

>TP53-F113S FRLGFLHSGT,	174	>TP53-F113S FRLGSLHSGT,	329	155
>TP53-F113S GFRLGFLHS	921	>TP53-F113S GFRLGSLHS	475	446
>TP53-F113S YGFRLGFL	116	>TP53-F113S YGFRLGSL	103	13
>TP53-F113S YGFRLGFL	486	>TP53-F113S YGFRLGSL	1377	891
>TP53-F113S YGFRLGFL	443	>TP53-F113S YGFRLGSL	1766	1323
>TP53-F113S YGFRLGFLH	89	>TP53-F113S YGFRLGSLH	7	82
>TP53-F113S SYGFRLGFL	95	>TP53-F113S SYGFRLGSL	23	72
>TP53-F113S SYGFRLGF	356	>TP53-F113S SYGFRLGS	28695	28339
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>TP53-F113S SYGFRLGFL	319	>TP53-F113S SYGFRLGSL	909	590
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>TP53-F113S SYGFRLGFL	12	>TP53-F113S SYGFRLGSL	15	3
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>TP53-F113S SYGFRLGFL	139	>TP53-F113S SYGFRLGSL	110	29
>TP53-F113S SYGFRLGFL	222	>TP53-F113S SYGFRLGSL	843	621
>TP53-F113S GSYGFRLGF	78	>TP53-F113S GSYGFRLGS	2931	2853
>TP53-F113S GSYGFRLGFL	227	>TP53-F113S GSYGFRLGSL	343	116
>TP53-F113S GSYGFRLGFL	237	>TP53-F113S GSYGFRLGSL	327	90
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>TP53-F113S GSYGFRLGFL	491	>TP53-F113S GSYGFRLGSL	590	99
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>TP53-F113S GSYGFRLGF	61	>TP53-F113S GSYGFRLGS	15566	15505
>TP53-F113S GSYGFRLGF	365	>TP53-F113S GSYGFRLGS	18336	17971
>TP53-F113S GSYGFRLGF	111	>TP53-F113S GSYGFRLGS	16256	16145
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>TP53-F113S GSYGFRLGFL	31	>TP53-F113S GSYGFRLGSL	21	10
>TP53-F113S GSYGFRLGF	222	>TP53-F113S GSYGFRLGS	18054	17832
>TP53-F113S GSYGFRLGF	264	>TP53-F113S GSYGFRLGS	20572	20308
>TP53-F113S GSYGFRLGF	44	>TP53-F113S GSYGFRLGS	5658	5614
>TP53-F113S GSYGFRLGFL	70	>TP53-F113S GSYGFRLGSL	103	33
>TP53-F113S GSYGFRLGFL	63	>TP53-F113S GSYGFRLGSL	18	45
>TP53-F113S QGSYGFRLGF	278	>TP53-F113S QGSYGFRLGS	22199	21921
>TP53-F113V FLHSGTAKSV	122	>TP53-F113V VLHSGTAKSV	2102	1980
>TP53-F113V FLHSGTAKS	179	>TP53-F113V VLHSGTAKS	5876	5697
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>TP53-F113V FLHSGTAKSV	413	>TP53-F113V VLHSGTAKSV	7864	7451
>TP53-F113V FLHSGTAKS	26	>TP53-F113V VLHSGTAKS	681	655
>TP53-F113V FLHSGTAKSV	11	>TP53-F113V VLHSGTAKSV	70	59
>TP53-F113V FLHSGTAKSV	27	>TP53-F113V VLHSGTAKSV	435	408
>TP53-F113V FLHSGTAKS	188	>TP53-F113V VLHSGTAKS	1538	1350
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>TP53-F113V FLHSGTAKSV	116	>TP53-F113V VLHSGTAKSV	893	777
>TP53-F113V FLHSGTAKSV	5	>TP53-F113V VLHSGTAKSV	19	14

>TP53-F113V FLHSGTAKSV	7	>TP53-F113V VLHSGTAKSV	17	10
>TP53-F113V FLHSGTAKSV	7	>TP53-F113V VLHSGTAKSV	20	13
>TP53-F113V FLHSGTAK	124	>TP53-F113V VLHSGTAK	1295	1171
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>TP53-F113V FLHSGTAKSV	2	>TP53-F113V VLHSGTAKSV	2	0
>TP53-F113V FLHSGTAKSV	13	>TP53-F113V VLHSGTAKSV	85	72
>TP53-F113V FLHSGTAK	114	>TP53-F113V VLHSGTAK	48	66
>TP53-F113V FLHSGTAK	1030	>TP53-F113V VLHSGTAK	211	819
>TP53-F113V FLHSGTAK	2726	>TP53-F113V VLHSGTAK	378	2348
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>TP53-F113V FLHSGTAKSV	283	>TP53-F113V VLHSGTAKSV	1706	1423
>TP53-F113V FLHSGTAKSV	261	>TP53-F113V VLHSGTAKSV	912	651
>TP53-F113V GFLHSGTAKS	9762	>TP53-F113V GVLHSGTAKS	436	9326
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>TP53-F113V GFLHSGTAKS	3691	>TP53-F113V GVLHSGTAKS	227	3464
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>TP53-F113V GFLHSGTAKS	3521	>TP53-F113V GVLHSGTAKS	223	3298
>TP53-F113V GFLHSGTAKS	4962	>TP53-F113V GVLHSGTAKS	121	4841
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>TP53-F113V GFLHSGTAK	2813	>TP53-F113V GVLHSGTAK	27	2786
>TP53-F113V GFLHSGTAK	1580	>TP53-F113V GVLHSGTAK	361	1219
>TP53-F113V YQGSYGFRLC	10848	>TP53-F113V YQGSYGFRLC	42	10806
>TP53-F113V YQGSYGFRLC	8716	>TP53-F113V YQGSYGFRLC	153	8563
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>TP53-F113V YQGSYGFRLC	189	>TP53-F113V YQGSYGFRLC	9	180
>TP53-F113V YQGSYGFRLC	6206	>TP53-F113V YQGSYGFRLC	15	6191
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>TP53-F113V YQGSYGFRLC	27495	>TP53-F113V YQGSYGFRLC	30	27465
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>TP53-F134C MFCQLAKTC	450	>TP53-F134C MCCQLAKTC	29623	29173
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>TP53-F134L MFCQLAKTC	450	>TP53-F134L MLCQLAKTC	18947	18497
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>TP53-F134L KMFCQLAKT	102	>TP53-F134L KMLCQLAKT	1548	1446
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>TP53-F134S LNKMFQQLA	161	>TP53-F134S LNKMSCQLA	173	12
>TP53-F134S LNKMFQQL	153	>TP53-F134S LNKMSCQL	522	369
>TP53-F134S ALNKMFQQL	238	>TP53-F134S ALNKMSCQL	448	210
>TP53-F134S ALNKMFQQL	17	>TP53-F134S ALNKMSCQL	21	4
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>TP53-F134S ALNKMFCQL	22	>TP53-F134S ALNKMSCQL	23	1
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>TP53-F134S ALNKMFCQL	198	>TP53-F134S ALNKMSCQL	125	73
>TP53-F134S ALNKMFCQL	21	>TP53-F134S ALNKMSCQL	18	3
>TP53-F134S ALNKMFCQL	256	>TP53-F134S ALNKMSCQL	239	17
>TP53-F134S ALNKMFCQL	66	>TP53-F134S ALNKMSCQL	33	33
>TP53-F134S ALNKMFCQ	245	>TP53-F134S ALNKMSCQ	484	239
>TP53-F134S ALNKMFCQL	3	>TP53-F134S ALNKMSCQL	3	0
>TP53-F134S ALNKMFCQL	11	>TP53-F134S ALNKMSCQL	14	3
>TP53-F134S ALNKMFCQL	37	>TP53-F134S ALNKMSCQL	38	1
>TP53-F134S ALNKMFCQL	25	>TP53-F134S ALNKMSCQL	37	12
>TP53-F134S ALNKMFCQL	113	>TP53-F134S ALNKMSCQL	89	24
>TP53-F134S ALNKMFCQL	431	>TP53-F134S ALNKMSCQL	1082	651
>TP53-F134S ALNKMFCQL	860	>TP53-F134S ALNKMSCQL	476	384
>TP53-F134S ALNKMFCQL	288	>TP53-F134S ALNKMSCQL	2296	2008
>TP53-F134S ALNKMFCQL	416	>TP53-F134S ALNKMSCQL	384	32
>TP53-F134S SPALNKMFCQ	432	>TP53-F134S SPALNKMSCQ	1236	804
>TP53-F134S SPALNKMF	100	>TP53-F134S SPALNKMS	10391	10291
>TP53-F134S SPALNKMFC	2294	>TP53-F134S SPALNKMSC	174	2120
>TP53-F134S SPALNKMFCQ	41	>TP53-F134S SPALNKMSCQ	29	12
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>TP53-F134S SPALNKMF	326	>TP53-F134S SPALNKMS	10909	10583
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>TP53-F134S YSPALNKMF	384	>TP53-F134S YSPALNKMS	19455	19071
>TP53-F134S YSPALNKMF	104	>TP53-F134S YSPALNKMS	20573	20469
>TP53-F134S YSPALNKMF	43	>TP53-F134S YSPALNKMS	15734	15691
>TP53-F134S YSPALNKMF	3	>TP53-F134S YSPALNKMS	66	63
>TP53-F134S YSPALNKMFC	22	>TP53-F134S YSPALNKMSC	101	79
>TP53-F134S YSPALNKMFC	124	>TP53-F134S YSPALNKMSC	316	192
>TP53-F134S YSPALNKMF	103	>TP53-F134S YSPALNKMS	10351	10248
>TP53-F134S TYSPALNKMF	179	>TP53-F134S TYSPALNKMS	33353	33174
>TP53-F134S TYSPALNKMF	64	>TP53-F134S TYSPALNKMS	22562	22498
>TP53-F134S TYSPALNKMF	5	>TP53-F134S TYSPALNKMS	2187	2182
>TP53-F134S TYSPALNKMF	439	>TP53-F134S TYSPALNKMS	1183	744
>TP53-F134V FCQLAKTCPV	443	>TP53-F134V VCQLAKTCPV	3513	3070
>TP53-F134V MFCQLAKTCI	1152	>TP53-F134V MVCQLAKTC	332	820
>TP53-F134V MFCQLAKTCI	5378	>TP53-F134V MVCQLAKTC	121	5257
>TP53-F134V MFCQLAKTCI	4206	>TP53-F134V MVCQLAKTC	63	4143
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>TP53-F134V MFCQLAKTCI	679	>TP53-F134V MVCQLAKTC	16	663
>TP53-F134V MFCQLAKTCI	4646	>TP53-F134V MVCQLAKTC	25	4621
>TP53-F134V MFCQLAKTCI	7918	>TP53-F134V MVCQLAKTC	110	7808

>TP53-F134VMFCQLAKTC	450	>TP53-F134VMVCQLAKTC	25168	24718
>TP53-F134VCTYSPALNKN	20051	>TP53-F134VCTYSPALNKN	210	19841
>TP53-F134VCTYSPALNKN	343	>TP53-F134VCTYSPALNKN	16004	15661
>TP53-F134VCTYSPALNKN	380	>TP53-F134VCTYSPALNKN	14378	13998
>TP53-F134VCTYSPALNKN	17060	>TP53-F134VCTYSPALNKN	69	16991
>TP53-F134VCTYSPALNKN	8329	>TP53-F134VCTYSPALNKN	55	8274
>TP53-F134VCTYSPALNKN	23	>TP53-F134VCTYSPALNKN	1442	1419
>TP53-F134VCTYSPALNKN	5	>TP53-F134VCTYSPALNKN	446	441
>TP53-F134VCTYSPALNKN	146	>TP53-F134VCTYSPALNKN	371	225
>TP53-F134VCTYSPALNKN	13	>TP53-F134VCTYSPALNKN	176	163
>TP53-F134VCTYSPALNKN	358	>TP53-F134VCTYSPALNKN	124	234
>TP53-F134VKMFCQLAKT	89	>TP53-F134VKMVCQLAKT	1007	918
>TP53-F134VKMFCQLAKT	102	>TP53-F134VKMVCQLAKT	586	484
>TP53-F134VKMFCQLAKT	19	>TP53-F134VKMVCQLAKT	40	21
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>TP53-F134VKMFCQLAKT	19	>TP53-F134VKMVCQLAKT	225	206
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>TP53-F134VKMFCQLAKT	55	>TP53-F134VKMVCQLAKT	196	141
>TP53-F134VKMFCQLAKT	61	>TP53-F134VKMVCQLAKT	183	122
>TP53-F134VKMFCQLAK	26	>TP53-F134VKMVCQLAK	50	24
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>TP53-F134VKMFCQLAK	8	>TP53-F134VKMVCQLAK	38	30
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>TP53-F134VKMFCQLAK	371	>TP53-F134VKMVCQLAK	4210	3839
>TP53-F134VKMFCQLAKT	81	>TP53-F134VKMVCQLAKT	1236	1155
>TP53-F134VKMFCQLAK	58	>TP53-F134VKMVCQLAK	409	351
>TP53-F134VKMFCQLAKT	491	>TP53-F134VKMVCQLAKT	2308	1817
>TP53-F134VKMFCQLAK	39	>TP53-F134VKMVCQLAK	114	75
>TP53-F134V NKMFCQLAK	646	>TP53-F134V NKMVCQLAK	404	242
>TP53-F134V LNKMFQQL	100	>TP53-F134V LNKMVCQL	4918	4818
>TP53-F134V LNKMFQQLA	161	>TP53-F134V LNKMVCQLA	316	155
>TP53-F134V LNKMFQQL	153	>TP53-F134V LNKMVCQL	789	636
>TP53-F134V ALNKMFCQL	238	>TP53-F134V ALNKMVCQL	154	84
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>TP53-F134V ALNKMFCQL	297	>TP53-F134V ALNKMVCQL	2369	2072
>TP53-F134V ALNKMFCQL	22	>TP53-F134V ALNKMVCQL	8	14
>TP53-F134V ALNKMFCQL	255	>TP53-F134V ALNKMVCQL	133	122
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>TP53-F134V ALNKMFCQL	21	>TP53-F134V ALNKMVCQL	13	8
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>TP53-F134V ALNKMFCQL	66	>TP53-F134V ALNKMVCQL	17	49

>TP53-F134VALNKMFCQ	245	>TP53-F134VALNKMVCQ	304	59
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>TP53-F134VALNKMFCQL	11	>TP53-F134VALNKMVCQL	12	1
>TP53-F134VALNKMFCQL	37	>TP53-F134VALNKMVCQL	43	6
>TP53-F134VALNKMFCQL	25	>TP53-F134VALNKMVCQL	36	11
>TP53-F134VALNKMFCQL	113	>TP53-F134VALNKMVCQL	143	30
>TP53-F134VALNKMFCQL	431	>TP53-F134VALNKMVCQL	992	561
>TP53-F134VALNKMFCQL	288	>TP53-F134VALNKMVCQL	2774	2486
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>TP53-F134VSPALNKMFC	1125	>TP53-F134VSPALNKMVC	232	893
>TP53-F134VSPALNKMFC	432	>TP53-F134VSPALNKMVC	1259	827
>TP53-F134VSPALNKMFC	100	>TP53-F134VSPALNKMVC	143	43
>TP53-F134VSPALNKMFC	2294	>TP53-F134VSPALNKMVC	320	1974
>TP53-F134VSPALNKMFC	41	>TP53-F134VSPALNKMVC	40	1
>TP53-F134VSPALNKMFC	372	>TP53-F134VSPALNKMVC	775	403
>TP53-F134VSPALNKMFC	326	>TP53-F134VSPALNKMVC	10286	9960
>TP53-F134VSPALNKMFC	450	>TP53-F134VSPALNKMVC	15109	14659
>TP53-F134VYSPALNKMFC	384	>TP53-F134VYSPALNKMVC	16248	15864
>TP53-F134VYSPALNKMFC	21854	>TP53-F134VYSPALNKMVC	309	21545
>TP53-F134VYSPALNKMFC	104	>TP53-F134VYSPALNKMVC	6829	6725
>TP53-F134VYSPALNKMFC	43	>TP53-F134VYSPALNKMVC	8453	8410
>TP53-F134VYSPALNKMFC	3	>TP53-F134VYSPALNKMVC	4	1
>TP53-F134VYSPALNKMFC	22	>TP53-F134VYSPALNKMVC	52	30
>TP53-F134VYSPALNKMFC	124	>TP53-F134VYSPALNKMVC	253	129
>TP53-F134VYSPALNKMFC	103	>TP53-F134VYSPALNKMVC	2292	2189
>TP53-F134VTYSPALNKMFC	2357	>TP53-F134VTYSPALNKMVC	182	2175
>TP53-F134VTYSPALNKMFC	179	>TP53-F134VTYSPALNKMVC	13481	13302
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>TP53-F134VTYSPALNKMFC	439	>TP53-F134VTYSPALNKMVC	2088	1649
>TP53-F212I-FRHSVVVPY	4	>TP53-F212I-IRHSVVVPY	5	1
>TP53-F212I-FRHSVVVPY	33	>TP53-F212I-IRHSVVVPY	129	96
>TP53-F212I-TFRHSVVV	8834	>TP53-F212I-TIRHSVVV	85	8749
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>TP53-F212I-TFRHSVVVPY	2572	>TP53-F212I-TIRHSVVVPY	102	2470
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>TP53-F212I-TFRHSVVV	139	>TP53-F212I-TIRHSVVV	100	39
>TP53-F212I-TFRHSVVVPY	162	>TP53-F212I-TIRHSVVVPY	117	45
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>TP53-F212I-TFRHSVVVPY	11035	>TP53-F212I-TIRHSVVVPY	162	10873
>TP53-F212I-TFRHSVVVPY	3154	>TP53-F212I-TIRHSVVVPY	445	2709

>TP53-F212I- RVEYLDDRNT	40	>TP53-F212I- RVEYLDDRNT	47	7
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>TP53-F212I- RVEYLDDRNT	24066	>TP53-F212I- RVEYLDDRNT	433	23633
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>TP53-F212I- NTFRHSVV	309	>TP53-F212I- NTIRHSVV	1974	1665
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>TP53-F212I- NTFRHSVVVF	97	>TP53-F212I- NTIRHSVVVP	22	75
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>TP53-F212I- NTFRHSVVVF	61	>TP53-F212I- NTIRHSVVVP	572	511
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>TP53-F212I- NTFRHSVVVF	492	>TP53-F212I- NTIRHSVVVP	1827	1335
>TP53-F212I- NTFRHSVVVF	33	>TP53-F212I- NTIRHSVVVP	202	169
>TP53-F212I- NTFRHSVVVF	23	>TP53-F212I- NTIRHSVVVP	39	16
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>TP53-F212I- NTFRHSVVVF	289	>TP53-F212I- NTIRHSVVVP	2524	2235
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>TP53-F212I- RNTFRHSVV	224	>TP53-F212I- RNTIRHSVV	711	487
>TP53-F212I- LDDRNTFRHS	482	>TP53-F212I- LDDRNTIRHS	1066	584
>TP53-F212I- YLDDRNTF	2206	>TP53-F212I- YLDDRNTI	20	2186
>TP53-F212I- YLDDRNTF	708	>TP53-F212I- YLDDRNTI	24	684
>TP53-F212I- YLDDRNTF	4668	>TP53-F212I- YLDDRNTI	39	4629
>TP53-F212I- YLDDRNTF	187	>TP53-F212I- YLDDRNTI	27	160
>TP53-F212I- YLDDRNTFR+	333	>TP53-F212I- YLDDRNTIRH	934	601
>TP53-F212I- YLDDRNTF	149	>TP53-F212I- YLDDRNTI	4	145
>TP53-F212I- YLDDRNTFR+	155	>TP53-F212I- YLDDRNTIRH	118	37
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>TP53-F212I- YLDDRNTF	2259	>TP53-F212I- YLDDRNTI	9	2250
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>TP53-F212I- YLDDRNTF	87	>TP53-F212I- YLDDRNTI	3	84
>TP53-F212I- YLDDRNTFR	189	>TP53-F212I- YLDDRNTIR	656	467
>TP53-F212I- YLDDRNTFR+	187	>TP53-F212I- YLDDRNTIRH	450	263
>TP53-F212I- YLDDRNTFR+	171	>TP53-F212I- YLDDRNTIRH	118	53
>TP53-F212I- YLDDRNTFR	282	>TP53-F212I- YLDDRNTIR	3240	2958

>TP53-F212I- YLDDRNTFR	55	>TP53-F212I- YLDDRNTIR	965	910
>TP53-F212I- YLDDRNTFR	68	>TP53-F212I- YLDDRNTIR	476	408
>TP53-F212I- YLDDRNTF	255	>TP53-F212I- YLDDRNTI	8113	7858
>TP53-F212I- YLDDRNTFR	336	>TP53-F212I- YLDDRNTIR	1292	956
>TP53-F212I- EYLDDRNTF	10690	>TP53-F212I- EYLDDRNTI	51	10639
>TP53-F212I- EYLDDRNTF	103	>TP53-F212I- EYLDDRNTI	600	497
>TP53-F212I- EYLDDRNTF	18	>TP53-F212I- EYLDDRNTI	73	55
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>TP53-F212I- EYLDDRNTF	301	>TP53-F212I- EYLDDRNTI	8655	8354
>TP53-F212I- EYLDDRNTFR	328	>TP53-F212I- EYLDDRNTIR	2313	1985
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>TP53-F212I- EYLDDRNTFR	19	>TP53-F212I- EYLDDRNTIR	31	12
>TP53-F212I- VEYLDDRNTF	622	>TP53-F212I- VEYLDDRNTI	17	605
>TP53-F212I- VEYLDDRNTF	124	>TP53-F212I- VEYLDDRNTI	3208	3084
>TP53-F212I- VEYLDDRNTF	594	>TP53-F212I- VEYLDDRNTI	279	315
>TP53-F212I- VEYLDDRNTF	2225	>TP53-F212I- VEYLDDRNTI	142	2083
>TP53-F212I- VEYLDDRNTF	555	>TP53-F212I- VEYLDDRNTI	115	440
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>TP53-F212L TFRHSVVV	13669	>TP53-F212L TLRHSVVV	382	13287
>TP53-F212L TFRHSVVV	8834	>TP53-F212L TLRHSVVV	14	8820
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>TP53-F212L TFRHSVVV	20790	>TP53-F212L TLRHSVVV	88	20702
>TP53-F212L TFRHSVVV	18767	>TP53-F212L TLRHSVVV	180	18587
>TP53-F212L TFRHSVVV	7945	>TP53-F212L TLRHSVVV	7	7938
>TP53-F212L TFRHSVVVPY	185	>TP53-F212L TLRHSVVVPY	983	798
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>TP53-F212L TFRHSVVVPY	162	>TP53-F212L TLRHSVVVPY	339	177
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>TP53-F212L TFRHSVVVPY	225	>TP53-F212L TLRHSVVVPY	66	159
>TP53-F212L TFRHSVVV	5988	>TP53-F212L TLRHSVVV	339	5649
>TP53-F212L TFRHSVVVPY	271	>TP53-F212L TLRHSVVVPY	17	254
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>TP53-F212L RVEYLDDRNT	40	>TP53-F212L RVEYLDDRNT	121	81
>TP53-F212L RVEYLDDRNT	78	>TP53-F212L RVEYLDDRNT	455	377
>TP53-F212L NTFRHSVV	382	>TP53-F212L NTLRHSVV	2262	1880
>TP53-F212L NTFRHSVV	309	>TP53-F212L NTLRHSVV	516	207
>TP53-F212L NTFRHSVVV	265	>TP53-F212L NTLRHSVVV	447	182
>TP53-F212L NTFRHSVVVF	128	>TP53-F212L NTLRHSVVVF	637	509
>TP53-F212L NTFRHSVVVF	97	>TP53-F212L NTLRHSVVVF	1638	1541
>TP53-F212L NTFRHSVVVF	123	>TP53-F212L NTLRHSVVVF	31	92
>TP53-F212L NTFRHSVVVF	678	>TP53-F212L NTLRHSVVVF	444	234
>TP53-F212L NTFRHSVVVF	82	>TP53-F212L NTLRHSVVVF	285	203

>TP53-F212L NTFRHSVVV	412	>TP53-F212L NTLRHSVVV	2060	1648
>TP53-F212L NTFRHSVVVF	61	>TP53-F212L NTLRHSVVVF	386	325
>TP53-F212L NTFRHSVVVF	34	>TP53-F212L NTLRHSVVVF	1226	1192
>TP53-F212L NTFRHSVV	11	>TP53-F212L NTLRHSVV	179	168
>TP53-F212L NTFRHSVVV	8	>TP53-F212L NTLRHSVVV	97	89
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>TP53-F212L NTFRHSVVVF	492	>TP53-F212L NTLRHSVVVF	1277	785
>TP53-F212L NTFRHSVVVF	33	>TP53-F212L NTLRHSVVVF	208	175
>TP53-F212L NTFRHSVVVF	23	>TP53-F212L NTLRHSVVVF	51	28
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>TP53-F212L NTFRHSVVVF	289	>TP53-F212L NTLRHSVVVF	1302	1013
>TP53-F212L NTFRHSVVVF	23	>TP53-F212L NTLRHSVVVF	110	87
>TP53-F212L RNTFRHSVV	224	>TP53-F212L RNTLRHSVV	694	470
>TP53-F212L LDDRNTFRHS	482	>TP53-F212L LDDRNTLRHS	726	244
>TP53-F212L YLDDRNTF	2206	>TP53-F212L YLDDRNTL	18	2188
>TP53-F212L YLDDRNTF	708	>TP53-F212L YLDDRNTL	9	699
>TP53-F212L YLDDRNTF	4668	>TP53-F212L YLDDRNTL	64	4604
>TP53-F212L YLDDRNTF	187	>TP53-F212L YLDDRNTL	25	162
>TP53-F212L YLDDRNTFRH	333	>TP53-F212L YLDDRNTLRH	548	215
>TP53-F212L YLDDRNTF	149	>TP53-F212L YLDDRNTL	4	145
>TP53-F212L YLDDRNTFRH	155	>TP53-F212L YLDDRNTLRH	143	12
>TP53-F212L YLDDRNTF	367	>TP53-F212L YLDDRNTL	4	363
>TP53-F212L YLDDRNTF	2259	>TP53-F212L YLDDRNTL	9	2250
>TP53-F212L YLDDRNTF	4575	>TP53-F212L YLDDRNTL	15	4560
>TP53-F212L YLDDRNTF	87	>TP53-F212L YLDDRNTL	2	85
>TP53-F212L YLDDRNTFR	189	>TP53-F212L YLDDRNTLR	224	35
>TP53-F212L YLDDRNTFRH	187	>TP53-F212L YLDDRNTLRH	444	257
>TP53-F212L YLDDRNTFRH	171	>TP53-F212L YLDDRNTLRH	147	24
>TP53-F212L YLDDRNTFR	282	>TP53-F212L YLDDRNTLR	1195	913
>TP53-F212L YLDDRNTFR	55	>TP53-F212L YLDDRNTLR	202	147
>TP53-F212L YLDDRNTFR	68	>TP53-F212L YLDDRNTLR	155	87
>TP53-F212L YLDDRNTF	255	>TP53-F212L YLDDRNTL	4877	4622
>TP53-F212L YLDDRNTF	8457	>TP53-F212L YLDDRNTL	339	8118
>TP53-F212L YLDDRNTFR	336	>TP53-F212L YLDDRNTLR	754	418
>TP53-F212L EYLDDRNTF	10690	>TP53-F212L EYLDDRNTL	193	10497
>TP53-F212L EYLDDRNTF	103	>TP53-F212L EYLDDRNTL	1425	1322
>TP53-F212L EYLDDRNTF	18	>TP53-F212L EYLDDRNTL	67	49
>TP53-F212L EYLDDRNTF	381	>TP53-F212L EYLDDRNTL	1452	1071
>TP53-F212L EYLDDRNTF	301	>TP53-F212L EYLDDRNTL	2424	2123
>TP53-F212L EYLDDRNTFR	328	>TP53-F212L EYLDDRNTLR	988	660
>TP53-F212L EYLDDRNTFR	88	>TP53-F212L EYLDDRNTLR	303	215

>TP53-F212L EYLDDRNTFR	19	>TP53-F212L EYLDDRNTLR	23	4
>TP53-F212L VEYLDDRNTF	622	>TP53-F212L VEYLDDRNTL	162	460
>TP53-F212L VEYLDDRNTF	124	>TP53-F212L VEYLDDRNTL	2101	1977
>TP53-F212L VEYLDDRNTF	594	>TP53-F212L VEYLDDRNTL	180	414
>TP53-F212L VEYLDDRNTF	555	>TP53-F212L VEYLDDRNTL	432	123
>TP53-F212S FRHSVVVPY	4	>TP53-F212S SRHSVVVPY	8	4
>TP53-F212S FRHSVVVPY	33	>TP53-F212S SRHSVVVPY	133	100
>TP53-F212S TFRHSVVVPY	2572	>TP53-F212S TSRHSVVVPY	106	2466
>TP53-F212S TFRHSVVVPY	185	>TP53-F212S TSRHSVVVPY	700	515
>TP53-F212S TFRHSVVV	139	>TP53-F212S TSRHSVVV	41	98
>TP53-F212S TFRHSVVVPY	162	>TP53-F212S TSRHSVVVPY	44	118
>TP53-F212S TFRHSVVVPY	1278	>TP53-F212S TSRHSVVVPY	426	852
>TP53-F212S TFRHSVVVPY	687	>TP53-F212S TSRHSVVVPY	229	458
>TP53-F212S TFRHSVVVPY	140	>TP53-F212S TSRHSVVVPY	42	98
>TP53-F212S TFRHSVVVPY	225	>TP53-F212S TSRHSVVVPY	1487	1262
>TP53-F212S TFRHSVVV	5988	>TP53-F212S TSRHSVVV	245	5743
>TP53-F212S TFRHSVVVPY	271	>TP53-F212S TSRHSVVVPY	13	258
>TP53-F212S TFRHSVVV	25016	>TP53-F212S TSRHSVVV	257	24759
>TP53-F212S TFRHSVVVPY	11035	>TP53-F212S TSRHSVVVPY	4	11031
>TP53-F212S TFRHSVVV	12839	>TP53-F212S TSRHSVVV	246	12593
>TP53-F212S TFRHSVVVPY	15465	>TP53-F212S TSRHSVVVPY	200	15265
>TP53-F212S RVEYLDDRNT	40	>TP53-F212S RVEYLDDRNT	5194	5154
>TP53-F212S RVEYLDDRNT	78	>TP53-F212S RVEYLDDRNT	7373	7295
>TP53-F212S NTFRHSVVVF	562	>TP53-F212S NTSRHSVVVF	54	508
>TP53-F212S NTFRHSVV	382	>TP53-F212S NTSRHSVV	617	235
>TP53-F212S NTFRHSVV	309	>TP53-F212S NTSRHSVV	3256	2947
>TP53-F212S NTFRHSVVV	265	>TP53-F212S NTSRHSVVV	2916	2651
>TP53-F212S NTFRHSVVVF	128	>TP53-F212S NTSRHSVVVF	533	405
>TP53-F212S NTFRHSVVVF	97	>TP53-F212S NTSRHSVVVF	424	327
>TP53-F212S NTFRHSVVVF	123	>TP53-F212S NTSRHSVVVF	68	55
>TP53-F212S NTFRHSVVVF	82	>TP53-F212S NTSRHSVVVF	278	196
>TP53-F212S NTFRHSVVV	412	>TP53-F212S NTSRHSVVV	5964	5552
>TP53-F212S NTFRHSVVVF	61	>TP53-F212S NTSRHSVVVF	1693	1632
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>TP53-F212S NTFRHSVV	11	>TP53-F212S NTSRHSVV	35	24
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>TP53-F212S NTFRHSVVV	25	>TP53-F212S NTSRHSVVV	143	118
>TP53-F212S NTFRHSVVVF	65	>TP53-F212S NTSRHSVVVF	110	45
>TP53-F212S NTFRHSVVVF	492	>TP53-F212S NTSRHSVVVF	2520	2028
>TP53-F212S NTFRHSVVVF	33	>TP53-F212S NTSRHSVVVF	369	336
>TP53-F212S NTFRHSVVVF	23	>TP53-F212S NTSRHSVVVF	124	101
>TP53-F212S NTFRHSVVVF	105	>TP53-F212S NTSRHSVVVF	139	34

>TP53-F212S NTFRHSVVVF	289	>TP53-F212S NTSRHSVVVF	1293	1004
>TP53-F212S NTFRHSVVVF	23	>TP53-F212S NTSRHSVVVF	38	15
>TP53-F212S RNTFRHSVV	224	>TP53-F212S RNTSRHSVV	110	114
>TP53-F212S LDDRNTFRHS	482	>TP53-F212S LDDRNTSRHS	683	201
>TP53-F212S YLDDRNTF	187	>TP53-F212S YLDDRNTS	868	681
>TP53-F212S YLDDRNTFRH	333	>TP53-F212S YLDDRNTSRH	1261	928
>TP53-F212S YLDDRNTF	149	>TP53-F212S YLDDRNTS	188	39
>TP53-F212S YLDDRNTFRH	155	>TP53-F212S YLDDRNTSRH	184	29
>TP53-F212S YLDDRNTF	367	>TP53-F212S YLDDRNTS	461	94
>TP53-F212S YLDDRNTF	87	>TP53-F212S YLDDRNTS	36	51
>TP53-F212S YLDDRNTFR	189	>TP53-F212S YLDDRNTSR	129	60
>TP53-F212S YLDDRNTFRH	187	>TP53-F212S YLDDRNTSRH	323	136
>TP53-F212S YLDDRNTFRH	171	>TP53-F212S YLDDRNTSRH	198	27
>TP53-F212S YLDDRNTFR	282	>TP53-F212S YLDDRNTSR	2623	2341
>TP53-F212S YLDDRNTFR	55	>TP53-F212S YLDDRNTSR	261	206
>TP53-F212S YLDDRNTFR	68	>TP53-F212S YLDDRNTSR	428	360
>TP53-F212S YLDDRNTF	255	>TP53-F212S YLDDRNTS	20232	19977
>TP53-F212S YLDDRNTFR	336	>TP53-F212S YLDDRNTSR	1422	1086
>TP53-F212S EYLDDRNTF	103	>TP53-F212S EYLDDRNTS	18964	18861
>TP53-F212S EYLDDRNTF	18	>TP53-F212S EYLDDRNTS	6809	6791
>TP53-F212S EYLDDRNTF	381	>TP53-F212S EYLDDRNTS	10549	10168
>TP53-F212S EYLDDRNTF	301	>TP53-F212S EYLDDRNTS	19150	18849
>TP53-F212S EYLDDRNTFR	328	>TP53-F212S EYLDDRNTSR	1757	1429
>TP53-F212S EYLDDRNTFR	88	>TP53-F212S EYLDDRNTSR	483	395
>TP53-F212S EYLDDRNTFR	19	>TP53-F212S EYLDDRNTSR	34	15
>TP53-F212S VEYLDDRNTF	124	>TP53-F212S VEYLDDRNTS	17087	16963
>TP53-F212Y FRHSVVVPY	4	>TP53-F212Y YRHSVVVPY	4	0
>TP53-F212Y FRHSVVVPY	33	>TP53-F212Y YRHSVVVPY	30	3
>TP53-F212Y FRHSVVVPY	946	>TP53-F212Y YRHSVVVPY	145	801
>TP53-F212Y TFRHSVVVPY	185	>TP53-F212Y TYRHSVVVPY	99	86
>TP53-F212Y TFRHSVVV	139	>TP53-F212Y TYRHSVVV	43	96
>TP53-F212Y TFRHSVVVPY	162	>TP53-F212Y TYRHSVVVPY	48	114
>TP53-F212Y TFRHSVVVPY	1278	>TP53-F212Y TYRHSVVVPY	435	843
>TP53-F212Y TFRHSVVVPY	687	>TP53-F212Y TYRHSVVVPY	226	461
>TP53-F212Y TFRHSVVVPY	140	>TP53-F212Y TYRHSVVVPY	657	517
>TP53-F212Y TFRHSVVVPY	225	>TP53-F212Y TYRHSVVVPY	823	598
>TP53-F212Y TFRHSVVVPY	271	>TP53-F212Y TYRHSVVVPY	107	164
>TP53-F212Y RVEYLDDRNT	4944	>TP53-F212Y RVEYLDDRNT	50	4894
>TP53-F212Y RVEYLDDRNT	40	>TP53-F212Y RVEYLDDRNT	447	407
>TP53-F212Y RVEYLDDRNT	78	>TP53-F212Y RVEYLDDRNT	55	23
>TP53-F212Y RVEYLDDRNT	11526	>TP53-F212Y RVEYLDDRNT	365	11161
>TP53-F212Y NTFRHSVV	382	>TP53-F212Y NTYRHSVV	157	225
>TP53-F212Y NTFRHSVVV	581	>TP53-F212Y NTYRHSVVV	225	356



>TP53-F212Y NTFRHSVV	309	>TP53-F212Y NTYRHSVV	204	105
>TP53-F212Y NTFRHSVVV	265	>TP53-F212Y NTYRHSVVV	176	89
>TP53-F212Y NTFRHSVVVF	647	>TP53-F212Y NTYRHSVVVF	240	407
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>TP53-F212Y NTFRHSVVVF	97	>TP53-F212Y NTYRHSVVVF	80	17
>TP53-F212Y NTFRHSVVVF	123	>TP53-F212Y NTYRHSVVVF	17	106
>TP53-F212Y NTFRHSVVVF	678	>TP53-F212Y NTYRHSVVVF	433	245
>TP53-F212Y NTFRHSVVVF	82	>TP53-F212Y NTYRHSVVVF	121	39
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>TP53-F212Y NTFRHSVVVF	105	>TP53-F212Y NTYRHSVVVF	102	3
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>TP53-F212Y NTFRHSVVVF	23	>TP53-F212Y NTYRHSVVVF	25	2
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>TP53-F212Y YLDDRNTF	3372	>TP53-F212Y YLDDRNTY	22	3350
>TP53-F212Y YLDDRNTF	187	>TP53-F212Y YLDDRNTY	2361	2174
>TP53-F212Y YLDDRNTFRF	333	>TP53-F212Y YLDDRNTYRF	997	664
>TP53-F212Y YLDDRNTF	149	>TP53-F212Y YLDDRNTY	616	467
>TP53-F212Y YLDDRNTFR	1191	>TP53-F212Y YLDDRNTYR	342	849
>TP53-F212Y YLDDRNTFRF	155	>TP53-F212Y YLDDRNTYRF	125	30
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>TP53-F212Y YLDDRNTF	87	>TP53-F212Y YLDDRNTY	76	11
>TP53-F212Y YLDDRNTFR	189	>TP53-F212Y YLDDRNTYR	104	85
>TP53-F212Y YLDDRNTFRF	187	>TP53-F212Y YLDDRNTYRF	349	162
>TP53-F212Y YLDDRNTFRF	171	>TP53-F212Y YLDDRNTYRF	171	0
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>TP53-F212Y YLDDRNTFR	282	>TP53-F212Y YLDDRNTYR	169	113
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>TP53-F212Y YLDDRNTFR	68	>TP53-F212Y YLDDRNTYR	105	37
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>TP53-F212Y YLDDRNTF	10925	>TP53-F212Y YLDDRNTY	378	10547
>TP53-F212Y YLDDRNTFR	336	>TP53-F212Y YLDDRNTYR	107	229
>TP53-F212Y EYLDDRNTF	103	>TP53-F212Y EYLDDRNTY	9221	9118

>TP53-F212Y EYLDDRNTF	18	>TP53-F212Y EYLDDRNTY	2842	2824
>TP53-F212Y EYLDDRNTF	381	>TP53-F212Y EYLDDRNTY	116	265
>TP53-F212Y EYLDDRNTF	301	>TP53-F212Y EYLDDRNTY	141	160
>TP53-F212Y EYLDDRNTF	1315	>TP53-F212Y EYLDDRNTY	136	1179
>TP53-F212Y EYLDDRNTF	7414	>TP53-F212Y EYLDDRNTY	419	6995
>TP53-F212Y EYLDDRNTF	11777	>TP53-F212Y EYLDDRNTY	237	11540
>TP53-F212Y EYLDDRNTFR	328	>TP53-F212Y EYLDDRNTYR	347	19
>TP53-F212Y EYLDDRNTFR	88	>TP53-F212Y EYLDDRNTYR	137	49
>TP53-F212Y EYLDDRNTFR	508	>TP53-F212Y EYLDDRNTYR	372	136
>TP53-F212Y EYLDDRNTFR	19	>TP53-F212Y EYLDDRNTYR	13	6
>TP53-F212Y VEYLDDRNTF	124	>TP53-F212Y VEYLDDRNTY	511	387
>TP53-F212Y VEYLDDRNTF	1478	>TP53-F212Y VEYLDDRNTY	365	1113
>TP53-F212Y VEYLDDRNTF	524	>TP53-F212Y VEYLDDRNTY	230	294
>TP53-F270C FEVRVCACPC	370	>TP53-F270C CEVRVCACPC	1715	1345
>TP53-F270C SSGNLLGRNS	245	>TP53-F270C SSGNLLGRNS	18840	18595
>TP53-F270C SSGNLLGRNS	390	>TP53-F270C SSGNLLGRNS	25937	25547
>TP53-F270C SSGNLLGRNS	32	>TP53-F270C SSGNLLGRNS	7939	7907
>TP53-F270C NSFQVRVCA	21	>TP53-F270C NSQEVVCA	610	589
>TP53-F270C GRNSQEVV	405	>TP53-F270C GRNSQEVV	2614	2209
>TP53-F270C LGRNSQEVV	286	>TP53-F270C LGRNSQEVV	2572	2286
>TP53-F270C LLGRNSQEV	26	>TP53-F270C LLGRNSQEV	277	251
>TP53-F270C LLGRNSQEVV	137	>TP53-F270C LLGRNSQEVV	310	173
>TP53-F270C LLGRNSQEV	16	>TP53-F270C LLGRNSQEV	70	54
>TP53-F270C LLGRNSQEVV	62	>TP53-F270C LLGRNSQEVV	116	54
>TP53-F270C LLGRNSQEV	47	>TP53-F270C LLGRNSQEV	69	22
>TP53-F270C LLGRNSQEVV	214	>TP53-F270C LLGRNSQEVV	268	54
>TP53-F270C LLGRNSQEV	39	>TP53-F270C LLGRNSQEV	504	465
>TP53-F270C LLGRNSQEV	2	>TP53-F270C LLGRNSQEV	2	0
>TP53-F270C LLGRNSQEVV	3	>TP53-F270C LLGRNSQEVV	5	2
>TP53-F270C LLGRNSQEV	2	>TP53-F270C LLGRNSQEV	3	1
>TP53-F270C LLGRNSQEVV	7	>TP53-F270C LLGRNSQEVV	8	1
>TP53-F270C LLGRNSQEV	5	>TP53-F270C LLGRNSQEV	6	1
>TP53-F270C LLGRNSQEVV	9	>TP53-F270C LLGRNSQEVV	10	1
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>TP53-F270C LLGRNSQEVV	6	>TP53-F270C LLGRNSQEVV	7	1
>TP53-F270C LLGRNSQEV	2	>TP53-F270C LLGRNSQEV	2	0
>TP53-F270C LLGRNSQEVV	2	>TP53-F270C LLGRNSQEVV	2	0
>TP53-F270C LLGRNSQEVV	429	>TP53-F270C LLGRNSQEVV	1197	768
>TP53-F270C LLGRNSQEV	425	>TP53-F270C LLGRNSQEV	1879	1454
>TP53-F270C NLLGRNSQEV	29	>TP53-F270C NLLGRNSQEV	118	89
>TP53-F270C NLLGRNSQEV	89	>TP53-F270C NLLGRNSQEV	205	116
>TP53-F270C NLLGRNSQEV	94	>TP53-F270C NLLGRNSQEV	53	41
>TP53-F270C NLLGRNSQEV	137	>TP53-F270C NLLGRNSQEV	393	256

>TP53-F270C NLLGRNSFEV	3	>TP53-F270C NLLGRNSCEV	4	1
>TP53-F270C NLLGRNSFEV	5	>TP53-F270C NLLGRNSCEV	9	4
>TP53-F270C NLLGRNSFEV	7	>TP53-F270C NLLGRNSCEV	8	1
>TP53-F270C NLLGRNSFEV	3	>TP53-F270C NLLGRNSCEV	5	2
>TP53-F270C NLLGRNSF	7305	>TP53-F270C NLLGRNSC	346	6959
>TP53-F270C NLLGRNSFEV	3	>TP53-F270C NLLGRNSCEV	3	0
>TP53-F270C NLLGRNSFEV	109	>TP53-F270C NLLGRNSCEV	199	90
>TP53-F270C NLLGRNSFEV	309	>TP53-F270C NLLGRNSCEV	406	97
>TP53-F270C NLLGRNSFEV	52	>TP53-F270C NLLGRNSCEV	173	121
>TP53-F270C NLLGRNSF	65	>TP53-F270C NLLGRNSC	11690	11625
>TP53-F270C NLLGRNSF	418	>TP53-F270C NLLGRNSC	22838	22420
>TP53-F270C NLLGRNSFEV	195	>TP53-F270C NLLGRNSCEV	733	538
>TP53-F270C SGNLLGRNSF	311	>TP53-F270C SGNLLGRNSC	23558	23247
>TP53-F270I- FEVRVCACPG	370	>TP53-F270I- IEVRVCACPG	1537	1167
>TP53-F270I- SSGNLLGRNS	245	>TP53-F270I- SSGNLLGRNS	10266	10021
>TP53-F270I- SSGNLLGRNS	390	>TP53-F270I- SSGNLLGRNS	8891	8501
>TP53-F270I- SSGNLLGRNS	32	>TP53-F270I- SSGNLLGRNS	568	536
>TP53-F270I- SSGNLLGRNS	9035	>TP53-F270I- SSGNLLGRNS	37	8998
>TP53-F270I- NSFVCA	21	>TP53-F270I- NSIEVCA	37	16
>TP53-F270I- GRNSFEVR	405	>TP53-F270I- GRNSIEVR	454	49
>TP53-F270I- LGRNSFEVR	286	>TP53-F270I- LGRNSIEVR	829	543
>TP53-F270I- LLGRNSFEV	26	>TP53-F270I- LLGRNSIEV	88	62
>TP53-F270I- LLGRNSFEVR	137	>TP53-F270I- LLGRNSIEVR	246	109
>TP53-F270I- LLGRNSFEV	16	>TP53-F270I- LLGRNSIEV	76	60
>TP53-F270I- LLGRNSFEVR	62	>TP53-F270I- LLGRNSIEVR	96	34
>TP53-F270I- LLGRNSFEV	47	>TP53-F270I- LLGRNSIEV	80	33
>TP53-F270I- LLGRNSFEVR	214	>TP53-F270I- LLGRNSIEVR	246	32
>TP53-F270I- LLGRNSFEV	39	>TP53-F270I- LLGRNSIEV	368	329
>TP53-F270I- LLGRNSFEV	2	>TP53-F270I- LLGRNSIEV	3	1
>TP53-F270I- LLGRNSFEVR	3	>TP53-F270I- LLGRNSIEVR	4	1
>TP53-F270I- LLGRNSFEV	2	>TP53-F270I- LLGRNSIEV	3	1
>TP53-F270I- LLGRNSFEVR	7	>TP53-F270I- LLGRNSIEVR	8	1
>TP53-F270I- LLGRNSFEV	5	>TP53-F270I- LLGRNSIEV	7	2
>TP53-F270I- LLGRNSFEVR	9	>TP53-F270I- LLGRNSIEVR	10	1
>TP53-F270I- LLGRNSFEV	2	>TP53-F270I- LLGRNSIEV	4	2
>TP53-F270I- LLGRNSFEVR	6	>TP53-F270I- LLGRNSIEVR	6	0
>TP53-F270I- LLGRNSFEV	2	>TP53-F270I- LLGRNSIEV	2	0
>TP53-F270I- LLGRNSFEVR	2	>TP53-F270I- LLGRNSIEVR	2	0
>TP53-F270I- LLGRNSFEVR	429	>TP53-F270I- LLGRNSIEVR	1534	1105
>TP53-F270I- LLGRNSFEV	425	>TP53-F270I- LLGRNSIEV	1286	861
>TP53-F270I- NLLGRNSFEV	29	>TP53-F270I- NLLGRNSIEV	50	21
>TP53-F270I- NLLGRNSF	5015	>TP53-F270I- NLLGRNSI	274	4741
>TP53-F270I- NLLGRNSFEV	89	>TP53-F270I- NLLGRNSIEV	160	71

>TP53-F270I-NLLGRNSF	12898	>TP53-F270I-NLLGRNSI	361	12537
>TP53-F270I-NLLGRNSFEV	94	>TP53-F270I-NLLGRNSIEV	65	29
>TP53-F270I-NLLGRNSFEV	137	>TP53-F270I-NLLGRNSIEV	200	63
>TP53-F270I-NLLGRNSF	7094	>TP53-F270I-NLLGRNSI	104	6990
>TP53-F270I-NLLGRNSFEV	3	>TP53-F270I-NLLGRNSIEV	5	2
>TP53-F270I-NLLGRNSF	10562	>TP53-F270I-NLLGRNSI	174	10388
>TP53-F270I-NLLGRNSFEV	5	>TP53-F270I-NLLGRNSIEV	9	4
>TP53-F270I-NLLGRNSF	17245	>TP53-F270I-NLLGRNSI	496	16749
>TP53-F270I-NLLGRNSFEV	7	>TP53-F270I-NLLGRNSIEV	10	3
>TP53-F270I-NLLGRNSF	13213	>TP53-F270I-NLLGRNSI	207	13006
>TP53-F270I-NLLGRNSFEV	3	>TP53-F270I-NLLGRNSIEV	7	4
>TP53-F270I-NLLGRNSF	7305	>TP53-F270I-NLLGRNSI	47	7258
>TP53-F270I-NLLGRNSFEV	3	>TP53-F270I-NLLGRNSIEV	3	0
>TP53-F270I-NLLGRNSFEV	109	>TP53-F270I-NLLGRNSIEVI	203	94
>TP53-F270I-NLLGRNSFEV	309	>TP53-F270I-NLLGRNSIEVI	415	106
>TP53-F270I-NLLGRNSFEV	52	>TP53-F270I-NLLGRNSIEV	152	100
>TP53-F270I-NLLGRNSF	501	>TP53-F270I-NLLGRNSI	332	169
>TP53-F270I-NLLGRNSF	65	>TP53-F270I-NLLGRNSI	2254	2189
>TP53-F270I-NLLGRNSF	418	>TP53-F270I-NLLGRNSI	8862	8444
>TP53-F270I-NLLGRNSFEV	195	>TP53-F270I-NLLGRNSIEVI	388	193
>TP53-F270I-SGNLLGRNSF	311	>TP53-F270I-SGNLLGRNSI	7424	7113
>TP53-F270L FEVRVCACPG	370	>TP53-F270L LEVRVCACPG	1706	1336
>TP53-F270L SFEVRVCA	27268	>TP53-F270L SLEVRVCA	144	27124
>TP53-F270L SFEVRVCAC	30184	>TP53-F270L SLEVRVCAC	142	30042
>TP53-F270L SSGNLLGRNS	245	>TP53-F270L SSGNLLGRNS	6670	6425
>TP53-F270L SSGNLLGRNS	390	>TP53-F270L SSGNLLGRNS	3045	2655
>TP53-F270L SSGNLLGRNS	32	>TP53-F270L SSGNLLGRNS	244	212
>TP53-F270L NSFVVRVCA	21	>TP53-F270L NSLEVRVCA	673	652
>TP53-F270L GRNSFEVR	405	>TP53-F270L GRNSLEVR	462	57
>TP53-F270L LGRNSFEVR	286	>TP53-F270L LGRNSLEVR	997	711
>TP53-F270L LLGRNSFEV	26	>TP53-F270L LLGRNSLEV	138	112
>TP53-F270L LLGRNSFEVR	137	>TP53-F270L LLGRNSLEVR'	330	193
>TP53-F270L LLGRNSFEV	16	>TP53-F270L LLGRNSLEV	114	98
>TP53-F270L LLGRNSFEVR	62	>TP53-F270L LLGRNSLEVR'	153	91
>TP53-F270L LLGRNSFEV	47	>TP53-F270L LLGRNSLEV	64	17
>TP53-F270L LLGRNSFEVR	214	>TP53-F270L LLGRNSLEVR'	287	73
>TP53-F270L LLGRNSFEV	39	>TP53-F270L LLGRNSLEV	420	381
>TP53-F270L LLGRNSFEV	2	>TP53-F270L LLGRNSLEV	3	1
>TP53-F270L LLGRNSFEVR	3	>TP53-F270L LLGRNSLEVR'	4	1
>TP53-F270L LLGRNSFEV	2	>TP53-F270L LLGRNSLEV	4	2
>TP53-F270L LLGRNSFEVR	7	>TP53-F270L LLGRNSLEVR'	10	3
>TP53-F270L LLGRNSFEV	5	>TP53-F270L LLGRNSLEV	8	3
>TP53-F270L LLGRNSFEVR	9	>TP53-F270L LLGRNSLEVR'	11	2

>TP53-F270L LLGRNSFEV	2	>TP53-F270L LLGRNSLEV	5	3
>TP53-F270L LLGRNSFEVR	6	>TP53-F270L LLGRNSLEVR	10	4
>TP53-F270L LLGRNSFEV	2	>TP53-F270L LLGRNSLEV	2	0
>TP53-F270L LLGRNSFEVR	2	>TP53-F270L LLGRNSLEVR	2	0
>TP53-F270L LLGRNSFEVR	429	>TP53-F270L LLGRNSLEVR	813	384
>TP53-F270L LLGRNSFEV	425	>TP53-F270L LLGRNSLEV	1703	1278
>TP53-F270L NLLGRNSFEV	29	>TP53-F270L NLLGRNSLEV	49	20
>TP53-F270L NLLGRNSF	5015	>TP53-F270L NLLGRNSL	85	4930
>TP53-F270L NLLGRNSFEV	89	>TP53-F270L NLLGRNSLEV	131	42
>TP53-F270L NLLGRNSFEV	94	>TP53-F270L NLLGRNSLEV	40	54
>TP53-F270L NLLGRNSFEV	137	>TP53-F270L NLLGRNSLEV	179	42
>TP53-F270L NLLGRNSF	7094	>TP53-F270L NLLGRNSL	121	6973
>TP53-F270L NLLGRNSFEV	3	>TP53-F270L NLLGRNSLEV	5	2
>TP53-F270L NLLGRNSF	10562	>TP53-F270L NLLGRNSL	189	10373
>TP53-F270L NLLGRNSFEV	5	>TP53-F270L NLLGRNSLEV	12	7
>TP53-F270L NLLGRNSF	17245	>TP53-F270L NLLGRNSL	318	16927
>TP53-F270L NLLGRNSFEV	7	>TP53-F270L NLLGRNSLEV	10	3
>TP53-F270L NLLGRNSF	13213	>TP53-F270L NLLGRNSL	146	13067
>TP53-F270L NLLGRNSFEV	3	>TP53-F270L NLLGRNSLEV	8	5
>TP53-F270L NLLGRNSF	7305	>TP53-F270L NLLGRNSL	12	7293
>TP53-F270L NLLGRNSFEV	3	>TP53-F270L NLLGRNSLEV	3	0
>TP53-F270L NLLGRNSFEV	109	>TP53-F270L NLLGRNSLEV	198	89
>TP53-F270L NLLGRNSFEV	309	>TP53-F270L NLLGRNSLEV	473	164
>TP53-F270L NLLGRNSFEV	52	>TP53-F270L NLLGRNSLEV	162	110
>TP53-F270L NLLGRNSF	501	>TP53-F270L NLLGRNSL	125	376
>TP53-F270L NLLGRNSF	65	>TP53-F270L NLLGRNSL	1117	1052
>TP53-F270L NLLGRNSF	418	>TP53-F270L NLLGRNSL	7267	6849
>TP53-F270L NLLGRNSFEV	195	>TP53-F270L NLLGRNSLEV	601	406
>TP53-F270L SGNLLGRNSF	311	>TP53-F270L SGNLLGRNSL	3628	3317
>TP53-F270S FEVRVCACPC	370	>TP53-F270S SEVRVCACPC	1555	1185
>TP53-F270S FEVRVCACPC	2847	>TP53-F270S SEVRVCACPC	472	2375
>TP53-F270S SSGNLLGRNS	245	>TP53-F270S SSGNLLGRNS	18071	17826
>TP53-F270S SSGNLLGRNS	390	>TP53-F270S SSGNLLGRNS	24981	24591
>TP53-F270S SSGNLLGRNS	32	>TP53-F270S SSGNLLGRNS	5373	5341
>TP53-F270S NSFVCA	21	>TP53-F270S NSSEVRVCA	80	59
>TP53-F270S GRNSFEVR	405	>TP53-F270S GRNSSEVR	1496	1091
>TP53-F270S LGRNSFEVR	286	>TP53-F270S LGRNSSEVR	1822	1536
>TP53-F270S LLGRNSFEV	26	>TP53-F270S LLGRNSSEV	497	471
>TP53-F270S LLGRNSFEVR	137	>TP53-F270S LLGRNSSEVR	603	466
>TP53-F270S LLGRNSFEV	16	>TP53-F270S LLGRNSSEV	45	29
>TP53-F270S LLGRNSFEVR	62	>TP53-F270S LLGRNSSEVR	116	54
>TP53-F270S LLGRNSFEV	47	>TP53-F270S LLGRNSSEV	17	30
>TP53-F270S LLGRNSFEVR	214	>TP53-F270S LLGRNSSEVR	153	61

>TP53-F270S LLGRNSFEV	39	>TP53-F270S LLGRNSSEV	894	855
>TP53-F270S LLGRNSFEV	2	>TP53-F270S LLGRNSSEV	3	1
>TP53-F270S LLGRNSFEVR	3	>TP53-F270S LLGRNSSEVR	5	2
>TP53-F270S LLGRNSFEV	2	>TP53-F270S LLGRNSSEV	4	2
>TP53-F270S LLGRNSFEVR	7	>TP53-F270S LLGRNSSEVR	9	2
>TP53-F270S LLGRNSFEV	5	>TP53-F270S LLGRNSSEV	11	6
>TP53-F270S LLGRNSFEVR	9	>TP53-F270S LLGRNSSEVR	12	3
>TP53-F270S LLGRNSFEV	2	>TP53-F270S LLGRNSSEV	4	2
>TP53-F270S LLGRNSFEVR	6	>TP53-F270S LLGRNSSEVR	8	2
>TP53-F270S LLGRNSFEV	2	>TP53-F270S LLGRNSSEV	2	0
>TP53-F270S LLGRNSFEVR	2	>TP53-F270S LLGRNSSEVR	2	0
>TP53-F270S LLGRNSFEVR	429	>TP53-F270S LLGRNSSEVR	1446	1017
>TP53-F270S LLGRNSFEV	425	>TP53-F270S LLGRNSSEV	2527	2102
>TP53-F270S NLLGRNSFEV	29	>TP53-F270S NLLGRNSSEV	155	126
>TP53-F270S NLLGRNSFEV	89	>TP53-F270S NLLGRNSSEV	136	47
>TP53-F270S NLLGRNSFEV	94	>TP53-F270S NLLGRNSSEV	35	59
>TP53-F270S NLLGRNSFEV	137	>TP53-F270S NLLGRNSSEV	400	263
>TP53-F270S NLLGRNSFEV	3	>TP53-F270S NLLGRNSSEV	5	2
>TP53-F270S NLLGRNSFEV	5	>TP53-F270S NLLGRNSSEV	9	4
>TP53-F270S NLLGRNSFEV	7	>TP53-F270S NLLGRNSSEV	12	5
>TP53-F270S NLLGRNSFEV	3	>TP53-F270S NLLGRNSSEV	6	3
>TP53-F270S NLLGRNSFEV	3	>TP53-F270S NLLGRNSSEV	3	0
>TP53-F270S NLLGRNSFEV	109	>TP53-F270S NLLGRNSSEV	286	177
>TP53-F270S NLLGRNSFEV	309	>TP53-F270S NLLGRNSSEV	461	152
>TP53-F270S NLLGRNSFEV	52	>TP53-F270S NLLGRNSSEV	174	122
>TP53-F270S NLLGRNSF	65	>TP53-F270S NLLGRNSS	10950	10885
>TP53-F270S NLLGRNSF	418	>TP53-F270S NLLGRNSS	24104	23686
>TP53-F270S NLLGRNSFEV	195	>TP53-F270S NLLGRNSSEV	482	287
>TP53-F270S SGNLLGRNSF	311	>TP53-F270S SGNLLGRNSS	23210	22899
>TP53-F270V FEVRVCACPC	370	>TP53-F270V VEVRVCACPC	3704	3334
>TP53-F270V SSGNLLGRNS	245	>TP53-F270V SSGNLLGRNS	11201	10956
>TP53-F270V SSGNLLGRNS	390	>TP53-F270V SSGNLLGRNS	18169	17779
>TP53-F270V SSGNLLGRNS	32	>TP53-F270V SSGNLLGRNS	828	796
>TP53-F270V NSFVEVRVCA	21	>TP53-F270V NSVEVRVCA	70	49
>TP53-F270V GRNSFEVR	405	>TP53-F270V GRNSVEVR	729	324
>TP53-F270V LGRNSFEVR	286	>TP53-F270V LGRNSVEVR	1440	1154
>TP53-F270V LLGRNSFEV	26	>TP53-F270V LLGRNSVEV	141	115
>TP53-F270V LLGRNSFEVR	137	>TP53-F270V LLGRNSVEVR	304	167
>TP53-F270V LLGRNSFEV	16	>TP53-F270V LLGRNSVEV	37	21
>TP53-F270V LLGRNSFEVR	62	>TP53-F270V LLGRNSVEVR	96	34
>TP53-F270V LLGRNSFEV	47	>TP53-F270V LLGRNSVEV	69	22
>TP53-F270V LLGRNSFEVR	214	>TP53-F270V LLGRNSVEVR	256	42
>TP53-F270V LLGRNSFEV	39	>TP53-F270V LLGRNSVEV	351	312

>TP53-F270V LLGRNSFEV	2	>TP53-F270V LLGRNSVEV	3	1
>TP53-F270V LLGRNSFEVR	3	>TP53-F270V LLGRNSVEVR	3	0
>TP53-F270V LLGRNSFEV	2	>TP53-F270V LLGRNSVEV	3	1
>TP53-F270V LLGRNSFEVR	7	>TP53-F270V LLGRNSVEVR	8	1
>TP53-F270V LLGRNSFEV	5	>TP53-F270V LLGRNSVEV	7	2
>TP53-F270V LLGRNSFEVR	9	>TP53-F270V LLGRNSVEVR	9	0
>TP53-F270V LLGRNSFEV	2	>TP53-F270V LLGRNSVEV	4	2
>TP53-F270V LLGRNSFEVR	6	>TP53-F270V LLGRNSVEVR	7	1
>TP53-F270V LLGRNSFEV	2	>TP53-F270V LLGRNSVEV	2	0
>TP53-F270V LLGRNSFEVR	2	>TP53-F270V LLGRNSVEVR	2	0
>TP53-F270V LLGRNSFEVR	429	>TP53-F270V LLGRNSVEVR	1287	858
>TP53-F270V LLGRNSFEV	425	>TP53-F270V LLGRNSVEV	1522	1097
>TP53-F270V NLLGRNSF	18188	>TP53-F270V NLLGRNSV	166	18022
>TP53-F270V NLLGRNSFEV	29	>TP53-F270V NLLGRNSVEV	97	68
>TP53-F270V NLLGRNSF	5015	>TP53-F270V NLLGRNSV	53	4962
>TP53-F270V NLLGRNSFEV	89	>TP53-F270V NLLGRNSVEV	240	151
>TP53-F270V NLLGRNSF	12898	>TP53-F270V NLLGRNSV	59	12839
>TP53-F270V NLLGRNSFEV	94	>TP53-F270V NLLGRNSVEV	69	25
>TP53-F270V NLLGRNSF	2963	>TP53-F270V NLLGRNSV	97	2866
>TP53-F270V NLLGRNSFEV	137	>TP53-F270V NLLGRNSVEV	344	207
>TP53-F270V NLLGRNSF	7094	>TP53-F270V NLLGRNSV	10	7084
>TP53-F270V NLLGRNSFEV	3	>TP53-F270V NLLGRNSVEV	5	2
>TP53-F270V NLLGRNSF	10562	>TP53-F270V NLLGRNSV	24	10538
>TP53-F270V NLLGRNSFEV	5	>TP53-F270V NLLGRNSVEV	9	4
>TP53-F270V NLLGRNSF	17245	>TP53-F270V NLLGRNSV	20	17225
>TP53-F270V NLLGRNSFEV	7	>TP53-F270V NLLGRNSVEV	10	3
>TP53-F270V NLLGRNSF	13213	>TP53-F270V NLLGRNSV	14	13199
>TP53-F270V NLLGRNSFEV	3	>TP53-F270V NLLGRNSVEV	6	3
>TP53-F270V NLLGRNSF	7305	>TP53-F270V NLLGRNSV	3	7302
>TP53-F270V NLLGRNSFEV	3	>TP53-F270V NLLGRNSVEV	3	0
>TP53-F270V NLLGRNSFEV	109	>TP53-F270V NLLGRNSVEV	295	186
>TP53-F270V NLLGRNSFEV	309	>TP53-F270V NLLGRNSVEV	426	117
>TP53-F270V NLLGRNSF	16647	>TP53-F270V NLLGRNSV	261	16386
>TP53-F270V NLLGRNSFEV	52	>TP53-F270V NLLGRNSVEV	167	115
>TP53-F270V NLLGRNSF	65	>TP53-F270V NLLGRNSV	1823	1758
>TP53-F270V NLLGRNSF	418	>TP53-F270V NLLGRNSV	10615	10197
>TP53-F270V NLLGRNSFEV	195	>TP53-F270V NLLGRNSVEV	467	272
>TP53-F270V SGNLLGRNSF	311	>TP53-F270V SGNLLGRNSV	5843	5532
>TP53-F270Y FEVRVCAC	822	>TP53-F270Y YEVRVCAC	488	334
>TP53-F270Y FEVRVCACPC	370	>TP53-F270Y YEVRVCACPC	430	60
>TP53-F270Y SSGNLLGRNS	2774	>TP53-F270Y SSGNLLGRNS	475	2299
>TP53-F270Y SSGNLLGRNS	2192	>TP53-F270Y SSGNLLGRNS	20	2172
>TP53-F270Y SSGNLLGRNS	245	>TP53-F270Y SSGNLLGRNS	194	51

>TP53-F270Y SSGNLLGRNS	390	>TP53-F270Y SSGNLLGRNS	599	209
>TP53-F270Y SSGNLLGRNS	32	>TP53-F270Y SSGNLLGRNS	23	9
>TP53-F270Y NSFVCA	21	>TP53-F270Y NSFVCA	67	46
>TP53-F270Y GRNSFEVR	405	>TP53-F270Y GRNSFEVR	583	178
>TP53-F270Y LGRNSFEVR	286	>TP53-F270Y LGRNSFEVR	341	55
>TP53-F270Y LLGRNSFEV	26	>TP53-F270Y LLGRNSFEV	34	8
>TP53-F270Y LLGRNSFEVR	137	>TP53-F270Y LLGRNSFEVR	127	10
>TP53-F270Y LLGRNSFEV	16	>TP53-F270Y LLGRNSFEV	13	3
>TP53-F270Y LLGRNSFEVR	62	>TP53-F270Y LLGRNSFEVR	49	13
>TP53-F270Y LLGRNSFEV	47	>TP53-F270Y LLGRNSFEV	55	8
>TP53-F270Y LLGRNSFEVR	214	>TP53-F270Y LLGRNSFEVR	202	12
>TP53-F270Y LLGRNSFEV	39	>TP53-F270Y LLGRNSFEV	246	207
>TP53-F270Y LLGRNSFEV	2	>TP53-F270Y LLGRNSFEV	2	0
>TP53-F270Y LLGRNSFEVR	3	>TP53-F270Y LLGRNSFEVR	3	0
>TP53-F270Y LLGRNSFEV	2	>TP53-F270Y LLGRNSFEV	2	0
>TP53-F270Y LLGRNSFEVR	7	>TP53-F270Y LLGRNSFEVR	7	0
>TP53-F270Y LLGRNSFEV	5	>TP53-F270Y LLGRNSFEV	7	2
>TP53-F270Y LLGRNSFEVR	9	>TP53-F270Y LLGRNSFEVR	11	2
>TP53-F270Y LLGRNSFEV	2	>TP53-F270Y LLGRNSFEV	2	0
>TP53-F270Y LLGRNSFEVR	6	>TP53-F270Y LLGRNSFEVR	6	0
>TP53-F270Y LLGRNSFEV	2	>TP53-F270Y LLGRNSFEV	2	0
>TP53-F270Y LLGRNSFEVR	2	>TP53-F270Y LLGRNSFEVR	2	0
>TP53-F270Y LLGRNSFEVR	429	>TP53-F270Y LLGRNSFEVR	707	278
>TP53-F270Y LLGRNSFEV	425	>TP53-F270Y LLGRNSFEV	1004	579
>TP53-F270Y NLLGRNSFEV	29	>TP53-F270Y NLLGRNSFEV	34	5
>TP53-F270Y NLLGRNSFEV	89	>TP53-F270Y NLLGRNSFEV	79	10
>TP53-F270Y NLLGRNSFEV	94	>TP53-F270Y NLLGRNSFEV	88	6
>TP53-F270Y NLLGRNSFEV	137	>TP53-F270Y NLLGRNSFEV	120	17
>TP53-F270Y NLLGRNSFEV	3	>TP53-F270Y NLLGRNSFEV	3	0
>TP53-F270Y NLLGRNSFEV	5	>TP53-F270Y NLLGRNSFEV	5	0
>TP53-F270Y NLLGRNSFEV	7	>TP53-F270Y NLLGRNSFEV	8	1
>TP53-F270Y NLLGRNSFEV	3	>TP53-F270Y NLLGRNSFEV	4	1
>TP53-F270Y NLLGRNSFEV	3	>TP53-F270Y NLLGRNSFEV	3	0
>TP53-F270Y NLLGRNSF	1873	>TP53-F270Y NLLGRNSF	242	1631
>TP53-F270Y NLLGRNSF	8048	>TP53-F270Y NLLGRNSF	250	7798
>TP53-F270Y NLLGRNSF	14420	>TP53-F270Y NLLGRNSF	340	14080
>TP53-F270Y NLLGRNSFEV	109	>TP53-F270Y NLLGRNSFEV	154	45
>TP53-F270Y NLLGRNSFEV	309	>TP53-F270Y NLLGRNSFEV	381	72
>TP53-F270Y NLLGRNSFEV	52	>TP53-F270Y NLLGRNSFEV	81	29
>TP53-F270Y NLLGRNSF	65	>TP53-F270Y NLLGRNSF	38	27
>TP53-F270Y NLLGRNSF	418	>TP53-F270Y NLLGRNSF	1879	1461
>TP53-F270Y NLLGRNSFEV	195	>TP53-F270Y NLLGRNSFEV	271	76
>TP53-F270Y GNLLGRNSF	19183	>TP53-F270Y GNLLGRNSF	426	18757



>TP53-F270Y GNLLGRNSF	525	>TP53-F270Y GNLLGRNSY	337	188
>TP53-F270Y SGNLLGRNSF	311	>TP53-F270Y SGNLLGRNSY	251	60
>TP53-F328S FTLQIRGRER	1535	>TP53-F328S STLQIRGRER	207	1328
>TP53-F328S FTLQIRGRERI	169	>TP53-F328S STLQIRGRERI	1024	855
>TP53-F328S FTLQIRGRERI	289	>TP53-F328S STLQIRGRERI	153	136
>TP53-F328S FTLQIRGR	873	>TP53-F328S STLQIRGR	103	770
>TP53-F328S FTLQIRGRER	50	>TP53-F328S STLQIRGRER	26	24
>TP53-F328S FTLQIRGRERI	1480	>TP53-F328S STLQIRGRERI	197	1283
>TP53-F328S FTLQIRGR	174	>TP53-F328S STLQIRGR	501	327
>TP53-F328S FTLQIRGRER	431	>TP53-F328S STLQIRGRER	1115	684
>TP53-F328S FTLQIRGR	25	>TP53-F328S STLQIRGR	48	23
>TP53-F328S FTLQIRGRER	86	>TP53-F328S STLQIRGRER	161	75
>TP53-F328S FTLQIRGRERI	8	>TP53-F328S STLQIRGRERI	13	5
>TP53-F328S FTLQIRGRERI	289	>TP53-F328S STLQIRGRERI	1845	1556
>TP53-F328S FTLQIRGRERI	8	>TP53-F328S STLQIRGRERI	6	2
>TP53-F328S FTLQIRGR	3625	>TP53-F328S STLQIRGR	315	3310
>TP53-F328S FTLQIRGRER	4642	>TP53-F328S STLQIRGRER	373	4269
>TP53-F328S FTLQIRGR	422	>TP53-F328S STLQIRGR	324	98
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>TP53-F328S YFTLQIRGR	129	>TP53-F328S YSTLQIRGR	1285	1156
>TP53-F328S YFTLQIRGREF	126	>TP53-F328S YSTLQIRGREF	1153	1027
>TP53-F328S YFTLQIRGR	788	>TP53-F328S YSTLQIRGR	141	647
>TP53-F328S YFTLQIRGREF	1008	>TP53-F328S YSTLQIRGREF	173	835
>TP53-F328S YFTLQIRGR	152	>TP53-F328S YSTLQIRGR	1915	1763
>TP53-F328S PKKKPLDGEY	78	>TP53-F328S PKKKPLDGEY	14399	14321
>TP53-F328S EYFTLQIR	335	>TP53-F328S EYSTLQIR	2092	1757
>TP53-F328S EYFTLQIR	31	>TP53-F328S EYSTLQIR	98	67
>TP53-F328S EYFTLQIRGR	315	>TP53-F328S EYSTLQIRGR	601	286
>TP53-F328S EYFTLQIR	26	>TP53-F328S EYSTLQIR	89	63
>TP53-F328S EYFTLQIR	19	>TP53-F328S EYSTLQIR	39	20
>TP53-F328S EYFTLQIRGR	20	>TP53-F328S EYSTLQIRGR	37	17
>TP53-F328S GEYFTLQI	102	>TP53-F328S GEYSTLQI	511	409
>TP53-F328S GEYFTLQI	44	>TP53-F328S GEYSTLQI	49	5
>TP53-F328S GEYFTLQI	43	>TP53-F328S GEYSTLQI	68	25
>TP53-F328S GEYFTLQI	539	>TP53-F328S GEYSTLQI	242	297
>TP53-F328S GEYFTLQI	11	>TP53-F328S GEYSTLQI	20	9
>TP53-F328S GEYFTLQIR	190	>TP53-F328S GEYSTLQIR	108	82
>TP53-F328S GEYFTLQIRGI	512	>TP53-F328S GEYSTLQIRGI	305	207
>TP53-F328S LDGEYFTLQI	87	>TP53-F328S LDGEYSTLQI	119	32
>TP53-F328S LDGEYFTL	344	>TP53-F328S LDGEYSTL	1237	893
>TP53-F328S LDGEYFTLQI	94	>TP53-F328S LDGEYSTLQI	96	2
>TP53-F328S PLDGEYFTL	249	>TP53-F328S PLDGEYSTL	914	665
>TP53-F328S PLDGEYFTL	22	>TP53-F328S PLDGEYSTL	101	79

>TP53-F328S PLDGEYFTLQ	68	>TP53-F328S PLDGEYSTLQ	176	108
>TP53-F328S PLDGEYFTL	224	>TP53-F328S PLDGEYSTL	1379	1155
>TP53-F328S PLDGEYFTL	22	>TP53-F328S PLDGEYSTL	222	200
>TP53-F328S PLDGEYFTLQ	140	>TP53-F328S PLDGEYSTLQ	337	197
>TP53-F328S PLDGEYFTL	23	>TP53-F328S PLDGEYSTL	595	572
>TP53-F328S PLDGEYFTLQ	158	>TP53-F328S PLDGEYSTLQ	455	297
>TP53-F328S PLDGEYFTL	11	>TP53-F328S PLDGEYSTL	21	10
>TP53-F328S PLDGEYFTLQ	111	>TP53-F328S PLDGEYSTLQ	147	36
>TP53-F328S KPLDGEYF	296	>TP53-F328S KPLDGEYS	33729	33433
>TP53-F328S KPLDGEYFTL	212	>TP53-F328S KPLDGEYSTL	1009	797
>TP53-F328S KPLDGEYFTL	526	>TP53-F328S KPLDGEYSTL	356	170
>TP53-F328S KPLDGEYFTL	321	>TP53-F328S KPLDGEYSTL	377	56
>TP53-F328S KPLDGEYF	287	>TP53-F328S KPLDGEYS	22862	22575
>TP53-F328S KPLDGEYF	195	>TP53-F328S KPLDGEYS	20914	20719
>TP53-F328S KPLDGEYFTL	306	>TP53-F328S KPLDGEYSTL	464	158
>TP53-F328S KKPLDGEYF	31	>TP53-F328S KKPLDGEYS	13321	13290
>TP53-F328S KKPLDGEYFT	611	>TP53-F328S KKPLDGEYST	219	392
>TP53-F328S KKKPLDGEYF	14	>TP53-F328S KKKPLDGEYS	5136	5122
>TP53-F328V FTLQIRGRERI	169	>TP53-F328V VTLQIRGRERI	1268	1099
>TP53-F328V FTLQIRGRERI	289	>TP53-F328V VTLQIRGRERI	838	549
>TP53-F328V FTLQIRGR	873	>TP53-F328V VTLQIRGR	179	694
>TP53-F328V FTLQIRGRER	50	>TP53-F328V VTLQIRGRER	49	1
>TP53-F328V FTLQIRGR	174	>TP53-F328V VTLQIRGR	401	227
>TP53-F328V FTLQIRGRER	431	>TP53-F328V VTLQIRGRER	1521	1090
>TP53-F328V FTLQIRGR	25	>TP53-F328V VTLQIRGR	240	215
>TP53-F328V FTLQIRGRER	86	>TP53-F328V VTLQIRGRER	1322	1236
>TP53-F328V FTLQIRGRERI	8	>TP53-F328V VTLQIRGRERI	7	1
>TP53-F328V FTLQIRGRERI	1464	>TP53-F328V VTLQIRGRERI	471	993
>TP53-F328V FTLQIRGRERI	289	>TP53-F328V VTLQIRGRERI	281	8
>TP53-F328V FTLQIRGRERI	8	>TP53-F328V VTLQIRGRERI	8	0
>TP53-F328V FTLQIRGR	422	>TP53-F328V VTLQIRGR	577	155
>TP53-F328V YFTLQIRGREI	337	>TP53-F328V YVTLQIRGREI	899	562
>TP53-F328V YFTLQIRGR	129	>TP53-F328V YVTLQIRGR	688	559
>TP53-F328V YFTLQIRGREI	126	>TP53-F328V YVTLQIRGREI	566	440
>TP53-F328V YFTLQIRGR	788	>TP53-F328V YVTLQIRGR	65	723
>TP53-F328V YFTLQIRGREI	1008	>TP53-F328V YVTLQIRGREI	78	930
>TP53-F328V YFTLQIRGR	152	>TP53-F328V YVTLQIRGR	853	701
>TP53-F328V PKKKPLDGEY	78	>TP53-F328V PKKKPLDGEY	3409	3331
>TP53-F328V EYFTLQIR	335	>TP53-F328V EYVTLQIR	2082	1747
>TP53-F328V EYFTLQIR	31	>TP53-F328V EYVTLQIR	116	85
>TP53-F328V EYFTLQIRGR	315	>TP53-F328V EYVTLQIRGR	868	553
>TP53-F328V EYFTLQIR	26	>TP53-F328V EYVTLQIR	87	61
>TP53-F328V EYFTLQIR	19	>TP53-F328V EYVTLQIR	29	10

>TP53-F328V EYFTLQIRGR	20	>TP53-F328V EYVTLQIRGR	27	7
>TP53-F328V GEYFTLQI	102	>TP53-F328V GEYVTLQI	118	16
>TP53-F328V GEYFTLQI	44	>TP53-F328V GEYVTLQI	68	24
>TP53-F328V GEYFTLQI	43	>TP53-F328V GEYVTLQI	55	12
>TP53-F328V GEYFTLQI	539	>TP53-F328V GEYVTLQI	317	222
>TP53-F328V GEYFTLQI	11	>TP53-F328V GEYVTLQI	20	9
>TP53-F328V GEYFTLQIR	190	>TP53-F328V GEYVTLQIR	119	71
>TP53-F328V GEYFTLQIRGI	512	>TP53-F328V GEYVTLQIRG	343	169
>TP53-F328V LDGEYFTLQI	87	>TP53-F328V LDGEYVTLQI	82	5
>TP53-F328V LDGEYFTL	344	>TP53-F328V LDGEYVTL	1070	726
>TP53-F328V LDGEYFTLQI	94	>TP53-F328V LDGEYVTLQI	126	32
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>TP53-F328V PLDGEYFTL	22	>TP53-F328V PLDGEYVTL	72	50
>TP53-F328V PLDGEYFTLQ	68	>TP53-F328V PLDGEYVTLQ	91	23
>TP53-F328V PLDGEYFTL	224	>TP53-F328V PLDGEYVTL	1046	822
>TP53-F328V PLDGEYFTL	22	>TP53-F328V PLDGEYVTL	89	67
>TP53-F328V PLDGEYFTLQ	140	>TP53-F328V PLDGEYVTLQ	160	20
>TP53-F328V PLDGEYFTL	23	>TP53-F328V PLDGEYVTL	380	357
>TP53-F328V PLDGEYFTLQ	158	>TP53-F328V PLDGEYVTLQ	374	216
>TP53-F328V PLDGEYFTL	11	>TP53-F328V PLDGEYVTL	21	10
>TP53-F328V PLDGEYFTLQ	111	>TP53-F328V PLDGEYVTLQ	172	61
>TP53-F328V KPLDGEYF	296	>TP53-F328V KPLDGEYV	1558	1262
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>TP53-F328V KPLDGEYFTL	321	>TP53-F328V KPLDGEYVTL	191	130
>TP53-F328V KPLDGEYF	287	>TP53-F328V KPLDGEYV	4345	4058
>TP53-F328V KPLDGEYF	195	>TP53-F328V KPLDGEYV	9103	8908
>TP53-F328V KPLDGEYFTL	306	>TP53-F328V KPLDGEYVTL	217	89
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>TP53-F328V KKPLDGEYFT	611	>TP53-F328V KKPLDGEYVT	235	376
>TP53-F328V KKKPLDGEYF	14	>TP53-F328V KKKPLDGEYV	552	538
>TP53-F338I- FEMFRELNEA	301	>TP53-F338I- IEMFRELNEA	590	289
>TP53-F338I- FEMFRELNEA	394	>TP53-F338I- IEMFRELNEA	3308	2914
>TP53-F338I- FEMFRELNEA	253	>TP53-F338I- IEMFRELNEA	254	1
>TP53-F338I- FEMFRELNEA	94	>TP53-F338I- IEMFRELNEA	2485	2391
>TP53-F338I- FEMFRELNEA	18	>TP53-F338I- IEMFRELNEA	24	6
>TP53-F338I- FEMFRELNEA	47	>TP53-F338I- IEMFRELNEA	126	79
>TP53-F338I- FEMFRELNEA	29	>TP53-F338I- IEMFRELNEA	35	6
>TP53-F338I- RFEMFREL	253	>TP53-F338I- RIEMFREL	16988	16735
>TP53-F338I- RFEMFREL	308	>TP53-F338I- RIEMFREL	21137	20829
>TP53-F338I- FTLQIRGRERI	14487	>TP53-F338I- FTLQIRGRERI	485	14002
>TP53-F338I- FTLQIRGRERI	169	>TP53-F338I- FTLQIRGRERI	3619	3450
>TP53-F338I- FTLQIRGRERI	289	>TP53-F338I- FTLQIRGRERI	7634	7345
>TP53-F338I- FTLQIRGRERI	8875	>TP53-F338I- FTLQIRGRERI	42	8833

>TP53-F338I-FTLQIRGRERI	7487	>TP53-F338I-FTLQIRGRERI	121	7366
>TP53-F338I-FTLQIRGRERI	8	>TP53-F338I-FTLQIRGRERI	478	470
>TP53-F338I-FTLQIRGRERI	289	>TP53-F338I-FTLQIRGRERI	3217	2928
>TP53-F338I-FTLQIRGRERI	8	>TP53-F338I-FTLQIRGRERI	75	67
>TP53-F338I-FTLQIRGRERI	7880	>TP53-F338I-FTLQIRGRERI	29	7851
>TP53-F338I-ERFEMFREL	1246	>TP53-F338I-ERIEMFREL	400	846
>TP53-F338I-ERFEMFREL	185	>TP53-F338I-ERIEMFREL	842	657
>TP53-F338I-ERFEMFREL	421	>TP53-F338I-ERIEMFREL	586	165
>TP53-F338I-ERFEMFREL	172	>TP53-F338I-ERIEMFREL	202	30
>TP53-F338I-ERFEMFREL	10	>TP53-F338I-ERIEMFREL	18	8
>TP53-F338I-RERFEMFR	166	>TP53-F338I-RERIEMFR	211	45
>TP53-F338I-RERFEMFREL	48	>TP53-F338I-RERIEMFREL	90	42
>TP53-F338I-RERFEMFREL	142	>TP53-F338I-RERIEMFREL	328	186
>TP53-F338I-RERFEMFREL	29	>TP53-F338I-RERIEMFREL	41	12
>TP53-F338I-RERFEMFREL	703	>TP53-F338I-RERIEMFRELI	411	292
>TP53-F338I-RERFEMFREL	1449	>TP53-F338I-RERIEMFREL	393	1056
>TP53-F338I-RERFEMFR	144	>TP53-F338I-RERIEMFR	141	3
>TP53-F338I-GRERFEMFRI	71	>TP53-F338I-GRERIEMFRE	93	22
>TP53-F338I-GRERFEMFRI	11	>TP53-F338I-GRERIEMFRE	11	0
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>TP53-F338I-RGRERFEMFI	35	>TP53-F338I-RGRERIEMFR	46	11
>TP53-F338I-RGRERFEMFI	39	>TP53-F338I-RGRERIEMFR	48	9
>TP53-F338I-RGRERFEMF	226	>TP53-F338I-RGRERIEMF	448	222
>TP53-F338I-RGRERFEMF	118	>TP53-F338I-RGRERIEMF	380	262
>TP53-F338I-RGRERFEM	226	>TP53-F338I-RGRERIEM	197	29
>TP53-F338I-RGRERFEMF	85	>TP53-F338I-RGRERIEMF	29	56
>TP53-F338I-RGRERFEMF	108	>TP53-F338I-RGRERIEMF	352	244
>TP53-F338I-RGRERFEMFI	95	>TP53-F338I-RGRERIEMFR	168	73
>TP53-F338I-IRGRERFEMF	126	>TP53-F338I-IRGRERIEMF	143	17
>TP53-F338I-IRGRERFEMF	187	>TP53-F338I-IRGRERIEMFI	242	55
>TP53-F338I-QIRGRERFEM	435	>TP53-F338I-QIRGRERIEM	349	86
>TP53-F338I-QIRGRERFEM	524	>TP53-F338I-QIRGRERIEM	352	172
>TP53-F338I-LQIRGRERF	2043	>TP53-F338I-LQIRGRERI	451	1592
>TP53-F338I-LQIRGRERFEI	192	>TP53-F338I-LQIRGRERIEI	759	567
>TP53-F338I-LQIRGRERF	54	>TP53-F338I-LQIRGRERI	680	626
>TP53-F338I-LQIRGRERFEI	105	>TP53-F338I-LQIRGRERIEI	106	1
>TP53-F338I-LQIRGRERF	12	>TP53-F338I-LQIRGRERI	477	465
>TP53-F338I-LQIRGRERFEI	34	>TP53-F338I-LQIRGRERIEI	26	8
>TP53-F338I-TLQIRGRERF	15104	>TP53-F338I-TLQIRGRERI	313	14791
>TP53-F341C FRELNEALEL	379	>TP53-F341C CRELNEALEL	307	72
>TP53-F341C FRELNEAL	31	>TP53-F341C CRELNEAL	1012	981
>TP53-F341C FRELNEALEL	65	>TP53-F341C CRELNEALEL	1922	1857
>TP53-F341C FRELNEALEL	471	>TP53-F341C CRELNEALEL	410	61

>TP53-F341C MFRELNEALE	200	>TP53-F341C MCRELNEALE	19090	18890
>TP53-F341C MFRELNEA	62	>TP53-F341C MCRELNEA	251	189
>TP53-F341C MFRELNEALE	217	>TP53-F341C MCRELNEALE	766	549
>TP53-F341C MFRELNEAL	152	>TP53-F341C MCRELNEAL	24419	24267
>TP53-F341C MFRELNEALE	467	>TP53-F341C MCRELNEALE	28240	27773
>TP53-F341C EMFRELNEA	133	>TP53-F341C EMCRELNEA	2118	1985
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>TP53-F341C EMFRELNEA	161	>TP53-F341C EMCRELNEA	1897	1736
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>TP53-F341C EMFRELNEAL	169	>TP53-F341C EMCRELNEAL	2802	2633
>TP53-F341C EMFRELNEAL	431	>TP53-F341C EMCRELNEAL	7324	6893
>TP53-F341C EMFRELNEAL	431	>TP53-F341C EMCRELNEAL	3517	3086
>TP53-F341C EMFRELNEA	119	>TP53-F341C EMCRELNEA	1126	1007
>TP53-F341C EMFRELNEAL	72	>TP53-F341C EMCRELNEAL	545	473
>TP53-F341C EMFRELNEAL	2179	>TP53-F341C EMCRELNEAL	247	1932
>TP53-F341C EMFRELNEAL	272	>TP53-F341C EMCRELNEAL	2813	2541
>TP53-F341C EMFRELNEAL	291	>TP53-F341C EMCRELNEAL	4068	3777
>TP53-F341C EMFRELNEAL	98	>TP53-F341C EMCRELNEAL	2239	2141
>TP53-F341C EMFRELNEAL	495	>TP53-F341C EMCRELNEAL	2003	1508
>TP53-F341C FEMFRELNEA	301	>TP53-F341C FEMCRELNEA	549	248
>TP53-F341C FEMFRELNEA	394	>TP53-F341C FEMCRELNEA	459	65
>TP53-F341C FEMFRELNEA	525	>TP53-F341C FEMCRELNEA	276	249
>TP53-F341C FEMFRELNEA	558	>TP53-F341C FEMCRELNEA	301	257
>TP53-F341C FEMFRELNEA	724	>TP53-F341C FEMCRELNEA	292	432
>TP53-F341C FEMFRELNEA	253	>TP53-F341C FEMCRELNEA	352	99
>TP53-F341C FEMFRELNEA	94	>TP53-F341C FEMCRELNEA	78	16
>TP53-F341C FEMFRELNEA	18	>TP53-F341C FEMCRELNEA	21	3
>TP53-F341C FEMFRELNEA	47	>TP53-F341C FEMCRELNEA	79	32
>TP53-F341C FEMFRELNEA	1314	>TP53-F341C FEMCRELNEA	461	853
>TP53-F341C FEMFRELNEA	29	>TP53-F341C FEMCRELNEA	23	6
>TP53-F341C RFEMFREL	253	>TP53-F341C RFEMCREL	732	479
>TP53-F341C RFEMFREL	308	>TP53-F341C RFEMCREL	413	105
>TP53-F341C ERFEMFREL	185	>TP53-F341C ERFEMCREL	1929	1744
>TP53-F341C ERFEMFREL	421	>TP53-F341C ERFEMCREL	1620	1199
>TP53-F341C ERFEMFREL	172	>TP53-F341C ERFEMCREL	545	373
>TP53-F341C ERFEMFREL	10	>TP53-F341C ERFEMCREL	61	51
>TP53-F341C RERFEMFR	166	>TP53-F341C RERFEMCR	1681	1515
>TP53-F341C RERFEMFREL	48	>TP53-F341C RERFEMCREL	77	29
>TP53-F341C RERFEMFREL	142	>TP53-F341C RERFEMCREL	632	490
>TP53-F341C RERFEMFREL	29	>TP53-F341C RERFEMCREL	17	12
>TP53-F341C RERFEMFR	144	>TP53-F341C RERFEMCR	422	278

>TP53-F341C GRERFEMFRI	71	>TP53-F341C GRERFEMCRI	114	43
>TP53-F341C GRERFEMFRI	11	>TP53-F341C GRERFEMCRI	21	10
>TP53-F341C RGRERFEMFI	35	>TP53-F341C RGRERFEMCI	314	279
>TP53-F341C RGRERFEMFI	39	>TP53-F341C RGRERFEMCI	120	81
>TP53-F341C RGRERFEMF	226	>TP53-F341C RGRERFEMC	19617	19391
>TP53-F341C RGRERFEMF	118	>TP53-F341C RGRERFEMC	20730	20612
>TP53-F341C RGRERFEMF	85	>TP53-F341C RGRERFEMC	24289	24204
>TP53-F341C RGRERFEMF	108	>TP53-F341C RGRERFEMC	14710	14602
>TP53-F341C RGRERFEMFI	95	>TP53-F341C RGRERFEMCI	344	249
>TP53-F341C IRGRERFEMF	126	>TP53-F341C IRGRERFEMC	11346	11220
>TP53-F341C IRGRERFEMF	187	>TP53-F341C IRGRERFEMC	869	682
>TP53-F54L-\ WFTEDPGPD	8800	>TP53-F54L-r WLTEDPGPD	172	8628
>TP53-F54L-\ WFTEDPGPD	14633	>TP53-F54L-r WLTEDPGPD	41	14592
>TP53-F54L-\ WFTEDPGPD	12218	>TP53-F54L-r WLTEDPGPD	346	11872
>TP53-F54L-\ WFTEDPGPD	11682	>TP53-F54L-r WLTEDPGPD	20	11662
>TP53-F54L-\ WFTEDPGPD	19464	>TP53-F54L-r WLTEDPGPD	108	19356
>TP53-F54L-\ WFTEDPGPD	12821	>TP53-F54L-r WLTEDPGPD	43	12778
>TP53-F54L-\ WFTEDPGPD	19250	>TP53-F54L-r WLTEDPGPD	189	19061
>TP53-F54L-\ WFTEDPGPD	16580	>TP53-F54L-r WLTEDPGPD	12	16568
>TP53-F54L-\ MLSPDDIEQ\	6841	>TP53-F54L-r MLSPDDIEQ\	39	6802
>TP53-F54L-\ MLSPDDIEQ\	107	>TP53-F54L-r MLSPDDIEQ\	4	103
>TP53-F54L-\ MLSPDDIEQ\	4004	>TP53-F54L-r MLSPDDIEQ\	37	3967
>TP53-F54L-\ MLSPDDIEQ\	1389	>TP53-F54L-r MLSPDDIEQ\	185	1204
>TP53-F54L-\ MLSPDDIEQ\	2338	>TP53-F54L-r MLSPDDIEQ\	29	2309
>TP53-F54L-\ MLSPDDIEQ\	11809	>TP53-F54L-r MLSPDDIEQ\	78	11731
>TP53-F54L-\ MLSPDDIEQ\	6240	>TP53-F54L-r MLSPDDIEQ\	27	6213
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>TP53-G108I KTYQGSYGF	4	>TP53-G108I KTYQGSYDF	4	0
>TP53-G108I KTYQGSYGF	21	>TP53-G108I KTYQGSYDFR	18	3
>TP53-G108I KTYQGSYGF	407	>TP53-G108I KTYQGSYDFR	500	93
>TP53-G108I KTYQGSYGF	57	>TP53-G108I KTYQGSYDFR	29	28
>TP53-G108I KTYQGSYGF	402	>TP53-G108I KTYQGSYDFR	1436	1034
>TP53-G108I KTYQGSYGF	55	>TP53-G108I KTYQGSYDF	98	43
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>TP53-G108I KTYQGSYGF	249	>TP53-G108I KTYQGSYD	910	661
>TP53-G108I KTYQGSYGF	2	>TP53-G108I KTYQGSYDF	3	1
>TP53-G108I KTYQGSYGF	465	>TP53-G108I KTYQGSYDFR	1279	814
>TP53-G108I KTYQGSYGF	3	>TP53-G108I KTYQGSYDFR	3	0
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>TP53-G108I KTYQGSYGF	439	>TP53-G108I KTYQGSYDFR	359	80
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>TP53-G108I KTYQGSYGF	35	>TP53-G108I KTYQGSYDFR	31	4
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>TP53-G108S GFRLGFLHS	921	>TP53-G108S SFRLGFLHS	150	771
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>TP53-G108S YGFRLGFL	486	>TP53-G108S YSFRLGFL	188	298
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>TP53-G108S GSYGFRLGFL	621	>TP53-G108S GSYSFRLGFL	416	205
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>TP53-G108 $\S$ GSYGFRLGF	222	>TP53-G108 $\S$ GSYSFRLGF	527	305
>TP53-G108 $\S$ GSYGFRLGF	264	>TP53-G108 $\S$ GSYSFRLGF	226	38
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>TP53-G108 $\S$ GSYGFRLGFL	70	>TP53-G108 $\S$ GSYSFRLGFL	58	12
>TP53-G108 $\S$ GSYGFRLGFL	63	>TP53-G108 $\S$ GSYSFRLGFL	31	32
>TP53-G108 $\S$ GSYGFRLGFL	651	>TP53-G108 $\S$ GSYSFRLGFL	411	240
>TP53-G108 $\S$ GSYGFRLGFL	1593	>TP53-G108 $\S$ GSYSFRLGFL	491	1102
>TP53-G108 $\S$ QGSYGFRLGF	1171	>TP53-G108 $\S$ QGSYSFRLGF	313	858
>TP53-G108 $\S$ QGSYGFRLGF	278	>TP53-G108 $\S$ QGSYSFRLGF	195	83
>TP53-G108 $\S$ YQGSYGFRL	30	>TP53-G108 $\S$ YQGSYSFRL	12	18
>TP53-G108 $\S$ YQGSYGFRL	36	>TP53-G108 $\S$ YQGSYSFRL	13	23
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>TP53-G108 $\S$ YQGSYGFRLC	189	>TP53-G108 $\S$ YQGSYSFRLG	139	50
>TP53-G108 $\S$ YQGSYGFRL	32	>TP53-G108 $\S$ YQGSYSFRL	28	4
>TP53-G108 $\S$ YQGSYGFRL	167	>TP53-G108 $\S$ YQGSYSFRL	50	117
>TP53-G108 $\S$ YQGSYGFRL	632	>TP53-G108 $\S$ YQGSYSFRL	286	346
>TP53-G108 $\S$ YQGSYGFRL	993	>TP53-G108 $\S$ YQGSYSFRL	134	859
>TP53-G108 $\S$ YQGSYGFRL	558	>TP53-G108 $\S$ YQGSYSFRL	316	242
>TP53-G108 $\S$ YQGSYGFRL	54	>TP53-G108 $\S$ YQGSYSFR	28	26
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>TP53-G108 $\S$ YQGSYGFRL	211	>TP53-G108 $\S$ YQGSYSFRL	142	69
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>TP53-G108 $\S$ YQGSYGFRLC	158	>TP53-G108 $\S$ YQGSYSFRLG	210	52
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>TP53-G108 $\S$ TYQGSYGF	93	>TP53-G108 $\S$ TYQGSYSF	41	52
>TP53-G108 $\S$ TYQGSYGFRL	163	>TP53-G108 $\S$ TYQGSYSFRL	159	4
>TP53-G108 $\S$ TYQGSYGF	5	>TP53-G108 $\S$ TYQGSYSF	4	1
>TP53-G108 $\S$ TYQGSYGFRL	255	>TP53-G108 $\S$ TYQGSYSFR	286	31
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>TP53-G108 $\S$ TYQGSYGFRL	25	>TP53-G108 $\S$ TYQGSYSFR	15	10
>TP53-G108 $\S$ TYQGSYGFRL	154	>TP53-G108 $\S$ TYQGSYSFR	50	104
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>TP53-G108KTYQGSYGFR	439	>TP53-G108KTYQGSYSFR	364	75
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>TP53-G108KTYQGSYGFR	28	>TP53-G108KTYQGSYSFR	22	6
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>TP53-G108KTYQGSYGFR	370	>TP53-G108KTYQGSYSFR	365	5
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>TP53-G108S QKTYQGSYGI	814	>TP53-G108S QKTYQGSYSF	354	460
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>TP53-G108S SQKTYQGSYC	36	>TP53-G108S SQKTYQGSYS	28	8
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>TP53-G112I FRLGFLHSG	306	>TP53-G112I FRLDLHSG	698	392
>TP53-G112I FRLGFLHSGT	412	>TP53-G112I FRLDLHSGT	478	66
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>TP53-G112I SYGFRLGFL	95	>TP53-G112I SYGFRLDFL	162	67
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>TP53-G112I SYGFRLGFL	319	>TP53-G112I SYGFRLDFL	288	31
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>TP53-G112I SYGFRLGF	338	>TP53-G112I SYGFRLDF	215	123
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>TP53-G112[QGSYGFRLGF	278	>TP53-G112[QGSYGFRLDF	413	135
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>TP53-G112[SYGFRLGF	356	>TP53-G112[SYGFRLSF	118	238
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>TP53-G112[SYGFRLGFL	319	>TP53-G112[SYGFRLSFL	126	193
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>TP53-G112\$SYGFRLGF	338	>TP53-G112\$SYGFRLSF	154	184
>TP53-G112\$SYGFRLGFL	139	>TP53-G112\$SYGFRLSFL	117	22
>TP53-G112\$SYGFRLGFL	222	>TP53-G112\$SYGFRLSFL	283	61
>TP53-G112\$GSYGFRLGF	78	>TP53-G112\$GSYGFRLSF	116	38
>TP53-G112\$GSYGFRLGFL	227	>TP53-G112\$GSYGFRLSFL	251	24
>TP53-G112\$GSYGFRLGFL	237	>TP53-G112\$GSYGFRLSFL	88	149
>TP53-G112\$GSYGFRLGFL	549	>TP53-G112\$GSYGFRLSFL	328	221
>TP53-G112\$GSYGFRLGFL	491	>TP53-G112\$GSYGFRLSFL	273	218
>TP53-G112\$GSYGFRLGFL	98	>TP53-G112\$GSYGFRLSFL	66	32
>TP53-G112\$GSYGFRLGF	631	>TP53-G112\$GSYGFRLSF	443	188
>TP53-G112\$GSYGFRLGF	61	>TP53-G112\$GSYGFRLSF	21	40
>TP53-G112\$GSYGFRLGF	365	>TP53-G112\$GSYGFRLSF	98	267
>TP53-G112\$GSYGFRLGF	111	>TP53-G112\$GSYGFRLSF	27	84
>TP53-G112\$GSYGFRLGF	4	>TP53-G112\$GSYGFRLSF	4	0
>TP53-G112\$GSYGFRLGFL	31	>TP53-G112\$GSYGFRLSFL	12	19
>TP53-G112\$GSYGFRLGF	222	>TP53-G112\$GSYGFRLSF	124	98
>TP53-G112\$GSYGFRLGF	264	>TP53-G112\$GSYGFRLSF	75	189
>TP53-G112\$GSYGFRLGFL	802	>TP53-G112\$GSYGFRLSFL	370	432
>TP53-G112\$GSYGFRLGF	44	>TP53-G112\$GSYGFRLSF	15	29
>TP53-G112\$GSYGFRLGFL	70	>TP53-G112\$GSYGFRLSFL	94	24
>TP53-G112\$GSYGFRLGFL	63	>TP53-G112\$GSYGFRLSFL	53	10
>TP53-G112\$GSYGFRLGFL	651	>TP53-G112\$GSYGFRLSFL	487	164
>TP53-G112\$GSYGFRLGFL	1593	>TP53-G112\$GSYGFRLSFL	347	1246
>TP53-G112\$QGSYGFRLGF	1171	>TP53-G112\$QGSYGFRLSF	315	856
>TP53-G112\$QGSYGFRLGF	278	>TP53-G112\$QGSYGFRLSF	144	134
>TP53-G112\$YQGSYGFRLC	189	>TP53-G112\$YQGSYGFRLS	199	10
>TP53-G112\$YQGSYGFRLC	32	>TP53-G112\$YQGSYGFRLS	25	7
>TP53-G112\$YQGSYGFRLC	158	>TP53-G112\$YQGSYGFRLS	155	3
>TP53-G112\$YQGSYGFRLC	6	>TP53-G112\$YQGSYGFRLS	3	3
>TP53-G117\$GTAKSVTCTY	682	>TP53-G117\$GTAKSVTCTY	239	443
>TP53-G117\$GTAKSVTCTY	466	>TP53-G117\$GTAKSVTCTY	2279	1813
>TP53-G117\$GTAKSVTCTY	518	>TP53-G117\$GTAKSVTCTY	18	500
>TP53-G117\$GTAKSVTCTY	775	>TP53-G117\$GTAKSVTCTY	72	703
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>TP53-G117\$GTAKSVTCTY	3961	>TP53-G117\$GTAKSVTCTY	44	3917
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>TP53-G117\$GTAKSVTCTY	1301	>TP53-G117\$GTAKSVTCTY	82	1219
>TP53-G117\$GTAKSVTCTY	7872	>TP53-G117\$GTAKSVTCTY	164	7708
>TP53-G117\$GTAKSVTC	17874	>TP53-G117\$GTAKSVTC	491	17383
>TP53-G117\$GTAKSVTCT	14816	>TP53-G117\$GTAKSVTCT	238	14578
>TP53-G117\$GTAKSVTCTY	9136	>TP53-G117\$GTAKSVTCTY	72	9064

>TP53-G117E GTAKSVTCTY	71	>TP53-G117E ETAKSVTCTY	202	131
>TP53-G117E GTAKSVTCTY	461	>TP53-G117E ETAKSVTCTY	606	145
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>TP53-G117E SGTAKSVTCT	19036	>TP53-G117E SETAKSVTCT	360	18676
>TP53-G117E SGTAKSVTCT	19769	>TP53-G117E SETAKSVTCT	141	19628
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>TP53-G117E SGTAKSVT	40087	>TP53-G117E SETAKSVT	169	39918
>TP53-G117E SGTAKSVTCT	374	>TP53-G117E SETAKSVTCT	1158	784
>TP53-G117E FLHSGTAKSV	122	>TP53-G117E FLHSETAKSV	100	22
>TP53-G117E FLHSGTAKS	179	>TP53-G117E FLHSETAKS	76	103
>TP53-G117E FLHSGTAKSV	13	>TP53-G117E FLHSETAKSV	16	3
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>TP53-G117E FLHSGTAKS	26	>TP53-G117E FLHSETAKS	67	41
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>TP53-G117E FLHSGTAKSV	504	>TP53-G117E FLHSETAKSV	371	133
>TP53-G117E FLHSGTAKS	188	>TP53-G117E FLHSETAKS	492	304
>TP53-G117E FLHSGTAKSV	2	>TP53-G117E FLHSETAKSV	2	0
>TP53-G117E FLHSGTAKSV	116	>TP53-G117E FLHSETAKSV	211	95
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>TP53-G117E FLHSGTAK	114	>TP53-G117E FLHSETAK	294	180
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>TP53-G117E RLGFLHSGTA	125	>TP53-G117E RLGFLHSETA	152	27
>TP53-G117E RLGFLHSGTA	384	>TP53-G117E RLGFLHSETA	578	194
>TP53-G117E RLGFLHSGTA	262	>TP53-G117E RLGFLHSETA	316	54
>TP53-G117E FRLGFLHSG	306	>TP53-G117E FRLGFLHSE	387	81

>TP53-G117F FRLGFLHSGT	412	>TP53-G117F FRLGFLHSET	411	1
>TP53-G117F FRLGFLHSGT,	174	>TP53-G117F FRLGFLHSET/	231	57
>TP53-G117F GTAKSVTCTY	1973	>TP53-G117F RTAKSVTCTY	434	1539
>TP53-G117F GTAKSVTCTY	466	>TP53-G117F RTAKSVTCTY	250	216
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>TP53-G117F GTAKSVTCTY	521	>TP53-G117F RTAKSVTCTY	140	381
>TP53-G117F GTAKSVTCTY	122	>TP53-G117F RTAKSVTCTY	143	21
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>TP53-G117F GTAKSVTCTY	1215	>TP53-G117F RTAKSVTCTY	63	1152
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>TP53-G117F GTAKSVTCTY	71	>TP53-G117F RTAKSVTCTY	38	33
>TP53-G117F GTAKSVTCTY	461	>TP53-G117F RTAKSVTCTY	40	421
>TP53-G117F GTAKSVTC	7191	>TP53-G117F RTAKSVTC	264	6927
>TP53-G117F GTAKSVTCTY	8	>TP53-G117F RTAKSVTCTY	3	5
>TP53-G117F GTAKSVTCTY	1910	>TP53-G117F RTAKSVTCTY	105	1805
>TP53-G117F GTAKSVTCTY	296	>TP53-G117F RTAKSVTCTY	18	278
>TP53-G117F GTAKSVTCTY	39	>TP53-G117F RTAKSVTCTY	19	20
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>TP53-G117F SGTAKSVTCT	4766	>TP53-G117F SRTAKSVTCT	205	4561
>TP53-G117F SGTAKSVTCT	374	>TP53-G117F SRTAKSVTCT	1406	1032
>TP53-G117F YGFRLGFLHS	21131	>TP53-G117F YGFRLGFLHS	79	21052
>TP53-G117F YGFRLGFLHS	29697	>TP53-G117F YGFRLGFLHS	30	29667
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>TP53-G117F HSGTAKSV	4674	>TP53-G117F HSRTAKSV	8	4666
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>TP53-G117F HSGTAKSV	4145	>TP53-G117F HSRTAKSV	195	3950
>TP53-G117F HSGTAKSVT	4291	>TP53-G117F HSRTAKSVT	279	4012
>TP53-G117F LHSGTAKSV	1632	>TP53-G117F LHSRTAKSV	323	1309
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>TP53-G117F FLHSGTAKS	179	>TP53-G117F FLHSRTAKS	174	5
>TP53-G117F FLHSGTAKSV	13	>TP53-G117F FLHSRTAKSV	28	15
>TP53-G117F FLHSGTAKSV	413	>TP53-G117F FLHSRTAKSV	405	8
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>TP53-G117F FLHSGTAKSV	11	>TP53-G117F FLHSRTAKSV	14	3
>TP53-G117F FLHSGTAKSV	27	>TP53-G117F FLHSRTAKSV	35	8
>TP53-G117F FLHSGTAKS	188	>TP53-G117F FLHSRTAKS	606	418
>TP53-G117F FLHSGTAKSV	2	>TP53-G117F FLHSRTAKSV	2	0
>TP53-G117F FLHSGTAKSV	116	>TP53-G117F FLHSRTAKSV	242	126
>TP53-G117F FLHSGTAKSV	5	>TP53-G117F FLHSRTAKSV	6	1
>TP53-G117F FLHSGTAKSV	7	>TP53-G117F FLHSRTAKSV	12	5

>TP53-G117F FLHSGTAKSV	7	>TP53-G117F FLHSRTAKSV	21	14
>TP53-G117F FLHSGTAK	124	>TP53-G117F FLHSRTAK	227	103
>TP53-G117F FLHSGTAKS	31	>TP53-G117F FLHSRTAKS	73	42
>TP53-G117F FLHSGTAKSV	2	>TP53-G117F FLHSRTAKSV	2	0
>TP53-G117F FLHSGTAKSV	13	>TP53-G117F FLHSRTAKSV	21	8
>TP53-G117F FLHSGTAK	114	>TP53-G117F FLHSRTAK	74	40
>TP53-G117F FLHSGTAK	256	>TP53-G117F FLHSRTAK	132	124
>TP53-G117F FLHSGTAKSV	283	>TP53-G117F FLHSRTAKSV	782	499
>TP53-G117F FLHSGTAKSV	261	>TP53-G117F FLHSRTAKSV	215	46
>TP53-G117F GFLHSGTAK	1580	>TP53-G117F GFLHSRTAK	305	1275
>TP53-G117F GFLHSGTAK	1163	>TP53-G117F GFLHSRTAK	175	988
>TP53-G117F RLGFLHSGTA	326	>TP53-G117F RLGFLHSRTA	613	287
>TP53-G117F RLGFLHSGTA	162	>TP53-G117F RLGFLHSRTA	187	25
>TP53-G117F RLGFLHSG	19727	>TP53-G117F RLGFLHSR	481	19246
>TP53-G117F RLGFLHSGTA	43	>TP53-G117F RLGFLHSRTA	37	6
>TP53-G117F RLGFLHSGTA	125	>TP53-G117F RLGFLHSRTA	110	15
>TP53-G117F RLGFLHSGTA	384	>TP53-G117F RLGFLHSRTA	164	220
>TP53-G117F RLGFLHSG	14408	>TP53-G117F RLGFLHSR	14	14394
>TP53-G117F RLGFLHSGTA	262	>TP53-G117F RLGFLHSRTA	92	170
>TP53-G117F RLGFLHSG	28213	>TP53-G117F RLGFLHSR	47	28166
>TP53-G117F FRLGFLHSG	306	>TP53-G117F FRLGFLHSR	17	289
>TP53-G117F FRLGFLHSGT	412	>TP53-G117F FRLGFLHSRT	275	137
>TP53-G117F FRLGFLHSGT	174	>TP53-G117F FRLGFLHSRT	143	31
>TP53-G117F FRLGFLHSG	30317	>TP53-G117F FRLGFLHSR	142	30175
>TP53-G117F GFRLGFLHSG	13522	>TP53-G117F GFRLGFLHSR	28	13494
>TP53-G117F GFRLGFLHSG	29726	>TP53-G117F GFRLGFLHSR	337	29389
>TP53-G117F GFRLGFLHSG	34381	>TP53-G117F GFRLGFLHSR	313	34068
>TP53-G154/ GTRVRAMAI\	269	>TP53-G154/ ATRVRAMAI\	123	146
>TP53-G154/ GTRVRAMAI\	50	>TP53-G154/ ATRVRAMAI\	42	8
>TP53-G154/ GTRVRAMAI\	39	>TP53-G154/ ATRVRAMAI\	39	0
>TP53-G154/ GTRVRAMAI\	715	>TP53-G154/ ATRVRAMAI\	106	609
>TP53-G154/ GTRVRAMA	18	>TP53-G154/ ATRVRAMA	6	12
>TP53-G154/ GTRVRAMAI	9	>TP53-G154/ ATRVRAMAI	4	5
>TP53-G154/ GTRVRAMAI\	30	>TP53-G154/ ATRVRAMAI\	7	23
>TP53-G154/ GTRVRAMAI\	3	>TP53-G154/ ATRVRAMAI\	3	0
>TP53-G154/ GTRVRAMAI\	130	>TP53-G154/ ATRVRAMAI\	66	64
>TP53-G154/ GTRVRAMAI\	115	>TP53-G154/ ATRVRAMAI\	57	58
>TP53-G154/ GTRVRAMAI	2287	>TP53-G154/ ATRVRAMAI	362	1925
>TP53-G154/ GTRVRAMAI	687	>TP53-G154/ ATRVRAMAI	286	401
>TP53-G154/ GTRVRAMAI\	405	>TP53-G154/ ATRVRAMAI\	220	185
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>TP53-G154/ GTRVRAMAI	40	>TP53-G154/ ATRVRAMAI	13	27
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>TP53-G154/GTRVRAMAI	122	>TP53-G154/ATRVRAMAI	364	242
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>TP53-G154/GTRVRAMAI\	269	>TP53-G154/ATRVRAMAI\	151	118
>TP53-G154/GTRVRAMAI	387	>TP53-G154/ATRVRAMAI	176	211
>TP53-G154/QLWVDSTPP	13082	>TP53-G154/QLWVDSTPP	70	13012
>TP53-G154/QLWVDSTPP	8934	>TP53-G154/QLWVDSTPP	245	8689
>TP53-G154/QLWVDSTPP	3314	>TP53-G154/QLWVDSTPP	60	3254
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>TP53-G154/QLWVDSTPP	14765	>TP53-G154/QLWVDSTPP	137	14628
>TP53-G154/QLWVDSTPP	12786	>TP53-G154/QLWVDSTPP	70	12716
>TP53-G154/QLWVDSTPP	10814	>TP53-G154/QLWVDSTPP	334	10480
>TP53-G154/PPGTRVRAM	68	>TP53-G154/PPATRVRAM	14	54
>TP53-G154/PPGTRVRAM	709	>TP53-G154/PPATRVRAM	53	656
>TP53-G154/PPPGRVRAM	370	>TP53-G154/PPPATRVRAM	533	163
>TP53-G154/PPPGRVRAM	450	>TP53-G154/PPPATRVRAM	225	225
>TP53-G154/TPPPGRVRA	583	>TP53-G154/TPPPATRVA	270	313
>TP53-G154/TPPPGRV	763	>TP53-G154/TPPPATRV	143	620
>TP53-G154/TPPPGRVRA	482	>TP53-G154/TPPPATRVA	87	395
>TP53-G154/TPPPGRVRA	32	>TP53-G154/TPPPATRVA	33	1
>TP53-G154/TPPPGRVRA	139	>TP53-G154/TPPPATRVA	119	20
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>TP53-G154/TPPPGRVRA	727	>TP53-G154/TPPPATRVA	175	552
>TP53-G154/STPPPGRV	136	>TP53-G154/STPPPATRV	164	28
>TP53-G154/STPPPGRV	116	>TP53-G154/STPPPATRV	94	22
>TP53-G154/STPPPGR	925	>TP53-G154/STPPPATR	342	583
>TP53-G154/STPPPGR	352	>TP53-G154/STPPPATR	104	248
>TP53-G154/STPPPGRV	129	>TP53-G154/STPPPATRV	69	60
>TP53-G154/STPPPGRV	18	>TP53-G154/STPPPATRV	11	7
>TP53-G154/STPPPGRV	82	>TP53-G154/STPPPATRV	44	38
>TP53-G154/STPPPGRV	512	>TP53-G154/STPPPATRV	137	375
>TP53-G154/STPPPGRV	4	>TP53-G154/STPPPATRV	3	1
>TP53-G154/STPPPGRV	96	>TP53-G154/STPPPATRV	40	56
>TP53-G154/STPPPGRV	54	>TP53-G154/STPPPATRV	37	17
>TP53-G154/STPPPGRV	259	>TP53-G154/STPPPATRV	253	6
>TP53-G154/STPPPGRV	311	>TP53-G154/STPPPATRV	332	21
>TP53-G154/DSTPPPGR	203	>TP53-G154/DSTPPPATR	56	147
>TP53-G154/DSTPPPGRV	372	>TP53-G154/DSTPPPATRV	286	86
>TP53-G154/DSTPPPGR	161	>TP53-G154/DSTPPPATR	44	117
>TP53-G154/DSTPPPGRV	208	>TP53-G154/DSTPPPATRV	104	104
>TP53-G154/DSTPPPGRV	1466	>TP53-G154/DSTPPPATRV	488	978
>TP53-G154/WVDSTPPPG	12552	>TP53-G154/WVDSTPPPA	171	12381
>TP53-G154/WVDSTPPPG	10213	>TP53-G154/WVDSTPPPA	318	9895



>TP53-G154/WVDSTPPPG	6072	>TP53-G154/WVDSTPPPA	38	6034
>TP53-G154/WVDSTPPPG	489	>TP53-G154/WVDSTPPPA	721	232
>TP53-G154/LWVDSTPPP	6381	>TP53-G154/LWVDSTPPP/	364	6017
>TP53-G154/LWVDSTPPP	485	>TP53-G154/LWVDSTPPP/	225	260
>TP53-G154(GTRVRAMAI	269	>TP53-G154(CTRVRAMAI	129	140
>TP53-G154(GTRVRAMAI	50	>TP53-G154(CTRVRAMAI	61	11
>TP53-G154(GTRVRAMAI	39	>TP53-G154(CTRVRAMAI	86	47
>TP53-G154(GTRVRAMAI	715	>TP53-G154(CTRVRAMAI	209	506
>TP53-G154(GTRVRAMA	18	>TP53-G154(CTRVRAMA	17	1
>TP53-G154(GTRVRAMAI	9	>TP53-G154(CTRVRAMAI	9	0
>TP53-G154(GTRVRAMAI	30	>TP53-G154(CTRVRAMAI	33	3
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>TP53-G154(GTRVRAMAI	387	>TP53-G154(CTRVRAMAI	28	359
>TP53-G154(QLWVDSTPP	3314	>TP53-G154(QLWVDSTPP	178	3136
>TP53-G154(QLWVDSTPP	12786	>TP53-G154(QLWVDSTPP	351	12435
>TP53-G154(PPGTRVRAM	68	>TP53-G154(PPCTRVRAM	619	551
>TP53-G154(PPPCTRVRAM	370	>TP53-G154(PPPCTRVRAM	706	336
>TP53-G154(PPPCTRVRAM	450	>TP53-G154(PPPCTRVRAM	781	331
>TP53-G154(TPPPCTRVR	583	>TP53-G154(TPPPCTRVR	95	488
>TP53-G154(TPPPCTRVR	763	>TP53-G154(TPPPCTRVR	474	289
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>TP53-G154(TPPPCTRVR	139	>TP53-G154(TPPPCTRVR	104	35
>TP53-G154(TPPPCTRVR	273	>TP53-G154(TPPPCTRVR	923	650
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>TP53-G154(STPPPCTR	925	>TP53-G154(STPPPCTR	488	437
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>TP53-G154(STPPPCTR	352	>TP53-G154(STPPPCTR	130	222
>TP53-G154(STPPPCTRVR	129	>TP53-G154(STPPPCTRVR	170	41
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>TP53-G154(DSTPPPCTR	203	>TP53-G154(DSTPPPCTR	69	134
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>TP53-G154[GTRVRAMAI	269	>TP53-G154[DTRVRAMAI	199	70
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>TP53-G154[GTRVRAMAI	39	>TP53-G154[DTRVRAMAI	2004	1965
>TP53-G154[GTRVRAMAI	715	>TP53-G154[DTRVRAMAI	47	668
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>TP53-G154[STPPPGTRVR	96	>TP53-G154[STPPPDTRVR	340	244
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>TP53-G154[ DSTPPPGTRV	208	>TP53-G154[ DSTPPPDTRV	174	34
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>TP53-G154[ GTRVRAMAIY	3456	>TP53-G154[ ITRVRAMAIY	418	3038
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>TP53-G154[ GTRVRAMAI	387	>TP53-G154[ ITRVRAMAI	182	205
>TP53-G154[ PGTRVRAMA	14188	>TP53-G154[ PITRVRAMAI	274	13914
>TP53-G154[ PGTRVRAMA	619	>TP53-G154[ PITRVRAMAI	347	272

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>TP53-G154I PPPGTRVRAM	370	>TP53-G154I PPPITRVRAM	478	108
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>TP53-G154I STPPPGRV	136	>TP53-G154I STPPPITRV	23	113
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>TP53-G154I STPPPGRV	116	>TP53-G154I STPPPITRV	30	86
>TP53-G154I STPPPGRVR	851	>TP53-G154I STPPPITRVR	330	521
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>TP53-G154I STPPPGRVR	129	>TP53-G154I STPPPITRVR	21	108
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>TP53-G154I STPPPGRVR	82	>TP53-G154I STPPPITRVR	36	46
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>TP53-G154I STPPPGRV	259	>TP53-G154I STPPPITRV	753	494
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>TP53-G154I VDSTPPPG	30985	>TP53-G154I VDSTPPPI	384	30601
>TP53-G154I WVDSTPPPG	20336	>TP53-G154I WVDSTPPPI	267	20069
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>TP53-G154I WVDSTPPPG	6072	>TP53-G154I WVDSTPPPI	10	6062
>TP53-G154I WVDSTPPPG	489	>TP53-G154I WVDSTPPPIT	2612	2123
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>TP53-G154I GTRVRAMAI	50	>TP53-G154I STRVRAMAI	44	6
>TP53-G154I GTRVRAMAI	39	>TP53-G154I STRVRAMAI	22	17
>TP53-G154I GTRVRAMAI	715	>TP53-G154I STRVRAMAI	96	619
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>TP53-G154I GTRVRAMAI	30	>TP53-G154I STRVRAMAI	9	21
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>TP53-G154I GTRVRAMAI	115	>TP53-G154I STRVRAMAI	55	60
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>TP53-G154I GTRVRAMAI	122	>TP53-G154I STRVRAMAI	125	3
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>TP53-G154I GTRVRAMAI	387	>TP53-G154I STRVRAMAI	79	308
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>TP53-G154€ TPPPSTRVRA	139	>TP53-G154€ TPPPSTRVRA	188	49
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>TP53-G154€ STPPPSTRV	116	>TP53-G154€ STPPPSTRV	83	33
>TP53-G154€ STPPPSTRVR	851	>TP53-G154€ STPPPSTRVR	367	484
>TP53-G154€ STPPPSTR	925	>TP53-G154€ STPPPSTR	451	474
>TP53-G154€ STPPPSTRVR	730	>TP53-G154€ STPPPSTRVR	297	433
>TP53-G154€ STPPPSTR	352	>TP53-G154€ STPPPSTR	126	226
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>TP53-G154€ STPPPSTRVR	82	>TP53-G154€ STPPPSTRVR	41	41
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>TP53-G154€ DSTPPPSTRV	372	>TP53-G154€ DSTPPPSTRV	315	57
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>TP53-G154€ DSTPPPSTRV	208	>TP53-G154€ DSTPPPSTRV	99	109
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>TP53-G154\ GTRVRAMAI\	3456	>TP53-G154\ VTRVRAMAI\	229	3227
>TP53-G154\ GTRVRAMAI	687	>TP53-G154\ VTRVRAMAI	246	441
>TP53-G154\ GTRVRAMAI\	405	>TP53-G154\ VTRVRAMAI\	308	97
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>TP53-G154\GTRVRAMAI	40	>TP53-G154\VTRVRAMAI	16	24
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>TP53-G154\STPPPGTR	925	>TP53-G154\STPPPVTR	292	633
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>TP53-G154\STPPPGTR	352	>TP53-G154\STPPPVTR	122	230
>TP53-G154\STPPPGTRVR	129	>TP53-G154\STPPPVTRVR	38	91
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>TP53-G154\WVDSTPPPG	22327	>TP53-G154\WVDSTPPPV	454	21873
>TP53-G154\WVDSTPPPG	12552	>TP53-G154\WVDSTPPPV	19	12533
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>TP53-G154\WVDSTPPPG	489	>TP53-G154\WVDSTPPPV	2506	2017
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>TP53-G154\LWVDSTPPPG	485	>TP53-G154\LWVDSTPPPV	511	26
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>TP53-G187(CSDSDGLA	178	>TP53-G187(CSDSDCLA	589	411
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>TP53-G187[ GLAPPQHL	5	>TP53-G187[ DLAPPQHL	35	30
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>TP53-G187 $\epsilon$ DGLAPPQHLI	6184	>TP53-G187 $\epsilon$ DSLAPPQHLI	207	5977
>TP53-G187 $\epsilon$ DGLAPPQHLI	10861	>TP53-G187 $\epsilon$ DSLAPPQHLI	441	10420
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>TP53-G187 $\epsilon$ DGLAPPQHLI	1466	>TP53-G187 $\epsilon$ DSLAPPQHLI	88	1378
>TP53-G187 $\epsilon$ SDGLAPPQHL	507	>TP53-G187 $\epsilon$ SDSLAPPQHL	375	132
>TP53-G187 $\epsilon$ SDGLAPPQHL	104	>TP53-G187 $\epsilon$ SDSLAPPQHL	42	62
>TP53-G187 $\epsilon$ CSDSDGLA	178	>TP53-G187 $\epsilon$ CSDSDSLA	214	36
>TP53-G187 $\epsilon$ ERCSDSDGL	1614	>TP53-G187 $\epsilon$ ERCSDSDSL	240	1374
>TP53-G187 $\epsilon$ HERCSDSDGL	602	>TP53-G187 $\epsilon$ HERCSDSDSL	413	189
>TP53-G187 $\epsilon$ HERCSDSDGL	422	>TP53-G187 $\epsilon$ HERCSDSDSL	578	156
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>TP53-G187\GLAPPQHL	22	>TP53-G187\VLAPPQHL	24	2
>TP53-G187\GLAPPQHLI	15	>TP53-G187\VLAPPQHLI	15	0
>TP53-G187\GLAPPQHLIR'	9	>TP53-G187\VLAPPQHLIR'	8	1
>TP53-G187\GLAPPQHL	61	>TP53-G187\VLAPPQHL	57	4
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>TP53-G187\GLAPPQHLIR'	7	>TP53-G187\VLAPPQHLIR'	7	0
>TP53-G187\GLAPPQHL	755	>TP53-G187\VLAPPQHL	302	453
>TP53-G187\GLAPPQHLI	500	>TP53-G187\VLAPPQHLI	205	295
>TP53-G187\GLAPPQHLIR'	44	>TP53-G187\VLAPPQHLIR'	24	20
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>TP53-G187\GLAPPQHL	26	>TP53-G187\VLAPPQHL	39	13
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>TP53-G187\GLAPPQHL	175	>TP53-G187\VLAPPQHL	25	150
>TP53-G187\GLAPPQHLI	76	>TP53-G187\VLAPPQHLI	10	66
>TP53-G187\GLAPPQHLIR'	9	>TP53-G187\VLAPPQHLIR'	3	6

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>TP53-G187\GLAPPQHLI	2635	>TP53-G187\VLAPPQHLI	401	2234
>TP53-G187\GLAPPQHLIR	282	>TP53-G187\VLAPPQHLIR	405	123
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>TP53-G187\DGLAPPQHL	27159	>TP53-G187\DLAPPQHL	209	26950
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>TP53-G187\DGLAPPQHLI	6227	>TP53-G187\DLAPPQHLI	224	6003
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>TP53-G187\DGLAPPQHL	5985	>TP53-G187\DLAPPQHL	45	5940
>TP53-G187\DGLAPPQHLI	1466	>TP53-G187\DLAPPQHLI	13	1453
>TP53-G187\SDGLAPPQHI	507	>TP53-G187\SDVLAPPQHI	396	111
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>TP53-G187\SDGLAPPQHI	104	>TP53-G187\SDVLAPPQHI	45	59
>TP53-G187\CSDSDGLA	178	>TP53-G187\CSDSDVLA	230	52
>TP53-G187\ERCSDSDGL	1614	>TP53-G187\ERCSDSDVL	80	1534
>TP53-G187\HERCSDSDGL	602	>TP53-G187\HERCSDSDVL	232	370
>TP53-G187\HERCSDSDG	9135	>TP53-G187\HERCSDSDV	53	9082
>TP53-G187\HERCSDSDGL	422	>TP53-G187\HERCSDSDVL	905	483
>TP53-G187\HHERCSDSDC	833	>TP53-G187\HHERCSDSD\	317	516
>TP53-G187\HHERCSDSDC	126	>TP53-G187\HHERCSDSD\	18	108
>TP53-G199\EGNLRVEY	7554	>TP53-G199\EANLRVEY	361	7193
>TP53-G199\EGNLRVEYL	2216	>TP53-G199\EANLRVEYL	74	2142
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>TP53-G199\VEGNLRVEYL	312	>TP53-G199\VEANLRVEYL	78	234
>TP53-G199\VEGNLRVEY	1192	>TP53-G199\VEANLRVEY	255	937
>TP53-G199\VEGNLRVEY	67	>TP53-G199\VEANLRVEY	28	39
>TP53-G199\VEGNLRVEYL	799	>TP53-G199\VEANLRVEYL	356	443
>TP53-G199\VEGNLRVEYL	472	>TP53-G199\VEANLRVEYL	197	275
>TP53-G199\VEGNLRVEY	338	>TP53-G199\VEANLRVEY	257	81
>TP53-G199\VEGNLRVEYL	278	>TP53-G199\VEANLRVEYL	262	16
>TP53-G199\RVEGNLRV	54	>TP53-G199\RVEANLRV	179	125
>TP53-G199\RVEGNLRVEY	224	>TP53-G199\RVEANLRVEY	257	33
>TP53-G199\RVEGNLRVEY	1157	>TP53-G199\RVEANLRVEY	236	921
>TP53-G199\RVEGNLRVEY	301	>TP53-G199\RVEANLRVEY	230	71
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>TP53-G199\IRVEGNLRVE'	53	>TP53-G199\IRVEANLRVE'	44	9
>TP53-G199\IRVEGNLRVE'	668	>TP53-G199\IRVEANLRVE'	444	224
>TP53-G199\LIRVEGNLRV	35	>TP53-G199\LIRVEANLRV	38	3

>TP53-G199/LIRVEGNLRV	296	>TP53-G199/LIRVEANLRV	205	91
>TP53-G199/LIRVEGNLR	1411	>TP53-G199/LIRVEANLR	462	949
>TP53-G199/HLIRVEGNL	4684	>TP53-G199/HLIRVEANL	387	4297
>TP53-G199/HLIRVEGNLR'	156	>TP53-G199/HLIRVEANLR'	56	100
>TP53-G199/HLIRVEGNL	226	>TP53-G199/HLIRVEANL	30	196
>TP53-G199/HLIRVEGNLR'	111	>TP53-G199/HLIRVEANLR'	43	68
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>TP53-G199/HLIRVEGNLR'	41	>TP53-G199/HLIRVEANLR'	33	8
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>TP53-G199/HLIRVEGNL	327	>TP53-G199/HLIRVEANL	75	252
>TP53-G199/HLIRVEGNLR'	9	>TP53-G199/HLIRVEANLR'	8	1
>TP53-G199/HLIRVEGNL	806	>TP53-G199/HLIRVEANL	47	759
>TP53-G199/HLIRVEGNLR'	27	>TP53-G199/HLIRVEANLR'	13	14
>TP53-G199/HLIRVEGNL	878	>TP53-G199/HLIRVEANL	166	712
>TP53-G199/HLIRVEGNLR'	27	>TP53-G199/HLIRVEANLR'	20	7
>TP53-G199/HLIRVEGNLR'	701	>TP53-G199/HLIRVEANLR'	283	418
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>TP53-G199/HLIRVEGNLR'	4	>TP53-G199/HLIRVEANLR'	3	1
>TP53-G199/HLIRVEGNLR	241	>TP53-G199/HLIRVEANLR	225	16
>TP53-G199/HLIRVEGNLR	381	>TP53-G199/HLIRVEANLR	446	65
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>TP53-G199/HLIRVEGNLR	478	>TP53-G199/HLIRVEANLR	239	239
>TP53-G199/PPQHLIRVEG	11406	>TP53-G199/PPQHLIRVEA	211	11195
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>TP53-G199VEGNLRVEY	338	>TP53-G199VEENLRVEY	661	323
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>TP53-G199F RVEGNLRVEY	933	>TP53-G199F RVEENLRVEY	162	771
>TP53-G199F IRVEGNLRVE'	53	>TP53-G199F IRVEENLRVE\	50	3
>TP53-G199F LIRVEGNLRV	35	>TP53-G199F LIRVEENLRV	45	10
>TP53-G199F LIRVEGNLRV	296	>TP53-G199F LIRVEENLRV	733	437
>TP53-G199F HLIRVEGNLR'	156	>TP53-G199F HLIRVEENLR\	94	62
>TP53-G199F HLIRVEGNL	226	>TP53-G199F HLIRVEENL	30	196
>TP53-G199F HLIRVEGNLR'	111	>TP53-G199F HLIRVEENLR\	46	65
>TP53-G199F HLIRVEGNLR'	41	>TP53-G199F HLIRVEENLR\	73	32
>TP53-G199F HLIRVEGNLR'	322	>TP53-G199F HLIRVEENLR\	261	61
>TP53-G199F HLIRVEGNL	327	>TP53-G199F HLIRVEENL	91	236
>TP53-G199F HLIRVEGNLR'	9	>TP53-G199F HLIRVEENLR\	9	0
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>TP53-G199F HLIRVEGNLR'	27	>TP53-G199F HLIRVEENLR\	18	9
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>TP53-G199F HLIRVEGNLR'	27	>TP53-G199F HLIRVEENLR\	27	0
>TP53-G199F HLIRVEGNL	153	>TP53-G199F HLIRVEENL	45	108
>TP53-G199F HLIRVEGNLR'	4	>TP53-G199F HLIRVEENLR\	4	0
>TP53-G199F HLIRVEGNLR	241	>TP53-G199F HLIRVEENLR	453	212
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>TP53-G199F HLIRVEGNLR'	398	>TP53-G199F HLIRVEENLR\	411	13
>TP53-G199F HLIRVEGNLR	478	>TP53-G199F HLIRVEENLR	395	83
>TP53-G199F VEGNLRVEYL	312	>TP53-G199F VERNLRVEYL	445	133
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>TP53-G199F VEGNLRVEY	338	>TP53-G199F VERNLRVEY	620	282
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>TP53-G199F RVEGNLRV	54	>TP53-G199F RVERNLRV	216	162
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>TP53-G199F RVEGNLRVEY	1157	>TP53-G199F RVERNLRVEY	387	770
>TP53-G199F RVEGNLRVEY	301	>TP53-G199F RVERNLRVEY	933	632
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>TP53-G199F IRVEGNLRVE'	53	>TP53-G199F IRVERNLRVE\	60	7
>TP53-G199F IRVEGNLRVE'	668	>TP53-G199F IRVERNLRVE\	423	245
>TP53-G199F LIRVEGNLRV	35	>TP53-G199F LIRVERNLRV	42	7
>TP53-G199F LIRVEGNLR	1087	>TP53-G199F LIRVERNLR	197	890
>TP53-G199F LIRVEGNLRV	296	>TP53-G199F LIRVERNLRV	108	188
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>TP53-G199F HLIRVEGNLR'	156	>TP53-G199F HLIRVERNLR\	191	35

>TP53-G199FHLIRVEGNL	226	>TP53-G199FHLIRVERNLR	378	152
>TP53-G199FHLIRVEGNLR'	111	>TP53-G199FHLIRVERNLR\	135	24
>TP53-G199FHLIRVEGNLR'	41	>TP53-G199FHLIRVERNLR\	67	26
>TP53-G199FHLIRVEGNLR'	322	>TP53-G199FHLIRVERNLR\	586	264
>TP53-G199FHLIRVEGNL	327	>TP53-G199FHLIRVERNLR	376	49
>TP53-G199FHLIRVEGNLR'	9	>TP53-G199FHLIRVERNLR\	12	3
>TP53-G199FHLIRVEGNLR'	27	>TP53-G199FHLIRVERNLR\	37	10
>TP53-G199FHLIRVEGNLR'	27	>TP53-G199FHLIRVERNLR\	49	22
>TP53-G199FHLIRVEGNL	153	>TP53-G199FHLIRVERNLR	255	102
>TP53-G199FHLIRVEGNLR'	4	>TP53-G199FHLIRVERNLR\	5	1
>TP53-G199FHLIRVEGNLR	241	>TP53-G199FHLIRVERNLR	56	185
>TP53-G199FHLIRVEGNLR	381	>TP53-G199FHLIRVERNLR	339	42
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>TP53-G199FHLIRVEGNLR'	398	>TP53-G199FHLIRVERNLR\	894	496
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>TP53-G199FQHLIRVEG	34991	>TP53-G199FQHLIRVER	419	34572
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>TP53-G199\EGNLRVEY	18052	>TP53-G199\EVNLRVEY	56	17996
>TP53-G199\EGNLRVEYL	26112	>TP53-G199\EVNLRVEYL	181	25931
>TP53-G199\EGNLRVEY	7554	>TP53-G199\EVNLRVEY	162	7392
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>TP53-G199\EGNLRVEYL	12933	>TP53-G199\EVNLRVEYL	436	12497
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>TP53-G199\APPQHLIRVE	17526	>TP53-G199\APPQHLIRVE'	209	17317
>TP53-G199\VEGNLRVEYL	312	>TP53-G199\VEVNLRVEYL	249	63
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>TP53-G199\VEGNLRVEY	67	>TP53-G199\VEVNLRVEY	17	50
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>TP53-G199\VEGNLRVEYL	472	>TP53-G199\VEVNLRVEYL	183	289
>TP53-G199\VEGNLRVEY	338	>TP53-G199\VEVNLRVEY	128	210
>TP53-G199\VEGNLRVEYL	278	>TP53-G199\VEVNLRVEYL	282	4
>TP53-G199\RVEGNLRV	54	>TP53-G199\RVEVNLRV	464	410
>TP53-G199\RVEGNLRVEY	224	>TP53-G199\RVEVNLRVEY	217	7
>TP53-G199\RVEGNLRVEY	301	>TP53-G199\RVEVNLRVEY	265	36
>TP53-G199\RVEGNLRVEY	400	>TP53-G199\RVEVNLRVEY	247	153
>TP53-G199\IRVEGNLRVE'	53	>TP53-G199\IRVEVNLRVE'	61	8
>TP53-G199\IRVEGNLRVE'	668	>TP53-G199\IRVEVNLRVE'	448	220
>TP53-G199\LIRVEGNLRV	35	>TP53-G199\LIRVEVNLRV	25	10
>TP53-G199\LIRVEGNLRV	296	>TP53-G199\LIRVEVNLRV	269	27
>TP53-G199\LIRVEGNLR	570	>TP53-G199\LIRVEVNLR	324	246
>TP53-G199\HLIRVEGNL	4684	>TP53-G199\HLIRVEVNL	422	4262

>TP53-G199\HLIRVEGNLR'	156	>TP53-G199\HLIRVEVNLR'	54	102
>TP53-G199\HLIRVEGNL	226	>TP53-G199\HLIRVEVNL	39	187
>TP53-G199\HLIRVEGNLR'	111	>TP53-G199\HLIRVEVNLR'	47	64
>TP53-G199\HLIRVEGNLR'	41	>TP53-G199\HLIRVEVNLR'	53	12
>TP53-G199\HLIRVEGNLR'	322	>TP53-G199\HLIRVEVNLR'	162	160
>TP53-G199\HLIRVEGNL	327	>TP53-G199\HLIRVEVNL	90	237
>TP53-G199\HLIRVEGNLR'	9	>TP53-G199\HLIRVEVNLR'	6	3
>TP53-G199\HLIRVEGNL	806	>TP53-G199\HLIRVEVNL	74	732
>TP53-G199\HLIRVEGNLR'	27	>TP53-G199\HLIRVEVNLR'	14	13
>TP53-G199\HLIRVEGNL	878	>TP53-G199\HLIRVEVNL	92	786
>TP53-G199\HLIRVEGNLR'	27	>TP53-G199\HLIRVEVNLR'	17	10
>TP53-G199\HLIRVEGNLR'	701	>TP53-G199\HLIRVEVNLR'	436	265
>TP53-G199\HLIRVEGNL	153	>TP53-G199\HLIRVEVNL	22	131
>TP53-G199\HLIRVEGNLR'	4	>TP53-G199\HLIRVEVNLR'	3	1
>TP53-G199\HLIRVEGNLR	241	>TP53-G199\HLIRVEVNLR	264	23
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>TP53-G199\HLIRVEGNLR	24	>TP53-G199\HLIRVEVNLR	36	12
>TP53-G199\HLIRVEGNLR'	398	>TP53-G199\HLIRVEVNLR'	178	220
>TP53-G199\HLIRVEGNLR	478	>TP53-G199\HLIRVEVNLR	202	276
>TP53-G199\PPQHLIRVEG	13532	>TP53-G199\PPQHLIRVEV	402	13130
>TP53-G226/GSDCTTIHY	18	>TP53-G226/ASDCTTIHY	11	7
>TP53-G226/GSDCTTIHYN	34	>TP53-G226/ASDCTTIHYN'	16	18
>TP53-G226/GSDCTTIHYN	1028	>TP53-G226/ASDCTTIHYN'	324	704
>TP53-G226/GSDCTTIHYN	174	>TP53-G226/ASDCTTIHYN'	411	237
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>TP53-G226/GSDCTTIHYN	1576	>TP53-G226/ASDCTTIHYN'	304	1272
>TP53-G226/GSDCTTIHY	68	>TP53-G226/ASDCTTIHY	17	51
>TP53-G226/GSDCTTIHYN	99	>TP53-G226/ASDCTTIHYN'	27	72
>TP53-G226/GSDCTTIHYN	247	>TP53-G226/ASDCTTIHYN'	650	403
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>TP53-G226/GSDCTTIHYN	97	>TP53-G226/ASDCTTIHYN'	167	70
>TP53-G226/VGSDCTTIHY	353	>TP53-G226/VASDCTTIHY	102	251
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>TP53-G226/VGSDCTTIHY	184	>TP53-G226/VASDCTTIHY	124	60
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>TP53-G226/VGSDCTTIHY	449	>TP53-G226/VASDCTTIHY	709	260



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>TP53-G226/EVGSDCTTIH'	11	>TP53-G226/EVASDCTTIH'	4	7
>TP53-G226/EVGSDCTTIH'	75	>TP53-G226/EVASDCTTIH'	250	175
>TP53-G226/EVGSDCTTIH'	387	>TP53-G226/EVASDCTTIH'	137	250
>TP53-G226/EVGSDCTTIH'	1152	>TP53-G226/EVASDCTTIH'	375	777
>TP53-G226/EVGSDCTTIH'	612	>TP53-G226/EVASDCTTIH'	34	578
>TP53-G226/EVGSDCTTI	1082	>TP53-G226/EVASDCTTI	20	1062
>TP53-G226/EVGSDCTTI	504	>TP53-G226/EVASDCTTI	65	439
>TP53-G226/EVGSDCTTIH'	326	>TP53-G226/EVASDCTTIH'	552	226
>TP53-G226/EVGSDCTTIH'	819	>TP53-G226/EVASDCTTIH'	411	408
>TP53-G226/EVGSDCTTIH'	1160	>TP53-G226/EVASDCTTIH'	124	1036
>TP53-G226/PEVGSDCTTI	342	>TP53-G226/PEVASDCTTI	680	338
>TP53-G226/VPYEPPEVG	2108	>TP53-G226/VPYEPPEVA	347	1761
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>TP53-G226[EVGSDCTTIH'	387	>TP53-G226[EVDSDCTTIH'	1061	674
>TP53-G226[EVGSDCTTI	504	>TP53-G226[EVDSDCTTI	92	412
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>TP53-G226[PEVGSDCTTI	342	>TP53-G226[PEVSDCTTI	704	362
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>TP53-G226 $\leq$ GSDCTTIHYN	247	>TP53-G226 $\leq$ SSDCTTIHYN\`	250	3
>TP53-G226 $\leq$ GSDCTTIHY	242	>TP53-G226 $\leq$ SSDCTTIHY	313	71
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>TP53-G226 $\leq$ VGSDCTTIHY	353	>TP53-G226 $\leq$ VSSDCTTIHY	17	336
>TP53-G226 $\leq$ VGSDCTTIHY	14963	>TP53-G226 $\leq$ VSSDCTTIHY	428	14535
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>TP53-G226 $\leq$ VGSDCTTIHY	1444	>TP53-G226 $\leq$ VSSDCTTIHY	223	1221
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>TP53-G226 $\leq$ VGSDCTTI	11574	>TP53-G226 $\leq$ VSSDCTTI	346	11228
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>TP53-G226 $\leq$ EVGSDCTTIH\`	2209	>TP53-G226 $\leq$ EVSSDCTTIH\`	294	1915
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>TP53-G226 $\leq$ EVGSDCTTIH\`	75	>TP53-G226 $\leq$ EVSSDCTTIH\`	571	496
>TP53-G226 $\leq$ EVGSDCTTIH\`	387	>TP53-G226 $\leq$ EVSSDCTTIH\`	203	184
>TP53-G226 $\leq$ EVGSDCTTIH\`	1152	>TP53-G226 $\leq$ EVSSDCTTIH\`	386	766
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>TP53-G226 $\leq$ PEVGSDCTTI	342	>TP53-G226 $\leq$ PEVSSDCTTI	289	53
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>TP53-G226\`GSDCTTIHYN	34	>TP53-G226\`VSDCTTIHYN\`	13	21
>TP53-G226\`GSDCTTIHYN	174	>TP53-G226\`VSDCTTIHYN\`	311	137
>TP53-G226\`GSDCTTIHYN	582	>TP53-G226\`VSDCTTIHYN\`	301	281
>TP53-G226\`GSDCTTIHY	1974	>TP53-G226\`VSDCTTIHY	145	1829
>TP53-G226\`GSDCTTIHYN	1576	>TP53-G226\`VSDCTTIHYN\`	106	1470
>TP53-G226\`GSDCTTIHY	68	>TP53-G226\`VSDCTTIHY	23	45
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>TP53-G226\EVGSDCTTIH'	75	>TP53-G226\EVVSDCTTIH'	32	43
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>TP53-G226\EVGSDCTTIH'	326	>TP53-G226\EVVSDCTTIH'	908	582
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>TP53-G244/NSSCMGGMI	365	>TP53-G244/NSSCMAGMI	215	150
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>TP53-G244/NSSCMGGM	848	>TP53-G244/NSSCMAGM	185	663
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>TP53-G244!YMCNSSCMC	332	>TP53-G244!YMCNSSCMS	84	248
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>TP53-G244\SSCMGGMNI	58	>TP53-G244\SSCMVGMNI	23	35
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>TP53-G244\YMCNSSCMC	421	>TP53-G244\YMCNSSCMV	104	317
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>TP53-G244\YMCNSSCMC	332	>TP53-G244\YMCNSSCMV	66	266
>TP53-G244\YMCNSSCMC	903	>TP53-G244\YMCNSSCMV	2	901
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>TP53-G245\GMNRRPILTI	755	>TP53-G245\AMNRRPILTI	423	332
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>TP53-G245F GMNRRPILTI	755	>TP53-G245F FMNRRPILTII	36	719
>TP53-G245F GMNRRPIL	678	>TP53-G245F FMNRRPIL	18	660
>TP53-G245F GMNRRPILT	8577	>TP53-G245F FMNRRPILT	304	8273
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>TP53-G245F GMNRRPILTI	168	>TP53-G245F FMNRRPILTII	9	159
>TP53-G245F GMNRRPIL	213	>TP53-G245F FMNRRPIL	14	199
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>TP53-G245F GMNRRPIL	32	>TP53-G245F FMNRRPIL	6	26
>TP53-G245F GMNRRPILT	744	>TP53-G245F FMNRRPILT	61	683
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>TP53-G245F CMGGMNRR	88	>TP53-G245F CMGHMNRR	495	407
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>TP53-G245F SCMGGMNR	464	>TP53-G245F SCMGHMNR	148	316
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>TP53-G245F SSCMGGMNI	58	>TP53-G245F SSCMGHMNI	34	24
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>TP53-G245F SSCMGGMNI	220	>TP53-G245F SSCMGHMNI	53	167
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>TP53-G245F SSCMGGMNI	460	>TP53-G245F SSCMGHMNI	231	229
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>TP53-G245F YMCNSSCMC	332	>TP53-G245F YMCNSSCMC	898	566
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>TP53-G245F YMCNSSCMC	292	>TP53-G245F YMCNSSCMC	170	122
>TP53-G245F YMCNSSCMC	44	>TP53-G245F YMCNSSCMC	27	17
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>TP53-G245F YMCNSSCMC	2531	>TP53-G245F YMCNSSCMC	171	2360
>TP53-G245F YMCNSSCMC	160	>TP53-G245F YMCNSSCMC	92	68

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>TP53-G245I GMNRRPILTI	61	>TP53-G245I LMNRRPILTI	34	27
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>TP53-G245I GMNRRPIL	160	>TP53-G245I LMNRRPIL	281	121
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>TP53-G245I GMNRRPILTI	43	>TP53-G245I LMNRRPILTI	13	30
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>TP53-G245I GGMNRRPI	19973	>TP53-G245I GLMNRRPI	250	19723
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>TP53-G262HSSGNLLGR	744	>TP53-G262HSSNLLGR	105	639
>TP53-G262HSSGNLLGRNS	245	>TP53-G262HSSNLLGRNS	169	76
>TP53-G262HSSGNLLGRNS	701	>TP53-G262HSSNLLGRNS	164	537
>TP53-G262HSSGNLLGRNS	390	>TP53-G262HSSNLLGRNS	55	335
>TP53-G262HSSGNLLGRNS	32	>TP53-G262HSSNLLGRNS	10	22
>TP53-G262HSSGNLLGR	357	>TP53-G262HSSNLLGR	150	207
>TP53-G262HDSSGNLLGR	68	>TP53-G262DSSNLLGR	35	33
>TP53-G262HEDSSGNLL	273	>TP53-G262HEDSSSNLL	1821	1548
>TP53-G262HLEDSSGNLL	745	>TP53-G262HLEDSSSNLL	98	647
>TP53-G262HLEDSSGNL	33	>TP53-G262HLEDSSSNL	43	10
>TP53-G262HLEDSSGNLL	20	>TP53-G262HLEDSSSNLL	31	11
>TP53-G262HLEDSSGNLL	816	>TP53-G262HLEDSSSNLL	336	480
>TP53-G262HTLEDSSGNL	62	>TP53-G262HTLEDSSSNL	17	45
>TP53-G262HTLEDSSGNLL	133	>TP53-G262HTLEDSSSNLL	79	54
>TP53-G262HTLEDSSGNL	513	>TP53-G262HTLEDSSSNL	141	372
>TP53-G262HTLEDSSGNLL	977	>TP53-G262HTLEDSSSNLL	448	529
>TP53-G262HTLEDSSGNL	947	>TP53-G262HTLEDSSSNL	145	802
>TP53-G262HTLEDSSGNLL	736	>TP53-G262HTLEDSSSNLL	236	500
>TP53-G262HTLEDSSGNL	24	>TP53-G262HTLEDSSSNL	6	18
>TP53-G262HTLEDSSGNLL	23	>TP53-G262HTLEDSSSNLL	11	12
>TP53-G262HITLEDSSGNL	495	>TP53-G262HITLEDSSSNL	184	311
>TP53-G262HITLEDSSGNLL	536	>TP53-G262HITLEDSSSNLL	238	298
>TP53-G262HITLEDSSGNL	471	>TP53-G262HITLEDSSSNL	297	174
>TP53-G262HITLEDSSGNL	371	>TP53-G262HITLEDSSSNL	164	207
>TP53-G262HITLEDSSGNLL	270	>TP53-G262HITLEDSSSNLL	163	107

>TP53-G262\ITLEDSSGNL	302	>TP53-G262\ITLEDSSSNL	174	128
>TP53-G262\ITLEDSSGNLL	339	>TP53-G262\ITLEDSSSNLL	332	7
>TP53-G262\ITLEDSSGNL	137	>TP53-G262\ITLEDSSSNL	134	3
>TP53-G262\ITLEDSSGNLL	354	>TP53-G262\ITLEDSSSNLL	214	140
>TP53-G262\ITLEDSSGNL	2256	>TP53-G262\ITLEDSSSNL	347	1909
>TP53-G262\ITLEDSSGNL	6	>TP53-G262\ITLEDSSSNL	4	2
>TP53-G262\ITLEDSSGNLL	18	>TP53-G262\ITLEDSSSNLL	15	3
>TP53-G262\ITLEDSSGNLL	259	>TP53-G262\ITLEDSSSNLL	182	77
>TP53-G262\ITLEDSSGNL	341	>TP53-G262\ITLEDSSSNL	481	140
>TP53-G262\ITLEDSSGNLL	30	>TP53-G262\ITLEDSSSNLL	24	6
>TP53-G262\ITLEDSSGNL	1970	>TP53-G262\ITLEDSSSNL	463	1507
>TP53-G262\ITLEDSSGNLL	604	>TP53-G262\ITLEDSSSNLL	452	152
>TP53-G262\GNLLGRNSF	1249	>TP53-G262\VNLLGRNSF	263	986
>TP53-G262\SGNLLGRNSF	2012	>TP53-G262\SVNLLGRNSF	402	1610
>TP53-G262\SGNLLGRNSF	311	>TP53-G262\SVNLLGRNSF	250	61
>TP53-G262\LTITLEDSSG	17657	>TP53-G262\LTITLEDSSV	216	17441
>TP53-G262\LTITLEDSSG	15201	>TP53-G262\LTITLEDSSV	103	15098
>TP53-G262\LTITLEDSSG	26006	>TP53-G262\LTITLEDSSV	374	25632
>TP53-G262\LTITLEDSSG	35405	>TP53-G262\LTITLEDSSV	211	35194
>TP53-G262\LTITLEDSSG	12005	>TP53-G262\LTITLEDSSV	155	11850
>TP53-G262\LTITLEDSSG	3869	>TP53-G262\LTITLEDSSV	116	3753
>TP53-G262\LTITLEDSSG	4086	>TP53-G262\LTITLEDSSV	309	3777
>TP53-G262\SSGNLLGR	627	>TP53-G262\SSVNLLGR	357	270
>TP53-G262\SSGNLLGRNS	2212	>TP53-G262\SSVNLLGRNS	84	2128
>TP53-G262\SSGNLLGR	554	>TP53-G262\SSVNLLGR	296	258
>TP53-G262\SSGNLLGR	744	>TP53-G262\SSVNLLGR	89	655
>TP53-G262\SSGNLLGRNS	245	>TP53-G262\SSVNLLGRNS	171	74
>TP53-G262\SSGNLLGRNS	701	>TP53-G262\SSVNLLGRNS	143	558
>TP53-G262\SSGNLLGRNS	390	>TP53-G262\SSVNLLGRNS	17	373
>TP53-G262\SSGNLLGRNS	32	>TP53-G262\SSVNLLGRNS	11	21
>TP53-G262\SSGNLLGR	357	>TP53-G262\SSVNLLGR	191	166
>TP53-G262\DSSGNLLGR	68	>TP53-G262\DSSVNLLGR	59	9
>TP53-G262\EDSSGNLL	273	>TP53-G262\EDSSVNLL	837	564
>TP53-G262\LEDSSGNLL	745	>TP53-G262\LEDSSVNLL	112	633
>TP53-G262\LEDSSGNL	33	>TP53-G262\LEDSSVNL	27	6
>TP53-G262\LEDSSGNLL	20	>TP53-G262\LEDSSVNLL	39	19
>TP53-G262\LEDSSGNLL	816	>TP53-G262\LEDSSVNLL	92	724
>TP53-G262\TLEDSSGNL	62	>TP53-G262\TLEDSSVNL	17	45
>TP53-G262\TLEDSSGNLL	133	>TP53-G262\TLEDSSVNLL	71	62
>TP53-G262\TLEDSSGNLL	977	>TP53-G262\TLEDSSVNLL	319	658
>TP53-G262\TLEDSSGNL	1522	>TP53-G262\TLEDSSVNL	493	1029
>TP53-G262\TLEDSSGNL	947	>TP53-G262\TLEDSSVNL	73	874
>TP53-G262\TLEDSSGNLL	736	>TP53-G262\TLEDSSVNLL	164	572

>TP53-G262\TLEDSSGNL	24	>TP53-G262\TLEDSSVNL	5	19
>TP53-G262\TLEDSSGNLL	23	>TP53-G262\TLEDSSVNL	8	15
>TP53-G262\ITLEDSSG	22648	>TP53-G262\ITLEDSSV	320	22328
>TP53-G262\ITLEDSSGNL	495	>TP53-G262\ITLEDSSVNL	290	205
>TP53-G262\ITLEDSSGNLL	536	>TP53-G262\ITLEDSSVNL	277	259
>TP53-G262\ITLEDSSG	20894	>TP53-G262\ITLEDSSV	313	20581
>TP53-G262\ITLEDSSGNL	471	>TP53-G262\ITLEDSSVNL	670	199
>TP53-G262\ITLEDSSG	11196	>TP53-G262\ITLEDSSV	50	11146
>TP53-G262\ITLEDSSGNL	371	>TP53-G262\ITLEDSSVNL	143	228
>TP53-G262\ITLEDSSGNLL	270	>TP53-G262\ITLEDSSVNL	165	105
>TP53-G262\ITLEDSSG	13834	>TP53-G262\ITLEDSSV	16	13818
>TP53-G262\ITLEDSSGNL	302	>TP53-G262\ITLEDSSVNL	152	150
>TP53-G262\ITLEDSSGNLL	339	>TP53-G262\ITLEDSSVNL	195	144
>TP53-G262\ITLEDSSG	17391	>TP53-G262\ITLEDSSV	68	17323
>TP53-G262\ITLEDSSGNL	1372	>TP53-G262\ITLEDSSVNL	399	973
>TP53-G262\ITLEDSSG	20426	>TP53-G262\ITLEDSSV	78	20348
>TP53-G262\ITLEDSSG	20259	>TP53-G262\ITLEDSSV	216	20043
>TP53-G262\ITLEDSSG	32773	>TP53-G262\ITLEDSSV	37	32736
>TP53-G262\ITLEDSSGNL	5735	>TP53-G262\ITLEDSSVNL	474	5261
>TP53-G262\ITLEDSSG	20700	>TP53-G262\ITLEDSSV	463	20237
>TP53-G262\ITLEDSSG	14853	>TP53-G262\ITLEDSSV	79	14774
>TP53-G262\ITLEDSSGNL	137	>TP53-G262\ITLEDSSVNL	118	19
>TP53-G262\ITLEDSSGNLL	354	>TP53-G262\ITLEDSSVNL	319	35
>TP53-G262\ITLEDSSGNL	2256	>TP53-G262\ITLEDSSVNL	358	1898
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>TP53-G262\ITLEDSSGNL	6	>TP53-G262\ITLEDSSVNL	5	1
>TP53-G262\ITLEDSSGNLL	18	>TP53-G262\ITLEDSSVNL	17	1
>TP53-G262\ITLEDSSGNLL	259	>TP53-G262\ITLEDSSVNL	218	41
>TP53-G262\ITLEDSSGN	1858	>TP53-G262\ITLEDSSVN	367	1491
>TP53-G262\ITLEDSSGNL	341	>TP53-G262\ITLEDSSVNL	474	133
>TP53-G262\ITLEDSSGNLL	30	>TP53-G262\ITLEDSSVNL	32	2
>TP53-G262\IITLEDSSG	34540	>TP53-G262\IITLEDSSV	40	34500
>TP53-G262\TIITLEDSSG	21695	>TP53-G262\TIITLEDSSV	308	21387
>TP53-G262\TIITLEDSSG	12011	>TP53-G262\TIITLEDSSV	101	11910
>TP53-G262\TIITLEDSSG	12202	>TP53-G262\TIITLEDSSV	38	12164
>TP53-G262\TIITLEDSSG	12300	>TP53-G262\TIITLEDSSV	79	12221
>TP53-G262\TIITLEDSSG	34505	>TP53-G262\TIITLEDSSV	130	34375
>TP53-G262\TIITLEDSSG	28635	>TP53-G262\TIITLEDSSV	401	28234
>TP53-G266\GRNSFEVR	405	>TP53-G266\ARNSFEVR	339	66
>TP53-G266\GRNSFEVRV	631	>TP53-G266\ARNSFEVRV	482	149
>TP53-G266\LGRNSFEV	3827	>TP53-G266\LARNSFEV	334	3493
>TP53-G266\LGRNSFEV	3319	>TP53-G266\LARNSFEV	74	3245
>TP53-G266\LGRNSFEVRV	6207	>TP53-G266\LARNSFEVRV	234	5973

>TP53-G266/LGRNSFEV	820	>TP53-G266/LARNSFEV	110	710
>TP53-G266/LGRNSFEVR	286	>TP53-G266/LARNSFEVR	40	246
>TP53-G266/LGRNSFEVR	4910	>TP53-G266/LARNSFEVR	336	4574
>TP53-G266/LGRNSFEV	2840	>TP53-G266/LARNSFEV	340	2500
>TP53-G266/LGRNSFEVR	2836	>TP53-G266/LARNSFEVR	389	2447
>TP53-G266/LGRNSFEVRV	2611	>TP53-G266/LARNSFEVRV	339	2272
>TP53-G266/TLEDSSGNLL	11553	>TP53-G266/TLEDSSGNLL	52	11501
>TP53-G266/LLGRNSFEV	26	>TP53-G266/LLARNSFEV	9	17
>TP53-G266/LLGRNSFEVR'	137	>TP53-G266/LLARNSFEVR'	28	109
>TP53-G266/LLGRNSFEV	16	>TP53-G266/LLARNSFEV	3	13
>TP53-G266/LLGRNSFEVR'	62	>TP53-G266/LLARNSFEVR'	7	55
>TP53-G266/LLGRNSFEV	47	>TP53-G266/LLARNSFEV	6	41
>TP53-G266/LLGRNSFEVR'	214	>TP53-G266/LLARNSFEVR'	16	198
>TP53-G266/LLGRNSFEV	39	>TP53-G266/LLARNSFEV	7	32
>TP53-G266/LLGRNSFEVR'	582	>TP53-G266/LLARNSFEVR'	87	495
>TP53-G266/LLGRNSFEV	2	>TP53-G266/LLARNSFEV	2	0
>TP53-G266/LLGRNSFEVR'	3	>TP53-G266/LLARNSFEVR'	3	0
>TP53-G266/LLGRNSFEV	2	>TP53-G266/LLARNSFEV	2	0
>TP53-G266/LLGRNSFEVR'	7	>TP53-G266/LLARNSFEVR'	8	1
>TP53-G266/LLGRNSFEV	5	>TP53-G266/LLARNSFEV	5	0
>TP53-G266/LLGRNSFEVR'	9	>TP53-G266/LLARNSFEVR'	7	2
>TP53-G266/LLGRNSFEV	2	>TP53-G266/LLARNSFEV	2	0
>TP53-G266/LLGRNSFEVR'	6	>TP53-G266/LLARNSFEVR'	4	2
>TP53-G266/LLGRNSFEV	2	>TP53-G266/LLARNSFEV	1	1
>TP53-G266/LLGRNSFEVR'	2	>TP53-G266/LLARNSFEVR'	2	0
>TP53-G266/LLGRNSFEVR	429	>TP53-G266/LLARNSFEVR	340	89
>TP53-G266/LLGRNSFEV	3452	>TP53-G266/LLARNSFEV	103	3349
>TP53-G266/LLGRNSFEVR'	6410	>TP53-G266/LLARNSFEVR'	413	5997
>TP53-G266/LLGRNSFEV	425	>TP53-G266/LLARNSFEV	104	321
>TP53-G266/NLLGRNSFEV	29	>TP53-G266/NLLARNSFEV	28	1
>TP53-G266/NLLGRNSFEV	89	>TP53-G266/NLLARNSFEV	80	9
>TP53-G266/NLLGRNSFEV	94	>TP53-G266/NLLARNSFEV	74	20
>TP53-G266/NLLGRNSFEV	137	>TP53-G266/NLLARNSFEV	184	47
>TP53-G266/NLLGRNSFEV	3	>TP53-G266/NLLARNSFEV	3	0
>TP53-G266/NLLGRNSFEV	5	>TP53-G266/NLLARNSFEV	5	0
>TP53-G266/NLLGRNSFEV	7	>TP53-G266/NLLARNSFEV	7	0
>TP53-G266/NLLGRNSFEV	3	>TP53-G266/NLLARNSFEV	3	0
>TP53-G266/NLLGRNSFEV	3	>TP53-G266/NLLARNSFEV	3	0
>TP53-G266/NLLGRNSFEV	502	>TP53-G266/NLLARNSFEV	230	272
>TP53-G266/NLLGRNSFEV	109	>TP53-G266/NLLARNSFEV	125	16
>TP53-G266/NLLGRNSFEV	309	>TP53-G266/NLLARNSFEV	240	69
>TP53-G266/NLLGRNSFEV	52	>TP53-G266/NLLARNSFEV	31	21
>TP53-G266/NLLGRNSF	501	>TP53-G266/NLLARNSF	162	339

>TP53-G266/NLLGRNSF	968	>TP53-G266/NLLARNSF	459	509
>TP53-G266/NLLGRNSF	65	>TP53-G266/NLLARNSF	63	2
>TP53-G266/NLLGRNSF	418	>TP53-G266/NLLARNSF	94	324
>TP53-G266/NLLGRNSFEV	195	>TP53-G266/NLLARNSFEV	159	36
>TP53-G266/SGNLLGRNSF	311	>TP53-G266/SGNLLARNSF	269	42
>TP53-G266/SSGNLLGR	627	>TP53-G266/SSGNLLAR	383	244
>TP53-G266/SSGNLLGR	554	>TP53-G266/SSGNLLAR	144	410
>TP53-G266/SSGNLLGRNS	245	>TP53-G266/SSGNLLARNS	182	63
>TP53-G266/SSGNLLGRNS	701	>TP53-G266/SSGNLLARNS	401	300
>TP53-G266/SSGNLLGRNS	390	>TP53-G266/SSGNLLARNS	237	153
>TP53-G266/SSGNLLGRNS	32	>TP53-G266/SSGNLLARNS	39	7
>TP53-G266/SSGNLLGR	357	>TP53-G266/SSGNLLAR	286	71
>TP53-G266/DSSGNLLGR	664	>TP53-G266/DSSGNLLAR	227	437
>TP53-G266/DSSGNLLGR	68	>TP53-G266/DSSGNLLAR	79	11
>TP53-G266ERNSFEVR	8679	>TP53-G266ERNSFEVR	243	8436
>TP53-G266ERNSFEVR	405	>TP53-G266ERNSFEVR	3111	2706
>TP53-G266ELGRNSFEVR	286	>TP53-G266ELERNSFEVR	2344	2058
>TP53-G266ELGRNSFEV	36258	>TP53-G266ELERNSFEV	61	36197
>TP53-G266ELGRNSFEV	40387	>TP53-G266ELERNSFEV	356	40031
>TP53-G266ELGRNSFEV	21797	>TP53-G266ELERNSFEV	115	21682
>TP53-G266ELGRNSFEVRV	36580	>TP53-G266ELERNSFEVRV	304	36276
>TP53-G266ELLGRNSFEV	26	>TP53-G266ELLERNSFEV	75	49
>TP53-G266ELLGRNSFEVR	137	>TP53-G266ELLERNSFEVR	482	345
>TP53-G266ELLGRNSFEV	16	>TP53-G266ELLERNSFEV	21	5
>TP53-G266ELLGRNSFEVR	62	>TP53-G266ELLERNSFEVR	94	32
>TP53-G266ELLGRNSFEV	47	>TP53-G266ELLERNSFEV	244	197
>TP53-G266ELLGRNSFEVR	214	>TP53-G266ELLERNSFEVR	916	702
>TP53-G266ELLGRNSFEV	39	>TP53-G266ELLERNSFEV	52	13
>TP53-G266ELLGRNSFEV	2	>TP53-G266ELLERNSFEV	4	2
>TP53-G266ELLGRNSFEVR	3	>TP53-G266ELLERNSFEVR	10	7
>TP53-G266ELLGRNSFEV	2	>TP53-G266ELLERNSFEV	3	1
>TP53-G266ELLGRNSFEVR	7	>TP53-G266ELLERNSFEVR	19	12
>TP53-G266ELLGRNSFEV	5	>TP53-G266ELLERNSFEV	14	9
>TP53-G266ELLGRNSFEVR	9	>TP53-G266ELLERNSFEVR	71	62
>TP53-G266ELLGRNSFEV	2	>TP53-G266ELLERNSFEV	10	8
>TP53-G266ELLGRNSFEVR	6	>TP53-G266ELLERNSFEVR	146	140
>TP53-G266ELLGRNSFEV	2	>TP53-G266ELLERNSFEV	2	0
>TP53-G266ELLGRNSFEVR	2	>TP53-G266ELLERNSFEVR	2	0
>TP53-G266ELLGRNSFEVR	429	>TP53-G266ELLERNSFEVR	1100	671
>TP53-G266ELLGRNSFEV	425	>TP53-G266ELLERNSFEV	1055	630
>TP53-G266ENLLGRNSFEV	29	>TP53-G266ENLLERNSFEV	23	6
>TP53-G266ENLLGRNSFEV	89	>TP53-G266ENLLERNSFEV	81	8
>TP53-G266ENLLGRNSFEV	94	>TP53-G266ENLLERNSFEV	93	1

>TP53-G266E NLLGRNSFEV	137	>TP53-G266E NLLERNSFEV	131	6
>TP53-G266E NLLGRNSFEV	3	>TP53-G266E NLLERNSFEV	2	1
>TP53-G266E NLLGRNSFEV	5	>TP53-G266E NLLERNSFEV	3	2
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>TP53-G266E NLLGRNSFEV	3	>TP53-G266E NLLERNSFEV	3	0
>TP53-G266E NLLGRNSFEV	502	>TP53-G266E NLLERNSFEV	482	20
>TP53-G266E NLLGRNSFEV	109	>TP53-G266E NLLERNSFEV	82	27
>TP53-G266E NLLGRNSFEV	309	>TP53-G266E NLLERNSFEV	244	65
>TP53-G266E NLLGRNSFEV	52	>TP53-G266E NLLERNSFEV	14	38
>TP53-G266E NLLGRNSF	501	>TP53-G266E NLLERNSF	241	260
>TP53-G266E NLLGRNSF	65	>TP53-G266E NLLERNSF	116	51
>TP53-G266E NLLGRNSF	418	>TP53-G266E NLLERNSF	163	255
>TP53-G266E NLLGRNSFEV	195	>TP53-G266E NLLERNSFEV	325	130
>TP53-G266E SGNLLGRNSF	311	>TP53-G266E SGNLLERNSF	408	97
>TP53-G266E SSGNLLGR	627	>TP53-G266E SSGNLLER	373	254
>TP53-G266E SSGNLLGR	554	>TP53-G266E SSGNLLER	243	311
>TP53-G266E SSGNLLGRNS	974	>TP53-G266E SSGNLLERNS	462	512
>TP53-G266E SSGNLLGR	744	>TP53-G266E SSGNLLER	430	314
>TP53-G266E SSGNLLGRNS	245	>TP53-G266E SSGNLLERNS	321	76
>TP53-G266E SSGNLLGRNS	390	>TP53-G266E SSGNLLERNS	625	235
>TP53-G266E SSGNLLGRNS	32	>TP53-G266E SSGNLLERNS	59	27
>TP53-G266E SSGNLLGR	357	>TP53-G266E SSGNLLER	251	106
>TP53-G266E DSSGNLLGR	664	>TP53-G266E DSSGNLLER	378	286
>TP53-G266E DSSGNLLGR	68	>TP53-G266E DSSGNLLER	42	26
>TP53-G266F GRNSFEVR	2808	>TP53-G266F RRNSFEVR	318	2490
>TP53-G266F GRNSFEVRV	1849	>TP53-G266F RRNSFEVRV	253	1596
>TP53-G266F GRNSFEVR	405	>TP53-G266F RRNSFEVR	62	343
>TP53-G266F GRNSFEVRV	631	>TP53-G266F RRNSFEVRV	74	557
>TP53-G266F GRNSFEVRVC	3082	>TP53-G266F RRNSFEVRVC	238	2844
>TP53-G266F GRNSFEVRVC	1232	>TP53-G266F RRNSFEVRVC	165	1067
>TP53-G266F GRNSFEVR	14033	>TP53-G266F RRNSFEVR	141	13892
>TP53-G266F GRNSFEVRV	1254	>TP53-G266F RRNSFEVRV	94	1160
>TP53-G266F GRNSFEVRVC	4653	>TP53-G266F RRNSFEVRVC	317	4336
>TP53-G266F GRNSFEVRV	1117	>TP53-G266F RRNSFEVRV	320	797
>TP53-G266F GRNSFEVR	4432	>TP53-G266F RRNSFEVR	152	4280
>TP53-G266F LGRNSFEVR	286	>TP53-G266F LRRNSFEVR	5684	5398
>TP53-G266F LGRNSFEV	2840	>TP53-G266F LRRNSFEV	91	2749
>TP53-G266F LGRNSFEVR	2836	>TP53-G266F LRRNSFEVR	113	2723
>TP53-G266F LGRNSFEVRV	2611	>TP53-G266F LRRNSFEVRV	115	2496
>TP53-G266F TLEDSSGNLLI	35710	>TP53-G266F TLEDSSGNLLI	113	35597
>TP53-G266F LLGRNSFEV	26	>TP53-G266F LLRRNSFEV	167	141
>TP53-G266F LLGRNSFEVR	137	>TP53-G266F LLRRNSFEVR	1105	968



>TP53-G266F LLGRNSFEV	16	>TP53-G266F LLRRNSFEV	58	42
>TP53-G266F LLGRNSFEVR	62	>TP53-G266F LLRRNSFEVR	271	209
>TP53-G266F LLGRNSFEV	47	>TP53-G266F LLRRNSFEV	19	28
>TP53-G266F LLGRNSFEVR	214	>TP53-G266F LLRRNSFEVR	82	132
>TP53-G266F LLGRNSFEV	39	>TP53-G266F LLRRNSFEV	139	100
>TP53-G266F LLGRNSFEV	2	>TP53-G266F LLRRNSFEV	4	2
>TP53-G266F LLGRNSFEVR	3	>TP53-G266F LLRRNSFEVR	9	6
>TP53-G266F LLGRNSFEV	2	>TP53-G266F LLRRNSFEV	4	2
>TP53-G266F LLGRNSFEVR	7	>TP53-G266F LLRRNSFEVR	43	36
>TP53-G266F LLGRNSFEV	5	>TP53-G266F LLRRNSFEV	13	8
>TP53-G266F LLGRNSFEVR	9	>TP53-G266F LLRRNSFEVR	67	58
>TP53-G266F LLGRNSFEV	2	>TP53-G266F LLRRNSFEV	9	7
>TP53-G266F LLGRNSFEVR	6	>TP53-G266F LLRRNSFEVR	193	187
>TP53-G266F LLGRNSFEV	2	>TP53-G266F LLRRNSFEV	2	0
>TP53-G266F LLGRNSFEVR	2	>TP53-G266F LLRRNSFEVR	2	0
>TP53-G266F LLGRNSFEV	11873	>TP53-G266F LLRRNSFEV	42	11831
>TP53-G266F LLGRNSFEVR	14331	>TP53-G266F LLRRNSFEVR	241	14090
>TP53-G266F LLGRNSFEVR	429	>TP53-G266F LLRRNSFEVR	84	345
>TP53-G266F LLGRNSFEVR	1284	>TP53-G266F LLRRNSFEVR	457	827
>TP53-G266F LLGRNSFEV	425	>TP53-G266F LLRRNSFEV	1879	1454
>TP53-G266F NLLGRNSFEV	29	>TP53-G266F NLLRRNSFEV	66	37
>TP53-G266F NLLGRNSFEV	89	>TP53-G266F NLLRRNSFEV	272	183
>TP53-G266F NLLGRNSFEV	94	>TP53-G266F NLLRRNSFEV	130	36
>TP53-G266F NLLGRNSFEV	137	>TP53-G266F NLLRRNSFEV	337	200
>TP53-G266F NLLGRNSFEV	3	>TP53-G266F NLLRRNSFEV	4	1
>TP53-G266F NLLGRNSFEV	5	>TP53-G266F NLLRRNSFEV	5	0
>TP53-G266F NLLGRNSFEV	7	>TP53-G266F NLLRRNSFEV	9	2
>TP53-G266F NLLGRNSFEV	3	>TP53-G266F NLLRRNSFEV	5	2
>TP53-G266F NLLGRNSFEV	3	>TP53-G266F NLLRRNSFEV	4	1
>TP53-G266F NLLGRNSFEV	502	>TP53-G266F NLLRRNSFEV	210	292
>TP53-G266F NLLGRNSFEV	109	>TP53-G266F NLLRRNSFEV	119	10
>TP53-G266F NLLGRNSFEV	309	>TP53-G266F NLLRRNSFEV	339	30
>TP53-G266F NLLGRNSFEV	52	>TP53-G266F NLLRRNSFEV	62	10
>TP53-G266F NLLGRNSF	501	>TP53-G266F NLLRRNSF	39	462
>TP53-G266F NLLGRNSF	65	>TP53-G266F NLLRRNSF	166	101
>TP53-G266F NLLGRNSF	418	>TP53-G266F NLLRRNSF	106	312
>TP53-G266F NLLGRNSFEV	195	>TP53-G266F NLLRRNSFEV	369	174
>TP53-G266F SGNLLGRNSF	311	>TP53-G266F SGNLLRRNSF	408	97
>TP53-G266F SSGNLLGR	554	>TP53-G266F SSGNLLRR	269	285
>TP53-G266F SSGNLLGRNS	245	>TP53-G266F SSGNLLRRNS	370	125
>TP53-G266F SSGNLLGRNS	390	>TP53-G266F SSGNLLRRNS	407	17
>TP53-G266F SSGNLLGRNS	32	>TP53-G266F SSGNLLRRNS	58	26
>TP53-G266F SSGNLLGR	357	>TP53-G266F SSGNLLRR	222	135

>TP53-G266FDSSGNLLG	33180	>TP53-G266FDSSGNLLR	114	33066
>TP53-G266FDSSGNLLG	28652	>TP53-G266FDSSGNLLR	22	28630
>TP53-G266FDSSGNLLGR	68	>TP53-G266FDSSGNLLRR	58	10
>TP53-G266FEDSSGNLLG	36658	>TP53-G266FEDSSGNLLR	169	36489
>TP53-G2667GRNSFEVR	405	>TP53-G2667TRNSFEVR	1142	737
>TP53-G2667LGRNSFEV	8641	>TP53-G2667LTRNSFEV	383	8258
>TP53-G2667LGRNSFEV	3827	>TP53-G2667LTRNSFEV	205	3622
>TP53-G2667LGRNSFEV	7800	>TP53-G2667LTRNSFEV	328	7472
>TP53-G2667LGRNSFEV	3319	>TP53-G2667LTRNSFEV	54	3265
>TP53-G2667LGRNSFEVRV	6207	>TP53-G2667LTRNSFEVRV	171	6036
>TP53-G2667LGRNSFEV	820	>TP53-G2667LTRNSFEV	25	795
>TP53-G2667LGRNSFEVR	6129	>TP53-G2667LTRNSFEVR	400	5729
>TP53-G2667LGRNSFEVRV	2669	>TP53-G2667LTRNSFEVRV	97	2572
>TP53-G2667LGRNSFEVR	286	>TP53-G2667LTRNSFEVR	18	268
>TP53-G2667LGRNSFEVR	12847	>TP53-G2667LTRNSFEVR	286	12561
>TP53-G2667LGRNSFEVR	4910	>TP53-G2667LTRNSFEVR	101	4809
>TP53-G2667LGRNSFEV	12807	>TP53-G2667LTRNSFEV	383	12424
>TP53-G2667LGRNSFEVRV	22519	>TP53-G2667LTRNSFEVRV	257	22262
>TP53-G2667LGRNSFEV	13156	>TP53-G2667LTRNSFEV	80	13076
>TP53-G2667LGRNSFEVRV	15669	>TP53-G2667LTRNSFEVRV	192	15477
>TP53-G2667LGRNSFEVR	5777	>TP53-G2667LTRNSFEVR	180	5597
>TP53-G2667LGRNSFEVRV	9083	>TP53-G2667LTRNSFEVRV	229	8854
>TP53-G2667LLGRNSFEV	26	>TP53-G2667LLTRNSFEV	17	9
>TP53-G2667LLGRNSFEVR	137	>TP53-G2667LLTRNSFEVR	88	49
>TP53-G2667LLGRNSFEV	16	>TP53-G2667LLTRNSFEV	10	6
>TP53-G2667LLGRNSFEVR	62	>TP53-G2667LLTRNSFEVR	33	29
>TP53-G2667LLGRNSFEV	47	>TP53-G2667LLTRNSFEV	25	22
>TP53-G2667LLGRNSFEVR	214	>TP53-G2667LLTRNSFEVR	103	111
>TP53-G2667LLGRNSFEV	39	>TP53-G2667LLTRNSFEV	14	25
>TP53-G2667LLGRNSFEVR	582	>TP53-G2667LLTRNSFEVR	211	371
>TP53-G2667LLGRNSFEV	2	>TP53-G2667LLTRNSFEV	2	0
>TP53-G2667LLGRNSFEVR	3	>TP53-G2667LLTRNSFEVR	4	1
>TP53-G2667LLGRNSFEV	2	>TP53-G2667LLTRNSFEV	3	1
>TP53-G2667LLGRNSFEVR	7	>TP53-G2667LLTRNSFEVR	10	3
>TP53-G2667LLGRNSFEV	5	>TP53-G2667LLTRNSFEV	5	0
>TP53-G2667LLGRNSFEVR	9	>TP53-G2667LLTRNSFEVR	9	0
>TP53-G2667LLGRNSFEV	2	>TP53-G2667LLTRNSFEV	3	1
>TP53-G2667LLGRNSFEVR	6	>TP53-G2667LLTRNSFEVR	15	9
>TP53-G2667LLGRNSFEV	2	>TP53-G2667LLTRNSFEV	1	1
>TP53-G2667LLGRNSFEVR	2	>TP53-G2667LLTRNSFEVR	2	0
>TP53-G2667LLGRNSFEVR	429	>TP53-G2667LLTRNSFEVR	233	196
>TP53-G2667LLGRNSFEV	425	>TP53-G2667LLTRNSFEV	476	51
>TP53-G2667NLLGRNSFEV	29	>TP53-G2667NLLTRNSFEV	37	8

>TP53-G2661NLLGRNSFEV	89	>TP53-G2661NLLTRNSFEV	98	9
>TP53-G2661NLLGRNSFEV	94	>TP53-G2661NLLTRNSFEV	108	14
>TP53-G2661NLLGRNSFEV	137	>TP53-G2661NLLTRNSFEV	163	26
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>TP53-G2661NLLGRNSFEV	5	>TP53-G2661NLLTRNSFEV	5	0
>TP53-G2661NLLGRNSFEV	7	>TP53-G2661NLLTRNSFEV	9	2
>TP53-G2661NLLGRNSFEV	3	>TP53-G2661NLLTRNSFEV	4	1
>TP53-G2661NLLGRNSFEV	3	>TP53-G2661NLLTRNSFEV	4	1
>TP53-G2661NLLGRNSFEV	502	>TP53-G2661NLLTRNSFEV	328	174
>TP53-G2661NLLGRNSFEV	109	>TP53-G2661NLLTRNSFEV	159	50
>TP53-G2661NLLGRNSFEV	309	>TP53-G2661NLLTRNSFEV	273	36
>TP53-G2661NLLGRNSFEV	52	>TP53-G2661NLLTRNSFEV	58	6
>TP53-G2661NLLGRNSF	501	>TP53-G2661NLLTRNSF	134	367
>TP53-G2661NLLGRNSF	65	>TP53-G2661NLLTRNSF	158	93
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>TP53-G2661NLLGRNSFEV	195	>TP53-G2661NLLTRNSFEV	162	33
>TP53-G2661GNLLGRNSF	1249	>TP53-G2661GNLLTRNSF	477	772
>TP53-G2661GNLLGRNSF	525	>TP53-G2661GNLLTRNSF	467	58
>TP53-G2661SGNLLGRNSF	311	>TP53-G2661SGNLLTRNSF	388	77
>TP53-G2661SSGNLLGR	554	>TP53-G2661SSGNLLTR	176	378
>TP53-G2661SSGNLLGRNS	974	>TP53-G2661SSGNLLTRNS	355	619
>TP53-G2661SSGNLLGRNS	245	>TP53-G2661SSGNLLTRNS	217	28
>TP53-G2661SSGNLLGRNS	701	>TP53-G2661SSGNLLTRNS	252	449
>TP53-G2661SSGNLLGRNS	390	>TP53-G2661SSGNLLTRNS	277	113
>TP53-G2661SSGNLLGRNS	32	>TP53-G2661SSGNLLTRNS	24	8
>TP53-G2661SSGNLLGR	357	>TP53-G2661SSGNLLTR	279	78
>TP53-G2661DSSGNLLGR	664	>TP53-G2661DSSGNLLTR	259	405
>TP53-G2661DSSGNLLGR	68	>TP53-G2661DSSGNLLTR	47	21
>TP53-G266\GRNSFEVR	405	>TP53-G266\VRNSFEVR	1007	602
>TP53-G266\LGRNSFEV	8641	>TP53-G266\LVRNSFEV	121	8520
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>TP53-G266\LGRNSFEV	3319	>TP53-G266\LVRNSFEV	8	3311
>TP53-G266\LGRNSFEVRV	6207	>TP53-G266\LVRNSFEVRV	17	6190
>TP53-G266\LGRNSFEV	820	>TP53-G266\LVRNSFEV	36	784
>TP53-G266\LGRNSFEVRV	2669	>TP53-G266\LVRNSFEVRV	160	2509
>TP53-G266\LGRNSFEVR	286	>TP53-G266\LVRNSFEVR	27	259
>TP53-G266\LGRNSFEVR	4910	>TP53-G266\LVRNSFEVR	283	4627
>TP53-G266\TLEDSSGNLL\	22393	>TP53-G266\TLEDSSGNLL\	262	22131
>TP53-G266\TLEDSSGNLL\	10126	>TP53-G266\TLEDSSGNLL\	49	10077
>TP53-G266\TLEDSSGNLL\	18799	>TP53-G266\TLEDSSGNLL\	66	18733
>TP53-G266\TLEDSSGNLL\	25673	>TP53-G266\TLEDSSGNLL\	311	25362
>TP53-G266\TLEDSSGNLL\	19086	>TP53-G266\TLEDSSGNLL\	80	19006

>TP53-G266\TLEDSSGNLL\	23407	>TP53-G266\TLEDSSGNLL\	74	23333
>TP53-G266\TLEDSSGNLL\	21639	>TP53-G266\TLEDSSGNLL\	102	21537
>TP53-G266\TLEDSSGNLL\	11553	>TP53-G266\TLEDSSGNLL\	3	11550
>TP53-G266\LLGRNSFEV	26	>TP53-G266\LLVRNSFEV	17	9
>TP53-G266\LLGRNSFEVR'	137	>TP53-G266\LLVRNSFEVR'	75	62
>TP53-G266\LLGRNSFEV	16	>TP53-G266\LLVRNSFEV	8	8
>TP53-G266\LLGRNSFEVR'	62	>TP53-G266\LLVRNSFEVR'	30	32
>TP53-G266\LLGRNSFEV	47	>TP53-G266\LLVRNSFEV	13	34
>TP53-G266\LLGRNSFEVR'	214	>TP53-G266\LLVRNSFEVR'	45	169
>TP53-G266\LLGRNSFEV	39	>TP53-G266\LLVRNSFEV	8	31
>TP53-G266\LLGRNSFEVR'	582	>TP53-G266\LLVRNSFEVR'	80	502
>TP53-G266\LLGRNSFEV	2	>TP53-G266\LLVRNSFEV	2	0
>TP53-G266\LLGRNSFEVR'	3	>TP53-G266\LLVRNSFEVR'	3	0
>TP53-G266\LLGRNSFEV	2	>TP53-G266\LLVRNSFEV	2	0
>TP53-G266\LLGRNSFEVR'	7	>TP53-G266\LLVRNSFEVR'	8	1
>TP53-G266\LLGRNSFEV	5	>TP53-G266\LLVRNSFEV	6	1
>TP53-G266\LLGRNSFEVR'	9	>TP53-G266\LLVRNSFEVR'	12	3
>TP53-G266\LLGRNSFEV	2	>TP53-G266\LLVRNSFEV	3	1
>TP53-G266\LLGRNSFEVR'	6	>TP53-G266\LLVRNSFEVR'	17	11
>TP53-G266\LLGRNSFEV	2	>TP53-G266\LLVRNSFEV	2	0
>TP53-G266\LLGRNSFEVR'	2	>TP53-G266\LLVRNSFEVR'	2	0
>TP53-G266\LLGRNSFEVR	429	>TP53-G266\LLVRNSFEVR	273	156
>TP53-G266\LLGRNSFEV	3452	>TP53-G266\LLVRNSFEV	341	3111
>TP53-G266\LLGRNSFEV	425	>TP53-G266\LLVRNSFEV	203	222
>TP53-G266\NLLGRNSFEV	29	>TP53-G266\NLLVRNSFEV	50	21
>TP53-G266\NLLGRNSFEV	89	>TP53-G266\NLLVRNSFEV	217	128
>TP53-G266\NLLGRNSFEV	94	>TP53-G266\NLLVRNSFEV	156	62
>TP53-G266\NLLGRNSFEV	137	>TP53-G266\NLLVRNSFEV	181	44
>TP53-G266\NLLGRNSFEV	3	>TP53-G266\NLLVRNSFEV	7	4
>TP53-G266\NLLGRNSFEV	5	>TP53-G266\NLLVRNSFEV	7	2
>TP53-G266\NLLGRNSFEV	7	>TP53-G266\NLLVRNSFEV	9	2
>TP53-G266\NLLGRNSFEV	3	>TP53-G266\NLLVRNSFEV	4	1
>TP53-G266\NLLGRNSFEV	3	>TP53-G266\NLLVRNSFEV	5	2
>TP53-G266\NLLGRNSFEV	502	>TP53-G266\NLLVRNSFEV	249	253
>TP53-G266\NLLGRNSFEV	109	>TP53-G266\NLLVRNSFEV	92	17
>TP53-G266\NLLGRNSFEV	309	>TP53-G266\NLLVRNSFEV	307	2
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>TP53-G266\NLLGRNSF	501	>TP53-G266\NLLVRNSF	162	339
>TP53-G266\NLLGRNSF	65	>TP53-G266\NLLVRNSF	138	73
>TP53-G266\NLLGRNSF	418	>TP53-G266\NLLVRNSF	163	255
>TP53-G266\NLLGRNSFEV	195	>TP53-G266\NLLVRNSFEV	422	227
>TP53-G266\GNLLGRNSF	525	>TP53-G266\GNLLVRNSF	440	85
>TP53-G266\SGNLLGRNSF	311	>TP53-G266\SGNLLVRNSF	368	57

>TP53-G266\SSGNLLGR	554	>TP53-G266\SSGNLLVR	263	291
>TP53-G266\SSGNLLGRNS	974	>TP53-G266\SSGNLLVRNS	205	769
>TP53-G266\SSGNLLGRNS	245	>TP53-G266\SSGNLLVRNS	267	22
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>TP53-G266\SSGNLLGRNS	32	>TP53-G266\SSGNLLVRNS	42	10
>TP53-G266\SSGNLLGR	357	>TP53-G266\SSGNLLVR	352	5
>TP53-G266\DSSGNLLGR	68	>TP53-G266\DSSGNLLVR	101	33
>TP53-G266\DSSGNLLG	15878	>TP53-G266\DSSGNLLV	306	15572
>TP53-G266\EDSSGNLLG	27962	>TP53-G266\EDSSGNLLV	317	27645
>TP53-G266\LEDSSGNLLG	25664	>TP53-G266\LEDSSGNLLV	222	25442
>TP53-G279\GRDRRTEEN	446	>TP53-G279\ERDRRTEEN	6363	5917
>TP53-G279\CACPGRDRR	132	>TP53-G279\CACPERDRR	155	23
>TP53-G279\RVCACPCR	367	>TP53-G279\RVCACPER	253	114
>TP53-G279\RVCACPCRDI	435	>TP53-G279\RVCACPERDF	470	35
>TP53-G279\RVCACPCR	40	>TP53-G279\RVCACPER	25	15
>TP53-G279\RVCACPCRDI	37	>TP53-G279\RVCACPERDF	61	24
>TP53-G279\RVCACPCRDI	33	>TP53-G279\RVCACPERDF	43	10
>TP53-G279\RVCACPCR	481	>TP53-G279\RVCACPER	287	194
>TP53-G279\RVCACPCRDI	584	>TP53-G279\RVCACPERDF	437	147
>TP53-G279\RVCACPCRDI	297	>TP53-G279\RVCACPERDF	428	131
>TP53-G279\RVCACPCR	66	>TP53-G279\RVCACPER	117	51
>TP53-G279\RVCACPCRDI	255	>TP53-G279\RVCACPERDF	206	49
>TP53-G279\RVCACPCRDI	109	>TP53-G279\RVCACPERDF	70	39
>TP53-G279\EVRVCACPGF	329	>TP53-G279\EVRVCACPER	263	66
>TP53-G279\EVRVCACPGF	70	>TP53-G279\EVRVCACPER	51	19
>TP53-G279\FEVRVCACPC	370	>TP53-G279\FEVRVCACPE	277	93
>TP53-G279\GRDRRTEE	5114	>TP53-G279\RRDRRTEE	51	5063
>TP53-G279\GRDRRTEEN	6004	>TP53-G279\RRDRRTEEN	210	5794
>TP53-G279\GRDRRTEEN	1630	>TP53-G279\RRDRRTEEN	136	1494
>TP53-G279\GRDRRTEEN	446	>TP53-G279\RRDRRTEEN	200	246
>TP53-G279\SFEVRVCACP	20484	>TP53-G279\SFEVRVCACP	34	20450
>TP53-G279\SFEVRVCACP	35643	>TP53-G279\SFEVRVCACP	163	35480
>TP53-G279\SFEVRVCACP	29821	>TP53-G279\SFEVRVCACP	46	29775
>TP53-G279\CACPGRDRR	921	>TP53-G279\CACPRRDRR	308	613
>TP53-G279\CACPGRDR	1363	>TP53-G279\CACPRRDR	343	1020
>TP53-G279\CACPGRDRR	545	>TP53-G279\CACPRRDRR	199	346
>TP53-G279\CACPGRDRR	132	>TP53-G279\CACPRRDRR	130	2
>TP53-G279\RVCACPCR	367	>TP53-G279\RVCACPRR	354	13
>TP53-G279\RVCACPCRDI	435	>TP53-G279\RVCACPRRDF	469	34
>TP53-G279\RVCACPCR	40	>TP53-G279\RVCACPRR	28	12
>TP53-G279\RVCACPCRDI	37	>TP53-G279\RVCACPRRDF	12	25
>TP53-G279\RVCACPCRDI	33	>TP53-G279\RVCACPRRDF	25	8

>TP53-G279F RVCACPGR	481	>TP53-G279F RVCACPRR	556	75
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>TP53-G279F RVCACPGR	66	>TP53-G279F RVCACPRR	76	10
>TP53-G279F RVCACPGRDI	255	>TP53-G279F RVCACPRRDF	153	102
>TP53-G279F RVCACPGRDI	109	>TP53-G279F RVCACPRRDF	72	37
>TP53-G279F VRVCACPG	33690	>TP53-G279F VRVCACPR	300	33390
>TP53-G279F EVRVCACPG	23001	>TP53-G279F EVRVCACPR	251	22750
>TP53-G279F EVRVCACPG	19612	>TP53-G279F EVRVCACPR	21	19591
>TP53-G279F EVRVCACPGF	329	>TP53-G279F EVRVCACPRF	402	73
>TP53-G279F EVRVCACPG	30329	>TP53-G279F EVRVCACPR	25	30304
>TP53-G279F EVRVCACPGF	70	>TP53-G279F EVRVCACPRF	93	23
>TP53-G279F EVRVCACPG	33076	>TP53-G279F EVRVCACPR	92	32984
>TP53-G279F FEVRVCACPC	370	>TP53-G279F FEVRVCACPR	336	34
>TP53-G279\ GRDRRTEEN	446	>TP53-G279\ VRDRRTEEN	1680	1234
>TP53-G279\ CACPGRDRR	921	>TP53-G279\ CACPVRDRR	356	565
>TP53-G279\ CACPGRDRR	545	>TP53-G279\ CACPVRDRR	241	304
>TP53-G279\ CACPGRDR	824	>TP53-G279\ CACPVRDR	227	597
>TP53-G279\ CACPGRDRR	132	>TP53-G279\ CACPVRDRR	33	99
>TP53-G279\ RVCACPGR	367	>TP53-G279\ RVCACPVR	285	82
>TP53-G279\ RVCACPGRDI	435	>TP53-G279\ RVCACPVRDF	205	230
>TP53-G279\ RVCACPGR	40	>TP53-G279\ RVCACPVR	27	13
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>TP53-G279\ RVCACPGRDI	33	>TP53-G279\ RVCACPVRDF	21	12
>TP53-G279\ RVCACPGR	481	>TP53-G279\ RVCACPVR	444	37
>TP53-G279\ RVCACPGRDI	584	>TP53-G279\ RVCACPVRDF	239	345
>TP53-G279\ RVCACPGRDI	297	>TP53-G279\ RVCACPVRDF	111	186
>TP53-G279\ RVCACPGR	66	>TP53-G279\ RVCACPVR	58	8
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>TP53-G279\ RVCACPGRDI	109	>TP53-G279\ RVCACPVRDF	66	43
>TP53-G279\ VRVCACPG	6273	>TP53-G279\ VRVCACPV	343	5930
>TP53-G279\ EVRVCACPGF	329	>TP53-G279\ EVRVCACPVF	560	231
>TP53-G279\ EVRVCACPGF	70	>TP53-G279\ EVRVCACPVF	98	28
>TP53-G279\ EVRVCACPG	16572	>TP53-G279\ EVRVCACPV	69	16503
>TP53-G279\ EVRVCACPG	18198	>TP53-G279\ EVRVCACPV	120	18078
>TP53-G279\ FEVRVCACPC	1728	>TP53-G279\ FEVRVCACPV	15	1713
>TP53-G279\ FEVRVCACPC	370	>TP53-G279\ FEVRVCACPV	430	60
>TP53-G279\ GRDRRTEEN	446	>TP53-G279\ WRDRRTEEEI	559	113
>TP53-G279\ CACPGRDRR	921	>TP53-G279\ CACPWRDRR	252	669
>TP53-G279\ CACPGRDR	1363	>TP53-G279\ CACPWRDR	257	1106
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>TP53-G279\ CACPGRDRR	132	>TP53-G279\ CACPWRDRR	109	23
>TP53-G279\ RVCACPGR	367	>TP53-G279\ RVCACPWR	221	146
>TP53-G279\ RVCACPGRDI	435	>TP53-G279\ RVCACPWRD	143	292

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>TP53-G279\RVCACPGRDI	33	>TP53-G279\RVCACPWRD	19	14
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>TP53-G279\RVCACPGRDI	584	>TP53-G279\RVCACPWRD	406	178
>TP53-G279\RVCACPGRDI	297	>TP53-G279\RVCACPWRD	122	175
>TP53-G279\RVCACPGR	66	>TP53-G279\RVCACPWR	53	13
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>TP53-G279\RVCACPGRDI	109	>TP53-G279\RVCACPWRD	45	64
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>TP53-G279\EVRVCACPGF	673	>TP53-G279\EVRVCACPW	253	420
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>TP53-G279\FEVRVCACPC	1728	>TP53-G279\FEVRVCACPV	75	1653
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>TP53-G279\FEVRVCACPC	18031	>TP53-G279\FEVRVCACPV	449	17582
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>TP53-G293\KGEPHHEL	8803	>TP53-G293\KREPHHEL	29	8774
>TP53-G293\KGEPHHEL	10699	>TP53-G293\KREPHHEL	138	10561
>TP53-G293\RTEEENLRKK	21126	>TP53-G293\RTEEENLRKK	230	20896
>TP53-G293\RTEEENLRKK	35343	>TP53-G293\RTEEENLRKK	273	35070
>TP53-G293\KKGEPHHEL	15624	>TP53-G293\KKREPHHEL	316	15308
>TP53-G293\KKGEPHHEL	167	>TP53-G293\KKREPHHEL	20	147
>TP53-G293\KKGEPHHELP	2691	>TP53-G293\KKREPHHELP	285	2406
>TP53-G293\RKKGEPHH	928	>TP53-G293\RKKREPHH	279	649
>TP53-G293\RKKGEPHHEL	62	>TP53-G293\RKKREPHHEL	19	43
>TP53-G293\RKKGEPHHEL	682	>TP53-G293\RKKREPHHEL	135	547
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>TP53-G293\LRKKGEPHHE	321	>TP53-G293\LRKKREPHHE	179	142
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>TP53-G293\KKGEPHHEL	167	>TP53-G293\KKVEPHHEL	32	135
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>TP53-G293\EENLRKKG	2483	>TP53-G293\EENLRKKV	56	2427
>TP53-G293\EENLRKKG	10827	>TP53-G293\EENLRKKV	40	10787

>TP53-G293\ EEENLRKKG	7336	>TP53-G293\ EEENLRKKV	450	6886
>TP53-G293\ TEEENLRKKG	10292	>TP53-G293\ TEEENLRKKV	37	10255
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>TP53-G293\ KKGEPHHELP	2691	>TP53-G293\ KKWEPHHEL	191	2500
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>TP53-G293\ LRKKGEPHHE	321	>TP53-G293\ LRKKWEPHH	285	36
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>TP53-G325\ GEYFTLQI	43	>TP53-G325\ AEYFTLQI	35	8
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>TP53-G325/GEYFTLQIR	3942	>TP53-G325/AEYFTLQIR	432	3510
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>TP53-G325/QPKKKPLDGE	812	>TP53-G325/QPKKKPLDAE	392	420
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>TP53-G325E GEYFTLQI	744	>TP53-G325E EEYFTLQI	363	381
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>TP53-G325E GEYFTLQIRG	916	>TP53-G325E EEYFTLQIRG	286	630
>TP53-G325E GEYFTLQI	11	>TP53-G325E EEYFTLQI	142	131
>TP53-G325E GEYFTLQIR	190	>TP53-G325E EEYFTLQIR	7389	7199
>TP53-G325E DGEYFTLQI	2173	>TP53-G325E DEEYFTLQI	9	2164
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>TP53-G325E DGEYFTLQI	22646	>TP53-G325E DEEYFTLQI	185	22461
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>TP53-G325E LDGEYFTLQI	87	>TP53-G325E LDEEYFTLQI	52	35
>TP53-G325E LDGEYFTL	344	>TP53-G325E LDEEYFTL	121	223
>TP53-G325E LDGEYFTLQI	94	>TP53-G325E LDEEYFTLQI	44	50
>TP53-G325E PLDGEYFTL	1391	>TP53-G325E PLDEEYFTL	238	1153
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>TP53-G325E PLDGEYFTLQ	111	>TP53-G325E PLDEEYFTLQI	124	13
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>TP53-G325E KPLDGEYF	287	>TP53-G325E KPLDEEYF	137	150
>TP53-G325E KPLDGEYF	195	>TP53-G325E KPLDEEYF	192	3
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>TP53-G325\PKKKPLDGEY	78	>TP53-G325\PKKKPLDEEYI	120	42
>TP53-G325\QPKKKPLDGE	303	>TP53-G325\QPKKKPLDEE	309	6
>TP53-G325\GEYFTLQI	102	>TP53-G325\VEYFTLQI	59	43
>TP53-G325\GEYFTLQI	44	>TP53-G325\VEYFTLQI	143	99
>TP53-G325\GEYFTLQI	43	>TP53-G325\VEYFTLQI	151	108
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>TP53-G325\DGEYFTLQI	17984	>TP53-G325\DVEYFTLQI	479	17505
>TP53-G325\DGEYFTLQIR	3222	>TP53-G325\DVEYFTLQIR	168	3054
>TP53-G325\DGEYFTLQIR	17428	>TP53-G325\DVEYFTLQIR	98	17330
>TP53-G325\DGEYFTLQI	10221	>TP53-G325\DVEYFTLQI	241	9980
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>TP53-G325\LDGEYFTLQI	87	>TP53-G325\LDVEYFTLQI	72	15
>TP53-G325\LDGEYFTL	1176	>TP53-G325\LDVEYFTL	445	731
>TP53-G325\LDGEYFTL	344	>TP53-G325\LDVEYFTL	116	228
>TP53-G325\LDGEYFTLQI	94	>TP53-G325\LDVEYFTLQI	44	50
>TP53-G325\PLDGEYFTL	249	>TP53-G325\PLDVEYFTL	1008	759
>TP53-G325\PLDGEYFTL	22	>TP53-G325\PLDVEYFTL	170	148
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>TP53-G325\PLDGEYFTL	224	>TP53-G325\PLDVEYFTL	279	55
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>TP53-G325\PLDGEYFTLQ	140	>TP53-G325\PLDVEYFTLQ	419	279
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>TP53-G325\PLDGEYFTLQ	111	>TP53-G325\PLDVEYFTLQ	643	532
>TP53-G325\KPLDGEYF	296	>TP53-G325\KPLDVEYF	310	14
>TP53-G325\KPLDGEYFTL	212	>TP53-G325\KPLDVEYFTL	473	261
>TP53-G325\KPLDGEYF	541	>TP53-G325\KPLDVEYF	470	71
>TP53-G325\KPLDGEYFTL	321	>TP53-G325\KPLDVEYFTL	464	143
>TP53-G325\KPLDGEYF	287	>TP53-G325\KPLDVEYF	170	117
>TP53-G325\KPLDGEYF	195	>TP53-G325\KPLDVEYF	72	123
>TP53-G325\KPLDGEYFTL	306	>TP53-G325\KPLDVEYFTL	219	87
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>TP53-G325\KKKPLDGEY	138	>TP53-G325\KKKPLDVEY	14	124
>TP53-G325\KKKPLDGEYF	14	>TP53-G325\KKKPLDVEYF	8	6
>TP53-G325\PKKKPLDGEY	315	>TP53-G325\PKKKPLDVEY	1853	1538
>TP53-G325\PKKKPLDGEY	994	>TP53-G325\PKKKPLDVEY	191	803
>TP53-G325\PKKKPLDGEY	78	>TP53-G325\PKKKPLDVEY	70	8
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>TP53-G325\QPKKKPLDGE	303	>TP53-G325\QPKKKPLDVE	164	139

>TP53-G325\QPKKKPLDGE	812	>TP53-G325\QPKKKPLDVE	332	480
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>TP53-G334\GRERFEMFRE	71	>TP53-G334\VRERFEMFRE	223	152
>TP53-G334\GRERFEMFRE	11	>TP53-G334\VRERFEMFRE	26	15
>TP53-G334\GRERFEMFR	1179	>TP53-G334\VRERFEMFR	473	706
>TP53-G334\RGRERFEMFI	16840	>TP53-G334\RVRERFEMFF	462	16378
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>TP53-G334\RGRERFEMF	226	>TP53-G334\RVRERFEMF	64	162
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>TP53-G334\RGRERFEMF	85	>TP53-G334\RVRERFEMF	19	66
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>TP53-G334\RGRERFEMFI	95	>TP53-G334\RVRERFEMFF	127	32
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>TP53-G334\IRGRERFEMF	126	>TP53-G334\IRVRERFEMF	25	101
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>TP53-G334\IRGRERFEMF	721	>TP53-G334\IRVRERFEMF	226	495
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>TP53-G334\IRGRERFEMF	187	>TP53-G334\IRVRERFEMF	204	17
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>TP53-G334\LQIRGRER	138	>TP53-G334\LQIRVRER	64	74
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>TP53-G334\LQIRGRERFEI	105	>TP53-G334\LQIRVRERFEI	125	20
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>TP53-G334\LQIRGRERFEI	34	>TP53-G334\LQIRVRERFEI	46	12
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>TP53-G334\FTLQIRGRERI	169	>TP53-G334\FTLQIRVRERI	114	55
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>TP53-G334\FTLQIRGR	174	>TP53-G334\FTLQIRVR	180	6
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>TP53-G334\FTLQIRGRERI	8	>TP53-G334\FTLQIRVRERI	11	3
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>TP53-G334\RGRERFEMFI	39	>TP53-G334\RWRERFEMF	7	32
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>TP53-G334\RGRERFEMF	226	>TP53-G334\RWRERFEMF	2838	2612
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>TP53-G334\FTLQIRGRERI	1480	>TP53-G334\FTLQIRWRER	448	1032
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>TP53-G356\LELKDAQAG	5542	>TP53-G356\LELKDAQAW	76	5466
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>TP53-G356\LELKDAQAG	6554	>TP53-G356\LELKDAQAW	45	6509
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>TP53-G389\RHKKLMFKTE	28248	>TP53-G389\RHKKLMFKTE	57	28191
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>TP53-G59C-GPDEAPRMP	3292	>TP53-G59C-CPDEAPRMP	165	3127
>TP53-G59C-DPGPDEAPR	1293	>TP53-G59C-DPCPDEAPR	174	1119
>TP53-G59C-FTEDPGPDEA	736	>TP53-G59C-FTEDPCPDEA	190	546
>TP53-G59C-QWFTEDPG	275	>TP53-G59C-QWFTEDPC	169	106
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>TP53-G59D·QWFTEDPG	275	>TP53-G59D·QWFTEDPD	511	236
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>TP53-G59N·DPGPDEAPR	1293	>TP53-G59N·DPNPDEAPR	322	971
>TP53-G59N·QWFTEDPG	275	>TP53-G59N·QWFTEDPN	477	202
>TP53-H168I·HMTEVVRRRC	38	>TP53-H168I·DMTEVVRRRC	494	456
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>TP53-H168I·RAMAIYKQSC	354	>TP53-H168I·RAMAIYKQSC	5076	4722
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>TP53-H168I·SQHMTEVV	115	>TP53-H168I·SQDMTEVV	45	70
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>TP53-H168I·SQHMTEVV	1833	>TP53-H168I·SQDMTEVV	420	1413
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>TP53-H168I·KQSQHMTEV	1212	>TP53-H168I·KQSQDMTEV	409	803
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>TP53-H168I IYKQSQHM	394	>TP53-H168I IYKQSQDM	2947	2553
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>TP53-H168I MAIYKQSQH	205	>TP53-H168I MAIYKQSQDI	299	94
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>TP53-H168I MAIYKQSQH	583	>TP53-H168I MAIYKQSQDI	355	228
>TP53-H168I AMAIYKQSQI	221	>TP53-H168I AMAIYKQSQI	900	679
>TP53-H168I AMAIYKQSQI	161	>TP53-H168I AMAIYKQSQI	640	479
>TP53-H168I AMAIYKQSQI	199	>TP53-H168I AMAIYKQSQI	732	533
>TP53-H168I AMAIYKQSQI	283	>TP53-H168I AMAIYKQSQI	1301	1018
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>TP53-H168I AMAIYKQSQI	69	>TP53-H168I AMAIYKQSQI	97	28
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>TP53-H168I HMTEVVRR	38	>TP53-H168I LMTEVVRR	95	57
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>TP53-H168I HMTEVVRR	35	>TP53-H168I LMTEVVRR	97	62
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>TP53-H168I QHMTEVVR	2953	>TP53-H168I QLMTEVVR	175	2778
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>TP53-H168I QHMTEVVRR	195	>TP53-H168I QLMTEVVRR	79	116
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>TP53-H168L SQHMTEVVVR	162	>TP53-H168L SQLMTEVVVR	130	32
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>TP53-H168L SQHMTEVVVR	434	>TP53-H168L SQLMTEVVVR	285	149
>TP53-H168L SQHMTEVVVR	363	>TP53-H168L SQLMTEVVRI	230	133
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>TP53-H168L QSQHMTEVV	303	>TP53-H168L QSQLMTEVV	1182	879
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>TP53-H168L KQSQHMTEV	185	>TP53-H168L KQSQLMTEV'	320	135
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>TP53-H168L YKQSQHMTE	467	>TP53-H168L YKQSQLMTE\	316	151
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>TP53-H168L YKQSQHMTE	42	>TP53-H168L YKQSQLMTE\	73	31
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>TP53-H168L IYKQSQHM	957	>TP53-H168L IYKQSQLM	481	476
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>TP53-H168L AIYKQSQH	20668	>TP53-H168L AIYKQSQL	100	20568
>TP53-H168L AIYKQSQHM	91	>TP53-H168L AIYKQSQLM	63	28
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>TP53-H168L MAIYKQSQH	583	>TP53-H168L MAIYKQSQLM	151	432
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>TP53-H168L QHMTEVVRR	2161	>TP53-H168L QNMTEVVRR	488	1673
>TP53-H168L QHMTEVVRR	269	>TP53-H168L QNMTEVVRR	264	5
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>TP53-H168L RAMAIYKQSC	354	>TP53-H168L RAMAIYKQSC	2982	2628
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>TP53-H168L SQHMTEVV	670	>TP53-H168L SQNMTEVV	350	320
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>TP53-H168†SQHMTEVV	88	>TP53-H168†SQNMTEVV	181	93
>TP53-H168†SQHMTEVV	162	>TP53-H168†SQNMTEVV	316	154
>TP53-H168†SQHMTEVV	434	>TP53-H168†SQNMTEVV	838	404
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>TP53-H168†QSQHMTEVV	230	>TP53-H168†QSQNMTEVV	268	38
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>TP53-H168†AIYKQSQHM	514	>TP53-H168†AIYKQSQNM	336	178
>TP53-H168†MAIYKQSQH	226	>TP53-H168†MAIYKQSQN	1164	938
>TP53-H168†MAIYKQSQH	205	>TP53-H168†MAIYKQSQN	174	31
>TP53-H168†MAIYKQSQH	20	>TP53-H168†MAIYKQSQN	15	5

>TP53-H168F MAIYKQSQH	151	>TP53-H168F MAIYKQSQN	570	419
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>TP53-H168F AMAIYKQSQI	221	>TP53-H168F AMAIYKQSQI	468	247
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>TP53-H168F AMAIYKQSQI	49	>TP53-H168F AMAIYKQSQI	56	7
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>TP53-H168F HMTEVVRR	38	>TP53-H168F PMTEVVRR	225	187
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>TP53-H168F QHMTEVVR	269	>TP53-H168F QPMTEVVR	282	13
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>TP53-H168F SQHMTEVV	115	>TP53-H168F SQPMTEVV	75	40
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>TP53-H168F SQHMTEVVR	115	>TP53-H168F SQPMTEVVR	1938	1823
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>TP53-H168F QSQHMTEVV	185	>TP53-H168F QSQPMTEVV	152	33
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>TP53-H168F QSQHMTEVV	306	>TP53-H168F QSQPMTEVV	284	22
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>TP53-H168F KQSQHMTEV	273	>TP53-H168F KQSQPMTEV	290	17
>TP53-H168F KQSQHMTEV	10	>TP53-H168F KQSQPMTEV	10	0
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>TP53-H168FYKQSQHMTE	467	>TP53-H168FYKQSQPMTE'	721	254
>TP53-H168FYKQSQHMTE	30	>TP53-H168FYKQSQPMTE'	29	1
>TP53-H168FYKQSQHMTE	42	>TP53-H168FYKQSQPMTE'	48	6
>TP53-H168FIYKQSQHMTI	402	>TP53-H168FIYKQSQPMTE	752	350
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>TP53-H168FAIYKQSQH	349	>TP53-H168FAIYKQSQP	15258	14909
>TP53-H168FAIYKQSQHM	750	>TP53-H168FAIYKQSQPM	335	415
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>TP53-H168FAIYKQSQHM	514	>TP53-H168FAIYKQSQPM	190	324
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>TP53-H168FMAIYKQSQHI	226	>TP53-H168FMAIYKQSQPI	157	69
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>TP53-H168FMAIYKQSQHI	20	>TP53-H168FMAIYKQSQPI	12	8
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>TP53-H168FMAIYKQSQHI	583	>TP53-H168FMAIYKQSQPI	403	180
>TP53-H168FAMAIYKQSQI	221	>TP53-H168FAMAIYKQSQI	186	35
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>TP53-H168\AIYKQSQHM	514	>TP53-H168\AIYKQSQYM	416	98
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>TP53-H168\MAIYKQSQH	2519	>TP53-H168\MAIYKQSQYI	322	2197
>TP53-H168\MAIYKQSQH	14531	>TP53-H168\MAIYKQSQY	152	14379
>TP53-H168\MAIYKQSQH	7601	>TP53-H168\MAIYKQSQY	35	7566
>TP53-H168\MAIYKQSQH	13036	>TP53-H168\MAIYKQSQY	96	12940
>TP53-H168\MAIYKQSQH	526	>TP53-H168\MAIYKQSQY	63	463
>TP53-H168\MAIYKQSQH	672	>TP53-H168\MAIYKQSQYI	337	335
>TP53-H168\MAIYKQSQH	10450	>TP53-H168\MAIYKQSQY	210	10240
>TP53-H168\MAIYKQSQH	226	>TP53-H168\MAIYKQSQYI	596	370
>TP53-H168\MAIYKQSQH	4273	>TP53-H168\MAIYKQSQY	107	4166
>TP53-H168\MAIYKQSQH	205	>TP53-H168\MAIYKQSQYI	204	1
>TP53-H168\MAIYKQSQH	911	>TP53-H168\MAIYKQSQY	7	904
>TP53-H168\MAIYKQSQH	20	>TP53-H168\MAIYKQSQYI	20	0
>TP53-H168\MAIYKQSQH	1726	>TP53-H168\MAIYKQSQY	35	1691
>TP53-H168\MAIYKQSQH	6958	>TP53-H168\MAIYKQSQY	56	6902
>TP53-H168\MAIYKQSQH	151	>TP53-H168\MAIYKQSQYI	112	39
>TP53-H168\MAIYKQSQH	894	>TP53-H168\MAIYKQSQY	64	830
>TP53-H168\MAIYKQSQH	583	>TP53-H168\MAIYKQSQYI	126	457
>TP53-H168\MAIYKQSQH	32039	>TP53-H168\MAIYKQSQY	280	31759
>TP53-H168\AMAIYKQSQI	221	>TP53-H168\AMAIYKQSQ'	430	209
>TP53-H168\AMAIYKQSQI	24607	>TP53-H168\AMAIYKQSQ'	369	24238
>TP53-H168\AMAIYKQSQI	2136	>TP53-H168\AMAIYKQSQ'	386	1750
>TP53-H168\AMAIYKQSQI	161	>TP53-H168\AMAIYKQSQ'	31	130
>TP53-H168\AMAIYKQSQI	732	>TP53-H168\AMAIYKQSQ'	330	402
>TP53-H168\AMAIYKQSQI	199	>TP53-H168\AMAIYKQSQ'	34	165
>TP53-H168\AMAIYKQSQI	283	>TP53-H168\AMAIYKQSQ'	155	128
>TP53-H168\AMAIYKQSQI	3162	>TP53-H168\AMAIYKQSQ'	493	2669
>TP53-H168\AMAIYKQSQI	49	>TP53-H168\AMAIYKQSQ'	22	27
>TP53-H168\AMAIYKQSQI	6153	>TP53-H168\AMAIYKQSQ'	289	5864
>TP53-H168\AMAIYKQSQI	15927	>TP53-H168\AMAIYKQSQ'	106	15821
>TP53-H168\AMAIYKQSQI	9422	>TP53-H168\AMAIYKQSQ'	34	9388
>TP53-H168\AMAIYKQSQI	3476	>TP53-H168\AMAIYKQSQ'	71	3405
>TP53-H168\AMAIYKQSQI	55	>TP53-H168\AMAIYKQSQ'	113	58
>TP53-H168\AMAIYKQSQI	11150	>TP53-H168\AMAIYKQSQ'	256	10894
>TP53-H168\AMAIYKQSQI	2139	>TP53-H168\AMAIYKQSQ'	40	2099
>TP53-H168\AMAIYKQSQI	69	>TP53-H168\AMAIYKQSQ'	67	2
>TP53-H168\AMAIYKQSQI	13427	>TP53-H168\AMAIYKQSQ'	88	13339
>TP53-H168\AMAIYKQSQI	23640	>TP53-H168\AMAIYKQSQ'	465	23175
>TP53-H178[ HHERCSDSDC	126	>TP53-H178[ DHERCSDSDC	4084	3958
>TP53-H178[ RRCPPHER	405	>TP53-H178[ RRCPDHER	3304	2899
>TP53-H178[ RRCPPHER	102	>TP53-H178[ RRCPDHER	72	30
>TP53-H178[ RRCPPHER	312	>TP53-H178[ RRCPDHER	447	135

>TP53-H178I RRCPHHERC	320	>TP53-H178I RRCPDHERC	1201	881
>TP53-H178I RRCPHHER	87	>TP53-H178I RRCPDHER	205	118
>TP53-H178I VVRRCPHHEI	145	>TP53-H178I VVRRCPDHEI	1520	1375
>TP53-H178I VVRRCPHHEI	63	>TP53-H178I VVRRCPDHEI	329	266
>TP53-H178I EVVRRCPH	400	>TP53-H178I EVVRRCPD	10389	9989
>TP53-H178I EVVRRCPHH	98	>TP53-H178I EVVRRCPDH	604	506
>TP53-H178I EVVRRCPHHE	428	>TP53-H178I EVVRRCPDHE	758	330
>TP53-H178I EVVRRCPHHE	371	>TP53-H178I EVVRRCPDHE	1709	1338
>TP53-H178I EVVRRCPHHE	53	>TP53-H178I EVVRRCPDHE	120	67
>TP53-H178I EVVRRCPHHE	5	>TP53-H178I EVVRRCPDHE	7	2
>TP53-H178I HHERCSDSDG	126	>TP53-H178I LHERCSDSDG	2219	2093
>TP53-H178I HMTEVVRRRC	22637	>TP53-H178I HMTEVVRRRC	347	22290
>TP53-H178I HMTEVVRRRC	17253	>TP53-H178I HMTEVVRRRC	72	17181
>TP53-H178I HMTEVVRRRC	16394	>TP53-H178I HMTEVVRRRC	107	16287
>TP53-H178I HMTEVVRRRC	21244	>TP53-H178I HMTEVVRRRC	367	20877
>TP53-H178I HMTEVVRRRC	10027	>TP53-H178I HMTEVVRRRC	27	10000
>TP53-H178I HMTEVVRRRC	17569	>TP53-H178I HMTEVVRRRC	48	17521
>TP53-H178I HMTEVVRRRC	18128	>TP53-H178I HMTEVVRRRC	54	18074
>TP53-H178I HMTEVVRRRC	14027	>TP53-H178I HMTEVVRRRC	9	14018
>TP53-H178I HMTEVVRRRC	17175	>TP53-H178I HMTEVVRRRC	224	16951
>TP53-H178I RRCPHHER	405	>TP53-H178I RRCPLHER	684	279
>TP53-H178I RRCPHHER	729	>TP53-H178I RRCPLHER	315	414
>TP53-H178I RRCPHHER	102	>TP53-H178I RRCPLHER	38	64
>TP53-H178I RRCPHHERC	689	>TP53-H178I RRCPLHERC	322	367
>TP53-H178I RRCPHHER	312	>TP53-H178I RRCPLHER	100	212
>TP53-H178I RRCPHHERC	320	>TP53-H178I RRCPLHERC	237	83
>TP53-H178I RRCPHHERCS	717	>TP53-H178I RRCPLHERCS	299	418
>TP53-H178I RRCPHHER	87	>TP53-H178I RRCPLHER	102	15
>TP53-H178I VVRRCPHHEI	145	>TP53-H178I VVRRCPPLHER	242	97
>TP53-H178I VVRRCPHHEI	63	>TP53-H178I VVRRCPPLHER	64	1
>TP53-H178I EVVRRCPH	400	>TP53-H178I EVVRRCPPL	79	321
>TP53-H178I EVVRRCPHH	98	>TP53-H178I EVVRRCPPLH	820	722
>TP53-H178I EVVRRCPHHE	428	>TP53-H178I EVVRRCPPLHE	1729	1301
>TP53-H178I EVVRRCPHHE	912	>TP53-H178I EVVRRCPPLHE	384	528
>TP53-H178I EVVRRCPHHE	371	>TP53-H178I EVVRRCPPLHE	603	232
>TP53-H178I EVVRRCPHHE	53	>TP53-H178I EVVRRCPPLHE	65	12
>TP53-H178I EVVRRCPHHE	5	>TP53-H178I EVVRRCPPLHE	6	1
>TP53-H178I EVVRRCPH	17679	>TP53-H178I EVVRRCPPL	65	17614
>TP53-H178I EVVRRCPH	18438	>TP53-H178I EVVRRCPPL	213	18225
>TP53-H178I EVVRRCPH	13921	>TP53-H178I EVVRRCPPL	324	13597
>TP53-H178I TEVVRRCPH	8495	>TP53-H178I TEVVRRCPPL	55	8440
>TP53-H178I TEVVRRCPH	15586	>TP53-H178I TEVVRRCPPL	308	15278
>TP53-H178I TEVVRRCPH	3764	>TP53-H178I TEVVRRCPPL	39	3725

>TP53-H178L TEVVRRCPH	11830	>TP53-H178L TEVVRRCPL	39	11791
>TP53-H178L MTEVVRRCPI	5886	>TP53-H178L MTEVVRRCPI	179	5707
>TP53-H178L MTEVVRRCPI	2160	>TP53-H178L MTEVVRRCPI	285	1875
>TP53-H178M HHERCSDSDC	126	>TP53-H178M HHERCSDSDC	311	185
>TP53-H178M RRCPPHER	405	>TP53-H178M RRCPPHER	1506	1101
>TP53-H178M RRCPPHER	102	>TP53-H178M RRCPPHER	55	47
>TP53-H178M RRCPPHER	312	>TP53-H178M RRCPPHER	472	160
>TP53-H178M RRCPPHERC	320	>TP53-H178M RRCPPHERC	667	347
>TP53-H178M RRCPPHER	87	>TP53-H178M RRCPPHER	91	4
>TP53-H178M VVRRCPHHEI	145	>TP53-H178M VVRRCPHHEI	252	107
>TP53-H178M VVRRCPHHEI	63	>TP53-H178M VVRRCPHHEI	134	71
>TP53-H178M EVVRRCPH	400	>TP53-H178M EVVRRCPH	4733	4333
>TP53-H178M EVVRRCPHH	98	>TP53-H178M EVVRRCPHH	207	109
>TP53-H178M EVVRRCPHHE	428	>TP53-H178M EVVRRCPHHE	665	237
>TP53-H178M EVVRRCPHHE	371	>TP53-H178M EVVRRCPHHE	884	513
>TP53-H178M EVVRRCPHHE	53	>TP53-H178M EVVRRCPHHE	81	28
>TP53-H178M EVVRRCPHHE	5	>TP53-H178M EVVRRCPHHE	5	0
>TP53-H178F HHERCSDSDC	126	>TP53-H178F HHERCSDSDC	10600	10474
>TP53-H178F RRCPPHER	405	>TP53-H178F RRCPPHER	1735	1330
>TP53-H178F RRCPPHER	102	>TP53-H178F RRCPPHER	142	40
>TP53-H178F RRCPPHERCS	720	>TP53-H178F RRCPPHERCS	468	252
>TP53-H178F RRCPPHER	312	>TP53-H178F RRCPPHER	339	27
>TP53-H178F RRCPPHERC	320	>TP53-H178F RRCPPHERC	1114	794
>TP53-H178F RRCPPHERCS	717	>TP53-H178F RRCPPHERCS	388	329
>TP53-H178F RRCPPHER	87	>TP53-H178F RRCPPHER	159	72
>TP53-H178F VVRRCPHH	1099	>TP53-H178F VVRRCPHH	489	610
>TP53-H178F VVRRCPHHEI	145	>TP53-H178F VVRRCPHHEI	184	39
>TP53-H178F VVRRCPHHEI	63	>TP53-H178F VVRRCPHHEI	140	77
>TP53-H178F EVVRRCPH	400	>TP53-H178F EVVRRCPH	8196	7796
>TP53-H178F EVVRRCPHH	98	>TP53-H178F EVVRRCPHH	154	56
>TP53-H178F EVVRRCPHHE	428	>TP53-H178F EVVRRCPHHE	506	78
>TP53-H178F EVVRRCPHHE	371	>TP53-H178F EVVRRCPHHE	1016	645
>TP53-H178F EVVRRCPHHE	53	>TP53-H178F EVVRRCPHHE	93	40
>TP53-H178F EVVRRCPHHE	5	>TP53-H178F EVVRRCPHHE	7	2
>TP53-H178C HHERCSDSDC	126	>TP53-H178C HHERCSDSDC	1263	1137
>TP53-H178C HMTEVVRRC	14027	>TP53-H178C HMTEVVRRC	405	13622
>TP53-H178C RRCPPHER	405	>TP53-H178C RRCPPHER	1078	673
>TP53-H178C RRCPPHER	102	>TP53-H178C RRCPPHER	68	34
>TP53-H178C RRCPPHER	312	>TP53-H178C RRCPPHER	178	134
>TP53-H178C RRCPPHERC	320	>TP53-H178C RRCPPHERC	1100	780
>TP53-H178C RRCPPHERCS	717	>TP53-H178C RRCPPHERCS	345	372
>TP53-H178C RRCPPHER	87	>TP53-H178C RRCPPHER	119	32
>TP53-H178C VVRRCPHHEI	145	>TP53-H178C VVRRCPHHEI	289	144

>TP53-H178(VVRRCPHHEF	63	>TP53-H178(VVRRCPQHEI	150	87
>TP53-H178(EVRRRCPH	400	>TP53-H178(EVRRRCPQ	697	297
>TP53-H178(EVRRRCPHH	98	>TP53-H178(EVRRRCPQH	280	182
>TP53-H178(EVRRRCPHHE	428	>TP53-H178(EVRRRCPQHI	976	548
>TP53-H178(EVRRRCPHHE	371	>TP53-H178(EVRRRCPQHI	826	455
>TP53-H178(EVRRRCPHHE	53	>TP53-H178(EVRRRCPQHI	92	39
>TP53-H178(EVRRRCPHHE	5	>TP53-H178(EVRRRCPQHI	6	1
>TP53-H178\HHERCSDSDC	126	>TP53-H178\YHERCSDSDC	85	41
>TP53-H178\HMTEVVRR	18047	>TP53-H178\HMTEVVRR	460	17587
>TP53-H178\HMTEVVRR	19654	>TP53-H178\HMTEVVRR	400	19254
>TP53-H178\HMTEVVRR	3938	>TP53-H178\HMTEVVRR	83	3855
>TP53-H178\HMTEVVRR	2976	>TP53-H178\HMTEVVRR	64	2912
>TP53-H178\HMTEVVRR	4030	>TP53-H178\HMTEVVRR	105	3925
>TP53-H178\HMTEVVRR	3481	>TP53-H178\HMTEVVRR	183	3298
>TP53-H178\HMTEVVRR	24190	>TP53-H178\HMTEVVRR	276	23914
>TP53-H178\RRCPPHER	405	>TP53-H178\RRCPPYHER	322	83
>TP53-H178\RRCPPHER	729	>TP53-H178\RRCPPYHER	386	343
>TP53-H178\RRCPPHER	102	>TP53-H178\RRCPPYHER	36	66
>TP53-H178\RRCPPHERC	689	>TP53-H178\RRCPPYHERC	356	333
>TP53-H178\RRCPPHER	312	>TP53-H178\RRCPPYHER	143	169
>TP53-H178\RRCPPHERC	320	>TP53-H178\RRCPPYHERC	266	54
>TP53-H178\RRCPPHERCS	717	>TP53-H178\RRCPPYHERCS	388	329
>TP53-H178\RRCPPHER	87	>TP53-H178\RRCPPYHER	91	4
>TP53-H178\VRRCPPHER	680	>TP53-H178\VRRCPPYHER	419	261
>TP53-H178\VRRCPHHEF	145	>TP53-H178\VRRCPYHEF	202	57
>TP53-H178\VRRCPHHEF	63	>TP53-H178\VRRCPYHEF	55	8
>TP53-H178\EVRRRCPH	1432	>TP53-H178\EVRRRCPY	16	1416
>TP53-H178\EVRRRCPH	400	>TP53-H178\EVRRRCPY	7	393
>TP53-H178\EVRRRCPHH	98	>TP53-H178\EVRRRCPYH	100	2
>TP53-H178\EVRRRCPHHE	428	>TP53-H178\EVRRRCPYHE	647	219
>TP53-H178\EVRRRCPH	4044	>TP53-H178\EVRRRCPY	50	3994
>TP53-H178\EVRRRCPHHE	371	>TP53-H178\EVRRRCPYHE	312	59
>TP53-H178\EVRRRCPHHE	53	>TP53-H178\EVRRRCPYHE	48	5
>TP53-H178\EVRRRCPH	1639	>TP53-H178\EVRRRCPY	212	1427
>TP53-H178\EVRRRCPHH	1841	>TP53-H178\EVRRRCPYH	407	1434
>TP53-H178\EVRRRCPHHE	5	>TP53-H178\EVRRRCPYHE	5	0
>TP53-H178\EVRRRCPH	12964	>TP53-H178\EVRRRCPY	479	12485
>TP53-H178\EVRRRCPH	8394	>TP53-H178\EVRRRCPY	348	8046
>TP53-H178\TEVRRCPH	8495	>TP53-H178\TEVRRCPY	440	8055
>TP53-H178\TEVRRCPH	14915	>TP53-H178\TEVRRCPY	466	14449
>TP53-H178\TEVRRCPH	2407	>TP53-H178\TEVRRCPY	41	2366
>TP53-H178\MTEVVRRCP	22452	>TP53-H178\MTEVVRRCP'	210	22242
>TP53-H178\MTEVVRRCP	18962	>TP53-H178\MTEVVRRCP'	177	18785

>TP53-H178\MTEVRRCP	14176	>TP53-H178\MTEVRRCP'	107	14069
>TP53-H178\MTEVRRCP	5886	>TP53-H178\MTEVRRCP'	33	5853
>TP53-H178\MTEVRRCP	12955	>TP53-H178\MTEVRRCP'	141	12814
>TP53-H179[HERCSDSDGL	422	>TP53-H179[DERCSDSDGL	4662	4240
>TP53-H179[HHERCSDSDC	126	>TP53-H179[HDERCSDSDC	9911	9785
>TP53-H179[RRCPPHER	405	>TP53-H179[RRCPPHER	4479	4074
>TP53-H179[RRCPPHER	102	>TP53-H179[RRCPPHER	815	713
>TP53-H179[RRCPPHER	312	>TP53-H179[RRCPPHER	1841	1529
>TP53-H179[RRCPPHERC	320	>TP53-H179[RRCPPHERC	985	665
>TP53-H179[RRCPPHER	87	>TP53-H179[RRCPPHER	393	306
>TP53-H179[VVRRCPHHEF	145	>TP53-H179[VVRRCPHDEF	1237	1092
>TP53-H179[VVRRCPHHEF	63	>TP53-H179[VVRRCPHDEF	467	404
>TP53-H179[EVVRRCPHH	98	>TP53-H179[EVVRRCPHD	8162	8064
>TP53-H179[EVVRRCPHHE	428	>TP53-H179[EVVRRCPHDE	1231	803
>TP53-H179[EVVRRCPHHE	371	>TP53-H179[EVVRRCPHDE	2444	2073
>TP53-H179[EVVRRCPHHE	53	>TP53-H179[EVVRRCPHDE	121	68
>TP53-H179[EVVRRCPHHE	5	>TP53-H179[EVVRRCPHDE	6	1
>TP53-H179[HERCSDSDGL	422	>TP53-H179[LERCSDSDGL	292	130
>TP53-H179[HHERCSDSDC	19255	>TP53-H179[HLERCSDSDC	41	19214
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>TP53-H179[HHERCSDSDC	33269	>TP53-H179[HLERCSDSDC	101	33168
>TP53-H179[HHERCSDSDC	126	>TP53-H179[HLERCSDSDC	6256	6130
>TP53-H179[MTEVRRCP	11173	>TP53-H179[MTEVRRCP	476	10697
>TP53-H179[MTEVRRCP	27023	>TP53-H179[MTEVRRCP	413	26610
>TP53-H179[RRCPPHER	405	>TP53-H179[RRCPPHER	1864	1459
>TP53-H179[RRCPPHER	102	>TP53-H179[RRCPPHER	111	9
>TP53-H179[RRCPPHERC	689	>TP53-H179[RRCPPHERC	490	199
>TP53-H179[RRCPPHER	312	>TP53-H179[RRCPPHER	212	100
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>TP53-H179[RRCPPHERCS	717	>TP53-H179[RRCPPHERCS	469	248
>TP53-H179[RRCPPHER	87	>TP53-H179[RRCPPHER	146	59
>TP53-H179[VVRRCPHHER	680	>TP53-H179[VVRRCPHLER	419	261
>TP53-H179[VVRRCPHH	25006	>TP53-H179[VVRRCPHL	279	24727
>TP53-H179[VVRRCPHH	1099	>TP53-H179[VVRRCPHL	71	1028
>TP53-H179[VVRRCPHHEF	145	>TP53-H179[VVRRCPHLER	88	57
>TP53-H179[VVRRCPHHEF	63	>TP53-H179[VVRRCPHLER	96	33
>TP53-H179[VVRRCPHHEF	534	>TP53-H179[VVRRCPHLER	310	224
>TP53-H179[EVVRRCPHH	98	>TP53-H179[EVVRRCPHL	20	78
>TP53-H179[EVVRRCPHHE	428	>TP53-H179[EVVRRCPHLE	1739	1311
>TP53-H179[EVVRRCPHHE	371	>TP53-H179[EVVRRCPHLE	1362	991
>TP53-H179[EVVRRCPHHE	53	>TP53-H179[EVVRRCPHLE	81	28
>TP53-H179[EVVRRCPHHE	5	>TP53-H179[EVVRRCPHLE	8	3
>TP53-H179[EVVRRCPHH	19860	>TP53-H179[EVVRRCPHL	471	19389



>TP53-H179L TEVVRRCPHL	16968	>TP53-H179L TEVVRRCPHL	196	16772
>TP53-H179L TEVVRRCPHL	3175	>TP53-H179L TEVVRRCPHL	236	2939
>TP53-H179M HERCSDSDGL	422	>TP53-H179M NERCSDSDGL	290	132
>TP53-H179M HHERCSDSDC	126	>TP53-H179M HNERCSDSDC	6534	6408
>TP53-H179M RRCPPHER	405	>TP53-H179M RRCPPNER	1874	1469
>TP53-H179M RRCPPHER	102	>TP53-H179M RRCPPNER	302	200
>TP53-H179M RRCPPHER	312	>TP53-H179M RRCPPNER	589	277
>TP53-H179M RRCPPHERC	320	>TP53-H179M RRCPPNERC	449	129
>TP53-H179M RRCPPHER	87	>TP53-H179M RRCPPNER	225	138
>TP53-H179M VVRRCPPHEF	145	>TP53-H179M VVRRCPPNEF	143	2
>TP53-H179M VVRRCPPHEF	63	>TP53-H179M VVRRCPPNEF	130	67
>TP53-H179M EVVRRCPHH	98	>TP53-H179M EVVRRCPHN	2518	2420
>TP53-H179M EVVRRCPHHE	428	>TP53-H179M EVVRRCPHNI	682	254
>TP53-H179M EVVRRCPHHE	371	>TP53-H179M EVVRRCPHNI	1034	663
>TP53-H179M EVVRRCPHHE	53	>TP53-H179M EVVRRCPHNI	65	12
>TP53-H179M EVVRRCPHHE	5	>TP53-H179M EVVRRCPHNI	6	1
>TP53-H179F HERCSDSDGL	422	>TP53-H179F PERCSDSDGL	3895	3473
>TP53-H179F HHERCSDSDC	24303	>TP53-H179F HPERCSDSDC	114	24189
>TP53-H179F HHERCSDSDC	15775	>TP53-H179F HPERCSDSDC	154	15621
>TP53-H179F HHERCSDSDC	126	>TP53-H179F HPERCSDSDC	778	652
>TP53-H179F RRCPPHER	405	>TP53-H179F RRCPPHER	2010	1605
>TP53-H179F RRCPPHER	102	>TP53-H179F RRCPPHER	114	12
>TP53-H179F RRCPPHER	312	>TP53-H179F RRCPPHER	575	263
>TP53-H179F RRCPPHERC	320	>TP53-H179F RRCPPHERC	256	64
>TP53-H179F RRCPPHER	87	>TP53-H179F RRCPPHER	274	187
>TP53-H179F VVRRCPPHEF	145	>TP53-H179F VVRRCPPHEF	55	90
>TP53-H179F VVRRCPPHEF	63	>TP53-H179F VVRRCPPHEF	215	152
>TP53-H179F EVVRRCPHH	98	>TP53-H179F EVVRRCPHP	5513	5415
>TP53-H179F EVVRRCPHHE	428	>TP53-H179F EVVRRCPHPE	433	5
>TP53-H179F EVVRRCPHHE	371	>TP53-H179F EVVRRCPHPE	989	618
>TP53-H179F EVVRRCPHHE	53	>TP53-H179F EVVRRCPHPE	102	49
>TP53-H179F EVVRRCPHHE	5	>TP53-H179F EVVRRCPHPE	7	2
>TP53-H179C HERCSDSDGL	602	>TP53-H179C QERCSDSDGL	291	311
>TP53-H179C HERCSDSDGL	422	>TP53-H179C QERCSDSDGL	427	5
>TP53-H179C HHERCSDSDC	126	>TP53-H179C HQERCSDSDC	307	181
>TP53-H179C RRCPPHER	405	>TP53-H179C RRCPPHER	1638	1233
>TP53-H179C RRCPPHER	102	>TP53-H179C RRCPPHER	328	226
>TP53-H179C RRCPPHER	312	>TP53-H179C RRCPPHER	412	100
>TP53-H179C RRCPPHERC	320	>TP53-H179C RRCPPHERC	325	5
>TP53-H179C RRCPPHER	87	>TP53-H179C RRCPPHER	323	236
>TP53-H179C VVRRCPPHER	680	>TP53-H179C VVRRCPPHER	255	425
>TP53-H179C VVRRCPPHH	1099	>TP53-H179C VVRRCPPHQ	315	784
>TP53-H179C VVRRCPPHEF	145	>TP53-H179C VVRRCPPHEI	158	13

>TP53-H179C VVRRCPHHEF	63	>TP53-H179C VVRRCPHQEI	172	109
>TP53-H179C EVVRRCPHH	98	>TP53-H179C EVVRRCPHQ	207	109
>TP53-H179C EVVRRCPHHE	428	>TP53-H179C EVVRRCPHQI	860	432
>TP53-H179C EVVRRCPHHE	371	>TP53-H179C EVVRRCPHQI	1003	632
>TP53-H179C EVVRRCPHHE	53	>TP53-H179C EVVRRCPHQI	84	31
>TP53-H179C EVVRRCPHHE	5	>TP53-H179C EVVRRCPHQI	9	4
>TP53-H179F HERCSDSDGL	602	>TP53-H179F RERCSDSDGL	277	325
>TP53-H179F HERCSDSDGL	422	>TP53-H179F RERCSDSDGL	63	359
>TP53-H179F HHERCSDSDC	126	>TP53-H179F HRERCSDSDC	360	234
>TP53-H179F HHERCSDSDC	12015	>TP53-H179F HRERCSDSDC	214	11801
>TP53-H179F MTEVRRCPH	2700	>TP53-H179F MTEVRRCPH	22	2678
>TP53-H179F MTEVRRCPH	15793	>TP53-H179F MTEVRRCPH	53	15740
>TP53-H179F MTEVRRCPH	2918	>TP53-H179F MTEVRRCPH	10	2908
>TP53-H179F RRCPPHER	405	>TP53-H179F RRCPPHER	1282	877
>TP53-H179F RRCPPHER	102	>TP53-H179F RRCPPHER	247	145
>TP53-H179F RRCPPHERC	689	>TP53-H179F RRCPPHERC	378	311
>TP53-H179F RRCPPHER	312	>TP53-H179F RRCPPHER	260	52
>TP53-H179F RRCPPHERC	320	>TP53-H179F RRCPPHERC	157	163
>TP53-H179F RRCPPHER	87	>TP53-H179F RRCPPHER	407	320
>TP53-H179F VVRRCPHH	1099	>TP53-H179F VVRRCPHR	111	988
>TP53-H179F VVRRCPHHEF	145	>TP53-H179F VVRRCPHREF	207	62
>TP53-H179F VVRRCPHH	6143	>TP53-H179F VVRRCPHR	28	6115
>TP53-H179F VVRRCPHHEF	63	>TP53-H179F VVRRCPHREF	77	14
>TP53-H179F VVRRCPHH	21657	>TP53-H179F VVRRCPHR	220	21437
>TP53-H179F EVVRRCPHH	98	>TP53-H179F EVVRRCPHR	1418	1320
>TP53-H179F EVVRRCPHHE	428	>TP53-H179F EVVRRCPHRE	732	304
>TP53-H179F EVVRRCPHHE	371	>TP53-H179F EVVRRCPHRE	1371	1000
>TP53-H179F EVVRRCPHH	15713	>TP53-H179F EVVRRCPHR	61	15652
>TP53-H179F EVVRRCPHHE	53	>TP53-H179F EVVRRCPHRE	101	48
>TP53-H179F EVVRRCPHH	1841	>TP53-H179F EVVRRCPHR	10	1831
>TP53-H179F EVVRRCPHHE	5	>TP53-H179F EVVRRCPHRE	12	7
>TP53-H179\ HERCSDSDGL	422	>TP53-H179\ YERCSDSDGL	158	264
>TP53-H179\ HHERCSDSDC	17657	>TP53-H179\ HYERCSDSDC	58	17599
>TP53-H179\ HHERCSDSDC	126	>TP53-H179\ HYERCSDSDC	6748	6622
>TP53-H179\ MTEVRRCPH	16575	>TP53-H179\ MTEVRRCPH	72	16503
>TP53-H179\ MTEVRRCPH	14883	>TP53-H179\ MTEVRRCPH	337	14546
>TP53-H179\ MTEVRRCPH	10982	>TP53-H179\ MTEVRRCPH	109	10873
>TP53-H179\ MTEVRRCPH	2918	>TP53-H179\ MTEVRRCPH	393	2525
>TP53-H179\ MTEVRRCPH	11173	>TP53-H179\ MTEVRRCPH	57	11116
>TP53-H179\ MTEVRRCPH	2160	>TP53-H179\ MTEVRRCPH	97	2063
>TP53-H179\ RRCPPHER	405	>TP53-H179\ RRCPPHER	223	182
>TP53-H179\ RRCPPHER	102	>TP53-H179\ RRCPPHER	262	160
>TP53-H179\ RRCPPHERC	689	>TP53-H179\ RRCPPHERC	476	213

>TP53-H179\RRCPHHER	312	>TP53-H179\RRCPHYER	505	193
>TP53-H179\RRCPHHERC	320	>TP53-H179\RRCPHYERC	177	143
>TP53-H179\RRCPHHERCS	717	>TP53-H179\RRCPHYERCS	316	401
>TP53-H179\RRCPHHER	87	>TP53-H179\RRCPHYER	64	23
>TP53-H179\VRRRCPHH	14242	>TP53-H179\VRRRCPHY	334	13908
>TP53-H179\VRRRCPHH	12998	>TP53-H179\VRRRCPHY	150	12848
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>TP53-H179\VRRRCPHHEF	145	>TP53-H179\VRRRCPHYEF	149	4
>TP53-H179\VRRRCPHH	6963	>TP53-H179\VRRRCPHY	54	6909
>TP53-H179\VRRRCPHHEF	63	>TP53-H179\VRRRCPHYEF	39	24
>TP53-H179\VRRRCPHHEF	534	>TP53-H179\VRRRCPHYEF	298	236
>TP53-H179\VRRRCPHH	16548	>TP53-H179\VRRRCPHY	193	16355
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>TP53-H179\VRRRCPHHEF	713	>TP53-H179\VRRRCPHYEF	339	374
>TP53-H179\EVRRRCPHH	2653	>TP53-H179\EVRRRCPHY	34	2619
>TP53-H179\EVRRRCPHH	98	>TP53-H179\EVRRRCPHY	4	94
>TP53-H179\EVRRRCPHHE	428	>TP53-H179\EVRRRCPHYE	424	4
>TP53-H179\EVRRRCPHH	10799	>TP53-H179\EVRRRCPHY	251	10548
>TP53-H179\EVRRRCPHHE	371	>TP53-H179\EVRRRCPHYE	213	158
>TP53-H179\EVRRRCPHHE	53	>TP53-H179\EVRRRCPHYE	31	22
>TP53-H179\EVRRRCPHH	1841	>TP53-H179\EVRRRCPHY	251	1590
>TP53-H179\EVRRRCPHHE	5	>TP53-H179\EVRRRCPHYE	5	0
>TP53-H193[HLIRVEGNLR'	156	>TP53-H193[DLIRVEGNLR'	6362	6206
>TP53-H193[HLIRVEGNL	226	>TP53-H193[DLIRVEGNL	4442	4216
>TP53-H193[HLIRVEGNLR'	111	>TP53-H193[DLIRVEGNLR'	3515	3404
>TP53-H193[HLIRVEGNLR'	41	>TP53-H193[DLIRVEGNLR'	2350	2309
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>TP53-H193[HLIRVEGNL	327	>TP53-H193[DLIRVEGNL	2954	2627
>TP53-H193[HLIRVEGNLR'	9	>TP53-H193[DLIRVEGNLR'	84	75
>TP53-H193[HLIRVEGNLR'	27	>TP53-H193[DLIRVEGNLR'	1315	1288
>TP53-H193[HLIRVEGNLR'	27	>TP53-H193[DLIRVEGNLR'	156	129
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>TP53-H193[HLIRVEGNLR'	4	>TP53-H193[DLIRVEGNLR'	26	22
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>TP53-H193[HLIRVEGNLR	24	>TP53-H193[DLIRVEGNLR	35	11
>TP53-H193[HLIRVEGNLR'	398	>TP53-H193[DLIRVEGNLR'	763	365
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>TP53-H193[LAPPQHILIRV	395	>TP53-H193[LAPPQDLIRV	245	150
>TP53-H193[LAPPQHILIRV	52	>TP53-H193[LAPPQDLIRV	69	17
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>TP53-H193[ LAPPQH LIRV	28	>TP53-H193[ LAPPQDLIRV	237	209
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>TP53-H193[ GLAPPQHL	285	>TP53-H193[ GLAPPQDL	1664	1379
>TP53-H193[ GLAPPQH LI	65	>TP53-H193[ GLAPPQDLI	523	458
>TP53-H193[ GLAPPQH LIR'	20	>TP53-H193[ GLAPPQDLIR'	39	19
>TP53-H193[ GLAPPQHL	22	>TP53-H193[ GLAPPQDL	79	57
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>TP53-H193[ GLAPPQH LIR'	9	>TP53-H193[ GLAPPQDLIR'	11	2
>TP53-H193[ GLAPPQHL	61	>TP53-H193[ GLAPPQDL	208	147
>TP53-H193[ GLAPPQH LI	31	>TP53-H193[ GLAPPQDLI	107	76
>TP53-H193[ GLAPPQH LIR'	7	>TP53-H193[ GLAPPQDLIR'	11	4
>TP53-H193[ GLAPPQH LIR'	44	>TP53-H193[ GLAPPQDLIR'	66	22
>TP53-H193[ GLAPPQHL	16	>TP53-H193[ GLAPPQDL	86	70
>TP53-H193[ GLAPPQH LI	13	>TP53-H193[ GLAPPQDLI	52	39
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>TP53-H193[ GLAPPQHL	26	>TP53-H193[ GLAPPQDL	192	166
>TP53-H193[ GLAPPQH LI	22	>TP53-H193[ GLAPPQDLI	123	101
>TP53-H193[ GLAPPQH LIR'	7	>TP53-H193[ GLAPPQDLIR'	9	2
>TP53-H193[ GLAPPQHL	11	>TP53-H193[ GLAPPQDL	43	32
>TP53-H193[ GLAPPQH LI	13	>TP53-H193[ GLAPPQDLI	34	21
>TP53-H193[ GLAPPQH LIR'	5	>TP53-H193[ GLAPPQDLIR'	6	1
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>TP53-H193[ GLAPPQHL	5	>TP53-H193[ GLAPPQDL	10	5
>TP53-H193[ GLAPPQH LI	5	>TP53-H193[ GLAPPQDLI	37	32
>TP53-H193[ GLAPPQH LIR'	2	>TP53-H193[ GLAPPQDLIR'	2	0
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>TP53-H193[ SDGLAPPQHI	104	>TP53-H193[ SDGLAPPQDI	99	5
>TP53-H193L HLIRVEGNLR'	156	>TP53-H193L LLIRVEGNLR\	68	88
>TP53-H193L HLIRVEGNL	226	>TP53-H193L LLIRVEGNL	178	48
>TP53-H193L HLIRVEGNLR'	111	>TP53-H193L LLIRVEGNLR\	73	38
>TP53-H193L HLIRVEGNL	690	>TP53-H193L LLIRVEGNL	214	476
>TP53-H193L HLIRVEGNLR'	41	>TP53-H193L LLIRVEGNLR\	19	22
>TP53-H193L HLIRVEGNLR'	322	>TP53-H193L LLIRVEGNLR\	111	211
>TP53-H193L HLIRVEGNL	327	>TP53-H193L LLIRVEGNL	66	261
>TP53-H193L HLIRVEGNLR'	9	>TP53-H193L LLIRVEGNLR\	4	5
>TP53-H193L HLIRVEGNL	806	>TP53-H193L LLIRVEGNL	476	330
>TP53-H193L HLIRVEGNLR'	27	>TP53-H193L LLIRVEGNLR\	18	9
>TP53-H193L HLIRVEGNL	878	>TP53-H193L LLIRVEGNL	352	526
>TP53-H193L HLIRVEGNLR'	27	>TP53-H193L LLIRVEGNLR\	16	11
>TP53-H193L HLIRVEGNLR'	701	>TP53-H193L LLIRVEGNLR\	176	525
>TP53-H193L HLIRVEGNL	153	>TP53-H193L LLIRVEGNL	26	127

>TP53-H193L HLIRVEGNLR'	4	>TP53-H193L LLIRVEGNLR\	3	1
>TP53-H193L HLIRVEGNLR	241	>TP53-H193L LLIRVEGNLR	160	81
>TP53-H193L HLIRVEGNLR	381	>TP53-H193L LLIRVEGNLR	318	63
>TP53-H193L HLIRVEGNLR	24	>TP53-H193L LLIRVEGNLR	84	60
>TP53-H193L HLIRVEGNLR'	398	>TP53-H193L LLIRVEGNLR\	2437	2039
>TP53-H193L HLIRVEGNLR	478	>TP53-H193L LLIRVEGNLR	2682	2204
>TP53-H193L QHLIRVEGNL	21923	>TP53-H193L QLLIRVEGNL	317	21606
>TP53-H193L QHLIRVEGNL	24871	>TP53-H193L QLLIRVEGNL	100	24771
>TP53-H193L QHLIRVEGNL	24400	>TP53-H193L QLLIRVEGNL	372	24028
>TP53-H193L QHLIRVEGNL	34283	>TP53-H193L QLLIRVEGNL	130	34153
>TP53-H193L QHLIRVEGNL	7915	>TP53-H193L QLLIRVEGNLI	431	7484
>TP53-H193L QHLIRVEGNL	709	>TP53-H193L QLLIRVEGNLI	275	434
>TP53-H193L APPQHILIRV	2001	>TP53-H193L APPQLLIRV	392	1609
>TP53-H193L LAPPQHILIRV	395	>TP53-H193L LAPPQLLIRV	128	267
>TP53-H193L LAPPQHILIRV	577	>TP53-H193L LAPPQLLIRV	470	107
>TP53-H193L LAPPQHILIRV	52	>TP53-H193L LAPPQLLIRV	40	12
>TP53-H193L LAPPQHILI	5	>TP53-H193L LAPPQLLI	15	10
>TP53-H193L LAPPQHILIRV	28	>TP53-H193L LAPPQLLIRV	36	8
>TP53-H193L LAPPQHILI	70	>TP53-H193L LAPPQLLI	54	16
>TP53-H193L GLAPPQHL	285	>TP53-H193L GLAPPQLL	138	147
>TP53-H193L GLAPPQHILI	65	>TP53-H193L GLAPPQLLI	96	31
>TP53-H193L GLAPPQHILIR'	20	>TP53-H193L GLAPPQLLIR\	23	3
>TP53-H193L GLAPPQHL	22	>TP53-H193L GLAPPQLL	14	8
>TP53-H193L GLAPPQHILI	15	>TP53-H193L GLAPPQLLI	53	38
>TP53-H193L GLAPPQHILIR'	9	>TP53-H193L GLAPPQLLIR\	13	4
>TP53-H193L GLAPPQHL	61	>TP53-H193L GLAPPQLL	48	13
>TP53-H193L GLAPPQHILI	31	>TP53-H193L GLAPPQLLI	51	20
>TP53-H193L GLAPPQHILIR'	7	>TP53-H193L GLAPPQLLIR\	10	3
>TP53-H193L GLAPPQHILIR'	44	>TP53-H193L GLAPPQLLIR\	54	10
>TP53-H193L GLAPPQHL	16	>TP53-H193L GLAPPQLL	21	5
>TP53-H193L GLAPPQHILI	13	>TP53-H193L GLAPPQLLI	41	28
>TP53-H193L GLAPPQHILIR'	3	>TP53-H193L GLAPPQLLIR\	3	0
>TP53-H193L GLAPPQHL	26	>TP53-H193L GLAPPQLL	81	55
>TP53-H193L GLAPPQHILI	22	>TP53-H193L GLAPPQLLI	235	213
>TP53-H193L GLAPPQHILIR'	7	>TP53-H193L GLAPPQLLIR\	11	4
>TP53-H193L GLAPPQHL	11	>TP53-H193L GLAPPQLL	20	9
>TP53-H193L GLAPPQHILI	13	>TP53-H193L GLAPPQLLI	28	15
>TP53-H193L GLAPPQHILIR'	5	>TP53-H193L GLAPPQLLIR\	5	0
>TP53-H193L GLAPPQHL	175	>TP53-H193L GLAPPQLL	421	246
>TP53-H193L GLAPPQHILI	76	>TP53-H193L GLAPPQLLI	1778	1702
>TP53-H193L GLAPPQHILIR'	9	>TP53-H193L GLAPPQLLIR\	12	3
>TP53-H193L GLAPPQHL	5	>TP53-H193L GLAPPQLL	7	2
>TP53-H193L GLAPPQHILI	5	>TP53-H193L GLAPPQLLI	14	9

>TP53-H193L GLAPPQHLIR'	2	>TP53-H193L GLAPPQLLIR'	2	0
>TP53-H193L GLAPPQHLIR	282	>TP53-H193L GLAPPQLLIR	253	29
>TP53-H193L SDGLAPPQHI	104	>TP53-H193L SDGLAPPQLL	106	2
>TP53-H193L DSDGLAPPQI	16745	>TP53-H193L DSDGLAPPQL	322	16423
>TP53-H193I HLIRVEGNLR'	156	>TP53-H193I NLIRVEGNLR'	248	92
>TP53-H193I HLIRVEGNL	226	>TP53-H193I NLIRVEGNL	331	105
>TP53-H193I HLIRVEGNLR'	111	>TP53-H193I NLIRVEGNLR'	159	48
>TP53-H193I HLIRVEGNLR'	41	>TP53-H193I NLIRVEGNLR'	47	6
>TP53-H193I HLIRVEGNLR'	322	>TP53-H193I NLIRVEGNLR'	386	64
>TP53-H193I HLIRVEGNL	327	>TP53-H193I NLIRVEGNL	535	208
>TP53-H193I HLIRVEGNLR'	9	>TP53-H193I NLIRVEGNLR'	16	7
>TP53-H193I HLIRVEGNLR'	27	>TP53-H193I NLIRVEGNLR'	64	37
>TP53-H193I HLIRVEGNLR'	27	>TP53-H193I NLIRVEGNLR'	60	33
>TP53-H193I HLIRVEGNLR'	701	>TP53-H193I NLIRVEGNLR'	417	284
>TP53-H193I HLIRVEGNL	153	>TP53-H193I NLIRVEGNL	757	604
>TP53-H193I HLIRVEGNLR'	4	>TP53-H193I NLIRVEGNLR'	9	5
>TP53-H193I HLIRVEGNLR	241	>TP53-H193I NLIRVEGNLR	375	134
>TP53-H193I HLIRVEGNLR	381	>TP53-H193I NLIRVEGNLR	167	214
>TP53-H193I HLIRVEGNLR	24	>TP53-H193I NLIRVEGNLR	20	4
>TP53-H193I HLIRVEGNLR'	398	>TP53-H193I NLIRVEGNLR'	374	24
>TP53-H193I HLIRVEGNLR	478	>TP53-H193I NLIRVEGNLR	2874	2396
>TP53-H193I APPQHLIRV	2001	>TP53-H193I APPQNLIRV	100	1901
>TP53-H193I LAPPQHLIRV	395	>TP53-H193I LAPPQNLIRV	351	44
>TP53-H193I LAPPQHLIRV	52	>TP53-H193I LAPPQNLIRV	54	2
>TP53-H193I LAPPQHLI	5	>TP53-H193I LAPPQQLI	25	20
>TP53-H193I LAPPQHLIRV	28	>TP53-H193I LAPPQNLIRV	74	46
>TP53-H193I LAPPQHLI	70	>TP53-H193I LAPPQQLI	65	5
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>TP53-H193I GLAPPQHLI	65	>TP53-H193I GLAPPQQLI	369	304
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>TP53-H193I GLAPPQHL	22	>TP53-H193I GLAPPQNL	17	5
>TP53-H193I GLAPPQHLI	15	>TP53-H193I GLAPPQQLI	21	6
>TP53-H193I GLAPPQHLIR'	9	>TP53-H193I GLAPPQNLIR'	11	2
>TP53-H193I GLAPPQHL	61	>TP53-H193I GLAPPQNL	49	12
>TP53-H193I GLAPPQHLI	31	>TP53-H193I GLAPPQQLI	37	6
>TP53-H193I GLAPPQHLIR'	7	>TP53-H193I GLAPPQNLIR'	8	1
>TP53-H193I GLAPPQHLIR'	44	>TP53-H193I GLAPPQNLIR'	73	29
>TP53-H193I GLAPPQHL	16	>TP53-H193I GLAPPQNL	26	10
>TP53-H193I GLAPPQHLI	13	>TP53-H193I GLAPPQQLI	77	64
>TP53-H193I GLAPPQHLIR'	3	>TP53-H193I GLAPPQNLIR'	4	1
>TP53-H193I GLAPPQHL	26	>TP53-H193I GLAPPQNL	58	32
>TP53-H193I GLAPPQHLI	22	>TP53-H193I GLAPPQQLI	113	91
>TP53-H193I GLAPPQHLIR'	7	>TP53-H193I GLAPPQNLIR'	8	1

>TP53-H193F GLAPPQHL	11	>TP53-H193F GLAPPQNL	23	12
>TP53-H193F GLAPPQHLI	13	>TP53-H193F GLAPPQNLI	57	44
>TP53-H193F GLAPPQHLIR'	5	>TP53-H193F GLAPPQNLIR'	6	1
>TP53-H193F GLAPPQHL	175	>TP53-H193F GLAPPQNL	181	6
>TP53-H193F GLAPPQHLI	76	>TP53-H193F GLAPPQNLI	1750	1674
>TP53-H193F GLAPPQHLIR'	9	>TP53-H193F GLAPPQNLIR'	11	2
>TP53-H193F GLAPPQHL	5	>TP53-H193F GLAPPQNL	7	2
>TP53-H193F GLAPPQHLI	5	>TP53-H193F GLAPPQNLI	20	15
>TP53-H193F GLAPPQHLIR'	2	>TP53-H193F GLAPPQNLIR'	2	0
>TP53-H193F GLAPPQHLIR	282	>TP53-H193F GLAPPQNLIR	366	84
>TP53-H193F SDGLAPPQHI	104	>TP53-H193F SDGLAPPQNI	136	32
>TP53-H193F HLIRVEGNLR'	156	>TP53-H193F PLIRVEGNLR'	2916	2760
>TP53-H193F HLIRVEGNL	226	>TP53-H193F PLIRVEGNL	2551	2325
>TP53-H193F HLIRVEGNLR'	111	>TP53-H193F PLIRVEGNLR'	1732	1621
>TP53-H193F HLIRVEGNLR'	41	>TP53-H193F PLIRVEGNLR'	1271	1230
>TP53-H193F HLIRVEGNLR'	322	>TP53-H193F PLIRVEGNLR'	4669	4347
>TP53-H193F HLIRVEGNL	327	>TP53-H193F PLIRVEGNL	1646	1319
>TP53-H193F HLIRVEGNLR'	9	>TP53-H193F PLIRVEGNLR'	44	35
>TP53-H193F HLIRVEGNLR'	27	>TP53-H193F PLIRVEGNLR'	1584	1557
>TP53-H193F HLIRVEGNLR'	27	>TP53-H193F PLIRVEGNLR'	116	89
>TP53-H193F HLIRVEGNL	153	>TP53-H193F PLIRVEGNL	1299	1146
>TP53-H193F HLIRVEGNLR'	4	>TP53-H193F PLIRVEGNLR'	15	11
>TP53-H193F HLIRVEGNLR	241	>TP53-H193F PLIRVEGNLR	2324	2083
>TP53-H193F HLIRVEGNLR	381	>TP53-H193F PLIRVEGNLR	1897	1516
>TP53-H193F HLIRVEGNLR	24	>TP53-H193F PLIRVEGNLR	1795	1771
>TP53-H193F HLIRVEGNLR'	398	>TP53-H193F PLIRVEGNLR'	11611	11213
>TP53-H193F HLIRVEGNLR	478	>TP53-H193F PLIRVEGNLR	5257	4779
>TP53-H193F LAPPQHILIRV	395	>TP53-H193F LAPPQPLIRV	278	117
>TP53-H193F LAPPQHILIRV	577	>TP53-H193F LAPPQPLIRV	383	194
>TP53-H193F LAPPQHILIRV	52	>TP53-H193F LAPPQPLIRV	62	10
>TP53-H193F LAPPQHILI	5	>TP53-H193F LAPPQPLI	53	48
>TP53-H193F LAPPQHILIRV	28	>TP53-H193F LAPPQPLIRV	82	54
>TP53-H193F LAPPQHILI	70	>TP53-H193F LAPPQPLI	46	24
>TP53-H193F GLAPPQHL	285	>TP53-H193F GLAPPQPL	87	198
>TP53-H193F GLAPPQHLI	65	>TP53-H193F GLAPPQPLI	51	14
>TP53-H193F GLAPPQHLIR'	20	>TP53-H193F GLAPPQPLIR'	23	3
>TP53-H193F GLAPPQHL	22	>TP53-H193F GLAPPQPL	18	4
>TP53-H193F GLAPPQHLI	15	>TP53-H193F GLAPPQPLI	79	64
>TP53-H193F GLAPPQHLIR'	9	>TP53-H193F GLAPPQPLIR'	21	12
>TP53-H193F GLAPPQHL	61	>TP53-H193F GLAPPQPL	28	33
>TP53-H193F GLAPPQHLI	31	>TP53-H193F GLAPPQPLI	71	40
>TP53-H193F GLAPPQHLIR'	7	>TP53-H193F GLAPPQPLIR'	11	4
>TP53-H193F GLAPPQHL	755	>TP53-H193F GLAPPQPL	405	350

>TP53-H193FGLAPPQHLI	500	>TP53-H193FGLAPPQPLI	374	126
>TP53-H193FGLAPPQHLIR'	44	>TP53-H193FGLAPPQPLIR\	56	12
>TP53-H193FGLAPPQHL	16	>TP53-H193FGLAPPQPL	11	5
>TP53-H193FGLAPPQHLI	13	>TP53-H193FGLAPPQPLI	19	6
>TP53-H193FGLAPPQHLIR'	3	>TP53-H193FGLAPPQPLIR\	3	0
>TP53-H193FGLAPPQHL	26	>TP53-H193FGLAPPQPL	27	1
>TP53-H193FGLAPPQHLI	22	>TP53-H193FGLAPPQPLI	123	101
>TP53-H193FGLAPPQHLIR'	7	>TP53-H193FGLAPPQPLIR\	11	4
>TP53-H193FGLAPPQHL	11	>TP53-H193FGLAPPQPL	15	4
>TP53-H193FGLAPPQHLI	13	>TP53-H193FGLAPPQPLI	11	2
>TP53-H193FGLAPPQHLIR'	5	>TP53-H193FGLAPPQPLIR\	5	0
>TP53-H193FGLAPPQHL	175	>TP53-H193FGLAPPQPL	180	5
>TP53-H193FGLAPPQHLI	76	>TP53-H193FGLAPPQPLI	192	116
>TP53-H193FGLAPPQHLIR'	9	>TP53-H193FGLAPPQPLIR\	8	1
>TP53-H193FGLAPPQHL	5	>TP53-H193FGLAPPQPL	6	1
>TP53-H193FGLAPPQHLI	5	>TP53-H193FGLAPPQPLI	11	6
>TP53-H193FGLAPPQHLIR'	2	>TP53-H193FGLAPPQPLIR\	2	0
>TP53-H193FGLAPPQHLIR	282	>TP53-H193FGLAPPQPLIR	271	11
>TP53-H193FSDGLAPPQHL	104	>TP53-H193FSDGLAPPQPL	201	97
>TP53-H193FSDGLAPPQHL	1128	>TP53-H193FSDGLAPPQPL	277	851
>TP53-H193FHLIRVEGNLR'	156	>TP53-H193FRLIRVEGNLR\	86	70
>TP53-H193FHLIRVEGNL	226	>TP53-H193FRLIRVEGNL	233	7
>TP53-H193FHLIRVEGNLR'	111	>TP53-H193FRLIRVEGNLR\	120	9
>TP53-H193FHLIRVEGNL	690	>TP53-H193FRLIRVEGNL	262	428
>TP53-H193FHLIRVEGNLR'	41	>TP53-H193FRLIRVEGNLR\	18	23
>TP53-H193FHLIRVEGNLR'	322	>TP53-H193FRLIRVEGNLR\	129	193
>TP53-H193FHLIRVEGNL	327	>TP53-H193FRLIRVEGNL	66	261
>TP53-H193FHLIRVEGNLR'	9	>TP53-H193FRLIRVEGNLR\	4	5
>TP53-H193FHLIRVEGNLR'	27	>TP53-H193FRLIRVEGNLR\	23	4
>TP53-H193FHLIRVEGNL	878	>TP53-H193FRLIRVEGNL	458	420
>TP53-H193FHLIRVEGNLR'	27	>TP53-H193FRLIRVEGNLR\	18	9
>TP53-H193FHLIRVEGNL	153	>TP53-H193FRLIRVEGNL	155	2
>TP53-H193FHLIRVEGNLR'	4	>TP53-H193FRLIRVEGNLR\	4	0
>TP53-H193FHLIRVEGNLR	241	>TP53-H193FRLIRVEGNLR	37	204
>TP53-H193FHLIRVEGNLR	381	>TP53-H193FRLIRVEGNLR	1130	749
>TP53-H193FHLIRVEGNLR	24	>TP53-H193FRLIRVEGNLR	188	164
>TP53-H193FHLIRVEGNLR'	398	>TP53-H193FRLIRVEGNLR\	6616	6218
>TP53-H193FHLIRVEGNLR	478	>TP53-H193FRLIRVEGNLR	457	21
>TP53-H193FQHLIRVEGNL	3884	>TP53-H193FQRLIRVEGNL	38	3846
>TP53-H193FQHLIRVEGNL	18586	>TP53-H193FQRLIRVEGNL	230	18356
>TP53-H193FQHLIRVEGNL	13588	>TP53-H193FQRLIRVEGNL	103	13485
>TP53-H193FQHLIRVEGNL	10610	>TP53-H193FQRLIRVEGNL	45	10565
>TP53-H193FAPPQHLIRV	2001	>TP53-H193FAPPQHLIRV	476	1525



>TP53-H193FLAPPQHILIRV	395	>TP53-H193FLAPPQRLIRV	366	29
>TP53-H193FLAPPQHILIRV	52	>TP53-H193FLAPPQRLIRV	57	5
>TP53-H193FLAPPQHILI	5	>TP53-H193FLAPPQRLI	27	22
>TP53-H193FLAPPQHILIRV	28	>TP53-H193FLAPPQRLIRV	118	90
>TP53-H193FLAPPQHILI	70	>TP53-H193FLAPPQRLI	61	9
>TP53-H193FLAPPQHL	285	>TP53-H193FLAPPQRL	588	303
>TP53-H193FLAPPQHILI	65	>TP53-H193FLAPPQRLI	2547	2482
>TP53-H193FLAPPQHILIR'	20	>TP53-H193FLAPPQRLIR'	74	54
>TP53-H193FLAPPQHL	22	>TP53-H193FLAPPQRL	39	17
>TP53-H193FLAPPQHILI	15	>TP53-H193FLAPPQRLI	262	247
>TP53-H193FLAPPQHILIR'	9	>TP53-H193FLAPPQRLIR'	23	14
>TP53-H193FLAPPQHL	61	>TP53-H193FLAPPQRL	107	46
>TP53-H193FLAPPQHILI	31	>TP53-H193FLAPPQRLI	113	82
>TP53-H193FLAPPQHILIR'	7	>TP53-H193FLAPPQRLIR'	11	4
>TP53-H193FLAPPQHILIR'	44	>TP53-H193FLAPPQRLIR'	152	108
>TP53-H193FLAPPQHL	16	>TP53-H193FLAPPQRL	19	3
>TP53-H193FLAPPQHILI	13	>TP53-H193FLAPPQRLI	87	74
>TP53-H193FLAPPQHILIR'	3	>TP53-H193FLAPPQRLIR'	4	1
>TP53-H193FLAPPQHL	26	>TP53-H193FLAPPQRL	132	106
>TP53-H193FLAPPQHILI	22	>TP53-H193FLAPPQRLI	875	853
>TP53-H193FLAPPQHILIR'	7	>TP53-H193FLAPPQRLIR'	18	11
>TP53-H193FLAPPQHL	11	>TP53-H193FLAPPQRL	49	38
>TP53-H193FLAPPQHILI	13	>TP53-H193FLAPPQRLI	348	335
>TP53-H193FLAPPQHILIR'	5	>TP53-H193FLAPPQRLIR'	8	3
>TP53-H193FLAPPQHL	175	>TP53-H193FLAPPQRL	357	182
>TP53-H193FLAPPQHILI	76	>TP53-H193FLAPPQRLI	6523	6447
>TP53-H193FLAPPQHILIR'	9	>TP53-H193FLAPPQRLIR'	31	22
>TP53-H193FLAPPQHL	5	>TP53-H193FLAPPQRL	6	1
>TP53-H193FLAPPQHILI	5	>TP53-H193FLAPPQRLI	56	51
>TP53-H193FLAPPQHILIR'	2	>TP53-H193FLAPPQRLIR'	2	0
>TP53-H193FLAPPQHILIR	282	>TP53-H193FLAPPQRLIR	593	311
>TP53-H193FLSDGLAPPQHI	104	>TP53-H193FLSDGLAPPQRL	237	133
>TP53-H193FLDSDGLAPPQI	27248	>TP53-H193FLDSDGLAPPQRL	450	26798
>TP53-H193\HLIRVEGNL	4684	>TP53-H193\YLIRVEGNL	155	4529
>TP53-H193\HLIRVEGNLR'	156	>TP53-H193\YLIRVEGNLR'	17	139
>TP53-H193\HLIRVEGNL	226	>TP53-H193\YLIRVEGNL	34	192
>TP53-H193\HLIRVEGNLR'	111	>TP53-H193\YLIRVEGNLR'	18	93
>TP53-H193\HLIRVEGNL	690	>TP53-H193\YLIRVEGNL	29	661
>TP53-H193\HLIRVEGNLR'	41	>TP53-H193\YLIRVEGNLR'	5	36
>TP53-H193\HLIRVEGNLR'	322	>TP53-H193\YLIRVEGNLR'	20	302
>TP53-H193\HLIRVEGN	9818	>TP53-H193\YLIRVEGN	487	9331
>TP53-H193\HLIRVEGNL	327	>TP53-H193\YLIRVEGNL	9	318
>TP53-H193\HLIRVEGNLR'	9	>TP53-H193\YLIRVEGNLR'	2	7

>TP53-H193\HLIRVEGNL	806	>TP53-H193\YLIRVEGNL	23	783
>TP53-H193\HLIRVEGNLR'	27	>TP53-H193\YLIRVEGNLR\	4	23
>TP53-H193\HLIRVEGNL	878	>TP53-H193\YLIRVEGNL	32	846
>TP53-H193\HLIRVEGNLR'	27	>TP53-H193\YLIRVEGNLR\	6	21
>TP53-H193\HLIRVEGNLR'	701	>TP53-H193\YLIRVEGNLR\	16	685
>TP53-H193\HLIRVEGNL	153	>TP53-H193\YLIRVEGNL	7	146
>TP53-H193\HLIRVEGNLR'	4	>TP53-H193\YLIRVEGNLR\	2	2
>TP53-H193\HLIRVEGNLR	241	>TP53-H193\YLIRVEGNLR	290	49
>TP53-H193\HLIRVEGNLR	381	>TP53-H193\YLIRVEGNLR	201	180
>TP53-H193\HLIRVEGNLR	24	>TP53-H193\YLIRVEGNLR	20	4
>TP53-H193\HLIRVEGNLR'	398	>TP53-H193\YLIRVEGNLR\	769	371
>TP53-H193\HLIRVEGNLR	478	>TP53-H193\YLIRVEGNLR	1751	1273
>TP53-H193\QHLIRVEGNL	11213	>TP53-H193\QYLIRVEGNL	77	11136
>TP53-H193\QHLIRVEGNL	13287	>TP53-H193\QYLIRVEGNL	13	13274
>TP53-H193\QHLIRVEGNL	7915	>TP53-H193\QYLIRVEGNL	185	7730
>TP53-H193\QHLIRVEGNL	12474	>TP53-H193\QYLIRVEGNL	182	12292
>TP53-H193\QHLIRVEGNL	709	>TP53-H193\QYLIRVEGNL	34	675
>TP53-H193\SDSDGLAPPC	15985	>TP53-H193\SDSDGLAPPC	445	15540
>TP53-H193\LAPPQHILRV	395	>TP53-H193\LAPPQYLIRV	191	204
>TP53-H193\LAPPQHILRV	577	>TP53-H193\LAPPQYLIRV	393	184
>TP53-H193\LAPPQHILRV	52	>TP53-H193\LAPPQYLIRV	38	14
>TP53-H193\LAPPQHILI	898	>TP53-H193\LAPPQYLI	423	475
>TP53-H193\LAPPQHILI	5	>TP53-H193\LAPPQYLI	6	1
>TP53-H193\LAPPQHILRV	28	>TP53-H193\LAPPQYLIRV	31	3
>TP53-H193\LAPPQHILI	70	>TP53-H193\LAPPQYLI	55	15
>TP53-H193\GLAPPQHL	285	>TP53-H193\GLAPPQYL	44	241
>TP53-H193\GLAPPQHILI	65	>TP53-H193\GLAPPQYLI	26	39
>TP53-H193\GLAPPQHILIR'	20	>TP53-H193\GLAPPQYLIR\	14	6
>TP53-H193\GLAPPQHL	22	>TP53-H193\GLAPPQYL	6	16
>TP53-H193\GLAPPQHILI	15	>TP53-H193\GLAPPQYLI	10	5
>TP53-H193\GLAPPQHILIR'	9	>TP53-H193\GLAPPQYLIR\	7	2
>TP53-H193\GLAPPQHL	61	>TP53-H193\GLAPPQYL	32	29
>TP53-H193\GLAPPQHILI	31	>TP53-H193\GLAPPQYLI	46	15
>TP53-H193\GLAPPQHILIR'	7	>TP53-H193\GLAPPQYLIR\	8	1
>TP53-H193\GLAPPQHL	755	>TP53-H193\GLAPPQYL	377	378
>TP53-H193\GLAPPQHILI	500	>TP53-H193\GLAPPQYLI	478	22
>TP53-H193\GLAPPQHILIR'	44	>TP53-H193\GLAPPQYLIR\	40	4
>TP53-H193\GLAPPQHL	16	>TP53-H193\GLAPPQYL	5	11
>TP53-H193\GLAPPQHILI	13	>TP53-H193\GLAPPQYLI	12	1
>TP53-H193\GLAPPQHILIR'	3	>TP53-H193\GLAPPQYLIR\	3	0
>TP53-H193\GLAPPQHL	26	>TP53-H193\GLAPPQYL	11	15
>TP53-H193\GLAPPQHILI	22	>TP53-H193\GLAPPQYLI	13	9
>TP53-H193\GLAPPQHILIR'	7	>TP53-H193\GLAPPQYLIR\	6	1

>TP53-H193\GLAPPQHL	11	>TP53-H193\GLAPPQYL	9	2
>TP53-H193\GLAPPQHLI	13	>TP53-H193\GLAPPQYLI	17	4
>TP53-H193\GLAPPQHLIR	5	>TP53-H193\GLAPPQYLIR	5	0
>TP53-H193\GLAPPQHL	175	>TP53-H193\GLAPPQYL	16	159
>TP53-H193\GLAPPQHLI	76	>TP53-H193\GLAPPQYLI	95	19
>TP53-H193\GLAPPQHLIR	9	>TP53-H193\GLAPPQYLIR	6	3
>TP53-H193\GLAPPQHL	5	>TP53-H193\GLAPPQYL	4	1
>TP53-H193\GLAPPQHLI	5	>TP53-H193\GLAPPQYLI	9	4
>TP53-H193\GLAPPQHLIR	2	>TP53-H193\GLAPPQYLIR	2	0
>TP53-H193\GLAPPQHLIR	282	>TP53-H193\GLAPPQYLIR	171	111
>TP53-H193\SDGLAPPQHI	104	>TP53-H193\SDGLAPPQYL	74	30
>TP53-H193\SDGLAPPQHL	14432	>TP53-H193\SDGLAPPQYLI	110	14322
>TP53-H193\SDGLAPPQHLIR	21973	>TP53-H193\SDGLAPPQYLIR	484	21489
>TP53-H193\SDGLAPPQHLIR	1128	>TP53-H193\SDGLAPPQYLIR	348	780
>TP53-H214[RHSVVVPY	23	>TP53-H214[RDSVVVPY	752	729
>TP53-H214[RHSVVVPY	413	>TP53-H214[RDSVVVPY	29660	29247
>TP53-H214[FRHSVVVPY	4	>TP53-H214[FRDSVVVPY	89	85
>TP53-H214[FRHSVVVPY	33	>TP53-H214[FRDSVVVPY	241	208
>TP53-H214[TFRHSVVVPY	185	>TP53-H214[TFRDSVVVPY	229	44
>TP53-H214[TFRHSVVV	139	>TP53-H214[TFRDSVVV	437	298
>TP53-H214[TFRHSVVVPY	162	>TP53-H214[TFRDSVVVPY	292	130
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>TP53-H214[TFRHSVVVPY	225	>TP53-H214[TFRDSVVVPY	245	20
>TP53-H214[TFRHSVVVPY	271	>TP53-H214[TFRDSVVVPY	786	515
>TP53-H214[NTFRHSVV	382	>TP53-H214[NTFRDSVV	1357	975
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>TP53-H214[NTFRHSVVVF	128	>TP53-H214[NTFRDSVVVF	249	121
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>TP53-H214[NTFRHSVVVF	123	>TP53-H214[NTFRDSVVVF	186	63
>TP53-H214[NTFRHSVVVF	678	>TP53-H214[NTFRDSVVVF	334	344
>TP53-H214[NTFRHSVVVF	82	>TP53-H214[NTFRDSVVVF	135	53
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>TP53-H214[NTFRHSVVVF	61	>TP53-H214[NTFRDSVVVF	121	60
>TP53-H214[NTFRHSVVVF	34	>TP53-H214[NTFRDSVVVF	34	0
>TP53-H214[NTFRHSVV	11	>TP53-H214[NTFRDSVV	13	2
>TP53-H214[NTFRHSVVV	8	>TP53-H214[NTFRDSVVV	11	3
>TP53-H214[NTFRHSVV	50	>TP53-H214[NTFRDSVV	205	155
>TP53-H214[NTFRHSVVV	25	>TP53-H214[NTFRDSVVV	42	17
>TP53-H214[NTFRHSVVVF	65	>TP53-H214[NTFRDSVVVF	86	21
>TP53-H214[NTFRHSVVVF	492	>TP53-H214[NTFRDSVVVF	680	188
>TP53-H214[NTFRHSVVVF	33	>TP53-H214[NTFRDSVVVF	51	18
>TP53-H214[NTFRHSVVVF	23	>TP53-H214[NTFRDSVVVF	49	26

>TP53-H214[NTFRHSVVVF	105	>TP53-H214[NTFRDSVVVF	116	11
>TP53-H214[NTFRHSVVVF	289	>TP53-H214[NTFRDSVVVF	200	89
>TP53-H214[NTFRHSVVVF	23	>TP53-H214[NTFRDSVVVF	42	19
>TP53-H214[RNTFRHSVV	224	>TP53-H214[RNTFRDSVV	1020	796
>TP53-H214[LDDRNTFRHS	482	>TP53-H214[LDDRNTFRDS	433	49
>TP53-H214[YLDDRNTFRH	333	>TP53-H214[YLDDRNTFRD	1958	1625
>TP53-H214[YLDDRNTFRH	800	>TP53-H214[YLDDRNTFRD	349	451
>TP53-H214[YLDDRNTFRH	155	>TP53-H214[YLDDRNTFRD	738	583
>TP53-H214[YLDDRNTFRH	187	>TP53-H214[YLDDRNTFRD	189	2
>TP53-H214[YLDDRNTFRH	171	>TP53-H214[YLDDRNTFRD	352	181
>TP53-H214(RHSVVVPY	642	>TP53-H214(RQSVVVPY	167	475
>TP53-H214(RHSVVVPY	5812	>TP53-H214(RQSVVVPY	366	5446
>TP53-H214(RHSVVVPY	2425	>TP53-H214(RQSVVVPY	37	2388
>TP53-H214(RHSVVVPY	23	>TP53-H214(RQSVVVPY	4	19
>TP53-H214(RHSVVVPY	413	>TP53-H214(RQSVVVPY	8677	8264
>TP53-H214(FRHSVVVPY	4	>TP53-H214(FRQSVVVPY	10	6
>TP53-H214(FRHSVVVPY	33	>TP53-H214(FRQSVVVPY	35	2
>TP53-H214(FRHSVVVPY	946	>TP53-H214(FRQSVVVPY	305	641
>TP53-H214(FRHSVVVPY	1518	>TP53-H214(FRQSVVVPY	474	1044
>TP53-H214(TFRHSVVVPY	185	>TP53-H214(TFRQSVVVPY	164	21
>TP53-H214(TFRHSVVV	139	>TP53-H214(TFRQSVVV	542	403
>TP53-H214(TFRHSVVVPY	162	>TP53-H214(TFRQSVVVPY	643	481
>TP53-H214(TFRHSVVVPY	140	>TP53-H214(TFRQSVVVPY	131	9
>TP53-H214(TFRHSVVVPY	225	>TP53-H214(TFRQSVVVPY	163	62
>TP53-H214(TFRHSVVVPY	271	>TP53-H214(TFRQSVVVPY	628	357
>TP53-H214(NTFRHSVV	382	>TP53-H214(NTFRQSVV	980	598
>TP53-H214(NTFRHSVV	309	>TP53-H214(NTFRQSVV	543	234
>TP53-H214(NTFRHSVVV	265	>TP53-H214(NTFRQSVVV	456	191
>TP53-H214(NTFRHSVVVF	128	>TP53-H214(NTFRQSVVVF	164	36
>TP53-H214(NTFRHSVVVF	97	>TP53-H214(NTFRQSVVVF	130	33
>TP53-H214(NTFRHSVVVF	123	>TP53-H214(NTFRQSVVVF	295	172
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>TP53-H214(NTFRHSVVVF	61	>TP53-H214(NTFRQSVVVF	75	14
>TP53-H214(NTFRHSVVVF	34	>TP53-H214(NTFRQSVVVF	38	4
>TP53-H214(NTFRHSVV	11	>TP53-H214(NTFRQSVV	12	1
>TP53-H214(NTFRHSVVV	8	>TP53-H214(NTFRQSVVV	9	1
>TP53-H214(NTFRHSVV	50	>TP53-H214(NTFRQSVV	105	55
>TP53-H214(NTFRHSVVV	25	>TP53-H214(NTFRQSVVV	53	28
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>TP53-H214(NTFRHSVVVF	65	>TP53-H214(NTFRQSVVVF	83	18
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>TP53-H214CNTFRHSVVVF	289	>TP53-H214CNTFRQSVVVF	245	44
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>TP53-H214C YLDDRNTFRF	333	>TP53-H214C YLDDRNTFRC	905	572
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>TP53-H214C YLDDRNTFRF	155	>TP53-H214C YLDDRNTFRC	88	67
>TP53-H214C YLDDRNTFRF	3628	>TP53-H214C YLDDRNTFRC	175	3453
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>TP53-H214F RHSVVVPY	413	>TP53-H214F RRSVVVPY	2022	1609
>TP53-H214F EYLDDRNTFR	14213	>TP53-H214F EYLDDRNTFR	325	13888
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>TP53-H214F FRHSVVVP	690	>TP53-H214F FRRSVVVP	415	275
>TP53-H214F FRHSVVVPY	4	>TP53-H214F FRRSVVVPY	4	0
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>TP53-H214F TFRHSVVVPY	185	>TP53-H214F TFRRSVVVPY	211	26
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>TP53-H214F NTFRHSVVVF	678	>TP53-H214F NTFRRSVVVF	200	478
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>TP53-H214FNTFRHSVVV	412	>TP53-H214FNTFRRSVVV	511	99
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>TP53-H214FNTFRHSVVVF	34	>TP53-H214FNTFRRSVVVP	30	4
>TP53-H214FNTFRHSVV	11	>TP53-H214FNTFRRSVV	12	1
>TP53-H214FNTFRHSVVV	8	>TP53-H214FNTFRRSVVV	11	3
>TP53-H214FNTFRHSVV	50	>TP53-H214FNTFRRSVV	241	191
>TP53-H214FNTFRHSVVV	25	>TP53-H214FNTFRRSVVV	150	125
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>TP53-H214FNTFRHSVVVF	492	>TP53-H214FNTFRRSVVVP	545	53
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>TP53-H214FNTFRHSVVVF	105	>TP53-H214FNTFRRSVVVP	344	239
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>TP53-H214\RHSVVVPY	3191	>TP53-H214\RYSVVVPY	308	2883
>TP53-H214\EYLDDRNTFR	6761	>TP53-H214\EYLDDRNTFR	106	6655
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>TP53-H214\FRHSVVVP	690	>TP53-H214\FRYSVVVP	190	500
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>TP53-H214\FRHSVVPYE	1718	>TP53-H214\FRYSVVPYE	455	1263
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>TP53-H214\TFRHSVVPY	162	>TP53-H214\TFRYSVVPY	191	29
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>TP53-H214\TFRHSVVPY	140	>TP53-H214\TFRYSVVPY	142	2
>TP53-H214\TFRHSVVPY	225	>TP53-H214\TFRYSVVPY	226	1
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>TP53-H214\NTFRHSVV	82	>TP53-H214\NTFRYSVV	78	4
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>TP53-H214\NTFRHSVV	8	>TP53-H214\NTFRYSVV	7	1
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>TP53-H214\NTRFRHSVVVF	23	>TP53-H214\NTRFRYSVVVP	19	4
>TP53-H214\RNTFRHSVV	224	>TP53-H214\RNTFRYSVV	415	191
>TP53-H214\LDDRNTFRH	18562	>TP53-H214\LDDRNTFRY	165	18397
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>TP53-H214\YLDDRNTFRF	12405	>TP53-H214\YLDDRNTFRY	50	12355
>TP53-H214\YLDDRNTFRF	1704	>TP53-H214\YLDDRNTFRY	351	1353
>TP53-H214\YLDDRNTFRF	1276	>TP53-H214\YLDDRNTFRY	311	965
>TP53-H214\YLDDRNTFRF	333	>TP53-H214\YLDDRNTFRY	192	141
>TP53-H214\YLDDRNTFRF	800	>TP53-H214\YLDDRNTFRY	78	722
>TP53-H214\YLDDRNTFRF	155	>TP53-H214\YLDDRNTFRY	24	131
>TP53-H214\YLDDRNTFRF	3628	>TP53-H214\YLDDRNTFRY	338	3290
>TP53-H214\YLDDRNTFRF	1022	>TP53-H214\YLDDRNTFRY	381	641
>TP53-H214\YLDDRNTFRF	648	>TP53-H214\YLDDRNTFRY	399	249
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>TP53-H214\YLDDRNTFRF	171	>TP53-H214\YLDDRNTFRY	78	93
>TP53-H214\YLDDRNTFRF	17094	>TP53-H214\YLDDRNTFRY	107	16987
>TP53-H214\YLDDRNTFRF	23963	>TP53-H214\YLDDRNTFRY	355	23608
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>TP53-H233[ TTIHYNM	1118	>TP53-H233[ TTIDYNM	282	836
>TP53-H233[ TTIHYNM	46	>TP53-H233[ TTIDYNM	14	32
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>TP53-H233[ CTTIHYNM	116	>TP53-H233[ CTTIDYNM	1772	1656
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>TP53-H233LSDCTTIHYN	400	>TP53-H233LSDCTTIDYNY	366	34
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>TP53-H233LTTIHYNMCM	102	>TP53-H233LTTILYNMCM	267	165
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>TP53-H233L CTTIHNY	50	>TP53-H233L CTTILNY	75	25
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>TP53-H233L CTTIHYNM	999	>TP53-H233L CTTILYNM	94	905
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>TP53-H233L CTTIHYNM	405	>TP53-H233L CTTILYNM	694	289
>TP53-H233L DCTTIHNY	521	>TP53-H233L DCTTILNY	36	485
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>TP53-H233L GSDCTTIH	2475	>TP53-H233L GSDCTTILY	372	2103
>TP53-H233L GSDCTTIH	659	>TP53-H233L GSDCTTILY	157	502
>TP53-H233L GSDCTTIHYN	174	>TP53-H233L GSDCTTILYN	193	19
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>TP53-H233L GSDCTTIH	68	>TP53-H233L GSDCTTILY	104	36
>TP53-H233L GSDCTTIHYN	99	>TP53-H233L GSDCTTILYN	124	25
>TP53-H233L GSDCTTIH	535	>TP53-H233L GSDCTTILY	47	488
>TP53-H233L GSDCTTIHYN	247	>TP53-H233L GSDCTTILYN	183	64
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>TP53-H233L VGSDCTTIH	184	>TP53-H233L VGSDCTTILY	117	67
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>TP53-H233L VGSDCTTIH	377	>TP53-H233L VGSDCTTILY	2453	2076
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>TP53-H233L EVGSDCTTIH'	11	>TP53-H233L EVGSDCTTILY	42	31
>TP53-H233L EVGSDCTTIH'	75	>TP53-H233L EVGSDCTTILY	70	5
>TP53-H233L EVGSDCTTIH'	387	>TP53-H233L EVGSDCTTILY	120	267
>TP53-H233L EVGSDCTTIH'	612	>TP53-H233L EVGSDCTTILY	272	340
>TP53-H233L EVGSDCTTIH'	326	>TP53-H233L EVGSDCTTILY	209	117
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>TP53-H233FTTIHYNYM	135	>TP53-H233FTTIPYNYM	113	22
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>TP53-H233FTTIHYNMYCN	102	>TP53-H233FTTIPYNYMCN	82	20
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>TP53-H233FCTTIHYNYM	116	>TP53-H233FCTTIPYNYM	709	593
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>TP53-H233FCTTIHYNMYC	1337	>TP53-H233FCTTIPYNYM	176	1161
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>TP53-H233FCTTIHYNMYC	999	>TP53-H233FCTTIPYNYM	90	909
>TP53-H233FCTTIHYN	68	>TP53-H233FCTTIPYNY	50	18
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>TP53-H233FDCTTIHYN	287	>TP53-H233FDCTTIPYNY	420	133
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>TP53-H233FGSDCTTIHY	18	>TP53-H233FGSDCTTIPY	12	6
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>TP53-H233FGSDCTTIHYN	174	>TP53-H233FGSDCTTIPYN'	204	30
>TP53-H233FGSDCTTIHY	68	>TP53-H233FGSDCTTIPY	36	32
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>TP53-H233FGSDCTTIHY	242	>TP53-H233FGSDCTTIPY	378	136
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>TP53-H233FVGSDCTTIHY	353	>TP53-H233FVGSDCTTIPY	1368	1015
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>TP53-H233FVGSDCTTIHY	377	>TP53-H233FVGSDCTTIPY	260	117
>TP53-H233FVGSDCTTIHY	449	>TP53-H233FVGSDCTTIPY	327	122
>TP53-H233FEVGSDCCTIH'	11	>TP53-H233FEVGSDCCTIP\	14	3
>TP53-H233FEVGSDCCTIH'	75	>TP53-H233FEVGSDCCTIP\	31	44
>TP53-H233FEVGSDCCTIH'	387	>TP53-H233FEVGSDCCTIP\	477	90

>TP53-H233F EVGSDCTTIH'	326	>TP53-H233F EVGSDCTTIP'	915	589
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>TP53-H233C(CTTIHYNYMC	184	>TP53-H233C(CTTIQYNYMC	598	414
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>TP53-H233C(GSDCTTIHYN	34	>TP53-H233C(GSDCTTIQYN	33	1
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>TP53-H233C(GSDCTTIHYN	582	>TP53-H233C(GSDCTTIQYN	438	144
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>TP53-H233CEVGSDCTTIH'	75	>TP53-H233CEVGSDCTTIQ	125	50
>TP53-H233CEVGSDCTTIH'	387	>TP53-H233CEVGSDCTTIQ	335	52
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>TP53-H233CEVGSDCTTIH'	326	>TP53-H233CEVGSDCTTIQ	1090	764
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>TP53-H233FTIHYNYMCNS	2418	>TP53-H233FTIRYNYMCNS	319	2099
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>TP53-H233FTTIHYNYM	46	>TP53-H233FTTIRYNYM	73	27
>TP53-H233FTTIHYNYM	5	>TP53-H233FTTIRYNYM	4	1
>TP53-H233FTTIHYNYM	135	>TP53-H233FTTIRYNYM	53	82
>TP53-H233FTTIHYNYM	17	>TP53-H233FTTIRYNYM	31	14
>TP53-H233FTTIHYNYMC	120	>TP53-H233FTTIRYNYMC	383	263
>TP53-H233FTTIHYNYMCN	102	>TP53-H233FTTIRYNYMCN	249	147
>TP53-H233FTTIHYNYM	69	>TP53-H233FTTIRYNYM	102	33
>TP53-H233FTTIHYNYM	61	>TP53-H233FTTIRYNYM	173	112
>TP53-H233FTTIHYNYM	260	>TP53-H233FTTIRYNYM	571	311
>TP53-H233FCTTIHYNYM	116	>TP53-H233FCTTIRYNYM	83	33
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>TP53-H233FCTTIHYNY	161	>TP53-H233FCTTIRYNY	1391	1230
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>TP53-H233FCTTIHYNYM	11	>TP53-H233FCTTIRYNYM	40	29
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>TP53-H233FGSDCTTIHY	242	>TP53-H233FGSDCTTIRY	101	141
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>TP53-H233FEVGSDDCTTIH'	387	>TP53-H233FEVGSDDCTTIR'	518	131
>TP53-H233FEVGSDDCTTIH	14704	>TP53-H233FEVGSDDCTTIR	124	14580
>TP53-H233FEVGSDDCTTIH'	326	>TP53-H233FEVGSDDCTTIR'	689	363
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>TP53-H233\TTIHYNYM	46	>TP53-H233\TTIYNYM	36	10
>TP53-H233\TTIHYNYM	5	>TP53-H233\TTIYNYM	4	1
>TP53-H233\TTIHYNYM	135	>TP53-H233\TTIYNYM	123	12
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>TP53-H233\TTIHYNYM	17	>TP53-H233\TTIYNYM	13	4
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>TP53-H233\TTIHYNYMCN	102	>TP53-H233\TTIYNYMCN	71	31
>TP53-H233\TTIHYNYM	69	>TP53-H233\TTIYNYM	60	9
>TP53-H233\TTIHYNYM	61	>TP53-H233\TTIYNYM	67	6
>TP53-H233\TTIHYNYM	260	>TP53-H233\TTIYNYM	424	164
>TP53-H233\CTTIHYNYM	116	>TP53-H233\CTTIYNYM	63	53
>TP53-H233\CTTIHYNY	117	>TP53-H233\CTTIYNY	85	32
>TP53-H233\CTTIHYNY	161	>TP53-H233\CTTIYNY	386	225
>TP53-H233\CTTIHYNYM	207	>TP53-H233\CTTIYNYM	589	382
>TP53-H233\CTTIHYNY	35	>TP53-H233\CTTIYNY	42	7
>TP53-H233\CTTIHYNY	130	>TP53-H233\CTTIYNY	87	43
>TP53-H233\CTTIHYNY	355	>TP53-H233\CTTIYNY	234	121
>TP53-H233\CTTIHYNY	50	>TP53-H233\CTTIYNY	52	2
>TP53-H233\CTTIHYNYM	11	>TP53-H233\CTTIYNYM	9	2
>TP53-H233\CTTIHYNYMC	184	>TP53-H233\CTTIYNYMC	135	49

>TP53-H233\CTTIHYNYM	999	>TP53-H233\CTTIYNYM	173	826
>TP53-H233\CTTIHYNY	68	>TP53-H233\CTTIYNY	57	11
>TP53-H233\CTTIHYNYM	405	>TP53-H233\CTTIYNYM	472	67
>TP53-H233\DCTTIHYNY	287	>TP53-H233\DCTTIYNY	392	105
>TP53-H233\SDCTTIHYNY	400	>TP53-H233\SDCTTIYNY	334	66
>TP53-H233\GSDCTTIH	9255	>TP53-H233\GSDCTTIY	37	9218
>TP53-H233\GSDCTTIHY	18	>TP53-H233\GSDCTTIYY	13	5
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>TP53-H233\GSDCTTIHY	2475	>TP53-H233\GSDCTTIYY	162	2313
>TP53-H233\GSDCTTIHY	659	>TP53-H233\GSDCTTIYY	207	452
>TP53-H233\GSDCTTIHYN	174	>TP53-H233\GSDCTTIYYN'	170	4
>TP53-H233\GSDCTTIH	14460	>TP53-H233\GSDCTTIY	140	14320
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>TP53-H233\GSDCTTIHY	242	>TP53-H233\GSDCTTIYY	85	157
>TP53-H233\GSDCTTIHYN	97	>TP53-H233\GSDCTTIYYN'	85	12
>TP53-H233\VGSDCTTIHY	353	>TP53-H233\VGSDCTTIYY	402	49
>TP53-H233\VGSDCTTIHY	184	>TP53-H233\VGSDCTTIYY	71	113
>TP53-H233\VGSDCTTIH	10848	>TP53-H233\VGSDCTTIY	64	10784
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>TP53-H233\VGSDCTTIHY	377	>TP53-H233\VGSDCTTIYY	1223	846
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>TP53-H233\VGSDCTTIH	1591	>TP53-H233\VGSDCTTIY	50	1541
>TP53-H233\VGSDCTTIHY	449	>TP53-H233\VGSDCTTIYY	92	357
>TP53-H233\EVGSDCTTIH	9007	>TP53-H233\EVGSDCTTIY	311	8696
>TP53-H233\EVGSDCTTIH	3391	>TP53-H233\EVGSDCTTIY	32	3359
>TP53-H233\EVGSDCTTIH'	11	>TP53-H233\EVGSDCTTIY\	11	0
>TP53-H233\EVGSDCTTIH	10897	>TP53-H233\EVGSDCTTIY	488	10409
>TP53-H233\EVGSDCTTIH'	75	>TP53-H233\EVGSDCTTIY\	69	6
>TP53-H233\EVGSDCTTIH'	387	>TP53-H233\EVGSDCTTIY\	134	253
>TP53-H233\EVGSDCTTIH'	612	>TP53-H233\EVGSDCTTIY\	171	441
>TP53-H233\EVGSDCTTIH'	326	>TP53-H233\EVGSDCTTIY\	422	96
>TP53-H296L EENLRKKGEP	7803	>TP53-H296L EENLRKKGEP	136	7667
>TP53-H296L KKGEPHHEL	167	>TP53-H296L KKGEPHHEL	446	279
>TP53-H296L RKKGEPHHEL	62	>TP53-H296L RKKGEPHHEL	70	8
>TP53-H296L LRKKGEPH	1925	>TP53-H296L LRKKGEPH	342	1583
>TP53-H296L LRKKGEPHHE	405	>TP53-H296L LRKKGEPHHE	681	276
>TP53-H296L LRKKGEPHHE	321	>TP53-H296L LRKKGEPHHE	218	103
>TP53-H296L NLRKKGEPH	6800	>TP53-H296L NLRKKGEPH	43	6757

>TP53-H296M KKGEPHHEL	167	>TP53-H296M KKGEPNHEL	260	93
>TP53-H296M RKKGEPHHEL	62	>TP53-H296M RKKGEPNHEL	66	4
>TP53-H296M LRKKGEPHHE	405	>TP53-H296M LRKKGEPNHE	431	26
>TP53-H296M LRKKGEPHHE	321	>TP53-H296M LRKKGEPNHE	454	133
>TP53-H296F KKGEPHHEL	167	>TP53-H296F KKGEPHHEL	234	67
>TP53-H296F RKKGEPHH	928	>TP53-H296F RKKGEPHH	404	524
>TP53-H296F RKKGEPHHEL	62	>TP53-H296F RKKGEPHHEL	57	5
>TP53-H296F RKKGEPHHEL	740	>TP53-H296F RKKGEPHHEL	405	335
>TP53-H296F LRKKGEPHHE	405	>TP53-H296F LRKKGEPHHE	381	24
>TP53-H296F LRKKGEPHHE	321	>TP53-H296F LRKKGEPHHE	303	18
>TP53-H296C KKGEPHHEL	167	>TP53-H296C KKGEPQHEL	300	133
>TP53-H296C RKKGEPHHEL	62	>TP53-H296C RKKGEPQHEL	57	5
>TP53-H296C LRKKGEPHHE	405	>TP53-H296C LRKKGEPQHE	554	149
>TP53-H296C LRKKGEPHHE	321	>TP53-H296C LRKKGEPQHE	417	96
>TP53-H296F KKGEPHHEL	167	>TP53-H296F KKGEPHHEL	260	93
>TP53-H296F RKKGEPHHEL	62	>TP53-H296F RKKGEPHHEL	82	20
>TP53-H296F LRKKGEPHHE	405	>TP53-H296F LRKKGEPHHE	603	198
>TP53-H296F LRKKGEPHHE	321	>TP53-H296F LRKKGEPHHE	214	107
>TP53-H296F NLRKKGEPH	16074	>TP53-H296F NLRKKGEPH	331	15743
>TP53-H296F NLRKKGEPH	27724	>TP53-H296F NLRKKGEPH	388	27336
>TP53-H296\ PHHELPPGST	9358	>TP53-H296\ PYHELPPGST	182	9176
>TP53-H296\ EENLRKKGEP	7673	>TP53-H296\ EENLRKKGEP	249	7424
>TP53-H296\ EPHHELPPG	1764	>TP53-H296\ EPHHELPPG	274	1490
>TP53-H296\ KKGEPHHEL	167	>TP53-H296\ KKGEPYHEL	115	52
>TP53-H296\ RKKGEPHHEL	62	>TP53-H296\ RKKGEPYHEL	49	13
>TP53-H296\ LRKKGEPH	1925	>TP53-H296\ LRKKGEPY	74	1851
>TP53-H296\ LRKKGEPHHE	405	>TP53-H296\ LRKKGEPYHE	347	58
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>TP53-H296\ NLRKKGEPH	3656	>TP53-H296\ NLRKKGEPY	65	3591
>TP53-H296\ NLRKKGEPH	1175	>TP53-H296\ NLRKKGEPY	38	1137
>TP53-H297M HELPPGSTKR	250	>TP53-H297M HELPPGSTKR	283	33
>TP53-H297M HELPPGSTKR	437	>TP53-H297M HELPPGSTKR	3633	3196
>TP53-H297M KKGEPHHEL	167	>TP53-H297M KKGEPHHEL	107	60
>TP53-H297M RKKGEPHHEL	62	>TP53-H297M RKKGEPHHEL	47	15
>TP53-H297M LRKKGEPHHE	405	>TP53-H297M LRKKGEPHHE	356	49
>TP53-H297M LRKKGEPHHE	321	>TP53-H297M LRKKGEPHHE	350	29
>TP53-H297F HELPPGSTKR	250	>TP53-H297F HELPPGSTKR	3094	2844
>TP53-H297F HELPPGSTKR	437	>TP53-H297F HELPPGSTKR	6955	6518
>TP53-H297F KKGEPHHEL	167	>TP53-H297F KKGEPHHEL	125	42
>TP53-H297F RKKGEPHHEL	62	>TP53-H297F RKKGEPHHEL	45	17
>TP53-H297F LRKKGEPHHE	405	>TP53-H297F LRKKGEPHHE	396	9
>TP53-H297F LRKKGEPHHE	321	>TP53-H297F LRKKGEPHHE	290	31
>TP53-H297\ HELPPGSTKR	250	>TP53-H297\ HELPPGSTKR	1005	755



>TP53-H297\HELPPGSTKR	437	>TP53-H297\YELPPGSTKR	2071	1634
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>TP53-H297\HHELPPGSTK	14051	>TP53-H297\HYELPPGSTK	207	13844
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>TP53-H297\KKGEPHHEL	167	>TP53-H297\KKGEPHYEL	120	47
>TP53-H297\RKKGEPHH	16949	>TP53-H297\RKKGEPHY	372	16577
>TP53-H297\RKKGEPHH	928	>TP53-H297\RKKGEPHY	14	914
>TP53-H297\RKKGEPHHEL	62	>TP53-H297\RKKGEPHYEL	49	13
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>TP53-I162F-IYKQSQHMTI	727	>TP53-I162F-FYKQSQHMT	60	667
>TP53-I162F-IYKQSQHM	561	>TP53-I162F-FYKQSQHM	56	505
>TP53-I162F-IYKQSQHMTI	864	>TP53-I162F-FYKQSQHMT	103	761
>TP53-I162F-IYKQSQHM	394	>TP53-I162F-FYKQSQHM	5028	4634
>TP53-I162F-AIYKQSQHM	91	>TP53-I162F-AFYKQSQHM	347	256
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>TP53-I162F-AIYKQSQHM	62	>TP53-I162F-AFYKQSQHM	443	381
>TP53-I162F-AIYKQSQHM	198	>TP53-I162F-AFYKQSQHM	693	495
>TP53-I162F-MAIYKQSQ	841	>TP53-I162F-MAFYKQSQ	266	575
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>TP53-I162F-MAIYKQSQH	226	>TP53-I162F-MAFYKQSQH	159	67
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>TP53-I162F-MAIYKQSQH	911	>TP53-I162F-MAFYKQSQH	324	587
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>TP53-I162F-MAIYKQSQH	151	>TP53-I162F-MAFYKQSQH	199	48
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>TP53-I162F-AMAIYKQSQI	221	>TP53-I162F-AMAFYKQSQ	218	3
>TP53-I162F-AMAIYKQSQI	161	>TP53-I162F-AMAFYKQSQ	82	79
>TP53-I162F-AMAIYKQSQI	732	>TP53-I162F-AMAFYKQSQ	310	422
>TP53-I162F-AMAIYKQSQI	199	>TP53-I162F-AMAFYKQSQ	219	20
>TP53-I162F-AMAIYKQSQI	283	>TP53-I162F-AMAFYKQSQ	399	116
>TP53-I162F-AMAIYKQSQ	69	>TP53-I162F-AMAFYKQSQ	137	68
>TP53-I162F-AMAIYKQSQI	49	>TP53-I162F-AMAFYKQSQ	78	29
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>TP53-I162F-AMAIYKQSQI	69	>TP53-I162F-AMAFYKQSQ	50	19
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>TP53-I162F-VRAMAIYK	159	>TP53-I162F-VRAMAFYK	120	39
>TP53-I162F-RVRAMAIY	205	>TP53-I162F-RVRAMAFY	64	141
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>TP53-I162F-RVRAMAIYKC	9	>TP53-I162F-RVRAMAFYKC	8	1
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>TP53-I162F-RVRAMAIYK	18	>TP53-I162F-RVRAMAFYK	9	9
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>TP53-I162F-RVRAMAIY	26	>TP53-I162F-RVRAMAFY	8	18
>TP53-I162F-RVRAMAIY	85	>TP53-I162F-RVRAMAFY	81	4
>TP53-I162F-RVRAMAIY	311	>TP53-I162F-RVRAMAFY	661	350
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>TP53-I162F-RVRAMAIYK	156	>TP53-I162F-RVRAMAFYK	154	2
>TP53-I162F-TRVRAMAIY	62	>TP53-I162F-TRVRAMAFY	10	52
>TP53-I162F-TRVRAMAIY	1130	>TP53-I162F-TRVRAMAFY	379	751
>TP53-I162F-TRVRAMAIYK	765	>TP53-I162F-TRVRAMAFYK	491	274
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>TP53-I162F-TRVRAMAIY	278	>TP53-I162F-TRVRAMAFY	492	214
>TP53-I162F-TRVRAMAI	215	>TP53-I162F-TRVRAMAF	398	183
>TP53-I162F-GTRVRAMAI	269	>TP53-I162F-GTRVRAMAF	196	73
>TP53-I162F-GTRVRAMAI	1539	>TP53-I162F-GTRVRAMAF	322	1217
>TP53-I162F-GTRVRAMAI	50	>TP53-I162F-GTRVRAMAF	48	2
>TP53-I162F-GTRVRAMAI	39	>TP53-I162F-GTRVRAMAF	27	12
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>TP53-I162F-GTRVRAMAI	130	>TP53-I162F-GTRVRAMAF	54	76
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>TP53-I162F-GTRVRAMAI	671	>TP53-I162F-GTRVRAMAF	270	401
>TP53-I162F-GTRVRAMAI	9122	>TP53-I162F-GTRVRAMAF	247	8875
>TP53-I162F-GTRVRAMAI	405	>TP53-I162F-GTRVRAMAF	398	7
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>TP53-I162F-GTRVRAMAI	40	>TP53-I162F-GTRVRAMAF	4	36
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>TP53-I162F- GTRVRAMAI	122	>TP53-I162F- GTRVRAMAF	14	108
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>TP53-I162F- GTRVRAMAI	269	>TP53-I162F- GTRVRAMAF	156	113
>TP53-I162F- GTRVRAMAI	387	>TP53-I162F- GTRVRAMAF	26630	26243
>TP53-I162F- PGTRVRAMA	619	>TP53-I162F- PGTRVRAMA	254	365
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>TP53-I162N IYKQSQHMTI	727	>TP53-I162N MYKQSQHM	236	491
>TP53-I162N IYKQSQHM	561	>TP53-I162N MYKQSQHM	80	481
>TP53-I162N IYKQSQHMTI	864	>TP53-I162N MYKQSQHM	147	717
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>TP53-I162N AIYKQSQHM	91	>TP53-I162N AMYKQSQHM	36	55
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>TP53-I162N AIYKQSQHM	2067	>TP53-I162N AMYKQSQHM	198	1869
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>TP53-I162N AIYKQSQHM	1331	>TP53-I162N AMYKQSQHM	32	1299
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>TP53-I162N AIYKQSQHM	1683	>TP53-I162N AMYKQSQHM	43	1640
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>TP53-I162N AIYKQSQHM	62	>TP53-I162N AMYKQSQHM	24	38
>TP53-I162N AIYKQSQHM	2859	>TP53-I162N AMYKQSQHM	339	2520
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>TP53-I162N AIYKQSQHM	198	>TP53-I162N AMYKQSQHM	8	190
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>TP53-I162N MAIYKQSQH	894	>TP53-I162N MAMYKQSQI	373	521
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>TP53-I162N AMAIYKQSQI	161	>TP53-I162N AMAMYKQSQ	154	7
>TP53-I162N AMAIYKQSQI	732	>TP53-I162N AMAMYKQSQ	448	284
>TP53-I162N AMAIYKQSQI	199	>TP53-I162N AMAMYKQSQ	201	2
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>TP53-I162N AMAIYKQSQ	69	>TP53-I162N AMAMYKQSQ	46	23
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>TP53-I162N AMAIYKQSQI	69	>TP53-I162N AMAMYKQSC	30	39
>TP53-I162N RAMAIYKQSC	354	>TP53-I162N RAMAMYKQSC	200	154
>TP53-I162N RAMAIYKQSC	375	>TP53-I162N RAMAMYKQSC	463	88
>TP53-I162N VRAMAIYK	159	>TP53-I162N VRAMAMYK	295	136
>TP53-I162N RVRAMAIY	205	>TP53-I162N RVRAMAMY	124	81
>TP53-I162N RVRAMAIYK	28	>TP53-I162N RVRAMAMY†	25	3
>TP53-I162N RVRAMAIYK	20	>TP53-I162N RVRAMAMY†	18	2
>TP53-I162N RVRAMAIY	241	>TP53-I162N RVRAMAMY	245	4
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>TP53-I162N RVRAMAIY	5	>TP53-I162N RVRAMAMY	5	0
>TP53-I162N RVRAMAIYK	3	>TP53-I162N RVRAMAMY†	3	0
>TP53-I162N RVRAMAIYKC	10	>TP53-I162N RVRAMAMY†	10	0
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>TP53-I162N RVRAMAIY	107	>TP53-I162N RVRAMAMY	102	5
>TP53-I162N RVRAMAIYK	18	>TP53-I162N RVRAMAMY†	20	2
>TP53-I162N RVRAMAIYK	588	>TP53-I162N RVRAMAMY†	397	191
>TP53-I162N RVRAMAIY	26	>TP53-I162N RVRAMAMY	25	1
>TP53-I162N RVRAMAIY	85	>TP53-I162N RVRAMAMY	78	7
>TP53-I162N RVRAMAIY	311	>TP53-I162N RVRAMAMY	348	37
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>TP53-I162N RVRAMAIYK	156	>TP53-I162N RVRAMAMY†	165	9
>TP53-I162N TRVRAMAIYK	1127	>TP53-I162N TRVRAMAM†	449	678
>TP53-I162N TRVRAMAIY	62	>TP53-I162N TRVRAMAM†	50	12
>TP53-I162N TRVRAMAI	746	>TP53-I162N TRVRAMAM	324	422
>TP53-I162N TRVRAMAIY	278	>TP53-I162N TRVRAMAM†	318	40
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>TP53-I162N GTRVRAMAI†	269	>TP53-I162N GTRVRAMAM	315	46
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>TP53-I162N GTRVRAMAI†	39	>TP53-I162N GTRVRAMAM	34	5
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>TP53-I162N GTRVRAMAI†	30	>TP53-I162N GTRVRAMAM	36	6
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>TP53-I162N GTRVRAMAI†	4	>TP53-I162N GTRVRAMAM	4	0
>TP53-I162N GTRVRAMAI	122	>TP53-I162N GTRVRAMAM	11	111
>TP53-I162N GTRVRAMAI†	21	>TP53-I162N GTRVRAMAM	19	2
>TP53-I162N GTRVRAMAI†	269	>TP53-I162N GTRVRAMAM	219	50
>TP53-I162N GTRVRAMAI	387	>TP53-I162N GTRVRAMAM	11573	11186

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>TP53-I162N IYKQSQHM	394	>TP53-I162N NYKQSQHM	4202	3808
>TP53-I162N AIYKQSQHM	91	>TP53-I162N ANYKQSQHM	114	23
>TP53-I162N AIYKQSQH	349	>TP53-I162N ANYKQSQH	15541	15192
>TP53-I162N AIYKQSQHM	62	>TP53-I162N ANYKQSQHM	369	307
>TP53-I162N AIYKQSQHM	198	>TP53-I162N ANYKQSQHM	192	6
>TP53-I162N MAIYKQSQH	226	>TP53-I162N MANYKQSQH	395	169
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>TP53-I162N MAIYKQSQH	151	>TP53-I162N MANYKQSQH	170	19
>TP53-I162N AMAIYKQSQH	221	>TP53-I162N AMANYKQSC	197	24
>TP53-I162N AMAIYKQSQH	161	>TP53-I162N AMANYKQSC	150	11
>TP53-I162N AMAIYKQSQH	732	>TP53-I162N AMANYKQSC	275	457
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>TP53-I162N AMAIYKQSQ	69	>TP53-I162N AMANYKQSC	30	39
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>TP53-I162N VRAMAIYK	159	>TP53-I162N VRAMANYK	485	326
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>TP53-I162N RVRAMAIYKC	10	>TP53-I162N RVRAMANYK	10	0
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>TP53-I162N RVRAMAIY	107	>TP53-I162N RVRAMANY	117	10
>TP53-I162N RVRAMAIYK	18	>TP53-I162N RVRAMANYK	25	7
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>TP53-I162N GTRVRAMAI\	115	>TP53-I162N GTRVRAMAN	139	24
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>TP53-I162S-IYKQSQHM	561	>TP53-I162S-SYKQSQHM	268	293
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>TP53-I162S-AIYKQSQHM	91	>TP53-I162S-ASYKQSQHM	76	15
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>TP53-I162S-MAIYKQSQHI	226	>TP53-I162S-MASYKQSQH	437	211
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>TP53-I162S-MAIYKQSQHI	583	>TP53-I162S-MASYKQSQH	213	370
>TP53-I162S-AMAIYKQSQI	221	>TP53-I162S-AMASYKQSQ	191	30
>TP53-I162S-AMAIYKQSQI	161	>TP53-I162S-AMASYKQSQ	77	84
>TP53-I162S-AMAIYKQSQI	732	>TP53-I162S-AMASYKQSQ	236	496
>TP53-I162S-AMAIYKQSQI	199	>TP53-I162S-AMASYKQSQ	126	73
>TP53-I162S-AMAIYKQSQI	283	>TP53-I162S-AMASYKQSQ	189	94

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>TP53-I162S-RVRAMAIY	205	>TP53-I162S-RVRAMASY	127	78
>TP53-I162S-RVRAMAIYK	28	>TP53-I162S-RVRAMASYK	27	1
>TP53-I162S-RVRAMAIYK	20	>TP53-I162S-RVRAMASYK	33	13
>TP53-I162S-RVRAMAIY	241	>TP53-I162S-RVRAMASY	147	94
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>TP53-I162S-TRVRAMAIY	62	>TP53-I162S-TRVRAMASY	35	27
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>TP53-I162V-AMAIYKQSQI	69	>TP53-I162V-AMAVYKQSC	41	28
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>TP53-I195F·HLIRVEGNLR'	111	>TP53-I195F·HLFRVEGNLR	35	76
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>TP53-I195F·HLIRVEGNL	327	>TP53-I195F·HLFRVEGNL	39	288
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>TP53-I195F-LAPPQHILI	3938	>TP53-I195F-LAPPQHILF	184	3754
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>TP53-I195F-LAPPQHILI	5	>TP53-I195F-LAPPQHILF	6	1
>TP53-I195F-LAPPQHILRV	28	>TP53-I195F-LAPPQHILFRV	19	9
>TP53-I195F-LAPPQHILRV	865	>TP53-I195F-LAPPQHILFRV	498	367
>TP53-I195F-LAPPQHILIR	504	>TP53-I195F-LAPPQHILFR	163	341
>TP53-I195F-LAPPQHILI	70	>TP53-I195F-LAPPQHILF	12623	12553
>TP53-I195F-GLAPPQHILI	65	>TP53-I195F-GLAPPQHILF	11329	11264
>TP53-I195F-GLAPPQHILIR'	20	>TP53-I195F-GLAPPQHILFR	13	7
>TP53-I195F-GLAPPQHILI	15	>TP53-I195F-GLAPPQHILF	359	344
>TP53-I195F-GLAPPQHILIR'	9	>TP53-I195F-GLAPPQHILFR	5	4
>TP53-I195F-GLAPPQHILI	31	>TP53-I195F-GLAPPQHILF	5893	5862
>TP53-I195F-GLAPPQHILIR'	7	>TP53-I195F-GLAPPQHILFR	6	1
>TP53-I195F-GLAPPQHILIR'	44	>TP53-I195F-GLAPPQHILFR	19	25
>TP53-I195F-GLAPPQHILI	13	>TP53-I195F-GLAPPQHILF	1645	1632
>TP53-I195F-GLAPPQHILIR'	3	>TP53-I195F-GLAPPQHILFR	2	1
>TP53-I195F-GLAPPQHILI	22	>TP53-I195F-GLAPPQHILF	8860	8838
>TP53-I195F-GLAPPQHILIR'	7	>TP53-I195F-GLAPPQHILFR	5	2
>TP53-I195F-GLAPPQHILI	13	>TP53-I195F-GLAPPQHILF	6175	6162
>TP53-I195F-GLAPPQHILIR'	5	>TP53-I195F-GLAPPQHILFR	5	0
>TP53-I195F-GLAPPQHILI	76	>TP53-I195F-GLAPPQHILF	15430	15354
>TP53-I195F-GLAPPQHILIR'	9	>TP53-I195F-GLAPPQHILFR	4	5
>TP53-I195F-GLAPPQHILI	5	>TP53-I195F-GLAPPQHILF	192	187
>TP53-I195F-GLAPPQHILIR'	2	>TP53-I195F-GLAPPQHILFR	2	0
>TP53-I195F-GLAPPQHILIR	1148	>TP53-I195F-GLAPPQHILFR	204	944
>TP53-I195F-GLAPPQHILIR	1986	>TP53-I195F-GLAPPQHILFR	342	1644
>TP53-I195F-GLAPPQHILI	2951	>TP53-I195F-GLAPPQHILF	75	2876
>TP53-I195F-GLAPPQHILIR	1723	>TP53-I195F-GLAPPQHILFR	240	1483

>TP53-I195F-GLAPPQHLIR	1936	>TP53-I195F-GLAPPQHLFR	348	1588
>TP53-I195F-GLAPPQHLI	7649	>TP53-I195F-GLAPPQHLLF	242	7407
>TP53-I195F-GLAPPQHLI	3811	>TP53-I195F-GLAPPQHLLF	270	3541
>TP53-I195F-GLAPPQHLIR	282	>TP53-I195F-GLAPPQHLLFR	53	229
>TP53-I195F-GLAPPQHLIR	1493	>TP53-I195F-GLAPPQHLLFR	487	1006
>TP53-I195F-DGLAPPQHLLI	968	>TP53-I195F-DGLAPPQHLLF	297	671
>TP53-I195L-IRVEGNLRVE'	53	>TP53-I195L-LRVEGNLRVE	77	24
>TP53-I195L-IRVEGNLRVE'	668	>TP53-I195L-LRVEGNLRVE	383	285
>TP53-I195L-LIRVEGNLRV	2070	>TP53-I195L-LLRVEGNLRV	251	1819
>TP53-I195L-LIRVEGNLRV	555	>TP53-I195L-LLRVEGNLRV	111	444
>TP53-I195L-LIRVEGNLRV	1834	>TP53-I195L-LLRVEGNLRV	98	1736
>TP53-I195L-LIRVEGNLRV	9171	>TP53-I195L-LLRVEGNLRV	445	8726
>TP53-I195L-LIRVEGNLRV	5793	>TP53-I195L-LLRVEGNLRV	303	5490
>TP53-I195L-LIRVEGNL	4603	>TP53-I195L-LLRVEGNL	68	4535
>TP53-I195L-LIRVEGNLRV	35	>TP53-I195L-LLRVEGNLRV	4	31
>TP53-I195L-LIRVEGNLRV	296	>TP53-I195L-LLRVEGNLRV	833	537
>TP53-I195L-SDGLAPPQHI	104	>TP53-I195L-SDGLAPPQHI	1157	1053
>TP53-I195L-HLIRVEGNLR'	156	>TP53-I195L-HLLRVEGNLR	127	29
>TP53-I195L-HLIRVEGNL	226	>TP53-I195L-HLLRVEGNL	675	449
>TP53-I195L-HLIRVEGNLR'	111	>TP53-I195L-HLLRVEGNLR	319	208
>TP53-I195L-HLIRVEGNLR'	41	>TP53-I195L-HLLRVEGNLR	300	259
>TP53-I195L-HLIRVEGNLR'	322	>TP53-I195L-HLLRVEGNLR	306	16
>TP53-I195L-HLIRVEGNL	327	>TP53-I195L-HLLRVEGNL	68	259
>TP53-I195L-HLIRVEGNLR'	9	>TP53-I195L-HLLRVEGNLR	4	5
>TP53-I195L-HLIRVEGNL	806	>TP53-I195L-HLLRVEGNL	399	407
>TP53-I195L-HLIRVEGNLR'	27	>TP53-I195L-HLLRVEGNLR	18	9
>TP53-I195L-HLIRVEGNL	878	>TP53-I195L-HLLRVEGNL	81	797
>TP53-I195L-HLIRVEGNLR'	27	>TP53-I195L-HLLRVEGNLR	9	18
>TP53-I195L-HLIRVEGNLR'	701	>TP53-I195L-HLLRVEGNLR	34	667
>TP53-I195L-HLIRVEGNL	153	>TP53-I195L-HLLRVEGNL	93	60
>TP53-I195L-HLIRVEGNLR'	4	>TP53-I195L-HLLRVEGNLR	3	1
>TP53-I195L-HLIRVEGNLR	241	>TP53-I195L-HLLRVEGNLR	209	32
>TP53-I195L-HLIRVEGNLR	381	>TP53-I195L-HLLRVEGNLR	367	14
>TP53-I195L-HLIRVEGNLR	24	>TP53-I195L-HLLRVEGNLR	162	138
>TP53-I195L-HLIRVEGNLR'	398	>TP53-I195L-HLLRVEGNLR	3658	3260
>TP53-I195L-HLIRVEGNLR'	1132	>TP53-I195L-HLLRVEGNLR	402	730
>TP53-I195L-HLIRVEGNLR	478	>TP53-I195L-HLLRVEGNLR	250	228
>TP53-I195L-APPQHLLIRV	759	>TP53-I195L-APPQHLLRV	363	396
>TP53-I195L-LAPPQHLLIRV	395	>TP53-I195L-LAPPQHLLRV	347	48
>TP53-I195L-LAPPQHLLIRV	52	>TP53-I195L-LAPPQHLLRV	51	1
>TP53-I195L-LAPPQHLLIR	1307	>TP53-I195L-LAPPQHLLR	405	902
>TP53-I195L-LAPPQHLLIR	1385	>TP53-I195L-LAPPQHLLR	403	982
>TP53-I195L-LAPPQHLLI	5	>TP53-I195L-LAPPQHLL	3	2

>TP53-I195L- LAPPQHLLR	959	>TP53-I195L- LAPPQHLLR	340	619
>TP53-I195L- LAPPQHLLRV	28	>TP53-I195L- LAPPQHLLRV	29	1
>TP53-I195L- LAPPQHLLR	504	>TP53-I195L- LAPPQHLLR	301	203
>TP53-I195L- LAPPQHLLI	70	>TP53-I195L- LAPPQHLLI	1085	1015
>TP53-I195L- GLAPPQHLLI	65	>TP53-I195L- GLAPPQHLLI	51	14
>TP53-I195L- GLAPPQHLLR'	20	>TP53-I195L- GLAPPQHLLR	21	1
>TP53-I195L- GLAPPQHLLI	15	>TP53-I195L- GLAPPQHLLI	7	8
>TP53-I195L- GLAPPQHLLR'	9	>TP53-I195L- GLAPPQHLLR	10	1
>TP53-I195L- GLAPPQHLLI	31	>TP53-I195L- GLAPPQHLLI	56	25
>TP53-I195L- GLAPPQHLLR'	7	>TP53-I195L- GLAPPQHLLR	6	1
>TP53-I195L- GLAPPQHLLI	500	>TP53-I195L- GLAPPQHLLI	476	24
>TP53-I195L- GLAPPQHLLR'	44	>TP53-I195L- GLAPPQHLLR	46	2
>TP53-I195L- GLAPPQHLLI	13	>TP53-I195L- GLAPPQHLLI	14	1
>TP53-I195L- GLAPPQHLLR'	3	>TP53-I195L- GLAPPQHLLR	3	0
>TP53-I195L- GLAPPQHLLI	22	>TP53-I195L- GLAPPQHLLI	20	2
>TP53-I195L- GLAPPQHLLR'	7	>TP53-I195L- GLAPPQHLLR	10	3
>TP53-I195L- GLAPPQHLLI	13	>TP53-I195L- GLAPPQHLLI	11	2
>TP53-I195L- GLAPPQHLLR'	5	>TP53-I195L- GLAPPQHLLR	6	1
>TP53-I195L- GLAPPQHLLI	76	>TP53-I195L- GLAPPQHLLI	41	35
>TP53-I195L- GLAPPQHLLR'	9	>TP53-I195L- GLAPPQHLLR	12	3
>TP53-I195L- GLAPPQHLLI	5	>TP53-I195L- GLAPPQHLLI	3	2
>TP53-I195L- GLAPPQHLLR'	2	>TP53-I195L- GLAPPQHLLR	2	0
>TP53-I195L- GLAPPQHLLR	1148	>TP53-I195L- GLAPPQHLLR	459	689
>TP53-I195L- GLAPPQHLLR	282	>TP53-I195L- GLAPPQHLLR	74	208
>TP53-I195N IRVEGNLNRVE'	53	>TP53-I195N NRVEGNLNRVI	476	423
>TP53-I195N IRVEGNLNRV	4404	>TP53-I195N NRVEGNLNRV	425	3979
>TP53-I195N LIRVEGNLNRV	35	>TP53-I195N LNRVEGNLNRV	19547	19512
>TP53-I195N LIRVEGNLNRV	296	>TP53-I195N LNRVEGNLNRV	3436	3140
>TP53-I195N SDGLAPPQHI	104	>TP53-I195N SDGLAPPQHI	22361	22257
>TP53-I195N HLIRVEGNLNR'	156	>TP53-I195N HLNRVEGNLNF	564	408
>TP53-I195N HLIRVEGNL	226	>TP53-I195N HLNRVEGNL	148	78
>TP53-I195N HLIRVEGNLNR'	111	>TP53-I195N HLNRVEGNLNF	116	5
>TP53-I195N HLIRVEGNLNR'	41	>TP53-I195N HLNRVEGNLNF	36	5
>TP53-I195N HLIRVEGNLNR'	322	>TP53-I195N HLNRVEGNLNF	1890	1568
>TP53-I195N HLIRVEGNL	327	>TP53-I195N HLNRVEGNL	325	2
>TP53-I195N HLIRVEGNLNR'	9	>TP53-I195N HLNRVEGNLNF	8	1
>TP53-I195N HLIRVEGNLNR'	27	>TP53-I195N HLNRVEGNLNF	75	48
>TP53-I195N HLIRVEGNLNR'	27	>TP53-I195N HLNRVEGNLNF	22	5
>TP53-I195N HLIRVEGNLNR'	701	>TP53-I195N HLNRVEGNLNF	204	497
>TP53-I195N HLIRVEGNL	153	>TP53-I195N HLNRVEGNL	189	36
>TP53-I195N HLIRVEGNLNR'	4	>TP53-I195N HLNRVEGNLNF	4	0
>TP53-I195N HLIRVEGNLNR	241	>TP53-I195N HLNRVEGNLNF	296	55
>TP53-I195N HLIRVEGNLNR	381	>TP53-I195N HLNRVEGNLNF	550	169

>TP53-I195N HLIRVEGNLR	24	>TP53-I195N HLN RVEGNLF	210	186
>TP53-I195N HLIRVEGNLR'	398	>TP53-I195N HLN RVEGNLF	1133	735
>TP53-I195N HLIRVEGNLR	478	>TP53-I195N HLN RVEGNLF	1139	661
>TP53-I195N APPQHLIRV	759	>TP53-I195N APPQHLNRV	484	275
>TP53-I195N LAPPQHLIRV	395	>TP53-I195N LAPPQHLNR\	1099	704
>TP53-I195N LAPPQHLIRV	52	>TP53-I195N LAPPQHLNR\	79	27
>TP53-I195N LAPPQHLIR	1307	>TP53-I195N LAPPQHLNR	460	847
>TP53-I195N LAPPQHLI	5	>TP53-I195N LAPPQHNLN	2792	2787
>TP53-I195N LAPPQHLIRV	28	>TP53-I195N LAPPQHLNR\	27	1
>TP53-I195N LAPPQHLIR	504	>TP53-I195N LAPPQHLNR	323	181
>TP53-I195N LAPPQHLI	70	>TP53-I195N LAPPQHNLN	37058	36988
>TP53-I195N GLAPPQHLI	65	>TP53-I195N GLAPPQHNLN	21592	21527
>TP53-I195N GLAPPQHLIR'	20	>TP53-I195N GLAPPQHNLNf	35	15
>TP53-I195N GLAPPQHLI	15	>TP53-I195N GLAPPQHNLN	3094	3079
>TP53-I195N GLAPPQHLIR'	9	>TP53-I195N GLAPPQHNLNf	6	3
>TP53-I195N GLAPPQHLI	31	>TP53-I195N GLAPPQHNLN	15122	15091
>TP53-I195N GLAPPQHLIR'	7	>TP53-I195N GLAPPQHNLNf	6	1
>TP53-I195N GLAPPQHLIR'	44	>TP53-I195N GLAPPQHNLNf	64	20
>TP53-I195N GLAPPQHLI	13	>TP53-I195N GLAPPQHNLN	6095	6082
>TP53-I195N GLAPPQHLIR'	3	>TP53-I195N GLAPPQHNLNf	4	1
>TP53-I195N GLAPPQHLI	22	>TP53-I195N GLAPPQHNLN	17372	17350
>TP53-I195N GLAPPQHLIR'	7	>TP53-I195N GLAPPQHNLNf	8	1
>TP53-I195N GLAPPQHLI	13	>TP53-I195N GLAPPQHNLN	10505	10492
>TP53-I195N GLAPPQHLIR'	5	>TP53-I195N GLAPPQHNLNf	7	2
>TP53-I195N GLAPPQHLI	76	>TP53-I195N GLAPPQHNLN	22856	22780
>TP53-I195N GLAPPQHLIR'	9	>TP53-I195N GLAPPQHNLNf	15	6
>TP53-I195N GLAPPQHLI	5	>TP53-I195N GLAPPQHNLN	720	715
>TP53-I195N GLAPPQHLIR'	2	>TP53-I195N GLAPPQHNLNf	2	0
>TP53-I195N GLAPPQHLIR	282	>TP53-I195N GLAPPQHNLNf	147	135
>TP53-I195S-IRVEGNLRVE'	53	>TP53-I195S-SRVEGNLRVE	130	77
>TP53-I195S-LIRVEGNLRV	35	>TP53-I195S-LSRVEGNLRV	12971	12936
>TP53-I195S-LIRVEGNLR	1087	>TP53-I195S-LSRVEGNLR	425	662
>TP53-I195S-LIRVEGNLRV	296	>TP53-I195S-LSRVEGNLRV	124	172
>TP53-I195S-LIRVEGNLR	570	>TP53-I195S-LSRVEGNLR	307	263
>TP53-I195S-LIRVEGNL	6578	>TP53-I195S-LSRVEGNL	32	6546
>TP53-I195S-LIRVEGNLRV	9478	>TP53-I195S-LSRVEGNLRV	128	9350
>TP53-I195S-LIRVEGNLRV	6414	>TP53-I195S-LSRVEGNLRV	371	6043
>TP53-I195S-SDGLAPPQHI	104	>TP53-I195S-SDGLAPPQHI	16835	16731
>TP53-I195S-HLIRVEGNLR'	156	>TP53-I195S-HLSRVEGNLR	434	278
>TP53-I195S-HLIRVEGNL	226	>TP53-I195S-HLSRVEGNL	71	155
>TP53-I195S-HLIRVEGNLR'	111	>TP53-I195S-HLSRVEGNLR	60	51
>TP53-I195S-HLIRVEGNLR'	41	>TP53-I195S-HLSRVEGNLR	55	14
>TP53-I195S-HLIRVEGNLR'	322	>TP53-I195S-HLSRVEGNLR	1346	1024

>TP53-I195S-HLIRVEGNL	327	>TP53-I195S-HLSRVEGNL	780	453
>TP53-I195S-HLIRVEGNLR'	9	>TP53-I195S-HLSRVEGNLR	15	6
>TP53-I195S-HLIRVEGNLR'	27	>TP53-I195S-HLSRVEGNLR	105	78
>TP53-I195S-HLIRVEGNLR'	27	>TP53-I195S-HLSRVEGNLR	23	4
>TP53-I195S-HLIRVEGNLR'	701	>TP53-I195S-HLSRVEGNLR	193	508
>TP53-I195S-HLIRVEGNL	153	>TP53-I195S-HLSRVEGNL	142	11
>TP53-I195S-HLIRVEGNLR'	4	>TP53-I195S-HLSRVEGNLR	4	0
>TP53-I195S-HLIRVEGNLR	241	>TP53-I195S-HLSRVEGNLR	180	61
>TP53-I195S-HLIRVEGNLR	381	>TP53-I195S-HLSRVEGNLR	497	116
>TP53-I195S-HLIRVEGNLR	24	>TP53-I195S-HLSRVEGNLR	45	21
>TP53-I195S-HLIRVEGNLR'	398	>TP53-I195S-HLSRVEGNLR	809	411
>TP53-I195S-HLIRVEGNLR	478	>TP53-I195S-HLSRVEGNLR	778	300
>TP53-I195S-APPQHILRV	759	>TP53-I195S-APPQHLSRV	220	539
>TP53-I195S-LAPPQHILRV	395	>TP53-I195S-LAPPQHLSRV	801	406
>TP53-I195S-LAPPQHILRV	52	>TP53-I195S-LAPPQHLSRV	37	15
>TP53-I195S-LAPPQHILI	5	>TP53-I195S-LAPPQHLS	2640	2635
>TP53-I195S-LAPPQHILRV	28	>TP53-I195S-LAPPQHLSRV	44	16
>TP53-I195S-LAPPQHILI	70	>TP53-I195S-LAPPQHLS	30983	30913
>TP53-I195S-GLAPPQHILI	65	>TP53-I195S-GLAPPQHLS	9076	9011
>TP53-I195S-GLAPPQHILR'	20	>TP53-I195S-GLAPPQHLSR	34	14
>TP53-I195S-GLAPPQHILI	15	>TP53-I195S-GLAPPQHLS	509	494
>TP53-I195S-GLAPPQHILR'	9	>TP53-I195S-GLAPPQHLSR	7	2
>TP53-I195S-GLAPPQHILI	31	>TP53-I195S-GLAPPQHLS	3865	3834
>TP53-I195S-GLAPPQHILR'	7	>TP53-I195S-GLAPPQHLSR	5	2
>TP53-I195S-GLAPPQHILR'	44	>TP53-I195S-GLAPPQHLSR	71	27
>TP53-I195S-GLAPPQHILI	13	>TP53-I195S-GLAPPQHLS	1793	1780
>TP53-I195S-GLAPPQHILR'	3	>TP53-I195S-GLAPPQHLSR	3	0
>TP53-I195S-GLAPPQHILI	22	>TP53-I195S-GLAPPQHLS	8237	8215
>TP53-I195S-GLAPPQHILR'	7	>TP53-I195S-GLAPPQHLSR	8	1
>TP53-I195S-GLAPPQHILI	13	>TP53-I195S-GLAPPQHLS	3296	3283
>TP53-I195S-GLAPPQHILR'	5	>TP53-I195S-GLAPPQHLSR	7	2
>TP53-I195S-GLAPPQHILI	76	>TP53-I195S-GLAPPQHLS	17026	16950
>TP53-I195S-GLAPPQHILR'	9	>TP53-I195S-GLAPPQHLSR	9	0
>TP53-I195S-GLAPPQHILI	5	>TP53-I195S-GLAPPQHLS	87	82
>TP53-I195S-GLAPPQHILR'	2	>TP53-I195S-GLAPPQHLSR	2	0
>TP53-I195S-GLAPPQHILR	282	>TP53-I195S-GLAPPQHLSR	192	90
>TP53-I195T-IRVEGNLRVE'	53	>TP53-I195T-TRVEGNLRVE	347	294
>TP53-I195T-IRVEGNLRV	4404	>TP53-I195T-TRVEGNLRV	448	3956
>TP53-I195T-LIRVEGNLRV	35	>TP53-I195T-LTRVEGNLRV	1038	1003
>TP53-I195T-LIRVEGNL	1610	>TP53-I195T-LTRVEGNL	286	1324
>TP53-I195T-LIRVEGNLR	1087	>TP53-I195T-LTRVEGNLR	188	899
>TP53-I195T-LIRVEGNLRV	296	>TP53-I195T-LTRVEGNLRV	63	233
>TP53-I195T-LIRVEGNLR	570	>TP53-I195T-LTRVEGNLR	176	394

>TP53-I195T·LIRVEGNLR	1131	>TP53-I195T·LTRVEGNLR	415	716
>TP53-I195T·LIRVEGNLR	1411	>TP53-I195T·LTRVEGNLR	340	1071
>TP53-I195T·LIRVEGNL	6578	>TP53-I195T·LTRVEGNL	21	6557
>TP53-I195T·LIRVEGNLRV	9478	>TP53-I195T·LTRVEGNLRV	85	9393
>TP53-I195T·LIRVEGNLRV	6414	>TP53-I195T·LTRVEGNLRV	135	6279
>TP53-I195T·SDGLAPPQHI	104	>TP53-I195T·SDGLAPPQHI	7561	7457
>TP53-I195T·HLIRVEGNLR'	156	>TP53-I195T·HLTRVEGNLR	735	579
>TP53-I195T·HLIRVEGNL	226	>TP53-I195T·HLTRVEGNL	375	149
>TP53-I195T·HLIRVEGNLR'	111	>TP53-I195T·HLTRVEGNLR	257	146
>TP53-I195T·HLIRVEGNLR'	41	>TP53-I195T·HLTRVEGNLR	234	193
>TP53-I195T·HLIRVEGNLR'	322	>TP53-I195T·HLTRVEGNLR	1292	970
>TP53-I195T·HLIRVEGNL	327	>TP53-I195T·HLTRVEGNL	1168	841
>TP53-I195T·HLIRVEGNLR'	9	>TP53-I195T·HLTRVEGNLR	21	12
>TP53-I195T·HLIRVEGNLR'	27	>TP53-I195T·HLTRVEGNLR	136	109
>TP53-I195T·HLIRVEGNLR'	27	>TP53-I195T·HLTRVEGNLR	20	7
>TP53-I195T·HLIRVEGNL	153	>TP53-I195T·HLTRVEGNL	99	54
>TP53-I195T·HLIRVEGNLR'	4	>TP53-I195T·HLTRVEGNLR	3	1
>TP53-I195T·HLIRVEGNLR	241	>TP53-I195T·HLTRVEGNLR	522	281
>TP53-I195T·HLIRVEGNLR	381	>TP53-I195T·HLTRVEGNLR	644	263
>TP53-I195T·HLIRVEGNLR	24	>TP53-I195T·HLTRVEGNLR	84	60
>TP53-I195T·HLIRVEGNLR'	398	>TP53-I195T·HLTRVEGNLR	1158	760
>TP53-I195T·HLIRVEGNLR	478	>TP53-I195T·HLTRVEGNLR	816	338
>TP53-I195T·QHLIRVEGNL	709	>TP53-I195T·QHLTRVEGNI	478	231
>TP53-I195T·APPQHLIRV	759	>TP53-I195T·APPQHLTRV	311	448
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>TP53-I195T·LAPPQHLI	5	>TP53-I195T·LAPPQHLT	1078	1073
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>TP53-I195T·GLAPPQHLI	65	>TP53-I195T·GLAPPQHLT	1907	1842
>TP53-I195T·GLAPPQHLIR'	20	>TP53-I195T·GLAPPQHILTF	24	4
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>TP53-I195T·GLAPPQHLIR'	9	>TP53-I195T·GLAPPQHILTF	6	3
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>TP53-I195T·GLAPPQHLIR'	7	>TP53-I195T·GLAPPQHILTF	5	2
>TP53-I195T·GLAPPQHLIR'	44	>TP53-I195T·GLAPPQHILTF	47	3
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>TP53-I195T·GLAPPQHLIR'	3	>TP53-I195T·GLAPPQHILTF	4	1
>TP53-I195T·GLAPPQHLI	22	>TP53-I195T·GLAPPQHLT	2512	2490
>TP53-I195T·GLAPPQHLIR'	7	>TP53-I195T·GLAPPQHILTF	10	3
>TP53-I195T·GLAPPQHLI	13	>TP53-I195T·GLAPPQHLT	348	335
>TP53-I195T·GLAPPQHLIR'	5	>TP53-I195T·GLAPPQHILTF	6	1

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>TP53-I232F-PPEVGSDCTT	8073	>TP53-I232F-PPEVGSDCTT	286	7787
>TP53-I232F-PPEVGSDCTT	7153	>TP53-I232F-PPEVGSDCTT	358	6795
>TP53-I232F-TTIHYNMY	46	>TP53-I232F-TTFHYNMY	10	36
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>TP53-I232F-TTIHYNMY	46	>TP53-I232F-TTFHYNMY	242	196
>TP53-I232F-TTIHYNMY	5	>TP53-I232F-TTFHYNMY	217	212
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>TP53-I232F-TTIHYNMY	1012	>TP53-I232F-TTFHYNMY	269	743
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>TP53-I232F-TTIHYNMYMC	120	>TP53-I232F-TTFHYNMYMC	55	65
>TP53-I232F-TTIHYNMYMCI	102	>TP53-I232F-TTFHYNMYMCI	49	53
>TP53-I232F-TTIHYNMY	69	>TP53-I232F-TTFHYNMY	48	21
>TP53-I232F-TTIHYNMY	1287	>TP53-I232F-TTFHYNMY	261	1026
>TP53-I232F-TTIHYNMY	61	>TP53-I232F-TTFHYNMY	30	31
>TP53-I232F-TTIHYNMY	260	>TP53-I232F-TTFHYNMY	338	78
>TP53-I232F-CTTIHYNMY	116	>TP53-I232F-CTTFHYNMY	91	25
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>TP53-I232F-CTTIHYNMY	207	>TP53-I232F-CTTFHYNMY	54	153
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>TP53-I232F-CTTIHYNMY	130	>TP53-I232F-CTTFHYNMY	103	27
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>TP53-I232F-CTTIHYNMY	1337	>TP53-I232F-CTTFHYNMY	165	1172
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>TP53-I232F-CTTIHYNMYMC	184	>TP53-I232F-CTTFHYNMYMC	304	120
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>TP53-I232F-DCTTIHYNMY	521	>TP53-I232F-DCTTFHYNMY	301	220
>TP53-I232F-DCTTIHYNMY	585	>TP53-I232F-DCTTFHYNMY	421	164
>TP53-I232F-DCTTIHYNMY	287	>TP53-I232F-DCTTFHYNMY	359	72
>TP53-I232F-SDCTTIHY	1951	>TP53-I232F-SDCTTFHY	415	1536
>TP53-I232F-SDCTTIHYNMY	400	>TP53-I232F-SDCTTFHYNMY	242	158
>TP53-I232F-SDCTTIHY	1995	>TP53-I232F-SDCTTFHY	465	1530
>TP53-I232F-GSDCTTIHY	18	>TP53-I232F-GSDCTTFHY	15	3



>TP53-I232F-GSDCTTIHYN	34	>TP53-I232F-GSDCTTFHYN	30	4
>TP53-I232F-GSDCTTIHYN	1028	>TP53-I232F-GSDCTTFHYN	486	542
>TP53-I232F-GSDCTTIHY	659	>TP53-I232F-GSDCTTFHY	111	548
>TP53-I232F-GSDCTTIHYN	174	>TP53-I232F-GSDCTTFHYN	105	69
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>TP53-I232F-GSDCTTIHY	68	>TP53-I232F-GSDCTTFHY	32	36
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>TP53-I232F-VGSDCTTIHY	353	>TP53-I232F-VGSDCTTFHY	555	202
>TP53-I232F-VGSDCTTIHY	184	>TP53-I232F-VGSDCTTFHY	60	124
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>TP53-I232F-VGSDCTTIHY	377	>TP53-I232F-VGSDCTTFHY	343	34
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>TP53-I232F-EVGSDCCTIH'	387	>TP53-I232F-EVGSDCCTFH	113	274
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>TP53-I232F-EVGSDCCTI	14992	>TP53-I232F-EVGSDCCTF	466	14526
>TP53-I232F-PEVGSDCCTI	342	>TP53-I232F-PEVGSDCCTF	5235	4893
>TP53-I232L-TTIHYNYM	46	>TP53-I232L-TTLHYNYM	62	16
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>TP53-I232L-TTIHYNYM	17	>TP53-I232L-TTLHYNYM	168	151
>TP53-I232L-TTIHYNYMC	120	>TP53-I232L-TTLHYNYMC	1735	1615
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>TP53-I232L-TTIHYNYM	69	>TP53-I232L-TTLHYNYM	28	41
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>TP53-I232L-CTTIHYNMC	184	>TP53-I232L-CTTLHYNMC	229	45
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>TP53-I232L-DCTTIHYN	521	>TP53-I232L-DCTTLHYN	479	42
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>TP53-I232L-SDCTTIH	1951	>TP53-I232L-SDCTTLH	486	1465
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>TP53-I232L-SDCTTIH	1995	>TP53-I232L-SDCTTLH	202	1793
>TP53-I232L-GSDCTTIH	18	>TP53-I232L-GSDCTTLH	10	8
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>TP53-I232L-GSDCTTIH	659	>TP53-I232L-GSDCTTLH	88	571
>TP53-I232L-GSDCTTIHYN	174	>TP53-I232L-GSDCTTLHYN	98	76
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>TP53-I232L-GSDCTTIH	68	>TP53-I232L-GSDCTTLH	24	44
>TP53-I232L-GSDCTTIHYN	99	>TP53-I232L-GSDCTTLHYN	63	36
>TP53-I232L-GSDCTTIH	535	>TP53-I232L-GSDCTTLH	346	189
>TP53-I232L-GSDCTTIHYN	247	>TP53-I232L-GSDCTTLHYN	227	20
>TP53-I232L-GSDCTTIH	242	>TP53-I232L-GSDCTTLH	122	120
>TP53-I232L-GSDCTTIHYN	97	>TP53-I232L-GSDCTTLHYN	77	20
>TP53-I232L-VGSDCTTIH	353	>TP53-I232L-VGSDCTTLH	334	19
>TP53-I232L-VGSDCTTIH	184	>TP53-I232L-VGSDCTTLH	82	102
>TP53-I232L-VGSDCTTIH	1444	>TP53-I232L-VGSDCTTLH	117	1327
>TP53-I232L-VGSDCTTIH	377	>TP53-I232L-VGSDCTTLH	224	153
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>TP53-I232L-EVGSDCCTIH'	387	>TP53-I232L-EVGSDCCTLH	96	291
>TP53-I232L-EVGSDCCTIH'	326	>TP53-I232L-EVGSDCCTLH	75	251
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>TP53-I232N TTIHYNM	17	>TP53-I232N TTNHYNM	35	18
>TP53-I232N TTIHYNMC	120	>TP53-I232N TTNHYNMC	386	266
>TP53-I232N TTIHYNMCM	102	>TP53-I232N TTNHYNMC	317	215
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>TP53-I232N TTIHYNYM	61	>TP53-I232N TTNHYNYM	247	186
>TP53-I232N TTIHYNYM	260	>TP53-I232N TTNHYNYM	480	220
>TP53-I232N CTTIHYNYM	116	>TP53-I232N CTTNHYNYM	115	1
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>TP53-I232N CTTIHYNYM	754	>TP53-I232N CTTNHYNYM	95	659
>TP53-I232N CTTIHYNY	161	>TP53-I232N CTTNHYNY	46	115
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>TP53-I232N CTTIHYNY	355	>TP53-I232N CTTNHYNY	411	56
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>TP53-I232N DCTTIHYN	521	>TP53-I232N DCTTNHYN	168	353
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>TP53-I232N SDCTTIHYN	400	>TP53-I232N SDCTTNHYN	677	277
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>TP53-I232N GSDCTTIHYN	174	>TP53-I232N GSDCTTNHYN	245	71
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>TP53-I232N GSDCTTIHYN	99	>TP53-I232N GSDCTTNHYN	115	16
>TP53-I232N GSDCTTIH	535	>TP53-I232N GSDCTTNH	145	390
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>TP53-I232N GSDCTTIH	242	>TP53-I232N GSDCTTNH	249	7
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>TP53-I232N VGSDCTTIH	353	>TP53-I232N VGSDCTTNH	334	19
>TP53-I232N VGSDCTTIH	184	>TP53-I232N VGSDCTTNH	379	195
>TP53-I232N VGSDCTTIH	642	>TP53-I232N VGSDCTTNH	327	315
>TP53-I232N VGSDCTTIH	377	>TP53-I232N VGSDCTTNH	371	6
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>TP53-I232N EVGSDCTTIH	387	>TP53-I232N EVGSDCTTNH	514	127
>TP53-I232N EVGSDCTTIH	1152	>TP53-I232N EVGSDCTTNH	414	738
>TP53-I232N EVGSDCTTIH	612	>TP53-I232N EVGSDCTTNH	443	169
>TP53-I232N EVGSDCTTIH	326	>TP53-I232N EVGSDCTTNH	424	98
>TP53-I232N PEVGSDCTTI	342	>TP53-I232N PEVGSDCTTN	34524	34182
>TP53-I232S-TTIHYNYM	46	>TP53-I232S-TTSHYNYM	1169	1123

>TP53-I232S-TTIHYNM	46	>TP53-I232S-TTSHYNM	833	787
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>TP53-I232S-TTIHYNM	135	>TP53-I232S-TTSHYNM	2026	1891
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>TP53-I232S-TTIHYNMC	120	>TP53-I232S-TTSHYNMC	263	143
>TP53-I232S-TTIHYNMCI	102	>TP53-I232S-TTSHYNMCI	209	107
>TP53-I232S-TTIHYNM	69	>TP53-I232S-TTSHYNM	262	193
>TP53-I232S-TTIHYNM	61	>TP53-I232S-TTSHYNM	158	97
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>TP53-I232S-CTTIHYNM	116	>TP53-I232S-CTTSHYNM	134	18
>TP53-I232S-CTTIHYN	117	>TP53-I232S-CTTSHYN	85	32
>TP53-I232S-CTTIHYNM	754	>TP53-I232S-CTTSHYNM	316	438
>TP53-I232S-CTTIHYN	161	>TP53-I232S-CTTSHYN	23	138
>TP53-I232S-CTTIHYNM	207	>TP53-I232S-CTTSHYNM	22	185
>TP53-I232S-CTTIHYN	35	>TP53-I232S-CTTSHYN	27	8
>TP53-I232S-CTTIHYN	130	>TP53-I232S-CTTSHYN	76	54
>TP53-I232S-CTTIHYN	767	>TP53-I232S-CTTSHYN	483	284
>TP53-I232S-CTTIHYN	355	>TP53-I232S-CTTSHYN	349	6
>TP53-I232S-CTTIHYN	50	>TP53-I232S-CTTSHYN	70	20
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>TP53-I232S-CTTIHYNMC	184	>TP53-I232S-CTTSHYNM	114	70
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>TP53-I232S-DCTTIHYNM	585	>TP53-I232S-DCTTSHYNM	324	261
>TP53-I232S-DCTTIHYN	287	>TP53-I232S-DCTTSHYN	1056	769
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>TP53-I232S-GSDCTTIH	18	>TP53-I232S-GSDCTTSHY	28	10
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>TP53-I232S-GSDCTTIHYN	582	>TP53-I232S-GSDCTTSHYN	482	100
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>TP53-I232S-VGSDCTTIH	353	>TP53-I232S-VGSDCTTSHY	206	147
>TP53-I232S-VGSDCTTIH	184	>TP53-I232S-VGSDCTTSHY	221	37
>TP53-I232S-VGSDCTTIH	642	>TP53-I232S-VGSDCTTSHY	150	492
>TP53-I232S-VGSDCTTIH	377	>TP53-I232S-VGSDCTTSHY	155	222
>TP53-I232S-VGSDCTTIH	449	>TP53-I232S-VGSDCTTSHY	784	335

>TP53-I232S-EVGSDCCTI'H'	11	>TP53-I232S-EVGSDCCTTSH	8	3
>TP53-I232S-EVGSDCCTI'H'	75	>TP53-I232S-EVGSDCCTTSH	86	11
>TP53-I232S-EVGSDCCTI'H'	387	>TP53-I232S-EVGSDCCTTSH	451	64
>TP53-I232S-EVGSDCCTI'H'	1152	>TP53-I232S-EVGSDCCTTSH	385	767
>TP53-I232S-EVGSDCCTI'H'	612	>TP53-I232S-EVGSDCCTTSH	363	249
>TP53-I232S-EVGSDCCTI'H'	326	>TP53-I232S-EVGSDCCTTSH	378	52
>TP53-I232S-EVGSDCCTI'H'	819	>TP53-I232S-EVGSDCCTTSH	382	437
>TP53-I232S-PEVGSDCCTI'	342	>TP53-I232S-PEVGSDCCTTS	30143	29801
>TP53-I232T-TIHYNMCMC'	2304	>TP53-I232T-TTHYNMCMC	297	2007
>TP53-I232T-TTIHYNM	46	>TP53-I232T-TTTHYNM	735	689
>TP53-I232T-TTIHYNM	46	>TP53-I232T-TTTHYNM	559	513
>TP53-I232T-TTIHYNM	5	>TP53-I232T-TTTHYNM	54	49
>TP53-I232T-TTIHYNM	135	>TP53-I232T-TTTHYNM	1155	1020
>TP53-I232T-TTIHYNM	17	>TP53-I232T-TTTHYNM	35	18
>TP53-I232T-TTIHYNMCMC	120	>TP53-I232T-TTTHYNMCMC	384	264
>TP53-I232T-TTIHYNMCMC'	102	>TP53-I232T-TTTHYNMCMC'	301	199
>TP53-I232T-TTIHYNM	69	>TP53-I232T-TTTHYNM	309	240
>TP53-I232T-TTIHYNM	61	>TP53-I232T-TTTHYNM	205	144
>TP53-I232T-TTIHYNMCMC	1474	>TP53-I232T-TTTHYNMCMC	225	1249
>TP53-I232T-TTIHYNM	260	>TP53-I232T-TTTHYNM	64	196
>TP53-I232T-CTTIHYNM	116	>TP53-I232T-CTTTHYNM	136	20
>TP53-I232T-CTTIHYNM	117	>TP53-I232T-CTTTHYNM	82	35
>TP53-I232T-CTTIHYNM	754	>TP53-I232T-CTTTHYNM	303	451
>TP53-I232T-CTTIHYNM	161	>TP53-I232T-CTTTHYNM	25	136
>TP53-I232T-CTTIHYNM	207	>TP53-I232T-CTTTHYNM	21	186
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>TP53-I232T-CTTIHYNM	1337	>TP53-I232T-CTTTHYNM	472	865
>TP53-I232T-CTTIHYNM	355	>TP53-I232T-CTTTHYNM	388	33
>TP53-I232T-CTTIHYNM	50	>TP53-I232T-CTTTHYNM	102	52
>TP53-I232T-CTTIHYNM	11	>TP53-I232T-CTTTHYNM	12	1
>TP53-I232T-CTTIHYNMCMC	184	>TP53-I232T-CTTTHYNMCMC	188	4
>TP53-I232T-CTTIHYNM	68	>TP53-I232T-CTTTHYNM	57	11
>TP53-I232T-CTTIHYNM	405	>TP53-I232T-CTTTHYNM	639	234
>TP53-I232T-DCTTIHYNM	521	>TP53-I232T-DCTTTHYNM	389	132
>TP53-I232T-DCTTIHYNM	585	>TP53-I232T-DCTTTHYNM	408	177
>TP53-I232T-DCTTIHYNM	287	>TP53-I232T-DCTTTHYNM	651	364
>TP53-I232T-DCTTIHYNM	787	>TP53-I232T-DCTTTHYNM	463	324
>TP53-I232T-SDCTTIHYNM	400	>TP53-I232T-SDCTTTHYNM	602	202
>TP53-I232T-GSDCTTIHY	18	>TP53-I232T-GSDCTTTHY	30	12
>TP53-I232T-GSDCTTIHYN	34	>TP53-I232T-GSDCTTTHYN	48	14
>TP53-I232T-GSDCTTIHYN	174	>TP53-I232T-GSDCTTTHYN	253	79
>TP53-I232T-GSDCTTIHY	68	>TP53-I232T-GSDCTTTHY	46	22

>TP53-I232T·GSDCTTIHYN	99	>TP53-I232T·GSDCTTTHYN	47	52
>TP53-I232T·GSDCTTIHY	535	>TP53-I232T·GSDCTTTHY	63	472
>TP53-I232T·GSDCTTIHYN	247	>TP53-I232T·GSDCTTTHYN	132	115
>TP53-I232T·GSDCTTIHY	242	>TP53-I232T·GSDCTTTHY	357	115
>TP53-I232T·GSDCTTIHYN	97	>TP53-I232T·GSDCTTTHYN	103	6
>TP53-I232T·VGSDCTTIHY	353	>TP53-I232T·VGSDCTTTHY	305	48
>TP53-I232T·VGSDCTTIHY	184	>TP53-I232T·VGSDCTTTHY	156	28
>TP53-I232T·VGSDCTTIHY	642	>TP53-I232T·VGSDCTTTHY	372	270
>TP53-I232T·VGSDCTTIHY	377	>TP53-I232T·VGSDCTTTHY	196	181
>TP53-I232T·VGSDCTTIHY	449	>TP53-I232T·VGSDCTTTHY	995	546
>TP53-I232T·EVGSDCTTIH'	11	>TP53-I232T·EVGSDCTTTH	13	2
>TP53-I232T·EVGSDCTTIH'	75	>TP53-I232T·EVGSDCTTTH	160	85
>TP53-I232T·EVGSDCTTIH'	387	>TP53-I232T·EVGSDCTTTH	558	171
>TP53-I232T·EVGSDCTTIH'	326	>TP53-I232T·EVGSDCTTTH	473	147
>TP53-I232T·EVGSDCTTIH'	819	>TP53-I232T·EVGSDCTTTH	481	338
>TP53-I232T·PEVGSDCTTI	342	>TP53-I232T·PEVGSDCTTT	17488	17146
>TP53-I232V·TTIHYNYM	46	>TP53-I232V·TTVHYNYM	160	114
>TP53-I232V·TTIHYNYM	46	>TP53-I232V·TTVHYNYM	83	37
>TP53-I232V·TTIHYNYM	5	>TP53-I232V·TTVHYNYM	9	4
>TP53-I232V·TTIHYNYM	135	>TP53-I232V·TTVHYNYM	302	167
>TP53-I232V·TTIHYNYM	17	>TP53-I232V·TTVHYNYM	27	10
>TP53-I232V·TTIHYNYMC	120	>TP53-I232V·TTVHYNYMC	241	121
>TP53-I232V·TTIHYNYMCN	102	>TP53-I232V·TTVHYNYMC	196	94
>TP53-I232V·TTIHYNYM	69	>TP53-I232V·TTVHYNYM	93	24
>TP53-I232V·TTIHYNYM	61	>TP53-I232V·TTVHYNYM	52	9
>TP53-I232V·TTIHYNYM	260	>TP53-I232V·TTVHYNYM	174	86
>TP53-I232V·CTTIHYNYM	116	>TP53-I232V·CTTVHYNYM	72	44
>TP53-I232V·CTTIHYN	117	>TP53-I232V·CTTVHYN	101	16
>TP53-I232V·CTTIHYN	161	>TP53-I232V·CTTVHYN	97	64
>TP53-I232V·CTTIHYNYM	207	>TP53-I232V·CTTVHYNYM	105	102
>TP53-I232V·CTTIHYN	35	>TP53-I232V·CTTVHYN	45	10
>TP53-I232V·CTTIHYN	130	>TP53-I232V·CTTVHYN	161	31
>TP53-I232V·CTTIHYN	355	>TP53-I232V·CTTVHYN	413	58
>TP53-I232V·CTTIHYN	50	>TP53-I232V·CTTVHYN	95	45
>TP53-I232V·CTTIHYNYM	11	>TP53-I232V·CTTVHYNYM	20	9
>TP53-I232V·CTTIHYNYMC	184	>TP53-I232V·CTTVHYNYM	284	100
>TP53-I232V·CTTIHYN	68	>TP53-I232V·CTTVHYN	60	8
>TP53-I232V·CTTIHYNYM	405	>TP53-I232V·CTTVHYNYM	459	54
>TP53-I232V·DCTTIHYN	287	>TP53-I232V·DCTTVHYN	722	435
>TP53-I232V·DCTTIHYN	787	>TP53-I232V·DCTTVHYN	450	337
>TP53-I232V·SDCTTIHYN	400	>TP53-I232V·SDCTTVHYN	750	350
>TP53-I232V·GSDCTTIHY	18	>TP53-I232V·GSDCTTVHY	26	8
>TP53-I232V·GSDCTTIHYN	34	>TP53-I232V·GSDCTTVHYN	42	8

>TP53-I232V·GSDCTTIHYN	174	>TP53-I232V·GSDCTTVHYN	235	61
>TP53-I232V·GSDCTTIHY	68	>TP53-I232V·GSDCTTVHY	57	11
>TP53-I232V·GSDCTTIHYN	99	>TP53-I232V·GSDCTTVHYN	106	7
>TP53-I232V·GSDCTTIHYN	247	>TP53-I232V·GSDCTTVHYN	275	28
>TP53-I232V·GSDCTTIHY	242	>TP53-I232V·GSDCTTVHY	642	400
>TP53-I232V·GSDCTTIHYN	97	>TP53-I232V·GSDCTTVHYN	121	24
>TP53-I232V·VGS DCTTIHY	353	>TP53-I232V·VGS DCTTVHY	296	57
>TP53-I232V·VGS DCTTI	16736	>TP53-I232V·VGS DCTTV	410	16326
>TP53-I232V·VGS DCTTIHY	184	>TP53-I232V·VGS DCTTVHY	137	47
>TP53-I232V·VGS DCTTIHY	377	>TP53-I232V·VGS DCTTVHY	204	173
>TP53-I232V·VGS DCTTIHY	449	>TP53-I232V·VGS DCTTVHY	744	295
>TP53-I232V·EVGS DCTTI	13155	>TP53-I232V·EVGS DCTTV	337	12818
>TP53-I232V·EVGS DCTTIH'	11	>TP53-I232V·EVGS DCTTVH'	12	1
>TP53-I232V·EVGS DCTTIH'	75	>TP53-I232V·EVGS DCTTVH'	129	54
>TP53-I232V·EVGS DCTTIH'	387	>TP53-I232V·EVGS DCTTVH'	447	60
>TP53-I232V·EVGS DCTTIH'	612	>TP53-I232V·EVGS DCTTVH'	467	145
>TP53-I232V·EVGS DCTTI	1082	>TP53-I232V·EVGS DCTTV	173	909
>TP53-I232V·EVGS DCTTI	504	>TP53-I232V·EVGS DCTTV	80	424
>TP53-I232V·EVGS DCTTIH'	326	>TP53-I232V·EVGS DCTTVH'	525	199
>TP53-I232V·PEVGS DCTTI	342	>TP53-I232V·PEVGS DCTTV	2878	2536
>TP53-I251F·ILTIITLE	2676	>TP53-I251F·FLTIITLE	192	2484
>TP53-I251F·ILTIITLED	4430	>TP53-I251F·FLTIITLED	359	4071
>TP53-I251F·ILTIITLEDSS	1325	>TP53-I251F·FLTIITLEDSS	83	1242
>TP53-I251F·ILTIITLEDS	3891	>TP53-I251F·FLTIITLEDS	256	3635
>TP53-I251F·ILTIITLEDSS	4003	>TP53-I251F·FLTIITLEDSS	330	3673
>TP53-I251F·PILTIITL	19215	>TP53-I251F·PFLTIITL	457	18758
>TP53-I251F·SCMGGMNR	2939	>TP53-I251F·SCMGGMNR	248	2691
>TP53-I251F·RPILTIITL	104	>TP53-I251F·RPFLTIITL	28	76
>TP53-I251F·RPILTIITL	34	>TP53-I251F·RPFLTIITL	69	35
>TP53-I251F·RPILTIITL	391	>TP53-I251F·RPFLTIITL	418	27
>TP53-I251F·RPILTIITL	66	>TP53-I251F·RPFLTIITL	56	10
>TP53-I251F·RPILTIITL	89	>TP53-I251F·RPFLTIITL	115	26
>TP53-I251F·RRPILTII	220	>TP53-I251F·RRPFLTII	314	94
>TP53-I251F·RRPILTII TL	14	>TP53-I251F·RRPFLTII TL	16	2
>TP53-I251F·RRPILTII TL	492	>TP53-I251F·RRPFLTII TL	1195	703
>TP53-I251F·RRPILTII	33	>TP53-I251F·RRPFLTII	43	10
>TP53-I251F·RRPILTII T	86	>TP53-I251F·RRPFLTII T	74	12
>TP53-I251F·RRPILTII TL	16	>TP53-I251F·RRPFLTII TL	33	17
>TP53-I251F·RRPILTII TLE	129	>TP53-I251F·RRPFLTII TLE	106	23
>TP53-I251F·RRPILTII	319	>TP53-I251F·RRPFLTII	755	436
>TP53-I251F·RRPILTII T	329	>TP53-I251F·RRPFLTII T	169	160
>TP53-I251F·RRPILTII TL	14	>TP53-I251F·RRPFLTII TL	22	8
>TP53-I251F·RRPILTII TLE	467	>TP53-I251F·RRPFLTII TLE	259	208

>TP53-I251F-NRRPILTIITL	710	>TP53-I251F-NRRPFLTIITL	424	286
>TP53-I251F-NRRPILTI	674	>TP53-I251F-NRRPFLTI	428	246
>TP53-I251F-NRRPILTII	281	>TP53-I251F-NRRPFLTII	165	116
>TP53-I251F-NRRPILTIITL	50	>TP53-I251F-NRRPFLTIITL	40	10
>TP53-I251F-NRRPILTII	224	>TP53-I251F-NRRPFLTII	182	42
>TP53-I251F-NRRPILTIITL	12	>TP53-I251F-NRRPFLTIITL	11	1
>TP53-I251F-MNRRPILTI	35	>TP53-I251F-MNRRPFLTI	26	9
>TP53-I251F-MNRRPILTII	200	>TP53-I251F-MNRRPFLTII	126	74
>TP53-I251F-MNRRPILTI	2118	>TP53-I251F-MNRRPFLTI	227	1891
>TP53-I251F-MNRRPILTI	457	>TP53-I251F-MNRRPFLTI	182	275
>TP53-I251F-MNRRPILTII	821	>TP53-I251F-MNRRPFLTII	319	502
>TP53-I251F-MNRRPILTI	1235	>TP53-I251F-MNRRPFLTI	484	751
>TP53-I251F-MNRRPILTI	399	>TP53-I251F-MNRRPFLTI	286	113
>TP53-I251F-GMNRRPIL	2183	>TP53-I251F-GMNRRPFL	250	1933
>TP53-I251F-GMNRRPILTI	755	>TP53-I251F-GMNRRPFLTI	358	397
>TP53-I251F-GMNRRPIL	678	>TP53-I251F-GMNRRPFL	59	619
>TP53-I251F-GMNRRPILTI	185	>TP53-I251F-GMNRRPFLTI	196	11
>TP53-I251F-GMNRRPILTI	168	>TP53-I251F-GMNRRPFLTI	96	72
>TP53-I251F-GMNRRPIL	213	>TP53-I251F-GMNRRPFL	71	142
>TP53-I251F-GMNRRPILT	728	>TP53-I251F-GMNRRPFLT	395	333
>TP53-I251F-GMNRRPILTI	61	>TP53-I251F-GMNRRPFLTI	72	11
>TP53-I251F-GMNRRPILTI	13	>TP53-I251F-GMNRRPFLTI	11	2
>TP53-I251F-GMNRRPIL	229	>TP53-I251F-GMNRRPFL	28	201
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>TP53-I251F-GMNRRPILTI	10	>TP53-I251F-GMNRRPFLTI	13	3
>TP53-I251F-GMNRRPILTI	93	>TP53-I251F-GMNRRPFLTI	55	38
>TP53-I251F-GMNRRPIL	182	>TP53-I251F-GMNRRPFL	54	128
>TP53-I251F-GMNRRPILTI	21	>TP53-I251F-GMNRRPFLTI	18	3
>TP53-I251F-GMNRRPILTI	53	>TP53-I251F-GMNRRPFLTI	32	21
>TP53-I251F-GMNRRPIL	160	>TP53-I251F-GMNRRPFL	21	139
>TP53-I251F-GMNRRPILTI	66	>TP53-I251F-GMNRRPFLTI	64	2
>TP53-I251F-GMNRRPILTI	192	>TP53-I251F-GMNRRPFLTI	126	66
>TP53-I251F-GMNRRPIL	32	>TP53-I251F-GMNRRPFL	17	15
>TP53-I251F-GMNRRPILT	744	>TP53-I251F-GMNRRPFLT	347	397
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>TP53-I251F-GMNRRPILTI	102	>TP53-I251F-GMNRRPFLTI	69	33
>TP53-I251F-GMNRRPILTI	147	>TP53-I251F-GMNRRPFLTI	141	6
>TP53-I251F-GGMNRRPIL	444	>TP53-I251F-GGMNRRPFL	919	475
>TP53-I251F-GGMNRRPIL	538	>TP53-I251F-GGMNRRPFL	460	78
>TP53-I251F-CMGGMNRR	2664	>TP53-I251F-CMGGMNRR	494	2170
>TP53-I251F-CMGGMNRR	2150	>TP53-I251F-CMGGMNRR	335	1815
>TP53-I251F-CMGGMNRR	2155	>TP53-I251F-CMGGMNRR	351	1804
>TP53-I251F-CMGGMNRR	88	>TP53-I251F-CMGGMNRR	41	47



>TP53-I251F-CMGGMNRR	6386	>TP53-I251F-CMGGMNRR	194	6192
>TP53-I251F-CMGGMNRR	7621	>TP53-I251F-CMGGMNRR	303	7318
>TP53-I251L-PILTIITL	508	>TP53-I251L-PLLTIITL	20	488
>TP53-I251L-PILTIITL	5502	>TP53-I251L-PLLTIITL	239	5263
>TP53-I251L-PILTIITL	1435	>TP53-I251L-PLLTIITL	41	1394
>TP53-I251L-PILTIITL	1459	>TP53-I251L-PLLTIITL	22	1437
>TP53-I251L-PILTIITL	906	>TP53-I251L-PLLTIITL	18	888
>TP53-I251L-RPILTIITL	104	>TP53-I251L-RPLLLTIITL	202	98
>TP53-I251L-RPILTIITL	34	>TP53-I251L-RPLLLTIITL	54	20
>TP53-I251L-RPILTIITL	391	>TP53-I251L-RPLLLTIITL	964	573
>TP53-I251L-RPILTIITL	66	>TP53-I251L-RPLLLTIITL	105	39
>TP53-I251L-RPILTIITL	89	>TP53-I251L-RPLLLTIITL	577	488
>TP53-I251L-RRPILTII	220	>TP53-I251L-RRPLLTII	182	38
>TP53-I251L-RRPILTIITL	14	>TP53-I251L-RRPLLTIIITL	13	1
>TP53-I251L-RRPILTIITL	492	>TP53-I251L-RRPLLTIIITL	814	322
>TP53-I251L-RRPILTII	33	>TP53-I251L-RRPLLTII	45	12
>TP53-I251L-RRPILTIIT	86	>TP53-I251L-RRPLLTIIIT	105	19
>TP53-I251L-RRPILTIITL	16	>TP53-I251L-RRPLLTIIITL	17	1
>TP53-I251L-RRPILTIITL	129	>TP53-I251L-RRPLLTIIITL	152	23
>TP53-I251L-RRPILTIITL	319	>TP53-I251L-RRPLLTIIITL	340	21
>TP53-I251L-RRPILTIITL	329	>TP53-I251L-RRPLLTIIITL	287	42
>TP53-I251L-RRPILTIITL	14	>TP53-I251L-RRPLLTIIITL	15	1
>TP53-I251L-RRPILTIITL	467	>TP53-I251L-RRPLLTIIITL	408	59
>TP53-I251L-NRRPILTII	281	>TP53-I251L-NRRPLLTII	214	67
>TP53-I251L-NRRPILTIITL	50	>TP53-I251L-NRRPLLTIIITL	45	5
>TP53-I251L-NRRPILTI	1150	>TP53-I251L-NRRPLLTIIITL	428	722
>TP53-I251L-NRRPILTIITL	224	>TP53-I251L-NRRPLLTIIITL	134	90
>TP53-I251L-NRRPILTIITL	876	>TP53-I251L-NRRPLLTIIITL	493	383
>TP53-I251L-NRRPILTIITL	12	>TP53-I251L-NRRPLLTIIITL	11	1
>TP53-I251L-MNRRPILTI	35	>TP53-I251L-MNRRPLLTII	33	2
>TP53-I251L-MNRRPILTIITL	200	>TP53-I251L-MNRRPLLTIIITL	207	7
>TP53-I251L-MNRRPILTIITL	457	>TP53-I251L-MNRRPLLTIIITL	889	432
>TP53-I251L-MNRRPILTIITL	399	>TP53-I251L-MNRRPLLTIIITL	417	18
>TP53-I251L-GMNRRPIL	678	>TP53-I251L-GMNRRPLLTII	186	492
>TP53-I251L-GMNRRPILTI	185	>TP53-I251L-GMNRRPLLTIIITL	142	43
>TP53-I251L-GMNRRPILTIITL	168	>TP53-I251L-GMNRRPLLTIIITL	251	83
>TP53-I251L-GMNRRPILTIITL	213	>TP53-I251L-GMNRRPLLTIIITL	100	113
>TP53-I251L-GMNRRPIL	61	>TP53-I251L-GMNRRPLLTIIITL	50	11
>TP53-I251L-GMNRRPILTI	13	>TP53-I251L-GMNRRPLLTIIITL	12	1
>TP53-I251L-GMNRRPILTIITL	229	>TP53-I251L-GMNRRPLLTIIITL	94	135
>TP53-I251L-GMNRRPILTIITL	10	>TP53-I251L-GMNRRPLLTIIITL	15	5
>TP53-I251L-GMNRRPILTIITL	93	>TP53-I251L-GMNRRPLLTIIITL	119	26
>TP53-I251L-GMNRRPIL	182	>TP53-I251L-GMNRRPLLTIIITL	261	79

>TP53-I251L- GMNRRPILTI	21	>TP53-I251L- GMNRRPLLTI	26	5
>TP53-I251L- GMNRRPILTI	53	>TP53-I251L- GMNRRPLLTI	78	25
>TP53-I251L- GMNRRPIL	160	>TP53-I251L- GMNRRPLL	95	65
>TP53-I251L- GMNRRPILTI	66	>TP53-I251L- GMNRRPLLTI	95	29
>TP53-I251L- GMNRRPILTI	192	>TP53-I251L- GMNRRPLLTI	217	25
>TP53-I251L- GMNRRPIL	32	>TP53-I251L- GMNRRPLL	22	10
>TP53-I251L- GMNRRPILTI	43	>TP53-I251L- GMNRRPLLTI	58	15
>TP53-I251L- GMNRRPILTI	102	>TP53-I251L- GMNRRPLLTI	120	18
>TP53-I251L- GMNRRPILTI	147	>TP53-I251L- GMNRRPLLTI	179	32
>TP53-I251L- GGMNRRPIL	444	>TP53-I251L- GGMNRRPLL	1580	1136
>TP53-I251L- GGMNRRPIL	1950	>TP53-I251L- GGMNRRPLL	490	1460
>TP53-I251L- CMGGMNRR	635	>TP53-I251L- CMGGMNRR	293	342
>TP53-I251L- CMGGMNRR	1849	>TP53-I251L- CMGGMNRR	330	1519
>TP53-I251L- CMGGMNRR	88	>TP53-I251L- CMGGMNRR	49	39
>TP53-I251N RPILTIITL	104	>TP53-I251N RPNLTIITL	1064	960
>TP53-I251N RPILTIITL	34	>TP53-I251N RPNLTIITL	38	4
>TP53-I251N RPILTIITL	391	>TP53-I251N RPNLTIITL	682	291
>TP53-I251N RPILTIITL	66	>TP53-I251N RPNLTIITL	297	231
>TP53-I251N RPILTIITL	89	>TP53-I251N RPNLTIITL	122	33
>TP53-I251N RRPILTII	220	>TP53-I251N RRPNLTI	197	23
>TP53-I251N RRPILTIITL	14	>TP53-I251N RRPNLTIITL	14	0
>TP53-I251N RRPILTIITL	492	>TP53-I251N RRPNLTIITL	1157	665
>TP53-I251N RRPILTII	33	>TP53-I251N RRPNLTI	101	68
>TP53-I251N RRPILTIIT	86	>TP53-I251N RRPNLTIIT	113	27
>TP53-I251N RRPILTIITL	16	>TP53-I251N RRPNLTIITL	17	1
>TP53-I251N RRPILTIITL	129	>TP53-I251N RRPNLTIITL	155	26
>TP53-I251N RRPILTII	319	>TP53-I251N RRPNLTI	368	49
>TP53-I251N RRPILTIIT	329	>TP53-I251N RRPNLTIIT	471	142
>TP53-I251N RRPILTIITL	14	>TP53-I251N RRPNLTIITL	15	1
>TP53-I251N RRPILTIITL	467	>TP53-I251N RRPNLTIITL	613	146
>TP53-I251N NRRPILTII	281	>TP53-I251N NRRPNLTI	755	474
>TP53-I251N NRRPILTIITL	50	>TP53-I251N NRRPNLTIITL	78	28
>TP53-I251N NRRPILTII	224	>TP53-I251N NRRPNLTI	480	256
>TP53-I251N NRRPILTIITL	12	>TP53-I251N NRRPNLTIITL	19	7
>TP53-I251N MNRRPILTI	35	>TP53-I251N MNRRPNLTI	25	10
>TP53-I251N MNRRPILTII	200	>TP53-I251N MNRRPNLTI	140	60
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>TP53-I251N MNRRPILTI	399	>TP53-I251N MNRRPNLTI	338	61
>TP53-I251N GMNRRPIL	678	>TP53-I251N GMNRRPNL	215	463
>TP53-I251N GMNRRPILTI	185	>TP53-I251N GMNRRPNLT	276	91
>TP53-I251N GMNRRPILTI	168	>TP53-I251N GMNRRPNLT	210	42
>TP53-I251N GMNRRPIL	213	>TP53-I251N GMNRRPNL	113	100
>TP53-I251N GMNRRPILT	728	>TP53-I251N GMNRRPNLT	331	397

>TP53-I251N GMNRRPILTI	61	>TP53-I251N GMNRRPNLT	236	175
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>TP53-I251N GMNRRPIL	229	>TP53-I251N GMNRRPNL	124	105
>TP53-I251N GMNRRPILTI	10	>TP53-I251N GMNRRPNLT	31	21
>TP53-I251N GMNRRPILTI	93	>TP53-I251N GMNRRPNLT	132	39
>TP53-I251N GMNRRPIL	182	>TP53-I251N GMNRRPNL	181	1
>TP53-I251N GMNRRPILTI	21	>TP53-I251N GMNRRPNLT	39	18
>TP53-I251N GMNRRPILTI	53	>TP53-I251N GMNRRPNLT	46	7
>TP53-I251N GMNRRPIL	160	>TP53-I251N GMNRRPNL	110	50
>TP53-I251N GMNRRPILTI	66	>TP53-I251N GMNRRPNLT	207	141
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>TP53-I251N GMNRRPIL	32	>TP53-I251N GMNRRPNL	26	6
>TP53-I251N GMNRRPILTI	43	>TP53-I251N GMNRRPNLT	119	76
>TP53-I251N GMNRRPILTI	102	>TP53-I251N GMNRRPNLT	121	19
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>TP53-I251N GGMNRRPIL	444	>TP53-I251N GGMNRRPNI	917	473
>TP53-I251N CMGGMNRR	88	>TP53-I251N CMGGMNRR	57	31
>TP53-I251S- RPILTIITL	104	>TP53-I251S- RPSLTIITL	2123	2019
>TP53-I251S- RPILTIITL	34	>TP53-I251S- RPSLTIITL	33	1
>TP53-I251S- RPILTIITL	391	>TP53-I251S- RPSLTIITL	532	141
>TP53-I251S- RPILTIITL	66	>TP53-I251S- RPSLTIITL	153	87
>TP53-I251S- RPILTIITL	89	>TP53-I251S- RPSLTIITL	87	2
>TP53-I251S- RRPILTIITL	921	>TP53-I251S- RRPSLTIITL	385	536
>TP53-I251S- RRPILTII	220	>TP53-I251S- RRPSLTII	228	8
>TP53-I251S- RRPILTIITL	14	>TP53-I251S- RRPSLTIITL	15	1
>TP53-I251S- RRPILTIITL	492	>TP53-I251S- RRPSLTIITL	326	166
>TP53-I251S- RRPILTII	33	>TP53-I251S- RRPSLTII	58	25
>TP53-I251S- RRPILTIIT	86	>TP53-I251S- RRPSLTIIT	97	11
>TP53-I251S- RRPILTIITL	16	>TP53-I251S- RRPSLTIITL	22	6
>TP53-I251S- RRPILTIITL	129	>TP53-I251S- RRPSLTIITL	136	7
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>TP53-I251S- RRPILTIIT	329	>TP53-I251S- RRPSLTIIT	742	413
>TP53-I251S- RRPILTIITL	14	>TP53-I251S- RRPSLTIITL	19	5
>TP53-I251S- RRPILTIITL	467	>TP53-I251S- RRPSLTIITL	877	410
>TP53-I251S- NRRPILTI	1113	>TP53-I251S- NRRPSLTI	451	662
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>TP53-I251S- NRRPILTIITL	710	>TP53-I251S- NRRPSLTIITL	277	433
>TP53-I251S- NRRPILTII	281	>TP53-I251S- NRRPSLTII	744	463
>TP53-I251S- NRRPILTIITL	50	>TP53-I251S- NRRPSLTIITL	79	29
>TP53-I251S- NRRPILTII	224	>TP53-I251S- NRRPSLTII	843	619
>TP53-I251S- NRRPILTIITL	12	>TP53-I251S- NRRPSLTIITL	25	13
>TP53-I251S- MNRRPILTI	35	>TP53-I251S- MNRRPSLTI	15	20
>TP53-I251S- MNRRPILTII	200	>TP53-I251S- MNRRPSLTII	87	113

>TP53-I251S-MNRRPILTI	457	>TP53-I251S-MNRRPSLTI	295	162
>TP53-I251S-MNRRPILTII	821	>TP53-I251S-MNRRPSLTII	358	463
>TP53-I251S-MNRRPILTI	399	>TP53-I251S-MNRRPSLTI	328	71
>TP53-I251S-GMNRPPIL	678	>TP53-I251S-GMNRPPSL	231	447
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>TP53-I251S-GMNRPPILTI	168	>TP53-I251S-GMNRPPSLTI	227	59
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>TP53-I251S-GMNRPPILT	728	>TP53-I251S-GMNRPPSLT	106	622
>TP53-I251S-GMNRPPILTI	61	>TP53-I251S-GMNRPPSLTI	146	85
>TP53-I251S-GMNRPPILTI	13	>TP53-I251S-GMNRPPSLTI	8	5
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>TP53-I251S-GMNRPPIL	182	>TP53-I251S-GMNRPPSL	112	70
>TP53-I251S-GMNRPPILTI	21	>TP53-I251S-GMNRPPSLTI	26	5
>TP53-I251S-GMNRPPILTI	53	>TP53-I251S-GMNRPPSLTI	61	8
>TP53-I251S-GMNRPPIL	160	>TP53-I251S-GMNRPPSL	99	61
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>TP53-I251S-GMNRPPILTI	192	>TP53-I251S-GMNRPPSLTI	313	121
>TP53-I251S-GMNRPPIL	32	>TP53-I251S-GMNRPPSL	16	16
>TP53-I251S-GMNRPPILTI	43	>TP53-I251S-GMNRPPSLTI	70	27
>TP53-I251S-GMNRPPILTI	102	>TP53-I251S-GMNRPPSLTI	95	7
>TP53-I251S-GMNRPPILTI	147	>TP53-I251S-GMNRPPSLTI	189	42
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>TP53-I251S-GGMNRPPIL	444	>TP53-I251S-GGMNRPPSL	118	326
>TP53-I251S-GGMNRPPIL	538	>TP53-I251S-GGMNRPPSL	464	74
>TP53-I251S-CMGGMNRR	88	>TP53-I251S-CMGGMNRR	33	55
>TP53-I251T-PILTIITL	1347	>TP53-I251T-PTLTIITL	405	942
>TP53-I251T-RPILTIITL	104	>TP53-I251T-RPTLTIITL	1097	993
>TP53-I251T-RPILTIITL	34	>TP53-I251T-RPTLTIITL	52	18
>TP53-I251T-RPILTIITL	391	>TP53-I251T-RPTLTIITL	767	376
>TP53-I251T-RPILTIITL	66	>TP53-I251T-RPTLTIITL	520	454
>TP53-I251T-RPILTIITL	89	>TP53-I251T-RPTLTIITL	229	140
>TP53-I251T-RRPILTII	220	>TP53-I251T-RRPTLTII	235	15
>TP53-I251T-RRPILTIITL	14	>TP53-I251T-RRPTLTIITL	15	1
>TP53-I251T-RRPILTIITL	492	>TP53-I251T-RRPTLTIITL	619	127
>TP53-I251T-RRPILTII	33	>TP53-I251T-RRPTLTII	22	11
>TP53-I251T-RRPILTIIT	86	>TP53-I251T-RRPTLTIIT	68	18
>TP53-I251T-RRPILTIITL	16	>TP53-I251T-RRPTLTIITL	17	1
>TP53-I251T-RRPILTIITL	129	>TP53-I251T-RRPTLTIITL	101	28
>TP53-I251T-RRPILTII	319	>TP53-I251T-RRPTLTII	352	33
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>TP53-I251T·RRPILTIITLE	467	>TP53-I251T·RRPTLTIITLE	640	173
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>TP53-I251T·NRRPILTII	281	>TP53-I251T·NRRPTLTII	393	112
>TP53-I251T·NRRPILTIITL	50	>TP53-I251T·NRRPTLTIITL	58	8
>TP53-I251T·NRRPILTII	224	>TP53-I251T·NRRPTLTII	455	231
>TP53-I251T·NRRPILTIITL	12	>TP53-I251T·NRRPTLTIITL	18	6
>TP53-I251T·MNRRRPILTI	35	>TP53-I251T·MNRRRPTLTI	21	14
>TP53-I251T·MNRRRPILTII	200	>TP53-I251T·MNRRRPTLTII	95	105
>TP53-I251T·MNRRRPILTI	457	>TP53-I251T·MNRRRPTLTI	404	53
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>TP53-I251T·MNRRRPILTI	399	>TP53-I251T·MNRRRPTLTI	243	156
>TP53-I251T·GMNRRRPIL	678	>TP53-I251T·GMNRRRPTL	416	262
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>TP53-I251T·GMNRRRPILTII	168	>TP53-I251T·GMNRRRPTLTII	219	51
>TP53-I251T·GMNRRRPIL	213	>TP53-I251T·GMNRRRPTL	73	140
>TP53-I251T·GMNRRRPILT	728	>TP53-I251T·GMNRRRPTLT	100	628
>TP53-I251T·GMNRRRPILTI	61	>TP53-I251T·GMNRRRPTLTI	85	24
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>TP53-I251T·GMNRRRPIL	182	>TP53-I251T·GMNRRRPTL	61	121
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>TP53-I251T·GMNRRRPILTII	53	>TP53-I251T·GMNRRRPTLTII	65	12
>TP53-I251T·GMNRRRPIL	160	>TP53-I251T·GMNRRRPTL	60	100
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>TP53-I251T·GMNRRRPILTII	192	>TP53-I251T·GMNRRRPTLTII	233	41
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>TP53-I251T·GMNRRRPILTI	43	>TP53-I251T·GMNRRRPTLTI	57	14
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>TP53-I251T·GGMNRRPIL	444	>TP53-I251T·GGMNRRRPTL	225	219
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>TP53-I251T·CMGGMNRR	635	>TP53-I251T·CMGGMNRR	498	137
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>TP53-I251T·CMGGMNRR	88	>TP53-I251T·CMGGMNRR	31	57
>TP53-I251V·SCMGGMNR	1031	>TP53-I251V·SCMGGMNR	182	849
>TP53-I251V·RPILTIITL	104	>TP53-I251V·RPVLTIIITL	505	401
>TP53-I251V·RPILTIITL	34	>TP53-I251V·RPVLTIIITL	40	6
>TP53-I251V·RPILTIITL	391	>TP53-I251V·RPVLTIIITL	362	29
>TP53-I251V·RPILTIITL	66	>TP53-I251V·RPVLTIIITL	91	25
>TP53-I251V·RPILTIITL	89	>TP53-I251V·RPVLTIIITL	97	8

>TP53-I251V·RRPILTII	220	>TP53-I251V·RRPVLTII	198	22
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>TP53-I251V·RRPILTIITL	492	>TP53-I251V·RRPVLTIIITL	936	444
>TP53-I251V·RRPILTII	33	>TP53-I251V·RRPVLTII	29	4
>TP53-I251V·RRPILTIIT	86	>TP53-I251V·RRPVLTIIIT	69	17
>TP53-I251V·RRPILTIITL	16	>TP53-I251V·RRPVLTIIITL	17	1
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>TP53-I251V·RRPILTIITLE	467	>TP53-I251V·RRPVLTIIITLE	397	70
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>TP53-I251V·NRRPILTIITL	50	>TP53-I251V·NRRPVLTIIITL	49	1
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>TP53-I251V·MNRRPILTI	200	>TP53-I251V·MNRRPVLTII	216	16
>TP53-I251V·MNRRPILTI	457	>TP53-I251V·MNRRPVLTII	267	190
>TP53-I251V·MNRRPILTI	399	>TP53-I251V·MNRRPVLTII	632	233
>TP53-I251V·GMNRRPILTI	185	>TP53-I251V·GMNRRPVLTII	275	90
>TP53-I251V·GMNRRPILTI	168	>TP53-I251V·GMNRRPVLTII	177	9
>TP53-I251V·GMNRRPIL	213	>TP53-I251V·GMNRRPVLTII	239	26
>TP53-I251V·GMNRRPILTI	61	>TP53-I251V·GMNRRPVLTII	94	33
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>TP53-I251V·GMNRRPILTI	10	>TP53-I251V·GMNRRPVLTII	12	2
>TP53-I251V·GMNRRPILTI	93	>TP53-I251V·GMNRRPVLTII	70	23
>TP53-I251V·GMNRRPIL	182	>TP53-I251V·GMNRRPVLTII	147	35
>TP53-I251V·GMNRRPILTI	21	>TP53-I251V·GMNRRPVLTII	22	1
>TP53-I251V·GMNRRPILTI	53	>TP53-I251V·GMNRRPVLTII	50	3
>TP53-I251V·GMNRRPIL	160	>TP53-I251V·GMNRRPVLTII	131	29
>TP53-I251V·GMNRRPILTI	66	>TP53-I251V·GMNRRPVLTII	69	3
>TP53-I251V·GMNRRPILTI	192	>TP53-I251V·GMNRRPVLTII	160	32
>TP53-I251V·GMNRRPIL	32	>TP53-I251V·GMNRRPVLTII	25	7
>TP53-I251V·GMNRRPILTI	43	>TP53-I251V·GMNRRPVLTII	46	3
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>TP53-I251V·GMNRRPILTI	147	>TP53-I251V·GMNRRPVLTII	93	54
>TP53-I251V·GGMNRRPIL	444	>TP53-I251V·GGMNRRPVLTII	265	179
>TP53-I251V·CMGGMNRR	1329	>TP53-I251V·CMGGMNRR	373	956
>TP53-I251V·CMGGMNRR	984	>TP53-I251V·CMGGMNRR	63	921
>TP53-I251V·CMGGMNRR	3061	>TP53-I251V·CMGGMNRR	496	2565
>TP53-I251V·CMGGMNRR	6204	>TP53-I251V·CMGGMNRR	479	5725
>TP53-I251V·CMGGMNRR	1849	>TP53-I251V·CMGGMNRR	14	1835

>TP53-I251V·CMGGMNRR	88	>TP53-I251V·CMGGMNRR	70	18
>TP53-I254D ILTIITLEDSS	1325	>TP53-I254D ILTDITLEDSS	201	1124
>TP53-I254D ILTIITLEDSS	3891	>TP53-I254D ILTDITLEDSS	265	3626
>TP53-I254D ILTIITLEDSS	4003	>TP53-I254D ILTDITLEDSS	313	3690
>TP53-I254D RPILTIITL	104	>TP53-I254D RPILTDITL	109	5
>TP53-I254D RPILTIITL	34	>TP53-I254D RPILTDITL	59	25
>TP53-I254D RPILTIITL	391	>TP53-I254D RPILTDITL	98	293
>TP53-I254D RPILTIITL	66	>TP53-I254D RPILTDITL	292	226
>TP53-I254D RPILTIITL	89	>TP53-I254D RPILTDITL	278	189
>TP53-I254D RRPILTII	220	>TP53-I254D RRPILTDI	580	360
>TP53-I254D RRPILTIITL	14	>TP53-I254D RRPILTDITL	14	0
>TP53-I254D RRPILTIITL	492	>TP53-I254D RRPILTDITL	4186	3694
>TP53-I254D RRPILTII	33	>TP53-I254D RRPILTDI	22	11
>TP53-I254D RRPILTIIT	86	>TP53-I254D RRPILTDIT	220	134
>TP53-I254D RRPILTIITL	16	>TP53-I254D RRPILTDITL	16	0
>TP53-I254D RRPILTIITL	129	>TP53-I254D RRPILTDITL	247	118
>TP53-I254D RRPILTII	319	>TP53-I254D RRPILTDI	259	60
>TP53-I254D RRPILTIIT	329	>TP53-I254D RRPILTDIT	878	549
>TP53-I254D RRPILTIITL	14	>TP53-I254D RRPILTDITL	16	2
>TP53-I254D RRPILTIITL	467	>TP53-I254D RRPILTDITL	960	493
>TP53-I254D NRRPILTII	281	>TP53-I254D NRRPILTDI	414	133
>TP53-I254D NRRPILTIITL	50	>TP53-I254D NRRPILTDITL	96	46
>TP53-I254D NRRPILTII	224	>TP53-I254D NRRPILTDI	590	366
>TP53-I254D NRRPILTIITL	12	>TP53-I254D NRRPILTDITL	44	32
>TP53-I254D MNRRPILTI	35	>TP53-I254D MNRRPILTD	2101	2066
>TP53-I254D MNRRPILTII	200	>TP53-I254D MNRRPILTDI	740	540
>TP53-I254D MNRRPILTI	457	>TP53-I254D MNRRPILTD	20157	19700
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>TP53-I254D GMNRRPILTI	168	>TP53-I254D GMNRRPILTE	335	167
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>TP53-I254D GMNRRPILTI	93	>TP53-I254D GMNRRPILTE	145	52
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>TP53-I254D GMNRRPILTI	53	>TP53-I254D GMNRRPILTE	127	74
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>TP53-I254D GMNRRPILTI	192	>TP53-I254D GMNRRPILTE	232	40
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>TP53-I254F·IITLEDSSGNL	1406	>TP53-I254F·FITLEDSSGNL	75	1331
>TP53-I254F·IITLEDSSGNL	2966	>TP53-I254F·FITLEDSSGNL	372	2594

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>TP53-I254F-GGMNRRPIL	10442	>TP53-I254F-GGMNRRPIL	455	9987
>TP53-I254F-GGMNRRPIL	2293	>TP53-I254F-GGMNRRPIL	196	2097
>TP53-I254F-RPILTIITL	104	>TP53-I254F-RPILTFITL	45	59
>TP53-I254F-RPILTIITL	34	>TP53-I254F-RPILTFITL	27	7
>TP53-I254F-RPILTIITL	391	>TP53-I254F-RPILTFITL	255	136
>TP53-I254F-RPILTIITL	66	>TP53-I254F-RPILTFITL	75	9
>TP53-I254F-RPILTIIT	1102	>TP53-I254F-RPILTFIT	227	875
>TP53-I254F-RPILTIITL	89	>TP53-I254F-RPILTFITL	141	52
>TP53-I254F-RPILTIITL	671	>TP53-I254F-RPILTFITL	361	310
>TP53-I254F-RPILTIITL	915	>TP53-I254F-RPILTFITL	459	456
>TP53-I254F-RRPILTI	220	>TP53-I254F-RRPILTFI	121	99
>TP53-I254F-RRPILTIITL	14	>TP53-I254F-RRPILTFITL	12	2
>TP53-I254F-RRPILTIITL	492	>TP53-I254F-RRPILTFITL	267	225
>TP53-I254F-RRPILTI	33	>TP53-I254F-RRPILTFI	28	5
>TP53-I254F-RRPILTIIT	86	>TP53-I254F-RRPILTFIT	112	26
>TP53-I254F-RRPILTIITL	16	>TP53-I254F-RRPILTFITL	13	3
>TP53-I254F-RRPILTIITL	129	>TP53-I254F-RRPILTFITL	123	6
>TP53-I254F-RRPILTI	319	>TP53-I254F-RRPILTFI	282	37
>TP53-I254F-RRPILTIIT	329	>TP53-I254F-RRPILTFIT	651	322
>TP53-I254F-RRPILTIITL	14	>TP53-I254F-RRPILTFITL	11	3
>TP53-I254F-RRPILTIITL	467	>TP53-I254F-RRPILTFITL	538	71
>TP53-I254F-NRRPILTI	1242	>TP53-I254F-NRRPILTFI	66	1176
>TP53-I254F-NRRPILTI	1113	>TP53-I254F-NRRPILTF	59	1054
>TP53-I254F-NRRPILTI	281	>TP53-I254F-NRRPILTFI	225	56
>TP53-I254F-NRRPILTIITL	50	>TP53-I254F-NRRPILTFITL	48	2
>TP53-I254F-NRRPILTI	224	>TP53-I254F-NRRPILTFI	111	113
>TP53-I254F-NRRPILTIITL	12	>TP53-I254F-NRRPILTFITL	9	3
>TP53-I254F-MNRRPILTI	35	>TP53-I254F-MNRRPILTF	1395	1360
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>TP53-I254F-MNRRPILTI	399	>TP53-I254F-MNRRPILTF	23294	22895
>TP53-I254F-GMNRRPILTI	755	>TP53-I254F-GMNRRPILTF	137	618
>TP53-I254F-GMNRRPILTI	185	>TP53-I254F-GMNRRPILTF	9559	9374
>TP53-I254F-GMNRRPILTI	168	>TP53-I254F-GMNRRPILTF	33	135
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>TP53-I254F-GMNRRPILTI	21	>TP53-I254F-GMNRRPILTF	6239	6218



>TP53-I254F-GMNRRPILTI	53	>TP53-I254F-GMNRRPILTF	21	32
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>TP53-I254F-GMNRRPILTI	844	>TP53-I254F-GMNRRPILTF	15	829
>TP53-I254N RPILTIITL	104	>TP53-I254N RPILTNI TL	186	82
>TP53-I254N RPILTIITL	34	>TP53-I254N RPILTNI TL	21	13
>TP53-I254N RPILTIITL	391	>TP53-I254N RPILTNI TL	313	78
>TP53-I254N RPILTIITL	66	>TP53-I254N RPILTNI TL	46	20
>TP53-I254N RPILTIITL	89	>TP53-I254N RPILTNI TL	211	122
>TP53-I254N RRPILTII	220	>TP53-I254N RRPILTNI	166	54
>TP53-I254N RRPILTIITL	14	>TP53-I254N RRPILTNI TL	17	3
>TP53-I254N RRPILTIITL	492	>TP53-I254N RRPILTNI TL	1494	1002
>TP53-I254N RRPILTII	33	>TP53-I254N RRPILTNI	24	9
>TP53-I254N RRPILTIIT	86	>TP53-I254N RRPILTNI T	166	80
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>TP53-I254N RRPILTIITLE	129	>TP53-I254N RRPILTNI TLE	216	87
>TP53-I254N RRPILTII	319	>TP53-I254N RRPILTNI	129	190
>TP53-I254N RRPILTIIT	329	>TP53-I254N RRPILTNI T	381	52
>TP53-I254N RRPILTIITL	14	>TP53-I254N RRPILTNI TL	18	4
>TP53-I254N RRPILTIITLE	467	>TP53-I254N RRPILTNI TLE	630	163
>TP53-I254N NRRPILTI	281	>TP53-I254N NRRPILTNI	609	328
>TP53-I254N NRRPILTIITL	50	>TP53-I254N NRRPILTNI TL	70	20
>TP53-I254N NRRPILTIITL	224	>TP53-I254N NRRPILTNI TL	242	18
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>TP53-I254N MNRRPILTI	399	>TP53-I254N MNRRPILTN	39003	38604
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>TP53-I254N GMNRRPILTI	147	>TP53-I254N GMNRRPILTI	11547	11400
>TP53-I254S- RPILTIITL	104	>TP53-I254S- RPILTSITL	142	38
>TP53-I254S- RPILTIIT	1023	>TP53-I254S- RPILTSIT	257	766
>TP53-I254S- RPILTIITL	34	>TP53-I254S- RPILTSITL	15	19
>TP53-I254S- RPILTIITL	391	>TP53-I254S- RPILTSITL	124	267
>TP53-I254S- RPILTIITL	66	>TP53-I254S- RPILTSITL	35	31
>TP53-I254S- RPILTIITL	89	>TP53-I254S- RPILTSITL	49	40
>TP53-I254S- RRPILTII	220	>TP53-I254S- RRPILTSI	138	82
>TP53-I254S- RRPILTIITL	14	>TP53-I254S- RRPILTSITL	17	3
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>TP53-I254S- RRPILTII	33	>TP53-I254S- RRPILTSI	26	7
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>TP53-I254S- RRPILTIITL	16	>TP53-I254S- RRPILTSITL	16	0
>TP53-I254S- RRPILTIITL	129	>TP53-I254S- RRPILTSITL	195	66
>TP53-I254S- RRPILTII	319	>TP53-I254S- RRPILTSI	167	152
>TP53-I254S- RRPILTIIT	329	>TP53-I254S- RRPILTSIT	273	56
>TP53-I254S- RRPILTIITL	14	>TP53-I254S- RRPILTSITL	16	2
>TP53-I254S- RRPILTIITL	467	>TP53-I254S- RRPILTSITL	649	182
>TP53-I254S- NRRPILTIITL	701	>TP53-I254S- NRRPILTSITL	439	262
>TP53-I254S- NRRPILTII	281	>TP53-I254S- NRRPILTSI	592	311
>TP53-I254S- NRRPILTIITL	50	>TP53-I254S- NRRPILTSITL	80	30
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>TP53-I254S- NRRPILTIITL	12	>TP53-I254S- NRRPILTSITL	25	13
>TP53-I254S- MNRRPILTI	35	>TP53-I254S- MNRRPILTS	449	414
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>TP53-I254S- MNRRPILTI	457	>TP53-I254S- MNRRPILTS	10337	9880
>TP53-I254S- MNRRPILTII	821	>TP53-I254S- MNRRPILTSI	433	388
>TP53-I254S- MNRRPILTI	399	>TP53-I254S- MNRRPILTS	34108	33709
>TP53-I254S- GMNRRPILTI	755	>TP53-I254S- GMNRRPILTS	267	488
>TP53-I254S- GMNRRPILTI	185	>TP53-I254S- GMNRRPILTS	8899	8714
>TP53-I254S- GMNRRPILTI	168	>TP53-I254S- GMNRRPILTS	77	91
>TP53-I254S- GMNRRPILTI	61	>TP53-I254S- GMNRRPILTS	3927	3866
>TP53-I254S- GMNRRPILTI	13	>TP53-I254S- GMNRRPILTS	8	5
>TP53-I254S- GMNRRPILTI	10	>TP53-I254S- GMNRRPILTS	1105	1095
>TP53-I254S- GMNRRPILTI	93	>TP53-I254S- GMNRRPILTS	22	71
>TP53-I254S- GMNRRPILTI	21	>TP53-I254S- GMNRRPILTS	6695	6674
>TP53-I254S- GMNRRPILTI	53	>TP53-I254S- GMNRRPILTS	30	23
>TP53-I254S- GMNRRPILTI	66	>TP53-I254S- GMNRRPILTS	9160	9094
>TP53-I254S- GMNRRPILTI	192	>TP53-I254S- GMNRRPILTS	96	96
>TP53-I254S- GMNRRPILTI	43	>TP53-I254S- GMNRRPILTS	3307	3264
>TP53-I254S- GMNRRPILTI	102	>TP53-I254S- GMNRRPILTS	33	69

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>TP53-I254T-RPILTIIT	1023	>TP53-I254T-RPILTTIT	254	769
>TP53-I254T-RPILTIITL	34	>TP53-I254T-RPILTTITL	13	21
>TP53-I254T-RPILTIITL	391	>TP53-I254T-RPILTTITL	103	288
>TP53-I254T-RPILTIITL	66	>TP53-I254T-RPILTTITL	33	33
>TP53-I254T-RPILTIITL	89	>TP53-I254T-RPILTTITL	88	1
>TP53-I254T-RRPILTII	220	>TP53-I254T-RRPILTTI	146	74
>TP53-I254T-RRPILTIITL	14	>TP53-I254T-RRPILTTITL	14	0
>TP53-I254T-RRPILTIITL	492	>TP53-I254T-RRPILTTITL	1373	881
>TP53-I254T-RRPILTII	33	>TP53-I254T-RRPILTTI	25	8
>TP53-I254T-RRPILTIIT	86	>TP53-I254T-RRPILTTIT	113	27
>TP53-I254T-RRPILTIITL	16	>TP53-I254T-RRPILTTITL	16	0
>TP53-I254T-RRPILTIITLE	129	>TP53-I254T-RRPILTTITLE	160	31
>TP53-I254T-RRPILTII	319	>TP53-I254T-RRPILTTI	192	127
>TP53-I254T-RRPILTIIT	329	>TP53-I254T-RRPILTTIT	661	332
>TP53-I254T-RRPILTIITL	14	>TP53-I254T-RRPILTTITL	14	0
>TP53-I254T-RRPILTIITLE	467	>TP53-I254T-RRPILTTITLE	741	274
>TP53-I254T-NRRPILTIITL	701	>TP53-I254T-NRRPILTTITL	433	268
>TP53-I254T-NRRPILTII	281	>TP53-I254T-NRRPILTTI	157	124
>TP53-I254T-NRRPILTIITL	50	>TP53-I254T-NRRPILTTITL	51	1
>TP53-I254T-NRRPILTII	224	>TP53-I254T-NRRPILTTI	116	108
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>TP53-I254T-MNRRPILTI	35	>TP53-I254T-MNRRPILTT	993	958
>TP53-I254T-MNRRPILTII	200	>TP53-I254T-MNRRPILTTI	142	58
>TP53-I254T-MNRRPILTI	457	>TP53-I254T-MNRRPILTT	10636	10179
>TP53-I254T-MNRRPILTI	399	>TP53-I254T-MNRRPILTT	35004	34605
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>TP53-I254T-GMNRRPILTI	168	>TP53-I254T-GMNRRPILTT	141	27
>TP53-I254T-GMNRRPILTI	61	>TP53-I254T-GMNRRPILTT	246	185
>TP53-I254T-GMNRRPILTI	13	>TP53-I254T-GMNRRPILTT	10	3
>TP53-I254T-GMNRRPILTI	10	>TP53-I254T-GMNRRPILTT	182	172
>TP53-I254T-GMNRRPILTI	93	>TP53-I254T-GMNRRPILTT	16	77
>TP53-I254T-GMNRRPILTI	21	>TP53-I254T-GMNRRPILTT	1805	1784
>TP53-I254T-GMNRRPILTI	53	>TP53-I254T-GMNRRPILTT	17	36
>TP53-I254T-GMNRRPILTI	66	>TP53-I254T-GMNRRPILTT	1876	1810
>TP53-I254T-GMNRRPILTI	192	>TP53-I254T-GMNRRPILTT	61	131
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>TP53-I254T-GMNRRPILTI	102	>TP53-I254T-GMNRRPILTT	30	72
>TP53-I254T-GMNRRPILTI	147	>TP53-I254T-GMNRRPILTT	8579	8432
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>TP53-I254V·PILTIITL	508	>TP53-I254V·PILTVITL	299	209
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>TP53-I254V·RPILTIITL	34	>TP53-I254V·RPILTVITL	26	8
>TP53-I254V·RPILTIITL	391	>TP53-I254V·RPILTVITL	289	102
>TP53-I254V·RPILTIITL	66	>TP53-I254V·RPILTVITL	44	22
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>TP53-I254V·RRPILTII	220	>TP53-I254V·RRPILTVI	175	45
>TP53-I254V·RRPILTIITL	14	>TP53-I254V·RRPILTVITL	15	1
>TP53-I254V·RRPILTIITL	492	>TP53-I254V·RRPILTVITL	940	448
>TP53-I254V·RRPILTII	33	>TP53-I254V·RRPILTVI	35	2
>TP53-I254V·RRPILTIIT	86	>TP53-I254V·RRPILTVIT	112	26
>TP53-I254V·RRPILTIITL	16	>TP53-I254V·RRPILTVITL	16	0
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>TP53-I254V·RRPILTII	319	>TP53-I254V·RRPILTVI	246	73
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>TP53-I254V·NRRPILTII	281	>TP53-I254V·NRRPILTVI	235	46
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>TP53-I254V·NRRPILTII	224	>TP53-I254V·NRRPILTVI	235	11
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>TP53-I254V·MNRRPILTI	399	>TP53-I254V·MNRRPILTV	11956	11557
>TP53-I254V·GMNRRPILTI	972	>TP53-I254V·GMNRRPILTV	173	799
>TP53-I254V·GMNRRPILTI	185	>TP53-I254V·GMNRRPILTV	96	89
>TP53-I254V·GMNRRPILTI	168	>TP53-I254V·GMNRRPILTV	178	10
>TP53-I254V·GMNRRPILTI	61	>TP53-I254V·GMNRRPILTV	23	38
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>TP53-I254V·GMNRRPILTI	21	>TP53-I254V·GMNRRPILTV	5	16
>TP53-I254V·GMNRRPILTI	53	>TP53-I254V·GMNRRPILTV	42	11
>TP53-I254V·GMNRRPILTI	66	>TP53-I254V·GMNRRPILTV	8	58
>TP53-I254V·GMNRRPILTI	192	>TP53-I254V·GMNRRPILTV	150	42
>TP53-I254V·GMNRRPILTI	2202	>TP53-I254V·GMNRRPILTV	50	2152
>TP53-I254V·GMNRRPILTI	43	>TP53-I254V·GMNRRPILTV	4	39
>TP53-I254V·GMNRRPILTI	102	>TP53-I254V·GMNRRPILTV	80	22
>TP53-I254V·GMNRRPILTI	147	>TP53-I254V·GMNRRPILTV	1686	1539
>TP53-I254V·GMNRRPILTI	646	>TP53-I254V·GMNRRPILTV	456	190
>TP53-I255F·ITLEDSSGNL	2969	>TP53-I255F·FTLEDSSGNL	482	2487

>TP53-I255F-ITLEDSSGNLL	1773	>TP53-I255F-FTLEDSSGNLI	91	1682
>TP53-I255F-ITLEDSSGNL	495	>TP53-I255F-FTLEDSSGNL	98	397
>TP53-I255F-ITLEDSSGNLL	536	>TP53-I255F-FTLEDSSGNLI	29	507
>TP53-I255F-ITLEDSSGNL	471	>TP53-I255F-FTLEDSSGNL	101	370
>TP53-I255F-ITLEDSSGNLL	2717	>TP53-I255F-FTLEDSSGNLI	329	2388
>TP53-I255F-ITLEDSSGNL	371	>TP53-I255F-FTLEDSSGNL	49	322
>TP53-I255F-ITLEDSSGNLL	270	>TP53-I255F-FTLEDSSGNLI	20	250
>TP53-I255F-ITLEDSSGNL	302	>TP53-I255F-FTLEDSSGNL	38	264
>TP53-I255F-ITLEDSSGNLL	339	>TP53-I255F-FTLEDSSGNLI	43	296
>TP53-I255F-ITLEDSSGNL	1372	>TP53-I255F-FTLEDSSGNL	64	1308
>TP53-I255F-ITLEDSSGNLL	1053	>TP53-I255F-FTLEDSSGNLI	54	999
>TP53-I255F-ITLEDSSGNL	1829	>TP53-I255F-FTLEDSSGNL	187	1642
>TP53-I255F-ITLEDSSGNLL	1648	>TP53-I255F-FTLEDSSGNLI	160	1488
>TP53-I255F-ITLEDSSGNL	3363	>TP53-I255F-FTLEDSSGNL	326	3037
>TP53-I255F-ITLEDSSGNLL	2830	>TP53-I255F-FTLEDSSGNLI	274	2556
>TP53-I255F-ITLEDSSGNL	1180	>TP53-I255F-FTLEDSSGNL	499	681
>TP53-I255F-ITLEDSSGNL	1595	>TP53-I255F-FTLEDSSGNL	281	1314
>TP53-I255F-ITLEDSSGNLL	3820	>TP53-I255F-FTLEDSSGNLI	238	3582
>TP53-I255F-ITLEDSSGNL	137	>TP53-I255F-FTLEDSSGNL	10	127
>TP53-I255F-ITLEDSSGNLL	354	>TP53-I255F-FTLEDSSGNLI	20	334
>TP53-I255F-ITLEDSSGNL	6	>TP53-I255F-FTLEDSSGNL	16	10
>TP53-I255F-ITLEDSSGNLL	18	>TP53-I255F-FTLEDSSGNLI	58	40
>TP53-I255F-ITLEDSSGNLL	259	>TP53-I255F-FTLEDSSGNLI	194	65
>TP53-I255F-ITLEDSSGNL	341	>TP53-I255F-FTLEDSSGNL	105	236
>TP53-I255F-ITLEDSSGNLL	30	>TP53-I255F-FTLEDSSGNLI	49	19
>TP53-I255F-ITLEDSSGNLL	604	>TP53-I255F-FTLEDSSGNLI	310	294
>TP53-I255F-GMNRRPILTI	168	>TP53-I255F-GMNRRPILTI	3302	3134
>TP53-I255F-GMNRRPILTI	13	>TP53-I255F-GMNRRPILTI	1677	1664
>TP53-I255F-GMNRRPILTI	93	>TP53-I255F-GMNRRPILTI	6928	6835
>TP53-I255F-GMNRRPILTI	53	>TP53-I255F-GMNRRPILTI	12138	12085
>TP53-I255F-GMNRRPILTI	192	>TP53-I255F-GMNRRPILTI	16208	16016
>TP53-I255F-GMNRRPILTI	102	>TP53-I255F-GMNRRPILTI	6306	6204
>TP53-I255F-GMNRRPILTI	7912	>TP53-I255F-GMNRRPILTI	269	7643
>TP53-I255F-GMNRRPILTI	1583	>TP53-I255F-GMNRRPILTI	25	1558
>TP53-I255F-PILTIITL	508	>TP53-I255F-PILTIFTL	465	43
>TP53-I255F-PILTIITL	1459	>TP53-I255F-PILTIFTL	396	1063
>TP53-I255F-RPILTIITL	104	>TP53-I255F-RPILTIFTL	36	68
>TP53-I255F-RPILTIITL	34	>TP53-I255F-RPILTIFTL	36	2
>TP53-I255F-RPILTIITL	391	>TP53-I255F-RPILTIFTL	447	56
>TP53-I255F-RPILTIITL	66	>TP53-I255F-RPILTIFTL	66	0
>TP53-I255F-RPILTIITL	1363	>TP53-I255F-RPILTIFTL	396	967
>TP53-I255F-RPILTIITL	89	>TP53-I255F-RPILTIFTL	59	30
>TP53-I255F-RRPILTI	1610	>TP53-I255F-RRPILTI	85	1525

>TP53-I255F-RRPILTI	220	>TP53-I255F-RRPILTI	242	22
>TP53-I255F-RRPILTIITL	14	>TP53-I255F-RRPILTIIFTL	17	3
>TP53-I255F-RRPILTIITL	492	>TP53-I255F-RRPILTIIFTL	302	190
>TP53-I255F-RRPILTI	33	>TP53-I255F-RRPILTI	65	32
>TP53-I255F-RRPILTIIT	86	>TP53-I255F-RRPILTIIFT	71	15
>TP53-I255F-RRPILTIITL	16	>TP53-I255F-RRPILTIIFTL	24	8
>TP53-I255F-RRPILTIITLE	129	>TP53-I255F-RRPILTIIFTLE	124	5
>TP53-I255F-RRPILTI	319	>TP53-I255F-RRPILTI	222	97
>TP53-I255F-RRPILTIIT	329	>TP53-I255F-RRPILTIIFT	159	170
>TP53-I255F-RRPILTIITL	14	>TP53-I255F-RRPILTIIFTL	18	4
>TP53-I255F-RRPILTIITLE	467	>TP53-I255F-RRPILTIIFTLE	289	178
>TP53-I255F-NRRPILTI	1273	>TP53-I255F-NRRPILTI	86	1187
>TP53-I255F-NRRPILTI	4591	>TP53-I255F-NRRPILTI	448	4143
>TP53-I255F-NRRPILTI	281	>TP53-I255F-NRRPILTI	354	73
>TP53-I255F-NRRPILTIITL	50	>TP53-I255F-NRRPILTIIFTL	59	9
>TP53-I255F-NRRPILTI	224	>TP53-I255F-NRRPILTI	60	164
>TP53-I255F-NRRPILTIITL	12	>TP53-I255F-NRRPILTIIFTL	18	6
>TP53-I255F-MNRRPILTI	200	>TP53-I255F-MNRRPILTI	4482	4282
>TP53-I255F-MNRRPILTIIT	1029	>TP53-I255F-MNRRPILTIIF	165	864
>TP53-I255F-MNRRPILTI	821	>TP53-I255F-MNRRPILTI	15	806
>TP53-I255M ITLEDSSGNL	1773	>TP53-I255M MTLEDSSGNI	413	1360
>TP53-I255M ITLEDSSGNL	495	>TP53-I255M MTLEDSSGNI	277	218
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>TP53-I255M ITLEDSSGNL	471	>TP53-I255M MTLEDSSGNI	266	205
>TP53-I255M ITLEDSSGNL	371	>TP53-I255M MTLEDSSGNI	171	200
>TP53-I255M ITLEDSSGNL	270	>TP53-I255M MTLEDSSGNI	89	181
>TP53-I255M ITLEDSSGNL	302	>TP53-I255M MTLEDSSGNI	126	176
>TP53-I255M ITLEDSSGNL	339	>TP53-I255M MTLEDSSGNI	141	198
>TP53-I255M ITLEDSSGNL	1372	>TP53-I255M MTLEDSSGNI	497	875
>TP53-I255M ITLEDSSGNL	1053	>TP53-I255M MTLEDSSGNI	382	671
>TP53-I255M ITLEDSSGNL	1595	>TP53-I255M MTLEDSSGNI	175	1420
>TP53-I255M ITLEDSSGNL	3820	>TP53-I255M MTLEDSSGNI	63	3757
>TP53-I255M ITLEDSSGNL	137	>TP53-I255M MTLEDSSGNI	13	124
>TP53-I255M ITLEDSSGNL	354	>TP53-I255M MTLEDSSGNI	28	326
>TP53-I255M ITLEDSSGNL	6	>TP53-I255M MTLEDSSGNI	8	2
>TP53-I255M ITLEDSSGNL	18	>TP53-I255M MTLEDSSGNI	24	6
>TP53-I255M ITLEDSSGNL	259	>TP53-I255M MTLEDSSGNI	355	96
>TP53-I255M ITLEDSSGNL	341	>TP53-I255M MTLEDSSGNI	98	243
>TP53-I255M ITLEDSSGNL	30	>TP53-I255M MTLEDSSGNI	39	9
>TP53-I255M ITLEDSSGNL	604	>TP53-I255M MTLEDSSGNI	254	350
>TP53-I255M IITLEDSSGNL	1406	>TP53-I255M IMTLEDSSGN	107	1299
>TP53-I255M IITLEDSSGNL	2966	>TP53-I255M IMTLEDSSGN	386	2580
>TP53-I255M IITLEDSSGNL	2131	>TP53-I255M IMTLEDSSGN	80	2051

>TP53-I255M GMNRRPILTI	168	>TP53-I255M GMNRRPILTI	596	428
>TP53-I255M GMNRRPILTI	13	>TP53-I255M GMNRRPILTI	128	115
>TP53-I255M GMNRRPILTI	93	>TP53-I255M GMNRRPILTI	807	714
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>TP53-I255M GMNRRPILTI	192	>TP53-I255M GMNRRPILTI	2040	1848
>TP53-I255M GMNRRPILTI	102	>TP53-I255M GMNRRPILTI	552	450
>TP53-I255M RPILTIITL	104	>TP53-I255M RPILTIMTL	527	423
>TP53-I255M RPILTIITL	34	>TP53-I255M RPILTIMTL	24	10
>TP53-I255M RPILTIITL	391	>TP53-I255M RPILTIMTL	988	597
>TP53-I255M RPILTIITL	66	>TP53-I255M RPILTIMTL	81	15
>TP53-I255M RPILTIITL	89	>TP53-I255M RPILTIMTL	121	32
>TP53-I255M RRPILTII	220	>TP53-I255M RRPILTIM	129	91
>TP53-I255M RRPILTIITL	14	>TP53-I255M RRPILTIMTL	17	3
>TP53-I255M RRPILTIITL	492	>TP53-I255M RRPILTIMTL	825	333
>TP53-I255M RRPILTII	33	>TP53-I255M RRPILTIM	42	9
>TP53-I255M RRPILTIIT	86	>TP53-I255M RRPILTIMT	82	4
>TP53-I255M RRPILTIITL	16	>TP53-I255M RRPILTIMTL	15	1
>TP53-I255M RRPILTIITL	129	>TP53-I255M RRPILTIMTLE	171	42
>TP53-I255M RRPILTII	319	>TP53-I255M RRPILTIM	167	152
>TP53-I255M RRPILTIIT	329	>TP53-I255M RRPILTIMT	170	159
>TP53-I255M RRPILTIITL	14	>TP53-I255M RRPILTIMTL	13	1
>TP53-I255M RRPILTIITL	467	>TP53-I255M RRPILTIMTLE	658	191
>TP53-I255M NRRPILTIITL	710	>TP53-I255M NRRPILTIMTL	480	230
>TP53-I255M NRRPILTII	4591	>TP53-I255M NRRPILTIM	412	4179
>TP53-I255M NRRPILTII	281	>TP53-I255M NRRPILTIM	489	208
>TP53-I255M NRRPILTIITL	50	>TP53-I255M NRRPILTIMTL	54	4
>TP53-I255M NRRPILTII	224	>TP53-I255M NRRPILTIM	215	9
>TP53-I255M NRRPILTIITL	12	>TP53-I255M NRRPILTIMTL	17	5
>TP53-I255M MNRRPILTII	200	>TP53-I255M MNRRPILTIM	568	368
>TP53-I255M MNRRPILTII	821	>TP53-I255M MNRRPILTIM	279	542
>TP53-I255N ITLEDSSGNL	495	>TP53-I255N NTLEDSSGNL	1190	695
>TP53-I255N ITLEDSSGNL	471	>TP53-I255N NTLEDSSGNL	1043	572
>TP53-I255N ITLEDSSGNL	371	>TP53-I255N NTLEDSSGNL	943	572
>TP53-I255N ITLEDSSGNLL	270	>TP53-I255N NTLEDSSGNL	700	430
>TP53-I255N ITLEDSSGNL	302	>TP53-I255N NTLEDSSGNL	1750	1448
>TP53-I255N ITLEDSSGNLL	339	>TP53-I255N NTLEDSSGNL	2003	1664
>TP53-I255N ITLEDSSGNLL	1180	>TP53-I255N NTLEDSSGNL	489	691
>TP53-I255N ITLEDSSGNL	1595	>TP53-I255N NTLEDSSGNL	321	1274
>TP53-I255N ITLEDSSGNLL	3820	>TP53-I255N NTLEDSSGNL	380	3440
>TP53-I255N ITLEDSSGNL	137	>TP53-I255N NTLEDSSGNL	13	124
>TP53-I255N ITLEDSSGNLL	354	>TP53-I255N NTLEDSSGNL	28	326
>TP53-I255N ITLEDSSGNL	6	>TP53-I255N NTLEDSSGNL	204	198
>TP53-I255N ITLEDSSGNLL	18	>TP53-I255N NTLEDSSGNL	872	854

>TP53-I255N ITLEDSSGNLL	259	>TP53-I255N NTLEDSSGNL	3475	3216
>TP53-I255N ITLEDSSGNL	341	>TP53-I255N NTLEDSSGNL	1017	676
>TP53-I255N ITLEDSSGNLL	30	>TP53-I255N NTLEDSSGNL	349	319
>TP53-I255N GMNRRPILTI	168	>TP53-I255N GMNRRPILTI	12069	11901
>TP53-I255N GMNRRPILTI	13	>TP53-I255N GMNRRPILTI	8172	8159
>TP53-I255N GMNRRPILTI	93	>TP53-I255N GMNRRPILTI	14562	14469
>TP53-I255N GMNRRPILTI	53	>TP53-I255N GMNRRPILTI	21145	21092
>TP53-I255N GMNRRPILTI	192	>TP53-I255N GMNRRPILTI	19902	19710
>TP53-I255N GMNRRPILTI	102	>TP53-I255N GMNRRPILTI	16407	16305
>TP53-I255N RPILTIITL	104	>TP53-I255N RPILTINTL	1015	911
>TP53-I255N RPILTIITL	34	>TP53-I255N RPILTINTL	21	13
>TP53-I255N RPILTIITL	391	>TP53-I255N RPILTINTL	853	462
>TP53-I255N RPILTIITL	66	>TP53-I255N RPILTINTL	107	41
>TP53-I255N RPILTIITL	89	>TP53-I255N RPILTINTL	82	7
>TP53-I255N RRPILTIITL	220	>TP53-I255N RRPILTIN	2747	2527
>TP53-I255N RRPILTIITL	14	>TP53-I255N RRPILTINTL	18	4
>TP53-I255N RRPILTIITL	492	>TP53-I255N RRPILTINTL	752	260
>TP53-I255N RRPILTIITL	33	>TP53-I255N RRPILTIN	629	596
>TP53-I255N RRPILTIITL	86	>TP53-I255N RRPILTINTL	174	88
>TP53-I255N RRPILTIITL	16	>TP53-I255N RRPILTINTL	26	10
>TP53-I255N RRPILTIITL	129	>TP53-I255N RRPILTINTL	200	71
>TP53-I255N RRPILTIITL	319	>TP53-I255N RRPILTIN	5175	4856
>TP53-I255N RRPILTIITL	329	>TP53-I255N RRPILTINTL	351	22
>TP53-I255N RRPILTIITL	14	>TP53-I255N RRPILTINTL	24	10
>TP53-I255N RRPILTIITL	467	>TP53-I255N RRPILTINTL	845	378
>TP53-I255N NRRPILTIITL	281	>TP53-I255N NRRPILTIN	1489	1208
>TP53-I255N NRRPILTIITL	50	>TP53-I255N NRRPILTINTL	72	22
>TP53-I255N NRRPILTIITL	224	>TP53-I255N NRRPILTIN	4525	4301
>TP53-I255N NRRPILTIITL	12	>TP53-I255N NRRPILTINTL	15	3
>TP53-I255N MNRRPILTIITL	200	>TP53-I255N MNRRPILTIN	4951	4751
>TP53-I255S-ITLEDSSGNL	495	>TP53-I255S-STLEDSSGNL	475	20
>TP53-I255S-ITLEDSSGNL	471	>TP53-I255S-STLEDSSGNL	389	82
>TP53-I255S-ITLEDSSGNL	371	>TP53-I255S-STLEDSSGNL	297	74
>TP53-I255S-ITLEDSSGNLL	270	>TP53-I255S-STLEDSSGNLI	228	42
>TP53-I255S-ITLEDSSGNL	302	>TP53-I255S-STLEDSSGNL	271	31
>TP53-I255S-ITLEDSSGNLL	339	>TP53-I255S-STLEDSSGNLI	283	56
>TP53-I255S-ITLEDSSGNL	1829	>TP53-I255S-STLEDSSGNL	435	1394
>TP53-I255S-ITLEDSSGNLL	1648	>TP53-I255S-STLEDSSGNLI	374	1274
>TP53-I255S-ITLEDSSGNL	3298	>TP53-I255S-STLEDSSGNL	414	2884
>TP53-I255S-ITLEDSSGNL	1595	>TP53-I255S-STLEDSSGNL	463	1132
>TP53-I255S-ITLEDSSGNL	137	>TP53-I255S-STLEDSSGNL	20	117
>TP53-I255S-ITLEDSSGNLL	354	>TP53-I255S-STLEDSSGNLI	51	303
>TP53-I255S-ITLEDSSGNL	6	>TP53-I255S-STLEDSSGNL	15	9



>TP53-I255S-ITLEDSSGNLL	18	>TP53-I255S-STLEDSSGNLI	75	57
>TP53-I255S-ITLEDSSGNLL	259	>TP53-I255S-STLEDSSGNLI	334	75
>TP53-I255S-ITLEDSSGNL	341	>TP53-I255S-STLEDSSGNL	79	262
>TP53-I255S-ITLEDSSGNLL	30	>TP53-I255S-STLEDSSGNLI	36	6
>TP53-I255S-ITLEDSSGNLL	604	>TP53-I255S-STLEDSSGNLI	198	406
>TP53-I255S-IITLEDSSGNL	3765	>TP53-I255S-ISTLEDSSGNL	17	3748
>TP53-I255S-GMNRPPILTI	168	>TP53-I255S-GMNRPPILTI	4216	4048
>TP53-I255S-GMNRPPILTI	13	>TP53-I255S-GMNRPPILTI	877	864
>TP53-I255S-GMNRPPILTI	93	>TP53-I255S-GMNRPPILTI	7634	7541
>TP53-I255S-GMNRPPILTI	53	>TP53-I255S-GMNRPPILTI	13630	13577
>TP53-I255S-GMNRPPILTI	192	>TP53-I255S-GMNRPPILTI	13597	13405
>TP53-I255S-GMNRPPILTI	102	>TP53-I255S-GMNRPPILTI	6599	6497
>TP53-I255S-RPILTIITL	6617	>TP53-I255S-RPILTISTL	444	6173
>TP53-I255S-RPILTIITL	104	>TP53-I255S-RPILTISTL	367	263
>TP53-I255S-RPILTIIT	1023	>TP53-I255S-RPILTIST	250	773
>TP53-I255S-RPILTIITL	34	>TP53-I255S-RPILTISTL	17	17
>TP53-I255S-RPILTIITL	391	>TP53-I255S-RPILTISTL	626	235
>TP53-I255S-RPILTIITL	66	>TP53-I255S-RPILTISTL	148	82
>TP53-I255S-RPILTIITL	7692	>TP53-I255S-RPILTISTL	394	7298
>TP53-I255S-RPILTIITL	89	>TP53-I255S-RPILTISTL	119	30
>TP53-I255S-RRPILTIITL	921	>TP53-I255S-RRPILTISTL	490	431
>TP53-I255S-RRPILTII	220	>TP53-I255S-RRPILTIS	2000	1780
>TP53-I255S-RRPILTIITL	14	>TP53-I255S-RRPILTISTL	15	1
>TP53-I255S-RRPILTIITL	492	>TP53-I255S-RRPILTISTL	1211	719
>TP53-I255S-RRPILTII	33	>TP53-I255S-RRPILTIS	571	538
>TP53-I255S-RRPILTIIT	86	>TP53-I255S-RRPILTIST	171	85
>TP53-I255S-RRPILTIITL	16	>TP53-I255S-RRPILTISTL	25	9
>TP53-I255S-RRPILTIITL	129	>TP53-I255S-RRPILTISTLE	232	103
>TP53-I255S-RRPILTII	319	>TP53-I255S-RRPILTIS	4852	4533
>TP53-I255S-RRPILTIIT	329	>TP53-I255S-RRPILTIST	440	111
>TP53-I255S-RRPILTIITL	14	>TP53-I255S-RRPILTISTL	20	6
>TP53-I255S-RRPILTIITL	467	>TP53-I255S-RRPILTISTLE	948	481
>TP53-I255S-NRRPILTIITL	710	>TP53-I255S-NRRPILTISTL	440	270
>TP53-I255S-NRRPILTII	281	>TP53-I255S-NRRPILTIS	2681	2400
>TP53-I255S-NRRPILTIITL	50	>TP53-I255S-NRRPILTISTL	59	9
>TP53-I255S-NRRPILTII	224	>TP53-I255S-NRRPILTIS	5368	5144
>TP53-I255S-NRRPILTIITL	12	>TP53-I255S-NRRPILTISTL	12	0
>TP53-I255S-MNRRPILTII	200	>TP53-I255S-MNRRPILTIS	2083	1883
>TP53-I255T-ITLEDSSGNL	495	>TP53-I255T-TTLEDSSGNL	933	438
>TP53-I255T-ITLEDSSGNL	471	>TP53-I255T-TTLEDSSGNL	607	136
>TP53-I255T-ITLEDSSGNL	371	>TP53-I255T-TTLEDSSGNL	596	225
>TP53-I255T-ITLEDSSGNLL	270	>TP53-I255T-TTLEDSSGNLI	545	275
>TP53-I255T-ITLEDSSGNL	302	>TP53-I255T-TTLEDSSGNL	1361	1059

>TP53-I255T·ITLEDSSGNLL	339	>TP53-I255T·TTLEDSSGNLL	1430	1091
>TP53-I255T·ITLEDSSGNL	3298	>TP53-I255T·TTLEDSSGNL	388	2910
>TP53-I255T·ITLEDSSGNLL	1180	>TP53-I255T·TTLEDSSGNLL	372	808
>TP53-I255T·ITLEDSSGNL	1595	>TP53-I255T·TTLEDSSGNL	376	1219
>TP53-I255T·ITLEDSSGNLL	3820	>TP53-I255T·TTLEDSSGNLL	238	3582
>TP53-I255T·ITLEDSSGNL	137	>TP53-I255T·TTLEDSSGNL	15	122
>TP53-I255T·ITLEDSSGNLL	354	>TP53-I255T·TTLEDSSGNLL	35	319
>TP53-I255T·ITLEDSSGNL	6	>TP53-I255T·TTLEDSSGNL	23	17
>TP53-I255T·ITLEDSSGNLL	18	>TP53-I255T·TTLEDSSGNLL	112	94
>TP53-I255T·ITLEDSSGNLL	259	>TP53-I255T·TTLEDSSGNLL	384	125
>TP53-I255T·ITLEDSSGNL	341	>TP53-I255T·TTLEDSSGNL	246	95
>TP53-I255T·ITLEDSSGNLL	30	>TP53-I255T·TTLEDSSGNLL	103	73
>TP53-I255T·IITLEDSSGNL	3765	>TP53-I255T·ITTLEDSSGNL	13	3752
>TP53-I255T·IITLEDSSGNL	14793	>TP53-I255T·ITTLEDSSGNL	209	14584
>TP53-I255T·IITLEDSSGNL	7350	>TP53-I255T·ITTLEDSSGNL	270	7080
>TP53-I255T·GMNRRPILTI	168	>TP53-I255T·GMNRRPILTI	2069	1901
>TP53-I255T·GMNRRPILTI	13	>TP53-I255T·GMNRRPILTI	137	124
>TP53-I255T·GMNRRPILTI	93	>TP53-I255T·GMNRRPILTI	2344	2251
>TP53-I255T·GMNRRPILTI	53	>TP53-I255T·GMNRRPILTI	5645	5592
>TP53-I255T·GMNRRPILTI	192	>TP53-I255T·GMNRRPILTI	4635	4443
>TP53-I255T·GMNRRPILTI	102	>TP53-I255T·GMNRRPILTI	826	724
>TP53-I255T·RPILTIITL	104	>TP53-I255T·RPILTITTL	249	145
>TP53-I255T·RPILTIITL	34	>TP53-I255T·RPILTITTL	18	16
>TP53-I255T·RPILTIITL	391	>TP53-I255T·RPILTITTL	570	179
>TP53-I255T·RPILTIITL	66	>TP53-I255T·RPILTITTL	241	175
>TP53-I255T·RPILTIITL	89	>TP53-I255T·RPILTITTL	126	37
>TP53-I255T·RRPILTII	220	>TP53-I255T·RRPILTIT	2326	2106
>TP53-I255T·RRPILTIITL	14	>TP53-I255T·RRPILTITTL	14	0
>TP53-I255T·RRPILTIITL	492	>TP53-I255T·RRPILTITTL	1200	708
>TP53-I255T·RRPILTII	33	>TP53-I255T·RRPILTIT	135	102
>TP53-I255T·RRPILTIIT	86	>TP53-I255T·RRPILTITT	69	17
>TP53-I255T·RRPILTIITL	16	>TP53-I255T·RRPILTITTL	16	0
>TP53-I255T·RRPILTIITL	129	>TP53-I255T·RRPILTITLLE	139	10
>TP53-I255T·RRPILTII	319	>TP53-I255T·RRPILTIT	1392	1073
>TP53-I255T·RRPILTIIT	329	>TP53-I255T·RRPILTITT	201	128
>TP53-I255T·RRPILTIITL	14	>TP53-I255T·RRPILTITTL	15	1
>TP53-I255T·RRPILTIITL	467	>TP53-I255T·RRPILTITLLE	562	95
>TP53-I255T·NRRPILTII	281	>TP53-I255T·NRRPILTIT	1579	1298
>TP53-I255T·NRRPILTIITL	50	>TP53-I255T·NRRPILTITTL	58	8
>TP53-I255T·NRRPILTII	224	>TP53-I255T·NRRPILTIT	6325	6101
>TP53-I255T·NRRPILTIITL	12	>TP53-I255T·NRRPILTITTL	18	6
>TP53-I255T·MNRRPILTII	200	>TP53-I255T·MNRRPILTIT	3526	3326
>TP53-I255V·ITLEDSSGNL	495	>TP53-I255V·VTLEDSSGNL	1313	818

>TP53-I255V·ITLEDSSGNL	471	>TP53-I255V·VTLEDSSGNL	1310	839
>TP53-I255V·ITLEDSSGNL	371	>TP53-I255V·VTLEDSSGNL	926	555
>TP53-I255V·ITLEDSSGNLL	270	>TP53-I255V·VTLEDSSGNL	337	67
>TP53-I255V·ITLEDSSGNL	302	>TP53-I255V·VTLEDSSGNL	257	45
>TP53-I255V·ITLEDSSGNLL	339	>TP53-I255V·VTLEDSSGNL	288	51
>TP53-I255V·ITLEDSSGNL	137	>TP53-I255V·VTLEDSSGNL	167	30
>TP53-I255V·ITLEDSSGNLL	354	>TP53-I255V·VTLEDSSGNL	432	78
>TP53-I255V·ITLEDSSGNL	6	>TP53-I255V·VTLEDSSGNL	9	3
>TP53-I255V·ITLEDSSGNLL	18	>TP53-I255V·VTLEDSSGNL	30	12
>TP53-I255V·ITLEDSSGNLL	259	>TP53-I255V·VTLEDSSGNL	264	5
>TP53-I255V·ITLEDSSGNL	341	>TP53-I255V·VTLEDSSGNL	164	177
>TP53-I255V·ITLEDSSGNLL	30	>TP53-I255V·VTLEDSSGNL	53	23
>TP53-I255V·GMNRRPILTI	755	>TP53-I255V·GMNRRPILTI'	148	607
>TP53-I255V·GMNRRPILTI	168	>TP53-I255V·GMNRRPILTI'	50	118
>TP53-I255V·GMNRRPILTI	13	>TP53-I255V·GMNRRPILTI'	4	9
>TP53-I255V·GMNRRPILTI	2592	>TP53-I255V·GMNRRPILTI'	445	2147
>TP53-I255V·GMNRRPILTI	93	>TP53-I255V·GMNRRPILTI'	9	84
>TP53-I255V·GMNRRPILTI	53	>TP53-I255V·GMNRRPILTI'	8	45
>TP53-I255V·GMNRRPILTI	192	>TP53-I255V·GMNRRPILTI'	12	180
>TP53-I255V·GMNRRPILTI	3605	>TP53-I255V·GMNRRPILTI'	182	3423
>TP53-I255V·GMNRRPILTI	102	>TP53-I255V·GMNRRPILTI'	6	96
>TP53-I255V·PILTIITL	1347	>TP53-I255V·PILTIVTL	435	912
>TP53-I255V·RPILTIITL	104	>TP53-I255V·RPILTIVTL	152	48
>TP53-I255V·RPILTIIT	1023	>TP53-I255V·RPILTIVT	471	552
>TP53-I255V·RPILTIITL	34	>TP53-I255V·RPILTIVTL	30	4
>TP53-I255V·RPILTIITL	391	>TP53-I255V·RPILTIVTL	492	101
>TP53-I255V·RPILTIITL	66	>TP53-I255V·RPILTIVTL	66	0
>TP53-I255V·RPILTIITL	89	>TP53-I255V·RPILTIVTL	53	36
>TP53-I255V·RPILTIITL	671	>TP53-I255V·RPILTIVTL	357	314
>TP53-I255V·RRPILTII	220	>TP53-I255V·RRPILTIV	493	273
>TP53-I255V·RRPILTIITL	14	>TP53-I255V·RRPILTIVTL	17	3
>TP53-I255V·RRPILTIITL	492	>TP53-I255V·RRPILTIVTL	855	363
>TP53-I255V·RRPILTII	33	>TP53-I255V·RRPILTIV	56	23
>TP53-I255V·RRPILTIIT	86	>TP53-I255V·RRPILTIVT	85	1
>TP53-I255V·RRPILTIITL	16	>TP53-I255V·RRPILTIVTL	22	6
>TP53-I255V·RRPILTIITL	129	>TP53-I255V·RRPILTIVTLE	155	26
>TP53-I255V·RRPILTII	319	>TP53-I255V·RRPILTIV	592	273
>TP53-I255V·RRPILTIIT	329	>TP53-I255V·RRPILTIVT	352	23
>TP53-I255V·RRPILTIITL	14	>TP53-I255V·RRPILTIVTL	16	2
>TP53-I255V·RRPILTIITL	467	>TP53-I255V·RRPILTIVTLE	563	96
>TP53-I255V·NRRPILTIITL	710	>TP53-I255V·NRRPILTIVTL	491	219
>TP53-I255V·NRRPILTII	281	>TP53-I255V·NRRPILTIV	462	181
>TP53-I255V·NRRPILTIITL	50	>TP53-I255V·NRRPILTIVTL	57	7

>TP53-I255V·NRRPILTI	224	>TP53-I255V·NRRPILTIV	388	164
>TP53-I255V·NRRPILTIITL	12	>TP53-I255V·NRRPILTIVTL	14	2
>TP53-I255V·MNRRPILTI	200	>TP53-I255V·MNRRPILTIV	348	148
>TP53-I332V·IRGRERFEMF	126	>TP53-I332V·VRGRERFEM	268	142
>TP53-I332V·IRGRERFEMF	187	>TP53-I332V·VRGRERFEM	509	322
>TP53-I332V·QIRGRERFEM	435	>TP53-I332V·QVRGRERFEM	130	305
>TP53-I332V·QIRGRERF	1423	>TP53-I332V·QVRGRERF	328	1095
>TP53-I332V·QIRGRERFEM	524	>TP53-I332V·QVRGRERFEM	410	114
>TP53-I332V·QIRGRERFEM	628	>TP53-I332V·QVRGRERFEM	161	467
>TP53-I332V·PLDGEYFTLQ	1235	>TP53-I332V·PLDGEYFTLQ	308	927
>TP53-I332V·PLDGEYFTLQ	68	>TP53-I332V·PLDGEYFTLQ	8	60
>TP53-I332V·PLDGEYFTLQ	2258	>TP53-I332V·PLDGEYFTLQ	376	1882
>TP53-I332V·PLDGEYFTLQ	140	>TP53-I332V·PLDGEYFTLQ	11	129
>TP53-I332V·PLDGEYFTLQ	158	>TP53-I332V·PLDGEYFTLQ	8	150
>TP53-I332V·PLDGEYFTLQ	111	>TP53-I332V·PLDGEYFTLQ	5	106
>TP53-I332V·LQIRGRERFEI	192	>TP53-I332V·LQVRGRERFE	309	117
>TP53-I332V·LQIRGRER	138	>TP53-I332V·LQVRGRER	240	102
>TP53-I332V·LQIRGRERF	54	>TP53-I332V·LQVRGRERF	78	24
>TP53-I332V·LQIRGRERFEI	105	>TP53-I332V·LQVRGRERFE	195	90
>TP53-I332V·LQIRGRER	495	>TP53-I332V·LQVRGRER	733	238
>TP53-I332V·LQIRGRERF	12	>TP53-I332V·LQVRGRERF	15	3
>TP53-I332V·LQIRGRERFEI	34	>TP53-I332V·LQVRGRERFE	48	14
>TP53-I332V·TLQIRGRER	238	>TP53-I332V·TLQVRGRER	194	44
>TP53-I332V·TLQIRGRERF	517	>TP53-I332V·TLQVRGRERF	327	190
>TP53-I332V·FTLQIRGRERI	169	>TP53-I332V·FTLQVRGRER	133	36
>TP53-I332V·FTLQIRGRERI	289	>TP53-I332V·FTLQVRGRER	329	40
>TP53-I332V·FTLQIRGRER	50	>TP53-I332V·FTLQVRGRER	67	17
>TP53-I332V·FTLQIRGR	174	>TP53-I332V·FTLQVRGR	221	47
>TP53-I332V·FTLQIRGRER	431	>TP53-I332V·FTLQVRGRER	328	103
>TP53-I332V·FTLQIRGR	25	>TP53-I332V·FTLQVRGR	30	5
>TP53-I332V·FTLQIRGRER	86	>TP53-I332V·FTLQVRGRER	62	24
>TP53-I332V·FTLQIRGRERI	8	>TP53-I332V·FTLQVRGRER	10	2
>TP53-I332V·FTLQIRGRERI	289	>TP53-I332V·FTLQVRGRER	117	172
>TP53-I332V·FTLQIRGRERI	8	>TP53-I332V·FTLQVRGRER	9	1
>TP53-I332V·FTLQIRGR	422	>TP53-I332V·FTLQVRGR	911	489
>TP53-I332V·YFTLQIRGREF	337	>TP53-I332V·YFTLQVRGRE	456	119
>TP53-I332V·YFTLQIRGR	129	>TP53-I332V·YFTLQVRGR	302	173
>TP53-I332V·YFTLQIRGREF	126	>TP53-I332V·YFTLQVRGRE	177	51
>TP53-I332V·YFTLQIRGR	152	>TP53-I332V·YFTLQVRGR	226	74
>TP53-I332V·EYFTLQIR	335	>TP53-I332V·EYFTLQVR	241	94
>TP53-I332V·EYFTLQIRGR	546	>TP53-I332V·EYFTLQVRGR	452	94
>TP53-I332V·EYFTLQIR	31	>TP53-I332V·EYFTLQVR	24	7
>TP53-I332V·EYFTLQIRGR	315	>TP53-I332V·EYFTLQVRGR	339	24

>TP53-I332V·EYFTLQIR	26	>TP53-I332V·EYFTLQVR	25	1
>TP53-I332V·EYFTLQIR	19	>TP53-I332V·EYFTLQVR	19	0
>TP53-I332V·EYFTLQIRGR	20	>TP53-I332V·EYFTLQVRGR	22	2
>TP53-I332V·GEYFTLQI	102	>TP53-I332V·GEYFTLQV	362	260
>TP53-I332V·GEYFTLQI	44	>TP53-I332V·GEYFTLQV	93	49
>TP53-I332V·GEYFTLQI	43	>TP53-I332V·GEYFTLQV	59	16
>TP53-I332V·GEYFTLQI	807	>TP53-I332V·GEYFTLQV	191	616
>TP53-I332V·GEYFTLQI	11	>TP53-I332V·GEYFTLQV	57	46
>TP53-I332V·GEYFTLQIR	190	>TP53-I332V·GEYFTLQVR	335	145
>TP53-I332V·LDGEYFTLQI	87	>TP53-I332V·LDGEYFTLQV	768	681
>TP53-I332V·LDGEYFTLQI	94	>TP53-I332V·LDGEYFTLQV	179	85
>TP53-K101M·KTYQGSYGFR	220	>TP53-K101M·NTYQGSYGFF	799	579
>TP53-K101M·KTYQGSYGFR	169	>TP53-K101M·NTYQGSYGFF	1924	1755
>TP53-K101M·KTYQGSYGFR	260	>TP53-K101M·NTYQGSYGFF	571	311
>TP53-K101M·KTYQGSYGF	391	>TP53-K101M·NTYQGSYGF	2308	1917
>TP53-K101M·KTYQGSYGFR	77	>TP53-K101M·NTYQGSYGFF	541	464
>TP53-K101M·KTYQGSYGFR	23	>TP53-K101M·NTYQGSYGFF	199	176
>TP53-K101M·KTYQGSYGFR	175	>TP53-K101M·NTYQGSYGFF	2466	2291
>TP53-K101M·KTYQGSYGFR	50	>TP53-K101M·NTYQGSYGFF	295	245
>TP53-K101M·KTYQGSYGFR	57	>TP53-K101M·NTYQGSYGFF	133	76
>TP53-K101M·KTYQGSYGF	8482	>TP53-K101M·NTYQGSYGF	164	8318
>TP53-K101M·KTYQGSYGF	481	>TP53-K101M·NTYQGSYGF	118	363
>TP53-K101M·KTYQGSYGF	192	>TP53-K101M·NTYQGSYGF	69	123
>TP53-K101M·KTYQGSYGF	294	>TP53-K101M·NTYQGSYGF	276	18
>TP53-K101M·KTYQGSYGFR	96	>TP53-K101M·NTYQGSYGFF	9368	9272
>TP53-K101M·KTYQGSYGF	325	>TP53-K101M·NTYQGSYGF	3387	3062
>TP53-K101M·KTYQGSYGFR	10	>TP53-K101M·NTYQGSYGFF	64	54
>TP53-K101M·KTYQGSYGF	4	>TP53-K101M·NTYQGSYGF	65	61
>TP53-K101M·KTYQGSYGFR	21	>TP53-K101M·NTYQGSYGFF	1330	1309
>TP53-K101M·KTYQGSYGFR	407	>TP53-K101M·NTYQGSYGFF	57	350
>TP53-K101M·KTYQGSYGFR	57	>TP53-K101M·NTYQGSYGFF	5	52
>TP53-K101M·KTYQGSYGFR	3483	>TP53-K101M·NTYQGSYGFF	46	3437
>TP53-K101M·KTYQGSYGFR	402	>TP53-K101M·NTYQGSYGFF	15	387
>TP53-K101M·KTYQGSYGF	55	>TP53-K101M·NTYQGSYGF	118	63
>TP53-K101M·KTYQGSYGF	819	>TP53-K101M·NTYQGSYGF	127	692
>TP53-K101M·KTYQGSYGF	36	>TP53-K101M·NTYQGSYGF	399	363
>TP53-K101M·KTYQGSYGF	249	>TP53-K101M·NTYQGSYG	8704	8455
>TP53-K101M·KTYQGSYGF	2	>TP53-K101M·NTYQGSYGF	4	2
>TP53-K101M·KTYQGSYGFR	465	>TP53-K101M·NTYQGSYGFF	10727	10262
>TP53-K101M·KTYQGSYGFR	3	>TP53-K101M·NTYQGSYGFF	12	9
>TP53-K101M·KTYQGSYGF	1932	>TP53-K101M·NTYQGSYGF	219	1713
>TP53-K101M·KTYQGSYGF	101	>TP53-K101M·NTYQGSYGF	4912	4811
>TP53-K101M·KTYQGSYGFR	439	>TP53-K101M·NTYQGSYGFF	13299	12860

>TP53-K101M KTYQGSYGF	15	>TP53-K101M NTYQGSYGF	2087	2072
>TP53-K101M KTYQGSYGFR	35	>TP53-K101M NTYQGSYGFF	9520	9485
>TP53-K101M KTYQGSYGF	151	>TP53-K101M NTYQGSYGF	1251	1100
>TP53-K101M KTYQGSYGF	25	>TP53-K101M NTYQGSYGF	202	177
>TP53-K101M KTYQGSYGFR	28	>TP53-K101M NTYQGSYGFF	233	205
>TP53-K101M KTYQGSYGFR	345	>TP53-K101M NTYQGSYGFF	5035	4690
>TP53-K101M KTYQGSYGFR	370	>TP53-K101M NTYQGSYGFF	747	377
>TP53-K101M KTYQGSYGF	25	>TP53-K101M NTYQGSYGF	131	106
>TP53-K101M KTYQGSYGFR	43	>TP53-K101M NTYQGSYGFF	206	163
>TP53-K101M QKTYQGSY	308	>TP53-K101M QNTYQGSY	310	2
>TP53-K101M QKTYQGSYGI	814	>TP53-K101M QNTYQGSYG	182	632
>TP53-K101M QKTYQGSY	40	>TP53-K101M QNTYQGSY	2161	2121
>TP53-K101M QKTYQGSYGI	10	>TP53-K101M QNTYQGSYG	805	795
>TP53-K101M SQKTYQGSY	15	>TP53-K101M SQNTYQGSY	9	6
>TP53-K101M SQKTYQGSY	38	>TP53-K101M SQNTYQGSY	42	4
>TP53-K101M SQKTYQGSY	36	>TP53-K101M SQNTYQGSY	44	8
>TP53-K101M SQKTYQGSY	198	>TP53-K101M SQNTYQGSY	320	122
>TP53-K101M SQKTYQGSY	268	>TP53-K101M SQNTYQGSY	494	226
>TP53-K101M SQKTYQGSY	19	>TP53-K101M SQNTYQGSY	24	5
>TP53-K101M SQKTYQGSY	9	>TP53-K101M SQNTYQGSY	10	1
>TP53-K101M PSQKTYQGSY	513	>TP53-K101M PSQNTYQGSY	281	232
>TP53-K101M PSQKTYQGSY	71	>TP53-K101M PSQNTYQGSY	69	2
>TP53-K101M PSQKTYQGSY	228	>TP53-K101M PSQNTYQGSY	151	77
>TP53-K101M VPSQKTYQGSY	92	>TP53-K101M VPSQNTYQGSY	57	35
>TP53-K101M VPSQKTYQGSY	19	>TP53-K101M VPSQNTYQGSY	14	5
>TP53-K101M VPSQKTYQGSY	254	>TP53-K101M VPSQNTYQGSY	178	76
>TP53-K101M VPSQKTYQGSY	15	>TP53-K101M VPSQNTYQGSY	22	7
>TP53-K101M SVPSQKTY	183	>TP53-K101M SVPSQNTY	83	100
>TP53-K101M SVPSQKTY	1228	>TP53-K101M SVPSQNTY	420	808
>TP53-K101M SVPSQKTY	442	>TP53-K101M SVPSQNTY	115	327
>TP53-K101M SSVPSQKTY	1152	>TP53-K101M SSVPSQNTY	343	809
>TP53-K101M SSVPSQKTY	122	>TP53-K101M SSVPSQNTY	69	53
>TP53-K101M SSVPSQKTY	963	>TP53-K101M SSVPSQNTY	307	656
>TP53-K101M SSVPSQKTY	146	>TP53-K101M SSVPSQNTY	23	123
>TP53-K101M SSVPSQKTY	227	>TP53-K101M SSVPSQNTY	133	94
>TP53-K101M SSVPSQKTY	40	>TP53-K101M SSVPSQNTY	44	4
>TP53-K101M SSVPSQKTY	2	>TP53-K101M SSVPSQNTY	3	1
>TP53-K101M SSVPSQKTY	1268	>TP53-K101M SSVPSQNTY	369	899
>TP53-K101M SSVPSQKTY	119	>TP53-K101M SSVPSQNTY	278	159
>TP53-K101M SSVPSQKTY	195	>TP53-K101M SSVPSQNTY	60	135
>TP53-K101M SSVPSQKTY	23	>TP53-K101M SSVPSQNTY	11	12
>TP53-K101M SSVPSQKTY	188	>TP53-K101M SSVPSQNTY	80	108
>TP53-K101M SSSVPSQKTY	415	>TP53-K101M SSSVPSQNTY	265	150

>TP53-K101MSSSVPSQK	230	>TP53-K101MSSSVPSQN	21120	20890
>TP53-K101MSSSVPSQK	20	>TP53-K101MSSSVPSQN	18434	18414
>TP53-K101MSSSVPSQKTY	514	>TP53-K101MSSSVPSQNTY	238	276
>TP53-K101MSSSVPSQK	223	>TP53-K101MSSSVPSQN	14676	14453
>TP53-K101MSSSVPSQKTY	105	>TP53-K101MSSSVPSQNTY	47	58
>TP53-K101MSSSVPSQK	226	>TP53-K101MSSSVPSQN	20095	19869
>TP53-K101MSSSVPSQKTY	317	>TP53-K101MSSSVPSQNTY	188	129
>TP53-K101MSSSVPSQKTY	112	>TP53-K101MSSSVPSQNTY	94	18
>TP53-K101MSSSVPSQKTY	4	>TP53-K101MSSSVPSQNTY	7	3
>TP53-K101MSSSVPSQKTY	27	>TP53-K101MSSSVPSQNTY	21	6
>TP53-K101MSSSVPSQKTY	457	>TP53-K101MSSSVPSQNTY	300	157
>TP53-K101MSSSVPSQK	286	>TP53-K101MSSSVPSQN	9221	8935
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>TP53-K120M RLGFLHSGTA	5036	>TP53-K120M RLGFLHSGTA	367	4669
>TP53-K120M RLGFLHSGTA	19002	>TP53-K120M RLGFLHSGTA	325	18677
>TP53-K120M TAKSVTCTY	5937	>TP53-K120M TAMSVTCTY	110	5827
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>TP53-K120M TAKSVTCTY	247	>TP53-K120M TAMSVTCTY	41	206
>TP53-K120M TAKSVTCTY	78	>TP53-K120M TAMSVTCTY	72	6
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>TP53-K120M TAKSVTCTY	265	>TP53-K120M TAMSVTCTY	60	205
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>TP53-K120M GTAKSVTCTY	682	>TP53-K120M GTAMSVTCT	294	388
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>TP53-K120M GTAKSVTCTY	71	>TP53-K120M GTAMSVTCT	60	11
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>TP53-K120M GTAKSVTCTY	296	>TP53-K120M GTAMSVTCT	276	20
>TP53-K120M GTAKSVTCTY	39	>TP53-K120M GTAMSVTCT	33	6
>TP53-K120M GTAKSVTCTY	143	>TP53-K120M GTAMSVTCT	434	291
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>TP53-K120M SGTAKSVTCT	585	>TP53-K120M SGTAMSVTC	156	429
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>TP53-K120M SGTAKSVTCT	374	>TP53-K120M SGTAMSVTC	243	131
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>TP53-K120M LHSGTAKSV	884	>TP53-K120M LHSGTAMSV	73	811
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>TP53-K120M FLHSGTAKS	179	>TP53-K120M FLHSGTAMS	113	66
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>TP53-K120M FLHSGTAKSV	413	>TP53-K120M FLHSGTAMS\	81	332
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>TP53-K120M FLHSGTAKSV	27	>TP53-K120M FLHSGTAMS\	6	21
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>TP53-K120M FLHSGTAKSV	1820	>TP53-K120M FLHSGTAMS\	166	1654
>TP53-K120M FLHSGTAKSV	815	>TP53-K120M FLHSGTAMS\	99	716
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>TP53-K120M FLHSGTAKSV	283	>TP53-K120M FLHSGTAMS\	310	27
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>TP53-K120M FLHSGTAKSV	261	>TP53-K120M FLHSGTAMS\	135	126
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>TP53-K120M GFLHSGTAK	15424	>TP53-K120M GFLHSGTAM	490	14934
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>TP53-K120M KSVTCTYSPA	396	>TP53-K120M NSVTCTYSPA	1887	1491
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>TP53-K120M KSVTCTYSPA	488	>TP53-K120M NSVTCTYSPA	13606	13118
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>TP53-K120M HSGTAKSV	3331	>TP53-K120M HSGTANSV	423	2908
>TP53-K120M LHSGTAKSV	884	>TP53-K120M LHSGTANSV	94	790
>TP53-K120M FLHSGTAKSV	122	>TP53-K120M FLHSGTANSV	35	87
>TP53-K120M FLHSGTAKS	179	>TP53-K120M FLHSGTANS	90	89
>TP53-K120M FLHSGTAKSV	13	>TP53-K120M FLHSGTANSV	7	6
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>TP53-K120M FLHSGTAKS	26	>TP53-K120M FLHSGTANS	13	13
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>TP53-K120M FLHSGTAKSV	27	>TP53-K120M FLHSGTANSV	13	14
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>TP53-K120M FLHSGTAKSV	261	>TP53-K120M FLHSGTANSV	220	41
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>TP53-K120C KSVTCTYSPA	488	>TP53-K120C QSVTCTYSPA	7384	6896
>TP53-K120C KSVTCTYSPA	107	>TP53-K120C QSVTCTYSPA	1020	913
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>TP53-K120C KSVTCTYSPA	6	>TP53-K120C QSVTCTYSPA	29	23
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>TP53-K120C KSVTCTYSPA	113	>TP53-K120C QSVTCTYSPA	5751	5638
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>TP53-K120C AKSVTCTYSP,	9860	>TP53-K120C AQSVTCTYSP	184	9676
>TP53-K120C AKSVTCTYSP,	13019	>TP53-K120C AQSVTCTYSP	80	12939
>TP53-K120C AKSVTCTY	888	>TP53-K120C AQSVTCTY	149	739
>TP53-K120C AKSVTCTY	2810	>TP53-K120C AQSVTCTY	42	2768
>TP53-K120C AKSVTCTYSP,	16209	>TP53-K120C AQSVTCTYSP	198	16011
>TP53-K120C AKSVTCTY	8	>TP53-K120C AQSVTCTY	8	0
>TP53-K120C AKSVTCTYSP	483	>TP53-K120C AQSVTCTYSP	558	75
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>TP53-K120C RLGFLHSGTA	43	>TP53-K120C RLGFLHSGTA	12608	12565
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>TP53-K120C RLGFLHSGTA	384	>TP53-K120C RLGFLHSGTA	11075	10691
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>TP53-K120C TAKSVTCTY	312	>TP53-K120C TAQSVTCTY	263	49
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>TP53-K120C TAKSVTCTY	100	>TP53-K120C TAQSVTCTY	39	61
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>TP53-K120C TAKSVTCTY	336	>TP53-K120C TAQSVTCTY	449	113
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>TP53-K120C GTAKSVTCTY	466	>TP53-K120C GTAQSVTCTY	282	184
>TP53-K120C GTAKSVTCTY	518	>TP53-K120C GTAQSVTCTY	328	190
>TP53-K120C GTAKSVTCTY	521	>TP53-K120C GTAQSVTCTY	262	259
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>TP53-K120C GTAKSVTCTY	71	>TP53-K120C GTAQSVTCTY	57	14
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>TP53-K120C GTAKSVTCTY	8	>TP53-K120C GTAQSVTCTY	7	1
>TP53-K120C GTAKSVTCTY	296	>TP53-K120C GTAQSVTCTY	167	129
>TP53-K120C GTAKSVTCTY	39	>TP53-K120C GTAQSVTCTY	38	1
>TP53-K120C GTAKSVTCTY	143	>TP53-K120C GTAQSVTCTY	212	69



>TP53-K120C SGTAKSVTCT	585	>TP53-K120C SGTAQSVTCT	178	407
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>TP53-K120C LHS GTAKSV	884	>TP53-K120C LHS GTAQSV	183	701
>TP53-K120C FLHSGTAKSV	122	>TP53-K120C FLHSGT AQSV	39	83
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>TP53-K120C FLHSGTAKS	179	>TP53-K120C FLHSGT AQ S	115	64
>TP53-K120C FLHSGTAKSV	13	>TP53-K120C FLHSGT AQ SV	8	5
>TP53-K120C FLHSGTAKSV	413	>TP53-K120C FLHSGT AQ SV	138	275
>TP53-K120C FLHSGTAK	837	>TP53-K120C FLHSGT AQ	163	674
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>TP53-K120C FLHSGTAKSV	11	>TP53-K120C FLHSGT AQ SV	10	1
>TP53-K120C FLHSGTAKSV	27	>TP53-K120C FLHSGT AQ SV	12	15
>TP53-K120C FLHSGTAKSV	504	>TP53-K120C FLHSGT AQ SV	242	262
>TP53-K120C FLHSGTAK	1218	>TP53-K120C FLHSGT AQ	291	927
>TP53-K120C FLHSGTAKS	188	>TP53-K120C FLHSGT AQ S	79	109
>TP53-K120C FLHSGTAKSV	2	>TP53-K120C FLHSGT AQ SV	1	1
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>TP53-K120C FLHSGTAKSV	7	>TP53-K120C FLHSGT AQ SV	3	4
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>TP53-K120C FLHSGTAKS	31	>TP53-K120C FLHSGT AQ S	13	18
>TP53-K120C FLHSGTAKSV	2	>TP53-K120C FLHSGT AQ SV	1	1
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>TP53-K120C FLHSGTAK	114	>TP53-K120C FLHSGT AQ	18344	18230
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>TP53-K120F KSVTCTYSPA	488	>TP53-K120F RSVTCTYSPA	448	40
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>TP53-K120F KSVTCTYSPA	669	>TP53-K120F RSVTCTYSPA	320	349
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>TP53-K120F KSVTCTYSPA	198	>TP53-K120F RSVTCTYSPA	146	52
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>TP53-K120F AKSVTCTYSP,	56	>TP53-K120F ARSVTCTYSP,	249	193
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>TP53-K292E RKKGEPHHEL	62	>TP53-K292E RKRGEPPHHEL	31	31
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>TP53-K292E RTEEENLRKK	174	>TP53-K292E RTEEENLRKR	7581	7407
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>TP53-K370C KSKKGQST	105	>TP53-K370C QSKKGQST	4268	4163
>TP53-K370C KSKKGQSTS	47	>TP53-K370C QSKKGQSTS	2439	2392
>TP53-K370C KSKKGQSTSR	18	>TP53-K370C QSKKGQSTSF	919	901
>TP53-K370C KSKKGQSTSR	313	>TP53-K370C QSKKGQSTSF	6538	6225
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>TP53-K370C KSKKGQSTSR	32	>TP53-K370C QSKKGQSTSF	66	34
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>TP53-K370C SSHLKSJK	601	>TP53-K370C SSHLQSKK	459	142
>TP53-K370C SSHLKSJK	63	>TP53-K370C SSHLQSKK	40	23
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>TP53-K370C HSSHLKSJK	234	>TP53-K370C HSSHLQSKK	143	91
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>TP53-K370C HSSHLKSJK	172	>TP53-K370C HSSHLQSKK	72	100
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>TP53-K370C RAHSSHLK	80	>TP53-K370C RAHSSHLQ	15895	15815
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>TP53-L111N RLGFLHSGTA	43	>TP53-L111N RMGFLHSGTAK	39	4
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>TP53-L111N TYQGSYGFRL	141	>TP53-L111N TYQGSYFRM	423	282
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>TP53-L111P RLGFLHSGTA	43	>TP53-L111P RLGFLHSGTA	9215	9172
>TP53-L111P RLGFLHSGTA	125	>TP53-L111P RLGFLHSGTA	10181	10056
>TP53-L111P RLGFLHSGTA	384	>TP53-L111P RLGFLHSGTA	13598	13214
>TP53-L111P RLGFLHSGTA	262	>TP53-L111P RLGFLHSGTA	8824	8562
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>TP53-L111P KTYQGSYGFR	21	>TP53-L111P KTYQGSYGFR	1029	1008
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>TP53-L111P FRLGFLHSGT	174	>TP53-L111P FRLGFLHSGT	2212	2038
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>TP53-L111P YGFRPGFLH	89	>TP53-L111P YGFRPGFLH	84	5
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>TP53-L111P SYGFRPGF	356	>TP53-L111P SYGFRPGF	370	14
>TP53-L111P SYGFRPGF	232	>TP53-L111P SYGFRPGF	266	34
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>TP53-L111P YQGSYGFRL	32	>TP53-L111P YQGSYGFRL	8839	8807
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>TP53-L111C RLGFLHSGTA	43	>TP53-L111C RQGFLHSGT/	253	210
>TP53-L111C RLGFLHSGTA	125	>TP53-L111C RQGFLHSGT/	124	1
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>TP53-L111C RLGFLHSGTA	262	>TP53-L111C RQGFLHSGT/	202	60
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>TP53-L130F VTCTYSPAL	4897	>TP53-L130F VTCTYSPAF	380	4517
>TP53-L130F VTCTYSPAL	66	>TP53-L130F VTCTYSPAF	133	67
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>TP53-L130F SVTCTYSPAL	268	>TP53-L130F SVTCTYSPAF	12188	11920
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>TP53-L130F SVTCTYSPAL	149	>TP53-L130F SVTCTYSPAF	8733	8584
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>TP53-L130H LNKMFQQLA	161	>TP53-L130H HNKMFQQLA	22	139
>TP53-L130H LNKMFQQL	153	>TP53-L130H HNKMFQQL	246	93
>TP53-L130H ALNKMFQQL	238	>TP53-L130H AHNKMFQQL	24031	23793
>TP53-L130H ALNKMFQQL	17	>TP53-L130H AHNKMFQQL	11881	11864
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>TP53-L130H ALNKMFQQL	442	>TP53-L130H AHNKMFQQL	24044	23602
>TP53-L130H ALNKMFQQL	297	>TP53-L130H AHNKMFQQL	20780	20483
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>TP53-L130H ALNKMFQQL	21	>TP53-L130H AHNKMFQQL	19358	19337
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>TP53-L130H ALNKMFQQL	37	>TP53-L130H AHNKMFQQL	4983	4946
>TP53-L130H ALNKMFQQL	25	>TP53-L130H AHNKMFQQL	2677	2652
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>TP53-L130H ALNKMFQQL	431	>TP53-L130H AHNKMFQQL	7769	7338
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>TP53-L130H ALNKMFQQL	416	>TP53-L130H AHNKMFQQL	16653	16237
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>TP53-L130H KSVTCTYSPA	488	>TP53-L130H KSVTCTYSPA	4255	3767
>TP53-L130H KSVTCTYSPA	107	>TP53-L130H KSVTCTYSPA	3229	3122
>TP53-L130H KSVTCTYSPA	89	>TP53-L130H KSVTCTYSPA	713	624
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>TP53-L130H KSVTCTYSPA	113	>TP53-L130H KSVTCTYSPA	2653	2540
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>TP53-L130H SPALNKMFQ	432	>TP53-L130H SPAHNKMF	204	228
>TP53-L130H SPALNKMF	100	>TP53-L130H SPAHNKMF	51	49
>TP53-L130H SPALNKMFQ	41	>TP53-L130H SPAHNKMF	27	14
>TP53-L130H SPALNKMFQ	372	>TP53-L130H SPAHNKMF	419	47
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>TP53-L130H SPALNKMF	326	>TP53-L130H SPAHNKMF	194	132
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>TP53-L130H YSPALNKMF	384	>TP53-L130H YSPAHNKMF	566	182
>TP53-L130H YSPALNKMF	104	>TP53-L130H YSPAHNKMF	50	54

>TP53-L130HYSPALNKM	586	>TP53-L130HYSPAHNKM	406	180
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>TP53-L130HYSPALNKM	40	>TP53-L130HYSPAHNKM	22	18
>TP53-L130HYSPALNKMF	3	>TP53-L130HYSPAHNKMF	2	1
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>TP53-L130HTYSPALNKM	136	>TP53-L130HTYSPAHNKM	373	237
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>TP53-L130HTYSPALNKMF	64	>TP53-L130HTYSPAHNKM	93	29
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>TP53-L130HTYSPALNKMF	5	>TP53-L130HTYSPAHNKM	5	0
>TP53-L130HTYSPALNK	222	>TP53-L130HTYSPAHNK	200	22
>TP53-L130HTYSPALNK	1077	>TP53-L130HTYSPAHNK	389	688
>TP53-L130HTYSPALNK	674	>TP53-L130HTYSPAHNK	478	196
>TP53-L130HTYSPALNKMF	439	>TP53-L130HTYSPAHNKM	418	21
>TP53-L130HCTYSPALNK	30	>TP53-L130HCTYSPAHNK	38	8
>TP53-L130HCTYSPALNK	11	>TP53-L130HCTYSPAHNK	13	2
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>TP53-L130HCTYSPALNKM	63	>TP53-L130HCTYSPAHNKM	84	21
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>TP53-L130HCTYSPALNKM	246	>TP53-L130HCTYSPAHNKM	259	13
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>TP53-L130HVTCTYSPAL	397	>TP53-L130HVTCTYSPAH	26420	26023
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>TP53-L130HVTCTYSPALN	14	>TP53-L130HVTCTYSPAHN	14	0
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>TP53-L130H SVTCTYSPAL	268	>TP53-L130H SVTCTYSPAH	20924	20656
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>TP53-L130P ALNKMFCQL	33034	>TP53-L130P APNKMFCQL	54	32980
>TP53-L130P ALNKMFCQL	238	>TP53-L130P APNKMFCQL	24189	23951
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>TP53-L130P ALNKMFCQL	297	>TP53-L130P APNKMFCQL	20605	20308
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>TP53-L130P ALNKMFCQL	11	>TP53-L130P APNKMFCQL	31292	31281
>TP53-L130P ALNKMFCQL	37	>TP53-L130P APNKMFCQL	7754	7717
>TP53-L130P ALNKMFCQL	25	>TP53-L130P APNKMFCQL	2270	2245
>TP53-L130P ALNKMFCQL	113	>TP53-L130P APNKMFCQL	11247	11134
>TP53-L130P ALNKMFCQL	431	>TP53-L130P APNKMFCQL	9498	9067
>TP53-L130P ALNKMFCQL	17545	>TP53-L130P APNKMFCQL	59	17486
>TP53-L130P ALNKMFCQL	288	>TP53-L130P APNKMFCQL	300	12
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>TP53-L130P KSVTCTYSPA	89	>TP53-L130P KSVTCTYSPA	2485	2396
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>TP53-L130P KSVTCTYSPA	113	>TP53-L130P KSVTCTYSPA	14804	14691
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>TP53-L130P PALNKMFCQ	20059	>TP53-L130P PAPNKMFCQ	244	19815
>TP53-L130P SPALNKMFCQ	432	>TP53-L130P SPAPNKMFCQ	64	368
>TP53-L130P SPALNKMFC	100	>TP53-L130P SPAPNKMFC	62	38
>TP53-L130P SPALNKMFCQ	41	>TP53-L130P SPAPNKMFCQ	30	11
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>TP53-L130P YSPALNKMF	384	>TP53-L130P YSPAPNKMF	944	560
>TP53-L130P YSPALNKMF	3198	>TP53-L130P YSPAPNKMF	346	2852
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>TP53-L130P YSPALNKM	586	>TP53-L130P YSPAPNKM	437	149
>TP53-L130P YSPALNKMF	43	>TP53-L130P YSPAPNKMF	17	26
>TP53-L130P YSPALNKM	40	>TP53-L130P YSPAPNKM	7	33
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>TP53-L130P YSPALNKMFC	22	>TP53-L130P YSPAPNKMF	14	8
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>TP53-L130P YSPALNKM	67	>TP53-L130P YSPAPNKM	67	0
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>TP53-L130P TYSPALNKM	136	>TP53-L130P TYSPAPNKM	409	273
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>TP53-L130P CTYSPALNKM	23	>TP53-L130P CTYSPAPNKM	19	4
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>TP53-L130P SVTCTYSPAL	268	>TP53-L130P SVTCTYSPAP	14579	14311
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>TP53-L130R LNKMFQQLA	161	>TP53-L130R RNKMFQQLA	10	151
>TP53-L130R LNKMFQQL	153	>TP53-L130R RNKMFQQL	255	102
>TP53-L130R ALNKMFQQL	238	>TP53-L130R ARNKMFQQL	24133	23895
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>TP53-L130R ALNKMFQQL	297	>TP53-L130R ARNKMFQQL	20277	19980
>TP53-L130R ALNKMFQQL	22	>TP53-L130R ARNKMFQQL	19993	19971
>TP53-L130R ALNKMFQQL	255	>TP53-L130R ARNKMFQQL	26476	26221
>TP53-L130R ALNKMFQQL	198	>TP53-L130R ARNKMFQQL	24562	24364
>TP53-L130R ALNKMFQQL	21	>TP53-L130R ARNKMFQQL	20122	20101
>TP53-L130R ALNKMFQQL	256	>TP53-L130R ARNKMFQQL	24450	24194
>TP53-L130R ALNKMFQQL	66	>TP53-L130R ARNKMFQQL	21384	21318
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>TP53-L130R ALNKMFQQL	11	>TP53-L130R ARNKMFQQL	27468	27457
>TP53-L130R ALNKMFQQL	37	>TP53-L130R ARNKMFQQL	14230	14193
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>TP53-L130R ALNKMFQQL	113	>TP53-L130R ARNKMFQQL	2115	2002
>TP53-L130R ALNKMFQQL	431	>TP53-L130R ARNKMFQQL	14628	14197
>TP53-L130R ALNKMFQQL	288	>TP53-L130R ARNKMFQQL	2893	2605
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>TP53-L130R KSVTCTYSPA	396	>TP53-L130R KSVTCTYSPA	24823	24427
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>TP53-L130R KSVTCTYSPA	488	>TP53-L130R KSVTCTYSPA	748	260
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>TP53-L130R KSVTCTYSPA	107	>TP53-L130R KSVTCTYSPA	4898	4791
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>TP53-L130R KSVTCTYSPA	198	>TP53-L130R KSVTCTYSPA	19366	19168
>TP53-L130R KSVTCTYSPA	14191	>TP53-L130R KSVTCTYSPA	36	14155
>TP53-L130R SPALNKMFC	432	>TP53-L130R SPARNKMFC	73	359
>TP53-L130R SPALNKMFC	100	>TP53-L130R SPARNKMFC	54	46
>TP53-L130R SPALNKMFC	41	>TP53-L130R SPARNKMFC	31	10
>TP53-L130R SPALNKMFC	372	>TP53-L130R SPARNKMFC	186	186
>TP53-L130R SPALNKMFC	326	>TP53-L130R SPARNKMFC	717	391
>TP53-L130R SPALNKMFC	450	>TP53-L130R SPARNKMFC	187	263
>TP53-L130R SPALNKMFC	677	>TP53-L130R SPARNKMFC	423	254
>TP53-L130R YSPALNKMFC	1122	>TP53-L130R YSPARNKMFC	102	1020
>TP53-L130R YSPALNKMFC	384	>TP53-L130R YSPARNKMFC	948	564
>TP53-L130R YSPALNKMFC	104	>TP53-L130R YSPARNKMFC	146	42
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>TP53-L130R YSPALNKMFC	40	>TP53-L130R YSPARNKMFC	127	87
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>TP53-L130R YSPALNKMFC	22	>TP53-L130R YSPARNKMFC	61	39
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>TP53-L130R YSPALNKMFC	67	>TP53-L130R YSPARNKMFC	118	51
>TP53-L130R YSPALNKMFC	103	>TP53-L130R YSPARNKMFC	381	278
>TP53-L130R TYSPALNKM	136	>TP53-L130R TYSPARNKM	51	85
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>TP53-L130R TYSPALNKM	179	>TP53-L130R TYSPARNKM	118	61
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>TP53-L130R TYSPALNKM	27	>TP53-L130R TYSPARNKM	79	52
>TP53-L130R TYSPALNKM	5	>TP53-L130R TYSPARNKM	6	1
>TP53-L130R TYSPALNKM	222	>TP53-L130R TYSPARNKM	257	35
>TP53-L130R TYSPALNKM	439	>TP53-L130R TYSPARNKM	301	138
>TP53-L130R CTYSPALNK	30	>TP53-L130R CTYSPARNK	45	15
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>TP53-L130R CTYSPALNK	5	>TP53-L130R CTYSPARNK	5	0
>TP53-L130R CTYSPALNK	76	>TP53-L130R CTYSPARNK	155	79

>TP53-L130R CTYSPALNKM	146	>TP53-L130R CTYSPARNKM	287	141
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>TP53-L130R CTYSPALNKM	13	>TP53-L130R CTYSPARNKM	20	7
>TP53-L130R CTYSPALNKM	358	>TP53-L130R CTYSPARNKM	307	51
>TP53-L130R TCTYSPALNK	453	>TP53-L130R TCTYSPARNK	615	162
>TP53-L130R VTCTYSPAL	397	>TP53-L130R VTCTYSPAR	25912	25515
>TP53-L130R VTCTYSPALN	80	>TP53-L130R VTCTYSPARN	190	110
>TP53-L130R VTCTYSPAL	18055	>TP53-L130R VTCTYSPAR	150	17905
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>TP53-L130R VTCTYSPAL	12132	>TP53-L130R VTCTYSPAR	51	12081
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>TP53-L130R VTCTYSPAL	28385	>TP53-L130R VTCTYSPAR	116	28269
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>TP53-L130R VTCTYSPAL	12	>TP53-L130R VTCTYSPAR	8376	8364
>TP53-L130R VTCTYSPAL	66	>TP53-L130R VTCTYSPAR	11730	11664
>TP53-L130R SVTCTYSPAL	268	>TP53-L130R SVTCTYSPAR	12762	12494
>TP53-L130R SVTCTYSPAL	28258	>TP53-L130R SVTCTYSPAR	96	28162
>TP53-L130R SVTCTYSPAL	19258	>TP53-L130R SVTCTYSPAR	234	19024
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>TP53-L130R SVTCTYSPAL	149	>TP53-L130R SVTCTYSPAR	15548	15399
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>TP53-L130V LNKMFQQL	153	>TP53-L130V VNKMFCQL	445	292
>TP53-L130V ALNKMFQQL	238	>TP53-L130V AVNKMFQQL	6493	6255
>TP53-L130V ALNKMFQQL	17	>TP53-L130V AVNKMFQQL	588	571
>TP53-L130V ALNKMFQQL	30	>TP53-L130V AVNKMFQQL	916	886
>TP53-L130V ALNKMFQQL	442	>TP53-L130V AVNKMFQQL	3401	2959
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>TP53-L130V ALNKMFQQL	22	>TP53-L130V AVNKMFQQL	1831	1809
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>TP53-L130V ALNKMFQQL	66	>TP53-L130V AVNKMFQQL	6658	6592
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>TP53-L130V ALNKMFQQL	11	>TP53-L130V AVNKMFQQL	1517	1506
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>TP53-L130V ALNKMFQQL	113	>TP53-L130V AVNKMFQQL	16	97
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>TP53-L130V ALNKMFCQL	288	>TP53-L130V AVNKMFCQL	1974	1686
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>TP53-L130V ALNKMFCQL	1052	>TP53-L130V AVNKMFCQL	222	830
>TP53-L130V KSVTCTYSPA	396	>TP53-L130V KSVTCTYSPA'	75	321
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>TP53-L130V KSVTCTYSPA	107	>TP53-L130V KSVTCTYSPA'	512	405
>TP53-L130V KSVTCTYSPA	89	>TP53-L130V KSVTCTYSPA'	185	96
>TP53-L130V KSVTCTYSPA	6	>TP53-L130V KSVTCTYSPA'	92	86
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>TP53-L130V KSVTCTYSPA	198	>TP53-L130V KSVTCTYSPA'	1188	990
>TP53-L130V SPALNKMFC	432	>TP53-L130V SPAVNKMFC	295	137
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>TP53-L130V SPALNKMFC	372	>TP53-L130V SPAVNKMFC	373	1
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>TP53-L130V SPALNKMFC	677	>TP53-L130V SPAVNKMFC	292	385
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>TP53-L130V YSPALNKMFC	104	>TP53-L130V YSPAVNKMFC	114	10
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>TP53-L130V YSPALNKMFC	22	>TP53-L130V YSPAVNKMFC	24	2
>TP53-L130V YSPALNKMFC	124	>TP53-L130V YSPAVNKMFC	122	2
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>TP53-L130V YSPALNKMFC	103	>TP53-L130V YSPAVNKMFC	103	0
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>TP53-L130V TYSPALNKMFC	5	>TP53-L130V TYSPAVNKMFC	5	0
>TP53-L130V TYSPALNKMFC	586	>TP53-L130V TYSPAVNKMFC	335	251
>TP53-L130V TYSPALNKMFC	222	>TP53-L130V TYSPAVNKMFC	364	142
>TP53-L130V TYSPALNKMFC	1077	>TP53-L130V TYSPAVNKMFC	477	600
>TP53-L130V TYSPALNKMFC	439	>TP53-L130V TYSPAVNKMFC	446	7
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>TP53-L130V CTYSPALNKMFC	11	>TP53-L130V CTYSPAVNKMFC	16	5
>TP53-L130V CTYSPALNKMFC	343	>TP53-L130V CTYSPAVNKMFC	267	76
>TP53-L130V CTYSPALNKMFC	63	>TP53-L130V CTYSPAVNKMFC	75	12
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>TP53-L130V CTYSPALNKMFC	246	>TP53-L130V CTYSPAVNKMFC	273	27
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>TP53-L130V CTYSPALNKM	13	>TP53-L130V CTYSPAVNKM	14	1
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>TP53-L130V VTCTYSPAL	2470	>TP53-L130V VTCTYSPAV	446	2024
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>TP53-L130V VTCTYSPAL	766	>TP53-L130V VTCTYSPAV	32	734
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>TP53-L130V VTCTYSPALN	146	>TP53-L130V VTCTYSPAVN	227	81
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>TP53-L130V SVTCTYSPAL	268	>TP53-L130V SVTCTYSPAV	73	195
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>TP53-L130V SVTCTYSPAL	877	>TP53-L130V SVTCTYSPAV	70	807
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>TP53-L137N LAKTCPVQLV	830	>TP53-L137N MAKTCPVQL'	268	562
>TP53-L137N LAKTCPVQLV	482	>TP53-L137N MAKTCPVQL'	350	132
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>TP53-L137N LAKTCPVQLV	42	>TP53-L137N MAKTCPVQL'	36	6
>TP53-L137N LAKTCPVQLV	42	>TP53-L137N MAKTCPVQL'	25	17
>TP53-L137N LAKTCPVQLV	1046	>TP53-L137N MAKTCPVQL'	344	702
>TP53-L137N QLAKTCPV	58	>TP53-L137N QMAKTCPV	50	8
>TP53-L137N QLAKTCPV	13	>TP53-L137N QMAKTCPV	15	2

>TP53-L137N QLAKTCPVQL	315	>TP53-L137N QMAKTCPVC	359	44
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>TP53-L137N QLAKTCPVQL	383	>TP53-L137N QMAKTCPVC	359	24
>TP53-L137N QLAKTCPV	37	>TP53-L137N QMAKTCPV	28	9
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>TP53-L137N QLAKTCPV	10	>TP53-L137N QMAKTCPV	8	2
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>TP53-L137N QLAKTCPVQL	3540	>TP53-L137N QMAKTCPVC	459	3081
>TP53-L137N QLAKTCPVQL	967	>TP53-L137N QMAKTCPVC	464	503
>TP53-L137N QLAKTCPVQL	3303	>TP53-L137N QMAKTCPVC	492	2811
>TP53-L137N QLAKTCPVQL	343	>TP53-L137N QMAKTCPVC	43	300
>TP53-L137N SPALNKMFC	432	>TP53-L137N SPALNKMFC	227	205
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>TP53-L137N SPALNKMFC	372	>TP53-L137N SPALNKMFC	835	463
>TP53-L137N SPALNKMFC	2976	>TP53-L137N SPALNKMFC	248	2728
>TP53-L137N CQLAKTCPV	121	>TP53-L137N CQMAKTCPV	42	79
>TP53-L137N CQLAKTCPVC	1090	>TP53-L137N CQMAKTCPV	242	848
>TP53-L137N CQLAKTCPV	565	>TP53-L137N CQMAKTCPV	49	516
>TP53-L137N CQLAKTCPVC	1773	>TP53-L137N CQMAKTCPV	163	1610
>TP53-L137N CQLAKTCPV	173	>TP53-L137N CQMAKTCPV	16	157
>TP53-L137N CQLAKTCPVC	3649	>TP53-L137N CQMAKTCPV	454	3195
>TP53-L137N CQLAKTCPV	22	>TP53-L137N CQMAKTCPV	13	9
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>TP53-L137N CQLAKTCPV	136	>TP53-L137N CQMAKTCPV	313	177
>TP53-L137N CQLAKTCPV	77	>TP53-L137N CQMAKTCPV	59	18
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>TP53-L137N CQLAKTCPVC	155	>TP53-L137N CQMAKTCPV	92	63
>TP53-L137N CQLAKTCPVC	231	>TP53-L137N CQMAKTCPV	53	178

>TP53-L137N CQLAKTCPVC	762	>TP53-L137N CQMAKTCPV	456	306
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>TP53-L137N KMFCQLAKT	89	>TP53-L137N KMFCQMAKT	137	48
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>TP53-L137N KMFCQLAKT	19	>TP53-L137N KMFCQMAKT	28	9
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>TP53-L137N KMFCQLAKT	19	>TP53-L137N KMFCQMAKT	44	25
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>TP53-L137N KMFCQLAKTC	61	>TP53-L137N KMFCQMAKT	90	29
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>TP53-L137N KMFCQLAK	12	>TP53-L137N KMFCQMAK	8	4
>TP53-L137N KMFCQLAK	8	>TP53-L137N KMFCQMAK	7	1
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>TP53-L137N KMFCQLAK	371	>TP53-L137N KMFCQMAK	400	29
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>TP53-L137N KMFCQLAK	39	>TP53-L137N KMFCQMAK	37	2
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>TP53-L137N LNKMFQQL	100	>TP53-L137N LNKMFQQM	381	281
>TP53-L137N LNKMFQQLAI	161	>TP53-L137N LNKMFQQM/	127	34
>TP53-L137N LNKMFQQL	153	>TP53-L137N LNKMFQQM	338	185
>TP53-L137N ALNKMFQQL	238	>TP53-L137N ALNKMFQQM	1780	1542
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>TP53-L137N ALNKMFQQL	30	>TP53-L137N ALNKMFQQM	320	290
>TP53-L137N ALNKMFQQL	442	>TP53-L137N ALNKMFQQM	734	292
>TP53-L137N ALNKMFQQL	297	>TP53-L137N ALNKMFQQM	1495	1198
>TP53-L137N ALNKMFQQL	22	>TP53-L137N ALNKMFQQM	168	146
>TP53-L137N ALNKMFQQL	255	>TP53-L137N ALNKMFQQM	127	128
>TP53-L137N ALNKMFQQL	198	>TP53-L137N ALNKMFQQM	2847	2649
>TP53-L137N ALNKMFQQL	21	>TP53-L137N ALNKMFQQM	190	169
>TP53-L137N ALNKMFQQL	256	>TP53-L137N ALNKMFQQM	175	81
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>TP53-L137N ALNKMFQQL	3	>TP53-L137N ALNKMFQQM	11	8
>TP53-L137N ALNKMFQQL	11	>TP53-L137N ALNKMFQQM	11	0
>TP53-L137N ALNKMFQQL	37	>TP53-L137N ALNKMFQQM	34	3
>TP53-L137N ALNKMFQQL	25	>TP53-L137N ALNKMFQQM	20	5
>TP53-L137N ALNKMFQQL	113	>TP53-L137N ALNKMFQQM	75	38
>TP53-L137N ALNKMFQQL	431	>TP53-L137N ALNKMFQQM	256	175
>TP53-L137N ALNKMFQQL	288	>TP53-L137N ALNKMFQQM	762	474



>TP53-L137N ALNKMFCQL	416	>TP53-L137N ALNKMFCQN	89	327
>TP53-L137P LAKTCPVQLV	482	>TP53-L137P PAKTCPVQLV	7712	7230
>TP53-L137P LAKTCPVQL	417	>TP53-L137P PAKTCPVQL	4567	4150
>TP53-L137P LAKTCPVQL	405	>TP53-L137P PAKTCPVQL	13454	13049
>TP53-L137P LAKTCPVQLV	45	>TP53-L137P PAKTCPVQLV	2356	2311
>TP53-L137P LAKTCPVQLV	42	>TP53-L137P PAKTCPVQLV	372	330
>TP53-L137P LAKTCPVQLV	42	>TP53-L137P PAKTCPVQLV	6615	6573
>TP53-L137P QLAKTCPVQL	35855	>TP53-L137P QPAKTCPVQI	305	35550
>TP53-L137P QLAKTCPV	58	>TP53-L137P QPAKTCPV	21513	21455
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>TP53-L137P QLAKTCPVQL	315	>TP53-L137P QPAKTCPVQI	25884	25569
>TP53-L137P QLAKTCPV	10	>TP53-L137P QPAKTCPV	16411	16401
>TP53-L137P QLAKTCPVQL	383	>TP53-L137P QPAKTCPVQI	26946	26563
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>TP53-L137P QLAKTCPV	14	>TP53-L137P QPAKTCPV	20061	20047
>TP53-L137P QLAKTCPVQL	323	>TP53-L137P QPAKTCPVQI	28856	28533
>TP53-L137P QLAKTCPV	30	>TP53-L137P QPAKTCPV	21715	21685
>TP53-L137P QLAKTCPV	10	>TP53-L137P QPAKTCPV	18277	18267
>TP53-L137P QLAKTCPVQL	177	>TP53-L137P QPAKTCPVQI	25070	24893
>TP53-L137P QLAKTCPV	10	>TP53-L137P QPAKTCPV	21547	21537
>TP53-L137P QLAKTCPVQL	117	>TP53-L137P QPAKTCPVQI	23783	23666
>TP53-L137P QLAKTCPV	3	>TP53-L137P QPAKTCPV	23276	23273
>TP53-L137P QLAKTCPVQL	20	>TP53-L137P QPAKTCPVQI	32200	32180
>TP53-L137P QLAKTCPV	217	>TP53-L137P QPAKTCPV	1593	1376
>TP53-L137P QLAKTCPV	60	>TP53-L137P QPAKTCPV	185	125
>TP53-L137P QLAKTCPV	16045	>TP53-L137P QPAKTCPV	82	15963
>TP53-L137P QLAKTCPVQL	32028	>TP53-L137P QPAKTCPVQI	410	31618
>TP53-L137P QLAKTCPVQL	3303	>TP53-L137P QPAKTCPVQI	308	2995
>TP53-L137P QLAKTCPVQL	20510	>TP53-L137P QPAKTCPVQI	87	20423
>TP53-L137P QLAKTCPV	30068	>TP53-L137P QPAKTCPV	255	29813
>TP53-L137P QLAKTCPVQL	343	>TP53-L137P QPAKTCPVQI	5290	4947
>TP53-L137P QLAKTCPVQL	6059	>TP53-L137P QPAKTCPVQI	23	6036
>TP53-L137P SPALNKMFCQ	432	>TP53-L137P SPALNKMFCQ	40870	40438
>TP53-L137P SPALNKMFCQ	41	>TP53-L137P SPALNKMFCQ	13470	13429
>TP53-L137P SPALNKMFCQ	372	>TP53-L137P SPALNKMFCQ	10000	9628
>TP53-L137P CQLAKTCPV	121	>TP53-L137P CQPAKTCPV	1371	1250
>TP53-L137P CQLAKTCPV	173	>TP53-L137P CQPAKTCPV	97	76
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>TP53-L137P CQLAKTCPV	136	>TP53-L137P CQPAKTCPV	1158	1022
>TP53-L137P CQLAKTCPV	77	>TP53-L137P CQPAKTCPV	2762	2685
>TP53-L137P CQLAKTCPV	457	>TP53-L137P CQPAKTCPV	3567	3110
>TP53-L137P CQLAKTCPV	268	>TP53-L137P CQPAKTCPV	2290	2022

>TP53-L137P CQLAKTCPVC	155	>TP53-L137P CQPAKTCPVC	1640	1485
>TP53-L137P CQLAKTCPVC	231	>TP53-L137P CQPAKTCPVC	3615	3384
>TP53-L137P FCQLAKTCPV	443	>TP53-L137P FCQPAKTCPV	40	403
>TP53-L137P MFCQLAKTC	450	>TP53-L137P MFCQPAKTC	721	271
>TP53-L137P KMFCQLAKT	89	>TP53-L137P KMFCQPAKT	234	145
>TP53-L137P KMFCQLAKT	102	>TP53-L137P KMFCQPAKT	650	548
>TP53-L137P KMFCQLAKT	19	>TP53-L137P KMFCQPAKT	63	44
>TP53-L137P KMFCQLAKT	199	>TP53-L137P KMFCQPAKT	4160	3961
>TP53-L137P KMFCQLAKT	19	>TP53-L137P KMFCQPAKT	19	0
>TP53-L137P KMFCQLAKT	23	>TP53-L137P KMFCQPAKT	19	4
>TP53-L137P KMFCQLAKT	55	>TP53-L137P KMFCQPAKT	107	52
>TP53-L137P KMFCQLAKT	61	>TP53-L137P KMFCQPAKT	98	37
>TP53-L137P KMFCQLAK	26	>TP53-L137P KMFCQPAK	27	1
>TP53-L137P KMFCQLAK	12	>TP53-L137P KMFCQPAK	15	3
>TP53-L137P KMFCQLAK	8	>TP53-L137P KMFCQPAK	7	1
>TP53-L137P KMFCQLAK	35	>TP53-L137P KMFCQPAK	39	4
>TP53-L137P KMFCQLAK	371	>TP53-L137P KMFCQPAK	489	118
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>TP53-L137P KMFCQLAK	39	>TP53-L137P KMFCQPAK	65	26
>TP53-L137P LNKMFQCQL	100	>TP53-L137P LNKMFQCQP	21178	21078
>TP53-L137P LNKMFQCQL	161	>TP53-L137P LNKMFQCQA	98	63
>TP53-L137P LNKMFQCQL	153	>TP53-L137P LNKMFQCQP	8882	8729
>TP53-L137P ALNKMFQCQL	238	>TP53-L137P ALNKMFQCQP	23228	22990
>TP53-L137P ALNKMFQCQL	17	>TP53-L137P ALNKMFQCQP	4545	4528
>TP53-L137P ALNKMFQCQL	30	>TP53-L137P ALNKMFQCQP	10069	10039
>TP53-L137P ALNKMFQCQL	442	>TP53-L137P ALNKMFQCQP	348	94
>TP53-L137P ALNKMFQCQL	297	>TP53-L137P ALNKMFQCQP	15041	14744
>TP53-L137P ALNKMFQCQL	22	>TP53-L137P ALNKMFQCQP	9375	9353
>TP53-L137P ALNKMFQCQL	255	>TP53-L137P ALNKMFQCQP	143	112
>TP53-L137P ALNKMFQCQL	198	>TP53-L137P ALNKMFQCQP	21731	21533
>TP53-L137P ALNKMFQCQL	21	>TP53-L137P ALNKMFQCQP	11738	11717
>TP53-L137P ALNKMFQCQL	256	>TP53-L137P ALNKMFQCQP	165	91
>TP53-L137P ALNKMFQCQL	66	>TP53-L137P ALNKMFQCQP	23870	23804
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>TP53-L137P ALNKMFQCQL	11	>TP53-L137P ALNKMFQCQP	10	1
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>TP53-L137P ALNKMFQCQL	25	>TP53-L137P ALNKMFQCQP	38	13
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>TP53-L137P ALNKMFQCQL	431	>TP53-L137P ALNKMFQCQP	306	125
>TP53-L137P ALNKMFQCQL	288	>TP53-L137P ALNKMFQCQP	11495	11207

>TP53-L137P ALNKMFCQL	416	>TP53-L137P ALNKMFCQP	6093	5677
>TP53-L137C LAKTCPVQLV	482	>TP53-L137C QAKTCPVQL\	4785	4303
>TP53-L137C LAKTCPVQL	417	>TP53-L137C QAKTCPVQL	952	535
>TP53-L137C LAKTCPVQL	405	>TP53-L137C QAKTCPVQL	929	524
>TP53-L137C LAKTCPVQLV	45	>TP53-L137C QAKTCPVQL\	139	94
>TP53-L137C LAKTCPVQLV	42	>TP53-L137C QAKTCPVQL\	89	47
>TP53-L137C LAKTCPVQLV	42	>TP53-L137C QAKTCPVQL\	306	264
>TP53-L137C QLAKTCPV	58	>TP53-L137C QQAKTCPV	914	856
>TP53-L137C QLAKTCPV	13	>TP53-L137C QQAKTCPV	416	403
>TP53-L137C QLAKTCPVQL	315	>TP53-L137C QQAKTCPVQ	3667	3352
>TP53-L137C QLAKTCPV	10	>TP53-L137C QQAKTCPV	167	157
>TP53-L137C QLAKTCPVQL	383	>TP53-L137C QQAKTCPVQ	3885	3502
>TP53-L137C QLAKTCPV	37	>TP53-L137C QQAKTCPV	25	12
>TP53-L137C QLAKTCPV	14	>TP53-L137C QQAKTCPV	1545	1531
>TP53-L137C QLAKTCPVQL	323	>TP53-L137C QQAKTCPVQ	12214	11891
>TP53-L137C QLAKTCPV	30	>TP53-L137C QQAKTCPV	1935	1905
>TP53-L137C QLAKTCPV	10	>TP53-L137C QQAKTCPV	705	695
>TP53-L137C QLAKTCPVQL	177	>TP53-L137C QQAKTCPVQ	11144	10967
>TP53-L137C QLAKTCPV	10	>TP53-L137C QQAKTCPV	5647	5637
>TP53-L137C QLAKTCPVQL	117	>TP53-L137C QQAKTCPVQ	12799	12682
>TP53-L137C QLAKTCPV	3	>TP53-L137C QQAKTCPV	4320	4317
>TP53-L137C QLAKTCPVQL	20	>TP53-L137C QQAKTCPVQ	20113	20093
>TP53-L137C QLAKTCPV	217	>TP53-L137C QQAKTCPV	1720	1503
>TP53-L137C QLAKTCPV	60	>TP53-L137C QQAKTCPV	2769	2709
>TP53-L137C QLAKTCPV	1790	>TP53-L137C QQAKTCPV	411	1379
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>TP53-L137C QLAKTCPVQL	1062	>TP53-L137C QQAKTCPVQ	42	1020
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>TP53-L137C SPALNKMFCQ	432	>TP53-L137C SPALNKMFCQ	24891	24459
>TP53-L137C SPALNKMFCQ	41	>TP53-L137C SPALNKMFCQ	3262	3221
>TP53-L137C SPALNKMFCQ	372	>TP53-L137C SPALNKMFCQ	9790	9418
>TP53-L137C CQLAKTCPV	121	>TP53-L137C CQQAKTCPV	675	554
>TP53-L137C CQLAKTCPV	173	>TP53-L137C CQQAKTCPV	180	7
>TP53-L137C CQLAKTCPV	22	>TP53-L137C CQQAKTCPV	103	81
>TP53-L137C CQLAKTCPVC	463	>TP53-L137C CQQAKTCPV\	3376	2913
>TP53-L137C CQLAKTCPV	136	>TP53-L137C CQQAKTCPV	1420	1284
>TP53-L137C CQLAKTCPV	77	>TP53-L137C CQQAKTCPV	490	413
>TP53-L137C CQLAKTCPV	457	>TP53-L137C CQQAKTCPV	5787	5330
>TP53-L137C CQLAKTCPV	268	>TP53-L137C CQQAKTCPV	699	431
>TP53-L137C CQLAKTCPVC	155	>TP53-L137C CQQAKTCPV\	545	390

>TP53-L137C CQLAKTCPVC	231	>TP53-L137C CQQAKTCPVI	687	456
>TP53-L137C FCQLAKTCPV	443	>TP53-L137C FCQQAKTCPV	93	350
>TP53-L137C MFCQLAKTC	450	>TP53-L137C MFCQQAKTC	1111	661
>TP53-L137C KMFCQLAKT	89	>TP53-L137C KMFCQQAKT	332	243
>TP53-L137C KMFCQLAKT	102	>TP53-L137C KMFCQQAKT	369	267
>TP53-L137C KMFCQLAKT	19	>TP53-L137C KMFCQQAKT	163	144
>TP53-L137C KMFCQLAKT	199	>TP53-L137C KMFCQQAKT	2578	2379
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>TP53-L137C KMFCQLAKT	23	>TP53-L137C KMFCQQAKT	41	18
>TP53-L137C KMFCQLAKT	55	>TP53-L137C KMFCQQAKT	122	67
>TP53-L137C KMFCQLAKT	61	>TP53-L137C KMFCQQAKT	78	17
>TP53-L137C KMFCQLAK	26	>TP53-L137C KMFCQQAK	29	3
>TP53-L137C KMFCQLAK	12	>TP53-L137C KMFCQQAK	26	14
>TP53-L137C KMFCQLAK	8	>TP53-L137C KMFCQQAK	9	1
>TP53-L137C KMFCQLAK	35	>TP53-L137C KMFCQQAK	32	3
>TP53-L137C KMFCQLAK	371	>TP53-L137C KMFCQQAK	522	151
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>TP53-L137C KMFCQLAK	58	>TP53-L137C KMFCQQAK	45	13
>TP53-L137C KMFCQLAKT	491	>TP53-L137C KMFCQQAKT	405	86
>TP53-L137C KMFCQLAK	39	>TP53-L137C KMFCQQAK	62	23
>TP53-L137C NKMFCQLAK	646	>TP53-L137C NKMFCQQAK	470	176
>TP53-L137C LNKMFCQL	100	>TP53-L137C LNKMFCQQ	16905	16805
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>TP53-L137C LNKMFCQL	153	>TP53-L137C LNKMFCQQ	8730	8577
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>TP53-L137C ALNKMFCQL	17	>TP53-L137C ALNKMFCQQ	2814	2797
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>TP53-L137C ALNKMFCQL	442	>TP53-L137C ALNKMFCQQ	1077	635
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>TP53-L137C ALNKMFCQL	22	>TP53-L137C ALNKMFCQQ	3593	3571
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>TP53-L137C ALNKMFCQL	256	>TP53-L137C ALNKMFCQQ	181	75
>TP53-L137C ALNKMFCQL	66	>TP53-L137C ALNKMFCQQ	17746	17680
>TP53-L137C ALNKMFCQL	3	>TP53-L137C ALNKMFCQQ	26	23
>TP53-L137C ALNKMFCQL	11	>TP53-L137C ALNKMFCQQ	7	4
>TP53-L137C ALNKMFCQL	37	>TP53-L137C ALNKMFCQQ	56	19
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>TP53-L137C ALNKMFCQL	431	>TP53-L137C ALNKMFCQQ	293	138
>TP53-L137C ALNKMFCQL	288	>TP53-L137C ALNKMFCQQ	11642	11354
>TP53-L137C ALNKMFCQL	416	>TP53-L137C ALNKMFCQQ	3032	2616

>TP53-L137V LAKTCPVQLV	482	>TP53-L137V VAKTCPVQLV	786	304
>TP53-L137V LAKTCPVQL	417	>TP53-L137V VAKTCPVQL	755	338
>TP53-L137V LAKTCPVQL	405	>TP53-L137V VAKTCPVQL	335	70
>TP53-L137V LAKTCPVQLV	45	>TP53-L137V VAKTCPVQLV	43	2
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>TP53-L137V LAKTCPVQLV	42	>TP53-L137V VAKTCPVQLV	63	21
>TP53-L137V QLAKTCPV	58	>TP53-L137V QVAKTCPV	1509	1451
>TP53-L137V QLAKTCPV	13	>TP53-L137V QVAKTCPV	326	313
>TP53-L137V QLAKTCPVQL	315	>TP53-L137V QVAKTCPVQL	4205	3890
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>TP53-L137V QLAKTCPVQL	383	>TP53-L137V QVAKTCPVQL	3212	2829
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>TP53-L137V QLAKTCPV	10	>TP53-L137V QVAKTCPV	389	379
>TP53-L137V QLAKTCPVQL	177	>TP53-L137V QVAKTCPVQL	8807	8630
>TP53-L137V QLAKTCPV	10	>TP53-L137V QVAKTCPV	1218	1208
>TP53-L137V QLAKTCPVQL	117	>TP53-L137V QVAKTCPVQL	7116	6999
>TP53-L137V QLAKTCPV	3	>TP53-L137V QVAKTCPV	84	81
>TP53-L137V QLAKTCPVQL	20	>TP53-L137V QVAKTCPVQL	3503	3483
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>TP53-L137V QLAKTCPVQL	343	>TP53-L137V QVAKTCPVQL	61	282
>TP53-L137V SPALNKMFC	432	>TP53-L137V SPALNKMFC	2545	2113
>TP53-L137V SPALNKMFC	41	>TP53-L137V SPALNKMFC	93	52
>TP53-L137V SPALNKMFC	372	>TP53-L137V SPALNKMFC	1321	949
>TP53-L137V SPALNKMFC	2488	>TP53-L137V SPALNKMFC	130	2358
>TP53-L137V CQLAKTCPV	121	>TP53-L137V CQVAKTCPV	732	611
>TP53-L137V CQLAKTCPV	565	>TP53-L137V CQVAKTCPV	300	265
>TP53-L137V CQLAKTCPV	173	>TP53-L137V CQVAKTCPV	49	124
>TP53-L137V CQLAKTCPV	22	>TP53-L137V CQVAKTCPV	26	4
>TP53-L137V CQLAKTCPVC	463	>TP53-L137V CQVAKTCPVC	638	175
>TP53-L137V CQLAKTCPV	136	>TP53-L137V CQVAKTCPV	964	828
>TP53-L137V CQLAKTCPV	77	>TP53-L137V CQVAKTCPV	700	623
>TP53-L137V CQLAKTCPV	457	>TP53-L137V CQVAKTCPV	4180	3723
>TP53-L137V CQLAKTCPV	268	>TP53-L137V CQVAKTCPV	342	74
>TP53-L137V CQLAKTCPVC	155	>TP53-L137V CQVAKTCPVC	234	79
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>TP53-L137V MFCQLAKTCI	924	>TP53-L137V MFCQVAKTC	415	509
>TP53-L137V MFCQLAKTC	450	>TP53-L137V MFCQVAKTC	579	129

>TP53-L137V KMFCQLAKT	89	>TP53-L137V KMFCQVAKT	101	12
>TP53-L137V KMFCQLAKT	102	>TP53-L137V KMFCQVAKT	147	45
>TP53-L137V KMFCQLAKT	19	>TP53-L137V KMFCQVAKT	19	0
>TP53-L137V KMFCQLAKT	199	>TP53-L137V KMFCQVAKT	720	521
>TP53-L137V KMFCQLAKT	19	>TP53-L137V KMFCQVAKT	12	7
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>TP53-L137V KMFCQLAKT	55	>TP53-L137V KMFCQVAKT	76	21
>TP53-L137V KMFCQLAKT	61	>TP53-L137V KMFCQVAKT	65	4
>TP53-L137V KMFCQLAKT	673	>TP53-L137V KMFCQVAKT	376	297
>TP53-L137V KMFCQLAK	26	>TP53-L137V KMFCQVAK	27	1
>TP53-L137V KMFCQLAK	12	>TP53-L137V KMFCQVAK	14	2
>TP53-L137V KMFCQLAK	8	>TP53-L137V KMFCQVAK	10	2
>TP53-L137V KMFCQLAK	35	>TP53-L137V KMFCQVAK	24	11
>TP53-L137V KMFCQLAK	371	>TP53-L137V KMFCQVAK	181	190
>TP53-L137V KMFCQLAKT	1105	>TP53-L137V KMFCQVAKT	420	685
>TP53-L137V KMFCQLAKT	81	>TP53-L137V KMFCQVAKT	51	30
>TP53-L137V KMFCQLAK	58	>TP53-L137V KMFCQVAK	37	21
>TP53-L137V KMFCQLAKT	491	>TP53-L137V KMFCQVAKT	323	168
>TP53-L137V KMFCQLAKT	802	>TP53-L137V KMFCQVAKT	460	342
>TP53-L137V KMFCQLAK	39	>TP53-L137V KMFCQVAK	35	4
>TP53-L137V NKMFCQLAK	646	>TP53-L137V NKMFCQVAK	298	348
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>TP53-L137V LNKMFQQLA	161	>TP53-L137V LNKMFQVA	302	141
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>TP53-L137V ALNKMFQQL	238	>TP53-L137V ALNKMFQVQ	53	185
>TP53-L137V ALNKMFQQL	17	>TP53-L137V ALNKMFQVQ	14	3
>TP53-L137V ALNKMFQQL	30	>TP53-L137V ALNKMFQVQ	6	24
>TP53-L137V ALNKMFQQL	442	>TP53-L137V ALNKMFQVQ	772	330
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>TP53-L137V ALNKMFQQL	255	>TP53-L137V ALNKMFQVQ	267	12
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>TP53-L137V ALNKMFQQL	431	>TP53-L137V ALNKMFQVQ	164	267
>TP53-L137V ALNKMFQQL	288	>TP53-L137V ALNKMFQVQ	1301	1013
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>TP53-L145N CQLAKTCPVC	463	>TP53-L145N CQLAKTCPVC	1787	1324
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>TP53-L145N CPVQLWVDS	675	>TP53-L145N CPVQMWVD	400	275
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>TP53-L145N LAKTCPVQLV	482	>TP53-L145N LAKTCPVQM	281	201
>TP53-L145N LAKTCPVQL	417	>TP53-L145N LAKTCPVQM	217	200
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>TP53-L145N LAKTCPVQLV	45	>TP53-L145N LAKTCPVQM	39	6
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>TP53-L145N LAKTCPVQLV	42	>TP53-L145N LAKTCPVQM	99	57
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>TP53-L145N QLAKTCPVQL	315	>TP53-L145N QLAKTCPVQI	1596	1281
>TP53-L145N QLAKTCPVQL	383	>TP53-L145N QLAKTCPVQI	1834	1451
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>TP53-L145N QLAKTCPVQL	20	>TP53-L145N QLAKTCPVQI	554	534
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>TP53-L145P QLWVDSTPP	16239	>TP53-L145P QPWVDSTPP	229	16010
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>TP53-L145P CQLAKTCPVC	463	>TP53-L145P CQLAKTCPVC	13582	13119
>TP53-L145P CQLAKTCPVC	155	>TP53-L145P CQLAKTCPVC	4506	4351
>TP53-L145P CQLAKTCPVC	231	>TP53-L145P CQLAKTCPVC	19443	19212
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>TP53-L145P KTCPVQLWV	338	>TP53-L145P KTCPVQPWV	66	272
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>TP53-L145P KTCPVQLWV	272	>TP53-L145P KTCPVQPWV	306	34
>TP53-L145P AKTCPVQL	41	>TP53-L145P AKTCPVQP	1719	1678
>TP53-L145P AKTCPVQLW	192	>TP53-L145P AKTCPVQPW	28	164
>TP53-L145P AKTCPVQLW	503	>TP53-L145P AKTCPVQPW	435	68
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>TP53-L145P LAKTCPVQL	417	>TP53-L145P LAKTCPVQP	8401	7984
>TP53-L145P LAKTCPVQLW	2082	>TP53-L145P LAKTCPVQPW	474	1608
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>TP53-L145P LAKTCPVQLW	45	>TP53-L145P LAKTCPVQPW	25	20
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>TP53-L145P QLAKTCPVQL	315	>TP53-L145P QLAKTCPVQF	22584	22269
>TP53-L145P QLAKTCPVQL	383	>TP53-L145P QLAKTCPVQF	17912	17529
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>TP53-L145P QLAKTCPVQL	177	>TP53-L145P QLAKTCPVQF	18222	18045
>TP53-L145P QLAKTCPVQL	117	>TP53-L145P QLAKTCPVQF	23179	23062
>TP53-L145P QLAKTCPVQL	20	>TP53-L145P QLAKTCPVQF	17744	17724
>TP53-L145P QLAKTCPVQL	343	>TP53-L145P QLAKTCPVQF	950	607
>TP53-L145C LWVDSTPP	386	>TP53-L145C QWVDSTPP	398	12
>TP53-L145C LWVDSTPPP	467	>TP53-L145C QWVDSTPPP	456	11
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>TP53-L145C QLWVDSTPP	5242	>TP53-L145C QQWVDSTPF	412	4830
>TP53-L145C CQLAKTCPVC	463	>TP53-L145C CQLAKTCPVC	12053	11590
>TP53-L145C CQLAKTCPVC	155	>TP53-L145C CQLAKTCPVC	4475	4320
>TP53-L145C CQLAKTCPVC	231	>TP53-L145C CQLAKTCPVC	16506	16275
>TP53-L145C VQLWVDST	120	>TP53-L145C VQQWVDST	1066	946
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>TP53-L145C KTCPVQLWV	202	>TP53-L145C KTCPVQQWV	78	124
>TP53-L145C KTCPVQLWV	224	>TP53-L145C KTCPVQQWV	455	231
>TP53-L145C KTCPVQLW	165	>TP53-L145C KTCPVQQW	102	63
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>TP53-L145C KTCPVQLWV	118	>TP53-L145C KTCPVQQWV	218	100
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>TP53-L145C AKTCPVQLW	503	>TP53-L145C AKTCPVQQW	350	153
>TP53-L145C AKTCPVQLW	616	>TP53-L145C AKTCPVQQW	415	201
>TP53-L145C LAKTCPVQLV	482	>TP53-L145C LAKTCPVQQV	246	236
>TP53-L145C LAKTCPVQL	417	>TP53-L145C LAKTCPVQQ	8225	7808
>TP53-L145C LAKTCPVQL	405	>TP53-L145C LAKTCPVQQ	15541	15136
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>TP53-L145C LAKTCPVQLV	42	>TP53-L145C LAKTCPVQQV	41	1
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>TP53-L145C QLAKTCPVQL	315	>TP53-L145C QLAKTCPVQC	22700	22385
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>TP53-L145C QLAKTCPVQL	20	>TP53-L145C QLAKTCPVQC	1343	1323
>TP53-L145C QLAKTCPVQL	967	>TP53-L145C QLAKTCPVQC	472	495
>TP53-L145C QLAKTCPVQL	343	>TP53-L145C QLAKTCPVQC	241	102
>TP53-L145R LWVDSTPP	386	>TP53-L145R RWVDSTPP	248	138
>TP53-L145R LWVDSTPPP	467	>TP53-L145R RWVDSTPPP	289	178
>TP53-L145R LWVDSTPPPC	485	>TP53-L145R RWVDSTPPPC	301	184
>TP53-L145R QLWVDSTPP	23647	>TP53-L145R QRWVDSTPP	430	23217
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>TP53-L145R QLWVDSTPP	21253	>TP53-L145R QRWVDSTPP	271	20982
>TP53-L145R QLWVDSTPP	15076	>TP53-L145R QRWVDSTPP	165	14911

>TP53-L145RQLWVDSTPP	13681	>TP53-L145RQRWVDSTPP	184	13497
>TP53-L145RCQLAKTCPVC	463	>TP53-L145RCQLAKTCPVC	22347	21884
>TP53-L145RCQLAKTCPVC	12076	>TP53-L145RCQLAKTCPVC	66	12010
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>TP53-L145RCQLAKTCPVC	231	>TP53-L145RCQLAKTCPVC	17380	17149
>TP53-L145RCQLAKTCPVC	20955	>TP53-L145RCQLAKTCPVC	42	20913
>TP53-L145RVQLWVDST	120	>TP53-L145RVQRWVDST	3078	2958
>TP53-L145RKTCPVQLWV	125	>TP53-L145RKTCPVQRWV	1684	1559
>TP53-L145RKTCPVQLWV	53	>TP53-L145RKTCPVQRWV	135	82
>TP53-L145RKTCPVQLWV	338	>TP53-L145RKTCPVQRWV	3755	3417
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>TP53-L145RKTCPVQLW	165	>TP53-L145RKTCPVQRW	188	23
>TP53-L145RKTCPVQLW	4	>TP53-L145RKTCPVQRW	4	0
>TP53-L145RKTCPVQLWV	118	>TP53-L145RKTCPVQRWV	332	214
>TP53-L145RKTCPVQLW	34	>TP53-L145RKTCPVQRW	32	2
>TP53-L145RKTCPVQLW	10	>TP53-L145RKTCPVQRW	11	1
>TP53-L145RKTCPVQLWV	254	>TP53-L145RKTCPVQRWV	365	111
>TP53-L145RKTCPVQLWV	272	>TP53-L145RKTCPVQRWV	382	110
>TP53-L145RAKTCPVQL	41	>TP53-L145RAKTCPVQR	496	455
>TP53-L145RAKTCPVQLW	192	>TP53-L145RAKTCPVQRW	236	44
>TP53-L145RALAKTCPVQLV	482	>TP53-L145RALAKTCPVQRV	1789	1307
>TP53-L145RALAKTCPVQL	11381	>TP53-L145RALAKTCPVQR	38	11343
>TP53-L145RALAKTCPVQL	31657	>TP53-L145RALAKTCPVQR	307	31350
>TP53-L145RALAKTCPVQL	417	>TP53-L145RALAKTCPVQR	4078	3661
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>TP53-L145RALAKTCPVQLV	45	>TP53-L145RALAKTCPVQRV	24	21
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>TP53-L145RALAKTCPVQL	33440	>TP53-L145RALAKTCPVQR	283	33157
>TP53-L145RQLAKTCPVQL	315	>TP53-L145RQLAKTCPVQF	20411	20096
>TP53-L145RQLAKTCPVQL	383	>TP53-L145RQLAKTCPVQF	16363	15980
>TP53-L145RQLAKTCPVQL	323	>TP53-L145RQLAKTCPVQF	22608	22285
>TP53-L145RQLAKTCPVQL	177	>TP53-L145RQLAKTCPVQF	20348	20171
>TP53-L145RQLAKTCPVQL	117	>TP53-L145RQLAKTCPVQF	24065	23948
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>TP53-L145RQLAKTCPVQL	25801	>TP53-L145RQLAKTCPVQF	368	25433
>TP53-L145RQLAKTCPVQL	343	>TP53-L145RQLAKTCPVQF	498	155
>TP53-L145RQLAKTCPVQL	27605	>TP53-L145RQLAKTCPVQF	159	27446
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>TP53-L145VLWVDSTPP	386	>TP53-L145VVWVDSTPP	522	136
>TP53-L145VLWVDSTPPP	467	>TP53-L145VVWVDSTPPP	603	136
>TP53-L145VLWVDSTPPPC	485	>TP53-L145VVWVDSTPPPC	645	160

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>TP53-L145V CQLAKTCPVC	463	>TP53-L145V CQLAKTCPVC	80	383
>TP53-L145V CQLAKTCPVC	3238	>TP53-L145V CQLAKTCPVC	217	3021
>TP53-L145V CQLAKTCPVC	3566	>TP53-L145V CQLAKTCPVC	462	3104
>TP53-L145V CQLAKTCPVC	5023	>TP53-L145V CQLAKTCPVC	488	4535
>TP53-L145V CQLAKTCPVC	155	>TP53-L145V CQLAKTCPVC	355	200
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>TP53-L145V VQLWVDST	120	>TP53-L145V VQVWVDST	152	32
>TP53-L145V KTCPVQLWV	923	>TP53-L145V KTCPVQVWV	397	526
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>TP53-L145V KTCPVQLWV	53	>TP53-L145V KTCPVQVWV	39	14
>TP53-L145V KTCPVQLWV	338	>TP53-L145V KTCPVQVWV	254	84
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>TP53-L145V KTCPVQLW	4	>TP53-L145V KTCPVQVW	4	0
>TP53-L145V KTCPVQLWV	118	>TP53-L145V KTCPVQVWV	219	101
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>TP53-L145V KTCPVQLW	10	>TP53-L145V KTCPVQVW	10	0
>TP53-L145V KTCPVQLWV	254	>TP53-L145V KTCPVQVWV	499	245
>TP53-L145V KTCPVQLWV	272	>TP53-L145V KTCPVQVWV	306	34
>TP53-L145V AKTCPVQL	41	>TP53-L145V AKTCPVQV	96	55
>TP53-L145V AKTCPVQLW	192	>TP53-L145V AKTCPVQVW	37	155
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>TP53-L145V LAKTCPVQLV	482	>TP53-L145V LAKTCPVQVV	304	178
>TP53-L145V LAKTCPVQL	417	>TP53-L145V LAKTCPVQV	1024	607
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>TP53-L145V LAKTCPVQLV	45	>TP53-L145V LAKTCPVQVV	36	9
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>TP53-L145V QLAKTCPVQL	315	>TP53-L145V QLAKTCPVQ\	302	13
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>TP53-L145V QLAKTCPVQL	323	>TP53-L145V QLAKTCPVQ\	24	299
>TP53-L145V QLAKTCPVQL	1584	>TP53-L145V QLAKTCPVQ\	152	1432
>TP53-L145V QLAKTCPVQL	177	>TP53-L145V QLAKTCPVQ\	16	161
>TP53-L145V QLAKTCPVQL	117	>TP53-L145V QLAKTCPVQ\	8	109
>TP53-L145V QLAKTCPVQL	20	>TP53-L145V QLAKTCPVQ\	5	15
>TP53-L145V QLAKTCPVQL	3162	>TP53-L145V QLAKTCPVQ\	284	2878
>TP53-L145V QLAKTCPVQL	343	>TP53-L145V QLAKTCPVQ\	297	46
>TP53-L188V LAPPQHILIRV	395	>TP53-L188V VAPPQHILIRV	1497	1102
>TP53-L188V LAPPQHILIRV	577	>TP53-L188V VAPPQHILIRV	463	114

>TP53-L188V LAPPQHILRV	52	>TP53-L188V VAPPQHILRV	77	25
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>TP53-L188V LAPPQHILRV	28	>TP53-L188V VAPPQHILRV	25	3
>TP53-L188V LAPPQHLI	70	>TP53-L188V VAPPQHLI	201	131
>TP53-L188V GLAPPQHL	285	>TP53-L188V GVAPPQHL	7006	6721
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>TP53-L188V GLAPPQHLIR	20	>TP53-L188V GVAPPQHLIR	347	327
>TP53-L188V GLAPPQHL	22	>TP53-L188V GVAPPQHL	614	592
>TP53-L188V GLAPPQHLI	15	>TP53-L188V GVAPPQHLI	291	276
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>TP53-L188V GLAPPQHLI	31	>TP53-L188V GVAPPQHLI	1214	1183
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>TP53-L188V GLAPPQHLI	22	>TP53-L188V GVAPPQHLI	3515	3493
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>TP53-L188V GLAPPQHL	175	>TP53-L188V GVAPPQHL	10639	10464
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>TP53-L188V GLAPPQHLIR	3330	>TP53-L188V GVAPPQHLIR	397	2933
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>TP53-L188V HHERCSDSDC	126	>TP53-L188V HHERCSDSDC	2199	2073
>TP53-L188V SDGLAPPQHI	104	>TP53-L188V SDGVAPPQH	95	9
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>TP53-L188V HERCSDSDGL	602	>TP53-L188V HERCSDSDG\	205	397
>TP53-L188V HERCSDSDGL	422	>TP53-L188V HERCSDSDG\	555	133
>TP53-L194F LIRVEGNLRV	2070	>TP53-L194F FIRVEGNLRV	425	1645
>TP53-L194F LIRVEGNLRV	555	>TP53-L194F FIRVEGNLRV	114	441
>TP53-L194F LIRVEGNLRV	2785	>TP53-L194F FIRVEGNLRV	383	2402

>TP53-L194F LIRVEGNLRV	1834	>TP53-L194F FIRVEGNLRV	295	1539
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>TP53-L194F LIRVEGNLRV	296	>TP53-L194F FIRVEGNLRV	3222	2926
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>TP53-L194F HLIRVEGNLR'	156	>TP53-L194F HFIRVEGNLR'	14174	14018
>TP53-L194F HLIRVEGNL	226	>TP53-L194F HFIRVEGNL	8685	8459
>TP53-L194F HLIRVEGNLR'	111	>TP53-L194F HFIRVEGNLR'	6857	6746
>TP53-L194F HLIRVEGNLR'	41	>TP53-L194F HFIRVEGNLR'	12800	12759
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>TP53-L194F HLIRVEGNLR'	27	>TP53-L194F HFIRVEGNLR'	14207	14180
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>TP53-L194F HLIRVEGNLR	24	>TP53-L194F HFIRVEGNLR	19	5
>TP53-L194F HLIRVEGNLR'	398	>TP53-L194F HFIRVEGNLR'	6483	6085
>TP53-L194F HLIRVEGNLR	478	>TP53-L194F HFIRVEGNLR	137	341
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>TP53-L194F LAPPQHLIRV	395	>TP53-L194F LAPPQHFI	355	40
>TP53-L194F LAPPQHLIRV	577	>TP53-L194F LAPPQHFI	463	114
>TP53-L194F LAPPQHLIRV	52	>TP53-L194F LAPPQHFI	41	11
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>TP53-L194F LAPPQHFI	5	>TP53-L194F LAPPQHFI	8	3
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>TP53-L194F GLAPPQHL	16	>TP53-L194F GLAPPQHF	1879	1863
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>TP53-L194F GLAPPQHLIR'	7	>TP53-L194F GLAPPQHFI	8	1
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>TP53-L194F GLAPPQHLIR'	5	>TP53-L194F GLAPPQHFI	5	0
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>TP53-L194F GLAPPQHL	3426	>TP53-L194F GLAPPQHF	141	3285
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>TP53-L194F SDGLAPPQHI	104	>TP53-L194F SDGLAPPQHI	141	37
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>TP53-L194H HLIRVEGNLR'	111	>TP53-L194H HHIRVEGNLR	17867	17756
>TP53-L194H HLIRVEGNLR'	41	>TP53-L194H HHIRVEGNLR	18590	18549
>TP53-L194H HLIRVEGNLR'	322	>TP53-L194H HHIRVEGNLR	15687	15365
>TP53-L194H HLIRVEGNL	327	>TP53-L194H HHIRVEGNL	28726	28399
>TP53-L194H HLIRVEGNLR'	9	>TP53-L194H HHIRVEGNLR	15240	15231
>TP53-L194H HLIRVEGNLR'	27	>TP53-L194H HHIRVEGNLR	20587	20560
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>TP53-L194H HLIRVEGNL	153	>TP53-L194H HHIRVEGNL	33352	33199
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>TP53-L194H HLIRVEGNLR'	398	>TP53-L194H HHIRVEGNLR	14264	13866
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>TP53-L194H APPQHLIRV	759	>TP53-L194H APPQHHIRV	306	453
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>TP53-L194H LAPPQHLIR	1385	>TP53-L194H LAPPQHHIR	440	945
>TP53-L194H LAPPQHLI	5	>TP53-L194H LAPPQHHI	20	15
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>TP53-L194H LAPPQHLIRV	28	>TP53-L194H LAPPQHHIRV	18	10
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>TP53-L194H GLAPPQHLIR'	20	>TP53-L194H GLAPPQHHIR	45	25
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>TP53-L194H GLAPPQHLI	15	>TP53-L194H GLAPPQHHI	37	22
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>TP53-L194H GLAPPQHLIR'	44	>TP53-L194H GLAPPQHHIR	146	102
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>TP53-L194H GLAPPQHLIR'	7	>TP53-L194H GLAPPQHHIR	17	10
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>TP53-L194H GLAPPQHL	175	>TP53-L194H GLAPPQHH	25167	24992
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>TP53-L194H GLAPPQHLIR	282	>TP53-L194H GLAPPQHHIR	395	113
>TP53-L194H SDGLAPPQHI	104	>TP53-L194H SDGLAPPQHI	393	289
>TP53-L194I- LIRVEGNL	4392	>TP53-L194I- IIRVEGNL	489	3903
>TP53-L194I- LIRVEGNLRV	35	>TP53-L194I- IIRVEGNLRV	63	28

>TP53-L194I- LIRVEGNLRV	296	>TP53-L194I- IIRVEGNLRV	296	0
>TP53-L194I- LIRVEGNLR	570	>TP53-L194I- IIRVEGNLR	467	103
>TP53-L194I- HLIRVEGNLR'	156	>TP53-L194I- HIIRVEGNLR\	1392	1236
>TP53-L194I- HLIRVEGNL	226	>TP53-L194I- HIIRVEGNL	2470	2244
>TP53-L194I- HLIRVEGNLR'	111	>TP53-L194I- HIIRVEGNLR\	1438	1327
>TP53-L194I- HLIRVEGNLR'	41	>TP53-L194I- HIIRVEGNLR\	433	392
>TP53-L194I- HLIRVEGNLR'	322	>TP53-L194I- HIIRVEGNLR\	504	182
>TP53-L194I- HLIRVEGNL	327	>TP53-L194I- HIIRVEGNL	6557	6230
>TP53-L194I- HLIRVEGNLR'	9	>TP53-L194I- HIIRVEGNLR\	180	171
>TP53-L194I- HLIRVEGNLR'	27	>TP53-L194I- HIIRVEGNLR\	1885	1858
>TP53-L194I- HLIRVEGNLR'	27	>TP53-L194I- HIIRVEGNLR\	716	689
>TP53-L194I- HLIRVEGNL	153	>TP53-L194I- HIIRVEGNL	6120	5967
>TP53-L194I- HLIRVEGNLR'	4	>TP53-L194I- HIIRVEGNLR\	46	42
>TP53-L194I- HLIRVEGNL	2394	>TP53-L194I- HIIRVEGNL	456	1938
>TP53-L194I- HLIRVEGNLR	241	>TP53-L194I- HIIRVEGNLR	157	84
>TP53-L194I- HLIRVEGNLR	381	>TP53-L194I- HIIRVEGNLR	241	140
>TP53-L194I- HLIRVEGNLR	24	>TP53-L194I- HIIRVEGNLR	7	17
>TP53-L194I- HLIRVEGNLR'	398	>TP53-L194I- HIIRVEGNLR\	62	336
>TP53-L194I- HLIRVEGNLR'	1132	>TP53-L194I- HIIRVEGNLR\	449	683
>TP53-L194I- HLIRVEGNLR	478	>TP53-L194I- HIIRVEGNLR	345	133
>TP53-L194I- APPQHILIRV	1104	>TP53-L194I- APPQHIIIRV	485	619
>TP53-L194I- LAPPQHILIRV	395	>TP53-L194I- LAPPQHIIIRV	573	178
>TP53-L194I- LAPPQHILIRV	577	>TP53-L194I- LAPPQHIIIRV	304	273
>TP53-L194I- LAPPQHILIRV	52	>TP53-L194I- LAPPQHIIIRV	38	14
>TP53-L194I- LAPPQHILI	5	>TP53-L194I- LAPPQHII	11	6
>TP53-L194I- LAPPQHILIRV	28	>TP53-L194I- LAPPQHIIIRV	19	9
>TP53-L194I- LAPPQHILI	70	>TP53-L194I- LAPPQHII	79	9
>TP53-L194I- GLAPPQHL	285	>TP53-L194I- GLAPPQHI	370	85
>TP53-L194I- GLAPPQHILI	65	>TP53-L194I- GLAPPQHII	318	253
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>TP53-L194I- GLAPPQHL	22	>TP53-L194I- GLAPPQHI	67	45
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>TP53-L194I- GLAPPQHILIR'	9	>TP53-L194I- GLAPPQHIIIR\	10	1
>TP53-L194I- GLAPPQHL	61	>TP53-L194I- GLAPPQHI	35	26
>TP53-L194I- GLAPPQHILI	31	>TP53-L194I- GLAPPQHII	67	36
>TP53-L194I- GLAPPQHILIR'	7	>TP53-L194I- GLAPPQHIIIR\	8	1
>TP53-L194I- GLAPPQHILIR'	44	>TP53-L194I- GLAPPQHIIIR\	65	21
>TP53-L194I- GLAPPQHL	16	>TP53-L194I- GLAPPQHI	16	0
>TP53-L194I- GLAPPQHILI	13	>TP53-L194I- GLAPPQHII	41	28
>TP53-L194I- GLAPPQHILIR'	3	>TP53-L194I- GLAPPQHIIIR\	3	0
>TP53-L194I- GLAPPQHL	26	>TP53-L194I- GLAPPQHI	25	1
>TP53-L194I- GLAPPQHILI	22	>TP53-L194I- GLAPPQHII	19	3
>TP53-L194I- GLAPPQHILIR'	7	>TP53-L194I- GLAPPQHIIIR\	7	0



>TP53-L194I- GLAPPQHL	11	>TP53-L194I- GLAPPQHI	13	2
>TP53-L194I- GLAPPQHLI	13	>TP53-L194I- GLAPPQHII	21	8
>TP53-L194I- GLAPPQHLIR'	5	>TP53-L194I- GLAPPQHIIR\	5	0
>TP53-L194I- GLAPPQHL	175	>TP53-L194I- GLAPPQHI	342	167
>TP53-L194I- GLAPPQHLI	76	>TP53-L194I- GLAPPQHII	113	37
>TP53-L194I- GLAPPQHLIR'	9	>TP53-L194I- GLAPPQHIIR\	8	1
>TP53-L194I- GLAPPQHL	5	>TP53-L194I- GLAPPQHI	11	6
>TP53-L194I- GLAPPQHLI	5	>TP53-L194I- GLAPPQHII	7	2
>TP53-L194I- GLAPPQHLIR'	2	>TP53-L194I- GLAPPQHIIR\	2	0
>TP53-L194I- GLAPPQHLIR	282	>TP53-L194I- GLAPPQHIIR	500	218
>TP53-L194I- SDGLAPPQHI	104	>TP53-L194I- SDGLAPPQHI	153	49
>TP53-L194P LIRVEGNLRV	35	>TP53-L194P PIRVEGNLRV	1341	1306
>TP53-L194P LIRVEGNLRV	296	>TP53-L194P PIRVEGNLRV	2095	1799
>TP53-L194P HLIRVEGNL	24617	>TP53-L194P HPIRVEGNL	19	24598
>TP53-L194P HLIRVEGNLR'	37433	>TP53-L194P HPIRVEGNLR	452	36981
>TP53-L194P HLIRVEGNLR'	156	>TP53-L194P HPIRVEGNLR	21916	21760
>TP53-L194P HLIRVEGNL	226	>TP53-L194P HPIRVEGNL	30869	30643
>TP53-L194P HLIRVEGNLR'	111	>TP53-L194P HPIRVEGNLR	28558	28447
>TP53-L194P HLIRVEGNLR'	41	>TP53-L194P HPIRVEGNLR	20393	20352
>TP53-L194P HLIRVEGNLR'	322	>TP53-L194P HPIRVEGNLR	16021	15699
>TP53-L194P HLIRVEGNL	327	>TP53-L194P HPIRVEGNL	29937	29610
>TP53-L194P HLIRVEGNLR'	9	>TP53-L194P HPIRVEGNLR	18408	18399
>TP53-L194P HLIRVEGNLR'	27	>TP53-L194P HPIRVEGNLR	21863	21836
>TP53-L194P HLIRVEGNLR'	27	>TP53-L194P HPIRVEGNLR	22312	22285
>TP53-L194P HLIRVEGNL	153	>TP53-L194P HPIRVEGNL	34983	34830
>TP53-L194P HLIRVEGNLR'	4	>TP53-L194P HPIRVEGNLR	21107	21103
>TP53-L194P HLIRVEGNLR	241	>TP53-L194P HPIRVEGNLR	2719	2478
>TP53-L194P HLIRVEGNLR	381	>TP53-L194P HPIRVEGNLR	3070	2689
>TP53-L194P HLIRVEGNLR	24	>TP53-L194P HPIRVEGNLR	244	220
>TP53-L194P HLIRVEGNLR'	398	>TP53-L194P HPIRVEGNLR	4226	3828
>TP53-L194P HLIRVEGNL	19190	>TP53-L194P HPIRVEGNL	111	19079
>TP53-L194P HLIRVEGNLR'	21736	>TP53-L194P HPIRVEGNLR	471	21265
>TP53-L194P HLIRVEGNLR	478	>TP53-L194P HPIRVEGNLR	1830	1352
>TP53-L194P LAPPQHPIRV	395	>TP53-L194P LAPPQHPIRV	1458	1063
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>TP53-L194P LAPPQHLI	5	>TP53-L194P LAPPQHPI	19	14
>TP53-L194P LAPPQHPIRV	28	>TP53-L194P LAPPQHPIRV	76	48
>TP53-L194P LAPPQHLI	70	>TP53-L194P LAPPQHPI	94	24
>TP53-L194P GLAPPQHL	285	>TP53-L194P GLAPPQHP	23254	22969
>TP53-L194P GLAPPQHLI	65	>TP53-L194P GLAPPQHPI	46	19
>TP53-L194P GLAPPQHLIR'	20	>TP53-L194P GLAPPQHPIR	26	6
>TP53-L194P GLAPPQHL	22	>TP53-L194P GLAPPQHP	4920	4898

>TP53-L194P GLAPPQHLI	15	>TP53-L194P GLAPPQHPI	19	4
>TP53-L194P GLAPPQHLIR'	9	>TP53-L194P GLAPPQHPIR	16	7
>TP53-L194P GLAPPQHL	61	>TP53-L194P GLAPPQHP	10979	10918
>TP53-L194P GLAPPQHLI	31	>TP53-L194P GLAPPQHPI	16	15
>TP53-L194P GLAPPQHLIR'	7	>TP53-L194P GLAPPQHPIR	8	1
>TP53-L194P GLAPPQHLI	500	>TP53-L194P GLAPPQHPI	103	397
>TP53-L194P GLAPPQHLIR'	44	>TP53-L194P GLAPPQHPIR	196	152
>TP53-L194P GLAPPQHL	16	>TP53-L194P GLAPPQHP	7194	7178
>TP53-L194P GLAPPQHLI	13	>TP53-L194P GLAPPQHPI	8	5
>TP53-L194P GLAPPQHLIR'	3	>TP53-L194P GLAPPQHPIR	3	0
>TP53-L194P GLAPPQHL	26	>TP53-L194P GLAPPQHP	14115	14089
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>TP53-L194P GLAPPQHLI	13	>TP53-L194P GLAPPQHPI	11	2
>TP53-L194P GLAPPQHLIR'	5	>TP53-L194P GLAPPQHPIR	5	0
>TP53-L194P GLAPPQHL	175	>TP53-L194P GLAPPQHP	23723	23548
>TP53-L194P GLAPPQHLI	76	>TP53-L194P GLAPPQHPI	48	28
>TP53-L194P GLAPPQHLIR'	9	>TP53-L194P GLAPPQHPIR	11	2
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>TP53-L194P GLAPPQHLIR'	2	>TP53-L194P GLAPPQHPIR	2	0
>TP53-L194P GLAPPQHLI	1622	>TP53-L194P GLAPPQHPI	417	1205
>TP53-L194P GLAPPQHLIR'	282	>TP53-L194P GLAPPQHPIR	529	247
>TP53-L194P DGLAPPQHLI	1466	>TP53-L194P DGLAPPQHPI	317	1149
>TP53-L194P SDGLAPPQHI	104	>TP53-L194P SDGLAPPQHI	289	185
>TP53-L194R LIRVEGNLRV	35	>TP53-L194R RIRVEGNLRV	151	116
>TP53-L194R LIRVEGNL	1610	>TP53-L194R RIRVEGNL	38	1572
>TP53-L194R LIRVEGNLR	1087	>TP53-L194R RIRVEGNLR	27	1060
>TP53-L194R LIRVEGNLRV	296	>TP53-L194R RIRVEGNLRV	14	282
>TP53-L194R LIRVEGNLR	570	>TP53-L194R RIRVEGNLR	40	530
>TP53-L194R HLIRVEGNLR'	156	>TP53-L194R HRIRVEGNLR	21534	21378
>TP53-L194R HLIRVEGNL	226	>TP53-L194R HRIRVEGNL	22272	22046
>TP53-L194R HLIRVEGNLR'	111	>TP53-L194R HRIRVEGNLR	21031	20920
>TP53-L194R HLIRVEGNLR'	41	>TP53-L194R HRIRVEGNLR	18674	18633
>TP53-L194R HLIRVEGNLR'	322	>TP53-L194R HRIRVEGNLR	15151	14829
>TP53-L194R HLIRVEGNL	327	>TP53-L194R HRIRVEGNL	28986	28659
>TP53-L194R HLIRVEGNLR'	9	>TP53-L194R HRIRVEGNLR	15724	15715
>TP53-L194R HLIRVEGNLR'	27	>TP53-L194R HRIRVEGNLR	20051	20024
>TP53-L194R HLIRVEGNLR'	27	>TP53-L194R HRIRVEGNLR	20217	20190
>TP53-L194R HLIRVEGNL	153	>TP53-L194R HRIRVEGNL	32602	32449
>TP53-L194R HLIRVEGNLR'	4	>TP53-L194R HRIRVEGNLR	14637	14633
>TP53-L194R HLIRVEGNLR	241	>TP53-L194R HRIRVEGNLR	1604	1363

>TP53-L194R HLIRVEGNLR	381	>TP53-L194R HRIRVEGNLR	1870	1489
>TP53-L194R HLIRVEGNLR	24	>TP53-L194R HRIRVEGNLR	647	623
>TP53-L194R HLIRVEGNLR'	398	>TP53-L194R HRIRVEGNLR	8960	8562
>TP53-L194R HLIRVEGNL	18055	>TP53-L194R HRIRVEGNL	118	17937
>TP53-L194R HLIRVEGNLR	17595	>TP53-L194R HRIRVEGNLR	25	17570
>TP53-L194R HLIRVEGNLR'	17543	>TP53-L194R HRIRVEGNLR	162	17381
>TP53-L194R HLIRVEGNL	19093	>TP53-L194R HRIRVEGNL	240	18853
>TP53-L194R HLIRVEGNLR	478	>TP53-L194R HRIRVEGNLR	1892	1414
>TP53-L194R APPQHHRIV	759	>TP53-L194R APPQHHRIV	79	680
>TP53-L194R LAPPQHHRIV	395	>TP53-L194R LAPPQHHRIV	3072	2677
>TP53-L194R LAPPQHHRIV	52	>TP53-L194R LAPPQHHRIV	170	118
>TP53-L194R LAPPQHHRIV	5	>TP53-L194R LAPPQHHRIV	25	20
>TP53-L194R LAPPQHHRIV	28	>TP53-L194R LAPPQHHRIV	65	37
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>TP53-L194R GLAPPQHR	15	>TP53-L194R GLAPPQHR	38	23
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>TP53-L194R GLAPPQHR	44	>TP53-L194R GLAPPQHR	305	261
>TP53-L194R GLAPPQHR	16	>TP53-L194R GLAPPQHR	10847	10831
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>TP53-L194R GLAPPQHR	26	>TP53-L194R GLAPPQHR	20651	20625
>TP53-L194R GLAPPQHR	22	>TP53-L194R GLAPPQHR	26	4
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>TP53-L194R GLAPPQHR	18372	>TP53-L194R GLAPPQHR	274	18098
>TP53-L194R GLAPPQHR	282	>TP53-L194R GLAPPQHR	605	323
>TP53-L194R SDGLAPPQHI	104	>TP53-L194R SDGLAPPQHI	294	190
>TP53-L194V LIRVEGNLRV	35	>TP53-L194V VIRVEGNLRV	49	14

>TP53-L194V LIRVEGNLRV	296	>TP53-L194V VIRVEGNLRV	672	376
>TP53-L194V HLIRVEGNLR'	156	>TP53-L194V HVIRVEGNLR	2311	2155
>TP53-L194V HLIRVEGNL	226	>TP53-L194V HVIRVEGNL	4457	4231
>TP53-L194V HLIRVEGNLR'	111	>TP53-L194V HVIRVEGNLR	2940	2829
>TP53-L194V HLIRVEGNLR'	41	>TP53-L194V HVIRVEGNLR	1037	996
>TP53-L194V HLIRVEGNLR'	322	>TP53-L194V HVIRVEGNLR	466	144
>TP53-L194V HLIRVEGNL	327	>TP53-L194V HVIRVEGNL	11468	11141
>TP53-L194V HLIRVEGNLR'	9	>TP53-L194V HVIRVEGNLR	668	659
>TP53-L194V HLIRVEGNLR'	27	>TP53-L194V HVIRVEGNLR	3013	2986
>TP53-L194V HLIRVEGNLR'	27	>TP53-L194V HVIRVEGNLR	2008	1981
>TP53-L194V HLIRVEGNL	153	>TP53-L194V HVIRVEGNL	10456	10303
>TP53-L194V HLIRVEGNLR'	4	>TP53-L194V HVIRVEGNLR	138	134
>TP53-L194V HLIRVEGNL	2394	>TP53-L194V HVIRVEGNL	105	2289
>TP53-L194V HLIRVEGNLR	241	>TP53-L194V HVIRVEGNLR	187	54
>TP53-L194V HLIRVEGNLR	381	>TP53-L194V HVIRVEGNLR	295	86
>TP53-L194V HLIRVEGNLR	24	>TP53-L194V HVIRVEGNLR	5	19
>TP53-L194V HLIRVEGNL	3502	>TP53-L194V HVIRVEGNL	92	3410
>TP53-L194V HLIRVEGNLR'	398	>TP53-L194V HVIRVEGNLR	18	380
>TP53-L194V HLIRVEGNLR'	1132	>TP53-L194V HVIRVEGNLR	240	892
>TP53-L194V HLIRVEGNLR	478	>TP53-L194V HVIRVEGNLR	804	326
>TP53-L194V DSDGLAPPQI	1128	>TP53-L194V DSDGLAPPQI	125	1003
>TP53-L194V LAPPQHILIRV	395	>TP53-L194V LAPPQHIVIRV	1396	1001
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>TP53-L194V LAPPQHILIRV	52	>TP53-L194V LAPPQHIVIRV	43	9
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>TP53-L194V LAPPQHILI	5	>TP53-L194V LAPPQHIVI	11	6
>TP53-L194V LAPPQHILIRV	28	>TP53-L194V LAPPQHIVIRV	27	1
>TP53-L194V LAPPQHILI	70	>TP53-L194V LAPPQHIVI	66	4
>TP53-L194V GLAPPQHL	285	>TP53-L194V GLAPPQHVI	65	220
>TP53-L194V GLAPPQHILI	65	>TP53-L194V GLAPPQHVI	311	246
>TP53-L194V GLAPPQHLIR'	20	>TP53-L194V GLAPPQHIVIR	27	7
>TP53-L194V GLAPPQHL	22	>TP53-L194V GLAPPQHVI	19	3
>TP53-L194V GLAPPQHILI	15	>TP53-L194V GLAPPQHVI	57	42
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>TP53-L194V GLAPPQHL	61	>TP53-L194V GLAPPQHVI	8	53
>TP53-L194V GLAPPQHILI	31	>TP53-L194V GLAPPQHVI	80	49
>TP53-L194V GLAPPQHLIR'	7	>TP53-L194V GLAPPQHIVIR	7	0
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>TP53-L194V GLAPPQHLIR'	44	>TP53-L194V GLAPPQHIVIR	91	47
>TP53-L194V GLAPPQHL	16	>TP53-L194V GLAPPQHVI	3	13
>TP53-L194V GLAPPQHILI	13	>TP53-L194V GLAPPQHVI	13	0
>TP53-L194V GLAPPQHLIR'	3	>TP53-L194V GLAPPQHIVIR	3	0
>TP53-L194V GLAPPQHL	26	>TP53-L194V GLAPPQHVI	6	20

>TP53-L194V GLAPPQHLI	22	>TP53-L194V GLAPPQHVI	14	8
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>TP53-L194V GLAPPQHLIR	5	>TP53-L194V GLAPPQHVR	5	0
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>TP53-L194V GLAPPQHLI	76	>TP53-L194V GLAPPQHVI	46	30
>TP53-L194V GLAPPQHLIR	9	>TP53-L194V GLAPPQHVR	7	2
>TP53-L194V GLAPPQHL	5	>TP53-L194V GLAPPQHV	2	3
>TP53-L194V GLAPPQHLI	5	>TP53-L194V GLAPPQHVI	6	1
>TP53-L194V GLAPPQHLIR	2	>TP53-L194V GLAPPQHVR	2	0
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>TP53-L194V SDGLAPPQHI	104	>TP53-L194V SDGLAPPQH	183	79
>TP53-L201F PQHLIRVEGN	3922	>TP53-L201F PQHLIRVEGN	299	3623
>TP53-L201F EGNLRVEYL	2216	>TP53-L201F EGNFRVEYL	317	1899
>TP53-L201F VEGNLRVEYL	312	>TP53-L201F VEGNFRVEYL	350	38
>TP53-L201F VEGNLRVEY	1192	>TP53-L201F VEGNFRVEY	319	873
>TP53-L201F VEGNLRVEY	67	>TP53-L201F VEGNFRVEY	43	24
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>TP53-L201F VEGNLRVEYL	472	>TP53-L201F VEGNFRVEYL	498	26
>TP53-L201F VEGNLRVEY	338	>TP53-L201F VEGNFRVEY	331	7
>TP53-L201F VEGNLRVEYL	278	>TP53-L201F VEGNFRVEYL	366	88
>TP53-L201F RVEGNLRV	732	>TP53-L201F RVEGNFRV	167	565
>TP53-L201F RVEGNLRV	604	>TP53-L201F RVEGNFRV	276	328
>TP53-L201F RVEGNLRV	54	>TP53-L201F RVEGNFRV	30	24
>TP53-L201F RVEGNLRVEY	1211	>TP53-L201F RVEGNFRVEY	215	996
>TP53-L201F RVEGNLRVEY	224	>TP53-L201F RVEGNFRVEY	216	8
>TP53-L201F RVEGNLRVEY	301	>TP53-L201F RVEGNFRVEY	597	296
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>TP53-L201F IRVEGNLRVE	53	>TP53-L201F IRVEGNFRVE	48	5
>TP53-L201F LIRVEGNLRV	35	>TP53-L201F LIRVEGNFRV	19	16
>TP53-L201F LIRVEGNLR	1087	>TP53-L201F LIRVEGNFR	217	870
>TP53-L201F LIRVEGNLRV	296	>TP53-L201F LIRVEGNFRV	348	52
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>TP53-L201F LIRVEGNLR	1131	>TP53-L201F LIRVEGNFR	266	865
>TP53-L201F LIRVEGNL	7024	>TP53-L201F LIRVEGNF	476	6548
>TP53-L201F LIRVEGNL	4553	>TP53-L201F LIRVEGNF	329	4224
>TP53-L201F HLIRVEGNLR	156	>TP53-L201F HLIRVEGNFR	71	85
>TP53-L201F HLIRVEGNL	226	>TP53-L201F HLIRVEGNF	6189	5963
>TP53-L201F HLIRVEGNLR	111	>TP53-L201F HLIRVEGNFR	35	76
>TP53-L201F HLIRVEGNLR	41	>TP53-L201F HLIRVEGNFR	35	6
>TP53-L201F HLIRVEGNLR	322	>TP53-L201F HLIRVEGNFR	94	228
>TP53-L201F HLIRVEGNL	327	>TP53-L201F HLIRVEGNF	12571	12244

>TP53-L201F HLIRVEGNLR'	9	>TP53-L201F HLIRVEGNFR'	6	3
>TP53-L201F HLIRVEGNLR'	27	>TP53-L201F HLIRVEGNFR'	11	16
>TP53-L201F HLIRVEGNLR'	27	>TP53-L201F HLIRVEGNFR'	16	11
>TP53-L201F HLIRVEGNLR'	701	>TP53-L201F HLIRVEGNFR'	113	588
>TP53-L201F HLIRVEGNL	153	>TP53-L201F HLIRVEGNF	17156	17003
>TP53-L201F HLIRVEGNLR'	4	>TP53-L201F HLIRVEGNFR'	3	1
>TP53-L201F HLIRVEGNL	2394	>TP53-L201F HLIRVEGNF	481	1913
>TP53-L201F HLIRVEGNLR	241	>TP53-L201F HLIRVEGNFR	74	167
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>TP53-L201F HLIRVEGNLR	24	>TP53-L201F HLIRVEGNFR	16	8
>TP53-L201F HLIRVEGNLR'	398	>TP53-L201F HLIRVEGNFR'	78	320
>TP53-L201F HLIRVEGNLR'	1132	>TP53-L201F HLIRVEGNFR'	337	795
>TP53-L201F HLIRVEGNLR	478	>TP53-L201F HLIRVEGNFR	290	188
>TP53-L201F QHLIRVEGNL	709	>TP53-L201F QHLIRVEGNF	336	373
>TP53-L201P EGNLRVEYL	2216	>TP53-L201P EGNPRVEYL	485	1731
>TP53-L201P VEGNLRVEYL	312	>TP53-L201P VEGNPRVEYL	2306	1994
>TP53-L201P VEGNLRVEY	67	>TP53-L201P VEGNPRVEY	441	374
>TP53-L201P VEGNLRVEYL	472	>TP53-L201P VEGNPRVEYL	572	100
>TP53-L201P VEGNLRVEY	338	>TP53-L201P VEGNPRVEY	1710	1372
>TP53-L201P VEGNLRVEYL	278	>TP53-L201P VEGNPRVEYL	525	247
>TP53-L201P RVEGNLRV	604	>TP53-L201P RVEGNPRV	403	201
>TP53-L201P RVEGNLRV	54	>TP53-L201P RVEGNPRV	59	5
>TP53-L201P RVEGNLRVEY	224	>TP53-L201P RVEGNPRVEY	273	49
>TP53-L201P RVEGNLRVEY	301	>TP53-L201P RVEGNPRVEY	289	12
>TP53-L201P RVEGNLRVEY	400	>TP53-L201P RVEGNPRVEY	277	123
>TP53-L201P IRVEGNLRVE'	53	>TP53-L201P IRVEGNPRVE	39	14
>TP53-L201P LIRVEGNLRV	35	>TP53-L201P LIRVEGNPRV	27	8
>TP53-L201P LIRVEGNLR	1087	>TP53-L201P LIRVEGNPR	419	668
>TP53-L201P LIRVEGNLRV	296	>TP53-L201P LIRVEGNPRV	180	116
>TP53-L201P LIRVEGNLR	570	>TP53-L201P LIRVEGNPR	364	206
>TP53-L201P HLIRVEGNLR'	156	>TP53-L201P HLIRVEGNPR	110	46
>TP53-L201P HLIRVEGNL	226	>TP53-L201P HLIRVEGNP	12970	12744
>TP53-L201P HLIRVEGNLR'	111	>TP53-L201P HLIRVEGNPR	113	2
>TP53-L201P HLIRVEGNLR'	41	>TP53-L201P HLIRVEGNPR	49	8
>TP53-L201P HLIRVEGNLR'	322	>TP53-L201P HLIRVEGNPR	234	88
>TP53-L201P HLIRVEGNL	327	>TP53-L201P HLIRVEGNP	20604	20277
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>TP53-L201P HLIRVEGNLR'	27	>TP53-L201P HLIRVEGNPR	23	4
>TP53-L201P HLIRVEGNLR'	27	>TP53-L201P HLIRVEGNPR	17	10
>TP53-L201P HLIRVEGNLR'	701	>TP53-L201P HLIRVEGNPR	259	442
>TP53-L201P HLIRVEGNL	153	>TP53-L201P HLIRVEGNP	25667	25514
>TP53-L201P HLIRVEGNLR'	4	>TP53-L201P HLIRVEGNPR	4	0
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>TP53-L201P HLIRVEGNLR'	1132	>TP53-L201P HLIRVEGNPR	452	680
>TP53-L201P HLIRVEGNLR	478	>TP53-L201P HLIRVEGNPR	353	125
>TP53-L201P QHLIRVEGNL	709	>TP53-L201P QHLIRVEGNP	398	311
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>TP53-L201S VEGNLRVEY	1192	>TP53-L201S VEGNSRVEY	261	931
>TP53-L201S VEGNLRVEY	67	>TP53-L201S VEGNSRVEY	217	150
>TP53-L201S VEGNLRVEYL	472	>TP53-L201S VEGNSRVEYL	587	115
>TP53-L201S VEGNLRVEY	338	>TP53-L201S VEGNSRVEY	503	165
>TP53-L201S VEGNLRVEYL	278	>TP53-L201S VEGNSRVEYL	334	56
>TP53-L201S RVEGNLRV	54	>TP53-L201S RVEGNSRV	56	2
>TP53-L201S RVEGNLRVEY	224	>TP53-L201S RVEGNSRVEY	216	8
>TP53-L201S RVEGNLRVEY	301	>TP53-L201S RVEGNSRVEY	83	218
>TP53-L201S RVEGNLRVEY	400	>TP53-L201S RVEGNSRVEY	275	125
>TP53-L201S RVEGNLRVEY	933	>TP53-L201S RVEGNSRVEY	478	455
>TP53-L201S IRVEGNLRVE'	53	>TP53-L201S IRVEGNSRVE'	24	29
>TP53-L201S LIRVEGNLRV	555	>TP53-L201S LIRVEGNSRV	472	83
>TP53-L201S LIRVEGNLRV	35	>TP53-L201S LIRVEGNSRV	27	8
>TP53-L201S LIRVEGNLRV	296	>TP53-L201S LIRVEGNSRV	552	256
>TP53-L201S HLIRVEGNLR'	156	>TP53-L201S HLIRVEGNSR'	314	158
>TP53-L201S HLIRVEGNL	226	>TP53-L201S HLIRVEGNS	9175	8949
>TP53-L201S HLIRVEGNLR'	111	>TP53-L201S HLIRVEGNSR'	66	45
>TP53-L201S HLIRVEGNLR'	41	>TP53-L201S HLIRVEGNSR'	21	20
>TP53-L201S HLIRVEGNLR'	322	>TP53-L201S HLIRVEGNSR'	595	273
>TP53-L201S HLIRVEGNL	327	>TP53-L201S HLIRVEGNS	13304	12977
>TP53-L201S HLIRVEGNLR'	9	>TP53-L201S HLIRVEGNSR'	9	0
>TP53-L201S HLIRVEGNLR'	27	>TP53-L201S HLIRVEGNSR'	21	6
>TP53-L201S HLIRVEGNLR'	27	>TP53-L201S HLIRVEGNSR'	32	5
>TP53-L201S HLIRVEGNL	153	>TP53-L201S HLIRVEGNS	16813	16660
>TP53-L201S HLIRVEGNLR'	4	>TP53-L201S HLIRVEGNSR'	4	0
>TP53-L201S HLIRVEGNLR	241	>TP53-L201S HLIRVEGNSR	335	94
>TP53-L201S HLIRVEGNLR	381	>TP53-L201S HLIRVEGNSR	538	157
>TP53-L201S HLIRVEGNLR	24	>TP53-L201S HLIRVEGNSR	82	58
>TP53-L201S HLIRVEGNLR'	398	>TP53-L201S HLIRVEGNSR'	178	220
>TP53-L201S HLIRVEGNLR	478	>TP53-L201S HLIRVEGNSR	865	387
>TP53-L206F LDDRNTFRHS	482	>TP53-L206F FDDRNTFRHS	332	150
>TP53-L206F YLDDRNTF	187	>TP53-L206F YFDDRNTF	8719	8532
>TP53-L206F YLDDRNTFRH	333	>TP53-L206F YFDDRNTFRH	13174	12841
>TP53-L206F YLDDRNTF	149	>TP53-L206F YFDDRNTF	17623	17474
>TP53-L206F YLDDRNTFRH	155	>TP53-L206F YFDDRNTFRH	18903	18748
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>TP53-L206F YLDDRNTF	87	>TP53-L206F YFDDRNTF	25474	25387
>TP53-L206F YLDDRNTFR	189	>TP53-L206F YFDDRNTFR	27503	27314
>TP53-L206F YLDDRNTFR+	187	>TP53-L206F YFDDRNTFR+	26879	26692
>TP53-L206F YLDDRNTFR+	171	>TP53-L206F YFDDRNTFR+	26368	26197
>TP53-L206F YLDDRNTF	5543	>TP53-L206F YFDDRNTF	328	5215
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>TP53-L206F YLDDRNTF	255	>TP53-L206F YFDDRNTF	1206	951
>TP53-L206F YLDDRNTFR	336	>TP53-L206F YFDDRNTFR	92	244
>TP53-L206F RVEGNLRVEY	1375	>TP53-L206F RVEGNLRVEY	328	1047
>TP53-L206F RVEGNLRVEY	1887	>TP53-L206F RVEGNLRVEY	149	1738
>TP53-L206F EYLDDRNTF	103	>TP53-L206F EYFDDRNTF	91	12
>TP53-L206F EYLDDRNTF	18	>TP53-L206F EYFDDRNTF	20	2
>TP53-L206F EYLDDRNTF	381	>TP53-L206F EYFDDRNTF	202	179
>TP53-L206F EYLDDRNTF	301	>TP53-L206F EYFDDRNTF	1584	1283
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>TP53-L206F RVEYLDDRNT	40	>TP53-L206F RVEYFDDRNT	30	10
>TP53-L206F RVEYLDDR	652	>TP53-L206F RVEYFDDR	245	407
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>TP53-L252F RPILTIITL	34	>TP53-L252F RPIFTIITL	28	6
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>TP53-L252F RPILTIITL	66	>TP53-L252F RPIFTIITL	115	49
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>TP53-L252F RRPILTIITL	921	>TP53-L252F RRPIFTIITL	465	456
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>TP53-L252F RRPILTII	33	>TP53-L252F RRPIFTII	26	7
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>TP53-L252F RRPILTIITL	16	>TP53-L252F RRPIFTIITL	16	0
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>TP53-L252F GGMNRRPIL	538	>TP53-L252F GGMNRRPIF	370	168
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>TP53-L252H RPILTIITL	104	>TP53-L252H RPIHTIITL	52	52
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>TP53-L252H RPILTIITL	34	>TP53-L252H RPIHTIITL	17	17
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>TP53-L252H RPILTIITL	391	>TP53-L252H RPIHTIITL	171	220
>TP53-L252H RPILTIITL	66	>TP53-L252H RPIHTIITL	54	12
>TP53-L252H RPILTIITL	89	>TP53-L252H RPIHTIITL	52	37
>TP53-L252H RPILTIITL	671	>TP53-L252H RPIHTIITL	132	539
>TP53-L252H RRPILTIITL	921	>TP53-L252H RRPPIHTIITL	463	458
>TP53-L252H RRPILTII	220	>TP53-L252H RRPPIHTII	594	374
>TP53-L252H RRPILTIITL	14	>TP53-L252H RRPPIHTIITL	22	8
>TP53-L252H RRPILTIITL	492	>TP53-L252H RRPPIHTIITL	487	5
>TP53-L252H RRPILTII	33	>TP53-L252H RRPPIHTII	81	48
>TP53-L252H RRPILTIIT	86	>TP53-L252H RRPPIHTIIT	159	73
>TP53-L252H RRPILTIITL	16	>TP53-L252H RRPPIHTIITL	17	1
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>TP53-L252H RRPILTII	319	>TP53-L252H RRPPIHTII	1386	1067
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>TP53-L252H RRPILTIITL	14	>TP53-L252H RRPPIHTIITL	23	9
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>TP53-L252H NRRPILTIITL	710	>TP53-L252H NRRPPIHTIITL	409	301
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>TP53-L252H NRRPILTI	674	>TP53-L252H NRRPPIHTI	486	188
>TP53-L252H NRRPILTII	281	>TP53-L252H NRRPPIHTII	347	66
>TP53-L252H NRRPILTIITL	50	>TP53-L252H NRRPPIHTIITL	50	0
>TP53-L252H NRRPILTII	224	>TP53-L252H NRRPPIHTII	325	101
>TP53-L252H NRRPILTIITL	12	>TP53-L252H NRRPPIHTIITL	16	4
>TP53-L252H MNRRPILTI	35	>TP53-L252H MNRRPPIHTI	74	39
>TP53-L252H MNRRPILTII	200	>TP53-L252H MNRRPPIHTII	114	86
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>TP53-L252H MNRRPILTI	399	>TP53-L252H MNRRPPIHTI	697	298
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>TP53-L252H GMNRRPILTI	168	>TP53-L252H GMNRRPPIHTI	486	318
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>TP53-L252H GMNRRPILTI	61	>TP53-L252H GMNRRPPIHTI	110	49
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>TP53-L252H GMNRRPIL	229	>TP53-L252H GMNRRPIH	24180	23951
>TP53-L252H GMNRRPILTI	10	>TP53-L252H GMNRRPPIHTI	7	3
>TP53-L252H GMNRRPILTI	93	>TP53-L252H GMNRRPPIHTI	119	26

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>TP53-L252HGMNRRPILTI	53	>TP53-L252HGMNRRPIHTI	158	105
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>TP53-L252HGMNRRPILTI	66	>TP53-L252HGMNRRPIHTI	36	30
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>TP53-L252HGMNRRPIL	32	>TP53-L252HGMNRRPIH	19183	19151
>TP53-L252HGMNRRPILTI	43	>TP53-L252HGMNRRPIHTI	17	26
>TP53-L252HGMNRRPILTI	102	>TP53-L252HGMNRRPIHTI	143	41
>TP53-L252HGMNRRPILTI	147	>TP53-L252HGMNRRPIHTI	213	66
>TP53-L252HGGMNRRPIL	444	>TP53-L252HGGMNRRPIH	16697	16253
>TP53-L252P ILTIITLEDSS	31918	>TP53-L252P IPTIITLEDSS	473	31445
>TP53-L252P CMGGMNRR	88	>TP53-L252P CMGGMNRR	23233	23145
>TP53-L252P RPILTIITL	104	>TP53-L252P RPIPTIITL	17	87
>TP53-L252P RPILTIIT	1023	>TP53-L252P RPIPTIIT	357	666
>TP53-L252P RPILTIITL	34	>TP53-L252P RPIPTIITL	22	12
>TP53-L252P RPILTIITL	3886	>TP53-L252P RPIPTIITL	387	3499
>TP53-L252P RPILTIITL	391	>TP53-L252P RPIPTIITL	195	196
>TP53-L252P RPILTIITL	66	>TP53-L252P RPIPTIITL	37	29
>TP53-L252P RPILTIITL	89	>TP53-L252P RPIPTIITL	40	49
>TP53-L252P RPILTIITL	671	>TP53-L252P RPIPTIITL	379	292
>TP53-L252P RRPILTII	220	>TP53-L252P RRP IPTII	829	609
>TP53-L252P RRPILTIIITL	14	>TP53-L252P RRP IPTIIITL	25	11
>TP53-L252P RRPILTIIITL	492	>TP53-L252P RRP IPTIIITL	237	255
>TP53-L252P RRPILTII	33	>TP53-L252P RRP IPTII	176	143
>TP53-L252P RRPILTIIIT	86	>TP53-L252P RRP IPTIIIT	152	66
>TP53-L252P RRPILTIIITL	16	>TP53-L252P RRP IPTIIITL	15	1
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>TP53-L252P RRPILTII	319	>TP53-L252P RRP IPTII	1859	1540
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>TP53-L252P NRRPILTIITL	710	>TP53-L252P NRRP IPTIIITL	490	220
>TP53-L252P NRRPILTIITL	701	>TP53-L252P NRRP IPTIIITL	282	419
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>TP53-L252P MNRRPILTII	200	>TP53-L252P MNRRP IPTII	157	43
>TP53-L252P MNRRPILTI	457	>TP53-L252P MNRRP IPTI	820	363

>TP53-L252P MNRRPILTI	399	>TP53-L252P MNRRPIPTI	300	99
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>TP53-L252P GMNRRPILTI	168	>TP53-L252P GMNRRPIPTI	392	224
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>TP53-L252P GMNRRPILT	822	>TP53-L252P GMNRRPIPT	393	429
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>TP53-L252P GMNRRPIL	182	>TP53-L252P GMNRRPIP	21608	21426
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>TP53-L252P GMNRRPILTI	66	>TP53-L252P GMNRRPIPTI	32	34
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>TP53-L252P GGMNRRPIL	444	>TP53-L252P GGMNRRPIP	13170	12726
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>TP53-L257P LEDSSGNL	33	>TP53-L257P PEDSSGNL	660	627
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>TP53-L257P TLEDSSGNLL	133	>TP53-L257P TPEDSSGNLL	21519	21386
>TP53-L257P TLEDSSGNL	24	>TP53-L257P TPEDSSGNL	31642	31618
>TP53-L257P TLEDSSGNLL	23	>TP53-L257P TPEDSSGNLL	30320	30297
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>TP53-L257P ITLEDSSGNL	495	>TP53-L257P ITPEDSSGNL	1322	827
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>TP53-L257P ITLEDSSGNL	371	>TP53-L257P ITPEDSSGNL	1863	1492
>TP53-L257P ITLEDSSGNLL	270	>TP53-L257P ITPEDSSGNLL	1027	757
>TP53-L257P ITLEDSSGNL	302	>TP53-L257P ITPEDSSGNL	2008	1706
>TP53-L257P ITLEDSSGNLL	339	>TP53-L257P ITPEDSSGNLL	2162	1823
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>TP53-L257P ITLEDSSGNL	6	>TP53-L257P ITPEDSSGNL	122	116
>TP53-L257P ITLEDSSGNLL	18	>TP53-L257P ITPEDSSGNLL	546	528
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>TP53-L257P ITLEDSSGNLL	259	>TP53-L257P ITPEDSSGNLL	2	257
>TP53-L257P ITLEDSSGNL	341	>TP53-L257P ITPEDSSGNL	359	18
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>TP53-L257P IITLEDSSGNL	2131	>TP53-L257P IITPEDSSGNL	265	1866
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>TP53-L257P RRPILTIITL	129	>TP53-L257P RRPILTIITPE	268	139
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>TP53-L257P RRPILTIITL	467	>TP53-L257P RRPILTIITPE	1386	919
>TP53-L257C LEDSSGNL	727	>TP53-L257C QEDSSGNL	126	601
>TP53-L257C LEDSSGNL	33	>TP53-L257C QEDSSGNL	54	21
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>TP53-L257C TLEDSSGNLL	133	>TP53-L257C TQEDSSGNLL	2403	2270
>TP53-L257C TLEDSSGNL	24	>TP53-L257C TQEDSSGNL	21049	21025
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>TP53-L257C NRRPILTIITL	12	>TP53-L257C NRRPILTIITQ	2396	2384
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>TP53-L257C ITLEDSSGNL	302	>TP53-L257C ITQEDSSGNL	2502	2200
>TP53-L257C ITLEDSSGNLL	339	>TP53-L257C ITQEDSSGNL	2714	2375
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>TP53-L257C ITLEDSSGNL	341	>TP53-L257C ITQEDSSGNL	111	230
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>TP53-L257C RPILTIITL	104	>TP53-L257C RPILTIITQ	18077	17973
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>TP53-L257C RPILTIITL	391	>TP53-L257C RPILTIITQ	2770	2379
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>TP53-L257R LEDSSGNL	33	>TP53-L257R REDSSGNL	10	23
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>TP53-L257R TLEDSSGNLL	133	>TP53-L257R TREDSSGNLL	18642	18509
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>TP53-L257R TLEDSSGNLL	23	>TP53-L257R TREDSSGNLL	26630	26607
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>TP53-L257R RRPILTIITL	14	>TP53-L257R RRPILTIITR	47	33
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>TP53-L257V LEDSSGNL	33	>TP53-L257V VEDSSGNL	58	25
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>TP53-L257V TLEDSSGNL	62	>TP53-L257V TVEDSSGNL	3848	3786
>TP53-L257V TLEDSSGNLL	133	>TP53-L257V TVEDSSGNLL	2712	2579
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>TP53-L257V TLEDSSGNLL	23	>TP53-L257V TVEDSSGNLL	3605	3582
>TP53-L257V NRRPILTIITL	50	>TP53-L257V NRRPILTIITV	194	144
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>TP53-L257V ITLEDSSGNLL	536	>TP53-L257V ITVEDSSGNLI	230	306
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>TP53-L257V ITLEDSSGNL	371	>TP53-L257V ITVEDSSGNL	976	605
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>TP53-L257V ITLEDSSGNL	302	>TP53-L257V ITVEDSSGNL	2009	1707
>TP53-L257V ITLEDSSGNLL	339	>TP53-L257V ITVEDSSGNLI	2174	1835
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>TP53-L257V ITLEDSSGNLL	259	>TP53-L257V ITVEDSSGNLI	49	210
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>TP53-L257V RRPILTIITL	16	>TP53-L257V RRPILTIITV	51	35
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>TP53-L257V RRPILTIITL	14	>TP53-L257V RRPILTIITV	40	26
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>TP53-L264I- LLGRNSFEVR	137	>TP53-L264I- ILGRNSFEVR	140	3
>TP53-L264I- LLGRNSFEV	16	>TP53-L264I- ILGRNSFEV	16	0
>TP53-L264I- LLGRNSFEVR	62	>TP53-L264I- ILGRNSFEVR	61	1
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>TP53-L264I- LLGRNSFEV	39	>TP53-L264I- ILGRNSFEV	47	8
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>TP53-L264I- LLGRNSFEVR	3	>TP53-L264I- ILGRNSFEVR	3	0
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>TP53-L264I- LLGRNSFEV	2	>TP53-L264I- ILGRNSFEV	2	0
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>TP53-L264I- LLGRNSFEVR	773	>TP53-L264I- ILGRNSFEVR	326	447
>TP53-L264I- NLLGRNSFEV	29	>TP53-L264I- NILGRNSFEV	182	153
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>TP53-L264I- NLLGRNSF	65	>TP53-L264I- NILGRNSF	343	278
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>TP53-L264I- NLLGRNSFEV	195	>TP53-L264I- NILGRNSFEV	125	70
>TP53-L264I- SGNLLGRNSF	311	>TP53-L264I- SGNILGRNSF	318	7



>TP53-L264I-SSGNLLGR	627	>TP53-L264I-SSGNILGR	426	201
>TP53-L264I-SSGNLLGR	554	>TP53-L264I-SSGNILGR	484	70
>TP53-L264I-SSGNLLGR	744	>TP53-L264I-SSGNILGR	232	512
>TP53-L264I-SSGNLLGRNS	245	>TP53-L264I-SSGNILGRNS	394	149
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>TP53-L264I-SSGNLLGRNS	32	>TP53-L264I-SSGNILGRNS	29	3
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>TP53-L264I-DSSGNLLGR	664	>TP53-L264I-DSSGNILGR	466	198
>TP53-L264I-DSSGNLLGR	68	>TP53-L264I-DSSGNILGR	35	33
>TP53-L264I-EDSSGNLL	273	>TP53-L264I-EDSSGNIL	742	469
>TP53-L264I-LEDSSGNL	727	>TP53-L264I-LEDSSGNI	316	411
>TP53-L264I-LEDSSGNL	33	>TP53-L264I-LEDSSGNI	119	86
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>TP53-L264I-TLEDSSGNL	62	>TP53-L264I-TLEDSSGNI	296	234
>TP53-L264I-TLEDSSGNLL	133	>TP53-L264I-TLEDSSGNIL	491	358
>TP53-L264I-TLEDSSGNL	513	>TP53-L264I-TLEDSSGNI	263	250
>TP53-L264I-TLEDSSGNL	24	>TP53-L264I-TLEDSSGNI	126	102
>TP53-L264I-TLEDSSGNLL	23	>TP53-L264I-TLEDSSGNIL	50	27
>TP53-L264I-ITLEDSSGNL	495	>TP53-L264I-ITLEDSSGNI	938	443
>TP53-L264I-ITLEDSSGNL	471	>TP53-L264I-ITLEDSSGNI	328	143
>TP53-L264I-ITLEDSSGNL	371	>TP53-L264I-ITLEDSSGNI	338	33
>TP53-L264I-ITLEDSSGNLL	270	>TP53-L264I-ITLEDSSGNIL	639	369
>TP53-L264I-ITLEDSSGNL	302	>TP53-L264I-ITLEDSSGNI	260	42
>TP53-L264I-ITLEDSSGNLL	339	>TP53-L264I-ITLEDSSGNIL	966	627
>TP53-L264I-ITLEDSSGNL	137	>TP53-L264I-ITLEDSSGNI	74	63
>TP53-L264I-ITLEDSSGNLL	354	>TP53-L264I-ITLEDSSGNIL	923	569
>TP53-L264I-ITLEDSSGNLL	1117	>TP53-L264I-ITLEDSSGNIL	494	623
>TP53-L264I-ITLEDSSGNL	6	>TP53-L264I-ITLEDSSGNI	15	9
>TP53-L264I-ITLEDSSGNLL	18	>TP53-L264I-ITLEDSSGNIL	20	2
>TP53-L264I-ITLEDSSGNLL	259	>TP53-L264I-ITLEDSSGNIL	652	393
>TP53-L264I-ITLEDSSGNL	341	>TP53-L264I-ITLEDSSGNI	907	566
>TP53-L264I-ITLEDSSGNLL	30	>TP53-L264I-ITLEDSSGNIL	42	12
>TP53-L264I-ITLEDSSGNL	1970	>TP53-L264I-ITLEDSSGNI	168	1802
>TP53-L264P LLGRNSFEV	26	>TP53-L264P PLGRNSFEV	2306	2280
>TP53-L264P LLGRNSFEVR	137	>TP53-L264P PLGRNSFEVR	6062	5925
>TP53-L264P LLGRNSFEV	16	>TP53-L264P PLGRNSFEV	667	651
>TP53-L264P LLGRNSFEVR	62	>TP53-L264P PLGRNSFEVR	2069	2007
>TP53-L264P LLGRNSFEV	47	>TP53-L264P PLGRNSFEV	4203	4156
>TP53-L264P LLGRNSFEVR	214	>TP53-L264P PLGRNSFEVR	7211	6997
>TP53-L264P LLGRNSFEV	39	>TP53-L264P PLGRNSFEV	4732	4693
>TP53-L264P LLGRNSFEV	2	>TP53-L264P PLGRNSFEV	9	7
>TP53-L264P LLGRNSFEVR	3	>TP53-L264P PLGRNSFEVR	25	22
>TP53-L264P LLGRNSFEV	2	>TP53-L264P PLGRNSFEV	22	20

>TP53-L264P LLGRNSFEVR	7	>TP53-L264P PLGRNSFEVR	323	316
>TP53-L264P LLGRNSFEV	5	>TP53-L264P PLGRNSFEV	14	9
>TP53-L264P LLGRNSFEVR	9	>TP53-L264P PLGRNSFEVR	52	43
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>TP53-L264P LLGRNSFEVR	6	>TP53-L264P PLGRNSFEVR	45	39
>TP53-L264P LLGRNSFEV	2	>TP53-L264P PLGRNSFEV	4	2
>TP53-L264P LLGRNSFEVR	2	>TP53-L264P PLGRNSFEVR	7	5
>TP53-L264P LLGRNSFEVR	429	>TP53-L264P PLGRNSFEVR	4290	3861
>TP53-L264P LLGRNSFEV	425	>TP53-L264P PLGRNSFEV	1661	1236
>TP53-L264P NLLGRNSF	35500	>TP53-L264P NPLGRNSF	324	35176
>TP53-L264P NLLGRNSFEV	32773	>TP53-L264P NPLGRNSFEV	189	32584
>TP53-L264P NLLGRNSFEV	29	>TP53-L264P NPLGRNSFEV	12801	12772
>TP53-L264P NLLGRNSFEV	89	>TP53-L264P NPLGRNSFEV	15722	15633
>TP53-L264P NLLGRNSFEV	94	>TP53-L264P NPLGRNSFEV	15490	15396
>TP53-L264P NLLGRNSFEV	137	>TP53-L264P NPLGRNSFEV	4945	4808
>TP53-L264P NLLGRNSFEV	3	>TP53-L264P NPLGRNSFEV	7520	7517
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>TP53-L264P NLLGRNSFEV	109	>TP53-L264P NPLGRNSFEV	763	654
>TP53-L264P NLLGRNSFEV	309	>TP53-L264P NPLGRNSFEV	1851	1542
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>TP53-L264P NLLGRNSF	418	>TP53-L264P NPLGRNSF	2658	2240
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>TP53-L264P NLLGRNSF	29995	>TP53-L264P NPLGRNSF	367	29628
>TP53-L264P NLLGRNSF	22650	>TP53-L264P NPLGRNSF	367	22283
>TP53-L264P NLLGRNSFEV	195	>TP53-L264P NPLGRNSFEV	712	517
>TP53-L264P SGNLLGRNSF	311	>TP53-L264P SGNPLGRNSF	750	439
>TP53-L264P SSGNLLGRNS	245	>TP53-L264P SSGNPLGRNS	310	65
>TP53-L264P SSGNLLGRNS	701	>TP53-L264P SSGNPLGRNS	442	259
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>TP53-L264P SSGNLLGRNS	32	>TP53-L264P SSGNPLGRNS	33	1
>TP53-L264P SSGNLLGR	357	>TP53-L264P SSGNPLGR	517	160
>TP53-L264P DSSGNLLGR	68	>TP53-L264P DSSGNPLGR	90	22
>TP53-L264P EDSSGNLL	273	>TP53-L264P EDSSGNPL	4028	3755
>TP53-L264P LEDSSGNLL	2402	>TP53-L264P LEDSSGNPL	422	1980
>TP53-L264P LEDSSGNL	33	>TP53-L264P LEDSSGNP	7599	7566
>TP53-L264P LEDSSGNLL	20	>TP53-L264P LEDSSGNPL	16	4
>TP53-L264P LEDSSGNLL	1775	>TP53-L264P LEDSSGNPL	328	1447
>TP53-L264P TLEDSSGNL	62	>TP53-L264P TLEDSSGNP	12653	12591

>TP53-L264P TLEDSSGNLL	133	>TP53-L264P TLEDSSGNPL	110	23
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>TP53-L264P TLEDSSGNL	24	>TP53-L264P TLEDSSGNP	18879	18855
>TP53-L264P TLEDSSGNLL	23	>TP53-L264P TLEDSSGNPL	24	1
>TP53-L264P ITLEDSSGNL	495	>TP53-L264P ITLEDSSGNP	22140	21645
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>TP53-L264P ITLEDSSGNL	371	>TP53-L264P ITLEDSSGNP	14221	13850
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>TP53-L264P ITLEDSSGNL	302	>TP53-L264P ITLEDSSGNP	19062	18760
>TP53-L264P ITLEDSSGNLL	339	>TP53-L264P ITLEDSSGNPL	186	153
>TP53-L264P ITLEDSSGNLL	1053	>TP53-L264P ITLEDSSGNPL	314	739
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>TP53-L264P ITLEDSSGNLL	354	>TP53-L264P ITLEDSSGNPL	95	259
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>TP53-L264P ITLEDSSGNL	6	>TP53-L264P ITLEDSSGNP	6413	6407
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>TP53-L264R LLGRNSFEVR	214	>TP53-L264R RLGRNSFEVR	246	32
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>TP53-L264R LLGRNSFEVR	7	>TP53-L264R RLGRNSFEVR	9	2
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>TP53-L264R LLGRNSFEVR	429	>TP53-L264R RLGRNSFEVR	75	354
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>TP53-L264R LLGRNSFEVR	2135	>TP53-L264R RLGRNSFEVR	178	1957
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>TP53-L264R NLLGRNSFEV	29	>TP53-L264R NRLGRNSFEV	10845	10816
>TP53-L264R NLLGRNSFEV	89	>TP53-L264R NRLGRNSFEV	12725	12636
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>TP53-L264R NLLGRNSFEV	137	>TP53-L264R NRLGRNSFEV	3709	3572
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>TP53-L264R NLLGRNSFEV	5	>TP53-L264R NRLGRNSFEV	10167	10162
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>TP53-L264R NLLGRNSFEV	52	>TP53-L264R NRLGRNSFEV	6383	6331
>TP53-L264R NLLGRNSF	65	>TP53-L264R NRLGRNSF	3198	3133
>TP53-L264R NLLGRNSF	418	>TP53-L264R NRLGRNSF	195	223
>TP53-L264R NLLGRNSF	18424	>TP53-L264R NRLGRNSF	473	17951
>TP53-L264R NLLGRNSFEV	21002	>TP53-L264R NRLGRNSFEV	443	20559
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>TP53-L264R IITLEDSSGNL	29930	>TP53-L264R IITLEDSSGNR	104	29826
>TP53-L264R GNLLGRNSF	525	>TP53-L264R GNRLGRNSF	249	276
>TP53-L264R SGNLLGRNSF	311	>TP53-L264R SGNRLGRNSF	511	200
>TP53-L264R SSGNLLGR	554	>TP53-L264R SSGNRLGR	329	225
>TP53-L264R SSGNLLGRNS	245	>TP53-L264R SSGNRLGRNS	317	72
>TP53-L264R SSGNLLGRNS	390	>TP53-L264R SSGNRLGRNS	238	152
>TP53-L264R SSGNLLGRNS	32	>TP53-L264R SSGNRLGRNS	71	39
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>TP53-L264R DSSGNLLGR	664	>TP53-L264R DSSGNRLGR	247	417
>TP53-L264R DSSGNLLGR	68	>TP53-L264R DSSGNRLGR	31	37
>TP53-L264R EDSSGNLL	273	>TP53-L264R EDSSGNRL	4743	4470
>TP53-L264R LEDSSGNL	33	>TP53-L264R LEDSSGNR	14967	14934
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>TP53-L264R TLEDSSGNL	62	>TP53-L264R TLEDSSGNR	18161	18099
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>TP53-L264R ITLEDSSGNL	495	>TP53-L264R ITLEDSSGNR	20027	19532
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>TP53-L264R ITLEDSSGNLL	270	>TP53-L264R ITLEDSSGNRI	722	452
>TP53-L264R ITLEDSSGNL	302	>TP53-L264R ITLEDSSGNR	20576	20274
>TP53-L264R ITLEDSSGNLL	339	>TP53-L264R ITLEDSSGNRI	236	103
>TP53-L264R ITLEDSSGNL	32564	>TP53-L264R ITLEDSSGNR	349	32215
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>TP53-L264R ITLEDSSGNL	6	>TP53-L264R ITLEDSSGNR	2455	2449
>TP53-L264R ITLEDSSGNLL	18	>TP53-L264R ITLEDSSGNRI	8	10

>TP53-L264RITLEDSSGNLL	259	>TP53-L264RITLEDSSGNRI	1678	1419
>TP53-L264RITLEDSSGNL	341	>TP53-L264RITLEDSSGNR	14156	13815
>TP53-L264RITLEDSSGNLL	30	>TP53-L264RITLEDSSGNRI	46	16
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>TP53-L264VLLGRNSFEVR	62	>TP53-L264VVLGRNSFEVR	114	52
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>TP53-L264VLLGRNSFEV	425	>TP53-L264VVLGRNSFEV	975	550
>TP53-L264VNLLGRNSFEV	29	>TP53-L264VNVLGRNSFEV	439	410
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>TP53-L264VNLLGRNSFEV	3	>TP53-L264VNVLGRNSFEV	23	20
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>TP53-L264VNLLGRNSFEV	109	>TP53-L264VNVLGRNSFEV	95	14
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>TP53-L264VIITLEDSSGNL	2966	>TP53-L264VIITLEDSSGNV	352	2614
>TP53-L264VIITLEDSSGNL	2131	>TP53-L264VIITLEDSSGNV	96	2035
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>TP53-L264V SSGNLLGR	744	>TP53-L264V SSGNVLGR	285	459
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>TP53-L264V SSGNLLGRNS	32	>TP53-L264V SSGNVLGRNS	31	1
>TP53-L264V SSGNLLGR	357	>TP53-L264V SSGNVLGR	512	155
>TP53-L264V DSSGNLLGR	68	>TP53-L264V DSSGNVLGR	38	30
>TP53-L264V EDSSGNLL	273	>TP53-L264V EDSSGNVL	892	619
>TP53-L264V LEDSSGNLL	2402	>TP53-L264V LEDSSGNVL	279	2123
>TP53-L264V LEDSSGNL	33	>TP53-L264V LEDSSGNV	388	355
>TP53-L264V LEDSSGNLL	20	>TP53-L264V LEDSSGNVL	16	4
>TP53-L264V TLEDSSGNL	62	>TP53-L264V TLEDSSGNV	66	4
>TP53-L264V TLEDSSGNLL	133	>TP53-L264V TLEDSSGNVL	445	312
>TP53-L264V TLEDSSGNL	513	>TP53-L264V TLEDSSGNV	37	476
>TP53-L264V TLEDSSGNL	1522	>TP53-L264V TLEDSSGNV	100	1422
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>TP53-L264V TLEDSSGNL	3341	>TP53-L264V TLEDSSGNV	207	3134
>TP53-L264V TLEDSSGNL	24	>TP53-L264V TLEDSSGNV	4	20
>TP53-L264V TLEDSSGNLL	23	>TP53-L264V TLEDSSGNVL	36	13
>TP53-L264V ITLEDSSGNL	495	>TP53-L264V ITLEDSSGNV	481	14
>TP53-L264V ITLEDSSGNL	471	>TP53-L264V ITLEDSSGNV	85	386
>TP53-L264V ITLEDSSGNL	371	>TP53-L264V ITLEDSSGNV	91	280
>TP53-L264V ITLEDSSGNLL	270	>TP53-L264V ITLEDSSGNVI	631	361
>TP53-L264V ITLEDSSGNL	302	>TP53-L264V ITLEDSSGNV	21	281
>TP53-L264V ITLEDSSGNLL	339	>TP53-L264V ITLEDSSGNVI	359	20
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>TP53-L264V ITLEDSSGNL	1829	>TP53-L264V ITLEDSSGNV	107	1722
>TP53-L264V ITLEDSSGNL	3672	>TP53-L264V ITLEDSSGNV	252	3420
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>TP53-L264V ITLEDSSGNL	1595	>TP53-L264V ITLEDSSGNV	287	1308
>TP53-L264V ITLEDSSGNL	137	>TP53-L264V ITLEDSSGNV	15	122
>TP53-L264V ITLEDSSGNLL	354	>TP53-L264V ITLEDSSGNVI	788	434
>TP53-L264V ITLEDSSGNLL	1117	>TP53-L264V ITLEDSSGNVI	366	751
>TP53-L264V ITLEDSSGNL	6	>TP53-L264V ITLEDSSGNV	61	55
>TP53-L264V ITLEDSSGNLL	18	>TP53-L264V ITLEDSSGNVI	14	4
>TP53-L264V ITLEDSSGNLL	259	>TP53-L264V ITLEDSSGNVI	1001	742
>TP53-L264V ITLEDSSGNL	341	>TP53-L264V ITLEDSSGNV	630	289
>TP53-L264V ITLEDSSGNLL	30	>TP53-L264V ITLEDSSGNVI	39	9
>TP53-L265N LGRNSFEV	820	>TP53-L265N MGRNSFEV	114	706
>TP53-L265N LGRNSFEVR	286	>TP53-L265N MGRNSFEVR	51	235
>TP53-L265N LLGRNSFEV	5632	>TP53-L265N LMGRNSFEV	282	5350
>TP53-L265N LLGRNSFEV	26	>TP53-L265N LMGRNSFEV	22	4
>TP53-L265N LLGRNSFEVR	137	>TP53-L265N LMGRNSFEVI	109	28
>TP53-L265N LLGRNSFEV	16	>TP53-L265N LMGRNSFEV	14	2

>TP53-L265N LLGRNSFEVR	62	>TP53-L265N LMGRNSFEVI	60	2
>TP53-L265N LLGRNSFEV	47	>TP53-L265N LMGRNSFEV	32	15
>TP53-L265N LLGRNSFEVR	214	>TP53-L265N LMGRNSFEVI	151	63
>TP53-L265N LLGRNSFEV	39	>TP53-L265N LMGRNSFEV	23	16
>TP53-L265N LLGRNSFEVR	582	>TP53-L265N LMGRNSFEVI	379	203
>TP53-L265N LLGRNSFEV	2	>TP53-L265N LMGRNSFEV	2	0
>TP53-L265N LLGRNSFEVR	3	>TP53-L265N LMGRNSFEVI	3	0
>TP53-L265N LLGRNSFEV	2	>TP53-L265N LMGRNSFEV	2	0
>TP53-L265N LLGRNSFEVR	7	>TP53-L265N LMGRNSFEVI	6	1
>TP53-L265N LLGRNSFEV	5	>TP53-L265N LMGRNSFEV	6	1
>TP53-L265N LLGRNSFEVR	9	>TP53-L265N LMGRNSFEVI	10	1
>TP53-L265N LLGRNSFEV	2	>TP53-L265N LMGRNSFEV	2	0
>TP53-L265N LLGRNSFEVR	6	>TP53-L265N LMGRNSFEVI	5	1
>TP53-L265N LLGRNSFEV	2	>TP53-L265N LMGRNSFEV	2	0
>TP53-L265N LLGRNSFEVR	2	>TP53-L265N LMGRNSFEVI	2	0
>TP53-L265N LLGRNSFEVR	429	>TP53-L265N LMGRNSFEVI	151	278
>TP53-L265N LLGRNSFEV	425	>TP53-L265N LMGRNSFEV	397	28
>TP53-L265N LLGRNSFEVR	773	>TP53-L265N LMGRNSFEVI	327	446
>TP53-L265N ITLEDSSGNLL	270	>TP53-L265N ITLEDSSGNLM	1047	777
>TP53-L265N ITLEDSSGNLL	339	>TP53-L265N ITLEDSSGNLM	1976	1637
>TP53-L265N ITLEDSSGNLL	1180	>TP53-L265N ITLEDSSGNLM	136	1044
>TP53-L265N ITLEDSSGNLL	354	>TP53-L265N ITLEDSSGNLM	424	70
>TP53-L265N ITLEDSSGNLL	18	>TP53-L265N ITLEDSSGNLM	13	5
>TP53-L265N ITLEDSSGNLL	259	>TP53-L265N ITLEDSSGNLM	410	151
>TP53-L265N ITLEDSSGNLL	30	>TP53-L265N ITLEDSSGNLM	7	23
>TP53-L265N NLLGRNSFEV	29	>TP53-L265N NLMGRNSFE'	15	14
>TP53-L265N NLLGRNSFEV	89	>TP53-L265N NLMGRNSFE'	23	66
>TP53-L265N NLLGRNSFEV	94	>TP53-L265N NLMGRNSFE'	29	65
>TP53-L265N NLLGRNSFEV	137	>TP53-L265N NLMGRNSFE'	106	31
>TP53-L265N NLLGRNSFEV	3	>TP53-L265N NLMGRNSFE'	4	1
>TP53-L265N NLLGRNSFEV	5	>TP53-L265N NLMGRNSFE'	5	0
>TP53-L265N NLLGRNSFEV	7	>TP53-L265N NLMGRNSFE'	12	5
>TP53-L265N NLLGRNSFEV	3	>TP53-L265N NLMGRNSFE'	3	0
>TP53-L265N NLLGRNSFEV	3	>TP53-L265N NLMGRNSFE'	2	1
>TP53-L265N NLLGRNSFEV	502	>TP53-L265N NLMGRNSFE'	347	155
>TP53-L265N NLLGRNSF	826	>TP53-L265N NLMGRNSF	369	457
>TP53-L265N NLLGRNSFEV	109	>TP53-L265N NLMGRNSFE'	78	31
>TP53-L265N NLLGRNSFEV	309	>TP53-L265N NLMGRNSFE'	50	259
>TP53-L265N NLLGRNSFEV	52	>TP53-L265N NLMGRNSFE'	56	4
>TP53-L265N NLLGRNSF	501	>TP53-L265N NLMGRNSF	164	337
>TP53-L265N NLLGRNSF	968	>TP53-L265N NLMGRNSF	133	835
>TP53-L265N NLLGRNSF	65	>TP53-L265N NLMGRNSF	41	24
>TP53-L265N NLLGRNSF	418	>TP53-L265N NLMGRNSF	223	195

>TP53-L265N NLLGRNSFEV	195	>TP53-L265N NLMGRNSFE'	287	92
>TP53-L265N GNLLGRNSF	1249	>TP53-L265N GNLMGRNSF	281	968
>TP53-L265N GNLLGRNSF	525	>TP53-L265N GNLMGRNSF	289	236
>TP53-L265N SGNLLGRNSF	311	>TP53-L265N SGNLMGRNS	223	88
>TP53-L265N SSGNLLGR	627	>TP53-L265N SSGNLMGR	360	267
>TP53-L265N SSGNLLGR	554	>TP53-L265N SSGNLMGR	277	277
>TP53-L265N SSGNLLGR	744	>TP53-L265N SSGNLMGR	310	434
>TP53-L265N SSGNLLGRNS	245	>TP53-L265N SSGNLMGRN	189	56
>TP53-L265N SSGNLLGRNS	390	>TP53-L265N SSGNLMGRN	191	199
>TP53-L265N SSGNLLGRNS	32	>TP53-L265N SSGNLMGRN	25	7
>TP53-L265N SSGNLLGR	357	>TP53-L265N SSGNLMGR	263	94
>TP53-L265N DSSGNLLGR	664	>TP53-L265N DSSGNLMGR	190	474
>TP53-L265N DSSGNLLGR	68	>TP53-L265N DSSGNLMGR	21	47
>TP53-L265N EDSSGNLL	273	>TP53-L265N EDSSGNLM	515	242
>TP53-L265N LEDSSGNLL	20	>TP53-L265N LEDSSGNLM	127	107
>TP53-L265N TLEDSSGNLL	133	>TP53-L265N TLEDSSGNLM	763	630
>TP53-L265N TLEDSSGNLL	23	>TP53-L265N TLEDSSGNLM	691	668
>TP53-L265P LGRNSFEVR	286	>TP53-L265P PGRNSFEVR	3340	3054
>TP53-L265P LLGRNSFEV	30935	>TP53-L265P LPGRNSFEV	32	30903
>TP53-L265P LLGRNSFEV	26	>TP53-L265P LPGRNSFEV	19322	19296
>TP53-L265P LLGRNSFEVR	137	>TP53-L265P LPGRNSFEVR	22246	22109
>TP53-L265P LLGRNSFEV	16	>TP53-L265P LPGRNSFEV	17981	17965
>TP53-L265P LLGRNSFEVR	62	>TP53-L265P LPGRNSFEVR	24522	24460
>TP53-L265P LLGRNSFEV	47	>TP53-L265P LPGRNSFEV	21585	21538
>TP53-L265P LLGRNSFEVR	214	>TP53-L265P LPGRNSFEVR	23285	23071
>TP53-L265P LLGRNSFEV	39	>TP53-L265P LPGRNSFEV	13331	13292
>TP53-L265P LLGRNSFEV	2	>TP53-L265P LPGRNSFEV	6099	6097
>TP53-L265P LLGRNSFEVR	3	>TP53-L265P LPGRNSFEVR	9715	9712
>TP53-L265P LLGRNSFEV	2	>TP53-L265P LPGRNSFEV	10695	10693
>TP53-L265P LLGRNSFEVR	7	>TP53-L265P LPGRNSFEVR	17910	17903
>TP53-L265P LLGRNSFEV	5	>TP53-L265P LPGRNSFEV	12585	12580
>TP53-L265P LLGRNSFEVR	9	>TP53-L265P LPGRNSFEVR	17998	17989
>TP53-L265P LLGRNSFEV	2	>TP53-L265P LPGRNSFEV	17301	17299
>TP53-L265P LLGRNSFEVR	6	>TP53-L265P LPGRNSFEVR	20818	20812
>TP53-L265P LLGRNSFEV	2	>TP53-L265P LPGRNSFEV	6676	6674
>TP53-L265P LLGRNSFEVR	2	>TP53-L265P LPGRNSFEVR	9831	9829
>TP53-L265P LLGRNSFEVR	429	>TP53-L265P LPGRNSFEVR	5255	4826
>TP53-L265P LLGRNSFEV	425	>TP53-L265P LPGRNSFEV	1806	1381
>TP53-L265P LLGRNSFEV	23925	>TP53-L265P LPGRNSFEV	420	23505
>TP53-L265P LLGRNSFEV	22826	>TP53-L265P LPGRNSFEV	370	22456
>TP53-L265P LLGRNSFEV	28344	>TP53-L265P LPGRNSFEV	164	28180
>TP53-L265P LLGRNSFEVR	29846	>TP53-L265P LPGRNSFEVR	385	29461
>TP53-L265P ITLEDSSGNLL	270	>TP53-L265P ITLEDSSGNLF	11005	10735



>TP53-L265P ITLEDSSGNLL	339	>TP53-L265P ITLEDSSGNLF	19171	18832
>TP53-L265P ITLEDSSGNLL	354	>TP53-L265P ITLEDSSGNLF	14289	13935
>TP53-L265P ITLEDSSGNLL	18	>TP53-L265P ITLEDSSGNLF	9147	9129
>TP53-L265P ITLEDSSGNLL	259	>TP53-L265P ITLEDSSGNLF	13542	13283
>TP53-L265P ITLEDSSGNLL	30	>TP53-L265P ITLEDSSGNLF	2742	2712
>TP53-L265P NLLGRNSFEV	29	>TP53-L265P NLPGRNSFEV	325	296
>TP53-L265P NLLGRNSFEV	89	>TP53-L265P NLPGRNSFEV	179	90
>TP53-L265P NLLGRNSFEV	94	>TP53-L265P NLPGRNSFEV	269	175
>TP53-L265P NLLGRNSFEV	137	>TP53-L265P NLPGRNSFEV	521	384
>TP53-L265P NLLGRNSFEV	3	>TP53-L265P NLPGRNSFEV	9	6
>TP53-L265P NLLGRNSFEV	5	>TP53-L265P NLPGRNSFEV	29	24
>TP53-L265P NLLGRNSFEV	7	>TP53-L265P NLPGRNSFEV	16	9
>TP53-L265P NLLGRNSFEV	3	>TP53-L265P NLPGRNSFEV	15	12
>TP53-L265P NLLGRNSFEV	3	>TP53-L265P NLPGRNSFEV	3	0
>TP53-L265P NLLGRNSFEV	109	>TP53-L265P NLPGRNSFEV	760	651
>TP53-L265P NLLGRNSFEV	309	>TP53-L265P NLPGRNSFEV	386	77
>TP53-L265P NLLGRNSFEV	52	>TP53-L265P NLPGRNSFEV	787	735
>TP53-L265P NLLGRNSF	65	>TP53-L265P NLPGRNSF	197	132
>TP53-L265P NLLGRNSF	418	>TP53-L265P NLPGRNSF	3725	3307
>TP53-L265P NLLGRNSFEV	195	>TP53-L265P NLPGRNSFEV	523	328
>TP53-L265P GNLLGRNSF	1249	>TP53-L265P GNLPGRNSF	348	901
>TP53-L265P GNLLGRNSF	525	>TP53-L265P GNLPGRNSF	231	294
>TP53-L265P SGNLLGRNSF	311	>TP53-L265P SGNLPGRNSF	511	200
>TP53-L265P SSGNLLGRNS	245	>TP53-L265P SSGNLPGRNS	335	90
>TP53-L265P SSGNLLGRNS	701	>TP53-L265P SSGNLPGRNS	446	255
>TP53-L265P SSGNLLGRNS	390	>TP53-L265P SSGNLPGRNS	292	98
>TP53-L265P SSGNLLGRNS	32	>TP53-L265P SSGNLPGRNS	42	10
>TP53-L265P SSGNLLGR	357	>TP53-L265P SSGNLPGR	429	72
>TP53-L265P DSSGNLLGR	68	>TP53-L265P DSSGNLPGR	43	25
>TP53-L265P EDSSGNLL	273	>TP53-L265P EDSSGNLP	9686	9413
>TP53-L265P LEDSSGNLL	20	>TP53-L265P LEDSSGNLP	5741	5721
>TP53-L265P TLEDSSGNLL	133	>TP53-L265P TLEDSSGNLP	17212	17079
>TP53-L265P TLEDSSGNLL	23	>TP53-L265P TLEDSSGNLP	16747	16724
>TP53-L265C LGRNSFEVR	286	>TP53-L265C QGRNSFEVR	887	601
>TP53-L265C LLGRNSFEV	26	>TP53-L265C LQGRNSFEV	229	203
>TP53-L265C LLGRNSFEVR	137	>TP53-L265C LQGRNSFEVF	1596	1459
>TP53-L265C LLGRNSFEV	16	>TP53-L265C LQGRNSFEV	257	241
>TP53-L265C LLGRNSFEVR	62	>TP53-L265C LQGRNSFEVF	1435	1373
>TP53-L265C LLGRNSFEV	47	>TP53-L265C LQGRNSFEV	1309	1262
>TP53-L265C LLGRNSFEVR	214	>TP53-L265C LQGRNSFEVF	3639	3425
>TP53-L265C LLGRNSFEV	39	>TP53-L265C LQGRNSFEV	14	25
>TP53-L265C LLGRNSFEVR	582	>TP53-L265C LQGRNSFEVF	297	285
>TP53-L265C LLGRNSFEV	2	>TP53-L265C LQGRNSFEV	35	33

>TP53-L265C LLGRNSFEVR	3	>TP53-L265C LQGRNSFEVF	121	118
>TP53-L265C LLGRNSFEV	2	>TP53-L265C LQGRNSFEV	16	14
>TP53-L265C LLGRNSFEVR	7	>TP53-L265C LQGRNSFEVF	335	328
>TP53-L265C LLGRNSFEV	5	>TP53-L265C LQGRNSFEV	102	97
>TP53-L265C LLGRNSFEVR	9	>TP53-L265C LQGRNSFEVF	923	914
>TP53-L265C LLGRNSFEV	2	>TP53-L265C LQGRNSFEV	199	197
>TP53-L265C LLGRNSFEVR	6	>TP53-L265C LQGRNSFEVF	2528	2522
>TP53-L265C LLGRNSFEV	2	>TP53-L265C LQGRNSFEV	53	51
>TP53-L265C LLGRNSFEVR	2	>TP53-L265C LQGRNSFEVF	167	165
>TP53-L265C LLGRNSFEVR	429	>TP53-L265C LQGRNSFEVF	845	416
>TP53-L265C LLGRNSFEV	425	>TP53-L265C LQGRNSFEV	6967	6542
>TP53-L265C ITLEDSSGNLL	270	>TP53-L265C ITLEDSSGNLC	7796	7526
>TP53-L265C ITLEDSSGNLL	339	>TP53-L265C ITLEDSSGNLC	11380	11041
>TP53-L265C ITLEDSSGNLL	354	>TP53-L265C ITLEDSSGNLC	9370	9016
>TP53-L265C ITLEDSSGNLL	18	>TP53-L265C ITLEDSSGNLC	2901	2883
>TP53-L265C ITLEDSSGNLL	259	>TP53-L265C ITLEDSSGNLC	10219	9960
>TP53-L265C ITLEDSSGNLL	30	>TP53-L265C ITLEDSSGNLC	435	405
>TP53-L265C NLLGRNSFEV	29	>TP53-L265C NLQGRNSFEV	450	421
>TP53-L265C NLLGRNSFEV	89	>TP53-L265C NLQGRNSFEV	260	171
>TP53-L265C NLLGRNSFEV	94	>TP53-L265C NLQGRNSFEV	308	214
>TP53-L265C NLLGRNSFEV	137	>TP53-L265C NLQGRNSFEV	1127	990
>TP53-L265C NLLGRNSFEV	3	>TP53-L265C NLQGRNSFEV	10	7
>TP53-L265C NLLGRNSFEV	5	>TP53-L265C NLQGRNSFEV	9	4
>TP53-L265C NLLGRNSFEV	7	>TP53-L265C NLQGRNSFEV	30	23
>TP53-L265C NLLGRNSFEV	3	>TP53-L265C NLQGRNSFEV	11	8
>TP53-L265C NLLGRNSFEV	3	>TP53-L265C NLQGRNSFEV	3	0
>TP53-L265C NLLGRNSFEV	109	>TP53-L265C NLQGRNSFEV	159	50
>TP53-L265C NLLGRNSFEV	309	>TP53-L265C NLQGRNSFEV	332	23
>TP53-L265C NLLGRNSFEV	52	>TP53-L265C NLQGRNSFEV	551	499
>TP53-L265C NLLGRNSF	968	>TP53-L265C NLQGRNSF	297	671
>TP53-L265C NLLGRNSF	65	>TP53-L265C NLQGRNSF	58	7
>TP53-L265C NLLGRNSF	418	>TP53-L265C NLQGRNSF	1787	1369
>TP53-L265C NLLGRNSFEV	195	>TP53-L265C NLQGRNSFEV	1122	927
>TP53-L265C GNLLGRNSF	525	>TP53-L265C GNLQGRNSF	239	286
>TP53-L265C SGNLLGRNSF	311	>TP53-L265C SGNLQGRNSF	279	32
>TP53-L265C SSGNLLGR	554	>TP53-L265C SSGNLQGR	474	80
>TP53-L265C SSGNLLGRNS	245	>TP53-L265C SSGNLQGRN!	245	0
>TP53-L265C SSGNLLGRNS	390	>TP53-L265C SSGNLQGRN!	469	79
>TP53-L265C SSGNLLGRNS	32	>TP53-L265C SSGNLQGRN!	37	5
>TP53-L265C SSGNLLGR	357	>TP53-L265C SSGNLQGR	1192	835
>TP53-L265C DSSGNLLGR	68	>TP53-L265C DSSGNLQGR	72	4
>TP53-L265C EDSSGNLL	273	>TP53-L265C EDSSGNLQ	8210	7937
>TP53-L265C LEDSSGNLL	20	>TP53-L265C LEDSSGNLQ	11477	11457

>TP53-L265C TLEDSSGNLL	133	>TP53-L265C TLEDSSGNLQ	17633	17500
>TP53-L265C TLEDSSGNLL	23	>TP53-L265C TLEDSSGNLQ	1602	1579
>TP53-L265R LGRNSFEV	820	>TP53-L265R RGRNSFEV	29	791
>TP53-L265R LGRNSFEVR	6129	>TP53-L265R RGRNSFEVR	469	5660
>TP53-L265R LGRNSFEVRV	2669	>TP53-L265R RGRNSFEVRV	120	2549
>TP53-L265R LGRNSFEVR	286	>TP53-L265R RGRNSFEVR	30	256
>TP53-L265R LGRNSFEVR	3056	>TP53-L265R RGRNSFEVR	422	2634
>TP53-L265R LLGRNSFEV	26	>TP53-L265R LRGRNSFEV	18783	18757
>TP53-L265R LLGRNSFEVR	137	>TP53-L265R LRGRNSFEVR	21946	21809
>TP53-L265R LLGRNSFEV	16	>TP53-L265R LRGRNSFEV	11890	11874
>TP53-L265R LLGRNSFEVR	62	>TP53-L265R LRGRNSFEVR	18138	18076
>TP53-L265R LLGRNSFEV	47	>TP53-L265R LRGRNSFEV	20041	19994
>TP53-L265R LLGRNSFEVR	214	>TP53-L265R LRGRNSFEVR	22084	21870
>TP53-L265R LLGRNSFEV	39	>TP53-L265R LRGRNSFEV	12276	12237
>TP53-L265R LLGRNSFEV	2	>TP53-L265R LRGRNSFEV	4526	4524
>TP53-L265R LLGRNSFEVR	3	>TP53-L265R LRGRNSFEVR	8023	8020
>TP53-L265R LLGRNSFEV	2	>TP53-L265R LRGRNSFEV	7741	7739
>TP53-L265R LLGRNSFEVR	7	>TP53-L265R LRGRNSFEVR	15565	15558
>TP53-L265R LLGRNSFEV	5	>TP53-L265R LRGRNSFEV	9909	9904
>TP53-L265R LLGRNSFEVR	9	>TP53-L265R LRGRNSFEVR	15829	15820
>TP53-L265R LLGRNSFEV	2	>TP53-L265R LRGRNSFEV	15123	15121
>TP53-L265R LLGRNSFEVR	6	>TP53-L265R LRGRNSFEVR	19487	19481
>TP53-L265R LLGRNSFEV	2	>TP53-L265R LRGRNSFEV	2292	2290
>TP53-L265R LLGRNSFEVR	2	>TP53-L265R LRGRNSFEVR	4433	4431
>TP53-L265R LLGRNSFEVR	429	>TP53-L265R LRGRNSFEVR	3229	2800
>TP53-L265R LLGRNSFEV	425	>TP53-L265R LRGRNSFEV	15532	15107
>TP53-L265R ITLEDSSGNLL	270	>TP53-L265R ITLEDSSGNLF	20152	19882
>TP53-L265R ITLEDSSGNLL	339	>TP53-L265R ITLEDSSGNLF	20813	20474
>TP53-L265R ITLEDSSGNLL	20677	>TP53-L265R ITLEDSSGNLF	388	20289
>TP53-L265R ITLEDSSGNLL	16754	>TP53-L265R ITLEDSSGNLF	189	16565
>TP53-L265R ITLEDSSGNLL	21813	>TP53-L265R ITLEDSSGNLF	233	21580
>TP53-L265R ITLEDSSGNLL	19930	>TP53-L265R ITLEDSSGNLF	37	19893
>TP53-L265R ITLEDSSGNLL	354	>TP53-L265R ITLEDSSGNLF	14853	14499
>TP53-L265R ITLEDSSGNLL	18	>TP53-L265R ITLEDSSGNLF	5016	4998
>TP53-L265R ITLEDSSGNLL	259	>TP53-L265R ITLEDSSGNLF	15243	14984
>TP53-L265R ITLEDSSGNLL	30	>TP53-L265R ITLEDSSGNLF	1034	1004
>TP53-L265R NLLGRNSFEV	29	>TP53-L265R NLRGRNSFEV	802	773
>TP53-L265R NLLGRNSFEV	89	>TP53-L265R NLRGRNSFEV	403	314
>TP53-L265R NLLGRNSFEV	94	>TP53-L265R NLRGRNSFEV	282	188
>TP53-L265R NLLGRNSFEV	137	>TP53-L265R NLRGRNSFEV	3367	3230
>TP53-L265R NLLGRNSFEV	3	>TP53-L265R NLRGRNSFEV	33	30
>TP53-L265R NLLGRNSFEV	5	>TP53-L265R NLRGRNSFEV	78	73
>TP53-L265R NLLGRNSFEV	7	>TP53-L265R NLRGRNSFEV	105	98

>TP53-L265R NLLGRNSFEV	3	>TP53-L265R NLRGRNSFEV	109	106
>TP53-L265R NLLGRNSFEV	3	>TP53-L265R NLRGRNSFEV	3	0
>TP53-L265R NLLGRNSFEV	502	>TP53-L265R NLRGRNSFEV	297	205
>TP53-L265R NLLGRNSFEV	109	>TP53-L265R NLRGRNSFEV	62	47
>TP53-L265R NLLGRNSFEV	309	>TP53-L265R NLRGRNSFEV	595	286
>TP53-L265R NLLGRNSFEV	52	>TP53-L265R NLRGRNSFEV	1356	1304
>TP53-L265R NLLGRNSF	501	>TP53-L265R NLRGRNSF	119	382
>TP53-L265R NLLGRNSF	968	>TP53-L265R NLRGRNSF	151	817
>TP53-L265R NLLGRNSF	65	>TP53-L265R NLRGRNSF	48	17
>TP53-L265R NLLGRNSF	418	>TP53-L265R NLRGRNSF	278	140
>TP53-L265R NLLGRNSFEV	195	>TP53-L265R NLRGRNSFEV	1108	913
>TP53-L265R GNLLGRNSF	1249	>TP53-L265R GNLRGRNSF	266	983
>TP53-L265R GNLLGRNSF	525	>TP53-L265R GNLRGRNSF	314	211
>TP53-L265R SGNLLGRNSF	311	>TP53-L265R SGNLRGRNSF	248	63
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>TP53-L265R SSGNLLGRNS	245	>TP53-L265R SSGNLRGRNS	263	18
>TP53-L265R SSGNLLGRNS	701	>TP53-L265R SSGNLRGRNS	469	232
>TP53-L265R SSGNLLGRNS	390	>TP53-L265R SSGNLRGRNS	838	448
>TP53-L265R SSGNLLGRNS	32	>TP53-L265R SSGNLRGRNS	37	5
>TP53-L265R SSGNLLGR	357	>TP53-L265R SSGNLRGR	1115	758
>TP53-L265R DSSGNLLGR	68	>TP53-L265R DSSGNLRGR	124	56
>TP53-L265R EDSSGNLL	273	>TP53-L265R EDSSGNLR	10180	9907
>TP53-L265R EDSSGNLL	28579	>TP53-L265R EDSSGNLR	158	28421
>TP53-L265R LEDSSGNLL	20	>TP53-L265R LEDSSGNLR	14694	14674
>TP53-L265R TLEDSSGNLL	133	>TP53-L265R TLEDSSGNLR	15450	15317
>TP53-L265R TLEDSSGNLL	23	>TP53-L265R TLEDSSGNLR	14173	14150
>TP53-L265R TLEDSSGNLL	32138	>TP53-L265R TLEDSSGNLR	319	31819
>TP53-L289F LRKKGEPHHE	405	>TP53-L289F FRKKGEPHHE	219	186
>TP53-L289F LRKKGEPHHE	824	>TP53-L289F FRKKGEPHHE	277	547
>TP53-L289F LRKKGEPHHE	321	>TP53-L289F FRKKGEPHHE	481	160
>TP53-L289F GRDRRTEEN	446	>TP53-L289F GRDRRTEEN	1352	906
>TP53-L289F RTEEENLRK	88	>TP53-L289F RTEEENFRK	42	46
>TP53-L289F RTEEENLRK	126	>TP53-L289F RTEEENFRK	231	105
>TP53-L289F RTEEENLRKK	174	>TP53-L289F RTEEENFRKK	181	7
>TP53-L289F RTEEENLR	242	>TP53-L289F RTEEENFR	49	193
>TP53-L289F RTEEENLR	188	>TP53-L289F RTEEENFR	57	131
>TP53-L289F RTEEENLR	456	>TP53-L289F RTEEENFR	221	235
>TP53-L289F RRTEEENL	791	>TP53-L289F RRTEEENF	58	733
>TP53-L289F RRTEEENL	171	>TP53-L289F RRTEEENF	219	48
>TP53-L289F RRTEEENLR	424	>TP53-L289F RRTEEENFR	610	186
>TP53-L289F RRTEEENLRK	34	>TP53-L289F RRTEEENFRK	66	32
>TP53-L289F RRTEEENLRK	71	>TP53-L289F RRTEEENFRK	69	2
>TP53-L289F RRTEEENL	66	>TP53-L289F RRTEEENF	394	328

>TP53-L289F RRTEENLRK	383	>TP53-L289F RRTEENFRK	1975	1592
>TP53-L289F RRTEENL	94	>TP53-L289F RRTEENF	232	138
>TP53-L289F RRTEENLRK	163	>TP53-L289F RRTEENFRK	549	386
>TP53-L289F RRTEENLRK	634	>TP53-L289F RRTEENFRK	374	260
>TP53-L289F RRTEENL	4146	>TP53-L289F RRTEENF	353	3793
>TP53-L289F RRTEENLR	993	>TP53-L289F RRTEENFR	317	676
>TP53-L289F RDRRTEENL	3530	>TP53-L289F RDRRTEENF	225	3305
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>TP53-L289P LRKKGEPHHE	321	>TP53-L289P PRKKGEPHHE	1462	1141
>TP53-L289P NLRKKGEPH	18361	>TP53-L289P NPRKKGEPH	51	18310
>TP53-L289P GRDRRTEEN	446	>TP53-L289P GRDRRTEEN	14713	14267
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>TP53-L289P RTEENLRK	126	>TP53-L289P RTEENPRK	70	56
>TP53-L289P RTEENLRKK	174	>TP53-L289P RTEENPRKK	133	41
>TP53-L289P RTEENLR	242	>TP53-L289P RTEENPR	133	109
>TP53-L289P RTEENLR	188	>TP53-L289P RTEENPR	396	208
>TP53-L289P RTEENLR	456	>TP53-L289P RTEENPR	209	247
>TP53-L289P RRTEENL	171	>TP53-L289P RRTEENP	3558	3387
>TP53-L289P RRTEENLR	424	>TP53-L289P RRTEENPR	424	0
>TP53-L289P RRTEENLRK	34	>TP53-L289P RRTEENPRK	44	10
>TP53-L289P RRTEENLRK	71	>TP53-L289P RRTEENPRK	82	11
>TP53-L289P RRTEENL	66	>TP53-L289P RRTEENP	1590	1524
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>TP53-L289P RRTEENLRK	163	>TP53-L289P RRTEENPRK	575	412
>TP53-L289P RRTEENLR	993	>TP53-L289P RRTEENPR	247	746
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>TP53-L289P LRKKGEPH	2726	>TP53-L289P RRKKGEPH	338	2388
>TP53-L289P LRKKGEPHHE	8723	>TP53-L289P RRKKGEPHHE	321	8402
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>TP53-L289P LRKKGEPHH	12047	>TP53-L289P RRKKGEPHH	283	11764
>TP53-L289P LRKKGEPHHE	10360	>TP53-L289P RRKKGEPHHE	209	10151
>TP53-L289P LRKKGEPHHE	824	>TP53-L289P RRKKGEPHHE	25	799
>TP53-L289P LRKKGEPHHE	321	>TP53-L289P RRKKGEPHHE	34	287
>TP53-L289P GRDRRTEEN	446	>TP53-L289P GRDRRTEEN	6860	6414
>TP53-L289P RTEENLRK	88	>TP53-L289P RTEENRRK	1368	1280
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>TP53-L289P RTEENLRKK	174	>TP53-L289P RTEENRRKK	139	35
>TP53-L289P RTEENLR	242	>TP53-L289P RTEENRR	405	163
>TP53-L289P RTEENLR	188	>TP53-L289P RTEENRR	477	289
>TP53-L289P RTEENLR	456	>TP53-L289P RTEENRR	949	493
>TP53-L289P RRTEENL	171	>TP53-L289P RRTEENR	281	110
>TP53-L289P RRTEENLR	424	>TP53-L289P RRTEENRR	635	211

>TP53-L289R RRTEEENLRK	34	>TP53-L289R RRTEEENRRK	68	34
>TP53-L289R RRTEEENLRK	71	>TP53-L289R RRTEEENRRK	82	11
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>TP53-L289R RRTEEENLRK	383	>TP53-L289R RRTEEENRRK	1170	787
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>TP53-L289R RRTEEENLRK	163	>TP53-L289R RRTEEENRRK	567	404
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>TP53-L299P LPPGSTKRAL	296	>TP53-L299P PPPGSTKRAL	1090	794
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>TP53-L299P LPPGSTKRA	99	>TP53-L299P PPPGSTKRA	4189	4090
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>TP53-L299P ELPPGSTKRA	151	>TP53-L299P EPPPGSTKRA	33023	32872
>TP53-L299P ELPPGSTKR	321	>TP53-L299P EPPPGSTKR	1447	1126
>TP53-L299P ELPPGSTKRA	13946	>TP53-L299P EPPPGSTKRA	174	13772
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>TP53-L299P LRKKGEPHHE	321	>TP53-L299P LRKKGEPHHE	21964	21643
>TP53-L299P HELPPGSTKR	250	>TP53-L299P HEPPPGSTKR	7950	7700
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>TP53-L299P RKKGEPHHEL	62	>TP53-L299P RKKGEPHHEF	2366	2304
>TP53-L299V LPPGSTKRAL	619	>TP53-L299V VPPGSTKRAL	274	345
>TP53-L299V LPPGSTKRAL	296	>TP53-L299V VPPGSTKRAL	267	29
>TP53-L299V LPPGSTKRAL	75	>TP53-L299V VPPGSTKRAL	58	17
>TP53-L299V LPPGSTKRA	99	>TP53-L299V VPPGSTKRA	1613	1514
>TP53-L299V ELPPGSTKRA	98	>TP53-L299V EVPPGSTKRA	11305	11207
>TP53-L299V ELPPGSTKRA	151	>TP53-L299V EVPPGSTKRA	7548	7397
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>TP53-L299V ELPPGSTKR	321	>TP53-L299V EVPPGSTKR	50	271
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>TP53-L299V HELPPGSTKR	250	>TP53-L299V HEVPPGSTKR	278	28
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>TP53-L308N LPNNTSSS	383	>TP53-L308N MPNNTSSS	66	317
>TP53-L308N LPNNTSSSP	2942	>TP53-L308N MPNNTSSSP	428	2514
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>TP53-L308N LPNNTSSSP	568	>TP53-L308N MPNNTSSSP	129	439
>TP53-L308N LPNNTSSSPQ	260	>TP53-L308N MPNNTSSSPQ	76	184
>TP53-L308N ALPNNTSSS	534	>TP53-L308N AMPNNTSSS	427	107
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>TP53-L308N ALPNNTSSSP	111	>TP53-L308N AMPNNTSSSI	241	130
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>TP53-L308N STKRALPN	100	>TP53-L308N STKRAMPN	67	33
>TP53-L308N STKRALPNN	60	>TP53-L308N STKRAMPNN	59	1
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>TP53-L308N LPPGSTKRAL	296	>TP53-L308N LPPGSTKRAM	163	133
>TP53-L308N LPPGSTKRAL	75	>TP53-L308N LPPGSTKRAM	75	0
>TP53-L308V LPNNTSSS	383	>TP53-L308V VPNNTSSS	1444	1061
>TP53-L308V LPNNTSSS	301	>TP53-L308V VPNNTSSS	3180	2879
>TP53-L308V LPNNTSSSPQ	260	>TP53-L308V VPNNTSSSPC	2560	2300
>TP53-L308V ALPNNTSSS	301	>TP53-L308V AVPNNTSSS	16643	16342
>TP53-L308V ALPNNTSSSP	111	>TP53-L308V AVPNNTSSSP	10951	10840
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>TP53-L308V ELPPGSTKRA	2349	>TP53-L308V ELPPGSTKRA'	218	2131
>TP53-L308V ELPPGSTKRA	3412	>TP53-L308V ELPPGSTKRA'	381	3031
>TP53-L308V ELPPGSTKRA	151	>TP53-L308V ELPPGSTKRA'	12	139
>TP53-L308V ELPPGSTKRA	2067	>TP53-L308V ELPPGSTKRA'	281	1786
>TP53-L308V KRALPNNT	597	>TP53-L308V KRAVPNNT	418	179
>TP53-L308V STKRALPN	100	>TP53-L308V STKRAVPN	151	51
>TP53-L308V STKRALPNN	60	>TP53-L308V STKRAVPNN	63	3
>TP53-L308V STKRALPNNT	89	>TP53-L308V STKRAVPNN1	91	2
>TP53-L308V STKRALPNNT	46	>TP53-L308V STKRAVPNN1	43	3
>TP53-L308V PPGSTKRAL	44	>TP53-L308V PPGSTKRAV	268	224
>TP53-L308V LPPGSTKRAL	296	>TP53-L308V LPPGSTKRAV	1420	1124
>TP53-L308V LPPGSTKRAL	75	>TP53-L308V LPPGSTKRAV	105	30
>TP53-L323G LDGEYFTLQI	87	>TP53-L323G GDGEYFTLQI	331	244
>TP53-L323G LDGEYFTL	1176	>TP53-L323G GDGEYFTL	498	678
>TP53-L323G LDGEYFTL	344	>TP53-L323G GDGEYFTL	402	58
>TP53-L323G LDGEYFTLQI	94	>TP53-L323G GDGEYFTLQI	107	13
>TP53-L323G PLDGEYFTL	249	>TP53-L323G PGDGEYFTL	17300	17051
>TP53-L323G PLDGEYFTL	22	>TP53-L323G PGDGEYFTL	15025	15003
>TP53-L323G PLDGEYFTLQ	68	>TP53-L323G PGDGEYFTLC	18580	18512
>TP53-L323G PLDGEYFTL	224	>TP53-L323G PGDGEYFTL	22727	22503
>TP53-L323G PLDGEYFTL	22	>TP53-L323G PGDGEYFTL	14503	14481
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>TP53-L323G PLDGEYFTLQ	158	>TP53-L323G PGDGEYFTLC	22088	21930
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>TP53-L323G PLDGEYFTLQ	111	>TP53-L323G PGDGEYFTLC	30980	30869
>TP53-L323G SSSPQPKKKP	16	>TP53-L323G SSSPQPKKKP	10025	10009
>TP53-L323G KPLDGEYF	296	>TP53-L323G KPGDGEYF	1461	1165

>TP53-L323G KPLDGEYFTL	212	>TP53-L323G KPGDGEYFTL	1004	792
>TP53-L323G KPLDGEYFTL	321	>TP53-L323G KPGDGEYFTL	4187	3866
>TP53-L323G KPLDGEYF	287	>TP53-L323G KPGDGEYF	1051	764
>TP53-L323G KPLDGEYF	195	>TP53-L323G KPGDGEYF	3157	2962
>TP53-L323G KPLDGEYFTL	306	>TP53-L323G KPGDGEYFTL	3589	3283
>TP53-L323G KKPLDGEYF	31	>TP53-L323G KKPGDGEYF	42	11
>TP53-L323G KKKPLDGEY	83	>TP53-L323G KKKPGDGEY	46	37
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>TP53-L323G KKKPLDGEYF	14	>TP53-L323G KKKPGDGEYF	11	3
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>TP53-L323G QPKKKPLDGE	303	>TP53-L323G QPKKKPGDGE	430	127
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>TP53-L323G SSPQPKKKPL	40	>TP53-L323G SSPQPKKKPG	8265	8225
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>TP53-L323M LDGEYFTL	344	>TP53-L323M MDGEYFTL	321	23
>TP53-L323M LDGEYFTLQI	94	>TP53-L323M MDGEYFTLQI	91	3
>TP53-L323M PLDGEYFTL	249	>TP53-L323M PMDGEYFTL	252	3
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>TP53-L323M PLDGEYFTLQ	68	>TP53-L323M PMDGEYFTLQ	40	28
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>TP53-L323M PLDGEYFTL	22	>TP53-L323M PMDGEYFTL	21	1
>TP53-L323M PLDGEYFTLQ	140	>TP53-L323M PMDGEYFTLQ	116	24
>TP53-L323M PLDGEYFTL	23	>TP53-L323M PMDGEYFTL	18	5
>TP53-L323M PLDGEYFTLQ	158	>TP53-L323M PMDGEYFTLQ	117	41
>TP53-L323M PLDGEYFTL	11	>TP53-L323M PMDGEYFTL	18	7
>TP53-L323M PLDGEYFTLQ	111	>TP53-L323M PMDGEYFTLQ	211	100
>TP53-L323M SSSPQPKKKP	16	>TP53-L323M SSSPQPKKKP	12	4
>TP53-L323M KPLDGEYF	296	>TP53-L323M KPMDGEYF	465	169
>TP53-L323M KPLDGEYFTL	212	>TP53-L323M KPMDGEYFTI	344	132
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>TP53-L323M KPLDGEYFTL	526	>TP53-L323M KPMDGEYFTI	71	455
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>TP53-L323M KPLDGEYF	541	>TP53-L323M KPMDGEYF	343	198
>TP53-L323M KPLDGEYFTL	321	>TP53-L323M KPMDGEYFTI	71	250
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>TP53-L323M KPLDGEYF	195	>TP53-L323M KPMDGEYF	355	160
>TP53-L323M KPLDGEYFTL	306	>TP53-L323M KPMDGEYFTI	503	197
>TP53-L323M KKPLDGEY	504	>TP53-L323M KKPM DGEY	183	321
>TP53-L323M KKPLDGEYF	31	>TP53-L323M KKPM DGEYF	10	21
>TP53-L323M KKPLDGEYFT	611	>TP53-L323M KKPM DGEYF	153	458
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>TP53-L323N PKKKPLDGEY	315	>TP53-L323N PKKKPMMDGEY	245	70
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>TP53-L323N QPKKKPLDGEY	303	>TP53-L323N QPKKKPMMDGEY	328	25
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>TP53-L323N SPQPKKKPLF	67	>TP53-L323N SPQPKKKPMF	137	70
>TP53-L323N SSPQPKKKPL	40	>TP53-L323N SSPQPKKKPM	68	28
>TP53-L323P LDGEYFTLQI	87	>TP53-L323P PDGEYFTLQI	1162	1075
>TP53-L323P LDGEYFTL	344	>TP53-L323P PDGEYFTL	238	106
>TP53-L323P LDGEYFTLQI	94	>TP53-L323P PDGEYFTLQI	74	20
>TP53-L323P PLDGEYFTL	35399	>TP53-L323P PPDGEYFTL	418	34981
>TP53-L323P PLDGEYFTL	249	>TP53-L323P PPDGEYFTL	31607	31358
>TP53-L323P PLDGEYFTL	22	>TP53-L323P PPDGEYFTL	21249	21227
>TP53-L323P PLDGEYFTLQ	68	>TP53-L323P PPDGEYFTLQ	23990	23922
>TP53-L323P PLDGEYFTL	224	>TP53-L323P PPDGEYFTL	24052	23828
>TP53-L323P PLDGEYFTL	22	>TP53-L323P PPDGEYFTL	21267	21245
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>TP53-L323P PLDGEYFTL	23	>TP53-L323P PPDGEYFTL	22698	22675
>TP53-L323P PLDGEYFTLQ	158	>TP53-L323P PPDGEYFTLQ	23272	23114
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>TP53-L323P PLDGEYFTLQ	111	>TP53-L323P PPDGEYFTLQ	34610	34499
>TP53-L323P PLDGEYFTL	22220	>TP53-L323P PPDGEYFTL	102	22118
>TP53-L323P PLDGEYFTLQ	21383	>TP53-L323P PPDGEYFTLQ	165	21218
>TP53-L323P SSSPQPKKKP	16	>TP53-L323P SSSPQPKKKP	15720	15704
>TP53-L323P KPLDGEYF	296	>TP53-L323P KPPDGEYF	332	36
>TP53-L323P KPLDGEYFTL	212	>TP53-L323P KPPDGEYFTL	275	63
>TP53-L323P KPLDGEYFTL	526	>TP53-L323P KPPDGEYFTL	339	187
>TP53-L323P KPLDGEYFTL	321	>TP53-L323P KPPDGEYFTL	4540	4219
>TP53-L323P KPLDGEYF	287	>TP53-L323P KPPDGEYF	2520	2233
>TP53-L323P KPLDGEYFTL	20194	>TP53-L323P KPPDGEYFTL	328	19866
>TP53-L323P KPLDGEYF	195	>TP53-L323P KPPDGEYF	3516	3321
>TP53-L323P KPLDGEYFTL	306	>TP53-L323P KPPDGEYFTL	3853	3547
>TP53-L323P KKPLDGEY	504	>TP53-L323P KKPPDGEY	140	364
>TP53-L323P KKPLDGEYF	31	>TP53-L323P KKPPDGEYF	12	19
>TP53-L323P KKPLDGEYFT	611	>TP53-L323P KKPPDGEYFT	203	408
>TP53-L323P KKKPLDGEY	83	>TP53-L323P KKKPPDGEY	151	68
>TP53-L323P KKKPLDGEY	138	>TP53-L323P KKKPPDGEY	52	86
>TP53-L323P KKKPLDGEYF	14	>TP53-L323P KKKPPDGEYF	7	7
>TP53-L323P PKKKPLDGEY	315	>TP53-L323P PKKKPPDGEY	363	48
>TP53-L323P PKKKPLDGEY	78	>TP53-L323P PKKKPPDGEY	46	32
>TP53-L323P QPKKKPLDGEY	303	>TP53-L323P QPKKKPPDGEY	408	105
>TP53-L323P SPQPKKKPL	13	>TP53-L323P SPQPKKKPP	11986	11973

>TP53-L323P SPQPKKKPL	67	>TP53-L323P SPQPKKKPP	7009	6942
>TP53-L323P SSPQPKKKPL	40	>TP53-L323P SSPQPKKKPP	10696	10656
>TP53-L323R LDGEYFTLQI	87	>TP53-L323R RDGEYFTLQI	363	276
>TP53-L323R LDGEYFTL	1176	>TP53-L323R RDGEYFTL	291	885
>TP53-L323R LDGEYFTLQI	3164	>TP53-L323R RDGEYFTLQI	382	2782
>TP53-L323R LDGEYFTL	344	>TP53-L323R RDGEYFTL	285	59
>TP53-L323R LDGEYFTLQI	94	>TP53-L323R RDGEYFTLQI	80	14
>TP53-L323R PLDGEYFTL	249	>TP53-L323R PRDGEYFTL	26746	26497
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>TP53-L323R PLDGEYFTLQ	68	>TP53-L323R PRDGEYFTLQ	22951	22883
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>TP53-L323R PLDGEYFTL	23	>TP53-L323R PRDGEYFTL	22197	22174
>TP53-L323R PLDGEYFTLQ	158	>TP53-L323R PRDGEYFTLQ	23013	22855
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>TP53-L323R PLDGEYFTLQ	111	>TP53-L323R PRDGEYFTLQ	32097	31986
>TP53-L323R SSSPQPKKKP	16117	>TP53-L323R SSSPQPKKKP	113	16004
>TP53-L323R SSSPQPKKKP	16	>TP53-L323R SSSPQPKKKP	10021	10005
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>TP53-L323R KPLDGEYF	296	>TP53-L323R KPRDGEYF	5620	5324
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>TP53-L323R KPLDGEYF	1487	>TP53-L323R KPRDGEYF	36	1451
>TP53-L323R KPLDGEYFTL	526	>TP53-L323R KPRDGEYFTL	101	425
>TP53-L323R KPLDGEYF	516	>TP53-L323R KPRDGEYF	387	129
>TP53-L323R KPLDGEYFTL	321	>TP53-L323R KPRDGEYFTL	4510	4189
>TP53-L323R KPLDGEYF	287	>TP53-L323R KPRDGEYF	3457	3170
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>TP53-L323R KPLDGEYFTL	306	>TP53-L323R KPRDGEYFTL	3667	3361
>TP53-L323R KKPLDGEY	504	>TP53-L323R KKPRDGEY	165	339
>TP53-L323R KKPLDGEYF	31	>TP53-L323R KKPRDGEYF	10	21
>TP53-L323R KKPLDGEYFT	611	>TP53-L323R KKPRDGEYFT	154	457
>TP53-L323R KKKPLDGEY	83	>TP53-L323R KKKPRDGEY	190	107
>TP53-L323R KKKPLDGEY	138	>TP53-L323R KKKPRDGEY	121	17
>TP53-L323R KKKPLDGEYF	14	>TP53-L323R KKKPRDGEYF	11	3
>TP53-L323R PKKKPLDGEY	315	>TP53-L323R PKKKPRDGEY	287	28
>TP53-L323R PKKKPLDGEY	78	>TP53-L323R PKKKPRDGEY	55	23
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>TP53-L323R SSPQPKKKPL	21808	>TP53-L323R SSPQPKKKPR	222	21586
>TP53-L323R SSPQPKKKPL	40	>TP53-L323R SSPQPKKKPR	11662	11622
>TP53-L323V LDGEYFTLQI	87	>TP53-L323V VDGEYFTLQI	184	97

>TP53-L323V LDGEYFTL	344	>TP53-L323V VDGEYFTL	285	59
>TP53-L323V LDGEYFTLQI	94	>TP53-L323V VDGEYFTLQI	81	13
>TP53-L323V PLDGEYFTL	249	>TP53-L323V PVDGEYFTL	3899	3650
>TP53-L323V PLDGEYFTL	22	>TP53-L323V PVDGEYFTL	1771	1749
>TP53-L323V PLDGEYFTLQ	68	>TP53-L323V PVDGEYFTLQ	3721	3653
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>TP53-L323V PLDGEYFTL	22	>TP53-L323V PVDGEYFTL	2693	2671
>TP53-L323V PLDGEYFTLQ	140	>TP53-L323V PVDGEYFTLQ	7259	7119
>TP53-L323V PLDGEYFTL	23	>TP53-L323V PVDGEYFTL	3512	3489
>TP53-L323V PLDGEYFTLQ	158	>TP53-L323V PVDGEYFTLQ	7035	6877
>TP53-L323V PLDGEYFTL	11	>TP53-L323V PVDGEYFTL	1436	1425
>TP53-L323V PLDGEYFTLQ	111	>TP53-L323V PVDGEYFTLQ	8550	8439
>TP53-L323V SSSPQPKKKP	16	>TP53-L323V SSSPQPKKKP'	627	611
>TP53-L323V KPLDGEYF	296	>TP53-L323V KPVDGEYF	531	235
>TP53-L323V KPLDGEYFTL	212	>TP53-L323V KPVDGEYFTL	395	183
>TP53-L323V KPLDGEYFTL	526	>TP53-L323V KPVDGEYFTL	368	158
>TP53-L323V KPLDGEYF	541	>TP53-L323V KPVDGEYF	280	261
>TP53-L323V KPLDGEYFTL	321	>TP53-L323V KPVDGEYFTL	280	41
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>TP53-L323V KPLDGEYFTL	306	>TP53-L323V KPVDGEYFTL	517	211
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>TP53-L323V KKPLDGEYF	31	>TP53-L323V KKPVDGEYF	15	16
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>TP53-L323V KKKPLDGEY	83	>TP53-L323V KKKPVDGEY	64	19
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>TP53-L323V PKKKPLDGEY	315	>TP53-L323V PKKKPV	155	160
>TP53-L323V PKKKPLDGEY	78	>TP53-L323V PKKKPV	46	32
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>TP53-L330H LQIRGRERF	54	>TP53-L330H HQIRGRERF	72	18
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>TP53-L330H LQIRGRER	495	>TP53-L330H HQIRGRER	850	355
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>TP53-L330H LQIRGRERFEI	34	>TP53-L330H HQIRGRERFE	61	27
>TP53-L330H LQIRGRERFEI	3528	>TP53-L330H HQIRGRERFE	206	3322
>TP53-L330H TLQIRGRER	238	>TP53-L330H THQIRGRER	7049	6811
>TP53-L330H FTLQIRGRERI	169	>TP53-L330H FTHQIRGRER	522	353

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>TP53-L330HFTLQIRGR	174	>TP53-L330HFTHQIRGR	409	235
>TP53-L330HFTLQIRGRER	431	>TP53-L330HFTHQIRGRER	652	221
>TP53-L330HFTLQIRGR	25	>TP53-L330HFTHQIRGR	14	11
>TP53-L330HFTLQIRGRER	86	>TP53-L330HFTHQIRGRER	89	3
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>TP53-L330HFTLQIRGRERI	289	>TP53-L330HFTHQIRGRER	1595	1306
>TP53-L330HFTLQIRGRERI	8	>TP53-L330HFTHQIRGRER	17	9
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>TP53-L330HYFTLQIRGREF	337	>TP53-L330HYFTHQIRGRE	291	46
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>TP53-L330HEYFTLQIR	19	>TP53-L330HEYFTHQIR	17	2
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>TP53-L330HGEYFTLQI	102	>TP53-L330HGEYFTHQI	69	33
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>TP53-L330HGEYFTLQI	43	>TP53-L330HGEYFTHQI	57	14
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>TP53-L330HGEYFTLQI	11	>TP53-L330HGEYFTHQI	13	2
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>TP53-L330HLDGEYFTLQI	87	>TP53-L330HLDGEYFTHQI	99	12
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>TP53-L330HLDGEYFTLQI	94	>TP53-L330HLDGEYFTHQI	111	17
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>TP53-L330HPLDGEYFTLQ	68	>TP53-L330HPLDGEYFTHC	30	38
>TP53-L330HPLDGEYFTL	224	>TP53-L330HPLDGEYFTH	23475	23251
>TP53-L330HPLDGEYFTL	22	>TP53-L330HPLDGEYFTH	17361	17339
>TP53-L330HPLDGEYFTLQ	140	>TP53-L330HPLDGEYFTHC	72	68
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>TP53-L330HPLDGEYFTLQ	158	>TP53-L330HPLDGEYFTHC	31	127
>TP53-L330HPLDGEYFTL	11	>TP53-L330HPLDGEYFTH	14218	14207
>TP53-L330HPLDGEYFTLQ	111	>TP53-L330HPLDGEYFTHC	31	80
>TP53-L330HKPLDGEYFTL	212	>TP53-L330HKPLDGEYFTH	33562	33350
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>TP53-L330HKPLDGEYFTL	306	>TP53-L330HKPLDGEYFTH	5146	4840
>TP53-L330P LQIRGRERFEI	192	>TP53-L330P PQIRGRERFEI	7822	7630
>TP53-L330P LQIRGRER	138	>TP53-L330P PQIRGRER	3387	3249
>TP53-L330P LQIRGRERF	54	>TP53-L330P PQIRGRERF	1164	1110
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>TP53-L330P LQIRGRERFEI	34	>TP53-L330P PQIRGRERFEI	819	785
>TP53-L330P TLQIRGRER	238	>TP53-L330P TPQIRGRER	7839	7601
>TP53-L330P TLQIRGRERF	31752	>TP53-L330P TPQIRGRERF	414	31338
>TP53-L330P FTLQIRGRERI	169	>TP53-L330P FTPQIRGRER	119	50
>TP53-L330P FTLQIRGRERI	289	>TP53-L330P FTPQIRGRER	473	184
>TP53-L330P FTLQIRGRER	50	>TP53-L330P FTPQIRGRER	237	187
>TP53-L330P FTLQIRGR	174	>TP53-L330P FTPQIRGR	1230	1056
>TP53-L330P FTLQIRGRER	431	>TP53-L330P FTPQIRGRER	1126	695
>TP53-L330P FTLQIRGR	25	>TP53-L330P FTPQIRGR	38	13
>TP53-L330P FTLQIRGRER	86	>TP53-L330P FTPQIRGRER	50	36
>TP53-L330P FTLQIRGRERI	8	>TP53-L330P FTPQIRGRER	393	385
>TP53-L330P FTLQIRGRERI	289	>TP53-L330P FTPQIRGRER	12824	12535
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>TP53-L330P FTLQIRGRERI	8	>TP53-L330P FTPQIRGRER	115	107
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>TP53-L330P YFTLQIRGR	680	>TP53-L330P YFTPQIRGR	429	251
>TP53-L330P YFTLQIRGREI	337	>TP53-L330P YFTPQIRGREI	234	103
>TP53-L330P YFTLQIRGR	129	>TP53-L330P YFTPQIRGR	246	117
>TP53-L330P YFTLQIRGREI	126	>TP53-L330P YFTPQIRGREI	234	108
>TP53-L330P YFTLQIRGR	152	>TP53-L330P YFTPQIRGR	159	7
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>TP53-L330P EYFTLQIR	26	>TP53-L330P EYFTPQIR	46	20
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>TP53-L330P EYFTLQIRGR	20	>TP53-L330P EYFTPQIRGR	25	5
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>TP53-L330P GEYFTLQI	43	>TP53-L330P GEYFTPQI	69	26
>TP53-L330P GEYFTLQI	539	>TP53-L330P GEYFTPQI	473	66
>TP53-L330P GEYFTLQI	11	>TP53-L330P GEYFTPQI	16	5
>TP53-L330P GEYFTLQIR	190	>TP53-L330P GEYFTPQIR	881	691
>TP53-L330P LDGEYFTLQI	87	>TP53-L330P LDGEYFTPQI	151	64
>TP53-L330P LDGEYFTL	344	>TP53-L330P LDGEYFTP	15651	15307
>TP53-L330P LDGEYFTLQI	94	>TP53-L330P LDGEYFTPQI	206	112

>TP53-L330P PLDGEYFTL	249	>TP53-L330P PLDGEYFTP	17837	17588
>TP53-L330P PLDGEYFTL	22	>TP53-L330P PLDGEYFTP	8923	8901
>TP53-L330P PLDGEYFTLQ	68	>TP53-L330P PLDGEYFTPQ	41	27
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>TP53-L330P PLDGEYFTL	22	>TP53-L330P PLDGEYFTP	12043	12021
>TP53-L330P PLDGEYFTLQ	140	>TP53-L330P PLDGEYFTPQ	54	86
>TP53-L330P PLDGEYFTL	23	>TP53-L330P PLDGEYFTP	21245	21222
>TP53-L330P PLDGEYFTLQ	158	>TP53-L330P PLDGEYFTPQ	51	107
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>TP53-L330P KPLDGEYFTL	212	>TP53-L330P KPLDGEYFTP	37710	37498
>TP53-L330P KPLDGEYFTL	321	>TP53-L330P KPLDGEYFTP	20006	19685
>TP53-L330P KPLDGEYFTL	306	>TP53-L330P KPLDGEYFTP	15245	14939
>TP53-L330R LQIRGRERFEI	192	>TP53-L330R RQIRGRERFE	149	43
>TP53-L330R LQIRGRERF	766	>TP53-L330R RQIRGRERF	392	374
>TP53-L330R LQIRGRER	138	>TP53-L330R RQIRGRER	19	119
>TP53-L330R LQIRGRERF	54	>TP53-L330R RQIRGRERF	49	5
>TP53-L330R LQIRGRERFEI	105	>TP53-L330R RQIRGRERFE	91	14
>TP53-L330R LQIRGRER	495	>TP53-L330R RQIRGRER	157	338
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>TP53-L330R LQIRGRERFEI	34	>TP53-L330R RQIRGRERFE	15	19
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>TP53-L330R KKPLDGEYFT	30375	>TP53-L330R KKPLDGEYFT	219	30156
>TP53-L330R FTLQIRGRERI	169	>TP53-L330R FTRQIRGRER	3253	3084
>TP53-L330R FTLQIRGRERI	289	>TP53-L330R FTRQIRGRER	586	297
>TP53-L330R FTLQIRGRER	50	>TP53-L330R FTRQIRGRER	50	0
>TP53-L330R FTLQIRGR	174	>TP53-L330R FTRQIRGR	97	77
>TP53-L330R FTLQIRGRER	431	>TP53-L330R FTRQIRGRER	654	223
>TP53-L330R FTLQIRGR	25	>TP53-L330R FTRQIRGR	59	34
>TP53-L330R FTLQIRGRER	86	>TP53-L330R FTRQIRGRER	257	171
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>TP53-L330R FTLQIRGRE	1312	>TP53-L330R FTRQIRGRE	485	827
>TP53-L330R FTLQIRGRERI	8	>TP53-L330R FTRQIRGRER	5	3
>TP53-L330R FTLQIRGR	422	>TP53-L330R FTRQIRGR	1346	924
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>TP53-L330R YFTLQIRGREI	337	>TP53-L330R YFTRQIRGREI	196	141

>TP53-L330R YFTLQIRGR	129	>TP53-L330R YFTRQIRGR	249	120
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>TP53-L330R YFTLQIRGR	152	>TP53-L330R YFTRQIRGR	265	113
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>TP53-L330R EYFTLQIRGR	546	>TP53-L330R EYFTRQIRGR	411	135
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>TP53-L344P FEMFRELNEA	94	>TP53-L344P FEMFREPNEA	122	28
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>TP53-L344R FEMFRELNEA	253	>TP53-L344R FEMFRERNE/	554	301
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>TP53-L35F-\ LPSQAMDDL	874	>TP53-L35F-r FPSQAMDDL	478	396
>TP53-L35F-\ LPSQAMDDL	838	>TP53-L35F-r FPSQAMDDL	207	631
>TP53-L35F-\ LPSQAMDDL	90	>TP53-L35F-r FPSQAMDDL	48	42
>TP53-L35F-\ LPSQAMDDL	1666	>TP53-L35F-r FPSQAMDDL	476	1190
>TP53-L35F-\ LPSQAMDDL	1308	>TP53-L35F-r FPSQAMDDL	375	933
>TP53-L35F-\ LPSQAMDDL	273	>TP53-L35F-r FPSQAMDDL	90	183
>TP53-L35F-\ PLPSQAMDD	14175	>TP53-L35F-r PFPSQAMDD	337	13838
>TP53-L35F-\ LLPENNVLSPI	41	>TP53-L35F-r LLPENNVLSPI	6614	6573
>TP53-L35F-\ LLPENNVLSPI	12	>TP53-L35F-r LLPENNVLSPI	748	736
>TP53-L35F-\ LLPENNVLSPI	12	>TP53-L35F-r LLPENNVLSPI	727	715
>TP53-L35F-\ LLPENNVLSPI	33	>TP53-L35F-r LLPENNVLSPI	196	163
>TP53-L35F-\ LLPENNVLSPI	4	>TP53-L35F-r LLPENNVLSPI	232	228
>TP53-L35F-\ LLPENNVLSPI	8	>TP53-L35F-r LLPENNVLSPI	2048	2040
>TP53-L35F-\ LLPENNVLSPI	27	>TP53-L35F-r LLPENNVLSPI	7127	7100
>TP53-L35F-\ LLPENNVLSPI	45	>TP53-L35F-r LLPENNVLSPI	12366	12321
>TP53-L35F-\ LLPENNVLSPI	3	>TP53-L35F-r LLPENNVLSPI	642	639
>TP53-L35F-\ LLPENNVLSPI	1442	>TP53-L35F-r LLPENNVLSPI	90	1352
>TP53-L35F-\ LLPENNVLSPI	3094	>TP53-L35F-r LLPENNVLSPI	191	2903
>TP53-L35F-\ LLPENNVLSPI	2767	>TP53-L35F-r LLPENNVLSPI	107	2660
>TP53-L35F-\ LLPENNVLSPI	63	>TP53-L35F-r LLPENNVLSPI	146	83
>TP53-L35F-\ SPLPSQAM	35	>TP53-L35F-r SPFPSQAM	10	25
>TP53-L35F-\ SPLPSQAMDI	7	>TP53-L35F-r SPFPSQAMDI	4	3
>TP53-L35F-\ SPLPSQAM	19	>TP53-L35F-r SPFPSQAM	19	0
>TP53-L35F-\ SPLPSQAMDI	189	>TP53-L35F-r SPFPSQAMDI	248	59
>TP53-L35F-\ SPLPSQAM	860	>TP53-L35F-r SPFPSQAM	156	704

>TP53-L35F-\ SPLPSQAM	28	>TP53-L35F-r SPFPSQAM	17	11
>TP53-L35F-\ SPLPSQAM	309	>TP53-L35F-r SPFPSQAM	148	161
>TP53-L35F-\ SPLPSQAM	508	>TP53-L35F-r SPFPSQAM	65	443
>TP53-L35F-\ LSPLPSQAM	1350	>TP53-L35F-r LSPFPSQAM	443	907
>TP53-L35F-\ LSPLPSQAM	264	>TP53-L35F-r LSPFPSQAM	228	36
>TP53-L35F-\ LSPLPSQAM	5	>TP53-L35F-r LSPFPSQAM	6	1
>TP53-L35F-\ LSPLPSQAM	398	>TP53-L35F-r LSPFPSQAM	550	152
>TP53-L35F-\ VLSPLPSQA	1151	>TP53-L35F-r VLSPFPSQA	423	728
>TP53-L35F-\ VLSPLPSQA	52	>TP53-L35F-r VLSPFPSQA	26	26
>TP53-L35F-\ VLSPLPSQAM	255	>TP53-L35F-r VLSPFPSQAM	105	150
>TP53-L35F-\ VLSPLPSQA	8	>TP53-L35F-r VLSPFPSQA	6	2
>TP53-L35F-\ VLSPLPSQAM	909	>TP53-L35F-r VLSPFPSQAM	476	433
>TP53-L35F-\ VLSPLPSQA	26	>TP53-L35F-r VLSPFPSQA	12	14
>TP53-L35F-\ VLSPLPSQAM	76	>TP53-L35F-r VLSPFPSQAM	31	45
>TP53-L35F-\ VLSPLPSQAM	543	>TP53-L35F-r VLSPFPSQAM	397	146
>TP53-L35F-\ VLSPLPSQA	64	>TP53-L35F-r VLSPFPSQA	90	26
>TP53-L35F-\ VLSPLPSQA	125	>TP53-L35F-r VLSPFPSQA	69	56
>TP53-L35F-\ VLSPLPSQAM	241	>TP53-L35F-r VLSPFPSQAM	140	101
>TP53-L35F-\ VLSPLPSQ	28	>TP53-L35F-r VLSPFPSQ	20	8
>TP53-L35F-\ VLSPLPSQA	6	>TP53-L35F-r VLSPFPSQA	4	2
>TP53-L35F-\ VLSPLPSQAM	43	>TP53-L35F-r VLSPFPSQAM	26	17
>TP53-L35F-\ VLSPLPSQAM	204	>TP53-L35F-r VLSPFPSQAM	219	15
>TP53-L35F-\ VLSPLPSQAM	1068	>TP53-L35F-r VLSPFPSQAM	382	686
>TP53-L35F-\ VLSPLPSQAM	243	>TP53-L35F-r VLSPFPSQAM	104	139
>TP53-L35F-\ VLSPLPSQAM	269	>TP53-L35F-r VLSPFPSQAM	173	96
>TP53-L35F-\ NVLSPLPSQ	498	>TP53-L35F-r NVLSPFPSQ	2591	2093
>TP53-L35F-\ NVLSPLPSQA	45	>TP53-L35F-r NVLSPFPSQA	73	28
>TP53-L35F-\ NVLSPLPSQA	439	>TP53-L35F-r NVLSPFPSQA	261	178
>TP53-L35F-\ NVLSPLPS	1626	>TP53-L35F-r NVLSPFPS	481	1145
>TP53-L35F-\ NVLSPLPSQ	284	>TP53-L35F-r NVLSPFPSQ	159	125
>TP53-L35F-\ NVLSPLPSQA	43	>TP53-L35F-r NVLSPFPSQA	23	20
>TP53-L35F-\ NVLSPLPSQA	19	>TP53-L35F-r NVLSPFPSQA	15	4
>TP53-L35F-\ NVLSPLPSQA	193	>TP53-L35F-r NVLSPFPSQA	132	61
>TP53-L35F-\ PENNVLSPL	445	>TP53-L35F-r PENNVLSPF	1665	1220
>TP53-L35F-\ PENNVLSPL	6588	>TP53-L35F-r PENNVLSPF	384	6204
>TP53-L35F-\ PENNVLSPL	1275	>TP53-L35F-r PENNVLSPF	110	1165
>TP53-L35F-\ PENNVLSPL	277	>TP53-L35F-r PENNVLSPF	2612	2335
>TP53-L35F-\ PENNVLSPL	333	>TP53-L35F-r PENNVLSPF	997	664
>TP53-L35F-\ PENNVLSPL	214	>TP53-L35F-r PENNVLSPF	835	621
>TP53-L35F-\ LPENNVLSPL	455	>TP53-L35F-r LPENNVLSPF	363	92
>TP53-L35F-\ LPENNVLSPL	59	>TP53-L35F-r LPENNVLSPF	101	42
>TP53-L35F-\ LPENNVLSPL	327	>TP53-L35F-r LPENNVLSPF	52	275
>TP53-L35F-\ LPENNVLSPL	526	>TP53-L35F-r LPENNVLSPF	135	391

>TP53-L35F-\ LPENNVLSPL	2337	>TP53-L35F-r LPENNVLSPF	168	2169
>TP53-L35F-\ LPENNVLSPL	162	>TP53-L35F-r LPENNVLSPF	20	142
>TP53-L45P-\ LSPDDIEQW	195	>TP53-L45P-i PSPDDIEQW	4859	4664
>TP53-L45P-\ LSPDDIEQWF	180	>TP53-L45P-i PSPDDIEQWF	7975	7795
>TP53-L45P-\ LSPDDIEQW	126	>TP53-L45P-i PSPDDIEQW	2647	2521
>TP53-L45P-\ LSPDDIEQW	149	>TP53-L45P-i PSPDDIEQW	7729	7580
>TP53-L45P-\ LSPDDIEQW	181	>TP53-L45P-i PSPDDIEQW	2734	2553
>TP53-L45P-\ LSPDDIEQWF	10	>TP53-L45P-i PSPDDIEQWF	158	148
>TP53-L45P-\ LSPDDIEQWF	190	>TP53-L45P-i PSPDDIEQWF	3408	3218
>TP53-L45P-\ LSPDDIEQWF	84	>TP53-L45P-i PSPDDIEQWF	1072	988
>TP53-L45P-\ LSPDDIEQW	218	>TP53-L45P-i PSPDDIEQW	3517	3299
>TP53-L45P-\ MLSPDDIEQ	405	>TP53-L45P-i MPSPDDIEQ	33271	32866
>TP53-L45P-\ MLSPDDIEQ\	107	>TP53-L45P-i MPSPDDIEQ\	28630	28523
>TP53-L45P-\ MLSPDDIEQ	21	>TP53-L45P-i MPSPDDIEQ	34113	34092
>TP53-L45P-\ MLSPDDIEQ\	129	>TP53-L45P-i MPSPDDIEQ\	35522	35393
>TP53-L45P-\ MLSPDDIEQ\	213	>TP53-L45P-i MPSPDDIEQ\	1387	1174
>TP53-L45P-\ MLSPDDIEQ\	93	>TP53-L45P-i MPSPDDIEQ\	2346	2253
>TP53-L45P-\ MLSPDDIEQ\	427	>TP53-L45P-i MPSPDDIEQ\	7947	7520
>TP53-L45P-\ MLSPDDIE	11334	>TP53-L45P-i MPSPDDIE	77	11257
>TP53-L45P-\ MLSPDDIEQ	2227	>TP53-L45P-i MPSPDDIEQ	15	2212
>TP53-L45P-\ MLSPDDIEQ\	37016	>TP53-L45P-i MPSPDDIEQ\	492	36524
>TP53-L45P-\ MLSPDDIEQ\	131	>TP53-L45P-i MPSPDDIEQ\	9	122
>TP53-L45P-\ MLSPDDIEQ\	7781	>TP53-L45P-i MPSPDDIEQ\	93	7688
>TP53-L45P-\ MLSPDDIEQ\	17338	>TP53-L45P-i MPSPDDIEQ\	30	17308
>TP53-L45P-\ MLSPDDIEQ\	204	>TP53-L45P-i MPSPDDIEQ\	1095	891
>TP53-L45P-\ MLSPDDIEQ\	20	>TP53-L45P-i MPSPDDIEQ\	475	455
>TP53-L45P-\ MLSPDDIEQ\	8753	>TP53-L45P-i MPSPDDIEQ\	198	8555
>TP53-L45P-\ MLSPDDIEQ\	292	>TP53-L45P-i MPSPDDIEQ\	4	288
>TP53-L45P-\ MLSPDDIEQ\	18350	>TP53-L45P-i MPSPDDIEQ\	127	18223
>TP53-L45P-\ MLSPDDIEQ\	80	>TP53-L45P-i MPSPDDIEQ\	69	11
>TP53-L45P-\ MLSPDDIEQ\	445	>TP53-L45P-i MPSPDDIEQ\	65	380
>TP53-L45P-\ LPSQAMDDL	173	>TP53-L45P-i LPSQAMDDL	37429	37256
>TP53-L45P-\ LPSQAMDDL	86	>TP53-L45P-i LPSQAMDDL	19188	19102
>TP53-L45P-\ LPSQAMDDL	57	>TP53-L45P-i LPSQAMDDL	2024	1967
>TP53-L45P-\ LPSQAMDDL	90	>TP53-L45P-i LPSQAMDDL	2870	2780
>TP53-L45P-\ LPSQAMDDL	273	>TP53-L45P-i LPSQAMDDL	15090	14817
>TP53-L45P-\ LMLSPDDI	14	>TP53-L45P-i LMPSPDDI	109	95
>TP53-L45P-\ LMLSPDDI	35	>TP53-L45P-i LMPSPDDI	1011	976
>TP53-L45P-\ LMLSPDDI	41	>TP53-L45P-i LMPSPDDI	573	532
>TP53-L45P-\ LMLSPDDI	149	>TP53-L45P-i LMPSPDDI	5197	5048
>TP53-L45P-\ LMLSPDDI	113	>TP53-L45P-i LMPSPDDI	242	129
>TP53-L45P-\ LMLSPDDIEQ	315	>TP53-L45P-i LMPSPDDIEC	643	328
>TP53-L45P-\ LMLSPDDI	314	>TP53-L45P-i LMPSPDDI	2661	2347

>TP53-L45P-1 LMLSPDDIEQ	130	>TP53-L45P-1 LMPSPDDIEC	3846	3716
>TP53-L45P-1 LMLSPDDIEQ	212	>TP53-L45P-1 LMPSPDDIEC	1355	1143
>TP53-L45P-1 LMLSPDDIEQ	17	>TP53-L45P-1 LMPSPDDIEC	1241	1224
>TP53-L45P-1 LMLSPDDIEQ	79	>TP53-L45P-1 LMPSPDDIEC	1137	1058
>TP53-L45P-1 LMLSPDDIEQ	174	>TP53-L45P-1 LMPSPDDIEC	503	329
>TP53-L45P-1 DDLMLSPDDI	436	>TP53-L45P-1 DDLMPSPDD	2881	2445
>TP53-L45P-1 DDLMLSPDDI	237	>TP53-L45P-1 DDLMPSPDD	438	201
>TP53-L45P-1 MDDLMLSPDC	277	>TP53-L45P-1 MDDLMPSPC	679	402
>TP53-L45P-1 MDDLMLSPDC	107	>TP53-L45P-1 MDDLMPSPC	114	7
>TP53-L45P-1 AMDDLMLS	743	>TP53-L45P-1 AMDDLMP	453	290
>TP53-L45P-1 AMDDLMLS	808	>TP53-L45P-1 AMDDLMP	244	564
>TP53-L45P-1 AMDDLMLS	255	>TP53-L45P-1 AMDDLMP	123	132
>TP53-L45P-1 AMDDLMLS	463	>TP53-L45P-1 AMDDLMP	456	7
>TP53-L45P-1 QAMDDLML	318	>TP53-L45P-1 QAMDDLMP	10058	9740
>TP53-L45P-1 QAMDDLML	386	>TP53-L45P-1 QAMDDLMP	13447	13061
>TP53-L45P-1 QAMDDLML	307	>TP53-L45P-1 QAMDDLMP	24781	24474
>TP53-L45P-1 SQAMDDLMI	155	>TP53-L45P-1 SQAMDDLMI	10996	10841
>TP53-L45P-1 SQAMDDLMI	473	>TP53-L45P-1 SQAMDDLMI	8546	8073
>TP53-L93M- LSSSVPSQKT	164	>TP53-L93M- MSSSVPSQT	146	18
>TP53-L93M- LSSSVPSQK	103	>TP53-L93M- MSSSVPSQK	59	44
>TP53-L93M- LSSSVPSQK	23	>TP53-L93M- MSSSVPSQK	12	11
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>TP53-L93M- LSSSVPSQKT	50	>TP53-L93M- MSSSVPSQT	34	16
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>TP53-L93M- LSSSVPSQK	34	>TP53-L93M- MSSSVPSQK	5	29
>TP53-L93M- LSSSVPSQKT	2498	>TP53-L93M- MSSSVPSQT	167	2331
>TP53-L93M- LSSSVPSQKT	149	>TP53-L93M- MSSSVPSQT	178	29
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>TP53-L93M- LSSSVPSQKT	6	>TP53-L93M- MSSSVPSQT	5	1
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>TP53-L93M- LSSSVPSQKT	204	>TP53-L93M- MSSSVPSQT	132	72
>TP53-L93M- LSSSVPSQKT	32	>TP53-L93M- MSSSVPSQT	19	13
>TP53-L93M- LSSSVPSQK	189	>TP53-L93M- MSSSVPSQK	168	21
>TP53-L93M- LSSSVPSQKT	8	>TP53-L93M- MSSSVPSQT	8	0
>TP53-L93M- LSSSVPSQKT	1112	>TP53-L93M- MSSSVPSQT	427	685
>TP53-L93M- PLSSSVPSQK	472	>TP53-L93M- PMSSSVPSQT	424	48
>TP53-L93M- PLSSSVPSQK	382	>TP53-L93M- PMSSSVPSQT	191	191
>TP53-L93M- AAPAPAPSW	1323	>TP53-L93M- AAPAPAPSW	441	882
>TP53-L93M- AAPAPAPSW	136	>TP53-L93M- AAPAPAPSW	732	596
>TP53-L93M- AAPAPAPSW	380	>TP53-L93M- AAPAPAPSW	3076	2696
>TP53-L93M- AAPAPAPSW	4	>TP53-L93M- AAPAPAPSW	5	1
>TP53-L93M- WPLSSSV	706	>TP53-L93M- WPMSSSV	358	348

>TP53-L93M·WPLSSSVPS	27	>TP53-L93M·WPMSSSVPS	18	9
>TP53-L93M·WPLSSSVPSC	865	>TP53-L93M·WPMSSSVPS	478	387
>TP53-L93M·WPLSSSV	829	>TP53-L93M·WPMSSSV	494	335
>TP53-L93M·WPLSSSVPS	159	>TP53-L93M·WPMSSSVPS	101	58
>TP53-L93M·SWPLSSSV	157	>TP53-L93M·SWPMSSSV	113	44
>TP53-L93M·SWPLSSSVPS	447	>TP53-L93M·SWPMSSSV	305	142
>TP53-L93M·APSWPLSSS	328	>TP53-L93M·APSWPMSSS	160	168
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>TP53-L93M·APAPSWPL	12	>TP53-L93M·APAPSWPM	11	1
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>TP53-L93M·APAPSWPL	196	>TP53-L93M·APAPSWPM	22	174
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>TP53-L93M·APAPSWPL	87	>TP53-L93M·APAPSWPM	116	29
>TP53-L93M·PAPAPSWPL	9	>TP53-L93M·PAPAPSWPM	12	3
>TP53-L93M·APAPAPSWP	576	>TP53-L93M·APAPAPSWP	361	215
>TP53-L93M·APAPAPSWP	73	>TP53-L93M·APAPAPSWP	75	2
>TP53-L93M·APAPAPSWP	41	>TP53-L93M·APAPAPSWP	150	109
>TP53-L93M·APAPAPSWP	390	>TP53-L93M·APAPAPSWP	476	86
>TP53-M133 MFCQLAKTC	450	>TP53-M133 IFCQLAKTC	3383	2933
>TP53-M133 KMFCQLAKT	89	>TP53-M133 KIFCQLAKT	1373	1284
>TP53-M133 KMFCQLAKT	102	>TP53-M133 KIFCQLAKT	1361	1259
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>TP53-M133 KMFCQLAKT	199	>TP53-M133 KIFCQLAKT	559	360
>TP53-M133 KMFCQLAKT	19	>TP53-M133 KIFCQLAKT	1185	1166
>TP53-M133 KMFCQLAKTC	23	>TP53-M133 KIFCQLAKTC	743	720
>TP53-M133 KMFCQLAKT	55	>TP53-M133 KIFCQLAKT	3459	3404
>TP53-M133 KMFCQLAKTC	61	>TP53-M133 KIFCQLAKTC	2690	2629
>TP53-M133 KMFCQLAK	26	>TP53-M133 KIFCQLAK	32	6
>TP53-M133 KMFCQLAK	12	>TP53-M133 KIFCQLAK	18	6
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>TP53-M133 KMFCQLAK	35	>TP53-M133 KIFCQLAK	115	80
>TP53-M133 KMFCQLAK	371	>TP53-M133 KIFCQLAK	639	268
>TP53-M133 KMFCQLAKTC	81	>TP53-M133 KIFCQLAKTC	143	62
>TP53-M133 KMFCQLAK	58	>TP53-M133 KIFCQLAK	1866	1808
>TP53-M133 KMFCQLAKTC	491	>TP53-M133 KIFCQLAKTC	8495	8004
>TP53-M133 KMFCQLAK	39	>TP53-M133 KIFCQLAK	53	14
>TP53-M133 TCTYSPALNK	453	>TP53-M133 TCTYSPALNK	4314	3861
>TP53-M133 LNKMFCQL	100	>TP53-M133 LNKIFCQL	177	77
>TP53-M133 LNKMFCQLA	161	>TP53-M133 LNKIFCQLAK	237	76
>TP53-M133 LNKMFCQL	153	>TP53-M133 LNKIFCQL	344	191
>TP53-M133 ALNKMFCQL	238	>TP53-M133 ALNKIFCQL	144	94
>TP53-M133 ALNKMFCQL	17	>TP53-M133 ALNKIFCQL	6	11
>TP53-M133 ALNKMFCQL	30	>TP53-M133 ALNKIFCQL	23	7



>TP53-M133 ALNKMFCQL	442	>TP53-M133 ALNKIFCQLA	380	62
>TP53-M133 ALNKMFCQL	297	>TP53-M133 ALNKIFCQL	187	110
>TP53-M133 ALNKMFCQL	22	>TP53-M133 ALNKIFCQL	10	12
>TP53-M133 ALNKMFCQL	255	>TP53-M133 ALNKIFCQLA	138	117
>TP53-M133 ALNKMFCQL	198	>TP53-M133 ALNKIFCQL	105	93
>TP53-M133 ALNKMFCQL	21	>TP53-M133 ALNKIFCQL	16	5
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>TP53-M133 ALNKMFCQL	66	>TP53-M133 ALNKIFCQL	27	39
>TP53-M133 ALNKMFCQ	245	>TP53-M133 ALNKIFCQ	171	74
>TP53-M133 ALNKMFCQL	3	>TP53-M133 ALNKIFCQL	3	0
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>TP53-M133 ALNKMFCQL	37	>TP53-M133 ALNKIFCQLAI	36	1
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>TP53-M133 ALNKMFCQL	113	>TP53-M133 ALNKIFCQLAI	136	23
>TP53-M133 ALNKMFCQL	431	>TP53-M133 ALNKIFCQLAI	326	105
>TP53-M133 ALNKMFCQL	860	>TP53-M133 ALNKIFCQL	406	454
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>TP53-M133 SPALNKMFCQ	432	>TP53-M133 SPALNKIFCQI	351	81
>TP53-M133 SPALNKMFCQ	100	>TP53-M133 SPALNKIF	81	19
>TP53-M133 SPALNKMFCQ	41	>TP53-M133 SPALNKIFCQI	52	11
>TP53-M133 SPALNKMFCQ	372	>TP53-M133 SPALNKIFCQI	626	254
>TP53-M133 SPALNKMFCQ	326	>TP53-M133 SPALNKIF	163	163
>TP53-M133 SPALNKMFCQ	450	>TP53-M133 SPALNKIF	409	41
>TP53-M133 YSPALNKMFCQ	384	>TP53-M133 YSPALNKIF	1722	1338
>TP53-M133 YSPALNKMFCQ	5281	>TP53-M133 YSPALNKI	324	4957
>TP53-M133 YSPALNKMFCQ	104	>TP53-M133 YSPALNKIF	70	34
>TP53-M133 YSPALNKMFCQ	43	>TP53-M133 YSPALNKIF	98	55
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>TP53-M133 ALNKMFCQL	238	>TP53-M133 ALNKRFCQL	530	292

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>TP53-M133 ALNKMFCQL	256	>TP53-M133 ALNKRFCQLA	383	127
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>TP53-M133 ALNKMFCQL	113	>TP53-M133 ALNKRFCQLA	85	28
>TP53-M133 ALNKMFCQL	431	>TP53-M133 ALNKRFCQLA	302	129
>TP53-M133 ALNKMFCQL	288	>TP53-M133 ALNKRFCQL	24	264
>TP53-M133 ALNKMFCQL	416	>TP53-M133 ALNKRFCQL	545	129
>TP53-M133 SPALNKMFCQ	432	>TP53-M133 SPALNKRFCQ	1620	1188
>TP53-M133 SPALNKMFC	100	>TP53-M133 SPALNKRF	136	36
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>TP53-M133 SPALNKMFCQ	372	>TP53-M133 SPALNKRFCQ	273	99
>TP53-M133 SPALNKMFC	326	>TP53-M133 SPALNKRF	510	184
>TP53-M133 SPALNKMFC	450	>TP53-M133 SPALNKRF	765	315
>TP53-M133 YSPALNKMFC	384	>TP53-M133 YSPALNKRF	1765	1381
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>TP53-M133 YSPALNKMFC	3	>TP53-M133 YSPALNKRF	5	2
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>TP53-M133 CTYSPALNKM	246	>TP53-M133 CTYSPALNKR	11079	10833
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>TP53-M133 LNKMFQQLA	161	>TP53-M133 LNKTFCQLAK	178	17
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>TP53-M133 ALNKMFCQL	238	>TP53-M133 ALNKTFCQL	461	223
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>TP53-M133 ALNKMFCQL	255	>TP53-M133 ALNKTFCQLA	142	113
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>TP53-M133 ALNKMFCQL	21	>TP53-M133 ALNKTFCQL	15	6
>TP53-M133 ALNKMFCQL	256	>TP53-M133 ALNKTFCQLA	182	74
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>TP53-M133 YSPALNKMFC	384	>TP53-M133 YSPALNKTF	449	65
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>TP53-M133 KMFCQLAKT	102	>TP53-M133 KVFCQLAKT	2588	2486
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>TP53-M133 KMFCQLAKTC	81	>TP53-M133 KVFCQLAKTC	125	44
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>TP53-M133 TCTYSPALNK	9150	>TP53-M133 TCTYSPALNK	219	8931
>TP53-M133 TCTYSPALNK	453	>TP53-M133 TCTYSPALNK	5776	5323

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>TP53-M133 LNKMFQQL	153	>TP53-M133 LNKVFCQL	491	338
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>TP53-M133 CTYSPALNKM	4341	>TP53-M133 CTYSPALNKV	288	4053
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>TP53-M133 CTYSPALNKM	5	>TP53-M133 CTYSPALNKV	5	0
>TP53-M133 CTYSPALNKM	627	>TP53-M133 CTYSPALNKV	231	396
>TP53-M133 CTYSPALNKM	76	>TP53-M133 CTYSPALNKV	287	211
>TP53-M133 CTYSPALNKM	146	>TP53-M133 CTYSPALNKV	272	126
>TP53-M133 CTYSPALNKM	30	>TP53-M133 CTYSPALNKV	319	289
>TP53-M133 CTYSPALNKM	13	>TP53-M133 CTYSPALNKV	20	7
>TP53-M133 CTYSPALNKM	358	>TP53-M133 CTYSPALNKV	362	4
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>TP53-M160 MAIYKQSQH	205	>TP53-M160 IAIYKQSQHM	275	70
>TP53-M160 MAIYKQSQH	20	>TP53-M160 IAIYKQSQHM	22	2
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>TP53-M160 AMAIYKQSQ	161	>TP53-M160 AIAIYKQSQHI	1646	1485
>TP53-M160 AMAIYKQSQ	199	>TP53-M160 AIAIYKQSQHI	3920	3721
>TP53-M160 AMAIYKQSQ	283	>TP53-M160 AIAIYKQSQHI	7045	6762
>TP53-M160 AMAIYKQSQ	69	>TP53-M160 AIAIYKQSQ	4792	4723
>TP53-M160 AMAIYKQSQ	49	>TP53-M160 AIAIYKQSQHI	2982	2933
>TP53-M160 AMAIYKQSQ	55	>TP53-M160 AIAIYKQSQHI	403	348
>TP53-M160 AMAIYKQSQ	69	>TP53-M160 AIAIYKQSQHI	2387	2318
>TP53-M160 TPPPGRVRA	583	>TP53-M160 TPPPGRVRA	239	344
>TP53-M160 TPPPGRVRA	482	>TP53-M160 TPPPGRVRA	1992	1510
>TP53-M160 TPPPGRVRA	32	>TP53-M160 TPPPGRVRA	128	96
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>TP53-M160 RAMAIYKQS	354	>TP53-M160 RAIYKQSQHI	360	6
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>TP53-M160 VRAMAIYK	159	>TP53-M160 VRAIYK	178	19

>TP53-M160 RVRAMAIY	205	>TP53-M160 RVRRAIAIY	197	8
>TP53-M160 RVRAMAIYK	28	>TP53-M160 RVRRAIAIYK	28	0
>TP53-M160 RVRAMAIYK	20	>TP53-M160 RVRRAIAIYK	25	5
>TP53-M160 RVRAMAIY	241	>TP53-M160 RVRRAIAIY	496	255
>TP53-M160 RVRAMAIY	398	>TP53-M160 RVRRAIAIY	486	88
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>TP53-M160 RVRAMAIYK	3	>TP53-M160 RVRRAIAIYK	3	0
>TP53-M160 RVRAMAIYKQ	10	>TP53-M160 RVRRAIAIYKQ	12	2
>TP53-M160 RVRAMAIYKQ	9	>TP53-M160 RVRRAIAIYKQ	9	0
>TP53-M160 RVRAMAIY	107	>TP53-M160 RVRRAIAIY	83	24
>TP53-M160 RVRAMAIYK	18	>TP53-M160 RVRRAIAIYK	17	1
>TP53-M160 RVRAMAIYK	588	>TP53-M160 RVRRAIAIYK	211	377
>TP53-M160 RVRAMAIY	26	>TP53-M160 RVRRAIAIY	37	11
>TP53-M160 RVRAMAIY	85	>TP53-M160 RVRRAIAIY	95	10
>TP53-M160 RVRAMAIY	311	>TP53-M160 RVRRAIAIY	271	40
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>TP53-M160 RVRAMAIY	211	>TP53-M160 RVRRAIAIY	171	40
>TP53-M160 RVRAMAIYK	156	>TP53-M160 RVRRAIAIYK	80	76
>TP53-M160 TRVRAMAIY	62	>TP53-M160 TRVRRAIAIY	385	323
>TP53-M160 TRVRAMAIY	278	>TP53-M160 TRVRRAIAIY	217	61
>TP53-M160 TRVRAMAI	542	>TP53-M160 TRVRRAIAI	264	278
>TP53-M160 TRVRAMAIY	1249	>TP53-M160 TRVRRAIAIY	453	796
>TP53-M160 TRVRAMAIYK	733	>TP53-M160 TRVRRAIAIYK	238	495
>TP53-M160 TRVRAMAI	215	>TP53-M160 TRVRRAIAI	205	10
>TP53-M160 GTRVRAMAI	269	>TP53-M160 GTRVRRAIAIY	318	49
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>TP53-M160 GTRVRAMAI	39	>TP53-M160 GTRVRRAIAIYK	48	9
>TP53-M160 GTRVRAMA	18	>TP53-M160 GTRVRRAIA	15	3
>TP53-M160 GTRVRAMAI	9	>TP53-M160 GTRVRRAIAI	11	2
>TP53-M160 GTRVRAMAI	30	>TP53-M160 GTRVRRAIAIY	32	2
>TP53-M160 GTRVRAMAI	3	>TP53-M160 GTRVRRAIAIYK	4	1
>TP53-M160 GTRVRAMAI	130	>TP53-M160 GTRVRRAIAIY	142	12
>TP53-M160 GTRVRAMAI	115	>TP53-M160 GTRVRRAIAIYK	106	9
>TP53-M160 GTRVRAMAI	405	>TP53-M160 GTRVRRAIAIY	443	38
>TP53-M160 GTRVRAMAI	40	>TP53-M160 GTRVRRAIAI	44	4
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>TP53-M160 GTRVRAMAI	122	>TP53-M160 GTRVRRAIAI	350	228
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>TP53-M160 GTRVRAMAI	269	>TP53-M160 GTRVRRAIAIYK	374	105
>TP53-M160 GTRVRAMAI	387	>TP53-M160 GTRVRRAIAI	169	218
>TP53-M160 PPGTRVRAM	68	>TP53-M160 PPGTRVRAI	531	463
>TP53-M160 PPPGTRVRAM	370	>TP53-M160 PPPGTRVRAI	193	177
>TP53-M160 PPPGTRVRAM	450	>TP53-M160 PPPGTRVRAI	1729	1279

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>TP53-M160 MAIYKQSQH	205	>TP53-M160 KAIYKQSQHM	280	75
>TP53-M160 MAIYKQSQH	20	>TP53-M160 KAIYKQSQHM	14	6
>TP53-M160 MAIYKQSQH	151	>TP53-M160 KAIYKQSQHM	49	102
>TP53-M160 AMAIYKQSQI	221	>TP53-M160 AKAIYKQSQH	4462	4241
>TP53-M160 AMAIYKQSQI	161	>TP53-M160 AKAIYKQSQH	19011	18850
>TP53-M160 AMAIYKQSQI	199	>TP53-M160 AKAIYKQSQH	24460	24261
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>TP53-M160 AMAIYKQSQI	49	>TP53-M160 AKAIYKQSQH	32318	32269
>TP53-M160 AMAIYKQSQI	55	>TP53-M160 AKAIYKQSQH	7963	7908
>TP53-M160 AMAIYKQSQI	69	>TP53-M160 AKAIYKQSQH	31	38
>TP53-M160 TPPPGRVRA	482	>TP53-M160 TPPPGRVRA	39582	39100
>TP53-M160 TPPPGRVRA	32	>TP53-M160 TPPPGRVRA	10967	10935
>TP53-M160 TPPPGRVRA	139	>TP53-M160 TPPPGRVRA	9282	9143
>TP53-M160 RAMAIYKQ	2989	>TP53-M160 RAKAIYKQ	201	2788
>TP53-M160 RAMAIYKQS	2875	>TP53-M160 RAKAIYKQS	123	2752
>TP53-M160 RAMAIYKQSC	1651	>TP53-M160 RAKAIYKQSQ	82	1569
>TP53-M160 RAMAIYKQSC	354	>TP53-M160 RAKAIYKQSQ	1132	778
>TP53-M160 RAMAIYKQSC	375	>TP53-M160 RAKAIYKQSQ	525	150
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>TP53-M160 RVRAMAIY	205	>TP53-M160 RVRAKAIY	354	149
>TP53-M160 RVRAMAIYK	28	>TP53-M160 RVRAKAIYK	28	0
>TP53-M160 RVRAMAIYK	20	>TP53-M160 RVRAKAIYK	43	23
>TP53-M160 RVRAMAIY	241	>TP53-M160 RVRAKAIY	2414	2173
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>TP53-M160 RVRAMAIY	5	>TP53-M160 RVRAKAIY	6	1
>TP53-M160 RVRAMAIYK	3	>TP53-M160 RVRAKAIYK	3	0
>TP53-M160 RVRAMAIYKQ	10	>TP53-M160 RVRAKAIYKQ	11	1
>TP53-M160 RVRAMAIYKQ	9	>TP53-M160 RVRAKAIYKQ	9	0
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>TP53-M160 TRVRAMAIY	278	>TP53-M160 TRVRAKAIY	446	168
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>TP53-M160 GTRVRAMAI	39	>TP53-M160 GTRVRAKAIY	147	108
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>TP53-M160 GTRVRAMAI	115	>TP53-M160 GTRVRAKAIY	176	61
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>TP53-M160 GTRVRAMAI	40	>TP53-M160 GTRVRAKAI	34	6
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>TP53-M160 GTRVRAMAI	269	>TP53-M160 GTRVRAKAIY	438	169
>TP53-M160 GTRVRAMAI	387	>TP53-M160 GTRVRAKAI	184	203
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>TP53-M160 MAIYKQSQHI	226	>TP53-M160 LAIYKQSQHM	176	50
>TP53-M160 MAIYKQSQHI	205	>TP53-M160 LAIYKQSQHM	415	210
>TP53-M160 MAIYKQSQHI	20	>TP53-M160 LAIYKQSQHM	43	23
>TP53-M160 MAIYKQSQHI	151	>TP53-M160 LAIYKQSQHM	333	182
>TP53-M160 MAIYKQSQHI	583	>TP53-M160 LAIYKQSQHM	329	254
>TP53-M160 AMAIYKQSQI	221	>TP53-M160 ALAIYKQSQH	2635	2414
>TP53-M160 AMAIYKQSQI	161	>TP53-M160 ALAIYKQSQH	122	39
>TP53-M160 AMAIYKQSQI	199	>TP53-M160 ALAIYKQSQH	286	87
>TP53-M160 AMAIYKQSQI	283	>TP53-M160 ALAIYKQSQH	314	31
>TP53-M160 AMAIYKQSQ	69	>TP53-M160 ALAIYKQSQ	33	36
>TP53-M160 AMAIYKQSQI	49	>TP53-M160 ALAIYKQSQH	25	24
>TP53-M160 AMAIYKQSQI	55	>TP53-M160 ALAIYKQSQH	164	109
>TP53-M160 AMAIYKQSQI	69	>TP53-M160 ALAIYKQSQH	796	727
>TP53-M160 TPPPGTRVRA	583	>TP53-M160 TPPPGTRVRA	304	279
>TP53-M160 TPPPGTRVRA	482	>TP53-M160 TPPPGTRVRA	990	508
>TP53-M160 TPPPGTRVRA	32	>TP53-M160 TPPPGTRVRA	33	1
>TP53-M160 TPPPGTRVRA	139	>TP53-M160 TPPPGTRVRA	1487	1348
>TP53-M160 TPPPGTRVRA	727	>TP53-M160 TPPPGTRVRA	411	316
>TP53-M160 RAMAIYKQSC	354	>TP53-M160 RALAIYKQSQ	405	51
>TP53-M160 RAMAIYKQSC	375	>TP53-M160 RALAIYKQSQ	470	95
>TP53-M160 VRAMAIYK	159	>TP53-M160 VRALAIYK	140	19
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>TP53-M160 RVRAMAIYK	28	>TP53-M160 RVRALAIYK	30	2
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>TP53-M160 RVRAMAIYK	18	>TP53-M160 RVRALAIYK	19	1
>TP53-M160 RVRAMAIY	26	>TP53-M160 RVRALAIY	29	3
>TP53-M160 RVRAMAIY	85	>TP53-M160 RVRALAIY	84	1
>TP53-M160 RVRAMAIY	311	>TP53-M160 RVRALAIY	334	23
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>TP53-M160 RVRAMAIY	211	>TP53-M160 RVRALAIY	348	137
>TP53-M160 RVRAMAIYK	156	>TP53-M160 RVRALAIYK	78	78
>TP53-M160 TRVRAMAIY	62	>TP53-M160 TRVRALAIY	172	110
>TP53-M160 TRVRAMAIY	278	>TP53-M160 TRVRALAIY	328	50
>TP53-M160 TRVRAMAI	542	>TP53-M160 TRVRALAI	267	275
>TP53-M160 TRVRAMAIYK	733	>TP53-M160 TRVRALAIYK	394	339
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>TP53-M160 GTRVRAMAI	269	>TP53-M160 GTRVRALAIY	201	68
>TP53-M160 GTRVRAMAI	50	>TP53-M160 GTRVRALAIYI	56	6
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>TP53-M160 GTRVRAMAI	130	>TP53-M160 GTRVRALAIY	139	9
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>TP53-M160 GTRVRAMAI	21	>TP53-M160 GTRVRALAIY	22	1
>TP53-M160 GTRVRAMAI	269	>TP53-M160 GTRVRALAIYI	263	6
>TP53-M160 GTRVRAMAI	387	>TP53-M160 GTRVRALAI	154	233
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>TP53-M160 PPPGTRVRAM	370	>TP53-M160 PPPGTRVRAL	256	114
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>TP53-M160 MAIYKQSQHI	633	>TP53-M160 TAIYKQSQHM	192	441
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>TP53-M160 MAIYKQSQHI	205	>TP53-M160 TAIYKQSQHM	2218	2013
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>TP53-M160 MAIYKQSQHI	151	>TP53-M160 TAIYKQSQHM	2480	2329
>TP53-M160 AMAIYKQSQI	221	>TP53-M160 ATAIYKQSQH	810	589
>TP53-M160 AMAIYKQSQI	161	>TP53-M160 ATAIYKQSQH	4790	4629



>TP53-M160 AMAIYKQSQI	199	>TP53-M160 ATAIYKQSQH	9264	9065
>TP53-M160 AMAIYKQSQI	283	>TP53-M160 ATAIYKQSQH	14705	14422
>TP53-M160 AMAIYKQSQ	69	>TP53-M160 ATAIYKQSQ	21680	21611
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>TP53-M160 AMAIYKQSQI	11450	>TP53-M160 ATAIYKQSQH	375	11075
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>TP53-M160 TPPPGRVRA	482	>TP53-M160 TPPPGRVRA	31760	31278
>TP53-M160 TPPPGRVRA	32	>TP53-M160 TPPPGRVRA	1552	1520
>TP53-M160 TPPPGRVRA	139	>TP53-M160 TPPPGRVRA	3612	3473
>TP53-M160 RAMAIYKQSC	354	>TP53-M160 RATAIYKQSQ	1080	726
>TP53-M160 RAMAIYKQSC	375	>TP53-M160 RATAIYKQSQ	526	151
>TP53-M160 VRAMAIYK	159	>TP53-M160 VRATAIYK	175	16
>TP53-M160 RVRAMAIY	205	>TP53-M160 RVRATAIY	226	21
>TP53-M160 RVRAMAIYK	28	>TP53-M160 RVRATAIYK	29	1
>TP53-M160 RVRAMAIYK	20	>TP53-M160 RVRATAIYK	31	11
>TP53-M160 RVRAMAIY	241	>TP53-M160 RVRATAIY	775	534
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>TP53-M160 RVRAMAIYK	3	>TP53-M160 RVRATAIYK	3	0
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>TP53-M160 RVRAMAIYKC	9	>TP53-M160 RVRATAIYKQ	7	2
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>TP53-M160 RVRAMAIYK	18	>TP53-M160 RVRATAIYK	22	4
>TP53-M160 RVRAMAIY	26	>TP53-M160 RVRATAIY	29	3
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>TP53-M160 RVRAMAIY	311	>TP53-M160 RVRATAIY	95	216
>TP53-M160 RVRAMAIY	7	>TP53-M160 RVRATAIY	8	1
>TP53-M160 RVRAMAIY	211	>TP53-M160 RVRATAIY	113	98
>TP53-M160 RVRAMAIYK	156	>TP53-M160 RVRATAIYK	157	1
>TP53-M160 TRVRAMAIY	62	>TP53-M160 TRVRATAIY	1142	1080
>TP53-M160 TRVRAMAIY	278	>TP53-M160 TRVRATAIY	190	88
>TP53-M160 TRVRAMAI	542	>TP53-M160 TRVRATAI	476	66
>TP53-M160 TRVRAMAIYK	733	>TP53-M160 TRVRATAIYK	329	404
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>TP53-M160 GTRVRAMAIY	269	>TP53-M160 GTRVRATAIY	250	19
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>TP53-M160 GTRVRAMAIY	39	>TP53-M160 GTRVRATAIY	76	37
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>TP53-M160 GTRVRAMAI	30	>TP53-M160 GTRVRATAIY	61	31
>TP53-M160 GTRVRAMAI	3	>TP53-M160 GTRVRATAIY	4	1
>TP53-M160 GTRVRAMAI	130	>TP53-M160 GTRVRATAIY	147	17
>TP53-M160 GTRVRAMAI	115	>TP53-M160 GTRVRATAIY	115	0
>TP53-M160 GTRVRAMAI	405	>TP53-M160 GTRVRATAIY	301	104
>TP53-M160 GTRVRAMAI	40	>TP53-M160 GTRVRATAI	27	13
>TP53-M160 GTRVRAMAI	4	>TP53-M160 GTRVRATAIY	5	1
>TP53-M160 GTRVRAMAI	122	>TP53-M160 GTRVRATAI	50	72
>TP53-M160 GTRVRAMAI	21	>TP53-M160 GTRVRATAIY	21	0
>TP53-M160 GTRVRAMAI	269	>TP53-M160 GTRVRATAIY	381	112
>TP53-M160 GTRVRAMAI	387	>TP53-M160 GTRVRATAI	116	271
>TP53-M160 PPGTRVRAM	68	>TP53-M160 PPGTRVRAT	7022	6954
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>TP53-M160 PPPGTRVRAM	450	>TP53-M160 PPPGTRVRAT	25851	25401
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>TP53-M160 MAIYKQSQHI	20	>TP53-M160 VAIYKQSQHM	40	20
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>TP53-M160 AMAIYKQSQI	221	>TP53-M160 AVAIYKQSQHF	493	272
>TP53-M160 AMAIYKQSQI	161	>TP53-M160 AVAIYKQSQHF	3169	3008
>TP53-M160 AMAIYKQSQI	199	>TP53-M160 AVAIYKQSQHF	7775	7576
>TP53-M160 AMAIYKQSQI	283	>TP53-M160 AVAIYKQSQHF	11139	10856
>TP53-M160 AMAIYKQSQI	69	>TP53-M160 AVAIYKQSQ	9994	9925
>TP53-M160 AMAIYKQSQI	49	>TP53-M160 AVAIYKQSQHF	7078	7029
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>TP53-M160 AMAIYKQSQI	69	>TP53-M160 AVAIYKQSQHF	3501	3432
>TP53-M160 TPPPGRVRA	482	>TP53-M160 TPPPGRVRA	4167	3685
>TP53-M160 TPPPGRVRA	32	>TP53-M160 TPPPGRVRA	116	84
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>TP53-M160 RAMAIYKQSC	354	>TP53-M160 RAVAIYKQSQ	321	33
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>TP53-M160 VRAMAIYK	159	>TP53-M160 VRAVAIYK	148	11
>TP53-M160 RVRAMAIY	205	>TP53-M160 RVRAVAIY	179	26
>TP53-M160 RVRAMAIYK	28	>TP53-M160 RVRAVAIYK	27	1
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>TP53-M160 RVRAMAIYK	3	>TP53-M160 RVRAVAIYK	3	0
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>TP53-M160 RVRAMAIYKC	9	>TP53-M160 RVRAVAIYKQ	10	1
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>TP53-M160 RVRAMAIYK	18	>TP53-M160 RVRAVAIYK	20	2
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>TP53-M160 RVRAMAIY	26	>TP53-M160 RVRAVAIY	44	18
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>TP53-M160 TRVRAMAI	542	>TP53-M160 TRVRAVAI	314	228
>TP53-M160 TRVRAMAIYK	733	>TP53-M160 TRVRAVAIYK	440	293
>TP53-M160 TRVRAMAI	215	>TP53-M160 TRVRAVAI	154	61
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>TP53-M160 GTRVRAMAI\	30	>TP53-M160 GTRVRAVAIY	46	16
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>TP53-M169 HMTEVVRR	65	>TP53-M169 HITEVVRR	145	80
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>TP53-M169 AMAIYKQSQI	221	>TP53-M169 AMAIYKQSQI	832	611
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>TP53-M169 QHMTEVVR	269	>TP53-M169 QHTTEVVR	471	202
>TP53-M169 QHMTEVVR	195	>TP53-M169 QHTTEVVR	347	152
>TP53-M169 SQHMTEVV	115	>TP53-M169 SQHTTEVV	125	10
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>TP53-M169 SQHMTEVVR	115	>TP53-M169 SQHTTEVVR	213	98
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>TP53-M169 SQHMTEVVR	162	>TP53-M169 SQHTTEVVR	145	17
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>TP53-M169 AIYKQSQHM'	662	>TP53-M169 AIYKQSQHTT	294	368
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>TP53-M169 AMAIYKQSQI	1909	>TP53-M169 AMAIYKQSQI	46	1863
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>TP53-M169 SQHMTEVVR	434	>TP53-M169 SQHVTEVVR	1024	590
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>TP53-M169 AIYKQSQHM	62	>TP53-M169 AIYKQSQHV	698	636
>TP53-M169 AIYKQSQHM	198	>TP53-M169 AIYKQSQHV	603	405
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>TP53-M169 MAIYKQSQH	3250	>TP53-M169 MAIYKQSQH'	110	3140
>TP53-M169 MAIYKQSQH	226	>TP53-M169 MAIYKQSQH'	2657	2431
>TP53-M169 MAIYKQSQH	205	>TP53-M169 MAIYKQSQH'	941	736
>TP53-M169 MAIYKQSQH	20	>TP53-M169 MAIYKQSQH'	1126	1106
>TP53-M169 MAIYKQSQH	151	>TP53-M169 MAIYKQSQH'	5961	5810
>TP53-M237 YMCNSSCM	262	>TP53-M237 YICNSSCM	4776	4514
>TP53-M237 YMCNSSCMG	252	>TP53-M237 YICNSSCMG	3527	3275
>TP53-M237 YMCNSSCM	205	>TP53-M237 YICNSSCM	2707	2502
>TP53-M237 YMCNSSCMG	167	>TP53-M237 YICNSSCMG	2114	1947
>TP53-M237 YMCNSSCM	283	>TP53-M237 YICNSSCM	3420	3137
>TP53-M237 YMCNSSCMG	41	>TP53-M237 YICNSSCMG	610	569
>TP53-M237 YMCNSSCMG	143	>TP53-M237 YICNSSCMG	443	300
>TP53-M237 YMCNSSCM	24	>TP53-M237 YICNSSCM	932	908
>TP53-M237 YMCNSSCMG	92	>TP53-M237 YICNSSCMG	3723	3631
>TP53-M237 YMCNSSCMG	399	>TP53-M237 YICNSSCMG	8288	7889
>TP53-M237 YMCNSSCMG	16	>TP53-M237 YICNSSCMG	544	528
>TP53-M237 YMCNSSCM	92	>TP53-M237 YICNSSCM	5715	5623
>TP53-M237 YMCNSSCMG	197	>TP53-M237 YICNSSCMG	7777	7580
>TP53-M237 YMCNSSCM	150	>TP53-M237 YICNSSCM	4647	4497
>TP53-M237 YMCNSSCMG	421	>TP53-M237 YICNSSCMG	6340	5919
>TP53-M237 YMCNSSCM	67	>TP53-M237 YICNSSCM	3526	3459
>TP53-M237 YMCNSSCMG	332	>TP53-M237 YICNSSCMG	6186	5854
>TP53-M237 YMCNSSCM	33	>TP53-M237 YICNSSCM	1341	1308
>TP53-M237 YMCNSSCMG	53	>TP53-M237 YICNSSCMG	1219	1166
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>TP53-M237 YMCNSSCMG	591	>TP53-M237 YICNSSCMG	146	445
>TP53-M237 YMCNSSCM	33	>TP53-M237 YICNSSCM	112	79
>TP53-M237 YMCNSSCMG	127	>TP53-M237 YICNSSCMG	887	760
>TP53-M237 YMCNSSCMG	292	>TP53-M237 YICNSSCMG	2215	1923
>TP53-M237 YMCNSSCMG	44	>TP53-M237 YICNSSCMG	179	135



>TP53-M237 YMCNSSCM	98	>TP53-M237 YICNSSCM	888	790
>TP53-M237 YMCNSSCMC	145	>TP53-M237 YICNSSCMGC	1154	1009
>TP53-M237 YMCNSSCM	20	>TP53-M237 YICNSSCM	450	430
>TP53-M237 YMCNSSCMC	160	>TP53-M237 YICNSSCMGC	2640	2480
>TP53-M237 YMCNSSCMC	294	>TP53-M237 YICNSSCMGC	475	181
>TP53-M237 YMCNSSCM	310	>TP53-M237 YICNSSCM	684	374
>TP53-M237 YMCNSSCM	346	>TP53-M237 YICNSSCM	3371	3025
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>TP53-M237 SDCTTIHNYI	3428	>TP53-M237 SDCTTIHNYI	143	3285
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>TP53-M237 NYMCNSSCM	53	>TP53-M237 NYICNSSCM	71	18
>TP53-M237 YNYMCNSSCI	429	>TP53-M237 YNYICNSSCM	902	473
>TP53-M237 YNYMCNSSCI	31	>TP53-M237 YNYICNSSCM	72	41
>TP53-M237 YNYMCNSSCI	911	>TP53-M237 YNYICNSSCM	307	604
>TP53-M237 HNYMCNSS	70	>TP53-M237 HNYICNSSCI	150	80
>TP53-M237 TTIHNYM	46	>TP53-M237 TTIHNYI	121	75
>TP53-M237 TTIHNYM	1038	>TP53-M237 TTIHNYI	193	845
>TP53-M237 TTIHNYM	4872	>TP53-M237 TTIHNYI	476	4396
>TP53-M237 TTIHNYM	1118	>TP53-M237 TTIHNYI	157	961
>TP53-M237 TTIHNYM	46	>TP53-M237 TTIHNYI	2633	2587
>TP53-M237 TTIHNYM	5	>TP53-M237 TTIHNYI	145	140
>TP53-M237 TTIHNYM	135	>TP53-M237 TTIHNYI	4618	4483
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>TP53-M237 TTIHNYMC	120	>TP53-M237 TTIHNYIC	438	318
>TP53-M237 TTIHNYMCI	102	>TP53-M237 TTIHNYICNS	141	39
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>TP53-M237 TTIHNYM	260	>TP53-M237 TTIHNYI	2129	1869
>TP53-M237 TTIHNYM	3330	>TP53-M237 TTIHNYI	115	3215
>TP53-M237 CTTIHNYM	116	>TP53-M237 CTTIHNYI	358	242
>TP53-M237 CTTIHNYM	207	>TP53-M237 CTTIHNYI	4801	4594
>TP53-M237 CTTIHNYM	1337	>TP53-M237 CTTIHNYI	50	1287
>TP53-M237 CTTIHNYM	11	>TP53-M237 CTTIHNYI	19	8
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>TP53-M237 CTTIHNYM	405	>TP53-M237 CTTIHNYI	18	387
>TP53-M237 YMCNSSCM	262	>TP53-M237 YKCNSSCM	23301	23039
>TP53-M237 YMCNSSCMC	252	>TP53-M237 YKCNSSCMG	22445	22193
>TP53-M237 YMCNSSCM	205	>TP53-M237 YKCNSSCM	24035	23830
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>TP53-M237 YMCNSSCM	283	>TP53-M237 YKCNSSCM	20069	19786
>TP53-M237 YMCNSSCMC	41	>TP53-M237 YKCNSSCMG	16339	16298
>TP53-M237 YMCNSSCMC	143	>TP53-M237 YKCNSSCMG	11957	11814
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>TP53-M237 YMCNSSCMC	92	>TP53-M237 YKCNSSCMG	21400	21308
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>TP53-M237 YMCNSSCMC	16	>TP53-M237 YKCNSSCMG	14200	14184
>TP53-M237 YMCNSSCM	92	>TP53-M237 YKCNSSCM	20918	20826
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>TP53-M237 YMCNSSCM	150	>TP53-M237 YKCNSSCM	22783	22633
>TP53-M237 YMCNSSCMC	421	>TP53-M237 YKCNSSCMG	21938	21517
>TP53-M237 YMCNSSCM	67	>TP53-M237 YKCNSSCM	20189	20122
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>TP53-M237 YMCNSSCM	33	>TP53-M237 YKCNSSCM	28087	28054
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>TP53-M237 YMCNSSCM	33	>TP53-M237 YKCNSSCM	4026	3993
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>TP53-M237 YMCNSSCM	98	>TP53-M237 YKCNSSCM	6065	5967
>TP53-M237 YMCNSSCMC	145	>TP53-M237 YKCNSSCMG	6574	6429
>TP53-M237 YMCNSSCM	20	>TP53-M237 YKCNSSCM	10	10
>TP53-M237 YMCNSSCMC	160	>TP53-M237 YKCNSSCMG	76	84
>TP53-M237 YMCNSSCMC	294	>TP53-M237 YKCNSSCMG	10471	10177
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>TP53-M237 YMCNSSCM	346	>TP53-M237 YKCNSSCM	245	101
>TP53-M237 NYMCNSSCM	53	>TP53-M237 NYKCNSSCM	343	290
>TP53-M237 YNYMCNSSC	429	>TP53-M237 YNYKCNSSCM	553	124
>TP53-M237 YNYMCNSSC	31	>TP53-M237 YNYKCNSSCM	32	1
>TP53-M237 HNYMCNSS	70	>TP53-M237 HNYKCNSSC	888	818
>TP53-M237 TTIHYNM	46	>TP53-M237 TTIHYNK	7131	7085
>TP53-M237 TTIHYNM	20631	>TP53-M237 TTIHYNK	204	20427
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>TP53-M237 TTIHYNM	46	>TP53-M237 TTIHYNK	12521	12475
>TP53-M237 TTIHYNM	5	>TP53-M237 TTIHYNK	2129	2124
>TP53-M237 TTIHYNM	135	>TP53-M237 TTIHYNK	6815	6680
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>TP53-M237 TTIHYNM	1012	>TP53-M237 TTIHYNK	3	1009
>TP53-M237 TTIHYNM	17	>TP53-M237 TTIHYNK	3022	3005
>TP53-M237 TTIHYNMC	120	>TP53-M237 TTIHYNKC	170	50
>TP53-M237 TTIHYNMCM	102	>TP53-M237 TTIHYNKCN	290	188
>TP53-M237 TTIHYNM	69	>TP53-M237 TTIHYNK	8633	8564
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>TP53-M237 TTIHYNM	260	>TP53-M237 TTIHYNK	17026	16766
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>TP53-M237 CTTIHYNM	21039	>TP53-M237 CTTIHNYK	346	20693
>TP53-M237 CTTIHYNM	18964	>TP53-M237 CTTIHNYK	28	18936
>TP53-M237 CTTIHYNM	207	>TP53-M237 CTTIHNYK	25262	25055
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>TP53-M237 CTTIHYNM	7088	>TP53-M237 CTTIHNYK	98	6990
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>TP53-M237 CTTIHYNM	11	>TP53-M237 CTTIHNYK	1338	1327
>TP53-M237 CTTIHYNM	184	>TP53-M237 CTTIHNYKC	573	389
>TP53-M237 CTTIHYNM	3413	>TP53-M237 CTTIHNYK	232	3181
>TP53-M237 CTTIHYNM	405	>TP53-M237 CTTIHNYK	29736	29331
>TP53-M237 YMCNSSCM	262	>TP53-M237 YLCNSSCM	316	54
>TP53-M237 YMCNSSCM	252	>TP53-M237 YLCNSSCMG	308	56
>TP53-M237 YMCNSSCM	205	>TP53-M237 YLCNSSCM	144	61
>TP53-M237 YMCNSSCM	167	>TP53-M237 YLCNSSCMG	114	53
>TP53-M237 YMCNSSCM	283	>TP53-M237 YLCNSSCM	347	64
>TP53-M237 YMCNSSCM	41	>TP53-M237 YLCNSSCMG	49	8
>TP53-M237 YMCNSSCM	143	>TP53-M237 YLCNSSCMG	264	121
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>TP53-M237 YMCNSSCM	399	>TP53-M237 YLCNSSCMG	687	288
>TP53-M237 YMCNSSCM	16	>TP53-M237 YLCNSSCMG	21	5
>TP53-M237 YMCNSSCM	92	>TP53-M237 YLCNSSCM	118	26
>TP53-M237 YMCNSSCM	197	>TP53-M237 YLCNSSCMG	282	85
>TP53-M237 YMCNSSCM	150	>TP53-M237 YLCNSSCM	161	11
>TP53-M237 YMCNSSCM	421	>TP53-M237 YLCNSSCMG	449	28
>TP53-M237 YMCNSSCM	67	>TP53-M237 YLCNSSCM	97	30
>TP53-M237 YMCNSSCM	332	>TP53-M237 YLCNSSCMG	469	137
>TP53-M237 YMCNSSCM	33	>TP53-M237 YLCNSSCM	18	15
>TP53-M237 YMCNSSCM	903	>TP53-M237 YLCNSSCMG	411	492
>TP53-M237 YMCNSSCM	53	>TP53-M237 YLCNSSCMG	28	25
>TP53-M237 YMCNSSCM	33	>TP53-M237 YLCNSSCM	60	27
>TP53-M237 YMCNSSCM	127	>TP53-M237 YLCNSSCMG	341	214
>TP53-M237 YMCNSSCM	292	>TP53-M237 YLCNSSCMG	925	633
>TP53-M237 YMCNSSCM	44	>TP53-M237 YLCNSSCMG	90	46
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>TP53-M237 YMCNSSCM	145	>TP53-M237 YLCNSSCMG	218	73
>TP53-M237 YMCNSSCM	20	>TP53-M237 YLCNSSCM	131	111
>TP53-M237 YMCNSSCM	160	>TP53-M237 YLCNSSCMG	1168	1008
>TP53-M237 YMCNSSCM	294	>TP53-M237 YLCNSSCMG	734	440
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>TP53-M237 YMCNSSCM	346	>TP53-M237 YLCNSSCM	2671	2325
>TP53-M237 NYMCNSSCM	53	>TP53-M237 NYLCNSSCM	120	67
>TP53-M237 YNYMCNSSCM	429	>TP53-M237 YNYLCNSSCM	1155	726

>TP53-M237 YNYMCNSSCI	31	>TP53-M237 YNYLCNSSCM	83	52
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>TP53-M237 TTIHYNM	46	>TP53-M237 TTIHYNL	18	28
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>TP53-M237 TTIHYNM	1118	>TP53-M237 TTIHYNL	180	938
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>TP53-M237 TTIHYNM	5	>TP53-M237 TTIHYNL	26	21
>TP53-M237 TTIHYNM	135	>TP53-M237 TTIHYNL	1099	964
>TP53-M237 TTIHYNM	17	>TP53-M237 TTIHYNL	7	10
>TP53-M237 TTIHYNMC	120	>TP53-M237 TTIHYNLC	69	51
>TP53-M237 TTIHYNMCM	102	>TP53-M237 TTIHYNLCN	177	75
>TP53-M237 TTIHYNM	69	>TP53-M237 TTIHYNL	47	22
>TP53-M237 TTIHYNM	61	>TP53-M237 TTIHYNL	99	38
>TP53-M237 TTIHYNM	260	>TP53-M237 TTIHYNL	1343	1083
>TP53-M237 CTTIHYNM	116	>TP53-M237 CTTIHYNL	139	23
>TP53-M237 CTTIHYNM	207	>TP53-M237 CTTIHYNL	1371	1164
>TP53-M237 CTTIHYNM	1337	>TP53-M237 CTTIHYNL	105	1232
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>TP53-M237 CTTIHYNMC	184	>TP53-M237 CTTIHYNLC	84	100
>TP53-M237 CTTIHYNM	405	>TP53-M237 CTTIHYNL	192	213
>TP53-M237 MCNSSCMGC	944	>TP53-M237 RCNSSCMGG	300	644
>TP53-M237 YMCNSSCM	262	>TP53-M237 YRCNSSCM	23772	23510
>TP53-M237 YMCNSSCMC	252	>TP53-M237 YRCNSSCMG	23227	22975
>TP53-M237 YMCNSSCM	205	>TP53-M237 YRCNSSCM	27446	27241
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>TP53-M237 YMCNSSCM	283	>TP53-M237 YRCNSSCM	21590	21307
>TP53-M237 YMCNSSCMC	41	>TP53-M237 YRCNSSCMG	18978	18937
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>TP53-M237 YMCNSSCM	24	>TP53-M237 YRCNSSCM	20698	20674
>TP53-M237 YMCNSSCMC	92	>TP53-M237 YRCNSSCMG	24163	24071
>TP53-M237 YMCNSSCMC	399	>TP53-M237 YRCNSSCMG	27459	27060
>TP53-M237 YMCNSSCMC	16	>TP53-M237 YRCNSSCMG	18264	18248
>TP53-M237 YMCNSSCM	92	>TP53-M237 YRCNSSCM	22707	22615
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>TP53-M237 YMCNSSCM	150	>TP53-M237 YRCNSSCM	24422	24272
>TP53-M237 YMCNSSCMC	421	>TP53-M237 YRCNSSCMG	23681	23260
>TP53-M237 YMCNSSCM	67	>TP53-M237 YRCNSSCM	21075	21008
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>TP53-M237 YMCNSSCM	33	>TP53-M237 YRCNSSCM	29406	29373
>TP53-M237 YMCNSSCMC	53	>TP53-M237 YRCNSSCMG	29352	29299
>TP53-M237 YMCNSSCM	33	>TP53-M237 YRCNSSCM	7758	7725
>TP53-M237 YMCNSSCMC	127	>TP53-M237 YRCNSSCMG	16675	16548

>TP53-M237 YMCNSSCMC	292	>TP53-M237 YRCNSSCMG	18558	18266
>TP53-M237 YMCNSSCMC	44	>TP53-M237 YRCNSSCMG	8807	8763
>TP53-M237 YMCNSSCM	98	>TP53-M237 YRCNSSCM	7220	7122
>TP53-M237 YMCNSSCMC	145	>TP53-M237 YRCNSSCMG	7731	7586
>TP53-M237 YMCNSSCM	20	>TP53-M237 YRCNSSCM	36	16
>TP53-M237 YMCNSSCMC	160	>TP53-M237 YRCNSSCMG	317	157
>TP53-M237 YMCNSSCMC	294	>TP53-M237 YRCNSSCMG	17346	17052
>TP53-M237 YMCNSSCMC	13516	>TP53-M237 YRCNSSCMG	442	13074
>TP53-M237 YMCNSSCM	310	>TP53-M237 YRCNSSCM	7268	6958
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>TP53-M237 NYMCNSSCM	53	>TP53-M237 NYRCNSSCM	824	771
>TP53-M237 YNYMCNSSCI	429	>TP53-M237 YNYRCNSSCM	671	242
>TP53-M237 YNYMCNSSCI	31	>TP53-M237 YNYRCNSSCM	32	1
>TP53-M237 HNYMCNSS	70	>TP53-M237 HNYRCNSS	276	206
>TP53-M237 TTIHNYM	46	>TP53-M237 TTIHNYR	2686	2640
>TP53-M237 TTIHNYM	5965	>TP53-M237 TTIHNYR	26	5939
>TP53-M237 TTIHNYM	46	>TP53-M237 TTIHNYR	8106	8060
>TP53-M237 TTIHNYM	5	>TP53-M237 TTIHNYR	1667	1662
>TP53-M237 TTIHNYM	135	>TP53-M237 TTIHNYR	8426	8291
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>TP53-M237 TTIHNYM	13097	>TP53-M237 TTIHNYR	33	13064
>TP53-M237 TTIHNYM	1012	>TP53-M237 TTIHNYR	2	1010
>TP53-M237 TTIHNYM	17	>TP53-M237 TTIHNYR	1828	1811
>TP53-M237 TTIHNYMC	120	>TP53-M237 TTIHNYRC	94	26
>TP53-M237 TTIHNYMCM	102	>TP53-M237 TTIHNYRCN	130	28
>TP53-M237 TTIHNYM	69	>TP53-M237 TTIHNYR	11540	11471
>TP53-M237 TTIHNYM	61	>TP53-M237 TTIHNYR	13563	13502
>TP53-M237 TTIHNYM	260	>TP53-M237 TTIHNYR	12506	12246
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>TP53-M237 TTIHNYM	26150	>TP53-M237 TTIHNYR	93	26057
>TP53-M237 CTTIHNYM	116	>TP53-M237 CTTIHNYR	12991	12875
>TP53-M237 CTTIHNYM	18964	>TP53-M237 CTTIHNYR	319	18645
>TP53-M237 CTTIHNYM	207	>TP53-M237 CTTIHNYR	23598	23391
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>TP53-M237 CTTIHNYM	22151	>TP53-M237 CTTIHNYR	90	22061
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>TP53-M237 CTTIHNYMC	184	>TP53-M237 CTTIHNYRC	682	498
>TP53-M237 CTTIHNYM	3413	>TP53-M237 CTTIHNYR	306	3107
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>TP53-M237 DCTTIHNYM	20852	>TP53-M237 DCTTIHNYR	183	20669

>TP53-M237 DCTTIHYNM	20317	>TP53-M237 DCTTIHYNR	136	20181
>TP53-M237 YMCNSSCM	262	>TP53-M237 YTCNSSCM	11610	11348
>TP53-M237 YMCNSSCMG	252	>TP53-M237 YTCNSSCMG	8997	8745
>TP53-M237 YMCNSSCM	205	>TP53-M237 YTCNSSCM	8225	8020
>TP53-M237 YMCNSSCMG	167	>TP53-M237 YTCNSSCMG	6892	6725
>TP53-M237 YMCNSSCM	283	>TP53-M237 YTCNSSCM	9824	9541
>TP53-M237 YMCNSSCMG	41	>TP53-M237 YTCNSSCMG	3732	3691
>TP53-M237 YMCNSSCMG	143	>TP53-M237 YTCNSSCMG	1898	1755
>TP53-M237 YMCNSSCM	24	>TP53-M237 YTCNSSCM	3236	3212
>TP53-M237 YMCNSSCMG	92	>TP53-M237 YTCNSSCMG	7973	7881
>TP53-M237 YMCNSSCMG	399	>TP53-M237 YTCNSSCMG	13495	13096
>TP53-M237 YMCNSSCMG	16	>TP53-M237 YTCNSSCMG	1970	1954
>TP53-M237 YMCNSSCM	92	>TP53-M237 YTCNSSCM	10972	10880
>TP53-M237 YMCNSSCMG	197	>TP53-M237 YTCNSSCMG	12882	12685
>TP53-M237 YMCNSSCM	150	>TP53-M237 YTCNSSCM	11724	11574
>TP53-M237 YMCNSSCMG	421	>TP53-M237 YTCNSSCMG	12300	11879
>TP53-M237 YMCNSSCM	67	>TP53-M237 YTCNSSCM	12792	12725
>TP53-M237 YMCNSSCMG	332	>TP53-M237 YTCNSSCMG	15661	15329
>TP53-M237 YMCNSSCM	33	>TP53-M237 YTCNSSCM	13405	13372
>TP53-M237 YMCNSSCMG	53	>TP53-M237 YTCNSSCMG	12252	12199
>TP53-M237 YMCNSSCMG	2458	>TP53-M237 YTCNSSCMG	45	2413
>TP53-M237 YMCNSSCM	3613	>TP53-M237 YTCNSSCM	79	3534
>TP53-M237 YMCNSSCMG	591	>TP53-M237 YTCNSSCMG	36	555
>TP53-M237 YMCNSSCMG	6947	>TP53-M237 YTCNSSCMG	218	6729
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>TP53-M237 YMCNSSCMG	127	>TP53-M237 YTCNSSCMG	1142	1015
>TP53-M237 YMCNSSCMG	292	>TP53-M237 YTCNSSCMG	2684	2392
>TP53-M237 YMCNSSCMG	44	>TP53-M237 YTCNSSCMG	235	191
>TP53-M237 YMCNSSCM	98	>TP53-M237 YTCNSSCM	3936	3838
>TP53-M237 YMCNSSCMG	145	>TP53-M237 YTCNSSCMG	4361	4216
>TP53-M237 YMCNSSCM	20	>TP53-M237 YTCNSSCM	281	261
>TP53-M237 YMCNSSCMG	160	>TP53-M237 YTCNSSCMG	2039	1879
>TP53-M237 YMCNSSCM	1533	>TP53-M237 YTCNSSCM	14	1519
>TP53-M237 YMCNSSCMG	294	>TP53-M237 YTCNSSCMG	6	288
>TP53-M237 YMCNSSCM	310	>TP53-M237 YTCNSSCM	790	480
>TP53-M237 YMCNSSCM	346	>TP53-M237 YTCNSSCM	5580	5234
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>TP53-M237 YMCNSSCMG	1073	>TP53-M237 YTCNSSCMG	13	1060
>TP53-M237 NYMCNSSCM	53	>TP53-M237 NYTCNSSCM	161	108
>TP53-M237 YNYMCNSSCM	429	>TP53-M237 YNYTCNSSCM	960	531
>TP53-M237 YNYMCNSSCM	31	>TP53-M237 YNYTCNSSCM	31	0
>TP53-M237 HNYMCNSSCM	70	>TP53-M237 HNYTCNSSCM	131	61
>TP53-M237 IHNYMCNSSCM	575	>TP53-M237 IHNYTCNSSCM	442	133

>TP53-M237 TTIHYNYM	46	>TP53-M237 TTIHNYT	2270	2224
>TP53-M237 TTIHYNYM	46	>TP53-M237 TTIHNYT	8636	8590
>TP53-M237 TTIHYNYM	5	>TP53-M237 TTIHNYT	812	807
>TP53-M237 TTIHYNYM	135	>TP53-M237 TTIHNYT	13628	13493
>TP53-M237 TTIHYNYM	17	>TP53-M237 TTIHNYT	34	17
>TP53-M237 TTIHYNMYC	120	>TP53-M237 TTIHNYTC	132	12
>TP53-M237 TTIHYNMCM	102	>TP53-M237 TTIHNYTCN!	108	6
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>TP53-M237 CTTIHYNYM	116	>TP53-M237 CTTIHNYT	3488	3372
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>TP53-M237 CTTIHYNYM	11	>TP53-M237 CTTIHNYT	734	723
>TP53-M237 CTTIHYNMYC	184	>TP53-M237 CTTIHNYTC	292	108
>TP53-M237 CTTIHYNYM	405	>TP53-M237 CTTIHNYT	17627	17222
>TP53-M237 YMCNSSCM	262	>TP53-M237 YVCNSSCM	7429	7167
>TP53-M237 YMCNSSCMC	252	>TP53-M237 YVCNSSCMG	5569	5317
>TP53-M237 YMCNSSCM	205	>TP53-M237 YVCNSSCM	5870	5665
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>TP53-M237 YMCNSSCM	283	>TP53-M237 YVCNSSCM	6029	5746
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>TP53-M237 YMCNSSCMC	143	>TP53-M237 YVCNSSCMG	434	291
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>TP53-M237 YMCNSSCMC	399	>TP53-M237 YVCNSSCMG	13018	12619
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>TP53-M237 YMCNSSCM	92	>TP53-M237 YVCNSSCM	7885	7793
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>TP53-M237 YMCNSSCM	67	>TP53-M237 YVCNSSCM	5841	5774
>TP53-M237 YMCNSSCMC	332	>TP53-M237 YVCNSSCMG	8838	8506
>TP53-M237 YMCNSSCM	33	>TP53-M237 YVCNSSCM	3613	3580
>TP53-M237 YMCNSSCMC	53	>TP53-M237 YVCNSSCMG	3064	3011
>TP53-M237 YMCNSSCMC	2458	>TP53-M237 YVCNSSCMG	85	2373
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>TP53-M237 YMCNSSCMC	591	>TP53-M237 YVCNSSCMG	56	535
>TP53-M237 YMCNSSCM	33	>TP53-M237 YVCNSSCM	121	88
>TP53-M237 YMCNSSCMC	127	>TP53-M237 YVCNSSCMG	909	782
>TP53-M237 YMCNSSCMC	292	>TP53-M237 YVCNSSCMG	2223	1931
>TP53-M237 YMCNSSCMC	44	>TP53-M237 YVCNSSCMG	193	149
>TP53-M237 YMCNSSCM	98	>TP53-M237 YVCNSSCM	1183	1085
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>TP53-M237 YMCNSSCM	310	>TP53-M237 YVCNSSCM	163	147
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>TP53-M237 SDCTTIHYN	2288	>TP53-M237 SDCTTIHYN	185	2103
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>TP53-M237 HNYMCNSS	70	>TP53-M237 HNYVCNSS	123	53
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>TP53-M237 TTIHYNM	4180	>TP53-M237 TTIHYNV	146	4034
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>TP53-M237 TTIHYNM	4872	>TP53-M237 TTIHYNV	63	4809
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>TP53-M237 TTIHYNM	46	>TP53-M237 TTIHYNV	1413	1367
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>TP53-M237 TTIHYNM	135	>TP53-M237 TTIHYNV	5836	5701
>TP53-M237 TTIHYNM	17	>TP53-M237 TTIHYNV	5	12
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>TP53-M237 TTIHYNMCM	102	>TP53-M237 TTIHYNVCN	163	61
>TP53-M237 TTIHYNM	69	>TP53-M237 TTIHYNV	7	62
>TP53-M237 TTIHYNM	61	>TP53-M237 TTIHYNV	2883	2822
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>TP53-M237 CTTIHYNM	116	>TP53-M237 CTTIHYNV	433	317
>TP53-M237 CTTIHYNM	5332	>TP53-M237 CTTIHYNV	487	4845
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>TP53-M237 CTTIHYNM	1337	>TP53-M237 CTTIHYNV	15	1322
>TP53-M237 CTTIHYNM	11	>TP53-M237 CTTIHYNV	34	23
>TP53-M237 CTTIHYNMC	184	>TP53-M237 CTTIHYNVC	343	159
>TP53-M237 CTTIHYNM	405	>TP53-M237 CTTIHYNV	976	571
>TP53-M243 MGGMNR	803	>TP53-M243 IGGMNRPI	354	449
>TP53-M243 CMGGMNR	88	>TP53-M243 CIGGMNRPI	2196	2108
>TP53-M243 CMGGMNR	314	>TP53-M243 CIGGMNR	2203	1889
>TP53-M243 CMGGMNR	117	>TP53-M243 CIGGMNR	202	85
>TP53-M243 HNYMCNSS	70	>TP53-M243 HNYMCNSS	9	61
>TP53-M243 HNYMCNSS	9506	>TP53-M243 HNYMCNSS	450	9056
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>TP53-M243 HYNMYCNSS	3499	>TP53-M243 HYNMYCNSS	464	3035
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>TP53-M243 SCMGGMNR	464	>TP53-M243 SCIGGMNR	682	218
>TP53-M243 SSCMGGMNI	58	>TP53-M243 SSCIGGMNR	128	70
>TP53-M243 SSCMGGMNI	192	>TP53-M243 SSCIGGMNRF	444	252
>TP53-M243 SSCMGGMNI	110	>TP53-M243 SSCIGGMNR	150	40
>TP53-M243 SSCMGGMNI	56	>TP53-M243 SSCIGGMNRF	69	13
>TP53-M243 SSCMGGMNI	220	>TP53-M243 SSCIGGMNR	340	120
>TP53-M243 SSCMGGMNI	361	>TP53-M243 SSCIGGMNRF	417	56
>TP53-M243 SSCMGGMNI	398	>TP53-M243 SSCIGGMNR	300	98
>TP53-M243 SSCMGGMNI	460	>TP53-M243 SSCIGGMNRF	345	115
>TP53-M243 NSSCMGGMI	111	>TP53-M243 NSSCIGGMNI	171	60
>TP53-M243 NSSCMGGMI	55	>TP53-M243 NSSCIGGMNI	67	12
>TP53-M243 NSSCMGGMI	365	>TP53-M243 NSSCIGGMNI	405	40
>TP53-M243 NSSCMGGMI	12	>TP53-M243 NSSCIGGMNI	12	0
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>TP53-M243 CNSSCMGGM	639	>TP53-M243 CNSSCIGGMI	452	187
>TP53-M243 YMCNSSCM	262	>TP53-M243 YMCNSSCI	55	207
>TP53-M243 YMCNSSCMC	252	>TP53-M243 YMCNSSCIGC	196	56
>TP53-M243 YMCNSSCM	205	>TP53-M243 YMCNSSCI	47	158
>TP53-M243 YMCNSSCMC	167	>TP53-M243 YMCNSSCIGC	162	5
>TP53-M243 YMCNSSCM	283	>TP53-M243 YMCNSSCI	19	264
>TP53-M243 YMCNSSCMC	41	>TP53-M243 YMCNSSCIGC	39	2
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>TP53-M243 YMCNSSCMC	143	>TP53-M243 YMCNSSCIGC	143	0
>TP53-M243 YMCNSSCM	24	>TP53-M243 YMCNSSCI	5	19
>TP53-M243 YMCNSSCMC	92	>TP53-M243 YMCNSSCIG	693	601
>TP53-M243 YMCNSSCMC	399	>TP53-M243 YMCNSSCIGC	398	1
>TP53-M243 YMCNSSCMC	16	>TP53-M243 YMCNSSCIGC	10	6
>TP53-M243 YMCNSSCM	92	>TP53-M243 YMCNSSCI	14	78
>TP53-M243 YMCNSSCMC	197	>TP53-M243 YMCNSSCIGC	124	73
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>TP53-M243 YMCNSSCMC	421	>TP53-M243 YMCNSSCIGC	247	174
>TP53-M243 YMCNSSCM	67	>TP53-M243 YMCNSSCI	22	45
>TP53-M243 YMCNSSCMC	332	>TP53-M243 YMCNSSCIGC	100	232
>TP53-M243 YMCNSSCM	33	>TP53-M243 YMCNSSCI	8	25
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>TP53-M243 YMCNSSCMC	127	>TP53-M243 YMCNSSCIG	143	16
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>TP53-M243 YMCNSSCMC	44	>TP53-M243 YMCNSSCIGC	40	4
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>TP53-M243 YMCNSSCM	20	>TP53-M243 YMCNSSCI	41	21
>TP53-M243 YMCNSSCMC	160	>TP53-M243 YMCNSSCIGC	125	35
>TP53-M243 YMCNSSCMC	294	>TP53-M243 YMCNSSCIGC	505	211
>TP53-M243 YMCNSSCM	310	>TP53-M243 YMCNSSCI	8098	7788
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>TP53-M243 NYMCNSSCV	53	>TP53-M243 NYMCNSSCI	6	47
>TP53-M243 NYMCNSSCV	924	>TP53-M243 NYMCNSSCI	61	863
>TP53-M243 NYMCNSSCV	942	>TP53-M243 NYMCNSSCI	109	833
>TP53-M243 NYMCNSSCV	650	>TP53-M243 NYMCNSSCI	63	587
>TP53-M243 YNYMCNSSCI	1308	>TP53-M243 YNYMCNSSCI	81	1227
>TP53-M243 YNYMCNSSCI	429	>TP53-M243 YNYMCNSSCI	4182	3753
>TP53-M243 YNYMCNSSCI	31	>TP53-M243 YNYMCNSSCI	82	51
>TP53-M243 CMGGMNRR	88	>TP53-M243 CKGGMNRRF	27758	27670
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>TP53-M243 CMGGMNRR	117	>TP53-M243 CKGGMNRR	1572	1455
>TP53-M243 HNYMCNSS	70	>TP53-M243 HNYMCNSS	11339	11269
>TP53-M243 HNYMCNSS	2187	>TP53-M243 HNYMCNSS	56	2131
>TP53-M243 HNYMCNSS	11621	>TP53-M243 HNYMCNSS	266	11355
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>TP53-M243 SCMGGMNR	3859	>TP53-M243 SCKGGMNR	286	3573
>TP53-M243 SCMGGMNR	464	>TP53-M243 SCKGGMNR	913	449
>TP53-M243 SSCMGGMNI	58	>TP53-M243 SSCKGGMNR	129	71
>TP53-M243 SSCMGGMNI	192	>TP53-M243 SSCKGGMNR	892	700
>TP53-M243 SSCMGGMNI	110	>TP53-M243 SSCKGGMNR	169	59
>TP53-M243 SSCMGGMNI	56	>TP53-M243 SSCKGGMNR	75	19
>TP53-M243 SSCMGGMNI	220	>TP53-M243 SSCKGGMNR	313	93
>TP53-M243 SSCMGGMNI	361	>TP53-M243 SSCKGGMNR	1414	1053
>TP53-M243 SSCMGGMNI	398	>TP53-M243 SSCKGGMNR	419	21
>TP53-M243 SSCMGGMNI	460	>TP53-M243 SSCKGGMNR	443	17
>TP53-M243 NSSCMGGMI	111	>TP53-M243 NSSCKGGMN	333	222
>TP53-M243 NSSCMGGMI	55	>TP53-M243 NSSCKGGMN	103	48
>TP53-M243 NSSCMGGMI	365	>TP53-M243 NSSCKGGMN	570	205
>TP53-M243 NSSCMGGMI	12	>TP53-M243 NSSCKGGMN	47	35
>TP53-M243 NSSCMGGMI	39	>TP53-M243 NSSCKGGMN	112	73
>TP53-M243 YMCNSSCM	262	>TP53-M243 YMCNSSCK	18277	18015
>TP53-M243 YMCNSSCMC	252	>TP53-M243 YMCNSSCKG	1034	782
>TP53-M243 YMCNSSCM	205	>TP53-M243 YMCNSSCK	11701	11496
>TP53-M243 YMCNSSCMC	167	>TP53-M243 YMCNSSCKG	686	519
>TP53-M243 YMCNSSCM	283	>TP53-M243 YMCNSSCK	11141	10858
>TP53-M243 YMCNSSCMC	41	>TP53-M243 YMCNSSCKG	242	201
>TP53-M243 YMCNSSCMC	143	>TP53-M243 YMCNSSCKG	869	726
>TP53-M243 YMCNSSCM	24	>TP53-M243 YMCNSSCK	1926	1902

>TP53-M243 YMCNSSCMC	92	>TP53-M243 YMCNSSCKG	217	125
>TP53-M243 YMCNSSCMC	399	>TP53-M243 YMCNSSCKG	1014	615
>TP53-M243 YMCNSSCMC	16	>TP53-M243 YMCNSSCKG	24	8
>TP53-M243 YMCNSSCM	92	>TP53-M243 YMCNSSCK	10470	10378
>TP53-M243 YMCNSSCMC	197	>TP53-M243 YMCNSSCKG	348	151
>TP53-M243 YMCNSSCM	150	>TP53-M243 YMCNSSCK	7454	7304
>TP53-M243 YMCNSSCMC	421	>TP53-M243 YMCNSSCKG	597	176
>TP53-M243 YMCNSSCM	67	>TP53-M243 YMCNSSCK	15556	15489
>TP53-M243 YMCNSSCMC	332	>TP53-M243 YMCNSSCKG	419	87
>TP53-M243 YMCNSSCM	33	>TP53-M243 YMCNSSCK	1157	1124
>TP53-M243 YMCNSSCMC	53	>TP53-M243 YMCNSSCKG	59	6
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>TP53-M243 YMCNSSCM	19576	>TP53-M243 YMCNSSCK	56	19520
>TP53-M243 YMCNSSCM	22347	>TP53-M243 YMCNSSCK	138	22209
>TP53-M243 YMCNSSCM	33	>TP53-M243 YMCNSSCK	3283	3250
>TP53-M243 YMCNSSCMC	127	>TP53-M243 YMCNSSCKG	340	213
>TP53-M243 YMCNSSCMC	292	>TP53-M243 YMCNSSCKG	660	368
>TP53-M243 YMCNSSCMC	44	>TP53-M243 YMCNSSCKG	66	22
>TP53-M243 YMCNSSCM	98	>TP53-M243 YMCNSSCK	7043	6945
>TP53-M243 YMCNSSCMC	145	>TP53-M243 YMCNSSCKG	174	29
>TP53-M243 YMCNSSCM	20	>TP53-M243 YMCNSSCK	314	294
>TP53-M243 YMCNSSCMC	160	>TP53-M243 YMCNSSCKG	229	69
>TP53-M243 YMCNSSCMC	294	>TP53-M243 YMCNSSCKG	747	453
>TP53-M243 YMCNSSCM	310	>TP53-M243 YMCNSSCK	16709	16399
>TP53-M243 YMCNSSCM	346	>TP53-M243 YMCNSSCK	17099	16753
>TP53-M243 NYMCNSSCN	53	>TP53-M243 NYMCNSSCK	15526	15473
>TP53-M243 NYMCNSSCN	24702	>TP53-M243 NYMCNSSCK	318	24384
>TP53-M243 YNYMCNSSCI	429	>TP53-M243 YNYMCNSSCI	16107	15678
>TP53-M243 YNYMCNSSCI	31	>TP53-M243 YNYMCNSSCI	590	559
>TP53-M243 CMGGMNRR	88	>TP53-M243 CLGGMNRRP	51	37
>TP53-M243 CMGGMNRR	314	>TP53-M243 CLGGMNRR	2044	1730
>TP53-M243 CMGGMNRR	117	>TP53-M243 CLGGMNRR	328	211
>TP53-M243 HNYMCNSS	70	>TP53-M243 HNYMCNSS	21	49
>TP53-M243 HNYMCNSS	2755	>TP53-M243 HNYMCNSS	228	2527
>TP53-M243 SCMGGMNR	464	>TP53-M243 SCLGGMNR	317	147
>TP53-M243 SSCMGGMNI	58	>TP53-M243 SSCLGGMNR	95	37
>TP53-M243 SSCMGGMNI	192	>TP53-M243 SSCLGGMNR	337	145
>TP53-M243 SSCMGGMNI	110	>TP53-M243 SSCLGGMNR	214	104
>TP53-M243 SSCMGGMNI	56	>TP53-M243 SSCLGGMNR	64	8
>TP53-M243 SSCMGGMNI	220	>TP53-M243 SSCLGGMNR	390	170
>TP53-M243 SSCMGGMNI	361	>TP53-M243 SSCLGGMNR	901	540
>TP53-M243 SSCMGGMNI	398	>TP53-M243 SSCLGGMNR	654	256
>TP53-M243 SSCMGGMNI	460	>TP53-M243 SSCLGGMNR	658	198

>TP53-M243 NSSCMGGMI	111	>TP53-M243 NSSCLGGMN	169	58
>TP53-M243 NSSCMGGMI	55	>TP53-M243 NSSCLGGMN	82	27
>TP53-M243 NSSCMGGMI	365	>TP53-M243 NSSCLGGMN	359	6
>TP53-M243 NSSCMGGMI	12	>TP53-M243 NSSCLGGMN	12	0
>TP53-M243 NSSCMGGMI	39	>TP53-M243 NSSCLGGMN	53	14
>TP53-M243 YMCNSSCM	262	>TP53-M243 YMCNSSCL	49	213
>TP53-M243 YMCNSSCMC	252	>TP53-M243 YMCNSSCLG	149	103
>TP53-M243 YMCNSSCM	205	>TP53-M243 YMCNSSCL	13	192
>TP53-M243 YMCNSSCMC	167	>TP53-M243 YMCNSSCLG	112	55
>TP53-M243 YMCNSSCM	283	>TP53-M243 YMCNSSCL	30	253
>TP53-M243 YMCNSSCMC	41	>TP53-M243 YMCNSSCLG	31	10
>TP53-M243 YMCNSSCM	676	>TP53-M243 YMCNSSCL	129	547
>TP53-M243 YMCNSSCMC	143	>TP53-M243 YMCNSSCLG	84	59
>TP53-M243 YMCNSSCM	24	>TP53-M243 YMCNSSCL	5	19
>TP53-M243 YMCNSSCMC	92	>TP53-M243 YMCNSSCLG	202	110
>TP53-M243 YMCNSSCMC	399	>TP53-M243 YMCNSSCLG	493	94
>TP53-M243 YMCNSSCMC	16	>TP53-M243 YMCNSSCLG	12	4
>TP53-M243 YMCNSSCM	92	>TP53-M243 YMCNSSCL	15	77
>TP53-M243 YMCNSSCMC	197	>TP53-M243 YMCNSSCLG	120	77
>TP53-M243 YMCNSSCM	150	>TP53-M243 YMCNSSCL	19	131
>TP53-M243 YMCNSSCMC	421	>TP53-M243 YMCNSSCLG	317	104
>TP53-M243 YMCNSSCM	67	>TP53-M243 YMCNSSCL	16	51
>TP53-M243 YMCNSSCMC	332	>TP53-M243 YMCNSSCLG	128	204
>TP53-M243 YMCNSSCM	33	>TP53-M243 YMCNSSCL	4	29
>TP53-M243 YMCNSSCMC	53	>TP53-M243 YMCNSSCLG	32	21
>TP53-M243 YMCNSSCM	33	>TP53-M243 YMCNSSCL	73	40
>TP53-M243 YMCNSSCMC	127	>TP53-M243 YMCNSSCLG	190	63
>TP53-M243 YMCNSSCMC	292	>TP53-M243 YMCNSSCLG	254	38
>TP53-M243 YMCNSSCMC	44	>TP53-M243 YMCNSSCLG	46	2
>TP53-M243 YMCNSSCM	98	>TP53-M243 YMCNSSCL	385	287
>TP53-M243 YMCNSSCMC	145	>TP53-M243 YMCNSSCLG	190	45
>TP53-M243 YMCNSSCM	20	>TP53-M243 YMCNSSCL	34	14
>TP53-M243 YMCNSSCMC	160	>TP53-M243 YMCNSSCLG	177	17
>TP53-M243 YMCNSSCMC	294	>TP53-M243 YMCNSSCLG	507	213
>TP53-M243 YMCNSSCM	310	>TP53-M243 YMCNSSCL	3513	3203
>TP53-M243 YMCNSSCM	346	>TP53-M243 YMCNSSCL	62	284
>TP53-M243 NYMCNSSCN	53	>TP53-M243 NYMCNSSCL	14	39
>TP53-M243 NYMCNSSCN	924	>TP53-M243 NYMCNSSCL	134	790
>TP53-M243 NYMCNSSCN	942	>TP53-M243 NYMCNSSCL	273	669
>TP53-M243 NYMCNSSCN	650	>TP53-M243 NYMCNSSCL	58	592
>TP53-M243 NYMCNSSCN	1703	>TP53-M243 NYMCNSSCL	282	1421
>TP53-M243 YNYMCNSSCI	1351	>TP53-M243 YNYMCNSSCI	317	1034
>TP53-M243 YNYMCNSSCI	429	>TP53-M243 YNYMCNSSCI	2060	1631

>TP53-M243 YNYMCNSSCI	31	>TP53-M243 YNYMCNSSCI	55	24
>TP53-M243 YNYMCNSSCI	1238	>TP53-M243 YNYMCNSSCI	216	1022
>TP53-M243 MGGMNRRP	803	>TP53-M243 RGGMNRRPI	385	418
>TP53-M243 CMGGMNRR	88	>TP53-M243 CRGGMNRRF	29179	29091
>TP53-M243 CMGGMNRR	314	>TP53-M243 CRGGMNRR	17715	17401
>TP53-M243 CMGGMNRR	18820	>TP53-M243 CRGGMNRRF	152	18668
>TP53-M243 CMGGMNRR	117	>TP53-M243 CRGGMNRR	1084	967
>TP53-M243 HNYMCNSS	70	>TP53-M243 HNYMCNSS	15698	15628
>TP53-M243 HNYMCNSS	11621	>TP53-M243 HNYMCNSS	19	11602
>TP53-M243 HNYMCNSS	11024	>TP53-M243 HNYMCNSS	24	11000
>TP53-M243 HNYMCNSS	24541	>TP53-M243 HNYMCNSS	74	24467
>TP53-M243 HNYMCNSS	26722	>TP53-M243 HNYMCNSS	66	26656
>TP53-M243 SCMGGMNR	3859	>TP53-M243 SCRGGMNR	49	3810
>TP53-M243 SCMGGMNR	464	>TP53-M243 SCRGGMNR	1324	860
>TP53-M243 SSCMGGMNI	58	>TP53-M243 SSCRGGMNR	89	31
>TP53-M243 SSCMGGMNI	192	>TP53-M243 SSCRGGMNR	872	680
>TP53-M243 SSCMGGMNI	110	>TP53-M243 SSCRGGMNR	105	5
>TP53-M243 SSCMGGMNI	56	>TP53-M243 SSCRGGMNR	88	32
>TP53-M243 SSCMGGMNI	220	>TP53-M243 SSCRGGMNR	352	132
>TP53-M243 SSCMGGMNI	361	>TP53-M243 SSCRGGMNR	2060	1699
>TP53-M243 SSCMGGMNI	398	>TP53-M243 SSCRGGMNR	487	89
>TP53-M243 SSCMGGMNI	460	>TP53-M243 SSCRGGMNR	508	48
>TP53-M243 NSSCMGGMI	111	>TP53-M243 NSSCRGGMN	222	111
>TP53-M243 NSSCMGGMI	55	>TP53-M243 NSSCRGGMN	61	6
>TP53-M243 NSSCMGGMI	365	>TP53-M243 NSSCRGGMN	213	152
>TP53-M243 NSSCMGGMI	12	>TP53-M243 NSSCRGGMN	32	20
>TP53-M243 NSSCMGGMI	39	>TP53-M243 NSSCRGGMN	83	44
>TP53-M243 YMCNSSCM	262	>TP53-M243 YMCNSSCR	19928	19666
>TP53-M243 YMCNSSCMC	252	>TP53-M243 YMCNSSCRG	909	657
>TP53-M243 YMCNSSCM	205	>TP53-M243 YMCNSSCR	12292	12087
>TP53-M243 YMCNSSCMC	167	>TP53-M243 YMCNSSCRG	621	454
>TP53-M243 YMCNSSCM	283	>TP53-M243 YMCNSSCR	12860	12577
>TP53-M243 YMCNSSCMC	41	>TP53-M243 YMCNSSCRG	190	149
>TP53-M243 YMCNSSCMC	143	>TP53-M243 YMCNSSCRG	760	617
>TP53-M243 YMCNSSCM	24	>TP53-M243 YMCNSSCR	4032	4008
>TP53-M243 YMCNSSCMC	92	>TP53-M243 YMCNSSCRG	133	41
>TP53-M243 YMCNSSCMC	399	>TP53-M243 YMCNSSCRG	795	396
>TP53-M243 YMCNSSCMC	16	>TP53-M243 YMCNSSCRG	46	30
>TP53-M243 YMCNSSCM	92	>TP53-M243 YMCNSSCR	12831	12739
>TP53-M243 YMCNSSCMC	197	>TP53-M243 YMCNSSCRG	591	394
>TP53-M243 YMCNSSCM	150	>TP53-M243 YMCNSSCR	12034	11884
>TP53-M243 YMCNSSCMC	421	>TP53-M243 YMCNSSCRG	843	422
>TP53-M243 YMCNSSCM	67	>TP53-M243 YMCNSSCR	19201	19134

>TP53-M243 YMCNSSCMC	332	>TP53-M243 YMCNSSCRG	634	302
>TP53-M243 YMCNSSCM	33	>TP53-M243 YMCNSSCR	4259	4226
>TP53-M243 YMCNSSCMC	903	>TP53-M243 YMCNSSCRG	386	517
>TP53-M243 YMCNSSCMC	53	>TP53-M243 YMCNSSCRG	53	0
>TP53-M243 YMCNSSCM	14422	>TP53-M243 YMCNSSCR	56	14366
>TP53-M243 YMCNSSCM	21898	>TP53-M243 YMCNSSCR	102	21796
>TP53-M243 YMCNSSCM	22347	>TP53-M243 YMCNSSCR	38	22309
>TP53-M243 YMCNSSCM	33	>TP53-M243 YMCNSSCR	3690	3657
>TP53-M243 YMCNSSCMC	127	>TP53-M243 YMCNSSCRG	164	37
>TP53-M243 YMCNSSCMC	292	>TP53-M243 YMCNSSCRG	469	177
>TP53-M243 YMCNSSCMC	44	>TP53-M243 YMCNSSCRG	54	10
>TP53-M243 YMCNSSCM	98	>TP53-M243 YMCNSSCR	5923	5825
>TP53-M243 YMCNSSCMC	145	>TP53-M243 YMCNSSCRG	209	64
>TP53-M243 YMCNSSCM	20	>TP53-M243 YMCNSSCR	253	233
>TP53-M243 YMCNSSCMC	160	>TP53-M243 YMCNSSCRG	159	1
>TP53-M243 YMCNSSCMC	294	>TP53-M243 YMCNSSCRG	690	396
>TP53-M243 YMCNSSCM	310	>TP53-M243 YMCNSSCR	17223	16913
>TP53-M243 YMCNSSCM	346	>TP53-M243 YMCNSSCR	16899	16553
>TP53-M243 NYMCNSSCM	53	>TP53-M243 NYMCNSSCR	19552	19499
>TP53-M243 NYMCNSSCM	16165	>TP53-M243 NYMCNSSCR	60	16105
>TP53-M243 NYMCNSSCM	24702	>TP53-M243 NYMCNSSCR	111	24591
>TP53-M243 NYMCNSSCM	26039	>TP53-M243 NYMCNSSCR	52	25987
>TP53-M243 YNYMCNSSCI	25061	>TP53-M243 YNYMCNSSCI	406	24655
>TP53-M243 YNYMCNSSCI	13197	>TP53-M243 YNYMCNSSCI	115	13082
>TP53-M243 YNYMCNSSCI	30848	>TP53-M243 YNYMCNSSCI	172	30676
>TP53-M243 YNYMCNSSCI	429	>TP53-M243 YNYMCNSSCI	16490	16061
>TP53-M243 YNYMCNSSCI	31	>TP53-M243 YNYMCNSSCI	520	489
>TP53-M243 YNYMCNSSCI	32282	>TP53-M243 YNYMCNSSCI	449	31833
>TP53-M243 CMGGMNRR	88	>TP53-M243 CTGGMNRRF	13481	13393
>TP53-M243 CMGGMNRR	314	>TP53-M243 CTGGMNRR	689	375
>TP53-M243 CMGGMNRR	1022	>TP53-M243 CTGGMNRR	121	901
>TP53-M243 CMGGMNRR	117	>TP53-M243 CTGGMNRR	876	759
>TP53-M243 CMGGMNRR	9250	>TP53-M243 CTGGMNRRF	446	8804
>TP53-M243 HNYMCNSS	70	>TP53-M243 HNYMCNSS	2495	2425
>TP53-M243 SCMGGMNR	464	>TP53-M243 SCTGGMNR	1016	552
>TP53-M243 SSCMGGMNI	58	>TP53-M243 SSCTGGMNR	78	20
>TP53-M243 SSCMGGMNI	192	>TP53-M243 SSCTGGMNR	435	243
>TP53-M243 SSCMGGMNI	110	>TP53-M243 SSCTGGMNR	178	68
>TP53-M243 SSCMGGMNI	56	>TP53-M243 SSCTGGMNR	75	19
>TP53-M243 SSCMGGMNI	220	>TP53-M243 SSCTGGMNR	242	22
>TP53-M243 SSCMGGMNI	361	>TP53-M243 SSCTGGMNR	574	213
>TP53-M243 SSCMGGMNI	398	>TP53-M243 SSCTGGMNR	569	171
>TP53-M243 SSCMGGMNI	460	>TP53-M243 SSCTGGMNR	592	132

>TP53-M243'NSSCMGGMI	111	>TP53-M243'NSSCTGGMN	165	54
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>TP53-M243'NSSCMGGMI	365	>TP53-M243'NSSCTGGMN	692	327
>TP53-M243'NSSCMGGMI	12	>TP53-M243'NSSCTGGMN	20	8
>TP53-M243'NSSCMGGMI	39	>TP53-M243'NSSCTGGMN	46	7
>TP53-M243'NSSCMGGM	851	>TP53-M243'NSSCTGGM	448	403
>TP53-M243'CNSSCMGGM	639	>TP53-M243'CNSSCTGGM	336	303
>TP53-M243'YMCNSSCM	262	>TP53-M243'YMCNSSCT	1329	1067
>TP53-M243'YMCNSSCMC	252	>TP53-M243'YMCNSSCTG	250	2
>TP53-M243'YMCNSSCM	205	>TP53-M243'YMCNSSCT	1297	1092
>TP53-M243'YMCNSSCMC	167	>TP53-M243'YMCNSSCTG	157	10
>TP53-M243'YMCNSSCM	283	>TP53-M243'YMCNSSCT	339	56
>TP53-M243'YMCNSSCMC	41	>TP53-M243'YMCNSSCTG	42	1
>TP53-M243'YMCNSSCMC	143	>TP53-M243'YMCNSSCTG	206	63
>TP53-M243'YMCNSSCM	24	>TP53-M243'YMCNSSCT	62	38
>TP53-M243'YMCNSSCMC	92	>TP53-M243'YMCNSSCTG	68	24
>TP53-M243'YMCNSSCMC	399	>TP53-M243'YMCNSSCTG	471	72
>TP53-M243'YMCNSSCMC	16	>TP53-M243'YMCNSSCTG	13	3
>TP53-M243'YMCNSSCM	92	>TP53-M243'YMCNSSCT	567	475
>TP53-M243'YMCNSSCMC	197	>TP53-M243'YMCNSSCTG	104	93
>TP53-M243'YMCNSSCM	150	>TP53-M243'YMCNSSCT	354	204
>TP53-M243'YMCNSSCMC	421	>TP53-M243'YMCNSSCTG	291	130
>TP53-M243'YMCNSSCM	67	>TP53-M243'YMCNSSCT	577	510
>TP53-M243'YMCNSSCMC	332	>TP53-M243'YMCNSSCTG	83	249
>TP53-M243'YMCNSSCM	33	>TP53-M243'YMCNSSCT	53	20
>TP53-M243'YMCNSSCMC	903	>TP53-M243'YMCNSSCTG	267	636
>TP53-M243'YMCNSSCMC	53	>TP53-M243'YMCNSSCTG	34	19
>TP53-M243'YMCNSSCM	33	>TP53-M243'YMCNSSCT	1541	1508
>TP53-M243'YMCNSSCMC	127	>TP53-M243'YMCNSSCTG	72	55
>TP53-M243'YMCNSSCMC	292	>TP53-M243'YMCNSSCTG	238	54
>TP53-M243'YMCNSSCMC	44	>TP53-M243'YMCNSSCTG	38	6
>TP53-M243'YMCNSSCM	98	>TP53-M243'YMCNSSCT	4534	4436
>TP53-M243'YMCNSSCMC	145	>TP53-M243'YMCNSSCTG	102	43
>TP53-M243'YMCNSSCM	20	>TP53-M243'YMCNSSCT	870	850
>TP53-M243'YMCNSSCMC	160	>TP53-M243'YMCNSSCTG	115	45
>TP53-M243'YMCNSSCMC	294	>TP53-M243'YMCNSSCTG	405	111
>TP53-M243'YMCNSSCM	310	>TP53-M243'YMCNSSCT	10228	9918
>TP53-M243'YMCNSSCMC	958	>TP53-M243'YMCNSSCTG	373	585
>TP53-M243'YMCNSSCM	346	>TP53-M243'YMCNSSCT	13733	13387
>TP53-M243'NYMCNSSCV	53	>TP53-M243'NYMCNSSCT	3273	3220
>TP53-M243'YNYMCNSSCI	429	>TP53-M243'YNYMCNSSC	13352	12923
>TP53-M243'YNYMCNSSCI	31	>TP53-M243'YNYMCNSSC	2564	2533
>TP53-M243'MGGMNRRP	803	>TP53-M243'VGGMNRRPI	461	342

>TP53-M243 CMGGMNRR	88	>TP53-M243 CVGGMNRRF	4795	4707
>TP53-M243 CMGGMNRR	314	>TP53-M243 CVGGMNRR	1228	914
>TP53-M243 CMGGMNRR	1022	>TP53-M243 CVGGMNRR	273	749
>TP53-M243 CMGGMNRR	117	>TP53-M243 CVGGMNRR	582	465
>TP53-M243 HNYMNCSS	70	>TP53-M243 HNYMNCSS	71	1
>TP53-M243 SCMGGMNR	464	>TP53-M243 SCVGGMNR	588	124
>TP53-M243 SSCMGGMNI	58	>TP53-M243 SSCVGGMNR	119	61
>TP53-M243 SSCMGGMNI	192	>TP53-M243 SSCVGGMNR	606	414
>TP53-M243 SSCMGGMNI	110	>TP53-M243 SSCVGGMNR	120	10
>TP53-M243 SSCMGGMNI	56	>TP53-M243 SSCVGGMNR	130	74
>TP53-M243 SSCMGGMNI	220	>TP53-M243 SSCVGGMNR	285	65
>TP53-M243 SSCMGGMNI	361	>TP53-M243 SSCVGGMNR	610	249
>TP53-M243 SSCMGGMNI	398	>TP53-M243 SSCVGGMNR	351	47
>TP53-M243 SSCMGGMNI	460	>TP53-M243 SSCVGGMNR	417	43
>TP53-M243 NSSCMGGMI	111	>TP53-M243 NSSCVGGMI	192	81
>TP53-M243 NSSCMGGMI	55	>TP53-M243 NSSCVGGMI	92	37
>TP53-M243 NSSCMGGMI	365	>TP53-M243 NSSCVGGMI	295	70
>TP53-M243 NSSCMGGMI	12	>TP53-M243 NSSCVGGMI	10	2
>TP53-M243 NSSCMGGMI	39	>TP53-M243 NSSCVGGMI	26	13
>TP53-M243 YMCNSSCM	262	>TP53-M243 YMCNSSCV	21	241
>TP53-M243 YMCNSSCMC	252	>TP53-M243 YMCNSSCVG	224	28
>TP53-M243 YMCNSSCM	205	>TP53-M243 YMCNSSCV	11	194
>TP53-M243 YMCNSSCMC	167	>TP53-M243 YMCNSSCVG	180	13
>TP53-M243 YMCNSSCM	283	>TP53-M243 YMCNSSCV	5	278
>TP53-M243 YMCNSSCMC	41	>TP53-M243 YMCNSSCVG	37	4
>TP53-M243 YMCNSSCM	676	>TP53-M243 YMCNSSCV	20	656
>TP53-M243 YMCNSSCMC	143	>TP53-M243 YMCNSSCVG	209	66
>TP53-M243 YMCNSSCM	24	>TP53-M243 YMCNSSCV	2	22
>TP53-M243 YMCNSSCMC	92	>TP53-M243 YMCNSSCVG	218	126
>TP53-M243 YMCNSSCMC	399	>TP53-M243 YMCNSSCVG	372	27
>TP53-M243 YMCNSSCMC	16	>TP53-M243 YMCNSSCVG	10	6
>TP53-M243 YMCNSSCM	92	>TP53-M243 YMCNSSCV	5	87
>TP53-M243 YMCNSSCMC	197	>TP53-M243 YMCNSSCVG	129	68
>TP53-M243 YMCNSSCM	150	>TP53-M243 YMCNSSCV	6	144
>TP53-M243 YMCNSSCMC	421	>TP53-M243 YMCNSSCVG	239	182
>TP53-M243 YMCNSSCM	67	>TP53-M243 YMCNSSCV	4	63
>TP53-M243 YMCNSSCMC	332	>TP53-M243 YMCNSSCVG	80	252
>TP53-M243 YMCNSSCM	33	>TP53-M243 YMCNSSCV	2	31
>TP53-M243 YMCNSSCMC	53	>TP53-M243 YMCNSSCVG	34	19
>TP53-M243 YMCNSSCM	33	>TP53-M243 YMCNSSCV	152	119
>TP53-M243 YMCNSSCMC	127	>TP53-M243 YMCNSSCVG	54	73
>TP53-M243 YMCNSSCMC	292	>TP53-M243 YMCNSSCVG	237	55
>TP53-M243 YMCNSSCMC	44	>TP53-M243 YMCNSSCVG	34	10



>TP53-M243 YMCNSSCM	98	>TP53-M243 YMCNSSCV	666	568
>TP53-M243 YMCNSSCMC	145	>TP53-M243 YMCNSSCVG	158	13
>TP53-M243 YMCNSSCM	20	>TP53-M243 YMCNSSCV	61	41
>TP53-M243 YMCNSSCMC	160	>TP53-M243 YMCNSSCVG	99	61
>TP53-M243 YMCNSSCMC	294	>TP53-M243 YMCNSSCVG	419	125
>TP53-M243 YMCNSSCM	310	>TP53-M243 YMCNSSCV	10772	10462
>TP53-M243 YMCNSSCM	346	>TP53-M243 YMCNSSCV	1380	1034
>TP53-M243 NYMCNSSCM	53	>TP53-M243 NYMCNSSCV	57	4
>TP53-M243 NYMCNSSCM	8069	>TP53-M243 NYMCNSSCV	456	7613
>TP53-M243 YNYMCNSSC	1351	>TP53-M243 YNYMCNSSC	302	1049
>TP53-M243 YNYMCNSSC	7165	>TP53-M243 YNYMCNSSC	456	6709
>TP53-M243 YNYMCNSSC	5312	>TP53-M243 YNYMCNSSC	419	4893
>TP53-M243 YNYMCNSSC	429	>TP53-M243 YNYMCNSSC	4763	4334
>TP53-M243 YNYMCNSSC	31	>TP53-M243 YNYMCNSSC	115	84
>TP53-M246 MNRRPILTI	35	>TP53-M246 INRRPILTI	256	221
>TP53-M246 MNRRPILTI	200	>TP53-M246 INRRPILTI	1314	1114
>TP53-M246 MNRRPILTI	457	>TP53-M246 INRRPILTI	606	149
>TP53-M246 MNRRPILTI	399	>TP53-M246 INRRPILTI	847	448
>TP53-M246 GMNRRPILTI	185	>TP53-M246 GINRRPILTI	1336	1151
>TP53-M246 GMNRRPILTI	168	>TP53-M246 GINRRPILTI	1525	1357
>TP53-M246 GMNRRPIL	213	>TP53-M246 GINRRPIL	2919	2706
>TP53-M246 GMNRRPILTI	61	>TP53-M246 GINRRPILTI	254	193
>TP53-M246 GMNRRPILTI	13	>TP53-M246 GINRRPILTI	107	94
>TP53-M246 GMNRRPIL	229	>TP53-M246 GINRRPIL	5413	5184
>TP53-M246 GMNRRPILTI	10	>TP53-M246 GINRRPILTI	289	279
>TP53-M246 GMNRRPILTI	93	>TP53-M246 GINRRPILTI	3318	3225
>TP53-M246 GMNRRPIL	182	>TP53-M246 GINRRPIL	7929	7747
>TP53-M246 GMNRRPILTI	21	>TP53-M246 GINRRPILTI	2210	2189
>TP53-M246 GMNRRPILTI	53	>TP53-M246 GINRRPILTI	6034	5981
>TP53-M246 GMNRRPIL	160	>TP53-M246 GINRRPIL	6178	6018
>TP53-M246 GMNRRPILTI	66	>TP53-M246 GINRRPILTI	2782	2716
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>TP53-M246 YMCNSSCMC	197	>TP53-M246 YMCNSSCMC	27	170
>TP53-M246 YMCNSSCMC	421	>TP53-M246 YMCNSSCMC	56	365

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>TP53-M246 YMCNSSCMC	44	>TP53-M246 YMCNSSCMC	243	199
>TP53-M246 YMCNSSCMC	145	>TP53-M246 YMCNSSCMC	1101	956
>TP53-M246 YMCNSSCMC	160	>TP53-M246 YMCNSSCMC	428	268
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>TP53-M246 GGMNRRPIL	444	>TP53-M246 GGINRRPIL	2957	2513
>TP53-M246 CMGGMNRR	984	>TP53-M246 CMGGINRRP	465	519
>TP53-M246 CMGGMNRR	88	>TP53-M246 CMGGINRRP	105	17
>TP53-M246 CMGGMNRR	314	>TP53-M246 CMGGINRR	253	61
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>TP53-M246 CMGGMNRR	117	>TP53-M246 CMGGINRR	61	56
>TP53-M246 SCMGGMNR	464	>TP53-M246 SCMGGINR	333	131
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>TP53-M246 NSSCMGGMI	111	>TP53-M246 NSSCMGGINI	257	146
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>TP53-M246 GMNRRPIL	213	>TP53-M246 GKNRRPIL	21504	21291
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>TP53-M246 YMCNSSCMC	421	>TP53-M246 YMCNSSCMC	42	379
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>TP53-M246 YMCNSSCMC	44	>TP53-M246 YMCNSSCMC	4487	4443
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>TP53-M246 GGMNRRPIL	444	>TP53-M246 GGRNRRPIL	411	33
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>TP53-M246 GMNRRPILTI	168	>TP53-M246 GTNRRPILTI	4500	4332
>TP53-M246 GMNRRPIL	213	>TP53-M246 GTNRRPIL	9545	9332
>TP53-M246 GMNRRPILTI	61	>TP53-M246 GTNRRPILTI	655	594
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>TP53-M246 GMNRRPILTI	43	>TP53-M246 GTNRRPILTI	10421	10378
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>TP53-M246 GMNRRPILTI	18788	>TP53-M246 GTNRRPILTI	386	18402
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>TP53-M246 YMCNSSCMC	252	>TP53-M246 YMCNSSCMC	1078	826
>TP53-M246 YMCNSSCMC	167	>TP53-M246 YMCNSSCMC	958	791
>TP53-M246 YMCNSSCMC	41	>TP53-M246 YMCNSSCMC	45	4
>TP53-M246 YMCNSSCMC	143	>TP53-M246 YMCNSSCMC	370	227
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>TP53-M246 YMCNSSCMC	160	>TP53-M246 YMCNSSCMC	4689	4529
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>TP53-M246 GGMNRRPIL	444	>TP53-M246 GGTNRRPIL	6338	5894
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>TP53-M246 CMGGMNRR	314	>TP53-M246 CMGGTNRR	620	306
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>TP53-M246 SSCMGGMNI	58	>TP53-M246 SSCMGGTNR	369	311
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>TP53-M246 SSCMGGMNI	361	>TP53-M246 SSCMGGTNR	304	57
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>TP53-M246 GMNRRPILTI	185	>TP53-M246 GVNRRPILTI	2284	2099
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>TP53-M246 YMCNSSCMC	41	>TP53-M246 YMCNSSCMC	3	38
>TP53-M246 YMCNSSCMC	143	>TP53-M246 YMCNSSCMC	9	134
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>TP53-M246 YMCNSSCMC	421	>TP53-M246 YMCNSSCMC	8	413
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>TP53-M44I- MLSPDDIEQV	445	>TP53-M44I- ILSPDDIEQW	8256	7811
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>TP53-M44I- LMLSPDDI	314	>TP53-M44I- LILSPDDI	5343	5029
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>TP53-M44I- DDLMLSPDDI	436	>TP53-M44I- DDLILSPDDI	729	293
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>TP53-M44I- MDDLMLSPDC	520	>TP53-M44I- MDDLILSPDC	438	82
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>TP53-M44I- MDDLMLSPDC	107	>TP53-M44I- MDDLILSPDC	162	55
>TP53-M44I- AMDDLMLS	743	>TP53-M44I- AMDDLILS	432	311
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>TP53-M44I- AMDDLMLS	463	>TP53-M44I- AMDDLILS	310	153
>TP53-M44I- QAMDDLML	318	>TP53-M44I- QAMDDLIL	450	132
>TP53-M44I- QAMDDLML	386	>TP53-M44I- QAMDDLIL	1593	1207
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>TP53-M44I- SQAMDDLMI	593	>TP53-M44I- SQAMDDLIL	97	496
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>TP53-M44I- SQAMDDLMI	1528	>TP53-M44I- SQAMDDLIL	394	1134
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>TP53-M44T- MLSPDDIEQ	107	>TP53-M44T- TLSPDDIEQ	1128	1021
>TP53-M44T- MLSPDDIEQ	21	>TP53-M44T- TLSPDDIEQ	289	268
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>TP53-M44T- LMLSPDDIEQ	315	>TP53-M44T- LTLSPDDIEQ	23543	23228
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>TP53-M44T- LMLSPDDIEQ	130	>TP53-M44T- LTLSPDDIEQ	8	122
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>TP53-M44T- LMLSPDDIEQ	17	>TP53-M44T- LTLSPDDIEQ	12	5
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>TP53-M44T- SQAMDDLMI	155	>TP53-M44T- SQAMDDLTL	68	87
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>TP53-M44V LMLSPDDIEQ	315	>TP53-M44V LVLSPPDIEQ	13062	12747
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>TP53-M44V LMLSPDDIEQ	212	>TP53-M44V LVLSPPDIEQ	231	19
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>TP53-M44V DDLMLSPDDI	237	>TP53-M44V DDLVLSPPDI	175	62
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>TP53-M44V QAMDDLML	386	>TP53-M44V QAMDDLVL	1746	1360
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>TP53-M44V SQAMDDLML	3497	>TP53-M44V SQAMDDLVL	199	3298
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>TP53-M44V LPSQAMDDL	125	>TP53-M44V LPSQAMDDL'	1967	1842
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>TP53-M44V LPSQAMDDL	4556	>TP53-M44V LPSQAMDDL'	117	4439
>TP53-M44V LPSQAMDDL	273	>TP53-M44V LPSQAMDDL'	349	76
>TP53-M66I- MPEAAPRV	23	>TP53-M66I- IPEAAPRV	26	3
>TP53-M66I- MPEAAPRV	487	>TP53-M66I- IPEAAPRV	1200	713
>TP53-M66I- MPEAAPRVA	177	>TP53-M66I- IPEAAPRVA	542	365
>TP53-M66I- MPEAAPRVA	65	>TP53-M66I- IPEAAPRVAP,	134	69
>TP53-M66I- MPEAAPRVA	258	>TP53-M66I- IPEAAPRVA	2987	2729
>TP53-M66I- MPEAAPRVA	76	>TP53-M66I- IPEAAPRVAP,	918	842
>TP53-M66I- MPEAAPRV	496	>TP53-M66I- IPEAAPRV	947	451
>TP53-M66I- MPEAAPRV	83	>TP53-M66I- IPEAAPRV	1160	1077
>TP53-M66I- MPEAAPRVA	15	>TP53-M66I- IPEAAPRVA	117	102
>TP53-M66I- MPEAAPRVA	10	>TP53-M66I- IPEAAPRVAP,	41	31
>TP53-M66I- RMPEAAPRV	35	>TP53-M66I- RIPEAAPRV	408	373
>TP53-M66I- RMPEAAPRV	224	>TP53-M66I- RIPEAAPRV	2562	2338
>TP53-M66I- RMPEAAPRV	15	>TP53-M66I- RIPEAAPRV	133	118
>TP53-M66I- RMPEAAPRV	480	>TP53-M66I- RIPEAAPRVA	2126	1646
>TP53-M66I- RMPEAAPRV	12	>TP53-M66I- RIPEAAPRV	27	15
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>TP53-M66I- RMPEAAPRV	39	>TP53-M66I- RIPEAAPRVA	1568	1529
>TP53-M66I- RMPEAAPRV	17	>TP53-M66I- RIPEAAPRV	969	952
>TP53-M66I- RMPEAAPRV	5	>TP53-M66I- RIPEAAPRV	16	11
>TP53-M66I- RMPEAAPRV	356	>TP53-M66I- RIPEAAPRVA	5670	5314

>TP53-M66I- RMPEAAPRV	6	>TP53-M66I- RIPEAAPRV	130	124
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>TP53-M66I- RMPEAAPRV	318	>TP53-M66I- RIPEAAPRVA	4323	4005
>TP53-M66I- RMPEAAPR	53	>TP53-M66I- RIPEAAPR	254	201
>TP53-M66I- RMPEAAPRV	846	>TP53-M66I- RIPEAAPRV	458	388
>TP53-M66I- RMPEAAPRV	229	>TP53-M66I- RIPEAAPRV	429	200
>TP53-M66I- RMPEAAPR	26	>TP53-M66I- RIPEAAPR	37	11
>TP53-M66I- APRMPEAA	25	>TP53-M66I- APRRIPEAA	54	29
>TP53-M66I- APRMPEAAP	261	>TP53-M66I- APRRIPEAAP	940	679
>TP53-M66I- APRMPEAAP	38	>TP53-M66I- APRRIPEAAPR'	53	15
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>TP53-M66I- EAPRMPEAA	30	>TP53-M66I- EAPRIPEAAPI	18	12
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>TP53-M66I- EAPRMPEAA	215	>TP53-M66I- EAPRIPEAA	26	189
>TP53-M66I- DEAPRMPE	449	>TP53-M66I- DEAPRIPE	388	61
>TP53-M66I- DEAPRMPEA	493	>TP53-M66I- DEAPRIPEA	423	70
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>TP53-M66R MPEAAPRV	23	>TP53-M66R RPEAAPRV	66	43
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>TP53-M66R MPEAAPRVA	177	>TP53-M66R RPEAAPRVA	91	86
>TP53-M66R MPEAAPRVA	65	>TP53-M66R RPEAAPRVAF	32	33
>TP53-M66R MPEAAPRVA	258	>TP53-M66R RPEAAPRVA	6606	6348
>TP53-M66R MPEAAPRVA	76	>TP53-M66R RPEAAPRVAF	3169	3093
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>TP53-M66R MPEAAPRV	83	>TP53-M66R RPEAAPRV	12405	12322
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>TP53-M66R MPEAAPRVA	10	>TP53-M66R RPEAAPRVAF	1154	1144
>TP53-M66R RMPEAAPRV	35	>TP53-M66R RRPEAAPRV	19668	19633
>TP53-M66R RMPEAAPRV	224	>TP53-M66R RRPEAAPRV	26606	26382
>TP53-M66R RMPEAAPRV	15	>TP53-M66R RRPEAAPRV	18525	18510
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>TP53-M66R RMPEAAPRV	39	>TP53-M66R RRPEAAPRVA	22274	22235
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>TP53-M66R RMPEAAPRV	356	>TP53-M66R RRPEAAPRVA	24251	23895
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>TP53-M66R RMPEAAPRV	4	>TP53-M66R RRPEAAPRV	4948	4944
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>TP53-M66R DEAPRMPE	449	>TP53-M66R DEAPRRPE	604	155
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>TP53-N131F LNKMFCQLA	161	>TP53-N131F LHKMFCQLA	928	767
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>TP53-N131F ALNKMFCQL	238	>TP53-N131F ALHKMFCQL	331	93
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>TP53-N131F SPALNKMFCC	432	>TP53-N131F SPALHKMFCC	2398	1966
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>TP53-N131F YSPALNKMFM	384	>TP53-N131F YSPALHKMF	157	227
>TP53-N131F YSPALNKM	717	>TP53-N131F YSPALHKM	435	282
>TP53-N131F YSPALNKMFM	104	>TP53-N131F YSPALHKMF	91	13
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>TP53-N131F YSPALNKMFM	43	>TP53-N131F YSPALHKMF	29	14
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>TP53-N131F YSPALNKMFM	103	>TP53-N131F YSPALHKMF	78	25
>TP53-N131F TYSPALNKM	136	>TP53-N131F TYSPALHKM	543	407
>TP53-N131F TYSPALNK	220	>TP53-N131F TYSPALHK	372	152
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>TP53-N131F CTYSPALNKM	63	>TP53-N131F CTYSPALHKM	36	27
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>TP53-N131F CTYSPALNKM	246	>TP53-N131F CTYSPALHKM	611	365
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>TP53-N131F CTYSPALNKM	23	>TP53-N131F CTYSPALHKM	21	2
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>TP53-N131F CTYSPALNKM	5	>TP53-N131F CTYSPALHKM	4	1
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>TP53-N131F CTYSPALNKM	76	>TP53-N131F CTYSPALHKM	49	27
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>TP53-N131I LNKMFCQL	100	>TP53-N131I LIKMFCQL	97	3
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>TP53-N131I LNKMFCQLAI	161	>TP53-N131I LIKMFCQLAK	17	144
>TP53-N131I LNKMFCQLAI	2155	>TP53-N131I LIKMFCQLAK	134	2021
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>TP53-N131I ALNKMFCQL	238	>TP53-N131I ALIKMFCQL	61	177
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>TP53-N131I ALNKMFCQL	255	>TP53-N131I ALIKMFCQLA	281	26
>TP53-N131I ALNKMFCQL	198	>TP53-N131I ALIKMFCQL	74	124
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>TP53-N131I ALNKMFCQL	3	>TP53-N131I ALIKMFCQL	3	0
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>TP53-N131I ALNKMFCQL	37	>TP53-N131I ALIKMFCQLA	53	16
>TP53-N131I ALNKMFCQL	25	>TP53-N131I ALIKMFCQLA	26	1
>TP53-N131I ALNKMFCQL	113	>TP53-N131I ALIKMFCQLA	309	196
>TP53-N131I ALNKMFCQL	431	>TP53-N131I ALIKMFCQLA	1322	891
>TP53-N131I ALNKMFCQL	288	>TP53-N131I ALIKMFCQL	120	168

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>TP53-N131I SPALNKMFCQ	372	>TP53-N131I SPALIKMFCQ	323	49
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>TP53-N131I SPALNKMFC	677	>TP53-N131I SPALIKMFC	276	401
>TP53-N131I YSPALNKMFC	384	>TP53-N131I YSPALIKMFC	90	294
>TP53-N131I YSPALNKMFC	717	>TP53-N131I YSPALIKMFC	475	242
>TP53-N131I YSPALNKMFC	104	>TP53-N131I YSPALIKMFC	138	34
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>TP53-N131I YSPALNKMFC	43	>TP53-N131I YSPALIKMFC	25	18
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>TP53-N131I YSPALNKMFCQ	124	>TP53-N131I YSPALIKMFCQ	41	83
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>TP53-N131I YSPALNKMFC	103	>TP53-N131I YSPALIKMFC	184	81
>TP53-N131I TYSPALNKMFC	136	>TP53-N131I TYSPALIKMFC	2342	2206
>TP53-N131I TYSPALNKMFC	220	>TP53-N131I TYSPALIKMFC	298	78
>TP53-N131I TYSPALNKMFC	179	>TP53-N131I TYSPALIKMFC	102	77
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>TP53-N131I TYSPALNKMFC	27	>TP53-N131I TYSPALIKMFC	39	12
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>TP53-N131I TYSPALNKMFC	222	>TP53-N131I TYSPALIKMFC	233	11
>TP53-N131I TYSPALNKMFC	439	>TP53-N131I TYSPALIKMFC	450	11
>TP53-N131I CTYSPALNKMFC	30	>TP53-N131I CTYSPALIKMFC	38	8
>TP53-N131I CTYSPALNKMFC	11	>TP53-N131I CTYSPALIKMFC	12	1
>TP53-N131I CTYSPALNKMFC	343	>TP53-N131I CTYSPALIKMFC	204	139
>TP53-N131I CTYSPALNKMFC	63	>TP53-N131I CTYSPALIKMFC	96	33
>TP53-N131I CTYSPALNKMFC	380	>TP53-N131I CTYSPALIKMFC	140	240
>TP53-N131I CTYSPALNKMFC	246	>TP53-N131I CTYSPALIKMFC	531	285
>TP53-N131I CTYSPALNKMFC	215	>TP53-N131I CTYSPALIKMFC	280	65
>TP53-N131I CTYSPALNKMFC	30	>TP53-N131I CTYSPALIKMFC	38	8
>TP53-N131I CTYSPALNKMFC	11769	>TP53-N131I CTYSPALIKMFC	50	11719
>TP53-N131I CTYSPALNKMFC	15081	>TP53-N131I CTYSPALIKMFC	225	14856
>TP53-N131I CTYSPALNKMFC	488	>TP53-N131I CTYSPALIKMFC	439	49
>TP53-N131I CTYSPALNKMFC	23	>TP53-N131I CTYSPALIKMFC	27	4
>TP53-N131I CTYSPALNKMFC	6176	>TP53-N131I CTYSPALIKMFC	79	6097
>TP53-N131I CTYSPALNKMFC	24	>TP53-N131I CTYSPALIKMFC	16	8
>TP53-N131I CTYSPALNKMFC	5	>TP53-N131I CTYSPALIKMFC	5	0
>TP53-N131I CTYSPALNKMFC	16669	>TP53-N131I CTYSPALIKMFC	476	16193

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>TP53-N131I CTYSPALNKM	76	>TP53-N131I CTYSPALIKMI	60	16
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>TP53-N131I CTYSPALNKM	13	>TP53-N131I CTYSPALIKMI	13	0
>TP53-N131I CTYSPALN	8562	>TP53-N131I CTYSPALI	5	8557
>TP53-N131I CTYSPALNKM	358	>TP53-N131I CTYSPALIKMI	275	83
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>TP53-N131I VTCTYSPALN	26312	>TP53-N131I VTCTYSPALI	457	25855
>TP53-N131I VTCTYSPALN	80	>TP53-N131I VTCTYSPALIK	148	68
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>TP53-N131I VTCTYSPALN	146	>TP53-N131I VTCTYSPALIK	176	30
>TP53-N131I VTCTYSPALN	490	>TP53-N131I VTCTYSPALIK	616	126
>TP53-N131I VTCTYSPALN	6827	>TP53-N131I VTCTYSPALI	36	6791
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>TP53-N131I VTCTYSPALN	7897	>TP53-N131I VTCTYSPALI	206	7691
>TP53-N131I VTCTYSPALN	22811	>TP53-N131I VTCTYSPALI	21	22790
>TP53-N131I NKMFQQLAK	13147	>TP53-N131I KKMFCQLAK	400	12747
>TP53-N131I NKMFQQLA	3092	>TP53-N131I KKMFCQLA	313	2779
>TP53-N131I NKMFQQLAK	646	>TP53-N131I KKMFCQLAK	67	579
>TP53-N131I LNKMFQQL	100	>TP53-N131I LKKMFQQL	1823	1723
>TP53-N131I LNKMFQQLA	161	>TP53-N131I LKKMFQQLA	508	347
>TP53-N131I LNKMFQQL	153	>TP53-N131I LKKMFQQL	303	150
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>TP53-N131I LNKMFQQLA	4728	>TP53-N131I LKKMFQQLA	120	4608
>TP53-N131I SVTCTYSPALI	18431	>TP53-N131I SVTCTYSPALI	212	18219
>TP53-N131I SVTCTYSPALI	12324	>TP53-N131I SVTCTYSPALI	16	12308
>TP53-N131I SVTCTYSPALI	8128	>TP53-N131I SVTCTYSPALI	20	8108
>TP53-N131I SVTCTYSPALI	6263	>TP53-N131I SVTCTYSPALI	23	6240
>TP53-N131I ALNKMFQQL	238	>TP53-N131I ALKKMFQQL	2890	2652
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>TP53-N131I ALNKMFQQL	255	>TP53-N131I ALKKMFQQL	4344	4089
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>TP53-N131I ALNKMFQQL	256	>TP53-N131I ALKKMFQQL	5470	5214
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>TP53-N131I ALNKMFQQL	245	>TP53-N131I ALKKMFQQL	968	723

>TP53-N131†ALNKMFCQL	3	>TP53-N131†ALKKMFCQL	4	1
>TP53-N131†ALNKMFCQL	11	>TP53-N131†ALKKMFCQL/	26	15
>TP53-N131†ALNKMFCQL	37	>TP53-N131†ALKKMFCQL/	52	15
>TP53-N131†ALNKMFCQL	25	>TP53-N131†ALKKMFCQL/	135	110
>TP53-N131†ALNKMFCQL	6046	>TP53-N131†ALKKMFCQL	430	5616
>TP53-N131†ALNKMFCQL	3345	>TP53-N131†ALKKMFCQL/	165	3180
>TP53-N131†ALNKMFCQL	113	>TP53-N131†ALKKMFCQL/	9	104
>TP53-N131†ALNKMFCQL	431	>TP53-N131†ALKKMFCQL/	309	122
>TP53-N131†ALNKMFCQL	288	>TP53-N131†ALKKMFCQL	19	269
>TP53-N131†ALNKMFCQL	416	>TP53-N131†ALKKMFCQL	225	191
>TP53-N131†SPALNKMFC	432	>TP53-N131†SPALKKMFC	2149	1717
>TP53-N131†SPALNKMFC	100	>TP53-N131†SPALKKMF	82	18
>TP53-N131†SPALNKMFC	41	>TP53-N131†SPALKKMFC	37	4
>TP53-N131†SPALNKMFC	372	>TP53-N131†SPALKKMFC	59	313
>TP53-N131†SPALNKMFC	326	>TP53-N131†SPALKKMF	1227	901
>TP53-N131†SPALNKMFC	450	>TP53-N131†SPALKKMF	310	140
>TP53-N131†YSPALNKMFC	384	>TP53-N131†YSPALKKMF	699	315
>TP53-N131†YSPALNKMFC	104	>TP53-N131†YSPALKKMF	378	274
>TP53-N131†YSPALNKM	586	>TP53-N131†YSPALKKM	294	292
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>TP53-N131†YSPALNKMFC	22	>TP53-N131†YSPALKKMFC	58	36
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>TP53-N131†YSPALNKMFC	103	>TP53-N131†YSPALKKMF	164	61
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>TP53-N131†CTYSPALN	10709	>TP53-N131†CTYSPALK	34	10675
>TP53-N131†CTYSPALNK	30	>TP53-N131†CTYSPALKK	31	1
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>TP53-N131†CTYSPALNKM	246	>TP53-N131†CTYSPALKKM	1473	1227
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>TP53-N131†CTYSPALNK	215	>TP53-N131†CTYSPALKK	474	259
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>TP53-N131†CTYSPALN	2355	>TP53-N131†CTYSPALK	10	2345
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>TP53-N131†CTYSPALNKM	24	>TP53-N131†CTYSPALKKM	13	11
>TP53-N131†CTYSPALNKM	5	>TP53-N131†CTYSPALKKM	6	1
>TP53-N131†CTYSPALNKM	76	>TP53-N131†CTYSPALKKM	187	111
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>TP53-N131†CTYSPALNKM	13	>TP53-N131†CTYSPALKKM	13	0
>TP53-N131†CTYSPALNKM	358	>TP53-N131†CTYSPALKKM	422	64
>TP53-N131†TCTYSPALNKI	453	>TP53-N131†TCTYSPALKKI	829	376
>TP53-N131†VTCTYSPALN	22206	>TP53-N131†VTCTYSPALK	48	22158
>TP53-N131†VTCTYSPALN	80	>TP53-N131†VTCTYSPALKI	89	9
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>TP53-N131†VTCTYSPALN	146	>TP53-N131†VTCTYSPALKI	263	117
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>TP53-N131‡LNKMFCQL	100	>TP53-N131‡LSKMFCQL	38	62
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>TP53-N131‡LNKMFCQLAI	8328	>TP53-N131‡LSKMFCQLAK	34	8294
>TP53-N131‡LNKMFCQL	7014	>TP53-N131‡LSKMFCQL	448	6566
>TP53-N131‡LNKMFCQLA	3711	>TP53-N131‡LSKMFCQLA	143	3568
>TP53-N131‡LNKMFCQLAI	161	>TP53-N131‡LSKMFCQLAK	9	152
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>TP53-N131‡LNKMFCQL	153	>TP53-N131‡LSKMFCQL	209	56
>TP53-N131‡LNKMFCQL	1911	>TP53-N131‡LSKMFCQL	498	1413
>TP53-N131‡LNKMFCQL	19530	>TP53-N131‡LSKMFCQL	29	19501
>TP53-N131‡LNKMFCQL	21001	>TP53-N131‡LSKMFCQL	410	20591
>TP53-N131‡ALNKMFCQL	238	>TP53-N131‡ALSKMFCQL	151	87
>TP53-N131‡ALNKMFCQL	17	>TP53-N131‡ALSKMFCQL	10	7
>TP53-N131‡ALNKMFCQL	1394	>TP53-N131‡ALSKMFCQLA	495	899
>TP53-N131‡ALNKMFCQL	30	>TP53-N131‡ALSKMFCQL	44	14
>TP53-N131‡ALNKMFCQL	442	>TP53-N131‡ALSKMFCQLA	216	226
>TP53-N131‡ALNKMFCQL	297	>TP53-N131‡ALSKMFCQL	164	133
>TP53-N131‡ALNKMFCQL	22	>TP53-N131‡ALSKMFCQL	47	25
>TP53-N131‡ALNKMFCQL	255	>TP53-N131‡ALSKMFCQLA	582	327

>TP53-N131!ALNKMFCQL	198	>TP53-N131!ALSKMFCQL	264	66
>TP53-N131!ALNKMFCQL	21	>TP53-N131!ALSKMFCQL	22	1
>TP53-N131!ALNKMFCQL	256	>TP53-N131!ALSKMFCQL/	295	39
>TP53-N131!ALNKMFCQL	66	>TP53-N131!ALSKMFCQL	67	1
>TP53-N131!ALNKMFCQ	245	>TP53-N131!ALSKMFCQ	215	30
>TP53-N131!ALNKMFCQL	3	>TP53-N131!ALSKMFCQL	2	1
>TP53-N131!ALNKMFCQL	11	>TP53-N131!ALSKMFCQL/	10	1
>TP53-N131!ALNKMFCQL	37	>TP53-N131!ALSKMFCQL/	39	2
>TP53-N131!ALNKMFCQL	25	>TP53-N131!ALSKMFCQL/	25	0
>TP53-N131!ALNKMFCQL	113	>TP53-N131!ALSKMFCQL/	237	124
>TP53-N131!ALNKMFCQL	431	>TP53-N131!ALSKMFCQL/	1864	1433
>TP53-N131!ALNKMFCQL	288	>TP53-N131!ALSKMFCQL	145	143
>TP53-N131!ALNKMFCQL	416	>TP53-N131!ALSKMFCQL	451	35
>TP53-N131!ALNKMFCQL	1052	>TP53-N131!ALSKMFCQL/	403	649
>TP53-N131!SPALNKMFCQ	432	>TP53-N131!SPALSKMFCC	450	18
>TP53-N131!SPALNKMFC	100	>TP53-N131!SPALSKMF	72	28
>TP53-N131!SPALNKMFCQ	41	>TP53-N131!SPALSKMFCC	36	5
>TP53-N131!SPALNKMFCQ	372	>TP53-N131!SPALSKMFCC	403	31
>TP53-N131!SPALNKMFC	326	>TP53-N131!SPALSKMF	225	101
>TP53-N131!SPALNKMFC	450	>TP53-N131!SPALSKMF	108	342
>TP53-N131!YSPALNKMFC	384	>TP53-N131!YSPALSKMF	182	202
>TP53-N131!YSPALNKMFC	1020	>TP53-N131!YSPALSKMF	306	714
>TP53-N131!YSPALNKMFC	104	>TP53-N131!YSPALSKMF	86	18
>TP53-N131!YSPALNKMFC	586	>TP53-N131!YSPALSKM	76	510
>TP53-N131!YSPALNKMFC	43	>TP53-N131!YSPALSKMF	16	27
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>TP53-N131!YSPALNKMFC	3	>TP53-N131!YSPALSKMF	2	1
>TP53-N131!YSPALNKMFCQ	22	>TP53-N131!YSPALSKMFCC	13	9
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>TP53-N131!YSPALNKMFC	67	>TP53-N131!YSPALSKM	274	207
>TP53-N131!YSPALNKMFC	103	>TP53-N131!YSPALSKMF	83	20
>TP53-N131!YSPALNKMFC	136	>TP53-N131!YSPALSKM	31	105
>TP53-N131!YSPALNKMFC	220	>TP53-N131!YSPALSK	246	26
>TP53-N131!YSPALNKMFC	179	>TP53-N131!YSPALSKMF	136	43
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>TP53-N131!YSPALNKMFC	27	>TP53-N131!YSPALSKM	41	14
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>TP53-N131!YSPALNKMFC	222	>TP53-N131!YSPALSK	159	63
>TP53-N131!YSPALNKMFC	4265	>TP53-N131!YSPALSKM	384	3881
>TP53-N131!YSPALNKMFC	439	>TP53-N131!YSPALSKMF	416	23
>TP53-N131!YSPALNKMFC	30	>TP53-N131!YSPALSK	31	1
>TP53-N131!YSPALNKMFC	11	>TP53-N131!YSPALSK	12	1
>TP53-N131!YSPALNKMFC	343	>TP53-N131!YSPALSKM	234	109

>TP53-N131 <sup>!</sup> CTYSPALNKM	63	>TP53-N131 <sup>!</sup> CTYSPALSKM	51	12
>TP53-N131 <sup>!</sup> CTYSPALNKM	380	>TP53-N131 <sup>!</sup> CTYSPALSKM	543	163
>TP53-N131 <sup>!</sup> CTYSPALNKM	246	>TP53-N131 <sup>!</sup> CTYSPALSKM	521	275
>TP53-N131 <sup>!</sup> CTYSPALNK	215	>TP53-N131 <sup>!</sup> CTYSPALSK	134	81
>TP53-N131 <sup>!</sup> CTYSPALNK	30	>TP53-N131 <sup>!</sup> CTYSPALSK	31	1
>TP53-N131 <sup>!</sup> CTYSPALNKM	488	>TP53-N131 <sup>!</sup> CTYSPALSKM	549	61
>TP53-N131 <sup>!</sup> CTYSPALNKM	610	>TP53-N131 <sup>!</sup> CTYSPALSKM	302	308
>TP53-N131 <sup>!</sup> CTYSPALNKM	23	>TP53-N131 <sup>!</sup> CTYSPALSKM	19	4
>TP53-N131 <sup>!</sup> CTYSPALNKM	24	>TP53-N131 <sup>!</sup> CTYSPALSKM	9	15
>TP53-N131 <sup>!</sup> CTYSPALNKM	5	>TP53-N131 <sup>!</sup> CTYSPALSKM	4	1
>TP53-N131 <sup>!</sup> CTYSPALNKM	627	>TP53-N131 <sup>!</sup> CTYSPALSKM	424	203
>TP53-N131 <sup>!</sup> CTYSPALNKM	76	>TP53-N131 <sup>!</sup> CTYSPALSKM	100	24
>TP53-N131 <sup>!</sup> CTYSPALNKM	146	>TP53-N131 <sup>!</sup> CTYSPALSKM	106	40
>TP53-N131 <sup>!</sup> CTYSPALNKM	30	>TP53-N131 <sup>!</sup> CTYSPALSKM	26	4
>TP53-N131 <sup>!</sup> CTYSPALNKM	13	>TP53-N131 <sup>!</sup> CTYSPALSKM	11	2
>TP53-N131 <sup>!</sup> CTYSPALNKM	358	>TP53-N131 <sup>!</sup> CTYSPALSKM	213	145
>TP53-N131 <sup>!</sup> TCTYSPALNK	453	>TP53-N131 <sup>!</sup> TCTYSPALSKM	77	376
>TP53-N131 <sup>!</sup> VTCTYSPALN	80	>TP53-N131 <sup>!</sup> VTCTYSPALSKM	89	9
>TP53-N131 <sup>!</sup> VTCTYSPALN	14	>TP53-N131 <sup>!</sup> VTCTYSPALSKM	13	1
>TP53-N131 <sup>!</sup> VTCTYSPALN	146	>TP53-N131 <sup>!</sup> VTCTYSPALSKM	97	49
>TP53-N131 <sup>!</sup> VTCTYSPALN	490	>TP53-N131 <sup>!</sup> VTCTYSPALSKM	485	5
>TP53-N131 <sup>!</sup> NKMFCQLAK	646	>TP53-N131 <sup>!</sup> TKMFCQLAK	472	174
>TP53-N131 <sup>!</sup> LNKMFCQL	100	>TP53-N131 <sup>!</sup> LTKMFCQL	108	8
>TP53-N131 <sup>!</sup> LNKMFCQLA	5768	>TP53-N131 <sup>!</sup> LTKMFCQLAK	54	5714
>TP53-N131 <sup>!</sup> LNKMFCQLA	8328	>TP53-N131 <sup>!</sup> LTKMFCQLAK	20	8308
>TP53-N131 <sup>!</sup> LNKMFCQL	7014	>TP53-N131 <sup>!</sup> LTKMFCQL	201	6813
>TP53-N131 <sup>!</sup> LNKMFCQLA	3711	>TP53-N131 <sup>!</sup> LTKMFCQLA	70	3641
>TP53-N131 <sup>!</sup> LNKMFCQLA	161	>TP53-N131 <sup>!</sup> LTKMFCQLAK	7	154
>TP53-N131 <sup>!</sup> LNKMFCQLA	2155	>TP53-N131 <sup>!</sup> LTKMFCQLAK	136	2019
>TP53-N131 <sup>!</sup> LNKMFCQLA	13781	>TP53-N131 <sup>!</sup> LTKMFCQLAK	321	13460
>TP53-N131 <sup>!</sup> LNKMFCQL	153	>TP53-N131 <sup>!</sup> LTKMFCQL	245	92
>TP53-N131 <sup>!</sup> LNKMFCQL	19530	>TP53-N131 <sup>!</sup> LTKMFCQL	21	19509
>TP53-N131 <sup>!</sup> LNKMFCQL	21001	>TP53-N131 <sup>!</sup> LTKMFCQL	156	20845
>TP53-N131 <sup>!</sup> LNKMFCQLA	9958	>TP53-N131 <sup>!</sup> LTKMFCQLA	321	9637
>TP53-N131 <sup>!</sup> ALNKMFCQL	238	>TP53-N131 <sup>!</sup> ALTKMFCQL	346	108
>TP53-N131 <sup>!</sup> ALNKMFCQL	17	>TP53-N131 <sup>!</sup> ALTKMFCQL	44	27
>TP53-N131 <sup>!</sup> ALNKMFCQL	30	>TP53-N131 <sup>!</sup> ALTKMFCQL	222	192
>TP53-N131 <sup>!</sup> ALNKMFCQL	442	>TP53-N131 <sup>!</sup> ALTKMFCQL	448	6
>TP53-N131 <sup>!</sup> ALNKMFCQL	297	>TP53-N131 <sup>!</sup> ALTKMFCQL	179	118
>TP53-N131 <sup>!</sup> ALNKMFCQL	22	>TP53-N131 <sup>!</sup> ALTKMFCQL	70	48
>TP53-N131 <sup>!</sup> ALNKMFCQL	255	>TP53-N131 <sup>!</sup> ALTKMFCQL	790	535
>TP53-N131 <sup>!</sup> ALNKMFCQL	198	>TP53-N131 <sup>!</sup> ALTKMFCQL	398	200
>TP53-N131 <sup>!</sup> ALNKMFCQL	21	>TP53-N131 <sup>!</sup> ALTKMFCQL	19	2

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>TP53-N200I HLIRVEGNL	226	>TP53-N200I HLIRVEGDL	1375	1149
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>TP53-N200I HLIRVEGNLR'	41	>TP53-N200I HLIRVEGDLR'	82	41
>TP53-N200I HLIRVEGNLR'	322	>TP53-N200I HLIRVEGDLR'	431	109
>TP53-N200I HLIRVEGNL	327	>TP53-N200I HLIRVEGDL	1649	1322
>TP53-N200I HLIRVEGNLR'	9	>TP53-N200I HLIRVEGDLR'	16	7
>TP53-N200I HLIRVEGNLR'	27	>TP53-N200I HLIRVEGDLR'	33	6
>TP53-N200I HLIRVEGNLR'	27	>TP53-N200I HLIRVEGDLR'	27	0
>TP53-N200I HLIRVEGNL	153	>TP53-N200I HLIRVEGDL	287	134
>TP53-N200I HLIRVEGNLR'	4	>TP53-N200I HLIRVEGDLR'	5	1
>TP53-N200I HLIRVEGNLR	241	>TP53-N200I HLIRVEGDLR	1015	774
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>TP53-N200I HLIRVEGNLR'	398	>TP53-N200I HLIRVEGDLR'	689	291
>TP53-N200I HLIRVEGNLR	478	>TP53-N200I HLIRVEGDLR	756	278
>TP53-N200I GNLRVEYL	19916	>TP53-N200I GILRVEYL	350	19566
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>TP53-N200I GNLRVEYL	7164	>TP53-N200I GILRVEYL	16	7148
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>TP53-N200I GNLRVEYL	13279	>TP53-N200I GILRVEYL	48	13231
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>TP53-N200I VEGNLRVEY	67	>TP53-N200I VEGILRVEY	57	10
>TP53-N200I VEGNLRVEYL	472	>TP53-N200I VEGILRVEYL	467	5
>TP53-N200I VEGNLRVEY	338	>TP53-N200I VEGILRVEY	593	255
>TP53-N200I VEGNLRVEYL	278	>TP53-N200I VEGILRVEYL	306	28
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>TP53-N200I RVEGNLRV	604	>TP53-N200I RVEGILRV	262	342
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>TP53-N200I IRVEGNLRV	1782	>TP53-N200I IRVEGILRV	354	1428
>TP53-N200I LIRVEGNLRV	555	>TP53-N200I LIRVEGILRV	179	376
>TP53-N200I LIRVEGNLRV	1834	>TP53-N200I LIRVEGILRV	462	1372
>TP53-N200I LIRVEGNLRV	35	>TP53-N200I LIRVEGILRV	16	19
>TP53-N200I LIRVEGNLR	1087	>TP53-N200I LIRVEGILR	435	652
>TP53-N200I LIRVEGNLRV	296	>TP53-N200I LIRVEGILRV	260	36
>TP53-N200I LIRVEGNLR	570	>TP53-N200I LIRVEGILR	415	155
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>TP53-N200I HLIRVEGN	7893	>TP53-N200I HLIRVEGI	85	7808
>TP53-N200I HLIRVEGNL	226	>TP53-N200I HLIRVEGIL	917	691
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>TP53-N200I HLIRVEGNLR'	322	>TP53-N200I HLIRVEGILRV	188	134
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>TP53-N200I HLIRVEGNLR	381	>TP53-N200I HLIRVEGILR	146	235
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>TP53-N200ϑ VEGNLRVEY	338	>TP53-N200ϑ VEGSLRVEY	321	17
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>TP53-N200ϑ RVEGNLRV	732	>TP53-N200ϑ RVEGSLRV	425	307
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>TP53-N200\$IRVEGNLRVE\	53	>TP53-N200\$IRVEGSLRVE\	43	10
>TP53-N200\$LIRVEGNLRV	555	>TP53-N200\$LIRVEGSLRV	337	218
>TP53-N200\$LIRVEGNLRV	35	>TP53-N200\$LIRVEGSLRV	23	12
>TP53-N200\$LIRVEGNLRV	296	>TP53-N200\$LIRVEGSLRV	238	58
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>TP53-N200\$HLIRVEGNLR\	156	>TP53-N200\$HLIRVEGSLR\	138	18
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>TP53-N2001LIRVEGNLRV	296	>TP53-N2001LIRVEGTLRV	400	104
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>TP53-N2001HLIRVEGNLR'	156	>TP53-N2001HLIRVEGTLR\	122	34
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>TP53-N2001HLIRVEGNL	381	>TP53-N2001HLIRVEGTLR	331	50
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>TP53-N210I EYLDDRNTF	103	>TP53-N210I EYLDDRDTF	166	63
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>TP53-N210I EYLDDRNTF	381	>TP53-N210I EYLDDRDTF	1335	954
>TP53-N210I EYLDDRNTF	301	>TP53-N210I EYLDDRDTF	277	24
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>TP53-N210I VEYLDDRNTF	594	>TP53-N210I VEYLDDRDTF	450	144
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>TP53-N210I NTFRHSVV	382	>TP53-N210I HTFRHSVV	358	24
>TP53-N210I NTFRHSVV	309	>TP53-N210I HTFRHSVV	176	133
>TP53-N210I NTFRHSVVV	265	>TP53-N210I HTFRHSVVV	148	117
>TP53-N210I NTFRHSVV	1246	>TP53-N210I HTFRHSVV	276	970
>TP53-N210I NTFRHSVVV	1108	>TP53-N210I HTFRHSVVV	254	854
>TP53-N210I NTFRHSVVVF	647	>TP53-N210I HTFRHSVVVF	72	575
>TP53-N210I NTFRHSVVVF	128	>TP53-N210I HTFRHSVVVF	56	72
>TP53-N210I NTFRHSVVVF	845	>TP53-N210I HTFRHSVVVF	98	747
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>TP53-N210f NTFRHSVVVF	123	>TP53-N210f HTFRHSVVVF	54	69
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>TP53-N210f NTFRHSVVVF	82	>TP53-N210f HTFRHSVVVF	46	36
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>TP53-N210f NTFRHSVVVF	34	>TP53-N210f HTFRHSVVVF	26	8
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>TP53-N210f NTFRHSVV	1520	>TP53-N210f HTFRHSVV	321	1199
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>TP53-N210f NTFRHSVVVF	33	>TP53-N210f HTFRHSVVVF	10	23
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>TP53-N210f NTFRHSVVVF	3862	>TP53-N210f HTFRHSVVVF	209	3653
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>TP53-N210f NTFRHSVVV	1558	>TP53-N210f HTFRHSVVV	439	1119
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>TP53-N210f YLDDRNTF	149	>TP53-N210f YLDDRHTF	35	114
>TP53-N210f YLDDRNTFRf	155	>TP53-N210f YLDDRHTFRf	127	28
>TP53-N210f YLDDRNTF	367	>TP53-N210f YLDDRHTF	208	159
>TP53-N210f YLDDRNTF	87	>TP53-N210f YLDDRHTF	19	68
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>TP53-N210f YLDDRNTFRf	187	>TP53-N210f YLDDRHTFRf	183	4
>TP53-N210f YLDDRNTFRf	171	>TP53-N210f YLDDRHTFRf	152	19
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>TP53-N210f YLDDRNTFR	68	>TP53-N210f YLDDRHTFR	59	9
>TP53-N210f YLDDRNTF	255	>TP53-N210f YLDDRHTF	265	10
>TP53-N210f YLDDRNTFR	336	>TP53-N210f YLDDRHTFR	300	36
>TP53-N210f EYLDDRNTF	103	>TP53-N210f EYLDDRHTF	26	77
>TP53-N210f EYLDDRNTF	667	>TP53-N210f EYLDDRHTF	379	288
>TP53-N210f EYLDDRNTF	18	>TP53-N210f EYLDDRHTF	13	5
>TP53-N210f EYLDDRNTF	381	>TP53-N210f EYLDDRHTF	490	109
>TP53-N210f EYLDDRNTF	301	>TP53-N210f EYLDDRHTF	200	101
>TP53-N210f EYLDDRNTFR	328	>TP53-N210f EYLDDRHTFR	139	189
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>TP53-N210f EYLDDRNTFR	19	>TP53-N210f EYLDDRHTFR	16	3
>TP53-N210f VEYLDDRNTF	622	>TP53-N210f VEYLDDRHTF	493	129
>TP53-N210f VEYLDDRNTF	124	>TP53-N210f VEYLDDRHTF	161	37
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>TP53-N210f VEYLDDRNTF	524	>TP53-N210f VEYLDDRHTF	499	25
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>TP53-N210f NTFRHSVVV	872	>TP53-N210f KTFRHSVVV	334	538
>TP53-N210f NTFRHSVV	382	>TP53-N210f KTFRHSVV	137	245
>TP53-N210f NTFRHSVVV	581	>TP53-N210f KTFRHSVVV	198	383
>TP53-N210f NTFRHSVV	1308	>TP53-N210f KTFRHSVV	229	1079
>TP53-N210f NTFRHSVVV	680	>TP53-N210f KTFRHSVVV	102	578
>TP53-N210f NTFRHSVV	309	>TP53-N210f KTFRHSVV	35	274
>TP53-N210f NTFRHSVVV	265	>TP53-N210f KTFRHSVVV	31	234
>TP53-N210f NTFRHSVVV	1835	>TP53-N210f KTFRHSVVV	299	1536
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>TP53-N210f NTFRHSVVVF	97	>TP53-N210f KTFRHSVVVP	6381	6284
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>TP53-N210fNTFRHSVVVF	766	>TP53-N210fKTFRHSVVVP	143	623
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>TP53-N210fNTFRHSVVVF	33	>TP53-N210fKTFRHSVVVP	6	27
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>TP53-N210†YLDDRNTFR	68	>TP53-N210†YLDDRKTFR	114	46
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>TP53-N210†YLDDRNTFR	336	>TP53-N210†YLDDRKTFR	383	47
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>TP53-N210†EYLDDRNTF	18	>TP53-N210†EYLDDRKTF	30	12
>TP53-N210†EYLDDRNTF	381	>TP53-N210†EYLDDRKTF	1581	1200
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>TP53-N210ϵNTFRHSVVV	23	>TP53-N210ϵSTFRHSVVV	5	18
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>TP53-N210ϵNTFRHSVV	2753	>TP53-N210ϵSTFRHSVV	230	2523
>TP53-N210ϵNTFRHSVVV	289	>TP53-N210ϵSTFRHSVVV	31	258
>TP53-N210ϵNTFRHSVVV	23	>TP53-N210ϵSTFRHSVVV	28	5
>TP53-N210ϵNTFRHSVVV	1476	>TP53-N210ϵSTFRHSVVV	142	1334
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>TP53-N210ϵRNTFRHSV	642	>TP53-N210ϵRSTFRHSV	25	617
>TP53-N210ϵLDDRNTFRH	482	>TP53-N210ϵLDDRSTFRH	379	103
>TP53-N210ϵYLDDRNTF	187	>TP53-N210ϵYLDDRSTF	190	3
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>TP53-N210ϵYLDDRNTFRH	155	>TP53-N210ϵYLDDRSTFRH	120	35
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>TP53-N210ϵYLDDRNTFR	68	>TP53-N210ϵYLDDRSTFR	79	11
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>TP53-N210ϵYLDDRNTF	1811	>TP53-N210ϵYLDDRSTF	356	1455
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>TP53-N210ϵEYLDDRNTF	103	>TP53-N210ϵEYLDDRSTF	136	33
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>TP53-N210ϵEYLDDRNTF	381	>TP53-N210ϵEYLDDRSTF	426	45
>TP53-N210ϵEYLDDRNTF	301	>TP53-N210ϵEYLDDRSTF	190	111
>TP53-N210ϵEYLDDRNTFR	328	>TP53-N210ϵEYLDDRSTFR	343	15
>TP53-N210ϵEYLDDRNTFR	88	>TP53-N210ϵEYLDDRSTFR	61	27
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>TP53-N210ϵVEYLDDRNTF	124	>TP53-N210ϵVEYLDDRSTF	65	59
>TP53-N210ϵVEYLDDRNTF	594	>TP53-N210ϵVEYLDDRSTF	283	311
>TP53-N210ϵVEYLDDRNTF	870	>TP53-N210ϵVEYLDDRSTF	425	445
>TP53-N210ϵRVEYLDDRNT	40	>TP53-N210ϵRVEYLDDRST	63	23
>TP53-N210ϵRVEYLDDRNT	1271	>TP53-N210ϵRVEYLDDRST	298	973
>TP53-N210ϵRVEYLDDRNT	78	>TP53-N210ϵRVEYLDDRST	20	58
>TP53-N210⌈NTFRHSVV	2267	>TP53-N210⌈TFRHSVV	144	2123
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>TP53-N210⌈NTFRHSVVVF	562	>TP53-N210⌈TFRHSVVVP	464	98
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>TP53-N210⌈NTFRHSVVV	581	>TP53-N210⌈TFRHSVVV	427	154
>TP53-N210⌈NTFRHSVV	309	>TP53-N210⌈TFRHSVV	191	118
>TP53-N210⌈NTFRHSVVV	265	>TP53-N210⌈TFRHSVVV	161	104
>TP53-N210⌈NTFRHSVV	1246	>TP53-N210⌈TFRHSVV	386	860
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>TP53-N210⌈NTFRHSVVVF	128	>TP53-N210⌈TFRHSVVVP	17	111
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>TP53-N210⌈NTFRHSVVVF	123	>TP53-N210⌈TFRHSVVVP	47	76
>TP53-N210⌈NTFRHSVVVF	82	>TP53-N210⌈TFRHSVVVP	36	46
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>TP53-N210⌈NTFRHSVVV	412	>TP53-N210⌈TFRHSVVV	98	314
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>TP53-N210⌈NTFRHSVVVF	34	>TP53-N210⌈TFRHSVVVP	23	11
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>TP53-N210⌈NTFRHSVV	50	>TP53-N210⌈TFRHSVV	70	20
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>TP53-N235IYNYMCNSSCI	6071	>TP53-N235IYMYMCNSSC	296	5775
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>TP53-N235IVGSDCTTIHY	19599	>TP53-N235IVGSDCTTIHYI	484	19115
>TP53-N235IHNYMCNSS	919	>TP53-N235IHYMYMCNSS	472	447
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>TP53-N235ITTIHYNM	46	>TP53-N235ITTIHYMYM	34	12
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>TP53-N235ITTIHYNMCM	120	>TP53-N235ITTIHYMYMC	58	62
>TP53-N235ITTIHYNMCM	102	>TP53-N235ITTIHYMYMCI	82	20
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>TP53-N235I CTTIHNY	50	>TP53-N235I CTTIHMY	41	9
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>TP53-N235I CTTIHNY	68	>TP53-N235I CTTIHMY	48	20
>TP53-N235I CTTIHYNM	405	>TP53-N235I CTTIHMYM	496	91
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>TP53-N235I NYMCNSSC	2346	>TP53-N235I SYMCNSSC	263	2083
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>TP53-N235I YNYMCNSSC	21515	>TP53-N235I YSYMCNSSC	447	21068
>TP53-N235I YNYMCNSSCI	5831	>TP53-N235I YSYMCNSSCI	6	5825
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>TP53-N235I YNYMCNSSC	1209	>TP53-N235I YSYMCNSSC	56	1153
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>TP53-N235€GSDCTTIHYN	34	>TP53-N235€GSDCTTIHYS\	25	9
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>TP53-N2351YNYMCNSSCI	5831	>TP53-N2351YTYMCNSSCI	5	5826
>TP53-N2351YNYMCNSSCI	20408	>TP53-N2351YTYMCNSSCI	271	20137
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>TP53-N2351YNYMCNSSC	1209	>TP53-N2351YTYMCNSSC	22	1187
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>TP53-N2351CTTIHNY	355	>TP53-N2351CTTIHITY	695	340
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>TP53-N2351CTTIHNYM	1487	>TP53-N2351CTTIHITYM	203	1284
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>TP53-N2351CTTIHNY	68	>TP53-N2351CTTIHITY	52	16
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>TP53-N2351GSDCTTIHYN	34	>TP53-N2351GSDCTTIHYT	19	15
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>TP53-N235\NYMCNSSCN	53	>TP53-N235\YYMCNSSCM	46	7
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>TP53-N235\YNYMCNSSCI	21161	>TP53-N235\YYMCNSSCI	216	20945
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>TP53-N235\YNYMCNSSCI	429	>TP53-N235\YYMCNSSCI	2728	2299
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>TP53-N235\TTIHYNM	135	>TP53-N235\TTIHYYM	450	315
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>TP53-N235\TTIHYNM	17	>TP53-N235\TTIHYYM	10	7
>TP53-N235\TTIHYNMCM	120	>TP53-N235\TTIHYYMCM	95	25
>TP53-N235\TTIHYNMCM	102	>TP53-N235\TTIHYYMCM	74	28
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>TP53-N235\CTTIHYNM	207	>TP53-N235\CTTIHYYYM	220	13
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>TP53-N235\CTTIHYN	130	>TP53-N235\CTTIHYYY	41	89
>TP53-N235\CTTIHYN	767	>TP53-N235\CTTIHYYY	194	573
>TP53-N235\CTTIHYNM	1337	>TP53-N235\CTTIHYYYM	292	1045
>TP53-N235\CTTIHYN	355	>TP53-N235\CTTIHYYY	228	127
>TP53-N235\CTTIHYN	50	>TP53-N235\CTTIHYYY	36	14
>TP53-N235\CTTIHYNM	1487	>TP53-N235\CTTIHYYYM	306	1181
>TP53-N235\CTTIHYNM	11	>TP53-N235\CTTIHYYYM	7	4
>TP53-N235\CTTIHYNM	184	>TP53-N235\CTTIHYYYMC	108	76
>TP53-N235\CTTIHYN	68	>TP53-N235\CTTIHYYY	26	42
>TP53-N235\CTTIHYNM	405	>TP53-N235\CTTIHYYYM	329	76
>TP53-N235\DCTTIHYN	24103	>TP53-N235\DCTTIHYY	176	23927
>TP53-N235\DCTTIHYN	521	>TP53-N235\DCTTIHYY	256	265
>TP53-N235\DCTTIHYN	287	>TP53-N235\DCTTIHYY	44	243
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>TP53-N235\SDCTTIHYN	24455	>TP53-N235\SDCTTIHYY	440	24015
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>TP53-N235\GSDCTTIHYN	17735	>TP53-N235\GSDCTTIHYY	39	17696
>TP53-N235\GSDCTTIHYN	34	>TP53-N235\GSDCTTIHYY`	14	20
>TP53-N235\GSDCTTIHYN	1028	>TP53-N235\GSDCTTIHYY`	221	807
>TP53-N235\GSDCTTIHYN	28491	>TP53-N235\GSDCTTIHYY	147	28344
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>TP53-N239I YMCNSSCMC	41	>TP53-N239I YMCDSSCMC	20	21
>TP53-N239I YMCNSSCM	676	>TP53-N239I YMCDSSCM	184	492
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>TP53-N239I YMCNSSCM	150	>TP53-N239I YMCDSSCM	86	64
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>TP53-N239I YMCNSSCM	67	>TP53-N239I YMCDSSCM	22	45
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>TP53-N239I YMCNSSCM	33	>TP53-N239I YMCDSSCM	10	23
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>TP53-N239\YMCNSSCM	92	>TP53-N239\YMCYSSCM	265	173
>TP53-N239\YMCNSSCMC	197	>TP53-N239\YMCYSSCMG	510	313
>TP53-N239\YMCNSSCM	150	>TP53-N239\YMCYSSCM	534	384
>TP53-N239\YMCNSSCMC	421	>TP53-N239\YMCYSSCMG	1405	984
>TP53-N239\YMCNSSCM	67	>TP53-N239\YMCYSSCM	292	225
>TP53-N239\YMCNSSCMC	332	>TP53-N239\YMCYSSCMG	1128	796
>TP53-N239\YMCNSSCM	33	>TP53-N239\YMCYSSCM	175	142
>TP53-N239\YMCNSSCMC	53	>TP53-N239\YMCYSSCMG	255	202
>TP53-N239\YMCNSSCMC	591	>TP53-N239\YMCYSSCMG	353	238
>TP53-N239\YMCNSSCM	33	>TP53-N239\YMCYSSCM	31	2
>TP53-N239\YMCNSSCMC	127	>TP53-N239\YMCYSSCMG	117	10
>TP53-N239\YMCNSSCMC	292	>TP53-N239\YMCYSSCMG	265	27
>TP53-N239\YMCNSSCMC	44	>TP53-N239\YMCYSSCMG	43	1



>TP53-N239\YMCNSSCM	98	>TP53-N239\YMCYSSCM	154	56
>TP53-N239\YMCNSSCMG	145	>TP53-N239\YMCYSSCMG	192	47
>TP53-N239\YMCNSSCM	20	>TP53-N239\YMCYSSCM	20	0
>TP53-N239\YMCNSSCMG	160	>TP53-N239\YMCYSSCMG	146	14
>TP53-N239\YMCNSSCMG	294	>TP53-N239\YMCYSSCMG	226	68
>TP53-N239\YMCNSSCM	310	>TP53-N239\YMCYSSCM	257	53
>TP53-N239\YMCNSSCM	346	>TP53-N239\YMCYSSCM	333	13
>TP53-N239\NYMCNSSCM	53	>TP53-N239\NYMCYSSCM	1587	1534
>TP53-N239\YNYMCNSSC	6059	>TP53-N239\YNYMCYSSC	221	5838
>TP53-N239\YNYMCNSSCI	1308	>TP53-N239\YNYMCYSSCI	456	852
>TP53-N239\YNYMCNSSCI	429	>TP53-N239\YNYMCYSSCI	413	16
>TP53-N239\YNYMCNSSCI	31	>TP53-N239\YNYMCYSSCI	20	11
>TP53-N239\HNYMCNSS	70	>TP53-N239\HNYMCYSS	412	342
>TP53-N239\IHNYMCNSS	1151	>TP53-N239\IHNYMCYSS	225	926
>TP53-N239\IHNYMCN	23183	>TP53-N239\IHNYMCY	121	23062
>TP53-N239\IHNYMCN	3197	>TP53-N239\IHNYMCY	7	3190
>TP53-N239\IHNYMCNSS	575	>TP53-N239\IHNYMCYSS	422	153
>TP53-N239\IHNYMCN	6773	>TP53-N239\IHNYMCY	137	6636
>TP53-N239\TIHNYMCN	11928	>TP53-N239\TIHNYMCY	253	11675
>TP53-N239\TIHNYMCN	32018	>TP53-N239\TIHNYMCY	257	31761
>TP53-N239\TIHNYMCN	20415	>TP53-N239\TIHNYMCY	52	20363
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>TP53-N239\TIHNYMCN	20381	>TP53-N239\TIHNYMCY	268	20113
>TP53-N239\TTIHNYMCN	20734	>TP53-N239\TTIHNYMCY	67	20667
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>TP53-N239\TTIHNYMCN	24996	>TP53-N239\TTIHNYMCY	114	24882
>TP53-N239\TTIHNYMCN	17187	>TP53-N239\TTIHNYMCY	29	17158
>TP53-N239\TTIHNYMCN	18014	>TP53-N239\TTIHNYMCY	35	17979
>TP53-N239\TTIHNYMCN	14640	>TP53-N239\TTIHNYMCY	490	14150
>TP53-N239\TTIHNYMCN	102	>TP53-N239\TTIHNYMCY	38	64
>TP53-N239\TTIHNYMCN	22430	>TP53-N239\TTIHNYMCY	48	22382
>TP53-N239\TTIHNYMCN	18179	>TP53-N239\TTIHNYMCY	389	17790
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>TP53-N239\TTIHNYMCN	23848	>TP53-N239\TTIHNYMCY	129	23719
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>TP53-N247[ MNRRPILTII	10512	>TP53-N247[ MDRRPILTII	351	10161
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>TP53-N247[ GMNRRPILTI	755	>TP53-N247[ GMDRRPILTII	300	455
>TP53-N247[ GMNRRPILTI	185	>TP53-N247[ GMDRRPILTI	205	20
>TP53-N247[ GMNRRPILTI	168	>TP53-N247[ GMDRRPILTII	595	427
>TP53-N247[ GMNRRPIL	213	>TP53-N247[ GMDRRPIL	4334	4121
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>TP53-N247[ GMNRRPILTI	66	>TP53-N247[ GMDRRPILTI	23	43
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>TP53-N247[ SSCMGGMNI	58	>TP53-N247[ SSCMGGMDI	264	206
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>TP53-N247[ SSCMGGMNI	110	>TP53-N247[ SSCMGGMDI	1243	1133
>TP53-N247[ SSCMGGMNI	56	>TP53-N247[ SSCMGGMDI	282	226
>TP53-N247[ SSCMGGMNI	220	>TP53-N247[ SSCMGGMDI	463	243
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>TP53-N247[ SSCMGGMNI	398	>TP53-N247[ SSCMGGMDI	566	168
>TP53-N247[ SSCMGGMNI	460	>TP53-N247[ SSCMGGMDI	488	28
>TP53-N247[ NSSCMGGMI	111	>TP53-N247[ NSSCMGGMI	262	151
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>TP53-N247I NSSCMGGMI	39	>TP53-N247I NSSCMGGMI	42	3
>TP53-N247F NRRPILTI	1113	>TP53-N247F FRRPILTI	146	967
>TP53-N247F NRRPILTII	1273	>TP53-N247F FRRPILTII	209	1064
>TP53-N247F NRRPILTIITL	710	>TP53-N247F FRRPILTIITL	107	603
>TP53-N247F NRRPILTI	1481	>TP53-N247F FRRPILTI	173	1308
>TP53-N247F NRRPILTII	2535	>TP53-N247F FRRPILTII	374	2161
>TP53-N247F NRRPILTIITL	1047	>TP53-N247F FRRPILTIITL	128	919
>TP53-N247F NRRPILTIITL	701	>TP53-N247F FRRPILTIITL	183	518
>TP53-N247F NRRPILTII	281	>TP53-N247F FRRPILTII	153	128
>TP53-N247F NRRPILTIIT	50	>TP53-N247F FRRPILTIIT	33	17
>TP53-N247F NRRPILTIITL	224	>TP53-N247F FRRPILTIITL	266	42
>TP53-N247F NRRPILTIIT	876	>TP53-N247F FRRPILTIIT	344	532
>TP53-N247F NRRPILTIITL	12	>TP53-N247F FRRPILTIITL	13	1
>TP53-N247F MNRRPILTI	22631	>TP53-N247F MFRRPILTI	142	22489
>TP53-N247F MNRRPILT	945	>TP53-N247F MFRRPILT	72	873
>TP53-N247F MNRRPILTI	35	>TP53-N247F MFRRPILTI	7	28
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>TP53-N247F MNRRPILTIIT	1029	>TP53-N247F MFRRPILTIIT	76	953
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>TP53-N247F MCNSSCMGC	4169	>TP53-N247F MCNSSCMGC	41	4128
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>TP53-N247F GMNRRPILTI	755	>TP53-N247F GMFRRPILTII	67	688
>TP53-N247F GMNRRPIL	678	>TP53-N247F GMFRRPIL	178	500
>TP53-N247F GMNRRPILTI	185	>TP53-N247F GMFRRPILTI	41	144
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>TP53-N247F GMNRRPIL	213	>TP53-N247F GMFRRPIL	182	31
>TP53-N247F GMNRRPILTI	61	>TP53-N247F GMFRRPILTI	20	41
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>TP53-N247F GMNRRPIL	229	>TP53-N247F GMFRRPIL	33	196
>TP53-N247F GMNRRPILT	822	>TP53-N247F GMFRRPILT	96	726
>TP53-N247F GMNRRPILTI	10	>TP53-N247F GMFRRPILTI	3	7
>TP53-N247F GMNRRPILTI	93	>TP53-N247F GMFRRPILTII	15	78
>TP53-N247F GMNRRPIL	182	>TP53-N247F GMFRRPIL	70	112
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>TP53-N247F GMNRRPILTI	53	>TP53-N247F GMFRRPILTII	22	31
>TP53-N247F GMNRRPIL	160	>TP53-N247F GMFRRPIL	23	137

>TP53-N247f GMNRRPILTI	66	>TP53-N247f GMFRRPILTI	16	50
>TP53-N247f GMNRRPILTI	192	>TP53-N247f GMFRRPILTII	32	160
>TP53-N247f GMNRRPIL	32	>TP53-N247f GMFRRPIL	18	14
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>TP53-N247f GMNRRPILTI	43	>TP53-N247f GMFRRPILTI	19	24
>TP53-N247f GMNRRPILTI	102	>TP53-N247f GMFRRPILTII	33	69
>TP53-N247f GMNRRPILTI	147	>TP53-N247f GMFRRPILTI	25	122
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>TP53-N247f GMNRRPIL	1241	>TP53-N247f GMFRRPIL	461	780
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>TP53-N247f GMNRRPILTI	844	>TP53-N247f GMFRRPILTI	91	753
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>TP53-N247f GMNRRPILTI	5079	>TP53-N247f GMFRRPILTII	454	4625
>TP53-N247f GGMNRRPIL	444	>TP53-N247f GGMFRRPIL	381	63
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>TP53-N247f CMGGMNRR	314	>TP53-N247f CMGGMFRR	34	280
>TP53-N247f CMGGMNRR	1526	>TP53-N247f CMGGMFRR	322	1204
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>TP53-N247f SCMGGMNR	1170	>TP53-N247f SCMGGMFR	244	926
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>TP53-N247f SCMGGMNR	2449	>TP53-N247f SCMGGMFRf	220	2229
>TP53-N247f SCMGGMNR	464	>TP53-N247f SCMGGMFR	189	275
>TP53-N247f SCMGGMNR	1578	>TP53-N247f SCMGGMFRf	378	1200
>TP53-N247f SSCMGGMNI	58	>TP53-N247f SSCMGGMFF	18	40
>TP53-N247f SSCMGGMNI	192	>TP53-N247f SSCMGGMFF	31	161
>TP53-N247f SSCMGGMNI	110	>TP53-N247f SSCMGGMFF	28	82
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>TP53-N247f SSCMGGMNI	2693	>TP53-N247f SSCMGGMFF	451	2242
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>TP53-N247f SSCMGGMNI	361	>TP53-N247f SSCMGGMFF	115	246
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>TP53-N247f SSCMGGMNI	398	>TP53-N247f SSCMGGMFF	488	90
>TP53-N247f SSCMGGMNI	460	>TP53-N247f SSCMGGMFF	164	296
>TP53-N247f NSSCMGGMI	1185	>TP53-N247f NSSCMGGMI	301	884
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>TP53-N247FNSSCMGGMI	365	>TP53-N247FNSSCMGGMI	56	309
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>TP53-N247FNSSCMGGMI	39	>TP53-N247FNSSCMGGMI	24	15
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>TP53-N247FNSSCMGGMI	3920	>TP53-N247FNSSCMGGMI	27	3893
>TP53-N247FCNSSCMGGN	876	>TP53-N247FCNSSCMGGN	210	666
>TP53-N247FCNSSCMGGN	639	>TP53-N247FCNSSCMGGN	300	339
>TP53-N247I NRRPILTI	1113	>TP53-N247I IRRPILTI	172	941
>TP53-N247I NRRPILTII	1273	>TP53-N247I IRRPILTII	232	1041
>TP53-N247I NRRPILTIITL	710	>TP53-N247I IRRPILTIITL	129	581
>TP53-N247I NRRPILTII	4591	>TP53-N247I IRRPILTII	487	4104
>TP53-N247I NRRPILTI	674	>TP53-N247I IRRPILTI	353	321
>TP53-N247I NRRPILTII	281	>TP53-N247I IRRPILTII	328	47
>TP53-N247I NRRPILTIITL	50	>TP53-N247I IRRPILTIITL	55	5
>TP53-N247I NRRPILTII	224	>TP53-N247I IRRPILTII	114	110
>TP53-N247I NRRPILTIIT	876	>TP53-N247I IRRPILTIIT	244	632
>TP53-N247I NRRPILTIITL	12	>TP53-N247I IRRPILTIITL	7	5
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>TP53-N247I MNRRPILTI	35	>TP53-N247I MIRRPILTI	7	28
>TP53-N247I MNRRPILTII	200	>TP53-N247I MIRRPILTII	18	182
>TP53-N247I MNRRPILTIIT	1029	>TP53-N247I MIRRPILTIIT	57	972
>TP53-N247I MNRRPILTI	2118	>TP53-N247I MIRRPILTI	468	1650
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>TP53-N247I MNRRPILTI	399	>TP53-N247I MIRRPILTI	1441	1042
>TP53-N247I MCNSSCMGC	4169	>TP53-N247I MCNSSCMGC	395	3774
>TP53-N247I GMNRRPIL	2183	>TP53-N247I GMIRRPIL	460	1723
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>TP53-N247I GMNRRPILTI	755	>TP53-N247I GMIRRPILTII	174	581
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>TP53-N247I GMNRRPILTI	168	>TP53-N247I GMIRRPILTII	167	1
>TP53-N247I GMNRRPIL	213	>TP53-N247I GMIRRPIL	225	12
>TP53-N247I GMNRRPILTI	61	>TP53-N247I GMIRRPILTI	31	30
>TP53-N247I GMNRRPILTI	13	>TP53-N247I GMIRRPILTII	14	1
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>TP53-N247I GMNRRPILTI	93	>TP53-N247I GMIRRPILTII	94	1
>TP53-N247I GMNRRPIL	182	>TP53-N247I GMIRRPIL	71	111
>TP53-N247I GMNRRPILTI	21	>TP53-N247I GMIRRPILTI	11	10
>TP53-N247I GMNRRPILTI	53	>TP53-N247I GMIRRPILTII	21	32
>TP53-N247I GMNRRPIL	160	>TP53-N247I GMIRRPIL	231	71
>TP53-N247I GMNRRPILTI	66	>TP53-N247I GMIRRPILTI	93	27
>TP53-N247I GMNRRPILTI	192	>TP53-N247I GMIRRPILTII	276	84
>TP53-N247I GMNRRPIL	32	>TP53-N247I GMIRRPIL	32	0
>TP53-N247I GMNRRPILTI	43	>TP53-N247I GMIRRPILTI	41	2
>TP53-N247I GMNRRPILTI	102	>TP53-N247I GMIRRPILTII	95	7
>TP53-N247I GMNRRPILTI	147	>TP53-N247I GMIRRPILTI	174	27
>TP53-N247I GMNRRPIL	1241	>TP53-N247I GMIRRPIL	441	800
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>TP53-N247I NRRPILTI	1113	>TP53-N247I KRRPILTI	190	923
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>TP53-N247 <sup>5</sup> GMNRRPILTI	185	>TP53-N247 <sup>5</sup> GMSRRPILTI	58	127
>TP53-N247 <sup>5</sup> GMNRRPILTI	168	>TP53-N247 <sup>5</sup> GMSRRPILTII	85	83
>TP53-N247 <sup>5</sup> GMNRRPIL	213	>TP53-N247 <sup>5</sup> GMSRRPIL	301	88
>TP53-N247 <sup>5</sup> GMNRRPILTI	61	>TP53-N247 <sup>5</sup> GMSRRPILTI	36	25
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>TP53-N247 <sup>5</sup> GMNRRPILTI	10	>TP53-N247 <sup>5</sup> GMSRRPILTI	18	8
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>TP53-N247 <sup>5</sup> GMNRRPILTI	192	>TP53-N247 <sup>5</sup> GMSRRPILTII	231	39
>TP53-N247 <sup>5</sup> GMNRRPIL	32	>TP53-N247 <sup>5</sup> GMSRRPIL	28	4
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>TP53-N247 <sup>5</sup> GMNRRPILTI	147	>TP53-N247 <sup>5</sup> GMSRRPILTI	274	127
>TP53-N247 <sup>5</sup> GGMNRRPIL	444	>TP53-N247 <sup>5</sup> GGMSRRPIL	355	89
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>TP53-N247 <sup>5</sup> SSCMGGMNI	58	>TP53-N247 <sup>5</sup> SSCMGGMSF	94	36
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>TP53-N247 <sup>5</sup> SSCMGGMNI	460	>TP53-N247 <sup>5</sup> SSCMGGMSF	529	69
>TP53-N247 <sup>5</sup> NSSCMGGMI	111	>TP53-N247 <sup>5</sup> NSSCMGGM!	115	4
>TP53-N247 <sup>5</sup> NSSCMGGMI	55	>TP53-N247 <sup>5</sup> NSSCMGGM!	80	25
>TP53-N247 <sup>5</sup> NSSCMGGMI	365	>TP53-N247 <sup>5</sup> NSSCMGGM!	344	21
>TP53-N247 <sup>5</sup> NSSCMGGMI	12	>TP53-N247 <sup>5</sup> NSSCMGGM!	15	3
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>TP53-N2471MNRRPILTI	35	>TP53-N2471MTRRPILTI	4	31
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>TP53-N2471GMNRRPIL	182	>TP53-N2471GMTRRPIL	302	120
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>TP53-N2471GMNRRPILTI	102	>TP53-N2471GMTRRPILTI	68	34
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>TP53-N2471CMGGMNRR	88	>TP53-N2471CMGGMTRRI	59	29
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>TP53-N2471CMGGMNRR	117	>TP53-N2471CMGGMTRR	86	31
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>TP53-N2471SSCMGGMNI	58	>TP53-N2471SSCMGGMTF	145	87
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>TP53-N247\SSCMGGMNI	361	>TP53-N247\SSCMGGMTF	240	121
>TP53-N247\SSCMGGMNI	398	>TP53-N247\SSCMGGMTF	706	308
>TP53-N247\SSCMGGMNI	460	>TP53-N247\SSCMGGMTF	433	27
>TP53-N247\NSSCMGGMI	111	>TP53-N247\NSSCMGGM <sup>+</sup>	81	30
>TP53-N247\NSSCMGGMI	55	>TP53-N247\NSSCMGGM <sup>+</sup>	72	17
>TP53-N247\NSSCMGGMI	365	>TP53-N247\NSSCMGGM <sup>+</sup>	449	84
>TP53-N247\NSSCMGGMI	12	>TP53-N247\NSSCMGGM <sup>+</sup>	8	4
>TP53-N247\NSSCMGGMI	39	>TP53-N247\NSSCMGGM <sup>+</sup>	44	5
>TP53-N247\NRRPILTI	1113	>TP53-N247\YRRPILTI	123	990
>TP53-N247\NRRPILTI	1273	>TP53-N247\YRRPILTI	189	1084
>TP53-N247\NRRPILTIITL	710	>TP53-N247\YRRPILTIITL	87	623
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>TP53-N247\NRRPILTI	2535	>TP53-N247\YRRPILTI	330	2205
>TP53-N247\NRRPILTIITL	1047	>TP53-N247\YRRPILTIITL	114	933
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>TP53-N247\NRRPILTI	4591	>TP53-N247\YRRPILTI	270	4321
>TP53-N247\NRRPILTI	5731	>TP53-N247\YRRPILTI	283	5448
>TP53-N247\NRRPILTI	281	>TP53-N247\YRRPILTI	238	43
>TP53-N247\NRRPILTIITL	50	>TP53-N247\YRRPILTIITL	42	8
>TP53-N247\NRRPILTI	224	>TP53-N247\YRRPILTI	248	24
>TP53-N247\NRRPILTIIT	876	>TP53-N247\YRRPILTIIT	406	470
>TP53-N247\NRRPILTIITL	12	>TP53-N247\YRRPILTIITL	11	1
>TP53-N247\MNRRPILTI	17073	>TP53-N247\MYRRPILTI	198	16875
>TP53-N247\MNRRPILTI	16064	>TP53-N247\MYRRPILTI	198	15866
>TP53-N247\MNRRPILTI	22631	>TP53-N247\MYRRPILTI	9	22622
>TP53-N247\MNRRPILTI	23633	>TP53-N247\MYRRPILTI	33	23600
>TP53-N247\MNRRPILTI	945	>TP53-N247\MYRRPILTI	25	920
>TP53-N247\MNRRPILTI	35	>TP53-N247\MYRRPILTI	5	30
>TP53-N247\MNRRPILTI	200	>TP53-N247\MYRRPILTI	10	190
>TP53-N247\MNRRPILTIIT	1029	>TP53-N247\MYRRPILTIIT	26	1003
>TP53-N247\MNRRPILTI	457	>TP53-N247\MYRRPILTI	1219	762
>TP53-N247\MNRRPILTI	25335	>TP53-N247\MYRRPILTI	376	24959
>TP53-N247\MNRRPILTI	399	>TP53-N247\MYRRPILTI	2708	2309
>TP53-N247\MCNSSCMGC	21925	>TP53-N247\MCNSSCMGC	161	21764
>TP53-N247\MCNSSCMGC	25139	>TP53-N247\MCNSSCMGC	127	25012
>TP53-N247\MCNSSCMGC	26339	>TP53-N247\MCNSSCMGC	469	25870
>TP53-N247\MCNSSCMGC	4169	>TP53-N247\MCNSSCMGC	29	4140
>TP53-N247\GMNRRPIL	2183	>TP53-N247\GMYRRPIL	250	1933
>TP53-N247\GMNRRPILTI	972	>TP53-N247\GMYRRPILTI	90	882
>TP53-N247\GMNRRPILTI	755	>TP53-N247\GMYRRPILTI	95	660

>TP53-N247\GMNRRPIL	678	>TP53-N247\GMYRRPIL	465	213
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>TP53-N247\GMNRRPILTI	168	>TP53-N247\GMYRRPILTI	139	29
>TP53-N247\GMNRRPIL	213	>TP53-N247\GMYRRPIL	77	136
>TP53-N247\GMNRRPILT	728	>TP53-N247\GMYRRPILT	243	485
>TP53-N247\GMNRRPILTI	61	>TP53-N247\GMYRRPILTI	17	44
>TP53-N247\GMNRRPILTI	13	>TP53-N247\GMYRRPILTI	9	4
>TP53-N247\GMNRRPILTI	2592	>TP53-N247\GMYRRPILTI	446	2146
>TP53-N247\GMNRRPIL	229	>TP53-N247\GMYRRPIL	25	204
>TP53-N247\GMNRRPILT	822	>TP53-N247\GMYRRPILT	64	758
>TP53-N247\GMNRRPILTI	10	>TP53-N247\GMYRRPILTI	3	7
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>TP53-N247\GMNRRPIL	182	>TP53-N247\GMYRRPIL	54	128
>TP53-N247\GMNRRPILTI	21	>TP53-N247\GMYRRPILTI	9	12
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>TP53-N247\GMNRRPILTI	66	>TP53-N247\GMYRRPILTI	14	52
>TP53-N247\GMNRRPILTI	192	>TP53-N247\GMYRRPILTI	25	167
>TP53-N247\GMNRRPIL	32	>TP53-N247\GMYRRPIL	16	16
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>TP53-N247\GMNRRPIL	1241	>TP53-N247\GMYRRPIL	273	968
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>TP53-N247\GMNRRPILTI	1583	>TP53-N247\GMYRRPILTI	228	1355
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>TP53-N247\GMNRRPILTI	5079	>TP53-N247\GMYRRPILTI	429	4650
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>TP53-N247\GGMNRRPIL	444	>TP53-N247\GGMYRRPIL	200	244
>TP53-N247\CMGGMNRR	635	>TP53-N247\CMGGMYRRI	130	505
>TP53-N247\CMGGMNRR	88	>TP53-N247\CMGGMYRRI	84	4
>TP53-N247\CMGGMNRR	314	>TP53-N247\CMGGMYRR	43	271
>TP53-N247\CMGGMNRR	1526	>TP53-N247\CMGGMYRR	474	1052
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>TP53-N247\SCMGGMNR	1170	>TP53-N247\SCMGGMYR	195	975
>TP53-N247\SCMGGMNR	1568	>TP53-N247\SCMGGMYRf	177	1391
>TP53-N247\SCMGGMNR	2449	>TP53-N247\SCMGGMYRf	349	2100
>TP53-N247\SCMGGMNR	464	>TP53-N247\SCMGGMYR	67	397
>TP53-N247\SCMGGMNR	1578	>TP53-N247\SCMGGMYRf	106	1472
>TP53-N247\SSCMGGMN	21835	>TP53-N247\SSCMGGMY	252	21583

>TP53-N247\SSCMGGMNI	58	>TP53-N247\SSCMGGMYF	21	37
>TP53-N247\SSCMGGMNI	192	>TP53-N247\SSCMGGMYF	32	160
>TP53-N247\SSCMGGMN	21037	>TP53-N247\SSCMGGMY	147	20890
>TP53-N247\SSCMGGMN	11237	>TP53-N247\SSCMGGMY	30	11207
>TP53-N247\SSCMGGMNI	110	>TP53-N247\SSCMGGMYF	22	88
>TP53-N247\SSCMGGMNI	56	>TP53-N247\SSCMGGMYF	18	38
>TP53-N247\SSCMGGMNI	220	>TP53-N247\SSCMGGMYF	52	168
>TP53-N247\SSCMGGMNI	361	>TP53-N247\SSCMGGMYF	106	255
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>TP53-N247\SSCMGGMN	23907	>TP53-N247\SSCMGGMY	448	23459
>TP53-N247\SSCMGGMNI	398	>TP53-N247\SSCMGGMYF	379	19
>TP53-N247\SSCMGGMNI	460	>TP53-N247\SSCMGGMYF	201	259
>TP53-N247\NSSCMGGMI	21256	>TP53-N247\NSSCMGGM`	94	21162
>TP53-N247\NSSCMGGMI	1185	>TP53-N247\NSSCMGGM`	291	894
>TP53-N247\NSSCMGGMI	111	>TP53-N247\NSSCMGGM`	38	73
>TP53-N247\NSSCMGGMI	22851	>TP53-N247\NSSCMGGM`	138	22713
>TP53-N247\NSSCMGGMI	23566	>TP53-N247\NSSCMGGM`	173	23393
>TP53-N247\NSSCMGGMI	55	>TP53-N247\NSSCMGGM`	22	33
>TP53-N247\NSSCMGGMI	1517	>TP53-N247\NSSCMGGM`	280	1237
>TP53-N247\NSSCMGGMI	365	>TP53-N247\NSSCMGGM`	94	271
>TP53-N247\NSSCMGGMI	1183	>TP53-N247\NSSCMGGM`	456	727
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>TP53-N247\NSSCMGGMI	39	>TP53-N247\NSSCMGGM`	29	10
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>TP53-N247\NSSCMGGMI	3920	>TP53-N247\NSSCMGGM`	19	3901
>TP53-N247\CNSSCMGGN	31450	>TP53-N247\CNSSCMGGN	259	31191
>TP53-N247\CNSSCMGGN	29333	>TP53-N247\CNSSCMGGN	269	29064
>TP53-N247\CNSSCMGGN	876	>TP53-N247\CNSSCMGGN	304	572
>TP53-N247\CNSSCMGGN	639	>TP53-N247\CNSSCMGGN	136	503
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>TP53-N263[ NLLGRNSFEV	137	>TP53-N263[ DLLGRNSFEV	643	506
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>TP53-N263[ NLLGRNSFEV	309	>TP53-N263[ DLLGRNSFEV	267	42
>TP53-N263[ NLLGRNSFEV	52	>TP53-N263[ DLLGRNSFEV	58	6

>TP53-N263I NLLGRNSF	65	>TP53-N263I DLLGRNSF	250	185
>TP53-N263I NLLGRNSF	418	>TP53-N263I DLLGRNSF	1353	935
>TP53-N263I NLLGRNSFEV	195	>TP53-N263I DLLGRNSFEV	784	589
>TP53-N263I GNLLGRNSF	14423	>TP53-N263I GDLLGRNSF	277	14146
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>TP53-N263I GNLLGRNSFE	3100	>TP53-N263I GDLLGRNSFE	135	2965
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>TP53-N263I SGNLLGRNSF	311	>TP53-N263I SGDLLGRNSF	548	237
>TP53-N263I SSGNLLGRNS	245	>TP53-N263I SSGDLLGRNS	272	27
>TP53-N263I SSGNLLGRNS	390	>TP53-N263I SSGDLLGRNS	177	213
>TP53-N263I SSGNLLGRNS	32	>TP53-N263I SSGDLLGRNS	55	23
>TP53-N263I SSGNLLGR	357	>TP53-N263I SSGDLLGR	511	154
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>TP53-N263I EDSSGNLL	273	>TP53-N263I EDSSGDLL	3147	2874
>TP53-N263I LEDSSGNL	33	>TP53-N263I LEDSSGDLL	40	7
>TP53-N263I LEDSSGNL	20	>TP53-N263I LEDSSGDLL	11	9
>TP53-N263I TLEDSSGNL	62	>TP53-N263I TLEDSSGDLL	562	500
>TP53-N263I TLEDSSGNLL	133	>TP53-N263I TLEDSSGDLL	151	18
>TP53-N263I TLEDSSGNL	24	>TP53-N263I TLEDSSGDLL	54	30
>TP53-N263I TLEDSSGNLL	23	>TP53-N263I TLEDSSGDLL	37	14
>TP53-N263I ITLEDSSGNL	495	>TP53-N263I ITLEDSSGDLL	1492	997
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>TP53-N263I ITLEDSSGNLL	270	>TP53-N263I ITLEDSSGDLL	289	19
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>TP53-N263I ITLEDSSGNL	137	>TP53-N263I ITLEDSSGDLL	838	701
>TP53-N263I ITLEDSSGNLL	354	>TP53-N263I ITLEDSSGDLL	541	187
>TP53-N263I ITLEDSSGNL	6	>TP53-N263I ITLEDSSGDLL	12	6
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>TP53-N263I ITLEDSSGNL	341	>TP53-N263I ITLEDSSGDLL	573	232
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>TP53-N263†NLLGRNSFEV	502	>TP53-N263†HLLGRNSFEV	42	460
>TP53-N263†NLLGRNSF	826	>TP53-N263†HLLGRNSF	84	742
>TP53-N263†NLLGRNSFEV	109	>TP53-N263†HLLGRNSFEV	72	37
>TP53-N263†NLLGRNSFEV	309	>TP53-N263†HLLGRNSFEV	288	21
>TP53-N263†NLLGRNSFEV	52	>TP53-N263†HLLGRNSFEV	57	5
>TP53-N263†NLLGRNSF	968	>TP53-N263†HLLGRNSF	300	668
>TP53-N263†NLLGRNSF	65	>TP53-N263†HLLGRNSF	45	20
>TP53-N263†NLLGRNSF	418	>TP53-N263†HLLGRNSF	80	338
>TP53-N263†NLLGRNSFEV	195	>TP53-N263†HLLGRNSFEV	52	143
>TP53-N263†GNLLGRNSF	1249	>TP53-N263†GHLLGRNSF	188	1061
>TP53-N263†SGNLLGRNSF	311	>TP53-N263†SGHLLGRNSF	192	119
>TP53-N263†SSGNLLGRNS	245	>TP53-N263†SSGHLLGRNS	240	5
>TP53-N263†SSGNLLGRNS	701	>TP53-N263†SSGHLLGRNS	461	240
>TP53-N263†SSGNLLGRNS	390	>TP53-N263†SSGHLLGRNS	193	197
>TP53-N263†SSGNLLGRNS	32	>TP53-N263†SSGHLLGRNS	52	20
>TP53-N263†SSGNLLGR	357	>TP53-N263†SSGHLLGR	295	62
>TP53-N263†DSSGNLLGR	664	>TP53-N263†DSSGHLLGR	253	411
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>TP53-N263†EDSSGNLL	273	>TP53-N263†EDSSGHLL	229	44
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>TP53-N263†LEDSSGNLL	745	>TP53-N263†LEDSSGHLL	463	282
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>TP53-N263†TLEDSSGNL	947	>TP53-N263†TLEDSSGHL	395	552
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>TP53-N263†TLEDSSGNL	24	>TP53-N263†TLEDSSGHL	20	4
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>TP53-N263†ITLEDSSGNLL	536	>TP53-N263†ITLEDSSGHLL	431	105
>TP53-N263†ITLEDSSGNL	471	>TP53-N263†ITLEDSSGHL	881	410
>TP53-N263†ITLEDSSGNL	371	>TP53-N263†ITLEDSSGHL	507	136
>TP53-N263†ITLEDSSGNLL	270	>TP53-N263†ITLEDSSGHLL	135	135
>TP53-N263†ITLEDSSGNL	302	>TP53-N263†ITLEDSSGHL	260	42
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>TP53-N263†ITLEDSSGNL	6	>TP53-N263†ITLEDSSGHL	8	2
>TP53-N263†ITLEDSSGNLL	18	>TP53-N263†ITLEDSSGHLL	8	10

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>TP53-N263IILLGRNSFEV	137	>TP53-N263IILLGRNSFEV	68	69
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>TP53-N263IILLGRNSFEV	109	>TP53-N263IILLGRNSFEVF	173	64
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>TP53-N263IILLGRNSFEV	52	>TP53-N263IILLGRNSFEV	462	410
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>TP53-N263IILLGRNSF	418	>TP53-N263IILLGRNSF	35	383
>TP53-N263IILLGRNSFEV	195	>TP53-N263IILLGRNSFEVF	159	36
>TP53-N263IGNLLGRNSFE	15033	>TP53-N263IGILLGRNSFE\	200	14833
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>TP53-N263IDSSGNLLGR	664	>TP53-N263IDSSGILLGR	102	562
>TP53-N263IDSSGNLLGR	68	>TP53-N263IDSSGILLGR	17	51
>TP53-N263IEDSSGNLL	273	>TP53-N263IEDSSGILL	538	265
>TP53-N263ILEDSSGNL	727	>TP53-N263ILEDSSGIL	65	662
>TP53-N263ILEDSSGNL	33	>TP53-N263ILEDSSGIL	13	20
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>TP53-N263I LEDSSGNLL	816	>TP53-N263I LEDSSGILL	451	365
>TP53-N263I TLEDSSGN	15196	>TP53-N263I TLEDSSGI	146	15050
>TP53-N263I TLEDSSGNL	62	>TP53-N263I TLEDSSGIL	200	138
>TP53-N263I TLEDSSGNLL	133	>TP53-N263I TLEDSSGILL	91	42
>TP53-N263I TLEDSSGN	20042	>TP53-N263I TLEDSSGI	173	19869
>TP53-N263I TLEDSSGN	18315	>TP53-N263I TLEDSSGI	324	17991
>TP53-N263I TLEDSSGN	22274	>TP53-N263I TLEDSSGI	106	22168
>TP53-N263I TLEDSSGNLL	736	>TP53-N263I TLEDSSGILL	495	241
>TP53-N263I TLEDSSGN	10524	>TP53-N263I TLEDSSGI	24	10500
>TP53-N263I TLEDSSGNL	24	>TP53-N263I TLEDSSGIL	61	37
>TP53-N263I TLEDSSGNLL	23	>TP53-N263I TLEDSSGILL	18	5
>TP53-N263I ITLEDSSGNL	495	>TP53-N263I ITLEDSSGIL	923	428
>TP53-N263I ITLEDSSGNL	471	>TP53-N263I ITLEDSSGIL	954	483
>TP53-N263I ITLEDSSGN	12319	>TP53-N263I ITLEDSSGI	86	12233
>TP53-N263I ITLEDSSGNL	371	>TP53-N263I ITLEDSSGIL	746	375
>TP53-N263I ITLEDSSGNLL	270	>TP53-N263I ITLEDSSGILL	162	108
>TP53-N263I ITLEDSSGN	10508	>TP53-N263I ITLEDSSGI	53	10455
>TP53-N263I ITLEDSSGNL	302	>TP53-N263I ITLEDSSGIL	786	484
>TP53-N263I ITLEDSSGNLL	339	>TP53-N263I ITLEDSSGILL	137	202
>TP53-N263I ITLEDSSGN	18560	>TP53-N263I ITLEDSSGI	132	18428
>TP53-N263I ITLEDSSGN	10846	>TP53-N263I ITLEDSSGI	38	10808
>TP53-N263I ITLEDSSGNL	137	>TP53-N263I ITLEDSSGIL	488	351
>TP53-N263I ITLEDSSGNLL	354	>TP53-N263I ITLEDSSGILL	233	121
>TP53-N263I ITLEDSSGN	2207	>TP53-N263I ITLEDSSGI	10	2197
>TP53-N263I ITLEDSSGNL	6	>TP53-N263I ITLEDSSGIL	10	4
>TP53-N263I ITLEDSSGNLL	18	>TP53-N263I ITLEDSSGILL	9	9
>TP53-N263I ITLEDSSGNLL	259	>TP53-N263I ITLEDSSGILL	275	16
>TP53-N263I ITLEDSSGN	1858	>TP53-N263I ITLEDSSGI	154	1704
>TP53-N263I ITLEDSSGNL	341	>TP53-N263I ITLEDSSGIL	205	136
>TP53-N263I ITLEDSSGNLL	30	>TP53-N263I ITLEDSSGILL	53	23
>TP53-N263I ITLEDSSGN	31805	>TP53-N263I ITLEDSSGI	30	31775
>TP53-N263I ITLEDSSGNLL	604	>TP53-N263I ITLEDSSGILL	424	180
>TP53-N263I IITLEDSSGN	25029	>TP53-N263I IITLEDSSGI	485	24544
>TP53-N263I ILLGRNSFEV	29	>TP53-N263I KLLGRNSFEV	17	12
>TP53-N263I ILLGRNSFEV	89	>TP53-N263I KLLGRNSFEV	41	48
>TP53-N263I ILLGRNSFEV	94	>TP53-N263I KLLGRNSFEV	60	34
>TP53-N263I ILLGRNSFEV	137	>TP53-N263I KLLGRNSFEV	69	68
>TP53-N263I ILLGRNSFEV	3	>TP53-N263I KLLGRNSFEV	2	1
>TP53-N263I ILLGRNSFEV	5	>TP53-N263I KLLGRNSFEV	3	2
>TP53-N263I ILLGRNSFEV	7	>TP53-N263I KLLGRNSFEV	4	3
>TP53-N263I ILLGRNSFEV	3	>TP53-N263I KLLGRNSFEV	3	0
>TP53-N263I ILLGRNSFEV	3	>TP53-N263I KLLGRNSFEV	2	1
>TP53-N263I ILLGRNSFEV	7167	>TP53-N263I KLLGRNSFEV	356	6811

>TP53-N263†NLLGRNSFEV	502	>TP53-N263†KLLGRNSFEV	20	482
>TP53-N263†NLLGRNSF	826	>TP53-N263†KLLGRNSF	11	815
>TP53-N263†NLLGRNSFEV	6133	>TP53-N263†KLLGRNSFEV	207	5926
>TP53-N263†NLLGRNSFEV	109	>TP53-N263†KLLGRNSFEV	2581	2472
>TP53-N263†NLLGRNSFEV	309	>TP53-N263†KLLGRNSFEV	5044	4735
>TP53-N263†NLLGRNSFEV	52	>TP53-N263†KLLGRNSFEV	757	705
>TP53-N263†NLLGRNSF	968	>TP53-N263†KLLGRNSF	286	682
>TP53-N263†NLLGRNSF	65	>TP53-N263†KLLGRNSF	350	285
>TP53-N263†NLLGRNSF	418	>TP53-N263†KLLGRNSF	38	380
>TP53-N263†NLLGRNSF	9998	>TP53-N263†KLLGRNSF	492	9506
>TP53-N263†NLLGRNSFEV	195	>TP53-N263†KLLGRNSFEV	31	164
>TP53-N263†GNLLGRNSF	1249	>TP53-N263†GKLLGRNSF	14	1235
>TP53-N263†TIITLEDSSGN	23476	>TP53-N263†TIITLEDSSGK	50	23426
>TP53-N263†TIITLEDSSGN	11678	>TP53-N263†TIITLEDSSGK	37	11641
>TP53-N263†SGNLLGRNSF	311	>TP53-N263†SGKLLGRNSF	218	93
>TP53-N263†SSGNLLGRNS	245	>TP53-N263†SSGKLLGRNS	316	71
>TP53-N263†SSGNLLGRNS	390	>TP53-N263†SSGKLLGRNS	462	72
>TP53-N263†SSGNLLGRNS	32	>TP53-N263†SSGKLLGRNS	42	10
>TP53-N263†SSGNLLGR	357	>TP53-N263†SSGKLLGR	527	170
>TP53-N263†DSSGNLLGR	664	>TP53-N263†DSSGKLLGR	199	465
>TP53-N263†DSSGNLLGR	68	>TP53-N263†DSSGKLLGR	179	111
>TP53-N263†EDSSGNLL	273	>TP53-N263†EDSSGKLL	85	188
>TP53-N263†LEDSSGNLL	745	>TP53-N263†LEDSSGKLL	226	519
>TP53-N263†LEDSSGNL	33	>TP53-N263†LEDSSGKL	38	5
>TP53-N263†LEDSSGNLL	20	>TP53-N263†LEDSSGKLL	40	20
>TP53-N263†TLEDSSGNL	62	>TP53-N263†TLEDSSGKL	150	88
>TP53-N263†TLEDSSGNLL	133	>TP53-N263†TLEDSSGKLL	621	488
>TP53-N263†TLEDSSGNL	24	>TP53-N263†TLEDSSGKL	23	1
>TP53-N263†TLEDSSGNLL	23	>TP53-N263†TLEDSSGKLL	35	12
>TP53-N263†ITLEDSSGNL	495	>TP53-N263†ITLEDSSGKL	727	232
>TP53-N263†ITLEDSSGNL	471	>TP53-N263†ITLEDSSGKL	939	468
>TP53-N263†ITLEDSSGNL	371	>TP53-N263†ITLEDSSGKL	843	472
>TP53-N263†ITLEDSSGNLL	270	>TP53-N263†ITLEDSSGKLL	956	686
>TP53-N263†ITLEDSSGNL	302	>TP53-N263†ITLEDSSGKL	296	6
>TP53-N263†ITLEDSSGNLL	339	>TP53-N263†ITLEDSSGKLL	479	140
>TP53-N263†ITLEDSSGN	20539	>TP53-N263†ITLEDSSGK	209	20330
>TP53-N263†ITLEDSSGN	25567	>TP53-N263†ITLEDSSGK	68	25499
>TP53-N263†ITLEDSSGN	21245	>TP53-N263†ITLEDSSGK	222	21023
>TP53-N263†ITLEDSSGNL	137	>TP53-N263†ITLEDSSGKL	253	116
>TP53-N263†ITLEDSSGNLL	354	>TP53-N263†ITLEDSSGKLL	882	528
>TP53-N263†ITLEDSSGNL	6	>TP53-N263†ITLEDSSGKL	6	0
>TP53-N263†ITLEDSSGNLL	18	>TP53-N263†ITLEDSSGKLL	8	10
>TP53-N263†ITLEDSSGNLL	259	>TP53-N263†ITLEDSSGKLL	623	364

>TP53-N263FITLEDSSGNL	341	>TP53-N263FITLEDSSGKL	194	147
>TP53-N263FITLEDSSGNLL	30	>TP53-N263FITLEDSSGKLL	50	20
>TP53-N263FITLEDSSGNLL	604	>TP53-N263FITLEDSSGKLL	431	173
>TP53-N263FITLEDSSGN	35289	>TP53-N263FITLEDSSGK	325	34964
>TP53-N268FNSFEVRVCA	10009	>TP53-N268FNSFEVRVCA	417	9592
>TP53-N268FNSFEVRVCA	21	>TP53-N268FNSFEVRVCA	21	0
>TP53-N268FGRNSFEVRV	1849	>TP53-N268FGRFSFEVRV	378	1471
>TP53-N268FGRNSFEVR	405	>TP53-N268FGRFSFEVR	45	360
>TP53-N268FGRNSFEVRV	631	>TP53-N268FGRFSFEVRV	61	570
>TP53-N268FGRNSFEVRVC	1232	>TP53-N268FGRFSFEVRVC	114	1118
>TP53-N268FGRNSFEVRVC	2909	>TP53-N268FGRFSFEVRVC	429	2480
>TP53-N268FGRNSFEVRV	1117	>TP53-N268FGRFSFEVRV	306	811
>TP53-N268FLGRNSFEVR	286	>TP53-N268FLGRFSFEVR	290	4
>TP53-N268FLLGRNSFEV	26	>TP53-N268FLLGRFSFEV	12	14
>TP53-N268FLLGRNSFEVR	137	>TP53-N268FLLGRFSFEVR	57	80
>TP53-N268FLLGRNSFEV	16	>TP53-N268FLLGRFSFEV	9	7
>TP53-N268FLLGRNSFEVR	62	>TP53-N268FLLGRFSFEVR	32	30
>TP53-N268FLLGRNSFEV	47	>TP53-N268FLLGRFSFEV	32	15
>TP53-N268FLLGRNSFEVR	214	>TP53-N268FLLGRFSFEVR	154	60
>TP53-N268FLLGRNSFEV	39	>TP53-N268FLLGRFSFEV	32	7
>TP53-N268FLLGRNSFEVR	582	>TP53-N268FLLGRFSFEVR	421	161
>TP53-N268FLLGRNSFEV	2	>TP53-N268FLLGRFSFEV	2	0
>TP53-N268FLLGRNSFEVR	3	>TP53-N268FLLGRFSFEVR	3	0
>TP53-N268FLLGRNSFEV	2	>TP53-N268FLLGRFSFEV	3	1
>TP53-N268FLLGRNSFEVR	7	>TP53-N268FLLGRFSFEVR	11	4
>TP53-N268FLLGRNSFEV	5	>TP53-N268FLLGRFSFEV	5	0
>TP53-N268FLLGRNSFEVR	9	>TP53-N268FLLGRFSFEVR	9	0
>TP53-N268FLLGRNSFEV	2	>TP53-N268FLLGRFSFEV	2	0
>TP53-N268FLLGRNSFEVR	6	>TP53-N268FLLGRFSFEVR	7	1
>TP53-N268FLLGRNSFEV	2	>TP53-N268FLLGRFSFEV	2	0
>TP53-N268FLLGRNSFEVR	2	>TP53-N268FLLGRFSFEVR	2	0
>TP53-N268FLLGRNSFEVR	429	>TP53-N268FLLGRFSFEVR	140	289
>TP53-N268FLLGRNSFEVR	1284	>TP53-N268FLLGRFSFEVR	287	997
>TP53-N268FLLGRNSFEV	425	>TP53-N268FLLGRFSFEV	159	266
>TP53-N268FLLGRNSFEVR	2135	>TP53-N268FLLGRFSFEVR	316	1819
>TP53-N268FLLGRNSFEVR	773	>TP53-N268FLLGRFSFEVR	397	376
>TP53-N268FNLLGRNSFEV	29	>TP53-N268FNLLGRFSFEV	19	10
>TP53-N268FNLLGRNSFEV	89	>TP53-N268FNLLGRFSFEV	54	35
>TP53-N268FNLLGRNSFEV	94	>TP53-N268FNLLGRFSFEV	63	31
>TP53-N268FNLLGRNSF	2963	>TP53-N268FNLLGRFSF	325	2638
>TP53-N268FNLLGRNSFEV	137	>TP53-N268FNLLGRFSFEV	43	94
>TP53-N268FNLLGRNSFEV	3	>TP53-N268FNLLGRFSFEV	2	1
>TP53-N268FNLLGRNSFEV	5	>TP53-N268FNLLGRFSFEV	4	1

>TP53-N268F NLLGRNSFEV	7	>TP53-N268F NLLGRFSFEV	6	1
>TP53-N268F NLLGRNSFEV	3	>TP53-N268F NLLGRFSFEV	3	0
>TP53-N268F NLLGRNSFEV	3	>TP53-N268F NLLGRFSFEV	2	1
>TP53-N268F NLLGRNSFEV	502	>TP53-N268F NLLGRFSFEV	233	269
>TP53-N268F NLLGRNSFEV	109	>TP53-N268F NLLGRFSFEV	59	50
>TP53-N268F NLLGRNSFEV	309	>TP53-N268F NLLGRFSFEV	289	20
>TP53-N268F NLLGRNSFEV	52	>TP53-N268F NLLGRFSFEV	25	27
>TP53-N268F NLLGRNSF	501	>TP53-N268F NLLGRFSF	258	243
>TP53-N268F NLLGRNSF	65	>TP53-N268F NLLGRFSF	129	64
>TP53-N268F NLLGRNSF	418	>TP53-N268F NLLGRFSF	410	8
>TP53-N268F NLLGRNSFEV	195	>TP53-N268F NLLGRFSFEV	115	80
>TP53-N268F SGNLLGRNSF	311	>TP53-N268F SGNLLGRFSF	204	107
>TP53-N268F SSGNLLGRN	31793	>TP53-N268F SSGNLLGRF	466	31327
>TP53-N268F SSGNLLGRNS	974	>TP53-N268F SSGNLLGRFS	478	496
>TP53-N268F SSGNLLGRNS	245	>TP53-N268F SSGNLLGRFS	260	15
>TP53-N268F SSGNLLGRN	22930	>TP53-N268F SSGNLLGRF	137	22793
>TP53-N268F SSGNLLGRNS	390	>TP53-N268F SSGNLLGRFS	90	300
>TP53-N268F SSGNLLGRN	4065	>TP53-N268F SSGNLLGRF	15	4050
>TP53-N268F SSGNLLGRNS	32	>TP53-N268F SSGNLLGRFS	55	23
>TP53-N268F DSSGNLLGRN	19729	>TP53-N268F DSSGNLLGRF	64	19665
>TP53-N268F DSSGNLLGRN	19229	>TP53-N268F DSSGNLLGRF	230	18999
>TP53-N268F DSSGNLLGRN	17929	>TP53-N268F DSSGNLLGRF	156	17773
>TP53-N268F NSFEVRVCA	11704	>TP53-N268F HSFEVRVCA	428	11276
>TP53-N268F NSFEVRVCA	21	>TP53-N268F HSFEVRVCA	24	3
>TP53-N268F GRNSFEVR	405	>TP53-N268F GRHSFEVR	296	109
>TP53-N268F GRNSFEVRV	631	>TP53-N268F GRHSFEVRV	447	184
>TP53-N268F LGRNSFEVR	286	>TP53-N268F LGRHSFEVR	422	136
>TP53-N268F LLGRNSFEV	26	>TP53-N268F LLGRHSFEV	16	10
>TP53-N268F LLGRNSFEVR	137	>TP53-N268F LLGRHSFEVR	81	56
>TP53-N268F LLGRNSFEV	16	>TP53-N268F LLGRHSFEV	9	7
>TP53-N268F LLGRNSFEVR	62	>TP53-N268F LLGRHSFEVR	35	27
>TP53-N268F LLGRNSFEV	47	>TP53-N268F LLGRHSFEV	12	35
>TP53-N268F LLGRNSFEVR	214	>TP53-N268F LLGRHSFEVR	79	135
>TP53-N268F LLGRNSFEV	39	>TP53-N268F LLGRHSFEV	22	17
>TP53-N268F LLGRNSFEVR	582	>TP53-N268F LLGRHSFEVR	403	179
>TP53-N268F LLGRNSFEV	2	>TP53-N268F LLGRHSFEV	2	0
>TP53-N268F LLGRNSFEVR	3	>TP53-N268F LLGRHSFEVR	4	1
>TP53-N268F LLGRNSFEV	2	>TP53-N268F LLGRHSFEV	3	1
>TP53-N268F LLGRNSFEVR	7	>TP53-N268F LLGRHSFEVR	12	5
>TP53-N268F LLGRNSFEV	5	>TP53-N268F LLGRHSFEV	6	1
>TP53-N268F LLGRNSFEVR	9	>TP53-N268F LLGRHSFEVR	11	2
>TP53-N268F LLGRNSFEV	2	>TP53-N268F LLGRHSFEV	3	1
>TP53-N268F LLGRNSFEVR	6	>TP53-N268F LLGRHSFEVR	12	6

>TP53-N268I LLGRNSFEV	2	>TP53-N268I LLGRHSFEV	2	0
>TP53-N268I LLGRNSFEVR	2	>TP53-N268I LLGRHSFEVR	2	0
>TP53-N268I LLGRNSFEVR	429	>TP53-N268I LLGRHSFEVR	265	164
>TP53-N268I LLGRNSFEV	425	>TP53-N268I LLGRHSFEV	353	72
>TP53-N268I NLLGRNSFEV	29	>TP53-N268I NLLGRHSFEV	29	0
>TP53-N268I NLLGRNSFEV	89	>TP53-N268I NLLGRHSFEV	88	1
>TP53-N268I NLLGRNSFEV	94	>TP53-N268I NLLGRHSFEV	111	17
>TP53-N268I NLLGRNSFEV	137	>TP53-N268I NLLGRHSFEV	149	12
>TP53-N268I NLLGRNSFEV	3	>TP53-N268I NLLGRHSFEV	3	0
>TP53-N268I NLLGRNSFEV	5	>TP53-N268I NLLGRHSFEV	8	3
>TP53-N268I NLLGRNSFEV	7	>TP53-N268I NLLGRHSFEV	7	0
>TP53-N268I NLLGRNSFEV	3	>TP53-N268I NLLGRHSFEV	4	1
>TP53-N268I NLLGRNSFEV	3	>TP53-N268I NLLGRHSFEV	3	0
>TP53-N268I NLLGRNSFEV	502	>TP53-N268I NLLGRHSFEV	244	258
>TP53-N268I NLLGRNSFEV	109	>TP53-N268I NLLGRHSFEV	68	41
>TP53-N268I NLLGRNSFEV	309	>TP53-N268I NLLGRHSFEV	334	25
>TP53-N268I NLLGRNSFEV	52	>TP53-N268I NLLGRHSFEV	51	1
>TP53-N268I NLLGRNSF	501	>TP53-N268I NLLGRHSF	184	317
>TP53-N268I NLLGRNSF	65	>TP53-N268I NLLGRHSF	63	2
>TP53-N268I NLLGRNSF	418	>TP53-N268I NLLGRHSF	469	51
>TP53-N268I NLLGRNSFEV	195	>TP53-N268I NLLGRHSFEV	193	2
>TP53-N268I SGNLLGRNSF	311	>TP53-N268I SGNLLGRHSF	1595	1284
>TP53-N268I SSGNLLGRNS	245	>TP53-N268I SSGNLLGRHS	233	12
>TP53-N268I SSGNLLGRNS	390	>TP53-N268I SSGNLLGRHS	123	267
>TP53-N268I SSGNLLGRN	4065	>TP53-N268I SSGNLLGRH	269	3796
>TP53-N268I SSGNLLGRNS	32	>TP53-N268I SSGNLLGRHS	59	27
>TP53-N268I NSFVVRVCA	21	>TP53-N268I ISFVVRVCA	235	214
>TP53-N268I RNSFVVRV	12477	>TP53-N268I RISFVVRV	207	12270
>TP53-N268I RNSFVVRV	14349	>TP53-N268I RISFVVRV	84	14265
>TP53-N268I RNSFVVRV	13510	>TP53-N268I RISFVVRV	93	13417
>TP53-N268I RNSFVVRV	21592	>TP53-N268I RISFVVRV	45	21547
>TP53-N268I EDSSGNLLGR	27175	>TP53-N268I EDSSGNLLGR	221	26954
>TP53-N268I GRNSFVVR	405	>TP53-N268I GRISFVVR	195	210
>TP53-N268I GRNSFVVRV	631	>TP53-N268I GRISFVVRV	290	341
>TP53-N268I LGRNSFVVR	286	>TP53-N268I LGRISFVVR	312	26
>TP53-N268I LLGRNSFEV	26	>TP53-N268I LLGRISFEV	15	11
>TP53-N268I LLGRNSFEVR	137	>TP53-N268I LLGRISFEVRV	70	67
>TP53-N268I LLGRNSFEV	16	>TP53-N268I LLGRISFEV	7	9
>TP53-N268I LLGRNSFEVR	62	>TP53-N268I LLGRISFEVRV	26	36
>TP53-N268I LLGRNSFEV	47	>TP53-N268I LLGRISFEV	27	20
>TP53-N268I LLGRNSFEVR	214	>TP53-N268I LLGRISFEVRV	138	76
>TP53-N268I LLGRNSFEV	39	>TP53-N268I LLGRISFEV	31	8
>TP53-N268I LLGRNSFEVR	582	>TP53-N268I LLGRISFEVRV	424	158

>TP53-N268I LLGRNSFEV	2	>TP53-N268I LLGRISFEV	2	0
>TP53-N268I LLGRNSFEVR	3	>TP53-N268I LLGRISFEVRV	3	0
>TP53-N268I LLGRNSFEV	2	>TP53-N268I LLGRISFEV	3	1
>TP53-N268I LLGRNSFEVR	7	>TP53-N268I LLGRISFEVRV	10	3
>TP53-N268I LLGRNSFEV	5	>TP53-N268I LLGRISFEV	5	0
>TP53-N268I LLGRNSFEVR	9	>TP53-N268I LLGRISFEVRV	8	1
>TP53-N268I LLGRNSFEV	2	>TP53-N268I LLGRISFEV	2	0
>TP53-N268I LLGRNSFEVR	6	>TP53-N268I LLGRISFEVRV	6	0
>TP53-N268I LLGRNSFEV	2	>TP53-N268I LLGRISFEV	2	0
>TP53-N268I LLGRNSFEVR	2	>TP53-N268I LLGRISFEVRV	2	0
>TP53-N268I LLGRNSFEVR	429	>TP53-N268I LLGRISFEVR	242	187
>TP53-N268I LLGRNSFEV	425	>TP53-N268I LLGRISFEV	302	123
>TP53-N268I NLLGRNSFEV	29	>TP53-N268I NLLGRISFEV	18	11
>TP53-N268I NLLGRNSFEV	89	>TP53-N268I NLLGRISFEV	48	41
>TP53-N268I NLLGRNSFEV	94	>TP53-N268I NLLGRISFEV	54	40
>TP53-N268I NLLGRNSFEV	137	>TP53-N268I NLLGRISFEV	61	76
>TP53-N268I NLLGRNSFEV	3	>TP53-N268I NLLGRISFEV	2	1
>TP53-N268I NLLGRNSFEV	5	>TP53-N268I NLLGRISFEV	4	1
>TP53-N268I NLLGRNSFEV	7	>TP53-N268I NLLGRISFEV	5	2
>TP53-N268I NLLGRNSFEV	3	>TP53-N268I NLLGRISFEV	2	1
>TP53-N268I NLLGRNSFEV	3	>TP53-N268I NLLGRISFEV	2	1
>TP53-N268I NLLGRNSFEV	502	>TP53-N268I NLLGRISFEVF	328	174
>TP53-N268I NLLGRNSFEV	109	>TP53-N268I NLLGRISFEVF	90	19
>TP53-N268I NLLGRNSFEV	309	>TP53-N268I NLLGRISFEVF	323	14
>TP53-N268I NLLGRNSFEV	52	>TP53-N268I NLLGRISFEV	39	13
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>TP53-N268I SSGNLLGRNS	245	>TP53-N268I SSGNLLGRISF	263	18
>TP53-N268I SSGNLLGRNS	390	>TP53-N268I SSGNLLGRISF	151	239
>TP53-N268I SSGNLLGRN	4065	>TP53-N268I SSGNLLGRI	293	3772
>TP53-N268I SSGNLLGRNS	32	>TP53-N268I SSGNLLGRISF	72	40
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>TP53-N268I NSFEVRVCA	21	>TP53-N268I SSFEVRVCA	55	34
>TP53-N268I RNSFEVRV	21543	>TP53-N268I RSSFEVRV	155	21388
>TP53-N268I GRNSFEVR	405	>TP53-N268I GRSSFEVR	508	103
>TP53-N268I LGRNSFEVR	286	>TP53-N268I LGRSSFEVR	200	86
>TP53-N268I LLGRNSFEV	26	>TP53-N268I LLGRSSFEV	21	5
>TP53-N268I LLGRNSFEVR	137	>TP53-N268I LLGRSSFEVR	111	26
>TP53-N268I LLGRNSFEV	16	>TP53-N268I LLGRSSFEV	13	3
>TP53-N268I LLGRNSFEVR	62	>TP53-N268I LLGRSSFEVR	49	13
>TP53-N268I LLGRNSFEV	47	>TP53-N268I LLGRSSFEV	29	18

>TP53-N268 $\S$ LLGRNSFEVR	214	>TP53-N268 $\S$ LLGRSSFEVR\	149	65
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>TP53-N268 $\S$ LLGRNSFEV	2	>TP53-N268 $\S$ LLGRSSFEV	2	0
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>TP53-N268 $\S$ NLLGRNSFEV	7	>TP53-N268 $\S$ NLLGRSSFEV	6	1
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>TP53-N268 $\S$ NLLGRNSFEV	195	>TP53-N268 $\S$ NLLGRSSFEV	215	20
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>TP53-N288  RTEEENLRKK	174	>TP53-N288  RTEEEDLRKK	945	771
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>TP53-P128AYSPALNKMFC	43	>TP53-P128AYSAALNKMFC	5	38
>TP53-P128AYSPALNKM	3893	>TP53-P128AYSAALNKM	466	3427

>TP53-P128 <sup>A</sup> YSPALNKM	15948	>TP53-P128 <sup>A</sup> YSAALNKM	363	15585
>TP53-P128 <sup>A</sup> YSPALNKMF	12049	>TP53-P128 <sup>A</sup> YSAALNKMF	165	11884
>TP53-P128 <sup>A</sup> YSPALNKM	40	>TP53-P128 <sup>A</sup> YSAALNKM	2426	2386
>TP53-P128 <sup>A</sup> YSPALNKMF	3	>TP53-P128 <sup>A</sup> YSAALNKMF	62	59
>TP53-P128 <sup>A</sup> YSPALNKMFC	22	>TP53-P128 <sup>A</sup> YSAALNKMFC	1321	1299
>TP53-P128 <sup>A</sup> YSPALNKMFC	124	>TP53-P128 <sup>A</sup> YSAALNKMFC	7997	7873
>TP53-P128 <sup>A</sup> YSPALNKM	67	>TP53-P128 <sup>A</sup> YSAALNKM	13	54
>TP53-P128 <sup>A</sup> YSPALNKMF	103	>TP53-P128 <sup>A</sup> YSAALNKMF	9	94
>TP53-P128 <sup>A</sup> TYSPALNKM	136	>TP53-P128 <sup>A</sup> TYSAALNKM	59	77
>TP53-P128 <sup>A</sup> TYSPALNK	220	>TP53-P128 <sup>A</sup> TYSAALNK	188	32
>TP53-P128 <sup>A</sup> TYSPALNKMF	179	>TP53-P128 <sup>A</sup> TYSAALNKMI	120	59
>TP53-P128 <sup>A</sup> TYSPALNKMF	64	>TP53-P128 <sup>A</sup> TYSAALNKMI	62	2
>TP53-P128 <sup>A</sup> TYSPALNKM	27	>TP53-P128 <sup>A</sup> TYSAALNKM	50	23
>TP53-P128 <sup>A</sup> TYSPALNKMF	5	>TP53-P128 <sup>A</sup> TYSAALNKMI	5	0
>TP53-P128 <sup>A</sup> TYSPALNKMF	586	>TP53-P128 <sup>A</sup> TYSAALNKMI	378	208
>TP53-P128 <sup>A</sup> TYSPALNK	222	>TP53-P128 <sup>A</sup> TYSAALNK	156	66
>TP53-P128 <sup>A</sup> TYSPALNKMF	439	>TP53-P128 <sup>A</sup> TYSAALNKMI	690	251
>TP53-P128 <sup>A</sup> CTYSPALNK	30	>TP53-P128 <sup>A</sup> CTYSAALNK	34	4
>TP53-P128 <sup>A</sup> CTYSPALNK	11	>TP53-P128 <sup>A</sup> CTYSAALNK	17	6
>TP53-P128 <sup>A</sup> CTYSPALNKM	343	>TP53-P128 <sup>A</sup> CTYSAALNKM	182	161
>TP53-P128 <sup>A</sup> CTYSPALNKM	63	>TP53-P128 <sup>A</sup> CTYSAALNKM	87	24
>TP53-P128 <sup>A</sup> CTYSPALNKM	380	>TP53-P128 <sup>A</sup> CTYSAALNKM	714	334
>TP53-P128 <sup>A</sup> CTYSPALNKM	246	>TP53-P128 <sup>A</sup> CTYSAALNKM	460	214
>TP53-P128 <sup>A</sup> CTYSPALNK	215	>TP53-P128 <sup>A</sup> CTYSAALNK	47	168
>TP53-P128 <sup>A</sup> CTYSPALNK	30	>TP53-P128 <sup>A</sup> CTYSAALNK	12	18
>TP53-P128 <sup>A</sup> CTYSPALNKM	488	>TP53-P128 <sup>A</sup> CTYSAALNKM	764	276
>TP53-P128 <sup>A</sup> CTYSPALNKM	23	>TP53-P128 <sup>A</sup> CTYSAALNKM	27	4
>TP53-P128 <sup>A</sup> CTYSPALNKM	24	>TP53-P128 <sup>A</sup> CTYSAALNKM	28	4
>TP53-P128 <sup>A</sup> CTYSPALNKM	5	>TP53-P128 <sup>A</sup> CTYSAALNKM	5	0
>TP53-P128 <sup>A</sup> CTYSPALNKM	627	>TP53-P128 <sup>A</sup> CTYSAALNKM	391	236
>TP53-P128 <sup>A</sup> CTYSPALNKM	76	>TP53-P128 <sup>A</sup> CTYSAALNKM	84	8
>TP53-P128 <sup>A</sup> CTYSPALNKM	146	>TP53-P128 <sup>A</sup> CTYSAALNKM	145	1
>TP53-P128 <sup>A</sup> CTYSPALNKM	30	>TP53-P128 <sup>A</sup> CTYSAALNKM	24	6
>TP53-P128 <sup>A</sup> CTYSPALNKM	13	>TP53-P128 <sup>A</sup> CTYSAALNKM	21	8
>TP53-P128 <sup>A</sup> CTYSPALNK	572	>TP53-P128 <sup>A</sup> CTYSAALNK	401	171
>TP53-P128 <sup>A</sup> CTYSPALNKM	358	>TP53-P128 <sup>A</sup> CTYSAALNKM	396	38
>TP53-P128 <sup>A</sup> TCTYSPALNK	453	>TP53-P128 <sup>A</sup> TCTYSAALNK	268	185
>TP53-P128 <sup>A</sup> VTCTYSPA	415	>TP53-P128 <sup>A</sup> VTCTYSAA	1042	627
>TP53-P128 <sup>A</sup> VTCTYSPAL	2627	>TP53-P128 <sup>A</sup> VTCTYSAAL	466	2161
>TP53-P128 <sup>A</sup> VTCTYSPAL	397	>TP53-P128 <sup>A</sup> VTCTYSAAL	703	306
>TP53-P128 <sup>A</sup> VTCTYSPALN	80	>TP53-P128 <sup>A</sup> VTCTYSAALN	85	5
>TP53-P128 <sup>A</sup> VTCTYSPALN	14	>TP53-P128 <sup>A</sup> VTCTYSAALN	16	2
>TP53-P128 <sup>A</sup> VTCTYSPALN	146	>TP53-P128 <sup>A</sup> VTCTYSAALN	116	30

>TP53-P128 <sup>A</sup> VTCTYSPALN	490	>TP53-P128 <sup>A</sup> VTCTYSAALN	300	190
>TP53-P128 <sup>A</sup> VTCTYSPAL	12	>TP53-P128 <sup>A</sup> VTCTYSAAL	7	5
>TP53-P128 <sup>A</sup> VTCTYSPAL	66	>TP53-P128 <sup>A</sup> VTCTYSAAL	46	20
>TP53-P128 <sup>A</sup> VTCTYSPAL	951	>TP53-P128 <sup>A</sup> VTCTYSAAL	372	579
>TP53-P128 <sup>A</sup> SVTCTYSPAL	874	>TP53-P128 <sup>A</sup> SVTCTYSAAL	433	441
>TP53-P128 <sup>A</sup> SVTCTYSPA	118	>TP53-P128 <sup>A</sup> SVTCTYSAA	205	87
>TP53-P128 <sup>A</sup> SVTCTYSP	13014	>TP53-P128 <sup>A</sup> SVTCTYSA	453	12561
>TP53-P128 <sup>A</sup> SVTCTYSPA	468	>TP53-P128 <sup>A</sup> SVTCTYSAA	661	193
>TP53-P128 <sup>A</sup> SVTCTYSPAL	268	>TP53-P128 <sup>A</sup> SVTCTYSAAL	545	277
>TP53-P128 <sup>A</sup> SVTCTYSPA	241	>TP53-P128 <sup>A</sup> SVTCTYSAA	841	600
>TP53-P128 <sup>A</sup> SVTCTYSP	7650	>TP53-P128 <sup>A</sup> SVTCTYSA	58	7592
>TP53-P128 <sup>A</sup> SVTCTYSPA	45	>TP53-P128 <sup>A</sup> SVTCTYSAA	147	102
>TP53-P128 <sup>A</sup> SVTCTYSPAL	1417	>TP53-P128 <sup>A</sup> SVTCTYSAAL	323	1094
>TP53-P128 <sup>A</sup> SVTCTYSPAL	149	>TP53-P128 <sup>A</sup> SVTCTYSAAL	296	147
>TP53-P128 <sup>A</sup> KSVTCTYSPA	821	>TP53-P128 <sup>A</sup> KSVTCTYSAA	248	573
>TP53-P128 <sup>A</sup> KSVTCTYSPA	396	>TP53-P128 <sup>A</sup> KSVTCTYSAA	541	145
>TP53-P128 <sup>A</sup> KSVTCTYSPA	149	>TP53-P128 <sup>A</sup> KSVTCTYSAA	365	216
>TP53-P128 <sup>A</sup> KSVTCTYSPA	488	>TP53-P128 <sup>A</sup> KSVTCTYSAA	827	339
>TP53-P128 <sup>A</sup> KSVTCTYSPA	107	>TP53-P128 <sup>A</sup> KSVTCTYSAA	67	40
>TP53-P128 <sup>A</sup> KSVTCTYSPA	349	>TP53-P128 <sup>A</sup> KSVTCTYSAA	316	33
>TP53-P128 <sup>A</sup> KSVTCTYSPA	89	>TP53-P128 <sup>A</sup> KSVTCTYSAA	84	5
>TP53-P128 <sup>A</sup> KSVTCTYSPA	6	>TP53-P128 <sup>A</sup> KSVTCTYSAA	5	1
>TP53-P128 <sup>A</sup> KSVTCTYSPA	669	>TP53-P128 <sup>A</sup> KSVTCTYSAA	457	212
>TP53-P128 <sup>A</sup> KSVTCTYSPA	113	>TP53-P128 <sup>A</sup> KSVTCTYSAA	103	10
>TP53-P128 <sup>A</sup> KSVTCTYSPA	198	>TP53-P128 <sup>A</sup> KSVTCTYSAA	181	17
>TP53-P128 <sup>A</sup> KSVTCTYSPA	882	>TP53-P128 <sup>A</sup> KSVTCTYSAA	460	422
>TP53-P128 <sup>A</sup> KSVTCTYSPA	766	>TP53-P128 <sup>A</sup> KSVTCTYSAA	469	297
>TP53-P128 <sup>A</sup> AKSVTCTYSP	483	>TP53-P128 <sup>A</sup> AKSVTCTYSA	141	342
>TP53-P128 <sup>A</sup> AKSVTCTYSP	56	>TP53-P128 <sup>A</sup> AKSVTCTYSA	58	2
>TP53-P128L PALNKMFCQ	12830	>TP53-P128L LALNKMFCQ	271	12559
>TP53-P128L PALNKMFCQ	5785	>TP53-P128L LALNKMFCQ	73	5712
>TP53-P128L SPALNKMFC	432	>TP53-P128L SLALNKMFC	36687	36255
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>TP53-P128L SPALNKMFC	21609	>TP53-P128L SLALNKMFC	25	21584
>TP53-P128L SPALNKMFC	22001	>TP53-P128L SLALNKMFC	129	21872
>TP53-P128L SPALNKMFC	23337	>TP53-P128L SLALNKMFC	42	23295
>TP53-P128L SPALNKMFC	24187	>TP53-P128L SLALNKMFC	189	23998
>TP53-P128L SPALNKMFC	19928	>TP53-P128L SLALNKMFC	17	19911
>TP53-P128L SPALNKMFC	24378	>TP53-P128L SLALNKMFC	92	24286
>TP53-P128L SPALNKMFC	36810	>TP53-P128L SLALNKMFC	65	36745
>TP53-P128L SPALNKMFC	26387	>TP53-P128L SLALNKMFC	4	26383
>TP53-P128L SPALNKMFC	100	>TP53-P128L SLALNKMFC	20928	20828
>TP53-P128L SPALNKMFC	41	>TP53-P128L SLALNKMFC	9914	9873

>TP53-P128L SPALNKMFC	372	>TP53-P128L SLALNKMFC	373	1
>TP53-P128L SPALNKM	5642	>TP53-P128L SLALNKM	372	5270
>TP53-P128L SPALNKM	2836	>TP53-P128L SLALNKM	402	2434
>TP53-P128L SPALNKM	326	>TP53-P128L SLALNKM	8492	8166
>TP53-P128L SPALNKM	450	>TP53-P128L SLALNKM	13630	13180
>TP53-P128L TAKSVTCTYSI	14054	>TP53-P128L TAKSVTCTYSI	218	13836
>TP53-P128L YSPALNKM	2026	>TP53-P128L YSLALNKM	494	1532
>TP53-P128L YSPALNKM	384	>TP53-P128L YSLALNKM	629	245
>TP53-P128L YSPALNKM	717	>TP53-P128L YSLALNKM	465	252
>TP53-P128L YSPALNKM	1020	>TP53-P128L YSLALNKM	434	586
>TP53-P128L YSPALNKM	4100	>TP53-P128L YSLALNKM	340	3760
>TP53-P128L YSPALNKM	104	>TP53-P128L YSLALNKM	14	90
>TP53-P128L YSPALNKM	586	>TP53-P128L YSLALNKM	13	573
>TP53-P128L YSPALNKM	43	>TP53-P128L YSLALNKM	4	39
>TP53-P128L YSPALNKM	12049	>TP53-P128L YSLALNKM	353	11696
>TP53-P128L YSPALNKM	40	>TP53-P128L YSLALNKM	10622	10582
>TP53-P128L YSPALNKM	3	>TP53-P128L YSLALNKM	1042	1039
>TP53-P128L YSPALNKMFC	22	>TP53-P128L YSLALNKMFC	5772	5750
>TP53-P128L YSPALNKMFC	124	>TP53-P128L YSLALNKMFC	17856	17732
>TP53-P128L YSPALNKM	67	>TP53-P128L YSLALNKM	23	44
>TP53-P128L YSPALNKM	103	>TP53-P128L YSLALNKM	8	95
>TP53-P128L TYSPALNKM	136	>TP53-P128L TYSLALNKM	575	439
>TP53-P128L TYSPALNK	220	>TP53-P128L TYSLALNK	284	64
>TP53-P128L TYSPALNKM	179	>TP53-P128L TYSLALNKM	129	50
>TP53-P128L TYSPALNKM	64	>TP53-P128L TYSLALNKM	63	1
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>TP53-P128L TYSPALNKM	5	>TP53-P128L TYSLALNKM	8	3
>TP53-P128L TYSPALNKM	586	>TP53-P128L TYSLALNKM	322	264
>TP53-P128L TYSPALNK	222	>TP53-P128L TYSLALNK	500	278
>TP53-P128L TYSPALNKM	439	>TP53-P128L TYSLALNKM	1003	564
>TP53-P128L CTYSPALNK	30	>TP53-P128L CTYSLALNK	35	5
>TP53-P128L CTYSPALNK	11	>TP53-P128L CTYSLALNK	13	2
>TP53-P128L CTYSPALNKM	343	>TP53-P128L CTYSLALNKM	207	136
>TP53-P128L CTYSPALNKM	63	>TP53-P128L CTYSLALNKM	142	79
>TP53-P128L CTYSPALNKM	380	>TP53-P128L CTYSLALNKM	1152	772
>TP53-P128L CTYSPALNKM	246	>TP53-P128L CTYSLALNKM	413	167
>TP53-P128L CTYSPALNK	215	>TP53-P128L CTYSLALNK	180	35
>TP53-P128L CTYSPALNKM	767	>TP53-P128L CTYSLALNKM	365	402
>TP53-P128L CTYSPALNK	30	>TP53-P128L CTYSLALNK	17	13
>TP53-P128L CTYSPALNKM	488	>TP53-P128L CTYSLALNKM	1075	587
>TP53-P128L CTYSPALNKM	23	>TP53-P128L CTYSLALNKM	38	15
>TP53-P128L CTYSPALNKM	24	>TP53-P128L CTYSLALNKM	36	12
>TP53-P128L CTYSPALNKM	5	>TP53-P128L CTYSLALNKM	5	0

>TP53-P128L CTYSPALNKM	627	>TP53-P128L CTYSLALNKM	290	337
>TP53-P128L CTYSPALNKM	76	>TP53-P128L CTYSLALNKM	142	66
>TP53-P128L CTYSPALNKM	146	>TP53-P128L CTYSLALNKM	217	71
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>TP53-P128L CTYSPALNKM	13	>TP53-P128L CTYSLALNKM	14	1
>TP53-P128L CTYSPALNK	572	>TP53-P128L CTYSLALNK	253	319
>TP53-P128L CTYSPALNKM	358	>TP53-P128L CTYSLALNKM	647	289
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>TP53-P128L VTCTYSPAL	397	>TP53-P128L VTCTYSLAL	701	304
>TP53-P128L VTCTYSPALN	80	>TP53-P128L VTCTYSLALNI	72	8
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>TP53-P128L VTCTYSPAL	66	>TP53-P128L VTCTYSLAL	104	38
>TP53-P128L SVTCTYSP	15733	>TP53-P128L SVTCTYSL	193	15540
>TP53-P128L SVTCTYSPAL	874	>TP53-P128L SVTCTYSLAL	364	510
>TP53-P128L SVTCTYSPA	118	>TP53-P128L SVTCTYSLA	260	142
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>TP53-P128L SVTCTYSPA	468	>TP53-P128L SVTCTYSLA	1258	790
>TP53-P128L SVTCTYSPAL	268	>TP53-P128L SVTCTYSLAL	259	9
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>TP53-P128L SVTCTYSPA	241	>TP53-P128L SVTCTYSLA	688	447
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>TP53-P128L SVTCTYSPA	45	>TP53-P128L SVTCTYSLA	133	88
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>TP53-P128L KSVTCTYSPA	396	>TP53-P128L KSVTCTYSLAI	629	233
>TP53-P128L KSVTCTYSPA	149	>TP53-P128L KSVTCTYSLA	320	171
>TP53-P128L KSVTCTYSPA	488	>TP53-P128L KSVTCTYSLAI	730	242
>TP53-P128L KSVTCTYSP	1211	>TP53-P128L KSVTCTYSL	15	1196
>TP53-P128L KSVTCTYSPA	107	>TP53-P128L KSVTCTYSLAI	46	61
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>TP53-P128L KSVTCTYSPA	349	>TP53-P128L KSVTCTYSLA	1445	1096
>TP53-P128L KSVTCTYSPA	89	>TP53-P128L KSVTCTYSLAI	67	22
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>TP53-P128L KSVTCTYSPA	6	>TP53-P128L KSVTCTYSLAI	5	1
>TP53-P128L KSVTCTYSP	9076	>TP53-P128L KSVTCTYSL	248	8828
>TP53-P128L KSVTCTYSP	9585	>TP53-P128L KSVTCTYSL	35	9550
>TP53-P128L KSVTCTYSPA	113	>TP53-P128L KSVTCTYSLAI	64	49
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>TP53-P128L KSVTCTYSP	24615	>TP53-P128L KSVTCTYSL	330	24285
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>TP53-P128L AKSVTCTYSP	56	>TP53-P128L AKSVTCTYSL	169	113
>TP53-P128L AKSVTCTYSP	19966	>TP53-P128L AKSVTCTYSL	277	19689
>TP53-P128S PALNKMFCQ	12830	>TP53-P128S SALNKMFCQ	279	12551
>TP53-P128S PALNKMFCQ	7546	>TP53-P128S SALNKMFCQ	417	7129
>TP53-P128S PALNKMFCQ	5785	>TP53-P128S SALNKMFCQ	138	5647
>TP53-P128S SPALNKMFCQ	432	>TP53-P128S SSALNKMFCQ	34289	33857
>TP53-P128S SPALNKMFC	100	>TP53-P128S SSALNKMFC	22918	22818
>TP53-P128S SPALNKMFCQ	41	>TP53-P128S SSALNKMFCQ	14881	14840
>TP53-P128S SPALNKMFCQ	372	>TP53-P128S SSALNKMFCQ	3021	2649
>TP53-P128S SPALNKMFC	2836	>TP53-P128S SSALNKMFC	295	2541
>TP53-P128S SPALNKMFC	16115	>TP53-P128S SSALNKMFC	13	16102
>TP53-P128S SPALNKMFCQ	20131	>TP53-P128S SSALNKMFCQ	80	20051
>TP53-P128S SPALNKMFC	326	>TP53-P128S SSALNKMFC	7042	6716
>TP53-P128S SPALNKMFC	9626	>TP53-P128S SSALNKMFC	266	9360
>TP53-P128S SPALNKMFC	450	>TP53-P128S SSALNKMFC	16430	15980
>TP53-P128S YSPALNKMFC	384	>TP53-P128S YSSALNKMFC	2477	2093
>TP53-P128S YSPALNKMFC	1020	>TP53-P128S YSSALNKMFC	164	856
>TP53-P128S YSPALNKMFC	104	>TP53-P128S YSSALNKMFC	21	83
>TP53-P128S YSPALNKMFC	586	>TP53-P128S YSSALNKMFC	22	564
>TP53-P128S YSPALNKMFC	43	>TP53-P128S YSSALNKMFC	5	38
>TP53-P128S YSPALNKMFC	12049	>TP53-P128S YSSALNKMFC	304	11745
>TP53-P128S YSPALNKMFC	40	>TP53-P128S YSSALNKMFC	9484	9444
>TP53-P128S YSPALNKMFC	3	>TP53-P128S YSSALNKMFC	162	159
>TP53-P128S YSPALNKMFCQ	22	>TP53-P128S YSSALNKMFCQ	2226	2204
>TP53-P128S YSPALNKMFCQ	124	>TP53-P128S YSSALNKMFCQ	11052	10928
>TP53-P128S YSPALNKMFC	67	>TP53-P128S YSSALNKMFC	14	53
>TP53-P128S YSPALNKMFC	103	>TP53-P128S YSSALNKMFC	8	95
>TP53-P128S TYSPALNKMFC	136	>TP53-P128S TYSSALNKMFC	153	17
>TP53-P128S TYSPALNKMFC	220	>TP53-P128S TYSSALNKMFC	211	9
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>TP53-P128S TYSPALNKMFC	222	>TP53-P128S TYSSALNKMFC	292	70
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>TP53-P128S VTCTYSPALN	146	>TP53-P128S VTCTYSSALN	168	22
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>TP53-P128S KSVTCTYSPAI	396	>TP53-P128S KSVTCTYSSAI	765	369
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>TP53-P142AQLAKTCPVQL	323	>TP53-P142AQLAKTCAVQI	672	349
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>TP53-P142AQLAKTCPVQL	343	>TP53-P142AQLAKTCAVQI	272	71
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>TP53-P142F QLAKTCPV	10	>TP53-P142F QLAKTCHV	11	1
>TP53-P142F QLAKTCPVQL	117	>TP53-P142F QLAKTCHVQI	212	95
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>TP53-P142F QLAKTCPV	60	>TP53-P142F QLAKTCHV	252	192
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>TP53-P142F CQLAKTCPV	121	>TP53-P142F CQLAKTCHV	485	364
>TP53-P142F CQLAKTCPV	173	>TP53-P142F CQLAKTCHV	570	397
>TP53-P142F CQLAKTCPV	22	>TP53-P142F CQLAKTCHV	39	17
>TP53-P142F CQLAKTCPVC	463	>TP53-P142F CQLAKTCHVC	374	89
>TP53-P142F CQLAKTCPV	136	>TP53-P142F CQLAKTCHV	257	121
>TP53-P142F CQLAKTCPV	77	>TP53-P142F CQLAKTCHV	150	73
>TP53-P142F CQLAKTCPV	457	>TP53-P142F CQLAKTCHV	226	231
>TP53-P142F CQLAKTCPV	268	>TP53-P142F CQLAKTCHV	701	433
>TP53-P142F CQLAKTCPVC	155	>TP53-P142F CQLAKTCHVC	177	22
>TP53-P142F CQLAKTCPVC	231	>TP53-P142F CQLAKTCHVC	487	256
>TP53-P142F FCQLAKTCPV	443	>TP53-P142F FCQLAKTCHV	382	61
>TP53-P142L KMFCQLAKT(	14273	>TP53-P142L KMFCQLAKT(	37	14236
>TP53-P142L KMFCQLAKT(	3651	>TP53-P142L KMFCQLAKT(	12	3639
>TP53-P142L KMFCQLAKT(	6128	>TP53-P142L KMFCQLAKT(	53	6075
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>TP53-P142L KTCPVQLWV	125	>TP53-P142L KTCLVQLWV	748	623
>TP53-P142L KTCPVQLWV	53	>TP53-P142L KTCLVQLWV	286	233
>TP53-P142L KTCPVQLWV	338	>TP53-P142L KTCLVQLWV	1434	1096
>TP53-P142L KTCPVQLWV	202	>TP53-P142L KTCLVQLWV	2668	2466
>TP53-P142L KTCPVQLWV	224	>TP53-P142L KTCLVQLWV	576	352
>TP53-P142L KTCPVQLW	165	>TP53-P142L KTCLVQLW	110	55
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>TP53-P142L KTCPVQLWV	118	>TP53-P142L KTCLVQLWV	354	236
>TP53-P142L KTCPVQLW	34	>TP53-P142L KTCLVQLW	50	16

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>TP53-P142L AKTCPVQL	41	>TP53-P142L AKTCLVQL	110	69
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>TP53-P142L LAKTCPVQLV	830	>TP53-P142L LAKTCLVQLM	486	344
>TP53-P142L LAKTCPVQLV	482	>TP53-P142L LAKTCLVQLM	425	57
>TP53-P142L LAKTCPVQL	417	>TP53-P142L LAKTCLVQL	845	428
>TP53-P142L LAKTCPVQL	405	>TP53-P142L LAKTCLVQL	326	79
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>TP53-P142L LAKTCPVQLV	42	>TP53-P142L LAKTCLVQLM	45	3
>TP53-P142L LAKTCPVQLV	42	>TP53-P142L LAKTCLVQLM	40	2
>TP53-P142L LAKTCPVQLV	689	>TP53-P142L LAKTCLVQLM	194	495
>TP53-P142L QLAKTCPV	58	>TP53-P142L QLAKTCLV	82	24
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>TP53-P142L QLAKTCPVQL	315	>TP53-P142L QLAKTCLVQL	205	110
>TP53-P142L QLAKTCPV	10	>TP53-P142L QLAKTCLV	15	5
>TP53-P142L QLAKTCPVQL	383	>TP53-P142L QLAKTCLVQL	278	105
>TP53-P142L QLAKTCPV	37	>TP53-P142L QLAKTCLV	87	50
>TP53-P142L QLAKTCPV	14	>TP53-P142L QLAKTCLV	25	11
>TP53-P142L QLAKTCPVQL	323	>TP53-P142L QLAKTCLVQL	445	122
>TP53-P142L QLAKTCPV	30	>TP53-P142L QLAKTCLV	85	55
>TP53-P142L QLAKTCPV	10	>TP53-P142L QLAKTCLV	15	5
>TP53-P142L QLAKTCPVQL	177	>TP53-P142L QLAKTCLVQL	274	97
>TP53-P142L QLAKTCPV	10	>TP53-P142L QLAKTCLV	18	8
>TP53-P142L QLAKTCPVQL	117	>TP53-P142L QLAKTCLVQL	179	62
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>TP53-P142L QLAKTCPVQL	20	>TP53-P142L QLAKTCLVQL	15	5
>TP53-P142L QLAKTCPV	217	>TP53-P142L QLAKTCLV	453	236
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>TP53-P142L CQLAKTCPV	121	>TP53-P142L CQLAKTCLV	164	43
>TP53-P142L CQLAKTCPV	173	>TP53-P142L CQLAKTCLV	340	167
>TP53-P142L CQLAKTCPV	22	>TP53-P142L CQLAKTCLV	36	14
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>TP53-P142L CQLAKTCPV	136	>TP53-P142L CQLAKTCLV	287	151
>TP53-P142L CQLAKTCPV	77	>TP53-P142L CQLAKTCLV	385	308
>TP53-P142L CQLAKTCPV	457	>TP53-P142L CQLAKTCLV	530	73
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>TP53-P142L CQLAKTCPV	268	>TP53-P142L CQLAKTCLV	1271	1003
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>TP53-P142L CQLAKTCPVC	231	>TP53-P142L CQLAKTCLVC	614	383
>TP53-P142L FCQLAKTCPV	443	>TP53-P142L FCQLAKTCLV	327	116

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>TP53-P142S KTCPVQLWV	338	>TP53-P142S KTCSVQLWV	506	168
>TP53-P142S KTCPVQLWV	202	>TP53-P142S KTCSVQLWV	665	463
>TP53-P142S KTCPVQLWV	224	>TP53-P142S KTCSVQLWV	419	195
>TP53-P142S KTCPVQLW	165	>TP53-P142S KTCSVQLW	98	67
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>TP53-P142S KTCPVQLWV	118	>TP53-P142S KTCSVQLWV	484	366
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>TP53-P142S KTCPVQLW	10	>TP53-P142S KTCSVQLW	11	1
>TP53-P142S KTCPVQLWV	254	>TP53-P142S KTCSVQLWV	117	137
>TP53-P142S KTCPVQLWV	272	>TP53-P142S KTCSVQLWV	892	620
>TP53-P142S AKTCPVQL	41	>TP53-P142S AKTCSVQL	25	16
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>TP53-P142S AKTCPVQLW	503	>TP53-P142S AKTCSVQLW	230	273
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>TP53-P142S LAKTCPVQL	405	>TP53-P142S LAKTCSVQL	136	269
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>TP53-P142S LAKTCPVQLV	42	>TP53-P142S LAKTCSVQLV	44	2
>TP53-P142S LAKTCPVQLV	42	>TP53-P142S LAKTCSVQLV	34	8
>TP53-P142S LAKTCPVQLV	689	>TP53-P142S LAKTCSVQLV	172	517
>TP53-P142S QLAKTCPV	58	>TP53-P142S QLAKTCSV	138	80
>TP53-P142S QLAKTCPV	13	>TP53-P142S QLAKTCSV	12	1
>TP53-P142S QLAKTCPVQL	315	>TP53-P142S QLAKTCSVQL	352	37
>TP53-P142S QLAKTCPV	10	>TP53-P142S QLAKTCSV	10	0
>TP53-P142S QLAKTCPVQL	383	>TP53-P142S QLAKTCSVQL	727	344
>TP53-P142S QLAKTCPV	37	>TP53-P142S QLAKTCSV	86	49
>TP53-P142S QLAKTCPV	14	>TP53-P142S QLAKTCSV	17	3
>TP53-P142S QLAKTCPVQL	323	>TP53-P142S QLAKTCSVQL	648	325
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>TP53-P142S QLAKTCPV	10	>TP53-P142S QLAKTCSV	15	5
>TP53-P142S QLAKTCPVQL	177	>TP53-P142S QLAKTCSVQL	321	144
>TP53-P142S QLAKTCPV	10	>TP53-P142S QLAKTCSV	9	1
>TP53-P142S QLAKTCPVQL	117	>TP53-P142S QLAKTCSVQL	158	41
>TP53-P142S QLAKTCPV	3	>TP53-P142S QLAKTCSV	3	0
>TP53-P142S QLAKTCPVQL	20	>TP53-P142S QLAKTCSVQL	17	3
>TP53-P142S QLAKTCPV	217	>TP53-P142S QLAKTCSV	441	224
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>TP53-P142S QLAKTCPVQL	343	>TP53-P142S QLAKTCSVQL	300	43
>TP53-P142S CQLAKTCPV	121	>TP53-P142S CQLAKTCSV	228	107
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>TP53-P142S CQLAKTCPV	136	>TP53-P142S CQLAKTCSV	147	11
>TP53-P142S CQLAKTCPV	77	>TP53-P142S CQLAKTCSV	178	101
>TP53-P142S CQLAKTCPV	457	>TP53-P142S CQLAKTCSV	607	150
>TP53-P142S CQLAKTCPV	720	>TP53-P142S CQLAKTCSV	410	310
>TP53-P142S CQLAKTCPV	268	>TP53-P142S CQLAKTCSV	282	14
>TP53-P142S CQLAKTCPVC	155	>TP53-P142S CQLAKTCSV	144	11
>TP53-P142S CQLAKTCPVC	231	>TP53-P142S CQLAKTCSV	230	1
>TP53-P142S FCQLAKTCPV	443	>TP53-P142S FCQLAKTCSV	219	224
>TP53-P142S MFCQLAKTCI	679	>TP53-P142S MFCQLAKTCI	342	337
>TP53-P142T KMFCQLAKTCI	14273	>TP53-P142T KMFCQLAKTCI	488	13785
>TP53-P142T KMFCQLAKTCI	6128	>TP53-P142T KMFCQLAKTCI	308	5820
>TP53-P142T KMFCQLAKTCI	5136	>TP53-P142T KMFCQLAKTCI	248	4888
>TP53-P142T KMFCQLAKTCI	4667	>TP53-P142T KMFCQLAKTCI	378	4289
>TP53-P142T KTCPVQLWV	125	>TP53-P142T KTCTVQLWV	499	374
>TP53-P142T KTCPVQLWV	53	>TP53-P142T KTCTVQLWV	135	82
>TP53-P142T KTCPVQLWV	338	>TP53-P142T KTCTVQLWV	1066	728
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>TP53-P142T KTCPVQLWV	224	>TP53-P142T KTCTVQLWV	358	134
>TP53-P142T KTCPVQLW	165	>TP53-P142T KTCTVQLW	95	70
>TP53-P142T KTCPVQLW	4	>TP53-P142T KTCTVQLW	8	4
>TP53-P142T KTCPVQLWV	118	>TP53-P142T KTCTVQLWV	658	540
>TP53-P142T KTCPVQLW	34	>TP53-P142T KTCTVQLW	48	14
>TP53-P142T KTCPVQLW	10	>TP53-P142T KTCTVQLW	11	1
>TP53-P142T KTCPVQLWV	254	>TP53-P142T KTCTVQLWV	354	100
>TP53-P142T KTCPVQLWV	272	>TP53-P142T KTCTVQLWV	1196	924
>TP53-P142T AKTCPVQL	41	>TP53-P142T AKTCTVQL	35	6
>TP53-P142T AKTCPVQLW	192	>TP53-P142T AKTCTVQLW	97	95
>TP53-P142T AKTCPVQLW	503	>TP53-P142T AKTCTVQLW	339	164
>TP53-P142T LAKTCPVQL	482	>TP53-P142T LAKTCTVQLW	424	58
>TP53-P142T LAKTCPVQL	417	>TP53-P142T LAKTCTVQL	479	62
>TP53-P142T LAKTCPVQL	405	>TP53-P142T LAKTCTVQL	330	75
>TP53-P142T LAKTCPVQLV	45	>TP53-P142T LAKTCTVQLW	37	8
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>TP53-P142T LAKTCPVQLV	42	>TP53-P142T LAKTCTVQLW	30	12
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>TP53-P142T LAKTCPVQLV	1046	>TP53-P142T LAKTCTVQLW	427	619
>TP53-P142T QLAKTCPV	58	>TP53-P142T QLAKTCTV	129	71
>TP53-P142T QLAKTCPV	13	>TP53-P142T QLAKTCTV	20	7
>TP53-P142T QLAKTCPVQL	315	>TP53-P142T QLAKTCTVQL	271	44
>TP53-P142T QLAKTCPV	10	>TP53-P142T QLAKTCTV	12	2
>TP53-P142T QLAKTCPVQL	383	>TP53-P142T QLAKTCTVQL	420	37

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>TP53-P142TQLAKTCPVQL	323	>TP53-P142TQLAKTCTVQL	640	317
>TP53-P142TQLAKTCPV	30	>TP53-P142TQLAKTCTV	27	3
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>TP53-P142TQLAKTCPVQL	177	>TP53-P142TQLAKTCTVQL	305	128
>TP53-P142TQLAKTCPV	10	>TP53-P142TQLAKTCTV	9	1
>TP53-P142TQLAKTCPVQL	117	>TP53-P142TQLAKTCTVQL	135	18
>TP53-P142TQLAKTCPV	3	>TP53-P142TQLAKTCTV	3	0
>TP53-P142TQLAKTCPVQL	20	>TP53-P142TQLAKTCTVQL	14	6
>TP53-P142TQLAKTCPV	217	>TP53-P142TQLAKTCTV	639	422
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>TP53-P142TQLAKTCPVQL	343	>TP53-P142TQLAKTCTVQL	248	95
>TP53-P142TQQLAKTCPV	121	>TP53-P142TQQLAKTCTV	241	120
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>TP53-P142TQQLAKTCPV	22	>TP53-P142TQQLAKTCTV	21	1
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>TP53-P142TQQLAKTCPV	136	>TP53-P142TQQLAKTCTV	80	56
>TP53-P142TQQLAKTCPV	77	>TP53-P142TQQLAKTCTV	49	28
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>TP53-P142TQQLAKTCPV	720	>TP53-P142TQQLAKTCTV	237	483
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>TP53-P142TQQLAKTCPVC	155	>TP53-P142TQQLAKTCTVC	163	8
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>TP53-P142TMFCQLAKTCI	679	>TP53-P142TMFCQLAKTC	305	374
>TP53-P151A PPPGTRVRAI	370	>TP53-P151A APPGTRVRAI	492	122
>TP53-P151A PPPGTRVRAI	450	>TP53-P151A APPGTRVRAI	151	299
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>TP53-P151A TPPP GTRVR	6341	>TP53-P151A TAPP GTRVR	488	5853
>TP53-P151A TPPP GTRV	2295	>TP53-P151A TAPP GTRV	48	2247
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>TP53-P151A STPPP GTRV	136	>TP53-P151A STAPP GTRV	85	51
>TP53-P151A STPPP GTRV	743	>TP53-P151A STAPP GTRV	259	484

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>TP53-P151A STPPP GTRV	18	>TP53-P151A STAPP GTRV	8	10
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>TP53-P151A STPPP GTRV	1690	>TP53-P151A STAPP GTRV	50	1640
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>TP53-P151A STPPP GTRV	311	>TP53-P151A STAPP GTRV	124	187
>TP53-P151A DSTPPP GTR	203	>TP53-P151A DSTAPP GTR	202	1
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>TP53-P151A WVDSTPPP G	489	>TP53-P151A WVDSTAPP G	420	69
>TP53-P151A LWVDSTPP	386	>TP53-P151A LWVDSTAP	206	180
>TP53-P151A LWVDSTPPP	467	>TP53-P151A LWVDSTAPP	466	1
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>TP53-P151A QLWVDSTP	13059	>TP53-P151A QLWVDSTA	123	12936
>TP53-P151A QLWVDSTP	15893	>TP53-P151A QLWVDSTA	55	15838
>TP53-P151A VQLWVDSTP	3211	>TP53-P151A VQLWVDSTA	48	3163
>TP53-P151A VQLWVDSTP	12174	>TP53-P151A VQLWVDSTA	134	12040
>TP53-P151A VQLWVDSTP	16816	>TP53-P151A VQLWVDSTA	264	16552
>TP53-P151F PPPGTRVRAM	370	>TP53-P151F HPPGTRVRAI	315	55
>TP53-P151F PPPGTRVRAM	450	>TP53-P151F HPPGTRVRAI	476	26
>TP53-P151F PPPGTRVRAM	1827	>TP53-P151F HPPGTRVRAI	199	1628
>TP53-P151F PPPGTRVRAM	8825	>TP53-P151F HPPGTRVRAI	330	8495
>TP53-P151F PPPGTRVRA	2027	>TP53-P151F HPPGTRVRA	137	1890
>TP53-P151F PPPGTRVRAM	1897	>TP53-P151F HPPGTRVRAI	100	1797
>TP53-P151F PPPGTRVR	4110	>TP53-P151F HPPGTRVR	298	3812
>TP53-P151F TPPP GTRVRA	482	>TP53-P151F THPPGTRVR/	37315	36833
>TP53-P151F TPPP GTRVRA	32	>TP53-P151F THPPGTRVR/	13830	13798
>TP53-P151F TPPP GTRVRA	139	>TP53-P151F THPPGTRVR/	10975	10836
>TP53-P151F TPPP GTRV	273	>TP53-P151F THPPGTRV	7913	7640

>TP53-P151F CPVQLWVDS	681	>TP53-P151F CPVQLWVDS	24	657
>TP53-P151F STPPPGRV	136	>TP53-P151F STHPPGRV	59	77
>TP53-P151F STPPPGRV	116	>TP53-P151F STHPPGRV	82	34
>TP53-P151F STPPPGR	2503	>TP53-P151F STHPPGR	480	2023
>TP53-P151F STPPPGR	13160	>TP53-P151F STHPPGR	457	12703
>TP53-P151F STPPPGRVR	13585	>TP53-P151F STHPPGRVR	476	13109
>TP53-P151F STPPPGRVR	7320	>TP53-P151F STHPPGRVR	89	7231
>TP53-P151F STPPPGR	925	>TP53-P151F STHPPGR	93	832
>TP53-P151F STPPPGRVR	730	>TP53-P151F STHPPGRVR	471	259
>TP53-P151F STPPPGR	352	>TP53-P151F STHPPGR	104	248
>TP53-P151F STPPPGRVR	129	>TP53-P151F STHPPGRVR	277	148
>TP53-P151F STPPPGRV	18	>TP53-P151F STHPPGRV	20	2
>TP53-P151F STPPPGRVR	82	>TP53-P151F STHPPGRVR	124	42
>TP53-P151F STPPPGRV	512	>TP53-P151F STHPPGRV	351	161
>TP53-P151F STPPPGRV	1690	>TP53-P151F STHPPGRV	49	1641
>TP53-P151F STPPPGRV	4	>TP53-P151F STHPPGRV	1148	1144
>TP53-P151F STPPPGRVR	96	>TP53-P151F STHPPGRVR	13677	13581
>TP53-P151F STPPPGRVR	54	>TP53-P151F STHPPGRVR	11751	11697
>TP53-P151F STPPPGRV	259	>TP53-P151F STHPPGRV	29	230
>TP53-P151F STPPPGRV	311	>TP53-P151F STHPPGRV	216	95
>TP53-P151F DSTPPPGR	203	>TP53-P151F DSTHPPGR	160	43
>TP53-P151F DSTPPPGRV	372	>TP53-P151F DSTHPPGRV	317	55
>TP53-P151F DSTPPPGR	161	>TP53-P151F DSTHPPGR	155	6
>TP53-P151F DSTPPPGRV	208	>TP53-P151F DSTHPPGRV	204	4
>TP53-P151F DSTPPPGRV	866	>TP53-P151F DSTHPPGRV	441	425
>TP53-P151F WVDSTPPPG	489	>TP53-P151F WVDSTHPPG	571	82
>TP53-P151F LWVDSTPP	386	>TP53-P151F LWVDSTHP	525	139
>TP53-P151F LWVDSTPPP	467	>TP53-P151F LWVDSTHPP	176	291
>TP53-P151F LWVDSTPPPG	485	>TP53-P151F LWVDSTHPPG	315	170
>TP53-P151L PPPGTRVRAM	370	>TP53-P151L LPPGTRVRAM	680	310
>TP53-P151L PPPGTRVRAM	450	>TP53-P151L LPPGTRVRAM	148	302
>TP53-P151L PPPGTRVRAM	1827	>TP53-P151L LPPGTRVRAM	281	1546
>TP53-P151L PPPGTRVRA	2027	>TP53-P151L LPPGTRVRA	35	1992
>TP53-P151L PPPGTRVRAM	1897	>TP53-P151L LPPGTRVRAM	22	1875
>TP53-P151L TPPPGRVRA	482	>TP53-P151L TLPPGRVRA	36943	36461
>TP53-P151L TPPPGRV	29972	>TP53-P151L TLPPGRV	157	29815
>TP53-P151L TPPPGRV	20513	>TP53-P151L TLPPGRV	12	20501
>TP53-P151L TPPPGRV	16049	>TP53-P151L TLPPGRV	242	15807
>TP53-P151L TPPPGRV	18964	>TP53-P151L TLPPGRV	11	18953
>TP53-P151L TPPPGRV	25684	>TP53-P151L TLPPGRV	239	25445
>TP53-P151L TPPPGRV	20925	>TP53-P151L TLPPGRV	25	20900
>TP53-P151L TPPPGRV	25516	>TP53-P151L TLPPGRV	142	25374
>TP53-P151L TPPPGRV	14096	>TP53-P151L TLPPGRV	3	14093

>TP53-P151L TPPPGRVRA	31012	>TP53-P151L TLPPGRVRA	24	30988
>TP53-P151L TPPPGRV	2295	>TP53-P151L TLPPGRV	174	2121
>TP53-P151L TPPPGRVRA	32	>TP53-P151L TLPPGRVRA	7645	7613
>TP53-P151L TPPPGRVRA	139	>TP53-P151L TLPPGRVRA	6254	6115
>TP53-P151L TPPPGRV	273	>TP53-P151L TLPPGRV	3300	3027
>TP53-P151L TPPPGRVRA	727	>TP53-P151L TLPPGRVRA	214	513
>TP53-P151L CPVQLWVDS	24024	>TP53-P151L CPVQLWVDS	238	23786
>TP53-P151L CPVQLWVDS	681	>TP53-P151L CPVQLWVDS	28	653
>TP53-P151L CPVQLWVDS	2459	>TP53-P151L CPVQLWVDS	69	2390
>TP53-P151L CPVQLWVDS	9085	>TP53-P151L CPVQLWVDS	152	8933
>TP53-P151L CPVQLWVDS	17011	>TP53-P151L CPVQLWVDS	311	16700
>TP53-P151L STPPPGRV	1981	>TP53-P151L STLPPGRV	313	1668
>TP53-P151L STPPPGRV	136	>TP53-P151L STLPPGRV	16	120
>TP53-P151L STPPPGRV	743	>TP53-P151L STLPPGRV	99	644
>TP53-P151L STPPPGRV	116	>TP53-P151L STLPPGRV	57	59
>TP53-P151L STPPPGR	2503	>TP53-P151L STLPPGR	178	2325
>TP53-P151L STPPPGRVR	851	>TP53-P151L STLPPGRVR	298	553
>TP53-P151L STPPPGR	925	>TP53-P151L STLPPGR	89	836
>TP53-P151L STPPPGRVR	730	>TP53-P151L STLPPGRVR	163	567
>TP53-P151L STPPPGR	352	>TP53-P151L STLPPGR	234	118
>TP53-P151L STPPPGRVR	129	>TP53-P151L STLPPGRVR	263	134
>TP53-P151L STPPPGRV	18	>TP53-P151L STLPPGRV	61	43
>TP53-P151L STPPPGRVR	82	>TP53-P151L STLPPGRVR	573	491
>TP53-P151L STPPPGRV	512	>TP53-P151L STLPPGRV	12	500
>TP53-P151L STPPPGRV	1690	>TP53-P151L STLPPGRV	33	1657
>TP53-P151L STPPPGRV	4	>TP53-P151L STLPPGRV	2268	2264
>TP53-P151L STPPPGRVR	96	>TP53-P151L STLPPGRVR	17577	17481
>TP53-P151L STPPPGRVR	54	>TP53-P151L STLPPGRVR	14979	14925
>TP53-P151L STPPPGRV	259	>TP53-P151L STLPPGRV	13	246
>TP53-P151L STPPPGR	1920	>TP53-P151L STLPPGR	210	1710
>TP53-P151L STPPPGRVR	2937	>TP53-P151L STLPPGRVR	292	2645
>TP53-P151L STPPPGRV	311	>TP53-P151L STLPPGRV	181	130
>TP53-P151L DSTPPPGR	203	>TP53-P151L DSTLPPGR	107	96
>TP53-P151L DSTPPPGRV	372	>TP53-P151L DSTLPPGRV	228	144
>TP53-P151L DSTPPPGR	161	>TP53-P151L DSTLPPGR	215	54
>TP53-P151L DSTPPPGRV	208	>TP53-P151L DSTLPPGRV	257	49
>TP53-P151L WVDSTPPP	489	>TP53-P151L WVDSTLPPG	501	12
>TP53-P151L LWVDSTPP	386	>TP53-P151L LWVDSTLP	384	2
>TP53-P151L LWVDSTPPP	467	>TP53-P151L LWVDSTLPP	350	117
>TP53-P151L LWVDSTPPP	485	>TP53-P151L LWVDSTLPP	310	175
>TP53-P151L QLWVDSTP	22606	>TP53-P151L QLWVDSTL	206	22400
>TP53-P151L QLWVDSTP	12716	>TP53-P151L QLWVDSTL	316	12400
>TP53-P151L QLWVDSTP	9064	>TP53-P151L QLWVDSTL	36	9028

>TP53-P151L QLWVDSTP	12851	>TP53-P151L QLWVDSTL	40	12811
>TP53-P151L QLWVDSTP	13059	>TP53-P151L QLWVDSTL	46	13013
>TP53-P151L QLWVDSTP	20410	>TP53-P151L QLWVDSTL	50	20360
>TP53-P151L QLWVDSTP	15893	>TP53-P151L QLWVDSTL	16	15877
>TP53-P151L QLWVDSTP	8368	>TP53-P151L QLWVDSTL	277	8091
>TP53-P151L VQLWVDSTP	3211	>TP53-P151L VQLWVDSTL	32	3179
>TP53-P151L VQLWVDSTP	12174	>TP53-P151L VQLWVDSTL	37	12137
>TP53-P151L VQLWVDSTP	16816	>TP53-P151L VQLWVDSTL	93	16723
>TP53-P151L VQLWVDSTP	8594	>TP53-P151L VQLWVDSTL	320	8274
>TP53-P151L VQLWVDSTP	22785	>TP53-P151L VQLWVDSTL	328	22457
>TP53-P151L VQLWVDSTP	12587	>TP53-P151L VQLWVDSTL	321	12266
>TP53-P151L VQLWVDSTP	16237	>TP53-P151L VQLWVDSTL	169	16068
>TP53-P151F PPPGTRVRAM	370	>TP53-P151F RPPGTRVRAM	1428	1058
>TP53-P151F PPPGTRVRAM	450	>TP53-P151F RPPGTRVRAM	301	149
>TP53-P151F PPPGTRVRA	9926	>TP53-P151F RPPGTRVRA	165	9761
>TP53-P151F PPPGTRVRAM	1827	>TP53-P151F RPPGTRVRAM	37	1790
>TP53-P151F PPPGTRVRAM	8825	>TP53-P151F RPPGTRVRAM	99	8726
>TP53-P151F PPPGTRVR	4110	>TP53-P151F RPPGTRVR	232	3878
>TP53-P151F TPPPGRVRA	482	>TP53-P151F TRPPGRVRA	33862	33380
>TP53-P151F TPPPGRVRA	32	>TP53-P151F TRPPGRVRA	15868	15836
>TP53-P151F TPPPGRVRA	139	>TP53-P151F TRPPGRVRA	14027	13888
>TP53-P151F TPPPGRV	273	>TP53-P151F TRPPGRV	9951	9678
>TP53-P151F TPPPGRVRA	34389	>TP53-P151F TRPPGRVRA	493	33896
>TP53-P151F CPVQLWVDS	681	>TP53-P151F CPVQLWVDS	436	245
>TP53-P151F CPVQLWVDS	34784	>TP53-P151F CPVQLWVDS	388	34396
>TP53-P151F STPPPGRV	136	>TP53-P151F STRPPGRV	977	841
>TP53-P151F STPPPGRV	116	>TP53-P151F STRPPGRV	202	86
>TP53-P151F STPPPGR	13160	>TP53-P151F STRPPGR	52	13108
>TP53-P151F STPPPGRV	14732	>TP53-P151F STRPPGRV	107	14625
>TP53-P151F STPPPGRVVR	13585	>TP53-P151F STRPPGRVVR	51	13534
>TP53-P151F STPPPGRVVR	7320	>TP53-P151F STRPPGRVVR	15	7305
>TP53-P151F STPPPGR	925	>TP53-P151F STRPPGR	63	862
>TP53-P151F STPPPGRVVR	730	>TP53-P151F STRPPGRVVR	156	574
>TP53-P151F STPPPGR	352	>TP53-P151F STRPPGR	489	137
>TP53-P151F STPPPGRVVR	129	>TP53-P151F STRPPGRVVR	882	753
>TP53-P151F STPPPGRV	18	>TP53-P151F STRPPGRV	585	567
>TP53-P151F STPPPGRVVR	82	>TP53-P151F STRPPGRVVR	3772	3690
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>TP53-P151F STPPPGRV	4	>TP53-P151F STRPPGRV	1969	1965
>TP53-P151F STPPPGRVVR	96	>TP53-P151F STRPPGRVVR	14934	14838
>TP53-P151F STPPPGRVVR	54	>TP53-P151F STRPPGRVVR	13722	13668
>TP53-P151F STPPPGRV	259	>TP53-P151F STRPPGRV	7	252
>TP53-P151F STPPPGRVVR	6289	>TP53-P151F STRPPGRVVR	179	6110

>TP53-P151FSTPPPGRV	311	>TP53-P151FSTRPPGTRV	672	361
>TP53-P151FDSTPPPGR	203	>TP53-P151FDSTRPPGTR	202	1
>TP53-P151FDSTPPPGRV	372	>TP53-P151FDSTRPPGTRV	390	18
>TP53-P151FDSTPPPGR	161	>TP53-P151FDSTRPPGTR	164	3
>TP53-P151FDSTPPPGRV	208	>TP53-P151FDSTRPPGTRV	205	3
>TP53-P151FWVDSTPPPG	489	>TP53-P151FWVDSTRPPG	1514	1025
>TP53-P151FLWVDSTPP	386	>TP53-P151FLWVDSTRP	582	196
>TP53-P151FLWVDSTPPP	467	>TP53-P151FLWVDSTRPP	382	85
>TP53-P151FLWVDSTPPPC	485	>TP53-P151FLWVDSTRPPC	416	69
>TP53-P151FQLWVDSTP	21765	>TP53-P151FQLWVDSTR	210	21555
>TP53-P151FQLWVDSTP	36099	>TP53-P151FQLWVDSTR	370	35729
>TP53-P151FQLWVDSTP	40721	>TP53-P151FQLWVDSTR	489	40232
>TP53-P151FQLWVDSTP	34843	>TP53-P151FQLWVDSTR	331	34512
>TP53-P151FVQLWVDSTP	22042	>TP53-P151FVQLWVDSTR	87	21955
>TP53-P151SPPPGTRVRAM	370	>TP53-P151SPPGTRVRAM	459	89
>TP53-P151SPPPGTRVRAM	450	>TP53-P151SPPGTRVRAM	126	324
>TP53-P151SPPPGTRVRAM	1827	>TP53-P151SPPGTRVRAM	50	1777
>TP53-P151SPPPGTRVRAM	1897	>TP53-P151SPPGTRVRAM	456	1441
>TP53-P151STPPPGRVRA	482	>TP53-P151STSPPGTRVRA	33881	33399
>TP53-P151STPPPGRV	2295	>TP53-P151STSPPGTRV	60	2235
>TP53-P151STPPPGRVRA	32	>TP53-P151STSPPGTRVRA	10710	10678
>TP53-P151STPPPGRVRA	139	>TP53-P151STSPPGTRVRA	4054	3915
>TP53-P151STPPPGRV	273	>TP53-P151STSPPGTRV	10	263
>TP53-P151STPPPGRVRA	727	>TP53-P151STSPPGTRVRA	7	720
>TP53-P151SCPVQLWVDS	681	>TP53-P151SCPVQLWVDS	89	592
>TP53-P151SCPVQLWVDS	635	>TP53-P151SCPVQLWVDS	416	219
>TP53-P151SSTPPPGRV	136	>TP53-P151SSTSPPGTRV	166	30
>TP53-P151SSTPPPGRV	116	>TP53-P151SSTSPPGTRV	84	32
>TP53-P151SSTPPPGR	2503	>TP53-P151SSTSPPGTR	214	2289
>TP53-P151SSTPPPGRVVR	851	>TP53-P151SSTSPPGTRVR	204	647
>TP53-P151SSTPPPGR	925	>TP53-P151SSTSPPGTR	174	751
>TP53-P151SSTPPPGRVVR	730	>TP53-P151SSTSPPGTRVR	164	566
>TP53-P151SSTPPPGR	352	>TP53-P151SSTSPPGTR	63	289
>TP53-P151SSTPPPGRVVR	129	>TP53-P151SSTSPPGTRVR	64	65
>TP53-P151SSTPPPGRV	18	>TP53-P151SSTSPPGTRV	15	3
>TP53-P151SSTPPPGRVVR	82	>TP53-P151SSTSPPGTRVR	79	3
>TP53-P151SSTPPPGRV	512	>TP53-P151SSTSPPGTRV	131	381
>TP53-P151SSTPPPGRV	1690	>TP53-P151SSTSPPGTRV	65	1625
>TP53-P151SSTPPPGRV	4	>TP53-P151SSTSPPGTRV	451	447
>TP53-P151SSTPPPGRVVR	96	>TP53-P151SSTSPPGTRVR	10525	10429
>TP53-P151SSTPPPGRVVR	54	>TP53-P151SSTSPPGTRVR	8117	8063
>TP53-P151SSTPPPGRV	259	>TP53-P151SSTSPPGTRV	13	246
>TP53-P151SSTPPPGR	1920	>TP53-P151SSTSPPGTR	262	1658

>TP53-P151SSTPPPGTRVR	2937	>TP53-P151SSTSPPGTRVR	375	2562
>TP53-P151SSTPPPGTRV	311	>TP53-P151SSTSPPGTRV	243	68
>TP53-P151SDSTPPPGTR	203	>TP53-P151SDSTSPPGTR	149	54
>TP53-P151SDSTPPPGTRV	372	>TP53-P151SDSTSPPGTRV	308	64
>TP53-P151SDSTPPPGTR	161	>TP53-P151SDSTSPPGTR	70	91
>TP53-P151SDSTPPPGTRV	208	>TP53-P151SDSTSPPGTRV	105	103
>TP53-P151SDSTPPPGTRV	866	>TP53-P151SDSTSPPGTRV	312	554
>TP53-P151SWVDSTPPPG	489	>TP53-P151SWVDSTSPPG	498	9
>TP53-P151SLWVDSTPP	386	>TP53-P151SLWVDSTSP	262	124
>TP53-P151SLWVDSTPPP	467	>TP53-P151SLWVDSTSP	363	104
>TP53-P151SLWVDSTPPPC	485	>TP53-P151SLWVDSTSPPC	366	119
>TP53-P151T PPPGTRVRAM	370	>TP53-P151T TTPPGTRVRAM	297	73
>TP53-P151T PPPGTRVRAM	450	>TP53-P151T TTPPGTRVRAM	185	265
>TP53-P151T PPPGTRVRAM	1827	>TP53-P151T TTPPGTRVRAM	77	1750
>TP53-P151T PPPGTRVRA	2027	>TP53-P151T TTPPGTRVRA	441	1586
>TP53-P151T PPPGTRVRAM	1897	>TP53-P151T TTPPGTRVRAM	346	1551
>TP53-P151T TTPPGTRVRA	482	>TP53-P151T TTPPGTRVRA	35468	34986
>TP53-P151T TTPPGTRV	14096	>TP53-P151T TTPPGTRV	316	13780
>TP53-P151T TTPPGTRVRA	10120	>TP53-P151T TTPPGTRVRA	67	10053
>TP53-P151T TTPPGTRVRA	11342	>TP53-P151T TTPPGTRVRA	84	11258
>TP53-P151T TTPPGTRVR	6341	>TP53-P151T TTPPGTRVR	181	6160
>TP53-P151T TTPPGTRV	2295	>TP53-P151T TTPPGTRV	13	2282
>TP53-P151T TTPPGTRVRA	21458	>TP53-P151T TTPPGTRVRA	158	21300
>TP53-P151T TTPPGTRV	6433	>TP53-P151T TTPPGTRV	462	5971
>TP53-P151T TTPPGTRVRA	32	>TP53-P151T TTPPGTRVRA	7176	7144
>TP53-P151T TTPPGTRVRA	25898	>TP53-P151T TTPPGTRVRA	338	25560
>TP53-P151T TTPPGTRVRA	139	>TP53-P151T TTPPGTRVRA	5601	5462
>TP53-P151T TTPPGTRV	273	>TP53-P151T TTPPGTRV	6	267
>TP53-P151T TTPPGTRVR	23398	>TP53-P151T TTPPGTRVR	317	23081
>TP53-P151T TTPPGTRVRA	18666	>TP53-P151T TTPPGTRVRA	163	18503
>TP53-P151T TTPPGTRVRA	727	>TP53-P151T TTPPGTRVRA	4	723
>TP53-P151T CPVQLWVDS	681	>TP53-P151T CPVQLWVDS	69	612
>TP53-P151T CPVQLWVDS	635	>TP53-P151T CPVQLWVDS	220	415
>TP53-P151T STPPPGTRV	136	>TP53-P151T STTPPGTRV	233	97
>TP53-P151T STPPPGTRV	116	>TP53-P151T STTPPGTRV	64	52
>TP53-P151T STPPPGTR	925	>TP53-P151T STTPPGTR	207	718
>TP53-P151T STPPPGTRVR	730	>TP53-P151T STTPPGTRVR	368	362
>TP53-P151T STPPPGTR	352	>TP53-P151T STTPPGTR	63	289
>TP53-P151T STPPPGTRVR	129	>TP53-P151T STTPPGTRVR	131	2
>TP53-P151T STPPPGTRV	18	>TP53-P151T STTPPGTRV	19	1
>TP53-P151T STPPPGTRVR	82	>TP53-P151T STTPPGTRVR	111	29
>TP53-P151T STPPPGTRV	512	>TP53-P151T STTPPGTRV	153	359
>TP53-P151T STPPPGTRV	1690	>TP53-P151T STTPPGTRV	73	1617



>TP53-P151TSTPPPGRV	4	>TP53-P151TSTTPPGTRV	112	108
>TP53-P151TSTPPPGRVR	96	>TP53-P151TSTTPPGTRVR	4098	4002
>TP53-P151TSTPPPGRV	54	>TP53-P151TSTTPPGTRVR	2697	2643
>TP53-P151TSTPPPGRV	259	>TP53-P151TSTTPPGTRV	14	245
>TP53-P151TSTPPPGRV	311	>TP53-P151TSTTPPGTRV	308	3
>TP53-P151TDSTPPPGR	203	>TP53-P151TDSTTPPGTR	276	73
>TP53-P151TDSTPPPGRV	372	>TP53-P151TDSTTPPGTRV	515	143
>TP53-P151TDSTPPPGR	161	>TP53-P151TDSTTPPGTR	117	44
>TP53-P151TDSTPPPGRV	208	>TP53-P151TDSTTPPGTRV	162	46
>TP53-P151TDSTPPPGRV	866	>TP53-P151TDSTTPPGTRV	373	493
>TP53-P151TWVDSTPPG	489	>TP53-P151TWVDSTPPG	355	134
>TP53-P151TLWVDSTPP	386	>TP53-P151TLWVDSTPP	315	71
>TP53-P151TLWVDSTPPP	467	>TP53-P151TLWVDSTPPP	377	90
>TP53-P151TLWVDSTPPPC	485	>TP53-P151TLWVDSTPPC	330	155
>TP53-P151TQLWVDSTP	15893	>TP53-P151TQLWVDSTT	443	15450
>TP53-P151TVQLWVDSTP	3211	>TP53-P151TVQLWVDSTT	306	2905
>TP53-P152APPGTRVRAM	68	>TP53-P152APGTRVRAM	11	57
>TP53-P152APPGTRVRAM	709	>TP53-P152APGTRVRAM	26	683
>TP53-P152APPGTRVRAM	1110	>TP53-P152APGTRVRAM	251	859
>TP53-P152APPGTRVRAM	1167	>TP53-P152APGTRVRAM	257	910
>TP53-P152APPPGTRVRAM	370	>TP53-P152APAGTRVRAM	2089	1719
>TP53-P152APPPGTRVRAM	450	>TP53-P152APAGTRVRAM	26825	26375
>TP53-P152ATPPPGRVRA	482	>TP53-P152ATPAGTRVRA	4322	3840
>TP53-P152ATPPPGRV	1601	>TP53-P152ATPAGTRV	78	1523
>TP53-P152ATPPPGRVRA	32	>TP53-P152ATPAGTRVRA	11	21
>TP53-P152ATPPPGRVRA	139	>TP53-P152ATPAGTRVRA	18	121
>TP53-P152ATPPPGRVRA	4024	>TP53-P152ATPAGTRVRA	185	3839
>TP53-P152ATPPPGRV	273	>TP53-P152ATPAGTRV	11356	11083
>TP53-P152ATPPPGRVRA	13533	>TP53-P152ATPAGTRVRA	283	13250
>TP53-P152ASTPPPGRV	136	>TP53-P152ASTPAGTRV	145	9
>TP53-P152ASTPPPGRV	116	>TP53-P152ASTPAGTRV	247	131
>TP53-P152ASTPPPGR	352	>TP53-P152ASTPAGTR	184	168
>TP53-P152ASTPPPGRVR	129	>TP53-P152ASTPAGTRVR	63	66
>TP53-P152ASTPPPGRV	18	>TP53-P152ASTPAGTRV	15	3
>TP53-P152ASTPPPGRVR	82	>TP53-P152ASTPAGTRVR	78	4
>TP53-P152ASTPPPGRV	512	>TP53-P152ASTPAGTRV	387	125
>TP53-P152ASTPPPGRV	4	>TP53-P152ASTPAGTRV	5	1
>TP53-P152ASTPPPGRVR	96	>TP53-P152ASTPAGTRVR	155	59
>TP53-P152ASTPPPGRVR	54	>TP53-P152ASTPAGTRVR	83	29
>TP53-P152ASTPPPGRV	259	>TP53-P152ASTPAGTRV	501	242
>TP53-P152ASTPPPGRV	311	>TP53-P152ASTPAGTRV	1189	878
>TP53-P152ADSTPPPGR	203	>TP53-P152ADSTPAGTR	264	61
>TP53-P152ADSTPPPGRV	372	>TP53-P152ADSTPAGTRV	451	79

>TP53-P152A DSTPPPGTR	161	>TP53-P152A DSTPAPGTR	55	106
>TP53-P152A DSTPPPGTRV	208	>TP53-P152A DSTPAPGTRV	111	97
>TP53-P152A WVDSTPPPG	489	>TP53-P152A WVDSTPAPG	435	54
>TP53-P152A LWVDSTPP	386	>TP53-P152A LWVDSTPA	173	213
>TP53-P152A LWVDSTPPP	467	>TP53-P152A LWVDSTPAP	210	257
>TP53-P152A LWVDSTPPPC	485	>TP53-P152A LWVDSTPAPC	513	28
>TP53-P152A QLWVDSTPP	20248	>TP53-P152A QLWVDSTPA	169	20079
>TP53-P152A QLWVDSTPP	9225	>TP53-P152A QLWVDSTPA	393	8832
>TP53-P152A QLWVDSTPP	18618	>TP53-P152A QLWVDSTPA	352	18266
>TP53-P152A QLWVDSTPP	7566	>TP53-P152A QLWVDSTPA	151	7415
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>TP53-P152A QLWVDSTPP	13582	>TP53-P152A QLWVDSTPA	181	13401
>TP53-P152A QLWVDSTPP	13170	>TP53-P152A QLWVDSTPA	210	12960
>TP53-P152A QLWVDSTPP	19046	>TP53-P152A QLWVDSTPA	99	18947
>TP53-P152A VQLWVDSTP	14411	>TP53-P152A VQLWVDSTP	301	14110
>TP53-P152A VQLWVDSTP	14831	>TP53-P152A VQLWVDSTP	351	14480
>TP53-P152A VQLWVDSTP	14830	>TP53-P152A VQLWVDSTP	486	14344
>TP53-P152L PPGTRVRAM	68	>TP53-P152L LPGTRVRAM	13	55
>TP53-P152L PPGTRVRAM	709	>TP53-P152L LPGTRVRAM	39	670
>TP53-P152L PPGTRVRAM	1110	>TP53-P152L LPGTRVRAM	75	1035
>TP53-P152L PPGTRVRAM	1167	>TP53-P152L LPGTRVRAM	84	1083
>TP53-P152L PPGTRVRAM	3088	>TP53-P152L LPGTRVRAM	75	3013
>TP53-P152L PPGTRVRA	5528	>TP53-P152L LPGTRVRA	197	5331
>TP53-P152L PPPGTRVRAM	370	>TP53-P152L PLPGTRVRAM	6794	6424
>TP53-P152L PPPGTRVRAM	450	>TP53-P152L PLPGTRVRAM	32792	32342
>TP53-P152L PPPGTRVRA	34050	>TP53-P152L PLPGTRVRA	98	33952
>TP53-P152L PPPGTRVRAM	34960	>TP53-P152L PLPGTRVRAM	170	34790
>TP53-P152L TPPPGRVRA	482	>TP53-P152L TPLPGTRVRA	517	35
>TP53-P152L TPPPGRV	6433	>TP53-P152L TPLPGTRV	360	6073
>TP53-P152L TPPPGRVRA	32	>TP53-P152L TPLPGTRVRA	15	17
>TP53-P152L TPPPGRVRA	139	>TP53-P152L TPLPGTRVRA	26	113
>TP53-P152L TPPPGRVRA	4024	>TP53-P152L TPLPGTRVRA	204	3820
>TP53-P152L TPPPGRVRA	2306	>TP53-P152L TPLPGTRVRA	389	1917
>TP53-P152L TPPPGRV	273	>TP53-P152L TPLPGTRV	23825	23552
>TP53-P152L STPPPGTRV	136	>TP53-P152L STPLPGTRV	944	808
>TP53-P152L STPPPGTRV	116	>TP53-P152L STPLPGTRV	1108	992
>TP53-P152L STPPPGTR	352	>TP53-P152L STPLPGTR	319	33
>TP53-P152L STPPPGTRVR	129	>TP53-P152L STPLPGTRVR	218	89
>TP53-P152L STPPPGTRV	18	>TP53-P152L STPLPGTRV	47	29
>TP53-P152L STPPPGTRVR	82	>TP53-P152L STPLPGTRVR	270	188
>TP53-P152L STPPPGTRV	4	>TP53-P152L STPLPGTRV	8	4
>TP53-P152L STPPPGTRVR	96	>TP53-P152L STPLPGTRVR	300	204
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>TP53-P152L STPPPGRV	259	>TP53-P152L STPLPGTRV	587	328
>TP53-P152L STPPPGRV	311	>TP53-P152L STPLPGTRV	1681	1370
>TP53-P152L DSTPPPGRV	203	>TP53-P152L DSTPLPGTRV	104	99
>TP53-P152L DSTPPPGRV	372	>TP53-P152L DSTPLPGTRV	235	137
>TP53-P152L DSTPPPGRV	161	>TP53-P152L DSTPLPGTRV	64	97
>TP53-P152L DSTPPPGRV	208	>TP53-P152L DSTPLPGTRV	121	87
>TP53-P152L WVDSTPPG	489	>TP53-P152L WVDSTPLPG	533	44
>TP53-P152L LWVDSTPP	17363	>TP53-P152L LWVDSTPL	457	16906
>TP53-P152L LWVDSTPP	386	>TP53-P152L LWVDSTPL	122	264
>TP53-P152L LWVDSTPPP	467	>TP53-P152L LWVDSTPLP	466	1
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>TP53-P152L QLWVDSTPP	20248	>TP53-P152L QLWVDSTPL	53	20195
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>TP53-P152L QLWVDSTPP	7566	>TP53-P152L QLWVDSTPL	125	7441
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>TP53-P152L QLWVDSTPP	13582	>TP53-P152L QLWVDSTPL	40	13542
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>TP53-P152L QLWVDSTPP	20445	>TP53-P152L QLWVDSTPL	47	20398
>TP53-P152L QLWVDSTPP	19046	>TP53-P152L QLWVDSTPL	24	19022
>TP53-P152L QLWVDSTPP	6302	>TP53-P152L QLWVDSTPL	169	6133
>TP53-P152L QLWVDSTPP	13141	>TP53-P152L QLWVDSTPL	372	12769
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>TP53-P152L VQLWVDSTP	14411	>TP53-P152L VQLWVDSTP	269	14142
>TP53-P152L VQLWVDSTP	14831	>TP53-P152L VQLWVDSTP	107	14724
>TP53-P152L VQLWVDSTP	14830	>TP53-P152L VQLWVDSTP	190	14640
>TP53-P152L VQLWVDSTP	3326	>TP53-P152L VQLWVDSTP	85	3241
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>TP53-P152C PPGTRVRAM	68	>TP53-P152C QPGTRVRAM	26	42
>TP53-P152C PPGTRVRAM	709	>TP53-P152C QPGTRVRAM	140	569
>TP53-P152C PPGTRVRAM	1110	>TP53-P152C QPGTRVRAM	135	975
>TP53-P152C PPGTRVRAM	1167	>TP53-P152C QPGTRVRAM	143	1024
>TP53-P152C PPGTRVRAM	3088	>TP53-P152C QPGTRVRAM	285	2803
>TP53-P152C PPPGTRVRAM	370	>TP53-P152C PQPGTRVRAI	4205	3835
>TP53-P152C PPPGTRVRAM	450	>TP53-P152C PQPGTRVRAI	28298	27848
>TP53-P152C TPPPGRVRA	482	>TP53-P152C TPQPGTRVR/	1185	703
>TP53-P152C TPPPGRVRA	1601	>TP53-P152C TPQPGTRV	441	1160
>TP53-P152C TPPPGRVRA	32	>TP53-P152C TPQPGTRVR/	16	16
>TP53-P152C TPPPGRVRA	139	>TP53-P152C TPQPGTRVR/	44	95
>TP53-P152C TPPPGRVRA	2306	>TP53-P152C TPQPGTRVR/	314	1992
>TP53-P152C TPPPGRVRA	273	>TP53-P152C TPQPGTRV	24223	23950
>TP53-P152C STPPPGRV	136	>TP53-P152C STPQPGTRV	188	52
>TP53-P152C STPPPGRV	116	>TP53-P152C STPQPGTRV	258	142

>TP53-P152CSTPPPGTR	352	>TP53-P152CSTPQPGTR	326	26
>TP53-P152CSTPPPGTRVR	129	>TP53-P152CSTPQPGTRVF	291	162
>TP53-P152CSTPPPGTRV	18	>TP53-P152CSTPQPGTRV	54	36
>TP53-P152CSTPPPGTRVR	82	>TP53-P152CSTPQPGTRVF	338	256
>TP53-P152CSTPPPGTRV	4	>TP53-P152CSTPQPGTRV	9	5
>TP53-P152CSTPPPGTRVR	96	>TP53-P152CSTPQPGTRVF	320	224
>TP53-P152CSTPPPGTRVR	54	>TP53-P152CSTPQPGTRVF	181	127
>TP53-P152CSTPPPGTRV	259	>TP53-P152CSTPQPGTRV	283	24
>TP53-P152CSTPPPGTRV	311	>TP53-P152CSTPQPGTRV	1007	696
>TP53-P152CSTPPPGTRV	203	>TP53-P152CSTPQPGTRV	280	77
>TP53-P152CSTPPPGTRV	372	>TP53-P152CSTPQPGTRV	448	76
>TP53-P152CSTPPPGTRV	161	>TP53-P152CSTPQPGTRV	154	7
>TP53-P152CSTPPPGTRV	208	>TP53-P152CSTPQPGTRV	225	17
>TP53-P152CSTPPPGTRV	489	>TP53-P152CSTPQPGTRV	1044	555
>TP53-P152CSTPPPGTRV	386	>TP53-P152CSTPQPGTRV	401	15
>TP53-P152CSTPPPGTRV	467	>TP53-P152CSTPQPGTRV	759	292
>TP53-P152CSTPPPGTRV	485	>TP53-P152CSTPQPGTRV	757	272
>TP53-P152FPPGTRVRA	14220	>TP53-P152FRPGTRVRA	318	13902
>TP53-P152FPPGTRVRAM	68	>TP53-P152FRPGTRVRAM	7	61
>TP53-P152FPPGTRVRAM	12122	>TP53-P152FRPGTRVRAM	280	11842
>TP53-P152FPPGTRVRAM	709	>TP53-P152FRPGTRVRAM	11	698
>TP53-P152FPPGTRVRAM	1110	>TP53-P152FRPGTRVRAM	126	984
>TP53-P152FPPGTRVRAM	1167	>TP53-P152FRPGTRVRAM	130	1037
>TP53-P152FPPGTRVRAM	370	>TP53-P152FRPGTRVRAM	8324	7954
>TP53-P152FPPGTRVRAM	450	>TP53-P152FRPGTRVRAM	27795	27345
>TP53-P152FTPPPGTRVRA	482	>TP53-P152FTPRPGTRVRA	13379	12897
>TP53-P152FTPPPGTRV	1601	>TP53-P152FTPRPGTRV	28	1573
>TP53-P152FTPPPGTRVR	13757	>TP53-P152FTPRPGTRVR	381	13376
>TP53-P152FTPPPGTRVRA	32	>TP53-P152FTPRPGTRVRA	9	23
>TP53-P152FTPPPGTRVRA	139	>TP53-P152FTPRPGTRVRA	65	74
>TP53-P152FTPPPGTRV	273	>TP53-P152FTPRPGTRV	28456	28183
>TP53-P152FSTPPPGTRV	136	>TP53-P152FSTPRPGTRV	331	195
>TP53-P152FSTPPPGTRV	116	>TP53-P152FSTPRPGTRV	293	177
>TP53-P152FSTPPPGTR	352	>TP53-P152FSTPRPGTR	334	18
>TP53-P152FSTPPPGTRVR	129	>TP53-P152FSTPRPGTRVR	498	369
>TP53-P152FSTPPPGTRV	18	>TP53-P152FSTPRPGTRV	42	24
>TP53-P152FSTPPPGTRVR	82	>TP53-P152FSTPRPGTRVR	260	178
>TP53-P152FSTPPPGTRV	4	>TP53-P152FSTPRPGTRV	16	12
>TP53-P152FSTPPPGTRVR	96	>TP53-P152FSTPRPGTRVR	711	615
>TP53-P152FSTPPPGTRVR	54	>TP53-P152FSTPRPGTRVR	397	343
>TP53-P152FSTPPPGTRV	259	>TP53-P152FSTPRPGTRV	357	98
>TP53-P152FSTPPPGTRV	311	>TP53-P152FSTPRPGTRV	1538	1227
>TP53-P152FDSTPPPGTR	203	>TP53-P152FDSTPRPGTR	56	147

>TP53-P152FDSTPPPGTRV	372	>TP53-P152FDSTPRPGTRV	155	217
>TP53-P152FDSTPPPGTR	161	>TP53-P152FDSTPRPGTR	119	42
>TP53-P152FDSTPPPGTRV	208	>TP53-P152FDSTPRPGTRV	188	20
>TP53-P152FWVDSTPPPG	489	>TP53-P152FWVDSTPRPG	1772	1283
>TP53-P152FLWVDSTPP	25152	>TP53-P152FLWVDSTPR	489	24663
>TP53-P152FLWVDSTPP	18534	>TP53-P152FLWVDSTPR	18	18516
>TP53-P152FLWVDSTPP	386	>TP53-P152FLWVDSTPR	481	95
>TP53-P152FLWVDSTPPP	467	>TP53-P152FLWVDSTPRP	739	272
>TP53-P152FLWVDSTPPPC	485	>TP53-P152FLWVDSTPRPC	523	38
>TP53-P152FQLWVDSTPP	21990	>TP53-P152FQLWVDSTPR	96	21894
>TP53-P152FQLWVDSTPP	37145	>TP53-P152FQLWVDSTPR	343	36802
>TP53-P152FQLWVDSTPP	31060	>TP53-P152FQLWVDSTPR	184	30876
>TP53-P152FVQLWVDSTP	34087	>TP53-P152FVQLWVDSTP	381	33706
>TP53-P152FVQLWVDSTP	35320	>TP53-P152FVQLWVDSTP	276	35044
>TP53-P152SPGTRVRAM	68	>TP53-P152SPGTRVRAM	11	57
>TP53-P152SPGTRVRAM	12122	>TP53-P152SPGTRVRAM	450	11672
>TP53-P152SPGTRVRAM	709	>TP53-P152SPGTRVRAM	28	681
>TP53-P152SPGTRVRAM	1110	>TP53-P152SPGTRVRAM	74	1036
>TP53-P152SPGTRVRAM	1167	>TP53-P152SPGTRVRAM	79	1088
>TP53-P152SPGTRVRAM	3088	>TP53-P152SPGTRVRAM	444	2644
>TP53-P152SPPGTRVRAM	370	>TP53-P152SPSPGTRVRAM	927	557
>TP53-P152SPPGTRVRAM	450	>TP53-P152SPSPGTRVRAM	27690	27240
>TP53-P152SPPGTRVRAM	7347	>TP53-P152SPSPGTRVRAM	115	7232
>TP53-P152STPPPGTRVRA	482	>TP53-P152STPSPGTRVRA	3810	3328
>TP53-P152STPPPGTRV	1601	>TP53-P152STPSPGTRV	329	1272
>TP53-P152STPPPGTRVRA	32	>TP53-P152STPSPGTRVRA	15	17
>TP53-P152STPPPGTRVRA	139	>TP53-P152STPSPGTRVRA	22	117
>TP53-P152STPPPGTRVRA	4024	>TP53-P152STPSPGTRVRA	277	3747
>TP53-P152STPPPGTRV	273	>TP53-P152STPSPGTRV	22852	22579
>TP53-P152STPPPGTRV	136	>TP53-P152STPSPGTRV	180	44
>TP53-P152STPPPGTRV	116	>TP53-P152STPSPGTRV	295	179
>TP53-P152STPPPGTR	352	>TP53-P152STPSPGTR	139	213
>TP53-P152STPPPGTRVR	129	>TP53-P152STPSPGTRVR	72	57
>TP53-P152STPPPGTRV	18	>TP53-P152STPSPGTRV	24	6
>TP53-P152STPPPGTRVR	82	>TP53-P152STPSPGTRVR	138	56
>TP53-P152STPPPGTRV	512	>TP53-P152STPSPGTRV	457	55
>TP53-P152STPPPGTRV	4	>TP53-P152STPSPGTRV	5	1
>TP53-P152STPPPGTRVR	96	>TP53-P152STPSPGTRVR	141	45
>TP53-P152STPPPGTRVR	54	>TP53-P152STPSPGTRVR	78	24
>TP53-P152STPPPGTRV	259	>TP53-P152STPSPGTRV	107	152
>TP53-P152STPPPGTRV	311	>TP53-P152STPSPGTRV	996	685
>TP53-P152SDSTPPPGTR	203	>TP53-P152SDSTPSPGTR	228	25
>TP53-P152SDSTPPPGTRV	372	>TP53-P152SDSTPSPGTRV	407	35

>TP53-P152S DSTPPPGTR	161	>TP53-P152S DSTPSPGTR	44	117
>TP53-P152S DSTPPPGTRV	208	>TP53-P152S DSTPSPGTRV	93	115
>TP53-P152S WVDSTPPPG	489	>TP53-P152S WVDSTPSPG	611	122
>TP53-P152S LWVDSTPP	386	>TP53-P152S LWVDSTPS	503	117
>TP53-P152S LWVDSTPPP	467	>TP53-P152S LWVDSTPSP	297	170
>TP53-P152S LWVDSTPPPC	485	>TP53-P152S LWVDSTPSPC	599	114
>TP53-P152T PPGTRVRAM	68	>TP53-P152T TPGTRVRAM	22	46
>TP53-P152T PPGTRVRAM	709	>TP53-P152T TPGTRVRAM	122	587
>TP53-P152T PPGTRVRAM	1110	>TP53-P152T TPGTRVRAM	174	936
>TP53-P152T PPGTRVRAM	1167	>TP53-P152T TPGTRVRAM	189	978
>TP53-P152T PPGTRVRAM	3088	>TP53-P152T TPGTRVRAM	280	2808
>TP53-P152T PPPGTRVRAM	370	>TP53-P152T PTPGTRVRAM	4847	4477
>TP53-P152T PPPGTRVRAM	450	>TP53-P152T PTPGTRVRAM	31125	30675
>TP53-P152T PPPGTRVRAM	15410	>TP53-P152T PTPGTRVRAM	303	15107
>TP53-P152T PPPGTRVRAM	18189	>TP53-P152T PTPGTRVRAM	257	17932
>TP53-P152T PPPGTRVRAM	7347	>TP53-P152T PTPGTRVRAM	28	7319
>TP53-P152T TPPPGRVRA	482	>TP53-P152T TPTPGTRVRA	1990	1508
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>TP53-P152T TPPPGRVRA	32	>TP53-P152T TPTPGTRVRA	15	17
>TP53-P152T TPPPGRVRA	139	>TP53-P152T TPTPGTRVRA	25	114
>TP53-P152T TPPPGRV	273	>TP53-P152T TPTPGTRV	18962	18689
>TP53-P152T STPPPGTRV	136	>TP53-P152T STPTPGTRV	443	307
>TP53-P152T STPPPGTRV	116	>TP53-P152T STPTPGTRV	486	370
>TP53-P152T STPPPGTR	352	>TP53-P152T STPTPGTR	203	149
>TP53-P152T STPPPGTRVR	129	>TP53-P152T STPTPGTRVR	122	7
>TP53-P152T STPPPGTRV	18	>TP53-P152T STPTPGTRV	25	7
>TP53-P152T STPPPGTRVR	82	>TP53-P152T STPTPGTRVR	128	46
>TP53-P152T STPPPGTRV	4	>TP53-P152T STPTPGTRV	7	3
>TP53-P152T STPPPGTRVR	96	>TP53-P152T STPTPGTRVR	257	161
>TP53-P152T STPPPGTRVR	54	>TP53-P152T STPTPGTRVR	139	85
>TP53-P152T STPPPGTRV	259	>TP53-P152T STPTPGTRV	334	75
>TP53-P152T STPPPGTRV	311	>TP53-P152T STPTPGTRV	1495	1184
>TP53-P152T DSTPPPGTR	203	>TP53-P152T DSTPTPGTR	223	20
>TP53-P152T DSTPPPGTRV	372	>TP53-P152T DSTPTPGTRV	401	29
>TP53-P152T DSTPPPGTR	161	>TP53-P152T DSTPTPGTR	50	111
>TP53-P152T DSTPPPGTRV	208	>TP53-P152T DSTPTPGTRV	105	103
>TP53-P152T WVDSTPPPG	489	>TP53-P152T WVDSTPTPG	443	46
>TP53-P152T LWVDSTPP	386	>TP53-P152T LWVDSTPT	411	25
>TP53-P152T LWVDSTPPP	467	>TP53-P152T LWVDSTPTP	371	96
>TP53-P152T LWVDSTPPPC	485	>TP53-P152T LWVDSTPTPC	620	135
>TP53-P153A PGTRVRAMA	619	>TP53-P153A AGTRVRAMA	108	511
>TP53-P153A PGTRVRAMA	6722	>TP53-P153A AGTRVRAMA	192	6530
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>TP53-P153A PPGTRVRAM	68	>TP53-P153A PAGTRVRAM	12731	12663
>TP53-P153A VQLWVDSTP	19615	>TP53-P153A VQLWVDSTP	301	19314
>TP53-P153A VQLWVDSTP	552	>TP53-P153A VQLWVDSTP	12	540
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>TP53-P153A VQLWVDSTP	12149	>TP53-P153A VQLWVDSTP	130	12019
>TP53-P153A PPPGTRVRAM	370	>TP53-P153A PPAGTRVRAM	9763	9393
>TP53-P153A PPPGTRVRAM	450	>TP53-P153A PPAGTRVRAM	2679	2229
>TP53-P153A PPPGTRVRAM	8825	>TP53-P153A PPAGTRVRAM	442	8383
>TP53-P153A TPPPAGTRV	763	>TP53-P153A TPPAGTRV	123	640
>TP53-P153A TPPPAGTRVRA	482	>TP53-P153A TPPAGTRVRA	185	297
>TP53-P153A TPPPAGTRVRA	32	>TP53-P153A TPPAGTRVRA	30	2
>TP53-P153A TPPPAGTRVRA	139	>TP53-P153A TPPAGTRVRA	110	29
>TP53-P153A TPPPAGTRV	273	>TP53-P153A TPPAGTRV	1260	987
>TP53-P153A STPPPAGTRV	136	>TP53-P153A STPPAGTRV	416	280
>TP53-P153A STPPPAGTRV	743	>TP53-P153A STPPAGTRV	366	377
>TP53-P153A STPPPAGTRV	116	>TP53-P153A STPPAGTRV	97	19
>TP53-P153A STPPPAGTR	352	>TP53-P153A STPPAGTR	146	206
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>TP53-P153A STPPPAGTRVR	82	>TP53-P153A STPPAGTRVR	115	33
>TP53-P153A STPPPAGTRV	4	>TP53-P153A STPPAGTRV	4	0
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>TP53-P153A STPPPAGTRVR	54	>TP53-P153A STPPAGTRVR	57	3
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>TP53-P153A STPPPAGTRV	311	>TP53-P153A STPPAGTRV	351	40
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>TP53-P153A DSTPPPAGTRV	372	>TP53-P153A DSTPPAGTRV	533	161
>TP53-P153A DSTPPPAGTR	161	>TP53-P153A DSTPPAGTR	84	77
>TP53-P153A DSTPPPAGTRV	208	>TP53-P153A DSTPPAGTRV	134	74
>TP53-P153A WVDSTPPP	8757	>TP53-P153A WVDSTPPA	108	8649
>TP53-P153A WVDSTPPP	6070	>TP53-P153A WVDSTPPA	65	6005
>TP53-P153A WVDSTPPPG	489	>TP53-P153A WVDSTPPAG	956	467
>TP53-P153A LWVDSTPPP	10984	>TP53-P153A LWVDSTPPA	467	10517
>TP53-P153A LWVDSTPPP	467	>TP53-P153A LWVDSTPPA	205	262
>TP53-P153A LWVDSTPPG	485	>TP53-P153A LWVDSTPPAG	490	5
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>TP53-P153A QLWVDSTPPP	11649	>TP53-P153A QLWVDSTPPA	266	11383
>TP53-P153A QLWVDSTPPP	13293	>TP53-P153A QLWVDSTPPA	193	13100
>TP53-P153A QLWVDSTPPP	14445	>TP53-P153A QLWVDSTPPA	296	14149
>TP53-P153A QLWVDSTPPP	6561	>TP53-P153A QLWVDSTPPA	80	6481
>TP53-P153A QLWVDSTPPP	9895	>TP53-P153A QLWVDSTPPA	95	9800
>TP53-P153A QLWVDSTPPP	7554	>TP53-P153A QLWVDSTPPA	54	7500
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>TP53-P153AQLWVDSTPP	9133	>TP53-P153AQLWVDSTPP	41	9092
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>TP53-P153FPGTRVRAMA	6722	>TP53-P153FPGTRVRAMA	115	6607
>TP53-P153FPPGTRVRAM	68	>TP53-P153FPPGTRVRAM	22687	22619
>TP53-P153FVQLWVDSTP	552	>TP53-P153FVQLWVDSTP	35	517
>TP53-P153FVQLWVDSTP	19338	>TP53-P153FVQLWVDSTP	254	19084
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>TP53-P153FVQLWVDSTP	25912	>TP53-P153FVQLWVDSTP	495	25417
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>TP53-P153FVQLWVDSTP	17032	>TP53-P153FVQLWVDSTP	435	16597
>TP53-P153FVQLWVDSTP	17216	>TP53-P153FVQLWVDSTP	210	17006
>TP53-P153FPPPGTRVRAM	370	>TP53-P153FPPPGTRVRAM	21859	21489
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>TP53-P153FPPPGTRVRAM	1897	>TP53-P153FPPPGTRVRAM	430	1467
>TP53-P153FTPPPGTRVRA	482	>TP53-P153FTPPPGTRVRA	2361	1879
>TP53-P153FTPPPGTRVRA	32	>TP53-P153FTPPPGTRVRA	40	8
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>TP53-P153FSTPPPGTRV	1710	>TP53-P153FSTPPPGTRV	382	1328
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>TP53-P153FSTPPPGTRVR	851	>TP53-P153FSTPPPGTRVR	393	458
>TP53-P153FSTPPPGTR	925	>TP53-P153FSTPPPGTR	192	733
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>TP53-P153FSTPPPGTR	352	>TP53-P153FSTPPPGTR	78	274
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>TP53-P153FSTPPPGTRVR	82	>TP53-P153FSTPPPGTRVR	82	0
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>TP53-P153FDSTPPPGTR	161	>TP53-P153FDSTPPPGTR	64	97
>TP53-P153FDSTPPPGTRV	208	>TP53-P153FDSTPPPGTRV	114	94
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>TP53-P153F WVDSTPPP	27598	>TP53-P153F WVDSTPPF	370	27228
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>TP53-P153F LWVDSTPPP	17669	>TP53-P153F LWVDSTPPF	449	17220
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>TP53-P153F LWVDSTPPP	21108	>TP53-P153F LWVDSTPPF	177	20931
>TP53-P153F LWVDSTPPP	467	>TP53-P153F LWVDSTPPF	234	233
>TP53-P153F LWVDSTPP(C	485	>TP53-P153F LWVDSTPPFC	362	123
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>TP53-P153F PPGTRVRAM	68	>TP53-P153F PHGTRVRAM	22305	22237
>TP53-P153F PPPGTRVRAM	370	>TP53-P153F PPHGTRVRAI	22846	22476
>TP53-P153F PPPGTRVRAM	450	>TP53-P153F PPHGTRVRAI	199	251
>TP53-P153F TPPPGRVRA	583	>TP53-P153F TPPHGTRVRA/	284	299
>TP53-P153F TPPPGRVRA	482	>TP53-P153F TPPHGTRVRA/	1522	1040
>TP53-P153F TPPPGRVRA	32	>TP53-P153F TPPHGTRVRA/	28	4
>TP53-P153F TPPPGRVRA	139	>TP53-P153F TPPHGTRVRA/	123	16
>TP53-P153F TPPPGRV	273	>TP53-P153F TPPHGTRV	1141	868
>TP53-P153F STPPPGRV	1710	>TP53-P153F STPPHGTRV	156	1554
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>TP53-P153F STPPPGRV	116	>TP53-P153F STPPHGTRV	118	2
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>TP53-P153F STPPPGR	352	>TP53-P153F STPPHGTR	184	168
>TP53-P153F STPPPGRVR	129	>TP53-P153F STPPHGTRVR	131	2
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>TP53-P153F STPPPGRVR	82	>TP53-P153F STPPHGTRVR	263	181
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>TP53-P153F DSTPPPGRV	372	>TP53-P153F DSTPPHGTRV	191	181
>TP53-P153F DSTPPPGR	161	>TP53-P153F DSTPPHGTR	67	94
>TP53-P153F DSTPPPGRV	208	>TP53-P153F DSTPPHGTRV	132	76
>TP53-P153F WVDSTPPPG	489	>TP53-P153F WVDSTPPHG	493	4

>TP53-P153F LWVDSTPPP	467	>TP53-P153F LWVDSTPPH	655	188
>TP53-P153F LWVDSTPPP	485	>TP53-P153F LWVDSTPPH	262	223
>TP53-P153L PGTRVRAMA	619	>TP53-P153L LGTRVRAMA	134	485
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>TP53-P153L VQLWVDSTP	552	>TP53-P153L VQLWVDSTP	10	542
>TP53-P153L VQLWVDSTP	9929	>TP53-P153L VQLWVDSTP	31	9898
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>TP53-P153L VQLWVDSTP	12149	>TP53-P153L VQLWVDSTP	49	12100
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>TP53-P153L PPPGTRVRAM	370	>TP53-P153L PPLGTRVRAM	23869	23499
>TP53-P153L PPPGTRVRAM	450	>TP53-P153L PPLGTRVRAM	430	20
>TP53-P153L TPPPGRVRA	482	>TP53-P153L TPPLGTRVRA	3015	2533
>TP53-P153L TPPPGRVRA	32	>TP53-P153L TPPLGTRVRA	36	4
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>TP53-P153L STPPPGRV	136	>TP53-P153L STPPLGTRV	261	125
>TP53-P153L STPPPGRV	743	>TP53-P153L STPPLGTRV	398	345
>TP53-P153L STPPPGRV	116	>TP53-P153L STPPLGTRV	155	39
>TP53-P153L STPPPGR	925	>TP53-P153L STPPLGTR	385	540
>TP53-P153L STPPPGRVR	730	>TP53-P153L STPPLGTRVR	467	263
>TP53-P153L STPPPGR	352	>TP53-P153L STPPLGTR	209	143
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>TP53-P153L STPPPGRVR	82	>TP53-P153L STPPLGTRVR	111	29
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>TP53-P153L STPPPGRVR	96	>TP53-P153L STPPLGTRVR	183	87
>TP53-P153L STPPPGRVR	54	>TP53-P153L STPPLGTRVR	78	24
>TP53-P153L STPPPGRV	259	>TP53-P153L STPPLGTRV	246	13
>TP53-P153L STPPPGRV	311	>TP53-P153L STPPLGTRV	704	393
>TP53-P153L DSTPPPGR	203	>TP53-P153L DSTPPLGTR	117	86
>TP53-P153L DSTPPPGRV	372	>TP53-P153L DSTPPLGTRV	258	114
>TP53-P153L DSTPPPGR	161	>TP53-P153L DSTPPLGTR	139	22
>TP53-P153L DSTPPPGRV	208	>TP53-P153L DSTPPLGTRV	198	10
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>TP53-P153L WVDSTPPP	8757	>TP53-P153L WVDSTPPL	61	8696
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>TP53-P153L WVDSTPPP	16463	>TP53-P153L WVDSTPPL	207	16256
>TP53-P153L WVDSTPPP	22218	>TP53-P153L WVDSTPPL	302	21916

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>TP53-P153L WVDSTPPP	6070	>TP53-P153L WVDSTPPL	23	6047
>TP53-P153L WVDSTPPPG	489	>TP53-P153L WVDSTPPLG	1364	875
>TP53-P153L WVDSTPPP	18069	>TP53-P153L WVDSTPPL	82	17987
>TP53-P153L LWVDSTPPP	10984	>TP53-P153L LWVDSTPPL	323	10661
>TP53-P153L LWVDSTPPP	467	>TP53-P153L LWVDSTPPL	142	325
>TP53-P153L LWVDSTPPPC	485	>TP53-P153L LWVDSTPPLC	396	89
>TP53-P153L QLWVDSTPPP	11689	>TP53-P153L QLWVDSTPPL	196	11493
>TP53-P153L QLWVDSTPPP	11649	>TP53-P153L QLWVDSTPPL	55	11594
>TP53-P153L QLWVDSTPPP	13293	>TP53-P153L QLWVDSTPPL	160	13133
>TP53-P153L QLWVDSTPPP	14445	>TP53-P153L QLWVDSTPPL	266	14179
>TP53-P153L QLWVDSTPPP	6561	>TP53-P153L QLWVDSTPPL	26	6535
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>TP53-P153L QLWVDSTPPP	7554	>TP53-P153L QLWVDSTPPL	23	7531
>TP53-P153L QLWVDSTPPP	14860	>TP53-P153L QLWVDSTPPL	12	14848
>TP53-P153L QLWVDSTPPP	9133	>TP53-P153L QLWVDSTPPL	14	9119
>TP53-P153L QLWVDSTPPP	6918	>TP53-P153L QLWVDSTPPL	211	6707
>TP53-P153L QLWVDSTPPP	6554	>TP53-P153L QLWVDSTPPL	82	6472
>TP53-P153L QLWVDSTPPP	5242	>TP53-P153L QLWVDSTPPL	219	5023
>TP53-P153S PGTRVRAMA	619	>TP53-P153S SGTRVRAMA	90	529
>TP53-P153S PGTRVRAMA	6722	>TP53-P153S SGTRVRAMA	68	6654
>TP53-P153S PPGTRVRAM	68	>TP53-P153S PSGTRVRAM	19471	19403
>TP53-P153S VQLWVDSTP	552	>TP53-P153S VQLWVDSTP	146	406
>TP53-P153S PPPGTRVRAM	370	>TP53-P153S PPSGTRVRAM	15578	15208
>TP53-P153S PPPGTRVRAM	450	>TP53-P153S PPSGTRVRAM	2298	1848
>TP53-P153S TPPPGRVRA	583	>TP53-P153S TPPSGTRVRA	310	273
>TP53-P153S TPPPGRV	763	>TP53-P153S TPPSGTRV	196	567
>TP53-P153S TPPPGRVRA	482	>TP53-P153S TPPSGTRVRA	169	313
>TP53-P153S TPPPGRVRA	32	>TP53-P153S TPPSGTRVRA	31	1
>TP53-P153S TPPPGRVRA	139	>TP53-P153S TPPSGTRVRA	109	30
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>TP53-P153S STPPPGRV	116	>TP53-P153S STPPSGTRV	80	36
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>TP53-P153S STPPPGRVR	129	>TP53-P153S STPPSGTRVR	212	83
>TP53-P153S STPPPGRV	18	>TP53-P153S STPPSGTRV	33	15
>TP53-P153S STPPPGRVR	82	>TP53-P153S STPPSGTRVR	168	86
>TP53-P153S STPPPGRV	1690	>TP53-P153S STPPSGTRV	376	1314
>TP53-P153S STPPPGRV	4	>TP53-P153S STPPSGTRV	5	1
>TP53-P153S STPPPGRVR	96	>TP53-P153S STPPSGTRVR	143	47
>TP53-P153S STPPPGRVR	54	>TP53-P153S STPPSGTRVR	74	20
>TP53-P153S STPPPGRV	259	>TP53-P153S STPPSGTRV	542	283

>TP53-P153S STPPP GTRV	311	>TP53-P153S STPPS GTRV	502	191
>TP53-P153S DSTPPP GTR	203	>TP53-P153S DSTPPS GTR	231	28
>TP53-P153S DSTPPP GTRV	372	>TP53-P153S DSTPPS GTRV	374	2
>TP53-P153S DSTPPP GTR	161	>TP53-P153S DSTPPS GTR	102	59
>TP53-P153S DSTPPP GTRV	208	>TP53-P153S DSTPPS GTRV	139	69
>TP53-P153S WVDSTPPP G	489	>TP53-P153S WVDSTPPS G	1830	1341
>TP53-P153S LWVDSTPPP	467	>TP53-P153S LWVDSTPPS	576	109
>TP53-P153S LWVDSTPPP(C	485	>TP53-P153S LWVDSTPPS(C	411	74
>TP53-P153T PGTRVRAMA	619	>TP53-P153T TGTRVRAMA	176	443
>TP53-P153T PGTRVRAMA	6722	>TP53-P153T TGTRVRAMA	252	6470
>TP53-P153T PPGTRVRAM	19230	>TP53-P153T PTGTRVRAM	415	18815
>TP53-P153T PPGTRVRAM	19568	>TP53-P153T PTGTRVRAM	322	19246
>TP53-P153T PPGTRVRAM	68	>TP53-P153T PTGTRVRAM	16867	16799
>TP53-P153T VQLWVDSTP	552	>TP53-P153T VQLWVDSTP	47	505
>TP53-P153T PPPGTRVRAM	370	>TP53-P153T PPTGTRVRAM	16054	15684
>TP53-P153T PPPGTRVRAM	450	>TP53-P153T PPTGTRVRAM	1368	918
>TP53-P153T TPPP GTRV	763	>TP53-P153T TPPTGTRV	365	398
>TP53-P153T TPPP GTRVRA	482	>TP53-P153T TPPTGTRVRA	267	215
>TP53-P153T TPPP GTRVRA	32	>TP53-P153T TPPTGTRVRA	39	7
>TP53-P153T TPPP GTRVRA	139	>TP53-P153T TPPTGTRVRA	152	13
>TP53-P153T TPPP GTRV	273	>TP53-P153T TPPTGTRV	889	616
>TP53-P153T STPPP GTRV	136	>TP53-P153T STPPTGTRV	203	67
>TP53-P153T STPPP GTRV	743	>TP53-P153T STPPTGTRV	390	353
>TP53-P153T STPPP GTRV	116	>TP53-P153T STPPTGTRV	97	19
>TP53-P153T STPPP GTR	352	>TP53-P153T STPPTGTR	122	230
>TP53-P153T STPPP GTRVR	129	>TP53-P153T STPPTGTRVR	197	68
>TP53-P153T STPPP GTRV	18	>TP53-P153T STPPTGTRV	60	42
>TP53-P153T STPPP GTRVR	82	>TP53-P153T STPPTGTRVR	264	182
>TP53-P153T STPPP GTRV	4	>TP53-P153T STPPTGTRV	5	1
>TP53-P153T STPPP GTRVR	96	>TP53-P153T STPPTGTRVR	158	62
>TP53-P153T STPPP GTRVR	54	>TP53-P153T STPPTGTRVR	74	20
>TP53-P153T STPPP GTRV	259	>TP53-P153T STPPTGTRV	316	57
>TP53-P153T STPPP GTRV	311	>TP53-P153T STPPTGTRV	398	87
>TP53-P153T DSTPPP GTR	203	>TP53-P153T DSTPPTGTR	177	26
>TP53-P153T DSTPPP GTRV	372	>TP53-P153T DSTPPTGTRV	362	10
>TP53-P153T DSTPPP GTR	161	>TP53-P153T DSTPPTGTR	63	98
>TP53-P153T DSTPPP GTRV	208	>TP53-P153T DSTPPTGTRV	117	91
>TP53-P153T WVDSTPPP G	489	>TP53-P153T WVDSTPPTG	1591	1102
>TP53-P153T LWVDSTPPP	467	>TP53-P153T LWVDSTPPT	475	8
>TP53-P153T LWVDSTPPP(C	485	>TP53-P153T LWVDSTPPT(C	413	72
>TP53-P153T QLWVDSTPP	6561	>TP53-P153T QLWVDSTPP	481	6080
>TP53-P153T QLWVDSTPP	9133	>TP53-P153T QLWVDSTPP	230	8903
>TP53-P177F RRC PHHER	405	>TP53-P177F RRCHHHER	421	16

>TP53-P177F RRCPHHER	102	>TP53-P177F RRCHHHER	77	25
>TP53-P177F RRCPHHER	312	>TP53-P177F RRCHHHER	1041	729
>TP53-P177F RRCPHHERC	320	>TP53-P177F RRCHHHERC	790	470
>TP53-P177F RRCPHHER	87	>TP53-P177F RRCHHHER	95	8
>TP53-P177F VVRRCPHHEF	145	>TP53-P177F VVRRCHHHEI	56	89
>TP53-P177F VVRRCPHHEF	63	>TP53-P177F VVRRCHHHEI	26	37
>TP53-P177F VVRRCPHHEF	534	>TP53-P177F VVRRCHHHEI	175	359
>TP53-P177F VVRRCPHHEF	713	>TP53-P177F VVRRCHHHEI	488	225
>TP53-P177F EVVRRCPH	400	>TP53-P177F EVVRRCHH	318	82
>TP53-P177F EVVRRCPHH	98	>TP53-P177F EVVRRCHHH	91	7
>TP53-P177F EVVRRCPHHE	428	>TP53-P177F EVVRRCHHHI	301	127
>TP53-P177F EVVRRCPHHE	371	>TP53-P177F EVVRRCHHHI	176	195
>TP53-P177F EVVRRCPHHE	53	>TP53-P177F EVVRRCHHHI	38	15
>TP53-P177F EVVRRCPHHE	5	>TP53-P177F EVVRRCHHHI	4	1
>TP53-P177F EVVRRCPHHE	1019	>TP53-P177F EVVRRCHHHI	440	579
>TP53-P177I QHMTEVVRR	25140	>TP53-P177I QHMTEVVRR	424	24716
>TP53-P177I QHMTEVVRR	14965	>TP53-P177I QHMTEVVRR	480	14485
>TP53-P177I RRCPHHER	405	>TP53-P177I RRCIHHER	373	32
>TP53-P177I RRCPHHER	729	>TP53-P177I RRCIHHER	485	244
>TP53-P177I RRCPHHER	102	>TP53-P177I RRCIHHER	111	9
>TP53-P177I RRCPHHERCS	720	>TP53-P177I RRCIHHHERCS	359	361
>TP53-P177I RRCPHHER	312	>TP53-P177I RRCIHHER	378	66
>TP53-P177I RRCPHHERC	320	>TP53-P177I RRCIHHERC	460	140
>TP53-P177I RRCPHHER	87	>TP53-P177I RRCIHHER	94	7
>TP53-P177I VVRRCPHHEF	145	>TP53-P177I VVRRCIHHER	136	9
>TP53-P177I VVRRCPHHEF	63	>TP53-P177I VVRRCIHHER	10	53
>TP53-P177I VVRRCPHHEF	534	>TP53-P177I VVRRCIHHER	62	472
>TP53-P177I VVRRCPHHEF	713	>TP53-P177I VVRRCIHHER	418	295
>TP53-P177I EVVRRCPH	400	>TP53-P177I EVVRRCIH	930	530
>TP53-P177I EVVRRCPHH	98	>TP53-P177I EVVRRCIHH	263	165
>TP53-P177I EVVRRCPHHE	428	>TP53-P177I EVVRRCIHHE	193	235
>TP53-P177I EVVRRCPHHE	371	>TP53-P177I EVVRRCIHHE	230	141
>TP53-P177I EVVRRCPHHE	53	>TP53-P177I EVVRRCIHHE	28	25
>TP53-P177I EVVRRCPHHE	5	>TP53-P177I EVVRRCIHHE	4	1
>TP53-P177I EVVRRCPHHE	1019	>TP53-P177I EVVRRCIHHE	440	579
>TP53-P177I TEVVRRCP	1377	>TP53-P177I TEVVRRCI	13	1364
>TP53-P177I MTEVVRRCP	31342	>TP53-P177I MTEVVRRCI	473	30869
>TP53-P177I MTEVVRRCP	30186	>TP53-P177I MTEVVRRCI	98	30088
>TP53-P177I HMTEVVRRC	11254	>TP53-P177I HMTEVVRRC	112	11142
>TP53-P177I HMTEVVRRC	19862	>TP53-P177I HMTEVVRRC	381	19481
>TP53-P177I HMTEVVRRC	18007	>TP53-P177I HMTEVVRRC	247	17760
>TP53-P177L QHMTEVVRR	14965	>TP53-P177L QHMTEVVRR	35	14930
>TP53-P177L RRCPHHER	405	>TP53-P177L RRCLHHER	553	148

>TP53-P177L RRCPHHER	729	>TP53-P177L RRCLHHER	418	311
>TP53-P177L RRCPHHER	102	>TP53-P177L RRCLHHER	121	19
>TP53-P177L RRCPHHERCS	720	>TP53-P177L RRCLHHERCS	379	341
>TP53-P177L RRCPHHER	312	>TP53-P177L RRCLHHER	353	41
>TP53-P177L RRCPHHERC	320	>TP53-P177L RRCLHHERC	391	71
>TP53-P177L RRCPHHER	87	>TP53-P177L RRCLHHER	92	5
>TP53-P177L VVRRCPHHEF	145	>TP53-P177L VVRRCLHHEF	148	3
>TP53-P177L VVRRCPHHEF	63	>TP53-P177L VVRRCLHHEF	16	47
>TP53-P177L VVRRCPHHEF	534	>TP53-P177L VVRRCLHHEF	149	385
>TP53-P177L EVVRRCPH	400	>TP53-P177L EVVRRCLH	2045	1645
>TP53-P177L EVVRRCPHH	98	>TP53-P177L EVVRRCLHH	630	532
>TP53-P177L EVVRRCPHHE	428	>TP53-P177L EVVRRCLHHE	181	247
>TP53-P177L EVVRRCPHHE	371	>TP53-P177L EVVRRCLHHE	325	46
>TP53-P177L EVVRRCPHHE	53	>TP53-P177L EVVRRCLHHE	37	16
>TP53-P177L EVVRRCPHHE	5	>TP53-P177L EVVRRCLHHE	5	0
>TP53-P177L EVVRRCPHHE	1019	>TP53-P177L EVVRRCLHHE	402	617
>TP53-P177L TEVVRRCP	1377	>TP53-P177L TEVVRRC	31	1346
>TP53-P177L TEVVRRCP	8094	>TP53-P177L TEVVRRC	254	7840
>TP53-P177L HMTEVVRRC	11254	>TP53-P177L HMTEVVRRC	120	11134
>TP53-P177L HMTEVVRRC	19862	>TP53-P177L HMTEVVRRC	351	19511
>TP53-P177L HMTEVVRRC	18007	>TP53-P177L HMTEVVRRC	195	17812
>TP53-P177L HMTEVVRRC	25614	>TP53-P177L HMTEVVRRC	120	25494
>TP53-P177F RRCPHHER	405	>TP53-P177F RRCRHHHER	307	98
>TP53-P177F RRCPHHER	729	>TP53-P177F RRCRHHHER	328	401
>TP53-P177F RRCPHHER	102	>TP53-P177F RRCRHHHER	42	60
>TP53-P177F RRCPHHERC	689	>TP53-P177F RRCRHHHERC	422	267
>TP53-P177F RRCPHHERCS	720	>TP53-P177F RRCRHHHERCS	220	500
>TP53-P177F RRCPHHER	312	>TP53-P177F RRCRHHHER	318	6
>TP53-P177F RRCPHHERC	320	>TP53-P177F RRCRHHHERC	415	95
>TP53-P177F RRCPHHER	87	>TP53-P177F RRCRHHHER	157	70
>TP53-P177F VVRRCPHHEF	145	>TP53-P177F VVRRCRHHEF	63	82
>TP53-P177F VVRRCPHHEF	63	>TP53-P177F VVRRCRHHEF	13	50
>TP53-P177F VVRRCPHHEF	534	>TP53-P177F VVRRCRHHEF	106	428
>TP53-P177F EVVRRCPH	400	>TP53-P177F EVVRRCRH	753	353
>TP53-P177F EVVRRCPHH	98	>TP53-P177F EVVRRCRHH	400	302
>TP53-P177F EVVRRCPHHE	428	>TP53-P177F EVVRRCRHHI	781	353
>TP53-P177F EVVRRCPHHE	371	>TP53-P177F EVVRRCRHHI	290	81
>TP53-P177F EVVRRCPHHE	53	>TP53-P177F EVVRRCRHHI	37	16
>TP53-P177F EVVRRCPHHE	5	>TP53-P177F EVVRRCRHHI	7	2
>TP53-P177F MTEVVRRCP	17111	>TP53-P177F MTEVVRRCR	35	17076
>TP53-P177F MTEVVRRCP	28410	>TP53-P177F MTEVVRRCR	79	28331
>TP53-P177F MTEVVRRCP	17766	>TP53-P177F MTEVVRRCR	7	17759
>TP53-P177F HMTEVVRRC	17971	>TP53-P177F HMTEVVRRC	16	17955

>TP53-P177FHMTEVVRRRC	25272	>TP53-P177FHMTEVVRRRC	155	25117
>TP53-P177FHMTEVVRRRC	37931	>TP53-P177FHMTEVVRRRC	467	37464
>TP53-P177SRRCPHHER	405	>TP53-P177SRRCSHHER	317	88
>TP53-P177SRRCPHHER	729	>TP53-P177SRRCSHHER	480	249
>TP53-P177SRRCPHHER	102	>TP53-P177SRRCSHHER	104	2
>TP53-P177SRRCPHHER	312	>TP53-P177SRRCSHHER	711	399
>TP53-P177SRRCPHHERC	320	>TP53-P177SRRCSHHERC	821	501
>TP53-P177SRRCPHHER	87	>TP53-P177SRRCSHHER	109	22
>TP53-P177SVRRCPHHER	680	>TP53-P177SVRRCSHHER	263	417
>TP53-P177SVVRRCPHHEF	145	>TP53-P177SVVRRCSHHEF	64	81
>TP53-P177SVVRRCPHHEF	63	>TP53-P177SVVRRCSHHEF	15	48
>TP53-P177SVVRRCPHHEF	534	>TP53-P177SVVRRCSHHEF	90	444
>TP53-P177SEVVRRCPH	400	>TP53-P177SEVVRRCSH	633	233
>TP53-P177SEVVRRCPHH	98	>TP53-P177SEVVRRCSHH	102	4
>TP53-P177SEVVRRCPHHE	428	>TP53-P177SEVVRRCSHHE	541	113
>TP53-P177SEVVRRCPHHE	371	>TP53-P177SEVVRRCSHHE	294	77
>TP53-P177SEVVRRCPHHE	53	>TP53-P177SEVVRRCSHHE	40	13
>TP53-P177SEVVRRCPHHE	5	>TP53-P177SEVVRRCSHHE	4	1
>TP53-P177SMTEVVRRCPH	2160	>TP53-P177SMTEVVRRCSI	184	1976
>TP53-P177T RRCPHHER	405	>TP53-P177T RRCTHHER	555	150
>TP53-P177T RRCPHHER	102	>TP53-P177T RRCTHHER	41	61
>TP53-P177T RRCPHHERC	689	>TP53-P177T RRCTHHERC	457	232
>TP53-P177T RRCPHHERCS	720	>TP53-P177T RRCTHHERCS	393	327
>TP53-P177T RRCPHHER	312	>TP53-P177T RRCTHHER	382	70
>TP53-P177T RRCPHHERC	320	>TP53-P177T RRCTHHERC	599	279
>TP53-P177T RRCPHHER	87	>TP53-P177T RRCTHHER	69	18
>TP53-P177T VRRCPHHER	680	>TP53-P177T VRRCTHHER	418	262
>TP53-P177T VVRRCPHHEF	145	>TP53-P177T VVRRCTHHEF	72	73
>TP53-P177T VVRRCPHHEF	63	>TP53-P177T VVRRCTHHEF	17	46
>TP53-P177T VVRRCPHHEF	534	>TP53-P177T VVRRCTHHEF	139	395
>TP53-P177T VVRRCPHHEF	713	>TP53-P177T VVRRCTHHEF	410	303
>TP53-P177T EVVRRCPH	400	>TP53-P177T EVVRRCTH	822	422
>TP53-P177T EVVRRCPHH	98	>TP53-P177T EVVRRCTHH	601	503
>TP53-P177T EVVRRCPHHE	428	>TP53-P177T EVVRRCTHHE	407	21
>TP53-P177T EVVRRCPHHE	371	>TP53-P177T EVVRRCTHHE	258	113
>TP53-P177T EVVRRCPHHE	53	>TP53-P177T EVVRRCTHHE	38	15
>TP53-P177T EVVRRCPHHE	5	>TP53-P177T EVVRRCTHHE	4	1
>TP53-P177T TEVVRRCP	1377	>TP53-P177T TEVVRRCT	486	891
>TP53-P190A APPQHLIRV	15293	>TP53-P190A AAPQHLIRV	379	14914
>TP53-P190A APPQHLIRV	8353	>TP53-P190A AAPQHLIRV	271	8082
>TP53-P190A APPQHLIRV	9184	>TP53-P190A AAPQHLIRV	103	9081
>TP53-P190A APPQHLIRV	1104	>TP53-P190A AAPQHLIRV	64	1040
>TP53-P190A LAPPQHLI	5645	>TP53-P190A LAAPQHLI	473	5172

>TP53-P190A LAPPQHLIRV	395	>TP53-P190A LAAPQHLIRV	381	14
>TP53-P190A LAPPQHLIRV	577	>TP53-P190A LAAPQHLIRV	385	192
>TP53-P190A LAPPQHLIRV	52	>TP53-P190A LAAPQHLIRV	22	30
>TP53-P190A LAPPQHLIR	1307	>TP53-P190A LAAPQHLIR	215	1092
>TP53-P190A LAPPQHLIR	1385	>TP53-P190A LAAPQHLIR	101	1284
>TP53-P190A LAPPQHLI	898	>TP53-P190A LAAPQHLI	212	686
>TP53-P190A LAPPQHLI	8293	>TP53-P190A LAAPQHLI	62	8231
>TP53-P190A LAPPQHLI	5	>TP53-P190A LAAPQHLI	169	164
>TP53-P190A LAPPQHLIRV	28	>TP53-P190A LAAPQHLIRV	2235	2207
>TP53-P190A LAPPQHLI	70	>TP53-P190A LAAPQHLI	30	40
>TP53-P190A GLAPPQHL	285	>TP53-P190A GLAAPQHL	169	116
>TP53-P190A GLAPPQHLI	65	>TP53-P190A GLAAPQHLI	50	15
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>TP53-P190A GLAPPQHLI	15	>TP53-P190A GLAAPQHLI	10	5
>TP53-P190A GLAPPQHLIR	9	>TP53-P190A GLAAPQHLIR	7	2
>TP53-P190A GLAPPQHL	61	>TP53-P190A GLAAPQHL	41	20
>TP53-P190A GLAPPQHLI	31	>TP53-P190A GLAAPQHLI	27	4
>TP53-P190A GLAPPQHLIR	7	>TP53-P190A GLAAPQHLIR	6	1
>TP53-P190A GLAPPQHLIR	44	>TP53-P190A GLAAPQHLIR	67	23
>TP53-P190A GLAPPQHL	16	>TP53-P190A GLAAPQHL	19	3
>TP53-P190A GLAPPQHLI	13	>TP53-P190A GLAAPQHLI	13	0
>TP53-P190A GLAPPQHLIR	3	>TP53-P190A GLAAPQHLIR	3	0
>TP53-P190A GLAPPQHL	26	>TP53-P190A GLAAPQHL	29	3
>TP53-P190A GLAPPQHLI	22	>TP53-P190A GLAAPQHLI	32	10
>TP53-P190A GLAPPQHLIR	7	>TP53-P190A GLAAPQHLIR	8	1
>TP53-P190A GLAPPQHL	11	>TP53-P190A GLAAPQHL	11	0
>TP53-P190A GLAPPQHLI	13	>TP53-P190A GLAAPQHLI	18	5
>TP53-P190A GLAPPQHLIR	5	>TP53-P190A GLAAPQHLIR	6	1
>TP53-P190A GLAPPQHL	175	>TP53-P190A GLAAPQHL	188	13
>TP53-P190A GLAPPQHLI	76	>TP53-P190A GLAAPQHLI	156	80
>TP53-P190A GLAPPQHLIR	9	>TP53-P190A GLAAPQHLIR	9	0
>TP53-P190A GLAPPQHL	5	>TP53-P190A GLAAPQHL	6	1
>TP53-P190A GLAPPQHLI	5	>TP53-P190A GLAAPQHLI	8	3
>TP53-P190A GLAPPQHLIR	2	>TP53-P190A GLAAPQHLIR	2	0
>TP53-P190A GLAPPQHLIR	282	>TP53-P190A GLAAPQHLIR	264	18
>TP53-P190A SDGLAPPQHI	507	>TP53-P190A SDGLAAPQHI	198	309
>TP53-P190A SDGLAPPQHI	104	>TP53-P190A SDGLAAPQHI	57	47
>TP53-P190A CSDSDGLAP	1532	>TP53-P190A CSDSDGLAA	67	1465
>TP53-P190F PPQHLIRVEG	11406	>TP53-P190F HPQHLIRVEG	155	11251
>TP53-P190F LAPPQHLIRV	395	>TP53-P190F LAHPQHLIRV	1020	625
>TP53-P190F LAPPQHLIRV	577	>TP53-P190F LAHPQHLIRV	287	290
>TP53-P190F LAPPQHLIRV	52	>TP53-P190F LAHPQHLIRV	38	14



>TP53-P190F LAPPQHLI	10583	>TP53-P190F LAHPQHLI	187	10396
>TP53-P190F LAPPQHILIR	11089	>TP53-P190F LAHPQHILIR	155	10934
>TP53-P190F LAPPQHILIRV	11275	>TP53-P190F LAHPQHILIRV	238	11037
>TP53-P190F LAPPQHILIR	1307	>TP53-P190F LAHPQHILIR	86	1221
>TP53-P190F LAPPQHILIR	1385	>TP53-P190F LAHPQHILIR	469	916
>TP53-P190F LAPPQHILI	7452	>TP53-P190F LAHPQHILI	444	7008
>TP53-P190F LAPPQHILI	5	>TP53-P190F LAHPQHILI	1568	1563
>TP53-P190F LAPPQHILIRV	28	>TP53-P190F LAHPQHILIRV	7399	7371
>TP53-P190F LAPPQHILIR	504	>TP53-P190F LAHPQHILIR	440	64
>TP53-P190F LAPPQHILI	70	>TP53-P190F LAHPQHILI	41	29
>TP53-P190F GLAPPQHL	285	>TP53-P190F GLAHPQHL	353	68
>TP53-P190F GLAPPQHILI	65	>TP53-P190F GLAHPQHILI	111	46
>TP53-P190F GLAPPQHILIR	20	>TP53-P190F GLAHPQHILIR	27	7
>TP53-P190F GLAPPQHL	22	>TP53-P190F GLAHPQHL	20	2
>TP53-P190F GLAPPQHILI	15	>TP53-P190F GLAHPQHILI	21	6
>TP53-P190F GLAPPQHILIR	9	>TP53-P190F GLAHPQHILIR	12	3
>TP53-P190F GLAPPQHL	61	>TP53-P190F GLAHPQHL	45	16
>TP53-P190F GLAPPQHILI	31	>TP53-P190F GLAHPQHILI	39	8
>TP53-P190F GLAPPQHILIR	7	>TP53-P190F GLAHPQHILIR	8	1
>TP53-P190F GLAPPQHILIR	44	>TP53-P190F GLAHPQHILIR	103	59
>TP53-P190F GLAPPQHL	16	>TP53-P190F GLAHPQHL	35	19
>TP53-P190F GLAPPQHILI	13	>TP53-P190F GLAHPQHILI	28	15
>TP53-P190F GLAPPQHILIR	3	>TP53-P190F GLAHPQHILIR	4	1
>TP53-P190F GLAPPQHL	26	>TP53-P190F GLAHPQHL	32	6
>TP53-P190F GLAPPQHILI	22	>TP53-P190F GLAHPQHILI	35	13
>TP53-P190F GLAPPQHILIR	7	>TP53-P190F GLAHPQHILIR	9	2
>TP53-P190F GLAPPQHL	11	>TP53-P190F GLAHPQHL	19	8
>TP53-P190F GLAPPQHILI	13	>TP53-P190F GLAHPQHILI	30	17
>TP53-P190F GLAPPQHILIR	5	>TP53-P190F GLAHPQHILIR	6	1
>TP53-P190F GLAPPQHL	175	>TP53-P190F GLAHPQHL	958	783
>TP53-P190F GLAPPQHILI	76	>TP53-P190F GLAHPQHILI	817	741
>TP53-P190F GLAPPQHILIR	9	>TP53-P190F GLAHPQHILIR	20	11
>TP53-P190F GLAPPQHL	5	>TP53-P190F GLAHPQHL	9	4
>TP53-P190F GLAPPQHILI	5	>TP53-P190F GLAHPQHILI	13	8
>TP53-P190F GLAPPQHILIR	2	>TP53-P190F GLAHPQHILIR	2	0
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>TP53-P190F SDGLAPPQHL	104	>TP53-P190F SDGLAHPQHL	162	58
>TP53-P190F CSDSDGLAP	1532	>TP53-P190F CSDSDGLAH	88	1444
>TP53-P190L PPQHILIRV	6495	>TP53-P190L LPQHILIRV	167	6328
>TP53-P190L PPQHILIRVEG	11406	>TP53-P190L LPQHILIRVEG	127	11279
>TP53-P190L APPQHILIRV	21273	>TP53-P190L ALPQHILIRV	28	21245
>TP53-P190L APPQHILIRV	27065	>TP53-P190L ALPQHILIRV	30	27035
>TP53-P190L APPQHILIRV	18143	>TP53-P190L ALPQHILIRV	5	18138

>TP53-P190L APPQHLIRV	15293	>TP53-P190L ALPQHLIRV	28	15265
>TP53-P190L APPQHLIRV	8353	>TP53-P190L ALPQHLIRV	3	8350
>TP53-P190L APPQHLIRV	24740	>TP53-P190L ALPQHLIRV	29	24711
>TP53-P190L APPQHLIRV	19756	>TP53-P190L ALPQHLIRV	10	19746
>TP53-P190L APPQHLIRV	25989	>TP53-P190L ALPQHLIRV	101	25888
>TP53-P190L APPQHLIRV	9184	>TP53-P190L ALPQHLIRV	2	9182
>TP53-P190L ERCSDSGLA	17038	>TP53-P190L ERCSDSGLA	85	16953
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>TP53-P190L LAPPQHLIRV	577	>TP53-P190L LALPQHLIRV	75	502
>TP53-P190L LAPPQHLIRV	52	>TP53-P190L LALPQHLIRV	25	27
>TP53-P190L LAPPQHLIR	1307	>TP53-P190L LALPQHLIR	83	1224
>TP53-P190L LAPPQHLIRV	4786	>TP53-P190L LALPQHLIRV	249	4537
>TP53-P190L LAPPQHLI	7452	>TP53-P190L LALPQHLI	246	7206
>TP53-P190L LAPPQHLIRV	10209	>TP53-P190L LALPQHLIRV	432	9777
>TP53-P190L LAPPQHLI	1132	>TP53-P190L LALPQHLI	487	645
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>TP53-P190L GLAPPQHLIR	9	>TP53-P190L GLALPQHLIR	16	7
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>TP53-P190L GLAPPQHLI	31	>TP53-P190L GLALPQHLI	146	115
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>TP53-P190L GLAPPQHLIR	7	>TP53-P190L GLALPQHLIR	16	9
>TP53-P190L GLAPPQHL	11	>TP53-P190L GLALPQHL	24	13
>TP53-P190L GLAPPQHLI	13	>TP53-P190L GLALPQHLI	61	48
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>TP53-P190L GLAPPQHL	175	>TP53-P190L GLALPQHL	473	298
>TP53-P190L GLAPPQHLI	76	>TP53-P190L GLALPQHLI	375	299
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>TP53-P190F APPQHILIRV	28924	>TP53-P190F ARPQHILIRV	203	28721
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>TP53-P190F LAPPQHILIRV	52	>TP53-P190F LARPQHILIRV	97	45
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>TP53-P190F LAPPQHILIR	11089	>TP53-P190F LARPQHILIR	18	11071
>TP53-P190F LAPPQHILIRV	11275	>TP53-P190F LARPQHILIRV	28	11247
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>TP53-P190F LAPPQHILI	5	>TP53-P190F LARPQHILI	4411	4406
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>TP53-P190F GLAPPQHL	22	>TP53-P190F GLARPQHL	45	23
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>TP53-P190F GLAPPQHILI	31	>TP53-P190F GLARPQHILI	105	74
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>TP53-P190F GLAPPQHILI	13	>TP53-P190F GLARPQHILI	24	11
>TP53-P190F GLAPPQHLIR	3	>TP53-P190F GLARPQHLIR	4	1
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>TP53-P190F GLAPPQHILI	13	>TP53-P190F GLARPQHILI	35	22
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>TP53-P190FSDGLAPPQHI	507	>TP53-P190FSDGLARPQHI	281	226
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>TP53-P190FRCSDSGLAF	32797	>TP53-P190FRCSDSGLAF	358	32439
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>TP53-P190SPQHLIRVEG	11406	>TP53-P190SPQHLIRVEG	434	10972
>TP53-P190SAPPQHLIRV	1104	>TP53-P190SAPPQHLIRV	12	1092
>TP53-P190SAPPQHLIRVE	14349	>TP53-P190SAPPQHLIRVE	449	13900
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>TP53-P190SLAPPQHLIRV	395	>TP53-P190SLAPPQHLIRV	435	40
>TP53-P190SLAPPQHLIRV	52	>TP53-P190SLAPPQHLIRV	33	19
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>TP53-P190SLAPPQHLI	70	>TP53-P190SLAPPQHLI	53	17
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>TP53-P190SGLAPPQHLIR'	20	>TP53-P190SGLAPPQHLIR'	19	1
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>TP53-P190SGLAPPQHLIR'	9	>TP53-P190SGLAPPQHLIR'	9	0
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>TP53-P190SGLAPPQHLIR'	7	>TP53-P190SGLAPPQHLIR'	7	0
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>TP53-P190SGLAPPQHLIR'	3	>TP53-P190SGLAPPQHLIR'	3	0
>TP53-P190SGLAPPQHL	26	>TP53-P190SGLAPPQHL	33	7
>TP53-P190SGLAPPQHLI	22	>TP53-P190SGLAPPQHLI	36	14
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>TP53-P190SGLAPPQHLIR'	5	>TP53-P190SGLAPPQHLIR'	6	1
>TP53-P190SGLAPPQHL	175	>TP53-P190SGLAPPQHL	177	2
>TP53-P190SGLAPPQHLI	76	>TP53-P190SGLAPPQHLI	103	27
>TP53-P190SGLAPPQHLIR'	9	>TP53-P190SGLAPPQHLIR'	8	1

>TP53-P190S GLAPPQHL	5	>TP53-P190S GLASPQHL	6	1
>TP53-P190S GLAPPQHLI	5	>TP53-P190S GLASPQHLI	8	3
>TP53-P190S GLAPPQHLIR'	2	>TP53-P190S GLASPQHLIR'	2	0
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>TP53-P190S SDGLAPPQHI	507	>TP53-P190S SDGLASPQHL	251	256
>TP53-P190S SDGLAPPQHI	104	>TP53-P190S SDGLASPQHL	88	16
>TP53-P190S CSDSDGLAP	1532	>TP53-P190S CSDSDGLAS	254	1278
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>TP53-P190T APPQHLIRV	15293	>TP53-P190T ATPQHLIRV	228	15065
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>TP53-P190T APPQHLIRV	18982	>TP53-P190T ATPQHLIRV	391	18591
>TP53-P190T APPQHLIRV	1104	>TP53-P190T ATPQHLIRV	8	1096
>TP53-P190T APPQHLIRVE	14349	>TP53-P190T ATPQHLIRVE	101	14248
>TP53-P190T APPQHLIR	4109	>TP53-P190T ATPQHLIR	257	3852
>TP53-P190T LAPPQHLIRV	395	>TP53-P190T LATPQHLIRV	691	296
>TP53-P190T LAPPQHLIRV	52	>TP53-P190T LATPQHLIRV	26	26
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>TP53-P190T LAPPQHLI	8293	>TP53-P190T LATPQHLI	142	8151
>TP53-P190T LAPPQHLI	5	>TP53-P190T LATPQHLI	581	576
>TP53-P190T LAPPQHLIRV	28	>TP53-P190T LATPQHLIRV	1530	1502
>TP53-P190T LAPPQHLI	70	>TP53-P190T LATPQHLI	62	8
>TP53-P190T GLAPPQHL	285	>TP53-P190T GLATPQHL	354	69
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>TP53-P190T GLAPPQHLIR'	20	>TP53-P190T GLATPQHLIR'	23	3
>TP53-P190T GLAPPQHL	22	>TP53-P190T GLATPQHL	23	1
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>TP53-P190T GLAPPQHLIR'	9	>TP53-P190T GLATPQHLIR'	12	3
>TP53-P190T GLAPPQHL	61	>TP53-P190T GLATPQHL	76	15
>TP53-P190T GLAPPQHLI	31	>TP53-P190T GLATPQHLI	52	21
>TP53-P190T GLAPPQHLIR'	7	>TP53-P190T GLATPQHLIR'	9	2
>TP53-P190T GLAPPQHLIR'	44	>TP53-P190T GLATPQHLIR'	134	90
>TP53-P190T GLAPPQHL	16	>TP53-P190T GLATPQHL	37	21
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>TP53-P190T GLAPPQHL	26	>TP53-P190T GLATPQHL	32	6
>TP53-P190T GLAPPQHLI	22	>TP53-P190T GLATPQHLI	42	20
>TP53-P190T GLAPPQHLIR'	7	>TP53-P190T GLATPQHLIR'	9	2
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>TP53-P190T GLAPPQHLIR'	5	>TP53-P190T GLATPQHLIR'	7	2
>TP53-P190T GLAPPQHL	175	>TP53-P190T GLATPQHL	279	104

>TP53-P190T GLAPPQHLI	76	>TP53-P190T GLATPQHLI	310	234
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>TP53-P190T GLAPPQHL	5	>TP53-P190T GLATPQHL	8	3
>TP53-P190T GLAPPQHLI	5	>TP53-P190T GLATPQHLI	12	7
>TP53-P190T GLAPPQHLIR'	2	>TP53-P190T GLATPQHLIR'	2	0
>TP53-P190T GLAPPQHLIR	282	>TP53-P190T GLATPQHLIR	635	353
>TP53-P190T SDGLAPPQHI	507	>TP53-P190T SDGLATPQHI	154	353
>TP53-P190T SDGLAPPQHI	104	>TP53-P190T SDGLATPQHI	72	32
>TP53-P190T CSDSDGLAP	1532	>TP53-P190T CSDSDGLAT	241	1291
>TP53-P191F APPQHLIRV	759	>TP53-P191F APHQHLIRV	90	669
>TP53-P191F LAPPQHLIRV	395	>TP53-P191F LAPHQHLIRV	986	591
>TP53-P191F LAPPQHLIRV	52	>TP53-P191F LAPHQHLIRV	294	242
>TP53-P191F LAPPQHLI	5	>TP53-P191F LAPHQHLI	20	15
>TP53-P191F LAPPQHLIRV	28	>TP53-P191F LAPHQHLIRV	193	165
>TP53-P191F LAPPQHLI	70	>TP53-P191F LAPHQHLI	264	194
>TP53-P191F GLAPPQHL	285	>TP53-P191F GLAPHQHL	262	23
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>TP53-P191F GLAPPQHLIR'	20	>TP53-P191F GLAPHQHLIR	14	6
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>TP53-P191F GLAPPQHLIR'	9	>TP53-P191F GLAPHQHLIR	4	5
>TP53-P191F GLAPPQHL	61	>TP53-P191F GLAPHQHL	28	33
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>TP53-P191F GLAPPQHLIR'	7	>TP53-P191F GLAPHQHLIR	3	4
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>TP53-P191F GLAPPQHLI	500	>TP53-P191F GLAPHQHLI	203	297
>TP53-P191F GLAPPQHLIR'	44	>TP53-P191F GLAPHQHLIR	28	16
>TP53-P191F GLAPPQHL	16	>TP53-P191F GLAPHQHL	31	15
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>TP53-P191F GLAPPQHLIR'	3	>TP53-P191F GLAPHQHLIR	4	1
>TP53-P191F GLAPPQHL	26	>TP53-P191F GLAPHQHL	38	12
>TP53-P191F GLAPPQHLI	22	>TP53-P191F GLAPHQHLI	16	6
>TP53-P191F GLAPPQHLIR'	7	>TP53-P191F GLAPHQHLIR	6	1
>TP53-P191F GLAPPQHL	11	>TP53-P191F GLAPHQHL	16	5
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>TP53-P191F GLAPPQHLIR'	9	>TP53-P191F GLAPHQHLIR	12	3
>TP53-P191F GLAPPQHL	5	>TP53-P191F GLAPHQHL	4	1
>TP53-P191F GLAPPQHLI	5	>TP53-P191F GLAPHQHLI	4	1
>TP53-P191F GLAPPQHLIR'	2	>TP53-P191F GLAPHQHLIR	2	0
>TP53-P191F GLAPPQHLIR	282	>TP53-P191F GLAPHQHLIR	236	46

>TP53-P191F SDGLAPPQHI	507	>TP53-P191F SDGLAPHQHI	182	325
>TP53-P191F SDGLAPPQHI	104	>TP53-P191F SDGLAPHQHI	56	48
>TP53-P191L PPQHLIRV	23285	>TP53-P191L PLQHLIRV	38	23247
>TP53-P191L PPQHLIRV	24643	>TP53-P191L PLQHLIRV	381	24262
>TP53-P191L PPQHLIRV	25095	>TP53-P191L PLQHLIRV	258	24837
>TP53-P191L PPQHLIRV	24618	>TP53-P191L PLQHLIRV	377	24241
>TP53-P191L PPQHLIRV	27384	>TP53-P191L PLQHLIRV	11	27373
>TP53-P191L APPQHLIRV	759	>TP53-P191L APLQHLIRV	269	490
>TP53-P191L LAPPQHLIRV	395	>TP53-P191L LAPLQHLIRV	493	98
>TP53-P191L LAPPQHLIRV	52	>TP53-P191L LAPLQHLIRV	417	365
>TP53-P191L LAPPQHLI	5	>TP53-P191L LAPLQHLI	20	15
>TP53-P191L LAPPQHLIRV	28	>TP53-P191L LAPLQHLIRV	80	52
>TP53-P191L LAPPQHLI	70	>TP53-P191L LAPLQHLI	500	430
>TP53-P191L GLAPPQHL	285	>TP53-P191L GLAPLQHL	92	193
>TP53-P191L GLAPPQHLI	65	>TP53-P191L GLAPLQHLI	28	37
>TP53-P191L GLAPPQHLIRV	20	>TP53-P191L GLAPLQHLIRV	14	6
>TP53-P191L GLAPPQHL	22	>TP53-P191L GLAPLQHL	6	16
>TP53-P191L GLAPPQHLI	15	>TP53-P191L GLAPLQHLI	3	12
>TP53-P191L GLAPPQHLIRV	9	>TP53-P191L GLAPLQHLIRV	4	5
>TP53-P191L GLAPPQHL	61	>TP53-P191L GLAPLQHL	23	38
>TP53-P191L GLAPPQHLI	31	>TP53-P191L GLAPLQHLI	14	17
>TP53-P191L GLAPPQHLIRV	7	>TP53-P191L GLAPLQHLIRV	5	2
>TP53-P191L GLAPPQHL	755	>TP53-P191L GLAPLQHL	93	662
>TP53-P191L GLAPPQHLI	500	>TP53-P191L GLAPLQHLI	211	289
>TP53-P191L GLAPPQHLIRV	44	>TP53-P191L GLAPLQHLIRV	29	15
>TP53-P191L GLAPPQHL	16	>TP53-P191L GLAPLQHL	25	9
>TP53-P191L GLAPPQHLI	13	>TP53-P191L GLAPLQHLI	25	12
>TP53-P191L GLAPPQHLIRV	3	>TP53-P191L GLAPLQHLIRV	4	1
>TP53-P191L GLAPPQHL	26	>TP53-P191L GLAPLQHL	15	11
>TP53-P191L GLAPPQHLI	22	>TP53-P191L GLAPLQHLI	16	6
>TP53-P191L GLAPPQHLIRV	7	>TP53-P191L GLAPLQHLIRV	6	1
>TP53-P191L GLAPPQHL	11	>TP53-P191L GLAPLQHL	9	2
>TP53-P191L GLAPPQHLI	13	>TP53-P191L GLAPLQHLI	9	4
>TP53-P191L GLAPPQHLIRV	5	>TP53-P191L GLAPLQHLIRV	5	0
>TP53-P191L GLAPPQHL	175	>TP53-P191L GLAPLQHL	135	40
>TP53-P191L GLAPPQHLI	76	>TP53-P191L GLAPLQHLI	79	3
>TP53-P191L GLAPPQHLIRV	9	>TP53-P191L GLAPLQHLIRV	9	0
>TP53-P191L GLAPPQHL	5	>TP53-P191L GLAPLQHL	3	2
>TP53-P191L GLAPPQHLI	5	>TP53-P191L GLAPLQHLI	4	1
>TP53-P191L GLAPPQHLIRV	2	>TP53-P191L GLAPLQHLIRV	2	0
>TP53-P191L GLAPPQHLIRV	282	>TP53-P191L GLAPLQHLIRV	360	78
>TP53-P191L SDGLAPPQHI	507	>TP53-P191L SDGLAPLQHL	141	366
>TP53-P191L SDGLAPPQHI	104	>TP53-P191L SDGLAPLQHL	57	47

>TP53-P191L DSDGLAPP	13598	>TP53-P191L DSDGLAPL	337	13261
>TP53-P191L CSDSDGLAPP	24081	>TP53-P191L CSDSDGLAPL	470	23611
>TP53-P191F PQHLIRVEGN	3922	>TP53-P191F RQHLIRVEGN	256	3666
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>TP53-P191F PQHLIRVEGN	15559	>TP53-P191F RQHLIRVEGN	233	15326
>TP53-P191F RCSDSDGLAF	21834	>TP53-P191F RCSDSDGLAF	157	21677
>TP53-P191F RCSDSDGLAF	29656	>TP53-P191F RCSDSDGLAF	73	29583
>TP53-P191F APPQHLIRV	759	>TP53-P191F APRQHLIRV	17	742
>TP53-P191F LAPPQHLIRV	395	>TP53-P191F LAPRQHLIRV	1253	858
>TP53-P191F LAPPQHLIRV	52	>TP53-P191F LAPRQHLIRV	132	80
>TP53-P191F LAPPQHLI	5	>TP53-P191F LAPRQHLI	25	20
>TP53-P191F LAPPQHLIRV	28	>TP53-P191F LAPRQHLIRV	187	159
>TP53-P191F LAPPQHLI	70	>TP53-P191F LAPRQHLI	275	205
>TP53-P191F GLAPPQHL	285	>TP53-P191F GLAPRQHL	565	280
>TP53-P191F GLAPPQHLI	65	>TP53-P191F GLAPRQHLI	51	14
>TP53-P191F GLAPPQHLIR	20	>TP53-P191F GLAPRQHLIR	18	2
>TP53-P191F GLAPPQHL	22	>TP53-P191F GLAPRQHL	22	0
>TP53-P191F GLAPPQHLI	15	>TP53-P191F GLAPRQHLI	8	7
>TP53-P191F GLAPPQHLIR	9	>TP53-P191F GLAPRQHLIR	6	3
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>TP53-P191F GLAPPQHLI	500	>TP53-P191F GLAPRQHLI	467	33
>TP53-P191F GLAPPQHLIR	44	>TP53-P191F GLAPRQHLIR	41	3
>TP53-P191F GLAPPQHL	16	>TP53-P191F GLAPRQHL	131	115
>TP53-P191F GLAPPQHLI	13	>TP53-P191F GLAPRQHLI	52	39
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>TP53-P191F GLAPPQHL	26	>TP53-P191F GLAPRQHL	99	73
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>TP53-P191F GLAPPQHLIR	7	>TP53-P191F GLAPRQHLIR	8	1
>TP53-P191F GLAPPQHL	11	>TP53-P191F GLAPRQHL	24	13
>TP53-P191F GLAPPQHLI	13	>TP53-P191F GLAPRQHLI	17	4
>TP53-P191F GLAPPQHLIR	5	>TP53-P191F GLAPRQHLIR	6	1
>TP53-P191F GLAPPQHL	175	>TP53-P191F GLAPRQHL	1157	982
>TP53-P191F GLAPPQHLI	76	>TP53-P191F GLAPRQHLI	242	166
>TP53-P191F GLAPPQHLIR	9	>TP53-P191F GLAPRQHLIR	14	5
>TP53-P191F GLAPPQHL	5	>TP53-P191F GLAPRQHL	5	0
>TP53-P191F GLAPPQHLI	5	>TP53-P191F GLAPRQHLI	4	1
>TP53-P191F GLAPPQHLIR	2	>TP53-P191F GLAPRQHLIR	2	0
>TP53-P191F GLAPPQHLIR	282	>TP53-P191F GLAPRQHLIR	241	41
>TP53-P191F SDGLAPPQHI	507	>TP53-P191F SDGLAPRQHI	128	379
>TP53-P191F SDGLAPPQHI	104	>TP53-P191F SDGLAPRQHI	93	11



>TP53-P191F DSDGLAPP	31707	>TP53-P191F DSDGLAPR	157	31550
>TP53-P191F DSDGLAPP	38941	>TP53-P191F DSDGLAPR	283	38658
>TP53-P191F CSDSDGLAPP	38685	>TP53-P191F CSDSDGLAPR	419	38266
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>TP53-P191S LAPPQHLIRV	395	>TP53-P191S LAPSQHLIRV	619	224
>TP53-P191S LAPPQHLIRV	52	>TP53-P191S LAPSQHLIRV	133	81
>TP53-P191S LAPPQHLI	5	>TP53-P191S LAPSQHLI	29	24
>TP53-P191S LAPPQHLIRV	28	>TP53-P191S LAPSQHLIRV	36	8
>TP53-P191S LAPPQHLI	70	>TP53-P191S LAPSQHLI	190	120
>TP53-P191S GLAPPQHL	285	>TP53-P191S GLAPSQHL	201	84
>TP53-P191S GLAPPQHLI	65	>TP53-P191S GLAPSQHLI	42	23
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>TP53-P191S GLAPPQHL	22	>TP53-P191S GLAPSQHL	9	13
>TP53-P191S GLAPPQHLI	15	>TP53-P191S GLAPSQHLI	5	10
>TP53-P191S GLAPPQHLIR'	9	>TP53-P191S GLAPSQHLIR'	5	4
>TP53-P191S GLAPPQHL	61	>TP53-P191S GLAPSQHL	29	32
>TP53-P191S GLAPPQHLI	31	>TP53-P191S GLAPSQHLI	11	20
>TP53-P191S GLAPPQHLIR'	7	>TP53-P191S GLAPSQHLIR'	4	3
>TP53-P191S GLAPPQHL	755	>TP53-P191S GLAPSQHL	262	493
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>TP53-P191S GLAPPQHL	16	>TP53-P191S GLAPSQHL	41	25
>TP53-P191S GLAPPQHLI	13	>TP53-P191S GLAPSQHLI	34	21
>TP53-P191S GLAPPQHLIR'	3	>TP53-P191S GLAPSQHLIR'	4	1
>TP53-P191S GLAPPQHL	26	>TP53-P191S GLAPSQHL	15	11
>TP53-P191S GLAPPQHLI	22	>TP53-P191S GLAPSQHLI	13	9
>TP53-P191S GLAPPQHLIR'	7	>TP53-P191S GLAPSQHLIR'	6	1
>TP53-P191S GLAPPQHL	11	>TP53-P191S GLAPSQHL	10	1
>TP53-P191S GLAPPQHLI	13	>TP53-P191S GLAPSQHLI	12	1
>TP53-P191S GLAPPQHLIR'	5	>TP53-P191S GLAPSQHLIR'	5	0
>TP53-P191S GLAPPQHL	175	>TP53-P191S GLAPSQHL	119	56
>TP53-P191S GLAPPQHLI	76	>TP53-P191S GLAPSQHLI	52	24
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>TP53-P191S GLAPPQHL	5	>TP53-P191S GLAPSQHL	4	1
>TP53-P191S GLAPPQHLI	5	>TP53-P191S GLAPSQHLI	4	1
>TP53-P191S GLAPPQHLIR'	2	>TP53-P191S GLAPSQHLIR'	2	0
>TP53-P191S GLAPPQHLIR	282	>TP53-P191S GLAPSQHLIR	161	121
>TP53-P191S SDGLAPPQHI	507	>TP53-P191S SDGLAPSQHL	149	358
>TP53-P191S SDGLAPPQHI	104	>TP53-P191S SDGLAPSQHL	59	45
>TP53-P191T APPQHLIRV	759	>TP53-P191T APTQHLIRV	225	534
>TP53-P191T LAPPQHLIRV	395	>TP53-P191T LAPTQHLIRV	568	173
>TP53-P191T LAPPQHLIRV	52	>TP53-P191T LAPTQHLIRV	213	161
>TP53-P191T LAPPQHLI	5	>TP53-P191T LAPTQHLI	13	8

>TP53-P191T LAPPQHLIRV	28	>TP53-P191T LAPTQHLIRV	60	32
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>TP53-P191T LAPPQHLI	70	>TP53-P191T LAPTQHLI	297	227
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>TP53-P191T GLAPPQHLI	65	>TP53-P191T GLAPTQHLI	47	18
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>TP53-P191T GLAPPQHLI	15	>TP53-P191T GLAPTQHLI	6	9
>TP53-P191T GLAPPQHLIR'	9	>TP53-P191T GLAPTQHLIR'	6	3
>TP53-P191T GLAPPQHL	61	>TP53-P191T GLAPTQHL	30	31
>TP53-P191T GLAPPQHLI	31	>TP53-P191T GLAPTQHLI	16	15
>TP53-P191T GLAPPQHLIR'	7	>TP53-P191T GLAPTQHLIR'	5	2
>TP53-P191T GLAPPQHL	755	>TP53-P191T GLAPTQHL	221	534
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>TP53-P191T GLAPPQHLIR'	44	>TP53-P191T GLAPTQHLIR'	33	11
>TP53-P191T GLAPPQHL	16	>TP53-P191T GLAPTQHL	26	10
>TP53-P191T GLAPPQHLI	13	>TP53-P191T GLAPTQHLI	19	6
>TP53-P191T GLAPPQHLIR'	3	>TP53-P191T GLAPTQHLIR'	3	0
>TP53-P191T GLAPPQHL	26	>TP53-P191T GLAPTQHL	11	15
>TP53-P191T GLAPPQHLI	22	>TP53-P191T GLAPTQHLI	9	13
>TP53-P191T GLAPPQHLIR'	7	>TP53-P191T GLAPTQHLIR'	5	2
>TP53-P191T GLAPPQHL	11	>TP53-P191T GLAPTQHL	9	2
>TP53-P191T GLAPPQHLI	13	>TP53-P191T GLAPTQHLI	9	4
>TP53-P191T GLAPPQHLIR'	5	>TP53-P191T GLAPTQHLIR'	5	0
>TP53-P191T GLAPPQHL	175	>TP53-P191T GLAPTQHL	69	106
>TP53-P191T GLAPPQHLI	76	>TP53-P191T GLAPTQHLI	30	46
>TP53-P191T GLAPPQHLIR'	9	>TP53-P191T GLAPTQHLIR'	7	2
>TP53-P191T GLAPPQHL	5	>TP53-P191T GLAPTQHL	3	2
>TP53-P191T GLAPPQHLI	5	>TP53-P191T GLAPTQHLI	3	2
>TP53-P191T GLAPPQHLIR'	2	>TP53-P191T GLAPTQHLIR'	2	0
>TP53-P191T GLAPPQHLIR	282	>TP53-P191T GLAPTQHLIR	210	72
>TP53-P191T SDGLAPPQHI	507	>TP53-P191T SDGLAPTQHI	158	349
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>TP53-P219C VPYEPPEV	184	>TP53-P219C VCYEPPEV	39920	39736
>TP53-P219C VPYEPPEV	139	>TP53-P219C VCYEPPEV	8	131
>TP53-P219C VPYEPPEV	1742	>TP53-P219C VCYEPPEV	60	1682
>TP53-P219C VPYEPPEV	2465	>TP53-P219C VCYEPPEV	58	2407
>TP53-P219C VPYEPPEV	266	>TP53-P219C VCYEPPEV	368	102
>TP53-P219C VPYEPPEV	48	>TP53-P219C VCYEPPEV	16127	16079
>TP53-P219C VPYEPPEV	205	>TP53-P219C VCYEPPEV	25076	24871
>TP53-P219C VVPYEPPEV	214	>TP53-P219C VVCYEPPEV	153	61
>TP53-P219C VVPYEPPEV	329	>TP53-P219C VVCYEPPEV	1149	820
>TP53-P219C VVPYEPPEV	56	>TP53-P219C VVCYEPPEV	90	34

>TP53-P219C VVVPYEPPEV	390	>TP53-P219C VVVCYEPPEV	534	144
>TP53-P219C VVVPYEPPEV	136	>TP53-P219C VVVCYEPPEV	157	21
>TP53-P219C VVVPYEPPEV	28	>TP53-P219C VVVCYEPPEV	26	2
>TP53-P219C VVVPYEPPEV	828	>TP53-P219C VVVCYEPPEV	168	660
>TP53-P219C VVVPYEPPEV	72	>TP53-P219C VVVCYEPPEV	195	123
>TP53-P219C VVVPYEPPEV	9	>TP53-P219C VVVCYEPPEV	34	25
>TP53-P219C VVVPYEPPEV	353	>TP53-P219C VVVCYEPPEV	206	147
>TP53-P219C SVVVPYEPPE	1177	>TP53-P219C SVVVCYEPPE	307	870
>TP53-P219C SVVVPYEPPE	515	>TP53-P219C SVVVCYEPPE	242	273
>TP53-P219C SVVVPYEPPE	75	>TP53-P219C SVVVCYEPPE	39	36
>TP53-P219C SVVVPYEPPE	92	>TP53-P219C SVVVCYEPPE	304	212
>TP53-P219C SVVVPYEPPE	129	>TP53-P219C SVVVCYEPPE	145	16
>TP53-P219C SVVVPYEPPE	57	>TP53-P219C SVVVCYEPPE	48	9
>TP53-P219C SVVVPYEPPE	81	>TP53-P219C SVVVCYEPPE	98	17
>TP53-P219C SVVVPYEPPE	26	>TP53-P219C SVVVCYEPPE	110	84
>TP53-P219C RHSVVVPY	23	>TP53-P219C RHSVVVCY	54	31
>TP53-P219C RHSVVVPY	2323	>TP53-P219C RHSVVVCY	390	1933
>TP53-P219C RHSVVVPY	413	>TP53-P219C RHSVVVCY	1907	1494
>TP53-P219C FRHSVVVPY	4	>TP53-P219C FRHSVVVCY	8	4
>TP53-P219C FRHSVVVPY	33	>TP53-P219C FRHSVVVCY	65	32
>TP53-P219C TFRHSVVVPY	185	>TP53-P219C TFRHSVVVCY	188	3
>TP53-P219C TFRHSVVVPY	162	>TP53-P219C TFRHSVVVCY	1358	1196
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>TP53-P219C TFRHSVVVPY	225	>TP53-P219C TFRHSVVVCY	812	587
>TP53-P219C TFRHSVVVPY	271	>TP53-P219C TFRHSVVVCY	573	302
>TP53-P219C NTFRHSVVVF	128	>TP53-P219C NTFRHSVVVC	378	250
>TP53-P219C NTFRHSVVVF	97	>TP53-P219C NTFRHSVVVC	1301	1204
>TP53-P219C NTFRHSVVVF	123	>TP53-P219C NTFRHSVVVC	164	41
>TP53-P219C NTFRHSVVVF	82	>TP53-P219C NTFRHSVVVC	148	66
>TP53-P219C NTFRHSVVVF	61	>TP53-P219C NTFRHSVVVC	832	771
>TP53-P219C NTFRHSVVVF	34	>TP53-P219C NTFRHSVVVC	41	7
>TP53-P219C NTFRHSVVVF	65	>TP53-P219C NTFRHSVVVC	196	131
>TP53-P219C NTFRHSVVVF	492	>TP53-P219C NTFRHSVVVC	1934	1442
>TP53-P219C NTFRHSVVVF	33	>TP53-P219C NTFRHSVVVC	85	52
>TP53-P219C NTFRHSVVVF	23	>TP53-P219C NTFRHSVVVC	220	197
>TP53-P219C NTFRHSVVVF	105	>TP53-P219C NTFRHSVVVC	577	472
>TP53-P219C NTFRHSVVVF	289	>TP53-P219C NTFRHSVVVC	275	14
>TP53-P219C NTFRHSVVVF	23	>TP53-P219C NTFRHSVVVC	189	166
>TP53-P219F VPYEPPEV	184	>TP53-P219F VHYPPEV	34269	34085
>TP53-P219F VPYEPPEV	139	>TP53-P219F VHYPPEV	66	73
>TP53-P219F VPYEPPEV	266	>TP53-P219F VHYPPEV	12875	12609
>TP53-P219F VPYEPPEV	48	>TP53-P219F VHYPPEV	7085	7037
>TP53-P219F VPYEPPEV	205	>TP53-P219F VHYPPEV	22594	22389

>TP53-P219F VVPYEPPEV	662	>TP53-P219F VVHYEPPEV	295	367
>TP53-P219F VVPYEPPEV	214	>TP53-P219F VVHYEPPEV	104	110
>TP53-P219F VVPYEPPEV	329	>TP53-P219F VVHYEPPEV	490	161
>TP53-P219F VVPYEPPEV	56	>TP53-P219F VVHYEPPEV	53	3
>TP53-P219F VVVPYEPPEV	390	>TP53-P219F VVVHYEPPEV	619	229
>TP53-P219F VVVPYEPPEV	136	>TP53-P219F VVVHYEPPEV	278	142
>TP53-P219F VVVPYEPPEV	28	>TP53-P219F VVVHYEPPEV	55	27
>TP53-P219F VVVPYEPPEV	72	>TP53-P219F VVVHYEPPEV	155	83
>TP53-P219F VVVPYEPPEV	9	>TP53-P219F VVVHYEPPEV	22	13
>TP53-P219F VVVPYEPPEV	353	>TP53-P219F VVVHYEPPEV	655	302
>TP53-P219F SVVVPYEPPE	515	>TP53-P219F SVVVHYEPPE	107	408
>TP53-P219F SVVVPYEPPE	75	>TP53-P219F SVVVHYEPPE	40	35
>TP53-P219F SVVVPYEPPE	92	>TP53-P219F SVVVHYEPPE	146	54
>TP53-P219F SVVVPYEPPE	129	>TP53-P219F SVVVHYEPPE	220	91
>TP53-P219F SVVVPYEPPE	57	>TP53-P219F SVVVHYEPPE	57	0
>TP53-P219F SVVVPYEPPE	81	>TP53-P219F SVVVHYEPPE	166	85
>TP53-P219F SVVVPYEPPE	26	>TP53-P219F SVVVHYEPPE	46	20
>TP53-P219F RHSVVVPY	642	>TP53-P219F RHSVVVHY	345	297
>TP53-P219F RHSVVVPY	1776	>TP53-P219F RHSVVVHY	366	1410
>TP53-P219F RHSVVVPY	23	>TP53-P219F RHSVVVHY	56	33
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>TP53-P219F FRHSVVVP	690	>TP53-P219F FRHSVVVH	200	490
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>TP53-P219F FRHSVVVPY	33	>TP53-P219F FRHSVVVHY	40	7
>TP53-P219F TFRHSVVVPY	185	>TP53-P219F TFRHSVVVHY	206	21
>TP53-P219F TFRHSVVVPY	162	>TP53-P219F TFRHSVVVHY	310	148
>TP53-P219F TFRHSVVVPY	140	>TP53-P219F TFRHSVVVHY	179	39
>TP53-P219F TFRHSVVVPY	225	>TP53-P219F TFRHSVVVHY	908	683
>TP53-P219F TFRHSVVVPY	271	>TP53-P219F TFRHSVVVHY	677	406
>TP53-P219F NTFRHSVVVF	128	>TP53-P219F NTFRHSVVVF	517	389
>TP53-P219F NTFRHSVVVF	97	>TP53-P219F NTFRHSVVVF	264	167
>TP53-P219F NTFRHSVVVF	123	>TP53-P219F NTFRHSVVVF	89	34
>TP53-P219F NTFRHSVVVF	82	>TP53-P219F NTFRHSVVVF	68	14
>TP53-P219F NTFRHSVVVF	61	>TP53-P219F NTFRHSVVVF	578	517
>TP53-P219F NTFRHSVVVF	34	>TP53-P219F NTFRHSVVVF	37	3
>TP53-P219F NTFRHSVVVF	766	>TP53-P219F NTFRHSVVVF	291	475
>TP53-P219F NTFRHSVVVF	65	>TP53-P219F NTFRHSVVVF	75	10
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>TP53-P219F NTFRHSVVVF	33	>TP53-P219F NTFRHSVVVF	83	50
>TP53-P219F NTFRHSVVVF	23	>TP53-P219F NTFRHSVVVF	43	20
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>TP53-P219L VPYEPPEV	6811	>TP53-P219L VLYEPPEV	24	6787
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>TP53-P219L VPYEPPEVG	20941	>TP53-P219L VLYEPPEVG	20	20921
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>TP53-P219L TFRHSVVVPY	140	>TP53-P219L TFRHSVVVLY	1122	982
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>TP53-P219T VPYEPPEV	2465	>TP53-P219T VTYEPPEV	18	2447
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>TP53-P219T NTFRHSVVVF	128	>TP53-P219T NTFRHSVVVT	419	291
>TP53-P219T NTFRHSVVVF	845	>TP53-P219T NTFRHSVVVT	347	498
>TP53-P219T NTFRHSVVVF	97	>TP53-P219T NTFRHSVVVT	268	171
>TP53-P219T NTFRHSVVVF	123	>TP53-P219T NTFRHSVVVT	213	90
>TP53-P219T NTFRHSVVVF	82	>TP53-P219T NTFRHSVVVT	95	13
>TP53-P219T NTFRHSVVVF	61	>TP53-P219T NTFRHSVVVT	37	24
>TP53-P219T NTFRHSVVVF	34	>TP53-P219T NTFRHSVVVT	30	4
>TP53-P219T NTFRHSVVVF	21062	>TP53-P219T NTFRHSVVVT	391	20671
>TP53-P219T NTFRHSVVVF	65	>TP53-P219T NTFRHSVVVT	96	31
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>TP53-P219T NTFRHSVVVF	33	>TP53-P219T NTFRHSVVVT	50	17
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>TP53-P219T NTFRHSVVVF	105	>TP53-P219T NTFRHSVVVT	169	64
>TP53-P219T NTFRHSVVVF	289	>TP53-P219T NTFRHSVVVT	39	250
>TP53-P219T NTFRHSVVVF	23	>TP53-P219T NTFRHSVVVT	19	4
>TP53-P222A FRHSVVVPYE	1718	>TP53-P222A FRHSVVVPYE	380	1338
>TP53-P222A YEPPEVGSDC	1359	>TP53-P222A YEAPVGSDC	371	988
>TP53-P222A VPYEPPEV	184	>TP53-P222A VPYEAPEV	17	167
>TP53-P222A VPYEPPEV	139	>TP53-P222A VPYEAPEV	416	277
>TP53-P222A VPYEPPEV	266	>TP53-P222A VPYEAPEV	269	3
>TP53-P222A VPYEPPEV	48	>TP53-P222A VPYEAPEV	48	0
>TP53-P222A VPYEPPEV	205	>TP53-P222A VPYEAPEV	249	44
>TP53-P222A VVPYEPPEV	507	>TP53-P222A VVPYEAPEV	73	434
>TP53-P222A VVPYEPPEV	214	>TP53-P222A VVPYEAPEV	616	402

>TP53-P222AVVPYEPPEV	329	>TP53-P222AVVPYEAPEV	374	45
>TP53-P222AVVPYEPPEV	56	>TP53-P222AVVPYEAPEV	48	8
>TP53-P222AVVVPYEPPEV	390	>TP53-P222AVVVPYEAPEV	1354	964
>TP53-P222AVVVPYEPPEV	136	>TP53-P222AVVVPYEAPEV	254	118
>TP53-P222AVVVPYEPPEV	28	>TP53-P222AVVVPYEAPEV	49	21
>TP53-P222AVVVPYEPPEV	72	>TP53-P222AVVVPYEAPEV	157	85
>TP53-P222AVVVPYEPPEV	9	>TP53-P222AVVVPYEAPEV	8	1
>TP53-P222AVVVPYEPPEV	353	>TP53-P222AVVVPYEAPEV	327	26
>TP53-P222ASVVPYEPPEV	75	>TP53-P222ASVVPYEAPEV	32	43
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>TP53-P222ASVVPYEPPEV	129	>TP53-P222ASVVPYEAPEV	169	40
>TP53-P222ASVVPYEPPEV	57	>TP53-P222ASVVPYEAPEV	55	2
>TP53-P222ASVVPYEP	7528	>TP53-P222ASVVPYEA	37	7491
>TP53-P222ASVVPYEPPEV	81	>TP53-P222ASVVPYEAPEV	83	2
>TP53-P222ASVVPYEPPEV	26	>TP53-P222ASVVPYEAPEV	21	5
>TP53-P222ASVVPYEP	7319	>TP53-P222ASVVPYEA	32	7287
>TP53-P222L PPEVGS DCTT	4109	>TP53-P222L PPEVGS DCTT	161	3948
>TP53-P222L PPEVGS DCTT	657	>TP53-P222L PPEVGS DCTT	73	584
>TP53-P222L FRHSVVPYEV	1625	>TP53-P222L FRHSVVPYEV	43	1582
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>TP53-P222L FRHSVVPYEV	5128	>TP53-P222L FRHSVVPYEV	11	5117
>TP53-P222L FRHSVVPYEV	7050	>TP53-P222L FRHSVVPYEV	228	6822
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>TP53-P222L YEPPEVGS DC	1359	>TP53-P222L YELPEVGS DC	167	1192
>TP53-P222L VPYEPPEV	184	>TP53-P222L VPYELPEV	123	61
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>TP53-P222L VPYEPPEV	266	>TP53-P222L VPYELPEV	327	61
>TP53-P222L VPYEPPEV	48	>TP53-P222L VPYELPEV	47	1
>TP53-P222L VPYEPPEV	205	>TP53-P222L VPYELPEV	161	44
>TP53-P222L VVPYEPPEV	923	>TP53-P222L VVPYELPEV	191	732
>TP53-P222L VVPYEPPEV	662	>TP53-P222L VVPYELPEV	206	456
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>TP53-P222L VVPYEPPEV	214	>TP53-P222L VVPYELPEV	223	9
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>TP53-P222L VVPYEPPEV	56	>TP53-P222L VVPYELPEV	25	31
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>TP53-P222L VVVPYEPPEV	353	>TP53-P222L VVVPYELPEV	425	72
>TP53-P222L SVVPYEPPEV	515	>TP53-P222L SVVPYELPEV	335	180

>TP53-P222L SVVVPYEPPE	75	>TP53-P222L SVVVPYELPE	19	56
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>TP53-P222L SVVVPYEPPE	129	>TP53-P222L SVVVPYELPE	100	29
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>TP53-P222L HSVVVPYEP	22502	>TP53-P222L HSVVVPYEL	263	22239
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>TP53-P222L RHSVVPYEP	8589	>TP53-P222L RHSVVPYEL	381	8208
>TP53-P222L RHSVVPYEP	13061	>TP53-P222L RHSVVPYEL	94	12967
>TP53-P222C VPYEPPEV	184	>TP53-P222C VPYEQPEV	96	88
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>TP53-P222C VVPYEPPEV	507	>TP53-P222C VVPYEQPEV	259	248
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>TP53-P222C VVPYEPPEV	56	>TP53-P222C VVPYEQPEV	38	18
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>TP53-P222C VVVPYEPPEV	136	>TP53-P222C VVVPYEQPEV	441	305
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>TP53-P222C SVVVPYEPPE	81	>TP53-P222C SVVVPYEQPE	70	11
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>TP53-P222S VPYEPPEV	139	>TP53-P222S VPYESPEV	356	217
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>TP53-P222S VPYEPPEV	48	>TP53-P222S VPYESPEV	53	5
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>TP53-P222S VVPYEPPEV	56	>TP53-P222S VVPYESPEV	45	11
>TP53-P222S VVVPYEPPEV	390	>TP53-P222S VVVPYESPEV	749	359
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>TP53-P222S VVVPYEPPEV	28	>TP53-P222S VVVPYESPEV	49	21
>TP53-P222S VVVPYEPPEV	72	>TP53-P222S VVVPYESPEV	128	56
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>TP53-P222S SVVVPYEPPE'	75	>TP53-P222S SVVVPYESPE'	32	43
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>TP53-P222S SVVVPYEPPE'	129	>TP53-P222S SVVVPYESPE'	109	20
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>TP53-P222S SVVVPYEPPE'	81	>TP53-P222S SVVVPYESPE'	63	18
>TP53-P222S SVVVPYEPPE'	26	>TP53-P222S SVVVPYESPE'	22	4
>TP53-P222T PPEVGS DCTT	657	>TP53-P222T TPEVGS DCTT	431	226
>TP53-P222T EPPEVGS DCT	26579	>TP53-P222T ETPEVGS DCT	265	26314
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>TP53-P222T VPYEPPEV	184	>TP53-P222T VPYETPEV	123	61
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>TP53-P222T VPYEPPEV	266	>TP53-P222T VPYETPEV	238	28
>TP53-P222T VPYEPPEV	48	>TP53-P222T VPYETPEV	51	3
>TP53-P222T VPYEPPEV	205	>TP53-P222T VPYETPEV	223	18
>TP53-P222T VVPYEPPEV	662	>TP53-P222T VVPYETPEV	428	234
>TP53-P222T VVPYEPPEV	507	>TP53-P222T VVPYETPEV	52	455
>TP53-P222T VVPYEPPEV	214	>TP53-P222T VVPYETPEV	409	195
>TP53-P222T VVPYEPPEV	329	>TP53-P222T VVPYETPEV	216	113
>TP53-P222T VVPYEPPEV	56	>TP53-P222T VVPYETPEV	33	23
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>TP53-P222T SVVVPYEPPE'	129	>TP53-P222T SVVVPYETPE'	92	37
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>TP53-P222T SVVVPYEP	7528	>TP53-P222T SVVVPYET	499	7029
>TP53-P222T SVVVPYEPPE'	81	>TP53-P222T SVVVPYETPE'	51	30
>TP53-P222T SVVVPYEPPE'	26	>TP53-P222T SVVVPYETPE'	19	7
>TP53-P223A PEVGS DCTTI	1029	>TP53-P223A AEVGS DCTTI	390	639
>TP53-P223A PEVGS DCT	10640	>TP53-P223A AEVGS DCT	318	10322

>TP53-P223A PEVGSDCTT	9294	>TP53-P223A AEVGSDCTT	218	9076
>TP53-P223A PEVGSDCTTI	1090	>TP53-P223A AEVGSDCTTI	209	881
>TP53-P223A PEVGSDCTTI	15771	>TP53-P223A AEVGSDCTTI	444	15327
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>TP53-P223A PEVGSDCTTII	6826	>TP53-P223A AEVGSDCTTII	315	6511
>TP53-P223A PEVGSDCT	3668	>TP53-P223A AEVGSDCT	24	3644
>TP53-P223A PEVGSDCTT	13628	>TP53-P223A AEVGSDCTT	121	13507
>TP53-P223A PEVGSDCTTI	342	>TP53-P223A AEVGSDCTTI	9	333
>TP53-P223A EPPEVGSDCT	1520	>TP53-P223A EPAEVGSDCT	121	1399
>TP53-P223A YEPPEVGSDC	1359	>TP53-P223A YEPAEVGSDC	469	890
>TP53-P223A VPYEPPEV	184	>TP53-P223A VPYEPAEV	607	423
>TP53-P223A VPYEPPEV	139	>TP53-P223A VPYEPAEV	241	102
>TP53-P223A VPYEPPEV	266	>TP53-P223A VPYEPAEV	280	14
>TP53-P223A VPYEPPEV	48	>TP53-P223A VPYEPAEV	59	11
>TP53-P223A VPYEPPEV	205	>TP53-P223A VPYEPAEV	327	122
>TP53-P223A VVPYEPPEV	662	>TP53-P223A VVPYEPAEV	131	531
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>TP53-P223A VVPYEPPEV	56	>TP53-P223A VVPYEPAEV	83	27
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>TP53-P223A VVVPYEPPEV	390	>TP53-P223A VVVPYEPAEV	120	270
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>TP53-P223A VVVPYEPPEV	136	>TP53-P223A VVVPYEPAEV	236	100
>TP53-P223A VVVPYEPPEV	28	>TP53-P223A VVVPYEPAEV	31	3
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>TP53-P223A VVVPYEPPEV	9	>TP53-P223A VVVPYEPAEV	9	0
>TP53-P223A VVVPYEPPEV	14007	>TP53-P223A VVVPYEPAEV	329	13678
>TP53-P223A VVVPYEPPEV	353	>TP53-P223A VVVPYEPAEV	768	415
>TP53-P223A SVVVPYEPPEV	515	>TP53-P223A SVVVPYEPAEV	188	327
>TP53-P223A SVVVPYEPPEV	10454	>TP53-P223A SVVVPYEPAEV	289	10165
>TP53-P223A SVVVPYEPPEV	75	>TP53-P223A SVVVPYEPAEV	116	41
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>TP53-P223A SVVVPYEPPEV	57	>TP53-P223A SVVVPYEPAEV	67	10
>TP53-P223A SVVVPYEPPEV	3901	>TP53-P223A SVVVPYEPAEV	17	3884
>TP53-P223A SVVVPYEPPEV	81	>TP53-P223A SVVVPYEPAEV	15	66
>TP53-P223A SVVVPYEPPEV	11174	>TP53-P223A SVVVPYEPAEV	243	10931
>TP53-P223A SVVVPYEPPEV	26	>TP53-P223A SVVVPYEPAEV	37	11
>TP53-P223F PEVGSDCTTI	1029	>TP53-P223F HEVGSDCTTI	76	953
>TP53-P223F PEVGSDCT	10640	>TP53-P223F HEVGSDCT	327	10313
>TP53-P223F PEVGSDCTT	9294	>TP53-P223F HEVGSDCTT	179	9115
>TP53-P223F PEVGSDCTTI	1090	>TP53-P223F HEVGSDCTTI	227	863
>TP53-P223F PEVGSDCT	3668	>TP53-P223F HEVGSDCT	183	3485

>TP53-P223F PEVGSDCTTI	342	>TP53-P223F HEVGSDCTTI	36	306
>TP53-P223F EPPEVGSDCT	1520	>TP53-P223F EPHEVGSDCT	447	1073
>TP53-P223F VPYEPPEV	184	>TP53-P223F VPYEPHEV	173	11
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>TP53-P223F VPYEPPEV	266	>TP53-P223F VPYEPHEV	191	75
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>TP53-P223F VPYEPPEV	48	>TP53-P223F VPYEPHEV	57	9
>TP53-P223F VPYEPPEV	205	>TP53-P223F VPYEPHEV	221	16
>TP53-P223F VVPYEPPEV	662	>TP53-P223F VVPYEPHEV	276	386
>TP53-P223F VVPYEPPEV	214	>TP53-P223F VVPYEPHEV	135	79
>TP53-P223F VVPYEPPEV	329	>TP53-P223F VVPYEPHEV	588	259
>TP53-P223F VVPYEPPEV	56	>TP53-P223F VVPYEPHEV	31	25
>TP53-P223F VVPYEPPEV	2736	>TP53-P223F VVPYEPHEV	117	2619
>TP53-P223F VVVPYEPPEV	390	>TP53-P223F VVVPYEPHEV	256	134
>TP53-P223F VVVPYEPPEV	136	>TP53-P223F VVVPYEPHEV	286	150
>TP53-P223F VVVPYEPPEV	28	>TP53-P223F VVVPYEPHEV	24	4
>TP53-P223F VVVPYEPPEV	828	>TP53-P223F VVVPYEPHEV	320	508
>TP53-P223F VVVPYEPPEV	72	>TP53-P223F VVVPYEPHEV	95	23
>TP53-P223F VVVPYEPPEV	9	>TP53-P223F VVVPYEPHEV	6	3
>TP53-P223F VVVPYEPPEV	353	>TP53-P223F VVVPYEPHEV	387	34
>TP53-P223F SVVVPYEPPE	515	>TP53-P223F SVVVPYEPHE	301	214
>TP53-P223F SVVVPYEPPE	75	>TP53-P223F SVVVPYEPHE	88	13
>TP53-P223F SVVVPYEPPE	92	>TP53-P223F SVVVPYEPHE	63	29
>TP53-P223F SVVVPYEPPE	129	>TP53-P223F SVVVPYEPHE	199	70
>TP53-P223F SVVVPYEPPE	57	>TP53-P223F SVVVPYEPHE	35	22
>TP53-P223F SVVVPYEPPE	81	>TP53-P223F SVVVPYEPHE	13	68
>TP53-P223F SVVVPYEPPE	26	>TP53-P223F SVVVPYEPHE	21	5
>TP53-P223L PEVGSDCTTI	1029	>TP53-P223L LEVGSDCTTI	100	929
>TP53-P223L PEVGSDCTTI	1090	>TP53-P223L LEVGSDCTTI	428	662
>TP53-P223L PEVGSDCTTI	342	>TP53-P223L LEVGSDCTTI	26	316
>TP53-P223L RHSVVPYEP	4837	>TP53-P223L RHSVVPYEP	177	4660
>TP53-P223L RHSVVPYEP	16523	>TP53-P223L RHSVVPYEP	170	16353
>TP53-P223L EPPEVGSDCT	1520	>TP53-P223L EPLEVGSDCT	244	1276
>TP53-P223L YEPPEVGSDC	1359	>TP53-P223L YEPLEVGSDC	373	986
>TP53-P223L VPYEPPEV	184	>TP53-P223L VPYEPLEV	414	230
>TP53-P223L VPYEPPEV	139	>TP53-P223L VPYEPLEV	232	93
>TP53-P223L VPYEPPEV	266	>TP53-P223L VPYEPLEV	390	124
>TP53-P223L VPYEPPEV	48	>TP53-P223L VPYEPLEV	52	4
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>TP53-P223L VVPYEPPEV	662	>TP53-P223L VVPYEPLEV	485	177
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>TP53-P223L VVPYEPPEV	329	>TP53-P223L VVPYEPLEV	1460	1131
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>TP53-P223L VVVPYEPP	13435	>TP53-P223L VVVPYEPL	45	13390
>TP53-P223L VVVPYEPPEV	797	>TP53-P223L VVVPYEPLEV	446	351
>TP53-P223L VVVPYEPP	18506	>TP53-P223L VVVPYEPL	468	18038
>TP53-P223L VVVPYEPPEV	390	>TP53-P223L VVVPYEPLEV	133	257
>TP53-P223L VVVPYEPP	6646	>TP53-P223L VVVPYEPL	48	6598
>TP53-P223L VVVPYEPPEV	136	>TP53-P223L VVVPYEPLEV	99	37
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>TP53-P223L VVVPYEPPEV	72	>TP53-P223L VVVPYEPLEV	201	129
>TP53-P223L VVVPYEPP	29728	>TP53-P223L VVVPYEPL	253	29475
>TP53-P223L VVVPYEPPEV	9	>TP53-P223L VVVPYEPLEV	13	4
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>TP53-P223L VVVPYEPPEV	353	>TP53-P223L VVVPYEPLEV	1153	800
>TP53-P223L VVVPYEPP	22708	>TP53-P223L VVVPYEPL	292	22416
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>TP53-P223L SVVVPYEPP	5160	>TP53-P223L SVVVPYEPL	157	5003
>TP53-P223L SVVVPYEPPE	515	>TP53-P223L SVVVPYEPL\	442	73
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>TP53-P223L SVVVPYEPPE	75	>TP53-P223L SVVVPYEPL\	121	46
>TP53-P223L SVVVPYEPPE	92	>TP53-P223L SVVVPYEPL\	162	70
>TP53-P223L SVVVPYEPPE	129	>TP53-P223L SVVVPYEPL\	364	235
>TP53-P223L SVVVPYEPPE	57	>TP53-P223L SVVVPYEPL\	111	54
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>TP53-P223L SVVVPYEPP	3901	>TP53-P223L SVVVPYEPL	15	3886
>TP53-P223L SVVVPYEPPE	81	>TP53-P223L SVVVPYEPL\	46	35
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>TP53-P223L SVVVPYEPPE	26	>TP53-P223L SVVVPYEPL\	59	33
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>TP53-P223L HSVVVPYEPP	23760	>TP53-P223L HSVVVPYEPL	478	23282
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>TP53-P223F PEVGSDCTT	11826	>TP53-P223F REVGSDCTT	320	11506
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>TP53-P223F PEVGSDCT	3668	>TP53-P223F REVGSDCT	108	3560
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>TP53-P223F RHSVVVPYEP	22698	>TP53-P223F RHSVVVPYEP	197	22501
>TP53-P223F RHSVVVPYEP	35374	>TP53-P223F RHSVVVPYEP	399	34975
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>TP53-P223F VPYEPPEV	139	>TP53-P223F VPYEPREV	1286	1147
>TP53-P223F VPYEPPEV	266	>TP53-P223F VPYEPREV	1167	901
>TP53-P223F VPYEPPEV	1481	>TP53-P223F VPYEPREV	152	1329
>TP53-P223F VPYEPPEV	48	>TP53-P223F VPYEPREV	114	66
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>TP53-P223FVVVPYEPPEV	23501	>TP53-P223FVVVPYEPREV	80	23421
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>TP53-P250A RRPILTII	33	>TP53-P250A RRAILTII	9	24
>TP53-P250A RRPILTIIT	86	>TP53-P250A RRAILTIIT	52	34
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>TP53-P250A NRRPILTII	224	>TP53-P250A NRRAILTII	438	214
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>TP53-P250F PILTIITL	3480	>TP53-P250F FILTIITL	60	3420
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>TP53-P250F PILTIITL	2805	>TP53-P250F FILTIITL	11	2794
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>TP53-P250F RRPILTII	5895	>TP53-P250F RRFILTII	375	5520
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>TP53-P250F RRPILTII	1610	>TP53-P250F RRFILTII	84	1526
>TP53-P250F RRPILTIITL	921	>TP53-P250F RRFILTIITL	43	878
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>TP53-P250F RRPILTIITL	2520	>TP53-P250F RRFILTIITL	66	2454
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>TP53-P250F RRPILTII	33	>TP53-P250F RRFILTII	10	23
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>TP53-P250F RRPILTII	1621	>TP53-P250F RRFILTII	203	1418
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>TP53-P250F GMNRRPILTI	185	>TP53-P250F GMNRRFILTII	194	9
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>TP53-P250F GMNRRPILTIIT	213	>TP53-P250F GMNRRFILTIIIT	132	81
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>TP53-P250F GMNRRPILTIIT	61	>TP53-P250F GMNRRFILTIIIT	63	2
>TP53-P250F GMNRRPILTIIT	13	>TP53-P250F GMNRRFILTIIIT	11	2
>TP53-P250F GMNRRPILTIIT	229	>TP53-P250F GMNRRFILTIIIT	166	63
>TP53-P250F GMNRRPILTIIT	10	>TP53-P250F GMNRRFILTIIIT	14	4
>TP53-P250F GMNRRPILTIIT	93	>TP53-P250F GMNRRFILTIIIT	138	45
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>TP53-P250F GMNRRPILTIIT	21	>TP53-P250F GMNRRFILTIIIT	17	4
>TP53-P250F GMNRRPILTIIT	53	>TP53-P250F GMNRRFILTIIIT	52	1
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>TP53-P250F GMNRRPILTIIT	66	>TP53-P250F GMNRRFILTIIIT	61	5
>TP53-P250F GMNRRPILTIIT	192	>TP53-P250F GMNRRFILTIIIT	225	33
>TP53-P250F GMNRRPILTIIT	32	>TP53-P250F GMNRRFILTIIIT	25	7
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>TP53-P250F GMNRRPILTIIT	43	>TP53-P250F GMNRRFILTIIIT	24	19
>TP53-P250F GMNRRPILTIIT	102	>TP53-P250F GMNRRFILTIIIT	114	12
>TP53-P250F GMNRRPILTIIT	147	>TP53-P250F GMNRRFILTIIIT	124	23
>TP53-P250F GGMNRRPIL	444	>TP53-P250F GGMNRRFIL	577	133
>TP53-P250F GGMNRRPILTI	538	>TP53-P250F GGMNRRFILTII	488	50
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>TP53-P250F CMGGMNRR	88	>TP53-P250F CMGGMNRR	77	11
>TP53-P250F SCMGGMNR	24508	>TP53-P250F SCMGGMNR	272	24236
>TP53-P250F PILTIITL	5272	>TP53-P250F HILTIITL	220	5052
>TP53-P250F PILTIITL	2805	>TP53-P250F HILTIITL	110	2695
>TP53-P250F PILTIITL	508	>TP53-P250F HILTIITL	84	424
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>TP53-P250F PILTIITL	1435	>TP53-P250F HILTIITL	214	1221
>TP53-P250F PILTIITL	1459	>TP53-P250F HILTIITL	485	974
>TP53-P250F PILTIITL	906	>TP53-P250F HILTIITL	78	828
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>TP53-P250F PILTIITL	6858	>TP53-P250F HILTIITL	196	6662
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>TP53-P250F RPILTIITL	1974	>TP53-P250F RHILTIITL	200	1774
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>TP53-P250F RPILTIITL	66	>TP53-P250F RHILTIITL	20	46
>TP53-P250F RPILTIITL	89	>TP53-P250F RHILTIITL	12419	12330
>TP53-P250F RPILTIITL	975	>TP53-P250F RHILTIITL	235	740
>TP53-P250F RPILTIITL	915	>TP53-P250F RHILTIITL	142	773
>TP53-P250F RRPILTII	1610	>TP53-P250F RRHILTII	263	1347
>TP53-P250F RRPILTIITL	921	>TP53-P250F RRHILTIITL	127	794
>TP53-P250F RRPILTII	220	>TP53-P250F RRHILTII	36	184
>TP53-P250F RRPILTIIT	2370	>TP53-P250F RRHILTIIT	335	2035
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>TP53-P250F RRPILTIITL	2464	>TP53-P250F RRHILTIITL	396	2068
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>TP53-P250F RRPILTIITL	492	>TP53-P250F RRHILTIITL	22440	21948
>TP53-P250F RRPILTII	33	>TP53-P250F RRHILTII	11	22
>TP53-P250F RRPILTIIT	86	>TP53-P250F RRHILTIIT	65	21
>TP53-P250F RRPILTIITL	16	>TP53-P250F RRHILTIITL	12	4
>TP53-P250F RRPILTIITL	129	>TP53-P250F RRHILTIITL	88	41
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>TP53-P250F RRPILTIIT	329	>TP53-P250F RRHILTIIT	257	72
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>TP53-P250F RRPILTIITL	467	>TP53-P250F RRHILTIITL	319	148
>TP53-P250F NRRPILTIITL	710	>TP53-P250F NRRHILTIITL	355	355
>TP53-P250F NRRPILTII	281	>TP53-P250F NRRHILTII	295	14
>TP53-P250F NRRPILTIITL	50	>TP53-P250F NRRHILTIITL	54	4
>TP53-P250F NRRPILTII	224	>TP53-P250F NRRHILTII	644	420
>TP53-P250F NRRPILTIITL	12	>TP53-P250F NRRHILTIITL	25	13
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>TP53-P250F MNRRPILTI	35	>TP53-P250F MNRRHILTI	19	16
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>TP53-P250F MNRRPILTI	2118	>TP53-P250F MNRRHILTI	25	2093
>TP53-P250F MNRRPILTI	457	>TP53-P250F MNRRHILTI	564	107
>TP53-P250F MNRRPILTI	399	>TP53-P250F MNRRHILTI	731	332
>TP53-P250F GMNRRPIL	678	>TP53-P250F GMNRRHIL	193	485
>TP53-P250F GMNRRPILTI	185	>TP53-P250F GMNRRHILTI	326	141
>TP53-P250F GMNRRPILTI	168	>TP53-P250F GMNRRHILTI	183	15
>TP53-P250F GMNRRPIL	213	>TP53-P250F GMNRRHIL	216	3
>TP53-P250F GMNRRPILTI	61	>TP53-P250F GMNRRHILTI	102	41
>TP53-P250F GMNRRPILTI	13	>TP53-P250F GMNRRHILTI	22	9
>TP53-P250F GMNRRPIL	229	>TP53-P250F GMNRRHIL	210	19
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>TP53-P250F GMNRRPILTI	93	>TP53-P250F GMNRRHILTI	137	44
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>TP53-P250F GMNRRPIL	160	>TP53-P250F GMNRRHIL	313	153
>TP53-P250F GMNRRPILTI	66	>TP53-P250F GMNRRHILTI	110	44
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>TP53-P250F CMGGMNRR	88	>TP53-P250F CMGGMNRR	50	38
>TP53-P250L PILTIITL	5272	>TP53-P250L LILTIITL	84	5188
>TP53-P250L PILTIITL	2805	>TP53-P250L LILTIITL	69	2736
>TP53-P250L PILTIITL	508	>TP53-P250L LILTIITL	20	488
>TP53-P250L PILTIITL	5502	>TP53-P250L LILTIITL	178	5324
>TP53-P250L PILTIITL	1435	>TP53-P250L LILTIITL	78	1357
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>TP53-P250L RPILTIITL	23439	>TP53-P250L RLILTIITL	35	23404
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>TP53-P250L RPILTIITL	34	>TP53-P250L RLILTIITL	10583	10549
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>TP53-P250L RPILTIITL	3886	>TP53-P250L RLILTIITL	150	3736
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>TP53-P250L RPILTIITL	66	>TP53-P250L RLILTIITL	1099	1033
>TP53-P250L RPILTIITL	89	>TP53-P250L RLILTIITL	5938	5849
>TP53-P250L RPILTIITL	915	>TP53-P250L RLILTIITL	222	693
>TP53-P250L SSCMGGMNI	17877	>TP53-P250L SSCMGGMNI	31	17846
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>TP53-P250L RRPILTIIITL	921	>TP53-P250L RRLILTIIITL	126	795
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>TP53-P250L RRPILTIITLE	2464	>TP53-P250L RRLILTIITLE	176	2288
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>TP53-P250L RRPILTII	33	>TP53-P250L RRLILTII	13	20
>TP53-P250L RRPILTIIT	86	>TP53-P250L RRLILTIIT	44	42
>TP53-P250L RRPILTIITL	16	>TP53-P250L RRLILTIITL	11	5
>TP53-P250L RRPILTIITLE	129	>TP53-P250L RRLILTIITLE	59	70
>TP53-P250L RRPILTII	319	>TP53-P250L RRLILTII	48	271
>TP53-P250L RRPILTIIT	329	>TP53-P250L RRLILTIIT	181	148
>TP53-P250L RRPILTIITL	14	>TP53-P250L RRLILTIITL	10	4
>TP53-P250L RRPILTIITLE	467	>TP53-P250L RRLILTIITLE	230	237
>TP53-P250L NRRPILTII	281	>TP53-P250L NRRLILTII	337	56
>TP53-P250L NRRPILTIITL	50	>TP53-P250L NRRLILTIITL	59	9
>TP53-P250L NRRPILTII	224	>TP53-P250L NRRLILTII	317	93
>TP53-P250L NRRPILTIITL	12	>TP53-P250L NRRLILTIITL	17	5
>TP53-P250L MNRRPILTI	35	>TP53-P250L MNRRLILTI	30	5
>TP53-P250L MNRRPILTII	200	>TP53-P250L MNRRLILTII	210	10
>TP53-P250L MNRRPILTI	2118	>TP53-P250L MNRRLILTI	225	1893
>TP53-P250L MNRRPILTI	457	>TP53-P250L MNRRLILTI	1034	577
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>TP53-P250L GMNRRPILTI	185	>TP53-P250L GMNRRLILTI	207	22
>TP53-P250L GMNRRPILTI	168	>TP53-P250L GMNRRLILTII	76	92
>TP53-P250L GMNRRPIL	213	>TP53-P250L GMNRRLIL	102	111
>TP53-P250L GMNRRPILT	728	>TP53-P250L GMNRRLILT	179	549
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>TP53-P250L GMNRRPILTI	13	>TP53-P250L GMNRRLILTII	9	4
>TP53-P250L GMNRRPIL	229	>TP53-P250L GMNRRLIL	349	120
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>TP53-P250L GMNRRPIL	182	>TP53-P250L GMNRRLIL	165	17
>TP53-P250L GMNRRPILTI	21	>TP53-P250L GMNRRLILTI	13	8
>TP53-P250L GMNRRPILTI	53	>TP53-P250L GMNRRLILTII	38	15
>TP53-P250L GMNRRPIL	160	>TP53-P250L GMNRRLIL	355	195
>TP53-P250L GMNRRPILTI	66	>TP53-P250L GMNRRLILTI	47	19
>TP53-P250L GMNRRPILTI	192	>TP53-P250L GMNRRLILTII	200	8
>TP53-P250L GMNRRPIL	32	>TP53-P250L GMNRRLIL	38	6
>TP53-P250L GMNRRPILT	744	>TP53-P250L GMNRRLILT	328	416
>TP53-P250L GMNRRPILTI	43	>TP53-P250L GMNRRLILTI	23	20
>TP53-P250L GMNRRPILTI	102	>TP53-P250L GMNRRLILTII	103	1
>TP53-P250L GMNRRPILTI	147	>TP53-P250L GMNRRLILTI	173	26



>TP53-P250L GGMNRRPIL	444	>TP53-P250L GGMNRRLIL	216	228
>TP53-P250L CMGGMNRR	28867	>TP53-P250L CMGGMNRR	147	28720
>TP53-P250L CMGGMNRR	88	>TP53-P250L CMGGMNRR	175	87
>TP53-P250M PILTIITL	5272	>TP53-P250M NILTIITL	327	4945
>TP53-P250M PILTIITL	2805	>TP53-P250M NILTIITL	132	2673
>TP53-P250M PILTIITL	508	>TP53-P250M NILTIITL	155	353
>TP53-P250M PILTIITL	5502	>TP53-P250M NILTIITL	452	5050
>TP53-P250M PILTIITL	1459	>TP53-P250M NILTIITL	238	1221
>TP53-P250M PILTIITL	906	>TP53-P250M NILTIITL	450	456
>TP53-P250M PILTIITL	6858	>TP53-P250M NILTIITL	129	6729
>TP53-P250M RPILTIITL	104	>TP53-P250M RNILTIITL	30771	30667
>TP53-P250M RPILTIITL	34	>TP53-P250M RNILTIITL	15506	15472
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>TP53-P250M RPILTIITL	66	>TP53-P250M RNILTIITL	1160	1094
>TP53-P250M RPILTIITL	89	>TP53-P250M RNILTIITL	11334	11245
>TP53-P250M RPILTIITL	975	>TP53-P250M RNILTIITL	274	701
>TP53-P250M RPILTIITL	915	>TP53-P250M RNILTIITL	278	637
>TP53-P250M RRPILTII	1610	>TP53-P250M RRNILTII	476	1134
>TP53-P250M RRPILTIITL	921	>TP53-P250M RRNILTIITL	237	684
>TP53-P250M RRPILTII	220	>TP53-P250M RRNILTII	46	174
>TP53-P250M RRPILTIIT	2370	>TP53-P250M RRNILTIIT	455	1915
>TP53-P250M RRPILTIITL	14	>TP53-P250M RRNILTIITL	8	6
>TP53-P250M RRPILTIITL	2520	>TP53-P250M RRNILTIITL	301	2219
>TP53-P250M RRPILTIITL	492	>TP53-P250M RRNILTIITL	22319	21827
>TP53-P250M RRPILTII	33	>TP53-P250M RRNILTII	10	23
>TP53-P250M RRPILTIIT	86	>TP53-P250M RRNILTIIT	89	3
>TP53-P250M RRPILTIITL	16	>TP53-P250M RRNILTIITL	14	2
>TP53-P250M RRPILTIITL	129	>TP53-P250M RRNILTIITL	123	6
>TP53-P250M RRPILTIITL	319	>TP53-P250M RRNILTII	46	273
>TP53-P250M RRPILTIIT	329	>TP53-P250M RRNILTIIT	370	41
>TP53-P250M RRPILTIITL	14	>TP53-P250M RRNILTIITL	11	3
>TP53-P250M RRPILTIITL	467	>TP53-P250M RRNILTIITL	446	21
>TP53-P250M RRPILTIITL	281	>TP53-P250M RRRNILTII	365	84
>TP53-P250M RRRPILTIITL	50	>TP53-P250M RRRNILTIITL	61	11
>TP53-P250M RRRPILTIITL	224	>TP53-P250M RRRNILTII	486	262
>TP53-P250M RRRPILTIITL	12	>TP53-P250M RRRNILTIITL	20	8
>TP53-P250M MNRRPILTI	35	>TP53-P250M MNRRNILTI	19	16
>TP53-P250M MNRRPILTIITL	200	>TP53-P250M MNRRNILTII	129	71
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>TP53-P250M MNRRPILTI	457	>TP53-P250M MNRRNILTI	534	77
>TP53-P250M MNRRPILTI	399	>TP53-P250M MNRRNILTI	1256	857
>TP53-P250M GMNRRPIL	678	>TP53-P250M GMNRRNIL	181	497
>TP53-P250M GMNRRPILTI	185	>TP53-P250M GMNRRNILTI	313	128

>TP53-P250MGMNRRPILTI	168	>TP53-P250MGMNRRNILTI	124	44
>TP53-P250MGMNRRPIL	213	>TP53-P250MGMNRRNIL	260	47
>TP53-P250MGMNRRPILTI	61	>TP53-P250MGMNRRNILTI	82	21
>TP53-P250MGMNRRPILTI	13	>TP53-P250MGMNRRNILTI	23	10
>TP53-P250MGMNRRPIL	229	>TP53-P250MGMNRRNIL	936	707
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>TP53-P250MGMNRRPILTI	93	>TP53-P250MGMNRRNILTI	173	80
>TP53-P250MGMNRRPIL	182	>TP53-P250MGMNRRNIL	265	83
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>TP53-P250MGMNRRPILTI	53	>TP53-P250MGMNRRNILTI	64	11
>TP53-P250MGMNRRPIL	160	>TP53-P250MGMNRRNIL	998	838
>TP53-P250MGMNRRPILTI	66	>TP53-P250MGMNRRNILTI	87	21
>TP53-P250MGMNRRPILTI	192	>TP53-P250MGMNRRNILTI	284	92
>TP53-P250MGMNRRPIL	32	>TP53-P250MGMNRRNIL	76	44
>TP53-P250MGMNRRPILTI	43	>TP53-P250MGMNRRNILTI	34	9
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>TP53-P250MGMNRRPILTI	147	>TP53-P250MGMNRRNILTI	137	10
>TP53-P250MGMNRRPIL	444	>TP53-P250MGMNRRNIL	311	133
>TP53-P250MCMGGMNRR	88	>TP53-P250MCMGGMNRR	280	192
>TP53-P250C PILTIIITL	5272	>TP53-P250C QILTIITL	425	4847
>TP53-P250C PILTIIITL	2805	>TP53-P250C QILTIITL	96	2709
>TP53-P250C PILTIIITL	508	>TP53-P250C QILTIITL	161	347
>TP53-P250C PILTIIITL	906	>TP53-P250C QILTIITL	262	644
>TP53-P250C PILTIIITL	1347	>TP53-P250C QILTIITL	88	1259
>TP53-P250C PILTIIITL	6858	>TP53-P250C QILTIITL	292	6566
>TP53-P250C RPILTIIITL	104	>TP53-P250C RQILTIITL	34222	34118
>TP53-P250C RPILTIIITL	4789	>TP53-P250C RQILTIITL	24	4765
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>TP53-P250C RPILTIIITL	5112	>TP53-P250C RQILTIITL	85	5027
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>TP53-P250C RRPILTIIITL	921	>TP53-P250C RRQILTIITL	369	552
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>TP53-P250C NRRPILTI	674	>TP53-P250C NRRQILTI	326	348
>TP53-P250C NRRPILTII	281	>TP53-P250C NRRQILTII	254	27
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>TP53-P250C NRRPILTII	224	>TP53-P250C NRRQILTII	353	129
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>TP53-P250T GMNRRPILTI	147	>TP53-P250T GMNRRTILTI	90	57
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>TP53-P250T GGMNRRPIL	444	>TP53-P250T GGMNRRTIL	279	165
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>TP53-P250T CMGGMNRR	88	>TP53-P250T CMGGMNRR	131	43
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>TP53-P278 <sup>A</sup> NSFEVRVCAC	7876	>TP53-P278 <sup>A</sup> NSFEVRVCAC	34	7842
>TP53-P278 <sup>A</sup> CACPGRDRR	132	>TP53-P278 <sup>A</sup> CACAGRDRR	104	28
>TP53-P278 <sup>A</sup> RVCACPGR	367	>TP53-P278 <sup>A</sup> RVCACAGR	413	46
>TP53-P278 <sup>A</sup> RVCACPGRDI	435	>TP53-P278 <sup>A</sup> RVCACAGRDI	496	61
>TP53-P278 <sup>A</sup> RVCACPGR	40	>TP53-P278 <sup>A</sup> RVCACAGR	29	11
>TP53-P278 <sup>A</sup> RVCACPGRDI	37	>TP53-P278 <sup>A</sup> RVCACAGRDI	17	20
>TP53-P278 <sup>A</sup> RVCACPGRDI	33	>TP53-P278 <sup>A</sup> RVCACAGRDI	41	8
>TP53-P278 <sup>A</sup> RVCACPGR	481	>TP53-P278 <sup>A</sup> RVCACAGR	190	291
>TP53-P278 <sup>A</sup> RVCACPGRDI	584	>TP53-P278 <sup>A</sup> RVCACAGRDI	322	262
>TP53-P278 <sup>A</sup> RVCACPGRDI	297	>TP53-P278 <sup>A</sup> RVCACAGRDI	277	20
>TP53-P278 <sup>A</sup> RVCACPGR	66	>TP53-P278 <sup>A</sup> RVCACAGR	60	6
>TP53-P278 <sup>A</sup> RVCACPGRDI	255	>TP53-P278 <sup>A</sup> RVCACAGRDI	214	41
>TP53-P278 <sup>A</sup> RVCACPGRDI	109	>TP53-P278 <sup>A</sup> RVCACAGRDI	93	16
>TP53-P278 <sup>A</sup> EVRVCACPGF	673	>TP53-P278 <sup>A</sup> EVRVCACAGF	141	532
>TP53-P278 <sup>A</sup> EVRVCACPGF	329	>TP53-P278 <sup>A</sup> EVRVCACAGF	71	258
>TP53-P278 <sup>A</sup> EVRVCACPGF	70	>TP53-P278 <sup>A</sup> EVRVCACAGF	20	50

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>TP53-P278A FEVRVCACP	8078	>TP53-P278A FEVRVCACA	39	8039
>TP53-P278F NSFVRCVAC	14774	>TP53-P278F NSFVRCVAC	54	14720
>TP53-P278F NSFVRCVAC	25444	>TP53-P278F NSFVRCVAC	435	25009
>TP53-P278F CACPGRDRR	545	>TP53-P278F CACFGRDRR	319	226
>TP53-P278F CACPGRDR	824	>TP53-P278F CACFGRDR	326	498
>TP53-P278F CACPGRDRR	132	>TP53-P278F CACFGRDRR	67	65
>TP53-P278F RVCACPGR	367	>TP53-P278F RVCACFGR	75	292
>TP53-P278F RVCACPGRDI	435	>TP53-P278F RVCACFGRDI	248	187
>TP53-P278F RVCACPGR	40	>TP53-P278F RVCACFGR	13	27
>TP53-P278F RVCACPGRDI	37	>TP53-P278F RVCACFGRDI	8	29
>TP53-P278F RVCACPGRDI	33	>TP53-P278F RVCACFGRDI	21	12
>TP53-P278F RVCACPGR	481	>TP53-P278F RVCACFGR	136	345
>TP53-P278F RVCACPGRDI	584	>TP53-P278F RVCACFGRDI	280	304
>TP53-P278F RVCACPGRDI	297	>TP53-P278F RVCACFGRDI	1425	1128
>TP53-P278F RVCACPGR	66	>TP53-P278F RVCACFGR	39	27
>TP53-P278F RVCACPGRDI	255	>TP53-P278F RVCACFGRDI	76	179
>TP53-P278F RVCACPGRDI	109	>TP53-P278F RVCACFGRDI	73	36
>TP53-P278F EVRVCACP	17679	>TP53-P278F EVRVCACF	164	17515
>TP53-P278F EVRVCACPGF	673	>TP53-P278F EVRVCACFGF	70	603
>TP53-P278F EVRVCACPGF	329	>TP53-P278F EVRVCACFGF	40	289
>TP53-P278F EVRVCACPGF	70	>TP53-P278F EVRVCACFGF	23	47
>TP53-P278F EVRVCACPGF	744	>TP53-P278F EVRVCACFGF	396	348
>TP53-P278F FEVRVCACP	1437	>TP53-P278F FEVRVCACF	43	1394
>TP53-P278F FEVRVCACPG	1728	>TP53-P278F FEVRVCACFG	234	1494
>TP53-P278F FEVRVCACPG	370	>TP53-P278F FEVRVCACFG	135	235
>TP53-P278F FEVRVCACP	12347	>TP53-P278F FEVRVCACF	79	12268
>TP53-P278F FEVRVCACP	11140	>TP53-P278F FEVRVCACF	52	11088
>TP53-P278F FEVRVCACP	4889	>TP53-P278F FEVRVCACF	367	4522
>TP53-P278F FEVRVCACP	9168	>TP53-P278F FEVRVCACF	349	8819
>TP53-P278F FEVRVCACP	10205	>TP53-P278F FEVRVCACF	126	10079
>TP53-P278F FEVRVCACP	2760	>TP53-P278F FEVRVCACF	115	2645
>TP53-P278F NSFVRCVAC	6215	>TP53-P278F NSFVRCVAC	313	5902
>TP53-P278F CACPGRDRR	545	>TP53-P278F CACHGRDRR	379	166
>TP53-P278F CACPGRDRR	132	>TP53-P278F CACHGRDRR	194	62
>TP53-P278F RVCACPGR	367	>TP53-P278F RVCACHGR	236	131
>TP53-P278F RVCACPGRDI	435	>TP53-P278F RVCACHGRD	494	59
>TP53-P278F RVCACPGR	40	>TP53-P278F RVCACHGR	17	23
>TP53-P278F RVCACPGRDI	37	>TP53-P278F RVCACHGRD	20	17
>TP53-P278F RVCACPGRDI	33	>TP53-P278F RVCACHGRD	20	13
>TP53-P278F RVCACPGR	481	>TP53-P278F RVCACHGR	169	312
>TP53-P278F RVCACPGRDI	584	>TP53-P278F RVCACHGRD	326	258



>TP53-P278F RVCACPGRDI	297	>TP53-P278F RVCACHGRD	1588	1291
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>TP53-P278F RVCACPGRDI	109	>TP53-P278F RVCACHGRD	90	19
>TP53-P278F EVRVCACPGF	673	>TP53-P278F EVRVCACHGI	147	526
>TP53-P278F EVRVCACPGF	329	>TP53-P278F EVRVCACHGI	95	234
>TP53-P278F EVRVCACPGF	70	>TP53-P278F EVRVCACHGI	55	15
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>TP53-P278F FEVRVCACPC	370	>TP53-P278F FEVRVCACHC	180	190
>TP53-P278L NSFVRCAC	7876	>TP53-P278L NSFVRCAC	28	7848
>TP53-P278L NSFVRCAC	23838	>TP53-P278L NSFVRCAC	397	23441
>TP53-P278L CACPGRDRR	545	>TP53-P278L CACLGRDRR	361	184
>TP53-P278L CACPGRDRR	132	>TP53-P278L CACLGRDRR	225	93
>TP53-P278L RVCACPGR	367	>TP53-P278L RVCACLGR	187	180
>TP53-P278L RVCACPGRDI	435	>TP53-P278L RVCACLGRDF	474	39
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>TP53-P278L RVCACPGRDI	255	>TP53-P278L RVCACLGRDF	205	50
>TP53-P278L RVCACPGRDI	109	>TP53-P278L RVCACLGRDF	121	12
>TP53-P278L EVRVCACPGF	673	>TP53-P278L EVRVCACLGF	247	426
>TP53-P278L EVRVCACPGF	329	>TP53-P278L EVRVCACLGF	70	259
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>TP53-P278L EVRVCACPGF	744	>TP53-P278L EVRVCACLGF	427	317
>TP53-P278L FEVRVCACP	1437	>TP53-P278L FEVRVCACL	21	1416
>TP53-P278L FEVRVCACPC	370	>TP53-P278L FEVRVCACLG	478	108
>TP53-P278L FEVRVCACP	26793	>TP53-P278L FEVRVCACL	476	26317
>TP53-P278L FEVRVCACP	4889	>TP53-P278L FEVRVCACL	36	4853
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>TP53-P278L FEVRVCACP	2760	>TP53-P278L FEVRVCACL	33	2727
>TP53-P278F NSFVRCAC	16291	>TP53-P278F NSFVRCAC	55	16236
>TP53-P278F NSFVRCAC	12979	>TP53-P278F NSFVRCAC	13	12966
>TP53-P278F NSFVRCAC	6215	>TP53-P278F NSFVRCAC	3	6212
>TP53-P278F CACPGRDRR	132	>TP53-P278F CACRGRDRR	161	29
>TP53-P278F RVCACPGR	367	>TP53-P278F RVCACRGR	940	573
>TP53-P278F RVCACPGRDI	435	>TP53-P278F RVCACRGRDI	493	58
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>TP53-P278F RVCACPGRDI	33	>TP53-P278F RVCACRGRDI	20	13
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>TP53-P278F RVCACPGRDI	584	>TP53-P278F RVCACRGRDI	330	254
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>TP53-P278F EVRVCACPGF	673	>TP53-P278F EVRVCACRGF	201	472
>TP53-P278F EVRVCACP	17888	>TP53-P278F EVRVCACR	25	17863
>TP53-P278F EVRVCACPGF	329	>TP53-P278F EVRVCACRGF	189	140
>TP53-P278F EVRVCACP	23153	>TP53-P278F EVRVCACR	14	23139
>TP53-P278F EVRVCACPGF	70	>TP53-P278F EVRVCACRGF	225	155
>TP53-P278F FEVRVCACP	36739	>TP53-P278F FEVRVCACR	156	36583
>TP53-P278F FEVRVCACPC	370	>TP53-P278F FEVRVCACRC	792	422
>TP53-P278F SFEVRVCACP	23217	>TP53-P278F SFEVRVCACR	43	23174
>TP53-P278F SFEVRVCACP	12560	>TP53-P278F SFEVRVCACR	32	12528
>TP53-P278F SFEVRVCACP	30791	>TP53-P278F SFEVRVCACR	325	30466
>TP53-P278S CACPGRDRR	545	>TP53-P278S CACSGRDRR	494	51
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>TP53-P278S CACPGRDRR	132	>TP53-P278S CACSGRDRR	73	59
>TP53-P278S RVCACPGR	367	>TP53-P278S RVCACSGR	297	70
>TP53-P278S RVCACPGRDI	435	>TP53-P278S RVCACSGRDI	425	10
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>TP53-P278S RVCACPGRDI	33	>TP53-P278S RVCACSGRDI	32	1
>TP53-P278S RVCACPGR	481	>TP53-P278S RVCACSGR	225	256
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>TP53-P278S RVCACPGR	66	>TP53-P278S RVCACSGR	98	32
>TP53-P278S RVCACPGRDI	255	>TP53-P278S RVCACSGRDI	253	2
>TP53-P278S RVCACPGRDI	109	>TP53-P278S RVCACSGRDI	112	3
>TP53-P278S EVRVCACPGF	673	>TP53-P278S EVRVCACSGF	246	427
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>TP53-P278S EVRVCACPGF	70	>TP53-P278S EVRVCACSGF	29	41
>TP53-P278S FEVRVCACPC	370	>TP53-P278S FEVRVCACSG	226	144
>TP53-P278T CACPGRDRR	132	>TP53-P278T CACTGRDRR	134	2
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>TP53-P278T RVCACPGRDI	435	>TP53-P278T RVCACTGRDI	343	92
>TP53-P278T RVCACPGR	40	>TP53-P278T RVCACTGR	29	11
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>TP53-P278T EVRVCACPGF	673	>TP53-P278T EVRVCACPGF	303	370
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>TP53-P278T EVRVCACPGF	70	>TP53-P278T EVRVCACPGF	32	38
>TP53-P278T FEVRVCACP	1437	>TP53-P278T FEVRVCACP	195	1242
>TP53-P278T FEVRVCACPC	370	>TP53-P278T FEVRVCACPC	292	78
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>TP53-P278T FEVRVCACP	2760	>TP53-P278T FEVRVCACP	437	2323
>TP53-P295F PHHELPPGST	3379	>TP53-P295F HHHHELPPGST	455	2924
>TP53-P295F GEPHHELPP	5505	>TP53-P295F GEHHHELPP	448	5057
>TP53-P295F GEPHHELPPC	6261	>TP53-P295F GEHHHELPPC	489	5772
>TP53-P295F KKGEPHHEL	167	>TP53-P295F KKGEHHHEL	219	52
>TP53-P295F RKKGEPHHEL	62	>TP53-P295F RKKGEHHHEI	65	3
>TP53-P295F LRKKGEPHHE	405	>TP53-P295F LRKKGEHHHEI	493	88
>TP53-P295F LRKKGEPHHE	321	>TP53-P295F LRKKGEHHHEI	184	137
>TP53-P295L EEENLRKKGE	8856	>TP53-P295L EEENLRKKGE	98	8758
>TP53-P295L KKGEPHHEL	167	>TP53-P295L KKGELHHEL	469	302
>TP53-P295L RKKGEPHHEL	62	>TP53-P295L RKKGELHHEL	127	65
>TP53-P295L LRKKGEPHHE	405	>TP53-P295L LRKKGELHHE	543	138
>TP53-P295L LRKKGEPHHE	824	>TP53-P295L LRKKGELHHE	425	399
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>TP53-P295L NLRKKGEP	8345	>TP53-P295L NLRKKGEL	95	8250
>TP53-P295L EENLRKKGEP	3755	>TP53-P295L EENLRKKGEL	32	3723
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>TP53-P295F PHHELPPGST	9358	>TP53-P295F RHHELPPGST	144	9214
>TP53-P295F KKGEPHHEL	167	>TP53-P295F KKKGERHHEL	414	247
>TP53-P295F RKKGEPHHEL	62	>TP53-P295F RKKGERHHEL	102	40
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>TP53-P295F LRKKGEPHHE	321	>TP53-P295F LRKKGERHHE	171	150
>TP53-P295F NLRKKGEP	36113	>TP53-P295F NLRKKGER	303	35810
>TP53-P295S KKGEPHHEL	167	>TP53-P295S KKGESHHEL	76	91
>TP53-P295S RKKGEPHHEL	62	>TP53-P295S RKKGESHHEL	47	15
>TP53-P295S LRKKGEPHHE	405	>TP53-P295S LRKKGESHHE	230	175
>TP53-P295S LRKKGEPHHE	321	>TP53-P295S LRKKGESHHE	268	53
>TP53-P300A PPGSTKRAL	44	>TP53-P300A APGSTKRAL	10	34
>TP53-P300A LPPGSTKRAL	296	>TP53-P300A LAPGSTKRAL	33190	32894
>TP53-P300A LPPGSTKR	5290	>TP53-P300A LAPGSTKR	298	4992
>TP53-P300A LPPGSTKRAL	75	>TP53-P300A LAPGSTKRAL	17892	17817
>TP53-P300A LPPGSTKRA	99	>TP53-P300A LAPGSTKRA	9519	9420
>TP53-P300A LPPGSTKRAL	592	>TP53-P300A LAPGSTKRAL	22	570
>TP53-P300A ELPPGSTKRA	2891	>TP53-P300A ELAPGSTKRA	385	2506

>TP53-P300A ELPPGSTKRA	98	>TP53-P300A ELAPGSTKRA	36	62
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>TP53-P300A ELPPGSTK	3265	>TP53-P300A ELAPGSTK	391	2874
>TP53-P300A ELPPGSTK	689	>TP53-P300A ELAPGSTK	65	624
>TP53-P300A ELPPGSTKR	321	>TP53-P300A ELAPGSTKR	38	283
>TP53-P300A HELPPGST	796	>TP53-P300A HELAPGST	259	537
>TP53-P300A HELPPGST	747	>TP53-P300A HELAPGST	221	526
>TP53-P300A HELPPGSTKR	1160	>TP53-P300A HELAPGSTKR	430	730
>TP53-P300A HELPPGSTKR	250	>TP53-P300A HELAPGSTKR	103	147
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>TP53-P300L PPGSTKRAL	44	>TP53-P300L LPGSTKRAL	9	35
>TP53-P300L PPGSTKRA	5832	>TP53-P300L LPGSTKRA	257	5575
>TP53-P300L LPPGSTKRAL	296	>TP53-P300L LLPGSTKRAL	37144	36848
>TP53-P300L LPPGSTKRAL	23596	>TP53-P300L LLPGSTKRAL	193	23403
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>TP53-P300L LPPGSTKRAL	25014	>TP53-P300L LLPGSTKRAL	312	24702
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>TP53-P300L LPPGSTKRA	31931	>TP53-P300L LLPGSTKRA	9	31922
>TP53-P300L LPPGSTKRAL	29820	>TP53-P300L LLPGSTKRAL	11	29809
>TP53-P300L LPPGSTKRAL	75	>TP53-P300L LLPGSTKRAL	22686	22611
>TP53-P300L LPPGSTKRA	99	>TP53-P300L LLPGSTKRA	27103	27004
>TP53-P300L LPPGSTKRAL	592	>TP53-P300L LLPGSTKRAL	186	406
>TP53-P300L RKKGEPHHEL	5503	>TP53-P300L RKKGEPHHEL	155	5348
>TP53-P300L ELPPGSTKRA	3168	>TP53-P300L ELLPGSTKRA	444	2724
>TP53-P300L ELPPGSTKRA	893	>TP53-P300L ELLPGSTKRAI	100	793
>TP53-P300L ELPPGSTKRA	2349	>TP53-P300L ELLPGSTKRAI	423	1926
>TP53-P300L ELPPGSTKRA	6420	>TP53-P300L ELLPGSTKRA	215	6205
>TP53-P300L ELPPGSTKRA	3412	>TP53-P300L ELLPGSTKRAI	139	3273
>TP53-P300L ELPPGSTKRA	98	>TP53-P300L ELLPGSTKRA	43	55
>TP53-P300L ELPPGSTKRA	151	>TP53-P300L ELLPGSTKRAI	67	84
>TP53-P300L ELPPGSTKR	1982	>TP53-P300L ELLPGSTKR	249	1733
>TP53-P300L ELPPGSTKR	321	>TP53-P300L ELLPGSTKR	215	106
>TP53-P300L ELPPGSTKRA	6911	>TP53-P300L ELLPGSTKRAI	260	6651
>TP53-P300L HELPPGST	796	>TP53-P300L HELLPGST	41	755
>TP53-P300L HELPPGST	747	>TP53-P300L HELLPGST	239	508
>TP53-P300L HELPPGSTKR	250	>TP53-P300L HELLPGSTKR	171	79
>TP53-P300L HELPPGSTKR	437	>TP53-P300L HELLPGSTKR	572	135
>TP53-P300L GEPHHELP	13852	>TP53-P300L GEPHHELL	297	13555
>TP53-P300L KKGEPHHELP	8523	>TP53-P300L KKGEPHHELL	421	8102
>TP53-P300F PPGSTKRAL	44	>TP53-P300F RPGSTKRAL	6	38
>TP53-P300F LPPGSTKRAL	296	>TP53-P300F LRPGSTKRAL	34255	33959
>TP53-P300F LPPGSTKRAL	75	>TP53-P300F LRPGSTKRAL	23331	23256

>TP53-P300F LPPGSTKRA	99	>TP53-P300F LRPGSTKRA	26666	26567
>TP53-P300F RKKGEPHHEL	33839	>TP53-P300F RKKGEPHHEL	199	33640
>TP53-P300F ELPPGSTKRA	98	>TP53-P300F ELRPGSTKRA	188	90
>TP53-P300F ELPPGSTKRA	151	>TP53-P300F ELRPGSTKRA	229	78
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>TP53-P300F ELPPGSTKR	1982	>TP53-P300F ELRPGSTKR	180	1802
>TP53-P300F ELPPGSTKR	321	>TP53-P300F ELRPGSTKR	399	78
>TP53-P300F HELPPGST	796	>TP53-P300F HELRPGST	280	516
>TP53-P300F HELPPGSTKR	250	>TP53-P300F HELRPGSTKR	144	106
>TP53-P300F HELPPGSTKR	437	>TP53-P300F HELRPGSTKR	860	423
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>TP53-P300F KGEPHHEL	29786	>TP53-P300F KGEPHHEL	121	29665
>TP53-P300F KKGEPHHEL	28749	>TP53-P300F KKGEPHHEL	185	28564
>TP53-P300S PPGSTKRAL	44	>TP53-P300S SPGSTKRAL	9	35
>TP53-P300S LPPGSTKRAL	296	>TP53-P300S LSPGSTKRAL	32941	32645
>TP53-P300S LPPGSTKR	5290	>TP53-P300S LSPGSTKR	387	4903
>TP53-P300S LPPGSTKRAL	75	>TP53-P300S LSPGSTKRAL	16141	16066
>TP53-P300S LPPGSTKRA	99	>TP53-P300S LSPGSTKRA	22467	22368
>TP53-P300S LPPGSTKRAL	592	>TP53-P300S LSPGSTKRAL	7	585
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>TP53-P300S ELPPGSTKRA	98	>TP53-P300S ELSPGSTKRA	54	44
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>TP53-P300S ELPPGSTK	3265	>TP53-P300S ELSPGSTK	412	2853
>TP53-P300S ELPPGSTK	689	>TP53-P300S ELSPGSTK	127	562
>TP53-P300S ELPPGSTKR	321	>TP53-P300S ELSPGSTKR	65	256
>TP53-P300S HELPPGST	796	>TP53-P300S HELSPGST	317	479
>TP53-P300S HELPPGST	747	>TP53-P300S HELSPGST	483	264
>TP53-P300S HELPPGSTKR	250	>TP53-P300S HELSPGSTKR	161	89
>TP53-P300S HELPPGSTKR	437	>TP53-P300S HELSPGSTKR	571	134
>TP53-P301A PPGSTKRAL	44	>TP53-P301A PAGSTKRAL	10186	10142
>TP53-P301A LPPGSTKRAL	296	>TP53-P301A LPAGSTKRAL	2660	2364
>TP53-P301A LPPGSTKRA	3689	>TP53-P301A LPAGSTKRA	280	3409
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>TP53-P301A LPPGSTKRA	99	>TP53-P301A LPAGSTKRA	30	69
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>TP53-P301A LPPGSTKRAL	8166	>TP53-P301A LPAGSTKRAL	146	8020
>TP53-P301A ELPPGSTKRA	98	>TP53-P301A ELPAGSTKRA	228	130
>TP53-P301A ELPPGSTKRA	151	>TP53-P301A ELPAGSTKRA	300	149
>TP53-P301A ELPPGSTK	689	>TP53-P301A ELPAGSTK	381	308
>TP53-P301A ELPPGSTKR	321	>TP53-P301A ELPAGSTKR	185	136
>TP53-P301A HELPPGST	796	>TP53-P301A HELPAGST	172	624
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>TP53-P301A HELPPGSTKR	250	>TP53-P301A HELPAGSTKR	246	4
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>TP53-P301A EPHHELPP	7646	>TP53-P301A EPHHELPA	270	7376
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>TP53-P301L PPGSTKRAL	44	>TP53-P301L PLGSTKRAL	15778	15734
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>TP53-P301L LPPGSTKRAL	296	>TP53-P301L LPLGSTKRAL	350	54
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>TP53-P301L LPPGSTKRA	99	>TP53-P301L LPLGSTKRA	24	75
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>TP53-P301L LPPGSTKRAL	4584	>TP53-P301L LPLGSTKRAL	279	4305
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>TP53-P301L ELPPGSTKRA	151	>TP53-P301L ELPLGSTKRAI	979	828
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>TP53-P301L GEPHHELPP	5505	>TP53-P301L GEPHHELPL	93	5412
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>TP53-P301C PPGSTKRAL	44	>TP53-P301C PQGSTKRAL	21431	21387
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>TP53-P301T EPHHELPP	4209	>TP53-P301T EPHHELPT	486	3723
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>TP53-P309F LPNNTSSSP	7279	>TP53-P309F LRNNTSSSP	454	6825
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>TP53-P309F LPNNTSSS	383	>TP53-P309F LRNNTSSS	25453	25070
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>TP53-P309F LPNNTSSSPQ	260	>TP53-P309F LRNNTSSSPQ	29230	28970
>TP53-P309F ALPNNTSSS	301	>TP53-P309F ALRNNTSSS	734	433
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>TP53-P309S LPNNTSSSPQ	260	>TP53-P309S LSNNTSSSPQ	25400	25140
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>TP53-P309S ALPNNTSSSP	111	>TP53-P309S ALSNNTSSSP	63	48
>TP53-P309S KRALPNNT	597	>TP53-P309S KRALSNT	399	198
>TP53-P309S STKRALPN	100	>TP53-P309S STKRALSN	231	131
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>TP53-P316L RALPNNTSSS	14532	>TP53-P316L RALPNNTSSS	375	14157
>TP53-P316L RALPNNTSSS	1877	>TP53-P316L RALPNNTSSS	151	1726
>TP53-P316L RALPNNTSSS	19815	>TP53-P316L RALPNNTSSS	67	19748
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>TP53-P316L SSSPQPKK	73	>TP53-P316L SSSLQPKK	150	77
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>TP53-P316L SSSPQPKK	87	>TP53-P316L SSSLQPKK	223	136
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>TP53-P316L TSSSPQPKK	208	>TP53-P316L TSSSLQPKK	138	70
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>TP53-P316L NTSSSPQPKK	28	>TP53-P316L NTSSSLQPKK	24	4
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>TP53-P318A SSSPQPKK	390	>TP53-P318A SSSPQAKK	359	31
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>TP53-P318 <sup>A</sup> SSSPQPKK	109	>TP53-P318 <sup>A</sup> SSSPQAKK	220	111
>TP53-P318 <sup>A</sup> SSSPQPKKK	87	>TP53-P318 <sup>A</sup> SSSPQAKKK	207	120
>TP53-P318 <sup>A</sup> TSSSPQPK	326	>TP53-P318 <sup>A</sup> TSSSPQAK	370	44
>TP53-P318 <sup>A</sup> TSSSPQPKK	136	>TP53-P318 <sup>A</sup> TSSSPQAKK	122	14
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>TP53-P318 <sup>A</sup> TSSSPQPKK	33	>TP53-P318 <sup>A</sup> TSSSPQAKK	39	6
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>TP53-P318 <sup>A</sup> TSSSPQPK	262	>TP53-P318 <sup>A</sup> TSSSPQAK	798	536
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>TP53-P318 <sup>A</sup> NTSSSPQPK	58	>TP53-P318 <sup>A</sup> NTSSSPQAK	140	82
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>TP53-P318 <sup>A</sup> NTSSSPQPKK	251	>TP53-P318 <sup>A</sup> NTSSSPQAKK	342	91
>TP53-P318 <sup>A</sup> NTSSSPQPK	339	>TP53-P318 <sup>A</sup> NTSSSPQAK	1117	778
>TP53-P318 <sup>A</sup> NTSSSPQPK	37	>TP53-P318 <sup>A</sup> NTSSSPQAK	35	2
>TP53-P318 <sup>A</sup> NTSSSPQPKK	28	>TP53-P318 <sup>A</sup> NTSSSPQAKK	11	17
>TP53-P318 <sup>A</sup> NTSSSPQPKK	95	>TP53-P318 <sup>A</sup> NTSSSPQAKK	55	40
>TP53-P318 <sup>A</sup> NTSSSPQP	11818	>TP53-P318 <sup>A</sup> NTSSSPQA	409	11409
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>TP53-P322L PLDGEYFTLQ	3494	>TP53-P322L LLDGEYFTLQ	37	3457
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>TP53-P322L PLDGEYFTLQ	1235	>TP53-P322L LLDGEYFTLQ	44	1191
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>TP53-P322L PLDGEYFTL	2655	>TP53-P322L LLDGEYFTL	37	2618
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>TP53-P322L PLDGEYFT	1065	>TP53-P322L LLDGEYFT	35	1030
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>TP53-P322L PLDGEYFTLQ	68	>TP53-P322L LLDGEYFTLQ	6	62
>TP53-P322L PLDGEYFT	10347	>TP53-P322L LLDGEYFT	473	9874
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>TP53-P322L PLDGEYFTLQ	140	>TP53-P322L LLDGEYFTLQ	16	124
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>TP53-P322L PLDGEYFTL	23	>TP53-P322L LLDGEYFTL	4	19
>TP53-P322L PLDGEYFTLQ	158	>TP53-P322L LLDGEYFTLQ	14	144
>TP53-P322L PLDGEYFT	1464	>TP53-P322L LLDGEYFT	24	1440
>TP53-P322L PLDGEYFTL	11	>TP53-P322L LLDGEYFTL	2	9
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>TP53-P322L KPLDGEYF	11988	>TP53-P322L KLLDGEYF	37	11951
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>TP53-P322L KPLDGEYFTL	2581	>TP53-P322L KLLDGEYFTL	55	2526
>TP53-P322L KPLDGEYFTL	16627	>TP53-P322L KLLDGEYFTL	148	16479
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>TP53-P322L KPLDGEYFT	16482	>TP53-P322L KLLDGEYFT	7	16475
>TP53-P322L KPLDGEYFTL	4629	>TP53-P322L KLLDGEYFTL	2	4627
>TP53-P322L KPLDGEYFTL	26256	>TP53-P322L KLLDGEYFTL	148	26108
>TP53-P322L KPLDGEYF	21380	>TP53-P322L KLLDGEYF	274	21106
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>TP53-P34L-1LLPENNVLSPI	8	>TP53-P34L-1LLPENNVLSLI	16	8
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>TP53-P34L-1LLPENNVLSPI	27	>TP53-P34L-1LLPENNVLSLI	30	3
>TP53-P34L-1LLPENNVLSP	21520	>TP53-P34L-1LLPENNVLSL	24	21496
>TP53-P34L-1LLPENNVLSPI	45	>TP53-P34L-1LLPENNVLSLI	65	20
>TP53-P34L-1LLPENNVLSP	1944	>TP53-P34L-1LLPENNVLSL	2	1942
>TP53-P34L-1LLPENNVLSPI	3	>TP53-P34L-1LLPENNVLSLI	3	0
>TP53-P34L-1LLPENNVLSP	15907	>TP53-P34L-1LLPENNVLSL	96	15811
>TP53-P34L-1LLPENNVLSPI	63	>TP53-P34L-1LLPENNVLSLI	12	51
>TP53-P359S EPGGSRAH	254	>TP53-P359S ESGGSRAH	11644	11390
>TP53-P359S KEPGGSRA	2493	>TP53-P359S KESGGSRA	54	2439
>TP53-P359S KEPGGSRAH	11400	>TP53-P359S KESGGSRAHS	306	11094
>TP53-P47L-1PDDIEQWFT	240	>TP53-P47L-1LDDIEQWFT	369	129
>TP53-P47L-1SPDDIEQWF1	25681	>TP53-P47L-1SLDDIEQWFT	139	25542
>TP53-P47L-1SPDDIEQWF	32207	>TP53-P47L-1SLDDIEQWF	440	31767
>TP53-P47L-1SPDDIEQWF1	23716	>TP53-P47L-1SLDDIEQWFT	187	23529
>TP53-P47L-1SPDDIEQWF	25660	>TP53-P47L-1SLDDIEQWF	242	25418
>TP53-P47L-1SPDDIEQWF1	15188	>TP53-P47L-1SLDDIEQWFT	13	15175
>TP53-P47L-1SPDDIEQWF1	22373	>TP53-P47L-1SLDDIEQWFT	117	22256
>TP53-P47L-1SPDDIEQWF1	16096	>TP53-P47L-1SLDDIEQWFT	11	16085
>TP53-P47L-1SPDDIEQWF1	21265	>TP53-P47L-1SLDDIEQWFT	160	21105
>TP53-P47L-1SPDDIEQWF	34012	>TP53-P47L-1SLDDIEQWF	126	33886
>TP53-P47L-1SPDDIEQWF1	28573	>TP53-P47L-1SLDDIEQWFT	10	28563
>TP53-P47L-1SPDDIEQWF	339	>TP53-P47L-1SLDDIEQWF	7261	6922
>TP53-P47L-1SPDDIEQW	46	>TP53-P47L-1SLDDIEQW	15577	15531
>TP53-P47L-1SPDDIEQW	12	>TP53-P47L-1SLDDIEQW	3193	3181
>TP53-P47L-1SQAMDDLMI	15515	>TP53-P47L-1SQAMDDLMI	307	15208
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>TP53-P47L-1SQAMDDLMI	3327	>TP53-P47L-1SQAMDDLMI	145	3182
>TP53-P47L-1SQAMDDLMI	5283	>TP53-P47L-1SQAMDDLMI	146	5137
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>TP53-P47L-1LSPDDIEQWF	1714	>TP53-P47L-1LSLDDIEQWF	234	1480
>TP53-P47L-1LSPDDIEQW	195	>TP53-P47L-1LSLDDIEQW	14	181
>TP53-P47L-1LSPDDIEQWF	180	>TP53-P47L-1LSLDDIEQWF	8	172
>TP53-P47L-1LSPDDIEQW	1345	>TP53-P47L-1LSLDDIEQW	202	1143
>TP53-P47L-1LSPDDIEQW	126	>TP53-P47L-1LSLDDIEQW	44	82
>TP53-P47L-1LSPDDIEQWF	3332	>TP53-P47L-1LSLDDIEQWF	303	3029
>TP53-P47L-1LSPDDIEQW	149	>TP53-P47L-1LSLDDIEQW	11	138
>TP53-P47L-1LSPDDIEQWF	10927	>TP53-P47L-1LSLDDIEQWF	247	10680
>TP53-P47L-1LSPDDIEQW	181	>TP53-P47L-1LSLDDIEQW	23214	23033
>TP53-P47L-1LSPDDIEQWF	10	>TP53-P47L-1LSLDDIEQWF	7428	7418
>TP53-P47L-1LSPDDIEQWF	190	>TP53-P47L-1LSLDDIEQWF	20209	20019
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>TP53-P47L-1LSPDDIEQW	218	>TP53-P47L-1LSLDDIEQW	20	198
>TP53-P47L-1LSPDDIEQW	596	>TP53-P47L-1LSLDDIEQW	181	415



>TP53-P47L-1 MLSPDDIEQ	405	>TP53-P47L-1 MLSLDDIEQ	1056	651
>TP53-P47L-1 MLSPDDIEQV	107	>TP53-P47L-1 MLSLDDIEQV	289	182
>TP53-P47L-1 MLSPDDIEQ	21	>TP53-P47L-1 MLSLDDIEQ	333	312
>TP53-P47L-1 MLSPDDIEQV	129	>TP53-P47L-1 MLSLDDIEQV	1226	1097
>TP53-P47L-1 MLSPDDIEQV	213	>TP53-P47L-1 MLSLDDIEQV	678	465
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>TP53-P47L-1 MLSPDDIEQV	427	>TP53-P47L-1 MLSLDDIEQV	2419	1992
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>TP53-P47L-1 LMLSPDDI	41	>TP53-P47L-1 LMLSLDDI	25	16
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>TP53-P47L-1 LMLSPDDI	113	>TP53-P47L-1 LMLSLDDI	70	43
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>TP53-P47L-1 LMLSPDDI	314	>TP53-P47L-1 LMLSLDDI	632	318
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>TP53-P47L-1 LMLSPDDIEQ	212	>TP53-P47L-1 LMLSLDDIEQ	198	14
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>TP53-P47L-1 MDDLMLSPC	277	>TP53-P47L-1 MDDLMLSLD	117	160
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>TP53-P47L-1 MDDLMLSPC	107	>TP53-P47L-1 MDDLMLSLD	82	25
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>TP53-P47L-1 AMDDLMLSP	2393	>TP53-P47L-1 AMDDLMLSL	11	2382
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>TP53-P47L-1 AMDDLMLSP	4908	>TP53-P47L-1 AMDDLMLSL	9	4899
>TP53-P47L-1 AMDDLMLSP	20891	>TP53-P47L-1 AMDDLMLSL	68	20823

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>TP53-P47L-1AMDDLMLSP	18180	>TP53-P47L-1AMDDLMLSL	109	18071
>TP53-P47L-1QAMDDLML	7360	>TP53-P47L-1QAMDDLML	117	7243
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>TP53-P58L-1PGPDEAPRM	3930	>TP53-P58L-1LGPDEAPRM	295	3635
>TP53-P58L-1PGPDEAPR	1406	>TP53-P58L-1LGPDEAPR	480	926
>TP53-P58L-1DPGPDEAPR	1293	>TP53-P58L-1DLGPDEAPR	159	1134
>TP53-P58L-1FTEDPGPDEA	736	>TP53-P58L-1FTEDLGPDEA	321	415
>TP53-P58L-1QWFTEDPG	275	>TP53-P58L-1QWFTEDLG	283	8
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>TP53-P58L-1IEQWFTEDP	11843	>TP53-P58L-1IEQWFTEDL	156	11687
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>TP53-P58L-1IEQWFTEDP	2576	>TP53-P58L-1IEQWFTEDL	24	2552
>TP53-P58L-1IEQWFTEDP	815	>TP53-P58L-1IEQWFTEDL	19	796
>TP53-P58Q- PGPDEAPR	1406	>TP53-P58Q- QGPDEAPR	199	1207
>TP53-P58Q- TEDPGPDEA	865	>TP53-P58Q- TEDQGPDEA	345	520
>TP53-P58Q- QWFTEDPG	275	>TP53-P58Q- QWFTEDQG	403	128
>TP53-P60A- PDEAPRMPE	6077	>TP53-P60A- ADEAPRMPE	114	5963
>TP53-P60A- IEQWFTEDPC	5279	>TP53-P60A- IEQWFTEDPC	114	5165
>TP53-P60A- IEQWFTEDPC	1839	>TP53-P60A- IEQWFTEDPC	420	1419
>TP53-P60A- TEDPGPDEA	865	>TP53-P60A- TEDPGADEA	393	472
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>TP53-P60L-1GPDEAPRM	23841	>TP53-P60L-1GLDEAPRM	429	23412
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>TP53-P60L-1GPDEAPRMP	23210	>TP53-P60L-1GLDEAPRMP	289	22921
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>TP53-P60L-1GPDEAPRM	20121	>TP53-P60L-1GLDEAPRM	31	20090
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>TP53-P60L-1GPDEAPRM	35104	>TP53-P60L-1GLDEAPRM	122	34982
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>TP53-P60L-1IEQWFTEDPC	2882	>TP53-P60L-1IEQWFTEDPC	38	2844
>TP53-P60L-1IEQWFTEDPC	1839	>TP53-P60L-1IEQWFTEDPC	34	1805

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>TP53-P60L-1FTEDPGPDEA	736	>TP53-P60L-1FTEDPGLDEA	154	582
>TP53-P60L-1QWFTEDPGP	657	>TP53-P60L-1QWFTEDPGL	212	445
>TP53-P60L-1EQWFTEDPG	14893	>TP53-P60L-1EQWFTEDPG	470	14423
>TP53-P60Q-1PDEAPRMPE	6077	>TP53-P60Q-1QDEAPRMPE	305	5772
>TP53-P60Q-1GPDEAPRMP	17523	>TP53-P60Q-1GQDEAPRMF	112	17411
>TP53-P60Q-1TEDPGPDEA	865	>TP53-P60Q-1TEDPGQDEA	384	481
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>TP53-P60R-1EQWFTEDPG	33399	>TP53-P60R-1EQWFTEDPG	139	33260
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>TP53-P60S-1GPDEAPRM	21751	>TP53-P60S-1GSDEAPRM	92	21659
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>TP53-P60T-1TEDPGPDEA	865	>TP53-P60T-1TEDPGTDEA	425	440
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>TP53-P67L-1MPEAAPRV	26578	>TP53-P67L-1MLEAAPRV	29	26549
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>TP53-P67L-1MPEAAPRV	20617	>TP53-P67L-1MLEAAPRV	41	20576
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>TP53-P67L-1MPEAAPRV	16477	>TP53-P67L-1MLEAAPRV	7	16470
>TP53-P67L-1MPEAAPRVA	26441	>TP53-P67L-1MLEAAPRVA	132	26309
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>TP53-P67L-1MPEAAPRV	21661	>TP53-P67L-1MLEAAPRV	29	21632
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>TP53-P67L-1MPEAAPRVA	36894	>TP53-P67L-1MLEAAPRVA	370	36524
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>TP53-P67L-1MPEAAPRVA	65	>TP53-P67L-1MLEAAPRVA	16487	16422

>TP53-P67L-1MPEAAPRVA	258	>TP53-P67L-1MLEAAPRVA	15404	15146
>TP53-P67L-1MPEAAPRVA	76	>TP53-P67L-1MLEAAPRVA	7487	7411
>TP53-P67L-1MPEAAPRV	496	>TP53-P67L-1MLEAAPRV	22783	22287
>TP53-P67L-1MPEAAPRV	83	>TP53-P67L-1MLEAAPRV	26911	26828
>TP53-P67L-1MPEAAPRVA	15	>TP53-P67L-1MLEAAPRVA	20547	20532
>TP53-P67L-1MPEAAPRVA	10	>TP53-P67L-1MLEAAPRVA	10573	10563
>TP53-P67L-1RMPEAAPRV	35	>TP53-P67L-1RMLEAAPRV	9	26
>TP53-P67L-1RMPEAAPRV	6098	>TP53-P67L-1RMLEAAPRV,	399	5699
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>TP53-P67L-1RMPEAAPRV	1124	>TP53-P67L-1RMLEAAPRV,	61	1063
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>TP53-P67L-1RMPEAAPRV	356	>TP53-P67L-1RMLEAAPRV,	45	311
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>TP53-P67L-1RMPEAAPRV	318	>TP53-P67L-1RMLEAAPRV,	175	143
>TP53-P67L-1RMPEAAPR	1567	>TP53-P67L-1RMLEAAPR	236	1331
>TP53-P67L-1RMPEAAPRV	5315	>TP53-P67L-1RMLEAAPRV	308	5007
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>TP53-P67L-1RMPEAAPR	53	>TP53-P67L-1RMLEAAPR	12	41
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>TP53-P67L-1RMPEAAPR	2910	>TP53-P67L-1RMLEAAPR	261	2649
>TP53-P67L-1RMPEAAPRV	4269	>TP53-P67L-1RMLEAAPRV	461	3808
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>TP53-P67L-1RMPEAAPR	26	>TP53-P67L-1RMLEAAPR	19	7
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>TP53-P67R-PEAAPRVAP/	10172	>TP53-P67R-REAAPRVAP/	291	9881
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>TP53-P67R- MPEAAPRV	83	>TP53-P67R- MREAAPRV	27722	27639
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>TP53-P80L-1 APTPAAPA	29066	>TP53-P80L-1 ALTPAAPA	6	29060
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>TP53-P80L-1 APTPAAPA	74	>TP53-P80L-1 ALTPAAPA	15414	15340
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>TP53-P80L-1 APTPAAPA	122	>TP53-P80L-1 ALTPAAPA	29503	29381
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>TP53-P85S-1 PAAPAPAPSV	188	>TP53-P85S-1 PAASAPAPSV	485	297
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>TP53-P85S-1 TPAAPAPA	460	>TP53-P85S-1 TPAASAPA	717	257
>TP53-P85S-1 TPAAPAPA	121	>TP53-P85S-1 TPAASAPA	81	40

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>TP53-P85S-TPAAPAPAPS	33	>TP53-P85S-TPAASAPAPS	22	11
>TP53-P85S-TPAAPAPA	25	>TP53-P85S-TPAASAPA	38	13
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>TP53-P85S-APTPAAPA	74	>TP53-P85S-APTPAASA	89	15
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>TP53-P85S-APTPAAPA	122	>TP53-P85S-APTPAASA	642	520
>TP53-P85S-APTPAAPAPA	157	>TP53-P85S-APTPAASAPA	201	44
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>TP53-P87Q- AAPAPAPSW	380	>TP53-P87Q- AAPAQAPSW	961	581
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>TP53-P89S-1 PSWPLSSSV	6677	>TP53-P89S-1 SSWPLSSSV	204	6473
>TP53-P89S-1 PSWPLSSSV	3690	>TP53-P89S-1 SSWPLSSSV	173	3517
>TP53-P89S-1 PSWPLSSSV	5857	>TP53-P89S-1 SSWPLSSSV	210	5647
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>TP53-P89S-1 PSWPLSSSV	2768	>TP53-P89S-1 SSWPLSSSV	24	2744
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>TP53-P89S-1 PSWPLSSSV	613	>TP53-P89S-1 SSWPLSSSV	34	579
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>TP53-P89S-1 APSWPLSSS	328	>TP53-P89S-1 ASSWPLSSS	25153	24825
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>TP53-P89S-1 APSWPLSSS	7265	>TP53-P89S-1 ASSWPLSSS	353	6912
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>TP53-P89S-1 AAPAPAPSW	1323	>TP53-P89S-1 AAPAPASSW	366	957
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>TP53-P89S-1 AAPAPAPSW	62	>TP53-P89S-1 AAPAPASSW	54	8
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>TP53-P89S-1 AAPAPAPSW	617	>TP53-P89S-1 AAPAPASSW	442	175
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>TP53-P89S- TPAAPAPAPS	16	>TP53-P89S- TPAAPAPASS	13	3
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>TP53-P92A- PLSSSVPSQ	7908	>TP53-P92A- ALSSSVPSQ	429	7479
>TP53-P92A- PLSSSVPS	10107	>TP53-P92A- ALSSSVPS	377	9730
>TP53-P92A- PLSSSVPSQK	7435	>TP53-P92A- ALSSSVPSQK	237	7198
>TP53-P92A- PLSSSVPSQ	530	>TP53-P92A- ALSSSVPSQ	13	517
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>TP53-P92A- SWPLSSSV	157	>TP53-P92A- SWALSSSV	118	39
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>TP53-P92A- APSWPLSSS	328	>TP53-P92A- APSWALSSS	660	332
>TP53-P92A- APSWPLSSSV	286	>TP53-P92A- APSWALSSSV	214	72
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>TP53-P92A- AAPAPAPSW	136	>TP53-P92A- AAPAPAPSW	162	26
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>TP53-P92L-1 PLSSSVPS	10107	>TP53-P92L-1 LLSSSVPS	318	9789
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>TP53-P92L-1 PLSSSVPSQK	8825	>TP53-P92L-1 LLSSSVPSQK	387	8438
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>TP53-P98S-1 PSQKTYQGSY	513	>TP53-P98S-1 SSQKTYQGSY	166	347
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>TP53-Q104-I TYQGSYGF	93	>TP53-Q104-I TYHGSYGF	137	44
>TP53-Q104-I TYQGSYGFRL	163	>TP53-Q104-I TYHGSYGFRL	358	195
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>TP53-Q167fSQHMTEVVR	363	>TP53-Q167fSKHMTEVVR	1088	725
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>TP53-Q167I KQSQHMTEV	82	>TP53-Q167I KQSKHMTEV	77	5
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>TP53-Q167f AMAIYKQSQf	221	>TP53-Q167f AMAIYKQSRf	339	118
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>TP53-Q167f AMAIYKQSQf	283	>TP53-Q167f AMAIYKQSRf	1504	1221
>TP53-Q167f AMAIYKQSQ	69	>TP53-Q167f AMAIYKQSR	5843	5774
>TP53-Q167f AMAIYKQSQf	49	>TP53-Q167f AMAIYKQSRf	467	418
>TP53-Q167f AMAIYKQSQ	10142	>TP53-Q167f AMAIYKQSR	26	10116
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>TP53-Q167F RAMAIYKQSC	354	>TP53-Q167F RAMAIYKQSF	513	159
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>TP53-Q16L- QETFSDLWKL	93	>TP53-Q16L- LETFSDLWKL	177	84
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>TP53-Q16L- QETFSDLW	34	>TP53-Q16L- LETFSDLW	45	11
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>TP53-Q16L- QETFSDLWKL	152	>TP53-Q16L- LETFSDLWKL	105	47
>TP53-Q16L- QETFSDLWKL	388	>TP53-Q16L- LETFSDLWKL	320	68
>TP53-Q16L- QETFSDLW	1732	>TP53-Q16L- LETFSDLW	291	1441
>TP53-Q16L- QETFSDLW	1528	>TP53-Q16L- LETFSDLW	46	1482
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>TP53-Q16L- SQETFSDLW	276	>TP53-Q16L- SLETFSDLW	2826	2550
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>TP53-Q5H·v·MEEPQSDPS\	108	>TP53-Q5H·r·MEEPHSDPS\	164	56
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>TP53-Q5H·v·MEEPQSDPS\	195	>TP53-Q5H·r·MEEPHSDPS\	152	43
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>TP53-R110C·FRLGFLHSG	306	>TP53-R110C·FCLGFLHSG	22481	22175
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>TP53-R110CSYGFRLGF	7	>TP53-R110C SYGFCLGF	7	0
>TP53-R110CSYGFRLGFL	12	>TP53-R110C SYGFCLGFL	12	0
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>TP53-R110CSYGFRLGFL	139	>TP53-R110C SYGFCLGFL	133	6
>TP53-R110CSYGFRLGFL	222	>TP53-R110C SYGFCLGFL	253	31
>TP53-R110CGSYGFRLGF	78	>TP53-R110C GSYGFCLGF	112	34
>TP53-R110CGSYGFRLGFL	227	>TP53-R110C GSYGFCLGFL	369	142
>TP53-R110CGSYGFRLGFL	237	>TP53-R110C GSYGFCLGFL	175	62
>TP53-R110CGSYGFRLGFL	549	>TP53-R110C GSYGFCLGFL	363	186
>TP53-R110CGSYGFRLGFL	491	>TP53-R110C GSYGFCLGFL	641	150
>TP53-R110CGSYGFRLGFL	98	>TP53-R110C GSYGFCLGFL	124	26
>TP53-R110CGSYGFRLGF	631	>TP53-R110C GSYGFCLGF	279	352
>TP53-R110CGSYGFRLGFL	706	>TP53-R110C GSYGFCLGFL	417	289
>TP53-R110CGSYGFRLGF	61	>TP53-R110C GSYGFCLGF	67	6
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>TP53-R110CGSYGFRLGF	111	>TP53-R110C GSYGFCLGF	117	6
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>TP53-R110CGSYGFRLGF	222	>TP53-R110C GSYGFCLGF	863	641
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>TP53-R110CGSYGFRLGF	44	>TP53-R110C GSYGFCLGF	22	22
>TP53-R110CGSYGFRLGFL	70	>TP53-R110C GSYGFCLGFL	46	24
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>TP53-R110CQGSYGFRLGF	278	>TP53-R110C QGSYGFCLGF	726	448
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>TP53-R110CYQGSYGFRL	15	>TP53-R110C YQGSYGFCL	17	2
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>TP53-R110CYQGSYGR	77	>TP53-R110CYQGSYFCL	27	50
>TP53-R110CYQGSYGR	6	>TP53-R110CYQGSYFCL	6	0
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>TP53-R110CYQGSYGR	223	>TP53-R110CYQGSYFCL	36135	35912
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>TP53-R110CTYQGSYGR	1124	>TP53-R110CTYQGSYFCL	395	729
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>TP53-R110CTYQGSYGR	151	>TP53-R110CTYQGSYFCL	291	140
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>TP53-R110F RLGFLHSGTA	384	>TP53-R110F HLGFLHSGTA	1376	992
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>TP53-R110F FRLGFLHS	142	>TP53-R110F FHLGFLHS	12723	12581
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>TP53-R110F FRLGFLHSGT	412	>TP53-R110F FHLGFLHSGT	16065	15653
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>TP53-R110F GFRLGFLH	561	>TP53-R110F GFHLGFLH	308	253
>TP53-R110F YGFRLGFL	116	>TP53-R110F YGFHLGFL	588	472
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>TP53-R110F GSYGFRLGF	78	>TP53-R110F GSYGFHLGF	67	11
>TP53-R110F GSYGFRLGFL	227	>TP53-R110F GSYGFHLGFL	330	103
>TP53-R110F GSYGFRLGFL	237	>TP53-R110F GSYGFHLGFL	159	78
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>TP53-R110F GSYGFRLGF	111	>TP53-R110F GSYGFHLGF	81	30
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>TP53-R110F YQGSYGFRLC	1223	>TP53-R110F YQGSYGFHLC	485	738
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>TP53-R110F YQGSYGFRL	476	>TP53-R110F YQGSYGFH	26368	25892
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>TP53-R110F YQGSYGFRL	77	>TP53-R110F YQGSYGFHL	24	53
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>TP53-R110F TYQGSYGFRL	19	>TP53-R110F TYQGSYGFH	5570	5551
>TP53-R110F TYQGSYGFRL	25	>TP53-R110F TYQGSYGFH	11133	11108
>TP53-R110F TYQGSYGFRL	154	>TP53-R110F TYQGSYGFH	18581	18427
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>TP53-R110F TYQGSYGFRL	598	>TP53-R110F TYQGSYGFHL	64	534
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>TP53-R110F KTYQGSYGFR	407	>TP53-R110F KTYQGSYGFF	15465	15058
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>TP53-R110F KTYQGSYGFR	402	>TP53-R110F KTYQGSYGFF	261	141
>TP53-R110F KTYQGSYGFR	2004	>TP53-R110F KTYQGSYGFF	465	1539
>TP53-R110F KTYQGSYGFR	1124	>TP53-R110F KTYQGSYGFF	446	678
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>TP53-R110F KTYQGSYGFR	35	>TP53-R110F KTYQGSYGFF	24	11
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>TP53-R110F KTYQGSYGFR	345	>TP53-R110F KTYQGSYGFF	22549	22204
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>TP53-R110L RLGFLHSGTA	554	>TP53-R110L LLGFLHSGTA	81	473
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>TP53-R110L RLGFLHSGTA	384	>TP53-R110L LLGFLHSGTA	6437	6053
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>TP53-R110L FRLGFLHS	21521	>TP53-R110L FLLGFLHS	99	21422
>TP53-R110L FRLGFLHSG	22701	>TP53-R110L FLLGFLHSG	156	22545
>TP53-R110L FRLGFLHSGT	12174	>TP53-R110L FLLGFLHSGT	27	12147
>TP53-R110L FRLGFLHSGT,	13756	>TP53-R110L FLLGFLHSGT/	24	13732
>TP53-R110L FRLGFLHS	18540	>TP53-R110L FLLGFLHS	101	18439
>TP53-R110L FRLGFLHSG	8655	>TP53-R110L FLLGFLHSG	19	8636
>TP53-R110L FRLGFLHSGT	6068	>TP53-R110L FLLGFLHSGT	19	6049
>TP53-R110L FRLGFLHSGT,	4637	>TP53-R110L FLLGFLHSGT/	22	4615
>TP53-R110L FRLGFLHSG	22066	>TP53-R110L FLLGFLHSG	257	21809
>TP53-R110L FRLGFLHSGT	4597	>TP53-R110L FLLGFLHSGT	17	4580
>TP53-R110L FRLGFLHSGT,	9093	>TP53-R110L FLLGFLHSGT/	6	9087



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>TP53-R110L FRLGFLHSG	8454	>TP53-R110L FLLGFLHSG	189	8265
>TP53-R110L FRLGFLHSGT	716	>TP53-R110L FLLGFLHSGT	36	680
>TP53-R110L FRLGFLHSGT,	1440	>TP53-R110L FLLGFLHSGT/	28	1412
>TP53-R110L FRLGFLHS	16065	>TP53-R110L FLLGFLHS	20	16045
>TP53-R110L FRLGFLHSG	10221	>TP53-R110L FLLGFLHSG	8	10213
>TP53-R110L FRLGFLHSGT	7187	>TP53-R110L FLLGFLHSGT	3	7184
>TP53-R110L FRLGFLHSGT,	2991	>TP53-R110L FLLGFLHSGT/	3	2988
>TP53-R110L FRLGFLHSG	12986	>TP53-R110L FLLGFLHSG	156	12830
>TP53-R110L FRLGFLHSGT	16386	>TP53-R110L FLLGFLHSGT	60	16326
>TP53-R110L FRLGFLHSGT,	11457	>TP53-R110L FLLGFLHSGT/	9	11448
>TP53-R110L FRLGFLHS	17939	>TP53-R110L FLLGFLHS	93	17846
>TP53-R110L FRLGFLHSG	20327	>TP53-R110L FLLGFLHSG	167	20160
>TP53-R110L FRLGFLHSGT	15541	>TP53-R110L FLLGFLHSGT	23	15518
>TP53-R110L FRLGFLHSGT,	13430	>TP53-R110L FLLGFLHSGT/	10	13420
>TP53-R110L FRLGFLHSGT	19070	>TP53-R110L FLLGFLHSGT	29	19041
>TP53-R110L FRLGFLHSGT,	15968	>TP53-R110L FLLGFLHSGT/	15	15953
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>TP53-R110L FRLGFLHSGT,	11766	>TP53-R110L FLLGFLHSGT/	300	11466
>TP53-R110L FRLGFLHS	142	>TP53-R110L FLLGFLHS	14518	14376
>TP53-R110L FRLGFLHSG	306	>TP53-R110L FLLGFLHSG	15683	15377
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>TP53-R110L FRLGFLHSGT,	174	>TP53-R110L FLLGFLHSGT/	15593	15419
>TP53-R110L QKTYQGSYGI	2449	>TP53-R110L QKTYQGSYGI	403	2046
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>TP53-R110L YGFRLGFL	116	>TP53-R110L YGFLLGFL	304	188
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>TP53-R110L SYGFRLGF	338	>TP53-R110L SYGFLLGF	212	126
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>TP53-R110L GSYGFRLGFL	491	>TP53-R110L GSYGFLLGFLI	611	120
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>TP53-R110L TYQGSYGFR	25	>TP53-R110L TYQGSYGFL	8520	8495
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>TP53-R110F FRLGFLHS	17290	>TP53-R110F FPLGFLHS	28	17262
>TP53-R110F FRLGFLHSG	12578	>TP53-R110F FPLGFLHSG	16	12562
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>TP53-R110F YGFRLGFL	116	>TP53-R110F YGFPLGFL	849	733
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>TP53-R110F QGSYGFRLGF	278	>TP53-R110F QGSYGFPLGF	74	204
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>TP53-R110F KTYQGSYGFR	28	>TP53-R110F KTYQGSYGFP	137	109
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>TP53-R110F KTYQGSYGFR	370	>TP53-R110F KTYQGSYGFP	14981	14611
>TP53-R110F KTYQGSYGFR	25	>TP53-R110F KTYQGSYGFP	22768	22743
>TP53-R110F KTYQGSYGFR	43	>TP53-R110F KTYQGSYGFP	36	7
>TP53-R110S RLGFLHSGTA	326	>TP53-R110S SLGFLHSGTA	179	147
>TP53-R110S RLGFLHSGTA	162	>TP53-R110S SLGFLHSGTA	135	27
>TP53-R110S RLGFLHSGTA	1633	>TP53-R110S SLGFLHSGTA	305	1328
>TP53-R110S RLGFLHSGTA	554	>TP53-R110S SLGFLHSGTA	173	381
>TP53-R110S RLGFLHSGTA	43	>TP53-R110S SLGFLHSGTA	104	61
>TP53-R110S RLGFLHSGTA	125	>TP53-R110S SLGFLHSGTA	71	54

>TP53-R110S RLGFLHSGTA	384	>TP53-R110S SLGFLHSGTA	3906	3522
>TP53-R110S RLGFLHSGTA	262	>TP53-R110S SLGFLHSGTA	2120	1858
>TP53-R110S FRLGFLHSGT	716	>TP53-R110S FSLGFLHSGT	156	560
>TP53-R110S FRLGFLHSGT,	1440	>TP53-R110S FSLGFLHSGT/	95	1345
>TP53-R110S FRLGFLHSGT,	11766	>TP53-R110S FSLGFLHSGT/	346	11420
>TP53-R110S FRLGFLHS	142	>TP53-R110S FSLGFLHS	15027	14885
>TP53-R110S FRLGFLHSG	306	>TP53-R110S FSLGFLHSG	16025	15719
>TP53-R110S FRLGFLHSGT	412	>TP53-R110S FSLGFLHSGT	29297	28885
>TP53-R110S FRLGFLHSGT,	174	>TP53-R110S FSLGFLHSGT/	15864	15690
>TP53-R110S GFRLGFLH	561	>TP53-R110S GFSLGFLH	182	379
>TP53-R110S YGFRLGFL	116	>TP53-R110S YGFSLGFL	246	130
>TP53-R110S YGFRLGFL	486	>TP53-R110S YGFSLGFL	143	343
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>TP53-R110S YGFRLGFLH	1068	>TP53-R110S YGFSLGFLH	234	834
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>TP53-R110S SYGFRLGF	356	>TP53-R110S SYGFSLGF	228	128
>TP53-R110S SYGFRLGF	232	>TP53-R110S SYGFSLGF	189	43
>TP53-R110S SYGFRLGFL	319	>TP53-R110S SYGFSLGFL	605	286
>TP53-R110S SYGFRLGF	7	>TP53-R110S SYGFSLGF	7	0
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>TP53-R110S SYGFRLGF	338	>TP53-R110S SYGFSLGF	510	172
>TP53-R110S SYGFRLGFL	139	>TP53-R110S SYGFSLGFL	164	25
>TP53-R110S SYGFRLGFL	222	>TP53-R110S SYGFSLGFL	116	106
>TP53-R110S GSYGFRLGF	78	>TP53-R110S GSYGFSLGF	96	18
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>TP53-R110S GSYGFRLGFL	237	>TP53-R110S GSYGFSLGFL	128	109
>TP53-R110S GSYGFRLGFL	549	>TP53-R110S GSYGFSLGFL	271	278
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>TP53-R110S GSYGFRLGFLI	98	>TP53-R110S GSYGFSLGFLI	82	16
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>TP53-R110S GSYGFRLGFL	706	>TP53-R110S GSYGFSLGFLI	400	306
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>TP53-R110S GSYGFRLGFL	621	>TP53-R110S GSYGFSLGFL	330	291
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>TP53-R110S GSYGFRLGF	111	>TP53-R110S GSYGFSLGF	74	37
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>TP53-R110S GSYGFRLGFL	31	>TP53-R110S GSYGFSLGFL	12	19
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>TP53-R110S GSYGFRLGFL	802	>TP53-R110S GSYGFSLGFL	289	513
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>TP53-R110S GSYGFRLGFL	70	>TP53-R110S GSYGFSLGFL	52	18
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>TP53-R110S GSYGFRLGFL	1593	>TP53-R110S GSYGFSLGFL	165	1428
>TP53-R110S QGSYGFRLGF	278	>TP53-R110S QGSYGFSLGF	102	176
>TP53-R110S YQGSYGFRL	30	>TP53-R110S YQGSYGFSL	20	10
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>TP53-R110S YQGSYGFRL	32	>TP53-R110S YQGSYGFSL	28	4
>TP53-R110S YQGSYGFRL	167	>TP53-R110S YQGSYGFSL	48	119
>TP53-R110S YQGSYGFRL	632	>TP53-R110S YQGSYGFSL	289	343
>TP53-R110S YQGSYGFRL	993	>TP53-R110S YQGSYGFSL	463	530
>TP53-R110S YQGSYGFRL	54	>TP53-R110S YQGSYGFSL	16889	16835
>TP53-R110S YQGSYGFRL	476	>TP53-R110S YQGSYGFSL	35824	35348
>TP53-R110S YQGSYGFRL	211	>TP53-R110S YQGSYGFSL	58	153
>TP53-R110S YQGSYGFRLC	1485	>TP53-R110S YQGSYGFSLG	468	1017
>TP53-R110S YQGSYGFRLC	32	>TP53-R110S YQGSYGFSLG	25	7
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>TP53-R110S YQGSYGFRL	77	>TP53-R110S YQGSYGFSL	11	66
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>TP53-R110S YQGSYGFRL	145	>TP53-R110S YQGSYGFSL	28	117
>TP53-R110S YQGSYGFRL	223	>TP53-R110S YQGSYGFSL	27615	27392
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>TP53-R110S TYQGSYGFRL	163	>TP53-R110S TYQGSYGFSL	94	69
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>TP53-R110S KTYQGSYGFRL	169	>TP53-R110S KTYQGSYGFSL	97	72
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>TP53-R110S KTYQGSYGFR	57	>TP53-R110S KTYQGSYGFS	32034	31977
>TP53-R110S KTYQGSYGFR	402	>TP53-R110S KTYQGSYGFS	170	232
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>TP53-R110S KTYQGSYGFR	1124	>TP53-R110S KTYQGSYGFS	206	918
>TP53-R110S KTYQGSYGFR	465	>TP53-R110S KTYQGSYGFS	258	207
>TP53-R110S KTYQGSYGFR	3	>TP53-R110S KTYQGSYGFS	3	0
>TP53-R110S KTYQGSYGFR	439	>TP53-R110S KTYQGSYGFS	395	44
>TP53-R110S KTYQGSYGFR	35	>TP53-R110S KTYQGSYGFS	33	2
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>TP53-R110S KTYQGSYGFR	28	>TP53-R110S KTYQGSYGFS	33	5
>TP53-R110S KTYQGSYGFR	345	>TP53-R110S KTYQGSYGFS	21912	21567
>TP53-R110S KTYQGSYGFR	370	>TP53-R110S KTYQGSYGFS	6137	5767
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>TP53-R110S KTYQGSYGFR	43	>TP53-R110S KTYQGSYGFS	23	20
>TP53-R156C RVRAMAIY	205	>TP53-R156C CVRAMAIY	2360	2155
>TP53-R156C RVRAMAIYK	28	>TP53-R156C CVRAMAIYK	49	21
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>TP53-R156C RVRAMAIY	241	>TP53-R156C CVRAMAIY	135	106
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>TP53-R156C RVRAMAIYK	3	>TP53-R156C CVRAMAIYK	4	1
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>TP53-R156C RVRAMAIYKC	9	>TP53-R156C CVRAMAIYKC	389	380
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>TP53-R156C RVRAMAIYK	18	>TP53-R156C CVRAMAIYK	242	224
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>TP53-R156C RVRAMAIY	26	>TP53-R156C CVRAMAIY	224	198
>TP53-R156C RVRAMAIY	85	>TP53-R156C CVRAMAIY	615	530
>TP53-R156C RVRAMAIY	311	>TP53-R156C CVRAMAIY	2325	2014
>TP53-R156C RVRAMAIY	7	>TP53-R156C CVRAMAIY	217	210
>TP53-R156C RVRAMAIY	211	>TP53-R156C CVRAMAIY	4790	4579
>TP53-R156C RVRAMAIY	1386	>TP53-R156C CVRAMAIY	399	987
>TP53-R156C RVRAMAIYK	156	>TP53-R156C CVRAMAIYK	735	579
>TP53-R156C TRVRAMAIY	62	>TP53-R156C TCVRAMAIY	5	57
>TP53-R156C TRVRAMAIY	278	>TP53-R156C TCVRAMAIY	4073	3795
>TP53-R156C TRVRAMAI	215	>TP53-R156C TCVRAMAI	12366	12151
>TP53-R156C TRVRAMAIY	2598	>TP53-R156C TCVRAMAIY	199	2399
>TP53-R156C GTRVRAMAI	269	>TP53-R156C GTCVRAMAI	652	383

>TP53-R156C GTRVRAMAI	50	>TP53-R156C GTCVRAMAI	88	38
>TP53-R156C GTRVRAMAI	39	>TP53-R156C GTCVRAMAI	9	30
>TP53-R156C GTRVRAMAI	715	>TP53-R156C GTCVRAMAI	396	319
>TP53-R156C GTRVRAMA	18	>TP53-R156C GTCVRAMA	3751	3733
>TP53-R156C GTRVRAMAI	9	>TP53-R156C GTCVRAMAI	1860	1851
>TP53-R156C GTRVRAMAI	30	>TP53-R156C GTCVRAMAI	4926	4896
>TP53-R156C GTRVRAMAI	3	>TP53-R156C GTCVRAMAI	46	43
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>TP53-R156C GTRVRAMAI	115	>TP53-R156C GTCVRAMAI	254	139
>TP53-R156C GTRVRAMAI	671	>TP53-R156C GTCVRAMAI	120	551
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>TP53-R156C GTRVRAMAI	40	>TP53-R156C GTCVRAMAI	248	208
>TP53-R156C GTRVRAMAI	4	>TP53-R156C GTCVRAMAI	10	6
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>TP53-R156C GTRVRAMAI	269	>TP53-R156C GTCVRAMAI	167	102
>TP53-R156C GTRVRAMAI	387	>TP53-R156C GTCVRAMAI	100	287
>TP53-R156C PPGTRVRAM	68	>TP53-R156C PPGTCVRAM	149	81
>TP53-R156C PPPGTRVRAM	370	>TP53-R156C PPPGTCVRAM	354	16
>TP53-R156C PPPGTRVRAM	450	>TP53-R156C PPPGTCVRAM	285	165
>TP53-R156C TPPPGRVRA	482	>TP53-R156C TPPPGTVCRA	162	320
>TP53-R156C TPPPGRVRA	32	>TP53-R156C TPPPGTVCRA	53	21
>TP53-R156C TPPPGRVRA	139	>TP53-R156C TPPPGTVCRA	53	86
>TP53-R156C TPPPGRV	273	>TP53-R156C TPPPGTVCV	253	20
>TP53-R156C STPPPGRV	136	>TP53-R156C STPPPGTVCV	509	373
>TP53-R156C STPPPGRV	743	>TP53-R156C STPPPGTVCV	419	324
>TP53-R156C STPPPGRV	116	>TP53-R156C STPPPGTVCV	321	205
>TP53-R156C STPPPGRVVR	851	>TP53-R156C STPPPGTVCVR	312	539
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>TP53-R156C STPPPGR	352	>TP53-R156C STPPPGTC	38161	37809
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>TP53-R156C STPPPGRV	18	>TP53-R156C STPPPGTVCV	33	15
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>TP53-R156C STPPPGR	7371	>TP53-R156C STPPPGTC	308	7063
>TP53-R156C STPPPGRV	4	>TP53-R156C STPPPGTVCV	5	1
>TP53-R156C STPPPGRVVR	96	>TP53-R156C STPPPGTVCVR	171	75
>TP53-R156C STPPPGRVVR	54	>TP53-R156C STPPPGTVCVR	35	19
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>TP53-R156C STPPPGRV	311	>TP53-R156C STPPPGTVCV	344	33
>TP53-R156C DSTPPPGR	203	>TP53-R156C DSTPPPGTC	35127	34924
>TP53-R156C DSTPPPGRV	372	>TP53-R156C DSTPPPGTVCV	154	218
>TP53-R156C DSTPPPGR	161	>TP53-R156C DSTPPPGTC	36923	36762
>TP53-R156C DSTPPPGRV	208	>TP53-R156C DSTPPPGTVCV	80	128

>TP53-R156C RVRAMAIY	205	>TP53-R156C GVRAMAIY	1635	1430
>TP53-R156C RVRAMAIYK	28	>TP53-R156C GVRAMAIYK	41	13
>TP53-R156C RVRAMAIYK	20	>TP53-R156C GVRAMAIYK	22	2
>TP53-R156C RVRAMAIY	241	>TP53-R156C GVRAMAIY	624	383
>TP53-R156C RVRAMAIY	398	>TP53-R156C GVRAMAIY	133	265
>TP53-R156C RVRAMAIY	5	>TP53-R156C GVRAMAIY	99	94
>TP53-R156C RVRAMAIYK	3	>TP53-R156C GVRAMAIYK	4	1
>TP53-R156C RVRAMAIYKC	10	>TP53-R156C GVRAMAIYKC	384	374
>TP53-R156C RVRAMAIYKC	9	>TP53-R156C GVRAMAIYKC	340	331
>TP53-R156C RVRAMAIY	107	>TP53-R156C GVRAMAIY	243	136
>TP53-R156C RVRAMAIYK	18	>TP53-R156C GVRAMAIYK	188	170
>TP53-R156C RVRAMAIY	26	>TP53-R156C GVRAMAIY	1415	1389
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>TP53-R156C RVRAMAIY	311	>TP53-R156C GVRAMAIY	3706	3395
>TP53-R156C RVRAMAIY	7	>TP53-R156C GVRAMAIY	94	87
>TP53-R156C RVRAMAIY	211	>TP53-R156C GVRAMAIY	7333	7122
>TP53-R156C RVRAMAIYK	156	>TP53-R156C GVRAMAIYK	8056	7900
>TP53-R156C TRVRAMAIY	62	>TP53-R156C TGVRAMAIY	177	115
>TP53-R156C TRVRAMAIY	1130	>TP53-R156C TGVRAMAIY	347	783
>TP53-R156C TRVRAMAIY	278	>TP53-R156C TGVRAMAIY	4476	4198
>TP53-R156C TRVRAMAI	215	>TP53-R156C TGVRAMAI	12352	12137
>TP53-R156C TRVRAMAIY	2598	>TP53-R156C TGVRAMAIY	426	2172
>TP53-R156C GTRVRAMAI'	269	>TP53-R156C GTGVRAMAI'	146	123
>TP53-R156C GTRVRAMAI'	50	>TP53-R156C GTGVRAMAI'	95	45
>TP53-R156C GTRVRAMAI'	39	>TP53-R156C GTGVRAMAI'	13	26
>TP53-R156C GTRVRAMA	18	>TP53-R156C GTGVRAMA	7850	7832
>TP53-R156C GTRVRAMAI	9	>TP53-R156C GTGVRAMAI	5075	5066
>TP53-R156C GTRVRAMAI'	30	>TP53-R156C GTGVRAMAI'	9487	9457
>TP53-R156C GTRVRAMAI'	3	>TP53-R156C GTGVRAMAI'	174	171
>TP53-R156C GTRVRAMAI'	130	>TP53-R156C GTGVRAMAI'	77	53
>TP53-R156C GTRVRAMAI'	115	>TP53-R156C GTGVRAMAI'	944	829
>TP53-R156C GTRVRAMAI'	671	>TP53-R156C GTGVRAMAI'	468	203
>TP53-R156C GTRVRAMAI'	405	>TP53-R156C GTGVRAMAI'	1294	889
>TP53-R156C GTRVRAMAI	40	>TP53-R156C GTGVRAMAI	1291	1251
>TP53-R156C GTRVRAMAI'	4	>TP53-R156C GTGVRAMAI'	25	21
>TP53-R156C GTRVRAMAI	122	>TP53-R156C GTGVRAMAI	2139	2017
>TP53-R156C GTRVRAMAI'	21	>TP53-R156C GTGVRAMAI'	31	10
>TP53-R156C GTRVRAMAI'	269	>TP53-R156C GTGVRAMAI'	227	42
>TP53-R156C GTRVRAMAI	387	>TP53-R156C GTGVRAMAI	291	96
>TP53-R156C PGTRVRAMA	619	>TP53-R156C PGTGVRAMA	444	175
>TP53-R156C PPGTRVRAM	68	>TP53-R156C PPGTGVRAM	168	100
>TP53-R156C PPPGTRVRAM	370	>TP53-R156C PPPGTGVRAM	1131	761
>TP53-R156C PPPGTRVRAM	450	>TP53-R156C PPPGTGVRAM	482	32

>TP53-R156C TPPP GTRVRA	482	>TP53-R156C TPPP GTGVR/	132	350
>TP53-R156C TPPP GTRVRA	32	>TP53-R156C TPPP GTGVR/	42	10
>TP53-R156C TPPP GTRVRA	139	>TP53-R156C TPPP GTGVR/	67	72
>TP53-R156C TPPP GTRV	273	>TP53-R156C TPPP GTGV	1167	894
>TP53-R156C STPPP GTRV	1981	>TP53-R156C STPPP GTGV	339	1642
>TP53-R156C STPPP GTRV	136	>TP53-R156C STPPP GTGV	77	59
>TP53-R156C STPPP GTRV	743	>TP53-R156C STPPP GTGV	257	486
>TP53-R156C STPPP GTRV	116	>TP53-R156C STPPP GTGV	141	25
>TP53-R156C STPPP GTR	352	>TP53-R156C STPPP GTG	36057	35705
>TP53-R156C STPPP GTRVR	129	>TP53-R156C STPPP GTGVR	103	26
>TP53-R156C STPPP GTRV	18	>TP53-R156C STPPP GTGV	12	6
>TP53-R156C STPPP GTRVR	82	>TP53-R156C STPPP GTGVR	187	105
>TP53-R156C STPPP GTRV	512	>TP53-R156C STPPP GTGV	96	416
>TP53-R156C STPPP GTRV	4	>TP53-R156C STPPP GTGV	5	1
>TP53-R156C STPPP GTRVR	96	>TP53-R156C STPPP GTGVR	199	103
>TP53-R156C STPPP GTRVR	54	>TP53-R156C STPPP GTGVR	38	16
>TP53-R156C STPPP GTRV	259	>TP53-R156C STPPP GTGV	1383	1124
>TP53-R156C STPPP GTRV	311	>TP53-R156C STPPP GTGV	456	145
>TP53-R156C DSTPPP GTR	203	>TP53-R156C DSTPPP GTG	34372	34169
>TP53-R156C DSTPPP GTRV	372	>TP53-R156C DSTPPP GTGV	320	52
>TP53-R156C DSTPPP GTR	161	>TP53-R156C DSTPPP GTG	35199	35038
>TP53-R156C DSTPPP GTRV	208	>TP53-R156C DSTPPP GTGV	142	66
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>TP53-R156F RVRAMAIY	205	>TP53-R156F HVRAMAIY	569	364
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>TP53-R156F RVRAMAIYK	20	>TP53-R156F HVRAMAIYK	53	33
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>TP53-R156F RVRAMAIY	241	>TP53-R156F HVRAMAIY	61	180
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>TP53-R156F RVRAMAIY	5	>TP53-R156F HVRAMAIY	9	4
>TP53-R156F RVRAMAIYK	3	>TP53-R156F HVRAMAIYK	3	0
>TP53-R156F RVRAMAIYKC	10	>TP53-R156F HVRAMAIYKC	23	13
>TP53-R156F RVRAMAIYKC	9	>TP53-R156F HVRAMAIYKC	19	10
>TP53-R156F RVRAMAIY	107	>TP53-R156F HVRAMAIY	213	106
>TP53-R156F RVRAMAIYK	18	>TP53-R156F HVRAMAIYK	49	31
>TP53-R156F RVRAMAIYK	588	>TP53-R156F HVRAMAIYK	34	554
>TP53-R156F RVRAMAIY	26	>TP53-R156F HVRAMAIY	65	39
>TP53-R156F RVRAMAIY	85	>TP53-R156F HVRAMAIY	156	71
>TP53-R156F RVRAMAIY	1402	>TP53-R156F HVRAMAIY	191	1211
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>TP53-R156F RVRAMAIY	211	>TP53-R156F HVRAMAIY	2519	2308
>TP53-R156F RVRAMAIYK	156	>TP53-R156F HVRAMAIYK	204	48
>TP53-R156F TRVRAMAIY	62	>TP53-R156F THVRAMAIY	92	30
>TP53-R156F TRVRAMAIY	278	>TP53-R156F THVRAMAIY	671	393
>TP53-R156F TRVRAMAI	215	>TP53-R156F THVRAMAI	99	116
>TP53-R156F GTRVRAMAI\	269	>TP53-R156F GTHVRAMAI'	440	171
>TP53-R156F GTRVRAMAI\	50	>TP53-R156F GTHVRAMAI'	54	4
>TP53-R156F GTRVRAMAI\	39	>TP53-R156F GTHVRAMAI'	11	28
>TP53-R156F GTRVRAMAI\	715	>TP53-R156F GTHVRAMAI'	469	246
>TP53-R156F GTRVRAMA	18	>TP53-R156F GTHVRAMA	152	134
>TP53-R156F GTRVRAMAI	9	>TP53-R156F GTHVRAMAI	51	42
>TP53-R156F GTRVRAMAI\	30	>TP53-R156F GTHVRAMAI'	288	258
>TP53-R156F GTRVRAMAI\	3	>TP53-R156F GTHVRAMAI'	6	3
>TP53-R156F GTRVRAMAI\	130	>TP53-R156F GTHVRAMAI'	121	9
>TP53-R156F GTRVRAMAI\	115	>TP53-R156F GTHVRAMAI'	192	77
>TP53-R156F GTRVRAMAI	2287	>TP53-R156F GTHVRAMAI	434	1853
>TP53-R156F GTRVRAMAI\	671	>TP53-R156F GTHVRAMAI'	111	560
>TP53-R156F GTRVRAMAI\	405	>TP53-R156F GTHVRAMAI'	755	350
>TP53-R156F GTRVRAMAI	40	>TP53-R156F GTHVRAMAI	130	90
>TP53-R156F GTRVRAMAI\	4	>TP53-R156F GTHVRAMAI'	7	3
>TP53-R156F GTRVRAMAI	122	>TP53-R156F GTHVRAMAI	1129	1007
>TP53-R156F GTRVRAMAI\	21	>TP53-R156F GTHVRAMAI'	25	4
>TP53-R156F GTRVRAMAI\	269	>TP53-R156F GTHVRAMAI'	193	76
>TP53-R156F GTRVRAMAI	387	>TP53-R156F GTHVRAMAI	114	273
>TP53-R156F PGTRVRAMA	619	>TP53-R156F PGTHVRAMA	285	334
>TP53-R156F PPGTRVRAM	68	>TP53-R156F PPGTHVRAM	83	15
>TP53-R156F PPPGTRVRAM	370	>TP53-R156F PPPGTHVRAI'	925	555
>TP53-R156F PPPGTRVRAM	450	>TP53-R156F PPPGTHVRAI'	811	361
>TP53-R156F TPPPGTRV	763	>TP53-R156F TPPPGTHV	208	555
>TP53-R156F TPPPGTRVRA	482	>TP53-R156F TPPPGTHVRA'	253	229
>TP53-R156F TPPPGTRVRA	32	>TP53-R156F TPPPGTHVRA'	39	7
>TP53-R156F TPPPGTRVRA	139	>TP53-R156F TPPPGTHVRA'	53	86
>TP53-R156F TPPPGTRV	273	>TP53-R156F TPPPGTHV	242	31
>TP53-R156F TPPPGTRVRA	727	>TP53-R156F TPPPGTHVRA'	192	535
>TP53-R156F STPPP GTRV	1981	>TP53-R156F STPPP GTHV	412	1569
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>TP53-R156F STPPP GTRV	743	>TP53-R156F STPPP GTHV	258	485
>TP53-R156F STPPP GTRV	116	>TP53-R156F STPPP GTHV	172	56
>TP53-R156F STPPP GTRVR	851	>TP53-R156F STPPP GTHVR	304	547
>TP53-R156F STPPP GTRVR	730	>TP53-R156F STPPP GTHVR	494	236
>TP53-R156F STPPP GTR	352	>TP53-R156F STPPP GTH	17256	16904
>TP53-R156F STPPP GTRVR	129	>TP53-R156F STPPP GTHVR	35	94
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>TP53-R156F-STPPPGTRVR	82	>TP53-R156F-STPPPGTHVR	104	22
>TP53-R156F-STPPPGTRV	512	>TP53-R156F-STPPPGTHV	329	183
>TP53-R156F-STPPPGTRV	4	>TP53-R156F-STPPPGTHV	4	0
>TP53-R156F-STPPPGTRVR	96	>TP53-R156F-STPPPGTHVR	33	63
>TP53-R156F-STPPPGTRVR	54	>TP53-R156F-STPPPGTHVR	21	33
>TP53-R156F-STPPPGTRV	259	>TP53-R156F-STPPPGTHV	1530	1271
>TP53-R156F-STPPPGTRV	311	>TP53-R156F-STPPPGTHV	194	117
>TP53-R156F-DSTPPPGTR	203	>TP53-R156F-DSTPPPGTH	25423	25220
>TP53-R156F-DSTPPPGTRV	372	>TP53-R156F-DSTPPPGTHV	170	202
>TP53-R156F-DSTPPPGTR	161	>TP53-R156F-DSTPPPGTH	14382	14221
>TP53-R156F-DSTPPPGTRV	208	>TP53-R156F-DSTPPPGTHV	61	147
>TP53-R156L-RVRAMAIY	205	>TP53-R156L-LVRAMAIY	1489	1284
>TP53-R156L-RVRAMAIYK	28	>TP53-R156L-LVRAMAIYK	39	11
>TP53-R156L-RVRAMAIYK	20	>TP53-R156L-LVRAMAIYK	45	25
>TP53-R156L-RVRAMAIY	241	>TP53-R156L-LVRAMAIY	215	26
>TP53-R156L-RVRAMAIY	398	>TP53-R156L-LVRAMAIY	109	289
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>TP53-R156L-RVRAMAIYK	3	>TP53-R156L-LVRAMAIYK	3	0
>TP53-R156L-RVRAMAIYKC	10	>TP53-R156L-LVRAMAIYKC	178	168
>TP53-R156L-RVRAMAIYKC	9	>TP53-R156L-LVRAMAIYKC	154	145
>TP53-R156L-RVRAMAIY	107	>TP53-R156L-LVRAMAIY	174	67
>TP53-R156L-RVRAMAIYK	18	>TP53-R156L-LVRAMAIYK	113	95
>TP53-R156L-RVRAMAIYK	588	>TP53-R156L-LVRAMAIYK	133	455
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>TP53-R156L-RVRAMAIY	85	>TP53-R156L-LVRAMAIY	86	1
>TP53-R156L-RVRAMAIY	311	>TP53-R156L-LVRAMAIY	680	369
>TP53-R156L-RVRAMAIY	7	>TP53-R156L-LVRAMAIY	27	20
>TP53-R156L-RVRAMAIY	2702	>TP53-R156L-LVRAMAIY	324	2378
>TP53-R156L-RVRAMAIY	211	>TP53-R156L-LVRAMAIY	2507	2296
>TP53-R156L-RVRAMAIYK	156	>TP53-R156L-LVRAMAIYK	2033	1877
>TP53-R156L-TRVRAMAI	26743	>TP53-R156L-TLVRAMAI	207	26536
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>TP53-R156L-TRVRAMAI	26624	>TP53-R156L-TLVRAMAI	202	26422
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>TP53-R156L-TRVRAMAI	32467	>TP53-R156L-TLVRAMAI	73	32394
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>TP53-R156L-TRVRAMAIY	62	>TP53-R156L-TLVRAMAIY	6	56
>TP53-R156L-TRVRAMAIY	6243	>TP53-R156L-TLVRAMAIY	301	5942
>TP53-R156L-TRVRAMAIYK	4443	>TP53-R156L-TLVRAMAIYK	332	4111
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>TP53-R156L TRVRAMAIYK	765	>TP53-R156L TLVRAMAIYK	38	727
>TP53-R156L TRVRAMAI	8627	>TP53-R156L TLVRAMAI	433	8194
>TP53-R156L TRVRAMAIY	4338	>TP53-R156L TLVRAMAIY	186	4152
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>TP53-R156L TRVRAMAIY	8532	>TP53-R156L TLVRAMAIY	196	8336
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>TP53-R156L TRVRAMAI	215	>TP53-R156L TLVRAMAI	4366	4151
>TP53-R156L TRVRAMAIY	6003	>TP53-R156L TLVRAMAIY	484	5519
>TP53-R156L TRVRAMAIYK	8738	>TP53-R156L TLVRAMAIYK	304	8434
>TP53-R156L WVDSTPPPG	20491	>TP53-R156L WVDSTPPPG	135	20356
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>TP53-R156L WVDSTPPPG	9015	>TP53-R156L WVDSTPPPG	468	8547
>TP53-R156L GTRVRAMAI\	269	>TP53-R156L GTLVRAMAIY	266	3
>TP53-R156L GTRVRAMAI\	50	>TP53-R156L GTLVRAMAIY	63	13
>TP53-R156L GTRVRAMAI\	39	>TP53-R156L GTLVRAMAIY	9	30
>TP53-R156L GTRVRAMA	18	>TP53-R156L GTLVRAMA	1726	1708
>TP53-R156L GTRVRAMAI	9	>TP53-R156L GTLVRAMAI	649	640
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>TP53-R156L GTRVRAMAI\	3	>TP53-R156L GTLVRAMAIY	17	14
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>TP53-R156L GTRVRAMAI\	115	>TP53-R156L GTLVRAMAIY	176	61
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>TP53-R156L GTRVRAMAI\	21	>TP53-R156L GTLVRAMAIY	28	7
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>TP53-R156L GTRVRAMAI	387	>TP53-R156L GTLVRAMAI	147	240
>TP53-R156L PPGTRVRAM	68	>TP53-R156L PPGTLVRAM	540	472
>TP53-R156L PPPGTRVRAM	370	>TP53-R156L PPPGTLVRAM	685	315
>TP53-R156L PPPGTRVRAM	450	>TP53-R156L PPPGTLVRAM	775	325
>TP53-R156L TPPPGLTRVRA	482	>TP53-R156L TPPPGLTRVRA	213	269
>TP53-R156L TPPPGLTRVRA	32	>TP53-R156L TPPPGLTRVRA	60	28
>TP53-R156L TPPPGLTRVRA	139	>TP53-R156L TPPPGLTRVRA	53	86
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>TP53-R156L TPPPGLTRVRA	727	>TP53-R156L TPPPGLTRVRA	286	441
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>TP53-R156L STPPPGLTRV	116	>TP53-R156L STPPPGLTV	129	13
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>TP53-R156L STPPPGR	18270	>TP53-R156L STPPPGL	132	18138
>TP53-R156L STPPPGRV	18	>TP53-R156L STPPPGLV	15	3
>TP53-R156L STPPPGRVR	82	>TP53-R156L STPPPGLVR	94	12
>TP53-R156L STPPPGRV	512	>TP53-R156L STPPPGLV	317	195
>TP53-R156L STPPPGR	13662	>TP53-R156L STPPPGL	164	13498
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>TP53-R156L STPPPGRV	4	>TP53-R156L STPPPGLV	2	2
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>TP53-R156L STPPPGRV	259	>TP53-R156L STPPPGLV	132	127
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>TP53-R156F RVRAMAIY	205	>TP53-R156F PVRAMAIY	10499	10294
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>TP53-R156F RVRAMAIYK	20	>TP53-R156F PVRAMAIYK	576	556
>TP53-R156F RVRAMAIY	241	>TP53-R156F PVRAMAIY	223	18
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>TP53-R156F RVRAMAIY	5	>TP53-R156F PVRAMAIY	390	385
>TP53-R156F RVRAMAIYK	3	>TP53-R156F PVRAMAIYK	4	1
>TP53-R156F RVRAMAIYKC	10	>TP53-R156F PVRAMAIYKC	1298	1288
>TP53-R156F RVRAMAIYKC	9	>TP53-R156F PVRAMAIYKC	1189	1180
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>TP53-R156F RVRAMAIY	26	>TP53-R156F PVRAMAIY	1792	1766
>TP53-R156F RVRAMAIY	85	>TP53-R156F PVRAMAIY	3185	3100
>TP53-R156F RVRAMAIY	311	>TP53-R156F PVRAMAIY	6062	5751
>TP53-R156F RVRAMAIY	7	>TP53-R156F PVRAMAIY	3717	3710
>TP53-R156F RVRAMAIY	211	>TP53-R156F PVRAMAIY	14076	13865
>TP53-R156F RVRAMAIYK	156	>TP53-R156F PVRAMAIYK	4908	4752
>TP53-R156F TRVRAMAI	27641	>TP53-R156F TPVRAMAI	127	27514
>TP53-R156F TRVRAMAIY	62	>TP53-R156F TPVRAMAIY	13	49
>TP53-R156F TRVRAMAIYK	765	>TP53-R156F TPVRAMAIYK	244	521
>TP53-R156F TRVRAMAI	26058	>TP53-R156F TPVRAMAI	99	25959
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>TP53-R156F TRVRAMAIY	11099	>TP53-R156F TPVRAMAIY	20	11079
>TP53-R156F TRVRAMAI	215	>TP53-R156F TPVRAMAI	420	205



>TP53-R156F TRVRAMAIY	30475	>TP53-R156F TPVRAMAIY	358	30117
>TP53-R156F TRVRAMAIY	6003	>TP53-R156F TPVRAMAIY	12	5991
>TP53-R156F TRVRAMAIY	25416	>TP53-R156F TPVRAMAIY	383	25033
>TP53-R156F GTRVRAMAI	16851	>TP53-R156F GTPVRAMAI	402	16449
>TP53-R156F GTRVRAMAI\	269	>TP53-R156F GTPVRAMAI\	176	93
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>TP53-R156F GTRVRAMAI\	39	>TP53-R156F GTPVRAMAI\	22	17
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>TP53-R156F GTRVRAMAI\	3	>TP53-R156F GTPVRAMAI\	323	320
>TP53-R156F GTRVRAMAI\	130	>TP53-R156F GTPVRAMAI\	117	13
>TP53-R156F GTRVRAMAI\	115	>TP53-R156F GTPVRAMAI\	2615	2500
>TP53-R156F GTRVRAMAI\	671	>TP53-R156F GTPVRAMAI\	388	283
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>TP53-R156F GTRVRAMAI	40	>TP53-R156F GTPVRAMAI	4811	4771
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>TP53-R156F GTRVRAMAI	12123	>TP53-R156F GTPVRAMAI	42	12081
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>TP53-R156F GTRVRAMAI	387	>TP53-R156F GTPVRAMAI	346	41
>TP53-R156F PGTRVRAMA	619	>TP53-R156F PGTPVRAMA	324	295
>TP53-R156F PPGTRVRAM	68	>TP53-R156F PPGTPVRAM	113	45
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>TP53-R156F PPPGTRVRAM	450	>TP53-R156F PPPGTPVRAM	920	470
>TP53-R156F TPPPGRVRA	482	>TP53-R156F TPPPGRVRA	202	280
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>TP53-R156F TPPPGRVRA	32	>TP53-R156F TPPPGRVRA	52	20
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>TP53-R156F TPPPGRV	273	>TP53-R156F TPPPGRV	141	132
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>TP53-R156F STPPPGRV	136	>TP53-R156F STPPPGRV	89	47
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>TP53-R156F STPPPGRV	116	>TP53-R156F STPPPGRV	218	102
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>TP53-R156F STPPPGRVR	82	>TP53-R156F STPPPGRVR	94	12

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>TP53-R156F STPPPGRVR	96	>TP53-R156F STPPPGRVR	63	33
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>TP53-R156F DSTPPPGRV	208	>TP53-R156F DSTPPPGRV	115	93
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>TP53-R156S RVRAMAIY	26	>TP53-R156S RVRAMAIY	54	28
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>TP53-R156SPPPGTRVRAM	370	>TP53-R156SPPPGTSVRAM	655	285
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>TP53-R156STPPPGTRV	763	>TP53-R156STPPPGTSV	270	493
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>TP53-R158C DSTPPPGTRV	372	>TP53-R158C DSTPPPGTRV	37205	36833
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>TP53-R158C PPGTRVRAM	68	>TP53-R158C PPGTRVCAM	455	387
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>TP53-R158FPPGTRVRAM	8998	>TP53-R158FPPGTRVFAM	79	8919
>TP53-R158FPPGTRVRAM	68	>TP53-R158FPPGTRVFAM	288	220
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>TP53-R158FPPPGTRVRAM	370	>TP53-R158FPPPGTRVFAM	432	62
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>TP53-R158FTPPPGRTRVR	10706	>TP53-R158FTPPPGRTRVF	275	10431
>TP53-R158FTPPPGRTRVRA	482	>TP53-R158FTPPPGRTRVFA	35	447
>TP53-R158FTPPPGRTRVR	13757	>TP53-R158FTPPPGRTRVF	159	13598
>TP53-R158FTPPPGRTRVRA	32	>TP53-R158FTPPPGRTRVFA	77	45
>TP53-R158FTPPPGRTRVR	10012	>TP53-R158FTPPPGRTRVF	134	9878
>TP53-R158FTPPPGRTRVRA	139	>TP53-R158FTPPPGRTRVFA	50	89
>TP53-R158FTPPPGRTRVR	23398	>TP53-R158FTPPPGRTRVF	461	22937
>TP53-R158FTPPPGRTRVRA	727	>TP53-R158FTPPPGRTRVFA	189	538
>TP53-R158FSTPPPGRTRVR	16541	>TP53-R158FSTPPPGRTRVF	392	16149
>TP53-R158FSTPPPGRTRVR	23896	>TP53-R158FSTPPPGRTRVF	345	23551
>TP53-R158FSTPPPGRTRVR	129	>TP53-R158FSTPPPGRTRVF	35407	35278
>TP53-R158FSTPPPGRTRVR	82	>TP53-R158FSTPPPGRTRVF	31	51
>TP53-R158FSTPPPGRTRVR	15003	>TP53-R158FSTPPPGRTRVF	16	14987
>TP53-R158FSTPPPGRTRVR	96	>TP53-R158FSTPPPGRTRVF	2	94
>TP53-R158FSTPPPGRTRVR	54	>TP53-R158FSTPPPGRTRVF	12	42
>TP53-R158FSTPPPGRTRVR	9991	>TP53-R158FSTPPPGRTRVF	72	9919
>TP53-R158CRAMAIYKQSC	354	>TP53-R158CGAMAIYKQSC	6995	6641
>TP53-R158CRAMAIYKQSC	375	>TP53-R158CGAMAIYKQSC	472	97
>TP53-R158CVRAMAIYK	3864	>TP53-R158CVGAMAIYK	118	3746
>TP53-R158CVRAMAIYK	159	>TP53-R158CVGAMAIYK	25223	25064
>TP53-R158CDSTPPPGRTRV	372	>TP53-R158CDSTPPPGRTRV	36451	36079
>TP53-R158CDSTPPPGRTRV	208	>TP53-R158CDSTPPPGRTRV	37052	36844
>TP53-R158CRVRAMAIY	205	>TP53-R158CRVGAMAIY	635	430
>TP53-R158CRVRAMAIYK	28	>TP53-R158CRVGAMAIYK	35	7
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>TP53-R158CRVRAMAIY	241	>TP53-R158CRVGAMAIY	354	113
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>TP53-R158CRVRAMAIY	107	>TP53-R158CRVGAMAIY	88	19
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>TP53-R158C RVRAMAIYK	588	>TP53-R158C RVGAMAIYK	413	175
>TP53-R158C RVRAMAIY	26	>TP53-R158C RVGAMAIY	9	17
>TP53-R158C RVRAMAIY	85	>TP53-R158C RVGAMAIY	162	77
>TP53-R158C RVRAMAIY	311	>TP53-R158C RVGAMAIY	3279	2968
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>TP53-R158C RVRAMAIY	211	>TP53-R158C RVGAMAIY	365	154
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>TP53-R158C TRVRAMAIY	62	>TP53-R158C TRVGAMAIY	29	33
>TP53-R158C TRVRAMAIYK	765	>TP53-R158C TRVGAMAIYK	157	608
>TP53-R158C TRVRAMAIY	278	>TP53-R158C TRVGAMAIY	933	655
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>TP53-R158C GTRVRAMAI'	269	>TP53-R158C GTRVGAMAI'	454	185
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>TP53-R158C GTRVRAMAI'	39	>TP53-R158C GTRVGAMAI'	46	7
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>TP53-R158C GTRVRAMA	18	>TP53-R158C GTRVGAMA	41	23
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>TP53-R158C GTRVRAMAI'	30	>TP53-R158C GTRVGAMAI'	54	24
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>TP53-R158C GTRVRAMAI'	21	>TP53-R158C GTRVGAMAI'	27	6
>TP53-R158C GTRVRAMAI'	269	>TP53-R158C GTRVGAMAI'	335	66
>TP53-R158C GTRVRAMAI	387	>TP53-R158C GTRVGAMAI	277	110
>TP53-R158C PPGTRVRAM	68	>TP53-R158C PPGTRVGAM	88	20
>TP53-R158C PPPGTRVRAM	370	>TP53-R158C PPPGTRVGAI	339	31
>TP53-R158C PPPGTRVRAM	450	>TP53-R158C PPPGTRVGAI	94	356
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>TP53-R158C TPPPGRVRA	32	>TP53-R158C TPPPGRVGA/	41	9
>TP53-R158C TPPPGRVRA	139	>TP53-R158C TPPPGRVGA/	114	25
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>TP53-R158C STPPPGRVVR	82	>TP53-R158C STPPPGRVVG	50	32
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>TP53-R158F RAMAIYKQSC	354	>TP53-R158F HAMAIYKQSC	2163	1809
>TP53-R158F RAMAIYKQSC	375	>TP53-R158F HAMAIYKQSC	1542	1167
>TP53-R158F VRAMAIYK	159	>TP53-R158F VHAMAIYK	20368	20209
>TP53-R158F DSTPPPGRV	372	>TP53-R158F DSTPPPGRV	29066	28694
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>TP53-R158F RVRAMAIY	3205	>TP53-R158F RVHAMAIY	272	2933
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>TP53-R158F RVRAMAIYK	3	>TP53-R158F RVHAMAIYK	3	0
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>TP53-R158F RVRAMAIYKC	9	>TP53-R158F RVHAMAIYKC	46	37
>TP53-R158F RVRAMAIY	107	>TP53-R158F RVHAMAIY	66	41
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>TP53-R158F RVRAMAIY	7	>TP53-R158F RVHAMAIY	14	7
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>TP53-R158F RVRAMAIYK	156	>TP53-R158F RVHAMAIYK	62	94
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>TP53-R158F TRVRAMAIYK	765	>TP53-R158F TRVHAMAIYK	459	306
>TP53-R158F TRVRAMAI	746	>TP53-R158F TRVHAMAI	364	382
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>TP53-R158F TRVRAMAI	215	>TP53-R158F TRVHAMAI	121	94
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>TP53-R158F GTRVRAMAI	122	>TP53-R158F GTRVHAMAI	352	230
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>TP53-R158F PPPGTRVRAM	450	>TP53-R158F PPPGTRVHAM	27	423
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>TP53-R158F STPPPGRVRA	129	>TP53-R158F STPPPGRVH	20502	20373
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>TP53-R158L RAMAIYKQSC	354	>TP53-R158L LAMAIYKQSC	2713	2359
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>TP53-R158L VRAMAIYK	3864	>TP53-R158L VLAMAIYK	21	3843
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>TP53-R158L VRAMAIYK	159	>TP53-R158L VLAMAIYK	21067	20908
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>TP53-R158L RVRAMAIY	3205	>TP53-R158L RVLAMAIY	152	3053
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>TP53-R158L RVRAMAIY	241	>TP53-R158L RVLAMAIY	146	95
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>TP53-R158L RVRAMAIYKC	10	>TP53-R158L RVLAMAIYKC	572	562
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>TP53-R158L RVRAMAIY	311	>TP53-R158L RVLAMAIY	548	237
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>TP53-R158L TRVRAMAIYK	1520	>TP53-R158L TRVLAMAIYK	428	1092
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>TP53-R158L TRVRAMAIYK	765	>TP53-R158L TRVLAMAIYK	234	531
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>TP53-R158L TRVRAMAI	215	>TP53-R158L TRVLAMAI	160	55
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>TP53-R158L GTRVRAMAI\	39	>TP53-R158L GTRVLAMAIY	30	9
>TP53-R158L GTRVRAMA	18	>TP53-R158L GTRVLAMA	36	18
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>TP53-R158L PPGTRVRAM	68	>TP53-R158L PPGTRVLAM	122	54
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>TP53-R158L PPPGTRVR	23447	>TP53-R158L PPPGTRVL	322	23125
>TP53-R158L PPPGTRVRA	2027	>TP53-R158L PPPGTRVLA	389	1638
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>TP53-R158L TPPPGRVRA	32	>TP53-R158L TPPPGRVLA	42	10
>TP53-R158L TPPPGRVRA	139	>TP53-R158L TPPPGRVLA	60	79
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>TP53-R158L STPPPGRVVR	129	>TP53-R158L STPPPGRVL	31569	31440
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>TP53-R158F RAMAIYKQSC	354	>TP53-R158F PAMAIYKQSC	18777	18423
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>TP53-R158F VRAMAIYK	159	>TP53-R158F VPAMAIYK	25985	25826
>TP53-R158F DSTPPPGRV	372	>TP53-R158F DSTPPPGRV	36757	36385

>TP53-R158F DSTPPPGTRV	208	>TP53-R158F DSTPPPGTRV	34801	34593
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>TP53-R158F RVRAMAIYK	28	>TP53-R158F RVPAMAIYK	44	16
>TP53-R158F RVRAMAIYK	20	>TP53-R158F RVPAMAIYK	13	7
>TP53-R158F RVRAMAIY	241	>TP53-R158F RVPAMAIY	205	36
>TP53-R158F RVRAMAIY	398	>TP53-R158F RVPAMAIY	662	264
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>TP53-R158F RVRAMAIYK	3	>TP53-R158F RVPAMAIYK	10	7
>TP53-R158F RVRAMAIYKC	10	>TP53-R158F RVPAMAIYKC	6246	6236
>TP53-R158F RVRAMAIYKC	9	>TP53-R158F RVPAMAIYKC	6394	6385
>TP53-R158F RVRAMAIY	107	>TP53-R158F RVPAMAIY	204	97
>TP53-R158F RVRAMAIYK	18	>TP53-R158F RVPAMAIYK	188	170
>TP53-R158F RVRAMAIYK	588	>TP53-R158F RVPAMAIYK	356	232
>TP53-R158F RVRAMAIY	26	>TP53-R158F RVPAMAIY	52	26
>TP53-R158F RVRAMAIY	85	>TP53-R158F RVPAMAIY	490	405
>TP53-R158F RVRAMAIY	311	>TP53-R158F RVPAMAIY	3649	3338
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>TP53-R158F RVRAMAIYK	156	>TP53-R158F RVPAMAIYK	105	51
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>TP53-R158F TRVRAMAIY	278	>TP53-R158F TRVPAMAIY	299	21
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>TP53-R158F GTRVRAMAI\	269	>TP53-R158F GTRVPAMAI\	344	75
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>TP53-R158F GTRVRAMAI\	39	>TP53-R158F GTRVPAMAI\	33	6
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>TP53-R158F GTRVRAMA	18	>TP53-R158F GTRVPAMA	40	22
>TP53-R158F GTRVRAMAI	9	>TP53-R158F GTRVPAMAI	17	8
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>TP53-R158F GTRVRAMAI\	130	>TP53-R158F GTRVPAMAI\	70	60
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>TP53-R158F GTRVRAMAI\	405	>TP53-R158F GTRVPAMAI\	356	49
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>TP53-R158F GTRVRAMAI\	4	>TP53-R158F GTRVPAMAI\	4	0
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>TP53-R158F GTRVRAMAI\	21	>TP53-R158F GTRVPAMAI\	27	6
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>TP53-R158F GTRVRAMAI	387	>TP53-R158F GTRVPAMAI	179	208
>TP53-R158F PPGTRVRAM	8998	>TP53-R158F PPGTRVPAM	101	8897
>TP53-R158F PPGTRVRAM	68	>TP53-R158F PPGTRVPAM	594	526

>TP53-R158F PPPGTRVRAM	370	>TP53-R158F PPPGTRVPAM	285	85
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>TP53-R158F PPPGTRVRA	2027	>TP53-R158F PPPGTRVPA	201	1826
>TP53-R158F TPPPGRVRA	583	>TP53-R158F TPPPGRVPA	444	139
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>TP53-R158F STPPPGRVRR	129	>TP53-R158F STPPPGRVVP	35973	35844
>TP53-R158F STPPPGRVRR	82	>TP53-R158F STPPPGRVVP	26	56
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>TP53-R174C VVRRCPHHEI	63	>TP53-R174C VVGRCPHHEI	266	203
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>TP53-R174C EVVRRCPH	1432	>TP53-R174C EVVGRCPH	395	1037
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>TP53-R174C EVVRRCPHH	98	>TP53-R174C EVVGRCPHH	51	47
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>TP53-R174C HMTEVVRR	38	>TP53-R174C HMTEVVGRC	30	8
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>TP53-R174K VRRCPHHEF	145	>TP53-R174K VRRCPHHEF	985	840
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>TP53-R174M SQHMTEVVRR	115	>TP53-R174M SQHMTEVVMM	18601	18486
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>TP53-R174S RRCPPHHER	405	>TP53-R174S SRCPPHHER	3142	2737
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>TP53-R174S VVRRCPHHEF	713	>TP53-R174S VVSRCPPHHEF	447	266
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>TP53-R174\HMTEVVRR	64	>TP53-R174\HMTEVVWR	55	9
>TP53-R174\QHMTEVVR	269	>TP53-R174\QHMTEVVW	30016	29747
>TP53-R174\QHMTEVVR	195	>TP53-R174\QHMTEVVW	164	31
>TP53-R174\SQHMTEVVR	115	>TP53-R174\SQHMTEVVV	19882	19767
>TP53-R174\SQHMTEVVR	504	>TP53-R174\SQHMTEVVV	152	352
>TP53-R174\SQHMTEVVR	1038	>TP53-R174\SQHMTEVVV	311	727
>TP53-R174\SQHMTEVVR	9470	>TP53-R174\SQHMTEVVV	356	9114
>TP53-R174\SQHMTEVVR	162	>TP53-R174\SQHMTEVVV	42	120
>TP53-R174\SQHMTEVVR	434	>TP53-R174\SQHMTEVVV	34235	33801
>TP53-R174\SQHMTEVVR	363	>TP53-R174\SQHMTEVVV	179	184
>TP53-R174\QSQHMTEVV	230	>TP53-R174\QSQHMTEVV	30114	29884
>TP53-R174\QSQHMTEVV	321	>TP53-R174\QSQHMTEVV	229	92
>TP53-R174\QSQHMTEVV	13127	>TP53-R174\QSQHMTEVV	287	12840
>TP53-R174\QSQHMTEVV	185	>TP53-R174\QSQHMTEVV	91	94
>TP53-R174\QSQHMTEVV	20265	>TP53-R174\QSQHMTEVV	21	20244
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>TP53-R174\QSQHMTEVV	21992	>TP53-R174\QSQHMTEVV	15	21977
>TP53-R174\QSQHMTEVV	32943	>TP53-R174\QSQHMTEVV	355	32588
>TP53-R174\QSQHMTEVV	306	>TP53-R174\QSQHMTEVV	219	87
>TP53-R175C\RRCPPHER	405	>TP53-R175C\RRCPPHER	20	385
>TP53-R175C\RRCPPHER	102	>TP53-R175C\RRCPPHER	16453	16351
>TP53-R175C\RRCPPHER	312	>TP53-R175C\RRCPPHER	12145	11833
>TP53-R175C\RRCPPHERC	320	>TP53-R175C\RRCPPHERC	27570	27250
>TP53-R175C\RRCPPHER	87	>TP53-R175C\RRCPPHER	40	47
>TP53-R175C\QSQHMTEVV	321	>TP53-R175C\QSQHMTEVV	23221	22900
>TP53-R175C\QSQHMTEVV	185	>TP53-R175C\QSQHMTEVV	40869	40684
>TP53-R175C\QSQHMTEVV	306	>TP53-R175C\QSQHMTEVV	19620	19314
>TP53-R175C\VRRCPHHEF	145	>TP53-R175C\VRRCPHHEF	375	230
>TP53-R175C\VRRCPHHEF	63	>TP53-R175C\VRRCPHHEF	49	14
>TP53-R175C\VRRCPHHEF	713	>TP53-R175C\VRRCPHHEF	328	385
>TP53-R175C\EVRRCPH	400	>TP53-R175C\EVRRCPH	333	67
>TP53-R175C\EVRRCPHH	98	>TP53-R175C\EVRRCPHH	49	49
>TP53-R175C\EVRRCPHHE	428	>TP53-R175C\EVRRCPHHE	312	116
>TP53-R175C\EVRRCPHHE	371	>TP53-R175C\EVRRCPHHE	437	66
>TP53-R175C\EVRRCPHHE	53	>TP53-R175C\EVRRCPHHE	73	20
>TP53-R175C\EVRRCPHHE	5	>TP53-R175C\EVRRCPHHE	5	0
>TP53-R175C\EVRRCPHHE	1019	>TP53-R175C\EVRRCPHHE	370	649
>TP53-R175C\HMTEVVRR	5899	>TP53-R175C\HMTEVVRC	51	5848
>TP53-R175C\HMTEVVRR	38	>TP53-R175C\HMTEVVRC	159	121

>TP53-R175C HMTEVVRR	7299	>TP53-R175C HMTEVVRC	67	7232
>TP53-R175C HMTEVVRR	38	>TP53-R175C HMTEVVRC	16288	16250
>TP53-R175C HMTEVVRR	65	>TP53-R175C HMTEVVRC	29719	29654
>TP53-R175C HMTEVVRR	35	>TP53-R175C HMTEVVRC	33493	33458
>TP53-R175C HMTEVVRR	64	>TP53-R175C HMTEVVRC	35371	35307
>TP53-R175C QHMTEVVRR	195	>TP53-R175C QHMTEVVRC	35514	35319
>TP53-R175C SQHMTEVVRR	363	>TP53-R175C SQHMTEVVRC	36320	35957
>TP53-R175C RRCPPHER	405	>TP53-R175C RGCPHHER	16	389
>TP53-R175C RRCPPHER	102	>TP53-R175C RGCPHHER	19301	19199
>TP53-R175C RRCPPHER	312	>TP53-R175C RGCPHHER	14430	14118
>TP53-R175C RRCPPHERC	320	>TP53-R175C RGCPHHERC	21855	21535
>TP53-R175C RRCPPHER	87	>TP53-R175C RGCPHHER	75	12
>TP53-R175C QSQHMTEVV	321	>TP53-R175C QSQHMTEVV	23200	22879
>TP53-R175C QSQHMTEVV	185	>TP53-R175C QSQHMTEVV	39082	38897
>TP53-R175C QSQHMTEVV	306	>TP53-R175C QSQHMTEVV	16576	16270
>TP53-R175C VVRRCPHHEI	145	>TP53-R175C VVRGCPHHEI	519	374
>TP53-R175C VVRRCPHHEI	63	>TP53-R175C VVRGCPHHEI	43	20
>TP53-R175C VVRRCPHHEI	713	>TP53-R175C VVRGCPHHEI	430	283
>TP53-R175C EVVRRCPH	400	>TP53-R175C EVVRGCPH	183	217
>TP53-R175C EVVRRCPHH	98	>TP53-R175C EVVRGCPHH	30	68
>TP53-R175C EVVRRCPHHE	428	>TP53-R175C EVVRGCPHHE	151	277
>TP53-R175C EVVRRCPHHE	912	>TP53-R175C EVVRGCPHHE	433	479
>TP53-R175C EVVRRCPHHE	371	>TP53-R175C EVVRGCPHHE	765	394
>TP53-R175C EVVRRCPHHE	53	>TP53-R175C EVVRGCPHHE	93	40
>TP53-R175C EVVRRCPHHE	5	>TP53-R175C EVVRGCPHHE	5	0
>TP53-R175C HMTEVVRRRC	38	>TP53-R175C HMTEVVRRGC	29	9
>TP53-R175C HMTEVVRR	38	>TP53-R175C HMTEVVRRG	15997	15959
>TP53-R175C HMTEVVRR	65	>TP53-R175C HMTEVVRRG	27423	27358
>TP53-R175C HMTEVVRR	35	>TP53-R175C HMTEVVRRG	30694	30659
>TP53-R175C HMTEVVRR	64	>TP53-R175C HMTEVVRRG	33586	33522
>TP53-R175C QHMTEVVRR	195	>TP53-R175C QHMTEVVRC	33902	33707
>TP53-R175C SQHMTEVVRR	363	>TP53-R175C SQHMTEVVRC	34652	34289
>TP53-R175F RRCPPHER	405	>TP53-R175F RHCPHHER	63	342
>TP53-R175F RRCPPHER	102	>TP53-R175F RHCPHHER	9303	9201
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>TP53-R175F RRCPPHERC	320	>TP53-R175F RHCPHHERC	12351	12031
>TP53-R175F RRCPPHER	87	>TP53-R175F RHCPHHER	105	18
>TP53-R175F QSQHMTEVV	321	>TP53-R175F QSQHMTEVV	14398	14077
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>TP53-R175F VVRRCPHHEI	63	>TP53-R175F VVRHCPHHEI	57	6
>TP53-R175F VVRRCPHHEI	713	>TP53-R175F VVRHCPHHEI	474	239

>TP53-R175F EVVRRCPH	400	>TP53-R175F EVVRHCPH	70	330
>TP53-R175F EVVRRCPHH	98	>TP53-R175F EVVRHCPHH	10	88
>TP53-R175F EVVRRCPHHE	428	>TP53-R175F EVVRHCPHHE	93	335
>TP53-R175F EVVRRCPHHE	912	>TP53-R175F EVVRHCPHHE	215	697
>TP53-R175F EVVRRCPHHE	371	>TP53-R175F EVVRHCPHHE	432	61
>TP53-R175F EVVRRCPHHE	53	>TP53-R175F EVVRHCPHHE	118	65
>TP53-R175F EVVRRCPHHE	5	>TP53-R175F EVVRHCPHHE	5	0
>TP53-R175F HMTEVVRRC	38	>TP53-R175F HMTEVVRHC	58	20
>TP53-R175F HMTEVVR	38	>TP53-R175F HMTEVVRH	5527	5489
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>TP53-R175F HMTEVVR	35	>TP53-R175F HMTEVVRH	9835	9800
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>TP53-R175F QHMTEVVR	195	>TP53-R175F QHMTEVVRH	25613	25418
>TP53-R175F SQHMTEVVR	572	>TP53-R175F SQHMTEVVR	476	96
>TP53-R175F SQHMTEVVR	363	>TP53-R175F SQHMTEVVR	28354	27991
>TP53-R175L RRCPHHERC	23368	>TP53-R175L RLCPHHERC	140	23228
>TP53-R175L RRCPHHERC	35487	>TP53-R175L RLCPHHERC	177	35310
>TP53-R175L RRCPHHER	405	>TP53-R175L RLCPHHER	7	398
>TP53-R175L RRCPHHER	102	>TP53-R175L RLCPHHER	10201	10099
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>TP53-R175L RRCPHHER	87	>TP53-R175L RLCPHHER	50	37
>TP53-R175L QSQHMTEVV	321	>TP53-R175L QSQHMTEVV	18204	17883
>TP53-R175L QSQHMTEVV	13841	>TP53-R175L QSQHMTEVV	410	13431
>TP53-R175L QSQHMTEVV	185	>TP53-R175L QSQHMTEVV	32454	32269
>TP53-R175L QSQHMTEVV	15822	>TP53-R175L QSQHMTEVV	81	15741
>TP53-R175L QSQHMTEVV	306	>TP53-R175L QSQHMTEVV	8008	7702
>TP53-R175L VVRRCPHHEF	145	>TP53-R175L VVRLCPHHEF	528	383
>TP53-R175L VVRRCPHHEF	63	>TP53-R175L VVRLCPHHEF	47	16
>TP53-R175L VVRRCPHHEF	713	>TP53-R175L VVRLCPHHEF	487	226
>TP53-R175L EVVRRCPH	400	>TP53-R175L EVVRLCPH	89	311
>TP53-R175L EVVRRCPHH	98	>TP53-R175L EVVRLCPHH	56	42
>TP53-R175L EVVRRCPHHE	428	>TP53-R175L EVVRLCPHHE	381	47
>TP53-R175L EVVRRCPHHE	371	>TP53-R175L EVVRLCPHHE	450	79
>TP53-R175L EVVRRCPHHE	53	>TP53-R175L EVVRLCPHHE	72	19
>TP53-R175L EVVRRCPHHE	5	>TP53-R175L EVVRLCPHHE	4	1
>TP53-R175L HMTEVVR	21392	>TP53-R175L HMTEVVRL	100	21292
>TP53-R175L HMTEVVR	10332	>TP53-R175L HMTEVVRL	23	10309
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>TP53-R175L HMTEVVRRC	38	>TP53-R175L HMTEVVRLC	61	23
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>TP53-R175L HMTEVVRR	35	>TP53-R175L HMTEVVRL	21960	21925
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>TP53-R175L HMTEVVRR	64	>TP53-R175L HMTEVVRL	29286	29222
>TP53-R175L QHMTEVVRR	9831	>TP53-R175L QHMTEVVRL	21	9810
>TP53-R175L QHMTEVVRR	195	>TP53-R175L QHMTEVVRL	29885	29690
>TP53-R175L SQHMTEVVR	572	>TP53-R175L SQHMTEVVR	44	528
>TP53-R175L SQHMTEVVR	17051	>TP53-R175L SQHMTEVVR	206	16845
>TP53-R175L SQHMTEVVR	363	>TP53-R175L SQHMTEVVR	31579	31216
>TP53-R175F RRCPPHER	405	>TP53-R175F RPCPPHER	104	301
>TP53-R175F RRCPPHER	102	>TP53-R175F RPCPPHER	14670	14568
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>TP53-R175F RRCPPHERC	320	>TP53-R175F RPCPPHERC	21770	21450
>TP53-R175F RRCPPHER	87	>TP53-R175F RPCPPHER	107	20
>TP53-R175F QSQHMTEVV	321	>TP53-R175F QSQHMTEVV	23776	23455
>TP53-R175F QSQHMTEVV	185	>TP53-R175F QSQHMTEVV	37948	37763
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>TP53-R175F VVRRCPHHEF	145	>TP53-R175F VVRPCPHHEF	225	80
>TP53-R175F VVRRCPHHEF	63	>TP53-R175F VVRPCPHHEF	83	20
>TP53-R175F VVRRCPHHEF	713	>TP53-R175F VVRPCPHHEF	442	271
>TP53-R175F EVVRRCPH	400	>TP53-R175F EVVRPCPH	115	285
>TP53-R175F EVVRRCPHH	98	>TP53-R175F EVVRPCPHH	21	77
>TP53-R175F EVVRRCPHHE	428	>TP53-R175F EVVRPCPHHE	140	288
>TP53-R175F EVVRRCPHHE	912	>TP53-R175F EVVRPCPHHE	326	586
>TP53-R175F EVVRRCPHHE	371	>TP53-R175F EVVRPCPHHE	754	383
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>TP53-R175F HMTEVVRR	38	>TP53-R175F HMTEVVRRP	17623	17585
>TP53-R175F HMTEVVRR	65	>TP53-R175F HMTEVVRRP	27898	27833
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>TP53-R175F HMTEVVRR	64	>TP53-R175F HMTEVVRRP	33550	33486
>TP53-R175F QHMTEVVRR	195	>TP53-R175F QHMTEVVRRP	33213	33018
>TP53-R175F SQHMTEVVR	363	>TP53-R175F SQHMTEVVR	34337	33974
>TP53-R175S RRCPPHER	22306	>TP53-R175S RSCPPHER	219	22087
>TP53-R175S RRCPPHER	405	>TP53-R175S RSCPPHER	6	399
>TP53-R175S RRCPPHER	12895	>TP53-R175S RSCPPHER	438	12457
>TP53-R175S RRCPPHER	102	>TP53-R175S RSCPPHER	12835	12733

>TP53-R175S RRCPPHER	312	>TP53-R175S RSCPPHER	11608	11296
>TP53-R175S RRCPPHERC	320	>TP53-R175S RSCPPHERC	17619	17299
>TP53-R175S RRCPPHER	10242	>TP53-R175S RSCPPHER	349	9893
>TP53-R175S RRCPPHER	87	>TP53-R175S RSCPPHER	149	62
>TP53-R175S QSQHMTEVV	321	>TP53-R175S QSQHMTEVV	21301	20980
>TP53-R175S QSQHMTEVV	185	>TP53-R175S QSQHMTEVV	31933	31748
>TP53-R175S QSQHMTEVV	306	>TP53-R175S QSQHMTEVV	8744	8438
>TP53-R175S VVRRCPHHEF	145	>TP53-R175S VVRSCPHHEF	388	243
>TP53-R175S VVRRCPHHEF	63	>TP53-R175S VVRSCPHHEF	68	5
>TP53-R175S EVVRRCPH	400	>TP53-R175S EVVRSCPH	225	175
>TP53-R175S EVVRRCPHH	98	>TP53-R175S EVVRSCPHH	28	70
>TP53-R175S EVVRRCPHHE	428	>TP53-R175S EVVRSCPHHE	194	234
>TP53-R175S EVVRRCPHHE	371	>TP53-R175S EVVRSCPHHE	645	274
>TP53-R175S EVVRRCPHHE	53	>TP53-R175S EVVRSCPHHE	119	66
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>TP53-R175S HMTEVVRR	38	>TP53-R175S HMTEVVRR	37	1
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>TP53-R175S HMTEVVRR	65	>TP53-R175S HMTEVVRS	22399	22334
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>TP53-R175S SQHMTEVVRR	363	>TP53-R175S SQHMTEVVRR	30684	30321
>TP53-R181C EVVRRCPHHE	371	>TP53-R181C EVVRRCPHHE	24791	24420
>TP53-R181C EVVRRCPHHE	53	>TP53-R181C EVVRRCPHHE	28341	28288
>TP53-R181C EVVRRCPHHE	5	>TP53-R181C EVVRRCPHHE	13347	13342
>TP53-R181C HERCSDSDGL	602	>TP53-R181C HECCSDSDGL	373	229
>TP53-R181C HERCSDSDGL	422	>TP53-R181C HECCSDSDGL	414	8
>TP53-R181C HHERCSDSDC	126	>TP53-R181C HHECCSDSDC	115	11
>TP53-R181C RRCPPHER	405	>TP53-R181C RRCPPHEC	24063	23658
>TP53-R181C RRCPPHER	102	>TP53-R181C RRCPPHEC	78	24
>TP53-R181C RRCPPHER	312	>TP53-R181C RRCPPHEC	146	166
>TP53-R181C RRCPPHERC	320	>TP53-R181C RRCPPHECC	486	166
>TP53-R181C RRCPPHER	87	>TP53-R181C RRCPPHEC	34479	34392
>TP53-R181C VVRRCPHHEF	145	>TP53-R181C VVRRCPHHEC	1986	1841
>TP53-R181C VVRRCPHHEF	63	>TP53-R181C VVRRCPHHEC	20318	20255
>TP53-R181C EVVRRCPHHE	371	>TP53-R181C EVVRRCPHHE	24599	24228
>TP53-R181C EVVRRCPHHE	53	>TP53-R181C EVVRRCPHHE	25569	25516
>TP53-R181C EVVRRCPHHE	5	>TP53-R181C EVVRRCPHHE	10530	10525
>TP53-R181C HERCSDSDGL	602	>TP53-R181C HEGCSDSDGI	238	364
>TP53-R181C HERCSDSDGL	422	>TP53-R181C HEGCSDSDGI	735	313
>TP53-R181C HHERCSDSDC	126	>TP53-R181C HHEGCSDSDC	34	92
>TP53-R181C HHERCSDSDC	1161	>TP53-R181C HHEGCSDSDC	497	664
>TP53-R181C RRCPPHER	405	>TP53-R181C RRCPPHEG	23761	23356

>TP53-R181C RRCPPHER	102	>TP53-R181C RRCPPHEG	82	20
>TP53-R181C RRCPPHER	312	>TP53-R181C RRCPPHEG	494	182
>TP53-R181C RRCPPHERC	320	>TP53-R181C RRCPPHEGC	158	162
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>TP53-R181C RRCPPHER	87	>TP53-R181C RRCPPHEG	33514	33427
>TP53-R181C VVRRCPHHEF	145	>TP53-R181C VVRRCPHHEC	441	296
>TP53-R181C VVRRCPHHEF	63	>TP53-R181C VVRRCPHHEC	22926	22863
>TP53-R181F EVVRRCPHHE	912	>TP53-R181F EVVRRCPHHE	70	842
>TP53-R181F EVVRRCPHHE	371	>TP53-R181F EVVRRCPHHE	14956	14585
>TP53-R181F EVVRRCPHHE	53	>TP53-R181F EVVRRCPHHE	15838	15785
>TP53-R181F EVVRRCPHHE	5	>TP53-R181F EVVRRCPHHE	712	707
>TP53-R181F HERCSDSDGL	602	>TP53-R181F HEHCSDSDGI	88	514
>TP53-R181F HERCSDSDGL	422	>TP53-R181F HEHCSDSDGI	2011	1589
>TP53-R181F HHERCSDSDC	126	>TP53-R181F HHEHCSDSDC	63	63
>TP53-R181F RRCPPHER	405	>TP53-R181F RRCPPHEH	16941	16536
>TP53-R181F RRCPPHER	102	>TP53-R181F RRCPPHEH	180	78
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>TP53-R181F RRCPPHERC	320	>TP53-R181F RRCPPHEHC	199	121
>TP53-R181F RRCPPHERCS	717	>TP53-R181F RRCPPHEHCS	468	249
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>TP53-R181F VVRRCPHHEF	145	>TP53-R181F VVRRCPHHEF	1552	1407
>TP53-R181F VVRRCPHHEF	63	>TP53-R181F VVRRCPHHEF	6301	6238
>TP53-R181L ERCSDSDGL	28857	>TP53-R181L ELCSDSGDGL	336	28521
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>TP53-R181L EVVRRCPHHE	912	>TP53-R181L EVVRRCPHHE	17	895
>TP53-R181L EVVRRCPHHE	371	>TP53-R181L EVVRRCPHHE	19263	18892
>TP53-R181L EVVRRCPHHE	53	>TP53-R181L EVVRRCPHHE	13359	13306
>TP53-R181L EVVRRCPHHE	5	>TP53-R181L EVVRRCPHHE	4008	4003
>TP53-R181L EVVRRCPHHE	9500	>TP53-R181L EVVRRCPHHE	78	9422
>TP53-R181L EVVRRCPHHE	10440	>TP53-R181L EVVRRCPHHE	75	10365
>TP53-R181L HERCSDSDGL	602	>TP53-R181L HELCSDSDGL	261	341
>TP53-R181L HERCSDSDGL	422	>TP53-R181L HELCSDSDGL	186	236
>TP53-R181L HHERCSDSDC	126	>TP53-R181L HHELCSDDSDC	88	38
>TP53-R181L RRCPPHER	405	>TP53-R181L RRCPPHEL	20394	19989
>TP53-R181L RRCPPHER	1819	>TP53-R181L RRCPPHEL	335	1484
>TP53-R181L RRCPPHER	102	>TP53-R181L RRCPPHEL	15	87
>TP53-R181L RRCPPHERC	689	>TP53-R181L RRCPPHELC	283	406
>TP53-R181L RRCPPHERCS	720	>TP53-R181L RRCPPHELCS	261	459
>TP53-R181L RRCPPHER	312	>TP53-R181L RRCPPHEL	24	288
>TP53-R181L RRCPPHERC	320	>TP53-R181L RRCPPHELC	121	199
>TP53-R181L RRCPPHERCS	717	>TP53-R181L RRCPPHELCS	231	486
>TP53-R181L RRCPPHER	87	>TP53-R181L RRCPPHEL	29847	29760

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>TP53-R181L VRRCPHHER	5974	>TP53-R181L VRRCPHHEL	285	5689
>TP53-R181L VRRCPHHER	9059	>TP53-R181L VRRCPHHEL	388	8671
>TP53-R181L VVRRCPHHEF	27986	>TP53-R181L VVRRCPHHEL	215	27771
>TP53-R181L VVRRCPHHEF	145	>TP53-R181L VVRRCPHHEL	94	51
>TP53-R181L VVRRCPHHEF	63	>TP53-R181L VVRRCPHHEL	11328	11265
>TP53-R181F ERCSDSDGL	20513	>TP53-R181F EPCSDSDGL	372	20141
>TP53-R181F EVVRRCPHHE	371	>TP53-R181F EVVRRCPHHE	24864	24493
>TP53-R181F EVVRRCPHHE	53	>TP53-R181F EVVRRCPHHE	27101	27048
>TP53-R181F EVVRRCPHHE	5	>TP53-R181F EVVRRCPHHE	8876	8871
>TP53-R181F HERCSDSDGL	422	>TP53-R181F HEPSCSDSDGL	2444	2022
>TP53-R181F HHERCSDSDC	126	>TP53-R181F HHEPCSDSDC	53	73
>TP53-R181F RRCPPHER	405	>TP53-R181F RRCPPHEP	24251	23846
>TP53-R181F RRCPPHER	102	>TP53-R181F RRCPPHEP	188	86
>TP53-R181F RRCPPHER	312	>TP53-R181F RRCPPHEP	444	132
>TP53-R181F RRCPPHERC	320	>TP53-R181F RRCPPHEPC	443	123
>TP53-R181F RRCPPHER	87	>TP53-R181F RRCPPHEP	32780	32693
>TP53-R181F VVRRCPHHEF	145	>TP53-R181F VVRRCPHHEF	1326	1181
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>TP53-R196L RVEGNLRVEY	844	>TP53-R196L LVEGNLRVEY	364	480
>TP53-R196L RVEGNLRV	54	>TP53-R196L LVEGNLRV	11	43
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>TP53-R196L RVEGNLRVEY	224	>TP53-R196L LVEGNLRVEY	782	558
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>TP53-R196L IRVEGNLRV	15702	>TP53-R196L ILVEGNLRV	29	15673
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>TP53-R196L IRVEGNLRV	18506	>TP53-R196L ILVEGNLRV	9	18497
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>TP53-R196L IRVEGNLRV	18832	>TP53-R196L ILVEGNLRV	5	18827
>TP53-R196L IRVEGNLRV	3633	>TP53-R196L ILVEGNLRV	2	3631
>TP53-R196L IRVEGNLRVE'	1106	>TP53-R196L ILVEGNLRVE'	45	1061
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>TP53-R196L IRVEGNLR	3649	>TP53-R196L ILVEGNLR	184	3465
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>TP53-R196L IRVEGNLRVE'	10307	>TP53-R196L ILVEGNLRVE'	126	10181
>TP53-R196L IRVEGNLRVE'	5000	>TP53-R196L ILVEGNLRVE'	192	4808
>TP53-R196L IRVEGNLRVE'	53	>TP53-R196L ILVEGNLRVE'	145	92
>TP53-R196L IRVEGNLRVE'	12989	>TP53-R196L ILVEGNLRVE'	241	12748
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>TP53-R196L HLIRVEGNLR'	111	>TP53-R196L HLILVEGNLR\	128	17
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>TP53-R196L APPQHLIR	20904	>TP53-R196L APPQHLIL	73	20831
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>TP53-R196L LAPPQHLIRV	52	>TP53-R196L LAPPQHLILV	69	17
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>TP53-R196L GLAPPQHLIR'	20	>TP53-R196L GLAPPQHLIL\	15	5
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>TP53-R196L GLAPPQHLIR'	9	>TP53-R196L GLAPPQHLIL\	5	4
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>TP53-R196L GLAPPQHLIR'	44	>TP53-R196L GLAPPQHLIL\	22	22
>TP53-R196L GLAPPQHLIR	18124	>TP53-R196L GLAPPQHLIL	97	18027
>TP53-R196L GLAPPQHLIR'	3	>TP53-R196L GLAPPQHLIL\	3	0
>TP53-R196L GLAPPQHLIR	24411	>TP53-R196L GLAPPQHLIL	106	24305
>TP53-R196L GLAPPQHLIR'	7	>TP53-R196L GLAPPQHLIL\	6	1

>TP53-R196L GLAPPQHLIR	16002	>TP53-R196L GLAPPQHLIL	31	15971
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>TP53-R196L GLAPPQHLIR'	9	>TP53-R196L GLAPPQHLIL\	10	1
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>TP53-R196F IRVEGNLRV	28803	>TP53-R196F IPVEGNLRV	302	28501
>TP53-R196F IRVEGNLRVE'	14168	>TP53-R196F IPVEGNLRVE'	22	14146
>TP53-R196F IRVEGNLRVE'	3011	>TP53-R196F IPVEGNLRVE'	17	2994
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>TP53-R196F LIRVEGNLRV	2785	>TP53-R196F LIPVEGNLRV	348	2437
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>TP53-R196F LIRVEGNLRV	35	>TP53-R196F LIPVEGNLRV	22	13
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>TP53-R196F HLIRVEGNLR'	156	>TP53-R196F HLIPVEGNLR'	68	88
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>TP53-R196F HLIRVEGNLR'	111	>TP53-R196F HLIPVEGNLR'	48	63
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>TP53-R196F HLIRVEGNLR'	41	>TP53-R196F HLIPVEGNLR'	18	23
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>TP53-R196F HLIRVEGNL	153	>TP53-R196F HLIPVEGNL	47	106
>TP53-R196F HLIRVEGNLR'	4	>TP53-R196F HLIPVEGNLR'	3	1
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>TP53-R196F HLIRVEGNLR'	398	>TP53-R196F HLIPVEGNLR'	122	276
>TP53-R196F HLIRVEGNLR	478	>TP53-R196F HLIPVEGNLR	300	178

>TP53-R196F APPQHLIRV	759	>TP53-R196F APPQHLIPV	48	711
>TP53-R196F LAPPQHLIRV	395	>TP53-R196F LAPPQHLIPV	90	305
>TP53-R196F LAPPQHLIRV	577	>TP53-R196F LAPPQHLIPV	478	99
>TP53-R196F LAPPQHLIRV	52	>TP53-R196F LAPPQHLIPV	86	34
>TP53-R196F LAPPQHLIRV	28	>TP53-R196F LAPPQHLIPV	20	8
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>TP53-R196F GLAPPQHLIR'	9	>TP53-R196F GLAPPQHLIP'	6	3
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>TP53-R196F GLAPPQHLIR'	5	>TP53-R196F GLAPPQHLIP'	5	0
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>TP53-R196F GLAPPQHLIR'	1739	>TP53-R196F GLAPPQHLIP'	492	1247
>TP53-R196F GLAPPQHLIR	282	>TP53-R196F GLAPPQHLIP	28500	28218
>TP53-R196C RVEGNLRV	54	>TP53-R196C QVEGNLRV	163	109
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>TP53-R196C IRVEGNLRV	15759	>TP53-R196C IQVEGNLRV	136	15623
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>TP53-R196C IRVEGNLRV	5591	>TP53-R196C IQVEGNLRV	7	5584
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>TP53-R196C IRVEGNLRVE'	53	>TP53-R196C IQVEGNLRVE	8	45
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>TP53-R196C HLIRVEGNLR'	111	>TP53-R196C HLIQVEGNLR	84	27
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>TP53-R196C HLIRVEGNLR'	9	>TP53-R196C HLIQVEGNLR	7	2
>TP53-R196C HLIRVEGNLR'	27	>TP53-R196C HLIQVEGNLR	35	8

>TP53-R196C HLIQVEGNL	878	>TP53-R196C HLIQVEGNL	404	474
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>TP53-R196C HLIQVEGNLR	241	>TP53-R196C HLIQVEGNLR	356	115
>TP53-R196C HLIQVEGNLR	381	>TP53-R196C HLIQVEGNLR	801	420
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>TP53-R196C HLIQVEGNLR	478	>TP53-R196C HLIQVEGNLR	224	254
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>TP53-R196C APPQHILIRV	759	>TP53-R196C APPQHILIQV	376	383
>TP53-R196C LAPPQHILIRV	395	>TP53-R196C LAPPQHILIQV	237	158
>TP53-R196C LAPPQHILIRV	577	>TP53-R196C LAPPQHILIQV	470	107
>TP53-R196C LAPPQHILIRV	52	>TP53-R196C LAPPQHILIQV	40	12
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>TP53-R196C LAPPQHILIRV	28	>TP53-R196C LAPPQHILIQV	24	4
>TP53-R196C GLAPPQHILIR'	20	>TP53-R196C GLAPPQHILIQ	21	1
>TP53-R196C GLAPPQHILIR'	9	>TP53-R196C GLAPPQHILIQ	7	2
>TP53-R196C GLAPPQHILIR'	7	>TP53-R196C GLAPPQHILIQ	6	1
>TP53-R196C GLAPPQHILIR'	44	>TP53-R196C GLAPPQHILIQ	32	12
>TP53-R196C GLAPPQHILIR'	3	>TP53-R196C GLAPPQHILIQ	3	0
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>TP53-R196C GLAPPQHILIR'	9	>TP53-R196C GLAPPQHILIQ	5	4
>TP53-R196C GLAPPQHILIR	3789	>TP53-R196C GLAPPQHILIQ	126	3663
>TP53-R196C GLAPPQHILIR'	2	>TP53-R196C GLAPPQHILIQ	2	0
>TP53-R196C GLAPPQHILIR	282	>TP53-R196C GLAPPQHILIQ	13820	13538
>TP53-R202C RVEYLDDR	433	>TP53-R202C CVEYLDDR	5878	5445
>TP53-R202C RVEYLDDRNT	40	>TP53-R202C CVEYLDDRNT	3164	3124
>TP53-R202C RVEYLDDR	652	>TP53-R202C CVEYLDDR	158	494
>TP53-R202C RVEYLDDRNT	78	>TP53-R202C CVEYLDDRNT	1240	1162
>TP53-R202C EGNLRVEYL	2216	>TP53-R202C EGNLCVEYL	279	1937
>TP53-R202C EGNLRVEY	1669	>TP53-R202C EGNLCVEY	392	1277
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>TP53-R202C VEGNLRVEY	338	>TP53-R202C VEGNLCVEY	233	105
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>TP53-R202C RVEGNLRV	54	>TP53-R202C RVEGNLCV	106	52
>TP53-R202C RVEGNLRVEY	1524	>TP53-R202C RVEGNLCVEY	446	1078

>TP53-R202C RVEGNLRVEY	224	>TP53-R202C RVEGNLCVEY	72	152
>TP53-R202C RVEGNLRVEY	301	>TP53-R202C RVEGNLCVEY	209	92
>TP53-R202C RVEGNLRVEY	400	>TP53-R202C RVEGNLCVEY	1085	685
>TP53-R202C IRVEGNLRVE'	53	>TP53-R202C IRVEGNLCVE'	41	12
>TP53-R202C LIRVEGNLRV	35	>TP53-R202C LIRVEGNLCV	101	66
>TP53-R202C LIRVEGNLRV	296	>TP53-R202C LIRVEGNLCV	499	203
>TP53-R202C HLIRVEGNLR'	156	>TP53-R202C HLIRVEGNLC'	172	16
>TP53-R202C HLIRVEGNLR'	111	>TP53-R202C HLIRVEGNLC'	140	29
>TP53-R202C HLIRVEGNLR'	41	>TP53-R202C HLIRVEGNLC'	127	86
>TP53-R202C HLIRVEGNLR'	322	>TP53-R202C HLIRVEGNLC'	346	24
>TP53-R202C HLIRVEGNLR'	9	>TP53-R202C HLIRVEGNLC'	23	14
>TP53-R202C HLIRVEGNLR'	27	>TP53-R202C HLIRVEGNLC'	18	9
>TP53-R202C HLIRVEGNLR'	27	>TP53-R202C HLIRVEGNLC'	22	5
>TP53-R202C HLIRVEGNLR'	701	>TP53-R202C HLIRVEGNLC'	410	291
>TP53-R202C HLIRVEGNLR'	4	>TP53-R202C HLIRVEGNLC'	8	4
>TP53-R202C HLIRVEGNLR	241	>TP53-R202C HLIRVEGNLC	26682	26441
>TP53-R202C HLIRVEGNLR	381	>TP53-R202C HLIRVEGNLC	27444	27063
>TP53-R202C HLIRVEGNLR	24	>TP53-R202C HLIRVEGNLC	32321	32297
>TP53-R202C HLIRVEGNLR'	398	>TP53-R202C HLIRVEGNLC'	933	535
>TP53-R202C HLIRVEGNLR	478	>TP53-R202C HLIRVEGNLC	37337	36859
>TP53-R202C RVEYLDDR	433	>TP53-R202C GVEYLDDR	5705	5272
>TP53-R202C RVEYLDDRNT	40	>TP53-R202C GVEYLDDRNT	866	826
>TP53-R202C RVEYLDDRNT	78	>TP53-R202C GVEYLDDRNT	104	26
>TP53-R202C VEGNLRVEYL	312	>TP53-R202C VEGNLGVEYL	1075	763
>TP53-R202C VEGNLRVEY	67	>TP53-R202C VEGNLGVEY	85	18
>TP53-R202C VEGNLRVEYL	472	>TP53-R202C VEGNLGVEYL	1037	565
>TP53-R202C VEGNLRVEY	338	>TP53-R202C VEGNLGVEY	131	207
>TP53-R202C VEGNLRVEYL	278	>TP53-R202C VEGNLGVEYL	84	194
>TP53-R202C RVEGNLRV	732	>TP53-R202C RVEGNLGV	146	586
>TP53-R202C RVEGNLRV	604	>TP53-R202C RVEGNLGV	417	187
>TP53-R202C RVEGNLRV	54	>TP53-R202C RVEGNLGV	47	7
>TP53-R202C RVEGNLRVEY	224	>TP53-R202C RVEGNLGVEY	118	106
>TP53-R202C RVEGNLRVEY	1157	>TP53-R202C RVEGNLGVEY	273	884
>TP53-R202C RVEGNLRVEY	301	>TP53-R202C RVEGNLGVEY	141	160
>TP53-R202C RVEGNLRVEY	400	>TP53-R202C RVEGNLGVEY	336	64
>TP53-R202C IRVEGNLRVE'	53	>TP53-R202C IRVEGNLGVE'	37	16
>TP53-R202C LIRVEGNLRV	555	>TP53-R202C LIRVEGNLGV	151	404
>TP53-R202C LIRVEGNLRV	35	>TP53-R202C LIRVEGNLGV	36	1
>TP53-R202C LIRVEGNLRV	296	>TP53-R202C LIRVEGNLGV	357	61
>TP53-R202C HLIRVEGNLR'	156	>TP53-R202C HLIRVEGNLG'	141	15
>TP53-R202C HLIRVEGNLR'	111	>TP53-R202C HLIRVEGNLG'	72	39
>TP53-R202C HLIRVEGNLR'	41	>TP53-R202C HLIRVEGNLG'	23	18
>TP53-R202C HLIRVEGNLR'	322	>TP53-R202C HLIRVEGNLG'	88	234

>TP53-R202C HLIRVEGNLR'	9	>TP53-R202C HLIRVEGNLG	7	2
>TP53-R202C HLIRVEGNLR'	27	>TP53-R202C HLIRVEGNLG	11	16
>TP53-R202C HLIRVEGNLR'	27	>TP53-R202C HLIRVEGNLG	17	10
>TP53-R202C HLIRVEGNLR'	701	>TP53-R202C HLIRVEGNLG	277	424
>TP53-R202C HLIRVEGNLR'	4	>TP53-R202C HLIRVEGNLG	4	0
>TP53-R202C HLIRVEGNLR	241	>TP53-R202C HLIRVEGNLG	29911	29670
>TP53-R202C HLIRVEGNLR	381	>TP53-R202C HLIRVEGNLG	28645	28264
>TP53-R202C HLIRVEGNLR	24	>TP53-R202C HLIRVEGNLG	30576	30552
>TP53-R202C HLIRVEGNLR'	398	>TP53-R202C HLIRVEGNLG	292	106
>TP53-R202C HLIRVEGNLR'	1132	>TP53-R202C HLIRVEGNLG	366	766
>TP53-R202C HLIRVEGNLR	478	>TP53-R202C HLIRVEGNLG	36866	36388
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>TP53-R202F RVEYLDDRNT	40	>TP53-R202F HVEYLDDRNT	365	325
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>TP53-R202F RVEYLDDRNT	1584	>TP53-R202F HVEYLDDRNT	134	1450
>TP53-R202F RVEYLDDRNT	78	>TP53-R202F HVEYLDDRNT	375	297
>TP53-R202F EGNLRVEY	1669	>TP53-R202F EGNLHVEY	432	1237
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>TP53-R202F VEGNLRVEY	2675	>TP53-R202F VEGNLHVEY	414	2261
>TP53-R202F VEGNLRVEY	67	>TP53-R202F VEGNLHVEY	43	24
>TP53-R202F VEGNLRVEYL	472	>TP53-R202F VEGNLHVEYL	833	361
>TP53-R202F VEGNLRVEY	338	>TP53-R202F VEGNLHVEY	205	133
>TP53-R202F VEGNLRVEYL	278	>TP53-R202F VEGNLHVEYL	123	155
>TP53-R202F RVEGNLRVEY	844	>TP53-R202F RVEGNLHVEY	287	557
>TP53-R202F RVEGNLRV	732	>TP53-R202F RVEGNLHV	106	626
>TP53-R202F RVEGNLRVEY	946	>TP53-R202F RVEGNLHVEY	293	653
>TP53-R202F RVEGNLRVEY	974	>TP53-R202F RVEGNLHVEY	414	560
>TP53-R202F RVEGNLRV	54	>TP53-R202F RVEGNLHV	38	16
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>TP53-R202F RVEGNLRVEY	224	>TP53-R202F RVEGNLHVEY	134	90
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>TP53-R202F RVEGNLRVEY	1157	>TP53-R202F RVEGNLHVEY	161	996
>TP53-R202F RVEGNLRVEY	301	>TP53-R202F RVEGNLHVEY	94	207
>TP53-R202F RVEGNLRVEY	400	>TP53-R202F RVEGNLHVEY	444	44
>TP53-R202F IRVEGNLRVE'	53	>TP53-R202F IRVEGNLHVE	36	17
>TP53-R202F LIRVEGNLRV	555	>TP53-R202F LIRVEGNLHV	364	191
>TP53-R202F LIRVEGNLRV	35	>TP53-R202F LIRVEGNLHV	50	15
>TP53-R202F LIRVEGNLRV	296	>TP53-R202F LIRVEGNLHV	111	185
>TP53-R202F HLIRVEGNLR'	156	>TP53-R202F HLIRVEGNLH	160	4
>TP53-R202F HLIRVEGNLR'	111	>TP53-R202F HLIRVEGNLH	88	23
>TP53-R202F HLIRVEGNLR'	41	>TP53-R202F HLIRVEGNLH	34	7
>TP53-R202F HLIRVEGNLR'	322	>TP53-R202F HLIRVEGNLH	90	232
>TP53-R202F HLIRVEGNLR'	9	>TP53-R202F HLIRVEGNLH	12	3

>TP53-R202F HLIRVEGNLR'	27	>TP53-R202F HLIRVEGNLH	13	14
>TP53-R202F HLIRVEGNLR'	27	>TP53-R202F HLIRVEGNLH	17	10
>TP53-R202F HLIRVEGNLR'	4	>TP53-R202F HLIRVEGNLH	5	1
>TP53-R202F HLIRVEGNLR	241	>TP53-R202F HLIRVEGNLH	15117	14876
>TP53-R202F HLIRVEGNLR	381	>TP53-R202F HLIRVEGNLH	14845	14464
>TP53-R202F HLIRVEGNLR	24	>TP53-R202F HLIRVEGNLH	8731	8707
>TP53-R202F HLIRVEGNLR'	398	>TP53-R202F HLIRVEGNLH	309	89
>TP53-R202F HLIRVEGNLR	478	>TP53-R202F HLIRVEGNLH	32531	32053
>TP53-R202L RVEYLDDR	433	>TP53-R202L LVEYLDDR	4190	3757
>TP53-R202L RVEYLDDRNT	40	>TP53-R202L LVEYLDDRNT	1095	1055
>TP53-R202L RVEYLDDR	652	>TP53-R202L LVEYLDDR	172	480
>TP53-R202L RVEYLDDRNT	1584	>TP53-R202L LVEYLDDRNT	234	1350
>TP53-R202L RVEYLDDRNT	78	>TP53-R202L LVEYLDDRNT	136	58
>TP53-R202L LRVEYLDDRNT	20644	>TP53-R202L LLVEYLDDRNT	407	20237
>TP53-R202L LRVEYLDDRNT	28017	>TP53-R202L LLVEYLDDRNT	453	27564
>TP53-R202L LRVEYLDDRNT	35018	>TP53-R202L LLVEYLDDRNT	324	34694
>TP53-R202L EGNLRVEYL	2216	>TP53-R202L EGNLLVEYL	371	1845
>TP53-R202L VEGNLRVEYL	312	>TP53-R202L VEGNLLVEYL	236	76
>TP53-R202L VEGNLRVEY	2675	>TP53-R202L VEGNLLVEY	338	2337
>TP53-R202L VEGNLRVEY	67	>TP53-R202L VEGNLLVEY	62	5
>TP53-R202L VEGNLRVEYL	472	>TP53-R202L VEGNLLVEYL	551	79
>TP53-R202L VEGNLRVEY	338	>TP53-R202L VEGNLLVEY	155	183
>TP53-R202L VEGNLRVEYL	278	>TP53-R202L VEGNLLVEYL	104	174
>TP53-R202L RVEGNLRV	732	>TP53-R202L RVEGNLLV	137	595
>TP53-R202L RVEGNLRVEY	946	>TP53-R202L RVEGNLLVEY	376	570
>TP53-R202L RVEGNLRV	54	>TP53-R202L RVEGNLLV	57	3
>TP53-R202L RVEGNLRVEY	224	>TP53-R202L RVEGNLLVEY	104	120
>TP53-R202L RVEGNLRVEY	1157	>TP53-R202L RVEGNLLVEY	92	1065
>TP53-R202L RVEGNLRVEY	301	>TP53-R202L RVEGNLLVEY	78	223
>TP53-R202L RVEGNLRVEY	400	>TP53-R202L RVEGNLLVEY	251	149
>TP53-R202L IRVEGNLR	3379	>TP53-R202L IRVEGNLL	469	2910
>TP53-R202L IRVEGNLRVE'	53	>TP53-R202L IRVEGNLLVE'	64	11
>TP53-R202L IRVEGNLR	20676	>TP53-R202L IRVEGNLL	290	20386
>TP53-R202L IRVEGNLRV	1782	>TP53-R202L IRVEGNLLV	432	1350
>TP53-R202L LIRVEGNLRV	555	>TP53-R202L LIRVEGNLLV	240	315
>TP53-R202L LIRVEGNLRV	35	>TP53-R202L LIRVEGNLLV	46	11
>TP53-R202L LIRVEGNLRV	296	>TP53-R202L LIRVEGNLLV	127	169
>TP53-R202L HLIRVEGNLR'	156	>TP53-R202L HLIRVEGNLL'	95	61
>TP53-R202L HLIRVEGNLR	11962	>TP53-R202L HLIRVEGNLL	195	11767
>TP53-R202L HLIRVEGNLR'	111	>TP53-R202L HLIRVEGNLL'	53	58
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>TP53-R202L HLIRVEGNLR'	322	>TP53-R202L HLIRVEGNLL'	136	186
>TP53-R202L HLIRVEGNLR	24483	>TP53-R202L HLIRVEGNLL	450	24033

>TP53-R202L HLIRVEGNLR'	9	>TP53-R202L HLIRVEGNLL\	12	3
>TP53-R202L HLIRVEGNLR	25341	>TP53-R202L HLIRVEGNLL	251	25090
>TP53-R202L HLIRVEGNLR'	27	>TP53-R202L HLIRVEGNLL\	22	5
>TP53-R202L HLIRVEGNLR'	27	>TP53-R202L HLIRVEGNLL\	24	3
>TP53-R202L HLIRVEGNLR	21154	>TP53-R202L HLIRVEGNLL	82	21072
>TP53-R202L HLIRVEGNLR'	4	>TP53-R202L HLIRVEGNLL\	5	1
>TP53-R202L HLIRVEGNLR	241	>TP53-R202L HLIRVEGNLL	16799	16558
>TP53-R202L HLIRVEGNLR	381	>TP53-R202L HLIRVEGNLL	22780	22399
>TP53-R202L HLIRVEGNLR	24	>TP53-R202L HLIRVEGNLL	22574	22550
>TP53-R202L HLIRVEGNLR'	398	>TP53-R202L HLIRVEGNLL\	316	82
>TP53-R202L HLIRVEGNLR	478	>TP53-R202L HLIRVEGNLL	34814	34336
>TP53-R202F RVEYLDDR	433	>TP53-R202F PVEYLDDR	12918	12485
>TP53-R202F RVEYLDDRNT	40	>TP53-R202F PVEYLDDRNT	2414	2374
>TP53-R202F RVEYLDDRNT	78	>TP53-R202F PVEYLDDRNT	5850	5772
>TP53-R202F EGNLRVEYL	2216	>TP53-R202F EGNLPVEYL	191	2025
>TP53-R202F VEGNLRVEYL	312	>TP53-R202F VEGNLPVEYL	1701	1389
>TP53-R202F VEGNLRVEY	2675	>TP53-R202F VEGNLPVEY	268	2407
>TP53-R202F VEGNLRVEY	67	>TP53-R202F VEGNLPVEY	268	201
>TP53-R202F VEGNLRVEYL	472	>TP53-R202F VEGNLPVEYL	595	123
>TP53-R202F VEGNLRVEY	338	>TP53-R202F VEGNLPVEY	170	168
>TP53-R202F VEGNLRVEYL	278	>TP53-R202F VEGNLPVEYL	69	209
>TP53-R202F RVEGNLRV	732	>TP53-R202F RVEGNLPV	61	671
>TP53-R202F RVEGNLRVEY	946	>TP53-R202F RVEGNLPVEY	382	564
>TP53-R202F RVEGNLRV	604	>TP53-R202F RVEGNLPV	346	258
>TP53-R202F RVEGNLRVEY	974	>TP53-R202F RVEGNLPVEY	398	576
>TP53-R202F RVEGNLRV	54	>TP53-R202F RVEGNLPV	47	7
>TP53-R202F RVEGNLRVEY	224	>TP53-R202F RVEGNLPVEY	193	31
>TP53-R202F RVEGNLRVEY	810	>TP53-R202F RVEGNLPVEY	494	316
>TP53-R202F RVEGNLRVEY	1157	>TP53-R202F RVEGNLPVEY	324	833
>TP53-R202F RVEGNLRVEY	301	>TP53-R202F RVEGNLPVEY	120	181
>TP53-R202F RVEGNLRVEY	400	>TP53-R202F RVEGNLPVEY	85	315
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>TP53-R202F IRVEGNLRVE'	53	>TP53-R202F IRVEGNLPVE'	30	23
>TP53-R202F IRVEGNLRV	4404	>TP53-R202F IRVEGNLPV	310	4094
>TP53-R202F LIRVEGNLRV	555	>TP53-R202F LIRVEGNLPV	140	415
>TP53-R202F LIRVEGNLRV	35	>TP53-R202F LIRVEGNLPV	54	19
>TP53-R202F LIRVEGNLRV	296	>TP53-R202F LIRVEGNLPV	64	232
>TP53-R202F HLIRVEGNLR'	156	>TP53-R202F HLIRVEGNLP'	76	80
>TP53-R202F HLIRVEGNLR'	111	>TP53-R202F HLIRVEGNLP'	51	60
>TP53-R202F HLIRVEGNLR'	41	>TP53-R202F HLIRVEGNLP'	15	26
>TP53-R202F HLIRVEGNLR'	322	>TP53-R202F HLIRVEGNLP'	65	257
>TP53-R202F HLIRVEGNLR'	9	>TP53-R202F HLIRVEGNLP'	8	1
>TP53-R202F HLIRVEGNLR'	27	>TP53-R202F HLIRVEGNLP'	11	16



>TP53-R202F HLIRVEGNLR'	27	>TP53-R202F HLIRVEGNLP'	19	8
>TP53-R202F HLIRVEGNLR'	4	>TP53-R202F HLIRVEGNLP'	5	1
>TP53-R202F HLIRVEGNLR	241	>TP53-R202F HLIRVEGNLP	30514	30273
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>TP53-R202F HLIRVEGNLR	24	>TP53-R202F HLIRVEGNLP	29029	29005
>TP53-R202F HLIRVEGNLR'	398	>TP53-R202F HLIRVEGNLP'	113	285
>TP53-R202F HLIRVEGNLR'	1132	>TP53-R202F HLIRVEGNLP'	239	893
>TP53-R202F HLIRVEGNLR	478	>TP53-R202F HLIRVEGNLP	36558	36080
>TP53-R202S RVEYLDDR	433	>TP53-R202S SVEYLDDR	3491	3058
>TP53-R202S RVEYLDDRNT	40	>TP53-R202S SVEYLDDRNT	302	262
>TP53-R202S RVEYLDDR	652	>TP53-R202S SVEYLDDR	91	561
>TP53-R202S RVEYLDDRNT	78	>TP53-R202S SVEYLDDRNT	107	29
>TP53-R202S LRVEYLDDR	6375	>TP53-R202S LSVEYLDDR	154	6221
>TP53-R202S NLRVEYLDDR	3077	>TP53-R202S NLSVEYLDDR	479	2598
>TP53-R202S EGNLRVEY	1669	>TP53-R202S EGNLSVEY	334	1335
>TP53-R202S VEGNLRVEYL	312	>TP53-R202S VEGNLSVEYL	320	8
>TP53-R202S VEGNLRVEY	2675	>TP53-R202S VEGNLSVEY	400	2275
>TP53-R202S VEGNLRVEY	2344	>TP53-R202S VEGNLSVEY	474	1870
>TP53-R202S VEGNLRVEY	67	>TP53-R202S VEGNLSVEY	117	50
>TP53-R202S VEGNLRVEYL	472	>TP53-R202S VEGNLSVEYL	483	11
>TP53-R202S VEGNLRVEY	1466	>TP53-R202S VEGNLSVEY	471	995
>TP53-R202S VEGNLRVEY	338	>TP53-R202S VEGNLSVEY	156	182
>TP53-R202S VEGNLRVEYL	278	>TP53-R202S VEGNLSVEYL	68	210
>TP53-R202S RVEGNLRVEY	844	>TP53-R202S RVEGNLSVEY	459	385
>TP53-R202S RVEGNLRV	732	>TP53-R202S RVEGNLSV	122	610
>TP53-R202S RVEGNLRVEY	946	>TP53-R202S RVEGNLSVEY	474	472
>TP53-R202S RVEGNLRV	604	>TP53-R202S RVEGNLSV	446	158
>TP53-R202S RVEGNLRV	54	>TP53-R202S RVEGNLSV	25	29
>TP53-R202S RVEGNLRVEY	224	>TP53-R202S RVEGNLSVEY	135	89
>TP53-R202S RVEGNLRVEY	1157	>TP53-R202S RVEGNLSVEY	278	879
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>TP53-R202S IRVEGNLRV	1548	>TP53-R202S IRVEGNLSV	272	1276
>TP53-R202S IRVEGNLRVE'	53	>TP53-R202S IRVEGNLSVE'	27	26
>TP53-R202S LIRVEGNLRV	555	>TP53-R202S LIRVEGNLSV	107	448
>TP53-R202S LIRVEGNLRV	35	>TP53-R202S LIRVEGNLSV	32	3
>TP53-R202S LIRVEGNLRV	296	>TP53-R202S LIRVEGNLSV	107	189
>TP53-R202S HLIRVEGNLR'	156	>TP53-R202S HLIRVEGNLS'	105	51
>TP53-R202S HLIRVEGNLR'	111	>TP53-R202S HLIRVEGNLS'	58	53
>TP53-R202S HLIRVEGNLR'	41	>TP53-R202S HLIRVEGNLS'	19	22
>TP53-R202S HLIRVEGNLR'	322	>TP53-R202S HLIRVEGNLS'	106	216
>TP53-R202S HLIRVEGNLR'	9	>TP53-R202S HLIRVEGNLS'	8	1
>TP53-R202S HLIRVEGNLR'	27	>TP53-R202S HLIRVEGNLS'	14	13

>TP53-R202S HLIRVEGNLR'	27	>TP53-R202S HLIRVEGNLS\	24	3
>TP53-R202S HLIRVEGNLR'	701	>TP53-R202S HLIRVEGNLS\	465	236
>TP53-R202S HLIRVEGNLR'	4	>TP53-R202S HLIRVEGNLS\	4	0
>TP53-R202S HLIRVEGNLR	241	>TP53-R202S HLIRVEGNLS	26072	25831
>TP53-R202S HLIRVEGNLR	381	>TP53-R202S HLIRVEGNLS	26334	25953
>TP53-R202S HLIRVEGNLR	24	>TP53-R202S HLIRVEGNLS	26702	26678
>TP53-R202S HLIRVEGNLR'	398	>TP53-R202S HLIRVEGNLS\	391	7
>TP53-R202S HLIRVEGNLR	478	>TP53-R202S HLIRVEGNLS	34633	34155
>TP53-R209I·RNTFRHSVV	224	>TP53-R209I·INTFRHSVV	255	31
>TP53-R209I·DRNTFRHSV	20496	>TP53-R209I·DINTFRHSV	88	20408
>TP53-R209I·DRNTFRHSV\	24129	>TP53-R209I·DINTFRHSVV	496	23633
>TP53-R209I·DRNTFRHSV	2182	>TP53-R209I·DINTFRHSV	19	2163
>TP53-R209I·DRNTFRHSV\	14248	>TP53-R209I·DINTFRHSVV	314	13934
>TP53-R209I·DRNTFRHSV\	6394	>TP53-R209I·DINTFRHSVV	73	6321
>TP53-R209I·DRNTFRHSV	10265	>TP53-R209I·DINTFRHSV	23	10242
>TP53-R209I·DRNTFRHSV\	18004	>TP53-R209I·DINTFRHSVV	403	17601
>TP53-R209I·DRNTFRHSV\	16289	>TP53-R209I·DINTFRHSVV	147	16142
>TP53-R209I·LDDRNTFRHS'	482	>TP53-R209I·LDDINTFRHS'	257	225
>TP53-R209I·YLDDRNTF	2206	>TP53-R209I·YLDDINTF	287	1919
>TP53-R209I·YLDDRNTF	708	>TP53-R209I·YLDDINTF	66	642
>TP53-R209I·YLDDRNTFR	789	>TP53-R209I·YLDDINTFR	52	737
>TP53-R209I·YLDDRNTFR+	1276	>TP53-R209I·YLDDINTFRH:	265	1011
>TP53-R209I·YLDDRNTF	187	>TP53-R209I·YLDDINTF	72	115
>TP53-R209I·YLDDRNTFR+	333	>TP53-R209I·YLDDINTFRH:	208	125
>TP53-R209I·YLDDRNTF	149	>TP53-R209I·YLDDINTF	17	132
>TP53-R209I·YLDDRNTFR	1191	>TP53-R209I·YLDDINTFR	421	770
>TP53-R209I·YLDDRNTFR+	800	>TP53-R209I·YLDDINTFRH	381	419
>TP53-R209I·YLDDRNTFR+	155	>TP53-R209I·YLDDINTFRH:	77	78
>TP53-R209I·YLDDRNTF	367	>TP53-R209I·YLDDINTF	58	309
>TP53-R209I·YLDDRNTF	2259	>TP53-R209I·YLDDINTF	426	1833
>TP53-R209I·YLDDRNTFR+	648	>TP53-R209I·YLDDINTFRH:	322	326
>TP53-R209I·YLDDRNTF	4575	>TP53-R209I·YLDDINTF	267	4308
>TP53-R209I·YLDDRNTF	87	>TP53-R209I·YLDDINTF	40	47
>TP53-R209I·YLDDRNTFR	189	>TP53-R209I·YLDDINTFR	131	58
>TP53-R209I·YLDDRNTFR+	187	>TP53-R209I·YLDDINTFRH	160	27
>TP53-R209I·YLDDRNTFR+	171	>TP53-R209I·YLDDINTFRH:	135	36
>TP53-R209I·YLDDRNTFR	282	>TP53-R209I·YLDDINTFR	314	32
>TP53-R209I·YLDDRNTFR	55	>TP53-R209I·YLDDINTFR	71	16
>TP53-R209I·YLDDRNTFR	68	>TP53-R209I·YLDDINTFR	14	54
>TP53-R209I·YLDDRNTF	255	>TP53-R209I·YLDDINTF	334	79
>TP53-R209I·YLDDRNTF	1013	>TP53-R209I·YLDDINTF	266	747
>TP53-R209I·YLDDRNTFR	336	>TP53-R209I·YLDDINTFR	191	145
>TP53-R209I·EYLDDRNTF	103	>TP53-R209I·EYLDDINTF	63	40

>TP53-R209I·EYLDDRNTF	667	>TP53-R209I·EYLDDINTF	220	447
>TP53-R209I·EYLDDRNTF	18	>TP53-R209I·EYLDDINTF	10	8
>TP53-R209I·EYLDDRNTF	381	>TP53-R209I·EYLDDINTF	101	280
>TP53-R209I·EYLDDRNTF	301	>TP53-R209I·EYLDDINTF	20	281
>TP53-R209I·EYLDDRNTFR	328	>TP53-R209I·EYLDDINTFR	249	79
>TP53-R209I·EYLDDRNTFR	88	>TP53-R209I·EYLDDINTFR	57	31
>TP53-R209I·EYLDDRNTFR	508	>TP53-R209I·EYLDDINTFR	115	393
>TP53-R209I·EYLDDRNTFR	19	>TP53-R209I·EYLDDINTFR	17	2
>TP53-R209I·VEYLDDRNTF	124	>TP53-R209I·VEYLDDINTF	117	7
>TP53-R209I·VEYLDDRNTF	555	>TP53-R209I·VEYLDDINTF	249	306
>TP53-R209I·VEYLDDRNTF	524	>TP53-R209I·VEYLDDINTFI	244	280
>TP53-R209I·RVEYLDDR	433	>TP53-R209I·RVEYLDDI	22754	22321
>TP53-R209I·RVEYLDDR	14695	>TP53-R209I·RVEYLDDI	202	14493
>TP53-R209I·RVEYLDDRNT	40	>TP53-R209I·RVEYLDDINTI	31	9
>TP53-R209I·RVEYLDDRNT	78	>TP53-R209I·RVEYLDDINTI	81	3
>TP53-R209I·LRVEYLDDR	34418	>TP53-R209I·LRVEYLDDI	457	33961
>TP53-R209I·LRVEYLDDR	8524	>TP53-R209I·LRVEYLDDI	367	8157
>TP53-R209K·RNTFRHSVV	224	>TP53-R209K·KNTFRHSVV	388	164
>TP53-R209K·LDDRNTFRHS	482	>TP53-R209K·LDDKNTFRHS	488	6
>TP53-R209K·YLDDRNTF	187	>TP53-R209K·YLDDKNTF	267	80
>TP53-R209K·YLDDRNTFR-	333	>TP53-R209K·YLDDKNTFR-	526	193
>TP53-R209K·YLDDRNTF	149	>TP53-R209K·YLDDKNTF	73	76
>TP53-R209K·YLDDRNTFR-	155	>TP53-R209K·YLDDKNTFR-	125	30
>TP53-R209K·YLDDRNTF	367	>TP53-R209K·YLDDKNTF	173	194
>TP53-R209K·YLDDRNTF	87	>TP53-R209K·YLDDKNTF	113	26
>TP53-R209K·YLDDRNTFR	189	>TP53-R209K·YLDDKNTFR	267	78
>TP53-R209K·YLDDRNTFR-	187	>TP53-R209K·YLDDKNTFR-	273	86
>TP53-R209K·YLDDRNTFR-	171	>TP53-R209K·YLDDKNTFR-	211	40
>TP53-R209K·YLDDRNTFR	282	>TP53-R209K·YLDDKNTFR	472	190
>TP53-R209K·YLDDRNTFR	55	>TP53-R209K·YLDDKNTFR	147	92
>TP53-R209K·YLDDRNTFR	68	>TP53-R209K·YLDDKNTFR	122	54
>TP53-R209K·YLDDRNTF	255	>TP53-R209K·YLDDKNTF	414	159
>TP53-R209K·YLDDRNTFR	336	>TP53-R209K·YLDDKNTFR	420	84
>TP53-R209K·EYLDDRNTF	103	>TP53-R209K·EYLDDKNTF	180	77
>TP53-R209K·EYLDDRNTF	667	>TP53-R209K·EYLDDKNTF	498	169
>TP53-R209K·EYLDDRNTF	18	>TP53-R209K·EYLDDKNTF	27	9
>TP53-R209K·EYLDDRNTF	381	>TP53-R209K·EYLDDKNTF	509	128
>TP53-R209K·EYLDDRNTF	301	>TP53-R209K·EYLDDKNTF	620	319
>TP53-R209K·EYLDDRNTFR	328	>TP53-R209K·EYLDDKNTFR	461	133
>TP53-R209K·EYLDDRNTFR	88	>TP53-R209K·EYLDDKNTFR	122	34
>TP53-R209K·EYLDDRNTFR	19	>TP53-R209K·EYLDDKNTFR	19	0
>TP53-R209K·VEYLDDRNTF	622	>TP53-R209K·VEYLDDKNTF	349	273
>TP53-R209K·VEYLDDRNTF	124	>TP53-R209K·VEYLDDKNTF	180	56

>TP53-R209K VEYLDDRNTF	524	>TP53-R209K VEYLDDKNTF	402	122
>TP53-R209K RVEYLDDR	433	>TP53-R209K RVEYLDDK	6955	6522
>TP53-R209K RVEYLDDRNT	40	>TP53-R209K RVEYLDDKNT	53	13
>TP53-R209K RVEYLDDRNT	78	>TP53-R209K RVEYLDDKNT	84	6
>TP53-R209S RNTFRHSVV	224	>TP53-R209S SNTFRHSVV	287	63
>TP53-R209S DRNTFRHSV	2182	>TP53-R209S DSNTFRHSV	19	2163
>TP53-R209S DRNTFRHSV\	14248	>TP53-R209S DSNTFRHSV\	257	13991
>TP53-R209S DRNTFRHSV\	6394	>TP53-R209S DSNTFRHSV\	95	6299
>TP53-R209S DRNTFRHSV	10265	>TP53-R209S DSNTFRHSV	98	10167
>TP53-R209S LDDRNTFRHS	482	>TP53-R209S LDDSNTFRHS	322	160
>TP53-R209S YLDDRNTF	708	>TP53-R209S YLDDSNTF	230	478
>TP53-R209S YLDDRNTFR	789	>TP53-R209S YLDDSNTFR	472	317
>TP53-R209S YLDDRNTF	187	>TP53-R209S YLDDSNTF	85	102
>TP53-R209S YLDDRNTFR\	333	>TP53-R209S YLDDSNTFRH	255	78
>TP53-R209S YLDDRNTF	149	>TP53-R209S YLDDSNTF	41	108
>TP53-R209S YLDDRNTFR\	800	>TP53-R209S YLDDSNTFRH	496	304
>TP53-R209S YLDDRNTFR\	155	>TP53-R209S YLDDSNTFRH	108	47
>TP53-R209S YLDDRNTF	367	>TP53-R209S YLDDSNTF	58	309
>TP53-R209S YLDDRNTFR\	648	>TP53-R209S YLDDSNTFRH	418	230
>TP53-R209S YLDDRNTF	87	>TP53-R209S YLDDSNTF	64	23
>TP53-R209S YLDDRNTFR	189	>TP53-R209S YLDDSNTFR	131	58
>TP53-R209S YLDDRNTFR\	187	>TP53-R209S YLDDSNTFRH	147	40
>TP53-R209S YLDDRNTFR\	171	>TP53-R209S YLDDSNTFRH	130	41
>TP53-R209S YLDDRNTFR	282	>TP53-R209S YLDDSNTFR	814	532
>TP53-R209S YLDDRNTFR	55	>TP53-R209S YLDDSNTFR	216	161
>TP53-R209S YLDDRNTFR	68	>TP53-R209S YLDDSNTFR	31	37
>TP53-R209S YLDDRNTF	847	>TP53-R209S YLDDSNTF	216	631
>TP53-R209S YLDDRNTF	255	>TP53-R209S YLDDSNTF	80	175
>TP53-R209S YLDDRNTF	1092	>TP53-R209S YLDDSNTF	274	818
>TP53-R209S YLDDRNTF	1811	>TP53-R209S YLDDSNTF	380	1431
>TP53-R209S YLDDRNTF	1013	>TP53-R209S YLDDSNTF	174	839
>TP53-R209S YLDDRNTF	1311	>TP53-R209S YLDDSNTF	474	837
>TP53-R209S YLDDRNTFR	336	>TP53-R209S YLDDSNTFR	463	127
>TP53-R209S EYLDDRNTF	103	>TP53-R209S EYLDDSNTF	110	7
>TP53-R209S EYLDDRNTF	667	>TP53-R209S EYLDDSNTF	171	496
>TP53-R209S EYLDDRNTF	18	>TP53-R209S EYLDDSNTF	14	4
>TP53-R209S EYLDDRNTF	381	>TP53-R209S EYLDDSNTF	365	16
>TP53-R209S EYLDDRNTF	301	>TP53-R209S EYLDDSNTF	355	54
>TP53-R209S EYLDDRNTFR	328	>TP53-R209S EYLDDSNTFR	415	87
>TP53-R209S EYLDDRNTFR	88	>TP53-R209S EYLDDSNTFR	82	6
>TP53-R209S EYLDDRNTFR	508	>TP53-R209S EYLDDSNTFR	263	245
>TP53-R209S EYLDDRNTFR	19	>TP53-R209S EYLDDSNTFR	19	0
>TP53-R209S VEYLDDRNTF	124	>TP53-R209S VEYLDDSNTF	68	56

>TP53-R209S RVEYLDDR	433	>TP53-R209S RVEYLDDS	22289	21856
>TP53-R209S RVEYLDDRNT	40	>TP53-R209S RVEYLDDSNT	21	19
>TP53-R209S RVEYLDDRNT	1271	>TP53-R209S RVEYLDDSNT	402	869
>TP53-R209S RVEYLDDRNT	1584	>TP53-R209S RVEYLDDSNT	482	1102
>TP53-R209S RVEYLDDRNT	78	>TP53-R209S RVEYLDDSNT	63	15
>TP53-R209T RNTFRHSV	7354	>TP53-R209T TNTFRHSV	262	7092
>TP53-R209T RNTFRHSVV	224	>TP53-R209T TNTFRHSVV	1025	801
>TP53-R209T DRNTFRHSV	2182	>TP53-R209T DTNTFRHSV	7	2175
>TP53-R209T DRNTFRHSV\	14248	>TP53-R209T DTNTFRHSV\	49	14199
>TP53-R209T DRNTFRHSV\	6394	>TP53-R209T DTNTFRHSV\	16	6378
>TP53-R209T DRNTFRHSV	10265	>TP53-R209T DTNTFRHSV	9	10256
>TP53-R209T DRNTFRHSV\	18004	>TP53-R209T DTNTFRHSV\	123	17881
>TP53-R209T DRNTFRHSV\	16289	>TP53-R209T DTNTFRHSV\	42	16247
>TP53-R209T LDDRNTFRHS	482	>TP53-R209T LDDTNTFRHS	382	100
>TP53-R209T YLDDRNTF	708	>TP53-R209T YLDDTNTF	264	444
>TP53-R209T YLDDRNTF	187	>TP53-R209T YLDDTNTF	111	76
>TP53-R209T YLDDRNTFRH	333	>TP53-R209T YLDDTNTFRH	268	65
>TP53-R209T YLDDRNTF	149	>TP53-R209T YLDDTNTF	27	122
>TP53-R209T YLDDRNTFR	1191	>TP53-R209T YLDDTNTFR	386	805
>TP53-R209T YLDDRNTFRH	800	>TP53-R209T YLDDTNTFRH	407	393
>TP53-R209T YLDDRNTFRH	155	>TP53-R209T YLDDTNTFRH	74	81
>TP53-R209T YLDDRNTF	367	>TP53-R209T YLDDTNTF	43	324
>TP53-R209T YLDDRNTFRH	1022	>TP53-R209T YLDDTNTFRH	416	606
>TP53-R209T YLDDRNTFRH	648	>TP53-R209T YLDDTNTFRH	318	330
>TP53-R209T YLDDRNTF	4575	>TP53-R209T YLDDTNTF	425	4150
>TP53-R209T YLDDRNTF	87	>TP53-R209T YLDDTNTF	55	32
>TP53-R209T YLDDRNTFR	189	>TP53-R209T YLDDTNTFR	140	49
>TP53-R209T YLDDRNTFRH	187	>TP53-R209T YLDDTNTFRH	171	16
>TP53-R209T YLDDRNTFRH	171	>TP53-R209T YLDDTNTFRH	139	32
>TP53-R209T YLDDRNTFR	282	>TP53-R209T YLDDTNTFR	736	454
>TP53-R209T YLDDRNTFR	55	>TP53-R209T YLDDTNTFR	228	173
>TP53-R209T YLDDRNTFR	68	>TP53-R209T YLDDTNTFR	41	27
>TP53-R209T YLDDRNTF	847	>TP53-R209T YLDDTNTF	369	478
>TP53-R209T YLDDRNTF	255	>TP53-R209T YLDDTNTF	125	130
>TP53-R209T YLDDRNTF	1092	>TP53-R209T YLDDTNTF	384	708
>TP53-R209T YLDDRNTF	1013	>TP53-R209T YLDDTNTF	223	790
>TP53-R209T YLDDRNTF	1311	>TP53-R209T YLDDTNTF	323	988
>TP53-R209T YLDDRNTFR	336	>TP53-R209T YLDDTNTFR	330	6
>TP53-R209T EYLDDRNTF	103	>TP53-R209T EYLDDTNTF	67	36
>TP53-R209T EYLDDRNTF	667	>TP53-R209T EYLDDTNTF	198	469
>TP53-R209T EYLDDRNTF	18	>TP53-R209T EYLDDTNTF	11	7
>TP53-R209T EYLDDRNTF	381	>TP53-R209T EYLDDTNTF	148	233
>TP53-R209T EYLDDRNTF	301	>TP53-R209T EYLDDTNTF	61	240

>TP53-R209T EYLDDRNTF	1315	>TP53-R209T EYLDDTNTF	254	1061
>TP53-R209T EYLDDRNTFR	328	>TP53-R209T EYLDDTNTFR	563	235
>TP53-R209T EYLDDRNTFR	88	>TP53-R209T EYLDDTNTFR	120	32
>TP53-R209T EYLDDRNTFR	508	>TP53-R209T EYLDDTNTFR	435	73
>TP53-R209T EYLDDRNTFR	19	>TP53-R209T EYLDDTNTFR	16	3
>TP53-R209T VEYLDDRNTF	622	>TP53-R209T VEYLDDTNTF	498	124
>TP53-R209T VEYLDDRNTF	124	>TP53-R209T VEYLDDTNTF	81	43
>TP53-R209T VEYLDDRNTF	555	>TP53-R209T VEYLDDTNTF	352	203
>TP53-R209T VEYLDDRNTF	524	>TP53-R209T VEYLDDTNTF	398	126
>TP53-R209T RVEYLDDR	433	>TP53-R209T RVEYLDDT	23418	22985
>TP53-R209T RVEYLDDRNT	40	>TP53-R209T RVEYLDDTNT	15	25
>TP53-R209T RVEYLDDRNT	1584	>TP53-R209T RVEYLDDTNT	424	1160
>TP53-R209T RVEYLDDRNT	78	>TP53-R209T RVEYLDDTNT	81	3
>TP53-R213C RHSVVPY	23	>TP53-R213C GHSVVPY	422	399
>TP53-R213C RHSVVPY	413	>TP53-R213C GHSVVPY	7485	7072
>TP53-R213C FRHSVVPY	1164	>TP53-R213C FGHSVVPY	73	1091
>TP53-R213C FRHSVVPY	894	>TP53-R213C FGHSVVPY	335	559
>TP53-R213C FRHSVVPY	4	>TP53-R213C FGHSVVPY	41	37
>TP53-R213C FRHSVVPY	33	>TP53-R213C FGHSVVPY	17282	17249
>TP53-R213C FRHSVVPY	1057	>TP53-R213C FGHSVVPY	42	1015
>TP53-R213C FRHSVVPY	4634	>TP53-R213C FGHSVVPY	313	4321
>TP53-R213C FRHSVVPY	946	>TP53-R213C FGHSVVPY	102	844
>TP53-R213C TFRHSVVPY	185	>TP53-R213C TFGHSVVPY	86	99
>TP53-R213C TFRHSVVPY	139	>TP53-R213C TFGHSVVPY	14768	14629
>TP53-R213C TFRHSVVPY	162	>TP53-R213C TFGHSVVPY	14180	14018
>TP53-R213C TFRHSVVPY	687	>TP53-R213C TFGHSVVPY	362	325
>TP53-R213C TFRHSVVPY	140	>TP53-R213C TFGHSVVPY	390	250
>TP53-R213C TFRHSVVPY	225	>TP53-R213C TFGHSVVPY	875	650
>TP53-R213C TFRHSVVPY	271	>TP53-R213C TFGHSVVPY	2735	2464
>TP53-R213C NTFRHSVV	1371	>TP53-R213C NTFGHSVV	345	1026
>TP53-R213C NTFRHSVV	872	>TP53-R213C NTFGHSVV	151	721
>TP53-R213C NTFRHSVV	382	>TP53-R213C NTFGHSVV	185	197
>TP53-R213C NTFRHSVV	581	>TP53-R213C NTFGHSVV	258	323
>TP53-R213C NTFRHSVV	680	>TP53-R213C NTFGHSVV	225	455
>TP53-R213C NTFRHSVV	309	>TP53-R213C NTFGHSVV	96	213
>TP53-R213C NTFRHSVV	265	>TP53-R213C NTFGHSVV	80	185
>TP53-R213C NTFRHSVV	1246	>TP53-R213C NTFGHSVV	392	854
>TP53-R213C NTFRHSVV	1108	>TP53-R213C NTFGHSVV	337	771
>TP53-R213C NTFRHSVVV	128	>TP53-R213C NTFGHSVVV	161	33
>TP53-R213C NTFRHSVVV	845	>TP53-R213C NTFGHSVVV	283	562
>TP53-R213C NTFRHSVVV	97	>TP53-R213C NTFGHSVVV	30	67
>TP53-R213C NTFRHSVVV	123	>TP53-R213C NTFGHSVVV	72	51
>TP53-R213C NTFRHSVVV	678	>TP53-R213C NTFGHSVVV	238	440

>TP53-R213CNTFRHSVVVF	82	>TP53-R213CNTFGHSVVVF	30	52
>TP53-R213CNTFRHSVVV	412	>TP53-R213CNTFGHSVVV	166	246
>TP53-R213CNTFRHSVVVF	61	>TP53-R213CNTFGHSVVVF	30	31
>TP53-R213CNTFRHSVVVF	34	>TP53-R213CNTFGHSVVVF	22	12
>TP53-R213CNTFRHSVV	11	>TP53-R213CNTFGHSVV	8	3
>TP53-R213CNTFRHSVVV	8	>TP53-R213CNTFGHSVVV	6	2
>TP53-R213CNTFRHSVV	50	>TP53-R213CNTFGHSVV	26	24
>TP53-R213CNTFRHSVVV	25	>TP53-R213CNTFGHSVVV	17	8
>TP53-R213CNTFRHSVVVF	65	>TP53-R213CNTFGHSVVVF	63	2
>TP53-R213CNTFRHSVVVF	492	>TP53-R213CNTFGHSVVVF	222	270
>TP53-R213CNTFRHSVVVF	33	>TP53-R213CNTFGHSVVVF	146	113
>TP53-R213CNTFRHSVVVF	23	>TP53-R213CNTFGHSVVVF	11	12
>TP53-R213CNTFRHSVVVF	609	>TP53-R213CNTFGHSVVVF	250	359
>TP53-R213CNTFRHSVVVF	105	>TP53-R213CNTFGHSVVVF	58	47
>TP53-R213CNTFRHSVVVF	289	>TP53-R213CNTFGHSVVVF	270	19
>TP53-R213CNTFRHSVVVF	23	>TP53-R213CNTFGHSVVVF	55	32
>TP53-R213CRNTRFRHSVV	224	>TP53-R213CRNTRFRHSVV	92	132
>TP53-R213CLDDRNTFRHS	482	>TP53-R213CLDDRNTFRHS	331	151
>TP53-R213CYLDDRNTFR	789	>TP53-R213CYLDDRNTFR	144	645
>TP53-R213CYLDDRNTFR	333	>TP53-R213CYLDDRNTFR	193	140
>TP53-R213CYLDDRNTFR	1191	>TP53-R213CYLDDRNTFR	160	1031
>TP53-R213CYLDDRNTFR	155	>TP53-R213CYLDDRNTFR	146	9
>TP53-R213CYLDDRNTFR	3126	>TP53-R213CYLDDRNTFR	473	2653
>TP53-R213CYLDDRNTFR	648	>TP53-R213CYLDDRNTFR	452	196
>TP53-R213CYLDDRNTFR	189	>TP53-R213CYLDDRNTFR	153	36
>TP53-R213CYLDDRNTFR	187	>TP53-R213CYLDDRNTFR	201	14
>TP53-R213CYLDDRNTFR	171	>TP53-R213CYLDDRNTFR	125	46
>TP53-R213CYLDDRNTFR	282	>TP53-R213CYLDDRNTFR	23061	22779
>TP53-R213CYLDDRNTFR	55	>TP53-R213CYLDDRNTFR	19753	19698
>TP53-R213CYLDDRNTFR	68	>TP53-R213CYLDDRNTFR	32173	32105
>TP53-R213CYLDDRNTFR	336	>TP53-R213CYLDDRNTFR	34748	34412
>TP53-R213CEYLDDRNTFR	328	>TP53-R213CEYLDDRNTFR	34317	33989
>TP53-R213CEYLDDRNTFR	88	>TP53-R213CEYLDDRNTFR	13084	12996
>TP53-R213CEYLDDRNTFR	19	>TP53-R213CEYLDDRNTFR	19205	19186
>TP53-R213L RHSVVPY	23	>TP53-R213L RHSVVPY	60	37
>TP53-R213L RHSVVPY	413	>TP53-R213L RHSVVPY	242	171
>TP53-R213L FRHSVVPY	24345	>TP53-R213L FLHSVVPY	281	24064
>TP53-R213L FRHSVVPY	18376	>TP53-R213L FLHSVVPY	202	18174
>TP53-R213L FRHSVVPYE	15868	>TP53-R213L FLHSVVPYE	57	15811
>TP53-R213L FRHSVVPY	20554	>TP53-R213L FLHSVVPY	237	20317
>TP53-R213L FRHSVVPY	25968	>TP53-R213L FLHSVVPY	398	25570
>TP53-R213L FRHSVVPY	19914	>TP53-R213L FLHSVVPY	29	19885
>TP53-R213L FRHSVVPYE	20487	>TP53-R213L FLHSVVPYE	39	20448

>TP53-R213L FRHSVVPYE	21421	>TP53-R213L FLHSVVPYE	55	21366
>TP53-R213L FRHSVVPY	32004	>TP53-R213L FLHSVVPY	176	31828
>TP53-R213L FRHSVVPYE	32474	>TP53-R213L FLHSVVPYE	313	32161
>TP53-R213L FRHSVVPY	4728	>TP53-R213L FLHSVVPY	497	4231
>TP53-R213L FRHSVVPY	1048	>TP53-R213L FLHSVVPY	37	1011
>TP53-R213L FRHSVVPY	6838	>TP53-R213L FLHSVVPY	335	6503
>TP53-R213L FRHSVVPY	1164	>TP53-R213L FLHSVVPY	30	1134
>TP53-R213L FRHSVVPY	894	>TP53-R213L FLHSVVPY	28	866
>TP53-R213L FRHSVVPY	4	>TP53-R213L FLHSVVPY	6	2
>TP53-R213L FRHSVVPY	33	>TP53-R213L FLHSVVPY	12519	12486
>TP53-R213L FRHSVVPY	1057	>TP53-R213L FLHSVVPY	93	964
>TP53-R213L FRHSVVPY	946	>TP53-R213L FLHSVVPY	77	869
>TP53-R213L VEYLDDRNTF	4617	>TP53-R213L VEYLDDRNTF	34	4583
>TP53-R213L VEYLDDRNTF	16973	>TP53-R213L VEYLDDRNTF	95	16878
>TP53-R213L VEYLDDRNTF	8103	>TP53-R213L VEYLDDRNTF	201	7902
>TP53-R213L VEYLDDRNTF	6271	>TP53-R213L VEYLDDRNTF	96	6175
>TP53-R213L TFRHSVVPY	185	>TP53-R213L TFLHSVVPY	60	125
>TP53-R213L TFRHSVVV	139	>TP53-R213L TFLHSVVV	8022	7883
>TP53-R213L TFRHSVVPY	162	>TP53-R213L TFLHSVVPY	6956	6794
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>TP53-R213L TFRHSVVPY	140	>TP53-R213L TFLHSVVPY	688	548
>TP53-R213L TFRHSVVPY	225	>TP53-R213L TFLHSVVPY	300	75
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>TP53-R213L NTFRHSVV	382	>TP53-R213L NTFLHSVV	386	4
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>TP53-R213L NTFRHSVV	309	>TP53-R213L NTFLHSVV	672	363
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>TP53-R213L NTFRHSVVVF	128	>TP53-R213L NTFLHSVVVP	167	39
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>TP53-R213L NTFRHSVVVF	123	>TP53-R213L NTFLHSVVVP	317	194
>TP53-R213L NTFRHSVVVF	82	>TP53-R213L NTFLHSVVVP	53	29
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>TP53-R213L NTFRHSVV	11	>TP53-R213L NTFLHSVV	11	0
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>TP53-R213L NTFRHSVV	50	>TP53-R213L NTFLHSVV	43	7
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>TP53-R213L NTFRHSVVVF	23	>TP53-R213L NTFLHSVVVP	12	11
>TP53-R213L NTFRHSVVVF	609	>TP53-R213L NTFLHSVVVP	279	330



>TP53-R213L NTFRHSVVVF	105	>TP53-R213L NTFLHSVVVP	85	20
>TP53-R213L NTFRHSVVVF	289	>TP53-R213L NTFLHSVVVP	398	109
>TP53-R213L NTFRHSVVVF	23	>TP53-R213L NTFLHSVVVP	64	41
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>TP53-R213L LDDRNTFRHS	482	>TP53-R213L LDDRNTFLHS	223	259
>TP53-R213L YLDDRNTFR	5615	>TP53-R213L YLDDRNTFL	7	5608
>TP53-R213L YLDDRNTFRH	1704	>TP53-R213L YLDDRNTFLH	239	1465
>TP53-R213L YLDDRNTFR	789	>TP53-R213L YLDDRNTFL	2	787
>TP53-R213L YLDDRNTFR	9299	>TP53-R213L YLDDRNTFL	13	9286
>TP53-R213L YLDDRNTFR	3926	>TP53-R213L YLDDRNTFL	6	3920
>TP53-R213L YLDDRNTFRH	333	>TP53-R213L YLDDRNTFLH	95	238
>TP53-R213L YLDDRNTFR	1191	>TP53-R213L YLDDRNTFL	3	1188
>TP53-R213L YLDDRNTFRH	155	>TP53-R213L YLDDRNTFLH	94	61
>TP53-R213L YLDDRNTFR	7766	>TP53-R213L YLDDRNTFL	4	7762
>TP53-R213L YLDDRNTFRH	1022	>TP53-R213L YLDDRNTFLH	368	654
>TP53-R213L YLDDRNTFR	3126	>TP53-R213L YLDDRNTFL	5	3121
>TP53-R213L YLDDRNTFRH	648	>TP53-R213L YLDDRNTFLH	181	467
>TP53-R213L YLDDRNTFR	13204	>TP53-R213L YLDDRNTFL	5	13199
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>TP53-R213L YLDDRNTFRH	187	>TP53-R213L YLDDRNTFLH	243	56
>TP53-R213L YLDDRNTFRH	171	>TP53-R213L YLDDRNTFLH	35	136
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>TP53-R213L YLDDRNTFR	55	>TP53-R213L YLDDRNTFL	10682	10627
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>TP53-R213L EYLDDRNTFR	7009	>TP53-R213L EYLDDRNTFL	144	6865
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>TP53-R213F RHSVVPY	23	>TP53-R213F PHSVVPY	831	808
>TP53-R213F RHSVVPY	413	>TP53-R213F PHSVVPY	12399	11986
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>TP53-R213F FRHSVVPY	4	>TP53-R213F FPHSVVPY	27	23
>TP53-R213F FRHSVVPY	3893	>TP53-R213F FPHSVVPY	288	3605
>TP53-R213F FRHSVVPY	33	>TP53-R213F FPHSVVPY	17887	17854
>TP53-R213F FRHSVVPY	1057	>TP53-R213F FPHSVVPY	6	1051
>TP53-R213F FRHSVVPY	12930	>TP53-R213F FPHSVVPY	25	12905
>TP53-R213F FRHSVVP	22182	>TP53-R213F FPHSVVP	64	22118
>TP53-R213F FRHSVVPY	23102	>TP53-R213F FPHSVVPY	60	23042
>TP53-R213F FRHSVVPYE	18603	>TP53-R213F FPHSVVPYE	30	18573

>TP53-R213F FRHSVVVPYE	19670	>TP53-R213F FPHSVVVPYE	75	19595
>TP53-R213F FRHSVVVPY	946	>TP53-R213F FPHSVVVPY	6	940
>TP53-R213F FRHSVVVPY	7027	>TP53-R213F FPHSVVVPY	8	7019
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>TP53-R213F TFRHSVVV	139	>TP53-R213F TFPHSVVV	15797	15658
>TP53-R213F TFRHSVVVPY	162	>TP53-R213F TFPHSVVVPY	15259	15097
>TP53-R213F TFRHSVVVPY	140	>TP53-R213F TFPHSVVVPY	1460	1320
>TP53-R213F TFRHSVVVPY	225	>TP53-R213F TFPHSVVVPY	823	598
>TP53-R213F TFRHSVVVPY	271	>TP53-R213F TFPHSVVVPY	2748	2477
>TP53-R213F NTFRHSVV	1371	>TP53-R213F NTFPHSVV	410	961
>TP53-R213F NTFRHSVVV	872	>TP53-R213F NTFPHSVVV	158	714
>TP53-R213F NTFRHSVV	382	>TP53-R213F NTFPHSVV	170	212
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>TP53-R213F NTFRHSVVV	265	>TP53-R213F NTFPHSVVV	125	140
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>TP53-R213F NTFRHSVVVF	128	>TP53-R213F NTFPHSVVVF	97	31
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>TP53-R213F NTFRHSVVVF	82	>TP53-R213F NTFPHSVVVF	27	55
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>TP53-R213F NTFRHSVV	11	>TP53-R213F NTFPHSVV	7	4
>TP53-R213F NTFRHSVVV	8	>TP53-R213F NTFPHSVVV	6	2
>TP53-R213F NTFRHSVVVF	1311	>TP53-R213F NTFPHSVVVF	425	886
>TP53-R213F NTFRHSVV	50	>TP53-R213F NTFPHSVV	17	33
>TP53-R213F NTFRHSVVV	25	>TP53-R213F NTFPHSVVV	13	12
>TP53-R213F NTFRHSVVVF	65	>TP53-R213F NTFPHSVVVF	50	15
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>TP53-R213F NTFRHSVVVF	609	>TP53-R213F NTFPHSVVVF	380	229
>TP53-R213F NTFRHSVVVF	105	>TP53-R213F NTFPHSVVVF	50	55
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>TP53-R213F NTFRHSVVVF	23	>TP53-R213F NTFPHSVVVF	27	4
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>TP53-R213F NTFRHSVVV	1558	>TP53-R213F NTFPHSVVV	355	1203
>TP53-R213F RNTFRHSVV	224	>TP53-R213F RNTFPHSVV	63	161

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>TP53-R213FYLDDRNTFR	789	>TP53-R213FYLDDRNTFP	226	563
>TP53-R213FYLDDRNTFRH	333	>TP53-R213FYLDDRNTFPH	59	274
>TP53-R213FYLDDRNTFR	1191	>TP53-R213FYLDDRNTFP	492	699
>TP53-R213FYLDDRNTFRH	155	>TP53-R213FYLDDRNTFPH	57	98
>TP53-R213FYLDDRNTFRH	1022	>TP53-R213FYLDDRNTFPH	228	794
>TP53-R213FYLDDRNTFRH	648	>TP53-R213FYLDDRNTFPH	75	573
>TP53-R213FYLDDRNTFR	189	>TP53-R213FYLDDRNTFP	274	85
>TP53-R213FYLDDRNTFRH	187	>TP53-R213FYLDDRNTFPH	294	107
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>TP53-R213FYLDDRNTFR	282	>TP53-R213FYLDDRNTFP	23471	23189
>TP53-R213FYLDDRNTFR	55	>TP53-R213FYLDDRNTFP	22112	22057
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>TP53-R213FEYLDDRNTFR	328	>TP53-R213FEYLDDRNTFP	35381	35053
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>TP53-R213FEYLDDRNTFR	19	>TP53-R213FEYLDDRNTFP	17993	17974
>TP53-R213CRHSVVVPY	23	>TP53-R213CQHSVVVPY	125	102
>TP53-R213CRHSVVVPY	413	>TP53-R213CQHSVVVPY	9025	8612
>TP53-R213CFRHSVVVPY	15467	>TP53-R213CFQHSVVVPY	286	15181
>TP53-R213CFRHSVVVPY	1048	>TP53-R213CFQHSVVVPY	276	772
>TP53-R213CFRHSVVVPY	1164	>TP53-R213CFQHSVVVPY	27	1137
>TP53-R213CFRHSVVVPY	894	>TP53-R213CFQHSVVVPY	42	852
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>TP53-R213CFRHSVVVPY	4	>TP53-R213CFQHSVVVPY	2	2
>TP53-R213CFRHSVVVPYE	1625	>TP53-R213CFQHSVVVPYE	349	1276
>TP53-R213CFRHSVVVPY	3893	>TP53-R213CFQHSVVVPY	163	3730
>TP53-R213CFRHSVVVPY	33	>TP53-R213CFQHSVVVPY	936	903
>TP53-R213CFRHSVVVPY	1057	>TP53-R213CFQHSVVVPY	105	952
>TP53-R213CTFRHSVVVPY	185	>TP53-R213CTFQHSVVVPY	88	97
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>TP53-R213CTFRHSVVVPY	162	>TP53-R213CTFQHSVVVPY	11389	11227
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>TP53-R213CTFRHSVVVPY	140	>TP53-R213CTFQHSVVVPY	227	87
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>TP53-R213CTFRHSVVVPY	3154	>TP53-R213CTFQHSVVVPY	450	2704
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>TP53-R213CNTFRHSVVV	265	>TP53-R213CNTFQHSVVV	167	98
>TP53-R213CNTFRHSVVVF	128	>TP53-R213CNTFQHSVVVI	274	146
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>TP53-R213CNTFRHSVVVF	97	>TP53-R213CNTFQHSVVVI	65	32
>TP53-R213CNTFRHSVVVF	123	>TP53-R213CNTFQHSVVVI	117	6
>TP53-R213CNTFRHSVVVF	678	>TP53-R213CNTFQHSVVVI	175	503
>TP53-R213CNTFRHSVVVF	82	>TP53-R213CNTFQHSVVVI	49	33
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>TP53-R213CNTFRHSVVVF	61	>TP53-R213CNTFQHSVVVI	65	4
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>TP53-R213CNTFRHSVVV	8	>TP53-R213CNTFQHSVVV	9	1
>TP53-R213CNTFRHSVV	50	>TP53-R213CNTFQHSVV	26	24
>TP53-R213CNTFRHSVVV	25	>TP53-R213CNTFQHSVVV	15	10
>TP53-R213CNTFRHSVVVF	65	>TP53-R213CNTFQHSVVVI	49	16
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>TP53-R213CNTFRHSVVVF	33	>TP53-R213CNTFQHSVVVI	49	16
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>TP53-R213CNTFRHSVVVF	609	>TP53-R213CNTFQHSVVVI	377	232
>TP53-R213CNTFRHSVVVF	105	>TP53-R213CNTFQHSVVVI	53	52
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>TP53-R213CNTFRHSVVVF	23	>TP53-R213CNTFQHSVVVI	24	1
>TP53-R213C RNTFRHSVV	224	>TP53-R213C RNTFQHSVV	396	172
>TP53-R213C LDDRNTFRHS	482	>TP53-R213C LDDRNTFQH!	162	320
>TP53-R213C YLDDRNTFR	789	>TP53-R213C YLDDRNTFQ	66	723
>TP53-R213C YLDDRNTFR	3926	>TP53-R213C YLDDRNTFQ	304	3622
>TP53-R213C YLDDRNTFR!	333	>TP53-R213C YLDDRNTFQ!	107	226
>TP53-R213C YLDDRNTFR	1191	>TP53-R213C YLDDRNTFQ	112	1079
>TP53-R213C YLDDRNTFR!	155	>TP53-R213C YLDDRNTFQ!	71	84
>TP53-R213C YLDDRNTFR!	1022	>TP53-R213C YLDDRNTFQ!	218	804
>TP53-R213C YLDDRNTFR	3126	>TP53-R213C YLDDRNTFQ	63	3063
>TP53-R213C YLDDRNTFR!	648	>TP53-R213C YLDDRNTFQ!	165	483
>TP53-R213C YLDDRNTFR	189	>TP53-R213C YLDDRNTFQ	6	183
>TP53-R213C YLDDRNTFR!	187	>TP53-R213C YLDDRNTFQ!	146	41
>TP53-R213C YLDDRNTFR!	171	>TP53-R213C YLDDRNTFQ!	20	151
>TP53-R213C YLDDRNTFR	282	>TP53-R213C YLDDRNTFQ	19508	19226
>TP53-R213C YLDDRNTFR	55	>TP53-R213C YLDDRNTFQ	9421	9366
>TP53-R213C YLDDRNTFR	68	>TP53-R213C YLDDRNTFQ	9872	9804
>TP53-R213C YLDDRNTFR	336	>TP53-R213C YLDDRNTFQ	22017	21681
>TP53-R213C EYLDDRNTFR	328	>TP53-R213C EYLDDRNTFC	27277	26949
>TP53-R213C EYLDDRNTFR	88	>TP53-R213C EYLDDRNTFC	7459	7371
>TP53-R213C EYLDDRNTFR	19	>TP53-R213C EYLDDRNTFC	1263	1244
>TP53-R213V RHSVVVPY	23	>TP53-R213V WHSVVVPY	48	25
>TP53-R213V RHSVVVPY	4377	>TP53-R213V WHSVVVPY	233	4144
>TP53-R213V RHSVVVPY	413	>TP53-R213V WHSVVVPY	1787	1374
>TP53-R213V FRHSVVVPY	1048	>TP53-R213V FWHSVVVPY	40	1008

>TP53-R213\FRHSVVVPY	4	>TP53-R213\FWHSVVVPY	79	75
>TP53-R213\FRHSVVVPY	33	>TP53-R213\FWHSVVVPY	9980	9947
>TP53-R213\FRHSVVVPY	1057	>TP53-R213\FWHSVVVPY	283	774
>TP53-R213\FRHSVVVPY	946	>TP53-R213\FWHSVVVPY	215	731
>TP53-R213\FRHSVVVPY	37020	>TP53-R213\FWHSVVVPY	325	36695
>TP53-R213\VEYLDDRNTF	4617	>TP53-R213\VEYLDDRNTF	113	4504
>TP53-R213\VEYLDDRNTF	8575	>TP53-R213\VEYLDDRNTF	112	8463
>TP53-R213\VEYLDDRNTF	6083	>TP53-R213\VEYLDDRNTF	110	5973
>TP53-R213\TFRHSVVVPY	185	>TP53-R213\TFWHSVVVP'	57	128
>TP53-R213\TFRHSVVV	139	>TP53-R213\TFWHSVVV	12161	12022
>TP53-R213\TFRHSVVVPY	162	>TP53-R213\TFWHSVVVP'	10942	10780
>TP53-R213\TFRHSVVVPY	687	>TP53-R213\TFWHSVVVP'	108	579
>TP53-R213\TFRHSVVVPY	140	>TP53-R213\TFWHSVVVP'	432	292
>TP53-R213\TFRHSVVVPY	225	>TP53-R213\TFWHSVVVP'	243	18
>TP53-R213\TFRHSVVVPY	271	>TP53-R213\TFWHSVVVP'	202	69
>TP53-R213\NTFRHSVVV	872	>TP53-R213\NTFWHSVVV	366	506
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>TP53-R213\NTFRHSVVVF	128	>TP53-R213\NTFWHSVVV	80	48
>TP53-R213\NTFRHSVVVF	97	>TP53-R213\NTFWHSVVV	149	52
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>TP53-R213\NTFRHSVVVF	65	>TP53-R213\NTFWHSVVV	92	27
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>TP53-R248C RRPILTII	33	>TP53-R248C GRPILTII	4681	4648
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>TP53-R248CGGMNRRPIL	444	>TP53-R248CGGMNRRPIL	13159	12715
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>TP53-R248SSCMGGMNI	58	>TP53-R248SSCMGGMNI	20929	20871
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>TP53-R248SSCMGGMNI	56	>TP53-R248SSCMGGMNI	59	3
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>TP53-R248L NRRPILTII	31686	>TP53-R248L NLRPILTII	168	31518
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>TP53-R248L NRRPILTII	224	>TP53-R248L NLRPILTII	21669	21445
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>TP53-R248L MNRRPILTI	35	>TP53-R248L MNLRPILTI	3342	3307
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>TP53-R248L MNRRPILTI	457	>TP53-R248L MNLRPILTI	681	224
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>TP53-R248L GMNRRPILTI	168	>TP53-R248L GMNLRPILTII	154	14
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>TP53-R248L GMNRRPILTI	61	>TP53-R248L GMNLRPILTI	75	14
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>TP53-R248L GMNRRPILTI	93	>TP53-R248L GMNLRPILTII	234	141
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>TP53-R248\NSSCMGGMI	111	>TP53-R248\NSSCMGGMI	29320	29209
>TP53-R248\NSSCMGGMI	55	>TP53-R248\NSSCMGGMI	20726	20671
>TP53-R248\NSSCMGGMI	365	>TP53-R248\NSSCMGGMI	27348	26983
>TP53-R248\NSSCMGGMI	12	>TP53-R248\NSSCMGGMI	21928	21916
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>TP53-R249\RPILTIITL	34	>TP53-R249\GPILTIITL	711	677
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>TP53-R249\RPILTIITL	66	>TP53-R249\GPILTIITL	182	116
>TP53-R249\RPILTIITL	89	>TP53-R249\GPILTIITL	279	190
>TP53-R249\RRPILTIITL	21821	>TP53-R249\RGPILTIITL	433	21388
>TP53-R249\RRPILTII	220	>TP53-R249\RGPILTII	18485	18265
>TP53-R249\RRPILTIITL	14	>TP53-R249\RGPILTIITL	11844	11830
>TP53-R249\RRPILTIITL	492	>TP53-R249\RGPILTIITL	12	480
>TP53-R249\RRPILTII	33	>TP53-R249\RGPILTII	15503	15470
>TP53-R249\RRPILTIIT	86	>TP53-R249\RGPILTIIT	17817	17731
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>TP53-R249CRRPILTIITL	14	>TP53-R249CRGPILTIITL	5354	5340
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>TP53-R249CRRPILTII	1621	>TP53-R249CRGPILTII	353	1268
>TP53-R249CNSSCMGGMI	39	>TP53-R249CNSSCMGGMI	29830	29791
>TP53-R249CNRRPILTIITL	701	>TP53-R249CNRGPILTIITL	487	214
>TP53-R249CNRRPILTII	281	>TP53-R249CNRGPILTII	2322	2041
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>TP53-R249CNRRPILTII	224	>TP53-R249CNRGPILTII	1075	851
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>TP53-R249CMNRRPILTI	35	>TP53-R249CMNRGPILTI	144	109
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>TP53-R249CGMNRRPILT	822	>TP53-R249CGMNRGPILT	288	534
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>TP53-R249CGMNRRPIL	182	>TP53-R249CGMNRGPIL	41	141
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>TP53-R249CCMGGMNRR	88	>TP53-R249CCMGGMNRRG	101	13
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>TP53-R249CSMGGMNRR	1031	>TP53-R249CSMGGMNRR	311	720
>TP53-R249CSSCMGGMNI	192	>TP53-R249CSSCMGGMNI	33293	33101

>TP53-R249C SSCMGGMNI	56	>TP53-R249C SSCMGGMNI	27553	27497
>TP53-R249C SSCMGGMNI	361	>TP53-R249C SSCMGGMNI	37803	37442
>TP53-R249C SSCMGGMNI	460	>TP53-R249C SSCMGGMNI	16049	15589
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>TP53-R249K RPILTIITL	34	>TP53-R249K KPILTIITL	64	30
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>TP53-R249K GMNRRPILTI	185	>TP53-R249K GMNRKPILTI	184	1
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>TP53-R249KCMGGMNRR	88	>TP53-R249KCMGGMNRR	108	20
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>TP53-R249MRRPILTIITL	492	>TP53-R249MRMPILTIITL	13	479
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>TP53-R249MNRRPILTII	12896	>TP53-R249MNRRPILTII	349	12547
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>TP53-R249MNRRPILTIITL	12	>TP53-R249MNRRPILTIITL	9	3
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>TP53-R249MNRMPILTII	200	>TP53-R249MNRMPILTII	398	198
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>TP53-R249SSCMGGMNI	460	>TP53-R249SSCMGGMNI	7255	6795
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>TP53-R249SRPILTIITL	34	>TP53-R249SRPILTIITL	135	101
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>TP53-R249S RRPILTIITL	492	>TP53-R249S RSPILTIITL	2	490
>TP53-R249S RRPILTIITL	17185	>TP53-R249S RSPILTIITL	26	17159
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>TP53-R249S RRPILTIIT	86	>TP53-R249S RSPILTIIT	9916	9830
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>TP53-R249S RRPILTIITL	14	>TP53-R249S RSPILTIITL	2079	2065
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>TP53-R249\CMGGMNRV	6204	>TP53-R249\CMGGMNRV	440	5764
>TP53-R249\CMGGMNRV	1849	>TP53-R249\CMGGMNRV	69	1780
>TP53-R249\CMGGMNRV	88	>TP53-R249\CMGGMNRV	88	0
>TP53-R249\CMGGMNRV	314	>TP53-R249\CMGGMNRV	23991	23677
>TP53-R249\CMGGMNRV	117	>TP53-R249\CMGGMNRV	30076	29959
>TP53-R249\SCMGGMNR	1031	>TP53-R249\SCMGGMNR	119	912
>TP53-R249\SCMGGMNR	2519	>TP53-R249\SCMGGMNR	325	2194
>TP53-R249\SCMGGMNR	5155	>TP53-R249\SCMGGMNR	338	4817
>TP53-R249\SSCMGGMNI	192	>TP53-R249\SSCMGGMNI	31379	31187
>TP53-R249\SSCMGGMNI	56	>TP53-R249\SSCMGGMNI	25850	25794
>TP53-R249\SSCMGGMNI	361	>TP53-R249\SSCMGGMNI	35993	35632
>TP53-R249\SSCMGGMNI	10272	>TP53-R249\SSCMGGMNI	7	10265
>TP53-R249\SSCMGGMNI	22877	>TP53-R249\SSCMGGMNI	202	22675
>TP53-R249\SSCMGGMNI	460	>TP53-R249\SSCMGGMNI	11048	10588
>TP53-R267\GRNSFEVR	7479	>TP53-R267\GGNSFEVR	408	7071
>TP53-R267\GRNSFEVR	405	>TP53-R267\GGNSFEVR	23746	23341
>TP53-R267\LLGRNSFEVR	286	>TP53-R267\LLGNSFEVR	1565	1279
>TP53-R267\LLGRNSFEV	26	>TP53-R267\LLGNSFEV	15	11
>TP53-R267\LLGRNSFEVR	137	>TP53-R267\LLGNSFEVR	65	72
>TP53-R267\LLGRNSFEV	16	>TP53-R267\LLGNSFEV	6	10
>TP53-R267\LLGRNSFEVR	62	>TP53-R267\LLGNSFEVR	24	38
>TP53-R267\LLGRNSFEV	47	>TP53-R267\LLGNSFEV	26	21

>TP53-R267C LLGRNSFEVR	214	>TP53-R267C LLGGNSFEVR	134	80
>TP53-R267C LLGRNSFEV	39	>TP53-R267C LLGGNSFEV	23	16
>TP53-R267C LLGRNSFEVR	582	>TP53-R267C LLGGNSFEVR	338	244
>TP53-R267C LLGRNSFEV	2	>TP53-R267C LLGGNSFEV	2	0
>TP53-R267C LLGRNSFEVR	3	>TP53-R267C LLGGNSFEVR	2	1
>TP53-R267C LLGRNSFEV	2	>TP53-R267C LLGGNSFEV	2	0
>TP53-R267C LLGRNSFEVR	7	>TP53-R267C LLGGNSFEVR	7	0
>TP53-R267C LLGRNSFEV	5	>TP53-R267C LLGGNSFEV	4	1
>TP53-R267C LLGRNSFEVR	9	>TP53-R267C LLGGNSFEVR	7	2
>TP53-R267C LLGRNSFEV	2	>TP53-R267C LLGGNSFEV	2	0
>TP53-R267C LLGRNSFEVR	6	>TP53-R267C LLGGNSFEVR	4	2
>TP53-R267C LLGRNSFEV	2	>TP53-R267C LLGGNSFEV	1	1
>TP53-R267C LLGRNSFEVR	2	>TP53-R267C LLGGNSFEVR	2	0
>TP53-R267C LLGRNSFEVR	429	>TP53-R267C LLGGNSFEVR	229	200
>TP53-R267C LLGRNSFEV	425	>TP53-R267C LLGGNSFEV	304	121
>TP53-R267C LLGRNSFEVR	773	>TP53-R267C LLGGNSFEVR	445	328
>TP53-R267C NLLGRNSFEV	29	>TP53-R267C NLLGGNSFEV	16	13
>TP53-R267C NLLGRNSFEV	89	>TP53-R267C NLLGGNSFEV	30	59
>TP53-R267C NLLGRNSFEV	94	>TP53-R267C NLLGGNSFEV	58	36
>TP53-R267C NLLGRNSFEV	137	>TP53-R267C NLLGGNSFEV	84	53
>TP53-R267C NLLGRNSFEV	3	>TP53-R267C NLLGGNSFEV	2	1
>TP53-R267C NLLGRNSFEV	5	>TP53-R267C NLLGGNSFEV	4	1
>TP53-R267C NLLGRNSFEV	7	>TP53-R267C NLLGGNSFEV	5	2
>TP53-R267C NLLGRNSFEV	3	>TP53-R267C NLLGGNSFEV	2	1
>TP53-R267C NLLGRNSFEV	3	>TP53-R267C NLLGGNSFEV	2	1
>TP53-R267C NLLGRNSFEV	109	>TP53-R267C NLLGGNSFEV	190	81
>TP53-R267C NLLGRNSFEV	309	>TP53-R267C NLLGGNSFEV	324	15
>TP53-R267C NLLGRNSFEV	52	>TP53-R267C NLLGGNSFEV	15	37
>TP53-R267C NLLGRNSF	968	>TP53-R267C NLLGGNSF	352	616
>TP53-R267C NLLGRNSF	65	>TP53-R267C NLLGGNSF	22	43
>TP53-R267C NLLGRNSF	418	>TP53-R267C NLLGGNSF	274	144
>TP53-R267C NLLGRNSFEV	195	>TP53-R267C NLLGGNSFEV	420	225
>TP53-R267C GNLLGRNSF	525	>TP53-R267C GNLLGGNSF	270	255
>TP53-R267C SGNLLGRNSF	311	>TP53-R267C SGNLLGGNSF	251	60
>TP53-R267C SSGNLLGRNS	245	>TP53-R267C SSGNLLGGNS	140	105
>TP53-R267C SSGNLLGRNS	701	>TP53-R267C SSGNLLGGNS	461	240
>TP53-R267C SSGNLLGRNS	390	>TP53-R267C SSGNLLGGNS	179	211
>TP53-R267C SSGNLLGRNS	32	>TP53-R267C SSGNLLGGNS	29	3
>TP53-R267C SSGNLLGR	357	>TP53-R267C SSGNLLGG	17362	17005
>TP53-R267C DSSGNLLGR	68	>TP53-R267C DSSGNLLGG	34819	34751
>TP53-R267L GRNSFEVRV	22458	>TP53-R267L GLNSFEVRV	41	22417
>TP53-R267L GRNSFEVRV	15725	>TP53-R267L GLNSFEVRV	11	15714
>TP53-R267L GRNSFEVRVC	27136	>TP53-R267L GLNSFEVRVC	133	27003

>TP53-R267L GRNSFEVRV	19259	>TP53-R267L GLNSFEVRV	27	19232
>TP53-R267L GRNSFEVRV	8897	>TP53-R267L GLNSFEVRV	4	8893
>TP53-R267L GRNSFEVRVC	26954	>TP53-R267L GLNSFEVRVC	278	26676
>TP53-R267L GRNSFEVRV	20042	>TP53-R267L GLNSFEVRV	14	20028
>TP53-R267L GRNSFEVRV	15795	>TP53-R267L GLNSFEVRV	8	15787
>TP53-R267L GRNSFEVRVC	24048	>TP53-R267L GLNSFEVRVC	101	23947
>TP53-R267L GRNSFEVRV	22123	>TP53-R267L GLNSFEVRV	37	22086
>TP53-R267L GRNSFEVRV	9565	>TP53-R267L GLNSFEVRV	2	9563
>TP53-R267L GRNSFEVRVC	31920	>TP53-R267L GLNSFEVRVC	61	31859
>TP53-R267L GRNSFEVR	7479	>TP53-R267L GLNSFEVR	58	7421
>TP53-R267L GRNSFEVR	405	>TP53-R267L GLNSFEVR	19438	19033
>TP53-R267L LEDSSGNLLG	10336	>TP53-R267L LEDSSGNLLG	15	10321
>TP53-R267L LEDSSGNLLG	11392	>TP53-R267L LEDSSGNLLG	483	10909
>TP53-R267L LGRNSFEV	3827	>TP53-R267L LGLNSFEV	114	3713
>TP53-R267L LGRNSFEV	7800	>TP53-R267L LGLNSFEV	357	7443
>TP53-R267L LGRNSFEV	12366	>TP53-R267L LGLNSFEV	387	11979
>TP53-R267L LGRNSFEVR	286	>TP53-R267L LGLNSFEVR	475	189
>TP53-R267L LLGRNSFEV	26	>TP53-R267L LLGLNSFEV	28	2
>TP53-R267L LLGRNSFEVR	137	>TP53-R267L LLGLNSFEVR	146	9
>TP53-R267L LLGRNSFEV	16	>TP53-R267L LLGLNSFEV	19	3
>TP53-R267L LLGRNSFEVR	62	>TP53-R267L LLGLNSFEVR	72	10
>TP53-R267L LLGRNSFEV	47	>TP53-R267L LLGLNSFEV	100	53
>TP53-R267L LLGRNSFEVR	214	>TP53-R267L LLGLNSFEVR	340	126
>TP53-R267L LLGRNSFEV	39	>TP53-R267L LLGLNSFEV	68	29
>TP53-R267L LLGRNSFEV	2	>TP53-R267L LLGLNSFEV	3	1
>TP53-R267L LLGRNSFEVR	3	>TP53-R267L LLGLNSFEVR	5	2
>TP53-R267L LLGRNSFEV	2	>TP53-R267L LLGLNSFEV	3	1
>TP53-R267L LLGRNSFEVR	7	>TP53-R267L LLGLNSFEVR	10	3
>TP53-R267L LLGRNSFEV	5	>TP53-R267L LLGLNSFEV	6	1
>TP53-R267L LLGRNSFEVR	9	>TP53-R267L LLGLNSFEVR	11	2
>TP53-R267L LLGRNSFEV	2	>TP53-R267L LLGLNSFEV	2	0
>TP53-R267L LLGRNSFEVR	6	>TP53-R267L LLGLNSFEVR	5	1
>TP53-R267L LLGRNSFEV	2	>TP53-R267L LLGLNSFEV	2	0
>TP53-R267L LLGRNSFEVR	2	>TP53-R267L LLGLNSFEVR	2	0
>TP53-R267L LLGRNSFEVR	429	>TP53-R267L LLGLNSFEVR	321	108
>TP53-R267L LLGRNSFEV	425	>TP53-R267L LLGLNSFEV	563	138
>TP53-R267L LLGRNSFEVR	773	>TP53-R267L LLGLNSFEVR	495	278
>TP53-R267L NLLGRNSFEV	29	>TP53-R267L NLLGLNSFEV	17	12
>TP53-R267L NLLGRNSFEV	89	>TP53-R267L NLLGLNSFEV	41	48
>TP53-R267L NLLGRNSFEV	94	>TP53-R267L NLLGLNSFEV	53	41
>TP53-R267L NLLGRNSFEV	137	>TP53-R267L NLLGLNSFEV	51	86
>TP53-R267L NLLGRNSFEV	3	>TP53-R267L NLLGLNSFEV	3	0
>TP53-R267L NLLGRNSFEV	5	>TP53-R267L NLLGLNSFEV	5	0

>TP53-R267L NLLGRNSFEV	7	>TP53-R267L NLLGLNSFEV	6	1
>TP53-R267L NLLGRNSFEV	3	>TP53-R267L NLLGLNSFEV	2	1
>TP53-R267L NLLGRNSFEV	3	>TP53-R267L NLLGLNSFEV	3	0
>TP53-R267L NLLGRNSF	826	>TP53-R267L NLLGLNSF	401	425
>TP53-R267L NLLGRNSFEV	109	>TP53-R267L NLLGLNSFEV	158	49
>TP53-R267L NLLGRNSFEV	309	>TP53-R267L NLLGLNSFEV	228	81
>TP53-R267L NLLGRNSFEV	52	>TP53-R267L NLLGLNSFEV	20	32
>TP53-R267L NLLGRNSF	65	>TP53-R267L NLLGLNSF	95	30
>TP53-R267L NLLGRNSF	418	>TP53-R267L NLLGLNSF	449	31
>TP53-R267L NLLGRNSFEV	195	>TP53-R267L NLLGLNSFEV	130	65
>TP53-R267L GNLLGRNSF	525	>TP53-R267L GNLLGLNSF	394	131
>TP53-R267L SGNLLGRNSF	311	>TP53-R267L SGNLLGLNSF	172	139
>TP53-R267L SSGNLLGRNS	245	>TP53-R267L SSGNLLGLNS	216	29
>TP53-R267L SSGNLLGR	19270	>TP53-R267L SSGNLLGL	424	18846
>TP53-R267L SSGNLLGRNS	390	>TP53-R267L SSGNLLGLNS	234	156
>TP53-R267L SSGNLLGRNS	32	>TP53-R267L SSGNLLGLNS	22	10
>TP53-R267L SSGNLLGR	357	>TP53-R267L SSGNLLGL	8033	7676
>TP53-R267L DSSGNLLGR	68	>TP53-R267L DSSGNLLGL	26620	26552
>TP53-R267F GRNSFEVR	405	>TP53-R267F GPNSFEVR	24797	24392
>TP53-R267F LGRNSFEVR	286	>TP53-R267F LGPNSFEVR	3321	3035
>TP53-R267F LLGRNSFEV	26	>TP53-R267F LLGPNSFEV	14	12
>TP53-R267F LLGRNSFEVR'	137	>TP53-R267F LLGPNSFEVR'	60	77
>TP53-R267F LLGRNSFEV	16	>TP53-R267F LLGPNSFEV	6	10
>TP53-R267F LLGRNSFEVR'	62	>TP53-R267F LLGPNSFEVR'	22	40
>TP53-R267F LLGRNSFEV	47	>TP53-R267F LLGPNSFEV	18	29
>TP53-R267F LLGRNSFEVR'	214	>TP53-R267F LLGPNSFEVR'	96	118
>TP53-R267F LLGRNSFEV	39	>TP53-R267F LLGPNSFEV	10	29
>TP53-R267F LLGRNSFEVR'	582	>TP53-R267F LLGPNSFEVR'	173	409
>TP53-R267F LLGRNSFEV	2	>TP53-R267F LLGPNSFEV	2	0
>TP53-R267F LLGRNSFEVR'	3	>TP53-R267F LLGPNSFEVR'	3	0
>TP53-R267F LLGRNSFEV	2	>TP53-R267F LLGPNSFEV	2	0
>TP53-R267F LLGRNSFEVR'	7	>TP53-R267F LLGPNSFEVR'	6	1
>TP53-R267F LLGRNSFEV	5	>TP53-R267F LLGPNSFEV	4	1
>TP53-R267F LLGRNSFEVR'	9	>TP53-R267F LLGPNSFEVR'	7	2
>TP53-R267F LLGRNSFEV	2	>TP53-R267F LLGPNSFEV	2	0
>TP53-R267F LLGRNSFEVR'	6	>TP53-R267F LLGPNSFEVR'	4	2
>TP53-R267F LLGRNSFEV	2	>TP53-R267F LLGPNSFEV	1	1
>TP53-R267F LLGRNSFEVR'	2	>TP53-R267F LLGPNSFEVR'	2	0
>TP53-R267F LLGRNSFEVR	429	>TP53-R267F LLGPNSFEVR	425	4
>TP53-R267F LLGRNSFEV	425	>TP53-R267F LLGPNSFEV	227	198
>TP53-R267F LLGRNSFEVR	773	>TP53-R267F LLGPNSFEVR	488	285
>TP53-R267F NLLGRNSFEV	29	>TP53-R267F NLLGPNSFEV	27	2
>TP53-R267F NLLGRNSFEV	89	>TP53-R267F NLLGPNSFEV	61	28

>TP53-R267F NLLGRNSFEV	94	>TP53-R267F NLLGPNSFEV	57	37
>TP53-R267F NLLGRNSFEV	137	>TP53-R267F NLLGPNSFEV	71	66
>TP53-R267F NLLGRNSFEV	3	>TP53-R267F NLLGPNSFEV	2	1
>TP53-R267F NLLGRNSFEV	5	>TP53-R267F NLLGPNSFEV	5	0
>TP53-R267F NLLGRNSFEV	7	>TP53-R267F NLLGPNSFEV	6	1
>TP53-R267F NLLGRNSFEV	3	>TP53-R267F NLLGPNSFEV	3	0
>TP53-R267F NLLGRNSFEV	3	>TP53-R267F NLLGPNSFEV	3	0
>TP53-R267F NLLGRNSFEV	109	>TP53-R267F NLLGPNSFEV	218	109
>TP53-R267F NLLGRNSFEV	309	>TP53-R267F NLLGPNSFEV	289	20
>TP53-R267F NLLGRNSFEV	52	>TP53-R267F NLLGPNSFEV	10	42
>TP53-R267F NLLGRNSF	65	>TP53-R267F NLLGPNSF	35	30
>TP53-R267F NLLGRNSF	418	>TP53-R267F NLLGPNSF	212	206
>TP53-R267F NLLGRNSFEV	195	>TP53-R267F NLLGPNSFEV	282	87
>TP53-R267F SGNLLGRNSF	311	>TP53-R267F SGNLLGPNSF	72	239
>TP53-R267F SSGNLLGRNS	974	>TP53-R267F SSGNLLGPNS	479	495
>TP53-R267F SSGNLLGRNS	245	>TP53-R267F SSGNLLGPNS	221	24
>TP53-R267F SSGNLLGRNS	701	>TP53-R267F SSGNLLGPNS	458	243
>TP53-R267F SSGNLLGRNS	390	>TP53-R267F SSGNLLGPNS	220	170
>TP53-R267F SSGNLLGRNS	32	>TP53-R267F SSGNLLGPNS	52	20
>TP53-R267F SSGNLLGR	357	>TP53-R267F SSGNLLGP	15905	15548
>TP53-R267F DSSGNLLGR	68	>TP53-R267F DSSGNLLGP	33902	33834
>TP53-R267C GRNSFEVRV	15725	>TP53-R267C GQNSFEVRV	494	15231
>TP53-R267C GRNSFEVRV	8897	>TP53-R267C GQNSFEVRV	171	8726
>TP53-R267C GRNSFEVR	7479	>TP53-R267C GQNSFEVR	42	7437
>TP53-R267C GRNSFEVR	405	>TP53-R267C GQNSFEVR	6999	6594
>TP53-R267C LGRNSFEVR	286	>TP53-R267C LGQNSFEVR	597	311
>TP53-R267C LLGRNSFEV	26	>TP53-R267C LLGQNSFEV	20	6
>TP53-R267C LLGRNSFEVR	137	>TP53-R267C LLGQNSFEVR	99	38
>TP53-R267C LLGRNSFEV	16	>TP53-R267C LLGQNSFEV	12	4
>TP53-R267C LLGRNSFEVR	62	>TP53-R267C LLGQNSFEVR	45	17
>TP53-R267C LLGRNSFEV	47	>TP53-R267C LLGQNSFEV	44	3
>TP53-R267C LLGRNSFEVR	214	>TP53-R267C LLGQNSFEVR	204	10
>TP53-R267C LLGRNSFEV	39	>TP53-R267C LLGQNSFEV	30	9
>TP53-R267C LLGRNSFEVR	582	>TP53-R267C LLGQNSFEVR	479	103
>TP53-R267C LLGRNSFEV	2	>TP53-R267C LLGQNSFEV	2	0
>TP53-R267C LLGRNSFEVR	3	>TP53-R267C LLGQNSFEVR	3	0
>TP53-R267C LLGRNSFEV	2	>TP53-R267C LLGQNSFEV	2	0
>TP53-R267C LLGRNSFEVR	7	>TP53-R267C LLGQNSFEVR	9	2
>TP53-R267C LLGRNSFEV	5	>TP53-R267C LLGQNSFEV	5	0
>TP53-R267C LLGRNSFEVR	9	>TP53-R267C LLGQNSFEVR	7	2
>TP53-R267C LLGRNSFEV	2	>TP53-R267C LLGQNSFEV	2	0
>TP53-R267C LLGRNSFEVR	6	>TP53-R267C LLGQNSFEVR	5	1
>TP53-R267C LLGRNSFEV	2	>TP53-R267C LLGQNSFEV	1	1

>TP53-R267C LLGRNSFEVR	2	>TP53-R267C LLGQNSFEVR	2	0
>TP53-R267C LLGRNSFEVR	429	>TP53-R267C LLGQNSFEVR	559	130
>TP53-R267C LLGRNSFEV	425	>TP53-R267C LLGQNSFEV	263	162
>TP53-R267C LLGRNSFEVR	773	>TP53-R267C LLGQNSFEVR	357	416
>TP53-R267C NLLGRNSFEV	29	>TP53-R267C NLLGQNSFEV	24	5
>TP53-R267C NLLGRNSFEV	89	>TP53-R267C NLLGQNSFEV	83	6
>TP53-R267C NLLGRNSFEV	94	>TP53-R267C NLLGQNSFEV	81	13
>TP53-R267C NLLGRNSFEV	137	>TP53-R267C NLLGQNSFEV	98	39
>TP53-R267C NLLGRNSFEV	3	>TP53-R267C NLLGQNSFEV	3	0
>TP53-R267C NLLGRNSFEV	5	>TP53-R267C NLLGQNSFEV	4	1
>TP53-R267C NLLGRNSFEV	7	>TP53-R267C NLLGQNSFEV	6	1
>TP53-R267C NLLGRNSFEV	3	>TP53-R267C NLLGQNSFEV	3	0
>TP53-R267C NLLGRNSFEV	3	>TP53-R267C NLLGQNSFEV	3	0
>TP53-R267C NLLGRNSFEV	109	>TP53-R267C NLLGQNSFEV	288	179
>TP53-R267C NLLGRNSFEV	309	>TP53-R267C NLLGQNSFEV	395	86
>TP53-R267C NLLGRNSFEV	52	>TP53-R267C NLLGQNSFEV	27	25
>TP53-R267C NLLGRNSF	65	>TP53-R267C NLLGQNSF	63	2
>TP53-R267C NLLGRNSF	418	>TP53-R267C NLLGQNSF	376	42
>TP53-R267C NLLGRNSFEV	195	>TP53-R267C NLLGQNSFEV	174	21
>TP53-R267C SGNLLGRNSF	311	>TP53-R267C SGNLLGQNSF	137	174
>TP53-R267C SSGNLLGRNS	245	>TP53-R267C SSGNLLGQNS	232	13
>TP53-R267C SSGNLLGRNS	390	>TP53-R267C SSGNLLGQNS	266	124
>TP53-R267C SSGNLLGRNS	32	>TP53-R267C SSGNLLGQNS	35	3
>TP53-R267C SSGNLLGR	357	>TP53-R267C SSGNLLGQ	5321	4964
>TP53-R267C DSSGNLLGR	68	>TP53-R267C DSSGNLLGQ	11480	11412
>TP53-R267V GRNSFEVR	7479	>TP53-R267V GWNSFEVR	154	7325
>TP53-R267V GRNSFEVR	405	>TP53-R267V GWNSFEVR	17305	16900
>TP53-R267V GRNSFEVR	4432	>TP53-R267V GWNSFEVR	56	4376
>TP53-R267V LEDSSGNLLG	10576	>TP53-R267V LEDSSGNLLG	159	10417
>TP53-R267V LEDSSGNLLG	9927	>TP53-R267V LEDSSGNLLG	91	9836
>TP53-R267V LGRNSFEV	3827	>TP53-R267V LGWNSFEV	171	3656
>TP53-R267V LGRNSFEV	7800	>TP53-R267V LGWNSFEV	128	7672
>TP53-R267V LGRNSFEVRV	12048	>TP53-R267V LGWNSFEVR'	446	11602
>TP53-R267V LGRNSFEV	12366	>TP53-R267V LGWNSFEV	151	12215
>TP53-R267V LGRNSFEV	3319	>TP53-R267V LGWNSFEV	202	3117
>TP53-R267V LGRNSFEVR	286	>TP53-R267V LGWNSFEVR	128	158
>TP53-R267V LGRNSFEVR	3056	>TP53-R267V LGWNSFEVR	319	2737
>TP53-R267V LLGRNSFEV	26	>TP53-R267V LLGWNSFEV	12	14
>TP53-R267V LLGRNSFEVR	137	>TP53-R267V LLGWNSFEVF	45	92
>TP53-R267V LLGRNSFEV	16	>TP53-R267V LLGWNSFEV	9	7
>TP53-R267V LLGRNSFEVR	62	>TP53-R267V LLGWNSFEVF	35	27
>TP53-R267V LLGRNSFEV	47	>TP53-R267V LLGWNSFEV	25	22
>TP53-R267V LLGRNSFEVR	214	>TP53-R267V LLGWNSFEVF	120	94



>TP53-R267V LLGRNSFEV	39	>TP53-R267V LLGWNSFEV	20	19
>TP53-R267V LLGRNSFEVR	582	>TP53-R267V LLGWNSFEVF	277	305
>TP53-R267V LLGRNSFEV	2	>TP53-R267V LLGWNSFEV	1	1
>TP53-R267V LLGRNSFEVR	3	>TP53-R267V LLGWNSFEVF	2	1
>TP53-R267V LLGRNSFEV	2	>TP53-R267V LLGWNSFEV	3	1
>TP53-R267V LLGRNSFEVR	7	>TP53-R267V LLGWNSFEVF	9	2
>TP53-R267V LLGRNSFEV	5	>TP53-R267V LLGWNSFEV	4	1
>TP53-R267V LLGRNSFEVR	9	>TP53-R267V LLGWNSFEVF	6	3
>TP53-R267V LLGRNSFEV	2	>TP53-R267V LLGWNSFEV	2	0
>TP53-R267V LLGRNSFEVR	6	>TP53-R267V LLGWNSFEVF	3	3
>TP53-R267V LLGRNSFEV	2	>TP53-R267V LLGWNSFEV	1	1
>TP53-R267V LLGRNSFEVR	2	>TP53-R267V LLGWNSFEVF	2	0
>TP53-R267V LLGRNSFEVR	429	>TP53-R267V LLGWNSFEVF	195	234
>TP53-R267V LLGRNSFEV	425	>TP53-R267V LLGWNSFEV	89	336
>TP53-R267V LLGRNSFEVR	773	>TP53-R267V LLGWNSFEVF	248	525
>TP53-R267V NLLGRNSFEV	29	>TP53-R267V NLLGWNSFEV	11	18
>TP53-R267V NLLGRNSFEV	89	>TP53-R267V NLLGWNSFEV	21	68
>TP53-R267V NLLGRNSFEV	94	>TP53-R267V NLLGWNSFEV	27	67
>TP53-R267V NLLGRNSFEV	137	>TP53-R267V NLLGWNSFEV	40	97
>TP53-R267V NLLGRNSFEV	3	>TP53-R267V NLLGWNSFEV	2	1
>TP53-R267V NLLGRNSFEV	5	>TP53-R267V NLLGWNSFEV	3	2
>TP53-R267V NLLGRNSFEV	7	>TP53-R267V NLLGWNSFEV	4	3
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>TP53-R267V NLLGRNSFEV	3	>TP53-R267V NLLGWNSFEV	2	1
>TP53-R267V NLLGRNSFEV	502	>TP53-R267V NLLGWNSFEV	461	41
>TP53-R267V NLLGRNSFEV	109	>TP53-R267V NLLGWNSFEV	73	36
>TP53-R267V NLLGRNSFEV	309	>TP53-R267V NLLGWNSFEV	208	101
>TP53-R267V NLLGRNSFEV	52	>TP53-R267V NLLGWNSFEV	7	45
>TP53-R267V NLLGRNSF	968	>TP53-R267V NLLGWNSF	427	541
>TP53-R267V NLLGRNSF	65	>TP53-R267V NLLGWNSF	51	14
>TP53-R267V NLLGRNSF	418	>TP53-R267V NLLGWNSF	382	36
>TP53-R267V NLLGRNSFEV	195	>TP53-R267V NLLGWNSFEV	151	44
>TP53-R267V SGNLLGRNSF	311	>TP53-R267V SGNLLGWNS	262	49
>TP53-R267V SSGNLLGRNS	245	>TP53-R267V SSGNLLGWN	224	21
>TP53-R267V SSGNLLGR	19270	>TP53-R267V SSGNLLGW	41	19229
>TP53-R267V SSGNLLGRNS	390	>TP53-R267V SSGNLLGWN	239	151
>TP53-R267V SSGNLLGR	25923	>TP53-R267V SSGNLLGW	384	25539
>TP53-R267V SSGNLLGR	22238	>TP53-R267V SSGNLLGW	69	22169
>TP53-R267V SSGNLLGRNS	32	>TP53-R267V SSGNLLGWN	28	4
>TP53-R267V SSGNLLGR	357	>TP53-R267V SSGNLLGW	11292	10935
>TP53-R267V DSSGNLLGR	68	>TP53-R267V DSSGNLLGW	25628	25560
>TP53-R267V DSSGNLLGR	15814	>TP53-R267V DSSGNLLGW	48	15766
>TP53-R267V DSSGNLLGR	25638	>TP53-R267V DSSGNLLGW	400	25238

>TP53-R267V DSSGNLLGR	22293	>TP53-R267V DSSGNLLGW	356	21937
>TP53-R273C RVCACPGR	367	>TP53-R273C CVCACPGR	1456	1089
>TP53-R273C RVCACPGRDI	435	>TP53-R273C CVCACPGRDI	1994	1559
>TP53-R273C RVCACPGR	40	>TP53-R273C CVCACPGR	710	670
>TP53-R273C RVCACPGRDI	37	>TP53-R273C CVCACPGRDI	225	188
>TP53-R273C RVCACPGRDI	33	>TP53-R273C CVCACPGRDI	540	507
>TP53-R273C RVCACPGR	481	>TP53-R273C CVCACPGR	143	338
>TP53-R273C RVCACPGRDI	584	>TP53-R273C CVCACPGRDI	179	405
>TP53-R273C RVCACPGRDI	297	>TP53-R273C CVCACPGRDI	1467	1170
>TP53-R273C RVCACPGR	66	>TP53-R273C CVCACPGR	187	121
>TP53-R273C RVCACPGRDI	255	>TP53-R273C CVCACPGRDI	933	678
>TP53-R273C RVCACPGRDI	109	>TP53-R273C CVCACPGRDI	380	271
>TP53-R273C NLLGRNSFEV	13723	>TP53-R273C NLLGRNSFEV	405	13318
>TP53-R273C NLLGRNSFEV	109	>TP53-R273C NLLGRNSFEV	29786	29677
>TP53-R273C NLLGRNSFEV	309	>TP53-R273C NLLGRNSFEV	40311	40002
>TP53-R273C NLLGRNSFEV	195	>TP53-R273C NLLGRNSFEV	36164	35969
>TP53-R273C EVRVCACPGF	329	>TP53-R273C EVCVCACPGF	167	162
>TP53-R273C EVRVCACPGF	70	>TP53-R273C EVCVCACPGF	32	38
>TP53-R273C EVRVCACPGF	744	>TP53-R273C EVCVCACPGF	373	371
>TP53-R273C FEVRVCAC	822	>TP53-R273C FEVCVCAC	485	337
>TP53-R273C FEVRVCACPC	370	>TP53-R273C FEVCVCACPC	283	87
>TP53-R273C NSFVVRVCA	21	>TP53-R273C NSFVVCVCA	43	22
>TP53-R273C GRNSFEVR	405	>TP53-R273C GRNSFEVC	8740	8335
>TP53-R273C LGRNSFEVR	286	>TP53-R273C LGRNSFEVC	22188	21902
>TP53-R273C LLGRNSFEVR	137	>TP53-R273C LLGRNSFEVC	153	16
>TP53-R273C LLGRNSFEVR	62	>TP53-R273C LLGRNSFEVC	75	13
>TP53-R273C LLGRNSFEVR	214	>TP53-R273C LLGRNSFEVC	609	395
>TP53-R273C LLGRNSFEVR	11008	>TP53-R273C LLGRNSFEVC	169	10839
>TP53-R273C LLGRNSFEVR	3	>TP53-R273C LLGRNSFEVC	6	3
>TP53-R273C LLGRNSFEVR	17155	>TP53-R273C LLGRNSFEVC	361	16794
>TP53-R273C LLGRNSFEVR	7	>TP53-R273C LLGRNSFEVC	5	2
>TP53-R273C LLGRNSFEVR	9	>TP53-R273C LLGRNSFEVC	8	1
>TP53-R273C LLGRNSFEVR	6	>TP53-R273C LLGRNSFEVC	5	1
>TP53-R273C LLGRNSFEVR	6142	>TP53-R273C LLGRNSFEVC	46	6096
>TP53-R273C LLGRNSFEVR	2	>TP53-R273C LLGRNSFEVC	3	1
>TP53-R273C LLGRNSFEVR	429	>TP53-R273C LLGRNSFEVC	31655	31226
>TP53-R273C RVCACPGR	367	>TP53-R273C GVCACPGR	628	261
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>TP53-R273C RVCACPGRDI	37	>TP53-R273C GVCACPGRDI	586	549
>TP53-R273C RVCACPGRDI	33	>TP53-R273C GVCACPGRDI	424	391
>TP53-R273C RVCACPGR	481	>TP53-R273C GVCACPGR	602	121
>TP53-R273C RVCACPGRDI	297	>TP53-R273C GVCACPGRDI	2682	2385

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>TP53-R273C RVCACPGRDI	255	>TP53-R273C GVCACPGRDI	5363	5108
>TP53-R273C RVCACPGRDI	109	>TP53-R273C GVCACPGRDI	2622	2513
>TP53-R273C NLLGRNSFEV	109	>TP53-R273C NLLGRNSFEV	27515	27406
>TP53-R273C NLLGRNSFEV	309	>TP53-R273C NLLGRNSFEV	38595	38286
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>TP53-R273C EVRVCACPGF	329	>TP53-R273C EVGVCACPGI	849	520
>TP53-R273C EVRVCACPGF	70	>TP53-R273C EVGVCACPGI	68	2
>TP53-R273C EVRVCACPGF	744	>TP53-R273C EVGVCACPGI	376	368
>TP53-R273C FEVRVCACPC	370	>TP53-R273C FEVGVACPC	311	59
>TP53-R273C FEVRVCAC	1153	>TP53-R273C FEVGVAC	269	884
>TP53-R273C NSFVVRVCA	21	>TP53-R273C NSFVGVCA	118	97
>TP53-R273C GRNSFEVR	405	>TP53-R273C GRNSFEVG	9687	9282
>TP53-R273C GRNSFEVRV	631	>TP53-R273C GRNSFEVGV	450	181
>TP53-R273C LGRNSFEVR	286	>TP53-R273C LGRNSFEVG	22408	22122
>TP53-R273C LLGRNSFEVR	137	>TP53-R273C LLGRNSFEVG	126	11
>TP53-R273C LLGRNSFEVR	62	>TP53-R273C LLGRNSFEVG	42	20
>TP53-R273C LLGRNSFEVR	214	>TP53-R273C LLGRNSFEVG	110	104
>TP53-R273C LLGRNSFEVR	582	>TP53-R273C LLGRNSFEVG	174	408
>TP53-R273C LLGRNSFEVR	3	>TP53-R273C LLGRNSFEVG	3	0
>TP53-R273C LLGRNSFEVR	7	>TP53-R273C LLGRNSFEVG	4	3
>TP53-R273C LLGRNSFEVR	9	>TP53-R273C LLGRNSFEVG	6	3
>TP53-R273C LLGRNSFEVR	6	>TP53-R273C LLGRNSFEVG	3	3
>TP53-R273C LLGRNSFEVR	2	>TP53-R273C LLGRNSFEVG	2	0
>TP53-R273C LLGRNSFEVR	429	>TP53-R273C LLGRNSFEVG	34307	33878
>TP53-R273F RVCACPGR	367	>TP53-R273F HVCACPGR	2138	1771
>TP53-R273F RVCACPGRDI	435	>TP53-R273F HVCACPGRDI	2434	1999
>TP53-R273F RVCACPGR	40	>TP53-R273F HVCACPGR	123	83
>TP53-R273F RVCACPGRDI	37	>TP53-R273F HVCACPGRDI	219	182
>TP53-R273F RVCACPGRDI	33	>TP53-R273F HVCACPGRDI	95	62
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>TP53-R273F RVCACPGRDI	4416	>TP53-R273F HVCACPGRDI	223	4193
>TP53-R273F RVCACPGR	481	>TP53-R273F HVCACPGR	38	443
>TP53-R273F RVCACPGRDI	1118	>TP53-R273F HVCACPGRDI	140	978
>TP53-R273F RVCACPGRDI	584	>TP53-R273F HVCACPGRDI	45	539
>TP53-R273F RVCACPGRDI	297	>TP53-R273F HVCACPGRDI	1366	1069
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>TP53-R273F RVCACPGRDI	255	>TP53-R273F HVCACPGRDI	320	65
>TP53-R273F RVCACPGRDI	109	>TP53-R273F HVCACPGRDI	136	27
>TP53-R273F NLLGRNSFEV	109	>TP53-R273F NLLGRNSFEV	17310	17201
>TP53-R273F NLLGRNSFEV	309	>TP53-R273F NLLGRNSFEV	20978	20669
>TP53-R273F NLLGRNSFEV	195	>TP53-R273F NLLGRNSFEV	29327	29132
>TP53-R273F EVRVCACPGF	329	>TP53-R273F EVHVCACPGI	384	55

>TP53-R273F EVRVCACPGF	70	>TP53-R273F EVHVCACPGI	33	37
>TP53-R273F EVRVCACPGF	744	>TP53-R273F EVHVCACPGI	378	366
>TP53-R273F FEVRVCAC	822	>TP53-R273F FEVHVCAC	439	383
>TP53-R273F FEVRVCACPC	370	>TP53-R273F FEVHVCACPC	377	7
>TP53-R273F NSFVVRVCA	21	>TP53-R273F NSFVHVCA	34	13
>TP53-R273F GRNSFEVR	405	>TP53-R273F GRNSFEVH	1017	612
>TP53-R273F GRNSFEVRV	631	>TP53-R273F GRNSFEVHV	443	188
>TP53-R273F LGRNSFEVR	286	>TP53-R273F LGRNSFEVH	15088	14802
>TP53-R273F LGRNSFEVR	5777	>TP53-R273F LGRNSFEVH	455	5322
>TP53-R273F LLGRNSFEVR	137	>TP53-R273F LLGRNSFEVH	140	3
>TP53-R273F LLGRNSFEVR	62	>TP53-R273F LLGRNSFEVH	48	14
>TP53-R273F LLGRNSFEVR	214	>TP53-R273F LLGRNSFEVH	156	58
>TP53-R273F LLGRNSFEVR	582	>TP53-R273F LLGRNSFEVH	187	395
>TP53-R273F LLGRNSFEVR	3	>TP53-R273F LLGRNSFEVH	4	1
>TP53-R273F LLGRNSFEVR	7	>TP53-R273F LLGRNSFEVH	4	3
>TP53-R273F LLGRNSFEVR	9	>TP53-R273F LLGRNSFEVH	7	2
>TP53-R273F LLGRNSFEVR	6	>TP53-R273F LLGRNSFEVH	8	2
>TP53-R273F LLGRNSFEVR	2	>TP53-R273F LLGRNSFEVH	2	0
>TP53-R273F LLGRNSFEVR	429	>TP53-R273F LLGRNSFEVH	20448	20019
>TP53-R273L RVCACPGR	367	>TP53-R273L LVCACPGR	1683	1316
>TP53-R273L RVCACPGRDI	435	>TP53-R273L LVCACPGRDF	2185	1750
>TP53-R273L RVCACPGR	40	>TP53-R273L LVCACPGR	392	352
>TP53-R273L RVCACPGRDI	37	>TP53-R273L LVCACPGRDF	168	131
>TP53-R273L RVCACPGRDI	33	>TP53-R273L LVCACPGRDF	295	262
>TP53-R273L RVCACPGR	481	>TP53-R273L LVCACPGR	141	340
>TP53-R273L RVCACPGRDI	584	>TP53-R273L LVCACPGRDF	179	405
>TP53-R273L RVCACPGRDI	297	>TP53-R273L LVCACPGRDF	3199	2902
>TP53-R273L RVCACPGR	66	>TP53-R273L LVCACPGR	353	287
>TP53-R273L RVCACPGRDI	255	>TP53-R273L LVCACPGRDF	1776	1521
>TP53-R273L RVCACPGRDI	109	>TP53-R273L LVCACPGRDF	779	670
>TP53-R273L VRVCACPGR	7994	>TP53-R273L VLVCACPGR	494	7500
>TP53-R273L NLLGRNSFEV	14526	>TP53-R273L NLLGRNSFEV	112	14414
>TP53-R273L NLLGRNSFEV	19770	>TP53-R273L NLLGRNSFEV	295	19475
>TP53-R273L NLLGRNSFEV	13723	>TP53-R273L NLLGRNSFEV	43	13680
>TP53-R273L NLLGRNSFEV	22238	>TP53-R273L NLLGRNSFEV	87	22151
>TP53-R273L NLLGRNSFEV	20142	>TP53-R273L NLLGRNSFEV	171	19971
>TP53-R273L NLLGRNSFEV	18956	>TP53-R273L NLLGRNSFEV	46	18910
>TP53-R273L NLLGRNSFEV	15646	>TP53-R273L NLLGRNSFEV	26	15620
>TP53-R273L NLLGRNSFEV	109	>TP53-R273L NLLGRNSFEV	15377	15268
>TP53-R273L NLLGRNSFEV	309	>TP53-R273L NLLGRNSFEV	31760	31451
>TP53-R273L NLLGRNSFEV	12572	>TP53-R273L NLLGRNSFEV	213	12359
>TP53-R273L NLLGRNSFEV	195	>TP53-R273L NLLGRNSFEV	32072	31877
>TP53-R273L EVRVCACPGF	329	>TP53-R273L EVLVCACPGF	299	30

>TP53-R273L EVRVCACPGF	70	>TP53-R273L EVLVCACPGF	35	35
>TP53-R273L EVRVCACPGF	744	>TP53-R273L EVLVCACPGF	252	492
>TP53-R273L FEVRVCAC	822	>TP53-R273L FEVLVCAC	140	682
>TP53-R273L FEVRVCACPG	370	>TP53-R273L FEVLVCACPG	459	89
>TP53-R273L NSFVLRVCA	21	>TP53-R273L NSFVLRVCA	30	9
>TP53-R273L GRNSFEVR	405	>TP53-R273L GRNSFEVL	274	131
>TP53-R273L GRNSFEVRV	631	>TP53-R273L GRNSFEVLV	424	207
>TP53-R273L GRNSFEVRV	1117	>TP53-R273L GRNSFEVLV	360	757
>TP53-R273L LGRNSFEVR	286	>TP53-R273L LGRNSFEVL	17366	17080
>TP53-R273L LGRNSFEVR	11974	>TP53-R273L LGRNSFEVL	330	11644
>TP53-R273L LGRNSFEVR	2836	>TP53-R273L LGRNSFEVL	267	2569
>TP53-R273L LGRNSFEVR	5777	>TP53-R273L LGRNSFEVL	206	5571
>TP53-R273L LLGRNSFEVR	137	>TP53-R273L LLGRNSFEVL	74	63
>TP53-R273L LLGRNSFEVR	12989	>TP53-R273L LLGRNSFEVL	122	12867
>TP53-R273L LLGRNSFEVR	62	>TP53-R273L LLGRNSFEVL	27	35
>TP53-R273L LLGRNSFEVR	12019	>TP53-R273L LLGRNSFEVL	182	11837
>TP53-R273L LLGRNSFEVR	214	>TP53-R273L LLGRNSFEVL	127	87
>TP53-R273L LLGRNSFEVR	582	>TP53-R273L LLGRNSFEVL	259	323
>TP53-R273L LLGRNSFEVR	11008	>TP53-R273L LLGRNSFEVL	20	10988
>TP53-R273L LLGRNSFEVR	3	>TP53-R273L LLGRNSFEVL	4	1
>TP53-R273L LLGRNSFEVR	17155	>TP53-R273L LLGRNSFEVL	15	17140
>TP53-R273L LLGRNSFEVR	7	>TP53-R273L LLGRNSFEVL	6	1
>TP53-R273L LLGRNSFEVR	20012	>TP53-R273L LLGRNSFEVL	113	19899
>TP53-R273L LLGRNSFEVR	9	>TP53-R273L LLGRNSFEVL	8	1
>TP53-R273L LLGRNSFEVR	23501	>TP53-R273L LLGRNSFEVL	39	23462
>TP53-R273L LLGRNSFEVR	6	>TP53-R273L LLGRNSFEVL	8	2
>TP53-R273L LLGRNSFEVR	6142	>TP53-R273L LLGRNSFEVL	6	6136
>TP53-R273L LLGRNSFEVR	2	>TP53-R273L LLGRNSFEVL	2	0
>TP53-R273L LLGRNSFEVR	429	>TP53-R273L LLGRNSFEVL	23647	23218
>TP53-R273L LLGRNSFEVR	10464	>TP53-R273L LLGRNSFEVL	276	10188
>TP53-R273F RVCACPGR	367	>TP53-R273F PVCACPGR	11370	11003
>TP53-R273F RVCACPGRDI	435	>TP53-R273F PVCACPGRDI	12559	12124
>TP53-R273F RVCACPGR	40	>TP53-R273F PVCACPGR	4740	4700
>TP53-R273F RVCACPGRDI	37	>TP53-R273F PVCACPGRDI	1922	1885
>TP53-R273F RVCACPGRDI	33	>TP53-R273F PVCACPGRDI	3916	3883
>TP53-R273F RVCACPGR	481	>TP53-R273F PVCACPGR	3059	2578
>TP53-R273F RVCACPGRDI	297	>TP53-R273F PVCACPGRDI	5646	5349
>TP53-R273F RVCACPGR	66	>TP53-R273F PVCACPGR	596	530
>TP53-R273F RVCACPGRDI	255	>TP53-R273F PVCACPGRDI	3234	2979
>TP53-R273F RVCACPGRDI	109	>TP53-R273F PVCACPGRDI	1623	1514
>TP53-R273F VRVCACPG	25377	>TP53-R273F VPVCACPG	353	25024
>TP53-R273F VRVCACPG	28174	>TP53-R273F VPVCACPG	341	27833
>TP53-R273F NLLGRNSFEV	109	>TP53-R273F NLLGRNSFEV	28801	28692

>TP53-R273F NLLGRNSFEV	309	>TP53-R273F NLLGRNSFEV	37363	37054
>TP53-R273F NLLGRNSFEV	195	>TP53-R273F NLLGRNSFEV	34997	34802
>TP53-R273F EVRVCACPGF	329	>TP53-R273F EVPVCACPGF	647	318
>TP53-R273F EVRVCACPGF	70	>TP53-R273F EVPVCACPGF	18	52
>TP53-R273F EVRVCACPGF	744	>TP53-R273F EVPVCACPGF	429	315
>TP53-R273F FEVRVCACPC	370	>TP53-R273F FEVPVCACPC	355	15
>TP53-R273F NSFVVRVCA	21	>TP53-R273F NSFVVPVCA	39	18
>TP53-R273F GRNSFEVRV	1849	>TP53-R273F GRNSFEVPV	401	1448
>TP53-R273F GRNSFEVR	405	>TP53-R273F GRNSFEVP	7306	6901
>TP53-R273F GRNSFEVRV	631	>TP53-R273F GRNSFEVPV	348	283
>TP53-R273F LGRNSFEVR	286	>TP53-R273F LGRNSFEVP	23532	23246
>TP53-R273F LGRNSFEVRV	2611	>TP53-R273F LGRNSFEVPV	431	2180
>TP53-R273F LLGRNSFEVR'	137	>TP53-R273F LLGRNSFEVP'	59	78
>TP53-R273F LLGRNSFEVR'	62	>TP53-R273F LLGRNSFEVP'	31	31
>TP53-R273F LLGRNSFEVR'	214	>TP53-R273F LLGRNSFEVP'	62	152
>TP53-R273F LLGRNSFEVR'	582	>TP53-R273F LLGRNSFEVP'	125	457
>TP53-R273F LLGRNSFEVR'	3	>TP53-R273F LLGRNSFEVP'	3	0
>TP53-R273F LLGRNSFEVR'	7	>TP53-R273F LLGRNSFEVP'	4	3
>TP53-R273F LLGRNSFEVR'	9	>TP53-R273F LLGRNSFEVP'	7	2
>TP53-R273F LLGRNSFEVR'	6	>TP53-R273F LLGRNSFEVP'	6	0
>TP53-R273F LLGRNSFEVR'	2	>TP53-R273F LLGRNSFEVP'	2	0
>TP53-R273F LLGRNSFEVR	429	>TP53-R273F LLGRNSFEVP	34705	34276
>TP53-R273S RVCACPGR	367	>TP53-R273S SVCACPGR	183	184
>TP53-R273S RVCACPGRDI	435	>TP53-R273S SVCACPGRDI	215	220
>TP53-R273S RVCACPGR	40	>TP53-R273S SVCACPGR	211	171
>TP53-R273S RVCACPGRDI	37	>TP53-R273S SVCACPGRDI	154	117
>TP53-R273S RVCACPGRDI	33	>TP53-R273S SVCACPGRDI	155	122
>TP53-R273S RVCACPGR	481	>TP53-R273S SVCACPGR	78	403
>TP53-R273S RVCACPGRDI	1118	>TP53-R273S SVCACPGRDI	220	898
>TP53-R273S RVCACPGRDI	584	>TP53-R273S SVCACPGRDI	89	495
>TP53-R273S RVCACPGRDI	297	>TP53-R273S SVCACPGRDI	625	328
>TP53-R273S RVCACPGR	66	>TP53-R273S SVCACPGR	212	146
>TP53-R273S RVCACPGRDI	255	>TP53-R273S SVCACPGRDI	1247	992
>TP53-R273S RVCACPGRDI	109	>TP53-R273S SVCACPGRDI	517	408
>TP53-R273S VRVCACPGR	7994	>TP53-R273S VSVCACPGR	162	7832
>TP53-R273S NLLGRNSFEV	109	>TP53-R273S NLLGRNSFEV	22849	22740
>TP53-R273S NLLGRNSFEV	309	>TP53-R273S NLLGRNSFEV	31473	31164
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>TP53-R273S EVRVCACPGF	329	>TP53-R273S EVSVCACPGF	352	23
>TP53-R273S EVRVCACPGF	70	>TP53-R273S EVSVCACPGF	11	59
>TP53-R273S FEVRVCACPC	370	>TP53-R273S FEVSVCACPC	207	163
>TP53-R273S NSFVVRVCA	21	>TP53-R273S NSFVSVCA	23	2
>TP53-R273S GRNSFEVRV	1849	>TP53-R273S GRNSFEVSV	434	1415

>TP53-R273S GRNSFEVR	405	>TP53-R273S GRNSFEVS	4240	3835
>TP53-R273S GRNSFEVRV	631	>TP53-R273S GRNSFEVSV	499	132
>TP53-R273S LGRNSFEVR	286	>TP53-R273S LGRNSFEVS	20863	20577
>TP53-R273S LGRNSFEVRV	2611	>TP53-R273S LGRNSFEVSV	473	2138
>TP53-R273S LLGRNSFEVR	137	>TP53-R273S LLGRNSFEVS'	84	53
>TP53-R273S LLGRNSFEVR	62	>TP53-R273S LLGRNSFEVS'	35	27
>TP53-R273S LLGRNSFEVR	214	>TP53-R273S LLGRNSFEVS'	86	128
>TP53-R273S LLGRNSFEVR	582	>TP53-R273S LLGRNSFEVS'	198	384
>TP53-R273S LLGRNSFEVR	3	>TP53-R273S LLGRNSFEVS'	3	0
>TP53-R273S LLGRNSFEVR	7	>TP53-R273S LLGRNSFEVS'	4	3
>TP53-R273S LLGRNSFEVR	9	>TP53-R273S LLGRNSFEVS'	8	1
>TP53-R273S LLGRNSFEVR	6	>TP53-R273S LLGRNSFEVS'	4	2
>TP53-R273S LLGRNSFEVR	2	>TP53-R273S LLGRNSFEVS'	2	0
>TP53-R273S LLGRNSFEVR	429	>TP53-R273S LLGRNSFEVS	31077	30648
>TP53-R280C GRDRRTEEN	446	>TP53-R280C GGDRRTEEN	23466	23020
>TP53-R280C FEVRVCACPC	370	>TP53-R280C FEVRVCACPC	41248	40878
>TP53-R280C CACPGRDRR	132	>TP53-R280C CACPGDRR	397	265
>TP53-R280C RVCACPCR	367	>TP53-R280C RVCACPCGG	23102	22735
>TP53-R280C RVCACPCRDI	435	>TP53-R280C RVCACPCGGD	550	115
>TP53-R280C RVCACPCR	40	>TP53-R280C RVCACPCGG	16577	16537
>TP53-R280C RVCACPCRDI	37	>TP53-R280C RVCACPCGGD	101	64
>TP53-R280C RVCACPCRDI	33	>TP53-R280C RVCACPCGGD	64	31
>TP53-R280C RVCACPCR	481	>TP53-R280C RVCACPCGG	42302	41821
>TP53-R280C RVCACPCRDI	297	>TP53-R280C RVCACPCGGD	773	476
>TP53-R280C RVCACPCR	66	>TP53-R280C RVCACPCGG	28033	27967
>TP53-R280C RVCACPCRDI	255	>TP53-R280C RVCACPCGGD	237	18
>TP53-R280C RVCACPCRDI	109	>TP53-R280C RVCACPCGGD	167	58
>TP53-R280C EVRVCACPCF	329	>TP53-R280C EVRVCACPCG	29445	29116
>TP53-R280C EVRVCACPCF	70	>TP53-R280C EVRVCACPCG	35690	35620
>TP53-R280I GRDRRTEEN	446	>TP53-R280I GIDRRTEEN	21506	21060
>TP53-R280I FEVRVCACPC	8557	>TP53-R280I FEVRVCACPC	9	8548
>TP53-R280I FEVRVCACPC	23272	>TP53-R280I FEVRVCACPC	285	22987
>TP53-R280I FEVRVCACPC	370	>TP53-R280I FEVRVCACPC	39173	38803
>TP53-R280I FEVRVCACPC	7812	>TP53-R280I FEVRVCACPC	61	7751
>TP53-R280I FEVRVCACPC	1619	>TP53-R280I FEVRVCACPC	5	1614
>TP53-R280I CACPGRDR	824	>TP53-R280I CACPGIDR	396	428
>TP53-R280I CACPGRDRR	132	>TP53-R280I CACPGIDRR	112	20
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>TP53-R280I RVCACPCR	367	>TP53-R280I RVCACPCI	19220	18853
>TP53-R280I RVCACPCRDI	2818	>TP53-R280I RVCACPGIDR	388	2430
>TP53-R280I RVCACPCRDI	435	>TP53-R280I RVCACPGIDR	340	95
>TP53-R280I RVCACPCR	1754	>TP53-R280I RVCACPCI	480	1274
>TP53-R280I RVCACPCR	40	>TP53-R280I RVCACPCI	12430	12390

>TP53-R280I·RVCACPGRDI	37	>TP53-R280I·RVCACPGIDR	42	5
>TP53-R280I·RVCACPGRDI	33	>TP53-R280I·RVCACPGIDR	42	9
>TP53-R280I·RVCACPGR	481	>TP53-R280I·RVCACPGI	40390	39909
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>TP53-R280I·RVCACPGRDI	297	>TP53-R280I·RVCACPGIDR	238	59
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>TP53-R280I·RVCACPGRDI	109	>TP53-R280I·RVCACPGIDR	91	18
>TP53-R280I·RVCACPGR	39793	>TP53-R280I·RVCACPGI	131	39662
>TP53-R280I·EVRVCACPGF	329	>TP53-R280I·EVRVCACPGI	28898	28569
>TP53-R280I·EVRVCACPGF	70	>TP53-R280I·EVRVCACPGI	31234	31164
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>TP53-R280K·GRDRRTEEN	446	>TP53-R280K·GKDRRTEEN	7774	7328
>TP53-R280K·FEVRVCACPC	370	>TP53-R280K·FEVRVCACPC	1602	1232
>TP53-R280K·CACPGRDRR	132	>TP53-R280K·CACPGKDRR	271	139
>TP53-R280K·RVCACPGR	1309	>TP53-R280K·RVCACPGK	102	1207
>TP53-R280K·RVCACPGR	367	>TP53-R280K·RVCACPGK	40	327
>TP53-R280K·RVCACPGRDI	435	>TP53-R280K·RVCACPGKDI	656	221
>TP53-R280K·RVCACPGR	1754	>TP53-R280K·RVCACPGK	25	1729
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>TP53-R280K·RVCACPGRDI	37	>TP53-R280K·RVCACPGKDI	87	50
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>TP53-R280K·RVCACPGR	481	>TP53-R280K·RVCACPGK	1772	1291
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>TP53-R280K·RVCACPGRDI	109	>TP53-R280K·RVCACPGKDI	111	2
>TP53-R280K·EVRVCACPGF	5897	>TP53-R280K·EVRVCACPGK	143	5754
>TP53-R280K·EVRVCACPGF	329	>TP53-R280K·EVRVCACPGK	7936	7607
>TP53-R280K·EVRVCACPGF	70	>TP53-R280K·EVRVCACPGK	227	157
>TP53-R280S·GRDRRTEEN	446	>TP53-R280S·GSDRRTEEN	20484	20038
>TP53-R280S·FEVRVCACPC	370	>TP53-R280S·FEVRVCACPC	35751	35381
>TP53-R280S·CACPGRDR	824	>TP53-R280S·CACPGSDR	368	456
>TP53-R280S·CACPGRDRR	132	>TP53-R280S·CACPGSDRR	165	33
>TP53-R280S·RVCACPGRDI	1179	>TP53-R280S·RVCACPGSDF	448	731
>TP53-R280S·RVCACPGR	367	>TP53-R280S·RVCACPGS	16941	16574
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>TP53-R280S·RVCACPGR	40	>TP53-R280S·RVCACPGS	12660	12620
>TP53-R280S·RVCACPGRDI	37	>TP53-R280S·RVCACPGSDF	53	16
>TP53-R280S·RVCACPGRDI	33	>TP53-R280S·RVCACPGSDF	56	23
>TP53-R280S·RVCACPGR	481	>TP53-R280S·RVCACPGS	36832	36351
>TP53-R280S·RVCACPGRDI	1118	>TP53-R280S·RVCACPGSDF	127	991
>TP53-R280S·RVCACPGRDI	297	>TP53-R280S·RVCACPGSDF	305	8



>TP53-R280S RVCACPGR	66	>TP53-R280S RVCACPGS	21132	21066
>TP53-R280S RVCACPGRDI	255	>TP53-R280S RVCACPGSDF	257	2
>TP53-R280S RVCACPGRDI	109	>TP53-R280S RVCACPGSDF	122	13
>TP53-R280S EVRVCACPGF	329	>TP53-R280S EVRVCACPGS	27507	27178
>TP53-R280S EVRVCACPGF	70	>TP53-R280S EVRVCACPGS	33135	33065
>TP53-R280T GRDRRTEEN	446	>TP53-R280T GTDRRTEEN	19032	18586
>TP53-R280T FEVRVCACPC	370	>TP53-R280T FEVRVCACPC	37128	36758
>TP53-R280T FEVRVCACPC	1619	>TP53-R280T FEVRVCACPC	231	1388
>TP53-R280T CACPGRDR	824	>TP53-R280T CACPGTDR	362	462
>TP53-R280T CACPGRDRR	132	>TP53-R280T CACPGTDRR	101	31
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>TP53-R280T RVCACPGRDI	435	>TP53-R280T RVCACPGTDF	311	124
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>TP53-R280T RVCACPGRDI	37	>TP53-R280T RVCACPGTDF	63	26
>TP53-R280T RVCACPGRDI	33	>TP53-R280T RVCACPGTDF	49	16
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>TP53-R280T RVCACPGRDI	297	>TP53-R280T RVCACPGTDF	349	52
>TP53-R280T RVCACPGR	66	>TP53-R280T RVCACPGT	22863	22797
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>TP53-R280T EVRVCACPGF	329	>TP53-R280T EVRVCACPGT	27819	27490
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>TP53-R282C RRTEENL	171	>TP53-R282C GRTEENL	1393	1222
>TP53-R282C RRTEENLR	424	>TP53-R282C GRTEENLR	3059	2635
>TP53-R282C RRTEENLRK	34	>TP53-R282C GRTEENLRK	259	225
>TP53-R282C RRTEENLRK	71	>TP53-R282C GRTEENLRK	362	291
>TP53-R282C RRTEENL	66	>TP53-R282C GRTEENL	8092	8026
>TP53-R282C RRTEENLRK	383	>TP53-R282C GRTEENLRK	10259	9876
>TP53-R282C RRTEENL	94	>TP53-R282C GRTEENL	3267	3173
>TP53-R282C RRTEENLRK	163	>TP53-R282C GRTEENLRK	3513	3350
>TP53-R282C GRDRRTEEN	446	>TP53-R282C GRDGRTEEN	1261	815
>TP53-R282C CACPGRDRR	132	>TP53-R282C CACPGRDGR	139	7
>TP53-R282C RVCACPGRDI	435	>TP53-R282C RVCACPGRDG	524	89
>TP53-R282C RVCACPGRDI	37	>TP53-R282C RVCACPGRDG	20308	20271
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>TP53-R282C RVCACPGRDI	297	>TP53-R282C RVCACPGRDG	29558	29261
>TP53-R282C RVCACPGRDI	255	>TP53-R282C RVCACPGRDG	34440	34185
>TP53-R282C RVCACPGRDI	109	>TP53-R282C RVCACPGRDG	101	8
>TP53-R282F RRTEENL	171	>TP53-R282F HRTEENL	716	545
>TP53-R282F RRTEENLR	424	>TP53-R282F HRTEENLR	1783	1359
>TP53-R282F RRTEENLRK	34	>TP53-R282F HRTEENLRK	69	35
>TP53-R282F RRTEENLRK	71	>TP53-R282F HRTEENLRK	185	114

>TP53-R282F RRTEENL	66	>TP53-R282F HRTEENL	5007	4941
>TP53-R282F RRTEENLRK	383	>TP53-R282F HRTEENLRK	5661	5278
>TP53-R282F RRTEENL	94	>TP53-R282F HRTEENL	2325	2231
>TP53-R282F RRTEENLRK	163	>TP53-R282F HRTEENLRK	3417	3254
>TP53-R282F GRDRRTEEN	446	>TP53-R282F GRDHRTEEN	612	166
>TP53-R282F CACPGRDRR	921	>TP53-R282F CACPGRDHR	322	599
>TP53-R282F CACPGRDRR	545	>TP53-R282F CACPGRDHR	173	372
>TP53-R282F CACPGRDRR	132	>TP53-R282F CACPGRDHR	151	19
>TP53-R282F RVCACPGRDI	435	>TP53-R282F RVCACPGRDI	596	161
>TP53-R282F RVCACPGRDI	37	>TP53-R282F RVCACPGRDI	5017	4980
>TP53-R282F RVCACPGRDI	33	>TP53-R282F RVCACPGRDI	20	13
>TP53-R282F RVCACPGRDI	297	>TP53-R282F RVCACPGRDI	23972	23675
>TP53-R282F RVCACPGRDI	255	>TP53-R282F RVCACPGRDI	26163	25908
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>TP53-R282L RRTEENL	171	>TP53-R282L LRTEENL	1702	1531
>TP53-R282L RRTEENLR	424	>TP53-R282L LRTEENLR	3450	3026
>TP53-R282L RRTEENLRK	34	>TP53-R282L LRTEENLRK	858	824
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>TP53-R282L RRTEENL	66	>TP53-R282L LRTEENL	8830	8764
>TP53-R282L RRTEENLRK	383	>TP53-R282L LRTEENLRK	15159	14776
>TP53-R282L RRTEENL	94	>TP53-R282L LRTEENL	1888	1794
>TP53-R282L RRTEENLRK	163	>TP53-R282L LRTEENLRK	4361	4198
>TP53-R282L VRVCACPGRDI	2664	>TP53-R282L VRVCACPGRDI	375	2289
>TP53-R282L RDRRTEENL	1285	>TP53-R282L RDLRTEENL	375	910
>TP53-R282L GRDRRTEEN	446	>TP53-R282L GRDLRTEEN	396	50
>TP53-R282L CACPGRDRR	921	>TP53-R282L CACPGRDLR	380	541
>TP53-R282L CACPGRDRR	545	>TP53-R282L CACPGRDLR	187	358
>TP53-R282L CACPGRDRR	132	>TP53-R282L CACPGRDLR	53	79
>TP53-R282L CACPGRDR	35549	>TP53-R282L CACPGRDL	256	35293
>TP53-R282L RVCACPGRDI	435	>TP53-R282L RVCACPGRDI	175	260
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>TP53-R282L RVCACPGRDI	33	>TP53-R282L RVCACPGRDI	24	9
>TP53-R282L RVCACPGRDI	584	>TP53-R282L RVCACPGRDI	246	338
>TP53-R282L RVCACPGRDI	297	>TP53-R282L RVCACPGRDI	30491	30194
>TP53-R282L RVCACPGRDI	255	>TP53-R282L RVCACPGRDI	30447	30192
>TP53-R282L RVCACPGRDI	109	>TP53-R282L RVCACPGRDI	81	28
>TP53-R282F RRTEENL	171	>TP53-R282F PRTEENL	10053	9882
>TP53-R282F RRTEENLR	424	>TP53-R282F PRTEENLR	12234	11810
>TP53-R282F RRTEENLRK	34	>TP53-R282F PRTEENLRK	9629	9595
>TP53-R282F RRTEENLRK	71	>TP53-R282F PRTEENLRKI	3093	3022
>TP53-R282F RRTEENL	66	>TP53-R282F PRTEENL	20464	20398
>TP53-R282F RRTEENLRK	383	>TP53-R282F PRTEENLRK	17618	17235
>TP53-R282F RRTEENL	94	>TP53-R282F PRTEENL	12982	12888

>TP53-R282F RRTEENLRK	163	>TP53-R282F PRTEENLRK	9057	8894
>TP53-R282F GRDRRTEEN	446	>TP53-R282F GRDPRTEEN	350	96
>TP53-R282F CACPGRDRR	921	>TP53-R282F CACPGRDPR	252	669
>TP53-R282F CACPGRDRR	545	>TP53-R282F CACPGRDPR	154	391
>TP53-R282F CACPGRDRR	132	>TP53-R282F CACPGRDPR	153	21
>TP53-R282F RVCACPGRDI	435	>TP53-R282F RVCACPGRDI	172	263
>TP53-R282F RVCACPGRDI	37	>TP53-R282F RVCACPGRDI	21378	21341
>TP53-R282F RVCACPGRDI	33	>TP53-R282F RVCACPGRDI	18	15
>TP53-R282F RVCACPGRDI	297	>TP53-R282F RVCACPGRDI	28707	28410
>TP53-R282F RVCACPGRDI	255	>TP53-R282F RVCACPGRDI	34730	34475
>TP53-R282F RVCACPGRDI	109	>TP53-R282F RVCACPGRDI	56	53
>TP53-R282C RRTEENL	171	>TP53-R282C QRTEENL	1858	1687
>TP53-R282C RRTEENLR	424	>TP53-R282C QRTEENLR	3822	3398
>TP53-R282C RRTEENLRK	34	>TP53-R282C QRTEENLRK	792	758
>TP53-R282C RRTEENLRK	71	>TP53-R282C QRTEENLRK	436	365
>TP53-R282C RRTEENL	66	>TP53-R282C QRTEENL	7655	7589
>TP53-R282C RRTEENLRK	383	>TP53-R282C QRTEENLRK	10259	9876
>TP53-R282C RRTEENL	94	>TP53-R282C QRTEENL	1596	1502
>TP53-R282C RRTEENLRK	163	>TP53-R282C QRTEENLRK	3284	3121
>TP53-R282C GRDRRTEEN	446	>TP53-R282C GRDQRTEEN	457	11
>TP53-R282C CACPGRDRR	545	>TP53-R282C CACPGRDQR	442	103
>TP53-R282C CACPGRDRR	132	>TP53-R282C CACPGRDQR	91	41
>TP53-R282C RVCACPGRDI	435	>TP53-R282C RVCACPGRDI	319	116
>TP53-R282C RVCACPGRDI	37	>TP53-R282C RVCACPGRDI	12260	12223
>TP53-R282C RVCACPGRDI	33	>TP53-R282C RVCACPGRDI	30	3
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>TP53-R282C RVCACPGRDI	297	>TP53-R282C RVCACPGRDI	14108	13811
>TP53-R282C RVCACPGRDI	255	>TP53-R282C RVCACPGRDI	16490	16235
>TP53-R282C RVCACPGRDI	109	>TP53-R282C RVCACPGRDI	144	35
>TP53-R282V RRTEENL	171	>TP53-R282V WRTEENL	980	809
>TP53-R282V RRTEENLR	424	>TP53-R282V WRTEENLR	1983	1559
>TP53-R282V RRTEENLRK	34	>TP53-R282V WRTEENLRK	120	86
>TP53-R282V RRTEENLRK	71	>TP53-R282V WRTEENLRK	223	152
>TP53-R282V RRTEENL	66	>TP53-R282V WRTEENL	1892	1826
>TP53-R282V RRTEENLRK	383	>TP53-R282V WRTEENLRK	2990	2607
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>TP53-R282V RRTEENLRK	163	>TP53-R282V WRTEENLRK	650	487
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>TP53-R282V RDRRTEENL	4800	>TP53-R282V RDWRTEEN	361	4439
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>TP53-R283F RTEEEENLRK	126	>TP53-R283F PTEEEENLRK	9867	9741
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>TP53-R335L RERFEMFREL	142	>TP53-R335L LERFEMFREL	691	549
>TP53-R335L RERFEMFREL	29	>TP53-R335L LERFEMFREL	110	81
>TP53-R335L RERFEMFR	144	>TP53-R335L LERFEMFR	853	709
>TP53-R335L GRERFEMFRE	26775	>TP53-R335L GLERFEMFRE	267	26508
>TP53-R335L GRERFEMFRE	28269	>TP53-R335L GLERFEMFRE	31	28238
>TP53-R335L GRERFEMFR	11300	>TP53-R335L GLERFEMFR	137	11163
>TP53-R335L GRERFEMFR	4119	>TP53-R335L GLERFEMFR	177	3942
>TP53-R335L GRERFEMFRE	71	>TP53-R335L GLERFEMFRE	10125	10054
>TP53-R335L GRERFEMFRE	11	>TP53-R335L GLERFEMFRE	1689	1678
>TP53-R335L GRERFEMFR	1179	>TP53-R335L GLERFEMFR	479	700
>TP53-R335L GEYFTLQIRGI	13296	>TP53-R335L GEYFTLQIRGI	93	13203
>TP53-R335L GEYFTLQIRGI	7911	>TP53-R335L GEYFTLQIRGI	22	7889
>TP53-R335L GEYFTLQIRGI	3433	>TP53-R335L GEYFTLQIRGI	48	3385
>TP53-R335L GEYFTLQIRGI	512	>TP53-R335L GEYFTLQIRGI	10	502
>TP53-R335L RGRERFEM	90	>TP53-R335L RGLERFEM	5751	5661
>TP53-R335L RGRERFEMFI	35	>TP53-R335L RGLERFEMFF	1611	1576
>TP53-R335L RGRERFEMFI	39	>TP53-R335L RGLERFEMFF	40	1
>TP53-R335L RGRERFEMF	226	>TP53-R335L RGLERFEMF	1475	1249
>TP53-R335L RGRERFEMF	118	>TP53-R335L RGLERFEMF	214	96
>TP53-R335L RGRERFEM	226	>TP53-R335L RGLERFEM	635	409
>TP53-R335L RGRERFEMF	85	>TP53-R335L RGLERFEMF	210	125
>TP53-R335L RGRERFEMF	108	>TP53-R335L RGLERFEMF	313	205
>TP53-R335L RGRERFEMFI	95	>TP53-R335L RGLERFEMFF	39	56
>TP53-R335L IRGRERFEMF	126	>TP53-R335L IRGLERFEMF	365	239
>TP53-R335L IRGRERFEMF	187	>TP53-R335L IRGLERFEMFI	130	57
>TP53-R335L QIRGRERFEM	435	>TP53-R335L QIRGLERFEM	965	530
>TP53-R335L QIRGRERFEM	628	>TP53-R335L QIRGLERFEM	253	375
>TP53-R335L LQIRGRERF	2043	>TP53-R335L LQIRGLERF	79	1964
>TP53-R335L LQIRGRERFEI	192	>TP53-R335L LQIRGLERFEM	41	151
>TP53-R335L LQIRGRERF	766	>TP53-R335L LQIRGLERF	361	405
>TP53-R335L LQIRGRERF	4673	>TP53-R335L LQIRGLERF	158	4515
>TP53-R335L LQIRGRER	138	>TP53-R335L LQIRGLER	188	50
>TP53-R335L LQIRGRERF	54	>TP53-R335L LQIRGLERF	46	8

>TP53-R335L LQIRGRERFEI	105	>TP53-R335L LQIRGLERFEN	102	3
>TP53-R335L LQIRGRER	495	>TP53-R335L LQIRGLER	402	93
>TP53-R335L LQIRGRERF	12	>TP53-R335L LQIRGLERF	16	4
>TP53-R335L LQIRGRERFEI	34	>TP53-R335L LQIRGLERFEN	53	19
>TP53-R335L TLQIRGRER	238	>TP53-R335L TLQIRGLER	233	5
>TP53-R335L TLQIRGRERF	517	>TP53-R335L TLQIRGLERF	498	19
>TP53-R335L FTLQIRGR	19765	>TP53-R335L FTLQIRGL	148	19617
>TP53-R335L FTLQIRGR	17447	>TP53-R335L FTLQIRGL	100	17347
>TP53-R335L FTLQIRGRER	1535	>TP53-R335L FTLQIRGLER	138	1397
>TP53-R335L FTLQIRGRERI	169	>TP53-R335L FTLQIRGLERF	91	78
>TP53-R335L FTLQIRGRERI	289	>TP53-R335L FTLQIRGLERF	82	207
>TP53-R335L FTLQIRGRERI	946	>TP53-R335L FTLQIRGLERF	457	489
>TP53-R335L FTLQIRGRER	50	>TP53-R335L FTLQIRGLER	81	31
>TP53-R335L FTLQIRGR	174	>TP53-R335L FTLQIRGL	18164	17990
>TP53-R335L FTLQIRGRER	431	>TP53-R335L FTLQIRGLER	168	263
>TP53-R335L FTLQIRGR	25	>TP53-R335L FTLQIRGL	15224	15199
>TP53-R335L FTLQIRGRER	86	>TP53-R335L FTLQIRGLER	16	70
>TP53-R335L FTLQIRGR	17836	>TP53-R335L FTLQIRGL	277	17559
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>TP53-R335L FTLQIRGR	12775	>TP53-R335L FTLQIRGL	45	12730
>TP53-R335L FTLQIRGRERI	8	>TP53-R335L FTLQIRGLERF	8	0
>TP53-R335L FTLQIRGRERI	289	>TP53-R335L FTLQIRGLERF	170	119
>TP53-R335L FTLQIRGRERI	8	>TP53-R335L FTLQIRGLERF	7	1
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>TP53-R335L FTLQIRGRER	1841	>TP53-R335L FTLQIRGLER	498	1343
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>TP53-R335L YFTLQIRGREF	337	>TP53-R335L YFTLQIRGLEF	325	12
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>TP53-R335L YFTLQIRGREF	126	>TP53-R335L YFTLQIRGLEF	110	16
>TP53-R335L YFTLQIRGR	152	>TP53-R335L YFTLQIRGL	31402	31250
>TP53-R335L YFTLQIRGREF	524	>TP53-R335L YFTLQIRGLEF	138	386
>TP53-R335L EYFTLQIRGR	25578	>TP53-R335L EYFTLQIRGL	383	25195
>TP53-R335L EYFTLQIRGR	9335	>TP53-R335L EYFTLQIRGL	172	9163
>TP53-R335L EYFTLQIRGR	315	>TP53-R335L EYFTLQIRGL	20651	20336
>TP53-R335L EYFTLQIRGR	20	>TP53-R335L EYFTLQIRGL	7384	7364
>TP53-R335L EYFTLQIRGR	10896	>TP53-R335L EYFTLQIRGL	269	10627
>TP53-R337C RFEMFREL	253	>TP53-R337C CFEMFREL	378	125
>TP53-R337C RFEMFREL	308	>TP53-R337C CFEMFREL	1153	845
>TP53-R337C ERFEMFREL	1246	>TP53-R337C ECFEMFREL	408	838
>TP53-R337C ERFEMFREL	4243	>TP53-R337C ECFEMFREL	218	4025
>TP53-R337C ERFEMFREL	185	>TP53-R337C ECFEMFREL	25305	25120
>TP53-R337C ERFEMFREL	421	>TP53-R337C ECFEMFREL	16991	16570
>TP53-R337C ERFEMFREL	172	>TP53-R337C ECFEMFREL	25403	25231

>TP53-R337CERFEMFREL	10	>TP53-R337CECFEMFREL	25888	25878
>TP53-R337CYFTLQIRGREI	337	>TP53-R337CYFTLQIRGREC	24045	23708
>TP53-R337CYFTLQIRGREI	126	>TP53-R337CYFTLQIRGREC	35760	35634
>TP53-R337CERFEMFR	166	>TP53-R337CRECFEMFR	274	108
>TP53-R337CERFEMFREL	48	>TP53-R337CRECFEMFREL	48	0
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>TP53-R337CERFEMFREL	919	>TP53-R337CRECFEMFREL	384	535
>TP53-R337CERFEMFREL	29	>TP53-R337CRECFEMFREL	29	0
>TP53-R337CERFEMFR	144	>TP53-R337CRECFEMFR	62	82
>TP53-R337CGRERFEMF	846	>TP53-R337CGRECFEMF	495	351
>TP53-R337CGRERFEMFRI	71	>TP53-R337CGRECFEMFRI	92	21
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>TP53-R337CGRERFEMFR	1179	>TP53-R337CGRECFEMFR	407	772
>TP53-R337CGRERFEM	90	>TP53-R337CGRECFEM	619	529
>TP53-R337CGRERFEMFI	35	>TP53-R337CGRECFEMFI	84	49
>TP53-R337CGRERFEMFI	39	>TP53-R337CGRECFEMFI	28	11
>TP53-R337CGRERFEMF	226	>TP53-R337CGRECFEMF	195	31
>TP53-R337CGRERFEMF	118	>TP53-R337CGRECFEMF	58	60
>TP53-R337CGRERFEM	226	>TP53-R337CGRECFEM	279	53
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>TP53-R337CGRERFEMF	108	>TP53-R337CGRECFEMF	27	81
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>TP53-R337CIRGRERFEMF	187	>TP53-R337CIRGRECFEMF	209	22
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>TP53-R337CQIRGRERFEM	628	>TP53-R337CQIRGRECFEM	470	158
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>TP53-R337CQIRGRER	54	>TP53-R337CQIRGRECFEI	44	10
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>TP53-R337CQIRGRER	12	>TP53-R337CQIRGRECFEI	6	6
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>TP53-R337CTLQIRGRER	238	>TP53-R337CTLQIRGRECFEI	23258	23020
>TP53-R337CTLQIRGRER	169	>TP53-R337CTLQIRGRECFEI	569	400
>TP53-R337CTLQIRGRER	289	>TP53-R337CTLQIRGRECFEI	254	35
>TP53-R337CTLQIRGRER	50	>TP53-R337CTLQIRGRECFEI	18149	18099
>TP53-R337CTLQIRGRER	431	>TP53-R337CTLQIRGRECFEI	27756	27325
>TP53-R337CTLQIRGRER	86	>TP53-R337CTLQIRGRECFEI	35817	35731
>TP53-R337CTLQIRGRER	585	>TP53-R337CTLQIRGRECFEI	203	382
>TP53-R337CTLQIRGRER	8	>TP53-R337CTLQIRGRECFEI	63	55
>TP53-R337CTLQIRGRER	289	>TP53-R337CTLQIRGRECFEI	1091	802
>TP53-R337CTLQIRGRER	8	>TP53-R337CTLQIRGRECFEI	29	21

>TP53-R337F RFEMFREL	253	>TP53-R337F HFEMFREL	784	531
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>TP53-R337F ERFEMFREL	172	>TP53-R337F EHFEMFREL	9218	9046
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>TP53-R337F RERFEMFREL	48	>TP53-R337F REHFEMFREL	40	8
>TP53-R337F RERFEMFREL	142	>TP53-R337F REHFEMFREL	78	64
>TP53-R337F RERFEMFREL	919	>TP53-R337F REHFEMFREL	329	590
>TP53-R337F RERFEMFREL	29	>TP53-R337F REHFEMFREL	77	48
>TP53-R337F RERFEMFR	144	>TP53-R337F REHFEMFR	64	80
>TP53-R337F GRERFEMF	846	>TP53-R337F GREHFEMF	382	464
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>TP53-R337F RGRERFEMFI	35	>TP53-R337F RGREHFEMFI	41	6
>TP53-R337F RGRERFEMFI	39	>TP53-R337F RGREHFEMFI	44	5
>TP53-R337F RGRERFEMF	226	>TP53-R337F RGREHFEMF	111	115
>TP53-R337F RGRERFEMF	118	>TP53-R337F RGREHFEMF	50	68
>TP53-R337F RGRERFEM	226	>TP53-R337F RGREHFEM	140	86
>TP53-R337F RGRERFEMF	85	>TP53-R337F RGREHFEMF	143	58
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>TP53-R337F RGRERFEMFI	95	>TP53-R337F RGREHFEMFI	83	12
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>TP53-R337F IRGRERFEMF	187	>TP53-R337F IRGREHFEMF	159	28
>TP53-R337F QIRGRERFEM	435	>TP53-R337F QIRGREHFEM	337	98
>TP53-R337F QIRGRERF	1843	>TP53-R337F QIRGREHF	374	1469
>TP53-R337F LQIRGRERFEI	192	>TP53-R337F LQIRGREHFEI	100	92
>TP53-R337F LQIRGRERF	766	>TP53-R337F LQIRGREHF	417	349
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>TP53-R337F LQIRGRERF	54	>TP53-R337F LQIRGREHF	27	27
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>TP53-R337F LQIRGRER	495	>TP53-R337F LQIRGREH	441	54
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>TP53-R337F LQIRGRERFEI	34	>TP53-R337F LQIRGREHFEI	23	11
>TP53-R337F TLQIRGRER	238	>TP53-R337F TLQIRGREH	14450	14212
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>TP53-R337F FTLQIRGRERI	169	>TP53-R337F FTLQIRGREHI	83	86
>TP53-R337F FTLQIRGRERI	289	>TP53-R337F FTLQIRGREHI	126	163

>TP53-R337F FTLQIRGRER	50	>TP53-R337F FTLQIRGREH	6426	6376
>TP53-R337F FTLQIRGRER	431	>TP53-R337F FTLQIRGREH	14467	14036
>TP53-R337F FTLQIRGRER	86	>TP53-R337F FTLQIRGREH	15668	15582
>TP53-R337F FTLQIRGRERI	1910	>TP53-R337F FTLQIRGREHI	392	1518
>TP53-R337F FTLQIRGRERI	585	>TP53-R337F FTLQIRGREHI	220	365
>TP53-R337F FTLQIRGRERI	8	>TP53-R337F FTLQIRGREHI	14	6
>TP53-R337F FTLQIRGRERI	289	>TP53-R337F FTLQIRGREHI	130	159
>TP53-R337F FTLQIRGRERI	8	>TP53-R337F FTLQIRGREHI	24	16
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>TP53-R337L RFEMFREL	308	>TP53-R337L LFEMFREL	694	386
>TP53-R337L ERFEMFREL	14052	>TP53-R337L ELFEMFREL	187	13865
>TP53-R337L ERFEMFREL	19166	>TP53-R337L ELFEMFREL	14	19152
>TP53-R337L ERFEMFREL	24557	>TP53-R337L ELFEMFREL	434	24123
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>TP53-R337L ERFEMFREL	23958	>TP53-R337L ELFEMFREL	464	23494
>TP53-R337L ERFEMFREL	27775	>TP53-R337L ELFEMFREL	13	27762
>TP53-R337L ERFEMFREL	1246	>TP53-R337L ELFEMFREL	261	985
>TP53-R337L ERFEMFREL	4243	>TP53-R337L ELFEMFREL	123	4120
>TP53-R337L ERFEMFREL	11999	>TP53-R337L ELFEMFREL	102	11897
>TP53-R337L ERFEMFREL	185	>TP53-R337L ELFEMFREL	20676	20491
>TP53-R337L ERFEMFREL	421	>TP53-R337L ELFEMFREL	9157	8736
>TP53-R337L ERFEMFREL	172	>TP53-R337L ELFEMFREL	17503	17331
>TP53-R337L ERFEMFREL	10	>TP53-R337L ELFEMFREL	11289	11279
>TP53-R337L ERFEMFREL	2747	>TP53-R337L ELFEMFREL	446	2301
>TP53-R337L YFTLQIRGREF	8711	>TP53-R337L YFTLQIRGREL	157	8554
>TP53-R337L YFTLQIRGREF	337	>TP53-R337L YFTLQIRGREL	19315	18978
>TP53-R337L YFTLQIRGREF	126	>TP53-R337L YFTLQIRGREL	22860	22734
>TP53-R337L RERFEMFREL	1910	>TP53-R337L RELFEMFREL	411	1499
>TP53-R337L RERFEMFR	166	>TP53-R337L RELFEMFR	238	72
>TP53-R337L RERFEMFREL	48	>TP53-R337L RELFEMFREL	40	8
>TP53-R337L RERFEMFREL	142	>TP53-R337L RELFEMFREL	132	10
>TP53-R337L RERFEMFREL	919	>TP53-R337L RELFEMFREL	245	674
>TP53-R337L RERFEMFREL	29	>TP53-R337L RELFEMFREL	17	12
>TP53-R337L RERFEMFR	144	>TP53-R337L RELFEMFR	58	86
>TP53-R337L GRERFEMFRI	71	>TP53-R337L GRELFEMFRE	115	44
>TP53-R337L GRERFEMFR	521	>TP53-R337L GRELFEMFR	497	24
>TP53-R337L GRERFEMFRI	11	>TP53-R337L GRELFEMFRE	10	1
>TP53-R337L RGRERFEM	90	>TP53-R337L RGRELFEM	240	150
>TP53-R337L RGRERFEMFI	35	>TP53-R337L RGRELFEMFF	60	25
>TP53-R337L RGRERFEMFI	39	>TP53-R337L RGRELFEMFF	49	10
>TP53-R337L RGRERFEMF	226	>TP53-R337L RGRELFEMF	157	69
>TP53-R337L RGRERFEMF	118	>TP53-R337L RGRELFEMF	140	22
>TP53-R337L RGRERFEM	226	>TP53-R337L RGRELFEM	201	25

>TP53-R337L RGRERFEMF	85	>TP53-R337L RGRELFEMF	191	106
>TP53-R337L RGRERFEMF	108	>TP53-R337L RGRELFEMF	31	77
>TP53-R337L RGRERFEMFI	95	>TP53-R337L RGRELFEMFF	63	32
>TP53-R337L IRGRERFEMF	126	>TP53-R337L IRGRELFFEMF	160	34
>TP53-R337L IRGRERFEMF	187	>TP53-R337L IRGRELFFEMFI	250	63
>TP53-R337L QIRGRERFEM	435	>TP53-R337L QIRGRELFFEM	554	119
>TP53-R337L QIRGRERFEM	524	>TP53-R337L QIRGRELFFEM	352	172
>TP53-R337L QIRGRERFEM	628	>TP53-R337L QIRGRELFFEM	363	265
>TP53-R337L LQIRGRER	19456	>TP53-R337L LQIRGREL	250	19206
>TP53-R337L LQIRGRERF	2043	>TP53-R337L LQIRGRELF	495	1548
>TP53-R337L LQIRGRERFEI	192	>TP53-R337L LQIRGRELFFEM	44	148
>TP53-R337L LQIRGRER	138	>TP53-R337L LQIRGREL	16324	16186
>TP53-R337L LQIRGRER	9367	>TP53-R337L LQIRGREL	198	9169
>TP53-R337L LQIRGRERF	54	>TP53-R337L LQIRGRELF	52	2
>TP53-R337L LQIRGRERFEI	105	>TP53-R337L LQIRGRELFFEM	90	15
>TP53-R337L LQIRGRER	495	>TP53-R337L LQIRGREL	42	453
>TP53-R337L LQIRGRERF	12	>TP53-R337L LQIRGRELF	8	4
>TP53-R337L LQIRGRERFEI	34	>TP53-R337L LQIRGRELFFEM	41	7
>TP53-R337L TLQIRGRER	26812	>TP53-R337L TLQIRGREL	305	26507
>TP53-R337L TLQIRGRER	238	>TP53-R337L TLQIRGREL	18989	18751
>TP53-R337L TLQIRGRERF	517	>TP53-R337L TLQIRGRELF	451	66
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>TP53-R337L FTLQIRGRER	7742	>TP53-R337L FTLQIRGREL	121	7621
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>TP53-R337L FTLQIRGRERI	169	>TP53-R337L FTLQIRGRELF	123	46
>TP53-R337L FTLQIRGRERI	289	>TP53-R337L FTLQIRGRELF	960	671
>TP53-R337L FTLQIRGRERI	946	>TP53-R337L FTLQIRGRELF	232	714
>TP53-R337L FTLQIRGRER	50	>TP53-R337L FTLQIRGREL	8682	8632
>TP53-R337L FTLQIRGRER	431	>TP53-R337L FTLQIRGREL	22001	21570
>TP53-R337L FTLQIRGRER	86	>TP53-R337L FTLQIRGREL	27977	27891
>TP53-R337L FTLQIRGRER	14986	>TP53-R337L FTLQIRGREL	452	14534
>TP53-R337L FTLQIRGRERI	585	>TP53-R337L FTLQIRGRELF	381	204
>TP53-R337L FTLQIRGRER	13038	>TP53-R337L FTLQIRGREL	51	12987
>TP53-R337L FTLQIRGRERI	8	>TP53-R337L FTLQIRGRELF	15	7
>TP53-R337L FTLQIRGRERI	289	>TP53-R337L FTLQIRGRELF	172	117
>TP53-R337L FTLQIRGRERI	8	>TP53-R337L FTLQIRGRELF	6	2
>TP53-R342F RELNEALEL	390	>TP53-R342F PELNEALEL	7027	6637
>TP53-R342F RELNEALEL	14	>TP53-R342F PELNEALEL	863	849
>TP53-R342F RELNEALEL	18	>TP53-R342F PELNEALEL	1451	1433
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>TP53-R342F RELNEALEL	19	>TP53-R342F PELNEALEL	1998	1979
>TP53-R342F FRELNEAL	22465	>TP53-R342F FPENLEAL	75	22390
>TP53-R342F FRELNEALEL	379	>TP53-R342F FPENLEALEL	30662	30283

>TP53-R342F FRELNEAL	16897	>TP53-R342F FPELNEAL	40	16857
>TP53-R342F FRELNEALEL	29920	>TP53-R342F FPELNEALEL	44	29876
>TP53-R342F FRELNEAL	31	>TP53-R342F FPELNEAL	78	47
>TP53-R342F FRELNEALEL	65	>TP53-R342F FPELNEALEL	188	123
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>TP53-R342F FRELNEALEL	14483	>TP53-R342F FPELNEALEL	98	14385
>TP53-R342F FRELNEALE	32437	>TP53-R342F FPELNEALE	316	32121
>TP53-R342F FRELNEAL	21321	>TP53-R342F FPELNEAL	106	21215
>TP53-R342F FRELNEALEL	22920	>TP53-R342F FPELNEALEL	93	22827
>TP53-R342F FRELNEALEL	471	>TP53-R342F FPELNEALEL	31429	30958
>TP53-R342F IRGRERFEMF	187	>TP53-R342F IRGRERFEMF	34437	34250
>TP53-R342F MFRELNEAL	659	>TP53-R342F MFPELNEAL	97	562
>TP53-R342F MFRELNEALE	1785	>TP53-R342F MFPELNEALE	359	1426
>TP53-R342F MFRELNEAL	851	>TP53-R342F MFPELNEAL	27	824
>TP53-R342F MFRELNEALE	200	>TP53-R342F MFPELNEALE	12	188
>TP53-R342F MFRELNEA	62	>TP53-R342F MFPELNEA	14061	13999
>TP53-R342F MFRELNEALE	217	>TP53-R342F MFPELNEALE	15445	15228
>TP53-R342F MFRELNEAL	152	>TP53-R342F MFPELNEAL	221	69
>TP53-R342F MFRELNEALE	467	>TP53-R342F MFPELNEALE	650	183
>TP53-R342F EMFRELNEAL	806	>TP53-R342F EMFPELNEAL	270	536
>TP53-R342F EMFRELNEA	133	>TP53-R342F EMFPELNEA	35	98
>TP53-R342F EMFRELNEAL	89	>TP53-R342F EMFPELNEAL	48	41
>TP53-R342F EMFRELNEA	401	>TP53-R342F EMFPELNEA	103	298
>TP53-R342F EMFRELNEAL	360	>TP53-R342F EMFPELNEAL	339	21
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>TP53-R342F EMFRELNEAL	1298	>TP53-R342F EMFPELNEAL	419	879
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>TP53-R342F EMFRELNEAL	24	>TP53-R342F EMFPELNEAL	13	11
>TP53-R342F EMFRELNEA	809	>TP53-R342F EMFPELNEA	484	325
>TP53-R342F EMFRELNEAL	169	>TP53-R342F EMFPELNEAL	103	66
>TP53-R342F EMFRELNEA	812	>TP53-R342F EMFPELNEA	251	561
>TP53-R342F EMFRELNEAL	431	>TP53-R342F EMFPELNEAL	138	293
>TP53-R342F EMFRELNEAL	431	>TP53-R342F EMFPELNEAL	106	325
>TP53-R342F EMFRELNEA	119	>TP53-R342F EMFPELNEA	37	82
>TP53-R342F EMFRELNEAL	72	>TP53-R342F EMFPELNEAL	30	42
>TP53-R342F EMFRELNEAL	272	>TP53-R342F EMFPELNEAL	386	114
>TP53-R342F EMFRELNEA	1685	>TP53-R342F EMFPELNEA	366	1319
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>TP53-R342F EMFRELNEAL	98	>TP53-R342F EMFPELNEAL	106	8
>TP53-R342F EMFRELNEAL	495	>TP53-R342F EMFPELNEAL	215	280
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>TP53-R342F FEMFRELNEA	394	>TP53-R342F FEMFPELNEA	586	192
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>TP53-R342F FEMFRELNEA	724	>TP53-R342F FEMFPELNEA	426	298
>TP53-R342F FEMFRELNEA	253	>TP53-R342F FEMFPELNEA	243	10
>TP53-R342F FEMFRELNEA	94	>TP53-R342F FEMFPELNEA	92	2
>TP53-R342F FEMFRELNEA	18	>TP53-R342F FEMFPELNEA	11	7
>TP53-R342F FEMFRELNEA	47	>TP53-R342F FEMFPELNEA	45	2
>TP53-R342F FEMFRELNEA	671	>TP53-R342F FEMFPELNEA	404	267
>TP53-R342F FEMFRELNEA	29	>TP53-R342F FEMFPELNEA	36	7
>TP53-R342F RFEMFREL	253	>TP53-R342F RFEMFPEL	164	89
>TP53-R342F RFEMFREL	308	>TP53-R342F RFEMFPEL	415	107
>TP53-R342F ERFEMFREL	666	>TP53-R342F ERFEMFPEL	477	189
>TP53-R342F ERFEMFREL	185	>TP53-R342F ERFEMFPEL	316	131
>TP53-R342F ERFEMFREL	421	>TP53-R342F ERFEMFPEL	109	312
>TP53-R342F ERFEMFREL	172	>TP53-R342F ERFEMFPEL	152	20
>TP53-R342F ERFEMFREL	10	>TP53-R342F ERFEMFPEL	12	2
>TP53-R342F RERFEMFR	166	>TP53-R342F RERFEMFP	21820	21654
>TP53-R342F RERFEMFREL	48	>TP53-R342F RERFEMFPEL	44	4
>TP53-R342F RERFEMFREL	142	>TP53-R342F RERFEMFPEL	383	241
>TP53-R342F RERFEMFREL	29	>TP53-R342F RERFEMFPEL	27	2
>TP53-R342F RERFEMFR	144	>TP53-R342F RERFEMFP	30395	30251
>TP53-R342F GRERFEMFR	71	>TP53-R342F GRERFEMFPEL	67	4
>TP53-R342F GRERFEMFR	11	>TP53-R342F GRERFEMFPEL	11	0
>TP53-R342F RGRERFEMFI	35	>TP53-R342F RGRERFEMFI	170	135
>TP53-R342F RGRERFEMFI	39	>TP53-R342F RGRERFEMFI	18152	18113
>TP53-R342F RGRERFEMFI	95	>TP53-R342F RGRERFEMFI	29300	29205
>TP53-R342C RELNEALEL	906	>TP53-R342C QELNEALEL	250	656
>TP53-R342C RELNEALEL	390	>TP53-R342C QELNEALEL	2424	2034
>TP53-R342C RELNEALEL	14	>TP53-R342C QELNEALEL	91	77
>TP53-R342C RELNEALEL	18	>TP53-R342C QELNEALEL	97	79
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>TP53-R342C FRELNEALEL	12033	>TP53-R342C FQELNEALEL	394	11639
>TP53-R342C FRELNEALEL	379	>TP53-R342C FQELNEALEL	15876	15497
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>TP53-R342C FRELNEALEL	65	>TP53-R342C FQELNEALEL	55	10
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>TP53-R342CMFRELNEALE	217	>TP53-R342C MFQELNEALI	11491	11274
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>TP53-R342CMFRELNEAL	152	>TP53-R342C MFQELNEAL	105	47
>TP53-R342CMFRELNEALE	467	>TP53-R342C MFQELNEALI	350	117
>TP53-R342CEMFRELNEAL	806	>TP53-R342C EMFQELNEAI	380	426
>TP53-R342CEMFRELNEA	133	>TP53-R342C EMFQELNEA	82	51
>TP53-R342CEMFRELNEAL	89	>TP53-R342C EMFQELNEAI	50	39
>TP53-R342CEMFRELNEA	401	>TP53-R342C EMFQELNEA	359	42
>TP53-R342CEMFRELNEAL	360	>TP53-R342C EMFQELNEAI	317	43
>TP53-R342CEMFRELNEA	161	>TP53-R342C EMFQELNEA	92	69
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>TP53-R342CEMFRELNEAL	169	>TP53-R342C EMFQELNEAI	206	37
>TP53-R342CEMFRELNEA	812	>TP53-R342C EMFQELNEA	382	430
>TP53-R342CEMFRELNEAL	431	>TP53-R342C EMFQELNEAI	215	216
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>TP53-R342CEMFRELNEA	119	>TP53-R342C EMFQELNEA	89	30
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>TP53-R342CEMFRELNEAL	272	>TP53-R342C EMFQELNEAI	252	20
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>TP53-R342CEMFRELNEAL	98	>TP53-R342C EMFQELNEAI	172	74
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>TP53-R342CFEMFRELNEA	301	>TP53-R342C FEMFQELNEA	459	158
>TP53-R342CFEMFRELNEA	394	>TP53-R342C FEMFQELNEA	315	79
>TP53-R342CFEMFRELNEA	253	>TP53-R342C FEMFQELNEA	167	86
>TP53-R342CFEMFRELNEA	94	>TP53-R342C FEMFQELNEA	82	12
>TP53-R342CFEMFRELNEA	18	>TP53-R342C FEMFQELNEA	14	4
>TP53-R342CFEMFRELNEA	47	>TP53-R342C FEMFQELNEA	31	16
>TP53-R342CFEMFRELNEA	671	>TP53-R342C FEMFQELNEA	430	241
>TP53-R342CFEMFRELNEA	29	>TP53-R342C FEMFQELNEA	27	2
>TP53-R342CRFEMFREL	253	>TP53-R342C RFEMFQEL	98	155
>TP53-R342CRFEMFREL	308	>TP53-R342C RFEMFQEL	650	342
>TP53-R342CERFEMFREL	666	>TP53-R342C ERFEMFQEL	263	403
>TP53-R342CERFEMFREL	185	>TP53-R342C ERFEMFQEL	339	154
>TP53-R342CERFEMFREL	421	>TP53-R342C ERFEMFQEL	111	310
>TP53-R342CERFEMFREL	172	>TP53-R342C ERFEMFQEL	277	105
>TP53-R342CERFEMFREL	10	>TP53-R342C ERFEMFQEL	20	10
>TP53-R342CERFEMFR	166	>TP53-R342C RERFEMFQ	18081	17915
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>TP53-R342CERFEMFRE	1074	>TP53-R342C RERFEMFQE	480	594
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>TP53-R342CERFEMFR	144	>TP53-R342C RERFEMFQ	10884	10740
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>TP53-R342C GRERFEMFRI	11	>TP53-R342C GRERFEMFQ	14	3
>TP53-R342C RGRERFEMFI	35	>TP53-R342C RGRERFEMFC	73	38
>TP53-R342C RGRERFEMFI	39	>TP53-R342C RGRERFEMFC	10261	10222
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>TP53-R379F RHKKLMFK	13	>TP53-R379F HHKKLMFK	28	15
>TP53-R379F RHKKLMFK	356	>TP53-R379F HHKKLMFK	1647	1291
>TP53-R379F SRHKKLMFK	20	>TP53-R379F SHHKKLMFK	34	14
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>TP53-R379F LKSKKGQSTS	207	>TP53-R379F LKSKKGQSTS	176	31
>TP53-R379F TSRHKKLMFK	23	>TP53-R379F TSHHKKLMFK	25	2
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>TP53-R379F TSRHKKLMFK	4	>TP53-R379F TSHHKKLMFK	8	4
>TP53-R379F TSRHKKLMFK	86	>TP53-R379F TSHHKKLMFK	276	190
>TP53-R379F TSRHKKLMFK	798	>TP53-R379F TSHHKKLMFK	270	528
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>TP53-R379F TSRHKKLM	40	>TP53-R379F TSHHKKLM	198	158
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>TP53-R379F STSRHKKLMF	83	>TP53-R379F STSHHKKLMF	111	28
>TP53-R379F STSRHKKLMF	31	>TP53-R379F STSHHKKLMF	29	2
>TP53-R379F STSRHKKLMF	663	>TP53-R379F STSHHKKLMF	306	357
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>TP53-R379F STSRHKKLM	48	>TP53-R379F STSHHKKLM	39	9
>TP53-R379F STSRHKKLMF	22	>TP53-R379F STSHHKKLMF	28	6
>TP53-R379F STSRHKKLMF	86	>TP53-R379F STSHHKKLMF	70	16
>TP53-R379F STSRHKKL	734	>TP53-R379F STSHHKKL	490	244
>TP53-R379F QSTSRHKK	199	>TP53-R379F QSTSHHKK	143	56
>TP53-R379F QSTSRHKK	125	>TP53-R379F QSTSHHKK	116	9
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>TP53-R379F QSTSRHKKL	62	>TP53-R379F QSTSHHKKL	79	17
>TP53-R379F QSTSRHKKLM	272	>TP53-R379F QSTSHHKKLM	249	23
>TP53-R379F QSTSRHKKLM	11	>TP53-R379F QSTSHHKKLM	13	2
>TP53-R379F QSTSRHKKL	1023	>TP53-R379F QSTSHHKKL	184	839
>TP53-R379F QSTSRHKKLM	724	>TP53-R379F QSTSHHKKLM	252	472

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>TP53-R379F-QSTSRHKKLM	49	>TP53-R379F-QSTSHHKKLM	62	13
>TP53-R379F-QSTSRHKKLM	61	>TP53-R379F-QSTSHHKKLM	99	38
>TP53-R379F-QSTSRHKK	439	>TP53-R379F-QSTSHHKK	180	259
>TP53-R379F-GQSTSRHK	268	>TP53-R379F-GQSTSHHK	63	205
>TP53-R379F-GQSTSRHKK	39	>TP53-R379F-GQSTSHHKK	35	4
>TP53-R379F-GQSTSRHKKL	229	>TP53-R379F-GQSTSHHKKL	134	95
>TP53-R379F-GQSTSRHKKL	256	>TP53-R379F-GQSTSHHKKL	178	78
>TP53-R379F-KGQSTSRHK	33	>TP53-R379F-KGQSTSHHK	28	5
>TP53-R379F-KGQSTSRHKK	80	>TP53-R379F-KGQSTSHHKK	62	18
>TP53-R379F-KGQSTSRHK	2658	>TP53-R379F-KGQSTSHHK	396	2262
>TP53-R379F-KKGQSTSR	357	>TP53-R379F-KKGQSTSH	345	12
>TP53-R379F-KKGQSTSRH	1080	>TP53-R379F-KKGQSTSHH	325	755
>TP53-R379F-KKGQSTSR	104	>TP53-R379F-KKGQSTSH	24389	24285
>TP53-R379F-SKKKGQSTSRH	91	>TP53-R379F-SKKKGQSTSH	80	11
>TP53-R379F-KSKKGQSTSR	18	>TP53-R379F-KSKKGQSTSH	170	152
>TP53-R379F-KSKKGQSTSR	313	>TP53-R379F-KSKKGQSTSH	106	207
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>TP53-R379F-KSKKGQSTSR	5275	>TP53-R379F-KSKKGQSTSH	344	4931
>TP53-R379F-KSKKGQSTSR	131	>TP53-R379F-KSKKGQSTSH	317	186
>TP53-R379F-KSKKGQSTSR	32	>TP53-R379F-KSKKGQSTSH	133	101
>TP53-R72C-RVAPAPAA	259	>TP53-R72C-CVAPAPAA	846	587
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>TP53-R72C-RVAPAPAA	77	>TP53-R72C-CVAPAPAA	5078	5001
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>TP53-R72C-RVAPAPAA	432	>TP53-R72C-CVAPAPAA	10919	10487
>TP53-R72C-EAPRMPEAA	30	>TP53-R72C-EAPRMPEAA	32217	32187
>TP53-R72C-APRVAPAPA	22	>TP53-R72C-APCVAPAPA	2059	2037
>TP53-R72C-APRVAPAPA/	334	>TP53-R72C-APCVAPAPA/	4146	3812
>TP53-R72C-APRVAPAPA	61	>TP53-R72C-APCVAPAPA	129	68
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>TP53-R72C-AAPRVAPA	2376	>TP53-R72C-AAPCVAPA	481	1895
>TP53-R72C-EAAPRVAPA	8	>TP53-R72C-EAAPCVAPA	5	3
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>TP53-R72C-EAAPRVAPA	130	>TP53-R72C-EAAPCVAPA	103	27
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>TP53-R72C-EAAPRVAPAF	1801	>TP53-R72C-EAAPCVAPAF	434	1367
>TP53-R72C-PEAAPRVAPA/	591	>TP53-R72C-PEAAPCVAPA/	252	339
>TP53-R72C-MPEAAPRV	23	>TP53-R72C-MPEAAPCV	68	45
>TP53-R72C-MPEAAPRV	487	>TP53-R72C-MPEAAPCV	1153	666
>TP53-R72C-MPEAAPRVA	177	>TP53-R72C-MPEAAPCVA	806	629
>TP53-R72C-MPEAAPRVA	65	>TP53-R72C-MPEAAPCVA	133	68

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>TP53-R72C- MPEAAPRVA	76	>TP53-R72C- MPEAAPCVA	35	41
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>TP53-S116C FRLGFLHS	142	>TP53-S116C FRLGFLHC	528	386
>TP53-S116C FRLGFLHSG	306	>TP53-S116C FRLGFLHCG	412	106
>TP53-S116C FRLGFLHSGT	412	>TP53-S116C FRLGFLHCGT	972	560
>TP53-S116C FRLGFLHSGT	174	>TP53-S116C FRLGFLHCGT	381	207
>TP53-S116F SGTAKSVTCT	1421	>TP53-S116F FGTAKSVTCT	384	1037
>TP53-S116F SGTAKSVTCT	585	>TP53-S116F FGTAKSVTCT	52	533
>TP53-S116F SGTAKSVTCT	374	>TP53-S116F FGTAKSVTCT	269	105
>TP53-S116F SYGFRLGFLH:	17696	>TP53-S116F SYGFRLGFLH	44	17652
>TP53-S116F SYGFRLGFLH:	8493	>TP53-S116F SYGFRLGFLH	39	8454
>TP53-S116F SYGFRLGFLH:	1998	>TP53-S116F SYGFRLGFLH	6	1992
>TP53-S116F SYGFRLGFLH:	8652	>TP53-S116F SYGFRLGFLH	273	8379
>TP53-S116F SYGFRLGFLH:	1519	>TP53-S116F SYGFRLGFLH	101	1418
>TP53-S116F LHSGTAKSV	1632	>TP53-S116F LHFGTAKSV	193	1439
>TP53-S116F LHSGTAKSV	884	>TP53-S116F LHFGTAKSV	294	590
>TP53-S116F FLHSGTAKSV	122	>TP53-S116F FLHFGTAKSV	141	19
>TP53-S116F FLHSGTAKS	179	>TP53-S116F FLHFGTAKS	263	84
>TP53-S116F FLHSGTAKSV	13	>TP53-S116F FLHFGTAKSV	33	20
>TP53-S116F FLHSGTAKSV	413	>TP53-S116F FLHFGTAKSV	482	69
>TP53-S116F FLHSGTAKS	26	>TP53-S116F FLHFGTAKS	34	8
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>TP53-S116F FLHSGTAKSV	27	>TP53-S116F FLHFGTAKSV	34	7
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>TP53-S116F FLHSGTAKSV	116	>TP53-S116F FLHFGTAKSV	212	96
>TP53-S116F FLHSGTAKSV	5	>TP53-S116F FLHFGTAKSV	5	0
>TP53-S116F FLHSGTAKSV	7	>TP53-S116F FLHFGTAKSV	9	2
>TP53-S116F FLHSGTAKSV	7	>TP53-S116F FLHFGTAKSV	8	1
>TP53-S116F FLHSGTAK	124	>TP53-S116F FLHFGTAK	334	210
>TP53-S116F FLHSGTAKS	31	>TP53-S116F FLHFGTAKS	103	72
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>TP53-S116F FLHSGTAKSV	13	>TP53-S116F FLHFGTAKSV	28	15
>TP53-S116F FLHSGTAK	114	>TP53-S116F FLHFGTAK	116	2
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>TP53-S116F RLGFLHSGTA	43	>TP53-S116F RLGFLHFGTA	43	0
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>TP53-S116F RLGFLHSGTA	384	>TP53-S116F RLGFLHFGTA	358	26
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>TP53-S116F FRLGFLHSG	306	>TP53-S116F FRLGFLHFG	311	5
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>TP53-S116F YGFRLGFLHS	20542	>TP53-S116F YGFRLGFLHF	250	20292
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>TP53-S121F SVTCTYSPAL	1772	>TP53-S121F FVTCTYSPAL	492	1280
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>TP53-S121F SVTCTYSPAL	149	>TP53-S121F FVTCTYSPAL	63	86
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>TP53-S121F KSVTCTYSPA	198	>TP53-S121F KFVTCTYSPA	10642	10444
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>TP53-S121F AKSVTCTY	8	>TP53-S121F AKFVTCTY	3	5
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>TP53-S121F TAKSVTCTY	336	>TP53-S121F TAKFVTCTY	683	347
>TP53-S121F GTAKSVTCTY	466	>TP53-S121F GTAKFVTCTY	260	206
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>TP53-S121F GTAKSVTCTY	122	>TP53-S121F GTAKFVTCTY	78	44
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>TP53-S121F GTAKSVTCTY	461	>TP53-S121F GTAKFVTCTY	771	310
>TP53-S121F GTAKSVTCTY	8	>TP53-S121F GTAKFVTCTY	18	10
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>TP53-S121F GTAKSVTCTY	143	>TP53-S121F GTAKFVTCTY	172	29
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>TP53-S121F FLHSGTAKS	179	>TP53-S121F FLHSGTAKF	122	57
>TP53-S121F FLHSGTAKSV	13	>TP53-S121F FLHSGTAKFV	11	2
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>TP53-S121F FLHSGTAKSV	27	>TP53-S121F FLHSGTAKFV	60	33
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>TP53-S121F GFLHSGTAKS	38557	>TP53-S121F GFLHSGTAKF	330	38227
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>TP53-S127C SPALNKMFC	432	>TP53-S127C CPALNKMFC	5954	5522
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>TP53-S127C SPALNKMFC	372	>TP53-S127C CPALNKMFC	1075	703
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>TP53-S127C SPALNKMFC	1312	>TP53-S127C CPALNKMFC	250	1062
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>TP53-S127C SPALNKMFC	2488	>TP53-S127C CPALNKMFC	465	2023
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>TP53-S127C YSPALNKMFC	22	>TP53-S127C YCPALNKMFC	3353	3331
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>TP53-S127C TYSPALNKMFC	136	>TP53-S127C TYCPALNKMFC	73	63
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>TP53-S127C TYSPALNKMFC	179	>TP53-S127C TYCPALNKMFC	159	20
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>TP53-S127C TYSPALNKMFC	5	>TP53-S127C TYCPALNKMFC	5	0
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>TP53-S127C TYSPALNKMFC	11	>TP53-S127C CTYCPALNKMFC	14	3
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>TP53-S127C TYSPALNKMFC	246	>TP53-S127C CTYCPALNKMFC	107	139
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>TP53-S127C TYSPALNKMFC	30	>TP53-S127C CTYCPALNKMFC	52	22
>TP53-S127C TYSPALNKMFC	488	>TP53-S127C CTYCPALNKMFC	362	126
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>TP53-S127C SVTCTYSPAL	268	>TP53-S127C SVTCTYCPAL	242	26
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>TP53-S127C KSVTCTYSPA	113	>TP53-S127C KSVTCTYCPA	327	214
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>TP53-S127C AKSVTCTYSP	483	>TP53-S127C AKSVTCTYCP	1274	791
>TP53-S127C AKSVTCTYSP	56	>TP53-S127C AKSVTCTYCP	99	43
>TP53-S127F SPALNKMFC	432	>TP53-S127F FPALNKMFC	518	86
>TP53-S127F SPALNKMFC	100	>TP53-S127F FPALNKMFC	90	10
>TP53-S127F SPALNKMFC	41	>TP53-S127F FPALNKMFC	40	1
>TP53-S127F SPALNKMFC	372	>TP53-S127F FPALNKMFC	171	201
>TP53-S127F SPALNKMFC	326	>TP53-S127F FPALNKMFC	21	305
>TP53-S127F SPALNKMFC	6832	>TP53-S127F FPALNKMFC	317	6515
>TP53-S127F SPALNKMFC	2976	>TP53-S127F FPALNKMFC	232	2744
>TP53-S127F SPALNKMFC	1632	>TP53-S127F FPALNKMFC	240	1392
>TP53-S127F SPALNKMFC	1312	>TP53-S127F FPALNKMFC	51	1261
>TP53-S127F SPALNKMFC	1556	>TP53-S127F FPALNKMFC	91	1465
>TP53-S127F SPALNKMFC	10644	>TP53-S127F FPALNKMFC	289	10355

>TP53-S127F SPALNKMFC	2488	>TP53-S127F FPALNKMFC	67	2421
>TP53-S127F SPALNKMF	450	>TP53-S127F FPALNKMF	394	56
>TP53-S127F SPALNKMF	677	>TP53-S127F FPALNKMF	25	652
>TP53-S127F SPALNKMFC	3117	>TP53-S127F FPALNKMFC	178	2939
>TP53-S127F YSPALNKMF	6359	>TP53-S127F YFPALNKMF	251	6108
>TP53-S127F YSPALNKMF	2228	>TP53-S127F YFPALNKMF	152	2076
>TP53-S127F YSPALNKM	12700	>TP53-S127F YFPALNKM	83	12617
>TP53-S127F YSPALNKMF	384	>TP53-S127F YFPALNKMF	4	380
>TP53-S127F YSPALNKMF	3198	>TP53-S127F YFPALNKMF	347	2851
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>TP53-S127F YSPALNKMFC	22	>TP53-S127F YFPALNKMFC	3511	3489
>TP53-S127F YSPALNKMFC	124	>TP53-S127F YFPALNKMFC	12294	12170
>TP53-S127F YSPALNKM	67	>TP53-S127F YFPALNKM	6933	6866
>TP53-S127F YSPALNKMF	103	>TP53-S127F YFPALNKMF	3268	3165
>TP53-S127F GTAKSVTCTY	16051	>TP53-S127F GTAKSVTCTY	218	15833
>TP53-S127F GTAKSVTCTY	19414	>TP53-S127F GTAKSVTCTY	101	19313
>TP53-S127F GTAKSVTCTY	11986	>TP53-S127F GTAKSVTCTY	8	11978
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>TP53-S127F GTAKSVTCTY	7855	>TP53-S127F GTAKSVTCTY	175	7680
>TP53-S127F GTAKSVTCTY	672	>TP53-S127F GTAKSVTCTY	5	667
>TP53-S127F TYSPALNKM	8408	>TP53-S127F TYFPALNKM	393	8015
>TP53-S127F TYSPALNKM	136	>TP53-S127F TYFPALNKM	79	57
>TP53-S127F TYSPALNK	220	>TP53-S127F TYFPALNK	67	153
>TP53-S127F TYSPALNK	1483	>TP53-S127F TYFPALNK	294	1189
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>TP53-S127F TYSPALNKM	27	>TP53-S127F TYFPALNKM	14	13
>TP53-S127F TYSPALNKMF	5	>TP53-S127F TYFPALNKMF	4	1
>TP53-S127F TYSPALNKMF	551	>TP53-S127F TYFPALNKMF	177	374
>TP53-S127F TYSPALNKMF	586	>TP53-S127F TYFPALNKMF	216	370
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>TP53-S127F TYSPALNK	1077	>TP53-S127F TYFPALNK	205	872
>TP53-S127F TYSPALNKMF	1792	>TP53-S127F TYFPALNKMF	241	1551
>TP53-S127F TYSPALNK	674	>TP53-S127F TYFPALNK	113	561
>TP53-S127F TYSPALNKMF	439	>TP53-S127F TYFPALNKMF	324	115
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>TP53-S127F CTYSPALNK	11	>TP53-S127F CTYFPALNK	11	0
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>TP53-S127F CTYSPALNKM	23	>TP53-S127F CTYFPALNKM	75	52
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>TP53-S127F CTYSPALNKM	5	>TP53-S127F CTYFPALNKM	4	1
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>TP53-S127F CTYSPALNKM	13	>TP53-S127F CTYFPALNKM	19	6
>TP53-S127F CTYSPALNK	572	>TP53-S127F CTYFPALNK	372	200
>TP53-S127F CTYSPALNKM	358	>TP53-S127F CTYFPALNKM	437	79
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>TP53-S127F TCTYSPALNK	807	>TP53-S127F TCTYFPALNK	409	398
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>TP53-S127F VTCTYSPA	415	>TP53-S127F VTCTYFPA	871	456
>TP53-S127F VTCTYSPAL	981	>TP53-S127F VTCTYFPAL	207	774
>TP53-S127F VTCTYSPA	1839	>TP53-S127F VTCTYFPA	163	1676
>TP53-S127F VTCTYSPAL	397	>TP53-S127F VTCTYFPAL	39	358
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>TP53-S127F VTCTYSPALN	146	>TP53-S127F VTCTYFPALN	188	42
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>TP53-S127F SVTCTYSPA	118	>TP53-S127F SVTCTYFPA	422	304
>TP53-S127F SVTCTYSPA	468	>TP53-S127F SVTCTYFPA	53	415
>TP53-S127F SVTCTYSPAL	268	>TP53-S127F SVTCTYFPAL	87	181
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>TP53-S127F SVTCTYSPA	45	>TP53-S127F SVTCTYFPA	15	30
>TP53-S127F SVTCTYSPAL	1417	>TP53-S127F SVTCTYFPAL	371	1046
>TP53-S127F SVTCTYSPA	583	>TP53-S127F SVTCTYFPA	63	520
>TP53-S127F SVTCTYSPAL	149	>TP53-S127F SVTCTYFPAL	66	83
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>TP53-S127F KSVTCTYSPA	149	>TP53-S127F KSVTCTYFPA	96	53
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>TP53-S127F KSVTCTYS	16140	>TP53-S127F KSVTCTYF	296	15844
>TP53-S127F KSVTCTYSPAI	107	>TP53-S127F KSVTCTYFPAI	266	159
>TP53-S127F KSVTCTYS	6519	>TP53-S127F KSVTCTYF	15	6504
>TP53-S127F KSVTCTYSPA	349	>TP53-S127F KSVTCTYFPA	975	626
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>TP53-S127F KSVTCTYS	4057	>TP53-S127F KSVTCTYF	4	4053
>TP53-S127F KSVTCTYSPAI	6	>TP53-S127F KSVTCTYFPAI	11	5
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>TP53-S127F KSVTCTYSPAI	113	>TP53-S127F KSVTCTYFPAI	149	36
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>TP53-S127F KSVTCTYS	20263	>TP53-S127F KSVTCTYF	273	19990
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>TP53-S127F AKSVTCTYSP	483	>TP53-S127F AKSVTCTYFP	1281	798
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>TP53-S127F AKSVTCTYSP,	1921	>TP53-S127F AKSVTCTYFP,	442	1479
>TP53-S127F TAKSVTCTYS	17440	>TP53-S127F TAKSVTCTYF	269	17171
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>TP53-S127P SPALNKMFC	372	>TP53-S127P PPALNKMFC	2868	2496
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>TP53-S127P YSPALNKMF	30125	>TP53-S127P YPPALNKMF	286	29839
>TP53-S127P YSPALNKMF	384	>TP53-S127P YPPALNKMF	3115	2731
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>TP53-S127P YSPALNKMF	104	>TP53-S127P YPPALNKMF	1421	1317
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>TP53-S127P YSPALNKM	40	>TP53-S127P YPPALNKM	811	771
>TP53-S127P YSPALNKMF	3	>TP53-S127P YPPALNKMF	54	51
>TP53-S127P YSPALNKMFC	22	>TP53-S127P YPPALNKMFC	1797	1775
>TP53-S127P YSPALNKMFC	124	>TP53-S127P YPPALNKMFC	8074	7950
>TP53-S127P YSPALNKM	67	>TP53-S127P YPPALNKM	5938	5871
>TP53-S127P YSPALNKMF	103	>TP53-S127P YPPALNKMF	2792	2689
>TP53-S127P YSPALNKMF	16796	>TP53-S127P YPPALNKMF	400	16396
>TP53-S127P TYSPALNKM	136	>TP53-S127P TYPPALNKM	4268	4132
>TP53-S127P TYSPALNK	220	>TP53-S127P TYPPALNK	2405	2185

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>TP53-S127PTYSPALNKM	1122	>TP53-S127PTYPPALNKM	414	708
>TP53-S127PTYSPALNKMF	64	>TP53-S127PTYPPALNKMI	34	30
>TP53-S127PTYSPALNK	1599	>TP53-S127PTYPPALNK	360	1239
>TP53-S127PTYSPALNKM	27	>TP53-S127PTYPPALNKM	9	18
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>TP53-S127PTYSPALNKMF	551	>TP53-S127PTYPPALNKMI	82	469
>TP53-S127PTYSPALNK	222	>TP53-S127PTYPPALNK	2071	1849
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>TP53-S127PTYSPALNKMF	439	>TP53-S127PTYPPALNKMI	1132	693
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>TP53-S127PCTYSPALNKM	343	>TP53-S127PCTYPPALNKM	179	164
>TP53-S127PCTYSPALNKM	63	>TP53-S127PCTYPPALNKM	178	115
>TP53-S127PCTYSPALNKM	380	>TP53-S127PCTYPPALNKM	1096	716
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>TP53-S127PCTYSPALNK	30	>TP53-S127PCTYPPALNK	47	17
>TP53-S127PCTYSPALNKM	488	>TP53-S127PCTYPPALNKM	589	101
>TP53-S127PCTYSPALNKM	23	>TP53-S127PCTYPPALNKM	32	9
>TP53-S127PCTYSPALNKM	24	>TP53-S127PCTYPPALNKM	14	10
>TP53-S127PCTYSPALNKM	5	>TP53-S127PCTYPPALNKM	4	1
>TP53-S127PCTYSPALNKM	1345	>TP53-S127PCTYPPALNKM	441	904
>TP53-S127PCTYSPALNKM	627	>TP53-S127PCTYPPALNKM	331	296
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>TP53-S127PCTYSPALNKM	146	>TP53-S127PCTYPPALNKM	121	25
>TP53-S127PCTYSPALNKM	30	>TP53-S127PCTYPPALNKM	36	6
>TP53-S127PCTYSPALNKM	13	>TP53-S127PCTYPPALNKM	22	9
>TP53-S127PCTYSPALNK	572	>TP53-S127PCTYPPALNK	442	130
>TP53-S127PCTYSPALNKM	358	>TP53-S127PCTYPPALNKM	180	178
>TP53-S127PTCTYSPALNK	453	>TP53-S127PTCTYPPALNK	279	174
>TP53-S127PVTCTYSPA	415	>TP53-S127PVTCTYPPA	922	507
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>TP53-S127PVTCTYSPALN	14	>TP53-S127PVTCTYPPALN	14	0
>TP53-S127PVTCTYSPAL	720	>TP53-S127PVTCTYPPAL	466	254
>TP53-S127PVTCTYSPALN	146	>TP53-S127PVTCTYPPALN	190	44
>TP53-S127PVTCTYSPALN	490	>TP53-S127PVTCTYPPALN	785	295
>TP53-S127PVTCTYSPAL	12	>TP53-S127PVTCTYPPAL	25	13
>TP53-S127PVTCTYSPAL	66	>TP53-S127PVTCTYPPAL	274	208

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>TP53-S127P SVTCTYSPA	468	>TP53-S127P SVTCTYPPA	153	315
>TP53-S127P SVTCTYSPAL	268	>TP53-S127P SVTCTYPPAL	306	38
>TP53-S127P SVTCTYSPA	241	>TP53-S127P SVTCTYPPA	45	196
>TP53-S127P SVTCTYSPA	45	>TP53-S127P SVTCTYPPA	425	380
>TP53-S127P SVTCTYSPA	583	>TP53-S127P SVTCTYPPA	102	481
>TP53-S127P SVTCTYSPAL	149	>TP53-S127P SVTCTYPPAL	130	19
>TP53-S127P KSVTCTYSPA	396	>TP53-S127P KSVTCTYPPA	888	492
>TP53-S127P KSVTCTYSPA	149	>TP53-S127P KSVTCTYPPA	57	92
>TP53-S127P KSVTCTYSPA	488	>TP53-S127P KSVTCTYPPA	669	181
>TP53-S127P KSVTCTYSPA	107	>TP53-S127P KSVTCTYPPA	121	14
>TP53-S127P KSVTCTYSPA	349	>TP53-S127P KSVTCTYPPA	691	342
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>TP53-S127P KSVTCTYSPA	6	>TP53-S127P KSVTCTYPPA	8	2
>TP53-S127P KSVTCTYSPA	113	>TP53-S127P KSVTCTYPPA	115	2
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>TP53-S127P AKSVTCTYSP	483	>TP53-S127P AKSVTCTYPP	459	24
>TP53-S127P AKSVTCTYSP	56	>TP53-S127P AKSVTCTYPP	94	38
>TP53-S127Y SPALNKMFC	432	>TP53-S127Y YPALNKMFC	627	195
>TP53-S127Y SPALNKMFC	100	>TP53-S127Y YPALNKMFC	54	46
>TP53-S127Y SPALNKMFC	41	>TP53-S127Y YPALNKMFC	29	12
>TP53-S127Y SPALNKMFC	372	>TP53-S127Y YPALNKMFC	172	200
>TP53-S127Y SPALNKMFC	326	>TP53-S127Y YPALNKMFC	20	306
>TP53-S127Y SPALNKMFC	2976	>TP53-S127Y YPALNKMFC	214	2762
>TP53-S127Y SPALNKMFC	1632	>TP53-S127Y YPALNKMFC	221	1411
>TP53-S127Y SPALNKMFC	1312	>TP53-S127Y YPALNKMFC	199	1113
>TP53-S127Y SPALNKMFC	1556	>TP53-S127Y YPALNKMFC	253	1303
>TP53-S127Y SPALNKMFC	2488	>TP53-S127Y YPALNKMFC	460	2028
>TP53-S127Y SPALNKMFC	450	>TP53-S127Y YPALNKMFC	78	372
>TP53-S127Y SPALNKMFC	677	>TP53-S127Y YPALNKMFC	105	572
>TP53-S127Y YSPALNKMFC	6359	>TP53-S127Y YYPALNKMFC	153	6206
>TP53-S127Y YSPALNKMFC	17095	>TP53-S127Y YYPALNKMFC	411	16684
>TP53-S127Y YSPALNKMFC	2228	>TP53-S127Y YYPALNKMFC	42	2186
>TP53-S127Y YSPALNKMFC	12700	>TP53-S127Y YYPALNKMFC	7	12693
>TP53-S127Y YSPALNKMFC	384	>TP53-S127Y YYPALNKMFC	3	381
>TP53-S127Y YSPALNKMFC	14735	>TP53-S127Y YYPALNKMFC	34	14701
>TP53-S127Y YSPALNKMFC	104	>TP53-S127Y YYPALNKMFC	1914	1810
>TP53-S127Y YSPALNKMFC	43	>TP53-S127Y YYPALNKMFC	23290	23247
>TP53-S127Y YSPALNKMFC	40	>TP53-S127Y YYPALNKMFC	1345	1305
>TP53-S127Y YSPALNKMFC	3	>TP53-S127Y YYPALNKMFC	128	125
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>TP53-S127Y YSPALNKMFC	124	>TP53-S127Y YYPALNKMFC	13706	13582
>TP53-S127Y YSPALNKMFC	67	>TP53-S127Y YYPALNKMFC	8422	8355

>TP53-S127Y YSPALNKMF	103	>TP53-S127Y YYPALNKMF	4650	4547
>TP53-S127Y GTAKSVTCTY	15865	>TP53-S127Y GTAKSVTCTY	145	15720
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>TP53-S127Y TYSPALNKMF	5	>TP53-S127Y TYYPALNKMF	5	0
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>TP53-S127Y SVTCTYSPAL	268	>TP53-S127Y SVTCTYYPAL	225	43
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>TP53-S149F DSTPPPGRV	372	>TP53-S149F DFTPPPGRV	58	314
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>TP53-S149F LWVDSTPPPC	485	>TP53-S149F LWVDFTPPPC	294	191
>TP53-S149F VQLWVDST	120	>TP53-S149F VQLWVDFT	39	81
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>TP53-S149F CPVQLWVDS	635	>TP53-S149F CPVQLWVDF	355	280
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>TP53-S149P WVDSTPPPG	489	>TP53-S149P WVDPTPPPG	505	16
>TP53-S149P LWVDSTPP	386	>TP53-S149P LWVDPTPP	419	33
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>TP53-S149T STPPPGRV	136	>TP53-S149T TTPPPPGRV	795	659
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>TP53-S149T STPPPGRVR	82	>TP53-S149T TTPPPPGRVR	27	55
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>TP53-S149T DSTPPPGRV	372	>TP53-S149T DTTPPPGRV	111	261
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>TP53-S166A QSQHMTEVV	230	>TP53-S166A QAQHMTEV\	549	319
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>TP53-S166A QSQHMTEV	206	>TP53-S166A QAQHMTEV	177	29
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>TP53-S166A QSQHMTEVV	306	>TP53-S166A QAQHMTEV\	1437	1131
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>TP53-S166A KQSQHMTEV	82	>TP53-S166A KQAQHMTEV	34	48
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>TP53-S166A KQSQHMTEV	298	>TP53-S166A KQAQHMTEV	305	7
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>TP53-S166A YKQSQHMTE	467	>TP53-S166A YKQAQHMTE	388	79
>TP53-S166A YKQSQHMTE	30	>TP53-S166A YKQAQHMTE	59	29



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>TP53-S166AIYKQSQHM	561	>TP53-S166AIYKQAQHM	330	231
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>TP53-S166AIIYKQSQHM	804	>TP53-S166AIIYKQAQHM	395	409
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>TP53-S166AMAIYKQSQH	672	>TP53-S166AMAIYKQAQH	425	247
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>TP53-S166AMAIYKQSQI	221	>TP53-S166AMAIYKQAQ	265	44
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>TP53-S166AMAIYKQS	3937	>TP53-S166AMAIYKQA	44	3893
>TP53-S166AMAIYKQS	2603	>TP53-S166AMAIYKQA	82	2521
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>TP53-S166CSQHMTEVV	321	>TP53-S166CSQHMTEV\	3604	3283
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>TP53-S166C KQSQHMTEV	10	>TP53-S166C KQGQHMTE\	17	7
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>TP53-S166C KQSQHMTEV	718	>TP53-S166C KQGQHMTE\	481	237
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>TP53-S166C YKQSQHMTE	42	>TP53-S166C YKQGQHMTE	280	238
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>TP53-S166T SQHMTEVV	115	>TP53-S166T TQHMTEVV	308	193
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>TP53-S166T SQHMTEVVR	434	>TP53-S166T TQHMTEVVR	505	71
>TP53-S166T SQHMTEVVR	363	>TP53-S166T TQHMTEVVR	431	68
>TP53-S166T QSQHMTEVV	230	>TP53-S166T QTQHMTEVV	253	23
>TP53-S166T QSQHMTEVV	321	>TP53-S166T QTQHMTEVV	181	140
>TP53-S166T QSQHMTEVV	1104	>TP53-S166T QTQHMTEVV	343	761
>TP53-S166T QSQHMTEVV	973	>TP53-S166T QTQHMTEVV	283	690
>TP53-S166T QSQHMTEVV	185	>TP53-S166T QTQHMTEVV	44	141
>TP53-S166T QSQHMTEV	206	>TP53-S166T QTQHMTEV	22	184
>TP53-S166T QSQHMTEVV	303	>TP53-S166T QTQHMTEVV	28	275
>TP53-S166T QSQHMTEV	2899	>TP53-S166T QTQHMTEV	256	2643

>TP53-S166T QSQHMTEVV	306	>TP53-S166T QTQHMTEVV	199	107
>TP53-S166T RVRAMAIYKC	9	>TP53-S166T RVRAMAIYKC	13	4
>TP53-S166T KQSQHMTEV	82	>TP53-S166T KQTQHMTEV	155	73
>TP53-S166T KQSQHMTEV	51	>TP53-S166T KQTQHMTEV	184	133
>TP53-S166T KQSQHMTEV	298	>TP53-S166T KQTQHMTEV	999	701
>TP53-S166T KQSQHMTEV	9	>TP53-S166T KQTQHMTEV	22	13
>TP53-S166T KQSQHMTEV	273	>TP53-S166T KQTQHMTEV	616	343
>TP53-S166T KQSQHMTEV	10	>TP53-S166T KQTQHMTEV	9	1
>TP53-S166T KQSQHMTEV	426	>TP53-S166T KQTQHMTEV	624	198
>TP53-S166T KQSQHMTEV	35	>TP53-S166T KQTQHMTEV	41	6
>TP53-S166T KQSQHMTEV	222	>TP53-S166T KQTQHMTEV	2019	1797
>TP53-S166T KQSQHMTEV	86	>TP53-S166T KQTQHMTEV	244	158
>TP53-S166T KQSQHMTEV	110	>TP53-S166T KQTQHMTEV	283	173
>TP53-S166T KQSQHMTEV	185	>TP53-S166T KQTQHMTEV	471	286
>TP53-S166T KQSQHMTEV	60	>TP53-S166T KQTQHMTEV	61	1
>TP53-S166T YKQSQHMTE	467	>TP53-S166T YKQTQHMTE	847	380
>TP53-S166T YKQSQHMTE	30	>TP53-S166T YKQTQHMTE	48	18
>TP53-S166T YKQSQHMTE	42	>TP53-S166T YKQTQHMTE	70	28
>TP53-S166T IYKQSQHM	510	>TP53-S166T IYKQTQHM	441	69
>TP53-S166T IYKQSQHMTI	402	>TP53-S166T IYKQTQHMTI	413	11
>TP53-S166T IYKQSQHM	561	>TP53-S166T IYKQTQHM	288	273
>TP53-S166T IYKQSQHM	394	>TP53-S166T IYKQTQHM	388	6
>TP53-S166T AIYKQSQHM	91	>TP53-S166T AIYKQTQHM	100	9
>TP53-S166T AIYKQSQH	349	>TP53-S166T AIYKQTQH	367	18
>TP53-S166T AIYKQSQHM	804	>TP53-S166T AIYKQTQHM	129	675
>TP53-S166T AIYKQSQHM	62	>TP53-S166T AIYKQTQHM	106	44
>TP53-S166T AIYKQSQHM	198	>TP53-S166T AIYKQTQHM	247	49
>TP53-S166T MAIYKQSQH	633	>TP53-S166T MAIYKQTQH	430	203
>TP53-S166T MAIYKQSQH	226	>TP53-S166T MAIYKQTQH	339	113
>TP53-S166T MAIYKQSQH	205	>TP53-S166T MAIYKQTQH	253	48
>TP53-S166T MAIYKQSQH	20	>TP53-S166T MAIYKQTQH	35	15
>TP53-S166T MAIYKQSQH	151	>TP53-S166T MAIYKQTQH	110	41
>TP53-S166T AMAIYKQSQI	221	>TP53-S166T AMAIYKQTQI	222	1
>TP53-S166T AMAIYKQSQI	161	>TP53-S166T AMAIYKQTQI	146	15
>TP53-S166T AMAIYKQSQI	199	>TP53-S166T AMAIYKQTQI	168	31
>TP53-S166T AMAIYKQSQI	283	>TP53-S166T AMAIYKQTQI	251	32
>TP53-S166T AMAIYKQS	2825	>TP53-S166T AMAIYKQT	167	2658
>TP53-S166T AMAIYKQSQ	69	>TP53-S166T AMAIYKQTQ	61	8
>TP53-S166T AMAIYKQSQI	49	>TP53-S166T AMAIYKQTQI	38	11
>TP53-S166T AMAIYKQSQI	55	>TP53-S166T AMAIYKQTQI	72	17
>TP53-S166T AMAIYKQSQI	69	>TP53-S166T AMAIYKQTQI	82	13
>TP53-S166T RAMAIYKQSC	354	>TP53-S166T RAMAIYKQTC	488	134
>TP53-S166T RAMAIYKQSC	375	>TP53-S166T RAMAIYKQTC	1149	774

>TP53-S183L CSDSDGLA	178	>TP53-S183L CLDSDGLA	2739	2561
>TP53-S183L VRRCPHHERC	2972	>TP53-S183L VRRCPHHERC	174	2798
>TP53-S183L HERCSDSDGL	422	>TP53-S183L HERCLDSDGL	284	138
>TP53-S183L HHERCSDSDC	126	>TP53-S183L HHERCLDSDC	377	251
>TP53-S183L RRCPPHHERCS	5556	>TP53-S183L RRCPPHHERCL	447	5109
>TP53-S183L RRCPPHHERCS	1695	>TP53-S183L RRCPPHHERCL	40	1655
>TP53-S183L RRCPPHHERCS	720	>TP53-S183L RRCPPHHERCL	47	673
>TP53-S183L RRCPPHHERCS	717	>TP53-S183L RRCPPHHERCL	62	655
>TP53-S183P CSDSDGLA	178	>TP53-S183P CPDSDGLA	19624	19446
>TP53-S183P CSDSDGLA	29477	>TP53-S183P CPDSDGLA	274	29203
>TP53-S183P HERCSDSDGL	422	>TP53-S183P HERCPDSDGL	651	229
>TP53-S183P HHERCSDSDC	126	>TP53-S183P HHERCPDSDC	148	22
>TP53-S185C SDGLAPPQHI	104	>TP53-S185C CDGLAPPQHI	54	50
>TP53-S185C CSDSDGLA	178	>TP53-S185C CSDCDGLA	459	281
>TP53-S185C HERCSDSDGL	422	>TP53-S185C HERCSDCDGL	113	309
>TP53-S185C HHERCSDSDC	126	>TP53-S185C HHERCSDCDC	393	267
>TP53-S185C SDGLAPPQHI	104	>TP53-S185C GDGLAPPQH	173	69
>TP53-S185C CSDSDGLA	178	>TP53-S185C CSDGDGLA	344	166
>TP53-S185C HERCSDSDGL	422	>TP53-S185C HERCSDGDGL	243	179
>TP53-S185C HHERCSDSDC	126	>TP53-S185C HHERCSDGD	311	185
>TP53-S185I- SDGLAPPQHI	104	>TP53-S185I- IDGLAPPQHL	115	11
>TP53-S185I- DSDGLAPPQI	1128	>TP53-S185I- DIDGLAPPQH	282	846
>TP53-S185I- CSDSDGLA	178	>TP53-S185I- CSDIDGLA	268	90
>TP53-S185I- HERCSDSDGL	602	>TP53-S185I- HERCSDIDGL	478	124
>TP53-S185I- HERCSDSDGL	422	>TP53-S185I- HERCSDIDGL	67	355
>TP53-S185I- HHERCSDSDC	126	>TP53-S185I- HHERCSDIDG	198	72
>TP53-S185N SDGLAPPQHI	507	>TP53-S185N NDGLAPPQH	472	35
>TP53-S185N SDGLAPPQHI	104	>TP53-S185N NDGLAPPQH	257	153
>TP53-S185N CSDSDGLA	178	>TP53-S185N CSDNDGLA	212	34
>TP53-S185N HERCSDSDGL	422	>TP53-S185N HERCSDNDGL	245	177
>TP53-S185N HHERCSDSDC	126	>TP53-S185N HHERCSDND	226	100
>TP53-S185R SDGLAPPQHI	1651	>TP53-S185R RDGLAPPQHI	334	1317
>TP53-S185R SDGLAPPQHI	104	>TP53-S185R RDGLAPPQHI	118	14
>TP53-S185R CSDSDGLA	178	>TP53-S185R CSDRDGLA	289	111
>TP53-S185R HERCSDSDGL	422	>TP53-S185R HERCSDRDGL	305	117
>TP53-S185R HHERCSDSDC	126	>TP53-S185R HHERCSDRD	255	129
>TP53-S185T SDGLAPPQHI	104	>TP53-S185T TDGLAPPQHI	84	20
>TP53-S185T DSDGLAPPQI	1128	>TP53-S185T DTDGLAPPQI	69	1059
>TP53-S185T CSDSDGLA	178	>TP53-S185T CSDTDGLA	150	28
>TP53-S185T HERCSDSDGL	422	>TP53-S185T HERCSDTDGL	139	283
>TP53-S185T HHERCSDSDC	126	>TP53-S185T HHERCSDTD	129	3
>TP53-S215C SVVVPYEPPE	75	>TP53-S215C CVVVPYEPPE	427	352
>TP53-S215C SVVVPYEPPE	92	>TP53-S215C CVVVPYEPPE	1081	989



>TP53-S215C SVVVPYEPPE	129	>TP53-S215C CVVVPYEPPE	4250	4121
>TP53-S215C SVVVPYEPPE	57	>TP53-S215C CVVVPYEPPE	451	394
>TP53-S215C SVVVPYEPPE	81	>TP53-S215C CVVVPYEPPE	118	37
>TP53-S215C SVVVPYEPPE	26	>TP53-S215C CVVVPYEPPE	257	231
>TP53-S215C YLDDRNTFRF	333	>TP53-S215C YLDDRNTFRF	148	185
>TP53-S215C YLDDRNTFRF	155	>TP53-S215C YLDDRNTFRF	20	135
>TP53-S215C YLDDRNTFRF	1022	>TP53-S215C YLDDRNTFRF	41	981
>TP53-S215C YLDDRNTFRF	648	>TP53-S215C YLDDRNTFRF	147	501
>TP53-S215C YLDDRNTFRF	7630	>TP53-S215C YLDDRNTFRF	393	7237
>TP53-S215C YLDDRNTFRF	171	>TP53-S215C YLDDRNTFRF	11	160
>TP53-S215C RHSVVPY	23	>TP53-S215C RHCVVPY	64	41
>TP53-S215C RHSVVPY	413	>TP53-S215C RHCVVPY	2197	1784
>TP53-S215C FRHSVVPY	4	>TP53-S215C FRHCVVPY	4	0
>TP53-S215C FRHSVVPY	33	>TP53-S215C FRHCVVPY	33	0
>TP53-S215C TFRHSVVPY	185	>TP53-S215C TFRHCVVPY	119	66
>TP53-S215C TFRHSVVV	139	>TP53-S215C TFRHCVVV	1154	1015
>TP53-S215C TFRHSVVPY	162	>TP53-S215C TFRHCVVPY	559	397
>TP53-S215C TFRHSVVPY	140	>TP53-S215C TFRHCVVPY	217	77
>TP53-S215C TFRHSVVPY	225	>TP53-S215C TFRHCVVPY	845	620
>TP53-S215C TFRHSVVPY	271	>TP53-S215C TFRHCVVPY	473	202
>TP53-S215C NTFRHSVV	382	>TP53-S215C NTFRHCVV	1010	628
>TP53-S215C NTFRHSVV	309	>TP53-S215C NTFRHCVV	272	37
>TP53-S215C NTFRHSVVV	265	>TP53-S215C NTFRHCVV	1025	760
>TP53-S215C NTFRHSVVV	128	>TP53-S215C NTFRHCVV	220	92
>TP53-S215C NTFRHSVVV	97	>TP53-S215C NTFRHCVV	359	262
>TP53-S215C NTFRHSVVV	123	>TP53-S215C NTFRHCVV	160	37
>TP53-S215C NTFRHSVVV	82	>TP53-S215C NTFRHCVV	90	8
>TP53-S215C NTFRHSVVV	412	>TP53-S215C NTFRHCVV	1390	978
>TP53-S215C NTFRHSVVV	61	>TP53-S215C NTFRHCVV	118	57
>TP53-S215C NTFRHSVVV	34	>TP53-S215C NTFRHCVV	32	2
>TP53-S215C NTFRHSVV	11	>TP53-S215C NTFRHCVV	17	6
>TP53-S215C NTFRHSVV	8	>TP53-S215C NTFRHCVV	12	4
>TP53-S215C NTFRHSVV	50	>TP53-S215C NTFRHCVV	58	8
>TP53-S215C NTFRHSVV	25	>TP53-S215C NTFRHCVV	91	66
>TP53-S215C NTFRHSVVV	65	>TP53-S215C NTFRHCVV	82	17
>TP53-S215C NTFRHSVVV	492	>TP53-S215C NTFRHCVV	1123	631
>TP53-S215C NTFRHSVVV	33	>TP53-S215C NTFRHCVV	45	12
>TP53-S215C NTFRHSVVV	23	>TP53-S215C NTFRHCVV	57	34
>TP53-S215C NTFRHSVVV	105	>TP53-S215C NTFRHCVV	167	62
>TP53-S215C NTFRHSVVV	289	>TP53-S215C NTFRHCVV	298	9
>TP53-S215C NTFRHSVVV	23	>TP53-S215C NTFRHCVV	44	21
>TP53-S215C RNTFRHSVV	224	>TP53-S215C RNTFRHCVV	8835	8611
>TP53-S215C LDDRNTFRHS	482	>TP53-S215C LDDRNTFRHC	660	178

>TP53-S215C SVVVPYEPPE	75	>TP53-S215C GVVVPYEPPE	184	109
>TP53-S215C SVVVPYEPPE	92	>TP53-S215C GVVVPYEPPE	243	151
>TP53-S215C SVVVPYEPPE	129	>TP53-S215C GVVVPYEPPE	313	184
>TP53-S215C SVVVPYEPPE	57	>TP53-S215C GVVVPYEPPE	100	43
>TP53-S215C SVVVPYEPPE	81	>TP53-S215C GVVVPYEPPE	1134	1053
>TP53-S215C SVVVPYEPPE	26	>TP53-S215C GVVVPYEPPE	767	741
>TP53-S215C YLDDRNTFRF	333	>TP53-S215C YLDDRNTFRF	1268	935
>TP53-S215C YLDDRNTFRF	155	>TP53-S215C YLDDRNTFRF	360	205
>TP53-S215C YLDDRNTFRF	171	>TP53-S215C YLDDRNTFRF	1002	831
>TP53-S215C RHSVVVPY	23	>TP53-S215C RHGVVVPY	135	112
>TP53-S215C RHSVVVPY	413	>TP53-S215C RHGVVVPY	7311	6898
>TP53-S215C FRHSVVVPY	4	>TP53-S215C FRHGVVVPY	18	14
>TP53-S215C FRHSVVVPY	33	>TP53-S215C FRHGVVVPY	26	7
>TP53-S215C TFRHSVVVPY	185	>TP53-S215C TFRHGVVVPY	476	291
>TP53-S215C TFRHSVVV	139	>TP53-S215C TFRHGVVV	469	330
>TP53-S215C TFRHSVVVPY	162	>TP53-S215C TFRHGVVVPY	311	149
>TP53-S215C TFRHSVVVPY	140	>TP53-S215C TFRHGVVVPY	165	25
>TP53-S215C TFRHSVVVPY	225	>TP53-S215C TFRHGVVVPY	163	62
>TP53-S215C TFRHSVVVPY	271	>TP53-S215C TFRHGVVVPY	1098	827
>TP53-S215C NTFRHSVV	382	>TP53-S215C NTFRHGVV	915	533
>TP53-S215C NTFRHSVV	309	>TP53-S215C NTFRHGVV	532	223
>TP53-S215C NTFRHSVVV	265	>TP53-S215C NTFRHGVVV	298	33
>TP53-S215C NTFRHSVVVF	128	>TP53-S215C NTFRHGVVVI	189	61
>TP53-S215C NTFRHSVVVF	97	>TP53-S215C NTFRHGVVVI	161	64
>TP53-S215C NTFRHSVVVF	123	>TP53-S215C NTFRHGVVVI	113	10
>TP53-S215C NTFRHSVVVF	678	>TP53-S215C NTFRHGVVVI	348	330
>TP53-S215C NTFRHSVVVF	82	>TP53-S215C NTFRHGVVVI	82	0
>TP53-S215C NTFRHSVVV	412	>TP53-S215C NTFRHGVVV	2043	1631
>TP53-S215C NTFRHSVVVF	61	>TP53-S215C NTFRHGVVVI	149	88
>TP53-S215C NTFRHSVVVF	34	>TP53-S215C NTFRHGVVVI	52	18
>TP53-S215C NTFRHSVV	11	>TP53-S215C NTFRHGVV	17	6
>TP53-S215C NTFRHSVVV	8	>TP53-S215C NTFRHGVVV	20	12
>TP53-S215C NTFRHSVV	50	>TP53-S215C NTFRHGVV	86	36
>TP53-S215C NTFRHSVVV	25	>TP53-S215C NTFRHGVVV	94	69
>TP53-S215C NTFRHSVVVF	65	>TP53-S215C NTFRHGVVVI	78	13
>TP53-S215C NTFRHSVVVF	492	>TP53-S215C NTFRHGVVVI	363	129
>TP53-S215C NTFRHSVVVF	33	>TP53-S215C NTFRHGVVVI	47	14
>TP53-S215C NTFRHSVVVF	23	>TP53-S215C NTFRHGVVVI	26	3
>TP53-S215C NTFRHSVVVF	609	>TP53-S215C NTFRHGVVVI	488	121
>TP53-S215C NTFRHSVVVF	105	>TP53-S215C NTFRHGVVVI	183	78
>TP53-S215C NTFRHSVVVF	289	>TP53-S215C NTFRHGVVVI	309	20
>TP53-S215C NTFRHSVVVF	23	>TP53-S215C NTFRHGVVVI	38	15
>TP53-S215C RNTFRHSVV	224	>TP53-S215C RNTFRHGVV	2787	2563

>TP53-S215C LDDRNTFRHC	482	>TP53-S215C LDDRNTFRHC	427	55
>TP53-S215I- SVVVVPYEPPE	75	>TP53-S215I- IVVVVPYEPPE\	61	14
>TP53-S215I- SVVVVPYEPPE	92	>TP53-S215I- IVVVVPYEPPE\	105	13
>TP53-S215I- SVVVVPYEPPE	129	>TP53-S215I- IVVVVPYEPPE\	773	644
>TP53-S215I- SVVVVPYEPPE	57	>TP53-S215I- IVVVVPYEPPE\	60	3
>TP53-S215I- SVVVVPYEPPE	81	>TP53-S215I- IVVVVPYEPPE\	218	137
>TP53-S215I- SVVVVPYEPPE	26	>TP53-S215I- IVVVVPYEPPE\	177	151
>TP53-S215I- YLDDRNTFRH	1704	>TP53-S215I- YLDDRNTFRH	24	1680
>TP53-S215I- YLDDRNTFRH	1276	>TP53-S215I- YLDDRNTFRH	38	1238
>TP53-S215I- YLDDRNTFRH	3101	>TP53-S215I- YLDDRNTFRH	34	3067
>TP53-S215I- YLDDRNTFRH	333	>TP53-S215I- YLDDRNTFRH	14	319
>TP53-S215I- YLDDRNTFRH	155	>TP53-S215I- YLDDRNTFRH	4	151
>TP53-S215I- YLDDRNTFRH	1022	>TP53-S215I- YLDDRNTFRH	4	1018
>TP53-S215I- YLDDRNTFRH	648	>TP53-S215I- YLDDRNTFRH	10	638
>TP53-S215I- YLDDRNTFRH	7630	>TP53-S215I- YLDDRNTFRH	32	7598
>TP53-S215I- YLDDRNTFRH	171	>TP53-S215I- YLDDRNTFRH	4	167
>TP53-S215I- RHSVVVPY	23	>TP53-S215I- RHIVVVPY	15	8
>TP53-S215I- RHSVVVPY	413	>TP53-S215I- RHIVVVPY	2169	1756
>TP53-S215I- FRHSVVVPY	4	>TP53-S215I- FRHIVVVPY	9	5
>TP53-S215I- FRHSVVVPY	33	>TP53-S215I- FRHIVVVPY	42	9
>TP53-S215I- TFRHSVVVPY	185	>TP53-S215I- TFRHIVVVPY	158	27
>TP53-S215I- TFRHSVVV	139	>TP53-S215I- TFRHIVVV	410	271
>TP53-S215I- TFRHSVVVPY	162	>TP53-S215I- TFRHIVVVPY	327	165
>TP53-S215I- TFRHSVVVPY	140	>TP53-S215I- TFRHIVVVPY	313	173
>TP53-S215I- TFRHSVVVPY	225	>TP53-S215I- TFRHIVVVPY	634	409
>TP53-S215I- TFRHSVVVPY	271	>TP53-S215I- TFRHIVVVPY	1200	929
>TP53-S215I- NTFRHSVV	382	>TP53-S215I- NTFRHIVV	533	151
>TP53-S215I- NTFRHSVVV	581	>TP53-S215I- NTFRHIVVV	139	442
>TP53-S215I- NTFRHSVV	1308	>TP53-S215I- NTFRHIVV	493	815
>TP53-S215I- NTFRHSVVV	680	>TP53-S215I- NTFRHIVVV	169	511
>TP53-S215I- NTFRHSVV	309	>TP53-S215I- NTFRHIVV	105	204
>TP53-S215I- NTFRHSVVV	265	>TP53-S215I- NTFRHIVVV	48	217
>TP53-S215I- NTFRHSVVV	1108	>TP53-S215I- NTFRHIVVV	274	834
>TP53-S215I- NTFRHSVVVF	128	>TP53-S215I- NTFRHIVVVP	150	22
>TP53-S215I- NTFRHSVVVF	845	>TP53-S215I- NTFRHIVVVP	418	427
>TP53-S215I- NTFRHSVVVF	97	>TP53-S215I- NTFRHIVVVP	86	11
>TP53-S215I- NTFRHSVVVF	123	>TP53-S215I- NTFRHIVVVP	47	76
>TP53-S215I- NTFRHSVVVF	82	>TP53-S215I- NTFRHIVVVP	129	47
>TP53-S215I- NTFRHSVVV	412	>TP53-S215I- NTFRHIVVV	890	478
>TP53-S215I- NTFRHSVVVF	61	>TP53-S215I- NTFRHIVVVP	115	54
>TP53-S215I- NTFRHSVVVF	34	>TP53-S215I- NTFRHIVVVP	34	0
>TP53-S215I- NTFRHSVV	11	>TP53-S215I- NTFRHIVV	11	0
>TP53-S215I- NTFRHSVVV	8	>TP53-S215I- NTFRHIVVV	6	2

>TP53-S215I-NTFRHSVV	50	>TP53-S215I-NTFRHIVV	32	18
>TP53-S215I-NTFRHSVVV	25	>TP53-S215I-NTFRHIVVV	31	6
>TP53-S215I-NTFRHSVVVF	65	>TP53-S215I-NTFRHIVVVP	93	28
>TP53-S215I-NTFRHSVVVVF	492	>TP53-S215I-NTFRHIVVVP	1024	532
>TP53-S215I-NTFRHSVVVVF	33	>TP53-S215I-NTFRHIVVVP	60	27
>TP53-S215I-NTFRHSVVVVF	23	>TP53-S215I-NTFRHIVVVP	25	2
>TP53-S215I-NTFRHSVVVVF	609	>TP53-S215I-NTFRHIVVVP	405	204
>TP53-S215I-NTFRHSVVVVF	105	>TP53-S215I-NTFRHIVVVP	205	100
>TP53-S215I-NTFRHSVVVVF	289	>TP53-S215I-NTFRHIVVVP	612	323
>TP53-S215I-NTFRHSVVVVF	23	>TP53-S215I-NTFRHIVVVP	35	12
>TP53-S215I-RNTFRHSVV	224	>TP53-S215I-RNTFRHIVV	5938	5714
>TP53-S215I-LDDRNTFRHS	18048	>TP53-S215I-LDDRNTFRHI	171	17877
>TP53-S215I-LDDRNTFRHS	482	>TP53-S215I-LDDRNTFRHI	234	248
>TP53-S215I-SVVVPYEPPE	75	>TP53-S215I-NVVVPYEPPE	201	126
>TP53-S215I-SVVVPYEPPE	92	>TP53-S215I-NVVVPYEPPE	907	815
>TP53-S215I-SVVVPYEPPE	129	>TP53-S215I-NVVVPYEPPE	2887	2758
>TP53-S215I-SVVVPYEPPE	57	>TP53-S215I-NVVVPYEPPE	550	493
>TP53-S215I-SVVVPYEPPE	81	>TP53-S215I-NVVVPYEPPE	42	39
>TP53-S215I-SVVVPYEPPE	26	>TP53-S215I-NVVVPYEPPE	17	9
>TP53-S215I-YLDDRNTFRH	333	>TP53-S215I-YLDDRNTFRH	4608	4275
>TP53-S215I-YLDDRNTFRH	155	>TP53-S215I-YLDDRNTFRH	700	545
>TP53-S215I-YLDDRNTFRH	171	>TP53-S215I-YLDDRNTFRH	1429	1258
>TP53-S215I-RHSVVVPY	23	>TP53-S215I-RHNVVVPY	23	0
>TP53-S215I-RHSVVVPY	413	>TP53-S215I-RHNVVVPY	1939	1526
>TP53-S215I-FRHSVVVPY	4	>TP53-S215I-FRHNVVVPY	5	1
>TP53-S215I-FRHSVVVPY	33	>TP53-S215I-FRHNVVVPY	27	6
>TP53-S215I-TFRHSVVVPY	185	>TP53-S215I-TFRHNVVVPY	214	29
>TP53-S215I-TFRHSVVV	139	>TP53-S215I-TFRHNVVV	256	117
>TP53-S215I-TFRHSVVVPY	162	>TP53-S215I-TFRHNVVVPY	216	54
>TP53-S215I-TFRHSVVVPY	140	>TP53-S215I-TFRHNVVVPY	211	71
>TP53-S215I-TFRHSVVVPY	225	>TP53-S215I-TFRHNVVVPY	287	62
>TP53-S215I-TFRHSVVVPY	271	>TP53-S215I-TFRHNVVVPY	615	344
>TP53-S215I-NTFRHSVVVF	562	>TP53-S215I-NTFRHNVVVI	439	123
>TP53-S215I-NTFRHSVV	382	>TP53-S215I-NTFRHNVV	1067	685
>TP53-S215I-NTFRHSVV	309	>TP53-S215I-NTFRHNVV	641	332
>TP53-S215I-NTFRHSVVV	265	>TP53-S215I-NTFRHNVVV	481	216
>TP53-S215I-NTFRHSVVVVF	128	>TP53-S215I-NTFRHNVVVI	169	41
>TP53-S215I-NTFRHSVVVVF	97	>TP53-S215I-NTFRHNVVVI	158	61
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>TP53-S215I-NTFRHSVVVVF	678	>TP53-S215I-NTFRHNVVVI	462	216
>TP53-S215I-NTFRHSVVVVF	82	>TP53-S215I-NTFRHNVVVI	117	35
>TP53-S215I-NTFRHSVVV	412	>TP53-S215I-NTFRHNVVV	521	109
>TP53-S215I-NTFRHSVVVVF	61	>TP53-S215I-NTFRHNVVVI	63	2

>TP53-S215\NNTFRHSVVVF	34	>TP53-S215\NNTFRHNVVV	31	3
>TP53-S215\NNTFRHSVV	11	>TP53-S215\NNTFRHNVV	10	1
>TP53-S215\NNTFRHSVVV	8	>TP53-S215\NNTFRHNVVV	8	0
>TP53-S215\NNTFRHSVV	50	>TP53-S215\NNTFRHNVV	53	3
>TP53-S215\NNTFRHSVVV	25	>TP53-S215\NNTFRHNVVV	35	10
>TP53-S215\NNTFRHSVVVF	65	>TP53-S215\NNTFRHNVVV	83	18
>TP53-S215\NNTFRHSVVVF	492	>TP53-S215\NNTFRHNVVV	527	35
>TP53-S215\NNTFRHSVVVF	33	>TP53-S215\NNTFRHNVVV	39	6
>TP53-S215\NNTFRHSVVVF	23	>TP53-S215\NNTFRHNVVV	39	16
>TP53-S215\NNTFRHSVVVF	105	>TP53-S215\NNTFRHNVVV	155	50
>TP53-S215\NNTFRHSVVVF	289	>TP53-S215\NNTFRHNVVV	335	46
>TP53-S215\NNTFRHSVVVF	23	>TP53-S215\NNTFRHNVVV	39	16
>TP53-S215\NNTFRHSVV	224	>TP53-S215\NNTFRHNVV	2510	2286
>TP53-S215\NNTFRHSV	482	>TP53-S215\NNTFRHN	417	65
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>TP53-S215\NNTFRHSV	92	>TP53-S215\NNTFRHN	112	20
>TP53-S215\NNTFRHSV	129	>TP53-S215\NNTFRHN	612	483
>TP53-S215\NNTFRHSV	57	>TP53-S215\NNTFRHN	122	65
>TP53-S215\NNTFRHSV	81	>TP53-S215\NNTFRHN	579	498
>TP53-S215\NNTFRHSV	26	>TP53-S215\NNTFRHN	226	200
>TP53-S215\NNTFRHSV	333	>TP53-S215\NNTFRHN	6852	6519
>TP53-S215\NNTFRHSV	155	>TP53-S215\NNTFRHN	2304	2149
>TP53-S215\NNTFRHSV	171	>TP53-S215\NNTFRHN	1114	943
>TP53-S215\NNTFRHSV	25238	>TP53-S215\NNTFRHN	291	24947
>TP53-S215\NNTFRHSV	33237	>TP53-S215\NNTFRHN	465	32772
>TP53-S215\NNTFRHSV	12204	>TP53-S215\NNTFRHN	434	11770
>TP53-S215\NNTFRHSV	23	>TP53-S215\NNTFRHN	10	13
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>TP53-S215\NNTFRHSV	33	>TP53-S215\NNTFRHN	26	7
>TP53-S215\NNTFRHSV	185	>TP53-S215\NNTFRHN	457	272
>TP53-S215\NNTFRHSV	139	>TP53-S215\NNTFRHN	153	14
>TP53-S215\NNTFRHSV	162	>TP53-S215\NNTFRHN	153	9
>TP53-S215\NNTFRHSV	140	>TP53-S215\NNTFRHN	244	104
>TP53-S215\NNTFRHSV	225	>TP53-S215\NNTFRHN	393	168
>TP53-S215\NNTFRHSV	271	>TP53-S215\NNTFRHN	962	691
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>TP53-S215\NNTFRHSV	309	>TP53-S215\NNTFRHN	1263	954
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>TP53-S215\NNTFRHSV	128	>TP53-S215\NNTFRHN	157	29
>TP53-S215\NNTFRHSV	97	>TP53-S215\NNTFRHN	223	126
>TP53-S215\NNTFRHSV	123	>TP53-S215\NNTFRHN	119	4
>TP53-S215\NNTFRHSV	82	>TP53-S215\NNTFRHN	152	70

>TP53-S215RNTFRHSVVV	412	>TP53-S215RNTFRHRVVV	1306	894
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>TP53-S215RNTFRHSVVVF	34	>TP53-S215RNTFRHRVVVF	33	1
>TP53-S215RNTFRHSVV	11	>TP53-S215RNTFRHRVV	26	15
>TP53-S215RNTFRHSVVV	8	>TP53-S215RNTFRHRVVV	8	0
>TP53-S215RNTFRHSVV	50	>TP53-S215RNTFRHRVV	239	189
>TP53-S215RNTFRHSVVV	25	>TP53-S215RNTFRHRVVV	126	101
>TP53-S215RNTFRHSVVVF	65	>TP53-S215RNTFRHRVVVF	100	35
>TP53-S215RNTFRHSVVVF	492	>TP53-S215RNTFRHRVVVF	1168	676
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>TP53-S215RNTFRHSVVVF	105	>TP53-S215RNTFRHRVVVF	284	179
>TP53-S215RNTFRHSVVVF	289	>TP53-S215RNTFRHRVVVF	463	174
>TP53-S215RNTFRHSVVVF	23	>TP53-S215RNTFRHRVVVF	32	9
>TP53-S215RNTFRHSVV	224	>TP53-S215RNTFRHRVV	5833	5609
>TP53-S215RLDDRNTFRHS	482	>TP53-S215RLDDRNTFRHF	475	7
>TP53-S215T SVVVPYEPPE	75	>TP53-S215T TVVVPYEPPE	151	76
>TP53-S215T SVVVPYEPPE	92	>TP53-S215T TVVVPYEPPE	554	462
>TP53-S215T SVVVPYEPPE	129	>TP53-S215T TVVVPYEPPE	1294	1165
>TP53-S215T SVVVPYEPPE	57	>TP53-S215T TVVVPYEPPE	175	118
>TP53-S215T SVVVPYEPPE	81	>TP53-S215T TVVVPYEPPE	32	49
>TP53-S215T SVVVPYEPPE	26	>TP53-S215T TVVVPYEPPE	18	8
>TP53-S215T YLDDRNTFRH	1704	>TP53-S215T YLDDRNTFRH	276	1428
>TP53-S215T YLDDRNTFRH	333	>TP53-S215T YLDDRNTFRH	89	244
>TP53-S215T YLDDRNTFRH	155	>TP53-S215T YLDDRNTFRH	30	125
>TP53-S215T YLDDRNTFRH	1022	>TP53-S215T YLDDRNTFRH	118	904
>TP53-S215T YLDDRNTFRH	648	>TP53-S215T YLDDRNTFRH	81	567
>TP53-S215T YLDDRNTFRH	171	>TP53-S215T YLDDRNTFRH	16	155
>TP53-S215T RHSVVVPY	23	>TP53-S215T RHTVVVPY	59	36
>TP53-S215T RHSVVVPY	413	>TP53-S215T RHTVVVPY	344	69
>TP53-S215T FRHSVVVPY	4	>TP53-S215T FRHTVVVPY	6	2
>TP53-S215T FRHSVVVPY	33	>TP53-S215T FRHTVVVPY	35	2
>TP53-S215T TFRHSVVVPY	185	>TP53-S215T TFRHTVVVPY	151	34
>TP53-S215T TFRHSVVV	139	>TP53-S215T TFRHTVVV	142	3
>TP53-S215T TFRHSVVVPY	162	>TP53-S215T TFRHTVVVPY	132	30
>TP53-S215T TFRHSVVVPY	140	>TP53-S215T TFRHTVVVPY	186	46
>TP53-S215T TFRHSVVVPY	225	>TP53-S215T TFRHTVVVPY	321	96
>TP53-S215T TFRHSVVVPY	271	>TP53-S215T TFRHTVVVPY	385	114
>TP53-S215T NTFRHSVVVF	562	>TP53-S215T NTFRHTVVVF	401	161
>TP53-S215T NTFRHSVV	382	>TP53-S215T NTFRHTVV	314	68
>TP53-S215T NTFRHSVVV	581	>TP53-S215T NTFRHTVVV	297	284
>TP53-S215T NTFRHSVV	309	>TP53-S215T NTFRHTVV	358	49
>TP53-S215T NTFRHSVVV	265	>TP53-S215T NTFRHTVVV	234	31

>TP53-S215T NTFRHSVVVF	128	>TP53-S215T NTFRHTVVVF	114	14
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>TP53-S215T NTFRHSVVVF	123	>TP53-S215T NTFRHTVVVF	56	67
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>TP53-S215T NTFRHSVVVF	82	>TP53-S215T NTFRHTVVVF	82	0
>TP53-S215T NTFRHSVVV	412	>TP53-S215T NTFRHTVVV	173	239
>TP53-S215T NTFRHSVVVF	61	>TP53-S215T NTFRHTVVVF	41	20
>TP53-S215T NTFRHSVVVF	34	>TP53-S215T NTFRHTVVVF	27	7
>TP53-S215T NTFRHSVV	11	>TP53-S215T NTFRHTVV	10	1
>TP53-S215T NTFRHSVVV	8	>TP53-S215T NTFRHTVVV	6	2
>TP53-S215T NTFRHSVV	50	>TP53-S215T NTFRHTVV	40	10
>TP53-S215T NTFRHSVVV	25	>TP53-S215T NTFRHTVVV	17	8
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>TP53-S215T NTFRHSVVVF	65	>TP53-S215T NTFRHTVVVF	77	12
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>TP53-S215T NTFRHSVVVF	33	>TP53-S215T NTFRHTVVVF	38	5
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>TP53-S215T NTFRHSVVVF	105	>TP53-S215T NTFRHTVVVF	113	8
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>TP53-S215T NTFRHSVVVF	23	>TP53-S215T NTFRHTVVVF	31	8
>TP53-S215T RNTFRHSVV	224	>TP53-S215T RNTFRHTVV	1298	1074
>TP53-S215T LDDRNTFRHS	482	>TP53-S215T LDDRNTFRHT	206	276
>TP53-S227F SDCTTIHY	1951	>TP53-S227F FDCTTIHY	404	1547
>TP53-S227F SDCTTIHYNY	400	>TP53-S227F FDCTTIHYNY	229	171
>TP53-S227F GSDCTTIHY	18	>TP53-S227F GFDCTTIHY	7354	7336
>TP53-S227F GSDCTTIHYN	34	>TP53-S227F GFDCTTIHYN	10403	10369
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>TP53-S227F GSDCTTIHYN	174	>TP53-S227F GFDCTTIHYN	32	142
>TP53-S227F GSDCTTIHY	68	>TP53-S227F GFDCTTIHY	24672	24604
>TP53-S227F GSDCTTIHYN	99	>TP53-S227F GFDCTTIHYN	24893	24794
>TP53-S227F GSDCTTIHYN	247	>TP53-S227F GFDCTTIHYN	5310	5063
>TP53-S227F GSDCTTIHY	242	>TP53-S227F GFDCTTIHY	96	146
>TP53-S227F GSDCTTIHYN	97	>TP53-S227F GFDCTTIHYN	37	60
>TP53-S227F VGSDCTTIHY	353	>TP53-S227F VGFDCTTIHY	975	622
>TP53-S227F VGSDCTTIHY	184	>TP53-S227F VGFDCTTIHY	88	96
>TP53-S227F VGSDCTTIHY	642	>TP53-S227F VGFDCTTIHY	297	345
>TP53-S227F VGSDCTTIHY	377	>TP53-S227F VGFDCTTIHY	151	226
>TP53-S227F VGSDCTTIHY	2195	>TP53-S227F VGFDCTTIHY	275	1920
>TP53-S227F VGSDCTTIHY	1948	>TP53-S227F VGFDCTTIHY	273	1675
>TP53-S227F VGSDCTTIH	1591	>TP53-S227F VGFDCTTIH	281	1310
>TP53-S227F VGSDCTTIHY	449	>TP53-S227F VGFDCTTIHY	2396	1947
>TP53-S227F VGSDCTTI	605	>TP53-S227F VGFDCTTI	102	503
>TP53-S227F EVGSDCTTIH	11	>TP53-S227F EVGFDCTTIH	16	5

>TP53-S227F EVGSDCTTIH'	75	>TP53-S227F EVGFDCTTIH'	333	258
>TP53-S227F EVGSDCTTIH'	387	>TP53-S227F EVGFDCTTIH'	252	135
>TP53-S227F EVGSDCTTIH'	612	>TP53-S227F EVGFDCTTIH'	421	191
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>TP53-S227F EVGSDCTTIH'	326	>TP53-S227F EVGFDCTTIH'	273	53
>TP53-S227F PEVGSDCTTI	342	>TP53-S227F PEVGFDCCTI	346	4
>TP53-S227F PPEVGSDCTT	657	>TP53-S227F PPEVGFDCCT	469	188
>TP53-S227F PYEPPEVGS	12616	>TP53-S227F PYEPPEVGF	87	12529
>TP53-S227F VPYEPPEVGS	37430	>TP53-S227F VPYEPPEVGF	376	37054
>TP53-S227F VPYEPPEVGS	19954	>TP53-S227F VPYEPPEVGF	145	19809
>TP53-S227F VPYEPPEVGS	17702	>TP53-S227F VPYEPPEVGF	319	17383
>TP53-S240C SSCMGGMNI	58	>TP53-S240C CSCMGGMNI	468	410
>TP53-S240C SSCMGGMNI	192	>TP53-S240C CSCMGGMNI	1633	1441
>TP53-S240C SSCMGGMNI	110	>TP53-S240C CSCMGGMNI	222	112
>TP53-S240C SSCMGGMNI	56	>TP53-S240C CSCMGGMNI	114	58
>TP53-S240C SSCMGGMNI	1403	>TP53-S240C CSCMGGMNI	461	942
>TP53-S240C SSCMGGMNI	220	>TP53-S240C CSCMGGMNI	329	109
>TP53-S240C SSCMGGMNI	361	>TP53-S240C CSCMGGMNI	936	575
>TP53-S240C SSCMGGMNI	398	>TP53-S240C CSCMGGMNI	3061	2663
>TP53-S240C SSCMGGMNI	460	>TP53-S240C CSCMGGMNI	3425	2965
>TP53-S240C NSSCMGGMI	111	>TP53-S240C NCSCMGGMI	9942	9831
>TP53-S240C NSSCMGGMI	55	>TP53-S240C NCSCMGGMI	373	318
>TP53-S240C NSSCMGGMI	365	>TP53-S240C NCSCMGGMI	906	541
>TP53-S240C NSSCMGGMI	12	>TP53-S240C NCSCMGGMI	649	637
>TP53-S240C NSSCMGGMI	39	>TP53-S240C NCSCMGGMI	1926	1887
>TP53-S240C TTIHYNMCM	102	>TP53-S240C TTIHYNMCM	435	333
>TP53-S240C CNSSCMGGM	639	>TP53-S240C CNCSCMGGM	334	305
>TP53-S240C YMCNSSCM	262	>TP53-S240C YMCNCSCM	116	146
>TP53-S240C YMCNSSCMC	252	>TP53-S240C YMCNCSCMC	98	154
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>TP53-S240C YMCNSSCMC	167	>TP53-S240C YMCNCSCMC	90	77
>TP53-S240C YMCNSSCM	283	>TP53-S240C YMCNCSCM	372	89
>TP53-S240C YMCNSSCMC	41	>TP53-S240C YMCNCSCMC	44	3
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>TP53-S240C YMCNSSCM	24	>TP53-S240C YMCNCSCM	63	39
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>TP53-S240C YMCNSSCMC	399	>TP53-S240C YMCNCSCMC	651	252
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>TP53-S240C YMCNSSCM	92	>TP53-S240C YMCNCSCM	167	75
>TP53-S240C YMCNSSCMC	197	>TP53-S240C YMCNCSCMC	163	34
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>TP53-S240C YMCNSSCMC	421	>TP53-S240C YMCNCSCMC	521	100
>TP53-S240C YMCNSSCM	67	>TP53-S240C YMCNCSCM	80	13



>TP53-S240C YMCNSSCMC	332	>TP53-S240C YMCNCSCMC	233	99
>TP53-S240C YMCNSSCM	33	>TP53-S240C YMCNCSCM	47	14
>TP53-S240C YMCNSSCMC	53	>TP53-S240C YMCNCSCMC	62	9
>TP53-S240C YMCNSSCM	33	>TP53-S240C YMCNCSCM	49	16
>TP53-S240C YMCNSSCMC	127	>TP53-S240C YMCNCSCMC	234	107
>TP53-S240C YMCNSSCMC	292	>TP53-S240C YMCNCSCMC	450	158
>TP53-S240C YMCNSSCMC	44	>TP53-S240C YMCNCSCMC	55	11
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>TP53-S240C YMCNSSCMC	145	>TP53-S240C YMCNCSCMC	600	455
>TP53-S240C YMCNSSCM	20	>TP53-S240C YMCNCSCM	39	19
>TP53-S240C YMCNSSCMC	160	>TP53-S240C YMCNCSCMC	370	210
>TP53-S240C YMCNSSCMC	294	>TP53-S240C YMCNCSCMC	906	612
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>TP53-S240C NYMCNSSCM	53	>TP53-S240C NYMCNCSCM	19	34
>TP53-S240C NYMCNSSCM	924	>TP53-S240C NYMCNCSCM	312	612
>TP53-S240C YNYMCNSSCI	429	>TP53-S240C YNYMCNCSC	719	290
>TP53-S240C YNYMCNSSCI	31	>TP53-S240C YNYMCNCSC	59	28
>TP53-S240C HNYMCNSS	70	>TP53-S240C HNYMCNCS	54	16
>TP53-S240C IHNYMCNS	840	>TP53-S240C IHNYMCNC	349	491
>TP53-S240C SSSCMGGMNI	58	>TP53-S240C GSCMGGMN	181	123
>TP53-S240C SSSCMGGMNI	192	>TP53-S240C GSCMGGMN	867	675
>TP53-S240C SSSCMGGMNI	110	>TP53-S240C GSCMGGMN	174	64
>TP53-S240C SSSCMGGMNI	56	>TP53-S240C GSCMGGMN	296	240
>TP53-S240C SSSCMGGMNI	220	>TP53-S240C GSCMGGMN	1467	1247
>TP53-S240C SSSCMGGMNI	361	>TP53-S240C GSCMGGMN	2750	2389
>TP53-S240C SSSCMGGMNI	398	>TP53-S240C GSCMGGMN	647	249
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>TP53-S240C NSSCMGGMI	111	>TP53-S240C NGSCMGGM	20424	20313
>TP53-S240C NSSCMGGMI	55	>TP53-S240C NGSCMGGM	1141	1086
>TP53-S240C NSSCMGGMI	365	>TP53-S240C NGSCMGGM	1561	1196
>TP53-S240C NSSCMGGMI	12	>TP53-S240C NGSCMGGM	1467	1455
>TP53-S240C NSSCMGGMI	39	>TP53-S240C NGSCMGGM	791	752
>TP53-S240C TTIHNYMCM	102	>TP53-S240C TTIHNYMCM	873	771
>TP53-S240C CNSSCMGGM	639	>TP53-S240C CNGSCMGGM	374	265
>TP53-S240C YMCNSSCM	262	>TP53-S240C YMCNGSCM	438	176
>TP53-S240C YMCNSSCMC	252	>TP53-S240C YMCNGSCMC	223	29
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>TP53-S240C YMCNSSCMC	167	>TP53-S240C YMCNGSCMC	274	107
>TP53-S240C YMCNSSCM	283	>TP53-S240C YMCNGSCM	349	66
>TP53-S240C YMCNSSCMC	41	>TP53-S240C YMCNGSCMC	37	4
>TP53-S240C YMCNSSCMC	143	>TP53-S240C YMCNGSCMC	86	57
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>TP53-S240C YMCNSSCMC	92	>TP53-S240C YMCNGSCMC	63	29
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>TP53-S240C YMCNSSCMC	197	>TP53-S240C YMCNGSCMC	172	25
>TP53-S240C YMCNSSCM	150	>TP53-S240C YMCNGSCM	117	33
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>TP53-S240I- SSCMGGMNI	58	>TP53-S240I- ISCMGGMNF	251	193
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>TP53-S240I- SSCMGGMNI	110	>TP53-S240I- ISCMGGMNF	93	17
>TP53-S240I- SSCMGGMNI	56	>TP53-S240I- ISCMGGMNF	93	37
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>TP53-S240I- SSCMGGMNI	220	>TP53-S240I- ISCMGGMNF	243	23
>TP53-S240I- SSCMGGMNI	361	>TP53-S240I- ISCMGGMNF	662	301
>TP53-S240I- SSCMGGMNI	398	>TP53-S240I- ISCMGGMNF	1536	1138
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>TP53-S240I- NSSCMGGMI	111	>TP53-S240I- NISCMGGMN	184	73
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>TP53-S240I-YMCNSSCM	252	>TP53-S240I-YMCNISCMG	123	129
>TP53-S240I-YMCNSSCM	205	>TP53-S240I-YMCNISCM	49	156
>TP53-S240I-YMCNSSCM	167	>TP53-S240I-YMCNISCMG	47	120
>TP53-S240I-YMCNSSCM	283	>TP53-S240I-YMCNISCM	142	141
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>TP53-S240P SSCMGGMNI	361	>TP53-S240P PSCMGGMNI	9288	8927
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>TP53-S240P CNSSCMGGM	12162	>TP53-S240P CNPSCMGGM	220	11942
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>TP53-S240TSSCMGGMNI	192	>TP53-S240TSSCMGGMNI	540	348
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>TP53-S240TSSCMGGMNI	56	>TP53-S240TSSCMGGMNI	117	61
>TP53-S240TSSCMGGMNI	1403	>TP53-S240TSSCMGGMNI	417	986
>TP53-S240TSSCMGGMNI	220	>TP53-S240TSSCMGGMNI	79	141
>TP53-S240TSSCMGGMNI	361	>TP53-S240TSSCMGGMNI	180	181
>TP53-S240TSSCMGGMNI	398	>TP53-S240TSSCMGGMNI	1286	888
>TP53-S240TSSCMGGMNI	460	>TP53-S240TSSCMGGMNI	1484	1024
>TP53-S240TNSSCMGGMI	111	>TP53-S240TNSSCMGGMI	55	56
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>TP53-S240TNSSCMGGMI	2415	>TP53-S240TNSSCMGGMI	416	1999
>TP53-S240TNSSCMGGMI	2560	>TP53-S240TNSSCMGGMI	386	2174
>TP53-S240TNSSCMGGMI	55	>TP53-S240TNSSCMGGMI	63	8
>TP53-S240TNSSCMGGMI	365	>TP53-S240TNSSCMGGMI	264	101
>TP53-S240TNSSCMGGMI	1183	>TP53-S240TNSSCMGGMI	278	905
>TP53-S240TNSSCMGGMI	12	>TP53-S240TNSSCMGGMI	7	5
>TP53-S240TNSSCMGGMI	39	>TP53-S240TNSSCMGGMI	12	27
>TP53-S240TNSSCMGGMI	2429	>TP53-S240TNSSCMGGMI	199	2230
>TP53-S240TTIHYNMYMCN	102	>TP53-S240TTIHYNMYMCN	102	0
>TP53-S240TYMCNSSCM	262	>TP53-S240TYMCNTSCM	215	47
>TP53-S240TYMCNSSCMC	252	>TP53-S240TYMCNTSCMC	250	2
>TP53-S240TYMCNSSCM	205	>TP53-S240TYMCNTSCM	204	1
>TP53-S240TYMCNSSCMC	167	>TP53-S240TYMCNTSCMC	220	53
>TP53-S240TYMCNSSCM	283	>TP53-S240TYMCNTSCM	267	16
>TP53-S240TYMCNSSCMC	41	>TP53-S240TYMCNTSCMC	56	15
>TP53-S240TYMCNSSCMC	143	>TP53-S240TYMCNTSCMC	180	37
>TP53-S240TYMCNSSCM	24	>TP53-S240TYMCNTSCM	16	8
>TP53-S240TYMCNSSCMC	92	>TP53-S240TYMCNTSCMC	58	34
>TP53-S240TYMCNSSCMC	399	>TP53-S240TYMCNTSCMC	319	80
>TP53-S240TYMCNSSCMC	16	>TP53-S240TYMCNTSCMC	12	4
>TP53-S240TYMCNSSCM	92	>TP53-S240TYMCNTSCM	69	23
>TP53-S240TYMCNSSCMC	197	>TP53-S240TYMCNTSCMC	146	51
>TP53-S240TYMCNSSCM	150	>TP53-S240TYMCNTSCM	116	34
>TP53-S240TYMCNSSCMC	421	>TP53-S240TYMCNTSCMC	275	146

>TP53-S240T YMCNSSCM	67	>TP53-S240T YMCNTSCM	39	28
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>TP53-S240T YMCNSSCM	33	>TP53-S240T YMCNTSCM	40	7
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>TP53-S240T YMCNSSCMC	292	>TP53-S240T YMCNTSCMC	408	116
>TP53-S240T YMCNSSCMC	44	>TP53-S240T YMCNTSCMC	49	5
>TP53-S240T YMCNSSCM	98	>TP53-S240T YMCNTSCM	147	49
>TP53-S240T YMCNSSCMC	145	>TP53-S240T YMCNTSCMC	189	44
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>TP53-S240T YMCNSSCMC	160	>TP53-S240T YMCNTSCMC	225	65
>TP53-S240T YMCNSSCMC	294	>TP53-S240T YMCNTSCMC	505	211
>TP53-S240T YMCNSSCM	310	>TP53-S240T YMCNTSCM	412	102
>TP53-S240T YMCNSSCM	346	>TP53-S240T YMCNTSCM	259	87
>TP53-S240T NYMCNSSCM	726	>TP53-S240T NYMCNTSCM	482	244
>TP53-S240T NYMCNSSCM	53	>TP53-S240T NYMCNTSCM	41	12
>TP53-S240T NYMCNSSCM	924	>TP53-S240T NYMCNTSCM	467	457
>TP53-S240T NYMCNSSCM	650	>TP53-S240T NYMCNTSCM	273	377
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>TP53-S240T YNYMCNSSC	31	>TP53-S240T YNYMCNTSC	36	5
>TP53-S240T HNYMCNSS	919	>TP53-S240T HNYMCNTS	370	549
>TP53-S240T HNYMCNSS	70	>TP53-S240T HNYMCNTS	52	18
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>TP53-S241A SCMGGMNR	464	>TP53-S241A ACMGGMNR	2375	1911
>TP53-S241A SSCMGGMNI	58	>TP53-S241A SACMGGMN	251	193
>TP53-S241A SSCMGGMNI	192	>TP53-S241A SACMGGMN	635	443
>TP53-S241A SSCMGGMNI	110	>TP53-S241A SACMGGMN	164	54
>TP53-S241A SSCMGGMNI	56	>TP53-S241A SACMGGMN	154	98
>TP53-S241A SSCMGGMNI	220	>TP53-S241A SACMGGMN	172	48
>TP53-S241A SSCMGGMNI	361	>TP53-S241A SACMGGMN	395	34
>TP53-S241A SSCMGGMNI	398	>TP53-S241A SACMGGMN	1718	1320
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>TP53-S241A TIHNYMCNS	3160	>TP53-S241A TIHNYMCNS	426	2734
>TP53-S241A TIHNYMCNS	2304	>TP53-S241A TIHNYMCNS	161	2143
>TP53-S241A NSSCMGGMI	111	>TP53-S241A NSACMGGM	330	219
>TP53-S241A NSSCMGGMI	55	>TP53-S241A NSACMGGM	182	127
>TP53-S241A NSSCMGGMI	365	>TP53-S241A NSACMGGM	646	281
>TP53-S241A NSSCMGGMI	12	>TP53-S241A NSACMGGM	7	5
>TP53-S241A NSSCMGGMI	39	>TP53-S241A NSACMGGM	20	19
>TP53-S241A CNSSCMGGM	639	>TP53-S241A CNSACMGGM	448	191
>TP53-S241A YMCNSSCM	262	>TP53-S241A YMCNSACM	165	97
>TP53-S241A YMCNSSCMC	252	>TP53-S241A YMCNSACMC	401	149



>TP53-S241AYMCNSSCM	205	>TP53-S241AYMCNSACM	232	27
>TP53-S241AYMCNSSCMC	167	>TP53-S241AYMCNSACMC	286	119
>TP53-S241AYMCNSSCM	283	>TP53-S241AYMCNSACM	371	88
>TP53-S241AYMCNSSCMC	41	>TP53-S241AYMCNSACMC	56	15
>TP53-S241AYMCNSSCM	676	>TP53-S241AYMCNSACM	463	213
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>TP53-S241AYMCNSSCMC	197	>TP53-S241AYMCNSACMC	256	59
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>TP53-S241AYMCNSSCMC	421	>TP53-S241AYMCNSACMC	538	117
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>TP53-S241AYMCNSSCMC	292	>TP53-S241AYMCNSACMC	495	203
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>TP53-S241AHYNYMCNSS	70	>TP53-S241AHYNYMCNSA	622	552
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>TP53-S241AIHNYMCNSS	1688	>TP53-S241AIHNYMCNSA	355	1333
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>TP53-S241CSCMGGMNR	464	>TP53-S241CCMGGMNR	279	185
>TP53-S241CSSCMGGMNI	58	>TP53-S241SCCMGGMNI	12861	12803
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>TP53-S241C SSCMGGMNI	361	>TP53-S241C SCCMGGMNI	12720	12359
>TP53-S241C SSCMGGMNI	398	>TP53-S241C SCCMGGMNI	6343	5945
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>TP53-S241C NSSCMGGMI	111	>TP53-S241C NSCCMGGMI	263	152
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>TP53-S241C NSSCMGGMI	1183	>TP53-S241C NSCCMGGMI	480	703
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>TP53-S241C YMCNSSCM	262	>TP53-S241C YMCNSSCM	190	72
>TP53-S241C YMCNSSCMC	988	>TP53-S241C YMCNSSCMC	448	540
>TP53-S241C YMCNSSCMC	252	>TP53-S241C YMCNSSCMC	272	20
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>TP53-S241C YMCNSSCMC	167	>TP53-S241C YMCNSSCMC	231	64
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>TP53-S241C YMCNSSCM	24	>TP53-S241C YMCNSSCM	24	0
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>TP53-S241C YMCNSSCMC	197	>TP53-S241C YMCNSSCMC	382	185
>TP53-S241C YMCNSSCM	150	>TP53-S241C YMCNSSCM	110	40
>TP53-S241C YMCNSSCMC	421	>TP53-S241C YMCNSSCMC	791	370
>TP53-S241C YMCNSSCM	67	>TP53-S241C YMCNSSCM	55	12
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>TP53-S241C YMCNSSCM	33	>TP53-S241C YMCNSSCM	21	12
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>TP53-S241C YMCNSSCM	33	>TP53-S241C YMCNSSCM	37	4
>TP53-S241C YMCNSSCMC	127	>TP53-S241C YMCNSSCMC	260	133
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>TP53-S241C YMCNSSCMC	44	>TP53-S241C YMCNSSCMC	51	7
>TP53-S241C YMCNSSCM	98	>TP53-S241C YMCNSSCM	468	370
>TP53-S241C YMCNSSCMC	145	>TP53-S241C YMCNSSCMC	302	157
>TP53-S241C YMCNSSCM	20	>TP53-S241C YMCNSSCM	45	25
>TP53-S241C YMCNSSCMC	160	>TP53-S241C YMCNSSCMC	226	66
>TP53-S241C YMCNSSCMC	294	>TP53-S241C YMCNSSCMC	608	314
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>TP53-S241C NYMCNSSCN	53	>TP53-S241C NYMCNSSCN	782	729
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>TP53-S241C YNYMCNSSCI	31	>TP53-S241C YNYMCNSSC	73	42
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>TP53-S241F SCMGGMNR	1031	>TP53-S241F FCMGGMNR	245	786
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>TP53-S241F SSCMGGMNI	58	>TP53-S241F SFCMGGMNI	2879	2821
>TP53-S241F SSCMGGMNI	192	>TP53-S241F SFCMGGMNI	2392	2200
>TP53-S241F SSCMGGMNI	110	>TP53-S241F SFCMGGMNI	43	67
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>TP53-S241F SSCMGGMNI	2693	>TP53-S241F SFCMGGMNI	273	2420
>TP53-S241F SSCMGGMNI	220	>TP53-S241F SFCMGGMNI	1378	1158
>TP53-S241F SSCMGGMNI	361	>TP53-S241F SFCMGGMNI	794	433
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>TP53-S241F SSCMGGMNI	4846	>TP53-S241F SFCMGGMNI	320	4526
>TP53-S241F TIHNYMCNS	22643	>TP53-S241F TIHNYMCNS	404	22239
>TP53-S241F TIHNYMCNS	17523	>TP53-S241F TIHNYMCNS	237	17286
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>TP53-S241F NSSCMGGMI	111	>TP53-S241F NSFCMGGMI	144	33
>TP53-S241F NSSCMGGMI	55	>TP53-S241F NSFCMGGMI	44	11
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>TP53-S241F YMCNSSCM	262	>TP53-S241F YMCNSFCM	37	225
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>TP53-S241F YMCNSSCM	252	>TP53-S241F YMCNSFCM	200	52
>TP53-S241F YMCNSSCM	205	>TP53-S241F YMCNSFCM	67	138
>TP53-S241F YMCNSSCM	167	>TP53-S241F YMCNSFCM	149	18
>TP53-S241F YMCNSSCM	283	>TP53-S241F YMCNSFCM	511	228
>TP53-S241F YMCNSSCM	41	>TP53-S241F YMCNSFCM	35	6
>TP53-S241F YMCNSSCM	676	>TP53-S241F YMCNSFCM	48	628
>TP53-S241F YMCNSSCM	143	>TP53-S241F YMCNSFCM	60	83
>TP53-S241F YMCNSSCM	24	>TP53-S241F YMCNSFCM	11	13
>TP53-S241F YMCNSSCM	92	>TP53-S241F YMCNSFCM	97	5
>TP53-S241F YMCNSSCM	399	>TP53-S241F YMCNSFCM	261	138
>TP53-S241F YMCNSSCM	16	>TP53-S241F YMCNSFCM	18	2
>TP53-S241F YMCNSSCM	92	>TP53-S241F YMCNSFCM	46	46
>TP53-S241F YMCNSSCM	197	>TP53-S241F YMCNSFCM	277	80

>TP53-S241F YMCNSSCM	150	>TP53-S241F YMCNSFCM	54	96
>TP53-S241F YMCNSSCMC	421	>TP53-S241F YMCNSFCMC	515	94
>TP53-S241F YMCNSSCM	67	>TP53-S241F YMCNSFCM	30	37
>TP53-S241F YMCNSSCMC	332	>TP53-S241F YMCNSFCMC	527	195
>TP53-S241F YMCNSSCM	33	>TP53-S241F YMCNSFCM	16	17
>TP53-S241F YMCNSSCMC	53	>TP53-S241F YMCNSFCMC	58	5
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>TP53-S241F YMCNSSCM	33	>TP53-S241F YMCNSFCM	44	11
>TP53-S241F YMCNSSCMC	127	>TP53-S241F YMCNSFCMC	134	7
>TP53-S241F YMCNSSCMC	292	>TP53-S241F YMCNSFCMC	392	100
>TP53-S241F YMCNSSCMC	44	>TP53-S241F YMCNSFCMC	45	1
>TP53-S241F YMCNSSCM	98	>TP53-S241F YMCNSFCM	408	310
>TP53-S241F YMCNSSCMC	145	>TP53-S241F YMCNSFCMC	277	132
>TP53-S241F YMCNSSCM	20	>TP53-S241F YMCNSFCM	33	13
>TP53-S241F YMCNSSCMC	160	>TP53-S241F YMCNSFCMC	169	9
>TP53-S241F YMCNSSCMC	294	>TP53-S241F YMCNSFCMC	620	326
>TP53-S241F YMCNSSCM	310	>TP53-S241F YMCNSFCM	345	35
>TP53-S241F YMCNSSCM	346	>TP53-S241F YMCNSFCM	336	10
>TP53-S241F NYMCNSSCM	53	>TP53-S241F NYMCNSFCM	3105	3052
>TP53-S241F NYMCNSSCM	924	>TP53-S241F NYMCNSFCM	162	762
>TP53-S241F NYMCNSSCM	942	>TP53-S241F NYMCNSFCM	208	734
>TP53-S241F NYMCNSSCM	650	>TP53-S241F NYMCNSFCM	148	502
>TP53-S241F YNYMCNSS	13779	>TP53-S241F YNYMCNSF	113	13666
>TP53-S241F YNYMCNSSC	429	>TP53-S241F YNYMCNSFC	1181	752
>TP53-S241F YNYMCNSS	5404	>TP53-S241F YNYMCNSF	8	5396
>TP53-S241F YNYMCNSSC	31	>TP53-S241F YNYMCNSFC	94	63
>TP53-S241F YNYMCNSS	16247	>TP53-S241F YNYMCNSF	384	15863
>TP53-S241F YNYMCNSS	13650	>TP53-S241F YNYMCNSF	187	13463
>TP53-S241F HNYMCNSS	919	>TP53-S241F HNYMCNSF	50	869
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>TP53-S241F HNYMCNSS	21705	>TP53-S241F HNYMCNSF	63	21642
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>TP53-S241F HNYMCNSS	9928	>TP53-S241F HNYMCNSF	10	9918
>TP53-S241F HNYMCNSS	17718	>TP53-S241F HNYMCNSF	253	17465
>TP53-S241F HNYMCNSS	23513	>TP53-S241F HNYMCNSF	338	23175
>TP53-S241F HNYMCNSS	7698	>TP53-S241F HNYMCNSF	406	7292
>TP53-S241F IHNYMCNSS	40554	>TP53-S241F IHNYMCNSF	422	40132
>TP53-S241F IHNYMCNSS	1688	>TP53-S241F IHNYMCNSF	4	1684
>TP53-S241P SPCMGGMNR	464	>TP53-S241P SPCMGGMNR	1438	974
>TP53-S241P SPCMGGMNI	58	>TP53-S241P SPCMGGMNI	14535	14477
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>TP53-S241PSSCMGGMNI	220	>TP53-S241PSPCMGGMNI	3749	3529
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>TP53-S241PSSCMGGMNI	398	>TP53-S241PSPCMGGMNI	6210	5812
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>TP53-S241PNSSCMGGMI	111	>TP53-S241PNSPCMGGMI	480	369
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>TP53-S241PNSSCMGGMI	365	>TP53-S241PNSPCMGGMI	630	265
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>TP53-S241PYMCNSSCM	262	>TP53-S241PYMCNSPCM	92	170
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>TP53-S241T SSCMGGMNI	58	>TP53-S241T STCMGGMNI	30	28
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>TP53-S260C SSGNLLGRNS	32	>TP53-S260C CSGNLLGRNS	458	426
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>TP53-S260F SSGNLLGR	744	>TP53-S260F FSGNLLGR	284	460
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>TP53-S260F DSSGNLLGR	664	>TP53-S260F DFSGNLLGR	72	592
>TP53-S260F DSSGNLLGR	68	>TP53-S260F DFSGNLLGR	439	371
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>TP53-S260F LEDSSGNLL	20	>TP53-S260F LEDFSGNLL	19	1
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>TP53-S260F TLEDSSGNLL	133	>TP53-S260F TLEDFSGNLL	54	79

>TP53-S260F TLEDSSGNL	513	>TP53-S260F TLEDFSGNL	423	90
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>TP53-S260F TLEDSSGNL	1522	>TP53-S260F TLEDFSGNL	379	1143
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>TP53-S260F TLEDSSGNLL	23	>TP53-S260F TLEDFSGNLL	22	1
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>TP53-S260F ITLEDSSGNLL	354	>TP53-S260F ITLEDFSGNLL	287	67
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>TP53-S260F LTIITLEDS	9874	>TP53-S260F LTIITLEDF	7	9867
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>TP53-S260P DSSGNLLGR	68	>TP53-S260P DPSGNLLGR	1413	1345
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>TP53-S260P LEDSSGNL	33	>TP53-S260P LEDPSGNL	64	31
>TP53-S260P LEDSSGNLL	20	>TP53-S260P LEDPSGNLL	43	23
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>TP53-S260Y LEDSSGNLL	745	>TP53-S260Y LEDYSGNLL	235	510
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>TP53-S261C LEDSSGNL	33	>TP53-S261C LEDSCGNL	50	17
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>TP53-S261C ITLEDSSGNLL	536	>TP53-S261C ITLEDSCGNLL	459	77
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>TP53-S261CITLEDSSGNL	371	>TP53-S261CITLEDSSGNL	357	14
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>TP53-S261REDSSGNLL	273	>TP53-S261REDSSGNLL	235	38
>TP53-S261REDSSGNL	745	>TP53-S261REDSSGNL	363	382
>TP53-S261REDSSGNL	33	>TP53-S261REDSSGNL	116	83
>TP53-S261REDSSGNLL	20	>TP53-S261REDSSGNLL	128	108
>TP53-S261RTLEDSSGNL	62	>TP53-S261RTLEDSSGNL	734	672
>TP53-S261RTLEDSSGNLL	133	>TP53-S261RTLEDSSGNLL	310	177
>TP53-S261RTLEDSSGNL	24	>TP53-S261RTLEDSSGNL	33	9
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>TP53-S261RITLEDSSGNL	495	>TP53-S261RITLEDSSGNL	826	331
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>TP53-S261RITLEDSSGNLL	270	>TP53-S261RITLEDSSGNLL	489	219
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>TP53-S261RITLEDSSGNLL	339	>TP53-S261RITLEDSSGNLL	573	234
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>TP53-S261RITLEDSSGNL	6	>TP53-S261RITLEDSSGNL	12	6
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>TP53-S261RITLEDSSGNLL	259	>TP53-S261RITLEDSSGNLL	515	256
>TP53-S261RITLEDSSGNL	341	>TP53-S261RITLEDSSGNL	1466	1125
>TP53-S261RITLEDSSGNLL	30	>TP53-S261RITLEDSSGNLL	105	75
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>TP53-S261TSSGNLLGRNS	2774	>TP53-S261TSSGNLLGRNS	465	2309
>TP53-S261TSSGNLLGRNS	2212	>TP53-S261TSSGNLLGRNS	280	1932
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>TP53-S261TSSGNLLGRNS	974	>TP53-S261TSSGNLLGRNS	285	689
>TP53-S261TSSGNLLGR	744	>TP53-S261TSSGNLLGR	163	581
>TP53-S261TSSGNLLGRNS	245	>TP53-S261TSSGNLLGRNS	338	93
>TP53-S261TSSGNLLGRNS	390	>TP53-S261TSSGNLLGRNS	279	111
>TP53-S261TSSGNLLGRNS	32	>TP53-S261TSSGNLLGRNS	14	18
>TP53-S261TSSGNLLGR	357	>TP53-S261TSSGNLLGR	238	119
>TP53-S261TILTIITLEDSS	4003	>TP53-S261TILTIITLEDSS	343	3660
>TP53-S261TDSSGNLLGR	68	>TP53-S261TDSSGNLLGR	80	12
>TP53-S261TEDSSGNLL	273	>TP53-S261TEDSSGNLL	184	89
>TP53-S261TLEDSSGNL	33	>TP53-S261TLEDSSGNL	33	0
>TP53-S261TLEDSSGNLL	20	>TP53-S261TLEDSSGNLL	22	2
>TP53-S261TLEDSSGNL	62	>TP53-S261TLEDSSGNL	37	25
>TP53-S261TLEDSSGNLL	133	>TP53-S261TLEDSSGNLL	115	18
>TP53-S261TLEDSSGNL	513	>TP53-S261TLEDSSGNL	244	269
>TP53-S261TLEDSSGNL	24	>TP53-S261TLEDSSGNL	14	10
>TP53-S261TLEDSSGNLL	23	>TP53-S261TLEDSSGNLL	19	4
>TP53-S261TITLEDSSGNL	495	>TP53-S261TITLEDSSGNL	401	94
>TP53-S261TITLEDSSGNLL	536	>TP53-S261TITLEDSSGNLL	486	50
>TP53-S261TITLEDSSGNL	471	>TP53-S261TITLEDSSGNL	259	212
>TP53-S261TITLEDSSGNL	371	>TP53-S261TITLEDSSGNL	339	32
>TP53-S261TITLEDSSGNLL	270	>TP53-S261TITLEDSSGNLL	199	71
>TP53-S261TITLEDSSGNL	302	>TP53-S261TITLEDSSGNL	320	18
>TP53-S261TITLEDSSGNLL	339	>TP53-S261TITLEDSSGNLL	311	28
>TP53-S261TITLEDSSGNL	137	>TP53-S261TITLEDSSGNL	107	30
>TP53-S261TITLEDSSGNLL	354	>TP53-S261TITLEDSSGNLL	282	72
>TP53-S261TITLEDSSGNL	6	>TP53-S261TITLEDSSGNL	8	2
>TP53-S261TITLEDSSGNLL	18	>TP53-S261TITLEDSSGNLL	29	11
>TP53-S261TITLEDSSGNLL	259	>TP53-S261TITLEDSSGNLL	292	33
>TP53-S261TITLEDSSGNL	341	>TP53-S261TITLEDSSGNL	663	322
>TP53-S261TITLEDSSGNLL	30	>TP53-S261TITLEDSSGNLL	46	16



>TP53-S261T LTIITLEDSS	4476	>TP53-S261T LTIITLEDST	462	4014
>TP53-S269C NSFVVRVCA	21	>TP53-S269C NCFVVRVCA	176	155
>TP53-S269C GRNSFEVR	405	>TP53-S269C GRNCFEVR	403	2
>TP53-S269C LGRNSFEVR	286	>TP53-S269C LGRNCFEVR	161	125
>TP53-S269C LGRNSFEVR	3056	>TP53-S269C LGRNCFEVR	498	2558
>TP53-S269C LLGRNSFEV	26	>TP53-S269C LLGRNCFEV	31	5
>TP53-S269C LLGRNSFEVR	137	>TP53-S269C LLGRNCFEVR	151	14
>TP53-S269C LLGRNSFEV	16	>TP53-S269C LLGRNCFEV	26	10
>TP53-S269C LLGRNSFEVR	62	>TP53-S269C LLGRNCFEVR	85	23
>TP53-S269C LLGRNSFEV	47	>TP53-S269C LLGRNCFEV	83	36
>TP53-S269C LLGRNSFEVR	214	>TP53-S269C LLGRNCFEVR	290	76
>TP53-S269C LLGRNSFEV	39	>TP53-S269C LLGRNCFEV	49	10
>TP53-S269C LLGRNSFEV	2	>TP53-S269C LLGRNCFEV	3	1
>TP53-S269C LLGRNSFEVR	3	>TP53-S269C LLGRNCFEVR	4	1
>TP53-S269C LLGRNSFEV	2	>TP53-S269C LLGRNCFEV	4	2
>TP53-S269C LLGRNSFEVR	7	>TP53-S269C LLGRNCFEVR	9	2
>TP53-S269C LLGRNSFEV	5	>TP53-S269C LLGRNCFEV	6	1
>TP53-S269C LLGRNSFEVR	9	>TP53-S269C LLGRNCFEVR	12	3
>TP53-S269C LLGRNSFEV	2	>TP53-S269C LLGRNCFEV	3	1
>TP53-S269C LLGRNSFEVR	6	>TP53-S269C LLGRNCFEVR	8	2
>TP53-S269C LLGRNSFEV	2	>TP53-S269C LLGRNCFEV	2	0
>TP53-S269C LLGRNSFEVR	2	>TP53-S269C LLGRNCFEVR	2	0
>TP53-S269C LLGRNSFEVR	429	>TP53-S269C LLGRNCFEVR	397	32
>TP53-S269C LLGRNSFEV	425	>TP53-S269C LLGRNCFEV	1070	645
>TP53-S269C LLGRNSFEVR	773	>TP53-S269C LLGRNCFEVR	489	284
>TP53-S269C NLLGRNSFEV	29	>TP53-S269C NLLGRNCFEV	21	8
>TP53-S269C NLLGRNSFEV	89	>TP53-S269C NLLGRNCFEV	136	47
>TP53-S269C NLLGRNSFEV	94	>TP53-S269C NLLGRNCFEV	90	4
>TP53-S269C NLLGRNSFEV	137	>TP53-S269C NLLGRNCFEV	125	12
>TP53-S269C NLLGRNSFEV	3	>TP53-S269C NLLGRNCFEV	4	1
>TP53-S269C NLLGRNSFEV	5	>TP53-S269C NLLGRNCFEV	6	1
>TP53-S269C NLLGRNSFEV	7	>TP53-S269C NLLGRNCFEV	6	1
>TP53-S269C NLLGRNSFEV	3	>TP53-S269C NLLGRNCFEV	3	0
>TP53-S269C NLLGRNSFEV	3	>TP53-S269C NLLGRNCFEV	3	0
>TP53-S269C NLLGRNSFEV	502	>TP53-S269C NLLGRNCFEV	408	94
>TP53-S269C NLLGRNSFEV	109	>TP53-S269C NLLGRNCFEV	92	17
>TP53-S269C NLLGRNSFEV	309	>TP53-S269C NLLGRNCFEV	462	153
>TP53-S269C NLLGRNSFEV	52	>TP53-S269C NLLGRNCFEV	74	22
>TP53-S269C NLLGRNSF	65	>TP53-S269C NLLGRNCF	185	120
>TP53-S269C NLLGRNSF	418	>TP53-S269C NLLGRNCF	1270	852
>TP53-S269C NLLGRNSFEV	195	>TP53-S269C NLLGRNCFEV	66	129
>TP53-S269C SGNLLGRNSF	311	>TP53-S269C SGNLLGRNCF	1433	1122
>TP53-S269C SSGNLLGRNS	245	>TP53-S269C SSGNLLGRNC	1213	968

>TP53-S269C SSGNLLGRNS	390	>TP53-S269C SSGNLLGRNC	1847	1457
>TP53-S269C SSGNLLGRNS	32	>TP53-S269C SSGNLLGRNC	114	82
>TP53-S269C NSFVCA	21	>TP53-S269C NGFVCA	386	365
>TP53-S269C GRNSFEVR	405	>TP53-S269C GRNGFEVR	310	95
>TP53-S269C GRNSFEVRV	631	>TP53-S269C GRNGFEVRV	447	184
>TP53-S269C LGRNSFEVR	286	>TP53-S269C LGRNGFEVR	496	210
>TP53-S269C LLGRNSFEV	26	>TP53-S269C LLGRNGFEV	83	57
>TP53-S269C LLGRNSFEVR	137	>TP53-S269C LLGRNGFEVR	280	143
>TP53-S269C LLGRNSFEV	16	>TP53-S269C LLGRNGFEV	46	30
>TP53-S269C LLGRNSFEVR	62	>TP53-S269C LLGRNGFEVR	113	51
>TP53-S269C LLGRNSFEV	47	>TP53-S269C LLGRNGFEV	95	48
>TP53-S269C LLGRNSFEVR	214	>TP53-S269C LLGRNGFEVR	334	120
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>TP53-S269C LLGRNSFEV	2	>TP53-S269C LLGRNGFEV	2	0
>TP53-S269C LLGRNSFEVR	3	>TP53-S269C LLGRNGFEVR	3	0
>TP53-S269C LLGRNSFEV	2	>TP53-S269C LLGRNGFEV	3	1
>TP53-S269C LLGRNSFEVR	7	>TP53-S269C LLGRNGFEVR	9	2
>TP53-S269C LLGRNSFEV	5	>TP53-S269C LLGRNGFEV	6	1
>TP53-S269C LLGRNSFEVR	9	>TP53-S269C LLGRNGFEVR	10	1
>TP53-S269C LLGRNSFEV	2	>TP53-S269C LLGRNGFEV	3	1
>TP53-S269C LLGRNSFEVR	6	>TP53-S269C LLGRNGFEVR	8	2
>TP53-S269C LLGRNSFEV	2	>TP53-S269C LLGRNGFEV	2	0
>TP53-S269C LLGRNSFEVR	2	>TP53-S269C LLGRNGFEVR	2	0
>TP53-S269C LLGRNSFEVR	429	>TP53-S269C LLGRNGFEVR	1472	1043
>TP53-S269C LLGRNSFEV	425	>TP53-S269C LLGRNGFEV	1094	669
>TP53-S269C NLLGRNSFEV	29	>TP53-S269C NLLGRNGFEV	42	13
>TP53-S269C NLLGRNSFEV	89	>TP53-S269C NLLGRNGFEV	152	63
>TP53-S269C NLLGRNSFEV	94	>TP53-S269C NLLGRNGFEV	185	91
>TP53-S269C NLLGRNSFEV	137	>TP53-S269C NLLGRNGFEV	139	2
>TP53-S269C NLLGRNSFEV	3	>TP53-S269C NLLGRNGFEV	4	1
>TP53-S269C NLLGRNSFEV	5	>TP53-S269C NLLGRNGFEV	9	4
>TP53-S269C NLLGRNSFEV	7	>TP53-S269C NLLGRNGFEV	9	2
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>TP53-S269C NLLGRNSFEV	3	>TP53-S269C NLLGRNGFEV	3	0
>TP53-S269C NLLGRNSFEV	109	>TP53-S269C NLLGRNGFEV	118	9
>TP53-S269C NLLGRNSFEV	309	>TP53-S269C NLLGRNGFEV	611	302
>TP53-S269C NLLGRNSFEV	52	>TP53-S269C NLLGRNGFEV	88	36
>TP53-S269C NLLGRNSF	65	>TP53-S269C NLLGRNGF	75	10
>TP53-S269C NLLGRNSF	418	>TP53-S269C NLLGRNGF	2355	1937
>TP53-S269C NLLGRNSFEV	195	>TP53-S269C NLLGRNGFEV	241	46
>TP53-S269C SGNLLGRNSF	311	>TP53-S269C SGNLLGRNGI	668	357
>TP53-S269C SSGNLLGRNS	245	>TP53-S269C SSGNLLGRNC	855	610
>TP53-S269C SSGNLLGRNS	390	>TP53-S269C SSGNLLGRNC	325	65

>TP53-S269C SSGNLLGRNS	32	>TP53-S269C SSGNLLGRNC	95	63
>TP53-S269N NSFEVRVCA	21	>TP53-S269N NNFEVRVCA	231	210
>TP53-S269N GRNSFEVR	405	>TP53-S269N GRNNFEVR	327	78
>TP53-S269N LGRNSFEVR	286	>TP53-S269N LGRNNFEVR	445	159
>TP53-S269N LLGRNSFEV	26	>TP53-S269N LLGRNNFEV	28	2
>TP53-S269N LLGRNSFEVR	137	>TP53-S269N LLGRNNFEVR	148	11
>TP53-S269N LLGRNSFEV	16	>TP53-S269N LLGRNNFEV	17	1
>TP53-S269N LLGRNSFEVR	62	>TP53-S269N LLGRNNFEVR	72	10
>TP53-S269N LLGRNSFEV	47	>TP53-S269N LLGRNNFEV	104	57
>TP53-S269N LLGRNSFEVR	214	>TP53-S269N LLGRNNFEVR	329	115
>TP53-S269N LLGRNSFEV	39	>TP53-S269N LLGRNNFEV	61	22
>TP53-S269N LLGRNSFEV	2	>TP53-S269N LLGRNNFEV	2	0
>TP53-S269N LLGRNSFEVR	3	>TP53-S269N LLGRNNFEVR	3	0
>TP53-S269N LLGRNSFEV	2	>TP53-S269N LLGRNNFEV	3	1
>TP53-S269N LLGRNSFEVR	7	>TP53-S269N LLGRNNFEVR	8	1
>TP53-S269N LLGRNSFEV	5	>TP53-S269N LLGRNNFEV	6	1
>TP53-S269N LLGRNSFEVR	9	>TP53-S269N LLGRNNFEVR	11	2
>TP53-S269N LLGRNSFEV	2	>TP53-S269N LLGRNNFEV	3	1
>TP53-S269N LLGRNSFEVR	6	>TP53-S269N LLGRNNFEVR	7	1
>TP53-S269N LLGRNSFEV	2	>TP53-S269N LLGRNNFEV	2	0
>TP53-S269N LLGRNSFEVR	2	>TP53-S269N LLGRNNFEVR	2	0
>TP53-S269N LLGRNSFEVR	429	>TP53-S269N LLGRNNFEVR	988	559
>TP53-S269N LLGRNSFEV	425	>TP53-S269N LLGRNNFEV	565	140
>TP53-S269N NLLGRNSFEV	29	>TP53-S269N NLLGRNNFEV	29	0
>TP53-S269N NLLGRNSFEV	89	>TP53-S269N NLLGRNNFEV	80	9
>TP53-S269N NLLGRNSFEV	94	>TP53-S269N NLLGRNNFEV	147	53
>TP53-S269N NLLGRNSFEV	137	>TP53-S269N NLLGRNNFEV	153	16
>TP53-S269N NLLGRNSFEV	3	>TP53-S269N NLLGRNNFEV	4	1
>TP53-S269N NLLGRNSFEV	5	>TP53-S269N NLLGRNNFEV	6	1
>TP53-S269N NLLGRNSFEV	7	>TP53-S269N NLLGRNNFEV	8	1
>TP53-S269N NLLGRNSFEV	3	>TP53-S269N NLLGRNNFEV	4	1
>TP53-S269N NLLGRNSFEV	3	>TP53-S269N NLLGRNNFEV	3	0
>TP53-S269N NLLGRNSFEV	109	>TP53-S269N NLLGRNNFEV	171	62
>TP53-S269N NLLGRNSFEV	309	>TP53-S269N NLLGRNNFEV	422	113
>TP53-S269N NLLGRNSFEV	52	>TP53-S269N NLLGRNNFEV	58	6
>TP53-S269N NLLGRNSF	65	>TP53-S269N NLLGRNNF	134	69
>TP53-S269N NLLGRNSF	418	>TP53-S269N NLLGRNNF	863	445
>TP53-S269N NLLGRNSFEV	195	>TP53-S269N NLLGRNNFEV	123	72
>TP53-S269N SGNLLGRNSF	311	>TP53-S269N SGNLLGRNNI	662	351
>TP53-S269N SSGNLLGRNS	245	>TP53-S269N SSGNLLGRNN	1595	1350
>TP53-S269N SSGNLLGRNS	390	>TP53-S269N SSGNLLGRNN	416	26
>TP53-S269N SSGNLLGRNS	32	>TP53-S269N SSGNLLGRNN	76	44
>TP53-S269R NSFEVRVCA	21	>TP53-S269R NRFEVRVCA	3218	3197

>TP53-S269RNSFEVRVCA	23689	>TP53-S269RNRFEVRVCA	361	23328
>TP53-S269RNSFEVRVC	7707	>TP53-S269RNRFEVRVC	97	7610
>TP53-S269RNSFEVRVCA	2896	>TP53-S269RNRFEVRVCA	47	2849
>TP53-S269RNSFEVRVCAC	10571	>TP53-S269RNRFEVRVCAC	239	10332
>TP53-S269RNSFEVRVCAC	7981	>TP53-S269RNRFEVRVCAC	104	7877
>TP53-S269RDSSGNLLGRN	34541	>TP53-S269RDSSGNLLGRN	462	34079
>TP53-S269RDSSGNLLGRN	30515	>TP53-S269RDSSGNLLGRN	134	30381
>TP53-S269RRNSFEVRV	11489	>TP53-S269RRNRFEVRV	333	11156
>TP53-S269RRNSFEVRVCA	7573	>TP53-S269RRNRFEVRVCA	118	7455
>TP53-S269RGRNSFEVR	405	>TP53-S269RGRNRFEVR	244	161
>TP53-S269RGRNSFEVRV	631	>TP53-S269RGRNRFEVRV	393	238
>TP53-S269RLGRNSFEVR	286	>TP53-S269RLGRNRFEVR	120	166
>TP53-S269RLLGRNSFEV	26	>TP53-S269RLLGRNRFEV	141	115
>TP53-S269RLLGRNSFEVR	137	>TP53-S269RLLGRNRFEVR	440	303
>TP53-S269RLLGRNSFEV	16	>TP53-S269RLLGRNRFEV	64	48
>TP53-S269RLLGRNSFEVR	62	>TP53-S269RLLGRNRFEVR	166	104
>TP53-S269RLLGRNSFEV	47	>TP53-S269RLLGRNRFEV	306	259
>TP53-S269RLLGRNSFEVR	214	>TP53-S269RLLGRNRFEVR	640	426
>TP53-S269RLLGRNSFEV	39	>TP53-S269RLLGRNRFEV	238	199
>TP53-S269RLLGRNSFEV	2	>TP53-S269RLLGRNRFEV	4	2
>TP53-S269RLLGRNSFEVR	3	>TP53-S269RLLGRNRFEVR	6	3
>TP53-S269RLLGRNSFEV	2	>TP53-S269RLLGRNRFEV	8	6
>TP53-S269RLLGRNSFEVR	7	>TP53-S269RLLGRNRFEVR	19	12
>TP53-S269RLLGRNSFEV	5	>TP53-S269RLLGRNRFEV	10	5
>TP53-S269RLLGRNSFEVR	9	>TP53-S269RLLGRNRFEVR	17	8
>TP53-S269RLLGRNSFEV	2	>TP53-S269RLLGRNRFEV	9	7
>TP53-S269RLLGRNSFEVR	6	>TP53-S269RLLGRNRFEVR	20	14
>TP53-S269RLLGRNSFEV	2	>TP53-S269RLLGRNRFEV	2	0
>TP53-S269RLLGRNSFEVR	2	>TP53-S269RLLGRNRFEVR	2	0
>TP53-S269RLLGRNSFEVR	429	>TP53-S269RLLGRNRFEVR	430	1
>TP53-S269RLLGRNSFEV	425	>TP53-S269RLLGRNRFEV	1302	877
>TP53-S269RNLLGRNSFEV	29	>TP53-S269RNLLGRNRFEV	51	22
>TP53-S269RNLLGRNSFEV	89	>TP53-S269RNLLGRNRFEV	130	41
>TP53-S269RNLLGRNSFEV	94	>TP53-S269RNLLGRNRFEV	169	75
>TP53-S269RNLLGRNSFEV	137	>TP53-S269RNLLGRNRFEV	273	136
>TP53-S269RNLLGRNSFEV	3	>TP53-S269RNLLGRNRFEV	6	3
>TP53-S269RNLLGRNSFEV	5	>TP53-S269RNLLGRNRFEV	18	13
>TP53-S269RNLLGRNSFEV	7	>TP53-S269RNLLGRNRFEV	14	7
>TP53-S269RNLLGRNSFEV	3	>TP53-S269RNLLGRNRFEV	9	6
>TP53-S269RNLLGRNSFEV	3	>TP53-S269RNLLGRNRFEV	4	1
>TP53-S269RNLLGRNSFEV	502	>TP53-S269RNLLGRNRFEV	487	15
>TP53-S269RNLLGRNSFEV	109	>TP53-S269RNLLGRNRFEV	92	17
>TP53-S269RNLLGRNSFEV	309	>TP53-S269RNLLGRNRFEV	756	447

>TP53-S269R NLLGRNSFEV	52	>TP53-S269R NLLGRNRFEV	160	108
>TP53-S269R NLLGRNSF	65	>TP53-S269R NLLGRNRF	174	109
>TP53-S269R NLLGRNSF	418	>TP53-S269R NLLGRNRF	2794	2376
>TP53-S269R NLLGRNSFEV	195	>TP53-S269R NLLGRNRFEV	174	21
>TP53-S269R GNLLGRNSF	525	>TP53-S269R GNLLGRNRF	411	114
>TP53-S269R SGNLLGRNSF	311	>TP53-S269R SGNLLGRNRF	1047	736
>TP53-S269R SSGNLLGRNS	22850	>TP53-S269R SSGNLLGRNF	85	22765
>TP53-S269R SSGNLLGRNS	245	>TP53-S269R SSGNLLGRNF	1295	1050
>TP53-S269R SSGNLLGRNS	390	>TP53-S269R SSGNLLGRNF	284	106
>TP53-S269R SSGNLLGRNS	32	>TP53-S269R SSGNLLGRNF	25	7
>TP53-S269T NSFVCA	21	>TP53-S269T NTFVCA	7	14
>TP53-S269T GRNSFEVR	405	>TP53-S269T GRNTFEVR	416	11
>TP53-S269T LGRNSFEVR	286	>TP53-S269T LGRNTFEVR	262	24
>TP53-S269T LLGRNSFEV	26	>TP53-S269T LLGRNTFEV	19	7
>TP53-S269T LLGRNSFEVR	137	>TP53-S269T LLGRNTFEVR	122	15
>TP53-S269T LLGRNSFEV	16	>TP53-S269T LLGRNTFEV	14	2
>TP53-S269T LLGRNSFEVR	62	>TP53-S269T LLGRNTFEVR	61	1
>TP53-S269T LLGRNSFEV	47	>TP53-S269T LLGRNTFEV	30	17
>TP53-S269T LLGRNSFEVR	214	>TP53-S269T LLGRNTFEVR	178	36
>TP53-S269T LLGRNSFEV	39	>TP53-S269T LLGRNTFEV	33	6
>TP53-S269T LLGRNSFEV	2	>TP53-S269T LLGRNTFEV	2	0
>TP53-S269T LLGRNSFEVR	3	>TP53-S269T LLGRNTFEVR	3	0
>TP53-S269T LLGRNSFEV	2	>TP53-S269T LLGRNTFEV	2	0
>TP53-S269T LLGRNSFEVR	7	>TP53-S269T LLGRNTFEVR	7	0
>TP53-S269T LLGRNSFEV	5	>TP53-S269T LLGRNTFEV	5	0
>TP53-S269T LLGRNSFEVR	9	>TP53-S269T LLGRNTFEVR	10	1
>TP53-S269T LLGRNSFEV	2	>TP53-S269T LLGRNTFEV	2	0
>TP53-S269T LLGRNSFEVR	6	>TP53-S269T LLGRNTFEVR	6	0
>TP53-S269T LLGRNSFEV	2	>TP53-S269T LLGRNTFEV	1	1
>TP53-S269T LLGRNSFEVR	2	>TP53-S269T LLGRNTFEVR	2	0
>TP53-S269T LLGRNSFEVR	429	>TP53-S269T LLGRNTFEVR	578	149
>TP53-S269T LLGRNSFEV	425	>TP53-S269T LLGRNTFEV	286	139
>TP53-S269T LLGRNSFEVR	773	>TP53-S269T LLGRNTFEVR	499	274
>TP53-S269T NLLGRNSFEV	29	>TP53-S269T NLLGRNTFEV	27	2
>TP53-S269T NLLGRNSFEV	89	>TP53-S269T NLLGRNTFEV	72	17
>TP53-S269T NLLGRNSFEV	94	>TP53-S269T NLLGRNTFEV	62	32
>TP53-S269T NLLGRNSFEV	137	>TP53-S269T NLLGRNTFEV	129	8
>TP53-S269T NLLGRNSFEV	3	>TP53-S269T NLLGRNTFEV	3	0
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>TP53-S269T NLLGRNSFEV	7	>TP53-S269T NLLGRNTFEV	6	1
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>TP53-S269T NLLGRNSFEV	502	>TP53-S269T NLLGRNTFEV	440	62

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>TP53-S269T GNLLGRNSF	525	>TP53-S269T GNLLGRNTF	242	283
>TP53-S269T SGNLLGRNSF	311	>TP53-S269T SGNLLGRNTF	412	101
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>TP53-S303C STKRALPNNT	89	>TP53-S303C CTKRALPNNNT	536	447
>TP53-S303C STKRALPNNT	46	>TP53-S303C CTKRALPNNNT	258	212
>TP53-S303C PPGSTKRAL	44	>TP53-S303C PPGCTKRAL	66	22
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>TP53-S303C LPPGSTKRAL	296	>TP53-S303C LPPGCTKRAL	344	48
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>TP53-S303C ELPPGSTKRA	98	>TP53-S303C ELPPGCTKRA	122	24
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>TP53-S303C HELPPGSTKR	250	>TP53-S303C HELPPGCTKR	586	336
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>TP53-S315C SSPQPKKKPL	40	>TP53-S315C SCPQPKKKPL	7179	7139
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>TP53-S315C SSSPQPQPK	73	>TP53-S315C SSCPQPQPK	98	25
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>TP53-S315P SSPQPKKKPL	13096	>TP53-S315P SPPQPKKKPL	46	13050
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>TP53-S315P SSSPQPKK	390	>TP53-S315P SSPPQPKK	2811	2421
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>TP53-S315P LPNNTSSS	383	>TP53-S315P LPNNTSSP	3585	3202
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>TP53-S33T-1 LLPENNVLS	846	>TP53-S33T-1 LLPENNVLT	136	710
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>TP53-S366A HSSHLKSCK	93	>TP53-S366A HASHLKSCK	72	21
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>TP53-S366A RAHSSHLKSK	307	>TP53-S366A RAHASHLKSCK	293	14
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>TP53-S366A GGSRAHSSHI	286	>TP53-S366A GGSRAHASHI	369	83
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>TP53-S376A STSRHKKLMF	663	>TP53-S376A ATSRHKKLMF	351	312
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>TP53-S376A STSRHKKLMF	24	>TP53-S376A ATSRHKKLMF	11	13
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>TP53-S376A QSTSRHKK	199	>TP53-S376A QATSRHKK	733	534
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>TP53-S376A QSTSRHKKL	62	>TP53-S376A QATSRHKKL	585	523
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>TP53-S376A GQSTSRHKK	515	>TP53-S376A GQATSRHKK	489	26
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>TP53-S376A GQSTSRHKK	39	>TP53-S376A GQATSRHKK	57	18
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>TP53-S376A KGQSTSRHKK	80	>TP53-S376A KGQATSRHKKI	47	33
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>TP53-S376A KKGQSTSR	104	>TP53-S376A KKGQATSR	99	5
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>TP53-S376A KSKKGQST	105	>TP53-S376A KSKKGQAT	123	18
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>TP53-S376T STSRHKKLMF	24	>TP53-S376T TTSRHKKLMF	35	11
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>TP53-S376T STSRHKKLMF	22	>TP53-S376T TTSRHKKLMF	34	12
>TP53-S376T STSRHKKLMF	86	>TP53-S376T TTSRHKKLMF	158	72
>TP53-S376T QSTSRHKK	199	>TP53-S376T QTTSRHKK	96	103
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>TP53-S376T QSTSRHKKL	62	>TP53-S376T QTTSRHKKL	38	24
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>TP53-S376T LSKKKGQSTS	207	>TP53-S376T LSKKKGQTTS	252	45
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>TP53-S37T-1 SQAMDDLMI	463	>TP53-S37T-1 TQAMDDLMI	1203	740
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>TP53-S37T-1 SPLPSQAM	19	>TP53-S37T-1 SPLPTQAM	20	1
>TP53-S37T-1 SPLPSQAMDI	189	>TP53-S37T-1 SPLPTQAMDI	216	27
>TP53-S37T-1 SPLPSQAM	28	>TP53-S37T-1 SPLPTQAM	24	4
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>TP53-S37T-1 VLSPLPSQA	1151	>TP53-S37T-1 VLSPLPTQA	485	666
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>TP53-S37T-1 VLSPLPSQAM	255	>TP53-S37T-1 VLSPLPTQAM	186	69
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>TP53-S37T-1 VLSPLPSQAM	76	>TP53-S37T-1 VLSPLPTQAM	80	4
>TP53-S37T-1 VLSPLPSQA	64	>TP53-S37T-1 VLSPLPTQA	53	11
>TP53-S37T-1 VLSPLPSQA	125	>TP53-S37T-1 VLSPLPTQA	182	57
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>TP53-S37T-1 VLSPLPSQAM	43	>TP53-S37T-1 VLSPLPTQAM	33	10
>TP53-S37T-1 VLSPLPSQAM	204	>TP53-S37T-1 VLSPLPTQAM	311	107
>TP53-S37T-1 VLSPLPSQAM	243	>TP53-S37T-1 VLSPLPTQAM	325	82
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>TP53-S37T-1 NVLSPLPSQ	498	>TP53-S37T-1 NVLSPLPTQ	491	7
>TP53-S37T-1 NVLSPLPSQA	45	>TP53-S37T-1 NVLSPLPTQA	20	25
>TP53-S37T-1 NVLSPLPSQA	439	>TP53-S37T-1 NVLSPLPTQA	172	267
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>TP53-S392L KLMFKTEGPE	6539	>TP53-S392L KLMFKTEGPE	49	6490
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>TP53-S46F-1 SPDDIEQWF1	2588	>TP53-S46F-1 FPDDIEQWF1	206	2382
>TP53-S46F-1 SPDDIEQW	46	>TP53-S46F-1 FPDDIEQW	9	37
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>TP53-S46F-1 LSPDDIEQW	6132	>TP53-S46F-1 LFPDDIEQW	33	6099
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>TP53-S46F-1 LSPDDIEQW	195	>TP53-S46F-1 LFPDDIEQW	16217	16022
>TP53-S46F-1 LSPDDIEQWF	180	>TP53-S46F-1 LFPDDIEQWF	27212	27032
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>TP53-S46F-1 LSPDDIEQW	149	>TP53-S46F-1 LFPDDIEQW	10104	9955
>TP53-S46F-1 LSPDDIEQW	181	>TP53-S46F-1 LFPDDIEQW	15884	15703
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>TP53-S46F-1 LSPDDIEQWF	84	>TP53-S46F-1 LFPDDIEQWF	4580	4496
>TP53-S46F-1 LSPDDIEQW	218	>TP53-S46F-1 LFPDDIEQW	1421	1203
>TP53-S46F-1 MLSPDDIEQ	405	>TP53-S46F-1 MLFPDDIEQ	206	199
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>TP53-S46F-1 MLSPDDIEQ\	129	>TP53-S46F-1 MLFPDDIEQ\	44	85
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>TP53-S46F-1 MLSPDDIEQ\	1870	>TP53-S46F-1 MLFPDDIEQ\	334	1536
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>TP53-S46F-1 MLSPDDIEQ\	93	>TP53-S46F-1 MLFPDDIEQ\	29	64
>TP53-S46F-1 MLSPDDIEQ\	427	>TP53-S46F-1 MLFPDDIEQ\	85	342
>TP53-S46F-1 MLSPDDIEQ\	131	>TP53-S46F-1 MLFPDDIEQ\	95	36
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>TP53-S46F-1 MLSPDDIEQ\	292	>TP53-S46F-1 MLFPDDIEQ\	122	170
>TP53-S46F-1 MLSPDDIEQ\	80	>TP53-S46F-1 MLFPDDIEQ\	50	30
>TP53-S46F-1 MLSPDDIEQ\	445	>TP53-S46F-1 MLFPDDIEQ\	107	338
>TP53-S46F-1 LMLSPDDI	14	>TP53-S46F-1 LMLFPDDI	19	5
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>TP53-S46F-1 LMLSPDDI	314	>TP53-S46F-1 LMLFPDDI	1295	981
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>TP53-S46F-1 LMLSPDDIEQ	174	>TP53-S46F-1 LMLFPDDIEQ	198	24
>TP53-S46F-1 DDLMLSPDDI	436	>TP53-S46F-1 DDLMLFPDDI	285	151
>TP53-S46F-1 DDLMLSPDDI	237	>TP53-S46F-1 DDLMLFPDDI	217	20
>TP53-S46F-1 MDDLMLSPD	520	>TP53-S46F-1 MDDLMLFPD	421	99
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>TP53-S46F-1 MDDLMLSPD	762	>TP53-S46F-1 MDDLMLFPD	321	441
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>TP53-S46F-1 QAMDDLMLS	1712	>TP53-S46F-1 QAMDDLMLI	263	1449
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>TP53-S46F-1 SQAMDDLMI	11689	>TP53-S46F-1 SQAMDDLMI	68	11621
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>TP53-S46P-1 LMLSPDDI	14	>TP53-S46P-1 LMLPPDDI	12	2
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>TP53-S46P-1 DDLMLSPDDI	436	>TP53-S46P-1 DDLMLPPDD	1859	1423
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>TP53-S46P-1 MDDLMLSPD	277	>TP53-S46P-1 MDDLMLPPE	318	41
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>TP53-S90F-1 SWPLSSSV	3721	>TP53-S90F-1 FWPLSSSV	305	3416
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>TP53-S99P-I LSSSVPSQK	23	>TP53-S99P-I LSSSVPPQK	26	3
>TP53-S99P-I LSSSVPSQKT	450	>TP53-S99P-I LSSSVPPQKT	349	101
>TP53-S99P-I LSSSVPSQK	945	>TP53-S99P-I LSSSVPPQK	161	784
>TP53-S99P-I LSSSVPSQKT	50	>TP53-S99P-I LSSSVPPQKT	52	2
>TP53-S99P-I LSSSVPSQK	34	>TP53-S99P-I LSSSVPPQK	88	54
>TP53-S99P-I LSSSVPSQKT	149	>TP53-S99P-I LSSSVPPQKT	223	74
>TP53-S99P-I LSSSVPSQKT	32	>TP53-S99P-I LSSSVPPQKT	59	27
>TP53-S99P-I LSSSVPSQKT	6	>TP53-S99P-I LSSSVPPQKT	8	2
>TP53-S99P-I LSSSVPSQKT	229	>TP53-S99P-I LSSSVPPQKT	303	74
>TP53-S99P-I LSSSVPSQKT	204	>TP53-S99P-I LSSSVPPQKT	295	91
>TP53-S99P-I LSSSVPSQKT	32	>TP53-S99P-I LSSSVPPQKT	41	9
>TP53-S99P-I LSSSVPSQK	189	>TP53-S99P-I LSSSVPPQK	5524	5335
>TP53-S99P-I LSSSVPSQKT	8	>TP53-S99P-I LSSSVPPQKT	12	4
>TP53-S99P-I PLSSSVPSQK	472	>TP53-S99P-I PLSSSVPPQK	1737	1265
>TP53-S99P-I PLSSSVPSQK	382	>TP53-S99P-I PLSSSVPPQK	415	33
>TP53-S99P-I WPLSSSVPS	27	>TP53-S99P-I WPLSSSVPP	119	92
>TP53-S99P-I WPLSSSVPS	159	>TP53-S99P-I WPLSSSVPP	274	115
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>TP53-T102I-TYQGSYGFR	141	>TP53-T102I-IYQGSYGFR	283	142
>TP53-T102I-TYQGSYGF	28	>TP53-T102I-IYQGSYGF	30	2
>TP53-T102I-TYQGSYGFR	316	>TP53-T102I-IYQGSYGFR	383	67
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>TP53-T102I-TYQGSYGFR	163	>TP53-T102I-IYQGSYGFR	193	30
>TP53-T102I-TYQGSYGF	5	>TP53-T102I-IYQGSYGF	5	0
>TP53-T102I-TYQGSYGFR	255	>TP53-T102I-IYQGSYGFR	380	125
>TP53-T102I-TYQGSYGFR	7	>TP53-T102I-IYQGSYGFR	8	1
>TP53-T102I-TYQGSYGF	19	>TP53-T102I-IYQGSYGF	18	1
>TP53-T102I-TYQGSYGF	25	>TP53-T102I-IYQGSYGF	23	2
>TP53-T102I-TYQGSYGF	154	>TP53-T102I-IYQGSYGF	506	352
>TP53-T102I-TYQGSYGF	53	>TP53-T102I-IYQGSYGF	38	15
>TP53-T102I-KTYQGSYGF	220	>TP53-T102I-KIYQGSYGF	204	16
>TP53-T102I-KTYQGSYGF	169	>TP53-T102I-KIYQGSYGF	39	130
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>TP53-T102I-KTYQGSYGF	23	>TP53-T102I-KIYQGSYGF	7	16
>TP53-T102I-KTYQGSYGF	854	>TP53-T102I-KIYQGSYGF	136	718
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>TP53-T102I-KTYQGSGYFR	57	>TP53-T102I-KIYQGSGYFR	155	98
>TP53-T102I-KTYQGSGYGF	481	>TP53-T102I-KIYQGSGYGF	3917	3436
>TP53-T102I-KTYQGSGYGF	192	>TP53-T102I-KIYQGSGYGF	2083	1891
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>TP53-T102I-KTYQGSGYFR	96	>TP53-T102I-KIYQGSGYFR	498	402
>TP53-T102I-KTYQGSGYGF	325	>TP53-T102I-KIYQGSGYGF	659	334
>TP53-T102I-KTYQGSGYFR	10	>TP53-T102I-KIYQGSGYFR	8	2
>TP53-T102I-KTYQGSGYGF	4	>TP53-T102I-KIYQGSGYGF	5	1
>TP53-T102I-KTYQGSGYFR	21	>TP53-T102I-KIYQGSGYFR	48	27
>TP53-T102I-KTYQGSGYFR	407	>TP53-T102I-KIYQGSGYFR	293	114
>TP53-T102I-KTYQGSGYFR	57	>TP53-T102I-KIYQGSGYFR	190	133
>TP53-T102I-KTYQGSGYFR	402	>TP53-T102I-KIYQGSGYFR	1758	1356
>TP53-T102I-KTYQGSGYGF	55	>TP53-T102I-KIYQGSGYGF	47	8
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>TP53-T102I-KTYQGSGYGF	36	>TP53-T102I-KIYQGSGYGF	75	39
>TP53-T102I-KTYQGSGY	249	>TP53-T102I-KIYQGSGY	13325	13076
>TP53-T102I-KTYQGSGYGF	2	>TP53-T102I-KIYQGSGYGF	6	4
>TP53-T102I-KTYQGSGYFR	465	>TP53-T102I-KIYQGSGYFR	15882	15417
>TP53-T102I-KTYQGSGYFR	3	>TP53-T102I-KIYQGSGYFR	15	12
>TP53-T102I-KTYQGSGYGF	101	>TP53-T102I-KIYQGSGYGF	2190	2089
>TP53-T102I-KTYQGSGYFR	439	>TP53-T102I-KIYQGSGYFR	8850	8411
>TP53-T102I-KTYQGSGYGF	15	>TP53-T102I-KIYQGSGYGF	63	48
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>TP53-T102I-KTYQGSGYFR	151	>TP53-T102I-KIYQGSGYFR	10393	10242
>TP53-T102I-KTYQGSGYGF	25	>TP53-T102I-KIYQGSGYGF	1154	1129
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>TP53-T102I-KTYQGSGYFR	25	>TP53-T102I-KIYQGSGYFR	16	9
>TP53-T102I-KTYQGSGYFR	43	>TP53-T102I-KIYQGSGYFR	2638	2595
>TP53-T102I-PLSSSVPSQK	8318	>TP53-T102I-PLSSSVPSQKI	411	7907
>TP53-T102I-PLSSSVPSQK	1650	>TP53-T102I-PLSSSVPSQKI	147	1503
>TP53-T102I-QKTYQGSY	308	>TP53-T102I-QKIYQGSY	308	0
>TP53-T102I-QKTYQGSYGI	814	>TP53-T102I-QKIYQGSYGF	480	334
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>TP53-T102I-SQKTYQGSY	15	>TP53-T102I-SQKIYQGSY	14	1
>TP53-T102I-SQKTYQGSY	38	>TP53-T102I-SQKIYQGSY	44	6
>TP53-T102I-SQKTYQGSYC	36	>TP53-T102I-SQKIYQGSYG	39	3
>TP53-T102I-SQKTYQGSY	198	>TP53-T102I-SQKIYQGSY	228	30
>TP53-T102I-SQKTYQGSYC	268	>TP53-T102I-SQKIYQGSYG	298	30
>TP53-T102I-SQKTYQGSY	19	>TP53-T102I-SQKIYQGSY	53	34



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>TP53-T102I-PSQKTYQGSY	71	>TP53-T102I-PSQKIYQGSY	86	15
>TP53-T102I-PSQKTYQGSY	228	>TP53-T102I-PSQKIYQGSY	225	3
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>TP53-T102I-VPSQKTYQGS	15	>TP53-T102I-VPSQKIYQGS	16	1
>TP53-T102I-SVPSQKTY	183	>TP53-T102I-SVPSQKIY	243	60
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>TP53-T102I-SSVPSQKTY	122	>TP53-T102I-SSVPSQKIY	168	46
>TP53-T102I-SSVPSQKTY	146	>TP53-T102I-SSVPSQKIY	156	10
>TP53-T102I-SSVPSQKTY	227	>TP53-T102I-SSVPSQKIY	707	480
>TP53-T102I-SSVPSQKTY	40	>TP53-T102I-SSVPSQKIY	38	2
>TP53-T102I-SSVPSQKT	742	>TP53-T102I-SSVPSQKI	15	727
>TP53-T102I-SSVPSQKTY	2	>TP53-T102I-SSVPSQKIY	3	1
>TP53-T102I-SSVPSQKTY	119	>TP53-T102I-SSVPSQKIY	323	204
>TP53-T102I-SSVPSQKTY	195	>TP53-T102I-SSVPSQKIY	265	70
>TP53-T102I-SSVPSQKTY	23	>TP53-T102I-SSVPSQKIY	27	4
>TP53-T102I-SSVPSQKTY	188	>TP53-T102I-SSVPSQKIY	1923	1735
>TP53-T102I-SSVPSQKT	24527	>TP53-T102I-SSVPSQKI	20	24507
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>TP53-T102I-SSSVPSQKT	4564	>TP53-T102I-SSSVPSQKI	85	4479
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>TP53-T102I-SSSVPSQKT	4388	>TP53-T102I-SSSVPSQKI	476	3912
>TP53-T102I-SSSVPSQKTY	27	>TP53-T102I-SSSVPSQKIY	24	3
>TP53-T102I-SSSVPSQKTY	457	>TP53-T102I-SSSVPSQKIY	2556	2099
>TP53-T102I-SSSVPSQKT	25963	>TP53-T102I-SSSVPSQKI	22	25941
>TP53-T102I-LSSSVPSQKTY	164	>TP53-T102I-LSSSVPSQKIY	163	1
>TP53-T102I-LSSSVPSQKTY	450	>TP53-T102I-LSSSVPSQKIY	757	307
>TP53-T102I-LSSSVPSQKTY	50	>TP53-T102I-LSSSVPSQKIY	53	3
>TP53-T102I-LSSSVPSQKTY	149	>TP53-T102I-LSSSVPSQKIY	340	191
>TP53-T102I-LSSSVPSQKTY	32	>TP53-T102I-LSSSVPSQKIY	42	10
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>TP53-T102I-LSSSVPSQKTY	32	>TP53-T102I-LSSSVPSQKIY	36	4
>TP53-T102I-LSSSVPSQKT	971	>TP53-T102I-LSSSVPSQKI	106	865
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>TP53-T118A TAKSVTCTY	1756	>TP53-T118A AAKSVTCTY	212	1544
>TP53-T118A TAKSVTCTY	312	>TP53-T118A AAKSVTCTY	199	113
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>TP53-T118A TAKSVTCTY	78	>TP53-T118A AAKSVTCTY	51	27
>TP53-T118A TAKSVTCTY	430	>TP53-T118A AAKSVTCTY	99	331
>TP53-T118A TAKSVTCTY	265	>TP53-T118A AAKSVTCTY	34	231
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>TP53-T118A TAKSVTCTY	336	>TP53-T118A AAKSVTCTY	256	80
>TP53-T118A TAKSVTCTY	1427	>TP53-T118A AAKSVTCTY	414	1013
>TP53-T118A GTAKSVTCTY	466	>TP53-T118A GAAKSVTCTY	2602	2136
>TP53-T118A GTAKSVTCTY	122	>TP53-T118A GAAKSVTCTY	400	278
>TP53-T118A GTAKSVTCTY	69	>TP53-T118A GAAKSVTCTY	250	181
>TP53-T118A GTAKSVTCTY	71	>TP53-T118A GAAKSVTCTY	97	26
>TP53-T118A GTAKSVTCTY	461	>TP53-T118A GAAKSVTCTY	271	190
>TP53-T118A GTAKSVTCTY	8	>TP53-T118A GAAKSVTCTY	50	42
>TP53-T118A GTAKSVTCTY	296	>TP53-T118A GAAKSVTCTY	408	112
>TP53-T118A GTAKSVTCTY	39	>TP53-T118A GAAKSVTCTY	1458	1419
>TP53-T118A GTAKSVTCTY	143	>TP53-T118A GAAKSVTCTY	130	13
>TP53-T118A GFRLGFLHSG	4197	>TP53-T118A GFRLGFLHSG	227	3970
>TP53-T118A SGTAKSVTCT	624	>TP53-T118A SGAAKSVTCT	278	346
>TP53-T118A SGTAKSVTCT	1509	>TP53-T118A SGAAKSVTCT	154	1355
>TP53-T118A SGTAKSVTCT	585	>TP53-T118A SGAAKSVTCT	310	275
>TP53-T118A SGTAKSVTCT	374	>TP53-T118A SGAAKSVTCT	105	269
>TP53-T118A FLHSGTAKSV	122	>TP53-T118A FLHSGAAKSV	131	9
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>TP53-T118A FLHSGTAKSV	11	>TP53-T118A FLHSGAAKSV	14	3
>TP53-T118A FLHSGTAKSV	27	>TP53-T118A FLHSGAAKSV	39	12
>TP53-T118A FLHSGTAKS	188	>TP53-T118A FLHSGAAKS	314	126
>TP53-T118A FLHSGTAKSV	2	>TP53-T118A FLHSGAAKSV	2	0
>TP53-T118A FLHSGTAKSV	116	>TP53-T118A FLHSGAAKSV	123	7
>TP53-T118A FLHSGTAKSV	5	>TP53-T118A FLHSGAAKSV	6	1
>TP53-T118A FLHSGTAKSV	7	>TP53-T118A FLHSGAAKSV	8	1
>TP53-T118A FLHSGTAKSV	7	>TP53-T118A FLHSGAAKSV	8	1
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>TP53-T118A FLHSGTAKSV	2	>TP53-T118A FLHSGAAKSV	2	0
>TP53-T118A FLHSGTAKSV	13	>TP53-T118A FLHSGAAKSV	13	0
>TP53-T118A FLHSGTAK	114	>TP53-T118A FLHSGAAK	141	27
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>TP53-T118A GFLHSGTAK	1580	>TP53-T118A GFLHSGAAK	212	1368
>TP53-T118A RLGFLHSGT	1194	>TP53-T118A RLGFLHSGA	99	1095
>TP53-T118A RLGFLHSGTA	326	>TP53-T118A RLGFLHSGAA	420	94
>TP53-T118A RLGFLHSGT	719	>TP53-T118A RLGFLHSGA	78	641
>TP53-T118A RLGFLHSGTA	162	>TP53-T118A RLGFLHSGAA	229	67
>TP53-T118A RLGFLHSGT	2002	>TP53-T118A RLGFLHSGA	154	1848
>TP53-T118A RLGFLHSGTA	43	>TP53-T118A RLGFLHSGAA	44	1
>TP53-T118A RLGFLHSGTA	125	>TP53-T118A RLGFLHSGAA	114	11
>TP53-T118A RLGFLHSGTA	384	>TP53-T118A RLGFLHSGAA	102	282
>TP53-T118A RLGFLHSGTA	262	>TP53-T118A RLGFLHSGAA	190	72
>TP53-T118A FRLGFLHSGT	716	>TP53-T118A FRLGFLHSGA	203	513
>TP53-T118A FRLGFLHSGT	412	>TP53-T118A FRLGFLHSGA	279	133
>TP53-T118A FRLGFLHSGT	174	>TP53-T118A FRLGFLHSGA	189	15
>TP53-T118I TAKSVTCTY	312	>TP53-T118I IAKSVTCTY	133	179
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>TP53-T118I TAKSVTCTY	78	>TP53-T118I IAKSVTCTY	57	21
>TP53-T118I TAKSVTCTY	430	>TP53-T118I IAKSVTCTY	60	370
>TP53-T118I TAKSVTCTY	265	>TP53-T118I IAKSVTCTY	34	231
>TP53-T118I TAKSVTCTY	100	>TP53-T118I IAKSVTCTY	80	20
>TP53-T118I TAKSVTCTY	746	>TP53-T118I IAKSVTCTY	187	559
>TP53-T118I TAKSVTCTY	2180	>TP53-T118I IAKSVTCTY	274	1906
>TP53-T118I TAKSVTCTY	336	>TP53-T118I IAKSVTCTY	94	242
>TP53-T118I GTAKSVTCTY	466	>TP53-T118I GIAKSVTCTY	1453	987
>TP53-T118I GTAKSVTCTY	122	>TP53-T118I GIAKSVTCTY	325	203
>TP53-T118I GTAKSVTCTY	69	>TP53-T118I GIAKSVTCTY	312	243
>TP53-T118I GTAKSVTCTY	71	>TP53-T118I GIAKSVTCTY	68	3
>TP53-T118I GTAKSVTCTY	461	>TP53-T118I GIAKSVTCTY	942	481
>TP53-T118I GTAKSVTCTY	8	>TP53-T118I GIAKSVTCTY	1180	1172
>TP53-T118I GTAKSVTCTY	296	>TP53-T118I GIAKSVTCTY	4413	4117
>TP53-T118I GTAKSVTCTY	39	>TP53-T118I GIAKSVTCTY	1020	981
>TP53-T118I GTAKSVTCTY	143	>TP53-T118I GIAKSVTCTY	65	78
>TP53-T118I GFRLGFLHSG	4197	>TP53-T118I GFRLGFLHSG	251	3946
>TP53-T118I SGTAKSVTCT	1509	>TP53-T118I SGIKSVTCTY	116	1393
>TP53-T118I SGTAKSVTCT	1319	>TP53-T118I SGIKSVTCTY	257	1062
>TP53-T118I SGTAKSVTCT	585	>TP53-T118I SGIKSVTCTY	414	171
>TP53-T118I SGTAKSVTCT	374	>TP53-T118I SGIKSVTCTY	131	243
>TP53-T118I FLHSGTAKSV	122	>TP53-T118I FLHSGIAKSV	76	46
>TP53-T118I FLHSGTAKS	179	>TP53-T118I FLHSGIAKS	118	61
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>TP53-T118I FLHSGTAKSV	413	>TP53-T118I FLHSGIAKSVI	343	70
>TP53-T118I FLHSGTAKS	26	>TP53-T118I FLHSGIAKS	18	8

>TP53-T118I·FLHSGTAKSV	11	>TP53-T118I·FLHSGIAKSV	10	1
>TP53-T118I·FLHSGTAKSV	27	>TP53-T118I·FLHSGIAKSVI	28	1
>TP53-T118I·FLHSGTAKSV	504	>TP53-T118I·FLHSGIAKSV	463	41
>TP53-T118I·FLHSGTAK	1218	>TP53-T118I·FLHSGIAK	397	821
>TP53-T118I·FLHSGTAKS	188	>TP53-T118I·FLHSGIAKS	34	154
>TP53-T118I·FLHSGTAKSV	2	>TP53-T118I·FLHSGIAKSV	2	0
>TP53-T118I·FLHSGTAKSV	116	>TP53-T118I·FLHSGIAKSVI	55	61
>TP53-T118I·FLHSGTAKSV	5	>TP53-T118I·FLHSGIAKSV	5	0
>TP53-T118I·FLHSGTAKSV	7	>TP53-T118I·FLHSGIAKSV	7	0
>TP53-T118I·FLHSGTAKSV	7	>TP53-T118I·FLHSGIAKSV	6	1
>TP53-T118I·FLHSGTAK	124	>TP53-T118I·FLHSGIAK	101	23
>TP53-T118I·FLHSGTAKS	31	>TP53-T118I·FLHSGIAKS	12	19
>TP53-T118I·FLHSGTAKSV	2	>TP53-T118I·FLHSGIAKSV	1	1
>TP53-T118I·FLHSGTAKSV	13	>TP53-T118I·FLHSGIAKSVI	10	3
>TP53-T118I·FLHSGTAK	114	>TP53-T118I·FLHSGIAK	100	14
>TP53-T118I·FLHSGTAK	1030	>TP53-T118I·FLHSGIAK	456	574
>TP53-T118I·FLHSGTAK	256	>TP53-T118I·FLHSGIAK	322	66
>TP53-T118I·FLHSGTAKSV	283	>TP53-T118I·FLHSGIAKSV	618	335
>TP53-T118I·FLHSGTAKSV	261	>TP53-T118I·FLHSGIAKSV	469	208
>TP53-T118I·GFLHSGTAK	1580	>TP53-T118I·GFLHSGIAK	134	1446
>TP53-T118I·LGFLHSGT	4970	>TP53-T118I·LGFLHSGI	499	4471
>TP53-T118I·LGFLHSGT	32615	>TP53-T118I·LGFLHSGI	112	32503
>TP53-T118I·RLGFLHSGT	3725	>TP53-T118I·RLGFLHSGI	328	3397
>TP53-T118I·RLGFLHSGT	1194	>TP53-T118I·RLGFLHSGI	77	1117
>TP53-T118I·RLGFLHSGTA	326	>TP53-T118I·RLGFLHSGIA	922	596
>TP53-T118I·RLGFLHSGT	719	>TP53-T118I·RLGFLHSGI	19	700
>TP53-T118I·RLGFLHSGTA	162	>TP53-T118I·RLGFLHSGIA	1267	1105
>TP53-T118I·RLGFLHSGT	6695	>TP53-T118I·RLGFLHSGI	257	6438
>TP53-T118I·RLGFLHSGT	5187	>TP53-T118I·RLGFLHSGI	384	4803
>TP53-T118I·RLGFLHSGT	2002	>TP53-T118I·RLGFLHSGI	140	1862
>TP53-T118I·RLGFLHSGTA	43	>TP53-T118I·RLGFLHSGIAI	41	2
>TP53-T118I·RLGFLHSGTA	125	>TP53-T118I·RLGFLHSGIAI	59	66
>TP53-T118I·RLGFLHSGTA	384	>TP53-T118I·RLGFLHSGIAI	77	307
>TP53-T118I·RLGFLHSGTA	262	>TP53-T118I·RLGFLHSGIAI	358	96
>TP53-T118I·RLGFLHSGT	9121	>TP53-T118I·RLGFLHSGI	82	9039
>TP53-T118I·FRLGFLHSGT	716	>TP53-T118I·FRLGFLHSGI	153	563
>TP53-T118I·FRLGFLHSGT	412	>TP53-T118I·FRLGFLHSGI	83	329
>TP53-T118I·FRLGFLHSGT,	174	>TP53-T118I·FRLGFLHSGIA/	276	102
>TP53-T118I·FRLGFLHSGT	5229	>TP53-T118I·FRLGFLHSGI	322	4907
>TP53-T118I·FRLGFLHSGT	1498	>TP53-T118I·FRLGFLHSGI	468	1030
>TP53-T118RTAKSVTCTY	1756	>TP53-T118RRAKSVTCTY	25	1731
>TP53-T118RTAKSVTCTYS	4646	>TP53-T118RRAKSVTCTYS	123	4523
>TP53-T118RTAKSVTCTYSI	7526	>TP53-T118RRAKSVTCTYSI	305	7221

>TP53-T118RTAKSVTCTY	312	>TP53-T118RRAKSVTCTY	155	157
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>TP53-T118RTAKSVTCTY	78	>TP53-T118RRAKSVTCTY	43	35
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>TP53-T118RTAKSVTCTY	265	>TP53-T118RRAKSVTCTY	14	251
>TP53-T118RTAKSVTCTY	100	>TP53-T118RRAKSVTCTY	346	246
>TP53-T118RTAKSVTCTY	746	>TP53-T118RRAKSVTCTY	119	627
>TP53-T118RTAKSVTCTY	2180	>TP53-T118RRAKSVTCTY	54	2126
>TP53-T118RTAKSVTCTY	336	>TP53-T118RRAKSVTCTY	84	252
>TP53-T118RTAKSVTCTY	1427	>TP53-T118RRAKSVTCTY	409	1018
>TP53-T118RGTAKSVTCTY	466	>TP53-T118RGRAKSVTCTY	21315	20849
>TP53-T118RGTAKSVTCTY	122	>TP53-T118RGRAKSVTCTY	1045	923
>TP53-T118RGTAKSVTCTY	69	>TP53-T118RGRAKSVTCTY	1321	1252
>TP53-T118RGTAKSVTCTY	71	>TP53-T118RGRAKSVTCTY	4539	4468
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>TP53-T118RGTAKSVTCTY	8	>TP53-T118RGRAKSVTCTY	20837	20829
>TP53-T118RGTAKSVTCTY	25797	>TP53-T118RGRAKSVTCTY	112	25685
>TP53-T118RGTAKSVTCTY	296	>TP53-T118RGRAKSVTCTY	20220	19924
>TP53-T118RGTAKSVTCTY	39	>TP53-T118RGRAKSVTCTY	8044	8005
>TP53-T118RGTAKSVTCTY	143	>TP53-T118RGRAKSVTCTY	1302	1159
>TP53-T118RGFRLGFLHSG	19509	>TP53-T118RGFRLGFLHSG	30	19479
>TP53-T118RGFRLGFLHSG	28030	>TP53-T118RGFRLGFLHSG	97	27933
>TP53-T118RSGTAKSVTCT	12383	>TP53-T118RSGRAKSVTCT	215	12168
>TP53-T118RSGTAKSVTCT	1509	>TP53-T118RSGRAKSVTCT	110	1399
>TP53-T118RSGTAKSVTCT	1319	>TP53-T118RSGRAKSVTCT	186	1133
>TP53-T118RSGTAKSVTCT	917	>TP53-T118RSGRAKSVTCT	302	615
>TP53-T118RSGTAKSVTCT	374	>TP53-T118RSGRAKSVTCT	1064	690
>TP53-T118RFLHSGTAKSV	122	>TP53-T118RFLHSGRAKSV	336	214
>TP53-T118RFLHSGTAKS	179	>TP53-T118RFLHSGRAKS	2489	2310
>TP53-T118RFLHSGTAKSV	13	>TP53-T118RFLHSGRAKSV	25	12
>TP53-T118RFLHSGTAKSV	413	>TP53-T118RFLHSGRAKSV	1817	1404
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>TP53-T118RFLHSGTAKSV	11	>TP53-T118RFLHSGRAKSV	19	8
>TP53-T118RFLHSGTAKSV	27	>TP53-T118RFLHSGRAKSV	84	57
>TP53-T118RFLHSGTAKS	188	>TP53-T118RFLHSGRAKS	2354	2166
>TP53-T118RFLHSGTAKSV	2	>TP53-T118RFLHSGRAKSV	3	1
>TP53-T118RFLHSGTAKSV	116	>TP53-T118RFLHSGRAKSV	414	298
>TP53-T118RFLHSGTAKSV	5	>TP53-T118RFLHSGRAKSV	18	13
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>TP53-T118RFLHSGTAKS	31	>TP53-T118RFLHSGRAKS	58	27
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>TP53-T118R FLHSGTAKSV	13	>TP53-T118R FLHSGRAKSV	15	2
>TP53-T118R FLHSGTAK	114	>TP53-T118R FLHSGRAK	240	126
>TP53-T118R FLHSGTAK	256	>TP53-T118R FLHSGRAK	751	495
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>TP53-T118R FLHSGTAKSV	261	>TP53-T118R FLHSGRAKSV	489	228
>TP53-T118R LGFLHSGT	22913	>TP53-T118R LGFLHSGR	426	22487
>TP53-T118R LGFLHSGT	35407	>TP53-T118R LGFLHSGR	362	35045
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>TP53-T118R RLGFLHSGTA	326	>TP53-T118R RLGFLHSGRA	1289	963
>TP53-T118R RLGFLHSGTA	162	>TP53-T118R RLGFLHSGRA	307	145
>TP53-T118R RLGFLHSGT	17465	>TP53-T118R RLGFLHSGR	427	17038
>TP53-T118R RLGFLHSGTA	43	>TP53-T118R RLGFLHSGRA	57	14
>TP53-T118R RLGFLHSGTA	125	>TP53-T118R RLGFLHSGRA	320	195
>TP53-T118R RLGFLHSGTA	384	>TP53-T118R RLGFLHSGRA	179	205
>TP53-T118R RLGFLHSGT	14752	>TP53-T118R RLGFLHSGR	19	14733
>TP53-T118R RLGFLHSGTA	262	>TP53-T118R RLGFLHSGRA	601	339
>TP53-T118R RLGFLHSGT	27040	>TP53-T118R RLGFLHSGR	103	26937
>TP53-T118R FRLGFLHSGT	16399	>TP53-T118R FRLGFLHSGR	84	16315
>TP53-T118R FRLGFLHSGT	16838	>TP53-T118R FRLGFLHSGR	186	16652
>TP53-T118R FRLGFLHSGT	412	>TP53-T118R FRLGFLHSGR	73	339
>TP53-T118R FRLGFLHSGT	174	>TP53-T118R FRLGFLHSGR	173	1
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>TP53-T123I- TCTYSPALNK	453	>TP53-T123I- ICTYSPALNK	117	336
>TP53-T123I- VTCTYSPA	415	>TP53-T123I- VICTYSPA	283	132
>TP53-T123I- VTCTYSPAL	2470	>TP53-T123I- VICTYSPAL	385	2085
>TP53-T123I- VTCTYSPA	1658	>TP53-T123I- VICTYSPA	259	1399
>TP53-T123I- VTCTYSPAL	397	>TP53-T123I- VICTYSPAL	107	290
>TP53-T123I- VTCTYSPAL	766	>TP53-T123I- VICTYSPAL	132	634
>TP53-T123I- VTCTYSPAL	6296	>TP53-T123I- VICTYSPAL	203	6093
>TP53-T123I- VTCTYSPALN	80	>TP53-T123I- VICTYSPALNK	66	14
>TP53-T123I- VTCTYSPALN	14	>TP53-T123I- VICTYSPALNK	22	8
>TP53-T123I- VTCTYSPALN	146	>TP53-T123I- VICTYSPALNK	665	519
>TP53-T123I- VTCTYSPALN	490	>TP53-T123I- VICTYSPALNK	2112	1622
>TP53-T123I- VTCTYSPAL	12	>TP53-T123I- VICTYSPAL	4024	4012
>TP53-T123I- VTCTYSPAL	66	>TP53-T123I- VICTYSPAL	7103	7037
>TP53-T123I- FLHSGTAKSV	1619	>TP53-T123I- FLHSGTAKSV	127	1492
>TP53-T123I- FLHSGTAKSV	413	>TP53-T123I- FLHSGTAKSV	25	388
>TP53-T123I- FLHSGTAKSV	27	>TP53-T123I- FLHSGTAKSV	5	22
>TP53-T123I- FLHSGTAKSV	2478	>TP53-T123I- FLHSGTAKSV	312	2166
>TP53-T123I- FLHSGTAKSV	116	>TP53-T123I- FLHSGTAKSV	6	110
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>TP53-T123I- FLHSGTAKSV	920	>TP53-T123I- FLHSGTAKSV	41	879
>TP53-T123I- FLHSGTAKSV	3383	>TP53-T123I- FLHSGTAKSV	143	3240

>TP53-T123I-FLHSGTAKSV	13	>TP53-T123I-FLHSGTAKSV	4	9
>TP53-T123I-FLHSGTAKSV	1707	>TP53-T123I-FLHSGTAKSV	314	1393
>TP53-T123I-FLHSGTAKSV	7323	>TP53-T123I-FLHSGTAKSV	284	7039
>TP53-T123I-SVTCTYSPAL	874	>TP53-T123I-SVICTYSPAL	293	581
>TP53-T123I-SVTCTYSPA	118	>TP53-T123I-SVICTYSPA	23	95
>TP53-T123I-SVTCTYSPA	468	>TP53-T123I-SVICTYSPA	101	367
>TP53-T123I-SVTCTYSPAL	268	>TP53-T123I-SVICTYSPAL	70	198
>TP53-T123I-SVTCTYSPAL	923	>TP53-T123I-SVICTYSPAL	334	589
>TP53-T123I-SVTCTYSPAL	877	>TP53-T123I-SVICTYSPAL	165	712
>TP53-T123I-SVTCTYSPAL	1465	>TP53-T123I-SVICTYSPAL	36	1429
>TP53-T123I-SVTCTYSPA	241	>TP53-T123I-SVICTYSPA	168	73
>TP53-T123I-SVTCTYSPA	45	>TP53-T123I-SVICTYSPA	23	22
>TP53-T123I-SVTCTYSPA	583	>TP53-T123I-SVICTYSPA	133	450
>TP53-T123I-SVTCTYSPAL	149	>TP53-T123I-SVICTYSPAL	35	114
>TP53-T123I-SVTCTYSPAL	4988	>TP53-T123I-SVICTYSPAL	372	4616
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>TP53-T123I-KSVTCTYSPAI	396	>TP53-T123I-KSVICTYSPAL	531	135
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>TP53-T123I-KSVTCTYSPAI	107	>TP53-T123I-KSVICTYSPAL	198	91
>TP53-T123I-KSVTCTYSPA	349	>TP53-T123I-KSVICTYSPA	822	473
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>TP53-T123I-KSVTCTYSPA	1612	>TP53-T123I-KSVICTYSPA	462	1150
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>TP53-T123I-KSVTCTYSPAI	198	>TP53-T123I-KSVICTYSPAL	192	6
>TP53-T123I-AKSVTCTY	8	>TP53-T123I-AKSVICTY	14	6
>TP53-T123I-AKSVTCTYSP	483	>TP53-T123I-AKSVICTYSP	1200	717
>TP53-T123I-AKSVTCTYSP,	56	>TP53-T123I-AKSVICTYSPA	119	63
>TP53-T123I-TAKSVTCTY	312	>TP53-T123I-TAKSVICTY	374	62
>TP53-T123I-TAKSVTCTY	247	>TP53-T123I-TAKSVICTY	348	101
>TP53-T123I-TAKSVTCTY	78	>TP53-T123I-TAKSVICTY	99	21
>TP53-T123I-TAKSVTCTY	430	>TP53-T123I-TAKSVICTY	473	43
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>TP53-T123I-TAKSVTCTY	336	>TP53-T123I-TAKSVICTY	331	5
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>TP53-T123I-GTAKSVTCTY	521	>TP53-T123I-GTAKSVICTY	234	287
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>TP53-T123I-GTAKSVTCTY	69	>TP53-T123I-GTAKSVICTY	73	4
>TP53-T123I-GTAKSVTCTY	71	>TP53-T123I-GTAKSVICTY	99	28
>TP53-T123I-GTAKSVTCTY	461	>TP53-T123I-GTAKSVICTY	611	150

>TP53-T123I-GTAKSVTCTY	8	>TP53-T123I-GTAKSVICTY	9	1
>TP53-T123I-GTAKSVTCTY	296	>TP53-T123I-GTAKSVICTY	402	106
>TP53-T123I-GTAKSVTCTY	39	>TP53-T123I-GTAKSVICTY	48	9
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>TP53-T123I-SGTAKSVTCT	374	>TP53-T123I-SGTAKSVICTY	534	160
>TP53-T123I-HSGTAKSVT	4291	>TP53-T123I-HSGTAKSVI	478	3813
>TP53-T123I-HSGTAKSVT	30619	>TP53-T123I-HSGTAKSVI	49	30570
>TP53-T123I-LHSGTAKSVT	7321	>TP53-T123I-LHSGTAKSVI	255	7066
>TP53-T125A TYSPALNKM	136	>TP53-T125A AYSPALNKM	266	130
>TP53-T125A TYSPALNK	220	>TP53-T125A AYSPALNK	257	37
>TP53-T125A TYSPALNKMF	179	>TP53-T125A AYSPALNKMI	278	99
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>TP53-T125A TYSPALNK	1692	>TP53-T125A AYSPALNK	364	1328
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>TP53-T125A CTYSPALNKM	343	>TP53-T125A CAYSPALNKM	1250	907
>TP53-T125A CTYSPALNKM	63	>TP53-T125A CAYSPALNKM	2447	2384
>TP53-T125A CTYSPALNKM	380	>TP53-T125A CAYSPALNKM	12094	11714
>TP53-T125A CTYSPALNKM	246	>TP53-T125A CAYSPALNKM	5048	4802
>TP53-T125A CTYSPALNK	215	>TP53-T125A CAYSPALNK	1180	965
>TP53-T125A CTYSPALNK	30	>TP53-T125A CAYSPALNK	100	70
>TP53-T125A CTYSPALNKM	488	>TP53-T125A CAYSPALNKM	2835	2347
>TP53-T125A CTYSPALNKM	610	>TP53-T125A CAYSPALNKM	335	275
>TP53-T125A CTYSPALNKM	23	>TP53-T125A CAYSPALNKM	17	6
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>TP53-T125A CTYSPALNKM	76	>TP53-T125A CAYSPALNKM	1036	960
>TP53-T125A CTYSPALNKM	146	>TP53-T125A CAYSPALNKM	1621	1475
>TP53-T125A CTYSPALNKM	30	>TP53-T125A CAYSPALNKM	676	646
>TP53-T125A CTYSPALNKM	13	>TP53-T125A CAYSPALNKM	205	192
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>TP53-T125A VTCTYSPALN	146	>TP53-T125A VTCAYSPALN	111	35
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>TP53-T125A SVTCTYSPA	468	>TP53-T125A SVTCAYSPA	265	203
>TP53-T125A SVTCTYSPAL	268	>TP53-T125A SVTCAYSPAL	468	200
>TP53-T125A SVTCTYSPA	241	>TP53-T125A SVTCAYSPA	233	8
>TP53-T125A SVTCTYSPA	45	>TP53-T125A SVTCAYSPA	18	27
>TP53-T125A SVTCTYSPA	583	>TP53-T125A SVTCAYSPA	481	102
>TP53-T125A SVTCTYSPAL	149	>TP53-T125A SVTCAYSPAL	109	40
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>TP53-T125A KSVTCTYSPA	149	>TP53-T125A KSVTCAYSPA	244	95
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>TP53-T125A AKSVTCTYSP	56	>TP53-T125A AKSVTCAYSP	81	25
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>TP53-T125A TAKSVTCTY	78	>TP53-T125A TAKSVTCAY	64	14
>TP53-T125A TAKSVTCTY	430	>TP53-T125A TAKSVTCAY	240	190
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>TP53-T125A GTAKSVTCTY	122	>TP53-T125A GTAKSVTCAY	59	63
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>TP53-T125A GTAKSVTCTY	8	>TP53-T125A GTAKSVTCAY	19	11
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>TP53-T125A GTAKSVTCTY	39	>TP53-T125A GTAKSVTCAY	74	35
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>TP53-T125K TYSPALNKM	27	>TP53-T125K KYSPALNKM	19	8
>TP53-T125K TYSPALNKMF	5	>TP53-T125K KYSPALNKMF	4	1
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>TP53-T125K CTYSPALNKM	343	>TP53-T125K CKYSPALNKM	6562	6219
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>TP53-T125K CTYSPALNKM	23	>TP53-T125K CKYSPALNKM	3	20
>TP53-T125K CTYSPALNKM	24	>TP53-T125K CKYSPALNKM	19563	19539
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>TP53-T125K VTCTYSPA	415	>TP53-T125K VTCKYSPA	598	183
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>TP53-T125K KSVTCTYSPA	396	>TP53-T125K KSVTCKYSPA	1042	646
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>TP53-T125K TAKSVTCTY	100	>TP53-T125K TAKSVTCKY	1126	1026
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>TP53-T125KGTAKSVTCTY	682	>TP53-T125KGTAKSVTCKY	340	342
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>TP53-T125KGTAKSVTCT	4907	>TP53-T125KGTAKSVTCK	97	4810
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>TP53-T125\TYSPALNKM	64	>TP53-T125\MYSPALNKM	48	16
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>TP53-T125\TYSPALNKM	551	>TP53-T125\MYSPALNKM	143	408
>TP53-T125\TYSPALNKM	586	>TP53-T125\MYSPALNKM	450	136
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>TP53-T125\TYSPALNKM	1792	>TP53-T125\MYSPALNKM	267	1525
>TP53-T125\TYSPALNK	674	>TP53-T125\MYSPALNK	271	403
>TP53-T125\TYSPALNKM	1354	>TP53-T125\MYSPALNKM	301	1053
>TP53-T125\TYSPALNKM	439	>TP53-T125\MYSPALNKM	100	339
>TP53-T125\CTYSPALNKN	1314	>TP53-T125\CMYSPALNKI	425	889
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>TP53-T125\CTYSPALNKN	2550	>TP53-T125\CMYSPALNKI	213	2337
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>TP53-T125\CTYSPALNKN	343	>TP53-T125\CMYSPALNKI	127	216
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>TP53-T125\CTYSPALNKN	246	>TP53-T125\CMYSPALNKI	5174	4928
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>TP53-T125\CTYSPALNK	215	>TP53-T125\CMYSPALNK	1585	1370
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>TP53-T125\CTYSPALNKN	488	>TP53-T125\CMYSPALNKI	3354	2866
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>TP53-T125\CTYSPALNK	3428	>TP53-T125\CMYSPALNK	185	3243
>TP53-T125\CTYSPALNKN	610	>TP53-T125\CMYSPALNKI	27	583
>TP53-T125\CTYSPALNKN	23	>TP53-T125\CMYSPALNKI	3	20
>TP53-T125\CTYSPALNKN	24	>TP53-T125\CMYSPALNKI	1285	1261
>TP53-T125\CTYSPALNKN	5	>TP53-T125\CMYSPALNKI	125	120
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>TP53-T125\CTYSPALNKN	146	>TP53-T125\CMYSPALNKI	8796	8650
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>TP53-T125NCTYSPALNK	3222	>TP53-T125N CMYSPALNK	304	2918
>TP53-T125NCTYSPALNKM	358	>TP53-T125N CMYSPALNKI	6506	6148
>TP53-T125NTCTYSPALNK	1144	>TP53-T125N TCMYSPALN†	90	1054
>TP53-T125NTCTYSPALNK	807	>TP53-T125N TCMYSPALN†	107	700
>TP53-T125NTCTYSPAL	4667	>TP53-T125N TCMYSPAL	280	4387
>TP53-T125NTCTYSPALNK	453	>TP53-T125N TCMYSPALN†	309	144
>TP53-T125NVTCTYSPA	415	>TP53-T125N VTCMYSPA	268	147
>TP53-T125NVTCTYSPAL	397	>TP53-T125N VTCMYSPAL	324	73
>TP53-T125NVTCTYSPAL	766	>TP53-T125N VTCMYSPAL	485	281
>TP53-T125NVTCTYSPALN	80	>TP53-T125N VTCMYSPALN	102	22
>TP53-T125NVTCTYSPALN	14	>TP53-T125N VTCMYSPALN	14	0
>TP53-T125NVTCTYSPALN	146	>TP53-T125N VTCMYSPALN	137	9
>TP53-T125NVTCTYSPALN	490	>TP53-T125N VTCMYSPALN	426	64
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>TP53-T125NSVTCTYSPAL	268	>TP53-T125N SVTCMYSPAL	380	112
>TP53-T125NSVTCTYSPA	241	>TP53-T125N SVTCMYSPA	673	432
>TP53-T125NSVTCTYSPA	45	>TP53-T125N SVTCMYSPA	23	22
>TP53-T125NSVTCTYSPAL	149	>TP53-T125N SVTCMYSPAL	275	126
>TP53-T125N KSVTCTYSPA†	396	>TP53-T125N KSVTCMYSPA†	311	85
>TP53-T125N KSVTCTYSPA†	1648	>TP53-T125N KSVTCMYSPA†	425	1223
>TP53-T125N KSVTCTYSPA	149	>TP53-T125N KSVTCMYSPA†	273	124
>TP53-T125N KSVTCTYSPA†	488	>TP53-T125N KSVTCMYSPA†	618	130
>TP53-T125N KSVTCTYSPA†	107	>TP53-T125N KSVTCMYSPA†	299	192
>TP53-T125N KSVTCTYSPA	349	>TP53-T125N KSVTCMYSPA†	768	419
>TP53-T125N KSVTCTYSPA†	89	>TP53-T125N KSVTCMYSPA†	128	39
>TP53-T125N KSVTCTYSPA†	6	>TP53-T125N KSVTCMYSPA†	4	2
>TP53-T125N KSVTCTYSPA†	113	>TP53-T125N KSVTCMYSPA†	206	93
>TP53-T125N KSVTCTYSPA†	198	>TP53-T125N KSVTCMYSPA†	153	45
>TP53-T125NAKSVTCTY	8	>TP53-T125N AKSVTCMY	10	2
>TP53-T125NAKSVTCTYSP	483	>TP53-T125N AKSVTCMYSF	603	120
>TP53-T125NAKSVTCTYSP,	56	>TP53-T125N AKSVTCMYSF	75	19
>TP53-T125N TAKSVTCTY	312	>TP53-T125N TAKSVTCMY	344	32
>TP53-T125N TAKSVTCTY	247	>TP53-T125N TAKSVTCMY	188	59
>TP53-T125N TAKSVTCTY	78	>TP53-T125N TAKSVTCMY	149	71
>TP53-T125N TAKSVTCTY	430	>TP53-T125N TAKSVTCMY	592	162
>TP53-T125N TAKSVTCTY	265	>TP53-T125N TAKSVTCMY	814	549
>TP53-T125N TAKSVTCTY	100	>TP53-T125N TAKSVTCMY	752	652
>TP53-T125N TAKSVTCT	12157	>TP53-T125N TAKSVTCM	319	11838
>TP53-T125N TAKSVTCTY	336	>TP53-T125N TAKSVTCMY	233	103

>TP53-T125\GTAKSVTCTY	682	>TP53-T125\GTAKSVTCM'	274	408
>TP53-T125\GTAKSVTCTY	466	>TP53-T125\GTAKSVTCM'	488	22
>TP53-T125\GTAKSVTCT	24361	>TP53-T125\GTAKSVTCM'	397	23964
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>TP53-T125\GTAKSVTCTY	69	>TP53-T125\GTAKSVTCM'	39	30
>TP53-T125\GTAKSVTCTY	71	>TP53-T125\GTAKSVTCM'	118	47
>TP53-T125\GTAKSVTCTY	461	>TP53-T125\GTAKSVTCM'	710	249
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>TP53-T125\GTAKSVTCTY	8	>TP53-T125\GTAKSVTCM'	15	7
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>TP53-T125\GTAKSVTCTY	39	>TP53-T125\GTAKSVTCM'	31	8
>TP53-T125\GTAKSVTCTY	143	>TP53-T125\GTAKSVTCM'	967	824
>TP53-T125\SGTAKSVTCT	19654	>TP53-T125\SGTAKSVTCM'	299	19355
>TP53-T125\SGTAKSVTCT	374	>TP53-T125\SGTAKSVTCM'	1557	1183
>TP53-T125PTYSPALNKM	136	>TP53-T125PTYSPALNKM	4360	4224
>TP53-T125PTYSPALNK	220	>TP53-T125PTYSPALNK	9695	9475
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>TP53-T125PTYSPALNKMF	64	>TP53-T125PTYSPALNKMF	89	25
>TP53-T125PTYSPALNKM	27	>TP53-T125PTYSPALNKM	192	165
>TP53-T125PTYSPALNKMF	5	>TP53-T125PTYSPALNKMF	12	7
>TP53-T125PTYSPALNK	222	>TP53-T125PTYSPALNK	923	701
>TP53-T125PTYSPALNKMF	439	>TP53-T125PTYSPALNKMF	1576	1137
>TP53-T125PTYSPALNKN	18757	>TP53-T125PTYSPALNKN	54	18703
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>TP53-T125PTYSPALNKN	343	>TP53-T125PTYSPALNKN	6568	6225
>TP53-T125PTYSPALNKN	63	>TP53-T125PTYSPALNKN	4994	4931
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>TP53-T125P CTYSPALNKN	30	>TP53-T125P CPYSPALNKN	6144	6114
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>TP53-T140I-AKTCPVQLW	503	>TP53-T140I-AKICPVQLW\	133	370
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>TP53-T140I-KMFCQLAKT	61	>TP53-T140I-KMFCQLAKIC	229	168
>TP53-T140I-KMFCQLAKT	673	>TP53-T140I-KMFCQLAKI	24	649
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>TP53-T140I-KMFCQLAKT	3480	>TP53-T140I-KMFCQLAKI	121	3359
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>TP53-T140I-KMFCQLAKT	81	>TP53-T140I-KMFCQLAKIC	472	391
>TP53-T140I-KMFCQLAKT	1350	>TP53-T140I-KMFCQLAKI	38	1312
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>TP53-T140N-KTCPVQLWV	125	>TP53-T140N-KNCPVQLWV	7576	7451
>TP53-T140N-KTCPVQLWV	53	>TP53-T140N-KNCPVQLWV	3844	3791
>TP53-T140N-KTCPVQLWV	338	>TP53-T140N-KNCPVQLWV	11820	11482
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>TP53-T140N-KTCPVQLWV	224	>TP53-T140N-KNCPVQLWV	7303	7079
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>TP53-T140N-KTCPVQLW	4	>TP53-T140N-KNCPVQLW	819	815
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>TP53-T140N-KTCPVQLWV	272	>TP53-T140N-KNCPVQLWV	4776	4504
>TP53-T140N-AKTCPVQL	41	>TP53-T140N-AKNCPVQL	20	21
>TP53-T140N-AKTCPVQLW	192	>TP53-T140N-AKNCPVQLW	82	110
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>TP53-T140N-QLAKTCPV	58	>TP53-T140N-QLAKNCPV	88	30
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>TP53-T140N-QLAKTCPV	10	>TP53-T140N-QLAKNCPV	16	6
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>TP53-T140N-QLAKTCPV	37	>TP53-T140N-QLAKNCPV	79	42
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>TP53-T140M CQLAKTCPV	121	>TP53-T140M CQLAKNCPV	218	97
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>TP53-T140M CQLAKTCPV	136	>TP53-T140M CQLAKNCPV	269	133
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>TP53-T150I- TPPPGRVRA	482	>TP53-T150I- IPPPGTRVRA	287	195
>TP53-T150I- TPPPGRV	1601	>TP53-T150I- IPPPGTRV	298	1303
>TP53-T150I- TPPPGRVRA	32	>TP53-T150I- IPPPGTRVRA	17	15
>TP53-T150I- TPPPGRVRA	139	>TP53-T150I- IPPPGTRVRA	81	58
>TP53-T150I- TPPPGRV	273	>TP53-T150I- IPPPGTRV	186	87
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>TP53-T150I- STPPPGRV	1710	>TP53-T150I- SIPPPGRV	172	1538
>TP53-T150I- STPPPGRV	136	>TP53-T150I- SIPPPGRV	33	103
>TP53-T150I- STPPPGRV	743	>TP53-T150I- SIPPPGRV	162	581
>TP53-T150I- STPPPGRV	116	>TP53-T150I- SIPPPGRV	11	105
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>TP53-T150I-STPPPGTRVR	96	>TP53-T150I-SIPPPGTRVR	12127	12031
>TP53-T150I-STPPPGTRVR	54	>TP53-T150I-SIPPPGTRVR	10918	10864
>TP53-T150I-STPPPGTRV	259	>TP53-T150I-SIPPPGTRV	7681	7422
>TP53-T150I-STPPPGTRVR	1826	>TP53-T150I-SIPPPGTRVR	439	1387
>TP53-T150I-STPPPGTRV	311	>TP53-T150I-SIPPPGTRV	11609	11298
>TP53-T150I-DSTPPPGTR	203	>TP53-T150I-DSIPPPGTR	155	48
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>TP53-T150I-DSTPPPGTR	161	>TP53-T150I-DSIPPPGTR	100	61
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>TP53-T150I-DSTPPPGTRV	1466	>TP53-T150I-DSIPPPGTRV	367	1099
>TP53-T150I-WVDSTPPPG	489	>TP53-T150I-WVDSIPPPG	476	13
>TP53-T150I-LWVDSTPP	386	>TP53-T150I-LWVDSIPP	297	89
>TP53-T150I-LWVDSTPPP	467	>TP53-T150I-LWVDSIPPP	222	245
>TP53-T150I-LWVDSTPPPG	485	>TP53-T150I-LWVDSIPPPG	349	136
>TP53-T150I-VQLWVDST	120	>TP53-T150I-VQLWVDSI	17	103
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>TP53-T150I-VQLWVDST	835	>TP53-T150I-VQLWVDSI	38	797
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>TP53-T150I-VQLWVDST	27423	>TP53-T150I-VQLWVDSI	342	27081
>TP53-T150I-CPVQLWVDS	635	>TP53-T150I-CPVQLWVDS	444	191
>TP53-T150KTPPPGTRVRA	482	>TP53-T150KTPPPGTRVRA	3214	2732
>TP53-T150KTPPPGTRV	1601	>TP53-T150KTPPPGTRV	174	1427
>TP53-T150KTPPPGTRVRA	32	>TP53-T150KTPPPGTRVRA	16	16
>TP53-T150KTPPPGTRVRA	139	>TP53-T150KTPPPGTRVRA	646	507
>TP53-T150KTPPPGTRV	273	>TP53-T150KTPPPGTRV	711	438
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>TP53-T150KSTPPPGTRV	136	>TP53-T150KSKPPPGTRV	4525	4389
>TP53-T150KSTPPPGTRV	116	>TP53-T150KSKPPPGTRV	2882	2766
>TP53-T150KSTPPPGTR	352	>TP53-T150KSKPPPGTR	14570	14218
>TP53-T150KSTPPPGTRVR	129	>TP53-T150KSKPPPGTRVR	19304	19175
>TP53-T150KSTPPPGTRV	18	>TP53-T150KSKPPPGTRV	8992	8974
>TP53-T150KSTPPPGTRVR	82	>TP53-T150KSKPPPGTRVR	16378	16296
>TP53-T150KSTPPPGTRV	4	>TP53-T150KSKPPPGTRV	7838	7834
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>TP53-T150KSTPPPGTRVR	54	>TP53-T150KSKPPPGTRVR	28236	28182
>TP53-T150KSTPPPGTRV	259	>TP53-T150KSKPPPGTRV	16402	16143

>TP53-T150KSTPPPGTRV	311	>TP53-T150KSKPPPGTRV	13237	12926
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>TP53-T150KDSTPPPGTRV	372	>TP53-T150KDSKPPPGTRV	195	177
>TP53-T150KDSTPPPGTR	161	>TP53-T150KDSKPPPGTR	464	303
>TP53-T150KDSTPPPGTRV	208	>TP53-T150KDSKPPPGTRV	627	419
>TP53-T150KWVDSTPPPG	489	>TP53-T150KWVDSKPPPG	1433	944
>TP53-T150KLWVDSTPP	386	>TP53-T150KLWVDSKPP	378	8
>TP53-T150KLWVDSTPPP	467	>TP53-T150KLWVDSKPPP	400	67
>TP53-T150KLWVDSTPPPC	485	>TP53-T150KLWVDSKPPPC	472	13
>TP53-T150KVQLWVDST	120	>TP53-T150KVQLWVDSK	4132	4012
>TP53-T150KVQLWVDST	28349	>TP53-T150KVQLWVDSK	84	28265
>TP53-T150RTPPPGTRVRA	482	>TP53-T150RPPPGTRVRA	900	418
>TP53-T150RTPPPGTRV	1601	>TP53-T150RPPPGTRV	66	1535
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>TP53-T150RTPPPGTRV	273	>TP53-T150RPPPGTRV	1086	813
>TP53-T150RSTPPPGTRV	136	>TP53-T150SRPPPGTRV	8606	8470
>TP53-T150RSTPPPGTRV	116	>TP53-T150SRPPPGTRV	4354	4238
>TP53-T150RSTPPPGTR	352	>TP53-T150SRPPPGTR	17102	16750
>TP53-T150RSTPPPGTRVR	129	>TP53-T150SRPPPGTRVR	15162	15033
>TP53-T150RSTPPPGTRV	18	>TP53-T150SRPPPGTRV	10714	10696
>TP53-T150RSTPPPGTRVR	82	>TP53-T150SRPPPGTRVR	17769	17687
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>TP53-T150RSTPPPGTRVR	96	>TP53-T150SRPPPGTRVR	31141	31045
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>TP53-T150RSTPPPGTRV	259	>TP53-T150SRPPPGTRV	15867	15608
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>TP53-T150RLWVDSTPP	386	>TP53-T150RLWVDSRPP	300	86
>TP53-T150RLWVDSTPPP	467	>TP53-T150RLWVDSRPPP	256	211
>TP53-T150RLWVDSTPPPC	485	>TP53-T150RLWVDSRPPPC	367	118
>TP53-T150RVQLWVDST	120	>TP53-T150RVQLWVDSR	5363	5243
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>TP53-T150RCPVQLWVDS	31425	>TP53-T150RCPVQLWVDS	344	31081
>TP53-T155A TRVRAMAIYK	1127	>TP53-T155A ARVRAMAIYK	411	716
>TP53-T155A TRVRAMAIY	62	>TP53-T155A ARVRAMAIY	75	13
>TP53-T155A TRVRAMAI	746	>TP53-T155A ARVRAMAI	202	544
>TP53-T155A TRVRAMAIY	278	>TP53-T155A ARVRAMAIY	72	206
>TP53-T155A TRVRAMAI	542	>TP53-T155A ARVRAMAI	165	377

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>TP53-T155A TRVRAMAIYK	733	>TP53-T155A ARVRAMAIYK	169	564
>TP53-T155A TRVRAMAI	215	>TP53-T155A ARVRAMAI	627	412
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>TP53-T155A GTRVRAMAI\	50	>TP53-T155A GARVRAMAI'	123	73
>TP53-T155A GTRVRAMAI\	39	>TP53-T155A GARVRAMAI'	182	143
>TP53-T155A GTRVRAMA	18	>TP53-T155A GARVRAMA	76	58
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>TP53-T155A GTRVRAMAI\	30	>TP53-T155A GARVRAMAI'	172	142
>TP53-T155A GTRVRAMAI\	3	>TP53-T155A GARVRAMAI'	4	1
>TP53-T155A GTRVRAMAI\	130	>TP53-T155A GARVRAMAI'	616	486
>TP53-T155A GTRVRAMAI\	115	>TP53-T155A GARVRAMAI'	448	333
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>TP53-T155A GTRVRAMAI\	405	>TP53-T155A GARVRAMAI'	560	155
>TP53-T155A GTRVRAMAI	40	>TP53-T155A GARVRAMAI	367	327
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>TP53-T155A GTRVRAMAI\	21	>TP53-T155A GARVRAMAI'	201	180
>TP53-T155A GTRVRAMAI\	269	>TP53-T155A GARVRAMAI'	1592	1323
>TP53-T155A GTRVRAMAI	387	>TP53-T155A GARVRAMAI	3159	2772
>TP53-T155A LWVDSTPPPK	485	>TP53-T155A LWVDSTPPPK	213	272
>TP53-T155A PGTRVRAMA	619	>TP53-T155A PGARVRAMA	271	348
>TP53-T155A PPGTRVRAM	68	>TP53-T155A PPGARVRAM	58	10
>TP53-T155A PPPGTRVRAM	370	>TP53-T155A PPPGARVRAI'	730	360
>TP53-T155A PPPGTRVRAM	450	>TP53-T155A PPPGARVRAI'	62	388
>TP53-T155A TPPPGRVRA	482	>TP53-T155A TPPPGARVRA'	375	107
>TP53-T155A TPPPGRVRA	32	>TP53-T155A TPPPGARVRA'	39	7
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>TP53-T155A TPPPGRV	273	>TP53-T155A TPPPGARV	99	174
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>TP53-T155A STPPPGRV	116	>TP53-T155A STPPPGARV	87	29
>TP53-T155A STPPPGR	352	>TP53-T155A STPPPGAR	367	15
>TP53-T155A STPPPGRVVR	129	>TP53-T155A STPPPGARVR	162	33
>TP53-T155A STPPPGRV	18	>TP53-T155A STPPPGARV	10	8
>TP53-T155A STPPPGRVVR	82	>TP53-T155A STPPPGARVR	43	39
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>TP53-T155A STPPPGRV	4	>TP53-T155A STPPPGARV	2	2
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>TP53-T155A STPPPGRVVR	54	>TP53-T155A STPPPGARVR	33	21
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>TP53-T155A STPPPGRV	311	>TP53-T155A STPPPGARV	292	19
>TP53-T155A DSTPPPGR	203	>TP53-T155A DSTPPPGAR	142	61
>TP53-T155A DSTPPPGRV	372	>TP53-T155A DSTPPPGARV	567	195



>TP53-T155A DSTPPPGTR	161	>TP53-T155A DSTPPPGAR	247	86
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>TP53-T155A DSTPPPGTRV	866	>TP53-T155A DSTPPPGARV	357	509
>TP53-T155A WVDSTPPPG	1880	>TP53-T155A WVDSTPPPG	280	1600
>TP53-T155A WVDSTPPPG	489	>TP53-T155A WVDSTPPPG	58	431
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>TP53-T155I- TRVRAMAIY	1130	>TP53-T155I- IRVRAMAIY	443	687
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>TP53-T155I- TRVRAMAIY	278	>TP53-T155I- IRVRAMAIY	64	214
>TP53-T155I- TRVRAMAI	542	>TP53-T155I- IRVRAMAI	381	161
>TP53-T155I- TRVRAMAIYK	733	>TP53-T155I- IRVRAMAIYK	193	540
>TP53-T155I- TRVRAMAI	215	>TP53-T155I- IRVRAMAI	1806	1591
>TP53-T155I- TRVRAMAIYK	1215	>TP53-T155I- IRVRAMAIYK	361	854
>TP53-T155I- GTRVRAMAIY	269	>TP53-T155I- GIRVRAMAIY	4123	3854
>TP53-T155I- GTRVRAMAIY	50	>TP53-T155I- GIRVRAMAIY	44	6
>TP53-T155I- GTRVRAMAIY	39	>TP53-T155I- GIRVRAMAIY	81	42
>TP53-T155I- GTRVRAMA	18	>TP53-T155I- GIRVRAMA	73	55
>TP53-T155I- GTRVRAMAI	9	>TP53-T155I- GIRVRAMAI	26	17
>TP53-T155I- GTRVRAMAIY	30	>TP53-T155I- GIRVRAMAIY	161	131
>TP53-T155I- GTRVRAMAIY	3	>TP53-T155I- GIRVRAMAIY	4	1
>TP53-T155I- GTRVRAMAIY	130	>TP53-T155I- GIRVRAMAIY	699	569
>TP53-T155I- GTRVRAMAIY	115	>TP53-T155I- GIRVRAMAIY	432	317
>TP53-T155I- GTRVRAMAI	687	>TP53-T155I- GIRVRAMAI	83	604
>TP53-T155I- GTRVRAMAIY	405	>TP53-T155I- GIRVRAMAIY	337	68
>TP53-T155I- GTRVRAMAI	40	>TP53-T155I- GIRVRAMAI	6998	6958
>TP53-T155I- GTRVRAMAIY	4	>TP53-T155I- GIRVRAMAIY	360	356
>TP53-T155I- GTRVRAMAI	122	>TP53-T155I- GIRVRAMAI	5262	5140
>TP53-T155I- GTRVRAMAIY	21	>TP53-T155I- GIRVRAMAIY	159	138
>TP53-T155I- GTRVRAMAIY	269	>TP53-T155I- GIRVRAMAIY	3238	2969
>TP53-T155I- GTRVRAMAI	387	>TP53-T155I- GIRVRAMAI	17413	17026
>TP53-T155I- LWVDSTPPPG	485	>TP53-T155I- LWVDSTPPPG	172	313
>TP53-T155I- PPGTRVRAM	68	>TP53-T155I- PPGTRVRAM	80	12
>TP53-T155I- PPPGTRVRAM	370	>TP53-T155I- PPPGTRVRAM	434	64
>TP53-T155I- PPPGTRVRAM	450	>TP53-T155I- PPPGTRVRAM	683	233
>TP53-T155I- TPPPGRV	763	>TP53-T155I- TPPPGRV	435	328
>TP53-T155I- TPPPGRVRA	482	>TP53-T155I- TPPPGRVRA	619	137
>TP53-T155I- TPPPGRVRA	32	>TP53-T155I- TPPPGRVRA	54	22
>TP53-T155I- TPPPGRVRA	139	>TP53-T155I- TPPPGRVRA	245	106
>TP53-T155I- TPPPGRV	273	>TP53-T155I- TPPPGRV	85	188
>TP53-T155I- TPPPGRVRA	727	>TP53-T155I- TPPPGRVRA	336	391
>TP53-T155I- STPPPGRV	136	>TP53-T155I- STPPPGRV	54	82
>TP53-T155I- STPPPGRV	743	>TP53-T155I- STPPPGRV	417	326
>TP53-T155I- STPPPGRV	116	>TP53-T155I- STPPPGRV	130	14

>TP53-T155I-STPPPGTR	352	>TP53-T155I-STPPPGIR	501	149
>TP53-T155I-STPPPGTRVR	129	>TP53-T155I-STPPPGIRVR	232	103
>TP53-T155I-STPPPGTRV	18	>TP53-T155I-STPPPGIRV	21	3
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>TP53-T155I-STPPPGTRV	512	>TP53-T155I-STPPPGIRV	250	262
>TP53-T155I-STPPPGTRV	4	>TP53-T155I-STPPPGIRV	3	1
>TP53-T155I-STPPPGTRVR	96	>TP53-T155I-STPPPGIRVR	42	54
>TP53-T155I-STPPPGTRVR	54	>TP53-T155I-STPPPGIRVR	41	13
>TP53-T155I-STPPPGTRV	259	>TP53-T155I-STPPPGIRV	1474	1215
>TP53-T155I-STPPPGTRV	311	>TP53-T155I-STPPPGIRV	450	139
>TP53-T155I-DSTPPPGTR	203	>TP53-T155I-DSTPPPGIR	662	459
>TP53-T155I-DSTPPPGTRV	372	>TP53-T155I-DSTPPPGIRV	319	53
>TP53-T155I-DSTPPPGTR	161	>TP53-T155I-DSTPPPGIR	282	121
>TP53-T155I-DSTPPPGTRV	208	>TP53-T155I-DSTPPPGIRV	265	57
>TP53-T155I-DSTPPPGTRV	866	>TP53-T155I-DSTPPPGIRV	404	462
>TP53-T155I-DSTPPPGT	34363	>TP53-T155I-DSTPPPGI	357	34006
>TP53-T155I-WVDSTPPPG	1880	>TP53-T155I-WVDSTPPPG	54	1826
>TP53-T155I-WVDSTPPPG	4877	>TP53-T155I-WVDSTPPPG	339	4538
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>TP53-T155I-WVDSTPPPG	489	>TP53-T155I-WVDSTPPPG	13	476
>TP53-T155I-WVDSTPPPG	28778	>TP53-T155I-WVDSTPPPG	155	28623
>TP53-T155N TRVRAMAIY	62	>TP53-T155N NRVRAMAIY	171	109
>TP53-T155N TRVRAMAIY	278	>TP53-T155N NRVRAMAIY	372	94
>TP53-T155N TRVRAMAI	215	>TP53-T155N NRVRAMAI	220	5
>TP53-T155N GTRVRAMAI	269	>TP53-T155N GNRVRAMAI	14747	14478
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>TP53-T155N GTRVRAMAI	39	>TP53-T155N GNRVRAMAI	4935	4896
>TP53-T155N GTRVRAMA	18	>TP53-T155N GNRVRAMA	1201	1183
>TP53-T155N GTRVRAMAI	9	>TP53-T155N GNRVRAMAI	442	433
>TP53-T155N GTRVRAMAI	30	>TP53-T155N GNRVRAMAI	2560	2530
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>TP53-T155N GTRVRAMAI	130	>TP53-T155N GNRVRAMAI	1578	1448
>TP53-T155N GTRVRAMAI	115	>TP53-T155N GNRVRAMAI	5221	5106
>TP53-T155N GTRVRAMAI	687	>TP53-T155N GNRVRAMAI	358	329
>TP53-T155N GTRVRAMAI	405	>TP53-T155N GNRVRAMAI	2022	1617
>TP53-T155N GTRVRAMAI	40	>TP53-T155N GNRVRAMAI	20929	20889
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>TP53-T155N GTRVRAMAI	122	>TP53-T155N GNRVRAMAI	5611	5489
>TP53-T155N GTRVRAMAI	21	>TP53-T155N GNRVRAMAI	763	742
>TP53-T155N GTRVRAMAI	269	>TP53-T155N GNRVRAMAI	5290	5021
>TP53-T155N GTRVRAMAI	387	>TP53-T155N GNRVRAMAI	8268	7881
>TP53-T155N LWVDSTPPPG	485	>TP53-T155N LWVDSTPPPG	749	264
>TP53-T155N PGTRVRAMA	619	>TP53-T155N PGNRVRAMA	304	315

>TP53-T155N PPGTRVRAM	68	>TP53-T155N PPGNRVRAM	81	13
>TP53-T155N PPPGTRVRAM	370	>TP53-T155N PPPGNRVRAI	470	100
>TP53-T155N PPPGTRVRAM	450	>TP53-T155N PPPGNRVRAI	236	214
>TP53-T155N TPPPGRVRA	482	>TP53-T155N TPPPGNRVR/	501	19
>TP53-T155N TPPPGRVRA	32	>TP53-T155N TPPPGNRVR/	44	12
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>TP53-T155N TPPPGRV	273	>TP53-T155N TPPPGNRV	224	49
>TP53-T155N STPPPGRV	136	>TP53-T155N STPPPGNRV	228	92
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>TP53-T155N STPPPGR	352	>TP53-T155N STPPPGNR	410	58
>TP53-T155N STPPPGRV	129	>TP53-T155N STPPPGNRVF	161	32
>TP53-T155N STPPPGRV	18	>TP53-T155N STPPPGNRV	14	4
>TP53-T155N STPPPGRV	82	>TP53-T155N STPPPGNRVF	60	22
>TP53-T155N STPPPGRV	4	>TP53-T155N STPPPGNRV	3	1
>TP53-T155N STPPPGRV	96	>TP53-T155N STPPPGNRVF	104	8
>TP53-T155N STPPPGRV	54	>TP53-T155N STPPPGNRVF	66	12
>TP53-T155N STPPPGRV	259	>TP53-T155N STPPPGNRV	568	309
>TP53-T155N STPPPGRV	311	>TP53-T155N STPPPGNRV	566	255
>TP53-T155N DSTPPPGR	203	>TP53-T155N DSTPPPGNR	206	3
>TP53-T155N DSTPPPGRV	372	>TP53-T155N DSTPPPGNR\	349	23
>TP53-T155N DSTPPPGR	161	>TP53-T155N DSTPPPGNR	234	73
>TP53-T155N DSTPPPGRV	208	>TP53-T155N DSTPPPGNR\	260	52
>TP53-T155N WVDSTPPP	489	>TP53-T155N WVDSTPPP	7686	7197
>TP53-T155P TRVRAMAIY	62	>TP53-T155P PRVRAMAIY	395	333
>TP53-T155P TRVRAMAIY	278	>TP53-T155P PRVRAMAIY	852	574
>TP53-T155P TRVRAMAI	215	>TP53-T155P PRVRAMAI	9621	9406
>TP53-T155P GTRVRAMAI\	269	>TP53-T155P GPRVRAMAI\	24741	24472
>TP53-T155P GTRVRAMAI\	50	>TP53-T155P GPRVRAMAI\	6470	6420
>TP53-T155P GTRVRAMAI\	39	>TP53-T155P GPRVRAMAI\	11342	11303
>TP53-T155P GTRVRAMA	18	>TP53-T155P GPRVRAMA	12997	12979
>TP53-T155P GTRVRAMAI	9	>TP53-T155P GPRVRAMAI	11068	11059
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>TP53-T155P GTRVRAMAI\	3	>TP53-T155P GPRVRAMAI\	1262	1259
>TP53-T155P GTRVRAMAI\	130	>TP53-T155P GPRVRAMAI\	5047	4917
>TP53-T155P GTRVRAMAI\	115	>TP53-T155P GPRVRAMAI\	10232	10117
>TP53-T155P GTRVRAMA	16954	>TP53-T155P GPRVRAMA	63	16891
>TP53-T155P GTRVRAMAI	4512	>TP53-T155P GPRVRAMAI	10	4502
>TP53-T155P GTRVRAMAI	687	>TP53-T155P GPRVRAMAI	53	634
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>TP53-T155P GTRVRAMAI	40	>TP53-T155P GPRVRAMAI	18101	18061
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>TP53-T155P GTRVRAMAI	122	>TP53-T155P GPRVRAMAI	7703	7581
>TP53-T155P GTRVRAMAI\	21	>TP53-T155P GPRVRAMAI\	2155	2134

>TP53-T155P GTRVRAMAI\	269	>TP53-T155P GPRVRAMAI\	5458	5189
>TP53-T155P GTRVRAMAI	387	>TP53-T155P GPRVRAMAI	12555	12168
>TP53-T155P LWVDSTPPPK	485	>TP53-T155P LWVDSTPPPK	468	17
>TP53-T155P PGTRVRAM	11563	>TP53-T155P PGPRVRAM	176	11387
>TP53-T155P PGTRVRAMA	5996	>TP53-T155P PGPRVRAMA	82	5914
>TP53-T155P PGTRVRAMA	17881	>TP53-T155P PGPRVRAMA	310	17571
>TP53-T155P PPGTRVRAM	68	>TP53-T155P PPGPRVRAM	58	10
>TP53-T155P PPPGTRVRAM	370	>TP53-T155P PPPGPRVRAM	389	19
>TP53-T155P PPPGTRVRAM	450	>TP53-T155P PPPGPRVRAM	886	436
>TP53-T155P TPPP GTRV	763	>TP53-T155P TPPP GPRV	341	422
>TP53-T155P TPPP GTRVRA	482	>TP53-T155P TPPP GPRVRA	591	109
>TP53-T155P TPPP GTRVRA	32	>TP53-T155P TPPP GPRVRA	61	29
>TP53-T155P TPPP GTRVRA	139	>TP53-T155P TPPP GPRVRA	225	86
>TP53-T155P TPPP GTRV	273	>TP53-T155P TPPP GPRV	175	98
>TP53-T155P STPPP GTRV	136	>TP53-T155P STPPP GPRV	52	84
>TP53-T155P STPPP GTRV	743	>TP53-T155P STPPP GPRV	155	588
>TP53-T155P STPPP GTRV	116	>TP53-T155P STPPP GPRV	64	52
>TP53-T155P STPPP GTR	352	>TP53-T155P STPPP GPR	477	125
>TP53-T155P STPPP GTRVR	129	>TP53-T155P STPPP GPRVR	292	163
>TP53-T155P STPPP GTRV	18	>TP53-T155P STPPP GPRV	109	91
>TP53-T155P STPPP GTRVR	82	>TP53-T155P STPPP GPRVR	117	35
>TP53-T155P STPPP GTRV	512	>TP53-T155P STPPP GPRV	90	422
>TP53-T155P STPPP GTRV	4	>TP53-T155P STPPP GPRV	4	0
>TP53-T155P STPPP GTRVR	96	>TP53-T155P STPPP GPRVR	190	94
>TP53-T155P STPPP GTRVR	54	>TP53-T155P STPPP GPRVR	42	12
>TP53-T155P STPPP GTRV	259	>TP53-T155P STPPP GPRV	1579	1320
>TP53-T155P STPPP GTRV	311	>TP53-T155P STPPP GPRV	296	15
>TP53-T155P DSTPPP GTR	203	>TP53-T155P DSTPPP GPR	129	74
>TP53-T155P DSTPPP GTRV	372	>TP53-T155P DSTPPP GPRV	386	14
>TP53-T155P DSTPPP GTR	161	>TP53-T155P DSTPPP GPR	247	86
>TP53-T155P DSTPPP GTRV	208	>TP53-T155P DSTPPP GPRV	401	193
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>TP53-T155P WVDSTPPPG	489	>TP53-T155P WVDSTPPPG	6455	5966
>TP53-T155S TRVRAMAIY	62	>TP53-T155S SRVRAMAIY	69	7
>TP53-T155S TRVRAMAI	746	>TP53-T155S SRVRAMAI	370	376
>TP53-T155S TRVRAMAIY	278	>TP53-T155S SRVRAMAIY	131	147
>TP53-T155S TRVRAMAI	542	>TP53-T155S SRVRAMAI	290	252
>TP53-T155S TRVRAMAIYk	733	>TP53-T155S SRVRAMAIYk	175	558
>TP53-T155S TRVRAMAI	215	>TP53-T155S SRVRAMAI	460	245
>TP53-T155S GTRVRAMAI\	269	>TP53-T155S GSRVRAMAI\	524	255
>TP53-T155S GTRVRAMAI\	50	>TP53-T155S GSRVRAMAI\	64	14
>TP53-T155S GTRVRAMAI\	39	>TP53-T155S GSRVRAMAI\	56	17
>TP53-T155S GTRVRAMA	18	>TP53-T155S GSRVRAMA	32	14

>TP53-T155S GTRVRAMAI	9	>TP53-T155S GSRVRAMAI	13	4
>TP53-T155S GTRVRAMAI	30	>TP53-T155S GSRVRAMAI	57	27
>TP53-T155S GTRVRAMAI	3	>TP53-T155S GSRVRAMAI	4	1
>TP53-T155S GTRVRAMAI	130	>TP53-T155S GSRVRAMAI	116	14
>TP53-T155S GTRVRAMAI	115	>TP53-T155S GSRVRAMAI	223	108
>TP53-T155S GTRVRAMAI	405	>TP53-T155S GSRVRAMAI	306	99
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>TP53-T155S GTRVRAMAI	40	>TP53-T155S GSRVRAMAI	53	13
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>TP53-T155S GTRVRAMAI	122	>TP53-T155S GSRVRAMAI	395	273
>TP53-T155S GTRVRAMAI	21	>TP53-T155S GSRVRAMAI	30	9
>TP53-T155S GTRVRAMAI	269	>TP53-T155S GSRVRAMAI	435	166
>TP53-T155S GTRVRAMAI	387	>TP53-T155S GSRVRAMAI	611	224
>TP53-T155S LWVDSTPPPG	485	>TP53-T155S LWVDSTPPPG	589	104
>TP53-T155S PGTRVRAMA	619	>TP53-T155S PGSRVRAMA	286	333
>TP53-T155S PPGTRVRAM	68	>TP53-T155S PPGSRVRAM	50	18
>TP53-T155S PPPGTRVRAM	370	>TP53-T155S PPPGSRVRAM	465	95
>TP53-T155S PPPGTRVRAM	450	>TP53-T155S PPPGSRVRAM	222	228
>TP53-T155S TPPPGRVRA	482	>TP53-T155S TPPPGRVRA	382	100
>TP53-T155S TPPPGRVRA	32	>TP53-T155S TPPPGRVRA	36	4
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>TP53-T155S STPPPGRV	116	>TP53-T155S STPPPGRV	130	14
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>TP53-T155S STPPPGRVR	129	>TP53-T155S STPPPGRVR	111	18
>TP53-T155S STPPPGRV	18	>TP53-T155S STPPPGRV	17	1
>TP53-T155S STPPPGRVR	82	>TP53-T155S STPPPGRVR	70	12
>TP53-T155S STPPPGRV	4	>TP53-T155S STPPPGRV	4	0
>TP53-T155S STPPPGRVR	96	>TP53-T155S STPPPGRVR	98	2
>TP53-T155S STPPPGRVR	54	>TP53-T155S STPPPGRVR	51	3
>TP53-T155S STPPPGRV	259	>TP53-T155S STPPPGRV	47	212
>TP53-T155S STPPPGRV	311	>TP53-T155S STPPPGRV	180	131
>TP53-T155S DSTPPPGR	203	>TP53-T155S DSTPPPGR	200	3
>TP53-T155S DSTPPPGRV	372	>TP53-T155S DSTPPPGRV	426	54
>TP53-T155S DSTPPPGR	161	>TP53-T155S DSTPPPGR	236	75
>TP53-T155S DSTPPPGRV	208	>TP53-T155S DSTPPPGRV	293	85
>TP53-T155S WVDSTPPPG	489	>TP53-T155S WVDSTPPPG	3553	3064
>TP53-T170A MAIYKQSQHI	672	>TP53-T170A MAIYKQSQHI	37	635
>TP53-T170A MAIYKQSQHI	3519	>TP53-T170A MAIYKQSQHI	187	3332
>TP53-T170A HMTEVVRR	38	>TP53-T170A HMAEVRRC	15	23
>TP53-T170A HMTEVVRR	1236	>TP53-T170A HMAEVRRC	350	886
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>TP53-T170A HMTEVVRR	64	>TP53-T170A HMAEVVRR	63	1
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>TP53-T170A SQHMTEVV	115	>TP53-T170A SQHMAEVV	109	6
>TP53-T170A SQHMTEVV	256	>TP53-T170A SQHMAEVV	462	206
>TP53-T170A SQHMTEVVR	115	>TP53-T170A SQHMAEVVR	267	152
>TP53-T170A SQHMTEVVR	504	>TP53-T170A SQHMAEVVR	406	98
>TP53-T170A SQHMTEVV	88	>TP53-T170A SQHMAEVV	186	98
>TP53-T170A SQHMTEVVR	162	>TP53-T170A SQHMAEVVR	386	224
>TP53-T170A SQHMTEVVR	434	>TP53-T170A SQHMAEVVR	593	159
>TP53-T170A SQHMTEVVR	363	>TP53-T170A SQHMAEVVR	435	72
>TP53-T170A QSQHMTEVV	230	>TP53-T170A QSQHMAEV\	320	90
>TP53-T170A QSQHMTEVV	321	>TP53-T170A QSQHMAEV\	570	249
>TP53-T170A QSQHMTEVV	185	>TP53-T170A QSQHMAEV\	219	34
>TP53-T170A QSQHMTEV	206	>TP53-T170A QSQHMAEV	192	14
>TP53-T170A QSQHMTEVV	303	>TP53-T170A QSQHMAEV\	1092	789
>TP53-T170A QSQHMTEVV	306	>TP53-T170A QSQHMAEV\	445	139
>TP53-T170A KQSQHMTEV	82	>TP53-T170A KQSQHMAEV	48	34
>TP53-T170A KQSQHMTEV	51	>TP53-T170A KQSQHMAEV	33	18
>TP53-T170A KQSQHMTEV	298	>TP53-T170A KQSQHMAEV	539	241
>TP53-T170A KQSQHMTEV	9	>TP53-T170A KQSQHMAEV	11	2
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>TP53-T170A KQSQHMTEV	10	>TP53-T170A KQSQHMAEV	8	2
>TP53-T170A KQSQHMTEV	426	>TP53-T170A KQSQHMAEV	160	266
>TP53-T170A KQSQHMTEV	35	>TP53-T170A KQSQHMAEV	42	7
>TP53-T170A KQSQHMTEV	541	>TP53-T170A KQSQHMAEV	355	186
>TP53-T170A KQSQHMTEV	222	>TP53-T170A KQSQHMAEV	264	42
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>TP53-T170A KQSQHMTEV	110	>TP53-T170A KQSQHMAEV	164	54
>TP53-T170A KQSQHMTEV	185	>TP53-T170A KQSQHMAEV	327	142
>TP53-T170A KQSQHMTEV	60	>TP53-T170A KQSQHMAEV	60	0
>TP53-T170A YKQSQHMTE	467	>TP53-T170A YKQSQHMAE	432	35
>TP53-T170A YKQSQHMT	1856	>TP53-T170A YKQSQHMA	399	1457
>TP53-T170A YKQSQHMTE	30	>TP53-T170A YKQSQHMAE	45	15
>TP53-T170A YKQSQHMTE	42	>TP53-T170A YKQSQHMAE	45	3
>TP53-T170A IYKQSQHMTI	402	>TP53-T170A IYKQSQHMAI	2451	2049
>TP53-T170A IYKQSQHMT	5834	>TP53-T170A IYKQSQHMA	389	5445
>TP53-T170A AIYKQSQHM'	1331	>TP53-T170A AIYKQSQHM,	216	1115
>TP53-T170A AIYKQSQHM'	3687	>TP53-T170A AIYKQSQHM,	270	3417
>TP53-T170A AIYKQSQHM'	662	>TP53-T170A AIYKQSQHM,	67	595
>TP53-T170N MAIYKQSQHI	4990	>TP53-T170N MAIYKQSQHI	364	4626

>TP53-T170N MAIYKQSQH	672	>TP53-T170N MAIYKQSQH	254	418
>TP53-T170N MAIYKQSQH	13188	>TP53-T170N MAIYKQSQH	361	12827
>TP53-T170N MAIYKQSQH	5430	>TP53-T170N MAIYKQSQH	19	5411
>TP53-T170N MAIYKQSQH	3942	>TP53-T170N MAIYKQSQH	63	3879
>TP53-T170N MAIYKQSQH	10054	>TP53-T170N MAIYKQSQH	77	9977
>TP53-T170N MAIYKQSQH	9709	>TP53-T170N MAIYKQSQH	229	9480
>TP53-T170N HMTEVRRRC	4723	>TP53-T170N HMMEVRRRC	400	4323
>TP53-T170N HMTEVRRRC	38	>TP53-T170N HMMEVRRRC	9	29
>TP53-T170N HMTEVRRRC	2818	>TP53-T170N HMMEVRRRC	194	2624
>TP53-T170N HMTEVRRRC	6679	>TP53-T170N HMMEVRRRC	197	6482
>TP53-T170N HMTEVRRR	1236	>TP53-T170N HMMEVRRR	151	1085
>TP53-T170N HMTEVRRRC	2711	>TP53-T170N HMMEVRRRC	371	2340
>TP53-T170N HMTEVRRR	38	>TP53-T170N HMMEVRRR	17	21
>TP53-T170N HMTEVRRRC	1361	>TP53-T170N HMMEVRRRC	455	906
>TP53-T170N HMTEVRRR	65	>TP53-T170N HMMEVRRR	32	33
>TP53-T170N HMTEVRRR	35	>TP53-T170N HMMEVRRR	25	10
>TP53-T170N HMTEVRRRC	3938	>TP53-T170N HMMEVRRRC	275	3663
>TP53-T170N HMTEVRRR	64	>TP53-T170N HMMEVRRR	49	15
>TP53-T170N QHMTEVVR	269	>TP53-T170N QHMMEVVR	415	146
>TP53-T170N QHMTEVRR	195	>TP53-T170N QHMMEVVR	340	145
>TP53-T170N SQHMTEVV	670	>TP53-T170N SQHMMEVV	492	178
>TP53-T170N SQHMTEVV	115	>TP53-T170N SQHMMEVV	117	2
>TP53-T170N SQHMTEVV	256	>TP53-T170N SQHMMEVV	519	263
>TP53-T170N SQHMTEVVR	115	>TP53-T170N SQHMMEVVI	73	42
>TP53-T170N SQHMTEVVR	504	>TP53-T170N SQHMMEVVI	168	336
>TP53-T170N SQHMTEVV	88	>TP53-T170N SQHMMEVV	303	215
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>TP53-T170N SQHMTEVVR	434	>TP53-T170N SQHMMEVVI	427	7
>TP53-T170N SQHMTEVVR	363	>TP53-T170N SQHMMEVVI	387	24
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>TP53-T170N QSQHMTEVV	185	>TP53-T170N QSQHMMEV	253	68
>TP53-T170N QSQHMTEV	206	>TP53-T170N QSQHMMEV	109	97
>TP53-T170N QSQHMTEVV	303	>TP53-T170N QSQHMMEV	282	21
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>TP53-T170N KQSQHMTEV	82	>TP53-T170N KQSQHMME'	55	27
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>TP53-T170N KQSQHMTEV	298	>TP53-T170N KQSQHMME'	319	21
>TP53-T170N KQSQHMTEV	9	>TP53-T170N KQSQHMME'	10	1
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>TP53-T170N KQSQHMTEV	10	>TP53-T170N KQSQHMME'	9	1
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>TP53-T170N KQSQHMTEV	222	>TP53-T170N KQSQHMMME'	280	58
>TP53-T170N KQSQHMTEV	86	>TP53-T170N KQSQHMMME'	60	26
>TP53-T170N KQSQHMTEV	110	>TP53-T170N KQSQHMMME'	130	20
>TP53-T170N KQSQHMTEV	185	>TP53-T170N KQSQHMMME'	273	88
>TP53-T170N KQSQHMTEV	863	>TP53-T170N KQSQHMMME'	490	373
>TP53-T170N KQSQHMTEV	60	>TP53-T170N KQSQHMMME'	43	17
>TP53-T170N YKQSQHMT	467	>TP53-T170N YKQSQHMM	464	3
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>TP53-T170N YKQSQHMT	30	>TP53-T170N YKQSQHMM	27	3
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>TP53-T170N IYKQSQHMTI	402	>TP53-T170N IYKQSQHMM	2345	1943
>TP53-T170N IYKQSQHMT	3820	>TP53-T170N IYKQSQHMM	186	3634
>TP53-T170N IYKQSQHMTI	864	>TP53-T170N IYKQSQHMM	182	682
>TP53-T170N IYKQSQHMTI	1709	>TP53-T170N IYKQSQHMM	289	1420
>TP53-T170N AIYKQSQHM'	1331	>TP53-T170N AIYKQSQHM	421	910
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>TP53-T170N AIYKQSQHM'	10848	>TP53-T170N AIYKQSQHM	346	10502
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>TP53-T170P HMTEVVRR	38	>TP53-T170P HMPEVVRR	21	17
>TP53-T170P HMTEVVRR	38	>TP53-T170P HMPEVVRR	152	114
>TP53-T170P HMTEVVRR	65	>TP53-T170P HMPEVVRR	301	236
>TP53-T170P HMTEVVRR	35	>TP53-T170P HMPEVVRR	177	142
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>TP53-T170P SQHMTEVV	115	>TP53-T170P SQHMPEVV	403	288
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>TP53-T170P SQHMTEVVR	115	>TP53-T170P SQHMPEVVR	231	116
>TP53-T170P SQHMTEVVR	504	>TP53-T170P SQHMPEVVR	346	158
>TP53-T170P SQHMTEVV	88	>TP53-T170P SQHMPEVV	125	37
>TP53-T170P SQHMTEVVR	162	>TP53-T170P SQHMPEVVR	279	117
>TP53-T170P SQHMTEVVR	434	>TP53-T170P SQHMPEVVR	679	245
>TP53-T170P SQHMTEVVR	363	>TP53-T170P SQHMPEVVR	491	128
>TP53-T170P QSQHMTEVV	230	>TP53-T170P QSQHMPEVV	1113	883
>TP53-T170P QSQHMTEVV	321	>TP53-T170P QSQHMPEVV	450	129
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>TP53-T170P QSQHMTEV	206	>TP53-T170P QSQHMPEV	1512	1306
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>TP53-T170P KQSQHMTEV	82	>TP53-T170P KQSQHMPEV	35	47
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>TP53-T170P KQSQHMTEV	273	>TP53-T170P KQSQHMPEV	248	25
>TP53-T170P KQSQHMTEV	10	>TP53-T170P KQSQHMPEV	9	1
>TP53-T170P KQSQHMTEV	426	>TP53-T170P KQSQHMPEV	137	289
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>TP53-T170P KQSQHMTEV	35	>TP53-T170P KQSQHMPEV	51	16
>TP53-T170P KQSQHMTEV	222	>TP53-T170P KQSQHMPEV	502	280
>TP53-T170P KQSQHMTEV	86	>TP53-T170P KQSQHMPEV	174	88
>TP53-T170P KQSQHMTEV	110	>TP53-T170P KQSQHMPEV	128	18
>TP53-T170P KQSQHMTEV	185	>TP53-T170P KQSQHMPEV	295	110
>TP53-T170P KQSQHMTEV	60	>TP53-T170P KQSQHMPEV	65	5
>TP53-T170P YKQSQHMTE	467	>TP53-T170P YKQSQHMPE	352	115
>TP53-T170P YKQSQHMTE	30	>TP53-T170P YKQSQHMPE	46	16
>TP53-T170P YKQSQHMTE	42	>TP53-T170P YKQSQHMPE	37	5
>TP53-T170P IYKQSQHMTI	402	>TP53-T170P IYKQSQHMPPI	4806	4404
>TP53-T170P IYKQSQHMTI	727	>TP53-T170P IYKQSQHMPPI	455	272
>TP53-T170P IYKQSQHMTI	1709	>TP53-T170P IYKQSQHMPPI	314	1395
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>TP53-T170S QHMTEVVR	269	>TP53-T170S QHMSEVVR	447	178
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>TP53-T170S SQHMTEVV	115	>TP53-T170S SQHMSEVV	144	29
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>TP53-T170S SQHMTEVVR	115	>TP53-T170S SQHMSEVVR	130	15
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>TP53-T170S SQHMTEVVR	162	>TP53-T170S SQHMSEVVR	117	45
>TP53-T170S SQHMTEVVR	572	>TP53-T170S SQHMSEVVR	387	185
>TP53-T170S SQHMTEVVR	434	>TP53-T170S SQHMSEVVR	639	205
>TP53-T170S SQHMTEVVR	363	>TP53-T170S SQHMSEVVR	507	144
>TP53-T170S QSQHMTEVV	230	>TP53-T170S QSQHMSEVV	192	38
>TP53-T170S QSQHMTEVV	321	>TP53-T170S QSQHMSEVV	362	41
>TP53-T170S QSQHMTEVV	185	>TP53-T170S QSQHMSEVV	239	54
>TP53-T170S QSQHMTEV	206	>TP53-T170S QSQHMSEV	265	59
>TP53-T170S QSQHMTEVV	303	>TP53-T170S QSQHMSEVV	589	286
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>TP53-T170S KQSQHMTEV	82	>TP53-T170S KQSQHMSEV	185	103
>TP53-T170S KQSQHMTEV	51	>TP53-T170S KQSQHMSEV	69	18
>TP53-T170S KQSQHMTEV	298	>TP53-T170S KQSQHMSEV	407	109
>TP53-T170S KQSQHMTEV	9	>TP53-T170S KQSQHMSEV	10	1
>TP53-T170S KQSQHMTEV	273	>TP53-T170S KQSQHMSEV	479	206
>TP53-T170S KQSQHMTEV	10	>TP53-T170S KQSQHMSEV	15	5
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>TP53-T170S KQSQHMTEV	35	>TP53-T170S KQSQHMSEV	40	5
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>TP53-T170S KQSQHMTEV	222	>TP53-T170S KQSQHMSEV	152	70
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>TP53-T170S KQSQHMTEV	185	>TP53-T170S KQSQHMSEV	145	40
>TP53-T170S KQSQHMTEV	60	>TP53-T170S KQSQHMSEV	80	20
>TP53-T170S YKQSQHMTE	467	>TP53-T170S YKQSQHMSE	515	48
>TP53-T170S YKQSQHMTE	30	>TP53-T170S YKQSQHMSE	23	7
>TP53-T170S YKQSQHMTE	42	>TP53-T170S YKQSQHMSE	33	9
>TP53-T170S IYKQSQHMTI	402	>TP53-T170S IYKQSQHMSI	385	17
>TP53-T211A TFRHSVVVPY	185	>TP53-T211A AFRHSVVVPY	175	10
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>TP53-T211A TFRHSVVVP	2851	>TP53-T211A AFRHSVVVP	390	2461
>TP53-T211A TFRHSVVVPY	162	>TP53-T211A AFRHSVVVPY	24	138
>TP53-T211A TFRHSVVVPY	1278	>TP53-T211A AFRHSVVVPY	176	1102
>TP53-T211A TFRHSVVVPY	140	>TP53-T211A AFRHSVVVPY	84	56
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>TP53-T211A TFRHSVVVPY	271	>TP53-T211A AFRHSVVVPY	63	208
>TP53-T211A NTFRHSVV	382	>TP53-T211A NAFRHSVV	1109	727
>TP53-T211A NTFRHSVV	309	>TP53-T211A NAFRHSVV	1209	900
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>TP53-T211A NTFRHSVVVF	128	>TP53-T211A NAFRHSVVVF	1206	1078
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>TP53-T211A NTFRHSVVVF	123	>TP53-T211A NAFRHSVVVF	3553	3430
>TP53-T211A NTFRHSVVVF	82	>TP53-T211A NAFRHSVVVF	605	523
>TP53-T211A NTFRHSVVV	412	>TP53-T211A NAFRHSVVV	6886	6474
>TP53-T211A NTFRHSVVVF	61	>TP53-T211A NAFRHSVVVF	2629	2568
>TP53-T211A NTFRHSVVVF	34	>TP53-T211A NAFRHSVVVF	125	91
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>TP53-T211A NTFRHSVVVF	65	>TP53-T211A NAFRHSVVVF	83	18
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>TP53-T211ALDDRNTFRHS	482	>TP53-T211ALDDRNAFRHS	357	125
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>TP53-T211AYLDDRNTF	187	>TP53-T211AYLDDRNAF	102	85
>TP53-T211AYLDDRNTFR+	333	>TP53-T211AYLDDRNAFR+	265	68
>TP53-T211AYLDDRNTF	149	>TP53-T211AYLDDRNAF	162	13
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>TP53-T211AYLDDRNTF	87	>TP53-T211AYLDDRNAF	208	121
>TP53-T211AYLDDRNTFR	189	>TP53-T211AYLDDRNAFR	124	65
>TP53-T211AYLDDRNTFR+	187	>TP53-T211AYLDDRNAFR+	216	29
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>TP53-T211AYLDDRNTFR	336	>TP53-T211AYLDDRNAFR	314	22
>TP53-T211A EYLDDRNTF	103	>TP53-T211A EYLDDRNAF	370	267
>TP53-T211A EYLDDRNTF	18	>TP53-T211A EYLDDRNAF	27	9
>TP53-T211A EYLDDRNTF	381	>TP53-T211A EYLDDRNAF	378	3
>TP53-T211A EYLDDRNTF	301	>TP53-T211A EYLDDRNAF	105	196
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>TP53-T211A EYLDDRNTFR	19	>TP53-T211A EYLDDRNAFR	19	0
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>TP53-T211I- TFRHSVVVPY	185	>TP53-T211I- IFRHSVVVPY	154	31
>TP53-T211I- TFRHSVVV	139	>TP53-T211I- IFRHSVVV	72	67
>TP53-T211I- TFRHSVVVPY	162	>TP53-T211I- IFRHSVVVPY	86	76
>TP53-T211I- TFRHSVVVPY	687	>TP53-T211I- IFRHSVVVPY	484	203
>TP53-T211I- TFRHSVVVPY	140	>TP53-T211I- IFRHSVVVPY	94	46
>TP53-T211I- TFRHSVVVPY	225	>TP53-T211I- IFRHSVVVPY	264	39
>TP53-T211I- TFRHSVVVPY	271	>TP53-T211I- IFRHSVVVPY	40	231
>TP53-T211I- NTFRHSVV	1371	>TP53-T211I- NIFRHSVV	328	1043

>TP53-T211I·NTFRHSVVV	872	>TP53-T211I·NIFRHSVVV	171	701
>TP53-T211I·NTFRHSVV	382	>TP53-T211I·NIFRHSVV	53	329
>TP53-T211I·NTFRHSVVV	581	>TP53-T211I·NIFRHSVVV	67	514
>TP53-T211I·NTFRHSVV	1308	>TP53-T211I·NIFRHSVV	490	818
>TP53-T211I·NTFRHSVVV	680	>TP53-T211I·NIFRHSVVV	183	497
>TP53-T211I·NTFRHSVV	309	>TP53-T211I·NIFRHSVV	73	236
>TP53-T211I·NTFRHSVVV	265	>TP53-T211I·NIFRHSVVV	64	201
>TP53-T211I·NTFRHSVVV	1835	>TP53-T211I·NIFRHSVVV	323	1512
>TP53-T211I·NTFRHSVVV	3077	>TP53-T211I·NIFRHSVVV	403	2674
>TP53-T211I·NTFRHSVV	1246	>TP53-T211I·NIFRHSVV	50	1196
>TP53-T211I·NTFRHSVVV	1108	>TP53-T211I·NIFRHSVVV	52	1056
>TP53-T211I·NTFRHSVVVF	647	>TP53-T211I·NIFRHSVVVP	457	190
>TP53-T211I·NTFRHSVVVF	128	>TP53-T211I·NIFRHSVVVP	441	313
>TP53-T211I·NTFRHSVVVF	97	>TP53-T211I·NIFRHSVVVP	911	814
>TP53-T211I·NTFRHSVVVF	123	>TP53-T211I·NIFRHSVVVP	772	649
>TP53-T211I·NTFRHSVVVF	82	>TP53-T211I·NIFRHSVVVP	163	81
>TP53-T211I·NTFRHSVVV	412	>TP53-T211I·NIFRHSVVV	1255	843
>TP53-T211I·NTFRHSVVVF	61	>TP53-T211I·NIFRHSVVVP	207	146
>TP53-T211I·NTFRHSVVVF	34	>TP53-T211I·NIFRHSVVVP	210	176
>TP53-T211I·NTFRHSVV	11	>TP53-T211I·NIFRHSVV	53	42
>TP53-T211I·NTFRHSVVV	8	>TP53-T211I·NIFRHSVVV	31	23
>TP53-T211I·NTFRHSVV	50	>TP53-T211I·NIFRHSVV	207	157
>TP53-T211I·NTFRHSVVV	25	>TP53-T211I·NIFRHSVVV	92	67
>TP53-T211I·NTFRHSVV	2415	>TP53-T211I·NIFRHSVV	330	2085
>TP53-T211I·NTFRHSVVV	2599	>TP53-T211I·NIFRHSVVV	337	2262
>TP53-T211I·NTFRHSVVVF	65	>TP53-T211I·NIFRHSVVVP	66	1
>TP53-T211I·NTFRHSVVVF	492	>TP53-T211I·NIFRHSVVVP	140	352
>TP53-T211I·NTFRHSVVVF	33	>TP53-T211I·NIFRHSVVVP	76	43
>TP53-T211I·NTFRHSVVVF	23	>TP53-T211I·NIFRHSVVVP	6494	6471
>TP53-T211I·NTFRHSVVVF	105	>TP53-T211I·NIFRHSVVVP	96	9
>TP53-T211I·NTFRHSVVVF	289	>TP53-T211I·NIFRHSVVVP	6226	5937
>TP53-T211I·NTFRHSVVVF	23	>TP53-T211I·NIFRHSVVVP	17	6
>TP53-T211I·RNTFRHSVV	224	>TP53-T211I·RNIFRHSVV	426	202
>TP53-T211I·LDDRNTFRHS	482	>TP53-T211I·LDDRNIFRHS	513	31
>TP53-T211I·YLDDRNTF	187	>TP53-T211I·YLDDRNIF	402	215
>TP53-T211I·YLDDRNTFRH	333	>TP53-T211I·YLDDRNIFRH	274	59
>TP53-T211I·YLDDRNTF	149	>TP53-T211I·YLDDRNIF	769	620
>TP53-T211I·YLDDRNTFR	1191	>TP53-T211I·YLDDRNIFR	471	720
>TP53-T211I·YLDDRNTFRH	800	>TP53-T211I·YLDDRNIFRH	292	508
>TP53-T211I·YLDDRNTFRH	155	>TP53-T211I·YLDDRNIFRH	117	38
>TP53-T211I·YLDDRNTF	367	>TP53-T211I·YLDDRNIF	1307	940
>TP53-T211I·YLDDRNTF	87	>TP53-T211I·YLDDRNIF	326	239
>TP53-T211I·YLDDRNTFR	189	>TP53-T211I·YLDDRNIFR	238	49

>TP53-T211I·YLDDRNTFRH	187	>TP53-T211I·YLDDRNI FRH	137	50
>TP53-T211I·YLDDRNTFRH	171	>TP53-T211I·YLDDRNI FRH	183	12
>TP53-T211I·YLDDRNTFR	282	>TP53-T211I·YLDDRNI FR	540	258
>TP53-T211I·YLDDRNTFR	55	>TP53-T211I·YLDDRNI FR	59	4
>TP53-T211I·YLDDRNTFR	68	>TP53-T211I·YLDDRNI FR	60	8
>TP53-T211I·YLDDRNTF	255	>TP53-T211I·YLDDRNI F	383	128
>TP53-T211I·YLDDRNTFR	336	>TP53-T211I·YLDDRNI FR	175	161
>TP53-T211I·EYLDDRNTF	103	>TP53-T211I·EYLDDRNI F	226	123
>TP53-T211I·EYLDDRNT	9548	>TP53-T211I·EYLDDRNI	298	9250
>TP53-T211I·EYLDDRNTF	18	>TP53-T211I·EYLDDRNI F	36	18
>TP53-T211I·EYLDDRNTF	381	>TP53-T211I·EYLDDRNI F	3176	2795
>TP53-T211I·EYLDDRNTF	301	>TP53-T211I·EYLDDRNI F	460	159
>TP53-T211I·EYLDDRNTFR	328	>TP53-T211I·EYLDDRNI FR	232	96
>TP53-T211I·EYLDDRNTFR	88	>TP53-T211I·EYLDDRNI FR	61	27
>TP53-T211I·EYLDDRNTFR	508	>TP53-T211I·EYLDDRNI FR	333	175
>TP53-T211I·EYLDDRNTFR	19	>TP53-T211I·EYLDDRNI FR	17	2
>TP53-T211I·VEYLDDRNT	6578	>TP53-T211I·VEYLDDRNI	35	6543
>TP53-T211I·VEYLDDRNTF	124	>TP53-T211I·VEYLDDRNI F	162	38
>TP53-T211I·VEYLDDRNT	3531	>TP53-T211I·VEYLDDRNI	119	3412
>TP53-T211I·VEYLDDRNTF	524	>TP53-T211I·VEYLDDRNI F	324	200
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>TP53-T211I·RVEYLDDRNT	40	>TP53-T211I·RVEYLDDRNI	199	159
>TP53-T211I·RVEYLDDRNT	78	>TP53-T211I·RVEYLDDRNI	100	22
>TP53-T211I·TFRHSVVPY	185	>TP53-T211I·NFRHSVVPY	319	134
>TP53-T211I·TFRHSVVV	139	>TP53-T211I·NFRHSVVV	1418	1279
>TP53-T211I·TFRHSVVPY	162	>TP53-T211I·NFRHSVVPY	1329	1167
>TP53-T211I·TFRHSVVPY	140	>TP53-T211I·NFRHSVVPY	199	59
>TP53-T211I·TFRHSVVPY	225	>TP53-T211I·NFRHSVVPY	184	41
>TP53-T211I·TFRHSVVPY	271	>TP53-T211I·NFRHSVVPY	397	126
>TP53-T211I·NTFRHSVV	382	>TP53-T211I·NNFRHSVV	12886	12504
>TP53-T211I·NTFRHSVV	309	>TP53-T211I·NNFRHSVV	12017	11708
>TP53-T211I·NTFRHSVVV	265	>TP53-T211I·NNFRHSVVV	11517	11252
>TP53-T211I·NTFRHSVVVF	128	>TP53-T211I·NNFRHSVVVI	12548	12420
>TP53-T211I·NTFRHSVVVF	97	>TP53-T211I·NNFRHSVVVI	14573	14476
>TP53-T211I·NTFRHSVVVF	123	>TP53-T211I·NNFRHSVVVI	11253	11130
>TP53-T211I·NTFRHSVVVF	82	>TP53-T211I·NNFRHSVVVI	1062	980
>TP53-T211I·NTFRHSVVV	412	>TP53-T211I·NNFRHSVVV	15124	14712
>TP53-T211I·NTFRHSVVVF	61	>TP53-T211I·NNFRHSVVVI	7128	7067
>TP53-T211I·NTFRHSVVVF	34	>TP53-T211I·NNFRHSVVVI	1667	1633
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>TP53-T211I·NTFRHSVV	50	>TP53-T211I·NNFRHSVV	8609	8559
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>TP53-T211MNTFRHSVVVF	65	>TP53-T211MNNFRHSVVVI	171	106
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>TP53-T211MNTFRHSVVVF	23	>TP53-T211MNNFRHSVVVI	18843	18820
>TP53-T211MNTFRHSVVVF	609	>TP53-T211MNNFRHSVVVI	398	211
>TP53-T211MNTFRHSVVVF	105	>TP53-T211MNNFRHSVVVI	338	233
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>TP53-T211MNTFRHSVVVF	23	>TP53-T211MNNFRHSVVVI	51	28
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>TP53-T211MLDDRNTFRHS	482	>TP53-T211MLDDRNNFRHS	823	341
>TP53-T211MYLDDRNTF	708	>TP53-T211MYLDDRNNF	444	264
>TP53-T211MYLDDRNTF	187	>TP53-T211MYLDDRNNF	320	133
>TP53-T211MYLDDRNTFRF	333	>TP53-T211MYLDDRNNFRF	477	144
>TP53-T211MYLDDRNTF	149	>TP53-T211MYLDDRNNF	469	320
>TP53-T211MYLDDRNTFRF	155	>TP53-T211MYLDDRNNFRF	170	15
>TP53-T211MYLDDRNTF	367	>TP53-T211MYLDDRNNF	1054	687
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>TP53-T211MYLDDRNTFR	189	>TP53-T211MYLDDRNNFR	673	484
>TP53-T211MYLDDRNTFRF	187	>TP53-T211MYLDDRNNFRF	426	239
>TP53-T211MYLDDRNTFRF	171	>TP53-T211MYLDDRNNFRF	229	58
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>TP53-T211MYLDDRNTF	255	>TP53-T211MYLDDRNNF	487	232
>TP53-T211MYLDDRNTFR	336	>TP53-T211MYLDDRNNFR	390	54
>TP53-T211MEYLDDRNTF	103	>TP53-T211MEYLDDRNNF	114	11
>TP53-T211MEYLDDRNTF	18	>TP53-T211MEYLDDRNNF	26	8
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>TP53-T211MEYLDDRNTF	301	>TP53-T211MEYLDDRNNF	184	117
>TP53-T211MEYLDDRNTFR	328	>TP53-T211MEYLDDRNNFF	317	11
>TP53-T211MEYLDDRNTFR	88	>TP53-T211MEYLDDRNNFF	106	18
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>TP53-T211MRVEYLDDRNT	40	>TP53-T211MRVEYLDDRNN	183	143
>TP53-T211MRVEYLDDRNT	78	>TP53-T211MRVEYLDDRNN	363	285
>TP53-T211PFRHSVVVPY	185	>TP53-T211PPFRHSVVVPY	454	269
>TP53-T211PFRHSVVV	139	>TP53-T211PPFRHSVVV	617	478
>TP53-T211PFRHSVVVPY	162	>TP53-T211PPFRHSVVVPY	619	457
>TP53-T211PFRHSVVVPY	140	>TP53-T211PPFRHSVVVPY	1929	1789
>TP53-T211PFRHSVVVPY	225	>TP53-T211PPFRHSVVVPY	1460	1235
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>TP53-T211PNTFRHSVV	382	>TP53-T211PNPFRHSVV	16148	15766
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>TP53-T211PNTFRHSVVV	265	>TP53-T211P NPFRHSVVV	13671	13406
>TP53-T211PNTFRHSVVVF	128	>TP53-T211P NPFRHSVVVF	18823	18695
>TP53-T211PNTFRHSVVVF	97	>TP53-T211P NPFRHSVVVF	15609	15512
>TP53-T211PNTFRHSVVVF	123	>TP53-T211P NPFRHSVVVF	5773	5650
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>TP53-T211PNTFRHSVVVF	61	>TP53-T211P NPFRHSVVVF	15260	15199
>TP53-T211PNTFRHSVVVF	34	>TP53-T211P NPFRHSVVVF	3044	3010
>TP53-T211PNTFRHSVV	11	>TP53-T211P NPFRHSVV	3015	3004
>TP53-T211PNTFRHSVVV	8	>TP53-T211P NPFRHSVVV	2149	2141
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>TP53-T211PNTFRHSVVV	25	>TP53-T211P NPFRHSVVV	1014	989
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>TP53-T211PNTFRHSVVV	19343	>TP53-T211P NPFRHSVVV	107	19236
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>TP53-T211PNTFRHSVVV	2599	>TP53-T211P NPFRHSVVV	175	2424
>TP53-T211PNTFRHSVVVF	65	>TP53-T211P NPFRHSVVVF	1851	1786
>TP53-T211PNTFRHSVVVF	492	>TP53-T211P NPFRHSVVVF	366	126
>TP53-T211PNTFRHSVVVF	33	>TP53-T211P NPFRHSVVVF	136	103
>TP53-T211PNTFRHSVVVF	23	>TP53-T211P NPFRHSVVVF	20990	20967
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>TP53-T211PNTFRHSVVV	13331	>TP53-T211P NPFRHSVVV	476	12855
>TP53-T211PNTFRHSVVVF	105	>TP53-T211P NPFRHSVVVF	8	97
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>TP53-T211PNTFRHSVVVF	21778	>TP53-T211P NPFRHSVVVF	225	21553
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>TP53-T211PNTFRHSVVVF	289	>TP53-T211P NPFRHSVVVF	9273	8984
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>TP53-T211PRNTRFRHSV	224	>TP53-T211P RNPFRRHSV	3591	3367
>TP53-T211PLDDRNTFRHS	482	>TP53-T211P LDDRNPFRHS	711	229
>TP53-T211PYLDDRNTF	708	>TP53-T211PYLDDRNP	423	285
>TP53-T211PYLDDRNTF	187	>TP53-T211PYLDDRNP	62	125
>TP53-T211PYLDDRNTFRF	333	>TP53-T211PYLDDRNPFRF	347	14
>TP53-T211PYLDDRNTF	149	>TP53-T211PYLDDRNP	172	23
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>TP53-T211PYLDDRNTFRF	800	>TP53-T211PYLDDRNPFRF	432	368
>TP53-T211PYLDDRNTFRF	155	>TP53-T211PYLDDRNPFRF	100	55
>TP53-T211PYLDDRNTF	367	>TP53-T211PYLDDRNP	453	86
>TP53-T211PYLDDRNTF	87	>TP53-T211PYLDDRNP	163	76
>TP53-T211PYLDDRNTFR	189	>TP53-T211PYLDDRNPFR	106	83
>TP53-T211PYLDDRNTFRF	187	>TP53-T211PYLDDRNPFRF	248	61

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>TP53-T211PYLDDRNTFR	55	>TP53-T211PYLDDRNPFR	147	92
>TP53-T211PYLDDRNTFR	68	>TP53-T211PYLDDRNPFR	99	31
>TP53-T211PYLDDRNTF	847	>TP53-T211PYLDDRNPFR	339	508
>TP53-T211PYLDDRNTF	255	>TP53-T211PYLDDRNPFR	191	64
>TP53-T211PYLDDRNTFR	336	>TP53-T211PYLDDRNPFR	333	3
>TP53-T211PEYLDDRNTF	103	>TP53-T211PEYLDDRNPFR	516	413
>TP53-T211PEYLDDRNTF	18	>TP53-T211PEYLDDRNPFR	52	34
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>TP53-T211PEYLDDRNTF	301	>TP53-T211PEYLDDRNPFR	134	167
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>TP53-T211PEYLDDRNTFR	88	>TP53-T211PEYLDDRNPFR	270	182
>TP53-T211PEYLDDRNTFR	19	>TP53-T211PEYLDDRNPFR	17	2
>TP53-T211PEYLDDRNTF	124	>TP53-T211PEYLDDRNPFR	81	43
>TP53-T211PRVEYLDDRNT	40	>TP53-T211PRVEYLDRNF	70	30
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>TP53-T211SFRHSVVVPY	185	>TP53-T211SFRHSVVVPY	196	11
>TP53-T211SFRHSVVV	139	>TP53-T211SFRHSVVV	28	111
>TP53-T211SFRHSVVVPY	162	>TP53-T211SFRHSVVVPY	34	128
>TP53-T211SFRHSVVVPY	1278	>TP53-T211SFRHSVVVPY	290	988
>TP53-T211SFRHSVVVPY	140	>TP53-T211SFRHSVVVPY	83	57
>TP53-T211SFRHSVVVPY	225	>TP53-T211SFRHSVVVPY	164	61
>TP53-T211SFRHSVVVPY	271	>TP53-T211SFRHSVVVPY	127	144
>TP53-T211SNTFRHSVV	382	>TP53-T211SNTFRHSVV	3396	3014
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>TP53-T211SNTFRHSVVV	265	>TP53-T211SNTFRHSVVV	4762	4497
>TP53-T211SNTFRHSVVVF	128	>TP53-T211SNTFRHSVVVF	313	185
>TP53-T211SNTFRHSVVVF	97	>TP53-T211SNTFRHSVVVF	4260	4163
>TP53-T211SNTFRHSVVVF	123	>TP53-T211SNTFRHSVVVF	869	746
>TP53-T211SNTFRHSVVVF	82	>TP53-T211SNTFRHSVVVF	363	281
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>TP53-T211SNTFRHSVVVF	61	>TP53-T211SNTFRHSVVVF	248	187
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>TP53-T211SNTFRHSVV	11	>TP53-T211SNTFRHSVV	65	54
>TP53-T211SNTFRHSVVV	8	>TP53-T211SNTFRHSVVV	37	29
>TP53-T211SNTFRHSVV	50	>TP53-T211SNTFRHSVV	1068	1018
>TP53-T211SNTFRHSVVV	25	>TP53-T211SNTFRHSVVV	551	526
>TP53-T211SNTFRHSVVVF	65	>TP53-T211SNTFRHSVVVF	57	8
>TP53-T211SNTFRHSVVVF	492	>TP53-T211SNTFRHSVVVF	791	299
>TP53-T211SNTFRHSVVV	798	>TP53-T211SNTFRHSVVV	262	536
>TP53-T211SNTFRHSVVVF	33	>TP53-T211SNTFRHSVVVF	12	21
>TP53-T211SNTFRHSVVVF	23	>TP53-T211SNTFRHSVVVF	32	9



>TP53-T211S NTFRHSVVVF	105	>TP53-T211S NSFRHSVVVF	55	50
>TP53-T211S NTFRHSVVVF	289	>TP53-T211S NSFRHSVVVF	820	531
>TP53-T211S NTFRHSVVVF	23	>TP53-T211S NSFRHSVVVF	40	17
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>TP53-T211S LDDRNTFRHS	482	>TP53-T211S LDDRNSFRHS	595	113
>TP53-T211S YLDDRNTF	708	>TP53-T211S YLDDRNSF	439	269
>TP53-T211S YLDDRNTF	187	>TP53-T211S YLDDRNSF	131	56
>TP53-T211S YLDDRNTFRH	333	>TP53-T211S YLDDRNSFRH	421	88
>TP53-T211S YLDDRNTF	149	>TP53-T211S YLDDRNSF	212	63
>TP53-T211S YLDDRNTFRH	155	>TP53-T211S YLDDRNSFRH	165	10
>TP53-T211S YLDDRNTF	367	>TP53-T211S YLDDRNSF	637	270
>TP53-T211S YLDDRNTF	87	>TP53-T211S YLDDRNSF	102	15
>TP53-T211S YLDDRNTFR	189	>TP53-T211S YLDDRNSFR	198	9
>TP53-T211S YLDDRNTFRH	187	>TP53-T211S YLDDRNSFRH	237	50
>TP53-T211S YLDDRNTFRH	171	>TP53-T211S YLDDRNSFRH	173	2
>TP53-T211S YLDDRNTFR	282	>TP53-T211S YLDDRNSFR	452	170
>TP53-T211S YLDDRNTFR	55	>TP53-T211S YLDDRNSFR	54	1
>TP53-T211S YLDDRNTFR	68	>TP53-T211S YLDDRNSFR	49	19
>TP53-T211S YLDDRNTF	847	>TP53-T211S YLDDRNSF	450	397
>TP53-T211S YLDDRNTF	255	>TP53-T211S YLDDRNSF	222	33
>TP53-T211S YLDDRNTFR	336	>TP53-T211S YLDDRNSFR	694	358
>TP53-T211S EYLDDRNTF	103	>TP53-T211S EYLDDRNSF	340	237
>TP53-T211S EYLDDRNTF	18	>TP53-T211S EYLDDRNSF	25	7
>TP53-T211S EYLDDRNTF	381	>TP53-T211S EYLDDRNSF	150	231
>TP53-T211S EYLDDRNTF	301	>TP53-T211S EYLDDRNSF	265	36
>TP53-T211S EYLDDRNTFR	328	>TP53-T211S EYLDDRNSFR	262	66
>TP53-T211S EYLDDRNTFR	88	>TP53-T211S EYLDDRNSFR	55	33
>TP53-T211S EYLDDRNTFR	508	>TP53-T211S EYLDDRNSFR	422	86
>TP53-T211S EYLDDRNTFR	19	>TP53-T211S EYLDDRNSFR	24	5
>TP53-T211S VEYLDDRNTF	622	>TP53-T211S VEYLDDRNSF	339	283
>TP53-T211S VEYLDDRNTF	124	>TP53-T211S VEYLDDRNSF	93	31
>TP53-T211S RVEYLDDRNT	40	>TP53-T211S RVEYLDDRNS	71	31
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>TP53-T230A TTIHYNMCM	102	>TP53-T230A ATIHYNMCM	2593	2491
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>TP53-T230A TTIHYNYM	1287	>TP53-T230A ATIHYNYM	264	1023
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>TP53-T230A TTIHYNYM	260	>TP53-T230A ATIHYNYM	861	601
>TP53-T230A CTTIHYNYM	116	>TP53-T230A CATIHYNYM	114	2
>TP53-T230A CTTIHYN	117	>TP53-T230A CATIHYN	5376	5259
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>TP53-T230A CTTIHYN	35	>TP53-T230A CATIHYN	166	131
>TP53-T230A CTTIHYN	130	>TP53-T230A CATIHYN	355	225
>TP53-T230A CTTIHYN	355	>TP53-T230A CATIHYN	2184	1829
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>TP53-T230A CTTIHYN	68	>TP53-T230A CATIHYN	228	160
>TP53-T230A CTTIHYNM	405	>TP53-T230A CATIHYNM	2094	1689
>TP53-T230A DCTTIHYN	521	>TP53-T230A DCATIHYN	203	318
>TP53-T230A DCTTIHYNM	585	>TP53-T230A DCATIHYNM	270	315
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>TP53-T230A DCTTIHYN	787	>TP53-T230A DCATIHYN	443	344
>TP53-T230A SDCTTIHYN	400	>TP53-T230A SDCATIHYN	441	41
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>TP53-T230A GSDCTTIH	18	>TP53-T230A GSDCATIH	27	9
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>TP53-T230A GSDCTTIHYN	174	>TP53-T230A GSDCATIHYN	207	33
>TP53-T230A GSDCTTIH	68	>TP53-T230A GSDCATIH	109	41
>TP53-T230A GSDCTTIHYN	99	>TP53-T230A GSDCATIHYN	144	45
>TP53-T230A GSDCTTIHYN	247	>TP53-T230A GSDCATIHYN	413	166
>TP53-T230A GSDCTTIH	242	>TP53-T230A GSDCATIH	274	32
>TP53-T230A GSDCTTIHYN	97	>TP53-T230A GSDCATIHYN	107	10
>TP53-T230A VGSDCTTIH	353	>TP53-T230A VGSDCATIH	381	28
>TP53-T230A VGSDCTTIH	184	>TP53-T230A VGSDCATIH	250	66
>TP53-T230A VGSDCTTIH	377	>TP53-T230A VGSDCATIH	513	136
>TP53-T230A VGSDCTTIH	449	>TP53-T230A VGSDCATIH	291	158
>TP53-T230A EVGSDCTTIH'	11	>TP53-T230A EVGSDCATIH	7	4
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>TP53-T230A EVGSDCTTIH'	387	>TP53-T230A EVGSDCATIH	328	59
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>TP53-T230I-GSDCTTIHYN	174	>TP53-T230I-GSDCITIHYN	113	61
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>TP53-T230I-GSDCTTIHYN	247	>TP53-T230I-GSDCITIHYN	208	39
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>TP53-T230I-GSDCTTIHYN	97	>TP53-T230I-GSDCITIHYN	127	30
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>TP53-T230I-EVGSDCTTIH'	387	>TP53-T230I-EVGSDCITIHY	238	149
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>TP53-T230M GSDCTTIHYN	174	>TP53-T230M GSDCNTIHYN	139	35
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>TP53-T230N VGSDCTTIHY	377	>TP53-T230N VGSDCNTIHY	533	156
>TP53-T230N VGSDCTTIHY	449	>TP53-T230N VGSDCNTIHY	425	24
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>TP53-T230N EVGSDCTTIH'	387	>TP53-T230N EVGSDCNTIH	346	41
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>TP53-T230P TTIHYNM	135	>TP53-T230P PTIHYNM	832	697
>TP53-T230P TTIHYNM	17	>TP53-T230P PTIHYNM	3820	3803
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>TP53-T230P CTTIHYN	161	>TP53-T230P CPTIHYN	12135	11974
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>TP53-T230P CTTIHYN	35	>TP53-T230P CPTIHYN	802	767
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>TP53-T230P GSDCTTIHYN	174	>TP53-T230P GSDCPTIHYN	213	39
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>TP53-T230P GSDCTTIHYN	97	>TP53-T230P GSDCPTIHYN	93	4
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>TP53-T230P EVGSDCTTIH'	75	>TP53-T230P EVGSDCPTIH'	76	1
>TP53-T230P EVGSDCTTIH'	387	>TP53-T230P EVGSDCPTIH'	301	86
>TP53-T230P EVGSDCTTI	504	>TP53-T230P EVGSDCPTI	81	423
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>TP53-T230P PEVGSDCTTI	342	>TP53-T230P PEVGSDCPTI	438	96
>TP53-T230S TTIHYNM	46	>TP53-T230S STIHYNM	23	23
>TP53-T230S TTIHYNM	1038	>TP53-T230S STIHYNM	425	613
>TP53-T230S TTIHYNM	1118	>TP53-T230S STIHYNM	448	670
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>TP53-T230S TTIHYNM	135	>TP53-T230S STIHYNM	274	139
>TP53-T230S TTIHYNM	17	>TP53-T230S STIHYNM	49	32
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>TP53-T230S TTIHYNMCM	102	>TP53-T230S STIHYNMCM	379	277
>TP53-T230S TTIHYNM	69	>TP53-T230S STIHYNM	119	50
>TP53-T230S TTIHYNM	61	>TP53-T230S STIHYNM	36	25
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>TP53-T230S CTTIHYN	35	>TP53-T230S CSTIHYN	118	83
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>TP53-T230S CTTIHYNMCM	184	>TP53-T230S CSTIHYNMCM	647	463
>TP53-T230S CTTIHYN	68	>TP53-T230S CSTIHYN	113	45
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>TP53-T230S DCTTIHYN	287	>TP53-T230S DCSTIHYN	184	103
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>TP53-T230S GSDCTTIHYN	99	>TP53-T230S GSDCSTIHYN	55	44
>TP53-T230S GSDCTTIHYN	247	>TP53-T230S GSDCSTIHYN	340	93
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>TP53-T230S VGSDCTTIHY	184	>TP53-T230S VGSDCSTIHY	211	27
>TP53-T230S VGSDCTTIHY	377	>TP53-T230S VGSDCSTIHY	250	127
>TP53-T230S VGSDCTTIHY	449	>TP53-T230S VGSDCSTIHY	298	151
>TP53-T230S VGSDCTTI	605	>TP53-T230S VGSDCSTI	439	166
>TP53-T230S EVGSDCTTIH'	11	>TP53-T230S EVGSDCSTIH'	7	4
>TP53-T230S EVGSDCTTIH'	75	>TP53-T230S EVGSDCSTIH'	48	27
>TP53-T230S EVGSDCTTIH'	387	>TP53-T230S EVGSDCSTIH'	415	28
>TP53-T230S EVGSDCTTIH'	612	>TP53-T230S EVGSDCSTIH'	452	160
>TP53-T230S EVGSDCTTIH'	326	>TP53-T230S EVGSDCSTIH'	364	38
>TP53-T230S PEVGSDCTTI	342	>TP53-T230S PEVGSDCSTI	337	5
>TP53-T231A TTIHYNMCMN'	2418	>TP53-T231A TTIHYNMCMN'	384	2034
>TP53-T231A TTIHYNM	46	>TP53-T231A TAIHYNM	98	52
>TP53-T231A TTIHYNM	46	>TP53-T231A TAIHYNM	1337	1291
>TP53-T231A TTIHYNM	5	>TP53-T231A TAIHYNM	109	104
>TP53-T231A TTIHYNM	135	>TP53-T231A TAIHYNM	4730	4595
>TP53-T231A TTIHYNM	17	>TP53-T231A TAIHYNM	126	109
>TP53-T231A TTIHYNMCM	120	>TP53-T231A TAIHYNMCM	1225	1105
>TP53-T231A TTIHYNMCMN	102	>TP53-T231A TAIHYNMCMN	1035	933
>TP53-T231A TTIHYNM	69	>TP53-T231A TAIHYNM	454	385
>TP53-T231A TTIHYNM	61	>TP53-T231A TAIHYNM	833	772
>TP53-T231A TTIHYNM	3817	>TP53-T231A TAIHYNM	340	3477
>TP53-T231A TTIHYNM	260	>TP53-T231A TAIHYNM	3395	3135
>TP53-T231A EPPEVGSDCT	7517	>TP53-T231A EPPEVGSDCT	491	7026
>TP53-T231A CTTIHYNM	116	>TP53-T231A CTAIHYNM	93	23
>TP53-T231A CTTIHYN	117	>TP53-T231A CTAIHYN	38	79
>TP53-T231A CTTIHYNM	754	>TP53-T231A CTAIHYNM	145	609
>TP53-T231A CTTIHYN	161	>TP53-T231A CTAIHYN	66	95
>TP53-T231A CTTIHYNM	207	>TP53-T231A CTAIHYNM	84	123
>TP53-T231A CTTIHYN	35	>TP53-T231A CTAIHYN	19	16
>TP53-T231A CTTIHYN	130	>TP53-T231A CTAIHYN	64	66
>TP53-T231A CTTIHYN	767	>TP53-T231A CTAIHYN	229	538
>TP53-T231A CTTIHYNM	1337	>TP53-T231A CTAIHYNM	165	1172
>TP53-T231A CTTIHYN	355	>TP53-T231A CTAIHYN	268	87
>TP53-T231A CTTIHYN	50	>TP53-T231A CTAIHYN	33	17
>TP53-T231A CTTIHYNM	11	>TP53-T231A CTAIHYNM	12	1
>TP53-T231A CTTIHYNMCM	184	>TP53-T231A CTAIHYNMCM	355	171

>TP53-T231A CTTIHYN Y	68	>TP53-T231A CTAIHYN Y	50	18
>TP53-T231A CTTIHYN YM	405	>TP53-T231A CTAIHYN YM	144	261
>TP53-T231A DCTTIHYN Y	287	>TP53-T231A DCTAIHYN Y	240	47
>TP53-T231A DCTTIHYN Y	902	>TP53-T231A DCTAIHYN Y	270	632
>TP53-T231A SDCTTIHYN Y	4518	>TP53-T231A SDCTAIHYN Y	489	4029
>TP53-T231A SDCTTIHYN Y	400	>TP53-T231A SDCTAIHYN Y	512	112
>TP53-T231A GSDCTTIH Y	18	>TP53-T231A GSDCTAIH Y	24	6
>TP53-T231A GSDCTTIH YN	34	>TP53-T231A GSDCTAIH YN	45	11
>TP53-T231A GSDCTTIH YN	174	>TP53-T231A GSDCTAIH YN	158	16
>TP53-T231A GSDCTTIH Y	68	>TP53-T231A GSDCTAIH Y	25	43
>TP53-T231A GSDCTTIH YN	99	>TP53-T231A GSDCTAIH YN	56	43
>TP53-T231A GSDCTTIH Y	535	>TP53-T231A GSDCTAIH Y	183	352
>TP53-T231A GSDCTTIH YN	247	>TP53-T231A GSDCTAIH YN	155	92
>TP53-T231A GSDCTTIH Y	242	>TP53-T231A GSDCTAIH Y	102	140
>TP53-T231A GSDCTTIH YN	97	>TP53-T231A GSDCTAIH YN	65	32
>TP53-T231A VGSDCTTIH Y	353	>TP53-T231A VGSDCTAIH Y	397	44
>TP53-T231A VGSDCTTIH Y	184	>TP53-T231A VGSDCTAIH Y	250	66
>TP53-T231A VGSDCTTIH Y	377	>TP53-T231A VGSDCTAIH Y	476	99
>TP53-T231A VGSDCTTIH Y	449	>TP53-T231A VGSDCTAIH Y	824	375
>TP53-T231A EVGSDCTTIH'	11	>TP53-T231A EVGSDCTAIH	13	2
>TP53-T231A EVGSDCTTIH'	75	>TP53-T231A EVGSDCTAIH	158	83
>TP53-T231A EVGSDCTTIH'	387	>TP53-T231A EVGSDCTAIH	382	5
>TP53-T231A EVGSDCTTI	504	>TP53-T231A EVGSDCTAI	384	120
>TP53-T231A EVGSDCTTIH'	326	>TP53-T231A EVGSDCTAIH	603	277
>TP53-T231A PEVGSDCTTI	342	>TP53-T231A PEVGSDCTAI	278	64
>TP53-T231I- TTIHYN YM	46	>TP53-T231I- TIIHYN YM	52	6
>TP53-T231I- TTIHYN YM	1038	>TP53-T231I- TIIHYN YM	210	828
>TP53-T231I- TTIHYN YM	1118	>TP53-T231I- TIIHYN YM	377	741
>TP53-T231I- TTIHYN YM	46	>TP53-T231I- TIIHYN YM	228	182
>TP53-T231I- TTIHYN YM	5	>TP53-T231I- TIIHYN YM	17	12
>TP53-T231I- TTIHYN YM	135	>TP53-T231I- TIIHYN YM	1881	1746
>TP53-T231I- TTIHYN YM	17	>TP53-T231I- TIIHYN YM	115	98
>TP53-T231I- TTIHYN YMC	120	>TP53-T231I- TIIHYN YMC	1028	908
>TP53-T231I- TTIHYN YMCN	102	>TP53-T231I- TIIHYN YMCN	803	701
>TP53-T231I- TTIHYN YM	69	>TP53-T231I- TIIHYN YM	303	234
>TP53-T231I- TTIHYN YM	61	>TP53-T231I- TIIHYN YM	11096	11035
>TP53-T231I- TTIHYN YM	260	>TP53-T231I- TIIHYN YM	5397	5137
>TP53-T231I- CTTIHYN YM	116	>TP53-T231I- CTIIHYN YM	27	89
>TP53-T231I- CTTIHYN Y	117	>TP53-T231I- CTIIHYN Y	842	725
>TP53-T231I- CTTIHYN Y	1373	>TP53-T231I- CTIIHYN Y	426	947
>TP53-T231I- CTTIHYN Y	2641	>TP53-T231I- CTIIHYN Y	274	2367
>TP53-T231I- CTTIHYN YM	754	>TP53-T231I- CTIIHYN YM	45	709
>TP53-T231I- CTTIHYN Y	161	>TP53-T231I- CTIIHYN Y	11	150



>TP53-T231I-CTTIHNYM	207	>TP53-T231I-CTIIHNYM	10	197
>TP53-T231I-CTTIHNY	3262	>TP53-T231I-CTIIHNY	236	3026
>TP53-T231I-CTTIHNY	35	>TP53-T231I-CTIIHNY	14	21
>TP53-T231I-CTTIHNY	130	>TP53-T231I-CTIIHNY	102	28
>TP53-T231I-CTTIHNY	767	>TP53-T231I-CTIIHNY	254	513
>TP53-T231I-CTTIHNYM	1337	>TP53-T231I-CTIIHNYM	358	979
>TP53-T231I-CTTIHNY	355	>TP53-T231I-CTIIHNY	316	39
>TP53-T231I-CTTIHNY	50	>TP53-T231I-CTIIHNY	16	34
>TP53-T231I-CTTIHNYM	1487	>TP53-T231I-CTIIHNYM	412	1075
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>TP53-T231I-CTTIHNYMC	184	>TP53-T231I-CTIIHNYMC	1369	1185
>TP53-T231I-CTTIHNY	68	>TP53-T231I-CTIIHNY	167	99
>TP53-T231I-CTTIHNYM	405	>TP53-T231I-CTIIHNYM	278	127
>TP53-T231I-DCTTIHNY	287	>TP53-T231I-DCTIIHNY	285	2
>TP53-T231I-SDCTTIHNY	400	>TP53-T231I-SDCTIIHNY	423	23
>TP53-T231I-SDCTTIHNY	1285	>TP53-T231I-SDCTIIHNY	467	818
>TP53-T231I-GSDCTTIHY	18	>TP53-T231I-GSDCTIIHY	34	16
>TP53-T231I-GSDCTTIHYN	34	>TP53-T231I-GSDCTIIHYN\	58	24
>TP53-T231I-GSDCTTIHYN	174	>TP53-T231I-GSDCTIIHYN\	252	78
>TP53-T231I-GSDCTTIHY	68	>TP53-T231I-GSDCTIIHY	51	17
>TP53-T231I-GSDCTTIHYN	99	>TP53-T231I-GSDCTIIHYN\	68	31
>TP53-T231I-GSDCTTIHYN	247	>TP53-T231I-GSDCTIIHYN\	274	27
>TP53-T231I-GSDCTTIHY	242	>TP53-T231I-GSDCTIIHY	317	75
>TP53-T231I-GSDCTTIHYN	97	>TP53-T231I-GSDCTIIHYN\	112	15
>TP53-T231I-VGSDCTTIHY	353	>TP53-T231I-VGSDCTIIHY	455	102
>TP53-T231I-VGSDCTTIHY	184	>TP53-T231I-VGSDCTIIHY	480	296
>TP53-T231I-VGSDCTTIHY	377	>TP53-T231I-VGSDCTIIHY	543	166
>TP53-T231I-VGSDCTTIHY	449	>TP53-T231I-VGSDCTIIHY	721	272
>TP53-T231I-EVGSDCCTIHY	11	>TP53-T231I-EVGSDCCTIIHY	9	2
>TP53-T231I-EVGSDCCTIHY	75	>TP53-T231I-EVGSDCCTIIHY	201	126
>TP53-T231I-EVGSDCCTIHY	387	>TP53-T231I-EVGSDCCTIIHY	635	248
>TP53-T231I-EVGSDCCTIHY	326	>TP53-T231I-EVGSDCCTIIHY	865	539
>TP53-T231I-PEVGSDCCTI	11826	>TP53-T231I-PEVGSDCCTI	250	11576
>TP53-T231I-PEVGSDCCTI	342	>TP53-T231I-PEVGSDCCTII	339	3
>TP53-T231I\TTIIHNYM	46	>TP53-T231I\TNIHNYM	36	10
>TP53-T231I\TTIIHNYM	46	>TP53-T231I\TNIHNYM	8828	8782
>TP53-T231I\TTIIHNYM	5	>TP53-T231I\TNIHNYM	1012	1007
>TP53-T231I\TTIIHNYM	135	>TP53-T231I\TNIHNYM	5190	5055
>TP53-T231I\TTIIHNYM	17	>TP53-T231I\TNIHNYM	1982	1965
>TP53-T231I\TTIIHNYMC	120	>TP53-T231I\TNIHNYMC	8406	8286
>TP53-T231I\TTIIHNYMCI	102	>TP53-T231I\TNIHNYMCI	6588	6486
>TP53-T231I\TTIIHNYM	69	>TP53-T231I\TNIHNYM	8756	8687
>TP53-T231I\TTIIHNYM	61	>TP53-T231I\TNIHNYM	21443	21382

>TP53-T231N TTIHYNYM	260	>TP53-T231N TNIHYNYM	4708	4448
>TP53-T231N CTTIHYNYM	116	>TP53-T231N CTNIHYNYM	101	15
>TP53-T231N CTTIHYNY	117	>TP53-T231N CTNIHYNY	48	69
>TP53-T231N CTTIHYNY	1373	>TP53-T231N CTNIHYNY	420	953
>TP53-T231N CTTIHYNY	161	>TP53-T231N CTNIHYNY	416	255
>TP53-T231N CTTIHYNYM	207	>TP53-T231N CTNIHYNYM	510	303
>TP53-T231N CTTIHYNY	35	>TP53-T231N CTNIHYNY	41	6
>TP53-T231N CTTIHYNY	130	>TP53-T231N CTNIHYNY	69	61
>TP53-T231N CTTIHYNY	355	>TP53-T231N CTNIHYNY	292	63
>TP53-T231N CTTIHYNY	50	>TP53-T231N CTNIHYNY	51	1
>TP53-T231N CTTIHYNYM	11	>TP53-T231N CTNIHYNYM	61	50
>TP53-T231N CTTIHYNYM	184	>TP53-T231N CTNIHYNYM	1382	1198
>TP53-T231N CTTIHYNY	68	>TP53-T231N CTNIHYNY	64	4
>TP53-T231N CTTIHYNYM	405	>TP53-T231N CTNIHYNYM	527	122
>TP53-T231N DCTTIHYN	287	>TP53-T231N DCTNIHYN	279	8
>TP53-T231N SDCTTIHYN	400	>TP53-T231N SDCTNIHYN	568	168
>TP53-T231N GSDCTTIHY	18	>TP53-T231N GSDCTNIHY	17	1
>TP53-T231N GSDCTTIHYN	34	>TP53-T231N GSDCTNIHYN	34	0
>TP53-T231N GSDCTTIHYN	174	>TP53-T231N GSDCTNIHYN	240	66
>TP53-T231N GSDCTTIHY	68	>TP53-T231N GSDCTNIHY	83	15
>TP53-T231N GSDCTTIHYN	99	>TP53-T231N GSDCTNIHYN	108	9
>TP53-T231N GSDCTTIHY	535	>TP53-T231N GSDCTNIHY	279	256
>TP53-T231N GSDCTTIHYN	247	>TP53-T231N GSDCTNIHYN	155	92
>TP53-T231N GSDCTTIHY	242	>TP53-T231N GSDCTNIHY	272	30
>TP53-T231N GSDCTTIHYN	97	>TP53-T231N GSDCTNIHYN	108	11
>TP53-T231N VGSDCTTIHY	353	>TP53-T231N VGSDCTNIHY	524	171
>TP53-T231N VGSDCTTIHY	184	>TP53-T231N VGSDCTNIHY	319	135
>TP53-T231N VGSDCTTIHY	642	>TP53-T231N VGSDCTNIHY	325	317
>TP53-T231N VGSDCTTIHY	377	>TP53-T231N VGSDCTNIHY	565	188
>TP53-T231N VGSDCTTIHY	449	>TP53-T231N VGSDCTNIHY	679	230
>TP53-T231N EVGSDCTTIH'	11	>TP53-T231N EVGSDCTNIH	14	3
>TP53-T231N EVGSDCTTIH'	75	>TP53-T231N EVGSDCTNIH	99	24
>TP53-T231N EVGSDCTTIH'	387	>TP53-T231N EVGSDCTNIH	595	208
>TP53-T231N EVGSDCTTI	504	>TP53-T231N EVGSDCTNI	366	138
>TP53-T231N EVGSDCTTIH'	326	>TP53-T231N EVGSDCTNIH	927	601
>TP53-T231N PEVSDCTTI	342	>TP53-T231N PEVSDCTNI	529	187
>TP53-T231S TTIHYNYM	46	>TP53-T231S TSIHYNYM	16	30
>TP53-T231S TTIHYNYM	46	>TP53-T231S TSIHYNYM	1513	1467
>TP53-T231S TTIHYNYM	5	>TP53-T231S TSIHYNYM	18	13
>TP53-T231S TTIHYNYM	135	>TP53-T231S TSIHYNYM	1432	1297
>TP53-T231S TTIHYNYM	17	>TP53-T231S TSIHYNYM	146	129
>TP53-T231S TTIHYNYM	120	>TP53-T231S TSIHYNYM	1447	1327
>TP53-T231S TTIHYNYM	102	>TP53-T231S TSIHYNYM	1192	1090

>TP53-T231S TTIHYNYM	69	>TP53-T231S TSIHYNYM	1486	1417
>TP53-T231S TTIHYNYM	1287	>TP53-T231S TSIHYNYM	399	888
>TP53-T231S TTIHYNYM	61	>TP53-T231S TSIHYNYM	103	42
>TP53-T231S TTIHYNYM	838	>TP53-T231S TSIHYNYM	398	440
>TP53-T231S TTIHYNYM	260	>TP53-T231S TSIHYNYM	190	70
>TP53-T231S CTTIHYNYM	116	>TP53-T231S CTSIHYNYM	176	60
>TP53-T231S CTTIHYN	117	>TP53-T231S CTSIHYN	29	88
>TP53-T231S CTTIHYN	1373	>TP53-T231S CTSIHYN	445	928
>TP53-T231S CTTIHYN	161	>TP53-T231S CTSIHYN	482	321
>TP53-T231S CTTIHYNYM	207	>TP53-T231S CTSIHYNYM	570	363
>TP53-T231S CTTIHYN	35	>TP53-T231S CTSIHYN	29	6
>TP53-T231S CTTIHYN	130	>TP53-T231S CTSIHYN	69	61
>TP53-T231S CTTIHYN	355	>TP53-T231S CTSIHYN	444	89
>TP53-T231S CTTIHYN	50	>TP53-T231S CTSIHYN	38	12
>TP53-T231S CTTIHYNYM	11	>TP53-T231S CTSIHYNYM	30	19
>TP53-T231S CTTIHYNMCMC	184	>TP53-T231S CTSIHYNMCMC	680	496
>TP53-T231S CTTIHYN	68	>TP53-T231S CTSIHYN	56	12
>TP53-T231S CTTIHYNYM	405	>TP53-T231S CTSIHYNYM	310	95
>TP53-T231S DCTTIHYN	521	>TP53-T231S DCTSIHYN	481	40
>TP53-T231S DCTTIHYN	287	>TP53-T231S DCTSIHYN	164	123
>TP53-T231S SDCTTIHYN	400	>TP53-T231S SDCTSIHYN	471	71
>TP53-T231S GSDCTTIH	18	>TP53-T231S GSDCTSIH	23	5
>TP53-T231S GSDCTTIHYN	34	>TP53-T231S GSDCTSIHYN	41	7
>TP53-T231S GSDCTTIHYN	174	>TP53-T231S GSDCTSIHYN	174	0
>TP53-T231S GSDCTTIH	68	>TP53-T231S GSDCTSIH	29	39
>TP53-T231S GSDCTTIHYN	99	>TP53-T231S GSDCTSIHYN	63	36
>TP53-T231S GSDCTTIH	535	>TP53-T231S GSDCTSIH	239	296
>TP53-T231S GSDCTTIHYN	247	>TP53-T231S GSDCTSIHYN	136	111
>TP53-T231S GSDCTTIH	242	>TP53-T231S GSDCTSIH	217	25
>TP53-T231S GSDCTTIHYN	97	>TP53-T231S GSDCTSIHYN	92	5
>TP53-T231S VGSDCTTIH	353	>TP53-T231S VGSDCTSIH	454	101
>TP53-T231S VGSDCTTIH	184	>TP53-T231S VGSDCTSIH	297	113
>TP53-T231S VGSDCTTIH	377	>TP53-T231S VGSDCTSIH	262	115
>TP53-T231S VGSDCTTIH	1591	>TP53-T231S VGSDCTSIH	232	1359
>TP53-T231S VGSDCTTIH	449	>TP53-T231S VGSDCTSIH	233	216
>TP53-T231S EVGSDCTTIH'	11	>TP53-T231S EVGSDCTSIH'	17	6
>TP53-T231S EVGSDCTTIH'	75	>TP53-T231S EVGSDCTSIH'	156	81
>TP53-T231S EVGSDCTTIH'	387	>TP53-T231S EVGSDCTSIH'	468	81
>TP53-T231S EVGSDCTTI	504	>TP53-T231S EVGSDCTSI	442	62
>TP53-T231S EVGSDCTTIH'	326	>TP53-T231S EVGSDCTSIH'	577	251
>TP53-T231S PEVGSDCTTI	342	>TP53-T231S PEVGSDCTSI	251	91
>TP53-T253A ILTIITILE	2676	>TP53-T253A ILAIITILE	417	2259
>TP53-T253A ILTIITLEDSS	1325	>TP53-T253A ILAIITLEDSS	181	1144

>TP53-T253A PILTIITL	508	>TP53-T253A PILAIITL	254	254
>TP53-T253A PILTIITL	906	>TP53-T253A PILAIITL	494	412
>TP53-T253A RPILTIITL	104	>TP53-T253A RPILAIITL	5	99
>TP53-T253A RPILTIITL	34	>TP53-T253A RPILAIITL	32	2
>TP53-T253A RPILTIITL	391	>TP53-T253A RPILAIITL	187	204
>TP53-T253A RPILTIITL	66	>TP53-T253A RPILAIITL	122	56
>TP53-T253A RPILTIITL	89	>TP53-T253A RPILAIITL	52	37
>TP53-T253A RRPILTII	220	>TP53-T253A RRPILAI	191	29
>TP53-T253A RRPILTIITL	14	>TP53-T253A RRPILAIITL	25	11
>TP53-T253A RRPILTIITL	492	>TP53-T253A RRPILAIITL	457	35
>TP53-T253A RRPILTII	33	>TP53-T253A RRPILAI	57	24
>TP53-T253A RRPILTIIT	86	>TP53-T253A RRPILAIIT	99	13
>TP53-T253A RRPILTIITL	16	>TP53-T253A RRPILAIITL	18	2
>TP53-T253A RRPILTIITL	129	>TP53-T253A RRPILAIITL	144	15
>TP53-T253A RRPILTII	319	>TP53-T253A RRPILAI	583	264
>TP53-T253A RRPILTIIT	329	>TP53-T253A RRPILAIIT	472	143
>TP53-T253A RRPILTIITL	14	>TP53-T253A RRPILAIITL	18	4
>TP53-T253A RRPILTIITL	467	>TP53-T253A RRPILAIITL	547	80
>TP53-T253A NRRPILTII	281	>TP53-T253A NRRPILAI	414	133
>TP53-T253A NRRPILTIITL	50	>TP53-T253A NRRPILAIITL	64	14
>TP53-T253A NRRPILTII	224	>TP53-T253A NRRPILAI	193	31
>TP53-T253A NRRPILTIITL	12	>TP53-T253A NRRPILAIITL	12	0
>TP53-T253A MNRRPILT	945	>TP53-T253A MNRRPILA	32	913
>TP53-T253A MNRRPILTI	35	>TP53-T253A MNRRPILAI	37	2
>TP53-T253A MNRRPILTII	200	>TP53-T253A MNRRPILAI	50	150
>TP53-T253A MNRRPILTI	457	>TP53-T253A MNRRPILAI	205	252
>TP53-T253A MNRRPILTI	399	>TP53-T253A MNRRPILAI	1079	680
>TP53-T253A GMNRRPILTI	185	>TP53-T253A GMNRRPILAI	254	69
>TP53-T253A GMNRRPILTI	168	>TP53-T253A GMNRRPILAI	170	2
>TP53-T253A GMNRRPILT	728	>TP53-T253A GMNRRPILA	44	684
>TP53-T253A GMNRRPILTI	61	>TP53-T253A GMNRRPILAI	76	15
>TP53-T253A GMNRRPILTI	13	>TP53-T253A GMNRRPILAI	14	1
>TP53-T253A GMNRRPILT	822	>TP53-T253A GMNRRPILA	116	706
>TP53-T253A GMNRRPILTI	10	>TP53-T253A GMNRRPILAI	13	3
>TP53-T253A GMNRRPILTI	93	>TP53-T253A GMNRRPILAI	55	38
>TP53-T253A GMNRRPILTI	21	>TP53-T253A GMNRRPILAI	28	7
>TP53-T253A GMNRRPILTI	53	>TP53-T253A GMNRRPILAI	24	29
>TP53-T253A GMNRRPILT	4760	>TP53-T253A GMNRRPILA	468	4292
>TP53-T253A GMNRRPILTI	66	>TP53-T253A GMNRRPILAI	168	102
>TP53-T253A GMNRRPILTI	192	>TP53-T253A GMNRRPILAI	208	16
>TP53-T253A GMNRRPILT	744	>TP53-T253A GMNRRPILA	125	619
>TP53-T253A GMNRRPILTI	43	>TP53-T253A GMNRRPILAI	95	52
>TP53-T253A GMNRRPILTI	102	>TP53-T253A GMNRRPILAI	83	19

>TP53-T253A GMNRRPILTI	147	>TP53-T253A GMNRRPILAI	290	143
>TP53-T253A GMNRRPILTI	844	>TP53-T253A GMNRRPILAI	494	350
>TP53-T253I- PILTIITL	508	>TP53-T253I- PILIITL	352	156
>TP53-T253I- RPILTIITL	104	>TP53-T253I- RPILIIITL	138	34
>TP53-T253I- RPILTIITL	34	>TP53-T253I- RPILIIITL	61	27
>TP53-T253I- RPILTIITL	391	>TP53-T253I- RPILIIITL	251	140
>TP53-T253I- RPILTIITL	66	>TP53-T253I- RPILIIITL	160	94
>TP53-T253I- RPILTIITL	89	>TP53-T253I- RPILIIITL	79	10
>TP53-T253I- RPILTIITL	671	>TP53-T253I- RPILIIITL	390	281
>TP53-T253I- RRPILTII	220	>TP53-T253I- RRPILIII	142	78
>TP53-T253I- RRPILTIITL	14	>TP53-T253I- RRPILIIITL	14	0
>TP53-T253I- RRPILTIITL	492	>TP53-T253I- RRPILIIITL	290	202
>TP53-T253I- RRPILTII	33	>TP53-T253I- RRPILIII	45	12
>TP53-T253I- RRPILTIIT	86	>TP53-T253I- RRPILIIIT	76	10
>TP53-T253I- RRPILTIITL	16	>TP53-T253I- RRPILIIITL	16	0
>TP53-T253I- RRPILTIITLE	129	>TP53-T253I- RRPILIIITLE	122	7
>TP53-T253I- RRPILTII	319	>TP53-T253I- RRPILIII	313	6
>TP53-T253I- RRPILTIIT	329	>TP53-T253I- RRPILIIIT	199	130
>TP53-T253I- RRPILTIITL	14	>TP53-T253I- RRPILIIITL	13	1
>TP53-T253I- RRPILTIITLE	467	>TP53-T253I- RRPILIIITLE	339	128
>TP53-T253I- NRRPILTII	281	>TP53-T253I- NRRPILIII	191	90
>TP53-T253I- NRRPILTIITL	50	>TP53-T253I- NRRPILIIITL	43	7
>TP53-T253I- NRRPILTII	224	>TP53-T253I- NRRPILIII	103	121
>TP53-T253I- NRRPILTIITL	12	>TP53-T253I- NRRPILIIITL	8	4
>TP53-T253I- MNRRPILT	945	>TP53-T253I- MNRRPILI	33	912
>TP53-T253I- MNRRPILTI	35	>TP53-T253I- MNRRPILII	49	14
>TP53-T253I- MNRRPILTII	200	>TP53-T253I- MNRRPILIII	41	159
>TP53-T253I- MNRRPILTI	457	>TP53-T253I- MNRRPILII	706	249
>TP53-T253I- MNRRPILTI	399	>TP53-T253I- MNRRPILII	825	426
>TP53-T253I- GMNRRPILT	6990	>TP53-T253I- GMNRRPILI	472	6518
>TP53-T253I- GMNRRPILTI	185	>TP53-T253I- GMNRRPILII	548	363
>TP53-T253I- GMNRRPILTI	168	>TP53-T253I- GMNRRPILIII	313	145
>TP53-T253I- GMNRRPILT	728	>TP53-T253I- GMNRRPILI	34	694
>TP53-T253I- GMNRRPILTI	61	>TP53-T253I- GMNRRPILII	164	103
>TP53-T253I- GMNRRPILTI	13	>TP53-T253I- GMNRRPILIII	27	14
>TP53-T253I- GMNRRPILT	822	>TP53-T253I- GMNRRPILI	31	791
>TP53-T253I- GMNRRPILTI	10	>TP53-T253I- GMNRRPILII	50	40
>TP53-T253I- GMNRRPILTI	93	>TP53-T253I- GMNRRPILIII	55	38
>TP53-T253I- GMNRRPILT	7282	>TP53-T253I- GMNRRPILI	80	7202
>TP53-T253I- GMNRRPILTI	21	>TP53-T253I- GMNRRPILII	72	51
>TP53-T253I- GMNRRPILTI	53	>TP53-T253I- GMNRRPILIII	31	22
>TP53-T253I- GMNRRPILT	4760	>TP53-T253I- GMNRRPILI	165	4595
>TP53-T253I- GMNRRPILTI	66	>TP53-T253I- GMNRRPILII	207	141

>TP53-T253I-GMNRRPILTI	192	>TP53-T253I-GMNRRPILIII	140	52
>TP53-T253I-GMNRRPILT	744	>TP53-T253I-GMNRRPILI	119	625
>TP53-T253I-GMNRRPILTI	43	>TP53-T253I-GMNRRPILII	131	88
>TP53-T253I-GMNRRPILTI	102	>TP53-T253I-GMNRRPILIII	115	13
>TP53-T253I-GMNRRPILTI	147	>TP53-T253I-GMNRRPILII	970	823
>TP53-T253N P ILTIITL	508	>TP53-T253N PILNIITL	178	330
>TP53-T253N RPILTIITL	104	>TP53-T253N RPILNIITL	33	71
>TP53-T253N RPILTIITL	34	>TP53-T253N RPILNIITL	31	3
>TP53-T253N RPILTIITL	391	>TP53-T253N RPILNIITL	478	87
>TP53-T253N RPILTIITL	66	>TP53-T253N RPILNIITL	154	88
>TP53-T253N RPILTIITL	89	>TP53-T253N RPILNIITL	288	199
>TP53-T253N RRPILTII	220	>TP53-T253N RRPILNII	458	238
>TP53-T253N RRPILTIITL	14	>TP53-T253N RRPILNIITL	18	4
>TP53-T253N RRPILTIITL	492	>TP53-T253N RRPILNIITL	1105	613
>TP53-T253N RRPILTII	33	>TP53-T253N RRPILNII	110	77
>TP53-T253N RRPILTIIT	86	>TP53-T253N RRPILNIIT	104	18
>TP53-T253N RRPILTIITL	16	>TP53-T253N RRPILNIITL	16	0
>TP53-T253N RRPILTIITL	129	>TP53-T253N RRPILNIITL	162	33
>TP53-T253N RRPILTII	319	>TP53-T253N RRPILNII	824	505
>TP53-T253N RRPILTIIT	329	>TP53-T253N RRPILNIIT	718	389
>TP53-T253N RRPILTIITL	14	>TP53-T253N RRPILNIITL	16	2
>TP53-T253N RRPILTIITL	467	>TP53-T253N RRPILNIITL	671	204
>TP53-T253N RRPILTII	281	>TP53-T253N RRPILNII	412	131
>TP53-T253N RRPILTIITL	50	>TP53-T253N RRPILNIITL	62	12
>TP53-T253N RRPILTII	224	>TP53-T253N RRPILNII	130	94
>TP53-T253N RRPILTIITL	12	>TP53-T253N RRPILNIITL	11	1
>TP53-T253N MNRRPILTI	35	>TP53-T253N MNRRPILNI	39	4
>TP53-T253N MNRRPILTII	200	>TP53-T253N MNRRPILNII	70	130
>TP53-T253N MNRRPILTI	457	>TP53-T253N MNRRPILNI	662	205
>TP53-T253N MNRRPILTI	399	>TP53-T253N MNRRPILNI	1372	973
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>TP53-T253N GMNRRPILTI	168	>TP53-T253N GMNRRPILNI	157	11
>TP53-T253N GMNRRPILTI	61	>TP53-T253N GMNRRPILNI	94	33
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>TP53-T253N GMNRRPILTI	10	>TP53-T253N GMNRRPILNI	23	13
>TP53-T253N GMNRRPILTI	93	>TP53-T253N GMNRRPILNI	127	34
>TP53-T253N GMNRRPILTI	21	>TP53-T253N GMNRRPILNI	57	36
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>TP53-T253N GMNRRPILTI	66	>TP53-T253N GMNRRPILNI	99	33
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>TP53-T253N GMNRRPILTI	43	>TP53-T253N GMNRRPILNI	84	41
>TP53-T253N GMNRRPILTI	102	>TP53-T253N GMNRRPILNI	198	96
>TP53-T253N GMNRRPILTI	147	>TP53-T253N GMNRRPILNI	760	613

>TP53-T253P LTIITLEDSS	27733	>TP53-T253P LPIITLEDSS	454	27279
>TP53-T253P LTIITLEDSSG	24458	>TP53-T253P LPIITLEDSSG	404	24054
>TP53-T253P PILTIITL	508	>TP53-T253P PILPIITL	190	318
>TP53-T253P PILTIITL	906	>TP53-T253P PILPIITL	228	678
>TP53-T253P RPILTIITL	104	>TP53-T253P RPILPIITL	336	232
>TP53-T253P RPILTIITL	34	>TP53-T253P RPILPIITL	21	13
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>TP53-T253P RPILTIITL	66	>TP53-T253P RPILPIITL	289	223
>TP53-T253P RPILTIITL	89	>TP53-T253P RPILPIITL	108	19
>TP53-T253P RRPILTII	220	>TP53-T253P RRPILPII	335	115
>TP53-T253P RRPILTIITL	14	>TP53-T253P RRPILPIITL	17	3
>TP53-T253P RRPILTIITL	492	>TP53-T253P RRPILPIITL	891	399
>TP53-T253P RRPILTII	33	>TP53-T253P RRPILPII	63	30
>TP53-T253P RRPILTIIT	86	>TP53-T253P RRPILPIIT	101	15
>TP53-T253P RRPILTIITL	16	>TP53-T253P RRPILPIITL	17	1
>TP53-T253P RRPILTIITLE	129	>TP53-T253P RRPILPIITLE	148	19
>TP53-T253P RRPILTII	319	>TP53-T253P RRPILPII	921	602
>TP53-T253P RRPILTIIT	329	>TP53-T253P RRPILPIIT	367	38
>TP53-T253P RRPILTIITL	14	>TP53-T253P RRPILPIITL	18	4
>TP53-T253P RRPILTIITLE	467	>TP53-T253P RRPILPIITLE	430	37
>TP53-T253P NRRPILTI	674	>TP53-T253P NRRPILPI	210	464
>TP53-T253P NRRPILTII	281	>TP53-T253P NRRPILPII	269	12
>TP53-T253P NRRPILTIITL	50	>TP53-T253P NRRPILPIITL	50	0
>TP53-T253P NRRPILTI	1150	>TP53-T253P NRRPILPI	375	775
>TP53-T253P NRRPILTII	224	>TP53-T253P NRRPILPII	114	110
>TP53-T253P NRRPILTIIT	876	>TP53-T253P NRRPILPIIT	464	412
>TP53-T253P NRRPILTIITL	12	>TP53-T253P NRRPILPIITL	13	1
>TP53-T253P MNRRPILTI	35	>TP53-T253P MNRRPILPI	16	19
>TP53-T253P MNRRPILTII	200	>TP53-T253P MNRRPILPII	28	172
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>TP53-T253P MNRRPILTI	399	>TP53-T253P MNRRPILPI	1008	609
>TP53-T253P GMNRRPILTI	755	>TP53-T253P GMNRRPILPI	398	357
>TP53-T253P GMNRRPILTI	185	>TP53-T253P GMNRRPILPI	137	48
>TP53-T253P GMNRRPILTI	168	>TP53-T253P GMNRRPILPI	388	220
>TP53-T253P GMNRRPILTI	61	>TP53-T253P GMNRRPILPI	70	9
>TP53-T253P GMNRRPILTI	13	>TP53-T253P GMNRRPILPI	25	12
>TP53-T253P GMNRRPILTI	10	>TP53-T253P GMNRRPILPI	13	3
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>TP53-T253P GMNRRPILTI	21	>TP53-T253P GMNRRPILPI	24	3
>TP53-T253P GMNRRPILTI	53	>TP53-T253P GMNRRPILPI	37	16
>TP53-T253P GMNRRPILTI	66	>TP53-T253P GMNRRPILPI	76	10
>TP53-T253P GMNRRPILTI	192	>TP53-T253P GMNRRPILPI	75	117
>TP53-T253P GMNRRPILTI	43	>TP53-T253P GMNRRPILPI	88	45

>TP53-T253P GMNRRPILTI	102	>TP53-T253P GMNRRPILPI	70	32
>TP53-T253P GMNRRPILTI	147	>TP53-T253P GMNRRPILPI	251	104
>TP53-T253S ILTIITLEDSS	1325	>TP53-T253S ILSIITLEDSS	294	1031
>TP53-T253S PILTIITL	508	>TP53-T253S PILSIITL	278	230
>TP53-T253S RPILTIITL	104	>TP53-T253S RPILSIITL	37	67
>TP53-T253S RPILTIITL	34	>TP53-T253S RPILSIITL	27	7
>TP53-T253S RPILTIITL	391	>TP53-T253S RPILSIITL	376	15
>TP53-T253S RPILTIITL	66	>TP53-T253S RPILSIITL	101	35
>TP53-T253S RPILTIITL	89	>TP53-T253S RPILSIITL	71	18
>TP53-T253S RRPILTII	220	>TP53-T253S RRPILSII	284	64
>TP53-T253S RRPILTIITL	14	>TP53-T253S RRPILSIITL	19	5
>TP53-T253S RRPILTIITL	492	>TP53-T253S RRPILSIITL	541	49
>TP53-T253S RRPILTII	33	>TP53-T253S RRPILSII	112	79
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>TP53-T253S RRPILTIITL	16	>TP53-T253S RRPILSIITL	16	0
>TP53-T253S RRPILTIITL	129	>TP53-T253S RRPILSIITL	188	59
>TP53-T253S RRPILTII	319	>TP53-T253S RRPILSII	609	290
>TP53-T253S RRPILTIIT	329	>TP53-T253S RRPILSIIT	811	482
>TP53-T253S RRPILTIITL	14	>TP53-T253S RRPILSIITL	18	4
>TP53-T253S RRPILTIITL	467	>TP53-T253S RRPILSIITL	755	288
>TP53-T253S NRRPILTII	281	>TP53-T253S NRRPILSII	256	25
>TP53-T253S NRRPILTIITL	50	>TP53-T253S NRRPILSIITL	57	7
>TP53-T253S NRRPILTII	224	>TP53-T253S NRRPILSII	81	143
>TP53-T253S NRRPILTIITL	12	>TP53-T253S NRRPILSIITL	11	1
>TP53-T253S MNRRPILT	945	>TP53-T253S MNRRPILS	424	521
>TP53-T253S MNRRPILTI	35	>TP53-T253S MNRRPILSI	27	8
>TP53-T253S MNRRPILTII	200	>TP53-T253S MNRRPILSII	84	116
>TP53-T253S MNRRPILTI	457	>TP53-T253S MNRRPILSI	263	194
>TP53-T253S MNRRPILTI	399	>TP53-T253S MNRRPILSI	407	8
>TP53-T253S GMNRRPILTI	185	>TP53-T253S GMNRRPILSI	175	10
>TP53-T253S GMNRRPILTI	168	>TP53-T253S GMNRRPILSII	222	54
>TP53-T253S GMNRRPILTI	61	>TP53-T253S GMNRRPILSI	54	7
>TP53-T253S GMNRRPILTI	13	>TP53-T253S GMNRRPILSII	13	0
>TP53-T253S GMNRRPILTI	10	>TP53-T253S GMNRRPILSI	14	4
>TP53-T253S GMNRRPILTI	93	>TP53-T253S GMNRRPILSII	73	20
>TP53-T253S GMNRRPILTI	21	>TP53-T253S GMNRRPILSI	36	15
>TP53-T253S GMNRRPILTI	53	>TP53-T253S GMNRRPILSII	38	15
>TP53-T253S GMNRRPILTI	66	>TP53-T253S GMNRRPILSI	102	36
>TP53-T253S GMNRRPILTI	192	>TP53-T253S GMNRRPILSII	232	40
>TP53-T253S GMNRRPILTI	43	>TP53-T253S GMNRRPILSI	47	4
>TP53-T253S GMNRRPILTI	102	>TP53-T253S GMNRRPILSII	107	5
>TP53-T253S GMNRRPILTI	147	>TP53-T253S GMNRRPILSI	268	121
>TP53-T256A TLEDSSGNL	62	>TP53-T256A ALEDSSGNL	31	31



>TP53-T256A TLEDSSGNLL	133	>TP53-T256A ALEDSSGNLL	87	46
>TP53-T256A TLEDSSGNL	513	>TP53-T256A ALEDSSGNL	213	300
>TP53-T256A TLEDSSGNL	1522	>TP53-T256A ALEDSSGNL	373	1149
>TP53-T256A TLEDSSGNLL	1674	>TP53-T256A ALEDSSGNLL	437	1237
>TP53-T256A TLEDSSGNL	947	>TP53-T256A ALEDSSGNL	230	717
>TP53-T256A TLEDSSGNLL	736	>TP53-T256A ALEDSSGNLL	205	531
>TP53-T256A TLEDSSGNL	24	>TP53-T256A ALEDSSGNL	6	18
>TP53-T256A TLEDSSGNLL	23	>TP53-T256A ALEDSSGNLL	7	16
>TP53-T256A ITLEDSSGNL	495	>TP53-T256A IALEDSSGNL	1061	566
>TP53-T256A ITLEDSSGNL	471	>TP53-T256A IALEDSSGNL	1166	695
>TP53-T256A ITLEDSSGNL	371	>TP53-T256A IALEDSSGNL	883	512
>TP53-T256A ITLEDSSGNLL	270	>TP53-T256A IALEDSSGNLL	420	150
>TP53-T256A ITLEDSSGNL	302	>TP53-T256A IALEDSSGNL	1177	875
>TP53-T256A ITLEDSSGNLL	339	>TP53-T256A IALEDSSGNLL	1294	955
>TP53-T256A ITLEDSSGNL	137	>TP53-T256A IALEDSSGNL	701	564
>TP53-T256A ITLEDSSGNLL	354	>TP53-T256A IALEDSSGNLL	1646	1292
>TP53-T256A ITLEDSSGNL	6	>TP53-T256A IALEDSSGNL	24	18
>TP53-T256A ITLEDSSGNLL	18	>TP53-T256A IALEDSSGNLL	153	135
>TP53-T256A ITLEDSSGNLL	259	>TP53-T256A IALEDSSGNLL	2528	2269
>TP53-T256A ITLEDSSGNL	341	>TP53-T256A IALEDSSGNL	14546	14205
>TP53-T256A ITLEDSSGNLL	30	>TP53-T256A IALEDSSGNLL	548	518
>TP53-T256A MNRRPILTIIT	1029	>TP53-T256A MNRRPILTIIA	33	996
>TP53-T256A IITLEDSSGNL	1406	>TP53-T256A IIALEDSSGNL	146	1260
>TP53-T256A RPILTIITL	104	>TP53-T256A RPILTIIAL	196	92
>TP53-T256A RPILTIIT	1023	>TP53-T256A RPILTIIA	373	650
>TP53-T256A RPILTIITL	34	>TP53-T256A RPILTIIAL	12	22
>TP53-T256A RPILTIITL	391	>TP53-T256A RPILTIIAL	120	271
>TP53-T256A RPILTIITL	66	>TP53-T256A RPILTIIAL	25	41
>TP53-T256A RPILTIIT	1102	>TP53-T256A RPILTIIA	57	1045
>TP53-T256A RPILTIITL	89	>TP53-T256A RPILTIIAL	72	17
>TP53-T256A RRPILTIITL	14	>TP53-T256A RRPILTIIAL	14	0
>TP53-T256A RRPILTIITL	492	>TP53-T256A RRPILTIIAL	703	211
>TP53-T256A RRPILTIIT	86	>TP53-T256A RRPILTIIA	116	30
>TP53-T256A RRPILTIITL	16	>TP53-T256A RRPILTIIAL	18	2
>TP53-T256A RRPILTIITL	129	>TP53-T256A RRPILTIIALE	172	43
>TP53-T256A RRPILTIIT	329	>TP53-T256A RRPILTIIA	139	190
>TP53-T256A RRPILTIITL	14	>TP53-T256A RRPILTIIAL	15	1
>TP53-T256A RRPILTIITL	467	>TP53-T256A RRPILTIIALE	413	54
>TP53-T256A NRRPILTIITL	701	>TP53-T256A NRRPILTIIAL	272	429
>TP53-T256A NRRPILTIITL	50	>TP53-T256A NRRPILTIIAL	83	33
>TP53-T256A NRRPILTIITL	12	>TP53-T256A NRRPILTIIAL	16	4
>TP53-T256I TLEDSSGNL	62	>TP53-T256I ILEDSSGNL	29	33
>TP53-T256I TLEDSSGNLL	133	>TP53-T256I ILEDSSGNLL	71	62

>TP53-T256I·TLEDSSGNL	513	>TP53-T256I·ILEDSSGNL	223	290
>TP53-T256I·TLEDSSGNL	1522	>TP53-T256I·ILEDSSGNL	335	1187
>TP53-T256I·TLEDSSGNLL	1674	>TP53-T256I·ILEDSSGNLL	405	1269
>TP53-T256I·TLEDSSGNL	947	>TP53-T256I·ILEDSSGNL	396	551
>TP53-T256I·TLEDSSGNLL	736	>TP53-T256I·ILEDSSGNLL	321	415
>TP53-T256I·TLEDSSGNL	24	>TP53-T256I·ILEDSSGNL	9	15
>TP53-T256I·TLEDSSGNLL	23	>TP53-T256I·ILEDSSGNLL	9	14
>TP53-T256I·ITLEDSSGNLL	1773	>TP53-T256I·IILEDSSGNLL	321	1452
>TP53-T256I·ITLEDSSGNL	495	>TP53-T256I·IILEDSSGNL	252	243
>TP53-T256I·ITLEDSSGNLL	536	>TP53-T256I·IILEDSSGNLL	149	387
>TP53-T256I·ITLEDSSGNL	471	>TP53-T256I·IILEDSSGNL	168	303
>TP53-T256I·ITLEDSSGNL	371	>TP53-T256I·IILEDSSGNL	361	10
>TP53-T256I·ITLEDSSGNLL	270	>TP53-T256I·IILEDSSGNLL	92	178
>TP53-T256I·ITLEDSSGNL	302	>TP53-T256I·IILEDSSGNL	68	234
>TP53-T256I·ITLEDSSGNLL	339	>TP53-T256I·IILEDSSGNLL	76	263
>TP53-T256I·ITLEDSSGNL	1372	>TP53-T256I·IILEDSSGNL	237	1135
>TP53-T256I·ITLEDSSGNLL	1053	>TP53-T256I·IILEDSSGNLL	205	848
>TP53-T256I·ITLEDSSGNL	1829	>TP53-T256I·IILEDSSGNL	387	1442
>TP53-T256I·ITLEDSSGNLL	1648	>TP53-T256I·IILEDSSGNLL	290	1358
>TP53-T256I·ITLEDSSGNL	3672	>TP53-T256I·IILEDSSGNL	121	3551
>TP53-T256I·ITLEDSSGNLL	3520	>TP53-T256I·IILEDSSGNLL	225	3295
>TP53-T256I·ITLEDSSGNL	3363	>TP53-T256I·IILEDSSGNL	111	3252
>TP53-T256I·ITLEDSSGNLL	2830	>TP53-T256I·IILEDSSGNLL	88	2742
>TP53-T256I·ITLEDSSGNL	137	>TP53-T256I·IILEDSSGNL	553	416
>TP53-T256I·ITLEDSSGNLL	354	>TP53-T256I·IILEDSSGNLL	1449	1095
>TP53-T256I·ITLEDSSGNL	6	>TP53-T256I·IILEDSSGNL	984	978
>TP53-T256I·ITLEDSSGNLL	18	>TP53-T256I·IILEDSSGNLL	3448	3430
>TP53-T256I·ITLEDSSGNLL	259	>TP53-T256I·IILEDSSGNLL	12132	11873
>TP53-T256I·ITLEDSSGNL	341	>TP53-T256I·IILEDSSGNL	13331	12990
>TP53-T256I·ITLEDSSGNLL	30	>TP53-T256I·IILEDSSGNLL	1181	1151
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>TP53-T256I·RPILTIITL	104	>TP53-T256I·RPILTIITL	422	318
>TP53-T256I·RPILTIIT	1023	>TP53-T256I·RPILTIIT	73	950
>TP53-T256I·RPILTIITL	34	>TP53-T256I·RPILTIITL	36	2
>TP53-T256I·RPILTIITL	391	>TP53-T256I·RPILTIITL	1137	746
>TP53-T256I·RPILTIITL	66	>TP53-T256I·RPILTIITL	74	8
>TP53-T256I·RPILTIIT	28722	>TP53-T256I·RPILTIIT	187	28535
>TP53-T256I·RPILTIITL	89	>TP53-T256I·RPILTIITL	909	820
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>TP53-T256I·RRPILTIITL	14	>TP53-T256I·RRPILTIITL	14	0
>TP53-T256I·RRPILTIITL	492	>TP53-T256I·RRPILTIITL	201	291
>TP53-T256I·RRPILTIIT	86	>TP53-T256I·RRPILTIIT	30	56
>TP53-T256I·RRPILTIITL	16	>TP53-T256I·RRPILTIITL	16	0

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>TP53-T256I-NRRPILTIITL	12	>TP53-T256I-NRRPILTIIIL	17	5
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>TP53-T256K TLEDSSGNL	1522	>TP53-T256K KLEDSSGNL	320	1202
>TP53-T256K TLEDSSGNLL	1674	>TP53-T256K KLEDSSGNLL	392	1282
>TP53-T256K TLEDSSGNL	947	>TP53-T256K KLEDSSGNL	104	843
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>TP53-T256K ITLEDSSGNL	471	>TP53-T256K IKLEDSSGNL	12202	11731
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>TP53-T256K ITLEDSSGNLL	354	>TP53-T256K IKLEDSSGNLL	18515	18161
>TP53-T256K ITLEDSSGNL	2256	>TP53-T256K IKLEDSSGNL	47	2209
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>TP53-T256K ITLEDSSGNL	6	>TP53-T256K IKLEDSSGNL	14629	14623
>TP53-T256K ITLEDSSGNLL	18	>TP53-T256K IKLEDSSGNLL	18044	18026
>TP53-T256K ITLEDSSGNL	259	>TP53-T256K IKLEDSSGNL	27126	26867
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>TP53-T256K RPILTIITL	34	>TP53-T256K RPILTIIKL	115	81
>TP53-T256K RPILTIITL	391	>TP53-T256K RPILTIIKL	2744	2353
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>TP53-T256K RPILTIITL	89	>TP53-T256K RPILTIIKL	1056	967
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>TP53-T256K RRPILTIITL	14	>TP53-T256K RRPILTIIKL	13	1
>TP53-T256K RRPILTIITL	492	>TP53-T256K RRPILTIIKL	660	168
>TP53-T256K RRPILTIIT	86	>TP53-T256K RRPILTIIK	106	20
>TP53-T256K RRPILTIITL	16	>TP53-T256K RRPILTIIKL	21	5
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>TP53-T256K RRPILTIIT	329	>TP53-T256K RRPILTIIK	24	305
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>TP53-T256K RRPILTIITLE	467	>TP53-T256K RRPILTIIKLE	634	167
>TP53-T256K NRRPILTIITL	50	>TP53-T256K NRRPILTIIKL	90	40
>TP53-T256K NRRPILTIITL	12	>TP53-T256K NRRPILTIIKL	21	9
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>TP53-T256P TLEDSSGNLL	133	>TP53-T256P PLEDSSGNLL	2597	2464
>TP53-T256P TLEDSSGNL	24	>TP53-T256P PLEDSSGNL	213	189
>TP53-T256P TLEDSSGNLL	23	>TP53-T256P PLEDSSGNLL	137	114
>TP53-T256P ITLEDSSGNL	28745	>TP53-T256P IPLEDSSGNL	221	28524
>TP53-T256P ITLEDSSGNL	495	>TP53-T256P IPLEDSSGNL	12187	11692
>TP53-T256P ITLEDSSGNL	471	>TP53-T256P IPLEDSSGNL	15843	15372
>TP53-T256P ITLEDSSGNL	371	>TP53-T256P IPLEDSSGNL	9769	9398
>TP53-T256P ITLEDSSGNLL	270	>TP53-T256P IPLEDSSGNLL	8901	8631
>TP53-T256P ITLEDSSGNL	302	>TP53-T256P IPLEDSSGNL	14446	14144
>TP53-T256P ITLEDSSGNLL	339	>TP53-T256P IPLEDSSGNLL	14832	14493
>TP53-T256P ITLEDSSGNL	137	>TP53-T256P IPLEDSSGNL	1592	1455
>TP53-T256P ITLEDSSGNLL	354	>TP53-T256P IPLEDSSGNLL	2815	2461
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>TP53-T256P ITLEDSSGNL	6	>TP53-T256P IPLEDSSGNL	12257	12251
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>TP53-T256P ITLEDSSGNLL	11833	>TP53-T256P IPLEDSSGNLL	435	11398
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>TP53-T256P ITLEDSSGNLL	20872	>TP53-T256P IPLEDSSGNLL	251	20621
>TP53-T256P ITLEDSSGNLL	259	>TP53-T256P IPLEDSSGNLL	12871	12612
>TP53-T256P ITLEDSSGNL	341	>TP53-T256P IPLEDSSGNL	25222	24881
>TP53-T256P ITLEDSSGNLL	30	>TP53-T256P IPLEDSSGNLL	1962	1932
>TP53-T256P ITLEDSSGNL	15715	>TP53-T256P IPLEDSSGNL	498	15217
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>TP53-T256P RPILTIITL	34	>TP53-T256P RPILTIIPL	13	21
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>TP53-T256P RRPILTIITL	14	>TP53-T256P RRPILTIIPL	17	3
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>TP53-T256P RRPILTIIT	86	>TP53-T256P RRPILTIIP	209	123
>TP53-T256P RRPILTIITL	16	>TP53-T256P RRPILTIIPL	21	5
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>TP53-T256P RRPILTIIT	329	>TP53-T256P RRPILTIIP	561	232
>TP53-T256P RRPILTIITL	14	>TP53-T256P RRPILTIIPL	18	4
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>TP53-T256S TLEDSSGNLL	133	>TP53-T256S SLEDSSGNLL	61	72
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>TP53-T256S TLEDSSGNL	947	>TP53-T256S SLEDSSGNL	188	759
>TP53-T256S TLEDSSGNLL	736	>TP53-T256S SLEDSSGNLL	167	569
>TP53-T256S TLEDSSGNL	3341	>TP53-T256S SLEDSSGNL	456	2885
>TP53-T256S TLEDSSGNLL	3638	>TP53-T256S SLEDSSGNLL	458	3180
>TP53-T256S TLEDSSGNL	24	>TP53-T256S SLEDSSGNL	8	16
>TP53-T256S TLEDSSGNLL	23	>TP53-T256S SLEDSSGNLL	9	14
>TP53-T256S ITLEDSSGNL	495	>TP53-T256S ISLEDSSGNL	2640	2145
>TP53-T256S ITLEDSSGNL	471	>TP53-T256S ISLEDSSGNL	4835	4364
>TP53-T256S ITLEDSSGNL	371	>TP53-T256S ISLEDSSGNL	2962	2591
>TP53-T256S ITLEDSSGNLL	270	>TP53-T256S ISLEDSSGNLL	1109	839
>TP53-T256S ITLEDSSGNL	302	>TP53-T256S ISLEDSSGNL	4851	4549
>TP53-T256S ITLEDSSGNLL	339	>TP53-T256S ISLEDSSGNLL	5130	4791
>TP53-T256S ITLEDSSGNL	137	>TP53-T256S ISLEDSSGNL	1852	1715
>TP53-T256S ITLEDSSGNLL	354	>TP53-T256S ISLEDSSGNLL	3608	3254
>TP53-T256S ITLEDSSGNLL	1117	>TP53-T256S ISLEDSSGNLL	392	725
>TP53-T256S ITLEDSSGNL	6	>TP53-T256S ISLEDSSGNL	8	2
>TP53-T256S ITLEDSSGNLL	18	>TP53-T256S ISLEDSSGNLL	27	9
>TP53-T256S ITLEDSSGNLL	259	>TP53-T256S ISLEDSSGNLL	792	533
>TP53-T256S ITLEDSSGNL	341	>TP53-T256S ISLEDSSGNL	1165	824
>TP53-T256S ITLEDSSGNLL	30	>TP53-T256S ISLEDSSGNLL	76	46
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>TP53-T256S IITLEDSSGNL	1406	>TP53-T256S IISLEDSSGNL	267	1139
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>TP53-T256S RPILTIITL	34	>TP53-T256S RPILTIISL	18	16
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>TP53-T256S RPILTIITL	89	>TP53-T256S RPILTIISL	307	218
>TP53-T256S RRPILTIITL	14	>TP53-T256S RRPILTIISL	16	2
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>TP53-T256S NRRPILTIITL	50	>TP53-T256S NRRPILTIISL	107	57
>TP53-T256S NRRPILTIITL	12	>TP53-T256S NRRPILTIISL	21	9

>TP53-T284ATEEENLRKKG	5020	>TP53-T284A AEEENLRKKG	450	4570
>TP53-T284ARTEEENLRK	88	>TP53-T284A RAEENLRK	885	797
>TP53-T284ARTEEENLRK	126	>TP53-T284A RAEENLRK	742	616
>TP53-T284ARTEEENLRKK	174	>TP53-T284A RAEENLRKK	1029	855
>TP53-T284ARTEEENLR	242	>TP53-T284A RAEENLR	825	583
>TP53-T284ARTEEENLR	188	>TP53-T284A RAEENLR	986	798
>TP53-T284ARTEEENLR	456	>TP53-T284A RAEENLR	714	258
>TP53-T284ARRTEEENL	791	>TP53-T284A RRAEEENL	441	350
>TP53-T284ARRTEEENL	171	>TP53-T284A RRAEEENL	150	21
>TP53-T284ARRTEEENLR	424	>TP53-T284A RRAEEENLR	330	94
>TP53-T284ARRTEEENLRK	34	>TP53-T284A RRAEEENLRK	38	4
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>TP53-T284ARRTEEENL	66	>TP53-T284A RRAEEENL	39	27
>TP53-T284ARRTEEENLRK	383	>TP53-T284A RRAEEENLRK	567	184
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>TP53-T284ARRTEEENLRK	163	>TP53-T284A RRAEEENLRK	233	70
>TP53-T284ARRTEEENLRK	634	>TP53-T284A RRAEEENLRK	402	232
>TP53-T284AGRDRRTEEEN	446	>TP53-T284A GRDRRAEEEN	523	77
>TP53-T284I RTEEENLRK	88	>TP53-T284I RIEEENLRK	236	148
>TP53-T284I RTEEENLRK	126	>TP53-T284I RIEEENLRK	654	528
>TP53-T284I RTEEENLRKK	174	>TP53-T284I RIEEENLRKK	943	769
>TP53-T284I RTEEENLR	242	>TP53-T284I RIEEENLR	817	575
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>TP53-T284I RRTEEENL	791	>TP53-T284I RRIEEENL	321	470
>TP53-T284I RRTEEENL	171	>TP53-T284I RRIEEENL	98	73
>TP53-T284I RRTEEENLR	424	>TP53-T284I RRIEEENLR	204	220
>TP53-T284I RRTEEENLRK	34	>TP53-T284I RRIEEENLRK	17	17
>TP53-T284I RRTEEENLRK	71	>TP53-T284I RRIEEENLRKK	47	24
>TP53-T284I RRTEEENL	66	>TP53-T284I RRIEEENL	34	32
>TP53-T284I RRTEEENLRK	383	>TP53-T284I RRIEEENLRK	159	224
>TP53-T284I RRTEEENL	94	>TP53-T284I RRIEEENL	96	2
>TP53-T284I RRTEEENLRK	163	>TP53-T284I RRIEEENLRK	102	61
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>TP53-T284I GRDRRTEEEN	446	>TP53-T284I GRDRRIEEEN	306	140
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>TP53-T284P RTEEENLRK	126	>TP53-T284P RPEEENLRK	16139	16013
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>TP53-T284P RRTEEENL	171	>TP53-T284P RRPEEENL	1323	1152
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>TP53-T284P RRTEEEENLRK	34	>TP53-T284P RRPEEEENLRK	142	108
>TP53-T284P RRTEEEENLRK	71	>TP53-T284P RRPEEEENLRK	355	284
>TP53-T284P RRTEEEENL	66	>TP53-T284P RRPEEEENL	395	329
>TP53-T284P RRTEEEENLRK	383	>TP53-T284P RRPEEEENLRK	431	48
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>TP53-T284P GRDRRTEEEEN	446	>TP53-T284P GRDRRPEEEEN	403	43
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>TP53-T304A STKRALPN	100	>TP53-T304A SAKRALPN	549	449
>TP53-T304A STKRALPNN	60	>TP53-T304A SAKRALPNN	309	249
>TP53-T304A STKRALPNNT	89	>TP53-T304A SAKRALPNNT	529	440
>TP53-T304A STKRALPNNT	46	>TP53-T304A SAKRALPNNT	247	201
>TP53-T304A EPHHELPPGS	3337	>TP53-T304A EPHHELPPGS	307	3030
>TP53-T304A PPGSTKRAL	8435	>TP53-T304A PPGSAKRAL	120	8315
>TP53-T304A PPGSTKRAL	44	>TP53-T304A PPGSAKRAL	46	2
>TP53-T304A LPPGSTKRAL	296	>TP53-T304A LPPGSAKRAL	74	222
>TP53-T304A LPPGSTKRAL	75	>TP53-T304A LPPGSAKRAL	86	11
>TP53-T304A LPPGSTKRA	99	>TP53-T304A LPPGSAKRA	120	21
>TP53-T304A ELPPGSTKRA	98	>TP53-T304A ELPPGSAKRA	127	29
>TP53-T304A ELPPGSTKRA	151	>TP53-T304A ELPPGSAKRA	142	9
>TP53-T304A ELPPGSTKR	321	>TP53-T304A ELPPGSAKR	218	103
>TP53-T304A HELPPGST	2170	>TP53-T304A HELPPGSA	306	1864
>TP53-T304A HELPPGSTKR	250	>TP53-T304A HELPPGSAKR	190	60
>TP53-T304A HELPPGSTKR	437	>TP53-T304A HELPPGSAKR	433	4
>TP53-T304I TKRALPNNTS	1843	>TP53-T304I IKRALPNNTS!	261	1582
>TP53-T304I STKRALPN	100	>TP53-T304I SIKRALPN	522	422
>TP53-T304I STKRALPNN	60	>TP53-T304I SIKRALPNN	286	226
>TP53-T304I STKRALPNNT	89	>TP53-T304I SIKRALPNNT	492	403
>TP53-T304I STKRALPNNT	46	>TP53-T304I SIKRALPNNT!	230	184
>TP53-T304I PPGSTKRAL	44	>TP53-T304I PPGSIKRAL	125	81
>TP53-T304I LPPGSTKRAL	296	>TP53-T304I LPPGSIKRAL	258	38
>TP53-T304I LPPGSTKRAL	75	>TP53-T304I LPPGSIKRAL	71	4
>TP53-T304I LPPGSTKRA	99	>TP53-T304I LPPGSIKRA	80	19
>TP53-T304I LPPGSTKRAL	592	>TP53-T304I LPPGSIKRAL	273	319
>TP53-T304I ELPPGSTKRA	98	>TP53-T304I ELPPGSIKRA	67	31
>TP53-T304I ELPPGSTKRA	151	>TP53-T304I ELPPGSIKRAL	157	6
>TP53-T304I ELPPGSTKR	321	>TP53-T304I ELPPGSIKR	328	7
>TP53-T304I HELPPGST	796	>TP53-T304I HELPPGSI	15	781
>TP53-T304I HELPPGST	8746	>TP53-T304I HELPPGSI	133	8613
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>TP53-T304I HELPPGSTKR	250	>TP53-T304I HELPPGSIKR/	196	54
>TP53-T304I HELPPGST	9258	>TP53-T304I HELPPGSI	30	9228
>TP53-T304I HELPPGSTKR	437	>TP53-T304I HELPPGSIKR	260	177

>TP53-T304I-HELPPGST	36597	>TP53-T304I-HELPPGSI	334	36263
>TP53-T304MSTKRALPN	100	>TP53-T304MSTKRALPN	4483	4383
>TP53-T304MSTKRALPNN	60	>TP53-T304MSTKRALPNN	2925	2865
>TP53-T304MSTKRALPNNT	89	>TP53-T304MSTKRALPNNT	4465	4376
>TP53-T304MSTKRALPNNT	46	>TP53-T304MSTKRALPNNT	2929	2883
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>TP53-T304MLPPGSTKRAL	296	>TP53-T304MLPPGSNKRAL	188	108
>TP53-T304MLPPGSTKRAL	75	>TP53-T304MLPPGSNKRAL	102	27
>TP53-T304MLPPGSTKRA	99	>TP53-T304MLPPGSNKRA	119	20
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>TP53-T304MELPPGSTKRA	151	>TP53-T304MELPPGSNKRA	189	38
>TP53-T304MELPPGSTKR	321	>TP53-T304MELPPGSNKR	378	57
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>TP53-T304MHELPPGSTKR	437	>TP53-T304MHELPPGSNKR	477	40
>TP53-T312ATSSSPQPK	326	>TP53-T312ATSSSPQPK	244	82
>TP53-T312ATSSSPQPKK	136	>TP53-T312ATSSSPQPKK	109	27
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>TP53-T312ATSSSPQPK	262	>TP53-T312ATSSSPQPK	31	231
>TP53-T312ATSSSPQPKK	733	>TP53-T312ATSSSPQPKK	74	659
>TP53-T312ATSSSPQPKKK	1717	>TP53-T312ATSSSPQPKKK	201	1516
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>TP53-T312ATSSSPQPK	794	>TP53-T312ATSSSPQPK	198	596
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>TP53-T312ATSSSPQPKKK	637	>TP53-T312ATSSSPQPKKK	154	483
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>TP53-T312ANTSSSPQPKK	41	>TP53-T312ANTSSSPQPKK	259	218
>TP53-T312ANTSSSPQPKK	251	>TP53-T312ANTSSSPQPKK	2313	2062
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>TP53-T312ANTSSSPQPKK	95	>TP53-T312ANTSSSPQPKK	334	239
>TP53-T312ANNNTSSSPQPK	1038	>TP53-T312ANNNTSSSPQPK	494	544
>TP53-T312ALPNNTSSS	383	>TP53-T312ALPNNTSSS	277	106
>TP53-T312ALPNNTSSS	301	>TP53-T312ALPNNTSSS	363	62
>TP53-T312ALPNNTSSSPQ	260	>TP53-T312ALPNNTSSSPQ	262	2
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>TP53-T312ARALPNNTSS	2264	>TP53-T312ARALPNNTSS	342	1922
>TP53-T312ARALPNNTSSS	1169	>TP53-T312ARALPNNTSSS	477	692



>TP53-T312A STKRALPNNT	89	>TP53-T312A STKRALPNNA	9	80
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>TP53-T312I- TSSSPQPKK	33	>TP53-T312I- ISSSPQPKK	60	27
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>TP53-T312I- TSSSPQPKK	125	>TP53-T312I- ISSSPQPKK	413	288
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>TP53-T312I- NTSSSPQPKK	41	>TP53-T312I- NISSSPQPKK	105	64
>TP53-T312I- NTSSSPQPKK	251	>TP53-T312I- NISSSPQPKKI	765	514
>TP53-T312I- NTSSSPQPK	339	>TP53-T312I- NISSSPQPK	1927	1588
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>TP53-T312I- NTSSSPQPKK	28	>TP53-T312I- NISSSPQPKK	71	43
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>TP53-T312I- GSTKRALPNN	36821	>TP53-T312I- GSTKRALPNN	438	36383
>TP53-T312I- LPNNTSSS	383	>TP53-T312I- LPNNISSS	485	102
>TP53-T312I- LPNNTSSS	301	>TP53-T312I- LPNNISSS	206	95
>TP53-T312I- LPNNTSSSP	568	>TP53-T312I- LPNNISSSP	344	224
>TP53-T312I- LPNNTSSSPQ	260	>TP53-T312I- LPNNISSSPQI	201	59
>TP53-T312I- ALPNNTSSS	534	>TP53-T312I- ALPNNISSS	315	219
>TP53-T312I- ALPNNTSSS	1876	>TP53-T312I- ALPNNISSS	371	1505
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>TP53-T312I- RALPNNTSS	2264	>TP53-T312I- RALPNNISS	217	2047
>TP53-T312I- KRALPNNT	4271	>TP53-T312I- KRALPNNI	478	3793
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>TP53-T312I- TKRALPNNT	4892	>TP53-T312I- TKRALPNNI	259	4633
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>TP53-T312I- STKRALPNNT	46	>TP53-T312I- STKRALPNNI!	62	16
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>TP53-T312S TSSSPQPK	262	>TP53-T312S SSSSPQPK	49	213
>TP53-T312S TSSSPQPKK	733	>TP53-T312S SSSSPQPKK	125	608

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>TP53-T312S TSSSPQPKK	125	>TP53-T312S SSSSPQPKK	423	298
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>TP53-T312S TSSSPQPK	794	>TP53-T312S SSSSPQPK	255	539
>TP53-T312S TSSSPQPKK	724	>TP53-T312S SSSSPQPKK	215	509
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>TP53-T312S NTSSSPQPKK	41	>TP53-T312S NSSSPQPKK	73	32
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>TP53-T312S LPNNTSSS	383	>TP53-T312S LPNNTSSS	329	54
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>TP53-T312S LPNNTSSSPQ	260	>TP53-T312S LPNNTSSSPQ	433	173
>TP53-T312S ALPNNTSSS	301	>TP53-T312S ALPNNTSSS	533	232
>TP53-T312S ALPNNTSSSP	111	>TP53-T312S ALPNNTSSSP	136	25
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>TP53-T329I TLQIRGRER	238	>TP53-T329I ILQIRGRER	176	62
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>TP53-T329I FTLQIRGRERI	169	>TP53-T329I FILQIRGRERF	971	802
>TP53-T329I FTLQIRGRERI	289	>TP53-T329I FILQIRGRERF	1992	1703
>TP53-T329I FTLQIRGRER	50	>TP53-T329I FILQIRGRER	48	2
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>TP53-T329I FTLQIRGR	25	>TP53-T329I FILQIRGR	96	71
>TP53-T329I FTLQIRGRER	86	>TP53-T329I FILQIRGRER	310	224
>TP53-T329I FTLQIRGRERI	8	>TP53-T329I FILQIRGRERF	2564	2556
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>TP53-T329I FTLQIRGRERI	8	>TP53-T329I FILQIRGRERF	240	232
>TP53-T329I FTLQIRGR	422	>TP53-T329I FILQIRGR	156	266
>TP53-T329I FTLQIRGRER	1841	>TP53-T329I FILQIRGRER	459	1382
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>TP53-T329I-EYFTLQIRGR	315	>TP53-T329I-EYFILQIRGR	191	124
>TP53-T329I-EYFTLQIR	26	>TP53-T329I-EYFILQIR	41	15
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>TP53-T329I-GEYFTLQI	44	>TP53-T329I-GEYFILQI	32	12
>TP53-T329I-GEYFTLQI	43	>TP53-T329I-GEYFILQI	32	11
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>TP53-T329I-GEYFTLQIRGI	512	>TP53-T329I-GEYFILQIRGR	270	242
>TP53-T329I-LDGEYFTLQI	87	>TP53-T329I-LDGEYFILQI	157	70
>TP53-T329I-LDGEYFTL	344	>TP53-T329I-LDGEYFIL	432	88
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>TP53-T329I-PLDGEYFT	4966	>TP53-T329I-PLDGEYFI	341	4625
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>TP53-T329I-PLDGEYFTL	22	>TP53-T329I-PLDGEYFIL	230	208
>TP53-T329I-PLDGEYFTLQ	68	>TP53-T329I-PLDGEYFILQI	48	20
>TP53-T329I-PLDGEYFT	10347	>TP53-T329I-PLDGEYFI	495	9852
>TP53-T329I-PLDGEYFTL	224	>TP53-T329I-PLDGEYFIL	1264	1040
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>TP53-T329I-PLDGEYFTL	22	>TP53-T329I-PLDGEYFIL	75	53
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>TP53-T329I-PLDGEYFT	2473	>TP53-T329I-PLDGEYFI	68	2405
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>TP53-T329I-PLDGEYFTLQ	158	>TP53-T329I-PLDGEYFILQI	224	66
>TP53-T329I-PLDGEYFT	1464	>TP53-T329I-PLDGEYFI	169	1295
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>TP53-T329I-PLDGEYFTLQ	111	>TP53-T329I-PLDGEYFILQI	93	18
>TP53-T329I-KPLDGEYFT	17003	>TP53-T329I-KPLDGEYFI	166	16837
>TP53-T329I-KPLDGEYFTL	212	>TP53-T329I-KPLDGEYFIL	488	276
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>TP53-T329I-KPLDGEYFTL	321	>TP53-T329I-KPLDGEYFIL	356	35
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>TP53-T329I-KPLDGEYFTL	306	>TP53-T329I-KPLDGEYFIL	566	260
>TP53-T81I-v TPAAPAPA	460	>TP53-T81I-r IPAAPAPA	2238	1778
>TP53-T81I-v TPAAPAPA	121	>TP53-T81I-r IPAAPAPA	43	78
>TP53-T81I-v TPAAPAPAPS	296	>TP53-T81I-r IPAAPAPAPS'	78	218
>TP53-T81I-v TPAAPAPA	352	>TP53-T81I-r IPAAPAPA	272	80
>TP53-T81I-v TPAAPAPAPS	437	>TP53-T81I-r IPAAPAPAPS'	261	176

>TP53-T81I-v TPAAPAPAPS	1769	>TP53-T81I-r IPAAPAPAPS'	387	1382
>TP53-T81I-v TPAAPAPAPS	33	>TP53-T81I-r IPAAPAPAPS'	19	14
>TP53-T81I-v TPAAPAPA	25	>TP53-T81I-r IPAAPAPA	8	17
>TP53-T81I-v TPAAPAPAP	656	>TP53-T81I-r IPAAPAPAP	56	600
>TP53-T81I-v TPAAPAPAPS	3104	>TP53-T81I-r IPAAPAPAPS'	395	2709
>TP53-T81I-v TPAAPAPAPS	16	>TP53-T81I-r IPAAPAPAPS'	9	7
>TP53-T81I-v PTPAAPAPA	441	>TP53-T81I-r PIPAAPAPA	22258	21817
>TP53-T81I-v APTPAAPA	74	>TP53-T81I-r APIPAAPA	57	17
>TP53-T81I-v APTPAAPAPA	433	>TP53-T81I-r APIPAAPAPA	361	72
>TP53-T81I-v APTPAAPA	122	>TP53-T81I-r APIPAAPA	48	74
>TP53-T81I-v APTPAAPAPA	157	>TP53-T81I-r APIPAAPAPA	63	94
>TP53-T81I-v AAPTPAAPA	298	>TP53-T81I-r AAPIPAAPA	226	72
>TP53-T81I-v APAAPTPA	26	>TP53-T81I-r APAAPIPA	49	23
>TP53-T81I-v APAAPTPAA	28	>TP53-T81I-r APAAPIPAA	59	31
>TP53-T81I-v APAAPTPAAF	18	>TP53-T81I-r APAAPIPAAP	27	9
>TP53-T81I-v APAAPTPAA	276	>TP53-T81I-r APAAPIPAA	1713	1437
>TP53-T81I-v APAAPTPA	66	>TP53-T81I-r APAAPIPA	45	21
>TP53-T81I-v APAAPTPAA	25	>TP53-T81I-r APAAPIPAA	23	2
>TP53-T81I-v APAAPTPAAF	33	>TP53-T81I-r APAAPIPAAP	30	3
>TP53-T81I-v APAAPTPAA	518	>TP53-T81I-r APAAPIPAA	485	33
>TP53-T81I-v APAPAAPT	45	>TP53-T81I-r APAPAAPI	20	25
>TP53-T81I-v APAPAAPTPA	238	>TP53-T81I-r APAPAAPIPA	561	323
>TP53-T81I-v APAPAAPTPA	27	>TP53-T81I-r APAPAAPIPA	39	12
>TP53-T81I-v APAPAAPT	458	>TP53-T81I-r APAPAAPI	787	329
>TP53-T81I-v APAPAAPTPA	203	>TP53-T81I-r APAPAAPIPA	558	355
>TP53-T81I-v APAPAAPTPA	376	>TP53-T81I-r APAPAAPIPA	475	99
>TP53-T81I-v APAPAAPTPA	46	>TP53-T81I-r APAPAAPIPA	42	4
>TP53-T81I-v APAPAAPT	23913	>TP53-T81I-r APAPAAPI	60	23853
>TP53-T81I-v APAPAAPT	37193	>TP53-T81I-r APAPAAPI	271	36922
>TP53-T81I-v VAPAPAAPT	26464	>TP53-T81I-r VAPAPAAPI	140	26324
>TP53-T81I-v VAPAPAAPT	4724	>TP53-T81I-r VAPAPAAPI	81	4643
>TP53-T81I-v VAPAPAAPT	125	>TP53-T81I-r VAPAPAAPI	4	121
>TP53-T81I-v VAPAPAAPTF	412	>TP53-T81I-r VAPAPAAPIP	130	282
>TP53-T81I-v VAPAPAAPTF	498	>TP53-T81I-r VAPAPAAPIP	263	235
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>TP53-T81I-v RVAPAPAAPI	3487	>TP53-T81I-r RVAPAPAAPI	415	3072
>TP53-T81I-v RVAPAPAAPI	8008	>TP53-T81I-r RVAPAPAAPI	495	7513
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>TP53-T81I-v RVAPAPAAPI	7383	>TP53-T81I-r RVAPAPAAPI	51	7332
>TP53-T81I-v RVAPAPAAPI	570	>TP53-T81I-r RVAPAPAAPI	90	480
>TP53-T81I-v RVAPAPAAPI	4949	>TP53-T81I-r RVAPAPAAPI	155	4794
>TP53-T81I-v RVAPAPAAPI	2051	>TP53-T81I-r RVAPAPAAPI	26	2025
>TP53-T81I-v RVAPAPAAPI	14706	>TP53-T81I-r RVAPAPAAPI	227	14479

>TP53-T81I-v RVAPAPAAP1	29174	>TP53-T81I-r RVAPAPAAPI	134	29040
>TP53-V10I-v VEPPLSQETF	617	>TP53-V10I-r IEPPLSQETF	274	343
>TP53-V10I-v SVEPPLSQETI	68	>TP53-V10I-r SIEPPLSQETF	287	219
>TP53-V10I-v SVEPPLSQETI	35	>TP53-V10I-r SIEPPLSQETF	112	77
>TP53-V10I-v DPSVEPPL	266	>TP53-V10I-r DPSIEPPL	252	14
>TP53-V10I-v QSDPSVEPPL	39	>TP53-V10I-r QSDPSIEPPL	35	4
>TP53-V10I-v EPQSDPSV	1826	>TP53-V10I-r EPQSDPSI	142	1684
>TP53-V10I-v EEPQSDPSV	759	>TP53-V10I-r EEPQSDPSI	85	674
>TP53-V10I-v EEPQSDPSV	1570	>TP53-V10I-r EEPQSDPSI	475	1095
>TP53-V10I-v MEEPQSDPS'	108	>TP53-V10I-r MEEPQSDPSI	23	85
>TP53-V10I-v MEEPQSDPS'	477	>TP53-V10I-r MEEPQSDPSI	483	6
>TP53-V10I-v MEEPQSDPS'	610	>TP53-V10I-r MEEPQSDPSI	415	195
>TP53-V10I-v MEEPQSDPS'	195	>TP53-V10I-r MEEPQSDPSI	338	143
>TP53-V10I-v MEEPQSDPS'	82	>TP53-V10I-r MEEPQSDPSI	15	67
>TP53-V122L VTCTYSPA	415	>TP53-V122L LTCTYSPA	3665	3250
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>TP53-V122L VTCTYSPAL	12	>TP53-V122L LTCTYSPAL	13	1
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>TP53-V122L SVTCTYSPAL	1647	>TP53-V122L SLTCTYSPAL	315	1332
>TP53-V122L KSVTCTYSPA	2900	>TP53-V122L KSLTCTYSPAL	463	2437

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>TP53-V122L KSVTCTYSPA	488	>TP53-V122L KSLTCTYSPAL	87	401
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>TP53-V122L HSGTAKSV	4145	>TP53-V122L HSGTAKSL	197	3948
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>TP53-V122L FLHSGTAKSV	122	>TP53-V122L FLHSGTAKSL	572	450
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>TP53-V122L FLHSGTAKSV	116	>TP53-V122L FLHSGTAKSL	111	5
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>TP53-V143/QLAKTCPV	10	>TP53-V143/QLAKTCPA	1654	1644
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>TP53-V143C QLAKTCPVQL	383	>TP53-V143C QLAKTCPGQI	216	167
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>TP53-V143C QLAKTCPVQL	177	>TP53-V143C QLAKTCPGQI	545	368
>TP53-V143C QLAKTCPV	10	>TP53-V143C QLAKTCPG	21708	21698
>TP53-V143C QLAKTCPVQL	117	>TP53-V143C QLAKTCPGQI	600	483
>TP53-V143C QLAKTCPV	3	>TP53-V143C QLAKTCPG	15420	15417
>TP53-V143C QLAKTCPVQL	20	>TP53-V143C QLAKTCPGQI	69	49
>TP53-V143C QLAKTCPV	217	>TP53-V143C QLAKTCPG	13638	13421
>TP53-V143C QLAKTCPV	60	>TP53-V143C QLAKTCPG	18693	18633
>TP53-V143C QLAKTCPVQL	343	>TP53-V143C QLAKTCPGQI	951	608
>TP53-V143C CQLAKTCPV	121	>TP53-V143C CQLAKTCPG	20763	20642
>TP53-V143C CQLAKTCPV	173	>TP53-V143C CQLAKTCPG	16969	16796
>TP53-V143C CQLAKTCPV	22	>TP53-V143C CQLAKTCPG	5096	5074
>TP53-V143C CQLAKTCPVC	463	>TP53-V143C CQLAKTCPGC	1557	1094
>TP53-V143C CQLAKTCPV	136	>TP53-V143C CQLAKTCPG	21522	21386
>TP53-V143C CQLAKTCPV	77	>TP53-V143C CQLAKTCPG	12736	12659
>TP53-V143C CQLAKTCPV	457	>TP53-V143C CQLAKTCPG	22270	21813
>TP53-V143C CQLAKTCPV	268	>TP53-V143C CQLAKTCPG	6545	6277
>TP53-V143C CQLAKTCPVC	155	>TP53-V143C CQLAKTCPGC	1020	865
>TP53-V143C CQLAKTCPVC	231	>TP53-V143C CQLAKTCPGC	997	766
>TP53-V143C FCQLAKTCPV	443	>TP53-V143C FCQLAKTCPG	36146	35703
>TP53-V143L VQLWVDST	120	>TP53-V143L LQLWVDST	84	36
>TP53-V143L VQLWVDSTP	552	>TP53-V143L LQLWVDSTPI	411	141
>TP53-V143L MFCQLAKTCI	6521	>TP53-V143L MFCQLAKTCI	289	6232
>TP53-V143L MFCQLAKTCI	721	>TP53-V143L MFCQLAKTCI	471	250
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>TP53-V143L KTCPVQLWV	53	>TP53-V143L KTCPLQLWV	189	136
>TP53-V143L KTCPVQLWV	338	>TP53-V143L KTCPLQLWV	881	543
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>TP53-V143L KTCPVQLWV	118	>TP53-V143L KTCPLQLWV	49	69
>TP53-V143L KTCPVQLW	34	>TP53-V143L KTCPLQLW	37	3
>TP53-V143L KTCPVQLW	10	>TP53-V143L KTCPLQLW	13	3
>TP53-V143L KTCPVQLWV	254	>TP53-V143L KTCPLQLWV	242	12
>TP53-V143L KTCPVQLWV	272	>TP53-V143L KTCPLQLWV	437	165
>TP53-V143L AKTCPVQL	41	>TP53-V143L AKTCPLQL	81	40
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>TP53-V143L LAKTCPVQLW	482	>TP53-V143L LAKTCPLQLW	617	135
>TP53-V143L LAKTCPVQL	417	>TP53-V143L LAKTCPLQL	855	438
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>TP53-V143L QLAKTCPV	58	>TP53-V143L QLAKTCPL	243	185
>TP53-V143L QLAKTCPV	13	>TP53-V143L QLAKTCPL	15	2
>TP53-V143L QLAKTCPVQL	315	>TP53-V143L QLAKTCPLQL	161	154
>TP53-V143L QLAKTCPV	10	>TP53-V143L QLAKTCPL	78	68
>TP53-V143L QLAKTCPVQL	383	>TP53-V143L QLAKTCPLQL	180	203
>TP53-V143L QLAKTCPV	37	>TP53-V143L QLAKTCPL	268	231
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>TP53-V143L QLAKTCPVQL	323	>TP53-V143L QLAKTCPLQL	433	110
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>TP53-V143L QLAKTCPV	10	>TP53-V143L QLAKTCPL	82	72
>TP53-V143L QLAKTCPVQL	177	>TP53-V143L QLAKTCPLQL	214	37
>TP53-V143L QLAKTCPV	10	>TP53-V143L QLAKTCPL	193	183
>TP53-V143L QLAKTCPVQL	117	>TP53-V143L QLAKTCPLQL	228	111
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>TP53-V143L QLAKTCPV	217	>TP53-V143L QLAKTCPL	1265	1048
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>TP53-V143L QLAKTCPVQL	343	>TP53-V143L QLAKTCPLQL	559	216
>TP53-V143L CQLAKTCPV	121	>TP53-V143L CQLAKTCPL	637	516
>TP53-V143L CQLAKTCPV	173	>TP53-V143L CQLAKTCPL	1605	1432
>TP53-V143L CQLAKTCPV	22	>TP53-V143L CQLAKTCPL	79	57
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>TP53-V143L CQLAKTCPV	136	>TP53-V143L CQLAKTCPL	2290	2154
>TP53-V143L CQLAKTCPV	77	>TP53-V143L CQLAKTCPL	1036	959
>TP53-V143L CQLAKTCPV	457	>TP53-V143L CQLAKTCPL	6070	5613
>TP53-V143L CQLAKTCPV	268	>TP53-V143L CQLAKTCPL	141	127
>TP53-V143L CQLAKTCPVC	155	>TP53-V143L CQLAKTCPLQ	250	95
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>TP53-V143L CQLAKTCPVC	231	>TP53-V143L CQLAKTCPLQ	338	107
>TP53-V143L FCQLAKTCPV	443	>TP53-V143L FCQLAKTCPL	7912	7469

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>TP53-V143M VQLWVDST	835	>TP53-V143M MQLWVDST	421	414
>TP53-V143M MFCQLAKTCI	10917	>TP53-V143M MFCQLAKTCI	189	10728
>TP53-V143M KTCPVQLWV	125	>TP53-V143M KTCPMQLW\	392	267
>TP53-V143M KTCPVQLWV	53	>TP53-V143M KTCPMQLW\	351	298
>TP53-V143M KTCPVQLWV	338	>TP53-V143M KTCPMQLW\	1582	1244
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>TP53-V143M KTCPVQLWV	224	>TP53-V143M KTCPMQLW\	148	76
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>TP53-V143M KTCPVQLWV	118	>TP53-V143M KTCPMQLW\	45	73
>TP53-V143M KTCPVQLW	34	>TP53-V143M KTCPMQLW	38	4
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>TP53-V143M KTCPVQLWV	272	>TP53-V143M KTCPMQLW\	409	137
>TP53-V143M AKTCPVQL	41	>TP53-V143M AKTCPMQL	52	11
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>TP53-V143M LAKTCPVQLW	482	>TP53-V143M LAKTCPMQL\	349	133
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>TP53-V143M LAKTCPVQL	405	>TP53-V143M LAKTCPMQL	496	91
>TP53-V143M LAKTCPVQLV	45	>TP53-V143M LAKTCPMQL\	31	14
>TP53-V143M LAKTCPVQLV	42	>TP53-V143M LAKTCPMQL\	41	1
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>TP53-V143M QLAKTCPV	58	>TP53-V143M QLAKTCPM	1849	1791
>TP53-V143M QLAKTCPV	13	>TP53-V143M QLAKTCPM	161	148
>TP53-V143M QLAKTCPVQL	315	>TP53-V143M QLAKTCPMQ	100	215
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>TP53-V143M QLAKTCPVQL	383	>TP53-V143M QLAKTCPMQ	149	234
>TP53-V143M QLAKTCPV	37	>TP53-V143M QLAKTCPM	1299	1262
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>TP53-V143M QLAKTCPVQL	177	>TP53-V143M QLAKTCPMQ	177	0
>TP53-V143M QLAKTCPV	10	>TP53-V143M QLAKTCPM	1536	1526
>TP53-V143M QLAKTCPVQL	117	>TP53-V143M QLAKTCPMQ	116	1
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>TP53-V143M QLAKTCPVQL	20	>TP53-V143M QLAKTCPMQ	16	4
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>TP53-V143M QLAKTCPV	1790	>TP53-V143M QLAKTCPM	151	1639
>TP53-V143M QLAKTCPVQL	343	>TP53-V143M QLAKTCPMQ	738	395

>TP53-V143M CQLAKTCPV	121	>TP53-V143M CQLAKTCPM	3842	3721
>TP53-V143M CQLAKTCPV	173	>TP53-V143M CQLAKTCPM	5832	5659
>TP53-V143M CQLAKTCPV	22	>TP53-V143M CQLAKTCPM	297	275
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>TP53-V143M CQLAKTCPV	457	>TP53-V143M CQLAKTCPM	14833	14376
>TP53-V143M CQLAKTCPV	1648	>TP53-V143M CQLAKTCPM	127	1521
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>TP53-V143M FCQLAKTCPV	443	>TP53-V143M FCQLAKTCPM	25706	25263
>TP53-V147F WVDSTPPPG	489	>TP53-V147F WADSTPPPG	1262	773
>TP53-V147F LAKTCPVQLV	482	>TP53-V147F LAKTCPVQLV	15399	14917
>TP53-V147F LWVDSTPP	386	>TP53-V147F LWADSTPP	690	304
>TP53-V147F LWVDSTPPP	467	>TP53-V147F LWADSTPPP	785	318
>TP53-V147F LWVDSTPPPC	485	>TP53-V147F LWADSTPPPC	858	373
>TP53-V147F VQLWVDST	120	>TP53-V147F VQLWADST	142	22
>TP53-V147F CPVQLWVD	706	>TP53-V147F CPVQLWAD	477	229
>TP53-V147F KTCPVQLWV	125	>TP53-V147F KTCPVQLWA	1752	1627
>TP53-V147F KTCPVQLWV	53	>TP53-V147F KTCPVQLWA	2132	2079
>TP53-V147F KTCPVQLWV	338	>TP53-V147F KTCPVQLWA	10095	9757
>TP53-V147F KTCPVQLWV	202	>TP53-V147F KTCPVQLWA	12068	11866
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>TP53-V147F KTCPVQLWV	118	>TP53-V147F KTCPVQLWA	736	618
>TP53-V147F KTCPVQLWV	254	>TP53-V147F KTCPVQLWA	1605	1351
>TP53-V147F KTCPVQLWV	272	>TP53-V147F KTCPVQLWA	1590	1318
>TP53-V147L WVDSTPPPG	489	>TP53-V147L WDDSTPPPG	15995	15506
>TP53-V147L LAKTCPVQLV	482	>TP53-V147L LAKTCPVQLV	36372	35890
>TP53-V147L LWVDSTPP	386	>TP53-V147L LWDDSTPP	1204	818
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>TP53-V147L LWVDSTPPPC	485	>TP53-V147L LWDDSTPPPC	1400	915
>TP53-V147L VQLWVDST	120	>TP53-V147L VQLWDDST	319	199
>TP53-V147L KTCPVQLWV	125	>TP53-V147L KTCPVQLWD	28668	28543
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>TP53-V147L KTCPVQLWV	338	>TP53-V147L KTCPVQLWD	25810	25472
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>TP53-V147L KTCPVQLWV	224	>TP53-V147L KTCPVQLWD	3082	2858
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>TP53-V147L KTCPVQLWV	272	>TP53-V147L KTCPVQLWD	27186	26914
>TP53-V147E WVDSTPPPG	489	>TP53-V147E WEDSTPPPG	16885	16396
>TP53-V147E WVDSTPPPG	31684	>TP53-V147E WEDSTPPPG	63	31621

>TP53-V147E LAKTCPVQLV	482	>TP53-V147E LAKTCPVQLV	35126	34644
>TP53-V147E LWVDSTPP	386	>TP53-V147E LWEDSTPP	939	553
>TP53-V147E LWVDSTPPP	467	>TP53-V147E LWEDSTPPP	1014	547
>TP53-V147E LWVDSTPPPC	485	>TP53-V147E LWEDSTPPPC	1079	594
>TP53-V147E QLWVDSTPP	3314	>TP53-V147E QLWEDSTPPI	346	2968
>TP53-V147E VQLWVDST	120	>TP53-V147E VQLWEDST	519	399
>TP53-V147E KTCPVQLWV	125	>TP53-V147E KTCPVQLWE	26201	26076
>TP53-V147E KTCPVQLWV	53	>TP53-V147E KTCPVQLWE	26125	26072
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>TP53-V147E KTCPVQLWV	224	>TP53-V147E KTCPVQLWE	4515	4291
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>TP53-V147C WVDSTPPPG	489	>TP53-V147C WGDSTPPPG	12580	12091
>TP53-V147C LAKTCPVQLV	482	>TP53-V147C LAKTCPVQLV	34717	34235
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>TP53-V147C LWVDSTPPP	467	>TP53-V147C LWGDSTPPP	1299	832
>TP53-V147C LWVDSTPPPC	485	>TP53-V147C LWGDSTPPPC	1380	895
>TP53-V147C VQLWVDST	120	>TP53-V147C VQLWGDST	183	63
>TP53-V147C KTCPVQLWV	125	>TP53-V147C KTCPVQLWG	21536	21411
>TP53-V147C KTCPVQLWV	53	>TP53-V147C KTCPVQLWG	16434	16381
>TP53-V147C KTCPVQLWV	338	>TP53-V147C KTCPVQLWG	24850	24512
>TP53-V147C KTCPVQLWV	202	>TP53-V147C KTCPVQLWG	33691	33489
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>TP53-V147C KTCPVQLWV	118	>TP53-V147C KTCPVQLWG	2092	1974
>TP53-V147C KTCPVQLWV	254	>TP53-V147C KTCPVQLWG	3704	3450
>TP53-V147C KTCPVQLWV	272	>TP53-V147C KTCPVQLWG	7975	7703
>TP53-V147I WVDSTPPPG	489	>TP53-V147I WIDSTPPPGT	980	491
>TP53-V147I LAKTCPVQLV	482	>TP53-V147I LAKTCPVQLV	14088	13606
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>TP53-V147I LWVDSTPP	386	>TP53-V147I LWIDSTPP	637	251
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>TP53-V147I LWVDSTPPPC	485	>TP53-V147I LWIDSTPPPG	721	236
>TP53-V147I VQLWVDST	120	>TP53-V147I VQLWIDST	102	18
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>TP53-V147I KTCPVQLWV	125	>TP53-V147I KTCPVQLWI	856	731
>TP53-V147I KTCPVQLWV	53	>TP53-V147I KTCPVQLWI	636	583
>TP53-V147I KTCPVQLWV	338	>TP53-V147I KTCPVQLWI	6533	6195
>TP53-V147I KTCPVQLWV	202	>TP53-V147I KTCPVQLWI	10664	10462
>TP53-V147I KTCPVQLWV	224	>TP53-V147I KTCPVQLWI	122	102
>TP53-V147I KTCPVQLWV	1821	>TP53-V147I KTCPVQLWI	133	1688
>TP53-V147I KTCPVQLWV	118	>TP53-V147I KTCPVQLWI	27	91

>TP53-V147I·KTCVPQLWV	554	>TP53-V147I·KTCVPQLWI	31	523
>TP53-V147I·KTCVPQLWV	254	>TP53-V147I·KTCVPQLWI	185	69
>TP53-V147I·KTCVPQLWV	272	>TP53-V147I·KTCVPQLWI	13	259
>TP53-V147I·AKTCVPQLW	503	>TP53-V147I·AKTCVPQLW	341	162
>TP53-V157A VRAMAIYK	159	>TP53-V157A ARAMAIYK	67	92
>TP53-V157A VRAMAIYKQ	1352	>TP53-V157A ARAMAIYKQ	443	909
>TP53-V157A RVRAMAIY	205	>TP53-V157A RARAMAIY	1784	1579
>TP53-V157A RVRAMAIYK	28	>TP53-V157A RARAMAIYK	38	10
>TP53-V157A RVRAMAIYK	20	>TP53-V157A RARAMAIYK	41	21
>TP53-V157A RVRAMAIY	241	>TP53-V157A RARAMAIY	3811	3570
>TP53-V157A RVRAMAIY	398	>TP53-V157A RARAMAIY	2754	2356
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>TP53-V157A RVRAMAIYK	3	>TP53-V157A RARAMAIYK	3	0
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>TP53-V157A RVRAMAIYKC	9	>TP53-V157A RARAMAIYKC	18	9
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>TP53-V157A RVRAMAIYK	18	>TP53-V157A RARAMAIYK	37	19
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>TP53-V157A RVRAMAIY	2067	>TP53-V157A RARAMAIY	148	1919
>TP53-V157A RVRAMAIY	211	>TP53-V157A RARAMAIY	122	89
>TP53-V157A RVRAMAIYK	156	>TP53-V157A RARAMAIYK	413	257
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>TP53-V157A TRVRAMAIY	1130	>TP53-V157A TRARAMAIY	336	794
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>TP53-V157A TRVRAMAIY	278	>TP53-V157A TRARAMAIY	323	45
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>TP53-V157A TRVRAMAI	215	>TP53-V157A TRARAMAI	201	14
>TP53-V157A GTRVRAMAI\	269	>TP53-V157A GTRARAMAI\	181	88
>TP53-V157A GTRVRAMAI\	50	>TP53-V157A GTRARAMAI\	37	13
>TP53-V157A GTRVRAMAI\	39	>TP53-V157A GTRARAMAI\	26	13
>TP53-V157A GTRVRAMAI\	715	>TP53-V157A GTRARAMAI\	390	325
>TP53-V157A GTRVRAMA	18	>TP53-V157A GTRARAMA	12	6
>TP53-V157A GTRVRAMAI	9	>TP53-V157A GTRARAMAI	7	2
>TP53-V157A GTRVRAMAI\	30	>TP53-V157A GTRARAMAI\	22	8
>TP53-V157A GTRVRAMAI\	3	>TP53-V157A GTRARAMAI\	3	0
>TP53-V157A GTRVRAMAI\	130	>TP53-V157A GTRARAMAI\	110	20
>TP53-V157A GTRVRAMAI\	115	>TP53-V157A GTRARAMAI\	116	1
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>TP53-V157A GTRVRAMAI	40	>TP53-V157A GTRARAMAI	28	12
>TP53-V157A GTRVRAMAI\	4	>TP53-V157A GTRARAMAI\	4	0

>TP53-V157#GTRVRAMAI	122	>TP53-V157#GTRARAMAI	120	2
>TP53-V157#GTRVRAMAI	21	>TP53-V157#GTRARAMAI	23	2
>TP53-V157#GTRVRAMAI	269	>TP53-V157#GTRARAMAI	386	117
>TP53-V157#GTRVRAMAI	387	>TP53-V157#GTRARAMAI	609	222
>TP53-V157#PPGTRVRAM	68	>TP53-V157#PPGTRARAM	38	30
>TP53-V157#PPGTRVRAM	709	>TP53-V157#PPGTRARAM	431	278
>TP53-V157#PPPGRTRVRAM	370	>TP53-V157#PPPGRTRARAM	419	49
>TP53-V157#PPPGRTRVRAM	450	>TP53-V157#PPPGRTRARAM	745	295
>TP53-V157#TPPPGRTRVRA	482	>TP53-V157#TPPPGRTRARA	534	52
>TP53-V157#TPPPGRTRVRA	32	>TP53-V157#TPPPGRTRARA	23	9
>TP53-V157#TPPPGRTRVRA	139	>TP53-V157#TPPPGRTRARA	96	43
>TP53-V157#TPPPGRTRV	273	>TP53-V157#TPPPGRTRA	11326	11053
>TP53-V157#STPPPGTRV	136	>TP53-V157#STPPPGTRA	4853	4717
>TP53-V157#STPPPGTRV	116	>TP53-V157#STPPPGTRA	6556	6440
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>TP53-V157#STPPPGTRVR	129	>TP53-V157#STPPPGTRAR	80	49
>TP53-V157#STPPPGTRV	18	>TP53-V157#STPPPGTRA	165	147
>TP53-V157#STPPPGTRVR	82	>TP53-V157#STPPPGTRAR	71	11
>TP53-V157#STPPPGTRV	4	>TP53-V157#STPPPGTRA	32	28
>TP53-V157#STPPPGTRVR	96	>TP53-V157#STPPPGTRAR	204	108
>TP53-V157#STPPPGTRVR	54	>TP53-V157#STPPPGTRAR	30	24
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>TP53-V157#STPPPGTRV	311	>TP53-V157#STPPPGTRA	2071	1760
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>TP53-V157#DSTPPPGTRV	208	>TP53-V157#DSTPPPGTRA	188	20
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>TP53-V157[RVRAMAIY	205	>TP53-V157[RDRAMAIY	17585	17380
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>TP53-V157[RVRAMAIYK	20	>TP53-V157[RDRAMAIYK	6461	6441
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>TP53-V157[RVRAMAIY	107	>TP53-V157[RDRAMAIY	2462	2355
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>TP53-V157L TRVRAMAIY	278	>TP53-V157L TRDRAMAIY	2107	1829
>TP53-V157L TRVRAMAI	215	>TP53-V157L TRDRAMAI	219	4
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>TP53-V157L GTRVRAMAI'	50	>TP53-V157L GTRDRAMAI'	59	9
>TP53-V157L GTRVRAMAI'	39	>TP53-V157L GTRDRAMAI'	28	11
>TP53-V157L GTRVRAMAI'	715	>TP53-V157L GTRDRAMAI'	369	346
>TP53-V157L GTRVRAMA	18	>TP53-V157L GTRDRAMA	29	11
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>TP53-V157L GTRVRAMAI'	30	>TP53-V157L GTRDRAMAI'	39	9
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>TP53-V157L GTRVRAMAI'	115	>TP53-V157L GTRDRAMAI'	181	66
>TP53-V157L GTRVRAMAI'	671	>TP53-V157L GTRDRAMAI'	373	298
>TP53-V157L GTRVRAMAI'	405	>TP53-V157L GTRDRAMAI'	250	155
>TP53-V157L GTRVRAMAI	40	>TP53-V157L GTRDRAMAI	28	12
>TP53-V157L GTRVRAMAI'	4	>TP53-V157L GTRDRAMAI'	4	0
>TP53-V157L GTRVRAMAI	122	>TP53-V157L GTRDRAMAI	84	38
>TP53-V157L GTRVRAMAI'	21	>TP53-V157L GTRDRAMAI'	22	1
>TP53-V157L GTRVRAMAI'	269	>TP53-V157L GTRDRAMAI'	283	14
>TP53-V157L GTRVRAMAI	387	>TP53-V157L GTRDRAMAI	529	142
>TP53-V157L PPGTRVRAM	68	>TP53-V157L PPGTRDRAM	138	70
>TP53-V157L PPPGTRVRAM	370	>TP53-V157L PPPGTRDRAM	496	126
>TP53-V157L PPPGTRVRAM	450	>TP53-V157L PPPGTRDRAM	545	95
>TP53-V157L TPPPGRVRA	482	>TP53-V157L TPPPGRDRA	356	126
>TP53-V157L TPPPGRVRA	32	>TP53-V157L TPPPGRDRA	54	22
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>TP53-V157L STPPPGRVVR	129	>TP53-V157L STPPPGRDR	236	107
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>TP53-V157L STPPPGRVVR	96	>TP53-V157L STPPPGRDR	576	480
>TP53-V157L STPPPGRVVR	54	>TP53-V157L STPPPGRDR	99	45
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>TP53-V157L STPPPGRV	311	>TP53-V157L STPPPGRD	31485	31174
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>TP53-V157L DSTPPPGRV	208	>TP53-V157L DSTPPPGRD	345	137
>TP53-V157F VRAMAIYK	3568	>TP53-V157F FRAMAIYK	335	3233
>TP53-V157F VRAMAIYK	159	>TP53-V157F FRAMAIYK	38	121
>TP53-V157F VRAMAIYKQ	1352	>TP53-V157F FRAMAIYKQ	254	1098

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>TP53-V157F RVRAMAIY	398	>TP53-V157F RFRAMAIY	127	271
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>TP53-V157F RVRAMAIYK	3	>TP53-V157F RFRAMAIYK	3	0
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>TP53-V157F RVRAMAIYKC	9	>TP53-V157F RFRAMAIYKC	20	11
>TP53-V157F RVRAMAIY	107	>TP53-V157F RFRAMAIY	307	200
>TP53-V157F RVRAMAIYK	18	>TP53-V157F RFRAMAIYK	12	6
>TP53-V157F RVRAMAIY	26	>TP53-V157F RFRAMAIY	133	107
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>TP53-V157F RVRAMAIYK	156	>TP53-V157F RFRAMAIYK	25	131
>TP53-V157F TRVRAMAIYK	1127	>TP53-V157F TRFRAMAIYK	375	752
>TP53-V157F TRVRAMAIY	62	>TP53-V157F TRFRAMAIY	2304	2242
>TP53-V157F TRVRAMAIY	1130	>TP53-V157F TRFRAMAIY	348	782
>TP53-V157F TRVRAMAIYK	765	>TP53-V157F TRFRAMAIYK	276	489
>TP53-V157F TRVRAMAI	746	>TP53-V157F TRFRAMAI	162	584
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>TP53-V157F GTRVRAMAI	715	>TP53-V157F GTRFRAMAI	414	301
>TP53-V157F GTRVRAMA	18	>TP53-V157F GTRFRAMA	14	4
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>TP53-V157F GTRVRAMAI	30	>TP53-V157F GTRFRAMAI	25	5
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>TP53-V157F GTRVRAMAI	405	>TP53-V157F GTRFRAMAI	323	82
>TP53-V157F GTRVRAMAI	40	>TP53-V157F GTRFRAMAI	36	4

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>TP53-V157FGTRVRAMAI	21	>TP53-V157FGTRFRAMAI	19	2
>TP53-V157FGTRVRAMAI	269	>TP53-V157FGTRFRAMAI	218	51
>TP53-V157FGTRVRAMAI	387	>TP53-V157FGTRFRAMAI	679	292
>TP53-V157FPPGTRVRAM	68	>TP53-V157FPPGTRFRAM	46	22
>TP53-V157FPPGTRVRAM	1110	>TP53-V157FPPGTRFRAM	170	940
>TP53-V157FPPGTRVRAM	1167	>TP53-V157FPPGTRFRAM	450	717
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>TP53-V157FPPPGTRVRAM	450	>TP53-V157FPPPGTRFRAM	213	237
>TP53-V157FTPPPGTRV	763	>TP53-V157FTPPPGTRF	159	604
>TP53-V157FTPPPGTRVRA	482	>TP53-V157FTPPPGTRFRA	219	263
>TP53-V157FTPPPGTRVRA	32	>TP53-V157FTPPPGTRFRA	39	7
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>TP53-V157FTPPPGTRVRA	139	>TP53-V157FTPPPGTRFRA	155	16
>TP53-V157FTPPPGTRV	273	>TP53-V157FTPPPGTRF	85	188
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>TP53-V157FSTPPPGTRV	136	>TP53-V157FSTPPPGTRF	18926	18790
>TP53-V157FSTPPPGTRV	116	>TP53-V157FSTPPPGTRF	26185	26069
>TP53-V157FSTPPPGTRVR	851	>TP53-V157FSTPPPGTRFR	158	693
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>TP53-V157FSTPPPGTRVR	129	>TP53-V157FSTPPPGTRFR	19	110
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>TP53-V157FSTPPPGTRVR	82	>TP53-V157FSTPPPGTRFR	56	26
>TP53-V157FSTPPPGTRV	1690	>TP53-V157FSTPPPGTRF	7	1683
>TP53-V157FSTPPPGTRV	4	>TP53-V157FSTPPPGTRF	3	1
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>TP53-V157FSTPPPGTRVR	1826	>TP53-V157FSTPPPGTRFR	344	1482
>TP53-V157FSTPPPGTRV	311	>TP53-V157FSTPPPGTRF	1019	708
>TP53-V157FDSTPPPGTRV	372	>TP53-V157FDSTPPPGTRF	58	314
>TP53-V157FDSTPPPGTRV	208	>TP53-V157FDSTPPPGTRF	39	169
>TP53-V157FDSTPPPGTRV	6868	>TP53-V157FDSTPPPGTRF	19	6849
>TP53-V157FDSTPPPGTRV	3923	>TP53-V157FDSTPPPGTRF	447	3476
>TP53-V157CVRAMAIYK	159	>TP53-V157CGRAMAIYK	86	73
>TP53-V157CVRAMAIYKQ	1352	>TP53-V157CGRAMAIYKQ	470	882
>TP53-V157CRVRAMAIY	205	>TP53-V157CRGRAMAIY	7195	6990
>TP53-V157CRVRAMAIYK	28	>TP53-V157CRGRAMAIYK	77	49
>TP53-V157CRVRAMAIYK	20	>TP53-V157CRGRAMAIYK	431	411
>TP53-V157CRVRAMAIY	241	>TP53-V157CRGRAMAIY	19079	18838
>TP53-V157CRVRAMAIY	398	>TP53-V157CRGRAMAIY	5898	5500
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>TP53-V157C RVRAMAIYKC	9	>TP53-V157C RGRAMAIYKC	117	108
>TP53-V157C RVRAMAIY	107	>TP53-V157C RGRAMAIY	235	128
>TP53-V157C RVRAMAIYK	18	>TP53-V157C RGRAMAIYK	240	222
>TP53-V157C RVRAMAIY	26	>TP53-V157C RGRAMAIY	1773	1747
>TP53-V157C RVRAMAIY	85	>TP53-V157C RGRAMAIY	203	118
>TP53-V157C RVRAMAIY	311	>TP53-V157C RGRAMAIY	614	303
>TP53-V157C RVRAMAIY	7	>TP53-V157C RGRAMAIY	21	14
>TP53-V157C RVRAMAIY	211	>TP53-V157C RGRAMAIY	592	381
>TP53-V157C RVRAMAIYK	156	>TP53-V157C RGRAMAIYK	228	72
>TP53-V157C TRVRAMAIY	62	>TP53-V157C TRGRAMAIY	1596	1534
>TP53-V157C TRVRAMAIY	278	>TP53-V157C TRGRAMAIY	1253	975
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>TP53-V157C GTRVRAMAI'	269	>TP53-V157C GTRGRAMAI'	279	10
>TP53-V157C GTRVRAMAI'	50	>TP53-V157C GTRGRAMAI'	44	6
>TP53-V157C GTRVRAMAI'	39	>TP53-V157C GTRGRAMAI'	39	0
>TP53-V157C GTRVRAMAI'	715	>TP53-V157C GTRGRAMAI'	206	509
>TP53-V157C GTRVRAMA	18	>TP53-V157C GTRGRAMA	25	7
>TP53-V157C GTRVRAMAI	9	>TP53-V157C GTRGRAMAI	12	3
>TP53-V157C GTRVRAMAI'	30	>TP53-V157C GTRGRAMAI'	44	14
>TP53-V157C GTRVRAMAI'	3	>TP53-V157C GTRGRAMAI'	4	1
>TP53-V157C GTRVRAMAI'	130	>TP53-V157C GTRGRAMAI'	91	39
>TP53-V157C GTRVRAMAI'	115	>TP53-V157C GTRGRAMAI'	250	135
>TP53-V157C GTRVRAMAI	2287	>TP53-V157C GTRGRAMAI	287	2000
>TP53-V157C GTRVRAMAI'	405	>TP53-V157C GTRGRAMAI'	329	76
>TP53-V157C GTRVRAMAI	40	>TP53-V157C GTRGRAMAI	29	11
>TP53-V157C GTRVRAMAI'	4	>TP53-V157C GTRGRAMAI'	5	1
>TP53-V157C GTRVRAMAI	122	>TP53-V157C GTRGRAMAI	70	52
>TP53-V157C GTRVRAMAI'	21	>TP53-V157C GTRGRAMAI'	23	2
>TP53-V157C GTRVRAMAI'	269	>TP53-V157C GTRGRAMAI'	378	109
>TP53-V157C GTRVRAMAI	387	>TP53-V157C GTRGRAMAI	873	486
>TP53-V157C PGTRVRAMA	619	>TP53-V157C PGTRGRAMA	492	127
>TP53-V157C PPGTRVRAM	68	>TP53-V157C PPGTRGRAM	17	51
>TP53-V157C PPGTRVRAM	709	>TP53-V157C PPGTRGRAM	205	504
>TP53-V157C PPPGTRVRAM	370	>TP53-V157C PPPGTRGRAM	397	27
>TP53-V157C PPPGTRVRAM	450	>TP53-V157C PPPGTRGRAM	759	309
>TP53-V157C PPPGTRVRAM	1827	>TP53-V157C PPPGTRGRAM	316	1511
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>TP53-V157C TPPPGRVRA	32	>TP53-V157C TPPPGRGRA	26	6
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>TP53-V157C TPPPGRV	273	>TP53-V157C TPPPGRG	14699	14426
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>TP53-V157C-STPPPGRV	116	>TP53-V157C-STPPPGRG	31074	30958
>TP53-V157C-STPPPGRVR	730	>TP53-V157C-STPPPGRGR	349	381
>TP53-V157C-STPPPGRV	129	>TP53-V157C-STPPPGRGR	96	33
>TP53-V157C-STPPPGRV	18	>TP53-V157C-STPPPGRG	8292	8274
>TP53-V157C-STPPPGRVR	82	>TP53-V157C-STPPPGRGR	168	86
>TP53-V157C-STPPPGRV	4	>TP53-V157C-STPPPGRG	69	65
>TP53-V157C-STPPPGRVR	96	>TP53-V157C-STPPPGRGR	347	251
>TP53-V157C-STPPPGRV	54	>TP53-V157C-STPPPGRGR	152	98
>TP53-V157C-STPPPGRV	259	>TP53-V157C-STPPPGRG	4218	3959
>TP53-V157C-STPPPGRV	311	>TP53-V157C-STPPPGRG	10141	9830
>TP53-V157C-DSTPPPGRV	372	>TP53-V157C-DSTPPPGRG	379	7
>TP53-V157C-DSTPPPGRV	208	>TP53-V157C-DSTPPPGRG	175	33
>TP53-V157I·VRAMAIYK	159	>TP53-V157I·IRAMAIYK	137	22
>TP53-V157I·RVRAMAIY	205	>TP53-V157I·RIRAMAIY	212	7
>TP53-V157I·RVRAMAIYK	28	>TP53-V157I·RIRAMAIYK	26	2
>TP53-V157I·RVRAMAIYK	20	>TP53-V157I·RIRAMAIYK	22	2
>TP53-V157I·RVRAMAIY	241	>TP53-V157I·RIRAMAIY	776	535
>TP53-V157I·RVRAMAIY	398	>TP53-V157I·RIRAMAIY	670	272
>TP53-V157I·RVRAMAIY	5	>TP53-V157I·RIRAMAIY	8	3
>TP53-V157I·RVRAMAIYK	3	>TP53-V157I·RIRAMAIYK	3	0
>TP53-V157I·RVRAMAIYK	10	>TP53-V157I·RIRAMAIYKQ	22	12
>TP53-V157I·RVRAMAIYK	9	>TP53-V157I·RIRAMAIYKQ	18	9
>TP53-V157I·RVRAMAIY	107	>TP53-V157I·RIRAMAIY	135	28
>TP53-V157I·RVRAMAIYK	18	>TP53-V157I·RIRAMAIYK	29	11
>TP53-V157I·RVRAMAIY	26	>TP53-V157I·RIRAMAIY	65	39
>TP53-V157I·RVRAMAIY	85	>TP53-V157I·RIRAMAIY	84	1
>TP53-V157I·RVRAMAIY	311	>TP53-V157I·RIRAMAIY	230	81
>TP53-V157I·RVRAMAIY	7	>TP53-V157I·RIRAMAIY	22	15
>TP53-V157I·RVRAMAIY	211	>TP53-V157I·RIRAMAIY	299	88
>TP53-V157I·RVRAMAIYK	156	>TP53-V157I·RIRAMAIYK	62	94
>TP53-V157I·TRVRAMAIY	62	>TP53-V157I·TRIRAMAIY	33	29
>TP53-V157I·TRVRAMAIYK	765	>TP53-V157I·TRIRAMAIYK	326	439
>TP53-V157I·TRVRAMAIY	278	>TP53-V157I·TRIRAMAIY	213	65
>TP53-V157I·TRVRAMAI	542	>TP53-V157I·TRIRAMAI	352	190
>TP53-V157I·TRVRAMAIYK	733	>TP53-V157I·TRIRAMAIYK	305	428
>TP53-V157I·TRVRAMAI	215	>TP53-V157I·TRIRAMAI	151	64
>TP53-V157I·GTRVRAMAI	269	>TP53-V157I·GTRIRAMAIY	221	48
>TP53-V157I·GTRVRAMAI	50	>TP53-V157I·GTRIRAMAIY	53	3
>TP53-V157I·GTRVRAMAI	39	>TP53-V157I·GTRIRAMAIY	45	6
>TP53-V157I·GTRVRAMA	18	>TP53-V157I·GTRIRAMA	22	4
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>TP53-V157I·GTRVRAMAI	30	>TP53-V157I·GTRIRAMAIY	40	10
>TP53-V157I·GTRVRAMAI	3	>TP53-V157I·GTRIRAMAIY	4	1

>TP53-V157I·GTRVRAMAI	130	>TP53-V157I·GTRIRAMAIY	127	3
>TP53-V157I·GTRVRAMAI	115	>TP53-V157I·GTRIRAMAIY	137	22
>TP53-V157I·GTRVRAMAI	405	>TP53-V157I·GTRIRAMAIY	502	97
>TP53-V157I·GTRVRAMAI	40	>TP53-V157I·GTRIRAMAI	19	21
>TP53-V157I·GTRVRAMAI	4	>TP53-V157I·GTRIRAMAIY	4	0
>TP53-V157I·GTRVRAMAI	122	>TP53-V157I·GTRIRAMAI	167	45
>TP53-V157I·GTRVRAMAI	21	>TP53-V157I·GTRIRAMAIY	19	2
>TP53-V157I·GTRVRAMAI	269	>TP53-V157I·GTRIRAMAIY	214	55
>TP53-V157I·GTRVRAMAI	387	>TP53-V157I·GTRIRAMAI	322	65
>TP53-V157I·PGTRVRAMA	619	>TP53-V157I·PGTRIRAMAI	412	207
>TP53-V157I·PPGTRVRAM	68	>TP53-V157I·PPGTRIRAM	90	22
>TP53-V157I·PPPGRTRVRAM	370	>TP53-V157I·PPPGRTRIRAM	399	29
>TP53-V157I·PPPGRTRVRAM	450	>TP53-V157I·PPPGRTRIRAM	435	15
>TP53-V157I·TPPPGTRV	763	>TP53-V157I·TPPPGTRI	388	375
>TP53-V157I·TPPPGTRVRA	482	>TP53-V157I·TPPPGTRIRAI	554	72
>TP53-V157I·TPPPGTRVRA	32	>TP53-V157I·TPPPGTRIRAI	38	6
>TP53-V157I·TPPPGTRVRA	139	>TP53-V157I·TPPPGTRIRAI	187	48
>TP53-V157I·TPPPGTRV	273	>TP53-V157I·TPPPGTRI	85	188
>TP53-V157I·TPPPGTRVRA	727	>TP53-V157I·TPPPGTRIRAI	380	347
>TP53-V157I·STPPPGTRV	136	>TP53-V157I·STPPPGTRI	1706	1570
>TP53-V157I·STPPPGTRV	116	>TP53-V157I·STPPPGTRI	5980	5864
>TP53-V157I·STPPPGTRVR	129	>TP53-V157I·STPPPGTRIR	98	31
>TP53-V157I·STPPPGTRV	18	>TP53-V157I·STPPPGTRI	57	39
>TP53-V157I·STPPPGTRVR	82	>TP53-V157I·STPPPGTRIR/	145	63
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>TP53-V157I·STPPPGTRVR	96	>TP53-V157I·STPPPGTRIR	56	40
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>TP53-V157I·STPPPGTRV	259	>TP53-V157I·STPPPGTRI	183	76
>TP53-V157I·STPPPGTRV	311	>TP53-V157I·STPPPGTRI	13	298
>TP53-V157I·DSTPPPGTRV	372	>TP53-V157I·DSTPPPGTRII	526	154
>TP53-V157I·DSTPPPGTRV	208	>TP53-V157I·DSTPPPGTRII	226	18
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>TP53-V157L·VRAMAIYK	159	>TP53-V157L·LRAMAIYK	82	77
>TP53-V157L·RVRAMAIY	205	>TP53-V157L·RLRAMAIY	99	106
>TP53-V157L·RVRAMAIYK	28	>TP53-V157L·RLRAMAIYK	24	4
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>TP53-V157L·RVRAMAIY	241	>TP53-V157L·RLRAMAIY	3973	3732
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>TP53-V157L·RVRAMAIY	5	>TP53-V157L·RLRAMAIY	15	10
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>TP53-V157L·RVRAMAIYKC	10	>TP53-V157L·RLRAMAIYKC	49	39
>TP53-V157L·RVRAMAIYKC	9	>TP53-V157L·RLRAMAIYKC	40	31

>TP53-V157L RVRAMAIY	107	>TP53-V157L RLRAMAIY	114	7
>TP53-V157L RVRAMAIYK	18	>TP53-V157L RLRAMAIYK	32	14
>TP53-V157L RVRAMAIY	26	>TP53-V157L RLRAMAIY	26	0
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>TP53-V157L RVRAMAIY	1402	>TP53-V157L RLRAMAIY	207	1195
>TP53-V157L RVRAMAIY	311	>TP53-V157L RLRAMAIY	45	266
>TP53-V157L RVRAMAIY	7	>TP53-V157L RLRAMAIY	21	14
>TP53-V157L RVRAMAIY	211	>TP53-V157L RLRAMAIY	887	676
>TP53-V157L RVRAMAIYK	156	>TP53-V157L RLRAMAIYK	84	72
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>TP53-V157L TRVRAMAIY	278	>TP53-V157L TRLRAMAIY	223	55
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>TP53-V157L TRVRAMAIYK	733	>TP53-V157L TRLRAMAIYK	467	266
>TP53-V157L TRVRAMAI	215	>TP53-V157L TRLRAMAI	242	27
>TP53-V157L GTRVRAMAI	269	>TP53-V157L GTRLRAMAIY	239	30
>TP53-V157L GTRVRAMAI	50	>TP53-V157L GTRLRAMAIY	53	3
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>TP53-V157L GTRVRAMA	18	>TP53-V157L GTRLRAMA	24	6
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>TP53-V157L GTRVRAMAI	130	>TP53-V157L GTRLRAMAIY	110	20
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>TP53-V157L GTRVRAMAI	4	>TP53-V157L GTRLRAMAIY	5	1
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>TP53-V157L GTRVRAMAI	21	>TP53-V157L GTRLRAMAIY	18	3
>TP53-V157L GTRVRAMAI	269	>TP53-V157L GTRLRAMAIY	424	155
>TP53-V157L GTRVRAMAI	387	>TP53-V157L GTRLRAMAI	858	471
>TP53-V157L PPGTRVRAM	68	>TP53-V157L PPGTRLRAM	53	15
>TP53-V157L PPPGTRVRAM	370	>TP53-V157L PPPGTRLRAM	496	126
>TP53-V157L PPPGTRVRAM	450	>TP53-V157L PPPGTRLRAM	599	149
>TP53-V157L TPPPGRV	763	>TP53-V157L TPPPGTRL	202	561
>TP53-V157L TPPPGRVRA	482	>TP53-V157L TPPPGTRLRA	627	145
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>TP53-V157L TPPPGRVRA	32	>TP53-V157L TPPPGTRLRA	41	9
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>TP53-V157L TPPPGRV	273	>TP53-V157L TPPPGTRL	30	243
>TP53-V157L TPPPGRVRA	727	>TP53-V157L TPPPGTRLRA	466	261
>TP53-V157L STPPPGRV	136	>TP53-V157L STPPPGTRL	2054	1918

>TP53-V157L STPPPGRV	116	>TP53-V157L STPPPGRV	2032	1916
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>TP53-V157L STPPPGRV	18	>TP53-V157L STPPPGRV	107	89
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>TP53-V157L STPPPGRV	311	>TP53-V157L STPPPGRV	62	249
>TP53-V157L DSTPPPGRV	372	>TP53-V157L DSTPPPGRV	130	242
>TP53-V157L DSTPPPGRV	208	>TP53-V157L DSTPPPGRV	83	125
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>TP53-V172/VVRRCPHH	1099	>TP53-V172/VVRRCPHH	104	995
>TP53-V172/VVRRCPHHE	2903	>TP53-V172/VVRRCPHHE	350	2553
>TP53-V172/VVRRCPHHEI	145	>TP53-V172/VVRRCPHHEI	17	128
>TP53-V172/VVRRCPHHEI	63	>TP53-V172/VVRRCPHHEI	35	28
>TP53-V172/VVRRCPHHEI	4041	>TP53-V172/VVRRCPHHEI	461	3580
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>TP53-V172/EVRRCPHH	98	>TP53-V172/EVRRCPHH	3556	3458
>TP53-V172/EVRRCPHHE	428	>TP53-V172/EVRRCPHHE	8838	8410
>TP53-V172/EVRRCPHHEI	371	>TP53-V172/EVRRCPHHEI	682	311
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>TP53-V172/EVRRCPHHEI	5	>TP53-V172/EVRRCPHHEI	7	2
>TP53-V172/IYKQSQHMTI	402	>TP53-V172/IYKQSQHMTI	9013	8611
>TP53-V172/HMTEVRRRC	38	>TP53-V172/HMTEVRRRC	217	179
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>TP53-V172/HMTEVRRR	38	>TP53-V172/HMTEVRRR	92	54
>TP53-V172/HMTEVRRR	65	>TP53-V172/HMTEVRRR	218	153
>TP53-V172/HMTEVRRR	35	>TP53-V172/HMTEVRRR	60	25
>TP53-V172/HMTEVRRR	64	>TP53-V172/HMTEVRRR	46	18
>TP53-V172/QHMTEVVR	269	>TP53-V172/QHMTEVVR	379	110
>TP53-V172/QHMTEVVR	195	>TP53-V172/QHMTEVVR	142	53
>TP53-V172/SQHMTEVV	670	>TP53-V172/SQHMTEVV	190	480
>TP53-V172/SQHMTEVV	115	>TP53-V172/SQHMTEVV	33	82
>TP53-V172/SQHMTEVV	256	>TP53-V172/SQHMTEVV	119	137
>TP53-V172/SQHMTEVVR	115	>TP53-V172/SQHMTEVVR	76	39
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>TP53-V172/SQHMTEVVR	162	>TP53-V172/SQHMTEVVR	389	227
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>TP53-V172/SQHMTEVVR	363	>TP53-V172/SQHMTEAVR	433	70
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>TP53-V172/QSQHMTEVV	185	>TP53-V172/QSQHMTEAV	183	2
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>TP53-V172/QSQHMTEVV	306	>TP53-V172/QSQHMTEAV	437	131
>TP53-V172/KSQSQHMTEV	82	>TP53-V172/KSQSQHMTEA	1830	1748
>TP53-V172/KSQSQHMTEV	51	>TP53-V172/KSQSQHMTEA	278	227
>TP53-V172/KSQSQHMTEV	298	>TP53-V172/KSQSQHMTEA	146	152
>TP53-V172/KSQSQHMTEV	9	>TP53-V172/KSQSQHMTEA	51	42
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>TP53-V172/KSQSQHMTEV	10	>TP53-V172/KSQSQHMTEA	36	26
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>TP53-V172/KSQSQHMTEV	426	>TP53-V172/KSQSQHMTEA	10078	9652
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>TP53-V172/KSQSQHMTEV	35	>TP53-V172/KSQSQHMTEA	28	7
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>TP53-V172/KSQSQHMTEV	86	>TP53-V172/KSQSQHMTEA	440	354
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>TP53-V172/KSQSQHMTEV	185	>TP53-V172/KSQSQHMTEA	345	160
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>TP53-V172/YKQSQHMTE	467	>TP53-V172/YKQSQHMTE	15229	14762
>TP53-V172/YKQSQHMTE	30	>TP53-V172/YKQSQHMTE	146	116
>TP53-V172/YKQSQHMTE	42	>TP53-V172/YKQSQHMTE	28	14
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>TP53-V172[VVRRCPHHEI	534	>TP53-V172[VVRRCPHHEI	67	467
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>TP53-V172[EVVRRCPHHE	5	>TP53-V172[EDVRRCPHHE	257	252
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>TP53-V172[HMTEVVRRRC	38	>TP53-V172[HMTEVVRRRC	195	157
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>TP53-V172[HMTEVVRR	35	>TP53-V172[HMTEVVRR	115	80
>TP53-V172[HMTEVVRR	64	>TP53-V172[HMTEVVRR	56	8
>TP53-V172[QHMTEVVR	269	>TP53-V172[QHMTEVVR	610	341

>TP53-V172[ QHMTEVRR	195	>TP53-V172[ QHMTEDVRF	140	55
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>TP53-V172[ SQHMTEVV	256	>TP53-V172[ SQHMTEDV	1237	981
>TP53-V172[ SQHMTEVVR	115	>TP53-V172[ SQHMTEDVR	1662	1547
>TP53-V172[ SQHMTEVV	88	>TP53-V172[ SQHMTEDV	384	296
>TP53-V172[ SQHMTEVVR	162	>TP53-V172[ SQHMTEDVR	1571	1409
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>TP53-V172[ QSQHMTEVV	230	>TP53-V172[ QSQHMTEDV	1430	1200
>TP53-V172[ QSQHMTEVV	321	>TP53-V172[ QSQHMTEDV	644	323
>TP53-V172[ QSQHMTEVV	185	>TP53-V172[ QSQHMTEDV	244	59
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>TP53-V172[ QSQHMTEVV	306	>TP53-V172[ QSQHMTEDV	615	309
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>TP53-V172[ KQSQHMTEV	298	>TP53-V172[ KQSQHMTEDE	579	281
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>TP53-V172[ KQSQHMTEV	273	>TP53-V172[ KQSQHMTEDE	427	154
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>TP53-V172[ KQSQHMTEV	426	>TP53-V172[ KQSQHMTEDE	30242	29816
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>TP53-V172[ KQSQHMTEV	222	>TP53-V172[ KQSQHMTEDE	1761	1539
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>TP53-V172[ KQSQHMTEV	110	>TP53-V172[ KQSQHMTEDE	262	152
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>TP53-V172[ YKQSQHMTE	42	>TP53-V172[ YKQSQHMTE	90	48
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>TP53-V172F VVRRCPHHEF	534	>TP53-V172F FVRRCPHHEF	139	395
>TP53-V172F VVRRCPHHEF	3715	>TP53-V172F FVRRCPHHEF	326	3389
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>TP53-V172I·KQSQHMTEV	35	>TP53-V172I·KQSQHMTEI\	55	20
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>TP53-V173A·YKQSQHMTE	42	>TP53-V173A·YKQSQHMTE	202	160
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>TP53-V173#EVVRRCPHHEF	63	>TP53-V173#VERRCPHHEF	1583	1520
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>TP53-V173E SQHMTEVV	88	>TP53-V173E SQHMTEVE	6649	6561
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>TP53-V173E SQHMTEVVR	434	>TP53-V173E SQHMTEVER	757	323
>TP53-V173E SQHMTEVVR	363	>TP53-V173E SQHMTEVER	874	511
>TP53-V173E QSQHMTEVV	230	>TP53-V173E QSQHMTEVE	134	96
>TP53-V173E QSQHMTEVV	321	>TP53-V173E QSQHMTEVE	759	438
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>TP53-V173E QSQHMTEVV	185	>TP53-V173E QSQHMTEVE	196	11
>TP53-V173E QSQHMTEVV	303	>TP53-V173E QSQHMTEVE	24368	24065
>TP53-V173E QSQHMTEVV	306	>TP53-V173E QSQHMTEVE	489	183
>TP53-V173E KQSQHMTEV	298	>TP53-V173E KQSQHMTEV	23410	23112
>TP53-V173E KQSQHMTEV	273	>TP53-V173E KQSQHMTEV	25440	25167
>TP53-V173E KQSQHMTEV	35	>TP53-V173E KQSQHMTEV	25	10
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>TP53-V173E KQSQHMTEV	110	>TP53-V173E KQSQHMTEV	5195	5085
>TP53-V173E KQSQHMTEV	185	>TP53-V173E KQSQHMTEV	225	40
>TP53-V173E KQSQHMTEV	60	>TP53-V173E KQSQHMTEV	75	15
>TP53-V173C VVRRCPHHEI	145	>TP53-V173C VGRRCPHHEI	3156	3011
>TP53-V173C VVRRCPHHEI	63	>TP53-V173C VGRRCPHHEI	1092	1029
>TP53-V173C YKQSQHMTE	42	>TP53-V173C YKQSQHMTE	2347	2305
>TP53-V173C EVVRRCPH	400	>TP53-V173C EVGRRCPH	6385	5985
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>TP53-V173C EVVRRCPHHE	428	>TP53-V173C EVGRRCPHHE	6987	6559
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>TP53-V173C HMTEVVRR	38	>TP53-V173C HMTEVGRR	162	124
>TP53-V173C HMTEVVRR	38	>TP53-V173C HMTEVGRR	102	64
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>TP53-V173C HMTEVVRR	35	>TP53-V173C HMTEVGRR	98	63
>TP53-V173C HMTEVVRR	64	>TP53-V173C HMTEVGRR	235	171
>TP53-V173C QHMTEVVR	269	>TP53-V173C QHMTEVGR	357	88
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>TP53-V173C(SQHMTEVV	256	>TP53-V173C(SQHMTEVG	26079	25823
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>TP53-V173L(VRRCPHHER	680	>TP53-V173L(LRRCPHHER	417	263
>TP53-V173L(VVRRCPHHEF	13433	>TP53-V173L(VLRRCPHHEF	120	13313
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>TP53-V173L(YKQSQHMTE	42	>TP53-V173L(YKQSQHMTE	18	24
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>TP53-V173L(EVRRCPH	400	>TP53-V173L(EVLRRCPH	2964	2564
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>TP53-V173L(EVRRCPHHE	428	>TP53-V173L(EVLRRCPHHE	3113	2685
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>TP53-V173L(HMTEVVRR	35	>TP53-V173L(HMTEVLRR	68	33
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>TP53-V173L(QHMTEVVRR	269	>TP53-V173L(QHMTEVLR	178	91
>TP53-V173L(QHMTEVVRR	195	>TP53-V173L(QHMTEVLR	167	28
>TP53-V173L(SQHMTEVV	115	>TP53-V173L(SQHMTEVL	820	705
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>TP53-V173L SQHMTEVVR	1468	>TP53-V173L SQHMTEVLR	444	1024
>TP53-V173L SQHMTEVV	504	>TP53-V173L SQHMTEVL	198	306
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>TP53-V173L SQHMTEVV	1657	>TP53-V173L SQHMTEVL	95	1562
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>TP53-V173L SQHMTEVVR	363	>TP53-V173L SQHMTEVLR	324	39
>TP53-V173L QSQHMTEVV	230	>TP53-V173L QSQHMTEVL	77	153
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>TP53-V173L QSQHMTEVV	973	>TP53-V173L QSQHMTEVL	176	797
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>TP53-V173L QSQHMTEVV	303	>TP53-V173L QSQHMTEVL	2980	2677
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>TP53-V173L KQSQHMTEV	273	>TP53-V173L KQSQHMTEV	1415	1142
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>TP53-V173L KQSQHMTEV	110	>TP53-V173L KQSQHMTEV	51	59
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>TP53-V173L KQSQHMTEV	60	>TP53-V173L KQSQHMTEV	49	11
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>TP53-V173M VRRCPHHEI	13433	>TP53-V173M VMRRCPHHE	245	13188
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>TP53-V173M VRRCPHHEI	63	>TP53-V173M VMRRCPHHE	33	30
>TP53-V173M VRRCPHHEI	534	>TP53-V173M VMRRCPHHE	313	221
>TP53-V173M VRRCPHHEI	11393	>TP53-V173M VMRRCPHHE	488	10905
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>TP53-V173M YKQSQHMTE	42	>TP53-V173M YKQSQHMTE	13	29
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>TP53-V173M EVVRRCPH	400	>TP53-V173M EVMRRCPH	1112	712
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>TP53-V173M EVVRRCPHHE	428	>TP53-V173M EVMRRCPHH	1215	787
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>TP53-V173M EVVRRCPHHE	53	>TP53-V173M EVMRRCPHH	23	30
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>TP53-V173M QHMTEVVR	269	>TP53-V173M QHMTEVMR	369	100
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>TP53-V173M SQHMTEVVR	162	>TP53-V173M SQHMTEVMF	270	108
>TP53-V173M SQHMTEVV	1657	>TP53-V173M SQHMTEVM	473	1184
>TP53-V173M SQHMTEVVR	434	>TP53-V173M SQHMTEVMF	575	141
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>TP53-V173M QSQHMTEVV	230	>TP53-V173M QSQHMTEVM	100	130
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>TP53-V173M KQSQHMTEV	273	>TP53-V173M KQSQHMTEV	5240	4967
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>TP53-V173M VRRCPHHER	680	>TP53-V173M VRRCPHHER	442	238
>TP53-V173M VVRRCPHHEI	145	>TP53-V173M VWRRCPHHE	1815	1670
>TP53-V173M VVRRCPHHEI	63	>TP53-V173M VWRRCPHHE	168	105
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>TP53-V173M YKQSQHMTE	42	>TP53-V173M YKQSQHMTE	76	34
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>TP53-V173M EVVRRCPH	400	>TP53-V173M EVVRRCPH	3084	2684
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>TP53-V173\TEVVRRCPH	2407	>TP53-V173\TEVWRRCPH	447	1960
>TP53-V173\HMTEVRRRC	38	>TP53-V173\HMTEVWRRRC	112	74
>TP53-V173\HMTEVVRR	38	>TP53-V173\HMTEVWRR	28	10
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>TP53-V173\QHMTEVVR	269	>TP53-V173\QHMTEVWR	188	81
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>TP53-V173\QSQHMTEVV	10991	>TP53-V173\QSQHMTEVV	32	10959
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>TP53-V173\KQSQHMTEV	298	>TP53-V173\KQSQHMTEV	23733	23435
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>TP53-V173\KQSQHMTEV	222	>TP53-V173\KQSQHMTEV	132	90
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>TP53-V173\KQSQHMTEV	18168	>TP53-V173\KQSQHMTEV	42	18126
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>TP53-V197\VEGNLRVEYL	312	>TP53-V197\VEGNLRVEYL	839	527
>TP53-V197\VEGNLRVEY	67	>TP53-V197\VEGNLRVEY	594	527
>TP53-V197\VEGNLRVEYL	799	>TP53-V197\VEGNLRVEYL	497	302
>TP53-V197\VEGNLRVEYL	472	>TP53-V197\VEGNLRVEYL	209	263
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>TP53-V197#VEGNLRVEYL	3876	>TP53-V197#AEGNLRVEYL	153	3723
>TP53-V197#VEGNLRVEY	338	>TP53-V197#AEGNLRVEY	68	270
>TP53-V197#VEGNLRVEY	5427	>TP53-V197#AEGNLRVEY	143	5284
>TP53-V197#VEGNLRVEYL	278	>TP53-V197#AEGNLRVEYL	44	234
>TP53-V197#RVEGNLRV	54	>TP53-V197#RAEGNLRV	840	786
>TP53-V197#RVEGNLRVEY	224	>TP53-V197#RAEGNLRVEY	239	15
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>TP53-V197#RVEGNLRVEY	1887	>TP53-V197#RAEGNLRVEY	149	1738
>TP53-V197#RVEGNLRVEY	400	>TP53-V197#RAEGNLRVEY	727	327
>TP53-V197#GLAPPQHLIR	20	>TP53-V197#GLAPPQHLIR	181	161
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>TP53-V197#IRVEGNLRVE'	53	>TP53-V197#IRAEGNLRVE'	64	11
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>TP53-V197#LIRVEGNLRV	35	>TP53-V197#LIRAEGNLRV	16	19
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>TP53-V197#HLIRVEGNL	226	>TP53-V197#HLIRAEGNL	220	6
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>TP53-V197#HLIRVEGNLR'	41	>TP53-V197#HLIRAEGNLR'	45	4
>TP53-V197#HLIRVEGNLR'	322	>TP53-V197#HLIRAEGNLR'	321	1
>TP53-V197#HLIRVEGNL	327	>TP53-V197#HLIRAEGNL	1861	1534
>TP53-V197#HLIRVEGNLR'	9	>TP53-V197#HLIRAEGNLR'	26	17
>TP53-V197#HLIRVEGNLR'	27	>TP53-V197#HLIRAEGNLR'	33	6
>TP53-V197#HLIRVEGNLR'	27	>TP53-V197#HLIRAEGNLR'	37	10
>TP53-V197#HLIRVEGNL	153	>TP53-V197#HLIRAEGNL	116	37
>TP53-V197#HLIRVEGNLR'	4	>TP53-V197#HLIRAEGNLR'	4	0
>TP53-V197#HLIRVEGNLR	241	>TP53-V197#HLIRAEGNLR	357	116
>TP53-V197#HLIRVEGNLR	381	>TP53-V197#HLIRAEGNLR	941	560
>TP53-V197#HLIRVEGNLR	24	>TP53-V197#HLIRAEGNLR	36	12
>TP53-V197#HLIRVEGNLR'	398	>TP53-V197#HLIRAEGNLR'	765	367
>TP53-V197#HLIRVEGNLR	478	>TP53-V197#HLIRAEGNLR	340	138
>TP53-V197#LAPPQHLIRV	395	>TP53-V197#LAPPQHLIRA	2389	1994
>TP53-V197#LAPPQHLIRV	52	>TP53-V197#LAPPQHLIRA	6682	6630
>TP53-V197#LAPPQHLIRV	28	>TP53-V197#LAPPQHLIRA	518	490

>TP53-V197E VEGNLRVEYL	312	>TP53-V197E EEGNLRVEYL	236	76
>TP53-V197E VEGNLRVEY	67	>TP53-V197E EEGNLRVEY	128	61
>TP53-V197E VEGNLRVEYL	472	>TP53-V197E EEGNLRVEYL	446	26
>TP53-V197E VEGNLRVEY	338	>TP53-V197E EEGNLRVEY	102	236
>TP53-V197E VEGNLRVEY	5427	>TP53-V197E EEGNLRVEY	490	4937
>TP53-V197E VEGNLRVEYL	278	>TP53-V197E EEGNLRVEYL	1163	885
>TP53-V197E RVEGNLRV	54	>TP53-V197E REEGNLRV	12911	12857
>TP53-V197E RVEGNLRVEY	224	>TP53-V197E REEGNLRVEY	724	500
>TP53-V197E RVEGNLRVEY	301	>TP53-V197E REEGNLRVEY	16746	16445
>TP53-V197E RVEGNLRVEY	27912	>TP53-V197E REEGNLRVEY	148	27764
>TP53-V197E RVEGNLRV	20892	>TP53-V197E REEGNLRV	29	20863
>TP53-V197E RVEGNLRVEY	17084	>TP53-V197E REEGNLRVEY	9	17075
>TP53-V197E RVEGNLRVEY	39512	>TP53-V197E REEGNLRVEY	421	39091
>TP53-V197E RVEGNLRVEY	16474	>TP53-V197E REEGNLRVEY	68	16406
>TP53-V197E RVEGNLRVEY	21257	>TP53-V197E REEGNLRVEY	86	21171
>TP53-V197E RVEGNLRV	40379	>TP53-V197E REEGNLRV	319	40060
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>TP53-V197E GLAPPQHLIR	9	>TP53-V197E GLAPPQHLIR	5373	5364
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>TP53-V197E IRVEGNLRVE	53	>TP53-V197E IREEGNLRVE	712	659
>TP53-V197E LIRVEGNLRV	555	>TP53-V197E LIREEGNLRV	355	200
>TP53-V197E LIRVEGNLRV	1834	>TP53-V197E LIREEGNLRV	154	1680
>TP53-V197E LIRVEGNLRV	35	>TP53-V197E LIREEGNLRV	8	27
>TP53-V197E LIRVEGNLRV	296	>TP53-V197E LIREEGNLRV	498	202
>TP53-V197E HLIRVEGNLR	156	>TP53-V197E HLIREEGNLR	287	131
>TP53-V197E HLIRVEGNL	226	>TP53-V197E HLIREEGNL	242	16
>TP53-V197E HLIRVEGNLR	111	>TP53-V197E HLIREEGNLR	133	22
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>TP53-V197E HLIRVEGNLR	322	>TP53-V197E HLIREEGNLR	558	236
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>TP53-V197E HLIRVEGNLR	9	>TP53-V197E HLIREEGNLR	31	22
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>TP53-V197E HLIRVEGNLR	27	>TP53-V197E HLIREEGNLR	66	39
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>TP53-V197EHLIRVEGNLR	24	>TP53-V197EHLIREEGNLR	95	71
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>TP53-V197ELAPPQHLIRV	395	>TP53-V197ELAPPQHLIRE	24422	24027
>TP53-V197ELAPPQHLIRV	52	>TP53-V197ELAPPQHLIRE	32383	32331
>TP53-V197ELAPPQHLIRV	28	>TP53-V197ELAPPQHLIRE	1171	1143
>TP53-V197CVEGNLRVEYL	312	>TP53-V197CGEGNLRVEYL	646	334
>TP53-V197CVEGNLRVEY	67	>TP53-V197CGEGNLRVEY	728	661
>TP53-V197CVEGNLRVEYL	472	>TP53-V197CGEGNLRVEYL	351	121
>TP53-V197CVEGNLRVEY	338	>TP53-V197CGEGNLRVEY	193	145
>TP53-V197CVEGNLRVEYL	278	>TP53-V197CGEGNLRVEYL	206	72
>TP53-V197CRVEGNLRV	54	>TP53-V197CRGEGNLRV	9119	9065
>TP53-V197CRVEGNLRVEY	224	>TP53-V197CRGEGNLRVEY	490	266
>TP53-V197CRVEGNLRVEY	301	>TP53-V197CRGEGNLRVEY	1827	1526
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>TP53-V197CGLAPPQHLIR	20	>TP53-V197CGLAPPQHLIR\	15275	15255
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>TP53-V197CGLAPPQHLIR	7	>TP53-V197CGLAPPQHLIR\	11597	11590
>TP53-V197CGLAPPQHLIR	5	>TP53-V197CGLAPPQHLIR\	8249	8244
>TP53-V197CGLAPPQHLIR	9	>TP53-V197CGLAPPQHLIR\	22768	22759
>TP53-V197CGLAPPQHLIR	2	>TP53-V197CGLAPPQHLIR\	1256	1254
>TP53-V197CIRVEGNLRVE'	53	>TP53-V197CIRGEGNLRVE	312	259
>TP53-V197CLIRVEGNLRV	555	>TP53-V197CLIRGEGNLRV	317	238
>TP53-V197CLIRVEGNLRV	1834	>TP53-V197CLIRGEGNLRV	461	1373
>TP53-V197CLIRVEGNLRV	35	>TP53-V197CLIRGEGNLRV	7	28
>TP53-V197CLIRVEGNLRV	296	>TP53-V197CLIRGEGNLRV	434	138
>TP53-V197CHLIRVEGNLR'	156	>TP53-V197CHLIRGEGNLR	217	61
>TP53-V197CHLIRVEGNL	226	>TP53-V197CHLIRGEGNL	549	323
>TP53-V197CHLIRVEGNLR'	111	>TP53-V197CHLIRGEGNLR	209	98
>TP53-V197CHLIRVEGNLR'	41	>TP53-V197CHLIRGEGNLR	36	5
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>TP53-V197CHLIRVEGNL	327	>TP53-V197CHLIRGEGNL	1106	779
>TP53-V197CHLIRVEGNLR'	9	>TP53-V197CHLIRGEGNLR	17	8
>TP53-V197CHLIRVEGNLR'	27	>TP53-V197CHLIRGEGNLR	29	2
>TP53-V197CHLIRVEGNLR'	27	>TP53-V197CHLIRGEGNLR	33	6
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>TP53-V197CHLIRVEGNLR'	4	>TP53-V197CHLIRGEGNLR	3	1
>TP53-V197CHLIRVEGNLR	241	>TP53-V197CHLIRGEGNLR	505	264

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>TP53-V197C HLIRVEGNLR	24	>TP53-V197C HLIRGEGNLR	49	25
>TP53-V197C HLIRVEGNLR'	398	>TP53-V197C HLIRGEGNLR'	1157	759
>TP53-V197C HLIRVEGNLR	478	>TP53-V197C HLIRGEGNLR	630	152
>TP53-V197C LAPPQHLIRV	395	>TP53-V197C LAPPQHLIRG	21769	21374
>TP53-V197C LAPPQHLIRV	52	>TP53-V197C LAPPQHLIRG	31864	31812
>TP53-V197C LAPPQHLIRV	28	>TP53-V197C LAPPQHLIRG	930	902
>TP53-V197L VEGNLRVEYL	312	>TP53-V197L LEGNLRVEYL	142	170
>TP53-V197L VEGNLRVEY	67	>TP53-V197L LEGNLRVEY	26	41
>TP53-V197L VEGNLRVEYL	472	>TP53-V197L LEGNLRVEYL	452	20
>TP53-V197L VEGNLRVEY	338	>TP53-V197L LEGNLRVEY	355	17
>TP53-V197L VEGNLRVEYL	278	>TP53-V197L LEGNLRVEYL	344	66
>TP53-V197L RVEGNLRV	6266	>TP53-V197L RLEGNLRV	269	5997
>TP53-V197L RVEGNLRVEY	844	>TP53-V197L RLEGNLRVEY	35	809
>TP53-V197L RVEGNLRV	3341	>TP53-V197L RLEGNLRV	215	3126
>TP53-V197L RVEGNLRV	604	>TP53-V197L RLEGNLRV	9	595
>TP53-V197L RVEGNLRVEY	974	>TP53-V197L RLEGNLRVEY	17	957
>TP53-V197L RVEGNLRV	5276	>TP53-V197L RLEGNLRV	49	5227
>TP53-V197L RVEGNLRVEY	6978	>TP53-V197L RLEGNLRVEY	61	6917
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>TP53-V197L RVEGNLRV	10610	>TP53-V197L RLEGNLRV	471	10139
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>TP53-V197L RVEGNLRV	54	>TP53-V197L RLEGNLRV	3	51
>TP53-V197L RVEGNLRVEY	1524	>TP53-V197L RLEGNLRVEY	12	1512
>TP53-V197L RVEGNLRVEY	224	>TP53-V197L RLEGNLRVEY	192	32
>TP53-V197L RVEGNLRVEY	301	>TP53-V197L RLEGNLRVEY	1765	1464
>TP53-V197L RVEGNLRVEY	400	>TP53-V197L RLEGNLRVEY	530	130
>TP53-V197L GLAPPQHLIR	20	>TP53-V197L GLAPPQHLIR	61	41
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>TP53-V197L GLAPPQHLIR	7	>TP53-V197L GLAPPQHLIR	40	33
>TP53-V197L GLAPPQHLIR	44	>TP53-V197L GLAPPQHLIR	299	255
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>TP53-V197L GLAPPQHLIR	5	>TP53-V197L GLAPPQHLIR	19	14
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>TP53-V197L IRVEGNLRVE'	53	>TP53-V197L IRLEGNLRVE\	34	19
>TP53-V197L IRVEGNLRV	1217	>TP53-V197L IRLEGNLRV	467	750
>TP53-V197L IRVEGNLRVE'	668	>TP53-V197L IRLEGNLRVE\	271	397
>TP53-V197L LIRVEGNLRV	555	>TP53-V197L LIRLEGNLRV	492	63
>TP53-V197L LIRVEGNLRV	35	>TP53-V197L LIRLEGNLRV	52	17
>TP53-V197L LIRVEGNLRV	296	>TP53-V197L LIRLEGNLRV	440	144
>TP53-V197L HLIRVEGNLR'	156	>TP53-V197L HLIRLEGNLR\	185	29



>TP53-V197L HLIRVEGNL	226	>TP53-V197L HLIRLEGNL	273	47
>TP53-V197L HLIRVEGNLR'	111	>TP53-V197L HLIRLEGNLR\	133	22
>TP53-V197L HLIRVEGNLR'	41	>TP53-V197L HLIRLEGNLR\	57	16
>TP53-V197L HLIRVEGNLR'	322	>TP53-V197L HLIRLEGNLR\	411	89
>TP53-V197L HLIRVEGNL	327	>TP53-V197L HLIRLEGNL	1302	975
>TP53-V197L HLIRVEGNLR'	9	>TP53-V197L HLIRLEGNLR\	19	10
>TP53-V197L HLIRVEGNLR'	27	>TP53-V197L HLIRLEGNLR\	35	8
>TP53-V197L HLIRVEGNLR'	27	>TP53-V197L HLIRLEGNLR\	40	13
>TP53-V197L HLIRVEGNL	153	>TP53-V197L HLIRLEGNL	168	15
>TP53-V197L HLIRVEGNLR'	4	>TP53-V197L HLIRLEGNLR\	4	0
>TP53-V197L HLIRVEGNLR	241	>TP53-V197L HLIRLEGNLR	242	1
>TP53-V197L HLIRVEGNLR	381	>TP53-V197L HLIRLEGNLR	506	125
>TP53-V197L HLIRVEGNLR	24	>TP53-V197L HLIRLEGNLR	33	9
>TP53-V197L HLIRVEGNLR'	398	>TP53-V197L HLIRLEGNLR\	804	406
>TP53-V197L HLIRVEGNLR	478	>TP53-V197L HLIRLEGNLR	198	280
>TP53-V197L APPQHLIRV	2001	>TP53-V197L APPQHLIRL	359	1642
>TP53-V197L APPQHLIRV	759	>TP53-V197L APPQHLIRL	128	631
>TP53-V197L APPQHLIRV	1104	>TP53-V197L APPQHLIRL	131	973
>TP53-V197L LAPPQHLIRV	395	>TP53-V197L LAPPQHLIRL	2121	1726
>TP53-V197L LAPPQHLIRV	52	>TP53-V197L LAPPQHLIRL	1702	1650
>TP53-V197L LAPPQHLIRV	28	>TP53-V197L LAPPQHLIRL	6	22
>TP53-V197L LAPPQHLIRV	865	>TP53-V197L LAPPQHLIRLE	207	658
>TP53-V197M VEGNLRVEYL	312	>TP53-V197M MEGNLRVEY	131	181
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>TP53-V197M VEGNLRVEY	67	>TP53-V197M MEGNLRVEY	18	49
>TP53-V197M VEGNLRVEYL	799	>TP53-V197M MEGNLRVEY	456	343
>TP53-V197M VEGNLRVEYL	472	>TP53-V197M MEGNLRVEY	235	237
>TP53-V197M VEGNLRVEY	338	>TP53-V197M MEGNLRVEY	77	261
>TP53-V197M VEGNLRVEY	5427	>TP53-V197M MEGNLRVEY	381	5046
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>TP53-V197M RVEGNLRV	6671	>TP53-V197M RMEGNLRV	497	6174
>TP53-V197M RVEGNLRV	6266	>TP53-V197M RMEGNLRV	306	5960
>TP53-V197M RVEGNLRVEY	844	>TP53-V197M RMEGNLRVE	35	809
>TP53-V197M RVEGNLRV	3341	>TP53-V197M RMEGNLRV	154	3187
>TP53-V197M RVEGNLRVEY	5750	>TP53-V197M RMEGNLRVE	466	5284
>TP53-V197M RVEGNLRV	732	>TP53-V197M RMEGNLRV	366	366
>TP53-V197M RVEGNLRV	604	>TP53-V197M RMEGNLRV	7	597
>TP53-V197M RVEGNLRVEY	974	>TP53-V197M RMEGNLRVE	13	961
>TP53-V197M RVEGNLRV	5276	>TP53-V197M RMEGNLRV	34	5242
>TP53-V197M RVEGNLRVEY	6978	>TP53-V197M RMEGNLRVE	44	6934
>TP53-V197M RVEGNLRV	7814	>TP53-V197M RMEGNLRV	112	7702
>TP53-V197M RVEGNLRV	10610	>TP53-V197M RMEGNLRV	349	10261
>TP53-V197M RVEGNLRVEY	9874	>TP53-V197M RMEGNLRVE	342	9532

>TP53-V197M RVEGNLRV	54	>TP53-V197M RMEGNLRV	3	51
>TP53-V197M RVEGNLRVEY	1524	>TP53-V197M RMEGNLRVE	18	1506
>TP53-V197M RVEGNLRVEY	1211	>TP53-V197M RMEGNLRVE	323	888
>TP53-V197M RVEGNLRVEY	224	>TP53-V197M RMEGNLRVE	105	119
>TP53-V197M RVEGNLRVEY	810	>TP53-V197M RMEGNLRVE	451	359
>TP53-V197M RVEGNLRVEY	2230	>TP53-V197M RMEGNLRVE	183	2047
>TP53-V197M RVEGNLRVEY	5600	>TP53-V197M RMEGNLRVE	441	5159
>TP53-V197M RVEGNLRVEY	301	>TP53-V197M RMEGNLRVE	584	283
>TP53-V197M RVEGNLRVEY	400	>TP53-V197M RMEGNLRVE	741	341
>TP53-V197M GLAPPQHLIR	20	>TP53-V197M GLAPPQHLIR	356	336
>TP53-V197M GLAPPQHLIR	9	>TP53-V197M GLAPPQHLIR	76	67
>TP53-V197M GLAPPQHLIR	7	>TP53-V197M GLAPPQHLIR	342	335
>TP53-V197M GLAPPQHLIR	44	>TP53-V197M GLAPPQHLIR	1580	1536
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>TP53-V197M GLAPPQHLIR	5	>TP53-V197M GLAPPQHLIR	254	249
>TP53-V197M GLAPPQHLIR	9	>TP53-V197M GLAPPQHLIR	1340	1331
>TP53-V197M GLAPPQHLIR	2	>TP53-V197M GLAPPQHLIR	16	14
>TP53-V197M IRVEGNLRVE	53	>TP53-V197M IRMEGNLRVE	22	31
>TP53-V197M IRVEGNLR	1338	>TP53-V197M IRMEGNLR	181	1157
>TP53-V197M IRVEGNLRV	1217	>TP53-V197M IRMEGNLRV	154	1063
>TP53-V197M IRVEGNLRVE	668	>TP53-V197M IRMEGNLRVE	104	564
>TP53-V197M IRVEGNLRV	1782	>TP53-V197M IRMEGNLRV	433	1349
>TP53-V197M IRVEGNLRVE	1131	>TP53-V197M IRMEGNLRVE	267	864
>TP53-V197M LIRVEGNLRV	555	>TP53-V197M LIRMEGNLRV	422	133
>TP53-V197M LIRVEGNLRV	35	>TP53-V197M LIRMEGNLRV	21	14
>TP53-V197M LIRVEGNLRV	296	>TP53-V197M LIRMEGNLRV	262	34
>TP53-V197M HLIRVEGNLR	156	>TP53-V197M HLIRMEGNLF	203	47
>TP53-V197M HLIRVEGNL	226	>TP53-V197M HLIRMEGNL	405	179
>TP53-V197M HLIRVEGNLR	111	>TP53-V197M HLIRMEGNLF	180	69
>TP53-V197M HLIRVEGNLR	41	>TP53-V197M HLIRMEGNLF	47	6
>TP53-V197M HLIRVEGNLR	322	>TP53-V197M HLIRMEGNLF	515	193
>TP53-V197M HLIRVEGNL	327	>TP53-V197M HLIRMEGNL	2377	2050
>TP53-V197M HLIRVEGNLR	9	>TP53-V197M HLIRMEGNLF	33	24
>TP53-V197M HLIRVEGNLR	27	>TP53-V197M HLIRMEGNLF	44	17
>TP53-V197M HLIRVEGNLR	27	>TP53-V197M HLIRMEGNLF	56	29
>TP53-V197M HLIRVEGNL	153	>TP53-V197M HLIRMEGNL	90	63
>TP53-V197M HLIRVEGNLR	4	>TP53-V197M HLIRMEGNLF	4	0
>TP53-V197M HLIRVEGNLR	241	>TP53-V197M HLIRMEGNLF	166	75
>TP53-V197M HLIRVEGNLR	381	>TP53-V197M HLIRMEGNLF	493	112
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>TP53-V197M HLIRVEGNLR	398	>TP53-V197M HLIRMEGNLF	1042	644
>TP53-V197M HLIRVEGNLR	478	>TP53-V197M HLIRMEGNLF	301	177

>TP53-V197M APPQHLIRV	2001	>TP53-V197M APPQHLIRM	170	1831
>TP53-V197M APPQHLIRV	759	>TP53-V197M APPQHLIRM	118	641
>TP53-V197M APPQHLIRV	1104	>TP53-V197M APPQHLIRM	243	861
>TP53-V197M LAPPQHLIRV	395	>TP53-V197M LAPPQHLIRM	6065	5670
>TP53-V197M LAPPQHLIRV	52	>TP53-V197M LAPPQHLIRM	14615	14563
>TP53-V197M LAPPQHLIRV	28	>TP53-V197M LAPPQHLIRM	8	20
>TP53-V197M LAPPQHLIRV	8032	>TP53-V197M LAPPQHLIRM	318	7714
>TP53-V203A VEYLDDRNTF	124	>TP53-V203A AEYLDDRNTF	76	48
>TP53-V203A VEYLDDRNTF	594	>TP53-V203A AEYLDDRNTF	283	311
>TP53-V203A VEYLDDRNTF	1119	>TP53-V203A AEYLDDRNTF	74	1045
>TP53-V203A VEYLDDRNTF	870	>TP53-V203A AEYLDDRNTF	101	769
>TP53-V203A VEYLDDRNT	7002	>TP53-V203A AEYLDDRNT	295	6707
>TP53-V203A VEYLDDRNTF	3529	>TP53-V203A AEYLDDRNTF	314	3215
>TP53-V203A VEYLDDRNTF	2225	>TP53-V203A AEYLDDRNTF	466	1759
>TP53-V203A RVEYLDDR	433	>TP53-V203A RAEYLDDR	887	454
>TP53-V203A RVEYLDDRNT	40	>TP53-V203A RAEYLDDRNT	346	306
>TP53-V203A RVEYLDDRNT	1271	>TP53-V203A RAEYLDDRNT	150	1121
>TP53-V203A RVEYLDDRNT	1584	>TP53-V203A RAEYLDDRNT	446	1138
>TP53-V203A RVEYLDDRNT	78	>TP53-V203A RAEYLDDRNT	153	75
>TP53-V203A HLIRVEGNLR'	156	>TP53-V203A HLIRVEGNLR,	1451	1295
>TP53-V203A HLIRVEGNLR'	111	>TP53-V203A HLIRVEGNLR,	852	741
>TP53-V203A HLIRVEGNLR'	41	>TP53-V203A HLIRVEGNLR,	407	366
>TP53-V203A HLIRVEGNLR'	322	>TP53-V203A HLIRVEGNLR,	2845	2523
>TP53-V203A HLIRVEGNLR'	9	>TP53-V203A HLIRVEGNLR,	415	406
>TP53-V203A HLIRVEGNLR'	27	>TP53-V203A HLIRVEGNLR,	1388	1361
>TP53-V203A HLIRVEGNLR'	27	>TP53-V203A HLIRVEGNLR,	1516	1489
>TP53-V203A HLIRVEGNLR'	4	>TP53-V203A HLIRVEGNLR,	94	90
>TP53-V203A HLIRVEGNLR'	398	>TP53-V203A HLIRVEGNLR,	4357	3959
>TP53-V203A VEGNLRVEYL	312	>TP53-V203A VEGNLRAEYL	185	127
>TP53-V203A VEGNLRVEY	2056	>TP53-V203A VEGNLRAEY	394	1662
>TP53-V203A VEGNLRVEY	67	>TP53-V203A VEGNLRAEY	79	12
>TP53-V203A VEGNLRVEYL	472	>TP53-V203A VEGNLRAEYL	548	76
>TP53-V203A VEGNLRVEY	338	>TP53-V203A VEGNLRAEY	466	128
>TP53-V203A VEGNLRVEYL	278	>TP53-V203A VEGNLRAEYL	365	87
>TP53-V203A RVEGNLRV	54	>TP53-V203A RVEGNLRA	6299	6245
>TP53-V203A RVEGNLRVEY	224	>TP53-V203A RVEGNLRAEY	73	151
>TP53-V203A RVEGNLRVEY	301	>TP53-V203A RVEGNLRAEY	147	154
>TP53-V203A RVEGNLRVEY	400	>TP53-V203A RVEGNLRAEY	523	123
>TP53-V203A IRVEGNLRVE'	1260	>TP53-V203A IRVEGNLRAE'	425	835
>TP53-V203A IRVEGNLRVE'	53	>TP53-V203A IRVEGNLRAE'	98	45
>TP53-V203A LIRVEGNLRV	35	>TP53-V203A LIRVEGNLRA	4103	4068
>TP53-V203A LIRVEGNLRV	296	>TP53-V203A LIRVEGNLRA	159	137
>TP53-V203E VEYLDDRNTF	1728	>TP53-V203E EEYLDDRNTF	406	1322

>TP53-V203E VEYLDDRNTF	2593	>TP53-V203E EEYLDDRNTF	134	2459
>TP53-V203E VEYLDDRNTF	124	>TP53-V203E EEYLDDRNTF	677	553
>TP53-V203E VEYLDDRNTF	1119	>TP53-V203E EEYLDDRNTF	271	848
>TP53-V203E VEYLDDRNTF	870	>TP53-V203E EEYLDDRNTF	202	668
>TP53-V203E VEYLDDRNTF	524	>TP53-V203E EEYLDDRNTF	263	261
>TP53-V203E RVEYLDDR	433	>TP53-V203E REEYLDDR	13300	12867
>TP53-V203E RVEYLDDRNT	40	>TP53-V203E REEYLDDRNT	1025	985
>TP53-V203E RVEYLDDRNT	19496	>TP53-V203E REEYLDDRNT	29	19467
>TP53-V203E RVEYLDDRNT	22964	>TP53-V203E REEYLDDRNT	202	22762
>TP53-V203E RVEYLDDRNT	78	>TP53-V203E REEYLDDRNT	1519	1441
>TP53-V203E RVEYLDDRNT	35182	>TP53-V203E REEYLDDRNT	424	34758
>TP53-V203E HLIRVEGNLR'	156	>TP53-V203E HLIRVEGNLR	23217	23061
>TP53-V203E HLIRVEGNLR'	111	>TP53-V203E HLIRVEGNLR	17797	17686
>TP53-V203E HLIRVEGNLR'	41	>TP53-V203E HLIRVEGNLR	20971	20930
>TP53-V203E HLIRVEGNLR'	322	>TP53-V203E HLIRVEGNLR	25835	25513
>TP53-V203E HLIRVEGNLR'	9	>TP53-V203E HLIRVEGNLR	19193	19184
>TP53-V203E HLIRVEGNLR'	27	>TP53-V203E HLIRVEGNLR	21463	21436
>TP53-V203E HLIRVEGNLR'	27	>TP53-V203E HLIRVEGNLR	22270	22243
>TP53-V203E HLIRVEGNLR'	4	>TP53-V203E HLIRVEGNLR	14738	14734
>TP53-V203E HLIRVEGNLR'	398	>TP53-V203E HLIRVEGNLR	23610	23212
>TP53-V203E VEGNLRVEYL	312	>TP53-V203E VEGNLRREEYL	452	140
>TP53-V203E VEGNLRVEY	67	>TP53-V203E VEGNLRREEY	147	80
>TP53-V203E VEGNLRVEYL	472	>TP53-V203E VEGNLRREEYL	779	307
>TP53-V203E VEGNLRVEY	338	>TP53-V203E VEGNLRREEY	576	238
>TP53-V203E VEGNLRVEYL	278	>TP53-V203E VEGNLRREEYL	773	495
>TP53-V203E RVEGNLRV	54	>TP53-V203E RVEGNLRRE	33021	32967
>TP53-V203E RVEGNLRVEY	224	>TP53-V203E RVEGNLRREEY	295	71
>TP53-V203E RVEGNLRVEY	301	>TP53-V203E RVEGNLRREEY	566	265
>TP53-V203E RVEGNLRVEY	400	>TP53-V203E RVEGNLRREEY	1086	686
>TP53-V203E IRVEGNLRVE'	53	>TP53-V203E IRVEGNLRREE'	123	70
>TP53-V203E LIRVEGNLRV	35	>TP53-V203E LIRVEGNLRRE	31735	31700
>TP53-V203E LIRVEGNLRV	296	>TP53-V203E LIRVEGNLRRE	5847	5551
>TP53-V203L VEYLDDRNTF	622	>TP53-V203L LEYLDDRNTF	259	363
>TP53-V203L VEYLDDRNTF	124	>TP53-V203L LEYLDDRNTF	78	46
>TP53-V203L VEYLDDRNTF	524	>TP53-V203L LEYLDDRNTF	424	100
>TP53-V203L RVEYLDDR	433	>TP53-V203L RLEYLDDR	845	412
>TP53-V203L RVEYLDDRNT	40	>TP53-V203L RLEYLDDRNT	39	1
>TP53-V203L RVEYLDDRNT	78	>TP53-V203L RLEYLDDRNT	449	371
>TP53-V203L HLIRVEGNLR'	156	>TP53-V203L HLIRVEGNLR	519	363
>TP53-V203L HLIRVEGNLR'	111	>TP53-V203L HLIRVEGNLR	141	30
>TP53-V203L HLIRVEGNLR'	41	>TP53-V203L HLIRVEGNLR	506	465
>TP53-V203L HLIRVEGNLR'	322	>TP53-V203L HLIRVEGNLR	1835	1513
>TP53-V203L HLIRVEGNLR'	9	>TP53-V203L HLIRVEGNLR	103	94

>TP53-V203L HLIRVEGNLR'	27	>TP53-V203L HLIRVEGNLR	268	241
>TP53-V203L HLIRVEGNLR'	27	>TP53-V203L HLIRVEGNLR	435	408
>TP53-V203L HLIRVEGNLR'	4	>TP53-V203L HLIRVEGNLR	21	17
>TP53-V203L HLIRVEGNLR'	398	>TP53-V203L HLIRVEGNLR	3576	3178
>TP53-V203L VEGNLRVEYL	312	>TP53-V203L VEGNLRLEYL	229	83
>TP53-V203L VEGNLRVEY	2675	>TP53-V203L VEGNLRLEY	35	2640
>TP53-V203L VEGNLRVEY	67	>TP53-V203L VEGNLRLEY	54	13
>TP53-V203L VEGNLRVEYL	472	>TP53-V203L VEGNLRLEYL	451	21
>TP53-V203L VEGNLRVEY	338	>TP53-V203L VEGNLRLEY	215	123
>TP53-V203L VEGNLRVEYL	278	>TP53-V203L VEGNLRLEYL	407	129
>TP53-V203L RVEGNLRVEY	946	>TP53-V203L RVEGNLRLEY	410	536
>TP53-V203L RVEGNLRV	54	>TP53-V203L RVEGNLRL	1655	1601
>TP53-V203L RVEGNLRVEY	224	>TP53-V203L RVEGNLRLEY	367	143
>TP53-V203L RVEGNLRVEY	1157	>TP53-V203L RVEGNLRLEY	52	1105
>TP53-V203L RVEGNLRV	6981	>TP53-V203L RVEGNLRL	334	6647
>TP53-V203L RVEGNLRVEY	301	>TP53-V203L RVEGNLRLEY	158	143
>TP53-V203L RVEGNLRVEY	400	>TP53-V203L RVEGNLRLEY	459	59
>TP53-V203L IRVEGNLRVE'	1106	>TP53-V203L IRVEGNLRLEY	229	877
>TP53-V203L IRVEGNLRVE'	2901	>TP53-V203L IRVEGNLRLEY	337	2564
>TP53-V203L IRVEGNLRVE'	53	>TP53-V203L IRVEGNLRLEY	74	21
>TP53-V203L IRVEGNLRV	1217	>TP53-V203L IRVEGNLRL	453	764
>TP53-V203L IRVEGNLRV	4404	>TP53-V203L IRVEGNLRL	299	4105
>TP53-V203L IRVEGNLRV	1782	>TP53-V203L IRVEGNLRL	77	1705
>TP53-V203L LIRVEGNLRV	35	>TP53-V203L LIRVEGNLRL	859	824
>TP53-V203L LIRVEGNLRV	296	>TP53-V203L LIRVEGNLRL	505	209
>TP53-V203M VEYLDDRNTF	622	>TP53-V203M MEYLDDRNT	225	397
>TP53-V203M VEYLDDRNTF	1728	>TP53-V203M MEYLDDRNT	457	1271
>TP53-V203M VEYLDDRNTF	2593	>TP53-V203M MEYLDDRNT	152	2441
>TP53-V203M VEYLDDRNTF	124	>TP53-V203M MEYLDDRNT	45	79
>TP53-V203M VEYLDDRNTF	594	>TP53-V203M MEYLDDRNT	314	280
>TP53-V203M VEYLDDRNTF	1119	>TP53-V203M MEYLDDRNT	240	879
>TP53-V203M VEYLDDRNTF	870	>TP53-V203M MEYLDDRNT	236	634
>TP53-V203M VEYLDDRNTF	524	>TP53-V203M MEYLDDRNT	130	394
>TP53-V203M RVEYLDDR	433	>TP53-V203M RMEYLDDR	114	319
>TP53-V203M RVEYLDDRNT	40	>TP53-V203M RMEYLDDRNT	31	9
>TP53-V203M RVEYLDDRNT	2758	>TP53-V203M RMEYLDDRNT	223	2535
>TP53-V203M RVEYLDDRNT	2406	>TP53-V203M RMEYLDDRNT	74	2332
>TP53-V203M RVEYLDDRNT	78	>TP53-V203M RMEYLDDRNT	697	619
>TP53-V203M RVEYLDDR	1045	>TP53-V203M RMEYLDDR	232	813
>TP53-V203M HLIRVEGNLR'	156	>TP53-V203M HLIRVEGNLR	2285	2129
>TP53-V203M HLIRVEGNLR'	111	>TP53-V203M HLIRVEGNLR	1398	1287
>TP53-V203M HLIRVEGNLR'	41	>TP53-V203M HLIRVEGNLR	3417	3376
>TP53-V203M HLIRVEGNLR'	322	>TP53-V203M HLIRVEGNLR	5260	4938

>TP53-V203MHLIRVEGNLR'	9	>TP53-V203MHLIRVEGNLR'	855	846
>TP53-V203MHLIRVEGNLR'	27	>TP53-V203MHLIRVEGNLR'	2456	2429
>TP53-V203MHLIRVEGNLR'	27	>TP53-V203MHLIRVEGNLR'	5222	5195
>TP53-V203MHLIRVEGNLR'	4	>TP53-V203MHLIRVEGNLR'	490	486
>TP53-V203MHLIRVEGNLR'	398	>TP53-V203MHLIRVEGNLR'	10875	10477
>TP53-V203MLRVEYLDDR	1926	>TP53-V203MLRMEYLDDR	313	1613
>TP53-V203MVEGNLRVEYL	312	>TP53-V203MVEGNLRMEY'	276	36
>TP53-V203MVEGNLRVEY	2675	>TP53-V203MVEGNLRMEY	143	2532
>TP53-V203MVEGNLRVEY	67	>TP53-V203MVEGNLRMEY	52	15
>TP53-V203MVEGNLRVEYL	472	>TP53-V203MVEGNLRMEY'	426	46
>TP53-V203MVEGNLRVEY	338	>TP53-V203MVEGNLRMEY	316	22
>TP53-V203MVEGNLRVEYL	278	>TP53-V203MVEGNLRMEY'	164	114
>TP53-V203MRVEGNLRV	54	>TP53-V203MRVEGNLRM	14294	14240
>TP53-V203MRVEGNLRVEY	224	>TP53-V203MRVEGNLRME'	224	0
>TP53-V203MRVEGNLRVEY	1157	>TP53-V203MRVEGNLRME'	132	1025
>TP53-V203MRVEGNLRV	6981	>TP53-V203MRVEGNLRM	181	6800
>TP53-V203MRVEGNLRVEY	301	>TP53-V203MRVEGNLRME'	260	41
>TP53-V203MRVEGNLRVEY	400	>TP53-V203MRVEGNLRME'	382	18
>TP53-V203MRVEGNLRVE'	53	>TP53-V203MRVEGNLRME'	53	0
>TP53-V203MRVEGNLRV	1217	>TP53-V203MRVEGNLRM	270	947
>TP53-V203MLIRVEGNLRV	35	>TP53-V203MLIRVEGNLRM	11371	11336
>TP53-V203MLIRVEGNLRV	296	>TP53-V203MLIRVEGNLRM	471	175
>TP53-V203MLIRVEGNLRV	6414	>TP53-V203MLIRVEGNLRM	204	6210
>TP53-V216/VVVPYEPPEV	390	>TP53-V216/AVVPYEPPEV	186	204
>TP53-V216/VVVPYEPPEV	136	>TP53-V216/AVVPYEPPEV	121	15
>TP53-V216/VVVPYEPPEV	28	>TP53-V216/AVVPYEPPEV	37	9
>TP53-V216/VVVPYEPPEV	72	>TP53-V216/AVVPYEPPEV	72	0
>TP53-V216/VVVPYEPPEV	9	>TP53-V216/AVVPYEPPEV	9	0
>TP53-V216/VVVPYEPPEV	353	>TP53-V216/AVVPYEPPEV	294	59
>TP53-V216/SVVVPYEPPE'	75	>TP53-V216/SAVVPYEPPE'	324	249
>TP53-V216/SVVVPYEPPE'	92	>TP53-V216/SAVVPYEPPE'	515	423
>TP53-V216/SVVVPYEPPE'	129	>TP53-V216/SAVVPYEPPE'	1296	1167
>TP53-V216/SVVVPYEPPE'	57	>TP53-V216/SAVVPYEPPE'	595	538
>TP53-V216/SVVVPYEPPE'	81	>TP53-V216/SAVVPYEPPE'	245	164
>TP53-V216/SVVVPYEPPE'	26	>TP53-V216/SAVVPYEPPE'	60	34
>TP53-V216/LDDRNTFRHS	482	>TP53-V216/LDDRNTFRHS	7808	7326
>TP53-V216/RHSVVVPY	23	>TP53-V216/RHSAVVVPY	15	8
>TP53-V216/RHSVVVPY	522	>TP53-V216/RHSAVVVPY	288	234
>TP53-V216/RHSVVVPY	413	>TP53-V216/RHSAVVVPY	364	49
>TP53-V216/FRHSVVVPY	894	>TP53-V216/FRHSAVVVPY	471	423
>TP53-V216/FRHSVVVPY	4	>TP53-V216/FRHSAVVVPY	3	1
>TP53-V216/FRHSVVVPY	33	>TP53-V216/FRHSAVVVPY	31	2
>TP53-V216/FRHSVVVPY	1057	>TP53-V216/FRHSAVVVPY	457	600

>TP53-V216/TFRHSVVVPY	185	>TP53-V216/TFRHSAVVPY	214	29
>TP53-V216/TFRHSVVV	139	>TP53-V216/TFRHSAVV	114	25
>TP53-V216/TFRHSVVVPY	162	>TP53-V216/TFRHSAVVPY	113	49
>TP53-V216/TFRHSVVVPY	140	>TP53-V216/TFRHSAVVPY	174	34
>TP53-V216/TFRHSVVVPY	225	>TP53-V216/TFRHSAVVPY	165	60
>TP53-V216/TFRHSVVVPY	271	>TP53-V216/TFRHSAVVPY	294	23
>TP53-V216/NFRHSVV	1371	>TP53-V216/NFRHSAV	363	1008
>TP53-V216/NFRHSVVV	872	>TP53-V216/NFRHSAVV	461	411
>TP53-V216/NFRHSVV	382	>TP53-V216/NFRHSAV	116	266
>TP53-V216/NFRHSVVV	581	>TP53-V216/NFRHSAVV	140	441
>TP53-V216/NFRHSVV	1308	>TP53-V216/NFRHSAV	332	976
>TP53-V216/NFRHSVV	309	>TP53-V216/NFRHSAV	143	166
>TP53-V216/NFRHSVVV	265	>TP53-V216/NFRHSAVV	230	35
>TP53-V216/NFRHSVVVF	128	>TP53-V216/NFRHSAVVF	209	81
>TP53-V216/NFRHSVVVF	97	>TP53-V216/NFRHSAVVF	69	28
>TP53-V216/NFRHSVVVF	123	>TP53-V216/NFRHSAVVF	53	70
>TP53-V216/NFRHSVVVF	82	>TP53-V216/NFRHSAVVF	76	6
>TP53-V216/NFRHSVVV	412	>TP53-V216/NFRHSAVV	2037	1625
>TP53-V216/NFRHSVVVF	61	>TP53-V216/NFRHSAVVF	179	118
>TP53-V216/NFRHSVVVF	34	>TP53-V216/NFRHSAVVF	37	3
>TP53-V216/NFRHSVV	11	>TP53-V216/NFRHSAV	7	4
>TP53-V216/NFRHSVVV	8	>TP53-V216/NFRHSAVV	7	1
>TP53-V216/NFRHSVV	50	>TP53-V216/NFRHSAV	13	37
>TP53-V216/NFRHSVVV	25	>TP53-V216/NFRHSAVV	14	11
>TP53-V216/NFRHSVVVF	65	>TP53-V216/NFRHSAVVF	55	10
>TP53-V216/NFRHSVVVF	492	>TP53-V216/NFRHSAVVF	321	171
>TP53-V216/NFRHSVVVF	33	>TP53-V216/NFRHSAVVF	36	3
>TP53-V216/NFRHSVVVF	23	>TP53-V216/NFRHSAVVF	13	10
>TP53-V216/NFRHSVVVF	105	>TP53-V216/NFRHSAVVF	85	20
>TP53-V216/NFRHSVVVF	289	>TP53-V216/NFRHSAVVF	283	6
>TP53-V216/NFRHSVVVF	23	>TP53-V216/NFRHSAVVF	26	3
>TP53-V216/RNFRHSVV	224	>TP53-V216/RNFRHSAV	1030	806
>TP53-V216E VVVPYEPPEV	390	>TP53-V216E EVVPYEPPEV	968	578
>TP53-V216E VVVPYEPPEV	136	>TP53-V216E EVVPYEPPEV	370	234
>TP53-V216E VVVPYEPPEV	28	>TP53-V216E EVVPYEPPEV	544	516
>TP53-V216E VVVPYEPPEV	72	>TP53-V216E EVVPYEPPEV	1089	1017
>TP53-V216E VVVPYEPPEV	9	>TP53-V216E EVVPYEPPEV	81	72
>TP53-V216E VVVPYEPPE	11709	>TP53-V216E EVVPYEPPE	382	11327
>TP53-V216E VVVPYEPPEV	7635	>TP53-V216E EVVPYEPPEV	180	7455
>TP53-V216E VVVPYEPPEV	353	>TP53-V216E EVVPYEPPEV	8	345
>TP53-V216E SVVVPYEPPE	75	>TP53-V216E SEVVPYEPPE	2191	2116
>TP53-V216E SVVVPYEPPE	92	>TP53-V216E SEVVPYEPPE	5990	5898
>TP53-V216E SVVVPYEPPE	129	>TP53-V216E SEVVPYEPPE	6345	6216

>TP53-V216E SVVVPYEPPE'	57	>TP53-V216E SEVVPYEPPE'	11030	10973
>TP53-V216E SVVVPYEPPE'	81	>TP53-V216E SEVVPYEPPE'	7537	7456
>TP53-V216E SVVVPYEPPE'	26	>TP53-V216E SEVVPYEPPE'	6834	6808
>TP53-V216E SVVVPYEPPE'	34355	>TP53-V216E SEVVPYEPPE'	73	34282
>TP53-V216E SVVVPYEPPE'	25067	>TP53-V216E SEVVPYEPPE'	35	25032
>TP53-V216E LDDRNTFRHS	482	>TP53-V216E LDDRNTFRHS	23229	22747
>TP53-V216E RHSVVVPY	23	>TP53-V216E RHSEVVPY	23	0
>TP53-V216E RHSVVVPY	522	>TP53-V216E RHSEVVPY	252	270
>TP53-V216E RHSVVVPY	413	>TP53-V216E RHSEVVPY	454	41
>TP53-V216E FRHSVVVPY	4	>TP53-V216E FRHSEVVPY	3	1
>TP53-V216E FRHSVVVPY	33	>TP53-V216E FRHSEVVPY	83	50
>TP53-V216E TFRHSVVVPY	185	>TP53-V216E TFRHSEVVPY	324	139
>TP53-V216E TFRHSVVV	139	>TP53-V216E TFRHSEVV	1418	1279
>TP53-V216E TFRHSVVVPY	162	>TP53-V216E TFRHSEVVPY	459	297
>TP53-V216E TFRHSVVVPY	140	>TP53-V216E TFRHSEVVPY	379	239
>TP53-V216E TFRHSVVVPY	225	>TP53-V216E TFRHSEVVPY	320	95
>TP53-V216E TFRHSVVVPY	271	>TP53-V216E TFRHSEVVPY	420	149
>TP53-V216E NTFRHSVV	1371	>TP53-V216E NTFRHSEV	283	1088
>TP53-V216E NTFRHSVV	382	>TP53-V216E NTFRHSEV	224	158
>TP53-V216E NTFRHSVV	1308	>TP53-V216E NTFRHSEV	481	827
>TP53-V216E NTFRHSVV	309	>TP53-V216E NTFRHSEV	137	172
>TP53-V216E NTFRHSVVV	265	>TP53-V216E NTFRHSEVV	278	13
>TP53-V216E NTFRHSVVVF	128	>TP53-V216E NTFRHSEVVP	336	208
>TP53-V216E NTFRHSVVVF	97	>TP53-V216E NTFRHSEVVP	125	28
>TP53-V216E NTFRHSVVVF	123	>TP53-V216E NTFRHSEVVP	67	56
>TP53-V216E NTFRHSVVVF	82	>TP53-V216E NTFRHSEVVP	102	20
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>TP53-V216E NTFRHSVVVF	61	>TP53-V216E NTFRHSEVVP	148	87
>TP53-V216E NTFRHSVVVF	34	>TP53-V216E NTFRHSEVVP	55	21
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>TP53-V216E NTFRHSVVV	8	>TP53-V216E NTFRHSEVV	9	1
>TP53-V216E NTFRHSVV	50	>TP53-V216E NTFRHSEV	18	32
>TP53-V216E NTFRHSVVV	25	>TP53-V216E NTFRHSEVV	38	13
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>TP53-V216C VVVPYEPPEV	390	>TP53-V216C GVVPYEPPEV	322	68
>TP53-V216C VVVPYEPPEV	136	>TP53-V216C GVVPYEPPEV	179	43



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>TP53-V216C VVVPYEPPEV	72	>TP53-V216C GVVVPYEPPEV	63	9
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>TP53-V216C VVVPYEPPEV	353	>TP53-V216C GVVVPYEPPEV	1127	774
>TP53-V216C SVVVPYEPPE	75	>TP53-V216C SGVVVPYEPPE	2665	2590
>TP53-V216C SVVVPYEPPE	92	>TP53-V216C SGVVVPYEPPE	4506	4414
>TP53-V216C SVVVPYEPPE	129	>TP53-V216C SGVVVPYEPPE	4369	4240
>TP53-V216C SVVVPYEPPE	57	>TP53-V216C SGVVVPYEPPE	7195	7138
>TP53-V216C SVVVPYEPPE	81	>TP53-V216C SGVVVPYEPPE	2091	2010
>TP53-V216C SVVVPYEPPE	26	>TP53-V216C SGVVVPYEPPE	2527	2501
>TP53-V216C LDDRNTFRHS	482	>TP53-V216C LDDRNTFRHS	24309	23827
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>TP53-V216C RHSVVVPY	413	>TP53-V216C RHSGVVVPY	172	241
>TP53-V216C FRHSVVVPY	1048	>TP53-V216C FRHSGVVVPY	373	675
>TP53-V216C FRHSVVVPY	894	>TP53-V216C FRHSGVVVPY	147	747
>TP53-V216C FRHSVVVPY	4	>TP53-V216C FRHSGVVVPY	4	0
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>TP53-V216C TFRHSVVVPY	185	>TP53-V216C TFRHSGVVVPY	135	50
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>TP53-V216C TFRHSVVVPY	162	>TP53-V216C TFRHSGVVVPY	179	17
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>TP53-V216C TFRHSVVVPY	225	>TP53-V216C TFRHSGVVVPY	73	152
>TP53-V216C TFRHSVVVPY	271	>TP53-V216C TFRHSGVVVPY	246	25
>TP53-V216C NTFRHSVV	382	>TP53-V216C NTFRHSGV	132	250
>TP53-V216C NTFRHSVV	581	>TP53-V216C NTFRHSGVV	347	234
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>TP53-V216C NTFRHSVVVF	82	>TP53-V216C NTFRHSGVVF	60	22
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>TP53-V216C NTFRHSVV	50	>TP53-V216C NTFRHSGV	11	39
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>TP53-V216C NTFRHSVVVF	33	>TP53-V216C NTFRHSGVVF	85	52

>TP53-V216CNTFRHSVVVF	23	>TP53-V216CNTFRHSGVVF	18	5
>TP53-V216CNTFRHSVVVF	105	>TP53-V216CNTFRHSGVVF	128	23
>TP53-V216CNTFRHSVVVF	289	>TP53-V216CNTFRHSGVVF	221	68
>TP53-V216CNTFRHSVVVF	23	>TP53-V216CNTFRHSGVVF	61	38
>TP53-V216CRNTRFRHSVV	224	>TP53-V216CRNTRFRHSGV	1898	1674
>TP53-V216CRNTRFRHSVV	642	>TP53-V216CRNTRFRHSGV	479	163
>TP53-V216LVVVPYEPPEV	797	>TP53-V216LVVVPYEPPEV	467	330
>TP53-V216LVVVPYEPPEV	390	>TP53-V216LVVVPYEPPEV	149	241
>TP53-V216LVVVPYEPPEV	136	>TP53-V216LVVVPYEPPEV	56	80
>TP53-V216LVVVPYEPPEV	28	>TP53-V216LVVVPYEPPEV	35	7
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>TP53-V216LVVVPYEPPEV	353	>TP53-V216LVVVPYEPPEV	120	233
>TP53-V216LVVVPYEPPEV	1177	>TP53-V216LVVVPYEPPEV	63	1114
>TP53-V216LVVVPYEPPEV	2169	>TP53-V216LVVVPYEPPEV	63	2106
>TP53-V216LVVVPYEPPEV	515	>TP53-V216LVVVPYEPPEV	31	484
>TP53-V216LVVVPYEPPEV	75	>TP53-V216LVVVPYEPPEV	125	50
>TP53-V216LVVVPYEPPEV	92	>TP53-V216LVVVPYEPPEV	4	88
>TP53-V216LVVVPYEPPEV	1760	>TP53-V216LVVVPYEPPEV	31	1729
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>TP53-V216LVVVPYEPPEV	5164	>TP53-V216LVVVPYEPPEV	110	5054
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>TP53-V216RHSVVVPY	413	>TP53-V216RHSLVVPY	894	481
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>TP53-V216FRHSVVVPY	33	>TP53-V216FRHSLVVPY	21	12
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>TP53-V216TFRHSVVV	139	>TP53-V216TFRHSLV	85	54
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>TP53-V216NTFRHSVVVF	562	>TP53-V216NTFRHSLVVP	226	336
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>TP53-V216NTFRHSVVV	581	>TP53-V216NTFRHSLV	428	153
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>TP53-V216L NTFRHSVVV	25	>TP53-V216L NTFRHSLVV	28	3
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>TP53-V216L DRNTFRHSV	2649	>TP53-V216L DRNTFRHSL	223	2426
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>TP53-V216L VVVPYEPPEV	797	>TP53-V216L MVVPYEPPE\	154	643
>TP53-V216L VVVPYEPPEV	390	>TP53-V216L MVVPYEPPE\	96	294
>TP53-V216L VVVPYEPPEV	136	>TP53-V216L MVVPYEPPE\	47	89
>TP53-V216L VVVPYEPPEV	28	>TP53-V216L MVVPYEPPE\	17	11
>TP53-V216L VVVPYEPPEV	828	>TP53-V216L MVVPYEPPE\	484	344
>TP53-V216L VVVPYEPPEV	72	>TP53-V216L MVVPYEPPE\	70	2
>TP53-V216L VVVPYEPPEV	9	>TP53-V216L MVVPYEPPE\	6	3
>TP53-V216L VVVPYEPPEV	353	>TP53-V216L MVVPYEPPE\	17	336
>TP53-V216L SVVVPYEPPE	1177	>TP53-V216L SMVVPYEPPE	51	1126
>TP53-V216L SVVVPYEPPE	2169	>TP53-V216L SMVVPYEPPE	69	2100
>TP53-V216L SVVVPYEPPE	515	>TP53-V216L SMVVPYEPPE	23	492
>TP53-V216L SVVVPYEPPE	75	>TP53-V216L SMVVPYEPPE	63	12
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>TP53-V216L SVVVPYEPPE	1760	>TP53-V216L SMVVPYEPPE	20	1740
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>TP53-V216L SVVVPYEPPE	57	>TP53-V216L SMVVPYEPPE	6	51
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>TP53-V216L SVVVPYEPPE	26	>TP53-V216L SMVVPYEPPE	103	77
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>TP53-V216M RHSVVVPY	413	>TP53-V216M RHSMVVPY	423	10
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>TP53-V216M TFRHSVVVPY	185	>TP53-V216M TFRHSMVVP`	97	88
>TP53-V216M TFRHSVVV	139	>TP53-V216M TFRHSMVV	59	80
>TP53-V216M TFRHSVVVPY	162	>TP53-V216M TFRHSMVVP`	133	29
>TP53-V216M TFRHSVVVPY	140	>TP53-V216M TFRHSMVVP`	182	42
>TP53-V216M TFRHSVVVPY	225	>TP53-V216M TFRHSMVVP`	218	7
>TP53-V216M TFRHSVVVPY	271	>TP53-V216M TFRHSMVVP`	403	132
>TP53-V216M NTFRHSVVVF	562	>TP53-V216M NTFRHSMVV	343	219
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>TP53-V216M NTFRHSVVV	265	>TP53-V216M NTFRHSMVV	333	68
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>TP53-V216M NTFRHSVV	11	>TP53-V216M NTFRHSMV	8	3
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>TP53-V216M NTFRHSVVV	25	>TP53-V216M NTFRHSMVV	15	10
>TP53-V216M NTFRHSVVVF	766	>TP53-V216M NTFRHSMVV	322	444
>TP53-V216M NTFRHSVVVF	65	>TP53-V216M NTFRHSMVV	62	3
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>TP53-V216M NTFRHSVVVF	23	>TP53-V216M NTFRHSMVV	29	6
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>TP53-V217A VVPYEPPEV	662	>TP53-V217A AVPYEPPEV	448	214
>TP53-V217A VVPYEPPEV	507	>TP53-V217A AVPYEPPEV	348	159
>TP53-V217A VVPYEPPEV	214	>TP53-V217A AVPYEPPEV	285	71
>TP53-V217A VVPYEPPEV	329	>TP53-V217A AVPYEPPEV	326	3

>TP53-V217/VVPYEPPEV	56	>TP53-V217/AVPYEPPEV	62	6
>TP53-V217/VVVPYEPPEV	390	>TP53-V217/VAVPYEPPEV	1199	809
>TP53-V217/VVVPYEPPEV	136	>TP53-V217/VAVPYEPPEV	268	132
>TP53-V217/VVVPYEPPEV	28	>TP53-V217/VAVPYEPPEV	138	110
>TP53-V217/VVVPYEPPEV	72	>TP53-V217/VAVPYEPPEV	773	701
>TP53-V217/VVVPYEPPEV	9	>TP53-V217/VAVPYEPPEV	52	43
>TP53-V217/VVVPYEPPEV	353	>TP53-V217/VAVPYEPPEV	929	576
>TP53-V217/SVVVPYEPPE	1177	>TP53-V217/SVAVPYEPPE	351	826
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>TP53-V217/SVVVPYEPPE	515	>TP53-V217/SVAVPYEPPE	179	336
>TP53-V217/SVVVPYEPPE	75	>TP53-V217/SVAVPYEPPE	82	7
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>TP53-V217/SVVVPYEPPE	26	>TP53-V217/SVAVPYEPPE	16	10
>TP53-V217/RHSVVVPY	23	>TP53-V217/RHSVAVPY	20	3
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>TP53-V217/FRHSVVVPY	1048	>TP53-V217/FRHSVAVPY	427	621
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>TP53-V217/FRHSVVVPY	33	>TP53-V217/FRHSVAVPY	39	6
>TP53-V217/TFRHSVVVPY	185	>TP53-V217/TFRHSVAVPY	106	79
>TP53-V217/TFRHSVVV	139	>TP53-V217/TFRHSVAV	81	58
>TP53-V217/TFRHSVVVPY	162	>TP53-V217/TFRHSVAVPY	157	5
>TP53-V217/TFRHSVVVPY	140	>TP53-V217/TFRHSVAVPY	184	44
>TP53-V217/TFRHSVVVPY	225	>TP53-V217/TFRHSVAVPY	163	62
>TP53-V217/TFRHSVVVPY	271	>TP53-V217/TFRHSVAVPY	476	205
>TP53-V217/NFRHSVVVF	562	>TP53-V217/NFRHSVAVF	345	217
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>TP53-V217/NFRHSVVV	581	>TP53-V217/NFRHSVAV	178	403
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>TP53-V217/NFRHSVV	309	>TP53-V217/NFRHSVA	8283	7974
>TP53-V217/NFRHSVVV	265	>TP53-V217/NFRHSVAV	105	160
>TP53-V217/NFRHSVVVF	128	>TP53-V217/NFRHSVAVF	150	22
>TP53-V217/NFRHSVVVF	97	>TP53-V217/NFRHSVAVF	130	33
>TP53-V217/NFRHSVVVF	123	>TP53-V217/NFRHSVAVF	314	191
>TP53-V217/NFRHSVVVF	82	>TP53-V217/NFRHSVAVF	49	33
>TP53-V217/NFRHSVVV	412	>TP53-V217/NFRHSVAV	137	275
>TP53-V217/NFRHSVVVF	61	>TP53-V217/NFRHSVAVF	61	0
>TP53-V217/NFRHSVVVF	34	>TP53-V217/NFRHSVAVF	31	3
>TP53-V217/NFRHSVV	11	>TP53-V217/NFRHSVA	71	60
>TP53-V217/NFRHSVVV	8	>TP53-V217/NFRHSVAV	6	2

>TP53-V217/NTFRHSVV	50	>TP53-V217/NTFRHSVA	1739	1689
>TP53-V217/NTFRHSVVV	25	>TP53-V217/NTFRHSVAV	8	17
>TP53-V217/NTFRHSVVVF	65	>TP53-V217/NTFRHSVAVF	87	22
>TP53-V217/NTFRHSVVVF	492	>TP53-V217/NTFRHSVAVF	362	130
>TP53-V217/NTFRHSVVV	798	>TP53-V217/NTFRHSVAV	463	335
>TP53-V217/NTFRHSVVVF	33	>TP53-V217/NTFRHSVAVF	37	4
>TP53-V217/NTFRHSVVVF	23	>TP53-V217/NTFRHSVAVF	18	5
>TP53-V217/NTFRHSVVVF	105	>TP53-V217/NTFRHSVAVF	75	30
>TP53-V217/NTFRHSVVVF	289	>TP53-V217/NTFRHSVAVF	227	62
>TP53-V217/NTFRHSVVVF	23	>TP53-V217/NTFRHSVAVF	33	10
>TP53-V217/RNTFRHSVV	224	>TP53-V217/RNTFRHSVA	1857	1633
>TP53-V217E VVPYEPPEV	214	>TP53-V217E EVPYEPPEV	2938	2724
>TP53-V217E VVPYEPPEV	329	>TP53-V217E EVPYEPPEV	2655	2326
>TP53-V217E VVPYEPPEV	56	>TP53-V217E EVPYEPPEV	1042	986
>TP53-V217E VVPYEPPEV	2736	>TP53-V217E EVPYEPPEV	44	2692
>TP53-V217E VVPYEPPEV	4691	>TP53-V217E EVPYEPPEV	75	4616
>TP53-V217E VVVPYEPPEV	390	>TP53-V217E VEVPYEPPEV	11357	10967
>TP53-V217E VVVPYEPPEV	136	>TP53-V217E VEVPYEPPEV	3132	2996
>TP53-V217E VVVPYEPPEV	28	>TP53-V217E VEVPYEPPEV	2552	2524
>TP53-V217E VVVPYEPPEV	72	>TP53-V217E VEVPYEPPEV	4990	4918
>TP53-V217E VVVPYEPPEV	9	>TP53-V217E VEVPYEPPEV	2288	2279
>TP53-V217E VVVPYEPPEV	353	>TP53-V217E VEVPYEPPEV	17056	16703
>TP53-V217E VVVPYEPPEV	35760	>TP53-V217E VEVPYEPPEV	293	35467
>TP53-V217E SVVVPYEPPE	75	>TP53-V217E SVEVPYEPPE'	1202	1127
>TP53-V217E SVVVPYEPPE	92	>TP53-V217E SVEVPYEPPE'	855	763
>TP53-V217E SVVVPYEPPE	129	>TP53-V217E SVEVPYEPPE'	1389	1260
>TP53-V217E SVVVPYEPPE	57	>TP53-V217E SVEVPYEPPE'	129	72
>TP53-V217E SVVVPYEPPE	81	>TP53-V217E SVEVPYEPPE'	869	788
>TP53-V217E SVVVPYEPPE	26	>TP53-V217E SVEVPYEPPE'	225	199
>TP53-V217E RHSVVVPY	23	>TP53-V217E RHSVEVPY	33	10
>TP53-V217E RHSVVVPY	413	>TP53-V217E RHSVEVPY	197	216
>TP53-V217E FRHSVVVPY	4	>TP53-V217E FRHSVEVPY	9	5
>TP53-V217E FRHSVVVPY	33	>TP53-V217E FRHSVEVPY	104	71
>TP53-V217E TFRHSVVVPY	185	>TP53-V217E TFRHSVEVPY	191	6
>TP53-V217E TFRHSVVV	139	>TP53-V217E TFRHSVEV	246	107
>TP53-V217E TFRHSVVVPY	162	>TP53-V217E TFRHSVEVPY	818	656
>TP53-V217E TFRHSVVVPY	140	>TP53-V217E TFRHSVEVPY	343	203
>TP53-V217E TFRHSVVVPY	225	>TP53-V217E TFRHSVEVPY	267	42
>TP53-V217E TFRHSVVVPY	271	>TP53-V217E TFRHSVEVPY	632	361
>TP53-V217E NTFRHSVVV	872	>TP53-V217E NTFRHSVEV	108	764
>TP53-V217E NTFRHSVV	382	>TP53-V217E NTFRHSVE	23113	22731
>TP53-V217E NTFRHSVVV	581	>TP53-V217E NTFRHSVEV	268	313
>TP53-V217E NTFRHSVVV	680	>TP53-V217E NTFRHSVEV	142	538

>TP53-V217ENTFRHSVV	309	>TP53-V217ENTFRHSVE	30316	30007
>TP53-V217ENTFRHSVVV	265	>TP53-V217ENTFRHSVEV	96	169
>TP53-V217ENTFRHSVVV	1108	>TP53-V217ENTFRHSVEV	407	701
>TP53-V217ENTFRHSVVVF	128	>TP53-V217ENTFRHSVEVP	224	96
>TP53-V217ENTFRHSVVVF	97	>TP53-V217ENTFRHSVEVP	304	207
>TP53-V217ENTFRHSVVVF	123	>TP53-V217ENTFRHSVEVP	388	265
>TP53-V217ENTFRHSVVVF	82	>TP53-V217ENTFRHSVEVP	103	21
>TP53-V217ENTFRHSVVV	412	>TP53-V217ENTFRHSVEV	576	164
>TP53-V217ENTFRHSVVVF	61	>TP53-V217ENTFRHSVEVP	162	101
>TP53-V217ENTFRHSVVVF	34	>TP53-V217ENTFRHSVEVP	37	3
>TP53-V217ENTFRHSVV	11	>TP53-V217ENTFRHSVE	17704	17693
>TP53-V217ENTFRHSVVV	8	>TP53-V217ENTFRHSVEV	5	3
>TP53-V217ENTFRHSVV	50	>TP53-V217ENTFRHSVE	18463	18413
>TP53-V217ENTFRHSVVV	25	>TP53-V217ENTFRHSVEV	10	15
>TP53-V217ENTFRHSVVVF	65	>TP53-V217ENTFRHSVEVP	140	75
>TP53-V217ENTFRHSVVVF	492	>TP53-V217ENTFRHSVEVP	700	208
>TP53-V217ENTFRHSVVVF	33	>TP53-V217ENTFRHSVEVP	62	29
>TP53-V217ENTFRHSVVVF	23	>TP53-V217ENTFRHSVEVP	46	23
>TP53-V217ENTFRHSVVVF	105	>TP53-V217ENTFRHSVEVP	91	14
>TP53-V217ENTFRHSVVVF	289	>TP53-V217ENTFRHSVEVP	451	162
>TP53-V217ENTFRHSVVVF	23	>TP53-V217ENTFRHSVEVP	48	25
>TP53-V217ENTFRHSVV	224	>TP53-V217ENTFRHSVE	4396	4172
>TP53-V217CVVPYEPPEV	214	>TP53-V217CVGVPYEPPEV	537	323
>TP53-V217CVVPYEPPEV	329	>TP53-V217CVGVPYEPPEV	306	23
>TP53-V217CVVPYEPPEV	56	>TP53-V217CVGVPYEPPEV	133	77
>TP53-V217CVVVPYEPPEV	390	>TP53-V217CVGVVPYEPPEV	13005	12615
>TP53-V217CVVVPYEPPEV	136	>TP53-V217CVGVVPYEPPEV	4260	4124
>TP53-V217CVVVPYEPPEV	28	>TP53-V217CVGVVPYEPPEV	1765	1737
>TP53-V217CVVVPYEPPEV	72	>TP53-V217CVGVVPYEPPEV	2962	2890
>TP53-V217CVVVPYEPPEV	9	>TP53-V217CVGVVPYEPPEV	1267	1258
>TP53-V217CVVVPYEPPEV	353	>TP53-V217CVGVVPYEPPEV	11882	11529
>TP53-V217CSVVVPYEPPE	75	>TP53-V217CSVGVVPYEPPE	862	787
>TP53-V217CSVVVPYEPPE	92	>TP53-V217CSVGVVPYEPPE	87	5
>TP53-V217CSVVVPYEPPE	129	>TP53-V217CSVGVVPYEPPE	73	56
>TP53-V217CSVVVPYEPPE	57	>TP53-V217CSVGVVPYEPPE	65	8
>TP53-V217CSVVVPYEPPE	81	>TP53-V217CSVGVVPYEPPE	551	470
>TP53-V217CSVVVPYEPPE	26	>TP53-V217CSVGVVPYEPPE	71	45
>TP53-V217CRHSVVVPY	642	>TP53-V217CRHSVGVVPY	424	218
>TP53-V217CRHSVVVPY	23	>TP53-V217CRHSVGVVPY	21	2
>TP53-V217CRHSVVVPY	413	>TP53-V217CRHSVGVVPY	330	83
>TP53-V217CFRHSVVVPY	894	>TP53-V217CFRHSVGVVPY	151	743
>TP53-V217CFRHSVVVPY	4	>TP53-V217CFRHSVGVVPY	4	0
>TP53-V217CFRHSVVVPY	33	>TP53-V217CFRHSVGVVPY	54	21

>TP53-V217C TFRHSVVPY	185	>TP53-V217C TFRHSVGPY	127	58
>TP53-V217C TFRHSVVV	139	>TP53-V217C TFRHSVGV	272	133
>TP53-V217C TFRHSVVPY	162	>TP53-V217C TFRHSVGPY	239	77
>TP53-V217C TFRHSVVPY	140	>TP53-V217C TFRHSVGPY	150	10
>TP53-V217C TFRHSVVPY	225	>TP53-V217C TFRHSVGPY	89	136
>TP53-V217C TFRHSVVPY	271	>TP53-V217C TFRHSVGPY	627	356
>TP53-V217C NTFRHSVVV	562	>TP53-V217C NTFRHSVGV	403	159
>TP53-V217C NTFRHSVVV	872	>TP53-V217C NTFRHSVGV	249	623
>TP53-V217C NTFRHSVV	382	>TP53-V217C NTFRHSVG	20219	19837
>TP53-V217C NTFRHSVVV	581	>TP53-V217C NTFRHSVGV	160	421
>TP53-V217C NTFRHSVVV	680	>TP53-V217C NTFRHSVGV	124	556
>TP53-V217C NTFRHSVV	309	>TP53-V217C NTFRHSVG	26757	26448
>TP53-V217C NTFRHSVVV	265	>TP53-V217C NTFRHSVGV	90	175
>TP53-V217C NTFRHSVVV	128	>TP53-V217C NTFRHSVGV	166	38
>TP53-V217C NTFRHSVVV	97	>TP53-V217C NTFRHSVGV	126	29
>TP53-V217C NTFRHSVVV	123	>TP53-V217C NTFRHSVGV	432	309
>TP53-V217C NTFRHSVVV	678	>TP53-V217C NTFRHSVGV	375	303
>TP53-V217C NTFRHSVVV	82	>TP53-V217C NTFRHSVGV	61	21
>TP53-V217C NTFRHSVVV	412	>TP53-V217C NTFRHSVGV	700	288
>TP53-V217C NTFRHSVVV	61	>TP53-V217C NTFRHSVGV	189	128
>TP53-V217C NTFRHSVVV	34	>TP53-V217C NTFRHSVGV	50	16
>TP53-V217C NTFRHSVV	11	>TP53-V217C NTFRHSVG	6086	6075
>TP53-V217C NTFRHSVVV	8	>TP53-V217C NTFRHSVGV	5	3
>TP53-V217C NTFRHSVV	50	>TP53-V217C NTFRHSVG	15711	15661
>TP53-V217C NTFRHSVVV	25	>TP53-V217C NTFRHSVGV	6	19
>TP53-V217C NTFRHSVVV	65	>TP53-V217C NTFRHSVGV	77	12
>TP53-V217C NTFRHSVVV	492	>TP53-V217C NTFRHSVGV	210	282
>TP53-V217C NTFRHSVVV	33	>TP53-V217C NTFRHSVGV	43	10
>TP53-V217C NTFRHSVVV	23	>TP53-V217C NTFRHSVGV	23	0
>TP53-V217C NTFRHSVVV	105	>TP53-V217C NTFRHSVGV	137	32
>TP53-V217C NTFRHSVVV	289	>TP53-V217C NTFRHSVGV	246	43
>TP53-V217C NTFRHSVVV	23	>TP53-V217C NTFRHSVGV	54	31
>TP53-V217C RNTFRHSVV	224	>TP53-V217C RNTFRHSVG	4776	4552
>TP53-V217L VVPYEPPEV	662	>TP53-V217L LVPYEPPEV	430	232
>TP53-V217L VVPYEPPEV	507	>TP53-V217L LVPYEPPEV	346	161
>TP53-V217L VVPYEPPEV	214	>TP53-V217L LVPYEPPEV	250	36
>TP53-V217L VVPYEPPEV	329	>TP53-V217L LVPYEPPEV	519	190
>TP53-V217L VVPYEPPEV	56	>TP53-V217L LVPYEPPEV	43	13
>TP53-V217L VVVPYEPPEV	797	>TP53-V217L VLVPYEPPEV	36	761
>TP53-V217L VVVPYEPPEV	2498	>TP53-V217L VLVPYEPPEV	209	2289
>TP53-V217L VVVPYEPPEV	390	>TP53-V217L VLVPYEPPEV	52	338
>TP53-V217L VVVPYEPPEV	136	>TP53-V217L VLVPYEPPEV	111	25
>TP53-V217L VVVPYEPPEV	28	>TP53-V217L VLVPYEPPEV	2	26



>TP53-V217L VVVPYEPPEV	828	>TP53-V217L VLVPYEPPEV	10	818
>TP53-V217L VVVPYEPPEV	72	>TP53-V217L VLVPYEPPEV	5	67
>TP53-V217L VVVPYEPPEV	955	>TP53-V217L VLVPYEPPEV	7	948
>TP53-V217L VVVPYEPPEV	9	>TP53-V217L VLVPYEPPEV	2	7
>TP53-V217L VVVPYEPPEV	353	>TP53-V217L VLVPYEPPEV	1320	967
>TP53-V217L SVVVPYEPPE	1177	>TP53-V217L SVLVPYEPPE\	186	991
>TP53-V217L SVVVPYEPPE	75	>TP53-V217L SVLVPYEPPE\	47	28
>TP53-V217L SVVVPYEPPE	92	>TP53-V217L SVLVPYEPPE\	15	77
>TP53-V217L SVVVPYEPPE	1760	>TP53-V217L SVLVPYEPPE\	357	1403
>TP53-V217L SVVVPYEPPE	129	>TP53-V217L SVLVPYEPPE\	15	114
>TP53-V217L SVVVPYEPPE	5164	>TP53-V217L SVLVPYEPPE\	430	4734
>TP53-V217L SVVVPYEPPE	57	>TP53-V217L SVLVPYEPPE\	35	22
>TP53-V217L SVVVPYEPPE	81	>TP53-V217L SVLVPYEPPE\	322	241
>TP53-V217L SVVVPYEPPE	26	>TP53-V217L SVLVPYEPPE\	10	16
>TP53-V217L RHSVVVPY	23	>TP53-V217L RHSVLVPY	34	11
>TP53-V217L RHSVVVPY	413	>TP53-V217L RHSVLVPY	437	24
>TP53-V217L FRHSVVVPY	4	>TP53-V217L FRHSVLVPY	7	3
>TP53-V217L FRHSVVVPY	33	>TP53-V217L FRHSVLVPY	37	4
>TP53-V217L TFRHSVVVPY	185	>TP53-V217L TFRHSVLVPY	196	11
>TP53-V217L TFRHSVVV	139	>TP53-V217L TFRHSVLV	67	72
>TP53-V217L TFRHSVVVPY	162	>TP53-V217L TFRHSVLVPY	120	42
>TP53-V217L TFRHSVVVPY	140	>TP53-V217L TFRHSVLVPY	180	40
>TP53-V217L TFRHSVVVPY	225	>TP53-V217L TFRHSVLVPY	239	14
>TP53-V217L TFRHSVVVPY	271	>TP53-V217L TFRHSVLVPY	498	227
>TP53-V217L NTFRHSVVVF	562	>TP53-V217L NTFRHSVLVP	304	258
>TP53-V217L NTFRHSVVV	872	>TP53-V217L NTFRHSVLV	108	764
>TP53-V217L NTFRHSVV	382	>TP53-V217L NTFRHSVL	3220	2838
>TP53-V217L NTFRHSVVV	581	>TP53-V217L NTFRHSVLV	188	393
>TP53-V217L NTFRHSVVV	680	>TP53-V217L NTFRHSVLV	149	531
>TP53-V217L NTFRHSVV	309	>TP53-V217L NTFRHSVL	3865	3556
>TP53-V217L NTFRHSVVV	265	>TP53-V217L NTFRHSVLV	236	29
>TP53-V217L NTFRHSVVVF	128	>TP53-V217L NTFRHSVLVP	108	20
>TP53-V217L NTFRHSVVVF	97	>TP53-V217L NTFRHSVLVP	65	32
>TP53-V217L NTFRHSVVVF	123	>TP53-V217L NTFRHSVLVP	106	17
>TP53-V217L NTFRHSVVVF	82	>TP53-V217L NTFRHSVLVP	46	36
>TP53-V217L NTFRHSVVV	412	>TP53-V217L NTFRHSVLV	1038	626
>TP53-V217L NTFRHSVVVF	61	>TP53-V217L NTFRHSVLVP	125	64
>TP53-V217L NTFRHSVVVF	34	>TP53-V217L NTFRHSVLVP	37	3
>TP53-V217L NTFRHSVV	11	>TP53-V217L NTFRHSVL	52	41
>TP53-V217L NTFRHSVVV	8	>TP53-V217L NTFRHSVLV	6	2
>TP53-V217L NTFRHSVV	50	>TP53-V217L NTFRHSVL	660	610
>TP53-V217L NTFRHSVVV	25	>TP53-V217L NTFRHSVLV	9	16
>TP53-V217L NTFRHSVVVF	766	>TP53-V217L NTFRHSVLVP	482	284

>TP53-V217L NTFRHSVVVF	65	>TP53-V217L NTFRHSVLVP	104	39
>TP53-V217L NTFRHSVVVF	492	>TP53-V217L NTFRHSVLVP	642	150
>TP53-V217L NTFRHSVVVF	33	>TP53-V217L NTFRHSVLVP	68	35
>TP53-V217L NTFRHSVV	4902	>TP53-V217L NTFRHSVL	162	4740
>TP53-V217L NTFRHSVVVF	23	>TP53-V217L NTFRHSVLVP	30	7
>TP53-V217L NTFRHSVVVF	105	>TP53-V217L NTFRHSVLVP	174	69
>TP53-V217L NTFRHSVVVF	289	>TP53-V217L NTFRHSVLVP	210	79
>TP53-V217L NTFRHSVVVF	23	>TP53-V217L NTFRHSVLVP	42	19
>TP53-V217L NTFRHSVV	1488	>TP53-V217L NTFRHSVL	290	1198
>TP53-V217L RNTFRHSVV	224	>TP53-V217L RNTFRHSVL	73	151
>TP53-V217L RNTFRHSV\	642	>TP53-V217L RNTFRHSVLV	401	241
>TP53-V217L RNTFRHSVV	2022	>TP53-V217L RNTFRHSVL	200	1822
>TP53-V217L DRNTFRHSV\	3881	>TP53-V217L DRNTFRHSVL	347	3534
>TP53-V217L DRNTFRHSV\	3714	>TP53-V217L DRNTFRHSVL	380	3334
>TP53-V218\VPYEPPEV	184	>TP53-V218\APYEPPEV	218	34
>TP53-V218\VPYEPPEV	139	>TP53-V218\APYEPPEV	198	59
>TP53-V218\VPYEPPEV	266	>TP53-V218\APYEPPEV	208	58
>TP53-V218\VPYEPPEV	48	>TP53-V218\APYEPPEV	186	138
>TP53-V218\VPYEPPEV	205	>TP53-V218\APYEPPEV	1024	819
>TP53-V218\VVVPYEPPEV	214	>TP53-V218\VAPYEPPEV	1240	1026
>TP53-V218\VVVPYEPPEV	329	>TP53-V218\VAPYEPPEV	2407	2078
>TP53-V218\VVVPYEPPEV	56	>TP53-V218\VAPYEPPEV	780	724
>TP53-V218\VVVPYEPPEV	390	>TP53-V218\VVAPYEPPEV	376	14
>TP53-V218\VVVPYEPPEV	136	>TP53-V218\VVAPYEPPEV	233	97
>TP53-V218\VVVPYEPPEV	28	>TP53-V218\VVAPYEPPEV	21	7
>TP53-V218\VVVPYEPPEV	72	>TP53-V218\VVAPYEPPEV	21	51
>TP53-V218\VVVPYEPPEV	955	>TP53-V218\VVAPYEPPEV	75	880
>TP53-V218\VVVPYEPPEV	9	>TP53-V218\VVAPYEPPEV	6	3
>TP53-V218\VVVPYEPPEV	353	>TP53-V218\VVAPYEPPEV	208	145
>TP53-V218\SVVVPYEPPE	1177	>TP53-V218\SVVAPYEPPE	305	872
>TP53-V218\SVVVPYEPPE	515	>TP53-V218\SVVAPYEPPE	137	378
>TP53-V218\SVVVPYEPPE	75	>TP53-V218\SVVAPYEPPE	32	43
>TP53-V218\SVVVPYEPPE	92	>TP53-V218\SVVAPYEPPE	27	65
>TP53-V218\SVVVPYEPPE	129	>TP53-V218\SVVAPYEPPE	62	67
>TP53-V218\SVVVPYEPPE	57	>TP53-V218\SVVAPYEPPE	26	31
>TP53-V218\SVVVPYEPPE	81	>TP53-V218\SVVAPYEPPE	39	42
>TP53-V218\SVVVPYEPPE	26	>TP53-V218\SVVAPYEPPE	15	11
>TP53-V218\RHSSVVVPY	642	>TP53-V218\RHSSVVAPY	211	431
>TP53-V218\RHSSVVVPY	23	>TP53-V218\RHSSVVAPY	45	22
>TP53-V218\RHSSVVVPY	413	>TP53-V218\RHSSVVAPY	102	311
>TP53-V218\FRHSVVVP	690	>TP53-V218\FRHSVVAP	492	198
>TP53-V218\FRHSVVVPY	4	>TP53-V218\FRHSVVAPY	7	3
>TP53-V218\FRHSVVVPY	33	>TP53-V218\FRHSVVAPY	56	23

>TP53-V218/TFRHSVVVPY	185	>TP53-V218/TFRHSVVAPY	232	47
>TP53-V218/TFRHSVVV	139	>TP53-V218/TFRHSVVA	74	65
>TP53-V218/TFRHSVVVPY	162	>TP53-V218/TFRHSVVAPY	100	62
>TP53-V218/TFRHSVVVPY	687	>TP53-V218/TFRHSVVAPY	199	488
>TP53-V218/TFRHSVVVPY	140	>TP53-V218/TFRHSVVAPY	106	34
>TP53-V218/TFRHSVVVPY	225	>TP53-V218/TFRHSVVAPY	142	83
>TP53-V218/TFRHSVVVPY	271	>TP53-V218/TFRHSVVAPY	420	149
>TP53-V218/NFRHSVVV	265	>TP53-V218/NFRHSVVA	7828	7563
>TP53-V218/NFRHSVVVF	128	>TP53-V218/NFRHSVAAF	195	67
>TP53-V218/NFRHSVVVF	845	>TP53-V218/NFRHSVAAF	347	498
>TP53-V218/NFRHSVVVF	97	>TP53-V218/NFRHSVAAF	38	59
>TP53-V218/NFRHSVVVF	123	>TP53-V218/NFRHSVAAF	50	73
>TP53-V218/NFRHSVVVF	678	>TP53-V218/NFRHSVAAF	432	246
>TP53-V218/NFRHSVVVF	82	>TP53-V218/NFRHSVAAF	65	17
>TP53-V218/NFRHSVVVF	1274	>TP53-V218/NFRHSVAAF	468	806
>TP53-V218/NFRHSVVV	412	>TP53-V218/NFRHSVVA	2792	2380
>TP53-V218/NFRHSVVVF	61	>TP53-V218/NFRHSVAAF	193	132
>TP53-V218/NFRHSVVVF	34	>TP53-V218/NFRHSVAAF	28	6
>TP53-V218/NFRHSVVV	8	>TP53-V218/NFRHSVVA	39	31
>TP53-V218/NFRHSVVV	25	>TP53-V218/NFRHSVVA	1074	1049
>TP53-V218/NFRHSVVVF	65	>TP53-V218/NFRHSVAAF	54	11
>TP53-V218/NFRHSVVVF	492	>TP53-V218/NFRHSVAAF	330	162
>TP53-V218/NFRHSVVVF	33	>TP53-V218/NFRHSVAAF	58	25
>TP53-V218/NFRHSVVVF	23	>TP53-V218/NFRHSVAAF	15	8
>TP53-V218/NFRHSVVVF	105	>TP53-V218/NFRHSVAAF	102	3
>TP53-V218/NFRHSVVVF	289	>TP53-V218/NFRHSVAAF	138	151
>TP53-V218/NFRHSVVVF	23	>TP53-V218/NFRHSVAAF	26	3
>TP53-V218/VPYEPPEV	184	>TP53-V218/EPYEPPEV	3518	3334
>TP53-V218/VPYEPPEV	139	>TP53-V218/EPYEPPEV	2013	1874
>TP53-V218/VPYEPPEV	266	>TP53-V218/EPYEPPEV	9	257
>TP53-V218/VPYEPPEV	48	>TP53-V218/EPYEPPEV	76	28
>TP53-V218/VPYEPPEV	205	>TP53-V218/EPYEPPEV	384	179
>TP53-V218/VVPYEPPEV	214	>TP53-V218/VEPYEPPEV	10151	9937
>TP53-V218/VVPYEPPEV	329	>TP53-V218/VEPYEPPEV	9209	8880
>TP53-V218/VVPYEPPEV	56	>TP53-V218/VEPYEPPEV	15133	15077
>TP53-V218/VVPYEPPEV	31565	>TP53-V218/VEPYEPPEV	151	31414
>TP53-V218/VVVPYEPPEV	390	>TP53-V218/VVEPYEPPEV	2254	1864
>TP53-V218/VVVPYEPPEV	136	>TP53-V218/VVEPYEPPEV	883	747
>TP53-V218/VVVPYEPPEV	28	>TP53-V218/VVEPYEPPEV	248	220
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>TP53-V218/VVVPYEPPEV	9	>TP53-V218/VVEPYEPPEV	16	7
>TP53-V218/VVVPYEPPEV	353	>TP53-V218/VVEPYEPPEV	2569	2216
>TP53-V218/SVVVPYEPPE	1177	>TP53-V218/SVVEPYEPPE	154	1023

>TP53-V218ESVVVPYEPPE'	515	>TP53-V218ESVVEPYEPPE'	93	422
>TP53-V218ESVVVPYEPPE'	75	>TP53-V218ESVVEPYEPPE'	19	56
>TP53-V218ESVVVPYEPPE'	92	>TP53-V218ESVVEPYEPPE'	10	82
>TP53-V218ESVVVPYEPPE'	1760	>TP53-V218ESVVEPYEPPE'	239	1521
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>TP53-V218ESVVVPYEPPE'	26	>TP53-V218ESVVEPYEPPE'	9	17
>TP53-V218ERHSVVVPY	23	>TP53-V218ERHSVVEPY	77	54
>TP53-V218ERHSVVVPY	413	>TP53-V218ERHSVVEPY	120	293
>TP53-V218ERHSVVVPY	4	>TP53-V218ERHSVVEPY	10	6
>TP53-V218ERHSVVVPY	33	>TP53-V218ERHSVVEPY	75	42
>TP53-V218ETFRHSVVVPY	185	>TP53-V218ETFRHSVVEPY	423	238
>TP53-V218ETFRHSVVV	139	>TP53-V218ETFRHSVVE	5423	5284
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>TP53-V218ETFRHSVVVPY	225	>TP53-V218ETFRHSVVEPY	236	11
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>TP53-V218ENTFRHSVVVF	562	>TP53-V218ENTFRHSVVEP	480	82
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>TP53-V218ENTFRHSVVVF	128	>TP53-V218ENTFRHSVVEP	345	217
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>TP53-V218ENTFRHSVVVF	123	>TP53-V218ENTFRHSVVEP	78	45
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>TP53-V218ENTFRHSVVV	412	>TP53-V218ENTFRHSVVE	4982	4570
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>TP53-V218ENTFRHSVVVF	33	>TP53-V218ENTFRHSVVEP	79	46
>TP53-V218ENTFRHSVVVF	23	>TP53-V218ENTFRHSVVEP	43	20
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>TP53-V218CVPYEPPEV	48	>TP53-V218CGPYEPPEV	338	290
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>TP53-V218CVVPYEPPE	18222	>TP53-V218CVGPYEPPE	417	17805
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>TP53-V218C VVPYEPPEVG	19176	>TP53-V218C VGPYEPPEVC	496	18680
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>TP53-V218C VVPYEPPEV	329	>TP53-V218C VGPYEPPEV	6159	5830
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>TP53-V218C VVVPYEPPEV	28	>TP53-V218C VVGPYEPPEV	25	3
>TP53-V218C VVVPYEPPEV	72	>TP53-V218C VVGPYEPPEV	43	29
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>TP53-V218C SVVVPYEPPE	129	>TP53-V218C SVVGPYEPPE	48	81
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>TP53-V218C TFRHSVVV	139	>TP53-V218C TFRHSVVG	1205	1066
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>TP53-V218C NTFRHSVVVF	128	>TP53-V218C NTFRHSVVGf	381	253
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>TP53-V218C NTFRHSVVVF	289	>TP53-V218C NTFRHSVVGF	133	156
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>TP53-V218L VPYEPPEV	1825	>TP53-V218L LPYEPPEV	319	1506
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>TP53-V218L VVPYEPPEV	923	>TP53-V218L VLPYEPPEV	32	891
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>TP53-V218L VVPYEPPEV	329	>TP53-V218L VLPYEPPEV	8	321
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>TP53-V218L DRNTFRHSV\	1923	>TP53-V218L DRNTFRHSV\	136	1787
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>TP53-V218L VVVPYEPPEV	797	>TP53-V218L VVLPYEPPEV	115	682
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>TP53-V218L SVVVPYEPPE	515	>TP53-V218L SVVLPYEPPE\	469	46
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>TP53-V218L RHSVVVPY	1776	>TP53-V218L RHSVVLPY	154	1622
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>TP53-V218L FRHSVVVPY	1048	>TP53-V218L FRHSVVLPY	76	972
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>TP53-V218L TFRHSVVVPY	140	>TP53-V218L TFRHSVVLPY	161	21
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>TP53-V218MVPYEPPEV	266	>TP53-V218MMPYEPPEV	22	244
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>TP53-V218MVPYEPPEV	48	>TP53-V218MMPYEPPEV	25	23
>TP53-V218MVPYEPPEV	1825	>TP53-V218MMPYEPPEV	107	1718
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>TP53-V218MVPYEPPEVG	1696	>TP53-V218MMPYEPPEVG	77	1619
>TP53-V218MVPYEPPEVGS	2184	>TP53-V218MMPYEPPEVG!	421	1763
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>TP53-V218MVVPYEPPEV	923	>TP53-V218MVMPYEPPEV	31	892
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>TP53-V218MVVVPYEPPEV	797	>TP53-V218MVVMPYEPPEV	47	750
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>TP53-V218MVVVPYEPPEV	28	>TP53-V218MVVMPYEPPEV	11	17
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>TP53-V218MVVVPYEPPEV	353	>TP53-V218MVVMPYEPPEV	81	272
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>TP53-V218MSVVVPYEPPE	129	>TP53-V218MSVMPYEPPE	93	36
>TP53-V218MSVVVPYEPPE	57	>TP53-V218MSVMPYEPPE	34	23
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>TP53-V218MRHSVVVPY	642	>TP53-V218MRHSVMPY	402	240
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>TP53-V218MRHSVVVPY	23	>TP53-V218MRHSVMPY	31	8
>TP53-V218MRHSVVVPY	413	>TP53-V218MRHSVMPY	75	338
>TP53-V218FRHSVVVPY	1048	>TP53-V218FRHSVMPY	385	663
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>TP53-V218MFRHSVVVPY	33	>TP53-V218MFRHSVVMPI	63	30
>TP53-V218MFRHSVVVPY	185	>TP53-V218MFRHSVVMPI	158	27
>TP53-V218MFRHSVVV	139	>TP53-V218MFRHSVVM	233	94
>TP53-V218MFRHSVVVPY	162	>TP53-V218MFRHSVVMPI	66	96
>TP53-V218MFRHSVVVPY	140	>TP53-V218MFRHSVVMPI	167	27
>TP53-V218MFRHSVVVPY	225	>TP53-V218MFRHSVVMPI	206	19
>TP53-V218MFRHSVVVPY	271	>TP53-V218MFRHSVVMPI	277	6
>TP53-V218MNTFRHSVVVF	562	>TP53-V218MNTFRHSVVM	233	329
>TP53-V218MNTFRHSVVV	265	>TP53-V218MNTFRHSVVM	10031	9766
>TP53-V218MNTFRHSVVVF	647	>TP53-V218MNTFRHSVVM	296	351
>TP53-V218MNTFRHSVVVF	128	>TP53-V218MNTFRHSVVM	63	65
>TP53-V218MNTFRHSVVVF	97	>TP53-V218MNTFRHSVVM	52	45
>TP53-V218MNTFRHSVVVF	123	>TP53-V218MNTFRHSVVM	164	41
>TP53-V218MNTFRHSVVVF	82	>TP53-V218MNTFRHSVVM	50	32
>TP53-V218MNTFRHSVVV	412	>TP53-V218MNTFRHSVVM	323	89
>TP53-V218MNTFRHSVVVF	61	>TP53-V218MNTFRHSVVM	146	85
>TP53-V218MNTFRHSVVVF	34	>TP53-V218MNTFRHSVVM	32	2
>TP53-V218MNTFRHSVVV	8	>TP53-V218MNTFRHSVVM	332	324
>TP53-V218MNTFRHSVVV	25	>TP53-V218MNTFRHSVVM	454	429
>TP53-V218MNTFRHSVVVF	766	>TP53-V218MNTFRHSVVM	156	610
>TP53-V218MNTFRHSVVV	2212	>TP53-V218MNTFRHSVVM	153	2059
>TP53-V218MNTFRHSVVVF	65	>TP53-V218MNTFRHSVVM	61	4
>TP53-V218MNTFRHSVVVF	492	>TP53-V218MNTFRHSVVM	439	53
>TP53-V218MNTFRHSVVV	798	>TP53-V218MNTFRHSVVM	227	571
>TP53-V218MNTFRHSVVVF	33	>TP53-V218MNTFRHSVVM	32	1
>TP53-V218MNTFRHSVVV	6172	>TP53-V218MNTFRHSVVM	175	5997
>TP53-V218MNTFRHSVVVF	23	>TP53-V218MNTFRHSVVM	24	1
>TP53-V218MNTFRHSVVVF	609	>TP53-V218MNTFRHSVVM	487	122
>TP53-V218MNTFRHSVVVF	105	>TP53-V218MNTFRHSVVM	152	47
>TP53-V218MNTFRHSVVV	2753	>TP53-V218MNTFRHSVVM	108	2645
>TP53-V218MNTFRHSVVVF	289	>TP53-V218MNTFRHSVVM	136	153
>TP53-V218MNTFRHSVVVF	23	>TP53-V218MNTFRHSVVM	33	10
>TP53-V218MNTFRHSVV	642	>TP53-V218MNTFRHSVVM	41	601
>TP53-V225AVGSDCTTIHY	353	>TP53-V225AVGSDCTTIHY	590	237
>TP53-V225AVGSDCTTIHY	184	>TP53-V225AVGSDCTTIHY	153	31
>TP53-V225AVGSDCTTIHY	377	>TP53-V225AVGSDCTTIHY	248	129
>TP53-V225AVGSDCTTIHY	449	>TP53-V225AVGSDCTTIHY	426	23
>TP53-V225AVGSDCTTI	605	>TP53-V225AVGSDCTTI	349	256
>TP53-V225AEVGSDCCTIHY	11	>TP53-V225AEVGSDCCTIHY	176	165
>TP53-V225AEVGSDCCTIHY	75	>TP53-V225AEVGSDCCTIHY	623	548
>TP53-V225AEVGSDCCTIHY	387	>TP53-V225AEVGSDCCTIHY	2133	1746
>TP53-V225AEVGSDCCTIHY	326	>TP53-V225AEVGSDCCTIHY	2580	2254
>TP53-V225AEVGSDCCTIHY	1160	>TP53-V225AEVGSDCCTIHY	208	952

>TP53-V225/SVVVPYEPPE	75	>TP53-V225/SVVVPYEPPE	1313	1238
>TP53-V225/SVVVPYEPPE	92	>TP53-V225/SVVVPYEPPE	4615	4523
>TP53-V225/SVVVPYEPPE	129	>TP53-V225/SVVVPYEPPE	6018	5889
>TP53-V225/SVVVPYEPPE	57	>TP53-V225/SVVVPYEPPE	5232	5175
>TP53-V225/SVVVPYEPPE	81	>TP53-V225/SVVVPYEPPE	531	450
>TP53-V225/SVVVPYEPPE	26	>TP53-V225/SVVVPYEPPE	700	674
>TP53-V225/PEVGS DCTTI	1029	>TP53-V225/PEVGS DCTTI	369	660
>TP53-V225/PEVGS DCTTI	342	>TP53-V225/PEVGS DCTTI	314	28
>TP53-V225/VPYEPPEV	184	>TP53-V225/VPYEPPEA	11792	11608
>TP53-V225/VPYEPPEV	139	>TP53-V225/VPYEPPEA	4614	4475
>TP53-V225/VPYEPPEV	266	>TP53-V225/VPYEPPEA	2860	2594
>TP53-V225/VPYEPPEV	48	>TP53-V225/VPYEPPEA	426	378
>TP53-V225/VPYEPPEV	205	>TP53-V225/VPYEPPEA	50	155
>TP53-V225/VVPYEPPEV	214	>TP53-V225/VVPYEPPEA	7760	7546
>TP53-V225/VVPYEPPEV	329	>TP53-V225/VVPYEPPEA	8277	7948
>TP53-V225/VVPYEPPEV	56	>TP53-V225/VVPYEPPEA	7755	7699
>TP53-V225/VVVPYEPPEV	390	>TP53-V225/VVVPYEPPEA	2719	2329
>TP53-V225/VVVPYEPPEV	136	>TP53-V225/VVVPYEPPEA	625	489
>TP53-V225/VVVPYEPPEV	28	>TP53-V225/VVVPYEPPEA	1670	1642
>TP53-V225/VVVPYEPPEV	72	>TP53-V225/VVVPYEPPEA	4546	4474
>TP53-V225/VVVPYEPPEV	9	>TP53-V225/VVVPYEPPEA	516	507
>TP53-V225/VVVPYEPPEV	353	>TP53-V225/VVVPYEPPEA	6823	6470
>TP53-V225[VGS DCTTIHY	353	>TP53-V225[VGS DCTTIHY	955	602
>TP53-V225[VGS DCTTIHY	184	>TP53-V225[VGS DCTTIHY	274	90
>TP53-V225[VGS DCTTIHY	377	>TP53-V225[VGS DCTTIHY	8051	7674
>TP53-V225[VGS DCTTIHY	449	>TP53-V225[VGS DCTTIHY	2241	1792
>TP53-V225[VGS DCTTIH'	11	>TP53-V225[VGS DCTTIH'	4843	4832
>TP53-V225[VGS DCTTIH'	75	>TP53-V225[VGS DCTTIH'	1348	1273
>TP53-V225[VGS DCTTIH'	387	>TP53-V225[VGS DCTTIH'	6121	5734
>TP53-V225[VGS DCTTIH'	326	>TP53-V225[VGS DCTTIH'	9614	9288
>TP53-V225[VGS DCTTI	24655	>TP53-V225[VGS DCTTI	406	24249
>TP53-V225[SVVVPYEPPE	75	>TP53-V225[SVVVPYEPPE	24737	24662
>TP53-V225[SVVVPYEPPE	92	>TP53-V225[SVVVPYEPPE	28252	28160
>TP53-V225[SVVVPYEPPE	129	>TP53-V225[SVVVPYEPPE	23823	23694
>TP53-V225[SVVVPYEPPE	57	>TP53-V225[SVVVPYEPPE	34044	33987
>TP53-V225[SVVVPYEPPE	81	>TP53-V225[SVVVPYEPPE	13274	13193
>TP53-V225[SVVVPYEPPE	26	>TP53-V225[SVVVPYEPPE	17439	17413
>TP53-V225[PEVGS DCTTI	342	>TP53-V225[PEVGS DCTTI	274	68
>TP53-V225[VPYEPPEV	184	>TP53-V225[VPYEPPEV	37411	37227
>TP53-V225[VPYEPPEV	139	>TP53-V225[VPYEPPEV	25739	25600
>TP53-V225[VPYEPPEV	266	>TP53-V225[VPYEPPEV	18318	18052
>TP53-V225[VPYEPPEV	48	>TP53-V225[VPYEPPEV	6292	6244
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>TP53-V225[VVPYEPPEV	214	>TP53-V225[VVPYEPPEV	29914	29700
>TP53-V225[VVPYEPPEV	329	>TP53-V225[VVPYEPPEV	25353	25024
>TP53-V225[VVPYEPPEV	56	>TP53-V225[VVPYEPPEV	35596	35540
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>TP53-V225[VVPYEPPEV	28	>TP53-V225[VVPYEPPEV	24200	24172
>TP53-V225[VVPYEPPEV	72	>TP53-V225[VVPYEPPEV	23402	23330
>TP53-V225[VVPYEPPEV	9	>TP53-V225[VVPYEPPEV	28191	28182
>TP53-V225[VVPYEPPEV	353	>TP53-V225[VVPYEPPEV	21580	21227
>TP53-V225FVGSDCCTTIHY	353	>TP53-V225FVGSDCCTTIHY	210	143
>TP53-V225FVGSDCCTTI	4423	>TP53-V225FVGSDCCTTI	132	4291
>TP53-V225FVGSDCCTTI	5950	>TP53-V225FVGSDCCTTI	283	5667
>TP53-V225FVGSDCCTTIHY	184	>TP53-V225FVGSDCCTTIHY	107	77
>TP53-V225FVGSDCCTTIHY	377	>TP53-V225FVGSDCCTTIHY	157	220
>TP53-V225FVGSDCCTTIHY	449	>TP53-V225FVGSDCCTTIHY	257	192
>TP53-V225FVGSDCCTTI	605	>TP53-V225FVGSDCCTTI	191	414
>TP53-V225FEVGSDCCTTIH'	11	>TP53-V225FEVGSDCCTTIH'	616	605
>TP53-V225FEVGSDCCTTIH'	75	>TP53-V225FEVGSDCCTTIH'	681	606
>TP53-V225FEVGSDCCTTIH'	387	>TP53-V225FEVGSDCCTTIH'	119	268
>TP53-V225FEVGSDCCTTIH'	326	>TP53-V225FEVGSDCCTTIH'	1133	807
>TP53-V225FSVVVPYEPPE	75	>TP53-V225FSVVVPYEPPE	5400	5325
>TP53-V225FSVVVPYEPPE	92	>TP53-V225FSVVVPYEPPE	18858	18766
>TP53-V225FSVVVPYEPPE	129	>TP53-V225FSVVVPYEPPE	20719	20590
>TP53-V225FSVVVPYEPPE	57	>TP53-V225FSVVVPYEPPE	26329	26272
>TP53-V225FSVVVPYEPPE	2224	>TP53-V225FSVVVPYEPPE	28	2196
>TP53-V225FSVVVPYEPPE	81	>TP53-V225FSVVVPYEPPE	10627	10546
>TP53-V225FSVVVPYEPPE	26	>TP53-V225FSVVVPYEPPE	9947	9921
>TP53-V225FSVVVPYEPPE	8841	>TP53-V225FSVVVPYEPPE	325	8516
>TP53-V225FSVVVPYEPPE	15954	>TP53-V225FSVVVPYEPPE	240	15714
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>TP53-V225FPEVGSDCCTTI	342	>TP53-V225FPEVGSDCCTTI	96	246
>TP53-V225FVPYEPPEV	184	>TP53-V225FVPYEPPEF	35	149
>TP53-V225FVPYEPPEV	139	>TP53-V225FVPYEPPEF	16675	16536
>TP53-V225FVPYEPPEV	266	>TP53-V225FVPYEPPEF	11609	11343
>TP53-V225FVPYEPPEV	4735	>TP53-V225FVPYEPPEF	119	4616
>TP53-V225FVPYEPPEV	1888	>TP53-V225FVPYEPPEF	22	1866
>TP53-V225FVPYEPPEV	48	>TP53-V225FVPYEPPEF	195	147
>TP53-V225FVPYEPPEV	1825	>TP53-V225FVPYEPPEF	83	1742
>TP53-V225FVPYEPPEV	205	>TP53-V225FVPYEPPEF	11010	10805
>TP53-V225FVPYEPPEV	9510	>TP53-V225FVPYEPPEF	253	9257
>TP53-V225FVVPYEPPEV	214	>TP53-V225FVVPYEPPEF	22052	21838
>TP53-V225FVVPYEPPEV	329	>TP53-V225FVVPYEPPEF	21921	21592
>TP53-V225FVVPYEPPEV	56	>TP53-V225FVVPYEPPEF	30372	30316

>TP53-V225F VVVPYEPPEV	390	>TP53-V225F VVVPYEPPEF	23284	22894
>TP53-V225F VVVPYEPPEV	136	>TP53-V225F VVVPYEPPEF	13355	13219
>TP53-V225F VVVPYEPPEV	28	>TP53-V225F VVVPYEPPEF	12522	12494
>TP53-V225F VVVPYEPPEV	72	>TP53-V225F VVVPYEPPEF	19679	19607
>TP53-V225F VVVPYEPPEV	9	>TP53-V225F VVVPYEPPEF	17239	17230
>TP53-V225F VVVPYEPPEV	7635	>TP53-V225F VVVPYEPPEF	99	7536
>TP53-V225F VVVPYEPPEV	353	>TP53-V225F VVVPYEPPEF	17731	17378
>TP53-V225F VVVPYEPPEV	6559	>TP53-V225F VVVPYEPPEF	237	6322
>TP53-V225F VVVPYEPPEV	4113	>TP53-V225F VVVPYEPPEF	16	4097
>TP53-V225F VVVPYEPPEV	16861	>TP53-V225F VVVPYEPPEF	341	16520
>TP53-V225I VGSDCTTIHY	353	>TP53-V225I IGSDCTTIHY	662	309
>TP53-V225I VGSDCTTIHY	184	>TP53-V225I IGSDCTTIHY	128	56
>TP53-V225I VGSDCTTIHY	377	>TP53-V225I IGSDCTTIHY	282	95
>TP53-V225I VGSDCTTIHY	449	>TP53-V225I IGSDCTTIHY	1007	558
>TP53-V225I VGSDCTTI	605	>TP53-V225I IGSDCTTI	360	245
>TP53-V225I EVGSDCTTIH'	11	>TP53-V225I EIGSDCTTIHY	30	19
>TP53-V225I EVGSDCTTIH'	75	>TP53-V225I EIGSDCTTIHY	214	139
>TP53-V225I EVGSDCTTIH'	387	>TP53-V225I EIGSDCTTIHY	642	255
>TP53-V225I EVGSDCTTIH'	326	>TP53-V225I EIGSDCTTIHY	644	318
>TP53-V225I SVVVPYEPPE	75	>TP53-V225I SVVVPYEPPE	736	661
>TP53-V225I SVVVPYEPPE	92	>TP53-V225I SVVVPYEPPE	1489	1397
>TP53-V225I SVVVPYEPPE	129	>TP53-V225I SVVVPYEPPE	3304	3175
>TP53-V225I SVVVPYEPPE	57	>TP53-V225I SVVVPYEPPE	4474	4417
>TP53-V225I SVVVPYEPPE	81	>TP53-V225I SVVVPYEPPE	255	174
>TP53-V225I SVVVPYEPPE	26	>TP53-V225I SVVVPYEPPE	134	108
>TP53-V225I SVVVPYEPPE	15663	>TP53-V225I SVVVPYEPPE	472	15191
>TP53-V225I PEVGSDCTTI	342	>TP53-V225I PEIGSDCTTI	66	276
>TP53-V225I VPYEPPEV	184	>TP53-V225I VPYEPPEI	98	86
>TP53-V225I VPYEPPEV	139	>TP53-V225I VPYEPPEI	1720	1581
>TP53-V225I VPYEPPEV	266	>TP53-V225I VPYEPPEI	934	668
>TP53-V225I VPYEPPEV	48	>TP53-V225I VPYEPPEI	33	15
>TP53-V225I VPYEPPEV	1825	>TP53-V225I VPYEPPEI	151	1674
>TP53-V225I VPYEPPEV	205	>TP53-V225I VPYEPPEI	1094	889
>TP53-V225I VVPYEPPEV	214	>TP53-V225I VVPYEPPEI	3265	3051
>TP53-V225I VVPYEPPEV	329	>TP53-V225I VVPYEPPEI	5310	4981
>TP53-V225I VVPYEPPEV	56	>TP53-V225I VVPYEPPEI	7255	7199
>TP53-V225I VVVPYEPPEV	390	>TP53-V225I VVVPYEPPEI	1588	1198
>TP53-V225I VVVPYEPPEV	136	>TP53-V225I VVVPYEPPEI	475	339
>TP53-V225I VVVPYEPPEV	28	>TP53-V225I VVVPYEPPEI	409	381
>TP53-V225I VVVPYEPPEV	72	>TP53-V225I VVVPYEPPEI	2545	2473
>TP53-V225I VVVPYEPPEV	9	>TP53-V225I VVVPYEPPEI	482	473
>TP53-V225I VVVPYEPPEV	353	>TP53-V225I VVVPYEPPEI	2321	1968
>TP53-V272A EVRVCACPGF	329	>TP53-V272A EARVCACPGF	1155	826

>TP53-V272/EVRVCACPGF	70	>TP53-V272/EARVCACPGF	161	91
>TP53-V272/FEVRVCACP	1437	>TP53-V272/FEARVCACP	386	1051
>TP53-V272/FEVRVCACPC	370	>TP53-V272/FEARVCACPC	177	193
>TP53-V272/NSFEVRVCA	21	>TP53-V272/NSFEARVCA	52	31
>TP53-V272/GRNSFEVR	405	>TP53-V272/GRNSFEAR	400	5
>TP53-V272/LGRNSFEV	820	>TP53-V272/LGRNSFEA	449	371
>TP53-V272/LGRNSFEVR	286	>TP53-V272/LGRNSFEAR	174	112
>TP53-V272/LLGRNSFEV	26	>TP53-V272/LLGRNSFEA	220	194
>TP53-V272/LLGRNSFEVR	137	>TP53-V272/LLGRNSFEAR	122	15
>TP53-V272/LLGRNSFEV	16	>TP53-V272/LLGRNSFEA	112	96
>TP53-V272/LLGRNSFEVR	62	>TP53-V272/LLGRNSFEAR	51	11
>TP53-V272/LLGRNSFEV	47	>TP53-V272/LLGRNSFEA	520	473
>TP53-V272/LLGRNSFEVR	214	>TP53-V272/LLGRNSFEAR	83	131
>TP53-V272/LLGRNSFEV	39	>TP53-V272/LLGRNSFEA	638	599
>TP53-V272/LLGRNSFEV	2	>TP53-V272/LLGRNSFEA	12	10
>TP53-V272/LLGRNSFEVR	3	>TP53-V272/LLGRNSFEAR	3	0
>TP53-V272/LLGRNSFEV	2	>TP53-V272/LLGRNSFEA	9	7
>TP53-V272/LLGRNSFEVR	7	>TP53-V272/LLGRNSFEAR	6	1
>TP53-V272/LLGRNSFEV	5	>TP53-V272/LLGRNSFEA	37	32
>TP53-V272/LLGRNSFEVR	9	>TP53-V272/LLGRNSFEAR	11	2
>TP53-V272/LLGRNSFEV	2	>TP53-V272/LLGRNSFEA	28	26
>TP53-V272/LLGRNSFEVR	6	>TP53-V272/LLGRNSFEAR	4	2
>TP53-V272/LLGRNSFEV	2	>TP53-V272/LLGRNSFEA	4	2
>TP53-V272/LLGRNSFEVR	2	>TP53-V272/LLGRNSFEAR	2	0
>TP53-V272/LLGRNSFEVR	429	>TP53-V272/LLGRNSFEAR	168	261
>TP53-V272/LLGRNSFEVR	1284	>TP53-V272/LLGRNSFEAR	349	935
>TP53-V272/LLGRNSFEV	425	>TP53-V272/LLGRNSFEA	5739	5314
>TP53-V272/NLLGRNSFEV	29	>TP53-V272/NLLGRNSFEA	230	201
>TP53-V272/NLLGRNSFEV	89	>TP53-V272/NLLGRNSFEA	355	266
>TP53-V272/NLLGRNSFEV	94	>TP53-V272/NLLGRNSFEA	473	379
>TP53-V272/NLLGRNSFEV	137	>TP53-V272/NLLGRNSFEA	538	401
>TP53-V272/NLLGRNSFEV	3	>TP53-V272/NLLGRNSFEA	33	30
>TP53-V272/NLLGRNSFEV	5	>TP53-V272/NLLGRNSFEA	49	44
>TP53-V272/NLLGRNSFEV	7	>TP53-V272/NLLGRNSFEA	62	55
>TP53-V272/NLLGRNSFEV	3	>TP53-V272/NLLGRNSFEA	47	44
>TP53-V272/NLLGRNSFEV	3	>TP53-V272/NLLGRNSFEA	17	14
>TP53-V272/NLLGRNSFEV	502	>TP53-V272/NLLGRNSFEA	253	249
>TP53-V272/NLLGRNSFEV	109	>TP53-V272/NLLGRNSFEA	47	62
>TP53-V272/NLLGRNSFEV	309	>TP53-V272/NLLGRNSFEA	294	15
>TP53-V272/NLLGRNSFEV	52	>TP53-V272/NLLGRNSFEA	857	805
>TP53-V272/NLLGRNSFEV	195	>TP53-V272/NLLGRNSFEA	209	14
>TP53-V272E EVRVCACPGF	329	>TP53-V272E EERVVCACPGF	8058	7729
>TP53-V272E EVRVCACPGF	70	>TP53-V272E EERVVCACPGF	16571	16501

>TP53-V272E FEVRVCACPC	370	>TP53-V272E FEERVACCPG	1437	1067
>TP53-V272E NSFVCA	21	>TP53-V272E NSFVCA	492	471
>TP53-V272E GRNSFEVR	405	>TP53-V272E GRNSFEER	568	163
>TP53-V272E LGRNSFEVR	286	>TP53-V272E LGRNSFEER	217	69
>TP53-V272E LLGRNSFEV	26	>TP53-V272E LLGRNSFEE	20346	20320
>TP53-V272E LLGRNSFEVR'	137	>TP53-V272E LLGRNSFEER'	258	121
>TP53-V272E LLGRNSFEV	16	>TP53-V272E LLGRNSFEE	9904	9888
>TP53-V272E LLGRNSFEVR'	62	>TP53-V272E LLGRNSFEER'	53	9
>TP53-V272E LLGRNSFEV	47	>TP53-V272E LLGRNSFEE	23305	23258
>TP53-V272E LLGRNSFEVR'	214	>TP53-V272E LLGRNSFEER'	267	53
>TP53-V272E LLGRNSFEV	39	>TP53-V272E LLGRNSFEE	22106	22067
>TP53-V272E LLGRNSFEV	2	>TP53-V272E LLGRNSFEE	5938	5936
>TP53-V272E LLGRNSFEVR'	3	>TP53-V272E LLGRNSFEER'	3	0
>TP53-V272E LLGRNSFEV	2	>TP53-V272E LLGRNSFEE	4711	4709
>TP53-V272E LLGRNSFEVR'	7	>TP53-V272E LLGRNSFEER'	12	5
>TP53-V272E LLGRNSFEV	5	>TP53-V272E LLGRNSFEE	14428	14423
>TP53-V272E LLGRNSFEVR'	9	>TP53-V272E LLGRNSFEER'	13	4
>TP53-V272E LLGRNSFEV	2	>TP53-V272E LLGRNSFEE	19645	19643
>TP53-V272E LLGRNSFEVR'	6	>TP53-V272E LLGRNSFEER'	6	0
>TP53-V272E LLGRNSFEV	2	>TP53-V272E LLGRNSFEE	1655	1653
>TP53-V272E LLGRNSFEVR'	2	>TP53-V272E LLGRNSFEER'	2	0
>TP53-V272E LLGRNSFEVR	429	>TP53-V272E LLGRNSFEER	215	214
>TP53-V272E LLGRNSFEV	425	>TP53-V272E LLGRNSFEE	22564	22139
>TP53-V272E NLLGRNSFEV	29	>TP53-V272E NLLGRNSFEE	9821	9792
>TP53-V272E NLLGRNSFEV	89	>TP53-V272E NLLGRNSFEE	11855	11766
>TP53-V272E NLLGRNSFEV	94	>TP53-V272E NLLGRNSFEE	16937	16843
>TP53-V272E NLLGRNSFEV	137	>TP53-V272E NLLGRNSFEE	17435	17298
>TP53-V272E NLLGRNSFEV	3	>TP53-V272E NLLGRNSFEE	7005	7002
>TP53-V272E NLLGRNSFEV	5	>TP53-V272E NLLGRNSFEE	7457	7452
>TP53-V272E NLLGRNSFEV	7	>TP53-V272E NLLGRNSFEE	14220	14213
>TP53-V272E NLLGRNSFEV	3	>TP53-V272E NLLGRNSFEE	15394	15391
>TP53-V272E NLLGRNSFEV	3	>TP53-V272E NLLGRNSFEE	8055	8052
>TP53-V272E NLLGRNSFEV	502	>TP53-V272E NLLGRNSFEE	382	120
>TP53-V272E NLLGRNSFEV	109	>TP53-V272E NLLGRNSFEE	67	42
>TP53-V272E NLLGRNSFEV	309	>TP53-V272E NLLGRNSFEE	184	125
>TP53-V272E NLLGRNSFEV	52	>TP53-V272E NLLGRNSFEE	14907	14855
>TP53-V272E NLLGRNSFEV	195	>TP53-V272E NLLGRNSFEE	326	131
>TP53-V272C(EVRVCACPGF	329	>TP53-V272C(EGRVCACPGF	7008	6679
>TP53-V272C(EVRVCACPGF	70	>TP53-V272C(EGRVCACPGF	17878	17808
>TP53-V272C(FEVRVCACPC	370	>TP53-V272C(FEGRVCACPC	1999	1629
>TP53-V272C(NSFEVRVCA	21	>TP53-V272C(NSFEGRVCA	126	105
>TP53-V272C(GRNSFEVR	405	>TP53-V272C(GRNSFEGR	307	98
>TP53-V272C(LGRNSFEVR	286	>TP53-V272C(LGRNSFEGR	692	406

>TP53-V272C LLGRNSFEV	26	>TP53-V272C LLGRNSFEG	16984	16958
>TP53-V272C LLGRNSFEVR	137	>TP53-V272C LLGRNSFEGR	630	493
>TP53-V272C LLGRNSFEV	16	>TP53-V272C LLGRNSFEG	3532	3516
>TP53-V272C LLGRNSFEVR	62	>TP53-V272C LLGRNSFEGR	181	119
>TP53-V272C LLGRNSFEV	47	>TP53-V272C LLGRNSFEG	18210	18163
>TP53-V272C LLGRNSFEVR	214	>TP53-V272C LLGRNSFEGR	156	58
>TP53-V272C LLGRNSFEV	39	>TP53-V272C LLGRNSFEG	17061	17022
>TP53-V272C LLGRNSFEV	2	>TP53-V272C LLGRNSFEG	1250	1248
>TP53-V272C LLGRNSFEVR	3	>TP53-V272C LLGRNSFEGR	5	2
>TP53-V272C LLGRNSFEV	2	>TP53-V272C LLGRNSFEG	1500	1498
>TP53-V272C LLGRNSFEVR	7	>TP53-V272C LLGRNSFEGR	26	19
>TP53-V272C LLGRNSFEV	5	>TP53-V272C LLGRNSFEG	8005	8000
>TP53-V272C LLGRNSFEVR	9	>TP53-V272C LLGRNSFEGR	27	18
>TP53-V272C LLGRNSFEV	2	>TP53-V272C LLGRNSFEG	14606	14604
>TP53-V272C LLGRNSFEVR	6	>TP53-V272C LLGRNSFEGR	39	33
>TP53-V272C LLGRNSFEV	2	>TP53-V272C LLGRNSFEG	1114	1112
>TP53-V272C LLGRNSFEVR	2	>TP53-V272C LLGRNSFEGR	2	0
>TP53-V272C LLGRNSFEVR	429	>TP53-V272C LLGRNSFEGR	199	230
>TP53-V272C LLGRNSFEV	425	>TP53-V272C LLGRNSFEG	21671	21246
>TP53-V272C NLLGRNSFEV	29	>TP53-V272C NLLGRNSFEG	6491	6462
>TP53-V272C NLLGRNSFEV	89	>TP53-V272C NLLGRNSFEG	8078	7989
>TP53-V272C NLLGRNSFEV	94	>TP53-V272C NLLGRNSFEG	13965	13871
>TP53-V272C NLLGRNSFEV	137	>TP53-V272C NLLGRNSFEG	13782	13645
>TP53-V272C NLLGRNSFEV	3	>TP53-V272C NLLGRNSFEG	2158	2155
>TP53-V272C NLLGRNSFEV	5	>TP53-V272C NLLGRNSFEG	3142	3137
>TP53-V272C NLLGRNSFEV	7	>TP53-V272C NLLGRNSFEG	9039	9032
>TP53-V272C NLLGRNSFEV	3	>TP53-V272C NLLGRNSFEG	10559	10556
>TP53-V272C NLLGRNSFEV	3	>TP53-V272C NLLGRNSFEG	7099	7096
>TP53-V272C NLLGRNSFEV	109	>TP53-V272C NLLGRNSFEG	105	4
>TP53-V272C NLLGRNSFEV	309	>TP53-V272C NLLGRNSFEG	251	58
>TP53-V272C NLLGRNSFEV	52	>TP53-V272C NLLGRNSFEG	13340	13288
>TP53-V272C NLLGRNSFEV	195	>TP53-V272C NLLGRNSFEG	183	12
>TP53-V272L EVRVCACPGF	329	>TP53-V272L ELRVCACPGR	483	154
>TP53-V272L EVRVCACPGF	70	>TP53-V272L ELRVCACPGR	750	680
>TP53-V272L EVRVCACPGF	744	>TP53-V272L ELRVCACPGR	479	265
>TP53-V272L FEVRVCACP	1437	>TP53-V272L FELRVCACP	420	1017
>TP53-V272L FEVRVCACPC	370	>TP53-V272L FELRVCACPG	1715	1345
>TP53-V272L NSFELRVCA	21	>TP53-V272L NSFELRVCA	51	30
>TP53-V272L GRNSFEVR	405	>TP53-V272L GRNSFELR	226	179
>TP53-V272L LGRNSFEVR	286	>TP53-V272L LGRNSFELR	113	173
>TP53-V272L LLGRNSFEV	26	>TP53-V272L LLGRNSFEL	68	42
>TP53-V272L LLGRNSFEVR	137	>TP53-V272L LLGRNSFELR	134	3
>TP53-V272L LLGRNSFEV	16	>TP53-V272L LLGRNSFEL	28	12

>TP53-V272L LLGRNSFEVR	62	>TP53-V272L LLGRNSFELR\	127	65
>TP53-V272L LLGRNSFEV	47	>TP53-V272L LLGRNSFEL	687	640
>TP53-V272L LLGRNSFEVR	214	>TP53-V272L LLGRNSFELR\	190	24
>TP53-V272L LLGRNSFEV	39	>TP53-V272L LLGRNSFEL	342	303
>TP53-V272L LLGRNSFEV	2	>TP53-V272L LLGRNSFEL	6	4
>TP53-V272L LLGRNSFEVR	3	>TP53-V272L LLGRNSFELR\	3	0
>TP53-V272L LLGRNSFEV	2	>TP53-V272L LLGRNSFEL	4	2
>TP53-V272L LLGRNSFEVR	7	>TP53-V272L LLGRNSFELR\	12	5
>TP53-V272L LLGRNSFEV	5	>TP53-V272L LLGRNSFEL	14	9
>TP53-V272L LLGRNSFEVR	9	>TP53-V272L LLGRNSFELR\	10	1
>TP53-V272L LLGRNSFEV	2	>TP53-V272L LLGRNSFEL	5	3
>TP53-V272L LLGRNSFEVR	6	>TP53-V272L LLGRNSFELR\	10	4
>TP53-V272L LLGRNSFEV	2	>TP53-V272L LLGRNSFEL	2	0
>TP53-V272L LLGRNSFEVR	2	>TP53-V272L LLGRNSFELR\	2	0
>TP53-V272L LLGRNSFEVR	429	>TP53-V272L LLGRNSFELR	153	276
>TP53-V272L LLGRNSFEVR	1284	>TP53-V272L LLGRNSFELR	226	1058
>TP53-V272L LLGRNSFEV	425	>TP53-V272L LLGRNSFEL	3076	2651
>TP53-V272L NLLGRNSFEV	29	>TP53-V272L NLLGRNSFEL	84	55
>TP53-V272L NLLGRNSFEV	89	>TP53-V272L NLLGRNSFEL	78	11
>TP53-V272L NLLGRNSFEV	94	>TP53-V272L NLLGRNSFEL	394	300
>TP53-V272L NLLGRNSFEV	137	>TP53-V272L NLLGRNSFEL	493	356
>TP53-V272L NLLGRNSFEV	3	>TP53-V272L NLLGRNSFEL	13	10
>TP53-V272L NLLGRNSFEV	5	>TP53-V272L NLLGRNSFEL	15	10
>TP53-V272L NLLGRNSFEV	7	>TP53-V272L NLLGRNSFEL	25	18
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>TP53-V272L NLLGRNSFEV	3	>TP53-V272L NLLGRNSFEL	6	3
>TP53-V272L NLLGRNSFEV	502	>TP53-V272L NLLGRNSFEL\	229	273
>TP53-V272L NLLGRNSFEV	109	>TP53-V272L NLLGRNSFEL\	40	69
>TP53-V272L NLLGRNSFEV	309	>TP53-V272L NLLGRNSFEL\	107	202
>TP53-V272L NLLGRNSFEV	52	>TP53-V272L NLLGRNSFEL	369	317
>TP53-V272L NLLGRNSFEV	195	>TP53-V272L NLLGRNSFEL\	140	55
>TP53-V272L EVRVCACPGF	673	>TP53-V272L EMRVCACPG	356	317
>TP53-V272L EVRVCACPGF	329	>TP53-V272L EMRVCACPG	225	104
>TP53-V272L EVRVCACPGF	70	>TP53-V272L EMRVCACPG	296	226
>TP53-V272L EVRVCACPGF	2254	>TP53-V272L EMRVCACPG	386	1868
>TP53-V272L EVRVCACPGF	744	>TP53-V272L EMRVCACPG	225	519
>TP53-V272L FEVRVCACP	1437	>TP53-V272L FEMRVCACP	489	948
>TP53-V272L FEVRVCACPG	370	>TP53-V272L FEMRVCACP\	331	39
>TP53-V272L FEVRVCAC	1213	>TP53-V272L FEMRVCAC	448	765
>TP53-V272L FEVRVCACPG	1619	>TP53-V272L FEMRVCACP\	232	1387
>TP53-V272L NSFVCA	21	>TP53-V272L NSFEMRCA	78	57
>TP53-V272L GRNSFEVR	405	>TP53-V272L GRNSFEMR	325	80
>TP53-V272L LGRNSFEVR	286	>TP53-V272L LGRNSFEMR	324	38



>TP53-V272M LLGRNSFEV	26	>TP53-V272M LLGRNSFEM	395	369
>TP53-V272M LLGRNSFEVR	137	>TP53-V272M LLGRNSFEMF	142	5
>TP53-V272M LLGRNSFEV	16	>TP53-V272M LLGRNSFEM	246	230
>TP53-V272M LLGRNSFEVR	62	>TP53-V272M LLGRNSFEMF	79	17
>TP53-V272M LLGRNSFEV	47	>TP53-V272M LLGRNSFEM	4611	4564
>TP53-V272M LLGRNSFEVR	214	>TP53-V272M LLGRNSFEMF	96	118
>TP53-V272M LLGRNSFEV	39	>TP53-V272M LLGRNSFEM	1893	1854
>TP53-V272M LLGRNSFEV	2	>TP53-V272M LLGRNSFEM	26	24
>TP53-V272M LLGRNSFEVR	3	>TP53-V272M LLGRNSFEMF	3	0
>TP53-V272M LLGRNSFEV	2	>TP53-V272M LLGRNSFEM	14	12
>TP53-V272M LLGRNSFEVR	7	>TP53-V272M LLGRNSFEMF	8	1
>TP53-V272M LLGRNSFEV	5	>TP53-V272M LLGRNSFEM	156	151
>TP53-V272M LLGRNSFEVR	9	>TP53-V272M LLGRNSFEMF	10	1
>TP53-V272M LLGRNSFEV	2	>TP53-V272M LLGRNSFEM	26	24
>TP53-V272M LLGRNSFEVR	6	>TP53-V272M LLGRNSFEMF	6	0
>TP53-V272M LLGRNSFEV	2	>TP53-V272M LLGRNSFEM	8	6
>TP53-V272M LLGRNSFEVR	2	>TP53-V272M LLGRNSFEMF	2	0
>TP53-V272M LLGRNSFEVR	429	>TP53-V272M LLGRNSFEMF	183	246
>TP53-V272M LLGRNSFEVR	1284	>TP53-V272M LLGRNSFEMF	326	958
>TP53-V272M LLGRNSFEV	425	>TP53-V272M LLGRNSFEM	4005	3580
>TP53-V272M LLGRNSFEV	4543	>TP53-V272M LLGRNSFEM	278	4265
>TP53-V272M NLLGRNSFEV	29	>TP53-V272M NLLGRNSFEN	361	332
>TP53-V272M NLLGRNSFEV	89	>TP53-V272M NLLGRNSFEN	318	229
>TP53-V272M NLLGRNSFEV	94	>TP53-V272M NLLGRNSFEN	1562	1468
>TP53-V272M NLLGRNSFEV	137	>TP53-V272M NLLGRNSFEN	1595	1458
>TP53-V272M NLLGRNSFEV	3	>TP53-V272M NLLGRNSFEN	67	64
>TP53-V272M NLLGRNSFEV	5	>TP53-V272M NLLGRNSFEN	86	81
>TP53-V272M NLLGRNSFEV	7	>TP53-V272M NLLGRNSFEN	281	274
>TP53-V272M NLLGRNSFEV	3	>TP53-V272M NLLGRNSFEN	46	43
>TP53-V272M NLLGRNSFEV	3	>TP53-V272M NLLGRNSFEN	76	73
>TP53-V272M NLLGRNSFEV	502	>TP53-V272M NLLGRNSFEN	423	79
>TP53-V272M NLLGRNSFEV	109	>TP53-V272M NLLGRNSFEN	62	47
>TP53-V272M NLLGRNSFEV	309	>TP53-V272M NLLGRNSFEN	163	146
>TP53-V272M NLLGRNSFEV	52	>TP53-V272M NLLGRNSFEN	402	350
>TP53-V272M NLLGRNSFEV	2436	>TP53-V272M NLLGRNSFEN	389	2047
>TP53-V272M NLLGRNSFEV	195	>TP53-V272M NLLGRNSFEN	308	113
>TP53-V274# RVCACPGR	367	>TP53-V274# RACACPGR	2721	2354
>TP53-V274# RVCACPGRDI	435	>TP53-V274# RACACPGRDI	3745	3310
>TP53-V274# RVCACPGR	40	>TP53-V274# RACACPGR	50	10
>TP53-V274# RVCACPGRDI	37	>TP53-V274# RACACPGRDI	73	36
>TP53-V274# RVCACPGRDI	33	>TP53-V274# RACACPGRDI	41	8
>TP53-V274# RVCACPGR	481	>TP53-V274# RACACPGR	958	477
>TP53-V274# RVCACPGRDI	297	>TP53-V274# RACACPGRDI	1841	1544

>TP53-V274# RVCACPGR	66	>TP53-V274# RACACPGR	107	41
>TP53-V274# RVCACPGRDI	255	>TP53-V274# RACACPGRDI	535	280
>TP53-V274# RVCACPGRDI	109	>TP53-V274# RACACPGRDI	233	124
>TP53-V274# LLGRNSFEVR	137	>TP53-V274# LLGRNSFEVR	1482	1345
>TP53-V274# LLGRNSFEVR	62	>TP53-V274# LLGRNSFEVR	511	449
>TP53-V274# LLGRNSFEVR	214	>TP53-V274# LLGRNSFEVR	1856	1642
>TP53-V274# LLGRNSFEVR	3	>TP53-V274# LLGRNSFEVR	44	41
>TP53-V274# LLGRNSFEVR	7	>TP53-V274# LLGRNSFEVR	149	142
>TP53-V274# LLGRNSFEVR	9	>TP53-V274# LLGRNSFEVR	259	250
>TP53-V274# LLGRNSFEVR	6	>TP53-V274# LLGRNSFEVR	557	551
>TP53-V274# LLGRNSFEVR	2	>TP53-V274# LLGRNSFEVR	6	4
>TP53-V274# EVRVCACPGF	673	>TP53-V274# EVRACACPGF	487	186
>TP53-V274# EVRVCACPGF	329	>TP53-V274# EVRACACPGF	312	17
>TP53-V274# EVRVCACPGF	70	>TP53-V274# EVRACACPGF	43	27
>TP53-V274# EVRVCACPGF	744	>TP53-V274# EVRACACPGF	297	447
>TP53-V274# FEVRVCAC	822	>TP53-V274# FEVRACAC	439	383
>TP53-V274# FEVRVCACPC	370	>TP53-V274# FEVRACACPC	835	465
>TP53-V274# NSFVVRVCA	21	>TP53-V274# NSFVVRACA	21	0
>TP53-V274[ RVCACPGR	367	>TP53-V274[ RDCACPGR	24270	23903
>TP53-V274[ RVCACPGRDI	435	>TP53-V274[ RDCACPGRDI	24899	24464
>TP53-V274[ RVCACPGR	40	>TP53-V274[ RDCACPGR	4215	4175
>TP53-V274[ RVCACPGRDI	37	>TP53-V274[ RDCACPGRDI	1032	995
>TP53-V274[ RVCACPGRDI	33	>TP53-V274[ RDCACPGRDI	3545	3512
>TP53-V274[ RVCACPGR	481	>TP53-V274[ RDCACPGR	17643	17162
>TP53-V274[ RVCACPGRDI	297	>TP53-V274[ RDCACPGRDI	8189	7892
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>TP53-V274[ RVCACPGRDI	255	>TP53-V274[ RDCACPGRDI	1329	1074
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>TP53-V274[ LLGRNSFEVR	137	>TP53-V274[ LLGRNSFEVR	23667	23530
>TP53-V274[ LLGRNSFEVR	62	>TP53-V274[ LLGRNSFEVR	14786	14724
>TP53-V274[ LLGRNSFEVR	214	>TP53-V274[ LLGRNSFEVR	25428	25214
>TP53-V274[ LLGRNSFEVR	3	>TP53-V274[ LLGRNSFEVR	10070	10067
>TP53-V274[ LLGRNSFEVR	7	>TP53-V274[ LLGRNSFEVR	14628	14621
>TP53-V274[ LLGRNSFEVR	9	>TP53-V274[ LLGRNSFEVR	19546	19537
>TP53-V274[ LLGRNSFEVR	6	>TP53-V274[ LLGRNSFEVR	23938	23932
>TP53-V274[ LLGRNSFEVR	2	>TP53-V274[ LLGRNSFEVR	6947	6945
>TP53-V274[ EVRVCACPGF	673	>TP53-V274[ EVRDCACPGF	482	191
>TP53-V274[ EVRVCACPGF	329	>TP53-V274[ EVRDCACPGF	188	141
>TP53-V274[ EVRVCACPGF	70	>TP53-V274[ EVRDCACPGF	64	6
>TP53-V274[ EVRVCACPGF	744	>TP53-V274[ EVRDCACPGF	294	450
>TP53-V274[ FEVRVCACPC	370	>TP53-V274[ FEVRDCACPC	1398	1028
>TP53-V274[ NSFVVRVCA	21	>TP53-V274[ NSFVVRDCA	36	15
>TP53-V274F RVCACPGR	367	>TP53-V274F RFCACPGR	11701	11334

>TP53-V274F RVCACPGRDI	435	>TP53-V274F RFCACPGRDF	14147	13712
>TP53-V274F RVCACPGR	40	>TP53-V274F RFCACPGR	25	15
>TP53-V274F RVCACPGRDI	37	>TP53-V274F RFCACPGRDF	20	17
>TP53-V274F RVCACPGRDI	33	>TP53-V274F RFCACPGRDF	20	13
>TP53-V274F RVCACPGR	481	>TP53-V274F RFCACPGR	5571	5090
>TP53-V274F RVCACPGRDI	297	>TP53-V274F RFCACPGRDF	83	214
>TP53-V274F RVCACPGR	66	>TP53-V274F RFCACPGR	22	44
>TP53-V274F RVCACPGRDI	255	>TP53-V274F RFCACPGRDF	49	206
>TP53-V274F RVCACPGRDI	109	>TP53-V274F RFCACPGRDF	29	80
>TP53-V274F LLGRNSFEVR	137	>TP53-V274F LLGRNSFEVR	15709	15572
>TP53-V274F LLGRNSFEVR	62	>TP53-V274F LLGRNSFEVR	4272	4210
>TP53-V274F LLGRNSFEVR	214	>TP53-V274F LLGRNSFEVR	19399	19185
>TP53-V274F LLGRNSFEVR	3	>TP53-V274F LLGRNSFEVR	1536	1533
>TP53-V274F LLGRNSFEVR	7	>TP53-V274F LLGRNSFEVR	5518	5511
>TP53-V274F LLGRNSFEVR	9	>TP53-V274F LLGRNSFEVR	13457	13448
>TP53-V274F LLGRNSFEVR	6	>TP53-V274F LLGRNSFEVR	13145	13139
>TP53-V274F LLGRNSFEVR	2	>TP53-V274F LLGRNSFEVR	805	803
>TP53-V274F LLGRNSFEVR	8506	>TP53-V274F LLGRNSFEVR	225	8281
>TP53-V274F LLGRNSFEVR	8116	>TP53-V274F LLGRNSFEVR	317	7799
>TP53-V274F VRVCACPGR	2911	>TP53-V274F VRFCACPGR	437	2474
>TP53-V274F EVRVCACPGF	673	>TP53-V274F EVRFCACPGF	150	523
>TP53-V274F EVRVCACPGF	329	>TP53-V274F EVRFCACPGF	145	184
>TP53-V274F EVRVCACPGF	70	>TP53-V274F EVRFCACPGF	22	48
>TP53-V274F EVRVCACPGF	744	>TP53-V274F EVRFCACPGF	432	312
>TP53-V274F FEVRVCACPC	370	>TP53-V274F FEVRFCACPG	331	39
>TP53-V274F FEVRVCAC	1213	>TP53-V274F FEVRFCAC	432	781
>TP53-V274F NSFVCA	21	>TP53-V274F NSFVCA	14	7
>TP53-V274F RNSFEVRV	8931	>TP53-V274F RNSFEVRF	380	8551
>TP53-V274F GRNSFEVRV	1849	>TP53-V274F GRNSFEVRF	102	1747
>TP53-V274F GRNSFEVRV	631	>TP53-V274F GRNSFEVRF	192	439
>TP53-V274F GRNSFEVRV	1117	>TP53-V274F GRNSFEVRF	360	757
>TP53-V274F LGRNSFEVRV	7686	>TP53-V274F LGRNSFEVRF	350	7336
>TP53-V274F LGRNSFEVRV	2611	>TP53-V274F LGRNSFEVRF	51	2560
>TP53-V274F LGRNSFEVRV	15669	>TP53-V274F LGRNSFEVRF	301	15368
>TP53-V274F LGRNSFEVRV	9083	>TP53-V274F LGRNSFEVRF	495	8588
>TP53-V274C RVCACPGR	367	>TP53-V274C RGCACPGR	13553	13186
>TP53-V274C RVCACPGRDI	435	>TP53-V274C RGCACPGRDI	15109	14674
>TP53-V274C RVCACPGR	40	>TP53-V274C RGCACPGR	342	302
>TP53-V274C RVCACPGRDI	37	>TP53-V274C RGCACPGRDI	443	406
>TP53-V274C RVCACPGRDI	33	>TP53-V274C RGCACPGRDI	253	220
>TP53-V274C RVCACPGR	481	>TP53-V274C RGCACPGR	11424	10943
>TP53-V274C RVCACPGRDI	297	>TP53-V274C RGCACPGRDI	6751	6454
>TP53-V274C RVCACPGR	66	>TP53-V274C RGCACPGR	63	3

>TP53-V274C RVCACPGRDI	255	>TP53-V274C RGCACPGRDI	299	44
>TP53-V274C RVCACPGRDI	109	>TP53-V274C RGCACPGRDI	144	35
>TP53-V274C LLGRNSFEVR	137	>TP53-V274C LLGRNSFEVR	21104	20967
>TP53-V274C LLGRNSFEVR	62	>TP53-V274C LLGRNSFEVR	7658	7596
>TP53-V274C LLGRNSFEVR	214	>TP53-V274C LLGRNSFEVR	21166	20952
>TP53-V274C LLGRNSFEVR	3	>TP53-V274C LLGRNSFEVR	3498	3495
>TP53-V274C LLGRNSFEVR	7	>TP53-V274C LLGRNSFEVR	7088	7081
>TP53-V274C LLGRNSFEVR	9	>TP53-V274C LLGRNSFEVR	13706	13697
>TP53-V274C LLGRNSFEVR	6	>TP53-V274C LLGRNSFEVR	19801	19795
>TP53-V274C LLGRNSFEVR	2	>TP53-V274C LLGRNSFEVR	2755	2753
>TP53-V274C EVRVCACPGF	673	>TP53-V274C EVRGCACPGI	307	366
>TP53-V274C EVRVCACPGF	329	>TP53-V274C EVRGCACPGI	261	68
>TP53-V274C EVRVCACPGF	70	>TP53-V274C EVRGCACPGI	54	16
>TP53-V274C EVRVCACPGF	744	>TP53-V274C EVRGCACPGI	366	378
>TP53-V274C FEVRVCAC	822	>TP53-V274C FEVRGCAC	375	447
>TP53-V274C FEVRVCACPC	370	>TP53-V274C FEVRGCACPC	1157	787
>TP53-V274C NSFVVRVCA	21	>TP53-V274C NSFVVRGCA	50	29
>TP53-V274I RVCACPGR	367	>TP53-V274I RICACPGR	861	494
>TP53-V274I RVCACPGRDI	435	>TP53-V274I RICACPGRDR	1124	689
>TP53-V274I RVCACPGR	40	>TP53-V274I RICACPGR	61	21
>TP53-V274I RVCACPGRDI	37	>TP53-V274I RICACPGRDR	31	6
>TP53-V274I RVCACPGRDI	33	>TP53-V274I RICACPGRDR	45	12
>TP53-V274I RVCACPGR	481	>TP53-V274I RICACPGR	1200	719
>TP53-V274I RVCACPGRDI	297	>TP53-V274I RICACPGRDR	223	74
>TP53-V274I RVCACPGR	66	>TP53-V274I RICACPGR	34	32
>TP53-V274I RVCACPGRDI	255	>TP53-V274I RICACPGRDR	108	147
>TP53-V274I RVCACPGRDI	109	>TP53-V274I RICACPGRDR	53	56
>TP53-V274I LLGRNSFEVR	137	>TP53-V274I LLGRNSFEVR	619	482
>TP53-V274I LLGRNSFEVR	62	>TP53-V274I LLGRNSFEVR	278	216
>TP53-V274I LLGRNSFEVR	214	>TP53-V274I LLGRNSFEVR	1318	1104
>TP53-V274I LLGRNSFEVR	3	>TP53-V274I LLGRNSFEVR	14	11
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>TP53-V274I LLGRNSFEVR	9	>TP53-V274I LLGRNSFEVR	116	107
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>TP53-V274I EVRVCACPGF	673	>TP53-V274I EVRICACPGR	352	321
>TP53-V274I EVRVCACPGF	329	>TP53-V274I EVRICACPGR	163	166
>TP53-V274I EVRVCACPGF	70	>TP53-V274I EVRICACPGR	44	26
>TP53-V274I EVRVCACPGF	744	>TP53-V274I EVRICACPGR	425	319
>TP53-V274I FEVRVCACPC	370	>TP53-V274I FEVRICACPGI	330	40
>TP53-V274I NSFVVRVCA	21	>TP53-V274I NSFVVRICA	40	19
>TP53-V274I GRNSFEVRV	631	>TP53-V274I GRNSFEVRI	279	352
>TP53-V274L RVCACPGR	1309	>TP53-V274L RLCACPGR	427	882

>TP53-V274L RVCACPGR	367	>TP53-V274L RLCACPGR	2679	2312
>TP53-V274L RVCACPGRDI	435	>TP53-V274L RLCACPGRDF	3312	2877
>TP53-V274L RVCACPGR	40	>TP53-V274L RLCACPGR	62	22
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>TP53-V274L RVCACPGRDI	33	>TP53-V274L RLCACPGRDF	44	11
>TP53-V274L RVCACPGR	481	>TP53-V274L RLCACPGR	3800	3319
>TP53-V274L RVCACPGRDI	297	>TP53-V274L RLCACPGRDF	84	213
>TP53-V274L RVCACPGR	66	>TP53-V274L RLCACPGR	48	18
>TP53-V274L RVCACPGRDI	255	>TP53-V274L RLCACPGRDF	157	98
>TP53-V274L RVCACPGRDI	109	>TP53-V274L RLCACPGRDF	72	37
>TP53-V274L LLGRNSFEVR	137	>TP53-V274L LLGRNSFEVR	486	349
>TP53-V274L LLGRNSFEVR	62	>TP53-V274L LLGRNSFEVR	104	42
>TP53-V274L LLGRNSFEVR	214	>TP53-V274L LLGRNSFEVR	2224	2010
>TP53-V274L LLGRNSFEVR	3	>TP53-V274L LLGRNSFEVR	15	12
>TP53-V274L LLGRNSFEVR	7	>TP53-V274L LLGRNSFEVR	33	26
>TP53-V274L LLGRNSFEVR	9	>TP53-V274L LLGRNSFEVR	82	73
>TP53-V274L LLGRNSFEVR	6	>TP53-V274L LLGRNSFEVR	63	57
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>TP53-V274L EVRVCACPGF	329	>TP53-V274L EVRLCACPGR	176	153
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>TP53-V274L EVRVCACPGF	744	>TP53-V274L EVRLCACPGR	416	328
>TP53-V274L FEVRVCACPG	370	>TP53-V274L FEVRLCACPG	865	495
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>TP53-V274L GRNSFEVRV	1254	>TP53-V274L GRNSFEVRL	232	1022
>TP53-V274L GRNSFEVRV	1117	>TP53-V274L GRNSFEVRL	107	1010
>TP53-V31I-v VLSPLPSQA	52	>TP53-V31I-r ILSPLPSQA	26	26
>TP53-V31I-v VLSPLPSQAM	255	>TP53-V31I-r ILSPLPSQAM	93	162
>TP53-V31I-v VLSPLPSQA	8	>TP53-V31I-r ILSPLPSQA	6	2
>TP53-V31I-v VLSPLPSQAM	909	>TP53-V31I-r ILSPLPSQAM	325	584
>TP53-V31I-v VLSPLPSQA	26	>TP53-V31I-r ILSPLPSQA	32	6
>TP53-V31I-v VLSPLPSQAM	76	>TP53-V31I-r ILSPLPSQAM	98	22
>TP53-V31I-v VLSPLPSQA	64	>TP53-V31I-r ILSPLPSQA	130	66
>TP53-V31I-v VLSPLPSQA	125	>TP53-V31I-r ILSPLPSQA	143	18
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>TP53-V31I-v VLSPLPSQ	28	>TP53-V31I-r ILSPLPSQ	39	11
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>TP53-V31I-v VLSPLPSQAM	43	>TP53-V31I-r ILSPLPSQAM	59	16
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>TP53-V31I-v VLSPLPSQAM	243	>TP53-V31I-r ILSPLPSQAM	99	144
>TP53-V31I-v VLSPLPSQAM	269	>TP53-V31I-r ILSPLPSQAM	549	280
>TP53-V31I-v NVLSPLPSQA	523	>TP53-V31I-r NILSPLPSQA	270	253

>TP53-V31I-v NVLSPLPSQ	498	>TP53-V31I-r NILSPLPSQ	1827	1329
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>TP53-V31I-v NVLSPLPSQ	284	>TP53-V31I-r NILSPLPSQ	628	344
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>TP53-V31I-v DLWKLLPEN	283	>TP53-V31I-r DLWKLLPEN	1968	1685
>TP53-V31I-v DLWKLLPEN	14	>TP53-V31I-r DLWKLLPEN	163	149
>TP53-V31I-v DLWKLLPEN	23	>TP53-V31I-r DLWKLLPEN	513	490
>TP53-V31I-v DLWKLLPEN	19	>TP53-V31I-r DLWKLLPEN	843	824
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>TP53-V31I-v PENNVLSPL	445	>TP53-V31I-r PENNILSPL	461	16
>TP53-V31I-v PENNVLSPL	277	>TP53-V31I-r PENNILSPL	261	16
>TP53-V31I-v PENNVLSPL	333	>TP53-V31I-r PENNILSPL	215	118
>TP53-V31I-v PENNVLSPL	214	>TP53-V31I-r PENNILSPL	200	14
>TP53-V31I-v LPENNVLSPL	455	>TP53-V31I-r LPENNILSPL	616	161
>TP53-V31I-v LPENNVLSPL	59	>TP53-V31I-r LPENNILSPL	65	6
>TP53-V31I-v LPENNVLSPL	327	>TP53-V31I-r LPENNILSPL	446	119
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>TP53-V31I-v LPENNVLSPL	162	>TP53-V31I-r LPENNILSPL	155	7
>TP53-V31I-v LLPENNVL	483	>TP53-V31I-r LLPENNIL	463	20
>TP53-V31I-v LLPENNVLSP	41	>TP53-V31I-r LLPENNILSPL	36	5
>TP53-V31I-v LLPENNVL	36	>TP53-V31I-r LLPENNIL	38	2
>TP53-V31I-v LLPENNVLSP	12	>TP53-V31I-r LLPENNILSPL	12	0
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>TP53-V31I-v LLPENNVLSP	12	>TP53-V31I-r LLPENNILSPL	12	0
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>TP53-V31I-v LLPENNVL	25	>TP53-V31I-r LLPENNIL	56	31
>TP53-V31I-v LLPENNVLSP	4	>TP53-V31I-r LLPENNILSPL	5	1
>TP53-V31I-v LLPENNVL	32	>TP53-V31I-r LLPENNIL	40	8
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>TP53-V31I-v LLPENNVLSP	27	>TP53-V31I-r LLPENNILSPL	31	4
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>TP53-V31I-v LLPENNVL	243	>TP53-V31I-r LLPENNILS	381	138
>TP53-V31I-v LLPENNVLSP	3	>TP53-V31I-r LLPENNILSPL	3	0
>TP53-V31I-v LLPENNVLSP	63	>TP53-V31I-r LLPENNILSPL	54	9
>TP53-V31I-v KLLPENNV	23	>TP53-V31I-r KLLPENNI	71	48
>TP53-V31I-v KLLPENNV	109	>TP53-V31I-r KLLPENNIL	117	8

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>TP53-V31I-v KLLPENNVL	42	>TP53-V31I-r KLLPENNIL	36	6
>TP53-V31I-v KLLPENNV	53	>TP53-V31I-r KLLPENNI	360	307
>TP53-V31I-v KLLPENNV	45	>TP53-V31I-r KLLPENNI	184	139
>TP53-V31I-v KLLPENNVL	244	>TP53-V31I-r KLLPENNIL	267	23
>TP53-V31I-v KLLPENNV	4	>TP53-V31I-r KLLPENNI	18	14
>TP53-V31I-v KLLPENNVL	35	>TP53-V31I-r KLLPENNIL	122	87
>TP53-V31I-v KLLPENNV	5	>TP53-V31I-r KLLPENNI	15	10
>TP53-V31I-v KLLPENNVL	11	>TP53-V31I-r KLLPENNIL	13	2
>TP53-V31I-v KLLPENNV	6	>TP53-V31I-r KLLPENNI	28	22
>TP53-V31I-v KLLPENNVL	52	>TP53-V31I-r KLLPENNIL	62	10
>TP53-V31I-v KLLPENNV	7	>TP53-V31I-r KLLPENNI	110	103
>TP53-V31I-v KLLPENNVL	67	>TP53-V31I-r KLLPENNIL	157	90
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>TP53-V31I-v KLLPENNVL	21	>TP53-V31I-r KLLPENNIL	26	5
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>TP53-V31I-v KLLPENNVL	275	>TP53-V31I-r KLLPENNIL	427	152
>TP53-V31I-v KLLPENNVL	316	>TP53-V31I-r KLLPENNIL	381	65
>TP53-V31I-v WKLLPENNV	202	>TP53-V31I-r WKLLPENNI	151	51
>TP53-V31I-v WKLLPENNV	54	>TP53-V31I-r WKLLPENNIL	71	17
>TP53-V31I-v WKLLPENNV	90	>TP53-V31I-r WKLLPENNIL	177	87
>TP53-V31I-v LWKLLPENNV	152	>TP53-V31I-r LWKLLPENNI	260	108
>TP53-V31I-v LWKLLPENNV	232	>TP53-V31I-r LWKLLPENNI	221	11
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>TP53-V73E- VAPAPAPTF	735	>TP53-V73E- EAPAPAPTF	16	719
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>TP53-V73E- VAPAPAPTF	412	>TP53-V73E- EAPAPAPTF	5759	5347
>TP53-V73E- VAPAPAPTF	498	>TP53-V73E- EAPAPAPTF	6100	5602
>TP53-V73E- RVAPAPAA	259	>TP53-V73E- REAPAPAA	11504	11245
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>TP53-V73E- RVAPAPAA	77	>TP53-V73E- REAPAPAA	12410	12333
>TP53-V73E- RVAPAPAA	432	>TP53-V73E- REAPAPAA	16090	15658
>TP53-V73E- RVAPAPAAP	36428	>TP53-V73E- REAPAPAAP	396	36032
>TP53-V73E- RVAPAPAA	25402	>TP53-V73E- REAPAPAA	17	25385
>TP53-V73E- RVAPAPAAP	28226	>TP53-V73E- REAPAPAAP	278	27948
>TP53-V73E- APRMPEAAP	38	>TP53-V73E- APRMPEAAP	1226	1188
>TP53-V73E- APRVAPAPA	22	>TP53-V73E- APREAPAPA	16	6
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>TP53-V73E- APRVAPAPA	61	>TP53-V73E- APREAPAPA	92	31
>TP53-V73E- APRVAPAPA	432	>TP53-V73E- APREAPAPA	964	532
>TP53-V73E- EAAPRVAPA	8	>TP53-V73E- EAAPREAPA	26	18
>TP53-V73E- EAAPRVAPAF	9	>TP53-V73E- EAAPREAPAF	15	6

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>TP53-V73E- EAAPRVAPAF	96	>TP53-V73E- EAAPREAPAF	304	208
>TP53-V73E- MPEAAPRV	23	>TP53-V73E- MPEAAPRE	20845	20822
>TP53-V73E- MPEAAPRV	487	>TP53-V73E- MPEAAPRE	16169	15682
>TP53-V73E- MPEAAPRVA	177	>TP53-V73E- MPEAAPREA	370	193
>TP53-V73E- MPEAAPRVA	65	>TP53-V73E- MPEAAPREA	84	19
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>TP53-V73E- MPEAAPRV	83	>TP53-V73E- MPEAAPRE	2965	2882
>TP53-V73E- MPEAAPRVA	15	>TP53-V73E- MPEAAPREA	34	19
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>TP53-V73E- RMPEAAPRV	15	>TP53-V73E- RMPEAAPRE	17204	17189
>TP53-V73E- RMPEAAPRV	480	>TP53-V73E- RMPEAAPRE	344	136
>TP53-V73E- RMPEAAPRV	12	>TP53-V73E- RMPEAAPRE	13951	13939
>TP53-V73E- RMPEAAPRV	2	>TP53-V73E- RMPEAAPRE	4188	4186
>TP53-V73E- RMPEAAPRV	39	>TP53-V73E- RMPEAAPRE	20	19
>TP53-V73E- RMPEAAPRV	17	>TP53-V73E- RMPEAAPRE	18226	18209
>TP53-V73E- RMPEAAPRV	5	>TP53-V73E- RMPEAAPRE	11269	11264
>TP53-V73E- RMPEAAPRV	356	>TP53-V73E- RMPEAAPRE	139	217
>TP53-V73E- RMPEAAPRV	6	>TP53-V73E- RMPEAAPRE	20635	20629
>TP53-V73E- RMPEAAPRV	4	>TP53-V73E- RMPEAAPRE	6062	6058
>TP53-V73E- RMPEAAPRV	318	>TP53-V73E- RMPEAAPRE	134	184
>TP53-V73E- RMPEAAPRV	229	>TP53-V73E- RMPEAAPRE	10252	10023
>TP53-V73L- VAPAAPTF	735	>TP53-V73L- LAPAAPTP	228	507
>TP53-V73L- VAPAAPTF	6911	>TP53-V73L- LAPAAPTP	368	6543
>TP53-V73L- VAPAAPTF	125	>TP53-V73L- LAPAAPTP	141	16
>TP53-V73L- VAPAAPTF	412	>TP53-V73L- LAPAAPTP	471	59
>TP53-V73L- VAPAAPTF	498	>TP53-V73L- LAPAAPTP	557	59
>TP53-V73L- RVAPAPAA	4587	>TP53-V73L- RLAPAPAA	132	4455
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>TP53-V73L- RVAPAPAA	3487	>TP53-V73L- RLAPAPAA	215	3272
>TP53-V73L- RVAPAPAA	259	>TP53-V73L- RLAPAPAA	13	246
>TP53-V73L- RVAPAPAA	2380	>TP53-V73L- RLAPAPAA	309	2071
>TP53-V73L- RVAPAPAA	79	>TP53-V73L- RLAPAPAA	56	23
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>TP53-V73L- RVAPAPAA	8008	>TP53-V73L- RLAPAPAA	141	7867
>TP53-V73L- RVAPAPAA	9910	>TP53-V73L- RLAPAPAA	186	9724
>TP53-V73L- RVAPAPAA	4427	>TP53-V73L- RLAPAPAA	41	4386
>TP53-V73L- RVAPAPAA	9048	>TP53-V73L- RLAPAPAA	161	8887
>TP53-V73L- RVAPAPAA	2422	>TP53-V73L- RLAPAPAA	17	2405



>TP53-V73L- <sup>1</sup> RVAPAPAAPT	12089	>TP53-V73L- <sup>1</sup> RLAPAPAAPT	92	11997
>TP53-V73L- <sup>1</sup> RVAPAPAA	77	>TP53-V73L- <sup>1</sup> RLAPAPAA	813	736
>TP53-V73L- <sup>1</sup> RVAPAPAA	432	>TP53-V73L- <sup>1</sup> RLAPAPAA	4904	4472
>TP53-V73L- <sup>1</sup> APRMPEAAP	38	>TP53-V73L- <sup>1</sup> APRMPEAAP	23	15
>TP53-V73L- <sup>1</sup> APRVAPAPA	22	>TP53-V73L- <sup>1</sup> APRLAPAPA	20	2
>TP53-V73L- <sup>1</sup> APRVAPAPA/	334	>TP53-V73L- <sup>1</sup> APRLAPAPAA	343	9
>TP53-V73L- <sup>1</sup> APRVAPAPA	61	>TP53-V73L- <sup>1</sup> APRLAPAPA	56	5
>TP53-V73L- <sup>1</sup> APRVAPAPA/	432	>TP53-V73L- <sup>1</sup> APRLAPAPAA	348	84
>TP53-V73L- <sup>1</sup> EAAPRVAPA	8	>TP53-V73L- <sup>1</sup> EAAPRLAPA	10	2
>TP53-V73L- <sup>1</sup> EAAPRVAPAF	9	>TP53-V73L- <sup>1</sup> EAAPRLAPAP	10	1
>TP53-V73L- <sup>1</sup> EAAPRVAPA	130	>TP53-V73L- <sup>1</sup> EAAPRLAPA	118	12
>TP53-V73L- <sup>1</sup> EAAPRVAPAF	96	>TP53-V73L- <sup>1</sup> EAAPRLAPAP	98	2
>TP53-V73L- <sup>1</sup> MPEAAPRV	23	>TP53-V73L- <sup>1</sup> MPEAAPRL	8	15
>TP53-V73L- <sup>1</sup> MPEAAPRV	487	>TP53-V73L- <sup>1</sup> MPEAAPRL	129	358
>TP53-V73L- <sup>1</sup> MPEAAPRVA	177	>TP53-V73L- <sup>1</sup> MPEAAPRLA	1509	1332
>TP53-V73L- <sup>1</sup> MPEAAPRVA	65	>TP53-V73L- <sup>1</sup> MPEAAPRLAI	86	21
>TP53-V73L- <sup>1</sup> MPEAAPRV	678	>TP53-V73L- <sup>1</sup> MPEAAPRL	86	592
>TP53-V73L- <sup>1</sup> MPEAAPRVA	258	>TP53-V73L- <sup>1</sup> MPEAAPRLA	1369	1111
>TP53-V73L- <sup>1</sup> MPEAAPRVA	76	>TP53-V73L- <sup>1</sup> MPEAAPRLAI	135	59
>TP53-V73L- <sup>1</sup> MPEAAPRV	2796	>TP53-V73L- <sup>1</sup> MPEAAPRL	160	2636
>TP53-V73L- <sup>1</sup> MPEAAPRV	496	>TP53-V73L- <sup>1</sup> MPEAAPRL	2183	1687
>TP53-V73L- <sup>1</sup> MPEAAPRV	677	>TP53-V73L- <sup>1</sup> MPEAAPRL	168	509
>TP53-V73L- <sup>1</sup> MPEAAPRV	83	>TP53-V73L- <sup>1</sup> MPEAAPRL	5935	5852
>TP53-V73L- <sup>1</sup> MPEAAPRVA	15	>TP53-V73L- <sup>1</sup> MPEAAPRLA	14	1
>TP53-V73L- <sup>1</sup> MPEAAPRVA	10	>TP53-V73L- <sup>1</sup> MPEAAPRLAI	8	2
>TP53-V73L- <sup>1</sup> RMPEAAPRV	35	>TP53-V73L- <sup>1</sup> RMPEAAPRL	98	63
>TP53-V73L- <sup>1</sup> RMPEAAPRV	224	>TP53-V73L- <sup>1</sup> RMPEAAPRL	309	85
>TP53-V73L- <sup>1</sup> RMPEAAPRV	15	>TP53-V73L- <sup>1</sup> RMPEAAPRL	129	114
>TP53-V73L- <sup>1</sup> RMPEAAPRV	480	>TP53-V73L- <sup>1</sup> RMPEAAPRL/	288	192
>TP53-V73L- <sup>1</sup> RMPEAAPRV	12	>TP53-V73L- <sup>1</sup> RMPEAAPRL	36	24
>TP53-V73L- <sup>1</sup> RMPEAAPRV	2	>TP53-V73L- <sup>1</sup> RMPEAAPRL	6	4
>TP53-V73L- <sup>1</sup> RMPEAAPRV	39	>TP53-V73L- <sup>1</sup> RMPEAAPRL/	36	3
>TP53-V73L- <sup>1</sup> RMPEAAPRV	17	>TP53-V73L- <sup>1</sup> RMPEAAPRL	99	82
>TP53-V73L- <sup>1</sup> RMPEAAPRV	5	>TP53-V73L- <sup>1</sup> RMPEAAPRL	10	5
>TP53-V73L- <sup>1</sup> RMPEAAPRV	356	>TP53-V73L- <sup>1</sup> RMPEAAPRL/	244	112
>TP53-V73L- <sup>1</sup> RMPEAAPRV	6	>TP53-V73L- <sup>1</sup> RMPEAAPRL	31	25
>TP53-V73L- <sup>1</sup> RMPEAAPRV	4	>TP53-V73L- <sup>1</sup> RMPEAAPRL	9	5
>TP53-V73L- <sup>1</sup> RMPEAAPRV	318	>TP53-V73L- <sup>1</sup> RMPEAAPRL/	203	115
>TP53-V73L- <sup>1</sup> RMPEAAPRV	9146	>TP53-V73L- <sup>1</sup> RMPEAAPRL	393	8753
>TP53-V73L- <sup>1</sup> RMPEAAPRV	229	>TP53-V73L- <sup>1</sup> RMPEAAPRL	37	192
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>TP53-V73M MPEAAPRVA	76	>TP53-V73M MPEAAPRM/	123	47
>TP53-V73M MPEAAPRV	496	>TP53-V73M MPEAAPRM	2473	1977
>TP53-V73M MPEAAPRV	677	>TP53-V73M MPEAAPRM	113	564
>TP53-V73M MPEAAPRV	83	>TP53-V73M MPEAAPRM	4634	4551
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>TP53-V97A- VPSQKTYQG	19	>TP53-V97A- APSQKTYQG	42	23
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>TP53-V97A- SVPSQKTY	442	>TP53-V97A- SAPSQKTY	869	427
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>TP53-V97A- SSSVPSQKTY	457	>TP53-V97A- SSSAPSQKTY	210	247
>TP53-V97A- SSSVPSQK	286	>TP53-V97A- SSSAPSQK	403	117

>TP53-V97A- LSSSVPSQKT\	164	>TP53-V97A- LSSSAPSQKT\	273	109
>TP53-V97A- LSSSVPSQK	103	>TP53-V97A- LSSSAPSQK	198	95
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>TP53-V97A- PLSSSVPSQK	382	>TP53-V97A- PLSSSAPSQK	627	245
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>TP53-V97A- WPLSSSVPS	27	>TP53-V97A- WPLSSSAPS	31	4
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>TP53-W146 LWVDSTPPP	467	>TP53-W146 LCVDSTPPP	36769	36302
>TP53-W146 LWVDSTPPPG	485	>TP53-W146 LCVDSTPPPG	37268	36783
>TP53-W146 QLAKTCPVQL	343	>TP53-W146 QLAKTCPVQL	21732	21389

>TP53-W146 VQLWVDST	120	>TP53-W146 VQLCVDST	197	77
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>TP53-W146 KTCPVQLWV	53	>TP53-W146 KTCPVQLCV	229	176
>TP53-W146 KTCPVQLWV	338	>TP53-W146 KTCPVQLCV	293	45
>TP53-W146 KTCPVQLWV	202	>TP53-W146 KTCPVQLCV	1397	1195
>TP53-W146 KTCPVQLWV	224	>TP53-W146 KTCPVQLCV	364	140
>TP53-W146 KTCPVQLW	165	>TP53-W146 KTCPVQLC	5234	5069
>TP53-W146 KTCPVQLW	4	>TP53-W146 KTCPVQLC	2778	2774
>TP53-W146 KTCPVQLWV	118	>TP53-W146 KTCPVQLCV	755	637
>TP53-W146 KTCPVQLW	34	>TP53-W146 KTCPVQLC	11189	11155
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>TP53-W146 KTCPVQLWV	254	>TP53-W146 KTCPVQLCV	2132	1878
>TP53-W146 KTCPVQLWV	272	>TP53-W146 KTCPVQLCV	459	187
>TP53-W146 AKTCPVQLW	192	>TP53-W146 AKTCPVQLC	1682	1490
>TP53-W146 AKTCPVQLW	503	>TP53-W146 AKTCPVQLCV	154	349
>TP53-W146 LAKTCPVQLW	482	>TP53-W146 LAKTCPVQLC	2267	1785
>TP53-W146 LAKTCPVQLW	45	>TP53-W146 LAKTCPVQLC	19061	19016
>TP53-W146 LAKTCPVQLW	42	>TP53-W146 LAKTCPVQLC	19514	19472
>TP53-W146 LAKTCPVQLW	42	>TP53-W146 LAKTCPVQLC	21087	21045
>TP53-W146 WVDSTPPPG	489	>TP53-W146 GVDSTPPPGI	10283	9794
>TP53-W146 LWVDSTPPP	386	>TP53-W146 LGVDSTPPP	35938	35552
>TP53-W146 LWVDSTPPP	467	>TP53-W146 LGVDSTPPP	35989	35522
>TP53-W146 LWVDSTPPPG	485	>TP53-W146 LGVDSTPPPG	36224	35739
>TP53-W146 QLAKTCPVQL	343	>TP53-W146 QLAKTCPVQL	22163	21820
>TP53-W146 VQLWVDST	120	>TP53-W146 VQLGVDST	160	40
>TP53-W146 KTCPVQLWV	125	>TP53-W146 KTCPVQLGV	73	52
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>TP53-W146 KTCPVQLWV	338	>TP53-W146 KTCPVQLGV	268	70
>TP53-W146 KTCPVQLWV	202	>TP53-W146 KTCPVQLGV	374	172
>TP53-W146 KTCPVQLWV	224	>TP53-W146 KTCPVQLGV	268	44
>TP53-W146 KTCPVQLW	165	>TP53-W146 KTCPVQLG	10149	9984
>TP53-W146 KTCPVQLW	4	>TP53-W146 KTCPVQLG	4776	4772
>TP53-W146 KTCPVQLWV	118	>TP53-W146 KTCPVQLGV	103	15
>TP53-W146 KTCPVQLW	34	>TP53-W146 KTCPVQLG	11452	11418
>TP53-W146 KTCPVQLW	10	>TP53-W146 KTCPVQLG	4603	4593
>TP53-W146 KTCPVQLWV	554	>TP53-W146 KTCPVQLGV	385	169
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>TP53-W146 AKTCPVQLW	192	>TP53-W146 AKTCPVQLG	5370	5178
>TP53-W146 AKTCPVQLW	503	>TP53-W146 AKTCPVQLG	250	253
>TP53-W146 LAKTCPVQLW	482	>TP53-W146 LAKTCPVQLG	934	452
>TP53-W146 LAKTCPVQLW	45	>TP53-W146 LAKTCPVQLG	19238	19193
>TP53-W146 LAKTCPVQLW	42	>TP53-W146 LAKTCPVQLG	18836	18794

>TP53-W146 LAKTCPVQLV	42	>TP53-W146 LAKTCPVQLG	22137	22095
>TP53-W146 WVDSTPPPG	6928	>TP53-W146 RVDSTPPPGT	231	6697
>TP53-W146 WVDSTPPPG	489	>TP53-W146 RVDSTPPPGT	6703	6214
>TP53-W146 LWVDSTPP	386	>TP53-W146 LRVDSTPP	35325	34939
>TP53-W146 LWVDSTPPP	467	>TP53-W146 LRVDSTPPP	35285	34818
>TP53-W146 LWVDSTPPPG	485	>TP53-W146 LRVDSTPPPG	35656	35171
>TP53-W146 QLAKTCPVQL	26037	>TP53-W146 QLAKTCPVQL	120	25917
>TP53-W146 QLAKTCPVQL	343	>TP53-W146 QLAKTCPVQL	22379	22036
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>TP53-W146 VQLWVDST	120	>TP53-W146 VQLRVDST	469	349
>TP53-W146 KTCPVQLWV	125	>TP53-W146 KTCPVQLRV	460	335
>TP53-W146 KTCPVQLWV	53	>TP53-W146 KTCPVQLRV	65	12
>TP53-W146 KTCPVQLWV	338	>TP53-W146 KTCPVQLRV	740	402
>TP53-W146 KTCPVQLWV	202	>TP53-W146 KTCPVQLRV	356	154
>TP53-W146 KTCPVQLW	19563	>TP53-W146 KTCPVQLR	66	19497
>TP53-W146 KTCPVQLWV	224	>TP53-W146 KTCPVQLRV	221	3
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>TP53-W146 KTCPVQLW	165	>TP53-W146 KTCPVQLR	9313	9148
>TP53-W146 KTCPVQLW	26278	>TP53-W146 KTCPVQLR	122	26156
>TP53-W146 KTCPVQLW	4	>TP53-W146 KTCPVQLR	5409	5405
>TP53-W146 KTCPVQLWV	118	>TP53-W146 KTCPVQLRV	83	35
>TP53-W146 KTCPVQLW	34	>TP53-W146 KTCPVQLR	12362	12328
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>TP53-W146 KTCPVQLWV	554	>TP53-W146 KTCPVQLRV	172	382
>TP53-W146 KTCPVQLWV	254	>TP53-W146 KTCPVQLRV	382	128
>TP53-W146 KTCPVQLW	27890	>TP53-W146 KTCPVQLR	97	27793
>TP53-W146 KTCPVQLWV	272	>TP53-W146 KTCPVQLRV	290	18
>TP53-W146 AKTCPVQLW	192	>TP53-W146 AKTCPVQLR	484	292
>TP53-W146 AKTCPVQLW	503	>TP53-W146 AKTCPVQLRV	346	157
>TP53-W146 LAKTCPVQLV	482	>TP53-W146 LAKTCPVQLR	730	248
>TP53-W146 LAKTCPVQLV	31800	>TP53-W146 LAKTCPVQLR	311	31489
>TP53-W146 LAKTCPVQLV	36091	>TP53-W146 LAKTCPVQLR	142	35949
>TP53-W146 LAKTCPVQLV	45	>TP53-W146 LAKTCPVQLR	19778	19733
>TP53-W146 LAKTCPVQLV	42	>TP53-W146 LAKTCPVQLR	19813	19771
>TP53-W146 LAKTCPVQLV	42	>TP53-W146 LAKTCPVQLR	22890	22848
>TP53-W146 WVDSTPPPG	489	>TP53-W146 SVDSTPPPGT	794	305
>TP53-W146 LWVDSTPPPG	27266	>TP53-W146 LSVDSTPPPG	442	26824
>TP53-W146 LWVDSTPP	386	>TP53-W146 LSVDSTPP	36085	35699
>TP53-W146 LWVDSTPPP	467	>TP53-W146 LSVDSTPPP	36189	35722
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>TP53-W146 VQLWVDST	120	>TP53-W146 VQLSVDST	290	170
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>TP53-W146 KTCPVQLWV	53	>TP53-W146 KTCPVQLSV	55	2
>TP53-W146 KTCPVQLWV	338	>TP53-W146 KTCPVQLSV	401	63
>TP53-W146 KTCPVQLWV	202	>TP53-W146 KTCPVQLSV	307	105
>TP53-W146 KTCPVQLWV	224	>TP53-W146 KTCPVQLSV	59	165
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>TP53-W146 KTCPVQLWV	1821	>TP53-W146 KTCPVQLSV	217	1604
>TP53-W146 KTCPVQLW	4	>TP53-W146 KTCPVQLS	3548	3544
>TP53-W146 KTCPVQLWV	118	>TP53-W146 KTCPVQLSV	98	20
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>TP53-W146 KTCPVQLW	10	>TP53-W146 KTCPVQLS	7405	7395
>TP53-W146 KTCPVQLWV	554	>TP53-W146 KTCPVQLSV	130	424
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>TP53-W146 KTCPVQLWV	272	>TP53-W146 KTCPVQLSV	123	149
>TP53-W146 AKTCPVQLW	192	>TP53-W146 AKTCPVQLS	2253	2061
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>TP53-W146 LAKTCPVQLV	45	>TP53-W146 LAKTCPVQLS	17937	17892
>TP53-W146 LAKTCPVQLV	42	>TP53-W146 LAKTCPVQLS	19027	18985
>TP53-W146 LAKTCPVQLV	42	>TP53-W146 LAKTCPVQLS	22578	22536
>TP53-W53C QWFTEDPG	275	>TP53-W53C QCFTEDPG	35956	35681
>TP53-W53C LMLSPDDIEQ	1352	>TP53-W53C LMLSPDDIEQ	17	1335
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>TP53-W53C LMLSPDDIEQ	5163	>TP53-W53C LMLSPDDIEQ	67	5096
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>TP53-W53C PDDIEQWFT	240	>TP53-W53C PDDIEQCFT	1100	860
>TP53-W53C SPDDIEQWF	339	>TP53-W53C SPDDIEQCF	112	227
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>TP53-W53C MLSPDDIEQV	107	>TP53-W53C MLSPDDIEQC	287	180
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>TP53-W53C MLSPDDIEQV	129	>TP53-W53C MLSPDDIEQC	747	618
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>TP53-W53C MLSPDDIEQV	213	>TP53-W53C MLSPDDIEQC	61	152
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>TP53-Y107C YGFRLGFL	116	>TP53-Y107C CGFRLGFL	478	362
>TP53-Y107C YGFRLGFL	486	>TP53-Y107C CGFRLGFL	3125	2639
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>TP53-Y107C YGFRLGFLH	89	>TP53-Y107C CGFRLGFLH	2447	2358
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>TP53-Y107C GSYGFRLGFL	237	>TP53-Y107C GSCGFRLGFL	1429	1192
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>TP53-Y107C YQGSYGFRL	30	>TP53-Y107C YQGSCGFRL	45	15
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>TP53-Y107C YQGSYGFRL	211	>TP53-Y107C YQGSCGFRL	351	140
>TP53-Y107C YQGSYGFRLC	32	>TP53-Y107C YQGSCGFRLC	36	4
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>TP53-Y107C YQGSYGFRL	77	>TP53-Y107C YQGSCGFRL	128	51
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>TP53-Y107C YQGSYGFR	223	>TP53-Y107C YQGSCGFR	143	80
>TP53-Y107C TYQGSYGFRL	141	>TP53-Y107C TYQGSCGFRL	64	77
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>TP53-Y107C TYQGSYGFRL	316	>TP53-Y107C TYQGSCGFRL	1185	869
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>TP53-Y107C TYQGSYGFRL	53	>TP53-Y107C TYQGSCGFRL	78	25
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>TP53-Y107C KTYQGSYGFRL	50	>TP53-Y107C KTYQGSCGFF	99	49

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>TP53-Y107C KTYQGSYGF	192	>TP53-Y107C KTYQGSCGF	500	308
>TP53-Y107C KTYQGSYGF	294	>TP53-Y107C KTYQGSCGF	7228	6934
>TP53-Y107C KTYQGSYGFR	96	>TP53-Y107C KTYQGSCGFF	217	121
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>TP53-Y107C KTYQGSYGFR	151	>TP53-Y107C KTYQGSCGFF	433	282
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>TP53-Y107C KTYQGSYGFR	25	>TP53-Y107C KTYQGSCGFF	34	9
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>TP53-Y107C SQKTYQGSY	15	>TP53-Y107C SQKTYQGSC	16541	16526
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>TP53-Y107C GSYGFRLGFL	31	>TP53-Y107C GSDGFRLGFL	1042	1011
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>TP53-Y107C VPSQKTYQGS	92	>TP53-Y107C VPSQKTYQGS	15420	15328
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>TP53-Y107C KTYQGSYGFR	151	>TP53-Y107C KTYQGSQGFI	616	465
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>TP53-Y107C QKTYQGSYGI	10	>TP53-Y107C QKTYQGSQ	7	3
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>TP53-Y107C SQKTYQGSY	38	>TP53-Y107C SQKTYQGSQ	2159	2121
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>TP53-Y107C SQKTYQGSYC	268	>TP53-Y107C SQKTYQGSQC	150	118
>TP53-Y107C SQKTYQGSY	19	>TP53-Y107C SQKTYQGSQ	4784	4765
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>TP53-Y107C PSQKTYQGSY	71	>TP53-Y107C PSQKTYQGSQ	14139	14068
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>TP53-Y126C YSPALNKMFC	22	>TP53-Y126C CSPALNKMFC	191	169
>TP53-Y126C YSPALNKMFC	124	>TP53-Y126C CSPALNKMFC	1277	1153
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>TP53-Y126C YSPALNKMF	103	>TP53-Y126C CSPALNKMF	2848	2745
>TP53-Y126C TYSPALNKM	136	>TP53-Y126C TCSPALNKM	30614	30478
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>TP53-Y126C TYSPALNKMF	179	>TP53-Y126C TCSPALNKMF	12295	12116
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>TP53-Y126C TYSPALNKMF	439	>TP53-Y126C TCSPALNKMF	27520	27081
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>TP53-Y126C SVTCTYSPA	468	>TP53-Y126C SVTCTCSPA	595	127
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>TP53-Y126C SGTAKSVTCT	374	>TP53-Y126C SGTAKSVTCT	34509	34135
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>TP53-Y126L GTAKSVTCTY	466	>TP53-Y126L GTAKSVTCTD	32938	32472
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>TP53-Y126L GTAKSVTCTY	8	>TP53-Y126L GTAKSVTCTD	13057	13049
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>TP53-Y126L GTAKSVTCTY	39	>TP53-Y126L GTAKSVTCTD	16118	16079
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>TP53-Y126N YSPALNKMF	384	>TP53-Y126N NSPALNKMF	4383	3999
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>TP53-Y126N YSPALNKM	40	>TP53-Y126N NSPALNKM	543	503
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>TP53-Y126N YSPALNKM	67	>TP53-Y126N NSPALNKM	976	909
>TP53-Y126N YSPALNKMF	103	>TP53-Y126N NSPALNKMF	2604	2501
>TP53-Y126N TYSPALNKM	136	>TP53-Y126N TNSPALNKM	28706	28570
>TP53-Y126N TYSPALNK	220	>TP53-Y126N TNSPALNK	900	680
>TP53-Y126N TYSPALNKMF	179	>TP53-Y126N TNSPALNKMF	19595	19416
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>TP53-Y126N TYSPALNKM	27	>TP53-Y126N TNSPALNKM	22352	22325
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>TP53-Y126N TYSPALNKMF	439	>TP53-Y126N TNSPALNKMF	26367	25928
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>TP53-Y126N CTYSPALNKM	380	>TP53-Y126N CTNSPALNKM	2063	1683
>TP53-Y126N CTYSPALNKM	246	>TP53-Y126N CTNSPALNKM	863	617
>TP53-Y126N CTYSPALNK	215	>TP53-Y126N CTNSPALNK	250	35
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>TP53-Y126N CTYSPALNKM	488	>TP53-Y126N CTNSPALNKM	2983	2495
>TP53-Y126N CTYSPALNKM	23	>TP53-Y126N CTNSPALNKM	160	137
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>TP53-Y126N CTYSPALNKM	76	>TP53-Y126N CTNSPALNKM	166	90
>TP53-Y126N CTYSPALNKM	146	>TP53-Y126N CTNSPALNKM	328	182
>TP53-Y126N CTYSPALNKM	30	>TP53-Y126N CTNSPALNKM	63	33
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>TP53-Y126N AKSVTCTYSP,	56	>TP53-Y126N AKSVTCTNSP	76	20
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>TP53-Y163C VRAMAIYK	159	>TP53-Y163C VRAMAICK	214	55
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>TP53-Y163C RVRAMAIYK	18	>TP53-Y163C RVRAMAIDK	1016	998
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>TP53-Y163C RVRAMAIYK	156	>TP53-Y163C RVRAMAIDK	5307	5151
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>TP53-Y163C GTRVRAMAIY	39	>TP53-Y163C GTRVRAMAII	441	402
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>TP53-Y163C GTRVRAMAIY	4	>TP53-Y163C GTRVRAMAII	10432	10428
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>TP53-Y163C GTRVRAMAIY	269	>TP53-Y163C GTRVRAMAII	377	108
>TP53-Y163F YKQSQHMTE	467	>TP53-Y163F HKQSQHMTE	8497	8030
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>TP53-Y163F AIYKQSQHM	91	>TP53-Y163F AIHKQSQHM	1332	1241
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>TP53-Y163F MAIYKQSQHI	226	>TP53-Y163F MAIHKQSQH	241	15
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>TP53-Y163F AMAIYKQSQI	49	>TP53-Y163F AMAIHKQSQ	96	47
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>TP53-Y163F AMAIYKQSQI	69	>TP53-Y163F AMAIHKQSQ	89	20
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>TP53-Y163S AIYKQSQHM	91	>TP53-Y163S AISKQSQHM	5311	5220
>TP53-Y163S AIYKQSQH	349	>TP53-Y163S AISKQSQH	3901	3552
>TP53-Y163S AIYKQSQHM	62	>TP53-Y163S AISKQSQHM	143	81
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>TP53-Y163S VRAMAIYK	159	>TP53-Y163S VRAMAISK	115	44
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>TP53-Y205C YLDDRNTF	187	>TP53-Y205C CLDDRNTF	5568	5381
>TP53-Y205C YLDDRNTFR	333	>TP53-Y205C CLDDRNTFR	9690	9357
>TP53-Y205C YLDDRNTF	149	>TP53-Y205C CLDDRNTF	7371	7222
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>TP53-Y205C EYLDDRNTF	103	>TP53-Y205C ECLDDRNTF	12321	12218
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>TP53-Y205C EYLDDRNTF	381	>TP53-Y205C ECLDDRNTF	2423	2042
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>TP53-Y205C EYLDDRNTFR	328	>TP53-Y205C ECLDDRNTFR	1218	890
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>TP53-Y205C EYLDDRNTFR	19	>TP53-Y205C ECLDDRNTFR	113	94
>TP53-Y205C IRVEGNLRVE	53	>TP53-Y205C IRVEGNLRVE	4323	4270
>TP53-Y205C VEYLDDRNTF	124	>TP53-Y205C VECLDDRNTF	1679	1555
>TP53-Y205C RVEYLDDR	433	>TP53-Y205C RVECLDDR	796	363
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>TP53-Y205C RVEYLDDR	1045	>TP53-Y205C RVECLDDR	407	638

>TP53-Y205C VEGNLRVEYL	312	>TP53-Y205C VEGNLRVECL	321	9
>TP53-Y205C VEGNLRVEY	67	>TP53-Y205C VEGNLRVEC	10930	10863
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>TP53-Y205C VEGNLRVEY	338	>TP53-Y205C VEGNLRVEC	12354	12016
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>TP53-Y205C YLDDRNTFR†	333	>TP53-Y205C DLDDRNTFR†	24546	24213
>TP53-Y205C YLDDRNTF	149	>TP53-Y205C DLDDRNTF	14835	14686
>TP53-Y205C YLDDRNTFR†	155	>TP53-Y205C DLDDRNTFR†	15211	15056
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>TP53-Y205C EYLDDRNTF	301	>TP53-Y205C EDLDDRNTF	8461	8160
>TP53-Y205C EYLDDRNTFR	328	>TP53-Y205C EDLDDRNTFF	5010	4682
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>TP53-Y205C IRVEGNLRVE†	53	>TP53-Y205C IRVEGNLRVE†	12707	12654
>TP53-Y205C VEYLDDRNTF	124	>TP53-Y205C VEDLDDRNTF	6555	6431
>TP53-Y205C RVEYLDDR	433	>TP53-Y205C RVEDLDDR	1340	907
>TP53-Y205C RVEYLDDRNT	40	>TP53-Y205C RVEDLDDRNT	114	74
>TP53-Y205C RVEYLDDRNT	1271	>TP53-Y205C RVEDLDDRNT	497	774
>TP53-Y205C RVEYLDDRNT	78	>TP53-Y205C RVEDLDDRNT	110	32
>TP53-Y205C VEGNLRVEYL	312	>TP53-Y205C VEGNLRVEDL	816	504
>TP53-Y205C VEGNLRVEY	67	>TP53-Y205C VEGNLRVED	7993	7926
>TP53-Y205C VEGNLRVEYL	472	>TP53-Y205C VEGNLRVEDL	1095	623
>TP53-Y205C VEGNLRVEY	338	>TP53-Y205C VEGNLRVED	9378	9040
>TP53-Y205C VEGNLRVEYL	278	>TP53-Y205C VEGNLRVEDL	288	10
>TP53-Y205C RVEGNLRVEY	224	>TP53-Y205C RVEGNLRVEC	28927	28703
>TP53-Y205C RVEGNLRVEY	301	>TP53-Y205C RVEGNLRVEC	23660	23359



>TP53-Y205C RVEGNLRVEY	400	>TP53-Y205C RVEGNLRVEI	28290	27890
>TP53-Y205F YLDDRNTF	708	>TP53-Y205F FLDDRNTF	235	473
>TP53-Y205F YLDDRNTFR	789	>TP53-Y205F FLDDRNTFR	255	534
>TP53-Y205F YLDDRNTF	187	>TP53-Y205F FLDDRNTF	138	49
>TP53-Y205F YLDDRNTFR†	333	>TP53-Y205F FLDDRNTFR†	194	139
>TP53-Y205F YLDDRNTF	149	>TP53-Y205F FLDDRNTF	196	47
>TP53-Y205F YLDDRNTFR†	155	>TP53-Y205F FLDDRNTFR†	207	52
>TP53-Y205F YLDDRNTF	367	>TP53-Y205F FLDDRNTF	542	175
>TP53-Y205F YLDDRNTF	87	>TP53-Y205F FLDDRNTF	104	17
>TP53-Y205F YLDDRNTFR	189	>TP53-Y205F FLDDRNTFR	251	62
>TP53-Y205F YLDDRNTFR†	187	>TP53-Y205F FLDDRNTFR†	242	55
>TP53-Y205F YLDDRNTFR†	171	>TP53-Y205F FLDDRNTFR†	207	36
>TP53-Y205F YLDDRNTFR	282	>TP53-Y205F FLDDRNTFR	1092	810
>TP53-Y205F YLDDRNTFR	55	>TP53-Y205F FLDDRNTFR	76	21
>TP53-Y205F YLDDRNTFR	68	>TP53-Y205F FLDDRNTFR	48	20
>TP53-Y205F YLDDRNTF	255	>TP53-Y205F FLDDRNTF	321	66
>TP53-Y205F YLDDRNTFR	336	>TP53-Y205F FLDDRNTFR	526	190
>TP53-Y205F EYLDDRNTF	103	>TP53-Y205F EFLDDRNTF	312	209
>TP53-Y205F EYLDDRNTF	18	>TP53-Y205F EFLDDRNTF	79	61
>TP53-Y205F EYLDDRNTF	381	>TP53-Y205F EFLDDRNTF	3723	3342
>TP53-Y205F EYLDDRNTF	301	>TP53-Y205F EFLDDRNTF	1011	710
>TP53-Y205F EYLDDRNTFR	328	>TP53-Y205F EFLDDRNTFR	111	217
>TP53-Y205F EYLDDRNTFR	88	>TP53-Y205F EFLDDRNTFR	33	55
>TP53-Y205F EYLDDRNTFR	508	>TP53-Y205F EFLDDRNTFR	47	461
>TP53-Y205F EYLDDRNTFR	19	>TP53-Y205F EFLDDRNTFR	35	16
>TP53-Y205F IRVEGNLRVE†	53	>TP53-Y205F IRVEGNLRVE†	18	35
>TP53-Y205F IRVEGNLRVE†	668	>TP53-Y205F IRVEGNLRVE†	464	204
>TP53-Y205F IRVEGNLRVE†	1131	>TP53-Y205F IRVEGNLRVE†	160	971
>TP53-Y205F VEYLDDRNTF	124	>TP53-Y205F VEFLDDRNTF	90	34
>TP53-Y205F VEYLDDRNTF	524	>TP53-Y205F VEFLDDRNTF	368	156
>TP53-Y205F RVEYLDDR	433	>TP53-Y205F RVEFLDDR	486	53
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>TP53-Y205F RVEYLDDRNT	78	>TP53-Y205F RVEFLDDRNT	85	7
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>TP53-Y205F VEGNLRVEY	1192	>TP53-Y205F VEGNLRVEF	349	843
>TP53-Y205F VEGNLRVEY	67	>TP53-Y205F VEGNLRVEF	72	5
>TP53-Y205F VEGNLRVEY	3161	>TP53-Y205F VEGNLRVEF	238	2923
>TP53-Y205F VEGNLRVEYL	472	>TP53-Y205F VEGNLRVEFL	772	300
>TP53-Y205F VEGNLRVEY	338	>TP53-Y205F VEGNLRVEF	294	44
>TP53-Y205F VEGNLRVEY	6763	>TP53-Y205F VEGNLRVEF	371	6392
>TP53-Y205F VEGNLRVEYL	278	>TP53-Y205F VEGNLRVEFL	87	191
>TP53-Y205F RVEGNLRVEY	18020	>TP53-Y205F RVEGNLRVEF	443	17577
>TP53-Y205F RVEGNLRVEY	224	>TP53-Y205F RVEGNLRVEF	8088	7864

>TP53-Y205F RVEGNLRVEY	810	>TP53-Y205F RVEGNLRVEF	65	745
>TP53-Y205F RVEGNLRVEY	301	>TP53-Y205F RVEGNLRVEF	241	60
>TP53-Y205F RVEGNLRVEY	400	>TP53-Y205F RVEGNLRVEF	457	57
>TP53-Y205F YLDDRNTF	187	>TP53-Y205F HLDDRNTF	3163	2976
>TP53-Y205F YLDDRNTFR†	333	>TP53-Y205F HLDDRNTFR†	6119	5786
>TP53-Y205F YLDDRNTF	149	>TP53-Y205F HLDDRNTF	5078	4929
>TP53-Y205F YLDDRNTFR†	155	>TP53-Y205F HLDDRNTFR†	4547	4392
>TP53-Y205F YLDDRNTF	367	>TP53-Y205F HLDDRNTF	4444	4077
>TP53-Y205F YLDDRNTF	87	>TP53-Y205F HLDDRNTF	2351	2264
>TP53-Y205F YLDDRNTFR	189	>TP53-Y205F HLDDRNTFR	4553	4364
>TP53-Y205F YLDDRNTFR†	187	>TP53-Y205F HLDDRNTFR†	4389	4202
>TP53-Y205F YLDDRNTFR†	171	>TP53-Y205F HLDDRNTFR†	4460	4289
>TP53-Y205F YLDDRNTFR	282	>TP53-Y205F HLDDRNTFR	56	226
>TP53-Y205F YLDDRNTFR	55	>TP53-Y205F HLDDRNTFR	33	22
>TP53-Y205F YLDDRNTFR	68	>TP53-Y205F HLDDRNTFR	95	27
>TP53-Y205F YLDDRNTF	255	>TP53-Y205F HLDDRNTF	704	449
>TP53-Y205F YLDDRNTFR	336	>TP53-Y205F HLDDRNTFR	104	232
>TP53-Y205F EYLDDRNTF	103	>TP53-Y205F EHLDDRNTF	6138	6035
>TP53-Y205F EYLDDRNTF	18	>TP53-Y205F EHLDDRNTF	5514	5496
>TP53-Y205F EYLDDRNTF	381	>TP53-Y205F EHLDDRNTF	10242	9861
>TP53-Y205F EYLDDRNTF	301	>TP53-Y205F EHLDDRNTF	6190	5889
>TP53-Y205F EYLDDRNTFR	328	>TP53-Y205F EHLDDRNTFF	2989	2661
>TP53-Y205F EYLDDRNTFR	88	>TP53-Y205F EHLDDRNTFF	2530	2442
>TP53-Y205F EYLDDRNTF	1873	>TP53-Y205F EHLDDRNTF	222	1651
>TP53-Y205F EYLDDRNTFR	19	>TP53-Y205F EHLDDRNTFF	240	221
>TP53-Y205F IRVEGNLRVE†	53	>TP53-Y205F IRVEGNLRVE†	1460	1407
>TP53-Y205F VEYLDDRNTF	124	>TP53-Y205F VEHLDDRNTF	448	324
>TP53-Y205F RVEYLDDR	433	>TP53-Y205F RVEHLDDR	702	269
>TP53-Y205F RVEYLDDRNT	40	>TP53-Y205F RVEHLDDRNT	73	33
>TP53-Y205F RVEYLDDRNT	78	>TP53-Y205F RVEHLDDRNT	111	33
>TP53-Y205F VEGNLRVEYL	312	>TP53-Y205F VEGNLRVEHL	1138	826
>TP53-Y205F VEGNLRVEY	67	>TP53-Y205F VEGNLRVEH	3880	3813
>TP53-Y205F VEGNLRVEYL	472	>TP53-Y205F VEGNLRVEHL	764	292
>TP53-Y205F VEGNLRVEY	338	>TP53-Y205F VEGNLRVEH	6839	6501
>TP53-Y205F VEGNLRVEYL	278	>TP53-Y205F VEGNLRVEHL	299	21
>TP53-Y205F RVEGNLRVEY	224	>TP53-Y205F RVEGNLRVE†	20718	20494
>TP53-Y205F RVEGNLRVEY	301	>TP53-Y205F RVEGNLRVE†	15813	15512
>TP53-Y205F RVEGNLRVEY	400	>TP53-Y205F RVEGNLRVE†	20718	20318
>TP53-Y205N YLDDRNTF	187	>TP53-Y205N NLDDRNTF	3158	2971
>TP53-Y205N YLDDRNTFR†	333	>TP53-Y205N NLDDRNTFR†	6518	6185
>TP53-Y205N YLDDRNTF	149	>TP53-Y205N NLDDRNTF	6738	6589
>TP53-Y205N YLDDRNTFR†	155	>TP53-Y205N NLDDRNTFR†	7208	7053
>TP53-Y205N YLDDRNTF	367	>TP53-Y205N NLDDRNTF	6728	6361

>TP53-Y205N YLDDRNTF	87	>TP53-Y205N NLDDRNTF	5990	5903
>TP53-Y205N YLDDRNTFR	189	>TP53-Y205N NLDDRNTFR	10031	9842
>TP53-Y205N YLDDRNTFRH	187	>TP53-Y205N NLDDRNTFRH	9806	9619
>TP53-Y205N YLDDRNTFRH	171	>TP53-Y205N NLDDRNTFRH	10104	9933
>TP53-Y205N YLDDRNTFR	282	>TP53-Y205N NLDDRNTFR	776	494
>TP53-Y205N YLDDRNTFR	55	>TP53-Y205N NLDDRNTFR	43	12
>TP53-Y205N YLDDRNTFR	68	>TP53-Y205N NLDDRNTFR	100	32
>TP53-Y205N YLDDRNTF	255	>TP53-Y205N NLDDRNTF	1257	1002
>TP53-Y205N YLDDRNTFR	336	>TP53-Y205N NLDDRNTFR	573	237
>TP53-Y205N EYLDDRNTF	103	>TP53-Y205N ENLDDRNTF	12958	12855
>TP53-Y205N EYLDDRNTF	18	>TP53-Y205N ENLDDRNTF	16568	16550
>TP53-Y205N EYLDDRNTF	381	>TP53-Y205N ENLDDRNTF	7223	6842
>TP53-Y205N EYLDDRNTF	301	>TP53-Y205N ENLDDRNTF	3071	2770
>TP53-Y205N EYLDDRNTFR	328	>TP53-Y205N ENLDDRNTFF	2853	2525
>TP53-Y205N EYLDDRNTFR	88	>TP53-Y205N ENLDDRNTFF	785	697
>TP53-Y205N EYLDDRNTFR	19	>TP53-Y205N ENLDDRNTFF	296	277
>TP53-Y205N IRVEGNLRVE	53	>TP53-Y205N IRVEGNLRVE	7566	7513
>TP53-Y205N VEYLDDRNTF	124	>TP53-Y205N VENLDDRNTF	719	595
>TP53-Y205N RVEYLDDR	433	>TP53-Y205N RVENLDDR	701	268
>TP53-Y205N RVEYLDDRNT	40	>TP53-Y205N RVENLDDRNT	60	20
>TP53-Y205N RVEYLDDRNT	78	>TP53-Y205N RVENLDDRNT	63	15
>TP53-Y205N VEGNLRVEYL	312	>TP53-Y205N VEGNLRVENL	895	583
>TP53-Y205N VEGNLRVEY	67	>TP53-Y205N VEGNLRVEN	10131	10064
>TP53-Y205N VEGNLRVEYL	472	>TP53-Y205N VEGNLRVENL	947	475
>TP53-Y205N VEGNLRVEY	338	>TP53-Y205N VEGNLRVEN	11694	11356
>TP53-Y205N VEGNLRVEYL	278	>TP53-Y205N VEGNLRVENL	308	30
>TP53-Y205N RVEGNLRVEY	224	>TP53-Y205N RVEGNLRVEN	27597	27373
>TP53-Y205N RVEGNLRVEY	1375	>TP53-Y205N RVEGNLRVEN	462	913
>TP53-Y205N RVEGNLRVEY	301	>TP53-Y205N RVEGNLRVEN	22078	21777
>TP53-Y205N RVEGNLRVEY	400	>TP53-Y205N RVEGNLRVEN	26907	26507
>TP53-Y205S YLDDRNTF	187	>TP53-Y205S SLDDRNTF	2043	1856
>TP53-Y205S YLDDRNTFRH	333	>TP53-Y205S SLDDRNTFRH	3860	3527
>TP53-Y205S YLDDRNTF	149	>TP53-Y205S SLDDRNTF	1366	1217
>TP53-Y205S YLDDRNTFRH	155	>TP53-Y205S SLDDRNTFRH	1296	1141
>TP53-Y205S YLDDRNTF	367	>TP53-Y205S SLDDRNTF	4475	4108
>TP53-Y205S YLDDRNTF	87	>TP53-Y205S SLDDRNTF	761	674
>TP53-Y205S YLDDRNTFR	189	>TP53-Y205S SLDDRNTFR	1751	1562
>TP53-Y205S YLDDRNTFRH	187	>TP53-Y205S SLDDRNTFRH	1529	1342
>TP53-Y205S YLDDRNTFRH	171	>TP53-Y205S SLDDRNTFRH	1876	1705
>TP53-Y205S YLDDRNTFR	282	>TP53-Y205S SLDDRNTFR	98	184
>TP53-Y205S YLDDRNTFR	55	>TP53-Y205S SLDDRNTFR	187	132
>TP53-Y205S YLDDRNTFR	68	>TP53-Y205S SLDDRNTFR	346	278
>TP53-Y205S YLDDRNTF	255	>TP53-Y205S SLDDRNTF	1180	925

>TP53-Y205S YLDDRNTFR	336	>TP53-Y205S SLDDRNTFR	430	94
>TP53-Y205S EYLDDRNTF	103	>TP53-Y205S ESLDDRNTF	8604	8501
>TP53-Y205S EYLDDRNTF	18	>TP53-Y205S ESLDDRNTF	9617	9599
>TP53-Y205S EYLDDRNTF	381	>TP53-Y205S ESLDDRNTF	293	88
>TP53-Y205S EYLDDRNTF	301	>TP53-Y205S ESLDDRNTF	34	267
>TP53-Y205S EYLDDRNTF	1315	>TP53-Y205S ESLDDRNTF	379	936
>TP53-Y205S EYLDDRNTFR	328	>TP53-Y205S ESLDDRNTFR	251	77
>TP53-Y205S EYLDDRNTFR	88	>TP53-Y205S ESLDDRNTFR	167	79
>TP53-Y205S EYLDDRNTFR	508	>TP53-Y205S ESLDDRNTFR	17	491
>TP53-Y205S EYLDDRNTF	1873	>TP53-Y205S ESLDDRNTF	211	1662
>TP53-Y205S EYLDDRNTF	25381	>TP53-Y205S ESLDDRNTF	190	25191
>TP53-Y205S EYLDDRNTF	10356	>TP53-Y205S ESLDDRNTF	458	9898
>TP53-Y205S EYLDDRNTFR	19	>TP53-Y205S ESLDDRNTFR	402	383
>TP53-Y205S IRVEGNLRVE'	53	>TP53-Y205S IRVEGNLRVE'	5290	5237
>TP53-Y205S VEYLDDRNTF	124	>TP53-Y205S VESLDDRNTF	761	637
>TP53-Y205S RVEYLDDR	433	>TP53-Y205S RVESLDDR	483	50
>TP53-Y205S RVEYLDDRNT	40	>TP53-Y205S RVESLDDRNT	101	61
>TP53-Y205S RVEYLDDRNT	78	>TP53-Y205S RVESLDDRNT	49	29
>TP53-Y205S VEGNLRVEYL	312	>TP53-Y205S VEGNLRVESL	396	84
>TP53-Y205S VEGNLRVEY	67	>TP53-Y205S VEGNLRVES	8857	8790
>TP53-Y205S VEGNLRVEYL	799	>TP53-Y205S VEGNLRVESL	339	460
>TP53-Y205S VEGNLRVEYL	472	>TP53-Y205S VEGNLRVESL	550	78
>TP53-Y205S VEGNLRVEY	338	>TP53-Y205S VEGNLRVES	10653	10315
>TP53-Y205S VEGNLRVEYL	278	>TP53-Y205S VEGNLRVESL	159	119
>TP53-Y205S RVEGNLRVEY	224	>TP53-Y205S RVEGNLRVES	25907	25683
>TP53-Y205S RVEGNLRVEY	1375	>TP53-Y205S RVEGNLRVES	157	1218
>TP53-Y205S RVEGNLRVEY	3230	>TP53-Y205S RVEGNLRVES	393	2837
>TP53-Y205S RVEGNLRVEY	301	>TP53-Y205S RVEGNLRVES	20978	20677
>TP53-Y205S RVEGNLRVEY	400	>TP53-Y205S RVEGNLRVES	24992	24592
>TP53-Y220C NTFRHSVVVF	128	>TP53-Y220C NTFRHSVVVF	21541	21413
>TP53-Y220C NTFRHSVVVF	97	>TP53-Y220C NTFRHSVVVF	16123	16026
>TP53-Y220C NTFRHSVVVF	123	>TP53-Y220C NTFRHSVVVF	24941	24818
>TP53-Y220C NTFRHSVVVF	82	>TP53-Y220C NTFRHSVVVF	23165	23083
>TP53-Y220C NTFRHSVVVF	61	>TP53-Y220C NTFRHSVVVF	588	527
>TP53-Y220C NTFRHSVVVF	34	>TP53-Y220C NTFRHSVVVF	6908	6874
>TP53-Y220C NTFRHSVVVF	1311	>TP53-Y220C NTFRHSVVVF	175	1136
>TP53-Y220C NTFRHSVVVF	65	>TP53-Y220C NTFRHSVVVF	12807	12742
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>TP53-Y220C NTFRHSVVVF	33	>TP53-Y220C NTFRHSVVVF	5941	5908
>TP53-Y220C NTFRHSVVVF	23	>TP53-Y220C NTFRHSVVVF	15545	15522
>TP53-Y220C NTFRHSVVVF	105	>TP53-Y220C NTFRHSVVVF	14707	14602
>TP53-Y220C NTFRHSVVVF	289	>TP53-Y220C NTFRHSVVVF	21447	21158
>TP53-Y220C NTFRHSVVVF	23	>TP53-Y220C NTFRHSVVVF	25540	25517

>TP53-Y220C VPYEPPEV	184	>TP53-Y220C VPCEPPEV	612	428
>TP53-Y220C VPYEPPEV	139	>TP53-Y220C VPCEPPEV	1821	1682
>TP53-Y220C VPYEPPEV	266	>TP53-Y220C VPCEPPEV	5130	4864
>TP53-Y220C VPYEPPEV	48	>TP53-Y220C VPCEPPEV	719	671
>TP53-Y220C VPYEPPEV	205	>TP53-Y220C VPCEPPEV	1944	1739
>TP53-Y220C VVPYEPPEV	662	>TP53-Y220C VVPCEPPEV	321	341
>TP53-Y220C VVPYEPPEV	507	>TP53-Y220C VVPCEPPEV	251	256
>TP53-Y220C VVPYEPPEV	214	>TP53-Y220C VVPCEPPEV	31	183
>TP53-Y220C VVPYEPPEV	329	>TP53-Y220C VVPCEPPEV	210	119
>TP53-Y220C VVPYEPPEV	56	>TP53-Y220C VVPCEPPEV	54	2
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>TP53-Y220C VVVPYEPPEV	136	>TP53-Y220C VVVPCEPPEV	144	8
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>TP53-Y220C VVVPYEPPEV	72	>TP53-Y220C VVVPCEPPEV	75	3
>TP53-Y220C VVVPYEPPEV	9	>TP53-Y220C VVVPCEPPEV	12	3
>TP53-Y220C VVVPYEPPEV	353	>TP53-Y220C VVVPCEPPEV	1033	680
>TP53-Y220C SVVVPYEPPE	75	>TP53-Y220C SVVVPCEPPE	72	3
>TP53-Y220C SVVVPYEPPE	92	>TP53-Y220C SVVVPCEPPE	157	65
>TP53-Y220C SVVVPYEPPE	129	>TP53-Y220C SVVVPCEPPE	210	81
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>TP53-Y220C SVVVPYEPPE	81	>TP53-Y220C SVVVPCEPPE	109	28
>TP53-Y220C SVVVPYEPPE	26	>TP53-Y220C SVVVPCEPPE	36	10
>TP53-Y220C RHSVVVPY	23	>TP53-Y220C RHSVVVPC	4644	4621
>TP53-Y220C RHSVVVPY	413	>TP53-Y220C RHSVVVPC	21630	21217
>TP53-Y220C FRHSVVVPY	4	>TP53-Y220C FRHSVVVPC	454	450
>TP53-Y220C FRHSVVVPY	33	>TP53-Y220C FRHSVVVPC	1307	1274
>TP53-Y220C FRHSVVVPY	1904	>TP53-Y220C FRHSVVVPC	410	1494
>TP53-Y220C TFRHSVVVPY	185	>TP53-Y220C TFRHSVVVPC	27949	27764
>TP53-Y220C TFRHSVVVPY	162	>TP53-Y220C TFRHSVVVPC	1918	1756
>TP53-Y220C TFRHSVVVPY	140	>TP53-Y220C TFRHSVVVPC	16969	16829
>TP53-Y220C TFRHSVVVPY	225	>TP53-Y220C TFRHSVVVPC	24728	24503
>TP53-Y220C TFRHSVVVPY	271	>TP53-Y220C TFRHSVVVPC	13999	13728
>TP53-Y220C NTFRHSVVVF	128	>TP53-Y220C NTFRHSVVVF	21801	21673
>TP53-Y220C NTFRHSVVVF	97	>TP53-Y220C NTFRHSVVVF	21275	21178
>TP53-Y220C NTFRHSVVVF	123	>TP53-Y220C NTFRHSVVVF	30848	30725
>TP53-Y220C NTFRHSVVVF	82	>TP53-Y220C NTFRHSVVVF	24535	24453
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>TP53-Y220C NTFRHSVVVF	34	>TP53-Y220C NTFRHSVVVF	4558	4524
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>TP53-Y220C NTFRHSVVVF	492	>TP53-Y220C NTFRHSVVVF	33840	33348
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>TP53-Y220C NTFRHSVVVF	23	>TP53-Y220C NTFRHSVVVF	19811	19788
>TP53-Y220C NTFRHSVVVF	105	>TP53-Y220C NTFRHSVVVF	19817	19712

>TP53-Y220C NTFRHSVVVF	289	>TP53-Y220C NTFRHSVVVF	26433	26144
>TP53-Y220C NTFRHSVVVF	23	>TP53-Y220C NTFRHSVVVF	24494	24471
>TP53-Y220C VPYEPPEV	184	>TP53-Y220C VPDEPPEV	3024	2840
>TP53-Y220C VPYEPPEV	139	>TP53-Y220C VPDEPPEV	773	634
>TP53-Y220C VPYEPPEV	266	>TP53-Y220C VPDEPPEV	640	374
>TP53-Y220C VPYEPPEV	48	>TP53-Y220C VPDEPPEV	561	513
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>TP53-Y220S TFRHSVVVPY	185	>TP53-Y220S TFRHSVVVPS	27289	27104
>TP53-Y220S TFRHSVVVPY	162	>TP53-Y220S TFRHSVVVPS	420	258
>TP53-Y220S TFRHSVVVPY	140	>TP53-Y220S TFRHSVVVPS	15849	15709
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>TP53-Y234C EVGSDCTTIH'	387	>TP53-Y234C EVGSDCTTIH'	23766	23379
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>TP53-Y234C CTTIHNYMC	184	>TP53-Y234C CTTIHDNYMC	1163	979
>TP53-Y234C CTTIHNY	68	>TP53-Y234C CTTIHDNY	254	186
>TP53-Y234C CTTIHNYM	405	>TP53-Y234C CTTIHDNYM	651	246
>TP53-Y234C DCTTIHNY	521	>TP53-Y234C DCTTIHDNY	440	81
>TP53-Y234C DCTTIHNY	287	>TP53-Y234C DCTTIHDNY	4209	3922
>TP53-Y234C SDCTTIHNY	400	>TP53-Y234C SDCTTIHDNY	4065	3665
>TP53-Y234C GSDCTTIHY	18	>TP53-Y234C GSDCTTIHD	17106	17088
>TP53-Y234C GSDCTTIHYN	34	>TP53-Y234C GSDCTTIHDN	40	6
>TP53-Y234C GSDCTTIHYN	174	>TP53-Y234C GSDCTTIHDN	1251	1077
>TP53-Y234C GSDCTTIHY	68	>TP53-Y234C GSDCTTIHD	22574	22506
>TP53-Y234C GSDCTTIHYN	99	>TP53-Y234C GSDCTTIHDN	267	168
>TP53-Y234C GSDCTTIHYN	247	>TP53-Y234C GSDCTTIHDN	196	51
>TP53-Y234C GSDCTTIHY	242	>TP53-Y234C GSDCTTIHD	36792	36550
>TP53-Y234C GSDCTTIHYN	97	>TP53-Y234C GSDCTTIHDN	438	341
>TP53-Y234C VGSDCTTIHY	353	>TP53-Y234C VGSDCTTIHD	35030	34677
>TP53-Y234C VGSDCTTIHY	184	>TP53-Y234C VGSDCTTIHD	30176	29992
>TP53-Y234C VGSDCTTIHY	377	>TP53-Y234C VGSDCTTIHD	22019	21642
>TP53-Y234C VGSDCTTIHY	449	>TP53-Y234C VGSDCTTIHD	29432	28983

>TP53-Y234F YNYMCNSSCI	429	>TP53-Y234F FNYMCNSSCI	740	311
>TP53-Y234F YNYMCNSSCI	31	>TP53-Y234F FNYMCNSSCI	38	7
>TP53-Y234F HNYMCNSS	70	>TP53-Y234F HFNYMCNSS	3837	3767
>TP53-Y234F EVGSDCTTIH'	11	>TP53-Y234F EVGSDCTTIH	21	10
>TP53-Y234F EVGSDCTTIH'	75	>TP53-Y234F EVGSDCTTIH	474	399
>TP53-Y234F EVGSDCTTIH'	387	>TP53-Y234F EVGSDCTTIH	7436	7049
>TP53-Y234F EVGSDCTTIH'	326	>TP53-Y234F EVGSDCTTIH	14797	14471
>TP53-Y234F IHNYMCNSS	575	>TP53-Y234F IHFNYMCNSS	488	87
>TP53-Y234F TTIHYNM	46	>TP53-Y234F TTIHFNYM	50	4
>TP53-Y234F TTIHYNM	1118	>TP53-Y234F TTIHFNYM	492	626
>TP53-Y234F TTIHYNM	46	>TP53-Y234F TTIHFNYM	50	4
>TP53-Y234F TTIHYNM	5	>TP53-Y234F TTIHFNYM	5	0
>TP53-Y234F TTIHYNM	135	>TP53-Y234F TTIHFNYM	44	91
>TP53-Y234F TTIHYNM	17	>TP53-Y234F TTIHFNYM	12	5
>TP53-Y234F TTIHYNMCM	120	>TP53-Y234F TTIHFNYMCM	67	53
>TP53-Y234F TTIHYNMCM	102	>TP53-Y234F TTIHFNYMCM	69	33
>TP53-Y234F TTIHYNM	69	>TP53-Y234F TTIHFNYM	42	27
>TP53-Y234F TTIHYNM	61	>TP53-Y234F TTIHFNYM	110	49
>TP53-Y234F TTIHYNM	260	>TP53-Y234F TTIHFNYM	74	186
>TP53-Y234F CTTIHYNM	116	>TP53-Y234F CTTIHFNYM	211	95
>TP53-Y234F CTTIHYNM	117	>TP53-Y234F CTTIHFNY	67	50
>TP53-Y234F CTTIHYNM	161	>TP53-Y234F CTTIHFNY	232	71
>TP53-Y234F CTTIHYNM	207	>TP53-Y234F CTTIHFNYM	97	110
>TP53-Y234F CTTIHYNM	35	>TP53-Y234F CTTIHFNY	30	5
>TP53-Y234F CTTIHYNM	130	>TP53-Y234F CTTIHFNY	141	11
>TP53-Y234F CTTIHYNM	355	>TP53-Y234F CTTIHFNY	141	214
>TP53-Y234F CTTIHYNM	50	>TP53-Y234F CTTIHFNY	36	14
>TP53-Y234F CTTIHYNM	11	>TP53-Y234F CTTIHFNYM	5	6
>TP53-Y234F CTTIHYNMCM	184	>TP53-Y234F CTTIHFNYMCM	80	104
>TP53-Y234F CTTIHYNM	999	>TP53-Y234F CTTIHFNYM	463	536
>TP53-Y234F CTTIHYNM	68	>TP53-Y234F CTTIHFNY	103	35
>TP53-Y234F CTTIHYNM	405	>TP53-Y234F CTTIHFNYM	533	128
>TP53-Y234F DCTTIHYNM	287	>TP53-Y234F DCTTIHFNY	373	86
>TP53-Y234F DCTTIHYNM	902	>TP53-Y234F DCTTIHFNY	435	467
>TP53-Y234F SDCTTIHYNM	400	>TP53-Y234F SDCTTIHFNY	447	47
>TP53-Y234F GSDCTTIHY	18	>TP53-Y234F GSDCTTIHF	1973	1955
>TP53-Y234F GSDCTTIHYN	34	>TP53-Y234F GSDCTTIHFN	28	6
>TP53-Y234F GSDCTTIHYN	174	>TP53-Y234F GSDCTTIHFN	188	14
>TP53-Y234F GSDCTTIHY	68	>TP53-Y234F GSDCTTIHF	51	17
>TP53-Y234F GSDCTTIHYN	99	>TP53-Y234F GSDCTTIHFN	55	44
>TP53-Y234F GSDCTTIHYN	247	>TP53-Y234F GSDCTTIHFN	207	40
>TP53-Y234F GSDCTTIHY	242	>TP53-Y234F GSDCTTIHF	12363	12121
>TP53-Y234F GSDCTTIHYN	97	>TP53-Y234F GSDCTTIHFN	97	0

>TP53-Y234F VGSDCTTIHY	353	>TP53-Y234F VGSDCTTIHF	6432	6079
>TP53-Y234F VGSDCTTIHY	184	>TP53-Y234F VGSDCTTIHF	1369	1185
>TP53-Y234F VGSDCTTIHY	377	>TP53-Y234F VGSDCTTIHF	544	167
>TP53-Y234F VGSDCTTIHY	449	>TP53-Y234F VGSDCTTIHF	588	139
>TP53-Y234F YNYMCNSSCI	429	>TP53-Y234F HNYMCNSSC	1713	1284
>TP53-Y234F YNYMCNSSCI	31	>TP53-Y234F HNYMCNSSC	124	93
>TP53-Y234F HNYMCNSS	70	>TP53-Y234F HHNYMCNSS	8203	8133
>TP53-Y234F HNYMCNSS	3354	>TP53-Y234F HHNYMCNSS	386	2968
>TP53-Y234F HNYMCNSS	7959	>TP53-Y234F HHNYMCNSS	177	7782
>TP53-Y234F EVGSDCTTIH'	11	>TP53-Y234F EVGSDCTTIH	889	878
>TP53-Y234F EVGSDCTTIH'	75	>TP53-Y234F EVGSDCTTIH	2767	2692
>TP53-Y234F EVGSDCTTIH'	387	>TP53-Y234F EVGSDCTTIH	12763	12376
>TP53-Y234F EVGSDCTTIH'	326	>TP53-Y234F EVGSDCTTIH	16379	16053
>TP53-Y234F TTIHNYM	46	>TP53-Y234F TTIHHNYM	1440	1394
>TP53-Y234F TTIHNYM	46	>TP53-Y234F TTIHHNYM	56	10
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>TP53-Y234F TTIHNYM	17	>TP53-Y234F TTIHHNYM	26	9
>TP53-Y234F TTIHNYMC	120	>TP53-Y234F TTIHHNYMC	240	120
>TP53-Y234F TTIHNYMCI	102	>TP53-Y234F TTIHHNYMCI	150	48
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>TP53-Y234F TTIHNYM	260	>TP53-Y234F TTIHHNYM	287	27
>TP53-Y234F CTTIHNYM	116	>TP53-Y234F CTTIHHNYM	575	459
>TP53-Y234F CTTIHNY	117	>TP53-Y234F CTTIHHNY	73	44
>TP53-Y234F CTTIHNY	161	>TP53-Y234F CTTIHHNY	96	65
>TP53-Y234F CTTIHNYM	207	>TP53-Y234F CTTIHHNYM	122	85
>TP53-Y234F CTTIHNY	35	>TP53-Y234F CTTIHHNY	45	10
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>TP53-Y234F CTTIHNY	355	>TP53-Y234F CTTIHHNY	228	127
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>TP53-Y234F CTTIHNYM	11	>TP53-Y234F CTTIHHNYM	6	5
>TP53-Y234F CTTIHNYMC	184	>TP53-Y234F CTTIHHNYMC	143	41
>TP53-Y234F CTTIHNYM	999	>TP53-Y234F CTTIHHNYM	493	506
>TP53-Y234F CTTIHNY	68	>TP53-Y234F CTTIHHNY	115	47
>TP53-Y234F CTTIHNYM	405	>TP53-Y234F CTTIHHNYM	700	295
>TP53-Y234F DCTTIHNY	521	>TP53-Y234F DCTTIHHNY	278	243
>TP53-Y234F DCTTIHNYM	585	>TP53-Y234F DCTTIHHNYM	457	128
>TP53-Y234F DCTTIHNY	287	>TP53-Y234F DCTTIHHNY	754	467
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>TP53-Y234F GSDCTTIHY	18	>TP53-Y234F GSDCTTIHH	6930	6912
>TP53-Y234F GSDCTTIHYN	34	>TP53-Y234F GSDCTTIHHN	26	8

>TP53-Y234F GSDCTTIHYN	174	>TP53-Y234F GSDCTTIHHN	329	155
>TP53-Y234F GSDCTTIHYN	582	>TP53-Y234F GSDCTTIHHN	409	173
>TP53-Y234F GSDCTTIHY	68	>TP53-Y234F GSDCTTIHH	11814	11746
>TP53-Y234F GSDCTTIHYN	99	>TP53-Y234F GSDCTTIHHN	70	29
>TP53-Y234F GSDCTTIHYN	247	>TP53-Y234F GSDCTTIHHN	205	42
>TP53-Y234F GSDCTTIHY	242	>TP53-Y234F GSDCTTIHH	19762	19520
>TP53-Y234F GSDCTTIHYN	97	>TP53-Y234F GSDCTTIHHN	197	100
>TP53-Y234F VGSDCTTIHY	353	>TP53-Y234F VGSDCTTIHH	24773	24420
>TP53-Y234F VGSDCTTIHY	184	>TP53-Y234F VGSDCTTIHH	17959	17775
>TP53-Y234F VGSDCTTIHY	377	>TP53-Y234F VGSDCTTIHH	13898	13521
>TP53-Y234F VGSDCTTIHY	449	>TP53-Y234F VGSDCTTIHH	23471	23022
>TP53-Y234M NYNYMCNSSC	429	>TP53-Y234M NNYMCNSSC	4211	3782
>TP53-Y234M NYNYMCNSSC	31	>TP53-Y234M NNYMCNSSC	570	539
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>TP53-Y234M EVGSDCTTIH'	11	>TP53-Y234M EVGSDCTTIH'	8933	8922
>TP53-Y234M EVGSDCTTIH'	75	>TP53-Y234M EVGSDCTTIH'	18417	18342
>TP53-Y234M EVGSDCTTIH'	387	>TP53-Y234M EVGSDCTTIH'	21956	21569
>TP53-Y234M EVGSDCTTIH'	326	>TP53-Y234M EVGSDCTTIH'	26021	25695
>TP53-Y234M TTIHNYM	46	>TP53-Y234M TTIHNNYM	11976	11930
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>TP53-Y234M TTIHNYM	5	>TP53-Y234M TTIHNNYM	5	0
>TP53-Y234M TTIHNYM	135	>TP53-Y234M TTIHNNYM	142	7
>TP53-Y234M TTIHNYM	17	>TP53-Y234M TTIHNNYM	17	0
>TP53-Y234M TTIHNYMC	120	>TP53-Y234M TTIHNNYMC	129	9
>TP53-Y234M TTIHNYMCI	102	>TP53-Y234M TTIHNNYMC	101	1
>TP53-Y234M TTIHNYM	69	>TP53-Y234M TTIHNNYM	141	72
>TP53-Y234M TTIHNYM	61	>TP53-Y234M TTIHNNYM	74	13
>TP53-Y234M TTIHNYM	260	>TP53-Y234M TTIHNNYM	157	103
>TP53-Y234M CTTIHNYM	116	>TP53-Y234M CTTIHNNYM	2295	2179
>TP53-Y234M CTTIHNY	117	>TP53-Y234M CTTIHNNY	97	20
>TP53-Y234M CTTIHNY	161	>TP53-Y234M CTTIHNNY	182	21
>TP53-Y234M CTTIHNYM	207	>TP53-Y234M CTTIHNNYM	233	26
>TP53-Y234M CTTIHNY	35	>TP53-Y234M CTTIHNNY	167	132
>TP53-Y234M CTTIHNY	130	>TP53-Y234M CTTIHNNY	151	21
>TP53-Y234M CTTIHNY	355	>TP53-Y234M CTTIHNNY	889	534
>TP53-Y234M CTTIHNY	50	>TP53-Y234M CTTIHNNY	101	51
>TP53-Y234M CTTIHNYM	11	>TP53-Y234M CTTIHNNYM	12	1
>TP53-Y234M CTTIHNYMC	184	>TP53-Y234M CTTIHNNYMC	387	203
>TP53-Y234M CTTIHNY	4345	>TP53-Y234M CTTIHNNY	241	4104
>TP53-Y234M CTTIHNY	68	>TP53-Y234M CTTIHNNY	200	132
>TP53-Y234M CTTIHNYM	405	>TP53-Y234M CTTIHNNYM	649	244
>TP53-Y234M DCTTIHNY	521	>TP53-Y234M DCTTIHNNY	499	22
>TP53-Y234M DCTTIHNY	287	>TP53-Y234M DCTTIHNNY	2798	2511

>TP53-Y234N SDCTTIHNY	400	>TP53-Y234N SDCTTIHNNY	2699	2299
>TP53-Y234N GSDCTTIHY	18	>TP53-Y234N GSDCTTIHN	14007	13989
>TP53-Y234N GSDCTTIHYN	34	>TP53-Y234N GSDCTTIHNN	35	1
>TP53-Y234N GSDCTTIHYN	174	>TP53-Y234N GSDCTTIHNN	845	671
>TP53-Y234N GSDCTTIHY	68	>TP53-Y234N GSDCTTIHN	19929	19861
>TP53-Y234N GSDCTTIHYN	99	>TP53-Y234N GSDCTTIHNN	215	116
>TP53-Y234N GSDCTTIHYN	247	>TP53-Y234N GSDCTTIHNN	106	141
>TP53-Y234N GSDCTTIHY	242	>TP53-Y234N GSDCTTIHN	34479	34237
>TP53-Y234N GSDCTTIHYN	97	>TP53-Y234N GSDCTTIHNN	292	195
>TP53-Y234N VGSDCTTIHY	353	>TP53-Y234N VGSDCTTIHN	33404	33051
>TP53-Y234N VGSDCTTIHY	184	>TP53-Y234N VGSDCTTIHN	28899	28715
>TP53-Y234N VGSDCTTIHY	377	>TP53-Y234N VGSDCTTIHN	20326	19949
>TP53-Y234N VGSDCTTIHY	449	>TP53-Y234N VGSDCTTIHN	28617	28168
>TP53-Y234S YNYMCNSSCI	429	>TP53-Y234S SNYMCNSSCI	1384	955
>TP53-Y234S YNYMCNSSCI	31	>TP53-Y234S SNYMCNSSCI	138	107
>TP53-Y234S HNYMCNSS	70	>TP53-Y234S HSNYMCNSS	21220	21150
>TP53-Y234S HNYMCNSS	3354	>TP53-Y234S HSNYMCNSS	384	2970
>TP53-Y234S HNYMCNSS	25031	>TP53-Y234S HSNYMCNSS	247	24784
>TP53-Y234S HNYMCNSS	2829	>TP53-Y234S HSNYMCNSS	371	2458
>TP53-Y234S HNYMCNSS	2416	>TP53-Y234S HSNYMCNSS	43	2373
>TP53-Y234S EVGSDCTTIH'	11	>TP53-Y234S EVGSDCTTIH'	6324	6313
>TP53-Y234S EVGSDCTTIH'	75	>TP53-Y234S EVGSDCTTIH'	15573	15498
>TP53-Y234S EVGSDCTTIH'	387	>TP53-Y234S EVGSDCTTIH'	22285	21898
>TP53-Y234S EVGSDCTTIH'	326	>TP53-Y234S EVGSDCTTIH'	26101	25775
>TP53-Y234S TTIHYNYM	46	>TP53-Y234S TTIHSNYM	10520	10474
>TP53-Y234S TTIHYNYM	46	>TP53-Y234S TTIHSNYM	59	13
>TP53-Y234S TTIHYNYM	5	>TP53-Y234S TTIHSNYM	5	0
>TP53-Y234S TTIHYNYM	135	>TP53-Y234S TTIHSNYM	108	27
>TP53-Y234S TTIHYNYM	17	>TP53-Y234S TTIHSNYM	18	1
>TP53-Y234S TTIHYNYMC	120	>TP53-Y234S TTIHSNYMC	131	11
>TP53-Y234S TTIHYNYMCN	102	>TP53-Y234S TTIHSNYMCN	107	5
>TP53-Y234S TTIHYNYM	69	>TP53-Y234S TTIHSNYM	130	61
>TP53-Y234S TTIHYNYM	61	>TP53-Y234S TTIHSNYM	20	41
>TP53-Y234S TTIHYNYM	1634	>TP53-Y234S TTIHSNYM	170	1464
>TP53-Y234S TTIHYNYM	260	>TP53-Y234S TTIHSNYM	62	198
>TP53-Y234S CTTIHYNYM	116	>TP53-Y234S CTTIHSNYM	989	873
>TP53-Y234S CTTIHYN	117	>TP53-Y234S CTTIHSNY	183	66
>TP53-Y234S CTTIHYN	161	>TP53-Y234S CTTIHSNY	152	9
>TP53-Y234S CTTIHYNYM	207	>TP53-Y234S CTTIHSNYM	450	243
>TP53-Y234S CTTIHYN	35	>TP53-Y234S CTTIHSNY	108	73
>TP53-Y234S CTTIHYN	130	>TP53-Y234S CTTIHSNY	150	20
>TP53-Y234S CTTIHYN	355	>TP53-Y234S CTTIHSNY	507	152
>TP53-Y234S CTTIHYN	50	>TP53-Y234S CTTIHSNY	19	31

>TP53-Y234S CTTIHYNYM	1487	>TP53-Y234S CTTIHSNYM	295	1192
>TP53-Y234S CTTIHYNYM	11	>TP53-Y234S CTTIHSNYM	9	2
>TP53-Y234S CTTIHYNMYC	184	>TP53-Y234S CTTIHSNYMC	191	7
>TP53-Y234S CTTIHYN	68	>TP53-Y234S CTTIHSNY	172	104
>TP53-Y234S CTTIHYNYM	405	>TP53-Y234S CTTIHSNYM	454	49
>TP53-Y234S DCTTIHYN	521	>TP53-Y234S DCTTIHSNY	291	230
>TP53-Y234S DCTTIHYN	287	>TP53-Y234S DCTTIHSNY	2337	2050
>TP53-Y234S DCTTIHYN	6665	>TP53-Y234S DCTTIHSNY	249	6416
>TP53-Y234S SDCTTIHYN	400	>TP53-Y234S SDCTTIHSNY	1654	1254
>TP53-Y234S GSDCTTIH	18	>TP53-Y234S GSDCTTIHS	11035	11017
>TP53-Y234S GSDCTTIHYN	34	>TP53-Y234S GSDCTTIHSN	53	19
>TP53-Y234S GSDCTTIHYN	174	>TP53-Y234S GSDCTTIHSN	697	523
>TP53-Y234S GSDCTTIH	68	>TP53-Y234S GSDCTTIHS	19119	19051
>TP53-Y234S GSDCTTIHYN	99	>TP53-Y234S GSDCTTIHSN	53	46
>TP53-Y234S GSDCTTIHYN	247	>TP53-Y234S GSDCTTIHSN	26	221
>TP53-Y234S GSDCTTIH	242	>TP53-Y234S GSDCTTIHS	35604	35362
>TP53-Y234S GSDCTTIHYN	97	>TP53-Y234S GSDCTTIHSN	289	192
>TP53-Y234S VGSDCTTIH	353	>TP53-Y234S VGSDCTTIHS	32222	31869
>TP53-Y234S VGSDCTTIH	184	>TP53-Y234S VGSDCTTIHS	26961	26777
>TP53-Y234S VGSDCTTIH	377	>TP53-Y234S VGSDCTTIHS	19248	18871
>TP53-Y234S VGSDCTTIH	449	>TP53-Y234S VGSDCTTIHS	26561	26112
>TP53-Y236C YMCNSSCM	262	>TP53-Y236C CMCNSSCM	8559	8297
>TP53-Y236C YMCNSSCMC	252	>TP53-Y236C CMCNSSCMC	6416	6164
>TP53-Y236C YMCNSSCM	205	>TP53-Y236C CMCNSSCM	4088	3883
>TP53-Y236C YMCNSSCMC	167	>TP53-Y236C CMCNSSCMC	3507	3340
>TP53-Y236C YMCNSSCM	283	>TP53-Y236C CMCNSSCM	4622	4339
>TP53-Y236C YMCNSSCMC	41	>TP53-Y236C CMCNSSCMC	1332	1291
>TP53-Y236C YMCNSSCMC	143	>TP53-Y236C CMCNSSCMC	7280	7137
>TP53-Y236C YMCNSSCM	24	>TP53-Y236C CMCNSSCM	1688	1664
>TP53-Y236C YMCNSSCMC	92	>TP53-Y236C CMCNSSCMC	6751	6659
>TP53-Y236C YMCNSSCMC	399	>TP53-Y236C CMCNSSCMC	12342	11943
>TP53-Y236C YMCNSSCMC	16	>TP53-Y236C CMCNSSCMC	1124	1108
>TP53-Y236C YMCNSSCM	92	>TP53-Y236C CMCNSSCM	4276	4184
>TP53-Y236C YMCNSSCMC	197	>TP53-Y236C CMCNSSCMC	6256	6059
>TP53-Y236C YMCNSSCM	150	>TP53-Y236C CMCNSSCM	9035	8885
>TP53-Y236C YMCNSSCMC	421	>TP53-Y236C CMCNSSCMC	10334	9913
>TP53-Y236C YMCNSSCM	67	>TP53-Y236C CMCNSSCM	3439	3372
>TP53-Y236C YMCNSSCMC	332	>TP53-Y236C CMCNSSCMC	6312	5980
>TP53-Y236C YMCNSSCM	33	>TP53-Y236C CMCNSSCM	3895	3862
>TP53-Y236C YMCNSSCMC	53	>TP53-Y236C CMCNSSCMC	4963	4910
>TP53-Y236C YMCNSSCM	33	>TP53-Y236C CMCNSSCM	215	182
>TP53-Y236C YMCNSSCMC	127	>TP53-Y236C CMCNSSCMC	1496	1369
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>TP53-Y236C YMCNSSCMC	44	>TP53-Y236C CMCNSSCMC	352	308
>TP53-Y236C YMCNSSCM	98	>TP53-Y236C CMCNSSCM	3012	2914
>TP53-Y236C YMCNSSCMC	145	>TP53-Y236C CMCNSSCMC	3553	3408
>TP53-Y236C YMCNSSCM	20	>TP53-Y236C CMCNSSCM	101	81
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>TP53-Y236C YMCNSSCMC	294	>TP53-Y236C CMCNSSCMC	3805	3511
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>TP53-Y236C YMCNSSCM	346	>TP53-Y236C CMCNSSCM	6959	6613
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>TP53-Y236C GSDCTTIHYN	34	>TP53-Y236C GSDCTTIHYN	16479	16445
>TP53-Y236C GSDCTTIHYN	174	>TP53-Y236C GSDCTTIHYN	23189	23015
>TP53-Y236C GSDCTTIHYN	99	>TP53-Y236C GSDCTTIHYN	19351	19252
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>TP53-Y236C GSDCTTIHYN	97	>TP53-Y236C GSDCTTIHYN	35227	35130
>TP53-Y236C YNYMCNSSC	429	>TP53-Y236C YNCMCNSSC	1093	664
>TP53-Y236C YNYMCNSSC	31	>TP53-Y236C YNCMCNSSC	457	426
>TP53-Y236C HNYMCNSS	919	>TP53-Y236C HNCMCNSS	326	593
>TP53-Y236C HNYMCNSS	70	>TP53-Y236C HNCMCNSS	37	33
>TP53-Y236C TTIHYNM	46	>TP53-Y236C TTIHYNM	396	350
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>TP53-Y236C TTIHYNM	135	>TP53-Y236C TTIHYNM	187	52
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>TP53-Y236C TTIHYNMC	120	>TP53-Y236C TTIHYNMC	1609	1489
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>TP53-Y236C CTTIHYNMC	184	>TP53-Y236C CTTIHYNMC	1349	1165
>TP53-Y236C CTTIHYN	68	>TP53-Y236C CTTIHYN	34263	34195
>TP53-Y236C CTTIHYNM	405	>TP53-Y236C CTTIHYNM	537	132
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>TP53-Y236L YMCNSSCMC	143	>TP53-Y236L DMCNSSCMC	20650	20507
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>TP53-Y236L YMCNSSCM	92	>TP53-Y236L DMCNSSCM	11835	11743
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>TP53-Y236L YMCNSSCM	346	>TP53-Y236L DMCNSSCM	10162	9816
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>TP53-Y236L YNYMCNSSCI	429	>TP53-Y236L YNDMCNSSC	10398	9969
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>TP53-Y236L CTTIHYNM	116	>TP53-Y236L CTTIHYNM	301	185
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>TP53-Y236L CTTIHYNMC	184	>TP53-Y236L CTTIHYNMC	1131	947
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>TP53-Y236L CTTIHYNM	405	>TP53-Y236L CTTIHYNM	957	552
>TP53-Y236L DCTTIHYN	287	>TP53-Y236L DCTTIHYN	25220	24933
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>TP53-Y236F YMCNSSCM	262	>TP53-Y236F YMCNSSCM	8177	7915
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>TP53-Y236F YMCNSSCMC	399	>TP53-Y236F YMCNSSCMC	8130	7731
>TP53-Y236F YMCNSSCMC	16	>TP53-Y236F YMCNSSCMC	510	494
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>TP53-Y236F YMCNSSCMC	421	>TP53-Y236F YMCNSSCMC	5294	4873
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>TP53-Y236F YMCNSSCMC	292	>TP53-Y236F YMCNSSCMC	906	614
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>TP53-Y236F YMCNSSCM	20	>TP53-Y236F HMCNSSCM	59	39
>TP53-Y236F YMCNSSCMC	160	>TP53-Y236F HMCNSSCMC	607	447
>TP53-Y236F YMCNSSCMC	294	>TP53-Y236F HMCNSSCMC	569	275
>TP53-Y236F YMCNSSCM	310	>TP53-Y236F HMCNSSCM	615	305
>TP53-Y236F YMCNSSCM	346	>TP53-Y236F HMCNSSCM	451	105
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>TP53-Y236F NYMCNSSCN	1697	>TP53-Y236F NHMCNSSCN	164	1533
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>TP53-Y236F GSDCTTIHYN	34	>TP53-Y236F GSDCTTIHYN	9955	9921
>TP53-Y236F GSDCTTIHYN	174	>TP53-Y236F GSDCTTIHYN	11821	11647
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>TP53-Y236F GSDCTTIHYN	247	>TP53-Y236F GSDCTTIHYN	4467	4220
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>TP53-Y236F TTIHYNM	17	>TP53-Y236F TTIHYNM	39	22
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>TP53-Y236F TTIHYNMCM	102	>TP53-Y236F TTIHYNHMC	167	65
>TP53-Y236F TTIHYNM	69	>TP53-Y236F TTIHYNM	222	153
>TP53-Y236F TTIHYNM	61	>TP53-Y236F TTIHYNM	66	5
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>TP53-Y236F CTTIHYNM	116	>TP53-Y236F CTTIHYNM	59	57
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>TP53-Y236F CTTIHYN	355	>TP53-Y236F CTTIHYN	16022	15667
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>TP53-Y236F CTTIHYNM	11	>TP53-Y236F CTTIHYNM	45	34
>TP53-Y236F CTTIHYNMCM	184	>TP53-Y236F CTTIHYNMCM	277	93
>TP53-Y236F CTTIHYN	68	>TP53-Y236F CTTIHYN	6187	6119
>TP53-Y236F CTTIHYNM	405	>TP53-Y236F CTTIHYNM	216	189
>TP53-Y236F DCTTIHYN	287	>TP53-Y236F DCTTIHYN	14059	13772
>TP53-Y236F SDCTTIHYN	400	>TP53-Y236F SDCTTIHYN	24670	24270
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>TP53-Y236N YMCNSSCMC	252	>TP53-Y236N NMCNSSCMC	7142	6890
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>TP53-Y236N YMCNSSCMC	16	>TP53-Y236N NMCNSSCMC	830	814
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>TP53-Y236N YMCNSSCMC	197	>TP53-Y236N NMCNSSCMC	4224	4027
>TP53-Y236N YMCNSSCM	150	>TP53-Y236N NMCNSSCM	7288	7138
>TP53-Y236N YMCNSSCMC	421	>TP53-Y236N NMCNSSCMC	8658	8237
>TP53-Y236N YMCNSSCM	67	>TP53-Y236N NMCNSSCM	2659	2592
>TP53-Y236N YMCNSSCMC	332	>TP53-Y236N NMCNSSCMC	5391	5059
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>TP53-Y236N YMCNSSCMC	53	>TP53-Y236N NMCNSSCMC	5573	5520
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>TP53-Y236N YMCNSSCMC	44	>TP53-Y236N NMCNSSCMC	226	182
>TP53-Y236N YMCNSSCM	98	>TP53-Y236N NMCNSSCM	416	318
>TP53-Y236N YMCNSSCMC	145	>TP53-Y236N NMCNSSCMC	563	418
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>TP53-Y236N YMCNSSCMC	160	>TP53-Y236N NMCNSSCMC	1814	1654
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>TP53-Y236N YMCNSSCM	310	>TP53-Y236N NMCNSSCM	1649	1339
>TP53-Y236N YMCNSSCM	346	>TP53-Y236N NMCNSSCM	1241	895
>TP53-Y236N NYMCNSSCN	726	>TP53-Y236N NNYMCNSSCN	208	518
>TP53-Y236N NYMCNSSCN	53	>TP53-Y236N NNYMCNSSCN	19731	19678
>TP53-Y236N GSDCTTIHYN	34	>TP53-Y236N GSDCTTIHYN	16731	16697
>TP53-Y236N GSDCTTIHYN	174	>TP53-Y236N GSDCTTIHYN	21283	21109
>TP53-Y236N GSDCTTIHYN	99	>TP53-Y236N GSDCTTIHYN	19572	19473
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>TP53-Y236N GSDCTTIHYN	97	>TP53-Y236N GSDCTTIHYN	29353	29256
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>TP53-Y236N YNYMCNSSCI	31	>TP53-Y236N YNNMCNSSCI	220	189
>TP53-Y236N HNYMCNSS	919	>TP53-Y236N HNNMCNSS	425	494
>TP53-Y236N HNYMCNSS	70	>TP53-Y236N HNNMCNSS	44	26
>TP53-Y236N TTIHYNM	46	>TP53-Y236N TTIHYNM	22	24
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>TP53-Y236N C TTIHYNM	116	>TP53-Y236N C TTIHYNM	147	31
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>TP53-Y236N C TTIHYN	161	>TP53-Y236N C TTIHYN	29999	29838
>TP53-Y236N C TTIHYNM	207	>TP53-Y236N C TTIHYNM	345	138
>TP53-Y236N C TTIHYN	35	>TP53-Y236N C TTIHYN	17243	17208
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>TP53-Y236N S D C TTIHYN	400	>TP53-Y236N S D C TTIHYN	32269	31869
>TP53-Y236S YMCNSSCM	262	>TP53-Y236S YMCNSSCM	3111	2849
>TP53-Y236S YMCNSSCM C	252	>TP53-Y236S YMCNSSCM C	2400	2148
>TP53-Y236S YMCNSSCM	205	>TP53-Y236S YMCNSSCM	1657	1452
>TP53-Y236S YMCNSSCM C	167	>TP53-Y236S YMCNSSCM C	1289	1122
>TP53-Y236S YMCNSSCM	283	>TP53-Y236S YMCNSSCM	1944	1661
>TP53-Y236S YMCNSSCM C	41	>TP53-Y236S YMCNSSCM C	365	324
>TP53-Y236S YMCNSSCM C	143	>TP53-Y236S YMCNSSCM C	2123	1980
>TP53-Y236S YMCNSSCM	24	>TP53-Y236S YMCNSSCM	192	168
>TP53-Y236S YMCNSSCM C	92	>TP53-Y236S YMCNSSCM C	882	790
>TP53-Y236S YMCNSSCM C	399	>TP53-Y236S YMCNSSCM C	3043	2644
>TP53-Y236S YMCNSSCM C	16	>TP53-Y236S YMCNSSCM C	105	89
>TP53-Y236S YMCNSSCM	92	>TP53-Y236S YMCNSSCM	987	895
>TP53-Y236S YMCNSSCM C	197	>TP53-Y236S YMCNSSCM C	1960	1763
>TP53-Y236S YMCNSSCM	150	>TP53-Y236S YMCNSSCM	494	344
>TP53-Y236S YMCNSSCM C	421	>TP53-Y236S YMCNSSCM C	1195	774
>TP53-Y236S YMCNSSCM	67	>TP53-Y236S YMCNSSCM	3458	3391
>TP53-Y236S YMCNSSCM C	332	>TP53-Y236S YMCNSSCM C	5430	5098
>TP53-Y236S YMCNSSCM	33	>TP53-Y236S YMCNSSCM	472	439
>TP53-Y236S YMCNSSCM C	53	>TP53-Y236S YMCNSSCM C	507	454
>TP53-Y236S YMCNSSCM	33	>TP53-Y236S YMCNSSCM	59	26
>TP53-Y236S YMCNSSCM C	127	>TP53-Y236S YMCNSSCM C	296	169
>TP53-Y236S YMCNSSCM C	292	>TP53-Y236S YMCNSSCM C	787	495

>TP53-Y236S YMCNSSCMC	44	>TP53-Y236S SMCNSSCMC	88	44
>TP53-Y236S YMCNSSCM	98	>TP53-Y236S SMCNSSCM	414	316
>TP53-Y236S YMCNSSCMC	145	>TP53-Y236S SMCNSSCMC	573	428
>TP53-Y236S YMCNSSCM	20	>TP53-Y236S SMCNSSCM	69	49
>TP53-Y236S YMCNSSCMC	160	>TP53-Y236S SMCNSSCMC	721	561
>TP53-Y236S YMCNSSCMC	294	>TP53-Y236S SMCNSSCMC	1208	914
>TP53-Y236S YMCNSSCM	310	>TP53-Y236S SMCNSSCM	3143	2833
>TP53-Y236S YMCNSSCM	346	>TP53-Y236S SMCNSSCM	2403	2057
>TP53-Y236S NYMCNSSCM	726	>TP53-Y236S NSMCNSSCM	23	703
>TP53-Y236S NYMCNSSCM	53	>TP53-Y236S NSMCNSSCM	22124	22071
>TP53-Y236S NYMCNSSCM	11682	>TP53-Y236S NSMCNSSCM	455	11227
>TP53-Y236S NYMCNSSCM	1697	>TP53-Y236S NSMCNSSCM	182	1515
>TP53-Y236S NYMCNSSCM	1723	>TP53-Y236S NSMCNSSCM	195	1528
>TP53-Y236S NYMCNSSCM	5301	>TP53-Y236S NSMCNSSCM	117	5184
>TP53-Y236S GSDCTTIHYN	34	>TP53-Y236S GSDCTTIHYN	14076	14042
>TP53-Y236S GSDCTTIHYN	174	>TP53-Y236S GSDCTTIHYN	21179	21005
>TP53-Y236S GSDCTTIHYN	99	>TP53-Y236S GSDCTTIHYN	18553	18454
>TP53-Y236S GSDCTTIHYN	247	>TP53-Y236S GSDCTTIHYN	17029	16782
>TP53-Y236S GSDCTTIHYN	97	>TP53-Y236S GSDCTTIHYN	30848	30751
>TP53-Y236S YNYMCNSSCI	429	>TP53-Y236S YNSMCNSSCI	1141	712
>TP53-Y236S YNYMCNSSCI	31	>TP53-Y236S YNSMCNSSCI	208	177
>TP53-Y236S HNYMCNSS	919	>TP53-Y236S HNSMCNSS	193	726
>TP53-Y236S HNYMCNSS	1526	>TP53-Y236S HNSMCNSS	355	1171
>TP53-Y236S HNYMCNSS	70	>TP53-Y236S HNSMCNSS	26	44
>TP53-Y236S IHNYMCNSS	575	>TP53-Y236S IHNSMCNSS	387	188
>TP53-Y236S TTIHYNM	46	>TP53-Y236S TTIHYNM	74	28
>TP53-Y236S TTIHYNM	1130	>TP53-Y236S TTIHYNM	200	930
>TP53-Y236S TTIHYNM	46	>TP53-Y236S TTIHYNM	40	6
>TP53-Y236S TTIHYNM	5	>TP53-Y236S TTIHYNM	5	0
>TP53-Y236S TTIHYNM	135	>TP53-Y236S TTIHYNM	58	77
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>TP53-Y236S TTIHYNMCM	120	>TP53-Y236S TTIHYNMCM	749	629
>TP53-Y236S TTIHYNMCM	102	>TP53-Y236S TTIHYNMCM	192	90
>TP53-Y236S TTIHYNM	69	>TP53-Y236S TTIHYNM	210	141
>TP53-Y236S TTIHYNM	1287	>TP53-Y236S TTIHYNM	480	807
>TP53-Y236S TTIHYNM	61	>TP53-Y236S TTIHYNM	32	29
>TP53-Y236S TTIHYNM	260	>TP53-Y236S TTIHYNM	64	196
>TP53-Y236S TTIHYNMCM	7731	>TP53-Y236S TTIHYNMCM	411	7320
>TP53-Y236S CTTIHYNM	116	>TP53-Y236S CTTIHYNM	187	71
>TP53-Y236S CTTIHYN	117	>TP53-Y236S CTTIHYN	19566	19449
>TP53-Y236S CTTIHYN	161	>TP53-Y236S CTTIHYN	28105	27944
>TP53-Y236S CTTIHYNM	207	>TP53-Y236S CTTIHYNM	519	312
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>TP53-Y236S CTTIHYN Y	130	>TP53-Y236S CTTIHYN S	20082	19952
>TP53-Y236S CTTIHYN Y	355	>TP53-Y236S CTTIHYN S	24324	23969
>TP53-Y236S CTTIHYN Y	50	>TP53-Y236S CTTIHYN S	19181	19131
>TP53-Y236S CTTIHYN Y M	11	>TP53-Y236S CTTIHYN S M	32	21
>TP53-Y236S CTTIHYN Y M C	184	>TP53-Y236S CTTIHYN S M C	620	436
>TP53-Y236S CTTIHYN Y	68	>TP53-Y236S CTTIHYN S	26406	26338
>TP53-Y236S CTTIHYN Y M	405	>TP53-Y236S CTTIHYN S M	139	266
>TP53-Y236S DCTTIHYN Y	287	>TP53-Y236S DCTTIHYN S	22817	22530
>TP53-Y236S SDCTTIHYN Y	400	>TP53-Y236S SDCTTIHYN S	31239	30839
>TP53-Y327C YFTLQIRGREI	337	>TP53-Y327C DFTLQIRGREI	3046	2709
>TP53-Y327C YFTLQIRGR	129	>TP53-Y327C DFTLQIRGR	27	102
>TP53-Y327C YFTLQIRGREI	126	>TP53-Y327C DFTLQIRGREI	28	98
>TP53-Y327C YFTLQIRGR	152	>TP53-Y327C DFTLQIRGR	557	405
>TP53-Y327C EYFTLQIR	335	>TP53-Y327C EDFTLQIR	15286	14951
>TP53-Y327C EYFTLQIR	31	>TP53-Y327C EDFTLQIR	8388	8357
>TP53-Y327C EYFTLQIRGR	315	>TP53-Y327C EDFTLQIRGR	10088	9773
>TP53-Y327C EYFTLQIR	26	>TP53-Y327C EDFTLQIR	153	127
>TP53-Y327C EYFTLQIR	19	>TP53-Y327C EDFTLQIR	758	739
>TP53-Y327C EYFTLQIRGR	20	>TP53-Y327C EDFTLQIRGR	566	546
>TP53-Y327C QPKKKPLDGE	303	>TP53-Y327C QPKKKPLDGE	20969	20666
>TP53-Y327C GEYFTLQI	102	>TP53-Y327C GEDFTLQI	253	151
>TP53-Y327C GEYFTLQI	44	>TP53-Y327C GEDFTLQI	61	17
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>TP53-Y327C GEYFTLQI	11	>TP53-Y327C GEDFTLQI	116	105
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>TP53-Y327C LDGEYFTLQI	87	>TP53-Y327C LDGEDFTLQI	466	379
>TP53-Y327C LDGEYFTL	344	>TP53-Y327C LDGEDFTL	852	508
>TP53-Y327C LDGEYFTLQI	94	>TP53-Y327C LDGEDFTLQI	146	52
>TP53-Y327C PLDGEYFTL	249	>TP53-Y327C PLDGEDFTL	678	429
>TP53-Y327C PLDGEYFTL	22	>TP53-Y327C PLDGEDFTL	96	74
>TP53-Y327C PLDGEYFTLQ	68	>TP53-Y327C PLDGEDFTLQ	85	17
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>TP53-Y327C PLDGEYFTL	11	>TP53-Y327C PLDGEDFTL	28	17
>TP53-Y327C PLDGEYFTLQ	111	>TP53-Y327C PLDGEDFTLQ	83	28
>TP53-Y327C KPLDGEYF	296	>TP53-Y327C KPLDGEDF	798	502
>TP53-Y327C KPLDGEYFTL	212	>TP53-Y327C KPLDGEDFTL	337	125
>TP53-Y327C KPLDGEYF	541	>TP53-Y327C KPLDGEDF	369	172
>TP53-Y327C KPLDGEYFTL	321	>TP53-Y327C KPLDGEDFTL	1228	907
>TP53-Y327C KPLDGEYF	287	>TP53-Y327C KPLDGEDF	1152	865



>TP53-Y327C KPLDGEYF	195	>TP53-Y327C KPLDGEDF	241	46
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>TP53-Y327C KKPLDGEYF	31	>TP53-Y327C KKPLDGEDF	53	22
>TP53-Y327C KKKPLDGEY	83	>TP53-Y327C KKKPLDGED	29676	29593
>TP53-Y327C KKKPLDGEY	138	>TP53-Y327C KKKPLDGED	18452	18314
>TP53-Y327C KKKPLDGEYF	14	>TP53-Y327C KKKPLDGEDF	19	5
>TP53-Y327C PKKKPLDGEY	315	>TP53-Y327C PKKKPLDGED	31042	30727
>TP53-Y327C PKKKPLDGEY	78	>TP53-Y327C PKKKPLDGED	117	39
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>TPM3-E151 ESRCREMDE	1167	>TPM3-E151 KSRCREMDE	35	1132
>TPM3-E151 ESRCREMDE	1391	>TPM3-E151 KSRCREMDE	148	1243
>TPM3-E151 AESRCREM	2018	>TPM3-E151 AKSRCREM	62	1956
>TPM3-E151 AESRCREM	124	>TPM3-E151 AKSRCREM	27613	27489
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>TPM3-E151 LAESRCREM	624	>TPM3-E151 LAKSRCREM	373	251
>TPM3-E151 ELAESRCR	329	>TPM3-E151 ELAKSRCR	500	171
>TPM3-E151 ELAESRCR	15	>TPM3-E151 ELAKSRCR	19	4
>TPM3-E151 AELAESRCRE	552	>TPM3-E151 AELAKSRCRE	315	237
>TPM3-E151 AELAESRCRE	88	>TPM3-E151 AELAKSRCRE	87	1
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>TPM3-E151 AELAESRCRE	121	>TPM3-E151 AELAKSRCRE	139	18
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>TPM3-E151 AELAESRCRE	89	>TPM3-E151 AELAKSRCRE	123	34
>TPM3-E151 RAELAESR	641	>TPM3-E151 RAELAKSR	355	286
>TPM3-E151 RAELAESRCR	390	>TPM3-E151 RAELAKSRCR	139	251
>TPM3-E151 ERAELAESR	109	>TPM3-E151 ERAELAKSR	494	385
>TPM3-E151 ERAELAESRC	435	>TPM3-E151 ERAELAKSRC	822	387
>TPM3-E151 RTEERAELAE	33800	>TPM3-E151 RTEERAELAK	116	33684
>TPM3-E151 RTEERAELAE	11033	>TPM3-E151 RTEERAELAK	68	10965
>TPM3-I189\IKILTDKL	338	>TPM3-I189\VKILTDKL	830	492
>TPM3-I189\EIKILTDK	90	>TPM3-I189\EVKILTDK	36	54
>TPM3-I189\EIKILTDKLK	162	>TPM3-I189\EVKILTDKLK	95	67
>TPM3-I189\EIKILTDKL	2094	>TPM3-I189\EVKILTDKL	443	1651
>TPM3-I189\SQKEDKYEEE	631	>TPM3-I189\SQKEDKYEEE	121	510
>TPM3-I189\EEIKILTDKL	215	>TPM3-I189\EEVKILTDKL	186	29
>TPM3-I189\EEIKILTDKL	353	>TPM3-I189\EEVKILTDKL	707	354
>TPM3-I189\EEIKILTDKL	344	>TPM3-I189\EEVKILTDKL	418	74
>TPM3-I189\EEIKILTDKL	357	>TPM3-I189\EEVKILTDKL	797	440
>TPM3-I189\EEIKILTDKL	263	>TPM3-I189\EEVKILTDKL	1283	1020

>TPM3-I189\EEEEIKILTDKL	392	>TPM3-I189\EEEEKILTDLK	550	158
>TPM3-I189\EEEEIKILTDKL	559	>TPM3-I189\EEEEKILTDLK	446	113
>TPM3-I189\EEEEIKILT	221	>TPM3-I189\EEEEKILT	198	23
>TPM3-I189\YEEEEIKIL	7	>TPM3-I189\YEEEEKIL	5	2
>TPM3-I189\YEEEEIKIL	108	>TPM3-I189\YEEEEKIL	118	10
>TPM3-I189\YEEEEIKIL	413	>TPM3-I189\YEEEEKIL	260	153
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>TPM3-I189\YEEEEIKILT	153	>TPM3-I189\YEEEEKILT	191	38
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>TPM3-I189\KYEEEEIKI	51	>TPM3-I189\KYEEEEKI	35	16
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>TPM3-I189\KEDKYEEEEI	126	>TPM3-I189\KEDKYEEEV	386	260
>TPM3-I189\KEDKYEEEEIKI	176	>TPM3-I189\KEDKYEEEVK	229	53
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>TPM3-I189\KEDKYEEEEI	57	>TPM3-I189\KEDKYEEEV	192	135
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>TPM4-E204 AEFAERTV	462	>TPM4-E204 AQFAERTV	17245	16783
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>TPM4-E204 AEFAERTVAK	13931	>TPM4-E204 AQFAERTVAK	403	13528
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>TPM4-E204 AEFAERTVA	14591	>TPM4-E204 AQFAERTVA	253	14338
>TPM4-E204 AEFAERTVAK	9735	>TPM4-E204 AQFAERTVAK	96	9639
>TPM4-E204 AEFAERTV	5422	>TPM4-E204 AQFAERTV	126	5296
>TPM4-E204 AEFAERTV	10923	>TPM4-E204 AQFAERTV	475	10448
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>TPM4-E204 AEFAERTVAK	4911	>TPM4-E204 AQFAERTVAK	182	4729
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>TPM4-E204 AEFAERTVAK	8105	>TPM4-E204 AQFAERTVAK	230	7875
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>TPM4-E204 AEFAERTVA	1650	>TPM4-E204 AQFAERTVA	30	1620
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>TPM4-E204 AEFAERTVAK	307	>TPM4-E204 AQFAERTVAK	9	298
>TPM4-E204 AEFAERTVAK	953	>TPM4-E204 AQFAERTVAK	99	854
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>TPM4-E204 AEFAERTVAK	21	>TPM4-E204 AQFAERTVAK	765	744
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>TPM4-E204 AEFAERTVA	28	>TPM4-E204 AQFAERTVA	2150	2122
>TPM4-E204 AEFAERTVAK	257	>TPM4-E204 AQFAERTVAK	26724	26467
>TPM4-E204 AEFAERTVAK	66	>TPM4-E204 AQFAERTVAK	2811	2745
>TPM4-E204 AEFAERTV	307	>TPM4-E204 AQFAERTV	14221	13914
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>TPM4-E204 AEFAERTV	65	>TPM4-E204 AQFAERTV	9120	9055
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>TPM4-E204 AEFAERTVA	237	>TPM4-E204 AQFAERTVA	16264	16027
>TPM4-E204 AEFAERTVAK	7	>TPM4-E204 AQFAERTVAK	655	648
>TPM4-E204 RAEFAERTVA	618	>TPM4-E204 RAQFAERTVAK	95	523
>TPM4-E204 RAEFAERTVA	87	>TPM4-E204 RAQFAERTVAK	22	65
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>TPM4-E204 TRAEFAER	126	>TPM4-E204 TRAQAER	180	54
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>TPM4-E204 ETRAEFAERT	513	>TPM4-E204 ETRAQAERT	316	197
>TPM4-E204 ETRAEFAER	137	>TPM4-E204 ETRAQAER	28	109
>TPM4-E204 ETRAEFAER	14	>TPM4-E204 ETRAQAER	11	3
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>TPM4-E204 AETRAEFA	1487	>TPM4-E204 AETRAQFA	489	998
>TPM4-E204 AETRAEFA	743	>TPM4-E204 AETRAQFA	347	396
>TPM4-E204 AETRAEFA	733	>TPM4-E204 AETRAQFA	354	379
>TPM4-E204 AETRAEFA	10	>TPM4-E204 AETRAQFA	8	2
>TPM4-E204 AETRAEFAE	101	>TPM4-E204 AETRAQFAE	72	29
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>TPM4-E204 KEAETRAEF	51	>TPM4-E204 KEAETRAQF	84	33
>TPM4-E204 KEAETRAEF	325	>TPM4-E204 KEAETRAQF	553	228
>TPM4-E204 KEAETRAEF	426	>TPM4-E204 KEAETRAQF	741	315
>TPM4-E204 KEAETRAEF	346	>TPM4-E204 KEAETRAQF	364	18
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>TPM4-E204 KEAETRAEF	68	>TPM4-E204 KEAETRAQF	32	36
>TPM4-E204 KEAETRAEFA	396	>TPM4-E204 KEAETRAQFA	202	194
>TPM4-E204 LKEAETRAEF	30	>TPM4-E204 LKEAETRAQF	56	26
>TPM4-E204 KLKEAETRAEI	105	>TPM4-E204 KLKEAETRAQ	114	9
>TPM4-E204 KLKEAETRAEI	38	>TPM4-E204 KLKEAETRAQ	63	25
>TPM4-E204 KLKEAETRAEI	234	>TPM4-E204 KLKEAETRAQ	110	124
>TPR-K878E- KRQLDTETNL	26	>TPR-K878E- ERQLDTETNL	107	81
>TPR-K878E- KRQLDTET	72	>TPR-K878E- ERQLDTET	2929	2857
>TPR-K878E- KRQLDTETN	215	>TPR-K878E- ERQLDTETN	4659	4444
>TPR-K878E- KRQLDTETNL	21	>TPR-K878E- ERQLDTETNL	167	146
>TPR-K878E- KRQLDTETNL	179	>TPR-K878E- ERQLDTETNL	3772	3593
>TPR-K878E- KRQLDTETNL	26	>TPR-K878E- ERQLDTETNL	103	77
>TPR-K878E- KRQLDTETNL	442	>TPR-K878E- ERQLDTETNL	6733	6291
>TPR-K878E- TKRQLDTETN	273	>TPR-K878E- TERQLDTETN	4047	3774
>TPR-K878E- TKRQLDTET	24161	>TPR-K878E- TERQLDTET	57	24104
>TPR-K878E- TKRQLDTETN	19863	>TPR-K878E- TERQLDTETN	59	19804
>TPR-K878E- TKRQLDTETN	21628	>TPR-K878E- TERQLDTETN	287	21341
>TPR-K878E- LLDTKRQL	671	>TPR-K878E- LLDTERQL	360	311
>TPR-K878E- LLDTKRQL	117	>TPR-K878E- LLDTERQL	112	5
>TPR-K878E- LLDTKRQL	740	>TPR-K878E- LLDTERQL	433	307
>TPR-K878E- LLDTKRQL	18	>TPR-K878E- LLDTERQL	17	1
>TPR-K878E- LLDTKRQLDT	756	>TPR-K878E- LLDTERQLDT	456	300
>TPR-K878E- QLLDTKRQL	33	>TPR-K878E- QLLDTERQL	27	6
>TPR-K878E- QLLDTKRQL	934	>TPR-K878E- QLLDTERQL	429	505
>TPR-K878E- QLLDTKRQL	461	>TPR-K878E- QLLDTERQL	173	288
>TPR-K878E- QLLDTKRQL	118	>TPR-K878E- QLLDTERQL	76	42
>TPR-K878E- QLLDTKRQ	613	>TPR-K878E- QLLDTERQ	254	359
>TPR-K878E- QLLDTKRQL	10	>TPR-K878E- QLLDTERQL	10	0
>TPR-K878E- VQLLDTKR	556	>TPR-K878E- VQLLDTER	415	141
>TPR-K878E- DVQLLDTKR	38	>TPR-K878E- DVQLLDTER	23	15
>TPR-K878E- DVQLLDTK	223	>TPR-K878E- DVQLLDTE	19970	19747
>TPR-K878E- DVQLLDTKR	104	>TPR-K878E- DVQLLDTER	60	44
>TPR-L792F-1 LKLSEVRL	26	>TPR-L792F-1 FKLSEVRL	15	11
>TPR-L792F-1 LKLSEVRLSQ	437	>TPR-L792F-1 FKLSEVRLSQ	265	172
>TPR-L792F-1 LKLSEVRL	3747	>TPR-L792F-1 FKLSEVRL	122	3625
>TPR-L792F-1 MLKLSEVRL	140	>TPR-L792F-1 MFKLSEVRL	8788	8648
>TPR-L792F-1 MLKLSEVRL	14	>TPR-L792F-1 MFKLSEVRL	17402	17388
>TPR-L792F-1 MLKLSEVR	28	>TPR-L792F-1 MFKLSEVR	12	16
>TPR-L792F-1 MLKLSEVR	215	>TPR-L792F-1 MFKLSEVR	54	161
>TPR-L792F-1 MLKLSEVR	81	>TPR-L792F-1 MFKLSEVR	138	57
>TPR-L792F-1 MLKLSEVRL	382	>TPR-L792F-1 MFKLSEVRL	5234	4852
>TPR-L792F-1 MLKLSEVR	525	>TPR-L792F-1 MFKLSEVR	118	407

>TPR-L792F-1 AENLKKEKEN	126	>TPR-L792F-1 AENLKKEKEN	1335	1209
>TPR-L792F-1 AENLKKEKEN	379	>TPR-L792F-1 AENLKKEKEN	970	591
>TPR-L792F-1 AENLKKEKEN	916	>TPR-L792F-1 AENLKKEKEN	201	715
>TPR-L792F-1 AENLKKEKEN	1289	>TPR-L792F-1 AENLKKEKEN	294	995
>TPR-L792F-1 AENLKKEKEN	395	>TPR-L792F-1 AENLKKEKEN	1355	960
>TPR-L792F-1 EMLKLSEV	304	>TPR-L792F-1 EMFKLSEV	122	182
>TPR-L792F-1 EMLKLSEV	215	>TPR-L792F-1 EMFKLSEV	21	194
>TPR-L792F-1 EMLKLSEVRL	730	>TPR-L792F-1 EMFKLSEVRL	244	486
>TPR-L792F-1 EMLKLSEV	274	>TPR-L792F-1 EMFKLSEV	45	229
>TPR-L792F-1 EMLKLSEV	145	>TPR-L792F-1 EMFKLSEV	165	20
>TPR-L792F-1 EMLKLSEV	4	>TPR-L792F-1 EMFKLSEV	3	1
>TPR-L792F-1 EMLKLSEVRL	110	>TPR-L792F-1 EMFKLSEVRL	64	46
>TPR-L792F-1 EMLKLSEV	15	>TPR-L792F-1 EMFKLSEV	28	13
>TPR-L792F-1 EMLKLSEV	10	>TPR-L792F-1 EMFKLSEV	9	1
>TPR-L792F-1 EMLKLSEVRL	134	>TPR-L792F-1 EMFKLSEVRL	132	2
>TPR-L792F-1 EMLKLSEV	5	>TPR-L792F-1 EMFKLSEV	15	10
>TPR-L792F-1 EMLKLSEVRL	120	>TPR-L792F-1 EMFKLSEVRL	990	870
>TPR-L792F-1 EMLKLSEV	6	>TPR-L792F-1 EMFKLSEV	6	0
>TPR-L792F-1 EMLKLSEVRL	158	>TPR-L792F-1 EMFKLSEVRL	74	84
>TPR-L792F-1 EMLKLSEVR	856	>TPR-L792F-1 EMFKLSEVR	297	559
>TPR-L792F-1 EMLKLSEVRL	2033	>TPR-L792F-1 EMFKLSEVRL	418	1615
>TPR-L792F-1 EMLKLSEVR	173	>TPR-L792F-1 EMFKLSEVR	101	72
>TPR-L792F-1 EMLKLSEVR	77	>TPR-L792F-1 EMFKLSEVR	8	69
>TPR-L792F-1 EMLKLSEV	558	>TPR-L792F-1 EMFKLSEV	36	522
>TPR-L792F-1 EMLKLSEV	13	>TPR-L792F-1 EMFKLSEV	21	8
>TPR-L792F-1 EMLKLSEV	1375	>TPR-L792F-1 EMFKLSEV	284	1091
>TPR-L792F-1 EMLKLSEVRL	1226	>TPR-L792F-1 EMFKLSEVRL	242	984
>TPR-L792F-1 EMLKLSEVR	69	>TPR-L792F-1 EMFKLSEVR	46	23
>TPR-L792F-1 KEMLKLSEV	21	>TPR-L792F-1 KEMFKLSEV	107	86
>TPR-L792F-1 KEMLKLSEV	903	>TPR-L792F-1 KEMFKLSEV	300	603
>TPR-L792F-1 KEMLKLSEV	232	>TPR-L792F-1 KEMFKLSEV	234	2
>TPR-L792F-1 KEMLKLSEVR	799	>TPR-L792F-1 KEMFKLSEVR	431	368
>TPR-L792F-1 KEMLKLSEVR	124	>TPR-L792F-1 KEMFKLSEVR	57	67
>TPR-L792F-1 KEMLKLSEV	40	>TPR-L792F-1 KEMFKLSEV	63	23
>TPR-L792F-1 KEMLKLSEVR	54	>TPR-L792F-1 KEMFKLSEVR	80	26
>TPR-L792F-1 KEMLKLSEV	211	>TPR-L792F-1 KEMFKLSEV	154	57
>TPR-L792F-1 KEMLKLSEV	4	>TPR-L792F-1 KEMFKLSEV	6	2
>TPR-L792F-1 KEMLKLSEVR	8	>TPR-L792F-1 KEMFKLSEVR	14	6
>TPR-L792F-1 KEMLKLSEVR	247	>TPR-L792F-1 KEMFKLSEVR	256	9
>TPR-L792F-1 KEKEMLKL	428	>TPR-L792F-1 KEKEMFKL	214	214
>TPR-L792F-1 KEKEMLKLSE	45	>TPR-L792F-1 KEKEMFKLSE	69	24
>TPR-L792F-1 KEKEMLKL	134	>TPR-L792F-1 KEKEMFKL	62	72
>TPR-L792F-1 KEKEMLKL	31	>TPR-L792F-1 KEKEMFKL	28	3

>TPR-L792F-1 KEKEMLKLS	587	>TPR-L792F-1 KEKEMFKLS	341	246
>TPR-L792F-1 KEKEMLKLS E	41	>TPR-L792F-1 KEKEMFKLS E	38	3
>TPR-L792F-1 KEKEMLKLS E	593	>TPR-L792F-1 KEKEMFKLS E	250	343
>TPR-L792F-1 KEKEMLKLS	110	>TPR-L792F-1 KEKEMFKLS	175	65
>TPR-L792F-1 KEKEMLKLS E	6	>TPR-L792F-1 KEKEMFKLS E	7	1
>TPR-L792F-1 LKKEKEMLK	1506	>TPR-L792F-1 LKKEKEMFK	303	1203
>TPR-L792F-1 LKKEKEML	354	>TPR-L792F-1 LKKEKEMF	14	340
>TPR-L792F-1 LKKEKEMLK L	335	>TPR-L792F-1 LKKEKEMFK L	533	198
>TPR-L792F-1 NLKKEKEMLK	1475	>TPR-L792F-1 NLKKEKEMFK	338	1137
>TPR-L792F-1 NLKKEKEMLK	1158	>TPR-L792F-1 NLKKEKEMFK	496	662
>TPR-L792F-1 NLKKEKEMLK	921	>TPR-L792F-1 NLKKEKEMFK	370	551
>TPR-L792F-1 NLKKEKEMLK	413	>TPR-L792F-1 NLKKEKEMFK	762	349
>TPR-Q500L- QIRVLLMEL	2782	>TPR-Q500L- LIRVLLMEL	145	2637
>TPR-Q500L- QIRVLLMEL	120	>TPR-Q500L- LIRVLLMEL	84	36
>TPR-Q500L- QQIRVLLMEL	1186	>TPR-Q500L- QLIRVLLMEL	107	1079
>TPR-Q500L- QQIRVLLM	4236	>TPR-Q500L- QLIRVLLM	349	3887
>TPR-Q500L- QQIRVLLMEL	324	>TPR-Q500L- QLIRVLLMEL	47	277
>TPR-Q500L- QQIRVLLM	3988	>TPR-Q500L- QLIRVLLM	482	3506
>TPR-Q500L- QQIRVLLMEL	298	>TPR-Q500L- QLIRVLLMEL	54	244
>TPR-Q500L- QQIRVLLM	109	>TPR-Q500L- QLIRVLLM	738	629
>TPR-Q500L- QQIRVLLMEL	121	>TPR-Q500L- QLIRVLLMEL	114	7
>TPR-Q500L- QQIRVLLMEL	4852	>TPR-Q500L- QLIRVLLMEL	32	4820
>TPR-Q500L- QQIRVLLMEL	4450	>TPR-Q500L- QLIRVLLMEL	80	4370
>TPR-Q500L- QQIRVLLMEL	12665	>TPR-Q500L- QLIRVLLMEL	235	12430
>TPR-Q500L- QQIRVLLMEL	15585	>TPR-Q500L- QLIRVLLMEL	11	15574
>TPR-Q500L- QQIRVLLM	213	>TPR-Q500L- QLIRVLLM	1186	973
>TPR-Q500L- QQIRVLLM	99	>TPR-Q500L- QLIRVLLM	2313	2214
>TPR-Q500L- QQIRVLLMEL	78	>TPR-Q500L- QLIRVLLMEL	1873	1795
>TPR-Q500L- MEIQVKDLSC	4632	>TPR-Q500L- MEIQVKDLSC	49	4583
>TPR-Q500L- MEIQVKDLSC	1709	>TPR-Q500L- MEIQVKDLSC	308	1401
>TPR-Q500L- MEIQVKDLSC	8726	>TPR-Q500L- MEIQVKDLSC	24	8702
>TPR-Q500L- MEIQVKDLSC	4785	>TPR-Q500L- MEIQVKDLSC	138	4647
>TPR-Q500L- MEIQVKDLSC	657	>TPR-Q500L- MEIQVKDLSC	144	513
>TPR-Q500L- MEIQVKDLSC	333	>TPR-Q500L- MEIQVKDLSC	7	326
>TPR-Q500L- SQQIRVLLME	929	>TPR-Q500L- SQLIRVLLMEI	187	742
>TPR-Q500L- SQQIRVLL	442	>TPR-Q500L- SQLIRVLL	41	401
>TPR-Q500L- SQQIRVLLM	2099	>TPR-Q500L- SQLIRVLLM	207	1892
>TPR-Q500L- SQQIRVLLME	133	>TPR-Q500L- SQLIRVLLMEI	18	115
>TPR-Q500L- SQQIRVLLME	3143	>TPR-Q500L- SQLIRVLLMEI	461	2682
>TPR-Q500L- SQQIRVLLME	5282	>TPR-Q500L- SQLIRVLLMEI	366	4916
>TPR-Q500L- SQQIRVLLM	217	>TPR-Q500L- SQLIRVLLM	721	504
>TPR-Q500L- SQQIRVLL	1100	>TPR-Q500L- SQLIRVLL	266	834
>TPR-Q500L- SQQIRVLLM	923	>TPR-Q500L- SQLIRVLLM	220	703

>TPR-Q500L-SQQIRVLLME	492	>TPR-Q500L-SQLIRVLLMEI	123	369
>TPR-Q500L-SQQIRVLL	945	>TPR-Q500L-SQLIRVLL	268	677
>TPR-Q500L-SQQIRVLL	1322	>TPR-Q500L-SQLIRVLL	476	846
>TPR-Q500L-SQQIRVLLME	461	>TPR-Q500L-SQLIRVLLMEI	1327	866
>TPR-Q500L-SQQIRVLLM	47	>TPR-Q500L-SQLIRVLLM	144	97
>TPR-Q500L-SQQIRVLLME	58	>TPR-Q500L-SQLIRVLLMEI	238	180
>TPR-Q500L-LSQQIRVL	330	>TPR-Q500L-LSQLIRVL	502	172
>TPR-Q500L-LSQQIRVLLM	93	>TPR-Q500L-LSQLIRVLLM	123	30
>TPR-Q500L-LSQQIRVLLM	260	>TPR-Q500L-LSQLIRVLLM	659	399
>TPR-Q500L-LSQQIRVLL	243	>TPR-Q500L-LSQLIRVLL	234	9
>TPR-Q500L-LSQQIRVLLM	336	>TPR-Q500L-LSQLIRVLLM	333	3
>TPR-Q500L-LSQQIRVL	237	>TPR-Q500L-LSQLIRVL	193	44
>TPR-Q500L-LSQQIRVLL	132	>TPR-Q500L-LSQLIRVLL	303	171
>TPR-Q500L-LSQQIRVLLM	37	>TPR-Q500L-LSQLIRVLLM	20	17
>TPR-Q500L-LSQQIRVL	251	>TPR-Q500L-LSQLIRVL	524	273
>TPR-Q500L-LSQQIRVLL	292	>TPR-Q500L-LSQLIRVLL	651	359
>TPR-Q500L-DLSQQIRVLL	433	>TPR-Q500L-DLSQLIRVLL	201	232
>TPR-Q500L-DLSQQIRV	107	>TPR-Q500L-DLSQLIRV	45	62
>TPR-Q500L-DLSQQIRV	98	>TPR-Q500L-DLSQLIRV	62	36
>TPR-Q500L-DLSQQIRV	95	>TPR-Q500L-DLSQLIRV	59	36
>TPR-Q500L-DLSQQIRV	10	>TPR-Q500L-DLSQLIRV	8	2
>TPR-Q500L-DLSQQIRVLL	158	>TPR-Q500L-DLSQLIRVLL	284	126
>TPR-Q500L-KDLSQQIRV	610	>TPR-Q500L-KDLSQLIRV	114	496
>TPR-Q500L-KDLSQQIRVL	418	>TPR-Q500L-KDLSQLIRVLL	156	262
>TPR-Q500L-KDLSQQIR	363	>TPR-Q500L-KDLSQLIR	151	212
>TPR-Q500L-KDLSQQIRV	61	>TPR-Q500L-KDLSQLIRV	115	54
>TPR-Q500L-KDLSQQIRVL	389	>TPR-Q500L-KDLSQLIRVL	749	360
>TPR-Q500L-KDLSQQIRVL	387	>TPR-Q500L-KDLSQLIRVLL	479	92
>TPR-Q500L-QVKDLSQQIF	773	>TPR-Q500L-QVKDLSQLIR'	227	546
>TPR-Q500L-QVKDLSQQIF	58	>TPR-Q500L-QVKDLSQLIR'	52	6
>TPR-Q500L-QVKDLSQQI	184	>TPR-Q500L-QVKDLSQLI	85	99
>TPR-Q500L-QVKDLSQQIF	900	>TPR-Q500L-QVKDLSQLIR	485	415
>TPR-Q500L-QVKDLSQQIF	270	>TPR-Q500L-QVKDLSQLIR'	250	20
>TPR-Q500L-QVKDLSQQIF	226	>TPR-Q500L-QVKDLSQLIR	124	102
>TPR-Q500L-QVKDLSQQIF	154	>TPR-Q500L-QVKDLSQLIR	88	66
>TPR-Q500L-QVKDLSQQIF	209	>TPR-Q500L-QVKDLSQLIR'	211	2
>TPR-Q500L-QVKDLSQQIF	1084	>TPR-Q500L-QVKDLSQLIR	378	706
>TPR-Q500L-IQVKDLSQQ	17569	>TPR-Q500L-IQVKDLSQL	462	17107
>TPR-Q500L-IQVKDLSQQ	12157	>TPR-Q500L-IQVKDLSQL	256	11901
>TPR-Q500L-IQVKDLSQQ	3134	>TPR-Q500L-IQVKDLSQL	37	3097
>TPR-Q500L-IQVKDLSQQ	1486	>TPR-Q500L-IQVKDLSQL	42	1444
>TPR-Q500L-IQVKDLSQQI	56	>TPR-Q500L-IQVKDLSQLI	68	12
>TPR-Q500L-IQVKDLSQQI	208	>TPR-Q500L-IQVKDLSQLIF	259	51

>TPR-S1759F SISQPILTV	169	>TPR-S1759F FISQPILTV	23	146
>TPR-S1759F SISQPILTV	635	>TPR-S1759F FISQPILTV	32	603
>TPR-S1759F SISQPILTV	39	>TPR-S1759F FISQPILTV	7	32
>TPR-S1759F SISQPILTV	69	>TPR-S1759F FISQPILTV	10	59
>TPR-S1759F SISQPILTV	5	>TPR-S1759F FISQPILTV	2	3
>TPR-S1759F SISQPILTV	229	>TPR-S1759F FISQPILTV	30	199
>TPR-S1759F SISQPILTV	14	>TPR-S1759F FISQPILTV	9	5
>TPR-S1759F SISQPILTV	585	>TPR-S1759F FISQPILTV	13	572
>TPR-S1759F SISQPILTV	3	>TPR-S1759F FISQPILTV	2	1
>TPR-S1759F SISQPILTVQC	2923	>TPR-S1759F FISQPILTVQC	308	2615
>TPR-S1759F SISQPILTV	267	>TPR-S1759F FISQPILTV	65	202
>TPR-S1759F SISQPILTV	81	>TPR-S1759F FISQPILTV	35	46
>TPR-S1759F VRSTSPNVQF	1536	>TPR-S1759F VRSTSPNVQF	5	1531
>TPR-S1759F QPSISQPIL	1743	>TPR-S1759F QPFISQPIL	55	1688
>TPR-S1759F QPSISQPI	366	>TPR-S1759F QPFISQPI	956	590
>TPR-S1759F QPSISQPIL	1296	>TPR-S1759F QPFISQPIL	375	921
>TPR-S1759F QPSISQPI	1825	>TPR-S1759F QPFISQPI	325	1500
>TPR-S1759F VQPSISQPI	346	>TPR-S1759F VQPFIQPI	404	58
>TPR-S1759F VQPSISQPI	44	>TPR-S1759F VQPFIQPI	71	27
>TPR-S1759F VQPSISQPI	521	>TPR-S1759F VQPFIQPI	254	267
>TPR-S1759F VQPSISQPI	95	>TPR-S1759F VQPFIQPI	453	358
>TPR-S1759F VQPSISQPIL	160	>TPR-S1759F VQPFIQPIL	641	481
>TPR-S1759F VQPSISQPIL	487	>TPR-S1759F VQPFIQPIL	431	56
>TPR-S1759F VQPSISQPIL	230	>TPR-S1759F VQPFIQPIL	808	578
>TPR-S1759F NVQPSISQPI	854	>TPR-S1759F NVQPFISQPI	226	628
>TPR-S1759F NVQPSISQPI	267	>TPR-S1759F NVQPFISQPI	99	168
>TPR-S1759F SPNVQPSI	518	>TPR-S1759F SPNVQPFI	85	433
>TPR-S1759F SPNVQPSI	212	>TPR-S1759F SPNVQPFI	227	15
>TPR-S1759F TSPNVQPSI	439	>TPR-S1759F TSPNVQPFI	126	313
>TPR-S1759F TSPNVQPS	21857	>TPR-S1759F TSPNVQPF	354	21503
>TPR-S1759F TSPNVQPS	20618	>TPR-S1759F TSPNVQPF	72	20546
>TPR-S1759F TSPNVQPSI	34	>TPR-S1759F TSPNVQPFI	8	26
>TPR-S1759F TSPNVQPSISQ	831	>TPR-S1759F TSPNVQPFIQ	185	646
>TPR-S1759F TSPNVQPSI	60	>TPR-S1759F TSPNVQPFI	62	2
>TPR-S1759F STSPNVQPSI	395	>TPR-S1759F STSPNVQPFI	204	191
>TPR-S1759F STSPNVQPSI	824	>TPR-S1759F STSPNVQPFI	178	646
>TPR-S1759F STSPNVQPS	15641	>TPR-S1759F STSPNVQPF	49	15592
>TPR-S1759F STSPNVQPSI	201	>TPR-S1759F STSPNVQPFI	63	138
>TPR-S1759F STSPNVQPS	15754	>TPR-S1759F STSPNVQPF	101	15653
>TPR-S1759F STSPNVQPSI	220	>TPR-S1759F STSPNVQPFI	2072	1852
>TPR-S1759F STSPNVQPSI	195	>TPR-S1759F STSPNVQPFI	121	74
>TPR-S1759F STSPNVQPSI	181	>TPR-S1759F STSPNVQPFI	112	69
>TPR-S1759F STSPNVQPS	9446	>TPR-S1759F STSPNVQPF	44	9402



>TPR-S1759F STSPNVQPS	9914	>TPR-S1759F STSPNVQPF	28	9886
>TPR-S1759F STSPNVQPS	2320	>TPR-S1759F STSPNVQPF	3	2317
>TPR-S1759F STSPNVQPSI	61	>TPR-S1759F STSPNVQPFI	104	43
>TPR-S1759F STSPNVQPS	15894	>TPR-S1759F STSPNVQPF	410	15484
>TPR-S1759F STSPNVQPS	19159	>TPR-S1759F STSPNVQPF	446	18713
>TPR-S1759F STSPNVQPS	19512	>TPR-S1759F STSPNVQPF	316	19196
>TPR-S1759F STSPNVQPSI	477	>TPR-S1759F STSPNVQPFI	443	34
>TPR-S1759F STSPNVQPS	10141	>TPR-S1759F STSPNVQPF	266	9875
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>TPR-S1759F STSPNVQPSI	76	>TPR-S1759F STSPNVQPFI	51	25
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>TPR-S1759F RSTSPNVQPS	10054	>TPR-S1759F RSTSPNVQPF	47	10007
>TPR-S1759F RSTSPNVQPS	84	>TPR-S1759F RSTSPNVQPF	790	706
>TPR-S1759F RSTSPNVQPS	14313	>TPR-S1759F RSTSPNVQPF	153	14160
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>TPR-S1759F RSTSPNVQPS	334	>TPR-S1759F RSTSPNVQPF	841	507
>TPR-S1759F RSTSPNVQPS	1556	>TPR-S1759F RSTSPNVQPF	3	1553
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>TPR-S1759F RSTSPNVQPS	155	>TPR-S1759F RSTSPNVQPF	43	112
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>TPR-S1759F RSTSPNVQPS	140	>TPR-S1759F RSTSPNVQPF	125	15
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>TPR-S1825M SSSLPKRTR	333	>TPR-S1825M NSSLPKRTR	2200	1867
>TPR-S1825M TPSSSLPKR	316	>TPR-S1825M TPNSSLPKR	555	239
>TPR-S1825M ATPSSSLPK	113	>TPR-S1825M ATPNSSLPK	116	3
>TPR-S1825M ATPSSSLPK	19	>TPR-S1825M ATPNSSLPK	17	2
>TPR-S1825M ATPSSSLPKR	55	>TPR-S1825M ATPNSSLPKR	69	14
>TPR-S1825M ATPSSSLPK	15	>TPR-S1825M ATPNSSLPK	14	1
>TPR-S1825M ATPSSSLPKR	395	>TPR-S1825M ATPNSSLPKR	370	25
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>TPR-S1825M ATPSSSLP	170	>TPR-S1825M ATPNSSLP	217	47
>TPR-S1825M ATPSSSLPK	182	>TPR-S1825M ATPNSSLPK	845	663
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>TPR-S1825M SATPSSSLPK	71	>TPR-S1825M SATPNSSLPK	62	9
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>TPR-S1825M SATPSSSLPK	20	>TPR-S1825M SATPNSSLPK	27	7

>TPR-S1825\SATPSSSLPKF	183	>TPR-S1825\SATPNSSLPKI	249	66
>TPR-S1825\SATPSSSLPK	61	>TPR-S1825\SATPNSSLPK	77	16
>TPR-S1825\SATPSSSLPKF	42	>TPR-S1825\SATPNSSLPKI	54	12
>TPR-S1825\SATPSSSL	16	>TPR-S1825\SATPNSSL	54	38
>TPR-S1825\SATPSSSLPK	387	>TPR-S1825\SATPNSSLPK	416	29
>TPR-S1825\SATPSSSL	107	>TPR-S1825\SATPNSSL	222	115
>TPR-S1825\VSATPSSSLPK	49	>TPR-S1825\VSATPNSSLPI	70	21
>TPR-S1825\VSATPSSSLPK	11	>TPR-S1825\VSATPNSSLPI	13	2
>TPR-S1825\VSATPSSSLPK	181	>TPR-S1825\VSATPNSSLPI	242	61
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>TPR-S1825\TVSATPSSSL	181	>TPR-S1825\TVSATPNSSL	214	33
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>TPR-S1825\GTVSATPSSSI	11	>TPR-S1825\GTVSATPNSS	15	4
>TPR-S1825\GTVSATPSSSI	104	>TPR-S1825\GTVSATPNSS	134	30
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>TRIM33-E81ESSLTPPL	13801	>TRIM33-E81KSSLTPPL	69	13732
>TRIM33-E81ESSLTPPLS	16485	>TRIM33-E81KSSLTPPLS	333	16152
>TRIM33-E81ESSLTPPL	7721	>TRIM33-E81KSSLTPPL	176	7545
>TRIM33-E81ESSLTPPL	257	>TRIM33-E81KSSLTPPL	10396	10139
>TRIM33-E81ESSLTPPL	4842	>TRIM33-E81KSSLTPPL	487	4355
>TRIM33-E81ESSLTPPL	205	>TRIM33-E81KSSLTPPL	8	197
>TRIM33-E81ESSLTPPL	12935	>TRIM33-E81KSSLTPPL	84	12851
>TRIM33-E81ESSLTPPLST	3175	>TRIM33-E81KSSLTPPLST	251	2924
>TRIM33-E81PESSLTPPL	5596	>TRIM33-E81PKSSLTPPL	205	5391
>TRIM33-E81PESSLTPPL	246	>TRIM33-E81PKSSLTPPL	18571	18325
>TRIM33-E81PESSLTPPL	129	>TRIM33-E81PKSSLTPPL	17545	17416
>TRIM33-E81RRSACMLSSP	15562	>TRIM33-E81RRSACMLSSP	339	15223
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>TRIM33-E81SPESSLTPPL	102	>TRIM33-E81SPKSSLTPPL	96	6

>TRIM33-E81SPESSLTPPL	22	>TRIM33-E81SPKSSLTPPL	15	7
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>TRIM33-E81SSPESSLTPPL	356	>TRIM33-E81SSPKSSLTPPL	285	71
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>TRIM33-E81LSSPESSL	265	>TRIM33-E81LSSPKSSL	559	294
>TRIM33-E81LSSPESSL	10	>TRIM33-E81LSSPKSSL	8	2
>TRIM33-E81LSSPESSLT	218	>TRIM33-E81LSSPKSSLT	190	28
>TRIM33-E81LSSPESSL	54	>TRIM33-E81LSSPKSSL	51	3
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>TRIM33-E81MLSSPESS	363	>TRIM33-E81MLSSPKSS	2470	2107
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>TRIM33-E81MLSSPESSL	24	>TRIM33-E81MLSSPKSSL	26	2
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>TRIM33-E81MLSSPESSL	59	>TRIM33-E81MLSSPKSSL	91	32
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>TRIM33-E81CMLSSPESSL	287	>TRIM33-E81CMLSSPKSSL	756	469
>TRIM33-E81CMLSSPESSL	18	>TRIM33-E81CMLSSPKSSL	40	22
>TRIM33-E81CMLSSPESSL	106	>TRIM33-E81CMLSSPKSSL	99	7
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>TRIM33-E81CMLSSPESSL	13	>TRIM33-E81CMLSSPKSSL	13	0
>TRIM33-E81ACMLSSPE	12122	>TRIM33-E81ACMLSSPK	80	12042
>TRIM33-E81ACMLSSPESS	568	>TRIM33-E81ACMLSSPKSS	408	160
>TRIM33-E81SACMLSSPE	17946	>TRIM33-E81SACMLSSPK	14	17932
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>TRIM33-E81RSACMLSSPE	12894	>TRIM33-E81RSACMLSSPK	17	12877
>TRIM33-E81RSACMLSSPE	27736	>TRIM33-E81RSACMLSSPK	13	27723
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>TRIM33-M5MNCGAFQAI	411	>TRIM33-M5INCGAFQAH	429	18
>TRIM33-M5NMNCGAFQ/	472	>TRIM33-M5NINCGAFQA	6248	5776
>TRIM33-M5NMNCGAFQ/	393	>TRIM33-M5NINCGAFQA	3103	2710
>TRIM33-M5NMNCGAFQ/	25	>TRIM33-M5NINCGAFQA	458	433
>TRIM33-M5NMNCGAFQ/	242	>TRIM33-M5NINCGAFQA	678	436
>TRIM33-M5NMNCGAFQ/	40	>TRIM33-M5NINCGAFQA	2313	2273
>TRIM33-M5NMNCGAFQ/	36	>TRIM33-M5NINCGAFQA	3271	3235
>TRIM33-M5NMNCGAFQ/	216	>TRIM33-M5NINCGAFQA	6464	6248
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>TRIM33-M5NMNCGAFQ/	2240	>TRIM33-M5NINCGAFQA	187	2053
>TRIM33-M5NMNCGAFQ/	187	>TRIM33-M5NINCGAFQA	79	108
>TRIM33-M5ISVQTMQRG	293	>TRIM33-M5ISVQTMQRG	1199	906
>TRIM33-M5ISVQTMQRG	90	>TRIM33-M5ISVQTMQRG	3887	3797
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>TRIM33-M5RGNMNCGAI	155	>TRIM33-M5RGNINCGAF	464	309
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>TRIM33-M5QTMQRGNM	63	>TRIM33-M5QTMQRGNI	3473	3410
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>TRIM33-P6C PRHSGPQY	429	>TRIM33-P6C SRHSGPQY	53	376
>TRIM33-P6C PRHSGPQYSM	607	>TRIM33-P6C SRHSGPQYSM	82	525
>TRIM33-P6C PRHSGPQYSM	428	>TRIM33-P6C SRHSGPQYSM	49	379
>TRIM33-P6C PRHSGPQYSM	7003	>TRIM33-P6C SRHSGPQYSM	333	6670

>TRIM33-P6C PRHSGPQYSM	2805	>TRIM33-P6C SRHSGPQYSM	487	2318
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>TRIM33-P6C PRHSGPQYSM	2506	>TRIM33-P6C SRHSGPQYSM	346	2160
>TRIM33-P6C IPRHSGPQYS	441	>TRIM33-P6C ISRHSGPQYSI	33575	33134
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>TRIM33-P6C QNAARIPGIP	227	>TRIM33-P6C QNAARIPGISI	1120	893
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>TRIM33-P71TMNPSGPS/	433	>TRIM33-P71TMNSSGPS/	250	183
>TRIM33-P71TMNPSGPS/	7	>TRIM33-P71TMNSSGPS/	7	0
>TRIM33-P71TMNPSGPS/	61	>TRIM33-P71TMNSSGPS/	77	16
>TRIM33-P71TMNPSGPS/	18	>TRIM33-P71TMNSSGPS/	21	3
>TRIM33-P71TMNPSGPS/	69	>TRIM33-P71TMNSSGPS/	104	35
>TRIM33-P71TMNPSGPS/	286	>TRIM33-P71TMNSSGPS/	424	138
>TRIM33-P71TMNPSGPS/	406	>TRIM33-P71TMNSSGPS/	556	150
>TRIM33-P71TMNPSGPS/	185	>TRIM33-P71TMNSSGPS/	250	65
>TRIM33-P71TMNPSGPS/	65	>TRIM33-P71TMNSSGPS/	143	78
>TRIM33-P71TMNPSGPS/	27	>TRIM33-P71TMNSSGPS/	64	37
>TRIM33-P71TMNPSGPS/	324	>TRIM33-P71TMNSSGPS/	359	35
>TRIM33-P71TMNPSGPS/	92	>TRIM33-P71TMNSSGPS/	48	44
>TRIM33-P71TMNPSGPS/	46	>TRIM33-P71TMNSSGPS/	30	16
>TRIM33-P71STMNPSGP!	190	>TRIM33-P71STMNSSGP!	140	50
>TRIM33-P71STMNPSGP!	190	>TRIM33-P71STMNSSGP!	78	112
>TRIM33-P71STMNPSGP!	317	>TRIM33-P71STMNSSGP!	710	393
>TRIM33-P71STMNPSGP!	22	>TRIM33-P71STMNSSGP!	42	20
>TRIM33-P71STMNPSGP!	482	>TRIM33-P71STMNSSGP!	711	229
>TRIM33-P71QPTSTMNPS	406	>TRIM33-P71QPTSTMNSS	1844	1438
>TRIM33-P8&DPNEDWCA\	7275	>TRIM33-P8&DSNEDWCA\	332	6943
>TRIM33-P8&DPNEDWCA\	334	>TRIM33-P8&DSNEDWCA\	143	191
>TRIM33-P8&DPNEDWCA\	213	>TRIM33-P8&DSNEDWCA\	8953	8740
>TRIM33-P8&DPNEDWCA\	466	>TRIM33-P8&DSNEDWCA\	29129	28663
>TRIM33-R2;RPVFCPVH	402	>TRIM33-R2;HPVFCPVH	55	347
>TRIM33-R2;RPVFCPVHK	144	>TRIM33-R2;HPVFCPVHK	191	47
>TRIM33-R2;VSESVGASGC	397	>TRIM33-R2;VSESVGASGC	25278	24881

>TRIM33-R2;VSESVGASGC	2665	>TRIM33-R2;VSESVGASGC	148	2517
>TRIM33-R2;GQRPVFCPV	2872	>TRIM33-R2;GQHPVFCPV	182	2690
>TRIM33-R2;GQRPVFCPV	1770	>TRIM33-R2;GQHPVFCPV	250	1520
>TRIM33-R2;GQRPVFCPV	47	>TRIM33-R2;GQHPVFCPV	22	25
>TRIM33-R2;GQRPVFCPV	7	>TRIM33-R2;GQHPVFCPV	4	3
>TRIM33-R2;GQRPVFCPV	240	>TRIM33-R2;GQHPVFCPV	27	213
>TRIM33-R2;GQRPVFCPV	679	>TRIM33-R2;GQHPVFCPV	66	613
>TRIM33-R2;GQRPVFCPV	259	>TRIM33-R2;GQHPVFCPV	32	227
>TRIM33-R2;GQRPVFCPV	626	>TRIM33-R2;GQHPVFCPV	176	450
>TRIM33-R2;GQRPVFCPVI	291	>TRIM33-R2;GQHPVFCPVI	324	33
>TRIM33-R2;GQRPVFCPVI	705	>TRIM33-R2;GQHPVFCPVI	68	637
>TRIM33-R2;GQRPVFCPV	127	>TRIM33-R2;GQHPVFCPV	1268	1141
>TRIM33-R2;GQRPVFCPVI	14	>TRIM33-R2;GQHPVFCPVI	115	101
>TRIM33-R2;GQRPVFCPVI	141	>TRIM33-R2;GQHPVFCPVI	217	76
>TRIM33-R2;GQRPVFCPV	60	>TRIM33-R2;GQHPVFCPV	84	24
>TRIM33-R2;GQRPVFCPVI	242	>TRIM33-R2;GQHPVFCPVI	421	179
>TRIM33-R2;GQRPVFCPV	177	>TRIM33-R2;GQHPVFCPV	278	101
>TRIM33-R2;GQRPVFCPVI	496	>TRIM33-R2;GQHPVFCPVI	768	272
>TRIM33-R2;ASGQRPVF	289	>TRIM33-R2;ASGQHPVF	133	156
>TRIM33-R2;ASGQRPVF	278	>TRIM33-R2;ASGQHPVF	134	144
>TRIM33-R2;ASGQRPVF	19	>TRIM33-R2;ASGQHPVF	14	5
>TRIM33-R2;GASGQRPV	799	>TRIM33-R2;GASGQHPV	39	760
>TRIM33-R2;GASGQRPVF	776	>TRIM33-R2;GASGQHPVF	339	437
>TRIM33-R2;GASGQRPVF	274	>TRIM33-R2;GASGQHPVF	45	229
>TRIM33-R2;GASGQRPVF	820	>TRIM33-R2;GASGQHPVF	399	421
>TRIM33-R2;VGASGQRPV	10793	>TRIM33-R2;VGASGQHPV	183	10610
>TRIM33-R2;VGASGQRPV	657	>TRIM33-R2;VGASGQHPV	374	283
>TRIM33-R2;VGASGQRPV	633	>TRIM33-R2;VGASGQHPV	477	156
>TRIM33-R2;VGASGQRPV	2247	>TRIM33-R2;VGASGQHPV	418	1829
>TRIM33-R2;SVGASGQRP'	538	>TRIM33-R2;SVGASGQHP'	391	147
>TRIM33-R2;SVGASGQRP'	223	>TRIM33-R2;SVGASGQHP'	53	170
>TRIM33-R2;SVGASGQRP'	1320	>TRIM33-R2;SVGASGQHP'	150	1170
>TRIM33-R2;SVGASGQRP'	419	>TRIM33-R2;SVGASGQHP'	34	385
>TRIM33-R2;SVGASGQRP'	80	>TRIM33-R2;SVGASGQHP'	8	72
>TRIM33-R2;SVGASGQR	462	>TRIM33-R2;SVGASGQH	6417	5955
>TRIM33-R2;SVGASGQR	270	>TRIM33-R2;SVGASGQH	18831	18561
>TRIM33-R2;SVGASGQRP'	1258	>TRIM33-R2;SVGASGQHP'	178	1080
>TRIM33-R2;SVGASGQRP'	390	>TRIM33-R2;SVGASGQHP'	37	353
>TRIM33-R2;SVGASGQRP'	106	>TRIM33-R2;SVGASGQHP'	65	41
>TRIM33-R2;ESVGASGQR	3818	>TRIM33-R2;ESVGASGQH	219	3599
>TRIM33-R2;ESVGASGQRI	295	>TRIM33-R2;ESVGASGQHI	107	188
>TRIM33-R2;ESVGASGQR	9	>TRIM33-R2;ESVGASGQH	3349	3340
>TRIM33-R2;ESVGASGQRI	15	>TRIM33-R2;ESVGASGQHI	6	9

>TRIM33-R27:ESVGASGQRI	59	>TRIM33-R27:ESVGASGQHI	10	49
>TRIM33-R6C:RHSGPQYSM	322	>TRIM33-R6C:SHSGPQYSM	1955	1633
>TRIM33-R6C:RHSGPQYSM	247	>TRIM33-R6C:SHSGPQYSM	1424	1177
>TRIM33-R6C:RHSGPQYSM	186	>TRIM33-R6C:SHSGPQYSM	90	96
>TRIM33-R6C:RHSGPQYSM	892	>TRIM33-R6C:SHSGPQYSM	417	475
>TRIM33-R6C:PRHSGPQY	2687	>TRIM33-R6C:PSHSGPQY	303	2384
>TRIM33-R6C:PRHSGPQY	2758	>TRIM33-R6C:PSHSGPQY	271	2487
>TRIM33-R6C:PRHSGPQY	429	>TRIM33-R6C:PSHSGPQY	904	475
>TRIM33-R6C:PRHSGPQYSM	428	>TRIM33-R6C:PSHSGPQYSM	1084	656
>TRIM33-R6C:PRHSGPQY	25291	>TRIM33-R6C:PSHSGPQY	222	25069
>TRIM33-R6C:PRHSGPQYSM	12827	>TRIM33-R6C:PSHSGPQYSM	351	12476
>TRIM33-R6C:PRHSGPQYSM	10035	>TRIM33-R6C:PSHSGPQYSM	403	9632
>TRIM33-R6C:QNAARIPGIP	227	>TRIM33-R6C:QNAARIPGIP	32009	31782
>TRIM33-R6C:IPRHSGPQYS	441	>TRIM33-R6C:IPSHSGPQYSI	51	390
>TRIM33-R6C:IPRHSGPQ	31	>TRIM33-R6C:IPSHSGPQ	563	532
>TRIM33-R6C:IPRHSGPQY	247	>TRIM33-R6C:IPSHSGPQY	3755	3508
>TRIM33-R6C:IPRHSGPQYS	8	>TRIM33-R6C:IPSHSGPQYSI	15	7
>TRIM33-R6C:IPRHSGPQY	483	>TRIM33-R6C:IPSHSGPQY	1702	1219
>TRIM33-R6C:IPRHSGPQY	58	>TRIM33-R6C:IPSHSGPQY	174	116
>TRIM33-R6C:IPRHSGPQYS	146	>TRIM33-R6C:IPSHSGPQYSI	389	243
>TRIM33-R6C:IPRHSGPQY	164	>TRIM33-R6C:IPSHSGPQY	683	519
>TRIM33-R6C:IPRHSGPQ	2416	>TRIM33-R6C:IPSHSGPQ	462	1954
>TRIM33-R6C:IPRHSGPQY	77	>TRIM33-R6C:IPSHSGPQY	25	52
>TRIM33-R6C:IPRHSGPQYS	85	>TRIM33-R6C:IPSHSGPQYSI	26	59
>TRIM33-R6C:IPRHSGPQY	1288	>TRIM33-R6C:IPSHSGPQY	88	1200
>TRIM33-R6C:IPRHSGPQYS	1197	>TRIM33-R6C:IPSHSGPQYSI	120	1077
>TRIM33-R6C:IPRHSGPQY	233	>TRIM33-R6C:IPSHSGPQY	530	297
>TRIM33-R6C:IPRHSGPQYS	375	>TRIM33-R6C:IPSHSGPQYSI	1073	698
>TRIM33-R6C:IPRHSGPQY	597	>TRIM33-R6C:IPSHSGPQY	47	550
>TRIM33-R6C:IPRHSGPQYS	3343	>TRIM33-R6C:IPSHSGPQYSI	282	3061
>TRIM33-R6C:IPRHSGPQY	2466	>TRIM33-R6C:IPSHSGPQY	301	2165
>TRIM33-R6C:GIPRHSGPQY	647	>TRIM33-R6C:GIPSHSGPQY	428	219
>TRIM33-R6C:IPGIPRHSGPC	467	>TRIM33-R6C:IPGIPSHSGPC	1125	658
>TRIM33-R6C:ARIPGIPR	163	>TRIM33-R6C:ARIPGIPS	1548	1385
>TRIM33-R6C:ARIPGIPRH	387	>TRIM33-R6C:ARIPGIPSH	464	77
>TRIM33-R6C:AARIPGIPR	28	>TRIM33-R6C:AARIPGIPS	78	50
>TRIM33-R6C:AARIPGIPRH	762	>TRIM33-R6C:AARIPGIPSH	279	483
>TRIM33-R6C:AARIPGIPRH	240	>TRIM33-R6C:AARIPGIPSH	239	1
>TRIM33-R6C:AARIPGIPR	63	>TRIM33-R6C:AARIPGIPS	17710	17647
>TRIM33-R6C:AARIPGIPRH	254	>TRIM33-R6C:AARIPGIPSH	367	113
>TRIM33-R6C:NAARIPGIPR	10	>TRIM33-R6C:NAARIPGIPS	24666	24656
>TRIM33-V17:VCQQSLQSRF	1815	>TRIM33-V17:MCQQSLQSR	454	1361
>TRIM33-V17:AVCQQSLQSI	213	>TRIM33-V17:AMCQQSLQS	295	82



>TRIM33-V1;AVCQQSLQSI	404	>TRIM33-V1;AMCQQSLQS	990	586
>TRIM33-V1;AVCQQSLQSI	76	>TRIM33-V1;AMCQQSLQS	40	36
>TRIM33-V1;AVCQQSLQSI	319	>TRIM33-V1;AMCQQSLQS	92	227
>TRIM33-V1;AVCQQSLQSI	377	>TRIM33-V1;AMCQQSLQS	2245	1868
>TRIM33-V1;AVCQQSLQSI	2053	>TRIM33-V1;AMCQQSLQS	338	1715
>TRIM33-V1;AVCQQSLQSI	2278	>TRIM33-V1;AMCQQSLQS	458	1820
>TRIM33-V1;PPASLLDTCA'	592	>TRIM33-V1;PPASLLDTCA	127	465
>TRIM33-V1;PPASLLDTCA'	2675	>TRIM33-V1;PPASLLDTCA	40	2635
>TRIM33-V1;PPASLLDTCA'	2279	>TRIM33-V1;PPASLLDTCA	467	1812
>TRIM33-V1;CAVCQQSLQ:	1259	>TRIM33-V1;CAMCQQSLC	350	909
>TRIM33-V1;CAVCQQSLQ:	1858	>TRIM33-V1;CAMCQQSLC	458	1400
>TRIM33-V1;CAVCQQSLQ:	140	>TRIM33-V1;CAMCQQSLC	91	49
>TRIM33-V1;CAVCQQSL	1103	>TRIM33-V1;CAMCQQSL	254	849
>TRIM33-V1;DTCAVCQQSI	307	>TRIM33-V1;DTCAMCQQS	595	288
>TRIM33-V1;DTCAVCQQSI	126	>TRIM33-V1;DTCAMCQQS	88	38
>TRIM33-V1;LLDTCAVC	685	>TRIM33-V1;LLDTCAMC	338	347
>TRIM33-V1;LLDTCAVC	125	>TRIM33-V1;LLDTCAMC	82	43
>TRIM33-V1;LLDTCAVCQC	74	>TRIM33-V1;LLDTCAMCQ	116	42
>TRIM33-V1;SLLDTCAV	9	>TRIM33-V1;SLLDTCAM	46	37
>TRIM33-V1;SLLDTCAV	20	>TRIM33-V1;SLLDTCAM	251	231
>TRIM33-V1;SLLDTCAV	9	>TRIM33-V1;SLLDTCAM	498	489
>TRIM33-V1;SLLDTCAV	7	>TRIM33-V1;SLLDTCAM	79	72
>TRIM33-V1;SLLDTCAV	1	>TRIM33-V1;SLLDTCAM	7	6
>TRIM33-V1;SLLDTCAVC	21	>TRIM33-V1;SLLDTCAMC	10	11
>TRIM33-V1;SLLDTCAVCQ	73	>TRIM33-V1;SLLDTCAMCC	131	58
>TRIM33-V1;SLLDTCAV	3	>TRIM33-V1;SLLDTCAM	14	11
>TRIM33-V1;SLLDTCAVC	106	>TRIM33-V1;SLLDTCAMC	187	81
>TRIM33-V1;SLLDTCAV	4	>TRIM33-V1;SLLDTCAM	16	12
>TRIM33-V1;SLLDTCAVC	170	>TRIM33-V1;SLLDTCAMC	77	93
>TRIM33-V1;SLLDTCAVCQ	202	>TRIM33-V1;SLLDTCAMCC	204	2
>TRIM33-V1;SLLDTCAVCQ	46	>TRIM33-V1;SLLDTCAMCC	60	14
>TRIM33-V1;SLLDTCAV	2	>TRIM33-V1;SLLDTCAM	19	17
>TRIM33-V1;SLLDTCAVC	113	>TRIM33-V1;SLLDTCAMC	73	40
>TRIM33-V1;SLLDTCAV	1	>TRIM33-V1;SLLDTCAM	6	5
>TRIM33-V1;SLLDTCAVC	7	>TRIM33-V1;SLLDTCAMC	6	1
>TRIM33-V1;SLLDTCAVCQ	56	>TRIM33-V1;SLLDTCAMCC	47	9
>TRIM33-V1;SLLDTCAVCQ	8	>TRIM33-V1;SLLDTCAMCC	9	1
>TRIM33-V1;SLLDTCAV	20	>TRIM33-V1;SLLDTCAM	321	301
>TRIM33-V1;SLLDTCAV	3245	>TRIM33-V1;SLLDTCAM	232	3013
>TRIM33-V1;SLLDTCAV	1625	>TRIM33-V1;SLLDTCAM	419	1206
>TRIM33-V1;ASLLDTCAV	2425	>TRIM33-V1;ASLLDTCAM	129	2296
>TRIM33-V1;ASLLDTCAV	322	>TRIM33-V1;ASLLDTCAM	8163	7841
>TRIM33-V1;ASLLDTCAV	1201	>TRIM33-V1;ASLLDTCAM	280	921

>TRIM33-V1:ASLLDTCAV	1089	>TRIM33-V1:ASLLDTCAM	25	1064
>TRIP11-E16:ELEKQKQL	387	>TRIP11-E16:KLEKQKQL	63	324
>TRIP11-E16:ELEKQKQLI	1033	>TRIP11-E16:KLEKQKQLI	164	869
>TRIP11-E16:ELEKQKQLIA	2511	>TRIP11-E16:KLEKQKQLIA	459	2052
>TRIP11-E16:AELEKQKQL	107	>TRIP11-E16:AKLEKQKQL	10285	10178
>TRIP11-E16:AELEKQKQLI	10	>TRIP11-E16:AKLEKQKQLI	793	783
>TRIP11-E16:AELEKQKQL	9164	>TRIP11-E16:AKLEKQKQL	245	8919
>TRIP11-E16:AELEKQKQLI	10624	>TRIP11-E16:AKLEKQKQLI	490	10134
>TRIP11-E16:AELEKQKQL	66	>TRIP11-E16:AKLEKQKQL	25284	25218
>TRIP11-E16:AELEKQKQLI	108	>TRIP11-E16:AKLEKQKQLI	26214	26106
>TRIP11-E16:AELEKQKQL	226	>TRIP11-E16:AKLEKQKQL	17475	17249
>TRIP11-E16:AELEKQKQL	316	>TRIP11-E16:AKLEKQKQL	26985	26669
>TRIP11-E16:AELEKQKQLI	17	>TRIP11-E16:AKLEKQKQLI	12755	12738
>TRIP11-E16:AELEKQKQL	40	>TRIP11-E16:AKLEKQKQL	14097	14057
>TRIP11-E16:AELEKQKQLI	6	>TRIP11-E16:AKLEKQKQLI	1465	1459
>TRIP11-E16:SAELEKQK	10395	>TRIP11-E16:SAKLEKQK	135	10260
>TRIP11-E16:YSAELEKQK	46	>TRIP11-E16:YSAKLEKQK	64	18
>TRIP11-E16:YSAELEKQKQ	15	>TRIP11-E16:YSAKLEKQKQ	20	5
>TRIP11-E16:YSAELEKQKQ	739	>TRIP11-E16:YSAKLEKQKQ	224	515
>TRIP11-E16:MYSAELEK	379	>TRIP11-E16:MYSAKLEK	363	16
>TRIP11-E16:MYSAELEK	161	>TRIP11-E16:MYSAKLEK	60	101
>TRIP11-E16:MYSAELEK	3174	>TRIP11-E16:MYSAKLEK	366	2808
>TRIP11-E16:MYSAELEK	346	>TRIP11-E16:MYSAKLEK	491	145
>TRIP11-E16:AMYSAELEKC	413	>TRIP11-E16:AMYSAKLEKC	437	24
>TRIP11-E16:AMYSAELEKC	86	>TRIP11-E16:AMYSAKLEKC	88	2
>TRIP11-E16:AMYSAELEK	33	>TRIP11-E16:AMYSAKLEK	30	3
>TRIP11-E16:AMYSAELEKC	51	>TRIP11-E16:AMYSAKLEKC	46	5
>TRIP11-E16:AMYSAELEK	12	>TRIP11-E16:AMYSAKLEK	10	2
>TRIP11-E16:AMYSAELEKC	32	>TRIP11-E16:AMYSAKLEKC	31	1
>TRIP11-E16:AMYSAELEK	150	>TRIP11-E16:AMYSAKLEK	62	88
>TRIP11-E16:AMYSAELEKC	758	>TRIP11-E16:AMYSAKLEKC	442	316
>TRIP11-E16:AMYSAELEK	1570	>TRIP11-E16:AMYSAKLEK	193	1377
>TRIP11-E16:AMYSAELEK	151	>TRIP11-E16:AMYSAKLEK	167	16
>TRIP11-E16:AMYSAELEKC	462	>TRIP11-E16:AMYSAKLEKC	457	5
>TRIP11-E16:KAMYSael	381	>TRIP11-E16:KAMYSaKl	1813	1432
>TRIP11-E16:KAMYSael	86	>TRIP11-E16:KAMYSaKl	386	300
>TRIP11-E16:KAMYSael	130	>TRIP11-E16:KAMYSaKl	860	730
>TRIP11-E16:KAMYSaeLEK	28	>TRIP11-E16:KAMYSaKLEK	18	10
>TRIP11-E16:KAMYSaeLEK	13	>TRIP11-E16:KAMYSaKLEK	13	0
>TRIP11-E16:KAMYSaeLEK	32	>TRIP11-E16:KAMYSaKLEK	13	19
>TRIP11-E16:KAMYSaeLEK	935	>TRIP11-E16:KAMYSaKLEK	326	609
>TRIP11-E16:KAMYSael	251	>TRIP11-E16:KAMYSaKl	361	110
>TRIP11-E16:KAMYSaeLEK	429	>TRIP11-E16:KAMYSaKLEK	483	54

>TRIP11-E16:KAMYSAEL	94	>TRIP11-E16:KAMYSAKL	181	87
>TRIP11-E16:KAMYSAEL	6	>TRIP11-E16:KAMYSAKL	5	1
>TRIP11-E16:KAMYSAEL	59	>TRIP11-E16:KAMYSAKL	113	54
>TRIP11-E16:KAMYSAELEK	836	>TRIP11-E16:KAMYSAKLEK	453	383
>TRIP11-E16:EKAMYSAE	18566	>TRIP11-E16:EKAMYSAK	248	18318
>TRIP11-E16:EKAMYSAELE	357	>TRIP11-E16:EKAMYSAKLE	437	80
>TRIP11-E16:EKAMYSAEL	115	>TRIP11-E16:EKAMYSAKL	320	205
>TRIP11-E16:EKAMYSAEL	163	>TRIP11-E16:EKAMYSAKL	656	493
>TRIP11-E16:EEKAMYSAEL	205	>TRIP11-E16:EEKAMYSAKL	698	493
>TRIP11-E16:EEKAMYSAEL	107	>TRIP11-E16:EEKAMYSAKL	167	60
>TRIP11-E16:EEKAMYSAEL	97	>TRIP11-E16:EEKAMYSAKL	221	124
>TRIP11-E16:EEKAMYSAEL	178	>TRIP11-E16:EEKAMYSAKL	438	260
>TRIP11-E16:EEKAMYSAE	378	>TRIP11-E16:EEKAMYSAK	256	122
>TRIP11-E16:QEEKAMYSAI	60	>TRIP11-E16:QEEKAMYSAI	185	125
>TRIP11-E16:QEEKAMYSAI	35	>TRIP11-E16:QEEKAMYSAI	46	11
>TRIP11-E16:QEEKAMYSAI	484	>TRIP11-E16:QEEKAMYSAI	387	97
>TRIP11-E16:QEEKAMYSAI	216	>TRIP11-E16:QEEKAMYSAI	190	26
>TRIP11-E16:QEEKAMYSAI	233	>TRIP11-E16:QEEKAMYSAI	113	120
>TRIP11-E34:EECENLKL	292	>TRIP11-E34:KECENLKL	708	416
>TRIP11-E34:EECENLKL	204	>TRIP11-E34:KECENLKL	41	163
>TRIP11-E34:EECENLKL	1600	>TRIP11-E34:KECENLKL	243	1357
>TRIP11-E34:EECENLKL	474	>TRIP11-E34:KECENLKL	1299	825
>TRIP11-E34:MEECENLKL	33	>TRIP11-E34:MKECENLKL	15176	15143
>TRIP11-E34:MEECENLKL	494	>TRIP11-E34:MKECENLKL	25395	24901
>TRIP11-E34:QLNVEKRQIM	18706	>TRIP11-E34:QLNVEKRQIM	239	18467
>TRIP11-E34:IMEECENL	455	>TRIP11-E34:IMKECENL	634	179
>TRIP11-E34:IMEECENLKL	435	>TRIP11-E34:IMKECENLKL	771	336
>TRIP11-E34:IMEECENL	21	>TRIP11-E34:IMKECENL	24	3
>TRIP11-E34:IMEECENLKL	53	>TRIP11-E34:IMKECENLKL	33	20
>TRIP11-E34:IMEECENL	1801	>TRIP11-E34:IMKECENL	52	1749
>TRIP11-E34:IMEECENLKL	934	>TRIP11-E34:IMKECENLKL	205	729
>TRIP11-E34:IMEECENL	219	>TRIP11-E34:IMKECENL	422	203
>TRIP11-E34:IMEECENLKL	296	>TRIP11-E34:IMKECENLKL	609	313
>TRIP11-E34:IMEECENL	189	>TRIP11-E34:IMKECENL	415	226
>TRIP11-E34:IMEECENLKL	167	>TRIP11-E34:IMKECENLKL	398	231
>TRIP11-E34:IMEECENL	22	>TRIP11-E34:IMKECENL	25	3
>TRIP11-E34:IMEECENLKL	30	>TRIP11-E34:IMKECENLKL	35	5
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>TRIP11-E34:IMEECENLK	5208	>TRIP11-E34:IMKECENLK	443	4765
>TRIP11-E34:IMEECENL	2289	>TRIP11-E34:IMKECENL	149	2140
>TRIP11-E34:IMEECENLKL	2627	>TRIP11-E34:IMKECENLKL	169	2458

>TRIP11-E34:QIMEECENL	19	>TRIP11-E34:QIMKECENL	70	51
>TRIP11-E34:QIMEECENLK	83	>TRIP11-E34:QIMKECENLK	298	215
>TRIP11-E34:QIMEECENL	217	>TRIP11-E34:QIMKECENL	1335	1118
>TRIP11-E34:QIMEECENLK	344	>TRIP11-E34:QIMKECENLK	2039	1695
>TRIP11-E34:QIMEECENL	304	>TRIP11-E34:QIMKECENL	4895	4591
>TRIP11-E34:QIMEECENLK	201	>TRIP11-E34:QIMKECENLK	248	47
>TRIP11-E34:QIMEECENLK	335	>TRIP11-E34:QIMKECENLK	540	205
>TRIP11-E34:QIMEECENL	336	>TRIP11-E34:QIMKECENL	3266	2930
>TRIP11-E34:QIMEECENLK	385	>TRIP11-E34:QIMKECENLK	2432	2047
>TRIP11-E34:RQIMEECENL	375	>TRIP11-E34:RQIMKECENL	814	439
>TRIP11-E34:RQIMEECENL	109	>TRIP11-E34:RQIMKECENL	102	7
>TRIP11-E34:RQIMEECENL	1723	>TRIP11-E34:RQIMKECENL	398	1325
>TRIP11-E34:RQIMEECENL	498	>TRIP11-E34:RQIMKECENL	551	53
>TRIP11-E34:RQIMEECENL	28	>TRIP11-E34:RQIMKECENL	45	17
>TRIP11-E34:RQIMEECENL	438	>TRIP11-E34:RQIMKECENL	505	67
>TRIP11-E34:KRQIMEEC	185	>TRIP11-E34:KRQIMKEC	158	27
>TRIP11-E34:KRQIMEECEN	535	>TRIP11-E34:KRQIMKECEN	394	141
>TRIP11-E34:KRQIMEECEN	64	>TRIP11-E34:KRQIMKECEN	49	15
>TRIP11-E34:KRQIMEECEN	74	>TRIP11-E34:KRQIMKECEN	49	25
>TRIP11-E34:NVEKRQIME	16846	>TRIP11-E34:NVEKRQIMK	124	16722
>TRIP11-E53:EKKRVHQL	1087	>TRIP11-E53:AKKRVHQL	94	993
>TRIP11-E53:DEKKRVHQL	208	>TRIP11-E53:DAKKRVHQL	21330	21122
>TRIP11-E53:DEKKRVHQL	131	>TRIP11-E53:DAKKRVHQL	29	102
>TRIP11-E53:DEKKRVHQL	58	>TRIP11-E53:DAKKRVHQL	13111	13053
>TRIP11-E53:DLNDEKKRV	278	>TRIP11-E53:DLNDAKKRV	222	56
>TRIP11-E53:DLNDEKKRV	1007	>TRIP11-E53:DLNDAKKRV	298	709
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>TRIP11-E53:DLNDEKKR	542	>TRIP11-E53:DLNDAKKR	469	73
>TRIP11-E53:DLNDEKKR	716	>TRIP11-E53:DLNDAKKR	366	350
>TRIP11-E53:QDLNDEKKR	789	>TRIP11-E53:QDLNDAKKR	436	353
>TRIP11-E53:KQDLNDEKKR	631	>TRIP11-E53:KQDLNDAKKR	409	222
>TRIP11-E53:KLKQDLNDE	16240	>TRIP11-E53:KLKQDLNDA	56	16184
>TRIP11-E53:KLKQDLNDE	20079	>TRIP11-E53:KLKQDLNDA	390	19689
>TRIP11-E53:KLKQDLNDE	1280	>TRIP11-E53:KLKQDLNDA	317	963
>TRIP11-E53:KLKQDLNDE	130	>TRIP11-E53:KLKQDLNDA	84	46
>TRIP11-E53:KLKQDLNDE	364	>TRIP11-E53:KLKQDLNDA	46	318
>TRIP11-G19 GVVVKDLLK	87	>TRIP11-G19 EVVVKDLLK	1110	1023
>TRIP11-G19 GVVVKDLL	18726	>TRIP11-G19 EVVVKDLL	310	18416
>TRIP11-G19 GVVVKDLLK	1022	>TRIP11-G19 EVVVKDLLK	21	1001
>TRIP11-G19 GVVVKDLL	11492	>TRIP11-G19 EVVVKDLL	98	11394
>TRIP11-G19 AGVVVKDL	39197	>TRIP11-G19 AEVVVKDL	270	38927
>TRIP11-G19 AGVVVKDLL	23686	>TRIP11-G19 AEVVVKDLL	170	23516
>TRIP11-G19 AGVVVKDL	21998	>TRIP11-G19 AEVVVKDL	58	21940

>TRIP11-G19 AGVVLKDLL	20218	>TRIP11-G19 AEVVLKDLL	18	20200
>TRIP11-G19 AGVVLKDL	35746	>TRIP11-G19 AEVVLKDL	127	35619
>TRIP11-G19 AGVVLKDLL	35214	>TRIP11-G19 AEVVLKDLL	76	35138
>TRIP11-G19 AGVVLKDL	34719	>TRIP11-G19 AEVVLKDL	116	34603
>TRIP11-G19 AGVVLKDLL	36295	>TRIP11-G19 AEVVLKDLL	146	36149
>TRIP11-G19 AGVVLKDLLK	26603	>TRIP11-G19 AEVVLKDLLK	331	26272
>TRIP11-G19 AGVVLKDLL	18920	>TRIP11-G19 AEVVLKDLL	10	18910
>TRIP11-G19 SAGVVLKDLL	119	>TRIP11-G19 SAEVVLKDLLI	235	116
>TRIP11-G19 NSAGVVLKDI	522	>TRIP11-G19 NSAEVVLKDL	409	113
>TRIP11-G19 NSAGVVLK	53	>TRIP11-G19 NSAEVVLK	54	1
>TRIP11-G19 NSAGVVLK	10	>TRIP11-G19 NSAEVVLK	9	1
>TRIP11-G19 NSAGVVLKDI	59	>TRIP11-G19 NSAEVVLKDL	57	2
>TRIP11-G19 DNSAGVVLK	320	>TRIP11-G19 DNSAEVVLK	403	83
>TRIP11-G19 PDNSAGVV	76	>TRIP11-G19 PDNSAEVV	71	5
>TRIP11-G19 LPDNSAGVVI	49	>TRIP11-G19 LPDNSAEVVL	50	1
>TRIP11-G19 LPDNSAGVV	139	>TRIP11-G19 LPDNSAEVV	1072	933
>TRIP11-G19 LPDNSAGVVI	82	>TRIP11-G19 LPDNSAEVVL	178	96
>TRIP11-G19 LPDNSAGVVI	245	>TRIP11-G19 LPDNSAEVVL	219	26
>TRIP11-G19 LPDNSAGVVI	94	>TRIP11-G19 LPDNSAEVVL	110	16
>TRIP11-G19 LPDNSAGVV	415	>TRIP11-G19 LPDNSAEVV	2569	2154
>TRIP11-G19 LPDNSAGVVI	639	>TRIP11-G19 LPDNSAEVVL	398	241
>TRIP11-G19 ALPDNSAGV	24	>TRIP11-G19 ALPDNSAEV	16	8
>TRIP11-G19 ALPDNSAGV\	330	>TRIP11-G19 ALPDNSAEV\	246	84
>TRIP11-G19 ALPDNSAGV	8	>TRIP11-G19 ALPDNSAEV	6	2
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>TRIP11-G19 ALPDNSAGV\	38	>TRIP11-G19 ALPDNSAEV\	36	2
>TRIP11-G19 ALPDNSAGV	4	>TRIP11-G19 ALPDNSAEV	5	1
>TRIP11-G19 ALPDNSAGV\	77	>TRIP11-G19 ALPDNSAEV\	139	62
>TRIP11-G19 ALPDNSAGV\	90	>TRIP11-G19 ALPDNSAEV\	217	127
>TRIP11-G19 ALPDNSAGV	14	>TRIP11-G19 ALPDNSAEV	17	3
>TRIP11-G19 ALPDNSAGV\	292	>TRIP11-G19 ALPDNSAEV\	463	171
>TRIP11-G19 ALPDNSAGV	2	>TRIP11-G19 ALPDNSAEV	2	0
>TRIP11-G19 ALPDNSAGV\	5	>TRIP11-G19 ALPDNSAEV\	3	2
>TRIP11-G19 ALPDNSAGV\	13	>TRIP11-G19 ALPDNSAEV\	19	6
>TRIP11-G19 ALPDNSAGV	3	>TRIP11-G19 ALPDNSAEV	4	1
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>TRIP11-G19 ALPDNSAGV\	20	>TRIP11-G19 ALPDNSAEV\	29	9
>TRIP11-G19 ALPDNSAGV	5	>TRIP11-G19 ALPDNSAEV	6	1
>TRIP11-G19 ALPDNSAGV\	15	>TRIP11-G19 ALPDNSAEV\	9	6
>TRIP11-G19 ALPDNSAGV\	28	>TRIP11-G19 ALPDNSAEV\	33	5
>TRIP11-G19 ALPDNSAGV	3	>TRIP11-G19 ALPDNSAEV	4	1
>TRIP11-G19 ALPDNSAGV\	32	>TRIP11-G19 ALPDNSAEV\	8	24
>TRIP11-G19 ALPDNSAGV\	93	>TRIP11-G19 ALPDNSAEV\	93	0

>TRIP11-G19 ALPDNSAGV	1	>TRIP11-G19 ALPDNSAEV	1	0
>TRIP11-G19 ALPDNSAGV\	2	>TRIP11-G19 ALPDNSAEV\	2	0
>TRIP11-G19 ALPDNSAGV\	4	>TRIP11-G19 ALPDNSAEV\	4	0
>TRIP11-G19 ALPDNSAGV	490	>TRIP11-G19 ALPDNSAEV	391	99
>TRIP11-G19 ALPDNSAGV\	72	>TRIP11-G19 ALPDNSAEV\	233	161
>TRIP11-G19 PALPDNSAG\	344	>TRIP11-G19 PALPDNSAEV	706	362
>TRIP11-G19 LPALPDNSAG	104	>TRIP11-G19 LPALPDNSAE	70	34
>TRIP11-G19 LPALPDNSAG	692	>TRIP11-G19 LPALPDNSAE	264	428
>TRIP11-G19 LPALPDNSAG	364	>TRIP11-G19 LPALPDNSAE	177	187
>TRIP11-G19 LPALPDNSAG	28	>TRIP11-G19 LPALPDNSAE	20	8
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>TRIP11-K10. EKNISLTKQI	166	>TRIP11-K10. ENNISLTKQI	344	178
>TRIP11-K10. EKNISLTK	1386	>TRIP11-K10. ENNISLTK	331	1055
>TRIP11-K10. RELEIKLLNEK	282	>TRIP11-K10. RELEIKLLNEN	334	52
>TRIP11-K10. NEKNISLTKQI	6	>TRIP11-K10. NENNISLTKQ	5	1
>TRIP11-K10. NEKNISLTKQI	633	>TRIP11-K10. NENNISLTKQ	448	185
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>TRIP11-K10. NEKNISLTKQI	1167	>TRIP11-K10. NENNISLTKQ	291	876
>TRIP11-K10. NEKNISLT	867	>TRIP11-K10. NENNISLT	479	388
>TRIP11-K10. NEKNISLTKQI	14	>TRIP11-K10. NENNISLTKQ	28	14
>TRIP11-K10. LLNEKNISL	30	>TRIP11-K10. LLNENNISL	29	1
>TRIP11-K10. LLNEKNISL	9	>TRIP11-K10. LLNENNISL	9	0
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>TRIP11-K10. LLNEKNISL	5	>TRIP11-K10. LLNENNISL	3	2
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>TRIP11-K10. LLNEKNISLTK	50	>TRIP11-K10. LLNENNISLTK	53	3
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>TRIP11-K10. KLLNEKNI	718	>TRIP11-K10. KLLNENNI	77	641
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>TRIP11-K10.KLLNEKNISL	171	>TRIP11-K10.KLLNENNISL	139	32
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>TRIP11-K10.KLLNEKNI	121	>TRIP11-K10.KLLNENNI	40	81
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>TRIP11-K10.IKLLNEKNI	117	>TRIP11-K10.IKLLNENNI	134	17
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>TRIP11-K10.LEIKLLNEKNI	17	>TRIP11-K10.LEIKLLNENNI	30	13
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>TRIP11-K12.RDKLKQQVKI	346	>TRIP11-K12.RDNLKQQVK	3874	3528
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>TRIP11-K12.QERDKLKQQ'	153	>TRIP11-K12.QERDNLKQQ	139	14
>TRIP11-K12.LLQERDKL	138	>TRIP11-K12.LLQERDNL	41	97
>TRIP11-K12.LLQERDKL	160	>TRIP11-K12.LLQERDNL	150	10
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>TRIP11-K12.LLQERDKL	627	>TRIP11-K12.LLQERDNL	401	226
>TRIP11-K12.LLQERDKL	9	>TRIP11-K12.LLQERDNL	9	0

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>TRIP11-K12 LLQERDKLKQ	144	>TRIP11-K12 LLQERDNLKC	78	66
>TRIP11-K12 ELLQERDKL	220	>TRIP11-K12 ELLQERDNL	220	0
>TRIP11-K12 EELLQERDKL	201	>TRIP11-K12 EELLQERDNL	176	25
>TRIP11-K12 FEELLQERDKI	112	>TRIP11-K12 FEELLQERDN	94	18
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>TRIP11-L28 LSKIYEMQK	14	>TRIP11-L28 FSKIYEMQK	285	271
>TRIP11-L28 LSKIYEMQKT	415	>TRIP11-L28 FSKIYEMQKT	5114	4699
>TRIP11-L28 LSKIYEMQK	391	>TRIP11-L28 FSKIYEMQK	82	309
>TRIP11-L28 LSKIYEMQKT	43	>TRIP11-L28 FSKIYEMQKT	63	20
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>TRIP11-L28 DLSKIYEMQK	836	>TRIP11-L28 DFSKIYEMQK	432	404
>TRIP11-L28 TDLSKIYEMQ	4962	>TRIP11-L28 TDFSKIYEMQ	301	4661
>TRIP11-L28 TDLSKIYEM	1201	>TRIP11-L28 TDFSKIYEM	252	949
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>TRIP11-L28 ETDLSKIY	22	>TRIP11-L28 ETDFSKIY	25	3
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>TRIP11-L28 ETDLSKIYEM	2262	>TRIP11-L28 ETDFSKIYEM	331	1931
>TRIP11-L28 ETDLSKIYEM	74	>TRIP11-L28 ETDFSKIYEM	34	40
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>TRIP11-L28 ETDLSKIYEM	347	>TRIP11-L28 ETDFSKIYEM	381	34
>TRIP11-L28 ETDLSKIY	324	>TRIP11-L28 ETDFSKIY	399	75
>TRIP11-L28 ETDLSKIY	893	>TRIP11-L28 ETDFSKIY	299	594
>TRIP11-L28 IETDLSKIY	272	>TRIP11-L28 IETDFSKIY	188	84
>TRIP11-L28 IETDLSKIYEM	150	>TRIP11-L28 IETDFSKIYEM	120	30
>TRIP11-L28 IETDLSKIY	880	>TRIP11-L28 IETDFSKIY	179	701
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>TRIP11-L28 IETDLSKI	239	>TRIP11-L28 IETDFSKI	118	121
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>TRIP11-L28 VIETDLSKIY	453	>TRIP11-L28 VIETDFSKIY	206	247
>TRIP11-L28 VIETDLSK	397	>TRIP11-L28 VIETDFSK	148	249
>TRIP11-L28 GVIETDLSKI	211	>TRIP11-L28 GVIETDFSKI	349	138
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>TRIP11-P18.GSKSVNTPL	25	>TRIP11-P18.GSKSVRNTPL	15	10
>TRIP11-P18.GSKSVNTPL	219	>TRIP11-P18.GSKSVRNTPL	137	82
>TRIP11-P18.WLGGGSKSV	18220	>TRIP11-P18.WLGGGSKSV	48	18172
>TRIP11-Q15.QMENTALQN	2113	>TRIP11-Q15.KMENTALQN	209	1904
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>TRIP11-Q15.KQMENTAL	8	>TRIP11-Q15.KKMENTAL	479	471
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>TRIP11-Q15 KQKQMENTA	36	>TRIP11-Q15 KQKKMENTA	23	13
>TRIP11-Q15 KQKQMENTA	464	>TRIP11-Q15 KQKKMENTA	310	154
>TRIP11-Q15 LKQKQMENT	44	>TRIP11-Q15 LKQKKMENT,	77	33
>TRIP11-Q15 ALKQKQMEN	161	>TRIP11-Q15 ALKQKKMEN	382	221
>TRIP11-Q15 ALKQKQMEN	27	>TRIP11-Q15 ALKQKKMEN	47	20
>TRIP11-Q15 ALKQKQMEN	505	>TRIP11-Q15 ALKQKKMEN	361	144
>TRIP11-Q15 LALKQKQM	125	>TRIP11-Q15 LALKQKKM	251	126
>TRIP11-Q15 MLALKQKQM	263	>TRIP11-Q15 MLALKQKKM	434	171
>TRIP11-Q15 MLALKQKQ	254	>TRIP11-Q15 MLALKQKK	3151	2897
>TRIP11-Q15 MLALKQKQM	229	>TRIP11-Q15 MLALKQKKM	758	529
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>TSC1-D47G- TLVDYYLET	76	>TSC1-D47G- TLVGYYLET	187	111
>TSC1-D47G- TLVDYYLETSS	437	>TSC1-D47G- TLVGYYLETSS	890	453
>TSC1-D47G- TLVDYYLET	91	>TSC1-D47G- TLVGYYLET	366	275
>TSC1-D47G- TLVDYYLET	154	>TSC1-D47G- TLVGYYLET	1244	1090
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>TSC1-D47G- TLVDYYLET	18	>TSC1-D47G- TLVGYYLET	42	24
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>TSC1-D47G- NTLVDYYL	488	>TSC1-D47G- NTLVGYYL	305	183
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>TSC1-D47G- NTLVDYYL	44	>TSC1-D47G- NTLVGYYL	22	22
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>TSC1-D47G- NTLVDYYL	2138	>TSC1-D47G- NTLVGYYL	499	1639
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>TSC1-D47G-LVNTLVDYY	500	>TSC1-D47G-LVNTLVGY	424	76
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>TSC1-D47G-LVNTLVDYYL	178	>TSC1-D47G-LVNTLVGYL	159	19
>TSC1-D47G-LVNTLVDYYL	167	>TSC1-D47G-LVNTLVGYL	107	60
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>TSC1-D47G-LVNTLVDYY	48	>TSC1-D47G-LVNTLVGY	45	3
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>TSC1-D47G-LVNTLVDYY	210	>TSC1-D47G-LVNTLVGY	103	107
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>TSC1-D47G-MLVNTLVDY^	16	>TSC1-D47G-MLVNTLVGY^	15	1
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>TSC1-D47G-MLVNTLVDY^	5	>TSC1-D47G-MLVNTLVGY^	4	1
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>TSC1-D47G-MLVNTLVDY^	21	>TSC1-D47G-MLVNTLVGY^	19	2
>TSC1-D47G-MLVNTLVDY^	381	>TSC1-D47G-MLVNTLVGY^	384	3
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>TSC1-D47G-MLVNTLVDY^	4	>TSC1-D47G-MLVNTLVGY^	4	0
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>TSC1-D47G-MLVNTLVDY^	14	>TSC1-D47G-MLVNTLVGY^	8	6
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>TSC1-D47G-MLVNTLVDY^	4	>TSC1-D47G-MLVNTLVGY^	3	1
>TSC1-D47G-MLVNTLVDY^	487	>TSC1-D47G-MLVNTLVGY^	169	318
>TSC1-D47G-MLVNTLVDY	2157	>TSC1-D47G-MLVNTLVGY	97	2060
>TSC1-D47G-MLVNTLVDY^	1086	>TSC1-D47G-MLVNTLVGY^	231	855
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>TSC1-D47G-MLVNTLVGY`	946	>TSC1-D47G-MLVNTLVGY`	397	549
>TSC1-D47G-MLVNTLVGY`	297	>TSC1-D47G-MLVNTLVGY`	193	104
>TSC1-D47G-MLVNTLVGY`	147	>TSC1-D47G-MLVNTLVGY`	21	126
>TSC1-D47G-MLVNTLVGY`	118	>TSC1-D47G-MLVNTLVGY`	145	27
>TSC1-D47G-MLVNTLVGY`	1456	>TSC1-D47G-MLVNTLVGY`	455	1001
>TSC1-D47G-MLVNTLVGY`	186	>TSC1-D47G-MLVNTLVGY`	345	159
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>TSC1-D47G-MLVNTLVGY`	117	>TSC1-D47G-MLVNTLVGY`	64	53
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>TSC1-D47G-MLVNTLVGY`	305	>TSC1-D47G-MLVNTLVGY`	156	149
>TSC1-D47G-MLVNTLVGY`	470	>TSC1-D47G-MLVNTLVGY`	234	236
>TSC1-D47G-MLVNTLVGY`	26	>TSC1-D47G-MLVNTLVGY`	42	16
>TSC1-D47G-MLVNTLVGY`	101	>TSC1-D47G-MLVNTLVGY`	148	47
>TSC1-D47G-MLVNTLVGY`	612	>TSC1-D47G-MLVNTLVGY`	309	303
>TSC1-D47G-MLVNTLVGY`	1006	>TSC1-D47G-MLVNTLVGY`	128	878
>TSC1-D47G-MLVNTLVGY`	1209	>TSC1-D47G-MLVNTLVGY`	381	828
>TSC1-D47G-MLVNTLVGY`	505	>TSC1-D47G-MLVNTLVGY`	415	90
>TSC1-D47G-PMLVNTLVG`	493	>TSC1-D47G-PMLVNTLVG`	221	272
>TSC1-D47G-PMLVNTLVG`	25	>TSC1-D47G-PMLVNTLVG`	16	9
>TSC1-D47G-PMLVNTLVG`	437	>TSC1-D47G-PMLVNTLVG`	748	311
>TSC1-D47G-PMLVNTLVG`	199	>TSC1-D47G-PMLVNTLVG`	69	130
>TSC1-D47G-PMLVNTLVG`	530	>TSC1-D47G-PMLVNTLVG`	202	328
>TSC1-D47G-PMLVNTLVG`	762	>TSC1-D47G-PMLVNTLVG`	456	306
>TSC1-D47G-PMLVNTLVG`	111	>TSC1-D47G-PMLVNTLVG`	160	49
>TSC1-D47G-PMLVNTLVG`	371	>TSC1-D47G-PMLVNTLVG`	443	72
>TSC1-D47G-GPMLVNTLVG`	172	>TSC1-D47G-GPMLVNTLVG`	138	34
>TSC1-D47G-GPMLVNTLVG`	403	>TSC1-D47G-GPMLVNTLVG`	549	146
>TSC1-D47G-GPMLVNTLVG`	488	>TSC1-D47G-GPMLVNTLVG`	2097	1609
>TSC1-G461FLPGFLGDL	381	>TSC1-G461FLPEFLGDL	380	1
>TSC1-G461FLPGFLGDLA	15	>TSC1-G461FLPEFLGDLA	14	1
>TSC1-G461FLDLPGFLGDL	489	>TSC1-G461FLDLPEFLGDL	576	87
>TSC1-G461FLSDLPGFLGDL	466	>TSC1-G461FLSDLPEFLGDL	146	320
>TSC1-G461FLSDLPGFL	150	>TSC1-G461FLSDLPEFL	326	176
>TSC1-G461FLSDLPGFLGD	374	>TSC1-G461FLSDLPEFLGDI	681	307
>TSC1-G461FLSDLPGFL	482	>TSC1-G461FLSDLPEFL	1271	789
>TSC1-G461FLTSLDLPGFL	121	>TSC1-G461FLTSLDLPEFL	25	96
>TSC1-G461FLTSLDLPGF	647	>TSC1-G461FLTSLDLPEF	283	364
>TSC1-G461FLTSLDLPGFL	7	>TSC1-G461FLTSLDLPEFL	3	4
>TSC1-G461FLTSLDLPGFL	10	>TSC1-G461FLTSLDLPEFL	17	7
>TSC1-G461FLTSLDLPGFL	1839	>TSC1-G461FLTSLDLPEFL	307	1532
>TSC1-G461FLTSLDLPGFL	21	>TSC1-G461FLTSLDLPEFL	8	13

>TSC1-G461E TLSDLPGFL	111	>TSC1-G461E TLSDLPEFL	29	82
>TSC1-G461E TLSDLPGFL	49	>TSC1-G461E TLSDLPEFL	19	30
>TSC1-G461E TLSDLPGFL	87	>TSC1-G461E TLSDLPEFL	8	79
>TSC1-G461E TLSDLPGFL	12	>TSC1-G461E TLSDLPEFL	6	6
>TSC1-G461E TLSDLPGFL	277	>TSC1-G461E TLSDLPEFL	78	199
>TSC1-G461E TLSDLPGF	511	>TSC1-G461E TLSDLPEF	455	56
>TSC1-G461E VTLSLDPGFL	893	>TSC1-G461E VTLSLDPPEFL	383	510
>TSC1-G461E VTLSLDPGFL	229	>TSC1-G461E VTLSLDPPEFL	86	143
>TSC1-G461E VTLSLDPGFL	416	>TSC1-G461E VTLSLDPPEFL	712	296
>TSC1-G461E VTLSLDPGF	218	>TSC1-G461E VTLSLDPPEF	341	123
>TSC1-G461E VTLSLDPGFL	339	>TSC1-G461E VTLSLDPPEFL	183	156
>TSC1-G461E VTLSLDPGFL	112	>TSC1-G461E VTLSLDPPEFL	45	67
>TSC1-G461E VTLSLDPGFL	445	>TSC1-G461E VTLSLDPPEFL	170	275
>TSC1-G461E VTLSLDPGFL	1334	>TSC1-G461E VTLSLDPPEFL	344	990
>TSC1-G461E VTLSLDPGF	3495	>TSC1-G461E VTLSLDPPEF	468	3027
>TSC1-G461E VTLSLDPGF	1432	>TSC1-G461E VTLSLDPPEF	215	1217
>TSC1-G461E VTLSLDPGF	8	>TSC1-G461E VTLSLDPPEF	10	2
>TSC1-G461E VTLSLDPGFL	138	>TSC1-G461E VTLSLDPPEFL	160	22
>TSC1-G461E VTLSLDPGFL	251	>TSC1-G461E VTLSLDPPEFL	313	62
>TSC1-G461E VTLSLDPGF	166	>TSC1-G461E VTLSLDPPEF	67	99
>TSC1-G461E VTLSLDPGF	6	>TSC1-G461E VTLSLDPPEF	6	0
>TSC1-G461E VTLSLDPGFL	47	>TSC1-G461E VTLSLDPPEFL	62	15
>TSC1-G461E VTLSLDPGF	396	>TSC1-G461E VTLSLDPPEF	202	194
>TSC1-G461E VTLSLDPGF	70	>TSC1-G461E VTLSLDPPEF	31	39
>TSC1-G461E VTLSLDPGFL	71	>TSC1-G461E VTLSLDPPEFL	174	103
>TSC1-G461E SVTSLDLPGFI	1475	>TSC1-G461E SVTSLDLPPEFL	477	998
>TSC1-G461E SVTSLDLPGF	124	>TSC1-G461E SVTSLDLPPEF	160	36
>TSC1-G461E SVTSLDLPGFI	371	>TSC1-G461E SVTSLDLPPEFL	171	200
>TSC1-G461E SVTSLDLPGF	208	>TSC1-G461E SVTSLDLPPEF	305	97
>TSC1-G461E SVTSLDLPGF	212	>TSC1-G461E SVTSLDLPPEF	178	34
>TSC1-G461E GSVTSLDLPG	368	>TSC1-G461E GSVTSLDLPPEI	474	106
>TSC1-G461E GSVTSLDLPG	769	>TSC1-G461E GSVTSLDLPPEI	356	413
>TSC1-G461E GSVTSLDLPG	12	>TSC1-G461E GSVTSLDLPPEI	15	3
>TSC1-G461E GSVTSLDLPG	982	>TSC1-G461E GSVTSLDLPPEI	498	484
>TSC1-G461E GSVTSLDLPG	91	>TSC1-G461E GSVTSLDLPPEI	49	42
>TSC1-P590S PPPTRVGF	118	>TSC1-P590S PSPTRVGF	213	95
>TSC1-P590S PPPTRVGF	228	>TSC1-P590S PSPTRVGF	30541	30313
>TSC1-P590S IPPPTRVGF	176	>TSC1-P590S IPSPTRVGF	15114	14938
>TSC1-P590S IPPPTRVGF	28	>TSC1-P590S IPSPTRVGF	169	141
>TSC1-P590S IPPPTRVGF	234	>TSC1-P590S IPSPTRVGF	39	195
>TSC1-P590S IPPPTRVGF	494	>TSC1-P590S IPSPTRVGF	124	370
>TSC1-P590S IPPPTRVGF	380	>TSC1-P590S IPSPTRVGF	46	334
>TSC1-P590S IPPPTRVGF	2118	>TSC1-P590S IPSPTRVGF	290	1828

>TSC1-P590S IPPPTRVGF	387	>TSC1-P590S IPSPTRVGF	16562	16175
>TSC1-P590S IPPPTRVGF	1927	>TSC1-P590S IPSPTRVGF	377	1550
>TSC1-P590S KIPPTRV	87	>TSC1-P590S KIPSPTRV	66	21
>TSC1-P590S KIPPTRV	368	>TSC1-P590S KIPSPTRV	775	407
>TSC1-P590S KIPPTRV	26	>TSC1-P590S KIPSPTRV	37	11
>TSC1-P590S KIPPTRV	261	>TSC1-P590S KIPSPTRV	329	68
>TSC1-P590S KIPPTRV	22	>TSC1-P590S KIPSPTRV	39	17
>TSC1-P590S KIPPTRVGF	78	>TSC1-P590S KIPSPTRVGF	50	28
>TSC1-P590S KIPPTRVGF	603	>TSC1-P590S KIPSPTRVGF	375	228
>TSC1-P590S KIPPTRVGF	256	>TSC1-P590S KIPSPTRVGF	344	88
>TSC1-P590S CKIPPTR	381	>TSC1-P590S CKIPSPTR	219	162
>TSC1-P590S CKIPPTRV	215	>TSC1-P590S CKIPSPTRV	96	119
>TSC1-P590S CKIPPTRVGI	7	>TSC1-P590S CKIPSPTRVGI	5	2
>TSC1-P590S SPCKIPPTRV	425	>TSC1-P590S SPCKIPSPTRV	426	1
>TSC1-P590S TPSPCKIPP	1705	>TSC1-P590S TPSPCKIPS	185	1520
>TSC1-P590S TPSPCKIPPPT	190	>TSC1-P590S TPSPCKIPSPT	171	19
>TSC1-P590S FTPSPCKIPP	158	>TSC1-P590S FTPSPCKIPS	78	80
>TSC1-P590S FTPSPCKIPPP	74	>TSC1-P590S FTPSPCKIPSP	95	21
>TSC1-Q65E- QEPHDKHL	247	>TSC1-Q65E- EEPHDKHL	284	37
>TSC1-Q65E- QEPHDKHLL	78	>TSC1-Q65E- EEPHDKHLL	99	21
>TSC1-Q65E- LQEPHDKHLL	3810	>TSC1-Q65E- LEEPDKHLL	128	3682
>TSC1-Q65E- LQEPHDKHL	8836	>TSC1-Q65E- LEEPDKHL	430	8406
>TSC1-Q65E- TLQEPHDKHL	129	>TSC1-Q65E- TLEEPDKHL	200	71
>TSC1-Q65E- TLQEPHDKHL	160	>TSC1-Q65E- TLEEPDKHL	713	553
>TSC1-Q65E- TLQEPHDKHL	42	>TSC1-Q65E- TLEEPDKHL	201	159
>TSC1-Q65E- TLQEPHDKHL	246	>TSC1-Q65E- TLEEPDKHL	1665	1419
>TSC1-Q65E- TLQEPHDKHL	70	>TSC1-Q65E- TLEEPDKHL	484	414
>TSC1-Q65E- TLQEPHDKHL	461	>TSC1-Q65E- TLEEPDKHL	2043	1582
>TSC1-Q65E- TLQEPHDKHL	45	>TSC1-Q65E- TLEEPDKHL	103	58
>TSC1-Q65E- TLQEPHDKHL	10	>TSC1-Q65E- TLEEPDKHL	18	8
>TSC1-Q65E- TLQEPHDK	145	>TSC1-Q65E- TLEEPHDK	1176	1031
>TSC1-Q65E- TTLQEPHDK	62	>TSC1-Q65E- TTLLEPHDK	40	22
>TSC1-Q65E- TTLQEPHDK†	501	>TSC1-Q65E- TTLLEPHDKH	468	33
>TSC1-Q65E- TTLQEPHDK	296	>TSC1-Q65E- TTLLEPHDK	258	38
>TSC1-Q65E- TTLQEPHDK†	1338	>TSC1-Q65E- TTLLEPHDKH	364	974
>TSC1-Q65E- TTLQEPHDK†	71	>TSC1-Q65E- TTLLEPHDKH	92	21
>TSC1-Q65E- TTLQEPHDK	66	>TSC1-Q65E- TTLLEPHDK	78	12
>TSC1-Q65E- LTTLQEPHDK	150	>TSC1-Q65E- LTTLEPHDK	197	47
>TSC1-Q65E- ALHILTTLQ	217	>TSC1-Q65E- ALHILTTL	10161	9944
>TSC1-R204L RSHYSMKE	378	>TSC1-R204L LSHYSMKE	6380	6002
>TSC1-R204L RSHYSMKENI	123	>TSC1-R204L LSHYSMKENI	2888	2765
>TSC1-R204L RSHYSMKENI	142	>TSC1-R204L LSHYSMKENI	366	224
>TSC1-R204L RSHYSMKEN	167	>TSC1-R204L LSHYSMKEN	1912	1745

>TSC1-R204L RSHYSMKENI	8	>TSC1-R204L LSHYSMKENL	30	22
>TSC1-R204L RSHYSMKENI	124	>TSC1-R204L LSHYSMKENL	207	83
>TSC1-R204L LRSHYSMKEN	22923	>TSC1-R204L LLSHYSMKEN	230	22693
>TSC1-R204L LRSHYSMKEN	7864	>TSC1-R204L LLSHYSMKEN	7	7857
>TSC1-R204L LRSHYSMKEN	18806	>TSC1-R204L LLSHYSMKEN	48	18758
>TSC1-R204L LRSHYSMKEN	25981	>TSC1-R204L LLSHYSMKEN	92	25889
>TSC1-R204L LRSHYSMKEN	24114	>TSC1-R204L LLSHYSMKEN	173	23941
>TSC1-R204L LRSHYSMKEN	25562	>TSC1-R204L LLSHYSMKEN	279	25283
>TSC1-R204L LRSHYSMKEN	24497	>TSC1-R204L LLSHYSMKEN	175	24322
>TSC1-R204L LRSHYSMKEN	25346	>TSC1-R204L LLSHYSMKEN	6	25340
>TSC1-R204L LRSHYSMK	15971	>TSC1-R204L LLSHYSMK	39	15932
>TSC1-R204L LRSHYSMK	14146	>TSC1-R204L LLSHYSMK	106	14040
>TSC1-R204L LRSHYSMKEN	181	>TSC1-R204L LLSHYSMKEN	593	412
>TSC1-R204L LRSHYSMK	204	>TSC1-R204L LLSHYSMK	19319	19115
>TSC1-R204L LRSHYSMKEN	369	>TSC1-R204L LLSHYSMKEN	28775	28406
>TSC1-R204L MYPCNFVSFL	22603	>TSC1-R204L MYPCNFVSFL	284	22319
>TSC1-R204L MYPCNFVSFL	459	>TSC1-R204L MYPCNFVSFL	32	427
>TSC1-R204L MYPCNFVSFL	461	>TSC1-R204L MYPCNFVSFL	27	434
>TSC1-R204L MYPCNFVSFL	68	>TSC1-R204L MYPCNFVSFL	4	64
>TSC1-R204L MYPCNFVSFL	20	>TSC1-R204L MYPCNFVSFL	5332	5312
>TSC1-R204L MYPCNFVSFL	41	>TSC1-R204L MYPCNFVSFL	8731	8690
>TSC1-R204L MYPCNFVSFL	33	>TSC1-R204L MYPCNFVSFL	15336	15303
>TSC1-R204L MYPCNFVSFL	16323	>TSC1-R204L MYPCNFVSFL	131	16192
>TSC1-R204L MYPCNFVSFL	13952	>TSC1-R204L MYPCNFVSFL	42	13910
>TSC1-R204L MYPCNFVSFL	15	>TSC1-R204L MYPCNFVSFL	3216	3201
>TSC1-R204L MYPCNFVSFL	7428	>TSC1-R204L MYPCNFVSFL	262	7166
>TSC1-R204L MYPCNFVSFL	1634	>TSC1-R204L MYPCNFVSFL	479	1155
>TSC1-R204L FLRSHYSM	357	>TSC1-R204L FLLSHYSM	12	345
>TSC1-R204L FLRSHYSM	22	>TSC1-R204L FLLSHYSM	10	12
>TSC1-R204L FLRSHYSM	15	>TSC1-R204L FLLSHYSM	26	11
>TSC1-R204L FLRSHYSMK	482	>TSC1-R204L FLLSHYSMK	999	517
>TSC1-R204L FLRSHYSM	1057	>TSC1-R204L FLLSHYSM	26	1031
>TSC1-R204L FLRSHYSM	57	>TSC1-R204L FLLSHYSM	3	54
>TSC1-R204L FLRSHYSMK	6540	>TSC1-R204L FLLSHYSMK	196	6344
>TSC1-R204L FLRSHYSM	310	>TSC1-R204L FLLSHYSM	9	301
>TSC1-R204L FLRSHYSM	2871	>TSC1-R204L FLLSHYSM	21	2850
>TSC1-R204L FLRSHYSM	2803	>TSC1-R204L FLLSHYSM	11	2792
>TSC1-R204L FLRSHYSM	12	>TSC1-R204L FLLSHYSM	5	7
>TSC1-R204L FLRSHYSMK	864	>TSC1-R204L FLLSHYSMK	180	684
>TSC1-R204L FLRSHYSMK	43	>TSC1-R204L FLLSHYSMK	51	8
>TSC1-R204L FLRSHYSMK	4305	>TSC1-R204L FLLSHYSMK	187	4118
>TSC1-R204L FLRSHYSM	1788	>TSC1-R204L FLLSHYSM	405	1383
>TSC1-R204L FLRSHYSMK	113	>TSC1-R204L FLLSHYSMK	5258	5145



>TSC1-R204L FLRSHYSMK	942	>TSC1-R204L FLLSHYSMK	411	531
>TSC1-R204L FLRSHYSM	5871	>TSC1-R204L FLLSHYSM	144	5727
>TSC1-R204L FLRSHYSM	426	>TSC1-R204L FLLSHYSM	9928	9502
>TSC1-R204L FLRSHYSM	15	>TSC1-R204L FLLSHYSM	38	23
>TSC1-R204L FLRSHYSM	47	>TSC1-R204L FLLSHYSM	161	114
>TSC1-R204L FLRSHYSM	130	>TSC1-R204L FLLSHYSM	176	46
>TSC1-R204L FLRSHYSM	14	>TSC1-R204L FLLSHYSM	20	6
>TSC1-R204L FLRSHYSMK	247	>TSC1-R204L FLLSHYSMK	352	105
>TSC1-R204L FLRSHYSM	1434	>TSC1-R204L FLLSHYSM	292	1142
>TSC1-R204L SFLRSHYSMK	120	>TSC1-R204L SFLLSHYSMK	154	34
>TSC1-R204L SFLRSHYSMK	172	>TSC1-R204L SFLLSHYSMK	101	71
>TSC1-R204L SFLRSHYSM	360	>TSC1-R204L SFLLSHYSM	1672	1312
>TSC1-R204L SFLRSHYSMK	23	>TSC1-R204L SFLLSHYSMK	61	38
>TSC1-R204L SFLRSHYSMK	437	>TSC1-R204L SFLLSHYSMK	378	59
>TSC1-R204L SFLRSHYSMK	449	>TSC1-R204L SFLLSHYSMK	830	381
>TSC1-R204L SFLRSHYSM	245	>TSC1-R204L SFLLSHYSM	232	13
>TSC1-R204L SFLRSHYSM	106	>TSC1-R204L SFLLSHYSM	148	42
>TSC1-R204L VSFLRSHYSM	40	>TSC1-R204L VSFLLSHYSM	55	15
>TSC1-R204L VSFLRSHY	459	>TSC1-R204L VSFLLSHY	397	62
>TSC1-R204L VSFLRSHYSM	10	>TSC1-R204L VSFLLSHYSM	8	2
>TSC1-R204L VSFLRSHY	145	>TSC1-R204L VSFLLSHY	62	83
>TSC1-R204L VSFLRSHYSM	88	>TSC1-R204L VSFLLSHYSM	153	65
>TSC1-R204L VSFLRSHY	36	>TSC1-R204L VSFLLSHY	29	7
>TSC1-R204L VSFLRSHYSM	143	>TSC1-R204L VSFLLSHYSM	190	47
>TSC1-R204L VSFLRSHYSM	598	>TSC1-R204L VSFLLSHYSM	339	259
>TSC1-R204L VSFLRSHYSM	57	>TSC1-R204L VSFLLSHYSM	43	14
>TSC1-R204L VSFLRSHY	602	>TSC1-R204L VSFLLSHY	149	453
>TSC1-R204L VSFLRSHY	92	>TSC1-R204L VSFLLSHY	84	8
>TSC1-R204L VSFLRSHYSM	390	>TSC1-R204L VSFLLSHYSM	329	61
>TSC1-R204L VSFLRSHY	52	>TSC1-R204L VSFLLSHY	61	9
>TSC1-R204L VSFLRSHYSM	80	>TSC1-R204L VSFLLSHYSM	95	15
>TSC1-R204L VSFLRSHY	4	>TSC1-R204L VSFLLSHY	4	0
>TSC1-R204L VSFLRSHYSM	6	>TSC1-R204L VSFLLSHYSM	6	0
>TSC1-R204L VSFLRSHY	457	>TSC1-R204L VSFLLSHY	350	107
>TSC1-R204L VSFLRSHYSM	285	>TSC1-R204L VSFLLSHYSM	222	63
>TSC1-R204L VSFLRSHY	416	>TSC1-R204L VSFLLSHY	90	326
>TSC1-R204L VSFLRSHYSM	262	>TSC1-R204L VSFLLSHYSM	85	177
>TSC1-R204L VSFLRSHYSM	190	>TSC1-R204L VSFLLSHYSM	71	119
>TSC1-R204L VSFLRSHYSM	45	>TSC1-R204L VSFLLSHYSM	44	1
>TSC1-R204L VSFLRSHYSM	626	>TSC1-R204L VSFLLSHYSM	282	344
>TSC1-R204L VSFLRSHYSM	241	>TSC1-R204L VSFLLSHYSM	257	16
>TSC1-R204L FVSFLRSHY	774	>TSC1-R204L FVSFLLSHY	310	464
>TSC1-R204L FVSFLRSHYSM	70	>TSC1-R204L FVSFLLSHYSM	23	47

>TSC1-R204L FVSFLRSHYSM	800	>TSC1-R204L FVSFLLSHYSM	177	623
>TSC1-R204L FVSFLRSHYSM	540	>TSC1-R204L FVSFLLSHYSM	161	379
>TSC1-R204L FVSFLRSHY	1955	>TSC1-R204L FVSFLLSHY	202	1753
>TSC1-R204L FVSFLRSHY	1512	>TSC1-R204L FVSFLLSHY	227	1285
>TSC1-R204L FVSFLRSHY	186	>TSC1-R204L FVSFLLSHY	12	174
>TSC1-R204L FVSFLRSHYSM	1991	>TSC1-R204L FVSFLLSHYSM	453	1538
>TSC1-R204L FVSFLRSHY	15	>TSC1-R204L FVSFLLSHY	10	5
>TSC1-R204L FVSFLRSHY	42	>TSC1-R204L FVSFLLSHY	54	12
>TSC1-R204L FVSFLRSHY	120	>TSC1-R204L FVSFLLSHY	291	171
>TSC1-R204L FVSFLRSHYSM	50	>TSC1-R204L FVSFLLSHYSM	72	22
>TSC1-R204L FVSFLRSHY	104	>TSC1-R204L FVSFLLSHY	18	86
>TSC1-R204L FVSFLRSHY	70	>TSC1-R204L FVSFLLSHY	67	3
>TSC1-R204L FVSFLRSHYSM	213	>TSC1-R204L FVSFLLSHYSM	194	19
>TSC1-R204L FVSFLRSHY	489	>TSC1-R204L FVSFLLSHY	429	60
>TSC1-R204L FVSFLRSHYSM	155	>TSC1-R204L FVSFLLSHYSM	137	18
>TSC1-R204L FVSFLRSHY	12	>TSC1-R204L FVSFLLSHY	9	3
>TSC1-R204L FVSFLRSHYSM	55	>TSC1-R204L FVSFLLSHYSM	54	1
>TSC1-R204L FVSFLRSHY	195	>TSC1-R204L FVSFLLSHY	189	6
>TSC1-R204L NFVSFLRSHY	220	>TSC1-R204L NFVSFLLSHY	46	174
>TSC1-R204L NFVSFLRSHY	178	>TSC1-R204L NFVSFLLSHY	220	42
>TSC1-R204L NFVSFLRSHY	445	>TSC1-R204L NFVSFLLSHY	183	262
>TSC1-R204L NFVSFLRSHY	721	>TSC1-R204L NFVSFLLSHY	448	273
>TSC1-R204L NFVSFLRSHY	927	>TSC1-R204L NFVSFLLSHY	109	818
>TSC1-R204L CNFVSFLRSH'	270	>TSC1-R204L CNFVSFLLSH'	157	113
>TSC1-R204L CNFVSFLRSH'	355	>TSC1-R204L CNFVSFLLSH'	387	32
>TSC1-R204L CNFVSFLR	81	>TSC1-R204L CNFVSFLL	12382	12301
>TSC1-R204L CNFVSFLR	29	>TSC1-R204L CNFVSFLL	14113	14084
>TSC1-R204L CNFVSFLRSH'	122	>TSC1-R204L CNFVSFLLSH'	135	13
>TSC1-R204L CNFVSFLRSH'	482	>TSC1-R204L CNFVSFLLSH'	370	112
>TSC1-R204L CNFVSFLRSH'	466	>TSC1-R204L CNFVSFLLSH'	462	4
>TSC1-R204L CNFVSFLR	123	>TSC1-R204L CNFVSFLL	29309	29186
>TSC1-R204L CNFVSFLR	34773	>TSC1-R204L CNFVSFLL	387	34386
>TSC1-R204L YPCNFVSFLR	33541	>TSC1-R204L YPCNFVSFLL	66	33475
>TSC1-R204L YPCNFVSFLR	54	>TSC1-R204L YPCNFVSFLL	10610	10556
>TSC1-R204L YPCNFVSFLR	93	>TSC1-R204L YPCNFVSFLL	8307	8214
>TSC1-R204L YPCNFVSFLR	35	>TSC1-R204L YPCNFVSFLL	21332	21297
>TSC1-R204L YPCNFVSFLR	13038	>TSC1-R204L YPCNFVSFLL	46	12992
>TSC1-R204L YPCNFVSFLR	497	>TSC1-R204L YPCNFVSFLL	520	23
>TSC1-R204L YPCNFVSFLR'	1455	>TSC1-R204L YPCNFVSFLL'	413	1042
>TSC1-R204L YPCNFVSFLR	10657	>TSC1-R204L YPCNFVSFLL	347	10310
>TSC1-R204L YPCNFVSFLR	334	>TSC1-R204L YPCNFVSFLL	28558	28224
>TSC1-R804T RNMI AELR	335	>TSC1-R804T TNMI AELR	3365	3030
>TSC1-R804T RNMI AELR	1674	>TSC1-R804T TNMI AELR	75	1599

>TSC1-R804TRNMIAELRIE	368	>TSC1-R804TTNMIAELRIE	9854	9486
>TSC1-R804TRNMIAELR	173	>TSC1-R804TTNMIAELR	1380	1207
>TSC1-R804TRNMIAELRI	315	>TSC1-R804TTNMIAELRI	2340	2025
>TSC1-R804TCRNMIAELR	25126	>TSC1-R804TCNMIAELR	247	24879
>TSC1-R804TCRNMIAELR	10024	>TSC1-R804TCNMIAELR	49	9975
>TSC1-R804TCRNMIAELR	14313	>TSC1-R804TCNMIAELR	197	14116
>TSC1-R804TCRNMIAELR	537	>TSC1-R804TCNMIAELR	4	533
>TSC1-R804TCRNMIAEL	15092	>TSC1-R804TCNMIAEL	47	15045
>TSC1-R804TCRNMIAEL	26793	>TSC1-R804TCNMIAEL	227	26566
>TSC1-R804TCRNMIAEL	469	>TSC1-R804TCNMIAEL	23802	23333
>TSC1-R804TCRNMIAELR	329	>TSC1-R804TCNMIAELR	22352	22023
>TSC1-R804TCRNMIAELRI	183	>TSC1-R804TCNMIAELRI	25215	25032
>TSC1-R804TCRNMIAEL	126	>TSC1-R804TCNMIAEL	17826	17700
>TSC1-R804TCRNMIAEL	95	>TSC1-R804TCNMIAEL	6306	6211
>TSC1-R804TCRNMIAELRI	377	>TSC1-R804TCNMIAELRI	26456	26079
>TSC1-R804TCRNMIAEL	15961	>TSC1-R804TCNMIAEL	250	15711
>TSC1-R804TQELQTKLEDC	3950	>TSC1-R804TQELQTKLEDC	130	3820
>TSC1-R804TDRCRNMIAELF	460	>TSC1-R804TDCTNMIAELF	509	49
>TSC1-R804TEDRCRNMIAEL	161	>TSC1-R804TEDCTNMIAEL	130	31
>TSC1-R804TEDRCRNM	129	>TSC1-R804TEDCTNM	35	94
>TSC1-R804TEDRCRNM	410	>TSC1-R804TEDCTNM	110	300
>TSC1-R804TEDRCRNMIAE	68	>TSC1-R804TEDCTNMIAE	23	45
>TSC1-R804TEDRCRNMIAE	426	>TSC1-R804TEDCTNMIAE	503	77
>TSC1-R804TKLEDCRNM	938	>TSC1-R804TKLEDCTNM	60	878
>TSC1-R804TKLEDCRNM	943	>TSC1-R804TKLEDCTNM	72	871
>TSC1-R804TKLEDCRNM	92	>TSC1-R804TKLEDCTNM	8	84
>TSC1-R804TKLEDCRNMIA	306	>TSC1-R804TKLEDCTNMIA	116	190
>TSC1-R804TKLEDCRNM	1687	>TSC1-R804TKLEDCTNM	86	1601
>TSC1-R804TKLEDCRNM	2878	>TSC1-R804TKLEDCTNM	278	2600
>TSC1-R804TKLEDCRNM	1703	>TSC1-R804TKLEDCTNM	176	1527
>TSC1-R804TKLEDCRNM	886	>TSC1-R804TKLEDCTNM	19	867
>TSC1-R804TKLEDCRNMIA	995	>TSC1-R804TKLEDCTNMIA	109	886
>TSC1-R804TKLEDCRNM	883	>TSC1-R804TKLEDCTNM	133	750
>TSC1-R804TKLEDCRNM	53	>TSC1-R804TKLEDCTNM	21	32
>TSC1-R804TKLEDCRNMIA	104	>TSC1-R804TKLEDCTNMIA	62	42
>TSC1-R804TKLEDCRNM	2441	>TSC1-R804TKLEDCTNM	335	2106
>TSC1-R804TKLEDCRNM	312	>TSC1-R804TKLEDCTNM	212	100
>TSC1-R804TKLEDCRNM	269	>TSC1-R804TKLEDCTNM	76	193
>TSC1-R804TKLEDCRNM	695	>TSC1-R804TKLEDCTNM	407	288
>TSC1-R804TQTKLEDCT	72	>TSC1-R804TQTKLEDCT	29723	29651
>TSC1-R804TQTKLEDCTNM	226	>TSC1-R804TQTKLEDCTNM	111	115
>TSC1-R804TQTKLEDCTNM	297	>TSC1-R804TQTKLEDCTNM	130	167
>TSC1-R804TQTKLEDCTNM	905	>TSC1-R804TQTKLEDCTNM	496	409

>TSC1-R804T LQTKLEDCRN	306	>TSC1-R804T LQTKLEDCTN	137	169
>TSC1-S1043 SELSTPEKPPH	2003	>TSC1-S1043 NELSTPEKPPH	208	1795
>TSC1-S1043 SSELSTPEK	35	>TSC1-S1043 SSELSTPEK	3468	3433
>TSC1-S1043 SSELSTPEK	129	>TSC1-S1043 SSELSTPEK	4123	3994
>TSC1-S1043 SSELSTPEK	354	>TSC1-S1043 SSELSTPEK	6018	5664
>TSC1-S1043 SSELSTPEK	11	>TSC1-S1043 SSELSTPEK	18	7
>TSC1-S1043 SSELSTPEK	74	>TSC1-S1043 SSELSTPEK	40	34
>TSC1-S1043 SSELSTPEK	35	>TSC1-S1043 SSELSTPEK	161	126
>TSC1-S1043 SSELSTPEK	153	>TSC1-S1043 SSELSTPEK	361	208
>TSC1-S1043 SSELSTPEK	15	>TSC1-S1043 SSELSTPEK	14	1
>TSC1-S1043 SSELSTPEK	130	>TSC1-S1043 SSELSTPEK	118	12
>TSC1-S1043 SSELSTPEK	104	>TSC1-S1043 SSELSTPEK	153	49
>TSC1-S1043 SSELSTPEK	162	>TSC1-S1043 SSELSTPEK	151	11
>TSC1-S1043 SSSSEL	168	>TSC1-S1043 SSSSEL	312	144
>TSC1-S1043 SSSSEL	16	>TSC1-S1043 SSSSEL	96	80
>TSC1-S1043 SSSSEL	538	>TSC1-S1043 SSSSEL	132	406
>TSC1-S1043 SSSSEL	294	>TSC1-S1043 SSSSEL	811	517
>TSC1-S1043 GSSSSSEL	892	>TSC1-S1043 GSSSSSEL	447	445
>TSC1-S1043 GSSSSSEL	144	>TSC1-S1043 GSSSSSEL	326	182
>TSC1-S1043 GSSSSSEL	10	>TSC1-S1043 GSSSSSEL	118	108
>TSC1-S1043 GSSSSSEL	7	>TSC1-S1043 GSSSSSEL	56	49
>TSC1-S1043 GGGSSSSSEL	310	>TSC1-S1043 GGGSSSSSEL	1494	1184
>TSC2-A1141ALDVPASQFL	200	>TSC2-A1141ALDVPASQFL	285	85
>TSC2-A1141ALDVPASQFL	13	>TSC2-A1141ALDVPASQFL	49	36
>TSC2-A1141ALDVPASQFL	35	>TSC2-A1141ALDVPASQFL	100	65
>TSC2-A1141ALDVPASQFL	16	>TSC2-A1141ALDVPASQFL	42	26
>TSC2-A1141ALDVPASQFL	38	>TSC2-A1141ALDVPASQFL	63	25
>TSC2-A1141ALDVPASQ	382	>TSC2-A1141ALDVPASQ	2052	1670
>TSC2-A1141ALDVPASQFL	12	>TSC2-A1141ALDVPASQFL	30	18
>TSC2-A1141ALDVPASQF	402	>TSC2-A1141ALDVPASQF	223	179
>TSC2-A1141ALDVPASQF	135	>TSC2-A1141ALDVPASQF	881	746
>TSC2-A1141ALDVPASQF	138	>TSC2-A1141ALDVPASQF	186	48
>TSC2-A1141GALDVPASQI	1065	>TSC2-A1141GALDVPASQI	340	725
>TSC2-A1141GALDVPASQI	561	>TSC2-A1141GALDVPASQI	198	363
>TSC2-A1141GALDVPASQI	191	>TSC2-A1141GALDVPASQI	123	68
>TSC2-A1141GALDVPASQI	111	>TSC2-A1141GALDVPASQI	32	79
>TSC2-A1141GALDVPASQI	712	>TSC2-A1141GALDVPASQI	101	611
>TSC2-A1141GALDVPASQI	163	>TSC2-A1141GALDVPASQI	39	124
>TSC2-A1141GALDVPASQI	5300	>TSC2-A1141GALDVPASQI	269	5031
>TSC2-A1141GALDVPASQI	476	>TSC2-A1141GALDVPASQI	733	257
>TSC2-A1141GALDVPASQI	11	>TSC2-A1141GALDVPASQI	4	7
>TSC2-A1141GALDVPASQI	367	>TSC2-A1141GALDVPASQI	37	330
>TSC2-A1141GALDVPASQI	492	>TSC2-A1141GALDVPASQI	364	128

>TSC2-A1141GALDVPASQI	3752	>TSC2-A1141GTLDVPASQF	61	3691
>TSC2-A1141GALDVPASQI	1091	>TSC2-A1141GTLDVPASQF	57	1034
>TSC2-A1141VGALDVPASC	408	>TSC2-A1141VGTLDVPASC	576	168
>TSC2-A1141VGALDVPASC	268	>TSC2-A1141VGTLDVPASC	253	15
>TSC2-A1141GLRVGALDV	185	>TSC2-A1141GLRVGTLDV	64	121
>TSC2-A1141GLRVGALDVF	558	>TSC2-A1141GLRVGTLDVF	349	209
>TSC2-A1141GLRVGALDV	604	>TSC2-A1141GLRVGTLDV	239	365
>TSC2-A1141GLRVGALDV	121	>TSC2-A1141GLRVGTLDV	58	63
>TSC2-A1141GLRVGALDV	7	>TSC2-A1141GLRVGTLDV	5	2
>TSC2-A1141GLRVGALDVF	259	>TSC2-A1141GLRVGTLDVF	206	53
>TSC2-A1141GLRVGALDVF	388	>TSC2-A1141GLRVGTLDVF	261	127
>TSC2-D162 <sup>9</sup> DVDKHRCDK	431	>TSC2-D162 <sup>9</sup> NVDKHRCDK	593	162
>TSC2-D162 <sup>9</sup> MPTKDVKH	149	>TSC2-D162 <sup>9</sup> MPTKNVDKH	195	46
>TSC2-D162 <sup>9</sup> LMPTKDVKI	642	>TSC2-D162 <sup>9</sup> LMPTKNVDK	406	236
>TSC2-D162 <sup>9</sup> LMPTKDVKI	104	>TSC2-D162 <sup>9</sup> LMPTKNVDK	105	1
>TSC2-D162 <sup>9</sup> TLMPTKDV	387	>TSC2-D162 <sup>9</sup> TLMPTKNV	76	311
>TSC2-D162 <sup>9</sup> TLMPTKDV	112	>TSC2-D162 <sup>9</sup> TLMPTKNV	21	91
>TSC2-D162 <sup>9</sup> TLMPTKDV	22	>TSC2-D162 <sup>9</sup> TLMPTKNV	8	14
>TSC2-D162 <sup>9</sup> TLMPTKDV	517	>TSC2-D162 <sup>9</sup> TLMPTKNV	183	334
>TSC2-D162 <sup>9</sup> TLMPTKDV	29	>TSC2-D162 <sup>9</sup> TLMPTKNV	10	19
>TSC2-D162 <sup>9</sup> TLMPTKDV	30	>TSC2-D162 <sup>9</sup> TLMPTKNV	10	20
>TSC2-D162 <sup>9</sup> TLMPTKDV	41	>TSC2-D162 <sup>9</sup> TLMPTKNV	24	17
>TSC2-D162 <sup>9</sup> TLMPTKDV	16	>TSC2-D162 <sup>9</sup> TLMPTKNV	6	10
>TSC2-D162 <sup>9</sup> TLMPTKDV	4	>TSC2-D162 <sup>9</sup> TLMPTKNV	3	1
>TSC2-D162 <sup>9</sup> TLMPTKDVDI	105	>TSC2-D162 <sup>9</sup> TLMPTKNVDI	33	72
>TSC2-D162 <sup>9</sup> TLMPTKDVDI	53	>TSC2-D162 <sup>9</sup> TLMPTKNVDI	29	24
>TSC2-D162 <sup>9</sup> TLMPTKDVDI	495	>TSC2-D162 <sup>9</sup> TLMPTKNVDI	421	74
>TSC2-D162 <sup>9</sup> TLMPTKDV	793	>TSC2-D162 <sup>9</sup> TLMPTKNV	139	654
>TSC2-D162 <sup>9</sup> TLMPTKDV	880	>TSC2-D162 <sup>9</sup> TLMPTKNV	104	776
>TSC2-D162 <sup>9</sup> ATLMPTKDV	1011	>TSC2-D162 <sup>9</sup> ATLMPTKNV	144	867
>TSC2-D162 <sup>9</sup> ATLMPTKDVI	63	>TSC2-D162 <sup>9</sup> ATLMPTKNVI	36	27
>TSC2-D162 <sup>9</sup> ATLMPTKDVI	213	>TSC2-D162 <sup>9</sup> ATLMPTKNVI	62	151
>TSC2-D162 <sup>9</sup> ATLMPTKDV	1521	>TSC2-D162 <sup>9</sup> ATLMPTKNV	154	1367
>TSC2-D162 <sup>9</sup> ATLMPTKDV	444	>TSC2-D162 <sup>9</sup> ATLMPTKNV	115	329
>TSC2-D162 <sup>9</sup> ATLMPTKDVI	147	>TSC2-D162 <sup>9</sup> ATLMPTKNVI	129	18
>TSC2-D162 <sup>9</sup> HIATLMPTKD	822	>TSC2-D162 <sup>9</sup> HIATLMPTKN	157	665
>TSC2-D162 <sup>9</sup> HIATLMPTKD	184	>TSC2-D162 <sup>9</sup> HIATLMPTKN	53	131
>TSC2-D162 <sup>9</sup> HIATLMPTKD	866	>TSC2-D162 <sup>9</sup> HIATLMPTKN	419	447
>TSC2-D162 <sup>9</sup> HIATLMPTKD	114	>TSC2-D162 <sup>9</sup> HIATLMPTKN	59	55
>TSC2-D162 <sup>9</sup> HIATLMPTKD	137	>TSC2-D162 <sup>9</sup> HIATLMPTKN	27	110
>TSC2-D162 <sup>9</sup> HIATLMPTKD	336	>TSC2-D162 <sup>9</sup> HIATLMPTKN	49	287
>TSC2-D223 <sup>1</sup> DAVVCYNCL	797	>TSC2-D223 <sup>1</sup> NAVVCYNCL	351	446
>TSC2-D223 <sup>1</sup> DAVVCYNCLF	826	>TSC2-D223 <sup>1</sup> NAVVCYNCLF	370	456

>TSC2-D223†VLDAVVCY	164	>TSC2-D223†VLNAVVCY	7702	7538
>TSC2-D223†VLDAVVCYN(	62	>TSC2-D223†VLNAVVCYN(	128	66
>TSC2-D223†VLDAVVCYN(	27	>TSC2-D223†VLNAVVCYN(	8	19
>TSC2-D223†VLDAVVCYN(	1034	>TSC2-D223†VLNAVVCYN(	48	986
>TSC2-D223†VLDAVVCYN(	398	>TSC2-D223†VLNAVVCYN(	988	590
>TSC2-D223†VLDAVVCYN	19	>TSC2-D223†VLNAVVCYN	33	14
>TSC2-D223†VLDAVVCYN(	18	>TSC2-D223†VLNAVVCYN(	30	12
>TSC2-D223†VLDAVVCYN(	18	>TSC2-D223†VLNAVVCYN(	27	9
>TSC2-D223†VLDAVVCYN(	258	>TSC2-D223†VLNAVVCYN(	597	339
>TSC2-D223†VLDAVVCYN(	19	>TSC2-D223†VLNAVVCYN(	40	21
>TSC2-D223†VLDAVVCYN	376	>TSC2-D223†VLNAVVCYN	865	489
>TSC2-D223†VLDAVVCYN(	134	>TSC2-D223†VLNAVVCYN(	345	211
>TSC2-D223†VLDAVVCYN(	16	>TSC2-D223†VLNAVVCYN(	32	16
>TSC2-D223†VLDAVVCYN(	173	>TSC2-D223†VLNAVVCYN(	221	48
>TSC2-D223†VLDAVVCYN(	20	>TSC2-D223†VLNAVVCYN(	25	5
>TSC2-D223†VLDAVVCYN(	107	>TSC2-D223†VLNAVVCYN(	71	36
>TSC2-D223†VLDAVVCYN(	14	>TSC2-D223†VLNAVVCYN(	11	3
>TSC2-D223†VLDAVVCY	2965	>TSC2-D223†VLNAVVCY	367	2598
>TSC2-D223†VLDAVVCY	1233	>TSC2-D223†VLNAVVCY	282	951
>TSC2-D223†VLDAVVCY	114	>TSC2-D223†VLNAVVCY	70	44
>TSC2-D223†VLDAVVCY	1306	>TSC2-D223†VLNAVVCY	82	1224
>TSC2-D223†VLDAVVCY	3195	>TSC2-D223†VLNAVVCY	236	2959
>TSC2-D223†QVLDAVVCY	14	>TSC2-D223†QVLNAVVCY	25	11
>TSC2-D223†QVLDAVVCY	146	>TSC2-D223†QVLNAVVCY	366	220
>TSC2-D223†QVLDAVVCY	816	>TSC2-D223†QVLNAVVCY	306	510
>TSC2-D223†QVLDAVVCY	169	>TSC2-D223†QVLNAVVCY	238	69
>TSC2-D223†LQVLDAVV	526	>TSC2-D223†LQVLNAV	333	193
>TSC2-D223†LQVLDAVV	19	>TSC2-D223†LQVLNAV	19	0
>TSC2-D223†LQVLDAVV	780	>TSC2-D223†LQVLNAV	450	330
>TSC2-D223†LQVLDAVVCY	577	>TSC2-D223†LQVLNAVVCY	455	122
>TSC2-D223†LQVLDAVVCY	75	>TSC2-D223†LQVLNAVVCY	71	4
>TSC2-D223†LQVLDAVV	423	>TSC2-D223†LQVLNAV	168	255
>TSC2-D223†LQVLDAVVCY	11	>TSC2-D223†LQVLNAVVCY	7	4
>TSC2-D223†SLQVLDAV	83	>TSC2-D223†SLQVLNAV	51	32
>TSC2-D223†SLQVLDAVV	217	>TSC2-D223†SLQVLNAV	86	131
>TSC2-D223†SLQVLDAV	25	>TSC2-D223†SLQVLNAV	14	11
>TSC2-D223†SLQVLDAVV	163	>TSC2-D223†SLQVLNAV	63	100
>TSC2-D223†SLQVLDAV	64	>TSC2-D223†SLQVLNAV	27	37
>TSC2-D223†SLQVLDAVV	235	>TSC2-D223†SLQVLNAV	88	147
>TSC2-D223†SLQVLDAV	173	>TSC2-D223†SLQVLNAV	167	6
>TSC2-D223†SLQVLDAV	9	>TSC2-D223†SLQVLNAV	8	1
>TSC2-D223†SLQVLDAVV	34	>TSC2-D223†SLQVLNAV	15	19
>TSC2-D223†SLQVLDAV	6	>TSC2-D223†SLQVLNAV	6	0

>TSC2-D223↑SLQVLDAVV	9	>TSC2-D223↑SLQVLNAV	9	0
>TSC2-D223↑SLQVLDAV	13	>TSC2-D223↑SLQVLNAV	16	3
>TSC2-D223↑SLQVLDAVV	16	>TSC2-D223↑SLQVLNAV	20	4
>TSC2-D223↑SLQVLDAV	151	>TSC2-D223↑SLQVLNAV	112	39
>TSC2-D223↑SLQVLDAVV	378	>TSC2-D223↑SLQVLNAV	62	316
>TSC2-D223↑SLQVLDAV	4	>TSC2-D223↑SLQVLNAV	3	1
>TSC2-D223↑SLQVLDAVV	6	>TSC2-D223↑SLQVLNAV	4	2
>TSC2-D223↑SLQVLDAVVC	307	>TSC2-D223↑SLQVLNAVVC	259	48
>TSC2-D223↑SLQVLDAVVC	96	>TSC2-D223↑SLQVLNAVVC	90	6
>TSC2-D223↑SLQVLDAVVC	217	>TSC2-D223↑SLQVLNAVVC	183	34
>TSC2-D223↑VSLQVLDAV	58	>TSC2-D223↑VSLQVLNAV	55	3
>TSC2-D223↑VSLQVLDAV	94	>TSC2-D223↑VSLQVLNAV	147	53
>TSC2-D223↑VSLQVLDAV\	503	>TSC2-D223↑VSLQVLNAV\	442	61
>TSC2-D223↑EVSLQVLDAV	723	>TSC2-D223↑EVSLQVLNAV	396	327
>TSC2-D223↑EVSLQVLDA	2865	>TSC2-D223↑EVSLQVLNA	376	2489
>TSC2-D223↑EVSLQVLDAV	78	>TSC2-D223↑EVSLQVLNAV	122	44
>TSC2-D223↑EVSLQVLDAV	28	>TSC2-D223↑EVSLQVLNAV	17	11
>TSC2-D223↑EVSLQVLDAV	70	>TSC2-D223↑EVSLQVLNAV	33	37
>TSC2-D223↑EVSLQVLDAV	487	>TSC2-D223↑EVSLQVLNAV	83	404
>TSC2-D223↑IEVSLQVLDA\	131	>TSC2-D223↑IEVSLQVLNA\	139	8
>TSC2-D223↑IEVSLQVLDA\	351	>TSC2-D223↑IEVSLQVLNA\	227	124
>TSC2-D223↑IEVSLQVLDA\	49	>TSC2-D223↑IEVSLQVLNA\	92	43
>TSC2-D223↑IEVSLQVLDA\	378	>TSC2-D223↑IEVSLQVLNA\	330	48
>TSC2-D223↑IEVSLQVLDA\	8	>TSC2-D223↑IEVSLQVLNA\	9	1
>TSC2-L45M·LRELSMECGL	1232	>TSC2-L45M·MRELSMECG	362	870
>TSC2-L45M·LRELSMECGL	462	>TSC2-L45M·MRELSMECG	266	196
>TSC2-L45M·ILRELSMECGI	3074	>TSC2-L45M·IMRELSMECC	318	2756
>TSC2-L45M·ILRELSMECGI	120	>TSC2-L45M·IMRELSMECC	131	11
>TSC2-L45M·ILRELSMECGI	91	>TSC2-L45M·IMRELSMECC	66	25
>TSC2-L45M·ILRELSMEC	175	>TSC2-L45M·IMRELSMEC	86	89
>TSC2-L45M·ILRELSMECGI	25	>TSC2-L45M·IMRELSMECC	17	8
>TSC2-L45M·ILRELSMECGI	108	>TSC2-L45M·IMRELSMECC	69	39
>TSC2-L45M·ILRELSMECGI	99	>TSC2-L45M·IMRELSMECC	87	12
>TSC2-L45M·ILRELSMECGI	354	>TSC2-L45M·IMRELSMECC	278	76
>TSC2-L45M·ILRELSMEC	32	>TSC2-L45M·IMRELSMEC	64	32
>TSC2-L45M·ILRELSMECGI	3	>TSC2-L45M·IMRELSMECC	4	1
>TSC2-L45M·ILRELSMECGI	1017	>TSC2-L45M·IMRELSMECC	258	759
>TSC2-L45M·ILRELSMECGI	916	>TSC2-L45M·IMRELSMECC	135	781
>TSC2-L45M·ILRELSMECGI	951	>TSC2-L45M·IMRELSMECC	272	679
>TSC2-L45M·QTEFIITAEIL	472	>TSC2-L45M·QTEFIITAEIM	1783	1311
>TSC2-L45M·QTEFIITAEIL	434	>TSC2-L45M·QTEFIITAEIM	2432	1998
>TSC2-L45M·QTEFIITAEIL	668	>TSC2-L45M·QTEFIITAEIM	425	243
>TSC2-L45M·QTEFIITAEIL	74	>TSC2-L45M·QTEFIITAEIM	13	61

>TSC2-L45M- EILRELSM	2546	>TSC2-L45M- EIMRELSM	89	2457
>TSC2-L45M- EILRELSM	54	>TSC2-L45M- EIMRELSM	23	31
>TSC2-L45M- EILRELSME	1037	>TSC2-L45M- EIMRELSME	344	693
>TSC2-L45M- EILRELSM	457	>TSC2-L45M- EIMRELSM	502	45
>TSC2-L45M- EILRELSM	449	>TSC2-L45M- EIMRELSM	463	14
>TSC2-L45M- EILRELSM	1260	>TSC2-L45M- EIMRELSM	364	896
>TSC2-L45M- AEILRELSM	491	>TSC2-L45M- AEIMRELSM	205	286
>TSC2-L45M- AEILRELSM	53	>TSC2-L45M- AEIMRELSM	45	8
>TSC2-L45M- AEILRELSMEC	455	>TSC2-L45M- AEIMRELSME	298	157
>TSC2-L45M- AEILRELSM	523	>TSC2-L45M- AEIMRELSM	435	88
>TSC2-L45M- AEILRELS	538	>TSC2-L45M- AEIMRELS	441	97
>TSC2-L45M- AEILRELSMEC	304	>TSC2-L45M- AEIMRELSME	231	73
>TSC2-L45M- AEILRELSM	40	>TSC2-L45M- AEIMRELSM	77	37
>TSC2-L45M- AEILRELSMEC	119	>TSC2-L45M- AEIMRELSME	194	75
>TSC2-L45M- ITAEILREL	495	>TSC2-L45M- ITAEIMREL	1136	641
>TSC2-L45M- ITAEILREL	25	>TSC2-L45M- ITAEIMREL	24	1
>TSC2-L45M- ITAEILREL	145	>TSC2-L45M- ITAEIMREL	235	90
>TSC2-L45M- ITAEILREL	205	>TSC2-L45M- ITAEIMREL	557	352
>TSC2-L45M- ITAEILREL	221	>TSC2-L45M- ITAEIMREL	610	389
>TSC2-L45M- ITAEILREL	797	>TSC2-L45M- ITAEIMREL	225	572
>TSC2-L45M- ITAEILRELSM	422	>TSC2-L45M- ITAEIMRELSM	246	176
>TSC2-L45M- ITAEILREL	37	>TSC2-L45M- ITAEIMREL	17	20
>TSC2-L45M- ITAEILREL	522	>TSC2-L45M- ITAEIMREL	341	181
>TSC2-L45M- ITAEILREL	24	>TSC2-L45M- ITAEIMREL	9	15
>TSC2-L45M- ITAEILRELSM	9	>TSC2-L45M- ITAEIMRELSM	6	3
>TSC2-L45M- ITAEILRELSM	436	>TSC2-L45M- ITAEIMRELSM	434	2
>TSC2-L45M- ITAEILREL	152	>TSC2-L45M- ITAEIMREL	81	71
>TSC2-L45M- ITAEILRELSM	321	>TSC2-L45M- ITAEIMRELSM	225	96
>TSC2-L45M- ITAEILREL	220	>TSC2-L45M- ITAEIMREL	138	82
>TSC2-L45M- ITAEILRELSM	36	>TSC2-L45M- ITAEIMRELSM	29	7
>TSC2-L45M- IITAEILREL	392	>TSC2-L45M- IITAEIMREL	624	232
>TSC2-L45M- IITAEILREL	247	>TSC2-L45M- IITAEIMREL	454	207
>TSC2-L45M- IITAEILREL	92	>TSC2-L45M- IITAEIMREL	128	36
>TSC2-L45M- IITAEILR	39	>TSC2-L45M- IITAEIMR	42	3
>TSC2-L45M- IITAEILR	102	>TSC2-L45M- IITAEIMR	184	82
>TSC2-L45M- FIITAEIL	184	>TSC2-L45M- FIITAEIM	1197	1013
>TSC2-L45M- FIITAEILREL	51	>TSC2-L45M- FIITAEIMREL	66	15
>TSC2-L45M- FIITAEIL	31	>TSC2-L45M- FIITAEIM	385	354
>TSC2-L45M- FIITAEILREL	16	>TSC2-L45M- FIITAEIMREL	18	2
>TSC2-L45M- FIITAEIL	142	>TSC2-L45M- FIITAEIM	1647	1505
>TSC2-L45M- FIITAEILREL	51	>TSC2-L45M- FIITAEIMREL	61	10
>TSC2-L45M- FIITAEIL	27	>TSC2-L45M- FIITAEIM	145	118
>TSC2-L45M- FIITAEILREL	23	>TSC2-L45M- FIITAEIMREL	31	8



>TSC2-L45M·FIITAEILREL	142	>TSC2-L45M·FIITAEIMREL	199	57
>TSC2-L45M·FIITAEILREL	421	>TSC2-L45M·FIITAEIMREL	820	399
>TSC2-L45M·FIITAEIL	95	>TSC2-L45M·FIITAEIM	3374	3279
>TSC2-L45M·FIITAEILREL	41	>TSC2-L45M·FIITAEIMREL	72	31
>TSC2-L45M·FIITAEIL	959	>TSC2-L45M·FIITAEIM	84	875
>TSC2-L45M·FIITAEILREL	400	>TSC2-L45M·FIITAEIMREL	196	204
>TSC2-L45M·FIITAEILR	7	>TSC2-L45M·FIITAEIMR	8	1
>TSC2-L45M·FIITAEILREL	278	>TSC2-L45M·FIITAEIMREL	170	108
>TSC2-L45M·FIITAEIL	4602	>TSC2-L45M·FIITAEIM	442	4160
>TSC2-L45M·FIITAEIL	255	>TSC2-L45M·FIITAEIM	1634	1379
>TSC2-L45M·FIITAEILR	207	>TSC2-L45M·FIITAEIMR	487	280
>TSC2-L45M·EFIITAEILR	415	>TSC2-L45M·EFIITAEIMR	471	56
>TSC2-L45M·EFIITAEILR	54	>TSC2-L45M·EFIITAEIMR	63	9
>TSC2-L45M·EFIITAEILR	14	>TSC2-L45M·EFIITAEIMR	17	3
>TSC2-L45M·EFIITAEILR	77	>TSC2-L45M·EFIITAEIMR	150	73
>TSC2-L45M·TEFIITAEIL	17	>TSC2-L45M·TEFIITAEIM	21	4
>TSC2-L45M·TEFIITAEILR	38	>TSC2-L45M·TEFIITAEIMR	46	8
>TSC2-L45M·TEFIITAEIL	293	>TSC2-L45M·TEFIITAEIM	1674	1381
>TSC2-L45M·TEFIITAEIL	151	>TSC2-L45M·TEFIITAEIM	387	236
>TSC2-L45M·TEFIITAEIL	395	>TSC2-L45M·TEFIITAEIM	872	477
>TSC2-L45M·TEFIITAEIL	24	>TSC2-L45M·TEFIITAEIM	36	12
>TSC2-L45M·TEFIITAEILR	135	>TSC2-L45M·TEFIITAEIMR	230	95
>TSC2-M102·MMARYVFS	219	>TSC2-M102·IMARYVFS	838	619
>TSC2-M102·MMARYVFSM	38	>TSC2-M102·IMARYVFSNF	124	86
>TSC2-M102·MMARYVFS	18	>TSC2-M102·IMARYVFS	68	50
>TSC2-M102·MMARYVFSM	61	>TSC2-M102·IMARYVFSN	305	244
>TSC2-M102·MMARYVFSM	5	>TSC2-M102·IMARYVFSNF	11	6
>TSC2-M102·MMARYVFS	97	>TSC2-M102·IMARYVFS	460	363
>TSC2-M102·MMARYVFSM	12	>TSC2-M102·IMARYVFSNF	37	25
>TSC2-M102·MMARYVFS	297	>TSC2-M102·IMARYVFS	810	513
>TSC2-M102·MMARYVFSM	66	>TSC2-M102·IMARYVFSNF	175	109
>TSC2-M102·MMARYVFS	111	>TSC2-M102·IMARYVFS	259	148
>TSC2-M102·MMARYVFSM	74	>TSC2-M102·IMARYVFSN	179	105
>TSC2-M102·MMARYVFSM	178	>TSC2-M102·IMARYVFSNF	408	230
>TSC2-M102·MMARYVFSM	28	>TSC2-M102·IMARYVFSNF	59	31
>TSC2-M102·MMARYVFSM	398	>TSC2-M102·IMARYVFSNF	1085	687
>TSC2-M102·MMARYVFSM	159	>TSC2-M102·IMARYVFSNF	336	177
>TSC2-M102·MMARYVFSM	172	>TSC2-M102·IMARYVFSNF	276	104
>TSC2-M102·MMARYVFS	191	>TSC2-M102·IMARYVFS	819	628
>TSC2-M102·MMARYVFSM	450	>TSC2-M102·IMARYVFSN	1420	970
>TSC2-M102·MMARYVFSM	28	>TSC2-M102·IMARYVFSNF	87	59
>TSC2-M102·MMARYVFSM	157	>TSC2-M102·IMARYVFSNF	366	209
>TSC2-M102·MMARYVFSM	380	>TSC2-M102·IMARYVFSNF	801	421

>TSC2-M102' MMARYVFSN	65	>TSC2-M102' IMARYVFSNF	433	368
>TSC2-M102' MMARYVFSN	156	>TSC2-M102' IMARYVFSNF	144	12
>TSC2-M102' MMARYVFSN	326	>TSC2-M102' IMARYVFSNF	597	271
>TSC2-M102' MMARYVFSN	26	>TSC2-M102' IMARYVFSNF	38	12
>TSC2-M102' MMARYVFSN	289	>TSC2-M102' IMARYVFSNF	505	216
>TSC2-M102' MMARYVFSN	3	>TSC2-M102' IMARYVFSNF	3	0
>TSC2-M102' MMARYVFSN	465	>TSC2-M102' IMARYVFSNF	620	155
>TSC2-M102' MMARYVFSN	46	>TSC2-M102' IMARYVFSNF	75	29
>TSC2-M102' MMARYVFSN	433	>TSC2-M102' IMARYVFSNF	1521	1088
>TSC2-M102' DMMARYVFS	459	>TSC2-M102' DIMARYVFSN	2749	2290
>TSC2-M102' DMMARYVFS	3956	>TSC2-M102' DIMARYVFSN	194	3762
>TSC2-M102' DMMARYVF	3020	>TSC2-M102' DIMARYVF	437	2583
>TSC2-M102' DMMARYVFS	759	>TSC2-M102' DIMARYVFSN	103	656
>TSC2-M102' DMMARYVF	377	>TSC2-M102' DIMARYVF	819	442
>TSC2-M102' DMMARYVFS	462	>TSC2-M102' DIMARYVFS	961	499
>TSC2-M102' DMMARYVF	157	>TSC2-M102' DIMARYVF	322	165
>TSC2-M102' DMMARYVFS	222	>TSC2-M102' DIMARYVFSN	438	216
>TSC2-M102' DMMARYVF	191	>TSC2-M102' DIMARYVF	1933	1742
>TSC2-M102' DMMARYVFS	292	>TSC2-M102' DIMARYVFSN	3436	3144
>TSC2-M102' DMMARYVF	308	>TSC2-M102' DIMARYVF	2826	2518
>TSC2-M102' DMMARYVFS	201	>TSC2-M102' DIMARYVFSN	1823	1622
>TSC2-M102' DMMARYVF	30	>TSC2-M102' DIMARYVF	1594	1564
>TSC2-M102' DMMARYVFS	14	>TSC2-M102' DIMARYVFSN	704	690
>TSC2-M102' LDMMARYV	412	>TSC2-M102' LDIMARYV	644	232
>TSC2-M102' LDMMARYVF	447	>TSC2-M102' LDIMARYVF	635	188
>TSC2-M102' LDMMARYVF	236	>TSC2-M102' LDIMARYVF	480	244
>TSC2-M102' LDMMARYVF	139	>TSC2-M102' LDIMARYVF	162	23
>TSC2-M102' LDMMARYVF	194	>TSC2-M102' LDIMARYVF	330	136
>TSC2-M102' LDMMARYV	403	>TSC2-M102' LDIMARYV	271	132
>TSC2-M102' CLDMMARY	14	>TSC2-M102' CLDIMARY	21	7
>TSC2-M102' CLDMMARY\	11	>TSC2-M102' CLDIMARYV	11	0
>TSC2-M102' CLDMMARY\	99	>TSC2-M102' CLDIMARYV	137	38
>TSC2-M102' CLDMMARY\	73	>TSC2-M102' CLDIMARYV	67	6
>TSC2-M102' CLDMMARY\	16	>TSC2-M102' CLDIMARYV	36	20
>TSC2-M102' CLDMMARY\	18	>TSC2-M102' CLDIMARYV	22	4
>TSC2-M102' CLDMMARY	289	>TSC2-M102' CLDIMARY	243	46
>TSC2-M102' CLDMMARY	311	>TSC2-M102' CLDIMARY	292	19
>TSC2-M102' CLDMMARY	51	>TSC2-M102' CLDIMARY	51	0
>TSC2-M102' TCLDMMARY	458	>TSC2-M102' TCLDIMARYV	220	238
>TSC2-M102' TCLDMMARY	26	>TSC2-M102' TCLDIMARY	29	3
>TSC2-M102' TCLDMMARY	150	>TSC2-M102' TCLDIMARY	114	36
>TSC2-M102' TCLDMMARY	663	>TSC2-M102' TCLDIMARY	277	386
>TSC2-M102' TCLDMMAR	410	>TSC2-M102' TCLDIMAR	220	190

>TSC2-M102' TCLDMMARY	110	>TSC2-M102' TCLDIMARYV	57	53
>TSC2-M102' TCLDMMARY	357	>TSC2-M102' TCLDIMARY	149	208
>TSC2-M102' TCLDMMARY	81	>TSC2-M102' TCLDIMARY	61	20
>TSC2-M102' TCLDMMARY	313	>TSC2-M102' TCLDIMARYV	259	54
>TSC2-M102' TCLDMMAR	199	>TSC2-M102' TCLDIMAR	114	85
>TSC2-M102' ETCLDMMAR	216	>TSC2-M102' ETCLDIMARY	356	140
>TSC2-M102' ETCLDMMAR	32	>TSC2-M102' ETCLDIMARY	58	26
>TSC2-M102' ETCLDMMAR	98	>TSC2-M102' ETCLDIMARY	146	48
>TSC2-M102' ETCLDMMAR	144	>TSC2-M102' ETCLDIMAR	700	556
>TSC2-M102' ETCLDMMAR	2	>TSC2-M102' ETCLDIMARY	2	0
>TSC2-M102' ETCLDMMAR	134	>TSC2-M102' ETCLDIMARY	363	229
>TSC2-M102' ETCLDMMAR	38	>TSC2-M102' ETCLDIMARY	56	18
>TSC2-M102' ETCLDMMAR	502	>TSC2-M102' ETCLDIMARY	345	157
>TSC2-M102' ETCLDMMAR	21	>TSC2-M102' ETCLDIMAR	21	0
>TSC2-M102' ETCLDMMAR	5	>TSC2-M102' ETCLDIMAR	4	1
>TSC2-M102' ETCLDMMAR	620	>TSC2-M102' ETCLDIMARY	494	126
>TSC2-M102' ETCLDMMMA	120	>TSC2-M102' ETCLDIMA	274	154
>TSC2-M102' ETCLDMMAR	26	>TSC2-M102' ETCLDIMARY	26	0
>TSC2-M102' ETCLDMMAR	61	>TSC2-M102' ETCLDIMARY	72	11
>TSC2-M102' ETCLDMMAR	15	>TSC2-M102' ETCLDIMARY	28	13
>TSC2-M102' ETCLDMMAR	281	>TSC2-M102' ETCLDIMARY	451	170
>TSC2-M102' TETCLDMMMA	194	>TSC2-M102' TETCLDIMAR	186	8
>TSC2-M102' TETCLDMM	226	>TSC2-M102' TETCLDIM	170	56
>TSC2-M102' TETCLDMMMA	232	>TSC2-M102' TETCLDIMAR	252	20
>TSC2-M102' TETCLDMMMA	161	>TSC2-M102' TETCLDIMAR	131	30
>TSC2-M102' TETCLDMMMA	196	>TSC2-M102' TETCLDIMA	96	100
>TSC2-M102' LTETCLDMM	285	>TSC2-M102' LTETCLDIMA	325	40
>TSC2-M102' LTETCLDMM	149	>TSC2-M102' LTETCLDIMA	160	11
>TSC2-M102' LTETCLDM	326	>TSC2-M102' LTETCLDI	2471	2145
>TSC2-M102' LTETCLDMM	245	>TSC2-M102' LTETCLDIM	294	49
>TSC2-M102' LTETCLDM	379	>TSC2-M102' LTETCLDI	2756	2377
>TSC2-M102' LTETCLDMM	7	>TSC2-M102' LTETCLDIM	10	3
>TSC2-M102' LTETCLDM	3577	>TSC2-M102' LTETCLDI	103	3474
>TSC2-M102' ELTETCLDMM	476	>TSC2-M102' ELTETCLDIM	404	72
>TSC2-M102' ELTETCLDM	1595	>TSC2-M102' ELTETCLDI	222	1373
>TSC2-M102' ELTETCLDMM	180	>TSC2-M102' ELTETCLDIM	255	75
>TSC2-M102' ELTETCLDMM	399	>TSC2-M102' ELTETCLDIM	439	40
>TSC2-M102' LETETCLDM	48	>TSC2-M102' LETETCLDI	9	39
>TSC2-M102' LETETCLDM	20	>TSC2-M102' LETETCLDIM	28	8
>TSC2-M102' LETETCLDM	572	>TSC2-M102' LETETCLDIM	444	128
>TSC2-M102' LETETCLDM	356	>TSC2-M102' LETETCLDIM	281	75
>TSC2-M102' LETETCLDM	60	>TSC2-M102' LETETCLDI	10	50
>TSC2-M102' LETETCLDM	13	>TSC2-M102' LETETCLDIM	11	2

>TSC2-R1289 RSVSWADSA\	542	>TSC2-R1289 SSVSWADSA\	337	205
>TSC2-R1289 RSVSWADSA\	768	>TSC2-R1289 SSVSWADSA\	490	278
>TSC2-R1289 RSVSWADSA\	513	>TSC2-R1289 SSVSWADSA\	306	207
>TSC2-R1289 RSVSWADSA\	355	>TSC2-R1289 SSVSWADSA\	414	59
>TSC2-R1289 RSVSWADSA\	265	>TSC2-R1289 SSVSWADSA\	126	139
>TSC2-R1289 RSVSWADSA\	1871	>TSC2-R1289 SSVSWADSA\	98	1773
>TSC2-R1289 RSVSWADSA\	2032	>TSC2-R1289 SSVSWADSA\	212	1820
>TSC2-R1289 RSVSWADSA\	1915	>TSC2-R1289 SSVSWADSA\	151	1764
>TSC2-R1289 RSVSWADSA\	383	>TSC2-R1289 SSVSWADSA\	1729	1346
>TSC2-R1289 RSVSWADSA\	401	>TSC2-R1289 SSVSWADSA\	1874	1473
>TSC2-R1289 RSVSWADSA\	42	>TSC2-R1289 SSVSWADSA\	1007	965
>TSC2-R1289 RSVSWADSA\	42	>TSC2-R1289 SSVSWADSA\	952	910
>TSC2-R1289 RSVSWADSA\	88	>TSC2-R1289 SSVSWADSA\	109	21
>TSC2-R1289 RSVSWADSA\	495	>TSC2-R1289 SSVSWADSA\	1314	819
>TSC2-R1289 HRSVSWADS	6746	>TSC2-R1289 HSSVSWADS,	72	6674
>TSC2-R1289 HRSVSWADS	26230	>TSC2-R1289 HSSVSWADS,	179	26051
>TSC2-R1289 HRSVSWADS	190	>TSC2-R1289 HSSVSWADS,	4666	4476
>TSC2-R1289 YQSSCQGQLH	284	>TSC2-R1289 YQSSCQGQLH	20709	20425
>TSC2-R1289 YQSSCQGQLH	318	>TSC2-R1289 YQSSCQGQLH	1413	1095
>TSC2-R1289 YQSSCQGQLH	140	>TSC2-R1289 YQSSCQGQLH	29825	29685
>TSC2-R1289 QLHRVSWA	461	>TSC2-R1289 QLHSSVSWA	119	342
>TSC2-R1289 QLHRVSWA	18	>TSC2-R1289 QLHSSVSWA	8	10
>TSC2-R1289 QLHRVSWA	294	>TSC2-R1289 QLHSSVSWA	170	124
>TSC2-R1289 QLHRVSWA	24	>TSC2-R1289 QLHSSVSWA	20	4
>TSC2-R1289 QLHRVSW	271	>TSC2-R1289 QLHSSVSW	319	48
>TSC2-R1289 QLHRVSW	657	>TSC2-R1289 QLHSSVSW	244	413
>TSC2-R1289 QLHRVSW	372	>TSC2-R1289 QLHSSVSW	134	238
>TSC2-R1289 GQLHRVSW	249	>TSC2-R1289 GQLHSSVSW	510	261
>TSC2-R1289 GQLHRVSW	456	>TSC2-R1289 GQLHSSVSW	174	282
>TSC2-R1289 GQLHRVSW	79	>TSC2-R1289 GQLHSSVSW	16	63
>TSC2-R1289 GQLHRVSW	843	>TSC2-R1289 GQLHSSVSW	282	561
>TSC2-R1289 GQLHRVSW	864	>TSC2-R1289 GQLHSSVSW	238	626
>TSC2-R1289 GQLHRVSW	306	>TSC2-R1289 GQLHSSVSW	184	122
>TSC2-R1289 CQGQLHRV:	977	>TSC2-R1289 CQGQLHSSV:	441	536
>TSC2-R1289 SCQGQLHRV\	609	>TSC2-R1289 SCQGQLHSS\	126	483
>TSC2-R1289 SCQGQLHR	270	>TSC2-R1289 SCQGQLHS	30355	30085
>TSC2-R1289 SSCQGQLHR	322	>TSC2-R1289 SSCQGQLHS	20185	19863
>TSC2-R1289 SSCQGQLHR	419	>TSC2-R1289 SSCQGQLHS	33753	33334
>TSC2-R1289 SSCQGQLHR:	1556	>TSC2-R1289 SSCQGQLHSS	150	1406
>TSC2-R1289 SSCQGQLHR	160	>TSC2-R1289 SSCQGQLHS	4492	4332
>TSC2-R1289 SSCQGQLHR:	462	>TSC2-R1289 SSCQGQLHSS	232	230
>TSC2-R1289 QSSCQGQLH	355	>TSC2-R1289 QSSCQGQLH:	31705	31350
>TSC2-R1289 QSSCQGQLH	217	>TSC2-R1289 QSSCQGQLH:	27609	27392

>TSC2-R1289 QSSCQGQLH	476	>TSC2-R1289 QSSCQGQLH	35460	34984
>TSC2-R1289 QSSCQGQLH	435	>TSC2-R1289 QSSCQGQLH	7728	7293
>TSC2-S641R SPYCVCDYM	6	>TSC2-S641R RPYCVCDYM	7	1
>TSC2-S641R SPYCVCDYM	859	>TSC2-S641R RPYCVCDYM	121	738
>TSC2-S641R SPYCVCDY	952	>TSC2-S641R RPYCVCDY	181	771
>TSC2-S641R SPYCVCDY	18	>TSC2-S641R RPYCVCDY	25	7
>TSC2-S641R SPYCVCDYM	41	>TSC2-S641R RPYCVCDYM	58	17
>TSC2-S641R SPYCVCDY	347	>TSC2-S641R RPYCVCDY	935	588
>TSC2-S641R SPYCVCDYMI	396	>TSC2-S641R RPYCVCDYMI	1359	963
>TSC2-S641R SPYCVCDYM	129	>TSC2-S641R RPYCVCDYM	98	31
>TSC2-S641R SPYCVCDY	485	>TSC2-S641R RPYCVCDY	338	147
>TSC2-S641R SPYCVCDY	457	>TSC2-S641R RPYCVCDY	919	462
>TSC2-S641R FSPYCVCDYM	395	>TSC2-S641R FRPYCVCDYM	5732	5337
>TSC2-S641R FSPYCVCDY	320	>TSC2-S641R FRPYCVCDY	1773	1453
>TSC2-S641R FSPYCVCDYM	403	>TSC2-S641R FRPYCVCDYM	1737	1334
>TSC2-S641R FSPYCVCDYM	471	>TSC2-S641R FRPYCVCDYM	3876	3405
>TSC2-S641R FSPYCVCDY	392	>TSC2-S641R FRPYCVCDY	14617	14225
>TSC2-S641R FSPYCVCDYM	274	>TSC2-S641R FRPYCVCDYM	9572	9298
>TSC2-S641R FSPYCVCDY	372	>TSC2-S641R FRPYCVCDY	11764	11392
>TSC2-S641R FSPYCVCDY	227	>TSC2-S641R FRPYCVCDY	136	91
>TSC2-S641R FSPYCVCDYM	4	>TSC2-S641R FRPYCVCDYM	3270	3266
>TSC2-S641R FSPYCVCDYM	280	>TSC2-S641R FRPYCVCDYM	16955	16675
>TSC2-S641R RFSPYCVCDY	210	>TSC2-S641R RFRPYCVCDY	1037	827
>TSC2-S641R RFSPYCVCDY	87	>TSC2-S641R RFRPYCVCDY	631	544
>TSC2-S641R RFSPYCV	9646	>TSC2-S641R RFRPYCV	127	9519
>TSC2-S641R RFSPYCVCDY	7787	>TSC2-S641R RFRPYCVCDY	57	7730
>TSC2-S641R RFSPYCVCDY	4932	>TSC2-S641R RFRPYCVCDY	36	4896
>TSC2-S641R RFSPYCVCDY	58	>TSC2-S641R RFRPYCVCDY	170	112
>TSC2-S641R RFSPYCVCDY	455	>TSC2-S641R RFRPYCVCDY	254	201
>TSC2-S641R RFSPYCVCDY	853	>TSC2-S641R RFRPYCVCDY	395	458
>TSC2-S641R RFSPYCVCDY	671	>TSC2-S641R RFRPYCVCDY	188	483
>TSC2-S641R RFSPYCV	299	>TSC2-S641R RFRPYCV	722	423
>TSC2-S641R RFSPYCVCDY	30	>TSC2-S641R RFRPYCVCDY	54	24
>TSC2-S641R VRFPYCV	70	>TSC2-S641R VRFRPYCV	137	67
>TSC2-S641R VRFPYCV	292	>TSC2-S641R VRFRPYCV	443	151
>TSC2-S641R VRFPYCVCD	11	>TSC2-S641R VRFRPYCVCD	16	5
>TSC2-S641R VRFPYCV	344	>TSC2-S641R VRFRPYCV	202	142
>TSC2-S641R VVRFPYCV	192	>TSC2-S641R VVRFRPYCV	203	11
>TSC2-S641R VVRFPYCV	141	>TSC2-S641R VVRFRPYCV	189	48
>TSC2-S641R VVRFPYCV	6345	>TSC2-S641R VVRFRPYCV	209	6136
>TSC2-S641R GVVRFPYCV	442	>TSC2-S641R GVVRFRPYCV	900	458
>TSC2-S641R GVVRFPYCV	244	>TSC2-S641R GVVRFRPYCV	474	230
>TSC2-S641R GVVRFPYCV	213	>TSC2-S641R GVVRFRPYCV	315	102

>TSC2-S641R GVVRFPYCV	143	>TSC2-S641R GVVRFRPYCV	509	366
>TSC2-S641R GVVRFPYCV	92	>TSC2-S641R GVVRFRPYCV	559	467
>TSC2-S641R GVVRFPYCV	128	>TSC2-S641R GVVRFRPYCV	475	347
>TSC2-S641R GVVRFPYCV	124	>TSC2-S641R GVVRFRPYCV	161	37
>TSC2-S641R GVVRFPY	217	>TSC2-S641R GVVRFRPY	722	505
>TSC2-S641R GVVRFPY	405	>TSC2-S641R GVVRFRPY	1623	1218
>TSC2-S641R GVVRFPY	70	>TSC2-S641R GVVRFRPY	149	79
>TSC2-S641R GVVRFPY	70	>TSC2-S641R GVVRFRPY	156	86
>TSC2-S641R GVVRFPY	106	>TSC2-S641R GVVRFRPY	296	190
>TSC2-S641R GVVRFPY	215	>TSC2-S641R GVVRFRPY	264	49
>TSC2-S641R DGVVRFPY	393	>TSC2-S641R DGVVRFRPY	553	160
>TSC2-V1711VARQMALHA	257	>TSC2-V1711MARQMALH,	16	241
>TSC2-V1711VARQMALHA	391	>TSC2-V1711MARQMALH,	25	366
>TSC2-V1711VARQMALHA	346	>TSC2-V1711MARQMALH,	78	268
>TSC2-V1711VARQMALHA	3899	>TSC2-V1711MARQMALH,	308	3591
>TSC2-V1711VARQMALHA	1164	>TSC2-V1711MARQMALH,	438	726
>TSC2-V1711VARQMALHA	1114	>TSC2-V1711MARQMALH,	347	767
>TSC2-V1711VARQMALH	851	>TSC2-V1711MARQMALH	394	457
>TSC2-V1711VARQMALHA	7	>TSC2-V1711MARQMALH,	5	2
>TSC2-V1711VARQMALHA	1792	>TSC2-V1711MARQMALH,	68	1724
>TSC2-V1711VARQMALHA	103	>TSC2-V1711MARQMALH,	71	32
>TSC2-V1711FVARQMAL	178	>TSC2-V1711FMARQMAL	14	164
>TSC2-V1711FVARQMALH	4817	>TSC2-V1711FMARQMALH	192	4625
>TSC2-V1711FVARQMAL	10	>TSC2-V1711FMARQMAL	2	8
>TSC2-V1711FVARQMALH	6334	>TSC2-V1711FMARQMALH	465	5869
>TSC2-V1711FVARQMALH	1503	>TSC2-V1711FMARQMALH	92	1411
>TSC2-V1711FVARQMALH	2949	>TSC2-V1711FMARQMALH	124	2825
>TSC2-V1711FVARQMAL	23	>TSC2-V1711FMARQMAL	4	19
>TSC2-V1711FVARQMALH	500	>TSC2-V1711FMARQMALH	53	447
>TSC2-V1711FVARQMALH	7519	>TSC2-V1711FMARQMALH	416	7103
>TSC2-V1711FVARQMAL	16	>TSC2-V1711FMARQMAL	11	5
>TSC2-V1711FVARQMALH	616	>TSC2-V1711FMARQMALH	274	342
>TSC2-V1711FVARQMAL	416	>TSC2-V1711FMARQMAL	6	410
>TSC2-V1711FVARQMALH	2703	>TSC2-V1711FMARQMALH	31	2672
>TSC2-V1711FVARQMAL	1055	>TSC2-V1711FMARQMAL	5	1050
>TSC2-V1711FVARQMALH	7336	>TSC2-V1711FMARQMALH	41	7295
>TSC2-V1711FVARQMAL	1667	>TSC2-V1711FMARQMAL	14	1653
>TSC2-V1711FVARQMALH	1636	>TSC2-V1711FMARQMALH	18	1618
>TSC2-V1711FVARQMAL	3321	>TSC2-V1711FMARQMAL	21	3300
>TSC2-V1711FVARQMALH	12244	>TSC2-V1711FMARQMALH	397	11847
>TSC2-V1711FVARQMAL	22	>TSC2-V1711FMARQMAL	2	20
>TSC2-V1711FVARQMALH	190	>TSC2-V1711FMARQMALH	4	186
>TSC2-V1711FVARQMALH	14902	>TSC2-V1711FMARQMALH	473	14429

>TSC2-V1711FVARQMALH	219	>TSC2-V1711FMARQMALH	6324	6105
>TSC2-V1711FVARQMAL	328	>TSC2-V1711FMARQMAL	3755	3427
>TSC2-V1711FVARQMALH	215	>TSC2-V1711FMARQMALH	6329	6114
>TSC2-V1711FVARQMALH	849	>TSC2-V1711FMARQMALH	192	657
>TSC2-V1711FVARQMAL	18	>TSC2-V1711FMARQMAL	828	810
>TSC2-V1711FVARQMAL	259	>TSC2-V1711FMARQMAL	1094	835
>TSC2-V1711FVARQMAL	230	>TSC2-V1711FMARQMAL	1776	1546
>TSC2-V1711FVARQMAL	333	>TSC2-V1711FMARQMAL	66	267
>TSC2-V1711FVARQMAL	2621	>TSC2-V1711FMARQMAL	186	2435
>TSC2-V1711FVARQMALH	4349	>TSC2-V1711FMARQMALH	377	3972
>TSC2-V1711FVARQMAL	1736	>TSC2-V1711FMARQMAL	27	1709
>TSC2-V1711FVARQMAL	457	>TSC2-V1711FMARQMAL	43	414
>TSC2-V1711KIVSDRNLPF\	123	>TSC2-V1711KIVSDRNLPFI	1808	1685
>TSC2-V1711KIVSDRNLPF\	87	>TSC2-V1711KIVSDRNLPFI	1575	1488
>TSC2-V1711KIVSDRNLPF\	43	>TSC2-V1711KIVSDRNLPFI	3698	3655
>TSC2-V1711KIVSDRNLPF\	16	>TSC2-V1711KIVSDRNLPFI	174	158
>TSC2-V1711KIVSDRNLPF\	62	>TSC2-V1711KIVSDRNLPFI	2638	2576
>TSC2-V1711KIVSDRNLPF\	160	>TSC2-V1711KIVSDRNLPFI	6172	6012
>TSC2-V1711KIVSDRNLPF\	56	>TSC2-V1711KIVSDRNLPFI	5174	5118
>TSC2-V1711KIVSDRNLPF\	345	>TSC2-V1711KIVSDRNLPFI	7343	6998
>TSC2-V1711KIVSDRNLPF\	20	>TSC2-V1711KIVSDRNLPFI	4987	4967
>TSC2-V1711KIVSDRNLPF\	1062	>TSC2-V1711KIVSDRNLPFI	26	1036
>TSC2-V1711KIVSDRNLPF\	369	>TSC2-V1711KIVSDRNLPFI	570	201
>TSC2-V1711PFVARQMAL	2602	>TSC2-V1711PFMARQMAI	398	2204
>TSC2-V1711PFVARQMAL	4285	>TSC2-V1711PFMARQMAI	309	3976
>TSC2-V1711LPFVARQM	13	>TSC2-V1711LPFMARQM	11	2
>TSC2-V1711LPFVARQMA	8	>TSC2-V1711LPFMARQMA	8	0
>TSC2-V1711LPFVARQM	50	>TSC2-V1711LPFMARQM	26	24
>TSC2-V1711LPFVARQMA	763	>TSC2-V1711LPFMARQMA	122	641
>TSC2-V1711LPFVARQMA	110	>TSC2-V1711LPFMARQMA	89	21
>TSC2-V1711LPFVARQMA	325	>TSC2-V1711LPFMARQMA	230	95
>TSC2-V1711LPFVARQM	43	>TSC2-V1711LPFMARQM	32	11
>TSC2-V1711LPFVARQMA	262	>TSC2-V1711LPFMARQMA	113	149
>TSC2-V1711LPFVARQMA	385	>TSC2-V1711LPFMARQMA	287	98
>TSC2-V1711LPFVARQMA	124	>TSC2-V1711LPFMARQMA	152	28
>TSC2-V1711LPFVARQMA	12	>TSC2-V1711LPFMARQMA	22	10
>TSC2-V1711LPFVARQMA	128	>TSC2-V1711LPFMARQMA	152	24
>TSC2-V1711LPFVARQMA	367	>TSC2-V1711LPFMARQMA	282	85
>TSC2-V1711NLPFVARQM	228	>TSC2-V1711NLPFMARQM	326	98
>TSC2-V1711NLPFVARQM	205	>TSC2-V1711NLPFMARQM	235	30
>TSC2-V1711NLPFVARQM	327	>TSC2-V1711NLPFMARQM	1227	900
>TSC2-V1711NLPFVARQM	429	>TSC2-V1711NLPFMARQM	266	163
>TSC2-V1711RNLPFVAR	21	>TSC2-V1711RNLPFMAR	24	3

>TSC2-V1711RNLPFVARQ	662	>TSC2-V1711RNLPFMARQ	270	392
>TSC2-V1711RNLPFVAR	41	>TSC2-V1711RNLPFMAR	42	1
>TSC2-V1711DRNLPFVAR	423	>TSC2-V1711DRNLPFMAR	352	71
>TSC2-V1711SDRNLPFV	368	>TSC2-V1711SDRNLPFM	5262	4894
>TSC2-V1711VSDRNLPFV	2080	>TSC2-V1711VSDRNLPFM	358	1722
>TSC2-V1711VSDRNLPFV	74	>TSC2-V1711VSDRNLPFM	4258	4184
>TSC2-V1711VSDRNLPFV	142	>TSC2-V1711VSDRNLPFM	7728	7586
>TSC2-V1711VSDRNLPFV	372	>TSC2-V1711VSDRNLPFM	14911	14539
>TSC2-V1711VSDRNLPFVA	363	>TSC2-V1711VSDRNLPFM,	583	220
>TSC2-V1711VSDRNLPFV	5023	>TSC2-V1711VSDRNLPFM	113	4910
>TSC2-V1711VSDRNLPFV	8591	>TSC2-V1711VSDRNLPFM	244	8347
>TSC2-V1711VSDRNLPFV	1555	>TSC2-V1711VSDRNLPFM	444	1111
>TSC2-V1711IVSDRNLPFV	128	>TSC2-V1711IVSDRNLPFM	2696	2568
>TSC2-V1711IVSDRNLPFV,	1179	>TSC2-V1711IVSDRNLPFM	484	695
>TSC2-V1711IVSDRNLPFV	96	>TSC2-V1711IVSDRNLPFM	511	415
>TSC2-V1711IVSDRNLPFV,	1015	>TSC2-V1711IVSDRNLPFM	477	538
>TSC2-V1711IVSDRNLPFV	95	>TSC2-V1711IVSDRNLPFM	1692	1597
>TSC2-V1711IVSDRNLPFV,	655	>TSC2-V1711IVSDRNLPFM	370	285
>TSC2-V1711IVSDRNLPFV	74	>TSC2-V1711IVSDRNLPFM	1048	974
>TSC2-V1711IVSDRNLPFV,	414	>TSC2-V1711IVSDRNLPFM	223	191
>TSC2-V1711IVSDRNLPFV	34	>TSC2-V1711IVSDRNLPFM	2891	2857
>TSC2-V1711IVSDRNLPFV	226	>TSC2-V1711IVSDRNLPFM	8341	8115
>TSC2-V1711IVSDRNLPFV	45	>TSC2-V1711IVSDRNLPFM	6481	6436
>TSC2-V1711IVSDRNLPFV	36	>TSC2-V1711IVSDRNLPFM	1476	1440
>TSC2-V1711IVSDRNLPFV	5	>TSC2-V1711IVSDRNLPFM	1514	1509
>TSC2-V1711IVSDRNLPFV	9872	>TSC2-V1711IVSDRNLPFM	461	9411
>TSC2-V1711IVSDRNLPFV	435	>TSC2-V1711IVSDRNLPFM	706	271
>TSC2-V1711IVSDRNLPFV	242	>TSC2-V1711IVSDRNLPFM	2856	2614
>TSC2-V1711IVSDRNLPFV	4847	>TSC2-V1711IVSDRNLPFM	161	4686
>TSC2-V472M VLLINRQFY	1196	>TSC2-V472M MLLINRQFY	494	702
>TSC2-V472M VLLINRQFY	922	>TSC2-V472M MLLINRQFY	316	606
>TSC2-V472M VLLINRQFY	50	>TSC2-V472M MLLINRQFY	18	32
>TSC2-V472M VLLINRQFY	37	>TSC2-V472M MLLINRQFY	54	17
>TSC2-V472M VLLINRQFY	167	>TSC2-V472M MLLINRQFY	195	28
>TSC2-V472M VLLINRQF	740	>TSC2-V472M MLLINRQF	393	347
>TSC2-V472M VLLINRQFY	532	>TSC2-V472M MLLINRQFY	329	203
>TSC2-V472M VLLINRQF	175	>TSC2-V472M MLLINRQF	54	121
>TSC2-V472M VLLINRQFY	325	>TSC2-V472M MLLINRQFY	105	220
>TSC2-V472M VLLINRQF	386	>TSC2-V472M MLLINRQF	159	227
>TSC2-V472M FVLLINRQ	3202	>TSC2-V472M FMLLINRQ	338	2864
>TSC2-V472M FVLLINRQ	9740	>TSC2-V472M FMLLINRQ	246	9494
>TSC2-V472M FVLLINRQFYE	11811	>TSC2-V472M FMLLINRQFY	355	11456
>TSC2-V472M FVLLINRQ	8537	>TSC2-V472M FMLLINRQ	93	8444



>TSC2-V472MFVLLINRQFY	769	>TSC2-V472MFMLLINRQFY	334	435
>TSC2-V472MFVLLINRQF	663	>TSC2-V472MFMLLINRQF	208	455
>TSC2-V472MFVLLINRQFY	251	>TSC2-V472MFMLLINRQFY	5038	4787
>TSC2-V472MFVLLINRQF	1083	>TSC2-V472MFMLLINRQF	215	868
>TSC2-V472MFVLLINRQFY	54	>TSC2-V472MFMLLINRQFY	22	32
>TSC2-V472MFVLLINRQFY	264	>TSC2-V472MFMLLINRQFY	106	158
>TSC2-V472MFVLLINRQF	658	>TSC2-V472MFMLLINRQF	347	311
>TSC2-V472MFVLLINRQFY	476	>TSC2-V472MFMLLINRQFY	1318	842
>TSC2-V472MFVLLINRQFY	178	>TSC2-V472MFMLLINRQFY	202	24
>TSC2-V472MFVLLINRQFY	3149	>TSC2-V472MFMLLINRQFY	312	2837
>TSC2-V472MFVLLINRQF	1615	>TSC2-V472MFMLLINRQF	150	1465
>TSC2-V472MFVLLINRQFY	831	>TSC2-V472MFMLLINRQFY	85	746
>TSC2-V472MFVLLINRQF	933	>TSC2-V472MFMLLINRQF	21	912
>TSC2-V472MFVLLINRQFY	1316	>TSC2-V472MFMLLINRQFY	25	1291
>TSC2-V472MFVLLINRQF	262	>TSC2-V472MFMLLINRQF	477	215
>TSC2-V472MFVLLINRQF	288	>TSC2-V472MFMLLINRQF	2261	1973
>TSC2-V472MRIKVLVDVLSFV	344	>TSC2-V472MRIKVLVDVLSFM	2865	2521
>TSC2-V472MRIKVLVDVLSFV	50	>TSC2-V472MRIKVLVDVLSFM	1508	1458
>TSC2-V472MRIKVLVDVLSFV	169	>TSC2-V472MRIKVLVDVLSFM	3883	3714
>TSC2-V472MRIKVLVDVLSFV	150	>TSC2-V472MRIKVLVDVLSFM	14187	14037
>TSC2-V472MRIKVLVDVLSFV	18	>TSC2-V472MRIKVLVDVLSFM	28	10
>TSC2-V472MRIKVLVDVLSFV	5293	>TSC2-V472MRIKVLVDVLSFM	455	4838
>TSC2-V472MRIKVLVDVLSFV	920	>TSC2-V472MRIKVLVDVLSFM	61	859
>TSC2-V472MSFVLLINRQF	666	>TSC2-V472MSFMLLINRQF	316	350
>TSC2-V472MSFVLLINRQF	76	>TSC2-V472MSFMLLINRQF	16	60
>TSC2-V472MSFVLLINRQFY	448	>TSC2-V472MSFMLLINRQF	1432	984
>TSC2-V472MSFVLLINRQF	538	>TSC2-V472MSFMLLINRQF	217	321
>TSC2-V472MSFVLLINRQFY	24	>TSC2-V472MSFMLLINRQF	25	1
>TSC2-V472MSFVLLINRQFY	435	>TSC2-V472MSFMLLINRQF	216	219
>TSC2-V472MSFVLLINR	32	>TSC2-V472MSFMLLINR	14	18
>TSC2-V472MSFVLLINR	141	>TSC2-V472MSFMLLINR	48	93
>TSC2-V472MSFVLLINR	421	>TSC2-V472MSFMLLINR	407	14
>TSC2-V472MSFVLLINRQFY	563	>TSC2-V472MSFMLLINRQF	323	240
>TSC2-V472MSFVLLINR	33	>TSC2-V472MSFMLLINR	33	0
>TSC2-V472MSFVLLINRQF	557	>TSC2-V472MSFMLLINRQ	428	129
>TSC2-V472MSFVLLINR	101	>TSC2-V472MSFMLLINR	54	47
>TSC2-V472MSFVLLINR	11	>TSC2-V472MSFMLLINR	10	1
>TSC2-V472MSFVLLINRQF	287	>TSC2-V472MSFMLLINRQ	191	96
>TSC2-V472MSFVLLINR	152	>TSC2-V472MSFMLLINR	90	62
>TSC2-V472MSFVLLINR	27	>TSC2-V472MSFMLLINR	23	4
>TSC2-V472MSFVLLINRQF	230	>TSC2-V472MSFMLLINRQ	136	94
>TSC2-V472MSFVLLINRQF	25	>TSC2-V472MSFMLLINRQ	18	7
>TSC2-V472MSFVLLINRQF	4	>TSC2-V472MSFMLLINRQ	4	0

>TSC2-V472M LSFVLLINRQF	155	>TSC2-V472M LSFMLLINRQ	263	108
>TSC2-V472M LSFVLLINRQF	82	>TSC2-V472M LSFMLLINRQ	127	45
>TSC2-V472M LSFVLLINRQF	25	>TSC2-V472M LSFMLLINRQ	18	7
>TSC2-V472M LSFVLLINR	152	>TSC2-V472M LSFMLLINR	180	28
>TSC2-V472M LSFVLLINR	842	>TSC2-V472M LSFMLLINR	408	434
>TSC2-V472M VLSFVLLI	62	>TSC2-V472M VLSFMLLI	60	2
>TSC2-V472M VLSFVLLI	19	>TSC2-V472M VLSFMLLI	24	5
>TSC2-V472M VLSFVLLI	20	>TSC2-V472M VLSFMLLI	22	2
>TSC2-V472M VLSFVLLI	12	>TSC2-V472M VLSFMLLI	73	61
>TSC2-V472M VLSFVLLI	186	>TSC2-V472M VLSFMLLI	415	229
>TSC2-V472M VLSFVLLI	38	>TSC2-V472M VLSFMLLI	134	96
>TSC2-V472M VLSFVLLI	83	>TSC2-V472M VLSFMLLI	329	246
>TSC2-V472M VLSFVLLI	16	>TSC2-V472M VLSFMLLI	15	1
>TSC2-V472M VLSFVLLINRC	433	>TSC2-V472M VLSFMLLINRC	253	180
>TSC2-V472M VLSFVLLINR	224	>TSC2-V472M VLSFMLLINR	227	3
>TSC2-V472M VLSFVLLINR	116	>TSC2-V472M VLSFMLLINR	83	33
>TSC2-V472M VLSFVLLINR	30	>TSC2-V472M VLSFMLLINR	21	9
>TSC2-V472M VLSFVLLINR	243	>TSC2-V472M VLSFMLLINR	276	33
>TSC2-V472M VLSFVLLINR	74	>TSC2-V472M VLSFMLLINR	97	23
>TSC2-V472M DVLSFVLLINR	317	>TSC2-V472M DVLSFMLLINR	214	103
>TSC2-V472M DVLSFVLLINR	16	>TSC2-V472M DVLSFMLLINR	12	4
>TSC2-V472M DVLSFVLLINR	26	>TSC2-V472M DVLSFMLLINR	25	1
>TSC2-V472M DVLSFVLL	243	>TSC2-V472M DVLSFMLL	173	70
>TSC2-V472M DVLSFVLLI	376	>TSC2-V472M DVLSFMLLI	269	107
>TSC2-V472M DVLSFVLL	23	>TSC2-V472M DVLSFMLL	15	8
>TSC2-V472M DVLSFVLLI	12	>TSC2-V472M DVLSFMLLI	9	3
>TSC2-V472M DVLSFVLLINR	206	>TSC2-V472M DVLSFMLLINR	184	22
>TSC2-V472M LDVLSFVLLI	58	>TSC2-V472M LDVLSFMLLI	53	5
>TSC2-V472M LDVLSFVL	398	>TSC2-V472M LDVLSFML	524	126
>TSC2-V472M LDVLSFVLL	386	>TSC2-V472M LDVLSFMLL	464	78
>TSC2-V472M LDVLSFVL	198	>TSC2-V472M LDVLSFML	158	40
>TSC2-V472M LDVLSFVLL	119	>TSC2-V472M LDVLSFMLL	82	37
>TSC2-V472M LDVLSFVLLI	25	>TSC2-V472M LDVLSFMLLI	23	2
>TSC2-V472M VLDVLSFV	20	>TSC2-V472M VLDVLSFM	281	261
>TSC2-V472M VLDVLSFVL	64	>TSC2-V472M VLDVLSFML	30	34
>TSC2-V472M VLDVLSFVLL	377	>TSC2-V472M VLDVLSFMLL	154	223
>TSC2-V472M VLDVLSFVLLI	45	>TSC2-V472M VLDVLSFMLLI	41	4
>TSC2-V472M VLDVLSFV	14	>TSC2-V472M VLDVLSFM	257	243
>TSC2-V472M VLDVLSFVL	84	>TSC2-V472M VLDVLSFML	39	45
>TSC2-V472M VLDVLSFVLL	196	>TSC2-V472M VLDVLSFMLL	92	104
>TSC2-V472M VLDVLSFVLLI	162	>TSC2-V472M VLDVLSFMLLI	127	35
>TSC2-V472M VLDVLSFV	82	>TSC2-V472M VLDVLSFM	2291	2209
>TSC2-V472M VLDVLSFVLL	689	>TSC2-V472M VLDVLSFMLL	343	346

>TSC2-V472M VLDVLSFV	27	>TSC2-V472M VLDVLSFM	836	809
>TSC2-V472M VLDVLSFVL	248	>TSC2-V472M VLDVLSFML	185	63
>TSC2-V472M VLDVLSFVLL	940	>TSC2-V472M VLDVLSFMML	437	503
>TSC2-V472M VLDVLSFVLLI	665	>TSC2-V472M VLDVLSFMML	459	206
>TSC2-V472M VLDVLSFV	2	>TSC2-V472M VLDVLSFM	38	36
>TSC2-V472M VLDVLSFVL	11	>TSC2-V472M VLDVLSFML	6	5
>TSC2-V472M VLDVLSFVLL	25	>TSC2-V472M VLDVLSFMML	27	2
>TSC2-V472M VLDVLSFVLLI	11	>TSC2-V472M VLDVLSFMML	17	6
>TSC2-V472M VLDVLSFV	4	>TSC2-V472M VLDVLSFM	159	155
>TSC2-V472M VLDVLSFVL	9	>TSC2-V472M VLDVLSFML	13	4
>TSC2-V472M VLDVLSFVLL	38	>TSC2-V472M VLDVLSFMML	39	1
>TSC2-V472M VLDVLSFVLLI	57	>TSC2-V472M VLDVLSFMML	85	28
>TSC2-V472M VLDVLSFV	4	>TSC2-V472M VLDVLSFM	39	35
>TSC2-V472M VLDVLSFVL	9	>TSC2-V472M VLDVLSFML	7	2
>TSC2-V472M VLDVLSFVLL	16	>TSC2-V472M VLDVLSFMML	16	0
>TSC2-V472M VLDVLSFVLLI	15	>TSC2-V472M VLDVLSFMML	21	6
>TSC2-V472M VLDVLSFV	3	>TSC2-V472M VLDVLSFM	83	80
>TSC2-V472M VLDVLSFVL	9	>TSC2-V472M VLDVLSFML	8	1
>TSC2-V472M VLDVLSFVLL	80	>TSC2-V472M VLDVLSFMML	70	10
>TSC2-V472M VLDVLSFVLLI	64	>TSC2-V472M VLDVLSFMML	253	189
>TSC2-V472M VLDVLSFV	3	>TSC2-V472M VLDVLSFM	178	175
>TSC2-V472M VLDVLSFVL	11	>TSC2-V472M VLDVLSFML	8	3
>TSC2-V472M VLDVLSFVLL	12	>TSC2-V472M VLDVLSFMML	9	3
>TSC2-V472M VLDVLSFVLLI	29	>TSC2-V472M VLDVLSFMML	44	15
>TSC2-V472M KVLDVLSFV	9	>TSC2-V472M KVLDVLSFM	68	59
>TSC2-V472M KVLDVLSFVL	200	>TSC2-V472M KVLDVLSFML	165	35
>TSC2-V472M KVLDVLSFVLI	37	>TSC2-V472M KVLDVLSFML	35	2
>TSC2-V472M KVLDVLSFV	14	>TSC2-V472M KVLDVLSFM	306	292
>TSC2-V472M KVLDVLSFVL	118	>TSC2-V472M KVLDVLSFML	88	30
>TSC2-V472M KVLDVLSFVLI	93	>TSC2-V472M KVLDVLSFML	122	29
>TSC2-V472M KVLDVLSFV	8	>TSC2-V472M KVLDVLSFM	444	436
>TSC2-V472M KVLDVLSFVLI	358	>TSC2-V472M KVLDVLSFML	204	154
>TSC2-V472M KVLDVLSFV	3	>TSC2-V472M KVLDVLSFM	6	3
>TSC2-V472M KVLDVLSFVL	68	>TSC2-V472M KVLDVLSFML	55	13
>TSC2-V472M KVLDVLSFVLI	6	>TSC2-V472M KVLDVLSFML	6	0
>TSC2-V472M KVLDVLSFV	2	>TSC2-V472M KVLDVLSFM	30	28
>TSC2-V472M KVLDVLSFVL	20	>TSC2-V472M KVLDVLSFML	11	9
>TSC2-V472M KVLDVLSFVLI	43	>TSC2-V472M KVLDVLSFML	49	6
>TSC2-V472M KVLDVLSFV	4	>TSC2-V472M KVLDVLSFM	391	387
>TSC2-V472M KVLDVLSFVL	29	>TSC2-V472M KVLDVLSFML	47	18
>TSC2-V472M KVLDVLSFVLI	142	>TSC2-V472M KVLDVLSFML	144	2
>TSC2-V472M KVLDVLSFV	6	>TSC2-V472M KVLDVLSFM	183	177
>TSC2-V472M KVLDVLSFVL	33	>TSC2-V472M KVLDVLSFML	21	12

>TSC2-V472M KVLDVLSFVLI	77	>TSC2-V472M KVLDVLSFML	90	13
>TSC2-V472M KVLDVLSFV	4	>TSC2-V472M KVLDVLSFM	111	107
>TSC2-V472M KVLDVLSFVL	41	>TSC2-V472M KVLDVLSFML	35	6
>TSC2-V472M KVLDVLSFVLI	298	>TSC2-V472M KVLDVLSFML	307	9
>TSC2-V472M KVLDVLSFV	4	>TSC2-V472M KVLDVLSFM	1412	1408
>TSC2-V472M KVLDVLSFVL	115	>TSC2-V472M KVLDVLSFML	86	29
>TSC2-V472M KVLDVLSFVLI	89	>TSC2-V472M KVLDVLSFML	77	12
>TSC2-V472M KVLDVLSFV	1844	>TSC2-V472M KVLDVLSFM	19	1825
>TSC2-V472M KVLDVLSFV	45	>TSC2-V472M KVLDVLSFM	70	25
>TSC2-V472M KVLDVLSFVL	231	>TSC2-V472M KVLDVLSFML	264	33
>TSC2-V472M KVLDVLSFVLI	145	>TSC2-V472M KVLDVLSFML	58	87
>TSC2-V472M KVLDVLSFVL	61	>TSC2-V472M KVLDVLSFML	87	26
>TSC2-V472M KVLDVLSFVLI	149	>TSC2-V472M KVLDVLSFML	352	203
>TSC2-V472M KVLDVLSFV	139	>TSC2-V472M KVLDVLSFM	5824	5685
>TSC2-V472M KVLDVLSFV	27	>TSC2-V472M KVLDVLSFM	405	378
>TSC2-V472M KVLDVLSFVL	611	>TSC2-V472M KVLDVLSFML	103	508
>TSC2-V472M KVLDVLSFV	7719	>TSC2-V472M KVLDVLSFM	287	7432
>TSC2-V472M KVLDVLSFVL	289	>TSC2-V472M KVLDVLSFML	214	75
>TSC2-V472M KVLDVLSFV	9230	>TSC2-V472M KVLDVLSFM	245	8985
>TSC2-V472M KVLDVLSFVL	144	>TSC2-V472M KVLDVLSFML	405	261
>TSC2-V472M KVLDVLSFVLI	1444	>TSC2-V472M KVLDVLSFML	446	998
>TSC2-V472M KVLDVLSFV	81	>TSC2-V472M KVLDVLSFM	7	74
>TSC2-V472M KVLDVLSFVLI	178	>TSC2-V472M KVLDVLSFML	81	97
>TSC2-V472M KVLDVLSFV	191	>TSC2-V472M KVLDVLSFM	52	139
>TSC2-V472M KVLDVLSFVL	56	>TSC2-V472M KVLDVLSFM	99	43
>TSC2-V472M KVLDVLSFVL	272	>TSC2-V472M KVLDVLSFM	2019	1747
>TSC2-V841I VPLLEFLS	557	>TSC2-V841I IPLLEFLS	136	421
>TSC2-V841I VPLLEFLST	879	>TSC2-V841I IPLLEFLST	173	706
>TSC2-V841I VPLLEFLSTLA	30	>TSC2-V841I IPLLEFLSTLA	13	17
>TSC2-V841I VPLLEFLSTL	219	>TSC2-V841I IPLLEFLSTL	90	129
>TSC2-V841I AVPLLEFLSTL	353	>TSC2-V841I AIPLLEFLSTL	497	144
>TSC2-V841I AVPLLEFL	278	>TSC2-V841I AIPLLEFL	152	126
>TSC2-V841I AVPLLEFL	169	>TSC2-V841I AIPLLEFL	203	34
>TSC2-V841I AVPLLEFLSTL	320	>TSC2-V841I AIPLLEFLSTL	384	64
>TSC2-V841I AVPLLEFLSTL	671	>TSC2-V841I AIPLLEFLSTL	205	466
>TSC2-V841I AVPLLEFL	108	>TSC2-V841I AIPLLEFL	1497	1389
>TSC2-V841I AVPLLEFLSTL	78	>TSC2-V841I AIPLLEFLSTL	208	130
>TSC2-V841I THISATASMA	410	>TSC2-V841I THISATASMA	320	90
>TSC2-V841I THISATASMA	14	>TSC2-V841I THISATASMA	18	4
>TSC2-V841I MAVPLLEFL	703	>TSC2-V841I MAIPLLEFL	159	544
>TSC2-V841I MAVPLLEFL	21	>TSC2-V841I MAIPLLEFL	15	6
>TSC2-V841I MAVPLLEFL	758	>TSC2-V841I MAIPLLEFL	381	377
>TSC2-V841I MAVPLLEF	248	>TSC2-V841I MAIPLLEF	164	84

>TSC2-V841I·MAVPLLEFL	8	>TSC2-V841I·MAIPLLEFL	6	2
>TSC2-V841I·MAVPLLEFLS	109	>TSC2-V841I·MAIPLLEFLST	72	37
>TSC2-V841I·MAVPLLEFL	605	>TSC2-V841I·MAIPLLEFL	379	226
>TSC2-V841I·MAVPLLEF	659	>TSC2-V841I·MAIPLLEF	335	324
>TSC2-V841I·MAVPLLEF	378	>TSC2-V841I·MAIPLLEF	135	243
>TSC2-V841I·MAVPLLEF	1099	>TSC2-V841I·MAIPLLEF	498	601
>TSC2-V841I·MAVPLLEFL	643	>TSC2-V841I·MAIPLLEFL	289	354
>TSC2-V841I·MAVPLLEF	621	>TSC2-V841I·MAIPLLEF	283	338
>TSC2-V841I·MAVPLLEFL	9	>TSC2-V841I·MAIPLLEFL	7	2
>TSC2-V841I·MAVPLLEFL	280	>TSC2-V841I·MAIPLLEFL	224	56
>TSC2-V841I·MAVPLLEF	226	>TSC2-V841I·MAIPLLEF	106	120
>TSC2-V841I·MAVPLLEF	54	>TSC2-V841I·MAIPLLEF	40	14
>TSC2-V841I·MAVPLLEF	4	>TSC2-V841I·MAIPLLEF	4	0
>TSC2-V841I·MAVPLLEFL	39	>TSC2-V841I·MAIPLLEFL	41	2
>TSC2-V841I·MAVPLLEF	19	>TSC2-V841I·MAIPLLEF	20	1
>TSC2-V841I·MAVPLLEF	280	>TSC2-V841I·MAIPLLEF	268	12
>TSC2-V841I·MAVPLLEF	216	>TSC2-V841I·MAIPLLEF	185	31
>TSC2-V841I·MAVPLLEF	355	>TSC2-V841I·MAIPLLEF	262	93
>TSC2-V841I·MAVPLLEF	16	>TSC2-V841I·MAIPLLEF	15	1
>TSC2-V841I·MAVPLLEFL	79	>TSC2-V841I·MAIPLLEFL	46	33
>TSC2-V841I·MAVPLLEFL	301	>TSC2-V841I·MAIPLLEFL	592	291
>TSC2-V841I·MAVPLLEF	467	>TSC2-V841I·MAIPLLEF	902	435
>TSC2-V841I·MAVPLLEFL	469	>TSC2-V841I·MAIPLLEFL	942	473
>TSC2-V841I·SMAVPLLEFL	100	>TSC2-V841I·SMAIPLLEFL	67	33
>TSC2-V841I·SMAVPLLEFL	14	>TSC2-V841I·SMAIPLLEFL	13	1
>TSC2-V841I·SMAVPLLEFL	58	>TSC2-V841I·SMAIPLLEFL	52	6
>TSC2-V841I·SMAVPLLEFL	97	>TSC2-V841I·SMAIPLLEFL	76	21
>TSC2-V841I·SMAVPLLEF	1053	>TSC2-V841I·SMAIPLLEF	377	676
>TSC2-V841I·SMAVPLLEFL	6	>TSC2-V841I·SMAIPLLEFL	5	1
>TSC2-V841I·SMAVPLLEFL	40	>TSC2-V841I·SMAIPLLEFL	58	18
>TSC2-V841I·SMAVPLLEFL	10	>TSC2-V841I·SMAIPLLEFL	9	1
>TSC2-V841I·SMAVPLLEFL	36	>TSC2-V841I·SMAIPLLEFL	65	29
>TSC2-V841I·SMAVPLLEFL	8	>TSC2-V841I·SMAIPLLEFL	6	2
>TSC2-V841I·SMAVPLLEF	503	>TSC2-V841I·SMAIPLLEF	495	8
>TSC2-V841I·SMAVPLLEF	91	>TSC2-V841I·SMAIPLLEF	65	26
>TSC2-V841I·SMAVPLLEF	50	>TSC2-V841I·SMAIPLLEF	58	8
>TSC2-V841I·SMAVPLLEF	100	>TSC2-V841I·SMAIPLLEF	162	62
>TSC2-V841I·SMAVPLLEF	11	>TSC2-V841I·SMAIPLLEF	17	6
>TSC2-V841I·SMAVPLLEF	196	>TSC2-V841I·SMAIPLLEF	83	113
>TSC2-V841I·SMAVPLLEFL	328	>TSC2-V841I·SMAIPLLEFL	287	41
>TSC2-V841I·ASMAVPLL	505	>TSC2-V841I·ASMAIPLL	361	144
>TSC2-V841I·ASMAVPLLEF	427	>TSC2-V841I·ASMAIPLLEFI	343	84
>TSC2-V841I·ASMAVPLL	195	>TSC2-V841I·ASMAIPLL	94	101

>TSC2-V841I·ASMAVPLLEF	37	>TSC2-V841I·ASMAIPLLEFI	19	18
>TSC2-V841I·ASMAVPLL	442	>TSC2-V841I·ASMAIPLL	362	80
>TSC2-V841I·ASMAVPLLEF	109	>TSC2-V841I·ASMAIPLLEFI	123	14
>TSC2-V841I·ASMAVPLLEF	309	>TSC2-V841I·ASMAIPLLEF	490	181
>TSC2-V841I·ASMAVPLL	525	>TSC2-V841I·ASMAIPLL	454	71
>TSC2-V841I·ASMAVPLLEF	59	>TSC2-V841I·ASMAIPLLEF	41	18
>TSC2-V841I·ASMAVPLLEF	559	>TSC2-V841I·ASMAIPLLEFI	347	212
>TSC2-V841I·ASMAVPLLEF	193	>TSC2-V841I·ASMAIPLLEFI	124	69
>TSC2-V841I·ASMAVPLLEF	117	>TSC2-V841I·ASMAIPLLEF	157	40
>TSC2-V841I·ASMAVPLLEF	16	>TSC2-V841I·ASMAIPLLEF	16	0
>TSC2-V841I·ASMAVPLL	26	>TSC2-V841I·ASMAIPLL	22	4
>TSC2-V841I·ASMAVPLLEF	4	>TSC2-V841I·ASMAIPLLEF	3	1
>TSC2-V841I·ASMAVPLLEF	48	>TSC2-V841I·ASMAIPLLEFI	36	12
>TSC2-V841I·ASMAVPLL	448	>TSC2-V841I·ASMAIPLL	745	297
>TSC2-V841I·ASMAVPLL	108	>TSC2-V841I·ASMAIPLL	390	282
>TSC2-V841I·ASMAVPLLEF	18	>TSC2-V841I·ASMAIPLLEF	28	10
>TSC2-V841I·ASMAVPLLEF	84	>TSC2-V841I·ASMAIPLLEFI	196	112
>TSC2-V841I·ASMAVPLLEF	362	>TSC2-V841I·ASMAIPLLEFI	351	11
>TSC2-V841I·ASMAVPLLEF	48	>TSC2-V841I·ASMAIPLLEF	43	5
>TSC2-V841I·ASMAVPLLEF	262	>TSC2-V841I·ASMAIPLLEFI	224	38
>TSC2-V841I·ASMAVPLLEF	402	>TSC2-V841I·ASMAIPLLEFI	387	15
>TSC2-V841I·TASMAVPL	115	>TSC2-V841I·TASMAIPL	182	67
>TSC2-V841I·TASMAVPLLE	252	>TSC2-V841I·TASMAIPLLEI	375	123
>TSC2-V841I·TASMAVPL	262	>TSC2-V841I·TASMAIPL	310	48
>TSC2-V841I·TASMAVPLLE	24	>TSC2-V841I·TASMAIPLLEI	24	0
>TSC2-V841I·TASMAVPL	279	>TSC2-V841I·TASMAIPL	262	17
>TSC2-V841I·TASMAVPLLE	137	>TSC2-V841I·TASMAIPLLEI	160	23
>TSC2-V841I·TASMAVPL	441	>TSC2-V841I·TASMAIPL	558	117
>TSC2-V841I·TASMAVPLLE	214	>TSC2-V841I·TASMAIPLLEI	387	173
>TSC2-V841I·TASMAVPLL	41	>TSC2-V841I·TASMAIPLL	33	8
>TSC2-V841I·ATASMAVPL	66	>TSC2-V841I·ATASMAIPL	160	94
>TSC2-V841I·ATASMAVPLI	202	>TSC2-V841I·ATASMAIPLL	138	64
>TSC2-V841I·ATASMAVPL	429	>TSC2-V841I·ATASMAIPL	432	3
>TSC2-V841I·ATASMAVPLI	1061	>TSC2-V841I·ATASMAIPLL	437	624
>TSC2-V841I·ATASMAVPLI	430	>TSC2-V841I·ATASMAIPLL	411	19
>TSC2-V841I·ATASMAVPL	19	>TSC2-V841I·ATASMAIPL	52	33
>TSC2-V841I·ATASMAVPL	26	>TSC2-V841I·ATASMAIPL	62	36
>TSC2-V841I·ATASMAVPLI	263	>TSC2-V841I·ATASMAIPLL	251	12
>TSC2-V841I·ATASMAVPL	361	>TSC2-V841I·ATASMAIPL	239	122
>TSC2-V841I·ATASMAVPL	399	>TSC2-V841I·ATASMAIPL	808	409
>TSC2-V841I·ATASMAVPL	7	>TSC2-V841I·ATASMAIPL	8	1
>TSC2-V841I·ATASMAVPLI	12	>TSC2-V841I·ATASMAIPLL	14	2
>TSC2-V841I·ATASMAVPL	292	>TSC2-V841I·ATASMAIPL	308	16

>TSC2-V841I· ATASMAVPL	21	>TSC2-V841I· ATASMAIPL	14	7
>TSC2-V841I· ATASMAVPLI	6	>TSC2-V841I· ATASMAIPLL	5	1
>TSC2-V841I· ATASMAVPL	260	>TSC2-V841I· ATASMAIPL	215	45
>TSC2-V841I· ATASMAVPLI	106	>TSC2-V841I· ATASMAIPLL	71	35
>TSC2-V841I· ATASMAVPL	378	>TSC2-V841I· ATASMAIPL	389	11
>TSC2-V841I· SATASMAV	350	>TSC2-V841I· SATASMAI	2540	2190
>TSC2-V841I· SATASMAV	73	>TSC2-V841I· SATASMAI	624	551
>TSC2-V841I· SATASMAVPI	582	>TSC2-V841I· SATASMAIPL	389	193
>TSC2-V841I· SATASMAV	161	>TSC2-V841I· SATASMAI	10863	10702
>TSC2-V841I· SATASMAV	26	>TSC2-V841I· SATASMAI	118	92
>TSC2-V841I· SATASMAVPI	271	>TSC2-V841I· SATASMAIPL	195	76
>TSC2-V841I· SATASMAV	97	>TSC2-V841I· SATASMAI	769	672
>TSC2-V841I· SATASMAVPI	35	>TSC2-V841I· SATASMAIPL	46	11
>TSC2-V841I· SATASMAVPI	96	>TSC2-V841I· SATASMAIPL	116	20
>TSC2-V841I· SATASMAVPI	316	>TSC2-V841I· SATASMAIPL	393	77
>TSC2-V841I· SATASMAVPI	81	>TSC2-V841I· SATASMAIPL	56	25
>TSC2-V841I· SATASMAVPI	19	>TSC2-V841I· SATASMAIPL	16	3
>TSC2-V841I· SATASMAV	10848	>TSC2-V841I· SATASMAI	222	10626
>TSC2-V841I· ISATASMAVP	513	>TSC2-V841I· ISATASMAIPI	496	17
>TSC2-V841I· ISATASMAV	421	>TSC2-V841I· ISATASMAI	1548	1127
>TSC2-V841I· ISATASMAVP	478	>TSC2-V841I· ISATASMAIPI	765	287
>TSC2-V841I· ISATASMAV	429	>TSC2-V841I· ISATASMAI	2589	2160
>TSC2-V841I· ISATASMAV	31	>TSC2-V841I· ISATASMAI	108	77
>TSC2-V841I· ISATASMAVP	115	>TSC2-V841I· ISATASMAIPI	232	117
>TSC2-V841I· ISATASMAV	73	>TSC2-V841I· ISATASMAI	56	17
>TSC2-V841I· ISATASMAVP	65	>TSC2-V841I· ISATASMAIPI	128	63
>TSC2-V841I· ISATASMAV	545	>TSC2-V841I· ISATASMAI	54	491
>TSC2-V841I· ISATASMAVP	8	>TSC2-V841I· ISATASMAIPI	8	0
>TSC2-V841I· ISATASMAV	5026	>TSC2-V841I· ISATASMAI	103	4923
>TSC2-V841I· ISATASMAV	443	>TSC2-V841I· ISATASMAI	246	197
>TSC2-V841I· ISATASMAVP	43	>TSC2-V841I· ISATASMAIPI	30	13
>TSC2-V841I· ISATASMAV	4565	>TSC2-V841I· ISATASMAI	45	4520
>TSC2-V841I· HISATASMAV	432	>TSC2-V841I· HISATASMAI	2227	1795
>TSC2-V841I· HISATASMAV	88	>TSC2-V841I· HISATASMAI	177	89
>TSC2-V841I· HISATASMAV	51	>TSC2-V841I· HISATASMAI	157	106
>TSC2-V841I· HISATASMAV	141	>TSC2-V841I· HISATASMAI	539	398
>TSC2-V841I· HISATASMAV	220	>TSC2-V841I· HISATASMAI	2860	2640
>TSC2-V841I· HISATASMAV	247	>TSC2-V841I· HISATASMAI	2801	2554
>TSC2-V841I· HISATASMAV	356	>TSC2-V841I· HISATASMAI	6943	6587
>TSC2-V841I· HISATASMAV	16	>TSC2-V841I· HISATASMAI	3073	3057
>TSC2-V841I· HISATASMAV	270	>TSC2-V841I· HISATASMAI	159	111
>TSC2-V841I· HISATASMAV	4563	>TSC2-V841I· HISATASMAI	379	4184
>TSC2-V841I· HISATASMAV	87	>TSC2-V841I· HISATASMAI	242	155

>TSC2-V841I·HISATASMAV	28	>TSC2-V841I·HISATASMAI	208	180
>TSC2-V841I·HISATASMAV	233	>TSC2-V841I·HISATASMAI	187	46
>TSC2-Y1608YCW HDDIMC	157	>TSC2-Y1608DCW HDDIMC	16749	16592
>TSC2-Y1608YCW HDDIMC	30	>TSC2-Y1608DCW HDDIMC	4665	4635
>TSC2-Y1608YCW HDDIMC	60	>TSC2-Y1608DCW HDDIMC	10741	10681
>TSC2-Y1608YCW HDDIMC	61	>TSC2-Y1608DCW HDDIMC	6279	6218
>TSC2-Y1608YCW HDDIMC	60	>TSC2-Y1608DCW HDDIMC	12166	12106
>TSC2-Y1608YCW HDDIMC	237	>TSC2-Y1608DCW HDDIMC	446	209
>TSC2-Y1608YCW HDDIM	38	>TSC2-Y1608DCW HDDIM	280	242
>TSC2-Y1608TYCW HDDI	356	>TSC2-Y1608TDCW HDDI	25284	24928
>TSC2-Y1608TYCW HDDI	411	>TSC2-Y1608TDCW HDDI	26992	26581
>TSC2-Y1608TYCW HDDI	34	>TSC2-Y1608TDCW HDDI	26159	26125
>TSC2-Y1608TYCW HDDI	445	>TSC2-Y1608TDCW HDDI	35429	34984
>TSC2-Y1608TYCW HDDI	26450	>TSC2-Y1608TDCW HDDI	496	25954
>TSC2-Y1608DVCGEDGQF	424	>TSC2-Y1608DVCGEDGQF	20743	20319
>TSC2-Y1608DVCGEDGQF	22	>TSC2-Y1608DVCGEDGQF	19953	19931
>TSC2-Y1608DVCGEDGQF	255	>TSC2-Y1608DVCGEDGQF	34475	34220
>TSC2-Y1608DVCGEDGQF	102	>TSC2-Y1608DVCGEDGQF	21591	21489
>TSC2-Y1608DVCGEDGQF	250	>TSC2-Y1608DVCGEDGQF	31845	31595
>TSC2-Y1608DVCGEDGQF	198	>TSC2-Y1608DVCGEDGQF	20997	20799
>TSC2-Y1608DVCGEDGQF	463	>TSC2-Y1608DVCGEDGQF	33974	33511
>TSC2-Y1608FTYCW HDDII	105	>TSC2-Y1608FTDCW HDDII	1074	969
>TSC2-Y1608FTYCW HDDI	162	>TSC2-Y1608FTDCW HDDI	4978	4816
>TSC2-Y1608FTYCW HDDI	191	>TSC2-Y1608FTDCW HDDI	561	370
>TSC2-Y1608FTYCW HDDII	204	>TSC2-Y1608FTDCW HDDII	890	686
>TSC2-Y1608FTYCW HDDI	18	>TSC2-Y1608FTDCW HDDI	96	78
>TSC2-Y1608FTYCW HDDII	304	>TSC2-Y1608FTDCW HDDII	1401	1097
>TSC2-Y1608FTYCW HDDI	276	>TSC2-Y1608FTDCW HDDI	737	461
>TSC2-Y1608FTYCW HDDII	77	>TSC2-Y1608FTDCW HDDII	7812	7735
>TSC2-Y1608FTYCW HDDI	490	>TSC2-Y1608FTDCW HDDI	5525	5035
>TSC2-Y1608FTYCW HDDII	258	>TSC2-Y1608FTDCW HDDII	5592	5334
>TSC2-Y1608FTYCW HDDI	34	>TSC2-Y1608FTDCW HDDI	901	867
>TSC2-Y1608FTYCW HDDI	23	>TSC2-Y1608FTDCW HDDI	57	34
>TSC2-Y1608FTYCW HDDII	189	>TSC2-Y1608FTDCW HDDII	449	260
>TSC2-Y1608FTYCW HDDII	65	>TSC2-Y1608FTDCW HDDII	1542	1477
>TSC2-Y1608FTYCW HDDII	405	>TSC2-Y1608FTDCW HDDII	988	583
>TSC2-Y1608FTYCW HDDI	292	>TSC2-Y1608FTDCW HDDI	1775	1483
>TSC2-Y1608FTYCW HDDII	147	>TSC2-Y1608FTDCW HDDII	1110	963
>TSC2-Y1608FTYCW HDDI	33	>TSC2-Y1608FTDCW HDDI	535	502
>TSC2-Y1608GQFTYCW HE	164	>TSC2-Y1608GQFTDCW HE	275	111
>TSC2-Y1608GQFTYCW HE	155	>TSC2-Y1608GQFTDCW HE	286	131
>TSC2-Y1608GQFTYCW HE	127	>TSC2-Y1608GQFTDCW HE	388	261
>TSC2-Y1608EDGQFTYCW	463	>TSC2-Y1608EDGQFTDCW	758	295



>TSC2-Y1608 GEDGQFTYC\	146	>TSC2-Y1608 GEDGQFTDC'	670	524
>TSC2-Y1608 GEDGQFTY	388	>TSC2-Y1608 GEDGQFTD	7515	7127
>TSC2-Y1608 GEDGQFTYC\	195	>TSC2-Y1608 GEDGQFTDC'	776	581
>TSC2-Y1608 GEDGQFTYC\	245	>TSC2-Y1608 GEDGQFTDC'	506	261
>TSC2-Y1608 CGEDGQFTY	97	>TSC2-Y1608 CGEDGQFTD	27761	27664
>TSC2-Y1608 CGEDGQFTY	291	>TSC2-Y1608 CGEDGQFTD	24324	24033
>TSC2-Y1608 CGEDGQFTY(\	422	>TSC2-Y1608 CGEDGQFTD\	409	13
>TSC2-Y1608 CGEDGQFTY(\	773	>TSC2-Y1608 CGEDGQFTD\	303	470
>TSC2-Y1608 CGEDGQFTY	297	>TSC2-Y1608 CGEDGQFTD	36712	36415
>TSC2-Y1608 VCGEDGQFT\	130	>TSC2-Y1608 VCGEDGQFT\	25125	24995
>TSHR-A428\ALLGNVFV	9	>TSHR-A428\VLLGNVFV	9	0
>TSHR-A428\ALLGNVFL	14	>TSHR-A428\VLLGNVFL	15	1
>TSHR-A428\ALLGNVFLL	43	>TSHR-A428\VLLGNVFLL	50	7
>TSHR-A428\ALLGNVFLL\	17	>TSHR-A428\VLLGNVFLL\	21	4
>TSHR-A428\ALLGNVFV	8	>TSHR-A428\VLLGNVFV	14	6
>TSHR-A428\ALLGNVFL	39	>TSHR-A428\VLLGNVFL	85	46
>TSHR-A428\ALLGNVFLL	37	>TSHR-A428\VLLGNVFLL	67	30
>TSHR-A428\ALLGNVFLL\	76	>TSHR-A428\VLLGNVFLL\	165	89
>TSHR-A428\ALLGNVFV	17	>TSHR-A428\VLLGNVFV	29	12
>TSHR-A428\ALLGNVFL	141	>TSHR-A428\VLLGNVFL	261	120
>TSHR-A428\ALLGNVFLL	70	>TSHR-A428\VLLGNVFLL	150	80
>TSHR-A428\ALLGNVFLL\	69	>TSHR-A428\VLLGNVFLL\	114	45
>TSHR-A428\ALLGNVFV	6	>TSHR-A428\VLLGNVFV	7	1
>TSHR-A428\ALLGNVFL	19	>TSHR-A428\VLLGNVFL	24	5
>TSHR-A428\ALLGNVFLL	127	>TSHR-A428\VLLGNVFLL	179	52
>TSHR-A428\ALLGNVFLL\	70	>TSHR-A428\VLLGNVFLL\	101	31
>TSHR-A428\ALLGNVFV	1	>TSHR-A428\VLLGNVFV	1	0
>TSHR-A428\ALLGNVFL	2	>TSHR-A428\VLLGNVFL	2	0
>TSHR-A428\ALLGNVFLL	2	>TSHR-A428\VLLGNVFLL	2	0
>TSHR-A428\ALLGNVFLL\	2	>TSHR-A428\VLLGNVFLL\	2	0
>TSHR-A428\ALLGNVFV	3	>TSHR-A428\VLLGNVFV	3	0
>TSHR-A428\ALLGNVFL	3	>TSHR-A428\VLLGNVFL	3	0
>TSHR-A428\ALLGNVFLL	7	>TSHR-A428\VLLGNVFLL	7	0
>TSHR-A428\ALLGNVFLL\	14	>TSHR-A428\VLLGNVFLL\	14	0
>TSHR-A428\ALLGNVFV	4	>TSHR-A428\VLLGNVFV	3	1
>TSHR-A428\ALLGNVFL	5	>TSHR-A428\VLLGNVFL	5	0
>TSHR-A428\ALLGNVFLL	6	>TSHR-A428\VLLGNVFLL	6	0
>TSHR-A428\ALLGNVFLL\	8	>TSHR-A428\VLLGNVFLL\	8	0
>TSHR-A428\ALLGNVFV	2	>TSHR-A428\VLLGNVFV	2	0
>TSHR-A428\ALLGNVFL	3	>TSHR-A428\VLLGNVFL	2	1
>TSHR-A428\ALLGNVFLL	7	>TSHR-A428\VLLGNVFLL	5	2
>TSHR-A428\ALLGNVFLL\	11	>TSHR-A428\VLLGNVFLL\	7	4
>TSHR-A428\ALLGNVFV	2	>TSHR-A428\VLLGNVFV	2	0

>TSHR-A428\ALLGNVFVL	2	>TSHR-A428\VLLGNVFVL	2	0
>TSHR-A428\ALLGNVFVLL	2	>TSHR-A428\VLLGNVFVLL	2	0
>TSHR-A428\ALLGNVFVLL	3	>TSHR-A428\VLLGNVFVLL	4	1
>TSHR-A428\ALLGNVFVL	62	>TSHR-A428\VLLGNVFVL	261	199
>TSHR-A428\ALLGNVFVLL	81	>TSHR-A428\VLLGNVFVLL	383	302
>TSHR-A428\ALLGNVFVLL	51	>TSHR-A428\VLLGNVFVLL	220	169
>TSHR-A428\ALLGNVVFV	268	>TSHR-A428\VLLGNVVFV	352	84
>TSHR-A428\ALLGNVFVL	134	>TSHR-A428\VLLGNVFVL	447	313
>TSHR-A428\ALLGNVFVLL	190	>TSHR-A428\VLLGNVFVLL	353	163
>TSHR-A428\LALLGNVVFV	890	>TSHR-A428\LVLLGNVVFV	99	791
>TSHR-A428\LALLGNVFVL	729	>TSHR-A428\LVLLGNVFVL	473	256
>TSHR-A428\LALLGNVVFV	930	>TSHR-A428\LVLLGNVVFV	251	679
>TSHR-A428\LALLGNVFVL	493	>TSHR-A428\LVLLGNVFVL	232	261
>TSHR-A428\LALLGNVVFV	33	>TSHR-A428\LVLLGNVVFV	12	21
>TSHR-A428\LALLGNVFVL	654	>TSHR-A428\LVLLGNVFVL	337	317
>TSHR-A428\LALLGNVFVLL	212	>TSHR-A428\LVLLGNVFVLL	62	150
>TSHR-A428\LALLGNVVFV	265	>TSHR-A428\LVLLGNVVFV	46	219
>TSHR-A428\LALLGNVFVL	1311	>TSHR-A428\LVLLGNVFVL	304	1007
>TSHR-A428\LALLGNVVFV	2427	>TSHR-A428\LVLLGNVVFV	160	2267
>TSHR-A428\LALLGNVVFV	138	>TSHR-A428\LVLLGNVVFV	18	120
>TSHR-A428\LALLGNVFVL	3912	>TSHR-A428\LVLLGNVFVL	446	3466
>TSHR-A428\LALLGNVVFV	224	>TSHR-A428\LVLLGNVVFV	16	208
>TSHR-A428\LALLGNVFVL	992	>TSHR-A428\LVLLGNVFVL	107	885
>TSHR-A428\LALLGNVVFV	159	>TSHR-A428\LVLLGNVVFV	16	143
>TSHR-A428\LALLGNVFVL	2362	>TSHR-A428\LVLLGNVFVL	154	2208
>TSHR-A428\LALLGNVFVLL	4935	>TSHR-A428\LVLLGNVFVLL	315	4620
>TSHR-A428\LALLGNVVFV	680	>TSHR-A428\LVLLGNVVFV	123	557
>TSHR-A428\LALLGNVVFV	118	>TSHR-A428\LVLLGNVVFV	44	74
>TSHR-A428\LALLGNVVF	444	>TSHR-A428\LVLLGNVF	282	162
>TSHR-A428\LALLGNVF	52	>TSHR-A428\LVLLGNVF	270	218
>TSHR-A428\LALLGNVF	31	>TSHR-A428\LVLLGNVF	393	362
>TSHR-A428\LALLGNVFVL	78	>TSHR-A428\LVLLGNVFVL	925	847
>TSHR-A428\LALLGNVF	80	>TSHR-A428\LVLLGNVF	294	214
>TSHR-A428\LALLGNVF	496	>TSHR-A428\LVLLGNVF	3590	3094
>TSHR-A428\LALLGNVF	198	>TSHR-A428\LVLLGNVF	305	107
>TSHR-A428\RIVVWVFSLL	1646	>TSHR-A428\RIVVWVFSLL	112	1534
>TSHR-A428\RIVVWVFSLL	2812	>TSHR-A428\RIVVWVFSLL	325	2487
>TSHR-A428\RIVVWVFSLL	616	>TSHR-A428\RIVVWVFSLL	99	517
>TSHR-A428\RIVVWVFSLL	184	>TSHR-A428\RIVVWVFSLL	14	170
>TSHR-A428\RIVVWVFSLL	1487	>TSHR-A428\RIVVWVFSLL	23	1464
>TSHR-A428\RIVVWVFSLL	3508	>TSHR-A428\RIVVWVFSLL	76	3432
>TSHR-A428\RIVVWVFSLL	2342	>TSHR-A428\RIVVWVFSLL	24	2318
>TSHR-A428\RIVVWVFSLL	449	>TSHR-A428\RIVVWVFSLL	857	408

>TSHR-A428\RIVVWFVSLL	5362	>TSHR-A428\RIVVWFVSLL'	264	5098
>TSHR-A428\LLALLGNV	135	>TSHR-A428\LLVLLGNV	508	373
>TSHR-A428\LLALLGNVFV	36	>TSHR-A428\LLVLLGNVFV	53	17
>TSHR-A428\LLALLGNVFV	161	>TSHR-A428\LLVLLGNVFV	355	194
>TSHR-A428\LLALLGNV	12	>TSHR-A428\LLVLLGNV	102	90
>TSHR-A428\LLALLGNVFV	28	>TSHR-A428\LLVLLGNVFV	65	37
>TSHR-A428\LLALLGNVFV	20	>TSHR-A428\LLVLLGNVFV	164	144
>TSHR-A428\LLALLGNV	8	>TSHR-A428\LLVLLGNV	21	13
>TSHR-A428\LLALLGNVFV	46	>TSHR-A428\LLVLLGNVFV	63	17
>TSHR-A428\LLALLGNVFV	87	>TSHR-A428\LLVLLGNVFV	305	218
>TSHR-A428\LLALLGNV	138	>TSHR-A428\LLVLLGNV	132	6
>TSHR-A428\LLALLGNVFV	130	>TSHR-A428\LLVLLGNVFV	86	44
>TSHR-A428\LLALLGNVFV	289	>TSHR-A428\LLVLLGNVFV	297	8
>TSHR-A428\LLALLGNV	13	>TSHR-A428\LLVLLGNV	15	2
>TSHR-A428\LLALLGNVFV	9	>TSHR-A428\LLVLLGNVFV	10	1
>TSHR-A428\LLALLGNVFV	39	>TSHR-A428\LLVLLGNVFV	46	7
>TSHR-A428\LLALLGNV	37	>TSHR-A428\LLVLLGNV	42	5
>TSHR-A428\LLALLGNVFV	14	>TSHR-A428\LLVLLGNVFV	15	1
>TSHR-A428\LLALLGNVFV	43	>TSHR-A428\LLVLLGNVFV	48	5
>TSHR-A428\LLALLGNV	13	>TSHR-A428\LLVLLGNV	32	19
>TSHR-A428\LLALLGNVFV	7	>TSHR-A428\LLVLLGNVFV	12	5
>TSHR-A428\LLALLGNVFV	35	>TSHR-A428\LLVLLGNVFV	109	74
>TSHR-A428\LLALLGNV	18	>TSHR-A428\LLVLLGNV	220	202
>TSHR-A428\LLALLGNVFV	6	>TSHR-A428\LLVLLGNVFV	31	25
>TSHR-A428\LLALLGNVFV	48	>TSHR-A428\LLVLLGNVFV	192	144
>TSHR-A428\LLALLGNV	3	>TSHR-A428\LLVLLGNV	5	2
>TSHR-A428\LLALLGNVFV	3	>TSHR-A428\LLVLLGNVFV	4	1
>TSHR-A428\LLALLGNVFV	9	>TSHR-A428\LLVLLGNVFV	15	6
>TSHR-A428\LLALLGNVF	56	>TSHR-A428\LLVLLGNVF	69	13
>TSHR-A428\LLALLGNVF	489	>TSHR-A428\LLVLLGNVF	890	401
>TSHR-A428\LLALLGNVF	84	>TSHR-A428\LLVLLGNVF	75	9
>TSHR-A428\LLALLGNVF	275	>TSHR-A428\LLVLLGNVF	259	16
>TSHR-A428\LLALLGNV	17	>TSHR-A428\LLVLLGNV	54	37
>TSHR-A428\LLALLGNVF\	10	>TSHR-A428\LLVLLGNVF\	17	7
>TSHR-A428\LLALLGNV	29	>TSHR-A428\LLVLLGNV	130	101
>TSHR-A428\LLALLGNVF\	10	>TSHR-A428\LLVLLGNVF\	27	17
>TSHR-A428\LLALLGNV	9	>TSHR-A428\LLVLLGNV	41	32
>TSHR-A428\LLALLGNVF\	23	>TSHR-A428\LLVLLGNVF\	85	62
>TSHR-A428\LLALLGNV	20	>TSHR-A428\LLVLLGNV	67	47
>TSHR-A428\LLALLGNVF\	10	>TSHR-A428\LLVLLGNVF\	21	11
>TSHR-A428\LLALLGNV	2	>TSHR-A428\LLVLLGNV	4	2
>TSHR-A428\LLALLGNVF\	2	>TSHR-A428\LLVLLGNVF\	2	0
>TSHR-A428\LLALLGNV	9	>TSHR-A428\LLVLLGNV	15	6

>TSHR-A428\SLLALLGNVF\	5	>TSHR-A428\SLLVLLGNVF\	6	1
>TSHR-A428\SLLALLGNV	5	>TSHR-A428\SLLVLLGNV	6	1
>TSHR-A428\SLLALLGNVF\	4	>TSHR-A428\SLLVLLGNVF\	4	0
>TSHR-A428\SLLALLGNV	13	>TSHR-A428\SLLVLLGNV	20	7
>TSHR-A428\SLLALLGNVF\	4	>TSHR-A428\SLLVLLGNVF\	5	1
>TSHR-A428\SLLALLGNV	2	>TSHR-A428\SLLVLLGNV	4	2
>TSHR-A428\SLLALLGNVF\	2	>TSHR-A428\SLLVLLGNVF\	3	1
>TSHR-A428\SLLALLGNVF\	495	>TSHR-A428\SLLVLLGNVF\	1242	747
>TSHR-A428\SLLALLGNV	33	>TSHR-A428\SLLVLLGNV	100	67
>TSHR-A428\SLLALLGNVF\	23	>TSHR-A428\SLLVLLGNVF\	52	29
>TSHR-A428\SLLALLGNVF	116	>TSHR-A428\SLLVLLGNVF	216	100
>TSHR-A428\SLLALLGNVF	123	>TSHR-A428\SLLVLLGNVF	259	136
>TSHR-A428\SLLALLGNVF	127	>TSHR-A428\SLLVLLGNVF	153	26
>TSHR-A428\VSLALLGNV	381	>TSHR-A428\VSLVLLGNV	434	53
>TSHR-A428\VSLALLGNV\	71	>TSHR-A428\VSLVLLGNV\	106	35
>TSHR-A428\VSLALLGNV	463	>TSHR-A428\VSLVLLGNV	1285	822
>TSHR-A428\VSLALLGNV\	7	>TSHR-A428\VSLVLLGNV\	12	5
>TSHR-A428\VSLALLGNV\	172	>TSHR-A428\VSLVLLGNV\	82	90
>TSHR-A428\VSLALLGNV\	45	>TSHR-A428\VSLVLLGNV\	27	18
>TSHR-A428\FVSLALL	186	>TSHR-A428\FVSLVLL	101	85
>TSHR-A428\FVSLALLGN\	233	>TSHR-A428\FVSLVLLGN\	148	85
>TSHR-A428\FVSLALL	10	>TSHR-A428\FVSLVLL	11	1
>TSHR-A428\FVSLALLGN\	21	>TSHR-A428\FVSLVLLGN\	21	0
>TSHR-A428\FVSLALL	54	>TSHR-A428\FVSLVLL	76	22
>TSHR-A428\FVSLALLGN\	14	>TSHR-A428\FVSLVLLGN\	10	4
>TSHR-A428\FVSLALL	41	>TSHR-A428\FVSLVLL	55	14
>TSHR-A428\FVSLALLGN\	22	>TSHR-A428\FVSLVLLGN\	24	2
>TSHR-A428\FVSLALLGN\	257	>TSHR-A428\FVSLVLLGN\	148	109
>TSHR-A428\FVSLALLGN\	179	>TSHR-A428\FVSLVLLGN\	111	68
>TSHR-A428\FVSLALLGN\	567	>TSHR-A428\FVSLVLLGN\	274	293
>TSHR-A428\FVSLALL	108	>TSHR-A428\FVSLVLL	85	23
>TSHR-A428\FVSLALLGN\	26	>TSHR-A428\FVSLVLLGN\	23	3
>TSHR-A428\FVSLALL	65	>TSHR-A428\FVSLVLL	61	4
>TSHR-A428\FVSLALLGN\	19	>TSHR-A428\FVSLVLLGN\	19	0
>TSHR-A428\FVSLALLGN\	76	>TSHR-A428\FVSLVLLGN\	106	30
>TSHR-A428\WVFSLLAL	467	>TSHR-A428\WVFSLLVL	1235	768
>TSHR-A428\WVFSLLALL	74	>TSHR-A428\WVFSLLVLL	128	54
>TSHR-A428\WVFSLLAL	238	>TSHR-A428\WVFSLLVL	207	31
>TSHR-A428\WVFSLLALL	126	>TSHR-A428\WVFSLLVLL	99	27
>TSHR-A428\WVFSLLAL	87	>TSHR-A428\WVFSLLVL	59	28
>TSHR-A428\WVFSLLALL	126	>TSHR-A428\WVFSLLVLL	53	73
>TSHR-A428\WVFSLLALL	167	>TSHR-A428\WVFSLLVLL	536	369
>TSHR-A428\WVFSLLAL	47	>TSHR-A428\WVFSLLVL	168	121

>TSHR-A428\VWFVSLLA	2856	>TSHR-A428\VWFVSLLV	487	2369
>TSHR-A428\VWFVSLLAL	299	>TSHR-A428\VWFVSLLVL	183	116
>TSHR-A428\VWFVSLLALL	164	>TSHR-A428\VWFVSLLVLL	151	13
>TSHR-A428\VWFVSLLALL	119	>TSHR-A428\VWFVSLLVLL	121	2
>TSHR-A428\VWFVSLLAL	320	>TSHR-A428\VWFVSLLVL	237	83
>TSHR-A428\VWFVSLLALL	411	>TSHR-A428\VWFVSLLVLL	211	200
>TSHR-A428\VWFVSLLAL	435	>TSHR-A428\VWFVSLLVL	644	209
>TSHR-A428\VWFVSLLA	143	>TSHR-A428\VWFVSLLV	125	18
>TSHR-A428\VWFVSLLAL	33	>TSHR-A428\VWFVSLLVL	86	53
>TSHR-A428\VWFVSLLALL	120	>TSHR-A428\VWFVSLLVLL	98	22
>TSHR-A428\VWFVSLLALL	264	>TSHR-A428\VWFVSLLVLL	265	1
>TSHR-A428\VVWFVSLLAL	328	>TSHR-A428\VVWFVSLLVL	487	159
>TSHR-A428\VVWFVSLLA	294	>TSHR-A428\VVWFVSLLV	32	262
>TSHR-A428\VVWFVSLLAL	79	>TSHR-A428\VVWFVSLLVL	80	1
>TSHR-A428\VVWFVSLLA	3028	>TSHR-A428\VVWFVSLLV	392	2636
>TSHR-A428\VVWFVSLLAL	287	>TSHR-A428\VVWFVSLLVL	412	125
>TSHR-A428\VVWFVSLLA	2185	>TSHR-A428\VVWFVSLLV	417	1768
>TSHR-A428\VVWFVSLLA	944	>TSHR-A428\VVWFVSLLV	64	880
>TSHR-A428\VVWFVSLLAL	371	>TSHR-A428\VVWFVSLLVL	1040	669
>TSHR-A428\VVWFVSLLAL	201	>TSHR-A428\VVWFVSLLVL	247	46
>TSHR-A428\VVWFVSLLA	351	>TSHR-A428\VVWFVSLLV	6	345
>TSHR-A428\VVWFVSLLAL	60	>TSHR-A428\VVWFVSLLVL	128	68
>TSHR-A428\VVWFVSLLAL	51	>TSHR-A428\VVWFVSLLVL	60	9
>TSHR-A428\VVWFVSLLA	11590	>TSHR-A428\VVWFVSLLV	344	11246
>TSHR-A428\VVWFVSLLA	516	>TSHR-A428\VVWFVSLLV	14	502
>TSHR-A428\VVWFVSLLAL	314	>TSHR-A428\VVWFVSLLVL	301	13
>TSHR-A428\VVWFVSLLAL	174	>TSHR-A428\VVWFVSLLVL	111	63
>TSHR-A428\VVWFVSLLA	3546	>TSHR-A428\VVWFVSLLV	29	3517
>TSHR-A428\VVWFVSLLAL	232	>TSHR-A428\VVWFVSLLVL	498	266
>TSHR-A428\VVWFVSLLA	3886	>TSHR-A428\VVWFVSLLV	23	3863
>TSHR-A428\VVWFVSLLAL	219	>TSHR-A428\VVWFVSLLVL	269	50
>TSHR-A428\VVWFVSLLA	712	>TSHR-A428\VVWFVSLLV	292	420
>TSHR-A428\VVWFVSLLAL	126	>TSHR-A428\VVWFVSLLVL	313	187
>TSHR-A428\VVWFVSLLAL	479	>TSHR-A428\VVWFVSLLVL	161	318
>TSHR-A428\VVWFVSLLA	874	>TSHR-A428\VVWFVSLLV	70	804
>TSHR-A428\VVWFVSLLAL	318	>TSHR-A428\VVWFVSLLVL	368	50
>TSHR-A428\VVWFVSLLA	2164	>TSHR-A428\VVWFVSLLV	74	2090
>TSHR-A428\VVWFVSLLAL	458	>TSHR-A428\VVWFVSLLVL	576	118
>TSHR-A428\VVWFVSLLAL	147	>TSHR-A428\VVWFVSLLVL	313	166
>TSHR-A428\VVWFVSLLAL	396	>TSHR-A428\VVWFVSLLVL	195	201
>TSHR-A428\IVVWFVSLLA	79	>TSHR-A428\IVVWFVSLLV	235	156
>TSHR-A428\IVVWFVSLLA	762	>TSHR-A428\IVVWFVSLLV	147	615
>TSHR-A428\IVVWFVSLLA	397	>TSHR-A428\IVVWFVSLLV	882	485

>TSHR-A428\IVVWFVSLLA	463	>TSHR-A428\IVVWFVSLLV	131	332
>TSHR-A428\IVVWFVSLLA	287	>TSHR-A428\IVVWFVSLLV	752	465
>TSHR-A428\IVVWFVSLLA	374	>TSHR-A428\IVVWFVSLLV	86	288
>TSHR-A428\IVVWFVSLLA	162	>TSHR-A428\IVVWFVSLLV	417	255
>TSHR-A428\IVVWFVSLLA	197	>TSHR-A428\IVVWFVSLLV	64	133
>TSHR-A428\IVVWFVSLLA	30	>TSHR-A428\IVVWFVSLLV	90	60
>TSHR-A428\IVVWFVSLLA	666	>TSHR-A428\IVVWFVSLLV	13	653
>TSHR-A428\IVVWFVSLLA	119	>TSHR-A428\IVVWFVSLLV	228	109
>TSHR-A428\IVVWFVSLLA	5702	>TSHR-A428\IVVWFVSLLV	116	5586
>TSHR-A428\IVVWFVSLLA	1178	>TSHR-A428\IVVWFVSLLV	13	1165
>TSHR-A428\IVVWFVSLLA	194	>TSHR-A428\IVVWFVSLLV	207	13
>TSHR-A428\IVVWFVSLLA	277	>TSHR-A428\IVVWFVSLLV	519	242
>TSHR-A428\IVVWFVSLLA	491	>TSHR-A428\IVVWFVSLLV	170	321
>TSHR-A428\IVVWFVSLLA	1836	>TSHR-A428\IVVWFVSLLV	51	1785
>TSHR-A428\IVVWFVSLLA	163	>TSHR-A428\IVVWFVSLLV	207	44
>TSHR-A428\IVVWFVSLLA	607	>TSHR-A428\IVVWFVSLLV	197	410
>TSHR-A428\IVVWFVSLLA	12584	>TSHR-A428\IVVWFVSLLV	398	12186
>TSHR-A593\AFVIVCCCHV	2165	>TSHR-A593\NFVIVCCCHV	196	1969
>TSHR-A593\AFVIVCCCHV	358	>TSHR-A593\NFVIVCCCHV	1129	771
>TSHR-A593\VAFVIVCCCH	159	>TSHR-A593\VNFVIVCCCH	240	81
>TSHR-A593\VAFVIVCCCH	113	>TSHR-A593\VNFVIVCCCH	6888	6775
>TSHR-A593\VAFVIVCCCH	158	>TSHR-A593\VNFVIVCCCH	3538	3380
>TSHR-A593\VAFVIVCCCH	97	>TSHR-A593\VNFVIVCCCH	1911	1814
>TSHR-A593\VAFVIVCCCH	59	>TSHR-A593\VNFVIVCCCH	6708	6649
>TSHR-A593\VAFVIVCCCH	208	>TSHR-A593\VNFVIVCCCH	1933	1725
>TSHR-A593\NIVAFVIV	192	>TSHR-A593\NIVNFVIV	428	236
>TSHR-A593\NIVAFVIV	71	>TSHR-A593\NIVNFVIV	84	13
>TSHR-A593\NIVAFVIV	26	>TSHR-A593\NIVNFVIV	35	9
>TSHR-A593\NIVAFVIV	266	>TSHR-A593\NIVNFVIV	186	80
>TSHR-A593\NIVAFVIV	945	>TSHR-A593\NIVNFVIV	364	581
>TSHR-A593\NIVAFVIV	100	>TSHR-A593\NIVNFVIV	101	1
>TSHR-A593\NIVAFVIV	33	>TSHR-A593\NIVNFVIV	56	23
>TSHR-A593\NIVAFVIV	32	>TSHR-A593\NIVNFVIV	54	22
>TSHR-A593\LNIVAFVIV	27770	>TSHR-A593\LNIVNFVIV	168	27602
>TSHR-A593\LNIVAFVI	168	>TSHR-A593\LNIVNFVI	1238	1070
>TSHR-A593\LNIVAFVI	341	>TSHR-A593\LNIVNFVI	679	338
>TSHR-A593\TLNIVAFV	36	>TSHR-A593\TLNIVNFV	42	6
>TSHR-A593\TLNIVAFVI	490	>TSHR-A593\TLNIVNFVI	215	275
>TSHR-A593\TLNIVAFVIV	383	>TSHR-A593\TLNIVNFVIV	520	137
>TSHR-A593\TLNIVAFV	6	>TSHR-A593\TLNIVNFV	4	2
>TSHR-A593\TLNIVAFVI	126	>TSHR-A593\TLNIVNFVI	53	73
>TSHR-A593\TLNIVAFVIV	305	>TSHR-A593\TLNIVNFVIV	333	28
>TSHR-A593\TLNIVAFV	7	>TSHR-A593\TLNIVNFV	7	0

>TSHR-A593I TLNIVAFVI	156	>TSHR-A593I TLNIVNFVI	214	58
>TSHR-A593I TLNIVAFVIV	109	>TSHR-A593I TLNIVNFVIV	111	2
>TSHR-A593I TLNIVAFV	146	>TSHR-A593I TLNIVNFV	170	24
>TSHR-A593I TLNIVAFVIV	424	>TSHR-A593I TLNIVNFVIV	649	225
>TSHR-A593I TLNIVAFV	3	>TSHR-A593I TLNIVNFV	3	0
>TSHR-A593I TLNIVAFVI	15	>TSHR-A593I TLNIVNFVI	18	3
>TSHR-A593I TLNIVAFVIV	14	>TSHR-A593I TLNIVNFVIV	11	3
>TSHR-A593I TLNIVAFVIVC	142	>TSHR-A593I TLNIVNFVIVC	153	11
>TSHR-A593I TLNIVAFV	10	>TSHR-A593I TLNIVNFV	13	3
>TSHR-A593I TLNIVAFVI	121	>TSHR-A593I TLNIVNFVI	150	29
>TSHR-A593I TLNIVAFVIV	27	>TSHR-A593I TLNIVNFVIV	20	7
>TSHR-A593I TLNIVAFV	6	>TSHR-A593I TLNIVNFV	7	1
>TSHR-A593I TLNIVAFVI	33	>TSHR-A593I TLNIVNFVI	56	23
>TSHR-A593I TLNIVAFVIV	11	>TSHR-A593I TLNIVNFVIV	15	4
>TSHR-A593I TLNIVAFV	6	>TSHR-A593I TLNIVNFV	10	4
>TSHR-A593I TLNIVAFVI	335	>TSHR-A593I TLNIVNFVI	455	120
>TSHR-A593I TLNIVAFVIV	43	>TSHR-A593I TLNIVNFVIV	42	1
>TSHR-A593I TLNIVAFV	3	>TSHR-A593I TLNIVNFV	4	1
>TSHR-A593I TLNIVAFVI	102	>TSHR-A593I TLNIVNFVI	133	31
>TSHR-A593I TLNIVAFVIV	6	>TSHR-A593I TLNIVNFVIV	5	1
>TSHR-A593I TLNIVAFVI	352	>TSHR-A593I TLNIVNFVI	384	32
>TSHR-A593I TLNIVAFV	43	>TSHR-A593I TLNIVNFV	42	1
>TSHR-A593I TLNIVAFVI	502	>TSHR-A593I TLNIVNFVI	313	189
>TSHR-A593I TLNIVAFV	84	>TSHR-A593I TLNIVNFV	183	99
>TSHR-A593I TLNIVAFVIV	455	>TSHR-A593I TLNIVNFVIV	634	179
>TSHR-A593I LTLNIVAFV	661	>TSHR-A593I LTLNIVNFV	321	340
>TSHR-A593I LTLNIVAFV	24	>TSHR-A593I LTLNIVNFV	44	20
>TSHR-A593I LTLNIVAFVI	506	>TSHR-A593I LTLNIVNFVI	267	239
>TSHR-A593I LTLNIVAFVIV	168	>TSHR-A593I LTLNIVNFVIV	285	117
>TSHR-A593I LTLNIVAFV	26	>TSHR-A593I LTLNIVNFV	21	5
>TSHR-A593I LTLNIVAFVI	309	>TSHR-A593I LTLNIVNFVI	224	85
>TSHR-A593I LTLNIVAFVIV	399	>TSHR-A593I LTLNIVNFVIV	431	32
>TSHR-A593I LTLNIVAFV	35	>TSHR-A593I LTLNIVNFV	77	42
>TSHR-A593I LTLNIVAFVIV	355	>TSHR-A593I LTLNIVNFVIV	492	137
>TSHR-A593I LTLNIVAFV	6	>TSHR-A593I LTLNIVNFV	7	1
>TSHR-A593I LTLNIVAFVI	174	>TSHR-A593I LTLNIVNFVI	121	53
>TSHR-A593I LTLNIVAFVIV	19	>TSHR-A593I LTLNIVNFVIV	27	8
>TSHR-A593I LTLNIVAFV	3	>TSHR-A593I LTLNIVNFV	6	3
>TSHR-A593I LTLNIVAFVI	38	>TSHR-A593I LTLNIVNFVI	70	32
>TSHR-A593I LTLNIVAFVIV	36	>TSHR-A593I LTLNIVNFVIV	36	0
>TSHR-A593I LTLNIVAFV	11	>TSHR-A593I LTLNIVNFV	25	14
>TSHR-A593I LTLNIVAFVI	497	>TSHR-A593I LTLNIVNFVI	703	206
>TSHR-A593I LTLNIVAFVIV	88	>TSHR-A593I LTLNIVNFVIV	67	21

>TSHR-A593I LTLNIVAFV	8	>TSHR-A593I LTLNIVNFV	13	5
>TSHR-A593I LTLNIVAFVI	302	>TSHR-A593I LTLNIVNFVI	471	169
>TSHR-A593I LTLNIVAFVIV	40	>TSHR-A593I LTLNIVNFVIV	65	25
>TSHR-A593I LTLNIVAFV	5	>TSHR-A593I LTLNIVNFV	15	10
>TSHR-A593I LTLNIVAFVI	308	>TSHR-A593I LTLNIVNFVI	622	314
>TSHR-A593I LTLNIVAFVIV	102	>TSHR-A593I LTLNIVNFVIV	163	61
>TSHR-A593I LTLNIVAFV	11	>TSHR-A593I LTLNIVNFV	38	27
>TSHR-A593I LTLNIVAFVIV	53	>TSHR-A593I LTLNIVNFVIV	76	23
>TSHR-A593I LTLNIVAF	1116	>TSHR-A593I LTLNIVNF	407	709
>TSHR-A593I LTLNIVAF	103	>TSHR-A593I LTLNIVNF	93	10
>TSHR-A593I LTLNIVAF	227	>TSHR-A593I LTLNIVNF	422	195
>TSHR-A593I LTLNIVAFV	311	>TSHR-A593I LTLNIVNFV	536	225
>TSHR-A593I LTLNIVAF	18	>TSHR-A593I LTLNIVNF	34	16
>TSHR-A593I LTLNIVAFVI	64	>TSHR-A593I LTLNIVNFVI	68	4
>TSHR-A593I LTLNIVAFV	11	>TSHR-A593I LTLNIVNFV	14	3
>TSHR-A593I LTLNIVAFVI	161	>TSHR-A593I LTLNIVNFVI	204	43
>TSHR-A593I LTLNIVAFVIV	78	>TSHR-A593I LTLNIVNFVIV	97	19
>TSHR-A593I LTLNIVAFV	9	>TSHR-A593I LTLNIVNFV	15	6
>TSHR-A593I LTLNIVAFVI	78	>TSHR-A593I LTLNIVNFVI	117	39
>TSHR-A593I LTLNIVAFVIV	35	>TSHR-A593I LTLNIVNFVIV	52	17
>TSHR-A593I LTLNIVAF	131	>TSHR-A593I LTLNIVNF	953	822
>TSHR-A593I LTLNIVAF	17	>TSHR-A593I LTLNIVNF	33	16
>TSHR-A593I LTLNIVAF	5	>TSHR-A593I LTLNIVNF	6	1
>TSHR-A593I LTLNIVAFV	482	>TSHR-A593I LTLNIVNFV	5067	4585
>TSHR-A593I LTLNIVAFVI	59	>TSHR-A593I LTLNIVNFVI	315	256
>TSHR-A593I LTLNIVAF	388	>TSHR-A593I LTLNIVNF	3937	3549
>TSHR-A593I LTLNIVAF	274	>TSHR-A593I LTLNIVNF	205	69
>TSHR-A593I LTLNIVAFVI	80	>TSHR-A593I LTLNIVNFVI	153	73
>TSHR-A593I LTLNIVAFV	270	>TSHR-A593I LTLNIVNFV	566	296
>TSHR-A593I LTLNIVAF	114	>TSHR-A593I LTLNIVNF	195	81
>TSHR-A593I LTLNIVAFV	50	>TSHR-A593I LTLNIVNFV	47	3
>TSHR-A593I LTLNIVAFVIV	86	>TSHR-A593I LTLNIVNFVIV	122	36
>TSHR-A593I LTLNIVAFVI	292	>TSHR-A593I LTLNIVNFVI	170	122
>TSHR-A593I VLTLNIVAFV	72	>TSHR-A593I VLTLNIVNFV	122	50
>TSHR-A593I VLTLNIVAFVI	603	>TSHR-A593I VLTLNIVNFVI	426	177
>TSHR-A593I VLTLNIVAFV	101	>TSHR-A593I VLTLNIVNFV	136	35
>TSHR-A593I VLTLNIVAFVI	388	>TSHR-A593I VLTLNIVNFVI	263	125
>TSHR-A593I VLTLNIVAFV	57	>TSHR-A593I VLTLNIVNFV	88	31
>TSHR-A593I VLTLNIVA	316	>TSHR-A593I VLTLNIVN	12542	12226
>TSHR-A593I VLTLNIVAFV	3	>TSHR-A593I VLTLNIVNFV	4	1
>TSHR-A593I VLTLNIVAFVI	20	>TSHR-A593I VLTLNIVNFVI	25	5
>TSHR-A593I VLTLNIVAFV	4	>TSHR-A593I VLTLNIVNFV	5	1
>TSHR-A593I VLTLNIVAFVI	31	>TSHR-A593I VLTLNIVNFVI	39	8



>TSHR-A593I VLTLNIVA	395	>TSHR-A593I VLTLNIVN	19205	18810
>TSHR-A593I VLTLNIVAFV	5	>TSHR-A593I VLTLNIVNFV	6	1
>TSHR-A593I VLTLNIVAFVI	42	>TSHR-A593I VLTLNIVNFVI	46	4
>TSHR-A593I VLTLNIVAFV	3	>TSHR-A593I VLTLNIVNFV	4	1
>TSHR-A593I VLTLNIVAFVI	74	>TSHR-A593I VLTLNIVNFVI	76	2
>TSHR-A593I VLTLNIVA	25	>TSHR-A593I VLTLNIVN	12496	12471
>TSHR-A593I VLTLNIVAFV	2	>TSHR-A593I VLTLNIVNFV	2	0
>TSHR-A593I VLTLNIVAFVI	12	>TSHR-A593I VLTLNIVNFVI	13	1
>TSHR-A593I VLTLNIVAF	88	>TSHR-A593I VLTLNIVNF	247	159
>TSHR-A593I FVLTNIVA	176	>TSHR-A593I FVLTNIVN	18053	17877
>TSHR-A593I FVLTNIVAFV	9	>TSHR-A593I FVLTNIVNFV	11	2
>TSHR-A593I FVLTNIVAFV	13	>TSHR-A593I FVLTNIVNFV	12	1
>TSHR-A593I FVLTNIVAFV	23	>TSHR-A593I FVLTNIVNFV	31	8
>TSHR-A593I FVLTNIVA	43	>TSHR-A593I FVLTNIVN	11183	11140
>TSHR-A593I FVLTNIVAFV	4	>TSHR-A593I FVLTNIVNFV	4	0
>TSHR-A593I FVLTNIVAFV	4	>TSHR-A593I FVLTNIVNFV	5	1
>TSHR-A593I FVLTNIVAFV	7	>TSHR-A593I FVLTNIVNFV	9	2
>TSHR-A593I FVLTNIVAFV	7	>TSHR-A593I FVLTNIVNFV	8	1
>TSHR-A593I FVLTNIVAFV	4	>TSHR-A593I FVLTNIVNFV	6	2
>TSHR-A593I FVLTNIVAFV	4	>TSHR-A593I FVLTNIVNFV	5	1
>TSHR-A593I FVLTNIVAF	146	>TSHR-A593I FVLTNIVNF	143	3
>TSHR-A593I FVLTNIVAF	178	>TSHR-A593I FVLTNIVNF	289	111
>TSHR-A593I FVLTNIVAF	157	>TSHR-A593I FVLTNIVNF	494	337
>TSHR-A593I FVLTNIVAFV	12	>TSHR-A593I FVLTNIVNFV	14	2
>TSHR-A593I FVLTNIVAFV	5	>TSHR-A593I FVLTNIVNFV	7	2
>TSHR-A593I FVLTNIVAF	373	>TSHR-A593I FVLTNIVNF	1935	1562
>TSHR-A593I FVLTNIVAF	21	>TSHR-A593I FVLTNIVNF	44	23
>TSHR-A593I FVLTNIVAF	425	>TSHR-A593I FVLTNIVNF	290	135
>TSHR-A593I FVLTNIVA	339	>TSHR-A593I FVLTNIVN	13444	13105
>TSHR-A593I VFVLTNIVAF	36	>TSHR-A593I VFVLTNIVNF	23	13
>TSHR-A593I VFVLTNIVAF	832	>TSHR-A593I VFVLTNIVNF	491	341
>TSHR-A593I VFVLTNIVAF	73	>TSHR-A593I VFVLTNIVNF	70	3
>TSHR-A623I AKRMAVLI	1858	>TSHR-A623I FKRMAVLI	180	1678
>TSHR-A623I AKRMAVLI	356	>TSHR-A623I FKRMAVLI	8117	7761
>TSHR-A623I AKRMAVLI	41	>TSHR-A623I FKRMAVLI	21	20
>TSHR-A623I AKRMAVLIF	3	>TSHR-A623I FKRMAVLIF	2	1
>TSHR-A623I AKRMAVLI	260	>TSHR-A623I FKRMAVLI	192	68
>TSHR-A623I IAKRMAVLI	11939	>TSHR-A623I IFKRMAVLI	371	11568
>TSHR-A623I IAKRMAVLIF	7949	>TSHR-A623I IFKRMAVLIF	207	7742
>TSHR-A623I IAKRMAVLI	2809	>TSHR-A623I IFKRMAVLI	124	2685
>TSHR-A623I IAKRMAVLIF	5365	>TSHR-A623I IFKRMAVLIF	194	5171
>TSHR-A623I IAKRMAVLIF	12421	>TSHR-A623I IFKRMAVLIF	92	12329
>TSHR-A623I IAKRMAVLIF	4547	>TSHR-A623I IFKRMAVLIF	465	4082

>TSHR-A623FIAKRMAVLI	156	>TSHR-A623IFKRMVLI	201	45
>TSHR-A623FIAKRMAVL	326	>TSHR-A623IFKRMVAVL	1266	940
>TSHR-A623FIAKRMAVLIF	326	>TSHR-A623IFKRMVAVLIF	1474	1148
>TSHR-A623FIAKRMAVLIF	21	>TSHR-A623IFKRMVAVLIF	273	252
>TSHR-A623FIAKRMAVL	151	>TSHR-A623IFKRMVAVL	23727	23576
>TSHR-A623FIAKRMAVLIF	37	>TSHR-A623IFKRMVAVLIF	21451	21414
>TSHR-A623FIAKRMAVLIF	308	>TSHR-A623IFKRMVAVLIF	22329	22021
>TSHR-A623FIAKRMAVLIF	214	>TSHR-A623IFKRMVAVLIF	10045	9831
>TSHR-A623FKIAKRMAVL	2202	>TSHR-A623FKIFKRMVAVL	137	2065
>TSHR-A623FKIAKRMAV	230	>TSHR-A623FKIFKRMVAV	58	172
>TSHR-A623FKIAKRMAVL	1022	>TSHR-A623FKIFKRMVAVL	211	811
>TSHR-A623FKIAKRMAV	79	>TSHR-A623FKIFKRMVAV	52	27
>TSHR-A623FKIAKRMAVL	67	>TSHR-A623FKIFKRMVAVL	89	22
>TSHR-A623FKIAKRMAV	14	>TSHR-A623FKIFKRMVAV	16	2
>TSHR-A623FKIAKRMAVL	85	>TSHR-A623FKIFKRMVAVL	100	15
>TSHR-A623FKIAKRMAVLI	1401	>TSHR-A623FKIFKRMVAVLI	438	963
>TSHR-A623FKIAKRMAV	37	>TSHR-A623FKIFKRMVAV	19	18
>TSHR-A623FKIAKRMAVL	291	>TSHR-A623FKIFKRMVAVL	111	180
>TSHR-A623FKIAKRMAV	195	>TSHR-A623FKIFKRMVAV	20	175
>TSHR-A623FKIAKRMAVL	2976	>TSHR-A623FKIFKRMVAVL	375	2601
>TSHR-A623FKIAKRMAVLI	2743	>TSHR-A623FKIFKRMVAVLI	349	2394
>TSHR-A623FKIAKRMAV	680	>TSHR-A623FKIFKRMVAV	191	489
>TSHR-A623FKIAKRMAV	201	>TSHR-A623FKIFKRMVAV	59	142
>TSHR-A623FKIAKRMAV	29	>TSHR-A623FKIFKRMVAV	19	10
>TSHR-A623FKIAKRMAVL	1098	>TSHR-A623FKIFKRMVAVL	417	681
>TSHR-A623FKIAKRMAV	493	>TSHR-A623FKIFKRMVAV	39	454
>TSHR-A623FKIAKRMAVL	1758	>TSHR-A623FKIFKRMVAVL	129	1629
>TSHR-A623FKIAKRMAVLI	643	>TSHR-A623FKIFKRMVAVLI	47	596
>TSHR-A623FKIAKRMAV	1461	>TSHR-A623FKIFKRMVAV	114	1347
>TSHR-A623FKIAKRMAVL	1507	>TSHR-A623FKIFKRMVAVL	55	1452
>TSHR-A623FKIAKRMAVLI	101	>TSHR-A623FKIFKRMVAVLI	10	91
>TSHR-A623FKIAKRMAVLI	154	>TSHR-A623FKIFKRMVAVLIF	14	140
>TSHR-A623FKIAKRMAVL	145	>TSHR-A623FKIFKRMVAVL	2663	2518
>TSHR-A623FKIAKRMAV	577	>TSHR-A623FKIFKRMVAV	484	93
>TSHR-A623FKIAKRMAVL	216	>TSHR-A623FKIFKRMVAVL	180	36
>TSHR-A623FKIAKRMAVLI	166	>TSHR-A623FKIFKRMVAVLIF	83	83
>TSHR-A623FKIAKRMAVLI	110	>TSHR-A623FKIFKRMVAVLIF	13	97
>TSHR-A623FKIAKRMAVL	445	>TSHR-A623FKIFKRMVAVL	60	385
>TSHR-A623FKIAKRMAVLI	148	>TSHR-A623FKIFKRMVAVLIF	36	112
>TSHR-A623FKIAKRMAVLI	88	>TSHR-A623FKIFKRMVAVLIF	108	20
>TSHR-A623FKIAKRMAVL	1770	>TSHR-A623FKIFKRMVAVL	305	1465
>TSHR-A623FKIAKRMAVLI	557	>TSHR-A623FKIFKRMVAVLIF	106	451
>TSHR-A623FTKIAKRMAV	645	>TSHR-A623FTKIFKRMVAV	479	166

>TSHR-A623fTKIAKRMAV	171	>TSHR-A623fTKIFKRMAV	299	128
>TSHR-A623fTKIAKRMAVL	193	>TSHR-A623fTKIFKRMAVL	341	148
>TSHR-A623fTKIAKRMAV	285	>TSHR-A623fTKIFKRMAV	3178	2893
>TSHR-A623fTKIAKRMAVL	21	>TSHR-A623fTKIFKRMAVL	110	89
>TSHR-A623fDTKIAKRMAV	92	>TSHR-A623fDTKIFKRMAV	50	42
>TSHR-A623fKDTKIAKRMAV	470	>TSHR-A623fKDTKIFKRMAV	473	3
>TSHR-A623fKDTKIAKRMAV	302	>TSHR-A623fKDTKIFKRMAV	99	203
>TSHR-A623fKDTKIAKRMAV	414	>TSHR-A623fKDTKIFKRMAV	677	263
>TSHR-A623fAKRMAVLI	356	>TSHR-A623fIKRMAVLI	1317	961
>TSHR-A623fAKRMAVLI	41	>TSHR-A623fIKRMAVLI	27	14
>TSHR-A623fAKRMAVLIF	3	>TSHR-A623fIKRMAVLIF	2	1
>TSHR-A623fAKRMAVLI	260	>TSHR-A623fIKRMAVLI	1381	1121
>TSHR-A623fIAKRMAVLI	156	>TSHR-A623fIIKRMAVLI	142	14
>TSHR-A623fIAKRMAVL	326	>TSHR-A623fIIKRMAVL	203	123
>TSHR-A623fIAKRMAVLIF	326	>TSHR-A623fIIKRMAVLIF	197	129
>TSHR-A623fIAKRMAVLIF	21	>TSHR-A623fIIKRMAVLIF	65	44
>TSHR-A623fIAKRMAVL	151	>TSHR-A623fIIKRMAVL	5095	4944
>TSHR-A623fIAKRMAVLIF	37	>TSHR-A623fIIKRMAVLIF	1625	1588
>TSHR-A623fIAKRMAVLIF	308	>TSHR-A623fIIKRMAVLIF	7385	7077
>TSHR-A623fIAKRMAVLIF	214	>TSHR-A623fIIKRMAVLIF	2428	2214
>TSHR-A623fKIAKRMAV	230	>TSHR-A623fKIIKRMAV	164	66
>TSHR-A623fKIAKRMAV	79	>TSHR-A623fKIIKRMAV	263	184
>TSHR-A623fKIAKRMAVL	67	>TSHR-A623fKIIKRMAVL	312	245
>TSHR-A623fKIAKRMAV	14	>TSHR-A623fKIIKRMAV	17	3
>TSHR-A623fKIAKRMAVL	85	>TSHR-A623fKIIKRMAVL	115	30
>TSHR-A623fKIAKRMAV	37	>TSHR-A623fKIIKRMAV	20	17
>TSHR-A623fKIAKRMAVL	291	>TSHR-A623fKIIKRMAVL	126	165
>TSHR-A623fKIAKRMAV	195	>TSHR-A623fKIIKRMAV	162	33
>TSHR-A623fKIAKRMAV	680	>TSHR-A623fKIIKRMAV	257	423
>TSHR-A623fKIAKRMAV	201	>TSHR-A623fKIIKRMAV	767	566
>TSHR-A623fKIAKRMAV	29	>TSHR-A623fKIIKRMAV	52	23
>TSHR-A623fKIAKRMAVL	1789	>TSHR-A623fKIIKRMAVL	109	1680
>TSHR-A623fKIAKRMAVLII	1385	>TSHR-A623fKIIKRMAVLIF	121	1264
>TSHR-A623fKIAKRMAV	493	>TSHR-A623fKIIKRMAV	272	221
>TSHR-A623fKIAKRMAVLI	643	>TSHR-A623fKIIKRMAVLI	353	290
>TSHR-A623fKIAKRMAVLI	101	>TSHR-A623fKIIKRMAVLI	55	46
>TSHR-A623fKIAKRMAVLII	154	>TSHR-A623fKIIKRMAVLIF	77	77
>TSHR-A623fKIAKRMAVL	145	>TSHR-A623fKIIKRMAVL	990	845
>TSHR-A623fKIAKRMAV	577	>TSHR-A623fKIIKRMAV	464	113
>TSHR-A623fKIAKRMAVL	216	>TSHR-A623fKIIKRMAVL	161	55
>TSHR-A623fKIAKRMAVLII	166	>TSHR-A623fKIIKRMAVLIF	107	59
>TSHR-A623fKIAKRMAVLII	110	>TSHR-A623fKIIKRMAVLIF	62	48
>TSHR-A623fKIAKRMAVL	445	>TSHR-A623fKIIKRMAVL	142	303

>TSHR-A623I KIAKRMAVLII	148	>TSHR-A623I KIIKRMAVLIF	56	92
>TSHR-A623I KIAKRMAVLII	88	>TSHR-A623I KIIKRMAVLIF	83	5
>TSHR-A623I TKIAKRMAV	171	>TSHR-A623I TKIIKRMAV	452	281
>TSHR-A623I TKIAKRMAVL	193	>TSHR-A623I TKIIKRMAVL	443	250
>TSHR-A623I TKIAKRMAV	285	>TSHR-A623I TKIIKRMAV	3210	2925
>TSHR-A623I TKIAKRMAVL	21	>TSHR-A623I TKIIKRMAVL	101	80
>TSHR-A623I DTKIAKRMAV	92	>TSHR-A623I DTKIIKRMAV	90	2
>TSHR-A623I KDTKIAKRMAV	470	>TSHR-A623I KDTKIIKRMAV	1415	945
>TSHR-A623I KDTKIAKR	302	>TSHR-A623I KDTKIIKR	162	140
>TSHR-A623I KDTKIAKRMAV	414	>TSHR-A623I KDTKIIKRMAV	608	194
>TSHR-A623I GDKDTKIA	11589	>TSHR-A623I GDKDTKII	285	11304
>TSHR-A623I AKRMAVLI	1858	>TSHR-A623I SKRMAVLI	188	1670
>TSHR-A623I AKRMAVLI	356	>TSHR-A623I SKRMAVLI	615	259
>TSHR-A623I AKRMAVLI	41	>TSHR-A623I SKRMAVLI	78	37
>TSHR-A623I AKRMAVLIF	3	>TSHR-A623I SKRMAVLIF	3	0
>TSHR-A623I AKRMAVLI	260	>TSHR-A623I SKRMAVLI	732	472
>TSHR-A623I IAKRMAVL	2093	>TSHR-A623I ISKRMAVL	408	1685
>TSHR-A623I IAKRMAVL	768	>TSHR-A623I ISKRMAVL	249	519
>TSHR-A623I IAKRMAVLI	156	>TSHR-A623I ISKRMAVLI	51	105
>TSHR-A623I IAKRMAVLIF	652	>TSHR-A623I ISKRMAVLIF	218	434
>TSHR-A623I IAKRMAVL	326	>TSHR-A623I ISKRMAVL	1135	809
>TSHR-A623I IAKRMAVLIF	326	>TSHR-A623I ISKRMAVLIF	177	149
>TSHR-A623I IAKRMAVLIF	21	>TSHR-A623I ISKRMAVLIF	15	6
>TSHR-A623I IAKRMAVL	151	>TSHR-A623I ISKRMAVL	16	135
>TSHR-A623I IAKRMAVLI	2417	>TSHR-A623I ISKRMAVLI	217	2200
>TSHR-A623I IAKRMAVLIF	37	>TSHR-A623I ISKRMAVLIF	6	31
>TSHR-A623I IAKRMAVLIF	308	>TSHR-A623I ISKRMAVLIF	165	143
>TSHR-A623I IAKRMAVLIF	214	>TSHR-A623I ISKRMAVLIF	86	128
>TSHR-A623I IAKRMAVLI	1024	>TSHR-A623I ISKRMAVLI	114	910
>TSHR-A623I IAKRMAVLIF	2231	>TSHR-A623I ISKRMAVLIF	85	2146
>TSHR-A623I IAKRMAVLI	1053	>TSHR-A623I ISKRMAVLI	184	869
>TSHR-A623I KIAKRMAV	230	>TSHR-A623I KISKRMAV	598	368
>TSHR-A623I KIAKRMAV	79	>TSHR-A623I KISKRMAV	163	84
>TSHR-A623I KIAKRMAVL	67	>TSHR-A623I KISKRMAVL	133	66
>TSHR-A623I KIAKRMAV	14	>TSHR-A623I KISKRMAV	24	10
>TSHR-A623I KIAKRMAVL	85	>TSHR-A623I KISKRMAVL	169	84
>TSHR-A623I KIAKRMAV	37	>TSHR-A623I KISKRMAV	91	54
>TSHR-A623I KIAKRMAVL	291	>TSHR-A623I KISKRMAVL	887	596
>TSHR-A623I KIAKRMAV	195	>TSHR-A623I KISKRMAV	341	146
>TSHR-A623I KIAKRMAV	201	>TSHR-A623I KISKRMAV	640	439
>TSHR-A623I KIAKRMAV	29	>TSHR-A623I KISKRMAV	46	17
>TSHR-A623I KIAKRMAV	493	>TSHR-A623I KISKRMAV	205	288
>TSHR-A623I KIAKRMAVLI	643	>TSHR-A623I KISKRMAVLI	262	381

>TSHR-A623\KIAKRMAVLI	101	>TSHR-A623\KISKRMAVLI	109	8
>TSHR-A623\KIAKRMAVLII	154	>TSHR-A623\KISKRMAVLIF	173	19
>TSHR-A623\KIAKRMAVL	145	>TSHR-A623\KISKRMAVL	1028	883
>TSHR-A623\KIAKRMAVL	216	>TSHR-A623\KISKRMAVL	239	23
>TSHR-A623\KIAKRMAVLII	166	>TSHR-A623\KISKRMAVLIF	186	20
>TSHR-A623\KIAKRMAVLII	110	>TSHR-A623\KISKRMAVLIF	102	8
>TSHR-A623\KIAKRMAVL	445	>TSHR-A623\KISKRMAVL	476	31
>TSHR-A623\KIAKRMAVLII	148	>TSHR-A623\KISKRMAVLIF	142	6
>TSHR-A623\KIAKRMAVLII	88	>TSHR-A623\KISKRMAVLIF	136	48
>TSHR-A623\TKIAKRMAV	171	>TSHR-A623\TKISKRMAV	75	96
>TSHR-A623\TKIAKRMAVL	193	>TSHR-A623\TKISKRMAVL	107	86
>TSHR-A623\TKIAKRMAVL	619	>TSHR-A623\TKISKRMAVL	330	289
>TSHR-A623\TKIAKRMAV	285	>TSHR-A623\TKISKRMAV	491	206
>TSHR-A623\TKIAKRMAVL	21	>TSHR-A623\TKISKRMAVL	28	7
>TSHR-A623\DTKIAKRMAV	92	>TSHR-A623\DTKISKRMAV	117	25
>TSHR-A623\DTKIAKRMAV	822	>TSHR-A623\DTKISKRMAV	377	445
>TSHR-A623\DTKIAKRMAV	805	>TSHR-A623\DTKISKRMAV	314	491
>TSHR-A623\KDTKIAKRMAV	470	>TSHR-A623\KDTKISKRMAV	622	152
>TSHR-A623\KDTKIAKRMAV	302	>TSHR-A623\KDTKISKRMAV	465	163
>TSHR-A623\KDTKIAKRMAV	414	>TSHR-A623\KDTKISKRMAV	709	295
>TSHR-A623\AKRMAVLI	356	>TSHR-A623\VKRMAVLI	3004	2648
>TSHR-A623\AKRMAVLI	41	>TSHR-A623\VKRMAVLI	66	25
>TSHR-A623\AKRMAVLIF	3	>TSHR-A623\VKRMAVLIF	3	0
>TSHR-A623\AKRMAVLI	260	>TSHR-A623\VKRMAVLI	1398	1138
>TSHR-A623\IAKRMAVL	768	>TSHR-A623\IVKRMAVL	200	568
>TSHR-A623\IAKRMAVLI	156	>TSHR-A623\IVKRMAVLI	42	114
>TSHR-A623\IAKRMAVLIF	652	>TSHR-A623\IVKRMAVLIF	168	484
>TSHR-A623\IAKRMAVL	326	>TSHR-A623\IVKRMAVL	567	241
>TSHR-A623\IAKRMAVLIF	326	>TSHR-A623\IVKRMAVLIF	209	117
>TSHR-A623\IAKRMAVLIF	21	>TSHR-A623\IVKRMAVLIF	93	72
>TSHR-A623\IAKRMAVL	151	>TSHR-A623\IVKRMAVL	1619	1468
>TSHR-A623\IAKRMAVLIF	37	>TSHR-A623\IVKRMAVLIF	476	439
>TSHR-A623\IAKRMAVLIF	308	>TSHR-A623\IVKRMAVLIF	4787	4479
>TSHR-A623\IAKRMAVLIF	214	>TSHR-A623\IVKRMAVLIF	1269	1055
>TSHR-A623\KIAKRMAV	230	>TSHR-A623\KIVKRMAV	842	612
>TSHR-A623\KIAKRMAV	79	>TSHR-A623\KIVKRMAV	461	382
>TSHR-A623\KIAKRMAVL	67	>TSHR-A623\KIVKRMAVL	584	517
>TSHR-A623\KIAKRMAV	14	>TSHR-A623\KIVKRMAV	34	20
>TSHR-A623\KIAKRMAVL	85	>TSHR-A623\KIVKRMAVL	271	186
>TSHR-A623\KIAKRMAV	37	>TSHR-A623\KIVKRMAV	31	6
>TSHR-A623\KIAKRMAVL	291	>TSHR-A623\KIVKRMAVL	235	56
>TSHR-A623\KIAKRMAV	195	>TSHR-A623\KIVKRMAV	250	55
>TSHR-A623\KIAKRMAV	201	>TSHR-A623\KIVKRMAV	1011	810

>TSHR-A623\KIAKRMAV	29	>TSHR-A623\KIVKRMAV	62	33
>TSHR-A623\KIAKRMAVL	1789	>TSHR-A623\KIVKRMAVL	253	1536
>TSHR-A623\KIAKRMAVLII	1385	>TSHR-A623\KIVKRMAVLII	270	1115
>TSHR-A623\KIAKRMAV	493	>TSHR-A623\KIVKRMAV	461	32
>TSHR-A623\KIAKRMAVLI	101	>TSHR-A623\KIVKRMAVLI	128	27
>TSHR-A623\KIAKRMAVLII	154	>TSHR-A623\KIVKRMAVLII	174	20
>TSHR-A623\KIAKRMAVL	145	>TSHR-A623\KIVKRMAVL	1290	1145
>TSHR-A623\KIAKRMAVL	216	>TSHR-A623\KIVKRMAVL	520	304
>TSHR-A623\KIAKRMAVLII	166	>TSHR-A623\KIVKRMAVLII	219	53
>TSHR-A623\KIAKRMAVLII	110	>TSHR-A623\KIVKRMAVLII	95	15
>TSHR-A623\KIAKRMAVL	445	>TSHR-A623\KIVKRMAVL	137	308
>TSHR-A623\KIAKRMAVLII	148	>TSHR-A623\KIVKRMAVLII	55	93
>TSHR-A623\KIAKRMAVLII	88	>TSHR-A623\KIVKRMAVLII	135	47
>TSHR-A623\TKIAKRMAV	171	>TSHR-A623\TKIVKRMAV	230	59
>TSHR-A623\TKIAKRMAVL	193	>TSHR-A623\TKIVKRMAVL	267	74
>TSHR-A623\TKIAKRMAV	285	>TSHR-A623\TKIVKRMAV	1482	1197
>TSHR-A623\TKIAKRMAVL	21	>TSHR-A623\TKIVKRMAVL	55	34
>TSHR-A623\DTKIAKRMA\	92	>TSHR-A623\DTKIVKRMA\	127	35
>TSHR-A623\KDTKIAKRM	470	>TSHR-A623\KDTKIVKRM	1314	844
>TSHR-A623\KDTKIAKR	302	>TSHR-A623\KDTKIVKR	161	141
>TSHR-A623\KDTKIAKRMA	414	>TSHR-A623\KDTKIVKRMA	626	212
>TSHR-A627\AVLIFTDFICV	1195	>TSHR-A627\VVLIFTDFICV	420	775
>TSHR-A627\AVLIFTDFI	339	>TSHR-A627\VVLIFTDFI	145	194
>TSHR-A627\AVLIFTDFI	201	>TSHR-A627\VVLIFTDFI	500	299
>TSHR-A627\AVLIFTDFI	47	>TSHR-A627\VVLIFTDFI	79	32
>TSHR-A627\AVLIFTDFI	98	>TSHR-A627\VVLIFTDFI	71	27
>TSHR-A627\AVLIFTDFI	264	>TSHR-A627\VVLIFTDFI	222	42
>TSHR-A627\AVLIFTDFICV	287	>TSHR-A627\VVLIFTDFICV	1094	807
>TSHR-A627\AVLIFTDF	63	>TSHR-A627\VVLIFTDF	293	230
>TSHR-A627\AVLIFTDFI	238	>TSHR-A627\VVLIFTDFI	1100	862
>TSHR-A627\AVLIFTDFI	189	>TSHR-A627\VVLIFTDFI	210	21
>TSHR-A627\AVLIFTDF	213	>TSHR-A627\VVLIFTDF	302	89
>TSHR-A627\AVLIFTDF	424	>TSHR-A627\VVLIFTDF	528	104
>TSHR-A627\AVLIFTDFI	226	>TSHR-A627\VVLIFTDFI	383	157
>TSHR-A627\MAVLIFTDFI	190	>TSHR-A627\MVVLIFTDFI	353	163
>TSHR-A627\MAVLIFTDFI	539	>TSHR-A627\MVVLIFTDFI	267	272
>TSHR-A627\MAVLIFTDFI	1087	>TSHR-A627\MVVLIFTDFI	480	607
>TSHR-A627\MAVLIFTDFI	153	>TSHR-A627\MVVLIFTDFI	94	59
>TSHR-A627\MAVLIFTDF	591	>TSHR-A627\MVVLIFTDF	195	396
>TSHR-A627\MAVLIFTDF	2382	>TSHR-A627\MVVLIFTDF	337	2045
>TSHR-A627\MAVLIFTDF	4037	>TSHR-A627\MVVLIFTDF	335	3702
>TSHR-A627\MAVLIFTDFI	76	>TSHR-A627\MVVLIFTDFI	44	32
>TSHR-A627\MAVLIFTDFI	304	>TSHR-A627\MVVLIFTDFI	113	191

>TSHR-A627\MAVLIFTDF	57	>TSHR-A627\MVVLIFTDF	240	183
>TSHR-A627\MAVLIFTDF	85	>TSHR-A627\MVVLIFTDF	1379	1294
>TSHR-A627\MAVLIFTDF	48	>TSHR-A627\MVVLIFTDF	165	117
>TSHR-A627\MAVLIFTDF	151	>TSHR-A627\MVVLIFTDF	1521	1370
>TSHR-A627\MAVLIFTDF	406	>TSHR-A627\MVVLIFTDF	194	212
>TSHR-A627\RMAVLIFTDF	1077	>TSHR-A627\RMVVLIFTDF	313	764
>TSHR-A627\RMAVLIFT	161	>TSHR-A627\RMVVLIFT	494	333
>TSHR-A627\RMAVLIFTDF	30	>TSHR-A627\RMVVLIFTDF	68	38
>TSHR-A627\RMAVLIFT	75	>TSHR-A627\RMVVLIFT	609	534
>TSHR-A627\RMAVLIFTDF	5	>TSHR-A627\RMVVLIFTDF	26	21
>TSHR-A627\RMAVLIFT	150	>TSHR-A627\RMVVLIFT	511	361
>TSHR-A627\RMAVLIFTDF	15	>TSHR-A627\RMVVLIFTDF	49	34
>TSHR-A627\RMAVLIFT	289	>TSHR-A627\RMVVLIFT	261	28
>TSHR-A627\RMAVLIFTDF	53	>TSHR-A627\RMVVLIFTDF	52	1
>TSHR-A627\RMAVLIFT	75	>TSHR-A627\RMVVLIFT	89	14
>TSHR-A627\RMAVLIFTDF	8	>TSHR-A627\RMVVLIFTDF	9	1
>TSHR-A627\RMAVLIFTDF	25	>TSHR-A627\RMVVLIFTDF	28	3
>TSHR-A627\RMAVLIFT	104	>TSHR-A627\RMVVLIFT	420	316
>TSHR-A627\RMAVLIFTDF	16	>TSHR-A627\RMVVLIFTDF	37	21
>TSHR-A627\RMAVLIFTDF	19	>TSHR-A627\RMVVLIFTDF	197	178
>TSHR-A627\RMAVLIFT	425	>TSHR-A627\RMVVLIFT	916	491
>TSHR-A627\RMAVLIFTDF	89	>TSHR-A627\RMVVLIFTDF	177	88
>TSHR-A627\RMAVLIFTDF	185	>TSHR-A627\RMVVLIFTDF	242	57
>TSHR-A627\RMAVLIFTDF	22	>TSHR-A627\RMVVLIFTDF	23	1
>TSHR-A627\RMAVLIFTDF	69	>TSHR-A627\RMVVLIFTDF	82	13
>TSHR-A627\RMAVLIFTDF	45	>TSHR-A627\RMVVLIFTDF	55	10
>TSHR-A627\RMAVLIFTDF	8	>TSHR-A627\RMVVLIFTDF	8	0
>TSHR-A627\RMAVLIFTDF	498	>TSHR-A627\RMVVLIFTDF	443	55
>TSHR-A627\RMAVLIFTDF	337	>TSHR-A627\RMVVLIFTDF	125	212
>TSHR-A627\RMAVLIFTDF	106	>TSHR-A627\RMVVLIFTDF	174	68
>TSHR-A627\RMAVLIFTDF	97	>TSHR-A627\RMVVLIFTDF	162	65
>TSHR-A627\RMAVLIFTDF	253	>TSHR-A627\RMVVLIFTDF	808	555
>TSHR-A627\RMAVLIFTDF	347	>TSHR-A627\RMVVLIFTDF	321	26
>TSHR-A627\RMAVLIFTDF	146	>TSHR-A627\RMVVLIFTDF	516	370
>TSHR-A627\KRMVVLIF	8	>TSHR-A627\KRMVVLIF	10	2
>TSHR-A627\KRMVVLIFTD	14	>TSHR-A627\KRMVVLIFTD	17	3
>TSHR-A627\KRMVVLIF	26	>TSHR-A627\KRMVVLIF	27	1
>TSHR-A627\KRMVVLIFT	117	>TSHR-A627\KRMVVLIFT	122	5
>TSHR-A627\KRMVVLIFTD	38	>TSHR-A627\KRMVVLIFTD	39	1
>TSHR-A627\KRMVVLIF	139	>TSHR-A627\KRMVVLIF	77	62
>TSHR-A627\KRMVVLIFT	62	>TSHR-A627\KRMVVLIFT	54	8
>TSHR-A627\KRMVVLIFTD	499	>TSHR-A627\KRMVVLIFTD	543	44
>TSHR-A627\KRMVVLIFTD	45	>TSHR-A627\KRMVVLIFTD	41	4

>TSHR-A627\KRMVVLIF	688	>TSHR-A627\KRMVVLIF	480	208
>TSHR-A627\KRMVVLIFT	678	>TSHR-A627\KRMVVLIFT	449	229
>TSHR-A627\KRMVVLIFTD	28	>TSHR-A627\KRMVVLIFTD	23	5
>TSHR-A627\AKRMVLI	356	>TSHR-A627\AKRMVLI	701	345
>TSHR-A627\AKRMVLI	41	>TSHR-A627\AKRMVLI	49	8
>TSHR-A627\AKRMVLI	3	>TSHR-A627\AKRMVLI	3	0
>TSHR-A627\AKRMVLI	260	>TSHR-A627\AKRMVLI	236	24
>TSHR-A627\IAKRMVLI	156	>TSHR-A627\IAKRMVLI	114	42
>TSHR-A627\IAKRMVLI	326	>TSHR-A627\IAKRMVLI	365	39
>TSHR-A627\IAKRMVLI	326	>TSHR-A627\IAKRMVLI	239	87
>TSHR-A627\IAKRMVLI	990	>TSHR-A627\IAKRMVLI	480	510
>TSHR-A627\IAKRMVLI	21	>TSHR-A627\IAKRMVLI	24	3
>TSHR-A627\IAKRMVLI	151	>TSHR-A627\IAKRMVLI	431	280
>TSHR-A627\IAKRMVLI	37	>TSHR-A627\IAKRMVLI	90	53
>TSHR-A627\IAKRMVLI	308	>TSHR-A627\IAKRMVLI	352	44
>TSHR-A627\IAKRMVLI	214	>TSHR-A627\IAKRMVLI	111	103
>TSHR-A627\IAKRMVLI	230	>TSHR-A627\IAKRMVLI	580	350
>TSHR-A627\IAKRMVLI	79	>TSHR-A627\IAKRMVLI	289	210
>TSHR-A627\IAKRMVLI	67	>TSHR-A627\IAKRMVLI	133	66
>TSHR-A627\IAKRMVLI	14	>TSHR-A627\IAKRMVLI	37	23
>TSHR-A627\IAKRMVLI	85	>TSHR-A627\IAKRMVLI	416	331
>TSHR-A627\IAKRMVLI	37	>TSHR-A627\IAKRMVLI	144	107
>TSHR-A627\IAKRMVLI	291	>TSHR-A627\IAKRMVLI	299	8
>TSHR-A627\IAKRMVLI	195	>TSHR-A627\IAKRMVLI	372	177
>TSHR-A627\IAKRMVLI	201	>TSHR-A627\IAKRMVLI	161	40
>TSHR-A627\IAKRMVLI	29	>TSHR-A627\IAKRMVLI	44	15
>TSHR-A627\IAKRMVLI	493	>TSHR-A627\IAKRMVLI	778	285
>TSHR-A627\IAKRMVLI	1507	>TSHR-A627\IAKRMVLI	213	1294
>TSHR-A627\IAKRMVLI	101	>TSHR-A627\IAKRMVLI	51	50
>TSHR-A627\IAKRMVLI	154	>TSHR-A627\IAKRMVLI	63	91
>TSHR-A627\IAKRMVLI	145	>TSHR-A627\IAKRMVLI	172	27
>TSHR-A627\IAKRMVLI	216	>TSHR-A627\IAKRMVLI	398	182
>TSHR-A627\IAKRMVLI	166	>TSHR-A627\IAKRMVLI	242	76
>TSHR-A627\IAKRMVLI	110	>TSHR-A627\IAKRMVLI	105	5
>TSHR-A627\IAKRMVLI	445	>TSHR-A627\IAKRMVLI	2022	1577
>TSHR-A627\IAKRMVLI	148	>TSHR-A627\IAKRMVLI	405	257
>TSHR-A627\IAKRMVLI	88	>TSHR-A627\IAKRMVLI	107	19
>TSHR-A627\TKIAKRMV	171	>TSHR-A627\TKIAKRMV	285	114
>TSHR-A627\TKIAKRMV	193	>TSHR-A627\TKIAKRMV	114	79
>TSHR-A627\TKIAKRMV	285	>TSHR-A627\TKIAKRMV	380	95
>TSHR-A627\TKIAKRMV	21	>TSHR-A627\TKIAKRMV	19	2
>TSHR-A627\DTKIAKRMV	92	>TSHR-A627\DTKIAKRMV	207	115
>TSHR-A627\KDTKIAKRMV	8489	>TSHR-A627\KDTKIAKRMV	297	8192



>TSHR-A627\KDTKIAKRM	414	>TSHR-A627\KDTKIAKRM	299	115
>TSHR-D382\DSHYDYTI	13348	>TSHR-D382\DSHYDYTI	153	13195
>TSHR-D382\DSHYDYTI	1185	>TSHR-D382\DSHYDYTI	115	1070
>TSHR-D382\DSHYDYTI	340	>TSHR-D382\DSHYDYTI	139	201
>TSHR-D382\DSHYDYTI	9137	>TSHR-D382\DSHYDYTI	207	8930
>TSHR-D382\DSHYDYTI	339	>TSHR-D382\DSHYDYTI	24	315
>TSHR-D382\FDSHYDYTI	688	>TSHR-D382\FDSHYDYTI	319	369
>TSHR-D382\FDSHYDYTI	6098	>TSHR-D382\FDSHYDYTI	415	5683
>TSHR-D382\FDSHYDYTI	6518	>TSHR-D382\FDSHYDYTI	59	6459
>TSHR-D382\FDSHYDYTI	11816	>TSHR-D382\FDSHYDYTI	55	11761
>TSHR-D382\FDSHYDYTI	20	>TSHR-D382\FDSHYDYTI	2289	2269
>TSHR-D382\AFDSHYDYTI	400	>TSHR-D382\AFDSHYDYTI	44	356
>TSHR-D382\AFDSHYDY	74	>TSHR-D382\AFDSHYDY	15	59
>TSHR-D382\AFDSHYDYTI	15529	>TSHR-D382\AFDSHYDYTI	437	15092
>TSHR-D382\AFDSHYDY	507	>TSHR-D382\AFDSHYDY	290	217
>TSHR-D382\AFDSHYDY	113	>TSHR-D382\AFDSHYDY	638	525
>TSHR-D382\AFDSHYDYTI	582	>TSHR-D382\AFDSHYDYTI	439	143
>TSHR-D382\QAFDSHYDY	409	>TSHR-D382\QAFDSHYDY	1618	1209
>TSHR-D382\QAFDSHYDY	19	>TSHR-D382\QAFDSHYDY	18	1
>TSHR-D382\QAFDSHYDY	177	>TSHR-D382\QAFDSHYDY	101	76
>TSHR-D382\QAFDSHYDY	50	>TSHR-D382\QAFDSHYDY	35	15
>TSHR-D382\QAFDSHYDY	167	>TSHR-D382\QAFDSHYDY	307	140
>TSHR-D382\QAFDSHYDY	26	>TSHR-D382\QAFDSHYDY	27	1
>TSHR-D382\QAFDSHYDY	344	>TSHR-D382\QAFDSHYDY	1344	1000
>TSHR-D382\QAFDSHYDY	294	>TSHR-D382\QAFDSHYDY	257	37
>TSHR-D382\QAFDSHYDY	37	>TSHR-D382\QAFDSHYDY	18	19
>TSHR-D382\QAFDSHYDY	443	>TSHR-D382\QAFDSHYDY	145	298
>TSHR-D382\QAFDSHYDY	13	>TSHR-D382\QAFDSHYDY	12	1
>TSHR-D382\QAFDSHYDY	44	>TSHR-D382\QAFDSHYDY	51	7
>TSHR-D382\QAFDSHYDY	38	>TSHR-D382\QAFDSHYDY	41	3
>TSHR-D382\QAFDSHYDY	1177	>TSHR-D382\QAFDSHYDY	229	948
>TSHR-D382\QAFDSHYDY	790	>TSHR-D382\QAFDSHYDY	456	334
>TSHR-D382\QAFDSHYDY	89	>TSHR-D382\QAFDSHYDY	73	16
>TSHR-D382\LQAFDSHYDY	396	>TSHR-D382\LQAFDSHYDY	240	156
>TSHR-D382\LQAFDSHYDY	181	>TSHR-D382\LQAFDSHYDY	164	17
>TSHR-D382\LQAFDSHY	136	>TSHR-D382\LQAFDSHY	60	76
>TSHR-D382\LQAFDSHYDY	295	>TSHR-D382\LQAFDSHYDY	318	23
>TSHR-D382\LQAFDSHY	32	>TSHR-D382\LQAFDSHY	61	29
>TSHR-D382\LQAFDSHYDY	62	>TSHR-D382\LQAFDSHYDY	68	6
>TSHR-D382\LQAFDSHY	31	>TSHR-D382\LQAFDSHY	29	2
>TSHR-D382\LQAFDSHYDY	57	>TSHR-D382\LQAFDSHYDY	49	8
>TSHR-D382\LQAFDSHY	278	>TSHR-D382\LQAFDSHY	245	33
>TSHR-D382\LQAFDSHYDY	552	>TSHR-D382\LQAFDSHYDY	408	144

>TSHR-D382ILQAFDSHY	17	>TSHR-D382ILQAFHSHY	8	9
>TSHR-D382ILQAFDSHYDY	19	>TSHR-D382ILQAFHSHYDY	13	6
>TSHR-D382ITLQAFDSHY	118	>TSHR-D382ITLQAFHSHY	49	69
>TSHR-D382ITLQAFDSHYC	34	>TSHR-D382ITLQAFHSHYC	23	11
>TSHR-D382ITLQAFDSHY	51	>TSHR-D382ITLQAFHSHY	76	25
>TSHR-D382ITLQAFDSHYC	58	>TSHR-D382ITLQAFHSHYC	66	8
>TSHR-D382ITLQAFDSHY	60	>TSHR-D382ITLQAFHSHY	19	41
>TSHR-D382ITLQAFDSHYC	63	>TSHR-D382ITLQAFHSHYC	28	35
>TSHR-D382ITLQAFDSHY	56	>TSHR-D382ITLQAFHSHY	49	7
>TSHR-D382ITLQAFDSHYC	208	>TSHR-D382ITLQAFHSHYC	171	37
>TSHR-D382ITLQAFDSHY	21	>TSHR-D382ITLQAFHSHY	24	3
>TSHR-D382ITLQAFDSHYC	39	>TSHR-D382ITLQAFHSHYC	42	3
>TSHR-D382ITLQAFDSHY	987	>TSHR-D382ITLQAFHSHY	229	758
>TSHR-D382ITLQAFDSHY	1045	>TSHR-D382ITLQAFHSHY	236	809
>TSHR-D382IETLQAFDSHY	58	>TSHR-D382IETLQAFHSHY	61	3
>TSHR-D382IETLQAFDSH	172	>TSHR-D382IETLQAFHSH	63	109
>TSHR-D382IETLQAFDSHY	79	>TSHR-D382IETLQAFHSHY	59	20
>TSHR-D382IETLQAFDSHY	59	>TSHR-D382IETLQAFHSHY	71	12
>TSHR-D382IETLQAFDSH	87	>TSHR-D382IETLQAFHSH	58	29
>TSHR-D382IETLQAFDSHY	3	>TSHR-D382IETLQAFHSHY	2	1
>TSHR-D382IETLQAFDSH	38	>TSHR-D382IETLQAFHSH	13	25
>TSHR-D382IETLQAFDSHY	5	>TSHR-D382IETLQAFHSHY	3	2
>TSHR-D382IETLQAFDSHY	140	>TSHR-D382IETLQAFHSHY	145	5
>TSHR-D382IETLQAFDSHY	356	>TSHR-D382IETLQAFHSHY	438	82
>TSHR-D382IETLQAFDSH	1359	>TSHR-D382IETLQAFHSH	489	870
>TSHR-D382IETLQAFDS	1711	>TSHR-D382IETLQAFHS	251	1460
>TSHR-D382IETLQAFDSHY	990	>TSHR-D382IETLQAFHSHY	386	604
>TSHR-D382IETLQAFDSHY	1762	>TSHR-D382IETLQAFHSHY	418	1344
>TSHR-D382IETLQAFDSHY	516	>TSHR-D382IETLQAFHSHY	298	218
>TSHR-D382IETLQAFDSHY	30	>TSHR-D382IETLQAFHSHY	12	18
>TSHR-D382IETLQAFDSH	3239	>TSHR-D382IETLQAFHSH	425	2814
>TSHR-D382IEETLQAFD	548	>TSHR-D382IEETLQAFH	399	149
>TSHR-D382IEETLQAFDSH	550	>TSHR-D382IEETLQAFHSH	294	256
>TSHR-D382IEETLQAFDSH	377	>TSHR-D382IEETLQAFHSH	385	8
>TSHR-D382IEETLQAFDSH	164	>TSHR-D382IEETLQAFHSH	206	42
>TSHR-D395IDMVCTPKSD	2005	>TSHR-D395IDMVCTPKSD	466	1539
>TSHR-D395IDMVCTPKSD	2542	>TSHR-D395IDMVCTPKSD	243	2299
>TSHR-D395IDMVCTPKSD	1541	>TSHR-D395IDMVCTPKSD	429	1112
>TSHR-D395IDMVCTPKSD	141	>TSHR-D395IDMVCTPKSD	32	109
>TSHR-D395IDMVCTPKSD	564	>TSHR-D395IDMVCTPKSD	433	131
>TSHR-D395IDMVCTPK	1012	>TSHR-D395IDMVCTPK	196	816
>TSHR-D395IDSEDMVCTP	447	>TSHR-D395IDSEDMVCTP	365	82
>TSHR-D395IDSEDMVCTP	178	>TSHR-D395IDSEDMVCTP	248	70

>TSHR-D395ITICGDSEDM\	217	>TSHR-D395ITICGDSENMA	234	17
>TSHR-D395ITICGDSEDM\	59	>TSHR-D395ITICGDSENMA	32	27
>TSHR-D395ITICGDSEDM	369	>TSHR-D395ITICGDSENMA	86	283
>TSHR-D395YTICGDSEDM	182	>TSHR-D395YTICGDSENM	134	48
>TSHR-D395YTICGDSEDM	1222	>TSHR-D395YTICGDSENM	415	807
>TSHR-D395YTICGDSEDM	259	>TSHR-D395YTICGDSENM	193	66
>TSHR-D395YTICGDSEDM	82	>TSHR-D395YTICGDSENM	40	42
>TSHR-D395YTICGDSEDM	1330	>TSHR-D395YTICGDSENM	385	945
>TSHR-D395YTICGDSEDM	26	>TSHR-D395YTICGDSENM	24	2
>TSHR-D395YTICGDSEDM	20	>TSHR-D395YTICGDSENM	26	6
>TSHR-D395YTICGDSEDM	28	>TSHR-D395YTICGDSENM	28	0
>TSHR-D395YTICGDSEDM	103	>TSHR-D395YTICGDSENM	148	45
>TSHR-D395YTICGDSEDM	167	>TSHR-D395YTICGDSENM	102	65
>TSHR-D395YTICGDSEDM	9	>TSHR-D395YTICGDSENM	4	5
>TSHR-D395YTICGDSEDM	410	>TSHR-D395YTICGDSENM	441	31
>TSHR-D395YTICGDSEDM	132	>TSHR-D395YTICGDSENM	40	92
>TSHR-D395YTICGDSEDM	10	>TSHR-D395YTICGDSENM	9	1
>TSHR-D395YTICGDSEDM	1354	>TSHR-D395YTICGDSENM	235	1119
>TSHR-D395YTICGDSEDM	42	>TSHR-D395YTICGDSENM	29	13
>TSHR-D395YTICGDSEDM	260	>TSHR-D395YTICGDSENM	189	71
>TSHR-D395YTICGDSEDM	19	>TSHR-D395YTICGDSENM	8	11
>TSHR-D395YTICGDSEDM	247	>TSHR-D395YTICGDSENM	213	34
>TSHR-D395YTICGDSEDM	1318	>TSHR-D395YTICGDSEN	226	1092
>TSHR-D395YTICGDSEDM	50	>TSHR-D395YTICGDSENM	39	11
>TSHR-D395YTICGDSEDM	60	>TSHR-D395YTICGDSENM	32	28
>TSHR-D619(DTKIAKRMA	6493	>TSHR-D619(GTKIAKRMA	314	6179
>TSHR-D619(DTKIAKRMA\	1954	>TSHR-D619(GTKIAKRMA\	64	1890
>TSHR-D619(DTKIAKRMA\	6114	>TSHR-D619(GTKIAKRMA\	372	5742
>TSHR-D619(DTKIAKRMA\	92	>TSHR-D619(GTKIAKRMA\	344	252
>TSHR-D619(DTKIAKRM	822	>TSHR-D619(GTKIAKRM	35	787
>TSHR-D619(DTKIAKRMA\	805	>TSHR-D619(GTKIAKRMA\	42	763
>TSHR-D619(DTKIAKRMA\	3100	>TSHR-D619(GTKIAKRMA\	77	3023
>TSHR-D619(KDTKIAKR	2790	>TSHR-D619(KGTKIAKR	135	2655
>TSHR-D619(KDTKIAKRM	470	>TSHR-D619(KGTKIAKRM	137	333
>TSHR-D619(KDTKIAKR	302	>TSHR-D619(KGTKIAKR	76	226
>TSHR-D619(KDTKIAKRMA/	414	>TSHR-D619(KGTKIAKRMA/	21717	21303
>TSHR-D619(QYNPGDKDT	86	>TSHR-D619(QYNPGDKGT	88	2
>TSHR-D619(QYNPGDKDT	231	>TSHR-D619(QYNPGDKGT	206	25
>TSHR-D633IDFICMAPISF	269	>TSHR-D633IEFICMAPISF	253	16
>TSHR-D633IDFICMAPISF	1214	>TSHR-D633IEFICMAPISF	282	932
>TSHR-D633IDFICMAPISF	1973	>TSHR-D633IEFICMAPISF	444	1529
>TSHR-D633IDFICMAPISF\	727	>TSHR-D633IEFICMAPISFY	182	545
>TSHR-D633IDFICMAPISF	903	>TSHR-D633IEFICMAPISF	208	695

>TSHR-D633IDFICMAPISF\	19	>TSHR-D633IEFICMAPISFY	7	12
>TSHR-D633IDFICMAPISF	955	>TSHR-D633IEFICMAPISF	291	664
>TSHR-D633IDFICMAPISF\	149	>TSHR-D633IEFICMAPISFY	50	99
>TSHR-D633IDFICMAPISF	487	>TSHR-D633IEFICMAPISF	603	116
>TSHR-D633IDFICMAPISF\	18	>TSHR-D633IEFICMAPISFY	21	3
>TSHR-D633IDFICMAPISF\	430	>TSHR-D633IEFICMAPISFY	146	284
>TSHR-D633IDFICMAPI	1647	>TSHR-D633IEFICMAPI	256	1391
>TSHR-D633ITDFICMAPI	103	>TSHR-D633ITEFICMAPI	7	96
>TSHR-D633ITDFICMAPISF	7342	>TSHR-D633ITEFICMAPISF	403	6939
>TSHR-D633ITDFICMAPI	127	>TSHR-D633ITEFICMAPI	325	198
>TSHR-D633ITDFICMAPISF	391	>TSHR-D633ITEFICMAPISF	51	340
>TSHR-D633ITDFICMAPI	10240	>TSHR-D633ITEFICMAPI	90	10150
>TSHR-D633ITDFICMAPISF	627	>TSHR-D633ITEFICMAPISF	6	621
>TSHR-D633ITDFICMAPI	16612	>TSHR-D633ITEFICMAPI	101	16511
>TSHR-D633ITDFICMAPISF	18483	>TSHR-D633ITEFICMAPISF	161	18322
>TSHR-D633ITDFICMAP	3339	>TSHR-D633ITEFICMAP	401	2938
>TSHR-D633ITDFICMAPI	65	>TSHR-D633ITEFICMAPI	19	46
>TSHR-D633ITDFICMAPISF	138	>TSHR-D633ITEFICMAPISF	31	107
>TSHR-D633ITDFICMAPISF	4486	>TSHR-D633ITEFICMAPISF	154	4332
>TSHR-D633ITDFICMAPISF	4259	>TSHR-D633ITEFICMAPISF	47	4212
>TSHR-D633ITDFICMAPI	76	>TSHR-D633ITEFICMAPI	4	72
>TSHR-D633ITDFICMAPISF	2475	>TSHR-D633ITEFICMAPISF	76	2399
>TSHR-D633ITDFICMAPI	425	>TSHR-D633ITEFICMAPI	5625	5200
>TSHR-D633ITDFICMAPI	101	>TSHR-D633ITEFICMAPI	4026	3925
>TSHR-D633IFTDFICMA	392	>TSHR-D633IFTEFICMA	3759	3367
>TSHR-D633IFTDFICMA	343	>TSHR-D633IFTEFICMA	5403	5060
>TSHR-D633IFTDFICMAPI	378	>TSHR-D633IFTEFICMAPI	1090	712
>TSHR-D633IFTDFICMA	221	>TSHR-D633IFTEFICMA	489	268
>TSHR-D633IFTDFICMAPI	333	>TSHR-D633IFTEFICMAPI	633	300
>TSHR-D633IFTDFICMAPI	400	>TSHR-D633IFTEFICMAPI	632	232
>TSHR-D633IFTDFICMA	140	>TSHR-D633IFTEFICMA	990	850
>TSHR-D633IFTDFICMAPI	83	>TSHR-D633IFTEFICMAPI	165	82
>TSHR-D633IFTDFICMA	187	>TSHR-D633IFTEFICMA	2478	2291
>TSHR-D633IFTDFICMAPI	256	>TSHR-D633IFTEFICMAPI	4466	4210
>TSHR-D633IFTDFICMA	194	>TSHR-D633IFTEFICMA	182	12
>TSHR-D633IFTDFICMAPI	29	>TSHR-D633IFTEFICMAPI	46	17
>TSHR-D633IFTDFICMA	119	>TSHR-D633IFTEFICMA	1579	1460
>TSHR-D633IFTDFICMAPI	16	>TSHR-D633IFTEFICMAPI	146	130
>TSHR-D633IFTDFICMAPI	185	>TSHR-D633IFTEFICMAPI	219	34
>TSHR-D633IFTDFICMAPI	412	>TSHR-D633IFTEFICMAPI	288	124
>TSHR-D633IFTDFICMAPI	881	>TSHR-D633IFTEFICMAPI	444	437
>TSHR-D633IFTDFICMAPI	94	>TSHR-D633IFTEFICMAPI	187	93
>TSHR-D633IFTDFICMAPI	365	>TSHR-D633IFTEFICMAPI	450	85

>TSHR-D633ILIFTDFICMA	181	>TSHR-D633ILIFTEFICMA	229	48
>TSHR-D633ILIFTDFICMA	139	>TSHR-D633ILIFTEFICMA	140	1
>TSHR-D633ILIFTDFICM	319	>TSHR-D633ILIFTEFICM	473	154
>TSHR-D633ILIFTDFICMA	109	>TSHR-D633ILIFTEFICMA	138	29
>TSHR-D633ILIFTDFICMA	72	>TSHR-D633ILIFTEFICMA	80	8
>TSHR-D633ILIFTDFICMA	302	>TSHR-D633ILIFTEFICMA	377	75
>TSHR-D633ILIFTDFICMA	52	>TSHR-D633ILIFTEFICMA	71	19
>TSHR-D633ILIFTDFICM	173	>TSHR-D633ILIFTEFICM	167	6
>TSHR-D633IVLIFTDFI	68	>TSHR-D633IVLIFTEFI	57	11
>TSHR-D633IVLIFTDFICM	428	>TSHR-D633IVLIFTEFICM	374	54
>TSHR-D633IVLIFTDFICMA/	110	>TSHR-D633IVLIFTEFICMA	113	3
>TSHR-D633IVLIFTDFI	29	>TSHR-D633IVLIFTEFI	29	0
>TSHR-D633IVLIFTDFICMA/	168	>TSHR-D633IVLIFTEFICMA	179	11
>TSHR-D633IVLIFTDFI	42	>TSHR-D633IVLIFTEFI	44	2
>TSHR-D633IVLIFTDFICMA/	62	>TSHR-D633IVLIFTEFICMA	73	11
>TSHR-D633IVLIFTDFI	161	>TSHR-D633IVLIFTEFI	165	4
>TSHR-D633IVLIFTDFICMA/	237	>TSHR-D633IVLIFTEFICMA	308	71
>TSHR-D633IVLIFTDFI	13	>TSHR-D633IVLIFTEFI	8	5
>TSHR-D633IVLIFTDFICMA/	19	>TSHR-D633IVLIFTEFICMA	14	5
>TSHR-D633IVLIFTDFI	11	>TSHR-D633IVLIFTEFI	14	3
>TSHR-D633IVLIFTDFIC	195	>TSHR-D633IVLIFTEFIC	309	114
>TSHR-D633IVLIFTDFICM	185	>TSHR-D633IVLIFTEFICM	329	144
>TSHR-D633IVLIFTDFICMA/	56	>TSHR-D633IVLIFTEFICMA	74	18
>TSHR-D633IVLIFTDFI	30	>TSHR-D633IVLIFTEFI	32	2
>TSHR-D633IVLIFTDFICMA/	38	>TSHR-D633IVLIFTEFICMA	38	0
>TSHR-D633IVLIFTDFI	78	>TSHR-D633IVLIFTEFI	46	32
>TSHR-D633IVLIFTDFICMA/	542	>TSHR-D633IVLIFTEFICMA	477	65
>TSHR-D633IVLIFTDFI	45	>TSHR-D633IVLIFTEFI	23	22
>TSHR-D633IVLIFTDFIC	381	>TSHR-D633IVLIFTEFIC	232	149
>TSHR-D633IVLIFTDFICMA/	14	>TSHR-D633IVLIFTEFICMA	11	3
>TSHR-D633I AVLIFTDFI	339	>TSHR-D633I AVLIFTEFI	575	236
>TSHR-D633I AVLIFTDFI	530	>TSHR-D633I AVLIFTEFI	310	220
>TSHR-D633I AVLIFTDFI	201	>TSHR-D633I AVLIFTEFI	181	20
>TSHR-D633I AVLIFTDFI	47	>TSHR-D633I AVLIFTEFI	36	11
>TSHR-D633I AVLIFTDFI	98	>TSHR-D633I AVLIFTEFI	47	51
>TSHR-D633I AVLIFTDFI	264	>TSHR-D633I AVLIFTEFI	320	56
>TSHR-D633I AVLIFTDF	865	>TSHR-D633I AVLIFTEF	223	642
>TSHR-D633I AVLIFTDFICM	287	>TSHR-D633I AVLIFTEFICM	419	132
>TSHR-D633I AVLIFTDF	63	>TSHR-D633I AVLIFTEF	52	11
>TSHR-D633I AVLIFTDFI	238	>TSHR-D633I AVLIFTEFI	117	121
>TSHR-D633I AVLIFTDFI	552	>TSHR-D633I AVLIFTEFI	284	268
>TSHR-D633I AVLIFTDFI	189	>TSHR-D633I AVLIFTEFI	95	94
>TSHR-D633I AVLIFTDF	213	>TSHR-D633I AVLIFTEF	110	103

>TSHR-D633I AVLIFTFD	424	>TSHR-D633I AVLIFTEF	94	330
>TSHR-D633I AVLIFTDFI	226	>TSHR-D633I AVLIFTEFI	209	17
>TSHR-D633I MAVLIFTDFI	190	>TSHR-D633I MAVLIFTEFI	300	110
>TSHR-D633I MAVLIFTDFI	539	>TSHR-D633I MAVLIFTEFI	402	137
>TSHR-D633I MAVLIFTDFI	153	>TSHR-D633I MAVLIFTEFI	165	12
>TSHR-D633I MAVLIFTDF	591	>TSHR-D633I MAVLIFTEF	296	295
>TSHR-D633I MAVLIFTDFI	76	>TSHR-D633I MAVLIFTEFI	109	33
>TSHR-D633I MAVLIFTDFI	304	>TSHR-D633I MAVLIFTEFI	146	158
>TSHR-D633I MAVLIFTDF	57	>TSHR-D633I MAVLIFTEF	34	23
>TSHR-D633I MAVLIFTDF	85	>TSHR-D633I MAVLIFTEF	20	65
>TSHR-D633I MAVLIFTDF	48	>TSHR-D633I MAVLIFTEF	19	29
>TSHR-D633I MAVLIFTDF	151	>TSHR-D633I MAVLIFTEF	84	67
>TSHR-D633I MAVLIFTDF	903	>TSHR-D633I MAVLIFTEF	110	793
>TSHR-D633I MAVLIFTDFI	1122	>TSHR-D633I MAVLIFTEFI	449	673
>TSHR-D633I MAVLIFTDF	406	>TSHR-D633I MAVLIFTEF	113	293
>TSHR-D633I RMAVLIFTDF	30	>TSHR-D633I RMAVLIFTEFI	23	7
>TSHR-D633I RMAVLIFTDF	5	>TSHR-D633I RMAVLIFTEFI	5	0
>TSHR-D633I RMAVLIFTDF	15	>TSHR-D633I RMAVLIFTEFI	13	2
>TSHR-D633I RMAVLIFTDF	53	>TSHR-D633I RMAVLIFTEFI	43	10
>TSHR-D633I RMAVLIFTDF	8	>TSHR-D633I RMAVLIFTEFI	6	2
>TSHR-D633I RMAVLIFTDF	25	>TSHR-D633I RMAVLIFTEFI	29	4
>TSHR-D633I RMAVLIFTDF	16	>TSHR-D633I RMAVLIFTEFI	16	0
>TSHR-D633I RMAVLIFTDF	19	>TSHR-D633I RMAVLIFTEFI	13	6
>TSHR-D633I RMAVLIFTDF	89	>TSHR-D633I RMAVLIFTEFI	41	48
>TSHR-D633I RMAVLIFTDF	653	>TSHR-D633I RMAVLIFTEFI	393	260
>TSHR-D633I RMAVLIFTDF	185	>TSHR-D633I RMAVLIFTEF	42	143
>TSHR-D633I RMAVLIFTD	1191	>TSHR-D633I RMAVLIFTE	426	765
>TSHR-D633I RMAVLIFTDF	22	>TSHR-D633I RMAVLIFTEF	22	0
>TSHR-D633I RMAVLIFTDF	69	>TSHR-D633I RMAVLIFTEFI	47	22
>TSHR-D633I RMAVLIFTDF	45	>TSHR-D633I RMAVLIFTEF	33	12
>TSHR-D633I RMAVLIFTDF	8	>TSHR-D633I RMAVLIFTEF	6	2
>TSHR-D633I RMAVLIFTDF	498	>TSHR-D633I RMAVLIFTEFI	280	218
>TSHR-D633I RMAVLIFTDF	337	>TSHR-D633I RMAVLIFTEF	91	246
>TSHR-D633I RMAVLIFTDF	106	>TSHR-D633I RMAVLIFTEF	30	76
>TSHR-D633I RMAVLIFTDF	97	>TSHR-D633I RMAVLIFTEFI	54	43
>TSHR-D633I RMAVLIFTDF	253	>TSHR-D633I RMAVLIFTEF	158	95
>TSHR-D633I RMAVLIFTDF	347	>TSHR-D633I RMAVLIFTEFI	368	21
>TSHR-D633I RMAVLIFTDF	520	>TSHR-D633I RMAVLIFTEF	403	117
>TSHR-D633I RMAVLIFTDF	146	>TSHR-D633I RMAVLIFTEFI	125	21
>TSHR-D633I KRMAVLIFTD	14	>TSHR-D633I KRMAVLIFTE	8	6
>TSHR-D633I KRMAVLIFTD	902	>TSHR-D633I KRMAVLIFTE	462	440
>TSHR-D633I KRMAVLIFTD	38	>TSHR-D633I KRMAVLIFTE	21	17
>TSHR-D633I KRMAVLIFTD	499	>TSHR-D633I KRMAVLIFTE	479	20

>TSHR-D633IKRMAVLIFTD	45	>TSHR-D633IKRMAVLIFTE	36	9
>TSHR-D633IKRMAVLIFTD	28	>TSHR-D633IKRMAVLIFTE	12	16
>TSHR-D633IDFICMAPI	1873	>TSHR-D633IDFICMAPI	453	1420
>TSHR-D633IDFICMAPI	1779	>TSHR-D633IDFICMAPI	299	1480
>TSHR-D633IDFICMAPISF	269	>TSHR-D633IDFICMAPISF	431	162
>TSHR-D633IDFICMAPISF	1214	>TSHR-D633IDFICMAPISF	28	1186
>TSHR-D633IDFICMAPISF\	19	>TSHR-D633IDFICMAPISF\	41	22
>TSHR-D633IDFICMAPISF\	149	>TSHR-D633IDFICMAPISF\	256	107
>TSHR-D633IDFICMAPISF	487	>TSHR-D633IDFICMAPISF	236	251
>TSHR-D633IDFICMAPISF\	18	>TSHR-D633IDFICMAPISF\	9	9
>TSHR-D633IDFICMAPISF\	946	>TSHR-D633IDFICMAPISF\	313	633
>TSHR-D633IDFICMAPISF\	430	>TSHR-D633IDFICMAPISF\	475	45
>TSHR-D633IDFICMAPISF\	3592	>TSHR-D633IDFICMAPISF\	89	3503
>TSHR-D633IDFICMAPISF\	2264	>TSHR-D633IDFICMAPISF\	464	1800
>TSHR-D633IDFICMAPISF\	1502	>TSHR-D633IDFICMAPISF\	410	1092
>TSHR-D633IDFICMAPISF\	2529	>TSHR-D633IDFICMAPISF\	339	2190
>TSHR-D633IDFICMAPISF\	1637	>TSHR-D633IDFICMAPISF\	259	1378
>TSHR-D633IDFICMAPI	2276	>TSHR-D633IDFICMAPI	239	2037
>TSHR-D633IDFICMAPI	103	>TSHR-D633IDFICMAPI	310	207
>TSHR-D633IDFICMAPI	127	>TSHR-D633IDFICMAPI	1168	1041
>TSHR-D633IDFICMAPISF	391	>TSHR-D633IDFICMAPISF	24	367
>TSHR-D633IDFICMAPI	9398	>TSHR-D633IDFICMAPI	65	9333
>TSHR-D633IDFICMAPISF	13354	>TSHR-D633IDFICMAPISF	127	13227
>TSHR-D633IDFICMAPI	65	>TSHR-D633IDFICMAPI	8380	8315
>TSHR-D633IDFICMAPISF	138	>TSHR-D633IDFICMAPISF	9845	9707
>TSHR-D633IDFICMAPI	76	>TSHR-D633IDFICMAPI	2593	2517
>TSHR-D633IDFICMAPI	425	>TSHR-D633IDFICMAPI	8847	8422
>TSHR-D633IDFICMAPI	27207	>TSHR-D633IDFICMAPI	461	26746
>TSHR-D633IDFICMAPI	101	>TSHR-D633IDFICMAPI	14387	14286
>TSHR-D633IAKRMALVIFT	4470	>TSHR-D633IAKRMALVIFT	135	4335
>TSHR-D633IFTDFICMA	392	>TSHR-D633IFTDFICMA	15143	14751
>TSHR-D633IFTDFICMA	343	>TSHR-D633IFTDFICMA	1225	882
>TSHR-D633IFTDFICMAPI	378	>TSHR-D633IFTDFICMAPI	723	345
>TSHR-D633IFTDFICMA	221	>TSHR-D633IFTDFICMA	220	1
>TSHR-D633IFTDFICMAPI	333	>TSHR-D633IFTDFICMAPI	295	38
>TSHR-D633IFTDFICMA	1277	>TSHR-D633IFTDFICMA	149	1128
>TSHR-D633IFTDFICMAPI	400	>TSHR-D633IFTDFICMAPI	176	224
>TSHR-D633IFTDFICMA	140	>TSHR-D633IFTDFICMA	511	371
>TSHR-D633IFTDFICMAPI	83	>TSHR-D633IFTDFICMAPI	125	42
>TSHR-D633IFTDFICMA	187	>TSHR-D633IFTDFICMA	324	137
>TSHR-D633IFTDFICMAPI	256	>TSHR-D633IFTDFICMAPI	494	238
>TSHR-D633IFTDFICMA	194	>TSHR-D633IFTDFICMA	20	174
>TSHR-D633IFTDFICMAPI	29	>TSHR-D633IFTDFICMAPI	26	3

>TSHR-D633IFTFDICMA	119	>TSHR-D633IFTFDICMA	955	836
>TSHR-D633IFTFDICMAPI	16	>TSHR-D633IFTFDICMAPI	89	73
>TSHR-D633IFTFDICMAPI	185	>TSHR-D633IFTFDICMAPI	75	110
>TSHR-D633IFTFDICMAPI	412	>TSHR-D633IFTFDICMAPI	528	116
>TSHR-D633IFTFDICMAPI	881	>TSHR-D633IFTFDICMAPI	294	587
>TSHR-D633IFTFDICMAPI	94	>TSHR-D633IFTFDICMAPI	76	18
>TSHR-D633IFTFDICMAPI	365	>TSHR-D633IFTFDICMAPI	857	492
>TSHR-D633ILFTDFICM	2137	>TSHR-D633ILFTDFICM	116	2021
>TSHR-D633ILFTDFICM	761	>TSHR-D633ILFTDFICM	479	282
>TSHR-D633ILFTDFICMA	181	>TSHR-D633ILFTDFICMA	300	119
>TSHR-D633ILFTDFICMA	139	>TSHR-D633ILFTDFICMA	132	7
>TSHR-D633ILFTDFICM	319	>TSHR-D633ILFTDFICM	289	30
>TSHR-D633ILFTDFICMA	109	>TSHR-D633ILFTDFICMA	179	70
>TSHR-D633ILFTDFICMA	72	>TSHR-D633ILFTDFICMA	66	6
>TSHR-D633ILFTDFICMA	302	>TSHR-D633ILFTDFICMA	744	442
>TSHR-D633ILFTDFICMA	52	>TSHR-D633ILFTDFICMA	86	34
>TSHR-D633ILFTDFICM	2868	>TSHR-D633ILFTDFICM	128	2740
>TSHR-D633ILFTDFICM	785	>TSHR-D633ILFTDFICM	236	549
>TSHR-D633ILFTDFICM	173	>TSHR-D633ILFTDFICM	99	74
>TSHR-D633ILFTDFI	68	>TSHR-D633ILFTDFI	40	28
>TSHR-D633ILFTDFICM	428	>TSHR-D633ILFTDFICM	539	111
>TSHR-D633ILFTDFICM/	110	>TSHR-D633ILFTDFICM/	153	43
>TSHR-D633ILFTDFI	29	>TSHR-D633ILFTDFI	22	7
>TSHR-D633ILFTDFICM/	168	>TSHR-D633ILFTDFICM/	201	33
>TSHR-D633ILFTDFI	42	>TSHR-D633ILFTDFI	20	22
>TSHR-D633ILFTDFICM/	62	>TSHR-D633ILFTDFICM/	46	16
>TSHR-D633ILFTDFI	161	>TSHR-D633ILFTDFI	140	21
>TSHR-D633ILFTDFICM/	237	>TSHR-D633ILFTDFICM/	379	142
>TSHR-D633ILFTDFI	13	>TSHR-D633ILFTDFI	5	8
>TSHR-D633ILFTDFIC	684	>TSHR-D633ILFTDFIC	219	465
>TSHR-D633ILFTDFICM	677	>TSHR-D633ILFTDFICM	289	388
>TSHR-D633ILFTDFICM/	19	>TSHR-D633ILFTDFICM/	10	9
>TSHR-D633ILFTDFI	11	>TSHR-D633ILFTDFI	9	2
>TSHR-D633ILFTDFIC	195	>TSHR-D633ILFTDFIC	543	348
>TSHR-D633ILFTDFICM	185	>TSHR-D633ILFTDFICM	405	220
>TSHR-D633ILFTDFICM/	56	>TSHR-D633ILFTDFICM/	125	69
>TSHR-D633ILFTDFI	30	>TSHR-D633ILFTDFI	21	9
>TSHR-D633ILFTDFICM/	38	>TSHR-D633ILFTDFICM/	57	19
>TSHR-D633ILFTDFI	78	>TSHR-D633ILFTDFI	30	48
>TSHR-D633ILFTDFI	45	>TSHR-D633ILFTDFI	7	38
>TSHR-D633ILFTDFIC	381	>TSHR-D633ILFTDFIC	142	239
>TSHR-D633ILFTDFICM	567	>TSHR-D633ILFTDFICM	411	156
>TSHR-D633ILFTDFICM/	14	>TSHR-D633ILFTDFICM/	9	5



>TSHR-D633I VLIFTDFI	1908	>TSHR-D633I VLIFTHFI	441	1467
>TSHR-D633I VLIFTDFICM	894	>TSHR-D633I VLIFTHFICM	460	434
>TSHR-D633I VLIFTDFICM	1128	>TSHR-D633I VLIFTHFICM	397	731
>TSHR-D633I AVLIFTDFI	339	>TSHR-D633I AVLIFTHFI	227	112
>TSHR-D633I AVLIFTDFI	530	>TSHR-D633I AVLIFTHFI	100	430
>TSHR-D633I AVLIFTDFI	201	>TSHR-D633I AVLIFTHFI	119	82
>TSHR-D633I AVLIFTDFI	47	>TSHR-D633I AVLIFTHFI	34	13
>TSHR-D633I AVLIFTDFI	98	>TSHR-D633I AVLIFTHFI	21	77
>TSHR-D633I AVLIFTDFI	2291	>TSHR-D633I AVLIFTHFI	347	1944
>TSHR-D633I AVLIFTDFI	264	>TSHR-D633I AVLIFTHFI	70	194
>TSHR-D633I AVLIFTDFI	2375	>TSHR-D633I AVLIFTHFI	192	2183
>TSHR-D633I AVLIFTDFI	5314	>TSHR-D633I AVLIFTHFI	109	5205
>TSHR-D633I AVLIFTDF	865	>TSHR-D633I AVLIFTHF	384	481
>TSHR-D633I AVLIFTDFICM	287	>TSHR-D633I AVLIFTHFICM	225	62
>TSHR-D633I AVLIFTDFI	560	>TSHR-D633I AVLIFTHFI	39	521
>TSHR-D633I AVLIFTDF	63	>TSHR-D633I AVLIFTHF	147	84
>TSHR-D633I AVLIFTDFI	238	>TSHR-D633I AVLIFTHFI	132	106
>TSHR-D633I AVLIFTDFI	552	>TSHR-D633I AVLIFTHFI	233	319
>TSHR-D633I AVLIFTDFI	189	>TSHR-D633I AVLIFTHFI	14	175
>TSHR-D633I AVLIFTDF	3048	>TSHR-D633I AVLIFTHF	472	2576
>TSHR-D633I AVLIFTDF	213	>TSHR-D633I AVLIFTHF	131	82
>TSHR-D633I AVLIFTDF	424	>TSHR-D633I AVLIFTHF	113	311
>TSHR-D633I AVLIFTDFI	1096	>TSHR-D633I AVLIFTHFI	230	866
>TSHR-D633I AVLIFTDFICM	1181	>TSHR-D633I AVLIFTHFICM	446	735
>TSHR-D633I AVLIFTDFI	226	>TSHR-D633I AVLIFTHFI	319	93
>TSHR-D633I MAVLIFTDF	1288	>TSHR-D633I MAVLIFTHF	179	1109
>TSHR-D633I MAVLIFTDFI	190	>TSHR-D633I MAVLIFTHFI	195	5
>TSHR-D633I MAVLIFTDFI	539	>TSHR-D633I MAVLIFTHFI	465	74
>TSHR-D633I MAVLIFTDFI	153	>TSHR-D633I MAVLIFTHFI	168	15
>TSHR-D633I MAVLIFTDF	591	>TSHR-D633I MAVLIFTHF	184	407
>TSHR-D633I MAVLIFTD	5517	>TSHR-D633I MAVLIFTH	301	5216
>TSHR-D633I MAVLIFTDFI	76	>TSHR-D633I MAVLIFTHFI	52	24
>TSHR-D633I MAVLIFTDFI	304	>TSHR-D633I MAVLIFTHFI	52	252
>TSHR-D633I MAVLIFTDF	1622	>TSHR-D633I MAVLIFTHF	144	1478
>TSHR-D633I MAVLIFTDF	57	>TSHR-D633I MAVLIFTHF	41	16
>TSHR-D633I MAVLIFTDF	85	>TSHR-D633I MAVLIFTHF	32	53
>TSHR-D633I MAVLIFTD	3579	>TSHR-D633I MAVLIFTH	93	3486
>TSHR-D633I MAVLIFTDF	48	>TSHR-D633I MAVLIFTHF	57	9
>TSHR-D633I MAVLIFTDF	151	>TSHR-D633I MAVLIFTHF	109	42
>TSHR-D633I MAVLIFTDF	903	>TSHR-D633I MAVLIFTHF	43	860
>TSHR-D633I MAVLIFTDFI	1122	>TSHR-D633I MAVLIFTHFI	158	964
>TSHR-D633I MAVLIFTDFI	1140	>TSHR-D633I MAVLIFTHFI	288	852
>TSHR-D633I MAVLIFTDF	406	>TSHR-D633I MAVLIFTHF	227	179

>TSHR-D633IRMAVLIFDF	587	>TSHR-D633IRMAVLIFTHF	459	128
>TSHR-D633IRMAVLIFDF	30	>TSHR-D633IRMAVLIFTHF	15	15
>TSHR-D633IRMAVLIFDF	5	>TSHR-D633IRMAVLIFTHF	5	0
>TSHR-D633IRMAVLIFDF	15	>TSHR-D633IRMAVLIFTHF	9	6
>TSHR-D633IRMAVLIFDF	53	>TSHR-D633IRMAVLIFTHF	41	12
>TSHR-D633IRMAVLIFDF	8	>TSHR-D633IRMAVLIFTHF	4	4
>TSHR-D633IRMAVLIFDF	25	>TSHR-D633IRMAVLIFTHF	11	14
>TSHR-D633IRMAVLIFDF	16	>TSHR-D633IRMAVLIFTHF	9	7
>TSHR-D633IRMAVLIFDF	19	>TSHR-D633IRMAVLIFTHF	7	12
>TSHR-D633IRMAVLIFDF	89	>TSHR-D633IRMAVLIFTHF	10	79
>TSHR-D633IRMAVLIFD	14567	>TSHR-D633IRMAVLIFTH	240	14327
>TSHR-D633IRMAVLIFDF	1224	>TSHR-D633IRMAVLIFTHF	390	834
>TSHR-D633IRMAVLIFDF	653	>TSHR-D633IRMAVLIFTHF	233	420
>TSHR-D633IRMAVLIFDF	185	>TSHR-D633IRMAVLIFTHF	88	97
>TSHR-D633IRMAVLIFDF	1070	>TSHR-D633IRMAVLIFTHF	480	590
>TSHR-D633IRMAVLIFDF	1533	>TSHR-D633IRMAVLIFTHF	300	1233
>TSHR-D633IRMAVLIFDF	1775	>TSHR-D633IRMAVLIFTHF	379	1396
>TSHR-D633IRMAVLIFD	1191	>TSHR-D633IRMAVLIFTH	47	1144
>TSHR-D633IRMAVLIFDF	1610	>TSHR-D633IRMAVLIFTHF	362	1248
>TSHR-D633IRMAVLIFD	1106	>TSHR-D633IRMAVLIFTH	385	721
>TSHR-D633IRMAVLIFDF	22	>TSHR-D633IRMAVLIFTHF	54	32
>TSHR-D633IRMAVLIFDF	69	>TSHR-D633IRMAVLIFTHF	49	20
>TSHR-D633IRMAVLIFDF	45	>TSHR-D633IRMAVLIFTHF	23	22
>TSHR-D633IRMAVLIFDF	8	>TSHR-D633IRMAVLIFTHF	6	2
>TSHR-D633IRMAVLIFDF	498	>TSHR-D633IRMAVLIFTHF	250	248
>TSHR-D633IRMAVLIFDF	337	>TSHR-D633IRMAVLIFTHF	144	193
>TSHR-D633IRMAVLIFD	8430	>TSHR-D633IRMAVLIFTH	468	7962
>TSHR-D633IRMAVLIFDF	106	>TSHR-D633IRMAVLIFTHF	19	87
>TSHR-D633IRMAVLIFDF	97	>TSHR-D633IRMAVLIFTHF	32	65
>TSHR-D633IRMAVLIFDF	253	>TSHR-D633IRMAVLIFTHF	378	125
>TSHR-D633IRMAVLIFDF	347	>TSHR-D633IRMAVLIFTHF	490	143
>TSHR-D633IRMAVLIFDF	520	>TSHR-D633IRMAVLIFTHF	368	152
>TSHR-D633IRMAVLIFDF	146	>TSHR-D633IRMAVLIFTHF	169	23
>TSHR-D633IKRMAVLIFD	14	>TSHR-D633IKRMAVLIFTH	10	4
>TSHR-D633IKRMAVLIFD	902	>TSHR-D633IKRMAVLIFTH	110	792
>TSHR-D633IKRMAVLIFD	38	>TSHR-D633IKRMAVLIFTH	17	21
>TSHR-D633IKRMAVLIFD	499	>TSHR-D633IKRMAVLIFTH	436	63
>TSHR-D633IKRMAVLIFD	45	>TSHR-D633IKRMAVLIFTH	47	2
>TSHR-D633IKRMAVLIFD	28	>TSHR-D633IKRMAVLIFTH	13	15
>TSHR-D633`DFICMAPI	1873	>TSHR-D633`YFICMAPI	292	1581
>TSHR-D633`DFICMAPI	13759	>TSHR-D633`YFICMAPI	324	13435
>TSHR-D633`DFICMAPI	19006	>TSHR-D633`YFICMAPI	341	18665
>TSHR-D633`DFICMAPI	1779	>TSHR-D633`YFICMAPI	76	1703

>TSHR-D633\DFICMAPISF	269	>TSHR-D633\YFICMAPISF	73	196
>TSHR-D633\DFICMAPI	2733	>TSHR-D633\YFICMAPI	364	2369
>TSHR-D633\DFICMAPISF	686	>TSHR-D633\YFICMAPISF	153	533
>TSHR-D633\DFICMAPI	11496	>TSHR-D633\YFICMAPI	206	11290
>TSHR-D633\DFICMAPISF	1214	>TSHR-D633\YFICMAPISF	10	1204
>TSHR-D633\DFICMAPISF\	19	>TSHR-D633\YFICMAPISFY	20	1
>TSHR-D633\DFICMAPISF\	149	>TSHR-D633\YFICMAPISFY	1024	875
>TSHR-D633\DFICMAPISF	487	>TSHR-D633\YFICMAPISF	104	383
>TSHR-D633\DFICMAPISF\	18	>TSHR-D633\YFICMAPISFY	5	13
>TSHR-D633\DFICMAPISF\	430	>TSHR-D633\YFICMAPISFY	366	64
>TSHR-D633\DFICMAPISF\	3592	>TSHR-D633\YFICMAPISFY	43	3549
>TSHR-D633\DFICMAPISF	11929	>TSHR-D633\YFICMAPISF	308	11621
>TSHR-D633\DFICMAPISF\	11991	>TSHR-D633\YFICMAPISFY	343	11648
>TSHR-D633\DFICMAPISF\	2264	>TSHR-D633\YFICMAPISFY	210	2054
>TSHR-D633\DFICMAPISF	3616	>TSHR-D633\YFICMAPISF	113	3503
>TSHR-D633\DFICMAPISF\	1502	>TSHR-D633\YFICMAPISFY	207	1295
>TSHR-D633\DFICMAPISF	4287	>TSHR-D633\YFICMAPISF	234	4053
>TSHR-D633\DFICMAPISF\	2529	>TSHR-D633\YFICMAPISFY	47	2482
>TSHR-D633\DFICMAPISF\	1637	>TSHR-D633\YFICMAPISFY	481	1156
>TSHR-D633\TDFICMAPI	2276	>TSHR-D633\TYFICMAPI	158	2118
>TSHR-D633\TDFICMAPI	28476	>TSHR-D633\TYFICMAPI	51	28425
>TSHR-D633\TDFICMAPI	103	>TSHR-D633\TYFICMAPI	740	637
>TSHR-D633\TDFICMAPI	17372	>TSHR-D633\TYFICMAPI	79	17293
>TSHR-D633\TDFICMAPISF	6649	>TSHR-D633\TYFICMAPISF	18	6631
>TSHR-D633\TDFICMAPI	25198	>TSHR-D633\TYFICMAPI	247	24951
>TSHR-D633\TDFICMAPISF	17646	>TSHR-D633\TYFICMAPISF	105	17541
>TSHR-D633\TDFICMAPI	24408	>TSHR-D633\TYFICMAPI	70	24338
>TSHR-D633\TDFICMAPISF	20443	>TSHR-D633\TYFICMAPISF	9	20434
>TSHR-D633\TDFICMAPI	127	>TSHR-D633\TYFICMAPI	76	51
>TSHR-D633\TDFICMAPISF	391	>TSHR-D633\TYFICMAPISF	191	200
>TSHR-D633\TDFICMAPI	65	>TSHR-D633\TYFICMAPI	17456	17391
>TSHR-D633\TDFICMAPISF	138	>TSHR-D633\TYFICMAPISF	17861	17723
>TSHR-D633\TDFICMAPI	76	>TSHR-D633\TYFICMAPI	9364	9288
>TSHR-D633\TDFICMAPI	425	>TSHR-D633\TYFICMAPI	9446	9021
>TSHR-D633\TDFICMAPI	101	>TSHR-D633\TYFICMAPI	19460	19359
>TSHR-D633\AKRMAVLIFT	4470	>TSHR-D633\AKRMAVLIFT	5	4465
>TSHR-D633\FTDFICMAPI	3400	>TSHR-D633\FTYFICMAPI	243	3157
>TSHR-D633\FTDFICMA	392	>TSHR-D633\FTYFICMA	15435	15043
>TSHR-D633\FTDFICMA	343	>TSHR-D633\FTYFICMA	102	241
>TSHR-D633\FTDFICMAPI	378	>TSHR-D633\FTYFICMAPI	129	249
>TSHR-D633\FTDFICMA	221	>TSHR-D633\FTYFICMA	55	166
>TSHR-D633\FTDFICMAPI	333	>TSHR-D633\FTYFICMAPI	72	261
>TSHR-D633\FTDFICMA	1277	>TSHR-D633\FTYFICMA	30	1247

>TSHR-D633\FTDFICMAPI	400	>TSHR-D633\FTYFICMAPI	56	344
>TSHR-D633\FTDFICMA	140	>TSHR-D633\FTYFICMA	56	84
>TSHR-D633\FTDFICMAPI	83	>TSHR-D633\FTYFICMAPI	43	40
>TSHR-D633\FTDFICMA	187	>TSHR-D633\FTYFICMA	42	145
>TSHR-D633\FTDFICMAPI	256	>TSHR-D633\FTYFICMAPI	42	214
>TSHR-D633\FTDFICMAPI	654	>TSHR-D633\FTYFICMAPI	317	337
>TSHR-D633\FTDFICMA	767	>TSHR-D633\FTYFICMA	243	524
>TSHR-D633\FTDFICMAPI	1296	>TSHR-D633\FTYFICMAPI	115	1181
>TSHR-D633\FTDFICMA	7660	>TSHR-D633\FTYFICMA	368	7292
>TSHR-D633\FTDFICMAPI	8585	>TSHR-D633\FTYFICMAPIS	450	8135
>TSHR-D633\FTDFICMA	194	>TSHR-D633\FTYFICMA	16	178
>TSHR-D633\FTDFICMAPI	29	>TSHR-D633\FTYFICMAPI	9	20
>TSHR-D633\FTDFICMA	119	>TSHR-D633\FTYFICMA	48	71
>TSHR-D633\FTDFICMAPI	16	>TSHR-D633\FTYFICMAPI	9	7
>TSHR-D633\FTDFICMAPI	12808	>TSHR-D633\FTYFICMAPI	343	12465
>TSHR-D633\FTDFICMAPI	185	>TSHR-D633\FTYFICMAPI	18	167
>TSHR-D633\FTDFICMAPI	412	>TSHR-D633\FTYFICMAPI	212	200
>TSHR-D633\FTDFICMAPI	881	>TSHR-D633\FTYFICMAPI	136	745
>TSHR-D633\FTDFICMAPI	2544	>TSHR-D633\FTYFICMAPIS	334	2210
>TSHR-D633\FTDFICMAPI	94	>TSHR-D633\FTYFICMAPI	47	47
>TSHR-D633\IFTDFICMAPI	365	>TSHR-D633\IFTYFICMAPI	801	436
>TSHR-D633\LIFTDFIC	15875	>TSHR-D633\LIFTYFIC	334	15541
>TSHR-D633\LIFTDFICM	2137	>TSHR-D633\LIFTYFICM	82	2055
>TSHR-D633\LIFTDFICM	761	>TSHR-D633\LIFTYFICM	128	633
>TSHR-D633\LIFTDFICMA	181	>TSHR-D633\LIFTYFICMA	213	32
>TSHR-D633\LIFTDFICMA	139	>TSHR-D633\LIFTYFICMA	115	24
>TSHR-D633\LIFTDFICM	319	>TSHR-D633\LIFTYFICM	245	74
>TSHR-D633\LIFTDFICMA	109	>TSHR-D633\LIFTYFICMA	143	34
>TSHR-D633\LIFTDFICMA	72	>TSHR-D633\LIFTYFICMA	37	35
>TSHR-D633\LIFTDFICMA	302	>TSHR-D633\LIFTYFICMA	445	143
>TSHR-D633\LIFTDFICMA	52	>TSHR-D633\LIFTYFICMA	58	6
>TSHR-D633\LIFTDFICM	2868	>TSHR-D633\LIFTYFICM	361	2507
>TSHR-D633\LIFTDFICM	785	>TSHR-D633\LIFTYFICM	302	483
>TSHR-D633\LIFTDFICM	173	>TSHR-D633\LIFTYFICM	42	131
>TSHR-D633\VLIFTDFI	68	>TSHR-D633\VLIFTYFI	22	46
>TSHR-D633\VLIFTDFICM	428	>TSHR-D633\VLIFTYFICM	289	139
>TSHR-D633\VLIFTDFICMA	110	>TSHR-D633\VLIFTYFICMA	88	22
>TSHR-D633\VLIFTDFI	29	>TSHR-D633\VLIFTYFI	15	14
>TSHR-D633\VLIFTDFICM	795	>TSHR-D633\VLIFTYFICM	398	397
>TSHR-D633\VLIFTDFICMA	168	>TSHR-D633\VLIFTYFICMA	146	22
>TSHR-D633\VLIFTDFI	42	>TSHR-D633\VLIFTYFI	19	23
>TSHR-D633\VLIFTDFICMA	62	>TSHR-D633\VLIFTYFICMA	31	31
>TSHR-D633\VLIFTDFI	161	>TSHR-D633\VLIFTYFI	118	43

>TSHR-D633\VLIFTDFICM/	237	>TSHR-D633\VLIFTYFICMA	316	79
>TSHR-D633\VLIFTDFI	13	>TSHR-D633\VLIFTYFI	5	8
>TSHR-D633\VLIFTDFIC	684	>TSHR-D633\VLIFTYFIC	219	465
>TSHR-D633\VLIFTDFICM	677	>TSHR-D633\VLIFTYFICM	205	472
>TSHR-D633\VLIFTDFICM/	19	>TSHR-D633\VLIFTYFICMA	11	8
>TSHR-D633\VLIFTDFI	11	>TSHR-D633\VLIFTYFI	6	5
>TSHR-D633\VLIFTDFIC	195	>TSHR-D633\VLIFTYFIC	243	48
>TSHR-D633\VLIFTDFICM	185	>TSHR-D633\VLIFTYFICM	225	40
>TSHR-D633\VLIFTDFICM/	56	>TSHR-D633\VLIFTYFICMA	89	33
>TSHR-D633\VLIFTDFI	30	>TSHR-D633\VLIFTYFI	20	10
>TSHR-D633\VLIFTDFICM/	38	>TSHR-D633\VLIFTYFICMA	46	8
>TSHR-D633\VLIFTDFI	78	>TSHR-D633\VLIFTYFI	22	56
>TSHR-D633\VLIFTDFI	45	>TSHR-D633\VLIFTYFI	13	32
>TSHR-D633\VLIFTDFIC	381	>TSHR-D633\VLIFTYFIC	129	252
>TSHR-D633\VLIFTDFICM	567	>TSHR-D633\VLIFTYFICM	291	276
>TSHR-D633\VLIFTDFICM/	14	>TSHR-D633\VLIFTYFICMA	10	4
>TSHR-D633\VLIFTDFI	1908	>TSHR-D633\VLIFTYFI	219	1689
>TSHR-D633\VLIFTDFI	1763	>TSHR-D633\VLIFTYFI	498	1265
>TSHR-D633\VLIFTDFI	1458	>TSHR-D633\VLIFTYFI	492	966
>TSHR-D633\VLIFTDFICM	1128	>TSHR-D633\VLIFTYFICM	253	875
>TSHR-D633\AVLIFTDFICM	1195	>TSHR-D633\AVLIFTYFICM	481	714
>TSHR-D633\AVLIFTDFI	339	>TSHR-D633\AVLIFTYFI	386	47
>TSHR-D633\AVLIFTDFI	530	>TSHR-D633\AVLIFTYFI	43	487
>TSHR-D633\AVLIFTDFI	201	>TSHR-D633\AVLIFTYFI	61	140
>TSHR-D633\AVLIFTDF	2120	>TSHR-D633\AVLIFTYF	404	1716
>TSHR-D633\AVLIFTDFI	47	>TSHR-D633\AVLIFTYFI	41	6
>TSHR-D633\AVLIFTDFI	98	>TSHR-D633\AVLIFTYFI	19	79
>TSHR-D633\AVLIFTDFI	2291	>TSHR-D633\AVLIFTYFI	176	2115
>TSHR-D633\AVLIFTDFI	264	>TSHR-D633\AVLIFTYFI	99	165
>TSHR-D633\AVLIFTDFI	2375	>TSHR-D633\AVLIFTYFI	172	2203
>TSHR-D633\AVLIFTDF	865	>TSHR-D633\AVLIFTYF	225	640
>TSHR-D633\AVLIFTDFICM	287	>TSHR-D633\AVLIFTYFICM	409	122
>TSHR-D633\AVLIFTDF	2707	>TSHR-D633\AVLIFTYF	465	2242
>TSHR-D633\AVLIFTDFI	560	>TSHR-D633\AVLIFTYFI	53	507
>TSHR-D633\AVLIFTDF	63	>TSHR-D633\AVLIFTYF	142	79
>TSHR-D633\AVLIFTDFI	238	>TSHR-D633\AVLIFTYFI	32	206
>TSHR-D633\AVLIFTDFI	552	>TSHR-D633\AVLIFTYFI	98	454
>TSHR-D633\AVLIFTDFI	189	>TSHR-D633\AVLIFTYFI	35	154
>TSHR-D633\AVLIFTDF	213	>TSHR-D633\AVLIFTYF	115	98
>TSHR-D633\AVLIFTDF	424	>TSHR-D633\AVLIFTYF	107	317
>TSHR-D633\AVLIFTDFI	1096	>TSHR-D633\AVLIFTYFI	232	864
>TSHR-D633\AVLIFTDFI	226	>TSHR-D633\AVLIFTYFI	267	41
>TSHR-D633\MAVLIFTDF	1288	>TSHR-D633\MAVLIFTYF	345	943

>TSHR-D633\MAVLIFTDFI	190	>TSHR-D633\MAVLIFTYFI	233	43
>TSHR-D633\MAVLIFTDFI	1462	>TSHR-D633\MAVLIFTYFI	313	1149
>TSHR-D633\MAVLIFTDFI	539	>TSHR-D633\MAVLIFTYFI	222	317
>TSHR-D633\MAVLIFTDF	2217	>TSHR-D633\MAVLIFTYF	332	1885
>TSHR-D633\MAVLIFTDFI	153	>TSHR-D633\MAVLIFTYFI	79	74
>TSHR-D633\MAVLIFTDF	591	>TSHR-D633\MAVLIFTYF	461	130
>TSHR-D633\MAVLIFTD	21655	>TSHR-D633\MAVLIFTY	29	21626
>TSHR-D633\MAVLIFTD	32292	>TSHR-D633\MAVLIFTY	253	32039
>TSHR-D633\MAVLIFTD	5517	>TSHR-D633\MAVLIFTY	42	5475
>TSHR-D633\MAVLIFTDF	3386	>TSHR-D633\MAVLIFTYF	303	3083
>TSHR-D633\MAVLIFTDF	3847	>TSHR-D633\MAVLIFTYF	392	3455
>TSHR-D633\MAVLIFTDFI	76	>TSHR-D633\MAVLIFTYFI	54	22
>TSHR-D633\MAVLIFTDFI	304	>TSHR-D633\MAVLIFTYFI	65	239
>TSHR-D633\MAVLIFTD	20841	>TSHR-D633\MAVLIFTY	457	20384
>TSHR-D633\MAVLIFTD	26026	>TSHR-D633\MAVLIFTY	289	25737
>TSHR-D633\MAVLIFTDF	57	>TSHR-D633\MAVLIFTYF	38	19
>TSHR-D633\MAVLIFTD	13350	>TSHR-D633\MAVLIFTY	9	13341
>TSHR-D633\MAVLIFTDF	85	>TSHR-D633\MAVLIFTYF	25	60
>TSHR-D633\MAVLIFTD	3579	>TSHR-D633\MAVLIFTY	10	3569
>TSHR-D633\MAVLIFTDF	48	>TSHR-D633\MAVLIFTYF	42	6
>TSHR-D633\MAVLIFTD	12235	>TSHR-D633\MAVLIFTY	36	12199
>TSHR-D633\MAVLIFTDF	151	>TSHR-D633\MAVLIFTYF	80	71
>TSHR-D633\MAVLIFTDFIC	880	>TSHR-D633\MAVLIFTYFIC	369	511
>TSHR-D633\MAVLIFTD	14313	>TSHR-D633\MAVLIFTY	74	14239
>TSHR-D633\MAVLIFTDF	903	>TSHR-D633\MAVLIFTYF	33	870
>TSHR-D633\MAVLIFTDFI	1122	>TSHR-D633\MAVLIFTYFI	246	876
>TSHR-D633\MAVLIFTDF	2600	>TSHR-D633\MAVLIFTYF	306	2294
>TSHR-D633\MAVLIFTDFI	1140	>TSHR-D633\MAVLIFTYFI	211	929
>TSHR-D633\MAVLIFTDF	406	>TSHR-D633\MAVLIFTYF	62	344
>TSHR-D633\MAVLIFTD	30980	>TSHR-D633\MAVLIFTY	74	30906
>TSHR-D633\MAVLIFTD	14907	>TSHR-D633\MAVLIFTY	280	14627
>TSHR-D633\MAVLIFTDF	1259	>TSHR-D633\MAVLIFTYF	337	922
>TSHR-D633\RMAVLIFTDF	3210	>TSHR-D633\RMAVLIFTYF	461	2749
>TSHR-D633\RMAVLIFTDF	30	>TSHR-D633\RMAVLIFTYFI	11	19
>TSHR-D633\RMAVLIFTDF	5	>TSHR-D633\RMAVLIFTYFI	4	1
>TSHR-D633\RMAVLIFTDF	15	>TSHR-D633\RMAVLIFTYFI	11	4
>TSHR-D633\RMAVLIFTDF	53	>TSHR-D633\RMAVLIFTYFI	46	7
>TSHR-D633\RMAVLIFTDF	4546	>TSHR-D633\RMAVLIFTYF	288	4258
>TSHR-D633\RMAVLIFTDF	8	>TSHR-D633\RMAVLIFTYFI	4	4
>TSHR-D633\RMAVLIFTDF	25	>TSHR-D633\RMAVLIFTYFI	8	17
>TSHR-D633\RMAVLIFTDF	16	>TSHR-D633\RMAVLIFTYFI	11	5
>TSHR-D633\RMAVLIFTDF	19	>TSHR-D633\RMAVLIFTYFI	7	12
>TSHR-D633\RMAVLIFTDF	89	>TSHR-D633\RMAVLIFTYFI	25	64

>TSHR-D633`RMAVLIFTD	14567	>TSHR-D633`RMAVLIFTY	74	14493
>TSHR-D633`RMAVLIFTD	16463	>TSHR-D633`RMAVLIFTY	118	16345
>TSHR-D633`RMAVLIFTDf	1224	>TSHR-D633`RMAVLIFTYf	380	844
>TSHR-D633`RMAVLIFTDf	653	>TSHR-D633`RMAVLIFTYf	199	454
>TSHR-D633`RMAVLIFTDf	185	>TSHR-D633`RMAVLIFTYf	53	132
>TSHR-D633`RMAVLIFTD	19620	>TSHR-D633`RMAVLIFTY	14	19606
>TSHR-D633`RMAVLIFTDf	1070	>TSHR-D633`RMAVLIFTYf	164	906
>TSHR-D633`RMAVLIFTDf	1533	>TSHR-D633`RMAVLIFTYf	369	1164
>TSHR-D633`RMAVLIFTD	10917	>TSHR-D633`RMAVLIFTY	8	10909
>TSHR-D633`RMAVLIFTD	1191	>TSHR-D633`RMAVLIFTY	101	1090
>TSHR-D633`RMAVLIFTDf	1610	>TSHR-D633`RMAVLIFTYf	195	1415
>TSHR-D633`RMAVLIFTD	1106	>TSHR-D633`RMAVLIFTY	32	1074
>TSHR-D633`RMAVLIFTDf	22	>TSHR-D633`RMAVLIFTYf	55	33
>TSHR-D633`RMAVLIFTDf	69	>TSHR-D633`RMAVLIFTYf	22	47
>TSHR-D633`RMAVLIFTD	21298	>TSHR-D633`RMAVLIFTY	10	21288
>TSHR-D633`RMAVLIFTD	10294	>TSHR-D633`RMAVLIFTY	45	10249
>TSHR-D633`RMAVLIFTDf	45	>TSHR-D633`RMAVLIFTYf	30	15
>TSHR-D633`RMAVLIFTD	12677	>TSHR-D633`RMAVLIFTY	18	12659
>TSHR-D633`RMAVLIFTDf	8	>TSHR-D633`RMAVLIFTYf	6	2
>TSHR-D633`RMAVLIFTDf	498	>TSHR-D633`RMAVLIFTYf	190	308
>TSHR-D633`RMAVLIFTD	15571	>TSHR-D633`RMAVLIFTY	20	15551
>TSHR-D633`RMAVLIFTDf	337	>TSHR-D633`RMAVLIFTYf	123	214
>TSHR-D633`RMAVLIFTD	23425	>TSHR-D633`RMAVLIFTY	344	23081
>TSHR-D633`RMAVLIFTD	8430	>TSHR-D633`RMAVLIFTY	16	8414
>TSHR-D633`RMAVLIFTDf	106	>TSHR-D633`RMAVLIFTYf	16	90
>TSHR-D633`RMAVLIFTDf	97	>TSHR-D633`RMAVLIFTYf	40	57
>TSHR-D633`RMAVLIFTDf	253	>TSHR-D633`RMAVLIFTYf	82	171
>TSHR-D633`RMAVLIFTDf	347	>TSHR-D633`RMAVLIFTYf	411	64
>TSHR-D633`RMAVLIFTD	28018	>TSHR-D633`RMAVLIFTY	64	27954
>TSHR-D633`RMAVLIFTD	29783	>TSHR-D633`RMAVLIFTY	48	29735
>TSHR-D633`RMAVLIFTDf	520	>TSHR-D633`RMAVLIFTYf	202	318
>TSHR-D633`RMAVLIFTDf	146	>TSHR-D633`RMAVLIFTYf	141	5
>TSHR-D633`KRM AVLIFTD	31635	>TSHR-D633`KRM AVLIFTY	432	31203
>TSHR-D633`KRM AVLIFTD	25796	>TSHR-D633`KRM AVLIFTY	58	25738
>TSHR-D633`KRM AVLIFTD	12297	>TSHR-D633`KRM AVLIFTY	32	12265
>TSHR-D633`KRM AVLIFTD	14	>TSHR-D633`KRM AVLIFTY	9	5
>TSHR-D633`KRM AVLIFTD	902	>TSHR-D633`KRM AVLIFTY	15	887
>TSHR-D633`KRM AVLIFTD	38	>TSHR-D633`KRM AVLIFTY	22	16
>TSHR-D633`KRM AVLIFTD	499	>TSHR-D633`KRM AVLIFTY	487	12
>TSHR-D633`KRM AVLIFTD	45	>TSHR-D633`KRM AVLIFTY	42	3
>TSHR-D633`KRM AVLIFTD	28	>TSHR-D633`KRM AVLIFTY	14	14
>TSHR-E339`EKSKFQDTH	3092	>TSHR-E339`KKSKFQDTH	391	2701
>TSHR-E339`KEKSKFQDTH	6178	>TSHR-E339`KKKSKFQDTH	283	5895

>TSHR-E339K KEKSKFQDT	280	>TSHR-E339K KKKSKFQDT	31966	31686
>TSHR-E339K YKEKSKFQDT	3758	>TSHR-E339K YKKKSKFQDT	181	3577
>TSHR-E339K GYKEKSKF	470	>TSHR-E339K GYKKKSKF	375	95
>TSHR-E339K GYKEKSKF	23	>TSHR-E339K GYKKKSKF	21	2
>TSHR-E339K VGYKEKSKF	1192	>TSHR-E339K VGYKKKSKF	153	1039
>TSHR-E339K VGYKEKSKF	281	>TSHR-E339K VGYKKKSKF	610	329
>TSHR-E339K VGYKEKSKF	328	>TSHR-E339K VGYKKKSKF	140	188
>TSHR-E339K VGYKEKSKF	57	>TSHR-E339K VGYKKKSKF	51	6
>TSHR-E339K SIVGYKEKSK	315	>TSHR-E339K SIVGYKKKSK	133	182
>TSHR-E339K SIVGYKEK	91	>TSHR-E339K SIVGYKKK	125	34
>TSHR-E339K SIVGYKEKSK	178	>TSHR-E339K SIVGYKKKSK	158	20
>TSHR-E339K SIVGYKEKSKF	159	>TSHR-E339K SIVGYKKKSKF	306	147
>TSHR-E339K SIVGYKEK	482	>TSHR-E339K SIVGYKKK	878	396
>TSHR-E339K SIVGYKEKSKF	155	>TSHR-E339K SIVGYKKKSKF	175	20
>TSHR-E339K DSIVGYKE	9279	>TSHR-E339K DSIVGYKK	67	9212
>TSHR-E339K DSIVGYKEK	245	>TSHR-E339K DSIVGYKKK	416	171
>TSHR-E339K DSIVGYKEKSI	324	>TSHR-E339K DSIVGYKKKSI	415	91
>TSHR-F631C FTDFICMA	392	>TSHR-F631C CTDFICMA	537	145
>TSHR-F631C FTDFICMA	343	>TSHR-F631C CTDFICMA	9320	8977
>TSHR-F631C FTDFICMAPI	378	>TSHR-F631C CTDFICMAPI	4651	4273
>TSHR-F631C FTDFICMA	221	>TSHR-F631C CTDFICMA	5429	5208
>TSHR-F631C FTDFICMAPI	333	>TSHR-F631C CTDFICMAPI	2788	2455
>TSHR-F631C FTDFICMAPI	400	>TSHR-F631C CTDFICMAPI	3416	3016
>TSHR-F631C FTDFICMA	140	>TSHR-F631C CTDFICMA	7962	7822
>TSHR-F631C FTDFICMAPI	83	>TSHR-F631C CTDFICMAPI	1043	960
>TSHR-F631C FTDFICMA	187	>TSHR-F631C CTDFICMA	5151	4964
>TSHR-F631C FTDFICMAPI	256	>TSHR-F631C CTDFICMAPI	9216	8960
>TSHR-F631C FTDFICMA	194	>TSHR-F631C CTDFICMA	1266	1072
>TSHR-F631C FTDFICMAPI	29	>TSHR-F631C CTDFICMAPI	42	13
>TSHR-F631C FTDFICMA	119	>TSHR-F631C CTDFICMA	2979	2860
>TSHR-F631C FTDFICMAPI	16	>TSHR-F631C CTDFICMAPI	387	371
>TSHR-F631C FTDFICMAPI	185	>TSHR-F631C CTDFICMAPI	941	756
>TSHR-F631C FTDFICMAPI	412	>TSHR-F631C CTDFICMAPI	1103	691
>TSHR-F631C FTDFICMAPI	94	>TSHR-F631C CTDFICMAPI	81	13
>TSHR-F631C IFTDFICMAPI	365	>TSHR-F631C ICTDFICMAPI	1034	669
>TSHR-F631C KIAKRMAVLII	154	>TSHR-F631C KIAKRMAVLII	8630	8476
>TSHR-F631C KIAKRMAVLII	166	>TSHR-F631C KIAKRMAVLII	15873	15707
>TSHR-F631C KIAKRMAVLII	110	>TSHR-F631C KIAKRMAVLII	17427	17317
>TSHR-F631C KIAKRMAVLII	148	>TSHR-F631C KIAKRMAVLII	21897	21749
>TSHR-F631C KIAKRMAVLII	88	>TSHR-F631C KIAKRMAVLII	9986	9898
>TSHR-F631C LIFTDFICMA	181	>TSHR-F631C LICTDFICMA	645	464
>TSHR-F631C LIFTDFICMA	139	>TSHR-F631C LICTDFICMA	433	294
>TSHR-F631C LIFTDFICM	319	>TSHR-F631C LICTDFICM	1611	1292



>TSHR-F631C LIFTDFICMA	109	>TSHR-F631C LICTDFICMA	177	68
>TSHR-F631C LIFTDFICMA	72	>TSHR-F631C LICTDFICMA	535	463
>TSHR-F631C LIFTDFICMA	302	>TSHR-F631C LICTDFICMA	5889	5587
>TSHR-F631C LIFTDFICMA	52	>TSHR-F631C LICTDFICMA	294	242
>TSHR-F631C LIFTDFICM	3450	>TSHR-F631C LICTDFICM	388	3062
>TSHR-F631C LIFTDFICM	173	>TSHR-F631C LICTDFICM	2954	2781
>TSHR-F631C VLIFTDFI	68	>TSHR-F631C VLICTDFI	42	26
>TSHR-F631C VLIFTDFICM	428	>TSHR-F631C VLICTDFICM	304	124
>TSHR-F631C VLIFTDFICM/	110	>TSHR-F631C VLICTDFICM/	66	44
>TSHR-F631C VLIFTDFI	29	>TSHR-F631C VLICTDFI	25	4
>TSHR-F631C VLIFTDFICM/	168	>TSHR-F631C VLICTDFICM/	147	21
>TSHR-F631C VLIFTDFI	42	>TSHR-F631C VLICTDFI	34	8
>TSHR-F631C VLIFTDFICM/	62	>TSHR-F631C VLICTDFICM/	49	13
>TSHR-F631C VLIFTDFI	161	>TSHR-F631C VLICTDFI	76	85
>TSHR-F631C VLIFTDFICM	862	>TSHR-F631C VLICTDFICM	489	373
>TSHR-F631C VLIFTDFICM/	237	>TSHR-F631C VLICTDFICM/	109	128
>TSHR-F631C VLIFTDFI	13	>TSHR-F631C VLICTDFI	11	2
>TSHR-F631C VLIFTDFIC	684	>TSHR-F631C VLICTDFIC	353	331
>TSHR-F631C VLIFTDFICM	677	>TSHR-F631C VLICTDFICM	373	304
>TSHR-F631C VLIFTDFICM/	19	>TSHR-F631C VLICTDFICM/	12	7
>TSHR-F631C VLIFTDFI	11	>TSHR-F631C VLICTDFI	5	6
>TSHR-F631C VLIFTDFIC	195	>TSHR-F631C VLICTDFIC	39	156
>TSHR-F631C VLIFTDFICM	185	>TSHR-F631C VLICTDFICM	44	141
>TSHR-F631C VLIFTDFICM/	56	>TSHR-F631C VLICTDFICM/	15	41
>TSHR-F631C VLIFTDFI	30	>TSHR-F631C VLICTDFI	36	6
>TSHR-F631C VLIFTDFICM/	38	>TSHR-F631C VLICTDFICM/	42	4
>TSHR-F631C VLIFTDFI	78	>TSHR-F631C VLICTDFI	129	51
>TSHR-F631C VLIFTDFI	45	>TSHR-F631C VLICTDFI	77	32
>TSHR-F631C VLIFTDFIC	381	>TSHR-F631C VLICTDFIC	751	370
>TSHR-F631C VLIFTDFICM/	14	>TSHR-F631C VLICTDFICM/	19	5
>TSHR-F631C VLIFTDFICM	1533	>TSHR-F631C VLICTDFICM	453	1080
>TSHR-F631C AVLIFTDFI	339	>TSHR-F631C AVLICTDFI	669	330
>TSHR-F631C AVLIFTDFI	530	>TSHR-F631C AVLICTDFI	480	50
>TSHR-F631C AVLIFTDFI	201	>TSHR-F631C AVLICTDFI	274	73
>TSHR-F631C AVLIFTDFI	47	>TSHR-F631C AVLICTDFI	37	10
>TSHR-F631C AVLIFTDFI	98	>TSHR-F631C AVLICTDFI	892	794
>TSHR-F631C AVLIFTDFI	264	>TSHR-F631C AVLICTDFI	568	304
>TSHR-F631C AVLIFTDFICM	287	>TSHR-F631C AVLICTDFICM	345	58
>TSHR-F631C AVLIFTDF	63	>TSHR-F631C AVLICTDF	338	275
>TSHR-F631C AVLIFTDFI	238	>TSHR-F631C AVLICTDFI	2360	2122
>TSHR-F631C AVLIFTDFI	189	>TSHR-F631C AVLICTDFI	3312	3123
>TSHR-F631C AVLIFTDF	213	>TSHR-F631C AVLICTDF	447	234
>TSHR-F631C AVLIFTDF	424	>TSHR-F631C AVLICTDF	341	83

>TSHR-F631C AVLIFTDFI	226	>TSHR-F631C AVLICTDFI	329	103
>TSHR-F631C MAVLIFTDFI	190	>TSHR-F631C MAVLICTDFI	192	2
>TSHR-F631C MAVLIFTDFI	153	>TSHR-F631C MAVLICTDFI	194	41
>TSHR-F631C MAVLIFTDFI	76	>TSHR-F631C MAVLICTDFI	109	33
>TSHR-F631C MAVLIFTDFI	304	>TSHR-F631C MAVLICTDFI	1886	1582
>TSHR-F631C MAVLIFTDF	57	>TSHR-F631C MAVLICTDF	134	77
>TSHR-F631C MAVLIFTDF	85	>TSHR-F631C MAVLICTDF	58	27
>TSHR-F631C MAVLIFTDF	48	>TSHR-F631C MAVLICTDF	48	0
>TSHR-F631C MAVLIFTDF	151	>TSHR-F631C MAVLICTDF	1599	1448
>TSHR-F631C MAVLIFTDF	406	>TSHR-F631C MAVLICTDF	329	77
>TSHR-F631C RMAVLIFT	161	>TSHR-F631C RMAVLICT	1058	897
>TSHR-F631C RMAVLIFTDF	30	>TSHR-F631C RMAVLICTDF	41	11
>TSHR-F631C RMAVLIFT	75	>TSHR-F631C RMAVLICT	590	515
>TSHR-F631C RMAVLIFTDF	5	>TSHR-F631C RMAVLICTDF	7	2
>TSHR-F631C RMAVLIFT	150	>TSHR-F631C RMAVLICT	814	664
>TSHR-F631C RMAVLIFTDF	15	>TSHR-F631C RMAVLICTDF	15	0
>TSHR-F631C RMAVLIFT	289	>TSHR-F631C RMAVLICT	1327	1038
>TSHR-F631C RMAVLIFTDF	53	>TSHR-F631C RMAVLICTDF	64	11
>TSHR-F631C RMAVLIFT	75	>TSHR-F631C RMAVLICT	487	412
>TSHR-F631C RMAVLIFTDF	8	>TSHR-F631C RMAVLICTDF	16	8
>TSHR-F631C RMAVLIFTDF	25	>TSHR-F631C RMAVLICTDF	31	6
>TSHR-F631C RMAVLIFT	104	>TSHR-F631C RMAVLICT	334	230
>TSHR-F631C RMAVLIFTDF	16	>TSHR-F631C RMAVLICTDF	19	3
>TSHR-F631C RMAVLIFTDF	19	>TSHR-F631C RMAVLICTDF	25	6
>TSHR-F631C RMAVLIFT	425	>TSHR-F631C RMAVLICT	1106	681
>TSHR-F631C RMAVLIFTDF	89	>TSHR-F631C RMAVLICTDF	98	9
>TSHR-F631C RMAVLIFTDF	185	>TSHR-F631C RMAVLICTDF	681	496
>TSHR-F631C RMAVLIFTDF	22	>TSHR-F631C RMAVLICTDF	37	15
>TSHR-F631C RMAVLIFTDF	69	>TSHR-F631C RMAVLICTDF	209	140
>TSHR-F631C RMAVLIFTDF	45	>TSHR-F631C RMAVLICTDF	50	5
>TSHR-F631C RMAVLIFTDF	8	>TSHR-F631C RMAVLICTDF	10	2
>TSHR-F631C RMAVLIFTDF	498	>TSHR-F631C RMAVLICTDF	539	41
>TSHR-F631C RMAVLIFTDF	337	>TSHR-F631C RMAVLICTDF	312	25
>TSHR-F631C RMAVLIFTDF	106	>TSHR-F631C RMAVLICTDF	216	110
>TSHR-F631C RMAVLIFTDF	97	>TSHR-F631C RMAVLICTDF	151	54
>TSHR-F631C RMAVLIFTDF	253	>TSHR-F631C RMAVLICTDF	502	249
>TSHR-F631C RMAVLIFTDF	347	>TSHR-F631C RMAVLICTDF	468	121
>TSHR-F631C RMAVLIFTDF	146	>TSHR-F631C RMAVLICTDF	262	116
>TSHR-F631C KRMAVLIF	8	>TSHR-F631C KRMAVLIC	2045	2037
>TSHR-F631C KRMAVLIFTD	14	>TSHR-F631C KRMAVLICTD	17	3
>TSHR-F631C KRMAVLIF	26	>TSHR-F631C KRMAVLIC	688	662
>TSHR-F631C KRMAVLIFT	117	>TSHR-F631C KRMAVLICT	156	39
>TSHR-F631C KRMAVLIFTD	38	>TSHR-F631C KRMAVLICTD	117	79

>TSHR-F631C KRM AVLIF	139	>TSHR-F631C KRM AVLIC	297	158
>TSHR-F631C KRM AVLIFT	62	>TSHR-F631C KRM AVLICT	111	49
>TSHR-F631C KRM AVLIFTD	499	>TSHR-F631C KRM AVLICTD	255	244
>TSHR-F631C KRM AVLIFTD	45	>TSHR-F631C KRM AVLICTD	67	22
>TSHR-F631C KRM AVLIFTD	28	>TSHR-F631C KRM AVLICTD	83	55
>TSHR-F631C AKR MAVLIF	3	>TSHR-F631C AKR MAVLIC	305	302
>TSHR-F631C IAKR MAVLIF	326	>TSHR-F631C IAKR MAVLIC	19316	18990
>TSHR-F631C IAKR MAVLIF	21	>TSHR-F631C IAKR MAVLIC	10377	10356
>TSHR-F631C IAKR MAVLIF	37	>TSHR-F631C IAKR MAVLIC	15720	15683
>TSHR-F631C IAKR MAVLIF	308	>TSHR-F631C IAKR MAVLIC	17766	17458
>TSHR-F631C IAKR MAVLIF	214	>TSHR-F631C IAKR MAVLIC	16646	16432
>TSHR-F631I· FTDFICMA	392	>TSHR-F631I· ITDFICMA	2511	2119
>TSHR-F631I· FTDFICMA	343	>TSHR-F631I· ITDFICMA	4748	4405
>TSHR-F631I· FTDFICMAPI	378	>TSHR-F631I· ITDFICMAPI	1921	1543
>TSHR-F631I· FTDFICMA	221	>TSHR-F631I· ITDFICMA	3127	2906
>TSHR-F631I· FTDFICMAPI	333	>TSHR-F631I· ITDFICMAPI	1183	850
>TSHR-F631I· FTDFICMAPI	400	>TSHR-F631I· ITDFICMAPI	1423	1023
>TSHR-F631I· FTDFICMA	140	>TSHR-F631I· ITDFICMA	2046	1906
>TSHR-F631I· FTDFICMAPI	83	>TSHR-F631I· ITDFICMAPI	428	345
>TSHR-F631I· FTDFICMA	187	>TSHR-F631I· ITDFICMA	1026	839
>TSHR-F631I· FTDFICMAPI	256	>TSHR-F631I· ITDFICMAPI	1845	1589
>TSHR-F631I· FTDFICMAPI	1296	>TSHR-F631I· ITDFICMAPI	295	1001
>TSHR-F631I· FTDFICMA	194	>TSHR-F631I· ITDFICMA	2533	2339
>TSHR-F631I· FTDFICMAPI	29	>TSHR-F631I· ITDFICMAPI	87	58
>TSHR-F631I· FTDFICMA	119	>TSHR-F631I· ITDFICMA	2134	2015
>TSHR-F631I· FTDFICMAPI	16	>TSHR-F631I· ITDFICMAPI	256	240
>TSHR-F631I· FTDFICMAPI	185	>TSHR-F631I· ITDFICMAPI	72	113
>TSHR-F631I· FTDFICMAPI	412	>TSHR-F631I· ITDFICMAPI	494	82
>TSHR-F631I· FTDFICMAPI	94	>TSHR-F631I· ITDFICMAPI	90	4
>TSHR-F631I· IFTDFICM	1966	>TSHR-F631I· IITDFICM	428	1538
>TSHR-F631I· IFTDFICMAPI	1112	>TSHR-F631I· IITDFICMAPI	311	801
>TSHR-F631I· IFTDFICMA	12899	>TSHR-F631I· IITDFICMA	208	12691
>TSHR-F631I· IFTDFICMAPI	5230	>TSHR-F631I· IITDFICMAPI	55	5175
>TSHR-F631I· IFTDFICMA	1953	>TSHR-F631I· IITDFICMA	142	1811
>TSHR-F631I· IFTDFICMAPI	365	>TSHR-F631I· IITDFICMAPI	38	327
>TSHR-F631I· IFTDFICMA	10330	>TSHR-F631I· IITDFICMA	107	10223
>TSHR-F631I· IFTDFICMAPI	6132	>TSHR-F631I· IITDFICMAPI	22	6110
>TSHR-F631I· IFTDFICMA	7172	>TSHR-F631I· IITDFICMA	50	7122
>TSHR-F631I· IFTDFICMAPI	2360	>TSHR-F631I· IITDFICMAPI	22	2338
>TSHR-F631I· IFTDFICMA	1766	>TSHR-F631I· IITDFICMA	22	1744
>TSHR-F631I· IFTDFICMAPI	2487	>TSHR-F631I· IITDFICMAPI	65	2422
>TSHR-F631I· IFTDFICMA	7317	>TSHR-F631I· IITDFICMA	154	7163
>TSHR-F631I· IFTDFICMA	936	>TSHR-F631I· IITDFICMA	8	928

>TSHR-F631I·IFTDFICMAPI	3096	>TSHR-F631I·IITDFICMAPI	33	3063
>TSHR-F631I·IFTDFICMAPI	5324	>TSHR-F631I·IITDFICMAPI	67	5257
>TSHR-F631I·IFTDFICMAPI	11909	>TSHR-F631I·IITDFICMAPI	481	11428
>TSHR-F631I·KIAKRMAVLII	7523	>TSHR-F631I·KIAKRMAVLII	67	7456
>TSHR-F631I·KIAKRMAVLII	2973	>TSHR-F631I·KIAKRMAVLII	353	2620
>TSHR-F631I·KIAKRMAVLII	6480	>TSHR-F631I·KIAKRMAVLII	415	6065
>TSHR-F631I·KIAKRMAVLII	154	>TSHR-F631I·KIAKRMAVLII	237	83
>TSHR-F631I·KIAKRMAVLII	166	>TSHR-F631I·KIAKRMAVLII	6419	6253
>TSHR-F631I·KIAKRMAVLII	110	>TSHR-F631I·KIAKRMAVLII	3413	3303
>TSHR-F631I·KIAKRMAVLII	148	>TSHR-F631I·KIAKRMAVLII	5136	4988
>TSHR-F631I·KIAKRMAVLII	88	>TSHR-F631I·KIAKRMAVLII	618	530
>TSHR-F631I·LIFTDFICMA	181	>TSHR-F631I·LIITDFICMA	398	217
>TSHR-F631I·LIFTDFICMA	139	>TSHR-F631I·LIITDFICMA	239	100
>TSHR-F631I·LIFTDFICM	319	>TSHR-F631I·LIITDFICM	269	50
>TSHR-F631I·LIFTDFICMA	109	>TSHR-F631I·LIITDFICMA	82	27
>TSHR-F631I·LIFTDFICMA	72	>TSHR-F631I·LIITDFICMA	412	340
>TSHR-F631I·LIFTDFICMA	302	>TSHR-F631I·LIITDFICMA	2352	2050
>TSHR-F631I·LIFTDFICMA	52	>TSHR-F631I·LIITDFICMA	149	97
>TSHR-F631I·LIFTDFICM	3450	>TSHR-F631I·LIITDFICM	31	3419
>TSHR-F631I·LIFTDFICM	1617	>TSHR-F631I·LIITDFICM	381	1236
>TSHR-F631I·LIFTDFICM	173	>TSHR-F631I·LIITDFICM	987	814
>TSHR-F631I·VLIFTDFI	68	>TSHR-F631I·VLIITDFI	121	53
>TSHR-F631I·VLIFTDFICM	428	>TSHR-F631I·VLIITDFICM	360	68
>TSHR-F631I·VLIFTDFICM/	110	>TSHR-F631I·VLIITDFICMA	191	81
>TSHR-F631I·VLIFTDFI	29	>TSHR-F631I·VLIITDFI	54	25
>TSHR-F631I·VLIFTDFICM/	168	>TSHR-F631I·VLIITDFICMA	268	100
>TSHR-F631I·VLIFTDFI	42	>TSHR-F631I·VLIITDFI	95	53
>TSHR-F631I·VLIFTDFICM/	62	>TSHR-F631I·VLIITDFICMA	143	81
>TSHR-F631I·VLIFTDFI	161	>TSHR-F631I·VLIITDFI	236	75
>TSHR-F631I·VLIFTDFICM	862	>TSHR-F631I·VLIITDFICM	489	373
>TSHR-F631I·VLIFTDFICM/	237	>TSHR-F631I·VLIITDFICMA	333	96
>TSHR-F631I·VLIFTDFI	13	>TSHR-F631I·VLIITDFI	13	0
>TSHR-F631I·VLIFTDFICM/	19	>TSHR-F631I·VLIITDFICMA	17	2
>TSHR-F631I·VLIFTDFI	11	>TSHR-F631I·VLIITDFI	21	10
>TSHR-F631I·VLIFTDFIC	195	>TSHR-F631I·VLIITDFIC	555	360
>TSHR-F631I·VLIFTDFICM	185	>TSHR-F631I·VLIITDFICM	382	197
>TSHR-F631I·VLIFTDFICM/	56	>TSHR-F631I·VLIITDFICMA	119	63
>TSHR-F631I·VLIFTDFI	30	>TSHR-F631I·VLIITDFI	23	7
>TSHR-F631I·VLIFTDFICM	703	>TSHR-F631I·VLIITDFICM	438	265
>TSHR-F631I·VLIFTDFICM/	38	>TSHR-F631I·VLIITDFICMA	28	10
>TSHR-F631I·VLIFTDFI	78	>TSHR-F631I·VLIITDFI	394	316
>TSHR-F631I·VLIFTDFI	45	>TSHR-F631I·VLIITDFI	34	11
>TSHR-F631I·VLIFTDFIC	381	>TSHR-F631I·VLIITDFIC	206	175

>TSHR-F631I·VLIFTDFICM	567	>TSHR-F631I·VLIITDFICM	333	234
>TSHR-F631I·VLIFTDFICM/	14	>TSHR-F631I·VLIITDFICMA	10	4
>TSHR-F631I·AVLIFTDFI	339	>TSHR-F631I·AVLIITDFI	353	14
>TSHR-F631I·AVLIFTDFI	201	>TSHR-F631I·AVLIITDFI	131	70
>TSHR-F631I·AVLIFTDFI	47	>TSHR-F631I·AVLIITDFI	46	1
>TSHR-F631I·AVLIFTDFI	98	>TSHR-F631I·AVLIITDFI	225	127
>TSHR-F631I·AVLIFTDFI	264	>TSHR-F631I·AVLIITDFI	192	72
>TSHR-F631I·AVLIFTDFICM	287	>TSHR-F631I·AVLIITDFICM	329	42
>TSHR-F631I·AVLIFTDF	63	>TSHR-F631I·AVLIITDF	61	2
>TSHR-F631I·AVLIFTDFI	238	>TSHR-F631I·AVLIITDFI	259	21
>TSHR-F631I·AVLIFTDFI	552	>TSHR-F631I·AVLIITDFI	189	363
>TSHR-F631I·AVLIFTDFI	189	>TSHR-F631I·AVLIITDFI	541	352
>TSHR-F631I·AVLIFTDF	213	>TSHR-F631I·AVLIITDF	693	480
>TSHR-F631I·AVLIFTDF	424	>TSHR-F631I·AVLIITDF	335	89
>TSHR-F631I·AVLIFTDFI	226	>TSHR-F631I·AVLIITDFI	316	90
>TSHR-F631I·MAVLIFTDFI	190	>TSHR-F631I·MAVLIITDFI	217	27
>TSHR-F631I·MAVLIFTDFI	539	>TSHR-F631I·MAVLIITDFI	489	50
>TSHR-F631I·MAVLIFTDFI	153	>TSHR-F631I·MAVLIITDFI	296	143
>TSHR-F631I·MAVLIFTDFI	76	>TSHR-F631I·MAVLIITDFI	54	22
>TSHR-F631I·MAVLIFTDFI	304	>TSHR-F631I·MAVLIITDFI	565	261
>TSHR-F631I·MAVLIFTDF	57	>TSHR-F631I·MAVLIITDF	117	60
>TSHR-F631I·MAVLIFTDF	85	>TSHR-F631I·MAVLIITDF	24	61
>TSHR-F631I·MAVLIFTDF	48	>TSHR-F631I·MAVLIITDF	50	2
>TSHR-F631I·MAVLIFTDF	151	>TSHR-F631I·MAVLIITDF	284	133
>TSHR-F631I·MAVLIFTDF	406	>TSHR-F631I·MAVLIITDF	941	535
>TSHR-F631I·RMAVLIFT	161	>TSHR-F631I·RMAVLIIT	1188	1027
>TSHR-F631I·RMAVLIFTDF	30	>TSHR-F631I·RMAVLIITDFI	44	14
>TSHR-F631I·RMAVLIFT	75	>TSHR-F631I·RMAVLIIT	723	648
>TSHR-F631I·RMAVLIFTDF	5	>TSHR-F631I·RMAVLIITDFI	8	3
>TSHR-F631I·RMAVLIFT	150	>TSHR-F631I·RMAVLIIT	345	195
>TSHR-F631I·RMAVLIFTDF	15	>TSHR-F631I·RMAVLIITDFI	17	2
>TSHR-F631I·RMAVLIFT	289	>TSHR-F631I·RMAVLIIT	1488	1199
>TSHR-F631I·RMAVLIFTDF	53	>TSHR-F631I·RMAVLIITDFI	92	39
>TSHR-F631I·RMAVLIFT	75	>TSHR-F631I·RMAVLIIT	658	583
>TSHR-F631I·RMAVLIFTDF	8	>TSHR-F631I·RMAVLIITDFI	12	4
>TSHR-F631I·RMAVLIFTDF	25	>TSHR-F631I·RMAVLIITDFI	37	12
>TSHR-F631I·RMAVLIFT	104	>TSHR-F631I·RMAVLIIT	891	787
>TSHR-F631I·RMAVLIFTDF	16	>TSHR-F631I·RMAVLIITDFI	18	2
>TSHR-F631I·RMAVLIFTDF	19	>TSHR-F631I·RMAVLIITDFI	28	9
>TSHR-F631I·RMAVLIFT	425	>TSHR-F631I·RMAVLIIT	1380	955
>TSHR-F631I·RMAVLIFTDF	89	>TSHR-F631I·RMAVLIITDFI	135	46
>TSHR-F631I·RMAVLIFTDF	185	>TSHR-F631I·RMAVLIITDF	451	266
>TSHR-F631I·RMAVLIFTDF	22	>TSHR-F631I·RMAVLIITDF	25	3

>TSHR-F631I·RMAVLIFTDF	69	>TSHR-F631I·RMAVLIITDFI	79	10
>TSHR-F631I·RMAVLIFTDF	45	>TSHR-F631I·RMAVLIITDF	56	11
>TSHR-F631I·RMAVLIFTDF	8	>TSHR-F631I·RMAVLIITDF	9	1
>TSHR-F631I·RMAVLIFTDF	498	>TSHR-F631I·RMAVLIITDFI	711	213
>TSHR-F631I·RMAVLIFTDF	337	>TSHR-F631I·RMAVLIITDF	166	171
>TSHR-F631I·RMAVLIFTDF	106	>TSHR-F631I·RMAVLIITDF	127	21
>TSHR-F631I·RMAVLIFTDF	97	>TSHR-F631I·RMAVLIITDFI	171	74
>TSHR-F631I·RMAVLIFTDF	253	>TSHR-F631I·RMAVLIITDF	156	97
>TSHR-F631I·RMAVLIFTDF	347	>TSHR-F631I·RMAVLIITDFI	448	101
>TSHR-F631I·RMAVLIFTDF	146	>TSHR-F631I·RMAVLIITDFI	188	42
>TSHR-F631I·KRM AVLIFTD	577	>TSHR-F631I·KRM AVLIIITDI	480	97
>TSHR-F631I·KRM AVLIF	8	>TSHR-F631I·KRM AVLII	151	143
>TSHR-F631I·KRM AVLIFTD	14	>TSHR-F631I·KRM AVLIIITDI	16	2
>TSHR-F631I·KRM AVLIF	26	>TSHR-F631I·KRM AVLII	24	2
>TSHR-F631I·KRM AVLIFT	117	>TSHR-F631I·KRM AVLIIIT	212	95
>TSHR-F631I·KRM AVLIFTD	38	>TSHR-F631I·KRM AVLIIITDI	35	3
>TSHR-F631I·KRM AVLIF	966	>TSHR-F631I·KRM AVLII	381	585
>TSHR-F631I·KRM AVLIF	139	>TSHR-F631I·KRM AVLII	72	67
>TSHR-F631I·KRM AVLIFT	62	>TSHR-F631I·KRM AVLIIIT	74	12
>TSHR-F631I·KRM AVLIFTD	499	>TSHR-F631I·KRM AVLIIITD	230	269
>TSHR-F631I·KRM AVLIFTD	45	>TSHR-F631I·KRM AVLIIITDI	46	1
>TSHR-F631I·KRM AVLIFTD	28	>TSHR-F631I·KRM AVLIIITDI	41	13
>TSHR-F631I·AKRM AVLIF	3681	>TSHR-F631I·AKRM AVLII	136	3545
>TSHR-F631I·AKRM AVLIF	3	>TSHR-F631I·AKRM AVLII	13	10
>TSHR-F631I·IAKRM AVLIF	3159	>TSHR-F631I·IAKRM AVLII	105	3054
>TSHR-F631I·IAKRM AVLIF	326	>TSHR-F631I·IAKRM AVLII	9325	8999
>TSHR-F631I·IAKRM AVLIF	21	>TSHR-F631I·IAKRM AVLII	811	790
>TSHR-F631I·IAKRM AVLIF	37	>TSHR-F631I·IAKRM AVLII	1740	1703
>TSHR-F631I·IAKRM AVLIF	308	>TSHR-F631I·IAKRM AVLII	6603	6295
>TSHR-F631I·IAKRM AVLIF	214	>TSHR-F631I·IAKRM AVLII	1870	1656
>TSHR-F631I·FTDFICMA	392	>TSHR-F631I·LTDFICMA	867	475
>TSHR-F631I·FTDFICMA	343	>TSHR-F631I·LTDFICMA	5147	4804
>TSHR-F631I·FTDFICMAPI	378	>TSHR-F631I·LTDFICMAPI	2298	1920
>TSHR-F631I·FTDFICMA	221	>TSHR-F631I·LTDFICMA	2144	1923
>TSHR-F631I·FTDFICMAPI	333	>TSHR-F631I·LTDFICMAPI	1065	732
>TSHR-F631I·FTDFICMAPI	400	>TSHR-F631I·LTDFICMAPI	1327	927
>TSHR-F631I·FTDFICMA	140	>TSHR-F631I·LTDFICMA	1955	1815
>TSHR-F631I·FTDFICMAPI	83	>TSHR-F631I·LTDFICMAPI	290	207
>TSHR-F631I·FTDFICMA	187	>TSHR-F631I·LTDFICMA	1057	870
>TSHR-F631I·FTDFICMAPI	256	>TSHR-F631I·LTDFICMAPI	1931	1675
>TSHR-F631I·FTDFICMA	194	>TSHR-F631I·LTDFICMA	1777	1583
>TSHR-F631I·FTDFICMAPI	29	>TSHR-F631I·LTDFICMAPI	44	15
>TSHR-F631I·FTDFICMA	119	>TSHR-F631I·LTDFICMA	1155	1036

>TSHR-F631L FTDFICMAPI	16	>TSHR-F631L LTDFICMAPI	112	96
>TSHR-F631L FTDFICMAPI	185	>TSHR-F631L LTDFICMAPI	136	49
>TSHR-F631L FTDFICMAPI	412	>TSHR-F631L LTDFICMAPI	515	103
>TSHR-F631L FTDFICMAPI	94	>TSHR-F631L LTDFICMAPI	76	18
>TSHR-F631L IFTDFICM	17585	>TSHR-F631L ILTDFICM	97	17488
>TSHR-F631L IFTDFICMA	12899	>TSHR-F631L ILTDFICMA	22	12877
>TSHR-F631L IFTDFICMAPI	5230	>TSHR-F631L ILTDFICMAPI	13	5217
>TSHR-F631L IFTDFICM	6703	>TSHR-F631L ILTDFICM	81	6622
>TSHR-F631L IFTDFICMA	1953	>TSHR-F631L ILTDFICMA	10	1943
>TSHR-F631L IFTDFICMAPI	365	>TSHR-F631L ILTDFICMAPI	7	358
>TSHR-F631L IFTDFICMA	10330	>TSHR-F631L ILTDFICMA	13	10317
>TSHR-F631L IFTDFICMAPI	6132	>TSHR-F631L ILTDFICMAPI	6	6126
>TSHR-F631L IFTDFICM	14297	>TSHR-F631L ILTDFICM	261	14036
>TSHR-F631L IFTDFICMA	7172	>TSHR-F631L ILTDFICMA	27	7145
>TSHR-F631L IFTDFICMAPI	2360	>TSHR-F631L ILTDFICMAPI	17	2343
>TSHR-F631L IFTDFICM	13993	>TSHR-F631L ILTDFICM	74	13919
>TSHR-F631L IFTDFICMA	1766	>TSHR-F631L ILTDFICMA	3	1763
>TSHR-F631L IFTDFICMAPI	2487	>TSHR-F631L ILTDFICMAPI	7	2480
>TSHR-F631L IFTDFICM	21215	>TSHR-F631L ILTDFICM	241	20974
>TSHR-F631L IFTDFICMA	20203	>TSHR-F631L ILTDFICMA	63	20140
>TSHR-F631L IFTDFICMAPI	11432	>TSHR-F631L ILTDFICMAPI	11	11421
>TSHR-F631L IFTDFICM	18149	>TSHR-F631L ILTDFICM	123	18026
>TSHR-F631L IFTDFICMA	7317	>TSHR-F631L ILTDFICMA	11	7306
>TSHR-F631L IFTDFICMAPI	9863	>TSHR-F631L ILTDFICMAPI	28	9835
>TSHR-F631L IFTDFICM	17640	>TSHR-F631L ILTDFICM	109	17531
>TSHR-F631L IFTDFICMA	13910	>TSHR-F631L ILTDFICMA	34	13876
>TSHR-F631L IFTDFICMAPI	16093	>TSHR-F631L ILTDFICMAPI	34	16059
>TSHR-F631L IFTDFICM	14313	>TSHR-F631L ILTDFICM	12	14301
>TSHR-F631L IFTDFICMA	936	>TSHR-F631L ILTDFICMA	2	934
>TSHR-F631L IFTDFICMAPI	3096	>TSHR-F631L ILTDFICMAPI	3	3093
>TSHR-F631L IFTDFICMAPI	5324	>TSHR-F631L ILTDFICMAPI	417	4907
>TSHR-F631L KIAKRMAVLII	8427	>TSHR-F631L KIAKRMAVLII	155	8272
>TSHR-F631L KIAKRMAVLII	7523	>TSHR-F631L KIAKRMAVLII	123	7400
>TSHR-F631L KIAKRMAVLII	2973	>TSHR-F631L KIAKRMAVLII	357	2616
>TSHR-F631L KIAKRMAVLII	154	>TSHR-F631L KIAKRMAVLII	796	642
>TSHR-F631L KIAKRMAVLII	166	>TSHR-F631L KIAKRMAVLII	3671	3505
>TSHR-F631L KIAKRMAVLII	110	>TSHR-F631L KIAKRMAVLII	2584	2474
>TSHR-F631L KIAKRMAVLII	148	>TSHR-F631L KIAKRMAVLII	1706	1558
>TSHR-F631L KIAKRMAVLII	88	>TSHR-F631L KIAKRMAVLII	1277	1189
>TSHR-F631L LIFTDFICMA	181	>TSHR-F631L LILTDFICMA	442	261
>TSHR-F631L LIFTDFICMA	139	>TSHR-F631L LILTDFICMA	326	187
>TSHR-F631L LIFTDFICM	319	>TSHR-F631L LILTDFICM	327	8
>TSHR-F631L LIFTDFICMA	109	>TSHR-F631L LILTDFICMA	74	35

>TSHR-F631L LIFTDFICMA	72	>TSHR-F631L LILTDFICMA	112	40
>TSHR-F631L LIFTDFICMA	302	>TSHR-F631L LILTDFICMA	310	8
>TSHR-F631L LIFTDFICMA	52	>TSHR-F631L LILTDFICMA	99	47
>TSHR-F631L LIFTDFICM	173	>TSHR-F631L LILTDFICM	960	787
>TSHR-F631L VLIFTDFI	68	>TSHR-F631L VLILTDFI	143	75
>TSHR-F631L VLIFTDFICM	428	>TSHR-F631L VLILTDFICM	339	89
>TSHR-F631L VLIFTDFICMA	110	>TSHR-F631L VLILTDFICMA	215	105
>TSHR-F631L VLIFTDFI	29	>TSHR-F631L VLILTDFI	68	39
>TSHR-F631L VLIFTDFICMA	168	>TSHR-F631L VLILTDFICMA	312	144
>TSHR-F631L VLIFTDFI	42	>TSHR-F631L VLILTDFI	123	81
>TSHR-F631L VLIFTDFICMA	62	>TSHR-F631L VLILTDFICMA	161	99
>TSHR-F631L VLIFTDFI	161	>TSHR-F631L VLILTDFI	286	125
>TSHR-F631L VLIFTDFICMA	237	>TSHR-F631L VLILTDFICMA	384	147
>TSHR-F631L VLIFTDFI	13	>TSHR-F631L VLILTDFI	29	16
>TSHR-F631L VLIFTDFICMA	19	>TSHR-F631L VLILTDFICMA	38	19
>TSHR-F631L VLIFTDFI	11	>TSHR-F631L VLILTDFI	19	8
>TSHR-F631L VLIFTDFIC	195	>TSHR-F631L VLILTDFIC	411	216
>TSHR-F631L VLIFTDFICM	185	>TSHR-F631L VLILTDFICM	299	114
>TSHR-F631L VLIFTDFICMA	56	>TSHR-F631L VLILTDFICMA	96	40
>TSHR-F631L VLIFTDFI	30	>TSHR-F631L VLILTDFI	38	8
>TSHR-F631L VLIFTDFICMA	38	>TSHR-F631L VLILTDFICMA	50	12
>TSHR-F631L VLIFTDFI	78	>TSHR-F631L VLILTDFI	193	115
>TSHR-F631L VLIFTDFI	45	>TSHR-F631L VLILTDFI	68	23
>TSHR-F631L VLIFTDFIC	381	>TSHR-F631L VLILTDFIC	562	181
>TSHR-F631L VLIFTDFICMA	14	>TSHR-F631L VLILTDFICMA	19	5
>TSHR-F631L AVLIFTDFI	527	>TSHR-F631L AVLILTDFI	301	226
>TSHR-F631L AVLIFTDFI	339	>TSHR-F631L AVLILTDFI	462	123
>TSHR-F631L AVLIFTDFI	201	>TSHR-F631L AVLILTDFI	335	134
>TSHR-F631L AVLIFTDFI	47	>TSHR-F631L AVLILTDFI	60	13
>TSHR-F631L AVLIFTDFI	98	>TSHR-F631L AVLILTDFI	320	222
>TSHR-F631L AVLIFTDFI	264	>TSHR-F631L AVLILTDFI	187	77
>TSHR-F631L AVLIFTDFICM	287	>TSHR-F631L AVLILTDFICM	344	57
>TSHR-F631L AVLIFTDF	63	>TSHR-F631L AVLILTDF	108	45
>TSHR-F631L AVLIFTDFI	238	>TSHR-F631L AVLILTDFI	441	203
>TSHR-F631L AVLIFTDFI	189	>TSHR-F631L AVLILTDFI	802	613
>TSHR-F631L AVLIFTDF	213	>TSHR-F631L AVLILTDF	790	577
>TSHR-F631L AVLIFTDF	424	>TSHR-F631L AVLILTDF	264	160
>TSHR-F631L AVLIFTDFI	226	>TSHR-F631L AVLILTDFI	601	375
>TSHR-F631L MAVLIFTDFI	190	>TSHR-F631L MAVLILTDFI	171	19
>TSHR-F631L MAVLIFTDFI	153	>TSHR-F631L MAVLILTDFI	187	34
>TSHR-F631L MAVLIFTDFI	76	>TSHR-F631L MAVLILTDFI	185	109
>TSHR-F631L MAVLIFTDFI	304	>TSHR-F631L MAVLILTDFI	615	311
>TSHR-F631L MAVLIFTDF	57	>TSHR-F631L MAVLILTDF	177	120



>TSHR-F631L MAVLIFTDF	85	>TSHR-F631L MAVLILTDF	26	59
>TSHR-F631L MAVLIFTDF	48	>TSHR-F631L MAVLILTDF	73	25
>TSHR-F631L MAVLIFTDF	151	>TSHR-F631L MAVLILTDF	436	285
>TSHR-F631L MAVLIFTDF	406	>TSHR-F631L MAVLILTDF	582	176
>TSHR-F631L RMAVLIFT	161	>TSHR-F631L RMAVLILT	431	270
>TSHR-F631L RMAVLIFTDF	30	>TSHR-F631L RMAVLILTDF	48	18
>TSHR-F631L RMAVLIFT	75	>TSHR-F631L RMAVLILT	212	137
>TSHR-F631L RMAVLIFTDF	5	>TSHR-F631L RMAVLILTDF	10	5
>TSHR-F631L RMAVLIFT	150	>TSHR-F631L RMAVLILT	184	34
>TSHR-F631L RMAVLIFTDF	15	>TSHR-F631L RMAVLILTDF	19	4
>TSHR-F631L RMAVLIFT	289	>TSHR-F631L RMAVLILT	884	595
>TSHR-F631L RMAVLIFTDF	53	>TSHR-F631L RMAVLILTDF	106	53
>TSHR-F631L RMAVLIFT	75	>TSHR-F631L RMAVLILT	291	216
>TSHR-F631L RMAVLIFTDF	8	>TSHR-F631L RMAVLILTDF	13	5
>TSHR-F631L RMAVLIFTDF	25	>TSHR-F631L RMAVLILTDF	49	24
>TSHR-F631L RMAVLIFT	104	>TSHR-F631L RMAVLILT	539	435
>TSHR-F631L RMAVLIFTDF	16	>TSHR-F631L RMAVLILTDF	19	3
>TSHR-F631L RMAVLIFTDF	19	>TSHR-F631L RMAVLILTDF	50	31
>TSHR-F631L RMAVLIFT	425	>TSHR-F631L RMAVLILT	676	251
>TSHR-F631L RMAVLIFTDF	89	>TSHR-F631L RMAVLILTDF	160	71
>TSHR-F631L RMAVLIFTDF	185	>TSHR-F631L RMAVLILTDF	436	251
>TSHR-F631L RMAVLIFTDF	22	>TSHR-F631L RMAVLILTDF	27	5
>TSHR-F631L RMAVLIFTDF	69	>TSHR-F631L RMAVLILTDF	98	29
>TSHR-F631L RMAVLIFTDF	45	>TSHR-F631L RMAVLILTDF	54	9
>TSHR-F631L RMAVLIFTDF	8	>TSHR-F631L RMAVLILTDF	10	2
>TSHR-F631L RMAVLIFTDF	498	>TSHR-F631L RMAVLILTDF	618	120
>TSHR-F631L RMAVLIFTDF	337	>TSHR-F631L RMAVLILTDF	139	198
>TSHR-F631L RMAVLIFTDF	106	>TSHR-F631L RMAVLILTDF	104	2
>TSHR-F631L RMAVLIFTDF	97	>TSHR-F631L RMAVLILTDF	101	4
>TSHR-F631L RMAVLIFTDF	253	>TSHR-F631L RMAVLILTDF	122	131
>TSHR-F631L RMAVLIFTDF	347	>TSHR-F631L RMAVLILTDF	503	156
>TSHR-F631L RMAVLIFTDF	146	>TSHR-F631L RMAVLILTDF	232	86
>TSHR-F631L KRMAVLIF	8	>TSHR-F631L KRMAVLIL	95	87
>TSHR-F631L KRMAVLIFTD	14	>TSHR-F631L KRMAVLILTD	23	9
>TSHR-F631L KRMAVLIF	26	>TSHR-F631L KRMAVLIL	20	6
>TSHR-F631L KRMAVLIFT	117	>TSHR-F631L KRMAVLILT	87	30
>TSHR-F631L KRMAVLIFTD	902	>TSHR-F631L KRMAVLILTD	357	545
>TSHR-F631L KRMAVLIFTD	38	>TSHR-F631L KRMAVLILTD	40	2
>TSHR-F631L KRMAVLIF	966	>TSHR-F631L KRMAVLIL	34	932
>TSHR-F631L KRMAVLIF	139	>TSHR-F631L KRMAVLIL	31	108
>TSHR-F631L KRMAVLIFT	62	>TSHR-F631L KRMAVLILT	48	14
>TSHR-F631L KRMAVLIFTD	499	>TSHR-F631L KRMAVLILTD	113	386
>TSHR-F631L KRMAVLIFTD	45	>TSHR-F631L KRMAVLILTD	50	5

>TSHR-F631L KRMAVLIF	688	>TSHR-F631L KRMAVLIL	274	414
>TSHR-F631L KRMAVLIFT	678	>TSHR-F631L KRMAVLILT	440	238
>TSHR-F631L KRMAVLIFTD	1357	>TSHR-F631L KRMAVLILTD	418	939
>TSHR-F631L KRMAVLIFTD	28	>TSHR-F631L KRMAVLILTD	46	18
>TSHR-F631L AKRMAVLIF	3681	>TSHR-F631L AKRMAVLIL	430	3251
>TSHR-F631L AKRMAVLIF	3	>TSHR-F631L AKRMAVLIL	10	7
>TSHR-F631L IAKRMAVLIF	3159	>TSHR-F631L IAKRMAVLIL	331	2828
>TSHR-F631L IAKRMAVLIF	326	>TSHR-F631L IAKRMAVLIL	5856	5530
>TSHR-F631L IAKRMAVLIF	21	>TSHR-F631L IAKRMAVLIL	604	583
>TSHR-F631L IAKRMAVLIF	37	>TSHR-F631L IAKRMAVLIL	458	421
>TSHR-F631L IAKRMAVLIF	308	>TSHR-F631L IAKRMAVLIL	4139	3831
>TSHR-F631L IAKRMAVLIF	214	>TSHR-F631L IAKRMAVLIL	3891	3677
>TSHR-F631\FTDFICMA	392	>TSHR-F631\VTDFICMA	1896	1504
>TSHR-F631\FTDFICMA	343	>TSHR-F631\VTDFICMA	6872	6529
>TSHR-F631\FTDFICMAPI	378	>TSHR-F631\VTDFICMAPI	3322	2944
>TSHR-F631\FTDFICMA	221	>TSHR-F631\VTDFICMA	5249	5028
>TSHR-F631\FTDFICMAPI	333	>TSHR-F631\VTDFICMAPI	2546	2213
>TSHR-F631\FTDFICMAPI	400	>TSHR-F631\VTDFICMAPI	2773	2373
>TSHR-F631\FTDFICMA	140	>TSHR-F631\VTDFICMA	2583	2443
>TSHR-F631\FTDFICMAPI	83	>TSHR-F631\VTDFICMAPI	836	753
>TSHR-F631\FTDFICMA	187	>TSHR-F631\VTDFICMA	899	712
>TSHR-F631\FTDFICMAPI	256	>TSHR-F631\VTDFICMAPI	1593	1337
>TSHR-F631\FTDFICMAPI	1296	>TSHR-F631\VTDFICMAPI	424	872
>TSHR-F631\FTDFICMA	194	>TSHR-F631\VTDFICMA	3769	3575
>TSHR-F631\FTDFICMAPI	29	>TSHR-F631\VTDFICMAPI	92	63
>TSHR-F631\FTDFICMA	119	>TSHR-F631\VTDFICMA	2575	2456
>TSHR-F631\FTDFICMAPI	16	>TSHR-F631\VTDFICMAPI	336	320
>TSHR-F631\FTDFICMAPI	185	>TSHR-F631\VTDFICMAPI	120	65
>TSHR-F631\FTDFICMAPI	412	>TSHR-F631\VTDFICMAPI	507	95
>TSHR-F631\FTDFICMAPI	94	>TSHR-F631\VTDFICMAPI	122	28
>TSHR-F631\IFTDFICMAPI	1112	>TSHR-F631\IVTDFICMAPI	229	883
>TSHR-F631\IFTDFICMA	12899	>TSHR-F631\IVTDFICMA	455	12444
>TSHR-F631\IFTDFICMAPI	5230	>TSHR-F631\IVTDFICMAPI	99	5131
>TSHR-F631\IFTDFICMA	1953	>TSHR-F631\IVTDFICMA	370	1583
>TSHR-F631\IFTDFICMAPI	365	>TSHR-F631\IVTDFICMAPI	79	286
>TSHR-F631\IFTDFICMA	10330	>TSHR-F631\IVTDFICMA	242	10088
>TSHR-F631\IFTDFICMAPI	6132	>TSHR-F631\IVTDFICMAPI	48	6084
>TSHR-F631\IFTDFICM	14297	>TSHR-F631\IVTDFICM	486	13811
>TSHR-F631\IFTDFICMA	7172	>TSHR-F631\IVTDFICMA	42	7130
>TSHR-F631\IFTDFICMAPI	2360	>TSHR-F631\IVTDFICMAPI	18	2342
>TSHR-F631\IFTDFICMA	1766	>TSHR-F631\IVTDFICMA	70	1696
>TSHR-F631\IFTDFICMAPI	2487	>TSHR-F631\IVTDFICMAPI	177	2310
>TSHR-F631\IFTDFICMA	936	>TSHR-F631\IVTDFICMA	16	920

>TSHR-F631\IFTDFICMAPI	3096	>TSHR-F631\IVTDFICMAPI	90	3006
>TSHR-F631\IFTDFICMA	17472	>TSHR-F631\IVTDFICMA	337	17135
>TSHR-F631\IFTDFICMAPI	5324	>TSHR-F631\IVTDFICMAPI	19	5305
>TSHR-F631\IFTDFICMAPI	11909	>TSHR-F631\IVTDFICMAPI	261	11648
>TSHR-F631\KIAKRMAVLII	17444	>TSHR-F631\KIAKRMAVLI'	140	17304
>TSHR-F631\KIAKRMAVLII	8427	>TSHR-F631\KIAKRMAVLI'	115	8312
>TSHR-F631\KIAKRMAVLII	7523	>TSHR-F631\KIAKRMAVLI'	12	7511
>TSHR-F631\KIAKRMAVLII	2973	>TSHR-F631\KIAKRMAVLI'	43	2930
>TSHR-F631\KIAKRMAVLII	23719	>TSHR-F631\KIAKRMAVLI'	295	23424
>TSHR-F631\KIAKRMAVLII	22893	>TSHR-F631\KIAKRMAVLI'	76	22817
>TSHR-F631\KIAKRMAVLII	28417	>TSHR-F631\KIAKRMAVLI'	51	28366
>TSHR-F631\KIAKRMAVLII	154	>TSHR-F631\KIAKRMAVLI'	2586	2432
>TSHR-F631\KIAKRMAVLII	166	>TSHR-F631\KIAKRMAVLI'	7372	7206
>TSHR-F631\KIAKRMAVLII	110	>TSHR-F631\KIAKRMAVLI'	4400	4290
>TSHR-F631\KIAKRMAVLII	148	>TSHR-F631\KIAKRMAVLI'	12993	12845
>TSHR-F631\KIAKRMAVLII	88	>TSHR-F631\KIAKRMAVLI'	8306	8218
>TSHR-F631\LIFTDFICMA	181	>TSHR-F631\LIVTDFICMA	610	429
>TSHR-F631\LIFTDFICMA	139	>TSHR-F631\LIVTDFICMA	398	259
>TSHR-F631\LIFTDFICM	319	>TSHR-F631\LIVTDFICM	446	127
>TSHR-F631\LIFTDFICMA	109	>TSHR-F631\LIVTDFICMA	104	5
>TSHR-F631\LIFTDFICMA	72	>TSHR-F631\LIVTDFICMA	567	495
>TSHR-F631\LIFTDFICMA	302	>TSHR-F631\LIVTDFICMA	2810	2508
>TSHR-F631\LIFTDFICMA	52	>TSHR-F631\LIVTDFICMA	198	146
>TSHR-F631\LIFTDFICM	3450	>TSHR-F631\LIVTDFICM	62	3388
>TSHR-F631\LIFTDFICM	173	>TSHR-F631\LIVTDFICM	1163	990
>TSHR-F631\VLIFTDFI	68	>TSHR-F631\VLIVTDFI	119	51
>TSHR-F631\VLIFTDFICM	428	>TSHR-F631\VLIVTDFICM	564	136
>TSHR-F631\VLIFTDFICM/	110	>TSHR-F631\VLIVTDFICM/	189	79
>TSHR-F631\VLIFTDFI	29	>TSHR-F631\VLIVTDFI	55	26
>TSHR-F631\VLIFTDFICM/	168	>TSHR-F631\VLIVTDFICM/	284	116
>TSHR-F631\VLIFTDFI	42	>TSHR-F631\VLIVTDFI	122	80
>TSHR-F631\VLIFTDFICM/	62	>TSHR-F631\VLIVTDFICM/	182	120
>TSHR-F631\VLIFTDFI	161	>TSHR-F631\VLIVTDFI	186	25
>TSHR-F631\VLIFTDFICM/	237	>TSHR-F631\VLIVTDFICM/	265	28
>TSHR-F631\VLIFTDFI	13	>TSHR-F631\VLIVTDFI	20	7
>TSHR-F631\VLIFTDFICM/	19	>TSHR-F631\VLIVTDFICM/	31	12
>TSHR-F631\VLIFTDFI	11	>TSHR-F631\VLIVTDFI	16	5
>TSHR-F631\VLIFTDFIC	195	>TSHR-F631\VLIVTDFIC	351	156
>TSHR-F631\VLIFTDFICM	185	>TSHR-F631\VLIVTDFICM	267	82
>TSHR-F631\VLIFTDFICM/	56	>TSHR-F631\VLIVTDFICM/	84	28
>TSHR-F631\VLIFTDFI	30	>TSHR-F631\VLIVTDFI	29	1
>TSHR-F631\VLIFTDFICM/	38	>TSHR-F631\VLIVTDFICM/	38	0
>TSHR-F631\VLIFTDFI	78	>TSHR-F631\VLIVTDFI	224	146

>TSHR-F631\VLIFTDFI	45	>TSHR-F631\VLIVTDFI	47	2
>TSHR-F631\VLIFTDFIC	381	>TSHR-F631\VLIVTDFIC	338	43
>TSHR-F631\VLIFTDFICM	567	>TSHR-F631\VLIVTDFICM	470	97
>TSHR-F631\VLIFTDFICM/	14	>TSHR-F631\VLIVTDFICM/	13	1
>TSHR-F631\AVLIFTDFI	339	>TSHR-F631\AVLIVTDFI	341	2
>TSHR-F631\AVLIFTDFI	201	>TSHR-F631\AVLIVTDFI	396	195
>TSHR-F631\AVLIFTDFI	47	>TSHR-F631\AVLIVTDFI	50	3
>TSHR-F631\AVLIFTDFI	98	>TSHR-F631\AVLIVTDFI	74	24
>TSHR-F631\AVLIFTDFI	264	>TSHR-F631\AVLIVTDFI	89	175
>TSHR-F631\AVLIFTDFICM	287	>TSHR-F631\AVLIVTDFICM	374	87
>TSHR-F631\AVLIFTDF	63	>TSHR-F631\AVLIVTDF	71	8
>TSHR-F631\AVLIFTDFI	238	>TSHR-F631\AVLIVTDFI	468	230
>TSHR-F631\AVLIFTDFI	552	>TSHR-F631\AVLIVTDFI	388	164
>TSHR-F631\AVLIFTDFI	189	>TSHR-F631\AVLIVTDFI	646	457
>TSHR-F631\AVLIFTDF	213	>TSHR-F631\AVLIVTDF	615	402
>TSHR-F631\AVLIFTDF	424	>TSHR-F631\AVLIVTDF	469	45
>TSHR-F631\AVLIFTDFI	226	>TSHR-F631\AVLIVTDFI	328	102
>TSHR-F631\MAVLIFTDFI	190	>TSHR-F631\MAVLIVTDFI	170	20
>TSHR-F631\MAVLIFTDFI	153	>TSHR-F631\MAVLIVTDFI	300	147
>TSHR-F631\MAVLIFTDFI	76	>TSHR-F631\MAVLIVTDFI	71	5
>TSHR-F631\MAVLIFTDFI	304	>TSHR-F631\MAVLIVTDFI	606	302
>TSHR-F631\MAVLIFTDF	57	>TSHR-F631\MAVLIVTDF	77	20
>TSHR-F631\MAVLIFTDF	85	>TSHR-F631\MAVLIVTDF	19	66
>TSHR-F631\MAVLIFTDF	48	>TSHR-F631\MAVLIVTDF	42	6
>TSHR-F631\MAVLIFTDF	151	>TSHR-F631\MAVLIVTDF	228	77
>TSHR-F631\MAVLIFTDF	903	>TSHR-F631\MAVLIVTDF	246	657
>TSHR-F631\MAVLIFTDFI	1122	>TSHR-F631\MAVLIVTDFI	435	687
>TSHR-F631\MAVLIFTDF	406	>TSHR-F631\MAVLIVTDF	870	464
>TSHR-F631\RMAVLIFT	161	>TSHR-F631\RMAVLIVT	1236	1075
>TSHR-F631\RMAVLIFTDF	30	>TSHR-F631\RMAVLIVTDF	48	18
>TSHR-F631\RMAVLIFT	75	>TSHR-F631\RMAVLIVT	646	571
>TSHR-F631\RMAVLIFTDF	5	>TSHR-F631\RMAVLIVTDF	7	2
>TSHR-F631\RMAVLIFT	150	>TSHR-F631\RMAVLIVT	374	224
>TSHR-F631\RMAVLIFTDF	15	>TSHR-F631\RMAVLIVTDF	17	2
>TSHR-F631\RMAVLIFT	289	>TSHR-F631\RMAVLIVT	1266	977
>TSHR-F631\RMAVLIFTDF	53	>TSHR-F631\RMAVLIVTDF	94	41
>TSHR-F631\RMAVLIFT	75	>TSHR-F631\RMAVLIVT	276	201
>TSHR-F631\RMAVLIFTDF	8	>TSHR-F631\RMAVLIVTDF	9	1
>TSHR-F631\RMAVLIFTDF	25	>TSHR-F631\RMAVLIVTDF	35	10
>TSHR-F631\RMAVLIFT	104	>TSHR-F631\RMAVLIVT	726	622
>TSHR-F631\RMAVLIFTDF	16	>TSHR-F631\RMAVLIVTDF	17	1
>TSHR-F631\RMAVLIFTDF	19	>TSHR-F631\RMAVLIVTDF	32	13
>TSHR-F631\RMAVLIFT	425	>TSHR-F631\RMAVLIVT	949	524

>TSHR-F631\ RMAVLIFTDF	89	>TSHR-F631\ RMAVLIVTDF	140	51
>TSHR-F631\ RMAVLIFTDF	185	>TSHR-F631\ RMAVLIVTDF	370	185
>TSHR-F631\ RMAVLIFTDF	22	>TSHR-F631\ RMAVLIVTDF	17	5
>TSHR-F631\ RMAVLIFTDF	69	>TSHR-F631\ RMAVLIVTDF	74	5
>TSHR-F631\ RMAVLIFTDF	45	>TSHR-F631\ RMAVLIVTDF	48	3
>TSHR-F631\ RMAVLIFTDF	8	>TSHR-F631\ RMAVLIVTDF	7	1
>TSHR-F631\ RMAVLIFTDF	498	>TSHR-F631\ RMAVLIVTDF	529	31
>TSHR-F631\ RMAVLIFTDF	337	>TSHR-F631\ RMAVLIVTDF	155	182
>TSHR-F631\ RMAVLIFTDF	106	>TSHR-F631\ RMAVLIVTDF	85	21
>TSHR-F631\ RMAVLIFTDF	97	>TSHR-F631\ RMAVLIVTDF	118	21
>TSHR-F631\ RMAVLIFTDF	253	>TSHR-F631\ RMAVLIVTDF	242	11
>TSHR-F631\ RMAVLIFTDF	347	>TSHR-F631\ RMAVLIVTDF	465	118
>TSHR-F631\ RMAVLIFTDF	146	>TSHR-F631\ RMAVLIVTDF	183	37
>TSHR-F631\ KRMAVLIFTD	577	>TSHR-F631\ KRMAVLIVTC	308	269
>TSHR-F631\ KRMAVLIF	8	>TSHR-F631\ KRMAVLIV	187	179
>TSHR-F631\ KRMAVLIFTD	14	>TSHR-F631\ KRMAVLIVTC	13	1
>TSHR-F631\ KRMAVLIF	26	>TSHR-F631\ KRMAVLIV	38	12
>TSHR-F631\ KRMAVLIFT	117	>TSHR-F631\ KRMAVLIVT	172	55
>TSHR-F631\ KRMAVLIFTD	38	>TSHR-F631\ KRMAVLIVTC	42	4
>TSHR-F631\ KRMAVLIF	966	>TSHR-F631\ KRMAVLIV	458	508
>TSHR-F631\ KRMAVLIF	139	>TSHR-F631\ KRMAVLIV	148	9
>TSHR-F631\ KRMAVLIFT	62	>TSHR-F631\ KRMAVLIVT	70	8
>TSHR-F631\ KRMAVLIFTD	499	>TSHR-F631\ KRMAVLIVTC	414	85
>TSHR-F631\ KRMAVLIFTD	45	>TSHR-F631\ KRMAVLIVTC	53	8
>TSHR-F631\ KRMAVLIFTD	28	>TSHR-F631\ KRMAVLIVTC	52	24
>TSHR-F631\ AKRMAVLIF	3681	>TSHR-F631\ AKRMAVLIV	249	3432
>TSHR-F631\ AKRMAVLIF	3	>TSHR-F631\ AKRMAVLIV	19	16
>TSHR-F631\ IAKRMAVLIF	3159	>TSHR-F631\ IAKRMAVLIV	186	2973
>TSHR-F631\ IAKRMAVLIF	326	>TSHR-F631\ IAKRMAVLIV	10401	10075
>TSHR-F631\ IAKRMAVLIF	21	>TSHR-F631\ IAKRMAVLIV	1412	1391
>TSHR-F631\ IAKRMAVLIF	37	>TSHR-F631\ IAKRMAVLIV	6552	6515
>TSHR-F631\ IAKRMAVLIF	308	>TSHR-F631\ IAKRMAVLIV	13193	12885
>TSHR-F631\ IAKRMAVLIF	214	>TSHR-F631\ IAKRMAVLIV	14942	14728
>TSHR-F666L FYPLNSCANP	232	>TSHR-F666L LYPLNSCANP	328	96
>TSHR-F666L FYPLNSCANP	119	>TSHR-F666L LYPLNSCANP	72	47
>TSHR-F666L FYPLNSCANP	5	>TSHR-F666L LYPLNSCANP	6	1
>TSHR-F666L LFYPLNSCA	19106	>TSHR-F666L LLYPLNSCA	140	18966
>TSHR-F666L LFYPLNSCA	2335	>TSHR-F666L LLYPLNSCA	37	2298
>TSHR-F666L LFYPLNSC	18207	>TSHR-F666L LLYPLNSC	213	17994
>TSHR-F666L LFYPLNSCA	11799	>TSHR-F666L LLYPLNSCA	18	11781
>TSHR-F666L LFYPLNSCA	13099	>TSHR-F666L LLYPLNSCA	422	12677
>TSHR-F666L LFYPLNSC	10019	>TSHR-F666L LLYPLNSC	19	10000
>TSHR-F666L LFYPLNSCA	13222	>TSHR-F666L LLYPLNSCA	31	13191

>TSHR-F666L LFYPLNSC	17911	>TSHR-F666L LLYPLNSC	210	17701
>TSHR-F666L LFYPLNSCA	17916	>TSHR-F666L LLYPLNSCA	123	17793
>TSHR-F666L LFYPLNSCA	13058	>TSHR-F666L LLYPLNSCA	23	13035
>TSHR-F666L LFYPLNSC	12527	>TSHR-F666L LLYPLNSC	8	12519
>TSHR-F666L LFYPLNSCA	13105	>TSHR-F666L LLYPLNSCA	9	13096
>TSHR-F666L LFYPLNSC	312	>TSHR-F666L LLYPLNSC	13657	13345
>TSHR-F666L LFYPLNSCA	481	>TSHR-F666L LLYPLNSCA	17621	17140
>TSHR-F666L VSNSKILLVLF	483	>TSHR-F666L VSNSKILLVLL	320	163
>TSHR-F666L VSNSKILLVLF	128	>TSHR-F666L VSNSKILLVLL	2999	2871
>TSHR-F666L VSNSKILLVLF	7	>TSHR-F666L VSNSKILLVLL	67	60
>TSHR-F666L VSNSKILLVLF	44	>TSHR-F666L VSNSKILLVLL	850	806
>TSHR-F666L VSNSKILLVLF	207	>TSHR-F666L VSNSKILLVLL	125	82
>TSHR-F666L VSNSKILLVLF	61	>TSHR-F666L VSNSKILLVLL	398	337
>TSHR-F666L VLFYPLNSCA	221	>TSHR-F666L VLLYPLNSCA	635	414
>TSHR-F666L VLFYPLNSCA	201	>TSHR-F666L VLLYPLNSCA	462	261
>TSHR-F666L VLFYPLNSC	56	>TSHR-F666L VLLYPLNSC	90	34
>TSHR-F666L VLFYPLNSCA	70	>TSHR-F666L VLLYPLNSCA	120	50
>TSHR-F666L VLFYPLNSC	449	>TSHR-F666L VLLYPLNSC	299	150
>TSHR-F666L VLFYPLNSCA	215	>TSHR-F666L VLLYPLNSCA	154	61
>TSHR-F666L VLFYPLNSCA	130	>TSHR-F666L VLLYPLNSCA	134	4
>TSHR-F666L VLFYPLNSCA	2012	>TSHR-F666L VLLYPLNSCA	218	1794
>TSHR-F666L VLFYPLNSC	134	>TSHR-F666L VLLYPLNSC	264	130
>TSHR-F666L VLFYPLNSCA	58	>TSHR-F666L VLLYPLNSCA	106	48
>TSHR-F666L LLVLFYPL	46	>TSHR-F666L LLVLLYPL	579	533
>TSHR-F666L LLVLFYPL	33	>TSHR-F666L LLVLLYPL	45	12
>TSHR-F666L LLVLFYPL	26	>TSHR-F666L LLVLLYPL	35	9
>TSHR-F666L LLVLFYPL	82	>TSHR-F666L LLVLLYPL	83	1
>TSHR-F666L LLVLFYPL	58	>TSHR-F666L LLVLLYPL	72	14
>TSHR-F666L LLVLFYPL	17	>TSHR-F666L LLVLLYPL	24	7
>TSHR-F666L LLVLFYPLNSC	413	>TSHR-F666L LLVLLYPLNSC	807	394
>TSHR-F666L LLVLFYPL	25	>TSHR-F666L LLVLLYPL	27	2
>TSHR-F666L LLVLFYPL	80	>TSHR-F666L LLVLLYPL	60	20
>TSHR-F666L LLVLFYPL	284	>TSHR-F666L LLVLLYPL	271	13
>TSHR-F666L LLVLFYPL	8	>TSHR-F666L LLVLLYPL	9	1
>TSHR-F666L LLVLFYPLNSC	146	>TSHR-F666L LLVLLYPLNSC	223	77
>TSHR-F666L LLVLFYPL	446	>TSHR-F666L LLVLLYPL	1305	859
>TSHR-F666L ILLVLFYPL	424	>TSHR-F666L ILLVLLYPL	311	113
>TSHR-F666L ILLVLFYPL	125	>TSHR-F666L ILLVLLYPL	309	184
>TSHR-F666L ILLVLFYPL	11	>TSHR-F666L ILLVLLYPL	10	1
>TSHR-F666L ILLVLFYPL	37	>TSHR-F666L ILLVLLYPL	31	6
>TSHR-F666L ILLVLFYPL	525	>TSHR-F666L ILLVLLYPL	235	290
>TSHR-F666L ILLVLFYPL	19	>TSHR-F666L ILLVLLYPL	24	5
>TSHR-F666L ILLVLFYP	356	>TSHR-F666L ILLVLLYP	780	424

>TSHR-F666L ILLVLFYPL	5	>TSHR-F666L ILLVLLYPL	4	1
>TSHR-F666L ILLVLFYPL	6	>TSHR-F666L ILLVLLYPL	4	2
>TSHR-F666L ILLVLFYPL	11	>TSHR-F666L ILLVLLYPL	9	2
>TSHR-F666L ILLVLFYPL	8	>TSHR-F666L ILLVLLYPL	4	4
>TSHR-F666L ILLVLFYPL	9	>TSHR-F666L ILLVLLYPL	7	2
>TSHR-F666L ILLVLFYPL	76	>TSHR-F666L ILLVLLYPL	98	22
>TSHR-F666L ILLVLFYPL	91	>TSHR-F666L ILLVLLYPL	661	570
>TSHR-F666L ILLVLFYPL	144	>TSHR-F666L ILLVLLYPL	602	458
>TSHR-F666L KILLVLFYPL	64	>TSHR-F666L KILLVLLYPL	51	13
>TSHR-F666L KILLVLFYPL	65	>TSHR-F666L KILLVLLYPL	49	16
>TSHR-F666L KILLVLFYPL	567	>TSHR-F666L KILLVLLYPL	400	167
>TSHR-F666L KILLVLFYPL	34	>TSHR-F666L KILLVLLYPL	34	0
>TSHR-F666L KILLVLFYPL	21	>TSHR-F666L KILLVLLYPL	23	2
>TSHR-F666L KILLVLFYPL	34	>TSHR-F666L KILLVLLYPL	50	16
>TSHR-F666L KILLVLFYPL	51	>TSHR-F666L KILLVLLYPL	66	15
>TSHR-F666L KILLVLFYPL	146	>TSHR-F666L KILLVLLYPL	220	74
>TSHR-F666L KILLVLFY	99	>TSHR-F666L KILLVLLY	127	28
>TSHR-F666L KILLVLFY	47	>TSHR-F666L KILLVLLY	92	45
>TSHR-F666L KILLVLFY	29	>TSHR-F666L KILLVLLY	21	8
>TSHR-F666L KILLVLFY	357	>TSHR-F666L KILLVLLY	1183	826
>TSHR-F666L KILLVLFYPL	416	>TSHR-F666L KILLVLLYPL	387	29
>TSHR-F666L KILLVLFY	83	>TSHR-F666L KILLVLLY	283	200
>TSHR-F666L KILLVLFYPL	283	>TSHR-F666L KILLVLLYPL	439	156
>TSHR-F666L KILLVLFY	555	>TSHR-F666L KILLVLLY	302	253
>TSHR-F666L KILLVLFYPL	17	>TSHR-F666L KILLVLLYPL	20	3
>TSHR-F666L KILLVLFY	7	>TSHR-F666L KILLVLLY	7	0
>TSHR-F666L KILLVLFY	447	>TSHR-F666L KILLVLLY	462	15
>TSHR-F666L KILLVLFY	105	>TSHR-F666L KILLVLLY	103	2
>TSHR-F666L KILLVLFY	932	>TSHR-F666L KILLVLLY	480	452
>TSHR-F666L SKILLVLFY	461	>TSHR-F666L SKILLVLLY	4786	4325
>TSHR-F666L SKILLVLFY	64	>TSHR-F666L SKILLVLLY	46	18
>TSHR-F666L SKILLVLFY	18	>TSHR-F666L SKILLVLLY	21	3
>TSHR-F666L SKILLVLF	15	>TSHR-F666L SKILLVLL	430	415
>TSHR-F666L SKILLVLFY	36	>TSHR-F666L SKILLVLLY	55	19
>TSHR-F666L SKILLVLFYPL	70	>TSHR-F666L SKILLVLLYPL	152	82
>TSHR-F666L SKILLVLF	8057	>TSHR-F666L SKILLVLL	399	7658
>TSHR-F666L SKILLVLFYPL	61	>TSHR-F666L SKILLVLLYPL	75	14
>TSHR-F666L SKILLVLFYPL	451	>TSHR-F666L SKILLVLLYPL	728	277
>TSHR-F666L NSKILLVLFY	270	>TSHR-F666L NSKILLVLLY	669	399
>TSHR-F666L NSKILLVLFY	419	>TSHR-F666L NSKILLVLLY	622	203
>TSHR-F666L NSKILLVLFY	106	>TSHR-F666L NSKILLVLLY	154	48
>TSHR-F666L NSKILLVLF	112	>TSHR-F666L NSKILLVLL	2104	1992
>TSHR-F666L NSKILLVLFY	66	>TSHR-F666L NSKILLVLLY	86	20

>TSHR-F666L NSKILLVLF	304	>TSHR-F666L NSKILLVLL	1745	1441
>TSHR-F666L NSKILLVLFY	186	>TSHR-F666L NSKILLVLLY	256	70
>TSHR-F666L SNSKILLVLFY	50	>TSHR-F666L SNSKILLVLLY	38	12
>TSHR-F666L SNSKILLVLFY	243	>TSHR-F666L SNSKILLVLLY	592	349
>TSHR-F666L SNSKILLVLFY	10	>TSHR-F666L SNSKILLVLLY	11	1
>TSHR-F666L SNSKILLVLFY	158	>TSHR-F666L SNSKILLVLLY	80	78
>TSHR-G336I GYKEKSKF	470	>TSHR-G336I EYKEKSKF	1099	629
>TSHR-G336I GYKEKSKF	23	>TSHR-G336I EYKEKSKF	83	60
>TSHR-G336I VGYKEKSKFQ	24830	>TSHR-G336I VEYKEKSKFQ	248	24582
>TSHR-G336I VGYKEKSKF	281	>TSHR-G336I VEYKEKSKF	54	227
>TSHR-G336I VGYKEKSKF	328	>TSHR-G336I VEYKEKSKF	13113	12785
>TSHR-G336I VGYKEKSKF	21432	>TSHR-G336I VEYKEKSKF	121	21311
>TSHR-G336I VGYKEKSKF	57	>TSHR-G336I VEYKEKSKF	493	436
>TSHR-G336I VGYKEKSKF	36057	>TSHR-G336I VEYKEKSKF	224	35833
>TSHR-G336I SIVGYKEKSK	315	>TSHR-G336I SIVEYKEKSK	1299	984
>TSHR-G336I SIVGYKEK	91	>TSHR-G336I SIVEYKEK	90	1
>TSHR-G336I SIVGYKEKSK	178	>TSHR-G336I SIVEYKEKSK	315	137
>TSHR-G336I SIVGYKEKSKF	159	>TSHR-G336I SIVEYKEKSKF	235	76
>TSHR-G336I SIVGYKEK	482	>TSHR-G336I SIVEYKEK	377	105
>TSHR-G336I SIVGYKEKSKF	155	>TSHR-G336I SIVEYKEKSKF	485	330
>TSHR-G336I DSIVGYKEK	245	>TSHR-G336I DSIVEYKEK	323	78
>TSHR-G336I DSIVGYKEKSI	324	>TSHR-G336I DSIVEYKEKSK	358	34
>TSHR-G336I LGDSIVGY	1210	>TSHR-G336I LGDSIVEY	419	791
>TSHR-G336I NLGDSIVGY	530	>TSHR-G336I NLGDSIVEY	360	170
>TSHR-G336I NLGDSIVGYK	99	>TSHR-G336I NLGDSIVEYK	173	74
>TSHR-G336I NLGDSIVGYK	644	>TSHR-G336I NLGDSIVEYK	274	370
>TSHR-G336I NLGDSIVGY	813	>TSHR-G336I NLGDSIVEY	474	339
>TSHR-G336I NLGDSIVGYK	553	>TSHR-G336I NLGDSIVEYK	91	462
>TSHR-G336I NLGDSIVGY	205	>TSHR-G336I NLGDSIVEY	185	20
>TSHR-G336I NLGDSIVGY	271	>TSHR-G336I NLGDSIVEY	479	208
>TSHR-G336I ENLGDSIVGY	335	>TSHR-G336I ENLGDSIVEY	442	107
>TSHR-G336I ENLGDSIVGY	96	>TSHR-G336I ENLGDSIVEY	953	857
>TSHR-G336I ENLGDSIVGY	486	>TSHR-G336I ENLGDSIVEYI	297	189
>TSHR-G336I EENLGDSIVG	183	>TSHR-G336I EENLGDSIVE`	110	73
>TSHR-G336I EENLGDSIVG	465	>TSHR-G336I EENLGDSIVE`	320	145
>TSHR-G336I EENLGDSIVG	160	>TSHR-G336I EENLGDSIVE`	138	22
>TSHR-G431!GNV FVLLI	136	>TSHR-G431!LSNV FVLLI	511	375
>TSHR-G431!LGNV FVLL	1142	>TSHR-G431!LSNV FVLL	226	916
>TSHR-G431!LGNV FVLLLILL	1181	>TSHR-G431!LSNV FVLLLILL	319	862
>TSHR-G431!LGNV FVLL	1134	>TSHR-G431!LSNV FVLL	495	639
>TSHR-G431!LGNV FVLL	13173	>TSHR-G431!LSNV FVLL	168	13005
>TSHR-G431!LGNV FVLLI	13291	>TSHR-G431!LSNV FVLLI	152	13139
>TSHR-G431!LGNV FVLLIL	11467	>TSHR-G431!LSNV FVLLIL	84	11383



>TSHR-G431!LGNVFLVLLILL	11767	>TSHR-G431!LSNVFVLLILL	83	11684
>TSHR-G431!LGNVFLVLL	5972	>TSHR-G431!LSNVFVLL	132	5840
>TSHR-G431!LGNVFLVLLI	504	>TSHR-G431!LSNVFVLLI	26	478
>TSHR-G431!LGNVFLVLLIL	1790	>TSHR-G431!LSNVFVLLIL	41	1749
>TSHR-G431!LGNVFLVLLILL	2842	>TSHR-G431!LSNVFVLLILL	76	2766
>TSHR-G431!LGNVFLVLL	10476	>TSHR-G431!LSNVFVLL	156	10320
>TSHR-G431!LGNVFLVLLI	3988	>TSHR-G431!LSNVFVLLI	200	3788
>TSHR-G431!LGNVFLVLLIL	4764	>TSHR-G431!LSNVFVLLIL	293	4471
>TSHR-G431!LGNVFLVLLILL	2116	>TSHR-G431!LSNVFVLLILL	96	2020
>TSHR-G431!LGNVFLVLL	11542	>TSHR-G431!LSNVFVLL	298	11244
>TSHR-G431!LGNVFLVLLIL	2187	>TSHR-G431!LSNVFVLLIL	137	2050
>TSHR-G431!LGNVFLVLLILL	3172	>TSHR-G431!LSNVFVLLILL	259	2913
>TSHR-G431!LGNVFLVLLI	826	>TSHR-G431!LSNVFVLLI	34	792
>TSHR-G431!LGNVFLVLLIL	9501	>TSHR-G431!LSNVFVLLIL	72	9429
>TSHR-G431!VWFVSLALL	264	>TSHR-G431!VWFVSLALL	356	92
>TSHR-G431!LLGNVFLV	69	>TSHR-G431!LLSNVFLV	33	36
>TSHR-G431!LLGNVFLVLL	63	>TSHR-G431!LLSNVFLVLL	32	31
>TSHR-G431!LLGNVFLVLLI	136	>TSHR-G431!LLSNVFLVLLI	103	33
>TSHR-G431!LLGNVFLVLLIL	134	>TSHR-G431!LLSNVFLVLLIL	54	80
>TSHR-G431!LLGNVFLV	56	>TSHR-G431!LLSNVFLV	7	49
>TSHR-G431!LLGNVFLVLL	20	>TSHR-G431!LLSNVFLVLL	4	16
>TSHR-G431!LLGNVFLVLLI	24	>TSHR-G431!LLSNVFLVLLI	14	10
>TSHR-G431!LLGNVFLVLLIL	144	>TSHR-G431!LLSNVFLVLLIL	14	130
>TSHR-G431!LLGNVFLV	292	>TSHR-G431!LLSNVFLV	26	266
>TSHR-G431!LLGNVFLVLL	262	>TSHR-G431!LLSNVFLVLL	29	233
>TSHR-G431!LLGNVFLVLLI	65	>TSHR-G431!LLSNVFLVLLI	36	29
>TSHR-G431!LLGNVFLVLLIL	302	>TSHR-G431!LLSNVFLVLLIL	33	269
>TSHR-G431!LLGNVFLV	237	>TSHR-G431!LLSNVFLV	58	179
>TSHR-G431!LLGNVFLVLL	139	>TSHR-G431!LLSNVFLVLL	39	100
>TSHR-G431!LLGNVFLVLLI	309	>TSHR-G431!LLSNVFLVLLI	169	140
>TSHR-G431!LLGNVFLVLLIL	506	>TSHR-G431!LLSNVFLVLLIL	120	386
>TSHR-G431!LLGNVFLV	4	>TSHR-G431!LLSNVFLV	5	1
>TSHR-G431!LLGNVFLVLL	6	>TSHR-G431!LLSNVFLVLL	9	3
>TSHR-G431!LLGNVFLVLLI	7	>TSHR-G431!LLSNVFLVLLI	9	2
>TSHR-G431!LLGNVFLVLLIL	16	>TSHR-G431!LLSNVFLVLLIL	22	6
>TSHR-G431!LLGNVFLV	7	>TSHR-G431!LLSNVFLV	8	1
>TSHR-G431!LLGNVFLVLL	20	>TSHR-G431!LLSNVFLVLL	26	6
>TSHR-G431!LLGNVFLVLLI	42	>TSHR-G431!LLSNVFLVLLI	57	15
>TSHR-G431!LLGNVFLVLLIL	27	>TSHR-G431!LLSNVFLVLLIL	33	6
>TSHR-G431!LLGNVFLV	12	>TSHR-G431!LLSNVFLV	13	1
>TSHR-G431!LLGNVFLVLL	14	>TSHR-G431!LLSNVFLVLL	16	2
>TSHR-G431!LLGNVFLVLLI	25	>TSHR-G431!LLSNVFLVLLI	28	3
>TSHR-G431!LLGNVFLVLLIL	24	>TSHR-G431!LLSNVFLVLLIL	27	3

>TSHR-G431!LLGNVFVL	12	>TSHR-G431!LLSNVFVL	11	1
>TSHR-G431!LLGNVFL	72	>TSHR-G431!LLSNVFL	64	8
>TSHR-G431!LLGNVFL	126	>TSHR-G431!LLSNVFL	105	21
>TSHR-G431!LLGNVFL	128	>TSHR-G431!LLSNVFL	104	24
>TSHR-G431!LLGNVFVL	3	>TSHR-G431!LLSNVFVL	3	0
>TSHR-G431!LLGNVFL	3	>TSHR-G431!LLSNVFL	3	0
>TSHR-G431!LLGNVFL	8	>TSHR-G431!LLSNVFL	7	1
>TSHR-G431!LLGNVFL	6	>TSHR-G431!LLSNVFL	5	1
>TSHR-G431!LLGNVFVL	438	>TSHR-G431!LLSNVFVL	258	180
>TSHR-G431!ALLGNVFVL	1436	>TSHR-G431!ALLSNVFVL	103	1333
>TSHR-G431!ALLGNVFV	9	>TSHR-G431!ALLSNVFV	8	1
>TSHR-G431!ALLGNVFL	14	>TSHR-G431!ALLSNVFL	12	2
>TSHR-G431!ALLGNVFL	43	>TSHR-G431!ALLSNVFL	48	5
>TSHR-G431!ALLGNVFL	17	>TSHR-G431!ALLSNVFL	16	1
>TSHR-G431!ALLGNVFV	8	>TSHR-G431!ALLSNVFV	7	1
>TSHR-G431!ALLGNVFL	39	>TSHR-G431!ALLSNVFL	31	8
>TSHR-G431!ALLGNVFL	37	>TSHR-G431!ALLSNVFL	25	12
>TSHR-G431!ALLGNVFL	76	>TSHR-G431!ALLSNVFL	75	1
>TSHR-G431!ALLGNVFV	17	>TSHR-G431!ALLSNVFV	13	4
>TSHR-G431!ALLGNVFL	141	>TSHR-G431!ALLSNVFL	91	50
>TSHR-G431!ALLGNVFL	70	>TSHR-G431!ALLSNVFL	59	11
>TSHR-G431!ALLGNVFL	69	>TSHR-G431!ALLSNVFL	51	18
>TSHR-G431!ALLGNVFV	6	>TSHR-G431!ALLSNVFV	7	1
>TSHR-G431!ALLGNVFL	19	>TSHR-G431!ALLSNVFL	23	4
>TSHR-G431!ALLGNVFL	127	>TSHR-G431!ALLSNVFL	161	34
>TSHR-G431!ALLGNVFL	70	>TSHR-G431!ALLSNVFL	72	2
>TSHR-G431!ALLGNVFV	1	>TSHR-G431!ALLSNVFV	1	0
>TSHR-G431!ALLGNVFL	2	>TSHR-G431!ALLSNVFL	2	0
>TSHR-G431!ALLGNVFL	2	>TSHR-G431!ALLSNVFL	3	1
>TSHR-G431!ALLGNVFL	2	>TSHR-G431!ALLSNVFL	3	1
>TSHR-G431!ALLGNVFV	3	>TSHR-G431!ALLSNVFV	3	0
>TSHR-G431!ALLGNVFL	3	>TSHR-G431!ALLSNVFL	3	0
>TSHR-G431!ALLGNVFL	7	>TSHR-G431!ALLSNVFL	6	1
>TSHR-G431!ALLGNVFL	14	>TSHR-G431!ALLSNVFL	12	2
>TSHR-G431!ALLGNVFV	4	>TSHR-G431!ALLSNVFV	4	0
>TSHR-G431!ALLGNVFL	5	>TSHR-G431!ALLSNVFL	6	1
>TSHR-G431!ALLGNVFL	6	>TSHR-G431!ALLSNVFL	7	1
>TSHR-G431!ALLGNVFL	8	>TSHR-G431!ALLSNVFL	10	2
>TSHR-G431!ALLGNVFV	2	>TSHR-G431!ALLSNVFV	2	0
>TSHR-G431!ALLGNVFL	3	>TSHR-G431!ALLSNVFL	3	0
>TSHR-G431!ALLGNVFL	7	>TSHR-G431!ALLSNVFL	9	2
>TSHR-G431!ALLGNVFL	11	>TSHR-G431!ALLSNVFL	12	1
>TSHR-G431!ALLGNVFV	2	>TSHR-G431!ALLSNVFV	2	0

>TSHR-G431!ALLGNVFVL	2	>TSHR-G431!ALLSNVFVL	2	0
>TSHR-G431!ALLGNVFL	2	>TSHR-G431!ALLSNVFL	3	1
>TSHR-G431!ALLGNVFL	3	>TSHR-G431!ALLSNVFL	5	2
>TSHR-G431!ALLGNVFL	62	>TSHR-G431!ALLSNVFL	153	91
>TSHR-G431!ALLGNVFL	81	>TSHR-G431!ALLSNVFL	190	109
>TSHR-G431!ALLGNVFL	51	>TSHR-G431!ALLSNVFL	100	49
>TSHR-G431!ALLGNVFL	268	>TSHR-G431!ALLSNVFL	176	92
>TSHR-G431!ALLGNVFL	2058	>TSHR-G431!ALLSNVFL	146	1912
>TSHR-G431!ALLGNVFL	1860	>TSHR-G431!ALLSNVFL	262	1598
>TSHR-G431!ALLGNVFL	2791	>TSHR-G431!ALLSNVFL	454	2337
>TSHR-G431!ALLGNVFL	134	>TSHR-G431!ALLSNVFL	141	7
>TSHR-G431!ALLGNVFL	190	>TSHR-G431!ALLSNVFL	77	113
>TSHR-G431!LALLGNVFL	493	>TSHR-G431!LALLSNVFL	586	93
>TSHR-G431!LALLGNVFL	33	>TSHR-G431!LALLSNVFL	54	21
>TSHR-G431!LALLGNVFL	212	>TSHR-G431!LALLSNVFL	284	72
>TSHR-G431!LALLGNVFL	265	>TSHR-G431!LALLSNVFL	427	162
>TSHR-G431!LALLGNVFL	138	>TSHR-G431!LALLSNVFL	418	280
>TSHR-G431!LALLGNVFL	224	>TSHR-G431!LALLSNVFL	552	328
>TSHR-G431!LALLGNVFL	159	>TSHR-G431!LALLSNVFL	274	115
>TSHR-G431!LALLGNVFL	118	>TSHR-G431!LALLSNVFL	154	36
>TSHR-G431!LALLGNVFL	444	>TSHR-G431!LALLSNVFL	309	135
>TSHR-G431!LALLGNVFL	52	>TSHR-G431!LALLSNVFL	24	28
>TSHR-G431!LALLGNVFL	31	>TSHR-G431!LALLSNVFL	15	16
>TSHR-G431!LALLGNVFL	78	>TSHR-G431!LALLSNVFL	47	31
>TSHR-G431!LALLGNVFL	640	>TSHR-G431!LALLSNVFL	335	305
>TSHR-G431!LALLGNVFL	80	>TSHR-G431!LALLSNVFL	56	24
>TSHR-G431!LALLGNVFL	496	>TSHR-G431!LALLSNVFL	177	319
>TSHR-G431!LALLGNVFL	730	>TSHR-G431!LALLSNVFL	494	236
>TSHR-G431!LALLGNVFL	198	>TSHR-G431!LALLSNVFL	209	11
>TSHR-G431!LLALLGNV	135	>TSHR-G431!LLALLSNV	36	99
>TSHR-G431!LLALLGNVFL	36	>TSHR-G431!LLALLSNVFL	31	5
>TSHR-G431!LLALLGNVFL	161	>TSHR-G431!LLALLSNVFL	82	79
>TSHR-G431!LLALLGNV	12	>TSHR-G431!LLALLSNV	5	7
>TSHR-G431!LLALLGNVFL	28	>TSHR-G431!LLALLSNVFL	23	5
>TSHR-G431!LLALLGNVFL	20	>TSHR-G431!LLALLSNVFL	11	9
>TSHR-G431!LLALLGNV	8	>TSHR-G431!LLALLSNV	5	3
>TSHR-G431!LLALLGNVFL	46	>TSHR-G431!LLALLSNVFL	48	2
>TSHR-G431!LLALLGNVFL	87	>TSHR-G431!LLALLSNVFL	62	25
>TSHR-G431!LLALLGNV	138	>TSHR-G431!LLALLSNV	55	83
>TSHR-G431!LLALLGNVFL	130	>TSHR-G431!LLALLSNVFL	122	8
>TSHR-G431!LLALLGNVFL	289	>TSHR-G431!LLALLSNVFL	215	74
>TSHR-G431!LLALLGNV	13	>TSHR-G431!LLALLSNV	9	4
>TSHR-G431!LLALLGNVFL	9	>TSHR-G431!LLALLSNVFL	9	0

>TSHR-G431!LLALLGNV\FV\	39	>TSHR-G431!LLALLSNV\FV\	37	2
>TSHR-G431!LLALLGNV	37	>TSHR-G431!LLALLSNV	12	25
>TSHR-G431!LLALLGNV\FV	14	>TSHR-G431!LLALLSNV\FV	10	4
>TSHR-G431!LLALLGNV\FV\	43	>TSHR-G431!LLALLSNV\FV\	24	19
>TSHR-G431!LLALLGNV	13	>TSHR-G431!LLALLSNV	8	5
>TSHR-G431!LLALLGNV\FV	7	>TSHR-G431!LLALLSNV\FV	7	0
>TSHR-G431!LLALLGNV\FV\	35	>TSHR-G431!LLALLSNV\FV\	27	8
>TSHR-G431!LLALLGNV	18	>TSHR-G431!LLALLSNV	4	14
>TSHR-G431!LLALLGNV\FV	6	>TSHR-G431!LLALLSNV\FV	4	2
>TSHR-G431!LLALLGNV\FV\	48	>TSHR-G431!LLALLSNV\FV\	16	32
>TSHR-G431!LLALLGNV	3	>TSHR-G431!LLALLSNV	2	1
>TSHR-G431!LLALLGNV\FV	3	>TSHR-G431!LLALLSNV\FV	3	0
>TSHR-G431!LLALLGNV\FV\	9	>TSHR-G431!LLALLSNV\FV\	7	2
>TSHR-G431!LLALLGNV\F	56	>TSHR-G431!LLALLSNV\F	40	16
>TSHR-G431!LLALLGNV\FV\	543	>TSHR-G431!LLALLSNV\FV\	383	160
>TSHR-G431!LLALLGNV\F	489	>TSHR-G431!LLALLSNV\F	842	353
>TSHR-G431!LLALLGNV\F	84	>TSHR-G431!LLALLSNV\F	95	11
>TSHR-G431!LLALLGNV\F	1112	>TSHR-G431!LLALLSNV\F	391	721
>TSHR-G431!LLALLGNV\F	275	>TSHR-G431!LLALLSNV\F	328	53
>TSHR-G431!SLLALLGNV	1687	>TSHR-G431!SLLALLSNV	398	1289
>TSHR-G431!SLLALLGNV	17	>TSHR-G431!SLLALLSNV	9	8
>TSHR-G431!SLLALLGNV\F\	10	>TSHR-G431!SLLALLSNV\FV\	9	1
>TSHR-G431!SLLALLGNV	29	>TSHR-G431!SLLALLSNV	9	20
>TSHR-G431!SLLALLGNV\F\	10	>TSHR-G431!SLLALLSNV\FV\	7	3
>TSHR-G431!SLLALLGNV	9	>TSHR-G431!SLLALLSNV	5	4
>TSHR-G431!SLLALLGNV\F\	23	>TSHR-G431!SLLALLSNV\FV\	19	4
>TSHR-G431!SLLALLGNV	20	>TSHR-G431!SLLALLSNV	9	11
>TSHR-G431!SLLALLGNV\F\	10	>TSHR-G431!SLLALLSNV\FV\	9	1
>TSHR-G431!SLLALLGNV	2	>TSHR-G431!SLLALLSNV	2	0
>TSHR-G431!SLLALLGNV\F\	2	>TSHR-G431!SLLALLSNV\FV\	2	0
>TSHR-G431!SLLALLGNV	9	>TSHR-G431!SLLALLSNV	5	4
>TSHR-G431!SLLALLGNV\F\	5	>TSHR-G431!SLLALLSNV\FV\	4	1
>TSHR-G431!SLLALLGNV	5	>TSHR-G431!SLLALLSNV	4	1
>TSHR-G431!SLLALLGNV\F\	4	>TSHR-G431!SLLALLSNV\FV\	4	0
>TSHR-G431!SLLALLGNV	13	>TSHR-G431!SLLALLSNV	4	9
>TSHR-G431!SLLALLGNV\F\	4	>TSHR-G431!SLLALLSNV\FV\	4	0
>TSHR-G431!SLLALLGNV	2	>TSHR-G431!SLLALLSNV	2	0
>TSHR-G431!SLLALLGNV\F\	2	>TSHR-G431!SLLALLSNV\FV\	2	0
>TSHR-G431!SLLALLGNV\F	500	>TSHR-G431!SLLALLSNV\F	131	369
>TSHR-G431!SLLALLGNV\F\	495	>TSHR-G431!SLLALLSNV\FV\	421	74
>TSHR-G431!SLLALLGNV	33	>TSHR-G431!SLLALLSNV	31	2
>TSHR-G431!SLLALLGNV\F\	23	>TSHR-G431!SLLALLSNV\FV\	26	3
>TSHR-G431!SLLALLGNV\F	116	>TSHR-G431!SLLALLSNV\F	74	42

>TSHR-G431!SLLALLGNVF	123	>TSHR-G431!SLLALLSNVF	122	1
>TSHR-G431!SLLALLGNVF	127	>TSHR-G431!SLLALLSNVF	49	78
>TSHR-G431!SLLALLGNVF	1168	>TSHR-G431!SLLALLSNVF	375	793
>TSHR-G431!VSL LALLGNV	652	>TSHR-G431!VSL LALLSNVF	467	185
>TSHR-G431!VSL LALLGNV	381	>TSHR-G431!VSL LALLSNV	211	170
>TSHR-G431!VSL LALLGNV	717	>TSHR-G431!VSL LALLSNVF	399	318
>TSHR-G431!VSL LALLGNV	71	>TSHR-G431!VSL LALLSNVF	55	16
>TSHR-G431!VSL LALLGNV	463	>TSHR-G431!VSL LALLSNV	160	303
>TSHR-G431!VSL LALLGNV	7	>TSHR-G431!VSL LALLSNVF	6	1
>TSHR-G431!VSL LALLGNV	172	>TSHR-G431!VSL LALLSNVF	69	103
>TSHR-G431!VSL LALLGNV	45	>TSHR-G431!VSL LALLSNVF	37	8
>TSHR-G431!FVSL LALLGN	233	>TSHR-G431!FVSL LALLSNV	95	138
>TSHR-G431!FVSL LALLGN	21	>TSHR-G431!FVSL LALLSNV	11	10
>TSHR-G431!FVSL LALLGN	14	>TSHR-G431!FVSL LALLSNV	9	5
>TSHR-G431!FVSL LALLGN	22	>TSHR-G431!FVSL LALLSNV	13	9
>TSHR-G431!FVSL LALLGN	257	>TSHR-G431!FVSL LALLSNV	148	109
>TSHR-G431!FVSL LALLGN	957	>TSHR-G431!FVSL LALLSNV	294	663
>TSHR-G431!FVSL LALLGN	179	>TSHR-G431!FVSL LALLSNV	81	98
>TSHR-G431!FVSL LALLGN	567	>TSHR-G431!FVSL LALLSNV	102	465
>TSHR-G431!FVSL LALLGN	26	>TSHR-G431!FVSL LALLSNV	9	17
>TSHR-G431!FVSL LALLGN	19	>TSHR-G431!FVSL LALLSNV	19	0
>TSHR-G431!FVSL LALLGN	76	>TSHR-G431!FVSL LALLSNV	74	2
>TSHR-I486F.YTHSEYYNHA	263	>TSHR-I486F.YTHSEYYNHA	15147	14884
>TSHR-I486F.YTHSEYYNHA	82	>TSHR-I486F.YTHSEYYNHA	4102	4020
>TSHR-I486F.YTHSEYYNHA	139	>TSHR-I486F.YTHSEYYNHA	10280	10141
>TSHR-I486F.YTHSEYYNHA	184	>TSHR-I486F.YTHSEYYNHA	1774	1590
>TSHR-I486F.YTHSEYYNHA	60	>TSHR-I486F.YTHSEYYNHA	5434	5374
>TSHR-I486F.YTHSEYYNHA	484	>TSHR-I486F.YTHSEYYNHA	14502	14018
>TSHR-I486F.YTHSEYYNHA	1810	>TSHR-I486F.YTHSEYYNHA	232	1578
>TSHR-I486F.YTHSEYYNHA	939	>TSHR-I486F.YTHSEYYNHA	50	889
>TSHR-I486F.YTHSEYYNHA	6359	>TSHR-I486F.YTHSEYYNHA	211	6148
>TSHR-I486F.YTHSEYYNHA	640	>TSHR-I486F.YTHSEYYNHA	10	630
>TSHR-I486F.YTHSEYYNHA	5213	>TSHR-I486F.YTHSEYYNHA	150	5063
>TSHR-I486F.YTHSEYYNHA	431	>TSHR-I486F.YTHSEYYNHA	6561	6130
>TSHR-I486F.YTHSEYYNHA	357	>TSHR-I486F.YTHSEYYNHA	250	107
>TSHR-I486F.YTHSEYYNHA	24	>TSHR-I486F.YTHSEYYNHA	5912	5888
>TSHR-I486F.YTHSEYYNHA	61	>TSHR-I486F.YTHSEYYNHA	6959	6898
>TSHR-I486F.YTHSEYYNHA	3530	>TSHR-I486F.YTHSEYYNHA	79	3451
>TSHR-I486F.YTHSEYYNHA	157	>TSHR-I486F.YTHSEYYNHA	9	148
>TSHR-I486F.YTHSEYYNHA	120	>TSHR-I486F.YTHSEYYNHA	6	114
>TSHR-I486F.YTHSEYYNHA	5900	>TSHR-I486F.YTHSEYYNHA	107	5793
>TSHR-I486F.YTHSEYYNHA	83	>TSHR-I486F.YTHSEYYNHA	52	31
>TSHR-I486F.YTHSEYYNHA	550	>TSHR-I486F.YTHSEYYNHA	51	499

>TSHR-I486F·YTHSEYYNHA	9291	>TSHR-I486F·YTHSEYYNHA	261	9030
>TSHR-I486F·YTHSEYYNHA	63	>TSHR-I486F·YTHSEYYNHA	10090	10027
>TSHR-I486F·YYNHAI	320	>TSHR-I486F·YYNHAFDW	84	236
>TSHR-I486F·YYNHAI	408	>TSHR-I486F·YYNHAFDW	81	327
>TSHR-I486F·YYNHAI	12	>TSHR-I486F·YYNHAFDW	7	5
>TSHR-I486F·YYNHAI	631	>TSHR-I486F·YYNHAFDW	267	364
>TSHR-I486F·YYNHAI	120	>TSHR-I486F·YYNHAFDW	77	43
>TSHR-I486F·YYNHAI	358	>TSHR-I486F·YYNHAFDW	240	118
>TSHR-I486F·EYYNHAI	567	>TSHR-I486F·EYYNHAFDW	130	437
>TSHR-I486F·EYYNHAI	963	>TSHR-I486F·EYYNHAFDW	194	769
>TSHR-I486F·EYYNHAI	135	>TSHR-I486F·EYYNHAFDW	48	87
>TSHR-I486F·EYYNHAI	646	>TSHR-I486F·EYYNHAFDW	474	172
>TSHR-I486F·SEYYNHAI	5	>TSHR-I486F·SEYYNHAF	16	11
>TSHR-I486F·SEYYNHAI	342	>TSHR-I486F·SEYYNHAFDV	123	219
>TSHR-I486F·SEYYNHAI	743	>TSHR-I486F·SEYYNHAF	496	247
>TSHR-I486F·SEYYNHAI	6618	>TSHR-I486F·SEYYNHAF	124	6494
>TSHR-I486F·SEYYNHAI	7687	>TSHR-I486F·SEYYNHAF	248	7439
>TSHR-I486F·SEYYNHAI	391	>TSHR-I486F·SEYYNHAF	10	381
>TSHR-I486F·SEYYNHAI	191	>TSHR-I486F·SEYYNHAF	8	183
>TSHR-I486F·SEYYNHAI	20	>TSHR-I486F·SEYYNHAF	45	25
>TSHR-I486F·SEYYNHAI	69	>TSHR-I486F·SEYYNHAF	75	6
>TSHR-I486F·SEYYNHAI	673	>TSHR-I486F·SEYYNHAFDV	158	515
>TSHR-I486F·SEYYNHAI	836	>TSHR-I486F·SEYYNHAF	194	642
>TSHR-I486F·SEYYNHAI	11	>TSHR-I486F·SEYYNHAFDV	9	2
>TSHR-I486F·SEYYNHAI	651	>TSHR-I486F·SEYYNHAF	54	597
>TSHR-I486F·SEYYNHAI	18	>TSHR-I486F·SEYYNHAFDV	13	5
>TSHR-I486F·SEYYNHAI	33	>TSHR-I486F·SEYYNHAF	204	171
>TSHR-I486F·SEYYNHAI	178	>TSHR-I486F·SEYYNHAFDV	166	12
>TSHR-I486F·SEYYNHAI	459	>TSHR-I486F·SEYYNHAFDV	256	203
>TSHR-I486F·SEYYNHAI	32	>TSHR-I486F·SEYYNHAF	2176	2144
>TSHR-I486F·SEYYNHAI	555	>TSHR-I486F·SEYYNHAFDV	495	60
>TSHR-I486F·HSEYYNHAI	3404	>TSHR-I486F·HSEYYNHAF	285	3119
>TSHR-I486F·HSEYYNHAI	297	>TSHR-I486F·HSEYYNHAF	255	42
>TSHR-I486F·HSEYYNHAI	3551	>TSHR-I486F·HSEYYNHAF	80	3471
>TSHR-I486F·HSEYYNHAI	696	>TSHR-I486F·HSEYYNHAF	21	675
>TSHR-I486F·HSEYYNHAI	39	>TSHR-I486F·HSEYYNHAF	33	6
>TSHR-I486F·HSEYYNHAI	3428	>TSHR-I486F·HSEYYNHAF	74	3354
>TSHR-I486F·HSEYYNHAI	331	>TSHR-I486F·HSEYYNHAF	164	167
>TSHR-I486F·HSEYYNHAI	795	>TSHR-I486F·HSEYYNHAF	227	568
>TSHR-I486F·HSEYYNHAI	4572	>TSHR-I486F·HSEYYNHAF	364	4208
>TSHR-I486F·HSEYYNHAI	12247	>TSHR-I486F·HSEYYNHAF	458	11789
>TSHR-I486F·HSEYYNHAI	486	>TSHR-I486F·HSEYYNHAF	412	74
>TSHR-I486F·HSEYYNHAI	1117	>TSHR-I486F·HSEYYNHAF	288	829

>TSHR-I486F·HSEYYNHAI	103	>TSHR-I486F·HSEYYNHAF	20035	19932
>TSHR-I486F·THSEYYNHAI	1041	>TSHR-I486F·THSEYYNHAF	36	1005
>TSHR-I486F·THSEYYNHAI	23	>TSHR-I486F·THSEYYNHAF	28	5
>TSHR-I486M·AIDWQTGPG	539	>TSHR-I486M·AMDWQTGP	15	524
>TSHR-I486M·AIDWQTGPG	4027	>TSHR-I486M·AMDWQTGP	152	3875
>TSHR-I486M·AIDWQTGPG	2075	>TSHR-I486M·AMDWQTGP	58	2017
>TSHR-I486M·YTHSEYYNHA	263	>TSHR-I486M·YTHSEYYNHA	1534	1271
>TSHR-I486M·YTHSEYYNHA	82	>TSHR-I486M·YTHSEYYNHA	435	353
>TSHR-I486M·YTHSEYYNHA	139	>TSHR-I486M·YTHSEYYNHA	2429	2290
>TSHR-I486M·YTHSEYYNHA	184	>TSHR-I486M·YTHSEYYNHA	1234	1050
>TSHR-I486M·YTHSEYYNHA	60	>TSHR-I486M·YTHSEYYNHA	566	506
>TSHR-I486M·YTHSEYYNHA	484	>TSHR-I486M·YTHSEYYNHA	4064	3580
>TSHR-I486M·YTHSEYYNHA	6359	>TSHR-I486M·YTHSEYYNHA	119	6240
>TSHR-I486M·YTHSEYYNHA	640	>TSHR-I486M·YTHSEYYNHA	9	631
>TSHR-I486M·YTHSEYYNHA	5263	>TSHR-I486M·YTHSEYYNHA	194	5069
>TSHR-I486M·YTHSEYYNHA	431	>TSHR-I486M·YTHSEYYNHA	1200	769
>TSHR-I486M·YTHSEYYNHA	357	>TSHR-I486M·YTHSEYYNHA	3168	2811
>TSHR-I486M·YTHSEYYNHA	24	>TSHR-I486M·YTHSEYYNHA	418	394
>TSHR-I486M·YTHSEYYNHA	61	>TSHR-I486M·YTHSEYYNHA	147	86
>TSHR-I486M·YTHSEYYNHA	3530	>TSHR-I486M·YTHSEYYNHA	317	3213
>TSHR-I486M·YTHSEYYNHA	157	>TSHR-I486M·YTHSEYYNHA	69	88
>TSHR-I486M·YTHSEYYNHA	120	>TSHR-I486M·YTHSEYYNHA	20	100
>TSHR-I486M·YTHSEYYNHA	5900	>TSHR-I486M·YTHSEYYNHA	121	5779
>TSHR-I486M·YTHSEYYNHA	1157	>TSHR-I486M·YTHSEYYNHA	435	722
>TSHR-I486M·YTHSEYYNHA	83	>TSHR-I486M·YTHSEYYNHA	41	42
>TSHR-I486M·YTHSEYYNHA	550	>TSHR-I486M·YTHSEYYNHA	43	507
>TSHR-I486M·YTHSEYYNHA	63	>TSHR-I486M·YTHSEYYNHA	1584	1521
>TSHR-I486M·YYNHAI	320	>TSHR-I486M·YYNHAMDW	212	108
>TSHR-I486M·YYNHAI	408	>TSHR-I486M·YYNHAMDW	316	92
>TSHR-I486M·YYNHAI	12	>TSHR-I486M·YYNHAMDW	8	4
>TSHR-I486M·YYNHAI	120	>TSHR-I486M·YYNHAMDW	176	56
>TSHR-I486M·YYNHAI	358	>TSHR-I486M·YYNHAMDW	509	151
>TSHR-I486M·EYYNHAI	567	>TSHR-I486M·EYYNHAMDV	226	341
>TSHR-I486M·EYYNHAI	135	>TSHR-I486M·EYYNHAMDV	37	98
>TSHR-I486M·SEYYNHAI	5	>TSHR-I486M·SEYYNHAM	10	5
>TSHR-I486M·SEYYNHAI	342	>TSHR-I486M·SEYYNHAMD	222	120
>TSHR-I486M·SEYYNHAI	391	>TSHR-I486M·SEYYNHAM	112	279
>TSHR-I486M·SEYYNHAI	191	>TSHR-I486M·SEYYNHAM	30	161
>TSHR-I486M·SEYYNHAI	1193	>TSHR-I486M·SEYYNHAM	433	760
>TSHR-I486M·SEYYNHAI	20	>TSHR-I486M·SEYYNHAM	29	9
>TSHR-I486M·SEYYNHAI	69	>TSHR-I486M·SEYYNHAM	71	2
>TSHR-I486M·SEYYNHAI	673	>TSHR-I486M·SEYYNHAMD	377	296
>TSHR-I486M·SEYYNHAI	11	>TSHR-I486M·SEYYNHAMD	9	2

>TSHR-I486M SEYYNHAI	651	>TSHR-I486M SEYYNHAM	398	253
>TSHR-I486M SEYYNHAIDW	18	>TSHR-I486M SEYYNHAMD	13	5
>TSHR-I486M SEYYNHAI	33	>TSHR-I486M SEYYNHAM	91	58
>TSHR-I486M SEYYNHAIDW	178	>TSHR-I486M SEYYNHAMD	135	43
>TSHR-I486M SEYYNHAIDW	459	>TSHR-I486M SEYYNHAMD	468	9
>TSHR-I486M SEYYNHAI	32	>TSHR-I486M SEYYNHAM	310	278
>TSHR-I486M SEYYNHAIDW	826	>TSHR-I486M SEYYNHAMD	314	512
>TSHR-I486M SEYYNHAIDW	555	>TSHR-I486M SEYYNHAMD	478	77
>TSHR-I486M HSEYYNHAI	297	>TSHR-I486M HSEYYNHAM	4214	3917
>TSHR-I486M HSEYYNHAI	696	>TSHR-I486M HSEYYNHAM	65	631
>TSHR-I486M HSEYYNHAID	39	>TSHR-I486M HSEYYNHAM	35	4
>TSHR-I486M HSEYYNHAI	3428	>TSHR-I486M HSEYYNHAM	83	3345
>TSHR-I486M HSEYYNHAI	529	>TSHR-I486M HSEYYNHAM	163	366
>TSHR-I486M HSEYYNHAID	331	>TSHR-I486M HSEYYNHAM	171	160
>TSHR-I486M HSEYYNHAID	795	>TSHR-I486M HSEYYNHAM	406	389
>TSHR-I486M HSEYYNHAI	4572	>TSHR-I486M HSEYYNHAM	366	4206
>TSHR-I486M HSEYYNHAID	486	>TSHR-I486M HSEYYNHAM	484	2
>TSHR-I486M HSEYYNHAID	1117	>TSHR-I486M HSEYYNHAM	243	874
>TSHR-I486M HSEYYNHAI	103	>TSHR-I486M HSEYYNHAM	4918	4815
>TSHR-I486M THSEYYNHAI	1041	>TSHR-I486M THSEYYNHAM	486	555
>TSHR-I486M THSEYYNHAI	890	>TSHR-I486M THSEYYNHAM	457	433
>TSHR-I486M THSEYYNHAI	23	>TSHR-I486M THSEYYNHAM	11	12
>TSHR-I486M YTHSEYYNHA	263	>TSHR-I486M YTHSEYYNHA	21769	21506
>TSHR-I486M YTHSEYYNHA	82	>TSHR-I486M YTHSEYYNHA	14783	14701
>TSHR-I486M YTHSEYYNHA	139	>TSHR-I486M YTHSEYYNHA	18500	18361
>TSHR-I486M YTHSEYYNHA	184	>TSHR-I486M YTHSEYYNHA	21946	21762
>TSHR-I486M YTHSEYYNHA	60	>TSHR-I486M YTHSEYYNHA	11901	11841
>TSHR-I486M YTHSEYYNHA	484	>TSHR-I486M YTHSEYYNHA	19443	18959
>TSHR-I486M YTHSEYYNHA	431	>TSHR-I486M YTHSEYYNHA	6302	5871
>TSHR-I486M YTHSEYYNHA	357	>TSHR-I486M YTHSEYYNHA	16735	16378
>TSHR-I486M YTHSEYYNHA	24	>TSHR-I486M YTHSEYYNHA	9374	9350
>TSHR-I486M YTHSEYYNHA	61	>TSHR-I486M YTHSEYYNHA	12190	12129
>TSHR-I486M YTHSEYYNHA	157	>TSHR-I486M YTHSEYYNHA	6404	6247
>TSHR-I486M YTHSEYYNHA	120	>TSHR-I486M YTHSEYYNHA	11558	11438
>TSHR-I486M YTHSEYYNHA	83	>TSHR-I486M YTHSEYYNHA	6559	6476
>TSHR-I486M YTHSEYYNHA	63	>TSHR-I486M YTHSEYYNHA	34214	34151
>TSHR-I486M YYNHAIDW	320	>TSHR-I486M YYNHANDW	266	54
>TSHR-I486M YYNHAIDW	408	>TSHR-I486M YYNHANDW	368	40
>TSHR-I486M YYNHAIDW	12	>TSHR-I486M YYNHANDW	13	1
>TSHR-I486M YYNHAIDWQ	120	>TSHR-I486M YYNHANDWC	235	115
>TSHR-I486M YYNHAIDW	358	>TSHR-I486M YYNHANDW	865	507
>TSHR-I486M EYYNHAIDW	567	>TSHR-I486M EYYNHANDW	485	82
>TSHR-I486M EYYNHAIDW	135	>TSHR-I486M EYYNHANDW	127	8



>TSHR-I486NSEYYNHAI	5	>TSHR-I486NSEYYNHAN	80	75
>TSHR-I486NSEYYNHAIDM	342	>TSHR-I486NSEYYNHANDA	144	198
>TSHR-I486NSEYYNHAI	391	>TSHR-I486NSEYYNHAN	10524	10133
>TSHR-I486NSEYYNHAI	191	>TSHR-I486NSEYYNHAN	713	522
>TSHR-I486NSEYYNHAI	20	>TSHR-I486NSEYYNHAN	2904	2884
>TSHR-I486NSEYYNHAI	69	>TSHR-I486NSEYYNHAN	1815	1746
>TSHR-I486NSEYYNHAIDM	11	>TSHR-I486NSEYYNHANDA	12	1
>TSHR-I486NSEYYNHAIDM	18	>TSHR-I486NSEYYNHANDA	19	1
>TSHR-I486NSEYYNHAI	33	>TSHR-I486NSEYYNHAN	147	114
>TSHR-I486NSEYYNHAIDM	178	>TSHR-I486NSEYYNHANDA	298	120
>TSHR-I486NSEYYNHAIDM	459	>TSHR-I486NSEYYNHANDA	648	189
>TSHR-I486NSEYYNHAI	32	>TSHR-I486NSEYYNHAN	17537	17505
>TSHR-I486NHSEYYNHAI	297	>TSHR-I486NHSEYYNHAN	20586	20289
>TSHR-I486NHSEYYNHAID	39	>TSHR-I486NHSEYYNHANI	69	30
>TSHR-I486NHSEYYNHAID	331	>TSHR-I486NHSEYYNHANI	318	13
>TSHR-I486NHSEYYNHAID	486	>TSHR-I486NHSEYYNHANI	834	348
>TSHR-I486NHSEYYNHAI	103	>TSHR-I486NHSEYYNHAN	38076	37973
>TSHR-I486NTHSEYYNHAI	23	>TSHR-I486NTHSEYYNHAN	1840	1817
>TSHR-I568F.VGISSYAKVSI	3245	>TSHR-I568F.VGISSYAKVSF	307	2938
>TSHR-I568F.VGISSYAKVSI	9180	>TSHR-I568F.VGISSYAKVSF	286	8894
>TSHR-I568F.VGISSYAKVSI	1485	>TSHR-I568F.VGISSYAKVSF	37	1448
>TSHR-I568F.VGISSYAKVSI	6485	>TSHR-I568F.VGISSYAKVSF	181	6304
>TSHR-I568F.KVSICLPM	420	>TSHR-I568F.KVSFCLPM	354	66
>TSHR-I568F.KVSICLPM	569	>TSHR-I568F.KVSFCLPM	279	290
>TSHR-I568F.KVSICLPM	755	>TSHR-I568F.KVSFCLPM	456	299
>TSHR-I568F.KVSICLPM	169	>TSHR-I568F.KVSFCLPM	411	242
>TSHR-I568F.AKVSICLPM	5291	>TSHR-I568F.AKVSFCLPM	267	5024
>TSHR-I568F.AKVSICLPM	14	>TSHR-I568F.AKVSFCLPM	7	7
>TSHR-I568F.AKVSICLPM	1089	>TSHR-I568F.AKVSFCLPME	457	632
>TSHR-I568F.YAKVSICLPM	629	>TSHR-I568F.YAKVSFCLPM	450	179
>TSHR-I568F.YAKVSICL	259	>TSHR-I568F.YAKVSFCL	126	133
>TSHR-I568F.YAKVSICLPM	89	>TSHR-I568F.YAKVSFCLPM	70	19
>TSHR-I568F.YAKVSICL	340	>TSHR-I568F.YAKVSFCL	370	30
>TSHR-I568F.YAKVSICLPM	69	>TSHR-I568F.YAKVSFCLPM	36	33
>TSHR-I568F.YAKVSICL	449	>TSHR-I568F.YAKVSFCL	481	32
>TSHR-I568F.YAKVSICLPM	25	>TSHR-I568F.YAKVSFCLPM	29	4
>TSHR-I568F.YAKVSICLPM	213	>TSHR-I568F.YAKVSFCLPM	289	76
>TSHR-I568F.YAKVSICL	1213	>TSHR-I568F.YAKVSFCL	246	967
>TSHR-I568F.SYAKVSICL	113	>TSHR-I568F.SYAKVSFCL	62	51
>TSHR-I568F.SYAKVSICLPM	27	>TSHR-I568F.SYAKVSFCLPM	45	18
>TSHR-I568F.SYAKVSICL	1880	>TSHR-I568F.SYAKVSFCL	222	1658
>TSHR-I568F.SYAKVSICL	1670	>TSHR-I568F.SYAKVSFCL	378	1292
>TSHR-I568F.SYAKVSICL	2141	>TSHR-I568F.SYAKVSFCL	400	1741

>TSHR-I568F-SYAKVSICL	156	>TSHR-I568F-SYAKVSFCL	35	121
>TSHR-I568F-SYAKVSICLPM	459	>TSHR-I568F-SYAKVSFCLPI	296	163
>TSHR-I568F-SYAKVSICL	34	>TSHR-I568F-SYAKVSFCL	12	22
>TSHR-I568F-SYAKVSICLPM	234	>TSHR-I568F-SYAKVSFCLPI	134	100
>TSHR-I568F-SYAKVSICLPM	721	>TSHR-I568F-SYAKVSFCLPI	485	236
>TSHR-I568F-SYAKVSIC	2110	>TSHR-I568F-SYAKVSFC	388	1722
>TSHR-I568F-SYAKVSICLPM	418	>TSHR-I568F-SYAKVSFCLPI	339	79
>TSHR-I568F-SSYAKVSI	73	>TSHR-I568F-SSYAKVSF	59	14
>TSHR-I568F-SSYAKVSICL	164	>TSHR-I568F-SSYAKVSFCL	139	25
>TSHR-I568F-SSYAKVSI	3109	>TSHR-I568F-SSYAKVSF	56	3053
>TSHR-I568F-SSYAKVSI	386	>TSHR-I568F-SSYAKVSF	9	377
>TSHR-I568F-SSYAKVSICL	410	>TSHR-I568F-SSYAKVSFCL	644	234
>TSHR-I568F-SSYAKVSI	28	>TSHR-I568F-SSYAKVSF	3	25
>TSHR-I568F-SSYAKVSICL	43	>TSHR-I568F-SSYAKVSFCL	26	17
>TSHR-I568F-SSYAKVSI	2641	>TSHR-I568F-SSYAKVSF	244	2397
>TSHR-I568F-SSYAKVSICL	76	>TSHR-I568F-SSYAKVSFCL	107	31
>TSHR-I568F-SSYAKVSI	12	>TSHR-I568F-SSYAKVSF	2289	2277
>TSHR-I568F-SSYAKVSICL	442	>TSHR-I568F-SSYAKVSFCL	771	329
>TSHR-I568F-ISSYAKVSI	383	>TSHR-I568F-ISSYAKVSF	320	63
>TSHR-I568F-ISSYAKVSI	5480	>TSHR-I568F-ISSYAKVSF	109	5371
>TSHR-I568F-ISSYAKVSI	181	>TSHR-I568F-ISSYAKVSF	9	172
>TSHR-I568F-ISSYAKVSICL	417	>TSHR-I568F-ISSYAKVSFCL	558	141
>TSHR-I568F-ISSYAKVSI	211	>TSHR-I568F-ISSYAKVSF	9	202
>TSHR-I568F-ISSYAKVSICL	385	>TSHR-I568F-ISSYAKVSFCL	214	171
>TSHR-I568F-ISSYAKVSI	7911	>TSHR-I568F-ISSYAKVSF	276	7635
>TSHR-I568F-ISSYAKVSI	1578	>TSHR-I568F-ISSYAKVSF	157	1421
>TSHR-I568F-ISSYAKVSI	1050	>TSHR-I568F-ISSYAKVSF	81	969
>TSHR-I568F-ISSYAKVSI	60	>TSHR-I568F-ISSYAKVSF	9924	9864
>TSHR-I568F-GISSYAKVSI	286	>TSHR-I568F-GISSYAKVSF	11416	11130
>TSHR-I568F-GISSYAKVSI	454	>TSHR-I568F-GISSYAKVSF	17966	17512
>TSHR-I568F-GISSYAKVSI	8472	>TSHR-I568F-GISSYAKVSF	216	8256
>TSHR-I568F-GISSYAKVSI	4137	>TSHR-I568F-GISSYAKVSF	190	3947
>TSHR-I568F-GISSYAKVSI	6171	>TSHR-I568F-GISSYAKVSF	232	5939
>TSHR-I568T-KVSICLPM	420	>TSHR-I568T-KVSTCLPM	297	123
>TSHR-I568T-KVSICLPM	569	>TSHR-I568T-KVSTCLPM	321	248
>TSHR-I568T-KVSICLPM	169	>TSHR-I568T-KVSTCLPM	427	258
>TSHR-I568T-AKVSICLPM	14	>TSHR-I568T-AKVSTCLPM	6	8
>TSHR-I568T-AKVSICLPM	1089	>TSHR-I568T-AKVSTCLPM	447	642
>TSHR-I568T-AKVSICLPM	1145	>TSHR-I568T-AKVSTCLPM	447	698
>TSHR-I568T-YAKVSICLPM	629	>TSHR-I568T-YAKVSTCLPM	334	295
>TSHR-I568T-YAKVSICL	259	>TSHR-I568T-YAKVSTCL	155	104
>TSHR-I568T-YAKVSICLPM	89	>TSHR-I568T-YAKVSTCLPM	70	19
>TSHR-I568T-YAKVSICL	340	>TSHR-I568T-YAKVSTCL	219	121

>TSHR-I568T YAKVSICLPM	69	>TSHR-I568T YAKVSTCLPM	48	21
>TSHR-I568T YAKVSICL	449	>TSHR-I568T YAKVSTCL	367	82
>TSHR-I568T YAKVSICLPM	25	>TSHR-I568T YAKVSTCLPM	17	8
>TSHR-I568T YAKVSICLPM	213	>TSHR-I568T YAKVSTCLPM	201	12
>TSHR-I568T YAKVSICL	890	>TSHR-I568T YAKVSTCL	377	513
>TSHR-I568T SYAKVSIC	4079	>TSHR-I568T SYAKVSTC	142	3937
>TSHR-I568T SYAKVSICL	113	>TSHR-I568T SYAKVSTCL	5	108
>TSHR-I568T SYAKVSICLPM	27	>TSHR-I568T SYAKVSTCLPI	9	18
>TSHR-I568T SYAKVSICL	156	>TSHR-I568T SYAKVSTCL	221	65
>TSHR-I568T SYAKVSICLPM	459	>TSHR-I568T SYAKVSTCLPI	593	134
>TSHR-I568T SYAKVSICL	34	>TSHR-I568T SYAKVSTCL	83	49
>TSHR-I568T SYAKVSICLPM	234	>TSHR-I568T SYAKVSTCLPI	363	129
>TSHR-I568T SYAKVSICLPM	418	>TSHR-I568T SYAKVSTCLPI	360	58
>TSHR-I568T SSYAKVSI	73	>TSHR-I568T SSYAKVST	7033	6960
>TSHR-I568T SSYAKVSICL	164	>TSHR-I568T SSYAKVSTCL	344	180
>TSHR-I568T SSYAKVSI	386	>TSHR-I568T SSYAKVST	8370	7984
>TSHR-I568T SSYAKVSICL	410	>TSHR-I568T SSYAKVSTCL	250	160
>TSHR-I568T SSYAKVSI	28	>TSHR-I568T SSYAKVST	1425	1397
>TSHR-I568T SSYAKVSIC	2297	>TSHR-I568T SSYAKVSTC	238	2059
>TSHR-I568T SSYAKVSICL	43	>TSHR-I568T SSYAKVSTCL	32	11
>TSHR-I568T SSYAKVSICL	76	>TSHR-I568T SSYAKVSTCL	124	48
>TSHR-I568T SSYAKVSI	12	>TSHR-I568T SSYAKVST	18779	18767
>TSHR-I568T SSYAKVSICL	442	>TSHR-I568T SSYAKVSTCL	177	265
>TSHR-I568T ISSYAKVSI	383	>TSHR-I568T ISSYAKVST	19222	18839
>TSHR-I568T ISSYAKVSI	181	>TSHR-I568T ISSYAKVST	6164	5983
>TSHR-I568T ISSYAKVSICL	417	>TSHR-I568T ISSYAKVSTCL	263	154
>TSHR-I568T ISSYAKVSI	211	>TSHR-I568T ISSYAKVST	7339	7128
>TSHR-I568T ISSYAKVSICL	385	>TSHR-I568T ISSYAKVSTCL	282	103
>TSHR-I568T ISSYAKVSICL	844	>TSHR-I568T ISSYAKVSTCL	233	611
>TSHR-I568T ISSYAKVSI	60	>TSHR-I568T ISSYAKVST	28192	28132
>TSHR-I568T GISSYAKVSI	286	>TSHR-I568T GISSYAKVST	2383	2097
>TSHR-I568T GISSYAKVSI	454	>TSHR-I568T GISSYAKVST	1955	1501
>TSHR-I630L IFTDFICMAPI	365	>TSHR-I630L LFTDFICMAP	240	125
>TSHR-I630L IFTDFICMA	936	>TSHR-I630L LFTDFICMA	374	562
>TSHR-I630L LIFTDFICM	761	>TSHR-I630L LLFTDFICM	64	697
>TSHR-I630L LIFTDFICMA	619	>TSHR-I630L LLFTDFICMA	97	522
>TSHR-I630L LIFTDFICM	1432	>TSHR-I630L LLFTDFICM	126	1306
>TSHR-I630L LIFTDFICMA	181	>TSHR-I630L LLFTDFICMA	32	149
>TSHR-I630L LIFTDFICMA	139	>TSHR-I630L LLFTDFICMA	40	99
>TSHR-I630L LIFTDFICM	319	>TSHR-I630L LLFTDFICM	220	99
>TSHR-I630L LIFTDFICMA	109	>TSHR-I630L LLFTDFICMA	90	19
>TSHR-I630L LIFTDFIC	2386	>TSHR-I630L LLFTDFIC	124	2262
>TSHR-I630L LIFTDFICM	2907	>TSHR-I630L LLFTDFICM	134	2773

>TSHR-I630L·LIFTDFICMA	72	>TSHR-I630L·LLFTDFICMA	7	65
>TSHR-I630L·LIFTDFIC	7664	>TSHR-I630L·LLFTDFIC	197	7467
>TSHR-I630L·LIFTDFICM	7646	>TSHR-I630L·LLFTDFICM	151	7495
>TSHR-I630L·LIFTDFICMA	2862	>TSHR-I630L·LLFTDFICMA	50	2812
>TSHR-I630L·LIFTDFICM	5638	>TSHR-I630L·LLFTDFICM	173	5465
>TSHR-I630L·LIFTDFICMA	302	>TSHR-I630L·LLFTDFICMA	15	287
>TSHR-I630L·LIFTDFICMA	3341	>TSHR-I630L·LLFTDFICMA	239	3102
>TSHR-I630L·LIFTDFIC	2396	>TSHR-I630L·LLFTDFIC	24	2372
>TSHR-I630L·LIFTDFICM	3892	>TSHR-I630L·LLFTDFICM	46	3846
>TSHR-I630L·LIFTDFICMA	52	>TSHR-I630L·LLFTDFICMA	5	47
>TSHR-I630L·LIFTDFICM	785	>TSHR-I630L·LLFTDFICM	260	525
>TSHR-I630L·LIFTDFICM	173	>TSHR-I630L·LLFTDFICM	45	128
>TSHR-I630L·TKIAKRMAVL	619	>TSHR-I630L·TKIAKRMAVL	330	289
>TSHR-I630L·TKIAKRMAVL	644	>TSHR-I630L·TKIAKRMAVL	47	597
>TSHR-I630L·VLIFTDFI	68	>TSHR-I630L·VLLFTDFI	58	10
>TSHR-I630L·VLIFTDFICM	428	>TSHR-I630L·VLLFTDFICM	235	193
>TSHR-I630L·VLIFTDFICM/	110	>TSHR-I630L·VLLFTDFICM/	93	17
>TSHR-I630L·VLIFTDFI	29	>TSHR-I630L·VLLFTDFI	115	86
>TSHR-I630L·VLIFTDFICM/	168	>TSHR-I630L·VLLFTDFICM/	658	490
>TSHR-I630L·VLIFTDFI	42	>TSHR-I630L·VLLFTDFI	327	285
>TSHR-I630L·VLIFTDFICM/	62	>TSHR-I630L·VLLFTDFICM/	358	296
>TSHR-I630L·VLIFTDFI	161	>TSHR-I630L·VLLFTDFI	138	23
>TSHR-I630L·VLIFTDFICM/	237	>TSHR-I630L·VLLFTDFICM/	204	33
>TSHR-I630L·VLIFTDFI	13	>TSHR-I630L·VLLFTDFI	5	8
>TSHR-I630L·VLIFTDFIC	684	>TSHR-I630L·VLLFTDFIC	206	478
>TSHR-I630L·VLIFTDFICM	677	>TSHR-I630L·VLLFTDFICM	148	529
>TSHR-I630L·VLIFTDFICM/	19	>TSHR-I630L·VLLFTDFICM/	7	12
>TSHR-I630L·VLIFTDFI	11	>TSHR-I630L·VLLFTDFI	9	2
>TSHR-I630L·VLIFTDFIC	195	>TSHR-I630L·VLLFTDFIC	116	79
>TSHR-I630L·VLIFTDFICM	185	>TSHR-I630L·VLLFTDFICM	101	84
>TSHR-I630L·VLIFTDFICM/	56	>TSHR-I630L·VLLFTDFICM/	35	21
>TSHR-I630L·VLIFTDFI	30	>TSHR-I630L·VLLFTDFI	9	21
>TSHR-I630L·VLIFTDFIC	2788	>TSHR-I630L·VLLFTDFIC	274	2514
>TSHR-I630L·VLIFTDFICM	703	>TSHR-I630L·VLLFTDFICM	72	631
>TSHR-I630L·VLIFTDFICM/	38	>TSHR-I630L·VLLFTDFICM/	11	27
>TSHR-I630L·VLIFTDFI	78	>TSHR-I630L·VLLFTDFI	6	72
>TSHR-I630L·VLIFTDFIC	5689	>TSHR-I630L·VLLFTDFIC	292	5397
>TSHR-I630L·VLIFTDFICM	1658	>TSHR-I630L·VLLFTDFICM	61	1597
>TSHR-I630L·VLIFTDFICM/	542	>TSHR-I630L·VLLFTDFICM/	21	521
>TSHR-I630L·VLIFTDFI	45	>TSHR-I630L·VLLFTDFI	31	14
>TSHR-I630L·VLIFTDFIC	381	>TSHR-I630L·VLLFTDFIC	238	143
>TSHR-I630L·VLIFTDFICM	567	>TSHR-I630L·VLLFTDFICM	375	192
>TSHR-I630L·VLIFTDFICM/	14	>TSHR-I630L·VLLFTDFICM/	10	4

>TSHR-I630L-AVLIFTDFI	339	>TSHR-I630L-AVLLFTDFI	202	137
>TSHR-I630L-AVLIFTDFI	201	>TSHR-I630L-AVLLFTDFI	206	5
>TSHR-I630L-AVLIFTDFI	47	>TSHR-I630L-AVLLFTDFI	62	15
>TSHR-I630L-AVLIFTDFI	98	>TSHR-I630L-AVLLFTDFI	357	259
>TSHR-I630L-AVLIFTDFI	264	>TSHR-I630L-AVLLFTDFI	633	369
>TSHR-I630L-AVLIFTDFICM	287	>TSHR-I630L-AVLLFTDFICM	140	147
>TSHR-I630L-AVLIFTDF	63	>TSHR-I630L-AVLLFTDF	52	11
>TSHR-I630L-AVLIFTDFI	238	>TSHR-I630L-AVLLFTDFI	136	102
>TSHR-I630L-AVLIFTDFI	189	>TSHR-I630L-AVLLFTDFI	297	108
>TSHR-I630L-AVLIFTDF	213	>TSHR-I630L-AVLLFTDF	260	47
>TSHR-I630L-AVLIFTDF	424	>TSHR-I630L-AVLLFTDF	912	488
>TSHR-I630L-AVLIFTDFI	226	>TSHR-I630L-AVLLFTDFI	406	180
>TSHR-I630L-MAVLIFTDF	1288	>TSHR-I630L-MAVLLFTDF	459	829
>TSHR-I630L-MAVLIFTDFI	190	>TSHR-I630L-MAVLLFTDFI	207	17
>TSHR-I630L-MAVLIFTDFI	153	>TSHR-I630L-MAVLLFTDFI	147	6
>TSHR-I630L-MAVLIFTDFI	76	>TSHR-I630L-MAVLLFTDFI	94	18
>TSHR-I630L-MAVLIFTDFI	304	>TSHR-I630L-MAVLLFTDFI	399	95
>TSHR-I630L-MAVLIFTDF	57	>TSHR-I630L-MAVLLFTDF	56	1
>TSHR-I630L-MAVLIFTDF	85	>TSHR-I630L-MAVLLFTDF	48	37
>TSHR-I630L-MAVLIFTDF	48	>TSHR-I630L-MAVLLFTDF	45	3
>TSHR-I630L-MAVLIFTDF	151	>TSHR-I630L-MAVLLFTDF	157	6
>TSHR-I630L-MAVLIFTDF	406	>TSHR-I630L-MAVLLFTDF	476	70
>TSHR-I630L-RMAVLIFTDF	587	>TSHR-I630L-RMAVLLFTDF	447	140
>TSHR-I630L-RMAVLIFT	161	>TSHR-I630L-RMAVLLFT	176	15
>TSHR-I630L-RMAVLIFTDF	30	>TSHR-I630L-RMAVLLFTDF	31	1
>TSHR-I630L-RMAVLIFT	75	>TSHR-I630L-RMAVLLFT	81	6
>TSHR-I630L-RMAVLIFTDF	5	>TSHR-I630L-RMAVLLFTDF	5	0
>TSHR-I630L-RMAVLIFT	150	>TSHR-I630L-RMAVLLFT	116	34
>TSHR-I630L-RMAVLIFTDF	15	>TSHR-I630L-RMAVLLFTDF	15	0
>TSHR-I630L-RMAVLIFT	289	>TSHR-I630L-RMAVLLFT	245	44
>TSHR-I630L-RMAVLIFTDF	53	>TSHR-I630L-RMAVLLFTDF	40	13
>TSHR-I630L-RMAVLIFT	75	>TSHR-I630L-RMAVLLFT	155	80
>TSHR-I630L-RMAVLIFTDF	8	>TSHR-I630L-RMAVLLFTDF	12	4
>TSHR-I630L-RMAVLIFTDF	25	>TSHR-I630L-RMAVLLFTDF	21	4
>TSHR-I630L-RMAVLIFT	104	>TSHR-I630L-RMAVLLFT	165	61
>TSHR-I630L-RMAVLIFTDF	16	>TSHR-I630L-RMAVLLFTDF	20	4
>TSHR-I630L-RMAVLIFTDF	19	>TSHR-I630L-RMAVLLFTDF	19	0
>TSHR-I630L-RMAVLIFT	425	>TSHR-I630L-RMAVLLFT	694	269
>TSHR-I630L-RMAVLIFTDF	89	>TSHR-I630L-RMAVLLFTDF	132	43
>TSHR-I630L-RMAVLIFTDF	185	>TSHR-I630L-RMAVLLFTDF	204	19
>TSHR-I630L-RMAVLIFTDF	22	>TSHR-I630L-RMAVLLFTDF	33	11
>TSHR-I630L-RMAVLIFTDF	69	>TSHR-I630L-RMAVLLFTDF	72	3
>TSHR-I630L-RMAVLIFTDF	45	>TSHR-I630L-RMAVLLFTDF	44	1

>TSHR-I630L·RMAVLIFTDF	8	>TSHR-I630L·RMAVLLFTDF	9	1
>TSHR-I630L·RMAVLIFTDF	498	>TSHR-I630L·RMAVLLFTDF	717	219
>TSHR-I630L·RMAVLIFTDF	337	>TSHR-I630L·RMAVLLFTDF	310	27
>TSHR-I630L·RMAVLIFTDF	106	>TSHR-I630L·RMAVLLFTDF	96	10
>TSHR-I630L·RMAVLIFTDF	97	>TSHR-I630L·RMAVLLFTDF	107	10
>TSHR-I630L·RMAVLIFTDF	253	>TSHR-I630L·RMAVLLFTDF	383	130
>TSHR-I630L·RMAVLIFTDF	347	>TSHR-I630L·RMAVLLFTDF	293	54
>TSHR-I630L·RMAVLIFTDF	520	>TSHR-I630L·RMAVLLFTDF	483	37
>TSHR-I630L·RMAVLIFTDF	146	>TSHR-I630L·RMAVLLFTDF	152	6
>TSHR-I630L·KRM AVLIF	8	>TSHR-I630L·KRM AVLIF	14	6
>TSHR-I630L·KRM AVLIFTD	14	>TSHR-I630L·KRM AVLIFTC	13	1
>TSHR-I630L·KRM AVLIF	26	>TSHR-I630L·KRM AVLIF	15	11
>TSHR-I630L·KRM AVLIFT	117	>TSHR-I630L·KRM AVLIFTC	95	22
>TSHR-I630L·KRM AVLIFTD	38	>TSHR-I630L·KRM AVLIFTC	35	3
>TSHR-I630L·KRM AVLIF	139	>TSHR-I630L·KRM AVLIF	58	81
>TSHR-I630L·KRM AVLIFT	62	>TSHR-I630L·KRM AVLIFTC	46	16
>TSHR-I630L·KRM AVLIFTD	499	>TSHR-I630L·KRM AVLIFTC	361	138
>TSHR-I630L·KRM AVLIFTD	45	>TSHR-I630L·KRM AVLIFTC	41	4
>TSHR-I630L·KRM AVLIF	688	>TSHR-I630L·KRM AVLIF	399	289
>TSHR-I630L·KRM AVLIFT	678	>TSHR-I630L·KRM AVLIFTC	389	289
>TSHR-I630L·KRM AVLIFTD	28	>TSHR-I630L·KRM AVLIFTC	23	5
>TSHR-I630L·AKRM AVLIF	356	>TSHR-I630L·AKRM AVLIF	1036	680
>TSHR-I630L·AKRM AVLIF	41	>TSHR-I630L·AKRM AVLIF	25	16
>TSHR-I630L·AKRM AVLIF	3	>TSHR-I630L·AKRM AVLIF	4	1
>TSHR-I630L·AKRM AVLIF	260	>TSHR-I630L·AKRM AVLIF	9564	9304
>TSHR-I630L·IAKRM AVLIF	156	>TSHR-I630L·IAKRM AVLIF	533	377
>TSHR-I630L·IAKRM AVLIF	326	>TSHR-I630L·IAKRM AVLIF	469	143
>TSHR-I630L·IAKRM AVLIF	21	>TSHR-I630L·IAKRM AVLIF	53	32
>TSHR-I630L·IAKRM AVLIF	37	>TSHR-I630L·IAKRM AVLIF	25	12
>TSHR-I630L·IAKRM AVLIF	308	>TSHR-I630L·IAKRM AVLIF	219	89
>TSHR-I630L·IAKRM AVLIF	214	>TSHR-I630L·IAKRM AVLIF	181	33
>TSHR-I630L·IAKRM AVLIF	1024	>TSHR-I630L·IAKRM AVLIF	466	558
>TSHR-I630L·KIAKRM AVLIF	101	>TSHR-I630L·KIAKRM AVLIF	326	225
>TSHR-I630L·KIAKRM AVLIF	154	>TSHR-I630L·KIAKRM AVLIF	215	61
>TSHR-I630L·KIAKRM AVLIF	166	>TSHR-I630L·KIAKRM AVLIF	234	68
>TSHR-I630L·KIAKRM AVLIF	110	>TSHR-I630L·KIAKRM AVLIF	347	237
>TSHR-I630L·KIAKRM AVLIF	148	>TSHR-I630L·KIAKRM AVLIF	97	51
>TSHR-I630L·KIAKRM AVLIF	88	>TSHR-I630L·KIAKRM AVLIF	82	6
>TSHR-I630L·KIAKRM AVLIF	557	>TSHR-I630L·KIAKRM AVLIF	365	192
>TSHR-I635V ICMAPISFYA	227	>TSHR-I635V VCMAPISFYA	616	389
>TSHR-I635V ICMAPISFYA	145	>TSHR-I635V VCMAPISFYA	298	153
>TSHR-I635V ICMAPISFY	50	>TSHR-I635V VCMAPISFY	40	10
>TSHR-I635V ICMAPISFY	183	>TSHR-I635V VCMAPISFY	173	10

>TSHR-I635V ICMAPISFYAL	375	>TSHR-I635V VCMAPISFYA	679	304
>TSHR-I635V ICMAPISFY	117	>TSHR-I635V VCMAPISFY	70	47
>TSHR-I635V ICMAPISF	27	>TSHR-I635V VCMAPISF	53	26
>TSHR-I635V ICMAPISFY	163	>TSHR-I635V VCMAPISFY	385	222
>TSHR-I635V ICMAPISFYAL	275	>TSHR-I635V VCMAPISFYA	668	393
>TSHR-I635V ICMAPISFY	9	>TSHR-I635V VCMAPISFY	14	5
>TSHR-I635V FICMAPISFYA	53	>TSHR-I635V FVCMAPISFY.	86	33
>TSHR-I635V FICMAPISFYA	40	>TSHR-I635V FVCMAPISFY.	79	39
>TSHR-I635V FICMAPISFYA	55	>TSHR-I635V FVCMAPISFY.	144	89
>TSHR-I635V FICMAPISFYA	50	>TSHR-I635V FVCMAPISFY.	41	9
>TSHR-I635V FICMAPISFYA	20	>TSHR-I635V FVCMAPISFY.	56	36
>TSHR-I635V FICMAPISFYA	193	>TSHR-I635V FVCMAPISFY.	512	319
>TSHR-I635V FICMAPISFYA	42	>TSHR-I635V FVCMAPISFY.	143	101
>TSHR-I635V FICMAPISFY	98	>TSHR-I635V FVCMAPISFY	131	33
>TSHR-I635V FICMAPISFY	196	>TSHR-I635V FVCMAPISFY	143	53
>TSHR-I635V FICMAPISFY	517	>TSHR-I635V FVCMAPISFY	420	97
>TSHR-I635V FICMAPISFY	44	>TSHR-I635V FVCMAPISFY	18	26
>TSHR-I635V FICMAPISFY	617	>TSHR-I635V FVCMAPISFY	178	439
>TSHR-I635V FICMAPISFY	191	>TSHR-I635V FVCMAPISFY	154	37
>TSHR-I635V FICMAPISFY	668	>TSHR-I635V FVCMAPISFY	435	233
>TSHR-I635V FICMAPISFY	223	>TSHR-I635V FVCMAPISFY	149	74
>TSHR-I635V FICMAPISFYA	238	>TSHR-I635V FVCMAPISFY.	63	175
>TSHR-I635V FICMAPISFY	173	>TSHR-I635V FVCMAPISFY	79	94
>TSHR-I635V FICMAPISF	128	>TSHR-I635V FVCMAPISF	143	15
>TSHR-I635V FICMAPISFY	166	>TSHR-I635V FVCMAPISFY	175	9
>TSHR-I635V FICMAPISFY	406	>TSHR-I635V FVCMAPISFY	534	128
>TSHR-I635V FICMAPISF	50	>TSHR-I635V FVCMAPISF	72	22
>TSHR-I635V FICMAPISF	464	>TSHR-I635V FVCMAPISF	155	309
>TSHR-I635V FICMAPISFY	668	>TSHR-I635V FVCMAPISFY	206	462
>TSHR-I635V FICMAPISF	191	>TSHR-I635V FVCMAPISF	61	130
>TSHR-I635V FICMAPISFY	476	>TSHR-I635V FVCMAPISFY	339	137
>TSHR-I635V RMAVLIFTDF	30	>TSHR-I635V RMAVLIFTDF	13	17
>TSHR-I635V RMAVLIFTDF	5	>TSHR-I635V RMAVLIFTDF	3	2
>TSHR-I635V RMAVLIFTDF	15	>TSHR-I635V RMAVLIFTDF	5	10
>TSHR-I635V RMAVLIFTDF	53	>TSHR-I635V RMAVLIFTDF	9	44
>TSHR-I635V RMAVLIFTDF	8	>TSHR-I635V RMAVLIFTDF	2	6
>TSHR-I635V RMAVLIFTDF	25	>TSHR-I635V RMAVLIFTDF	5	20
>TSHR-I635V RMAVLIFTDF	16	>TSHR-I635V RMAVLIFTDF	6	10
>TSHR-I635V RMAVLIFTDF	19	>TSHR-I635V RMAVLIFTDF	3	16
>TSHR-I635V RMAVLIFTDF	89	>TSHR-I635V RMAVLIFTDF	4	85
>TSHR-I635V RMAVLIFTDF	69	>TSHR-I635V RMAVLIFTDF	857	788
>TSHR-I635V RMAVLIFTDF	1884	>TSHR-I635V RMAVLIFTDF	479	1405
>TSHR-I635V RMAVLIFTDF	498	>TSHR-I635V RMAVLIFTDF	687	189

>TSHR-I635V RMAVLIFTDF	97	>TSHR-I635V RMAVLIFTDF	2628	2531
>TSHR-I635V RMAVLIFTDF	347	>TSHR-I635V RMAVLIFTDF	1106	759
>TSHR-I635V RMAVLIFTDF	146	>TSHR-I635V RMAVLIFTDF	8940	8794
>TSHR-I635V DFICMAPISF	269	>TSHR-I635V DFVCMAPISF	326	57
>TSHR-I635V DFICMAPISF\)	19	>TSHR-I635V DFVCMAPISF	37	18
>TSHR-I635V DFICMAPISF\)	149	>TSHR-I635V DFVCMAPISF	365	216
>TSHR-I635V DFICMAPISF	487	>TSHR-I635V DFVCMAPISF	868	381
>TSHR-I635V DFICMAPISF\)	18	>TSHR-I635V DFVCMAPISF	34	16
>TSHR-I635V DFICMAPISF\)	430	>TSHR-I635V DFVCMAPISF	821	391
>TSHR-I635V TDFICMAPI	103	>TSHR-I635V TDFVCMAPI	168	65
>TSHR-I635V TDFICMAPI	127	>TSHR-I635V TDFVCMAPI	112	15
>TSHR-I635V TDFICMAPISF	391	>TSHR-I635V TDFVCMAPIS	264	127
>TSHR-I635V TDFICMAPI	65	>TSHR-I635V TDFVCMAPI	79	14
>TSHR-I635V TDFICMAPISF	138	>TSHR-I635V TDFVCMAPIS	167	29
>TSHR-I635V TDFICMAPI	76	>TSHR-I635V TDFVCMAPI	65	11
>TSHR-I635V TDFICMAPI	425	>TSHR-I635V TDFVCMAPI	990	565
>TSHR-I635V TDFICMAPI	101	>TSHR-I635V TDFVCMAPI	90	11
>TSHR-I635V FTDFICMA	392	>TSHR-I635V FTDFVCMMA	334	58
>TSHR-I635V FTDFICMA	343	>TSHR-I635V FTDFVCMMA	456	113
>TSHR-I635V FTDFICMAPI	378	>TSHR-I635V FTDFVCMAPI	433	55
>TSHR-I635V FTDFICMA	221	>TSHR-I635V FTDFVCMMA	469	248
>TSHR-I635V FTDFICMAPI	333	>TSHR-I635V FTDFVCMAPI	345	12
>TSHR-I635V FTDFICMAPI	400	>TSHR-I635V FTDFVCMAPI	482	82
>TSHR-I635V FTDFICMA	140	>TSHR-I635V FTDFVCMMA	178	38
>TSHR-I635V FTDFICMAPI	83	>TSHR-I635V FTDFVCMAPI	91	8
>TSHR-I635V FTDFICMA	187	>TSHR-I635V FTDFVCMMA	112	75
>TSHR-I635V FTDFICMAPI	256	>TSHR-I635V FTDFVCMAPI	142	114
>TSHR-I635V FTDFICMA	767	>TSHR-I635V FTDFVCMMA	482	285
>TSHR-I635V FTDFICMA	194	>TSHR-I635V FTDFVCMMA	339	145
>TSHR-I635V FTDFICMAPI	29	>TSHR-I635V FTDFVCMAPI	30	1
>TSHR-I635V FTDFICMA	119	>TSHR-I635V FTDFVCMMA	125	6
>TSHR-I635V FTDFICMAPI	16	>TSHR-I635V FTDFVCMAPI	19	3
>TSHR-I635V FTDFICMAPI	185	>TSHR-I635V FTDFVCMAPI	243	58
>TSHR-I635V FTDFICMAPI	412	>TSHR-I635V FTDFVCMAPI	480	68
>TSHR-I635V FTDFICMAPI	94	>TSHR-I635V FTDFVCMAPI	98	4
>TSHR-I635V IFTDFICMAPI	365	>TSHR-I635V IFTDFVCMAP	371	6
>TSHR-I635V LIFTDFICMA	181	>TSHR-I635V LIFTDFVCMMA	221	40
>TSHR-I635V LIFTDFICMA	139	>TSHR-I635V LIFTDFVCMMA	188	49
>TSHR-I635V LIFTDFICM	319	>TSHR-I635V LIFTDFVCM	298	21
>TSHR-I635V LIFTDFICMA	109	>TSHR-I635V LIFTDFVCMMA	177	68
>TSHR-I635V LIFTDFICMA	72	>TSHR-I635V LIFTDFVCMMA	88	16
>TSHR-I635V LIFTDFICMA	302	>TSHR-I635V LIFTDFVCMMA	305	3
>TSHR-I635V LIFTDFICMA	52	>TSHR-I635V LIFTDFVCMMA	60	8



>TSHR-I635V LIFTDFICM	785	>TSHR-I635V LIFTDFVCM	382	403
>TSHR-I635V LIFTDFICM	173	>TSHR-I635V LIFTDFVCM	69	104
>TSHR-I635V VLIFTDFI	68	>TSHR-I635V VLIFTDFV	19	49
>TSHR-I635V VLIFTDFICM	428	>TSHR-I635V VLIFTDFVCM	795	367
>TSHR-I635V VLIFTDFICM/	110	>TSHR-I635V VLIFTDFVCM	122	12
>TSHR-I635V VLIFTDFI	29	>TSHR-I635V VLIFTDFV	9	20
>TSHR-I635V VLIFTDFICM/	168	>TSHR-I635V VLIFTDFVCM	177	9
>TSHR-I635V VLIFTDFI	42	>TSHR-I635V VLIFTDFV	10	32
>TSHR-I635V VLIFTDFICM/	62	>TSHR-I635V VLIFTDFVCM	58	4
>TSHR-I635V VLIFTDFI	161	>TSHR-I635V VLIFTDFV	18	143
>TSHR-I635V VLIFTDFICM/	237	>TSHR-I635V VLIFTDFVCM	306	69
>TSHR-I635V VLIFTDFI	13	>TSHR-I635V VLIFTDFV	3	10
>TSHR-I635V VLIFTDFIC	684	>TSHR-I635V VLIFTDFVC	269	415
>TSHR-I635V VLIFTDFICM/	19	>TSHR-I635V VLIFTDFVCM	16	3
>TSHR-I635V VLIFTDFI	11	>TSHR-I635V VLIFTDFV	3	8
>TSHR-I635V VLIFTDFIC	195	>TSHR-I635V VLIFTDFVC	152	43
>TSHR-I635V VLIFTDFICM	185	>TSHR-I635V VLIFTDFVCM	173	12
>TSHR-I635V VLIFTDFICM/	56	>TSHR-I635V VLIFTDFVCM	58	2
>TSHR-I635V VLIFTDFI	30	>TSHR-I635V VLIFTDFV	7	23
>TSHR-I635V VLIFTDFICM/	38	>TSHR-I635V VLIFTDFVCM	37	1
>TSHR-I635V VLIFTDFI	78	>TSHR-I635V VLIFTDFV	4	74
>TSHR-I635V VLIFTDFICM/	542	>TSHR-I635V VLIFTDFVCM	422	120
>TSHR-I635V VLIFTDFI	45	>TSHR-I635V VLIFTDFV	3	42
>TSHR-I635V VLIFTDFIC	381	>TSHR-I635V VLIFTDFVC	251	130
>TSHR-I635V VLIFTDFICM	567	>TSHR-I635V VLIFTDFVCM	425	142
>TSHR-I635V VLIFTDFICM/	14	>TSHR-I635V VLIFTDFVCM	15	1
>TSHR-I635V VLIFTDFI	1458	>TSHR-I635V VLIFTDFV	435	1023
>TSHR-I635V VLIFTDFICM	894	>TSHR-I635V VLIFTDFVCM	402	492
>TSHR-I635V AVLIFTDFI	339	>TSHR-I635V AVLIFTDFV	2412	2073
>TSHR-I635V AVLIFTDFI	530	>TSHR-I635V AVLIFTDFV	86	444
>TSHR-I635V AVLIFTDFI	201	>TSHR-I635V AVLIFTDFV	38	163
>TSHR-I635V AVLIFTDFI	47	>TSHR-I635V AVLIFTDFV	8	39
>TSHR-I635V AVLIFTDFI	98	>TSHR-I635V AVLIFTDFV	9	89
>TSHR-I635V AVLIFTDFI	2291	>TSHR-I635V AVLIFTDFV	103	2188
>TSHR-I635V AVLIFTDFI	264	>TSHR-I635V AVLIFTDFV	15	249
>TSHR-I635V AVLIFTDFI	2375	>TSHR-I635V AVLIFTDFV	29	2346
>TSHR-I635V AVLIFTDFI	5314	>TSHR-I635V AVLIFTDFV	30	5284
>TSHR-I635V AVLIFTDFICM	287	>TSHR-I635V AVLIFTDFVCM	384	97
>TSHR-I635V AVLIFTDFI	238	>TSHR-I635V AVLIFTDFV	3564	3326
>TSHR-I635V AVLIFTDFI	552	>TSHR-I635V AVLIFTDFV	141	411
>TSHR-I635V AVLIFTDFI	189	>TSHR-I635V AVLIFTDFV	23	166
>TSHR-I635V AVLIFTDFI	226	>TSHR-I635V AVLIFTDFV	10569	10343
>TSHR-I635V MAVLIFTDFI	190	>TSHR-I635V MAVLIFTDFV	1332	1142

>TSHR-I635V MAVLIFTDFI	1462	>TSHR-I635V MAVLIFTDFV	448	1014
>TSHR-I635V MAVLIFTDFI	539	>TSHR-I635V MAVLIFTDFV	315	224
>TSHR-I635V MAVLIFTDFI	1087	>TSHR-I635V MAVLIFTDFV	343	744
>TSHR-I635V MAVLIFTDFI	153	>TSHR-I635V MAVLIFTDFV	60	93
>TSHR-I635V MAVLIFTDFI	76	>TSHR-I635V MAVLIFTDFV	31	45
>TSHR-I635V MAVLIFTDFI	304	>TSHR-I635V MAVLIFTDFV	45	259
>TSHR-I640K ISFYALSAI	78	>TSHR-I640K KSFYALSAI	284	206
>TSHR-I640K ISFYALSAI	493	>TSHR-I640K KSFYALSAI	425	68
>TSHR-I640K ISFYALSAI	361	>TSHR-I640K KSFYALSAI	187	174
>TSHR-I640K ISFYALSA	468	>TSHR-I640K KSFYALSA	17	451
>TSHR-I640K ISFYALSAI	548	>TSHR-I640K KSFYALSAI	18	530
>TSHR-I640K ISFYALSAIL	1173	>TSHR-I640K KSFYALSAIL	31	1142
>TSHR-I640K ISFYALSA	3254	>TSHR-I640K KSFYALSA	169	3085
>TSHR-I640K ISFYALSAI	80	>TSHR-I640K KSFYALSAI	8	72
>TSHR-I640K ISFYALSAIL	290	>TSHR-I640K KSFYALSAIL	17	273
>TSHR-I640K ISFYALSAI	169	>TSHR-I640K KSFYALSAI	1088	919
>TSHR-I640K ISFYALSAI	493	>TSHR-I640K KSFYALSAI	542	49
>TSHR-I640K ISFYALSA	225	>TSHR-I640K KSFYALSA	267	42
>TSHR-I640K ISFYALSAI	14	>TSHR-I640K KSFYALSAI	15	1
>TSHR-I640K ISFYALSAIL	28	>TSHR-I640K KSFYALSAIL	24	4
>TSHR-I640K ISFYALSA	307	>TSHR-I640K KSFYALSA	139	168
>TSHR-I640K ISFYALSAI	10	>TSHR-I640K KSFYALSAI	10	0
>TSHR-I640K ISFYALSAIL	5	>TSHR-I640K KSFYALSAIL	4	1
>TSHR-I640K ISFYALSAIL	718	>TSHR-I640K KSFYALSAIL	343	375
>TSHR-I640K ISFYALSAI	1338	>TSHR-I640K KSFYALSAI	160	1178
>TSHR-I640K ISFYALSAIL	279	>TSHR-I640K KSFYALSAIL	53	226
>TSHR-I640K ISFYALSAIL	101	>TSHR-I640K KSFYALSAIL	190	89
>TSHR-I640K ISFYALSAI	11	>TSHR-I640K KSFYALSAI	13	2
>TSHR-I640K ISFYALSAIL	277	>TSHR-I640K KSFYALSAIL	103	174
>TSHR-I640K ISFYALSAILN	231	>TSHR-I640K KSFYALSAILN	346	115
>TSHR-I640K ISFYALSAI	7	>TSHR-I640K KSFYALSAI	6	1
>TSHR-I640K ISFYALSAIL	142	>TSHR-I640K KSFYALSAIL	302	160
>TSHR-I640K PISFYALSAI	7843	>TSHR-I640K PKSFYALSAI	337	7506
>TSHR-I640K IFTDFICMAPI	365	>TSHR-I640K IFTDFICMAPI	20523	20158
>TSHR-I640K IFTDFICMAPI	25652	>TSHR-I640K IFTDFICMAPI	364	25288
>TSHR-I640K IFTDFICMAPI	9521	>TSHR-I640K IFTDFICMAPI	103	9418
>TSHR-I640K IFTDFICMAPI	6351	>TSHR-I640K IFTDFICMAPI	163	6188
>TSHR-I640K IFTDFICMAPI	27894	>TSHR-I640K IFTDFICMAPI	314	27580
>TSHR-I640K IFTDFICMAPI	12922	>TSHR-I640K IFTDFICMAPI	72	12850
>TSHR-I640K APISFYAL	173	>TSHR-I640K APKSFYAL	2436	2263
>TSHR-I640K APISFYAL	19	>TSHR-I640K APKSFYAL	161	142
>TSHR-I640K APISFYALSAI	52	>TSHR-I640K APKSFYALSAI	511	459
>TSHR-I640K APISFYAL	26	>TSHR-I640K APKSFYAL	34	8

>TSHR-I640K APISFYALSAI	54	>TSHR-I640K APKSFYALSAI	96	42
>TSHR-I640K APISFYAL	564	>TSHR-I640K APKSFYAL	61	503
>TSHR-I640K APISFYALSAI	3517	>TSHR-I640K APKSFYALSAI	451	3066
>TSHR-I640K APISFYAL	426	>TSHR-I640K APKSFYAL	467	41
>TSHR-I640K APISFYAL	90	>TSHR-I640K APKSFYAL	1192	1102
>TSHR-I640K APISFYAL	24	>TSHR-I640K APKSFYAL	1335	1311
>TSHR-I640K APISFYAL	162	>TSHR-I640K APKSFYAL	2799	2637
>TSHR-I640K APISFYALSAI	259	>TSHR-I640K APKSFYALSAI	3996	3737
>TSHR-I640K APISFYALSA	37	>TSHR-I640K APKSFYALSA	89	52
>TSHR-I640K APISFYAL	27	>TSHR-I640K APKSFYAL	209	182
>TSHR-I640K APISFYALSAI	148	>TSHR-I640K APKSFYALSAI	1893	1745
>TSHR-I640K APISFYAL	54	>TSHR-I640K APKSFYAL	731	677
>TSHR-I640K APISFYALSAI	285	>TSHR-I640K APKSFYALSAI	2247	1962
>TSHR-I640K MAPISFYAL	211	>TSHR-I640K MAPKSFYAL	372	161
>TSHR-I640K MAPISFYAL	361	>TSHR-I640K MAPKSFYAL	622	261
>TSHR-I640K MAPISFYAL	286	>TSHR-I640K MAPKSFYAL	170	116
>TSHR-I640K MAPISFYA	70	>TSHR-I640K MAPKSFYA	76	6
>TSHR-I640K MAPISFYAL	51	>TSHR-I640K MAPKSFYAL	39	12
>TSHR-I640K MAPISFYALS/	277	>TSHR-I640K MAPKSFYALS	215	62
>TSHR-I640K MAPISFYA	16	>TSHR-I640K MAPKSFYA	21	5
>TSHR-I640K MAPISFYAL	14	>TSHR-I640K MAPKSFYAL	14	0
>TSHR-I640K MAPISFYALS/	196	>TSHR-I640K MAPKSFYALS	191	5
>TSHR-I640K MAPISFYAL	133	>TSHR-I640K MAPKSFYAL	86	47
>TSHR-I640K MAPISFYAL	785	>TSHR-I640K MAPKSFYAL	206	579
>TSHR-I640K MAPISFYAL	118	>TSHR-I640K MAPKSFYAL	145	27
>TSHR-I640K MAPISFYA	229	>TSHR-I640K MAPKSFYA	531	302
>TSHR-I640K MAPISFYALS/	357	>TSHR-I640K MAPKSFYALS	519	162
>TSHR-I640K MAPISFYA	199	>TSHR-I640K MAPKSFYA	298	99
>TSHR-I640K MAPISFYAL	2	>TSHR-I640K MAPKSFYAL	2	0
>TSHR-I640K MAPISFYALS	8	>TSHR-I640K MAPKSFYALS	13	5
>TSHR-I640K MAPISFYALS/	158	>TSHR-I640K MAPKSFYALS	278	120
>TSHR-I640K CMAPISFY	489	>TSHR-I640K CMAPKSFY	850	361
>TSHR-I640K CMAPISFYA	12	>TSHR-I640K CMAPKSFYA	21	9
>TSHR-I640K CMAPISFYAL	134	>TSHR-I640K CMAPKSFYAL	271	137
>TSHR-I640K CMAPISFYA	3	>TSHR-I640K CMAPKSFYA	7	4
>TSHR-I640K CMAPISFYAL	23	>TSHR-I640K CMAPKSFYAL	39	16
>TSHR-I640K CMAPISFYAL:	40	>TSHR-I640K CMAPKSFYAL	226	186
>TSHR-I640K CMAPISFYA	9	>TSHR-I640K CMAPKSFYA	10	1
>TSHR-I640K CMAPISFYAL	176	>TSHR-I640K CMAPKSFYAL	215	39
>TSHR-I640K CMAPISFYAL:	374	>TSHR-I640K CMAPKSFYAL	527	153
>TSHR-I640K CMAPISFYA	12	>TSHR-I640K CMAPKSFYA	27	15
>TSHR-I640K CMAPISFYAL	106	>TSHR-I640K CMAPKSFYAL	168	62
>TSHR-I640K CMAPISFYA	9	>TSHR-I640K CMAPKSFYA	15	6

>TSHR-I640K CMAPISFYAL	15	>TSHR-I640K CMAPKSFYAL	22	7
>TSHR-I640K CMAPISFYA	14	>TSHR-I640K CMAPKSFYA	21	7
>TSHR-I640K CMAPISFYAL	8	>TSHR-I640K CMAPKSFYAL	9	1
>TSHR-I640K CMAPISFYA	17	>TSHR-I640K CMAPKSFYA	32	15
>TSHR-I640K CMAPISFYAL	80	>TSHR-I640K CMAPKSFYAL	173	93
>TSHR-I640K CMAPISFYA	4	>TSHR-I640K CMAPKSFYA	6	2
>TSHR-I640K CMAPISFYAL	8	>TSHR-I640K CMAPKSFYAL	12	4
>TSHR-I640K CMAPISFYA	8	>TSHR-I640K CMAPKSFYA	15	7
>TSHR-I640K CMAPISFYAL	10	>TSHR-I640K CMAPKSFYAL	15	5
>TSHR-I640K CMAPISFY	127	>TSHR-I640K CMAPKSFY	206	79
>TSHR-I640K CMAPISFY	373	>TSHR-I640K CMAPKSFY	1111	738
>TSHR-I640K CMAPISFYAL	279	>TSHR-I640K CMAPKSFYAL	436	157
>TSHR-I640K CMAPISFY	9	>TSHR-I640K CMAPKSFY	15	6
>TSHR-I640K CMAPISFY	8	>TSHR-I640K CMAPKSFY	13	5
>TSHR-I640K CMAPISFY	227	>TSHR-I640K CMAPKSFY	1121	894
>TSHR-I640K CMAPISFYA	24	>TSHR-I640K CMAPKSFYA	328	304
>TSHR-I640K CMAPISFYAL	272	>TSHR-I640K CMAPKSFYAL	1070	798
>TSHR-I640K CMAPISFY	23	>TSHR-I640K CMAPKSFY	73	50
>TSHR-I640K CMAPISFY	89	>TSHR-I640K CMAPKSFY	143	54
>TSHR-I640K CMAPISFY	381	>TSHR-I640K CMAPKSFY	435	54
>TSHR-I640K CMAPISFY	53	>TSHR-I640K CMAPKSFY	115	62
>TSHR-I640K CMAPISFYAL	122	>TSHR-I640K CMAPKSFYAL	120	2
>TSHR-I640K CMAPISFYAL	146	>TSHR-I640K CMAPKSFYAL	331	185
>TSHR-I640K CMAPISFY	75	>TSHR-I640K CMAPKSFY	67	8
>TSHR-I640K ICMAPISFYA	227	>TSHR-I640K ICMAPKSFYA	797	570
>TSHR-I640K ICMAPISFYAL	145	>TSHR-I640K ICMAPKSFYAL	425	280
>TSHR-I640K ICMAPISFY	50	>TSHR-I640K ICMAPKSFY	734	684
>TSHR-I640K ICMAPISFY	183	>TSHR-I640K ICMAPKSFY	206	23
>TSHR-I640K ICMAPISFYAL	375	>TSHR-I640K ICMAPKSFYAL	924	549
>TSHR-I640K ICMAPISFY	117	>TSHR-I640K ICMAPKSFY	464	347
>TSHR-I640K ICMAPISF	27	>TSHR-I640K ICMAPKSF	32	5
>TSHR-I640K ICMAPISFY	163	>TSHR-I640K ICMAPKSFY	350	187
>TSHR-I640K ICMAPISFYAL	275	>TSHR-I640K ICMAPKSFYAL	334	59
>TSHR-I640K ICMAPISFY	9	>TSHR-I640K ICMAPKSFY	7	2
>TSHR-I640K FICMAPISFYA	53	>TSHR-I640K FICMAPKSFYA	172	119
>TSHR-I640K FICMAPISFYA	40	>TSHR-I640K FICMAPKSFYA	84	44
>TSHR-I640K FICMAPISFYA	55	>TSHR-I640K FICMAPKSFYA	62	7
>TSHR-I640K FICMAPISFYA	50	>TSHR-I640K FICMAPKSFYA	93	43
>TSHR-I640K FICMAPISFYA	20	>TSHR-I640K FICMAPKSFYA	44	24
>TSHR-I640K FICMAPISFYA	193	>TSHR-I640K FICMAPKSFYA	505	312
>TSHR-I640K FICMAPISFYA	42	>TSHR-I640K FICMAPKSFYA	104	62
>TSHR-I640K FICMAPISFY	98	>TSHR-I640K FICMAPKSFY	122	24
>TSHR-I640K FICMAPISFY	196	>TSHR-I640K FICMAPKSFY	335	139

>TSHR-I640K FICMAPISFY	44	>TSHR-I640K FICMAPKSFY	153	109
>TSHR-I640K FICMAPISFY	191	>TSHR-I640K FICMAPKSFY	158	33
>TSHR-I640K FICMAPISFY	223	>TSHR-I640K FICMAPKSFY	266	43
>TSHR-I640K FICMAPISFYA	238	>TSHR-I640K FICMAPKSFY,	819	581
>TSHR-I640K FICMAPISFY	173	>TSHR-I640K FICMAPKSFY	580	407
>TSHR-I640K FICMAPISF	128	>TSHR-I640K FICMAPKSF	194	66
>TSHR-I640K FICMAPISFY	166	>TSHR-I640K FICMAPKSFY	273	107
>TSHR-I640K FICMAPISFY	406	>TSHR-I640K FICMAPKSFY	347	59
>TSHR-I640K FICMAPISF	50	>TSHR-I640K FICMAPKSF	47	3
>TSHR-I640K FICMAPISF	464	>TSHR-I640K FICMAPKSF	316	148
>TSHR-I640K FICMAPISF	191	>TSHR-I640K FICMAPKSF	1341	1150
>TSHR-I640K FICMAPISFY	476	>TSHR-I640K FICMAPKSFY	750	274
>TSHR-I640K DFICMAPISF	269	>TSHR-I640K DFICMAPKSF	356	87
>TSHR-I640K DFICMAPISFY	19	>TSHR-I640K DFICMAPKSF	64	45
>TSHR-I640K DFICMAPISFY	149	>TSHR-I640K DFICMAPKSF	183	34
>TSHR-I640K DFICMAPISF	487	>TSHR-I640K DFICMAPKSF	1018	531
>TSHR-I640K DFICMAPISFY	18	>TSHR-I640K DFICMAPKSF	23	5
>TSHR-I640K DFICMAPI	3692	>TSHR-I640K DFICMAPK	107	3585
>TSHR-I640K DFICMAPI	26919	>TSHR-I640K DFICMAPK	177	26742
>TSHR-I640K DFICMAPISFY	430	>TSHR-I640K DFICMAPKSF	692	262
>TSHR-I640K TDFICMAPI	103	>TSHR-I640K TDFICMAPK	25601	25498
>TSHR-I640K TDFICMAPI	127	>TSHR-I640K TDFICMAPK	20263	20136
>TSHR-I640K TDFICMAPISF	391	>TSHR-I640K TDFICMAPKS	386	5
>TSHR-I640K TDFICMAPI	65	>TSHR-I640K TDFICMAPK	2317	2252
>TSHR-I640K TDFICMAPISF	138	>TSHR-I640K TDFICMAPKS	209	71
>TSHR-I640K TDFICMAPI	76	>TSHR-I640K TDFICMAPK	13452	13376
>TSHR-I640K TDFICMAPI	425	>TSHR-I640K TDFICMAPK	26544	26119
>TSHR-I640K TDFICMAPI	101	>TSHR-I640K TDFICMAPK	20778	20677
>TSHR-I640K FTDFICMAPI	378	>TSHR-I640K FTDFICMAPK	11351	10973
>TSHR-I640K FTDFICMAPI	333	>TSHR-I640K FTDFICMAPK	13522	13189
>TSHR-I640K FTDFICMAPI	400	>TSHR-I640K FTDFICMAPK	12818	12418
>TSHR-I640K FTDFICMAPI	83	>TSHR-I640K FTDFICMAPK	5398	5315
>TSHR-I640K FTDFICMAPI	256	>TSHR-I640K FTDFICMAPK	18831	18575
>TSHR-I640K FTDFICMAPI	15572	>TSHR-I640K FTDFICMAPK	46	15526
>TSHR-I640K FTDFICMAPI	30957	>TSHR-I640K FTDFICMAPK	52	30905
>TSHR-I640K FTDFICMAPI	13524	>TSHR-I640K FTDFICMAPK	25	13499
>TSHR-I640K FTDFICMAPI	29	>TSHR-I640K FTDFICMAPK	11503	11474
>TSHR-I640K FTDFICMAPI	16	>TSHR-I640K FTDFICMAPK	4451	4435
>TSHR-I640K FTDFICMAPI	185	>TSHR-I640K FTDFICMAPK	8164	7979
>TSHR-I640K FTDFICMAPI	412	>TSHR-I640K FTDFICMAPK	11097	10685
>TSHR-I640K FTDFICMAPI	94	>TSHR-I640K FTDFICMAPK	33269	33175
>TSHR-L512C LTVITLERWY	219	>TSHR-L512C QTVITLERWY	514	295
>TSHR-L512C LTVITLERWY,	157	>TSHR-L512C QTVITLERWY	440	283

>TSHR-L512CLTVITLERW	2046	>TSHR-L512C QTVITLERW	371	1675
>TSHR-L512CLTVITLERWY	22	>TSHR-L512C QTVITLERWY	8	14
>TSHR-L512CLTVITLERWY	791	>TSHR-L512C QTVITLERWY	250	541
>TSHR-L512CLTVITLERWY	348	>TSHR-L512C QTVITLERWY	510	162
>TSHR-L512CLTVITLERWY	299	>TSHR-L512C QTVITLERWY	503	204
>TSHR-L512CLTVITLER	120	>TSHR-L512C QTVITLER	279	159
>TSHR-L512CLTVITLER	19	>TSHR-L512C QTVITLER	13	6
>TSHR-L512CLTVITLERWY/	268	>TSHR-L512C QTVITLERWY	69	199
>TSHR-L512CLTVITLERWY/	1393	>TSHR-L512C QTVITLERWY	378	1015
>TSHR-L512CLTVITLERW	4	>TSHR-L512C QTVITLERW	5	1
>TSHR-L512CLTVITLERWY	5	>TSHR-L512C QTVITLERWY	7	2
>TSHR-L512CLTVITLERW	447	>TSHR-L512C QTVITLERW	3128	2681
>TSHR-L512CLTVITLERW	39	>TSHR-L512C QTVITLERW	89	50
>TSHR-L512CLTVITLERWY	466	>TSHR-L512C QTVITLERWY	2888	2422
>TSHR-L512CLTVITLERW	13	>TSHR-L512C QTVITLERW	19	6
>TSHR-L512CLTVITLERW	170	>TSHR-L512C QTVITLERW	509	339
>TSHR-L512CLTVITLERWY	29	>TSHR-L512C QTVITLERWY	49	20
>TSHR-L512CLTVITLERW	422	>TSHR-L512C QTVITLERW	2619	2197
>TSHR-L512CLTVITLER	575	>TSHR-L512C QTVITLER	204	371
>TSHR-L512CLTVITLER	1148	>TSHR-L512C QTVITLER	457	691
>TSHR-L512CLTVITLERW^	334	>TSHR-L512C TQTVITLERW	1508	1174
>TSHR-L512CLTVITLERW^	459	>TSHR-L512C TQTVITLERW	672	213
>TSHR-L512CLTVITLER	224	>TSHR-L512C TQTVITLER	163	61
>TSHR-L512CLTVITLER	23	>TSHR-L512C TQTVITLER	136	113
>TSHR-L512CLTVITLERW^	235	>TSHR-L512C TQTVITLERW	809	574
>TSHR-L512CLTVITLERW	154	>TSHR-L512C TQTVITLERW	522	368
>TSHR-L512CLTVITLERW	1196	>TSHR-L512C TQTVITLERW	456	740
>TSHR-L512CLTVITLER	215	>TSHR-L512C TQTVITLER	366	151
>TSHR-L512CVFASELSVYTL	123	>TSHR-L512CVFASELSVYTC	8233	8110
>TSHR-L512CVFASELSVYTL	93	>TSHR-L512CVFASELSVYTC	4774	4681
>TSHR-L512CVFASELSVYTL	232	>TSHR-L512CVFASELSVYTC	5866	5634
>TSHR-L512CVFASELSVYTL	94	>TSHR-L512CVFASELSVYTC	10489	10395
>TSHR-L512CVFASELSVYTL	341	>TSHR-L512CVFASELSVYTC	9769	9428
>TSHR-L512CYTLTVITL	44	>TSHR-L512CYTQTVITL	167	123
>TSHR-L512CYTLTVITL	18	>TSHR-L512CYTQTVITL	165	147
>TSHR-L512CYTLTVITL	7	>TSHR-L512CYTQTVITL	48	41
>TSHR-L512CYTLTVITL	46	>TSHR-L512CYTQTVITL	182	136
>TSHR-L512CYTLTVITL	25	>TSHR-L512CYTQTVITL	783	758
>TSHR-L512CYTLTVITL	198	>TSHR-L512CYTQTVITL	3191	2993
>TSHR-L512CYTLTVITL	119	>TSHR-L512CYTQTVITL	311	192
>TSHR-L512CYTLTVITLER	323	>TSHR-L512CYTQTVITLER	1139	816
>TSHR-L512CYTLTVITLER	74	>TSHR-L512CYTQTVITLER	133	59
>TSHR-L512CYTLTVITL	218	>TSHR-L512CYTQTVITL	722	504

>TSHR-L512CYTLTVITLER	67	>TSHR-L512C YTQTVITLER	69	2
>TSHR-L512CYTLTVITL	116	>TSHR-L512C YTQTVITL	294	178
>TSHR-L512CYTLTVITLER	124	>TSHR-L512C YTQTVITLER	135	11
>TSHR-L512CYTLTVITLER	4	>TSHR-L512C YTQTVITLER	6	2
>TSHR-L512CYTLTVITL	251	>TSHR-L512C YTQTVITL	287	36
>TSHR-L512CYTLTVITL	33	>TSHR-L512C YTQTVITL	635	602
>TSHR-L512CYTLTVITL	347	>TSHR-L512C YTQTVITL	1131	784
>TSHR-L512CYTLTVITL	10	>TSHR-L512C YTQTVITL	20	10
>TSHR-L512CYTLTVITLERV	5	>TSHR-L512C YTQTVITLERV	9	4
>TSHR-L512CYTLTVITL	250	>TSHR-L512C YTQTVITL	848	598
>TSHR-L512CYTLTVITLERV	47	>TSHR-L512C YTQTVITLERV	71	24
>TSHR-L512CYTLTVITLERV	10	>TSHR-L512C YTQTVITLERV	13	3
>TSHR-L512CYTLTVITL	496	>TSHR-L512C YTQTVITL	526	30
>TSHR-L512CYTLTVITL	171	>TSHR-L512C YTQTVITL	318	147
>TSHR-L512CYTLTVITLERV	19	>TSHR-L512C YTQTVITLERV	28	9
>TSHR-L512CYTLTVITLERV	155	>TSHR-L512C YTQTVITLERV	700	545
>TSHR-L512CYTLTVITLER	203	>TSHR-L512C YTQTVITLER	854	651
>TSHR-L512CYTLTVITL	360	>TSHR-L512C YTQTVITL	292	68
>TSHR-L512CVYTLTVITL	137	>TSHR-L512C VYTQTVITL	111	26
>TSHR-L512CVYTLTVITL	207	>TSHR-L512C VYTQTVITL	188	19
>TSHR-L512CVYTLTVITL	28	>TSHR-L512C VYTQTVITL	11	17
>TSHR-L512CVYTLTVITLER	303	>TSHR-L512C VYTQTVITLER	572	269
>TSHR-L512CVYTLTVITLER	322	>TSHR-L512C VYTQTVITLER	663	341
>TSHR-L512CVYTLTVITLER	53	>TSHR-L512C VYTQTVITLER	33	20
>TSHR-L512CVYTLTVITL	443	>TSHR-L512C VYTQTVITL	337	106
>TSHR-L512CVYTLTVITL	573	>TSHR-L512C VYTQTVITL	329	244
>TSHR-L512CSVYTLTVITL	210	>TSHR-L512C SVYTQTVITL	581	371
>TSHR-L512CSVYTLTVITL	49	>TSHR-L512C SVYTQTVITL	85	36
>TSHR-L512CSVYTLTVI	68	>TSHR-L512C SVYTQTVI	165	97
>TSHR-L512CSVYTLTVITL	64	>TSHR-L512C SVYTQTVITL	85	21
>TSHR-L512CSVYTLTVI	137	>TSHR-L512C SVYTQTVI	590	453
>TSHR-L512CSVYTLTVITL	95	>TSHR-L512C SVYTQTVITL	170	75
>TSHR-L512CSVYTLTVI	240	>TSHR-L512C SVYTQTVI	537	297
>TSHR-L512CSVYTLTVITL	65	>TSHR-L512C SVYTQTVITL	75	10
>TSHR-L512CSVYTLTVITL	339	>TSHR-L512C SVYTQTVITL	277	62
>TSHR-L512CSVYTLTVI	345	>TSHR-L512C SVYTQTVI	679	334
>TSHR-L512CSVYTLTVITL	53	>TSHR-L512C SVYTQTVITL	69	16
>TSHR-L512CSVYTLTVITL	79	>TSHR-L512C SVYTQTVITL	46	33
>TSHR-L512CSVYTLTVITL	718	>TSHR-L512C SVYTQTVITL	369	349
>TSHR-L512CSVYTLTVI	38	>TSHR-L512C SVYTQTVI	61	23
>TSHR-L512CSVYTLTVITL	18	>TSHR-L512C SVYTQTVITL	23	5
>TSHR-L512CSVYTLTVI	137	>TSHR-L512C SVYTQTVI	245	108
>TSHR-L512CSVYTLTVITL	57	>TSHR-L512C SVYTQTVITL	152	95

>TSHR-L512CSVYTLTVI	381	>TSHR-L512CSVYTQTVI	1040	659
>TSHR-L512CSVYTLTVITL	151	>TSHR-L512CSVYTQTVITL	242	91
>TSHR-L512CSVYTLTVITL	378	>TSHR-L512CSVYTQTVITL	248	130
>TSHR-L512CSVYTLTVITL	254	>TSHR-L512CSVYTQTVITL	350	96
>TSHR-L512CSVYTLTVI	56	>TSHR-L512CSVYTQTVI	66	10
>TSHR-L512CLSVYTLTV	122	>TSHR-L512CLSVYTQTV	687	565
>TSHR-L512CLSVYTLTV	322	>TSHR-L512CLSVYTQTV	211	111
>TSHR-L512CLSVYTLTVI	104	>TSHR-L512CLSVYTQTVI	79	25
>TSHR-L512CLSVYTLTVITL	102	>TSHR-L512CLSVYTQTVITL	80	22
>TSHR-L512CLSVYTLTV	76	>TSHR-L512CLSVYTQTV	141	65
>TSHR-L512CLSVYTLTVI	57	>TSHR-L512CLSVYTQTVI	86	29
>TSHR-L512CLSVYTLTVITL	9	>TSHR-L512CLSVYTQTVITL	10	1
>TSHR-L512CLSVYTLTVI	94	>TSHR-L512CLSVYTQTVI	34	60
>TSHR-L512CLSVYTLTVITL	142	>TSHR-L512CLSVYTQTVITL	68	74
>TSHR-L512CLSVYTLTVITL	159	>TSHR-L512CLSVYTQTVITL	214	55
>TSHR-L512CLSVYTLTVI	37	>TSHR-L512CLSVYTQTVI	67	30
>TSHR-L512CLSVYTLTVITL	82	>TSHR-L512CLSVYTQTVITL	96	14
>TSHR-L512CLSVYTLTVI	25	>TSHR-L512CLSVYTQTVI	21	4
>TSHR-L512CLSVYTLTVITL	448	>TSHR-L512CLSVYTQTVITL	318	130
>TSHR-L512CELSVYTLTV	405	>TSHR-L512CELSVYTQTV	1554	1149
>TSHR-L512CELSVYTLTV	95	>TSHR-L512CELSVYTQTV	52	43
>TSHR-L512CELSVYTLTVI	294	>TSHR-L512CELSVYTQTVI	710	416
>TSHR-L512CELSVYTLTV	149	>TSHR-L512CELSVYTQTV	114	35
>TSHR-L512CELSVYTLTVI	134	>TSHR-L512CELSVYTQTVI	1137	1003
>TSHR-L512CELSVYTLTV	20	>TSHR-L512CELSVYTQTV	15	5
>TSHR-L512CELSVYTLTV	38	>TSHR-L512CELSVYTQTV	24	14
>TSHR-L512CELSVYTLTV	35	>TSHR-L512CELSVYTQTV	30	5
>TSHR-L512CELSVYTLTV	5	>TSHR-L512CELSVYTQTV	4	1
>TSHR-L512CELSVYTLTVI	510	>TSHR-L512CELSVYTQTVI	468	42
>TSHR-L512CELSVYTLTV	4	>TSHR-L512CELSVYTQTV	3	1
>TSHR-L512CELSVYTLTVI	348	>TSHR-L512CELSVYTQTVI	308	40
>TSHR-L512CELSVYTLTV	253	>TSHR-L512CELSVYTQTV	168	85
>TSHR-L512CELSVYTLTV	33	>TSHR-L512CELSVYTQTV	40	7
>TSHR-L512CELSVYTLTVI	335	>TSHR-L512CELSVYTQTVI	253	82
>TSHR-L512CELSVYTL	31	>TSHR-L512CELSVYTQ	1275	1244
>TSHR-L512CELSVYTLTV	19	>TSHR-L512CELSVYTQTV	19	0
>TSHR-L512CELSVYTLTVI	7	>TSHR-L512CELSVYTQTVI	9	2
>TSHR-L512CELSVYTLTV	448	>TSHR-L512CELSVYTQTV	329	119
>TSHR-L512CELSVYTLTV	224	>TSHR-L512CELSVYTQTV	234	10
>TSHR-L512CELSVYTL	81	>TSHR-L512CELSVYTQ	372	291
>TSHR-L512CELSVYTL	159	>TSHR-L512CELSVYTQ	18713	18554
>TSHR-L512CELSVYTL	20	>TSHR-L512CELSVYTQ	7898	7878
>TSHR-L512CELSVYTLTVI	52	>TSHR-L512CELSVYTQTVI	86	34



>TSHR-L512C SELSVYTL	54	>TSHR-L512C SELSVYTQ	2552	2498
>TSHR-L512C SELSVYTLT	501	>TSHR-L512C SELSVYTQT	341	160
>TSHR-L512C SELSVYTLTV	146	>TSHR-L512C SELSVYTQTV	212	66
>TSHR-L512C SELSVYTLTVI	129	>TSHR-L512C SELSVYTQTVI	129	0
>TSHR-L512C SELSVYTL	388	>TSHR-L512C SELSVYTQ	1242	854
>TSHR-L512C SELSVYTL	125	>TSHR-L512C SELSVYTQ	561	436
>TSHR-L512C SELSVYTLTV	127	>TSHR-L512C SELSVYTQTV	263	136
>TSHR-L512C SELSVYTL	287	>TSHR-L512C SELSVYTQ	596	309
>TSHR-L512C SELSVYTLT	87	>TSHR-L512C SELSVYTQT	180	93
>TSHR-L512C SELSVYTLTV	156	>TSHR-L512C SELSVYTQTV	367	211
>TSHR-L512C SELSVYTLTVI	157	>TSHR-L512C SELSVYTQTVI	161	4
>TSHR-L512C SELSVYTL	99	>TSHR-L512C SELSVYTQ	10383	10284
>TSHR-L512C SELSVYTLT	183	>TSHR-L512C SELSVYTQT	131	52
>TSHR-L512C SELSVYTLTV	28	>TSHR-L512C SELSVYTQTV	14	14
>TSHR-L512C SELSVYTLTVI	6	>TSHR-L512C SELSVYTQTVI	10	4
>TSHR-L512C A SELSVYTL	322	>TSHR-L512C A SELSVYTQ	6769	6447
>TSHR-L512C A SELSVYTL	8	>TSHR-L512C A SELSVYTQ	3203	3195
>TSHR-L512C A SELSVYTLTV	143	>TSHR-L512C A SELSVYTQTV	270	127
>TSHR-L512C A SELSVYTL	102	>TSHR-L512C A SELSVYTQ	10384	10282
>TSHR-L512C F SELSVYTL	113	>TSHR-L512C F SELSVYTQ	12096	11983
>TSHR-L512C F SELSVYTL	23	>TSHR-L512C F SELSVYTQ	5954	5931
>TSHR-L512C F SELSVYTLT	133	>TSHR-L512C F SELSVYTQT	301	168
>TSHR-L512C F SELSVYTL	182	>TSHR-L512C F SELSVYTQ	12448	12266
>TSHR-L512C F SELSVYTL	64	>TSHR-L512C F SELSVYTQ	5752	5688
>TSHR-L512C F SELSVYTLT	202	>TSHR-L512C F SELSVYTQT	439	237
>TSHR-L512C F SELSVYTL	48	>TSHR-L512C F SELSVYTQ	5418	5370
>TSHR-L512C F SELSVYTL	97	>TSHR-L512C F SELSVYTQ	12530	12433
>TSHR-L512C F SELSVYTL	252	>TSHR-L512C F SELSVYTQ	11603	11351
>TSHR-L512C F SELSVYTL	213	>TSHR-L512C F SELSVYTQ	16035	15822
>TSHR-L512C F SELSVYTL	108	>TSHR-L512C F SELSVYTQ	5628	5520
>TSHR-L512C F SELSVYTL	96	>TSHR-L512C F SELSVYTQ	21152	21056
>TSHR-L512C F SELSVYTL	147	>TSHR-L512C F SELSVYTQ	6336	6189
>TSHR-L512C F SELSVYTL	447	>TSHR-L512C F SELSVYTQ	8572	8125
>TSHR-L512C F SELSVYTL	56	>TSHR-L512C F SELSVYTQ	9348	9292
>TSHR-L512C F SELSVYTL	46	>TSHR-L512C F SELSVYTQ	11676	11630
>TSHR-L512C F SELSVYTL	453	>TSHR-L512C F SELSVYTQ	14654	14201
>TSHR-L512C F SELSVYTL	125	>TSHR-L512C F SELSVYTQ	12532	12407
>TSHR-L512C F SELSVYTL	334	>TSHR-L512C F SELSVYTQ	14295	13961
>TSHR-L512F LTVITLERWY	219	>TSHR-L512F RTVITLERWY	470	251
>TSHR-L512F LTVITLERWY,	157	>TSHR-L512F RTVITLERWY,	182	25
>TSHR-L512F LTVITLER	1108	>TSHR-L512F RTVITLER	216	892
>TSHR-L512F LTVITLERWY	22	>TSHR-L512F RTVITLERWY	23	1
>TSHR-L512F LTVITLERWY	348	>TSHR-L512F RTVITLERWY	467	119

>TSHR-L512FLTIVITLERWY,	4418	>TSHR-L512FRTVITLERWY,	223	4195
>TSHR-L512FLTIVITLERWY	299	>TSHR-L512FRTVITLERWY	87	212
>TSHR-L512FLTIVITLER	120	>TSHR-L512FRTVITLER	18	102
>TSHR-L512FLTIVITLERW	14627	>TSHR-L512FRTVITLERW	401	14226
>TSHR-L512FLTIVITLER	19	>TSHR-L512FRTVITLER	51	32
>TSHR-L512FLTIVITLERWY,	268	>TSHR-L512FRTVITLERWY,	1480	1212
>TSHR-L512FLTIVITLER	3497	>TSHR-L512FRTVITLER	431	3066
>TSHR-L512FLTIVITLERW	4	>TSHR-L512FRTVITLERW	3	1
>TSHR-L512FLTIVITLERWY	5	>TSHR-L512FRTVITLERWY	3	2
>TSHR-L512FLTIVITLERWY,	3101	>TSHR-L512FRTVITLERWY,	499	2602
>TSHR-L512FLTIVITLERW	447	>TSHR-L512FRTVITLERW	8193	7746
>TSHR-L512FLTIVITLERW	39	>TSHR-L512FRTVITLERW	32	7
>TSHR-L512FLTIVITLERWY	466	>TSHR-L512FRTVITLERWY	127	339
>TSHR-L512FLTIVITLERW	13	>TSHR-L512FRTVITLERW	9	4
>TSHR-L512FLTIVITLERW	170	>TSHR-L512FRTVITLERW	88	82
>TSHR-L512FLTIVITLERWY	29	>TSHR-L512FRTVITLERWY	24	5
>TSHR-L512FLTIVITLERW	422	>TSHR-L512FRTVITLERW	4855	4433
>TSHR-L512FLTIVITLER	575	>TSHR-L512FRTVITLER	411	164
>TSHR-L512FLTIVITLER	1148	>TSHR-L512FRTVITLER	119	1029
>TSHR-L512FLTIVITLERW'	334	>TSHR-L512FRTVITLERW'	3089	2755
>TSHR-L512FLTIVITLERW'	459	>TSHR-L512FRTVITLERW'	2824	2365
>TSHR-L512FLTIVITLER	224	>TSHR-L512FRTVITLER	12401	12177
>TSHR-L512FLTIVITLER	23	>TSHR-L512FRTVITLER	477	454
>TSHR-L512FLTIVITLERW'	235	>TSHR-L512FRTVITLERW'	1280	1045
>TSHR-L512FLTIVITLER	22140	>TSHR-L512FRTVITLER	330	21810
>TSHR-L512FLTIVITLERW	154	>TSHR-L512FRTVITLERW	9972	9818
>TSHR-L512FLTIVITLERW	3243	>TSHR-L512FRTVITLERW	356	2887
>TSHR-L512FLTIVITLER	215	>TSHR-L512FRTVITLER	891	676
>TSHR-L512FVFASELSVYTL	123	>TSHR-L512FVFASELSVYTF	18799	18676
>TSHR-L512FVFASELSVYTL	93	>TSHR-L512FVFASELSVYTF	2712	2619
>TSHR-L512FVFASELSVYTL	232	>TSHR-L512FVFASELSVYTF	4374	4142
>TSHR-L512FVFASELSVYTL	94	>TSHR-L512FVFASELSVYTF	8612	8518
>TSHR-L512FVFASELSVYTL	14244	>TSHR-L512FVFASELSVYTF	55	14189
>TSHR-L512FVFASELSVYTL	24798	>TSHR-L512FVFASELSVYTF	361	24437
>TSHR-L512FVFASELSVYTL	29423	>TSHR-L512FVFASELSVYTF	287	29136
>TSHR-L512FVFASELSVYTL	28043	>TSHR-L512FVFASELSVYTF	194	27849
>TSHR-L512FVFASELSVYTL	341	>TSHR-L512FVFASELSVYTF	10895	10554
>TSHR-L512FYTLTVITL	44	>TSHR-L512FYTRTVITL	3482	3438
>TSHR-L512FYTLTVITL	756	>TSHR-L512FYTRTVITL	403	353
>TSHR-L512FYTLTVITL	18	>TSHR-L512FYTRTVITL	739	721
>TSHR-L512FYTLTVITL	7	>TSHR-L512FYTRTVITL	268	261
>TSHR-L512FYTLTVITL	46	>TSHR-L512FYTRTVITL	3658	3612
>TSHR-L512FYTLTVITL	25	>TSHR-L512FYTRTVITL	3867	3842

>TSHR-L512FYTLTVITL	198	>TSHR-L512FYTRTVITL	14522	14324
>TSHR-L512FYTLTVITL	119	>TSHR-L512FYTRTVITL	719	600
>TSHR-L512FYTLTVITLER	323	>TSHR-L512FYTRTVITLER	808	485
>TSHR-L512FYTLTVITLER	74	>TSHR-L512FYTRTVITLER	489	415
>TSHR-L512FYTLTVITL	218	>TSHR-L512FYTRTVITL	427	209
>TSHR-L512FYTLTVITL	4040	>TSHR-L512FYTRTVITL	81	3959
>TSHR-L512FYTLTVITLER	6140	>TSHR-L512FYTRTVITLER	178	5962
>TSHR-L512FYTLTVITLER	67	>TSHR-L512FYTRTVITLER	44	23
>TSHR-L512FYTLTVITL	116	>TSHR-L512FYTRTVITL	1062	946
>TSHR-L512FYTLTVITLER	124	>TSHR-L512FYTRTVITLER	121	3
>TSHR-L512FYTLTVITLER	4	>TSHR-L512FYTRTVITLER	6	2
>TSHR-L512FYTLTVITL	251	>TSHR-L512FYTRTVITL	1332	1081
>TSHR-L512FYTLTVITL	33	>TSHR-L512FYTRTVITL	2838	2805
>TSHR-L512FYTLTVITL	347	>TSHR-L512FYTRTVITL	281	66
>TSHR-L512FYTLTVITL	10	>TSHR-L512FYTRTVITL	6	4
>TSHR-L512FYTLTVITLERV	5	>TSHR-L512FYTRTVITLERV	5	0
>TSHR-L512FYTLTVITL	250	>TSHR-L512FYTRTVITL	4917	4667
>TSHR-L512FYTLTVITLERV	47	>TSHR-L512FYTRTVITLERV	41	6
>TSHR-L512FYTLTVITLERV	10	>TSHR-L512FYTRTVITLERV	30	20
>TSHR-L512FYTLTVITL	496	>TSHR-L512FYTRTVITL	417	79
>TSHR-L512FYTLTVITL	171	>TSHR-L512FYTRTVITL	60	111
>TSHR-L512FYTLTVITLERV	19	>TSHR-L512FYTRTVITLERV	9	10
>TSHR-L512FYTLTVITLERV	155	>TSHR-L512FYTRTVITLERV	2259	2104
>TSHR-L512FYTLTVITLER	203	>TSHR-L512FYTRTVITLER	973	770
>TSHR-L512FYTLTVITL	360	>TSHR-L512FYTRTVITL	922	562
>TSHR-L512FVYTLTVITL	137	>TSHR-L512FVYTRTVITL	89	48
>TSHR-L512FVYTLTVITL	1117	>TSHR-L512FVYTRTVITL	444	673
>TSHR-L512FVYTLTVITL	207	>TSHR-L512FVYTRTVITL	110	97
>TSHR-L512FVYTLTVITL	28	>TSHR-L512FVYTRTVITL	11	17
>TSHR-L512FVYTLTVITLER	303	>TSHR-L512FVYTRTVITLER	153	150
>TSHR-L512FVYTLTVITLER	322	>TSHR-L512FVYTRTVITLER	564	242
>TSHR-L512FVYTLTVITLER	53	>TSHR-L512FVYTRTVITLER	80	27
>TSHR-L512FVYTLTVITL	443	>TSHR-L512FVYTRTVITL	516	73
>TSHR-L512FSVYTLTVITL	210	>TSHR-L512FSVYTRTVITL	857	647
>TSHR-L512FSVYTLTVITL	49	>TSHR-L512FSVYTRTVITL	77	28
>TSHR-L512FSVYTLTVI	68	>TSHR-L512FSVYTRTVI	182	114
>TSHR-L512FSVYTLTVITL	64	>TSHR-L512FSVYTRTVITL	86	22
>TSHR-L512FSVYTLTVI	137	>TSHR-L512FSVYTRTVI	613	476
>TSHR-L512FSVYTLTVITL	95	>TSHR-L512FSVYTRTVITL	243	148
>TSHR-L512FSVYTLTVI	240	>TSHR-L512FSVYTRTVI	1243	1003
>TSHR-L512FSVYTLTVITL	65	>TSHR-L512FSVYTRTVITL	93	28
>TSHR-L512FSVYTLTVITL	339	>TSHR-L512FSVYTRTVITL	374	35
>TSHR-L512FSVYTLTVI	345	>TSHR-L512FSVYTRTVI	1970	1625

>TSHR-L512F SVYTLTVITL	53	>TSHR-L512F SVYTRTVITL	115	62
>TSHR-L512F SVYTLTVITL	79	>TSHR-L512F SVYTRTVITL	57	22
>TSHR-L512F SVYTLTVI	38	>TSHR-L512F SVYTRTVI	64	26
>TSHR-L512F SVYTLTVITL	18	>TSHR-L512F SVYTRTVITL	22	4
>TSHR-L512F SVYTLTVI	137	>TSHR-L512F SVYTRTVI	257	120
>TSHR-L512F SVYTLTVITL	57	>TSHR-L512F SVYTRTVITL	90	33
>TSHR-L512F SVYTLTVI	381	>TSHR-L512F SVYTRTVI	2041	1660
>TSHR-L512F SVYTLTVITL	151	>TSHR-L512F SVYTRTVITL	534	383
>TSHR-L512F SVYTLTVITL	378	>TSHR-L512F SVYTRTVITL	299	79
>TSHR-L512F SVYTLTVITL	254	>TSHR-L512F SVYTRTVITL	494	240
>TSHR-L512F SVYTLTVI	56	>TSHR-L512F SVYTRTVI	59	3
>TSHR-L512F LSVYTLTV	122	>TSHR-L512F LSVYTRTV	2593	2471
>TSHR-L512F LSVYTLTV	322	>TSHR-L512F LSVYTRTV	411	89
>TSHR-L512F LSVYTLTVI	104	>TSHR-L512F LSVYTRTVI	65	39
>TSHR-L512F LSVYTLTVITL	102	>TSHR-L512F LSVYTRTVITL	66	36
>TSHR-L512F LSVYTLTV	76	>TSHR-L512F LSVYTRTV	276	200
>TSHR-L512F LSVYTLTVI	57	>TSHR-L512F LSVYTRTVI	165	108
>TSHR-L512F LSVYTLTVITL	9	>TSHR-L512F LSVYTRTVITL	12	3
>TSHR-L512F LSVYTLTVI	94	>TSHR-L512F LSVYTRTVI	200	106
>TSHR-L512F LSVYTLTVITL	142	>TSHR-L512F LSVYTRTVITL	200	58
>TSHR-L512F LSVYTLTVITL	159	>TSHR-L512F LSVYTRTVITL	226	67
>TSHR-L512F LSVYTLTVI	37	>TSHR-L512F LSVYTRTVI	53	16
>TSHR-L512F LSVYTLTVITL	82	>TSHR-L512F LSVYTRTVITL	89	7
>TSHR-L512F LSVYTLTVI	25	>TSHR-L512F LSVYTRTVI	29	4
>TSHR-L512F LSVYTLTVITL	448	>TSHR-L512F LSVYTRTVITL	398	50
>TSHR-L512F ELSVYTLTV	405	>TSHR-L512F ELSVYTRTV	5453	5048
>TSHR-L512F ELSVYTLTV	95	>TSHR-L512F ELSVYTRTV	327	232
>TSHR-L512F ELSVYTLTVI	294	>TSHR-L512F ELSVYTRTVI	764	470
>TSHR-L512F ELSVYTLTV	149	>TSHR-L512F ELSVYTRTV	264	115
>TSHR-L512F ELSVYTLTVI	134	>TSHR-L512F ELSVYTRTVI	695	561
>TSHR-L512F ELSVYTLTV	20	>TSHR-L512F ELSVYTRTV	46	26
>TSHR-L512F ELSVYTLTV	38	>TSHR-L512F ELSVYTRTV	158	120
>TSHR-L512F ELSVYTLTV	35	>TSHR-L512F ELSVYTRTV	259	224
>TSHR-L512F ELSVYTLTV	5	>TSHR-L512F ELSVYTRTV	15	10
>TSHR-L512F ELSVYTLTV	4	>TSHR-L512F ELSVYTRTV	10	6
>TSHR-L512F ELSVYTLTVI	348	>TSHR-L512F ELSVYTRTVI	1147	799
>TSHR-L512F ELSVYTLTV	253	>TSHR-L512F ELSVYTRTV	557	304
>TSHR-L512F ELSVYTLTV	33	>TSHR-L512F ELSVYTRTV	169	136
>TSHR-L512F SELSVYTLTVI	335	>TSHR-L512F SELSVYTRTVI	189	146
>TSHR-L512F SELSVYTL	31	>TSHR-L512F SELSVYTR	1750	1719
>TSHR-L512F SELSVYTLTV	19	>TSHR-L512F SELSVYTRTV	16	3
>TSHR-L512F SELSVYTLTVI	7	>TSHR-L512F SELSVYTRTVI	9	2
>TSHR-L512F SELSVYTLTV	448	>TSHR-L512F SELSVYTRTV	763	315

>TSHR-L512F SELSVYTLTV	224	>TSHR-L512F SELSVYTRTV	1357	1133
>TSHR-L512F SELSVYTL	19574	>TSHR-L512F SELSVYTR	440	19134
>TSHR-L512F SELSVYTL	81	>TSHR-L512F SELSVYTR	736	655
>TSHR-L512F SELSVYTL	159	>TSHR-L512F SELSVYTR	18505	18346
>TSHR-L512F SELSVYTL	20	>TSHR-L512F SELSVYTR	10911	10891
>TSHR-L512F SELSVYTLTVI	52	>TSHR-L512F SELSVYTRTVI	79	27
>TSHR-L512F SELSVYTL	54	>TSHR-L512F SELSVYTR	4228	4174
>TSHR-L512F SELSVYTLTV	146	>TSHR-L512F SELSVYTRTV	177	31
>TSHR-L512F SELSVYTLTVI	129	>TSHR-L512F SELSVYTRTVI	166	37
>TSHR-L512F SELSVYTL	388	>TSHR-L512F SELSVYTR	2224	1836
>TSHR-L512F SELSVYTLTV	628	>TSHR-L512F SELSVYTRTV	323	305
>TSHR-L512F SELSVYTL	125	>TSHR-L512F SELSVYTR	930	805
>TSHR-L512F SELSVYTLTV	127	>TSHR-L512F SELSVYTRTV	257	130
>TSHR-L512F SELSVYTL	287	>TSHR-L512F SELSVYTR	1324	1037
>TSHR-L512F SELSVYTLT	87	>TSHR-L512F SELSVYTRT	85	2
>TSHR-L512F SELSVYTLTV	156	>TSHR-L512F SELSVYTRTV	206	50
>TSHR-L512F SELSVYTLTVI	157	>TSHR-L512F SELSVYTRTVI	177	20
>TSHR-L512F SELSVYTL	99	>TSHR-L512F SELSVYTR	14990	14891
>TSHR-L512F SELSVYTLT	183	>TSHR-L512F SELSVYTRT	351	168
>TSHR-L512F SELSVYTLTV	28	>TSHR-L512F SELSVYTRTV	22	6
>TSHR-L512F SELSVYTLTVI	6	>TSHR-L512F SELSVYTRTVI	9	3
>TSHR-L512F SELSVYTL	31643	>TSHR-L512F SELSVYTR	359	31284
>TSHR-L512F ASELVYTL	16317	>TSHR-L512F ASELVYTR	53	16264
>TSHR-L512F ASELVYTL	322	>TSHR-L512F ASELVYTR	9971	9649
>TSHR-L512F ASELVYTL	35814	>TSHR-L512F ASELVYTR	369	35445
>TSHR-L512F ASELVYTL	8	>TSHR-L512F ASELVYTR	5562	5554
>TSHR-L512F ASELVYTLTV	143	>TSHR-L512F ASELVYTRTV	400	257
>TSHR-L512F ASELVYTL	102	>TSHR-L512F ASELVYTR	15976	15874
>TSHR-L512F ASELVYTL	2521	>TSHR-L512F ASELVYTR	167	2354
>TSHR-L512F FASELSVYTL	113	>TSHR-L512F FASELSVYTR	9159	9046
>TSHR-L512F FASELSVYTL	23	>TSHR-L512F FASELSVYTR	4182	4159
>TSHR-L512F FASELSVYTLT	133	>TSHR-L512F FASELSVYTRT	456	323
>TSHR-L512F FASELSVYTL	182	>TSHR-L512F FASELSVYTR	8660	8478
>TSHR-L512F FASELSVYTL	64	>TSHR-L512F FASELSVYTR	3019	2955
>TSHR-L512F FASELSVYTLT	202	>TSHR-L512F FASELSVYTRT	670	468
>TSHR-L512F FASELSVYTL	48	>TSHR-L512F FASELSVYTR	14866	14818
>TSHR-L512F FASELSVYTL	97	>TSHR-L512F FASELSVYTR	19122	19025
>TSHR-L512F FASELSVYTL	252	>TSHR-L512F FASELSVYTR	20620	20368
>TSHR-L512F FASELSVYTL	213	>TSHR-L512F FASELSVYTR	21729	21516
>TSHR-L512F FASELSVYTL	108	>TSHR-L512F FASELSVYTR	21025	20917
>TSHR-L512F FASELSVYTL	27479	>TSHR-L512F FASELSVYTR	314	27165
>TSHR-L512F FASELSVYTL	10687	>TSHR-L512F FASELSVYTR	65	10622
>TSHR-L512F FASELSVYTL	21215	>TSHR-L512F FASELSVYTR	281	20934

>TSHR-L512F FASELSVYTL	8210	>TSHR-L512F FASELSVYTR	6	8204
>TSHR-L512F FASELSVYTL	96	>TSHR-L512F FASELSVYTR	17217	17121
>TSHR-L512F FASELSVYTL	147	>TSHR-L512F FASELSVYTR	13784	13637
>TSHR-L512F FASELSVYTL	447	>TSHR-L512F FASELSVYTR	4367	3920
>TSHR-L512F FASELSVYTL	56	>TSHR-L512F FASELSVYTR	12678	12622
>TSHR-L512F FASELSVYTL	46	>TSHR-L512F FASELSVYTR	12810	12764
>TSHR-L512F FASELSVYTL	453	>TSHR-L512F FASELSVYTR	18843	18390
>TSHR-L512F FASELSVYTL	125	>TSHR-L512F FASELSVYTR	18120	17995
>TSHR-L512F FASELSVYTL	334	>TSHR-L512F FASELSVYTR	18272	17938
>TSHR-L512F FASELSVYTL	34363	>TSHR-L512F FASELSVYTR	469	33894
>TSHR-L629F LIFTDFICM	761	>TSHR-L629F FIFTDFICM	66	695
>TSHR-L629F LIFTDFICMA	619	>TSHR-L629F FIFTDFICMA	102	517
>TSHR-L629F LIFTDFICM	1432	>TSHR-L629F FIFTDFICM	107	1325
>TSHR-L629F LIFTDFICMA	181	>TSHR-L629F FIFTDFICMA	55	126
>TSHR-L629F LIFTDFICMA	139	>TSHR-L629F FIFTDFICMA	45	94
>TSHR-L629F LIFTDFIC	880	>TSHR-L629F FIFTDFIC	78	802
>TSHR-L629F LIFTDFICM	319	>TSHR-L629F FIFTDFICM	39	280
>TSHR-L629F LIFTDFICMA	109	>TSHR-L629F FIFTDFICMA	41	68
>TSHR-L629F LIFTDFIC	2386	>TSHR-L629F FIFTDFIC	384	2002
>TSHR-L629F LIFTDFICM	2907	>TSHR-L629F FIFTDFICM	427	2480
>TSHR-L629F LIFTDFICMA	72	>TSHR-L629F FIFTDFICMA	14	58
>TSHR-L629F LIFTDFICMA	2862	>TSHR-L629F FIFTDFICMA	399	2463
>TSHR-L629F LIFTDFICMA	302	>TSHR-L629F FIFTDFICMA	33	269
>TSHR-L629F LIFTDFIC	2396	>TSHR-L629F FIFTDFIC	348	2048
>TSHR-L629F LIFTDFICMA	52	>TSHR-L629F FIFTDFICMA	14	38
>TSHR-L629F LIFTDFICMA	2178	>TSHR-L629F FIFTDFICMA	295	1883
>TSHR-L629F LIFTDFICM	173	>TSHR-L629F FIFTDFICM	101	72
>TSHR-L629F LIFTDFICM	787	>TSHR-L629F FIFTDFICM	246	541
>TSHR-L629F VLIFTDFI	68	>TSHR-L629F VFIFTDFI	14286	14218
>TSHR-L629F VLIFTDFICM	428	>TSHR-L629F VFIFTDFICM	11853	11425
>TSHR-L629F VLIFTDFICM/	110	>TSHR-L629F VFIFTDFICM/	14523	14413
>TSHR-L629F VLIFTDFI	29	>TSHR-L629F VFIFTDFI	873	844
>TSHR-L629F VLIFTDFICM/	168	>TSHR-L629F VFIFTDFICM/	4909	4741
>TSHR-L629F VLIFTDFI	42	>TSHR-L629F VFIFTDFI	10748	10706
>TSHR-L629F VLIFTDFICM/	62	>TSHR-L629F VFIFTDFICM/	9977	9915
>TSHR-L629F VLIFTDFI	161	>TSHR-L629F VFIFTDFI	3306	3145
>TSHR-L629F VLIFTDFICM/	237	>TSHR-L629F VFIFTDFICM/	8516	8279
>TSHR-L629F VLIFTDFI	13	>TSHR-L629F VFIFTDFI	10022	10009
>TSHR-L629F VLIFTDFICM/	19	>TSHR-L629F VFIFTDFICM/	5836	5817
>TSHR-L629F VLIFTDFI	11	>TSHR-L629F VFIFTDFI	12255	12244
>TSHR-L629F VLIFTDFIC	195	>TSHR-L629F VFIFTDFIC	18862	18667
>TSHR-L629F VLIFTDFICM	185	>TSHR-L629F VFIFTDFICM	19171	18986
>TSHR-L629F VLIFTDFICM/	56	>TSHR-L629F VFIFTDFICM/	16572	16516

>TSHR-L629F VLIFTDFI	30	>TSHR-L629F VFIFTDFI	12917	12887
>TSHR-L629F VLIFTDFICM/	38	>TSHR-L629F VFIFTDFICM/	13450	13412
>TSHR-L629F VLIFTDFI	78	>TSHR-L629F VFIFTDFI	18645	18567
>TSHR-L629F VLIFTDFI	45	>TSHR-L629F VFIFTDFI	24874	24829
>TSHR-L629F VLIFTDFIC	381	>TSHR-L629F VFIFTDFIC	32486	32105
>TSHR-L629F VLIFTDFICM/	14	>TSHR-L629F VFIFTDFICM/	11951	11937
>TSHR-L629F VLIFTDFI	1908	>TSHR-L629F VFIFTDFI	76	1832
>TSHR-L629F VLIFTDFI	5906	>TSHR-L629F VFIFTDFI	481	5425
>TSHR-L629F VLIFTDFI	14749	>TSHR-L629F VFIFTDFI	186	14563
>TSHR-L629F VLIFTDFI	10630	>TSHR-L629F VFIFTDFI	269	10361
>TSHR-L629F DTAKIARMA\	2012	>TSHR-L629F DTAKIARMA\	355	1657
>TSHR-L629F DTAKIARMA\	1156	>TSHR-L629F DTAKIARMA\	216	940
>TSHR-L629F DTAKIARMA\	805	>TSHR-L629F DTAKIARMA\	86	719
>TSHR-L629F AVLIFTDFICM	1195	>TSHR-L629F AVFIFTDFICM	305	890
>TSHR-L629F AVLIFTDFI	339	>TSHR-L629F AVFIFTDFI	234	105
>TSHR-L629F AVLIFTDFI	530	>TSHR-L629F AVFIFTDFI	228	302
>TSHR-L629F AVLIFTDFI	201	>TSHR-L629F AVFIFTDFI	25	176
>TSHR-L629F AVLIFTDFI	2250	>TSHR-L629F AVFIFTDFI	381	1869
>TSHR-L629F AVLIFTDFI	47	>TSHR-L629F AVFIFTDFI	83	36
>TSHR-L629F AVLIFTDFI	98	>TSHR-L629F AVFIFTDFI	60	38
>TSHR-L629F AVLIFTDFI	264	>TSHR-L629F AVFIFTDFI	277	13
>TSHR-L629F AVLIFTDFICM	287	>TSHR-L629F AVFIFTDFICM	1422	1135
>TSHR-L629F AVLIFTDFI	560	>TSHR-L629F AVFIFTDFI	276	284
>TSHR-L629F AVLIFTDF	63	>TSHR-L629F AVFIFTDF	16	47
>TSHR-L629F AVLIFTDFI	238	>TSHR-L629F AVFIFTDFI	38	200
>TSHR-L629F AVLIFTDFI	552	>TSHR-L629F AVFIFTDFI	32	520
>TSHR-L629F AVLIFTDFI	189	>TSHR-L629F AVFIFTDFI	419	230
>TSHR-L629F AVLIFTDF	3048	>TSHR-L629F AVFIFTDF	393	2655
>TSHR-L629F AVLIFTDF	213	>TSHR-L629F AVFIFTDF	48	165
>TSHR-L629F AVLIFTDF	424	>TSHR-L629F AVFIFTDF	158	266
>TSHR-L629F AVLIFTDFI	1096	>TSHR-L629F AVFIFTDFI	467	629
>TSHR-L629F AVLIFTDFICM	1181	>TSHR-L629F AVFIFTDFICM	465	716
>TSHR-L629F AVLIFTDFI	226	>TSHR-L629F AVFIFTDFI	83	143
>TSHR-L629F MAVLIFTDFI	190	>TSHR-L629F MAVFIFTDFI	483	293
>TSHR-L629F MAVLIFTDFI	153	>TSHR-L629F MAVFIFTDFI	208	55
>TSHR-L629F MAVLIFTDF	591	>TSHR-L629F MAVFIFTDF	146	445
>TSHR-L629F MAVLIFTDFI	76	>TSHR-L629F MAVFIFTDFI	21	55
>TSHR-L629F MAVLIFTDFI	304	>TSHR-L629F MAVFIFTDFI	149	155
>TSHR-L629F MAVLIFTDF	57	>TSHR-L629F MAVFIFTDF	31	26
>TSHR-L629F MAVLIFTDF	85	>TSHR-L629F MAVFIFTDF	109	24
>TSHR-L629F MAVLIFTDF	48	>TSHR-L629F MAVFIFTDF	49	1
>TSHR-L629F MAVLIFTDF	151	>TSHR-L629F MAVFIFTDF	143	8
>TSHR-L629F MAVLIFTDF	406	>TSHR-L629F MAVFIFTDF	154	252

>TSHR-L629F RMAVLIFT	161	>TSHR-L629F RMAVFIFT	125	36
>TSHR-L629F RMAVLIFTDF	30	>TSHR-L629F RMAVFIFTDF	24	6
>TSHR-L629F RMAVLIFT	75	>TSHR-L629F RMAVFIFT	52	23
>TSHR-L629F RMAVLIFTDF	5	>TSHR-L629F RMAVFIFTDF	4	1
>TSHR-L629F RMAVLIFT	150	>TSHR-L629F RMAVFIFT	177	27
>TSHR-L629F RMAVLIFTDF	15	>TSHR-L629F RMAVFIFTDF	12	3
>TSHR-L629F RMAVLIFT	289	>TSHR-L629F RMAVFIFT	207	82
>TSHR-L629F RMAVLIFTDF	53	>TSHR-L629F RMAVFIFTDF	49	4
>TSHR-L629F RMAVLIFT	75	>TSHR-L629F RMAVFIFT	55	20
>TSHR-L629F RMAVLIFTDF	8	>TSHR-L629F RMAVFIFTDF	6	2
>TSHR-L629F RMAVLIFTDF	25	>TSHR-L629F RMAVFIFTDF	21	4
>TSHR-L629F RMAVLIFT	104	>TSHR-L629F RMAVFIFT	143	39
>TSHR-L629F RMAVLIFTDF	16	>TSHR-L629F RMAVFIFTDF	18	2
>TSHR-L629F RMAVLIFTDF	19	>TSHR-L629F RMAVFIFTDF	14	5
>TSHR-L629F RMAVLIFT	425	>TSHR-L629F RMAVFIFT	315	110
>TSHR-L629F RMAVLIFTDF	89	>TSHR-L629F RMAVFIFTDF	63	26
>TSHR-L629F RMAVLIFTDF	185	>TSHR-L629F RMAVFIFTDF	186	1
>TSHR-L629F RMAVLIFTDF	1070	>TSHR-L629F RMAVFIFTDF	418	652
>TSHR-L629F RMAVLIFTDF	22	>TSHR-L629F RMAVFIFTDF	14	8
>TSHR-L629F RMAVLIFTDF	69	>TSHR-L629F RMAVFIFTDF	47	22
>TSHR-L629F RMAVLIFTDF	45	>TSHR-L629F RMAVFIFTDF	50	5
>TSHR-L629F RMAVLIFTDF	8	>TSHR-L629F RMAVFIFTDF	5	3
>TSHR-L629F RMAVLIFTDF	498	>TSHR-L629F RMAVFIFTDF	223	275
>TSHR-L629F RMAVLIFTDF	337	>TSHR-L629F RMAVFIFTDF	340	3
>TSHR-L629F RMAVLIFTDF	106	>TSHR-L629F RMAVFIFTDF	119	13
>TSHR-L629F RMAVLIFTDF	97	>TSHR-L629F RMAVFIFTDF	107	10
>TSHR-L629F RMAVLIFTDF	253	>TSHR-L629F RMAVFIFTDF	183	70
>TSHR-L629F RMAVLIFTDF	347	>TSHR-L629F RMAVFIFTDF	318	29
>TSHR-L629F RMAVLIFTDF	146	>TSHR-L629F RMAVFIFTDF	78	68
>TSHR-L629F KRMAVLIF	597	>TSHR-L629F KRMAVFIF	388	209
>TSHR-L629F KRMAVLIFTD	577	>TSHR-L629F KRMAVFIFTD	405	172
>TSHR-L629F KRMAVLIF	8	>TSHR-L629F KRMAVFIF	8	0
>TSHR-L629F KRMAVLIFTD	14	>TSHR-L629F KRMAVFIFTD	8	6
>TSHR-L629F KRMAVLIF	26	>TSHR-L629F KRMAVFIF	21	5
>TSHR-L629F KRMAVLIFT	117	>TSHR-L629F KRMAVFIFT	93	24
>TSHR-L629F KRMAVLIFTD	38	>TSHR-L629F KRMAVFIFTD	38	0
>TSHR-L629F KRMAVLIF	139	>TSHR-L629F KRMAVFIF	241	102
>TSHR-L629F KRMAVLIFT	62	>TSHR-L629F KRMAVFIFT	51	11
>TSHR-L629F KRMAVLIFTD	499	>TSHR-L629F KRMAVFIFTD	384	115
>TSHR-L629F KRMAVLIFTD	45	>TSHR-L629F KRMAVFIFTD	39	6
>TSHR-L629F KRMAVLIFT	678	>TSHR-L629F KRMAVFIFT	210	468
>TSHR-L629F KRMAVLIFTD	28	>TSHR-L629F KRMAVFIFTD	17	11
>TSHR-L629F AKRMAVLI	356	>TSHR-L629F AKRMAVFI	119	237



>TSHR-L629F AKRMAVLI	41	>TSHR-L629F AKRMAVFI	31	10
>TSHR-L629F AKRMAVLIF	3	>TSHR-L629F AKRMAVFIF	3	0
>TSHR-L629F AKRMAVLI	260	>TSHR-L629F AKRMAVFI	184	76
>TSHR-L629F IAKRMAVLI	156	>TSHR-L629F IAKRMAVFI	36	120
>TSHR-L629F IAKRMAVLIF	652	>TSHR-L629F IAKRMAVFIF	446	206
>TSHR-L629F IAKRMAVL	326	>TSHR-L629F IAKRMAVF	1300	974
>TSHR-L629F IAKRMAVL	2753	>TSHR-L629F IAKRMAVF	151	2602
>TSHR-L629F IAKRMAVLIF	326	>TSHR-L629F IAKRMAVFIF	545	219
>TSHR-L629F IAKRMAVL	990	>TSHR-L629F IAKRMAVF	39	951
>TSHR-L629F IAKRMAVLIF	21	>TSHR-L629F IAKRMAVFIF	29	8
>TSHR-L629F IAKRMAVL	151	>TSHR-L629F IAKRMAVF	16	135
>TSHR-L629F IAKRMAVLIF	37	>TSHR-L629F IAKRMAVFIF	50	13
>TSHR-L629F IAKRMAVL	3254	>TSHR-L629F IAKRMAVF	232	3022
>TSHR-L629F IAKRMAVLIF	308	>TSHR-L629F IAKRMAVFIF	165	143
>TSHR-L629F IAKRMAVLIF	214	>TSHR-L629F IAKRMAVFIF	156	58
>TSHR-L629F KIAKRMAVL	67	>TSHR-L629F KIAKRMAVF	6660	6593
>TSHR-L629F KIAKRMAVL	85	>TSHR-L629F KIAKRMAVF	6209	6124
>TSHR-L629F KIAKRMAVL	291	>TSHR-L629F KIAKRMAVF	2189	1898
>TSHR-L629F KIAKRMAVL	1789	>TSHR-L629F KIAKRMAVF	146	1643
>TSHR-L629F KIAKRMAVLI	643	>TSHR-L629F KIAKRMAVFI	165	478
>TSHR-L629F KIAKRMAVL	1507	>TSHR-L629F KIAKRMAVF	256	1251
>TSHR-L629F KIAKRMAVLI	101	>TSHR-L629F KIAKRMAVFI	214	113
>TSHR-L629F KIAKRMAVLII	154	>TSHR-L629F KIAKRMAVFI	115	39
>TSHR-L629F KIAKRMAVL	145	>TSHR-L629F KIAKRMAVF	1217	1072
>TSHR-L629F KIAKRMAVL	216	>TSHR-L629F KIAKRMAVF	875	659
>TSHR-L629F KIAKRMAVL	1736	>TSHR-L629F KIAKRMAVF	71	1665
>TSHR-L629F KIAKRMAVLII	166	>TSHR-L629F KIAKRMAVFI	320	154
>TSHR-L629F KIAKRMAVL	4060	>TSHR-L629F KIAKRMAVF	207	3853
>TSHR-L629F KIAKRMAVLII	110	>TSHR-L629F KIAKRMAVFI	175	65
>TSHR-L629F KIAKRMAVL	445	>TSHR-L629F KIAKRMAVF	47	398
>TSHR-L629F KIAKRMAVLII	148	>TSHR-L629F KIAKRMAVFI	211	63
>TSHR-L629F KIAKRMAVL	5548	>TSHR-L629F KIAKRMAVF	242	5306
>TSHR-L629F KIAKRMAVLII	88	>TSHR-L629F KIAKRMAVFI	64	24
>TSHR-L629F KIAKRMAVL	1770	>TSHR-L629F KIAKRMAVF	242	1528
>TSHR-L629F KIAKRMAVL	6676	>TSHR-L629F KIAKRMAVF	368	6308
>TSHR-L629F KIAKRMAVLII	743	>TSHR-L629F KIAKRMAVFI	328	415
>TSHR-L629F TKIAKRMAVL	193	>TSHR-L629F TKIAKRMAVF	13	180
>TSHR-L629F TKIAKRMAVL	619	>TSHR-L629F TKIAKRMAVF	369	250
>TSHR-L629F TKIAKRMAVL	21	>TSHR-L629F TKIAKRMAVF	618	597
>TSHR-L677V LYAIFTKAF	149	>TSHR-L677V VYAIFTKAF	86	63
>TSHR-L677V LYAIFTKAF	251	>TSHR-L677V VYAIFTKAF	194	57
>TSHR-L677V LYAIFTKAF	12	>TSHR-L677V VYAIFTKAF	17	5
>TSHR-L677V LYAIFTKAFQF	43	>TSHR-L677V VYAIFTKAFQI	51	8

>TSHR-L677\ LYAIFTKAFQF	288	>TSHR-L677\ VYAIFTKAFQI	395	107
>TSHR-L677\ LYAIFTKAFQF	145	>TSHR-L677\ VYAIFTKAFQI	288	143
>TSHR-L677\ LYAIFTKAF	101	>TSHR-L677\ VYAIFTKAF	185	84
>TSHR-L677\ LYAIFTKAFQF	31	>TSHR-L677\ VYAIFTKAFQI	32	1
>TSHR-L677\ FLYAIFTKA	10	>TSHR-L677\ FVYAIFTKA	46	36
>TSHR-L677\ FLYAIFTKAFC	481	>TSHR-L677\ FVYAIFTKAFC	4116	3635
>TSHR-L677\ FLYAIFTK	64	>TSHR-L677\ FVYAIFTK	706	642
>TSHR-L677\ FLYAIFTKA	2	>TSHR-L677\ FVYAIFTKA	7	5
>TSHR-L677\ FLYAIFTKAF	232	>TSHR-L677\ FVYAIFTKAF	3124	2892
>TSHR-L677\ FLYAIFTKAFC	14	>TSHR-L677\ FVYAIFTKAFC	125	111
>TSHR-L677\ FLYAIFTK	205	>TSHR-L677\ FVYAIFTK	3094	2889
>TSHR-L677\ FLYAIFTKA	2	>TSHR-L677\ FVYAIFTKA	5	3
>TSHR-L677\ FLYAIFTKAF	348	>TSHR-L677\ FVYAIFTKAF	2438	2090
>TSHR-L677\ FLYAIFTKAFC	81	>TSHR-L677\ FVYAIFTKAFC	1107	1026
>TSHR-L677\ FLYAIFTKA	8	>TSHR-L677\ FVYAIFTKA	6	2
>TSHR-L677\ FLYAIFTKAFC	474	>TSHR-L677\ FVYAIFTKAFC	302	172
>TSHR-L677\ FLYAIFTK	18	>TSHR-L677\ FVYAIFTK	1194	1176
>TSHR-L677\ FLYAIFTKA	3	>TSHR-L677\ FVYAIFTKA	78	75
>TSHR-L677\ FLYAIFTKAF	20	>TSHR-L677\ FVYAIFTKAF	2353	2333
>TSHR-L677\ FLYAIFTKAFC	22	>TSHR-L677\ FVYAIFTKAFC	1645	1623
>TSHR-L677\ FLYAIFTKA	27	>TSHR-L677\ FVYAIFTKA	4047	4020
>TSHR-L677\ FLYAIFTK	145	>TSHR-L677\ FVYAIFTK	7100	6955
>TSHR-L677\ FLYAIFTKA	7	>TSHR-L677\ FVYAIFTKA	130	123
>TSHR-L677\ FLYAIFTKAFC	49	>TSHR-L677\ FVYAIFTKAFC	3485	3436
>TSHR-L677\ FLYAIFTKA	73	>TSHR-L677\ FVYAIFTKA	5811	5738
>TSHR-L677\ FLYAIFTK	8	>TSHR-L677\ FVYAIFTK	1377	1369
>TSHR-L677\ FLYAIFTKA	2	>TSHR-L677\ FVYAIFTKA	24	22
>TSHR-L677\ FLYAIFTKAF	146	>TSHR-L677\ FVYAIFTKAF	13509	13363
>TSHR-L677\ FLYAIFTKAFC	6	>TSHR-L677\ FVYAIFTKAFC	610	604
>TSHR-L677\ FLYAIFTK	30	>TSHR-L677\ FVYAIFTK	43	13
>TSHR-L677\ FLYAIFTK	23	>TSHR-L677\ FVYAIFTK	11	12
>TSHR-L677\ FLYAIFTKAF	359	>TSHR-L677\ FVYAIFTKAF	182	177
>TSHR-L677\ FLYAIFTKAF	7225	>TSHR-L677\ FVYAIFTKAF	277	6948
>TSHR-L677\ FLYAIFTKAF	145	>TSHR-L677\ FVYAIFTKAF	160	15
>TSHR-L677\ FLYAIFTK	437	>TSHR-L677\ FVYAIFTK	218	219
>TSHR-L677\ FLYAIFTKAF	45	>TSHR-L677\ FVYAIFTKAF	45	0
>TSHR-L677\ FLYAIFTK	12	>TSHR-L677\ FVYAIFTK	4	8
>TSHR-L677\ FLYAIFTKAFC	238	>TSHR-L677\ FVYAIFTKAFC	32	206
>TSHR-L677\ FLYAIFTKA	207	>TSHR-L677\ FVYAIFTKA	9	198
>TSHR-L677\ FLYAIFTKA	388	>TSHR-L677\ FVYAIFTKA	68	320
>TSHR-L677\ FLYAIFTKAF	38	>TSHR-L677\ FVYAIFTKAF	60	22
>TSHR-L677\ FLYAIFTKAF	13	>TSHR-L677\ FVYAIFTKAF	46	33
>TSHR-L677\ FLYAIFTKAF	3	>TSHR-L677\ FVYAIFTKAF	8	5

>TSHR-L677\ FLYAIFTKAF	318	>TSHR-L677\ FVYAIFTKAF	45	273
>TSHR-L677\ FLYAIFTKA	90	>TSHR-L677\ FVYAIFTKA	22	68
>TSHR-L677\ FLYAIFTKAF	349	>TSHR-L677\ FVYAIFTKAF	117	232
>TSHR-L677\ FLYAIFTKAF	824	>TSHR-L677\ FVYAIFTKAF	367	457
>TSHR-L677\ YPLNSCANPF	6	>TSHR-L677\ YPLNSCANPF	12	6
>TSHR-L677\ YPLNSCANPF	1699	>TSHR-L677\ YPLNSCANPF	327	1372
>TSHR-L677\ YPLNSCANPF	4748	>TSHR-L677\ YPLNSCANPF	258	4490
>TSHR-L677\ YPLNSCANPF	164	>TSHR-L677\ YPLNSCANPF	23	141
>TSHR-L677\ YPLNSCANPF	174	>TSHR-L677\ YPLNSCANPF	921	747
>TSHR-L677\ YPLNSCANPF	159	>TSHR-L677\ YPLNSCANPF	1214	1055
>TSHR-L677\ YPLNSCANPF	207	>TSHR-L677\ YPLNSCANPF	4381	4174
>TSHR-L677\ YPLNSCANPF	1019	>TSHR-L677\ YPLNSCANPF	255	764
>TSHR-L677\ YPLNSCANPF	6956	>TSHR-L677\ YPLNSCANPF	106	6850
>TSHR-L677\ PFLYAIFTK	185	>TSHR-L677\ PFVYAIFTK	188	3
>TSHR-L677\ PFLYAIFTKAF	92	>TSHR-L677\ PFVYAIFTKAF	92	0
>TSHR-L677\ PFLYAIFTKAF	69	>TSHR-L677\ PFVYAIFTKAF	241	172
>TSHR-L677\ NPFLYAIFTK	175	>TSHR-L677\ NPFVYAIFTK	134	41
>TSHR-L677\ NPFLYAIF	367	>TSHR-L677\ NPFVYAIF	170	197
>TSHR-L677\ NPFLYAIF	247	>TSHR-L677\ NPFVYAIF	346	99
>TSHR-L677\ NPFLYAIF	25	>TSHR-L677\ NPFVYAIF	29	4
>TSHR-L677\ NPFLYAIF	292	>TSHR-L677\ NPFVYAIF	238	54
>TSHR-L677\ NPFLYAIFTKA	33	>TSHR-L677\ NPFVYAIFTK/	39	6
>TSHR-L677\ NPFLYAIF	125	>TSHR-L677\ NPFVYAIF	70	55
>TSHR-L677\ NPFLYAIF	66	>TSHR-L677\ NPFVYAIF	34	32
>TSHR-L677\ ANPFLYAIF	218	>TSHR-L677\ ANPFVYAIF	857	639
>TSHR-L677\ ANPFLYAIF	121	>TSHR-L677\ ANPFVYAIF	120	1
>TSHR-L677\ CANPFLYAI	313	>TSHR-L677\ CANPFVYAI	389	76
>TSHR-L677\ CANPFLYAI	279	>TSHR-L677\ CANPFVYAI	1067	788
>TSHR-L677\ CANPFLYA	437	>TSHR-L677\ CANPFVYA	87	350
>TSHR-L677\ CANPFLYAI	48	>TSHR-L677\ CANPFVYAI	30	18
>TSHR-L677\ CANPFLYAIF	87	>TSHR-L677\ CANPFVYAIF	61	26
>TSHR-L677\ CANPFLYAIF	161	>TSHR-L677\ CANPFVYAIF	190	29
>TSHR-L677\ CANPFLYAI	570	>TSHR-L677\ CANPFVYAI	278	292
>TSHR-L677\ CANPFLYAI	923	>TSHR-L677\ CANPFVYAI	277	646
>TSHR-L677\ CANPFLYAIF	36	>TSHR-L677\ CANPFVYAIF	23	13
>TSHR-L677\ CANPFLYAIF	494	>TSHR-L677\ CANPFVYAIF	487	7
>TSHR-L677\ CANPFLYAI	18	>TSHR-L677\ CANPFVYAI	24	6
>TSHR-L677\ SCANPFLYAI	312	>TSHR-L677\ SCANPFVYAI	1080	768
>TSHR-L677\ SCANPFLY	28	>TSHR-L677\ SCANPFVY	305	277
>TSHR-L677\ SCANPFLY	323	>TSHR-L677\ SCANPFVY	313	10
>TSHR-L677\ SCANPFLYAI	427	>TSHR-L677\ SCANPFVYAI	193	234
>TSHR-L677\ SCANPFLYA	694	>TSHR-L677\ SCANPFVYA	81	613
>TSHR-L677\ SCANPFLYAI	389	>TSHR-L677\ SCANPFVYAI	423	34

>TSHR-L677\SCANPFLY	20	>TSHR-L677\SCANPFVY	246	226
>TSHR-L677\SCANPFLYAIF	218	>TSHR-L677\SCANPFVYAI	179	39
>TSHR-L677\SCANPFLYAIF	35	>TSHR-L677\SCANPFVYAI	43	8
>TSHR-L677\SCANPFLY	344	>TSHR-L677\SCANPFVY	957	613
>TSHR-L677\NSCANPFLY	99	>TSHR-L677\NSCANPFVY	308	209
>TSHR-L677\NSCANPFLY	216	>TSHR-L677\NSCANPFVY	1378	1162
>TSHR-L677\NSCANPFLY	31	>TSHR-L677\NSCANPFVY	236	205
>TSHR-L677\NSCANPFLY	216	>TSHR-L677\NSCANPFVY	188	28
>TSHR-L677\NSCANPFLY	458	>TSHR-L677\NSCANPFVY	1434	976
>TSHR-L677\NSCANPFL	2292	>TSHR-L677\NSCANPFV	216	2076
>TSHR-L677\NSCANPFLYA	113	>TSHR-L677\NSCANPFVYA	75	38
>TSHR-L677\NSCANPFLYA	135	>TSHR-L677\NSCANPFVYA	131	4
>TSHR-L677\NSCANPFL	3968	>TSHR-L677\NSCANPFV	395	3573
>TSHR-L677\NSCANPFLY	43	>TSHR-L677\NSCANPFVY	399	356
>TSHR-L677\NSCANPFLY	106	>TSHR-L677\NSCANPFVY	71	35
>TSHR-L677\NSCANPFLY	1632	>TSHR-L677\NSCANPFVY	441	1191
>TSHR-L677\NSCANPFLY	132	>TSHR-L677\NSCANPFVY	338	206
>TSHR-L677\NSCANPFLYA	127	>TSHR-L677\NSCANPFVYA	143	16
>TSHR-L677\LNSCANPFL	369	>TSHR-L677\LNSCANPFV	1678	1309
>TSHR-L677\LNSCANPFLY	59	>TSHR-L677\LNSCANPFVY	93	34
>TSHR-L677\LNSCANPFLY	129	>TSHR-L677\LNSCANPFVY	409	280
>TSHR-L677\LNSCANPFLY	1926	>TSHR-L677\LNSCANPFVY	384	1542
>TSHR-L677\LNSCANPFLY	160	>TSHR-L677\LNSCANPFVY	246	86
>TSHR-L677\PLNSCANPFL	310	>TSHR-L677\PLNSCANPFV	316	6
>TSHR-L677\PLNSCANPFL	704	>TSHR-L677\PLNSCANPFV	41	663
>TSHR-L677\PLNSCANPFL	1691	>TSHR-L677\PLNSCANPFV	252	1439
>TSHR-L677\PLNSCANPFL	249	>TSHR-L677\PLNSCANPFV	22	227
>TSHR-L677\PLNSCANPFL	87	>TSHR-L677\PLNSCANPFV	9	78
>TSHR-L677\PLNSCANPFL	93	>TSHR-L677\PLNSCANPFV	14	79
>TSHR-L677\PLNSCANPFL	22	>TSHR-L677\PLNSCANPFV	85	63
>TSHR-L677\PLNSCANPFL	54	>TSHR-L677\PLNSCANPFV	53	1
>TSHR-L677\PLNSCANPFL	135	>TSHR-L677\PLNSCANPFV	786	651
>TSHR-L677\PLNSCANPFL	71	>TSHR-L677\PLNSCANPFV	124	53
>TSHR-L6F-wLLQLVLLL	90	>TSHR-L6F-rFLQLVLLL	22	68
>TSHR-L6F-wLLQLVLLLDL	471	>TSHR-L6F-rFLQLVLLLDL	90	381
>TSHR-L6F-wLLQLVLLL	149	>TSHR-L6F-rFLQLVLLL	12	137
>TSHR-L6F-wLLQLVLLLDL	122	>TSHR-L6F-rFLQLVLLLDL	39	83
>TSHR-L6F-wLLQLVLLLDLP	2866	>TSHR-L6F-rFLQLVLLLDLP	273	2593
>TSHR-L6F-wLLQLVLLL	294	>TSHR-L6F-rFLQLVLLL	35	259
>TSHR-L6F-wLLQLVLLLDL	261	>TSHR-L6F-rFLQLVLLLDL	84	177
>TSHR-L6F-wLLQLVLLL	1420	>TSHR-L6F-rFLQLVLLL	208	1212
>TSHR-L6F-wLLQLVLLLDL	558	>TSHR-L6F-rFLQLVLLLDL	164	394
>TSHR-L6F-wLLQLVLLL	44	>TSHR-L6F-rFLQLVLLL	7	37

>TSHR-L6F-w LLQLVLLLDL	342	>TSHR-L6F-r FLQLVLLLDL	39	303
>TSHR-L6F-w LLQLVLLL	97	>TSHR-L6F-r FLQLVLLL	14	83
>TSHR-L6F-w LLQLVLLLDL	209	>TSHR-L6F-r FLQLVLLLDL	25	184
>TSHR-L6F-w LLQLVLLL	163	>TSHR-L6F-r FLQLVLLL	21	142
>TSHR-L6F-w LLQLVLLLDL	452	>TSHR-L6F-r FLQLVLLLDL	44	408
>TSHR-L6F-w LLQLVLLL	367	>TSHR-L6F-r FLQLVLLL	43	324
>TSHR-L6F-w LLQLVLLLDL	1528	>TSHR-L6F-r FLQLVLLLDL	235	1293
>TSHR-L6F-w LLQLVLLL	7	>TSHR-L6F-r FLQLVLLL	3	4
>TSHR-L6F-w LLQLVLLLDL	15	>TSHR-L6F-r FLQLVLLLDL	5	10
>TSHR-L6F-w LLQLVLLLDL	273	>TSHR-L6F-r FLQLVLLLDL	206	67
>TSHR-L6F-w DLLQLVLL	134	>TSHR-L6F-r DFLQLVLL	18480	18346
>TSHR-L6F-w DLLQLVLLL	109	>TSHR-L6F-r DFLQLVLLL	17246	17137
>TSHR-L6F-w DLLQLVLL	91	>TSHR-L6F-r DFLQLVLL	14290	14199
>TSHR-L6F-w DLLQLVLLL	70	>TSHR-L6F-r DFLQLVLLL	14048	13978
>TSHR-L6F-w DLLQLVLLLDI	164	>TSHR-L6F-r DFLQLVLLLDI	15875	15711
>TSHR-L6F-w DLLQLVLL	181	>TSHR-L6F-r DFLQLVLL	16632	16451
>TSHR-L6F-w DLLQLVLLL	250	>TSHR-L6F-r DFLQLVLLL	15766	15516
>TSHR-L6F-w DLLQLVLL	73	>TSHR-L6F-r DFLQLVLL	20459	20386
>TSHR-L6F-w DLLQLVLLL	120	>TSHR-L6F-r DFLQLVLLL	21629	21509
>TSHR-L6F-w DLLQLVLLLDI	275	>TSHR-L6F-r DFLQLVLLLDI	24713	24438
>TSHR-L6F-w DLLQLVLLL	2815	>TSHR-L6F-r DFLQLVLLL	444	2371
>TSHR-L6F-w DLLQLVLLLDI	2411	>TSHR-L6F-r DFLQLVLLLDI	384	2027
>TSHR-L6F-w ADLLQLVL	218	>TSHR-L6F-r ADFLQLVL	57	161
>TSHR-L6F-w ADLLQLVLL	665	>TSHR-L6F-r ADFLQLVLL	161	504
>TSHR-L6F-w ADLLQLVL	180	>TSHR-L6F-r ADFLQLVL	368	188
>TSHR-L6F-w ADLLQLVLL	42	>TSHR-L6F-r ADFLQLVLL	24	18
>TSHR-L6F-w ADLLQLVLL	2693	>TSHR-L6F-r ADFLQLVLL	455	2238
>TSHR-L6F-w ADLLQLVL	105	>TSHR-L6F-r ADFLQLVL	187	82
>TSHR-L6F-w ADLLQLVLL	76	>TSHR-L6F-r ADFLQLVLL	131	55
>TSHR-L6F-w ADLLQLVLLL	69	>TSHR-L6F-r ADFLQLVLLL	113	44
>TSHR-L6F-w RPADLLQL	27	>TSHR-L6F-r RPADFLQL	25	2
>TSHR-L6F-w RPADLLQLV	152	>TSHR-L6F-r RPADFLQLV	141	11
>TSHR-L6F-w RPADLLQLVL	39	>TSHR-L6F-r RPADFLQLVL	46	7
>TSHR-L6F-w RPADLLQLVL	51	>TSHR-L6F-r RPADFLQLVL	45	6
>TSHR-L6F-w RPADLLQLVL	217	>TSHR-L6F-r RPADFLQLVL	232	15
>TSHR-L6F-w RPADLLQLVL	240	>TSHR-L6F-r RPADFLQLVL	206	34
>TSHR-L6F-w RPADLLQL	493	>TSHR-L6F-r RPADFLQL	347	146
>TSHR-L6F-w RPADLLQL	442	>TSHR-L6F-r RPADFLQL	625	183
>TSHR-L6F-w MRPADLLQL\	243	>TSHR-L6F-r MRPADFLQL\	185	58
>TSHR-L6F-w MRPADLLQL	659	>TSHR-L6F-r MRPADFLQL	439	220
>TSHR-L6F-w MRPADLLQL\	324	>TSHR-L6F-r MRPADFLQL\	249	75
>TSHR-L6F-w MRPADLLQL	166	>TSHR-L6F-r MRPADFLQL	50	116
>TSHR-L6F-w MRPADLLQL\	317	>TSHR-L6F-r MRPADFLQL\	322	5

>TSHR-L6F-w MRPADLLQL	85	>TSHR-L6F-r MRPADFLQL	45	40
>TSHR-M453 MCNLAFA DF	353	>TSHR-M453 TCNLAFA DF	2486	2133
>TSHR-M453 MCNLAFA DF	227	>TSHR-M453 TCNLAFA DF C	2527	2300
>TSHR-M453 LMCNLAFA	91	>TSHR-M453 LTCNLAFA	5647	5556
>TSHR-M453 LMCNLAFA	40	>TSHR-M453 LTCNLAFA	1035	995
>TSHR-M453 LMCNLAFA	27	>TSHR-M453 LTCNLAFA	1273	1246
>TSHR-M453 LMCNLAFA	79	>TSHR-M453 LTCNLAFA	289	210
>TSHR-M453 LMCNLAFA	11	>TSHR-M453 LTCNLAFA	1483	1472
>TSHR-M453 LMCNLAFA DI	55	>TSHR-M453 LTCNLAFA DF	3604	3549
>TSHR-M453 LMCNLAFA	171	>TSHR-M453 LTCNLAFA	13359	13188
>TSHR-M453 LMCNLAFA	102	>TSHR-M453 LTCNLAFA	10567	10465
>TSHR-M453 LMCNLAFA	334	>TSHR-M453 LTCNLAFA	14491	14157
>TSHR-M453 LMCNLAFA	12	>TSHR-M453 LTCNLAFA	9553	9541
>TSHR-M453 LMCNLAFA DI	436	>TSHR-M453 LTCNLAFA DF	23567	23131
>TSHR-M453 LMCNLAFA DI	319	>TSHR-M453 LTCNLAFA DF	689	370
>TSHR-M453 LMCNLAFA DI	670	>TSHR-M453 LTCNLAFA DF	472	198
>TSHR-M453 LMCNLAFA DI	42	>TSHR-M453 LTCNLAFA DF	170	128
>TSHR-M453 LMCNLAFA DI	23	>TSHR-M453 LTCNLAFA DF	365	342
>TSHR-M453 LMCNLAFA DI	1036	>TSHR-M453 LTCNLAFA DF	12	1024
>TSHR-M453 LMCNLAFA DI	11083	>TSHR-M453 LTCNLAFA DF	383	10700
>TSHR-M453 LMCNLAFA DI	2222	>TSHR-M453 LTCNLAFA DF	43	2179
>TSHR-M453 HYKLNVP RFL	240	>TSHR-M453 HYKLNVP RFL	3791	3551
>TSHR-M453 HYKLNVP RFL	23	>TSHR-M453 HYKLNVP RFL	179	156
>TSHR-M453 FLMCNLAFA	101	>TSHR-M453 FLTCNLAFA	966	865
>TSHR-M453 FLMCNLA F	71	>TSHR-M453 FLTCNLA F	1793	1722
>TSHR-M453 FLMCNLAFA	7	>TSHR-M453 FLTCNLAFA	20	13
>TSHR-M453 FLMCNLAFA I	359	>TSHR-M453 FLTCNLAFA D	5749	5390
>TSHR-M453 FLMCNLAFA I	234	>TSHR-M453 FLTCNLAFA D	3874	3640
>TSHR-M453 FLMCNLA F	23	>TSHR-M453 FLTCNLA F	151	128
>TSHR-M453 FLMCNLAFA	2	>TSHR-M453 FLTCNLAFA	4	2
>TSHR-M453 FLMCNLAFA I	34	>TSHR-M453 FLTCNLAFA D	236	202
>TSHR-M453 FLMCNLA F	59	>TSHR-M453 FLTCNLA F	703	644
>TSHR-M453 FLMCNLAFA	2	>TSHR-M453 FLTCNLAFA	3	1
>TSHR-M453 FLMCNLAFA I	42	>TSHR-M453 FLTCNLAFA D	526	484
>TSHR-M453 FLMCNLA F	30	>TSHR-M453 FLTCNLA F	177	147
>TSHR-M453 FLMCNLAFA	5	>TSHR-M453 FLTCNLAFA	12	7
>TSHR-M453 FLMCNLAFA I	32	>TSHR-M453 FLTCNLAFA D	198	166
>TSHR-M453 FLMCNLA F	59	>TSHR-M453 FLTCNLA F	423	364
>TSHR-M453 FLMCNLAFA	2	>TSHR-M453 FLTCNLAFA	4	2
>TSHR-M453 FLMCNLAFA I	206	>TSHR-M453 FLTCNLAFA D	1415	1209
>TSHR-M453 FLMCNLAFA I	233	>TSHR-M453 FLTCNLAFA D	1387	1154
>TSHR-M453 FLMCNLA F	54	>TSHR-M453 FLTCNLA F	434	380
>TSHR-M453 FLMCNLAFA	2	>TSHR-M453 FLTCNLAFA	3	1

>TSHR-M453 FLMCNLAFAL	87	>TSHR-M453 FLTCNLAFAD	727	640
>TSHR-M453 FLMCNLAFAL	79	>TSHR-M453 FLTCNLAFAD	502	423
>TSHR-M453 FLMCNLAFAL	18	>TSHR-M453 FLTCNLAFAL	19	1
>TSHR-M453 FLMCNLAFAL	2	>TSHR-M453 FLTCNLAFAL	10	8
>TSHR-M453 FLMCNLAFAL	3	>TSHR-M453 FLTCNLAFAL	3	0
>TSHR-M453 FLMCNLAF	347	>TSHR-M453 FLTCNLAF	1418	1071
>TSHR-M453 FLMCNLAFAL	134	>TSHR-M453 FLTCNLAFAD	540	406
>TSHR-M453 FLMCNLAF	244	>TSHR-M453 FLTCNLAF	1455	1211
>TSHR-M453 FLMCNLAFAL	128	>TSHR-M453 FLTCNLAFAD	878	750
>TSHR-M453 FLMCNLAF	159	>TSHR-M453 FLTCNLAF	260	101
>TSHR-M453 FLMCNLAFAL	259	>TSHR-M453 FLTCNLAFAD	449	190
>TSHR-M453 FLMCNLAF	330	>TSHR-M453 FLTCNLAF	4148	3818
>TSHR-M453 FLMCNLAFAL	37	>TSHR-M453 FLTCNLAFAL	180	143
>TSHR-M453 FLMCNLAFAL	87	>TSHR-M453 FLTCNLAFAL	1305	1218
>TSHR-M453 FLMCNLAF	182	>TSHR-M453 FLTCNLAF	2772	2590
>TSHR-M453 FLMCNLAFAL	260	>TSHR-M453 FLTCNLAFAD	3138	2878
>TSHR-M453 FLMCNLAF	31	>TSHR-M453 FLTCNLAF	143	112
>TSHR-M453 FLMCNLAFAL	50	>TSHR-M453 FLTCNLAFAD	464	414
>TSHR-M453 FLMCNLAF	27	>TSHR-M453 FLTCNLAF	64	37
>TSHR-M453 FLMCNLAFAL	84	>TSHR-M453 FLTCNLAFAD	234	150
>TSHR-M453 FLMCNLAF	5	>TSHR-M453 FLTCNLAF	17	12
>TSHR-M453 FLMCNLAFAL	9	>TSHR-M453 FLTCNLAFAD	48	39
>TSHR-M453 FLMCNLAF	55	>TSHR-M453 FLTCNLAF	92	37
>TSHR-M453 FLMCNLAFAL	400	>TSHR-M453 FLTCNLAFAD	693	293
>TSHR-M453 FLMCNLAF	132	>TSHR-M453 FLTCNLAF	718	586
>TSHR-M453 RFLMCNLAF	31	>TSHR-M453 RFLTCNLAF	36	5
>TSHR-M453 RFLMCNLAF	254	>TSHR-M453 RFLTCNLAF	236	18
>TSHR-M453 RFLMCNLAF	11	>TSHR-M453 RFLTCNLAF	8	3
>TSHR-M453 RFLMCNLAF	453	>TSHR-M453 RFLTCNLAF	347	106
>TSHR-M453 RFLMCNLAL	492	>TSHR-M453 RFLTCNLAL	452	40
>TSHR-M453 RFLMCNLAF/	43	>TSHR-M453 RFLTCNLAFAL	45	2
>TSHR-M453 RFLMCNLAF	156	>TSHR-M453 RFLTCNLAF	165	9
>TSHR-M453 RFLMCNLAF	458	>TSHR-M453 RFLTCNLAF	1310	852
>TSHR-M453 RFLMCNLAF	46	>TSHR-M453 RFLTCNLAF	43	3
>TSHR-M453 RFLMCNLAF	493	>TSHR-M453 RFLTCNLAF	472	21
>TSHR-M453 RFLMCNLAL	217	>TSHR-M453 RFLTCNLAL	259	42
>TSHR-M453 RFLMCNLAF/	311	>TSHR-M453 RFLTCNLAFAL	301	10
>TSHR-M453 PRFLMCNLAF	83	>TSHR-M453 PRFLTCNLAF	36	47
>TSHR-M453 VPRFLMCNL	47	>TSHR-M453 VPRFLTCNL	30	17
>TSHR-M453 VPRFLMCNL/	17	>TSHR-M453 VPRFLTCNLAL	14	3
>TSHR-M453 VPRFLMCNL/	166	>TSHR-M453 VPRFLTCNLAL	122	44
>TSHR-M453 VPRFLMCNL/	46	>TSHR-M453 VPRFLTCNLAL	24	22
>TSHR-M453 VPRFLMCNL/	689	>TSHR-M453 VPRFLTCNLAL	452	237

>TSHR-M453 VPRFLMCNLA	498	>TSHR-M453 VPRFLTCNLA	628	130
>TSHR-M453 NVPRFLMCN	178	>TSHR-M453 NVPRFLTCNL	206	28
>TSHR-M453 NVPRFLMCN	90	>TSHR-M453 NVPRFLTCNL	156	66
>TSHR-M453 LNVPRFLMCN	322	>TSHR-M453 LNVPRFLTCN	401	79
>TSHR-M453 KLVNPRFLM	302	>TSHR-M453 KLVNPRFLT	449	147
>TSHR-M453 KLVNPRFLMC	540	>TSHR-M453 KLVNPRFLTC	233	307
>TSHR-M453 KLVNPRFLM	456	>TSHR-M453 KLVNPRFLT	1025	569
>TSHR-M453 YKLVNPRFLN	21	>TSHR-M453 YKLVNPRFLT	2418	2397
>TSHR-M453 YKLVNPRFLN	486	>TSHR-M453 YKLVNPRFLT	298	188
>TSHR-M453 YKLVNPRFLN	372	>TSHR-M453 YKLVNPRFLT	13363	12991
>TSHR-M463 MGMYLLLIAS	254	>TSHR-M463 VGMYLLLIAS	1938	1684
>TSHR-M463 MGMYLLLI	188	>TSHR-M463 VGMYLLLI	1317	1129
>TSHR-M463 MGMYLLLIAS	63	>TSHR-M463 VGMYLLLIAS	407	344
>TSHR-M463 MGMYLLLIAS	497	>TSHR-M463 VGMYLLLIAS	1223	726
>TSHR-M463 MGMYLLLI	277	>TSHR-M463 VGMYLLLI	1156	879
>TSHR-M463 MGMYLLLIAS	29	>TSHR-M463 VGMYLLLIAS	112	83
>TSHR-M463 MGMYLLLI	284	>TSHR-M463 VGMYLLLI	9774	9490
>TSHR-M463 MGMYLLLIAS	28	>TSHR-M463 VGMYLLLIAS	1250	1222
>TSHR-M463 MGMYLLLI	412	>TSHR-M463 VGMYLLLI	1340	928
>TSHR-M463 CMGMYLLLI	392	>TSHR-M463 CVGMYLLLI	845	453
>TSHR-M463 CMGMYLLL	178	>TSHR-M463 CVGMYLLL	3452	3274
>TSHR-M463 CMGMYLLLI	60	>TSHR-M463 CVGMYLLLI	1386	1326
>TSHR-M463 CMGMYLLLI	492	>TSHR-M463 CVGMYLLLIA	4024	3532
>TSHR-M463 CMGMYLLL	365	>TSHR-M463 CVGMYLLL	3128	2763
>TSHR-M463 CMGMYLLLI	482	>TSHR-M463 CVGMYLLLI	3328	2846
>TSHR-M463 CMGMYLLLI	354	>TSHR-M463 CVGMYLLLIA	2969	2615
>TSHR-M463 CMGMYLLLI	222	>TSHR-M463 CVGMYLLLI	1704	1482
>TSHR-M463 CMGMYLLLI	260	>TSHR-M463 CVGMYLLLIA	1775	1515
>TSHR-M463 CMGMYLLL	125	>TSHR-M463 CVGMYLLL	8859	8734
>TSHR-M463 CMGMYLLLI	49	>TSHR-M463 CVGMYLLLI	6539	6490
>TSHR-M463 CMGMYLLLI	360	>TSHR-M463 CVGMYLLLI	11602	11242
>TSHR-M463 CMGMYLLL	53	>TSHR-M463 CVGMYLLL	4975	4922
>TSHR-M463 CMGMYLLLI	202	>TSHR-M463 CVGMYLLLI	10103	9901
>TSHR-M463 CMGMYLLLI	426	>TSHR-M463 CVGMYLLLIA	1445	1019
>TSHR-M463 CMGMYLLLI	1314	>TSHR-M463 CVGMYLLLI	355	959
>TSHR-M463 MCNLAFADF	4318	>TSHR-M463 MCNLAFADF	112	4206
>TSHR-M463 MCNLAFADF	227	>TSHR-M463 MCNLAFADF	10698	10471
>TSHR-M463 FCMGMYLL	69	>TSHR-M463 FCVGMYYL	1297	1228
>TSHR-M463 FCMGMYLLL	141	>TSHR-M463 FCVGMYYLL	3381	3240
>TSHR-M463 FCMGMYLLLI	70	>TSHR-M463 FCVGMYYLLI	749	679
>TSHR-M463 FCMGMYLL	14	>TSHR-M463 FCVGMYYL	70	56
>TSHR-M463 FCMGMYLLL	48	>TSHR-M463 FCVGMYYLL	288	240
>TSHR-M463 FCMGMYLLLI	54	>TSHR-M463 FCVGMYYLLI	344	290



>TSHR-M463 FCMGMYLLLI	424	>TSHR-M463 FCVGMYYLLLI/	1733	1309
>TSHR-M463 FCMGMYLLLI	121	>TSHR-M463 FCVGMYYLLLI	663	542
>TSHR-M463 FCMGMYLLLI	71	>TSHR-M463 FCVGMYYLLLI	158	87
>TSHR-M463 FCMGMYLL	154	>TSHR-M463 FCVGMYYLL	428	274
>TSHR-M463 FCMGMYLL	279	>TSHR-M463 FCVGMYYLL	1282	1003
>TSHR-M463 FCMGMYLLL	390	>TSHR-M463 FCVGMYYLLL	1777	1387
>TSHR-M463 FCMGMYLLLI	190	>TSHR-M463 FCVGMYYLLLI/	211	21
>TSHR-M463 FCMGMYLLL	299	>TSHR-M463 FCVGMYYLLL	443	144
>TSHR-M463 DFCMGMYYLL	208	>TSHR-M463 DFCVGMYYLL	302	94
>TSHR-M463 DFCMGMYYLL	355	>TSHR-M463 DFCVGMYYLLI	1128	773
>TSHR-M463 DFCMGMYYLL	215	>TSHR-M463 DFCVGMYYLLI	248	33
>TSHR-M463 ADFCMGMY	428	>TSHR-M463 ADFCVGMY	924	496
>TSHR-M463 ADFCMGMYI	153	>TSHR-M463 ADFCVGMYL	731	578
>TSHR-M463 ADFCMGMYI	73	>TSHR-M463 ADFCVGMYL	224	151
>TSHR-M463 ADFCMGMYI	391	>TSHR-M463 ADFCVGMYL	859	468
>TSHR-M463 ADFCMGMYI	34	>TSHR-M463 ADFCVGMYL	49	15
>TSHR-M463 ADFCMGMYI	129	>TSHR-M463 ADFCVGMYL	214	85
>TSHR-M463 ADFCMGMYI	237	>TSHR-M463 ADFCVGMYL	305	68
>TSHR-M463 ADFCMGMYI	326	>TSHR-M463 ADFCVGMYL	463	137
>TSHR-M463 FADFCMGM\	13	>TSHR-M463 FADFCVGM Y	25	12
>TSHR-M463 FADFCMGM\	121	>TSHR-M463 FADFCVGM Y	101	20
>TSHR-M463 FADFCMGM\	124	>TSHR-M463 FADFCVGM Y	110	14
>TSHR-M463 FADFCMGM\	62	>TSHR-M463 FADFCVGM Y	63	1
>TSHR-M463 FADFCMGM\	41	>TSHR-M463 FADFCVGM Y	43	2
>TSHR-M463 FADFCMGM	417	>TSHR-M463 FADFCVGM	425	8
>TSHR-M463 FADFCMGM\	88	>TSHR-M463 FADFCVGM Y	91	3
>TSHR-M463 FADFCMGM\	64	>TSHR-M463 FADFCVGM Y	74	10
>TSHR-M463 FADFCMGM\	428	>TSHR-M463 FADFCVGM Y	116	312
>TSHR-M463 FADFCMGM\	159	>TSHR-M463 FADFCVGM Y	303	144
>TSHR-M463 FADFCMGM\	92	>TSHR-M463 FADFCVGM Y	197	105
>TSHR-M463 FADFCMGM\	499	>TSHR-M463 FADFCVGM Y	174	325
>TSHR-M463 FADFCMGM\	314	>TSHR-M463 FADFCVGM Y	383	69
>TSHR-M463 FADFCMGM\	330	>TSHR-M463 FADFCVGM Y	377	47
>TSHR-M463 FADFCMGM\	455	>TSHR-M463 FADFCVGM Y	621	166
>TSHR-M463 FADFCMGM\	197	>TSHR-M463 FADFCVGM Y	452	255
>TSHR-M463 FADFCMGM	159	>TSHR-M463 FADFCVGM	84	75
>TSHR-M463 FADFCMGM\	75	>TSHR-M463 FADFCVGM Y	47	28
>TSHR-M463 FADFCMGM\	507	>TSHR-M463 FADFCVGM Y	219	288
>TSHR-M463 FADFCMGM\	687	>TSHR-M463 FADFCVGM Y	426	261
>TSHR-M463 FADFCMGM\	402	>TSHR-M463 FADFCVGM Y	518	116
>TSHR-M463 FADFCMGM\	45	>TSHR-M463 FADFCVGM Y	106	61
>TSHR-M463 FADFCMGM\	393	>TSHR-M463 FADFCVGM Y	158	235
>TSHR-M463 AFADFCMGM	349	>TSHR-M463 AFADFCVGM	383	34

>TSHR-M463 AFADFCMGN	40	>TSHR-M463 AFADFCVGM	31	9
>TSHR-M463 AFADFCMGN	139	>TSHR-M463 AFADFCVGM	140	1
>TSHR-M463 AFADFCMGN	66	>TSHR-M463 AFADFCVGM	74	8
>TSHR-M463 AFADFCMGN	24	>TSHR-M463 AFADFCVGM	25	1
>TSHR-M463 AFADFCMGN	324	>TSHR-M463 AFADFCVGM	1481	1157
>TSHR-M463 AFADFCMGN	304	>TSHR-M463 AFADFCVGM	725	421
>TSHR-M463 AFADFCMGN	285	>TSHR-M463 AFADFCVGM	409	124
>TSHR-M463 AFADFCMGN	258	>TSHR-M463 AFADFCVGM	277	19
>TSHR-M463 LAFADFCM	4901	>TSHR-M463 LAFADFCV	142	4759
>TSHR-M463 LAFADFCM	2042	>TSHR-M463 LAFADFCV	132	1910
>TSHR-M463 LAFADFCMG	329	>TSHR-M463 LAFADFCVGM	945	616
>TSHR-M463 LAFADFCM	737	>TSHR-M463 LAFADFCV	23	714
>TSHR-M463 LAFADFCMG	185	>TSHR-M463 LAFADFCVGM	450	265
>TSHR-M463 LAFADFCM	7364	>TSHR-M463 LAFADFCV	114	7250
>TSHR-M463 LAFADFCM	9016	>TSHR-M463 LAFADFCV	103	8913
>TSHR-M463 LAFADFCM	15370	>TSHR-M463 LAFADFCV	47	15323
>TSHR-M463 LAFADFCMG	56	>TSHR-M463 LAFADFCVGM	106	50
>TSHR-M463 LAFADFCMG	49	>TSHR-M463 LAFADFCVGM	65	16
>TSHR-M463 LAFADFCMG	473	>TSHR-M463 LAFADFCVGM	468	5
>TSHR-M463 LAFADFCM	3557	>TSHR-M463 LAFADFCV	61	3496
>TSHR-M463 LAFADFCMG	468	>TSHR-M463 LAFADFCVGM	1178	710
>TSHR-M463 LAFADFCM	456	>TSHR-M463 LAFADFCV	5173	4717
>TSHR-M463 LAFADFCMG	1973	>TSHR-M463 LAFADFCVGM	474	1499
>TSHR-M463 LAFADFCMG	216	>TSHR-M463 LAFADFCVGM	180	36
>TSHR-M463 LAFADFCMG	90	>TSHR-M463 LAFADFCVGM	67	23
>TSHR-M463 LAFADFCM	231	>TSHR-M463 LAFADFCV	922	691
>TSHR-M463 LAFADFCMG	77	>TSHR-M463 LAFADFCVGM	69	8
>TSHR-M463 LAFADFCMG	143	>TSHR-M463 LAFADFCVGM	88	55
>TSHR-M463 LAFADFCM	474	>TSHR-M463 LAFADFCV	8002	7528
>TSHR-M463 LAFADFCMG	80	>TSHR-M463 LAFADFCVGM	80	0
>TSHR-M463 LAFADFCMG	28	>TSHR-M463 LAFADFCVGM	34	6
>TSHR-M463 LAFADFCM	33	>TSHR-M463 LAFADFCV	2523	2490
>TSHR-M463 LAFADFCMG	49	>TSHR-M463 LAFADFCVGM	36	13
>TSHR-M463 LAFADFCM	475	>TSHR-M463 LAFADFCV	2751	2276
>TSHR-M463 LAFADFCMG	352	>TSHR-M463 LAFADFCVGM	221	131
>TSHR-M463 LAFADFCM	384	>TSHR-M463 LAFADFCV	9660	9276
>TSHR-M463 LAFADFCMG	34	>TSHR-M463 LAFADFCVGM	54	20
>TSHR-M463 LAFADFCMG	73	>TSHR-M463 LAFADFCVGM	109	36
>TSHR-M463 NLAFAFCM	940	>TSHR-M463 NLAFAFCV	28	912
>TSHR-M463 NLAFAFCM	70	>TSHR-M463 NLAFAFCV	6	64
>TSHR-M463 NLAFAFCM	55	>TSHR-M463 NLAFAFCVC	40	15
>TSHR-M463 NLAFAFCM	5694	>TSHR-M463 NLAFAFCV	115	5579
>TSHR-M463 NLAFAFCM	365	>TSHR-M463 NLAFAFCVC	754	389

>TSHR-M463 NLAFAFCM	1763	>TSHR-M463 NLAFAFCV	43	1720
>TSHR-M463 NLAFAFCM	6284	>TSHR-M463 NLAFAFCV	92	6192
>TSHR-M463 NLAFAFCM	1097	>TSHR-M463 NLAFAFCV	11	1086
>TSHR-M463 NLAFAFCM	563	>TSHR-M463 NLAFAFCV	7	556
>TSHR-M463 NLAFAFCM	165	>TSHR-M463 NLAFAFCV	3	162
>TSHR-M463 NLAFAFCM	194	>TSHR-M463 NLAFAFCV	200	6
>TSHR-M463 NLAFAFCM	4917	>TSHR-M463 NLAFAFCV	19	4898
>TSHR-M463 NLAFAFCM	948	>TSHR-M463 NLAFAFCV	27	921
>TSHR-M463 NLAFAFCM	437	>TSHR-M463 NLAFAFCV	532	95
>TSHR-M463 NLAFAFCM	323	>TSHR-M463 NLAFAFCV	9157	8834
>TSHR-P639/ PISFYALSA	7879	>TSHR-P639/ AISFYALSA	431	7448
>TSHR-P639/ PISFYALSAI	3072	>TSHR-P639/ AISFYALSAI	145	2927
>TSHR-P639/ PISFYALSAIL	1226	>TSHR-P639/ AISFYALSAIL	31	1195
>TSHR-P639/ PISFYALSA	3618	>TSHR-P639/ AISFYALSA	103	3515
>TSHR-P639/ PISFYALSAI	1587	>TSHR-P639/ AISFYALSAI	85	1502
>TSHR-P639/ PISFYALSAIL	4604	>TSHR-P639/ AISFYALSAIL	122	4482
>TSHR-P639/ PISFYALSAI	10318	>TSHR-P639/ AISFYALSAI	462	9856
>TSHR-P639/ PISFYALSAIL	8139	>TSHR-P639/ AISFYALSAIL	453	7686
>TSHR-P639/ PISFYALSAI	4923	>TSHR-P639/ AISFYALSAI	285	4638
>TSHR-P639/ PISFYALSAI	4776	>TSHR-P639/ AISFYALSAI	381	4395
>TSHR-P639/ APISFYAL	17247	>TSHR-P639/ AAISFYAL	239	17008
>TSHR-P639/ APISFYALSAI	19240	>TSHR-P639/ AAISFYALSAI	411	18829
>TSHR-P639/ APISFYAL	173	>TSHR-P639/ AAISFYAL	14	159
>TSHR-P639/ APISFYALS	4651	>TSHR-P639/ AAISFYALS	145	4506
>TSHR-P639/ APISFYALSAI	1711	>TSHR-P639/ AAISFYALSAI	104	1607
>TSHR-P639/ APISFYAL	19	>TSHR-P639/ AAISFYAL	14217	14198
>TSHR-P639/ APISFYALSAI	52	>TSHR-P639/ AAISFYALSAI	13838	13786
>TSHR-P639/ APISFYAL	8645	>TSHR-P639/ AAISFYAL	102	8543
>TSHR-P639/ APISFYALSA	6241	>TSHR-P639/ AAISFYALSA	238	6003
>TSHR-P639/ APISFYALSAI	14133	>TSHR-P639/ AAISFYALSAI	446	13687
>TSHR-P639/ APISFYALSA	6648	>TSHR-P639/ AAISFYALSA	203	6445
>TSHR-P639/ APISFYALSAI	9457	>TSHR-P639/ AAISFYALSAI	115	9342
>TSHR-P639/ APISFYAL	5273	>TSHR-P639/ AAISFYAL	53	5220
>TSHR-P639/ APISFYALSAI	6799	>TSHR-P639/ AAISFYALSAI	80	6719
>TSHR-P639/ APISFYAL	8416	>TSHR-P639/ AAISFYAL	358	8058
>TSHR-P639/ APISFYALSAI	8290	>TSHR-P639/ AAISFYALSAI	471	7819
>TSHR-P639/ APISFYAL	26	>TSHR-P639/ AAISFYAL	3281	3255
>TSHR-P639/ APISFYALSAI	54	>TSHR-P639/ AAISFYALSAI	7838	7784
>TSHR-P639/ APISFYAL	426	>TSHR-P639/ AAISFYAL	64	362
>TSHR-P639/ APISFYALSAI	681	>TSHR-P639/ AAISFYALSAI	106	575
>TSHR-P639/ APISFYAL	18924	>TSHR-P639/ AAISFYAL	262	18662
>TSHR-P639/ APISFYAL	90	>TSHR-P639/ AAISFYAL	840	750
>TSHR-P639/ APISFYAL	24	>TSHR-P639/ AAISFYAL	212	188

>TSHR-P639/APISFYAL	162	>TSHR-P639/AAISFYAL	3065	2903
>TSHR-P639/APISFYALSAI	259	>TSHR-P639/AAISFYALSAI	3980	3721
>TSHR-P639/APISFYALSA	37	>TSHR-P639/AAISFYALSA	14474	14437
>TSHR-P639/APISFYAL	27	>TSHR-P639/AAISFYAL	859	832
>TSHR-P639/APISFYALSAI	148	>TSHR-P639/AAISFYALSAI	5805	5657
>TSHR-P639/APISFYAL	54	>TSHR-P639/AAISFYAL	4357	4303
>TSHR-P639/APISFYALSAI	285	>TSHR-P639/AAISFYALSAI	7746	7461
>TSHR-P639/APISFYALSAI	783	>TSHR-P639/AAISFYALSAI	50	733
>TSHR-P639/LIFTDFICMAF	20124	>TSHR-P639/LIFTDFICMAF	284	19840
>TSHR-P639/LIFTDFICMAF	6168	>TSHR-P639/LIFTDFICMAF	263	5905
>TSHR-P639/LIFTDFICMAF	11516	>TSHR-P639/LIFTDFICMAF	106	11410
>TSHR-P639/LIFTDFICMAF	3530	>TSHR-P639/LIFTDFICMAF	66	3464
>TSHR-P639/LIFTDFICMAF	25792	>TSHR-P639/LIFTDFICMAF	360	25432
>TSHR-P639/LIFTDFICMAF	10921	>TSHR-P639/LIFTDFICMAF	303	10618
>TSHR-P639/MAPISFYAL	211	>TSHR-P639/MAAISFYAL	2314	2103
>TSHR-P639/MAPISFYAL	361	>TSHR-P639/MAAISFYAL	834	473
>TSHR-P639/MAPISFYA	704	>TSHR-P639/MAAISFYA	45	659
>TSHR-P639/MAPISFYAL	286	>TSHR-P639/MAAISFYAL	17	269
>TSHR-P639/MAPISFYALS,	4367	>TSHR-P639/MAAISFYALS,	445	3922
>TSHR-P639/MAPISFYA	70	>TSHR-P639/MAAISFYA	33	37
>TSHR-P639/MAPISFYAL	51	>TSHR-P639/MAAISFYAL	24	27
>TSHR-P639/MAPISFYALS,	277	>TSHR-P639/MAAISFYALS,	120	157
>TSHR-P639/MAPISFYA	16	>TSHR-P639/MAAISFYA	8	8
>TSHR-P639/MAPISFYAL	14	>TSHR-P639/MAAISFYAL	8	6
>TSHR-P639/MAPISFYALS,	196	>TSHR-P639/MAAISFYALS,	57	139
>TSHR-P639/MAPISFYA	2532	>TSHR-P639/MAAISFYA	162	2370
>TSHR-P639/MAPISFYAL	2244	>TSHR-P639/MAAISFYAL	144	2100
>TSHR-P639/MAPISFYAL	4086	>TSHR-P639/MAAISFYAL	98	3988
>TSHR-P639/MAPISFYAL	133	>TSHR-P639/MAAISFYAL	47	86
>TSHR-P639/MAPISFYAL	785	>TSHR-P639/MAAISFYAL	83	702
>TSHR-P639/MAPISFYAL	1476	>TSHR-P639/MAAISFYAL	45	1431
>TSHR-P639/MAPISFYAL	118	>TSHR-P639/MAAISFYAL	20	98
>TSHR-P639/MAPISFYALS,	3175	>TSHR-P639/MAAISFYALS,	341	2834
>TSHR-P639/MAPISFYAL	3279	>TSHR-P639/MAAISFYAL	109	3170
>TSHR-P639/MAPISFYAL	1013	>TSHR-P639/MAAISFYAL	184	829
>TSHR-P639/MAPISFYA	229	>TSHR-P639/MAAISFYA	58	171
>TSHR-P639/MAPISFYAL	1621	>TSHR-P639/MAAISFYAL	390	1231
>TSHR-P639/MAPISFYALS,	357	>TSHR-P639/MAAISFYALS,	110	247
>TSHR-P639/MAPISFYA	199	>TSHR-P639/MAAISFYA	9446	9247
>TSHR-P639/MAPISFYAL	2	>TSHR-P639/MAAISFYAL	30	28
>TSHR-P639/MAPISFYALS	8	>TSHR-P639/MAAISFYALS	802	794
>TSHR-P639/MAPISFYALS,	158	>TSHR-P639/MAAISFYALS,	7417	7259
>TSHR-P639/MAPISFYAL	18017	>TSHR-P639/MAAISFYAL	375	17642

>TSHR-P639/CMAPISFY	489	>TSHR-P639/CMAAISFY	249	240
>TSHR-P639/CMAPISFYA	12	>TSHR-P639/CMAAISFYA	10	2
>TSHR-P639/CMAPISFYAL	134	>TSHR-P639/CMAAISFYAL	149	15
>TSHR-P639/CMAPISFYA	3	>TSHR-P639/CMAAISFYA	3	0
>TSHR-P639/CMAPISFYAL	23	>TSHR-P639/CMAAISFYAL	15	8
>TSHR-P639/CMAPISFYAL	40	>TSHR-P639/CMAAISFYAL	36	4
>TSHR-P639/CMAPISFYA	9	>TSHR-P639/CMAAISFYA	10	1
>TSHR-P639/CMAPISFYAL	176	>TSHR-P639/CMAAISFYAL	113	63
>TSHR-P639/CMAPISFYAL	374	>TSHR-P639/CMAAISFYAL	357	17
>TSHR-P639/CMAPISFYA	12	>TSHR-P639/CMAAISFYA	21	9
>TSHR-P639/CMAPISFYAL	106	>TSHR-P639/CMAAISFYAL	140	34
>TSHR-P639/CMAPISFYA	9	>TSHR-P639/CMAAISFYA	9	0
>TSHR-P639/CMAPISFYAL	15	>TSHR-P639/CMAAISFYAL	15	0
>TSHR-P639/CMAPISFYA	14	>TSHR-P639/CMAAISFYA	22	8
>TSHR-P639/CMAPISFYAL	8	>TSHR-P639/CMAAISFYAL	10	2
>TSHR-P639/CMAPISFYA	17	>TSHR-P639/CMAAISFYA	27	10
>TSHR-P639/CMAPISFYAL	80	>TSHR-P639/CMAAISFYAL	98	18
>TSHR-P639/CMAPISFYA	4	>TSHR-P639/CMAAISFYA	4	0
>TSHR-P639/CMAPISFYAL	8	>TSHR-P639/CMAAISFYAL	9	1
>TSHR-P639/CMAPISFYA	8	>TSHR-P639/CMAAISFYA	17	9
>TSHR-P639/CMAPISFYAL	10	>TSHR-P639/CMAAISFYAL	17	7
>TSHR-P639/CMAPISFY	127	>TSHR-P639/CMAAISFY	109	18
>TSHR-P639/CMAPISFY	373	>TSHR-P639/CMAAISFY	404	31
>TSHR-P639/CMAPISFYAL	279	>TSHR-P639/CMAAISFYAL	763	484
>TSHR-P639/CMAPISFY	9	>TSHR-P639/CMAAISFY	10	1
>TSHR-P639/CMAPISFY	8	>TSHR-P639/CMAAISFY	8	0
>TSHR-P639/CMAPISFY	227	>TSHR-P639/CMAAISFY	193	34
>TSHR-P639/CMAPISFYA	24	>TSHR-P639/CMAAISFYA	21	3
>TSHR-P639/CMAPISFYAL	272	>TSHR-P639/CMAAISFYAL	53	219
>TSHR-P639/CMAPISFY	23	>TSHR-P639/CMAAISFY	15	8
>TSHR-P639/CMAPISFY	89	>TSHR-P639/CMAAISFY	81	8
>TSHR-P639/CMAPISFYAL	561	>TSHR-P639/CMAAISFYAL	423	138
>TSHR-P639/CMAPISFY	381	>TSHR-P639/CMAAISFY	240	141
>TSHR-P639/CMAPISFY	53	>TSHR-P639/CMAAISFY	79	26
>TSHR-P639/CMAPISFYAL	122	>TSHR-P639/CMAAISFYAL	127	5
>TSHR-P639/CMAPISFYAL	146	>TSHR-P639/CMAAISFYAL	61	85
>TSHR-P639/CMAPISFY	75	>TSHR-P639/CMAAISFY	68	7
>TSHR-P639/ICMAPISFYA	501	>TSHR-P639/ICMAAISFYA	210	291
>TSHR-P639/ICMAPISFYA	227	>TSHR-P639/ICMAAISFYA	128	99
>TSHR-P639/ICMAPISFYAL	145	>TSHR-P639/ICMAAISFYAL	55	90
>TSHR-P639/ICMAPISFY	50	>TSHR-P639/ICMAAISFY	84	34
>TSHR-P639/ICMAPISFY	183	>TSHR-P639/ICMAAISFY	85	98
>TSHR-P639/ICMAPISFYAL	375	>TSHR-P639/ICMAAISFYAL	541	166

>TSHR-P639/ICMAPISFY	117	>TSHR-P639/ICMAAISFY	104	13
>TSHR-P639/ICMAPISF	27	>TSHR-P639/ICMAAISF	35	8
>TSHR-P639/ICMAPISFY	163	>TSHR-P639/ICMAAISFY	239	76
>TSHR-P639/ICMAPISFYAI	275	>TSHR-P639/ICMAAISFYAI	332	57
>TSHR-P639/ICMAPISF	735	>TSHR-P639/ICMAAISF	458	277
>TSHR-P639/ICMAPISFY	9	>TSHR-P639/ICMAAISFY	19	10
>TSHR-P639/FICMAPISFY	894	>TSHR-P639/FICMAAISFY	449	445
>TSHR-P639/FICMAPISFYA	53	>TSHR-P639/FICMAAISFYA	69	16
>TSHR-P639/FICMAPISFYA	40	>TSHR-P639/FICMAAISFYA	34	6
>TSHR-P639/FICMAPISFYA	55	>TSHR-P639/FICMAAISFYA	73	18
>TSHR-P639/FICMAPISFYA	50	>TSHR-P639/FICMAAISFYA	24	26
>TSHR-P639/FICMAPISFYA	20	>TSHR-P639/FICMAAISFYA	33	13
>TSHR-P639/FICMAPISFYA	193	>TSHR-P639/FICMAAISFYA	237	44
>TSHR-P639/FICMAPISFYA	42	>TSHR-P639/FICMAAISFYA	37	5
>TSHR-P639/FICMAPISFY	98	>TSHR-P639/FICMAAISFY	118	20
>TSHR-P639/FICMAPISFY	196	>TSHR-P639/FICMAAISFY	213	17
>TSHR-P639/FICMAPISFY	517	>TSHR-P639/FICMAAISFY	351	166
>TSHR-P639/FICMAPISFY	44	>TSHR-P639/FICMAAISFY	41	3
>TSHR-P639/FICMAPISFY	191	>TSHR-P639/FICMAAISFY	252	61
>TSHR-P639/FICMAPISFY	668	>TSHR-P639/FICMAAISFY	226	442
>TSHR-P639/FICMAPISFY	223	>TSHR-P639/FICMAAISFY	208	15
>TSHR-P639/FICMAPISFYA	238	>TSHR-P639/FICMAAISFYA	219	19
>TSHR-P639/FICMAPISFY	173	>TSHR-P639/FICMAAISFY	178	5
>TSHR-P639/FICMAPISF	128	>TSHR-P639/FICMAAISF	76	52
>TSHR-P639/FICMAPISFY	166	>TSHR-P639/FICMAAISFY	110	56
>TSHR-P639/FICMAPISFY	406	>TSHR-P639/FICMAAISFY	463	57
>TSHR-P639/FICMAPISF	50	>TSHR-P639/FICMAAISF	60	10
>TSHR-P639/FICMAPISF	464	>TSHR-P639/FICMAAISF	151	313
>TSHR-P639/FICMAPISFY	668	>TSHR-P639/FICMAAISFY	397	271
>TSHR-P639/FICMAPISF	191	>TSHR-P639/FICMAAISF	129	62
>TSHR-P639/FICMAPISFY	476	>TSHR-P639/FICMAAISFY	430	46
>TSHR-P639/DFICMAPISF	269	>TSHR-P639/DFICMAAISF	356	87
>TSHR-P639/DFICMAPISF\	19	>TSHR-P639/DFICMAAISF\	20	1
>TSHR-P639/DFICMAPISF\	149	>TSHR-P639/DFICMAAISF\	156	7
>TSHR-P639/DFICMAPISF	487	>TSHR-P639/DFICMAAISF	508	21
>TSHR-P639/DFICMAPISF\	18	>TSHR-P639/DFICMAAISF\	20	2
>TSHR-P639/DFICMAPISF\	430	>TSHR-P639/DFICMAAISF\	247	183
>TSHR-P639/TDFICMAPI	103	>TSHR-P639/TDFICMAAI	188	85
>TSHR-P639/TDFICMAPI	127	>TSHR-P639/TDFICMAAI	622	495
>TSHR-P639/TDFICMAPISF	391	>TSHR-P639/TDFICMAAISI	435	44
>TSHR-P639/TDFICMAPISF	627	>TSHR-P639/TDFICMAAISI	308	319
>TSHR-P639/TDFICMAP	3339	>TSHR-P639/TDFICMAA	164	3175
>TSHR-P639/TDFICMAPI	65	>TSHR-P639/TDFICMAAI	109	44

>TSHR-P639/TDFICMAPISF	138	>TSHR-P639/TDFICMAAISI	134	4
>TSHR-P639/TDFICMAPI	76	>TSHR-P639/TDFICMAAI	112	36
>TSHR-P639/TDFICMAPI	425	>TSHR-P639/TDFICMAAI	549	124
>TSHR-P639/TDFICMAPI	101	>TSHR-P639/TDFICMAAI	91	10
>TSHR-P639/FTDFICMAP	4578	>TSHR-P639/FTDFICMAA	327	4251
>TSHR-P639/FTDFICMAP	19834	>TSHR-P639/FTDFICMAA	345	19489
>TSHR-P639/FTDFICMAPI	378	>TSHR-P639/FTDFICMAAI	678	300
>TSHR-P639/FTDFICMAP	6313	>TSHR-P639/FTDFICMAA	155	6158
>TSHR-P639/FTDFICMAPI	333	>TSHR-P639/FTDFICMAAI	508	175
>TSHR-P639/FTDFICMAPI	400	>TSHR-P639/FTDFICMAAI	426	26
>TSHR-P639/FTDFICMAP	6659	>TSHR-P639/FTDFICMAA	79	6580
>TSHR-P639/FTDFICMAPI	83	>TSHR-P639/FTDFICMAAI	113	30
>TSHR-P639/FTDFICMAPI	256	>TSHR-P639/FTDFICMAAI	232	24
>TSHR-P639/FTDFICMAP	5932	>TSHR-P639/FTDFICMAA	34	5898
>TSHR-P639/FTDFICMAPI	29	>TSHR-P639/FTDFICMAAI	39	10
>TSHR-P639/FTDFICMAP	9375	>TSHR-P639/FTDFICMAA	173	9202
>TSHR-P639/FTDFICMAPI	16	>TSHR-P639/FTDFICMAAI	29	13
>TSHR-P639/FTDFICMAPI	185	>TSHR-P639/FTDFICMAAI	350	165
>TSHR-P639/FTDFICMAPI	412	>TSHR-P639/FTDFICMAAI	524	112
>TSHR-P639/FTDFICMAPI	94	>TSHR-P639/FTDFICMAAI	100	6
>TSHR-P639/IFTDFICMAPI	365	>TSHR-P639/IFTDFICMAAI	480	115
>TSHR-P639S PISFYALSA	7879	>TSHR-P639S SISFYALSA	450	7429
>TSHR-P639S PISFYALSAI	3072	>TSHR-P639S SISFYALSAI	103	2969
>TSHR-P639S PISFYALSAIL	1226	>TSHR-P639S SISFYALSAIL	30	1196
>TSHR-P639S PISFYALSA	3618	>TSHR-P639S SISFYALSA	107	3511
>TSHR-P639S PISFYALSAI	1587	>TSHR-P639S SISFYALSAI	59	1528
>TSHR-P639S PISFYALSAIL	4604	>TSHR-P639S SISFYALSAIL	134	4470
>TSHR-P639S PISFYALSAI	10318	>TSHR-P639S SISFYALSAI	183	10135
>TSHR-P639S PISFYALSAI	4923	>TSHR-P639S SISFYALSAI	424	4499
>TSHR-P639S PISFYALSAI	4776	>TSHR-P639S SISFYALSAI	96	4680
>TSHR-P639S APISFYAL	173	>TSHR-P639S ASISFYAL	4	169
>TSHR-P639S APISFYALS	4651	>TSHR-P639S ASISFYALS	118	4533
>TSHR-P639S APISFYALSAI	1711	>TSHR-P639S ASISFYALSAI	93	1618
>TSHR-P639S APISFYAL	19	>TSHR-P639S ASISFYAL	12155	12136
>TSHR-P639S APISFYALSAI	52	>TSHR-P639S ASISFYALSAI	13419	13367
>TSHR-P639S APISFYAL	8645	>TSHR-P639S ASISFYAL	158	8487
>TSHR-P639S APISFYAL	5273	>TSHR-P639S ASISFYAL	251	5022
>TSHR-P639S APISFYALSAI	6799	>TSHR-P639S ASISFYALSAI	360	6439
>TSHR-P639S APISFYAL	3340	>TSHR-P639S ASISFYAL	96	3244
>TSHR-P639S APISFYALSAI	3795	>TSHR-P639S ASISFYALSAI	141	3654
>TSHR-P639S APISFYALSA	16845	>TSHR-P639S ASISFYALSA	403	16442
>TSHR-P639S APISFYAL	10821	>TSHR-P639S ASISFYAL	244	10577
>TSHR-P639S APISFYALSAI	17748	>TSHR-P639S ASISFYALSAI	468	17280

>TSHR-P639ϵ APISFYAL	8416	>TSHR-P639ϵ ASISFYAL	431	7985
>TSHR-P639ϵ APISFYALSA	14737	>TSHR-P639ϵ ASISFYALSA	382	14355
>TSHR-P639ϵ APISFYAL	26	>TSHR-P639ϵ ASISFYAL	14176	14150
>TSHR-P639ϵ APISFYALSAI	54	>TSHR-P639ϵ ASISFYALSAI	18225	18171
>TSHR-P639ϵ APISFYAL	426	>TSHR-P639ϵ ASISFYAL	38	388
>TSHR-P639ϵ APISFYALSA	3065	>TSHR-P639ϵ ASISFYALSA	400	2665
>TSHR-P639ϵ APISFYALSAI	681	>TSHR-P639ϵ ASISFYALSAI	60	621
>TSHR-P639ϵ APISFYAL	18924	>TSHR-P639ϵ ASISFYAL	38	18886
>TSHR-P639ϵ APISFYALSAI	20446	>TSHR-P639ϵ ASISFYALSAI	65	20381
>TSHR-P639ϵ APISFYAL	90	>TSHR-P639ϵ ASISFYAL	5719	5629
>TSHR-P639ϵ APISFYAL	24	>TSHR-P639ϵ ASISFYAL	264	240
>TSHR-P639ϵ APISFYALSA	983	>TSHR-P639ϵ ASISFYALSA	371	612
>TSHR-P639ϵ APISFYAL	162	>TSHR-P639ϵ ASISFYAL	16758	16596
>TSHR-P639ϵ APISFYALSAI	259	>TSHR-P639ϵ ASISFYALSAI	17610	17351
>TSHR-P639ϵ APISFYALSA	37	>TSHR-P639ϵ ASISFYALSA	12352	12315
>TSHR-P639ϵ APISFYAL	3018	>TSHR-P639ϵ ASISFYAL	115	2903
>TSHR-P639ϵ APISFYALSAI	3283	>TSHR-P639ϵ ASISFYALSAI	127	3156
>TSHR-P639ϵ APISFYAL	27	>TSHR-P639ϵ ASISFYAL	3360	3333
>TSHR-P639ϵ APISFYALSAI	148	>TSHR-P639ϵ ASISFYALSAI	14975	14827
>TSHR-P639ϵ APISFYAL	54	>TSHR-P639ϵ ASISFYAL	11298	11244
>TSHR-P639ϵ APISFYALSAI	285	>TSHR-P639ϵ ASISFYALSAI	16236	15951
>TSHR-P639ϵ APISFYAL	6490	>TSHR-P639ϵ ASISFYAL	296	6194
>TSHR-P639ϵ APISFYALSAI	783	>TSHR-P639ϵ ASISFYALSAI	16	767
>TSHR-P639ϵ MAPISFYAL	211	>TSHR-P639ϵ MASISFYAL	5325	5114
>TSHR-P639ϵ MAPISFYAL	361	>TSHR-P639ϵ MASISFYAL	1507	1146
>TSHR-P639ϵ MAPISFYA	704	>TSHR-P639ϵ MASISFYA	89	615
>TSHR-P639ϵ MAPISFYAL	286	>TSHR-P639ϵ MASISFYAL	27	259
>TSHR-P639ϵ MAPISFYA	70	>TSHR-P639ϵ MASISFYA	74	4
>TSHR-P639ϵ MAPISFYAL	51	>TSHR-P639ϵ MASISFYAL	54	3
>TSHR-P639ϵ MAPISFYALS/	277	>TSHR-P639ϵ MASISFYALS/	299	22
>TSHR-P639ϵ MAPISFYA	16	>TSHR-P639ϵ MASISFYA	16	0
>TSHR-P639ϵ MAPISFYAL	14	>TSHR-P639ϵ MASISFYAL	16	2
>TSHR-P639ϵ MAPISFYALS/	196	>TSHR-P639ϵ MASISFYALS/	200	4
>TSHR-P639ϵ MAPISFYAL	133	>TSHR-P639ϵ MASISFYAL	51	82
>TSHR-P639ϵ MAPISFYAL	785	>TSHR-P639ϵ MASISFYAL	81	704
>TSHR-P639ϵ MAPISFYAL	1476	>TSHR-P639ϵ MASISFYAL	48	1428
>TSHR-P639ϵ MAPISFYAL	118	>TSHR-P639ϵ MASISFYAL	25	93
>TSHR-P639ϵ MAPISFYAL	3279	>TSHR-P639ϵ MASISFYAL	169	3110
>TSHR-P639ϵ MAPISFYAL	1013	>TSHR-P639ϵ MASISFYAL	144	869
>TSHR-P639ϵ MAPISFYA	229	>TSHR-P639ϵ MASISFYA	253	24
>TSHR-P639ϵ MAPISFYALS/	357	>TSHR-P639ϵ MASISFYALS/	359	2
>TSHR-P639ϵ MAPISFYA	199	>TSHR-P639ϵ MASISFYA	20406	20207
>TSHR-P639ϵ MAPISFYAL	2	>TSHR-P639ϵ MASISFYAL	80	78



>TSHR-P6399 MAPISFYALS	8	>TSHR-P6399 MASISFYALS	1668	1660
>TSHR-P6399 MAPISFYALS/	158	>TSHR-P6399 MASISFYALS/	9870	9712
>TSHR-P6399 CMAPISFY	489	>TSHR-P6399 CMASISFY	173	316
>TSHR-P6399 CMAPISFYA	12	>TSHR-P6399 CMASISFYA	10	2
>TSHR-P6399 CMAPISFYAL	134	>TSHR-P6399 CMASISFYAL	147	13
>TSHR-P6399 CMAPISFYA	3	>TSHR-P6399 CMASISFYA	3	0
>TSHR-P6399 CMAPISFYAL	23	>TSHR-P6399 CMASISFYAL	11	12
>TSHR-P6399 CMAPISFYAL:	40	>TSHR-P6399 CMASISFYAL:	41	1
>TSHR-P6399 CMAPISFYA	9	>TSHR-P6399 CMASISFYA	9	0
>TSHR-P6399 CMAPISFYAL	176	>TSHR-P6399 CMASISFYAL	102	74
>TSHR-P6399 CMAPISFYAL:	374	>TSHR-P6399 CMASISFYAL:	360	14
>TSHR-P6399 CMAPISFYA	12	>TSHR-P6399 CMASISFYA	28	16
>TSHR-P6399 CMAPISFYAL	106	>TSHR-P6399 CMASISFYAL	119	13
>TSHR-P6399 CMAPISFYA	9	>TSHR-P6399 CMASISFYA	9	0
>TSHR-P6399 CMAPISFYAL	15	>TSHR-P6399 CMASISFYAL	16	1
>TSHR-P6399 CMAPISFYA	14	>TSHR-P6399 CMASISFYA	22	8
>TSHR-P6399 CMAPISFYAL	8	>TSHR-P6399 CMASISFYAL	11	3
>TSHR-P6399 CMAPISFYA	17	>TSHR-P6399 CMASISFYA	25	8
>TSHR-P6399 CMAPISFYAL	80	>TSHR-P6399 CMASISFYAL	104	24
>TSHR-P6399 CMAPISFYA	4	>TSHR-P6399 CMASISFYA	3	1
>TSHR-P6399 CMAPISFYAL	8	>TSHR-P6399 CMASISFYAL	7	1
>TSHR-P6399 CMAPISFYA	8	>TSHR-P6399 CMASISFYA	19	11
>TSHR-P6399 CMAPISFYAL	10	>TSHR-P6399 CMASISFYAL	19	9
>TSHR-P6399 CMAPISFY	127	>TSHR-P6399 CMASISFY	112	15
>TSHR-P6399 CMAPISFY	373	>TSHR-P6399 CMASISFY	404	31
>TSHR-P6399 CMAPISFYAL	279	>TSHR-P6399 CMASISFYAL	559	280
>TSHR-P6399 CMAPISFY	767	>TSHR-P6399 CMASISFY	376	391
>TSHR-P6399 CMAPISFY	9	>TSHR-P6399 CMASISFY	10	1
>TSHR-P6399 CMAPISFY	8	>TSHR-P6399 CMASISFY	6	2
>TSHR-P6399 CMAPISFY	227	>TSHR-P6399 CMASISFY	120	107
>TSHR-P6399 CMAPISFYA	24	>TSHR-P6399 CMASISFYA	37	13
>TSHR-P6399 CMAPISFYAL	272	>TSHR-P6399 CMASISFYAL	91	181
>TSHR-P6399 CMAPISFY	23	>TSHR-P6399 CMASISFY	19	4
>TSHR-P6399 CMAPISFY	89	>TSHR-P6399 CMASISFY	91	2
>TSHR-P6399 CMAPISFY	381	>TSHR-P6399 CMASISFY	361	20
>TSHR-P6399 CMAPISFY	53	>TSHR-P6399 CMASISFY	32	21
>TSHR-P6399 CMAPISFYAL	122	>TSHR-P6399 CMASISFYAL	64	58
>TSHR-P6399 CMAPISFYAL	146	>TSHR-P6399 CMASISFYAL	88	58
>TSHR-P6399 CMAPISFY	75	>TSHR-P6399 CMASISFY	80	5
>TSHR-P6399 ICMAPISFYA	501	>TSHR-P6399 ICMASISFYA	232	269
>TSHR-P6399 ICMAPISFYA	227	>TSHR-P6399 ICMASISFYA	134	93
>TSHR-P6399 ICMAPISFYAL	145	>TSHR-P6399 ICMASISFYAL	68	77
>TSHR-P6399 ICMAPISFY	50	>TSHR-P6399 ICMASISFY	97	47

>TSHR-P639ϵICMAPISFY	183	>TSHR-P639ϵICMASISFY	95	88
>TSHR-P639ϵICMAPISFYAL	375	>TSHR-P639ϵICMASISFYAL	826	451
>TSHR-P639ϵICMAPISFY	117	>TSHR-P639ϵICMASISFY	94	23
>TSHR-P639ϵICMAPISF	27	>TSHR-P639ϵICMASISF	18	9
>TSHR-P639ϵICMAPISFY	163	>TSHR-P639ϵICMASISFY	66	97
>TSHR-P639ϵICMAPISFYAL	275	>TSHR-P639ϵICMASISFYAL	143	132
>TSHR-P639ϵICMAPISF	735	>TSHR-P639ϵICMASISF	249	486
>TSHR-P639ϵICMAPISFY	782	>TSHR-P639ϵICMASISFY	221	561
>TSHR-P639ϵICMAPISFY	9	>TSHR-P639ϵICMASISFY	13	4
>TSHR-P639ϵFICMAPISFY	894	>TSHR-P639ϵFICMASISFY	389	505
>TSHR-P639ϵFICMAPISFYA	53	>TSHR-P639ϵFICMASISFYA	50	3
>TSHR-P639ϵFICMAPISFYA	40	>TSHR-P639ϵFICMASISFYA	21	19
>TSHR-P639ϵFICMAPISFYA	55	>TSHR-P639ϵFICMASISFYA	56	1
>TSHR-P639ϵFICMAPISFYA	50	>TSHR-P639ϵFICMASISFYA	24	26
>TSHR-P639ϵFICMAPISFYA	20	>TSHR-P639ϵFICMASISFYA	29	9
>TSHR-P639ϵFICMAPISFYA	193	>TSHR-P639ϵFICMASISFYA	178	15
>TSHR-P639ϵFICMAPISFYA	42	>TSHR-P639ϵFICMASISFYA	35	7
>TSHR-P639ϵFICMAPISFY	98	>TSHR-P639ϵFICMASISFY	78	20
>TSHR-P639ϵFICMAPISFY	196	>TSHR-P639ϵFICMASISFY	145	51
>TSHR-P639ϵFICMAPISFY	517	>TSHR-P639ϵFICMASISFY	377	140
>TSHR-P639ϵFICMAPISFY	44	>TSHR-P639ϵFICMASISFY	54	10
>TSHR-P639ϵFICMAPISFY	191	>TSHR-P639ϵFICMASISFY	207	16
>TSHR-P639ϵFICMAPISFY	668	>TSHR-P639ϵFICMASISFY	294	374
>TSHR-P639ϵFICMAPISFY	223	>TSHR-P639ϵFICMASISFY	137	86
>TSHR-P639ϵFICMAPISFYA	238	>TSHR-P639ϵFICMASISFYA	188	50
>TSHR-P639ϵFICMAPISFY	173	>TSHR-P639ϵFICMASISFY	167	6
>TSHR-P639ϵFICMAPISF	128	>TSHR-P639ϵFICMASISF	38	90
>TSHR-P639ϵFICMAPISFY	166	>TSHR-P639ϵFICMASISFY	69	97
>TSHR-P639ϵFICMAPISFY	406	>TSHR-P639ϵFICMASISFY	259	147
>TSHR-P639ϵFICMAPISF	50	>TSHR-P639ϵFICMASISF	42	8
>TSHR-P639ϵFICMAPISFY	524	>TSHR-P639ϵFICMASISFY	342	182
>TSHR-P639ϵFICMAPISF	464	>TSHR-P639ϵFICMASISF	159	305
>TSHR-P639ϵFICMAPISFY	668	>TSHR-P639ϵFICMASISFY	256	412
>TSHR-P639ϵFICMAPISF	191	>TSHR-P639ϵFICMASISF	74	117
>TSHR-P639ϵFICMAPISFY	476	>TSHR-P639ϵFICMASISFY	415	61
>TSHR-P639ϵDFICMAPI	1873	>TSHR-P639ϵDFICMASI	492	1381
>TSHR-P639ϵDFICMAPISF	269	>TSHR-P639ϵDFICMASISF	467	198
>TSHR-P639ϵDFICMAPISF\	19	>TSHR-P639ϵDFICMASISFY	21	2
>TSHR-P639ϵDFICMAPISF\	149	>TSHR-P639ϵDFICMASISFY	117	32
>TSHR-P639ϵDFICMAPISF	487	>TSHR-P639ϵDFICMASISF	643	156
>TSHR-P639ϵDFICMAPISF\	18	>TSHR-P639ϵDFICMASISFY	22	4
>TSHR-P639ϵDFICMAPISF\	430	>TSHR-P639ϵDFICMASISFY	230	200
>TSHR-P639ϵTDFICMAPI	103	>TSHR-P639ϵTDFICMASI	88	15

>TSHR-P639ϵTDFICMAPI	127	>TSHR-P639ϵTDFICMASI	658	531
>TSHR-P639ϵTDFICMAPISF	391	>TSHR-P639ϵTDFICMASISF	343	48
>TSHR-P639ϵTDFICMAPISF	627	>TSHR-P639ϵTDFICMASISF	399	228
>TSHR-P639ϵTDFICMAPI	65	>TSHR-P639ϵTDFICMASI	95	30
>TSHR-P639ϵTDFICMAPISF	138	>TSHR-P639ϵTDFICMASISF	91	47
>TSHR-P639ϵTDFICMAPI	76	>TSHR-P639ϵTDFICMASI	68	8
>TSHR-P639ϵTDFICMAPI	425	>TSHR-P639ϵTDFICMASI	587	162
>TSHR-P639ϵTDFICMAPI	1028	>TSHR-P639ϵTDFICMASI	454	574
>TSHR-P639ϵTDFICMAPI	101	>TSHR-P639ϵTDFICMASI	114	13
>TSHR-P639ϵFTDFICMAPI	378	>TSHR-P639ϵFTDFICMASI	549	171
>TSHR-P639ϵFTDFICMAPI	333	>TSHR-P639ϵFTDFICMASI	356	23
>TSHR-P639ϵFTDFICMAPI	400	>TSHR-P639ϵFTDFICMASI	316	84
>TSHR-P639ϵFTDFICMAPI	83	>TSHR-P639ϵFTDFICMASI	108	25
>TSHR-P639ϵFTDFICMAPI	256	>TSHR-P639ϵFTDFICMASI	286	30
>TSHR-P639ϵFTDFICMAPI	29	>TSHR-P639ϵFTDFICMASI	39	10
>TSHR-P639ϵFTDFICMAPI	16	>TSHR-P639ϵFTDFICMASI	32	16
>TSHR-P639ϵFTDFICMAPI	185	>TSHR-P639ϵFTDFICMASI	242	57
>TSHR-P639ϵFTDFICMAPI	412	>TSHR-P639ϵFTDFICMASI	396	16
>TSHR-P639ϵFTDFICMAPI	881	>TSHR-P639ϵFTDFICMASI	216	665
>TSHR-P639ϵFTDFICMAPIϵ	2544	>TSHR-P639ϵFTDFICMASISϵ	221	2323
>TSHR-P639ϵFTDFICMAPI	94	>TSHR-P639ϵFTDFICMASI	68	26
>TSHR-P639ϵIFTDFICMAPI	365	>TSHR-P639ϵIFTDFICMASI	430	65
>TSHR-R3121RKSVALNSP	495	>TSHR-R3121TKSVNALNSP	5164	4669
>TSHR-R3121RKSVALNSP	10	>TSHR-R3121TKSVNALNSP	68	58
>TSHR-R3121RKSVALNSP	287	>TSHR-R3121TKSVNALNSP	44	243
>TSHR-R3121RKSVALNSP	447	>TSHR-R3121TKSVNALNSP	11455	11008
>TSHR-R3121RKSVALNSP	215	>TSHR-R3121TKSVNALNSP	7126	6911
>TSHR-R3121QRKSVNAL	12074	>TSHR-R3121QTKSVNAL	312	11762
>TSHR-R3121QRKSVNAL	21723	>TSHR-R3121QTKSVNAL	268	21455
>TSHR-R3121QRKSVNAL	176	>TSHR-R3121QTKSVNAL	978	802
>TSHR-R3121QRKSVNAL	27361	>TSHR-R3121QTKSVNAL	407	26954
>TSHR-R3121QRKSVNAL	18063	>TSHR-R3121QTKSVNAL	396	17667
>TSHR-R3121QRKSVNALN	18328	>TSHR-R3121QTKSVNALN	451	17877
>TSHR-R3121RQRKSVNAL	487	>TSHR-R3121RQTKSVNAL	803	316
>TSHR-R3121RQRKSVNAL	648	>TSHR-R3121RQTKSVNAL	70	578
>TSHR-R3121RQRKSVNA	9	>TSHR-R3121RQTKSVNA	2294	2285
>TSHR-R3121RQRKSVNAL	14	>TSHR-R3121RQTKSVNAL	4401	4387
>TSHR-R3121RQRKSVNALN	146	>TSHR-R3121RQTKSVNALN	10320	10174
>TSHR-R3121RQRKSVNALN	39	>TSHR-R3121RQTKSVNALN	7932	7893
>TSHR-R3121RQRKSVNAL	271	>TSHR-R3121RQTKSVNAL	9258	8987
>TSHR-R3121RQRKSVNA	283	>TSHR-R3121RQTKSVNA	4330	4047
>TSHR-R3121RQRKSVNAL	37	>TSHR-R3121RQTKSVNAL	215	178
>TSHR-R3121RQRKSVNA	26	>TSHR-R3121RQTKSVNA	173	147

>TSHR-R3121RQRKSVNAL	3	>TSHR-R3121RQTKSVNAL	6	3
>TSHR-R3121RQRKSVNAL	88	>TSHR-R3121RQTKSVNAL	657	569
>TSHR-R3121RQRKSVNAL	359	>TSHR-R3121RQTKSVNAL	77	282
>TSHR-R3121RQRKSVNAL	4507	>TSHR-R3121RQTKSVNAL	340	4167
>TSHR-R3121RQRKSVNAL	84	>TSHR-R3121RQTKSVNAL	97	13
>TSHR-R3121RQRKSVNAL	264	>TSHR-R3121RQTKSVNAL	629	365
>TSHR-R3121RQRKSVNAL	59	>TSHR-R3121RQTKSVNAL	94	35
>TSHR-R3121LRQRKSVNAL	186	>TSHR-R3121LRQTKSVNAL	186	0
>TSHR-R3121LRQRKSVNAL	238	>TSHR-R3121LRQTKSVNAL	241	3
>TSHR-R3121LRQRKSVNAL	766	>TSHR-R3121LRQTKSVNAL	251	515
>TSHR-R3121LRQRKSVNAL	140	>TSHR-R3121LRQTKSVNAL	222	82
>TSHR-R3121LRQRKSVNAL	146	>TSHR-R3121LRQTKSVNAL	172	26
>TSHR-R3121SLRQRKSVNA	308	>TSHR-R3121SLRQTKSVNA	246	62
>TSHR-R3121SLRQRKSV	77	>TSHR-R3121SLRQTKSV	30	47
>TSHR-R3121SLRQRKSVNA	920	>TSHR-R3121SLRQTKSVNA	441	479
>TSHR-R3121SLRQRKSVNA	142	>TSHR-R3121SLRQTKSVNA	146	4
>TSHR-R3121SLRQRKSV	160	>TSHR-R3121SLRQTKSV	28	132
>TSHR-R3121SLRQRKSVNA	478	>TSHR-R3121SLRQTKSVNA	232	246
>TSHR-R3121SLRQRKSV	2071	>TSHR-R3121SLRQTKSV	323	1748
>TSHR-R3121SLRQRKSV	335	>TSHR-R3121SLRQTKSV	60	275
>TSHR-R3121SLRQRKSV	4	>TSHR-R3121SLRQTKSV	3	1
>TSHR-R3121SLRQRKSVNA	57	>TSHR-R3121SLRQTKSVNA	51	6
>TSHR-R3121SLRQRKSVNA	21	>TSHR-R3121SLRQTKSVNA	18	3
>TSHR-R3121SLRQRKSV	268	>TSHR-R3121SLRQTKSV	244	24
>TSHR-R3121SLRQRKSVNA	114	>TSHR-R3121SLRQTKSVNA	91	23
>TSHR-R3121SLRQRKSVNA	472	>TSHR-R3121SLRQTKSVNA	331	141
>TSHR-R3121SLRQRKSVNA	93	>TSHR-R3121SLRQTKSVNA	107	14
>TSHR-R3121SLRQRKSV	20	>TSHR-R3121SLRQTKSV	148	128
>TSHR-R3121SLRQRKSVNA	17	>TSHR-R3121SLRQTKSVNA	47	30
>TSHR-R3121SLRQRKSVNA	351	>TSHR-R3121SLRQTKSVNA	227	124
>TSHR-R3121SLRQRKSVNA	488	>TSHR-R3121SLRQTKSVNA	264	224
>TSHR-R3121QSLRQRKSVN	495	>TSHR-R3121QSLRQTKSVN	781	286
>TSHR-R3121MQSLRQRKS'	649	>TSHR-R3121MQSLRQTKS'	466	183
>TSHR-R3121MQSLRQRKS'	802	>TSHR-R3121MQSLRQTKS'	215	587
>TSHR-R3121MQSLRQRK	444	>TSHR-R3121MQSLRQTK	496	52
>TSHR-R3121MQSLRQRK	234	>TSHR-R3121MQSLRQTK	196	38
>TSHR-R3121MQSLRQRK	541	>TSHR-R3121MQSLRQTK	369	172
>TSHR-R3121MQSLRQRKS'	214	>TSHR-R3121MQSLRQTKS'	115	99
>TSHR-R3121SMQSLRQRK:	978	>TSHR-R3121SMQSLRQTK:	283	695
>TSHR-R3121SMQSLRQRK:	473	>TSHR-R3121SMQSLRQTK:	139	334
>TSHR-R3121SMQSLRQRK:	113	>TSHR-R3121SMQSLRQTK:	28	85
>TSHR-R3121SMQSLRQRK:	34	>TSHR-R3121SMQSLRQTK:	11	23
>TSHR-R3121SMQSLRQRK:	204	>TSHR-R3121SMQSLRQTK:	28	176

>TSHR-R3121SMQSLRQRK:	89	>TSHR-R3121SMQSLRQTK:	31	58
>TSHR-R3121SMQSLRQRK:	1805	>TSHR-R3121SMQSLRQTK:	278	1527
>TSHR-R3121SMQSLRQRK:	4	>TSHR-R3121SMQSLRQTK:	3	1
>TSHR-R3121SMQSLRQRK	342	>TSHR-R3121SMQSLRQTK	511	169
>TSHR-R3121SMQSLRQRK	36	>TSHR-R3121SMQSLRQTK	38	2
>TSHR-R3121SMQSLRQRK	730	>TSHR-R3121SMQSLRQTK	258	472
>TSHR-R3121SMQSLRQR	16	>TSHR-R3121SMQSLRQT	15025	15009
>TSHR-R3121SMQSLRQRK	67	>TSHR-R3121SMQSLRQTK	58	9
>TSHR-R3121SMQSLRQRK:	562	>TSHR-R3121SMQSLRQTK:	375	187
>TSHR-R3121SSMQSLRQR:	289	>TSHR-R3121SSMQSLRQTI	154	135
>TSHR-R3121SSMQSLRQR	180	>TSHR-R3121SSMQSLRQT	21185	21005
>TSHR-R3121SSMQSLRQR:	12	>TSHR-R3121SSMQSLRQTI	8	4
>TSHR-R3121SSMQSLRQR:	119	>TSHR-R3121SSMQSLRQTI	55	64
>TSHR-R3121SSMQSLRQR	165	>TSHR-R3121SSMQSLRQT	21768	21603
>TSHR-R3121SSMQSLRQR:	230	>TSHR-R3121SSMQSLRQTI	243	13
>TSHR-R3121SSMQSLRQR	107	>TSHR-R3121SSMQSLRQT	29334	29227
>TSHR-R3121SSMQSLRQR:	410	>TSHR-R3121SSMQSLRQTI	152	258
>TSHR-R3121SSMQSLRQR	74	>TSHR-R3121SSMQSLRQT	2157	2083
>TSHR-R3121SSMQSLRQR:	149	>TSHR-R3121SSMQSLRQTI	196	47
>TSHR-R3121ESSMQSLRQR:	147	>TSHR-R3121ESSMQSLRQT	26466	26319
>TSHR-R3121ESSMQSLRQR:	61	>TSHR-R3121ESSMQSLRQT	32500	32439
>TSHR-R3121ESSMQSLRQR:	55	>TSHR-R3121ESSMQSLRQT	36	19
>TSHR-R5195RWYAITFAM	419	>TSHR-R5195SWYAITFAM	100	319
>TSHR-R5195RWYAITFAM:	133	>TSHR-R5195SWYAITFAMI	40	93
>TSHR-R5195RWYAITFA	327	>TSHR-R5195SWYAITFA	161	166
>TSHR-R5195RWYAITFAM	302	>TSHR-R5195SWYAITFAM	160	142
>TSHR-R5195RWYAITFAM:	377	>TSHR-R5195SWYAITFAMI	213	164
>TSHR-R5195RWYAITFA	218	>TSHR-R5195SWYAITFA	265	47
>TSHR-R5195RWYAITFAM	250	>TSHR-R5195SWYAITFAM	264	14
>TSHR-R5195RWYAITFAM:	419	>TSHR-R5195SWYAITFAMI	907	488
>TSHR-R5195RWYAITFAM	302	>TSHR-R5195SWYAITFAM	1638	1336
>TSHR-R5195RWYAITFAM:	121	>TSHR-R5195SWYAITFAMI	431	310
>TSHR-R5195RWYAITFAM	268	>TSHR-R5195SWYAITFAMI	949	681
>TSHR-R5195RWYAITFAM	57	>TSHR-R5195SWYAITFAM	220	163
>TSHR-R5195RWYAITFAM:	17	>TSHR-R5195SWYAITFAMI	50	33
>TSHR-R5195RWYAITFAM	1014	>TSHR-R5195SWYAITFAM	315	699
>TSHR-R5195RWYAITFA	406	>TSHR-R5195SWYAITFA	3560	3154
>TSHR-R5195RWYAITFAM:	5	>TSHR-R5195SWYAITFAMI	9	4
>TSHR-R5195RWYAITFAM	87	>TSHR-R5195SWYAITFAM	961	874
>TSHR-R5195RWYAITFAM:	285	>TSHR-R5195SWYAITFAMI	2558	2273
>TSHR-R5195RWYAITFAM	152	>TSHR-R5195SWYAITFAMI	57	95
>TSHR-R5195RWYAITFAM:	717	>TSHR-R5195SWYAITFAMI	211	506
>TSHR-R5195RWYAITFAM	153	>TSHR-R5195SWYAITFAMI	3003	2850

>TSHR-R519ϵ RWYAITFAM	488	>TSHR-R519ϵ SWYAITFAM	279	209
>TSHR-R519ϵ RWYAITFAM	145	>TSHR-R519ϵ SWYAITFAM	3154	3009
>TSHR-R519ϵ RWYAITFAM	193	>TSHR-R519ϵ SWYAITFAMI	3133	2940
>TSHR-R519ϵ RWYAITFAM	240	>TSHR-R519ϵ SWYAITFAMI	3545	3305
>TSHR-R519ϵ RWYAITFA	94	>TSHR-R519ϵ SWYAITFA	367	273
>TSHR-R519ϵ RWYAITFAM	110	>TSHR-R519ϵ SWYAITFAM	385	275
>TSHR-R519ϵ RWYAITFAM	8	>TSHR-R519ϵ SWYAITFAMI	10	2
>TSHR-R519ϵ RWYAITFAM	174	>TSHR-R519ϵ SWYAITFAMI	667	493
>TSHR-R519ϵ RWYAITFA	21	>TSHR-R519ϵ SWYAITFA	22	1
>TSHR-R519ϵ RWYAITFAM	29	>TSHR-R519ϵ SWYAITFAM	28	1
>TSHR-R519ϵ RWYAITFAM	59	>TSHR-R519ϵ SWYAITFAMI	60	1
>TSHR-R519ϵ ERWYAITF	7504	>TSHR-R519ϵ ESWYAITF	127	7377
>TSHR-R519ϵ ERWYAITFAN	3097	>TSHR-R519ϵ ESWYAITFAN	50	3047
>TSHR-R519ϵ ERWYAITFAN	7838	>TSHR-R519ϵ ESWYAITFAN	40	7798
>TSHR-R519ϵ ERWYAITF	1933	>TSHR-R519ϵ ESWYAITF	53	1880
>TSHR-R519ϵ ERWYAITFAN	6602	>TSHR-R519ϵ ESWYAITFAN	415	6187
>TSHR-R519ϵ ERWYAITFAN	336	>TSHR-R519ϵ ESWYAITFAN	17	319
>TSHR-R519ϵ ERWYAITFAN	185	>TSHR-R519ϵ ESWYAITFAN	4	181
>TSHR-R519ϵ ERWYAITFA	1678	>TSHR-R519ϵ ESWYAITFA	15	1663
>TSHR-R519ϵ ERWYAITFAN	8825	>TSHR-R519ϵ ESWYAITFAN	179	8646
>TSHR-R519ϵ ERWYAITFA	9495	>TSHR-R519ϵ ESWYAITFA	180	9315
>TSHR-R519ϵ ERWYAITFAN	2992	>TSHR-R519ϵ ESWYAITFAN	32	2960
>TSHR-R519ϵ ERWYAITF	23	>TSHR-R519ϵ ESWYAITF	33	10
>TSHR-R519ϵ ERWYAITFAN	204	>TSHR-R519ϵ ESWYAITFAN	307	103
>TSHR-R519ϵ ERWYAITF	20367	>TSHR-R519ϵ ESWYAITF	7	20360
>TSHR-R519ϵ ERWYAITFAN	26035	>TSHR-R519ϵ ESWYAITFAN	49	25986
>TSHR-R519ϵ ERWYAITF	148	>TSHR-R519ϵ ESWYAITF	16710	16562
>TSHR-R519ϵ ERWYAITFA	440	>TSHR-R519ϵ ESWYAITFA	23605	23165
>TSHR-R519ϵ ERWYAITFAN	45	>TSHR-R519ϵ ESWYAITFAN	20495	20450
>TSHR-R519ϵ ERWYAITFAN	85	>TSHR-R519ϵ ESWYAITFAN	18206	18121
>TSHR-R519ϵ ERWYAITF	1006	>TSHR-R519ϵ ESWYAITF	37	969
>TSHR-R519ϵ ERWYAITFAN	331	>TSHR-R519ϵ ESWYAITFAN	6743	6412
>TSHR-R519ϵ ERWYAITFA	269	>TSHR-R519ϵ ESWYAITFA	14703	14434
>TSHR-R519ϵ ERWYAITFAN	386	>TSHR-R519ϵ ESWYAITFAN	17294	16908
>TSHR-R519ϵ ERWYAITFAN	270	>TSHR-R519ϵ ESWYAITFAN	24470	24200
>TSHR-R519ϵ ERWYAITFAN	173	>TSHR-R519ϵ ESWYAITFAN	237	64
>TSHR-R519ϵ VYTLTVITLER	303	>TSHR-R519ϵ VYTLTVITLES	16107	15804
>TSHR-R519ϵ VYTLTVITLER	322	>TSHR-R519ϵ VYTLTVITLES	31008	30686
>TSHR-R519ϵ VYTLTVITLER	53	>TSHR-R519ϵ VYTLTVITLES	24879	24826
>TSHR-R519ϵ LERWYAITFA	377	>TSHR-R519ϵ LESWYAITFAI	196	181
>TSHR-R519ϵ LERWYAITF	39	>TSHR-R519ϵ LESWYAITF	93	54
>TSHR-R519ϵ LERWYAITF	4	>TSHR-R519ϵ LESWYAITF	5	1
>TSHR-R519ϵ LERWYAITFA	9	>TSHR-R519ϵ LESWYAITFAI	10	1

>TSHR-R519€ LERWYAITF	968	>TSHR-R519€ LESWYAITF	145	823
>TSHR-R519€ LERWYAITFA	449	>TSHR-R519€ LESWYAITFAI	80	369
>TSHR-R519€ LERWYAITFA	3985	>TSHR-R519€ LESWYAITFAI	262	3723
>TSHR-R519€ LERWYAITF	60	>TSHR-R519€ LESWYAITF	9	51
>TSHR-R519€ LERWYAITFA	48	>TSHR-R519€ LESWYAITFAI	9	39
>TSHR-R519€ LERWYAITF	245	>TSHR-R519€ LESWYAITF	500	255
>TSHR-R519€ LERWYAITFA	90	>TSHR-R519€ LESWYAITFAI	156	66
>TSHR-R519€ LERWYAITF	82	>TSHR-R519€ LESWYAITF	51	31
>TSHR-R519€ LERWYAITFA	546	>TSHR-R519€ LESWYAITFAI	265	281
>TSHR-R519€ LERWYAIT	348	>TSHR-R519€ LESWYAIT	193	155
>TSHR-R519€ LERWYAITFA	558	>TSHR-R519€ LESWYAITFAI	275	283
>TSHR-R519€ LERWYAITF	152	>TSHR-R519€ LESWYAITF	358	206
>TSHR-R519€ LERWYAITFA	510	>TSHR-R519€ LESWYAITFA	462	48
>TSHR-R519€ LERWYAITFA	42	>TSHR-R519€ LESWYAITFAI	58	16
>TSHR-R519€ TLERWYAI	838	>TSHR-R519€ TLESWYAI	228	610
>TSHR-R519€ TLERWYAITF,	1443	>TSHR-R519€ TLESWYAITF/	433	1010
>TSHR-R519€ TLERWYAI	429	>TSHR-R519€ TLESWYAI	116	313
>TSHR-R519€ TLERWYAITF,	248	>TSHR-R519€ TLESWYAITF/	74	174
>TSHR-R519€ TLERWYAITF,	228	>TSHR-R519€ TLESWYAITF/	86	142
>TSHR-R519€ TLERWYAI	91	>TSHR-R519€ TLESWYAI	53	38
>TSHR-R519€ TLERWYAITF,	455	>TSHR-R519€ TLESWYAITF/	292	163
>TSHR-R519€ TLERWYAI	99	>TSHR-R519€ TLESWYAI	67	32
>TSHR-R519€ TLERWYAI	70	>TSHR-R519€ TLESWYAI	59	11
>TSHR-R519€ TLERWYAIT	307	>TSHR-R519€ TLESWYAIT	265	42
>TSHR-R519€ TLERWYAITF,	28	>TSHR-R519€ TLESWYAITF/	24	4
>TSHR-R519€ ITLERWYAI	110	>TSHR-R519€ ITLESWYAI	542	432
>TSHR-R519€ ITLERWYAITF	115	>TSHR-R519€ ITLESWYAITF	389	274
>TSHR-R519€ ITLERWYA	161	>TSHR-R519€ ITLESWYA	65	96
>TSHR-R519€ ITLERWYAI	61	>TSHR-R519€ ITLESWYAI	47	14
>TSHR-R519€ ITLERWYA	15	>TSHR-R519€ ITLESWYA	9	6
>TSHR-R519€ ITLERWYAI	9	>TSHR-R519€ ITLESWYAI	8	1
>TSHR-R519€ ITLERWYAITF	122	>TSHR-R519€ ITLESWYAITF	115	7
>TSHR-R519€ ITLERWYA	37	>TSHR-R519€ ITLESWYA	14	23
>TSHR-R519€ ITLERWYAI	18	>TSHR-R519€ ITLESWYAI	12	6
>TSHR-R519€ ITLERWYA	1223	>TSHR-R519€ ITLESWYA	241	982
>TSHR-R519€ ITLERWYAI	270	>TSHR-R519€ ITLESWYAI	105	165
>TSHR-R519€ ITLERWYA	368	>TSHR-R519€ ITLESWYA	99	269
>TSHR-R519€ ITLERWYAI	1036	>TSHR-R519€ ITLESWYAI	429	607
>TSHR-R519€ ITLERWYA	1688	>TSHR-R519€ ITLESWYA	274	1414
>TSHR-R519€ ITLERWYAITF	827	>TSHR-R519€ ITLESWYAITF	396	431
>TSHR-R519€ ITLERWYAITF	387	>TSHR-R519€ ITLESWYAITF	526	139
>TSHR-R519€ ITLERWYAITF	451	>TSHR-R519€ ITLESWYAITF	434	17
>TSHR-R519€ ITLERWYAI	458	>TSHR-R519€ ITLESWYAI	342	116

>TSHR-R519ϵITLERWYAI	112	>TSHR-R519ϵITLESWYAI	157	45
>TSHR-R519ϵITLERWYAITF	26	>TSHR-R519ϵITLESWYAITF	35	9
>TSHR-R519ϵITLERWYA	921	>TSHR-R519ϵITLESWYA	448	473
>TSHR-R519ϵITLERWYAI	323	>TSHR-R519ϵITLESWYAI	94	229
>TSHR-R519ϵITLERWYA	319	>TSHR-R519ϵITLESWYA	71	248
>TSHR-R519ϵITLERWYAI	185	>TSHR-R519ϵITLESWYAI	46	139
>TSHR-R519ϵITLERWYAI	1516	>TSHR-R519ϵITLESWYAI	284	1232
>TSHR-R519ϵITLERWYAITF	42	>TSHR-R519ϵITLESWYAITF	18	24
>TSHR-R519ϵITLERWYAI	30	>TSHR-R519ϵITLESWYAI	10	20
>TSHR-R519ϵITLERWYAITF	3	>TSHR-R519ϵITLESWYAITF	2	1
>TSHR-R519ϵITLERWYAITF	363	>TSHR-R519ϵITLESWYAITF	115	248
>TSHR-R519ϵITLERWYAITF	111	>TSHR-R519ϵITLESWYAITF	78	33
>TSHR-R519ϵITLERWYAITF	130	>TSHR-R519ϵITLESWYAITF	37	93
>TSHR-R519ϵITLERWYAITF	1033	>TSHR-R519ϵITLESWYAITF	342	691
>TSHR-R519ϵITLERWYAITF	33	>TSHR-R519ϵITLESWYAITF	23	10
>TSHR-R519ϵITLERWYAI	423	>TSHR-R519ϵITLESWYAI	381	42
>TSHR-R519ϵITLERWYAI	56	>TSHR-R519ϵITLESWYAI	50	6
>TSHR-R519ϵVITLERWYA	2598	>TSHR-R519ϵVITLESWYA	350	2248
>TSHR-R519ϵVITLERWYA	487	>TSHR-R519ϵVITLESWYA	107	380
>TSHR-R519ϵVITLERWYA	3450	>TSHR-R519ϵVITLESWYA	425	3025
>TSHR-R519ϵVITLERWYAI	1237	>TSHR-R519ϵVITLESWYAI	409	828
>TSHR-R519ϵVITLERWYA	3223	>TSHR-R519ϵVITLESWYA	283	2940
>TSHR-R519ϵVITLERWYA	150	>TSHR-R519ϵVITLESWYA	103	47
>TSHR-R519ϵVITLERWY	410	>TSHR-R519ϵVITLESWY	192	218
>TSHR-R519ϵTVITLERWYA	536	>TSHR-R519ϵTVITLESWYA	274	262
>TSHR-R519ϵTVITLERWYA	420	>TSHR-R519ϵTVITLESWYA	258	162
>TSHR-R519ϵTVITLERWYA	560	>TSHR-R519ϵTVITLESWYA	283	277
>TSHR-R519ϵTVITLERWYA	69	>TSHR-R519ϵTVITLESWYA	41	28
>TSHR-R519ϵTVITLERWYA	225	>TSHR-R519ϵTVITLESWYAI	137	88
>TSHR-R519ϵTVITLERWY	709	>TSHR-R519ϵTVITLESWY	154	555
>TSHR-R519ϵTVITLERW	200	>TSHR-R519ϵTVITLESW	181	19
>TSHR-R519ϵTVITLERWY	5	>TSHR-R519ϵTVITLESWY	3	2
>TSHR-R519ϵTVITLERWYA	355	>TSHR-R519ϵTVITLESWYAI	140	215
>TSHR-R519ϵTVITLERWY	154	>TSHR-R519ϵTVITLESWY	112	42
>TSHR-R519ϵTVITLERWY	665	>TSHR-R519ϵTVITLESWY	255	410
>TSHR-R519ϵTVITLERWY	864	>TSHR-R519ϵTVITLESWY	170	694
>TSHR-R519ϵTVITLERWY	669	>TSHR-R519ϵTVITLESWY	65	604
>TSHR-R519ϵTVITLERWYA	62	>TSHR-R519ϵTVITLESWYA	103	41
>TSHR-R519ϵTVITLERWYA	27	>TSHR-R519ϵTVITLESWYAI	12	15
>TSHR-R519ϵTVITLERW	840	>TSHR-R519ϵTVITLESW	430	410
>TSHR-R519ϵTVITLERW	261	>TSHR-R519ϵTVITLESW	332	71
>TSHR-R519ϵTVITLERW	59	>TSHR-R519ϵTVITLESW	37	22
>TSHR-R519ϵTVITLERWY	636	>TSHR-R519ϵTVITLESWY	17	619



>TSHR-R519\$ LTVITLERWY	219	>TSHR-R519\$ LTVITLESWY	130	89
>TSHR-R519\$ LTVITLERWY/	1166	>TSHR-R519\$ LTVITLESWY/	388	778
>TSHR-R519\$ LTVITLERWY/	157	>TSHR-R519\$ LTVITLESWY/	50	107
>TSHR-R519\$ LTVITLERWY/	1193	>TSHR-R519\$ LTVITLESWY/	411	782
>TSHR-R519\$ LTVITLERWY	22	>TSHR-R519\$ LTVITLESWY	10	12
>TSHR-R519\$ LTVITLERWY	348	>TSHR-R519\$ LTVITLESWY	359	11
>TSHR-R519\$ LTVITLERWY	299	>TSHR-R519\$ LTVITLESWY	88	211
>TSHR-R519\$ LTVITLER	120	>TSHR-R519\$ LTVITLES	16712	16592
>TSHR-R519\$ LTVITLER	19	>TSHR-R519\$ LTVITLES	13938	13919
>TSHR-R519\$ LTVITLERWY	2492	>TSHR-R519\$ LTVITLESWY	341	2151
>TSHR-R519\$ LTVITLERWY/	268	>TSHR-R519\$ LTVITLESWY/	269	1
>TSHR-R519\$ LTVITLERW	4	>TSHR-R519\$ LTVITLESW	4	0
>TSHR-R519\$ LTVITLERWY	5	>TSHR-R519\$ LTVITLESWY	4	1
>TSHR-R519\$ LTVITLERW	447	>TSHR-R519\$ LTVITLESW	279	168
>TSHR-R519\$ LTVITLERW	39	>TSHR-R519\$ LTVITLESW	40	1
>TSHR-R519\$ LTVITLERWY	466	>TSHR-R519\$ LTVITLESWY	876	410
>TSHR-R519\$ LTVITLERW	13	>TSHR-R519\$ LTVITLESW	12	1
>TSHR-R519\$ LTVITLERW	170	>TSHR-R519\$ LTVITLESW	231	61
>TSHR-R519\$ LTVITLERWY	29	>TSHR-R519\$ LTVITLESWY	20	9
>TSHR-R519\$ LTVITLERW	422	>TSHR-R519\$ LTVITLESW	257	165
>TSHR-R519\$ TLTVITLERW\	334	>TSHR-R519\$ TLTVITLESW\	204	130
>TSHR-R519\$ TLTVITLERW\	459	>TSHR-R519\$ TLTVITLESW\	159	300
>TSHR-R519\$ TLTVITLER	224	>TSHR-R519\$ TLTVITLES	15941	15717
>TSHR-R519\$ TLTVITLER	23	>TSHR-R519\$ TLTVITLES	17549	17526
>TSHR-R519\$ TLTVITLERW\	235	>TSHR-R519\$ TLTVITLESW\	114	121
>TSHR-R519\$ TLTVITLERW	154	>TSHR-R519\$ TLTVITLESW	127	27
>TSHR-R519\$ TLTVITLERW\	1807	>TSHR-R519\$ TLTVITLESW\	167	1640
>TSHR-R519\$ TLTVITLERW\	1330	>TSHR-R519\$ TLTVITLESW\	445	885
>TSHR-R519\$ TLTVITLER	215	>TSHR-R519\$ TLTVITLES	33504	33289
>TSHR-R519\$ YTLTVITLER	323	>TSHR-R519\$ YTLTVITLES	11131	10808
>TSHR-R519\$ YTLTVITLER	74	>TSHR-R519\$ YTLTVITLES	26456	26382
>TSHR-R519\$ YTLTVITLERM	2675	>TSHR-R519\$ YTLTVITLESM	276	2399
>TSHR-R519\$ YTLTVITLER	67	>TSHR-R519\$ YTLTVITLES	16196	16129
>TSHR-R519\$ YTLTVITLERM	1273	>TSHR-R519\$ YTLTVITLESM	232	1041
>TSHR-R519\$ YTLTVITLER	124	>TSHR-R519\$ YTLTVITLES	13479	13355
>TSHR-R519\$ YTLTVITLER	4	>TSHR-R519\$ YTLTVITLES	12628	12624
>TSHR-R519\$ YTLTVITLERM	5	>TSHR-R519\$ YTLTVITLESM	6	1
>TSHR-R519\$ YTLTVITLERM	47	>TSHR-R519\$ YTLTVITLESM	47	0
>TSHR-R519\$ YTLTVITLERM	10	>TSHR-R519\$ YTLTVITLESM	10	0
>TSHR-R519\$ YTLTVITLERM	19	>TSHR-R519\$ YTLTVITLESM	23	4
>TSHR-R519\$ YTLTVITLERM	155	>TSHR-R519\$ YTLTVITLESM	106	49
>TSHR-R519\$ YTLTVITLER	203	>TSHR-R519\$ YTLTVITLES	31537	31334
>TSHR-S281I· PSHCCAFK	76	>TSHR-S281I· PIHCCAFK	183	107

>TSHR-S281I·PSHCCAFKNC	330	>TSHR-S281I·PIHCCAFKNC	763	433
>TSHR-S281I·HLTRADLSYP	9483	>TSHR-S281I·HLTRADLSYP	259	9224
>TSHR-S281I·HLTRADLSYP	1880	>TSHR-S281I·HLTRADLSYP	62	1818
>TSHR-S281I·HLTRADLSYP	9850	>TSHR-S281I·HLTRADLSYP	323	9527
>TSHR-S281I·HLTRADLSYP	8101	>TSHR-S281I·HLTRADLSYP	356	7745
>TSHR-S281I·HLTRADLSYP	8671	>TSHR-S281I·HLTRADLSYP	202	8469
>TSHR-S281I·HLTRADLSYP	3624	>TSHR-S281I·HLTRADLSYP	25	3599
>TSHR-S281I·HLTRADLSYP	8547	>TSHR-S281I·HLTRADLSYP	87	8460
>TSHR-S281I·HLTRADLSYP	4591	>TSHR-S281I·HLTRADLSYP	36	4555
>TSHR-S281I·HLTRADLSYP	13716	>TSHR-S281I·HLTRADLSYP	157	13559
>TSHR-S281I·HLTRADLSYP	3287	>TSHR-S281I·HLTRADLSYP	173	3114
>TSHR-S281I·YPSHCCAF	1945	>TSHR-S281I·YPIHCCAF	230	1715
>TSHR-S281I·YPSHCCAFK	210	>TSHR-S281I·YPIHCCAFK	113	97
>TSHR-S281I·YPSHCCAF	25	>TSHR-S281I·YPIHCCAF	25	0
>TSHR-S281I·YPSHCCAF	42	>TSHR-S281I·YPIHCCAF	34	8
>TSHR-S281I·YPSHCCAF	7	>TSHR-S281I·YPIHCCAF	7	0
>TSHR-S281I·YPSHCCAF	91	>TSHR-S281I·YPIHCCAF	72	19
>TSHR-S281I·YPSHCCAF	2374	>TSHR-S281I·YPIHCCAF	253	2121
>TSHR-S281I·YPSHCCAFK	2049	>TSHR-S281I·YPIHCCAFK	433	1616
>TSHR-S281I·YPSHCCAFKN	742	>TSHR-S281I·YPIHCCAFKN	230	512
>TSHR-S281I·YPSHCCAFKN	1559	>TSHR-S281I·YPIHCCAFKN	219	1340
>TSHR-S281I·YPSHCCAF	30	>TSHR-S281I·YPIHCCAF	24	6
>TSHR-S281I·YPSHCCAF	33	>TSHR-S281I·YPIHCCAF	17	16
>TSHR-S281I·SYPSHCCAF	142	>TSHR-S281I·SYPIHCCAF	180	38
>TSHR-S281I·SYPSHCCAF	5	>TSHR-S281I·SYPIHCCAF	5	0
>TSHR-S281I·SYPSHCCAFK	243	>TSHR-S281I·SYPIHCCAFK	194	49
>TSHR-S281I·SYPSHCCAFK	251	>TSHR-S281I·SYPIHCCAFK	393	142
>TSHR-S281I·SYPSHCCAFK	125	>TSHR-S281I·SYPIHCCAFK	134	9
>TSHR-S281I·SYPSHCCAF	324	>TSHR-S281I·SYPIHCCAF	668	344
>TSHR-S281I·LSYPSHCCAFI	37	>TSHR-S281I·LSYPIHCCAFK	41	4
>TSHR-S281I·LSYPSHCCAFI	11	>TSHR-S281I·LSYPIHCCAFK	11	0
>TSHR-S281I·LSYPSHCCA	448	>TSHR-S281I·LSYPIHCCA	1182	734
>TSHR-S281I·LSYPSHCCAFI	21	>TSHR-S281I·LSYPIHCCAFK	28	7
>TSHR-S281I·LSYPSHCCAFI	38	>TSHR-S281I·LSYPIHCCAFK	26	12
>TSHR-S281I·LSYPSHCCAF	1386	>TSHR-S281I·LSYPIHCCAF	328	1058
>TSHR-S281I·LSYPSHCCAFI	763	>TSHR-S281I·LSYPIHCCAFK	299	464
>TSHR-S281I·LSYPSHCCAFI	10	>TSHR-S281I·LSYPIHCCAFK	7	3
>TSHR-S281I·LSYPSHCCAF	24	>TSHR-S281I·LSYPIHCCAF	32	8
>TSHR-S281I·LSYPSHCCA	304	>TSHR-S281I·LSYPIHCCA	1704	1400
>TSHR-S281I·LSYPSHCCAF	4	>TSHR-S281I·LSYPIHCCAF	8	4
>TSHR-S281I·LSYPSHCCA	273	>TSHR-S281I·LSYPIHCCA	2618	2345
>TSHR-S281I·LSYPSHCCAF	3	>TSHR-S281I·LSYPIHCCAF	3	0
>TSHR-S281I·LSYPSHCCAF	412	>TSHR-S281I·LSYPIHCCAF	498	86

>TSHR-S281I·LSYPSHCCAF	26	>TSHR-S281I·LSYPIHCCAF	34	8
>TSHR-S281I·LSYPSHCC	271	>TSHR-S281I·LSYPIHCC	498	227
>TSHR-S281I·LSYPSHCCAF	138	>TSHR-S281I·LSYPIHCCAF	192	54
>TSHR-S281I·LSYPSHCCAFI	424	>TSHR-S281I·LSYPIHCCAFK	734	310
>TSHR-S281I·DLSYPSHCCA	862	>TSHR-S281I·DLSYPIHCCA	390	472
>TSHR-S281I·DLSYPSHCCA	404	>TSHR-S281I·DLSYPIHCCAF	792	388
>TSHR-S281I·DLSYPSHCCA	245	>TSHR-S281I·DLSYPIHCCAF	397	152
>TSHR-S281I·RADLSYPS	5845	>TSHR-S281I·RADLSYPI	140	5705
>TSHR-S281I·RADLSYPS	34059	>TSHR-S281I·RADLSYPI	173	33886
>TSHR-S281I·TRADLSYPS	2216	>TSHR-S281I·TRADLSYPI	44	2172
>TSHR-S281I·TRADLSYPS	2353	>TSHR-S281I·TRADLSYPI	194	2159
>TSHR-S281I·TRADLSYPS	3110	>TSHR-S281I·TRADLSYPI	32	3078
>TSHR-S281I·LTRADLSYPS	12146	>TSHR-S281I·LTRADLSYPI	260	11886
>TSHR-S281I·LTRADLSYPS	8398	>TSHR-S281I·LTRADLSYPI	237	8161
>TSHR-S281I·LTRADLSYPS	99	>TSHR-S281I·LTRADLSYPI	13	86
>TSHR-S281I·LTRADLSYPSI	158	>TSHR-S281I·LTRADLSYPIH	271	113
>TSHR-S281I·LTRADLSYPS	18481	>TSHR-S281I·LTRADLSYPI	245	18236
>TSHR-S281I·LTRADLSYPS	1989	>TSHR-S281I·LTRADLSYPI	17	1972
>TSHR-S281I·LTRADLSYPSI	189	>TSHR-S281I·LTRADLSYPIH	663	474
>TSHR-S281I·LTRADLSYPSI	100	>TSHR-S281I·LTRADLSYPIH	65	35
>TSHR-S281I·LTRADLSYPS	32614	>TSHR-S281I·LTRADLSYPI	155	32459
>TSHR-S281I·PSHCCAFK	76	>TSHR-S281I·PNHCCAFK	2139	2063
>TSHR-S281I·PSHCCAFKNC	330	>TSHR-S281I·PNHCCAFKNC	5087	4757
>TSHR-S281I·YPSHCCAFK	210	>TSHR-S281I·YPNHCCAFK	397	187
>TSHR-S281I·YPSHCCAF	25	>TSHR-S281I·YPNHCCAF	26	1
>TSHR-S281I·YPSHCCAF	42	>TSHR-S281I·YPNHCCAF	41	1
>TSHR-S281I·YPSHCCAF	7	>TSHR-S281I·YPNHCCAF	7	0
>TSHR-S281I·YPSHCCAF	91	>TSHR-S281I·YPNHCCAF	86	5
>TSHR-S281I·YPSHCCAFKN	1559	>TSHR-S281I·YPNHCCAFKN	433	1126
>TSHR-S281I·YPSHCCAF	30	>TSHR-S281I·YPNHCCAF	28	2
>TSHR-S281I·YPSHCCAF	33	>TSHR-S281I·YPNHCCAF	25	8
>TSHR-S281I·SYPSHCCAF	142	>TSHR-S281I·SYPNHCCAF	177	35
>TSHR-S281I·SYPSHCCAF	5	>TSHR-S281I·SYPNHCCAF	5	0
>TSHR-S281I·SYPSHCCAFK	243	>TSHR-S281I·SYPNHCCAFK	228	15
>TSHR-S281I·SYPSHCCAFK	251	>TSHR-S281I·SYPNHCCAFK	262	11
>TSHR-S281I·SYPSHCCAFK	125	>TSHR-S281I·SYPNHCCAFK	169	44
>TSHR-S281I·SYPSHCCAF	324	>TSHR-S281I·SYPNHCCAF	508	184
>TSHR-S281I·LSYPSHCCAFI	37	>TSHR-S281I·LSYPNHCCAF	45	8
>TSHR-S281I·LSYPSHCCAFI	11	>TSHR-S281I·LSYPNHCCAF	16	5
>TSHR-S281I·LSYPSHCCA	448	>TSHR-S281I·LSYPNHCCA	780	332
>TSHR-S281I·LSYPSHCCAFI	21	>TSHR-S281I·LSYPNHCCAF	24	3
>TSHR-S281I·LSYPSHCCAFI	38	>TSHR-S281I·LSYPNHCCAF	47	9
>TSHR-S281I·LSYPSHCCAFI	10	>TSHR-S281I·LSYPNHCCAF	12	2

>TSHR-S281M LSYP SHCCAF	24	>TSHR-S281M LSYP NHCCAF	28	4
>TSHR-S281M LSYP SHCCA	304	>TSHR-S281M LSYP NHCCA	781	477
>TSHR-S281M LSYP SHCCAF	4	>TSHR-S281M LSYP NHCCAF	6	2
>TSHR-S281M LSYP SHCCA	273	>TSHR-S281M LSYP NHCCA	1224	951
>TSHR-S281M LSYP SHCCAF	3	>TSHR-S281M LSYP NHCCAF	3	0
>TSHR-S281M LSYP SHCCAF	412	>TSHR-S281M LSYP NHCCAF	649	237
>TSHR-S281M LSYP SHCCAF	26	>TSHR-S281M LSYP NHCCAF	37	11
>TSHR-S281M LSYP SHCC	271	>TSHR-S281M LSYP NHCC	1346	1075
>TSHR-S281M LSYP SHCCAF	138	>TSHR-S281M LSYP NHCCAF	139	1
>TSHR-S281M LSYP SHCCAFI	424	>TSHR-S281M LSYP NHCCAF	443	19
>TSHR-S281M DLSYP SHCCA	404	>TSHR-S281M DLSYP NHCCA	418	14
>TSHR-S281M DLSYP SHCCA	245	>TSHR-S281M DLSYP NHCCA	312	67
>TSHR-S281M LTRADLSYPS	99	>TSHR-S281M LTRADLSYPN	466	367
>TSHR-S281M LTRADLSYPSI	158	>TSHR-S281M LTRADLSYPN	217	59
>TSHR-S281M LTRADLSYPSI	189	>TSHR-S281M LTRADLSYPN	222	33
>TSHR-S281M LTRADLSYPSI	100	>TSHR-S281M LTRADLSYPN	243	143
>TSHR-S281T PSHCCAFK	561	>TSHR-S281T PTHCCAFK	359	202
>TSHR-S281T PSHCCAFK	76	>TSHR-S281T PTHCCAFK	39	37
>TSHR-S281T PSHCCAFKNC	330	>TSHR-S281T PTHCCAFKNC	160	170
>TSHR-S281T PSHCCAFK	1650	>TSHR-S281T PTHCCAFK	307	1343
>TSHR-S281T HLTRADLSYP	4591	>TSHR-S281T HLTRADLSYP	454	4137
>TSHR-S281T YPSHCCAFK	210	>TSHR-S281T YPTHCCAFK	231	21
>TSHR-S281T YPSHCCAF	25	>TSHR-S281T YPTHCCAF	31	6
>TSHR-S281T YPSHCCAF	42	>TSHR-S281T YPTHCCAF	78	36
>TSHR-S281T YPSHCCAF	7	>TSHR-S281T YPTHCCAF	7	0
>TSHR-S281T YPSHCCAF	91	>TSHR-S281T YPTHCCAF	132	41
>TSHR-S281T YPSHCCAFKN	1559	>TSHR-S281T YPTHCCAFKN	472	1087
>TSHR-S281T YPSHCCAF	30	>TSHR-S281T YPTHCCAF	54	24
>TSHR-S281T YPSHCCAF	33	>TSHR-S281T YPTHCCAF	31	2
>TSHR-S281T SYPSHCCAF	142	>TSHR-S281T SYPTHCCAF	198	56
>TSHR-S281T SYPSHCCAF	5	>TSHR-S281T SYPTHCCAF	5	0
>TSHR-S281T SYPSHCCAFK	243	>TSHR-S281T SYPTHCCAFK	210	33
>TSHR-S281T SYPSHCCAFK	251	>TSHR-S281T SYPTHCCAFK	359	108
>TSHR-S281T SYPSHCCAFK	125	>TSHR-S281T SYPTHCCAFK	93	32
>TSHR-S281T SYPSHCCAF	324	>TSHR-S281T SYPTHCCAF	555	231
>TSHR-S281T LSYP SHCCAFI	37	>TSHR-S281T LSYP THCCAFI	45	8
>TSHR-S281T LSYP SHCCAFI	11	>TSHR-S281T LSYP THCCAFI	13	2
>TSHR-S281T LSYP SHCCA	448	>TSHR-S281T LSYP THCCA	354	94
>TSHR-S281T LSYP SHCCAFI	21	>TSHR-S281T LSYP THCCAFI	19	2
>TSHR-S281T LSYP SHCCAFI	38	>TSHR-S281T LSYP THCCAFI	36	2
>TSHR-S281T LSYP SHCCAFI	10	>TSHR-S281T LSYP THCCAFI	11	1
>TSHR-S281T LSYP SHCCAF	24	>TSHR-S281T LSYP THCCAF	26	2
>TSHR-S281T LSYP SHCCA	304	>TSHR-S281T LSYP THCCA	451	147

>TSHR-S281T LSYPSHCCAF	4	>TSHR-S281T LSYPTHCCAF	5	1
>TSHR-S281T LSYPSHCCA	273	>TSHR-S281T LSYPTHCCA	749	476
>TSHR-S281T LSYPSHCCAF	3	>TSHR-S281T LSYPTHCCAF	3	0
>TSHR-S281T LSYPSHCCAF	412	>TSHR-S281T LSYPTHCCAF	572	160
>TSHR-S281T LSYPSHCCAF	26	>TSHR-S281T LSYPTHCCAF	27	1
>TSHR-S281T LSYPSHCC	271	>TSHR-S281T LSYPTHCC	320	49
>TSHR-S281T LSYPSHCCAF	138	>TSHR-S281T LSYPTHCCAF	183	45
>TSHR-S281T LSYPSHCCAFI	424	>TSHR-S281T LSYPTHCCAFI	595	171
>TSHR-S281T DLSYPSHCCA	404	>TSHR-S281T DLSYPTHCCA	544	140
>TSHR-S281T DLSYPSHCCA	245	>TSHR-S281T DLSYPTHCCA	307	62
>TSHR-S281T LTRADLSYPS	99	>TSHR-S281T LTRADLSYPT	218	119
>TSHR-S281T LTRADLSYPSI	158	>TSHR-S281T LTRADLSYPTI	204	46
>TSHR-S281T LTRADLSYPSI	189	>TSHR-S281T LTRADLSYPTI	97	92
>TSHR-S281T LTRADLSYPSI	100	>TSHR-S281T LTRADLSYPTI	51	49
>TSHR-S425I SLLALLGNV	17	>TSHR-S425I ILLALLGNV	21	4
>TSHR-S425I SLLALLGNVFI	10	>TSHR-S425I ILLALLGNVFI	11	1
>TSHR-S425I SLLALLGNV	29	>TSHR-S425I ILLALLGNV	40	11
>TSHR-S425I SLLALLGNVFI	10	>TSHR-S425I ILLALLGNVFI	12	2
>TSHR-S425I SLLALLGNV	9	>TSHR-S425I ILLALLGNV	9	0
>TSHR-S425I SLLALLGNVFI	23	>TSHR-S425I ILLALLGNVFI	25	2
>TSHR-S425I SLLALLGNV	20	>TSHR-S425I ILLALLGNV	20	0
>TSHR-S425I SLLALLGNVFI	10	>TSHR-S425I ILLALLGNVFI	9	1
>TSHR-S425I SLLALLGNV	2	>TSHR-S425I ILLALLGNV	2	0
>TSHR-S425I SLLALLGNVFI	2	>TSHR-S425I ILLALLGNVFI	2	0
>TSHR-S425I SLLALLGNV	9	>TSHR-S425I ILLALLGNV	10	1
>TSHR-S425I SLLALLGNVFI	5	>TSHR-S425I ILLALLGNVFI	5	0
>TSHR-S425I SLLALLGNV	5	>TSHR-S425I ILLALLGNV	7	2
>TSHR-S425I SLLALLGNVFI	4	>TSHR-S425I ILLALLGNVFI	5	1
>TSHR-S425I SLLALLGNV	13	>TSHR-S425I ILLALLGNV	4	9
>TSHR-S425I SLLALLGNVFI	4	>TSHR-S425I ILLALLGNVFI	2	2
>TSHR-S425I SLLALLGNV	2	>TSHR-S425I ILLALLGNV	3	1
>TSHR-S425I SLLALLGNVFI	2	>TSHR-S425I ILLALLGNVFI	2	0
>TSHR-S425I SLLALLGNVFI	495	>TSHR-S425I ILLALLGNVFI	1603	1108
>TSHR-S425I SLLALLGNV	33	>TSHR-S425I ILLALLGNV	387	354
>TSHR-S425I SLLALLGNVFI	23	>TSHR-S425I ILLALLGNVFI	230	207
>TSHR-S425I SLLALLGNVFI	116	>TSHR-S425I ILLALLGNVFI	140	24
>TSHR-S425I SLLALLGNVFI	123	>TSHR-S425I ILLALLGNVFI	230	107
>TSHR-S425I SLLALLGNVFI	127	>TSHR-S425I ILLALLGNVFI	44	83
>TSHR-S425I V SLLALLGNV	1331	>TSHR-S425I V ILLALLGNV	165	1166
>TSHR-S425I V SLLALLGNV	1195	>TSHR-S425I V ILLALLGNV	103	1092
>TSHR-S425I V SLLALLGNV	381	>TSHR-S425I V ILLALLGNV	78	303
>TSHR-S425I V SLLALLGNV	3637	>TSHR-S425I V ILLALLGNV	31	3606
>TSHR-S425I V SLLALLGNV	13869	>TSHR-S425I V ILLALLGNV	293	13576

>TSHR-S425I·VSL LALLGNV	5545	>TSHR-S425I·VILLALLGNV	38	5507
>TSHR-S425I·VSL LALLGNV	12893	>TSHR-S425I·VILLALLGNV	38	12855
>TSHR-S425I·VSL LALLGNV	14754	>TSHR-S425I·VILLALLGNV	27	14727
>TSHR-S425I·VSL LALLGNV	955	>TSHR-S425I·VILLALLGNV	281	674
>TSHR-S425I·VSL LALLGNV	71	>TSHR-S425I·VILLALLGNVF	349	278
>TSHR-S425I·VSL LALLGNV	463	>TSHR-S425I·VILLALLGNV	15752	15289
>TSHR-S425I·VSL LALLGNV	7	>TSHR-S425I·VILLALLGNVF	1151	1144
>TSHR-S425I·VSL LALLGNV	172	>TSHR-S425I·VILLALLGNVF	5825	5653
>TSHR-S425I·VSL LALLGNV	45	>TSHR-S425I·VILLALLGNVF	576	531
>TSHR-S425I·KFLRIVVWFV	27774	>TSHR-S425I·KFLRIVVWFV	275	27499
>TSHR-S425I·KFLRIVVWFV	8630	>TSHR-S425I·KFLRIVVWFV	41	8589
>TSHR-S425I·KFLRIVVWFV	4573	>TSHR-S425I·KFLRIVVWFV	44	4529
>TSHR-S425I·KFLRIVVWFV	4665	>TSHR-S425I·KFLRIVVWFV	17	4648
>TSHR-S425I·KFLRIVVWFV	1394	>TSHR-S425I·KFLRIVVWFV	118	1276
>TSHR-S425I·KFLRIVVWFV	9064	>TSHR-S425I·KFLRIVVWFV	135	8929
>TSHR-S425I·KFLRIVVWFV	1012	>TSHR-S425I·KFLRIVVWFV	179	833
>TSHR-S425I·FVSL LALL	4482	>TSHR-S425I·FVILLALL	374	4108
>TSHR-S425I·FVSL LALL	186	>TSHR-S425I·FVILLALL	88	98
>TSHR-S425I·FVSL LALLGNV	233	>TSHR-S425I·FVILLALLGNV	94	139
>TSHR-S425I·FVSL LALL	10	>TSHR-S425I·FVILLALL	33	23
>TSHR-S425I·FVSL LALLGNV	21	>TSHR-S425I·FVILLALLGNV	69	48
>TSHR-S425I·FVSL LALL	54	>TSHR-S425I·FVILLALL	56	2
>TSHR-S425I·FVSL LALLGNV	14	>TSHR-S425I·FVILLALLGNV	14	0
>TSHR-S425I·FVSL LALL	41	>TSHR-S425I·FVILLALL	14	27
>TSHR-S425I·FVSL LALLGNV	22	>TSHR-S425I·FVILLALLGNV	8	14
>TSHR-S425I·FVSL LALLGNV	257	>TSHR-S425I·FVILLALLGNV	112	145
>TSHR-S425I·FVSL LALLGNV	957	>TSHR-S425I·FVILLALLGNV	229	728
>TSHR-S425I·FVSL LALLGNV	179	>TSHR-S425I·FVILLALLGNV	212	33
>TSHR-S425I·FVSL LALL	108	>TSHR-S425I·FVILLALL	137	29
>TSHR-S425I·FVSL LALLGNV	26	>TSHR-S425I·FVILLALLGNV	32	6
>TSHR-S425I·FVSL LALL	10910	>TSHR-S425I·FVILLALL	486	10424
>TSHR-S425I·FVSL LALL	65	>TSHR-S425I·FVILLALL	46	19
>TSHR-S425I·FVSL LALLGNV	19	>TSHR-S425I·FVILLALLGNV	15	4
>TSHR-S425I·FVSL LALL	983	>TSHR-S425I·FVILLALL	247	736
>TSHR-S425I·FVSL LALLGNV	76	>TSHR-S425I·FVILLALLGNV	22	54
>TSHR-S425I·WVSL LALL	467	>TSHR-S425I·WVILLALL	884	417
>TSHR-S425I·WVSL LALL	74	>TSHR-S425I·WVILLALL	307	233
>TSHR-S425I·WVSL LALL	238	>TSHR-S425I·WVILLALL	767	529
>TSHR-S425I·WVSL LALL	126	>TSHR-S425I·WVILLALL	446	320
>TSHR-S425I·WVSL LALL	87	>TSHR-S425I·WVILLALL	152	65
>TSHR-S425I·WVSL LALL	126	>TSHR-S425I·WVILLALL	292	166
>TSHR-S425I·WVSL LALL	167	>TSHR-S425I·WVILLALL	1024	857
>TSHR-S425I·VWFVSL LALL	47	>TSHR-S425I·VWFVILLALL	53	6

>TSHR-S425I·VWFVSL LAL	299	>TSHR-S425I·VWFVILLAL	199	100
>TSHR-S425I·VWFVSL LALL	164	>TSHR-S425I·VWFVILLALL	244	80
>TSHR-S425I·VWFVSL LALL	119	>TSHR-S425I·VWFVILLALL	199	80
>TSHR-S425I·VWFVSL LAL	320	>TSHR-S425I·VWFVILLAL	175	145
>TSHR-S425I·VWFVSL LALL	411	>TSHR-S425I·VWFVILLALL	333	78
>TSHR-S425I·VWFVSL LAL	435	>TSHR-S425I·VWFVILLAL	271	164
>TSHR-S425I·VWFVSL LA	143	>TSHR-S425I·VWFVILLA	98	45
>TSHR-S425I·VWFVSL LAL	33	>TSHR-S425I·VWFVILLAL	32	1
>TSHR-S425I·VWFVSL LALL	120	>TSHR-S425I·VWFVILLALL	156	36
>TSHR-S425I·VWFVSL LALL	264	>TSHR-S425I·VWFVILLALL	245	19
>TSHR-S425I·VWFVSL L	110	>TSHR-S425I·VWFVILL	138	28
>TSHR-S425I·VWFVSL LAL	328	>TSHR-S425I·VWFVILLAL	385	57
>TSHR-S425I·VWFVSL L	148	>TSHR-S425I·VWFVILL	73	75
>TSHR-S425I·VWFVSL LA	294	>TSHR-S425I·VWFVILLA	140	154
>TSHR-S425I·VWFVSL LAL	79	>TSHR-S425I·VWFVILLAL	73	6
>TSHR-S425I·VWFVSL LAL	692	>TSHR-S425I·VWFVILLAL	450	242
>TSHR-S425I·VWFVSL LAL	287	>TSHR-S425I·VWFVILLAL	412	125
>TSHR-S425I·VWFVSL L	360	>TSHR-S425I·VWFVILL	364	4
>TSHR-S425I·VWFVSL LAL	371	>TSHR-S425I·VWFVILLAL	329	42
>TSHR-S425I·VWFVSL LAL	201	>TSHR-S425I·VWFVILLAL	245	44
>TSHR-S425I·VWFVSL L	50	>TSHR-S425I·VWFVILL	20	30
>TSHR-S425I·VWFVSL LA	351	>TSHR-S425I·VWFVILLA	58	293
>TSHR-S425I·VWFVSL LAL	60	>TSHR-S425I·VWFVILLAL	23	37
>TSHR-S425I·VWFVSL LAL	51	>TSHR-S425I·VWFVILLAL	27	24
>TSHR-S425I·VWFVSL L	196	>TSHR-S425I·VWFVILL	83	113
>TSHR-S425I·VWFVSL LA	516	>TSHR-S425I·VWFVILLA	304	212
>TSHR-S425I·VWFVSL LAL	314	>TSHR-S425I·VWFVILLAL	192	122
>TSHR-S425I·VWFVSL LAL	174	>TSHR-S425I·VWFVILLAL	136	38
>TSHR-S425I·VWFVSL L	375	>TSHR-S425I·VWFVILL	240	135
>TSHR-S425I·VWFVSL LAL	577	>TSHR-S425I·VWFVILLAL	235	342
>TSHR-S425I·VWFVSL LAL	232	>TSHR-S425I·VWFVILLAL	215	17
>TSHR-S425I·VWFVSL L	245	>TSHR-S425I·VWFVILL	136	109
>TSHR-S425I·VWFVSL LAL	509	>TSHR-S425I·VWFVILLAL	237	272
>TSHR-S425I·VWFVSL LAL	219	>TSHR-S425I·VWFVILLAL	105	114
>TSHR-S425I·VWFVSL L	569	>TSHR-S425I·VWFVILL	420	149
>TSHR-S425I·VWFVSL LAL	126	>TSHR-S425I·VWFVILLAL	99	27
>TSHR-S425I·VWFVSL LAL	479	>TSHR-S425I·VWFVILLAL	896	417
>TSHR-S425I·VWFVSL L	448	>TSHR-S425I·VWFVILL	426	22
>TSHR-S425I·VWFVSL LAL	318	>TSHR-S425I·VWFVILLAL	284	34
>TSHR-S425I·VWFVSL LAL	458	>TSHR-S425I·VWFVILLAL	1645	1187
>TSHR-S425I·VWFVSL LAL	147	>TSHR-S425I·VWFVILLAL	309	162
>TSHR-S425I·VWFVSL LAL	396	>TSHR-S425I·VWFVILLAL	1783	1387
>TSHR-S425I·IVWFVSL	11	>TSHR-S425I·IVWFVIL	52	41

>TSHR-S425I·IVVWFVSLL	27	>TSHR-S425I·IVVWFVILL	48	21
>TSHR-S425I·IVVWFVSLLA	79	>TSHR-S425I·IVVWFVILLAL	101	22
>TSHR-S425I·IVVWFVSL	284	>TSHR-S425I·IVVWFVIL	648	364
>TSHR-S425I·IVVWFVSLL	312	>TSHR-S425I·IVVWFVILL	96	216
>TSHR-S425I·IVVWFVSLLA	762	>TSHR-S425I·IVVWFVILLA	395	367
>TSHR-S425I·IVVWFVSLLA	397	>TSHR-S425I·IVVWFVILLAL	190	207
>TSHR-S425I·IVVWFVSL	183	>TSHR-S425I·IVVWFVIL	664	481
>TSHR-S425I·IVVWFVSLL	77	>TSHR-S425I·IVVWFVILL	167	90
>TSHR-S425I·IVVWFVSLLA	463	>TSHR-S425I·IVVWFVILLA	351	112
>TSHR-S425I·IVVWFVSLLA	287	>TSHR-S425I·IVVWFVILLAL	271	16
>TSHR-S425I·IVVWFVSL	316	>TSHR-S425I·IVVWFVIL	1042	726
>TSHR-S425I·IVVWFVSLL	63	>TSHR-S425I·IVVWFVILL	540	477
>TSHR-S425I·IVVWFVSLLA	374	>TSHR-S425I·IVVWFVILLA	332	42
>TSHR-S425I·IVVWFVSLLA	162	>TSHR-S425I·IVVWFVILLAL	344	182
>TSHR-S425I·IVVWFVSL	29	>TSHR-S425I·IVVWFVIL	66	37
>TSHR-S425I·IVVWFVSLL	56	>TSHR-S425I·IVVWFVILL	64	8
>TSHR-S425I·IVVWFVSLLA	197	>TSHR-S425I·IVVWFVILLA	149	48
>TSHR-S425I·IVVWFVSLLA	30	>TSHR-S425I·IVVWFVILLAL	32	2
>TSHR-S425I·IVVWFVSL	73	>TSHR-S425I·IVVWFVIL	303	230
>TSHR-S425I·IVVWFVSLL	60	>TSHR-S425I·IVVWFVILL	37	23
>TSHR-S425I·IVVWFVSLLA	666	>TSHR-S425I·IVVWFVILLA	239	427
>TSHR-S425I·IVVWFVSLLA	119	>TSHR-S425I·IVVWFVILLAL	87	32
>TSHR-S425I·IVVWFVSL	50	>TSHR-S425I·IVVWFVIL	168	118
>TSHR-S425I·IVVWFVSLL	63	>TSHR-S425I·IVVWFVILL	74	11
>TSHR-S425I·IVVWFVSLLA	194	>TSHR-S425I·IVVWFVILLAL	211	17
>TSHR-S425I·IVVWFVSLLA	277	>TSHR-S425I·IVVWFVILLAL	469	192
>TSHR-S425I·IVVWFVSL	152	>TSHR-S425I·IVVWFVIL	447	295
>TSHR-S425I·IVVWFVSLLA	571	>TSHR-S425I·IVVWFVILLAL	185	386
>TSHR-S425I·IVVWFVSL	193	>TSHR-S425I·IVVWFVIL	581	388
>TSHR-S425I·IVVWFVSLL	160	>TSHR-S425I·IVVWFVILL	200	40
>TSHR-S425I·IVVWFVSLLA	491	>TSHR-S425I·IVVWFVILLA	578	87
>TSHR-S425I·IVVWFVSLLA	857	>TSHR-S425I·IVVWFVILLAL	469	388
>TSHR-S425I·IVVWFVSL	349	>TSHR-S425I·IVVWFVIL	1031	682
>TSHR-S425I·IVVWFVSLL	495	>TSHR-S425I·IVVWFVILL	223	272
>TSHR-S425I·IVVWFVSLLA	518	>TSHR-S425I·IVVWFVILLAL	342	176
>TSHR-S425I·IVVWFVSLLA	163	>TSHR-S425I·IVVWFVILLAL	607	444
>TSHR-S425I·IVVWFVSLL	582	>TSHR-S425I·IVVWFVILL	273	309
>TSHR-S425I·IVVWFVSLL	20	>TSHR-S425I·IVVWFVILL	573	553
>TSHR-S425I·RIVVWFVSL	148	>TSHR-S425I·RIVVWFVIL	357	209
>TSHR-S425I·RIVVWFVSL	283	>TSHR-S425I·RIVVWFVIL	1188	905
>TSHR-S425I·RIVVWFVSLL	993	>TSHR-S425I·RIVVWFVILL	470	523
>TSHR-S425I·RIVVWFVSLL	160	>TSHR-S425I·RIVVWFVILL	204	44
>TSHR-S425I·RIVVWFVSLL	135	>TSHR-S425I·RIVVWFVILL	335	200



>TSHR-S425I·RIVVWFVS	1457	>TSHR-S425I·RIVVWFVI	35	1422
>TSHR-S425I·RIVVWFVSL	25	>TSHR-S425I·RIVVWFVIL	69	44
>TSHR-S425I·RIVVWFVSL	150	>TSHR-S425I·RIVVWFVILL	123	27
>TSHR-S425I·RIVVWFVSL	184	>TSHR-S425I·RIVVWFVILL/	193	9
>TSHR-S425I·RIVVWFVS	10150	>TSHR-S425I·RIVVWFVI	139	10011
>TSHR-S425I·RIVVWFVSL	117	>TSHR-S425I·RIVVWFVIL	759	642
>TSHR-S425I·RIVVWFVSL	142	>TSHR-S425I·RIVVWFVILL	135	7
>TSHR-S425I·RIVVWFVSL	53	>TSHR-S425I·RIVVWFVIL	362	309
>TSHR-S425I·RIVVWFVSL	120	>TSHR-S425I·RIVVWFVILL	186	66
>TSHR-S425I·RIVVWFVS	21140	>TSHR-S425I·RIVVWFVI	499	20641
>TSHR-S425I·RIVVWFVSL	449	>TSHR-S425I·RIVVWFVILL/	824	375
>TSHR-S425I·RIVVWFVS	13046	>TSHR-S425I·RIVVWFVI	154	12892
>TSHR-S425I·RIVVWFVSL	33	>TSHR-S425I·RIVVWFVIL	163	130
>TSHR-S425I·RIVVWFVSL	403	>TSHR-S425I·RIVVWFVILL	232	171
>TSHR-S425I·RIVVWFVSL	250	>TSHR-S425I·RIVVWFVIL	1404	1154
>TSHR-S425I·RIVVWFVSL	336	>TSHR-S425I·RIVVWFVIL	484	148
>TSHR-S425I·RIVVWFVS	15489	>TSHR-S425I·RIVVWFVI	273	15216
>TSHR-S425I·RIVVWFVSL	394	>TSHR-S425I·RIVVWFVIL	861	467
>TSHR-S425I·LRIVVWFVSL	160	>TSHR-S425I·LRIVVWFVIL	215	55
>TSHR-S425I·LRIVVWFVSL	385	>TSHR-S425I·LRIVVWFVILL	662	277
>TSHR-S425I·LRIVVWFVS	588	>TSHR-S425I·LRIVVWFVI	56	532
>TSHR-S425I·LRIVVWFVSL	30	>TSHR-S425I·LRIVVWFVIL	22	8
>TSHR-S425I·LRIVVWFVSL	49	>TSHR-S425I·LRIVVWFVILL	39	10
>TSHR-S425I·LRIVVWFVS	13217	>TSHR-S425I·LRIVVWFVI	375	12842
>TSHR-S425I·LRIVVWFVSL	52	>TSHR-S425I·LRIVVWFVIL	46	6
>TSHR-S425I·LRIVVWFVSL	139	>TSHR-S425I·LRIVVWFVILL	105	34
>TSHR-S425I·LRIVVWFVS	515	>TSHR-S425I·LRIVVWFVI	416	99
>TSHR-S425I·LRIVVWFVS	1941	>TSHR-S425I·LRIVVWFVI	218	1723
>TSHR-S425I·LRIVVWFVSL	500	>TSHR-S425I·LRIVVWFVIL	277	223
>TSHR-S425I·LRIVVWFVSL	58	>TSHR-S425I·LRIVVWFVILL	48	10
>TSHR-S425I·LRIVVWFVS	8347	>TSHR-S425I·LRIVVWFVI	332	8015
>TSHR-S425I·LRIVVWFVSL	91	>TSHR-S425I·LRIVVWFVIL	58	33
>TSHR-S425I·LRIVVWFVSL	9	>TSHR-S425I·LRIVVWFVILL	10	1
>TSHR-S425I·FLRIVVWFVS	2027	>TSHR-S425I·FLRIVVWFVI	184	1843
>TSHR-S425I·FLRIVVWFVS	49	>TSHR-S425I·FLRIVVWFVIL	105	56
>TSHR-S425I·FLRIVVWFVS	2559	>TSHR-S425I·FLRIVVWFVI	94	2465
>TSHR-S425I·FLRIVVWFVS	20	>TSHR-S425I·FLRIVVWFVIL	40	20
>TSHR-S425I·FLRIVVWFVS	4275	>TSHR-S425I·FLRIVVWFVI	349	3926
>TSHR-S425I·FLRIVVWFVS	14	>TSHR-S425I·FLRIVVWFVIL	28	14
>TSHR-S425I·FLRIVVWFVS	116	>TSHR-S425I·FLRIVVWFVIL	243	127
>TSHR-S425I·FLRIVVWFVS	163	>TSHR-S425I·FLRIVVWFVI	3	160
>TSHR-S425I·FLRIVVWFVS	4	>TSHR-S425I·FLRIVVWFVIL	10	6
>TSHR-S425I·FLRIVVWFVS	7907	>TSHR-S425I·FLRIVVWFVI	42	7865

>TSHR-S425I·FLRIVVWFVS	27	>TSHR-S425I·FLRIVVWFVIL	38	11
>TSHR-S425I·FLRIVVWFVS	1226	>TSHR-S425I·FLRIVVWFVI	13	1213
>TSHR-S425I·FLRIVVWFVS	16	>TSHR-S425I·FLRIVVWFVIL	24	8
>TSHR-S425I·FLRIVVWFVS	17054	>TSHR-S425I·FLRIVVWFVI	281	16773
>TSHR-S425I·FLRIVVWFVS	128	>TSHR-S425I·FLRIVVWFVIL	469	341
>TSHR-S425I·FLRIVVWFVS	334	>TSHR-S425I·FLRIVVWFVI	7	327
>TSHR-S425I·FLRIVVWFVS	2	>TSHR-S425I·FLRIVVWFVIL	3	1
>TSHR-S425I·FLRIVVWFVS	27	>TSHR-S425I·FLRIVVWFVIL	49	22
>TSHR-S425I·FLRIVVWFVS	341	>TSHR-S425I·FLRIVVWFVIL	1300	959
>TSHR-S425I·FLRIVVWFVS	160	>TSHR-S425I·FLRIVVWFVIL	265	105
>TSHR-S425I·FLRIVVWFVS	2627	>TSHR-S425I·FLRIVVWFVI	234	2393
>TSHR-S505M·SELSVYTLTVI	335	>TSHR-S505M·NELSVYTLTVI	1751	1416
>TSHR-S505M·SELSVYTL	31	>TSHR-S505M·NELSVYTL	188	157
>TSHR-S505M·SELSVYTLT	551	>TSHR-S505M·NELSVYTLT	344	207
>TSHR-S505M·SELSVYTLTV	19	>TSHR-S505M·NELSVYTLTV	14	5
>TSHR-S505M·SELSVYTLTVI	7	>TSHR-S505M·NELSVYTLTVI	6	1
>TSHR-S505M·SELSVYTLTV	448	>TSHR-S505M·NELSVYTLTV	3454	3006
>TSHR-S505M·SELSVYTLTV	224	>TSHR-S505M·NELSVYTLTV	4444	4220
>TSHR-S505M·SELSVYTL	81	>TSHR-S505M·NELSVYTL	15	66
>TSHR-S505M·SELSVYTLTVI	1365	>TSHR-S505M·NELSVYTLTVI	130	1235
>TSHR-S505M·SELSVYTL	159	>TSHR-S505M·NELSVYTL	74	85
>TSHR-S505M·SELSVYTL	20	>TSHR-S505M·NELSVYTL	64	44
>TSHR-S505M·SELSVYTLTVI	52	>TSHR-S505M·NELSVYTLTVI	278	226
>TSHR-S505M·SELSVYTL	54	>TSHR-S505M·NELSVYTL	177	123
>TSHR-S505M·SELSVYTLTV	146	>TSHR-S505M·NELSVYTLTV	297	151
>TSHR-S505M·SELSVYTLTVI	129	>TSHR-S505M·NELSVYTLTVI	390	261
>TSHR-S505M·SELSVYTL	388	>TSHR-S505M·NELSVYTL	551	163
>TSHR-S505M·SELSVYTL	125	>TSHR-S505M·NELSVYTL	139	14
>TSHR-S505M·SELSVYTLTV	127	>TSHR-S505M·NELSVYTLTV	410	283
>TSHR-S505M·SELSVYTL	287	>TSHR-S505M·NELSVYTL	895	608
>TSHR-S505M·SELSVYTLT	87	>TSHR-S505M·NELSVYTLT	287	200
>TSHR-S505M·SELSVYTLTV	156	>TSHR-S505M·NELSVYTLTV	909	753
>TSHR-S505M·SELSVYTLTVI	157	>TSHR-S505M·NELSVYTLTVI	486	329
>TSHR-S505M·SELSVYTL	99	>TSHR-S505M·NELSVYTL	231	132
>TSHR-S505M·SELSVYTLT	183	>TSHR-S505M·NELSVYTLT	391	208
>TSHR-S505M·SELSVYTLTV	28	>TSHR-S505M·NELSVYTLTV	29	1
>TSHR-S505M·SELSVYTLTVI	6	>TSHR-S505M·NELSVYTLTVI	10	4
>TSHR-S505M·ASELSVYTL	322	>TSHR-S505M·ANELSVYTL	7701	7379
>TSHR-S505M·ASELSVYTL	8	>TSHR-S505M·ANELSVYTL	12411	12403
>TSHR-S505M·ASELSVYTLTV	143	>TSHR-S505M·ANELSVYTLT	21152	21009
>TSHR-S505M·ASELSVYTL	102	>TSHR-S505M·ANELSVYTL	9223	9121
>TSHR-S505M·ASELSVYTLTV	3574	>TSHR-S505M·ANELSVYTLT	458	3116
>TSHR-S505M·NTAGFFT VFA	34	>TSHR-S505M·NTAGFFT VFA	592	558

>TSHR-S505M FASELSVYTL	113	>TSHR-S505M FANELSVYTL	234	121
>TSHR-S505M FASELSVYT	58	>TSHR-S505M FANELSVYT	115	57
>TSHR-S505M FASELSVYTL	23	>TSHR-S505M FANELSVYTL	64	41
>TSHR-S505M FASELSVYTLT	133	>TSHR-S505M FANELSVYTL	285	152
>TSHR-S505M FASELSVYTL	182	>TSHR-S505M FANELSVYTL	354	172
>TSHR-S505M FASELSVYTLT	654	>TSHR-S505M FANELSVYTL	477	177
>TSHR-S505M FASELSVYT	49	>TSHR-S505M FANELSVYT	81	32
>TSHR-S505M FASELSVYTL	64	>TSHR-S505M FANELSVYTL	113	49
>TSHR-S505M FASELSVYTLT	202	>TSHR-S505M FANELSVYTL	348	146
>TSHR-S505M FASELSVYT	733	>TSHR-S505M FANELSVYT	282	451
>TSHR-S505M FASELSVYTL	48	>TSHR-S505M FANELSVYTL	24	24
>TSHR-S505M FASELSVYTL	97	>TSHR-S505M FANELSVYTL	78	19
>TSHR-S505M FASELSVYTL	252	>TSHR-S505M FANELSVYTL	225	27
>TSHR-S505M FASELSVYTL	213	>TSHR-S505M FANELSVYTL	170	43
>TSHR-S505M FASELSVYTL	108	>TSHR-S505M FANELSVYTL	129	21
>TSHR-S505M FASELSVY	187	>TSHR-S505M FANELSVY	330	143
>TSHR-S505M FASELSVY	382	>TSHR-S505M FANELSVY	395	13
>TSHR-S505M FASELSVYT	238	>TSHR-S505M FANELSVYT	354	116
>TSHR-S505M FASELSVYTL	96	>TSHR-S505M FANELSVYTL	221	125
>TSHR-S505M FASELSVYT	841	>TSHR-S505M FANELSVYT	459	382
>TSHR-S505M FASELSVYTL	147	>TSHR-S505M FANELSVYTL	88	59
>TSHR-S505M FASELSVY	89	>TSHR-S505M FANELSVY	73	16
>TSHR-S505M FASELSVY	110	>TSHR-S505M FANELSVY	103	7
>TSHR-S505M FASELSVYTL	447	>TSHR-S505M FANELSVYTL	475	28
>TSHR-S505M FASELSVY	20	>TSHR-S505M FANELSVY	29	9
>TSHR-S505M FASELSVYTL	56	>TSHR-S505M FANELSVYTL	84	28
>TSHR-S505M FASELSVY	11	>TSHR-S505M FANELSVY	12	1
>TSHR-S505M FASELSVYTL	46	>TSHR-S505M FANELSVYTL	94	48
>TSHR-S505M FASELSVY	89	>TSHR-S505M FANELSVY	81	8
>TSHR-S505M FASELSVY	135	>TSHR-S505M FANELSVY	128	7
>TSHR-S505M FASELSVY	441	>TSHR-S505M FANELSVY	284	157
>TSHR-S505M FASELSVYTL	453	>TSHR-S505M FANELSVYTL	290	163
>TSHR-S505M FASELSVYTL	125	>TSHR-S505M FANELSVYTL	274	149
>TSHR-S505M FASELSVY	109	>TSHR-S505M FANELSVY	116	7
>TSHR-S505M FASELSVYTL	334	>TSHR-S505M FANELSVYTL	349	15
>TSHR-S505M VFASELSVYTL	123	>TSHR-S505M VFANELSVYT	264	141
>TSHR-S505M VFASELSV	391	>TSHR-S505M VFANELSV	335	56
>TSHR-S505M VFASELSVYTL	93	>TSHR-S505M VFANELSVYT	104	11
>TSHR-S505M VFASELSVYTL	232	>TSHR-S505M VFANELSVYT	261	29
>TSHR-S505M VFASELSVYTL	94	>TSHR-S505M VFANELSVYT	105	11
>TSHR-S505M VFASELSVY	290	>TSHR-S505M VFANELSVY	963	673
>TSHR-S505M VFASELSVY	46	>TSHR-S505M VFANELSVY	69	23
>TSHR-S505M VFASELSVY	24	>TSHR-S505M VFANELSVY	35	11

>TSHR-S505MVFASELSVY	45	>TSHR-S505MVFANELSVY	61	16
>TSHR-S505MVFASELSVY	430	>TSHR-S505MVFANELSVY	571	141
>TSHR-S505MVFASELSVYTL	341	>TSHR-S505MVFANELSVYT	544	203
>TSHR-S505MTVFASELSVY	334	>TSHR-S505MTVFANELSVY	255	79
>TSHR-S505MTVFASELSV	159	>TSHR-S505MTVFANELSV	215	56
>TSHR-S505MTVFASELSV	295	>TSHR-S505MTVFANELSV	345	50
>TSHR-S505MTVFASELSV	169	>TSHR-S505MTVFANELSV	287	118
>TSHR-S505MTVFASELSV	48	>TSHR-S505MTVFANELSV	63	15
>TSHR-S505MTVFASELSV	159	>TSHR-S505MTVFANELSV	62	97
>TSHR-S505MTVFASELSV	149	>TSHR-S505MTVFANELSV	184	35
>TSHR-S505MTVFASELSV	20	>TSHR-S505MTVFANELSV	14	6
>TSHR-S505MTVFASELSVY	399	>TSHR-S505MTVFANELSVY	410	11
>TSHR-S505MTVFASELSVY	778	>TSHR-S505MTVFANELSVY	419	359
>TSHR-S505MTVFASELSVY	111	>TSHR-S505MTVFANELSVY	105	6
>TSHR-S505MTVFASELSVY	288	>TSHR-S505MTVFANELSVY	336	48
>TSHR-S505MTVFASELSVY	94	>TSHR-S505MTVFANELSVY	123	29
>TSHR-S505MTVFASELSVY	128	>TSHR-S505MTVFANELSVY	157	29
>TSHR-S505MTVFASELS	205	>TSHR-S505MTVFANELS	200	5
>TSHR-S505MTVFASELSV	12	>TSHR-S505MTVFANELSV	12	0
>TSHR-S505MTVFASELSVY	95	>TSHR-S505MTVFANELSVY	96	1
>TSHR-S505MTVFASELSV	122	>TSHR-S505MTVFANELSV	106	16
>TSHR-S505MTVFASELSVY	72	>TSHR-S505MTVFANELSVY	78	6
>TSHR-S505MTVFASELSVY	80	>TSHR-S505MTVFANELSVY	108	28
>TSHR-S505MTVFASELSVY	104	>TSHR-S505MTVFANELSVY	130	26
>TSHR-S505MTVFASELSVY	183	>TSHR-S505MTVFANELSVY	365	182
>TSHR-S505MTVFASELSVY	51	>TSHR-S505MTVFANELSVY	144	93
>TSHR-S505MTVFASELSV	127	>TSHR-S505MTVFANELSV	131	4
>TSHR-S505MTVFASEL	18	>TSHR-S505MTVFANEL	14	4
>TSHR-S505MTVFASELSV	64	>TSHR-S505MTVFANELSV	75	11
>TSHR-S505MTVFASEL	121	>TSHR-S505MTVFANEL	372	251
>TSHR-S505MTVFASELSV	94	>TSHR-S505MTVFANELSV	138	44
>TSHR-S505MTVFASEL	31	>TSHR-S505MTVFANEL	36	5
>TSHR-S505MTVFASELSV	38	>TSHR-S505MTVFANELSV	46	8
>TSHR-S505MTVFASELSV	75	>TSHR-S505MTVFANELSV	78	3
>TSHR-S505MTVFASELSV	492	>TSHR-S505MTVFANELSV	489	3
>TSHR-S505MTVFASELSV	196	>TSHR-S505MTVFANELSV	410	214
>TSHR-S505MTVFASELSV	69	>TSHR-S505MTVFANELSV	81	12
>TSHR-S505MTVFASELSV\	207	>TSHR-S505MTVFANELSV'	240	33
>TSHR-S505MTVFASELSV\	14	>TSHR-S505MTVFANELSV'	22	8
>TSHR-S505MTVFASEL	279	>TSHR-S505MTVFANEL	290	11
>TSHR-S505MTVFASELSV\	7	>TSHR-S505MTVFANELSV'	6	1
>TSHR-S505MTVFASELSV\	20	>TSHR-S505MTVFANELSV'	25	5
>TSHR-S505MTVFASELSV\	160	>TSHR-S505MTVFANELSV'	153	7

>TSHR-S505MFTVFASELSV\	108	>TSHR-S505MFTVFANELSV'	103	5
>TSHR-S505MFTVFASEL	14	>TSHR-S505MFTVFANEL	10	4
>TSHR-S505MFTVFASELS	47	>TSHR-S505MFTVFANELS	48	1
>TSHR-S505MFTVFASELSV	22	>TSHR-S505MFTVFANELSV	25	3
>TSHR-S505MFTVFASEL	57	>TSHR-S505MFTVFANEL	61	4
>TSHR-S505MFTVFASELSV	28	>TSHR-S505MFTVFANELSV	28	0
>TSHR-S505MFTVFASELSV\	55	>TSHR-S505MFTVFANELSV'	74	19
>TSHR-S505MFTVFASELSV\	177	>TSHR-S505MFTVFANELSV'	210	33
>TSHR-S505MFTVFASEL	7	>TSHR-S505MFTVFANEL	27	20
>TSHR-S505MFTVFASELSV	121	>TSHR-S505MFTVFANELSV	342	221
>TSHR-S505MFTVFASELSV\	5	>TSHR-S505MFTVFANELSV'	6	1
>TSHR-S505MFTVFASELSV\	132	>TSHR-S505MFTVFANELSV'	192	60
>TSHR-S505MFTVFASEL	167	>TSHR-S505MFTVFANEL	115	52
>TSHR-S505MFTVFASEL	312	>TSHR-S505MFTVFANEL	89	223
>TSHR-S505MFTVFASELSV	101	>TSHR-S505MFTVFANELSV	127	26
>TSHR-S505MFTVFASELSV\	4	>TSHR-S505MFTVFANELSV'	4	0
>TSHR-S505MFFTTFASEL	88	>TSHR-S505MFFTTFANEL	39	49
>TSHR-S505MFFTTFASELSV	300	>TSHR-S505MFFTTFANELS\	243	57
>TSHR-S505MFFTTFASELSV	81	>TSHR-S505MFFTTFANELS\	108	27
>TSHR-S505MFFTTFASEL	43	>TSHR-S505MFFTTFANEL	28	15
>TSHR-S505MGFFTTFASEL	64	>TSHR-S505MGFFTTFANEL	52	12
>TSHR-S505MGFFTTFASEL	272	>TSHR-S505MGFFTTFANEL	526	254
>TSHR-S505MAGFFTTFASE	475	>TSHR-S505MAGFFTTFANE	287	188
>TSHR-S505MAGFFTTFASE	381	>TSHR-S505MAGFFTTFANE	1839	1458
>TSHR-S505MAGFFTTFASE	169	>TSHR-S505MAGFFTTFANE	1008	839
>TSHR-T632/TDFICMAPI	103	>TSHR-T632/ADFICMAPI	471	368
>TSHR-T632/TDFICMAPI	127	>TSHR-T632/ADFICMAPI	4520	4393
>TSHR-T632/TDFICMAPISI	391	>TSHR-T632/ADFICMAPISI	98	293
>TSHR-T632/TDFICMAPI	65	>TSHR-T632/ADFICMAPI	29	36
>TSHR-T632/TDFICMAPISI	138	>TSHR-T632/ADFICMAPISI	71	67
>TSHR-T632/TDFICMAPI	76	>TSHR-T632/ADFICMAPI	21	55
>TSHR-T632/TDFICMAPISI	2475	>TSHR-T632/ADFICMAPISI	371	2104
>TSHR-T632/TDFICMAPI	425	>TSHR-T632/ADFICMAPI	1348	923
>TSHR-T632/TDFICMAPI	101	>TSHR-T632/ADFICMAPI	84	17
>TSHR-T632/FTDFICMA	392	>TSHR-T632/FADFICMA	9358	8966
>TSHR-T632/FTDFICMA	343	>TSHR-T632/FADFICMA	1135	792
>TSHR-T632/FTDFICMAPI	378	>TSHR-T632/FADFICMAPI	631	253
>TSHR-T632/FTDFICMA	221	>TSHR-T632/FADFICMA	626	405
>TSHR-T632/FTDFICMAPI	333	>TSHR-T632/FADFICMAPI	627	294
>TSHR-T632/FTDFICMAPI	400	>TSHR-T632/FADFICMAPI	770	370
>TSHR-T632/FTDFICMA	140	>TSHR-T632/FADFICMA	213	73
>TSHR-T632/FTDFICMAPI	83	>TSHR-T632/FADFICMAPI	130	47
>TSHR-T632/FTDFICMA	187	>TSHR-T632/FADFICMA	600	413

>TSHR-T632/FTDFICMAPI	256	>TSHR-T632/FADFICMAPI	996	740
>TSHR-T632/FTDFICMA	194	>TSHR-T632/FADFICMA	1512	1318
>TSHR-T632/FTDFICMAPI	29	>TSHR-T632/FADFICMAPI	124	95
>TSHR-T632/FTDFICMA	119	>TSHR-T632/FADFICMA	659	540
>TSHR-T632/FTDFICMAPI	16	>TSHR-T632/FADFICMAPI	74	58
>TSHR-T632/FTDFICMAPI	185	>TSHR-T632/FADFICMAPI	1167	982
>TSHR-T632/FTDFICMAPI	412	>TSHR-T632/FADFICMAPI	3186	2774
>TSHR-T632/FTDFICMAPI	94	>TSHR-T632/FADFICMAPI	448	354
>TSHR-T632/IAKRMAVLIF	652	>TSHR-T632/IAKRMAVLIF/	26	626
>TSHR-T632/IFTDFICMA	1953	>TSHR-T632/IFADFICMA	203	1750
>TSHR-T632/IFTDFICMAPI	365	>TSHR-T632/IFADFICMAPI	39	326
>TSHR-T632/LIFTDFICM	761	>TSHR-T632/LIFADFICM	366	395
>TSHR-T632/LIFTDFICMA	619	>TSHR-T632/LIFADFICMA	463	156
>TSHR-T632/LIFTDFICMA	181	>TSHR-T632/LIFADFICMA	140	41
>TSHR-T632/LIFTDFICMA	139	>TSHR-T632/LIFADFICMA	94	45
>TSHR-T632/LIFTDFIC	880	>TSHR-T632/LIFADFIC	436	444
>TSHR-T632/LIFTDFICM	319	>TSHR-T632/LIFADFICM	146	173
>TSHR-T632/LIFTDFICMA	109	>TSHR-T632/LIFADFICMA	115	6
>TSHR-T632/LIFTDFICMA	72	>TSHR-T632/LIFADFICMA	32	40
>TSHR-T632/LIFTDFICMA	302	>TSHR-T632/LIFADFICMA	155	147
>TSHR-T632/LIFTDFICMA	52	>TSHR-T632/LIFADFICMA	29	23
>TSHR-T632/LIFTDFICMA	1303	>TSHR-T632/LIFADFICMA	410	893
>TSHR-T632/LIFTDFICM	785	>TSHR-T632/LIFADFICM	201	584
>TSHR-T632/LIFTDFICM	173	>TSHR-T632/LIFADFICM	213	40
>TSHR-T632/VLIFTDFI	68	>TSHR-T632/VLIFADFI	75	7
>TSHR-T632/VLIFTDFICM	428	>TSHR-T632/VLIFADFICM	401	27
>TSHR-T632/VLIFTDFICM/	110	>TSHR-T632/VLIFADFICM/	84	26
>TSHR-T632/VLIFTDFI	29	>TSHR-T632/VLIFADFI	23	6
>TSHR-T632/VLIFTDFICM/	168	>TSHR-T632/VLIFADFICM/	94	74
>TSHR-T632/VLIFTDFI	42	>TSHR-T632/VLIFADFI	51	9
>TSHR-T632/VLIFTDFICM/	62	>TSHR-T632/VLIFADFICM/	52	10
>TSHR-T632/VLIFTDFI	161	>TSHR-T632/VLIFADFI	104	57
>TSHR-T632/VLIFTDFICM/	237	>TSHR-T632/VLIFADFICM/	143	94
>TSHR-T632/VLIFTDFI	13	>TSHR-T632/VLIFADFI	21	8
>TSHR-T632/VLIFTDFICM/	19	>TSHR-T632/VLIFADFICM/	30	11
>TSHR-T632/VLIFTDFI	11	>TSHR-T632/VLIFADFI	18	7
>TSHR-T632/VLIFTDFIC	195	>TSHR-T632/VLIFADFIC	394	199
>TSHR-T632/VLIFTDFICM	185	>TSHR-T632/VLIFADFICM	292	107
>TSHR-T632/VLIFTDFICM/	56	>TSHR-T632/VLIFADFICM/	89	33
>TSHR-T632/VLIFTDFI	30	>TSHR-T632/VLIFADFI	33	3
>TSHR-T632/VLIFTDFICM/	38	>TSHR-T632/VLIFADFICM/	37	1
>TSHR-T632/VLIFTDFI	78	>TSHR-T632/VLIFADFI	131	53
>TSHR-T632/VLIFTDFICM/	542	>TSHR-T632/VLIFADFICM/	474	68

>TSHR-T632/VLIFTDFI	45	>TSHR-T632/VLIFADFI	61	16
>TSHR-T632/VLIFTDFIC	381	>TSHR-T632/VLIFADFIC	455	74
>TSHR-T632/VLIFTDFICM/	14	>TSHR-T632/VLIFADFICM/	15	1
>TSHR-T632/AVLIFTDFI	339	>TSHR-T632/AVLIFADFI	409	70
>TSHR-T632/AVLIFTDFI	201	>TSHR-T632/AVLIFADFI	605	404
>TSHR-T632/AVLIFTDFI	47	>TSHR-T632/AVLIFADFI	55	8
>TSHR-T632/AVLIFTDFI	98	>TSHR-T632/AVLIFADFI	159	61
>TSHR-T632/AVLIFTDFI	264	>TSHR-T632/AVLIFADFI	591	327
>TSHR-T632/AVLIFTDFICM	287	>TSHR-T632/AVLIFADFICM	519	232
>TSHR-T632/AVLIFTDF	63	>TSHR-T632/AVLIFADF	142	79
>TSHR-T632/AVLIFTDFI	238	>TSHR-T632/AVLIFADFI	861	623
>TSHR-T632/AVLIFTDFI	189	>TSHR-T632/AVLIFADFI	294	105
>TSHR-T632/AVLIFTDF	213	>TSHR-T632/AVLIFADF	381	168
>TSHR-T632/AVLIFTDF	424	>TSHR-T632/AVLIFADF	154	270
>TSHR-T632/AVLIFTDFI	226	>TSHR-T632/AVLIFADFI	358	132
>TSHR-T632/MAVLIFTDFI	190	>TSHR-T632/MAVLIFADFI	201	11
>TSHR-T632/MAVLIFTDFI	153	>TSHR-T632/MAVLIFADFI	248	95
>TSHR-T632/MAVLIFTDF	591	>TSHR-T632/MAVLIFADF	313	278
>TSHR-T632/MAVLIFTDFI	76	>TSHR-T632/MAVLIFADFI	58	18
>TSHR-T632/MAVLIFTDFI	304	>TSHR-T632/MAVLIFADFI	283	21
>TSHR-T632/MAVLIFTDF	57	>TSHR-T632/MAVLIFADF	115	58
>TSHR-T632/MAVLIFTDF	85	>TSHR-T632/MAVLIFADF	35	50
>TSHR-T632/MAVLIFTDF	48	>TSHR-T632/MAVLIFADF	43	5
>TSHR-T632/MAVLIFTDF	151	>TSHR-T632/MAVLIFADF	177	26
>TSHR-T632/MAVLIFTD	905	>TSHR-T632/MAVLIFAD	372	533
>TSHR-T632/MAVLIFTDF	406	>TSHR-T632/MAVLIFADF	985	579
>TSHR-T632/MAVLIFTDF	1259	>TSHR-T632/MAVLIFADF	205	1054
>TSHR-T632/RMAVLIFT	161	>TSHR-T632/RMAVLIFA	32	129
>TSHR-T632/RMAVLIFTDF	30	>TSHR-T632/RMAVLIFADF	55	25
>TSHR-T632/RMAVLIFT	75	>TSHR-T632/RMAVLIFA	12	63
>TSHR-T632/RMAVLIFTDF	5	>TSHR-T632/RMAVLIFADF	7	2
>TSHR-T632/RMAVLIFT	150	>TSHR-T632/RMAVLIFA	15	135
>TSHR-T632/RMAVLIFTDF	15	>TSHR-T632/RMAVLIFADF	21	6
>TSHR-T632/RMAVLIFT	289	>TSHR-T632/RMAVLIFA	57	232
>TSHR-T632/RMAVLIFTDF	53	>TSHR-T632/RMAVLIFADF	50	3
>TSHR-T632/RMAVLIFT	75	>TSHR-T632/RMAVLIFA	15	60
>TSHR-T632/RMAVLIFTDF	8	>TSHR-T632/RMAVLIFADF	10	2
>TSHR-T632/RMAVLIFT	1632	>TSHR-T632/RMAVLIFA	97	1535
>TSHR-T632/RMAVLIFTDF	25	>TSHR-T632/RMAVLIFADF	36	11
>TSHR-T632/RMAVLIFT	104	>TSHR-T632/RMAVLIFA	20	84
>TSHR-T632/RMAVLIFTDF	16	>TSHR-T632/RMAVLIFADF	18	2
>TSHR-T632/RMAVLIFT	1587	>TSHR-T632/RMAVLIFA	141	1446
>TSHR-T632/RMAVLIFTDF	19	>TSHR-T632/RMAVLIFADF	38	19

>TSHR-T632/RMAVLIFT	425	>TSHR-T632/RMAVLIFA	42	383
>TSHR-T632/RMAVLIFTDF	89	>TSHR-T632/RMAVLIFADF	142	53
>TSHR-T632/RMAVLIFTDF	185	>TSHR-T632/RMAVLIFADF	148	37
>TSHR-T632/RMAVLIFT	5086	>TSHR-T632/RMAVLIFA	344	4742
>TSHR-T632/RMAVLIFTDF	1462	>TSHR-T632/RMAVLIFADF	425	1037
>TSHR-T632/RMAVLIFTDF	22	>TSHR-T632/RMAVLIFADF	36	14
>TSHR-T632/RMAVLIFTDF	69	>TSHR-T632/RMAVLIFADF	125	56
>TSHR-T632/RMAVLIFTDF	45	>TSHR-T632/RMAVLIFADF	41	4
>TSHR-T632/RMAVLIFTDF	8	>TSHR-T632/RMAVLIFADF	9	1
>TSHR-T632/RMAVLIFTDF	498	>TSHR-T632/RMAVLIFADF	512	14
>TSHR-T632/RMAVLIFTDF	337	>TSHR-T632/RMAVLIFADF	244	93
>TSHR-T632/RMAVLIFTDF	106	>TSHR-T632/RMAVLIFADF	82	24
>TSHR-T632/RMAVLIFTDF	97	>TSHR-T632/RMAVLIFADF	147	50
>TSHR-T632/RMAVLIFTDF	253	>TSHR-T632/RMAVLIFADF	262	9
>TSHR-T632/RMAVLIFTDF	347	>TSHR-T632/RMAVLIFADF	626	279
>TSHR-T632/RMAVLIFTDF	146	>TSHR-T632/RMAVLIFADF	204	58
>TSHR-T632/KRMAVLIFT	2657	>TSHR-T632/KRMAVLIFA	342	2315
>TSHR-T632/KRMAVLIFTD	14	>TSHR-T632/KRMAVLIFAC	22	8
>TSHR-T632/KRMAVLIFT	117	>TSHR-T632/KRMAVLIFA	61	56
>TSHR-T632/KRMAVLIFTD	38	>TSHR-T632/KRMAVLIFAC	38	0
>TSHR-T632/KRMAVLIFT	62	>TSHR-T632/KRMAVLIFA	73	11
>TSHR-T632/KRMAVLIFTD	499	>TSHR-T632/KRMAVLIFAC	659	160
>TSHR-T632/KRMAVLIFTD	45	>TSHR-T632/KRMAVLIFAC	53	8
>TSHR-T632/KRMAVLIFT	678	>TSHR-T632/KRMAVLIFA	266	412
>TSHR-T632/KRMAVLIFTD	28	>TSHR-T632/KRMAVLIFAC	26	2
>TSHR-T632/AKRMAVLIFT	815	>TSHR-T632/AKRMAVLIFA	32	783
>TSHR-T632/AKRMAVLIFT	1484	>TSHR-T632/AKRMAVLIFA	307	1177
>TSHR-T632I TDFICMAPI	103	>TSHR-T632I IDFICMAPI	128	25
>TSHR-T632I TDFICMAPI	127	>TSHR-T632I IDFICMAPI	2435	2308
>TSHR-T632I TDFICMAPISF	391	>TSHR-T632I IDFICMAPISF	82	309
>TSHR-T632I TDFICMAPISF	627	>TSHR-T632I IDFICMAPISF	435	192
>TSHR-T632I TDFICMAPI	65	>TSHR-T632I IDFICMAPI	194	129
>TSHR-T632I TDFICMAPISF	138	>TSHR-T632I IDFICMAPISF	410	272
>TSHR-T632I TDFICMAPI	76	>TSHR-T632I IDFICMAPI	32	44
>TSHR-T632I TDFICMAPI	425	>TSHR-T632I IDFICMAPI	1249	824
>TSHR-T632I TDFICMAPI	101	>TSHR-T632I IDFICMAPI	153	52
>TSHR-T632I FTDFICMA	392	>TSHR-T632I FIDFICMA	9246	8854
>TSHR-T632I FTDFICMA	343	>TSHR-T632I FIDFICMA	70	273
>TSHR-T632I FTDFICMAPI	378	>TSHR-T632I FIDFICMAPI	129	249
>TSHR-T632I FTDFICMA	221	>TSHR-T632I FIDFICMA	61	160
>TSHR-T632I FTDFICMAPI	333	>TSHR-T632I FIDFICMAPI	165	168
>TSHR-T632I FTDFICMA	1277	>TSHR-T632I FIDFICMA	242	1035
>TSHR-T632I FTDFICMAPI	400	>TSHR-T632I FIDFICMAPI	183	217



>TSHR-T632I·FTDFICMA	140	>TSHR-T632I·FIDFICMA	74	66
>TSHR-T632I·FTDFICMAPI	83	>TSHR-T632I·FIDFICMAPI	78	5
>TSHR-T632I·FTDFICMA	187	>TSHR-T632I·FIDFICMA	55	132
>TSHR-T632I·FTDFICMAPI	256	>TSHR-T632I·FIDFICMAPI	58	198
>TSHR-T632I·FTDFICMAPI	654	>TSHR-T632I·FIDFICMAPI	133	521
>TSHR-T632I·FTDFICMA	767	>TSHR-T632I·FIDFICMA	133	634
>TSHR-T632I·FTDFICMAPI	2138	>TSHR-T632I·FIDFICMAPI	334	1804
>TSHR-T632I·FTDFICMAPI	3142	>TSHR-T632I·FIDFICMAPI	291	2851
>TSHR-T632I·FTDFICMA	3658	>TSHR-T632I·FIDFICMA	130	3528
>TSHR-T632I·FTDFICMAPI	9009	>TSHR-T632I·FIDFICMAPI	498	8511
>TSHR-T632I·FTDFICMA	194	>TSHR-T632I·FIDFICMA	1507	1313
>TSHR-T632I·FTDFICMAPI	29	>TSHR-T632I·FIDFICMAPI	113	84
>TSHR-T632I·FTDFICMA	119	>TSHR-T632I·FIDFICMA	477	358
>TSHR-T632I·FTDFICMAPI	16	>TSHR-T632I·FIDFICMAPI	45	29
>TSHR-T632I·FTDFICMAPI	185	>TSHR-T632I·FIDFICMAPI	9979	9794
>TSHR-T632I·FTDFICMAPI	412	>TSHR-T632I·FIDFICMAPI	13889	13477
>TSHR-T632I·FTDFICMAPI	94	>TSHR-T632I·FIDFICMAPI	6313	6219
>TSHR-T632I·IAKRMAVLIFI	652	>TSHR-T632I·IAKRMAVLIFI	28	624
>TSHR-T632I·IFTDFICM	1966	>TSHR-T632I·IFIDFICM	324	1642
>TSHR-T632I·IFTDFICMAPI	1112	>TSHR-T632I·IFIDFICMAPI	275	837
>TSHR-T632I·IFTDFICMAPI	365	>TSHR-T632I·IFIDFICMAPI	147	218
>TSHR-T632I·IFTDFICMAPI	2360	>TSHR-T632I·IFIDFICMAPI	466	1894
>TSHR-T632I·IFTDFICMAPI	2581	>TSHR-T632I·IFIDFICMAPI	367	2214
>TSHR-T632I·LIFTDFICMA	181	>TSHR-T632I·LIFIDFICMA	302	121
>TSHR-T632I·LIFTDFICMA	139	>TSHR-T632I·LIFIDFICMA	226	87
>TSHR-T632I·LIFTDFICM	319	>TSHR-T632I·LIFIDFICM	623	304
>TSHR-T632I·LIFTDFICMA	109	>TSHR-T632I·LIFIDFICMA	125	16
>TSHR-T632I·LIFTDFICMA	72	>TSHR-T632I·LIFIDFICMA	52	20
>TSHR-T632I·LIFTDFICMA	302	>TSHR-T632I·LIFIDFICMA	226	76
>TSHR-T632I·LIFTDFICMA	52	>TSHR-T632I·LIFIDFICMA	54	2
>TSHR-T632I·LIFTDFICM	173	>TSHR-T632I·LIFIDFICM	491	318
>TSHR-T632I·VLIFTDFI	68	>TSHR-T632I·VLIFIDFI	37	31
>TSHR-T632I·VLIFTDFICM	428	>TSHR-T632I·VLIFIDFICM	434	6
>TSHR-T632I·VLIFTDFICMA/	110	>TSHR-T632I·VLIFIDFICMA	59	51
>TSHR-T632I·VLIFTDFI	29	>TSHR-T632I·VLIFIDFI	14	15
>TSHR-T632I·VLIFTDFICMA/	168	>TSHR-T632I·VLIFIDFICMA	55	113
>TSHR-T632I·VLIFTDFI	42	>TSHR-T632I·VLIFIDFI	32	10
>TSHR-T632I·VLIFTDFICMA/	62	>TSHR-T632I·VLIFIDFICMA	46	16
>TSHR-T632I·VLIFTDFI	161	>TSHR-T632I·VLIFIDFI	107	54
>TSHR-T632I·VLIFTDFICMA/	237	>TSHR-T632I·VLIFIDFICMA	195	42
>TSHR-T632I·VLIFTDFI	13	>TSHR-T632I·VLIFIDFI	10	3
>TSHR-T632I·VLIFTDFICMA/	19	>TSHR-T632I·VLIFIDFICMA	19	0
>TSHR-T632I·VLIFTDFI	11	>TSHR-T632I·VLIFIDFI	15	4

>TSHR-T632I·VLIFTDFIC	195	>TSHR-T632I·VLIFIDFIC	337	142
>TSHR-T632I·VLIFTDFICM	185	>TSHR-T632I·VLIFIDFICM	336	151
>TSHR-T632I·VLIFTDFICM/	56	>TSHR-T632I·VLIFIDFICMA	81	25
>TSHR-T632I·VLIFTDFI	30	>TSHR-T632I·VLIFIDFI	25	5
>TSHR-T632I·VLIFTDFICM/	38	>TSHR-T632I·VLIFIDFICMA	41	3
>TSHR-T632I·VLIFTDFI	78	>TSHR-T632I·VLIFIDFI	54	24
>TSHR-T632I·VLIFTDFICM/	542	>TSHR-T632I·VLIFIDFICMA	366	176
>TSHR-T632I·VLIFTDFI	45	>TSHR-T632I·VLIFIDFI	32	13
>TSHR-T632I·VLIFTDFIC	381	>TSHR-T632I·VLIFIDFIC	374	7
>TSHR-T632I·VLIFTDFICM/	14	>TSHR-T632I·VLIFIDFICMA	13	1
>TSHR-T632I·VLIFTDFI	1458	>TSHR-T632I·VLIFIDFI	472	986
>TSHR-T632I·AVLIFTDFI	339	>TSHR-T632I·AVLIFIDFI	758	419
>TSHR-T632I·AVLIFTDFI	530	>TSHR-T632I·AVLIFIDFI	274	256
>TSHR-T632I·AVLIFTDFI	201	>TSHR-T632I·AVLIFIDFI	299	98
>TSHR-T632I·AVLIFTDFI	47	>TSHR-T632I·AVLIFIDFI	38	9
>TSHR-T632I·AVLIFTDFI	98	>TSHR-T632I·AVLIFIDFI	26	72
>TSHR-T632I·AVLIFTDFI	264	>TSHR-T632I·AVLIFIDFI	128	136
>TSHR-T632I·AVLIFTDFICM	287	>TSHR-T632I·AVLIFIDFICM	261	26
>TSHR-T632I·AVLIFTDF	63	>TSHR-T632I·AVLIFIDF	138	75
>TSHR-T632I·AVLIFTDFI	238	>TSHR-T632I·AVLIFIDFI	1732	1494
>TSHR-T632I·AVLIFTDFI	189	>TSHR-T632I·AVLIFIDFI	382	193
>TSHR-T632I·AVLIFTDF	213	>TSHR-T632I·AVLIFIDF	354	141
>TSHR-T632I·AVLIFTDF	424	>TSHR-T632I·AVLIFIDF	522	98
>TSHR-T632I·AVLIFTDFI	226	>TSHR-T632I·AVLIFIDFI	521	295
>TSHR-T632I·MAVLIFTDFI	190	>TSHR-T632I·MAVLIFIDFI	429	239
>TSHR-T632I·MAVLIFTDFI	539	>TSHR-T632I·MAVLIFIDFI	470	69
>TSHR-T632I·MAVLIFTDFI	153	>TSHR-T632I·MAVLIFIDFI	119	34
>TSHR-T632I·MAVLIFTDF	591	>TSHR-T632I·MAVLIFIDF	455	136
>TSHR-T632I·MAVLIFTDFI	76	>TSHR-T632I·MAVLIFIDFI	87	11
>TSHR-T632I·MAVLIFTDFI	304	>TSHR-T632I·MAVLIFIDFI	337	33
>TSHR-T632I·MAVLIFTDF	57	>TSHR-T632I·MAVLIFIDF	105	48
>TSHR-T632I·MAVLIFTDF	85	>TSHR-T632I·MAVLIFIDF	144	59
>TSHR-T632I·MAVLIFTDF	48	>TSHR-T632I·MAVLIFIDF	28	20
>TSHR-T632I·MAVLIFTDF	151	>TSHR-T632I·MAVLIFIDF	140	11
>TSHR-T632I·MAVLIFTDF	406	>TSHR-T632I·MAVLIFIDF	2647	2241
>TSHR-T632I·RMAVLIFT	161	>TSHR-T632I·RMAVLIFI	21	140
>TSHR-T632I·RMAVLIFTDF	30	>TSHR-T632I·RMAVLIFIDFI	25	5
>TSHR-T632I·RMAVLIFT	75	>TSHR-T632I·RMAVLIFI	8	67
>TSHR-T632I·RMAVLIFTDF	5	>TSHR-T632I·RMAVLIFIDFI	6	1
>TSHR-T632I·RMAVLIFT	150	>TSHR-T632I·RMAVLIFI	13	137
>TSHR-T632I·RMAVLIFTDF	15	>TSHR-T632I·RMAVLIFIDFI	14	1
>TSHR-T632I·RMAVLIFT	289	>TSHR-T632I·RMAVLIFI	38	251
>TSHR-T632I·RMAVLIFTDF	53	>TSHR-T632I·RMAVLIFIDFI	45	8

>TSHR-T632I RMAVLIFT	75	>TSHR-T632I RMAVLIFI	6	69
>TSHR-T632I RMAVLIFTDF	8	>TSHR-T632I RMAVLIFIDFI	7	1
>TSHR-T632I RMAVLIFT	1632	>TSHR-T632I RMAVLIFI	24	1608
>TSHR-T632I RMAVLIFTDF	25	>TSHR-T632I RMAVLIFIDFI	27	2
>TSHR-T632I RMAVLIFT	104	>TSHR-T632I RMAVLIFI	13	91
>TSHR-T632I RMAVLIFTDF	16	>TSHR-T632I RMAVLIFIDFI	15	1
>TSHR-T632I RMAVLIFT	1587	>TSHR-T632I RMAVLIFI	25	1562
>TSHR-T632I RMAVLIFTDF	19	>TSHR-T632I RMAVLIFIDFI	22	3
>TSHR-T632I RMAVLIFT	425	>TSHR-T632I RMAVLIFI	40	385
>TSHR-T632I RMAVLIFTDF	89	>TSHR-T632I RMAVLIFIDFI	73	16
>TSHR-T632I RMAVLIFTDF	185	>TSHR-T632I RMAVLIFIDF	143	42
>TSHR-T632I RMAVLIFT	5086	>TSHR-T632I RMAVLIFI	359	4727
>TSHR-T632I RMAVLIFT	10895	>TSHR-T632I RMAVLIFI	176	10719
>TSHR-T632I RMAVLIFTDF	22	>TSHR-T632I RMAVLIFIDF	30	8
>TSHR-T632I RMAVLIFTDF	69	>TSHR-T632I RMAVLIFIDFI	214	145
>TSHR-T632I RMAVLIFTDF	45	>TSHR-T632I RMAVLIFIDF	60	15
>TSHR-T632I RMAVLIFT	6683	>TSHR-T632I RMAVLIFI	401	6282
>TSHR-T632I RMAVLIFTDF	8	>TSHR-T632I RMAVLIFIDF	10	2
>TSHR-T632I RMAVLIFTDF	498	>TSHR-T632I RMAVLIFIDFI	492	6
>TSHR-T632I RMAVLIFTDF	337	>TSHR-T632I RMAVLIFIDF	619	282
>TSHR-T632I RMAVLIFT	13559	>TSHR-T632I RMAVLIFI	104	13455
>TSHR-T632I RMAVLIFTDF	106	>TSHR-T632I RMAVLIFIDF	116	10
>TSHR-T632I RMAVLIFTDF	97	>TSHR-T632I RMAVLIFIDFI	128	31
>TSHR-T632I RMAVLIFTDF	253	>TSHR-T632I RMAVLIFIDF	150	103
>TSHR-T632I RMAVLIFTDF	347	>TSHR-T632I RMAVLIFIDFI	355	8
>TSHR-T632I RMAVLIFT	35436	>TSHR-T632I RMAVLIFI	168	35268
>TSHR-T632I RMAVLIFTDF	146	>TSHR-T632I RMAVLIFIDFI	230	84
>TSHR-T632I KRMAVLIFT	18092	>TSHR-T632I KRMAVLIFI	348	17744
>TSHR-T632I KRMAVLIFT	2657	>TSHR-T632I KRMAVLIFI	234	2423
>TSHR-T632I KRMAVLIFT	5427	>TSHR-T632I KRMAVLIFI	444	4983
>TSHR-T632I KRMAVLIFTD	14	>TSHR-T632I KRMAVLIFIDI	20	6
>TSHR-T632I KRMAVLIFT	117	>TSHR-T632I KRMAVLIFI	19	98
>TSHR-T632I KRMAVLIFTD	38	>TSHR-T632I KRMAVLIFIDI	34	4
>TSHR-T632I KRMAVLIFT	62	>TSHR-T632I KRMAVLIFI	24	38
>TSHR-T632I KRMAVLIFTD	499	>TSHR-T632I KRMAVLIFID	466	33
>TSHR-T632I KRMAVLIFTD	45	>TSHR-T632I KRMAVLIFIDI	40	5
>TSHR-T632I KRMAVLIFT	678	>TSHR-T632I KRMAVLIFI	20	658
>TSHR-T632I KRMAVLIFTD	28	>TSHR-T632I KRMAVLIFIDI	18	10
>TSHR-T632I AKRMAVLIFT	815	>TSHR-T632I AKRMAVLIFI	36	779
>TSHR-T632I AKRMAVLIFT	1484	>TSHR-T632I AKRMAVLIFI	46	1438
>TSHR-T632I AKRMAVLIFT	12289	>TSHR-T632I AKRMAVLIFI	201	12088
>TSHR-V597F VCCCHVKIYI	2149	>TSHR-V597F FCCCHVKIYI	457	1692
>TSHR-V597F VCCCHVKIY	837	>TSHR-V597F FCCCHVKIY	287	550

>TSHR-V597FVCCCHVKIY	967	>TSHR-V597FVCCCHVKIY	301	666
>TSHR-V597FIVCCCHVKIYI	398	>TSHR-V597FIFCCCHVKIYI	4621	4223
>TSHR-V597FIVCCCHVK	56	>TSHR-V597FIFCCCHVK	1384	1328
>TSHR-V597FIVCCCHVK	6860	>TSHR-V597FIFCCCHVK	392	6468
>TSHR-V597FIVCCCHVKI	1266	>TSHR-V597FIFCCCHVKI	59	1207
>TSHR-V597FIVCCCHVKIYI	4371	>TSHR-V597FIFCCCHVKIYI	278	4093
>TSHR-V597FIVCCCHVKI	5763	>TSHR-V597FIFCCCHVKI	424	5339
>TSHR-V597FIVCCCHVKIY	297	>TSHR-V597FIFCCCHVKIY	6288	5991
>TSHR-V597FIVCCCHVKIY	1630	>TSHR-V597FIFCCCHVKIY	228	1402
>TSHR-V597FIVCCCHVK	743	>TSHR-V597FIFCCCHVK	390	353
>TSHR-V597FIVCCCHVK	151	>TSHR-V597FIFCCCHVK	2141	1990
>TSHR-V597FIVCCCHVKIYI	260	>TSHR-V597FIFCCCHVKIYI	14678	14418
>TSHR-V597FIVCCCHVKIY	499	>TSHR-V597FIFCCCHVKIY	3415	2916
>TSHR-V597FIVCCCHVKIY	295	>TSHR-V597FIFCCCHVKIY	954	659
>TSHR-V597FIVCCCHVK	841	>TSHR-V597FIFCCCHVK	94	747
>TSHR-V597FLTLNIVAFVIV	168	>TSHR-V597FLTLNIVAFVIF	14984	14816
>TSHR-V597FLTLNIVAFVIV	399	>TSHR-V597FLTLNIVAFVIF	5893	5494
>TSHR-V597FLTLNIVAFVIV	355	>TSHR-V597FLTLNIVAFVIF	15978	15623
>TSHR-V597FLTLNIVAFVIV	19	>TSHR-V597FLTLNIVAFVIF	1078	1059
>TSHR-V597FLTLNIVAFVIV	36	>TSHR-V597FLTLNIVAFVIF	10230	10194
>TSHR-V597FLTLNIVAFVIV	88	>TSHR-V597FLTLNIVAFVIF	15597	15509
>TSHR-V597FLTLNIVAFVIV	40	>TSHR-V597FLTLNIVAFVIF	18353	18313
>TSHR-V597FLTLNIVAFVIV	102	>TSHR-V597FLTLNIVAFVIF	17073	16971
>TSHR-V597FLTLNIVAFVIV	53	>TSHR-V597FLTLNIVAFVIF	28286	28233
>TSHR-V597FLTLNIVAFVIV	14436	>TSHR-V597FLTLNIVAFVIF	392	14044
>TSHR-V597FLTLNIVAFVIV	13643	>TSHR-V597FLTLNIVAFVIF	76	13567
>TSHR-V597FLTLNIVAFVIV	1249	>TSHR-V597FLTLNIVAFVIF	66	1183
>TSHR-V597FLTLNIVAFVIV	78	>TSHR-V597FLTLNIVAFVIF	9687	9609
>TSHR-V597FLTLNIVAFVIV	35	>TSHR-V597FLTLNIVAFVIF	8580	8545
>TSHR-V597FLTLNIVAFVIV	9116	>TSHR-V597FLTLNIVAFVIF	300	8816
>TSHR-V597FLTLNIVAFVIV	927	>TSHR-V597FLTLNIVAFVIF	17	910
>TSHR-V597FLTLNIVAFVIV	1850	>TSHR-V597FLTLNIVAFVIF	12	1838
>TSHR-V597FLTLNIVAFVIV	8801	>TSHR-V597FLTLNIVAFVIF	78	8723
>TSHR-V597FLTLNIVAFVIV	750	>TSHR-V597FLTLNIVAFVIF	239	511
>TSHR-V597FLTLNIVAFVIV	86	>TSHR-V597FLTLNIVAFVIF	8	78
>TSHR-V597FVIVCCCHV	844	>TSHR-V597FVIFCCCHV	146	698
>TSHR-V597FVIVCCCHV	308	>TSHR-V597FVIFCCCHV	25	283
>TSHR-V597FVIVCCCHV	247	>TSHR-V597FVIFCCCHV	40	207
>TSHR-V597FVIVCCCHV	75	>TSHR-V597FVIFCCCHV	31	44
>TSHR-V597FVIVCCCHV	19	>TSHR-V597FVIFCCCHV	15	4
>TSHR-V597FVIVCCCHV	114	>TSHR-V597FVIFCCCHV	12	102
>TSHR-V597FVIVCCCHVKI	2093	>TSHR-V597FVIFCCCHVKI	183	1910
>TSHR-V597FVIVCCCHV	125	>TSHR-V597FVIFCCCHV	41	84

>TSHR-V597F VIVCCCHV	145	>TSHR-V597F VIFCCCHV	19	126
>TSHR-V597F VIVCCCHV	390	>TSHR-V597F VIFCCCHV	93	297
>TSHR-V597F VIVCCCHV	14	>TSHR-V597F VIFCCCHV	7	7
>TSHR-V597F VIVCCCHVK	1149	>TSHR-V597F VIFCCCHVK	81	1068
>TSHR-V597F VIVCCCHVK	123	>TSHR-V597F VIFCCCHVK	24	99
>TSHR-V597F VIVCCCHVKIY	172	>TSHR-V597F VIFCCCHVKIY	3935	3763
>TSHR-V597F VIVCCCHVKIY	339	>TSHR-V597F VIFCCCHVKIY	152	187
>TSHR-V597F VIVCCCHVKIY	504	>TSHR-V597F VIFCCCHVKIY	192	312
>TSHR-V597F VIVCCCHVKI	4365	>TSHR-V597F VIFCCCHVKI	200	4165
>TSHR-V597F VIVCCCHVK	432	>TSHR-V597F VIFCCCHVK	93	339
>TSHR-V597F VIVCCCHV	366	>TSHR-V597F VIFCCCHV	107	259
>TSHR-V597F VIVCCCHVKIY	541	>TSHR-V597F VIFCCCHVKIY	202	339
>TSHR-V597F VIVCCCHVKIY	277	>TSHR-V597F VIFCCCHVKIY	41	236
>TSHR-V597F VIVCCCHVKIY	425	>TSHR-V597F VIFCCCHVKIY	111	314
>TSHR-V597F VIVCCCHVKIY	1349	>TSHR-V597F VIFCCCHVKIY	309	1040
>TSHR-V597F VIVCCCHVK	819	>TSHR-V597F VIFCCCHVK	149	670
>TSHR-V597F FVIVCCCHV	24	>TSHR-V597F FVIFCCCHV	15	9
>TSHR-V597F FVIVCCCHVK	150	>TSHR-V597F FVIFCCCHVKI	89	61
>TSHR-V597F FVIVCCCHV	32	>TSHR-V597F FVIFCCCHV	17	15
>TSHR-V597F FVIVCCCHVK	157	>TSHR-V597F FVIFCCCHVKI	87	70
>TSHR-V597F FVIVCCCHV	35	>TSHR-V597F FVIFCCCHV	13	22
>TSHR-V597F FVIVCCCHVK	291	>TSHR-V597F FVIFCCCHVKI	96	195
>TSHR-V597F FVIVCCCHV	4	>TSHR-V597F FVIFCCCHV	4	0
>TSHR-V597F FVIVCCCHVK	28	>TSHR-V597F FVIFCCCHVKI	31	3
>TSHR-V597F FVIVCCCHV	283	>TSHR-V597F FVIFCCCHV	130	153
>TSHR-V597F FVIVCCCHV	58	>TSHR-V597F FVIFCCCHV	47	11
>TSHR-V597F FVIVCCCHV	36	>TSHR-V597F FVIFCCCHV	50	14
>TSHR-V597F FVIVCCCHV	220	>TSHR-V597F FVIFCCCHV	125	95
>TSHR-V597F FVIVCCCHV	6	>TSHR-V597F FVIFCCCHV	6	0
>TSHR-V597F FVIVCCCHVK	296	>TSHR-V597F FVIFCCCHVK	57	239
>TSHR-V597F FVIVCCCHVK	105	>TSHR-V597F FVIFCCCHVK	36	69
>TSHR-V597F FVIVCCCHVK	359	>TSHR-V597F FVIFCCCHVKI	297	62
>TSHR-V597F FVIVCCCHVK	733	>TSHR-V597F FVIFCCCHVK	189	544
>TSHR-V597F FVIVCCCHVK	50	>TSHR-V597F FVIFCCCHVK	23	27
>TSHR-V597F FVIVCCCHV	20	>TSHR-V597F FVIFCCCHV	9	11
>TSHR-V597F FVIVCCCHVK	31	>TSHR-V597F FVIFCCCHVKI	12	19
>TSHR-V597F FVIVCCCHV	280	>TSHR-V597F FVIFCCCHV	162	118
>TSHR-V597F FVIVCCCHV	257	>TSHR-V597F FVIFCCCHV	461	204
>TSHR-V597F AFVIVCCCHV	1288	>TSHR-V597F AFVIFCCCHV	457	831
>TSHR-V597F AFVIVCCCHV	358	>TSHR-V597F AFVIFCCCHV	293	65
>TSHR-V597F VAFVIVCCCH	159	>TSHR-V597F VAFVIFCCCH'	76	83
>TSHR-V597F VAFVIVCCCH	113	>TSHR-V597F VAFVIFCCCH'	59	54
>TSHR-V597F VAFVIVCCCH	158	>TSHR-V597F VAFVIFCCCH'	238	80

>TSHR-V597F VAFVIVCCCH	97	>TSHR-V597F VAFVIFCCCH'	147	50
>TSHR-V597F VAFVIVCCCH	59	>TSHR-V597F VAFVIFCCCH'	75	16
>TSHR-V597F VAFVIVCCCH	208	>TSHR-V597F VAFVIFCCCH'	127	81
>TSHR-V597F NIVAFVIV	192	>TSHR-V597F NIVAFVIF	5050	4858
>TSHR-V597F NIVAFVIV	71	>TSHR-V597F NIVAFVIF	12383	12312
>TSHR-V597F NIVAFVIV	26	>TSHR-V597F NIVAFVIF	1903	1877
>TSHR-V597F NIVAFVIV	266	>TSHR-V597F NIVAFVIF	21735	21469
>TSHR-V597F NIVAFVIV	100	>TSHR-V597F NIVAFVIF	29130	29030
>TSHR-V597F NIVAFVIV	8934	>TSHR-V597F NIVAFVIF	265	8669
>TSHR-V597F NIVAFVIV	33	>TSHR-V597F NIVAFVIF	7782	7749
>TSHR-V597F NIVAFVIV	32	>TSHR-V597F NIVAFVIF	13847	13815
>TSHR-V597F NIVAFVIV	5787	>TSHR-V597F NIVAFVIF	232	5555
>TSHR-V597F LNIVAFVIV	708	>TSHR-V597F LNIVAFVIF	412	296
>TSHR-V597F LNIVAFVIV	13981	>TSHR-V597F LNIVAFVIF	254	13727
>TSHR-V597F LNIVAFVIV	8050	>TSHR-V597F LNIVAFVIF	249	7801
>TSHR-V597F LNIVAFVIV	1156	>TSHR-V597F LNIVAFVIF	23	1133
>TSHR-V597F TLNIVAFVIV	383	>TSHR-V597F TLNIVAFVIF	8474	8091
>TSHR-V597F TLNIVAFVIV	305	>TSHR-V597F TLNIVAFVIF	10231	9926
>TSHR-V597F TLNIVAFVIV	109	>TSHR-V597F TLNIVAFVIF	10984	10875
>TSHR-V597F TLNIVAFVIV	424	>TSHR-V597F TLNIVAFVIF	17811	17387
>TSHR-V597F TLNIVAFVIV	14	>TSHR-V597F TLNIVAFVIF	7996	7982
>TSHR-V597F TLNIVAFVIVC	142	>TSHR-V597F TLNIVAFVIFC	52	90
>TSHR-V597F TLNIVAFVIV	27	>TSHR-V597F TLNIVAFVIF	19613	19586
>TSHR-V597F TLNIVAFVIV	11	>TSHR-V597F TLNIVAFVIF	14756	14745
>TSHR-V597F TLNIVAFVIV	43	>TSHR-V597F TLNIVAFVIF	22157	22114
>TSHR-V597F TLNIVAFVIV	6	>TSHR-V597F TLNIVAFVIF	10321	10315
>TSHR-V597F TLNIVAFVIVC	673	>TSHR-V597F TLNIVAFVIFC	317	356
>TSHR-V597F TLNIVAFVIV	5889	>TSHR-V597F TLNIVAFVIF	469	5420
>TSHR-V597F TLNIVAFVIV	455	>TSHR-V597F TLNIVAFVIF	19108	18653
>TSHR-V597F TLNIVAFVIV	10295	>TSHR-V597F TLNIVAFVIF	413	9882
>TSHR-V597F TLNIVAFVIV	5541	>TSHR-V597F TLNIVAFVIF	238	5303
>TSHR-V597L IVCCCHVKI	7962	>TSHR-V597L ILCCCHVKI	399	7563
>TSHR-V597L IVCCCHVKIYI	1974	>TSHR-V597L ILCCCHVKIYI	103	1871
>TSHR-V597L IVCCCHVKI	4261	>TSHR-V597L ILCCCHVKI	159	4102
>TSHR-V597L IVCCCHVKIYI	2356	>TSHR-V597L ILCCCHVKIYI	106	2250
>TSHR-V597L IVCCCHVKI	4129	>TSHR-V597L ILCCCHVKI	465	3664
>TSHR-V597L IVCCCHVKIYI	3107	>TSHR-V597L ILCCCHVKIYI	384	2723
>TSHR-V597L IVCCCHVKI	2880	>TSHR-V597L ILCCCHVKI	59	2821
>TSHR-V597L IVCCCHVKIYI	398	>TSHR-V597L ILCCCHVKIYI	12	386
>TSHR-V597L IVCCCHVKIYI	8801	>TSHR-V597L ILCCCHVKIYI	193	8608
>TSHR-V597L IVCCCHVKI	13264	>TSHR-V597L ILCCCHVKI	140	13124
>TSHR-V597L IVCCCHVKIYI	9284	>TSHR-V597L ILCCCHVKIYI	96	9188
>TSHR-V597L IVCCCHVK	503	>TSHR-V597L ILCCCHVK	162	341

>TSHR-V597I IVCCCHVK	56	>TSHR-V597I ILCCHVK	171	115
>TSHR-V597I IVCCCHVKIY	297	>TSHR-V597I ILCCHVKIY	5347	5050
>TSHR-V597I IVCCCHVK	151	>TSHR-V597I ILCCHVK	1350	1199
>TSHR-V597I IVCCCHVKIYI	260	>TSHR-V597I ILCCHVKIYI	3694	3434
>TSHR-V597I IVCCCHVKIY	499	>TSHR-V597I ILCCHVKIY	205	294
>TSHR-V597I IVCCCHVKIY	295	>TSHR-V597I ILCCHVKIY	59	236
>TSHR-V597I IVCCCHVK	841	>TSHR-V597I ILCCHVK	455	386
>TSHR-V597I LTLNIVAFVIV	168	>TSHR-V597I LTLNIVAFVIL	815	647
>TSHR-V597I LTLNIVAFVIV	399	>TSHR-V597I LTLNIVAFVIL	616	217
>TSHR-V597I LTLNIVAFVIV	355	>TSHR-V597I LTLNIVAFVIL	2068	1713
>TSHR-V597I LTLNIVAFVIV	19	>TSHR-V597I LTLNIVAFVIL	126	107
>TSHR-V597I LTLNIVAFVIV	36	>TSHR-V597I LTLNIVAFVIL	454	418
>TSHR-V597I LTLNIVAFVIV	88	>TSHR-V597I LTLNIVAFVIL	1253	1165
>TSHR-V597I LTLNIVAFVIV	40	>TSHR-V597I LTLNIVAFVIL	903	863
>TSHR-V597I LTLNIVAFVIV	102	>TSHR-V597I LTLNIVAFVIL	1194	1092
>TSHR-V597I LTLNIVAFVIV	53	>TSHR-V597I LTLNIVAFVIL	1824	1771
>TSHR-V597I LTLNIVAFVIV	1249	>TSHR-V597I LTLNIVAFVIL	285	964
>TSHR-V597I LTLNIVAFVIV	78	>TSHR-V597I LTLNIVAFVIL	474	396
>TSHR-V597I LTLNIVAFVIV	35	>TSHR-V597I LTLNIVAFVIL	344	309
>TSHR-V597I LTLNIVAFVIV	927	>TSHR-V597I LTLNIVAFVIL	422	505
>TSHR-V597I LTLNIVAFVIV	1850	>TSHR-V597I LTLNIVAFVIL	73	1777
>TSHR-V597I LTLNIVAFVIV	750	>TSHR-V597I LTLNIVAFVIL	165	585
>TSHR-V597I LTLNIVAFVIV	86	>TSHR-V597I LTLNIVAFVIL	31	55
>TSHR-V597I LTLNIVAFVIV	1088	>TSHR-V597I LTLNIVAFVIL	172	916
>TSHR-V597I VIVCCCHV	308	>TSHR-V597I VILCCCHV	45	263
>TSHR-V597I VIVCCCHV	247	>TSHR-V597I VILCCCHV	488	241
>TSHR-V597I VIVCCCHV	75	>TSHR-V597I VILCCCHV	255	180
>TSHR-V597I VIVCCCHV	19	>TSHR-V597I VILCCCHV	16	3
>TSHR-V597I VIVCCCHV	114	>TSHR-V597I VILCCCHV	18	96
>TSHR-V597I VIVCCCHVKI	2093	>TSHR-V597I VILCCCHVKI	330	1763
>TSHR-V597I VIVCCCHV	125	>TSHR-V597I VILCCCHV	25	100
>TSHR-V597I VIVCCCHV	145	>TSHR-V597I VILCCCHV	19	126
>TSHR-V597I VIVCCCHV	390	>TSHR-V597I VILCCCHV	19	371
>TSHR-V597I VIVCCCHV	14	>TSHR-V597I VILCCCHV	9	5
>TSHR-V597I VIVCCCHVK	1149	>TSHR-V597I VILCCCHVK	406	743
>TSHR-V597I VIVCCCHVK	123	>TSHR-V597I VILCCCHVK	59	64
>TSHR-V597I VIVCCCHVKIY	172	>TSHR-V597I VILCCCHVKIY	1185	1013
>TSHR-V597I VIVCCCHVKIY	339	>TSHR-V597I VILCCCHVKIY	264	75
>TSHR-V597I VIVCCCHVKIY	504	>TSHR-V597I VILCCCHVKIY	432	72
>TSHR-V597I VIVCCCHVK	432	>TSHR-V597I VILCCCHVK	1658	1226
>TSHR-V597I VIVCCCHV	366	>TSHR-V597I VILCCCHV	2053	1687
>TSHR-V597I VIVCCCHVKIY	277	>TSHR-V597I VILCCCHVKIY	186	91
>TSHR-V597I VIVCCCHVKIY	425	>TSHR-V597I VILCCCHVKIY	318	107

>TSHR-V597I VIVCCCHVK	819	>TSHR-V597I VILCCCHVK	354	465
>TSHR-V597I FVIVCCCHV	24	>TSHR-V597I FVILCCCHV	25	1
>TSHR-V597I FVIVCCCHVK	150	>TSHR-V597I FVILCCCHVKI	177	27
>TSHR-V597I FVIVCCCHV	32	>TSHR-V597I FVILCCCHV	37	5
>TSHR-V597I FVIVCCCHVK	157	>TSHR-V597I FVILCCCHVKI	176	19
>TSHR-V597I FVIVCCCHV	35	>TSHR-V597I FVILCCCHV	34	1
>TSHR-V597I FVIVCCCHVK	291	>TSHR-V597I FVILCCCHVKI	251	40
>TSHR-V597I FVIVCCCHV	4	>TSHR-V597I FVILCCCHV	4	0
>TSHR-V597I FVIVCCCHVK	28	>TSHR-V597I FVILCCCHVKI	38	10
>TSHR-V597I FVIVCCCHV	283	>TSHR-V597I FVILCCCHV	384	101
>TSHR-V597I FVIVCCCHV	58	>TSHR-V597I FVILCCCHV	76	18
>TSHR-V597I FVIVCCCHV	36	>TSHR-V597I FVILCCCHV	53	17
>TSHR-V597I FVIVCCCHV	220	>TSHR-V597I FVILCCCHV	222	2
>TSHR-V597I FVIVCCCHV	6	>TSHR-V597I FVILCCCHV	8	2
>TSHR-V597I FVIVCCCHVK	296	>TSHR-V597I FVILCCCHVK	183	113
>TSHR-V597I FVIVCCCHVK	105	>TSHR-V597I FVILCCCHVK	63	42
>TSHR-V597I FVIVCCCHVK	359	>TSHR-V597I FVILCCCHVKI	795	436
>TSHR-V597I FVIVCCCHVK	733	>TSHR-V597I FVILCCCHVK	379	354
>TSHR-V597I FVIVCCCHVK	50	>TSHR-V597I FVILCCCHVK	65	15
>TSHR-V597I FVIVCCCHV	20	>TSHR-V597I FVILCCCHV	21	1
>TSHR-V597I FVIVCCCHVK	31	>TSHR-V597I FVILCCCHVKI	33	2
>TSHR-V597I FVIVCCCHV	280	>TSHR-V597I FVILCCCHV	407	127
>TSHR-V597I FVIVCCCHV	257	>TSHR-V597I FVILCCCHV	226	31
>TSHR-V597I AFVIVCCCHV	358	>TSHR-V597I AFVILCCCHV	308	50
>TSHR-V597I AFVIVCCCHV	942	>TSHR-V597I AFVILCCCHV	495	447
>TSHR-V597I VAFVIVCCCH	159	>TSHR-V597I VAFVILCCCH\	135	24
>TSHR-V597I VAFVIVCCCH	113	>TSHR-V597I VAFVILCCCH\	73	40
>TSHR-V597I VAFVIVCCCH	158	>TSHR-V597I VAFVILCCCH\	209	51
>TSHR-V597I VAFVIVCCCH	97	>TSHR-V597I VAFVILCCCH\	131	34
>TSHR-V597I VAFVIVCCCH	59	>TSHR-V597I VAFVILCCCH\	64	5
>TSHR-V597I VAFVIVCCCH	208	>TSHR-V597I VAFVILCCCH\	259	51
>TSHR-V597I NIVAFVIV	192	>TSHR-V597I NIVAFVIL	307	115
>TSHR-V597I NIVAFVIV	71	>TSHR-V597I NIVAFVIL	724	653
>TSHR-V597I NIVAFVIV	26	>TSHR-V597I NIVAFVIL	194	168
>TSHR-V597I NIVAFVIV	266	>TSHR-V597I NIVAFVIL	3309	3043
>TSHR-V597I NIVAFVIV	100	>TSHR-V597I NIVAFVIL	2612	2512
>TSHR-V597I NIVAFVIV	33	>TSHR-V597I NIVAFVIL	150	117
>TSHR-V597I NIVAFVIV	32	>TSHR-V597I NIVAFVIL	408	376
>TSHR-V597I NIVAFVIV	4295	>TSHR-V597I NIVAFVIL	229	4066
>TSHR-V597I LNIVAFVIV	708	>TSHR-V597I LNIVAFVIL	307	401
>TSHR-V597I TLNIVAFVIV	383	>TSHR-V597I TLNIVAFVIL	1238	855
>TSHR-V597I TLNIVAFVIV	305	>TSHR-V597I TLNIVAFVIL	306	1
>TSHR-V597I TLNIVAFVIV	109	>TSHR-V597I TLNIVAFVIL	469	360



>TSHR-V597I TLNIVAFVIV	424	>TSHR-V597I TLNIVAFVIL	1707	1283
>TSHR-V597I TLNIVAFVIV	14	>TSHR-V597I TLNIVAFVIL	151	137
>TSHR-V597I TLNIVAFVIVC	142	>TSHR-V597I TLNIVAFVILC	135	7
>TSHR-V597I TLNIVAFVIV	27	>TSHR-V597I TLNIVAFVIL	376	349
>TSHR-V597I TLNIVAFVIV	11	>TSHR-V597I TLNIVAFVIL	81	70
>TSHR-V597I TLNIVAFVIV	43	>TSHR-V597I TLNIVAFVIL	1177	1134
>TSHR-V597I TLNIVAFVIV	6	>TSHR-V597I TLNIVAFVIL	39	33
>TSHR-V597I TLNIVAFVIVC	673	>TSHR-V597I TLNIVAFVILC	391	282
>TSHR-V597I TLNIVAFVIV	455	>TSHR-V597I TLNIVAFVIL	4040	3585
>TSHR-V656F VSNSKILLVLF	483	>TSHR-V656F FSNSKILLVLF	1498	1015
>TSHR-V656F VSNSKILLV	4358	>TSHR-V656F FSNSKILLV	126	4232
>TSHR-V656F VSNSKILL	6002	>TSHR-V656F FSNSKILL	247	5755
>TSHR-V656F VSNSKILLV	2434	>TSHR-V656F FSNSKILLV	58	2376
>TSHR-V656F VSNSKILLV	634	>TSHR-V656F FSNSKILLV	37	597
>TSHR-V656F VSNSKILLV	3264	>TSHR-V656F FSNSKILLV	95	3169
>TSHR-V656F VSNSKILLV	1414	>TSHR-V656F FSNSKILLV	221	1193
>TSHR-V656F VSNSKILLV	5809	>TSHR-V656F FSNSKILLV	184	5625
>TSHR-V656F VSNSKILLVLF	1137	>TSHR-V656F FSNSKILLVLF	381	756
>TSHR-V656F VSNSKILLVLF	128	>TSHR-V656F FSNSKILLVLF	36	92
>TSHR-V656F VSNSKILL	120	>TSHR-V656F FSNSKILL	185	65
>TSHR-V656F VSNSKILLVL	43	>TSHR-V656F FSNSKILLVL	72	29
>TSHR-V656F VSNSKILLVLF	7	>TSHR-V656F FSNSKILLVLF	8	1
>TSHR-V656F VSNSKILLVL	259	>TSHR-V656F FSNSKILLVL	254	5
>TSHR-V656F VSNSKILLVLF	44	>TSHR-V656F FSNSKILLVLF	44	0
>TSHR-V656F VSNSKILLVL	533	>TSHR-V656F FSNSKILLVL	490	43
>TSHR-V656F VSNSKILLVLF	207	>TSHR-V656F FSNSKILLVLF	192	15
>TSHR-V656F VSNSKILLVL	728	>TSHR-V656F FSNSKILLVL	382	346
>TSHR-V656F VSNSKILLVLF	61	>TSHR-V656F FSNSKILLVLF	65	4
>TSHR-V656F VSNSKILLVL	502	>TSHR-V656F FSNSKILLVL	327	175
>TSHR-V656F TVSNSKILLV	147	>TSHR-V656F TFSNSKILLV	1673	1526
>TSHR-V656F TVSNSKILLV	56	>TSHR-V656F TFSNSKILLV	1616	1560
>TSHR-V656F TVSNSKILLV	144	>TSHR-V656F TFSNSKILLV	4495	4351
>TSHR-V656F TVSNSKILLV	58	>TSHR-V656F TFSNSKILLV	2391	2333
>TSHR-V656F TVSNSKILLVL	13221	>TSHR-V656F TFSNSKILLVL	408	12813
>TSHR-V656F TVSNSKILL	193	>TSHR-V656F TFSNSKILL	16977	16784
>TSHR-V656F TVSNSKILLV	225	>TSHR-V656F TFSNSKILLV	5464	5239
>TSHR-V656F TVSNSKILLVL	445	>TSHR-V656F TFSNSKILLVL	17998	17553
>TSHR-V656F TVSNSKILLV	374	>TSHR-V656F TFSNSKILLV	11850	11476
>TSHR-V656F TVSNSKILLV	4504	>TSHR-V656F TFSNSKILLV	186	4318
>TSHR-V656F SAILNKPLITV	33	>TSHR-V656F SAILNKPLITF	185	152
>TSHR-V656F SAILNKPLITV	162	>TSHR-V656F SAILNKPLITF	7784	7622
>TSHR-V656F SAILNKPLITV	386	>TSHR-V656F SAILNKPLITF	23848	23462
>TSHR-V656F SAILNKPLITV	300	>TSHR-V656F SAILNKPLITF	32422	32122

>TSHR-V656F SAILNKPLITV	10178	>TSHR-V656F SAILNKPLITF	325	9853
>TSHR-V656F SAILNKPLITV	478	>TSHR-V656F SAILNKPLITF	20275	19797
>TSHR-V656F SAILNKPLITV	144	>TSHR-V656F SAILNKPLITF	15492	15348
>TSHR-V656F SAILNKPLITV	8169	>TSHR-V656F SAILNKPLITF	279	7890
>TSHR-V656F SAILNKPLITV	5079	>TSHR-V656F SAILNKPLITF	17	5062
>TSHR-V656F SAILNKPLITV	12879	>TSHR-V656F SAILNKPLITF	301	12578
>TSHR-V656F ITVSNSKIL	1630	>TSHR-V656F ITFSNSKIL	385	1245
>TSHR-V656F ITVSNSKILLV	1493	>TSHR-V656F ITFSNSKILLV	359	1134
>TSHR-V656F ITVSNSKILLV	1030	>TSHR-V656F ITFSNSKILLV	142	888
>TSHR-V656F ITVSNSKILL	588	>TSHR-V656F ITFSNSKILL	136	452
>TSHR-V656F ITVSNSKILLV	673	>TSHR-V656F ITFSNSKILLV	147	526
>TSHR-V656F ITVSNSKILLV	226	>TSHR-V656F ITFSNSKILLV	96	130
>TSHR-V656F ITVSNSKILLV	177	>TSHR-V656F ITFSNSKILLV	130	47
>TSHR-V656F ITVSNSKILLV	232	>TSHR-V656F ITFSNSKILLV	22	210
>TSHR-V656F ITVSNSKILLV	2932	>TSHR-V656F ITFSNSKILLV	266	2666
>TSHR-V656F ITVSNSKILLV	372	>TSHR-V656F ITFSNSKILLV	77	295
>TSHR-V656F ITVSNSKI	2138	>TSHR-V656F ITFSNSKI	80	2058
>TSHR-V656F ITVSNSKIL	5206	>TSHR-V656F ITFSNSKIL	207	4999
>TSHR-V656F ITVSNSKILL	6323	>TSHR-V656F ITFSNSKILL	472	5851
>TSHR-V656F ITVSNSKI	584	>TSHR-V656F ITFSNSKI	121	463
>TSHR-V656F ITVSNSKILL	759	>TSHR-V656F ITFSNSKILL	465	294
>TSHR-V656F ITVSNSKILLV	201	>TSHR-V656F ITFSNSKILLV	48	153
>TSHR-V656F ITVSNSKILLV	862	>TSHR-V656F ITFSNSKILLV	371	491
>TSHR-V656F ITVSNSKI	952	>TSHR-V656F ITFSNSKI	148	804
>TSHR-V656F ITVSNSKIL	280	>TSHR-V656F ITFSNSKIL	33	247
>TSHR-V656F ITVSNSKILL	1016	>TSHR-V656F ITFSNSKILL	163	853
>TSHR-V656F ITVSNSKILLV	2260	>TSHR-V656F ITFSNSKILLV	415	1845
>TSHR-V656F ITVSNSKI	10	>TSHR-V656F ITFSNSKI	7	3
>TSHR-V656F ITVSNSKIL	8	>TSHR-V656F ITFSNSKIL	6	2
>TSHR-V656F ITVSNSKILL	11	>TSHR-V656F ITFSNSKILL	9	2
>TSHR-V656F ITVSNSKILLV	100	>TSHR-V656F ITFSNSKILLV	68	32
>TSHR-V656F ITVSNSKIL	93	>TSHR-V656F ITFSNSKIL	137	44
>TSHR-V656F ITVSNSKILL	38	>TSHR-V656F ITFSNSKILL	56	18
>TSHR-V656F ITVSNSKILLV	135	>TSHR-V656F ITFSNSKILLV	201	66
>TSHR-V656F ITVSNSKIL	67	>TSHR-V656F ITFSNSKIL	13	54
>TSHR-V656F ITVSNSKILL	198	>TSHR-V656F ITFSNSKILL	158	40
>TSHR-V656F ITVSNSKILLV	157	>TSHR-V656F ITFSNSKILLV	26	131
>TSHR-V656F ITVSNSKI	73	>TSHR-V656F ITFSNSKI	12	61
>TSHR-V656F ITVSNSKIL	1681	>TSHR-V656F ITFSNSKIL	121	1560
>TSHR-V656F ITVSNSKILL	164	>TSHR-V656F ITFSNSKILL	179	15
>TSHR-V656F LITVSNSKILL	894	>TSHR-V656F LITFSNSKILL	485	409
>TSHR-V656F LITVSNSKILL	188	>TSHR-V656F LITFSNSKILL	236	48
>TSHR-V656F LITVSNSK	546	>TSHR-V656F LITFSNSK	306	240

>TSHR-V656F LITVSNSK	251	>TSHR-V656F LITFSNSK	112	139
>TSHR-V656F LITVSNSK	466	>TSHR-V656F LITFSNSK	299	167
>TSHR-V656F LITVSNSK	91	>TSHR-V656F LITFSNSK	43	48
>TSHR-V656F LITVSNSKI	888	>TSHR-V656F LITFSNSKI	358	530
>TSHR-V656F LITVSNSKIL	799	>TSHR-V656F LITFSNSKIL	464	335
>TSHR-V656F PLITVSNSKI	1316	>TSHR-V656F PLITFSNSKI	454	862
>TSHR-V656F KPLITVSNSKI	459	>TSHR-V656F KPLITFSNSKI	355	104
>TSHR-V656F KPLITVSNSKI	308	>TSHR-V656F KPLITFSNSKI	225	83
>TSHR-V656F LNKPLITV	11160	>TSHR-V656F LNKPLITF	307	10853
>TSHR-V656F LNKPLITV	5412	>TSHR-V656F LNKPLITF	130	5282
>TSHR-V656F ILNKPLITV	42	>TSHR-V656F ILNKPLITF	10456	10414
>TSHR-V656F ILNKPLITV	50	>TSHR-V656F ILNKPLITF	4970	4920
>TSHR-V656F ILNKPLITV	8	>TSHR-V656F ILNKPLITF	5696	5688
>TSHR-V656F ILNKPLITV	70	>TSHR-V656F ILNKPLITF	5184	5114
>TSHR-V656F ILNKPLITV	2	>TSHR-V656F ILNKPLITF	353	351
>TSHR-V656F ILNKPLITVS	1391	>TSHR-V656F ILNKPLITFS	454	937
>TSHR-V656F ILNKPLITV	4	>TSHR-V656F ILNKPLITF	7915	7911
>TSHR-V656F ILNKPLITV	8	>TSHR-V656F ILNKPLITF	13725	13717
>TSHR-V656F ILNKPLITV	4	>TSHR-V656F ILNKPLITF	16633	16629
>TSHR-V656F ILNKPLITV	2	>TSHR-V656F ILNKPLITF	2256	2254
>TSHR-V656F ILNKPLITV	3514	>TSHR-V656F ILNKPLITF	135	3379
>TSHR-V656F ILNKPLITV	7552	>TSHR-V656F ILNKPLITF	134	7418
>TSHR-V656F ILNKPLITV	9147	>TSHR-V656F ILNKPLITF	430	8717
>TSHR-V656F ILNKPLITV	1269	>TSHR-V656F ILNKPLITF	21	1248
>TSHR-V656F ILNKPLITV	16908	>TSHR-V656F ILNKPLITF	485	16423
>TSHR-V656F ILNKPLITV	5812	>TSHR-V656F ILNKPLITF	312	5500
>TSHR-V656F ILNKPLITV	14492	>TSHR-V656F ILNKPLITF	403	14089
>TSHR-V656F AILNKPLITV	31	>TSHR-V656F AILNKPLITF	5243	5212
>TSHR-V656F AILNKPLITV	73	>TSHR-V656F AILNKPLITF	6429	6356
>TSHR-V656F AILNKPLITV	25	>TSHR-V656F AILNKPLITF	6741	6716
>TSHR-V656F AILNKPLITV	45	>TSHR-V656F AILNKPLITF	8050	8005
>TSHR-V656F AILNKPLITV	4	>TSHR-V656F AILNKPLITF	2707	2703
>TSHR-V656F AILNKPLITV	17	>TSHR-V656F AILNKPLITF	13896	13879
>TSHR-V656F AILNKPLITV	12	>TSHR-V656F AILNKPLITF	16688	16676
>TSHR-V656F AILNKPLITV	31	>TSHR-V656F AILNKPLITF	19107	19076
>TSHR-V656F AILNKPLITV	7	>TSHR-V656F AILNKPLITF	14443	14436
>TSHR-V656F AILNKPLITV	506	>TSHR-V656F AILNKPLITF	25	481
>TSHR-V656F AILNKPLITV	4760	>TSHR-V656F AILNKPLITF	78	4682
>TSHR-V656F AILNKPLITV	14210	>TSHR-V656F AILNKPLITF	164	14046
>TSHR-V656F AILNKPLITV	7843	>TSHR-V656F AILNKPLITF	407	7436
>TSHR-V656I VSNSKILLVLF	483	>TSHR-V656I ISNSKILLVLF	494	11
>TSHR-V656I VSNSKILLV	634	>TSHR-V656I ISNSKILLV	460	174
>TSHR-V656I VSNSKILLVLF	128	>TSHR-V656I ISNSKILLVLF	59	69

>TSHR-V656I VSNSKILL	120	>TSHR-V656I ISNSKILL	60	60
>TSHR-V656I VSNSKILLVL	43	>TSHR-V656I ISNSKILLVL	22	21
>TSHR-V656I VSNSKILLVLF	7	>TSHR-V656I ISNSKILLVLF	5	2
>TSHR-V656I VSNSKILLVLF	2161	>TSHR-V656I ISNSKILLVLF	492	1669
>TSHR-V656I VSNSKILLVL	259	>TSHR-V656I ISNSKILLVL	127	132
>TSHR-V656I VSNSKILLVLF	44	>TSHR-V656I ISNSKILLVLF	32	12
>TSHR-V656I VSNSKILLVLF	207	>TSHR-V656I ISNSKILLVLF	207	0
>TSHR-V656I VSNSKILLVLF	61	>TSHR-V656I ISNSKILLVLF	34	27
>TSHR-V656I VSNSKILLVL	502	>TSHR-V656I ISNSKILLVL	296	206
>TSHR-V656I TVSNSKILLV	679	>TSHR-V656I TISNSKILLV	260	419
>TSHR-V656I TVSNSKILLV	147	>TSHR-V656I TISNSKILLV	93	54
>TSHR-V656I TVSNSKILLV	56	>TSHR-V656I TISNSKILLV	35	21
>TSHR-V656I TVSNSKILLV	144	>TSHR-V656I TISNSKILLV	137	7
>TSHR-V656I TVSNSKILLV	886	>TSHR-V656I TISNSKILLV	275	611
>TSHR-V656I TVSNSKILLV	900	>TSHR-V656I TISNSKILLV	271	629
>TSHR-V656I TVSNSKILLV	58	>TSHR-V656I TISNSKILLV	20	38
>TSHR-V656I TVSNSKILL	193	>TSHR-V656I TISNSKILL	1078	885
>TSHR-V656I TVSNSKILLV	225	>TSHR-V656I TISNSKILLV	474	249
>TSHR-V656I TVSNSKILLVL	445	>TSHR-V656I TISNSKILLVL	1812	1367
>TSHR-V656I TVSNSKILLV	374	>TSHR-V656I TISNSKILLV	722	348
>TSHR-V656I SAILNKPLITV	33	>TSHR-V656I SAILNKPLITI	11	22
>TSHR-V656I SAILNKPLITV	162	>TSHR-V656I SAILNKPLITI	1453	1291
>TSHR-V656I SAILNKPLITV	386	>TSHR-V656I SAILNKPLITI	4329	3943
>TSHR-V656I SAILNKPLITV	300	>TSHR-V656I SAILNKPLITI	13152	12852
>TSHR-V656I SAILNKPLITV	478	>TSHR-V656I SAILNKPLITI	2238	1760
>TSHR-V656I SAILNKPLITV	144	>TSHR-V656I SAILNKPLITI	1165	1021
>TSHR-V656I SAILNKPLITV	9276	>TSHR-V656I SAILNKPLITI	236	9040
>TSHR-V656I ITVSNSKILLV	1030	>TSHR-V656I ITISNSKILLV	303	727
>TSHR-V656I ITVSNSKILL	588	>TSHR-V656I ITISNSKILL	311	277
>TSHR-V656I ITVSNSKILLV	673	>TSHR-V656I ITISNSKILLV	470	203
>TSHR-V656I ITVSNSKILLV	226	>TSHR-V656I ITISNSKILLV	104	122
>TSHR-V656I ITVSNSKILLV	177	>TSHR-V656I ITISNSKILLV	114	63
>TSHR-V656I ITVSNSKILLV	232	>TSHR-V656I ITISNSKILLV	153	79
>TSHR-V656I ITVSNSKILLV	372	>TSHR-V656I ITISNSKILLV	277	95
>TSHR-V656I ITVSNSKI	584	>TSHR-V656I ITISNSKI	279	305
>TSHR-V656I ITVSNSKILLV	201	>TSHR-V656I ITISNSKILLV	101	100
>TSHR-V656I ITVSNSKIL	280	>TSHR-V656I ITISNSKIL	181	99
>TSHR-V656I ITVSNSKI	10	>TSHR-V656I ITISNSKI	11	1
>TSHR-V656I ITVSNSKIL	8	>TSHR-V656I ITISNSKIL	8	0
>TSHR-V656I ITVSNSKILL	11	>TSHR-V656I ITISNSKILL	12	1
>TSHR-V656I ITVSNSKILLV	100	>TSHR-V656I ITISNSKILLV	118	18
>TSHR-V656I ITVSNSKIL	93	>TSHR-V656I ITISNSKIL	220	127
>TSHR-V656I ITVSNSKILL	38	>TSHR-V656I ITISNSKILL	79	41

>TSHR-V656I ITVSNSKILLV	135	>TSHR-V656I ITISNSKILLV	292	157
>TSHR-V656I ITVSNSKIL	67	>TSHR-V656I ITISNSKIL	110	43
>TSHR-V656I ITVSNSKILL	198	>TSHR-V656I ITISNSKILL	122	76
>TSHR-V656I ITVSNSKILLV	157	>TSHR-V656I ITISNSKILLV	256	99
>TSHR-V656I ITVSNSKI	73	>TSHR-V656I ITISNSKI	51	22
>TSHR-V656I ITVSNSKILL	164	>TSHR-V656I ITISNSKILL	202	38
>TSHR-V656I LITVSNSKILL	188	>TSHR-V656I LITISNSKILL	126	62
>TSHR-V656I LITVSNSK	251	>TSHR-V656I LITISNSK	289	38
>TSHR-V656I LITVSNSK	466	>TSHR-V656I LITISNSK	596	130
>TSHR-V656I LITVSNSK	91	>TSHR-V656I LITISNSK	89	2
>TSHR-V656I KPLITVSNSKI	459	>TSHR-V656I KPLITISNSKI	508	49
>TSHR-V656I KPLITVSNSKI	308	>TSHR-V656I KPLITISNSKI	254	54
>TSHR-V656I LNKPLITV	12663	>TSHR-V656I LNKPLITI	310	12353
>TSHR-V656I ILNKPLITV	42	>TSHR-V656I ILNKPLITI	204	162
>TSHR-V656I ILNKPLITV	50	>TSHR-V656I ILNKPLITI	249	199
>TSHR-V656I ILNKPLITV	8	>TSHR-V656I ILNKPLITI	29	21
>TSHR-V656I ILNKPLITV	70	>TSHR-V656I ILNKPLITI	712	642
>TSHR-V656I ILNKPLITV	2	>TSHR-V656I ILNKPLITI	5	3
>TSHR-V656I ILNKPLITV	4	>TSHR-V656I ILNKPLITI	24	20
>TSHR-V656I ILNKPLITV	8	>TSHR-V656I ILNKPLITI	63	55
>TSHR-V656I ILNKPLITV	4	>TSHR-V656I ILNKPLITI	147	143
>TSHR-V656I ILNKPLITV	2	>TSHR-V656I ILNKPLITI	16	14
>TSHR-V656I ILNKPLITV	3514	>TSHR-V656I ILNKPLITI	185	3329
>TSHR-V656I AILNKPLITV	31	>TSHR-V656I AILNKPLITI	159	128
>TSHR-V656I AILNKPLITV	73	>TSHR-V656I AILNKPLITI	135	62
>TSHR-V656I AILNKPLITV	25	>TSHR-V656I AILNKPLITI	66	41
>TSHR-V656I AILNKPLITV	45	>TSHR-V656I AILNKPLITI	115	70
>TSHR-V656I AILNKPLITV	4	>TSHR-V656I AILNKPLITI	27	23
>TSHR-V656I AILNKPLITV	17	>TSHR-V656I AILNKPLITI	228	211
>TSHR-V656I AILNKPLITV	12	>TSHR-V656I AILNKPLITI	217	205
>TSHR-V656I AILNKPLITV	31	>TSHR-V656I AILNKPLITI	1495	1464
>TSHR-V656I AILNKPLITV	7	>TSHR-V656I AILNKPLITI	439	432
>TSHR-V656I AILNKPLITV	506	>TSHR-V656I AILNKPLITI	28	478
>TTL-C91F-w CTWFPESYV	1220	>TTL-C91F-m FTWFPESYV	21	1199
>TTL-C91F-w CTWFPESYV	2282	>TTL-C91F-m FTWFPESYV	91	2191
>TTL-C91F-w CTWFPESYVI	3582	>TTL-C91F-m FTWFPESYVI	318	3264
>TTL-C91F-w CTWFPESYV	3635	>TTL-C91F-m FTWFPESYV	227	3408
>TTL-C91F-w CTWFPESYV	2834	>TTL-C91F-m FTWFPESYV	36	2798
>TTL-C91F-w CTWFPESYVI	1428	>TTL-C91F-m FTWFPESYVI	67	1361
>TTL-C91F-w CTWFPESYV	29	>TTL-C91F-m FTWFPESYV	2	27
>TTL-C91F-w CTWFPESYVI	1395	>TTL-C91F-m FTWFPESYVI	17	1378
>TTL-C91F-w CTWFPESYV	1178	>TTL-C91F-m FTWFPESYV	28	1150
>TTL-C91F-w CTWFPESYVI	3105	>TTL-C91F-m FTWFPESYVI	132	2973

>TTL-C91F-w CTWFPESYV	823	>TTL-C91F-m FTWFPESYV	11	812
>TTL-C91F-w CTWFPESYVI	10142	>TTL-C91F-m FTWFPESYVI	304	9838
>TTL-C91F-w CTWFPESYV	341	>TTL-C91F-m FTWFPESYV	41	300
>TTL-C91F-w CTWFPESYV	1215	>TTL-C91F-m FTWFPESYV	16	1199
>TTL-C91F-w CTWFPESY	274	>TTL-C91F-m FTWFPESY	151	123
>TTL-C91F-w CTWFPESYVI'	369	>TTL-C91F-m FTWFPESYVI'	210	159
>TTL-C91F-w CTWFPESY	27	>TTL-C91F-m FTWFPESY	9	18
>TTL-C91F-w CTWFPESYVI'	44	>TTL-C91F-m FTWFPESYVI'	12	32
>TTL-C91F-w CTWFPESY	53	>TTL-C91F-m FTWFPESY	124	71
>TTL-C91F-w CTWFPESYVI'	67	>TTL-C91F-m FTWFPESYVI'	160	93
>TTL-C91F-w CTWFPESYVI	349	>TTL-C91F-m FTWFPESYVI	212	137
>TTL-C91F-w CTWFPESYV	10	>TTL-C91F-m FTWFPESYV	6	4
>TTL-C91F-w CTWFPESYVI	97	>TTL-C91F-m FTWFPESYVI	34	63
>TTL-C91F-w CTWFPESYV	94	>TTL-C91F-m FTWFPESYV	6	88
>TTL-C91F-w CTWFPESYVI	1218	>TTL-C91F-m FTWFPESYVI	44	1174
>TTL-C91F-w CTWFPESY	3776	>TTL-C91F-m FTWFPESY	392	3384
>TTL-C91F-w CTWFPESY	5380	>TTL-C91F-m FTWFPESY	322	5058
>TTL-C91F-w CTWFPESYVI'	5152	>TTL-C91F-m FTWFPESYVI'	300	4852
>TTL-C91F-w CTWFPESY	302	>TTL-C91F-m FTWFPESY	41	261
>TTL-C91F-w CTWFPESYVI'	101	>TTL-C91F-m FTWFPESYVI'	19	82
>TTL-C91F-w CTWFPESY	16	>TTL-C91F-m FTWFPESY	6	10
>TTL-C91F-w CTWFPESYV	1712	>TTL-C91F-m FTWFPESYV	201	1511
>TTL-C91F-w CTWFPESYVI	374	>TTL-C91F-m FTWFPESYVI	43	331
>TTL-C91F-w CTWFPESYVI'	13	>TTL-C91F-m FTWFPESYVI'	5	8
>TTL-C91F-w CTWFPESY	606	>TTL-C91F-m FTWFPESY	83	523
>TTL-C91F-w CTWFPESYVI'	360	>TTL-C91F-m FTWFPESYVI'	55	305
>TTL-C91F-w CTWFPESYVI	868	>TTL-C91F-m FTWFPESYVI	303	565
>TTL-C91F-w CTWFPESY	2262	>TTL-C91F-m FTWFPESY	356	1906
>TTL-C91F-w CTWFPESYV	138	>TTL-C91F-m FTWFPESYV	19	119
>TTL-C91F-w CTWFPESYVI'	65	>TTL-C91F-m FTWFPESYVI'	13	52
>TTL-C91F-w CTWFPESY	294	>TTL-C91F-m FTWFPESY	784	490
>TTL-C91F-w CTWFPESYVI'	265	>TTL-C91F-m FTWFPESYVI'	663	398
>TTL-C91F-w CTWFPESYV	210	>TTL-C91F-m FTWFPESYV	414	204
>TTL-C91F-w CTWFPESYVI	33	>TTL-C91F-m FTWFPESYVI	43	10
>TTL-C91F-w SCTWFPESYV	334	>TTL-C91F-m SFTWFPESYV	533	199
>TTL-C91F-w SCTWFPESYV	81	>TTL-C91F-m SFTWFPESYV	103	22
>TTL-C91F-w SCTWFPESYV	293	>TTL-C91F-m SFTWFPESYV	225	68
>TTL-C91F-w SCTWFPESYV	275	>TTL-C91F-m SFTWFPESYV	186	89
>TTL-C91F-w SCTWFPESYV	10347	>TTL-C91F-m SFTWFPESYV	471	9876
>TTL-C91F-w SCTWFPESYV	18205	>TTL-C91F-m SFTWFPESYV	192	18013
>TTL-C91F-w SCTWFPESY	727	>TTL-C91F-m SFTWFPESY	18	709
>TTL-C91F-w SCTWFPESY	675	>TTL-C91F-m SFTWFPESY	209	466
>TTL-C91F-w SCTWFPESYV	287	>TTL-C91F-m SFTWFPESYV	577	290

>TTL-C91F-w SCTWFPESYV	307	>TTL-C91F-m SFTWFPESYV	573	266
>TTL-C91F-w SCTWFPESY	188	>TTL-C91F-m SFTWFPESY	882	694
>TTL-C91F-w SCTWFPESY	2748	>TTL-C91F-m SFTWFPESY	285	2463
>TTL-C91F-w SCTWFPESYV	5740	>TTL-C91F-m SFTWFPESYV	458	5282
>TTL-C91F-w SCTWFPES	27753	>TTL-C91F-m SFTWFPES	224	27529
>TTL-C91F-w SCTWFPESY	17232	>TTL-C91F-m SFTWFPESY	106	17126
>TTL-C91F-w SCTWFPESYV	4802	>TTL-C91F-m SFTWFPESYV	34	4768
>TTL-C91F-w SCTWFPESYV	13201	>TTL-C91F-m SFTWFPESYV	74	13127
>TTL-C91F-w SCTWFPESYV	254	>TTL-C91F-m SFTWFPESYV	1755	1501
>TTL-C91F-w IKTSPELAESC	1505	>TTL-C91F-m IKTSPELAESF	4	1501
>TTL-C91F-w ESCTWFPESY	800	>TTL-C91F-m ESFTWFPESY	229	571
>TTL-C91F-w ESCTWFPESY	2939	>TTL-C91F-m ESFTWFPESY	395	2544
>TTL-C91F-w ESCTWFPESY	523	>TTL-C91F-m ESFTWFPESY	273	250
>TTL-C91F-w ESCTWFPESY	12	>TTL-C91F-m ESFTWFPESY	36	24
>TTL-C91F-w ESCTWFPESY	282	>TTL-C91F-m ESFTWFPESY	2543	2261
>TTL-C91F-w ESCTWFPESY	86	>TTL-C91F-m ESFTWFPESY	119	33
>TTL-C91F-w ESCTWFPESY	878	>TTL-C91F-m ESFTWFPESY	107	771
>TTL-C91F-w ESCTWFPESY	1460	>TTL-C91F-m ESFTWFPESY	165	1295
>TTL-C91F-w ESCTWFPESY	2567	>TTL-C91F-m ESFTWFPESY	433	2134
>TTL-C91F-w ESCTWFPESY	32	>TTL-C91F-m ESFTWFPESY	6	26
>TTL-C91F-w ESCTWFPESY	102	>TTL-C91F-m ESFTWFPESY	12	90
>TTL-C91F-w ESCTWFPESY	786	>TTL-C91F-m ESFTWFPESY	321	465
>TTL-C91F-w ESCTWFPESY	923	>TTL-C91F-m ESFTWFPESY	44	879
>TTL-C91F-w ESCTWFPESY	251	>TTL-C91F-m ESFTWFPESY	33	218
>TTL-C91F-w ESCTWFPESY	2290	>TTL-C91F-m ESFTWFPESY	232	2058
>TTL-C91F-w AESCTWFPES	363	>TTL-C91F-m AESFTWFPES	511	148
>TTL-C91F-w AESCTWFPES	91	>TTL-C91F-m AESFTWFPES	259	168
>TTL-C91F-w AESCTWFPES	204	>TTL-C91F-m AESFTWFPES	153	51
>TTL-C91F-w AESCTWFPE	609	>TTL-C91F-m AESFTWFPE	330	279
>TTL-C91F-w AESCTWFPE	948	>TTL-C91F-m AESFTWFPE	376	572
>TTL-C91F-w AESCTWFPES	1561	>TTL-C91F-m AESFTWFPES	362	1199
>TTL-C91F-w AESCTWFPES	86	>TTL-C91F-m AESFTWFPES	200	114
>TTL-C91F-w AESCTWFPES	42	>TTL-C91F-m AESFTWFPES	58	16
>TTL-C91F-w AESCTWFP	102	>TTL-C91F-m AESFTWFP	83	19
>TTL-C91F-w AESCTWFPE	19	>TTL-C91F-m AESFTWFPE	24	5
>TTL-C91F-w AESCTWFPES	262	>TTL-C91F-m AESFTWFPES	108	154
>TTL-C91F-w AESCTWFPES	88	>TTL-C91F-m AESFTWFPES	93	5
>TTL-C91F-w LAESCTWF	105	>TTL-C91F-m LAESFTWF	122	17
>TTL-C91F-w LAESCTWF	206	>TTL-C91F-m LAESFTWF	222	16
>TTL-C91F-w ELAESCTWF	996	>TTL-C91F-m ELAESFTWF	441	555
>TTL-C91F-w ELAESCTWF	5359	>TTL-C91F-m ELAESFTWF	423	4936
>TTL-C91F-w ELAESCTWF	2552	>TTL-C91F-m ELAESFTWF	255	2297
>TTL-C91F-w ELAESCTWF	454	>TTL-C91F-m ELAESFTWF	68	386

>TTL-C91F-w ELAESCTWF	288	>TTL-C91F-m ELAESFTWF	41	247
>TTL-C91F-w ELAESCTWF	3860	>TTL-C91F-m ELAESFTWF	284	3576
>TTL-C91F-w ELAESCTWF	471	>TTL-C91F-m ELAESFTWF	199	272
>TTL-C91F-w ELAESCTW	651	>TTL-C91F-m ELAESFTW	435	216
>TTL-C91F-w ELAESCTW	1131	>TTL-C91F-m ELAESFTW	485	646
>TTL-C91F-w PELAESCTW	135	>TTL-C91F-m PELAESFTW	149	14
>TTL-C91F-w PELAESCTW	340	>TTL-C91F-m PELAESFTW	95	245
>TTL-C91F-w SPELAESC	31996	>TTL-C91F-m SPELAESF	172	31824
>TTL-C91F-w SPELAESCTW	86	>TTL-C91F-m SPELAESFTW	33	53
>TTL-C91F-w SPELAESC	11300	>TTL-C91F-m SPELAESF	414	10886
>TTL-C91F-w SPELAESC	9672	>TTL-C91F-m SPELAESF	85	9587
>TTL-C91F-w SPELAESCTW	206	>TTL-C91F-m SPELAESFTW	208	2
>TTL-C91F-w SPELAESCTW	259	>TTL-C91F-m SPELAESFTW	395	136
>TTL-C91F-w SPELAESCTW	510	>TTL-C91F-m SPELAESFTW	410	100
>TTL-C91F-w SPELAESC	18879	>TTL-C91F-m SPELAESF	401	18478
>TTL-C91F-w SPELAESCTW	15	>TTL-C91F-m SPELAESFTW	13	2
>TTL-C91F-w TSPELAESC	9126	>TTL-C91F-m TSPELAESF	295	8831
>TTL-C91F-w TSPELAESCTV	851	>TTL-C91F-m TSPELAESFTV	397	454
>TTL-C91F-w TSPELAESC	23778	>TTL-C91F-m TSPELAESF	301	23477
>TTL-C91F-w TSPELAESCTV	104	>TTL-C91F-m TSPELAESFTV	71	33
>TTL-C91F-w TSPELAESCTV	89	>TTL-C91F-m TSPELAESFTV	70	19
>TTL-C91F-w TSPELAESCTV	230	>TTL-C91F-m TSPELAESFTV	118	112
>TTL-C91F-w TSPELAESC	333	>TTL-C91F-m TSPELAESF	12	321
>TTL-C91F-w TSPELAESCTV	203	>TTL-C91F-m TSPELAESFTV	46	157
>TTL-C91F-w KTSPELAESC	18420	>TTL-C91F-m KTSPELAESF	404	18016
>TTL-C91F-w KTSPELAESC	1464	>TTL-C91F-m KTSPELAESF	27	1437
>TTL-C91F-w KTSPELAESC	17315	>TTL-C91F-m KTSPELAESF	181	17134
>TTL-C91F-w KTSPELAESC	12942	>TTL-C91F-m KTSPELAESF	111	12831
>TTL-C91F-w KTSPELAESC	1134	>TTL-C91F-m KTSPELAESF	4	1130
>TTL-C91F-w KTSPELAESC	7103	>TTL-C91F-m KTSPELAESF	57	7046
>TTL-C91F-w KTSPELAESC	1645	>TTL-C91F-m KTSPELAESF	13	1632
>TTL-C91F-w KTSPELAESC	4233	>TTL-C91F-m KTSPELAESF	317	3916
>TTL-C91F-w KTSPELAESC	8434	>TTL-C91F-m KTSPELAESF	48	8386
>TTL6_ENSTRIFVYNEGL	406	>TTL6_ENSTKIFVYNEGL	201	205
>TTL6_ENSTRIFVYNEGL	217	>TTL6_ENSTKIFVYNEGL	77	140
>TTL6_ENSTRIFVYNEGL	21	>TTL6_ENSTKIFVYNEGL	12	9
>TTL6_ENSTRIFVYNEGL	73	>TTL6_ENSTKIFVYNEGL	46	27
>TTL6_ENSTRIFVYNEGL	54	>TTL6_ENSTKIFVYNEGL	52	2
>TTL6_ENSTRIFVYNEGLAI	367	>TTL6_ENSTKIFVYNEGLAI	366	1
>TTL6_ENSTRIFVYNEGLAI	141	>TTL6_ENSTKIFVYNEGLAI	156	15
>TTL6_ENSTRIFVYNEGLA	481	>TTL6_ENSTKIFVYNEGLA	552	71
>TTL6_ENSTRIFVYNEGLAI	16	>TTL6_ENSTKIFVYNEGLAI	18	2
>TTL6_ENSTRIFVYNEGL	31	>TTL6_ENSTKIFVYNEGL	29	2



>TTLL6_ENSTRIFVYNEGLAI	207	>TTLL6_ENSTKIFVYNEGLAI	374	167
>TTLL6_ENSTRIFVYNEGL	264	>TTLL6_ENSTKIFVYNEGL	631	367
>TTLL6_ENSTRIFVYNEGLAI	45	>TTLL6_ENSTKIFVYNEGLAI	24	21
>TTLL6_ENSTRIFVYNEGL	772	>TTLL6_ENSTLKIFVYNEGL	116	656
>TTLL6_ENSTRIFVYNEGL	210	>TTLL6_ENSTLKIFVYNEGL	13099	12889
>TTLL6_ENSTYVLVTSCDPLI	1252	>TTLL6_ENSTYVLVTSCDPLI	101	1151
>TTLL6_ENSTYVLVTSCDPLI	3962	>TTLL6_ENSTYVLVTSCDPLI	102	3860
>TTLL6_ENSTYVLVTSCDPLI	127	>TTLL6_ENSTYVLVTSCDPLI	2335	2208
>TTLL6_ENSTYVLVTSCDPLI	293	>TTLL6_ENSTYVLVTSCDPLI	5169	4876
>TTLL6_ENSTYVLVTSCDPLI	20	>TTLL6_ENSTYVLVTSCDPLI	56	36
>TTLL6_ENSTYVLVTSCDPLI	244	>TTLL6_ENSTYVLVTSCDPLI	5687	5443
>TTLL6_ENSTPLRIFVYNEGI	262	>TTLL6_ENSTPLKIFVYNEGI	399	137
>TTLL6_ENSTDPLRIFVY	164	>TTLL6_ENSTDPLKIFVY	95	69
>TTLL6_ENSTDPLRIFVY	47	>TTLL6_ENSTDPLKIFVY	41	6
>TTLL6_ENSTDPLRIFVY	270	>TTLL6_ENSTDPLKIFVY	165	105
>TTLL6_ENSTDPLRIFVY	143	>TTLL6_ENSTDPLKIFVY	92	51
>TTLL6_ENSTDPLRIFVY	45	>TTLL6_ENSTDPLKIFVY	48	3
>TTLL6_ENSTCDPLRIFV	219	>TTLL6_ENSTCDPLKIFV	165	54
>TTLL6_ENSTSCDPLRIFV	903	>TTLL6_ENSTSCDPLKIFV	296	607
>TTLL6_ENSTSCDPLRIFV	216	>TTLL6_ENSTSCDPLKIFV	86	130
>TTLL6_ENSTSCDPLRIFVY	484	>TTLL6_ENSTSCDPLKIFVY	565	81
>TTLL6_ENSTTSCDPLRIFVY	265	>TTLL6_ENSTTSCDPLKIFVY	375	110
>TTLL6_ENSTTSCDPLRIF	41	>TTLL6_ENSTTSCDPLKIF	51	10
>TTLL6_ENSTTSCDPLRIFVY	50	>TTLL6_ENSTTSCDPLKIFVY	43	7
>TTLL6_ENSTTSCDPLRIFVY	373	>TTLL6_ENSTTSCDPLKIFVY	419	46
>TTLL6_ENSTTSCDPLRIFVY	191	>TTLL6_ENSTTSCDPLKIFVY	214	23
>TTLL6_ENSTTSCDPLRIFV	63	>TTLL6_ENSTTSCDPLKIFV	234	171
>TTLL6_ENSTTSCDPLRIFVY	442	>TTLL6_ENSTTSCDPLKIFVY	566	124
>TTLL6_ENSTTSCDPLRI	235	>TTLL6_ENSTTSCDPLKI	278	43
>TTLL6_ENSTTSCDPLRIF	34	>TTLL6_ENSTTSCDPLKIF	21	13
>TTLL6_ENSTTSCDPLRIFVY	16	>TTLL6_ENSTTSCDPLKIFVY	14	2
>TTLL6_ENSTTSCDPLRIF	106	>TTLL6_ENSTTSCDPLKIF	99	7
>TTLL6_ENSTTSCDPLRIFVY	144	>TTLL6_ENSTTSCDPLKIFVY	165	21
>TTLL6_ENSTTSCDPLRI	49	>TTLL6_ENSTTSCDPLKI	41	8
>TTLL6_ENSTVTSCDPLRIFV	486	>TTLL6_ENSTVTSCDPLKIFV	583	97
>TTLL6_ENSTVTSCDPLRIFV	366	>TTLL6_ENSTVTSCDPLKIFV	406	40
>TTLL6_ENSTVTSCDPLRIFV	159	>TTLL6_ENSTVTSCDPLKIFV	93	66
>TTLL6_ENSTVTSCDPLRIFV	571	>TTLL6_ENSTVTSCDPLKIFV	337	234
>TTLL6_ENSTVTSCDPLR	6518	>TTLL6_ENSTVTSCDPLK	382	6136
>TTLL6_ENSTVTSCDPLR	328	>TTLL6_ENSTVTSCDPLK	23	305
>TTLL6_ENSTVTSCDPLR	65	>TTLL6_ENSTVTSCDPLK	183	118
>TTLL6_ENSTVTSCDPLRIFV	67	>TTLL6_ENSTVTSCDPLKIFV	114	47
>TTLL6_ENSTVTSCDPLRIF	262	>TTLL6_ENSTVTSCDPLKIF	168	94

>TTLL6_ENSTVTSCDPLRI	143	>TTLL6_ENSTVTSCDPLKI	191	48
>TTLL6_ENSTVTSCDPLRIF	20	>TTLL6_ENSTVTSCDPLKIF	15	5
>TTLL6_ENSTVTSCDPLRIF	72	>TTLL6_ENSTVTSCDPLKIF	62	10
>TTLL6_ENSTVTSCDPLR	558	>TTLL6_ENSTVTSCDPLK	346	212
>TTLL6_ENSTVTSCDPLRI	134	>TTLL6_ENSTVTSCDPLKI	96	38
>TTLL6_ENSTLVTSCDPLRI	422	>TTLL6_ENSTLVTSCDPLKI	455	33
>TTLL6_ENSTLVTSCDPLR	2474	>TTLL6_ENSTLVTSCDPLK	131	2343
>TTLL6_ENSTLVTSCDPLR	146	>TTLL6_ENSTLVTSCDPLK	2063	1917
>TTLL6_ENSTLVTSCDPLR	25	>TTLL6_ENSTLVTSCDPLK	47	22
>TTLL6_ENSTLVTSCDPLRIF	592	>TTLL6_ENSTLVTSCDPLKIF	434	158
>TTLL6_ENSTLVTSCDPLRIF	49	>TTLL6_ENSTLVTSCDPLKIF	47	2
>TTLL6_ENSTLVTSCDPLR	298	>TTLL6_ENSTLVTSCDPLK	8663	8365
>TTLL6_ENSTLVTSCDPLRI	178	>TTLL6_ENSTLVTSCDPLKI	177	1
>TTLL6_ENSTVLVTSCDPLRI	444	>TTLL6_ENSTVLVTSCDPLKI	437	7
>TTLL6_ENSTVLVTSCDPLR	96	>TTLL6_ENSTVLVTSCDPLKI	95	1
>TTLL6_ENSTVLVTSCDPLRI	84	>TTLL6_ENSTVLVTSCDPLKI	127	43
>TTLL6_ENSTVLVTSCDPLR	432	>TTLL6_ENSTVLVTSCDPLKI	413	19
>TTLL6_ENSTVLVTSCDPLRI	698	>TTLL6_ENSTVLVTSCDPLKI	487	211
>TTLL6_ENSTVLVTSCDPLR	61	>TTLL6_ENSTVLVTSCDPLKI	106	45
>TTLL6_ENSTVLVTSCDPLR	2809	>TTLL6_ENSTVLVTSCDPLK	214	2595
>TTLL6_ENSTVLVTSCDPLR	275	>TTLL6_ENSTVLVTSCDPLK	600	325
>TTLL6_ENSTVLVTSCDPLR	482	>TTLL6_ENSTVLVTSCDPLK	10161	9679
>USP6-D17N DILMKYDKG†	1816	>USP6-D17N NILMKYDKG†	444	1372
>USP6-D17N DILMKYDK	381	>USP6-D17N NILMKYDK	2418	2037
>USP6-D17N DILMKYDKG†	32	>USP6-D17N NILMKYDKG†	136	104
>USP6-D17N DILMKYDKG†	453	>USP6-D17N NILMKYDKG†	557	104
>USP6-D17N DILMKYDKG†	1196	>USP6-D17N NILMKYDKG†	239	957
>USP6-D17N RKDILMKY	1674	>USP6-D17N RKNILMKY	450	1224
>USP6-D17N RKDILMKY	623	>USP6-D17N RKNILMKY	308	315
>USP6-D17N RKDILMKY	475	>USP6-D17N RKNILMKY	17	458
>USP6-D17N RKDILMKY	1384	>USP6-D17N RKNILMKY	417	967
>USP6-D17N QERKDILM	19	>USP6-D17N QERKNILM	8	11
>USP6-D17N QERKDILMKY	601	>USP6-D17N QERKNILMKY	385	216
>USP6-D17N QERKDILMKY	247	>USP6-D17N QERKNILMKY	191	56
>USP6-D17N QERKDILMKY	376	>USP6-D17N QERKNILMKY	168	208
>USP6-D17N QERKDILMKY	290	>USP6-D17N QERKNILMKY	207	83
>USP6-D17N AQERKDILM†	2308	>USP6-D17N AQERKNILM†	454	1854
>USP6-D17N AQERKDILM†	644	>USP6-D17N AQERKNILM†	446	198
>USP6-D17N QAQERKDILM	488	>USP6-D17N QAQERKNILM	377	111
>USP6-D17N QAQERKDILM	757	>USP6-D17N QAQERKNILM	286	471
>USP6-D17N LQAQERKDI	364	>USP6-D17N LQAQERKNI	321	43
>USP6-D17N LQAQERKDIL	422	>USP6-D17N LQAQERKNIL	352	70
>USP6-D17N LQAQERKDI	311	>USP6-D17N LQAQERKNI	174	137

>USP6-D17N LQAQERKDIL	466	>USP6-D17N LQAQERKNIL	177	289
>USP6-D17N LQAQERKDIL	342	>USP6-D17N LQAQERKNIL	172	170
>USP6-D17N LQAQERKDIL	1306	>USP6-D17N LQAQERKNIL	445	861
>USP6-D17N SLQAQERKDI	327	>USP6-D17N SLQAQERKNI	267	60
>USP6-D17N SLQAQERKDI	451	>USP6-D17N SLQAQERKNI	398	53
>USP6-D17N SLQAQERKDI	420	>USP6-D17N SLQAQERKNI	229	191
>USP6-D17N SLQAQERKDI	65	>USP6-D17N SLQAQERKNI	45	20
>USP6-H89N HSSKLIDRVY	438	>USP6-H89N NSSKLIDRVY	705	267
>USP6-H89N HSSKLIDRVY†	151	>USP6-H89N NSSKLIDRVY†	1706	1555
>USP6-H89N HSSKLIDRVY†	34	>USP6-H89N NSSKLIDRVY†	63	29
>USP6-H89N HSSKLIDRVY	109	>USP6-H89N NSSKLIDRVY	225	116
>USP6-H89N HSSKLIDRVY†	47	>USP6-H89N NSSKLIDRVY†	3035	2988
>USP6-H89N HSSKLIDRVY	100	>USP6-H89N NSSKLIDRVY	143	43
>USP6-H89N HSSKLIDR	240	>USP6-H89N NSSKLIDR	3014	2774
>USP6-H89N HSSKLIDRVY†	146	>USP6-H89N NSSKLIDRVY†	1348	1202
>USP6-H89N HSSKLIDR	59	>USP6-H89N NSSKLIDR	69	10
>USP6-H89N HSSKLIDRVY†	20	>USP6-H89N NSSKLIDRVY†	23	3
>USP6-H89N HSSKLIDRV	33	>USP6-H89N NSSKLIDRV	36	3
>USP6-H89N HSSKLIDRVY	344	>USP6-H89N NSSKLIDRVY	1042	698
>USP6-H89N HSSKLIDRVY	39	>USP6-H89N NSSKLIDRVY	1398	1359
>USP6-H89N HSSKLIDRVY	406	>USP6-H89N NSSKLIDRVY	1019	613
>USP6-H89N HSSKLIDRVY	118	>USP6-H89N NSSKLIDRVY	444	326
>USP6-H89N HSSKLIDR	393	>USP6-H89N NSSKLIDR	2507	2114
>USP6-H89N KHSSKLIDRV\	158	>USP6-H89N KNSSKLIDRV\	198	40
>USP6-H89N KHSSKLIDRV\	419	>USP6-H89N KNSSKLIDRV\	2058	1639
>USP6-H89N KHSSKLIDR	334	>USP6-H89N KNSSKLIDR	452	118
>USP6-H89N YKHSSKLI	13	>USP6-H89N YKNSSKLI	17	4
>USP6-H89N YKHSSKLIDR	122	>USP6-H89N YKNSSKLIDR	183	61
>USP6-H89N YKHSSKLIDRV\	93	>USP6-H89N YKNSSKLIDRV\	147	54
>USP6-H89N TYKHSSKL	488	>USP6-H89N TYKNSSKL	79	409
>USP6-H89N TYKHSSKLI	1521	>USP6-H89N TYKNSSKLI	350	1171
>USP6-H89N TYKHSSKLI	219	>USP6-H89N TYKNSSKLI	451	232
>USP6-H89N TYKHSSKLI	324	>USP6-H89N TYKNSSKLI	280	44
>USP6-H89N TYKHSSKLI	144	>USP6-H89N TYKNSSKLI	201	57
>USP6-H89N TYKHSSKL	65	>USP6-H89N TYKNSSKL	55	10
>USP6-H89N TYKHSSKLI	199	>USP6-H89N TYKNSSKLI	170	29
>USP6-H89N TYKHSSKLI	61	>USP6-H89N TYKNSSKLI	88	27
>USP6-H89N TYKHSSKLIDR	100	>USP6-H89N TYKNSSKLIDR	83	17
>USP6-H89N TYKHSSKLIDR	132	>USP6-H89N TYKNSSKLIDR	154	22
>USP6-H89N TYKHSSKLIDR	122	>USP6-H89N TYKNSSKLIDR	157	35
>USP6-H89N ETYKHSSKLI	103	>USP6-H89N ETYKNSSKLI	91	12
>USP6-H89N ETYKHSSK	80	>USP6-H89N ETYKNSSK	134	54
>USP6-H89N ETYKHSSK	88	>USP6-H89N ETYKNSSK	123	35

>USP6-H89N ETYKHSSKL	176	>USP6-H89N ETYKNSSKL	281	105
>USP6-H89N ETYKHSSKL	27	>USP6-H89N ETYKNSSKL	28	1
>USP6-H89N ETYKHSSKL	30	>USP6-H89N ETYKNSSKL	81	51
>USP6-H89N ETYKHSSK	469	>USP6-H89N ETYKNSSK	1047	578
>USP6-H89N ETYKHSSK	3	>USP6-H89N ETYKNSSK	3	0
>USP6-H89N ETYKHSSKL	52	>USP6-H89N ETYKNSSKL	28	24
>USP6-H89N ETYKHSSKLI	202	>USP6-H89N ETYKNSSKLI	148	54
>USP6-H89N ETYKHSSKL	15	>USP6-H89N ETYKNSSKL	18	3
>USP6-H89N ETYKHSSKLI	30	>USP6-H89N ETYKNSSKLI	31	1
>USP6-H89N ETYKHSSKL	11	>USP6-H89N ETYKNSSKL	11	0
>USP6-H89N ETYKHSSKLI	71	>USP6-H89N ETYKNSSKLI	75	4
>USP6-H89N ETYKHSSKL	102	>USP6-H89N ETYKNSSKL	85	17
>USP6-H89N ETYKHSSKL	215	>USP6-H89N ETYKNSSKL	341	126
>USP6-H89N ETYKHSSKLI	78	>USP6-H89N ETYKNSSKLI	163	85
>USP6-H89N WETYKHSSKL	276	>USP6-H89N WETYKNSSKL	239	37
>USP6-H89N WETYKHSSKL	8	>USP6-H89N WETYKNSSKL	9	1
>USP6-H89N WETYKHSSKL	61	>USP6-H89N WETYKNSSKL	67	6
>USP6-H89N WETYKHSSKL	173	>USP6-H89N WETYKNSSKL	164	9
>USP6-H89N WETYKHSSKL	425	>USP6-H89N WETYKNSSKL	494	69
>USP6-H89N WETYKHSSKL	397	>USP6-H89N WETYKNSSKL	439	42
>USP6-H89N WETYKHSSKL	63	>USP6-H89N WETYKNSSKL	37	26
>USP6-H89N WETYKHSSKL	15	>USP6-H89N WETYKNSSKL	11	4
>USP6-H89N EWETYKHSSK	489	>USP6-H89N EWETYKNSSK	832	343
>USP6-H89N EWETYKHSS	374	>USP6-H89N EWETYKNSS	411	37
>USP6-H89N EWETYKHSSK	426	>USP6-H89N EWETYKNSSK	452	26
>USP6-H89N MLGEWETYK	1196	>USP6-H89N MLGEWETYK	178	1018
>USP6-H89N MLGEWETYK	140	>USP6-H89N MLGEWETYK	163	23
>USP6-H89N MLGEWETYK	194	>USP6-H89N MLGEWETYK	222	28
>USP6-R456\RLPTDLDI	346	>USP6-R456\WLPTDLDI	287	59
>USP6-R456\RLPTDLDI	578	>USP6-R456\WLPTDLDI	448	130
>USP6-R456\RLPTDLDI	519	>USP6-R456\WLPTDLDI	291	228
>USP6-R456\RLPTDLDI	286	>USP6-R456\WLPTDLDI	68	218
>USP6-R456\RLPTDLDI	406	>USP6-R456\WLPTDLDI	18491	18085
>USP6-R456\PRLPTDLDI	18836	>USP6-R456\PWLPTDLDI	327	18509
>USP6-R456\PRLPTDLDI	32078	>USP6-R456\PWLPTDLDI	295	31783
>USP6-R456\WRFLEWKSM	562	>USP6-R456\WRFLEWKSM	211	351
>USP6-R456\WRFLEWKSM	39	>USP6-R456\WRFLEWKSM	446	407
>USP6-R456\WRFLEWKSM	7325	>USP6-R456\WRFLEWKSM	18	7307
>USP6-R456\WRFLEWKSM	50	>USP6-R456\WRFLEWKSM	18591	18541
>USP6-R456\MPRLPTDL	4988	>USP6-R456\MPWLPTDL	121	4867
>USP6-R456\MPRLPTDLDI	7794	>USP6-R456\MPWLPTDLDI	352	7442
>USP6-R456\MPRLPTDL	18	>USP6-R456\MPWLPTDL	41	23
>USP6-R456\MPRLPTDLDI	186	>USP6-R456\MPWLPTDLDI	1244	1058

>USP6-R456\MPRLPTDL	370	>USP6-R456\MPWLPTDL	24	346
>USP6-R456\MPRLPTDLD	8680	>USP6-R456\MPWLPTDLD	443	8237
>USP6-R456\MPRLPTDLDI	614	>USP6-R456\MPWLPTDLD	273	341
>USP6-R456\MPRLPTDLDI	2565	>USP6-R456\MPWLPTDLD	76	2489
>USP6-R456\MPRLPTDL	1718	>USP6-R456\MPWLPTDL	352	1366
>USP6-R456\MPRLPTDL	1486	>USP6-R456\MPWLPTDL	93	1393
>USP6-R456\MPRLPTDLDI	132	>USP6-R456\MPWLPTDLD	133	1
>USP6-R456\MPRLPTDL	2039	>USP6-R456\MPWLPTDL	233	1806
>USP6-R456\MPRLPTDLD	38	>USP6-R456\MPWLPTDLD	9	29
>USP6-R456\MPRLPTDLDI	329	>USP6-R456\MPWLPTDLD	1019	690
>USP6-R456\MPRLPTDLDI	32	>USP6-R456\MPWLPTDLD	9	23
>USP6-R456\SMPRLPTDL	511	>USP6-R456\SMPWLPTDL	321	190
>USP6-R456\SMPRLPTDL	160	>USP6-R456\SMPWLPTDL	65	95
>USP6-R456\SMPRLPTDLC	505	>USP6-R456\SMPWLPTDL	278	227
>USP6-R456\SMPRLPTDL	168	>USP6-R456\SMPWLPTDL	16	152
>USP6-R456\SMPRLPTDLC	264	>USP6-R456\SMPWLPTDL	40	224
>USP6-R456\SMPRLPTDL	103	>USP6-R456\SMPWLPTDL	17	86
>USP6-R456\SMPRLPTDLC	95	>USP6-R456\SMPWLPTDL	23	72
>USP6-R456\SMPRLPTDL	58	>USP6-R456\SMPWLPTDL	12	46
>USP6-R456\SMPRLPTDLC	253	>USP6-R456\SMPWLPTDL	60	193
>USP6-R456\SMPRLPTDL	600	>USP6-R456\SMPWLPTDL	168	432
>USP6-R456\SMPRLPTDLC	416	>USP6-R456\SMPWLPTDL	152	264
>USP6-R456\KSMRPLPT	1437	>USP6-R456\KSMRPLPT	282	1155
>USP6-R456\KSMRPLPT	258	>USP6-R456\KSMRPLPT	431	173
>USP6-R456\KSMRPLPTDL	93	>USP6-R456\KSMRPLPTD	45	48
>USP6-R456\KSMRPLPTDL	281	>USP6-R456\KSMRPLPTD	346	65
>USP6-R456\KSMRPLPT	145	>USP6-R456\KSMRPLPT	105	40
>USP6-R456\KSMRPLPTDL	7	>USP6-R456\KSMRPLPTD	7	0
>USP6-R456\KSMRPLPTDL	552	>USP6-R456\KSMRPLPTD	400	152
>USP6-R456\KSMRPLPTDL	108	>USP6-R456\KSMRPLPTD	44	64
>USP6-R456\KSMRPLPTDL	188	>USP6-R456\KSMRPLPTD	277	89
>USP6-R456\WKSMRPLPT	32	>USP6-R456\WKSMRPLPT	47	15
>USP6-R456\EWKSMRPL	535	>USP6-R456\EWKSMRPL	303	232
>USP6-R456\EWKSMRPLP	859	>USP6-R456\EWKSMRPLI	230	629
>USP6-R456\EWKSMRPLP	1635	>USP6-R456\EWKSMRPLI	278	1357
>USP6-R456\LEWKSMRPL	235	>USP6-R456\LEWKSMRPLI	48	187
>USP6-R456\LEWKSMRPL	683	>USP6-R456\LEWKSMRPL	347	336
>USP6-R456\LEWKSMRPL	327	>USP6-R456\LEWKSMRPL	35	292
>USP6-R456\LEWKSMRPL	390	>USP6-R456\LEWKSMRPLI	163	227
>USP6-R456\LEWKSMRPL	229	>USP6-R456\LEWKSMRPLI	58	171
>USP6-R456\LEWKSMRPL	118	>USP6-R456\LEWKSMRPLI	274	156
>USP6-R456\LEWKSMRPLI	140	>USP6-R456\LEWKSMRPLI	80	60
>USP6-R456\LEWKSMRPL	3945	>USP6-R456\LEWKSMRPL	83	3862

>USP6-R456\ LEWKSMPL	1200	>USP6-R456\ LEWKSMPL	489	711
>USP6-R456\ LEWKSMPL	7983	>USP6-R456\ LEWKSMPL	53	7930
>USP6-R456\ LEWKSMPL	943	>USP6-R456\ LEWKSMPL	318	625
>USP6-R456\ LEWKSMPL	17	>USP6-R456\ LEWKSMPL	83	66
>USP6-R456\ LEWKSMPL	425	>USP6-R456\ LEWKSMPL	284	141
>USP6-R456\ LEWKSMPL	32654	>USP6-R456\ LEWKSMPL	295	32359
>USP6-R456\ LEWKSMPL	28752	>USP6-R456\ LEWKSMPL	108	28644
>USP6-R456\ LEWKSMPL	88	>USP6-R456\ LEWKSMPL	16396	16308
>USP6-R456\ FLEWKSMPL	354	>USP6-R456\ FLEWKSMPL	164	190
>USP6-R456\ FLEWKSMPL	134	>USP6-R456\ FLEWKSMPL	118	16
>USP6-R456\ FLEWKSMPL	367	>USP6-R456\ FLEWKSMPL	250	117
>USP6-R456\ FLEWKSMPL	703	>USP6-R456\ FLEWKSMPL	217	486
>USP6-R456\ FLEWKSMPL	10	>USP6-R456\ FLEWKSMPL	11	1
>USP6-R456\ FLEWKSMPL	60	>USP6-R456\ FLEWKSMPL	76	16
>USP6-R456\ FLEWKSMPL	38	>USP6-R456\ FLEWKSMPL	23	15
>USP6-R456\ FLEWKSMPL	313	>USP6-R456\ FLEWKSMPL	296	17
>USP6-R456\ FLEWKSMPL	2	>USP6-R456\ FLEWKSMPL	2	0
>USP6-R456\ FLEWKSMPL	6348	>USP6-R456\ FLEWKSMPL	382	5966
>USP6-R456\ FLEWKSMPL	208	>USP6-R456\ FLEWKSMPL	31890	31682
>USP6-R456\ FLEWKSMPL	132	>USP6-R456\ FLEWKSMPL	27830	27698
>USP6-R456\ FLEWKSMPL	24997	>USP6-R456\ FLEWKSMPL	258	24739
>USP6-R456\ FLEWKSMPL	31492	>USP6-R456\ FLEWKSMPL	348	31144
>USP6-R456\ FLEWKSMPL	30945	>USP6-R456\ FLEWKSMPL	236	30709
>USP6-R456\ FLEWKSMPL	89	>USP6-R456\ FLEWKSMPL	19500	19411
>USP6-R456\ RFLEWKSMPL	323	>USP6-R456\ RFLEWKSMPL	272	51
>USP6-R456\ RFLEWKSMPL	217	>USP6-R456\ RFLEWKSMPL	10719	10502
>USP6-R456\ RFLEWKSMPL	179	>USP6-R456\ RFLEWKSMPL	296	117
>USP6-R456\ RFLEWKSMPL	3625	>USP6-R456\ RFLEWKSMPL	43	3582
>USP6-R456\ RFLEWKSMPL	44	>USP6-R456\ RFLEWKSMPL	22	22
>USP6-R456\ RFLEWKSMPL	468	>USP6-R456\ RFLEWKSMPL	6208	5740
>USP6-R456\ RFLEWKSMPL	5	>USP6-R456\ RFLEWKSMPL	3236	3231
>USP6-R456\ RFLEWKSMPL	12609	>USP6-R456\ RFLEWKSMPL	362	12247
>USP6-R456\ RFLEWKSMPL	107	>USP6-R456\ RFLEWKSMPL	18806	18699
>USP6-R456\ RFLEWKSMPL	21722	>USP6-R456\ RFLEWKSMPL	125	21597
>USP6-R456\ RFLEWKSMPL	123	>USP6-R456\ RFLEWKSMPL	27032	26909
>USP6-R456\ RFLEWKSMPL	19	>USP6-R456\ RFLEWKSMPL	2096	2077
>USP6-R456\ RFLEWKSMPL	268	>USP6-R456\ RFLEWKSMPL	198	70
>USP6-V678\ IVDLFHGQL	358	>USP6-V678\ IADLFHGQL	328	30
>USP6-V678\ IVDLFHGQLR	404	>USP6-V678\ IADLFHGQLR	935	531
>USP6-V678\ IVDLFHGQLR	150	>USP6-V678\ IADLFHGQLR	292	142
>USP6-V678\ IVDLFHGQL	2582	>USP6-V678\ IADLFHGQL	299	2283
>USP6-V678\ IVDLFHGQ	1360	>USP6-V678\ IADLFHGQ	302	1058
>USP6-V678\ IVDLFHGQL	513	>USP6-V678\ IADLFHGQL	252	261

>USP6-V678/IIVDLFHGQL	483	>USP6-V678/IIADLFHGQL	447	36
>USP6-V678/IIVDLFHG	468	>USP6-V678/IIADLFHG	655	187
>USP6-V678/IIVDLFHGQ	178	>USP6-V678/IIADLFHGQ	286	108
>USP6-V678/IIVDLFHGQL	325	>USP6-V678/IIADLFHGQL	681	356
>USP6-V678/IIVDLFHGQL	160	>USP6-V678/IIADLFHGQL	129	31
>USP6-V678/IIVDLFHGQ	267	>USP6-V678/IIADLFHGQ	111	156
>USP6-V678/IIVDLFHGQL	60	>USP6-V678/IIADLFHGQL	33	27
>USP6-V678/IIVDLFHGQLF	84	>USP6-V678/IIADLFHGQLF	71	13
>USP6-V678/IIVDLFHGQLF	337	>USP6-V678/IIADLFHGQLF	397	60
>USP6-V678/IIVDLFHGQLF	36	>USP6-V678/IIADLFHGQLF	20	16
>USP6-V678/IIVDLFHGQL	707	>USP6-V678/IIADLFHGQL	499	208
>USP6-V678/IIVDLFHGQLF	91	>USP6-V678/IIADLFHGQLF	124	33
>USP6-V678/SIIVDLFHGQL	359	>USP6-V678/SIIADLFHGQL	105	254
>USP6-V678/SIIVDLFHGQL	689	>USP6-V678/SIIADLFHGQL	163	526
>USP6-V678/SIIVDLFHG	1240	>USP6-V678/SIIADLFHG	307	933
>USP6-V678/SIIVDLFHGQL	414	>USP6-V678/SIIADLFHGQL	215	199
>USP6-V678/SIIVDLFHGQL	938	>USP6-V678/SIIADLFHGQL	266	672
>USP6-V678/SIIVDLFHGQL	434	>USP6-V678/SIIADLFHGQL	160	274
>USP6-V678/SIIVDLFH	905	>USP6-V678/SIIADLFH	462	443
>USP6-V678/SIIVDLFH	909	>USP6-V678/SIIADLFH	400	509
>USP6-V678/SIIVDLFHGQ	868	>USP6-V678/SIIADLFHGQ	367	501
>USP6-V678/SIIVDLFHGQL	190	>USP6-V678/SIIADLFHGQL	83	107
>USP6-V678/SIIVDLFHGQL	1016	>USP6-V678/SIIADLFHGQL	411	605
>USP6-V678/RSIIVDLF	115	>USP6-V678/RSIIADLF	289	174
>USP6-V678/RSIIVDLF	412	>USP6-V678/RSIIADLF	425	13
>USP6-V678/RSIIVDLF	208	>USP6-V678/RSIIADLF	182	26
>USP6-V678/RSIIVDLF	4	>USP6-V678/RSIIADLF	3	1
>USP6-V678/RSIIVDLFH	76	>USP6-V678/RSIIADLFH	18	58
>USP6-V678/RSIIVDLFHGC	1018	>USP6-V678/RSIIADLFHGC	348	670
>USP6-V678/RSIIVDLF	116	>USP6-V678/RSIIADLF	112	4
>USP6-V678/RSIIVDLF	14	>USP6-V678/RSIIADLF	18	4
>USP6-V678/RSIIVDLFH	90	>USP6-V678/RSIIADLFH	323	233
>USP6-V678/RSIIVDLFHG	293	>USP6-V678/RSIIADLFHG	597	304
>USP6-V678/RSIIVDLF	35	>USP6-V678/RSIIADLF	28	7
>USP6-V678/NRSIIVDLF	177	>USP6-V678/NRSIIADLF	292	115
>USP6-V678/RNRSIIVDL	698	>USP6-V678/RNRSIIADL	408	290
>USP6-V678/RNRSIIVDLFH	645	>USP6-V678/RNRSIIADLFH	359	286
>USP6-V678/RNRSIIVDL	436	>USP6-V678/RNRSIIADL	1042	606
>USP6-V678/RNRSIIVDLF	127	>USP6-V678/RNRSIIADLF	210	83
>USP6-V678/RNRSIIVDL	242	>USP6-V678/RNRSIIADL	347	105
>USP6-V678/RRNRSIIV	122	>USP6-V678/RRNRSIIA	597	475
>USP6-V678/RRNRSIIVDL	51	>USP6-V678/RRNRSIIADL	87	36
>USP6-V678/RRNRSIIVDLF	23	>USP6-V678/RRNRSIIADLF	27	4

>USP6-V678/RRNRSIIV	119	>USP6-V678/RRNRSIIA	253	134
>USP6-V678/RRNRSIIVDL	11	>USP6-V678/RRNRSIIADL	11	0
>USP6-V678/RRNRSIIVDLF	39	>USP6-V678/RRNRSIIADLF	44	5
>USP6-V678/RRNRSIIV	33	>USP6-V678/RRNRSIIA	76	43
>USP6-V678/RRNRSIIVD	353	>USP6-V678/RRNRSIIAD	527	174
>USP6-V678/RRNRSIIVDL	21	>USP6-V678/RRNRSIIADL	20	1
>USP6-V678/RRNRSIIVDLF	72	>USP6-V678/RRNRSIIADLF	72	0
>USP6-V678/RRNRSIIV	494	>USP6-V678/RRNRSIIA	1796	1302
>USP6-V678/RRNRSIIVDL	17	>USP6-V678/RRNRSIIADL	17	0
>USP6-V678/RRNRSIIVDLF	34	>USP6-V678/RRNRSIIADLF	44	10
>USP6-V678/LRRNRSIIV	703	>USP6-V678/LRRNRSIIA	355	348
>USP6-V678/LRRNRSIIVDL	579	>USP6-V678/LRRNRSIIADL	422	157
>USP6-V678/LRRNRSIIV	166	>USP6-V678/LRRNRSIIA	1053	887
>USP6-V678/LRRNRSIIVDL	114	>USP6-V678/LRRNRSIIADL	203	89
>USP6-V678/LRRNRSIIVDL	197	>USP6-V678/LRRNRSIIADL	283	86
>USP6-V678/LRRNRSIIVDL	54	>USP6-V678/LRRNRSIIADL	71	17
>USP6-V678/HLRRNRSIIV	494	>USP6-V678/HLRRNRSIIA	2842	2348
>USP6-V678/HLRRNRSIIV	224	>USP6-V678/HLRRNRSIIA	6481	6257
>USP6-V678/HLRRNRSIIV	10	>USP6-V678/HLRRNRSIIA	268	258
>USP6-V678/HLRRNRSIIV	7	>USP6-V678/HLRRNRSIIA	6	1
>USP6-V678/HLRRNRSIIVC	318	>USP6-V678/HLRRNRSIIAC	225	93
>VHL-A11T-v AEVGAEAA	380	>VHL-A11T-n TEVGAEAA	1185	805
>VHL-A11T-v AEVGAEAA	8	>VHL-A11T-n TEVGAEAA	43	35
>VHL-A11T-v AEVGAEAAEAG	197	>VHL-A11T-n TEVGAEAAEAG	2755	2558
>VHL-A11T-v AEVGAEAAEAG\	61	>VHL-A11T-n TEVGAEAAEAG\	346	285
>VHL-A11T-v EAEVGAEAAEAC	727	>VHL-A11T-n ETEVGAEAAEAC	68	659
>VHL-A11T-v EAEVGAEAAEAC	319	>VHL-A11T-n ETEVGAEAAEAC	63	256
>VHL-A11T-v MPRRAENWI	37	>VHL-A11T-n MPRRAENWI	110	73
>VHL-A11T-v MPRRAENWI	280	>VHL-A11T-n MPRRAENWI	253	27
>VHL-A11T-v MPRRAENWI	9	>VHL-A11T-n MPRRAENWI	44	35
>VHL-A11T-v DEAEVGAE	134	>VHL-A11T-n DEAEVGAE	226	92
>VHL-A11T-v DEAEVGAE	97	>VHL-A11T-n DEAEVGAE	156	59
>VHL-A11T-v ENWDEAEV	419	>VHL-A11T-n ENWDEAEV	431	12
>VHL-A11T-v ENWDEAEV	369	>VHL-A11T-n ENWDEAEV	508	139
>VHL-A11T-v AENWDEAEV	101	>VHL-A11T-n AENWDEAEV	99	2
>VHL-A11T-v AENWDEAEV	1447	>VHL-A11T-n AENWDEAEV	465	982
>VHL-A11T-v AENWDEAE	455	>VHL-A11T-n AENWDEAE	1046	591
>VHL-A11T-v AENWDEAEV	17	>VHL-A11T-n AENWDEAEV	21	4
>VHL-A11T-v AENWDEAEV	335	>VHL-A11T-n AENWDEAEV	711	376
>VHL-A11T-v AENWDEAEV	8	>VHL-A11T-n AENWDEAEV	8	0
>VHL-A11T-v AENWDEAEV	193	>VHL-A11T-n AENWDEAEV	183	10
>VHL-A11T-v RRAENWDEA	368	>VHL-A11T-n RRAENWDEA	769	401
>VHL-A11T-v RRAENWDEA	320	>VHL-A11T-n RRAENWDEA	277	43



>VHL-A11T-v RRAENWDEA	196	>VHL-A11T-n RRAENWDET	180	16
>VHL-A11T-v RRAENWDEA	617	>VHL-A11T-n RRAENWDET	472	145
>VHL-A11T-v RRAENWDEA	143	>VHL-A11T-n RRAENWDET	109	34
>VHL-A11T-v RRAENWDEA	233	>VHL-A11T-n RRAENWDET	269	36
>VHL-A122E- DAGTHDGL	22121	>VHL-A122E- DEGTHDGL	483	21638
>VHL-A122E- RDAGTHDGL	367	>VHL-A122E- RDEGTHDGLI	441	74
>VHL-A122E- RDAGTHDGL	133	>VHL-A122E- RDEGTHDGLI	158	25
>VHL-A122E- FRDAGTHDG	376	>VHL-A122E- FRDEGTHDGI	459	83
>VHL-A122E- FRDAGTHDG	17	>VHL-A122E- FRDEGTHDGI	18	1
>VHL-A122E- FRDAGTHDG	35	>VHL-A122E- FRDEGTHDGI	41	6
>VHL-A122E- WLFRDAGT	330	>VHL-A122E- WLFRDEGT	2119	1789
>VHL-A122E- WLFRDAGT	468	>VHL-A122E- WLFRDEGT	936	468
>VHL-A122E- WLFRDAGT	108	>VHL-A122E- WLFRDEGT	148	40
>VHL-A122E- WLFRDAGT	51	>VHL-A122E- WLFRDEGT	116	65
>VHL-A122E- LWLFRDAG	90	>VHL-A122E- LWLFRDEG	208	118
>VHL-A122E- HLWLFRDA	346	>VHL-A122E- HLWLFRDE	24186	23840
>VHL-A149D- ANITLPVYTL	411	>VHL-A149D- DNITLPVYTL	2994	2583
>VHL-A149D- ANITLPVYTLk	232	>VHL-A149D- DNITLPVYTLk	12936	12704
>VHL-A149D- ANITLPVY	253	>VHL-A149D- DNITLPVY	107	146
>VHL-A149D- ANITLPVY	453	>VHL-A149D- DNITLPVY	2287	1834
>VHL-A149D- ANITLPVYTLk	2350	>VHL-A149D- DNITLPVYTLk	149	2201
>VHL-A149D- ANITLPVY	481	>VHL-A149D- DNITLPVY	5957	5476
>VHL-A149D- FANITLPVYTL	351	>VHL-A149D- FDNITLPVYTL	19862	19511
>VHL-A149D- FANITLPV	136	>VHL-A149D- FDNITLPV	11784	11648
>VHL-A149D- FANITLPV	82	>VHL-A149D- FDNITLPV	1449	1367
>VHL-A149D- FANITLPVYTL	156	>VHL-A149D- FDNITLPVYTL	1564	1408
>VHL-A149D- FANITLPV	19	>VHL-A149D- FDNITLPV	1780	1761
>VHL-A149D- FANITLPVYTL	482	>VHL-A149D- FDNITLPVYTL	9229	8747
>VHL-A149D- FANITLPV	12	>VHL-A149D- FDNITLPV	765	753
>VHL-A149D- FANITLPVYT	292	>VHL-A149D- FDNITLPVYT	8042	7750
>VHL-A149D- FANITLPVYTL	203	>VHL-A149D- FDNITLPVYTL	4340	4137
>VHL-A149D- FANITLPV	31	>VHL-A149D- FDNITLPV	2832	2801
>VHL-A149D- FANITLPVYTL	87	>VHL-A149D- FDNITLPVYTL	4905	4818
>VHL-A149D- FANITLPV	114	>VHL-A149D- FDNITLPV	5393	5279
>VHL-A149D- FANITLPV	25	>VHL-A149D- FDNITLPV	6708	6683
>VHL-A149D- FANITLPVYTL	407	>VHL-A149D- FDNITLPVYTL	15471	15064
>VHL-A149D- FANITLPVY	243	>VHL-A149D- FDNITLPVY	1445	1202
>VHL-A149D- FANITLPVY	71	>VHL-A149D- FDNITLPVY	1241	1170
>VHL-A149D- FANITLPV	96	>VHL-A149D- FDNITLPV	3111	3015
>VHL-A149D- FANITLPV	24	>VHL-A149D- FDNITLPV	2506	2482
>VHL-A149D- FANITLPVYTL	413	>VHL-A149D- FDNITLPVYTL	11656	11243
>VHL-A149D- FANITLPVY	114	>VHL-A149D- FDNITLPVY	2224	2110
>VHL-A149D- FANITLPVY	170	>VHL-A149D- FDNITLPVY	1762	1592

>VHL-A149D·FANITLPVY	14	>VHL-A149D·FDNITLPVY	17178	17164
>VHL-A149D·FANITLPVYTL	63	>VHL-A149D·FDNITLPVYTL	19119	19056
>VHL-A149D·FANITLPVY	26	>VHL-A149D·FDNITLPVY	1888	1862
>VHL-A149D·FANITLPVYTL	278	>VHL-A149D·FDNITLPVYTL	11372	11094
>VHL-A149D·FANITLPV	25153	>VHL-A149D·FDNITLPV	470	24683
>VHL-A149D·FANITLPVYTL	21293	>VHL-A149D·FDNITLPVYTL	405	20888
>VHL-A149D·FANITLPVY	375	>VHL-A149D·FDNITLPVY	14320	13945
>VHL-A149D·FANITLPVY	134	>VHL-A149D·FDNITLPVY	7608	7474
>VHL-A149D·FANITLPVYTL	160	>VHL-A149D·FDNITLPVYTL	8719	8559
>VHL-A149D·FANITLPV	89	>VHL-A149D·FDNITLPV	3576	3487
>VHL-A149D·FANITLPVY	103	>VHL-A149D·FDNITLPVY	20214	20111
>VHL-A149D·FANITLPVYTL	310	>VHL-A149D·FDNITLPVYTL	19068	18758
>VHL-A149D·FANITLPV	27705	>VHL-A149D·FDNITLPV	96	27609
>VHL-A149D·FANITLPVYTL	28693	>VHL-A149D·FDNITLPVYTL	192	28501
>VHL-A149D·SLNVDGQPIF	120	>VHL-A149D·SLNVDGQPIF	12478	12358
>VHL-A149D·SLNVDGQPIF	71	>VHL-A149D·SLNVDGQPIF	18906	18835
>VHL-A149D·SLNVDGQPIF	58	>VHL-A149D·SLNVDGQPIF	9743	9685
>VHL-A149D·SLNVDGQPIF	235	>VHL-A149D·SLNVDGQPIF	20802	20567
>VHL-A149D·SLNVDGQPIF	29	>VHL-A149D·SLNVDGQPIF	12125	12096
>VHL-A149D·SLNVDGQPIF	42	>VHL-A149D·SLNVDGQPIF	12986	12944
>VHL-A149D·IFANITLPVY	711	>VHL-A149D·IFDNITLPVY	290	421
>VHL-A149D·IFANITLPV	35	>VHL-A149D·IFDNITLPV	545	510
>VHL-A149D·IFANITLPV	1181	>VHL-A149D·IFDNITLPV	470	711
>VHL-A149D·IFANITLPV	478	>VHL-A149D·IFDNITLPV	3622	3144
>VHL-A149D·IFANITLPVY	52	>VHL-A149D·IFDNITLPVY	94	42
>VHL-A149D·IFANITLPVY	87	>VHL-A149D·IFDNITLPVY	134	47
>VHL-A149D·IFANITLPVY	137	>VHL-A149D·IFDNITLPVY	232	95
>VHL-A149D·PIFANITLPV	393	>VHL-A149D·PIFDNITLPV	305	88
>VHL-A149D·PIFANITLPV	79	>VHL-A149D·PIFDNITLPV	89	10
>VHL-A149D·PIFANITL	323	>VHL-A149D·PIFDNITL	115	208
>VHL-A149D·PIFANITLPV	21	>VHL-A149D·PIFDNITLPV	10	11
>VHL-A149D·PIFANITLPV	1071	>VHL-A149D·PIFDNITLPV	387	684
>VHL-A149D·PIFANITLPV	76	>VHL-A149D·PIFDNITLPV	34	42
>VHL-A149D·PIFANITLPV	610	>VHL-A149D·PIFDNITLPV	156	454
>VHL-A149D·PIFANITL	341	>VHL-A149D·PIFDNITL	66	275
>VHL-A149D·PIFANITLPV	25	>VHL-A149D·PIFDNITLPV	8	17
>VHL-A149D·PIFANITLPVY	135	>VHL-A149D·PIFDNITLPVY	90	45
>VHL-A149D·PIFANITLPVY	195	>VHL-A149D·PIFDNITLPVY	227	32
>VHL-A149D·PIFANITL	336	>VHL-A149D·PIFDNITL	566	230
>VHL-A149D·PIFANITLPV	218	>VHL-A149D·PIFDNITLPV	124	94
>VHL-A149D·QPIFANITL	10	>VHL-A149D·QPIFDNITL	6175	6165
>VHL-A149D·QPIFANITLPV	151	>VHL-A149D·QPIFDNITLPV	400	249
>VHL-A149D·QPIFANITLPV	72	>VHL-A149D·QPIFDNITLPV	132	60

>VHL-A149D·QPIFANITL	393	>VHL-A149D·QPIFDNITL	1828	1435
>VHL-A149D·QPIFANITLPV	157	>VHL-A149D·QPIFDNITLPV	382	225
>VHL-A149D·QPIFANITL	51	>VHL-A149D·QPIFDNITL	66	15
>VHL-A149D·QPIFANITLPV	148	>VHL-A149D·QPIFDNITLPV	193	45
>VHL-A149D·QPIFANITL	118	>VHL-A149D·QPIFDNITL	233	115
>VHL-A149D·QPIFANITL	373	>VHL-A149D·QPIFDNITL	150	223
>VHL-A149D·QPIFANITLPV	204	>VHL-A149D·QPIFDNITLPV	635	431
>VHL-A149D·GQPIFANI	412	>VHL-A149D·GQPIFDNI	9773	9361
>VHL-A149D·GQPIFANITL	236	>VHL-A149D·GQPIFDNITL	284	48
>VHL-A149D·GQPIFANI	241	>VHL-A149D·GQPIFDNI	530	289
>VHL-A149D·GQPIFANITL	430	>VHL-A149D·GQPIFDNITL	475	45
>VHL-A149D·VDGQPIFANI	444	>VHL-A149D·VDGQPIFDNI	382	62
>VHL-A149D·NVDGQPIFANI	253	>VHL-A149D·NVDGQPIFDNI	397	144
>VHL-A149D·NVDGQPIFANI	61	>VHL-A149D·NVDGQPIFDNI	177	116
>VHL-A149P·ANITLPVYTL	411	>VHL-A149P·PNITLPVYTL	5498	5087
>VHL-A149P·ANITLPVYTLK	232	>VHL-A149P·PNITLPVYTLK	11101	10869
>VHL-A149P·ANITLPVY	253	>VHL-A149P·PNITLPVY	935	682
>VHL-A149P·ANITLPVY	453	>VHL-A149P·PNITLPVY	2200	1747
>VHL-A149P·ANITLPVY	481	>VHL-A149P·PNITLPVY	4114	3633
>VHL-A149P·FANITLPVYTL	351	>VHL-A149P·FPNITLPVYTL	14260	13909
>VHL-A149P·FANITLPV	136	>VHL-A149P·FPNITLPV	12055	11919
>VHL-A149P·FANITLPV	82	>VHL-A149P·FPNITLPV	6471	6389
>VHL-A149P·FANITLPVYTL	156	>VHL-A149P·FPNITLPVYTL	5967	5811
>VHL-A149P·FANITLPV	19	>VHL-A149P·FPNITLPV	3553	3534
>VHL-A149P·FANITLPVYTL	482	>VHL-A149P·FPNITLPVYTL	12978	12496
>VHL-A149P·FANITLPV	12	>VHL-A149P·FPNITLPV	1143	1131
>VHL-A149P·FANITLPVYT	292	>VHL-A149P·FPNITLPVYT	5130	4838
>VHL-A149P·FANITLPVYTL	203	>VHL-A149P·FPNITLPVYTL	4636	4433
>VHL-A149P·FANITLPV	31	>VHL-A149P·FPNITLPV	2537	2506
>VHL-A149P·FANITLPVYTL	87	>VHL-A149P·FPNITLPVYTL	4419	4332
>VHL-A149P·FANITLPV	114	>VHL-A149P·FPNITLPV	5391	5277
>VHL-A149P·FANITLPV	25	>VHL-A149P·FPNITLPV	6667	6642
>VHL-A149P·FANITLPVYTL	407	>VHL-A149P·FPNITLPVYTL	15347	14940
>VHL-A149P·FANITLPVY	243	>VHL-A149P·FPNITLPVY	1416	1173
>VHL-A149P·FANITLPVY	71	>VHL-A149P·FPNITLPVY	652	581
>VHL-A149P·FANITLPV	96	>VHL-A149P·FPNITLPV	2057	1961
>VHL-A149P·FANITLPV	24	>VHL-A149P·FPNITLPV	96	72
>VHL-A149P·FANITLPVYTL	413	>VHL-A149P·FPNITLPVYTL	1442	1029
>VHL-A149P·FANITLPV	7990	>VHL-A149P·FPNITLPV	56	7934
>VHL-A149P·FANITLPVYTL	13399	>VHL-A149P·FPNITLPVYTL	92	13307
>VHL-A149P·FANITLPVY	114	>VHL-A149P·FPNITLPVY	4480	4366
>VHL-A149P·FANITLPVY	170	>VHL-A149P·FPNITLPVY	1030	860
>VHL-A149P·FANITLPVY	14	>VHL-A149P·FPNITLPVY	11442	11428

>VHL-A149P- FANITLPVYTL	63	>VHL-A149P- FPNITLPVYTL	14677	14614
>VHL-A149P- FANITLPV	1143	>VHL-A149P- FPNITLPV	105	1038
>VHL-A149P- FANITLPVY	26	>VHL-A149P- FPNITLPVY	8	18
>VHL-A149P- FANITLPVYTL	278	>VHL-A149P- FPNITLPVYTL	32	246
>VHL-A149P- FANITLPVYTL	806	>VHL-A149P- FPNITLPVYTL	59	747
>VHL-A149P- FANITLPVY	375	>VHL-A149P- FPNITLPVY	16210	15835
>VHL-A149P- FANITLPV	2692	>VHL-A149P- FPNITLPV	171	2521
>VHL-A149P- FANITLPVYTL	5369	>VHL-A149P- FPNITLPVYTL	324	5045
>VHL-A149P- FANITLPV	2571	>VHL-A149P- FPNITLPV	95	2476
>VHL-A149P- FANITLPVY	134	>VHL-A149P- FPNITLPVY	16	118
>VHL-A149P- FANITLPVYTL	160	>VHL-A149P- FPNITLPVYTL	19	141
>VHL-A149P- FANITLPV	89	>VHL-A149P- FPNITLPV	6	83
>VHL-A149P- FANITLPVY	1960	>VHL-A149P- FPNITLPVY	54	1906
>VHL-A149P- FANITLPVYT	18007	>VHL-A149P- FPNITLPVYT	49	17958
>VHL-A149P- FANITLPVYTL	3501	>VHL-A149P- FPNITLPVYTL	40	3461
>VHL-A149P- FANITLPVY	103	>VHL-A149P- FPNITLPVY	18921	18818
>VHL-A149P- FANITLPVYTL	310	>VHL-A149P- FPNITLPVYTL	3649	3339
>VHL-A149P- FANITLPVYTL	3889	>VHL-A149P- FPNITLPVYTL	141	3748
>VHL-A149P- FANITLPVYTL	4425	>VHL-A149P- FPNITLPVYTL	97	4328
>VHL-A149P- SLNVDGQPIF	120	>VHL-A149P- SLNVDGQPIF	6529	6409
>VHL-A149P- SLNVDGQPIF	71	>VHL-A149P- SLNVDGQPIF	13417	13346
>VHL-A149P- SLNVDGQPIF	58	>VHL-A149P- SLNVDGQPIF	6898	6840
>VHL-A149P- SLNVDGQPIF	235	>VHL-A149P- SLNVDGQPIF	17807	17572
>VHL-A149P- SLNVDGQPIF	29	>VHL-A149P- SLNVDGQPIF	7973	7944
>VHL-A149P- SLNVDGQPIF	42	>VHL-A149P- SLNVDGQPIF	9985	9943
>VHL-A149P- IFANITLPV	35	>VHL-A149P- IFPNITLPV	719	684
>VHL-A149P- IFANITLPV	478	>VHL-A149P- IFPNITLPV	3379	2901
>VHL-A149P- IFANITLPVY	52	>VHL-A149P- IFPNITLPVY	88	36
>VHL-A149P- IFANITLPVY	87	>VHL-A149P- IFPNITLPVY	180	93
>VHL-A149P- IFANITLPVY	137	>VHL-A149P- IFPNITLPVY	705	568
>VHL-A149P- PIFANITLPV	393	>VHL-A149P- PIFPNITLPV	692	299
>VHL-A149P- PIFANITLPV	79	>VHL-A149P- PIFPNITLPV	127	48
>VHL-A149P- PIFANITL	323	>VHL-A149P- PIFPNITL	247	76
>VHL-A149P- PIFANITLPV	21	>VHL-A149P- PIFPNITLPV	21	0
>VHL-A149P- PIFANITLPV	76	>VHL-A149P- PIFPNITLPV	56	20
>VHL-A149P- PIFANITL	341	>VHL-A149P- PIFPNITL	155	186
>VHL-A149P- PIFANITLPV	25	>VHL-A149P- PIFPNITLPV	15	10
>VHL-A149P- PIFANITLPVY	135	>VHL-A149P- PIFPNITLPVY	80	55
>VHL-A149P- PIFANITLPVY	195	>VHL-A149P- PIFPNITLPVY	184	11
>VHL-A149P- PIFANITL	336	>VHL-A149P- PIFPNITL	636	300
>VHL-A149P- PIFANITLPV	218	>VHL-A149P- PIFPNITLPV	300	82
>VHL-A149P- QPIFANITL	10	>VHL-A149P- QPIFPNITL	2324	2314
>VHL-A149P- QPIFANITLPV	151	>VHL-A149P- QPIFPNITLPV	106	45

>VHL-A149P-QPIFANITLPV	72	>VHL-A149P-QPIFPNITLPV	54	18
>VHL-A149P-QPIFANITL	393	>VHL-A149P-QPIFPNITL	207	186
>VHL-A149P-QPIFANITLPV	157	>VHL-A149P-QPIFPNITLPV	117	40
>VHL-A149P-QPIFANITL	51	>VHL-A149P-QPIFPNITL	159	108
>VHL-A149P-QPIFANITLPV	148	>VHL-A149P-QPIFPNITLPV	357	209
>VHL-A149P-QPIFANITL	118	>VHL-A149P-QPIFPNITL	306	188
>VHL-A149P-QPIFANITL	373	>VHL-A149P-QPIFPNITL	486	113
>VHL-A149P-QPIFANITLPV	204	>VHL-A149P-QPIFPNITLPV	163	41
>VHL-A149P-GQPIFANI	412	>VHL-A149P-GQPIFPNI	2636	2224
>VHL-A149P-GQPIFANITL	236	>VHL-A149P-GQPIFPNITL	167	69
>VHL-A149P-GQPIFANI	241	>VHL-A149P-GQPIFPNI	357	116
>VHL-A149P-GQPIFANITL	430	>VHL-A149P-GQPIFPNITL	543	113
>VHL-A149P-GQPIFANITL	547	>VHL-A149P-GQPIFPNITL	358	189
>VHL-A149P-VDGQPIFANI	444	>VHL-A149P-VDGQPIFPNI	896	452
>VHL-A149P-NVDGQPIFANI	253	>VHL-A149P-NVDGQPIFPNI	1474	1221
>VHL-A149P-NVDGQPIFANI	61	>VHL-A149P-NVDGQPIFPNI	43	18
>VHL-A207T-ERIAHQRM	303	>VHL-A207T-ERITHQRM	206	97
>VHL-A207T-QERIAHQRM	322	>VHL-A207T-QERITHQRM	1092	770
>VHL-A207T-QERIAHQRM	464	>VHL-A207T-QERITHQRM	638	174
>VHL-A207T-TQERIAHQRM	152	>VHL-A207T-TQERITHQRM	49	103
>VHL-A207T-TQERIAHQRM	166	>VHL-A207T-TQERITHQRM	120	46
>VHL-A207T-LTQERIAHQRM	43	>VHL-A207T-LTQERITHQRM	36	7
>VHL-A207T-LTQERIAHQRM	317	>VHL-A207T-LTQERITHQRM	235	82
>VHL-A207T-LTQERIAHQRM	119	>VHL-A207T-LTQERITHQRM	97	22
>VHL-A207T-LTQERIAHQRM	9	>VHL-A207T-LTQERITHQRM	11	2
>VHL-A207T-LTQERIAHQRM	109	>VHL-A207T-LTQERITHQRM	59	50
>VHL-A207T-LTQERIAHQRM	751	>VHL-A207T-LTQERITHQRM	464	287
>VHL-A207T-RLTQERIAHQRM	311	>VHL-A207T-RLTQERITHQRM	2419	2108
>VHL-A207T-RLTQERIAHQRM	174	>VHL-A207T-RLTQERITHQRM	177	3
>VHL-A207T-RLTQERIAHQRM	79	>VHL-A207T-RLTQERITHQRM	57	22
>VHL-A207T-RLTQERIAHQRM	497	>VHL-A207T-RLTQERITHQRM	396	101
>VHL-A207T-RLTQERIAHQRM	45	>VHL-A207T-RLTQERITHQRM	37	8
>VHL-A207T-LERLTQERIAHQRM	341	>VHL-A207T-LERLTQERITHQRM	455	114
>VHL-A207V-DLERLTQERIAHQRM	7693	>VHL-A207V-DLERLTQERITHQRM	254	7439
>VHL-A207V-ERIAHQRM	303	>VHL-A207V-ERIVHQRM	600	297
>VHL-A207V-QERIAHQRM	322	>VHL-A207V-QERIVHQRM	613	291
>VHL-A207V-QERIAHQRM	464	>VHL-A207V-QERIVHQRM	535	71
>VHL-A207V-QERIAHQRM	643	>VHL-A207V-QERIVHQRM	414	229
>VHL-A207V-TQERIAHQRM	152	>VHL-A207V-TQERIVHQRM	58	94
>VHL-A207V-TQERIAHQRM	166	>VHL-A207V-TQERIVHQRM	181	15
>VHL-A207V-LTQERIAHQRM	43	>VHL-A207V-LTQERIVHQRM	39	4
>VHL-A207V-LTQERIAHQRM	317	>VHL-A207V-LTQERIVHQRM	352	35
>VHL-A207V-LTQERIAHQRM	119	>VHL-A207V-LTQERIVHQRM	154	35

>VHL-A207V-LTQERIAHQR	9	>VHL-A207V-LTQERIVHQR	16	7
>VHL-A207V-LTQERIAHQR	109	>VHL-A207V-LTQERIVHQR	116	7
>VHL-A207V-LTQERIAHQR	751	>VHL-A207V-LTQERIVHQR	381	370
>VHL-A207V-RLTQERIA	4847	>VHL-A207V-RLTQERIV	130	4717
>VHL-A207V-RLTQERIA	10352	>VHL-A207V-RLTQERIV	449	9903
>VHL-A207V-RLTQERIA	4966	>VHL-A207V-RLTQERIV	67	4899
>VHL-A207V-RLTQERIA	311	>VHL-A207V-RLTQERIV	10	301
>VHL-A207V-RLTQERIAHQ	174	>VHL-A207V-RLTQERIVHQ	206	32
>VHL-A207V-RLTQERIAHQ	79	>VHL-A207V-RLTQERIVHQ	66	13
>VHL-A207V-RLTQERIAHQ	497	>VHL-A207V-RLTQERIVHQ	502	5
>VHL-A207V-RLTQERIAHQ	45	>VHL-A207V-RLTQERIVHQ	52	7
>VHL-A207V-LERLTQERIAH	341	>VHL-A207V-LERLTQERIVH	877	536
>VHL-A207V-LERLTQERIA	4835	>VHL-A207V-LERLTQERIV	285	4550
>VHL-A50G-vAEEEMEAG	319	>VHL-A50G-rGEEEMEAG	3438	3119
>VHL-A50G-vAEEEMEAGR	430	>VHL-A50G-rGEEEMEAGR	4609	4179
>VHL-A50G-vLGAEEMEAC	442	>VHL-A50G-rLGGEEMEAC	4373	3931
>VHL-A50G-vELGAEEMEAC	238	>VHL-A50G-rELGGEEMEAC	84	154
>VHL-A50G-vEELGAEEM	277	>VHL-A50G-rEELGGEEM	218	59
>VHL-A50G-vEELGAEEM	588	>VHL-A50G-rEELGGEEM	339	249
>VHL-A50G-vEELGAEEME	18	>VHL-A50G-rEELGGEEME	15	3
>VHL-A50G-vGPEELGAE	247	>VHL-A50G-rGPEELGAE	387	140
>VHL-A50G-vEESGPEELGA	355	>VHL-A50G-rEESGPEELGG	2090	1735
>VHL-A50P-vAEEEMEAG	319	>VHL-A50P-nPEEEMEAG	19144	18825
>VHL-A50P-vAEEEMEAGR	430	>VHL-A50P-nPEEEMEAGR	11602	11172
>VHL-A50P-vLGAEEMEAC	442	>VHL-A50P-nLGPEEMEAC	4609	4167
>VHL-A50P-vELGAEEMEAC	238	>VHL-A50P-nELGPEEMEAC	104	134
>VHL-A50P-vEELGAEEM	277	>VHL-A50P-nEELGPEEM	643	366
>VHL-A50P-vEELGAEEM	588	>VHL-A50P-nEELGPEEM	489	99
>VHL-A50P-vEELGAEEME	18	>VHL-A50P-nEELGPEEME	21	3
>VHL-A50P-vGPEELGAE	247	>VHL-A50P-nGPEELGAE	424	177
>VHL-A50P-vEESGPEELGA	355	>VHL-A50P-nEESGPEELGP	3714	3359
>VHL-A50T-vAEEEMEAG	319	>VHL-A50T-nTEEEMEAG	3972	3653
>VHL-A50T-vAEEEMEAGR	430	>VHL-A50T-nTEEEMEAGR	3947	3517
>VHL-A50T-vLGAEEMEAC	442	>VHL-A50T-nLGTEEMEAC	1038	596
>VHL-A50T-vELGAEEMEAC	238	>VHL-A50T-nELGTEEMEAC	458	220
>VHL-A50T-vEELGAEEM	277	>VHL-A50T-nEELGTEEM	422	145
>VHL-A50T-vEELGAEEM	588	>VHL-A50T-nEELGTEEM	449	139
>VHL-A50T-vEELGAEEME	18	>VHL-A50T-nEELGTEEME	16	2
>VHL-A50T-vGPEELGAE	247	>VHL-A50T-nGPEELGAE	305	58
>VHL-A50T-vEESGPEELGA	355	>VHL-A50T-nEESGPEELGT	1741	1386
>VHL-C162F-CLQVVRSL	4465	>VHL-C162F-FLQVVRSL	89	4376
>VHL-C162F-CLQVVRSLV	2917	>VHL-C162F-FLQVVRSLV	43	2874
>VHL-C162F-CLQVVRSL	1434	>VHL-C162F-FLQVVRSL	23	1411

>VHL-C162F- CLQVVRSLV	517	>VHL-C162F- FLQVVRSLV	8	509
>VHL-C162F- CLQVVRSL	1441	>VHL-C162F- FLQVVRSL	35	1406
>VHL-C162F- CLQVVRSLV	325	>VHL-C162F- FLQVVRSLV	8	317
>VHL-C162F- CLQVVRSLV	6264	>VHL-C162F- FLQVVRSLV	118	6146
>VHL-C162F- CLQVVRSL	888	>VHL-C162F- FLQVVRSL	14	874
>VHL-C162F- CLQVVRSLV	456	>VHL-C162F- FLQVVRSLV	7	449
>VHL-C162F- CLQVVRSL	1543	>VHL-C162F- FLQVVRSL	30	1513
>VHL-C162F- CLQVVRSLV	920	>VHL-C162F- FLQVVRSLV	25	895
>VHL-C162F- CLQVVRSL	7416	>VHL-C162F- FLQVVRSL	112	7304
>VHL-C162F- CLQVVRSLV	1170	>VHL-C162F- FLQVVRSLV	15	1155
>VHL-C162F- CLQVVRSL	3681	>VHL-C162F- FLQVVRSL	265	3416
>VHL-C162F- CLQVVRSLV	1839	>VHL-C162F- FLQVVRSLV	131	1708
>VHL-C162F- CLQVVRSL	274	>VHL-C162F- FLQVVRSL	5	269
>VHL-C162F- CLQVVRSLV	16	>VHL-C162F- FLQVVRSLV	2	14
>VHL-C162F- CLQVVRSLVK	97	>VHL-C162F- FLQVVRSLVK	82	15
>VHL-C162F- CLQVVRSLVK	305	>VHL-C162F- FLQVVRSLVK	172	133
>VHL-C162F- CLQVVRSL	2306	>VHL-C162F- FLQVVRSL	293	2013
>VHL-C162F- RCLQVVRSLV	392	>VHL-C162F- RFLQVVRSLV	514	122
>VHL-C162F- RCLQVVRSL	5956	>VHL-C162F- RFLQVVRSL	9	5947
>VHL-C162F- RCLQVVRSLV	17986	>VHL-C162F- RFLQVVRSLV	399	17587
>VHL-C162F- RCLQVVRSLV	67	>VHL-C162F- RFLQVVRSLV	22	45
>VHL-C162F- RCLQVVRSLV	6115	>VHL-C162F- RFLQVVRSLV	415	5700
>VHL-C162F- RCLQVVRSL	90	>VHL-C162F- RFLQVVRSL	203	113
>VHL-C162F- RCLQVVRSLV	619	>VHL-C162F- RFLQVVRSLV	139	480
>VHL-C162F- RCLQVVRSL	21876	>VHL-C162F- RFLQVVRSL	85	21791
>VHL-C162F- RCLQVVRSLV	17485	>VHL-C162F- RFLQVVRSLV	85	17400
>VHL-C162F- ERCLQVVR	1477	>VHL-C162F- ERFLQVVR	192	1285
>VHL-C162F- ERCLQVVRSL	5304	>VHL-C162F- ERFLQVVRSL'	391	4913
>VHL-C162F- ERCLQVVR	6302	>VHL-C162F- ERFLQVVR	194	6108
>VHL-C162F- ERCLQVVRSL	233	>VHL-C162F- ERFLQVVRSL	39	194
>VHL-C162F- ERCLQVVRSL	7805	>VHL-C162F- ERFLQVVRSL'	331	7474
>VHL-C162F- ERCLQVVRSL	925	>VHL-C162F- ERFLQVVRSL	217	708
>VHL-C162F- ERCLQVVRSL	884	>VHL-C162F- ERFLQVVRSL	479	405
>VHL-C162F- ERCLQVVRSL	432	>VHL-C162F- ERFLQVVRSL	356	76
>VHL-C162F- ERCLQVVR	491	>VHL-C162F- ERFLQVVR	183	308
>VHL-C162F- KERCLQVV	67	>VHL-C162F- KERFLQVV	54	13
>VHL-C162F- KERCLQVVR	367	>VHL-C162F- KERFLQVVR	272	95
>VHL-C162F- KERCLQVVRS	291	>VHL-C162F- KERFLQVVRS	1061	770
>VHL-C162F- KERCLQVVRS	595	>VHL-C162F- KERFLQVVRS	445	150
>VHL-C162F- KERCLQVV	80	>VHL-C162F- KERFLQVV	34	46
>VHL-C162F- KERCLQVVRS	27	>VHL-C162F- KERFLQVVRS	16	11
>VHL-C162F- KERCLQVV	148	>VHL-C162F- KERFLQVV	98	50
>VHL-C162F- KERCLQVV	1999	>VHL-C162F- KERFLQVV	264	1735

>VHL-C162F- KERCLQVVRS	39	>VHL-C162F- KERFLQVVRS	42	3
>VHL-C162F- LKERCLQVV	714	>VHL-C162F- LKERFLQVV	398	316
>VHL-C162F- TLKERCLQV	403	>VHL-C162F- TLKERFLQV	164	239
>VHL-C162F- TLKERCLQV	328	>VHL-C162F- TLKERFLQV	133	195
>VHL-C162F- TLKERCLQVV	514	>VHL-C162F- TLKERFLQVV	275	239
>VHL-C162F- TLKERCLQV	7	>VHL-C162F- TLKERFLQV	5	2
>VHL-C162F- TLKERCLQVV	50	>VHL-C162F- TLKERFLQVV	39	11
>VHL-C162F- TLKERCLQV	909	>VHL-C162F- TLKERFLQV	44	865
>VHL-C162F- TLKERCLQV	186	>VHL-C162F- TLKERFLQV	33	153
>VHL-C162F- TLKERCLQVV	141	>VHL-C162F- TLKERFLQVV	30	111
>VHL-C162F- TLKERCLQV	1011	>VHL-C162F- TLKERFLQV	179	832
>VHL-C162F- TLKERCLQVV	109	>VHL-C162F- TLKERFLQVV	49	60
>VHL-C162F- TLKERCLQV	308	>VHL-C162F- TLKERFLQV	105	203
>VHL-C162F- TLKERCLQVV	369	>VHL-C162F- TLKERFLQVV	185	184
>VHL-C162F- TLKERCLQV	3	>VHL-C162F- TLKERFLQV	2	1
>VHL-C162F- TLKERCLQVV	4	>VHL-C162F- TLKERFLQVV	3	1
>VHL-C162F- TLKERCLQVV	58	>VHL-C162F- TLKERFLQVV	23	35
>VHL-C162F- TLKERCLQVV	96	>VHL-C162F- TLKERFLQVV	62	34
>VHL-C162F- TLKERCLQVV	211	>VHL-C162F- TLKERFLQVV	196	15
>VHL-C162F- TLKERCLQV	84	>VHL-C162F- TLKERFLQV	22	62
>VHL-C162F- TLKERCLQVV	436	>VHL-C162F- TLKERFLQVV	224	212
>VHL-C162F- YTLKERCLQV	93	>VHL-C162F- YTLKERFLQV	61	32
>VHL-C162F- YTLKERCLQV'	308	>VHL-C162F- YTLKERFLQV'	128	180
>VHL-C162F- YTLKERCLQV	127	>VHL-C162F- YTLKERFLQV	83	44
>VHL-C162F- YTLKERCL	3877	>VHL-C162F- YTLKERFL	376	3501
>VHL-C162F- YTLKERCLQV	39	>VHL-C162F- YTLKERFLQV	26	13
>VHL-C162F- YTLKERCLQV'	83	>VHL-C162F- YTLKERFLQV'	35	48
>VHL-C162F- YTLKERCL	1939	>VHL-C162F- YTLKERFL	306	1633
>VHL-C162F- YTLKERCLQV	32	>VHL-C162F- YTLKERFLQV	16	16
>VHL-C162F- YTLKERCLQV'	28	>VHL-C162F- YTLKERFLQV'	16	12
>VHL-C162F- YTLKERCLQV	860	>VHL-C162F- YTLKERFLQV	217	643
>VHL-C162F- YTLKERCLQV'	95	>VHL-C162F- YTLKERFLQV'	64	31
>VHL-C162F- YTLKERCLQV	31	>VHL-C162F- YTLKERFLQV	20	11
>VHL-C162F- YTLKERCLQV'	40	>VHL-C162F- YTLKERFLQV'	29	11
>VHL-C162F- YTLKERCLQV	709	>VHL-C162F- YTLKERFLQV	384	325
>VHL-C162F- YTLKERCLQV'	416	>VHL-C162F- YTLKERFLQV'	289	127
>VHL-C162F- YTLKERCLQV	19	>VHL-C162F- YTLKERFLQV	15	4
>VHL-C162F- YTLKERCLQV'	21	>VHL-C162F- YTLKERFLQV'	19	2
>VHL-C162F- YTLKERCLQV'	819	>VHL-C162F- YTLKERFLQV'	364	455
>VHL-C162F- YTLKERCL	3354	>VHL-C162F- YTLKERFL	394	2960
>VHL-C162F- YTLKERCLQV	14	>VHL-C162F- YTLKERFLQV	7	7
>VHL-C162F- YTLKERCLQV'	53	>VHL-C162F- YTLKERFLQV'	18	35
>VHL-C162F- YTLKERCL	205	>VHL-C162F- YTLKERFL	44	161



>VHL-C162F- YTLKERCLQV	211	>VHL-C162F- YTLKERFLQV	274	63
>VHL-C162F- YTLKERCL	280	>VHL-C162F- YTLKERFL	1169	889
>VHL-C162F- YTLKERCLQV'	130	>VHL-C162F- YTLKERFLQV'	96	34
>VHL-C162F- VYTLKERC	27678	>VHL-C162F- VYTLKERF	199	27479
>VHL-C162F- VYTLKERC	17028	>VHL-C162F- VYTLKERF	463	16565
>VHL-C162F- VYTLKERC	10474	>VHL-C162F- VYTLKERF	49	10425
>VHL-C162F- VYTLKERCL	2394	>VHL-C162F- VYTLKERFL	274	2120
>VHL-C162F- LPVYTLKERCI	224	>VHL-C162F- LPVYTLKERFL	209	15
>VHL-C162F- LPVYTLKERC	16904	>VHL-C162F- LPVYTLKERF	225	16679
>VHL-C162F- LPVYTLKERC	7934	>VHL-C162F- LPVYTLKERF	263	7671
>VHL-C162F- LPVYTLKERCI	620	>VHL-C162F- LPVYTLKERFL	494	126
>VHL-C162F- LPVYTLKERC	337	>VHL-C162F- LPVYTLKERF	666	329
>VHL-C162F- LPVYTLKERC	10092	>VHL-C162F- LPVYTLKERF	66	10026
>VHL-C162R- CLQVVRSL	1434	>VHL-C162R- RLQVVRSL	423	1011
>VHL-C162R- CLQVVRSLV	517	>VHL-C162R- RLQVVRSLV	159	358
>VHL-C162R- CLQVVRSL	1441	>VHL-C162R- RLQVVRSL	362	1079
>VHL-C162R- CLQVVRSLV	325	>VHL-C162R- RLQVVRSLV	53	272
>VHL-C162R- CLQVVRSL	888	>VHL-C162R- RLQVVRSL	99	789
>VHL-C162R- CLQVVRSLV	456	>VHL-C162R- RLQVVRSLV	42	414
>VHL-C162R- CLQVVRSL	1543	>VHL-C162R- RLQVVRSL	399	1144
>VHL-C162R- CLQVVRSLV	920	>VHL-C162R- RLQVVRSLV	245	675
>VHL-C162R- CLQVVRSLV	1170	>VHL-C162R- RLQVVRSLV	87	1083
>VHL-C162R- CLQVVRSL	274	>VHL-C162R- RLQVVRSL	58	216
>VHL-C162R- CLQVVRSLV	16	>VHL-C162R- RLQVVRSLV	9	7
>VHL-C162R- CLQVVRSLVK	97	>VHL-C162R- RLQVVRSLVK	26	71
>VHL-C162R- CLQVVRSLVK	305	>VHL-C162R- RLQVVRSLVK	83	222
>VHL-C162R- CLQVVRSLVK	2197	>VHL-C162R- RLQVVRSLVK	27	2170
>VHL-C162R- CLQVVRSL	11478	>VHL-C162R- RLQVVRSL	136	11342
>VHL-C162R- CLQVVRSLV	5204	>VHL-C162R- RLQVVRSLV	348	4856
>VHL-C162R- CLQVVRSL	14477	>VHL-C162R- RLQVVRSL	340	14137
>VHL-C162R- CLQVVRSLVK	1142	>VHL-C162R- RLQVVRSLVK	204	938
>VHL-C162R- RCLQVVRSLV	392	>VHL-C162R- RRLQVVRSLV	3656	3264
>VHL-C162R- RCLQVVRSLV	67	>VHL-C162R- RRLQVVRSLV	629	562
>VHL-C162R- RCLQVVRSL	90	>VHL-C162R- RRLQVVRSL	1123	1033
>VHL-C162R- RCLQVVRSL	2328	>VHL-C162R- RRLQVVRSL	113	2215
>VHL-C162R- RCLQVVRSLV	5751	>VHL-C162R- RRLQVVRSLV	385	5366
>VHL-C162R- RCLQVVRS	22176	>VHL-C162R- RRLQVVRS	95	22081
>VHL-C162R- RCLQVVRSL	14705	>VHL-C162R- RRLQVVRSL	15	14690
>VHL-C162R- RCLQVVRSLV	20068	>VHL-C162R- RRLQVVRSLV	22	20046
>VHL-C162R- RCLQVVRSLV	13700	>VHL-C162R- RRLQVVRSLV	22	13678
>VHL-C162R- RCLQVVRSL	12026	>VHL-C162R- RRLQVVRSL	328	11698
>VHL-C162R- RCLQVVRS	20699	>VHL-C162R- RRLQVVRS	171	20528
>VHL-C162R- RCLQVVRSLV	13622	>VHL-C162R- RRLQVVRSLV	34	13588

>VHL-C162R- RCLQVVRSLV	17420	>VHL-C162R- RRLQVVRSLV	68	17352
>VHL-C162R- RCLQVVRSLV	19120	>VHL-C162R- RRLQVVRSLV	45	19075
>VHL-C162R- RCLQVVRSLV	10527	>VHL-C162R- RRLQVVRSLV	24	10503
>VHL-C162R- TLPVYTLKER(C	43478	>VHL-C162R- TLPVYTLKERF	483	42995
>VHL-C162R- TLPVYTLKER(C	37201	>VHL-C162R- TLPVYTLKERF	416	36785
>VHL-C162R- ERCLQVVRSL	233	>VHL-C162R- ERRLQVVRSL	89	144
>VHL-C162R- ERCLQVVRSL	884	>VHL-C162R- ERRLQVVRSL	179	705
>VHL-C162R- ERCLQVVRSL	432	>VHL-C162R- ERRLQVVRSL	160	272
>VHL-C162R- ERCLQVVR	491	>VHL-C162R- ERRLQVVR	1247	756
>VHL-C162R- KERCLQVV	67	>VHL-C162R- KERRLQVV	136	69
>VHL-C162R- KERCLQVVRS	1629	>VHL-C162R- KERRLQVVRS	452	1177
>VHL-C162R- KERCLQVVVR	367	>VHL-C162R- KERRLQVVVR	246	121
>VHL-C162R- KERCLQVVRS	291	>VHL-C162R- KERRLQVVRS	494	203
>VHL-C162R- KERCLQVV	80	>VHL-C162R- KERRLQVV	55	25
>VHL-C162R- KERCLQVVRS	27	>VHL-C162R- KERRLQVVRS	17	10
>VHL-C162R- KERCLQVV	148	>VHL-C162R- KERRLQVV	186	38
>VHL-C162R- KERCLQVVRS	39	>VHL-C162R- KERRLQVVRS	40	1
>VHL-C162R- TLKERCLQV	403	>VHL-C162R- TLKERRLQV	2691	2288
>VHL-C162R- TLKERCLQV	328	>VHL-C162R- TLKERRLQV	1399	1071
>VHL-C162R- TLKERCLQV	7	>VHL-C162R- TLKERRLQV	20	13
>VHL-C162R- TLKERCLQVV	50	>VHL-C162R- TLKERRLQVV	78	28
>VHL-C162R- TLKERCLQV	186	>VHL-C162R- TLKERRLQV	461	275
>VHL-C162R- TLKERCLQVV	141	>VHL-C162R- TLKERRLQVV	197	56
>VHL-C162R- TLKERCLQVV	109	>VHL-C162R- TLKERRLQVV	245	136
>VHL-C162R- TLKERCLQV	308	>VHL-C162R- TLKERRLQV	1030	722
>VHL-C162R- TLKERCLQVV	369	>VHL-C162R- TLKERRLQVV	767	398
>VHL-C162R- TLKERCLQV	3	>VHL-C162R- TLKERRLQV	3	0
>VHL-C162R- TLKERCLQVV	4	>VHL-C162R- TLKERRLQVV	4	0
>VHL-C162R- TLKERCLQVV	58	>VHL-C162R- TLKERRLQVV	27	31
>VHL-C162R- TLKERCLQVV	96	>VHL-C162R- TLKERRLQVV	78	18
>VHL-C162R- TLKERCLQVV	211	>VHL-C162R- TLKERRLQVV	218	7
>VHL-C162R- TLKERCLQV	84	>VHL-C162R- TLKERRLQV	32	52
>VHL-C162R- TLKERCLQVV	436	>VHL-C162R- TLKERRLQVV	389	47
>VHL-C162R- YTLKERCLQV	93	>VHL-C162R- YTLKERRLQV	346	253
>VHL-C162R- YTLKERCLQV'	308	>VHL-C162R- YTLKERRLQV'	919	611
>VHL-C162R- YTLKERCLQV	127	>VHL-C162R- YTLKERRLQV	250	123
>VHL-C162R- YTLKERCLQV	39	>VHL-C162R- YTLKERRLQV	70	31
>VHL-C162R- YTLKERCLQV'	83	>VHL-C162R- YTLKERRLQV'	182	99
>VHL-C162R- YTLKERCLQV	32	>VHL-C162R- YTLKERRLQV	98	66
>VHL-C162R- YTLKERCLQV'	28	>VHL-C162R- YTLKERRLQV'	53	25
>VHL-C162R- YTLKERCLQV'	95	>VHL-C162R- YTLKERRLQV'	258	163
>VHL-C162R- YTLKERCLQV	31	>VHL-C162R- YTLKERRLQV	163	132
>VHL-C162R- YTLKERCLQV'	40	>VHL-C162R- YTLKERRLQV'	153	113

>VHL-C162R-YTLKERCLQV'	416	>VHL-C162R-YTLKERRLQV'	1519	1103
>VHL-C162R-YTLKERCLQV	19	>VHL-C162R-YTLKERRLQV	50	31
>VHL-C162R-YTLKERCLQV'	21	>VHL-C162R-YTLKERRLQV'	64	43
>VHL-C162R-YTLKERCLQV	14	>VHL-C162R-YTLKERRLQV	29	15
>VHL-C162R-YTLKERCLQV'	53	>VHL-C162R-YTLKERRLQV'	113	60
>VHL-C162R-YTLKERCL	205	>VHL-C162R-YTLKERRL	24	181
>VHL-C162R-YTLKERCLQV	211	>VHL-C162R-YTLKERRLQV	371	160
>VHL-C162R-YTLKERCL	280	>VHL-C162R-YTLKERRL	1371	1091
>VHL-C162R-YTLKERCLQV'	130	>VHL-C162R-YTLKERRLQV'	155	25
>VHL-C162R-VYTLKERC	22006	>VHL-C162R-VYTLKERR	467	21539
>VHL-C162R-VYTLKERC	38230	>VHL-C162R-VYTLKERR	385	37845
>VHL-C162R-VYTLKERC	36497	>VHL-C162R-VYTLKERR	207	36290
>VHL-C162R-LPVYTLKERCI	224	>VHL-C162R-LPVYTLKERRI	119	105
>VHL-C162R-LPVYTLKERC	337	>VHL-C162R-LPVYTLKERR	1207	870
>VHL-C162W-CLQVVRSI	1434	>VHL-C162W-WLQVVRSI	283	1151
>VHL-C162W-CLQVVRSI	517	>VHL-C162W-WLQVVRSI	102	415
>VHL-C162W-CLQVVRSI	1441	>VHL-C162W-WLQVVRSI	321	1120
>VHL-C162W-CLQVVRSI	325	>VHL-C162W-WLQVVRSI	52	273
>VHL-C162W-CLQVVRSI	888	>VHL-C162W-WLQVVRSI	82	806
>VHL-C162W-CLQVVRSI	456	>VHL-C162W-WLQVVRSI	32	424
>VHL-C162W-CLQVVRSI	1543	>VHL-C162W-WLQVVRSI	303	1240
>VHL-C162W-CLQVVRSI	920	>VHL-C162W-WLQVVRSI	175	745
>VHL-C162W-CLQVVRSI	1170	>VHL-C162W-WLQVVRSI	60	1110
>VHL-C162W-CLQVVRSI	1839	>VHL-C162W-WLQVVRSI	241	1598
>VHL-C162W-CLQVVRSI	274	>VHL-C162W-WLQVVRSI	21	253
>VHL-C162W-CLQVVRSI	16	>VHL-C162W-WLQVVRSI	3	13
>VHL-C162W-CLQVVRSI	97	>VHL-C162W-WLQVVRSI	114	17
>VHL-C162W-CLQVVRSI	305	>VHL-C162W-WLQVVRSI	396	91
>VHL-C162W-CLQVVRSI	5204	>VHL-C162W-WLQVVRSI	189	5015
>VHL-C162W-CLQVVRSI	1142	>VHL-C162W-WLQVVRSI	96	1046
>VHL-C162W-RCLQVVRSI	392	>VHL-C162W-RWLQVVRSI	1656	1264
>VHL-C162W-RCLQVVRSI	27346	>VHL-C162W-RWLQVVRSI	355	26991
>VHL-C162W-RCLQVVRSI	5956	>VHL-C162W-RWLQVVRSI	10	5946
>VHL-C162W-RCLQVVRSI	17986	>VHL-C162W-RWLQVVRSI	342	17644
>VHL-C162W-RCLQVVRSI	67	>VHL-C162W-RWLQVVRSI	70	3
>VHL-C162W-RCLQVVRSI	90	>VHL-C162W-RWLQVVRSI	1019	929
>VHL-C162W-RCLQVVRSI	619	>VHL-C162W-RWLQVVRSI	34	585
>VHL-C162W-RCLQVVRS	36419	>VHL-C162W-RWLQVVRS	229	36190
>VHL-C162W-RCLQVVRSI	21876	>VHL-C162W-RWLQVVRSI	25	21851
>VHL-C162W-RCLQVVRSI	17485	>VHL-C162W-RWLQVVRSI	32	17453
>VHL-C162W-RCLQVVRSI	34037	>VHL-C162W-RWLQVVRSI	213	33824
>VHL-C162W-ERCLQVVR	6302	>VHL-C162W-ERWLQVVR	109	6193
>VHL-C162W-ERCLQVVR	233	>VHL-C162W-ERWLQVVR	37	196

>VHL-C162W ERCLQVVRSL	7805	>VHL-C162W ERWLQVVRS	187	7618
>VHL-C162W ERCLQVVRS	12193	>VHL-C162W ERWLQVVRS	457	11736
>VHL-C162W ERCLQVVRSL	7914	>VHL-C162W ERWLQVVRS	244	7670
>VHL-C162W ERCLQVVRSL	884	>VHL-C162W ERWLQVVRS	146	738
>VHL-C162W ERCLQVVRSL	2847	>VHL-C162W ERWLQVVRS	279	2568
>VHL-C162W ERCLQVVRSL	432	>VHL-C162W ERWLQVVRS	155	277
>VHL-C162W ERCLQVVRSL	2470	>VHL-C162W ERWLQVVRS	254	2216
>VHL-C162W ERCLQVVR	491	>VHL-C162W ERWLQVVR	89	402
>VHL-C162W KERCLQVV	67	>VHL-C162W KERWLQVV	43	24
>VHL-C162W KERCLQVVR	367	>VHL-C162W KERWLQVVR	204	163
>VHL-C162W KERCLQVVRS	291	>VHL-C162W KERWLQVVR	1889	1598
>VHL-C162W KERCLQVVRS	1345	>VHL-C162W KERWLQVVR	368	977
>VHL-C162W KERCLQVVRS	595	>VHL-C162W KERWLQVVR	132	463
>VHL-C162W KERCLQVV	80	>VHL-C162W KERWLQVV	76	4
>VHL-C162W KERCLQVVRS	27	>VHL-C162W KERWLQVVR	27	0
>VHL-C162W KERCLQVV	148	>VHL-C162W KERWLQVV	83	65
>VHL-C162W KERCLQVV	1999	>VHL-C162W KERWLQVV	438	1561
>VHL-C162W KERCLQVVRS	39	>VHL-C162W KERWLQVVR	27	12
>VHL-C162W TLKERCLQV	403	>VHL-C162W TLKERWLQV	267	136
>VHL-C162W TLKERCLQV	328	>VHL-C162W TLKERWLQV	481	153
>VHL-C162W TLKERCLQV	7	>VHL-C162W TLKERWLQV	9	2
>VHL-C162W TLKERCLQVV	50	>VHL-C162W TLKERWLQV\	76	26
>VHL-C162W TLKERCLQV	909	>VHL-C162W TLKERWLQV	138	771
>VHL-C162W TLKERCLQV	186	>VHL-C162W TLKERWLQV	31	155
>VHL-C162W TLKERCLQVV	141	>VHL-C162W TLKERWLQV\	21	120
>VHL-C162W TLKERCLQVV	109	>VHL-C162W TLKERWLQV\	65	44
>VHL-C162W TLKERCLQV	308	>VHL-C162W TLKERWLQV	63	245
>VHL-C162W TLKERCLQVV	369	>VHL-C162W TLKERWLQV\	87	282
>VHL-C162W TLKERCLQ	850	>VHL-C162W TLKERWLQ	331	519
>VHL-C162W TLKERCLQV	3	>VHL-C162W TLKERWLQV	4	1
>VHL-C162W TLKERCLQVV	4	>VHL-C162W TLKERWLQV\	4	0
>VHL-C162W TLKERCLQVV	58	>VHL-C162W TLKERWLQV\	28	30
>VHL-C162W TLKERCLQVV	96	>VHL-C162W TLKERWLQV\	69	27
>VHL-C162W TLKERCLQVV	211	>VHL-C162W TLKERWLQV\	256	45
>VHL-C162W TLKERCLQV	84	>VHL-C162W TLKERWLQV	105	21
>VHL-C162W TLKERCLQVV	436	>VHL-C162W TLKERWLQV\	259	177
>VHL-C162W YTLKERCLQV	93	>VHL-C162W YTLKERWLQ\	181	88
>VHL-C162W YTLKERCLQV'	308	>VHL-C162W YTLKERWLQ\	93	215
>VHL-C162W YTLKERCLQV	127	>VHL-C162W YTLKERWLQ\	161	34
>VHL-C162W YTLKERCLQV	39	>VHL-C162W YTLKERWLQ\	51	12
>VHL-C162W YTLKERCLQV'	83	>VHL-C162W YTLKERWLQ\	29	54
>VHL-C162W YTLKERCL	1939	>VHL-C162W YTLKERWL	411	1528
>VHL-C162W YTLKERCLQV	32	>VHL-C162W YTLKERWLQ\	11	21

>VHL-C162W YTLKERCLQV'	28	>VHL-C162W YTLKERWLQ\	10	18
>VHL-C162W YTLKERCLQV	860	>VHL-C162W YTLKERWLQ\	274	586
>VHL-C162W YTLKERCLQV'	95	>VHL-C162W YTLKERWLQ\	32	63
>VHL-C162W YTLKERCLQV	31	>VHL-C162W YTLKERWLQ\	15	16
>VHL-C162W YTLKERCLQV'	40	>VHL-C162W YTLKERWLQ\	19	21
>VHL-C162W YTLKERCLQV	709	>VHL-C162W YTLKERWLQ\	302	407
>VHL-C162W YTLKERCLQV'	416	>VHL-C162W YTLKERWLQ\	118	298
>VHL-C162W YTLKERCLQV	19	>VHL-C162W YTLKERWLQ\	19	0
>VHL-C162W YTLKERCLQV'	21	>VHL-C162W YTLKERWLQ\	11	10
>VHL-C162W YTLKERCLQV'	819	>VHL-C162W YTLKERWLQ\	440	379
>VHL-C162W YTLKERCLQV	14	>VHL-C162W YTLKERWLQ\	8	6
>VHL-C162W YTLKERCLQV'	53	>VHL-C162W YTLKERWLQ\	15	38
>VHL-C162W YTLKERCL	205	>VHL-C162W YTLKERWL	32	173
>VHL-C162W YTLKERCLQV	211	>VHL-C162W YTLKERWLQ\	217	6
>VHL-C162W YTLKERCL	280	>VHL-C162W YTLKERWL	6183	5903
>VHL-C162W YTLKERCLQV'	130	>VHL-C162W YTLKERWLQ\	164	34
>VHL-C162W VYTLKERC	10474	>VHL-C162W VYTLKERW	302	10172
>VHL-C162W VYTLKERCL	2394	>VHL-C162W VYTLKERWL	346	2048
>VHL-C162W LPVYTLKERCI	224	>VHL-C162W LPVYTLKERW	133	91
>VHL-C162W LPVYTLKERC	7934	>VHL-C162W LPVYTLKERW	159	7775
>VHL-C162W LPVYTLKERC	337	>VHL-C162W LPVYTLKERW	1829	1492
>VHL-C162W LPVYTLKERC	10092	>VHL-C162W LPVYTLKERW	8	10084
>VHL-C162W LPVYTLKERC	30471	>VHL-C162W LPVYTLKERW	339	30132
>VHL-C162Y- CLQVVRSL	4465	>VHL-C162Y- YLQVVRSL	108	4357
>VHL-C162Y- CLQVVRSLV	2917	>VHL-C162Y- YLQVVRSLV	47	2870
>VHL-C162Y- CLQVVRSL	1434	>VHL-C162Y- YLQVVRSL	43	1391
>VHL-C162Y- CLQVVRSLV	517	>VHL-C162Y- YLQVVRSLV	15	502
>VHL-C162Y- CLQVVRSL	1441	>VHL-C162Y- YLQVVRSL	46	1395
>VHL-C162Y- CLQVVRSLV	325	>VHL-C162Y- YLQVVRSLV	9	316
>VHL-C162Y- CLQVVRSLV	6264	>VHL-C162Y- YLQVVRSLV	197	6067
>VHL-C162Y- CLQVVRSL	888	>VHL-C162Y- YLQVVRSL	12	876
>VHL-C162Y- CLQVVRSLV	456	>VHL-C162Y- YLQVVRSLV	6	450
>VHL-C162Y- CLQVVRSL	1543	>VHL-C162Y- YLQVVRSL	23	1520
>VHL-C162Y- CLQVVRSLV	920	>VHL-C162Y- YLQVVRSLV	20	900
>VHL-C162Y- CLQVVRSL	7416	>VHL-C162Y- YLQVVRSL	79	7337
>VHL-C162Y- CLQVVRSLV	1170	>VHL-C162Y- YLQVVRSLV	13	1157
>VHL-C162Y- CLQVVRSL	3681	>VHL-C162Y- YLQVVRSL	125	3556
>VHL-C162Y- CLQVVRSLV	1839	>VHL-C162Y- YLQVVRSLV	42	1797
>VHL-C162Y- CLQVVRSL	274	>VHL-C162Y- YLQVVRSL	4	270
>VHL-C162Y- CLQVVRSLV	16	>VHL-C162Y- YLQVVRSLV	2	14
>VHL-C162Y- CLQVVRSLVK	97	>VHL-C162Y- YLQVVRSLVK	86	11
>VHL-C162Y- CLQVVRSLVK	305	>VHL-C162Y- YLQVVRSLVK	192	113
>VHL-C162Y- CLQVVRSL	2306	>VHL-C162Y- YLQVVRSL	329	1977

>VHL-C162Y-CLQVVRSLV	5204	>VHL-C162Y-YLQVVRSLV	183	5021
>VHL-C162Y-RCLQVVRSL	14799	>VHL-C162Y-RYLQVVRSL	20	14779
>VHL-C162Y-RCLQVVRSLV	17999	>VHL-C162Y-RYLQVVRSLV	48	17951
>VHL-C162Y-RCLQVVRSLV	392	>VHL-C162Y-RYLQVVRSLV	521	129
>VHL-C162Y-RCLQVVRSLV	27346	>VHL-C162Y-RYLQVVRSLV	370	26976
>VHL-C162Y-RCLQVVRSL	17740	>VHL-C162Y-RYLQVVRSL	124	17616
>VHL-C162Y-RCLQVVRS	20287	>VHL-C162Y-RYLQVVRS	209	20078
>VHL-C162Y-RCLQVVRSL	5956	>VHL-C162Y-RYLQVVRSL	4	5952
>VHL-C162Y-RCLQVVRSLV	17986	>VHL-C162Y-RYLQVVRSLV	14	17972
>VHL-C162Y-RCLQVVRSLV	18406	>VHL-C162Y-RYLQVVRSLV	73	18333
>VHL-C162Y-RCLQVVRSLV	2907	>VHL-C162Y-RYLQVVRSLV	315	2592
>VHL-C162Y-RCLQVVRSLV	67	>VHL-C162Y-RYLQVVRSLV	10	57
>VHL-C162Y-RCLQVVRSL	90	>VHL-C162Y-RYLQVVRSL	70	20
>VHL-C162Y-RCLQVVRSLV	619	>VHL-C162Y-RYLQVVRSLV	52	567
>VHL-C162Y-RCLQVVRSL	21876	>VHL-C162Y-RYLQVVRSL	76	21800
>VHL-C162Y-RCLQVVRSLV	17485	>VHL-C162Y-RYLQVVRSLV	61	17424
>VHL-C162Y-TLPVYTLKERC	24483	>VHL-C162Y-TLPVYTLKERY	318	24165
>VHL-C162Y-TLPVYTLKERC	25992	>VHL-C162Y-TLPVYTLKERY	440	25552
>VHL-C162Y-ERCLQVVR	1477	>VHL-C162Y-ERYLQVVR	400	1077
>VHL-C162Y-ERCLQVVR	6302	>VHL-C162Y-ERYLQVVR	336	5966
>VHL-C162Y-ERCLQVVRSL	233	>VHL-C162Y-ERYLQVVRSL	35	198
>VHL-C162Y-ERCLQVVRSL	925	>VHL-C162Y-ERYLQVVRSL	274	651
>VHL-C162Y-ERCLQVVRSL	884	>VHL-C162Y-ERYLQVVRSL	186	698
>VHL-C162Y-ERCLQVVRSL	2847	>VHL-C162Y-ERYLQVVRSL	352	2495
>VHL-C162Y-ERCLQVVRSL	432	>VHL-C162Y-ERYLQVVRSL	136	296
>VHL-C162Y-ERCLQVVRSL	2470	>VHL-C162Y-ERYLQVVRSL	383	2087
>VHL-C162Y-ERCLQVVR	491	>VHL-C162Y-ERYLQVVR	238	253
>VHL-C162Y-KERCLQVV	67	>VHL-C162Y-KERYLQVV	23	44
>VHL-C162Y-KERCLQVVRS	1629	>VHL-C162Y-KERYLQVVRS	424	1205
>VHL-C162Y-KERCLQVVR	367	>VHL-C162Y-KERYLQVVR	245	122
>VHL-C162Y-KERCLQVVRS	291	>VHL-C162Y-KERYLQVVRS	306	15
>VHL-C162Y-KERCLQVVRS	595	>VHL-C162Y-KERYLQVVRS	295	300
>VHL-C162Y-KERCLQVV	80	>VHL-C162Y-KERYLQVV	39	41
>VHL-C162Y-KERCLQVVRS	27	>VHL-C162Y-KERYLQVVRS	18	9
>VHL-C162Y-KERCLQVV	148	>VHL-C162Y-KERYLQVV	101	47
>VHL-C162Y-KERCLQVV	1999	>VHL-C162Y-KERYLQVV	204	1795
>VHL-C162Y-KERCLQVVRS	39	>VHL-C162Y-KERYLQVVRS	31	8
>VHL-C162Y-LKERCLQVV	714	>VHL-C162Y-LKERYLQVV	474	240
>VHL-C162Y-TLKERCLQV	403	>VHL-C162Y-TLKERYLQV	371	32
>VHL-C162Y-TLKERCLQV	328	>VHL-C162Y-TLKERYLQV	176	152
>VHL-C162Y-TLKERCLQVV	514	>VHL-C162Y-TLKERYLQVV	192	322
>VHL-C162Y-TLKERCLQV	7	>VHL-C162Y-TLKERYLQV	5	2
>VHL-C162Y-TLKERCLQVV	50	>VHL-C162Y-TLKERYLQVV	45	5

>VHL-C162Y- TLKERCLQV	186	>VHL-C162Y- TLKERYLQV	33	153
>VHL-C162Y- TLKERCLQVV	141	>VHL-C162Y- TLKERYLQVV	30	111
>VHL-C162Y- TLKERCLQV	1011	>VHL-C162Y- TLKERYLQV	282	729
>VHL-C162Y- TLKERCLQVV	109	>VHL-C162Y- TLKERYLQVV	56	53
>VHL-C162Y- TLKERCLQV	308	>VHL-C162Y- TLKERYLQV	101	207
>VHL-C162Y- TLKERCLQVV	369	>VHL-C162Y- TLKERYLQVV	197	172
>VHL-C162Y- TLKERCLQV	3	>VHL-C162Y- TLKERYLQV	2	1
>VHL-C162Y- TLKERCLQVV	4	>VHL-C162Y- TLKERYLQVV	3	1
>VHL-C162Y- TLKERCLQVV	58	>VHL-C162Y- TLKERYLQVV	25	33
>VHL-C162Y- TLKERCLQVV	96	>VHL-C162Y- TLKERYLQVV	77	19
>VHL-C162Y- TLKERCLQVV	211	>VHL-C162Y- TLKERYLQVV	227	16
>VHL-C162Y- TLKERCLQV	84	>VHL-C162Y- TLKERYLQV	55	29
>VHL-C162Y- TLKERCLQVV	436	>VHL-C162Y- TLKERYLQVV	377	59
>VHL-C162Y- YTLKERCLQV	93	>VHL-C162Y- YTLKERYLQV	124	31
>VHL-C162Y- YTLKERCLQV'	308	>VHL-C162Y- YTLKERYLQV'	124	184
>VHL-C162Y- YTLKERCLQV	127	>VHL-C162Y- YTLKERYLQV	122	5
>VHL-C162Y- YTLKERCLQV	39	>VHL-C162Y- YTLKERYLQV	42	3
>VHL-C162Y- YTLKERCLQV'	83	>VHL-C162Y- YTLKERYLQV'	53	30
>VHL-C162Y- YTLKERCL	1939	>VHL-C162Y- YTLKERYL	113	1826
>VHL-C162Y- YTLKERCLQV	32	>VHL-C162Y- YTLKERYLQV	17	15
>VHL-C162Y- YTLKERCLQV'	28	>VHL-C162Y- YTLKERYLQV'	17	11
>VHL-C162Y- YTLKERCLQV	860	>VHL-C162Y- YTLKERYLQV	245	615
>VHL-C162Y- YTLKERCLQV'	95	>VHL-C162Y- YTLKERYLQV'	52	43
>VHL-C162Y- YTLKERCLQV	31	>VHL-C162Y- YTLKERYLQV	27	4
>VHL-C162Y- YTLKERCLQV'	40	>VHL-C162Y- YTLKERYLQV'	43	3
>VHL-C162Y- YTLKERCLQV'	416	>VHL-C162Y- YTLKERYLQV'	319	97
>VHL-C162Y- YTLKERCLQV	19	>VHL-C162Y- YTLKERYLQV	19	0
>VHL-C162Y- YTLKERCLQV'	21	>VHL-C162Y- YTLKERYLQV'	23	2
>VHL-C162Y- YTLKERCLQV'	819	>VHL-C162Y- YTLKERYLQV'	402	417
>VHL-C162Y- YTLKERCL	3354	>VHL-C162Y- YTLKERYL	352	3002
>VHL-C162Y- YTLKERCLQV	14	>VHL-C162Y- YTLKERYLQV	9	5
>VHL-C162Y- YTLKERCLQV'	53	>VHL-C162Y- YTLKERYLQV'	26	27
>VHL-C162Y- YTLKERCL	205	>VHL-C162Y- YTLKERYL	56	149
>VHL-C162Y- YTLKERCLQV	211	>VHL-C162Y- YTLKERYLQV	302	91
>VHL-C162Y- YTLKERCL	280	>VHL-C162Y- YTLKERYL	2683	2403
>VHL-C162Y- YTLKERCLQV'	130	>VHL-C162Y- YTLKERYLQV'	123	7
>VHL-C162Y- VYTLKERCL	2394	>VHL-C162Y- VYTLKERYL	216	2178
>VHL-C162Y- PVYTLKERC	24706	>VHL-C162Y- PVYTLKERY	253	24453
>VHL-C162Y- LPVYTLKERCI	11585	>VHL-C162Y- LPVYTLKERYL	335	11250
>VHL-C162Y- LPVYTLKERCI	224	>VHL-C162Y- LPVYTLKERYL	173	51
>VHL-C162Y- LPVYTLKERC	16904	>VHL-C162Y- LPVYTLKERY	125	16779
>VHL-C162Y- LPVYTLKERC	7934	>VHL-C162Y- LPVYTLKERY	325	7609
>VHL-C162Y- LPVYTLKERCI	620	>VHL-C162Y- LPVYTLKERYL	327	293

>VHL-C162Y- LPVYTLKERC	337	>VHL-C162Y- LPVYTLKERY	446	109
>VHL-C162Y- LPVYTLKERC	27962	>VHL-C162Y- LPVYTLKERY	209	27753
>VHL-C162Y- LPVYTLKERC	10092	>VHL-C162Y- LPVYTLKERY	243	9849
>VHL-C77S- $\mu$ CNRSRPRVLP	910	>VHL-C77S- $\eta$ SNRSRPRVLP	131	779
>VHL-C77S- $\mu$ CNRSRPRVL	1848	>VHL-C77S- $\eta$ SNRSRPRVL	326	1522
>VHL-C77S- $\mu$ CNRSRPRVL	734	>VHL-C77S- $\eta$ SNRSRPRVL	446	288
>VHL-C77S- $\mu$ CNRSRPRVL	3853	>VHL-C77S- $\eta$ SNRSRPRVL	383	3470
>VHL-C77S- $\mu$ FCNRSRPRV	252	>VHL-C77S- $\eta$ FSNRSRPRV	530	278
>VHL-C77S- $\mu$ FCNRSRPRV	107	>VHL-C77S- $\eta$ FSNRSRPRV	692	585
>VHL-C77S- $\mu$ FCNRSRPRVV	2427	>VHL-C77S- $\eta$ FSNRSRPRVV	253	2174
>VHL-C77S- $\mu$ FCNRSRPRVVL	16502	>VHL-C77S- $\eta$ FSNRSRPRVVL	194	16308
>VHL-C77S- $\mu$ IFCNRSRPRV	675	>VHL-C77S- $\eta$ IFSNRSRPRV	308	367
>VHL-C77S- $\mu$ IFCNRSRPR	15	>VHL-C77S- $\eta$ IFSNRSRPR	15	0
>VHL-C77S- $\mu$ IFCNRSRPR	20	>VHL-C77S- $\eta$ IFSNRSRPR	35	15
>VHL-C77S- $\mu$ IFCNRSRPR	639	>VHL-C77S- $\eta$ IFSNRSRPR	285	354
>VHL-C77S- $\mu$ IFCNRSRPR	62	>VHL-C77S- $\eta$ IFSNRSRPR	74	12
>VHL-C77S- $\mu$ VIFCNRSRPRV	646	>VHL-C77S- $\eta$ VIFSNRSRPRV	274	372
>VHL-C77S- $\mu$ VIFCNRSRPRV'	72	>VHL-C77S- $\eta$ VIFSNRSRPRV\	77	5
>VHL-C77S- $\mu$ VIFCNRSRPRV	7	>VHL-C77S- $\eta$ VIFSNRSRPRV	8	1
>VHL-C77S- $\mu$ VIFCNRSRPRV'	15	>VHL-C77S- $\eta$ VIFSNRSRPRV\	17	2
>VHL-C77S- $\mu$ VIFCNRSRPRV	86	>VHL-C77S- $\eta$ VIFSNRSRPRV	380	294
>VHL-C77S- $\mu$ VIFCNRSRPRV'	191	>VHL-C77S- $\eta$ VIFSNRSRPRV\	871	680
>VHL-C77S- $\mu$ VIFCNRSRPRV	70	>VHL-C77S- $\eta$ VIFSNRSRPRV	42	28
>VHL-C77S- $\mu$ VIFCNRSRPRV'	874	>VHL-C77S- $\eta$ VIFSNRSRPRV\	467	407
>VHL-C77S- $\mu$ VIFCNRSRPRV	400	>VHL-C77S- $\eta$ VIFSNRSRPRV	264	136
>VHL-C77S- $\mu$ VIFCNRSRPRV	7	>VHL-C77S- $\eta$ VIFSNRSRPRV	4	3
>VHL-C77S- $\mu$ VIFCNRSRPRV'	59	>VHL-C77S- $\eta$ VIFSNRSRPRV\	20	39
>VHL-C77S- $\mu$ VIFCNRSRPR	427	>VHL-C77S- $\eta$ VIFSNRSRPR	216	211
>VHL-C77S- $\mu$ VIFCNRSRPR	113	>VHL-C77S- $\eta$ VIFSNRSRPR	68	45
>VHL-C77S- $\mu$ VIFCNRSRPR	23	>VHL-C77S- $\eta$ VIFSNRSRPR	10	13
>VHL-C77S- $\mu$ VIFCNRSRPR	93	>VHL-C77S- $\eta$ VIFSNRSRPR	130	37
>VHL-C77S- $\mu$ VIFCNRSRPR	24	>VHL-C77S- $\eta$ VIFSNRSRPR	17	7
>VHL-C77S- $\mu$ VIFCNRSRPRV'	360	>VHL-C77S- $\eta$ VIFSNRSRPRV\	304	56
>VHL-C77S- $\mu$ QVIFCNRSRPR	214	>VHL-C77S- $\eta$ QVIFSNRSRPR'	296	82
>VHL-C77S- $\mu$ QVIFCNRSRPR	511	>VHL-C77S- $\eta$ QVIFSNRSRPR'	434	77
>VHL-C77S- $\mu$ QVIFCNRSRPR	305	>VHL-C77S- $\eta$ QVIFSNRSRPR	582	277
>VHL-C77S- $\mu$ QVIFCNRSRPR	381	>VHL-C77S- $\eta$ QVIFSNRSRPR	298	83
>VHL-C77S- $\mu$ QVIFCNRSRPR	11	>VHL-C77S- $\eta$ QVIFSNRSRPR	21	10
>VHL-C77S- $\mu$ QVIFCNRSRPR	114	>VHL-C77S- $\eta$ QVIFSNRSRPR	237	123
>VHL-C77S- $\mu$ QVIFCNRSRPR	6	>VHL-C77S- $\eta$ QVIFSNRSRPR	7	1
>VHL-C77S- $\mu$ QVIFCNRSRPR	36	>VHL-C77S- $\eta$ QVIFSNRSRPR'	43	7
>VHL-C77S- $\mu$ QVIFCNRSRPR	178	>VHL-C77S- $\eta$ QVIFSNRSRPR'	81	97
>VHL-C77S- $\mu$ QVIFCNRSRPR	175	>VHL-C77S- $\eta$ QVIFSNRSRPR	531	356



>VHL-C77S-m SQVIFCNR	54	>VHL-C77S-n SQVIFSNR	49	5
>VHL-C77S-m SQVIFCNRSPI	47	>VHL-C77S-n SQVIFSNRSPI	35	12
>VHL-C77S-m SQVIFCNR	423	>VHL-C77S-n SQVIFSNR	320	103
>VHL-C77S-m SQVIFCNRSPI	436	>VHL-C77S-n SQVIFSNRSPI	418	18
>VHL-C77S-m SQVIFCNRSPI	301	>VHL-C77S-n SQVIFSNRSPI	230	71
>VHL-C77S-m SQVIFCNR	74	>VHL-C77S-n SQVIFSNR	135	61
>VHL-C77S-m SQVIFCNRSPI	150	>VHL-C77S-n SQVIFSNRSPI	130	20
>VHL-C77S-m PSQVIFCNR	125	>VHL-C77S-n PSQVIFSNR	139	14
>VHL-C77S-m PSQVIFCNR	362	>VHL-C77S-n PSQVIFSNR	470	108
>VHL-C77S-m EPSQVIFCNR	355	>VHL-C77S-n EPSQVIFSNR	650	295
>VHL-C77S-m EPSQVIFCNR	388	>VHL-C77S-n EPSQVIFSNR	522	134
>VHL-C77S-m EPSQVIFCNR	91	>VHL-C77S-n EPSQVIFSNR	77	14
>VHL-C77S-m EPSQVIFCNR	213	>VHL-C77S-n EPSQVIFSNR	848	635
>VHL-C77S-m REPSQVIFCN	1304	>VHL-C77S-n REPSQVIFSN	321	983
>VHL-C77S-m REPSQVIFCN	43	>VHL-C77S-n REPSQVIFSN	103	60
>VHL-D121E-RDAGTHDGL	1130	>VHL-D121E-REAGTHDGL	5	1125
>VHL-D121E-RDAGTHDGL	7893	>VHL-D121E-REAGTHDGL	11	7882
>VHL-D121E-RDAGTHDGL	3696	>VHL-D121E-REAGTHDGL	204	3492
>VHL-D121E-RDAGTHDGL	18438	>VHL-D121E-REAGTHDGL	199	18239
>VHL-D121E-RDAGTHDGL	26814	>VHL-D121E-REAGTHDGL	378	26436
>VHL-D121E-RDAGTHDGL	15918	>VHL-D121E-REAGTHDGL	78	15840
>VHL-D121E-RDAGTHDGL	3407	>VHL-D121E-REAGTHDGL	47	3360
>VHL-D121E-RDAGTHDGL	4787	>VHL-D121E-REAGTHDGL	70	4717
>VHL-D121E-RDAGTHDGL	367	>VHL-D121E-REAGTHDGL	12034	11667
>VHL-D121E-RDAGTHDGL	133	>VHL-D121E-REAGTHDGL	7355	7222
>VHL-D121E-FRDAGTHDG	376	>VHL-D121E-FREAGTHDGI	487	111
>VHL-D121E-FRDAGTHDG	17	>VHL-D121E-FREAGTHDGI	24	7
>VHL-D121E-FRDAGTHDG	35	>VHL-D121E-FREAGTHDGI	53	18
>VHL-D121E-FRDAGTHDG	758	>VHL-D121E-FREAGTHDGI	306	452
>VHL-D121E-FRDAGTHDG	563	>VHL-D121E-FREAGTHDGI	153	410
>VHL-D121E-WLFRDAGT	330	>VHL-D121E-WLFREAGT	435	105
>VHL-D121E-WLFRDAGT	468	>VHL-D121E-WLFREAGT	796	328
>VHL-D121E-WLFRDAGT	108	>VHL-D121E-WLFREAGT	102	6
>VHL-D121E-WLFRDAGT	51	>VHL-D121E-WLFREAGT	53	2
>VHL-D121E-LWLFRDAG	90	>VHL-D121E-LWLFREAG	127	37
>VHL-D121E-HLWLFRDA	2632	>VHL-D121E-HLWLFREA	343	2289
>VHL-D121E-HLWLFRDA	1175	>VHL-D121E-HLWLFREA	118	1057
>VHL-D121E-HLWLFRDA	1111	>VHL-D121E-HLWLFREA	367	744
>VHL-D121E-HLWLFRDA	346	>VHL-D121E-HLWLFREA	87	259
>VHL-D121E-HLWLFRDAG	596	>VHL-D121E-HLWLFREAG	343	253
>VHL-D121G RDAGTHDGL	367	>VHL-D121G RGAGTHDGL	20700	20333
>VHL-D121G RDAGTHDGL	133	>VHL-D121G RGAGTHDGL	16449	16316
>VHL-D121G SYRGHLWLFF	1869	>VHL-D121G SYRGHLWLFF	459	1410

>VHL-D121G FRDAGTHDG	376	>VHL-D121G FRGAGTHDG	378	2
>VHL-D121G FRDAGTHDG	17	>VHL-D121G FRGAGTHDG	196	179
>VHL-D121G FRDAGTHDG	35	>VHL-D121G FRGAGTHDG	385	350
>VHL-D121G WLFRDAGT	330	>VHL-D121G WLFRGAGT	121	209
>VHL-D121G WLFRDAGT	468	>VHL-D121G WLFRGAGT	300	168
>VHL-D121G WLFRDAGT	108	>VHL-D121G WLFRGAGT	47	61
>VHL-D121G WLFRDAGT	51	>VHL-D121G WLFRGAGT	27	24
>VHL-D121G WLFRDAGTH	903	>VHL-D121G WLFRGAGTH	150	753
>VHL-D121G WLFRDAGTH	500	>VHL-D121G WLFRGAGTH	160	340
>VHL-D121G LWLFRDAG	90	>VHL-D121G LWLFRGAG	105	15
>VHL-D121G HLWLFRDA	1175	>VHL-D121G HLWLFRGA	146	1029
>VHL-D121G HLWLFRDA	346	>VHL-D121G HLWLFRGA	134	212
>VHL-D121Y-DAGTHDGLL\	10249	>VHL-D121Y-YAGTHDGLL\	178	10071
>VHL-D121Y-DAGTHDGLL\	17937	>VHL-D121Y-YAGTHDGLL\	339	17598
>VHL-D121Y-RDAGTHDGL	25125	>VHL-D121Y-RYAGTHDGL	118	25007
>VHL-D121Y-RDAGTHDGL	26807	>VHL-D121Y-RYAGTHDGLI	180	26627
>VHL-D121Y-RDAGTHDGL	27000	>VHL-D121Y-RYAGTHDGL	488	26512
>VHL-D121Y-RDAGTHDGL	28959	>VHL-D121Y-RYAGTHDGLI	210	28749
>VHL-D121Y-RDAGTHDGL	25587	>VHL-D121Y-RYAGTHDGLI	303	25284
>VHL-D121Y-RDAGTHDGL	20441	>VHL-D121Y-RYAGTHDGL	7	20434
>VHL-D121Y-RDAGTHDGL	21723	>VHL-D121Y-RYAGTHDGLI	10	21713
>VHL-D121Y-RDAGTHDGL	22607	>VHL-D121Y-RYAGTHDGLI	89	22518
>VHL-D121Y-RDAGTHDGL	8600	>VHL-D121Y-RYAGTHDGLI	418	8182
>VHL-D121Y-RDAGTHDGL	21918	>VHL-D121Y-RYAGTHDGL	103	21815
>VHL-D121Y-RDAGTHDGL	24252	>VHL-D121Y-RYAGTHDGLI	132	24120
>VHL-D121Y-RDAGTHDGL	28727	>VHL-D121Y-RYAGTHDGLI	355	28372
>VHL-D121Y-RDAGTHDGL	367	>VHL-D121Y-RYAGTHDGLI	27211	26844
>VHL-D121Y-RDAGTHDGL	133	>VHL-D121Y-RYAGTHDGLI	21794	21661
>VHL-D121Y-SYRGHLWLFF	4943	>VHL-D121Y-SYRGHLWLFF	436	4507
>VHL-D121Y-SYRGHLWLFF	28609	>VHL-D121Y-SYRGHLWLFF	66	28543
>VHL-D121Y-SYRGHLWLFF	16700	>VHL-D121Y-SYRGHLWLFF	12	16688
>VHL-D121Y-SYRGHLWLFF	1869	>VHL-D121Y-SYRGHLWLFF	151	1718
>VHL-D121Y-SYRGHLWLFF	20284	>VHL-D121Y-SYRGHLWLFF	109	20175
>VHL-D121Y-SYRGHLWLFF	25188	>VHL-D121Y-SYRGHLWLFF	119	25069
>VHL-D121Y-SYRGHLWLFF	22404	>VHL-D121Y-SYRGHLWLFF	24	22380
>VHL-D121Y-SYRGHLWLFF	3735	>VHL-D121Y-SYRGHLWLFF	317	3418
>VHL-D121Y-FRDAGTHDG	3894	>VHL-D121Y-FRYAGTHDGI	199	3695
>VHL-D121Y-FRDAGTHDG	5507	>VHL-D121Y-FRYAGTHDGI	426	5081
>VHL-D121Y-FRDAGTHDG	376	>VHL-D121Y-FRYAGTHDGI	52	324
>VHL-D121Y-FRDAGTHDG	1400	>VHL-D121Y-FRYAGTHDGI	60	1340
>VHL-D121Y-FRDAGTHDG	17	>VHL-D121Y-FRYAGTHDGI	14	3
>VHL-D121Y-FRDAGTHDG	35	>VHL-D121Y-FRYAGTHDGI	25	10
>VHL-D121Y-FRDAGTHDG	2233	>VHL-D121Y-FRYAGTHDGI	481	1752

>VHL-D121Y-FRDAGTHDG	758	>VHL-D121Y-FRYAGTHDGI	74	684
>VHL-D121Y-FRDAGTHDG	686	>VHL-D121Y-FRYAGTHDGI	181	505
>VHL-D121Y-FRDAGTHDG	563	>VHL-D121Y-FRYAGTHDGI	35	528
>VHL-D121Y-WLFRDAGT	682	>VHL-D121Y-WLFRYAGT	142	540
>VHL-D121Y-WLFRDAGT	330	>VHL-D121Y-WLFRYAGT	60	270
>VHL-D121Y-WLFRDAGT	468	>VHL-D121Y-WLFRYAGT	197	271
>VHL-D121Y-WLFRDAGT	108	>VHL-D121Y-WLFRYAGT	26	82
>VHL-D121Y-WLFRDAGT	51	>VHL-D121Y-WLFRYAGT	25	26
>VHL-D121Y-WLFRDAGTH	500	>VHL-D121Y-WLFRYAGTH	169	331
>VHL-D121Y-LWLFRDAGT	5537	>VHL-D121Y-LWLFRYAGT	454	5083
>VHL-D121Y-LWLFRDAG	90	>VHL-D121Y-LWLFRYAG	67	23
>VHL-D121Y-LWLFRDAGT	646	>VHL-D121Y-LWLFRYAGT	287	359
>VHL-D121Y-HLWLFRDA	2632	>VHL-D121Y-HLWLFRYA	110	2522
>VHL-D121Y-HLWLFRDA	2685	>VHL-D121Y-HLWLFRYA	386	2299
>VHL-D121Y-HLWLFRDAG	585	>VHL-D121Y-HLWLFRYAG	250	335
>VHL-D121Y-HLWLFRDA	1175	>VHL-D121Y-HLWLFRYA	29	1146
>VHL-D121Y-HLWLFRDAG	1311	>VHL-D121Y-HLWLFRYAG	375	936
>VHL-D121Y-HLWLFRDA	4824	>VHL-D121Y-HLWLFRYA	256	4568
>VHL-D121Y-HLWLFRDA	1111	>VHL-D121Y-HLWLFRYA	151	960
>VHL-D121Y-HLWLFRDA	346	>VHL-D121Y-HLWLFRYA	62	284
>VHL-D121Y-HLWLFRDAG	596	>VHL-D121Y-HLWLFRYAG	195	401
>VHL-D121Y-GHLWLFRD	23997	>VHL-D121Y-GHLWLFRY	50	23947
>VHL-D121Y-GHLWLFRD	34283	>VHL-D121Y-GHLWLFRY	338	33945
>VHL-D121Y-RGHLWLFRD	26523	>VHL-D121Y-RGHLWLFRY	177	26346
>VHL-D121Y-RGHLWLFRD	2104	>VHL-D121Y-RGHLWLFRY	144	1960
>VHL-D121Y-RGHLWLFRD	23982	>VHL-D121Y-RGHLWLFRY	56	23926
>VHL-D121Y-RGHLWLFRD	26751	>VHL-D121Y-RGHLWLFRY	273	26478
>VHL-D121Y-RGHLWLFRD	20588	>VHL-D121Y-RGHLWLFRY	48	20540
>VHL-D121Y-RGHLWLFRD	28859	>VHL-D121Y-RGHLWLFRY	460	28399
>VHL-D121Y-YRGHLWLFRI	31915	>VHL-D121Y-YRGHLWLFRI	406	31509
>VHL-D121Y-YRGHLWLFRI	22863	>VHL-D121Y-YRGHLWLFRI	26	22837
>VHL-D121Y-YRGHLWLFRI	4479	>VHL-D121Y-YRGHLWLFRI	47	4432
>VHL-D126G DGLLVNQTEL	7058	>VHL-D126G GGLLVNQTEL	260	6798
>VHL-D126G HDGLLVNQTI	237	>VHL-D126G HGGLLVNQTI	26424	26187
>VHL-D126G GTHDGLLV	122	>VHL-D126G GTHGGLLV	255	133
>VHL-D126G GTHDGLLV	193	>VHL-D126G GTHGGLLV	402	209
>VHL-D126G GTHDGLLV	78	>VHL-D126G GTHGGLLV	115	37
>VHL-D126G GTHDGLLV	204	>VHL-D126G GTHGGLLV	282	78
>VHL-D126G GTHDGLLV	46	>VHL-D126G GTHGGLLV	78	32
>VHL-D126G GTHDGLLV	611	>VHL-D126G GTHGGLLV	455	156
>VHL-D126G RDAGTHDGL	367	>VHL-D126G RDAGTHGGL	398	31
>VHL-D126G RDAGTHDGL	133	>VHL-D126G RDAGTHGGL	163	30
>VHL-D126G FRDAGTHDG	376	>VHL-D126G FRDAGTHGG	100	276

>VHL-D126G FRDAGTHDG	17	>VHL-D126G FRDAGTHGG	19	2
>VHL-D126G FRDAGTHDG	35	>VHL-D126G FRDAGTHGG	23	12
>VHL-D126G FRDAGTHDG	686	>VHL-D126G FRDAGTHGG	116	570
>VHL-D126G FRDAGTHDG	563	>VHL-D126G FRDAGTHGG	232	331
>VHL-D126G LFRDAGTHDG	1415	>VHL-D126G LFRDAGTHGG	372	1043
>VHL-D126G WLFRDAGTH	2682	>VHL-D126G WLFRDAGTH	452	2230
>VHL-D126N HDGLLVNQTI	237	>VHL-D126N HNGLLVNQTI	12620	12383
>VHL-D126N GTHDGLLV	122	>VHL-D126N GTHNGLLV	222	100
>VHL-D126N GTHDGLLV	193	>VHL-D126N GTHNGLLV	493	300
>VHL-D126N GTHDGLLV	78	>VHL-D126N GTHNGLLV	141	63
>VHL-D126N GTHDGLLV	204	>VHL-D126N GTHNGLLV	370	166
>VHL-D126N GTHDGLLV	46	>VHL-D126N GTHNGLLV	257	211
>VHL-D126N GTHDGLLV	611	>VHL-D126N GTHNGLLV	306	305
>VHL-D126N RDAGTHDGL	367	>VHL-D126N RDAGTHNGL	477	110
>VHL-D126N RDAGTHDGL	133	>VHL-D126N RDAGTHNGL	147	14
>VHL-D126N FRDAGTHDG	376	>VHL-D126N FRDAGTHNG	189	187
>VHL-D126N FRDAGTHDG	17	>VHL-D126N FRDAGTHNG	10	7
>VHL-D126N FRDAGTHDG	35	>VHL-D126N FRDAGTHNG	17	18
>VHL-D126N FRDAGTHDG	686	>VHL-D126N FRDAGTHNG	327	359
>VHL-D126N FRDAGTHDG	563	>VHL-D126N FRDAGTHNG	264	299
>VHL-D126N LFRDAGTHDG	1415	>VHL-D126N LFRDAGTHNG	236	1179
>VHL-D143E-DGQPIFANI	891	>VHL-D143E-EGQPIFANI	80	811
>VHL-D143E-VDGQPIFA	15675	>VHL-D143E-VEGQPIFA	80	15595
>VHL-D143E-VDGQPIFANI	23820	>VHL-D143E-VEGQPIFANI	409	23411
>VHL-D143E-VDGQPIFANI	5038	>VHL-D143E-VEGQPIFANI	55	4983
>VHL-D143E-VDGQPIFANI	444	>VHL-D143E-VEGQPIFANI	12093	11649
>VHL-D143E-NVDGQPIFANI	253	>VHL-D143E-NVEGQPIFANI	252	1
>VHL-D143E-NVDGQPIFANI	61	>VHL-D143E-NVEGQPIFANI	878	817
>VHL-D143E-LNVDGQPIF	423	>VHL-D143E-LNVEGQPIF	371	52
>VHL-D143E-SLNVDGQPI	169	>VHL-D143E-SLNVEGQPI	120	49
>VHL-D143E-SLNVDGQPIF	120	>VHL-D143E-SLNVEGQPIF	94	26
>VHL-D143E-SLNVDGQPI	47	>VHL-D143E-SLNVEGQPI	66	19
>VHL-D143E-SLNVDGQPIF	71	>VHL-D143E-SLNVEGQPIF	88	17
>VHL-D143E-SLNVDGQPI	44	>VHL-D143E-SLNVEGQPI	58	14
>VHL-D143E-SLNVDGQPIF	58	>VHL-D143E-SLNVEGQPIF	68	10
>VHL-D143E-SLNVDGQPI	49	>VHL-D143E-SLNVEGQPI	89	40
>VHL-D143E-SLNVDGQPIF	235	>VHL-D143E-SLNVEGQPIF	379	144
>VHL-D143E-SLNVDGQPI	54	>VHL-D143E-SLNVEGQPI	69	15
>VHL-D143E-SLNVDGQPIF	29	>VHL-D143E-SLNVEGQPIF	36	7
>VHL-D143E-SLNVDGQPI	53	>VHL-D143E-SLNVEGQPI	71	18
>VHL-D143E-SLNVDGQPIF	42	>VHL-D143E-SLNVEGQPIF	50	8
>VHL-D143E-SLNVDGQPIF	186	>VHL-D143E-SLNVEGQPIF	205	19
>VHL-D143E-SLNVDGQPIF	261	>VHL-D143E-SLNVEGQPIF	356	95

>VHL-D143E- SLNVDGQPIF	93	>VHL-D143E- SLNVEGQPIF	86	7
>VHL-D143E- VPSLNVDGQI	124	>VHL-D143E- VPSLNVEGQF	175	51
>VHL-D143E- VPSLNVDGQI	412	>VHL-D143E- VPSLNVEGQF	431	19
>VHL-D179A- DIVRSLYEDL	8748	>VHL-D179A- AIVRSLYEDL	321	8427
>VHL-D179A- DIVRSLYEDL	114	>VHL-D179A- AIVRSLYEDL	351	237
>VHL-D179A- LDIVRSLYEDL	7065	>VHL-D179A- LAIVRSLYEDL	297	6768
>VHL-D179A- LDIVRSLY	428	>VHL-D179A- LAIVRSLY	59	369
>VHL-D179A- LDIVRSLY	2713	>VHL-D179A- LAIVRSLY	250	2463
>VHL-D179A- LDIVRSLY	4052	>VHL-D179A- LAIVRSLY	216	3836
>VHL-D179A- LDIVRSLY	3275	>VHL-D179A- LAIVRSLY	395	2880
>VHL-D179A- LDIVRSLY	13290	>VHL-D179A- LAIVRSLY	19	13271
>VHL-D179A- LDIVRSLY	8498	>VHL-D179A- LAIVRSLY	123	8375
>VHL-D179A- LDIVRSLY	11674	>VHL-D179A- LAIVRSLY	450	11224
>VHL-D179A- LDIVRSLY	20390	>VHL-D179A- LAIVRSLY	219	20171
>VHL-D179A- LDIVRSLYEDL	491	>VHL-D179A- LAIVRSLYEDL	32793	32302
>VHL-D179A- LVKPENYRRL	3476	>VHL-D179A- LVKPENYRRL	92	3384
>VHL-D179A- RLDIVRSLY	116	>VHL-D179A- RLAIIVRSLY	6650	6534
>VHL-D179A- RLDIVRSL	312	>VHL-D179A- RLAIIVRSL	28	284
>VHL-D179A- RLDIVRSL	821	>VHL-D179A- RLAIIVRSL	26	795
>VHL-D179A- RLDIVRSL	14	>VHL-D179A- RLAIIVRSL	27	13
>VHL-D179A- RLDIVRSL	400	>VHL-D179A- RLAIIVRSL	1121	721
>VHL-D179A- RLDIVRSL	82	>VHL-D179A- RLAIIVRSL	107	25
>VHL-D179A- RLDIVRSL	52	>VHL-D179A- RLAIIVRSL	17	35
>VHL-D179A- RLDIVRSLY	157	>VHL-D179A- RLAIIVRSLY	53	104
>VHL-D179A- RLDIVRSLY	1152	>VHL-D179A- RLAIIVRSLY	79	1073
>VHL-D179A- RLDIVRSLY	77	>VHL-D179A- RLAIIVRSLY	13	64
>VHL-D179A- RLDIVRSL	415	>VHL-D179A- RLAIIVRSL	175	240
>VHL-D179A- RLDIVRSLY	33	>VHL-D179A- RLAIIVRSLY	20	13
>VHL-D179A- RLDIVRSL	3824	>VHL-D179A- RLAIIVRSL	234	3590
>VHL-D179A- RLDIVRSLY	3433	>VHL-D179A- RLAIIVRSLY	148	3285
>VHL-D179A- RLDIVRSLY	4294	>VHL-D179A- RLAIIVRSLY	429	3865
>VHL-D179A- RLDIVRSLY	32	>VHL-D179A- RLAIIVRSLY	12	20
>VHL-D179A- RRLDIVRSLY	81	>VHL-D179A- RRLAIIVRSLY	90	9
>VHL-D179A- RRLDIVRSLY	437	>VHL-D179A- RRLAIIVRSLY	117	320
>VHL-D179A- RRLDIVRSL	109	>VHL-D179A- RRLAIIVRSL	56	53
>VHL-D179A- RRLDIVRSLY	49	>VHL-D179A- RRLAIIVRSLY	27	22
>VHL-D179A- RRLDIVRS	102	>VHL-D179A- RRLAIIVRS	60	42
>VHL-D179A- RRLDIVRSL	15	>VHL-D179A- RRLAIIVRSL	11	4
>VHL-D179A- RRLDIVRSLY	10	>VHL-D179A- RRLAIIVRSLY	9	1
>VHL-D179A- RRLDIVRSLYE	569	>VHL-D179A- RRLAIIVRSLYE	346	223
>VHL-D179A- RRLDIVRSL	527	>VHL-D179A- RRLAIIVRSL	201	326
>VHL-D179A- RRLDIVRSL	875	>VHL-D179A- RRLAIIVRSL	350	525
>VHL-D179A- RRLDIVRS	242	>VHL-D179A- RRLAIIVRS	232	10

>VHL-D179A·RRLDIVRSLY	303	>VHL-D179A·RRLAIVRSLY	129	174
>VHL-D179A·RRLDIVRSLYE	319	>VHL-D179A·RRLAIVRSLYE	144	175
>VHL-D179A·RRLDIVRSLY	318	>VHL-D179A·RRLAIVRSLY	218	100
>VHL-D179A·YRRLDIVRSL	130	>VHL-D179A·YRRLAIVRSL	94	36
>VHL-D179A·YRRLDIVRSLY	65	>VHL-D179A·YRRLAIVRSLY	47	18
>VHL-D179A·YRRLDIVR	308	>VHL-D179A·YRRLAIVR	123	185
>VHL-D179A·YRRLDIVRSL	43	>VHL-D179A·YRRLAIVRSL	33	10
>VHL-D179A·YRRLDIVRSLY	206	>VHL-D179A·YRRLAIVRSLY	128	78
>VHL-D179A·YRRLDIVRSLY	95	>VHL-D179A·YRRLAIVRSLY	73	22
>VHL-D179A·YRRLDIVRSL	304	>VHL-D179A·YRRLAIVRSL	287	17
>VHL-D179A·YRRLDIVRSLY	391	>VHL-D179A·YRRLAIVRSLY	384	7
>VHL-D179A·YRRLDIVRSL	94	>VHL-D179A·YRRLAIVRSL	93	1
>VHL-D179A·YRRLDIVRSLY	177	>VHL-D179A·YRRLAIVRSLY	131	46
>VHL-D179A·NYRRLDIVRSI	587	>VHL-D179A·NYRRLAIVRSI	189	398
>VHL-D179A·NYRRLDIVRSI	129	>VHL-D179A·NYRRLAIVRSI	75	54
>VHL-D179A·NYRRLDIV	3006	>VHL-D179A·NYRRLAIV	389	2617
>VHL-D179A·NYRRLDIVR	256	>VHL-D179A·NYRRLAIVR	271	15
>VHL-D179A·NYRRLDIVR	30	>VHL-D179A·NYRRLAIVR	51	21
>VHL-D179A·ENYRRLDIV	953	>VHL-D179A·ENYRRLAIV	179	774
>VHL-D179A·ENYRRLDI	1360	>VHL-D179A·ENYRRLAI	182	1178
>VHL-D179A·ENYRRLDIV	3548	>VHL-D179A·ENYRRLAIV	440	3108
>VHL-D179A·PENYRRLDI	86	>VHL-D179A·PENYRRLAI	81	5
>VHL-D179A·KPENYRRLD	17264	>VHL-D179A·KPENYRRLA	197	17067
>VHL-D179A·KPENYRRLDI	104	>VHL-D179A·KPENYRRLAI	59	45
>VHL-D179A·KPENYRRLDI	139	>VHL-D179A·KPENYRRLAI	64	75
>VHL-D179A·VKPENYRRLD	1549	>VHL-D179A·VKPENYRRLA	427	1122
>VHL-D179N·DIVRSLYEDL	114	>VHL-D179N·NIVRSLYEDL	643	529
>VHL-D179N·LDIVRSLYEDL	7065	>VHL-D179N·LNIVRSLYEDL	455	6610
>VHL-D179N·LDIVRSLY	428	>VHL-D179N·LNIVRSLY	116	312
>VHL-D179N·LDIVRSLYEDL	491	>VHL-D179N·LNIVRSLYEDL	15760	15269
>VHL-D179N·RLDIVRSLY	116	>VHL-D179N·RLNIVRSLY	7774	7658
>VHL-D179N·RLDIVRSL	312	>VHL-D179N·RLNIVRSL	75	237
>VHL-D179N·RLDIVRSL	821	>VHL-D179N·RLNIVRSL	33	788
>VHL-D179N·RLDIVRSL	14	>VHL-D179N·RLNIVRSL	22	8
>VHL-D179N·RLDIVRSL	400	>VHL-D179N·RLNIVRSL	939	539
>VHL-D179N·RLDIVRSL	82	>VHL-D179N·RLNIVRSL	275	193
>VHL-D179N·RLDIVRSL	52	>VHL-D179N·RLNIVRSL	29	23
>VHL-D179N·RLDIVRSLY	157	>VHL-D179N·RLNIVRSLY	48	109
>VHL-D179N·RLDIVRSLY	2141	>VHL-D179N·RLNIVRSLY	460	1681
>VHL-D179N·RLDIVRSLY	1152	>VHL-D179N·RLNIVRSLY	254	898
>VHL-D179N·RLDIVRSLY	77	>VHL-D179N·RLNIVRSLY	14	63
>VHL-D179N·RLDIVRSLY	7023	>VHL-D179N·RLNIVRSLY	438	6585
>VHL-D179N·RLDIVRSL	415	>VHL-D179N·RLNIVRSL	91	324

>VHL-D179N RLDIVRSLY	33	>VHL-D179N RLNIVRSLY	22	11
>VHL-D179N RLDIVRSLY	3433	>VHL-D179N RLNIVRSLY	147	3286
>VHL-D179N RLDIVRSLY	4294	>VHL-D179N RLNIVRSLY	413	3881
>VHL-D179N RLDIVRSLY	32	>VHL-D179N RLNIVRSLY	18	14
>VHL-D179N RLDIVRSLY	68	>VHL-D179N RLNIVRSLY	109	41
>VHL-D179N RRLDIVRSLY	81	>VHL-D179N RRLNIVRSLY	70	11
>VHL-D179N RRLDIVRSL	943	>VHL-D179N RRLNIVRSL	274	669
>VHL-D179N RRLDIVRSLY	437	>VHL-D179N RRLNIVRSLY	260	177
>VHL-D179N RRLDIVRSL	109	>VHL-D179N RRLNIVRSL	45	64
>VHL-D179N RRLDIVRSLY	49	>VHL-D179N RRLNIVRSLY	22	27
>VHL-D179N RRLDIVRS	102	>VHL-D179N RRLNIVRS	56	46
>VHL-D179N RRLDIVRSL	15	>VHL-D179N RRLNIVRSL	11	4
>VHL-D179N RRLDIVRSLY	10	>VHL-D179N RRLNIVRSLY	9	1
>VHL-D179N RRLDIVRSLYE	569	>VHL-D179N RRLNIVRSLYE	293	276
>VHL-D179N RRLDIVRS	242	>VHL-D179N RRLNIVRS	345	103
>VHL-D179N RRLDIVRSLY	303	>VHL-D179N RRLNIVRSLY	137	166
>VHL-D179N RRLDIVRSLYE	319	>VHL-D179N RRLNIVRSLYE	194	125
>VHL-D179N RRLDIVRS	888	>VHL-D179N RRLNIVRS	466	422
>VHL-D179N RRLDIVRSLY	318	>VHL-D179N RRLNIVRSLY	211	107
>VHL-D179N YRRLDIVRSL	130	>VHL-D179N YRRLNIVRSL	78	52
>VHL-D179N YRRLDIVRSLY	65	>VHL-D179N YRRLNIVRSLY	42	23
>VHL-D179N YRRLDIVR	308	>VHL-D179N YRRLNIVR	190	118
>VHL-D179N YRRLDIVRSL	43	>VHL-D179N YRRLNIVRSL	40	3
>VHL-D179N YRRLDIVRSLY	206	>VHL-D179N YRRLNIVRSLY	166	40
>VHL-D179N YRRLDIVRSLY	95	>VHL-D179N YRRLNIVRSLY	132	37
>VHL-D179N YRRLDIVRSL	304	>VHL-D179N YRRLNIVRSL	253	51
>VHL-D179N YRRLDIVRSLY	391	>VHL-D179N YRRLNIVRSLY	374	17
>VHL-D179N YRRLDIVRSL	94	>VHL-D179N YRRLNIVRSL	92	2
>VHL-D179N YRRLDIVRSLY	177	>VHL-D179N YRRLNIVRSLY	124	53
>VHL-D179N NYRRLDIVRSI	587	>VHL-D179N NYRRLNIVRSI	136	451
>VHL-D179N NYRRLDIVRSI	129	>VHL-D179N NYRRLNIVRSI	97	32
>VHL-D179N NYRRLDIV	3006	>VHL-D179N NYRRLNIV	398	2608
>VHL-D179N NYRRLDIVR	2598	>VHL-D179N NYRRLNIVR	417	2181
>VHL-D179N NYRRLDIVRSI	1019	>VHL-D179N NYRRLNIVRSI	378	641
>VHL-D179N NYRRLDIVR	256	>VHL-D179N NYRRLNIVR	121	135
>VHL-D179N NYRRLDIVR	30	>VHL-D179N NYRRLNIVR	20	10
>VHL-D179N ENYRRLDIV	953	>VHL-D179N ENYRRLNIV	196	757
>VHL-D179N PENYRRLDI	86	>VHL-D179N PENYRRLNI	75	11
>VHL-D179N KPENYRRLDI	104	>VHL-D179N KPENYRRLNI	160	56
>VHL-D179N KPENYRRLDI	139	>VHL-D179N KPENYRRLNI	77	62
>VHL-D187V·DLEDHPNV	8942	>VHL-D187V·VLEDHPNV	167	8775
>VHL-D187V·DLEDHPNV	3883	>VHL-D187V·VLEDHPNV	72	3811
>VHL-D187V·DLEDHPNV	3796	>VHL-D187V·VLEDHPNV	43	3753

>VHL-D187V·DLEDHPNV	10556	>VHL-D187V·VLEDHPNV	330	10226
>VHL-D187V·DLEDHPNV	227	>VHL-D187V·VLEDHPNV	6	221
>VHL-D187V·DLEDHPNV	1332	>VHL-D187V·VLEDHPNV	21	1311
>VHL-D187V·DLEDHPNV	552	>VHL-D187V·VLEDHPNV	24	528
>VHL-D187V·DLEDHPNV	1013	>VHL-D187V·VLEDHPNV	51	962
>VHL-D187V·DLEDHPNV	14	>VHL-D187V·VLEDHPNV	2	12
>VHL-D187V·DLEDHPNVQ	2743	>VHL-D187V·VLEDHPNVQ	291	2452
>VHL-D187V·DLEDHPNV	378	>VHL-D187V·VLEDHPNV	2822	2444
>VHL-D187V·EDLEDHPNV	5258	>VHL-D187V·EVLEDHPNV	283	4975
>VHL-D187V·EDLEDHPNV	7389	>VHL-D187V·EVLEDHPNV	54	7335
>VHL-D187V·EDLEDHPNV	6972	>VHL-D187V·EVLEDHPNV	41	6931
>VHL-D187V·EDLEDHPNV	14331	>VHL-D187V·EVLEDHPNV	38	14293
>VHL-D187V·EDLEDHPNV	16767	>VHL-D187V·EVLEDHPNV	39	16728
>VHL-D187V·EDLEDHPNV	20238	>VHL-D187V·EVLEDHPNV	101	20137
>VHL-D187V·EDLEDHPNV(	16859	>VHL-D187V·EVLEDHPNV(	203	16656
>VHL-D187V·EDLEDHPNV(	3044	>VHL-D187V·EVLEDHPNV(	21	3023
>VHL-D187V·EDLEDHPNV	17706	>VHL-D187V·EVLEDHPNV	258	17448
>VHL-D187V·EDLEDHPNV	25	>VHL-D187V·EVLEDHPNV	3	22
>VHL-D187V·EDLEDHPNV(	15098	>VHL-D187V·EVLEDHPNV(	477	14621
>VHL-D187V·RLDIVRSLYEC	18655	>VHL-D187V·RLDIVRSLYEV	38	18617
>VHL-D187V·RLDIVRSLYEC	12571	>VHL-D187V·RLDIVRSLYEV	25	12546
>VHL-D187V·RLDIVRSLYEC	21729	>VHL-D187V·RLDIVRSLYEV	99	21630
>VHL-D187V·RLDIVRSLYEC	18269	>VHL-D187V·RLDIVRSLYEV	80	18189
>VHL-D187V·RLDIVRSLYEC	4610	>VHL-D187V·RLDIVRSLYEV	3	4607
>VHL-D187V·RLDIVRSLYEC	12242	>VHL-D187V·RLDIVRSLYEV	15	12227
>VHL-D187V·RLDIVRSLYEC	14612	>VHL-D187V·RLDIVRSLYEV	6	14606
>VHL-D187V·RLDIVRSLYEC	25133	>VHL-D187V·RLDIVRSLYEV	48	25085
>VHL-D187V·RLDIVRSLYEC	19833	>VHL-D187V·RLDIVRSLYEV	4	19829
>VHL-D187V·YEDLEDHPN	1231	>VHL-D187V·YEVLEDHPN	131	1100
>VHL-D187V·YEDLEDHPN\	552	>VHL-D187V·YEVLEDHPNV	393	159
>VHL-D187V·LYEDLEDHPN	331	>VHL-D187V·LYEVLEDHPN	3157	2826
>VHL-D187V·SLYEDLED	581	>VHL-D187V·SLYEVLED	79	502
>VHL-D187V·SLYEDLEDHP	652	>VHL-D187V·SLYEVLEDHP	274	378
>VHL-D187V·SLYEDLEDHP	208	>VHL-D187V·SLYEVLEDHPI	73	135
>VHL-D187V·SLYEDLEDHP	663	>VHL-D187V·SLYEVLEDHP	369	294
>VHL-D187V·IVRSLYEDL	530	>VHL-D187V·IVRSLYEVL	441	89
>VHL-D187V·IVRSLYED	25781	>VHL-D187V·IVRSLYEV	408	25373
>VHL-D187V·IVRSLYED	22849	>VHL-D187V·IVRSLYEV	112	22737
>VHL-D187V·IVRSLYED	28311	>VHL-D187V·IVRSLYEV	247	28064
>VHL-D187V·IVRSLYED	29855	>VHL-D187V·IVRSLYEV	251	29604
>VHL-D187V·IVRSLYED	33351	>VHL-D187V·IVRSLYEV	27	33324
>VHL-D187V·IVRSLYED	1856	>VHL-D187V·IVRSLYEV	89	1767
>VHL-D187V·IVRSLYEDL	292	>VHL-D187V·IVRSLYEVL	28	264



>VHL-D187V·DIVRSLYED	35003	>VHL-D187V·DIVRSLYEV	178	34825
>VHL-D187V·DIVRSLYED	9761	>VHL-D187V·DIVRSLYEV	207	9554
>VHL-D187V·DIVRSLYEDL	114	>VHL-D187V·DIVRSLYEVL	57	57
>VHL-D187V·DIVRSLYED	14710	>VHL-D187V·DIVRSLYEV	20	14690
>VHL-D187V·DIVRSLYED	19061	>VHL-D187V·DIVRSLYEV	48	19013
>VHL-D187V·LDIVRSLYED	15920	>VHL-D187V·LDIVRSLYEV	56	15864
>VHL-D187V·LDIVRSLYEDL	491	>VHL-D187V·LDIVRSLYEVL	262	229
>VHL-D28V-v EEDGGEES	1748	>VHL-D28V-r EEVGGEES	249	1499
>VHL-D28V-v EEYGPEED	14688	>VHL-D28V-r EEYGPEEV	414	14274
>VHL-D28V-v EEYGPEED	1546	>VHL-D28V-r EEYGPEEV	42	1504
>VHL-D28V-v VEEYGPEED	11839	>VHL-D28V-r VEEYGPEEV	178	11661
>VHL-D28V-v VEEYGPEED	7163	>VHL-D28V-r VEEYGPEEV	118	7045
>VHL-D28V-v GVEEYGPEED	26877	>VHL-D28V-r GVEEYGPEEV	89	26788
>VHL-D28V-v GVEEYGPEED	24154	>VHL-D28V-r GVEEYGPEEV	425	23729
>VHL-D28V-v GVEEYGPEED	33552	>VHL-D28V-r GVEEYGPEEV	46	33506
>VHL-D92N-\ FDGEPQPY	1360	>VHL-D92N-r FNGEPQPY	414	946
>VHL-D92N-\ FDGEPQPY	1713	>VHL-D92N-r FNGEPQPY	357	1356
>VHL-D92N-\ NFDGEPQPY	338	>VHL-D92N-r NFNGEPQPY	88	250
>VHL-D92N-\ NFDGEPQPY	955	>VHL-D92N-r NFNGEPQPY	326	629
>VHL-D92N-\ NFDGEPQPY	501	>VHL-D92N-r NFNGEPQPY	249	252
>VHL-D92N-\ LNFDGEPQP\	648	>VHL-D92N-r LNFNGEPQP\	476	172
>VHL-D92N-\ LNFDGEPQP\	165	>VHL-D92N-r LNFNGEPQP\	161	4
>VHL-D92N-\ LNFDGEPQP\	562	>VHL-D92N-r LNFNGEPQP\	385	177
>VHL-D92N-\ LNFDGEPQP\	111	>VHL-D92N-r LNFNGEPQP\	49	62
>VHL-D92N-\ WLNFDGEPQ	50	>VHL-D92N-r WLNFNNGEPC	39	11
>VHL-D92N-\ WLNFDGEPQ	54	>VHL-D92N-r WLNFNNGEPC	52	2
>VHL-D92N-\ WLNFDGEPQ	52	>VHL-D92N-r WLNFNNGEPC	38	14
>VHL-D92N-\ WLNFDGEPQ	102	>VHL-D92N-r WLNFNNGEPC	74	28
>VHL-D92N-\ WLNFDGEPQ	90	>VHL-D92N-r WLNFNNGEPC	78	12
>VHL-D92N-\ WLNFDGEPQ	182	>VHL-D92N-r WLNFNNGEPC	133	49
>VHL-D92N-\ VWLNFDGE	227	>VHL-D92N-r VWLNFNNGE	221	6
>VHL-D92N-\ VWLNFDGEP	304	>VHL-D92N-r VWLNFNNGEP	201	103
>VHL-D92N-\ LPVWLNFDG	285	>VHL-D92N-r LPVWLNFNNG	347	62
>VHL-D92N-\ LPVWLNFD	106	>VHL-D92N-r LPVWLNFN	94	12
>VHL-D92N-\ LPVWLNFDG	251	>VHL-D92N-r LPVWLNFNNG	119	132
>VHL-D92N-\ LPVWLNFDG	345	>VHL-D92N-r LPVWLNFNNG	262	83
>VHL-D92Y-v FDGEPQPYPT	2339	>VHL-D92Y-n FYGEPQPYPT	134	2205
>VHL-D92Y-v FDGEPQPYPT	8130	>VHL-D92Y-n FYGEPQPYPT	222	7908
>VHL-D92Y-v FDGEPQPYPT	21115	>VHL-D92Y-n FYGEPQPYPT	6	21109
>VHL-D92Y-v FDGEPQPY	1360	>VHL-D92Y-n FYGEPQPY	33	1327
>VHL-D92Y-v FDGEPQPY	1713	>VHL-D92Y-n FYGEPQPY	366	1347
>VHL-D92Y-v RVVLPVWLN	20609	>VHL-D92Y-n RVVLPVWLN	127	20482
>VHL-D92Y-v RVVLPVWLN	12770	>VHL-D92Y-n RVVLPVWLN	6	12764

>VHL-D92Y-v RVVLPVWLN	34853	>VHL-D92Y-n RVVLPVWLN	333	34520
>VHL-D92Y-v RVVLPVWLN	22595	>VHL-D92Y-n RVVLPVWLN	37	22558
>VHL-D92Y-v RVVLPVWLN	18233	>VHL-D92Y-n RVVLPVWLN	64	18169
>VHL-D92Y-v RVVLPVWLN	21211	>VHL-D92Y-n RVVLPVWLN	13	21198
>VHL-D92Y-v RVVLPVWLN	17586	>VHL-D92Y-n RVVLPVWLN	53	17533
>VHL-D92Y-v RVVLPVWLN	20279	>VHL-D92Y-n RVVLPVWLN	82	20197
>VHL-D92Y-v NFDGEPQPY	338	>VHL-D92Y-n NFDGEPQPY	24	314
>VHL-D92Y-v NFDGEPQPY	955	>VHL-D92Y-n NFDGEPQPY	78	877
>VHL-D92Y-v NFDGEPQPY	501	>VHL-D92Y-n NFDGEPQPY	93	408
>VHL-D92Y-v LNFDGEPQP\	943	>VHL-D92Y-n LNFDGEPQP\	493	450
>VHL-D92Y-v LNFDGEPQP\	648	>VHL-D92Y-n LNFDGEPQP\	305	343
>VHL-D92Y-v LNFDGEPQP\	165	>VHL-D92Y-n LNFDGEPQP\	157	8
>VHL-D92Y-v LNFDGEPQP\	111	>VHL-D92Y-n LNFDGEPQP\	40	71
>VHL-D92Y-v WLNFDGEPQ	910	>VHL-D92Y-n WLNFDGEPQ	429	481
>VHL-D92Y-v WLNFDGEPQ	1888	>VHL-D92Y-n WLNFDGEPQ	495	1393
>VHL-D92Y-v WLNFDGEPQ	50	>VHL-D92Y-n WLNFDGEPQ	33	17
>VHL-D92Y-v WLNFDGEPQ	54	>VHL-D92Y-n WLNFDGEPQ	48	6
>VHL-D92Y-v WLNFDGEPQ	52	>VHL-D92Y-n WLNFDGEPQ	52	0
>VHL-D92Y-v WLNFDGEPQ	102	>VHL-D92Y-n WLNFDGEPQ	43	59
>VHL-D92Y-v WLNFDGEPQ	90	>VHL-D92Y-n WLNFDGEPQ	76	14
>VHL-D92Y-v WLNFDGEPQ	182	>VHL-D92Y-n WLNFDGEPQ	137	45
>VHL-D92Y-v VWLNFDGEP	3031	>VHL-D92Y-n VWLNFDGEP	211	2820
>VHL-D92Y-v VWLNFDGE	227	>VHL-D92Y-n VWLNFDGE	181	46
>VHL-D92Y-v VWLNFDGEP	304	>VHL-D92Y-n VWLNFDGEP	141	163
>VHL-D92Y-v VWLNFDGEP	635	>VHL-D92Y-n VWLNFDGEP	428	207
>VHL-D92Y-v LPVWLNFD	26545	>VHL-D92Y-n LPVWLNFD	245	26300
>VHL-D92Y-v LPVWLNFD	34293	>VHL-D92Y-n LPVWLNFD	256	34037
>VHL-D92Y-v LPVWLNFD	2777	>VHL-D92Y-n LPVWLNFD	12	2765
>VHL-D92Y-v LPVWLNFDG	285	>VHL-D92Y-n LPVWLNFDG	518	233
>VHL-D92Y-v LPVWLNFD	5659	>VHL-D92Y-n LPVWLNFD	29	5630
>VHL-D92Y-v LPVWLNFD	106	>VHL-D92Y-n LPVWLNFD	166	60
>VHL-D92Y-v LPVWLNFDG	251	>VHL-D92Y-n LPVWLNFDG	82	169
>VHL-D92Y-v LPVWLNFDG	345	>VHL-D92Y-n LPVWLNFDG	120	225
>VHL-D92Y-v LPVWLNFD	33130	>VHL-D92Y-n LPVWLNFD	148	32982
>VHL-D92Y-v LPVWLNFD	20568	>VHL-D92Y-n LPVWLNFD	268	20300
>VHL-D92Y-v VLPVWLNFD	4571	>VHL-D92Y-n VLPVWLNFD	269	4302
>VHL-D92Y-v VLPVWLNFD	36815	>VHL-D92Y-n VLPVWLNFD	305	36510
>VHL-D92Y-v VLPVWLNFD	24503	>VHL-D92Y-n VLPVWLNFD	47	24456
>VHL-D92Y-v VLPVWLNFD	13405	>VHL-D92Y-n VLPVWLNFD	16	13389
>VHL-D92Y-v VLPVWLNFD	24643	>VHL-D92Y-n VLPVWLNFD	58	24585
>VHL-D92Y-v VVLPVWLNFI	30394	>VHL-D92Y-n VVLPVWLNFI	98	30296
>VHL-D92Y-v VVLPVWLNFI	29766	>VHL-D92Y-n VVLPVWLNFI	140	29626
>VHL-D92Y-v VVLPVWLNFI	25283	>VHL-D92Y-n VVLPVWLNFI	85	25198

>VHL-D92Y-v VVLPVWLNFI	19761	>VHL-D92Y-n VVLPVWLNFI	10	19751
>VHL-D92Y-v VVLPVWLNFI	23440	>VHL-D92Y-n VVLPVWLNFI	232	23208
>VHL-E10G-v EAEVGAEAA	319	>VHL-E10G-n GAEEVGAEEA	13787	13468
>VHL-E10G-v DEAEVGAE	134	>VHL-E10G-n DGAEEVGAE	19837	19703
>VHL-E10G-v DEAEVGAAE	97	>VHL-E10G-n DGAEEVGAAE	19050	18953
>VHL-E10G-v ENWDEAEV	419	>VHL-E10G-n ENWDGAEV	188	231
>VHL-E10G-v ENWDEAEV	369	>VHL-E10G-n ENWDGAEV	90	279
>VHL-E10G-v AENWDEAEV	101	>VHL-E10G-n AENWDGAEV	46	55
>VHL-E10G-v AENWDEAEV	1090	>VHL-E10G-n AENWDGAEV	442	648
>VHL-E10G-v AENWDEAE	455	>VHL-E10G-n AENWDGAE	590	135
>VHL-E10G-v AENWDEAEV	17	>VHL-E10G-n AENWDGAEV	24	7
>VHL-E10G-v AENWDEAEV	335	>VHL-E10G-n AENWDGAEV	267	68
>VHL-E10G-v AENWDEAEV	8	>VHL-E10G-n AENWDGAEV	9	1
>VHL-E10G-v AENWDEAEV	193	>VHL-E10G-n AENWDGAEV	116	77
>VHL-E10G-v RRAENWDEA	368	>VHL-E10G-n RRAENWDG/	197	171
>VHL-E10G-v RRAENWDEA	320	>VHL-E10G-n RRAENWDG/	129	191
>VHL-E10G-v RRAENWDEA	196	>VHL-E10G-n RRAENWDG/	129	67
>VHL-E10G-v RRAENWDE	40	>VHL-E10G-n RRAENWDG	22	18
>VHL-E10G-v RRAENWDEA	617	>VHL-E10G-n RRAENWDG/	361	256
>VHL-E10G-v RRAENWDEA	143	>VHL-E10G-n RRAENWDG/	125	18
>VHL-E10G-v RRAENWDEA	1184	>VHL-E10G-n RRAENWDG/	400	784
>VHL-E10G-v RRAENWDEA	233	>VHL-E10G-n RRAENWDG/	149	84
>VHL-E10G-v MPRRAENWI	37	>VHL-E10G-n MPRRAENWI	58	21
>VHL-E10G-v MPRRAENWI	280	>VHL-E10G-n MPRRAENWI	879	599
>VHL-E10G-v MPRRAENWI	9	>VHL-E10G-n MPRRAENWI	11	2
>VHL-E12K-v EVGAEAAEAGV	7443	>VHL-E12K-n KVGAAEAAEAGV	419	7024
>VHL-E12K-v EVGAEAAEAGV	2756	>VHL-E12K-n KVGAAEAAEAGV	178	2578
>VHL-E12K-v EVGAEAAEAGV	5865	>VHL-E12K-n KVGAAEAAEAGV	305	5560
>VHL-E12K-v EVGAEAAEAGV	4197	>VHL-E12K-n KVGAAEAAEAGV	295	3902
>VHL-E12K-v EVGAEAAEAGV	422	>VHL-E12K-n KVGAAEAAEAGV	56	366
>VHL-E12K-v EVGAEAAEAGV	69	>VHL-E12K-n KVGAAEAAEAGV	11682	11613
>VHL-E12K-v EVGAEAAEAGV	75	>VHL-E12K-n KVGAAEAAEAGV	5808	5733
>VHL-E12K-v AEVGAEEAA	380	>VHL-E12K-n AKVGAEEAA	32719	32339
>VHL-E12K-v AEVGAEEAA	8	>VHL-E12K-n AKVGAEEAA	6627	6619
>VHL-E12K-v AEVGAEEAAG	197	>VHL-E12K-n AKVGAEEAAG	28935	28738
>VHL-E12K-v AEVGAEEAAG	61	>VHL-E12K-n AKVGAEEAAG	21412	21351
>VHL-E12K-v EAEVGAEAAEAC	727	>VHL-E12K-n EAKVGAEEAAC	458	269
>VHL-E12K-v EAEVGAEAAEAC	319	>VHL-E12K-n EAKVGAEEAAC	642	323
>VHL-E12K-v DEAEVGAE	134	>VHL-E12K-n DEAKVGAE	465	331
>VHL-E12K-v DEAEVGAAE	97	>VHL-E12K-n DEAKVGAAE	386	289
>VHL-E12K-v ENWDEAEV	419	>VHL-E12K-n ENWDEAKV	1847	1428
>VHL-E12K-v ENWDEAEV	369	>VHL-E12K-n ENWDEAKV	734	365
>VHL-E12K-v AENWDEAEV	101	>VHL-E12K-n AENWDEAKV	122	21

>VHL-E12K- $\mu$ AENWDEAE	455	>VHL-E12K- $\eta$ AENWDEAK	365	90
>VHL-E12K- $\mu$ AENWDEAEV	17	>VHL-E12K- $\eta$ AENWDEAKV	42	25
>VHL-E12K- $\mu$ AENWDEAEV	335	>VHL-E12K- $\eta$ AENWDEAKV	424	89
>VHL-E12K- $\mu$ AENWDEAEV	8	>VHL-E12K- $\eta$ AENWDEAKV	11	3
>VHL-E12K- $\mu$ AENWDEAEV	193	>VHL-E12K- $\eta$ AENWDEAKV	106	87
>VHL-E12K- $\mu$ RRAENWDEA	320	>VHL-E12K- $\eta$ RRAENWDEA	26	294
>VHL-E12K- $\mu$ RRAENWDEA	196	>VHL-E12K- $\eta$ RRAENWDEA	99	97
>VHL-E12K- $\mu$ RRAENWDEA	617	>VHL-E12K- $\eta$ RRAENWDEA	318	299
>VHL-E12K- $\mu$ RRAENWDEA	143	>VHL-E12K- $\eta$ RRAENWDEA	226	83
>VHL-E12K- $\mu$ RRAENWDEA	1184	>VHL-E12K- $\eta$ RRAENWDEA	207	977
>VHL-E12K- $\mu$ RRAENWDEA	233	>VHL-E12K- $\eta$ RRAENWDEA	324	91
>VHL-E134A- ELFVPSLNV	1283	>VHL-E134A- ALFVPSLNV	26	1257
>VHL-E134A- ELFVPSLNV	336	>VHL-E134A- ALFVPSLNV	21	315
>VHL-E134A- ELFVPSLNV	565	>VHL-E134A- ALFVPSLNV	21	544
>VHL-E134A- ELFVPSLNV	1117	>VHL-E134A- ALFVPSLNV	101	1016
>VHL-E134A- ELFVPSLNV	10	>VHL-E134A- ALFVPSLNV	3	7
>VHL-E134A- ELFVPSLNV	173	>VHL-E134A- ALFVPSLNV	12	161
>VHL-E134A- ELFVPSLNV	16	>VHL-E134A- ALFVPSLNV	5	11
>VHL-E134A- ELFVPSLNV	29	>VHL-E134A- ALFVPSLNV	18	11
>VHL-E134A- ELFVPSLNV	12	>VHL-E134A- ALFVPSLNV	3	9
>VHL-E134A- ELFVPSLNV	31	>VHL-E134A- ALFVPSLNV	1740	1709
>VHL-E134A- ELFVPSLNV	8	>VHL-E134A- ALFVPSLNV	370	362
>VHL-E134A- ELFVPSLNV	1341	>VHL-E134A- ALFVPSLNV	113	1228
>VHL-E134A- TELFVPSL	46	>VHL-E134A- TALFVPSL	24014	23968
>VHL-E134A- TELFVPSLNV	7180	>VHL-E134A- TALFVPSLNV	434	6746
>VHL-E134A- TELFVPSLNV	2710	>VHL-E134A- TALFVPSLNV	166	2544
>VHL-E134A- TELFVPSLNV	5732	>VHL-E134A- TALFVPSLNV	427	5305
>VHL-E134A- TELFVPSL	7793	>VHL-E134A- TALFVPSL	96	7697
>VHL-E134A- TELFVPSLNV	3297	>VHL-E134A- TALFVPSLNV	19	3278
>VHL-E134A- TELFVPSL	98	>VHL-E134A- TALFVPSL	17738	17640
>VHL-E134A- TELFVPSL	471	>VHL-E134A- TALFVPSL	1600	1129
>VHL-E134A- TELFVPSL	54	>VHL-E134A- TALFVPSL	19921	19867
>VHL-E134A- TELFVPSL	49	>VHL-E134A- TALFVPSL	21520	21471
>VHL-E134A- TELFVPSLNV	352	>VHL-E134A- TALFVPSLNV	33251	32899
>VHL-E134A- TELFVPSL	491	>VHL-E134A- TALFVPSL	35919	35428
>VHL-E134A- TELFVPSLNV	129	>VHL-E134A- TALFVPSLNV	31508	31379
>VHL-E134A- QTELFVPSL	4712	>VHL-E134A- QTALFVPSL	313	4399
>VHL-E134A- QTELFVPSL	3080	>VHL-E134A- QTALFVPSL	344	2736
>VHL-E134A- QTELFVPSL	5902	>VHL-E134A- QTALFVPSL	142	5760
>VHL-E134A- QTELFVPSL	513	>VHL-E134A- QTALFVPSL	135	378
>VHL-E134A- QTELFVPS	3812	>VHL-E134A- QTALFVPS	87	3725
>VHL-E134A- QTELFVPSL	3686	>VHL-E134A- QTALFVPSL	133	3553
>VHL-E134A- QTELFVPSLN'	604	>VHL-E134A- QTALFVPSLN	17	587

>VHL-E134A-QTELFVPSL	386	>VHL-E134A-QTALFVPSL	22	364
>VHL-E134A-QTELFVPSLN'	74	>VHL-E134A-QTALFVPSLN	7	67
>VHL-E134A-QTELFVPSL	59	>VHL-E134A-QTALFVPSL	17	42
>VHL-E134A-QTELFVPSLN'	1331	>VHL-E134A-QTALFVPSLN	337	994
>VHL-E134A-QTELFVPSL	80	>VHL-E134A-QTALFVPSL	24	56
>VHL-E134A-QTELFVPSLN'	767	>VHL-E134A-QTALFVPSLN	251	516
>VHL-E134A-QTELFVPSL	985	>VHL-E134A-QTALFVPSL	306	679
>VHL-E134A-NQTELFVPS	68	>VHL-E134A-NQTALFVPS	206	138
>VHL-E134A-NQTELFVPSL	231	>VHL-E134A-NQTALFVPSL	345	114
>VHL-E134A-NQTELFVPSL	316	>VHL-E134A-NQTALFVPSL	263	53
>VHL-E134A-NQTELFVPSL	42	>VHL-E134A-NQTALFVPSL	38	4
>VHL-E134A-NQTELFVPSL	513	>VHL-E134A-NQTALFVPSL	323	190
>VHL-E134A-LVNQTELFV	493	>VHL-E134A-LVNQTALFV	277	216
>VHL-E134A-LVNQTELFV	423	>VHL-E134A-LVNQTALFV	73	350
>VHL-E134A-LVNQTELFV	137	>VHL-E134A-LVNQTALFV	32	105
>VHL-E134A-LVNQTELFV	66	>VHL-E134A-LVNQTALFV	42	24
>VHL-E134A-LVNQTELFV	56	>VHL-E134A-LVNQTALFV	50	6
>VHL-E134A-LVNQTELFV	529	>VHL-E134A-LVNQTALFV	124	405
>VHL-E134A-LVNQTELFV	17	>VHL-E134A-LVNQTALFV	13	4
>VHL-E134A-LVNQTELFV	1642	>VHL-E134A-LVNQTALFV	73	1569
>VHL-E134A-LVNQTELF	220	>VHL-E134A-LVNQTALF	110	110
>VHL-E134A-LVNQTELF	870	>VHL-E134A-LVNQTALF	84	786
>VHL-E134A-LVNQTELF	733	>VHL-E134A-LVNQTALF	364	369
>VHL-E134A-LVNQTELF	74	>VHL-E134A-LVNQTALF	64	10
>VHL-E134A-LLVNQTEL	146	>VHL-E134A-LLVNQTAL	204	58
>VHL-E134A-LLVNQTELFV	17	>VHL-E134A-LLVNQTALFV	23	6
>VHL-E134A-LLVNQTEL	11	>VHL-E134A-LLVNQTAL	14	3
>VHL-E134A-LLVNQTELF	408	>VHL-E134A-LLVNQTALF	375	33
>VHL-E134A-LLVNQTELFV	15	>VHL-E134A-LLVNQTALFV	20	5
>VHL-E134A-LLVNQTEL	32	>VHL-E134A-LLVNQTAL	18	14
>VHL-E134A-LLVNQTELFV	28	>VHL-E134A-LLVNQTALFV	20	8
>VHL-E134A-LLVNQTEL	155	>VHL-E134A-LLVNQTAL	97	58
>VHL-E134A-LLVNQTELFV	61	>VHL-E134A-LLVNQTALFV	56	5
>VHL-E134A-LLVNQTEL	20	>VHL-E134A-LLVNQTAL	21	1
>VHL-E134A-LLVNQTELFV	3	>VHL-E134A-LLVNQTALFV	3	0
>VHL-E134A-LLVNQTEL	29	>VHL-E134A-LLVNQTAL	15	14
>VHL-E134A-LLVNQTELFV	6	>VHL-E134A-LLVNQTALFV	4	2
>VHL-E134A-LLVNQTEL	65	>VHL-E134A-LLVNQTAL	150	85
>VHL-E134A-LLVNQTELFV	7	>VHL-E134A-LLVNQTALFV	6	1
>VHL-E134A-LLVNQTEL	279	>VHL-E134A-LLVNQTAL	303	24
>VHL-E134A-LLVNQTELFV	9	>VHL-E134A-LLVNQTALFV	5	4
>VHL-E134A-LLVNQTEL	3	>VHL-E134A-LLVNQTAL	4	1
>VHL-E134A-LLVNQTELFV	2	>VHL-E134A-LLVNQTALFV	2	0

>VHL-E134A-LLVNQTELF	784	>VHL-E134A-LLVNQTALF	381	403
>VHL-E134A-LLVNQTELFV	1800	>VHL-E134A-LLVNQTALFV	411	1389
>VHL-E134A-LLVNQTEL	1369	>VHL-E134A-LLVNQTAL	362	1007
>VHL-E134A-LLVNQTELF	85	>VHL-E134A-LLVNQTALF	63	22
>VHL-E134A-LLVNQTEL	668	>VHL-E134A-LLVNQTAL	279	389
>VHL-E134A-LLVNQTELF	77	>VHL-E134A-LLVNQTALF	50	27
>VHL-E134A-GLLVNQTEL	76	>VHL-E134A-GLLVNQTAL	80	4
>VHL-E134A-GLLVNQTEL	171	>VHL-E134A-GLLVNQTAL	366	195
>VHL-E134A-GLLVNQTELF	31	>VHL-E134A-GLLVNQTALF	34	3
>VHL-E134A-GLLVNQTEL	66	>VHL-E134A-GLLVNQTAL	90	24
>VHL-E134A-GLLVNQTELF	83	>VHL-E134A-GLLVNQTALF	79	4
>VHL-E134A-GLLVNQTELF	237	>VHL-E134A-GLLVNQTALF	120	117
>VHL-E134A-GLLVNQTELF	81	>VHL-E134A-GLLVNQTALF	42	39
>VHL-E134A-GLLVNQTE	8252	>VHL-E134A-GLLVNQTA	38	8214
>VHL-E134A-GLLVNQTEL	27	>VHL-E134A-GLLVNQTAL	29	2
>VHL-E134A-GLLVNQTELF	3	>VHL-E134A-GLLVNQTALF	3	0
>VHL-E134A-GLLVNQTE	5663	>VHL-E134A-GLLVNQTA	21	5642
>VHL-E134A-GLLVNQTEL	17	>VHL-E134A-GLLVNQTAL	11	6
>VHL-E134A-GLLVNQTELF	4	>VHL-E134A-GLLVNQTALF	4	0
>VHL-E134A-GLLVNQTE	11538	>VHL-E134A-GLLVNQTA	35	11503
>VHL-E134A-GLLVNQTEL	17	>VHL-E134A-GLLVNQTAL	44	27
>VHL-E134A-GLLVNQTELF	4	>VHL-E134A-GLLVNQTALF	5	1
>VHL-E134A-GLLVNQTEL	74	>VHL-E134A-GLLVNQTAL	106	32
>VHL-E134A-GLLVNQTELF	5	>VHL-E134A-GLLVNQTALF	5	0
>VHL-E134A-GLLVNQTE	9014	>VHL-E134A-GLLVNQTA	23	8991
>VHL-E134A-GLLVNQTEL	8	>VHL-E134A-GLLVNQTAL	12	4
>VHL-E134A-GLLVNQTELF	4	>VHL-E134A-GLLVNQTALF	4	0
>VHL-E134A-GLLVNQTELF	484	>VHL-E134A-GLLVNQTALF	310	174
>VHL-E134A-HDGLLVNQTI	237	>VHL-E134A-HDGLLVNQTI	184	53
>VHL-E160K-ERCLQVVRSL	233	>VHL-E160K-KRCLQVVRSL	37	196
>VHL-E160K-ERCLQVVRSL	884	>VHL-E160K-KRCLQVVRSL	49	835
>VHL-E160K-ERCLQVVRSL	2847	>VHL-E160K-KRCLQVVRSL	141	2706
>VHL-E160K-ERCLQVVRSL	432	>VHL-E160K-KRCLQVVRSL	64	368
>VHL-E160K-ERCLQVVRSL	2470	>VHL-E160K-KRCLQVVRSL	75	2395
>VHL-E160K-ERCLQVVR	491	>VHL-E160K-KRCLQVVR	65	426
>VHL-E160K-KERCLQVV	67	>VHL-E160K-KKRCLQVV	19742	19675
>VHL-E160K-KERCLQVV	2741	>VHL-E160K-KKRCLQVV	484	2257
>VHL-E160K-KERCLQVVRS	2644	>VHL-E160K-KKRCLQVVRS	440	2204
>VHL-E160K-KERCLQVVR	367	>VHL-E160K-KKRCLQVVR	717	350
>VHL-E160K-KERCLQVV	722	>VHL-E160K-KKRCLQVV	19	703
>VHL-E160K-KERCLQVVR	2234	>VHL-E160K-KKRCLQVVR	47	2187
>VHL-E160K-KERCLQVVRS	291	>VHL-E160K-KKRCLQVVRS	9	282
>VHL-E160K-KERCLQVV	80	>VHL-E160K-KKRCLQVV	18507	18427

>VHL-E160K- KERCLQVVRS	27	>VHL-E160K- KKRCLQVVRS	11939	11912
>VHL-E160K- KERCLQVV	148	>VHL-E160K- KKRCLQVV	26422	26274
>VHL-E160K- KERCLQVVRS	39	>VHL-E160K- KKRCLQVVRS	12278	12239
>VHL-E160K- KERCLQVVRS	730	>VHL-E160K- KKRCLQVVRS	256	474
>VHL-E160K- NITLPVYTLKE	26275	>VHL-E160K- NITLPVYTLKK	129	26146
>VHL-E160K- NITLPVYTLKE	14863	>VHL-E160K- NITLPVYTLKK	153	14710
>VHL-E160K- LKERCLQV	2776	>VHL-E160K- LKKRCLQV	214	2562
>VHL-E160K- LKERCLQVV	714	>VHL-E160K- LKKRCLQVV	61	653
>VHL-E160K- LKERCLQVVR	2574	>VHL-E160K- LKKRCLQVVR	198	2376
>VHL-E160K- TLKERCLQV	403	>VHL-E160K- TLKKRCLQV	2738	2335
>VHL-E160K- TLKERCLQV	328	>VHL-E160K- TLKKRCLQV	1419	1091
>VHL-E160K- TLKERCLQV	7	>VHL-E160K- TLKKRCLQV	26	19
>VHL-E160K- TLKERCLQVV	50	>VHL-E160K- TLKKRCLQVV	74	24
>VHL-E160K- TLKERCLQV	186	>VHL-E160K- TLKKRCLQV	2010	1824
>VHL-E160K- TLKERCLQVV	141	>VHL-E160K- TLKKRCLQVV	1115	974
>VHL-E160K- TLKERCLQVV	109	>VHL-E160K- TLKKRCLQVV	702	593
>VHL-E160K- TLKERCLQV	308	>VHL-E160K- TLKKRCLQV	1854	1546
>VHL-E160K- TLKERCLQVV	369	>VHL-E160K- TLKKRCLQVV	1688	1319
>VHL-E160K- TLKERCLQV	3	>VHL-E160K- TLKKRCLQV	10	7
>VHL-E160K- TLKERCLQVV	4	>VHL-E160K- TLKKRCLQVV	10	6
>VHL-E160K- TLKERCLQVV	58	>VHL-E160K- TLKKRCLQVV	40	18
>VHL-E160K- TLKERCLQVV	96	>VHL-E160K- TLKKRCLQVV	162	66
>VHL-E160K- TLKERCLQVV	211	>VHL-E160K- TLKKRCLQVV	251	40
>VHL-E160K- TLKERCLQV	84	>VHL-E160K- TLKKRCLQV	33	51
>VHL-E160K- TLKERCLQVV	436	>VHL-E160K- TLKKRCLQVV	228	208
>VHL-E160K- YTLKERCLQV	93	>VHL-E160K- YTLKKRCLQV	364	271
>VHL-E160K- YTLKERCLQV'	308	>VHL-E160K- YTLKKRCLQV'	338	30
>VHL-E160K- YTLKERCLQV	127	>VHL-E160K- YTLKKRCLQV	159	32
>VHL-E160K- YTLKERCLQV	39	>VHL-E160K- YTLKKRCLQV	63	24
>VHL-E160K- YTLKERCLQV'	83	>VHL-E160K- YTLKKRCLQV'	118	35
>VHL-E160K- YTLKERCLQV	32	>VHL-E160K- YTLKKRCLQV	40	8
>VHL-E160K- YTLKERCLQV'	28	>VHL-E160K- YTLKKRCLQV'	25	3
>VHL-E160K- YTLKERCLQV'	95	>VHL-E160K- YTLKKRCLQV'	114	19
>VHL-E160K- YTLKERCLQV	31	>VHL-E160K- YTLKKRCLQV	43	12
>VHL-E160K- YTLKERCLQV'	40	>VHL-E160K- YTLKKRCLQV'	47	7
>VHL-E160K- YTLKERCLQV'	416	>VHL-E160K- YTLKKRCLQV'	412	4
>VHL-E160K- YTLKERCLQV	19	>VHL-E160K- YTLKKRCLQV	26	7
>VHL-E160K- YTLKERCLQV'	21	>VHL-E160K- YTLKKRCLQV'	22	1
>VHL-E160K- YTLKERCLQV	14	>VHL-E160K- YTLKKRCLQV	24	10
>VHL-E160K- YTLKERCLQV'	53	>VHL-E160K- YTLKKRCLQV'	85	32
>VHL-E160K- YTLKERCL	1357	>VHL-E160K- YTLKKRCL	121	1236
>VHL-E160K- YTLKERCL	205	>VHL-E160K- YTLKKRCL	145	60
>VHL-E160K- YTLKERCLQV	211	>VHL-E160K- YTLKKRCLQV	131	80

>VHL-E160K- YTLKERCL	280	>VHL-E160K- YTLKKRCL	161	119
>VHL-E160K- YTLKERCLQV'	130	>VHL-E160K- YTLKKRCLQV'	122	8
>VHL-E160K- PVYTLKER	616	>VHL-E160K- PVYTLKKR	232	384
>VHL-E160K- LPVYTLKERCL	224	>VHL-E160K- LPVYTLKKRCL	110	114
>VHL-E160K- LPVYTLKER	488	>VHL-E160K- LPVYTLKKR	793	305
>VHL-E160K- LPVYTLKERC	337	>VHL-E160K- LPVYTLKKRC	426	89
>VHL-E160K- TLPVYTLKE	19364	>VHL-E160K- TLPVYTLKK	102	19262
>VHL-E160K- TLPVYTLKE	25167	>VHL-E160K- TLPVYTLKK	88	25079
>VHL-E160K- TLPVYTLKER	247	>VHL-E160K- TLPVYTLKKR	317	70
>VHL-E160K- TLPVYTLKER	725	>VHL-E160K- TLPVYTLKKR	428	297
>VHL-E160K- ITPVYTLKE	6650	>VHL-E160K- ITPVYTLKK	19	6631
>VHL-E160K- ITPVYTLKE	22134	>VHL-E160K- ITPVYTLKK	11	22123
>VHL-E160K- ITPVYTLKER	348	>VHL-E160K- ITPVYTLKKR	424	76
>VHL-E160K- ITPVYTLKE	10796	>VHL-E160K- ITPVYTLKK	34	10762
>VHL-E160K- ITPVYTLKER	20	>VHL-E160K- ITPVYTLKKR	23	3
>VHL-E160K- ITPVYTLKER	115	>VHL-E160K- ITPVYTLKKR	183	68
>VHL-E160K- ITPVYTLKE	18507	>VHL-E160K- ITPVYTLKK	66	18441
>VHL-E160K- ITPVYTLKER	40	>VHL-E160K- ITPVYTLKKR	48	8
>VHL-E160K- ITPVYTLKE	4479	>VHL-E160K- ITPVYTLKK	186	4293
>VHL-E160K- ITPVYTLKER	394	>VHL-E160K- ITPVYTLKKR	558	164
>VHL-E189K- EDHPNVQK	16551	>VHL-E189K- KDHPNVQK	277	16274
>VHL-E189K- LEDHPNVQKI	144	>VHL-E189K- LKDHPNVQKI	19539	19395
>VHL-E189K- DIVRSLYEDLE	7845	>VHL-E189K- DIVRSLYEDLK	28	7817
>VHL-E189K- DLEDHPNV	3796	>VHL-E189K- DLKDHPNV	236	3560
>VHL-E189K- DLEDHPNV	227	>VHL-E189K- DLKDHPNV	472	245
>VHL-E189K- DLEDHPNV	14	>VHL-E189K- DLKDHPNV	14	0
>VHL-E189K- DLEDHPNV	378	>VHL-E189K- DLKDHPNV	628	250
>VHL-E189K- EDLEDHPNV	25	>VHL-E189K- EDLKDHPNV	266	241
>VHL-E189K- LYEDLEDHPN	331	>VHL-E189K- LYEDLKDHPN	458	127
>VHL-E189K- SLYEDLEDHPN	208	>VHL-E189K- SLYEDLKDHPN	355	147
>VHL-E189K- RSLYEDLE	22839	>VHL-E189K- RSLYEDLK	36	22803
>VHL-E189K- RSLYEDLE	12319	>VHL-E189K- RSLYEDLK	81	12238
>VHL-E189K- IVRSLYEDLE	7676	>VHL-E189K- IVRSLYEDLK	27	7649
>VHL-E189K- IVRSLYEDLE	24928	>VHL-E189K- IVRSLYEDLK	400	24528
>VHL-E204D- ERIAHQRM	303	>VHL-E204D- DRIAHQRM	1399	1096
>VHL-E204D- QERIAHQ	322	>VHL-E204D- QDRIAHQ	10029	9707
>VHL-E204D- QERIAHQRM	464	>VHL-E204D- QDRIAHQRM	5370	4906
>VHL-E204D- TQERIAHQ	152	>VHL-E204D- TQDRIAHQ	528	376
>VHL-E204D- TQERIAHQ	166	>VHL-E204D- TQDRIAHQ	467	301
>VHL-E204D- LTQERIAHQ	43	>VHL-E204D- LTQDRIAHQF	24	19
>VHL-E204D- LTQERIAHQ	317	>VHL-E204D- LTQDRIAHQF	196	121
>VHL-E204D- LTQERIAHQ	119	>VHL-E204D- LTQDRIAHQF	77	42
>VHL-E204D- LTQERIAHQ	9	>VHL-E204D- LTQDRIAHQF	8	1



>VHL-E204D-LTQERIAHQR	508	>VHL-E204D-LTQDRIAHQF	427	81
>VHL-E204D-LTQERIAHQR	109	>VHL-E204D-LTQDRIAHQF	44	65
>VHL-E204D-RLTQERIA	311	>VHL-E204D-RLTQDRIA	305	6
>VHL-E204D-RLTQERIAHQ	174	>VHL-E204D-RLTQDRIAHC	121	53
>VHL-E204D-RLTQERIAHQ	79	>VHL-E204D-RLTQDRIAHC	66	13
>VHL-E204D-RLTQERIAHQ	497	>VHL-E204D-RLTQDRIAHC	495	2
>VHL-E204D-RLTQERIAHQ	45	>VHL-E204D-RLTQDRIAHC	62	17
>VHL-E204D-LERLTQERI	43	>VHL-E204D-LERLTQDRI	26	17
>VHL-E204D-LERLTQERIAF	341	>VHL-E204D-LERLTQDRIAF	466	125
>VHL-E204D-LERLTQERI	25	>VHL-E204D-LERLTQDRI	25	0
>VHL-E204D-DLERLTQER	222	>VHL-E204D-DLERLTQDR	591	369
>VHL-E204D-DLERLTQER	454	>VHL-E204D-DLERLTQDR	1501	1047
>VHL-E204D-KDLERLTQER	55	>VHL-E204D-KDLERLTQDR	53	2
>VHL-E204D-KDLERLTQER	44	>VHL-E204D-KDLERLTQDR	44	0
>VHL-E204G-ERIAHQRM	303	>VHL-E204G-GRIAHQRM	14463	14160
>VHL-E204G-ERIAHQRM	992	>VHL-E204G-GRIAHQRM	110	882
>VHL-E204G-QERIAHQR	322	>VHL-E204G-QGRIAHQR	37651	37329
>VHL-E204G-QERIAHQRM	13090	>VHL-E204G-QGRIAHQRM	414	12676
>VHL-E204G-QERIAHQRM	464	>VHL-E204G-QGRIAHQRM	40736	40272
>VHL-E204G-TQERIAHQR	152	>VHL-E204G-TQGRIAHQR	109	43
>VHL-E204G-TQERIAHQR	166	>VHL-E204G-TQGRIAHQR	282	116
>VHL-E204G-LTQERIAHQR	43	>VHL-E204G-LTQGRIAHQF	16	27
>VHL-E204G-LTQERIAHQR	317	>VHL-E204G-LTQGRIAHQF	198	119
>VHL-E204G-LTQERIAHQR	119	>VHL-E204G-LTQGRIAHQF	56	63
>VHL-E204G-LTQERIAHQR	9	>VHL-E204G-LTQGRIAHQF	8	1
>VHL-E204G-LTQERIAHQR	508	>VHL-E204G-LTQGRIAHQF	396	112
>VHL-E204G-LTQERIAHQR	109	>VHL-E204G-LTQGRIAHQF	42	67
>VHL-E204G-RLTQERIA	311	>VHL-E204G-RLTQGRIA	176	135
>VHL-E204G-RLTQERIAHQ	174	>VHL-E204G-RLTQGRIAHC	75	99
>VHL-E204G-RLTQERIAHQ	79	>VHL-E204G-RLTQGRIAHC	34	45
>VHL-E204G-RLTQERIAHQ	497	>VHL-E204G-RLTQGRIAHC	459	38
>VHL-E204G-RLTQERIAHQ	45	>VHL-E204G-RLTQGRIAHC	84	39
>VHL-E204G-LERLTQERI	43	>VHL-E204G-LERLTQGRI	20	23
>VHL-E204G-LERLTQERIAF	341	>VHL-E204G-LERLTQGRIAF	260	81
>VHL-E204G-LERLTQERI	25	>VHL-E204G-LERLTQGRI	35	10
>VHL-E204G-DLERLTQER	222	>VHL-E204G-DLERLTQGR	368	146
>VHL-E204G-DLERLTQER	454	>VHL-E204G-DLERLTQGR	652	198
>VHL-E204G-KDLERLTQER	55	>VHL-E204G-KDLERLTQGR	79	24
>VHL-E204G-KDLERLTQER	554	>VHL-E204G-KDLERLTQGR	270	284
>VHL-E204G-KDLERLTQER	44	>VHL-E204G-KDLERLTQGR	38	6
>VHL-E204K-ERIAHQRM	303	>VHL-E204K-KRIAHQRM	10594	10291
>VHL-E204K-ERIAHQRM	1758	>VHL-E204K-KRIAHQRM	203	1555
>VHL-E204K-ERIAHQRM	992	>VHL-E204K-KRIAHQRM	67	925

>VHL-E204K- ERIAHQRM	4901	>VHL-E204K- KRIAHQRM	93	4808
>VHL-E204K- ERIAHQRMG	6506	>VHL-E204K- KRIAHQRMG	356	6150
>VHL-E204K- ERIAHQRM	1776	>VHL-E204K- KRIAHQRM	235	1541
>VHL-E204K- QERIAHQR	322	>VHL-E204K- QKRIAHQR	26208	25886
>VHL-E204K- QERIAHQRM	3343	>VHL-E204K- QKRIAHQRM	69	3274
>VHL-E204K- QERIAHQRM	464	>VHL-E204K- QKRIAHQRM	35627	35163
>VHL-E204K- TQERIAHQR	152	>VHL-E204K- TQKRIAHQR	16	136
>VHL-E204K- TQERIAHQR	166	>VHL-E204K- TQKRIAHQR	127	39
>VHL-E204K- TQERIAHQRM	4918	>VHL-E204K- TQKRIAHQRM	493	4425
>VHL-E204K- LTQERIAHQR	43	>VHL-E204K- LTQKRIAHQR	21	22
>VHL-E204K- LTQERIAHQR	317	>VHL-E204K- LTQKRIAHQR	469	152
>VHL-E204K- LTQERIAHQR	119	>VHL-E204K- LTQKRIAHQR	223	104
>VHL-E204K- LTQERIAHQR	9	>VHL-E204K- LTQKRIAHQR	14	5
>VHL-E204K- LTQERIAHQR	109	>VHL-E204K- LTQKRIAHQR	36	73
>VHL-E204K- RLTQERIA	311	>VHL-E204K- RLTQKRIA	346	35
>VHL-E204K- RLTQERIAHQ	174	>VHL-E204K- RLTQKRIAHO	276	102
>VHL-E204K- RLTQERIAHQ	79	>VHL-E204K- RLTQKRIAHO	22	57
>VHL-E204K- RLTQERIAHQ	497	>VHL-E204K- RLTQKRIAHO	627	130
>VHL-E204K- RLTQERIAHQ	45	>VHL-E204K- RLTQKRIAHO	52	7
>VHL-E204K- LERLTQERI	43	>VHL-E204K- LERLTQKRI	12	31
>VHL-E204K- LERLTQERIAH	341	>VHL-E204K- LERLTQKRIAHO	433	92
>VHL-E204K- LERLTQERI	25	>VHL-E204K- LERLTQKRI	59	34
>VHL-E204K- DLERLTQER	222	>VHL-E204K- DLERLTQKR	420	198
>VHL-E204K- DLERLTQER	454	>VHL-E204K- DLERLTQKR	668	214
>VHL-E204K- KDLERLTQER	757	>VHL-E204K- KDLERLTQKR	281	476
>VHL-E204K- KDLERLTQER	55	>VHL-E204K- KDLERLTQKR	111	56
>VHL-E204K- KDLERLTQER	554	>VHL-E204K- KDLERLTQKR	279	275
>VHL-E204K- KDLERLTQER	44	>VHL-E204K- KDLERLTQKR	79	35
>VHL-E26K-v GVEEYGP	26304	>VHL-E26K-n GVEEYGPK	126	26178
>VHL-E31G-v EESGAEES	196	>VHL-E31G-n GESGAEES	853	657
>VHL-E37K-v EESGPEES	259	>VHL-E37K-n EKSGPEES	30705	30446
>VHL-E37K-v AEESGPEES	279	>VHL-E37K-n AEKSGPEES	247	32
>VHL-E37K-v AEESGPEESG	136	>VHL-E37K-n AEKSGPEESG	611	475
>VHL-E37K-v EESGAEES	196	>VHL-E37K-n EESGAEKS	490	294
>VHL-E41V-v EESGPEEL	57	>VHL-E41V-n VESGPEEL	24	33
>VHL-E41V-v EESGPEEL	364	>VHL-E41V-n VESGPEEL	4522	4158
>VHL-E41V-v EESGPEELGA	355	>VHL-E41V-n VESGPEELGA	1480	1125
>VHL-E41V-v PEESGPEEL	231	>VHL-E41V-n PVESGPEEL	21847	21616
>VHL-E41V-v EESGAEESGP	6487	>VHL-E41V-n EESGAEESGP	163	6324
>VHL-E41V-v EESGAEESGP	1969	>VHL-E41V-n EESGAEESGP	66	1903
>VHL-E41V-v GPEESGPEEL	1365	>VHL-E41V-n GPVESGPEEL	405	960
>VHL-E41V-v EESGPEES	259	>VHL-E41V-n EESGPVES	152	107
>VHL-E41V-v AEESGPEES	279	>VHL-E41V-n AEESGPVES	129	150

>VHL-E41V-m AEESGPEESG	136	>VHL-E41V-n AEESGPVESG	98	38
>VHL-E41V-m SGAEESGPE	24378	>VHL-E41V-n SGAEESGPV	423	23955
>VHL-E41V-m ESGAEESGPE	30926	>VHL-E41V-n ESGAEESGPV	232	30694
>VHL-E41V-m ESGAEESGPE	19835	>VHL-E41V-n ESGAEESGPV	259	19576
>VHL-E42V-m EESGPEEL	19997	>VHL-E42V-n EVSGPEEL	203	19794
>VHL-E42V-m EESGPEEL	8154	>VHL-E42V-n EVSGPEEL	15	8139
>VHL-E42V-m EESGPEEL	57	>VHL-E42V-n EVSGPEEL	19069	19012
>VHL-E42V-m EESGPEEL	364	>VHL-E42V-n EVSGPEEL	40941	40577
>VHL-E42V-m EESGPEELGA	355	>VHL-E42V-n EVSGPEELGA	28858	28503
>VHL-E42V-m ESGAEESGPE	19417	>VHL-E42V-n ESGAEESGPE	378	19039
>VHL-E42V-m PEESGPEEL	231	>VHL-E42V-n PEVSGPEEL	138	93
>VHL-E42V-m EESGPEES	259	>VHL-E42V-n EESGPEVS	170	89
>VHL-E42V-m AEESGPEE	6452	>VHL-E42V-n AEESGPEV	78	6374
>VHL-E42V-m AEESGPEE	701	>VHL-E42V-n AEESGPEV	26	675
>VHL-E42V-m AEESGPEES	279	>VHL-E42V-n AEESGPEVS	184	95
>VHL-E42V-m AEESGPEESG	136	>VHL-E42V-n AEESGPEVSG	56	80
>VHL-E42V-m GAEESGPEE	34193	>VHL-E42V-n GAEESGPEV	145	34048
>VHL-E42V-m SGAEESGPEE	24735	>VHL-E42V-n SGAEESGPEV	215	24520
>VHL-E47K-m ELGAEEM	4313	>VHL-E47K-n KLGAEEM	244	4069
>VHL-E47K-m ELGAEEMEA/	941	>VHL-E47K-n KLGAEEMEA/	108	833
>VHL-E47K-m ELGAEEM	3228	>VHL-E47K-n KLGAEEM	257	2971
>VHL-E47K-m ELGAEEMEA/	1966	>VHL-E47K-n KLGAEEMEA/	128	1838
>VHL-E47K-m ELGAEEMEA/	5987	>VHL-E47K-n KLGAEEMEA/	396	5591
>VHL-E47K-m ELGAEEMEA/	2301	>VHL-E47K-n KLGAEEMEA/	94	2207
>VHL-E47K-m ELGAEEM	2837	>VHL-E47K-n KLGAEEM	376	2461
>VHL-E47K-m ELGAEEMEA/	238	>VHL-E47K-n KLGAEEMEA/	39	199
>VHL-E47K-m EELGAEEM	277	>VHL-E47K-n EKLGAEEEM	20464	20187
>VHL-E47K-m EELGAEEMEA	18	>VHL-E47K-n EKLGAEEEMEA	11787	11769
>VHL-E47K-m ESGPEESGPE	19455	>VHL-E47K-n ESGPEESGPE	319	19136
>VHL-E47K-m GPEELGAEEM	247	>VHL-E47K-n GPEKLGAEEM	644	397
>VHL-E47K-m EESGPEEL	57	>VHL-E47K-n EESGPEKL	111	54
>VHL-E47K-m EESGPEEL	364	>VHL-E47K-n EESGPEKL	941	577
>VHL-E47K-m EESGPEELGA	355	>VHL-E47K-n EESGPEKLGA	409	54
>VHL-E47K-m PEESGPEEL	231	>VHL-E47K-n PEESGPEKL	310	79
>VHL-E51Q-v AEEEMEAG	319	>VHL-E51Q-r AQEEMEAG	20605	20286
>VHL-E51Q-v AEEEMEAGR	430	>VHL-E51Q-r AQEEMEAGR	15040	14610
>VHL-E51Q-v LGAEEMEA/	442	>VHL-E51Q-r LGAQEEMEA	541	99
>VHL-E51Q-v ELGAEEMEA/	238	>VHL-E51Q-r ELGAQEEMEA/	232	6
>VHL-E51Q-v EELGAEEEM	721	>VHL-E51Q-r EELGAQEEM	219	502
>VHL-E51Q-v EELGAEEEM	277	>VHL-E51Q-r EELGAQEEM	272	5
>VHL-E51Q-v EELGAEEEM	898	>VHL-E51Q-r EELGAQEEM	279	619
>VHL-E51Q-v EELGAEEEM	630	>VHL-E51Q-r EELGAQEEM	341	289
>VHL-E51Q-v EELGAEEEM	588	>VHL-E51Q-r EELGAQEEM	370	218

>VHL-E51Q-v EELGAEEME	18	>VHL-E51Q-r EELGAQEEM	14	4
>VHL-E51Q-v GPEELGAEFE	247	>VHL-E51Q-r GPEELGAQEE	411	164
>VHL-F119L-l FRDAGTHDG	376	>VHL-F119L-l LRDAGTHDG	473	97
>VHL-F119L-l FRDAGTHDG	17	>VHL-F119L-l LRDAGTHDG	225	208
>VHL-F119L-l FRDAGTHDG	35	>VHL-F119L-l LRDAGTHDG	441	406
>VHL-F119L-l FRDAGTHDG	563	>VHL-F119L-l LRDAGTHDG	361	202
>VHL-F119L-l LFRDAGTHDC	5637	>VHL-F119L-l LLRDAGTHDC	64	5573
>VHL-F119L-l LFRDAGTHDC	16471	>VHL-F119L-l LLRDAGTHDC	63	16408
>VHL-F119L-l LFRDAGTHDC	17028	>VHL-F119L-l LLRDAGTHDC	65	16963
>VHL-F119L-l LFRDAGTHDC	21473	>VHL-F119L-l LLRDAGTHDC	358	21115
>VHL-F119L-l LFRDAGTHDC	19906	>VHL-F119L-l LLRDAGTHDC	402	19504
>VHL-F119L-l LFRDAGTHDC	8984	>VHL-F119L-l LLRDAGTHDC	4	8980
>VHL-F119L-l LFRDAGTHDC	5438	>VHL-F119L-l LLRDAGTHDC	332	5106
>VHL-F119L-l IHSYRGHLWL	131	>VHL-F119L-l IHSYRGHLWL	1061	930
>VHL-F119L-l IHSYRGHLWL	91	>VHL-F119L-l IHSYRGHLWL	1724	1633
>VHL-F119L-l IHSYRGHLWL	9580	>VHL-F119L-l IHSYRGHLWL	486	9094
>VHL-F119L-l IHSYRGHLWL	402	>VHL-F119L-l IHSYRGHLWL	3327	2925
>VHL-F119L-l WLFRDAGT	330	>VHL-F119L-l WLLRDAGT	2731	2401
>VHL-F119L-l WLFRDAGT	468	>VHL-F119L-l WLLRDAGT	513	45
>VHL-F119L-l WLFRDAGT	108	>VHL-F119L-l WLLRDAGT	190	82
>VHL-F119L-l WLFRDAGT	2909	>VHL-F119L-l WLLRDAGT	493	2416
>VHL-F119L-l WLFRDAGT	51	>VHL-F119L-l WLLRDAGT	86	35
>VHL-F119L-l LWLFRDAG	90	>VHL-F119L-l LWLLRDAG	128	38
>VHL-F119L-l HLWLFRDA	346	>VHL-F119L-l HLWLLRDA	434	88
>VHL-F119L-l RGHLWLFR	160	>VHL-F119L-l RGHLWLLR	448	288
>VHL-F119L-l RGHLWLFR	15	>VHL-F119L-l RGHLWLLR	45	30
>VHL-F119L-l RGHLWLFR	33	>VHL-F119L-l RGHLWLLR	42	9
>VHL-F119L-l YRGHLWLF	109	>VHL-F119L-l YRGHLWLL	1565	1456
>VHL-F119L-l YRGHLWLF	75	>VHL-F119L-l YRGHLWLL	65	10
>VHL-F119L-l YRGHLWLFR	66	>VHL-F119L-l YRGHLWLLR	47	19
>VHL-F119L-l YRGHLWLF	5439	>VHL-F119L-l YRGHLWLL	388	5051
>VHL-F119L-l YRGHLWLF	1531	>VHL-F119L-l YRGHLWLL	315	1216
>VHL-F119L-l YRGHLWLFR	44	>VHL-F119L-l YRGHLWLLR	66	22
>VHL-F119L-l SYRGHLWLF	32	>VHL-F119L-l SYRGHLWLL	153	121
>VHL-F119L-l SYRGHLWLF	24	>VHL-F119L-l SYRGHLWLL	73	49
>VHL-F119L-l SYRGHLWLF	5	>VHL-F119L-l SYRGHLWLL	8	3
>VHL-F119L-l SYRGHLWLF	351	>VHL-F119L-l SYRGHLWLL	3395	3044
>VHL-F119L-l SYRGHLWLF	96	>VHL-F119L-l SYRGHLWLL	4327	4231
>VHL-F119L-l SYRGHLWLF	840	>VHL-F119L-l SYRGHLWLL	54	786
>VHL-F119L-l SYRGHLWLF	11	>VHL-F119L-l SYRGHLWLLF	21	10
>VHL-F119L-l SYRGHLWLF	7	>VHL-F119L-l SYRGHLWLLF	14	7
>VHL-F119L-l SYRGHLWLF	88	>VHL-F119L-l SYRGHLWLLF	363	275
>VHL-F119L-l SYRGHLWLF	265	>VHL-F119L-l SYRGHLWLLF	411	146

>VHL-F119L- <sup>1</sup> SYRGHLWLF	396	>VHL-F119L- <sub>1</sub> SYRGHLWLLF	437	41
>VHL-F119L- <sup>1</sup> SYRGHLWLF	23	>VHL-F119L- <sub>1</sub> SYRGHLWLLF	31	8
>VHL-F119L- <sup>1</sup> SYRGHLWLF	430	>VHL-F119L- <sub>1</sub> SYRGHLWLLF	432	2
>VHL-F119L- <sup>1</sup> SYRGHLWLF	277	>VHL-F119L- <sub>1</sub> SYRGHLWLL	108	169
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	15183	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	407	14776
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	50	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	62	12
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	47	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	88	41
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	376	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	3928	3552
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	178	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	1112	934
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	2619	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	288	2331
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	27	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	73	46
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	457	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	2029	1572
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	8	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	13	5
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	293	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	1473	1180
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	27	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	56	29
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	9	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	15	6
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	8864	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	297	8567
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	36	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	1249	1213
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	62	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	311	249
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	19	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	83	64
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	705	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	408	297
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	55	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	381	326
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	300	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	321	21
>VHL-F119L- <sup>1</sup> HSYRGHLWLI	46	>VHL-F119L- <sub>1</sub> HSYRGHLWLI	64	18
>VHL-F136C- LFPVPSLNV	352	>VHL-F136C- LCVPSLNV	559	207
>VHL-F136C- LFPVPSLNV	483	>VHL-F136C- LCVPSLNV	29995	29512
>VHL-F136C- ELFPVPSLNV	336	>VHL-F136C- ELCVPSLNV	3770	3434
>VHL-F136C- ELFPVPSLNV	10	>VHL-F136C- ELCVPSLNV	71	61
>VHL-F136C- ELFPVPSLNV	173	>VHL-F136C- ELCVPSLNV	2209	2036
>VHL-F136C- ELFPVPSLNV	16	>VHL-F136C- ELCVPSLNV	416	400
>VHL-F136C- ELFPVPSLNV	29	>VHL-F136C- ELCVPSLNV	287	258
>VHL-F136C- ELFPVPSLNV	12	>VHL-F136C- ELCVPSLNV	28	16
>VHL-F136C- ELFPVPSLNV	31	>VHL-F136C- ELCVPSLNV	654	623
>VHL-F136C- ELFPVPSLNV	8	>VHL-F136C- ELCVPSLNV	101	93
>VHL-F136C- TELFVPSL	46	>VHL-F136C- TELCVPSL	63	17
>VHL-F136C- TELFVPSL	98	>VHL-F136C- TELCVPSL	154	56
>VHL-F136C- TELFVPSL	471	>VHL-F136C- TELCVPSL	357	114
>VHL-F136C- TELFVPSL	54	>VHL-F136C- TELCVPSL	76	22
>VHL-F136C- TELFVPSL	49	>VHL-F136C- TELCVPSL	94	45
>VHL-F136C- TELFVPSLNV	352	>VHL-F136C- TELCVPSLNV	1546	1194
>VHL-F136C- TELFVPSL	1206	>VHL-F136C- TELCVPSL	370	836
>VHL-F136C- TELFVPSL	491	>VHL-F136C- TELCVPSL	339	152
>VHL-F136C- TELFVPSLNV	129	>VHL-F136C- TELCVPSLNV	100	29

>VHL-F136C- QTELFVPSL	386	>VHL-F136C- QTELCVPSL	4703	4317
>VHL-F136C- QTELFVPSLN'	74	>VHL-F136C- QTELCVPSLN	445	371
>VHL-F136C- QTELFVPSL	59	>VHL-F136C- QTELCVPSL	70	11
>VHL-F136C- QTELFVPSL	80	>VHL-F136C- QTELCVPSL	292	212
>VHL-F136C- NQTELFVPS	68	>VHL-F136C- NQTELCVPS	814	746
>VHL-F136C- NQTELFVPSL	231	>VHL-F136C- NQTELCVPSL	282	51
>VHL-F136C- NQTELFVPSL	316	>VHL-F136C- NQTELCVPSL	664	348
>VHL-F136C- NQTELFVPSL	42	>VHL-F136C- NQTELCVPSL	77	35
>VHL-F136C- LVNQTELFV	493	>VHL-F136C- LVNQTELCV	2810	2317
>VHL-F136C- LVNQTELFV	423	>VHL-F136C- LVNQTELCV	3189	2766
>VHL-F136C- LVNQTELFV	137	>VHL-F136C- LVNQTELCV	2286	2149
>VHL-F136C- LVNQTELFV	66	>VHL-F136C- LVNQTELCV	801	735
>VHL-F136C- LVNQTELFV	56	>VHL-F136C- LVNQTELCV	257	201
>VHL-F136C- LVNQTELFV	17	>VHL-F136C- LVNQTELCV	53	36
>VHL-F136C- LVNQTELF	220	>VHL-F136C- LVNQTELC	18003	17783
>VHL-F136C- LVNQTELF	74	>VHL-F136C- LVNQTELC	12246	12172
>VHL-F136C- LLVNQTELFV	17	>VHL-F136C- LLVNQTELCV	71	54
>VHL-F136C- LLVNQTELF	408	>VHL-F136C- LLVNQTELC	1476	1068
>VHL-F136C- LLVNQTELFV	15	>VHL-F136C- LLVNQTELCV	45	30
>VHL-F136C- LLVNQTELFV	28	>VHL-F136C- LLVNQTELCV	75	47
>VHL-F136C- LLVNQTELFV	61	>VHL-F136C- LLVNQTELCV	138	77
>VHL-F136C- LLVNQTELF	3878	>VHL-F136C- LLVNQTELC	324	3554
>VHL-F136C- LLVNQTELFV	3	>VHL-F136C- LLVNQTELCV	9	6
>VHL-F136C- LLVNQTELFV	6	>VHL-F136C- LLVNQTELCV	9	3
>VHL-F136C- LLVNQTELFV	7	>VHL-F136C- LLVNQTELCV	10	3
>VHL-F136C- LLVNQTELFV	9	>VHL-F136C- LLVNQTELCV	18	9
>VHL-F136C- LLVNQTELF	2777	>VHL-F136C- LLVNQTELC	52	2725
>VHL-F136C- LLVNQTELFV	2	>VHL-F136C- LLVNQTELCV	3	1
>VHL-F136C- LLVNQTELF	85	>VHL-F136C- LLVNQTELC	15703	15618
>VHL-F136C- LLVNQTELF	77	>VHL-F136C- LLVNQTELC	18474	18397
>VHL-F136C- GLLVNQTELF	31	>VHL-F136C- GLLVNQTELC	100	69
>VHL-F136C- GLLVNQTELF	83	>VHL-F136C- GLLVNQTELC	374	291
>VHL-F136C- GLLVNQTELF	237	>VHL-F136C- GLLVNQTELC	803	566
>VHL-F136C- GLLVNQTELF	81	>VHL-F136C- GLLVNQTELC	573	492
>VHL-F136C- GLLVNQTELF	2982	>VHL-F136C- GLLVNQTELC	287	2695
>VHL-F136C- GLLVNQTELF	3	>VHL-F136C- GLLVNQTELC	9	6
>VHL-F136C- GLLVNQTELF	4301	>VHL-F136C- GLLVNQTELC	262	4039
>VHL-F136C- GLLVNQTELF	4	>VHL-F136C- GLLVNQTELC	6	2
>VHL-F136C- GLLVNQTELF	4	>VHL-F136C- GLLVNQTELC	5	1
>VHL-F136C- GLLVNQTELF	5	>VHL-F136C- GLLVNQTELC	9	4
>VHL-F136C- GLLVNQTELF	3430	>VHL-F136C- GLLVNQTELC	161	3269
>VHL-F136C- GLLVNQTELF	4	>VHL-F136C- GLLVNQTELC	7	3
>VHL-F136C- GLLVNQTELF	484	>VHL-F136C- GLLVNQTELC	22843	22359

>VHL-F136I-v LFPVPSLNV	10916	>VHL-F136I-r LIVPSSLNV	413	10503
>VHL-F136I-v LFPVPSLNV	638	>VHL-F136I-r LIVPSSLNV	100	538
>VHL-F136I-v LFPVPSLNV	3687	>VHL-F136I-r LIVPSSLNV	22	3665
>VHL-F136I-v LFPVPSLNV	1788	>VHL-F136I-r LIVPSSLNV	18	1770
>VHL-F136I-v LFPVPSLNV	3571	>VHL-F136I-r LIVPSSLNV	49	3522
>VHL-F136I-v LFPVPSLNV	10145	>VHL-F136I-r LIVPSSLNV	374	9771
>VHL-F136I-v LFPVPSLNV	5777	>VHL-F136I-r LIVPSSLNV	136	5641
>VHL-F136I-v LFPVPSLNV	352	>VHL-F136I-r LIVPSSLNV	5	347
>VHL-F136I-v LFPVPSLNV	10029	>VHL-F136I-r LIVPSSLNV	271	9758
>VHL-F136I-v LFPVPSLNV	9178	>VHL-F136I-r LIVPSSLNV	252	8926
>VHL-F136I-v LFPVPSLNV	483	>VHL-F136I-r LIVPSSLNV	21903	21420
>VHL-F136I-v ELFPVPSLNV	336	>VHL-F136I-r ELIVPSSLNV	1103	767
>VHL-F136I-v ELFPVPSLNV	10	>VHL-F136I-r ELIVPSSLNV	57	47
>VHL-F136I-v ELFPVPSLNV	173	>VHL-F136I-r ELIVPSSLNV	191	18
>VHL-F136I-v ELFPVPSLNV	16	>VHL-F136I-r ELIVPSSLNV	101	85
>VHL-F136I-v ELFPVPSLNV	29	>VHL-F136I-r ELIVPSSLNV	117	88
>VHL-F136I-v ELFPVPSLNV	12	>VHL-F136I-r ELIVPSSLNV	19	7
>VHL-F136I-v ELFPVPSLNV	31	>VHL-F136I-r ELIVPSSLNV	63	32
>VHL-F136I-v ELFPVPSLNV	8	>VHL-F136I-r ELIVPSSLNV	12	4
>VHL-F136I-v TELFVPSL	46	>VHL-F136I-r TELIVPSL	57	11
>VHL-F136I-v TELFVPSL	98	>VHL-F136I-r TELIVPSL	161	63
>VHL-F136I-v TELFVPSL	471	>VHL-F136I-r TELIVPSL	455	16
>VHL-F136I-v TELFVPSL	54	>VHL-F136I-r TELIVPSL	106	52
>VHL-F136I-v TELFVPSL	49	>VHL-F136I-r TELIVPSL	40	9
>VHL-F136I-v TELFVPSLNV	352	>VHL-F136I-r TELIVPSLNV	977	625
>VHL-F136I-v TELFVPSL	491	>VHL-F136I-r TELIVPSL	538	47
>VHL-F136I-v TELFVPSLNV	129	>VHL-F136I-r TELIVPSLNV	198	69
>VHL-F136I-v QTELFVPSL	513	>VHL-F136I-r QTELIVPSL	360	153
>VHL-F136I-v QTELFVPSLN'	604	>VHL-F136I-r QTELIVPSLN'	322	282
>VHL-F136I-v QTELFVPSL	386	>VHL-F136I-r QTELIVPSL	1142	756
>VHL-F136I-v QTELFVPSLN'	74	>VHL-F136I-r QTELIVPSLN'	141	67
>VHL-F136I-v QTELFVPSL	59	>VHL-F136I-r QTELIVPSL	163	104
>VHL-F136I-v QTELFVPSL	80	>VHL-F136I-r QTELIVPSL	220	140
>VHL-F136I-v NQTELFVPS	68	>VHL-F136I-r NQTELIVPS	188	120
>VHL-F136I-v NQTELFVPSL	231	>VHL-F136I-r NQTELIVPSL	480	249
>VHL-F136I-v NQTELFVPSL	316	>VHL-F136I-r NQTELIVPSL	706	390
>VHL-F136I-v NQTELFVPSL	42	>VHL-F136I-r NQTELIVPSL	42	0
>VHL-F136I-v NQTELFVPSL	513	>VHL-F136I-r NQTELIVPSL	477	36
>VHL-F136I-v LVNQTELFV	493	>VHL-F136I-r LVNQTELIV	3310	2817
>VHL-F136I-v LVNQTELFV	423	>VHL-F136I-r LVNQTELIV	1353	930
>VHL-F136I-v LVNQTELFV	137	>VHL-F136I-r LVNQTELIV	2398	2261
>VHL-F136I-v LVNQTELFV	66	>VHL-F136I-r LVNQTELIV	918	852
>VHL-F136I-v LVNQTELFV	56	>VHL-F136I-r LVNQTELIV	643	587

>VHL-F136I-v LLVNQTELFV	17	>VHL-F136I-r LLVNQTELV	46	29
>VHL-F136I-v LLVNQTELF	220	>VHL-F136I-r LLVNQTELI	8911	8691
>VHL-F136I-v LLVNQTELF	74	>VHL-F136I-r LLVNQTELI	757	683
>VHL-F136I-v LLVNQTELF	14320	>VHL-F136I-r LLVNQTELI	252	14068
>VHL-F136I-v LLVNQTELFV	17	>VHL-F136I-r LLVNQTELV	96	79
>VHL-F136I-v LLVNQTELF	408	>VHL-F136I-r LLVNQTELI	14	394
>VHL-F136I-v LLVNQTELFV	15	>VHL-F136I-r LLVNQTELV	39	24
>VHL-F136I-v LLVNQTELF	5545	>VHL-F136I-r LLVNQTELI	25	5520
>VHL-F136I-v LLVNQTELFV	28	>VHL-F136I-r LLVNQTELV	47	19
>VHL-F136I-v LLVNQTELF	1048	>VHL-F136I-r LLVNQTELI	108	940
>VHL-F136I-v LLVNQTELFV	61	>VHL-F136I-r LLVNQTELV	157	96
>VHL-F136I-v LLVNQTELF	3878	>VHL-F136I-r LLVNQTELI	24	3854
>VHL-F136I-v LLVNQTELFV	3	>VHL-F136I-r LLVNQTELV	12	9
>VHL-F136I-v LLVNQTELF	10282	>VHL-F136I-r LLVNQTELI	34	10248
>VHL-F136I-v LLVNQTELFV	6	>VHL-F136I-r LLVNQTELV	10	4
>VHL-F136I-v LLVNQTELF	16375	>VHL-F136I-r LLVNQTELI	139	16236
>VHL-F136I-v LLVNQTELFV	7	>VHL-F136I-r LLVNQTELV	14	7
>VHL-F136I-v LLVNQTELF	16464	>VHL-F136I-r LLVNQTELI	444	16020
>VHL-F136I-v LLVNQTELFV	9	>VHL-F136I-r LLVNQTELV	56	47
>VHL-F136I-v LLVNQTELF	2777	>VHL-F136I-r LLVNQTELI	14	2763
>VHL-F136I-v LLVNQTELFV	2	>VHL-F136I-r LLVNQTELV	3	1
>VHL-F136I-v LLVNQTELF	85	>VHL-F136I-r LLVNQTELI	5149	5064
>VHL-F136I-v LLVNQTELF	77	>VHL-F136I-r LLVNQTELI	3638	3561
>VHL-F136I-v GLLVNQTELF	7197	>VHL-F136I-r GLLVNQTELI	414	6783
>VHL-F136I-v GLLVNQTELF	31	>VHL-F136I-r GLLVNQTELV	177	146
>VHL-F136I-v GLLVNQTELF	4774	>VHL-F136I-r GLLVNQTELI	155	4619
>VHL-F136I-v GLLVNQTELF	83	>VHL-F136I-r GLLVNQTELV	465	382
>VHL-F136I-v GLLVNQTELF	11687	>VHL-F136I-r GLLVNQTELI	210	11477
>VHL-F136I-v GLLVNQTELF	237	>VHL-F136I-r GLLVNQTELV	421	184
>VHL-F136I-v GLLVNQTELF	81	>VHL-F136I-r GLLVNQTELV	462	381
>VHL-F136I-v GLLVNQTELF	2982	>VHL-F136I-r GLLVNQTELI	26	2956
>VHL-F136I-v GLLVNQTELF	3	>VHL-F136I-r GLLVNQTELV	11	8
>VHL-F136I-v GLLVNQTELF	4301	>VHL-F136I-r GLLVNQTELI	16	4285
>VHL-F136I-v GLLVNQTELF	4	>VHL-F136I-r GLLVNQTELV	7	3
>VHL-F136I-v GLLVNQTELF	8615	>VHL-F136I-r GLLVNQTELI	32	8583
>VHL-F136I-v GLLVNQTELF	4	>VHL-F136I-r GLLVNQTELV	6	2
>VHL-F136I-v GLLVNQTELF	15249	>VHL-F136I-r GLLVNQTELI	128	15121
>VHL-F136I-v GLLVNQTELF	5	>VHL-F136I-r GLLVNQTELV	25	20
>VHL-F136I-v GLLVNQTELF	3430	>VHL-F136I-r GLLVNQTELI	41	3389
>VHL-F136I-v GLLVNQTELF	4	>VHL-F136I-r GLLVNQTELV	6	2
>VHL-F136I-v GLLVNQTELF	484	>VHL-F136I-r GLLVNQTELI	8351	7867
>VHL-F136L-l LFVPSLNV	10916	>VHL-F136L-l LLVPSLNV	38	10878
>VHL-F136L-l LFVPSLNV	638	>VHL-F136L-l LLVPSLNV	16	622



>VHL-F136L-1 LFPVPSLNVDG	12856	>VHL-F136L-1 LLVPSLNVDG	391	12465
>VHL-F136L-1 LFPVPSLNV	3687	>VHL-F136L-1 LLVPSLNV	6	3681
>VHL-F136L-1 LFPVPSLNV	1788	>VHL-F136L-1 LLVPSLNV	11	1777
>VHL-F136L-1 LFPVPSLNV	3571	>VHL-F136L-1 LLVPSLNV	4	3567
>VHL-F136L-1 LFPVPSLNV	10145	>VHL-F136L-1 LLVPSLNV	7	10138
>VHL-F136L-1 LFPVPSLNV	5777	>VHL-F136L-1 LLVPSLNV	9	5768
>VHL-F136L-1 LFPVPSLNV	16083	>VHL-F136L-1 LLVPSLNV	13	16070
>VHL-F136L-1 LFPVPSLNV	352	>VHL-F136L-1 LLVPSLNV	2	350
>VHL-F136L-1 LFPVPSLNVDG	26515	>VHL-F136L-1 LLVPSLNVDG	84	26431
>VHL-F136L-1 LFPVPSLNV	483	>VHL-F136L-1 LLVPSLNV	17187	16704
>VHL-F136L-1 ELFPVPSLNV	336	>VHL-F136L-1 ELLVPSLNV	2298	1962
>VHL-F136L-1 ELFPVPSLNV	10	>VHL-F136L-1 ELLVPSLNV	15	5
>VHL-F136L-1 ELFPVPSLNV	173	>VHL-F136L-1 ELLVPSLNV	110	63
>VHL-F136L-1 ELFPVPSLNV	16	>VHL-F136L-1 ELLVPSLNV	17	1
>VHL-F136L-1 ELFPVPSLNV	29	>VHL-F136L-1 ELLVPSLNV	8	21
>VHL-F136L-1 ELFPVPSLNV	12	>VHL-F136L-1 ELLVPSLNV	15	3
>VHL-F136L-1 ELFPVPSLNV	31	>VHL-F136L-1 ELLVPSLNV	632	601
>VHL-F136L-1 ELFPVPSLNV	8	>VHL-F136L-1 ELLVPSLNV	6	2
>VHL-F136L-1 TELFPVPSL	46	>VHL-F136L-1 TELLVPSL	17	29
>VHL-F136L-1 TELFPVPSL	98	>VHL-F136L-1 TELLVPSL	115	17
>VHL-F136L-1 TELFPVPSL	471	>VHL-F136L-1 TELLVPSL	312	159
>VHL-F136L-1 TELFPVPSL	54	>VHL-F136L-1 TELLVPSL	95	41
>VHL-F136L-1 TELFPVPSL	49	>VHL-F136L-1 TELLVPSL	37	12
>VHL-F136L-1 TELFPVPSLNV	352	>VHL-F136L-1 TELLVPSLNV	474	122
>VHL-F136L-1 TELFPVPSL	491	>VHL-F136L-1 TELLVPSL	639	148
>VHL-F136L-1 TELFPVPSL	724	>VHL-F136L-1 TELLVPSL	273	451
>VHL-F136L-1 TELFPVPSLNV	129	>VHL-F136L-1 TELLVPSLNV	168	39
>VHL-F136L-1 QTELPVPSL	386	>VHL-F136L-1 QTELLVPSL	1613	1227
>VHL-F136L-1 QTELPVPSLN'	74	>VHL-F136L-1 QTELLVPSLN'	180	106
>VHL-F136L-1 QTELPVPSL	59	>VHL-F136L-1 QTELLVPSL	75	16
>VHL-F136L-1 QTELPVPSL	80	>VHL-F136L-1 QTELLVPSL	218	138
>VHL-F136L-1 NQTELPVPS	68	>VHL-F136L-1 NQTELLVPS	124	56
>VHL-F136L-1 NQTELPVPSL	231	>VHL-F136L-1 NQTELLVPSL	284	53
>VHL-F136L-1 NQTELPVPSL	316	>VHL-F136L-1 NQTELLVPSL	929	613
>VHL-F136L-1 NQTELPVPSL	42	>VHL-F136L-1 NQTELLVPSL	60	18
>VHL-F136L-1 LVNQTELF	8425	>VHL-F136L-1 LVNQTELL	206	8219
>VHL-F136L-1 LVNQTELFV	493	>VHL-F136L-1 LVNQTELLV	1041	548
>VHL-F136L-1 LVNQTELFV	423	>VHL-F136L-1 LVNQTELLV	582	159
>VHL-F136L-1 LVNQTELFV	137	>VHL-F136L-1 LVNQTELLV	581	444
>VHL-F136L-1 LVNQTELFV	66	>VHL-F136L-1 LVNQTELLV	274	208
>VHL-F136L-1 LVNQTELFV	56	>VHL-F136L-1 LVNQTELLV	316	260
>VHL-F136L-1 LVNQTELF	25363	>VHL-F136L-1 LVNQTELL	392	24971
>VHL-F136L-1 LVNQTELFV	17	>VHL-F136L-1 LVNQTELLV	18	1

>VHL-F136L- <sup>-1</sup> LVNQTELF	220	>VHL-F136L- <sup>-1</sup> LVNQTELL	5492	5272
>VHL-F136L- <sup>-1</sup> LVNQTELF	74	>VHL-F136L- <sup>-1</sup> LVNQTELL	1714	1640
>VHL-F136L- <sup>-1</sup> LLVNQTELF	14320	>VHL-F136L- <sup>-1</sup> LLVNQTELL	189	14131
>VHL-F136L- <sup>-1</sup> LLVNQTELFV	17	>VHL-F136L- <sup>-1</sup> LLVNQTELLV	37	20
>VHL-F136L- <sup>-1</sup> LLVNQTELF	408	>VHL-F136L- <sup>-1</sup> LLVNQTELL	7	401
>VHL-F136L- <sup>-1</sup> LLVNQTELFV	15	>VHL-F136L- <sup>-1</sup> LLVNQTELLV	18	3
>VHL-F136L- <sup>-1</sup> LLVNQTELF	5545	>VHL-F136L- <sup>-1</sup> LLVNQTELL	46	5499
>VHL-F136L- <sup>-1</sup> LLVNQTELFV	28	>VHL-F136L- <sup>-1</sup> LLVNQTELLV	31	3
>VHL-F136L- <sup>-1</sup> LLVNQTELF	1048	>VHL-F136L- <sup>-1</sup> LLVNQTELL	116	932
>VHL-F136L- <sup>-1</sup> LLVNQTELFV	61	>VHL-F136L- <sup>-1</sup> LLVNQTELLV	83	22
>VHL-F136L- <sup>-1</sup> LLVNQTELF	3878	>VHL-F136L- <sup>-1</sup> LLVNQTELL	28	3850
>VHL-F136L- <sup>-1</sup> LLVNQTELFV	3	>VHL-F136L- <sup>-1</sup> LLVNQTELLV	5	2
>VHL-F136L- <sup>-1</sup> LLVNQTELF	10282	>VHL-F136L- <sup>-1</sup> LLVNQTELL	32	10250
>VHL-F136L- <sup>-1</sup> LLVNQTELFV	6	>VHL-F136L- <sup>-1</sup> LLVNQTELLV	11	5
>VHL-F136L- <sup>-1</sup> LLVNQTELF	16375	>VHL-F136L- <sup>-1</sup> LLVNQTELL	102	16273
>VHL-F136L- <sup>-1</sup> LLVNQTELFV	7	>VHL-F136L- <sup>-1</sup> LLVNQTELLV	10	3
>VHL-F136L- <sup>-1</sup> LLVNQTELF	16464	>VHL-F136L- <sup>-1</sup> LLVNQTELL	228	16236
>VHL-F136L- <sup>-1</sup> LLVNQTELFV	9	>VHL-F136L- <sup>-1</sup> LLVNQTELLV	38	29
>VHL-F136L- <sup>-1</sup> LLVNQTELF	2777	>VHL-F136L- <sup>-1</sup> LLVNQTELL	5	2772
>VHL-F136L- <sup>-1</sup> LLVNQTELFV	2	>VHL-F136L- <sup>-1</sup> LLVNQTELLV	2	0
>VHL-F136L- <sup>-1</sup> LLVNQTELF	85	>VHL-F136L- <sup>-1</sup> LLVNQTELL	2459	2374
>VHL-F136L- <sup>-1</sup> LLVNQTELF	77	>VHL-F136L- <sup>-1</sup> LLVNQTELL	2751	2674
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	7197	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	326	6871
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	31	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	47	16
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	4774	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	87	4687
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	83	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	152	69
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	11687	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	304	11383
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	237	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	286	49
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	81	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	203	122
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	2982	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	29	2953
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	3	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	6	3
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	4301	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	15	4286
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	4	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	7	3
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	8615	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	22	8593
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	4	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	5	1
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	15249	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	69	15180
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	5	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	20	15
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	3430	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	16	3414
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	4	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	5	1
>VHL-F136L- <sup>-1</sup> GLLVNQTELF	484	>VHL-F136L- <sup>-1</sup> GLLVNQTELL	7243	6759
>VHL-F136S- <sup>-1</sup> LFVPSLNV	1788	>VHL-F136S- <sup>-1</sup> LSVPSLNV	421	1367
>VHL-F136S- <sup>-1</sup> LFVPSLNV	352	>VHL-F136S- <sup>-1</sup> LSVPSLNV	3343	2991
>VHL-F136S- <sup>-1</sup> LFVPSLNV	10029	>VHL-F136S- <sup>-1</sup> LSVPSLNV	431	9598

>VHL-F136S-LFVPSLNV	22460	>VHL-F136S-LSVPSLNV	33	22427
>VHL-F136S-LFVPSLNV	483	>VHL-F136S-LSVPSLNV	27955	27472
>VHL-F136S-ELFVPSLNV	336	>VHL-F136S-ELSVPSLNV	942	606
>VHL-F136S-ELFVPSLNV	10	>VHL-F136S-ELSVPSLNV	121	111
>VHL-F136S-ELFVPSLNV	173	>VHL-F136S-ELSVPSLNV	588	415
>VHL-F136S-ELFVPSLNV	16	>VHL-F136S-ELSVPSLNV	71	55
>VHL-F136S-ELFVPSLNV	29	>VHL-F136S-ELSVPSLNV	22	7
>VHL-F136S-ELFVPSLNV	12	>VHL-F136S-ELSVPSLNV	16	4
>VHL-F136S-ELFVPSLNV	31	>VHL-F136S-ELSVPSLNV	111	80
>VHL-F136S-ELFVPSLNV	8	>VHL-F136S-ELSVPSLNV	29	21
>VHL-F136S-TELFVPSL	46	>VHL-F136S-TELSVPSL	139	93
>VHL-F136S-TELFVPSL	98	>VHL-F136S-TELSVPSL	210	112
>VHL-F136S-TELFVPSL	471	>VHL-F136S-TELSVPSL	87	384
>VHL-F136S-TELFVPSL	54	>VHL-F136S-TELSVPSL	60	6
>VHL-F136S-TELFVPSL	49	>VHL-F136S-TELSVPSL	63	14
>VHL-F136S-TELFVPSLNV	352	>VHL-F136S-TELSVPSLNV	621	269
>VHL-F136S-TELFVPSL	1206	>VHL-F136S-TELSVPSL	447	759
>VHL-F136S-TELFVPSL	491	>VHL-F136S-TELSVPSL	368	123
>VHL-F136S-TELFVPSLNV	129	>VHL-F136S-TELSVPSLNV	110	19
>VHL-F136S-QTELFVPSL	386	>VHL-F136S-QTELSVPSL	1895	1509
>VHL-F136S-QTELFVPSLN'	74	>VHL-F136S-QTELSVPSLN'	211	137
>VHL-F136S-QTELFVPSL	59	>VHL-F136S-QTELSVPSL	12	47
>VHL-F136S-QTELFVPSLN'	1331	>VHL-F136S-QTELSVPSLN'	382	949
>VHL-F136S-QTELFVPSL	80	>VHL-F136S-QTELSVPSL	150	70
>VHL-F136S-NQTELFVPS	68	>VHL-F136S-NQTELSVPS	521	453
>VHL-F136S-NQTELFVPSL	231	>VHL-F136S-NQTELSVPSL	665	434
>VHL-F136S-NQTELFVPSL	316	>VHL-F136S-NQTELSVPSL	318	2
>VHL-F136S-NQTELFVPSL	42	>VHL-F136S-NQTELSVPSL	28	14
>VHL-F136S-LVNQTELFV	493	>VHL-F136S-LVNQTELSV	1584	1091
>VHL-F136S-LVNQTELFV	423	>VHL-F136S-LVNQTELSV	439	16
>VHL-F136S-LVNQTELFV	137	>VHL-F136S-LVNQTELSV	396	259
>VHL-F136S-LVNQTELFV	66	>VHL-F136S-LVNQTELSV	146	80
>VHL-F136S-LVNQTELFV	56	>VHL-F136S-LVNQTELSV	292	236
>VHL-F136S-LVNQTELFV	17	>VHL-F136S-LVNQTELSV	9	8
>VHL-F136S-LVNQTELF	220	>VHL-F136S-LVNQTELS	17283	17063
>VHL-F136S-LVNQTELF	74	>VHL-F136S-LVNQTELS	17530	17456
>VHL-F136S-LLVNQTELFV	17	>VHL-F136S-LLVNQTELSV	28	11
>VHL-F136S-LLVNQTELF	408	>VHL-F136S-LLVNQTELS	496	88
>VHL-F136S-LLVNQTELFV	15	>VHL-F136S-LLVNQTELSV	18	3
>VHL-F136S-LLVNQTELFV	28	>VHL-F136S-LLVNQTELSV	19	9
>VHL-F136S-LLVNQTELFV	61	>VHL-F136S-LLVNQTELSV	70	9
>VHL-F136S-LLVNQTELFV	3	>VHL-F136S-LLVNQTELSV	4	1
>VHL-F136S-LLVNQTELFV	6	>VHL-F136S-LLVNQTELSV	7	1

>VHL-F136S-LLVNQTELFV	7	>VHL-F136S-LLVNQTELSV	11	4
>VHL-F136S-LLVNQTELFV	9	>VHL-F136S-LLVNQTELSV	19	10
>VHL-F136S-LLVNQTELFV	2	>VHL-F136S-LLVNQTELSV	2	0
>VHL-F136S-LLVNQTELF	85	>VHL-F136S-LLVNQTELS	14530	14445
>VHL-F136S-LLVNQTELF	77	>VHL-F136S-LLVNQTELS	19204	19127
>VHL-F136S-GLLVNQTELF	31	>VHL-F136S-GLLVNQTELS	54	23
>VHL-F136S-GLLVNQTELF	83	>VHL-F136S-GLLVNQTELS	185	102
>VHL-F136S-GLLVNQTELF	237	>VHL-F136S-GLLVNQTELS	200	37
>VHL-F136S-GLLVNQTELF	81	>VHL-F136S-GLLVNQTELS	177	96
>VHL-F136S-GLLVNQTELF	3	>VHL-F136S-GLLVNQTELS	4	1
>VHL-F136S-GLLVNQTELF	4	>VHL-F136S-GLLVNQTELS	5	1
>VHL-F136S-GLLVNQTELF	4	>VHL-F136S-GLLVNQTELS	5	1
>VHL-F136S-GLLVNQTELF	5	>VHL-F136S-GLLVNQTELS	8	3
>VHL-F136S-GLLVNQTELF	4	>VHL-F136S-GLLVNQTELS	3	1
>VHL-F136S-GLLVNQTELF	484	>VHL-F136S-GLLVNQTELS	23873	23389
>VHL-F136V-LFVPSLNV	638	>VHL-F136V-LVVP SLNV	195	443
>VHL-F136V-LFVPSLNV	3687	>VHL-F136V-LVVP SLNV	46	3641
>VHL-F136V-LFVPSLNV	1788	>VHL-F136V-LVVP SLNV	18	1770
>VHL-F136V-LFVPSLNV	3571	>VHL-F136V-LVVP SLNV	188	3383
>VHL-F136V-LFVPSLNV	5777	>VHL-F136V-LVVP SLNV	478	5299
>VHL-F136V-LFVPSLNV	352	>VHL-F136V-LVVP SLNV	8	344
>VHL-F136V-LFVPSLNV	10029	>VHL-F136V-LVVP SLNV	61	9968
>VHL-F136V-LFVPSLNV	9178	>VHL-F136V-LVVP SLNV	125	9053
>VHL-F136V-LFVPSLNV	483	>VHL-F136V-LVVP SLNV	24639	24156
>VHL-F136V-ELFVPSLNV	336	>VHL-F136V-ELVVP SLNV	1841	1505
>VHL-F136V-ELFVPSLNV	10	>VHL-F136V-ELVVP SLNV	87	77
>VHL-F136V-ELFVPSLNV	173	>VHL-F136V-ELVVP SLNV	654	481
>VHL-F136V-ELFVPSLNV	16	>VHL-F136V-ELVVP SLNV	131	115
>VHL-F136V-ELFVPSLNV	29	>VHL-F136V-ELVVP SLNV	113	84
>VHL-F136V-ELFVPSLNV	12	>VHL-F136V-ELVVP SLNV	21	9
>VHL-F136V-ELFVPSLNV	31	>VHL-F136V-ELVVP SLNV	111	80
>VHL-F136V-ELFVPSLNV	8	>VHL-F136V-ELVVP SLNV	14	6
>VHL-F136V-TELFVPSL	46	>VHL-F136V-TELVVPSL	58	12
>VHL-F136V-TELFVPSL	98	>VHL-F136V-TELVVPSL	168	70
>VHL-F136V-TELFVPSL	471	>VHL-F136V-TELVVPSL	217	254
>VHL-F136V-TELFVPSL	54	>VHL-F136V-TELVVPSL	86	32
>VHL-F136V-TELFVPSL	49	>VHL-F136V-TELVVPSL	48	1
>VHL-F136V-TELFVPSLNV	352	>VHL-F136V-TELVVPSLNV	552	200
>VHL-F136V-TELFVPSL	491	>VHL-F136V-TELVVPSL	560	69
>VHL-F136V-TELFVPSLNV	129	>VHL-F136V-TELVVPSLNV	201	72
>VHL-F136V-QTELFVPSLN'	604	>VHL-F136V-QTELVVPSLN	468	136
>VHL-F136V-QTELFVPSL	386	>VHL-F136V-QTELVVPSL	1488	1102
>VHL-F136V-QTELFVPSLN'	74	>VHL-F136V-QTELVVPSLN	171	97

>VHL-F136V- QTELVVPSL	59	>VHL-F136V- QTELVVPSL	299	240
>VHL-F136V- QTELVVPSL	80	>VHL-F136V- QTELVVPSL	237	157
>VHL-F136V- NQTELVVPS	68	>VHL-F136V- NQTELVVPS	461	393
>VHL-F136V- NQTELVVPSL	231	>VHL-F136V- NQTELVVPSL	493	262
>VHL-F136V- NQTELVVPSL	316	>VHL-F136V- NQTELVVPSL	615	299
>VHL-F136V- NQTELVVPSL	42	>VHL-F136V- NQTELVVPSL	32	10
>VHL-F136V- LVNQTELV	8425	>VHL-F136V- LVNQTELV	156	8269
>VHL-F136V- LVNQTELVV	493	>VHL-F136V- LVNQTELVV	3571	3078
>VHL-F136V- LVNQTELV	19052	>VHL-F136V- LVNQTELV	163	18889
>VHL-F136V- LVNQTELVV	423	>VHL-F136V- LVNQTELVV	1592	1169
>VHL-F136V- LVNQTELV	8492	>VHL-F136V- LVNQTELV	245	8247
>VHL-F136V- LVNQTELVV	137	>VHL-F136V- LVNQTELVV	2059	1922
>VHL-F136V- LVNQTELV	20678	>VHL-F136V- LVNQTELV	127	20551
>VHL-F136V- LVNQTELVV	66	>VHL-F136V- LVNQTELVV	290	224
>VHL-F136V- LVNQTELV	25016	>VHL-F136V- LVNQTELV	381	24635
>VHL-F136V- LVNQTELVV	56	>VHL-F136V- LVNQTELVV	483	427
>VHL-F136V- LVNQTELV	25363	>VHL-F136V- LVNQTELV	15	25348
>VHL-F136V- LVNQTELVV	17	>VHL-F136V- LVNQTELVV	31	14
>VHL-F136V- LVNQTELV	20265	>VHL-F136V- LVNQTELV	314	19951
>VHL-F136V- LVNQTELV	220	>VHL-F136V- LVNQTELV	10165	9945
>VHL-F136V- LVNQTELV	74	>VHL-F136V- LVNQTELV	10827	10753
>VHL-F136V- LLVNQTELV	14320	>VHL-F136V- LLVNQTELV	52	14268
>VHL-F136V- LLVNQTELVV	17	>VHL-F136V- LLVNQTELVV	65	48
>VHL-F136V- LLVNQTELV	408	>VHL-F136V- LLVNQTELV	6	402
>VHL-F136V- LLVNQTELVV	15	>VHL-F136V- LLVNQTELVV	35	20
>VHL-F136V- LLVNQTELV	5545	>VHL-F136V- LLVNQTELV	7	5538
>VHL-F136V- LLVNQTELVV	28	>VHL-F136V- LLVNQTELVV	46	18
>VHL-F136V- LLVNQTELV	1048	>VHL-F136V- LLVNQTELV	19	1029
>VHL-F136V- LLVNQTELVV	61	>VHL-F136V- LLVNQTELVV	143	82
>VHL-F136V- LLVNQTELV	3878	>VHL-F136V- LLVNQTELV	4	3874
>VHL-F136V- LLVNQTELVV	3	>VHL-F136V- LLVNQTELVV	5	2
>VHL-F136V- LLVNQTELV	10282	>VHL-F136V- LLVNQTELV	6	10276
>VHL-F136V- LLVNQTELVV	6	>VHL-F136V- LLVNQTELVV	8	2
>VHL-F136V- LLVNQTELV	16375	>VHL-F136V- LLVNQTELV	11	16364
>VHL-F136V- LLVNQTELVV	7	>VHL-F136V- LLVNQTELVV	12	5
>VHL-F136V- LLVNQTELV	16464	>VHL-F136V- LLVNQTELV	9	16455
>VHL-F136V- LLVNQTELVV	9	>VHL-F136V- LLVNQTELVV	32	23
>VHL-F136V- LLVNQTELV	2777	>VHL-F136V- LLVNQTELV	2	2775
>VHL-F136V- LLVNQTELVV	2	>VHL-F136V- LLVNQTELVV	2	0
>VHL-F136V- LLVNQTELV	85	>VHL-F136V- LLVNQTELV	6043	5958
>VHL-F136V- LLVNQTELV	77	>VHL-F136V- LLVNQTELV	4917	4840
>VHL-F136V- GLLVNQTELV	7197	>VHL-F136V- GLLVNQTELV	81	7116
>VHL-F136V- GLLVNQTELV	31	>VHL-F136V- GLLVNQTELV	164	133

>VHL-F136V- GLLVNQTELF	4774	>VHL-F136V- GLLVNQTELV	95	4679
>VHL-F136V- GLLVNQTELF	83	>VHL-F136V- GLLVNQTELV	467	384
>VHL-F136V- GLLVNQTELF	11687	>VHL-F136V- GLLVNQTELV	63	11624
>VHL-F136V- GLLVNQTELF	237	>VHL-F136V- GLLVNQTELV	445	208
>VHL-F136V- GLLVNQTELF	81	>VHL-F136V- GLLVNQTELV	450	369
>VHL-F136V- GLLVNQTELF	2982	>VHL-F136V- GLLVNQTELV	4	2978
>VHL-F136V- GLLVNQTELF	3	>VHL-F136V- GLLVNQTELV	6	3
>VHL-F136V- GLLVNQTELF	4301	>VHL-F136V- GLLVNQTELV	5	4296
>VHL-F136V- GLLVNQTELF	4	>VHL-F136V- GLLVNQTELV	6	2
>VHL-F136V- GLLVNQTELF	8615	>VHL-F136V- GLLVNQTELV	6	8609
>VHL-F136V- GLLVNQTELF	4	>VHL-F136V- GLLVNQTELV	6	2
>VHL-F136V- GLLVNQTELF	15249	>VHL-F136V- GLLVNQTELV	6	15243
>VHL-F136V- GLLVNQTELF	5	>VHL-F136V- GLLVNQTELV	16	11
>VHL-F136V- GLLVNQTELF	3430	>VHL-F136V- GLLVNQTELV	5	3425
>VHL-F136V- GLLVNQTELF	4	>VHL-F136V- GLLVNQTELV	5	1
>VHL-F136V- GLLVNQTELF	484	>VHL-F136V- GLLVNQTELV	10130	9646
>VHL-F136Y- LFPVPSLNV	11581	>VHL-F136Y- LYVPSLNV	468	11113
>VHL-F136Y- LFPVPSLNV	352	>VHL-F136Y- LYVPSLNV	258	94
>VHL-F136Y- LFPVPSLNV	4338	>VHL-F136Y- LYVPSLNV	189	4149
>VHL-F136Y- LFPVPSLNV	483	>VHL-F136Y- LYVPSLNV	443	40
>VHL-F136Y- ELFPVPSLNV	336	>VHL-F136Y- ELYVPSLNV	768	432
>VHL-F136Y- ELFPVPSLNV	565	>VHL-F136Y- ELYVPSLNV	249	316
>VHL-F136Y- ELFPVPSLNV	10	>VHL-F136Y- ELYVPSLNV	8	2
>VHL-F136Y- ELFPVPSLNV	173	>VHL-F136Y- ELYVPSLNV	133	40
>VHL-F136Y- ELFPVPSLNV	16	>VHL-F136Y- ELYVPSLNV	14	2
>VHL-F136Y- ELFPVPSLNV	29	>VHL-F136Y- ELYVPSLNV	27	2
>VHL-F136Y- ELFPVPSLNV	12	>VHL-F136Y- ELYVPSLNV	10	2
>VHL-F136Y- ELFPVPSLNV	31	>VHL-F136Y- ELYVPSLNV	123	92
>VHL-F136Y- ELFPVPSLNV	8	>VHL-F136Y- ELYVPSLNV	6	2
>VHL-F136Y- TELFVPSL	46	>VHL-F136Y- TELYVPSL	22	24
>VHL-F136Y- TELFVPSL	98	>VHL-F136Y- TELYVPSL	165	67
>VHL-F136Y- TELFVPSL	471	>VHL-F136Y- TELYVPSL	234	237
>VHL-F136Y- TELFVPSL	54	>VHL-F136Y- TELYVPSL	38	16
>VHL-F136Y- TELFVPSL	49	>VHL-F136Y- TELYVPSL	57	8
>VHL-F136Y- TELFVPSLNV	352	>VHL-F136Y- TELYVPSLNV	239	113
>VHL-F136Y- TELFVPSL	491	>VHL-F136Y- TELYVPSL	387	104
>VHL-F136Y- TELFVPSL	724	>VHL-F136Y- TELYVPSL	323	401
>VHL-F136Y- TELFVPSLNV	129	>VHL-F136Y- TELYVPSLNV	62	67
>VHL-F136Y- QTELFVPSL	386	>VHL-F136Y- QTELYVPSL	759	373
>VHL-F136Y- QTELFVPSLN'	74	>VHL-F136Y- QTELYVPSLN'	110	36
>VHL-F136Y- QTELFVPSL	59	>VHL-F136Y- QTELYVPSL	28	31
>VHL-F136Y- QTELFVPSL	80	>VHL-F136Y- QTELYVPSL	117	37
>VHL-F136Y- NQTELFVPSL	527	>VHL-F136Y- NQTELYVPSL	411	116

>VHL-F136Y- NQTELVPS	68	>VHL-F136Y- NQTELYVPS	663	595
>VHL-F136Y- NQTELVPSL	231	>VHL-F136Y- NQTELYVPSL	492	261
>VHL-F136Y- NQTELVPSL	316	>VHL-F136Y- NQTELYVPSL	372	56
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>VHL-F136Y- NQTELVPSL	513	>VHL-F136Y- NQTELYVPSL	484	29
>VHL-F136Y- LVNQTELF	13242	>VHL-F136Y- LVNQTELY	291	12951
>VHL-F136Y- LVNQTELV	493	>VHL-F136Y- LVNQTELYV	520	27
>VHL-F136Y- LVNQTELV	423	>VHL-F136Y- LVNQTELYV	369	54
>VHL-F136Y- LVNQTELV	137	>VHL-F136Y- LVNQTELYV	161	24
>VHL-F136Y- LVNQTELV	66	>VHL-F136Y- LVNQTELYV	21	45
>VHL-F136Y- LVNQTELV	56	>VHL-F136Y- LVNQTELYV	61	5
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>VHL-F136Y- LVNQTELV	17	>VHL-F136Y- LVNQTELYV	10	7
>VHL-F136Y- LVNQTELF	1892	>VHL-F136Y- LVNQTELY	33	1859
>VHL-F136Y- LVNQTELF	13134	>VHL-F136Y- LVNQTELY	149	12985
>VHL-F136Y- LVNQTELF	11863	>VHL-F136Y- LVNQTELY	44	11819
>VHL-F136Y- LVNQTELF	220	>VHL-F136Y- LVNQTELY	173	47
>VHL-F136Y- LVNQTELF	733	>VHL-F136Y- LVNQTELY	318	415
>VHL-F136Y- LVNQTELF	74	>VHL-F136Y- LVNQTELY	269	195
>VHL-F136Y- LLVNQTELV	17	>VHL-F136Y- LLVNQTELYV	11	6
>VHL-F136Y- LLVNQTELF	408	>VHL-F136Y- LLVNQTELY	3828	3420
>VHL-F136Y- LLVNQTELV	15	>VHL-F136Y- LLVNQTELYV	11	4
>VHL-F136Y- LLVNQTELV	28	>VHL-F136Y- LLVNQTELYV	15	13
>VHL-F136Y- LLVNQTELV	61	>VHL-F136Y- LLVNQTELYV	44	17
>VHL-F136Y- LLVNQTELV	3	>VHL-F136Y- LLVNQTELYV	2	1
>VHL-F136Y- LLVNQTELV	6	>VHL-F136Y- LLVNQTELYV	4	2
>VHL-F136Y- LLVNQTELV	7	>VHL-F136Y- LLVNQTELYV	7	0
>VHL-F136Y- LLVNQTELV	9	>VHL-F136Y- LLVNQTELYV	6	3
>VHL-F136Y- LLVNQTELV	2	>VHL-F136Y- LLVNQTELYV	2	0
>VHL-F136Y- LLVNQTELF	784	>VHL-F136Y- LLVNQTELY	16	768
>VHL-F136Y- LLVNQTELF	10153	>VHL-F136Y- LLVNQTELY	18	10135
>VHL-F136Y- LLVNQTELF	85	>VHL-F136Y- LLVNQTELY	88	3
>VHL-F136Y- LLVNQTELF	991	>VHL-F136Y- LLVNQTELY	333	658
>VHL-F136Y- LLVNQTELF	77	>VHL-F136Y- LLVNQTELY	518	441
>VHL-F136Y- GLLVNQTELF	31	>VHL-F136Y- GLLVNQTELY	23	8
>VHL-F136Y- GLLVNQTELF	83	>VHL-F136Y- GLLVNQTELY	72	11
>VHL-F136Y- GLLVNQTELF	237	>VHL-F136Y- GLLVNQTELY	203	34
>VHL-F136Y- GLLVNQTELF	81	>VHL-F136Y- GLLVNQTELY	82	1
>VHL-F136Y- GLLVNQTELF	3	>VHL-F136Y- GLLVNQTELY	2	1
>VHL-F136Y- GLLVNQTELF	4	>VHL-F136Y- GLLVNQTELY	4	0
>VHL-F136Y- GLLVNQTELF	4	>VHL-F136Y- GLLVNQTELY	5	1
>VHL-F136Y- GLLVNQTELF	5	>VHL-F136Y- GLLVNQTELY	4	1
>VHL-F136Y- GLLVNQTELF	4	>VHL-F136Y- GLLVNQTELY	3	1

>VHL-F136Y- GLLVNQTELF	3249	>VHL-F136Y- GLLVNQTELY	422	2827
>VHL-F136Y- GLLVNQTELF	16529	>VHL-F136Y- GLLVNQTELY	449	16080
>VHL-F136Y- GLLVNQTELF	993	>VHL-F136Y- GLLVNQTELY	364	629
>VHL-F136Y- GLLVNQTELF	484	>VHL-F136Y- GLLVNQTELY	2192	1708
>VHL-F148S- FANITLPVYTL	351	>VHL-F148S- SANITLPVYTL	1007	656
>VHL-F148S- FANITLPV	136	>VHL-F148S- SANITLPV	2115	1979
>VHL-F148S- FANITLPV	82	>VHL-F148S- SANITLPV	1299	1217
>VHL-F148S- FANITLPVYTL	156	>VHL-F148S- SANITLPVYTL	1700	1544
>VHL-F148S- FANITLPV	19	>VHL-F148S- SANITLPV	189	170
>VHL-F148S- FANITLPVYTL	482	>VHL-F148S- SANITLPVYTL	3545	3063
>VHL-F148S- FANITLPV	12	>VHL-F148S- SANITLPV	132	120
>VHL-F148S- FANITLPVYT	292	>VHL-F148S- SANITLPVYT	2018	1726
>VHL-F148S- FANITLPVYTL	203	>VHL-F148S- SANITLPVYTL	2697	2494
>VHL-F148S- FANITLPV	31	>VHL-F148S- SANITLPV	222	191
>VHL-F148S- FANITLPVYTL	87	>VHL-F148S- SANITLPVYTL	593	506
>VHL-F148S- FANITLPV	114	>VHL-F148S- SANITLPV	281	167
>VHL-F148S- FANITLPV	25	>VHL-F148S- SANITLPV	367	342
>VHL-F148S- FANITLPVYTL	407	>VHL-F148S- SANITLPVYTL	3436	3029
>VHL-F148S- FANITLPVY	243	>VHL-F148S- SANITLPVY	1344	1101
>VHL-F148S- FANITLPVY	71	>VHL-F148S- SANITLPVY	20	51
>VHL-F148S- FANITLPV	96	>VHL-F148S- SANITLPV	247	151
>VHL-F148S- FANITLPV	24	>VHL-F148S- SANITLPV	50	26
>VHL-F148S- FANITLPVYTL	413	>VHL-F148S- SANITLPVYTL	1310	897
>VHL-F148S- FANITLPVY	114	>VHL-F148S- SANITLPVY	162	48
>VHL-F148S- FANITLPVY	170	>VHL-F148S- SANITLPVY	933	763
>VHL-F148S- FANITLPVY	14	>VHL-F148S- SANITLPVY	24	10
>VHL-F148S- FANITLPVYTL	63	>VHL-F148S- SANITLPVYTL	84	21
>VHL-F148S- FANITLPVY	26	>VHL-F148S- SANITLPVY	281	255
>VHL-F148S- FANITLPVYTL	278	>VHL-F148S- SANITLPVYTL	3475	3197
>VHL-F148S- FANITLPVY	375	>VHL-F148S- SANITLPVY	6400	6025
>VHL-F148S- FANITLPVY	134	>VHL-F148S- SANITLPVY	3417	3283
>VHL-F148S- FANITLPVYTL	160	>VHL-F148S- SANITLPVYTL	3482	3322
>VHL-F148S- FANITLPV	89	>VHL-F148S- SANITLPV	12618	12529
>VHL-F148S- FANITLPVY	103	>VHL-F148S- SANITLPVY	625	522
>VHL-F148S- FANITLPVYTL	310	>VHL-F148S- SANITLPVYTL	469	159
>VHL-F148S- FANITLPVY	582	>VHL-F148S- SANITLPVY	398	184
>VHL-F148S- IFANITLPVY	711	>VHL-F148S- ISANITLPVY	105	606
>VHL-F148S- IFANITLPV	1137	>VHL-F148S- ISANITLPV	331	806
>VHL-F148S- IFANITLPV	35	>VHL-F148S- ISANITLPV	61	26
>VHL-F148S- IFANITLPV	958	>VHL-F148S- ISANITLPV	239	719
>VHL-F148S- IFANITLPV	740	>VHL-F148S- ISANITLPV	101	639
>VHL-F148S- IFANITLPVY	5259	>VHL-F148S- ISANITLPVY	490	4769
>VHL-F148S- IFANITLPV	478	>VHL-F148S- ISANITLPV	6613	6135



>VHL-F148S-IFANITLPVY	52	>VHL-F148S-ISANITLPVY	223	171
>VHL-F148S-IFANITLPVY	87	>VHL-F148S-ISANITLPVY	33	54
>VHL-F148S-IFANITLPV	2843	>VHL-F148S-ISANITLPV	215	2628
>VHL-F148S-IFANITLPV	881	>VHL-F148S-ISANITLPV	11	870
>VHL-F148S-IFANITLPV	4569	>VHL-F148S-ISANITLPV	182	4387
>VHL-F148S-IFANITLPVY	137	>VHL-F148S-ISANITLPVY	237	100
>VHL-F148S-IFANITLPVY	438	>VHL-F148S-ISANITLPVY	78	360
>VHL-F148S-IFANITLPV	4998	>VHL-F148S-ISANITLPV	449	4549
>VHL-F148S-IFANITLPVY	1410	>VHL-F148S-ISANITLPVY	57	1353
>VHL-F148S-IFANITLPVY	19657	>VHL-F148S-ISANITLPVY	6	19651
>VHL-F148S-IFANITLPVY	6027	>VHL-F148S-ISANITLPVY	30	5997
>VHL-F148S-IFANITLPVY	15300	>VHL-F148S-ISANITLPVY	171	15129
>VHL-F148S-PIFANITLPV	393	>VHL-F148S-PISANITLPV	769	376
>VHL-F148S-PIFANITLPV	79	>VHL-F148S-PISANITLPV	197	118
>VHL-F148S-PIFANITL	323	>VHL-F148S-PISANITL	3619	3296
>VHL-F148S-PIFANITLPV	21	>VHL-F148S-PISANITLPV	402	381
>VHL-F148S-PIFANITLPV	76	>VHL-F148S-PISANITLPV	628	552
>VHL-F148S-PIFANITL	341	>VHL-F148S-PISANITL	1327	986
>VHL-F148S-PIFANITLPV	25	>VHL-F148S-PISANITLPV	62	37
>VHL-F148S-PIFANITLPVY	135	>VHL-F148S-PISANITLPVY	391	256
>VHL-F148S-PIFANITLPVY	195	>VHL-F148S-PISANITLPVY	182	13
>VHL-F148S-PIFANITL	336	>VHL-F148S-PISANITL	5920	5584
>VHL-F148S-PIFANITLPV	218	>VHL-F148S-PISANITLPV	1118	900
>VHL-F148S-QPIFANITL	10	>VHL-F148S-QPISANITL	4	6
>VHL-F148S-QPIFANITLPV	1392	>VHL-F148S-QPISANITLPV	143	1249
>VHL-F148S-QPIFANITLPV	151	>VHL-F148S-QPISANITLPV	346	195
>VHL-F148S-QPIFANITLPV	72	>VHL-F148S-QPISANITLPV	63	9
>VHL-F148S-QPIFANITL	393	>VHL-F148S-QPISANITL	186	207
>VHL-F148S-QPIFANITLPV	157	>VHL-F148S-QPISANITLPV	110	47
>VHL-F148S-QPIFANITL	51	>VHL-F148S-QPISANITL	38	13
>VHL-F148S-QPIFANITLPV	148	>VHL-F148S-QPISANITLPV	101	47
>VHL-F148S-QPIFANITL	118	>VHL-F148S-QPISANITL	27	91
>VHL-F148S-QPIFANITLPV	1901	>VHL-F148S-QPISANITLPV	388	1513
>VHL-F148S-QPIFANITL	373	>VHL-F148S-QPISANITL	215	158
>VHL-F148S-QPIFANITLPV	204	>VHL-F148S-QPISANITLPV	168	36
>VHL-F148S-GQPIFANI	412	>VHL-F148S-GQPISANI	25063	24651
>VHL-F148S-GQPIFANITL	236	>VHL-F148S-GQPISANITL	577	341
>VHL-F148S-GQPIFANI	241	>VHL-F148S-GQPISANI	1146	905
>VHL-F148S-GQPIFANITL	430	>VHL-F148S-GQPISANITL	928	498
>VHL-F148S-VDGQPIFANI	444	>VHL-F148S-VDGQPISANI	1061	617
>VHL-F148S-NVDGQPIFANI	253	>VHL-F148S-NVDGQPISANI	407	154
>VHL-F148S-NVDGQPIFANI	61	>VHL-F148S-NVDGQPISANI	85	24
>VHL-F148S-LNVDGQPIFANI	423	>VHL-F148S-LNVDGQPISANI	22856	22433

>VHL-F148S-·SLNVDGQPIF	120	>VHL-F148S-·SLNVDGQPIS	432	312
>VHL-F148S-·SLNVDGQPIF	71	>VHL-F148S-·SLNVDGQPIS	57	14
>VHL-F148S-·SLNVDGQPIF	58	>VHL-F148S-·SLNVDGQPIS	92	34
>VHL-F148S-·SLNVDGQPIF	235	>VHL-F148S-·SLNVDGQPIS	318	83
>VHL-F148S-·SLNVDGQPIF	29	>VHL-F148S-·SLNVDGQPIS	84	55
>VHL-F148S-·SLNVDGQPIF	42	>VHL-F148S-·SLNVDGQPIS	32	10
>VHL-F148S-·SLNVDGQPIF	186	>VHL-F148S-·SLNVDGQPIS	15213	15027
>VHL-F148S-·SLNVDGQPIF	261	>VHL-F148S-·SLNVDGQPIS	18687	18426
>VHL-F148S-·SLNVDGQPIF	93	>VHL-F148S-·SLNVDGQPIS	15709	15616
>VHL-F76L-wFCNRSPRV	252	>VHL-F76L-rLCNRSPRV	1727	1475
>VHL-F76L-wFCNRSPRV	107	>VHL-F76L-rLCNRSPRV	482	375
>VHL-F76L-wIFCNRSPRV	14853	>VHL-F76L-rILCNRSPRV	45	14808
>VHL-F76L-wIFCNRSPRV	12700	>VHL-F76L-rILCNRSPRV	233	12467
>VHL-F76L-wIFCNRSPRVV	16001	>VHL-F76L-rILCNRSPRVV	306	15695
>VHL-F76L-wIFCNRSPRV	12980	>VHL-F76L-rILCNRSPRV	32	12948
>VHL-F76L-wIFCNRSPRVV	6412	>VHL-F76L-rILCNRSPRVV	42	6370
>VHL-F76L-wIFCNRSPRV	7487	>VHL-F76L-rILCNRSPRV	141	7346
>VHL-F76L-wIFCNRSPRV	1734	>VHL-F76L-rILCNRSPRV	3	1731
>VHL-F76L-wIFCNRSPRVV	4250	>VHL-F76L-rILCNRSPRVV	6	4244
>VHL-F76L-wIFCNRSPRVVI	15781	>VHL-F76L-rILCNRSPRVVI	64	15717
>VHL-F76L-wIFCNRSPRV	16630	>VHL-F76L-rILCNRSPRV	128	16502
>VHL-F76L-wIFCNRSPRVV	19659	>VHL-F76L-rILCNRSPRVV	283	19376
>VHL-F76L-wIFCNRSPRV	6700	>VHL-F76L-rILCNRSPRV	12	6688
>VHL-F76L-wIFCNRSPRVV	14090	>VHL-F76L-rILCNRSPRVV	140	13950
>VHL-F76L-wIFCNRSPRV	15888	>VHL-F76L-rILCNRSPRV	18	15870
>VHL-F76L-wIFCNRSPRVV	18788	>VHL-F76L-rILCNRSPRVV	248	18540
>VHL-F76L-wIFCNRSPRV	675	>VHL-F76L-rILCNRSPRV	2	673
>VHL-F76L-wIFCNRSPRVV	5374	>VHL-F76L-rILCNRSPRVV	8	5366
>VHL-F76L-wIFCNRSPRVVI	14084	>VHL-F76L-rILCNRSPRVVI	14	14070
>VHL-F76L-wIFCNRSPR	12479	>VHL-F76L-rILCNRSPR	398	12081
>VHL-F76L-wIFCNRSPR	15	>VHL-F76L-rILCNRSPR	27	12
>VHL-F76L-wIFCNRSPR	20	>VHL-F76L-rILCNRSPR	62	42
>VHL-F76L-wIFCNRSPR	639	>VHL-F76L-rILCNRSPR	367	272
>VHL-F76L-wIFCNRSPR	62	>VHL-F76L-rILCNRSPR	215	153
>VHL-F76L-wVNSREPSQVI	101	>VHL-F76L-rVNSREPSQVI	2154	2053
>VHL-F76L-wVIFCNRSPRV\	72	>VHL-F76L-rVILCNRSPRV\	554	482
>VHL-F76L-wVIFCNRSPRV	662	>VHL-F76L-rVILCNRSPRV	400	262
>VHL-F76L-wVIFCNRSPRV	7	>VHL-F76L-rVILCNRSPRV	10	3
>VHL-F76L-wVIFCNRSPRV\	15	>VHL-F76L-rVILCNRSPRV\	23	8
>VHL-F76L-wVIFCNRSPRV	86	>VHL-F76L-rVILCNRSPRV	49	37
>VHL-F76L-wVIFCNRSPRV\	191	>VHL-F76L-rVILCNRSPRV\	115	76
>VHL-F76L-wVIFCNRSPRV	70	>VHL-F76L-rVILCNRSPRV	71	1
>VHL-F76L-wVIFCNRSPRV	400	>VHL-F76L-rVILCNRSPRV	53	347

>VHL-F76L-w VIFCNRSRPRV	7	>VHL-F76L-r VILCNRSRPRV	8	1
>VHL-F76L-w VIFCNRSRPRV^	59	>VHL-F76L-r VILCNRSRPRV^	120	61
>VHL-F76L-w VIFCNRSRPR	427	>VHL-F76L-r VILCNRSRPR	2976	2549
>VHL-F76L-w VIFCNRSRPR	113	>VHL-F76L-r VILCNRSRPR	702	589
>VHL-F76L-w VIFCNRSRPR	23	>VHL-F76L-r VILCNRSRPR	52	29
>VHL-F76L-w VIFCNRSRPR	93	>VHL-F76L-r VILCNRSRPR	178	85
>VHL-F76L-w VIFCNRSRPR	24	>VHL-F76L-r VILCNRSRPR	355	331
>VHL-F76L-w VIFCNRSRPRV	508	>VHL-F76L-r VILCNRSRPRV	253	255
>VHL-F76L-w VIFCNRSRPRV^	360	>VHL-F76L-r VILCNRSRPRV^	1644	1284
>VHL-F76L-w QVIFCNRSRPR	214	>VHL-F76L-r QVILCNRSRPR^	236	22
>VHL-F76L-w QVIFCNRSRPR	305	>VHL-F76L-r QVILCNRSRPR	1027	722
>VHL-F76L-w QVIFCNRSRPR	381	>VHL-F76L-r QVILCNRSRPR	764	383
>VHL-F76L-w QVIFCNRSRPR	11	>VHL-F76L-r QVILCNRSRPR	16	5
>VHL-F76L-w QVIFCNRSRPR	114	>VHL-F76L-r QVILCNRSRPR	117	3
>VHL-F76L-w QVIFCNRSRPR	6	>VHL-F76L-r QVILCNRSRPR	12	6
>VHL-F76L-w QVIFCNRSRPR	36	>VHL-F76L-r QVILCNRSRPR^	106	70
>VHL-F76L-w QVIFCNRSRPR	178	>VHL-F76L-r QVILCNRSRPR^	386	208
>VHL-F76L-w QVIFCNRSRPR	175	>VHL-F76L-r QVILCNRSRPR	158	17
>VHL-F76L-w SQVIFCNR	54	>VHL-F76L-r SQVILCNR	97	43
>VHL-F76L-w SQVIFCNRSPI	47	>VHL-F76L-r SQVILCNRSPI	58	11
>VHL-F76L-w SQVIFCNR	423	>VHL-F76L-r SQVILCNR	1194	771
>VHL-F76L-w SQVIFCNRSPI	436	>VHL-F76L-r SQVILCNRSPI	1044	608
>VHL-F76L-w SQVIFCNRSPI	301	>VHL-F76L-r SQVILCNRSPI	654	353
>VHL-F76L-w SQVIFCNR	74	>VHL-F76L-r SQVILCNR	225	151
>VHL-F76L-w SQVIFCNRSPI	150	>VHL-F76L-r SQVILCNRSPI	292	142
>VHL-F76L-w PSQVIFCNR	125	>VHL-F76L-r PSQVILCNR	441	316
>VHL-F76L-w PSQVIFCNR	362	>VHL-F76L-r PSQVILCNR	1138	776
>VHL-F76L-w EPSQVIFCNR	355	>VHL-F76L-r EPSQVILCNR	778	423
>VHL-F76L-w EPSQVIFCNR	388	>VHL-F76L-r EPSQVILCNR	890	502
>VHL-F76L-w EPSQVIFCNR	91	>VHL-F76L-r EPSQVILCNR	93	2
>VHL-F76L-w EPSQVIFCNR	213	>VHL-F76L-r EPSQVILCNR	551	338
>VHL-F76L-w REPSQVIF	56	>VHL-F76L-r REPSQVIL	1761	1705
>VHL-F76L-w REPSQVIF	1332	>VHL-F76L-r REPSQVIL	116	1216
>VHL-F76L-w REPSQVIF	1459	>VHL-F76L-r REPSQVIL	495	964
>VHL-F76L-w REPSQVIFCN	43	>VHL-F76L-r REPSQVILCNI	78	35
>VHL-F76L-w SREPSQVIF	78	>VHL-F76L-r SREPSQVIL	919	841
>VHL-F76L-w SREPSQVIF	1302	>VHL-F76L-r SREPSQVIL	46	1256
>VHL-F76L-w SREPSQVIF	1449	>VHL-F76L-r SREPSQVIL	407	1042
>VHL-F76L-w SREPSQVIF	185	>VHL-F76L-r SREPSQVIL	61	124
>VHL-F76L-w NSREPSQVIF	13	>VHL-F76L-r NSREPSQVIL	132	119
>VHL-F76L-w NSREPSQVIF	127	>VHL-F76L-r NSREPSQVIL	1308	1181
>VHL-F76S-w FCNRSRPRV	252	>VHL-F76S-r SCNRSRPRV	1419	1167
>VHL-F76S-w FCNRSRPRV	107	>VHL-F76S-r SCNRSRPRV	745	638

>VHL-F76S-w IFCNRSPR	9491	>VHL-F76S-r ISCNRSRPR	367	9124
>VHL-F76S-w IFCNRSPR	15	>VHL-F76S-r ISCNRSRPR	17	2
>VHL-F76S-w IFCNRSPR	20	>VHL-F76S-r ISCNRSRPR	83	63
>VHL-F76S-w IFCNRSPR	639	>VHL-F76S-r ISCNRSRPR	86	553
>VHL-F76S-w IFCNRSPRVVI	5319	>VHL-F76S-r ISCNRSRPRVVI	385	4934
>VHL-F76S-w IFCNRSPRV	25111	>VHL-F76S-r ISCNRSRPRV	187	24924
>VHL-F76S-w IFCNRSPRVVI	22518	>VHL-F76S-r ISCNRSRPRVVI	36	22482
>VHL-F76S-w IFCNRSPRVVI	7072	>VHL-F76S-r ISCNRSRPRVVI	287	6785
>VHL-F76S-w IFCNRSPR	62	>VHL-F76S-r ISCNRSRPR	1200	1138
>VHL-F76S-w IFCNRSPRVV	24260	>VHL-F76S-r ISCNRSRPRVV	459	23801
>VHL-F76S-w IFCNRSPRVVI	19202	>VHL-F76S-r ISCNRSRPRVVI	314	18888
>VHL-F76S-w VNSREPSQVI	101	>VHL-F76S-r VNSREPSQVI	17073	16972
>VHL-F76S-w VIFCNRSRPRV	72	>VHL-F76S-r VISCNRSPRV	108	36
>VHL-F76S-w VIFCNRSRPRV	7	>VHL-F76S-r VISCNRSPRV	77	70
>VHL-F76S-w VIFCNRSRPRV	15	>VHL-F76S-r VISCNRSPRV	210	195
>VHL-F76S-w VIFCNRSRPRV	86	>VHL-F76S-r VISCNRSPRV	353	267
>VHL-F76S-w VIFCNRSRPRV	191	>VHL-F76S-r VISCNRSPRV	837	646
>VHL-F76S-w VIFCNRSRPRV	70	>VHL-F76S-r VISCNRSPRV	423	353
>VHL-F76S-w VIFCNRSRPRV	400	>VHL-F76S-r VISCNRSPRV	394	6
>VHL-F76S-w VIFCNRSRPRV	7	>VHL-F76S-r VISCNRSPRV	10	3
>VHL-F76S-w VIFCNRSRPRV	59	>VHL-F76S-r VISCNRSPRV	184	125
>VHL-F76S-w VIFCNRSRPR	427	>VHL-F76S-r VISCNRSPR	2324	1897
>VHL-F76S-w VIFCNRSRPR	113	>VHL-F76S-r VISCNRSPR	670	557
>VHL-F76S-w VIFCNRSRPR	23	>VHL-F76S-r VISCNRSPR	89	66
>VHL-F76S-w VIFCNRSRPR	93	>VHL-F76S-r VISCNRSPR	334	241
>VHL-F76S-w VIFCNRSRPR	24	>VHL-F76S-r VISCNRSPR	82	58
>VHL-F76S-w VIFCNRSRPRV	360	>VHL-F76S-r VISCNRSPRV	2725	2365
>VHL-F76S-w QVIFCNRSRPR	214	>VHL-F76S-r QVISCNRSPR	192	22
>VHL-F76S-w QVIFCNRSRPR	511	>VHL-F76S-r QVISCNRSPR	208	303
>VHL-F76S-w QVIFCNRSRPR	305	>VHL-F76S-r QVISCNRSPR	911	606
>VHL-F76S-w QVIFCNRSRPR	381	>VHL-F76S-r QVISCNRSPR	689	308
>VHL-F76S-w QVIFCNRSRPR	11	>VHL-F76S-r QVISCNRSPR	21	10
>VHL-F76S-w QVIFCNRSRPR	114	>VHL-F76S-r QVISCNRSPR	136	22
>VHL-F76S-w QVIFCNRSRPR	6	>VHL-F76S-r QVISCNRSPR	9	3
>VHL-F76S-w QVIFCNRSRPR	36	>VHL-F76S-r QVISCNRSPR	60	24
>VHL-F76S-w QVIFCNRSRPR	178	>VHL-F76S-r QVISCNRSPR	147	31
>VHL-F76S-w QVIFCNRSRPR	175	>VHL-F76S-r QVISCNRSPR	203	28
>VHL-F76S-w SQVIFCNR	54	>VHL-F76S-r SQVISCNR	156	102
>VHL-F76S-w SQVIFCNRSP	47	>VHL-F76S-r SQVISCNRSP	74	27
>VHL-F76S-w SQVIFCNR	423	>VHL-F76S-r SQVISCNR	943	520
>VHL-F76S-w SQVIFCNRSP	436	>VHL-F76S-r SQVISCNRSP	779	343
>VHL-F76S-w SQVIFCNRSP	301	>VHL-F76S-r SQVISCNRSP	235	66
>VHL-F76S-w SQVIFCNR	74	>VHL-F76S-r SQVISCNR	278	204

>VHL-F76S-w SQVIFCNRSP	150	>VHL-F76S-r SQVISCNRSP	542	392
>VHL-F76S-w PSQVIFCNR	125	>VHL-F76S-r PSQVISCNR	972	847
>VHL-F76S-w PSQVIFCNR	362	>VHL-F76S-r PSQVISCNR	2035	1673
>VHL-F76S-w EPSQVIFCNR	355	>VHL-F76S-r EPSQVISCNR	1152	797
>VHL-F76S-w EPSQVIFCNR	388	>VHL-F76S-r EPSQVISCNR	1184	796
>VHL-F76S-w EPSQVIFCNR	91	>VHL-F76S-r EPSQVISCNR	59	32
>VHL-F76S-w EPSQVIFCNR	213	>VHL-F76S-r EPSQVISCNR	735	522
>VHL-F76S-w REPSQVIF	56	>VHL-F76S-r REPSQVIS	14336	14280
>VHL-F76S-w REPSQVIFCN	43	>VHL-F76S-r REPSQVISCN	69	26
>VHL-F76S-w SREPSQVIF	78	>VHL-F76S-r SREPSQVIS	9768	9690
>VHL-F76S-w SREPSQVIF	185	>VHL-F76S-r SREPSQVIS	9734	9549
>VHL-F76S-w NSREPSQVIF	13	>VHL-F76S-r NSREPSQVIS	12593	12580
>VHL-F76S-w NSREPSQVIF	127	>VHL-F76S-r NSREPSQVIS	18623	18496
>VHL-F76Y-w FCNRSPRV	252	>VHL-F76Y-r YCNRSPRV	197	55
>VHL-F76Y-w FCNRSPRV	107	>VHL-F76Y-r YCNRSPRV	97	10
>VHL-F76Y-w IFCNRSPRVV	10694	>VHL-F76Y-r IYCNRSPRVV	484	10210
>VHL-F76Y-w IFCNRSPRVV	2667	>VHL-F76Y-r IYCNRSPRVV	450	2217
>VHL-F76Y-w IFCNRSPRVV	894	>VHL-F76Y-r IYCNRSPRVV	35	859
>VHL-F76Y-w IFCNRSPR	15	>VHL-F76Y-r IYCNRSPR	19	4
>VHL-F76Y-w IFCNRSPR	20	>VHL-F76Y-r IYCNRSPR	20	0
>VHL-F76Y-w IFCNRSPR	62	>VHL-F76Y-r IYCNRSPR	32	30
>VHL-F76Y-w VNSREPSQVI	101	>VHL-F76Y-r VNSREPSQVI	404	303
>VHL-F76Y-w VIFCNRSPRV	646	>VHL-F76Y-r VIYCNRSPRV	489	157
>VHL-F76Y-w VIFCNRSPRV'	72	>VHL-F76Y-r VIYCNRSPRV'	33	39
>VHL-F76Y-w VIFCNRSPRV	7	>VHL-F76Y-r VIYCNRSPRV	6	1
>VHL-F76Y-w VIFCNRSPRV'	15	>VHL-F76Y-r VIYCNRSPRV'	12	3
>VHL-F76Y-w VIFCNRSPRV	86	>VHL-F76Y-r VIYCNRSPRV	61	25
>VHL-F76Y-w VIFCNRSPRV'	191	>VHL-F76Y-r VIYCNRSPRV'	142	49
>VHL-F76Y-w VIFCNRSPRV	70	>VHL-F76Y-r VIYCNRSPRV	54	16
>VHL-F76Y-w VIFCNRSPRV	400	>VHL-F76Y-r VIYCNRSPRV	399	1
>VHL-F76Y-w VIFCNRSPRV	7	>VHL-F76Y-r VIYCNRSPRV	6	1
>VHL-F76Y-w VIFCNRSPRV'	59	>VHL-F76Y-r VIYCNRSPRV'	46	13
>VHL-F76Y-w VIFCNRSPR	427	>VHL-F76Y-r VIYCNRSPR	164	263
>VHL-F76Y-w VIFCNRSPR	113	>VHL-F76Y-r VIYCNRSPR	153	40
>VHL-F76Y-w VIFCNRSPR	23	>VHL-F76Y-r VIYCNRSPR	26	3
>VHL-F76Y-w VIFCNRSPR	93	>VHL-F76Y-r VIYCNRSPR	143	50
>VHL-F76Y-w VIFCNRSPR	24	>VHL-F76Y-r VIYCNRSPR	50	26
>VHL-F76Y-w VIFCNRSPRV	508	>VHL-F76Y-r VIYCNRSPRV	253	255
>VHL-F76Y-w VIFCNRSPRV'	360	>VHL-F76Y-r VIYCNRSPRV'	482	122
>VHL-F76Y-w QVIFCNRSPR	214	>VHL-F76Y-r QVIYCNRSPR	190	24
>VHL-F76Y-w QVIFCNRSPR	305	>VHL-F76Y-r QVIYCNRSPR	297	8
>VHL-F76Y-w QVIFCNRSPR	381	>VHL-F76Y-r QVIYCNRSPR	498	117
>VHL-F76Y-w QVIFCNRSPR	11	>VHL-F76Y-r QVIYCNRSPR	18	7

>VHL-F76Y-w QVIFCNRSR	114	>VHL-F76Y-r QVIYCNRSR	129	15
>VHL-F76Y-w QVIFCNRSR	6	>VHL-F76Y-r QVIYCNRSR	8	2
>VHL-F76Y-w QVIFCNRSR	36	>VHL-F76Y-r QVIYCNRSR	40	4
>VHL-F76Y-w QVIFCNRSR	178	>VHL-F76Y-r QVIYCNRSR	250	72
>VHL-F76Y-w QVIFCNRSR	175	>VHL-F76Y-r QVIYCNRSR	225	50
>VHL-F76Y-w SQVIFCNR	54	>VHL-F76Y-r SQVIYCNR	56	2
>VHL-F76Y-w SQVIFCNRSPI	47	>VHL-F76Y-r SQVIYCNRSPI	48	1
>VHL-F76Y-w SQVIFCNR	423	>VHL-F76Y-r SQVIYCNR	858	435
>VHL-F76Y-w SQVIFCNRSPI	436	>VHL-F76Y-r SQVIYCNRSPI	798	362
>VHL-F76Y-w SQVIFCNRSPI	301	>VHL-F76Y-r SQVIYCNRSPI	328	27
>VHL-F76Y-w SQVIFCNR	74	>VHL-F76Y-r SQVIYCNR	162	88
>VHL-F76Y-w SQVIFCNRSPI	150	>VHL-F76Y-r SQVIYCNRSPI	300	150
>VHL-F76Y-w PSQVIFCNR	125	>VHL-F76Y-r PSQVIYCNR	162	37
>VHL-F76Y-w PSQVIFCNR	362	>VHL-F76Y-r PSQVIYCNR	624	262
>VHL-F76Y-w EPSQVIFCNR	355	>VHL-F76Y-r EPSQVIYCNR	590	235
>VHL-F76Y-w EPSQVIFCNR	388	>VHL-F76Y-r EPSQVIYCNR	443	55
>VHL-F76Y-w EPSQVIFCNR	91	>VHL-F76Y-r EPSQVIYCNR	89	2
>VHL-F76Y-w EPSQVIFCNR	213	>VHL-F76Y-r EPSQVIYCNR	255	42
>VHL-F76Y-w REPSQVIF	56	>VHL-F76Y-r REPSQVIY	314	258
>VHL-F76Y-w REPSQVIFCN	43	>VHL-F76Y-r REPSQVIYCN	51	8
>VHL-F76Y-w SREPSQVIF	78	>VHL-F76Y-r SREPSQVIY	252	174
>VHL-F76Y-w SREPSQVIF	185	>VHL-F76Y-r SREPSQVIY	1105	920
>VHL-F76Y-w NSREPSQVIF	527	>VHL-F76Y-r NSREPSQVIY	375	152
>VHL-F76Y-w NSREPSQVIF	984	>VHL-F76Y-r NSREPSQVIY	415	569
>VHL-F76Y-w NSREPSQVIF	13	>VHL-F76Y-r NSREPSQVIY	18	5
>VHL-F76Y-w NSREPSQVIF	127	>VHL-F76Y-r NSREPSQVIY	107	20
>VHL-F91L-w NFDGEPQPY	5992	>VHL-F91L-r NLDGEPQPY	106	5886
>VHL-F91L-w NFDGEPQPY	20550	>VHL-F91L-r NLDGEPQPY	225	20325
>VHL-F91L-w NFDGEPQPY	338	>VHL-F91L-r NLDGEPQPY	1127	789
>VHL-F91L-w NFDGEPQPY	955	>VHL-F91L-r NLDGEPQPY	226	729
>VHL-F91L-w PRVVLPVWLI	364	>VHL-F91L-r PRVVLPVWLI	2661	2297
>VHL-F91L-w PRVVLPVWLI	385	>VHL-F91L-r PRVVLPVWLI	92	293
>VHL-F91L-w LNFDGEPQPY	165	>VHL-F91L-r LNLDGEPQPY	1145	980
>VHL-F91L-w LNFDGEPQPY	111	>VHL-F91L-r LNLDGEPQPY	557	446
>VHL-F91L-w WLNFDGEPQ	50	>VHL-F91L-r WLNLDGEPQ	118	68
>VHL-F91L-w WLNFDGEPQ	54	>VHL-F91L-r WLNLDGEPQ	78	24
>VHL-F91L-w WLNFDGEPQ	52	>VHL-F91L-r WLNLDGEPQ	66	14
>VHL-F91L-w WLNFDGEPQ	102	>VHL-F91L-r WLNLDGEPQ	158	56
>VHL-F91L-w WLNFDGEPQ	90	>VHL-F91L-r WLNLDGEPQ	106	16
>VHL-F91L-w WLNFDGEPQ	182	>VHL-F91L-r WLNLDGEPQ	553	371
>VHL-F91L-w VWLNLDGE	227	>VHL-F91L-r VWLNLDGE	320	93
>VHL-F91L-w VWLNLDGEP	304	>VHL-F91L-r VWLNLDGEP	485	181
>VHL-F91L-w LPVWLNLDG	285	>VHL-F91L-r LPVWLNLDG	464	179

>VHL-F91L-w LPVWLNFD	106	>VHL-F91L-r LPVWLNLD	50	56
>VHL-F91L-w LPVWLNFDG	251	>VHL-F91L-r LPVWLNLDG	1357	1106
>VHL-F91L-w LPVWLNFDG	345	>VHL-F91L-r LPVWLNLDG	561	216
>VHL-F91L-w VLPVWLNF	5930	>VHL-F91L-r VLPVWLNL	160	5770
>VHL-F91L-w VLPVWLNF	13275	>VHL-F91L-r VLPVWLNL	170	13105
>VHL-F91L-w VLPVWLNF	7834	>VHL-F91L-r VLPVWLNL	234	7600
>VHL-F91L-w VLPVWLNF	8014	>VHL-F91L-r VLPVWLNL	268	7746
>VHL-F91L-w VLPVWLNF	3053	>VHL-F91L-r VLPVWLNL	326	2727
>VHL-F91L-w VLPVWLNF	1928	>VHL-F91L-r VLPVWLNL	20	1908
>VHL-F91L-w VLPVWLNF	14851	>VHL-F91L-r VLPVWLNL	301	14550
>VHL-F91L-w VLPVWLNF	8737	>VHL-F91L-r VLPVWLNL	26	8711
>VHL-F91L-w VLPVWLNF	18890	>VHL-F91L-r VLPVWLNL	209	18681
>VHL-F91L-w VLPVWLNF	3365	>VHL-F91L-r VLPVWLNL	7	3358
>VHL-F91L-w VLPVWLNF	235	>VHL-F91L-r VLPVWLNL	3319	3084
>VHL-F91L-w VLPVWLNF	454	>VHL-F91L-r VLPVWLNL	4031	3577
>VHL-F91L-w VVLPVWLNF	443	>VHL-F91L-r VVLPVWLNL	257	186
>VHL-F91L-w VVLPVWLNF	15148	>VHL-F91L-r VVLPVWLNL	359	14789
>VHL-F91L-w VVLPVWLNF	261	>VHL-F91L-r VVLPVWLNL	25	236
>VHL-F91L-w VVLPVWLNF	6024	>VHL-F91L-r VVLPVWLNL	64	5960
>VHL-F91L-w VVLPVWLNF	9989	>VHL-F91L-r VVLPVWLNL	72	9917
>VHL-F91L-w VVLPVWLNF	21348	>VHL-F91L-r VVLPVWLNL	405	20943
>VHL-F91L-w VVLPVWLNF	42	>VHL-F91L-r VVLPVWLNL	971	929
>VHL-F91L-w VVLPVWLNF	449	>VHL-F91L-r VVLPVWLNL	3505	3056
>VHL-F91L-w VVLPVWLNF	190	>VHL-F91L-r VVLPVWLNL	3599	3409
>VHL-F91L-w VVLPVWLNF	70	>VHL-F91L-r VVLPVWLNL	3422	3352
>VHL-F91L-w VVLPVWLNF	461	>VHL-F91L-r VVLPVWLNL	4451	3990
>VHL-F91L-w VVLPVWLNF	20	>VHL-F91L-r VVLPVWLNL	247	227
>VHL-F91L-w VVLPVWLNF	399	>VHL-F91L-r VVLPVWLNL	2565	2166
>VHL-F91L-w RVVLPVWLN	182	>VHL-F91L-r RVVLPVWLN	1283	1101
>VHL-F91L-w RVVLPVWLN	202	>VHL-F91L-r RVVLPVWLN	1087	885
>VHL-F91L-w RVVLPVWLN	355	>VHL-F91L-r RVVLPVWLN	4134	3779
>VHL-F91L-w RVVLPVWLN	9	>VHL-F91L-r RVVLPVWLN	49	40
>VHL-F91L-w RVVLPVWLN	56	>VHL-F91L-r RVVLPVWLN	1040	984
>VHL-F91L-w RVVLPVWLN	230	>VHL-F91L-r RVVLPVWLN	2448	2218
>VHL-F91L-w RVVLPVWLN	320	>VHL-F91L-r RVVLPVWLN	253	67
>VHL-G106A·GRRHSYRGH	212	>VHL-G106A·ARRHSYRGH	243	31
>VHL-G106A·GRRHSYRGH	174	>VHL-G106A·ARRHSYRGH	188	14
>VHL-G106A·GRRHSYRGH	13	>VHL-G106A·ARRHSYRGH	17	4
>VHL-G106A·TGRRHSY	1160	>VHL-G106A·TARRHSY	141	1019
>VHL-G106A·TGRRHSYR	148	>VHL-G106A·TARRHSYR	22	126
>VHL-G106A·TGRRHSY	185	>VHL-G106A·TARRHSY	166	19
>VHL-G106A·TGRRHSYR	14	>VHL-G106A·TARRHSYR	7	7
>VHL-G106A·TGRRHSYR	1285	>VHL-G106A·TARRHSYR	20	1265

>VHL-G106A·TGRRIHSYR	104	>VHL-G106A·TARRIHSYR	6	98
>VHL-G106A·TGRRIHSY	819	>VHL-G106A·TARRIHSY	327	492
>VHL-G106A·TGRRIHSY	2973	>VHL-G106A·TARRIHSY	312	2661
>VHL-G106A·TGRRIHSY	1951	>VHL-G106A·TARRIHSY	67	1884
>VHL-G106A·TGRRIHSY	2863	>VHL-G106A·TARRIHSY	209	2654
>VHL-G106A·QPYPTLPPGT	1050	>VHL-G106A·QPYPTLPPGT	24	1026
>VHL-G106A·GTGRIHSY	2389	>VHL-G106A·GTARRIHSY	473	1916
>VHL-G106A·GTGRIHSYR	452	>VHL-G106A·GTARRIHSYR	243	209
>VHL-G106A·GTGRIHSY	643	>VHL-G106A·GTARRIHSY	130	513
>VHL-G106A·GTGRIHSYR	568	>VHL-G106A·GTARRIHSYR	150	418
>VHL-G106A·GTGRIHSY	1317	>VHL-G106A·GTARRIHSY	225	1092
>VHL-G106A·GTGRIHSY	10865	>VHL-G106A·GTARRIHSY	247	10618
>VHL-G106A·GTGRIHSY	415	>VHL-G106A·GTARRIHSY	53	362
>VHL-G106A·GTGRIHSY	316	>VHL-G106A·GTARRIHSY	115	201
>VHL-G106A·GTGRIHSY	74	>VHL-G106A·GTARRIHSY	26	48
>VHL-G106A·GTGRIHSYR	38	>VHL-G106A·GTARRIHSYR	27	11
>VHL-G106A·GTGRIHSYR	117	>VHL-G106A·GTARRIHSYR	97	20
>VHL-G106A·GTGRIHSYR	245	>VHL-G106A·GTARRIHSYR	16	229
>VHL-G106A·GTGRIHSY	439	>VHL-G106A·GTARRIHSY	835	396
>VHL-G106A·GTGRIHSY	491	>VHL-G106A·GTARRIHSY	242	249
>VHL-G106A·GTGRIHSY	91	>VHL-G106A·GTARRIHSY	13	78
>VHL-G106A·GTGRIHSY	131	>VHL-G106A·GTARRIHSY	31	100
>VHL-G106A·GTGRIHSY	1078	>VHL-G106A·GTARRIHSY	399	679
>VHL-G106A·GTGRIHSY	623	>VHL-G106A·GTARRIHSY	206	417
>VHL-G106A·GTGRIHSYR	400	>VHL-G106A·GTARRIHSYR	145	255
>VHL-G106A·PGTGRIHSY	524	>VHL-G106A·PGTARRIHSY	435	89
>VHL-G106A·LPPGTGRI	158	>VHL-G106A·LPPGTARRI	548	390
>VHL-G106A·TLPPGTGRI	214	>VHL-G106A·TLPPGTARRI	145	69
>VHL-G106A·TLPPGTGRI	83	>VHL-G106A·TLPPGTARRI	39	44
>VHL-G106A·TLPPGTGRR	1209	>VHL-G106A·TLPPGTARR	410	799
>VHL-G106A·TLPPGTGRI	926	>VHL-G106A·TLPPGTARRI	287	639
>VHL-G106A·TLPPGTGRR	1015	>VHL-G106A·TLPPGTARR	448	567
>VHL-G106A·PTLPPGTGRR	139	>VHL-G106A·PTLPPGTARR	134	5
>VHL-G106A·YPTLPPGTGR	474	>VHL-G106A·YPTLPPGTAR	373	101
>VHL-G106A·YPTLPPGTG	410	>VHL-G106A·YPTLPPGTA	11	399
>VHL-G106A·PYPTLPPGTG	66	>VHL-G106A·PYPTLPPGTA	97	31
>VHL-G106D·GRIHSYR	8381	>VHL-G106D·DRRIHSYR	265	8116
>VHL-G106D·GRIHSYRGH	212	>VHL-G106D·DRRIHSYRGH	4022	3810
>VHL-G106D·GRIHSYRGH	174	>VHL-G106D·DRRIHSYRGH	1479	1305
>VHL-G106D·GRIHSYRGH	13	>VHL-G106D·DRRIHSYRGH	258	245
>VHL-G106D·TGRRIHSYR	148	>VHL-G106D·TDRRIHSYR	4899	4751
>VHL-G106D·TGRRIHSY	185	>VHL-G106D·TDRRIHSY	1979	1794
>VHL-G106D·TGRRIHSYR	14	>VHL-G106D·TDRRIHSYR	132	118



>VHL-G106D TGRRHSYR	104	>VHL-G106D TDRRIHSYR	333	229
>VHL-G106D GTGRRHSY	2389	>VHL-G106D GTDRRIHSY	15	2374
>VHL-G106D GTGRRHSYR	452	>VHL-G106D GTDRRIHSYR	674	222
>VHL-G106D GTGRRHSYR	568	>VHL-G106D GTDRRIHSYR	372	196
>VHL-G106D GTGRRHSY	415	>VHL-G106D GTDRRIHSY	5211	4796
>VHL-G106D GTGRRHSY	316	>VHL-G106D GTDRRIHSY	961	645
>VHL-G106D GTGRRHSY	74	>VHL-G106D GTDRRIHSY	101	27
>VHL-G106D GTGRRHSYR	38	>VHL-G106D GTDRRIHSYR	58	20
>VHL-G106D GTGRRHSYR	117	>VHL-G106D GTDRRIHSYR	192	75
>VHL-G106D GTGRRHSYR	245	>VHL-G106D GTDRRIHSYR	241	4
>VHL-G106D GTGRRHSY	439	>VHL-G106D GTDRRIHSY	1154	715
>VHL-G106D GTGRRHSY	491	>VHL-G106D GTDRRIHSY	5818	5327
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>VHL-G106D GTGRRHSY	131	>VHL-G106D GTDRRIHSY	116	15
>VHL-G106D GTGRRHSY	1078	>VHL-G106D GTDRRIHSY	300	778
>VHL-G106D GTGRRHSYR	400	>VHL-G106D GTDRRIHSYR	395	5
>VHL-G106D PGTGRRHSY	524	>VHL-G106D PGTDRRIHSY	406	118
>VHL-G106D LPPGTGRR	158	>VHL-G106D LPPGTDRRI	2372	2214
>VHL-G106D TLPPGTGRR	214	>VHL-G106D TLPPGTDRRI	334	120
>VHL-G106D TLPPGTGRR	83	>VHL-G106D TLPPGTDRRI	94	11
>VHL-G106D PTLPPGTGRR	139	>VHL-G106D PTLPPGTDRR	186	47
>VHL-G106D YPTLPPGTGR	474	>VHL-G106D YPTLPPGTDR	741	267
>VHL-G106D YPTLPPGTG	410	>VHL-G106D YPTLPPGTD	856	446
>VHL-G106D PYPTLPPGTG	66	>VHL-G106D PYPTLPPGTD	188	122
>VHL-G114A RGHLWLF	2228	>VHL-G114A RAHLWLF	158	2070
>VHL-G114A RGHLWLF	160	>VHL-G114A RAHLWLF	31	129
>VHL-G114A RGHLWLF	2104	>VHL-G114A RAHLWLF	273	1831
>VHL-G114A RGHLWLF	15	>VHL-G114A RAHLWLF	7	8
>VHL-G114A RGHLWLF	7361	>VHL-G114A RAHLWLF	163	7198
>VHL-G114A RGHLWLF	4446	>VHL-G114A RAHLWLF	224	4222
>VHL-G114A RGHLWLF	33	>VHL-G114A RAHLWLF	52	19
>VHL-G114A YRGHLWLF	762	>VHL-G114A YRAHLWLF	430	332
>VHL-G114A YRGHLWLF	856	>VHL-G114A YRAHLWLF	349	507
>VHL-G114A YRGHLWLF	3575	>VHL-G114A YRAHLWLF	293	3282
>VHL-G114A YRGHLWLF	109	>VHL-G114A YRAHLWLF	27	82
>VHL-G114A YRGHLWLF	75	>VHL-G114A YRAHLWLF	28	47
>VHL-G114A YRGHLWLF	66	>VHL-G114A YRAHLWLF	23	43
>VHL-G114A YRGHLWLF	5439	>VHL-G114A YRAHLWLF	480	4959
>VHL-G114A YRGHLWLF	1531	>VHL-G114A YRAHLWLF	491	1040
>VHL-G114A YRGHLWLF	1169	>VHL-G114A YRAHLWLF	292	877
>VHL-G114A YRGHLWLF	44	>VHL-G114A YRAHLWLF	49	5
>VHL-G114A SYRGHLWLF	32	>VHL-G114A SYRAHLWLF	27	5
>VHL-G114A SYRGHLWLF	24	>VHL-G114A SYRAHLWLF	26	2

>VHL-G114A·SYRGHLWL	17	>VHL-G114A·SYRAHLWL	19	2
>VHL-G114A·SYRGHLWLF	5	>VHL-G114A·SYRAHLWLF	5	0
>VHL-G114A·SYRGHLWLF	351	>VHL-G114A·SYRAHLWLF	1126	775
>VHL-G114A·SYRGHLWLF	96	>VHL-G114A·SYRAHLWLF	181	85
>VHL-G114A·SYRGHLWL	38	>VHL-G114A·SYRAHLWL	18	20
>VHL-G114A·SYRGHLWLF	840	>VHL-G114A·SYRAHLWLF	286	554
>VHL-G114A·SYRGHLWLFF	11	>VHL-G114A·SYRAHLWLFF	7	4
>VHL-G114A·SYRGHLWLFF	7	>VHL-G114A·SYRAHLWLFF	10	3
>VHL-G114A·SYRGHLWLFF	88	>VHL-G114A·SYRAHLWLFF	105	17
>VHL-G114A·SYRGHLWLFF	265	>VHL-G114A·SYRAHLWLFF	241	24
>VHL-G114A·SYRGHLWLFF	396	>VHL-G114A·SYRAHLWLFF	412	16
>VHL-G114A·SYRGHLWLFF	23	>VHL-G114A·SYRAHLWLFF	23	0
>VHL-G114A·SYRGHLWL	262	>VHL-G114A·SYRAHLWL	280	18
>VHL-G114A·SYRGHLWLFF	430	>VHL-G114A·SYRAHLWLFF	189	241
>VHL-G114A·SYRGHLWL	420	>VHL-G114A·SYRAHLWL	535	115
>VHL-G114A·SYRGHLWLF	277	>VHL-G114A·SYRAHLWLF	414	137
>VHL-G114A·HSYRGHLWL	522	>VHL-G114A·HSYRAHLWL	192	330
>VHL-G114A·HSYRGHLWLI	50	>VHL-G114A·HSYRAHLWLI	53	3
>VHL-G114A·HSYRGHLWLI	47	>VHL-G114A·HSYRAHLWLI	44	3
>VHL-G114A·HSYRGHLWLI	376	>VHL-G114A·HSYRAHLWLI	357	19
>VHL-G114A·HSYRGHLWLI	178	>VHL-G114A·HSYRAHLWLI	241	63
>VHL-G114A·HSYRGHLWLI	1343	>VHL-G114A·HSYRAHLWLI	495	848
>VHL-G114A·HSYRGHLWL	93	>VHL-G114A·HSYRAHLWL	33	60
>VHL-G114A·HSYRGHLWLI	27	>VHL-G114A·HSYRAHLWLI	17	10
>VHL-G114A·HSYRGHLWLI	457	>VHL-G114A·HSYRAHLWLI	344	113
>VHL-G114A·HSYRGHLWLI	8	>VHL-G114A·HSYRAHLWLI	7	1
>VHL-G114A·HSYRGHLWLI	293	>VHL-G114A·HSYRAHLWLI	360	67
>VHL-G114A·HSYRGHLWLI	27	>VHL-G114A·HSYRAHLWLI	31	4
>VHL-G114A·HSYRGHLWLI	9	>VHL-G114A·HSYRAHLWLI	6	3
>VHL-G114A·HSYRGHLWLI	623	>VHL-G114A·HSYRAHLWLI	498	125
>VHL-G114A·HSYRGHLWLI	36	>VHL-G114A·HSYRAHLWLI	24	12
>VHL-G114A·HSYRGHLW	4	>VHL-G114A·HSYRAHLW	4	0
>VHL-G114A·HSYRGHLWL	5	>VHL-G114A·HSYRAHLWL	6	1
>VHL-G114A·HSYRGHLW	34	>VHL-G114A·HSYRAHLW	29	5
>VHL-G114A·HSYRGHLWL	838	>VHL-G114A·HSYRAHLWL	182	656
>VHL-G114A·HSYRGHLWLI	62	>VHL-G114A·HSYRAHLWLI	43	19
>VHL-G114A·HSYRGHLW	10	>VHL-G114A·HSYRAHLW	9	1
>VHL-G114A·HSYRGHLWL	339	>VHL-G114A·HSYRAHLWL	271	68
>VHL-G114A·HSYRGHLWLI	19	>VHL-G114A·HSYRAHLWLI	18	1
>VHL-G114A·HSYRGHLWL	1217	>VHL-G114A·HSYRAHLWL	204	1013
>VHL-G114A·HSYRGHLWLI	705	>VHL-G114A·HSYRAHLWLI	213	492
>VHL-G114A·HSYRGHLWL	126	>VHL-G114A·HSYRAHLWL	222	96
>VHL-G114A·HSYRGHLWLI	55	>VHL-G114A·HSYRAHLWLI	43	12

>VHL-G114A·HSYRGHLW	137	>VHL-G114A·HSYRAHLW	181	44
>VHL-G114A·HSYRGHLWLI	300	>VHL-G114A·HSYRAHLWLI	335	35
>VHL-G114A·HSYRGHLWLI	46	>VHL-G114A·HSYRAHLWLI	35	11
>VHL-G114A·HSYRGHLWL	153	>VHL-G114A·HSYRAHLWL	173	20
>VHL-G114A·IHSYRGHLWL	131	>VHL-G114A·IHSYRAHLWL	118	13
>VHL-G114A·IHSYRGHLWL	91	>VHL-G114A·IHSYRAHLWL	90	1
>VHL-G114A·IHSYRGHLW	25	>VHL-G114A·IHSYRAHLW	28	3
>VHL-G114A·IHSYRGHLWL	402	>VHL-G114A·IHSYRAHLWL	443	41
>VHL-G114A·RIHSYRGHL	336	>VHL-G114A·RIHSYRAHL	129	207
>VHL-G114A·RIHSYRGHL	3999	>VHL-G114A·RIHSYRAHL	267	3732
>VHL-G114A·RIHSYRGHLV	414	>VHL-G114A·RIHSYRAHLV	220	194
>VHL-G114A·RIHSYRGH	1112	>VHL-G114A·RIHSYRAH	358	754
>VHL-G114A·RIHSYRGHL	23	>VHL-G114A·RIHSYRAHL	11	12
>VHL-G114A·RIHSYRGHLV	21	>VHL-G114A·RIHSYRAHLV	13	8
>VHL-G114A·RIHSYRGHL	922	>VHL-G114A·RIHSYRAHL	143	779
>VHL-G114A·RIHSYRGHL	877	>VHL-G114A·RIHSYRAHL	159	718
>VHL-G114A·RIHSYRGHL	1083	>VHL-G114A·RIHSYRAHL	367	716
>VHL-G114A·RIHSYRGHLV	117	>VHL-G114A·RIHSYRAHLV	75	42
>VHL-G114A·RIHSYRGHLV	50	>VHL-G114A·RIHSYRAHLV	25	25
>VHL-G114A·RIHSYRGHLV	74	>VHL-G114A·RIHSYRAHLV	136	62
>VHL-G114A·RRIHSYRG	3263	>VHL-G114A·RRIHSYRA	382	2881
>VHL-G114A·RRIHSYRGH	107	>VHL-G114A·RRIHSYRAH	21	86
>VHL-G114A·RRIHSYRGHL	52	>VHL-G114A·RRIHSYRAHL	17	35
>VHL-G114A·RRIHSYRGHL'	119	>VHL-G114A·RRIHSYRAHL'	130	11
>VHL-G114A·RRIHSYRG	947	>VHL-G114A·RRIHSYRA	146	801
>VHL-G114A·RRIHSYRGH	112	>VHL-G114A·RRIHSYRAH	126	14
>VHL-G114A·RRIHSYRGHL	9	>VHL-G114A·RRIHSYRAHL	10	1
>VHL-G114A·RRIHSYRGHL'	134	>VHL-G114A·RRIHSYRAHL'	123	11
>VHL-G114A·RRIHSYRG	99	>VHL-G114A·RRIHSYRA	139	40
>VHL-G114A·RRIHSYRGHL	21	>VHL-G114A·RRIHSYRAHL	22	1
>VHL-G114A·RRIHSYRGHL'	96	>VHL-G114A·RRIHSYRAHL'	86	10
>VHL-G114A·RRIHSYRGH	201	>VHL-G114A·RRIHSYRAH	313	112
>VHL-G114A·RRIHSYRGHL	18	>VHL-G114A·RRIHSYRAHL	24	6
>VHL-G114A·RRIHSYRGHL'	336	>VHL-G114A·RRIHSYRAHL'	285	51
>VHL-G114A·RRIHSYRGHL'	124	>VHL-G114A·RRIHSYRAHL'	135	11
>VHL-G114A·GRIHSYRGH	212	>VHL-G114A·GRIHSYRAH	180	32
>VHL-G114A·GRIHSYRGH	174	>VHL-G114A·GRIHSYRAH	153	21
>VHL-G114A·GRIHSYRGH	13	>VHL-G114A·GRIHSYRAH	12	1
>VHL-G114A·TGRIHSYRG	2695	>VHL-G114A·TGRIHSYRA	283	2412
>VHL-G114C·RGHLWLFR	160	>VHL-G114C·RCHLWLFR	104	56
>VHL-G114C·RGHLWLFR	15	>VHL-G114C·RCHLWLFR	21	6
>VHL-G114C·RGHLWLFR	33	>VHL-G114C·RCHLWLFR	27	6
>VHL-G114C·YRGHLWLF	109	>VHL-G114C·YRCHLWLF	58	51

>VHL-G114C·YRGHLWLF	75	>VHL-G114C·YRCHLWLF	124	49
>VHL-G114C·YRGHLWLF	66	>VHL-G114C·YRCHLWLF	114	48
>VHL-G114C·YRGHLWLF	1169	>VHL-G114C·YRCHLWLF	331	838
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>VHL-G114C·SYRGHLWLF	32	>VHL-G114C·SYRCHLWLF	16	16
>VHL-G114C·SYRGHLWLF	24	>VHL-G114C·SYRCHLWLF	22	2
>VHL-G114C·SYRGHLWL	17	>VHL-G114C·SYRCHLWL	24	7
>VHL-G114C·SYRGHLWLF	5	>VHL-G114C·SYRCHLWLF	7	2
>VHL-G114C·SYRGHLWLF	351	>VHL-G114C·SYRCHLWLF	1334	983
>VHL-G114C·SYRGHLWLF	96	>VHL-G114C·SYRCHLWLF	173	77
>VHL-G114C·SYRGHLWL	38	>VHL-G114C·SYRCHLWL	32	6
>VHL-G114C·SYRGHLWLF	11	>VHL-G114C·SYRCHLWLF	9	2
>VHL-G114C·SYRGHLWLF	7	>VHL-G114C·SYRCHLWLF	8	1
>VHL-G114C·SYRGHLWLF	88	>VHL-G114C·SYRCHLWLF	70	18
>VHL-G114C·SYRGHLWLF	265	>VHL-G114C·SYRCHLWLF	154	111
>VHL-G114C·SYRGHLWLF	396	>VHL-G114C·SYRCHLWLF	250	146
>VHL-G114C·SYRGHLWLF	23	>VHL-G114C·SYRCHLWLF	21	2
>VHL-G114C·SYRGHLWL	262	>VHL-G114C·SYRCHLWL	273	11
>VHL-G114C·SYRGHLWLF	430	>VHL-G114C·SYRCHLWLF	96	334
>VHL-G114C·SYRGHLWL	420	>VHL-G114C·SYRCHLWL	800	380
>VHL-G114C·SYRGHLWLF	277	>VHL-G114C·SYRCHLWLF	783	506
>VHL-G114C·HSYRGHLWL	522	>VHL-G114C·HSYRCHLWL	168	354
>VHL-G114C·HSYRGHLWLI	50	>VHL-G114C·HSYRCHLWLI	50	0
>VHL-G114C·HSYRGHLWLI	47	>VHL-G114C·HSYRCHLWLI	45	2
>VHL-G114C·HSYRGHLWLI	376	>VHL-G114C·HSYRCHLWLI	597	221
>VHL-G114C·HSYRGHLWLI	178	>VHL-G114C·HSYRCHLWLI	361	183
>VHL-G114C·HSYRGHLWLI	1343	>VHL-G114C·HSYRCHLWLI	264	1079
>VHL-G114C·HSYRGHLWL	93	>VHL-G114C·HSYRCHLWL	257	164
>VHL-G114C·HSYRGHLWLI	27	>VHL-G114C·HSYRCHLWLI	46	19
>VHL-G114C·HSYRGHLWLI	457	>VHL-G114C·HSYRCHLWLI	694	237
>VHL-G114C·HSYRGHLWLI	8	>VHL-G114C·HSYRCHLWLI	7	1
>VHL-G114C·HSYRGHLWLI	293	>VHL-G114C·HSYRCHLWLI	515	222
>VHL-G114C·HSYRGHLWLI	27	>VHL-G114C·HSYRCHLWLI	23	4
>VHL-G114C·HSYRGHLWLI	9	>VHL-G114C·HSYRCHLWLI	7	2
>VHL-G114C·HSYRGHLWLI	36	>VHL-G114C·HSYRCHLWLI	28	8
>VHL-G114C·HSYRGHLW	4	>VHL-G114C·HSYRCHLW	5	1
>VHL-G114C·HSYRGHLWL	5	>VHL-G114C·HSYRCHLWL	7	2
>VHL-G114C·HSYRGHLW	34	>VHL-G114C·HSYRCHLW	32	2
>VHL-G114C·HSYRGHLWL	838	>VHL-G114C·HSYRCHLWL	182	656
>VHL-G114C·HSYRGHLWLI	62	>VHL-G114C·HSYRCHLWLI	55	7
>VHL-G114C·HSYRGHLW	10	>VHL-G114C·HSYRCHLW	10	0
>VHL-G114C·HSYRGHLWL	339	>VHL-G114C·HSYRCHLWL	452	113
>VHL-G114C·HSYRGHLWLI	19	>VHL-G114C·HSYRCHLWLI	22	3

>VHL-G114C·HSYRGHLWL	1217	>VHL-G114C·HSYRCHLWL	460	757
>VHL-G114C·HSYRGHLWLI	705	>VHL-G114C·HSYRCHLWLF	451	254
>VHL-G114C·HSYRGHLWL	126	>VHL-G114C·HSYRCHLWL	78	48
>VHL-G114C·HSYRGHLWLI	55	>VHL-G114C·HSYRCHLWLF	73	18
>VHL-G114C·HSYRGHLWL	790	>VHL-G114C·HSYRCHLWL	488	302
>VHL-G114C·HSYRGHLW	137	>VHL-G114C·HSYRCHLW	174	37
>VHL-G114C·HSYRGHLWLI	300	>VHL-G114C·HSYRCHLWLF	247	53
>VHL-G114C·HSYRGHLWLI	46	>VHL-G114C·HSYRCHLWLF	21	25
>VHL-G114C·HSYRGHLWL	153	>VHL-G114C·HSYRCHLWL	123	30
>VHL-G114C·IHSYRGHLWL	569	>VHL-G114C·IHSYRCHLWL	253	316
>VHL-G114C·IHSYRGHLWL	131	>VHL-G114C·IHSYRCHLWL	99	32
>VHL-G114C·IHSYRGHLWL	91	>VHL-G114C·IHSYRCHLWL	85	6
>VHL-G114C·IHSYRGHLW	25	>VHL-G114C·IHSYRCHLW	39	14
>VHL-G114C·IHSYRGHLWL	402	>VHL-G114C·IHSYRCHLWL	625	223
>VHL-G114C·RIHSYRGHL	336	>VHL-G114C·RIHSYRCHL	197	139
>VHL-G114C·RIHSYRGHL	3999	>VHL-G114C·RIHSYRCHL	116	3883
>VHL-G114C·RIHSYRGHLV	414	>VHL-G114C·RIHSYRCHLW	176	238
>VHL-G114C·RIHSYRGHL	23	>VHL-G114C·RIHSYRCHL	13	10
>VHL-G114C·RIHSYRGHLV	21	>VHL-G114C·RIHSYRCHLW	21	0
>VHL-G114C·RIHSYRGHL	922	>VHL-G114C·RIHSYRCHL	327	595
>VHL-G114C·RIHSYRGHL	877	>VHL-G114C·RIHSYRCHL	108	769
>VHL-G114C·RIHSYRGHL	1083	>VHL-G114C·RIHSYRCHL	296	787
>VHL-G114C·RIHSYRGHL	2162	>VHL-G114C·RIHSYRCHL	471	1691
>VHL-G114C·RIHSYRGHLV	117	>VHL-G114C·RIHSYRCHLW	121	4
>VHL-G114C·RIHSYRGHLV	50	>VHL-G114C·RIHSYRCHLW	34	16
>VHL-G114C·RIHSYRGHLV	74	>VHL-G114C·RIHSYRCHLW	299	225
>VHL-G114C·RRIHSYRGH	107	>VHL-G114C·RRIHSYRCH	61	46
>VHL-G114C·RRIHSYRGHL	52	>VHL-G114C·RRIHSYRCHL	21	31
>VHL-G114C·RRIHSYRGHL'	119	>VHL-G114C·RRIHSYRCHL\	162	43
>VHL-G114C·RRIHSYRGH	112	>VHL-G114C·RRIHSYRCH	139	27
>VHL-G114C·RRIHSYRGHL	9	>VHL-G114C·RRIHSYRCHL	13	4
>VHL-G114C·RRIHSYRGHL'	134	>VHL-G114C·RRIHSYRCHL\	320	186
>VHL-G114C·RRIHSYRG	99	>VHL-G114C·RRIHSYRC	69	30
>VHL-G114C·RRIHSYRGHL	21	>VHL-G114C·RRIHSYRCHL	19	2
>VHL-G114C·RRIHSYRGHL'	96	>VHL-G114C·RRIHSYRCHL\	104	8
>VHL-G114C·RRIHSYRGH	201	>VHL-G114C·RRIHSYRCH	410	209
>VHL-G114C·RRIHSYRGHL	18	>VHL-G114C·RRIHSYRCHL	29	11
>VHL-G114C·RRIHSYRGHL'	336	>VHL-G114C·RRIHSYRCHL\	323	13
>VHL-G114C·RRIHSYRGHL'	124	>VHL-G114C·RRIHSYRCHL\	209	85
>VHL-G114C·GRIHSYRGH	1579	>VHL-G114C·GRIHSYRCH	411	1168
>VHL-G114C·GRIHSYRGH	730	>VHL-G114C·GRIHSYRCH	477	253
>VHL-G114C·GRIHSYRGH	212	>VHL-G114C·GRIHSYRCH	285	73
>VHL-G114C·GRIHSYRGH	174	>VHL-G114C·GRIHSYRCH	149	25

>VHL-G114C·GRRHHSYRGH	13	>VHL-G114C·GRRHHSYRCH	18	5
>VHL-G114D RGHLWLFR	160	>VHL-G114D RDHLWLFR	3454	3294
>VHL-G114D RGHLWLFR	15	>VHL-G114D RDHLWLFR	200	185
>VHL-G114D RGHLWLFR	33	>VHL-G114D RDHLWLFR	78	45
>VHL-G114D YRGHLWLF	109	>VHL-G114D YRDHLWLF	411	302
>VHL-G114D YRGHLWLF	75	>VHL-G114D YRDHLWLF	153	78
>VHL-G114D YRGHLWLFR	66	>VHL-G114D YRDHLWLFR	145	79
>VHL-G114D YRGHLWLFR	44	>VHL-G114D YRDHLWLFR	136	92
>VHL-G114D SYRGHLWLF	32	>VHL-G114D SYRDHLWLF	22	10
>VHL-G114D SYRGHLWLF	24	>VHL-G114D SYRDHLWLF	32	8
>VHL-G114D SYRGHLWL	17	>VHL-G114D SYRDHLWL	40	23
>VHL-G114D SYRGHLWLF	5	>VHL-G114D SYRDHLWLF	7	2
>VHL-G114D SYRGHLWLF	351	>VHL-G114D SYRDHLWLF	806	455
>VHL-G114D SYRGHLWLF	96	>VHL-G114D SYRDHLWLF	92	4
>VHL-G114D SYRGHLWL	38	>VHL-G114D SYRDHLWL	45	7
>VHL-G114D SYRGHLWLFF	11	>VHL-G114D SYRDHLWLFF	10	1
>VHL-G114D SYRGHLWLFF	7	>VHL-G114D SYRDHLWLFF	9	2
>VHL-G114D SYRGHLWLFF	88	>VHL-G114D SYRDHLWLFF	96	8
>VHL-G114D SYRGHLWLFF	265	>VHL-G114D SYRDHLWLFF	430	165
>VHL-G114D SYRGHLWLFF	396	>VHL-G114D SYRDHLWLFF	311	85
>VHL-G114D SYRGHLWLFF	23	>VHL-G114D SYRDHLWLFF	25	2
>VHL-G114D SYRGHLWL	262	>VHL-G114D SYRDHLWL	236	26
>VHL-G114D SYRGHLWLFF	430	>VHL-G114D SYRDHLWLFF	120	310
>VHL-G114D SYRGHLWL	420	>VHL-G114D SYRDHLWL	676	256
>VHL-G114D SYRGHLWLF	277	>VHL-G114D SYRDHLWLF	548	271
>VHL-G114D HSYRGHLWLI	50	>VHL-G114D HSYRDHLWLI	82	32
>VHL-G114D HSYRGHLWLI	47	>VHL-G114D HSYRDHLWLI	70	23
>VHL-G114D HSYRGHLWLI	376	>VHL-G114D HSYRDHLWLI	539	163
>VHL-G114D HSYRGHLWLI	178	>VHL-G114D HSYRDHLWLI	139	39
>VHL-G114D HSYRGHLWL	93	>VHL-G114D HSYRDHLWL	633	540
>VHL-G114D HSYRGHLWLI	27	>VHL-G114D HSYRDHLWLI	78	51
>VHL-G114D HSYRGHLWLI	457	>VHL-G114D HSYRDHLWLI	764	307
>VHL-G114D HSYRGHLWLI	8	>VHL-G114D HSYRDHLWLI	9	1
>VHL-G114D HSYRGHLWLI	293	>VHL-G114D HSYRDHLWLI	501	208
>VHL-G114D HSYRGHLWLI	27	>VHL-G114D HSYRDHLWLI	37	10
>VHL-G114D HSYRGHLWLI	9	>VHL-G114D HSYRDHLWLI	9	0
>VHL-G114D HSYRGHLWLI	36	>VHL-G114D HSYRDHLWLI	37	1
>VHL-G114D HSYRGHLW	4	>VHL-G114D HSYRDHLW	5	1
>VHL-G114D HSYRGHLWL	5	>VHL-G114D HSYRDHLWL	9	4
>VHL-G114D HSYRGHLW	34	>VHL-G114D HSYRDHLW	32	2
>VHL-G114D HSYRGHLWL	838	>VHL-G114D HSYRDHLWL	339	499
>VHL-G114D HSYRGHLWLI	62	>VHL-G114D HSYRDHLWLI	57	5
>VHL-G114D HSYRGHLW	10	>VHL-G114D HSYRDHLW	9	1

>VHL-G114D HSYRGHLWL	339	>VHL-G114D HSYRDHLWL	840	501
>VHL-G114D HSYRGHLWLI	19	>VHL-G114D HSYRDHLWLI	23	4
>VHL-G114D HSYRGHLWL	126	>VHL-G114D HSYRDHLWL	397	271
>VHL-G114D HSYRGHLWLI	55	>VHL-G114D HSYRDHLWLI	86	31
>VHL-G114D HSYRGHLW	755	>VHL-G114D HSYRDHLW	338	417
>VHL-G114D HSYRGHLW	137	>VHL-G114D HSYRDHLW	103	34
>VHL-G114D HSYRGHLWLI	300	>VHL-G114D HSYRDHLWLI	250	50
>VHL-G114D HSYRGHLWLI	46	>VHL-G114D HSYRDHLWLI	41	5
>VHL-G114D HSYRGHLWL	153	>VHL-G114D HSYRDHLWL	245	92
>VHL-G114D IHSYRGHLWL	569	>VHL-G114D IHSYRDHLWL	451	118
>VHL-G114D IHSYRGHLWL	131	>VHL-G114D IHSYRDHLWL	195	64
>VHL-G114D IHSYRGHLWL	91	>VHL-G114D IHSYRDHLWL	179	88
>VHL-G114D IHSYRGHLW	1827	>VHL-G114D IHSYRDHLW	461	1366
>VHL-G114D IHSYRGHLW	25	>VHL-G114D IHSYRDHLW	15	10
>VHL-G114D IHSYRGHLWL	402	>VHL-G114D IHSYRDHLWL	302	100
>VHL-G114D RIHSYRGHL	336	>VHL-G114D RIHSYRDHL	492	156
>VHL-G114D RIHSYRGHLV	414	>VHL-G114D RIHSYRDHLV	463	49
>VHL-G114D RIHSYRGHL	23	>VHL-G114D RIHSYRDHL	126	103
>VHL-G114D RIHSYRGHLV	21	>VHL-G114D RIHSYRDHLV	62	41
>VHL-G114D RIHSYRGHLV	117	>VHL-G114D RIHSYRDHLV	94	23
>VHL-G114D RIHSYRGHLV	50	>VHL-G114D RIHSYRDHLV	31	19
>VHL-G114D RIHSYRGHLV	74	>VHL-G114D RIHSYRDHLV	92	18
>VHL-G114D RRIHSYRGH	107	>VHL-G114D RRIHSYRDH	67	40
>VHL-G114D RRIHSYRGHL	52	>VHL-G114D RRIHSYRDHL	38	14
>VHL-G114D RRIHSYRGHL'	119	>VHL-G114D RRIHSYRDHL'	236	117
>VHL-G114D RRIHSYRGH	112	>VHL-G114D RRIHSYRDH	467	355
>VHL-G114D RRIHSYRGHL	9	>VHL-G114D RRIHSYRDHL	13	4
>VHL-G114D RRIHSYRGHL'	134	>VHL-G114D RRIHSYRDHL'	262	128
>VHL-G114D RRIHSYRG	99	>VHL-G114D RRIHSYRD	371	272
>VHL-G114D RRIHSYRGHL	21	>VHL-G114D RRIHSYRDHL	43	22
>VHL-G114D RRIHSYRGHL'	96	>VHL-G114D RRIHSYRDHL'	129	33
>VHL-G114D RRIHSYRGH	201	>VHL-G114D RRIHSYRDH	715	514
>VHL-G114D RRIHSYRGHL	18	>VHL-G114D RRIHSYRDHL	50	32
>VHL-G114D RRIHSYRGHL'	336	>VHL-G114D RRIHSYRDHL'	598	262
>VHL-G114D RRIHSYRGHL'	124	>VHL-G114D RRIHSYRDHL'	102	22
>VHL-G114D GRIHSYRGH	212	>VHL-G114D GRIHSYRDH	378	166
>VHL-G114D GRIHSYRGH	174	>VHL-G114D GRIHSYRDH	205	31
>VHL-G114D GRIHSYRGH	13	>VHL-G114D GRIHSYRDH	20	7
>VHL-G114R RGHLWLFR	160	>VHL-G114R RRHLWLFR	775	615
>VHL-G114R RGHLWLFR	15	>VHL-G114R RRHLWLFR	365	350
>VHL-G114R RGHLWLFR	7538	>VHL-G114R RRHLWLFR	26	7512
>VHL-G114R RGHLWLFRD	20838	>VHL-G114R RRHLWLFRD	335	20503
>VHL-G114R RGHLWLFRD,	17362	>VHL-G114R RRHLWLFRD,	23	17339

>VHL-G114R·RGHLWLFR	25030	>VHL-G114R·RRHLWLFR	360	24670
>VHL-G114R·RGHLWLFRD,	21882	>VHL-G114R·RRHLWLFRD,	134	21748
>VHL-G114R·RGHLWLFRD,	22628	>VHL-G114R·RRHLWLFRD,	323	22305
>VHL-G114R·RGHLWLFRD,	17400	>VHL-G114R·RRHLWLFRD,	53	17347
>VHL-G114R·RGHLWLFR	33	>VHL-G114R·RRHLWLFR	40	7
>VHL-G114R·GTGRRHSYR	26077	>VHL-G114R·GTGRRHSYR	265	25812
>VHL-G114R·GTGRRHSYR	18717	>VHL-G114R·GTGRRHSYR	23	18694
>VHL-G114R·GTGRRHSYR	40759	>VHL-G114R·GTGRRHSYR	487	40272
>VHL-G114R·GTGRRHSYR	9062	>VHL-G114R·GTGRRHSYR	144	8918
>VHL-G114R·YRGHLWLF	109	>VHL-G114R·YRRHLWLF	15	94
>VHL-G114R·YRGHLWLF	75	>VHL-G114R·YRRHLWLF	67	8
>VHL-G114R·YRGHLWLFR	66	>VHL-G114R·YRRHLWLFR	55	11
>VHL-G114R·YRGHLWLFR	1169	>VHL-G114R·YRRHLWLFR	230	939
>VHL-G114R·YRGHLWLFR	44	>VHL-G114R·YRRHLWLFR	77	33
>VHL-G114R·SYRGHLWLF	32	>VHL-G114R·SYRRHLWLF	24	8
>VHL-G114R·SYRGHLWL	650	>VHL-G114R·SYRRHLWL	339	311
>VHL-G114R·SYRGHLWLF	24	>VHL-G114R·SYRRHLWLF	17	7
>VHL-G114R·SYRGHLWL	17	>VHL-G114R·SYRRHLWL	18	1
>VHL-G114R·SYRGHLWLF	5	>VHL-G114R·SYRRHLWLF	5	0
>VHL-G114R·SYRGHLWLF	351	>VHL-G114R·SYRRHLWLF	687	336
>VHL-G114R·SYRGHLWLF	96	>VHL-G114R·SYRRHLWLF	549	453
>VHL-G114R·SYRGHLWL	38	>VHL-G114R·SYRRHLWL	14	24
>VHL-G114R·SYRGHLWLF	840	>VHL-G114R·SYRRHLWLF	164	676
>VHL-G114R·SYRGHLWLFF	11	>VHL-G114R·SYRRHLWLFF	6	5
>VHL-G114R·SYRGHLWLFF	7	>VHL-G114R·SYRRHLWLFF	9	2
>VHL-G114R·SYRGHLWLFF	88	>VHL-G114R·SYRRHLWLFF	71	17
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>VHL-G114R·SYRGHLWLFF	23	>VHL-G114R·SYRRHLWLFF	38	15
>VHL-G114R·SYRGHLWL	262	>VHL-G114R·SYRRHLWL	313	51
>VHL-G114R·SYRGHLWLFF	430	>VHL-G114R·SYRRHLWLFF	272	158
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>VHL-G114R·HSYRGHLWLI	47	>VHL-G114R·HSYRRHLWLI	41	6
>VHL-G114R·HSYRGHLWLI	376	>VHL-G114R·HSYRRHLWLI	597	221
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>VHL-G114R·HSYRGHLWL	93	>VHL-G114R·HSYRRHLWL	52	41
>VHL-G114R·HSYRGHLWLI	27	>VHL-G114R·HSYRRHLWLI	21	6
>VHL-G114R·HSYRGHLWLI	457	>VHL-G114R·HSYRRHLWLI	549	92
>VHL-G114R·HSYRGHLWLI	8	>VHL-G114R·HSYRRHLWLI	6	2
>VHL-G114R·HSYRGHLWLI	293	>VHL-G114R·HSYRRHLWLI	302	9



>VHL-G114R·HSYRGHLWLI	27	>VHL-G114R·HSYRRHLWLI	15	12
>VHL-G114R·HSYRGHLWLI	9	>VHL-G114R·HSYRRHLWLI	8	1
>VHL-G114R·HSYRGHLWL	14326	>VHL-G114R·HSYRRHLWL	456	13870
>VHL-G114R·HSYRGHLWLI	36	>VHL-G114R·HSYRRHLWLI	36	0
>VHL-G114R·HSYRGHLW	4	>VHL-G114R·HSYRRHLW	5	1
>VHL-G114R·HSYRGHLWL	5	>VHL-G114R·HSYRRHLWL	5	0
>VHL-G114R·HSYRGHLW	34	>VHL-G114R·HSYRRHLW	32	2
>VHL-G114R·HSYRGHLWLI	62	>VHL-G114R·HSYRRHLWLI	52	10
>VHL-G114R·HSYRGHLW	10	>VHL-G114R·HSYRRHLW	10	0
>VHL-G114R·HSYRGHLWL	339	>VHL-G114R·HSYRRHLWL	1679	1340
>VHL-G114R·HSYRGHLWLI	19	>VHL-G114R·HSYRRHLWLI	26	7
>VHL-G114R·HSYRGHLWL	126	>VHL-G114R·HSYRRHLWL	306	180
>VHL-G114R·HSYRGHLWLI	55	>VHL-G114R·HSYRRHLWLI	41	14
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>VHL-G114R·HSYRGHLWLI	46	>VHL-G114R·HSYRRHLWLI	32	14
>VHL-G114R·HSYRGHLWL	153	>VHL-G114R·HSYRRHLWL	272	119
>VHL-G114R·IHSYRGHLWL	569	>VHL-G114R·IHSYRRHLWL	420	149
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>VHL-G114R·IHSYRGHLWL	91	>VHL-G114R·IHSYRRHLWL	91	0
>VHL-G114R·IHSYRGHLW	25	>VHL-G114R·IHSYRRHLW	29	4
>VHL-G114R·IHSYRGHLWL	402	>VHL-G114R·IHSYRRHLWL	485	83
>VHL-G114R·RIHSYRGHL	336	>VHL-G114R·RIHSYRRHL	294	42
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>VHL-G114R·RIHSYRGHL	23	>VHL-G114R·RIHSYRRHL	17	6
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>VHL-G114R·RIHSYRGHL	877	>VHL-G114R·RIHSYRRHL	223	654
>VHL-G114R·RIHSYRGHLV	2790	>VHL-G114R·RIHSYRRHLW	464	2326
>VHL-G114R·RIHSYRGHLV	117	>VHL-G114R·RIHSYRRHLW	79	38
>VHL-G114R·RIHSYRGHLV	50	>VHL-G114R·RIHSYRRHLW	68	18
>VHL-G114R·RIHSYRGHLV	74	>VHL-G114R·RIHSYRRHLW	181	107
>VHL-G114R·RRIHSYRG	3263	>VHL-G114R·RRIHSYRR	348	2915
>VHL-G114R·RRIHSYRGH	107	>VHL-G114R·RRIHSYRRH	149	42
>VHL-G114R·RRIHSYRGHL	52	>VHL-G114R·RRIHSYRRHL	22	30
>VHL-G114R·RRIHSYRGHL'	119	>VHL-G114R·RRIHSYRRHL\	158	39
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>VHL-G114R·RRIHSYRGHL	9	>VHL-G114R·RRIHSYRRHL	10	1
>VHL-G114R·RRIHSYRGHL'	134	>VHL-G114R·RRIHSYRRHL\	128	6
>VHL-G114R·RRIHSYRG	99	>VHL-G114R·RRIHSYRR	117	18
>VHL-G114R·RRIHSYRGHL	21	>VHL-G114R·RRIHSYRRHL	20	1
>VHL-G114R·RRIHSYRGHL'	96	>VHL-G114R·RRIHSYRRHL\	70	26

>VHL-G114R·RRIHSYRGH	201	>VHL-G114R·RRIHSYRRH	339	138
>VHL-G114R·RRIHSYRGHL	18	>VHL-G114R·RRIHSYRRHL	26	8
>VHL-G114R·RRIHSYRGHL'	336	>VHL-G114R·RRIHSYRRHL\	190	146
>VHL-G114R·RRIHSYRGHL'	124	>VHL-G114R·RRIHSYRRHL\	149	25
>VHL-G114R·RRIHSYRG	33158	>VHL-G114R·RRIHSYRR	91	33067
>VHL-G114R·GRIHSYRG	8314	>VHL-G114R·GRIHSYRR	456	7858
>VHL-G114R·GRIHSYRGH	212	>VHL-G114R·GRIHSYRRH	181	31
>VHL-G114R·GRIHSYRGH	174	>VHL-G114R·GRIHSYRRH	135	39
>VHL-G114R·GRIHSYRGH	13	>VHL-G114R·GRIHSYRRH	10	3
>VHL-G114R·TGRRIHSYRG	31706	>VHL-G114R·TGRRIHSYRR	386	31320
>VHL-G114S·RGHLWLFR	4363	>VHL-G114S·RSHLWLFR	314	4049
>VHL-G114S·RGHLWLFR	2228	>VHL-G114S·RSHLWLFR	41	2187
>VHL-G114S·RGHLWLFR	160	>VHL-G114S·RSHLWLFR	16	144
>VHL-G114S·RGHLWLFRD,	2104	>VHL-G114S·RSHLWLFRD/	93	2011
>VHL-G114S·RGHLWLFR	15	>VHL-G114S·RSHLWLFR	7	8
>VHL-G114S·RGHLWLFR	7361	>VHL-G114S·RSHLWLFR	250	7111
>VHL-G114S·RGHLWLFR	4446	>VHL-G114S·RSHLWLFR	319	4127
>VHL-G114S·RGHLWLFR	2464	>VHL-G114S·RSHLWLFR	432	2032
>VHL-G114S·RGHLWLFR	33	>VHL-G114S·RSHLWLFR	52	19
>VHL-G114S·YRGHLWLF	109	>VHL-G114S·YRSHLWLF	28	81
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>VHL-G114S·YRGHLWLFR	66	>VHL-G114S·YRSHLWLFR	34	32
>VHL-G114S·YRGHLWLFR	1169	>VHL-G114S·YRSHLWLFR	465	704
>VHL-G114S·YRGHLWLFR	44	>VHL-G114S·YRSHLWLFR	50	6
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>VHL-G114S·SYRGHLWLF	24	>VHL-G114S·SYRSHLWLF	19	5
>VHL-G114S·SYRGHLWL	17	>VHL-G114S·SYRSHLWL	19	2
>VHL-G114S·SYRGHLWLF	5	>VHL-G114S·SYRSHLWLF	6	1
>VHL-G114S·SYRGHLWLF	351	>VHL-G114S·SYRSHLWLF	504	153
>VHL-G114S·SYRGHLWLF	96	>VHL-G114S·SYRSHLWLF	121	25
>VHL-G114S·SYRGHLWL	38	>VHL-G114S·SYRSHLWL	27	11
>VHL-G114S·SYRGHLWLFF	11	>VHL-G114S·SYRSHLWLFR	9	2
>VHL-G114S·SYRGHLWLFF	7	>VHL-G114S·SYRSHLWLFR	9	2
>VHL-G114S·SYRGHLWLFF	88	>VHL-G114S·SYRSHLWLFR	97	9
>VHL-G114S·SYRGHLWLFF	265	>VHL-G114S·SYRSHLWLFR	363	98
>VHL-G114S·SYRGHLWLFF	396	>VHL-G114S·SYRSHLWLFR	266	130
>VHL-G114S·SYRGHLWLFF	23	>VHL-G114S·SYRSHLWLFR	28	5
>VHL-G114S·SYRGHLWL	262	>VHL-G114S·SYRSHLWL	168	94
>VHL-G114S·SYRGHLWLFF	430	>VHL-G114S·SYRSHLWLFR	190	240
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>VHL-G114S·HSYRGHLWL	522	>VHL-G114S·HSYRSHLWL	301	221
>VHL-G114S·HSYRGHLWLI	50	>VHL-G114S·HSYRSHLWLF	44	6

>VHL-G114S- HSYRGHLWLI	47	>VHL-G114S- HSYRSHLWLF	29	18
>VHL-G114S- HSYRGHLWLI	376	>VHL-G114S- HSYRSHLWLF	496	120
>VHL-G114S- HSYRGHLWLI	178	>VHL-G114S- HSYRSHLWLF	235	57
>VHL-G114S- HSYRGHLWLI	1343	>VHL-G114S- HSYRSHLWLF	445	898
>VHL-G114S- HSYRGHLWL	93	>VHL-G114S- HSYRSHLWL	42	51
>VHL-G114S- HSYRGHLWLI	27	>VHL-G114S- HSYRSHLWLF	19	8
>VHL-G114S- HSYRGHLWLI	457	>VHL-G114S- HSYRSHLWLF	397	60
>VHL-G114S- HSYRGHLWLI	8	>VHL-G114S- HSYRSHLWLF	7	1
>VHL-G114S- HSYRGHLWLI	293	>VHL-G114S- HSYRSHLWLF	495	202
>VHL-G114S- HSYRGHLWLI	27	>VHL-G114S- HSYRSHLWLF	31	4
>VHL-G114S- HSYRGHLWLI	9	>VHL-G114S- HSYRSHLWLF	6	3
>VHL-G114S- HSYRGHLWL	1085	>VHL-G114S- HSYRSHLWL	197	888
>VHL-G114S- HSYRGHLWLI	36	>VHL-G114S- HSYRSHLWLF	11	25
>VHL-G114S- HSYRGHLW	4	>VHL-G114S- HSYRSHLW	3	1
>VHL-G114S- HSYRGHLWL	5	>VHL-G114S- HSYRSHLWL	4	1
>VHL-G114S- HSYRGHLW	34	>VHL-G114S- HSYRSHLW	30	4
>VHL-G114S- HSYRGHLWL	838	>VHL-G114S- HSYRSHLWL	190	648
>VHL-G114S- HSYRGHLWLI	62	>VHL-G114S- HSYRSHLWLF	46	16
>VHL-G114S- HSYRGHLW	10	>VHL-G114S- HSYRSHLW	9	1
>VHL-G114S- HSYRGHLWL	339	>VHL-G114S- HSYRSHLWL	156	183
>VHL-G114S- HSYRGHLWLI	19	>VHL-G114S- HSYRSHLWLF	17	2
>VHL-G114S- HSYRGHLWL	1217	>VHL-G114S- HSYRSHLWL	242	975
>VHL-G114S- HSYRGHLWLI	705	>VHL-G114S- HSYRSHLWLF	226	479
>VHL-G114S- HSYRGHLWL	126	>VHL-G114S- HSYRSHLWL	171	45
>VHL-G114S- HSYRGHLWLI	55	>VHL-G114S- HSYRSHLWLF	45	10
>VHL-G114S- HSYRGHLW	755	>VHL-G114S- HSYRSHLW	485	270
>VHL-G114S- HSYRGHLW	137	>VHL-G114S- HSYRSHLW	118	19
>VHL-G114S- HSYRGHLWLI	300	>VHL-G114S- HSYRSHLWLF	194	106
>VHL-G114S- HSYRGHLWLI	46	>VHL-G114S- HSYRSHLWLF	37	9
>VHL-G114S- HSYRGHLWL	153	>VHL-G114S- HSYRSHLWL	196	43
>VHL-G114S- IHSYRGHLWLI	569	>VHL-G114S- IHSYRSHLWL	407	162
>VHL-G114S- IHSYRGHLWLI	131	>VHL-G114S- IHSYRSHLWL	84	47
>VHL-G114S- IHSYRGHL	1237	>VHL-G114S- IHSYRSHL	268	969
>VHL-G114S- IHSYRGHLWLI	91	>VHL-G114S- IHSYRSHLWL	63	28
>VHL-G114S- IHSYRGHLW	25	>VHL-G114S- IHSYRSHLW	23	2
>VHL-G114S- IHSYRGHLWLI	402	>VHL-G114S- IHSYRSHLWL	383	19
>VHL-G114S- RIHSYRGHL	336	>VHL-G114S- RIHSYRSHL	141	195
>VHL-G114S- RIHSYRGHL	1605	>VHL-G114S- RIHSYRSHL	472	1133
>VHL-G114S- RIHSYRGHLV	414	>VHL-G114S- RIHSYRSHLW	253	161
>VHL-G114S- RIHSYRGH	1112	>VHL-G114S- RIHSYRSH	298	814
>VHL-G114S- RIHSYRGHL	23	>VHL-G114S- RIHSYRSHL	18	5
>VHL-G114S- RIHSYRGHLV	21	>VHL-G114S- RIHSYRSHLW	17	4
>VHL-G114S- RIHSYRGHL	922	>VHL-G114S- RIHSYRSHL	314	608

>VHL-G114S-RIHSYRGHL	877	>VHL-G114S-RIHSYRSHL	150	727
>VHL-G114S-RIHSYRGHL	1083	>VHL-G114S-RIHSYRSHL	410	673
>VHL-G114S-RIHSYRGHL	2162	>VHL-G114S-RIHSYRSHL	192	1970
>VHL-G114S-RIHSYRGHLV	705	>VHL-G114S-RIHSYRSHLW	339	366
>VHL-G114S-RIHSYRGHLV	117	>VHL-G114S-RIHSYRSHLW	96	21
>VHL-G114S-RIHSYRGHLV	50	>VHL-G114S-RIHSYRSHLW	29	21
>VHL-G114S-RIHSYRGHLV	74	>VHL-G114S-RIHSYRSHLW	102	28
>VHL-G114S-RIHSYRGHL	107	>VHL-G114S-RIHSYRSHL	22	85
>VHL-G114S-RIHSYRGHL	52	>VHL-G114S-RIHSYRSHL	9	43
>VHL-G114S-RIHSYRGHL'	119	>VHL-G114S-RIHSYRSHL\	100	19
>VHL-G114S-RIHSYRG	947	>VHL-G114S-RIHSYRS	240	707
>VHL-G114S-RIHSYRGH	112	>VHL-G114S-RIHSYRS	106	6
>VHL-G114S-RIHSYRGHL	9	>VHL-G114S-RIHSYRSHL	9	0
>VHL-G114S-RIHSYRGHL'	134	>VHL-G114S-RIHSYRSHL\	142	8
>VHL-G114S-RIHSYRG	99	>VHL-G114S-RIHSYRS	379	280
>VHL-G114S-RIHSYRGHL	21	>VHL-G114S-RIHSYRSHL	28	7
>VHL-G114S-RIHSYRGHL'	96	>VHL-G114S-RIHSYRSHL\	107	11
>VHL-G114S-RIHSYRGH	201	>VHL-G114S-RIHSYRS	422	221
>VHL-G114S-RIHSYRGHL	18	>VHL-G114S-RIHSYRSHL	27	9
>VHL-G114S-RIHSYRGHL'	336	>VHL-G114S-RIHSYRSHL\	382	46
>VHL-G114S-RIHSYRGHL'	124	>VHL-G114S-RIHSYRSHL\	112	12
>VHL-G114S-RIHSYRGH	212	>VHL-G114S-RIHSYRS	233	21
>VHL-G114S-RIHSYRGH	174	>VHL-G114S-RIHSYRS	122	52
>VHL-G114S-RIHSYRGH	13	>VHL-G114S-RIHSYRS	9	4
>VHL-G144A-GQPIFANI	412	>VHL-G144A-GQPIFANI	58	354
>VHL-G144A-GQPIFANITL	236	>VHL-G144A-GQPIFANITL	219	17
>VHL-G144A-GQPIFANI	241	>VHL-G144A-GQPIFANI	81	160
>VHL-G144A-GQPIFANITL	430	>VHL-G144A-GQPIFANITL	268	162
>VHL-G144A-GQPIFANITL	1726	>VHL-G144A-GQPIFANITL	315	1411
>VHL-G144A-GQPIFANITL	674	>VHL-G144A-GQPIFANITL	289	385
>VHL-G144A-DGQPIFANI	891	>VHL-G144A-DGQPIFANI	30	861
>VHL-G144A-DGQPIFANI	8278	>VHL-G144A-DGQPIFANI	357	7921
>VHL-G144A-ELFVPSLNVD	23220	>VHL-G144A-ELFVPSLNVD	496	22724
>VHL-G144A-VDGQPIFANI	444	>VHL-G144A-VDGQPIFANI	122	322
>VHL-G144A-NVDGQPIFANI	253	>VHL-G144A-NVDGQPIFANI	173	80
>VHL-G144A-NVDGQPIFANI	817	>VHL-G144A-NVDGQPIFANI	457	360
>VHL-G144A-NVDGQPIFANI	61	>VHL-G144A-NVDGQPIFANI	35	26
>VHL-G144A-LNVDGQPIF	423	>VHL-G144A-LNVDGQPIF	215	208
>VHL-G144A-LNVDGQPI	1051	>VHL-G144A-LNVDGQPI	394	657
>VHL-G144A-SLNVDGQPI	169	>VHL-G144A-SLNVDGQPI	135	34
>VHL-G144A-SLNVDGQPIF	120	>VHL-G144A-SLNVDGQPIF	102	18
>VHL-G144A-SLNVDGQPI	47	>VHL-G144A-SLNVDGQPI	37	10
>VHL-G144A-SLNVDGQPIF	71	>VHL-G144A-SLNVDGQPIF	58	13

>VHL-G144A·SLNVDGQPI	44	>VHL-G144A·SLNVDAQPI	55	11
>VHL-G144A·SLNVDGQPIF	58	>VHL-G144A·SLNVDAQPIF	68	10
>VHL-G144A·SLNVDGQPI	49	>VHL-G144A·SLNVDAQPI	39	10
>VHL-G144A·SLNVDGQPIF	235	>VHL-G144A·SLNVDAQPIF	203	32
>VHL-G144A·SLNVDGQPI	54	>VHL-G144A·SLNVDAQPI	47	7
>VHL-G144A·SLNVDGQPIF	29	>VHL-G144A·SLNVDAQPIF	29	0
>VHL-G144A·SLNVDGQPI	53	>VHL-G144A·SLNVDAQPI	38	15
>VHL-G144A·SLNVDGQPIF	42	>VHL-G144A·SLNVDAQPIF	43	1
>VHL-G144A·SLNVDGQPIF	186	>VHL-G144A·SLNVDAQPIF	261	75
>VHL-G144A·SLNVDGQPIF	261	>VHL-G144A·SLNVDAQPIF	780	519
>VHL-G144A·SLNVDGQPIF	93	>VHL-G144A·SLNVDAQPIF	101	8
>VHL-G144A·VPSLNVDGQI	124	>VHL-G144A·VPSLNVDQI	119	5
>VHL-G144A·VPSLNVDGQ	6049	>VHL-G144A·VPSLNVDQ	486	5563
>VHL-G144A·VPSLNVDGQI	412	>VHL-G144A·VPSLNVDQI	294	118
>VHL-G144A·FVPSLNVDG	8244	>VHL-G144A·FVPSLNVDQ	160	8084
>VHL-G39D-ν EESGPEES	259	>VHL-G39D-r EESDPEES	675	416
>VHL-G39D-ν AEESGPEES	279	>VHL-G39D-r AEESDPEES	653	374
>VHL-G39D-ν AEESGPEESG	136	>VHL-G39D-r AEESDPEESG	161	25
>VHL-G39S-ν GPEESGPEEL	1365	>VHL-G39S-n SPEESGPEEL	134	1231
>VHL-G39S-ν GPEESGPEEL	3229	>VHL-G39S-n SPEESGPEEL	186	3043
>VHL-G39S-ν SGPEESGPEE	2646	>VHL-G39S-n SSPEESGPEEL	39	2607
>VHL-G39S-ν EESGPEES	259	>VHL-G39S-n EESSPEES	392	133
>VHL-G39S-ν AEESGPEES	279	>VHL-G39S-n AEESSPEES	266	13
>VHL-G39S-ν AEESGPEESG	136	>VHL-G39S-n AEESSPEESG	109	27
>VHL-G39S-ν EESGAEESG	1003	>VHL-G39S-n EESGAEES	309	694
>VHL-G44D-ν GPEELGAEEL	247	>VHL-G44D-r DPEELGAEEL	60	187
>VHL-G44D-ν EESGPEEL	57	>VHL-G44D-r EESDPEEL	152	95
>VHL-G44D-ν EESGPEEL	364	>VHL-G44D-r EESDPEEL	882	518
>VHL-G44D-ν EESGPEELGA	355	>VHL-G44D-r EESDPEELGA	276	79
>VHL-G44D-ν PEESGPEEL	231	>VHL-G44D-r PEESDPEEL	458	227
>VHL-G44D-ν AEESGPEESG	136	>VHL-G44D-r AEESGPEESD	517	381
>VHL-G49C-ν LGAEELMEAC	442	>VHL-G49C-r LCAEELMEAC	1437	995
>VHL-G49C-ν ELGAEELMEAC	238	>VHL-G49C-r ELCAEELMEAC	325	87
>VHL-G49C-ν ELGAEELME	3622	>VHL-G49C-r ELCAEELME	499	3123
>VHL-G49C-ν EELGAEELME	277	>VHL-G49C-r EELCAEELME	1140	863
>VHL-G49C-ν EELGAEELME	18	>VHL-G49C-r EELCAEELME	23	5
>VHL-G49C-ν GPEELGAEEL	247	>VHL-G49C-r GPEELCAEEL	230	17
>VHL-G49C-ν EESGPEELGA	355	>VHL-G49C-r EESGPEELCA	169	186
>VHL-G49D-ν LGAEELMEAC	442	>VHL-G49D-r LDAEELMEAC	1455	1013
>VHL-G49D-ν ELGAEELMEAC	238	>VHL-G49D-r ELDAEELMEAC	304	66
>VHL-G49D-ν EELGAEELME	277	>VHL-G49D-r EELDAEELME	667	390
>VHL-G49D-ν EELGAEELME	18	>VHL-G49D-r EELDAEELME	32	14
>VHL-G49D-ν GPEELGAEEL	247	>VHL-G49D-r GPEELDAEEL	133	114

>VHL-G49D-v EESGPEELGA	355	>VHL-G49D-r EESGPEELDA	278	77
>VHL-G57E-v AGRPRPV LRS	24092	>VHL-G57E-n AERPRPV LRS	244	23848
>VHL-G57E-v AGRPRPV L	91	>VHL-G57E-n AERPRPV L	3208	3117
>VHL-G57E-v AGRPRPV LR	124	>VHL-G57E-n AERPRPV LR	4197	4073
>VHL-G57E-v AGRPRPV LRS	65	>VHL-G57E-n AERPRPV LRS	2642	2577
>VHL-G57E-v AGRPRPV LR	93	>VHL-G57E-n AERPRPV LR	764	671
>VHL-G57E-v AGRPRPV L	32092	>VHL-G57E-n AERPRPV L	122	31970
>VHL-G57E-v AGRPRPV LRS	38270	>VHL-G57E-n AERPRPV LRS	245	38025
>VHL-G57E-v AGRPRPV LRS	37445	>VHL-G57E-n AERPRPV LRS	138	37307
>VHL-G57E-v AGRPRPV LRS	25147	>VHL-G57E-n AERPRPV LRS	18	25129
>VHL-G57E-v EAGRPRPV LR	127	>VHL-G57E-n EAERPRPV LR	232	105
>VHL-G57E-v EAGRPRPV	354	>VHL-G57E-n EAERPRPV	706	352
>VHL-G57E-v EAGRPRPV	81	>VHL-G57E-n EAERPRPV	321	240
>VHL-G57E-v MEAGRPRPV	194	>VHL-G57E-n MEAERPRPV	75	119
>VHL-G57E-v MEAGRPRPV	355	>VHL-G57E-n MEAERPRPV I	285	70
>VHL-G57E-v MEAGRPRPV	104	>VHL-G57E-n MEAERPRPV I	103	1
>VHL-G57E-v MEAGRPRPV	248	>VHL-G57E-n MEAERPRPV I	278	30
>VHL-G57E-v MEAGRPRPV	56	>VHL-G57E-n MEAERPRPV	93	37
>VHL-G57E-v MEAGRPRPV	205	>VHL-G57E-n MEAERPRPV	42	163
>VHL-G57E-v MEAGRPRPV	329	>VHL-G57E-n MEAERPRPV I	232	97
>VHL-G57E-v MEAGRPRPV	213	>VHL-G57E-n MEAERPRPV I	333	120
>VHL-G57E-v EMEAGRPRP'	490	>VHL-G57E-n EMEAERPRP\	560	70
>VHL-G57E-v EMEAGRPRP'	279	>VHL-G57E-n EMEAERPRP\	363	84
>VHL-G57E-v EMEAGRPRP'	50	>VHL-G57E-n EMEAERPRP\	86	36
>VHL-G57E-v EMEAGRPRP'	115	>VHL-G57E-n EMEAERPRP\	195	80
>VHL-G57E-v EMEAGRPR	299	>VHL-G57E-n EMEAERPR	353	54
>VHL-G57E-v EMEAGRPR	190	>VHL-G57E-n EMEAERPR	149	41
>VHL-G57E-v EMEAGRPRP'	160	>VHL-G57E-n EMEAERPRP\	343	183
>VHL-G57E-v EMEAGRPR	412	>VHL-G57E-n EMEAERPR	190	222
>VHL-G57E-v EEMEAGRP	393	>VHL-G57E-n EEMEAGERP	2760	2367
>VHL-G57E-v EEMEAGRPR	177	>VHL-G57E-n EEMEAGERPR I	127	50
>VHL-G57E-v EEMEAGRPR	273	>VHL-G57E-n EEMEAGERPR	1330	1057
>VHL-G57E-v EEMEAGRPR	378	>VHL-G57E-n EEMEAGERPR I	796	418
>VHL-G57E-v EEMEAGRPR I	268	>VHL-G57E-n EEMEAGERPR I	379	111
>VHL-G57E-v EEMEAGRPR	419	>VHL-G57E-n EEMEAGERPR I	736	317
>VHL-G57E-v EEMEAGRPR I	27	>VHL-G57E-n EEMEAGERPR I	29	2
>VHL-G57E-v EEMEAGRPR	138	>VHL-G57E-n EEMEAGERPR I	136	2
>VHL-G57E-v AEEEMEAG	319	>VHL-G57E-n AEEEMEAE	572	253
>VHL-G57E-v AEEEMEAGR	430	>VHL-G57E-n AEEEMEAE R I	804	374
>VHL-G57E-v LGAEEMEAE I	442	>VHL-G57E-n LGAEEMEAE I	336	106
>VHL-G93R-v GEPQPYPTL	197	>VHL-G93R-r REPQPYPTL	57	140
>VHL-G93R-v GEPQPYPT	688	>VHL-G93R-r REPQPYPT	391	297
>VHL-G93R-v GEPQPYPTL	460	>VHL-G93R-r REPQPYPTL	309	151

>VHL-G93R-v GEPQPYPTL	2202	>VHL-G93R-r REPQPYPTL	269	1933
>VHL-G93R-v VVLPVWLNFI	22411	>VHL-G93R-r VVLPVWLNFI	69	22342
>VHL-G93R-v VVLPVWLNFI	18872	>VHL-G93R-r VVLPVWLNFI	46	18826
>VHL-G93R-v VVLPVWLNFI	29580	>VHL-G93R-r VVLPVWLNFI	136	29444
>VHL-G93R-v VVLPVWLNFI	37212	>VHL-G93R-r VVLPVWLNFI	251	36961
>VHL-G93R-v VVLPVWLNFI	34541	>VHL-G93R-r VVLPVWLNFI	475	34066
>VHL-G93R-v FDGEPQPY	1713	>VHL-G93R-r FDREPQPY	424	1289
>VHL-G93R-v FDGEPQPY	2777	>VHL-G93R-r FDREPQPY	318	2459
>VHL-G93R-v NFDGEPQPY	338	>VHL-G93R-r NFDREPQPY	1325	987
>VHL-G93R-v LNFDGEPQPY	165	>VHL-G93R-r LNFDREPQPY	253	88
>VHL-G93R-v LNFDGEPQPY	111	>VHL-G93R-r LNFDREPQPY	90	21
>VHL-G93R-v WLNFDGEPQ	50	>VHL-G93R-r WLNFDREPQ	95	45
>VHL-G93R-v WLNFDGEPQ	54	>VHL-G93R-r WLNFDREPQ	61	7
>VHL-G93R-v WLNFDGEPQ	52	>VHL-G93R-r WLNFDREPQ	129	77
>VHL-G93R-v WLNFDGEPQ	102	>VHL-G93R-r WLNFDREPQ	104	2
>VHL-G93R-v WLNFDGEPQ	90	>VHL-G93R-r WLNFDREPQ	142	52
>VHL-G93R-v WLNFDGEPQ	182	>VHL-G93R-r WLNFDREPQ	209	27
>VHL-G93R-v VWLNFDGE	227	>VHL-G93R-r VWLNFDRE	345	118
>VHL-G93R-v VWLNFDGEP	304	>VHL-G93R-r VWLNFDREP	400	96
>VHL-G93R-v PVWLNFDG	33520	>VHL-G93R-r PVWLNFDRE	151	33369
>VHL-G93R-v LPVWLNFDG	39285	>VHL-G93R-r LPVWLNFDRE	261	39024
>VHL-G93R-v LPVWLNFDG	285	>VHL-G93R-r LPVWLNFDRE	770	485
>VHL-G93R-v LPVWLNFDG	251	>VHL-G93R-r LPVWLNFDRE	955	704
>VHL-G93R-v LPVWLNFDG	345	>VHL-G93R-r LPVWLNFDRI	402	57
>VHL-G93R-v LPVWLNFDG	36020	>VHL-G93R-r LPVWLNFDRE	330	35690
>VHL-G93R-v VLPVWLNFDI	29756	>VHL-G93R-r VLPVWLNFDI	275	29481
>VHL-G93S-v GEPQPYPTL	197	>VHL-G93S-n SEPQPYPTL	662	465
>VHL-G93S-v GEPQPYPTL	460	>VHL-G93S-n SEPQPYPTL	957	497
>VHL-G93S-v GEPQPYPTLP	3347	>VHL-G93S-n SEPQPYPTLP	493	2854
>VHL-G93S-v FDGEPQPY	893	>VHL-G93S-n FDSEPQPY	131	762
>VHL-G93S-v NFDGEPQPY	338	>VHL-G93S-n NFDSEPQPY	401	63
>VHL-G93S-v NFDGEPQPY	501	>VHL-G93S-n NFDSEPQPY	465	36
>VHL-G93S-v LNFDGEPQPY	943	>VHL-G93S-n LNFDSEPQPY	328	615
>VHL-G93S-v LNFDGEPQPY	165	>VHL-G93S-n LNFDSEPQPY	150	15
>VHL-G93S-v LNFDGEPQPY	111	>VHL-G93S-n LNFDSEPQPY	30	81
>VHL-G93S-v WLNFDGEPQ	50	>VHL-G93S-n WLNFDSEPQ	51	1
>VHL-G93S-v WLNFDGEPQ	54	>VHL-G93S-n WLNFDSEPQ	45	9
>VHL-G93S-v WLNFDGEPQ	52	>VHL-G93S-n WLNFDSEPQ	64	12
>VHL-G93S-v WLNFDGEPQ	102	>VHL-G93S-n WLNFDSEPQ	77	25
>VHL-G93S-v WLNFDGEPQ	90	>VHL-G93S-n WLNFDSEPQ	59	31
>VHL-G93S-v WLNFDGEPQ	182	>VHL-G93S-n WLNFDSEPQ	203	21
>VHL-G93S-v VWLNFDGE	227	>VHL-G93S-n VWLNFDSE	135	92
>VHL-G93S-v VWLNFDGEP	304	>VHL-G93S-n VWLNFDSEP	338	34

>VHL-G93S-v LPVWLNFDG	285	>VHL-G93S-n LPVWLNFDSE	142	143
>VHL-G93S-v LPVWLNFDG	538	>VHL-G93S-n LPVWLNFDSE	298	240
>VHL-G93S-v LPVWLNFDG	251	>VHL-G93S-n LPVWLNFDSE	187	64
>VHL-G93S-v LPVWLNFDG	345	>VHL-G93S-n LPVWLNFDSE	303	42
>VHL-H110P- HSYRGHLWLI	50	>VHL-H110P- PSYRGHLWLI	1306	1256
>VHL-H110P- HSYRGHLWLI	47	>VHL-H110P- PSYRGHLWLI	809	762
>VHL-H110P- HSYRGHLWLI	376	>VHL-H110P- PSYRGHLWLI	3288	2912
>VHL-H110P- HSYRGHLWLI	178	>VHL-H110P- PSYRGHLWLI	727	549
>VHL-H110P- HSYRGHLWL	93	>VHL-H110P- PSYRGHLWL	5038	4945
>VHL-H110P- HSYRGHLWLI	27	>VHL-H110P- PSYRGHLWLI	1527	1500
>VHL-H110P- HSYRGHLWLI	457	>VHL-H110P- PSYRGHLWLI	1384	927
>VHL-H110P- HSYRGHLWLI	8	>VHL-H110P- PSYRGHLWLI	110	102
>VHL-H110P- HSYRGHLWLI	293	>VHL-H110P- PSYRGHLWLI	3245	2952
>VHL-H110P- HSYRGHLWLI	27	>VHL-H110P- PSYRGHLWLI	340	313
>VHL-H110P- HSYRGHLWLI	9	>VHL-H110P- PSYRGHLWLI	673	664
>VHL-H110P- HSYRGHLWLI	36	>VHL-H110P- PSYRGHLWLI	408	372
>VHL-H110P- HSYRGHLW	4	>VHL-H110P- PSYRGHLW	41	37
>VHL-H110P- HSYRGHLWL	5	>VHL-H110P- PSYRGHLWL	184	179
>VHL-H110P- HSYRGHLW	34	>VHL-H110P- PSYRGHLW	96	62
>VHL-H110P- HSYRGHLWLI	62	>VHL-H110P- PSYRGHLWLI	1549	1487
>VHL-H110P- HSYRGHLW	10	>VHL-H110P- PSYRGHLW	91	81
>VHL-H110P- HSYRGHLWLI	19	>VHL-H110P- PSYRGHLWLI	1197	1178
>VHL-H110P- HSYRGHLWL	126	>VHL-H110P- PSYRGHLWL	3905	3779
>VHL-H110P- HSYRGHLWLI	55	>VHL-H110P- PSYRGHLWLI	174	119
>VHL-H110P- HSYRGHLW	137	>VHL-H110P- PSYRGHLW	3994	3857
>VHL-H110P- HSYRGHLWLI	300	>VHL-H110P- PSYRGHLWLI	613	313
>VHL-H110P- HSYRGHLWLI	46	>VHL-H110P- PSYRGHLWLI	273	227
>VHL-H110P- HSYRGHLWL	153	>VHL-H110P- PSYRGHLWL	1942	1789
>VHL-H110P- IHSYRGHLWLI	131	>VHL-H110P- IPSYRGHLWLI	1083	952
>VHL-H110P- IHSYRGHL	19579	>VHL-H110P- IPSYRGHL	16	19563
>VHL-H110P- IHSYRGHLW	26681	>VHL-H110P- IPSYRGHLW	234	26447
>VHL-H110P- IHSYRGHLWLI	25498	>VHL-H110P- IPSYRGHLWLI	218	25280
>VHL-H110P- IHSYRGHLWLI	91	>VHL-H110P- IPSYRGHLWLI	719	628
>VHL-H110P- IHSYRGHLWLI	15741	>VHL-H110P- IPSYRGHLWLI	203	15538
>VHL-H110P- IHSYRGHLW	3111	>VHL-H110P- IPSYRGHLW	17	3094
>VHL-H110P- IHSYRGHLWLI	11670	>VHL-H110P- IPSYRGHLWLI	64	11606
>VHL-H110P- IHSYRGHLW	2529	>VHL-H110P- IPSYRGHLW	10	2519
>VHL-H110P- IHSYRGHLWLI	17154	>VHL-H110P- IPSYRGHLWLI	79	17075
>VHL-H110P- IHSYRGHLWLI	402	>VHL-H110P- IPSYRGHLWLI	6303	5901
>VHL-H110P- RIHSYRGHL	336	>VHL-H110P- RIPSYRGHL	355	19
>VHL-H110P- RIHSYRGHLW	414	>VHL-H110P- RIPSYRGHLW	566	152
>VHL-H110P- RIHSYRGHL	23	>VHL-H110P- RIPSYRGHL	4268	4245
>VHL-H110P- RIHSYRGHLW	21	>VHL-H110P- RIPSYRGHLW	3788	3767



>VHL-H110P-RIHSYRGHLV	117	>VHL-H110P-RIPSYRGHLW	458	341
>VHL-H110P-RIHSYRGHLV	50	>VHL-H110P-RIPSYRGHLW	1189	1139
>VHL-H110P-RIHSYRGHLV	8213	>VHL-H110P-RIPSYRGHLW	37	8176
>VHL-H110P-RIHSYRGHLV	74	>VHL-H110P-RIPSYRGHLW	157	83
>VHL-H110P-RIHSYRGHL	107	>VHL-H110P-RRIPSYRGH	272	165
>VHL-H110P-RIHSYRGHL	52	>VHL-H110P-RRIPSYRGHL	127	75
>VHL-H110P-RIHSYRGHL'	119	>VHL-H110P-RRIPSYRGHL\	271	152
>VHL-H110P-RIHSYRGH	112	>VHL-H110P-RRIPSYRGH	133	21
>VHL-H110P-RIHSYRGHL	9	>VHL-H110P-RRIPSYRGHL	11	2
>VHL-H110P-RIHSYRGHL'	134	>VHL-H110P-RRIPSYRGHL\	176	42
>VHL-H110P-RIHSYRG	99	>VHL-H110P-RRIPSYRG	108	9
>VHL-H110P-RIHSYRGH	195	>VHL-H110P-RRIPSYRGH	209	14
>VHL-H110P-RIHSYRGHL	21	>VHL-H110P-RRIPSYRGHL	17	4
>VHL-H110P-RIHSYRGHL'	96	>VHL-H110P-RRIPSYRGHL\	102	6
>VHL-H110P-RIHSYRGH	201	>VHL-H110P-RRIPSYRGH	91	110
>VHL-H110P-RIHSYRGHL	18	>VHL-H110P-RRIPSYRGHL	13	5
>VHL-H110P-RIHSYRGHL'	336	>VHL-H110P-RRIPSYRGHL\	174	162
>VHL-H110P-RIHSYRGHL'	124	>VHL-H110P-RRIPSYRGHL\	62	62
>VHL-H110P-GRRIHSYRGH	212	>VHL-H110P-GRRIPSYRGH	388	176
>VHL-H110P-GRRIHSYRGH	174	>VHL-H110P-GRRIPSYRGH	192	18
>VHL-H110P-GRRIHSYRGH	13	>VHL-H110P-GRRIPSYRGH	31	18
>VHL-H110P-TGRRIHSYR	148	>VHL-H110P-TGRRIPSYR	686	538
>VHL-H110P-TGRRIHSY	185	>VHL-H110P-TGRRIPSY	392	207
>VHL-H110P-TGRRIHSYR	14	>VHL-H110P-TGRRIPSYR	49	35
>VHL-H110P-TGRRIHSYR	104	>VHL-H110P-TGRRIPSYR	358	254
>VHL-H110P-GTGRRISYR	452	>VHL-H110P-GTGRRIPSYR	732	280
>VHL-H110P-GTGRRISY	415	>VHL-H110P-GTGRRIPSY	353	62
>VHL-H110P-GTGRRISY	316	>VHL-H110P-GTGRRIPSY	700	384
>VHL-H110P-GTGRRISY	74	>VHL-H110P-GTGRRIPSY	153	79
>VHL-H110P-GTGRRISYR	38	>VHL-H110P-GTGRRIPSYR	98	60
>VHL-H110P-GTGRRISYR	117	>VHL-H110P-GTGRRIPSYR	831	714
>VHL-H110P-GTGRRISYR	245	>VHL-H110P-GTGRRIPSYR	177	68
>VHL-H110P-GTGRRISY	439	>VHL-H110P-GTGRRIPSY	3445	3006
>VHL-H110P-GTGRRISY	491	>VHL-H110P-GTGRRIPSY	313	178
>VHL-H110P-GTGRRISY	91	>VHL-H110P-GTGRRIPSY	108	17
>VHL-H110P-GTGRRISY	131	>VHL-H110P-GTGRRIPSY	154	23
>VHL-H110P-GTGRRISYR	400	>VHL-H110P-GTGRRIPSYR	447	47
>VHL-H110P-LPPGTGRRIP	1281	>VHL-H110P-LPPGTGRRIP	242	1039
>VHL-H110Q-HSYRGHLWL	522	>VHL-H110Q-QSYRGHLWL	238	284
>VHL-H110Q-HSYRGHLWL	50	>VHL-H110Q-QSYRGHLWL	126	76
>VHL-H110Q-HSYRGHLWL	47	>VHL-H110Q-QSYRGHLWL	46	1
>VHL-H110Q-HSYRGHLWL	376	>VHL-H110Q-QSYRGHLWL	864	488
>VHL-H110Q-HSYRGHLWL	178	>VHL-H110Q-QSYRGHLWL	171	7

>VHL-H110Q HSYRGHLWL	93	>VHL-H110Q QSYRGHLWL	1601	1508
>VHL-H110Q HSYRGHLWLI	27	>VHL-H110Q QSYRGHLWL	315	288
>VHL-H110Q HSYRGHLWLI	457	>VHL-H110Q QSYRGHLWL	609	152
>VHL-H110Q HSYRGHLWLI	8	>VHL-H110Q QSYRGHLWL	18	10
>VHL-H110Q HSYRGHLWLI	293	>VHL-H110Q QSYRGHLWL	230	63
>VHL-H110Q HSYRGHLWLI	27	>VHL-H110Q QSYRGHLWL	146	119
>VHL-H110Q HSYRGHLWLI	9	>VHL-H110Q QSYRGHLWL	18	9
>VHL-H110Q HSYRGHLWLI	36	>VHL-H110Q QSYRGHLWL	51	15
>VHL-H110Q HSYRGHLW	4	>VHL-H110Q QSYRGHLW	5	1
>VHL-H110Q HSYRGHLWL	5	>VHL-H110Q QSYRGHLWL	7	2
>VHL-H110Q HSYRGHLW	34	>VHL-H110Q QSYRGHLW	48	14
>VHL-H110Q HSYRGHLWLI	62	>VHL-H110Q QSYRGHLWL	267	205
>VHL-H110Q HSYRGHLW	10	>VHL-H110Q QSYRGHLW	13	3
>VHL-H110Q HSYRGHLWLI	19	>VHL-H110Q QSYRGHLWL	29	10
>VHL-H110Q HSYRGHLWLI	705	>VHL-H110Q QSYRGHLWL	357	348
>VHL-H110Q HSYRGHLWL	126	>VHL-H110Q QSYRGHLWL	121	5
>VHL-H110Q HSYRGHLWLI	55	>VHL-H110Q QSYRGHLWL	33	22
>VHL-H110Q HSYRGHLW	137	>VHL-H110Q QSYRGHLW	2676	2539
>VHL-H110Q HSYRGHLWLI	300	>VHL-H110Q QSYRGHLWL	108	192
>VHL-H110Q HSYRGHLWLI	46	>VHL-H110Q QSYRGHLWL	115	69
>VHL-H110Q HSYRGHLWL	153	>VHL-H110Q QSYRGHLWL	321	168
>VHL-H110Q IHSYRGHLWL	15853	>VHL-H110Q IQSYRGHLWL	95	15758
>VHL-H110Q IHSYRGHLWL	131	>VHL-H110Q IQSYRGHLWL	134	3
>VHL-H110Q IHSYRGHL	19724	>VHL-H110Q IQSYRGHL	242	19482
>VHL-H110Q IHSYRGHLWLI	17200	>VHL-H110Q IQSYRGHLWL	130	17070
>VHL-H110Q IHSYRGHL	1237	>VHL-H110Q IQSYRGHL	97	1140
>VHL-H110Q IHSYRGHLW	3314	>VHL-H110Q IQSYRGHLW	295	3019
>VHL-H110Q IHSYRGHLWLI	1296	>VHL-H110Q IQSYRGHLWL	107	1189
>VHL-H110Q IHSYRGHLWLI	91	>VHL-H110Q IQSYRGHLWL	8	83
>VHL-H110Q IHSYRGHLWLI	402	>VHL-H110Q IQSYRGHLWL	6374	5972
>VHL-H110Q RIHSYRGHL	336	>VHL-H110Q RIQSYRGHL	1091	755
>VHL-H110Q RIHSYRGHLV	414	>VHL-H110Q RIQSYRGHLV	564	150
>VHL-H110Q RIHSYRGHL	23	>VHL-H110Q RIQSYRGHL	866	843
>VHL-H110Q RIHSYRGHLV	21	>VHL-H110Q RIQSYRGHLV	758	737
>VHL-H110Q RIHSYRGHLV	117	>VHL-H110Q RIQSYRGHLV	148	31
>VHL-H110Q RIHSYRGHLV	50	>VHL-H110Q RIQSYRGHLV	31	19
>VHL-H110Q RIHSYRGHLV	940	>VHL-H110Q RIQSYRGHLV	243	697
>VHL-H110Q RIHSYRGHLV	74	>VHL-H110Q RIQSYRGHLV	169	95
>VHL-H110Q RRIHSYRGH	107	>VHL-H110Q RRIQSYRGH	518	411
>VHL-H110Q RRIHSYRGHL	52	>VHL-H110Q RRIQSYRGHL	173	121
>VHL-H110Q RRIHSYRGHL	119	>VHL-H110Q RRIQSYRGHL	351	232
>VHL-H110Q RRIHSYRGH	112	>VHL-H110Q RRIQSYRGH	111	1
>VHL-H110Q RRIHSYRGHL	9	>VHL-H110Q RRIQSYRGHL	8	1

>VHL-H110Q RRIHSYRGHL'	134	>VHL-H110Q RRIQSYRGHL'	126	8
>VHL-H110Q RRIHSYRG	99	>VHL-H110Q RRIQSYRG	57	42
>VHL-H110Q RRIHSYRGH	195	>VHL-H110Q RRIQSYRGH	190	5
>VHL-H110Q RRIHSYRGHL	21	>VHL-H110Q RRIQSYRGHL	11	10
>VHL-H110Q RRIHSYRGHL'	96	>VHL-H110Q RRIQSYRGHL'	91	5
>VHL-H110Q RRIHSYRGH	201	>VHL-H110Q RRIQSYRGH	141	60
>VHL-H110Q RRIHSYRGHL	18	>VHL-H110Q RRIQSYRGHL	10	8
>VHL-H110Q RRIHSYRGHL'	336	>VHL-H110Q RRIQSYRGHL'	229	107
>VHL-H110Q RRIHSYRGHL'	124	>VHL-H110Q RRIQSYRGHL'	212	88
>VHL-H110Q GRIHSYRGH	212	>VHL-H110Q GRIQSYRGH	223	11
>VHL-H110Q GRIHSYRGH	174	>VHL-H110Q GRIQSYRGH	234	60
>VHL-H110Q GRIHSYRGH	13	>VHL-H110Q GRIQSYRGH	32	19
>VHL-H110Q TGRIHSYR	148	>VHL-H110Q TGRIQSYR	655	507
>VHL-H110Q TGRIHSY	185	>VHL-H110Q TGRIQSY	748	563
>VHL-H110Q TGRIHSYR	14	>VHL-H110Q TGRIQSYR	27	13
>VHL-H110Q TGRIHSYR	104	>VHL-H110Q TGRIQSYR	192	88
>VHL-H110Q GTGRIHSYR	452	>VHL-H110Q GTGRIQSYR	960	508
>VHL-H110Q GTGRIHSY	415	>VHL-H110Q GTGRIQSY	1116	701
>VHL-H110Q GTGRIHSY	316	>VHL-H110Q GTGRIQSY	1872	1556
>VHL-H110Q GTGRIHSY	74	>VHL-H110Q GTGRIQSY	1183	1109
>VHL-H110Q GTGRIHSYR	38	>VHL-H110Q GTGRIQSYR	72	34
>VHL-H110Q GTGRIHSYR	117	>VHL-H110Q GTGRIQSYR	488	371
>VHL-H110Q GTGRIHSYR	245	>VHL-H110Q GTGRIQSYR	233	12
>VHL-H110Q GTGRIHSY	439	>VHL-H110Q GTGRIQSY	2156	1717
>VHL-H110Q GTGRIHSY	491	>VHL-H110Q GTGRIQSY	274	217
>VHL-H110Q GTGRIHSY	91	>VHL-H110Q GTGRIQSY	80	11
>VHL-H110Q GTGRIHSY	131	>VHL-H110Q GTGRIQSY	106	25
>VHL-H110Q GTGRIHSYR	400	>VHL-H110Q GTGRIQSYR	757	357
>VHL-H115D·HLWLFRDA	346	>VHL-H115D·DLWLFRDA	4949	4603
>VHL-H115D·RGHLWLFR	160	>VHL-H115D·RGDLWLFR	12438	12278
>VHL-H115D·RGHLWLFR	15	>VHL-H115D·RGDLWLFR	139	124
>VHL-H115D·RGHLWLFR	33	>VHL-H115D·RGDLWLFR	77	44
>VHL-H115D·YRGHLWLF	109	>VHL-H115D·YRGDLWLF	454	345
>VHL-H115D·YRGHLWLF	75	>VHL-H115D·YRGDLWLF	106	31
>VHL-H115D·YRGHLWLFR	66	>VHL-H115D·YRGDLWLFR	97	31
>VHL-H115D·YRGHLWLFR	44	>VHL-H115D·YRGDLWLFR	33	11
>VHL-H115D·SYRGHLWLF	32	>VHL-H115D·SYRGDLWLF	35	3
>VHL-H115D·SYRGHLWLF	24	>VHL-H115D·SYRGDLWLF	44	20
>VHL-H115D·SYRGHLWL	17	>VHL-H115D·SYRGDLWL	23	6
>VHL-H115D·SYRGHLWLF	5	>VHL-H115D·SYRGDLWLF	6	1
>VHL-H115D·SYRGHLWLF	351	>VHL-H115D·SYRGDLWLF	679	328
>VHL-H115D·SYRGHLWLF	96	>VHL-H115D·SYRGDLWLF	192	96
>VHL-H115D·SYRGHLWL	38	>VHL-H115D·SYRGDLWL	440	402

>VHL-H115D·SYRGHLWLFF	11	>VHL-H115D·SYRGDLWLFF	36	25
>VHL-H115D·SYRGHLWLFF	7	>VHL-H115D·SYRGDLWLFF	17	10
>VHL-H115D·SYRGHLWLFF	88	>VHL-H115D·SYRGDLWLFF	83	5
>VHL-H115D·SYRGHLWLFF	265	>VHL-H115D·SYRGDLWLFF	634	369
>VHL-H115D·SYRGHLWLFF	396	>VHL-H115D·SYRGDLWLFF	826	430
>VHL-H115D·SYRGHLWLFF	23	>VHL-H115D·SYRGDLWLFF	27	4
>VHL-H115D·SYRGHLWL	262	>VHL-H115D·SYRGDLWL	563	301
>VHL-H115D·SYRGHLWLFF	430	>VHL-H115D·SYRGDLWLFF	190	240
>VHL-H115D·SYRGHLWL	420	>VHL-H115D·SYRGDLWL	549	129
>VHL-H115D·SYRGHLWLF	277	>VHL-H115D·SYRGDLWLF	371	94
>VHL-H115D·SYRGHLWLFF	523	>VHL-H115D·SYRGDLWLFF	414	109
>VHL-H115D·HSYRGHLWLI	50	>VHL-H115D·HSYRGDLWLI	101	51
>VHL-H115D·HSYRGHLWLI	47	>VHL-H115D·HSYRGDLWLI	95	48
>VHL-H115D·HSYRGHLWLI	376	>VHL-H115D·HSYRGDLWLI	577	201
>VHL-H115D·HSYRGHLWLI	178	>VHL-H115D·HSYRGDLWLI	305	127
>VHL-H115D·HSYRGHLWL	93	>VHL-H115D·HSYRGDLWL	2204	2111
>VHL-H115D·HSYRGHLWLI	27	>VHL-H115D·HSYRGDLWLI	122	95
>VHL-H115D·HSYRGHLWLI	457	>VHL-H115D·HSYRGDLWLI	446	11
>VHL-H115D·HSYRGHLWLI	8	>VHL-H115D·HSYRGDLWLI	14	6
>VHL-H115D·HSYRGHLWLI	293	>VHL-H115D·HSYRGDLWLI	670	377
>VHL-H115D·HSYRGHLWLI	27	>VHL-H115D·HSYRGDLWLI	36	9
>VHL-H115D·HSYRGHLWLI	9	>VHL-H115D·HSYRGDLWLI	10	1
>VHL-H115D·HSYRGHLWLI	36	>VHL-H115D·HSYRGDLWLI	110	74
>VHL-H115D·HSYRGHLW	4	>VHL-H115D·HSYRGDLW	6	2
>VHL-H115D·HSYRGHLWL	5	>VHL-H115D·HSYRGDLWL	6	1
>VHL-H115D·HSYRGHLW	34	>VHL-H115D·HSYRGDLW	39	5
>VHL-H115D·HSYRGHLWLI	62	>VHL-H115D·HSYRGDLWLI	65	3
>VHL-H115D·HSYRGHLW	10	>VHL-H115D·HSYRGDLW	11	1
>VHL-H115D·HSYRGHLWL	339	>VHL-H115D·HSYRGDLWL	233	106
>VHL-H115D·HSYRGHLWLI	19	>VHL-H115D·HSYRGDLWLI	17	2
>VHL-H115D·HSYRGHLWL	126	>VHL-H115D·HSYRGDLWL	538	412
>VHL-H115D·HSYRGHLWLI	55	>VHL-H115D·HSYRGDLWLI	81	26
>VHL-H115D·HSYRGHLW	137	>VHL-H115D·HSYRGDLW	32	105
>VHL-H115D·HSYRGHLWLI	300	>VHL-H115D·HSYRGDLWLI	525	225
>VHL-H115D·HSYRGHLWLI	46	>VHL-H115D·HSYRGDLWLI	45	1
>VHL-H115D·HSYRGHLWL	153	>VHL-H115D·HSYRGDLWL	143	10
>VHL-H115D·IHSYRGHLWL	131	>VHL-H115D·IHSYRGDLWL	311	180
>VHL-H115D·IHSYRGHLWL	91	>VHL-H115D·IHSYRGDLWL	171	80
>VHL-H115D·IHSYRGHLW	25	>VHL-H115D·IHSYRGDLW	8	17
>VHL-H115D·IHSYRGHLWL	402	>VHL-H115D·IHSYRGDLWL	162	240
>VHL-H115D·RIHSYRGHL	336	>VHL-H115D·RIHSYRGDL	2092	1756
>VHL-H115D·RIHSYRGHLV	414	>VHL-H115D·RIHSYRGDLV	694	280
>VHL-H115D·RIHSYRGHL	23	>VHL-H115D·RIHSYRGDL	166	143

>VHL-H115D·RIHSYRGHLM	21	>VHL-H115D·RIHSYRGDLM	106	85
>VHL-H115D·RIHSYRGHLM	117	>VHL-H115D·RIHSYRGDLM	287	170
>VHL-H115D·RIHSYRGHLM	50	>VHL-H115D·RIHSYRGDLM	191	141
>VHL-H115D·RIHSYRGHLM	74	>VHL-H115D·RIHSYRGDLM	38	36
>VHL-H115D·RRIHSYRGH	107	>VHL-H115D·RRIHSYRGD	4933	4826
>VHL-H115D·RRIHSYRGHL	52	>VHL-H115D·RRIHSYRGDL	71	19
>VHL-H115D·RRIHSYRGHL'	119	>VHL-H115D·RRIHSYRGDL'	222	103
>VHL-H115D·RRIHSYRGH	112	>VHL-H115D·RRIHSYRGD	1484	1372
>VHL-H115D·RRIHSYRGHL	9	>VHL-H115D·RRIHSYRGDL	10	1
>VHL-H115D·RRIHSYRGHL'	134	>VHL-H115D·RRIHSYRGDL'	408	274
>VHL-H115D·RRIHSYRGHL	21	>VHL-H115D·RRIHSYRGDL	25	4
>VHL-H115D·RRIHSYRGHL'	96	>VHL-H115D·RRIHSYRGDL'	133	37
>VHL-H115D·RRIHSYRGH	201	>VHL-H115D·RRIHSYRGD	1191	990
>VHL-H115D·RRIHSYRGHL	18	>VHL-H115D·RRIHSYRGDL	21	3
>VHL-H115D·RRIHSYRGHL'	336	>VHL-H115D·RRIHSYRGDL'	531	195
>VHL-H115D·RRIHSYRGHL'	124	>VHL-H115D·RRIHSYRGDL'	38	86
>VHL-H115D·GRIHSYRGH	212	>VHL-H115D·GRIHSYRGD	1085	873
>VHL-H115D·GRIHSYRGH	174	>VHL-H115D·GRIHSYRGD	138	36
>VHL-H115D·GRIHSYRGH	13	>VHL-H115D·GRIHSYRGD	30	17
>VHL-H115N·HLWLFRDAG'	585	>VHL-H115N·NLWLFRDAG'	435	150
>VHL-H115N·HLWLFRDA	346	>VHL-H115N·NLWLFRDA	1560	1214
>VHL-H115N·RGHLWLFR	160	>VHL-H115N·RGNLWLFR	1517	1357
>VHL-H115N·RGHLWLFR	15	>VHL-H115N·RGNLWLFR	11	4
>VHL-H115N·RGHLWLFR	33	>VHL-H115N·RGNLWLFR	46	13
>VHL-H115N·YRGHLWLF	109	>VHL-H115N·YRGNLWLF	201	92
>VHL-H115N·YRGHLWLF	75	>VHL-H115N·YRGNLWLF	50	25
>VHL-H115N·YRGHLWLFR	66	>VHL-H115N·YRGNLWLFR	44	22
>VHL-H115N·YRGHLWLFR	44	>VHL-H115N·YRGNLWLFR	62	18
>VHL-H115N·SYRGHLWL	1728	>VHL-H115N·SYRGNLWL	126	1602
>VHL-H115N·SYRGHLWLF	32	>VHL-H115N·SYRGNLWLF	17	15
>VHL-H115N·SYRGHLWLF	24	>VHL-H115N·SYRGNLWLF	23	1
>VHL-H115N·SYRGHLWL	17	>VHL-H115N·SYRGNLWL	15	2
>VHL-H115N·SYRGHLWLF	5	>VHL-H115N·SYRGNLWLF	4	1
>VHL-H115N·SYRGHLWLF	351	>VHL-H115N·SYRGNLWLF	1385	1034
>VHL-H115N·SYRGHLWLF	96	>VHL-H115N·SYRGNLWLF	122	26
>VHL-H115N·SYRGHLWL	38	>VHL-H115N·SYRGNLWL	54	16
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>VHL-H115N·SYRGHLWLFF	7	>VHL-H115N·SYRGNLWLFF	8	1
>VHL-H115N·SYRGHLWLFF	88	>VHL-H115N·SYRGNLWLFF	56	32
>VHL-H115N·SYRGHLWLFF	265	>VHL-H115N·SYRGNLWLFF	544	279
>VHL-H115N·SYRGHLWLFF	396	>VHL-H115N·SYRGNLWLFF	653	257
>VHL-H115N·SYRGHLWLFF	23	>VHL-H115N·SYRGNLWLFF	22	1
>VHL-H115N·SYRGHLWL	262	>VHL-H115N·SYRGNLWL	370	108

>VHL-H115N SYRGHLWLF	430	>VHL-H115N SYRGNLWLF	172	258
>VHL-H115N SYRGHLWL	420	>VHL-H115N SYRGNLWL	337	83
>VHL-H115N SYRGHLWLF	277	>VHL-H115N SYRGNLWLF	179	98
>VHL-H115N SYRGHLWLF	523	>VHL-H115N SYRGNLWLF	233	290
>VHL-H115N HSYRGHLWLI	50	>VHL-H115N HSYRGNLWLI	55	5
>VHL-H115N HSYRGHLWLI	47	>VHL-H115N HSYRGNLWLI	51	4
>VHL-H115N HSYRGHLWLI	376	>VHL-H115N HSYRGNLWLI	410	34
>VHL-H115N HSYRGHLWLI	178	>VHL-H115N HSYRGNLWLI	349	171
>VHL-H115N HSYRGHLWL	93	>VHL-H115N HSYRGNLWL	332	239
>VHL-H115N HSYRGHLWLI	27	>VHL-H115N HSYRGNLWLI	45	18
>VHL-H115N HSYRGHLWLI	457	>VHL-H115N HSYRGNLWLI	239	218
>VHL-H115N HSYRGHLWLI	8	>VHL-H115N HSYRGNLWLI	11	3
>VHL-H115N HSYRGHLWLI	293	>VHL-H115N HSYRGNLWLI	251	42
>VHL-H115N HSYRGHLWLI	27	>VHL-H115N HSYRGNLWLI	31	4
>VHL-H115N HSYRGHLWLI	9	>VHL-H115N HSYRGNLWLI	9	0
>VHL-H115N HSYRGHLWLI	36	>VHL-H115N HSYRGNLWLI	41	5
>VHL-H115N HSYRGHLW	4	>VHL-H115N HSYRGNLW	5	1
>VHL-H115N HSYRGHLWL	5	>VHL-H115N HSYRGNLWL	7	2
>VHL-H115N HSYRGHLW	34	>VHL-H115N HSYRGNLW	38	4
>VHL-H115N HSYRGHLWLI	62	>VHL-H115N HSYRGNLWLI	83	21
>VHL-H115N HSYRGHLW	10	>VHL-H115N HSYRGNLW	12	2
>VHL-H115N HSYRGHLWL	339	>VHL-H115N HSYRGNLWL	553	214
>VHL-H115N HSYRGHLWLI	19	>VHL-H115N HSYRGNLWLI	19	0
>VHL-H115N HSYRGHLW	715	>VHL-H115N HSYRGNLW	168	547
>VHL-H115N HSYRGHLWL	126	>VHL-H115N HSYRGNLWL	169	43
>VHL-H115N HSYRGHLWLI	55	>VHL-H115N HSYRGNLWLI	60	5
>VHL-H115N HSYRGHLW	137	>VHL-H115N HSYRGNLW	106	31
>VHL-H115N HSYRGHLWLI	300	>VHL-H115N HSYRGNLWLI	440	140
>VHL-H115N HSYRGHLWLI	46	>VHL-H115N HSYRGNLWLI	50	4
>VHL-H115N HSYRGHLWL	153	>VHL-H115N HSYRGNLWL	140	13
>VHL-H115N IHSYRGHLWLI	131	>VHL-H115N IHSYRGNLWLI	171	40
>VHL-H115N IHSYRGHLWLI	91	>VHL-H115N IHSYRGNLWLI	88	3
>VHL-H115N IHSYRGHLW	25	>VHL-H115N IHSYRGNLW	20	5
>VHL-H115N IHSYRGHLWLI	402	>VHL-H115N IHSYRGNLWLI	363	39
>VHL-H115N RIHSYRGHL	336	>VHL-H115N RIHSYRGNL	976	640
>VHL-H115N RIHSYRGHLV	414	>VHL-H115N RIHSYRGNLV	570	156
>VHL-H115N RIHSYRGHL	23	>VHL-H115N RIHSYRGNL	29	6
>VHL-H115N RIHSYRGHLV	21	>VHL-H115N RIHSYRGNLV	32	11
>VHL-H115N RIHSYRGHLV	117	>VHL-H115N RIHSYRGNLV	260	143
>VHL-H115N RIHSYRGHLV	50	>VHL-H115N RIHSYRGNLV	174	124
>VHL-H115N RIHSYRGHLV	74	>VHL-H115N RIHSYRGNLV	65	9
>VHL-H115N RRIHSYRGH	107	>VHL-H115N RRIHSYRGN	1596	1489
>VHL-H115N RRIHSYRGHL	52	>VHL-H115N RRIHSYRGNL	48	4

>VHL-H115N RRIHSYRGHL'	119	>VHL-H115N RRIHSYRGNL'	97	22
>VHL-H115N RRIHSYRGH	112	>VHL-H115N RRIHSYRGN	562	450
>VHL-H115N RRIHSYRGHL	9	>VHL-H115N RRIHSYRGNL	9	0
>VHL-H115N RRIHSYRGHL'	134	>VHL-H115N RRIHSYRGNL'	391	257
>VHL-H115N RRIHSYRGHL	21	>VHL-H115N RRIHSYRGNL	28	7
>VHL-H115N RRIHSYRGHL'	96	>VHL-H115N RRIHSYRGNL'	105	9
>VHL-H115N RRIHSYRGH	201	>VHL-H115N RRIHSYRGN	325	124
>VHL-H115N RRIHSYRGHL	18	>VHL-H115N RRIHSYRGNL	22	4
>VHL-H115N RRIHSYRGHL'	336	>VHL-H115N RRIHSYRGNL'	334	2
>VHL-H115N RRIHSYRGHL'	124	>VHL-H115N RRIHSYRGNL'	98	26
>VHL-H115N GRIHSYRGH	212	>VHL-H115N GRIHSYRGN	291	79
>VHL-H115N GRIHSYRGH	174	>VHL-H115N GRIHSYRGN	182	8
>VHL-H115N GRIHSYRGH	13	>VHL-H115N GRIHSYRGN	19	6
>VHL-H115P-HLWLFDA	346	>VHL-H115P-PLWLFDA	2347	2001
>VHL-H115P-GHLWLFDA	20366	>VHL-H115P-GPLWLFDA	69	20297
>VHL-H115P-RGHLWLF	160	>VHL-H115P-RGPLWLF	8444	8284
>VHL-H115P-RGHLWLF	15	>VHL-H115P-RGPLWLF	103	88
>VHL-H115P-RGHLWLF	33	>VHL-H115P-RGPLWLF	36	3
>VHL-H115P-YRGHLWLF	109	>VHL-H115P-YRGPLWLF	274	165
>VHL-H115P-YRGHLWLF	75	>VHL-H115P-YRGPLWLF	124	49
>VHL-H115P-YRGHLWLF	66	>VHL-H115P-YRGPLWLF	99	33
>VHL-H115P-YRGHLWLF	1169	>VHL-H115P-YRGPLWLF	496	673
>VHL-H115P-YRGHLWLF	44	>VHL-H115P-YRGPLWLF	46	2
>VHL-H115P-SYRGHLWLF	32	>VHL-H115P-SYRGPLWLF	61	29
>VHL-H115P-SYRGHLWLF	24	>VHL-H115P-SYRGPLWLF	43	19
>VHL-H115P-SYRGHLWL	17	>VHL-H115P-SYRGPLWL	25	8
>VHL-H115P-SYRGHLWLF	5	>VHL-H115P-SYRGPLWLF	5	0
>VHL-H115P-SYRGHLWLF	351	>VHL-H115P-SYRGPLWLF	629	278
>VHL-H115P-SYRGHLWLF	96	>VHL-H115P-SYRGPLWLF	208	112
>VHL-H115P-SYRGHLWL	38	>VHL-H115P-SYRGPLWL	98	60
>VHL-H115P-SYRGHLWLF	11	>VHL-H115P-SYRGPLWLF	16	5
>VHL-H115P-SYRGHLWLF	7	>VHL-H115P-SYRGPLWLF	8	1
>VHL-H115P-SYRGHLWLF	88	>VHL-H115P-SYRGPLWLF	63	25
>VHL-H115P-SYRGHLWLF	2627	>VHL-H115P-SYRGPLWLF	405	2222
>VHL-H115P-SYRGHLWLF	265	>VHL-H115P-SYRGPLWLF	296	31
>VHL-H115P-SYRGHLWLF	396	>VHL-H115P-SYRGPLWLF	1208	812
>VHL-H115P-SYRGHLWLF	23	>VHL-H115P-SYRGPLWLF	23	0
>VHL-H115P-SYRGHLWL	262	>VHL-H115P-SYRGPLWL	312	50
>VHL-H115P-SYRGHLWLF	430	>VHL-H115P-SYRGPLWLF	259	171
>VHL-H115P-SYRGHLWL	420	>VHL-H115P-SYRGPLWL	309	111
>VHL-H115P-SYRGHLWLF	277	>VHL-H115P-SYRGPLWLF	150	127
>VHL-H115P-SYRGHLWLF	523	>VHL-H115P-SYRGPLWLF	158	365
>VHL-H115P-HSYRGHLWLI	50	>VHL-H115P-HSYRGPLWLI	48	2

>VHL-H115P- HSYRGHLWLI	47	>VHL-H115P- HSYRGPLWLF	47	0
>VHL-H115P- HSYRGHLWLI	376	>VHL-H115P- HSYRGPLWLF	726	350
>VHL-H115P- HSYRGHLWLI	178	>VHL-H115P- HSYRGPLWLF	303	125
>VHL-H115P- HSYRGHLWL	93	>VHL-H115P- HSYRGPLWL	392	299
>VHL-H115P- HSYRGHLWLI	27	>VHL-H115P- HSYRGPLWLF	47	20
>VHL-H115P- HSYRGHLWLI	457	>VHL-H115P- HSYRGPLWLF	679	222
>VHL-H115P- HSYRGHLWLI	8	>VHL-H115P- HSYRGPLWLF	13	5
>VHL-H115P- HSYRGHLWLI	293	>VHL-H115P- HSYRGPLWLF	285	8
>VHL-H115P- HSYRGHLWLI	27	>VHL-H115P- HSYRGPLWLF	40	13
>VHL-H115P- HSYRGHLWLI	9	>VHL-H115P- HSYRGPLWLF	12	3
>VHL-H115P- HSYRGHLWLI	36	>VHL-H115P- HSYRGPLWLF	36	0
>VHL-H115P- HSYRGHLW	4	>VHL-H115P- HSYRGPLW	4	0
>VHL-H115P- HSYRGHLWL	5	>VHL-H115P- HSYRGPLWL	6	1
>VHL-H115P- HSYRGHLW	34	>VHL-H115P- HSYRGPLW	38	4
>VHL-H115P- HSYRGHLWLI	62	>VHL-H115P- HSYRGPLWLF	62	0
>VHL-H115P- HSYRGHLW	10	>VHL-H115P- HSYRGPLW	10	0
>VHL-H115P- HSYRGHLWL	339	>VHL-H115P- HSYRGPLWL	178	161
>VHL-H115P- HSYRGHLWLI	19	>VHL-H115P- HSYRGPLWLF	17	2
>VHL-H115P- HSYRGHLWL	126	>VHL-H115P- HSYRGPLWL	364	238
>VHL-H115P- HSYRGHLWLI	55	>VHL-H115P- HSYRGPLWLF	49	6
>VHL-H115P- HSYRGHLW	137	>VHL-H115P- HSYRGPLW	129	8
>VHL-H115P- HSYRGHLWLI	300	>VHL-H115P- HSYRGPLWLF	236	64
>VHL-H115P- HSYRGHLWLI	46	>VHL-H115P- HSYRGPLWLF	45	1
>VHL-H115P- HSYRGHLWL	153	>VHL-H115P- HSYRGPLWL	156	3
>VHL-H115P- IHSYRGHLWL	131	>VHL-H115P- IHSYRGPLWL	228	97
>VHL-H115P- IHSYRGHLWL	91	>VHL-H115P- IHSYRGPLWL	90	1
>VHL-H115P- IHSYRGHLW	25	>VHL-H115P- IHSYRGPLW	18	7
>VHL-H115P- IHSYRGHLWLI	402	>VHL-H115P- IHSYRGPLWL	504	102
>VHL-H115P- RIHSYRGHL	336	>VHL-H115P- RIHSYRGPL	345	9
>VHL-H115P- RIHSYRGHL	1605	>VHL-H115P- RIHSYRGPL	387	1218
>VHL-H115P- RIHSYRGHLV	903	>VHL-H115P- RIHSYRGPLW	380	523
>VHL-H115P- RIHSYRGHLV	414	>VHL-H115P- RIHSYRGPLW	548	134
>VHL-H115P- RIHSYRGHL	23	>VHL-H115P- RIHSYRGPL	14	9
>VHL-H115P- RIHSYRGHLV	21	>VHL-H115P- RIHSYRGPLW	31	10
>VHL-H115P- RIHSYRGHL	1210	>VHL-H115P- RIHSYRGPL	111	1099
>VHL-H115P- RIHSYRGHL	877	>VHL-H115P- RIHSYRGPL	350	527
>VHL-H115P- RIHSYRGHLV	117	>VHL-H115P- RIHSYRGPLW	250	133
>VHL-H115P- RIHSYRGHLV	50	>VHL-H115P- RIHSYRGPLW	90	40
>VHL-H115P- RIHSYRGHLV	74	>VHL-H115P- RIHSYRGPLW	203	129
>VHL-H115P- RRIHSYRGH	107	>VHL-H115P- RRIHSYRGP	413	306
>VHL-H115P- RRIHSYRGHL	52	>VHL-H115P- RRIHSYRGPL	27	25
>VHL-H115P- RRIHSYRGHL'	119	>VHL-H115P- RRIHSYRGPL\	102	17
>VHL-H115P- RRIHSYRGH	112	>VHL-H115P- RRIHSYRGP	688	576



>VHL-H115P- RRIHSYRGHL	9	>VHL-H115P- RRIHSYRGPL	10	1
>VHL-H115P- RRIHSYRGHL'	134	>VHL-H115P- RRIHSYRGPL\	305	171
>VHL-H115P- RRIHSYRGHL	3099	>VHL-H115P- RRIHSYRGPL	251	2848
>VHL-H115P- RRIHSYRGHL	21	>VHL-H115P- RRIHSYRGPL	26	5
>VHL-H115P- RRIHSYRGHL'	96	>VHL-H115P- RRIHSYRGPL\	82	14
>VHL-H115P- RRIHSYRGH	201	>VHL-H115P- RRIHSYRGP	732	531
>VHL-H115P- RRIHSYRGHL	18	>VHL-H115P- RRIHSYRGPL	24	6
>VHL-H115P- RRIHSYRGHL'	336	>VHL-H115P- RRIHSYRGPL\	302	34
>VHL-H115P- RRIHSYRGHL'	124	>VHL-H115P- RRIHSYRGPL\	99	25
>VHL-H115P- GRIHSYRGH	212	>VHL-H115P- GRIHSYRGP	185	27
>VHL-H115P- GRIHSYRGH	174	>VHL-H115P- GRIHSYRGP	137	37
>VHL-H115P- GRIHSYRGH	13	>VHL-H115P- GRIHSYRGP	19	6
>VHL-H115Y- HLWLFDA	2632	>VHL-H115Y- YLWLFDA	81	2551
>VHL-H115Y- HLWLFDA'	1468	>VHL-H115Y- YLWLFDA'	74	1394
>VHL-H115Y- HLWLFDA'	666	>VHL-H115Y- YLWLFDA'	80	586
>VHL-H115Y- HLWLFDA	3928	>VHL-H115Y- YLWLFDA	306	3622
>VHL-H115Y- HLWLFDA'	585	>VHL-H115Y- YLWLFDA'	59	526
>VHL-H115Y- HLWLFDA'	3314	>VHL-H115Y- YLWLFDA'	194	3120
>VHL-H115Y- HLWLFDA	1175	>VHL-H115Y- YLWLFDA	25	1150
>VHL-H115Y- HLWLFDA'	1311	>VHL-H115Y- YLWLFDA'	30	1281
>VHL-H115Y- HLWLFDA	4824	>VHL-H115Y- YLWLFDA	261	4563
>VHL-H115Y- HLWLFDA'	3148	>VHL-H115Y- YLWLFDA'	285	2863
>VHL-H115Y- HLWLFDA	1111	>VHL-H115Y- YLWLFDA	38	1073
>VHL-H115Y- HLWLFDA'	2889	>VHL-H115Y- YLWLFDA'	112	2777
>VHL-H115Y- HLWLFDA'	8884	>VHL-H115Y- YLWLFDA'	212	8672
>VHL-H115Y- HLWLFDA	346	>VHL-H115Y- YLWLFDA	15	331
>VHL-H115Y- HLWLFDA'	596	>VHL-H115Y- YLWLFDA'	24	572
>VHL-H115Y- GHLWLFDA	10743	>VHL-H115Y- GYLWLFDA	222	10521
>VHL-H115Y- TGRIHSYRG	3086	>VHL-H115Y- TGRIHSYRG	282	2804
>VHL-H115Y- RGHLWLF	4363	>VHL-H115Y- RGYLWLF	404	3959
>VHL-H115Y- RGHLWLF	2228	>VHL-H115Y- RGYLWLF	302	1926
>VHL-H115Y- RGHLWLF	160	>VHL-H115Y- RGYLWLF	1502	1342
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>VHL-H115Y- RGHLWLF	33	>VHL-H115Y- RGYLWLF	24	9
>VHL-H115Y- YRGHLWLF	109	>VHL-H115Y- YRGYLWLF	145	36
>VHL-H115Y- YRGHLWLF	75	>VHL-H115Y- YRGYLWLF	68	7
>VHL-H115Y- YRGHLWLF	66	>VHL-H115Y- YRGYLWLF	63	3
>VHL-H115Y- YRGHLWLF	44	>VHL-H115Y- YRGYLWLF	58	14
>VHL-H115Y- SYRGHLWLF	32	>VHL-H115Y- SYRGYLWLF	23	9
>VHL-H115Y- SYRGHLWL	650	>VHL-H115Y- SYRGYLWL	451	199
>VHL-H115Y- SYRGHLWLF	24	>VHL-H115Y- SYRGYLWLF	21	3
>VHL-H115Y- SYRGHLWL	17	>VHL-H115Y- SYRGYLWL	12	5
>VHL-H115Y- SYRGHLWLF	5	>VHL-H115Y- SYRGYLWLF	6	1

>VHL-H115Y-SYRGHLWLF	351	>VHL-H115Y-SYRGYLWLF	1408	1057
>VHL-H115Y-SYRGHLWLF	96	>VHL-H115Y-SYRGYLWLF	111	15
>VHL-H115Y-SYRGHLWL	38	>VHL-H115Y-SYRGYLWL	46	8
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>VHL-H115Y-SYRGHLWLFF	7	>VHL-H115Y-SYRGYLWLFR	6	1
>VHL-H115Y-SYRGHLWLFF	88	>VHL-H115Y-SYRGYLWLFR	34	54
>VHL-H115Y-SYRGHLWLFF	265	>VHL-H115Y-SYRGYLWLFR	199	66
>VHL-H115Y-SYRGHLWLFF	396	>VHL-H115Y-SYRGYLWLFR	529	133
>VHL-H115Y-SYRGHLWLFF	23	>VHL-H115Y-SYRGYLWLFR	24	1
>VHL-H115Y-SYRGHLWL	262	>VHL-H115Y-SYRGYLWL	229	33
>VHL-H115Y-SYRGHLWLFF	430	>VHL-H115Y-SYRGYLWLFR	164	266
>VHL-H115Y-SYRGHLWL	420	>VHL-H115Y-SYRGYLWL	264	156
>VHL-H115Y-SYRGHLWLF	277	>VHL-H115Y-SYRGYLWLF	115	162
>VHL-H115Y-SYRGHLWLFF	523	>VHL-H115Y-SYRGYLWLFR	360	163
>VHL-H115Y-HSYRGHLWL	522	>VHL-H115Y-HSYRGYLWL	71	451
>VHL-H115Y-HSYRGHLWLI	50	>VHL-H115Y-HSYRGYLWLF	50	0
>VHL-H115Y-HSYRGHLWLI	47	>VHL-H115Y-HSYRGYLWLF	38	9
>VHL-H115Y-HSYRGHLWLI	376	>VHL-H115Y-HSYRGYLWLF	154	222
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>VHL-H115Y-HSYRGHLWL	93	>VHL-H115Y-HSYRGYLWL	160	67
>VHL-H115Y-HSYRGHLWLI	27	>VHL-H115Y-HSYRGYLWLF	33	6
>VHL-H115Y-HSYRGHLWLI	457	>VHL-H115Y-HSYRGYLWLF	449	8
>VHL-H115Y-HSYRGHLWLI	8	>VHL-H115Y-HSYRGYLWLF	8	0
>VHL-H115Y-HSYRGHLWLI	293	>VHL-H115Y-HSYRGYLWLF	612	319
>VHL-H115Y-HSYRGHLWLI	27	>VHL-H115Y-HSYRGYLWLF	26	1
>VHL-H115Y-HSYRGHLWLI	9	>VHL-H115Y-HSYRGYLWLF	9	0
>VHL-H115Y-HSYRGHLWLI	36	>VHL-H115Y-HSYRGYLWLF	26	10
>VHL-H115Y-HSYRGHLW	4	>VHL-H115Y-HSYRGYLW	5	1
>VHL-H115Y-HSYRGHLWL	5	>VHL-H115Y-HSYRGYLWL	8	3
>VHL-H115Y-HSYRGHLW	34	>VHL-H115Y-HSYRGYLW	37	3
>VHL-H115Y-HSYRGHLWLI	62	>VHL-H115Y-HSYRGYLWLF	72	10
>VHL-H115Y-HSYRGHLW	10	>VHL-H115Y-HSYRGYLW	10	0
>VHL-H115Y-HSYRGHLWL	339	>VHL-H115Y-HSYRGYLWL	192	147
>VHL-H115Y-HSYRGHLWLI	19	>VHL-H115Y-HSYRGYLWLF	17	2
>VHL-H115Y-HSYRGHLWL	126	>VHL-H115Y-HSYRGYLWL	224	98
>VHL-H115Y-HSYRGHLWLI	55	>VHL-H115Y-HSYRGYLWLF	70	15
>VHL-H115Y-HSYRGHLW	755	>VHL-H115Y-HSYRGYLW	388	367
>VHL-H115Y-HSYRGHLWL	790	>VHL-H115Y-HSYRGYLWL	380	410
>VHL-H115Y-HSYRGHLW	137	>VHL-H115Y-HSYRGYLW	71	66
>VHL-H115Y-HSYRGHLWLI	300	>VHL-H115Y-HSYRGYLWLF	282	18
>VHL-H115Y-HSYRGHLWLI	46	>VHL-H115Y-HSYRGYLWLF	59	13
>VHL-H115Y-HSYRGHLWL	153	>VHL-H115Y-HSYRGYLWL	79	74
>VHL-H115Y-IHSYRGHLWL	131	>VHL-H115Y-IHSYRGYLWL	114	17

>VHL-H115Y-IHSYRGHLWL	91	>VHL-H115Y-IHSYRGYLWL	69	22
>VHL-H115Y-IHSYRGHLW	25	>VHL-H115Y-IHSYRGYLW	11	14
>VHL-H115Y-IHSYRGHLWL	402	>VHL-H115Y-IHSYRGYLWL	193	209
>VHL-H115Y-RIHSYRGHL	336	>VHL-H115Y-RIHSYRGYL	805	469
>VHL-H115Y-RIHSYRGHLV	903	>VHL-H115Y-RIHSYRGYLW	329	574
>VHL-H115Y-RIHSYRGHL	4518	>VHL-H115Y-RIHSYRGYL	460	4058
>VHL-H115Y-RIHSYRGHLV	414	>VHL-H115Y-RIHSYRGYLW	347	67
>VHL-H115Y-RIHSYRGH	2103	>VHL-H115Y-RIHSYRGY	452	1651
>VHL-H115Y-RIHSYRGH	1112	>VHL-H115Y-RIHSYRGY	102	1010
>VHL-H115Y-RIHSYRGHL	23	>VHL-H115Y-RIHSYRGYL	13	10
>VHL-H115Y-RIHSYRGHLV	21	>VHL-H115Y-RIHSYRGYLW	22	1
>VHL-H115Y-RIHSYRGH	9360	>VHL-H115Y-RIHSYRGY	93	9267
>VHL-H115Y-RIHSYRGHL	922	>VHL-H115Y-RIHSYRGYL	286	636
>VHL-H115Y-RIHSYRGHLV	1987	>VHL-H115Y-RIHSYRGYLW	498	1489
>VHL-H115Y-RIHSYRGH	19490	>VHL-H115Y-RIHSYRGY	433	19057
>VHL-H115Y-RIHSYRGH	8809	>VHL-H115Y-RIHSYRGY	120	8689
>VHL-H115Y-RIHSYRGH	6464	>VHL-H115Y-RIHSYRGY	272	6192
>VHL-H115Y-RIHSYRGH	16400	>VHL-H115Y-RIHSYRGY	169	16231
>VHL-H115Y-RIHSYRGHLV	117	>VHL-H115Y-RIHSYRGYLW	116	1
>VHL-H115Y-RIHSYRGHLV	50	>VHL-H115Y-RIHSYRGYLW	61	11
>VHL-H115Y-RIHSYRGHLV	74	>VHL-H115Y-RIHSYRGYLW	55	19
>VHL-H115Y-RRHSYRGH	107	>VHL-H115Y-RRHSYRGY	6	101
>VHL-H115Y-RRHSYRGHL	52	>VHL-H115Y-RRHSYRGYL	48	4
>VHL-H115Y-RRHSYRGHL'	119	>VHL-H115Y-RRHSYRGYL\	105	14
>VHL-H115Y-RRHSYRGH	112	>VHL-H115Y-RRHSYRGY	70	42
>VHL-H115Y-RRHSYRGHL	9	>VHL-H115Y-RRHSYRGYL	9	0
>VHL-H115Y-RRHSYRGHL'	134	>VHL-H115Y-RRHSYRGYL\	159	25
>VHL-H115Y-RRHSYRGHL	21	>VHL-H115Y-RRHSYRGYL	20	1
>VHL-H115Y-RRHSYRGHL'	96	>VHL-H115Y-RRHSYRGYL\	108	12
>VHL-H115Y-RRHSYRGH	201	>VHL-H115Y-RRHSYRGY	115	86
>VHL-H115Y-RRHSYRGHL	18	>VHL-H115Y-RRHSYRGYL	16	2
>VHL-H115Y-RRHSYRGHL'	336	>VHL-H115Y-RRHSYRGYL\	500	164
>VHL-H115Y-RRHSYRGHL'	124	>VHL-H115Y-RRHSYRGYL\	61	63
>VHL-H115Y-GRRHSYRGH	4898	>VHL-H115Y-GRRHSYRGY	312	4586
>VHL-H115Y-GRRHSYRGH	730	>VHL-H115Y-GRRHSYRGY	53	677
>VHL-H115Y-GRRHSYRGH	212	>VHL-H115Y-GRRHSYRGY	394	182
>VHL-H115Y-GRRHSYRGH	174	>VHL-H115Y-GRRHSYRGY	134	40
>VHL-H115Y-GRRHSYRGH	13	>VHL-H115Y-GRRHSYRGY	15	2
>VHL-I109N-IHSYRGHLWL	131	>VHL-I109N-IHSYRGHLW	613	482
>VHL-I109N-IHSYRGHLWL	91	>VHL-I109N-IHSYRGHLW	1003	912
>VHL-I109N-IHSYRGHLWL	848	>VHL-I109N-IHSYRGHLW	272	576
>VHL-I109N-IHSYRGHLWL	2292	>VHL-I109N-IHSYRGHLW	232	2060
>VHL-I109N-IHSYRGHLWL	402	>VHL-I109N-IHSYRGHLW	3858	3456

>VHL-I109N- RIHSYRGHL	336	>VHL-I109N- RNHSYRGHL	337	1
>VHL-I109N- RIHSYRGHLM	414	>VHL-I109N- RNHSYRGHL\	26439	26025
>VHL-I109N- RIHSYRGHL	23	>VHL-I109N- RNHSYRGHL	270	247
>VHL-I109N- RIHSYRGHLM	21	>VHL-I109N- RNHSYRGHL\	245	224
>VHL-I109N- RIHSYRGHLM	117	>VHL-I109N- RNHSYRGHL\	484	367
>VHL-I109N- RIHSYRGHLM	50	>VHL-I109N- RNHSYRGHL\	399	349
>VHL-I109N- RIHSYRGHLM	1751	>VHL-I109N- RNHSYRGHL\	351	1400
>VHL-I109N- RIHSYRGHLM	940	>VHL-I109N- RNHSYRGHL\	431	509
>VHL-I109N- RIHSYRGHLM	74	>VHL-I109N- RNHSYRGHL\	78	4
>VHL-I109N- PTLPPGTGRR	139	>VHL-I109N- PTLPPGTGRR	36606	36467
>VHL-I109N- RRIHSYRGH	107	>VHL-I109N- RRNHSYRGH	201	94
>VHL-I109N- RRIHSYRGHL	52	>VHL-I109N- RRNHSYRGHI	81	29
>VHL-I109N- RRIHSYRGHL'	119	>VHL-I109N- RRNHSYRGHI	196	77
>VHL-I109N- RRIHSYRGH	112	>VHL-I109N- RRNHSYRGH	212	100
>VHL-I109N- RRIHSYRGHL	9	>VHL-I109N- RRNHSYRGHI	13	4
>VHL-I109N- RRIHSYRGHL'	134	>VHL-I109N- RRNHSYRGHI	306	172
>VHL-I109N- RRIHSYRG	99	>VHL-I109N- RRNHSYRG	124	25
>VHL-I109N- RRIHSYRGH	195	>VHL-I109N- RRNHSYRGH	402	207
>VHL-I109N- RRIHSYRGHL	21	>VHL-I109N- RRNHSYRGHI	31	10
>VHL-I109N- RRIHSYRGHL'	96	>VHL-I109N- RRNHSYRGHI	167	71
>VHL-I109N- RRIHSYRGH	201	>VHL-I109N- RRNHSYRGH	432	231
>VHL-I109N- RRIHSYRGHL	18	>VHL-I109N- RRNHSYRGHI	23	5
>VHL-I109N- RRIHSYRGHL'	336	>VHL-I109N- RRNHSYRGHI	643	307
>VHL-I109N- RRIHSYRGHL'	124	>VHL-I109N- RRNHSYRGHI	145	21
>VHL-I109N- GRRHSYRGH	212	>VHL-I109N- GRRNHSYRG	147	65
>VHL-I109N- GRRHSYRGH	174	>VHL-I109N- GRRNHSYRG	197	23
>VHL-I109N- GRRHSYRGH	13	>VHL-I109N- GRRNHSYRG	16	3
>VHL-I109N- TGRRHSYR	148	>VHL-I109N- TGRRNHSYR	90	58
>VHL-I109N- TGRRHSY	185	>VHL-I109N- TGRRNHSY	218	33
>VHL-I109N- TGRRHSYR	14	>VHL-I109N- TGRRNHSYR	27	13
>VHL-I109N- TGRRHSYR	104	>VHL-I109N- TGRRNHSYR	375	271
>VHL-I109N- GTGRRHSYR	452	>VHL-I109N- GTGRRNHSYI	1035	583
>VHL-I109N- GTGRRHSY	415	>VHL-I109N- GTGRRNHSY	2688	2273
>VHL-I109N- GTGRRHSY	722	>VHL-I109N- GTGRRNHSY	332	390
>VHL-I109N- GTGRRHSY	316	>VHL-I109N- GTGRRNHSY	282	34
>VHL-I109N- GTGRRHSY	74	>VHL-I109N- GTGRRNHSY	46	28
>VHL-I109N- GTGRRHSYR	38	>VHL-I109N- GTGRRNHSYI	112	74
>VHL-I109N- GTGRRHSYR	117	>VHL-I109N- GTGRRNHSYI	577	460
>VHL-I109N- GTGRRHSYR	245	>VHL-I109N- GTGRRNHSYI	850	605
>VHL-I109N- GTGRRHSY	439	>VHL-I109N- GTGRRNHSY	674	235
>VHL-I109N- GTGRRHSY	491	>VHL-I109N- GTGRRNHSY	549	58
>VHL-I109N- GTGRRHSY	91	>VHL-I109N- GTGRRNHSY	131	40
>VHL-I109N- GTGRRHSY	131	>VHL-I109N- GTGRRNHSY	74	57

>VHL-I109N-v GTGRRIHYSYR	400	>VHL-I109N-f GTGRRNHSYI	508	108
>VHL-I109N-v LPPGTGRRR	158	>VHL-I109N-f LPPGTGRRN	19092	18934
>VHL-I109N-v TLPPGTGRRR	214	>VHL-I109N-f TLPPGTGRRN	17346	17132
>VHL-I109N-v TLPPGTGRRR	83	>VHL-I109N-f TLPPGTGRRN	14597	14514
>VHL-I109S-v IHSYRGHLWL	131	>VHL-I109S-r SHSYRGHLW	348	217
>VHL-I109S-v IHSYRGHLWL	91	>VHL-I109S-r SHSYRGHLW	262	171
>VHL-I109S-v IHSYRGHLWL	848	>VHL-I109S-r SHSYRGHLW	427	421
>VHL-I109S-v IHSYRGHLWL	2292	>VHL-I109S-r SHSYRGHLW	465	1827
>VHL-I109S-v IHSYRGHLWL	402	>VHL-I109S-r SHSYRGHLW	4529	4127
>VHL-I109S-v RIHSYRGHL	336	>VHL-I109S-r RSHSYRGHL	233	103
>VHL-I109S-v RIHSYRGHLV	414	>VHL-I109S-r RSHSYRGHLV	21191	20777
>VHL-I109S-v RIHSYRGH	1112	>VHL-I109S-r RSHSYRGH	421	691
>VHL-I109S-v RIHSYRGHL	23	>VHL-I109S-r RSHSYRGHL	12	11
>VHL-I109S-v RIHSYRGHLV	21	>VHL-I109S-r RSHSYRGHLV	12	9
>VHL-I109S-v RIHSYRGHL	2162	>VHL-I109S-r RSHSYRGHL	490	1672
>VHL-I109S-v RIHSYRGH	16400	>VHL-I109S-r RSHSYRGH	378	16022
>VHL-I109S-v RIHSYRGHL	4901	>VHL-I109S-r RSHSYRGHL	17	4884
>VHL-I109S-v RIHSYRGHLV	705	>VHL-I109S-r RSHSYRGHLV	6	699
>VHL-I109S-v RIHSYRGHLV	117	>VHL-I109S-r RSHSYRGHLV	34	83
>VHL-I109S-v RIHSYRGHLV	50	>VHL-I109S-r RSHSYRGHLV	12	38
>VHL-I109S-v RIHSYRGHLV	8213	>VHL-I109S-r RSHSYRGHLV	412	7801
>VHL-I109S-v RIHSYRGHL	5454	>VHL-I109S-r RSHSYRGHL	449	5005
>VHL-I109S-v RIHSYRGHLV	1214	>VHL-I109S-r RSHSYRGHLV	89	1125
>VHL-I109S-v RIHSYRGHLV	74	>VHL-I109S-r RSHSYRGHLV	57	17
>VHL-I109S-v RIHSYRGHL	5239	>VHL-I109S-r RSHSYRGHL	69	5170
>VHL-I109S-v RIHSYRGHLV	6447	>VHL-I109S-r RSHSYRGHLV	132	6315
>VHL-I109S-v PTLPPGTGRR	139	>VHL-I109S-r PTLPPGTGRR	31731	31592
>VHL-I109S-v RRIHSYRGH	107	>VHL-I109S-r RRSYRGH	191	84
>VHL-I109S-v RRIHSYRGHL	52	>VHL-I109S-r RRSYRGHL	80	28
>VHL-I109S-v RRIHSYRGHL'	119	>VHL-I109S-r RRSYRGHL	176	57
>VHL-I109S-v RRIHSYRGH	112	>VHL-I109S-r RRSYRGH	267	155
>VHL-I109S-v RRIHSYRGHL	9	>VHL-I109S-r RRSYRGHL	17	8
>VHL-I109S-v RRIHSYRGHL'	134	>VHL-I109S-r RRSYRGHL	380	246
>VHL-I109S-v RRIHSYRG	99	>VHL-I109S-r RRSYRG	401	302
>VHL-I109S-v RRIHSYRGH	195	>VHL-I109S-r RRSYRGH	374	179
>VHL-I109S-v RRIHSYRGHL	21	>VHL-I109S-r RRSYRGHL	42	21
>VHL-I109S-v RRIHSYRGHL'	96	>VHL-I109S-r RRSYRGHL	160	64
>VHL-I109S-v RRIHSYRGH	201	>VHL-I109S-r RRSYRGH	348	147
>VHL-I109S-v RRIHSYRGHL	18	>VHL-I109S-r RRSYRGHL	29	11
>VHL-I109S-v RRIHSYRGHL'	336	>VHL-I109S-r RRSYRGHL	544	208
>VHL-I109S-v RRIHSYRGHL'	124	>VHL-I109S-r RRSYRGHL	33	91
>VHL-I109S-v GRRIHYSYRGH	212	>VHL-I109S-r GRRSHSYRGH	163	49
>VHL-I109S-v GRRIHYSYRGH	174	>VHL-I109S-r GRRSHSYRGH	168	6

>VHL-I109S- $\nu$ GRRIHSYRGH	13	>VHL-I109S-r GRRSHSYRGH	20	7
>VHL-I109S- $\nu$ TGRRIHSHY	1160	>VHL-I109S-r TGRRSHSY	455	705
>VHL-I109S- $\nu$ TGRRIHSHY	148	>VHL-I109S-r TGRRSHSYR	55	93
>VHL-I109S- $\nu$ TGRRIHSHY	185	>VHL-I109S-r TGRRSHSY	301	116
>VHL-I109S- $\nu$ TGRRIHSHY	14	>VHL-I109S-r TGRRSHSYR	24	10
>VHL-I109S- $\nu$ TGRRIHSHY	104	>VHL-I109S-r TGRRSHSYR	277	173
>VHL-I109S- $\nu$ TGRRIHSHY	819	>VHL-I109S-r TGRRSHSY	267	552
>VHL-I109S- $\nu$ TGRRIHSHY	1595	>VHL-I109S-r TGRRSHSY	387	1208
>VHL-I109S- $\nu$ TGRRIHSHY	1951	>VHL-I109S-r TGRRSHSY	491	1460
>VHL-I109S- $\nu$ GTGRRIHSHYR	452	>VHL-I109S-r GTGRRSHSYF	598	146
>VHL-I109S- $\nu$ GTGRRIHSHY	415	>VHL-I109S-r GTGRRSHSY	3887	3472
>VHL-I109S- $\nu$ GTGRRIHSHY	316	>VHL-I109S-r GTGRRSHSY	143	173
>VHL-I109S- $\nu$ GTGRRIHSHY	74	>VHL-I109S-r GTGRRSHSY	62	12
>VHL-I109S- $\nu$ GTGRRIHSHYR	38	>VHL-I109S-r GTGRRSHSYF	59	21
>VHL-I109S- $\nu$ GTGRRIHSHYR	117	>VHL-I109S-r GTGRRSHSYF	197	80
>VHL-I109S- $\nu$ GTGRRIHSHYR	245	>VHL-I109S-r GTGRRSHSYF	516	271
>VHL-I109S- $\nu$ GTGRRIHSHY	439	>VHL-I109S-r GTGRRSHSY	169	270
>VHL-I109S- $\nu$ GTGRRIHSHY	491	>VHL-I109S-r GTGRRSHSY	179	312
>VHL-I109S- $\nu$ GTGRRIHSHY	91	>VHL-I109S-r GTGRRSHSY	47	44
>VHL-I109S- $\nu$ GTGRRIHSHY	131	>VHL-I109S-r GTGRRSHSY	65	66
>VHL-I109S- $\nu$ GTGRRIHSHYR	400	>VHL-I109S-r GTGRRSHSYF	394	6
>VHL-I109S- $\nu$ LPPGTGRRRI	158	>VHL-I109S-r LPPGTGRRS	11605	11447
>VHL-I109S- $\nu$ TLPPGTGRRRI	214	>VHL-I109S-r TLPPGTGRRS	11128	10914
>VHL-I109S- $\nu$ TLPPGTGRRRI	83	>VHL-I109S-r TLPPGTGRRS	6473	6390
>VHL-I151F- $\nu$ ITLPVYTL	202	>VHL-I151F-r FTLPVYTL	1539	1337
>VHL-I151F- $\nu$ ITLPVYTL	273	>VHL-I151F-r FTLPVYTL	33	240
>VHL-I151F- $\nu$ ITLPVYTL	614	>VHL-I151F-r FTLPVYTL	55	559
>VHL-I151F- $\nu$ ITLPVYTL	2623	>VHL-I151F-r FTLPVYTL	383	2240
>VHL-I151F- $\nu$ ITLPVYTL	54	>VHL-I151F-r FTLPVYTL	7	47
>VHL-I151F- $\nu$ ITLPVYTL	21	>VHL-I151F-r FTLPVYTL	5	16
>VHL-I151F- $\nu$ ITLPVYTL	408	>VHL-I151F-r FTLPVYTL	31	377
>VHL-I151F- $\nu$ ITLPVYTL	307	>VHL-I151F-r FTLPVYTL	23	284
>VHL-I151F- $\nu$ ITLPVYTL	958	>VHL-I151F-r FTLPVYTL	217	741
>VHL-I151F- $\nu$ ITLPVYTL	841	>VHL-I151F-r FTLPVYTL	60	781
>VHL-I151F- $\nu$ ITLPVYTLK	50	>VHL-I151F-r FTLPVYTLK	149	99
>VHL-I151F- $\nu$ ITLPVYTLK	9	>VHL-I151F-r FTLPVYTLK	13	4
>VHL-I151F- $\nu$ ITLPVYTLKER	348	>VHL-I151F-r FTLPVYTLKEF	1220	872
>VHL-I151F- $\nu$ ITLPVYTL	1149	>VHL-I151F-r FTLPVYTL	115	1034
>VHL-I151F- $\nu$ ITLPVYTLK	45	>VHL-I151F-r FTLPVYTLK	1135	1090
>VHL-I151F- $\nu$ ITLPVYTLK	30	>VHL-I151F-r FTLPVYTLK	227	197
>VHL-I151F- $\nu$ ITLPVYTLKER	20	>VHL-I151F-r FTLPVYTLKEF	108	88
>VHL-I151F- $\nu$ ITLPVYTL	68	>VHL-I151F-r FTLPVYTL	251	183
>VHL-I151F- $\nu$ ITLPVYTLK	351	>VHL-I151F-r FTLPVYTLK	343	8

>VHL-I151F-vITLPVYTLKER	115	>VHL-I151F-rFTLPVYTLKER	130	15
>VHL-I151F-vITLPVYTLK	21	>VHL-I151F-rFTLPVYTLK	9	12
>VHL-I151F-vITLPVYTLKER	40	>VHL-I151F-rFTLPVYTLKER	18	22
>VHL-I151F-vITLPVYTL	248	>VHL-I151F-rFTLPVYTL	21	227
>VHL-I151F-vITLPVYTL	263	>VHL-I151F-rFTLPVYTL	16	247
>VHL-I151F-vITLPVYTL	587	>VHL-I151F-rFTLPVYTL	348	239
>VHL-I151F-vITLPVYTL	6	>VHL-I151F-rFTLPVYTL	17	11
>VHL-I151F-vITLPVYTL	7745	>VHL-I151F-rFTLPVYTL	423	7322
>VHL-I151F-vITLPVYTL	185	>VHL-I151F-rFTLPVYTL	2295	2110
>VHL-I151F-vITLPVYTL	70	>VHL-I151F-rFTLPVYTL	157	87
>VHL-I151F-vITLPVYTL	143	>VHL-I151F-rFTLPVYTL	72	71
>VHL-I151F-vITLPVYTLK	144	>VHL-I151F-rFTLPVYTLK	192	48
>VHL-I151F-vITLPVYTLKER	394	>VHL-I151F-rFTLPVYTLKER	1136	742
>VHL-I151F-vITLPVYTL	96	>VHL-I151F-rFTLPVYTL	52	44
>VHL-I151F-vNITLPVYTLK	194	>VHL-I151F-rNFTLPVYTLK	929	735
>VHL-I151F-vNITLPVYTLK	45	>VHL-I151F-rNFTLPVYTLK	375	330
>VHL-I151F-vNITLPVYTL	19217	>VHL-I151F-rNFTLPVYTL	462	18755
>VHL-I151F-vNITLPVYTLK	24	>VHL-I151F-rNFTLPVYTLK	68	44
>VHL-I151F-vNITLPVYTL	70	>VHL-I151F-rNFTLPVYTL	6799	6729
>VHL-I151F-vNVDGQPIFAN	253	>VHL-I151F-rNVDGQPIFAN	11924	11671
>VHL-I151F-vNVDGQPIFAN	61	>VHL-I151F-rNVDGQPIFAN	8526	8465
>VHL-I151F-vANITLPVYTL	411	>VHL-I151F-rANFTLPVYTL	161	250
>VHL-I151F-vANITLPVYTLK	232	>VHL-I151F-rANFTLPVYTLI	56	176
>VHL-I151F-vANITLPVY	253	>VHL-I151F-rANFTLPVY	8906	8653
>VHL-I151F-vANITLPVY	682	>VHL-I151F-rANFTLPVY	405	277
>VHL-I151F-vANITLPVY	453	>VHL-I151F-rANFTLPVY	243	210
>VHL-I151F-vANITLPVYTL	928	>VHL-I151F-rANFTLPVYTL	128	800
>VHL-I151F-vANITLPVY	481	>VHL-I151F-rANFTLPVY	76	405
>VHL-I151F-vANITLPVYTL	1524	>VHL-I151F-rANFTLPVYTL	299	1225
>VHL-I151F-vANITLPVYTL	564	>VHL-I151F-rANFTLPVYTL	444	120
>VHL-I151F-vANITLPVYTLK	1036	>VHL-I151F-rANFTLPVYTLI	365	671
>VHL-I151F-vFANITLPVYTL	351	>VHL-I151F-rFANFTLPVYTLI	699	348
>VHL-I151F-vFANITLPV	136	>VHL-I151F-rFANFTLPV	65	71
>VHL-I151F-vFANITLPVYTL	689	>VHL-I151F-rFANFTLPVYTLI	384	305
>VHL-I151F-vFANITLPV	82	>VHL-I151F-rFANFTLPV	44	38
>VHL-I151F-vFANITLPVYTL	156	>VHL-I151F-rFANFTLPVYTLI	75	81
>VHL-I151F-vFANITLPV	19	>VHL-I151F-rFANFTLPV	10	9
>VHL-I151F-vFANITLPVYTL	482	>VHL-I151F-rFANFTLPVYTLI	176	306
>VHL-I151F-vFANITLPV	12	>VHL-I151F-rFANFTLPV	11	1
>VHL-I151F-vFANITLPVYT	292	>VHL-I151F-rFANFTLPVYT	539	247
>VHL-I151F-vFANITLPVYTL	203	>VHL-I151F-rFANFTLPVYTLI	142	61
>VHL-I151F-vFANITLPV	31	>VHL-I151F-rFANFTLPV	31	0
>VHL-I151F-vFANITLPVYTL	87	>VHL-I151F-rFANFTLPVYTLI	104	17

>VHL-I151F-v FANITLPV	705	>VHL-I151F-r FANFTLPV	391	314
>VHL-I151F-v FANITLPVYTL	920	>VHL-I151F-r FANFTLPVYTL	497	423
>VHL-I151F-v FANITLPV	114	>VHL-I151F-r FANFTLPV	176	62
>VHL-I151F-v FANITLPV	1084	>VHL-I151F-r FANFTLPV	341	743
>VHL-I151F-v FANITLPVYTL	1706	>VHL-I151F-r FANFTLPVYTL	351	1355
>VHL-I151F-v FANITLPV	25	>VHL-I151F-r FANFTLPV	41	16
>VHL-I151F-v FANITLPVYTL	407	>VHL-I151F-r FANFTLPVYTL	651	244
>VHL-I151F-v FANITLPVY	243	>VHL-I151F-r FANFTLPVY	83	160
>VHL-I151F-v FANITLPVY	71	>VHL-I151F-r FANFTLPVY	55	16
>VHL-I151F-v FANITLPV	96	>VHL-I151F-r FANFTLPV	36	60
>VHL-I151F-v FANITLPVYTL	644	>VHL-I151F-r FANFTLPVYTL	234	410
>VHL-I151F-v FANITLPV	24	>VHL-I151F-r FANFTLPV	17	7
>VHL-I151F-v FANITLPVYTL	413	>VHL-I151F-r FANFTLPVYTL	251	162
>VHL-I151F-v FANITLPVY	114	>VHL-I151F-r FANFTLPVY	75	39
>VHL-I151F-v FANITLPVY	170	>VHL-I151F-r FANFTLPVY	110	60
>VHL-I151F-v FANITLPVY	14	>VHL-I151F-r FANFTLPVY	33	19
>VHL-I151F-v FANITLPVYTL	63	>VHL-I151F-r FANFTLPVYTL	153	90
>VHL-I151F-v FANITLPVY	26	>VHL-I151F-r FANFTLPVY	24	2
>VHL-I151F-v FANITLPVYTL	278	>VHL-I151F-r FANFTLPVYTL	206	72
>VHL-I151F-v FANITLPVY	375	>VHL-I151F-r FANFTLPVY	542	167
>VHL-I151F-v FANITLPVY	134	>VHL-I151F-r FANFTLPVY	241	107
>VHL-I151F-v FANITLPVYTL	160	>VHL-I151F-r FANFTLPVYTL	269	109
>VHL-I151F-v FANITLPV	89	>VHL-I151F-r FANFTLPV	169	80
>VHL-I151F-v FANITLPVY	103	>VHL-I151F-r FANFTLPVY	135	32
>VHL-I151F-v FANITLPVYTL	310	>VHL-I151F-r FANFTLPVYTL	512	202
>VHL-I151F-v FANITLPVY	582	>VHL-I151F-r FANFTLPVY	223	359
>VHL-I151F-v IFANITLPV	35	>VHL-I151F-r IFANFTLPV	55	20
>VHL-I151F-v IFANITLPV	478	>VHL-I151F-r IFANFTLPV	702	224
>VHL-I151F-v IFANITLPVY	52	>VHL-I151F-r IFANFTLPVY	41	11
>VHL-I151F-v IFANITLPVY	87	>VHL-I151F-r IFANFTLPVY	68	19
>VHL-I151F-v IFANITLPVY	137	>VHL-I151F-r IFANFTLPVY	155	18
>VHL-I151F-v IFANITLPVY	1038	>VHL-I151F-r IFANFTLPVY	458	580
>VHL-I151F-v PIFANITL	1078	>VHL-I151F-r PIFANFTL	477	601
>VHL-I151F-v PIFANITLPV	393	>VHL-I151F-r PIFANFTLPV	404	11
>VHL-I151F-v PIFANITLPV	79	>VHL-I151F-r PIFANFTLPV	90	11
>VHL-I151F-v PIFANITL	323	>VHL-I151F-r PIFANFTL	326	3
>VHL-I151F-v PIFANITLPV	21	>VHL-I151F-r PIFANFTLPV	34	13
>VHL-I151F-v PIFANITLPV	76	>VHL-I151F-r PIFANFTLPV	139	63
>VHL-I151F-v PIFANITL	341	>VHL-I151F-r PIFANFTL	287	54
>VHL-I151F-v PIFANITLPV	25	>VHL-I151F-r PIFANFTLPV	32	7
>VHL-I151F-v PIFANITLPVY	135	>VHL-I151F-r PIFANFTLPVY	66	69
>VHL-I151F-v PIFANITLPVY	195	>VHL-I151F-r PIFANFTLPVY	164	31
>VHL-I151F-v PIFANITL	336	>VHL-I151F-r PIFANFTL	224	112



>VHL-I151F-v PIFANITLPV	218	>VHL-I151F-r PIFANFTLPV	100	118
>VHL-I151F-v QPIFANITL	10	>VHL-I151F-r QPIFANFTL	6	4
>VHL-I151F-v QPIFANITLPV	151	>VHL-I151F-r QPIFANFTLPV	142	9
>VHL-I151F-v QPIFANITL	1406	>VHL-I151F-r QPIFANFTL	489	917
>VHL-I151F-v QPIFANITLPV	72	>VHL-I151F-r QPIFANFTLPV	41	31
>VHL-I151F-v QPIFANITL	393	>VHL-I151F-r QPIFANFTL	436	43
>VHL-I151F-v QPIFANITLPV	157	>VHL-I151F-r QPIFANFTLPV	161	4
>VHL-I151F-v QPIFANITL	51	>VHL-I151F-r QPIFANFTL	58	7
>VHL-I151F-v QPIFANITLPV	148	>VHL-I151F-r QPIFANFTLPV	154	6
>VHL-I151F-v QPIFANITL	118	>VHL-I151F-r QPIFANFTL	122	4
>VHL-I151F-v QPIFANITL	373	>VHL-I151F-r QPIFANFTL	116	257
>VHL-I151F-v QPIFANITLPV	204	>VHL-I151F-r QPIFANFTLPV	198	6
>VHL-I151F-v GQPIFANI	412	>VHL-I151F-r GQPIFANF	3903	3491
>VHL-I151F-v GQPIFANITL	236	>VHL-I151F-r GQPIFANFTL	101	135
>VHL-I151F-v GQPIFANI	241	>VHL-I151F-r GQPIFANF	1774	1533
>VHL-I151F-v GQPIFANITL	430	>VHL-I151F-r GQPIFANFTL	288	142
>VHL-I151F-v GQPIFANI	2819	>VHL-I151F-r GQPIFANF	87	2732
>VHL-I151F-v GQPIFANITL	674	>VHL-I151F-r GQPIFANFTL	438	236
>VHL-I151F-v VDGQPIFANI	444	>VHL-I151F-r VDGQPIFANF	20215	19771
>VHL-I151M- ITLPVYTL	202	>VHL-I151M- MTLPVYTL	808	606
>VHL-I151M- ITLPVYTL	273	>VHL-I151M- MTLPVYTL	77	196
>VHL-I151M- ITLPVYTL	614	>VHL-I151M- MTLPVYTL	147	467
>VHL-I151M- ITLPVYTL	54	>VHL-I151M- MTLPVYTL	19	35
>VHL-I151M- ITLPVYTL	21	>VHL-I151M- MTLPVYTL	11	10
>VHL-I151M- ITLPVYTL	408	>VHL-I151M- MTLPVYTL	151	257
>VHL-I151M- ITLPVYTL	307	>VHL-I151M- MTLPVYTL	145	162
>VHL-I151M- ITLPVYTL	841	>VHL-I151M- MTLPVYTL	247	594
>VHL-I151M- ITLPVYTLK	50	>VHL-I151M- MTLPVYTLK	45	5
>VHL-I151M- ITLPVYTLK	9	>VHL-I151M- MTLPVYTLK	7	2
>VHL-I151M- ITLPVYTLKER	348	>VHL-I151M- MTLPVYTLKE	125	223
>VHL-I151M- ITLPVYTL	1149	>VHL-I151M- MTLPVYTL	166	983
>VHL-I151M- ITLPVYTLK	45	>VHL-I151M- MTLPVYTLK	12	33
>VHL-I151M- ITLPVYTLK	30	>VHL-I151M- MTLPVYTLK	13	17
>VHL-I151M- ITLPVYTLKER	20	>VHL-I151M- MTLPVYTLKE	11	9
>VHL-I151M- ITLPVYTL	68	>VHL-I151M- MTLPVYTL	43	25
>VHL-I151M- ITLPVYTLK	351	>VHL-I151M- MTLPVYTLK	136	215
>VHL-I151M- ITLPVYTLKER	115	>VHL-I151M- MTLPVYTLKE	47	68
>VHL-I151M- ITLPVYTLK	21	>VHL-I151M- MTLPVYTLK	5	16
>VHL-I151M- ITLPVYTLKER	40	>VHL-I151M- MTLPVYTLKE	7	33
>VHL-I151M- ITLPVYTL	248	>VHL-I151M- MTLPVYTL	9	239
>VHL-I151M- ITLPVYTL	263	>VHL-I151M- MTLPVYTL	20	243
>VHL-I151M- ITLPVYTL	587	>VHL-I151M- MTLPVYTL	381	206
>VHL-I151M- ITLPVYTL	6	>VHL-I151M- MTLPVYTL	9	3

>VHL-I151M- ITLPVYTL	185	>VHL-I151M- MTLPVYTL	306	121
>VHL-I151M- ITLPVYTL	70	>VHL-I151M- MTLPVYTL	41	29
>VHL-I151M- ITLPVYTL	143	>VHL-I151M- MTLPVYTL	117	26
>VHL-I151M- ITLPVYTLK	144	>VHL-I151M- MTLPVYTLK	175	31
>VHL-I151M- ITLPVYTLKER	394	>VHL-I151M- MTLPVYTLKE	620	226
>VHL-I151M- ITLPVYTL	96	>VHL-I151M- MTLPVYTL	49	47
>VHL-I151M- NITLPVYTL	3507	>VHL-I151M- NMTLPVYTL	271	3236
>VHL-I151M- NITLPVYTL	1345	>VHL-I151M- NMTLPVYTL	151	1194
>VHL-I151M- NITLPVYTL	2887	>VHL-I151M- NMTLPVYTL	449	2438
>VHL-I151M- NITLPVYTL	1468	>VHL-I151M- NMTLPVYTL	19	1449
>VHL-I151M- NITLPVYTL	1608	>VHL-I151M- NMTLPVYTL	12	1596
>VHL-I151M- NITLPVYTL	6078	>VHL-I151M- NMTLPVYTL	164	5914
>VHL-I151M- NITLPVYTL	2431	>VHL-I151M- NMTLPVYTL	25	2406
>VHL-I151M- NITLPVYTL	3295	>VHL-I151M- NMTLPVYTL	55	3240
>VHL-I151M- NITLPVYTLK	194	>VHL-I151M- NMTLPVYTLK	111	83
>VHL-I151M- NITLPVYTLK	45	>VHL-I151M- NMTLPVYTLK	52	7
>VHL-I151M- NITLPVYTLK	24	>VHL-I151M- NMTLPVYTLK	45	21
>VHL-I151M- NITLPVYTL	70	>VHL-I151M- NMTLPVYTL	701	631
>VHL-I151M- NITLPVYTL	3918	>VHL-I151M- NMTLPVYTL	391	3527
>VHL-I151M- NVDGQPIFAM	253	>VHL-I151M- NVDGQPIFAM	2161	1908
>VHL-I151M- NVDGQPIFAM	61	>VHL-I151M- NVDGQPIFAM	143	82
>VHL-I151M- ANITLPVYTL	411	>VHL-I151M- ANMTLPVYTI	97	314
>VHL-I151M- ANITLPVYTLK	232	>VHL-I151M- ANMTLPVYTI	53	179
>VHL-I151M- ANITLPVY	253	>VHL-I151M- ANMTLPVY	1527	1274
>VHL-I151M- ANITLPVY	453	>VHL-I151M- ANMTLPVY	362	91
>VHL-I151M- ANITLPVYTL	928	>VHL-I151M- ANMTLPVYTI	265	663
>VHL-I151M- ANITLPVY	481	>VHL-I151M- ANMTLPVY	228	253
>VHL-I151M- ANITLPVYTL	564	>VHL-I151M- ANMTLPVYTI	188	376
>VHL-I151M- FANITLPVYTL	351	>VHL-I151M- FANMTLPVYTI	270	81
>VHL-I151M- FANITLPV	136	>VHL-I151M- FANMTLPV	94	42
>VHL-I151M- FANITLPVYTL	689	>VHL-I151M- FANMTLPVYTI	471	218
>VHL-I151M- FANITLPV	82	>VHL-I151M- FANMTLPV	107	25
>VHL-I151M- FANITLPVYTL	156	>VHL-I151M- FANMTLPVYTI	157	1
>VHL-I151M- FANITLPV	19	>VHL-I151M- FANMTLPV	12	7
>VHL-I151M- FANITLPVYTL	482	>VHL-I151M- FANMTLPVYTI	256	226
>VHL-I151M- FANITLPV	12	>VHL-I151M- FANMTLPV	11	1
>VHL-I151M- FANITLPVYTL	292	>VHL-I151M- FANMTLPVYTI	293	1
>VHL-I151M- FANITLPVYTL	203	>VHL-I151M- FANMTLPVYTI	135	68
>VHL-I151M- FANITLPV	31	>VHL-I151M- FANMTLPV	37	6
>VHL-I151M- FANITLPVYTL	87	>VHL-I151M- FANMTLPVYTI	87	0
>VHL-I151M- FANITLPV	114	>VHL-I151M- FANMTLPV	139	25
>VHL-I151M- FANITLPV	25	>VHL-I151M- FANMTLPV	18	7
>VHL-I151M- FANITLPVYTL	407	>VHL-I151M- FANMTLPVYTI	260	147

>VHL-I151M- FANITLPVY	243	>VHL-I151M- FANMTLPVY	311	68
>VHL-I151M- FANITLPVY	71	>VHL-I151M- FANMTLPVY	83	12
>VHL-I151M- FANITLPV	96	>VHL-I151M- FANMTLPV	110	14
>VHL-I151M- FANITLPV	24	>VHL-I151M- FANMTLPV	41	17
>VHL-I151M- FANITLPVYTL	413	>VHL-I151M- FANMTLPVYTL	604	191
>VHL-I151M- FANITLPVY	114	>VHL-I151M- FANMTLPVY	63	51
>VHL-I151M- FANITLPVY	170	>VHL-I151M- FANMTLPVY	55	115
>VHL-I151M- FANITLPVYTL	859	>VHL-I151M- FANMTLPVYTL	341	518
>VHL-I151M- FANITLPVY	14	>VHL-I151M- FANMTLPVY	22	8
>VHL-I151M- FANITLPVYTL	63	>VHL-I151M- FANMTLPVYTL	95	32
>VHL-I151M- FANITLPVY	26	>VHL-I151M- FANMTLPVY	21	5
>VHL-I151M- FANITLPVYTL	278	>VHL-I151M- FANMTLPVYTL	183	95
>VHL-I151M- FANITLPVYTL	806	>VHL-I151M- FANMTLPVYTL	478	328
>VHL-I151M- FANITLPVY	375	>VHL-I151M- FANMTLPVY	496	121
>VHL-I151M- FANITLPVY	134	>VHL-I151M- FANMTLPVY	189	55
>VHL-I151M- FANITLPVYTL	160	>VHL-I151M- FANMTLPVYTL	210	50
>VHL-I151M- FANITLPV	89	>VHL-I151M- FANMTLPV	186	97
>VHL-I151M- FANITLPVY	103	>VHL-I151M- FANMTLPVY	102	1
>VHL-I151M- FANITLPVYTL	603	>VHL-I151M- FANMTLPVYTL	483	120
>VHL-I151M- FANITLPVYTL	310	>VHL-I151M- FANMTLPVYTL	257	53
>VHL-I151M- FANITLPVY	582	>VHL-I151M- FANMTLPVY	306	276
>VHL-I151M- IFANITLPVY	711	>VHL-I151M- IFANMTLPVY	485	226
>VHL-I151M- IFANITLPV	35	>VHL-I151M- IFANMTLPV	219	184
>VHL-I151M- IFANITLPV	638	>VHL-I151M- IFANMTLPV	462	176
>VHL-I151M- IFANITLPV	478	>VHL-I151M- IFANMTLPV	714	236
>VHL-I151M- IFANITLPVY	52	>VHL-I151M- IFANMTLPVY	54	2
>VHL-I151M- IFANITLPVY	87	>VHL-I151M- IFANMTLPVY	79	8
>VHL-I151M- IFANITLPVY	137	>VHL-I151M- IFANMTLPVY	210	73
>VHL-I151M- PIFANITLPV	393	>VHL-I151M- PIFANMTLPV	455	62
>VHL-I151M- PIFANITLPV	79	>VHL-I151M- PIFANMTLPV	88	9
>VHL-I151M- PIFANITL	323	>VHL-I151M- PIFANMTL	924	601
>VHL-I151M- PIFANITLPV	21	>VHL-I151M- PIFANMTLPV	71	50
>VHL-I151M- PIFANITLPV	76	>VHL-I151M- PIFANMTLPV	181	105
>VHL-I151M- PIFANITL	341	>VHL-I151M- PIFANMTL	553	212
>VHL-I151M- PIFANITLPV	25	>VHL-I151M- PIFANMTLPV	40	15
>VHL-I151M- PIFANITLPVY	1082	>VHL-I151M- PIFANMTLPVY	443	639
>VHL-I151M- PIFANITLPVY	135	>VHL-I151M- PIFANMTLPVY	97	38
>VHL-I151M- PIFANITLPVY	195	>VHL-I151M- PIFANMTLPVY	152	43
>VHL-I151M- PIFANITL	336	>VHL-I151M- PIFANMTL	380	44
>VHL-I151M- PIFANITLPV	218	>VHL-I151M- PIFANMTLPV	218	0
>VHL-I151M- QPIFANITL	10	>VHL-I151M- QPIFANMTL	32	22
>VHL-I151M- QPIFANITLPV	151	>VHL-I151M- QPIFANMTLF	208	57
>VHL-I151M- QPIFANITLPV	72	>VHL-I151M- QPIFANMTLF	93	21

>VHL-I151M-QPIFANITL	393	>VHL-I151M-QPIFANMTL	246	147
>VHL-I151M-QPIFANITLPV	157	>VHL-I151M-QPIFANMTLF	106	51
>VHL-I151M-QPIFANITL	51	>VHL-I151M-QPIFANMTL	113	62
>VHL-I151M-QPIFANITLPV	148	>VHL-I151M-QPIFANMTLF	192	44
>VHL-I151M-QPIFANITL	118	>VHL-I151M-QPIFANMTL	157	39
>VHL-I151M-QPIFANITL	373	>VHL-I151M-QPIFANMTL	361	12
>VHL-I151M-QPIFANITLPV	204	>VHL-I151M-QPIFANMTLF	233	29
>VHL-I151M-GQPIFANI	412	>VHL-I151M-GQPIFANM	190	222
>VHL-I151M-GQPIFANITL	236	>VHL-I151M-GQPIFANMTI	123	113
>VHL-I151M-GQPIFANI	241	>VHL-I151M-GQPIFANM	1365	1124
>VHL-I151M-GQPIFANITL	430	>VHL-I151M-GQPIFANMTI	287	143
>VHL-I151M-VDGQPIFANI	444	>VHL-I151M-VDGQPIFANM	9355	8911
>VHL-I151N-ITLPVYTL	202	>VHL-I151N-INTLPVYTL	7750	7548
>VHL-I151N-ITLPVYTL	273	>VHL-I151N-INTLPVYTL	1252	979
>VHL-I151N-ITLPVYTL	54	>VHL-I151N-INTLPVYTL	156	102
>VHL-I151N-ITLPVYTL	21	>VHL-I151N-INTLPVYTL	146	125
>VHL-I151N-ITLPVYTL	408	>VHL-I151N-INTLPVYTL	542	134
>VHL-I151N-ITLPVYTL	307	>VHL-I151N-INTLPVYTL	1442	1135
>VHL-I151N-ITLPVYTLK	50	>VHL-I151N-INTLPVYTLK	254	204
>VHL-I151N-ITLPVYTLK	9	>VHL-I151N-INTLPVYTLK	19	10
>VHL-I151N-ITLPVYTLKER	348	>VHL-I151N-INTLPVYTLKEI	1835	1487
>VHL-I151N-ITLPVYTLK	45	>VHL-I151N-INTLPVYTLK	834	789
>VHL-I151N-ITLPVYTLK	30	>VHL-I151N-INTLPVYTLK	151	121
>VHL-I151N-ITLPVYTLKER	20	>VHL-I151N-INTLPVYTLKEI	79	59
>VHL-I151N-ITLPVYTL	68	>VHL-I151N-INTLPVYTL	302	234
>VHL-I151N-ITLPVYTLK	351	>VHL-I151N-INTLPVYTLK	167	184
>VHL-I151N-ITLPVYTLKER	115	>VHL-I151N-INTLPVYTLKEI	71	44
>VHL-I151N-ITLPVYTLK	21	>VHL-I151N-INTLPVYTLK	11	10
>VHL-I151N-ITLPVYTLKER	40	>VHL-I151N-INTLPVYTLKEI	21	19
>VHL-I151N-ITLPVYTL	248	>VHL-I151N-INTLPVYTL	25	223
>VHL-I151N-ITLPVYTL	263	>VHL-I151N-INTLPVYTL	22	241
>VHL-I151N-ITLPVYTL	6	>VHL-I151N-INTLPVYTL	105	99
>VHL-I151N-ITLPVYTL	185	>VHL-I151N-INTLPVYTL	5667	5482
>VHL-I151N-ITLPVYTL	70	>VHL-I151N-INTLPVYTL	4782	4712
>VHL-I151N-ITLPVYTL	143	>VHL-I151N-INTLPVYTL	1431	1288
>VHL-I151N-ITLPVYTLK	144	>VHL-I151N-INTLPVYTLK	1588	1444
>VHL-I151N-ITLPVYTLKER	394	>VHL-I151N-INTLPVYTLKEI	983	589
>VHL-I151N-ITLPVYTL	96	>VHL-I151N-INTLPVYTL	359	263
>VHL-I151N-NITLPVYTLK	194	>VHL-I151N-INNTLPVYTLK	7699	7505
>VHL-I151N-NITLPVYTLK	45	>VHL-I151N-INNTLPVYTLK	4083	4038
>VHL-I151N-NITLPVYTLK	24	>VHL-I151N-INNTLPVYTLK	740	716
>VHL-I151N-NITLPVYTL	70	>VHL-I151N-INNTLPVYTL	1442	1372
>VHL-I151N-NVDGQPIFANI	253	>VHL-I151N-INVDGQPIFANI	15807	15554

>VHL-I151N-·NVDGQPIFAM	61	>VHL-I151N-·NVDGQPIFAM	13214	13153
>VHL-I151N-·ANITLPVYTL	411	>VHL-I151N-·ANNTLPVYTL	1564	1153
>VHL-I151N-·ANITLPVYTLK	232	>VHL-I151N-·ANNTLPVYTL	225	7
>VHL-I151N-·ANITLPVY	253	>VHL-I151N-·ANNTLPVY	7032	6779
>VHL-I151N-·ANITLPVY	453	>VHL-I151N-·ANNTLPVY	252	201
>VHL-I151N-·ANITLPVY	481	>VHL-I151N-·ANNTLPVY	828	347
>VHL-I151N-·FANITLPVYTL	351	>VHL-I151N-·FANNTLPVYT	931	580
>VHL-I151N-·FANITLPV	136	>VHL-I151N-·FANNTLPV	65	71
>VHL-I151N-·FANITLPVYTL	689	>VHL-I151N-·FANNTLPVYT	299	390
>VHL-I151N-·FANITLPV	82	>VHL-I151N-·FANNTLPV	70	12
>VHL-I151N-·FANITLPVYTL	156	>VHL-I151N-·FANNTLPVYT	86	70
>VHL-I151N-·FANITLPV	19	>VHL-I151N-·FANNTLPV	9	10
>VHL-I151N-·FANITLPVYT	585	>VHL-I151N-·FANNTLPVYT	297	288
>VHL-I151N-·FANITLPVYTL	482	>VHL-I151N-·FANNTLPVYT	160	322
>VHL-I151N-·FANITLPV	12	>VHL-I151N-·FANNTLPV	7	5
>VHL-I151N-·FANITLPVYT	292	>VHL-I151N-·FANNTLPVYT	261	31
>VHL-I151N-·FANITLPVYTL	203	>VHL-I151N-·FANNTLPVYT	55	148
>VHL-I151N-·FANITLPV	31	>VHL-I151N-·FANNTLPV	16	15
>VHL-I151N-·FANITLPVYTL	87	>VHL-I151N-·FANNTLPVYT	45	42
>VHL-I151N-·FANITLPV	705	>VHL-I151N-·FANNTLPV	136	569
>VHL-I151N-·FANITLPVYTL	920	>VHL-I151N-·FANNTLPVYT	209	711
>VHL-I151N-·FANITLPV	114	>VHL-I151N-·FANNTLPV	78	36
>VHL-I151N-·FANITLPV	1084	>VHL-I151N-·FANNTLPV	379	705
>VHL-I151N-·FANITLPVYTL	1706	>VHL-I151N-·FANNTLPVYT	369	1337
>VHL-I151N-·FANITLPV	25	>VHL-I151N-·FANNTLPV	14	11
>VHL-I151N-·FANITLPVYTL	407	>VHL-I151N-·FANNTLPVYT	219	188
>VHL-I151N-·FANITLPVY	243	>VHL-I151N-·FANNTLPVY	209	34
>VHL-I151N-·FANITLPVY	71	>VHL-I151N-·FANNTLPVY	65	6
>VHL-I151N-·FANITLPV	96	>VHL-I151N-·FANNTLPV	77	19
>VHL-I151N-·FANITLPVYTL	644	>VHL-I151N-·FANNTLPVYT	481	163
>VHL-I151N-·FANITLPV	24	>VHL-I151N-·FANNTLPV	21	3
>VHL-I151N-·FANITLPVYTL	413	>VHL-I151N-·FANNTLPVYT	286	127
>VHL-I151N-·FANITLPVY	114	>VHL-I151N-·FANNTLPVY	57	57
>VHL-I151N-·FANITLPV	1516	>VHL-I151N-·FANNTLPV	426	1090
>VHL-I151N-·FANITLPVY	170	>VHL-I151N-·FANNTLPVY	31	139
>VHL-I151N-·FANITLPVYTL	859	>VHL-I151N-·FANNTLPVYT	232	627
>VHL-I151N-·FANITLPVY	14	>VHL-I151N-·FANNTLPVY	43	29
>VHL-I151N-·FANITLPVYTL	63	>VHL-I151N-·FANNTLPVYT	166	103
>VHL-I151N-·FANITLPVY	26	>VHL-I151N-·FANNTLPVY	22	4
>VHL-I151N-·FANITLPVYTL	278	>VHL-I151N-·FANNTLPVYT	205	73
>VHL-I151N-·FANITLPVYTL	806	>VHL-I151N-·FANNTLPVYT	373	433
>VHL-I151N-·FANITLPV	939	>VHL-I151N-·FANNTLPV	282	657
>VHL-I151N-·FANITLPVY	375	>VHL-I151N-·FANNTLPVY	124	251

>VHL-I151N- FANITLPVY	134	>VHL-I151N- FANNTLPVY	178	44
>VHL-I151N- FANITLPVYTL	160	>VHL-I151N- FANNTLPVYT	202	42
>VHL-I151N- FANITLPV	89	>VHL-I151N- FANNTLPV	118	29
>VHL-I151N- FANITLPVY	103	>VHL-I151N- FANNTLPVY	107	4
>VHL-I151N- FANITLPVYTL	310	>VHL-I151N- FANNTLPVYT	521	211
>VHL-I151N- FANITLPVY	582	>VHL-I151N- FANNTLPVY	147	435
>VHL-I151N- IFANITLPVY	711	>VHL-I151N- IFANNTLPVY	276	435
>VHL-I151N- IFANITLPV	35	>VHL-I151N- IFANNTLPV	369	334
>VHL-I151N- IFANITLPV	638	>VHL-I151N- IFANNTLPV	434	204
>VHL-I151N- IFANITLPV	478	>VHL-I151N- IFANNTLPV	883	405
>VHL-I151N- IFANITLPVY	52	>VHL-I151N- IFANNTLPVY	71	19
>VHL-I151N- IFANITLPVY	87	>VHL-I151N- IFANNTLPVY	117	30
>VHL-I151N- IFANITLPVY	137	>VHL-I151N- IFANNTLPVY	385	248
>VHL-I151N- IFANITLPVY	1038	>VHL-I151N- IFANNTLPVY	425	613
>VHL-I151N- PIFANITLPV	393	>VHL-I151N- PIFANNTLPV	668	275
>VHL-I151N- PIFANITLPV	79	>VHL-I151N- PIFANNTLPV	125	46
>VHL-I151N- PIFANITL	323	>VHL-I151N- PIFANNTL	1786	1463
>VHL-I151N- PIFANITLPV	21	>VHL-I151N- PIFANNTLPV	57	36
>VHL-I151N- PIFANITLPV	76	>VHL-I151N- PIFANNTLPV	225	149
>VHL-I151N- PIFANITL	341	>VHL-I151N- PIFANNTL	1435	1094
>VHL-I151N- PIFANITLPV	25	>VHL-I151N- PIFANNTLPV	43	18
>VHL-I151N- PIFANITLPVY	135	>VHL-I151N- PIFANNTLPV	128	7
>VHL-I151N- PIFANITLPVY	195	>VHL-I151N- PIFANNTLPV	166	29
>VHL-I151N- PIFANITL	336	>VHL-I151N- PIFANNTL	368	32
>VHL-I151N- PIFANITLPV	218	>VHL-I151N- PIFANNTLPV	279	61
>VHL-I151N- QPIFANITL	10	>VHL-I151N- QPIFANNTL	50	40
>VHL-I151N- QPIFANITLPV	151	>VHL-I151N- QPIFANNTLP	270	119
>VHL-I151N- QPIFANITLPV	72	>VHL-I151N- QPIFANNTLP	100	28
>VHL-I151N- QPIFANITL	393	>VHL-I151N- QPIFANNTL	282	111
>VHL-I151N- QPIFANITLPV	157	>VHL-I151N- QPIFANNTLP	110	47
>VHL-I151N- QPIFANITL	51	>VHL-I151N- QPIFANNTL	122	71
>VHL-I151N- QPIFANITLPV	148	>VHL-I151N- QPIFANNTLP	238	90
>VHL-I151N- QPIFANITL	118	>VHL-I151N- QPIFANNTL	204	86
>VHL-I151N- QPIFANITL	373	>VHL-I151N- QPIFANNTL	1103	730
>VHL-I151N- QPIFANITLPV	204	>VHL-I151N- QPIFANNTLP	198	6
>VHL-I151N- GQPIFANI	412	>VHL-I151N- GQPIFANN	16987	16575
>VHL-I151N- GQPIFANITL	236	>VHL-I151N- GQPIFANNTL	324	88
>VHL-I151N- GQPIFANI	241	>VHL-I151N- GQPIFANN	19440	19199
>VHL-I151N- GQPIFANITL	430	>VHL-I151N- GQPIFANNTL	1064	634
>VHL-I151N- VDGQPIFANI	444	>VHL-I151N- VDGQPIFANN	27370	26926
>VHL-I151S- vITLPVYTL	202	>VHL-I151S- rSTLPVYTL	696	494
>VHL-I151S- vITLPVYTL	273	>VHL-I151S- rSTLPVYTL	257	16
>VHL-I151S- vITLPVYTL	54	>VHL-I151S- rSTLPVYTL	54	0

>VHL-I151S-vITLPVYTL	21	>VHL-I151S-rSTLPVYTL	19	2
>VHL-I151S-vITLPVYTL	408	>VHL-I151S-rSTLPVYTL	220	188
>VHL-I151S-vITLPVYTL	307	>VHL-I151S-rSTLPVYTL	55	252
>VHL-I151S-vITLPVYTLK	50	>VHL-I151S-rSTLPVYTLK	66	16
>VHL-I151S-vITLPVYTLK	9	>VHL-I151S-rSTLPVYTLK	6	3
>VHL-I151S-vITLPVYTLKER	348	>VHL-I151S-rSTLPVYTLKER	86	262
>VHL-I151S-vITLPVYTLK	45	>VHL-I151S-rSTLPVYTLK	22	23
>VHL-I151S-vITLPVYTLK	30	>VHL-I151S-rSTLPVYTLK	28	2
>VHL-I151S-vITLPVYTLKER	20	>VHL-I151S-rSTLPVYTLKER	20	0
>VHL-I151S-vITLPVYTL	68	>VHL-I151S-rSTLPVYTL	39	29
>VHL-I151S-vITLPVYTLK	351	>VHL-I151S-rSTLPVYTLK	926	575
>VHL-I151S-vITLPVYTLKER	115	>VHL-I151S-rSTLPVYTLKER	321	206
>VHL-I151S-vITLPVYTLK	21	>VHL-I151S-rSTLPVYTLK	22	1
>VHL-I151S-vITLPVYTLKER	40	>VHL-I151S-rSTLPVYTLKER	36	4
>VHL-I151S-vITLPVYTL	248	>VHL-I151S-rSTLPVYTL	50	198
>VHL-I151S-vITLPVYTL	263	>VHL-I151S-rSTLPVYTL	35	228
>VHL-I151S-vITLPVYTL	6	>VHL-I151S-rSTLPVYTL	11	5
>VHL-I151S-vITLPVYTL	185	>VHL-I151S-rSTLPVYTL	1843	1658
>VHL-I151S-vITLPVYTL	70	>VHL-I151S-rSTLPVYTL	1033	963
>VHL-I151S-vITLPVYTL	143	>VHL-I151S-rSTLPVYTL	491	348
>VHL-I151S-vITLPVYTLK	144	>VHL-I151S-rSTLPVYTLK	190	46
>VHL-I151S-vITLPVYTLKER	394	>VHL-I151S-rSTLPVYTLKER	105	289
>VHL-I151S-vITLPVYTL	96	>VHL-I151S-rSTLPVYTL	49	47
>VHL-I151S-vNITLPVYTLK	194	>VHL-I151S-rNSTLPVYTLK	359	165
>VHL-I151S-vNITLPVYTLK	45	>VHL-I151S-rNSTLPVYTLK	25	20
>VHL-I151S-vNITLPVYTLK	24	>VHL-I151S-rNSTLPVYTLK	20	4
>VHL-I151S-vNITLPVYTL	70	>VHL-I151S-rNSTLPVYTL	77	7
>VHL-I151S-vNITLPVYTL	13567	>VHL-I151S-rNSTLPVYTL	311	13256
>VHL-I151S-vNITLPVYTL	6686	>VHL-I151S-rNSTLPVYTL	159	6527
>VHL-I151S-vNVDGQPIFAM	253	>VHL-I151S-rNVDGQPIFAM	3840	3587
>VHL-I151S-vNVDGQPIFAM	61	>VHL-I151S-rNVDGQPIFAM	8826	8765
>VHL-I151S-vANITLPVYTL	411	>VHL-I151S-rANSTLPVYTL	387	24
>VHL-I151S-vANITLPVYTLK	232	>VHL-I151S-rANSTLPVYTLK	283	51
>VHL-I151S-vANITLPVY	253	>VHL-I151S-rANSTLPVY	7687	7434
>VHL-I151S-vANITLPVY	453	>VHL-I151S-rANSTLPVY	247	206
>VHL-I151S-vANITLPVY	481	>VHL-I151S-rANSTLPVY	875	394
>VHL-I151S-vFANITLPVYTL	351	>VHL-I151S-rFANSTLPVYTL	336	15
>VHL-I151S-vFANITLPV	136	>VHL-I151S-rFANSTLPV	45	91
>VHL-I151S-vFANITLPVYTL	689	>VHL-I151S-rFANSTLPVYTL	212	477
>VHL-I151S-vFANITLPV	82	>VHL-I151S-rFANSTLPV	32	50
>VHL-I151S-vFANITLPVYTL	156	>VHL-I151S-rFANSTLPVYTL	42	114
>VHL-I151S-vFANITLPV	19	>VHL-I151S-rFANSTLPV	7	12
>VHL-I151S-vFANITLPVYT	585	>VHL-I151S-rFANSTLPVYT	261	324

>VHL-I151S-v FANITLPVYTL	482	>VHL-I151S-r FANSTLPVYTL	128	354
>VHL-I151S-v FANITLPV	12	>VHL-I151S-r FANSTLPV	8	4
>VHL-I151S-v FANITLPVYT	292	>VHL-I151S-r FANSTLPVYT	335	43
>VHL-I151S-v FANITLPVYTL	203	>VHL-I151S-r FANSTLPVYTL	65	138
>VHL-I151S-v FANITLPV	31	>VHL-I151S-r FANSTLPV	25	6
>VHL-I151S-v FANITLPVYTL	87	>VHL-I151S-r FANSTLPVYTL	60	27
>VHL-I151S-v FANITLPV	705	>VHL-I151S-r FANSTLPV	421	284
>VHL-I151S-v FANITLPVYTL	920	>VHL-I151S-r FANSTLPVYTL	444	476
>VHL-I151S-v FANITLPV	114	>VHL-I151S-r FANSTLPV	94	20
>VHL-I151S-v FANITLPV	1084	>VHL-I151S-r FANSTLPV	451	633
>VHL-I151S-v FANITLPVYTL	1706	>VHL-I151S-r FANSTLPVYTL	422	1284
>VHL-I151S-v FANITLPV	25	>VHL-I151S-r FANSTLPV	16	9
>VHL-I151S-v FANITLPVYTL	407	>VHL-I151S-r FANSTLPVYTL	239	168
>VHL-I151S-v FANITLPVY	2461	>VHL-I151S-r FANSTLPVY	247	2214
>VHL-I151S-v FANITLPVY	243	>VHL-I151S-r FANSTLPVY	123	120
>VHL-I151S-v FANITLPVY	71	>VHL-I151S-r FANSTLPVY	40	31
>VHL-I151S-v FANITLPV	96	>VHL-I151S-r FANSTLPV	60	36
>VHL-I151S-v FANITLPVYTL	644	>VHL-I151S-r FANSTLPVYTL	391	253
>VHL-I151S-v FANITLPV	24	>VHL-I151S-r FANSTLPV	16	8
>VHL-I151S-v FANITLPVYTL	413	>VHL-I151S-r FANSTLPVYTL	212	201
>VHL-I151S-v FANITLPVY	114	>VHL-I151S-r FANSTLPVY	56	58
>VHL-I151S-v FANITLPV	1516	>VHL-I151S-r FANSTLPV	247	1269
>VHL-I151S-v FANITLPVY	170	>VHL-I151S-r FANSTLPVY	23	147
>VHL-I151S-v FANITLPVYTL	859	>VHL-I151S-r FANSTLPVYTL	173	686
>VHL-I151S-v FANITLPVY	14	>VHL-I151S-r FANSTLPVY	31	17
>VHL-I151S-v FANITLPVYTL	63	>VHL-I151S-r FANSTLPVYTL	143	80
>VHL-I151S-v FANITLPVY	26	>VHL-I151S-r FANSTLPVY	20	6
>VHL-I151S-v FANITLPVYTL	278	>VHL-I151S-r FANSTLPVYTL	164	114
>VHL-I151S-v FANITLPVYTL	806	>VHL-I151S-r FANSTLPVYTL	163	643
>VHL-I151S-v FANITLPVY	375	>VHL-I151S-r FANSTLPVY	219	156
>VHL-I151S-v FANITLPVY	134	>VHL-I151S-r FANSTLPVY	129	5
>VHL-I151S-v FANITLPVYTL	160	>VHL-I151S-r FANSTLPVYTL	155	5
>VHL-I151S-v FANITLPV	89	>VHL-I151S-r FANSTLPV	171	82
>VHL-I151S-v FANITLPVY	103	>VHL-I151S-r FANSTLPVY	55	48
>VHL-I151S-v FANITLPVYTL	603	>VHL-I151S-r FANSTLPVYTL	296	307
>VHL-I151S-v FANITLPVYTL	310	>VHL-I151S-r FANSTLPVYTL	181	129
>VHL-I151S-v FANITLPVY	582	>VHL-I151S-r FANSTLPVY	109	473
>VHL-I151S-v IFANITLPVY	711	>VHL-I151S-r IFANSTLPVY	365	346
>VHL-I151S-v IFANITLPV	35	>VHL-I151S-r IFANSTLPV	275	240
>VHL-I151S-v IFANITLPV	478	>VHL-I151S-r IFANSTLPV	2118	1640
>VHL-I151S-v IFANITLPVY	52	>VHL-I151S-r IFANSTLPVY	59	7
>VHL-I151S-v IFANITLPVY	87	>VHL-I151S-r IFANSTLPVY	85	2
>VHL-I151S-v IFANITLPVY	137	>VHL-I151S-r IFANSTLPVY	360	223



>VHL-I151S-v IFANITLPVY	1038	>VHL-I151S-r IFANSTLPVY	333	705
>VHL-I151S-v IFANITLPVY	1410	>VHL-I151S-r IFANSTLPVY	432	978
>VHL-I151S-v PIFANITLPV	393	>VHL-I151S-r PIFANSTLPV	523	130
>VHL-I151S-v PIFANITLPV	79	>VHL-I151S-r PIFANSTLPV	73	6
>VHL-I151S-v PIFANITL	323	>VHL-I151S-r PIFANSTL	864	541
>VHL-I151S-v PIFANITLPV	21	>VHL-I151S-r PIFANSTLPV	57	36
>VHL-I151S-v PIFANITLPV	76	>VHL-I151S-r PIFANSTLPV	123	47
>VHL-I151S-v PIFANITL	341	>VHL-I151S-r PIFANSTL	637	296
>VHL-I151S-v PIFANITLPV	25	>VHL-I151S-r PIFANSTLPV	39	14
>VHL-I151S-v PIFANITLPVY	135	>VHL-I151S-r PIFANSTLPVY	90	45
>VHL-I151S-v PIFANITLPVY	195	>VHL-I151S-r PIFANSTLPVY	178	17
>VHL-I151S-v PIFANITL	336	>VHL-I151S-r PIFANSTL	603	267
>VHL-I151S-v PIFANITLPV	218	>VHL-I151S-r PIFANSTLPV	237	19
>VHL-I151S-v QPIFANITL	10	>VHL-I151S-r QPIFANSTL	22	12
>VHL-I151S-v QPIFANITLPV	151	>VHL-I151S-r QPIFANSTLPV	307	156
>VHL-I151S-v QPIFANITLPV	72	>VHL-I151S-r QPIFANSTLPV	110	38
>VHL-I151S-v QPIFANITL	393	>VHL-I151S-r QPIFANSTL	126	267
>VHL-I151S-v QPIFANITLPV	157	>VHL-I151S-r QPIFANSTLPV	79	78
>VHL-I151S-v QPIFANITL	51	>VHL-I151S-r QPIFANSTL	72	21
>VHL-I151S-v QPIFANITLPV	148	>VHL-I151S-r QPIFANSTLPV	195	47
>VHL-I151S-v QPIFANITL	118	>VHL-I151S-r QPIFANSTL	261	143
>VHL-I151S-v QPIFANITL	373	>VHL-I151S-r QPIFANSTL	576	203
>VHL-I151S-v QPIFANITLPV	204	>VHL-I151S-r QPIFANSTLPV	441	237
>VHL-I151S-v GQPIFANI	412	>VHL-I151S-r GQPIFANS	9635	9223
>VHL-I151S-v GQPIFANITL	236	>VHL-I151S-r GQPIFANSTL	190	46
>VHL-I151S-v GQPIFANI	241	>VHL-I151S-r GQPIFANS	7749	7508
>VHL-I151S-v GQPIFANITL	430	>VHL-I151S-r GQPIFANSTL	782	352
>VHL-I151S-v VDGQPIFANI	444	>VHL-I151S-r VDGQPIFANS	23352	22908
>VHL-I151T-v ITLPVYTL	202	>VHL-I151T-r TTLPVYTL	1442	1240
>VHL-I151T-v ITLPVYTL	273	>VHL-I151T-r TTLPVYTL	701	428
>VHL-I151T-v ITLPVYTL	54	>VHL-I151T-r TTLPVYTL	120	66
>VHL-I151T-v ITLPVYTL	21	>VHL-I151T-r TTLPVYTL	91	70
>VHL-I151T-v ITLPVYTL	408	>VHL-I151T-r TTLPVYTL	788	380
>VHL-I151T-v ITLPVYTL	307	>VHL-I151T-r TTLPVYTL	645	338
>VHL-I151T-v ITLPVYTLK	50	>VHL-I151T-r TTLPVYTLK	69	19
>VHL-I151T-v ITLPVYTLK	9	>VHL-I151T-r TTLPVYTLK	7	2
>VHL-I151T-v ITLPVYTLKER	348	>VHL-I151T-r TTLPVYTLKEF	142	206
>VHL-I151T-v ITLPVYTLK	45	>VHL-I151T-r TTLPVYTLK	85	40
>VHL-I151T-v ITLPVYTLK	30	>VHL-I151T-r TTLPVYTLK	34	4
>VHL-I151T-v ITLPVYTLKER	20	>VHL-I151T-r TTLPVYTLKEF	24	4
>VHL-I151T-v ITLPVYTL	68	>VHL-I151T-r TTLPVYTL	93	25
>VHL-I151T-v ITLPVYTLK	351	>VHL-I151T-r TTLPVYTLK	327	24
>VHL-I151T-v ITLPVYTLKER	115	>VHL-I151T-r TTLPVYTLKEF	109	6

>VHL-I151T- $\nu$ ITLPVYTLK	21	>VHL-I151T-r TTLPVYTLK	8	13
>VHL-I151T- $\nu$ ITLPVYTLKER	40	>VHL-I151T-r TTLPVYTLKEF	14	26
>VHL-I151T- $\nu$ ITLPVYTL	248	>VHL-I151T-r TTLPVYTL	18	230
>VHL-I151T- $\nu$ ITLPVYTL	263	>VHL-I151T-r TTLPVYTL	26	237
>VHL-I151T- $\nu$ ITLPVYTL	6	>VHL-I151T-r TTLPVYTL	18	12
>VHL-I151T- $\nu$ ITLPVYTL	185	>VHL-I151T-r TTLPVYTL	689	504
>VHL-I151T- $\nu$ ITLPVYTL	70	>VHL-I151T-r TTLPVYTL	694	624
>VHL-I151T- $\nu$ ITLPVYTL	143	>VHL-I151T-r TTLPVYTL	245	102
>VHL-I151T- $\nu$ ITLPVYTLK	144	>VHL-I151T-r TTLPVYTLK	587	443
>VHL-I151T- $\nu$ ITLPVYTLKER	394	>VHL-I151T-r TTLPVYTLKEF	338	56
>VHL-I151T- $\nu$ ITLPVYTL	96	>VHL-I151T-r TTLPVYTL	152	56
>VHL-I151T- $\nu$ NITLPVYTLK	194	>VHL-I151T-r NTTLPVYTLK	212	18
>VHL-I151T- $\nu$ NITLPVYTLK	45	>VHL-I151T-r NTTLPVYTLK	21	24
>VHL-I151T- $\nu$ NITLPVYTL	1909	>VHL-I151T-r NTTLPVYTL	398	1511
>VHL-I151T- $\nu$ NITLPVYTL	1590	>VHL-I151T-r NTTLPVYTL	496	1094
>VHL-I151T- $\nu$ NITLPVYTLK	24	>VHL-I151T-r NTTLPVYTLK	11	13
>VHL-I151T- $\nu$ NITLPVYTL	1488	>VHL-I151T-r NTTLPVYTL	186	1302
>VHL-I151T- $\nu$ NITLPVYTL	70	>VHL-I151T-r NTTLPVYTL	12	58
>VHL-I151T- $\nu$ NITLPVYTL	700	>VHL-I151T-r NTTLPVYTL	155	545
>VHL-I151T- $\nu$ NITLPVYTL	13567	>VHL-I151T-r NTTLPVYTL	212	13355
>VHL-I151T- $\nu$ NITLPVYTL	6686	>VHL-I151T-r NTTLPVYTL	52	6634
>VHL-I151T- $\nu$ NVDGQPIFAM	253	>VHL-I151T-r NVDGQPIFAM	3696	3443
>VHL-I151T- $\nu$ NVDGQPIFAM	61	>VHL-I151T-r NVDGQPIFAM	2143	2082
>VHL-I151T- $\nu$ ANITLPVYTL	411	>VHL-I151T-r ANTTLPVYTL	1333	922
>VHL-I151T- $\nu$ ANITLPVYTLK	232	>VHL-I151T-r ANTTLPVYTLK	859	627
>VHL-I151T- $\nu$ ANITLPVY	253	>VHL-I151T-r ANTTLPVY	3796	3543
>VHL-I151T- $\nu$ ANITLPVY	453	>VHL-I151T-r ANTTLPVY	511	58
>VHL-I151T- $\nu$ ANITLPVY	481	>VHL-I151T-r ANTTLPVY	1805	1324
>VHL-I151T- $\nu$ FANITLPVYTL	351	>VHL-I151T-r FANTTLPVYTL	219	132
>VHL-I151T- $\nu$ FANITLPV	136	>VHL-I151T-r FANTTLPV	69	67
>VHL-I151T- $\nu$ FANITLPVYTL	689	>VHL-I151T-r FANTTLPVYTL	316	373
>VHL-I151T- $\nu$ FANITLPV	82	>VHL-I151T-r FANTTLPV	68	14
>VHL-I151T- $\nu$ FANITLPVYTL	156	>VHL-I151T-r FANTTLPVYTL	80	76
>VHL-I151T- $\nu$ FANITLPV	19	>VHL-I151T-r FANTTLPV	11	8
>VHL-I151T- $\nu$ FANITLPVYTL	585	>VHL-I151T-r FANTTLPVYTL	431	154
>VHL-I151T- $\nu$ FANITLPVYTL	482	>VHL-I151T-r FANTTLPVYTL	223	259
>VHL-I151T- $\nu$ FANITLPV	12	>VHL-I151T-r FANTTLPV	9	3
>VHL-I151T- $\nu$ FANITLPVYTL	292	>VHL-I151T-r FANTTLPVYTL	330	38
>VHL-I151T- $\nu$ FANITLPVYTL	203	>VHL-I151T-r FANTTLPVYTL	86	117
>VHL-I151T- $\nu$ FANITLPV	31	>VHL-I151T-r FANTTLPV	43	12
>VHL-I151T- $\nu$ FANITLPVYTL	87	>VHL-I151T-r FANTTLPVYTL	129	42
>VHL-I151T- $\nu$ FANITLPV	705	>VHL-I151T-r FANTTLPV	388	317
>VHL-I151T- $\nu$ FANITLPVYTL	920	>VHL-I151T-r FANTTLPVYTL	485	435

>VHL-I151T-ν FANITLPV	114	>VHL-I151T-r FANTTLPV	154	40
>VHL-I151T-ν FANITLPV	25	>VHL-I151T-r FANTTLPV	25	0
>VHL-I151T-ν FANITLPVYTL	407	>VHL-I151T-r FANTTLPVYTL	412	5
>VHL-I151T-ν FANITLPVY	2461	>VHL-I151T-r FANTTLPVY	307	2154
>VHL-I151T-ν FANITLPVY	243	>VHL-I151T-r FANTTLPVY	210	33
>VHL-I151T-ν FANITLPVY	71	>VHL-I151T-r FANTTLPVY	77	6
>VHL-I151T-ν FANITLPV	96	>VHL-I151T-r FANTTLPV	69	27
>VHL-I151T-ν FANITLPVYTL	644	>VHL-I151T-r FANTTLPVYTL	368	276
>VHL-I151T-ν FANITLPV	24	>VHL-I151T-r FANTTLPV	25	1
>VHL-I151T-ν FANITLPVYTL	413	>VHL-I151T-r FANTTLPVYTL	423	10
>VHL-I151T-ν FANITLPVY	114	>VHL-I151T-r FANTTLPVY	98	16
>VHL-I151T-ν FANITLPV	1516	>VHL-I151T-r FANTTLPV	462	1054
>VHL-I151T-ν FANITLPVY	170	>VHL-I151T-r FANTTLPVY	43	127
>VHL-I151T-ν FANITLPVYTL	859	>VHL-I151T-r FANTTLPVYTL	309	550
>VHL-I151T-ν FANITLPVY	14	>VHL-I151T-r FANTTLPVY	38	24
>VHL-I151T-ν FANITLPVYTL	63	>VHL-I151T-r FANTTLPVYTL	177	114
>VHL-I151T-ν FANITLPVY	26	>VHL-I151T-r FANTTLPVY	21	5
>VHL-I151T-ν FANITLPVYTL	278	>VHL-I151T-r FANTTLPVYTL	188	90
>VHL-I151T-ν FANITLPVYTL	806	>VHL-I151T-r FANTTLPVYTL	185	621
>VHL-I151T-ν FANITLPVY	375	>VHL-I151T-r FANTTLPVY	396	21
>VHL-I151T-ν FANITLPVY	134	>VHL-I151T-r FANTTLPVY	123	11
>VHL-I151T-ν FANITLPVYTL	160	>VHL-I151T-r FANTTLPVYTL	147	13
>VHL-I151T-ν FANITLPV	89	>VHL-I151T-r FANTTLPV	149	60
>VHL-I151T-ν FANITLPVY	103	>VHL-I151T-r FANTTLPVY	74	29
>VHL-I151T-ν FANITLPVYTL	603	>VHL-I151T-r FANTTLPVYTL	414	189
>VHL-I151T-ν FANITLPVYTL	310	>VHL-I151T-r FANTTLPVYTL	290	20
>VHL-I151T-ν FANITLPVY	582	>VHL-I151T-r FANTTLPVY	317	265
>VHL-I151T-ν IFANITLPVY	711	>VHL-I151T-r IFANTTLPVY	336	375
>VHL-I151T-ν IFANITLPV	35	>VHL-I151T-r IFANTTLPV	318	283
>VHL-I151T-ν IFANITLPV	478	>VHL-I151T-r IFANTTLPV	1295	817
>VHL-I151T-ν IFANITLPVY	52	>VHL-I151T-r IFANTTLPVY	49	3
>VHL-I151T-ν IFANITLPVY	87	>VHL-I151T-r IFANTTLPVY	90	3
>VHL-I151T-ν IFANITLPVY	137	>VHL-I151T-r IFANTTLPVY	280	143
>VHL-I151T-ν IFANITLPVY	1038	>VHL-I151T-r IFANTTLPVY	483	555
>VHL-I151T-ν PIFANITLPV	393	>VHL-I151T-r PIFANTTLPV	476	83
>VHL-I151T-ν PIFANITLPV	79	>VHL-I151T-r PIFANTTLPV	72	7
>VHL-I151T-ν PIFANITL	323	>VHL-I151T-r PIFANTTL	1022	699
>VHL-I151T-ν PIFANITLPV	21	>VHL-I151T-r PIFANTTLPV	40	19
>VHL-I151T-ν PIFANITLPV	76	>VHL-I151T-r PIFANTTLPV	107	31
>VHL-I151T-ν PIFANITL	341	>VHL-I151T-r PIFANTTL	465	124
>VHL-I151T-ν PIFANITLPV	25	>VHL-I151T-r PIFANTTLPV	34	9
>VHL-I151T-ν PIFANITLPVY	135	>VHL-I151T-r PIFANTTLPVY	89	46
>VHL-I151T-ν PIFANITLPVY	195	>VHL-I151T-r PIFANTTLPVY	188	7

>VHL-I151T-ν PIFANITL	336	>VHL-I151T-r PIFANTTL	144	192
>VHL-I151T-ν PIFANITLPV	218	>VHL-I151T-r PIFANTTLPV	158	60
>VHL-I151T-ν QPIFANITL	10	>VHL-I151T-r QPIFANTTL	20	10
>VHL-I151T-ν QPIFANITLPV	151	>VHL-I151T-r QPIFANTTLPV	398	247
>VHL-I151T-ν QPIFANITLPV	72	>VHL-I151T-r QPIFANTTLPV	96	24
>VHL-I151T-ν QPIFANITL	393	>VHL-I151T-r QPIFANTTL	150	243
>VHL-I151T-ν QPIFANITLPV	157	>VHL-I151T-r QPIFANTTLPV	93	64
>VHL-I151T-ν QPIFANIT	970	>VHL-I151T-r QPIFANTT	428	542
>VHL-I151T-ν QPIFANITL	51	>VHL-I151T-r QPIFANTTL	73	22
>VHL-I151T-ν QPIFANITLPV	148	>VHL-I151T-r QPIFANTTLPV	193	45
>VHL-I151T-ν QPIFANITL	118	>VHL-I151T-r QPIFANTTL	484	366
>VHL-I151T-ν QPIFANITL	373	>VHL-I151T-r QPIFANTTL	473	100
>VHL-I151T-ν QPIFANITLPV	204	>VHL-I151T-r QPIFANTTLPV	318	114
>VHL-I151T-ν GQPIFANI	412	>VHL-I151T-r GQPIFANT	5334	4922
>VHL-I151T-ν GQPIFANITL	236	>VHL-I151T-r GQPIFANTTL	223	13
>VHL-I151T-ν GQPIFANI	241	>VHL-I151T-r GQPIFANT	3276	3035
>VHL-I151T-ν GQPIFANITL	430	>VHL-I151T-r GQPIFANTTL	755	325
>VHL-I151T-ν VDGQPIFANI	444	>VHL-I151T-r VDGQPIFANT	15606	15162
>VHL-I180N-ι IVRSLYEDL	292	>VHL-I180N-ι NVRSLYEDL	3611	3319
>VHL-I180N-ι DIVRSLYEDL	114	>VHL-I180N-ι DNVRSLYEDL	6494	6380
>VHL-I180N-ι LDIVRSLY	428	>VHL-I180N-ι LDNVRSLY	1819	1391
>VHL-I180N-ι LDIVRSLYEDL	491	>VHL-I180N-ι LDNVRSLYED	864	373
>VHL-I180N-ι RLDIVRSLY	116	>VHL-I180N-ι RLDNVRSLY	95	21
>VHL-I180N-ι RLDIVRSL	922	>VHL-I180N-ι RLDNVRSL	498	424
>VHL-I180N-ι RLDIVRSL	312	>VHL-I180N-ι RLDNVRSL	305	7
>VHL-I180N-ι RLDIVRSL	14	>VHL-I180N-ι RLDNVRSL	8	6
>VHL-I180N-ι RLDIVRSL	400	>VHL-I180N-ι RLDNVRSL	55	345
>VHL-I180N-ι RLDIVRSL	82	>VHL-I180N-ι RLDNVRSL	53	29
>VHL-I180N-ι RLDIVRSL	52	>VHL-I180N-ι RLDNVRSL	26	26
>VHL-I180N-ι RLDIVRSLY	157	>VHL-I180N-ι RLDNVRSLY	91	66
>VHL-I180N-ι RLDIVRSLY	77	>VHL-I180N-ι RLDNVRSLY	62	15
>VHL-I180N-ι RLDIVRSL	415	>VHL-I180N-ι RLDNVRSL	146	269
>VHL-I180N-ι RLDIVRSLY	33	>VHL-I180N-ι RLDNVRSLY	24	9
>VHL-I180N-ι RLDIVRSLY	32	>VHL-I180N-ι RLDNVRSLY	11	21
>VHL-I180N-ι RLDIVRSLY	68	>VHL-I180N-ι RLDNVRSLY	79	11
>VHL-I180N-ι RRLDIVRSLY	81	>VHL-I180N-ι RRLDNVRSLY	102	21
>VHL-I180N-ι RRLDIVRSLY	437	>VHL-I180N-ι RRLDNVRSLY	1474	1037
>VHL-I180N-ι RRLDIVRSL	109	>VHL-I180N-ι RRLDNVRSL	55	54
>VHL-I180N-ι RRLDIVRSLY	49	>VHL-I180N-ι RRLDNVRSLY	26	23
>VHL-I180N-ι RRLDIVRS	102	>VHL-I180N-ι RRLDNVRS	223	121
>VHL-I180N-ι RRLDIVRSL	15	>VHL-I180N-ι RRLDNVRSL	23	8
>VHL-I180N-ι RRLDIVRSLY	10	>VHL-I180N-ι RRLDNVRSLY	10	0
>VHL-I180N-ι RRLDIVRS	242	>VHL-I180N-ι RRLDNVRS	291	49

>VHL-I180N-RRLDIVRSLY	303	>VHL-I180N-RRLDNVRSLY	228	75
>VHL-I180N-RRLDIVRSLYE	319	>VHL-I180N-RRLDNVRSLY	587	268
>VHL-I180N-RRLDIVRSLY	318	>VHL-I180N-RRLDNVRSLY	365	47
>VHL-I180N-YRRLDIVRSL	130	>VHL-I180N-YRRLDNVRSL	100	30
>VHL-I180N-YRRLDIVRSLY	65	>VHL-I180N-YRRLDNVRSL	53	12
>VHL-I180N-YRRLDIVR	308	>VHL-I180N-YRRLDNVR	1055	747
>VHL-I180N-YRRLDIVRSL	43	>VHL-I180N-YRRLDNVRSL	72	29
>VHL-I180N-YRRLDIVRSLY	206	>VHL-I180N-YRRLDNVRSL	322	116
>VHL-I180N-YRRLDIVRSLY	95	>VHL-I180N-YRRLDNVRSL	61	34
>VHL-I180N-YRRLDIVRSL	304	>VHL-I180N-YRRLDNVRSL	330	26
>VHL-I180N-YRRLDIVRSLY	391	>VHL-I180N-YRRLDNVRSL	656	265
>VHL-I180N-YRRLDIVRSL	94	>VHL-I180N-YRRLDNVRSL	147	53
>VHL-I180N-YRRLDIVRSLY	177	>VHL-I180N-YRRLDNVRSL	348	171
>VHL-I180N-NYRRLDIVRSI	587	>VHL-I180N-NYRRLDNVR	257	330
>VHL-I180N-NYRRLDIVRSI	129	>VHL-I180N-NYRRLDNVR	117	12
>VHL-I180N-NYRRLDIVR	256	>VHL-I180N-NYRRLDNVR	335	79
>VHL-I180N-NYRRLDIVR	30	>VHL-I180N-NYRRLDNVR	38	8
>VHL-I180N-PENYRRLDI	86	>VHL-I180N-PENYRRLDN	23269	23183
>VHL-I180N-KPENYRRLDI	104	>VHL-I180N-KPENYRRLDN	6358	6254
>VHL-I180N-KPENYRRLDI	139	>VHL-I180N-KPENYRRLDN	258	119
>VHL-K171N-KPENYRRL	39	>VHL-K171N-NPENYRRL	135	96
>VHL-K171N-KPENYRRLDI	104	>VHL-K171N-NPENYRRLDI	368	264
>VHL-K171N-KPENYRRLDI	139	>VHL-K171N-NPENYRRLDI	531	392
>VHL-K171N-VKPENYRRL	771	>VHL-K171N-VNPENYRRL	81	690
>VHL-K171N-RCLQVVRSLV	67	>VHL-K171N-RCLQVVRSLV	10210	10143
>VHL-K171N-LVKPENYRRL	1540	>VHL-K171N-LVNPENYRRL	389	1151
>VHL-K171N-LVKPENYR	2668	>VHL-K171N-LVNPENYR	281	2387
>VHL-K171N-LVKPENYR	23	>VHL-K171N-LVNPENYR	29	6
>VHL-K171N-LVKPENYRR	35	>VHL-K171N-LVNPENYRR	47	12
>VHL-K171N-LVKPENYR	159	>VHL-K171N-LVNPENYR	329	170
>VHL-K171N-LVKPENYRR	302	>VHL-K171N-LVNPENYRR	628	326
>VHL-K171N-LVKPENYR	60	>VHL-K171N-LVNPENYR	42	18
>VHL-K171N-LVKPENYRR	122	>VHL-K171N-LVNPENYRR	77	45
>VHL-K171N-LVKPENYR	287	>VHL-K171N-LVNPENYR	326	39
>VHL-K171N-SLVKPENYRR	409	>VHL-K171N-SLVNPENYRR	361	48
>VHL-K171N-SLVKPENYRR	44	>VHL-K171N-SLVNPENYRR	17	27
>VHL-K171N-SLVKPENYRR	647	>VHL-K171N-SLVNPENYRR	231	416
>VHL-K171N-SLVKPENYRR	394	>VHL-K171N-SLVNPENYRR	227	167
>VHL-K171N-SLVKPENYRR	26	>VHL-K171N-SLVNPENYRR	12	14
>VHL-K171N-SLVKPENYRR	672	>VHL-K171N-SLVNPENYRR	279	393
>VHL-K171N-SLVKPENY	281	>VHL-K171N-SLVNPENY	268	13
>VHL-K171N-SLVKPENY	434	>VHL-K171N-SLVNPENY	184	250
>VHL-K171N-SLVKPENYR	177	>VHL-K171N-SLVNPENYR	139	38

>VHL-K171N·SLVKPENYRR	103	>VHL-K171N·SLVNPENYRR	120	17
>VHL-K171N·SLVKPENYR	133	>VHL-K171N·SLVNPENYR	115	18
>VHL-K171N·SLVKPENYRR	142	>VHL-K171N·SLVNPENYRR	82	60
>VHL-K171N·SLVKPENY	96	>VHL-K171N·SLVNPENY	271	175
>VHL-K171N·SLVKPENY	218	>VHL-K171N·SLVNPENY	128	90
>VHL-K171N·SLVKPENY	749	>VHL-K171N·SLVNPENY	410	339
>VHL-K171N·SLVKPENYRR	85	>VHL-K171N·SLVNPENYRR	179	94
>VHL-K171N·RSLVKPENYR	782	>VHL-K171N·RSLVNPENYR	385	397
>VHL-K171N·RSLVKPENY	961	>VHL-K171N·RSLVNPENY	491	470
>VHL-K171N·RSLVKPENYR	40	>VHL-K171N·RSLVNPENYR	41	1
>VHL-K171N·RSLVKPENYR	12	>VHL-K171N·RSLVNPENYR	15	3
>VHL-K171N·RSLVKPENYR	542	>VHL-K171N·RSLVNPENYR	274	268
>VHL-K171N·RSLVKPENY	242	>VHL-K171N·RSLVNPENY	516	274
>VHL-K171N·RSLVKPENY	185	>VHL-K171N·RSLVNPENY	39	146
>VHL-K171N·RSLVKPENY	3	>VHL-K171N·RSLVNPENY	3	0
>VHL-K171N·RSLVKPENY	56	>VHL-K171N·RSLVNPENY	28	28
>VHL-K171N·RSLVKPENYR	355	>VHL-K171N·RSLVNPENYR	230	125
>VHL-K171N·RSLVKPENYR	124	>VHL-K171N·RSLVNPENYR	116	8
>VHL-K171N·RSLVKPENYR	148	>VHL-K171N·RSLVNPENYR	120	28
>VHL-K171N·VRSLVKPENY	846	>VHL-K171N·VRSLVNPENY	406	440
>VHL-K171N·VRSLVKPENY	930	>VHL-K171N·VRSLVNPENY	479	451
>VHL-K171N·VRSLVKPENY	310	>VHL-K171N·VRSLVNPENY	164	146
>VHL-K171N·VVRSLVKPEN	228	>VHL-K171N·VVRSLVNPEN	129	99
>VHL-K171N·VVRSLVKPEN	427	>VHL-K171N·VVRSLVNPEN	209	218
>VHL-K171N·VVRSLVKPEN	732	>VHL-K171N·VVRSLVNPEN	280	452
>VHL-K171N·VVRSLVKPEN	141	>VHL-K171N·VVRSLVNPEN	112	29
>VHL-K171N·VVRSLVKPEN	538	>VHL-K171N·VVRSLVNPEN	395	143
>VHL-K171N·VVRSLVKPEN	579	>VHL-K171N·VVRSLVNPEN	404	175
>VHL-K171N·VVRSLVKPEN	83	>VHL-K171N·VVRSLVNPEN	153	70
>VHL-K171N·VVRSLVKPEN	126	>VHL-K171N·VVRSLVNPEN	106	20
>VHL-K171N·QVVRSLVK	358	>VHL-K171N·QVVRSLVN	18988	18630
>VHL-K171N·QVVRSLVK	70	>VHL-K171N·QVVRSLVN	22949	22879
>VHL-K171N·QVVRSLVK	136	>VHL-K171N·QVVRSLVN	13841	13705
>VHL-K171N·QVVRSLVK	208	>VHL-K171N·QVVRSLVN	21522	21314
>VHL-K171N·CLQVVRSLVK	97	>VHL-K171N·CLQVVRSLVN	19980	19883
>VHL-K171N·CLQVVRSLVK	305	>VHL-K171N·CLQVVRSLVN	34650	34345
>VHL-L101P·LPPGTGRR	158	>VHL-L101P·PPPGTGRR	3212	3054
>VHL-L101P·TLPPGTGRR	214	>VHL-L101P·TPPPGTGRR	27536	27322
>VHL-L101P·TLPPGTGRR	83	>VHL-L101P·TPPPGTGRR	33624	33541
>VHL-L101P·PTLPPGTGRR	10488	>VHL-L101P·PTPPPGTGRR	19	10469
>VHL-L101P·PTLPPGTGRR	139	>VHL-L101P·PTPPPGTGRR	215	76
>VHL-L101P·YPTLPPGTGR	474	>VHL-L101P·YTPPPGTGR	630	156
>VHL-L101P·YPTLPPGT	313	>VHL-L101P·YTPPPGT	544	231

>VHL-L101P- YPTLPPGTG	410	>VHL-L101P- YPTPPPGTG	1079	669
>VHL-L101P- PYPTLPPGTG	66	>VHL-L101P- PYPTPPPGTG	126	60
>VHL-L101P- QPYPTLPPG	497	>VHL-L101P- QPYPTPPPG	375	122
>VHL-L101P- QPYPTLPPG	159	>VHL-L101P- QPYPTPPPG	510	351
>VHL-L101P- EPQPYPTL	420	>VHL-L101P- EPQPYPTP	7601	7181
>VHL-L101P- GEPQPYPTL	197	>VHL-L101P- GEPQPYPTP	12442	12245
>VHL-L101P- GEPQPYPTL	460	>VHL-L101P- GEPQPYPTP	13859	13399
>VHL-L116V- LWLFRDAG	90	>VHL-L116V- VWLFRDAG	127	37
>VHL-L116V- HLWLFRDA	346	>VHL-L116V- HVWLFRDA	18193	17847
>VHL-L116V- HLWLFRDAG	1266	>VHL-L116V- HVWLFRDAG	402	864
>VHL-L116V- GRRHSYRGH	212	>VHL-L116V- GRRHSYRGH	566	354
>VHL-L116V- GRRHSYRGH	174	>VHL-L116V- GRRHSYRGH	988	814
>VHL-L116V- GRRHSYRGH	13	>VHL-L116V- GRRHSYRGH	124	111
>VHL-L116V- RGHLWLFR	160	>VHL-L116V- RGHVWLFR	109	51
>VHL-L116V- RGHLWLFR	15	>VHL-L116V- RGHVWLFR	13	2
>VHL-L116V- RGHLWLFR	33	>VHL-L116V- RGHVWLFR	56	23
>VHL-L116V- YRGHLWLF	109	>VHL-L116V- YRGHVWLF	71	38
>VHL-L116V- YRGHLWLF	75	>VHL-L116V- YRGHVWLF	97	22
>VHL-L116V- YRGHLWLFR	66	>VHL-L116V- YRGHVWLFR	117	51
>VHL-L116V- YRGHLWLFR	44	>VHL-L116V- YRGHVWLFR	126	82
>VHL-L116V- SYRGHLWLF	32	>VHL-L116V- SYRGHVWLF	56	24
>VHL-L116V- SYRGHLWLF	24	>VHL-L116V- SYRGHVWLF	19	5
>VHL-L116V- SYRGHLWL	17	>VHL-L116V- SYRGHVWL	14	3
>VHL-L116V- SYRGHLWLF	5	>VHL-L116V- SYRGHVWLF	5	0
>VHL-L116V- SYRGHLWLF	351	>VHL-L116V- SYRGHVWLF	747	396
>VHL-L116V- SYRGHLWLF	96	>VHL-L116V- SYRGHVWLF	201	105
>VHL-L116V- SYRGHLWL	38	>VHL-L116V- SYRGHVWL	54	16
>VHL-L116V- SYRGHLWLFF	11	>VHL-L116V- SYRGHVWLFI	11	0
>VHL-L116V- SYRGHLWLFF	7	>VHL-L116V- SYRGHVWLFI	6	1
>VHL-L116V- SYRGHLWLFF	88	>VHL-L116V- SYRGHVWLFI	58	30
>VHL-L116V- SYRGHLWLFF	265	>VHL-L116V- SYRGHVWLFI	176	89
>VHL-L116V- SYRGHLWLFF	396	>VHL-L116V- SYRGHVWLFI	430	34
>VHL-L116V- SYRGHLWLFF	23	>VHL-L116V- SYRGHVWLFI	24	1
>VHL-L116V- SYRGHLWL	262	>VHL-L116V- SYRGHVWL	665	403
>VHL-L116V- SYRGHLWLFF	430	>VHL-L116V- SYRGHVWLFI	585	155
>VHL-L116V- SYRGHLWL	420	>VHL-L116V- SYRGHVWL	472	52
>VHL-L116V- SYRGHLWLF	277	>VHL-L116V- SYRGHVWLF	261	16
>VHL-L116V- HSYRGHLWL	522	>VHL-L116V- HSYRGHVWL	303	219
>VHL-L116V- HSYRGHLWLI	50	>VHL-L116V- HSYRGHVWLI	58	8
>VHL-L116V- HSYRGHLWLI	47	>VHL-L116V- HSYRGHVWLI	59	12
>VHL-L116V- HSYRGHLWLI	376	>VHL-L116V- HSYRGHVWLI	349	27
>VHL-L116V- HSYRGHLWLI	178	>VHL-L116V- HSYRGHVWLI	215	37
>VHL-L116V- HSYRGHLWL	93	>VHL-L116V- HSYRGHVWL	203	110

>VHL-L116V- HSYRGHLWLI	27	>VHL-L116V- HSYRGHVWL	33	6
>VHL-L116V- HSYRGHLWLI	457	>VHL-L116V- HSYRGHVWL	506	49
>VHL-L116V- HSYRGHLWLI	8	>VHL-L116V- HSYRGHVWL	7	1
>VHL-L116V- HSYRGHLWLI	293	>VHL-L116V- HSYRGHVWL	135	158
>VHL-L116V- HSYRGHLWLI	27	>VHL-L116V- HSYRGHVWL	20	7
>VHL-L116V- HSYRGHLWLI	9	>VHL-L116V- HSYRGHVWL	6	3
>VHL-L116V- HSYRGHLWLI	623	>VHL-L116V- HSYRGHVWL	465	158
>VHL-L116V- HSYRGHLWLI	36	>VHL-L116V- HSYRGHVWL	21	15
>VHL-L116V- HSYRGHLW	4	>VHL-L116V- HSYRGHVW	4	0
>VHL-L116V- HSYRGHLWL	5	>VHL-L116V- HSYRGHVWL	8	3
>VHL-L116V- HSYRGHLW	34	>VHL-L116V- HSYRGHVW	34	0
>VHL-L116V- HSYRGHLWLI	62	>VHL-L116V- HSYRGHVWL	62	0
>VHL-L116V- HSYRGHLW	10	>VHL-L116V- HSYRGHVW	9	1
>VHL-L116V- HSYRGHLWL	339	>VHL-L116V- HSYRGHVWL	2560	2221
>VHL-L116V- HSYRGHLWLI	19	>VHL-L116V- HSYRGHVWL	24	5
>VHL-L116V- HSYRGHLWL	126	>VHL-L116V- HSYRGHVWL	255	129
>VHL-L116V- HSYRGHLWLI	55	>VHL-L116V- HSYRGHVWL	97	42
>VHL-L116V- HSYRGHLW	137	>VHL-L116V- HSYRGHVW	270	133
>VHL-L116V- HSYRGHLWLI	300	>VHL-L116V- HSYRGHVWL	376	76
>VHL-L116V- HSYRGHLWLI	46	>VHL-L116V- HSYRGHVWL	61	15
>VHL-L116V- HSYRGHLWL	153	>VHL-L116V- HSYRGHVWL	188	35
>VHL-L116V- IHSYRGHLWL	131	>VHL-L116V- IHSYRGHVWI	129	2
>VHL-L116V- IHSYRGHLWL	91	>VHL-L116V- IHSYRGHVWI	51	40
>VHL-L116V- IHSYRGHLW	25	>VHL-L116V- IHSYRGHVW	44	19
>VHL-L116V- IHSYRGHLWL	402	>VHL-L116V- IHSYRGHVWI	564	162
>VHL-L116V- RIHSYRGHL	336	>VHL-L116V- RIHSYRGHV	1073	737
>VHL-L116V- RIHSYRGHL	1605	>VHL-L116V- RIHSYRGHV	83	1522
>VHL-L116V- RIHSYRGHL	4518	>VHL-L116V- RIHSYRGHV	344	4174
>VHL-L116V- RIHSYRGHL	3999	>VHL-L116V- RIHSYRGHV	115	3884
>VHL-L116V- RIHSYRGHLV	414	>VHL-L116V- RIHSYRGHVV	267	147
>VHL-L116V- RIHSYRGHL	23	>VHL-L116V- RIHSYRGHV	17	6
>VHL-L116V- RIHSYRGHLV	21	>VHL-L116V- RIHSYRGHVV	31	10
>VHL-L116V- RIHSYRGHLV	117	>VHL-L116V- RIHSYRGHVV	144	27
>VHL-L116V- RIHSYRGHLV	50	>VHL-L116V- RIHSYRGHVV	45	5
>VHL-L116V- RIHSYRGHLV	74	>VHL-L116V- RIHSYRGHVV	172	98
>VHL-L116V- RRIHSYRGHL	52	>VHL-L116V- RRIHSYRGHV	97	45
>VHL-L116V- RRIHSYRGHL'	119	>VHL-L116V- RRIHSYRGHV	46	73
>VHL-L116V- RRIHSYRGHL	9	>VHL-L116V- RRIHSYRGHV	25	16
>VHL-L116V- RRIHSYRGHL'	134	>VHL-L116V- RRIHSYRGHV	246	112
>VHL-L116V- RRIHSYRGHL	21	>VHL-L116V- RRIHSYRGHV	89	68
>VHL-L116V- RRIHSYRGHL'	96	>VHL-L116V- RRIHSYRGHV	130	34
>VHL-L116V- RRIHSYRGHL	18	>VHL-L116V- RRIHSYRGHV	53	35
>VHL-L116V- RRIHSYRGHL'	336	>VHL-L116V- RRIHSYRGHV	791	455



>VHL-L116V- RRIHSYRGHLV	124	>VHL-L116V- RRIHSYRGHV	221	97
>VHL-L118H- LFRDAGTHDC	3507	>VHL-L118H- HFRDAGTHD	460	3047
>VHL-L118H- LFRDAGTHDC	1415	>VHL-L118H- HFRDAGTHD	127	1288
>VHL-L118H- WLFRDAGT	330	>VHL-L118H- WHFRDAGT	21981	21651
>VHL-L118H- WLFRDAGT	468	>VHL-L118H- WHFRDAGT	22181	21713
>VHL-L118H- WLFRDAGT	108	>VHL-L118H- WHFRDAGT	23981	23873
>VHL-L118H- WLFRDAGT	51	>VHL-L118H- WHFRDAGT	33366	33315
>VHL-L118H- RIHSYRGHLV	414	>VHL-L118H- RIHSYRGHLV	29649	29235
>VHL-L118H- RIHSYRGHLV	9681	>VHL-L118H- RIHSYRGHLV	407	9274
>VHL-L118H- RIHSYRGHLV	21	>VHL-L118H- RIHSYRGHLV	246	225
>VHL-L118H- LWLFRDAG	90	>VHL-L118H- LWHFRDAG	214	124
>VHL-L118H- HLWLFRDA	346	>VHL-L118H- HLWHRDA	197	149
>VHL-L118H- HLWLFRDAG	596	>VHL-L118H- HLWHRDAG	366	230
>VHL-L118H- RGHLWLFR	160	>VHL-L118H- RGHLWHFR	136	24
>VHL-L118H- RGHLWLFR	15	>VHL-L118H- RGHLWHFR	8	7
>VHL-L118H- RGHLWLFR	33	>VHL-L118H- RGHLWHFR	24	9
>VHL-L118H- YRGHLWLF	892	>VHL-L118H- YRGHLWHF	463	429
>VHL-L118H- YRGHLWLF	109	>VHL-L118H- YRGHLWHF	68	41
>VHL-L118H- YRGHLWLF	75	>VHL-L118H- YRGHLWHF	85	10
>VHL-L118H- YRGHLWLFR	66	>VHL-L118H- YRGHLWHFR	67	1
>VHL-L118H- YRGHLWLFR	44	>VHL-L118H- YRGHLWHFR	43	1
>VHL-L118H- SYRGHLWLF	32	>VHL-L118H- SYRGHLWHF	26	6
>VHL-L118H- SYRGHLWLF	24	>VHL-L118H- SYRGHLWHF	45	21
>VHL-L118H- SYRGHLWL	17	>VHL-L118H- SYRGHLWH	6708	6691
>VHL-L118H- SYRGHLWLF	5	>VHL-L118H- SYRGHLWHF	5	0
>VHL-L118H- SYRGHLWLF	351	>VHL-L118H- SYRGHLWHF	29	322
>VHL-L118H- SYRGHLWLF	96	>VHL-L118H- SYRGHLWHF	428	332
>VHL-L118H- SYRGHLWL	38	>VHL-L118H- SYRGHLWH	524	486
>VHL-L118H- SYRGHLWLFF	11	>VHL-L118H- SYRGHLWHF	13	2
>VHL-L118H- SYRGHLWLFF	7	>VHL-L118H- SYRGHLWHF	5	2
>VHL-L118H- SYRGHLWLFF	88	>VHL-L118H- SYRGHLWHF	125	37
>VHL-L118H- SYRGHLWLFF	265	>VHL-L118H- SYRGHLWHF	314	49
>VHL-L118H- SYRGHLWLFF	396	>VHL-L118H- SYRGHLWHF	306	90
>VHL-L118H- SYRGHLWLFF	23	>VHL-L118H- SYRGHLWHF	22	1
>VHL-L118H- SYRGHLWL	262	>VHL-L118H- SYRGHLWH	6334	6072
>VHL-L118H- SYRGHLWLFF	430	>VHL-L118H- SYRGHLWHF	1791	1361
>VHL-L118H- SYRGHLWL	420	>VHL-L118H- SYRGHLWH	2490	2070
>VHL-L118H- SYRGHLWLF	277	>VHL-L118H- SYRGHLWHF	648	371
>VHL-L118H- HSYRGHLWL	7430	>VHL-L118H- HSYRGHLWH	236	7194
>VHL-L118H- HSYRGHLWLI	50	>VHL-L118H- HSYRGHLWH	84	34
>VHL-L118H- HSYRGHLWLI	47	>VHL-L118H- HSYRGHLWH	64	17
>VHL-L118H- HSYRGHLWLI	376	>VHL-L118H- HSYRGHLWH	287	89
>VHL-L118H- HSYRGHLWLI	178	>VHL-L118H- HSYRGHLWH	40	138

>VHL-L118H- HSYRGHLWL	93	>VHL-L118H- HSYRGHLWH	1577	1484
>VHL-L118H- HSYRGHLWLI	27	>VHL-L118H- HSYRGHLWH	42	15
>VHL-L118H- HSYRGHLWLI	457	>VHL-L118H- HSYRGHLWH	878	421
>VHL-L118H- HSYRGHLWLI	8	>VHL-L118H- HSYRGHLWH	6	2
>VHL-L118H- HSYRGHLWLI	293	>VHL-L118H- HSYRGHLWH	506	213
>VHL-L118H- HSYRGHLWLI	27	>VHL-L118H- HSYRGHLWH	22	5
>VHL-L118H- HSYRGHLWLI	9	>VHL-L118H- HSYRGHLWH	6	3
>VHL-L118H- HSYRGHLWLI	623	>VHL-L118H- HSYRGHLWH	117	506
>VHL-L118H- HSYRGHLWLI	36	>VHL-L118H- HSYRGHLWH	20	16
>VHL-L118H- HSYRGHLWL	5	>VHL-L118H- HSYRGHLWH	59	54
>VHL-L118H- HSYRGHLWLI	62	>VHL-L118H- HSYRGHLWH	56	6
>VHL-L118H- HSYRGHLWL	339	>VHL-L118H- HSYRGHLWH	6563	6224
>VHL-L118H- HSYRGHLWLI	19	>VHL-L118H- HSYRGHLWH	17	2
>VHL-L118H- HSYRGHLWL	126	>VHL-L118H- HSYRGHLWH	281	155
>VHL-L118H- HSYRGHLWLI	55	>VHL-L118H- HSYRGHLWH	200	145
>VHL-L118H- HSYRGHLWLI	300	>VHL-L118H- HSYRGHLWH	245	55
>VHL-L118H- HSYRGHLWLI	46	>VHL-L118H- HSYRGHLWH	43	3
>VHL-L118H- HSYRGHLWL	153	>VHL-L118H- HSYRGHLWH	33902	33749
>VHL-L118H- IHSYRGHLWL	569	>VHL-L118H- IHSYRGHLWH	435	134
>VHL-L118H- IHSYRGHLWL	131	>VHL-L118H- IHSYRGHLWH	324	193
>VHL-L118H- IHSYRGHLWL	91	>VHL-L118H- IHSYRGHLWH	48	43
>VHL-L118H- IHSYRGHLWL	402	>VHL-L118H- IHSYRGHLWH	1358	956
>VHL-L118P- WLFRDAGT	330	>VHL-L118P- WPFRDAGT	23133	22803
>VHL-L118P- WLFRDAGT	468	>VHL-L118P- WPFRDAGT	22501	22033
>VHL-L118P- WLFRDAGT	108	>VHL-L118P- WPFRDAGT	26747	26639
>VHL-L118P- WLFRDAGT	51	>VHL-L118P- WPFRDAGT	35716	35665
>VHL-L118P- WLFRDAGT	10610	>VHL-L118P- WPFRDAGT	330	10280
>VHL-L118P- WLFRDAGTH	2673	>VHL-L118P- WPFRDAGTH	45	2628
>VHL-L118P- RIHSYRGHLV	414	>VHL-L118P- RIHSYRGHLV	27699	27285
>VHL-L118P- RIHSYRGHLV	21	>VHL-L118P- RIHSYRGHLV	205	184
>VHL-L118P- LWLFRDAG	90	>VHL-L118P- LWLFRDAG	244	154
>VHL-L118P- HLWLFRDA	1175	>VHL-L118P- HLWLFRDA	212	963
>VHL-L118P- HLWLFRDAG	1311	>VHL-L118P- HLWLFRDAG	276	1035
>VHL-L118P- HLWLFRDA	1111	>VHL-L118P- HLWLFRDA	361	750
>VHL-L118P- HLWLFRDA	346	>VHL-L118P- HLWLFRDA	45	301
>VHL-L118P- HLWLFRDAG	596	>VHL-L118P- HLWLFRDAG	71	525
>VHL-L118P- RGHLWLFR	160	>VHL-L118P- RGHLWLFR	114	46
>VHL-L118P- RGHLWLFR	15	>VHL-L118P- RGHLWLFR	15	0
>VHL-L118P- RGHLWLFR	33	>VHL-L118P- RGHLWLFR	29	4
>VHL-L118P- YRGHLWLF	109	>VHL-L118P- YRGHLWLF	32	77
>VHL-L118P- YRGHLWLF	75	>VHL-L118P- YRGHLWLF	85	10
>VHL-L118P- YRGHLWLF	66	>VHL-L118P- YRGHLWLF	159	93
>VHL-L118P- YRGHLWLF	44	>VHL-L118P- YRGHLWLF	99	55

>VHL-L118P- SYRGHLWLF	32	>VHL-L118P- SYRGHLWPF	58	26
>VHL-L118P- SYRGHLWLF	24	>VHL-L118P- SYRGHLWPF	61	37
>VHL-L118P- SYRGHLWL	17	>VHL-L118P- SYRGHLWP	7193	7176
>VHL-L118P- SYRGHLWLF	5	>VHL-L118P- SYRGHLWPF	6	1
>VHL-L118P- SYRGHLWLF	351	>VHL-L118P- SYRGHLWPF	45	306
>VHL-L118P- SYRGHLWLF	96	>VHL-L118P- SYRGHLWPF	449	353
>VHL-L118P- SYRGHLWL	38	>VHL-L118P- SYRGHLWP	468	430
>VHL-L118P- SYRGHLWLF	840	>VHL-L118P- SYRGHLWPF	298	542
>VHL-L118P- SYRGHLWLFF	11	>VHL-L118P- SYRGHLWPFIF	8	3
>VHL-L118P- SYRGHLWLFF	7	>VHL-L118P- SYRGHLWPFIF	10	3
>VHL-L118P- SYRGHLWLFF	88	>VHL-L118P- SYRGHLWPFIF	382	294
>VHL-L118P- SYRGHLWLFF	265	>VHL-L118P- SYRGHLWPFIF	414	149
>VHL-L118P- SYRGHLWLFF	396	>VHL-L118P- SYRGHLWPFIF	604	208
>VHL-L118P- SYRGHLWLFF	23	>VHL-L118P- SYRGHLWPFIF	26	3
>VHL-L118P- SYRGHLWL	262	>VHL-L118P- SYRGHLWP	8822	8560
>VHL-L118P- SYRGHLWLFF	430	>VHL-L118P- SYRGHLWPFIF	1764	1334
>VHL-L118P- SYRGHLWL	420	>VHL-L118P- SYRGHLWP	1636	1216
>VHL-L118P- SYRGHLWLF	277	>VHL-L118P- SYRGHLWPF	260	17
>VHL-L118P- SYRGHLWLFF	523	>VHL-L118P- SYRGHLWPFIF	289	234
>VHL-L118P- HSYRGHLWLI	50	>VHL-L118P- HSYRGHLWP	72	22
>VHL-L118P- HSYRGHLWLI	47	>VHL-L118P- HSYRGHLWP	95	48
>VHL-L118P- HSYRGHLWLI	376	>VHL-L118P- HSYRGHLWP	768	392
>VHL-L118P- HSYRGHLWLI	178	>VHL-L118P- HSYRGHLWP	48	130
>VHL-L118P- HSYRGHLWL	93	>VHL-L118P- HSYRGHLWP	1568	1475
>VHL-L118P- HSYRGHLWLI	27	>VHL-L118P- HSYRGHLWP	22	5
>VHL-L118P- HSYRGHLWLI	457	>VHL-L118P- HSYRGHLWP	970	513
>VHL-L118P- HSYRGHLWLI	8	>VHL-L118P- HSYRGHLWP	7	1
>VHL-L118P- HSYRGHLWLI	293	>VHL-L118P- HSYRGHLWP	56	237
>VHL-L118P- HSYRGHLWLI	27	>VHL-L118P- HSYRGHLWP	29	2
>VHL-L118P- HSYRGHLWLI	9	>VHL-L118P- HSYRGHLWP	8	1
>VHL-L118P- HSYRGHLWLI	623	>VHL-L118P- HSYRGHLWP	85	538
>VHL-L118P- HSYRGHLWLI	36	>VHL-L118P- HSYRGHLWP	10	26
>VHL-L118P- HSYRGHLWL	5	>VHL-L118P- HSYRGHLWP	3793	3788
>VHL-L118P- HSYRGHLWLI	62	>VHL-L118P- HSYRGHLWP	64	2
>VHL-L118P- HSYRGHLWL	339	>VHL-L118P- HSYRGHLWP	18379	18040
>VHL-L118P- HSYRGHLWLI	19	>VHL-L118P- HSYRGHLWP	24	5
>VHL-L118P- HSYRGHLWL	126	>VHL-L118P- HSYRGHLWP	8972	8846
>VHL-L118P- HSYRGHLWLI	55	>VHL-L118P- HSYRGHLWP	170	115
>VHL-L118P- HSYRGHLWLI	300	>VHL-L118P- HSYRGHLWP	413	113
>VHL-L118P- HSYRGHLWLI	46	>VHL-L118P- HSYRGHLWP	69	23
>VHL-L118P- HSYRGHLWL	153	>VHL-L118P- HSYRGHLWP	18802	18649
>VHL-L118P- IHSYRGHLWL	131	>VHL-L118P- IHSYRGHLWF	383	252
>VHL-L118P- IHSYRGHLWL	91	>VHL-L118P- IHSYRGHLWF	20	71

>VHL-L118P- IHSYRGHLWL	402	>VHL-L118P- IHSYRGHLWF	389	13
>VHL-L128H- LLVNQTEL	146	>VHL-L128H- HLVNQTEL	531	385
>VHL-L128H- LLVNQTELFV	17	>VHL-L128H- HLVNQTELFV	32	15
>VHL-L128H- LLVNQTEL	11	>VHL-L128H- HLVNQTEL	14	3
>VHL-L128H- LLVNQTELF	408	>VHL-L128H- HLVNQTELF	693	285
>VHL-L128H- LLVNQTELFV	15	>VHL-L128H- HLVNQTELFV	29	14
>VHL-L128H- LLVNQTEL	32	>VHL-L128H- HLVNQTEL	86	54
>VHL-L128H- LLVNQTELFV	28	>VHL-L128H- HLVNQTELFV	67	39
>VHL-L128H- LLVNQTEL	155	>VHL-L128H- HLVNQTEL	712	557
>VHL-L128H- LLVNQTELFV	61	>VHL-L128H- HLVNQTELFV	246	185
>VHL-L128H- LLVNQTEL	20	>VHL-L128H- HLVNQTEL	96	76
>VHL-L128H- LLVNQTELFV	3	>VHL-L128H- HLVNQTELFV	8	5
>VHL-L128H- LLVNQTEL	29	>VHL-L128H- HLVNQTEL	46	17
>VHL-L128H- LLVNQTELFV	6	>VHL-L128H- HLVNQTELFV	8	2
>VHL-L128H- LLVNQTEL	65	>VHL-L128H- HLVNQTEL	149	84
>VHL-L128H- LLVNQTELFV	7	>VHL-L128H- HLVNQTELFV	10	3
>VHL-L128H- LLVNQTEL	279	>VHL-L128H- HLVNQTEL	1368	1089
>VHL-L128H- LLVNQTELFV	9	>VHL-L128H- HLVNQTELFV	48	39
>VHL-L128H- LLVNQTEL	3	>VHL-L128H- HLVNQTEL	6	3
>VHL-L128H- LLVNQTELFV	2	>VHL-L128H- HLVNQTELFV	4	2
>VHL-L128H- LLVNQTELF	645	>VHL-L128H- HLVNQTELF	131	514
>VHL-L128H- LLVNQTELFV	1800	>VHL-L128H- HLVNQTELFV	434	1366
>VHL-L128H- LLVNQTELF	85	>VHL-L128H- HLVNQTELF	230	145
>VHL-L128H- LLVNQTELF	991	>VHL-L128H- HLVNQTELF	267	724
>VHL-L128H- LLVNQTELF	77	>VHL-L128H- HLVNQTELF	158	81
>VHL-L128H- GLLVNQTEL	76	>VHL-L128H- GHLVNQTEL	394	318
>VHL-L128H- GLLVNQTEL	171	>VHL-L128H- GHLVNQTEL	23368	23197
>VHL-L128H- GLLVNQTELF	31	>VHL-L128H- GHLVNQTELF	20556	20525
>VHL-L128H- GLLVNQTEL	66	>VHL-L128H- GHLVNQTEL	17637	17571
>VHL-L128H- GLLVNQTELF	83	>VHL-L128H- GHLVNQTELF	13776	13693
>VHL-L128H- GLLVNQTELF	237	>VHL-L128H- GHLVNQTELF	17718	17481
>VHL-L128H- GLLVNQTELF	81	>VHL-L128H- GHLVNQTELF	13046	12965
>VHL-L128H- GLLVNQTEL	27	>VHL-L128H- GHLVNQTEL	20653	20626
>VHL-L128H- GLLVNQTELF	3	>VHL-L128H- GHLVNQTELF	7374	7371
>VHL-L128H- GLLVNQTEL	17	>VHL-L128H- GHLVNQTEL	18595	18578
>VHL-L128H- GLLVNQTELF	4	>VHL-L128H- GHLVNQTELF	8941	8937
>VHL-L128H- GLLVNQTEL	17	>VHL-L128H- GHLVNQTEL	17219	17202
>VHL-L128H- GLLVNQTELF	4	>VHL-L128H- GHLVNQTELF	2651	2647
>VHL-L128H- GLLVNQTEL	74	>VHL-L128H- GHLVNQTEL	23790	23716
>VHL-L128H- GLLVNQTELF	5	>VHL-L128H- GHLVNQTELF	18222	18217
>VHL-L128H- GLLVNQTEL	8	>VHL-L128H- GHLVNQTEL	25830	25822
>VHL-L128H- GLLVNQTELF	4	>VHL-L128H- GHLVNQTELF	12328	12324
>VHL-L128H- GLLVNQTELF	484	>VHL-L128H- GHLVNQTELF	352	132

>VHL-L128H- HDGLLVNQTI	237	>VHL-L128H- HDGHLVNQT	224	13
>VHL-L128H- GTHDGLLV	122	>VHL-L128H- GTHDGHLV	216	94
>VHL-L128H- GTHDGLLV	193	>VHL-L128H- GTHDGHLV	563	370
>VHL-L128H- GTHDGLLV	78	>VHL-L128H- GTHDGHLV	46	32
>VHL-L128H- GTHDGLLV	204	>VHL-L128H- GTHDGHLV	228	24
>VHL-L128H- GTHDGLLV	46	>VHL-L128H- GTHDGHLV	20	26
>VHL-L128H- RDAGTHDGL	367	>VHL-L128H- RDAGTHDGH	1427	1060
>VHL-L128H- RDAGTHDGL	133	>VHL-L128H- RDAGTHDGH	142	9
>VHL-L128H- FRDAGTHDG	376	>VHL-L128H- FRDAGTHDG	5909	5533
>VHL-L128H- FRDAGTHDG	17	>VHL-L128H- FRDAGTHDG	4079	4062
>VHL-L128H- FRDAGTHDG	35	>VHL-L128H- FRDAGTHDG	90	55
>VHL-L128I-v LLVNQTEL	146	>VHL-L128I-r ILVNQTEL	138	8
>VHL-L128I-v LLVNQTELFV	17	>VHL-L128I-r ILVNQTELFV	15	2
>VHL-L128I-v LLVNQTEL	11	>VHL-L128I-r ILVNQTEL	10	1
>VHL-L128I-v LLVNQTELF	408	>VHL-L128I-r ILVNQTELF	473	65
>VHL-L128I-v LLVNQTELFV	15	>VHL-L128I-r ILVNQTELFV	17	2
>VHL-L128I-v LLVNQTEL	32	>VHL-L128I-r ILVNQTEL	35	3
>VHL-L128I-v LLVNQTELFV	28	>VHL-L128I-r ILVNQTELFV	29	1
>VHL-L128I-v LLVNQTEL	155	>VHL-L128I-r ILVNQTEL	181	26
>VHL-L128I-v LLVNQTELFV	61	>VHL-L128I-r ILVNQTELFV	84	23
>VHL-L128I-v LLVNQTEL	20	>VHL-L128I-r ILVNQTEL	20	0
>VHL-L128I-v LLVNQTELFV	3	>VHL-L128I-r ILVNQTELFV	3	0
>VHL-L128I-v LLVNQTEL	29	>VHL-L128I-r ILVNQTEL	49	20
>VHL-L128I-v LLVNQTELFV	6	>VHL-L128I-r ILVNQTELFV	7	1
>VHL-L128I-v LLVNQTEL	65	>VHL-L128I-r ILVNQTEL	81	16
>VHL-L128I-v LLVNQTELFV	7	>VHL-L128I-r ILVNQTELFV	7	0
>VHL-L128I-v LLVNQTEL	279	>VHL-L128I-r ILVNQTEL	218	61
>VHL-L128I-v LLVNQTELFV	9	>VHL-L128I-r ILVNQTELFV	7	2
>VHL-L128I-v LLVNQTEL	3	>VHL-L128I-r ILVNQTEL	4	1
>VHL-L128I-v LLVNQTELFV	2	>VHL-L128I-r ILVNQTELFV	3	1
>VHL-L128I-v LLVNQTELF	907	>VHL-L128I-r ILVNQTELF	321	586
>VHL-L128I-v LLVNQTELF	645	>VHL-L128I-r ILVNQTELF	213	432
>VHL-L128I-v LLVNQTELF	85	>VHL-L128I-r ILVNQTELF	188	103
>VHL-L128I-v LLVNQTELF	77	>VHL-L128I-r ILVNQTELF	58	19
>VHL-L128I-v GLLVNQTEL	76	>VHL-L128I-r GILVNQTEL	125	49
>VHL-L128I-v GLLVNQTEL	171	>VHL-L128I-r GILVNQTEL	2970	2799
>VHL-L128I-v GLLVNQTELF	31	>VHL-L128I-r GILVNQTELF	324	293
>VHL-L128I-v GLLVNQTEL	66	>VHL-L128I-r GILVNQTEL	853	787
>VHL-L128I-v GLLVNQTELF	83	>VHL-L128I-r GILVNQTELF	727	644
>VHL-L128I-v GLLVNQTELF	237	>VHL-L128I-r GILVNQTELF	999	762
>VHL-L128I-v GLLVNQTELF	81	>VHL-L128I-r GILVNQTELF	89	8
>VHL-L128I-v GLLVNQTEL	27	>VHL-L128I-r GILVNQTEL	770	743
>VHL-L128I-v GLLVNQTELF	3	>VHL-L128I-r GILVNQTELF	28	25

>VHL-L128I-v GLLVNQTEL	17	>VHL-L128I-r GILVNQTEL	550	533
>VHL-L128I-v GLLVNQTELF	4	>VHL-L128I-r GILVNQTELF\	46	42
>VHL-L128I-v GLLVNQTEL	17	>VHL-L128I-r GILVNQTEL	420	403
>VHL-L128I-v GLLVNQTELF	4	>VHL-L128I-r GILVNQTELF\	12	8
>VHL-L128I-v GLLVNQTEL	74	>VHL-L128I-r GILVNQTEL	3109	3035
>VHL-L128I-v GLLVNQTELF	5	>VHL-L128I-r GILVNQTELF\	129	124
>VHL-L128I-v GLLVNQTEL	8	>VHL-L128I-r GILVNQTEL	138	130
>VHL-L128I-v GLLVNQTELF	4	>VHL-L128I-r GILVNQTELF\	24	20
>VHL-L128I-v GLLVNQTELF	484	>VHL-L128I-r GILVNQTELF	1988	1504
>VHL-L128I-v LFRDAGTHDC	1415	>VHL-L128I-r LFRDAGTHDC	493	922
>VHL-L128I-v HDGLLVNQTI	237	>VHL-L128I-r HDGILVNQTE	248	11
>VHL-L128I-v GTHDGLLV	122	>VHL-L128I-r GTHDGILV	169	47
>VHL-L128I-v GTHDGLLV	193	>VHL-L128I-r GTHDGILV	216	23
>VHL-L128I-v GTHDGLLV	78	>VHL-L128I-r GTHDGILV	38	40
>VHL-L128I-v GTHDGLLV	204	>VHL-L128I-r GTHDGILV	125	79
>VHL-L128I-v GTHDGLLV	46	>VHL-L128I-r GTHDGILV	34	12
>VHL-L128I-v RDAGTHDGL	367	>VHL-L128I-r RDAGTHDGIL	581	214
>VHL-L128I-v RDAGTHDGL	133	>VHL-L128I-r RDAGTHDGIL	211	78
>VHL-L128I-v FRDAGTHDG	376	>VHL-L128I-r FRDAGTHDG	1357	981
>VHL-L128I-v FRDAGTHDG	17	>VHL-L128I-r FRDAGTHDG	123	106
>VHL-L128I-v FRDAGTHDG	35	>VHL-L128I-r FRDAGTHDG	20	15
>VHL-L128P- LLVNQTEL	146	>VHL-L128P- PLVNQTEL	8478	8332
>VHL-L128P- LLVNQTELFV	17	>VHL-L128P- PLVNQTELFV	1014	997
>VHL-L128P- LLVNQTEL	11	>VHL-L128P- PLVNQTEL	365	354
>VHL-L128P- LLVNQTELF	408	>VHL-L128P- PLVNQTELF	9128	8720
>VHL-L128P- LLVNQTELFV	15	>VHL-L128P- PLVNQTELFV	365	350
>VHL-L128P- LLVNQTEL	32	>VHL-L128P- PLVNQTEL	3278	3246
>VHL-L128P- LLVNQTELFV	28	>VHL-L128P- PLVNQTELFV	685	657
>VHL-L128P- LLVNQTEL	155	>VHL-L128P- PLVNQTEL	11625	11470
>VHL-L128P- LLVNQTELFV	61	>VHL-L128P- PLVNQTELFV	4614	4553
>VHL-L128P- LLVNQTEL	20	>VHL-L128P- PLVNQTEL	675	655
>VHL-L128P- LLVNQTELFV	3	>VHL-L128P- PLVNQTELFV	32	29
>VHL-L128P- LLVNQTEL	29	>VHL-L128P- PLVNQTEL	2798	2769
>VHL-L128P- LLVNQTELFV	6	>VHL-L128P- PLVNQTELFV	363	357
>VHL-L128P- LLVNQTEL	65	>VHL-L128P- PLVNQTEL	1005	940
>VHL-L128P- LLVNQTELFV	7	>VHL-L128P- PLVNQTELFV	24	17
>VHL-L128P- LLVNQTEL	279	>VHL-L128P- PLVNQTEL	3604	3325
>VHL-L128P- LLVNQTELFV	9	>VHL-L128P- PLVNQTELFV	106	97
>VHL-L128P- LLVNQTEL	3	>VHL-L128P- PLVNQTEL	36	33
>VHL-L128P- LLVNQTELFV	2	>VHL-L128P- PLVNQTELFV	14	12
>VHL-L128P- LLVNQTELF	85	>VHL-L128P- PLVNQTELF	6279	6194
>VHL-L128P- LLVNQTELF	77	>VHL-L128P- PLVNQTELF	1787	1710
>VHL-L128P- GLLVNQTEL	76	>VHL-L128P- GPLVNQTEL	395	319

>VHL-L128P- GLLVNQTEL	27516	>VHL-L128P- GPLVNQTEL	120	27396
>VHL-L128P- GLLVNQTELF	29294	>VHL-L128P- GPLVNQTELF	420	28874
>VHL-L128P- GLLVNQTEL	171	>VHL-L128P- GPLVNQTEL	23688	23517
>VHL-L128P- GLLVNQTELF	31	>VHL-L128P- GPLVNQTELF	21294	21263
>VHL-L128P- GLLVNQTEL	66	>VHL-L128P- GPLVNQTEL	29344	29278
>VHL-L128P- GLLVNQTELF	83	>VHL-L128P- GPLVNQTELF	26504	26421
>VHL-L128P- GLLVNQTELF	237	>VHL-L128P- GPLVNQTELF	18843	18606
>VHL-L128P- GLLVNQTELF	81	>VHL-L128P- GPLVNQTELF	12705	12624
>VHL-L128P- GLLVNQTEL	27	>VHL-L128P- GPLVNQTEL	23376	23349
>VHL-L128P- GLLVNQTELF	3	>VHL-L128P- GPLVNQTELF	10536	10533
>VHL-L128P- GLLVNQTEL	17	>VHL-L128P- GPLVNQTEL	20259	20242
>VHL-L128P- GLLVNQTELF	4	>VHL-L128P- GPLVNQTELF	12205	12201
>VHL-L128P- GLLVNQTEL	17	>VHL-L128P- GPLVNQTEL	19776	19759
>VHL-L128P- GLLVNQTELF	4	>VHL-L128P- GPLVNQTELF	5222	5218
>VHL-L128P- GLLVNQTEL	74	>VHL-L128P- GPLVNQTEL	24105	24031
>VHL-L128P- GLLVNQTELF	5	>VHL-L128P- GPLVNQTELF	18744	18739
>VHL-L128P- GLLVNQTEL	8	>VHL-L128P- GPLVNQTEL	29243	29235
>VHL-L128P- GLLVNQTELF	4	>VHL-L128P- GPLVNQTELF	17865	17861
>VHL-L128P- GLLVNQTEL	20920	>VHL-L128P- GPLVNQTEL	444	20476
>VHL-L128P- GLLVNQTELF	484	>VHL-L128P- GPLVNQTELF	3040	2556
>VHL-L128P- GLLVNQTELF	21693	>VHL-L128P- GPLVNQTELF	186	21507
>VHL-L128P- DGLLVNQTEL	23040	>VHL-L128P- DGPLVNQTEI	213	22827
>VHL-L128P- HDGLLVNQTI	237	>VHL-L128P- HDGPLVNQT	373	136
>VHL-L128P- GTHDGLLV	122	>VHL-L128P- GTHDGPLV	240	118
>VHL-L128P- GTHDGLLV	193	>VHL-L128P- GTHDGPLV	707	514
>VHL-L128P- GTHDGLLV	78	>VHL-L128P- GTHDGPLV	49	29
>VHL-L128P- GTHDGLLV	204	>VHL-L128P- GTHDGPLV	110	94
>VHL-L128P- GTHDGLLV	46	>VHL-L128P- GTHDGPLV	43	3
>VHL-L128P- GTHDGLLV	611	>VHL-L128P- GTHDGPLV	421	190
>VHL-L128P- RDAGTHDGL	367	>VHL-L128P- RDAGTHDGP	1042	675
>VHL-L128P- RDAGTHDGL	133	>VHL-L128P- RDAGTHDGP	264	131
>VHL-L128P- FRDAGTHDG	376	>VHL-L128P- FRDAGTHDG	17633	17257
>VHL-L128P- FRDAGTHDG	17	>VHL-L128P- FRDAGTHDG	6481	6464
>VHL-L128P- FRDAGTHDG	35	>VHL-L128P- FRDAGTHDG	14	21
>VHL-L128R- LLVNQTEL	146	>VHL-L128R- RLVNQTEL	218	72
>VHL-L128R- LLVNQTELFV	17	>VHL-L128R- RLVNQTELFV	19	2
>VHL-L128R- LLVNQTEL	11	>VHL-L128R- RLVNQTEL	16	5
>VHL-L128R- LLVNQTELF	408	>VHL-L128R- RLVNQTELF	1101	693
>VHL-L128R- LLVNQTELFV	15	>VHL-L128R- RLVNQTELFV	22	7
>VHL-L128R- LLVNQTEL	32	>VHL-L128R- RLVNQTEL	33	1
>VHL-L128R- LLVNQTELFV	28	>VHL-L128R- RLVNQTELFV	34	6
>VHL-L128R- LLVNQTEL	155	>VHL-L128R- RLVNQTEL	206	51
>VHL-L128R- LLVNQTELFV	61	>VHL-L128R- RLVNQTELFV	117	56

>VHL-L128R- LLVNQTEL	20	>VHL-L128R- RLVNQTEL	20	0
>VHL-L128R- LLVNQTELFV	3	>VHL-L128R- RLVNQTELFV	3	0
>VHL-L128R- LLVNQTEL	29	>VHL-L128R- RLVNQTEL	38	9
>VHL-L128R- LLVNQTELFV	6	>VHL-L128R- RLVNQTELFV	6	0
>VHL-L128R- LLVNQTEL	65	>VHL-L128R- RLVNQTEL	68	3
>VHL-L128R- LLVNQTELFV	7	>VHL-L128R- RLVNQTELFV	8	1
>VHL-L128R- LLVNQTEL	279	>VHL-L128R- RLVNQTEL	851	572
>VHL-L128R- LLVNQTELFV	9	>VHL-L128R- RLVNQTELFV	26	17
>VHL-L128R- LLVNQTEL	3	>VHL-L128R- RLVNQTEL	7	4
>VHL-L128R- LLVNQTELFV	2	>VHL-L128R- RLVNQTELFV	4	2
>VHL-L128R- LLVNQTELF	907	>VHL-L128R- RLVNQTELF	445	462
>VHL-L128R- LLVNQTEL	5948	>VHL-L128R- RLVNQTEL	95	5853
>VHL-L128R- LLVNQTELF	645	>VHL-L128R- RLVNQTELF	17	628
>VHL-L128R- LLVNQTELF	85	>VHL-L128R- RLVNQTELF	86	1
>VHL-L128R- LLVNQTEL	668	>VHL-L128R- RLVNQTEL	369	299
>VHL-L128R- LLVNQTELF	77	>VHL-L128R- RLVNQTELF	51	26
>VHL-L128R- GLLVNQTEL	76	>VHL-L128R- GRLVNQTEL	1255	1179
>VHL-L128R- GLLVNQTEL	171	>VHL-L128R- GRLVNQTEL	23560	23389
>VHL-L128R- GLLVNQTELF	31	>VHL-L128R- GRLVNQTELF	20908	20877
>VHL-L128R- GLLVNQTEL	66	>VHL-L128R- GRLVNQTEL	22460	22394
>VHL-L128R- GLLVNQTELF	83	>VHL-L128R- GRLVNQTELF	17496	17413
>VHL-L128R- GLLVNQTELF	237	>VHL-L128R- GRLVNQTELF	17222	16985
>VHL-L128R- GLLVNQTELF	81	>VHL-L128R- GRLVNQTELF	11610	11529
>VHL-L128R- GLLVNQTEL	27	>VHL-L128R- GRLVNQTEL	21186	21159
>VHL-L128R- GLLVNQTELF	3	>VHL-L128R- GRLVNQTELF	7800	7797
>VHL-L128R- GLLVNQTEL	17	>VHL-L128R- GRLVNQTEL	18741	18724
>VHL-L128R- GLLVNQTELF	4	>VHL-L128R- GRLVNQTELF	8675	8671
>VHL-L128R- GLLVNQTEL	17	>VHL-L128R- GRLVNQTEL	17904	17887
>VHL-L128R- GLLVNQTELF	4	>VHL-L128R- GRLVNQTELF	3239	3235
>VHL-L128R- GLLVNQTEL	74	>VHL-L128R- GRLVNQTEL	23523	23449
>VHL-L128R- GLLVNQTELF	5	>VHL-L128R- GRLVNQTELF	17586	17581
>VHL-L128R- GLLVNQTEL	8	>VHL-L128R- GRLVNQTEL	24513	24505
>VHL-L128R- GLLVNQTELF	4	>VHL-L128R- GRLVNQTELF	11130	11126
>VHL-L128R- GLLVNQTELF	484	>VHL-L128R- GRLVNQTELF	140	344
>VHL-L128R- GLLVNQTEL	19740	>VHL-L128R- GRLVNQTEL	90	19650
>VHL-L128R- GLLVNQTELF	25429	>VHL-L128R- GRLVNQTELF	79	25350
>VHL-L128R- GLLVNQTELF	18908	>VHL-L128R- GRLVNQTELF	238	18670
>VHL-L128R- GLLVNQTEL	9383	>VHL-L128R- GRLVNQTEL	22	9361
>VHL-L128R- GLLVNQTELF	16395	>VHL-L128R- GRLVNQTELF	169	16226
>VHL-L128R- LFRDAGTHDC	18576	>VHL-L128R- LFRDAGTHDC	176	18400
>VHL-L128R- LFRDAGTHDC	22417	>VHL-L128R- LFRDAGTHDC	203	22214
>VHL-L128R- HDGLLVNQTI	237	>VHL-L128R- HDGRLVNQT	328	91
>VHL-L128R- GTHDGLLV	122	>VHL-L128R- GTHDGRLV	729	607



>VHL-L128R- GTHDGLLV	193	>VHL-L128R- GTHDGRLV	3001	2808
>VHL-L128R- GTHDGLLV	78	>VHL-L128R- GTHDGRLV	510	432
>VHL-L128R- GTHDGLLV	204	>VHL-L128R- GTHDGRLV	2509	2305
>VHL-L128R- GTHDGLLV	46	>VHL-L128R- GTHDGRLV	247	201
>VHL-L128R- DAGTHDGL	31842	>VHL-L128R- DAGTHDGR	142	31700
>VHL-L128R- RDAGTHDGL	367	>VHL-L128R- RDAGTHDGR	1177	810
>VHL-L128R- RDAGTHDGL	133	>VHL-L128R- RDAGTHDGR	320	187
>VHL-L128R- FRDAGTHDG	376	>VHL-L128R- FRDAGTHDG	1240	864
>VHL-L128R- FRDAGTHDG	17	>VHL-L128R- FRDAGTHDG	4740	4723
>VHL-L128R- FRDAGTHDG	35	>VHL-L128R- FRDAGTHDG	72	37
>VHL-L135F- <sup>-1</sup> LFVPSLNV	638	>VHL-L135F- <sup>-1</sup> FFVPSLNV	78	560
>VHL-L135F- <sup>-1</sup> LFVPSLNV	1788	>VHL-L135F- <sup>-1</sup> FFVPSLNV	147	1641
>VHL-L135F- <sup>-1</sup> LFVPSLNV	352	>VHL-L135F- <sup>-1</sup> FFVPSLNV	60	292
>VHL-L135F- <sup>-1</sup> LFVPSLNV	483	>VHL-L135F- <sup>-1</sup> FFVPSLNV	601	118
>VHL-L135F- <sup>-1</sup> ELFVPSLNV	336	>VHL-L135F- <sup>-1</sup> EFFVPSLNV	10377	10041
>VHL-L135F- <sup>-1</sup> ELFVPSLNV	10	>VHL-L135F- <sup>-1</sup> EFFVPSLNV	6517	6507
>VHL-L135F- <sup>-1</sup> ELFVPSLNV	173	>VHL-L135F- <sup>-1</sup> EFFVPSLNV	18740	18567
>VHL-L135F- <sup>-1</sup> ELFVPSLNV	16	>VHL-L135F- <sup>-1</sup> EFFVPSLNV	7382	7366
>VHL-L135F- <sup>-1</sup> ELFVPSLNV	29	>VHL-L135F- <sup>-1</sup> EFFVPSLNV	15357	15328
>VHL-L135F- <sup>-1</sup> ELFVPSLNV	12	>VHL-L135F- <sup>-1</sup> EFFVPSLNV	9851	9839
>VHL-L135F- <sup>-1</sup> ELFVPSLNV	31	>VHL-L135F- <sup>-1</sup> EFFVPSLNV	710	679
>VHL-L135F- <sup>-1</sup> ELFVPSLNV	8	>VHL-L135F- <sup>-1</sup> EFFVPSLNV	148	140
>VHL-L135F- <sup>-1</sup> HDGLLVNQTI	237	>VHL-L135F- <sup>-1</sup> HDGLLVNQTI	569	332
>VHL-L135F- <sup>-1</sup> TELFVPSL	46	>VHL-L135F- <sup>-1</sup> TEFFVPSL	69	23
>VHL-L135F- <sup>-1</sup> TELFVPSL	98	>VHL-L135F- <sup>-1</sup> TEFFVPSL	47	51
>VHL-L135F- <sup>-1</sup> TELFVPSL	471	>VHL-L135F- <sup>-1</sup> TEFFVPSL	212	259
>VHL-L135F- <sup>-1</sup> TELFVPSL	54	>VHL-L135F- <sup>-1</sup> TEFFVPSL	16	38
>VHL-L135F- <sup>-1</sup> TELFVPSL	49	>VHL-L135F- <sup>-1</sup> TEFFVPSL	28	21
>VHL-L135F- <sup>-1</sup> TELFVPSLNV	352	>VHL-L135F- <sup>-1</sup> TEFFVPSLNV	156	196
>VHL-L135F- <sup>-1</sup> TELFVPSL	491	>VHL-L135F- <sup>-1</sup> TEFFVPSL	203	288
>VHL-L135F- <sup>-1</sup> TELFVPSLNV	1852	>VHL-L135F- <sup>-1</sup> TEFFVPSLNV	492	1360
>VHL-L135F- <sup>-1</sup> TELFVPSLNV	129	>VHL-L135F- <sup>-1</sup> TEFFVPSLNV	117	12
>VHL-L135F- <sup>-1</sup> QTELFVPSL	513	>VHL-L135F- <sup>-1</sup> QTEFFVPSL	149	364
>VHL-L135F- <sup>-1</sup> QTELFVPSLN'	604	>VHL-L135F- <sup>-1</sup> QTEFFVPSLN'	164	440
>VHL-L135F- <sup>-1</sup> QTELFVPSL	386	>VHL-L135F- <sup>-1</sup> QTEFFVPSL	134	252
>VHL-L135F- <sup>-1</sup> QTELFVPSLN'	74	>VHL-L135F- <sup>-1</sup> QTEFFVPSLN'	34	40
>VHL-L135F- <sup>-1</sup> QTELFVPSL	59	>VHL-L135F- <sup>-1</sup> QTEFFVPSL	61	2
>VHL-L135F- <sup>-1</sup> QTELFVPSL	80	>VHL-L135F- <sup>-1</sup> QTEFFVPSL	117	37
>VHL-L135F- <sup>-1</sup> QTELFVPSL	1188	>VHL-L135F- <sup>-1</sup> QTEFFVPSL	410	778
>VHL-L135F- <sup>-1</sup> NQTELFVPSL	527	>VHL-L135F- <sup>-1</sup> NQTEFFVPSL	214	313
>VHL-L135F- <sup>-1</sup> NQTELFVPS	68	>VHL-L135F- <sup>-1</sup> NQTEFFVPS	41	27
>VHL-L135F- <sup>-1</sup> NQTELFVPSL	231	>VHL-L135F- <sup>-1</sup> NQTEFFVPSL	146	85
>VHL-L135F- <sup>-1</sup> NQTELFVPSL	316	>VHL-L135F- <sup>-1</sup> NQTEFFVPSL	111	205

>VHL-L135F-1 NQTELFVPSL	42	>VHL-L135F-1 NQTEFFVPSL	43	1
>VHL-L135F-1 NQTELFVPSL	513	>VHL-L135F-1 NQTEFFVPSL	349	164
>VHL-L135F-1 LVNQTELFV	1621	>VHL-L135F-1 LVNQTEFFV	178	1443
>VHL-L135F-1 LVNQTELFV	493	>VHL-L135F-1 LVNQTEFFV	57	436
>VHL-L135F-1 LVNQTELFV	423	>VHL-L135F-1 LVNQTEFFV	401	22
>VHL-L135F-1 LVNQTELFV	137	>VHL-L135F-1 LVNQTEFFV	16	121
>VHL-L135F-1 LVNQTELFV	66	>VHL-L135F-1 LVNQTEFFV	14	52
>VHL-L135F-1 LVNQTELFV	1677	>VHL-L135F-1 LVNQTEFFV	160	1517
>VHL-L135F-1 LVNQTELFV	56	>VHL-L135F-1 LVNQTEFFV	17	39
>VHL-L135F-1 LVNQTELFV	529	>VHL-L135F-1 LVNQTEFFV	15	514
>VHL-L135F-1 LVNQTELFV	17	>VHL-L135F-1 LVNQTEFFV	6	11
>VHL-L135F-1 LVNQTELFV	2621	>VHL-L135F-1 LVNQTEFFV	192	2429
>VHL-L135F-1 LVNQTELFV	1642	>VHL-L135F-1 LVNQTEFFV	213	1429
>VHL-L135F-1 LVNQTELF	220	>VHL-L135F-1 LVNQTEFF	191	29
>VHL-L135F-1 LVNQTELF	74	>VHL-L135F-1 LVNQTEFF	71	3
>VHL-L135F-1 LLVNQTEL	146	>VHL-L135F-1 LLVNQTEF	12956	12810
>VHL-L135F-1 LLVNQTELFV	17	>VHL-L135F-1 LLVNQTEFFV	11	6
>VHL-L135F-1 LLVNQTEL	11	>VHL-L135F-1 LLVNQTEF	813	802
>VHL-L135F-1 LLVNQTELF	408	>VHL-L135F-1 LLVNQTEFF	169	239
>VHL-L135F-1 LLVNQTELFV	15	>VHL-L135F-1 LLVNQTEFFV	11	4
>VHL-L135F-1 LLVNQTEL	32	>VHL-L135F-1 LLVNQTEF	3896	3864
>VHL-L135F-1 LLVNQTELFV	28	>VHL-L135F-1 LLVNQTEFFV	67	39
>VHL-L135F-1 LLVNQTEL	155	>VHL-L135F-1 LLVNQTEF	1445	1290
>VHL-L135F-1 LLVNQTELF	1048	>VHL-L135F-1 LLVNQTEFF	340	708
>VHL-L135F-1 LLVNQTELFV	61	>VHL-L135F-1 LLVNQTEFFV	50	11
>VHL-L135F-1 LLVNQTEL	20	>VHL-L135F-1 LLVNQTEF	2653	2633
>VHL-L135F-1 LLVNQTELFV	3	>VHL-L135F-1 LLVNQTEFFV	2	1
>VHL-L135F-1 LLVNQTEL	29	>VHL-L135F-1 LLVNQTEF	7586	7557
>VHL-L135F-1 LLVNQTELFV	6	>VHL-L135F-1 LLVNQTEFFV	3	3
>VHL-L135F-1 LLVNQTEL	65	>VHL-L135F-1 LLVNQTEF	12869	12804
>VHL-L135F-1 LLVNQTELFV	7	>VHL-L135F-1 LLVNQTEFFV	5	2
>VHL-L135F-1 LLVNQTEL	279	>VHL-L135F-1 LLVNQTEF	16185	15906
>VHL-L135F-1 LLVNQTELFV	9	>VHL-L135F-1 LLVNQTEFFV	3	6
>VHL-L135F-1 LLVNQTEL	3	>VHL-L135F-1 LLVNQTEF	986	983
>VHL-L135F-1 LLVNQTELFV	2	>VHL-L135F-1 LLVNQTEFFV	2	0
>VHL-L135F-1 LLVNQTEL	1369	>VHL-L135F-1 LLVNQTEF	64	1305
>VHL-L135F-1 LLVNQTELF	85	>VHL-L135F-1 LLVNQTEFF	61	24
>VHL-L135F-1 LLVNQTEL	668	>VHL-L135F-1 LLVNQTEF	24	644
>VHL-L135F-1 LLVNQTELF	77	>VHL-L135F-1 LLVNQTEFF	52	25
>VHL-L135F-1 GLLVNQTEL	76	>VHL-L135F-1 GLLVNQTEF	1870	1794
>VHL-L135F-1 GLLVNQTEL	171	>VHL-L135F-1 GLLVNQTEF	14821	14650
>VHL-L135F-1 GLLVNQTELF	31	>VHL-L135F-1 GLLVNQTEFF	16	15
>VHL-L135F-1 GLLVNQTEL	66	>VHL-L135F-1 GLLVNQTEF	6064	5998

>VHL-L135F- <sup>-</sup> GLLVNQTELF	83	>VHL-L135F- <sup>-</sup> GLLVNQTEFF	22	61
>VHL-L135F- <sup>-</sup> GLLVNQTELF	237	>VHL-L135F- <sup>-</sup> GLLVNQTEFF	197	40
>VHL-L135F- <sup>-</sup> GLLVNQTELF	81	>VHL-L135F- <sup>-</sup> GLLVNQTEFF	24	57
>VHL-L135F- <sup>-</sup> GLLVNQTEL	27	>VHL-L135F- <sup>-</sup> GLLVNQTEF	2676	2649
>VHL-L135F- <sup>-</sup> GLLVNQTELF	3	>VHL-L135F- <sup>-</sup> GLLVNQTEFF	2	1
>VHL-L135F- <sup>-</sup> GLLVNQTEL	17	>VHL-L135F- <sup>-</sup> GLLVNQTEF	2967	2950
>VHL-L135F- <sup>-</sup> GLLVNQTELF	4	>VHL-L135F- <sup>-</sup> GLLVNQTEFF	3	1
>VHL-L135F- <sup>-</sup> GLLVNQTEL	17	>VHL-L135F- <sup>-</sup> GLLVNQTEF	6053	6036
>VHL-L135F- <sup>-</sup> GLLVNQTELF	4	>VHL-L135F- <sup>-</sup> GLLVNQTEFF	4	0
>VHL-L135F- <sup>-</sup> GLLVNQTEL	74	>VHL-L135F- <sup>-</sup> GLLVNQTEF	16027	15953
>VHL-L135F- <sup>-</sup> GLLVNQTELF	5	>VHL-L135F- <sup>-</sup> GLLVNQTEFF	3	2
>VHL-L135F- <sup>-</sup> GLLVNQTEL	8	>VHL-L135F- <sup>-</sup> GLLVNQTEF	1783	1775
>VHL-L135F- <sup>-</sup> GLLVNQTELF	4	>VHL-L135F- <sup>-</sup> GLLVNQTEFF	3	1
>VHL-L135F- <sup>-</sup> GLLVNQTEL	2507	>VHL-L135F- <sup>-</sup> GLLVNQTEF	104	2403
>VHL-L135F- <sup>-</sup> GLLVNQTELF	484	>VHL-L135F- <sup>-</sup> GLLVNQTEFF	306	178
>VHL-L153P- <sup>-</sup> LPVYTLKERCI	224	>VHL-L153P- <sup>-</sup> PPVYTLKERCI	5414	5190
>VHL-L153P- <sup>-</sup> LPVYTLKER	488	>VHL-L153P- <sup>-</sup> PPVYTLKER	6373	5885
>VHL-L153P- <sup>-</sup> LPVYTLKERC	337	>VHL-L153P- <sup>-</sup> PPVYTLKERC	13268	12931
>VHL-L153P- <sup>-</sup> TLPVYTLK	146	>VHL-L153P- <sup>-</sup> TPPVYTLK	14748	14602
>VHL-L153P- <sup>-</sup> TLPVYTLK	148	>VHL-L153P- <sup>-</sup> TPPVYTLK	9135	8987
>VHL-L153P- <sup>-</sup> TLPVYTLK	438	>VHL-L153P- <sup>-</sup> TPPVYTLK	2776	2338
>VHL-L153P- <sup>-</sup> TLPVYTLKER	247	>VHL-L153P- <sup>-</sup> TPPVYTLKER	2797	2550
>VHL-L153P- <sup>-</sup> ITLPVYTL	202	>VHL-L153P- <sup>-</sup> ITPPVYTL	491	289
>VHL-L153P- <sup>-</sup> ITLPVYTL	273	>VHL-L153P- <sup>-</sup> ITPPVYTL	2396	2123
>VHL-L153P- <sup>-</sup> ITLPVYTL	54	>VHL-L153P- <sup>-</sup> ITPPVYTL	299	245
>VHL-L153P- <sup>-</sup> ITLPVYTL	21	>VHL-L153P- <sup>-</sup> ITPPVYTL	165	144
>VHL-L153P- <sup>-</sup> ITLPVYTL	408	>VHL-L153P- <sup>-</sup> ITPPVYTL	5297	4889
>VHL-L153P- <sup>-</sup> ITLPVYTL	307	>VHL-L153P- <sup>-</sup> ITPPVYTL	2943	2636
>VHL-L153P- <sup>-</sup> ITLPVYTLK	50	>VHL-L153P- <sup>-</sup> ITPPVYTLK	110	60
>VHL-L153P- <sup>-</sup> ITLPVYTLK	9	>VHL-L153P- <sup>-</sup> ITPPVYTLK	23	14
>VHL-L153P- <sup>-</sup> ITLPVYTLKER	348	>VHL-L153P- <sup>-</sup> ITPPVYTLKER	3146	2798
>VHL-L153P- <sup>-</sup> ITLPVYTLK	45	>VHL-L153P- <sup>-</sup> ITPPVYTLK	1224	1179
>VHL-L153P- <sup>-</sup> ITLPVYTLK	30	>VHL-L153P- <sup>-</sup> ITPPVYTLK	336	306
>VHL-L153P- <sup>-</sup> ITLPVYTLKER	20	>VHL-L153P- <sup>-</sup> ITPPVYTLKER	149	129
>VHL-L153P- <sup>-</sup> ITLPVYTL	68	>VHL-L153P- <sup>-</sup> ITPPVYTL	204	136
>VHL-L153P- <sup>-</sup> ITLPVYTLK	351	>VHL-L153P- <sup>-</sup> ITPPVYTLK	1942	1591
>VHL-L153P- <sup>-</sup> ITLPVYTLKER	115	>VHL-L153P- <sup>-</sup> ITPPVYTLKER	788	673
>VHL-L153P- <sup>-</sup> ITLPVYTLK	21	>VHL-L153P- <sup>-</sup> ITPPVYTLK	31	10
>VHL-L153P- <sup>-</sup> ITLPVYTLKER	40	>VHL-L153P- <sup>-</sup> ITPPVYTLKER	62	22
>VHL-L153P- <sup>-</sup> ITLPVYTL	248	>VHL-L153P- <sup>-</sup> ITPPVYTL	33	215
>VHL-L153P- <sup>-</sup> ITLPVYTL	263	>VHL-L153P- <sup>-</sup> ITPPVYTL	6567	6304
>VHL-L153P- <sup>-</sup> ITLPVYTL	6	>VHL-L153P- <sup>-</sup> ITPPVYTL	78	72
>VHL-L153P- <sup>-</sup> ITLPVYTL	185	>VHL-L153P- <sup>-</sup> ITPPVYTL	1963	1778

>VHL-L153P- ITLPVYTL	70	>VHL-L153P- ITPPVYTL	7000	6930
>VHL-L153P- ITLPVYTL	143	>VHL-L153P- ITPPVYTL	2	141
>VHL-L153P- ITLPVYTLK	7014	>VHL-L153P- ITPPVYTLK	8	7006
>VHL-L153P- ITLPVYTLKE	11881	>VHL-L153P- ITPPVYTLKE	24	11857
>VHL-L153P- ITLPVYTLKER	19009	>VHL-L153P- ITPPVYTLKER	155	18854
>VHL-L153P- ITLPVYTLK	144	>VHL-L153P- ITPPVYTLK	2602	2458
>VHL-L153P- ITLPVYTLKER	394	>VHL-L153P- ITPPVYTLKER	2544	2150
>VHL-L153P- ITLPVYTL	96	>VHL-L153P- ITPPVYTL	197	101
>VHL-L153P- NITLPVYTL	1345	>VHL-L153P- NITPPVYTL	311	1034
>VHL-L153P- NITLPVYTL	2985	>VHL-L153P- NITPPVYTL	357	2628
>VHL-L153P- NITLPVYTL	1468	>VHL-L153P- NITPPVYTL	145	1323
>VHL-L153P- NITLPVYTL	1608	>VHL-L153P- NITPPVYTL	356	1252
>VHL-L153P- NITLPVYTL	3295	>VHL-L153P- NITPPVYTL	188	3107
>VHL-L153P- NITLPVYTLK	194	>VHL-L153P- NITPPVYTLK	118	76
>VHL-L153P- NITLPVYTLK	45	>VHL-L153P- NITPPVYTLK	52	7
>VHL-L153P- NITLPVYTLK	24	>VHL-L153P- NITPPVYTLK	15	9
>VHL-L153P- NITLPVYTL	70	>VHL-L153P- NITPPVYTL	21	49
>VHL-L153P- NITLPVYTL	700	>VHL-L153P- NITPPVYTL	233	467
>VHL-L153P- ANITLPVYTL	411	>VHL-L153P- ANITPPVYTL	822	411
>VHL-L153P- ANITLPVYTLK	232	>VHL-L153P- ANITPPVYTLK	304	72
>VHL-L153P- ANITLPVY	253	>VHL-L153P- ANITPPVY	454	201
>VHL-L153P- ANITLPVY	453	>VHL-L153P- ANITPPVY	834	381
>VHL-L153P- ANITLPVY	481	>VHL-L153P- ANITPPVY	217	264
>VHL-L153P- FANITLPVYTL	351	>VHL-L153P- FANITPPVYTL	636	285
>VHL-L153P- FANITLPV	136	>VHL-L153P- FANITPPV	179	43
>VHL-L153P- FANITLPV	82	>VHL-L153P- FANITPPV	170	88
>VHL-L153P- FANITLPVYTL	156	>VHL-L153P- FANITPPVYTL	258	102
>VHL-L153P- FANITLPV	19	>VHL-L153P- FANITPPV	27	8
>VHL-L153P- FANITLPVYTL	482	>VHL-L153P- FANITPPVYTL	660	178
>VHL-L153P- FANITLPV	12	>VHL-L153P- FANITPPV	27	15
>VHL-L153P- FANITLPVYT	292	>VHL-L153P- FANITPPVYT	648	356
>VHL-L153P- FANITLPVYTL	203	>VHL-L153P- FANITPPVYTL	657	454
>VHL-L153P- FANITLPV	31	>VHL-L153P- FANITPPV	19	12
>VHL-L153P- FANITLPVYTL	87	>VHL-L153P- FANITPPVYTL	62	25
>VHL-L153P- FANITLPV	114	>VHL-L153P- FANITPPV	54	60
>VHL-L153P- FANITLPV	25	>VHL-L153P- FANITPPV	26	1
>VHL-L153P- FANITLPVYTL	407	>VHL-L153P- FANITPPVYTL	477	70
>VHL-L153P- FANITLPVY	243	>VHL-L153P- FANITPPVY	144	99
>VHL-L153P- FANITLPVY	71	>VHL-L153P- FANITPPVY	153	82
>VHL-L153P- FANITLPV	96	>VHL-L153P- FANITPPV	172	76
>VHL-L153P- FANITLPV	24	>VHL-L153P- FANITPPV	16	8
>VHL-L153P- FANITLPVYTL	413	>VHL-L153P- FANITPPVYTL	487	74
>VHL-L153P- FANITLPVY	114	>VHL-L153P- FANITPPVY	236	122

>VHL-L153P- FANITLPVY	170	>VHL-L153P- FANITPPVY	86	84
>VHL-L153P- FANITLPVYTL	859	>VHL-L153P- FANITPPVYTL	471	388
>VHL-L153P- FANITLPVY	14	>VHL-L153P- FANITPPVY	16	2
>VHL-L153P- FANITLPVYTL	63	>VHL-L153P- FANITPPVYTL	49	14
>VHL-L153P- FANITLPVY	26	>VHL-L153P- FANITPPVY	19	7
>VHL-L153P- FANITLPVYTL	278	>VHL-L153P- FANITPPVYTL	196	82
>VHL-L153P- FANITLPVYTL	806	>VHL-L153P- FANITPPVYTL	307	499
>VHL-L153P- FANITLPVY	375	>VHL-L153P- FANITPPVY	697	322
>VHL-L153P- FANITLPVY	134	>VHL-L153P- FANITPPVY	107	27
>VHL-L153P- FANITLPVYTL	160	>VHL-L153P- FANITPPVYTL	116	44
>VHL-L153P- FANITLPV	89	>VHL-L153P- FANITPPV	59	30
>VHL-L153P- FANITLPVY	103	>VHL-L153P- FANITPPVY	59	44
>VHL-L153P- FANITLPVYTL	603	>VHL-L153P- FANITPPVYTL	300	303
>VHL-L153P- FANITLPVYTL	310	>VHL-L153P- FANITPPVYTL	412	102
>VHL-L153P- IFANITLPV	35	>VHL-L153P- IFANITPPV	46	11
>VHL-L153P- IFANITLPV	740	>VHL-L153P- IFANITPPV	335	405
>VHL-L153P- IFANITLPV	1181	>VHL-L153P- IFANITPPV	448	733
>VHL-L153P- IFANITLPV	643	>VHL-L153P- IFANITPPV	113	530
>VHL-L153P- IFANITLPV	2558	>VHL-L153P- IFANITPPV	425	2133
>VHL-L153P- IFANITLPV	638	>VHL-L153P- IFANITPPV	175	463
>VHL-L153P- IFANITLPV	478	>VHL-L153P- IFANITPPV	2675	2197
>VHL-L153P- IFANITLPVY	52	>VHL-L153P- IFANITPPVY	30	22
>VHL-L153P- IFANITLPVY	87	>VHL-L153P- IFANITPPVY	162	75
>VHL-L153P- IFANITLPVY	137	>VHL-L153P- IFANITPPVY	311	174
>VHL-L153P- PIFANITLPV	393	>VHL-L153P- PIFANITPPV	854	461
>VHL-L153P- PIFANITLPV	79	>VHL-L153P- PIFANITPPV	200	121
>VHL-L153P- PIFANITL	323	>VHL-L153P- PIFANITP	21119	20796
>VHL-L153P- PIFANITLPV	21	>VHL-L153P- PIFANITPPV	14	7
>VHL-L153P- PIFANITLPV	76	>VHL-L153P- PIFANITPPV	30	46
>VHL-L153P- PIFANITLPV	610	>VHL-L153P- PIFANITPPV	161	449
>VHL-L153P- PIFANITL	341	>VHL-L153P- PIFANITP	30263	29922
>VHL-L153P- PIFANITLPV	25	>VHL-L153P- PIFANITPPV	17	8
>VHL-L153P- PIFANITLPVY	135	>VHL-L153P- PIFANITPPVY	137	2
>VHL-L153P- PIFANITLPVY	195	>VHL-L153P- PIFANITPPVY	304	109
>VHL-L153P- PIFANITL	336	>VHL-L153P- PIFANITP	12368	12032
>VHL-L153P- PIFANITLPV	218	>VHL-L153P- PIFANITPPV	60	158
>VHL-L153P- QPIFANITL	10	>VHL-L153P- QPIFANITP	30515	30505
>VHL-L153P- QPIFANITLPV	151	>VHL-L153P- QPIFANITPPV	280	129
>VHL-L153P- QPIFANITLPV	72	>VHL-L153P- QPIFANITPPV	39	33
>VHL-L153P- QPIFANITL	393	>VHL-L153P- QPIFANITP	25525	25132
>VHL-L153P- QPIFANITLPV	157	>VHL-L153P- QPIFANITPPV	342	185
>VHL-L153P- QPIFANITL	51	>VHL-L153P- QPIFANITP	1664	1613
>VHL-L153P- QPIFANITLPV	148	>VHL-L153P- QPIFANITPPV	175	27

>VHL-L153P- QPIFANITL	118	>VHL-L153P- QPIFANITP	19370	19252
>VHL-L153P- QPIFANITL	373	>VHL-L153P- QPIFANITP	11103	10730
>VHL-L153P- QPIFANITLPV	204	>VHL-L153P- QPIFANITPPV	58	146
>VHL-L153P- GQPIFANITL	236	>VHL-L153P- GQPIFANITP	18097	17861
>VHL-L153P- GQPIFANITL	430	>VHL-L153P- GQPIFANITP	16389	15959
>VHL-L158P- TLKERCLQV	403	>VHL-L158P- TPKERCLQV	22698	22295
>VHL-L158P- TLKERCLQV	328	>VHL-L158P- TPKERCLQV	33585	33257
>VHL-L158P- TLKERCLQV	7	>VHL-L158P- TPKERCLQV	16508	16501
>VHL-L158P- TLKERCLQVV	50	>VHL-L158P- TPKERCLQVV	16171	16121
>VHL-L158P- TLKERCLQV	186	>VHL-L158P- TPKERCLQV	25151	24965
>VHL-L158P- TLKERCLQVV	141	>VHL-L158P- TPKERCLQVV	24732	24591
>VHL-L158P- TLKERCLQVV	109	>VHL-L158P- TPKERCLQVV	23532	23423
>VHL-L158P- TLKERCLQV	308	>VHL-L158P- TPKERCLQV	24859	24551
>VHL-L158P- TLKERCLQVV	369	>VHL-L158P- TPKERCLQVV	25290	24921
>VHL-L158P- TLKERCLQV	3	>VHL-L158P- TPKERCLQV	19435	19432
>VHL-L158P- TLKERCLQVV	4	>VHL-L158P- TPKERCLQVV	18498	18494
>VHL-L158P- TLKERCLQVV	58	>VHL-L158P- TPKERCLQVV	3497	3439
>VHL-L158P- TLKERCLQVV	96	>VHL-L158P- TPKERCLQVV	909	813
>VHL-L158P- TLKERCLQVV	211	>VHL-L158P- TPKERCLQVV	1553	1342
>VHL-L158P- TLKERCLQVV	23893	>VHL-L158P- TPKERCLQVV	152	23741
>VHL-L158P- TLKERCLQV	84	>VHL-L158P- TPKERCLQV	98	14
>VHL-L158P- TLKERCLQVV	436	>VHL-L158P- TPKERCLQVV	1320	884
>VHL-L158P- FANITLPVYTL	351	>VHL-L158P- FANITLPVYTF	23093	22742
>VHL-L158P- FANITLPVYTL	156	>VHL-L158P- FANITLPVYTF	8219	8063
>VHL-L158P- FANITLPVYTL	482	>VHL-L158P- FANITLPVYTF	16081	15599
>VHL-L158P- FANITLPVYTL	203	>VHL-L158P- FANITLPVYTF	13029	12826
>VHL-L158P- FANITLPVYTL	87	>VHL-L158P- FANITLPVYTF	14661	14574
>VHL-L158P- FANITLPVYTL	407	>VHL-L158P- FANITLPVYTF	29117	28710
>VHL-L158P- FANITLPVYTL	413	>VHL-L158P- FANITLPVYTF	15087	14674
>VHL-L158P- FANITLPVYTL	63	>VHL-L158P- FANITLPVYTF	17066	17003
>VHL-L158P- FANITLPVYTL	278	>VHL-L158P- FANITLPVYTF	10006	9728
>VHL-L158P- FANITLPVYTL	160	>VHL-L158P- FANITLPVYTF	7365	7205
>VHL-L158P- FANITLPVYTL	310	>VHL-L158P- FANITLPVYTF	17563	17253
>VHL-L158P- YTLKERCLQV	93	>VHL-L158P- YTPKERCLQV	1504	1411
>VHL-L158P- YTLKERCLQV'	308	>VHL-L158P- YTPKERCLQV	2400	2092
>VHL-L158P- YTLKERCLQV	127	>VHL-L158P- YTPKERCLQV	458	331
>VHL-L158P- YTLKERCLQV	39	>VHL-L158P- YTPKERCLQV	103	64
>VHL-L158P- YTLKERCLQV'	83	>VHL-L158P- YTPKERCLQV	313	230
>VHL-L158P- YTLKERCLQV	32	>VHL-L158P- YTPKERCLQV	247	215
>VHL-L158P- YTLKERCLQV'	28	>VHL-L158P- YTPKERCLQV	198	170
>VHL-L158P- YTLKERCLQV'	95	>VHL-L158P- YTPKERCLQV	1442	1347
>VHL-L158P- YTLKERCLQV	31	>VHL-L158P- YTPKERCLQV	341	310
>VHL-L158P- YTLKERCLQV'	40	>VHL-L158P- YTPKERCLQV	393	353

>VHL-L158P-YTLKERCLQV'	416	>VHL-L158P- YTPKERCLQV	6494	6078
>VHL-L158P- YTLKERCLQV	19	>VHL-L158P- YTPKERCLQV	34	15
>VHL-L158P- YTLKERCLQV'	21	>VHL-L158P- YTPKERCLQV	35	14
>VHL-L158P- YTLKERCLQV	1106	>VHL-L158P- YTPKERCLQV	204	902
>VHL-L158P- YTLKERCLQV'	819	>VHL-L158P- YTPKERCLQV	161	658
>VHL-L158P- YTLKERCLQV	14	>VHL-L158P- YTPKERCLQV	561	547
>VHL-L158P- YTLKERCLQV'	53	>VHL-L158P- YTPKERCLQV	2598	2545
>VHL-L158P- YTLKERCL	205	>VHL-L158P- YTPKERCL	5156	4951
>VHL-L158P- YTLKERCLQV	211	>VHL-L158P- YTPKERCLQV	5907	5696
>VHL-L158P- YTLKERCL	12341	>VHL-L158P- YTPKERCL	47	12294
>VHL-L158P- YTLKERCLQ	15422	>VHL-L158P- YTPKERCLQ	64	15358
>VHL-L158P- YTLKERCLQV	5384	>VHL-L158P- YTPKERCLQV	9	5375
>VHL-L158P- YTLKERCLQV'	4361	>VHL-L158P- YTPKERCLQV	6	4355
>VHL-L158P- YTLKERCL	280	>VHL-L158P- YTPKERCL	1299	1019
>VHL-L158P- YTLKERCLQV'	130	>VHL-L158P- YTPKERCLQV	2342	2212
>VHL-L158P- VYTLKERCLQ'	2788	>VHL-L158P- VYTPKERCLQ	412	2376
>VHL-L158P- LPVYTLKERCI	224	>VHL-L158P- LPVYTPKERCI	297	73
>VHL-L158P- LPVYTLKERCI	620	>VHL-L158P- LPVYTPKERCI	432	188
>VHL-L158P- LPVYTLKER	488	>VHL-L158P- LPVYTPKER	1386	898
>VHL-L158P- LPVYTLKERC	337	>VHL-L158P- LPVYTPKERC	917	580
>VHL-L158P- TLPVYTLK	146	>VHL-L158P- TLPVYTPK	280	134
>VHL-L158P- TLPVYTLK	148	>VHL-L158P- TLPVYTPK	192	44
>VHL-L158P- TLPVYTLK	438	>VHL-L158P- TLPVYTPK	885	447
>VHL-L158P- TLPVYTLKER	247	>VHL-L158P- TLPVYTPKER	509	262
>VHL-L158P- ITLPVYTL	202	>VHL-L158P- ITLPVYTP	25192	24990
>VHL-L158P- ITLPVYTL	273	>VHL-L158P- ITLPVYTP	20849	20576
>VHL-L158P- ITLPVYTL	54	>VHL-L158P- ITLPVYTP	8376	8322
>VHL-L158P- ITLPVYTL	21	>VHL-L158P- ITLPVYTP	8854	8833
>VHL-L158P- ITLPVYTL	408	>VHL-L158P- ITLPVYTP	15871	15463
>VHL-L158P- ITLPVYTL	307	>VHL-L158P- ITLPVYTP	19028	18721
>VHL-L158P- ITLPVYTLK	50	>VHL-L158P- ITLPVYTPK	67	17
>VHL-L158P- ITLPVYTLK	9	>VHL-L158P- ITLPVYTPK	8	1
>VHL-L158P- ITLPVYTLKER	348	>VHL-L158P- ITLPVYTPKER	359	11
>VHL-L158P- ITLPVYTLK	45	>VHL-L158P- ITLPVYTPK	21	24
>VHL-L158P- ITLPVYTLK	30	>VHL-L158P- ITLPVYTPK	23	7
>VHL-L158P- ITLPVYTLKER	20	>VHL-L158P- ITLPVYTPKER	33	13
>VHL-L158P- ITLPVYTL	68	>VHL-L158P- ITLPVYTP	2771	2703
>VHL-L158P- ITLPVYTLK	351	>VHL-L158P- ITLPVYTPK	239	112
>VHL-L158P- ITLPVYTLKER	115	>VHL-L158P- ITLPVYTPKER	157	42
>VHL-L158P- ITLPVYTLK	21	>VHL-L158P- ITLPVYTPK	56	35
>VHL-L158P- ITLPVYTLKER	40	>VHL-L158P- ITLPVYTPKER	52	12
>VHL-L158P- ITLPVYTL	248	>VHL-L158P- ITLPVYTP	15086	14838
>VHL-L158P- ITLPVYTL	263	>VHL-L158P- ITLPVYTP	11830	11567

>VHL-L158P- ITLPVYTL	6	>VHL-L158P- ITLPVYTP	4773	4767
>VHL-L158P- ITLPVYTL	185	>VHL-L158P- ITLPVYTP	9924	9739
>VHL-L158P- ITLPVYTL	70	>VHL-L158P- ITLPVYTP	13033	12963
>VHL-L158P- ITLPVYTL	143	>VHL-L158P- ITLPVYTP	17370	17227
>VHL-L158P- ITLPVYTLK	144	>VHL-L158P- ITLPVYTPK	1719	1575
>VHL-L158P- ITLPVYTLKER	394	>VHL-L158P- ITLPVYTPKER	315	79
>VHL-L158P- ITLPVYTL	96	>VHL-L158P- ITLPVYTP	19777	19681
>VHL-L158P- NITLPVYTLK	194	>VHL-L158P- NITLPVYTPK	167	27
>VHL-L158P- NITLPVYTLK	45	>VHL-L158P- NITLPVYTPK	39	6
>VHL-L158P- NITLPVYTLK	24	>VHL-L158P- NITLPVYTPK	31	7
>VHL-L158P- NITLPVYTL	70	>VHL-L158P- NITLPVYTP	10780	10710
>VHL-L158P- ANITLPVYTL	411	>VHL-L158P- ANITLPVYTP	21352	20941
>VHL-L158P- ANITLPVYTLK	232	>VHL-L158P- ANITLPVYTPK	237	5
>VHL-L158Q- TLKERCLQV	403	>VHL-L158Q- TQKERCLQV	4595	4192
>VHL-L158Q- TLKERCLQV	328	>VHL-L158Q- TQKERCLQV	10577	10249
>VHL-L158Q- TLKERCLQV	7	>VHL-L158Q- TQKERCLQV	124	117
>VHL-L158Q- TLKERCLQVV	50	>VHL-L158Q- TQKERCLQV\	626	576
>VHL-L158Q- TLKERCLQV	909	>VHL-L158Q- TQKERCLQV	152	757
>VHL-L158Q- TLKERCLQV	186	>VHL-L158Q- TQKERCLQV	8013	7827
>VHL-L158Q- TLKERCLQVV	141	>VHL-L158Q- TQKERCLQV\	6805	6664
>VHL-L158Q- TLKERCLQVV	109	>VHL-L158Q- TQKERCLQV\	5800	5691
>VHL-L158Q- TLKERCLQV	308	>VHL-L158Q- TQKERCLQV	12900	12592
>VHL-L158Q- TLKERCLQVV	369	>VHL-L158Q- TQKERCLQV\	13826	13457
>VHL-L158Q- TLKERCLQV	3	>VHL-L158Q- TQKERCLQV	4451	4448
>VHL-L158Q- TLKERCLQVV	4	>VHL-L158Q- TQKERCLQV\	4137	4133
>VHL-L158Q- TLKERCLQVV	58	>VHL-L158Q- TQKERCLQV\	54	4
>VHL-L158Q- TLKERCLQVV	96	>VHL-L158Q- TQKERCLQV\	871	775
>VHL-L158Q- TLKERCLQVV	211	>VHL-L158Q- TQKERCLQV\	1716	1505
>VHL-L158Q- TLKERCLQV	84	>VHL-L158Q- TQKERCLQV	1899	1815
>VHL-L158Q- TLKERCLQVV	436	>VHL-L158Q- TQKERCLQV\	527	91
>VHL-L158Q- FANITLPVYTL	351	>VHL-L158Q- FANITLPVYTC	31413	31062
>VHL-L158Q- FANITLPVYTL	156	>VHL-L158Q- FANITLPVYTC	5341	5185
>VHL-L158Q- FANITLPVYTL	482	>VHL-L158Q- FANITLPVYTC	12234	11752
>VHL-L158Q- FANITLPVYTL	203	>VHL-L158Q- FANITLPVYTC	9826	9623
>VHL-L158Q- FANITLPVYTL	87	>VHL-L158Q- FANITLPVYTC	8204	8117
>VHL-L158Q- FANITLPVYTL	407	>VHL-L158Q- FANITLPVYTC	12213	11806
>VHL-L158Q- FANITLPVYTL	413	>VHL-L158Q- FANITLPVYTC	9972	9559
>VHL-L158Q- FANITLPVYTL	63	>VHL-L158Q- FANITLPVYTC	9605	9542
>VHL-L158Q- FANITLPVYTL	278	>VHL-L158Q- FANITLPVYTC	2561	2283
>VHL-L158Q- FANITLPVYTL	160	>VHL-L158Q- FANITLPVYTC	6774	6614
>VHL-L158Q- FANITLPVYTL	310	>VHL-L158Q- FANITLPVYTC	13811	13501
>VHL-L158Q- YTLKERCLQV	93	>VHL-L158Q- YTQKERCLQV	1819	1726
>VHL-L158Q- YTLKERCLQV'	308	>VHL-L158Q- YTQKERCLQV	1364	1056



>VHL-L158Q- YTLKERCLQV	127	>VHL-L158Q- YTQKERCLQV	626	499
>VHL-L158Q- YTLKERCLQV	39	>VHL-L158Q- YTQKERCLQV	222	183
>VHL-L158Q- YTLKERCLQV'	83	>VHL-L158Q- YTQKERCLQV	523	440
>VHL-L158Q- YTLKERCLQV	32	>VHL-L158Q- YTQKERCLQV	325	293
>VHL-L158Q- YTLKERCLQV'	28	>VHL-L158Q- YTQKERCLQV	253	225
>VHL-L158Q- YTLKERCLQV'	95	>VHL-L158Q- YTQKERCLQV	315	220
>VHL-L158Q- YTLKERCLQV	31	>VHL-L158Q- YTQKERCLQV	785	754
>VHL-L158Q- YTLKERCLQV'	40	>VHL-L158Q- YTQKERCLQV	929	889
>VHL-L158Q- YTLKERCLQV'	416	>VHL-L158Q- YTQKERCLQV	3352	2936
>VHL-L158Q- YTLKERCLQV	19	>VHL-L158Q- YTQKERCLQV	31	12
>VHL-L158Q- YTLKERCLQV'	21	>VHL-L158Q- YTQKERCLQV	35	14
>VHL-L158Q- YTLKERCLQV	14	>VHL-L158Q- YTQKERCLQV	307	293
>VHL-L158Q- YTLKERCLQV'	53	>VHL-L158Q- YTQKERCLQV	1470	1417
>VHL-L158Q- YTLKERCL	205	>VHL-L158Q- YTQKERCL	859	654
>VHL-L158Q- YTLKERCLQV	211	>VHL-L158Q- YTQKERCLQV	780	569
>VHL-L158Q- YTLKERCL	280	>VHL-L158Q- YTQKERCL	295	15
>VHL-L158Q- YTLKERCLQV'	130	>VHL-L158Q- YTQKERCLQV	217	87
>VHL-L158Q- LPVYTLKERCL	224	>VHL-L158Q- LPVYTQKERC	232	8
>VHL-L158Q- LPVYTLKERCL	620	>VHL-L158Q- LPVYTQKERC	460	160
>VHL-L158Q- LPVYTLKER	488	>VHL-L158Q- LPVYTQKER	1268	780
>VHL-L158Q- LPVYTLKERC	337	>VHL-L158Q- LPVYTQKERC	440	103
>VHL-L158Q- TLPVYTLK	146	>VHL-L158Q- TLPVYTQK	328	182
>VHL-L158Q- TLPVYTLK	148	>VHL-L158Q- TLPVYTQK	476	328
>VHL-L158Q- TLPVYTLK	438	>VHL-L158Q- TLPVYTQK	802	364
>VHL-L158Q- TLPVYTLKER	247	>VHL-L158Q- TLPVYTQKER	611	364
>VHL-L158Q- ITLPVYTL	202	>VHL-L158Q- ITLPVYTQ	19578	19376
>VHL-L158Q- ITLPVYTL	273	>VHL-L158Q- ITLPVYTQ	15850	15577
>VHL-L158Q- ITLPVYTL	54	>VHL-L158Q- ITLPVYTQ	5638	5584
>VHL-L158Q- ITLPVYTL	21	>VHL-L158Q- ITLPVYTQ	3809	3788
>VHL-L158Q- ITLPVYTL	408	>VHL-L158Q- ITLPVYTQ	15834	15426
>VHL-L158Q- ITLPVYTL	307	>VHL-L158Q- ITLPVYTQ	11055	10748
>VHL-L158Q- ITLPVYTLK	50	>VHL-L158Q- ITLPVYTQK	63	13
>VHL-L158Q- ITLPVYTLK	9	>VHL-L158Q- ITLPVYTQK	13	4
>VHL-L158Q- ITLPVYTLKER	348	>VHL-L158Q- ITLPVYTQKEF	579	231
>VHL-L158Q- ITLPVYTLK	45	>VHL-L158Q- ITLPVYTQK	86	41
>VHL-L158Q- ITLPVYTLK	30	>VHL-L158Q- ITLPVYTQK	55	25
>VHL-L158Q- ITLPVYTLKER	20	>VHL-L158Q- ITLPVYTQKEF	28	8
>VHL-L158Q- ITLPVYTL	68	>VHL-L158Q- ITLPVYTQ	1589	1521
>VHL-L158Q- ITLPVYTLK	351	>VHL-L158Q- ITLPVYTQK	692	341
>VHL-L158Q- ITLPVYTLKER	115	>VHL-L158Q- ITLPVYTQKEF	141	26
>VHL-L158Q- ITLPVYTLK	21	>VHL-L158Q- ITLPVYTQK	33	12
>VHL-L158Q- ITLPVYTLKER	40	>VHL-L158Q- ITLPVYTQKEF	37	3
>VHL-L158Q- ITLPVYTL	248	>VHL-L158Q- ITLPVYTQ	13532	13284

>VHL-L158Q-ITLPVYTL	263	>VHL-L158Q-ITLPVYTQ	8037	7774
>VHL-L158Q-ITLPVYTL	6	>VHL-L158Q-ITLPVYTQ	628	622
>VHL-L158Q-ITLPVYTL	185	>VHL-L158Q-ITLPVYTQ	3045	2860
>VHL-L158Q-ITLPVYTL	70	>VHL-L158Q-ITLPVYTQ	7488	7418
>VHL-L158Q-ITLPVYTL	143	>VHL-L158Q-ITLPVYTQ	16885	16742
>VHL-L158Q-ITLPVYTLK	144	>VHL-L158Q-ITLPVYTQK	311	167
>VHL-L158Q-ITLPVYTLKER	394	>VHL-L158Q-ITLPVYTQKEF	348	46
>VHL-L158Q-ITLPVYTL	96	>VHL-L158Q-ITLPVYTQ	30263	30167
>VHL-L158Q-NITLPVYTLK	194	>VHL-L158Q-NITLPVYTQK	309	115
>VHL-L158Q-NITLPVYTLK	45	>VHL-L158Q-NITLPVYTQK	63	18
>VHL-L158Q-NITLPVYTLK	24	>VHL-L158Q-NITLPVYTQK	57	33
>VHL-L158Q-NITLPVYTL	70	>VHL-L158Q-NITLPVYTQ	9375	9305
>VHL-L158Q-ANITLPVYTL	411	>VHL-L158Q-ANITLPVYTQ	21739	21328
>VHL-L158Q-ANITLPVYTLK	232	>VHL-L158Q-ANITLPVYTQK	446	214
>VHL-L158R-LKERCLQVV	714	>VHL-L158R-RKERCLQVV	346	368
>VHL-L158R-LKERCLQVVR	1919	>VHL-L158R-RKERCLQVVF	265	1654
>VHL-L158R-TLKERCLQV	403	>VHL-L158R-TRKERCLQV	22280	21877
>VHL-L158R-TLKERCLQV	328	>VHL-L158R-TRKERCLQV	30673	30345
>VHL-L158R-TLKERCLQV	7	>VHL-L158R-TRKERCLQV	14296	14289
>VHL-L158R-TLKERCLQVV	50	>VHL-L158R-TRKERCLQVV	13541	13491
>VHL-L158R-TLKERCLQV	186	>VHL-L158R-TRKERCLQV	23810	23624
>VHL-L158R-TLKERCLQVV	141	>VHL-L158R-TRKERCLQVV	23110	22969
>VHL-L158R-TLKERCLQVV	109	>VHL-L158R-TRKERCLQVV	22908	22799
>VHL-L158R-TLKERCLQV	308	>VHL-L158R-TRKERCLQV	23922	23614
>VHL-L158R-TLKERCLQVV	369	>VHL-L158R-TRKERCLQVV	24367	23998
>VHL-L158R-TLKERCLQV	3	>VHL-L158R-TRKERCLQV	13312	13309
>VHL-L158R-TLKERCLQVV	4	>VHL-L158R-TRKERCLQVV	12522	12518
>VHL-L158R-TLKERCLQVV	58	>VHL-L158R-TRKERCLQVV	7417	7359
>VHL-L158R-TLKERCLQVV	96	>VHL-L158R-TRKERCLQVV	4391	4295
>VHL-L158R-TLKERCLQVV	211	>VHL-L158R-TRKERCLQVV	4564	4353
>VHL-L158R-TLKERCLQV	84	>VHL-L158R-TRKERCLQV	1190	1106
>VHL-L158R-TLKERCLQVV	26534	>VHL-L158R-TRKERCLQVV	456	26078
>VHL-L158R-TLKERCLQVV	436	>VHL-L158R-TRKERCLQVV	1218	782
>VHL-L158R-FANITLPVYTL	351	>VHL-L158R-FANITLPVYTF	35344	34993
>VHL-L158R-FANITLPVYTL	156	>VHL-L158R-FANITLPVYTF	13165	13009
>VHL-L158R-FANITLPVYTL	482	>VHL-L158R-FANITLPVYTF	19967	19485
>VHL-L158R-FANITLPVYTL	203	>VHL-L158R-FANITLPVYTF	19097	18894
>VHL-L158R-FANITLPVYTL	87	>VHL-L158R-FANITLPVYTF	18154	18067
>VHL-L158R-FANITLPVYTL	407	>VHL-L158R-FANITLPVYTF	27724	27317
>VHL-L158R-FANITLPVYTL	12832	>VHL-L158R-FANITLPVYTF	101	12731
>VHL-L158R-FANITLPVYTL	22510	>VHL-L158R-FANITLPVYTF	354	22156
>VHL-L158R-FANITLPVYTL	15998	>VHL-L158R-FANITLPVYTF	30	15968
>VHL-L158R-FANITLPVYTL	413	>VHL-L158R-FANITLPVYTF	16216	15803

>VHL-L158R- FANITLPVYTL	63	>VHL-L158R- FANITLPVYTF	12739	12676
>VHL-L158R- FANITLPVYTL	278	>VHL-L158R- FANITLPVYTF	8001	7723
>VHL-L158R- FANITLPVYTL	160	>VHL-L158R- FANITLPVYTF	11900	11740
>VHL-L158R- FANITLPVYTL	310	>VHL-L158R- FANITLPVYTF	19001	18691
>VHL-L158R- YTLKERCLQV	93	>VHL-L158R- YTRKERCLQV	3141	3048
>VHL-L158R- YTLKERCLQV'	308	>VHL-L158R- YTRKERCLQV	8979	8671
>VHL-L158R- YTLKERCLQV	127	>VHL-L158R- YTRKERCLQV	542	415
>VHL-L158R- YTLKERCLQV'	734	>VHL-L158R- YTRKERCLQV	465	269
>VHL-L158R- YTLKERCLQV	39	>VHL-L158R- YTRKERCLQV	767	728
>VHL-L158R- YTLKERCLQV'	83	>VHL-L158R- YTRKERCLQV	1700	1617
>VHL-L158R- YTLKERCLQV	32	>VHL-L158R- YTRKERCLQV	1357	1325
>VHL-L158R- YTLKERCLQV'	28	>VHL-L158R- YTRKERCLQV	1104	1076
>VHL-L158R- YTLKERCLQV'	95	>VHL-L158R- YTRKERCLQV	3954	3859
>VHL-L158R- YTLKERCLQV	31	>VHL-L158R- YTRKERCLQV	3313	3282
>VHL-L158R- YTLKERCLQV'	40	>VHL-L158R- YTRKERCLQV	3917	3877
>VHL-L158R- YTLKERCLQV'	416	>VHL-L158R- YTRKERCLQV	13306	12890
>VHL-L158R- YTLKERCLQV	19	>VHL-L158R- YTRKERCLQV	57	38
>VHL-L158R- YTLKERCLQV'	21	>VHL-L158R- YTRKERCLQV	62	41
>VHL-L158R- YTLKERCLQ	5928	>VHL-L158R- YTRKERCLQ	182	5746
>VHL-L158R- YTLKERCLQV	4198	>VHL-L158R- YTRKERCLQV	87	4111
>VHL-L158R- YTLKERCLQV'	5238	>VHL-L158R- YTRKERCLQV	87	5151
>VHL-L158R- YTLKERCLQV	14	>VHL-L158R- YTRKERCLQV	1213	1199
>VHL-L158R- YTLKERCLQV'	53	>VHL-L158R- YTRKERCLQV	4388	4335
>VHL-L158R- YTLKERCL	1357	>VHL-L158R- YTRKERCL	328	1029
>VHL-L158R- YTLKERCL	205	>VHL-L158R- YTRKERCL	86	119
>VHL-L158R- YTLKERCLQV	211	>VHL-L158R- YTRKERCLQV	82	129
>VHL-L158R- YTLKERCLQV'	973	>VHL-L158R- YTRKERCLQV	383	590
>VHL-L158R- YTLKERCL	280	>VHL-L158R- YTRKERCL	214	66
>VHL-L158R- YTLKERCLQV'	130	>VHL-L158R- YTRKERCLQV	47	83
>VHL-L158R- LPVYTLKERCL	224	>VHL-L158R- LPVYTRKERCL	76	148
>VHL-L158R- LPVYTLKER	488	>VHL-L158R- LPVYTRKER	1270	782
>VHL-L158R- LPVYTLKERC	337	>VHL-L158R- LPVYTRKERC	797	460
>VHL-L158R- TLPVYTLK	146	>VHL-L158R- TLPVYTRK	286	140
>VHL-L158R- TLPVYTLK	148	>VHL-L158R- TLPVYTRK	682	534
>VHL-L158R- TLPVYTLKER	774	>VHL-L158R- TLPVYTRKER	279	495
>VHL-L158R- TLPVYTLK	438	>VHL-L158R- TLPVYTRK	1414	976
>VHL-L158R- TLPVYTLKER	247	>VHL-L158R- TLPVYTRKER	510	263
>VHL-L158R- ITLPVYTL	202	>VHL-L158R- ITLPVYTR	15394	15192
>VHL-L158R- ITLPVYTL	273	>VHL-L158R- ITLPVYTR	21134	20861
>VHL-L158R- ITLPVYTL	54	>VHL-L158R- ITLPVYTR	17333	17279
>VHL-L158R- ITLPVYTL	21	>VHL-L158R- ITLPVYTR	12604	12583
>VHL-L158R- ITLPVYTL	408	>VHL-L158R- ITLPVYTR	21004	20596
>VHL-L158R- ITLPVYTL	307	>VHL-L158R- ITLPVYTR	20018	19711

>VHL-L158R- ITLPVYTLK	50	>VHL-L158R- ITLPVYTRK	58	8
>VHL-L158R- ITLPVYTL	16352	>VHL-L158R- ITLPVYTR	63	16289
>VHL-L158R- ITLPVYTLK	9	>VHL-L158R- ITLPVYTRK	14	5
>VHL-L158R- ITLPVYTLKER	348	>VHL-L158R- ITLPVYTRKER	467	119
>VHL-L158R- ITLPVYTLK	45	>VHL-L158R- ITLPVYTRK	126	81
>VHL-L158R- ITLPVYTL	3485	>VHL-L158R- ITLPVYTR	11	3474
>VHL-L158R- ITLPVYTLK	30	>VHL-L158R- ITLPVYTRK	57	27
>VHL-L158R- ITLPVYTLKER	20	>VHL-L158R- ITLPVYTRKER	17	3
>VHL-L158R- ITLPVYTL	68	>VHL-L158R- ITLPVYTR	2362	2294
>VHL-L158R- ITLPVYTL	7546	>VHL-L158R- ITLPVYTR	30	7516
>VHL-L158R- ITLPVYTLK	351	>VHL-L158R- ITLPVYTRK	853	502
>VHL-L158R- ITLPVYTLKER	115	>VHL-L158R- ITLPVYTRKER	81	34
>VHL-L158R- ITLPVYTL	12132	>VHL-L158R- ITLPVYTR	18	12114
>VHL-L158R- ITLPVYTLK	21	>VHL-L158R- ITLPVYTRK	51	30
>VHL-L158R- ITLPVYTLKER	40	>VHL-L158R- ITLPVYTRKER	31	9
>VHL-L158R- ITLPVYTL	248	>VHL-L158R- ITLPVYTR	18970	18722
>VHL-L158R- ITLPVYTL	263	>VHL-L158R- ITLPVYTR	13600	13337
>VHL-L158R- ITLPVYTL	6	>VHL-L158R- ITLPVYTR	1689	1683
>VHL-L158R- ITLPVYTL	185	>VHL-L158R- ITLPVYTR	5918	5733
>VHL-L158R- ITLPVYTL	70	>VHL-L158R- ITLPVYTR	13530	13460
>VHL-L158R- ITLPVYTL	143	>VHL-L158R- ITLPVYTR	23443	23300
>VHL-L158R- ITLPVYTLK	144	>VHL-L158R- ITLPVYTRK	299	155
>VHL-L158R- ITLPVYTL	3854	>VHL-L158R- ITLPVYTR	223	3631
>VHL-L158R- ITLPVYTLKER	394	>VHL-L158R- ITLPVYTRKER	632	238
>VHL-L158R- ITLPVYTL	31247	>VHL-L158R- ITLPVYTR	193	31054
>VHL-L158R- ITLPVYTL	96	>VHL-L158R- ITLPVYTR	33201	33105
>VHL-L158R- NITLPVYTLK	194	>VHL-L158R- NITLPVYTRK	306	112
>VHL-L158R- NITLPVYTLK	45	>VHL-L158R- NITLPVYTRK	66	21
>VHL-L158R- NITLPVYTL	16905	>VHL-L158R- NITLPVYTR	408	16497
>VHL-L158R- NITLPVYTL	15169	>VHL-L158R- NITLPVYTR	47	15122
>VHL-L158R- NITLPVYTL	14986	>VHL-L158R- NITLPVYTR	35	14951
>VHL-L158R- NITLPVYTLK	24	>VHL-L158R- NITLPVYTRK	69	45
>VHL-L158R- NITLPVYTL	70	>VHL-L158R- NITLPVYTR	16359	16289
>VHL-L158R- ANITLPVYTL	411	>VHL-L158R- ANITLPVYTR	19602	19191
>VHL-L158R- ANITLPVYTLK	232	>VHL-L158R- ANITLPVYTRK	639	407
>VHL-L158R- ANITLPVYTL	33097	>VHL-L158R- ANITLPVYTR	455	32642
>VHL-L158V- TLKERCLQV	403	>VHL-L158V- TVKERCLQV	5572	5169
>VHL-L158V- TLKERCLQV	328	>VHL-L158V- TVKERCLQV	8789	8461
>VHL-L158V- TLKERCLQV	7	>VHL-L158V- TVKERCLQV	117	110
>VHL-L158V- TLKERCLQVV	50	>VHL-L158V- TVKERCLQVV	398	348
>VHL-L158V- TLKERCLQV	186	>VHL-L158V- TVKERCLQV	5726	5540
>VHL-L158V- TLKERCLQVV	141	>VHL-L158V- TVKERCLQVV	4967	4826
>VHL-L158V- TLKERCLQVV	109	>VHL-L158V- TVKERCLQVV	6147	6038

>VHL-L158V- TLKERCLQV	308	>VHL-L158V- TVKERCLQV	10323	10015
>VHL-L158V- TLKERCLQVV	369	>VHL-L158V- TVKERCLQVV	11112	10743
>VHL-L158V- TLKERCLQV	3	>VHL-L158V- TVKERCLQV	98	95
>VHL-L158V- TLKERCLQVV	4	>VHL-L158V- TVKERCLQVV	130	126
>VHL-L158V- TLKERCLQVV	58	>VHL-L158V- TVKERCLQVV	46	12
>VHL-L158V- TLKERCLQVV	96	>VHL-L158V- TVKERCLQVV	81	15
>VHL-L158V- TLKERCLQVV	211	>VHL-L158V- TVKERCLQVV	34	177
>VHL-L158V- TLKERCLQV	84	>VHL-L158V- TVKERCLQV	714	630
>VHL-L158V- TLKERCLQVV	436	>VHL-L158V- TVKERCLQVV	740	304
>VHL-L158V- FANITLPVYTL	351	>VHL-L158V- FANITLPVYTV	1100	749
>VHL-L158V- FANITLPVYTL	689	>VHL-L158V- FANITLPVYTV	142	547
>VHL-L158V- FANITLPVYTL	156	>VHL-L158V- FANITLPVYTV	117	39
>VHL-L158V- FANITLPVYTL	482	>VHL-L158V- FANITLPVYTV	36	446
>VHL-L158V- FANITLPVYTL	203	>VHL-L158V- FANITLPVYTV	24	179
>VHL-L158V- FANITLPVYTL	87	>VHL-L158V- FANITLPVYTV	8	79
>VHL-L158V- FANITLPVYTL	920	>VHL-L158V- FANITLPVYTV	69	851
>VHL-L158V- FANITLPVYTL	1120	>VHL-L158V- FANITLPVYTV	56	1064
>VHL-L158V- FANITLPVYTL	1706	>VHL-L158V- FANITLPVYTV	93	1613
>VHL-L158V- FANITLPVYTL	407	>VHL-L158V- FANITLPVYTV	13	394
>VHL-L158V- FANITLPVYTL	644	>VHL-L158V- FANITLPVYTV	132	512
>VHL-L158V- FANITLPVYTL	413	>VHL-L158V- FANITLPVYTV	40	373
>VHL-L158V- FANITLPVYTL	63	>VHL-L158V- FANITLPVYTV	1738	1675
>VHL-L158V- FANITLPVYTL	278	>VHL-L158V- FANITLPVYTV	2764	2486
>VHL-L158V- FANITLPVYTL	160	>VHL-L158V- FANITLPVYTV	596	436
>VHL-L158V- FANITLPVYTL	3501	>VHL-L158V- FANITLPVYTV	50	3451
>VHL-L158V- FANITLPVYTL	310	>VHL-L158V- FANITLPVYTV	1498	1188
>VHL-L158V- YTLKERCLQV	93	>VHL-L158V- YTVKERCLQV	593	500
>VHL-L158V- YTLKERCLQV'	308	>VHL-L158V- YTVKERCLQV	1433	1125
>VHL-L158V- YTLKERCLQV	127	>VHL-L158V- YTVKERCLQV	194	67
>VHL-L158V- YTLKERCLQV'	734	>VHL-L158V- YTVKERCLQV	263	471
>VHL-L158V- YTLKERCLQV	39	>VHL-L158V- YTVKERCLQV	64	25
>VHL-L158V- YTLKERCLQV'	83	>VHL-L158V- YTVKERCLQV	111	28
>VHL-L158V- YTLKERCLQV	32	>VHL-L158V- YTVKERCLQV	216	184
>VHL-L158V- YTLKERCLQV'	28	>VHL-L158V- YTVKERCLQV	175	147
>VHL-L158V- YTLKERCLQV'	95	>VHL-L158V- YTVKERCLQV	496	401
>VHL-L158V- YTLKERCLQV	31	>VHL-L158V- YTVKERCLQV	345	314
>VHL-L158V- YTLKERCLQV'	40	>VHL-L158V- YTVKERCLQV	433	393
>VHL-L158V- YTLKERCLQV'	416	>VHL-L158V- YTVKERCLQV	5124	4708
>VHL-L158V- YTLKERCLQV	19	>VHL-L158V- YTVKERCLQV	33	14
>VHL-L158V- YTLKERCLQV'	21	>VHL-L158V- YTVKERCLQV	36	15
>VHL-L158V- YTLKERCL	2700	>VHL-L158V- YTVKERCL	238	2462
>VHL-L158V- YTLKERCLQ	1975	>VHL-L158V- YTVKERCLQ	465	1510
>VHL-L158V- YTLKERCLQV	1106	>VHL-L158V- YTVKERCLQV	191	915

>VHL-L158V- YTLKERCLQV'	819	>VHL-L158V- YTVKERCLQV	144	675
>VHL-L158V- YTLKERCLQV	14	>VHL-L158V- YTVKERCLQV	53	39
>VHL-L158V- YTLKERCLQV'	53	>VHL-L158V- YTVKERCLQV	262	209
>VHL-L158V- YTLKERCL	205	>VHL-L158V- YTVKERCL	151	54
>VHL-L158V- YTLKERCLQV	211	>VHL-L158V- YTVKERCLQV	155	56
>VHL-L158V- YTLKERCL	280	>VHL-L158V- YTVKERCL	173	107
>VHL-L158V- YTLKERCLQV'	130	>VHL-L158V- YTVKERCLQV	169	39
>VHL-L158V- LPVYTLKERCL	224	>VHL-L158V- LPVYTVKERC	297	73
>VHL-L158V- LPVYTLKERCL	620	>VHL-L158V- LPVYTVKERC	432	188
>VHL-L158V- LPVYTLKER	488	>VHL-L158V- LPVYTVKER	1046	558
>VHL-L158V- LPVYTLKERC	337	>VHL-L158V- LPVYTVKERC	209	128
>VHL-L158V- LPVYTLKERCL	611	>VHL-L158V- LPVYTVKERC	249	362
>VHL-L158V- TLPVYTLK	146	>VHL-L158V- TLPVYTVK	400	254
>VHL-L158V- TLPVYTLK	148	>VHL-L158V- TLPVYTVK	600	452
>VHL-L158V- TLPVYTLK	438	>VHL-L158V- TLPVYTVK	936	498
>VHL-L158V- TLPVYTLKER	247	>VHL-L158V- TLPVYTVKER	330	83
>VHL-L158V- ITLPVYTL	202	>VHL-L158V- ITLPVYTV	1370	1168
>VHL-L158V- ITLPVYTL	273	>VHL-L158V- ITLPVYTV	58	215
>VHL-L158V- ITLPVYTL	614	>VHL-L158V- ITLPVYTV	310	304
>VHL-L158V- ITLPVYTL	2623	>VHL-L158V- ITLPVYTV	372	2251
>VHL-L158V- ITLPVYTL	54	>VHL-L158V- ITLPVYTV	12	42
>VHL-L158V- ITLPVYTL	21	>VHL-L158V- ITLPVYTV	4	17
>VHL-L158V- ITLPVYTL	408	>VHL-L158V- ITLPVYTV	45	363
>VHL-L158V- ITLPVYTL	307	>VHL-L158V- ITLPVYTV	19	288
>VHL-L158V- ITLPVYTL	958	>VHL-L158V- ITLPVYTV	72	886
>VHL-L158V- ITLPVYTL	841	>VHL-L158V- ITLPVYTV	22	819
>VHL-L158V- ITLPVYTLK	50	>VHL-L158V- ITLPVYTVK	87	37
>VHL-L158V- ITLPVYTLK	9	>VHL-L158V- ITLPVYTVK	13	4
>VHL-L158V- ITLPVYTLKER	348	>VHL-L158V- ITLPVYTVKER	394	46
>VHL-L158V- ITLPVYTLK	45	>VHL-L158V- ITLPVYTVK	82	37
>VHL-L158V- ITLPVYTLK	30	>VHL-L158V- ITLPVYTVK	65	35
>VHL-L158V- ITLPVYTLKER	20	>VHL-L158V- ITLPVYTVKER	26	6
>VHL-L158V- ITLPVYTL	68	>VHL-L158V- ITLPVYTV	349	281
>VHL-L158V- ITLPVYTLK	351	>VHL-L158V- ITLPVYTVK	1016	665
>VHL-L158V- ITLPVYTLKER	115	>VHL-L158V- ITLPVYTVKER	167	52
>VHL-L158V- ITLPVYTLK	21	>VHL-L158V- ITLPVYTVK	69	48
>VHL-L158V- ITLPVYTLKER	40	>VHL-L158V- ITLPVYTVKER	35	5
>VHL-L158V- ITLPVYTL	248	>VHL-L158V- ITLPVYTV	26	222
>VHL-L158V- ITLPVYTL	263	>VHL-L158V- ITLPVYTV	28	235
>VHL-L158V- ITLPVYTL	6	>VHL-L158V- ITLPVYTV	51	45
>VHL-L158V- ITLPVYTL	185	>VHL-L158V- ITLPVYTV	1342	1157
>VHL-L158V- ITLPVYTL	70	>VHL-L158V- ITLPVYTV	1749	1679
>VHL-L158V- ITLPVYTL	143	>VHL-L158V- ITLPVYTV	1104	961

>VHL-L158V- ITLPVYTLK	144	>VHL-L158V- ITLPVYTVK	200	56
>VHL-L158V- ITLPVYTLKER	394	>VHL-L158V- ITLPVYTVKER	390	4
>VHL-L158V- ITLPVYTL	96	>VHL-L158V- ITLPVYTV	546	450
>VHL-L158V- NITLPVYTL	2887	>VHL-L158V- NITLPVYTV	426	2461
>VHL-L158V- NITLPVYTL	2985	>VHL-L158V- NITLPVYTV	408	2577
>VHL-L158V- NITLPVYTL	1468	>VHL-L158V- NITLPVYTV	50	1418
>VHL-L158V- NITLPVYTL	1608	>VHL-L158V- NITLPVYTV	107	1501
>VHL-L158V- NITLPVYTL	6078	>VHL-L158V- NITLPVYTV	263	5815
>VHL-L158V- NITLPVYTL	2431	>VHL-L158V- NITLPVYTV	73	2358
>VHL-L158V- NITLPVYTL	3295	>VHL-L158V- NITLPVYTV	74	3221
>VHL-L158V- NITLPVYTLK	194	>VHL-L158V- NITLPVYTVK	467	273
>VHL-L158V- NITLPVYTLK	45	>VHL-L158V- NITLPVYTVK	82	37
>VHL-L158V- NITLPVYTLK	24	>VHL-L158V- NITLPVYTVK	88	64
>VHL-L158V- NITLPVYTL	70	>VHL-L158V- NITLPVYTV	14	56
>VHL-L158V- NITLPVYTL	700	>VHL-L158V- NITLPVYTV	56	644
>VHL-L158V- ANITLPVYTL	411	>VHL-L158V- ANITLPVYTV	379	32
>VHL-L158V- ANITLPVYTL	1968	>VHL-L158V- ANITLPVYTV	359	1609
>VHL-L158V- ANITLPVYTLK	232	>VHL-L158V- ANITLPVYTVK	900	668
>VHL-L163H- LQVVRSLV	147	>VHL-L163H- HQVVRSLV	392	245
>VHL-L163H- LQVVRSLV	14	>VHL-L163H- HQVVRSLV	33	19
>VHL-L163H- LQVVRSLVK	660	>VHL-L163H- HQVVRSLVK	289	371
>VHL-L163H- LQVVRSLVK	1367	>VHL-L163H- HQVVRSLVK	138	1229
>VHL-L163H- LQVVRSLV	214	>VHL-L163H- HQVVRSLV	432	218
>VHL-L163H- CLQVVRSLV	325	>VHL-L163H- CHQVVRSLV	15723	15398
>VHL-L163H- CLQVVRSLV	456	>VHL-L163H- CHQVVRSLV	26616	26160
>VHL-L163H- CLQVVRSL	274	>VHL-L163H- CHQVVRSL	34521	34247
>VHL-L163H- CLQVVRSLV	16	>VHL-L163H- CHQVVRSLV	27382	27366
>VHL-L163H- CLQVVRSLVK	97	>VHL-L163H- CHQVVRSLVK	15752	15655
>VHL-L163H- CLQVVRSLVK	305	>VHL-L163H- CHQVVRSLVK	21914	21609
>VHL-L163H- LPVYTLKERCL	224	>VHL-L163H- LPVYTLKERCL	15965	15741
>VHL-L163H- RCLQVVRSLV	392	>VHL-L163H- RCHQVVRSLV	1456	1064
>VHL-L163H- RCLQVVRSLV	2907	>VHL-L163H- RCHQVVRSLV	350	2557
>VHL-L163H- RCLQVVRSLV	67	>VHL-L163H- RCHQVVRSLV	11	56
>VHL-L163H- RCLQVVRSL	90	>VHL-L163H- RCHQVVRSL	229	139
>VHL-L163H- ERCLQVVRSL	233	>VHL-L163H- ERCHQVVRSL	295	62
>VHL-L163H- ERCLQVVRSL	432	>VHL-L163H- ERCHQVVRSL	775	343
>VHL-L163H- ERCLQVVR	491	>VHL-L163H- ERCHQVVR	454	37
>VHL-L163H- KERCLQVV	67	>VHL-L163H- KERCHQVV	39	28
>VHL-L163H- KERCLQVVR	367	>VHL-L163H- KERCHQVVR	258	109
>VHL-L163H- KERCLQVV	722	>VHL-L163H- KERCHQVV	326	396
>VHL-L163H- KERCLQVVRS	291	>VHL-L163H- KERCHQVVRS	167	124
>VHL-L163H- KERCLQVV	80	>VHL-L163H- KERCHQVV	150	70
>VHL-L163H- KERCLQVVRS	27	>VHL-L163H- KERCHQVVRS	49	22

>VHL-L163H- KERCLQVV	148	>VHL-L163H- KERCHQVV	108	40
>VHL-L163H- KERCLQVVR	39	>VHL-L163H- KERCHQVVR	31	8
>VHL-L163H- LKERCLQVV	714	>VHL-L163H- LKERCHQVV	391	323
>VHL-L163H- TLKERCLQV	403	>VHL-L163H- TLKERCHQV	286	117
>VHL-L163H- TLKERCLQV	328	>VHL-L163H- TLKERCHQV	46	282
>VHL-L163H- TLKERCLQV	7	>VHL-L163H- TLKERCHQV	6	1
>VHL-L163H- TLKERCLQVV	50	>VHL-L163H- TLKERCHQVV	204	154
>VHL-L163H- TLKERCLQV	186	>VHL-L163H- TLKERCHQV	45	141
>VHL-L163H- TLKERCLQVV	141	>VHL-L163H- TLKERCHQVV	119	22
>VHL-L163H- TLKERCLQV	1011	>VHL-L163H- TLKERCHQV	150	861
>VHL-L163H- TLKERCLQVV	109	>VHL-L163H- TLKERCHQVV	167	58
>VHL-L163H- TLKERCLQV	308	>VHL-L163H- TLKERCHQV	112	196
>VHL-L163H- TLKERCLQVV	369	>VHL-L163H- TLKERCHQVV	488	119
>VHL-L163H- TLKERCLQV	1402	>VHL-L163H- TLKERCHQV	88	1314
>VHL-L163H- TLKERCLQV	3	>VHL-L163H- TLKERCHQV	2	1
>VHL-L163H- TLKERCLQVV	4	>VHL-L163H- TLKERCHQVV	4	0
>VHL-L163H- TLKERCLQVV	58	>VHL-L163H- TLKERCHQVV	32	26
>VHL-L163H- TLKERCLQVV	96	>VHL-L163H- TLKERCHQVV	102	6
>VHL-L163H- TLKERCLQVV	211	>VHL-L163H- TLKERCHQVV	170	41
>VHL-L163H- TLKERCLQV	84	>VHL-L163H- TLKERCHQV	54	30
>VHL-L163H- TLKERCLQVV	436	>VHL-L163H- TLKERCHQVV	434	2
>VHL-L163H- YTLKERCLQV	93	>VHL-L163H- YTLKERCHQV	392	299
>VHL-L163H- YTLKERCLQV'	308	>VHL-L163H- YTLKERCHQV	1507	1199
>VHL-L163H- YTLKERCLQV	127	>VHL-L163H- YTLKERCHQV	258	131
>VHL-L163H- YTLKERCLQV	39	>VHL-L163H- YTLKERCHQV	77	38
>VHL-L163H- YTLKERCLQV'	83	>VHL-L163H- YTLKERCHQV	227	144
>VHL-L163H- YTLKERCLQV	32	>VHL-L163H- YTLKERCHQV	16	16
>VHL-L163H- YTLKERCLQV'	28	>VHL-L163H- YTLKERCHQV	34	6
>VHL-L163H- YTLKERCLQV	860	>VHL-L163H- YTLKERCHQV	178	682
>VHL-L163H- YTLKERCLQV'	95	>VHL-L163H- YTLKERCHQV	239	144
>VHL-L163H- YTLKERCLQV	31	>VHL-L163H- YTLKERCHQV	20	11
>VHL-L163H- YTLKERCLQV'	40	>VHL-L163H- YTLKERCHQV	55	15
>VHL-L163H- YTLKERCLQV	709	>VHL-L163H- YTLKERCHQV	175	534
>VHL-L163H- YTLKERCLQV'	416	>VHL-L163H- YTLKERCHQV	1386	970
>VHL-L163H- YTLKERCLQV	19	>VHL-L163H- YTLKERCHQV	8	11
>VHL-L163H- YTLKERCLQV'	21	>VHL-L163H- YTLKERCHQV	27	6
>VHL-L163H- YTLKERCLQV	1106	>VHL-L163H- YTLKERCHQV	186	920
>VHL-L163H- YTLKERCLQV	14	>VHL-L163H- YTLKERCHQV	8	6
>VHL-L163H- YTLKERCLQV'	53	>VHL-L163H- YTLKERCHQV	61	8
>VHL-L163H- YTLKERCLQV'	803	>VHL-L163H- YTLKERCHQV	484	319
>VHL-L163H- YTLKERCL	205	>VHL-L163H- YTLKERCH	7096	6891
>VHL-L163H- YTLKERCLQV	211	>VHL-L163H- YTLKERCHQV	316	105
>VHL-L163H- YTLKERCL	280	>VHL-L163H- YTLKERCH	2047	1767



>VHL-L163H- YTLKERCLQV'	130	>VHL-L163H- YTLKERCHQV	173	43
>VHL-L163P- LQVVRSLV	147	>VHL-L163P- PQVVRSLV	4193	4046
>VHL-L163P- LQVVRSLV	14	>VHL-L163P- PQVVRSLV	1365	1351
>VHL-L163P- LQVVRSLV	214	>VHL-L163P- PQVVRSLV	2724	2510
>VHL-L163P- CLQVVRSLV	325	>VHL-L163P- CPQVVRSLV	16623	16298
>VHL-L163P- CLQVVRSLV	456	>VHL-L163P- CPQVVRSLV	28303	27847
>VHL-L163P- CLQVVRSL	274	>VHL-L163P- CPQVVRSL	36055	35781
>VHL-L163P- CLQVVRSLV	16	>VHL-L163P- CPQVVRSLV	30519	30503
>VHL-L163P- CLQVVRSLVK	97	>VHL-L163P- CPQVVRSLVK	7351	7254
>VHL-L163P- CLQVVRSLVK	305	>VHL-L163P- CPQVVRSLVK	9288	8983
>VHL-L163P- CLQVVRSL	14068	>VHL-L163P- CPQVVRSL	71	13997
>VHL-L163P- CLQVVRSLV	28576	>VHL-L163P- CPQVVRSLV	154	28422
>VHL-L163P- LPVYTLKERCI	224	>VHL-L163P- LPVYTLKERCI	25577	25353
>VHL-L163P- RCLQVVRSLV	392	>VHL-L163P- RCPQVVRSLV	2352	1960
>VHL-L163P- RCLQVVRSLV	67	>VHL-L163P- RCPQVVRSLV	1526	1459
>VHL-L163P- RCLQVVRSL	90	>VHL-L163P- RCPQVVRSL	325	235
>VHL-L163P- ERCLQVVRSL	233	>VHL-L163P- ERCPQVVRSL	647	414
>VHL-L163P- ERCLQVVRSL	925	>VHL-L163P- ERCPQVVRSL	463	462
>VHL-L163P- ERCLQVVRSL	432	>VHL-L163P- ERCPQVVRSL	481	49
>VHL-L163P- ERCLQVVR	491	>VHL-L163P- ERCPQVVR	502	11
>VHL-L163P- KERCLQVV	67	>VHL-L163P- KERCPQVV	33	34
>VHL-L163P- KERCLQVVR	367	>VHL-L163P- KERCPQVVR	1037	670
>VHL-L163P- KERCLQVV	722	>VHL-L163P- KERCPQVV	289	433
>VHL-L163P- KERCLQVVRS	291	>VHL-L163P- KERCPQVVRS	141	150
>VHL-L163P- KERCLQVV	80	>VHL-L163P- KERCPQVV	526	446
>VHL-L163P- KERCLQVVRS	27	>VHL-L163P- KERCPQVVRS	111	84
>VHL-L163P- KERCLQVV	148	>VHL-L163P- KERCPQVV	271	123
>VHL-L163P- KERCLQVVRS	39	>VHL-L163P- KERCPQVVRS	57	18
>VHL-L163P- LKERCLQVV	714	>VHL-L163P- LKERCPQVV	408	306
>VHL-L163P- TLKERCLQV	403	>VHL-L163P- TLKERCPQV	230	173
>VHL-L163P- TLKERCLQV	328	>VHL-L163P- TLKERCPQV	429	101
>VHL-L163P- TLKERCLQV	7	>VHL-L163P- TLKERCPQV	9	2
>VHL-L163P- TLKERCLQVV	50	>VHL-L163P- TLKERCPQVV	74	24
>VHL-L163P- TLKERCLQV	186	>VHL-L163P- TLKERCPQV	84	102
>VHL-L163P- TLKERCLQVV	141	>VHL-L163P- TLKERCPQVV	108	33
>VHL-L163P- TLKERCLQVV	109	>VHL-L163P- TLKERCPQVV	165	56
>VHL-L163P- TLKERCLQV	308	>VHL-L163P- TLKERCPQV	66	242
>VHL-L163P- TLKERCLQVV	369	>VHL-L163P- TLKERCPQVV	293	76
>VHL-L163P- TLKERCLQV	1402	>VHL-L163P- TLKERCPQV	202	1200
>VHL-L163P- TLKERCLQV	3	>VHL-L163P- TLKERCPQV	3	0
>VHL-L163P- TLKERCLQVV	4	>VHL-L163P- TLKERCPQVV	6	2
>VHL-L163P- TLKERCLQVV	58	>VHL-L163P- TLKERCPQVV	62	4
>VHL-L163P- TLKERCLQVV	96	>VHL-L163P- TLKERCPQVV	138	42

>VHL-L163P- TLKERCLQVV	211	>VHL-L163P- TLKERCPQVV	186	25
>VHL-L163P- TLKERCLQV	84	>VHL-L163P- TLKERCPQV	153	69
>VHL-L163P- TLKERCLQVV	436	>VHL-L163P- TLKERCPQVV	911	475
>VHL-L163P- YTLKERCLQV	93	>VHL-L163P- YTLKERCPQV	172	79
>VHL-L163P- YTLKERCLQV'	308	>VHL-L163P- YTLKERCPQV	580	272
>VHL-L163P- YTLKERCLQV	127	>VHL-L163P- YTLKERCPQV	382	255
>VHL-L163P- YTLKERCLQV	39	>VHL-L163P- YTLKERCPQV	45	6
>VHL-L163P- YTLKERCLQV'	83	>VHL-L163P- YTLKERCPQV	305	222
>VHL-L163P- YTLKERCLQV	32	>VHL-L163P- YTLKERCPQV	20	12
>VHL-L163P- YTLKERCLQV'	28	>VHL-L163P- YTLKERCPQV	23	5
>VHL-L163P- YTLKERCLQV	860	>VHL-L163P- YTLKERCPQV	410	450
>VHL-L163P- YTLKERCLQV'	95	>VHL-L163P- YTLKERCPQV	116	21
>VHL-L163P- YTLKERCLQV	31	>VHL-L163P- YTLKERCPQV	17	14
>VHL-L163P- YTLKERCLQV'	40	>VHL-L163P- YTLKERCPQV	45	5
>VHL-L163P- YTLKERCLQV	709	>VHL-L163P- YTLKERCPQV	264	445
>VHL-L163P- YTLKERCLQV'	416	>VHL-L163P- YTLKERCPQV	516	100
>VHL-L163P- YTLKERCLQV	19	>VHL-L163P- YTLKERCPQV	14	5
>VHL-L163P- YTLKERCLQV'	21	>VHL-L163P- YTLKERCPQV	34	13
>VHL-L163P- YTLKERCLQV	14	>VHL-L163P- YTLKERCPQV	7	7
>VHL-L163P- YTLKERCLQV'	53	>VHL-L163P- YTLKERCPQV	58	5
>VHL-L163P- YTLKERCLQV'	803	>VHL-L163P- YTLKERCPQV	445	358
>VHL-L163P- YTLKERCL	205	>VHL-L163P- YTLKERCP	22588	22383
>VHL-L163P- YTLKERCLQV	211	>VHL-L163P- YTLKERCPQV	239	28
>VHL-L163P- YTLKERCL	280	>VHL-L163P- YTLKERCP	12969	12689
>VHL-L163P- YTLKERCLQV'	130	>VHL-L163P- YTLKERCPQV	288	158
>VHL-L169P- LVKPENYR	23	>VHL-L169P- PVKPENYR	389	366
>VHL-L169P- LVKPENYRR	35	>VHL-L169P- PVKPENYRR	585	550
>VHL-L169P- LVKPENYR	159	>VHL-L169P- PVKPENYR	877	718
>VHL-L169P- LVKPENYRR	302	>VHL-L169P- PVKPENYRR	1424	1122
>VHL-L169P- LVKPENYR	60	>VHL-L169P- PVKPENYR	1141	1081
>VHL-L169P- LVKPENYRR	122	>VHL-L169P- PVKPENYRR	2278	2156
>VHL-L169P- LVKPENYR	287	>VHL-L169P- PVKPENYR	372	85
>VHL-L169P- SLVKPENYRR	409	>VHL-L169P- SPVKPENYRR	32332	31923
>VHL-L169P- SLVKPENYRR	44	>VHL-L169P- SPVKPENYRR	24441	24397
>VHL-L169P- SLVKPENYRR	394	>VHL-L169P- SPVKPENYRR	25924	25530
>VHL-L169P- SLVKPENYRR	26	>VHL-L169P- SPVKPENYRR	31843	31817
>VHL-L169P- SLVKPENY	281	>VHL-L169P- SPVKPENY	813	532
>VHL-L169P- SLVKPENY	434	>VHL-L169P- SPVKPENY	7137	6703
>VHL-L169P- SLVKPENYR	177	>VHL-L169P- SPVKPENYR	7200	7023
>VHL-L169P- SLVKPENYRR	103	>VHL-L169P- SPVKPENYRR	1119	1016
>VHL-L169P- SLVKPENYR	133	>VHL-L169P- SPVKPENYR	984	851
>VHL-L169P- SLVKPENYRR	142	>VHL-L169P- SPVKPENYRR	719	577
>VHL-L169P- SLVKPENY	96	>VHL-L169P- SPVKPENY	4147	4051

>VHL-L169P- SLVKPENYRR	18973	>VHL-L169P- SPVKPENYRR	45	18928
>VHL-L169P- SLVKPENY	218	>VHL-L169P- SPVKPENY	2765	2547
>VHL-L169P- SLVKPENY	10639	>VHL-L169P- SPVKPENY	123	10516
>VHL-L169P- SLVKPENY	29958	>VHL-L169P- SPVKPENY	223	29735
>VHL-L169P- SLVKPENY	9388	>VHL-L169P- SPVKPENY	332	9056
>VHL-L169P- SLVKPENYRR	85	>VHL-L169P- SPVKPENYRR	263	178
>VHL-L169P- KERCLQVVRS	291	>VHL-L169P- KERCLQVVRS	7795	7504
>VHL-L169P- KERCLQVVRS	27	>VHL-L169P- KERCLQVVRS	1000	973
>VHL-L169P- KERCLQVVRS	39	>VHL-L169P- KERCLQVVRS	1767	1728
>VHL-L169P- RSLVKPENYR	40	>VHL-L169P- RSPVKPENYR	194	154
>VHL-L169P- RSLVKPENYR	12	>VHL-L169P- RSPVKPENYR	63	51
>VHL-L169P- RSLVKPENYR	542	>VHL-L169P- RSPVKPENYR	279	263
>VHL-L169P- RSLVKPENY	242	>VHL-L169P- RSPVKPENY	2466	2224
>VHL-L169P- RSLVKPENY	185	>VHL-L169P- RSPVKPENY	2095	1910
>VHL-L169P- RSLVKPENY	3	>VHL-L169P- RSPVKPENY	34	31
>VHL-L169P- RSLVKPENY	56	>VHL-L169P- RSPVKPENY	7642	7586
>VHL-L169P- RSLVKPENYR	355	>VHL-L169P- RSPVKPENYR	3305	2950
>VHL-L169P- RSLVKPENYR	124	>VHL-L169P- RSPVKPENYR	264	140
>VHL-L169P- RSLVKPENYR	148	>VHL-L169P- RSPVKPENYR	232	84
>VHL-L169P- VRSLVKPENY	930	>VHL-L169P- VRSPVKPENY	458	472
>VHL-L169P- VRSLVKPENY	310	>VHL-L169P- VRSPVKPENY	825	515
>VHL-L169P- VVRSLVKPEN	228	>VHL-L169P- VVRSPVKPEN	103	125
>VHL-L169P- VVRSLVKPEN	905	>VHL-L169P- VVRSPVKPEN	363	542
>VHL-L169P- VVRSLVKPEN	427	>VHL-L169P- VVRSPVKPEN	660	233
>VHL-L169P- VVRSLVKPEN	141	>VHL-L169P- VVRSPVKPEN	533	392
>VHL-L169P- VVRSLVKPEN	579	>VHL-L169P- VVRSPVKPEN	322	257
>VHL-L169P- VVRSLVKPEN	83	>VHL-L169P- VVRSPVKPEN	44	39
>VHL-L169P- VVRSLVKPEN	126	>VHL-L169P- VVRSPVKPEN	119	7
>VHL-L169P- QVVRSLVK	358	>VHL-L169P- QVVRSPVK	626	268
>VHL-L169P- QVVRSLVK	70	>VHL-L169P- QVVRSPVK	126	56
>VHL-L169P- QVVRSLVK	136	>VHL-L169P- QVVRSPVK	90	46
>VHL-L169P- QVVRSLVK	208	>VHL-L169P- QVVRSPVK	190	18
>VHL-L169P- LQVVRSLV	147	>VHL-L169P- LQVVRSPV	90	57
>VHL-L169P- LQVVRSLV	14	>VHL-L169P- LQVVRSPV	10	4
>VHL-L169P- LQVVRSLV	1545	>VHL-L169P- LQVVRSPV	203	1342
>VHL-L169P- LQVVRSLV	214	>VHL-L169P- LQVVRSPV	46	168
>VHL-L169P- CLQVVRSLV	325	>VHL-L169P- CLQVVRSPV	145	180
>VHL-L169P- CLQVVRSLV	456	>VHL-L169P- CLQVVRSPV	219	237
>VHL-L169P- CLQVVRSLV	920	>VHL-L169P- CLQVVRSPV	248	672
>VHL-L169P- CLQVVRSL	274	>VHL-L169P- CLQVVRSP	28171	27897
>VHL-L169P- CLQVVRSLV	16	>VHL-L169P- CLQVVRSPV	13	3
>VHL-L169P- CLQVVRSLVK	97	>VHL-L169P- CLQVVRSPVK	364	267
>VHL-L169P- CLQVVRSLVK	305	>VHL-L169P- CLQVVRSPVK	975	670

>VHL-L169P- RCLQVVRSLV	392	>VHL-L169P- RCLQVVRSPV	234	158
>VHL-L169P- RCLQVVRSLV	67	>VHL-L169P- RCLQVVRSPV	49	18
>VHL-L169P- RCLQVVRSL	90	>VHL-L169P- RCLQVVRSP	5302	5212
>VHL-L169P- ERCLQVVRSL	233	>VHL-L169P- ERCLQVVRSP	17277	17044
>VHL-L169P- ERCLQVVRSL	432	>VHL-L169P- ERCLQVVRSP	17168	16736
>VHL-L178R- LDIVRSLY	428	>VHL-L178R- RDIVRSLY	1325	897
>VHL-L178R- LDIVRSLYEDL	1598	>VHL-L178R- RDIVRSLYEDL	240	1358
>VHL-L178R- LDIVRSLYEDL	491	>VHL-L178R- RDIVRSLYEDL	421	70
>VHL-L178R- RLDIVRSLY	116	>VHL-L178R- RRDIVRSLY	8450	8334
>VHL-L178R- RLDIVRSL	312	>VHL-L178R- RRDIVRSL	22609	22297
>VHL-L178R- RLDIVRSL	14	>VHL-L178R- RRDIVRSL	19215	19201
>VHL-L178R- RLDIVRSL	400	>VHL-L178R- RRDIVRSL	24790	24390
>VHL-L178R- RLDIVRSL	82	>VHL-L178R- RRDIVRSL	24306	24224
>VHL-L178R- RLDIVRSL	52	>VHL-L178R- RRDIVRSL	32289	32237
>VHL-L178R- RLDIVRSLY	157	>VHL-L178R- RRDIVRSLY	21063	20906
>VHL-L178R- RLDIVRSLY	77	>VHL-L178R- RRDIVRSLY	540	463
>VHL-L178R- RLDIVRSL	415	>VHL-L178R- RRDIVRSL	12389	11974
>VHL-L178R- RLDIVRSLY	33	>VHL-L178R- RRDIVRSLY	1218	1185
>VHL-L178R- RLDIVRSL	12969	>VHL-L178R- RRDIVRSL	179	12790
>VHL-L178R- RLDIVRSLY	12104	>VHL-L178R- RRDIVRSLY	343	11761
>VHL-L178R- RLDIVRSLYE	28032	>VHL-L178R- RRDIVRSLYE	434	27598
>VHL-L178R- RLDIVRSLY	32	>VHL-L178R- RRDIVRSLY	99	67
>VHL-L178R- RLDIVRSL	4874	>VHL-L178R- RRDIVRSL	21	4853
>VHL-L178R- RLDIVRSLYE	17095	>VHL-L178R- RRDIVRSLYE	81	17014
>VHL-L178R- RLDIVRSL	5879	>VHL-L178R- RRDIVRSL	84	5795
>VHL-L178R- RLDIVRSLYE	22368	>VHL-L178R- RRDIVRSLYE	176	22192
>VHL-L178R- SLVKPENYRR	409	>VHL-L178R- SLVKPENYRR	23341	22932
>VHL-L178R- SLVKPENYRR	44	>VHL-L178R- SLVKPENYRR	15165	15121
>VHL-L178R- SLVKPENYRR	394	>VHL-L178R- SLVKPENYRR	21987	21593
>VHL-L178R- SLVKPENYRR	26	>VHL-L178R- SLVKPENYRR	14637	14611
>VHL-L178R- RRLDIVRSL	10406	>VHL-L178R- RRRDIVRSL	413	9993
>VHL-L178R- RRLDIVRSLY	10222	>VHL-L178R- RRRDIVRSLY	454	9768
>VHL-L178R- RRLDIVRSLY	81	>VHL-L178R- RRRDIVRSLY	182	101
>VHL-L178R- RRLDIVRSLY	437	>VHL-L178R- RRRDIVRSLY	1540	1103
>VHL-L178R- RRLDIVRSL	109	>VHL-L178R- RRRDIVRSL	81	28
>VHL-L178R- RRLDIVRSLY	49	>VHL-L178R- RRRDIVRSLY	35	14
>VHL-L178R- RRLDIVRS	102	>VHL-L178R- RRRDIVRS	385	283
>VHL-L178R- RRLDIVRSL	15	>VHL-L178R- RRRDIVRSL	35	20
>VHL-L178R- RRLDIVRSLY	10	>VHL-L178R- RRRDIVRSLY	11	1
>VHL-L178R- RRLDIVRS	242	>VHL-L178R- RRRDIVRS	90	152
>VHL-L178R- RRLDIVRSLY	303	>VHL-L178R- RRRDIVRSLY	136	167
>VHL-L178R- RRLDIVRSLYE	319	>VHL-L178R- RRRDIVRSLYE	156	163
>VHL-L178R- RRLDIVRSLY	318	>VHL-L178R- RRRDIVRSLY	202	116

>VHL-L178R- YRRLDIVRSL	130	>VHL-L178R- YRRRDIVRSL	42	88
>VHL-L178R- YRRLDIVRSLY	65	>VHL-L178R- YRRRDIVRSLY	21	44
>VHL-L178R- YRRLDIVR	308	>VHL-L178R- YRRRDIVR	223	85
>VHL-L178R- YRRLDIVRSL	43	>VHL-L178R- YRRRDIVRSL	57	14
>VHL-L178R- YRRLDIVRSLY	206	>VHL-L178R- YRRRDIVRSLY	132	74
>VHL-L178R- YRRLDIVRSLY	95	>VHL-L178R- YRRRDIVRSLY	59	36
>VHL-L178R- YRRLDIVRSL	304	>VHL-L178R- YRRRDIVRSL	181	123
>VHL-L178R- YRRLDIVRSLY	391	>VHL-L178R- YRRRDIVRSLY	244	147
>VHL-L178R- YRRLDIVRSL	94	>VHL-L178R- YRRRDIVRSL	75	19
>VHL-L178R- YRRLDIVRSLY	177	>VHL-L178R- YRRRDIVRSLY	185	8
>VHL-L178R- NYRRLDIVRSI	129	>VHL-L178R- NYRRRDIVRS	263	134
>VHL-L178R- NYRRLDIVR	256	>VHL-L178R- NYRRRDIVR	195	61
>VHL-L178R- NYRRLDIVR	30	>VHL-L178R- NYRRRDIVR	19	11
>VHL-L178R- NYRRLDIVRSI	2631	>VHL-L178R- NYRRRDIVRS	273	2358
>VHL-L178R- PENYRRLDI	86	>VHL-L178R- PENYRRRDI	74	12
>VHL-L178R- KPENYRRL	39	>VHL-L178R- KPENYRRR	17746	17707
>VHL-L178R- KPENYRRLDI	104	>VHL-L178R- KPENYRRRDI	77	27
>VHL-L178R- KPENYRRLDI	139	>VHL-L178R- KPENYRRRDI	48	91
>VHL-L178R- LVKPENYRRL	20686	>VHL-L178R- LVKPENYRRR	187	20499
>VHL-L184P- LYEDLEDHPN	331	>VHL-L184P- PYEDLEDHPN	7071	6740
>VHL-L184P- SLYEDLEDHP	208	>VHL-L184P- SPYEDLEDHP	26841	26633
>VHL-L184P- NYRRLDIVRSI	129	>VHL-L184P- NYRRLDIVRSI	14261	14132
>VHL-L184P- IVRSLYEDL	292	>VHL-L184P- IVRSPYEDL	304	12
>VHL-L184P- DIVRSLYEDL	114	>VHL-L184P- DIVRSPYEDL	335	221
>VHL-L184P- LDIVRSLY	428	>VHL-L184P- LDIVRSPY	2250	1822
>VHL-L184P- LDIVRSLYEDL	491	>VHL-L184P- LDIVRSPYEDL	937	446
>VHL-L184P- RLDIVRSLY	116	>VHL-L184P- RLDIVRSPY	378	262
>VHL-L184P- RLDIVRSL	312	>VHL-L184P- RLDIVRSP	15672	15360
>VHL-L184P- RLDIVRSL	14	>VHL-L184P- RLDIVRSP	6557	6543
>VHL-L184P- RLDIVRSL	400	>VHL-L184P- RLDIVRSP	20075	19675
>VHL-L184P- RLDIVRSL	82	>VHL-L184P- RLDIVRSP	17595	17513
>VHL-L184P- RLDIVRSL	52	>VHL-L184P- RLDIVRSP	23423	23371
>VHL-L184P- RLDIVRSLY	157	>VHL-L184P- RLDIVRSPY	315	158
>VHL-L184P- RLDIVRSLY	77	>VHL-L184P- RLDIVRSPY	118	41
>VHL-L184P- RLDIVRSL	415	>VHL-L184P- RLDIVRSP	10331	9916
>VHL-L184P- RLDIVRSLY	33	>VHL-L184P- RLDIVRSPY	310	277
>VHL-L184P- RLDIVRSLY	3433	>VHL-L184P- RLDIVRSPY	234	3199
>VHL-L184P- RLDIVRSLY	32	>VHL-L184P- RLDIVRSPY	478	446
>VHL-L184P- RLDIVRSLY	68	>VHL-L184P- RLDIVRSPY	197	129
>VHL-L184P- RRLDIVRSLY	81	>VHL-L184P- RRLDIVRSPY	222	141
>VHL-L184P- RRLDIVRSLY	437	>VHL-L184P- RRLDIVRSPY	1712	1275
>VHL-L184P- RRLDIVRSL	109	>VHL-L184P- RRLDIVRSP	2975	2866
>VHL-L184P- RRLDIVRSLY	49	>VHL-L184P- RRLDIVRSPY	12	37

>VHL-L184P- RRLDIVRSL	15	>VHL-L184P- RRLDIVRSP	216	201
>VHL-L184P- RRLDIVRSLY	10	>VHL-L184P- RRLDIVRSPY	12	2
>VHL-L184P- RRLDIVRSLY	303	>VHL-L184P- RRLDIVRSPY	618	315
>VHL-L184P- RRLDIVRSLYE	319	>VHL-L184P- RRLDIVRSPYE	613	294
>VHL-L184P- RRLDIVRSLY	318	>VHL-L184P- RRLDIVRSPY	667	349
>VHL-L184P- YRRLDIVRSL	130	>VHL-L184P- YRRLDIVRSP	3908	3778
>VHL-L184P- YRRLDIVRSLY	65	>VHL-L184P- YRRLDIVRSPY	16	49
>VHL-L184P- YRRLDIVRSL	43	>VHL-L184P- YRRLDIVRSP	7081	7038
>VHL-L184P- YRRLDIVRSLY	206	>VHL-L184P- YRRLDIVRSPY	155	51
>VHL-L184P- YRRLDIVRSLY	95	>VHL-L184P- YRRLDIVRSPY	546	451
>VHL-L184P- YRRLDIVRSL	304	>VHL-L184P- YRRLDIVRSP	8238	7934
>VHL-L184P- YRRLDIVRSLY	391	>VHL-L184P- YRRLDIVRSPY	945	554
>VHL-L184P- YRRLDIVRSL	94	>VHL-L184P- YRRLDIVRSP	6402	6308
>VHL-L184P- YRRLDIVRSLY	177	>VHL-L184P- YRRLDIVRSPY	637	460
>VHL-L188P- LEDHPNVQKI	144	>VHL-L188P- PEDHPNVQK	1866	1722
>VHL-L188P- DLEDHPNV	227	>VHL-L188P- DPEDHPNV	27273	27046
>VHL-L188P- DLEDHPNV	14	>VHL-L188P- DPEDHPNV	25164	25150
>VHL-L188P- DLEDHPNV	378	>VHL-L188P- DPEDHPNV	1448	1070
>VHL-L188P- LDIVRSLYEDL	491	>VHL-L188P- LDIVRSLYEDF	20234	19743
>VHL-L188P- EDLEDHPNV	25	>VHL-L188P- EDPEDHPNV	1648	1623
>VHL-L188P- YEDLEDHPNV	999	>VHL-L188P- YEDPEDHPNV	257	742
>VHL-L188P- YEDLEDHPNV	3930	>VHL-L188P- YEDPEDHPNV	485	3445
>VHL-L188P- LYEDLEDHPNV	331	>VHL-L188P- LYEDPEDHPNV	265	66
>VHL-L188P- SLYEDLED	581	>VHL-L188P- SLYEDPED	343	238
>VHL-L188P- SLYEDLEDHPNV	208	>VHL-L188P- SLYEDPEDHPNV	159	49
>VHL-L188P- IVRSLYEDL	292	>VHL-L188P- IVRSLYEDP	11912	11620
>VHL-L188P- DIVRSLYEDL	114	>VHL-L188P- DIVRSLYEDP	14381	14267
>VHL-L188Q- LEDHPNVQKI	144	>VHL-L188Q- QEDHPNVQK	260	116
>VHL-L188Q- DLEDHPNV	227	>VHL-L188Q- DQEDHPNV	9691	9464
>VHL-L188Q- DLEDHPNV	14	>VHL-L188Q- DQEDHPNV	10297	10283
>VHL-L188Q- DLEDHPNV	378	>VHL-L188Q- DQEDHPNV	4827	4449
>VHL-L188Q- LDIVRSLYEDL	491	>VHL-L188Q- LDIVRSLYEDC	16712	16221
>VHL-L188Q- EDLEDHPNV	25	>VHL-L188Q- EDQEDHPNV	977	952
>VHL-L188Q- YEDLEDHPNV	999	>VHL-L188Q- YEDQEDHPNV	339	660
>VHL-L188Q- LYEDLEDHPNV	331	>VHL-L188Q- LYEDQEDHPNV	230	101
>VHL-L188Q- SLYEDLEDHPNV	208	>VHL-L188Q- SLYEDQEDHPNV	295	87
>VHL-L188Q- IVRSLYEDL	292	>VHL-L188Q- IVRSLYEDQ	3979	3687
>VHL-L188Q- DIVRSLYEDL	114	>VHL-L188Q- DIVRSLYEDQ	1559	1445
>VHL-L188R- LEDHPNVQKI	144	>VHL-L188R- REDHPNVQK	29	115
>VHL-L188R- DLEDHPNV	227	>VHL-L188R- DREDHPNV	26098	25871
>VHL-L188R- DLEDHPNV	14	>VHL-L188R- DREDHPNV	20071	20057
>VHL-L188R- DLEDHPNV	378	>VHL-L188R- DREDHPNV	12455	12077
>VHL-L188R- LDIVRSLYEDL	491	>VHL-L188R- LDIVRSLYEDF	20753	20262

>VHL-L188R- EDLEDHPNV	25	>VHL-L188R- EDREDHPNV	3173	3148
>VHL-L188R- LYEDLEDHPN	331	>VHL-L188R- LYEDREDHPN	265	66
>VHL-L188R- SLYEDLEDHP	208	>VHL-L188R- SLYEDREDHP	794	586
>VHL-L188R- IVRSLYEDL	16213	>VHL-L188R- IVRSLYEDR	60	16153
>VHL-L188R- IVRSLYEDL	23309	>VHL-L188R- IVRSLYEDR	260	23049
>VHL-L188R- IVRSLYEDL	33593	>VHL-L188R- IVRSLYEDR	360	33233
>VHL-L188R- IVRSLYEDL	292	>VHL-L188R- IVRSLYEDR	7024	6732
>VHL-L188R- DIVRSLYEDL	114	>VHL-L188R- DIVRSLYEDR	6559	6445
>VHL-L188R- DIVRSLYEDL	21884	>VHL-L188R- DIVRSLYEDR	262	21622
>VHL-L188R- DIVRSLYEDL	31376	>VHL-L188R- DIVRSLYEDR	207	31169
>VHL-L188V- LEDHPNVQKI	144	>VHL-L188V- VEDHPNVQK	291	147
>VHL-L188V- DLEDHPNV	227	>VHL-L188V- DVEDHPNV	8044	7817
>VHL-L188V- DLEDHPNV	14	>VHL-L188V- DVEDHPNV	830	816
>VHL-L188V- DLEDHPNVQ	3048	>VHL-L188V- DVEDHPNVQ	324	2724
>VHL-L188V- DLEDHPNV	378	>VHL-L188V- DVEDHPNV	103	275
>VHL-L188V- LDIVRSLYEDL	491	>VHL-L188V- LDIVRSLYEDV	98	393
>VHL-L188V- EDLEDHPNV	25	>VHL-L188V- EDVEDHPNV	126	101
>VHL-L188V- LYEDLEDHPN	331	>VHL-L188V- LYEDVEDHPN	319	12
>VHL-L188V- SLYEDLED	581	>VHL-L188V- SLYEDVED	369	212
>VHL-L188V- SLYEDLEDHP	652	>VHL-L188V- SLYEDVEDHP	323	329
>VHL-L188V- SLYEDLEDHP	208	>VHL-L188V- SLYEDVEDHP	151	57
>VHL-L188V- SLYEDLEDHP	663	>VHL-L188V- SLYEDVEDHP	375	288
>VHL-L188V- IVRSLYEDL	6792	>VHL-L188V- IVRSLYEDV	347	6445
>VHL-L188V- IVRSLYEDL	292	>VHL-L188V- IVRSLYEDV	927	635
>VHL-L188V- DIVRSLYEDL	114	>VHL-L188V- DIVRSLYEDV	1408	1294
>VHL-L188V- DIVRSLYEDL	2947	>VHL-L188V- DIVRSLYEDV	350	2597
>VHL-L198P- LERLTQERI	43	>VHL-L198P- PERLTQERI	495	452
>VHL-L198P- LERLTQERIAI	341	>VHL-L198P- PERLTQERIAI	4369	4028
>VHL-L198P- LERLTQERI	25	>VHL-L198P- PERLTQERI	279	254
>VHL-L198P- DLERLTQER	222	>VHL-L198P- DPERLTQER	3125	2903
>VHL-L198P- DLERLTQER	454	>VHL-L198P- DPERLTQER	2408	1954
>VHL-L198P- LEDHPNVQKI	144	>VHL-L198P- LEDHPNVQKI	12193	12049
>VHL-L198P- KDLERLTQER	55	>VHL-L198P- KDPERLTQER	364	309
>VHL-L198P- KDLERLTQER	44	>VHL-L198P- KDPERLTQER	289	245
>VHL-L198P- NVQKDLERL	388	>VHL-L198P- NVQKDPERL	6331	5943
>VHL-L198P- NVQKDLER	163	>VHL-L198P- NVQKDPER	175	12
>VHL-L198P- HPNVQKDL	401	>VHL-L198P- HPNVQKDP	26809	26408
>VHL-L198P- HPNVQKDLEI	230	>VHL-L198P- HPNVQKDPE	221	9
>VHL-L48V- $\nu$ LGAEEMEAC	442	>VHL-L48V- $\bar{\nu}$ VGAEEMEAC	1164	722
>VHL-L48V- $\nu$ ELGAEEMEAC	238	>VHL-L48V- $\bar{\nu}$ EVGAEEMEAC	15710	15472
>VHL-L48V- $\nu$ ELGAEEM	3622	>VHL-L48V- $\bar{\nu}$ EVGAEEM	69	3553
>VHL-L48V- $\nu$ EELGAEEM	277	>VHL-L48V- $\bar{\nu}$ EEVGAEEM	156	121
>VHL-L48V- $\nu$ EELGAEEME	18	>VHL-L48V- $\bar{\nu}$ EEVGAEEMI	19	1

>VHL-L48V-w GPEELGAEED	247	>VHL-L48V-r GPEEVGAEED	233	14
>VHL-L48V-w EESGPEEL	57	>VHL-L48V-r EESGPEEV	751	694
>VHL-L48V-w EESGPEEL	364	>VHL-L48V-r EESGPEEV	49	315
>VHL-L48V-w EESGPEELGA	355	>VHL-L48V-r EESGPEEVGA	308	47
>VHL-L48V-w PEESGPEEL	231	>VHL-L48V-r PEESGPEEV	2481	2250
>VHL-L85P-w LPVWLNFDG	285	>VHL-L85P-r PPVWLNFDG	5331	5046
>VHL-L85P-w LPVWLNFD	106	>VHL-L85P-r PPVWLNFD	2859	2753
>VHL-L85P-w LPVWLNFDG	251	>VHL-L85P-r PPVWLNFDG	5505	5254
>VHL-L85P-w LPVWLNFDG	345	>VHL-L85P-r PPVWLNFDG	6092	5747
>VHL-L85P-w VLPVWLN	1383	>VHL-L85P-r VPPVWLN	94	1289
>VHL-L85P-w VLPVWLN	27444	>VHL-L85P-r VPPVWLN	232	27212
>VHL-L85P-w VLPVWLN	235	>VHL-L85P-r VPPVWLN	1420	1185
>VHL-L85P-w VLPVWLN	454	>VHL-L85P-r VPPVWLN	2414	1960
>VHL-L85P-w VLPVWLN	29573	>VHL-L85P-r VPPVWLN	401	29172
>VHL-L85P-w VVLPVWLN	443	>VHL-L85P-r VVPPVWLN	1075	632
>VHL-L85P-w VVLPVWLN	261	>VHL-L85P-r VVPPVWLN	1160	899
>VHL-L85P-w VVLPVWLN	42	>VHL-L85P-r VVPPVWLN	188	146
>VHL-L85P-w VVLPVWLN	449	>VHL-L85P-r VVPPVWLN	196	253
>VHL-L85P-w VVLPVWLN	190	>VHL-L85P-r VVPPVWLN	109	81
>VHL-L85P-w VVLPVWLN	70	>VHL-L85P-r VVPPVWLN	696	626
>VHL-L85P-w VVLPVWLN	461	>VHL-L85P-r VVPPVWLN	2679	2218
>VHL-L85P-w VVLPVWLN	20	>VHL-L85P-r VVPPVWLN	1446	1426
>VHL-L85P-w VVLPVWLN	63	>VHL-L85P-r VVPPVWLN	6746	6683
>VHL-L85P-w VVLPVWLN	399	>VHL-L85P-r VVPPVWLN	5139	4740
>VHL-L85P-w RVVLPVWL	415	>VHL-L85P-r RVVPPVWL	93	322
>VHL-L85P-w RVVLPVWL	1138	>VHL-L85P-r RVVPPVWL	217	921
>VHL-L85P-w RVVLPVWL	1579	>VHL-L85P-r RVVPPVWL	194	1385
>VHL-L85P-w RVVLPVWLN	582	>VHL-L85P-r RVVPPVWLN	122	460
>VHL-L85P-w RVVLPVWL	535	>VHL-L85P-r RVVPPVWL	298	237
>VHL-L85P-w RVVLPVWLN	182	>VHL-L85P-r RVVPPVWLN	128	54
>VHL-L85P-w RVVLPVWL	351	>VHL-L85P-r RVVPPVWL	476	125
>VHL-L85P-w RVVLPVWLN	202	>VHL-L85P-r RVVPPVWLN	241	39
>VHL-L85P-w RVVLPVWLN	819	>VHL-L85P-r RVVPPVWLN	258	561
>VHL-L85P-w RVVLPVWLN	355	>VHL-L85P-r RVVPPVWLN	140	215
>VHL-L85P-w RVVLPVWL	89	>VHL-L85P-r RVVPPVWL	19	70
>VHL-L85P-w RVVLPVWLN	9	>VHL-L85P-r RVVPPVWLN	4	5
>VHL-L85P-w RVVLPVWLN	2106	>VHL-L85P-r RVVPPVWLN	455	1651
>VHL-L85P-w RVVLPVWLN	56	>VHL-L85P-r RVVPPVWLN	20	36
>VHL-L85P-w RVVLPVWL	1825	>VHL-L85P-r RVVPPVWL	319	1506
>VHL-L85P-w RVVLPVWLN	230	>VHL-L85P-r RVVPPVWLN	712	482
>VHL-L85P-w RVVLPVWLN	320	>VHL-L85P-r RVVPPVWLN	231	89
>VHL-L85P-w PRVLPVWLI	364	>VHL-L85P-r PRVPPVWLI	230	134
>VHL-L85P-w PRVLPVWL	89	>VHL-L85P-r PRVPPVWL	678	589



>VHL-L85P-w PRVVLPVWLI	385	>VHL-L85P-n PRVVPPVWLI	1266	881
>VHL-L85P-w SPRVVLPV	21	>VHL-L85P-n SPRVVPPV	37	16
>VHL-L85P-w SPRVVLPVW	189	>VHL-L85P-n SPRVVPPVW	389	200
>VHL-L85P-w SPRVVLPVWI	61	>VHL-L85P-n SPRVVPPVWI	65	4
>VHL-L85P-w SPRVVLPVW	318	>VHL-L85P-n SPRVVPPVW	354	36
>VHL-L85P-w SPRVVLPV	251	>VHL-L85P-n SPRVVPPV	165	86
>VHL-L85P-w SPRVVLPVW	42	>VHL-L85P-n SPRVVPPVW	256	214
>VHL-L85P-w RSPRVVLPV	488	>VHL-L85P-n RSPRVVPPV	259	229
>VHL-L85P-w RSPRVVLPV	664	>VHL-L85P-n RSPRVVPPV	303	361
>VHL-L85P-w RSPRVVLPV	301	>VHL-L85P-n RSPRVVPPV	170	131
>VHL-L85P-w RSPRVVLPV	130	>VHL-L85P-n RSPRVVPPV	419	289
>VHL-L85P-w RSPRVVLPVW	247	>VHL-L85P-n RSPRVVPPVW	244	3
>VHL-L85P-w RSPRVVLPVW	147	>VHL-L85P-n RSPRVVPPVW	290	143
>VHL-L85P-w RSPRVVLPVW	55	>VHL-L85P-n RSPRVVPPVW	80	25
>VHL-L85P-w RSPRVVLPVW	301	>VHL-L85P-n RSPRVVPPVW	314	13
>VHL-L85P-w RSPRVVLPVW	48	>VHL-L85P-n RSPRVVPPVW	47	1
>VHL-L85P-w RSPRVVLPVW	12	>VHL-L85P-n RSPRVVPPVW	11	1
>VHL-L85P-w RSPRVVLPVW	39	>VHL-L85P-n RSPRVVPPVW	89	50
>VHL-L85P-w RSPRVVLPVW	4	>VHL-L85P-n RSPRVVPPVW	4	0
>VHL-L85P-w RSPRVVLPVW	493	>VHL-L85P-n RSPRVVPPVW	995	502
>VHL-L85P-w RSPRVVLPVW	345	>VHL-L85P-n RSPRVVPPVW	268	77
>VHL-L85P-w NRSPRVVL	22	>VHL-L85P-n NRSPRVVP	10694	10672
>VHL-L85P-w NRSPRVVLPV	265	>VHL-L85P-n NRSPRVVPPV	269	4
>VHL-L89H-w LNFDGEPQ\	165	>VHL-L89H-n HNFDGEPQ'	403	238
>VHL-L89H-w LNFDGEPQ\	562	>VHL-L89H-n HNFDGEPQ'	172	390
>VHL-L89H-w LNFDGEPQ\	111	>VHL-L89H-n HNFDGEPQ'	188	77
>VHL-L89H-w WLNFDGEPQ	50	>VHL-L89H-n WHNFDGEPQ'	504	454
>VHL-L89H-w WLNFDGEPQ	54	>VHL-L89H-n WHNFDGEPQ'	5238	5184
>VHL-L89H-w WLNFDGEPQ	52	>VHL-L89H-n WHNFDGEPQ'	1533	1481
>VHL-L89H-w WLNFDGEPQ	102	>VHL-L89H-n WHNFDGEPQ'	64	38
>VHL-L89H-w WLNFDGEPQ	90	>VHL-L89H-n WHNFDGEPQ'	350	260
>VHL-L89H-w WLNFDGEPQ	182	>VHL-L89H-n WHNFDGEPQ'	942	760
>VHL-L89H-w RSPRVVLPVW	147	>VHL-L89H-n RSPRVVLPVW	2569	2422
>VHL-L89H-w RSPRVVLPVW	301	>VHL-L89H-n RSPRVVLPVW	7334	7033
>VHL-L89H-w RSPRVVLPVW	4	>VHL-L89H-n RSPRVVLPVW	647	643
>VHL-L89H-w RSPRVVLPVW	493	>VHL-L89H-n RSPRVVLPVW	7681	7188
>VHL-L89H-w RSPRVVLPVW	345	>VHL-L89H-n RSPRVVLPVW	34018	33673
>VHL-L89H-w VWLNFDGE	227	>VHL-L89H-n VWHNFDGE	624	397
>VHL-L89H-w VWLNFDGEP	304	>VHL-L89H-n VWHNFDGEF	738	434
>VHL-L89H-w LPVWLNFDG	285	>VHL-L89H-n LPVWLNFDG	195	90
>VHL-L89H-w LPVWLNFDG	538	>VHL-L89H-n LPVWLNFDG	432	106
>VHL-L89H-w LPVWLNFD	106	>VHL-L89H-n LPVWLNFD	187	81
>VHL-L89H-w LPVWLNFDG	251	>VHL-L89H-n LPVWLNFDG	354	103

>VHL-L89H-w LPVWLNFDG	345	>VHL-L89H-n LPVWHNFDG	431	86
>VHL-L89H-w VLPVWLNF	235	>VHL-L89H-n VLPVWHNF	118	117
>VHL-L89H-w VLPVWLNF	454	>VHL-L89H-n VLPVWHNF	282	172
>VHL-L89H-w VVLPVWLNF	443	>VHL-L89H-n VVLPVWHNF	1026	583
>VHL-L89H-w VVLPVWLNF	261	>VHL-L89H-n VVLPVWHNF	106	155
>VHL-L89H-w VVLPVWLNF	42	>VHL-L89H-n VVLPVWHNF	18	24
>VHL-L89H-w VVLPVWLNF	449	>VHL-L89H-n VVLPVWHNF	284	165
>VHL-L89H-w VVLPVWLNF	190	>VHL-L89H-n VVLPVWHNF	101	89
>VHL-L89H-w VVLPVWLNF	70	>VHL-L89H-n VVLPVWHNF	198	128
>VHL-L89H-w VVLPVWLNF	461	>VHL-L89H-n VVLPVWHNF	704	243
>VHL-L89H-w VVLPVWLNF	20	>VHL-L89H-n VVLPVWHNF	32	12
>VHL-L89H-w VVLPVWLNF	399	>VHL-L89H-n VVLPVWHNF	447	48
>VHL-L89H-w RVVLPVWL	415	>VHL-L89H-n RVVLPVWH	22206	21791
>VHL-L89H-w RVVLPVWLN	582	>VHL-L89H-n RVVLPVWHN	408	174
>VHL-L89H-w RVVLPVWLN	182	>VHL-L89H-n RVVLPVWHN	45	137
>VHL-L89H-w RVVLPVWLN	1032	>VHL-L89H-n RVVLPVWHN	180	852
>VHL-L89H-w RVVLPVWL	351	>VHL-L89H-n RVVLPVWH	8390	8039
>VHL-L89H-w RVVLPVWLN	202	>VHL-L89H-n RVVLPVWHN	263	61
>VHL-L89H-w RVVLPVWLN	355	>VHL-L89H-n RVVLPVWHN	401	46
>VHL-L89H-w RVVLPVWL	89	>VHL-L89H-n RVVLPVWH	4947	4858
>VHL-L89H-w RVVLPVWLN	9	>VHL-L89H-n RVVLPVWHN	11	2
>VHL-L89H-w RVVLPVWLN	56	>VHL-L89H-n RVVLPVWHN	48	8
>VHL-L89H-w RVVLPVWLN	230	>VHL-L89H-n RVVLPVWHN	1841	1611
>VHL-L89H-w RVVLPVWLN	320	>VHL-L89H-n RVVLPVWHN	1325	1005
>VHL-L89H-w PRVVPVWLI	364	>VHL-L89H-n PRVVPVWH	503	139
>VHL-L89H-w PRVVPVWL	89	>VHL-L89H-n PRVVPVWH	4328	4239
>VHL-L89H-w PRVVPVWLI	385	>VHL-L89H-n PRVVPVWH	693	308
>VHL-L89H-w SPRVLPVWI	61	>VHL-L89H-n SPRVLPVWI	4516	4455
>VHL-L89P-w LNFDGEPQ\`	165	>VHL-L89P-n PNFDGEPQ\`	6974	6809
>VHL-L89P-w LNFDGEPQ\`	111	>VHL-L89P-n PNFDGEPQ\`	1099	988
>VHL-L89P-w WLNFDGEPQ	50	>VHL-L89P-n WPNFDGEPQ	1862	1812
>VHL-L89P-w WLNFDGEPQ	54	>VHL-L89P-n WPNFDGEPQ	4246	4192
>VHL-L89P-w WLNFDGEPQ	52	>VHL-L89P-n WPNFDGEPQ	591	539
>VHL-L89P-w WLNFDGEPQ	102	>VHL-L89P-n WPNFDGEPQ	749	647
>VHL-L89P-w WLNFDGEPQ	11997	>VHL-L89P-n WPNFDGEPQ	170	11827
>VHL-L89P-w WLNFDGEPQ	90	>VHL-L89P-n WPNFDGEPQ	8	82
>VHL-L89P-w WLNFDGEPQ	24218	>VHL-L89P-n WPNFDGEPQ	120	24098
>VHL-L89P-w WLNFDGEPQ	182	>VHL-L89P-n WPNFDGEPQ	2587	2405
>VHL-L89P-w RSPRVLPVV	147	>VHL-L89P-n RSPRVLPVV	4552	4405
>VHL-L89P-w RSPRVLPVV	301	>VHL-L89P-n RSPRVLPVV	20258	19957
>VHL-L89P-w RSPRVLPVV	4	>VHL-L89P-n RSPRVLPVV	825	821
>VHL-L89P-w RSPRVLPVV	493	>VHL-L89P-n RSPRVLPVV	16701	16208
>VHL-L89P-w RSPRVLPVV	345	>VHL-L89P-n RSPRVLPVV	24327	23982

>VHL-L89P-w VWLNFDGE	227	>VHL-L89P-r VWPNFDFGE	743	516
>VHL-L89P-w VWLNFDGEP	304	>VHL-L89P-r VWPNFDFGEP	866	562
>VHL-L89P-w LPVWLNFDG	285	>VHL-L89P-r LPVWPNFDG	686	401
>VHL-L89P-w LPVWLNFD	106	>VHL-L89P-r LPVWPNFD	113	7
>VHL-L89P-w LPVWLNFDG	251	>VHL-L89P-r LPVWPNFDG	171	80
>VHL-L89P-w LPVWLNFDG	345	>VHL-L89P-r LPVWPNFDG	255	90
>VHL-L89P-w VLPVWLNf	235	>VHL-L89P-r VLPVWPNF	213	22
>VHL-L89P-w VLPVWLNf	454	>VHL-L89P-r VLPVWPNF	420	34
>VHL-L89P-w VVLPVWLNf	443	>VHL-L89P-r VVLPVWPNF	349	94
>VHL-L89P-w VVLPVWLNf	261	>VHL-L89P-r VVLPVWPNF	86	175
>VHL-L89P-w VVLPVWLNf	42	>VHL-L89P-r VVLPVWPNF	46	4
>VHL-L89P-w VVLPVWLNf	449	>VHL-L89P-r VVLPVWPNF	589	140
>VHL-L89P-w VVLPVWLNf	190	>VHL-L89P-r VVLPVWPNF	342	152
>VHL-L89P-w VVLPVWLNf	70	>VHL-L89P-r VVLPVWPNF	432	362
>VHL-L89P-w VVLPVWLNf	461	>VHL-L89P-r VVLPVWPNF	452	9
>VHL-L89P-w VVLPVWLNf	20	>VHL-L89P-r VVLPVWPNF	28	8
>VHL-L89P-w VVLPVWLNf	399	>VHL-L89P-r VVLPVWPNF	503	104
>VHL-L89P-w RVVLPVWL	415	>VHL-L89P-r RVVLPVWP	15357	14942
>VHL-L89P-w RVVLPVWLN	182	>VHL-L89P-r RVVLPVWPN	48	134
>VHL-L89P-w RVVLPVWLN	1032	>VHL-L89P-r RVVLPVWPN	425	607
>VHL-L89P-w RVVLPVWL	351	>VHL-L89P-r RVVLPVWP	12189	11838
>VHL-L89P-w RVVLPVWLN	202	>VHL-L89P-r RVVLPVWPN	321	119
>VHL-L89P-w RVVLPVWLN	355	>VHL-L89P-r RVVLPVWPN	264	91
>VHL-L89P-w RVVLPVWL	89	>VHL-L89P-r RVVLPVWP	17793	17704
>VHL-L89P-w RVVLPVWLN	9	>VHL-L89P-r RVVLPVWPN	9	0
>VHL-L89P-w RVVLPVWLN	56	>VHL-L89P-r RVVLPVWPN	106	50
>VHL-L89P-w RVVLPVWLN	230	>VHL-L89P-r RVVLPVWPN	590	360
>VHL-L89P-w RVVLPVWLN	320	>VHL-L89P-r RVVLPVWPN	1307	987
>VHL-L89P-w PRVVLVWLI	364	>VHL-L89P-r PRVVLVWPI	426	62
>VHL-L89P-w PRVVLVWL	89	>VHL-L89P-r PRVVLVWP	16594	16505
>VHL-L89P-w PRVVLVWLI	385	>VHL-L89P-r PRVVLVWPI	588	203
>VHL-L89P-w SPRVLPVWI	61	>VHL-L89P-r SPRVLPVWI	6319	6258
>VHL-L89P-w LNFDGEPQP\	648	>VHL-L89P-r RNFDGEPQP'	158	490
>VHL-L89P-w LNFDGEPQP\	165	>VHL-L89P-r RNFDGEPQP'	158	7
>VHL-L89P-w LNFDGEPQP\	111	>VHL-L89P-r RNFDGEPQP'	61	50
>VHL-L89P-w LNFDGEPQP\	1965	>VHL-L89P-r RNFDGEPQP'	219	1746
>VHL-L89P-w WLNFDGEPQ	50	>VHL-L89P-r WRNFDGEPQ	1984	1934
>VHL-L89P-w WLNFDGEPQ	54	>VHL-L89P-r WRNFDGEPQ	4949	4895
>VHL-L89P-w WLNFDGEPQ	52	>VHL-L89P-r WRNFDGEPQ	1969	1917
>VHL-L89P-w WLNFDGEPQ	102	>VHL-L89P-r WRNFDGEPQ	54	48
>VHL-L89P-w WLNFDGEPQ	90	>VHL-L89P-r WRNFDGEPQ	1272	1182
>VHL-L89P-w WLNFDGEPQ	182	>VHL-L89P-r WRNFDGEPQ	1378	1196
>VHL-L89P-w RSPRVLPVW	12886	>VHL-L89P-r RSPRVLPVW	35	12851

>VHL-L89R- $\nu$ RSPRVVLPVV	147	>VHL-L89R- $\eta$ RSPRVVLPVV	3681	3534
>VHL-L89R- $\nu$ RSPRVVLPVV	301	>VHL-L89R- $\eta$ RSPRVVLPVV	15571	15270
>VHL-L89R- $\nu$ RSPRVVLPVV	4	>VHL-L89R- $\eta$ RSPRVVLPVV	1220	1216
>VHL-L89R- $\nu$ RSPRVVLPVV	493	>VHL-L89R- $\eta$ RSPRVVLPVV	6099	5606
>VHL-L89R- $\nu$ RSPRVVLPVV	30204	>VHL-L89R- $\eta$ RSPRVVLPVV	178	30026
>VHL-L89R- $\nu$ RSPRVVLPVV	345	>VHL-L89R- $\eta$ RSPRVVLPVV	35095	34750
>VHL-L89R- $\nu$ VWLNFDGE	227	>VHL-L89R- $\eta$ VWRNFDGE	606	379
>VHL-L89R- $\nu$ VWLNFDGEP	304	>VHL-L89R- $\eta$ VWRNFDGEP	720	416
>VHL-L89R- $\nu$ LPVWLNFDG	285	>VHL-L89R- $\eta$ LPVWRNFDG	1361	1076
>VHL-L89R- $\nu$ LPVWLNFD	106	>VHL-L89R- $\eta$ LPVWRNFD	192	86
>VHL-L89R- $\nu$ LPVWLNFDG	251	>VHL-L89R- $\eta$ LPVWRNFDG	455	204
>VHL-L89R- $\nu$ LPVWLNFDG	345	>VHL-L89R- $\eta$ LPVWRNFDG	516	171
>VHL-L89R- $\nu$ VLPVWLNF	235	>VHL-L89R- $\eta$ VLPVWRNF	773	538
>VHL-L89R- $\nu$ VLPVWLNF	454	>VHL-L89R- $\eta$ VLPVWRNF	1527	1073
>VHL-L89R- $\nu$ VVLPVWLNF	443	>VHL-L89R- $\eta$ VVLPVWRNF	897	454
>VHL-L89R- $\nu$ VVLPVWLNF	261	>VHL-L89R- $\eta$ VVLPVWRNF	1480	1219
>VHL-L89R- $\nu$ VVLPVWLNF	42	>VHL-L89R- $\eta$ VVLPVWRNF	179	137
>VHL-L89R- $\nu$ VVLPVWLNF	449	>VHL-L89R- $\eta$ VVLPVWRNF	1354	905
>VHL-L89R- $\nu$ VVLPVWLNF	190	>VHL-L89R- $\eta$ VVLPVWRNF	848	658
>VHL-L89R- $\nu$ VVLPVWLNF	70	>VHL-L89R- $\eta$ VVLPVWRNF	2167	2097
>VHL-L89R- $\nu$ VVLPVWLNF	461	>VHL-L89R- $\eta$ VVLPVWRNF	704	243
>VHL-L89R- $\nu$ VVLPVWLNF	20	>VHL-L89R- $\eta$ VVLPVWRNF	59	39
>VHL-L89R- $\nu$ VVLPVWLNF	399	>VHL-L89R- $\eta$ VVLPVWRNF	524	125
>VHL-L89R- $\nu$ RVVLPVWL	415	>VHL-L89R- $\eta$ RVVLPVWR	21477	21062
>VHL-L89R- $\nu$ RVVLPVWL	20569	>VHL-L89R- $\eta$ RVVLPVWR	453	20116
>VHL-L89R- $\nu$ RVVLPVWLN	182	>VHL-L89R- $\eta$ RVVLPVWRN	110	72
>VHL-L89R- $\nu$ RVVLPVWL	7940	>VHL-L89R- $\eta$ RVVLPVWR	18	7922
>VHL-L89R- $\nu$ RVVLPVWL	351	>VHL-L89R- $\eta$ RVVLPVWR	11406	11055
>VHL-L89R- $\nu$ RVVLPVWLN	202	>VHL-L89R- $\eta$ RVVLPVWRN	319	117
>VHL-L89R- $\nu$ RVVLPVWL	29730	>VHL-L89R- $\eta$ RVVLPVWR	165	29565
>VHL-L89R- $\nu$ RVVLPVWLN	355	>VHL-L89R- $\eta$ RVVLPVWRN	502	147
>VHL-L89R- $\nu$ RVVLPVWL	89	>VHL-L89R- $\eta$ RVVLPVWR	13887	13798
>VHL-L89R- $\nu$ RVVLPVWLN	9	>VHL-L89R- $\eta$ RVVLPVWRN	13	4
>VHL-L89R- $\nu$ RVVLPVWLN	56	>VHL-L89R- $\eta$ RVVLPVWRN	668	612
>VHL-L89R- $\nu$ RVVLPVWLN	230	>VHL-L89R- $\eta$ RVVLPVWRN	673	443
>VHL-L89R- $\nu$ RVVLPVWL	20681	>VHL-L89R- $\eta$ RVVLPVWR	63	20618
>VHL-L89R- $\nu$ RVVLPVWLN	320	>VHL-L89R- $\eta$ RVVLPVWRN	2902	2582
>VHL-L89R- $\nu$ PRVVLPVWLI	364	>VHL-L89R- $\eta$ PRVVLPVWR	493	129
>VHL-L89R- $\nu$ PRVVLPVWL	89	>VHL-L89R- $\eta$ PRVVLPVWR	3203	3114
>VHL-L89R- $\nu$ PRVVLPVWLI	385	>VHL-L89R- $\eta$ PRVVLPVWR	586	201
>VHL-L89R- $\nu$ SPRVVLPVWI	16337	>VHL-L89R- $\eta$ SPRVVLPVWI	227	16110
>VHL-L89R- $\nu$ SPRVVLPVWI	61	>VHL-L89R- $\eta$ SPRVVLPVWI	3658	3597
>VHL-M1I-wi MPRRAENW	110	>VHL-M1I-mi MPRRAENW	217	107

>VHL-M1I-wi MPRRAENWI	37	>VHL-M1I-mi IPRRAENWDI	63	26
>VHL-M1I-wi MPRRAENWI	280	>VHL-M1I-mi IPRRAENWDI	3235	2955
>VHL-M1I-wi MPRRAENW	25	>VHL-M1I-mi IPRRAENW	78	53
>VHL-M1I-wi MPRRAENWI	309	>VHL-M1I-mi IPRRAENWD	2547	2238
>VHL-M1I-wi MPRRAENWI	9	>VHL-M1I-mi IPRRAENWDI	34	25
>VHL-M1I-wi MPRRAENW	21	>VHL-M1I-mi IPRRAENW	23	2
>VHL-M1I-wi MPRRAENW	64	>VHL-M1I-mi IPRRAENW	1100	1036
>VHL-M211I-LTQERIAHQR	9	>VHL-M211I-LTQERIAHQR	37	28
>VHL-M211I-LTQERIAHQR	109	>VHL-M211I-LTQERIAHQR	1582	1473
>VHL-M211I-LTQERIAHQR	931	>VHL-M211I-LTQERIAHQR	35	896
>VHL-M211I-ERIAHQRM	303	>VHL-M211I-ERIAHQRI	8674	8371
>VHL-M211I-QERIAHQRM	7565	>VHL-M211I-QERIAHQRI	286	7279
>VHL-M211I-QERIAHQRM	464	>VHL-M211I-QERIAHQRI	441	23
>VHL-M211I-QERIAHQRM	1263	>VHL-M211I-QERIAHQRI	404	859
>VHL-M211I-QERIAHQRM	643	>VHL-M211I-QERIAHQRI	64	579
>VHL-N131K-NQTELFVPSL	527	>VHL-N131K-KQTELFVPSL	239	288
>VHL-N131K-NQTELFVP	2129	>VHL-N131K-KQTELFVP	476	1653
>VHL-N131K-NQTELVPS	68	>VHL-N131K-KQTELVPS	21	47
>VHL-N131K-NQTELFVPSL	231	>VHL-N131K-KQTELFVPSL	104	127
>VHL-N131K-NQTELFVPSL	2606	>VHL-N131K-KQTELFVPSL	369	2237
>VHL-N131K-NQTELFVPSL	2294	>VHL-N131K-KQTELFVPSL	488	1806
>VHL-N131K-NQTELFVPSL	3390	>VHL-N131K-KQTELFVPSL	270	3120
>VHL-N131K-NQTELFVPSL	10560	>VHL-N131K-KQTELFVPSL	148	10412
>VHL-N131K-NQTELFVPSL	316	>VHL-N131K-KQTELFVPSL	36	280
>VHL-N131K-NQTELFVPSL	42	>VHL-N131K-KQTELFVPSL	418	376
>VHL-N131K-NQTELFVPSL	513	>VHL-N131K-KQTELFVPSL	147	366
>VHL-N131K-VNQTELVPS	4568	>VHL-N131K-VKQTELVPS	114	4454
>VHL-N131K-LVNQTELV	493	>VHL-N131K-LVKQTELV	3034	2541
>VHL-N131K-LVNQTELV	423	>VHL-N131K-LVKQTELV	868	445
>VHL-N131K-LVNQTELV	137	>VHL-N131K-LVKQTELV	765	628
>VHL-N131K-LVNQTELV	66	>VHL-N131K-LVKQTELV	1683	1617
>VHL-N131K-LVNQTELV	56	>VHL-N131K-LVKQTELV	1941	1885
>VHL-N131K-LVNQTELV	17	>VHL-N131K-LVKQTELV	55	38
>VHL-N131K-LVNQTELV	2260	>VHL-N131K-LVKQTELV	88	2172
>VHL-N131K-LVNQTELF	220	>VHL-N131K-LVKQTELF	133	87
>VHL-N131K-LVNQTELF	74	>VHL-N131K-LVKQTELF	2719	2645
>VHL-N131K-LLVNQTEL	146	>VHL-N131K-LLVKQTEL	266	120
>VHL-N131K-LLVNQTELV	17	>VHL-N131K-LLVKQTELV	55	38
>VHL-N131K-LLVNQTEL	11	>VHL-N131K-LLVKQTEL	13	2
>VHL-N131K-LLVNQTELF	408	>VHL-N131K-LLVKQTELF	580	172
>VHL-N131K-LLVNQTELV	15	>VHL-N131K-LLVKQTELV	44	29
>VHL-N131K-LLVNQTEL	32	>VHL-N131K-LLVKQTEL	54	22
>VHL-N131K-LLVNQTELV	28	>VHL-N131K-LLVKQTELV	48	20

>VHL-N131K·LLVNQTEL	155	>VHL-N131K·LLVKQTEL	341	186
>VHL-N131K·LLVNQTELFV	61	>VHL-N131K·LLVKQTELFV	156	95
>VHL-N131K·LLVNQTEL	20	>VHL-N131K·LLVKQTEL	65	45
>VHL-N131K·LLVNQTELFV	3	>VHL-N131K·LLVKQTELFV	6	3
>VHL-N131K·LLVNQTEL	29	>VHL-N131K·LLVKQTEL	142	113
>VHL-N131K·LLVNQTELFV	6	>VHL-N131K·LLVKQTELFV	11	5
>VHL-N131K·LLVNQTEL	65	>VHL-N131K·LLVKQTEL	125	60
>VHL-N131K·LLVNQTELFV	7	>VHL-N131K·LLVKQTELFV	8	1
>VHL-N131K·LLVNQTEL	279	>VHL-N131K·LLVKQTEL	1145	866
>VHL-N131K·LLVNQTELFV	9	>VHL-N131K·LLVKQTELFV	29	20
>VHL-N131K·LLVNQTEL	3	>VHL-N131K·LLVKQTEL	6	3
>VHL-N131K·LLVNQTELFV	2	>VHL-N131K·LLVKQTELFV	3	1
>VHL-N131K·LLVNQTELF	85	>VHL-N131K·LLVKQTELF	110	25
>VHL-N131K·LLVNQTELF	77	>VHL-N131K·LLVKQTELF	109	32
>VHL-N131K·GLLVNQTEL	76	>VHL-N131K·GLLVKQTEL	13555	13479
>VHL-N131K·GLLVNQTEL	171	>VHL-N131K·GLLVKQTEL	191	20
>VHL-N131K·GLLVNQTELF	31	>VHL-N131K·GLLVKQTELF	31	0
>VHL-N131K·GLLVNQTEL	66	>VHL-N131K·GLLVKQTEL	56	10
>VHL-N131K·GLLVNQTELF	83	>VHL-N131K·GLLVKQTELF	76	7
>VHL-N131K·GLLVNQTELF	237	>VHL-N131K·GLLVKQTELF	195	42
>VHL-N131K·GLLVNQTELF	81	>VHL-N131K·GLLVKQTELF	107	26
>VHL-N131K·GLLVNQTEL	27	>VHL-N131K·GLLVKQTEL	73	46
>VHL-N131K·GLLVNQTELF	3	>VHL-N131K·GLLVKQTELF	5	2
>VHL-N131K·GLLVNQTEL	17	>VHL-N131K·GLLVKQTEL	54	37
>VHL-N131K·GLLVNQTELF	4	>VHL-N131K·GLLVKQTELF	6	2
>VHL-N131K·GLLVNQTEL	17	>VHL-N131K·GLLVKQTEL	21	4
>VHL-N131K·GLLVNQTELF	4	>VHL-N131K·GLLVKQTELF	5	1
>VHL-N131K·GLLVNQTEL	74	>VHL-N131K·GLLVKQTEL	333	259
>VHL-N131K·GLLVNQTELF	5	>VHL-N131K·GLLVKQTELF	8	3
>VHL-N131K·GLLVNQTEL	8	>VHL-N131K·GLLVKQTEL	14	6
>VHL-N131K·GLLVNQTELF	4	>VHL-N131K·GLLVKQTELF	6	2
>VHL-N131K·GLLVNQTELF	484	>VHL-N131K·GLLVKQTELF	1309	825
>VHL-N131K·HDGLLVNQTI	237	>VHL-N131K·HDGLLVKQTE	345	108
>VHL-N131K·GTHDGLLVN	21170	>VHL-N131K·GTHDGLLVK	292	20878
>VHL-N131K·GTHDGLLVN	18273	>VHL-N131K·GTHDGLLVK	20	18253
>VHL-N131K·GTHDGLLVN	7313	>VHL-N131K·GTHDGLLVK	15	7298
>VHL-N131Y·NQTELFVPSL	2209	>VHL-N131Y·YQTELFVPSL	146	2063
>VHL-N131Y·NQTELFVPSL	527	>VHL-N131Y·YQTELFVPSL	64	463
>VHL-N131Y·NQTELFVPSL	1326	>VHL-N131Y·YQTELFVPSL	181	1145
>VHL-N131Y·NQTELFVP	2129	>VHL-N131Y·YQTELFVP	114	2015
>VHL-N131Y·NQTELFVPS	68	>VHL-N131Y·YQTELFVPS	9	59
>VHL-N131Y·NQTELFVPSL	231	>VHL-N131Y·YQTELFVPSL	40	191
>VHL-N131Y·NQTELFVPSL	2606	>VHL-N131Y·YQTELFVPSL	42	2564

>VHL-N131Y-NQTELVPSL	2294	>VHL-N131Y-YQTELVPSL	59	2235
>VHL-N131Y-NQTELVPSL	3390	>VHL-N131Y-YQTELVPSL	49	3341
>VHL-N131Y-NQTELVPSL	11676	>VHL-N131Y-YQTELVPSL	118	11558
>VHL-N131Y-NQTELVPSL	3014	>VHL-N131Y-YQTELVPSL	302	2712
>VHL-N131Y-NQTELVPS	6002	>VHL-N131Y-YQTELVPS	474	5528
>VHL-N131Y-NQTELVPSL	316	>VHL-N131Y-YQTELVPSL	21	295
>VHL-N131Y-NQTELVPSL	42	>VHL-N131Y-YQTELVPSL	20	22
>VHL-N131Y-NQTELVPSL	513	>VHL-N131Y-YQTELVPSL	163	350
>VHL-N131Y-VNQTFLVPS	17433	>VHL-N131Y-VYQTFLVPS	288	17145
>VHL-N131Y-VNQTFLVPS	17037	>VHL-N131Y-VYQTFLVPS	184	16853
>VHL-N131Y-VNQTFLV	25146	>VHL-N131Y-VYQTFLV	136	25010
>VHL-N131Y-VNQTFLVPS	20568	>VHL-N131Y-VYQTFLVPS	9	20559
>VHL-N131Y-VNQTFLV	13864	>VHL-N131Y-VYQTFLV	312	13552
>VHL-N131Y-VNQTFLVPS	9278	>VHL-N131Y-VYQTFLVPS	242	9036
>VHL-N131Y-DAGTHDGLL	32024	>VHL-N131Y-DAGTHDGLL	419	31605
>VHL-N131Y-DAGTHDGLL	18009	>VHL-N131Y-DAGTHDGLL	252	17757
>VHL-N131Y-LVNQTFLV	1621	>VHL-N131Y-LVYQTFLV	139	1482
>VHL-N131Y-LVNQTFLV	493	>VHL-N131Y-LVYQTFLV	343	150
>VHL-N131Y-LVNQTFLV	423	>VHL-N131Y-LVYQTFLV	136	287
>VHL-N131Y-LVNQTFLV	137	>VHL-N131Y-LVYQTFLV	26	111
>VHL-N131Y-LVNQTFLV	66	>VHL-N131Y-LVYQTFLV	9	57
>VHL-N131Y-LVNQTFLV	1677	>VHL-N131Y-LVYQTFLV	389	1288
>VHL-N131Y-LVNQTFLV	56	>VHL-N131Y-LVYQTFLV	11	45
>VHL-N131Y-LVNQTFLV	529	>VHL-N131Y-LVYQTFLV	473	56
>VHL-N131Y-LVNQTFLV	17	>VHL-N131Y-LVYQTFLV	7	10
>VHL-N131Y-LVNQTFL	1892	>VHL-N131Y-LVYQTFL	340	1552
>VHL-N131Y-LVNQTFLV	1642	>VHL-N131Y-LVYQTFLV	240	1402
>VHL-N131Y-LVNQTFL	220	>VHL-N131Y-LVYQTFL	108	112
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>VHL-N131Y-LVNQTFL	870	>VHL-N131Y-LVYQTFL	31	839
>VHL-N131Y-LVNQTFL	733	>VHL-N131Y-LVYQTFL	251	482
>VHL-N131Y-LVNQTFL	74	>VHL-N131Y-LVYQTFL	56	18
>VHL-N131Y-LLVNQTEL	146	>VHL-N131Y-LLVYQTEL	111	35
>VHL-N131Y-LLVNQTELV	17	>VHL-N131Y-LLVYQTELV	23	6
>VHL-N131Y-LLVNQTEL	11	>VHL-N131Y-LLVYQTEL	9	2
>VHL-N131Y-LLVNQTELV	408	>VHL-N131Y-LLVYQTELV	503	95
>VHL-N131Y-LLVNQTELV	15	>VHL-N131Y-LLVYQTELV	28	13
>VHL-N131Y-LLVNQTEL	32	>VHL-N131Y-LLVYQTEL	47	15
>VHL-N131Y-LLVNQTELV	28	>VHL-N131Y-LLVYQTELV	46	18
>VHL-N131Y-LLVNQTEL	155	>VHL-N131Y-LLVYQTEL	231	76
>VHL-N131Y-LLVNQTELV	61	>VHL-N131Y-LLVYQTELV	76	15
>VHL-N131Y-LLVNQTEL	20	>VHL-N131Y-LLVYQTEL	94	74
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>VHL-N131Y-LLVNQTEL	29	>VHL-N131Y-LLVYQTEL	118	89
>VHL-N131Y-LLVNQTELFV	6	>VHL-N131Y-LLVYQTELFV	12	6
>VHL-N131Y-LLVNQTEL	65	>VHL-N131Y-LLVYQTEL	299	234
>VHL-N131Y-LLVNQTELFV	7	>VHL-N131Y-LLVYQTELFV	13	6
>VHL-N131Y-LLVNQTEL	279	>VHL-N131Y-LLVYQTEL	1239	960
>VHL-N131Y-LLVNQTELFV	9	>VHL-N131Y-LLVYQTELFV	33	24
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>VHL-N131Y-LLVNQTELFV	2	>VHL-N131Y-LLVYQTELFV	5	3
>VHL-N131Y-LLVNQTELF	784	>VHL-N131Y-LLVYQTELF	277	507
>VHL-N131Y-LLVNQTELF	645	>VHL-N131Y-LLVYQTELF	410	235
>VHL-N131Y-LLVNQTELF	85	>VHL-N131Y-LLVYQTELF	86	1
>VHL-N131Y-LLVNQTELF	77	>VHL-N131Y-LLVYQTELF	79	2
>VHL-N131Y-GLLVNQTEL	76	>VHL-N131Y-GLLVYQTEL	12848	12772
>VHL-N131Y-GLLVNQTEL	171	>VHL-N131Y-GLLVYQTEL	22	149
>VHL-N131Y-GLLVNQTELF	31	>VHL-N131Y-GLLVYQTELF	14	17
>VHL-N131Y-GLLVNQTEL	66	>VHL-N131Y-GLLVYQTEL	13	53
>VHL-N131Y-GLLVNQTELF	83	>VHL-N131Y-GLLVYQTELF	34	49
>VHL-N131Y-GLLVNQTEL	695	>VHL-N131Y-GLLVYQTEL	312	383
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>VHL-N131Y-GLLVNQTEL	1444	>VHL-N131Y-GLLVYQTEL	356	1088
>VHL-N131Y-GLLVNQTELF	81	>VHL-N131Y-GLLVYQTELF	40	41
>VHL-N131Y-GLLVNQTEL	27	>VHL-N131Y-GLLVYQTEL	15	12
>VHL-N131Y-GLLVNQTELF	3	>VHL-N131Y-GLLVYQTELF	3	0
>VHL-N131Y-GLLVNQTEL	17	>VHL-N131Y-GLLVYQTEL	30	13
>VHL-N131Y-GLLVNQTELF	4	>VHL-N131Y-GLLVYQTELF	5	1
>VHL-N131Y-GLLVNQTEL	17	>VHL-N131Y-GLLVYQTEL	15	2
>VHL-N131Y-GLLVNQTELF	4	>VHL-N131Y-GLLVYQTELF	4	0
>VHL-N131Y-GLLVNQTEL	74	>VHL-N131Y-GLLVYQTEL	117	43
>VHL-N131Y-GLLVNQTELF	5	>VHL-N131Y-GLLVYQTELF	6	1
>VHL-N131Y-GLLVNQTEL	8	>VHL-N131Y-GLLVYQTEL	6	2
>VHL-N131Y-GLLVNQTELF	4	>VHL-N131Y-GLLVYQTELF	4	0
>VHL-N131Y-GLLVNQTELF	484	>VHL-N131Y-GLLVYQTELF	326	158
>VHL-N131Y-HDGLLVNQTI	237	>VHL-N131Y-HDGLLVYQTE	142	95
>VHL-N131Y-GTHDGLLVN	23116	>VHL-N131Y-GTHDGLLVY	493	22623
>VHL-N131Y-GTHDGLLVN	18273	>VHL-N131Y-GTHDGLLVY	393	17880
>VHL-N131Y-GTHDGLLVN	19119	>VHL-N131Y-GTHDGLLVY	86	19033
>VHL-N131Y-GTHDGLLVN	27156	>VHL-N131Y-GTHDGLLVY	72	27084
>VHL-N131Y-GTHDGLLVN	12153	>VHL-N131Y-GTHDGLLVY	12	12141
>VHL-N131Y-GTHDGLLVN	23626	>VHL-N131Y-GTHDGLLVY	74	23552
>VHL-N131Y-GTHDGLLVN	22024	>VHL-N131Y-GTHDGLLVY	231	21793
>VHL-N131Y-GTHDGLLVN	17063	>VHL-N131Y-GTHDGLLVY	85	16978
>VHL-N131Y-GTHDGLLVN	9155	>VHL-N131Y-GTHDGLLVY	4	9151
>VHL-N131Y-GTHDGLLVN	2415	>VHL-N131Y-GTHDGLLVY	10	2405



>VHL-N174D NYRRLDIVRSI	129	>VHL-N174D DYRRLDIVRSI	2236	2107
>VHL-N174D NYRRLDIVR	256	>VHL-N174D DYRRLDIVR	1238	982
>VHL-N174D NYRRLDIVR	30	>VHL-N174D DYRRLDIVR	11	19
>VHL-N174D ENYRRLDIV	680	>VHL-N174D EDYRRLDIV	159	521
>VHL-N174D ENYRRLDI	12009	>VHL-N174D EDYRRLDI	343	11666
>VHL-N174D ENYRRLDIV	9447	>VHL-N174D EDYRRLDIV	218	9229
>VHL-N174D PENYRRLDI	86	>VHL-N174D PEDYRRLDI	311	225
>VHL-N174D KPENYRRL	39	>VHL-N174D KPEDYRRL	45	6
>VHL-N174D KPENYRRLDI	104	>VHL-N174D KPEDYRRLDI	148	44
>VHL-N174D KPENYRRLDI	139	>VHL-N174D KPEDYRRLDI	134	5
>VHL-N174D LVKPENYR	23	>VHL-N174D LVKPEDYR	44	21
>VHL-N174D LVKPENYRR	35	>VHL-N174D LVKPEDYRR	50	15
>VHL-N174D LVKPENYR	159	>VHL-N174D LVKPEDYR	337	178
>VHL-N174D LVKPENYRR	302	>VHL-N174D LVKPEDYRR	535	233
>VHL-N174D LVKPENYR	60	>VHL-N174D LVKPEDYR	72	12
>VHL-N174D LVKPENYRR	122	>VHL-N174D LVKPEDYRR	172	50
>VHL-N174D LVKPENYR	287	>VHL-N174D LVKPEDYR	391	104
>VHL-N174D SLVKPENYRR	409	>VHL-N174D SLVKPEDYRR	397	12
>VHL-N174D SLVKPENYRR	44	>VHL-N174D SLVKPEDYRR	50	6
>VHL-N174D SLVKPENYRR	394	>VHL-N174D SLVKPEDYRR	315	79
>VHL-N174D SLVKPENYRR	26	>VHL-N174D SLVKPEDYRR	34	8
>VHL-N174D SLVKPENY	281	>VHL-N174D SLVKPEDY	682	401
>VHL-N174D SLVKPENY	434	>VHL-N174D SLVKPEDY	384	50
>VHL-N174D SLVKPENYR	177	>VHL-N174D SLVKPEDYR	814	637
>VHL-N174D SLVKPENYRR	103	>VHL-N174D SLVKPEDYRR	230	127
>VHL-N174D SLVKPENYR	133	>VHL-N174D SLVKPEDYR	161	28
>VHL-N174D SLVKPENYRR	142	>VHL-N174D SLVKPEDYRR	154	12
>VHL-N174D SLVKPENY	96	>VHL-N174D SLVKPEDY	165	69
>VHL-N174D SLVKPENY	218	>VHL-N174D SLVKPEDY	239	21
>VHL-N174D SLVKPENYRR	85	>VHL-N174D SLVKPEDYRR	110	25
>VHL-N174D RSLVKPENYR	40	>VHL-N174D RSLVKPEDYR	160	120
>VHL-N174D RSLVKPENYR	12	>VHL-N174D RSLVKPEDYR	18	6
>VHL-N174D RSLVKPENY	242	>VHL-N174D RSLVKPEDY	403	161
>VHL-N174D RSLVKPENY	185	>VHL-N174D RSLVKPEDY	333	148
>VHL-N174D RSLVKPENY	3	>VHL-N174D RSLVKPEDY	6	3
>VHL-N174D RSLVKPENY	56	>VHL-N174D RSLVKPEDY	289	233
>VHL-N174D RSLVKPENYR	355	>VHL-N174D RSLVKPEDYR	387	32
>VHL-N174D RSLVKPENYR	124	>VHL-N174D RSLVKPEDYR	226	102
>VHL-N174D RSLVKPENYR	148	>VHL-N174D RSLVKPEDYR	204	56
>VHL-N174D VRSLVKPENY	310	>VHL-N174D VRSLVKPEDY	541	231
>VHL-N174D VVRSLVKPEN	228	>VHL-N174D VVRSLVKPED	536	308
>VHL-N174D VVRSLVKPEN	427	>VHL-N174D VVRSLVKPED	329	98
>VHL-N174D VVRSLVKPEN	141	>VHL-N174D VVRSLVKPED	220	79

>VHL-N174D VVRSLVKPEN	83	>VHL-N174D VVRSLVKPED	385	302
>VHL-N174D VVRSLVKPEN	126	>VHL-N174D VVRSLVKPED	232	106
>VHL-N67S-v NSREPSQV	2345	>VHL-N67S-n SSREPSQV	60	2285
>VHL-N67S-v NSREPSQVI	839	>VHL-N67S-n SSREPSQVI	17	822
>VHL-N67S-v NSREPSQVIF	2730	>VHL-N67S-n SSREPSQVIFC	110	2620
>VHL-N67S-v NSREPSQVIF	527	>VHL-N67S-n SSREPSQVIF	144	383
>VHL-N67S-v NSREPSQVI	1082	>VHL-N67S-n SSREPSQVI	293	789
>VHL-N67S-v NSREPSQV	1525	>VHL-N67S-n SSREPSQV	95	1430
>VHL-N67S-v NSREPSQVI	546	>VHL-N67S-n SSREPSQVI	48	498
>VHL-N67S-v NSREPSQVIF	13	>VHL-N67S-n SSREPSQVIF	4	9
>VHL-N67S-v NSREPSQVI	1470	>VHL-N67S-n SSREPSQVI	135	1335
>VHL-N67S-v NSREPSQVIF	127	>VHL-N67S-n SSREPSQVIF	26	101
>VHL-N67S-v NSREPSQVI	134	>VHL-N67S-n SSREPSQVI	22	112
>VHL-N67S-v VNSREPSQVI	101	>VHL-N67S-n VSSREPSQVIF	19	82
>VHL-N67S-v VNSREPSQVI	21851	>VHL-N67S-n VSSREPSQVI	429	21422
>VHL-N67S-v VNSREPSQVI	14154	>VHL-N67S-n VSSREPSQVIF	17	14137
>VHL-N67S-v VNSREPSQVI	18302	>VHL-N67S-n VSSREPSQVIF	365	17937
>VHL-N67S-v VNSREPSQVI	16140	>VHL-N67S-n VSSREPSQVI	199	15941
>VHL-N67S-v VNSREPSQVI	5020	>VHL-N67S-n VSSREPSQVIF	21	4999
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>VHL-N67S-v VNSREPSQVI	1393	>VHL-N67S-n VSSREPSQVIF	81	1312
>VHL-N67S-v VNSREPSQVI	9989	>VHL-N67S-n VSSREPSQVI	118	9871
>VHL-N67S-v SVNSREPSQV	1341	>VHL-N67S-n SVSSREPSQV	329	1012
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>VHL-N67S-v SVNSREPSQV	126	>VHL-N67S-n SVSSREPSQV	295	169
>VHL-N67S-v SVNSREPSQV	165	>VHL-N67S-n SVSSREPSQV	198	33
>VHL-N67S-v SVNSREPSQV	25	>VHL-N67S-n SVSSREPSQV	19	6
>VHL-N67S-v SVNSREPSQV	1930	>VHL-N67S-n SVSSREPSQV	291	1639
>VHL-N67S-v SVNSREPSQV	590	>VHL-N67S-n SVSSREPSQV	349	241
>VHL-N67S-v RSVNSREPSQ	225	>VHL-N67S-n RSVSSREPSQ	150	75
>VHL-N67S-v RSVNSREPSQ	22	>VHL-N67S-n RSVSSREPSQ	21	1
>VHL-N67S-v RSVNSREPSQ	136	>VHL-N67S-n RSVSSREPSQ	96	40
>VHL-N67S-v VLRSVNSR	625	>VHL-N67S-n VLRSVSSR	183	442
>VHL-N67S-v VLRSVNSR	83	>VHL-N67S-n VLRSVSSR	64	19
>VHL-N67S-v VLRSVNSR	206	>VHL-N67S-n VLRSVSSR	195	11
>VHL-N67S-v RPVLRSVNSR	239	>VHL-N67S-n RPVLRSVSSR	197	42
>VHL-N67S-v RPVLRSVNSR	315	>VHL-N67S-n RPVLRSVSSR	556	241
>VHL-N67S-v RPRPVLRSVN	598	>VHL-N67S-n RPRPVLRSVS	263	335
>VHL-N67S-v RPRPVLRSVN	138	>VHL-N67S-n RPRPVLRSVS	27	111
>VHL-N78D-r NRSRPRVVL	22	>VHL-N78D-r DRSPRVVL	295	273
>VHL-N78D-r NRSRPRVLPV	265	>VHL-N78D-r DRSPRVVLPV	4033	3768
>VHL-N78D-r CNRSRPRVV	11335	>VHL-N78D-r CDRSPRVV	427	10908
>VHL-N78D-r CNRSRPRVLP	11274	>VHL-N78D-r CDRSPRVVLP	367	10907

>VHL-N78D-\ FCNRSPRV	252	>VHL-N78D-r FCDRSPRV	138	114
>VHL-N78D-\ FCNRSPRV	1257	>VHL-N78D-r FCDRSPRV	496	761
>VHL-N78D-\ FCNRSPRV	107	>VHL-N78D-r FCDRSPRV	162	55
>VHL-N78D-\ IFCNRSPRV	675	>VHL-N78D-r IFCDRSPRV	67	608
>VHL-N78D-\ IFCNRSPR	15	>VHL-N78D-r IFCDRSPR	20	5
>VHL-N78D-\ IFCNRSPR	20	>VHL-N78D-r IFCDRSPR	17	3
>VHL-N78D-\ IFCNRSPR	62	>VHL-N78D-r IFCDRSPR	38	24
>VHL-N78D-\ VIFCNRSPRV^	72	>VHL-N78D-r VIFCDRSPRV^	72	0
>VHL-N78D-\ VIFCNRSPRV	662	>VHL-N78D-r VIFCDRSPRV	327	335
>VHL-N78D-\ VIFCNRSPRV	7	>VHL-N78D-r VIFCDRSPRV	10	3
>VHL-N78D-\ VIFCNRSPRV^	15	>VHL-N78D-r VIFCDRSPRV^	25	10
>VHL-N78D-\ VIFCNRSPRV	86	>VHL-N78D-r VIFCDRSPRV	129	43
>VHL-N78D-\ VIFCNRSPRV^	191	>VHL-N78D-r VIFCDRSPRV^	318	127
>VHL-N78D-\ VIFCNRSPRV	70	>VHL-N78D-r VIFCDRSPRV	56	14
>VHL-N78D-\ VIFCNRSPRV	400	>VHL-N78D-r VIFCDRSPRV	360	40
>VHL-N78D-\ VIFCNRSPRV	7	>VHL-N78D-r VIFCDRSPRV	8	1
>VHL-N78D-\ VIFCNRSPRV^	59	>VHL-N78D-r VIFCDRSPRV^	75	16
>VHL-N78D-\ VIFCNRSPR	427	>VHL-N78D-r VIFCDRSPR	1252	825
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>VHL-N78D-\ VIFCNRSPR	23	>VHL-N78D-r VIFCDRSPR	42	19
>VHL-N78D-\ VIFCNRSPR	93	>VHL-N78D-r VIFCDRSPR	80	13
>VHL-N78D-\ VIFCNRSPR	24	>VHL-N78D-r VIFCDRSPR	45	21
>VHL-N78D-\ VIFCNRSPRV^	360	>VHL-N78D-r VIFCDRSPRV^	556	196
>VHL-N78D-\ QVIFCNRSPR	214	>VHL-N78D-r QVIFCDRSPR^	249	35
>VHL-N78D-\ QVIFCNRSPR	511	>VHL-N78D-r QVIFCDRSPR^	440	71
>VHL-N78D-\ QVIFCNRSPR	305	>VHL-N78D-r QVIFCDRSPR	1387	1082
>VHL-N78D-\ QVIFCNRSPR	381	>VHL-N78D-r QVIFCDRSPR	565	184
>VHL-N78D-\ QVIFCNRSPR	11	>VHL-N78D-r QVIFCDRSPR	22	11
>VHL-N78D-\ QVIFCNRSPR	114	>VHL-N78D-r QVIFCDRSPR	175	61
>VHL-N78D-\ QVIFCNRSPR	6	>VHL-N78D-r QVIFCDRSPR	5	1
>VHL-N78D-\ QVIFCNRSPR	36	>VHL-N78D-r QVIFCDRSPR^	35	1
>VHL-N78D-\ QVIFCNRSPR	178	>VHL-N78D-r QVIFCDRSPR^	408	230
>VHL-N78D-\ QVIFCNRSPR	175	>VHL-N78D-r QVIFCDRSPR	251	76
>VHL-N78D-\ SQVIFCNR	54	>VHL-N78D-r SQVIFCDR	347	293
>VHL-N78D-\ SQVIFCNRSPI	47	>VHL-N78D-r SQVIFCDRSPi	100	53
>VHL-N78D-\ SQVIFCNR	423	>VHL-N78D-r SQVIFCDR	924	501
>VHL-N78D-\ SQVIFCNRSPI	436	>VHL-N78D-r SQVIFCDRSPi	611	175
>VHL-N78D-\ SQVIFCNRSPI	301	>VHL-N78D-r SQVIFCDRSPi	581	280
>VHL-N78D-\ SQVIFCNR	74	>VHL-N78D-r SQVIFCDR	136	62
>VHL-N78D-\ SQVIFCNRSPI	150	>VHL-N78D-r SQVIFCDRSPi	233	83
>VHL-N78D-\ PSQVIFCNR	125	>VHL-N78D-r PSQVIFCDR	1447	1322
>VHL-N78D-\ PSQVIFCNR	362	>VHL-N78D-r PSQVIFCDR	1348	986
>VHL-N78D-\ EPSQVIFCNR	355	>VHL-N78D-r EPSQVIFCDR	1176	821

>VHL-N78D-\ EPSQVIFCNR	388	>VHL-N78D-r EPSQVIFCDR	1333	945
>VHL-N78D-\ EPSQVIFCNR	91	>VHL-N78D-r EPSQVIFCDR	191	100
>VHL-N78D-\ EPSQVIFCNR	213	>VHL-N78D-r EPSQVIFCDR	569	356
>VHL-N78D-\ REPSQVIFCN	43	>VHL-N78D-r REPSQVIFCDI	78	35
>VHL-N78H-\ NRSRPRVVL	993	>VHL-N78H-r HRSRPRVVL	404	589
>VHL-N78H-\ NRSRPRVVL	1503	>VHL-N78H-r HRSRPRVVL	152	1351
>VHL-N78H-\ NRSRPRVVL	22	>VHL-N78H-r HRSRPRVVL	14	8
>VHL-N78H-\ NRSRPRVLPV	265	>VHL-N78H-r HRSRPRVLPV	110	155
>VHL-N78H-\ NRSRPRVLPV	1062	>VHL-N78H-r HRSRPRVLPV	467	595
>VHL-N78H-\ NRSRPRVLPV	601	>VHL-N78H-r HRSRPRVLPV	36	565
>VHL-N78H-\ CNRSRPRVVL	734	>VHL-N78H-r CHRSPRVVL	95	639
>VHL-N78H-\ CNRSRPRVLP	1732	>VHL-N78H-r CHRSPRVLP	271	1461
>VHL-N78H-\ CNRSRPRVVL	11978	>VHL-N78H-r CHRSPRVVL	431	11547
>VHL-N78H-\ FCNRSRPRV	252	>VHL-N78H-r FCHRSPRV	237	15
>VHL-N78H-\ FCNRSRPRV	107	>VHL-N78H-r FCHRSPRV	96	11
>VHL-N78H-\ IFCNRSRPR	15	>VHL-N78H-r IFCHRSPR	16	1
>VHL-N78H-\ IFCNRSRPR	20	>VHL-N78H-r IFCHRSPR	17	3
>VHL-N78H-\ IFCNRSRPR	62	>VHL-N78H-r IFCHRSPR	43	19
>VHL-N78H-\ VIFCNRSRPR'	72	>VHL-N78H-r VIFCHRSPRV'	30	42
>VHL-N78H-\ VIFCNRSRPRV	7	>VHL-N78H-r VIFCHRSPRV	10	3
>VHL-N78H-\ VIFCNRSRPR'	15	>VHL-N78H-r VIFCHRSPRV'	20	5
>VHL-N78H-\ VIFCNRSRPRV	86	>VHL-N78H-r VIFCHRSPRV	220	134
>VHL-N78H-\ VIFCNRSRPR'	191	>VHL-N78H-r VIFCHRSPRV'	495	304
>VHL-N78H-\ VIFCNRSRPRV	70	>VHL-N78H-r VIFCHRSPRV	116	46
>VHL-N78H-\ VIFCNRSRPRV	400	>VHL-N78H-r VIFCHRSPRV	1230	830
>VHL-N78H-\ VIFCNRSRPRV	7	>VHL-N78H-r VIFCHRSPRV	11	4
>VHL-N78H-\ VIFCNRSRPR'	59	>VHL-N78H-r VIFCHRSPRV'	90	31
>VHL-N78H-\ VIFCNRSRPR	427	>VHL-N78H-r VIFCHRSPR	120	307
>VHL-N78H-\ VIFCNRSRPR	113	>VHL-N78H-r VIFCHRSPR	88	25
>VHL-N78H-\ VIFCNRSRPR	23	>VHL-N78H-r VIFCHRSPR	12	11
>VHL-N78H-\ VIFCNRSRPR	93	>VHL-N78H-r VIFCHRSPR	49	44
>VHL-N78H-\ VIFCNRSRPR	24	>VHL-N78H-r VIFCHRSPR	36	12
>VHL-N78H-\ VIFCNRSRPRV	508	>VHL-N78H-r VIFCHRSPRV	490	18
>VHL-N78H-\ VIFCNRSRPR'	360	>VHL-N78H-r VIFCHRSPRV'	379	19
>VHL-N78H-\ QVIFCNRSRPR	214	>VHL-N78H-r QVIFCHRSPR'	278	64
>VHL-N78H-\ QVIFCNRSRPR	511	>VHL-N78H-r QVIFCHRSPR'	495	16
>VHL-N78H-\ QVIFCNRSRPR	305	>VHL-N78H-r QVIFCHRSPR	311	6
>VHL-N78H-\ QVIFCNRSRPR	381	>VHL-N78H-r QVIFCHRSPR	579	198
>VHL-N78H-\ QVIFCNRSRPR	11	>VHL-N78H-r QVIFCHRSPR	11	0
>VHL-N78H-\ QVIFCNRSRPR	114	>VHL-N78H-r QVIFCHRSPR	102	12
>VHL-N78H-\ QVIFCNRSRPR	6	>VHL-N78H-r QVIFCHRSPR	6	0
>VHL-N78H-\ QVIFCNRSRPR	36	>VHL-N78H-r QVIFCHRSPR'	37	1
>VHL-N78H-\ QVIFCNRSRPR	178	>VHL-N78H-r QVIFCHRSPR'	189	11

>VHL-N78H-\ QVIFCNRSPI	175	>VHL-N78H-r QVIFCHRSPR	156	19
>VHL-N78H-\ SQVIFCNR	54	>VHL-N78H-r SQVIFCHR	27	27
>VHL-N78H-\ SQVIFCNRSPI	47	>VHL-N78H-r SQVIFCHRSP	26	21
>VHL-N78H-\ SQVIFCNR	423	>VHL-N78H-r SQVIFCHR	411	12
>VHL-N78H-\ SQVIFCNRSPI	436	>VHL-N78H-r SQVIFCHRSP	405	31
>VHL-N78H-\ SQVIFCNRSPI	301	>VHL-N78H-r SQVIFCHRSP	317	16
>VHL-N78H-\ SQVIFCNR	569	>VHL-N78H-r SQVIFCHR	386	183
>VHL-N78H-\ SQVIFCNR	74	>VHL-N78H-r SQVIFCHR	34	40
>VHL-N78H-\ SQVIFCNRSPI	150	>VHL-N78H-r SQVIFCHRSP	102	48
>VHL-N78H-\ PSQVIFCNR	125	>VHL-N78H-r PSQVIFCHR	77	48
>VHL-N78H-\ PSQVIFCNR	362	>VHL-N78H-r PSQVIFCHR	203	159
>VHL-N78H-\ EPSQVIFCNR	355	>VHL-N78H-r EPSQVIFCHR	452	97
>VHL-N78H-\ EPSQVIFCNR	388	>VHL-N78H-r EPSQVIFCHR	768	380
>VHL-N78H-\ EPSQVIFCNR	91	>VHL-N78H-r EPSQVIFCHR	125	34
>VHL-N78H-\ EPSQVIFCN	1938	>VHL-N78H-r EPSQVIFCH	79	1859
>VHL-N78H-\ EPSQVIFCNR	213	>VHL-N78H-r EPSQVIFCHR	141	72
>VHL-N78H-\ REPSQVIFCN	43	>VHL-N78H-r REPSQVIFCH	31	12
>VHL-N78I-w NRSPRVVL	993	>VHL-N78I-r IRSPRVVL	144	849
>VHL-N78I-w NRSPRVVL	22	>VHL-N78I-r IRSPRVVL	178	156
>VHL-N78I-w NRSPRVVLPV	265	>VHL-N78I-r IRSPRVVLPV	3024	2759
>VHL-N78I-w NRSPRVVLPV	1062	>VHL-N78I-r IRSPRVVLPV	268	794
>VHL-N78I-w NRSPRVVLPV	601	>VHL-N78I-r IRSPRVVLPV	50	551
>VHL-N78I-w CNRSRVVLP	10953	>VHL-N78I-r CIRSPRVVLP	356	10597
>VHL-N78I-w CNRSRVVLP	24972	>VHL-N78I-r CIRSPRVVLP	338	24634
>VHL-N78I-w CNRSRVV	4766	>VHL-N78I-r CIRSPRVV	440	4326
>VHL-N78I-w CNRSRVVL	4554	>VHL-N78I-r CIRSPRVL	420	4134
>VHL-N78I-w CNRSRVVLP	910	>VHL-N78I-r CIRSPRVVLP	51	859
>VHL-N78I-w CNRSRVVL	1848	>VHL-N78I-r CIRSPRVL	174	1674
>VHL-N78I-w FCNRSRPRV	252	>VHL-N78I-r FCIRSRPRV	250	2
>VHL-N78I-w FCNRSRPRV	107	>VHL-N78I-r FCIRSRPRV	100	7
>VHL-N78I-w IFCNRSRPR	15	>VHL-N78I-r IFCIRSRPR	16	1
>VHL-N78I-w IFCNRSRPR	20	>VHL-N78I-r IFCIRSRPR	18	2
>VHL-N78I-w IFCNRSRPR	62	>VHL-N78I-r IFCIRSRPR	41	21
>VHL-N78I-w VIFCNRSRPRV	1499	>VHL-N78I-r VIFCIRSRPRV	494	1005
>VHL-N78I-w VIFCNRSRPRV	72	>VHL-N78I-r VIFCIRSRPRV	49	23
>VHL-N78I-w VIFCNRSRPRV	662	>VHL-N78I-r VIFCIRSRPRV	297	365
>VHL-N78I-w VIFCNRSRPRV	7	>VHL-N78I-r VIFCIRSRPRV	8	1
>VHL-N78I-w VIFCNRSRPRV	15	>VHL-N78I-r VIFCIRSRPRV	16	1
>VHL-N78I-w VIFCNRSRPRV	86	>VHL-N78I-r VIFCIRSRPRV	233	147
>VHL-N78I-w VIFCNRSRPRV	191	>VHL-N78I-r VIFCIRSRPRV	434	243
>VHL-N78I-w VIFCNRSRPRV	70	>VHL-N78I-r VIFCIRSRPRV	42	28
>VHL-N78I-w VIFCNRSRPRV	874	>VHL-N78I-r VIFCIRSRPRV	470	404
>VHL-N78I-w VIFCNRSRPRV	400	>VHL-N78I-r VIFCIRSRPRV	415	15

>VHL-N78I-w VIFCNRSPRV	7	>VHL-N78I-r VIFCIRSPRV	8	1
>VHL-N78I-w VIFCNRSPRV'	59	>VHL-N78I-r VIFCIRSPRVV	69	10
>VHL-N78I-w VIFCNRSPR	427	>VHL-N78I-r VIFCIRSPR	271	156
>VHL-N78I-w VIFCNRSPR	113	>VHL-N78I-r VIFCIRSPR	54	59
>VHL-N78I-w VIFCNRSPR	23	>VHL-N78I-r VIFCIRSPR	11	12
>VHL-N78I-w VIFCNRSPR	93	>VHL-N78I-r VIFCIRSPR	21	72
>VHL-N78I-w VIFCNRSPR	24	>VHL-N78I-r VIFCIRSPR	12	12
>VHL-N78I-w VIFCNRSPRV'	548	>VHL-N78I-r VIFCIRSPRVV	207	341
>VHL-N78I-w VIFCNRSPRV	508	>VHL-N78I-r VIFCIRSPRV	367	141
>VHL-N78I-w VIFCNRSPRV'	360	>VHL-N78I-r VIFCIRSPRVV	595	235
>VHL-N78I-w QVIFCNRSPR	755	>VHL-N78I-r QVIFCIRSPRV	292	463
>VHL-N78I-w QVIFCNRSPR	214	>VHL-N78I-r QVIFCIRSPRV	84	130
>VHL-N78I-w QVIFCNRSPR	511	>VHL-N78I-r QVIFCIRSPRV	245	266
>VHL-N78I-w QVIFCNRSPR	305	>VHL-N78I-r QVIFCIRSPR	174	131
>VHL-N78I-w QVIFCNRSPR	381	>VHL-N78I-r QVIFCIRSPR	217	164
>VHL-N78I-w QVIFCNRSPR	11	>VHL-N78I-r QVIFCIRSPR	6	5
>VHL-N78I-w QVIFCNRSPR	114	>VHL-N78I-r QVIFCIRSPR	46	68
>VHL-N78I-w QVIFCNRSPR	6	>VHL-N78I-r QVIFCIRSPR	3	3
>VHL-N78I-w QVIFCNRSPR	36	>VHL-N78I-r QVIFCIRSPRV	32	4
>VHL-N78I-w QVIFCNRSPR	178	>VHL-N78I-r QVIFCIRSPRV	176	2
>VHL-N78I-w QVIFCNRSPR	175	>VHL-N78I-r QVIFCIRSPR	135	40
>VHL-N78I-w SQVIFCNRSPR	1037	>VHL-N78I-r SQVIFCIRSPR	482	555
>VHL-N78I-w SQVIFCNR	54	>VHL-N78I-r SQVIFCIR	79	25
>VHL-N78I-w SQVIFCNRSPR	47	>VHL-N78I-r SQVIFCIRSPR	34	13
>VHL-N78I-w SQVIFCNR	423	>VHL-N78I-r SQVIFCIR	645	222
>VHL-N78I-w SQVIFCNRSPR	436	>VHL-N78I-r SQVIFCIRSPR	272	164
>VHL-N78I-w SQVIFCNRSPR	301	>VHL-N78I-r SQVIFCIRSPR	401	100
>VHL-N78I-w SQVIFCNR	74	>VHL-N78I-r SQVIFCIR	61	13
>VHL-N78I-w SQVIFCNRSPR	150	>VHL-N78I-r SQVIFCIRSPR	92	58
>VHL-N78I-w PSQVIFCNR	125	>VHL-N78I-r PSQVIFCIR	292	167
>VHL-N78I-w PSQVIFCNR	362	>VHL-N78I-r PSQVIFCIR	1300	938
>VHL-N78I-w EPSQVIFCNR	355	>VHL-N78I-r EPSQVIFCIR	994	639
>VHL-N78I-w EPSQVIFCNR	388	>VHL-N78I-r EPSQVIFCIR	578	190
>VHL-N78I-w EPSQVIFCNR	91	>VHL-N78I-r EPSQVIFCIR	139	48
>VHL-N78I-w EPSQVIFCN	6877	>VHL-N78I-r EPSQVIFCI	45	6832
>VHL-N78I-w EPSQVIFCNR	213	>VHL-N78I-r EPSQVIFCIR	306	93
>VHL-N78I-w REPSQVIFCN	1304	>VHL-N78I-r REPSQVIFCI	116	1188
>VHL-N78I-w REPSQVIFCN	10427	>VHL-N78I-r REPSQVIFCI	9	10418
>VHL-N78I-w REPSQVIFCN	43	>VHL-N78I-r REPSQVIFCIR	58	15
>VHL-N78K-v NRSRPPVL	993	>VHL-N78K-r KRSPRVVL	158	835
>VHL-N78K-v NRSRPPVL	1503	>VHL-N78K-r KRSPRVVL	201	1302
>VHL-N78K-v NRSRPPVL	22	>VHL-N78K-r KRSPRVVL	181	159
>VHL-N78K-v NRSRPPVLPV	265	>VHL-N78K-r KRSPRVVLPV	3076	2811

>VHL-N78K-v NRSRPRVVL	4077	>VHL-N78K-r KRSPRVVL	88	3989
>VHL-N78K-v NRSRPRVLPV	2134	>VHL-N78K-r KRSPRVVLPV	140	1994
>VHL-N78K-v NRSRPRVLPV	3430	>VHL-N78K-r KRSPRVVLPV	230	3200
>VHL-N78K-v NRSRPRVVL	733	>VHL-N78K-r KRSPRVVL	202	531
>VHL-N78K-v NRSRPRVLPV	1062	>VHL-N78K-r KRSPRVVLPV	121	941
>VHL-N78K-v NRSRPRVLPV	601	>VHL-N78K-r KRSPRVVLPV	109	492
>VHL-N78K-v CNRSRPRV	4120	>VHL-N78K-r CKRSPRVV	42	4078
>VHL-N78K-v CNRSRPRVVL	734	>VHL-N78K-r CKRSPRVVL	9	725
>VHL-N78K-v CNRSRPRVLPV	1732	>VHL-N78K-r CKRSPRVVLPV	19	1713
>VHL-N78K-v FCNRSRPRV	252	>VHL-N78K-r FCKRSPRV	3625	3373
>VHL-N78K-v FCNRSRPRV	107	>VHL-N78K-r FCKRSPRV	352	245
>VHL-N78K-v IFCNRSRPR	15	>VHL-N78K-r IFCKRSPR	16	1
>VHL-N78K-v IFCNRSRPR	20	>VHL-N78K-r IFCKRSPR	21	1
>VHL-N78K-v IFCNRSRPR	62	>VHL-N78K-r IFCKRSPR	36	26
>VHL-N78K-v VIFCNRSRPRV	72	>VHL-N78K-r VIFCKRSPRV	61	11
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>VHL-N78K-v VIFCNRSRPRV	15	>VHL-N78K-r VIFCKRSPRV	29	14
>VHL-N78K-v VIFCNRSRPRV	86	>VHL-N78K-r VIFCKRSPRV	279	193
>VHL-N78K-v VIFCNRSRPRV	191	>VHL-N78K-r VIFCKRSPRV	564	373
>VHL-N78K-v VIFCNRSRPRV	70	>VHL-N78K-r VIFCKRSPRV	92	22
>VHL-N78K-v VIFCNRSRPRV	400	>VHL-N78K-r VIFCKRSPRV	860	460
>VHL-N78K-v VIFCNRSRPRV	7	>VHL-N78K-r VIFCKRSPRV	12	5
>VHL-N78K-v VIFCNRSRPRV	59	>VHL-N78K-r VIFCKRSPRV	100	41
>VHL-N78K-v VIFCNRSRPR	427	>VHL-N78K-r VIFCKRSPR	409	18
>VHL-N78K-v VIFCNRSRPR	113	>VHL-N78K-r VIFCKRSPR	148	35
>VHL-N78K-v VIFCNRSRPR	23	>VHL-N78K-r VIFCKRSPR	11	12
>VHL-N78K-v VIFCNRSRPR	93	>VHL-N78K-r VIFCKRSPR	34	59
>VHL-N78K-v VIFCNRSRPR	24	>VHL-N78K-r VIFCKRSPR	61	37
>VHL-N78K-v VIFCNRSRPRV	360	>VHL-N78K-r VIFCKRSPRV	848	488
>VHL-N78K-v QVIFCNRSRPR	214	>VHL-N78K-r QVIFCKRSPRV	490	276
>VHL-N78K-v QVIFCNRSRPR	305	>VHL-N78K-r QVIFCKRSPR	276	29
>VHL-N78K-v QVIFCNRSRPR	381	>VHL-N78K-r QVIFCKRSPR	454	73
>VHL-N78K-v QVIFCNRSRPR	11	>VHL-N78K-r QVIFCKRSPR	8	3
>VHL-N78K-v QVIFCNRSRPR	114	>VHL-N78K-r QVIFCKRSPR	99	15
>VHL-N78K-v QVIFCNRSRPR	6	>VHL-N78K-r QVIFCKRSPR	9	3
>VHL-N78K-v QVIFCNRSRPR	36	>VHL-N78K-r QVIFCKRSPRV	58	22
>VHL-N78K-v QVIFCNRSRPR	178	>VHL-N78K-r QVIFCKRSPRV	305	127
>VHL-N78K-v QVIFCNRSRPR	175	>VHL-N78K-r QVIFCKRSPR	208	33
>VHL-N78K-v SQVIFCNR	54	>VHL-N78K-r SQVIFCKR	73	19
>VHL-N78K-v SQVIFCNRSPV	47	>VHL-N78K-r SQVIFCKRSPV	52	5
>VHL-N78K-v SQVIFCNR	423	>VHL-N78K-r SQVIFCKR	685	262
>VHL-N78K-v SQVIFCNRSPV	436	>VHL-N78K-r SQVIFCKRSPV	994	558
>VHL-N78K-v SQVIFCNRSPV	301	>VHL-N78K-r SQVIFCKRSPV	476	175

>VHL-N78K-v SQVIFCNR	74	>VHL-N78K-r SQVIFCKR	74	0
>VHL-N78K-v SQVIFCNRSPf	150	>VHL-N78K-r SQVIFCKRSPf	155	5
>VHL-N78K-v PSQVIFCN	24588	>VHL-N78K-r PSQVIFCK	255	24333
>VHL-N78K-v PSQVIFCNR	125	>VHL-N78K-r PSQVIFCKR	224	99
>VHL-N78K-v PSQVIFCNR	362	>VHL-N78K-r PSQVIFCKR	842	480
>VHL-N78K-v EPSQVIFCNR	355	>VHL-N78K-r EPSQVIFCKR	601	246
>VHL-N78K-v EPSQVIFCNR	388	>VHL-N78K-r EPSQVIFCKR	456	68
>VHL-N78K-v EPSQVIFCN	10530	>VHL-N78K-r EPSQVIFCK	31	10499
>VHL-N78K-v EPSQVIFCNR	91	>VHL-N78K-r EPSQVIFCKR	106	15
>VHL-N78K-v EPSQVIFCNR	213	>VHL-N78K-r EPSQVIFCKR	272	59
>VHL-N78K-v REPSQVIFCN	43	>VHL-N78K-r REPSQVIFCKf	49	6
>VHL-N78S-v NRSRPRVVL	993	>VHL-N78S-n RSRPRVVL	418	575
>VHL-N78S-v NRSRPRVVL	22	>VHL-N78S-n RSRPRVVL	39	17
>VHL-N78S-v NRSRPRVLPV	265	>VHL-N78S-n RSRPRVLPV	561	296
>VHL-N78S-v CNRSRPRVV	4766	>VHL-N78S-n CSRSPRVV	154	4612
>VHL-N78S-v CNRSRPRVVL	4554	>VHL-N78S-n CSRSPRVVL	155	4399
>VHL-N78S-v CNRSRPRVLP	910	>VHL-N78S-n CSRSPRVLP'	24	886
>VHL-N78S-v CNRSRPRVVL	734	>VHL-N78S-n CSRSPRVVL	90	644
>VHL-N78S-v CNRSRPRVLP	1732	>VHL-N78S-n CSRSPRVLP'	242	1490
>VHL-N78S-v CNRSRPRVVL	23120	>VHL-N78S-n CSRSPRVVL	383	22737
>VHL-N78S-v CNRSRPRVVL	3853	>VHL-N78S-n CSRSPRVVL	253	3600
>VHL-N78S-v CNRSRPRVVL	3102	>VHL-N78S-n CSRSPRVVL	197	2905
>VHL-N78S-v FCNRSRPRV	252	>VHL-N78S-n FCSRSPRV	540	288
>VHL-N78S-v FCNRSRPRV	107	>VHL-N78S-n FCSRSPRV	91	16
>VHL-N78S-v IFCNRSRPR	15	>VHL-N78S-n IFCSRSPR	13	2
>VHL-N78S-v IFCNRSRPR	20	>VHL-N78S-n IFCSRSPR	18	2
>VHL-N78S-v IFCNRSRPR	639	>VHL-N78S-n IFCSRSPR	460	179
>VHL-N78S-v IFCNRSRPR	62	>VHL-N78S-n IFCSRSPR	54	8
>VHL-N78S-v VIFCNRSPRV'	72	>VHL-N78S-n VIFCSRSPRV\	51	21
>VHL-N78S-v VIFCNRSPRV	662	>VHL-N78S-n VIFCSRSPRV	453	209
>VHL-N78S-v VIFCNRSPRV	7	>VHL-N78S-n VIFCSRSPRV	11	4
>VHL-N78S-v VIFCNRSPRV'	15	>VHL-N78S-n VIFCSRSPRV\	24	9
>VHL-N78S-v VIFCNRSPRV	86	>VHL-N78S-n VIFCSRSPRV	208	122
>VHL-N78S-v VIFCNRSPRV'	191	>VHL-N78S-n VIFCSRSPRV\	428	237
>VHL-N78S-v VIFCNRSPRV	70	>VHL-N78S-n VIFCSRSPRV	60	10
>VHL-N78S-v VIFCNRSPRV	400	>VHL-N78S-n VIFCSRSPRV	524	124
>VHL-N78S-v VIFCNRSPRV	7	>VHL-N78S-n VIFCSRSPRV	8	1
>VHL-N78S-v VIFCNRSPRV'	59	>VHL-N78S-n VIFCSRSPRV\	69	10
>VHL-N78S-v VIFCNRSPR	427	>VHL-N78S-n VIFCSRSPR	184	243
>VHL-N78S-v VIFCNRSPR	113	>VHL-N78S-n VIFCSRSPR	44	69
>VHL-N78S-v VIFCNRSPR	23	>VHL-N78S-n VIFCSRSPR	16	7
>VHL-N78S-v VIFCNRSPR	93	>VHL-N78S-n VIFCSRSPR	55	38
>VHL-N78S-v VIFCNRSPR	24	>VHL-N78S-n VIFCSRSPR	23	1



>VHL-N78S-v VIFCNRSPRV	508	>VHL-N78S-n VIFCSRSPRV	480	28
>VHL-N78S-v VIFCNRSPR	689	>VHL-N78S-n VIFCSRSPR	225	464
>VHL-N78S-v VIFCNRSPRV'	360	>VHL-N78S-n VIFCSRSPRV\	163	197
>VHL-N78S-v QVIFCNRSPR	755	>VHL-N78S-n QVIFCSRSPR\	435	320
>VHL-N78S-v QVIFCNRSPR	214	>VHL-N78S-n QVIFCSRSPR\	155	59
>VHL-N78S-v QVIFCNRSPR	511	>VHL-N78S-n QVIFCSRSPR\	430	81
>VHL-N78S-v QVIFCNRSPR	305	>VHL-N78S-n QVIFCSRSPR	163	142
>VHL-N78S-v QVIFCNRSPR	381	>VHL-N78S-n QVIFCSRSPR	208	173
>VHL-N78S-v QVIFCNRSPR	11	>VHL-N78S-n QVIFCSRSPR	7	4
>VHL-N78S-v QVIFCNRSPR	114	>VHL-N78S-n QVIFCSRSPR	52	62
>VHL-N78S-v QVIFCNRSPR	6	>VHL-N78S-n QVIFCSRSPR	5	1
>VHL-N78S-v QVIFCNRSPR	36	>VHL-N78S-n QVIFCSRSPR\	35	1
>VHL-N78S-v QVIFCNRSPR	178	>VHL-N78S-n QVIFCSRSPR\	139	39
>VHL-N78S-v QVIFCNRSPR	175	>VHL-N78S-n QVIFCSRSPR	257	82
>VHL-N78S-v SQVIFCNR	54	>VHL-N78S-n SQVIFCSR	69	15
>VHL-N78S-v SQVIFCNRSPi	47	>VHL-N78S-n SQVIFCSRSPF	37	10
>VHL-N78S-v SQVIFCNR	423	>VHL-N78S-n SQVIFCSR	414	9
>VHL-N78S-v SQVIFCNRSPi	436	>VHL-N78S-n SQVIFCSRSPF	346	90
>VHL-N78S-v SQVIFCNRSPi	301	>VHL-N78S-n SQVIFCSRSPF	170	131
>VHL-N78S-v SQVIFCNR	74	>VHL-N78S-n SQVIFCSR	109	35
>VHL-N78S-v SQVIFCNRSPi	150	>VHL-N78S-n SQVIFCSRSPF	204	54
>VHL-N78S-v PSQVIFCNR	125	>VHL-N78S-n PSQVIFCSR	263	138
>VHL-N78S-v PSQVIFCNR	362	>VHL-N78S-n PSQVIFCSR	329	33
>VHL-N78S-v EPSQVIFCNR	355	>VHL-N78S-n EPSQVIFCSR	578	223
>VHL-N78S-v EPSQVIFCNR	388	>VHL-N78S-n EPSQVIFCSR	337	51
>VHL-N78S-v EPSQVIFCNR	91	>VHL-N78S-n EPSQVIFCSR	123	32
>VHL-N78S-v EPSQVIFCNR	213	>VHL-N78S-n EPSQVIFCSR	409	196
>VHL-N78S-v REPSQVIFCNi	43	>VHL-N78S-n REPSQVIFCSF	57	14
>VHL-N78T-v NRSPRVVL	22	>VHL-N78T-n TRSPRVVL	22	0
>VHL-N78T-v NRSPRVVLPV	265	>VHL-N78T-n TRSPRVVLPV	263	2
>VHL-N78T-v CNRSPRVV	4766	>VHL-N78T-n CTRSPRVV	69	4697
>VHL-N78T-v CNRSPRVVL	4554	>VHL-N78T-n CTRSPRVVL	67	4487
>VHL-N78T-v CNRSPRVVLP	910	>VHL-N78T-n CTRSPRVVLP'	14	896
>VHL-N78T-v CNRSPRVVLP	9492	>VHL-N78T-n CTRSPRVVLP'	154	9338
>VHL-N78T-v CNRSPRVVL	1848	>VHL-N78T-n CTRSPRVVL	242	1606
>VHL-N78T-v CNRSPRVVL	734	>VHL-N78T-n CTRSPRVVL	384	350
>VHL-N78T-v CNRSPRVVL	23120	>VHL-N78T-n CTRSPRVVL	238	22882
>VHL-N78T-v CNRSPRVVL	3853	>VHL-N78T-n CTRSPRVVL	82	3771
>VHL-N78T-v CNRSPRVVL	3102	>VHL-N78T-n CTRSPRVVL	187	2915
>VHL-N78T-v FCNRSPRV	252	>VHL-N78T-n FCTRSPRV	755	503
>VHL-N78T-v FCNRSPRV	107	>VHL-N78T-n FCTRSPRV	71	36
>VHL-N78T-v IFCNRSPR	15	>VHL-N78T-n IFCTRSPR	17	2
>VHL-N78T-v IFCNRSPR	20	>VHL-N78T-n IFCTRSPR	22	2

>VHL-N78T-v IFCNRSPR	62	>VHL-N78T-n IFCTRSPR	33	29
>VHL-N78T-v VIFCNRSPRV	72	>VHL-N78T-n VIFCTRSPRV	66	6
>VHL-N78T-v VIFCNRSPRV	662	>VHL-N78T-n VIFCTRSPRV	271	391
>VHL-N78T-v VIFCNRSPRV	7	>VHL-N78T-n VIFCTRSPRV	8	1
>VHL-N78T-v VIFCNRSPRV	15	>VHL-N78T-n VIFCTRSPRV	16	1
>VHL-N78T-v VIFCNRSPRV	86	>VHL-N78T-n VIFCTRSPRV	151	65
>VHL-N78T-v VIFCNRSPRV	191	>VHL-N78T-n VIFCTRSPRV	305	114
>VHL-N78T-v VIFCNRSPRV	70	>VHL-N78T-n VIFCTRSPRV	41	29
>VHL-N78T-v VIFCNRSPRV	874	>VHL-N78T-n VIFCTRSPRV	439	435
>VHL-N78T-v VIFCNRSPRV	400	>VHL-N78T-n VIFCTRSPRV	505	105
>VHL-N78T-v VIFCNRSPRV	7	>VHL-N78T-n VIFCTRSPRV	8	1
>VHL-N78T-v VIFCNRSPRV	59	>VHL-N78T-n VIFCTRSPRV	74	15
>VHL-N78T-v VIFCNRSPR	427	>VHL-N78T-n VIFCTRSPR	403	24
>VHL-N78T-v VIFCNRSPR	113	>VHL-N78T-n VIFCTRSPR	76	37
>VHL-N78T-v VIFCNRSPR	23	>VHL-N78T-n VIFCTRSPR	16	7
>VHL-N78T-v VIFCNRSPR	93	>VHL-N78T-n VIFCTRSPR	50	43
>VHL-N78T-v VIFCNRSPR	24	>VHL-N78T-n VIFCTRSPR	26	2
>VHL-N78T-v VIFCNRSPRV	508	>VHL-N78T-n VIFCTRSPRV	438	70
>VHL-N78T-v VIFCNRSPR	689	>VHL-N78T-n VIFCTRSPR	384	305
>VHL-N78T-v VIFCNRSPRV	360	>VHL-N78T-n VIFCTRSPRV	238	122
>VHL-N78T-v QVIFCNRSPR	755	>VHL-N78T-n QVIFCTRSPRV	354	401
>VHL-N78T-v QVIFCNRSPR	214	>VHL-N78T-n QVIFCTRSPRV	145	69
>VHL-N78T-v QVIFCNRSPR	511	>VHL-N78T-n QVIFCTRSPRV	385	126
>VHL-N78T-v QVIFCNRSPR	305	>VHL-N78T-n QVIFCTRSPR	161	144
>VHL-N78T-v QVIFCNRSPR	381	>VHL-N78T-n QVIFCTRSPR	182	199
>VHL-N78T-v QVIFCNRSPR	11	>VHL-N78T-n QVIFCTRSPR	8	3
>VHL-N78T-v QVIFCNRSPR	114	>VHL-N78T-n QVIFCTRSPR	76	38
>VHL-N78T-v QVIFCNRSPR	6	>VHL-N78T-n QVIFCTRSPR	5	1
>VHL-N78T-v QVIFCNRSPR	36	>VHL-N78T-n QVIFCTRSPRV	28	8
>VHL-N78T-v QVIFCNRSPR	178	>VHL-N78T-n QVIFCTRSPRV	134	44
>VHL-N78T-v QVIFCNRSPR	175	>VHL-N78T-n QVIFCTRSPR	144	31
>VHL-N78T-v SQVIFCNR	54	>VHL-N78T-n SQVIFCTR	48	6
>VHL-N78T-v SQVIFCNRSP	47	>VHL-N78T-n SQVIFCTRSPF	33	14
>VHL-N78T-v SQVIFCNR	423	>VHL-N78T-n SQVIFCTR	389	34
>VHL-N78T-v SQVIFCNRSP	436	>VHL-N78T-n SQVIFCTRSPF	407	29
>VHL-N78T-v SQVIFCNRSP	301	>VHL-N78T-n SQVIFCTRSPF	208	93
>VHL-N78T-v SQVIFCNR	74	>VHL-N78T-n SQVIFCTR	84	10
>VHL-N78T-v SQVIFCNRSP	150	>VHL-N78T-n SQVIFCTRSPF	143	7
>VHL-N78T-v PSQVIFCNR	125	>VHL-N78T-n PSQVIFCTR	183	58
>VHL-N78T-v PSQVIFCNR	362	>VHL-N78T-n PSQVIFCTR	352	10
>VHL-N78T-v EPSQVIFCNR	355	>VHL-N78T-n EPSQVIFCTR	458	103
>VHL-N78T-v EPSQVIFCNR	388	>VHL-N78T-n EPSQVIFCTR	418	30
>VHL-N78T-v EPSQVIFCNR	91	>VHL-N78T-n EPSQVIFCTR	67	24

>VHL-N78T-v EPSQVIFCN	1938	>VHL-N78T-n EPSQVIFCT	394	1544
>VHL-N78T-v EPSQVIFCNR	213	>VHL-N78T-n EPSQVIFCTR	302	89
>VHL-N78T-v REPSQVIFCN	1304	>VHL-N78T-n REPSQVIFCT	426	878
>VHL-N78T-v REPSQVIFCNI	43	>VHL-N78T-n REPSQVIFCTI	53	10
>VHL-N78Y-v NRSRPRVLPV	13442	>VHL-N78Y-n YRSRPRVLPV	448	12994
>VHL-N78Y-v NRSRPRVVL	993	>VHL-N78Y-n YRSRPRVVL	91	902
>VHL-N78Y-v NRSRPRVVL	1503	>VHL-N78Y-n YRSRPRVVL	110	1393
>VHL-N78Y-v NRSRPRVVL	22	>VHL-N78Y-n YRSRPRVVL	12	10
>VHL-N78Y-v NRSRPRVLPV	265	>VHL-N78Y-n YRSRPRVLPV	84	181
>VHL-N78Y-v NRSRPRVLPV	601	>VHL-N78Y-n YRSRPRVLPV	90	511
>VHL-N78Y-v CNRSRPRVVL	21649	>VHL-N78Y-n CYRSRPRVVL	16	21633
>VHL-N78Y-v CNRSRPRVV	4766	>VHL-N78Y-n CYRSRPRVV	159	4607
>VHL-N78Y-v CNRSRPRVVL	4554	>VHL-N78Y-n CYRSRPRVVL	161	4393
>VHL-N78Y-v CNRSRPRVLPV	910	>VHL-N78Y-n CYRSRPRVLPV	24	886
>VHL-N78Y-v FCNRSRPRV	252	>VHL-N78Y-n FCYRSRPRV	26	226
>VHL-N78Y-v FCNRSRPRVV	994	>VHL-N78Y-n FCYRSRPRVV	90	904
>VHL-N78Y-v FCNRSRPRV	1257	>VHL-N78Y-n FCYRSRPRV	137	1120
>VHL-N78Y-v FCNRSRPRV	107	>VHL-N78Y-n FCYRSRPRV	31	76
>VHL-N78Y-v FCNRSRPRV	1444	>VHL-N78Y-n FCYRSRPRV	316	1128
>VHL-N78Y-v FCNRSRPRVV	2427	>VHL-N78Y-n FCYRSRPRVV	384	2043
>VHL-N78Y-v IFCNRSRPR	15	>VHL-N78Y-n IFCYRSRPR	12	3
>VHL-N78Y-v IFCNRSRPR	20	>VHL-N78Y-n IFCYRSRPR	12	8
>VHL-N78Y-v IFCNRSRPR	639	>VHL-N78Y-n IFCYRSRPR	379	260
>VHL-N78Y-v IFCNRSRPR	62	>VHL-N78Y-n IFCYRSRPR	55	7
>VHL-N78Y-v VIFCNRSRPR	18941	>VHL-N78Y-n VIFCYRSRPR	443	18498
>VHL-N78Y-v VIFCNRSRPRV	1031	>VHL-N78Y-n VIFCYRSRPRV	477	554
>VHL-N78Y-v VIFCNRSRPRV	72	>VHL-N78Y-n VIFCYRSRPRV	42	30
>VHL-N78Y-v VIFCNRSRPRV	662	>VHL-N78Y-n VIFCYRSRPRV	387	275
>VHL-N78Y-v VIFCNRSRPRV	7	>VHL-N78Y-n VIFCYRSRPRV	7	0
>VHL-N78Y-v VIFCNRSRPRV	15	>VHL-N78Y-n VIFCYRSRPRV	11	4
>VHL-N78Y-v VIFCNRSRPRV	86	>VHL-N78Y-n VIFCYRSRPRV	152	66
>VHL-N78Y-v VIFCNRSRPRV	191	>VHL-N78Y-n VIFCYRSRPRV	318	127
>VHL-N78Y-v VIFCNRSRPRV	70	>VHL-N78Y-n VIFCYRSRPRV	67	3
>VHL-N78Y-v VIFCNRSRPRV	400	>VHL-N78Y-n VIFCYRSRPRV	646	246
>VHL-N78Y-v VIFCNRSRPRV	7	>VHL-N78Y-n VIFCYRSRPRV	7	0
>VHL-N78Y-v VIFCNRSRPRV	59	>VHL-N78Y-n VIFCYRSRPRV	54	5
>VHL-N78Y-v VIFCNRSRPR	427	>VHL-N78Y-n VIFCYRSRPR	290	137
>VHL-N78Y-v VIFCNRSRPR	113	>VHL-N78Y-n VIFCYRSRPR	58	55
>VHL-N78Y-v VIFCNRSRPR	23	>VHL-N78Y-n VIFCYRSRPR	11	12
>VHL-N78Y-v VIFCNRSRPR	93	>VHL-N78Y-n VIFCYRSRPR	28	65
>VHL-N78Y-v VIFCNRSRPR	24	>VHL-N78Y-n VIFCYRSRPR	26	2
>VHL-N78Y-v VIFCNRSRPRV	508	>VHL-N78Y-n VIFCYRSRPRV	300	208
>VHL-N78Y-v VIFCNRSRPR	689	>VHL-N78Y-n VIFCYRSRPR	359	330

>VHL-N78Y-v VIFCNRSPRV\	360	>VHL-N78Y-n VIFCYRSPRV\	234	126
>VHL-N78Y-v QVIFCNRSPR	1851	>VHL-N78Y-n QVIFCYRSPR\	375	1476
>VHL-N78Y-v QVIFCNRSPR	755	>VHL-N78Y-n QVIFCYRSPR\	435	320
>VHL-N78Y-v QVIFCNRSPR	214	>VHL-N78Y-n QVIFCYRSPR\	158	56
>VHL-N78Y-v QVIFCNRSPR	305	>VHL-N78Y-n QVIFCYRSPR	286	19
>VHL-N78Y-v QVIFCNRSPR	381	>VHL-N78Y-n QVIFCYRSPR	245	136
>VHL-N78Y-v QVIFCNRSPR	11	>VHL-N78Y-n QVIFCYRSPR	8	3
>VHL-N78Y-v QVIFCNRSPR	114	>VHL-N78Y-n QVIFCYRSPR	44	70
>VHL-N78Y-v QVIFCNRSPR	6	>VHL-N78Y-n QVIFCYRSPR	5	1
>VHL-N78Y-v QVIFCNRS	824	>VHL-N78Y-n QVIFCYRS	294	530
>VHL-N78Y-v QVIFCNRSPR	36	>VHL-N78Y-n QVIFCYRSPR\	28	8
>VHL-N78Y-v QVIFCNRSPR	178	>VHL-N78Y-n QVIFCYRSPR\	152	26
>VHL-N78Y-v QVIFCNRSPR	175	>VHL-N78Y-n QVIFCYRSPR	189	14
>VHL-N78Y-v SQVIFCNR	883	>VHL-N78Y-n SQVIFCYR	162	721
>VHL-N78Y-v SQVIFCNRSP\	1037	>VHL-N78Y-n SQVIFCYRSPF	402	635
>VHL-N78Y-v SQVIFCNR	54	>VHL-N78Y-n SQVIFCYR	15	39
>VHL-N78Y-v SQVIFCNRSP\	47	>VHL-N78Y-n SQVIFCYRSPF	21	26
>VHL-N78Y-v SQVIFCNR	423	>VHL-N78Y-n SQVIFCYR	126	297
>VHL-N78Y-v SQVIFCNRSP\	436	>VHL-N78Y-n SQVIFCYRSPF	316	120
>VHL-N78Y-v SQVIFCNRSP\	301	>VHL-N78Y-n SQVIFCYRSPF	264	37
>VHL-N78Y-v SQVIFCNR	569	>VHL-N78Y-n SQVIFCYR	356	213
>VHL-N78Y-v SQVIFCNR	74	>VHL-N78Y-n SQVIFCYR	18	56
>VHL-N78Y-v SQVIFCNRSP\	150	>VHL-N78Y-n SQVIFCYRSPF	75	75
>VHL-N78Y-v PSQVIFCN	28925	>VHL-N78Y-n PSQVIFCY	392	28533
>VHL-N78Y-v PSQVIFCNR	125	>VHL-N78Y-n PSQVIFCYR	24	101
>VHL-N78Y-v PSQVIFCNR	362	>VHL-N78Y-n PSQVIFCYR	125	237
>VHL-N78Y-v PSQVIFCN	16947	>VHL-N78Y-n PSQVIFCY	476	16471
>VHL-N78Y-v EPSQVIFCNR	355	>VHL-N78Y-n EPSQVIFCYR	120	235
>VHL-N78Y-v EPSQVIFCNR	388	>VHL-N78Y-n EPSQVIFCYR	79	309
>VHL-N78Y-v EPSQVIFCNR	91	>VHL-N78Y-n EPSQVIFCYR	30	61
>VHL-N78Y-v EPSQVIFCN	1938	>VHL-N78Y-n EPSQVIFCY	11	1927
>VHL-N78Y-v EPSQVIFCN	6877	>VHL-N78Y-n EPSQVIFCY	27	6850
>VHL-N78Y-v EPSQVIFCN	24077	>VHL-N78Y-n EPSQVIFCY	26	24051
>VHL-N78Y-v EPSQVIFCN	13737	>VHL-N78Y-n EPSQVIFCY	146	13591
>VHL-N78Y-v EPSQVIFCNR	213	>VHL-N78Y-n EPSQVIFCYR	66	147
>VHL-N78Y-v REPSQVIFCN\	1396	>VHL-N78Y-n REPSQVIFCYF	284	1112
>VHL-N78Y-v REPSQVIFCN	43	>VHL-N78Y-n REPSQVIFCYF	23	20
>VHL-N7D-w ENWDEAEV	419	>VHL-N7D-m EDWDEAEV	2954	2535
>VHL-N7D-w ENWDEAEV	369	>VHL-N7D-m EDWDEAEV	935	566
>VHL-N7D-w ENWDEAEV	6759	>VHL-N7D-m EDWDEAEV	121	6638
>VHL-N7D-w AENWDEAEV	101	>VHL-N7D-m AEDWDEAEV	57	44
>VHL-N7D-w AENWDEAE	455	>VHL-N7D-m AEDWDEAE	2288	1833
>VHL-N7D-w AENWDEAEV	17	>VHL-N7D-m AEDWDEAEV	106	89

>VHL-N7D-w AENWDEAEV	335	>VHL-N7D-m AEDWDEAEV	498	163
>VHL-N7D-w AENWDEAEV	8	>VHL-N7D-m AEDWDEAEV	34	26
>VHL-N7D-w AENWDEAEV	193	>VHL-N7D-m AEDWDEAEV	371	178
>VHL-N7D-w RAENWDEAE	904	>VHL-N7D-m RAEDWDEAE	421	483
>VHL-N7D-w RAENWDEAE	515	>VHL-N7D-m RAEDWDEAE	78	437
>VHL-N7D-w RRAENWDEA	368	>VHL-N7D-m RRAEDWDEA	518	150
>VHL-N7D-w RRAENWDEA	320	>VHL-N7D-m RRAEDWDEA	349	29
>VHL-N7D-w RRAENWDEA	196	>VHL-N7D-m RRAEDWDEA	242	46
>VHL-N7D-w RRAENWDE	40	>VHL-N7D-m RRAEDWDE	59	19
>VHL-N7D-w RRAENWDEA	143	>VHL-N7D-m RRAEDWDEA	150	7
>VHL-N7D-w RRAENWDEA	233	>VHL-N7D-m RRAEDWDEA	333	100
>VHL-N7D-w MPRRAENW	110	>VHL-N7D-m MPRRAEDW	150	40
>VHL-N7D-w MPRRAENWI	37	>VHL-N7D-m MPRRAEDWI	63	26
>VHL-N7D-w MPRRAENWI	280	>VHL-N7D-m MPRRAEDWI	243	37
>VHL-N7D-w MPRRAENW	25	>VHL-N7D-m MPRRAEDW	45	20
>VHL-N7D-w MPRRAENWI	309	>VHL-N7D-m MPRRAEDWI	602	293
>VHL-N7D-w MPRRAENWI	9	>VHL-N7D-m MPRRAEDWI	13	4
>VHL-N7D-w MPRRAENW	21	>VHL-N7D-m MPRRAEDW	25	4
>VHL-N7D-w MPRRAENW	64	>VHL-N7D-m MPRRAEDW	50	14
>VHL-N7T-wi ENWDEAEV	5840	>VHL-N7T-m ETWDEAEV	55	5785
>VHL-N7T-wi ENWDEAEV	9029	>VHL-N7T-m ETWDEAEV	217	8812
>VHL-N7T-wi ENWDEAEV	14464	>VHL-N7T-m ETWDEAEV	268	14196
>VHL-N7T-wi ENWDEAEV	10198	>VHL-N7T-m ETWDEAEV	85	10113
>VHL-N7T-wi ENWDEAEV	419	>VHL-N7T-m ETWDEAEV	8	411
>VHL-N7T-wi ENWDEAEVCG	9125	>VHL-N7T-m ETWDEAEVCG	170	8955
>VHL-N7T-wi ENWDEAEV	369	>VHL-N7T-m ETWDEAEV	4	365
>VHL-N7T-wi ENWDEAEVCG	3634	>VHL-N7T-m ETWDEAEVCG	18	3616
>VHL-N7T-wi AENWDEAEV	101	>VHL-N7T-m AETWDEAEV	43	58
>VHL-N7T-wi AENWDEAE	455	>VHL-N7T-m AETWDEAE	602	147
>VHL-N7T-wi AENWDEAEV	17	>VHL-N7T-m AETWDEAEV	24	7
>VHL-N7T-wi AENWDEAEV	335	>VHL-N7T-m AETWDEAEV	687	352
>VHL-N7T-wi AENWDEAEV	8	>VHL-N7T-m AETWDEAEV	11	3
>VHL-N7T-wi AENWDEAEV	193	>VHL-N7T-m AETWDEAEV	127	66
>VHL-N7T-wi RRAENWDEA	368	>VHL-N7T-m RRAETWDEA	351	17
>VHL-N7T-wi RRAENWDEA	320	>VHL-N7T-m RRAETWDEA	331	11
>VHL-N7T-wi RRAENWDEA	196	>VHL-N7T-m RRAETWDEA	184	12
>VHL-N7T-wi RRAENWDE	40	>VHL-N7T-m RRAETWDE	70	30
>VHL-N7T-wi RRAENWDEA	143	>VHL-N7T-m RRAETWDEA	111	32
>VHL-N7T-wi RRAENWDEA	233	>VHL-N7T-m RRAETWDEA	219	14
>VHL-N7T-wi MPRRAENW	110	>VHL-N7T-m MPRRAETW	45	65
>VHL-N7T-wi MPRRAENWI	37	>VHL-N7T-m MPRRAETWI	32	5
>VHL-N7T-wi MPRRAENW	1261	>VHL-N7T-m MPRRAETW	187	1074
>VHL-N7T-wi MPRRAENWI	280	>VHL-N7T-m MPRRAETWI	248	32

>VHL-N7T-wi MPRRAENW	25	>VHL-N7T-m MPRRAETW	24	1
>VHL-N7T-wi MPRRAENWI	309	>VHL-N7T-m MPRRAETWI	1243	934
>VHL-N7T-wi MPRRAENWI	9	>VHL-N7T-m MPRRAETWI	11	2
>VHL-N7T-wi MPRRAENW	1191	>VHL-N7T-m MPRRAETW	363	828
>VHL-N7T-wi MPRRAENW	21	>VHL-N7T-m MPRRAETW	14	7
>VHL-N7T-wi MPRRAENW	64	>VHL-N7T-m MPRRAETW	37	27
>VHL-N90I-w NFDGEPQPY	338	>VHL-N90I-r IFDGEPQPY	161	177
>VHL-N90I-w LNFDFGEPQ	30336	>VHL-N90I-r LIFDFGEPQ	411	29925
>VHL-N90I-w LNFDFGEPQ\	943	>VHL-N90I-r LIFDFGEPQPY	476	467
>VHL-N90I-w LNFDFGEPQ\	648	>VHL-N90I-r LIFDFGEPQPY	402	246
>VHL-N90I-w LNFDFGEPQ\	165	>VHL-N90I-r LIFDFGEPQPY	55	110
>VHL-N90I-w LNFDFGEPQ\	562	>VHL-N90I-r LIFDFGEPQPY	176	386
>VHL-N90I-w LNFDFGEPQ\	111	>VHL-N90I-r LIFDFGEPQPY	128	17
>VHL-N90I-w LNFDFGEPQ\	1965	>VHL-N90I-r LIFDFGEPQPY	61	1904
>VHL-N90I-w SPRVVLPVWI	19197	>VHL-N90I-r SPRVVLPVWI	215	18982
>VHL-N90I-w WLNDFGEPQ	6209	>VHL-N90I-r WLIFDFGEPQF	301	5908
>VHL-N90I-w WLNDFGEPQ	50	>VHL-N90I-r WLIFDFGEPQF	23	27
>VHL-N90I-w WLNDFGEPQ	54	>VHL-N90I-r WLIFDFGEPQF	52	2
>VHL-N90I-w WLNDFGEPQ	52	>VHL-N90I-r WLIFDFGEPQF	47	5
>VHL-N90I-w WLNDFGEPQ	102	>VHL-N90I-r WLIFDFGEPQF	67	35
>VHL-N90I-w WLNDFGEPQ	90	>VHL-N90I-r WLIFDFGEPQF	71	19
>VHL-N90I-w WLNDFGEPQ	182	>VHL-N90I-r WLIFDFGEPQF	554	372
>VHL-N90I-w VWLNDFGE	227	>VHL-N90I-r VWLIFDFGE	202	25
>VHL-N90I-w VWLNDFGEP	304	>VHL-N90I-r VWLIFDFGEP	290	14
>VHL-N90I-w LPVWLNFDG	285	>VHL-N90I-r LPVWLIFDG	419	134
>VHL-N90I-w LPVWLNFD	106	>VHL-N90I-r LPVWLIFD	135	29
>VHL-N90I-w LPVWLNFDG	251	>VHL-N90I-r LPVWLIFDG	128	123
>VHL-N90I-w LPVWLNFDG	345	>VHL-N90I-r LPVWLIFDGE	232	113
>VHL-N90I-w VLPVWLNF	235	>VHL-N90I-r VLPVWLIF	566	331
>VHL-N90I-w VLPVWLNF	454	>VHL-N90I-r VLPVWLIF	432	22
>VHL-N90I-w VVLPVWLNF	443	>VHL-N90I-r VVLPVWLIF	626	183
>VHL-N90I-w VVLPVWLN	17557	>VHL-N90I-r VVLPVWLI	100	17457
>VHL-N90I-w VVLPVWLN	4420	>VHL-N90I-r VVLPVWLI	10	4410
>VHL-N90I-w VVLPVWLNF	261	>VHL-N90I-r VVLPVWLIF	363	102
>VHL-N90I-w VVLPVWLN	5002	>VHL-N90I-r VVLPVWLI	13	4989
>VHL-N90I-w VVLPVWLN	14325	>VHL-N90I-r VVLPVWLI	42	14283
>VHL-N90I-w VVLPVWLN	21307	>VHL-N90I-r VVLPVWLI	210	21097
>VHL-N90I-w VVLPVWLN	19145	>VHL-N90I-r VVLPVWLI	132	19013
>VHL-N90I-w VVLPVWLN	26572	>VHL-N90I-r VVLPVWLI	491	26081
>VHL-N90I-w VVLPVWLNF	42	>VHL-N90I-r VVLPVWLIF	80	38
>VHL-N90I-w VVLPVWLNF	449	>VHL-N90I-r VVLPVWLIF	385	64
>VHL-N90I-w VVLPVWLNF	190	>VHL-N90I-r VVLPVWLIF	426	236
>VHL-N90I-w VVLPVWLNF	70	>VHL-N90I-r VVLPVWLIF	129	59

>VHL-N90I-w VVLPVWLN	15988	>VHL-N90I-r VVLPVWLI	262	15726
>VHL-N90I-w VVLPVWLNf	461	>VHL-N90I-r VVLPVWLIF	382	79
>VHL-N90I-w VVLPVWLNf	20	>VHL-N90I-r VVLPVWLIF	71	51
>VHL-N90I-w VVLPVWLN	15569	>VHL-N90I-r VVLPVWLI	306	15263
>VHL-N90I-w VVLPVWLNf	399	>VHL-N90I-r VVLPVWLIF	71	328
>VHL-N90I-w VVLPVWLN	37265	>VHL-N90I-r VVLPVWLI	412	36853
>VHL-N90I-w RVVLPVWLN	13120	>VHL-N90I-r RVVLPVWLI	65	13055
>VHL-N90I-w RVVLPVWLN	16830	>VHL-N90I-r RVVLPVWLI	162	16668
>VHL-N90I-w RVVLPVWLN	182	>VHL-N90I-r RVVLPVWLIF	330	148
>VHL-N90I-w RVVLPVWLN	15934	>VHL-N90I-r RVVLPVWLI	250	15684
>VHL-N90I-w RVVLPVWLN	202	>VHL-N90I-r RVVLPVWLIF	253	51
>VHL-N90I-w RVVLPVWLN	16411	>VHL-N90I-r RVVLPVWLI	229	16182
>VHL-N90I-w RVVLPVWLN	355	>VHL-N90I-r RVVLPVWLIF	270	85
>VHL-N90I-w RVVLPVWLN	9	>VHL-N90I-r RVVLPVWLIF	22	13
>VHL-N90I-w RVVLPVWLN	56	>VHL-N90I-r RVVLPVWLIF	33	23
>VHL-N90I-w RVVLPVWLN	230	>VHL-N90I-r RVVLPVWLIF	137	93
>VHL-N90I-w RVVLPVWLN	320	>VHL-N90I-r RVVLPVWLIF	164	156
>VHL-N90I-w PRVVPVWLI	364	>VHL-N90I-r PRVVPVWLI	317	47
>VHL-N90I-w PRVVPVWLI	385	>VHL-N90I-r PRVVPVWLI	270	115
>VHL-N90Y-v NFDGEPQPY	338	>VHL-N90Y-n YFDGEPQPY	51	287
>VHL-N90Y-v NFDGEPQPY	955	>VHL-N90Y-n YFDGEPQPY	220	735
>VHL-N90Y-v NFDGEPQPY	501	>VHL-N90Y-n YFDGEPQPY	90	411
>VHL-N90Y-v NFDGEPQPY	720	>VHL-N90Y-n YFDGEPQPY	162	558
>VHL-N90Y-v LNFDGEPQP\	3910	>VHL-N90Y-n LYFDGEPQPY	276	3634
>VHL-N90Y-v LNFDGEPQP\	943	>VHL-N90Y-n LYFDGEPQPY	40	903
>VHL-N90Y-v LNFDGEPQP\	648	>VHL-N90Y-n LYFDGEPQPY	98	550
>VHL-N90Y-v LNFDGEPQP\	165	>VHL-N90Y-n LYFDGEPQPY	962	797
>VHL-N90Y-v LNFDGEPQP\	111	>VHL-N90Y-n LYFDGEPQPY	259	148
>VHL-N90Y-v SPRVLPVWI	19922	>VHL-N90Y-n SPRVLPVWI	438	19484
>VHL-N90Y-v SPRVLPVWI	15423	>VHL-N90Y-n SPRVLPVWI	372	15051
>VHL-N90Y-v WLNFDGEPQ	4786	>VHL-N90Y-n WLYFDGEPQ	440	4346
>VHL-N90Y-v WLNFDGEPQ	1589	>VHL-N90Y-n WLYFDGEPQ	439	1150
>VHL-N90Y-v WLNFDGEPQ	50	>VHL-N90Y-n WLYFDGEPQ	20	30
>VHL-N90Y-v WLNFDGEPQ	54	>VHL-N90Y-n WLYFDGEPQ	41	13
>VHL-N90Y-v WLNFDGEPQ	52	>VHL-N90Y-n WLYFDGEPQ	18	34
>VHL-N90Y-v WLNFDGEPQ	102	>VHL-N90Y-n WLYFDGEPQ	20	82
>VHL-N90Y-v WLNFDGEPQ	6691	>VHL-N90Y-n WLYFDGEPQ	434	6257
>VHL-N90Y-v WLNFDGEPQ	90	>VHL-N90Y-n WLYFDGEPQ	46	44
>VHL-N90Y-v WLNFDGEPQ	182	>VHL-N90Y-n WLYFDGEPQ	347	165
>VHL-N90Y-v VWLNFDGE	227	>VHL-N90Y-n VWLYFDGE	154	73
>VHL-N90Y-v VWLNFDGEP	304	>VHL-N90Y-n VWLYFDGEP	217	87
>VHL-N90Y-v VWLNFDGEP	635	>VHL-N90Y-n VWLYFDGEP	489	146
>VHL-N90Y-v LPVWLNFDG	285	>VHL-N90Y-n LPVWLYFDG	304	19

>VHL-N90Y-v LPVWLNFD	106	>VHL-N90Y-n LPVWLYFD	60	46
>VHL-N90Y-v LPVWLNFDG	251	>VHL-N90Y-n LPVWLYFDG	62	189
>VHL-N90Y-v LPVWLNFDG	345	>VHL-N90Y-n LPVWLYFDG	159	186
>VHL-N90Y-v VLPVWLNF	1928	>VHL-N90Y-n VLPVWLYF	154	1774
>VHL-N90Y-v VLPVWLNF	235	>VHL-N90Y-n VLPVWLYF	324	89
>VHL-N90Y-v VLPVWLNF	454	>VHL-N90Y-n VLPVWLYF	350	104
>VHL-N90Y-v VLPVWLNF	1059	>VHL-N90Y-n VLPVWLYF	499	560
>VHL-N90Y-v VLPVWLNF	2940	>VHL-N90Y-n VLPVWLYF	461	2479
>VHL-N90Y-v VVLPVWLNF	443	>VHL-N90Y-n VVLPVWLYF	393	50
>VHL-N90Y-v VVLPVWLNF	261	>VHL-N90Y-n VVLPVWLYF	56	205
>VHL-N90Y-v VVLPVWLN	9587	>VHL-N90Y-n VVLPVWLY	69	9518
>VHL-N90Y-v VVLPVWLNF	42	>VHL-N90Y-n VVLPVWLYF	69	27
>VHL-N90Y-v VVLPVWLNF	449	>VHL-N90Y-n VVLPVWLYF	401	48
>VHL-N90Y-v VVLPVWLNF	190	>VHL-N90Y-n VVLPVWLYF	76	114
>VHL-N90Y-v VVLPVWLN	7231	>VHL-N90Y-n VVLPVWLY	7	7224
>VHL-N90Y-v VVLPVWLNF	70	>VHL-N90Y-n VVLPVWLYF	19	51
>VHL-N90Y-v VVLPVWLN	16251	>VHL-N90Y-n VVLPVWLY	57	16194
>VHL-N90Y-v VVLPVWLN	14578	>VHL-N90Y-n VVLPVWLY	9	14569
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>VHL-N90Y-v VVLPVWLNF	20	>VHL-N90Y-n VVLPVWLYF	32	12
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>VHL-N90Y-v VVLPVWLN	15569	>VHL-N90Y-n VVLPVWLY	130	15439
>VHL-N90Y-v VVLPVWLNF	399	>VHL-N90Y-n VVLPVWLYF	118	281
>VHL-N90Y-v RVVLPVWLN	10559	>VHL-N90Y-n RVVLPVWLY	106	10453
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>VHL-N90Y-v RVVLPVWLN	20348	>VHL-N90Y-n RVVLPVWLY	29	20319
>VHL-N90Y-v RVVLPVWLN	182	>VHL-N90Y-n RVVLPVWLYF	122	60
>VHL-N90Y-v RVVLPVWLN	15615	>VHL-N90Y-n RVVLPVWLY	19	15596
>VHL-N90Y-v RVVLPVWLN	17985	>VHL-N90Y-n RVVLPVWLY	231	17754
>VHL-N90Y-v RVVLPVWLN	202	>VHL-N90Y-n RVVLPVWLYF	616	414
>VHL-N90Y-v RVVLPVWLN	16227	>VHL-N90Y-n RVVLPVWLY	6	16221
>VHL-N90Y-v RVVLPVWLN	819	>VHL-N90Y-n RVVLPVWLYF	431	388
>VHL-N90Y-v RVVLPVWLN	355	>VHL-N90Y-n RVVLPVWLYF	375	20
>VHL-N90Y-v RVVLPVWLN	11832	>VHL-N90Y-n RVVLPVWLY	19	11813
>VHL-N90Y-v RVVLPVWLN	9	>VHL-N90Y-n RVVLPVWLYF	11	2
>VHL-N90Y-v RVVLPVWLN	56	>VHL-N90Y-n RVVLPVWLYF	21	35
>VHL-N90Y-v RVVLPVWLN	17835	>VHL-N90Y-n RVVLPVWLY	284	17551
>VHL-N90Y-v RVVLPVWLN	230	>VHL-N90Y-n RVVLPVWLYF	97	133
>VHL-N90Y-v RVVLPVWLN	28461	>VHL-N90Y-n RVVLPVWLY	125	28336
>VHL-N90Y-v RVVLPVWLN	320	>VHL-N90Y-n RVVLPVWLYF	143	177
>VHL-N90Y-v PRVLPVWLI	364	>VHL-N90Y-n PRVLPVWLY	356	8
>VHL-N90Y-v PRVLPVWLI	12004	>VHL-N90Y-n PRVLPVWLY	338	11666



>VHL-N90Y-v PRVVLPVWLI	385	>VHL-N90Y-n PRVVLPVWLI	291	94
>VHL-P102A- PPGTGRIHS	1860	>VHL-P102A- APGTGRIHS	393	1467
>VHL-P102A- PPGTGRI	4260	>VHL-P102A- APGTGRI	127	4133
>VHL-P102A- PPGTGRIHS	3195	>VHL-P102A- APGTGRIHS	289	2906
>VHL-P102A- LPPGTGRI	158	>VHL-P102A- LAPGTGRI	9873	9715
>VHL-P102A- LPPGTGRI	3085	>VHL-P102A- LAPGTGRI	309	2776
>VHL-P102A- TLPPGTGRI	1407	>VHL-P102A- TLAPGTGRI	373	1034
>VHL-P102A- TLPPGTGRI	214	>VHL-P102A- TLAPGTGRI	122	92
>VHL-P102A- TLPPGTGRI	83	>VHL-P102A- TLAPGTGRI	27	56
>VHL-P102A- TLPPGTGRR	3801	>VHL-P102A- TLAPGTGRR	451	3350
>VHL-P102A- TLPPGTGR	892	>VHL-P102A- TLAPGTGR	99	793
>VHL-P102A- TLPPGTGRR	1209	>VHL-P102A- TLAPGTGRR	153	1056
>VHL-P102A- PTLPPGTGRR	139	>VHL-P102A- PTLAPGTGRR	460	321
>VHL-P102A- YPTLPPGTGR	474	>VHL-P102A- YPTLAPGTGR	554	80
>VHL-P102A- YPTLPPGT	1028	>VHL-P102A- YPTLAPGT	401	627
>VHL-P102A- YPTLPPGTG	1469	>VHL-P102A- YPTLAPGTG	324	1145
>VHL-P102A- YPTLPPGT	313	>VHL-P102A- YPTLAPGT	397	84
>VHL-P102A- YPTLPPGTG	410	>VHL-P102A- YPTLAPGTG	581	171
>VHL-P102A- PYPTLPPGTG	66	>VHL-P102A- PYPTLAPGTG	65	1
>VHL-P102A- QPYPTLPPG	497	>VHL-P102A- QPYPTLAPG	359	138
>VHL-P102A- QPYPTLPPG	159	>VHL-P102A- QPYPTLAPG	229	70
>VHL-P102A- GEPQPYPTLP	3347	>VHL-P102A- GEPQPYPTLA	235	3112
>VHL-P138R- PSLNVDGQPI	11161	>VHL-P138R- RSLNVDGQPI	242	10919
>VHL-P138R- PSLNVDGQPI	5584	>VHL-P138R- RSLNVDGQPI	56	5528
>VHL-P138R- PSLNVDGQPI	7893	>VHL-P138R- RSLNVDGQPI	101	7792
>VHL-P138R- PSLNVDGQPI	4140	>VHL-P138R- RSLNVDGQPI	362	3778
>VHL-P138R- PSLNVDGQPI	957	>VHL-P138R- RSLNVDGQPI	37	920
>VHL-P138R- PSLNVDGQPI	14746	>VHL-P138R- RSLNVDGQPI	32	14714
>VHL-P138R- PSLNVDGQPI	2199	>VHL-P138R- RSLNVDGQPI	6	2193
>VHL-P138R- PSLNVDGQPI	15758	>VHL-P138R- RSLNVDGQPI	336	15422
>VHL-P138R- PSLNVDGQPI	16178	>VHL-P138R- RSLNVDGQPI	278	15900
>VHL-P138R- PSLNVDGQPI	4771	>VHL-P138R- RSLNVDGQPI	13	4758
>VHL-P138R- PSLNVDGQPI	2357	>VHL-P138R- RSLNVDGQPI	15	2342
>VHL-P138R- VPSLNVDGQI	124	>VHL-P138R- VRSLNVDGQI	25304	25180
>VHL-P138R- VPSLNVDGQI	412	>VHL-P138R- VRSLNVDGQI	22523	22111
>VHL-P138R- LLVNQTELFV	20079	>VHL-P138R- LLVNQTELFV	141	19938
>VHL-P138R- LLVNQTELFV	35513	>VHL-P138R- LLVNQTELFV	172	35341
>VHL-P138R- LFPVPSLNV	352	>VHL-P138R- LFPVPSLNV	1008	656
>VHL-P138R- LFPVPSLNV	483	>VHL-P138R- LFPVPSLNV	1556	1073
>VHL-P138R- ELFPVPSLNV	336	>VHL-P138R- ELFPVPSLNV	173	163
>VHL-P138R- ELFPVPSLNV	565	>VHL-P138R- ELFPVPSLNV	268	297
>VHL-P138R- ELFPVPSLNV	10	>VHL-P138R- ELFPVPSLNV	32	22
>VHL-P138R- ELFPVPSLNV	173	>VHL-P138R- ELFPVPSLNV	200	27

>VHL-P138R-ELFVPSLNV	16	>VHL-P138R-ELFVRSLNV	15	1
>VHL-P138R-ELFVPSLNV	29	>VHL-P138R-ELFVRSLNV	69	40
>VHL-P138R-ELFVPSLNV	12	>VHL-P138R-ELFVRSLNV	11	1
>VHL-P138R-ELFVPSLNV	31	>VHL-P138R-ELFVRSLNV	237	206
>VHL-P138R-ELFVPSLNV	8	>VHL-P138R-ELFVRSLNV	61	53
>VHL-P138R-ELFVPSLNV	16239	>VHL-P138R-ELFVRSLNV	424	15815
>VHL-P138R-TELFVPSL	46	>VHL-P138R-TELFVRSL	9	37
>VHL-P138R-TELFVPSL	98	>VHL-P138R-TELFVRSL	62	36
>VHL-P138R-TELFVPSL	471	>VHL-P138R-TELFVRSL	1601	1130
>VHL-P138R-TELFVPSL	54	>VHL-P138R-TELFVRSL	91	37
>VHL-P138R-TELFVPSL	49	>VHL-P138R-TELFVRSL	49	0
>VHL-P138R-TELFVPSLNV	352	>VHL-P138R-TELFVRSLNV	261	91
>VHL-P138R-TELFVPSL	491	>VHL-P138R-TELFVRSL	775	284
>VHL-P138R-TELFVPSL	724	>VHL-P138R-TELFVRSL	277	447
>VHL-P138R-TELFVPSLNV	129	>VHL-P138R-TELFVRSLNV	469	340
>VHL-P138R-QTELFVPSL	513	>VHL-P138R-QTELFVRSL	427	86
>VHL-P138R-QTELFVPSL	386	>VHL-P138R-QTELFVRSL	5410	5024
>VHL-P138R-QTELFVPSLN'	74	>VHL-P138R-QTELFVRSLN'	523	449
>VHL-P138R-QTELFVPSL	59	>VHL-P138R-QTELFVRSL	141	82
>VHL-P138R-QTELFVPSL	80	>VHL-P138R-QTELFVRSL	345	265
>VHL-P138R-NQTELFVPS	68	>VHL-P138R-NQTELFVRS	730	662
>VHL-P138R-NQTELFVPSL	231	>VHL-P138R-NQTELFVRSL	1437	1206
>VHL-P138R-NQTELFVP	19672	>VHL-P138R-NQTELFVR	267	19405
>VHL-P138R-NQTELFVP	37428	>VHL-P138R-NQTELFVR	467	36961
>VHL-P138R-NQTELFVP	39660	>VHL-P138R-NQTELFVR	446	39214
>VHL-P138R-NQTELFVPSL	316	>VHL-P138R-NQTELFVRSL	536	220
>VHL-P138R-NQTELFVPSL	42	>VHL-P138R-NQTELFVRSL	167	125
>VHL-P138R-NQTELFVP	34959	>VHL-P138R-NQTELFVR	255	34704
>VHL-P138R-LVNQTELFVP	29512	>VHL-P138R-LVNQTELFVR	426	29086
>VHL-P138R-LVNQTELFVP	29958	>VHL-P138R-LVNQTELFVR	170	29788
>VHL-P138R-LVNQTELFVP	33478	>VHL-P138R-LVNQTELFVR	152	33326
>VHL-P146A-PIFANITL	5223	>VHL-P146A-AIFANITL	71	5152
>VHL-P146A-PIFANITLPV	1013	>VHL-P146A-AIFANITLPV	35	978
>VHL-P146A-PIFANITL	1078	>VHL-P146A-AIFANITL	60	1018
>VHL-P146A-PIFANITLPV	393	>VHL-P146A-AIFANITLPV	24	369
>VHL-P146A-PIFANITL	3449	>VHL-P146A-AIFANITL	124	3325
>VHL-P146A-PIFANITLPV	79	>VHL-P146A-AIFANITLPV	9	70
>VHL-P146A-PIFANITL	3210	>VHL-P146A-AIFANITL	65	3145
>VHL-P146A-PIFANITLPV	1597	>VHL-P146A-AIFANITLPV	56	1541
>VHL-P146A-PIFANITL	323	>VHL-P146A-AIFANITL	16	307
>VHL-P146A-PIFANITLPV	21	>VHL-P146A-AIFANITLPV	3	18
>VHL-P146A-PIFANITL	5155	>VHL-P146A-AIFANITL	200	4955
>VHL-P146A-PIFANITLPV	1071	>VHL-P146A-AIFANITLPV	18	1053

>VHL-P146A- PIFANITL	2614	>VHL-P146A- AIFANITL	84	2530
>VHL-P146A- PIFANITLPV	76	>VHL-P146A- AIFANITLPV	9	67
>VHL-P146A- PIFANITLPV	610	>VHL-P146A- AIFANITLPV	81	529
>VHL-P146A- PIFANITL	341	>VHL-P146A- AIFANITL	11	330
>VHL-P146A- PIFANITLPV	25	>VHL-P146A- AIFANITLPV	3	22
>VHL-P146A- PIFANITLPVY	5271	>VHL-P146A- AIFANITLPVY	280	4991
>VHL-P146A- PIFANITLPVY	9647	>VHL-P146A- AIFANITLPVY	127	9520
>VHL-P146A- PIFANITLPVY	1082	>VHL-P146A- AIFANITLPVY	232	850
>VHL-P146A- PIFANITLPVY	135	>VHL-P146A- AIFANITLPVY	96	39
>VHL-P146A- PIFANITLPV	4407	>VHL-P146A- AIFANITLPV	224	4183
>VHL-P146A- PIFANITLPVY	195	>VHL-P146A- AIFANITLPVY	38	157
>VHL-P146A- PIFANITL	336	>VHL-P146A- AIFANITL	22	314
>VHL-P146A- PIFANITLPV	820	>VHL-P146A- AIFANITLPV	80	740
>VHL-P146A- PIFANITLPV	627	>VHL-P146A- AIFANITLPV	70	557
>VHL-P146A- PIFANITLPV	218	>VHL-P146A- AIFANITLPV	60	158
>VHL-P146A- PIFANITLPVY	914	>VHL-P146A- AIFANITLPVY	73	841
>VHL-P146A- PIFANITLPVY	1841	>VHL-P146A- AIFANITLPVY	431	1410
>VHL-P146A- PIFANITL	5034	>VHL-P146A- AIFANITL	373	4661
>VHL-P146A- PIFANITLPV	4439	>VHL-P146A- AIFANITLPV	366	4073
>VHL-P146A- PIFANITLPVY	1193	>VHL-P146A- AIFANITLPVY	80	1113
>VHL-P146A- PIFANITLPVY	8768	>VHL-P146A- AIFANITLPVY	60	8708
>VHL-P146A- PIFANITLPVY	7650	>VHL-P146A- AIFANITLPVY	481	7169
>VHL-P146A- PIFANITLPVY	4161	>VHL-P146A- AIFANITLPVY	406	3755
>VHL-P146A- QPIFANITL	10	>VHL-P146A- QAIFANITL	15837	15827
>VHL-P146A- QPIFANITLPV	6673	>VHL-P146A- QAIFANITLPV	71	6602
>VHL-P146A- QPIFANITL	6256	>VHL-P146A- QAIFANITL	121	6135
>VHL-P146A- QPIFANITLPV	151	>VHL-P146A- QAIFANITLPV	9	142
>VHL-P146A- QPIFANITLPV	72	>VHL-P146A- QAIFANITLPV	15	57
>VHL-P146A- QPIFANITL	393	>VHL-P146A- QAIFANITL	19522	19129
>VHL-P146A- QPIFANITLPV	157	>VHL-P146A- QAIFANITLPV	15547	15390
>VHL-P146A- QPIFANITL	17222	>VHL-P146A- QAIFANITL	112	17110
>VHL-P146A- QPIFANITL	51	>VHL-P146A- QAIFANITL	214	163
>VHL-P146A- QPIFANITLPV	148	>VHL-P146A- QAIFANITLPV	1070	922
>VHL-P146A- QPIFANITL	118	>VHL-P146A- QAIFANITL	1759	1641
>VHL-P146A- QPIFANITL	373	>VHL-P146A- QAIFANITL	6225	5852
>VHL-P146A- QPIFANITLPV	204	>VHL-P146A- QAIFANITLPV	12012	11808
>VHL-P146A- FVPSLNVDGC	11950	>VHL-P146A- FVPSLNVDGC	67	11883
>VHL-P146A- GQPIFANI	412	>VHL-P146A- GQAIFANI	3530	3118
>VHL-P146A- GQPIFANI	2248	>VHL-P146A- GQAIFANI	124	2124
>VHL-P146A- GQPIFANITL	236	>VHL-P146A- GQAIFANITL	80	156
>VHL-P146A- GQPIFANI	1359	>VHL-P146A- GQAIFANI	264	1095
>VHL-P146A- GQPIFANI	241	>VHL-P146A- GQAIFANI	85	156
>VHL-P146A- GQPIFANITL	430	>VHL-P146A- GQAIFANITL	436	6

>VHL-P146A-GQPIFANITL	1726	>VHL-P146A-GQAIFANITL	278	1448
>VHL-P146A-GQPIFANITL	3910	>VHL-P146A-GQAIFANITL	157	3753
>VHL-P146A-GQPIFANITL	547	>VHL-P146A-GQAIFANITL	457	90
>VHL-P146A-VDGQPIFANI	444	>VHL-P146A-VDGQAIFANI	223	221
>VHL-P146A-NVDGQPIFAI	756	>VHL-P146A-NVDGQAIFAI	447	309
>VHL-P146A-NVDGQPIFAI	253	>VHL-P146A-NVDGQAIFAI	232	21
>VHL-P146A-NVDGQPIFA	817	>VHL-P146A-NVDGQAIFA	395	422
>VHL-P146A-NVDGQPIFAI	61	>VHL-P146A-NVDGQAIFAI	40	21
>VHL-P146A-LNVDGQPIF	423	>VHL-P146A-LNVDGQAIF	509	86
>VHL-P146A-SLNVDGQPI	169	>VHL-P146A-SLNVDGQAI	214	45
>VHL-P146A-SLNVDGQPIF	120	>VHL-P146A-SLNVDGQAIF	131	11
>VHL-P146A-SLNVDGQP	15682	>VHL-P146A-SLNVDGQA	147	15535
>VHL-P146A-SLNVDGQPI	47	>VHL-P146A-SLNVDGQAI	79	32
>VHL-P146A-SLNVDGQPIF	71	>VHL-P146A-SLNVDGQAIF	97	26
>VHL-P146A-SLNVDGQP	15263	>VHL-P146A-SLNVDGQA	354	14909
>VHL-P146A-SLNVDGQPI	44	>VHL-P146A-SLNVDGQAI	47	3
>VHL-P146A-SLNVDGQPIF	58	>VHL-P146A-SLNVDGQAIF	92	34
>VHL-P146A-SLNVDGQPI	49	>VHL-P146A-SLNVDGQAI	50	1
>VHL-P146A-SLNVDGQPIF	235	>VHL-P146A-SLNVDGQAIF	261	26
>VHL-P146A-SLNVDGQP	15295	>VHL-P146A-SLNVDGQA	196	15099
>VHL-P146A-SLNVDGQPI	54	>VHL-P146A-SLNVDGQAI	132	78
>VHL-P146A-SLNVDGQPIF	29	>VHL-P146A-SLNVDGQAIF	36	7
>VHL-P146A-SLNVDGQP	16851	>VHL-P146A-SLNVDGQA	99	16752
>VHL-P146A-SLNVDGQPI	53	>VHL-P146A-SLNVDGQAI	61	8
>VHL-P146A-SLNVDGQPIF	42	>VHL-P146A-SLNVDGQAIF	37	5
>VHL-P146A-SLNVDGQPIF	186	>VHL-P146A-SLNVDGQAIF	126	60
>VHL-P146A-SLNVDGQPIF	261	>VHL-P146A-SLNVDGQAIF	113	148
>VHL-P146A-SLNVDGQPIF	93	>VHL-P146A-SLNVDGQAIF	102	9
>VHL-P146A-SLNVDGQPIF	1071	>VHL-P146A-SLNVDGQAIF	492	579
>VHL-P146A-VPSLNVDGQI	124	>VHL-P146A-VPSLNVDGQI	142	18
>VHL-P146A-VPSLNVDGQI	412	>VHL-P146A-VPSLNVDGQI	474	62
>VHL-P146A-VPSLNVDGQI	6497	>VHL-P146A-VPSLNVDGQI	111	6386
>VHL-P154L-PVYTLKER	1246	>VHL-P154L-LVYTLKER	40	1206
>VHL-P154L-PVYTLKER	1408	>VHL-P154L-LVYTLKER	60	1348
>VHL-P154L-PVYTLKER	616	>VHL-P154L-LVYTLKER	372	244
>VHL-P154L-LPVYTLKERC	37619	>VHL-P154L-LLVYTLKERC	483	37136
>VHL-P154L-LPVYTLKERCL	35530	>VHL-P154L-LLVYTLKERCL	181	35349
>VHL-P154L-LPVYTLKER	8396	>VHL-P154L-LLVYTLKER	442	7954
>VHL-P154L-LPVYTLKERCL	224	>VHL-P154L-LLVYTLKERCL	19629	19405
>VHL-P154L-LPVYTLKER	488	>VHL-P154L-LLVYTLKER	30756	30268
>VHL-P154L-LPVYTLKERC	337	>VHL-P154L-LLVYTLKERC	32084	31747
>VHL-P154L-GQPIFANITLF	12660	>VHL-P154L-GQPIFANITLL	202	12458
>VHL-P154L-GQPIFANITLF	17020	>VHL-P154L-GQPIFANITLL	313	16707

>VHL-P154L- GQPIFANITLF	16824	>VHL-P154L- GQPIFANITLL	120	16704
>VHL-P154L- GQPIFANITLF	14852	>VHL-P154L- GQPIFANITLL	97	14755
>VHL-P154L- TLPVYTLKERC	3353	>VHL-P154L- TLLVYTLKERC	480	2873
>VHL-P154L- TLPVYTLKERC	1195	>VHL-P154L- TLLVYTLKERC	474	721
>VHL-P154L- TLPVYTLK	146	>VHL-P154L- TLLVYTLK	57	89
>VHL-P154L- TLPVYTLK	148	>VHL-P154L- TLLVYTLK	21	127
>VHL-P154L- TLPVYTLK	3179	>VHL-P154L- TLLVYTLK	427	2752
>VHL-P154L- TLPVYTLKER	774	>VHL-P154L- TLLVYTLKER	260	514
>VHL-P154L- TLPVYTLK	438	>VHL-P154L- TLLVYTLK	295	143
>VHL-P154L- TLPVYTLKER	247	>VHL-P154L- TLLVYTLKER	522	275
>VHL-P154L- TLPVYTLKER	725	>VHL-P154L- TLLVYTLKER	400	325
>VHL-P154L- ITLPVYTL	202	>VHL-P154L- ITLLVYTL	55	147
>VHL-P154L- ITLPVYTL	273	>VHL-P154L- ITLLVYTL	619	346
>VHL-P154L- ITLPVYTL	54	>VHL-P154L- ITLLVYTL	259	205
>VHL-P154L- ITLPVYTL	21	>VHL-P154L- ITLLVYTL	111	90
>VHL-P154L- ITLPVYTL	408	>VHL-P154L- ITLLVYTL	1041	633
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>VHL-P154L- ITLPVYTLK	50	>VHL-P154L- ITLLVYTLK	73	23
>VHL-P154L- ITLPVYTLK	9	>VHL-P154L- ITLLVYTLK	12	3
>VHL-P154L- ITLPVYTLKER	348	>VHL-P154L- ITLLVYTLKER	673	325
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>VHL-P154L- ITLPVYTLK	30	>VHL-P154L- ITLLVYTLK	72	42
>VHL-P154L- ITLPVYTLKER	20	>VHL-P154L- ITLLVYTLKER	27	7
>VHL-P154L- ITLPVYTL	68	>VHL-P154L- ITLLVYTL	51	17
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>VHL-P154L- ITLPVYTLKER	115	>VHL-P154L- ITLLVYTLKER	72	43
>VHL-P154L- ITLPVYTLK	21	>VHL-P154L- ITLLVYTLK	27	6
>VHL-P154L- ITLPVYTLKER	40	>VHL-P154L- ITLLVYTLKER	61	21
>VHL-P154L- ITLPVYTL	248	>VHL-P154L- ITLLVYTL	1025	777
>VHL-P154L- ITLPVYTL	263	>VHL-P154L- ITLLVYTL	714	451
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>VHL-P154L- ITLPVYTL	185	>VHL-P154L- ITLLVYTL	1004	819
>VHL-P154L- ITLPVYTL	70	>VHL-P154L- ITLLVYTL	316	246
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>VHL-P154L- ITLPVYTLKER	394	>VHL-P154L- ITLLVYTLKER	782	388
>VHL-P154L- ITLPVYTL	96	>VHL-P154L- ITLLVYTL	841	745
>VHL-P154L- NITLPVYTL	1345	>VHL-P154L- NITLLVYTL	434	911
>VHL-P154L- NITLPVYTLK	194	>VHL-P154L- NITLLVYTLK	237	43
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>VHL-P154L- NITLPVYTL	1590	>VHL-P154L- NITLLVYTL	469	1121
>VHL-P154L- NITLPVYTLK	24	>VHL-P154L- NITLLVYTLK	25	1
>VHL-P154L- NITLPVYTL	70	>VHL-P154L- NITLLVYTL	124	54

>VHL-P154L- ANITLPVYTL	411	>VHL-P154L- ANITLLVYTL	442	31
>VHL-P154L- ANITLPVYTLK	232	>VHL-P154L- ANITLLVYTLK	229	3
>VHL-P154L- ANITLPVY	253	>VHL-P154L- ANITLLVY	293	40
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>VHL-P154L- ANITLPVY	453	>VHL-P154L- ANITLLVY	926	473
>VHL-P154L- ANITLPVY	845	>VHL-P154L- ANITLLVY	437	408
>VHL-P154L- ANITLPVY	481	>VHL-P154L- ANITLLVY	503	22
>VHL-P154L- FANITLPVYTL	351	>VHL-P154L- FANITLLVYTL	238	113
>VHL-P154L- FANITLPVY	3654	>VHL-P154L- FANITLLVY	176	3478
>VHL-P154L- FANITLPV	136	>VHL-P154L- FANITLLV	244	108
>VHL-P154L- FANITLPV	82	>VHL-P154L- FANITLLV	73	9
>VHL-P154L- FANITLPVYTL	156	>VHL-P154L- FANITLLVYTL	117	39
>VHL-P154L- FANITLPV	19	>VHL-P154L- FANITLLV	38	19
>VHL-P154L- FANITLPVYT	585	>VHL-P154L- FANITLLVYT	476	109
>VHL-P154L- FANITLPVYTL	482	>VHL-P154L- FANITLLVYTL	389	93
>VHL-P154L- FANITLPV	12	>VHL-P154L- FANITLLV	27	15
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>VHL-P154L- FANITLPV	31	>VHL-P154L- FANITLLV	63	32
>VHL-P154L- FANITLPVYTL	87	>VHL-P154L- FANITLLVYTL	142	55
>VHL-P154L- FANITLPV	114	>VHL-P154L- FANITLLV	216	102
>VHL-P154L- FANITLPV	25	>VHL-P154L- FANITLLV	28	3
>VHL-P154L- FANITLPVYTL	407	>VHL-P154L- FANITLLVYTL	581	174
>VHL-P154L- FANITLPVY	243	>VHL-P154L- FANITLLVY	38	205
>VHL-P154L- FANITLPVY	71	>VHL-P154L- FANITLLVY	468	397
>VHL-P154L- FANITLPV	96	>VHL-P154L- FANITLLV	202	106
>VHL-P154L- FANITLPV	24	>VHL-P154L- FANITLLV	90	66
>VHL-P154L- FANITLPVYTL	413	>VHL-P154L- FANITLLVYTL	873	460
>VHL-P154L- FANITLPVY	6439	>VHL-P154L- FANITLLVY	149	6290
>VHL-P154L- FANITLPVY	114	>VHL-P154L- FANITLLVY	82	32
>VHL-P154L- FANITLPVY	170	>VHL-P154L- FANITLLVY	126	44
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>VHL-P154L- FANITLPVYTL	278	>VHL-P154L- FANITLLVYTL	225	53
>VHL-P154L- FANITLPVY	375	>VHL-P154L- FANITLLVY	117	258
>VHL-P154L- FANITLPVY	134	>VHL-P154L- FANITLLVY	77	57
>VHL-P154L- FANITLPVYTL	160	>VHL-P154L- FANITLLVYTL	89	71
>VHL-P154L- FANITLPV	89	>VHL-P154L- FANITLLV	308	219
>VHL-P154L- FANITLPVY	103	>VHL-P154L- FANITLLVY	46	57
>VHL-P154L- FANITLPVYTL	603	>VHL-P154L- FANITLLVYTL	257	346
>VHL-P154L- FANITLPVYTL	310	>VHL-P154L- FANITLLVYTL	416	106
>VHL-P154L- FANITLPVY	1484	>VHL-P154L- FANITLLVY	433	1051

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>VHL-P154L- IFANITLPVY	52	>VHL-P154L- IFANITLLVY	23	29
>VHL-P154L- IFANITLPVY	87	>VHL-P154L- IFANITLLVY	184	97
>VHL-P154L- IFANITLPVY	137	>VHL-P154L- IFANITLLVY	9	128
>VHL-P154L- PIFANITLP	9732	>VHL-P154L- PIFANITLL	233	9499
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>VHL-P154L- PIFANITLPV	79	>VHL-P154L- PIFANITLLV	128	49
>VHL-P154L- PIFANITLP	21342	>VHL-P154L- PIFANITLL	359	20983
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>VHL-P154L- PIFANITLPV	76	>VHL-P154L- PIFANITLLV	122	46
>VHL-P154L- PIFANITLP	28155	>VHL-P154L- PIFANITLL	144	28011
>VHL-P154L- PIFANITLPV	25	>VHL-P154L- PIFANITLLV	25	0
>VHL-P154L- PIFANITLPVY	135	>VHL-P154L- PIFANITLLVY	44	91
>VHL-P154L- PIFANITLPVY	195	>VHL-P154L- PIFANITLLVY	592	397
>VHL-P154L- PIFANITLPV	218	>VHL-P154L- PIFANITLLV	1019	801
>VHL-P154L- PIFANITLPVY	5003	>VHL-P154L- PIFANITLLVY	415	4588
>VHL-P154L- PIFANITLPVY	687	>VHL-P154L- PIFANITLLVY	323	364
>VHL-P154L- QPIFANITLPV	151	>VHL-P154L- QPIFANITLLV	466	315
>VHL-P154L- QPIFANITLPV	72	>VHL-P154L- QPIFANITLLV	262	190
>VHL-P154L- QPIFANITLP	9888	>VHL-P154L- QPIFANITLL	118	9770
>VHL-P154L- QPIFANITLPV	157	>VHL-P154L- QPIFANITLLV	2965	2808
>VHL-P154L- QPIFANITLPV	148	>VHL-P154L- QPIFANITLLV	1305	1157
>VHL-P154L- QPIFANITLPV	204	>VHL-P154L- QPIFANITLLV	491	287
>VHL-P192L- HPNVQKDLEI	28513	>VHL-P192L- HLNQKDF	53	28460
>VHL-P192L- HPNVQKDLEI	30113	>VHL-P192L- HLNQKDF	450	29663
>VHL-P192L- HPNVQKDL	35910	>VHL-P192L- HLNQKDL	163	35747
>VHL-P192L- HPNVQKDLEI	33952	>VHL-P192L- HLNQKDF	36	33916
>VHL-P192L- HPNVQKDL	401	>VHL-P192L- HLNQKDL	24797	24396
>VHL-P192L- HPNVQKDLEI	230	>VHL-P192L- HLNQKDF	26680	26450
>VHL-P192L- HPNVQKDLEI	1343	>VHL-P192L- HLNQKDF	336	1007
>VHL-P192L- RSLYEDLEDH	13713	>VHL-P192L- RSLYEDLEDH	22	13691
>VHL-P192L- RSLYEDLEDH	12084	>VHL-P192L- RSLYEDLEDH	126	11958
>VHL-P192L- RSLYEDLEDH	21299	>VHL-P192L- RSLYEDLEDH	204	21095
>VHL-P192L- LEDHPNVQKI	1765	>VHL-P192L- LEDHLNVQKI	301	1464
>VHL-P192L- LEDHPNVQKI	144	>VHL-P192L- LEDHLNVQKI	138	6
>VHL-P192L- DLEDHPNV	227	>VHL-P192L- DLEDHLNV	361	134
>VHL-P192L- DLEDHPNV	14	>VHL-P192L- DLEDHLNV	12	2
>VHL-P192L- DLEDHPNV	378	>VHL-P192L- DLEDHLNV	479	101
>VHL-P192L- EDLEDHPNV	25	>VHL-P192L- EDLEDHLNV	116	91

>VHL-P192L-YEDLEDHP	4981	>VHL-P192L-YEDLEDHL	172	4809
>VHL-P192L-YEDLEDHP	9252	>VHL-P192L-YEDLEDHL	51	9201
>VHL-P192L-LYEDLEDHPN	331	>VHL-P192L-LYEDLEDHLN	725	394
>VHL-P192L-LYEDLEDHP	10806	>VHL-P192L-LYEDLEDHL	65	10741
>VHL-P192L-SLYEDLEDHP	4408	>VHL-P192L-SLYEDLEDHL	57	4351
>VHL-P192L-SLYEDLEDHP	2348	>VHL-P192L-SLYEDLEDHL	10	2338
>VHL-P192L-SLYEDLEDHP	9789	>VHL-P192L-SLYEDLEDHL	139	9650
>VHL-P192L-SLYEDLEDHP	12405	>VHL-P192L-SLYEDLEDHL	219	12186
>VHL-P192L-SLYEDLEDHP	652	>VHL-P192L-SLYEDLEDHL	3	649
>VHL-P192L-SLYEDLEDHP	208	>VHL-P192L-SLYEDLEDHLI	354	146
>VHL-P192L-SLYEDLEDHP	3703	>VHL-P192L-SLYEDLEDHL	7	3696
>VHL-P192L-SLYEDLEDHP	663	>VHL-P192L-SLYEDLEDHL	5	658
>VHL-P192L-SLYEDLEDHP	20774	>VHL-P192L-SLYEDLEDHL	148	20626
>VHL-P192L-SLYEDLEDHP	3335	>VHL-P192L-SLYEDLEDHL	4	3331
>VHL-P192S-HPNVQKDL	401	>VHL-P192S-HSNVQKDL	26807	26406
>VHL-P192S-HPNVQKDLEI	24279	>VHL-P192S-HSNVQKDLEI	415	23864
>VHL-P192S-HPNVQKDLEI	230	>VHL-P192S-HSNVQKDLEI	16915	16685
>VHL-P192S-EDHPNVQK	1414	>VHL-P192S-EDHSNVQK	498	916
>VHL-P192S-LEDHPNVQKI	1765	>VHL-P192S-LEDHSNVQKI	406	1359
>VHL-P192S-LEDHPNVQKI	144	>VHL-P192S-LEDHSNVQKI	107	37
>VHL-P192S-DLEDHPNV	227	>VHL-P192S-DLEDHSNV	505	278
>VHL-P192S-DLEDHPNV	14	>VHL-P192S-DLEDHSNV	12	2
>VHL-P192S-DLEDHPNV	378	>VHL-P192S-DLEDHSNV	571	193
>VHL-P192S-EDLEDHPNV	25	>VHL-P192S-EDLEDHSNV	160	135
>VHL-P192S-LYEDLEDHPN	331	>VHL-P192S-LYEDLEDHSN	553	222
>VHL-P192S-SLYEDLEDHP	652	>VHL-P192S-SLYEDLEDHS	91	561
>VHL-P192S-SLYEDLEDHP	208	>VHL-P192S-SLYEDLEDHSI	213	5
>VHL-P192S-SLYEDLEDHP	663	>VHL-P192S-SLYEDLEDHS	103	560
>VHL-P192S-SLYEDLEDHP	3335	>VHL-P192S-SLYEDLEDHS	364	2971
>VHL-P192S-SLYEDLEDHP	813	>VHL-P192S-SLYEDLEDHSI	388	425
>VHL-P25L-w AEEAGVEEYC	1915	>VHL-P25L-r AEEAGVEEYC	18	1897
>VHL-P25L-w AEEAGVEEYC	8579	>VHL-P25L-r AEEAGVEEYC	287	8292
>VHL-P25L-w AEEAGVEEYC	639	>VHL-P25L-r AEEAGVEEYC	130	509
>VHL-P25L-w AEEAGVEEYC	4314	>VHL-P25L-r AEEAGVEEYC	45	4269
>VHL-P25L-w EEAGVEEYGP	4564	>VHL-P25L-r EEAGVEEYGL	479	4085
>VHL-P25L-w EEAGVEEYGP	22483	>VHL-P25L-r EEAGVEEYGL	243	22240
>VHL-P25S-w PEEDGGEESC	9339	>VHL-P25S-r SEEDGGEESG	358	8981
>VHL-P25S-w PEEDGGEESC	3018	>VHL-P25S-r SEEDGGEESG	91	2927
>VHL-P25S-w AEEAGVEEYC	639	>VHL-P25S-r AEEAGVEEYC	68	571
>VHL-P40S-w PEESGPEEL	231	>VHL-P40S-r SEESGPEEL	31	200
>VHL-P40S-w PEESGPEELG	7723	>VHL-P40S-r SEESGPEELG	327	7396
>VHL-P40S-w PEESGPEELG	2969	>VHL-P40S-r SEESGPEELG	74	2895
>VHL-P40S-w PEESGPEEL	4113	>VHL-P40S-r SEESGPEEL	436	3677



>VHL-P40S- $\nu$ GPEESGPEEL	22568	>VHL-P40S- $\eta$ GSEESGPEEL	269	22299
>VHL-P40S- $\nu$ EESGPEES	259	>VHL-P40S- $\eta$ EESGSEES	144	115
>VHL-P40S- $\nu$ AEESGPEES	279	>VHL-P40S- $\eta$ AEESGSEES	142	137
>VHL-P40S- $\nu$ AEESGPEESG	136	>VHL-P40S- $\eta$ AEESGSEESG	145	9
>VHL-P81S- $\nu$ PRVVLPVWLI	364	>VHL-P81S- $\eta$ SRVVLPVWLI	84	280
>VHL-P81S- $\nu$ PRVVLPVWL	1731	>VHL-P81S- $\eta$ SRVVLPVWL	189	1542
>VHL-P81S- $\nu$ PRVVLPVWLI	1210	>VHL-P81S- $\eta$ SRVVLPVWLI	110	1100
>VHL-P81S- $\nu$ PRVVLPVWL	6039	>VHL-P81S- $\eta$ SRVVLPVWL	351	5688
>VHL-P81S- $\nu$ PRVVLPVWL	738	>VHL-P81S- $\eta$ SRVVLPVWL	98	640
>VHL-P81S- $\nu$ PRVVLPVWLI	1694	>VHL-P81S- $\eta$ SRVVLPVWLI	277	1417
>VHL-P81S- $\nu$ PRVVLPVWL	89	>VHL-P81S- $\eta$ SRVVLPVWL	13	76
>VHL-P81S- $\nu$ PRVVLPVWLI	385	>VHL-P81S- $\eta$ SRVVLPVWLI	46	339
>VHL-P81S- $\nu$ SPRVVLPV	8227	>VHL-P81S- $\eta$ SSRVVLPV	9	8218
>VHL-P81S- $\nu$ SPRVVLPV	21	>VHL-P81S- $\eta$ SSRVVLPV	10325	10304
>VHL-P81S- $\nu$ SPRVVLPVW	189	>VHL-P81S- $\eta$ SSRVVLPVW	20172	19983
>VHL-P81S- $\nu$ SPRVVLPVWI	61	>VHL-P81S- $\eta$ SSRVVLPVWI	19396	19335
>VHL-P81S- $\nu$ SPRVVLPV	22305	>VHL-P81S- $\eta$ SSRVVLPV	445	21860
>VHL-P81S- $\nu$ SPRVVLPVW	5915	>VHL-P81S- $\eta$ SSRVVLPVW	7	5908
>VHL-P81S- $\nu$ SPRVVLPVWI	18262	>VHL-P81S- $\eta$ SSRVVLPVWI	24	18238
>VHL-P81S- $\nu$ SPRVVLPVW	318	>VHL-P81S- $\eta$ SSRVVLPVW	17910	17592
>VHL-P81S- $\nu$ SPRVVLPV	251	>VHL-P81S- $\eta$ SSRVVLPV	28309	28058
>VHL-P81S- $\nu$ SPRVVLPVW	9583	>VHL-P81S- $\eta$ SSRVVLPVW	46	9537
>VHL-P81S- $\nu$ SPRVVLPVW	11772	>VHL-P81S- $\eta$ SSRVVLPVW	22	11750
>VHL-P81S- $\nu$ SPRVVLPVW	2763	>VHL-P81S- $\eta$ SSRVVLPVW	82	2681
>VHL-P81S- $\nu$ SPRVVLPVWI	2353	>VHL-P81S- $\eta$ SSRVVLPVWI	29	2324
>VHL-P81S- $\nu$ SPRVVLPVW	42	>VHL-P81S- $\eta$ SSRVVLPVW	9200	9158
>VHL-P81S- $\nu$ RSPRVVLPV	1309	>VHL-P81S- $\eta$ RSSRVVLPV	476	833
>VHL-P81S- $\nu$ RSPRVVLPV	488	>VHL-P81S- $\eta$ RSSRVVLPV	395	93
>VHL-P81S- $\nu$ RSPRVVLPV	301	>VHL-P81S- $\eta$ RSSRVVLPV	27	274
>VHL-P81S- $\nu$ RSPRVVLPVW	3369	>VHL-P81S- $\eta$ RSSRVVLPVW	473	2896
>VHL-P81S- $\nu$ RSPRVVLPV	130	>VHL-P81S- $\eta$ RSSRVVLPV	113	17
>VHL-P81S- $\nu$ RSPRVVLPVW	247	>VHL-P81S- $\eta$ RSSRVVLPVW	204	43
>VHL-P81S- $\nu$ RSPRVVLPVW	147	>VHL-P81S- $\eta$ RSSRVVLPVW	127	20
>VHL-P81S- $\nu$ RSPRVVLPV	1354	>VHL-P81S- $\eta$ RSSRVVLPV	250	1104
>VHL-P81S- $\nu$ RSPRVVLPV	3748	>VHL-P81S- $\eta$ RSSRVVLPV	174	3574
>VHL-P81S- $\nu$ RSPRVVLPVW	55	>VHL-P81S- $\eta$ RSSRVVLPVW	6	49
>VHL-P81S- $\nu$ RSPRVVLPVW	301	>VHL-P81S- $\eta$ RSSRVVLPVW	15	286
>VHL-P81S- $\nu$ RSPRVVLPVW	48	>VHL-P81S- $\eta$ RSSRVVLPVW	32	16
>VHL-P81S- $\nu$ RSPRVVLPVW	2702	>VHL-P81S- $\eta$ RSSRVVLPVW	384	2318
>VHL-P81S- $\nu$ RSPRVVLPV	9858	>VHL-P81S- $\eta$ RSSRVVLPV	63	9795
>VHL-P81S- $\nu$ RSPRVVLPVW	12	>VHL-P81S- $\eta$ RSSRVVLPVW	8	4
>VHL-P81S- $\nu$ RSPRVVLPVW	4191	>VHL-P81S- $\eta$ RSSRVVLPVW	43	4148
>VHL-P81S- $\nu$ RSPRVVLPVW	39	>VHL-P81S- $\eta$ RSSRVVLPVW	4924	4885

>VHL-P81S- $\nu$ RSPRVVLPVM	4	>VHL-P81S- $\eta$ RSSRVVLPVM	487	483
>VHL-P81S- $\nu$ RSPRVVLPVM	3486	>VHL-P81S- $\eta$ RSSRVVLPVM	234	3252
>VHL-P81S- $\nu$ RSPRVVLPVM	493	>VHL-P81S- $\eta$ RSSRVVLPVM	352	141
>VHL-P81S- $\nu$ RSPRVVLPVM	345	>VHL-P81S- $\eta$ RSSRVVLPVM	358	13
>VHL-P81S- $\nu$ NRSPRVVL	22	>VHL-P81S- $\eta$ NRSSRVVL	16	6
>VHL-P81S- $\nu$ NRSPRVVLPV	265	>VHL-P81S- $\eta$ NRSSRVVLPV	171	94
>VHL-P81S- $\nu$ CNRSPRVVLP	910	>VHL-P81S- $\eta$ CNRSSRVVLP	362	548
>VHL-P81S- $\nu$ CNRSPRVVL	734	>VHL-P81S- $\eta$ CNRSSRVVL	203	531
>VHL-P81S- $\nu$ FCNRSPRV	252	>VHL-P81S- $\eta$ FCNRSSRV	555	303
>VHL-P81S- $\nu$ FCNRSPRV	107	>VHL-P81S- $\eta$ FCNRSSRV	141	34
>VHL-P81S- $\nu$ IFCNRSPR	15	>VHL-P81S- $\eta$ IFCNRSSR	24	9
>VHL-P81S- $\nu$ IFCNRSPR	20	>VHL-P81S- $\eta$ IFCNRSSR	22	2
>VHL-P81S- $\nu$ IFCNRSPR	62	>VHL-P81S- $\eta$ IFCNRSSR	189	127
>VHL-P81S- $\nu$ VIFCNRSRV	646	>VHL-P81S- $\eta$ VIFCNRSRV	184	462
>VHL-P81S- $\nu$ VIFCNRSRV'	72	>VHL-P81S- $\eta$ VIFCNRSRV'	82	10
>VHL-P81S- $\nu$ VIFCNRSRV	7	>VHL-P81S- $\eta$ VIFCNRSRV	9	2
>VHL-P81S- $\nu$ VIFCNRSRV'	15	>VHL-P81S- $\eta$ VIFCNRSRV'	21	6
>VHL-P81S- $\nu$ VIFCNRSRV	86	>VHL-P81S- $\eta$ VIFCNRSRV	101	15
>VHL-P81S- $\nu$ VIFCNRSRV'	191	>VHL-P81S- $\eta$ VIFCNRSRV'	165	26
>VHL-P81S- $\nu$ VIFCNRSRV	70	>VHL-P81S- $\eta$ VIFCNRSRV	250	180
>VHL-P81S- $\nu$ VIFCNRSRV	400	>VHL-P81S- $\eta$ VIFCNRSRV	956	556
>VHL-P81S- $\nu$ VIFCNRSRV	7	>VHL-P81S- $\eta$ VIFCNRSRV	7	0
>VHL-P81S- $\nu$ VIFCNRSRV'	59	>VHL-P81S- $\eta$ VIFCNRSRV'	46	13
>VHL-P81S- $\nu$ VIFCNRSRV	427	>VHL-P81S- $\eta$ VIFCNRSRV	425	2
>VHL-P81S- $\nu$ VIFCNRSRV	113	>VHL-P81S- $\eta$ VIFCNRSRV	309	196
>VHL-P81S- $\nu$ VIFCNRSRV	23	>VHL-P81S- $\eta$ VIFCNRSRV	65	42
>VHL-P81S- $\nu$ VIFCNRSRV	93	>VHL-P81S- $\eta$ VIFCNRSRV	189	96
>VHL-P81S- $\nu$ VIFCNRSRV	24	>VHL-P81S- $\eta$ VIFCNRSRV	22	2
>VHL-P81S- $\nu$ VIFCNRSRV'	548	>VHL-P81S- $\eta$ VIFCNRSRV'	479	69
>VHL-P81S- $\nu$ VIFCNRSRV'	360	>VHL-P81S- $\eta$ VIFCNRSRV'	335	25
>VHL-P81S- $\nu$ QVIFCNRSRV	755	>VHL-P81S- $\eta$ QVIFCNRSRV	213	542
>VHL-P81S- $\nu$ QVIFCNRSRV	214	>VHL-P81S- $\eta$ QVIFCNRSRV	519	305
>VHL-P81S- $\nu$ QVIFCNRSRV	305	>VHL-P81S- $\eta$ QVIFCNRSRV	394	89
>VHL-P81S- $\nu$ QVIFCNRSRV	381	>VHL-P81S- $\eta$ QVIFCNRSRV	441	60
>VHL-P81S- $\nu$ QVIFCNRSRV	11	>VHL-P81S- $\eta$ QVIFCNRSRV	16	5
>VHL-P81S- $\nu$ QVIFCNRSRV	114	>VHL-P81S- $\eta$ QVIFCNRSRV	210	96
>VHL-P81S- $\nu$ QVIFCNRSRV	6	>VHL-P81S- $\eta$ QVIFCNRSRV	9	3
>VHL-P81S- $\nu$ QVIFCNRSRV	36	>VHL-P81S- $\eta$ QVIFCNRSRV	13	23
>VHL-P81S- $\nu$ QVIFCNRSRV	178	>VHL-P81S- $\eta$ QVIFCNRSRV	620	442
>VHL-P81S- $\nu$ QVIFCNRSRV	175	>VHL-P81S- $\eta$ QVIFCNRSRV	498	323
>VHL-P81S- $\nu$ SQVIFCNRSRV	47	>VHL-P81S- $\eta$ SQVIFCNRSRV	115	68
>VHL-P81S- $\nu$ SQVIFCNRSRV	436	>VHL-P81S- $\eta$ SQVIFCNRSRV	415	21
>VHL-P81S- $\nu$ SQVIFCNRSRV	301	>VHL-P81S- $\eta$ SQVIFCNRSRV	329	28

>VHL-P81S-v SQVIFCNRSPI	150	>VHL-P81S-r SQVIFCNRSSI	456	306
>VHL-P86A-v LPVWLNFDG	285	>VHL-P86A-n LAVWLNFDG	3967	3682
>VHL-P86A-v LPVWLNFD	106	>VHL-P86A-n LAVWLNFD	3926	3820
>VHL-P86A-v LPVWLNFDG	251	>VHL-P86A-n LAVWLNFDG	7183	6932
>VHL-P86A-v LPVWLNFDG	345	>VHL-P86A-n LAVWLNFDG	7834	7489
>VHL-P86A-v VLPVWLN	235	>VHL-P86A-n VLAVWLN	144	91
>VHL-P86A-v VLPVWLN	454	>VHL-P86A-n VLAVWLN	817	363
>VHL-P86A-v VLPVWLN	2940	>VHL-P86A-n VLAVWLN	431	2509
>VHL-P86A-v VLPVWLN	1932	>VHL-P86A-n VLAVWLN	237	1695
>VHL-P86A-v VLPVWLN	871	>VHL-P86A-n VLAVWLN	181	690
>VHL-P86A-v VVLPVWLN	443	>VHL-P86A-n VVLAVWLN	474	31
>VHL-P86A-v VVLPVWLN	261	>VHL-P86A-n VVLAVWLN	579	318
>VHL-P86A-v VVLPVWLN	42	>VHL-P86A-n VVLAVWLN	72	30
>VHL-P86A-v VVLPVWLN	449	>VHL-P86A-n VVLAVWLN	928	479
>VHL-P86A-v VVLPVWLN	190	>VHL-P86A-n VVLAVWLN	791	601
>VHL-P86A-v VVLPVWLN	70	>VHL-P86A-n VVLAVWLN	207	137
>VHL-P86A-v VVLPVWLN	461	>VHL-P86A-n VVLAVWLN	509	48
>VHL-P86A-v VVLPVWLN	20	>VHL-P86A-n VVLAVWLN	79	59
>VHL-P86A-v VVLPVWLN	63	>VHL-P86A-n VVLAVWLN	72	9
>VHL-P86A-v VVLPVWLN	399	>VHL-P86A-n VVLAVWLN	808	409
>VHL-P86A-v RVVLPVWL	415	>VHL-P86A-n RVVLAVWL	132	283
>VHL-P86A-v RVVLPVWLN	582	>VHL-P86A-n RVVLAVWLN	443	139
>VHL-P86A-v RVVLPVWLN	182	>VHL-P86A-n RVVLAVWLN	261	79
>VHL-P86A-v RVVLPVWL	351	>VHL-P86A-n RVVLAVWL	426	75
>VHL-P86A-v RVVLPVWLN	202	>VHL-P86A-n RVVLAVWLN	184	18
>VHL-P86A-v RVVLPVWLN	819	>VHL-P86A-n RVVLAVWLN	421	398
>VHL-P86A-v RVVLPVWLN	355	>VHL-P86A-n RVVLAVWLN	409	54
>VHL-P86A-v RVVLPVWL	89	>VHL-P86A-n RVVLAVWL	72	17
>VHL-P86A-v RVVLPVWLN	9	>VHL-P86A-n RVVLAVWLN	11	2
>VHL-P86A-v RVVLPVWLN	56	>VHL-P86A-n RVVLAVWLN	38	18
>VHL-P86A-v RVVLPVWLN	230	>VHL-P86A-n RVVLAVWLN	143	87
>VHL-P86A-v RVVLPVWLN	320	>VHL-P86A-n RVVLAVWLN	314	6
>VHL-P86A-v PRVVLVWLI	364	>VHL-P86A-n PRVVLAVWLI	422	58
>VHL-P86A-v PRVVLVWL	89	>VHL-P86A-n PRVVLAVWL	99	10
>VHL-P86A-v PRVVLVWLI	385	>VHL-P86A-n PRVVLAVWLI	507	122
>VHL-P86A-v SPRVLPV	21	>VHL-P86A-n SPRVVLAV	18	3
>VHL-P86A-v SPRVLPVW	189	>VHL-P86A-n SPRVVLAVW	63	126
>VHL-P86A-v SPRVLPVWI	61	>VHL-P86A-n SPRVVLAVWI	42	19
>VHL-P86A-v SPRVLPVW	318	>VHL-P86A-n SPRVVLAVW	360	42
>VHL-P86A-v SPRVLPV	251	>VHL-P86A-n SPRVVLAV	318	67
>VHL-P86A-v SPRVLPVW	42	>VHL-P86A-n SPRVVLAVW	28	14
>VHL-P86A-v RSPRVLPV	488	>VHL-P86A-n RSPRVVLAV	640	152
>VHL-P86A-v RSPRVLPV	301	>VHL-P86A-n RSPRVVLAV	1021	720

>VHL-P86A-v RSPRVVLPV	130	>VHL-P86A-n RSPRVVLAV	117	13
>VHL-P86A-v RSPRVVLPVV	247	>VHL-P86A-n RSPRVVLAVV	192	55
>VHL-P86A-v RSPRVVLPVV	147	>VHL-P86A-n RSPRVVLAVV	161	14
>VHL-P86A-v RSPRVVLPVV	55	>VHL-P86A-n RSPRVVLAVV	41	14
>VHL-P86A-v RSPRVVLPVV	301	>VHL-P86A-n RSPRVVLAVV	172	129
>VHL-P86A-v RSPRVVLPVV	48	>VHL-P86A-n RSPRVVLAVV	44	4
>VHL-P86A-v RSPRVVLPVV	12	>VHL-P86A-n RSPRVVLAVV	11	1
>VHL-P86A-v RSPRVVLPVV	39	>VHL-P86A-n RSPRVVLAVV	23	16
>VHL-P86A-v RSPRVVLPVV	4	>VHL-P86A-n RSPRVVLAVV	3	1
>VHL-P86A-v RSPRVVLPVV	493	>VHL-P86A-n RSPRVVLAVV	568	75
>VHL-P86A-v RSPRVVLPVV	345	>VHL-P86A-n RSPRVVLAVV	299	46
>VHL-P86A-v NRSRVLVLPV	265	>VHL-P86A-n NRSRVLVLA	178	87
>VHL-P86A-v NRSRVLVLPV	601	>VHL-P86A-n NRSRVLVLA	165	436
>VHL-P86H-v LPVWLNFDG	285	>VHL-P86H-r LHVWLNFDG	21917	21632
>VHL-P86H-v LPVWLNFD	106	>VHL-P86H-r LHVWLNFD	11694	11588
>VHL-P86H-v LPVWLNFDG	251	>VHL-P86H-r LHVWLNFDG	16456	16205
>VHL-P86H-v LPVWLNFDG	345	>VHL-P86H-r LHVWLNFDG	17064	16719
>VHL-P86H-v VLPVWLN	235	>VHL-P86H-r VLHVWLN	276	41
>VHL-P86H-v VLPVWLN	454	>VHL-P86H-r VLHVWLN	1866	1412
>VHL-P86H-v VLPVWLN	1932	>VHL-P86H-r VLHVWLN	243	1689
>VHL-P86H-v VLPVWLN	871	>VHL-P86H-r VLHVWLN	112	759
>VHL-P86H-v VVLPVWLN	443	>VHL-P86H-r VVLHVWLN	222	221
>VHL-P86H-v VVLPVWLN	261	>VHL-P86H-r VVLHVWLN	1040	779
>VHL-P86H-v VVLPVWLN	42	>VHL-P86H-r VVLHVWLN	67	25
>VHL-P86H-v VVLPVWLN	449	>VHL-P86H-r VVLHVWLN	662	213
>VHL-P86H-v VVLPVWLN	190	>VHL-P86H-r VVLHVWLN	1009	819
>VHL-P86H-v VVLPVWLN	70	>VHL-P86H-r VVLHVWLN	125	55
>VHL-P86H-v VVLPVWLN	461	>VHL-P86H-r VVLHVWLN	237	224
>VHL-P86H-v VVLPVWLN	20	>VHL-P86H-r VVLHVWLN	73	53
>VHL-P86H-v VVLPVWLN	63	>VHL-P86H-r VVLHVWLN	143	80
>VHL-P86H-v VVLPVWLN	399	>VHL-P86H-r VVLHVWLN	522	123
>VHL-P86H-v RVVLPVWL	415	>VHL-P86H-r RVVLHVWL	178	237
>VHL-P86H-v RVVLPVWL	535	>VHL-P86H-r RVVLHVWL	304	231
>VHL-P86H-v RVVLPVWLN	182	>VHL-P86H-r RVVLHVWLN	109	73
>VHL-P86H-v RVVLPVWL	351	>VHL-P86H-r RVVLHVWL	309	42
>VHL-P86H-v RVVLPVWLN	202	>VHL-P86H-r RVVLHVWLN	134	68
>VHL-P86H-v RVVLPVWLN	819	>VHL-P86H-r RVVLHVWLN	434	385
>VHL-P86H-v RVVLPVWLN	355	>VHL-P86H-r RVVLHVWLN	321	34
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>VHL-P86H-v RVVLPVWLN	9	>VHL-P86H-r RVVLHVWLN	12	3
>VHL-P86H-v RVVLPVWLN	56	>VHL-P86H-r RVVLHVWLN	58	2
>VHL-P86H-v RVVLPVWLN	230	>VHL-P86H-r RVVLHVWLN	224	6
>VHL-P86H-v RVVLPVWLN	320	>VHL-P86H-r RVVLHVWLN	578	258

>VHL-P86H-v PRVVLPVWLI	364	>VHL-P86H-r PRVVLVHWLI	331	33
>VHL-P86H-v PRVVLPVWL	89	>VHL-P86H-r PRVVLVHWL	98	9
>VHL-P86H-v PRVVLPVWLI	385	>VHL-P86H-r PRVVLVHWLI	525	140
>VHL-P86H-v SPRVVLPV	21	>VHL-P86H-r SPRVVLVH	73	52
>VHL-P86H-v SPRVVLPVW	189	>VHL-P86H-r SPRVVLVHW	60	129
>VHL-P86H-v SPRVVLPVWI	61	>VHL-P86H-r SPRVVLVHWI	37	24
>VHL-P86H-v SPRVVLPVW	318	>VHL-P86H-r SPRVVLVHW	282	36
>VHL-P86H-v SPRVVLPV	251	>VHL-P86H-r SPRVVLVH	1454	1203
>VHL-P86H-v SPRVVLPVW	42	>VHL-P86H-r SPRVVLVHW	25	17
>VHL-P86H-v RSPRVVLPV	488	>VHL-P86H-r RSPRVVLHV	1183	695
>VHL-P86H-v RSPRVVLPV	301	>VHL-P86H-r RSPRVVLHV	711	410
>VHL-P86H-v RSPRVVLPV	130	>VHL-P86H-r RSPRVVLHV	1327	1197
>VHL-P86H-v RSPRVVLPVW	247	>VHL-P86H-r RSPRVVLHVW	210	37
>VHL-P86H-v RSPRVVLPVW	147	>VHL-P86H-r RSPRVVLHVW	236	89
>VHL-P86H-v RSPRVVLPVW	55	>VHL-P86H-r RSPRVVLHVW	47	8
>VHL-P86H-v RSPRVVLPVW	301	>VHL-P86H-r RSPRVVLHVW	267	34
>VHL-P86H-v RSPRVVLPVW	48	>VHL-P86H-r RSPRVVLHVW	37	11
>VHL-P86H-v RSPRVVLPVW	12	>VHL-P86H-r RSPRVVLHVW	10	2
>VHL-P86H-v RSPRVVLPVW	39	>VHL-P86H-r RSPRVVLHVW	24	15
>VHL-P86H-v RSPRVVLPVW	4	>VHL-P86H-r RSPRVVLHVW	3	1
>VHL-P86H-v RSPRVVLPVW	493	>VHL-P86H-r RSPRVVLHVW	520	27
>VHL-P86H-v RSPRVVLPVW	345	>VHL-P86H-r RSPRVVLHVW	290	55
>VHL-P86H-v NRSRVVLPV	265	>VHL-P86H-r NRSRVVLHV	2574	2309
>VHL-P86L-w LPVWLNFDG	285	>VHL-P86L-r LLVWLNFDG	17112	16827
>VHL-P86L-w LPVWLNFD	106	>VHL-P86L-r LLVWLNFD	19766	19660
>VHL-P86L-w LPVWLNFDG	251	>VHL-P86L-r LLVWLNFDG	21368	21117
>VHL-P86L-w LPVWLNFDG	345	>VHL-P86L-r LLVWLNFDGI	22879	22534
>VHL-P86L-w VLPVWLNF	1928	>VHL-P86L-r VLLVWLNF	233	1695
>VHL-P86L-w VLPVWLNF	235	>VHL-P86L-r VLLVWLNF	52	183
>VHL-P86L-w VLPVWLNF	454	>VHL-P86L-r VLLVWLNF	1136	682
>VHL-P86L-w VLPVWLNF	2940	>VHL-P86L-r VLLVWLNF	404	2536
>VHL-P86L-w VLPVWLNF	871	>VHL-P86L-r VLLVWLNF	88	783
>VHL-P86L-w VVLPVWLNF	443	>VHL-P86L-r VVLLVWLNF	243	200
>VHL-P86L-w VVLPVWLNF	261	>VHL-P86L-r VVLLVWLNF	2532	2271
>VHL-P86L-w VVLPVWLNF	42	>VHL-P86L-r VVLLVWLNF	172	130
>VHL-P86L-w VVLPVWLNF	449	>VHL-P86L-r VVLLVWLNF	791	342
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>VHL-P86L-w VVLPVWLNF	70	>VHL-P86L-r VVLLVWLNF	305	235
>VHL-P86L-w VVLPVWLNF	461	>VHL-P86L-r VVLLVWLNF	1238	777
>VHL-P86L-w VVLPVWLNF	20	>VHL-P86L-r VVLLVWLNF	130	110
>VHL-P86L-w VVLPVWLNF	63	>VHL-P86L-r VVLLVWLNF	619	556
>VHL-P86L-w VVLPVWLNF	399	>VHL-P86L-r VVLLVWLNF	951	552
>VHL-P86L-w RVVLPVWL	415	>VHL-P86L-r RVVLLVWL	116	299

>VHL-P86L-w RVVLPVWL	535	>VHL-P86L-r RVVLLVWL	362	173
>VHL-P86L-w RVVLPVWLNI	182	>VHL-P86L-r RVVLLVWLNI	469	287
>VHL-P86L-w RVVLPVWL	351	>VHL-P86L-r RVVLLVWL	264	87
>VHL-P86L-w RVVLPVWLNI	202	>VHL-P86L-r RVVLLVWLNI	99	103
>VHL-P86L-w RVVLPVWLNI	355	>VHL-P86L-r RVVLLVWLNI	705	350
>VHL-P86L-w RVVLPVWL	89	>VHL-P86L-r RVVLLVWL	150	61
>VHL-P86L-w RVVLPVWLNI	9	>VHL-P86L-r RVVLLVWLNI	16	7
>VHL-P86L-w RVVLPVWLNI	56	>VHL-P86L-r RVVLLVWLNI	39	17
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>VHL-P86L-w RVVLPVWLNI	320	>VHL-P86L-r RVVLLVWLNI	186	134
>VHL-P86L-w PRVVLVWLNI	364	>VHL-P86L-r PRVVLVWLNI	504	140
>VHL-P86L-w PRVVLVWL	738	>VHL-P86L-r PRVVLVWL	465	273
>VHL-P86L-w PRVVLVWL	89	>VHL-P86L-r PRVVLVWL	59	30
>VHL-P86L-w PRVVLVWLNI	385	>VHL-P86L-r PRVVLVWLNI	360	25
>VHL-P86L-w SPRVLPV	3386	>VHL-P86L-r SPRVLLV	414	2972
>VHL-P86L-w SPRVLPV	21	>VHL-P86L-r SPRVLLV	103	82
>VHL-P86L-w SPRVLPVW	189	>VHL-P86L-r SPRVLLVW	60	129
>VHL-P86L-w SPRVLPVWI	61	>VHL-P86L-r SPRVLLVWI	38	23
>VHL-P86L-w SPRVLPVW	318	>VHL-P86L-r SPRVLLVW	171	147
>VHL-P86L-w SPRVLPV	251	>VHL-P86L-r SPRVLLV	736	485
>VHL-P86L-w SPRVLPVW	42	>VHL-P86L-r SPRVLLVW	30	12
>VHL-P86L-w RSPRVLP	26092	>VHL-P86L-r RSPRVLL	424	25668
>VHL-P86L-w RSPRVLPV	488	>VHL-P86L-r RSPRVLLV	1180	692
>VHL-P86L-w RSPRVLPV	301	>VHL-P86L-r RSPRVLLV	833	532
>VHL-P86L-w RSPRVLP	6455	>VHL-P86L-r RSPRVLL	181	6274
>VHL-P86L-w RSPRVLPV	130	>VHL-P86L-r RSPRVLLV	733	603
>VHL-P86L-w RSPRVLPVW	247	>VHL-P86L-r RSPRVLLVW	145	102
>VHL-P86L-w RSPRVLPVW	147	>VHL-P86L-r RSPRVLLVW	290	143
>VHL-P86L-w RSPRVLPVW	55	>VHL-P86L-r RSPRVLLVW	41	14
>VHL-P86L-w RSPRVLPVW	301	>VHL-P86L-r RSPRVLLVW	301	0
>VHL-P86L-w RSPRVLPVW	48	>VHL-P86L-r RSPRVLLVW	44	4
>VHL-P86L-w RSPRVLPVW	12	>VHL-P86L-r RSPRVLLVW	10	2
>VHL-P86L-w RSPRVLP	2336	>VHL-P86L-r RSPRVLL	10	2326
>VHL-P86L-w RSPRVLPVW	39	>VHL-P86L-r RSPRVLLVW	27	12
>VHL-P86L-w RSPRVLPVW	4	>VHL-P86L-r RSPRVLLVW	3	1
>VHL-P86L-w RSPRVLP	10276	>VHL-P86L-r RSPRVLL	170	10106
>VHL-P86L-w RSPRVLPVW	493	>VHL-P86L-r RSPRVLLVW	315	178
>VHL-P86L-w RSPRVLP	24329	>VHL-P86L-r RSPRVLL	327	24002
>VHL-P86L-w RSPRVLPVW	345	>VHL-P86L-r RSPRVLLVW	312	33
>VHL-P86L-w NRSRVLP	15887	>VHL-P86L-r NRSRVLL	55	15832
>VHL-P86L-w NRSRVLPV	265	>VHL-P86L-r NRSRVLLV	1142	877
>VHL-P86L-w NRSRVLP	8106	>VHL-P86L-r NRSRVLL	221	7885
>VHL-P86L-w NRSRVLP	3067	>VHL-P86L-r NRSRVLL	11	3056

>VHL-P86L-w NRSRVLPLV	1062	>VHL-P86L-n NRSRVLPLV	485	577
>VHL-P86R-v LPVWLNFDG	285	>VHL-P86R-n LRVWLNFDG	24657	24372
>VHL-P86R-v LPVWLNFD	106	>VHL-P86R-n LRVWLNFD	20363	20257
>VHL-P86R-v LPVWLNFDG	251	>VHL-P86R-n LRVWLNFDG	22491	22240
>VHL-P86R-v LPVWLNFDG	345	>VHL-P86R-n LRVWLNFDG	23985	23640
>VHL-P86R-v VLPVWLN	235	>VHL-P86R-n VLRVWLN	240	5
>VHL-P86R-v VLPVWLN	454	>VHL-P86R-n VLRVWLN	3187	2733
>VHL-P86R-v VLPVWLN	1932	>VHL-P86R-n VLRVWLN	139	1793
>VHL-P86R-v VLPVWLN	2107	>VHL-P86R-n VLRVWLN	497	1610
>VHL-P86R-v VLPVWLN	871	>VHL-P86R-n VLRVWLN	60	811
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>VHL-P86R-v VVLPVWLN	443	>VHL-P86R-n VVLRVWLN	230	213
>VHL-P86R-v VVLPVWLN	261	>VHL-P86R-n VVLRVWLN	1550	1289
>VHL-P86R-v VVLPVWLN	42	>VHL-P86R-n VVLRVWLN	57	15
>VHL-P86R-v VVLPVWLN	449	>VHL-P86R-n VVLRVWLN	361	88
>VHL-P86R-v VVLPVWLN	190	>VHL-P86R-n VVLRVWLN	651	461
>VHL-P86R-v VVLPVWLN	70	>VHL-P86R-n VVLRVWLN	602	532
>VHL-P86R-v VVLPVWLN	461	>VHL-P86R-n VVLRVWLN	456	5
>VHL-P86R-v VVLPVWLN	20	>VHL-P86R-n VVLRVWLN	436	416
>VHL-P86R-v VVLPVWLN	63	>VHL-P86R-n VVLRVWLN	89	26
>VHL-P86R-v VVLPVWLN	399	>VHL-P86R-n VVLRVWLN	485	86
>VHL-P86R-v RVVLPVWL	415	>VHL-P86R-n RVVLRVWL	295	120
>VHL-P86R-v RVVLPVWLN	182	>VHL-P86R-n RVVLRVWLN	608	426
>VHL-P86R-v RVVLPVWL	351	>VHL-P86R-n RVVLRVWL	533	182
>VHL-P86R-v RVVLPVWLN	202	>VHL-P86R-n RVVLRVWLN	158	44
>VHL-P86R-v RVVLPVWLN	355	>VHL-P86R-n RVVLRVWLN	553	198
>VHL-P86R-v RVVLPVWL	89	>VHL-P86R-n RVVLRVWL	192	103
>VHL-P86R-v RVVLPVWLN	9	>VHL-P86R-n RVVLRVWLN	13	4
>VHL-P86R-v RVVLPVWLN	56	>VHL-P86R-n RVVLRVWLN	89	33
>VHL-P86R-v RVVLPVWLN	230	>VHL-P86R-n RVVLRVWLN	119	111
>VHL-P86R-v RVVLPVWLN	320	>VHL-P86R-n RVVLRVWLN	351	31
>VHL-P86R-v PRVVLPLVLI	364	>VHL-P86R-n PRVVLPLVLI	377	13
>VHL-P86R-v PRVVLPLVWL	738	>VHL-P86R-n PRVVLPLVWL	323	415
>VHL-P86R-v PRVVLPLVWL	89	>VHL-P86R-n PRVVLPLVWL	49	40
>VHL-P86R-v PRVVLPLVLI	385	>VHL-P86R-n PRVVLPLVLI	306	79
>VHL-P86R-v SPRVLPV	21	>VHL-P86R-n SPRVLPV	61	40
>VHL-P86R-v SPRVLPVWL	189	>VHL-P86R-n SPRVLPVWL	36	153
>VHL-P86R-v SPRVLPVWI	61	>VHL-P86R-n SPRVLPVWI	24	37
>VHL-P86R-v SPRVLPVWL	318	>VHL-P86R-n SPRVLPVWL	979	661
>VHL-P86R-v SPRVLPV	251	>VHL-P86R-n SPRVLPV	2750	2499
>VHL-P86R-v SPRVLPVWL	42	>VHL-P86R-n SPRVLPVWL	40	2
>VHL-P86R-v RSPRVLPV	488	>VHL-P86R-n RSPRVLPV	4060	3572
>VHL-P86R-v RSPRVLPV	301	>VHL-P86R-n RSPRVLPV	2311	2010

>VHL-P86R- <i>v</i> RSPRVVLP	17029	>VHL-P86R- <i>n</i> RSPRVVLR	29	17000
>VHL-P86R- <i>v</i> RSPRVVLPV	130	>VHL-P86R- <i>n</i> RSPRVVLRV	646	516
>VHL-P86R- <i>v</i> RSPRVVLPVW	247	>VHL-P86R- <i>n</i> RSPRVVLRVW	256	9
>VHL-P86R- <i>v</i> RSPRVVLPVW	147	>VHL-P86R- <i>n</i> RSPRVVLRVW	291	144
>VHL-P86R- <i>v</i> RSPRVVLPVW	55	>VHL-P86R- <i>n</i> RSPRVVLRVW	83	28
>VHL-P86R- <i>v</i> RSPRVVLPVW	301	>VHL-P86R- <i>n</i> RSPRVVLRVW	492	191
>VHL-P86R- <i>v</i> RSPRVVLPVW	48	>VHL-P86R- <i>n</i> RSPRVVLRVW	40	8
>VHL-P86R- <i>v</i> RSPRVVLPVW	12	>VHL-P86R- <i>n</i> RSPRVVLRVW	22	10
>VHL-P86R- <i>v</i> RSPRVVLPVW	39	>VHL-P86R- <i>n</i> RSPRVVLRVW	56	17
>VHL-P86R- <i>v</i> RSPRVVLPVW	4	>VHL-P86R- <i>n</i> RSPRVVLRVW	4	0
>VHL-P86R- <i>v</i> RSPRVVLPVW	493	>VHL-P86R- <i>n</i> RSPRVVLRVW	382	111
>VHL-P86R- <i>v</i> RSPRVVLP	35647	>VHL-P86R- <i>n</i> RSPRVVLR	260	35387
>VHL-P86R- <i>v</i> RSPRVVLPVW	345	>VHL-P86R- <i>n</i> RSPRVVLRVW	396	51
>VHL-P86R- <i>v</i> NRSPRVVLPV	265	>VHL-P86R- <i>n</i> NRSPRVVLRV	2260	1995
>VHL-P86R- <i>v</i> NRSPRVVLP	3067	>VHL-P86R- <i>n</i> NRSPRVVLR	457	2610
>VHL-P86S- <i>v</i> LPVWLNFDG	285	>VHL-P86S- <i>n</i> LSVWLNFDG	14554	14269
>VHL-P86S- <i>v</i> LPVWLNFD	106	>VHL-P86S- <i>n</i> LSVWLNFD	13944	13838
>VHL-P86S- <i>v</i> LPVWLNFDG	251	>VHL-P86S- <i>n</i> LSVWLNFDG	17979	17728
>VHL-P86S- <i>v</i> LPVWLNFDG	345	>VHL-P86S- <i>n</i> LSVWLNFDG	18765	18420
>VHL-P86S- <i>v</i> VLPVWLN	235	>VHL-P86S- <i>n</i> VLSVWLN	341	106
>VHL-P86S- <i>v</i> VLPVWLN	454	>VHL-P86S- <i>n</i> VLSVWLN	1520	1066
>VHL-P86S- <i>v</i> VLPVWLN	1932	>VHL-P86S- <i>n</i> VLSVWLN	275	1657
>VHL-P86S- <i>v</i> VLPVWLN	871	>VHL-P86S- <i>n</i> VLSVWLN	184	687
>VHL-P86S- <i>v</i> VVLPVWLN	443	>VHL-P86S- <i>n</i> VVLSVWLN	263	180
>VHL-P86S- <i>v</i> VVLPVWLN	261	>VHL-P86S- <i>n</i> VVLSVWLN	855	594
>VHL-P86S- <i>v</i> VVLPVWLN	42	>VHL-P86S- <i>n</i> VVLSVWLN	36	6
>VHL-P86S- <i>v</i> VVLPVWLN	449	>VHL-P86S- <i>n</i> VVLSVWLN	552	103
>VHL-P86S- <i>v</i> VVLPVWLN	190	>VHL-P86S- <i>n</i> VVLSVWLN	510	320
>VHL-P86S- <i>v</i> VVLPVWLN	70	>VHL-P86S- <i>n</i> VVLSVWLN	128	58
>VHL-P86S- <i>v</i> VVLPVWLN	461	>VHL-P86S- <i>n</i> VVLSVWLN	239	222
>VHL-P86S- <i>v</i> VVLPVWLN	20	>VHL-P86S- <i>n</i> VVLSVWLN	131	111
>VHL-P86S- <i>v</i> VVLPVWLN	63	>VHL-P86S- <i>n</i> VVLSVWLN	191	128
>VHL-P86S- <i>v</i> VVLPVWLN	399	>VHL-P86S- <i>n</i> VVLSVWLN	161	238
>VHL-P86S- <i>v</i> RVVLPVWL	415	>VHL-P86S- <i>n</i> RVVLSVWL	144	271
>VHL-P86S- <i>v</i> RVVLPVWLN	182	>VHL-P86S- <i>n</i> RVVLSVWLN	252	70
>VHL-P86S- <i>v</i> RVVLPVWL	351	>VHL-P86S- <i>n</i> RVVLSVWL	438	87
>VHL-P86S- <i>v</i> RVVLPVWLN	202	>VHL-P86S- <i>n</i> RVVLSVWLN	239	37
>VHL-P86S- <i>v</i> RVVLPVWLN	819	>VHL-P86S- <i>n</i> RVVLSVWLN	392	427
>VHL-P86S- <i>v</i> RVVLPVWLN	355	>VHL-P86S- <i>n</i> RVVLSVWLN	169	186
>VHL-P86S- <i>v</i> RVVLPVWL	89	>VHL-P86S- <i>n</i> RVVLSVWL	32	57
>VHL-P86S- <i>v</i> RVVLPVWLN	9	>VHL-P86S- <i>n</i> RVVLSVWLN	7	2
>VHL-P86S- <i>v</i> RVVLPVWLN	56	>VHL-P86S- <i>n</i> RVVLSVWLN	34	22
>VHL-P86S- <i>v</i> RVVLPVWLN	230	>VHL-P86S- <i>n</i> RVVLSVWLN	140	90



>VHL-P86S- $\nu$ RVVLPVWLN	320	>VHL-P86S- $\eta$ RVVLSVWLN	353	33
>VHL-P86S- $\nu$ PRVVLPVWLI	364	>VHL-P86S- $\eta$ PRVVLSVWLI	292	72
>VHL-P86S- $\nu$ PRVVLPVWL	89	>VHL-P86S- $\eta$ PRVVLSVWL	205	116
>VHL-P86S- $\nu$ PRVVLPVWLI	385	>VHL-P86S- $\eta$ PRVVLSVWLI	775	390
>VHL-P86S- $\nu$ SPRVLPV	21	>VHL-P86S- $\eta$ SPRVLSV	21	0
>VHL-P86S- $\nu$ SPRVLPVW	189	>VHL-P86S- $\eta$ SPRVLSVW	41	148
>VHL-P86S- $\nu$ SPRVLPVWI	61	>VHL-P86S- $\eta$ SPRVLSVWI	45	16
>VHL-P86S- $\nu$ SPRVLPVW	318	>VHL-P86S- $\eta$ SPRVLSVW	360	42
>VHL-P86S- $\nu$ SPRVLPV	251	>VHL-P86S- $\eta$ SPRVLSV	1271	1020
>VHL-P86S- $\nu$ SPRVLPVW	2763	>VHL-P86S- $\eta$ SPRVLSVW	83	2680
>VHL-P86S- $\nu$ SPRVLPVW	42	>VHL-P86S- $\eta$ SPRVLSVW	34	8
>VHL-P86S- $\nu$ RSPRVLPV	488	>VHL-P86S- $\eta$ RSPRVLSV	640	152
>VHL-P86S- $\nu$ RSPRVLPV	301	>VHL-P86S- $\eta$ RSPRVLSV	661	360
>VHL-P86S- $\nu$ RSPRVLPV	130	>VHL-P86S- $\eta$ RSPRVLSV	105	25
>VHL-P86S- $\nu$ RSPRVLPVW	247	>VHL-P86S- $\eta$ RSPRVLSVW	301	54
>VHL-P86S- $\nu$ RSPRVLPVW	147	>VHL-P86S- $\eta$ RSPRVLSVW	141	6
>VHL-P86S- $\nu$ RSPRVLPVW	55	>VHL-P86S- $\eta$ RSPRVLSVW	49	6
>VHL-P86S- $\nu$ RSPRVLPVW	301	>VHL-P86S- $\eta$ RSPRVLSVW	190	111
>VHL-P86S- $\nu$ RSPRVLPVW	48	>VHL-P86S- $\eta$ RSPRVLSVW	45	3
>VHL-P86S- $\nu$ RSPRVLPVW	12	>VHL-P86S- $\eta$ RSPRVLSVW	12	0
>VHL-P86S- $\nu$ RSPRVLPVW	39	>VHL-P86S- $\eta$ RSPRVLSVW	51	12
>VHL-P86S- $\nu$ RSPRVLPVW	4	>VHL-P86S- $\eta$ RSPRVLSVW	3	1
>VHL-P86S- $\nu$ RSPRVLPVW	493	>VHL-P86S- $\eta$ RSPRVLSVW	826	333
>VHL-P86S- $\nu$ RSPRVLPVW	345	>VHL-P86S- $\eta$ RSPRVLSVW	228	117
>VHL-P86S- $\nu$ NRSRVLPV	265	>VHL-P86S- $\eta$ NRSRVLSV	508	243
>VHL-P86S- $\nu$ NRSRVLPV	601	>VHL-P86S- $\eta$ NRSRVLSV	367	234
>VHL-P95R- $\nu$ EPQPYPTL	420	>VHL-P95R- $\eta$ ERQPYPTL	17464	17044
>VHL-P95R- $\nu$ EPQPYPTL	537	>VHL-P95R- $\eta$ ERQPYPTL	260	277
>VHL-P95R- $\nu$ EPQPYPTL	20391	>VHL-P95R- $\eta$ ERQPYPTL	350	20041
>VHL-P95R- $\nu$ LPVWLNFDG	39022	>VHL-P95R- $\eta$ LPVWLNFDG	381	38641
>VHL-P95R- $\nu$ LPVWLNFDG	538	>VHL-P95R- $\eta$ LPVWLNFDG	347	191
>VHL-P95R- $\nu$ LPVWLNFDG	345	>VHL-P95R- $\eta$ LPVWLNFDG	1100	755
>VHL-P95R- $\nu$ GEPQPYPTL	197	>VHL-P95R- $\eta$ GERQPYPTL	101	96
>VHL-P95R- $\nu$ GEPQPYPT	688	>VHL-P95R- $\eta$ GERQPYPT	69	619
>VHL-P95R- $\nu$ GEPQPYPTL	460	>VHL-P95R- $\eta$ GERQPYPTL	50	410
>VHL-P95R- $\nu$ GEPQPYPT	3932	>VHL-P95R- $\eta$ GERQPYPT	157	3775
>VHL-P95R- $\nu$ NFDGERQP	338	>VHL-P95R- $\eta$ NFDGERQP	823	485
>VHL-P95R- $\nu$ LNFDGERQP	165	>VHL-P95R- $\eta$ LNFDGERQP	159	6
>VHL-P95R- $\nu$ LNFDGERQP	111	>VHL-P95R- $\eta$ LNFDGERQP	136	25
>VHL-P95R- $\nu$ WLNFDGERQ	50	>VHL-P95R- $\eta$ WLNFDGERQ	84	34
>VHL-P95R- $\nu$ WLNFDGERQ	854	>VHL-P95R- $\eta$ WLNFDGERQ	468	386
>VHL-P95R- $\nu$ WLNFDGERQ	54	>VHL-P95R- $\eta$ WLNFDGERQ	54	0
>VHL-P95R- $\nu$ WLNFDGERQ	52	>VHL-P95R- $\eta$ WLNFDGERQ	76	24

>VHL-P95R-w WLNFDGEPQ	102	>VHL-P95R-n WLNFDGERC	166	64
>VHL-P95R-w WLNFDGEPQ	90	>VHL-P95R-n WLNFDGERC	179	89
>VHL-P95R-w WLNFDGEPQ	182	>VHL-P95R-n WLNFDGERC	148	34
>VHL-P95R-w VWLNFDGEP	25450	>VHL-P95R-n VWLNFDGER	37	25413
>VHL-P95R-w VWLNFDGEP	304	>VHL-P95R-n VWLNFDGER	364	60
>VHL-P95R-w PVWLNFDGE	34581	>VHL-P95R-n PVWLNFDGE	372	34209
>VHL-P99L-w PTLPPGTGRR	5984	>VHL-P99L-r LTLPPGTGRR	378	5606
>VHL-P99L-w PTLPPGTGR	2755	>VHL-P99L-r LTLPPGTGR	103	2652
>VHL-P99L-w PTLPPGTGRR	4060	>VHL-P99L-r LTLPPGTGRR	412	3648
>VHL-P99L-w PTLPPGTGR	4703	>VHL-P99L-r LTLPPGTGR	317	4386
>VHL-P99L-w PTLPPGTGRR	1073	>VHL-P99L-r LTLPPGTGRR	15	1058
>VHL-P99L-w PTLPPGTGRR	4380	>VHL-P99L-r LTLPPGTGRR	47	4333
>VHL-P99L-w PTLPPGTGRR	139	>VHL-P99L-r LTLPPGTGRR	12	127
>VHL-P99L-w YPTLPPGT	25342	>VHL-P99L-r YLTLPPGT	91	25251
>VHL-P99L-w YPTLPPGT	22617	>VHL-P99L-r YLTLPPGT	228	22389
>VHL-P99L-w YPTLPPGT	34555	>VHL-P99L-r YLTLPPGT	36	34519
>VHL-P99L-w YPTLPPGTGR	474	>VHL-P99L-r YLTLPPGTGR	79	395
>VHL-P99L-w YPTLPPGTGR	2156	>VHL-P99L-r YLTLPPGTGR	320	1836
>VHL-P99L-w YPTLPPGT	313	>VHL-P99L-r YLTLPPGT	30611	30298
>VHL-P99L-w YPTLPPGTG	410	>VHL-P99L-r YLTLPPGTG	30641	30231
>VHL-P99L-w LNFDGEPQP\	40359	>VHL-P99L-r LNFDGEPQP\	370	39989
>VHL-P99L-w PYPTLPPGTG	66	>VHL-P99L-r PYLTLPPGTG	41	25
>VHL-P99L-w QPYPTLPPG	497	>VHL-P99L-r QPYLTLPPG	1190	693
>VHL-P99L-w QPYPTLPPG	159	>VHL-P99L-r QPYLTLPPG	66	93
>VHL-P99L-w EPQPYPTL	420	>VHL-P99L-r EPQPYLTL	376	44
>VHL-P99L-w GEPQPYPTL	197	>VHL-P99L-r GEPQPYLTL	127	70
>VHL-P99L-w GEPQPYPTL	460	>VHL-P99L-r GEPQPYLTL	598	138
>VHL-P99L-w NFDGEPQPYI	5923	>VHL-P99L-r NFDGEPQPYI	85	5838
>VHL-Q132H QTELFVPSLN'	604	>VHL-Q132H HTELFVPSLN'	314	290
>VHL-Q132H QTELFVPSL	386	>VHL-Q132H HTELFVPSL	241	145
>VHL-Q132H QTELFVPSLN'	74	>VHL-Q132H HTELFVPSLN'	44	30
>VHL-Q132H QTELFVPSL	59	>VHL-Q132H HTELFVPSL	25	34
>VHL-Q132H QTELFVPSLN'	1331	>VHL-Q132H HTELFVPSLN'	410	921
>VHL-Q132H QTELFVPSL	80	>VHL-Q132H HTELFVPSL	144	64
>VHL-Q132H NQTELFVPS	68	>VHL-Q132H NHTELFVPS	22353	22285
>VHL-Q132H NQTELFVPSL	231	>VHL-Q132H NHTELFVPSL	12244	12013
>VHL-Q132H NQTELFVPSL	316	>VHL-Q132H NHTELFVPSL	2756	2440
>VHL-Q132H NQTELFVPSL	42	>VHL-Q132H NHTELFVPSL	24	18
>VHL-Q132H LVNQTELFV	493	>VHL-Q132H LVNHTELFV	304	189
>VHL-Q132H LVNQTELFV	423	>VHL-Q132H LVNHTELFV	144	279
>VHL-Q132H LVNQTELFV	137	>VHL-Q132H LVNHTELFV	88	49
>VHL-Q132H LVNQTELFV	66	>VHL-Q132H LVNHTELFV	125	59
>VHL-Q132H LVNQTELFV	56	>VHL-Q132H LVNHTELFV	98	42

>VHL-Q132H LVNQTELFV	17	>VHL-Q132H LVNHTELFV	45	28
>VHL-Q132H LVNQTELF	220	>VHL-Q132H LVNHTELF	204	16
>VHL-Q132H LVNQTELF	748	>VHL-Q132H LVNHTELF	268	480
>VHL-Q132H LVNQTELF	74	>VHL-Q132H LVNHTELF	74	0
>VHL-Q132H LLVNQTEL	146	>VHL-Q132H LLVNHTEL	136	10
>VHL-Q132H LLVNQTELFV	17	>VHL-Q132H LLVNHTELFV	14	3
>VHL-Q132H LLVNQTEL	11	>VHL-Q132H LLVNHTEL	11	0
>VHL-Q132H LLVNQTELF	408	>VHL-Q132H LLVNHTELF	190	218
>VHL-Q132H LLVNQTELFV	15	>VHL-Q132H LLVNHTELFV	12	3
>VHL-Q132H LLVNQTEL	32	>VHL-Q132H LLVNHTEL	16	16
>VHL-Q132H LLVNQTELFV	28	>VHL-Q132H LLVNHTELFV	23	5
>VHL-Q132H LLVNQTEL	155	>VHL-Q132H LLVNHTEL	101	54
>VHL-Q132H LLVNQTELF	1048	>VHL-Q132H LLVNHTELF	399	649
>VHL-Q132H LLVNQTELFV	61	>VHL-Q132H LLVNHTELFV	57	4
>VHL-Q132H LLVNQTEL	20	>VHL-Q132H LLVNHTEL	12	8
>VHL-Q132H LLVNQTELFV	3	>VHL-Q132H LLVNHTELFV	3	0
>VHL-Q132H LLVNQTEL	29	>VHL-Q132H LLVNHTEL	44	15
>VHL-Q132H LLVNQTELFV	6	>VHL-Q132H LLVNHTELFV	5	1
>VHL-Q132H LLVNQTEL	65	>VHL-Q132H LLVNHTEL	141	76
>VHL-Q132H LLVNQTELFV	7	>VHL-Q132H LLVNHTELFV	8	1
>VHL-Q132H LLVNQTEL	279	>VHL-Q132H LLVNHTEL	642	363
>VHL-Q132H LLVNQTELFV	9	>VHL-Q132H LLVNHTELFV	13	4
>VHL-Q132H LLVNQTEL	3	>VHL-Q132H LLVNHTEL	3	0
>VHL-Q132H LLVNQTELFV	2	>VHL-Q132H LLVNHTELFV	2	0
>VHL-Q132H LLVNQTELF	907	>VHL-Q132H LLVNHTELF	316	591
>VHL-Q132H LLVNQTELF	784	>VHL-Q132H LLVNHTELF	389	395
>VHL-Q132H LLVNQTELF	645	>VHL-Q132H LLVNHTELF	423	222
>VHL-Q132H LLVNQTELF	85	>VHL-Q132H LLVNHTELF	52	33
>VHL-Q132H LLVNQTEL	668	>VHL-Q132H LLVNHTEL	379	289
>VHL-Q132H LLVNQTELF	77	>VHL-Q132H LLVNHTELF	50	27
>VHL-Q132H GLLVNQTEL	76	>VHL-Q132H GLLVNHTEL	185	109
>VHL-Q132H GLLVNQTEL	171	>VHL-Q132H GLLVNHTEL	588	417
>VHL-Q132H GLLVNQTELF	31	>VHL-Q132H GLLVNHTELF'	46	15
>VHL-Q132H GLLVNQTEL	66	>VHL-Q132H GLLVNHTEL	132	66
>VHL-Q132H GLLVNQTELF	83	>VHL-Q132H GLLVNHTELF'	112	29
>VHL-Q132H GLLVNQTELF	237	>VHL-Q132H GLLVNHTELF'	211	26
>VHL-Q132H GLLVNQTELF	81	>VHL-Q132H GLLVNHTELF'	77	4
>VHL-Q132H GLLVNQTEL	27	>VHL-Q132H GLLVNHTEL	17	10
>VHL-Q132H GLLVNQTELF	3	>VHL-Q132H GLLVNHTELF'	3	0
>VHL-Q132H GLLVNQTEL	17	>VHL-Q132H GLLVNHTEL	28	11
>VHL-Q132H GLLVNQTELF	4	>VHL-Q132H GLLVNHTELF'	5	1
>VHL-Q132H GLLVNQTEL	17	>VHL-Q132H GLLVNHTEL	26	9
>VHL-Q132H GLLVNQTELF	4	>VHL-Q132H GLLVNHTELF'	5	1

>VHL-Q132H GLLVNQTEL	74	>VHL-Q132H GLLVNHTEL	491	417
>VHL-Q132H GLLVNQTELF	5	>VHL-Q132H GLLVNHTELF	10	5
>VHL-Q132H GLLVNQTEL	8	>VHL-Q132H GLLVNHTEL	7	1
>VHL-Q132H GLLVNQTELF	4	>VHL-Q132H GLLVNHTELF	4	0
>VHL-Q132H GLLVNQTELF	484	>VHL-Q132H GLLVNHTELF	263	221
>VHL-Q132H HDGLLVNQTI	237	>VHL-Q132H HDGLLVNHTI	236	1
>VHL-Q145H QPIFANITL	10	>VHL-Q145H HPIFANITL	6	4
>VHL-Q145H QPIFANITLPV	151	>VHL-Q145H HPIFANITLPV	69	82
>VHL-Q145H QPIFANITLPV	72	>VHL-Q145H HPIFANITLPV	49	23
>VHL-Q145H QPIFANITL	393	>VHL-Q145H HPIFANITL	32	361
>VHL-Q145H QPIFANITLPV	157	>VHL-Q145H HPIFANITLPV	26	131
>VHL-Q145H QPIFANIT	970	>VHL-Q145H HPIFANIT	211	759
>VHL-Q145H QPIFANITL	51	>VHL-Q145H HPIFANITL	19	32
>VHL-Q145H QPIFANITLPV	148	>VHL-Q145H HPIFANITLPV	42	106
>VHL-Q145H QPIFANITL	118	>VHL-Q145H HPIFANITL	18	100
>VHL-Q145H QPIFANITLPV	1901	>VHL-Q145H HPIFANITLPV	158	1743
>VHL-Q145H QPIFANITL	373	>VHL-Q145H HPIFANITL	132	241
>VHL-Q145H QPIFANIT	1074	>VHL-Q145H HPIFANIT	219	855
>VHL-Q145H QPIFANITLPV	204	>VHL-Q145H HPIFANITLPV	35	169
>VHL-Q145H QPIFANITLPV	2068	>VHL-Q145H HPIFANITLPV	323	1745
>VHL-Q145H GQPIFANI	412	>VHL-Q145H GHPIFANI	620	208
>VHL-Q145H GQPIFANITL	236	>VHL-Q145H GHPIFANITL	7717	7481
>VHL-Q145H GQPIFANI	241	>VHL-Q145H GHPIFANI	24379	24138
>VHL-Q145H GQPIFANITL	430	>VHL-Q145H GHPIFANITL	14702	14272
>VHL-Q145H DGQPIFANI	891	>VHL-Q145H DGHPIFANI	124	767
>VHL-Q145H VDGQPIFANI	444	>VHL-Q145H VDGHPIFANI	261	183
>VHL-Q145H NVDGQPIFANI	756	>VHL-Q145H NVDGHPIFANI	480	276
>VHL-Q145H NVDGQPIFANI	253	>VHL-Q145H NVDGHPIFANI	242	11
>VHL-Q145H NVDGQPIFANI	817	>VHL-Q145H NVDGHPIFANI	338	479
>VHL-Q145H NVDGQPIFANI	61	>VHL-Q145H NVDGHPIFANI	35	26
>VHL-Q145H LNVDGQPIF	423	>VHL-Q145H LNVDGHPIF	301	122
>VHL-Q145H SLNVDGQPI	596	>VHL-Q145H SLNVDGHPI	349	247
>VHL-Q145H SLNVDGQPIF	836	>VHL-Q145H SLNVDGHPIF	407	429
>VHL-Q145H SLNVDGQPI	169	>VHL-Q145H SLNVDGHPI	44	125
>VHL-Q145H SLNVDGQPIF	120	>VHL-Q145H SLNVDGHPIF	58	62
>VHL-Q145H SLNVDGQPI	47	>VHL-Q145H SLNVDGHPI	29	18
>VHL-Q145H SLNVDGQPIF	71	>VHL-Q145H SLNVDGHPIF	38	33
>VHL-Q145H SLNVDGQPI	44	>VHL-Q145H SLNVDGHPI	19	25
>VHL-Q145H SLNVDGQPIF	58	>VHL-Q145H SLNVDGHPIF	36	22
>VHL-Q145H SLNVDGQPI	49	>VHL-Q145H SLNVDGHPI	15	34
>VHL-Q145H SLNVDGQPIF	235	>VHL-Q145H SLNVDGHPIF	140	95
>VHL-Q145H SLNVDGQPI	54	>VHL-Q145H SLNVDGHPI	19	35
>VHL-Q145H SLNVDGQPIF	29	>VHL-Q145H SLNVDGHPIF	24	5

>VHL-Q145H SLNVDGQPI	2972	>VHL-Q145H SLNVDGHPI	470	2502
>VHL-Q145H SLNVDGQPI	53	>VHL-Q145H SLNVDGHPI	17	36
>VHL-Q145H SLNVDGQPIF	42	>VHL-Q145H SLNVDGHPIF	32	10
>VHL-Q145H SLNVDGQPIF	186	>VHL-Q145H SLNVDGHPIF	147	39
>VHL-Q145H SLNVDGQPIF	261	>VHL-Q145H SLNVDGHPIF	205	56
>VHL-Q145H SLNVDGQPIF	93	>VHL-Q145H SLNVDGHPIF	99	6
>VHL-Q145H VPSLNVDGQI	124	>VHL-Q145H VPSLNVDGHI	96	28
>VHL-Q145H VPSLNVDGQI	412	>VHL-Q145H VPSLNVDGHI	369	43
>VHL-Q164H QVVRSLVK	358	>VHL-Q164H HVVRSLVK	107	251
>VHL-Q164H QVVRSLVK	70	>VHL-Q164H HVVRSLVK	74	4
>VHL-Q164H QVVRSLVK	136	>VHL-Q164H HVVRSLVK	14	122
>VHL-Q164H QVVRSLVK	208	>VHL-Q164H HVVRSLVK	78	130
>VHL-Q164H LQVVRSLV	147	>VHL-Q164H LHVVRSLV	11863	11716
>VHL-Q164H LQVVRSLV	14	>VHL-Q164H LHVVRSLV	12083	12069
>VHL-Q164H LQVVRSLV	214	>VHL-Q164H LHVVRSLV	2530	2316
>VHL-Q164H CLQVVRSLV	517	>VHL-Q164H CLHVVRSLV	322	195
>VHL-Q164H CLQVVRSLV	325	>VHL-Q164H CLHVVRSLV	96	229
>VHL-Q164H CLQVVRSL	888	>VHL-Q164H CLHVVRSL	359	529
>VHL-Q164H CLQVVRSLV	456	>VHL-Q164H CLHVVRSLV	174	282
>VHL-Q164H CLQVVRSL	274	>VHL-Q164H CLHVVRSL	209	65
>VHL-Q164H CLQVVRSLV	16	>VHL-Q164H CLHVVRSLV	15	1
>VHL-Q164H CLQVVRSLVK	97	>VHL-Q164H CLHVVRSLVK	80	17
>VHL-Q164H CLQVVRSLVK	305	>VHL-Q164H CLHVVRSLVK	622	317
>VHL-Q164H CLQVVRSLVK	2197	>VHL-Q164H CLHVVRSLVK	45	2152
>VHL-Q164H RCLQVVRSLV	392	>VHL-Q164H RCLHVVRSLV	671	279
>VHL-Q164H RCLQVVRSLV	67	>VHL-Q164H RCLHVVRSLV	21	46
>VHL-Q164H RCLQVVRSL	90	>VHL-Q164H RCLHVVRSL	85	5
>VHL-Q164H ERCLQVVRSL	233	>VHL-Q164H ERCLHVVRSL	375	142
>VHL-Q164H ERCLQVVRSL	432	>VHL-Q164H ERCLHVVRSL	1027	595
>VHL-Q164H ERCLQVVR	491	>VHL-Q164H ERCLHVVR	363	128
>VHL-Q164H KERCLQVV	67	>VHL-Q164H KERCLHVV	45	22
>VHL-Q164H KERCLQVVR	367	>VHL-Q164H KERCLHVVR	93	274
>VHL-Q164H KERCLQVVRS	291	>VHL-Q164H KERCLHVVRS	162	129
>VHL-Q164H KERCLQVVRS	595	>VHL-Q164H KERCLHVVRS	309	286
>VHL-Q164H KERCLQVV	80	>VHL-Q164H KERCLHVV	60	20
>VHL-Q164H KERCLQVVRS	27	>VHL-Q164H KERCLHVVRS	24	3
>VHL-Q164H KERCLQVV	148	>VHL-Q164H KERCLHVV	75	73
>VHL-Q164H KERCLQVVRS	39	>VHL-Q164H KERCLHVVRS	55	16
>VHL-Q164H TLKERCLQV	403	>VHL-Q164H TLKERCLHV	464	61
>VHL-Q164H TLKERCLQVV	559	>VHL-Q164H TLKERCLHVV	399	160
>VHL-Q164H TLKERCLQV	328	>VHL-Q164H TLKERCLHV	502	174
>VHL-Q164H TLKERCLQVV	514	>VHL-Q164H TLKERCLHVV	263	251
>VHL-Q164H TLKERCLQV	7	>VHL-Q164H TLKERCLHV	9	2

>VHL-Q164H TLKERCLQVV	50	>VHL-Q164H TLKERCLHVV	31	19
>VHL-Q164H TLKERCLQV	909	>VHL-Q164H TLKERCLHV	243	666
>VHL-Q164H TLKERCLQV	186	>VHL-Q164H TLKERCLHV	341	155
>VHL-Q164H TLKERCLQVV	141	>VHL-Q164H TLKERCLHVV	85	56
>VHL-Q164H TLKERCLQV	1011	>VHL-Q164H TLKERCLHV	364	647
>VHL-Q164H TLKERCLQVV	109	>VHL-Q164H TLKERCLHVV	39	70
>VHL-Q164H TLKERCLQV	308	>VHL-Q164H TLKERCLHV	156	152
>VHL-Q164H TLKERCLQVV	369	>VHL-Q164H TLKERCLHVV	157	212
>VHL-Q164H TLKERCLQVV	1003	>VHL-Q164H TLKERCLHVV	349	654
>VHL-Q164H TLKERCLQV	3	>VHL-Q164H TLKERCLHV	4	1
>VHL-Q164H TLKERCLQVV	4	>VHL-Q164H TLKERCLHVV	3	1
>VHL-Q164H TLKERCLQVV	58	>VHL-Q164H TLKERCLHVV	34	24
>VHL-Q164H TLKERCLQVV	96	>VHL-Q164H TLKERCLHVV	55	41
>VHL-Q164H TLKERCLQVV	211	>VHL-Q164H TLKERCLHVV	180	31
>VHL-Q164H TLKERCLQV	84	>VHL-Q164H TLKERCLHV	70	14
>VHL-Q164H TLKERCLQVV	436	>VHL-Q164H TLKERCLHVV	259	177
>VHL-Q164H YTLKERCLQV	93	>VHL-Q164H YTLKERCLHV	68	25
>VHL-Q164H YTLKERCLQV'	308	>VHL-Q164H YTLKERCLHV'	149	159
>VHL-Q164H YTLKERCLQV	127	>VHL-Q164H YTLKERCLHV	96	31
>VHL-Q164H YTLKERCLQV	39	>VHL-Q164H YTLKERCLHV	37	2
>VHL-Q164H YTLKERCLQV'	83	>VHL-Q164H YTLKERCLHV'	48	35
>VHL-Q164H YTLKERCLQV	32	>VHL-Q164H YTLKERCLHV	53	21
>VHL-Q164H YTLKERCLQV'	28	>VHL-Q164H YTLKERCLHV'	18	10
>VHL-Q164H YTLKERCLQV	860	>VHL-Q164H YTLKERCLHV	336	524
>VHL-Q164H YTLKERCLQV'	95	>VHL-Q164H YTLKERCLHV'	47	48
>VHL-Q164H YTLKERCLQV	31	>VHL-Q164H YTLKERCLHV	24	7
>VHL-Q164H YTLKERCLQV'	40	>VHL-Q164H YTLKERCLHV'	26	14
>VHL-Q164H YTLKERCLQV'	416	>VHL-Q164H YTLKERCLHV'	158	258
>VHL-Q164H YTLKERCLQV	19	>VHL-Q164H YTLKERCLHV	35	16
>VHL-Q164H YTLKERCLQV'	21	>VHL-Q164H YTLKERCLHV'	13	8
>VHL-Q164H YTLKERCLQV'	819	>VHL-Q164H YTLKERCLHV'	286	533
>VHL-Q164H YTLKERCLQV	14	>VHL-Q164H YTLKERCLHV	24	10
>VHL-Q164H YTLKERCLQV'	53	>VHL-Q164H YTLKERCLHV'	17	36
>VHL-Q164H YTLKERCLQV	211	>VHL-Q164H YTLKERCLHV	619	408
>VHL-Q164H YTLKERCLQ	1689	>VHL-Q164H YTLKERCLH	337	1352
>VHL-Q164H YTLKERCLQV'	130	>VHL-Q164H YTLKERCLHV'	142	12
>VHL-Q164L-QVVRSLVK	358	>VHL-Q164L-LVVRSLVK	194	164
>VHL-Q164L-QVVRSLVK	70	>VHL-Q164L-LVVRSLVK	54	16
>VHL-Q164L-QVVRSLVK	136	>VHL-Q164L-LVVRSLVK	93	43
>VHL-Q164L-QVVRSLVK	208	>VHL-Q164L-LVVRSLVK	291	83
>VHL-Q164L-LQVVRSLV	3147	>VHL-Q164L-LLVVRSLV	297	2850
>VHL-Q164L-LQVVRSLV	559	>VHL-Q164L-LLVVRSLV	41	518
>VHL-Q164L-LQVVRSLV	147	>VHL-Q164L-LLVVRSLV	16	131

>VHL-Q164L-LQVVRSLV	14	>VHL-Q164L-LLVVRSLV	77	63
>VHL-Q164L-LQVVRSLV	2875	>VHL-Q164L-LLVVRSLV	22	2853
>VHL-Q164L-LQVVRSLV	4007	>VHL-Q164L-LLVVRSLV	79	3928
>VHL-Q164L-LQVVRSLV	5770	>VHL-Q164L-LLVVRSLV	33	5737
>VHL-Q164L-LQVVRSLV	15248	>VHL-Q164L-LLVVRSLV	276	14972
>VHL-Q164L-LQVVRSLV	1871	>VHL-Q164L-LLVVRSLV	3	1868
>VHL-Q164L-LQVVRSLVK	660	>VHL-Q164L-LLVVRSLVK	75	585
>VHL-Q164L-LQVVRSLVK	514	>VHL-Q164L-LLVVRSLVK	402	112
>VHL-Q164L-LQVVRSLV	214	>VHL-Q164L-LLVVRSLV	3563	3349
>VHL-Q164L-PVYTLKERCLC	15850	>VHL-Q164L-PVYTLKERCLI	485	15365
>VHL-Q164L-CLQVVRSLV	517	>VHL-Q164L-CLLVVRSLV	385	132
>VHL-Q164L-CLQVVRSLV	325	>VHL-Q164L-CLLVVRSLV	342	17
>VHL-Q164L-CLQVVRSL	888	>VHL-Q164L-CLLVVRSL	84	804
>VHL-Q164L-CLQVVRSLV	456	>VHL-Q164L-CLLVVRSLV	38	418
>VHL-Q164L-CLQVVRSLV	920	>VHL-Q164L-CLLVVRSLV	395	525
>VHL-Q164L-CLQVVRSLV	1170	>VHL-Q164L-CLLVVRSLV	39	1131
>VHL-Q164L-CLQVVRSL	3681	>VHL-Q164L-CLLVVRSL	341	3340
>VHL-Q164L-CLQVVRSLV	1839	>VHL-Q164L-CLLVVRSLV	97	1742
>VHL-Q164L-CLQVVRSL	274	>VHL-Q164L-CLLVVRSL	121	153
>VHL-Q164L-CLQVVRSLV	16	>VHL-Q164L-CLLVVRSLV	11	5
>VHL-Q164L-CLQVVRSLVK	97	>VHL-Q164L-CLLVVRSLVK	41	56
>VHL-Q164L-CLQVVRSLVK	305	>VHL-Q164L-CLLVVRSLVK	142	163
>VHL-Q164L-RCLQVVRSLV	392	>VHL-Q164L-RCLLVVRSLV	1410	1018
>VHL-Q164L-RCLQVVRSLV	67	>VHL-Q164L-RCLLVVRSLVI	36	31
>VHL-Q164L-RCLQVVRSL	90	>VHL-Q164L-RCLLVVRSL	137	47
>VHL-Q164L-ERCLQVVRSL	233	>VHL-Q164L-ERCLLVVRSL	151	82
>VHL-Q164L-ERCLQVVRSL	432	>VHL-Q164L-ERCLLVVRSL	347	85
>VHL-Q164L-ERCLQVVR	491	>VHL-Q164L-ERCLLVVR	384	107
>VHL-Q164L-KERCLQVV	67	>VHL-Q164L-KERCLLVV	59	8
>VHL-Q164L-KERCLQVVR	367	>VHL-Q164L-KERCLLVVR	244	123
>VHL-Q164L-KERCLQVVRS	291	>VHL-Q164L-KERCLLVVRSI	385	94
>VHL-Q164L-KERCLQVVRS	595	>VHL-Q164L-KERCLLVVRSI	447	148
>VHL-Q164L-KERCLQVV	80	>VHL-Q164L-KERCLLVV	62	18
>VHL-Q164L-KERCLQVVRS	27	>VHL-Q164L-KERCLLVVRSI	28	1
>VHL-Q164L-KERCLQVV	148	>VHL-Q164L-KERCLLVV	173	25
>VHL-Q164L-KERCLQVVRS	39	>VHL-Q164L-KERCLLVVRSI	18	21
>VHL-Q164L-TLKERCLQV	403	>VHL-Q164L-TLKERCLLV	177	226
>VHL-Q164L-TLKERCLQVV	559	>VHL-Q164L-TLKERCLLVV	122	437
>VHL-Q164L-TLKERCLQ	11424	>VHL-Q164L-TLKERCLL	179	11245
>VHL-Q164L-TLKERCLQV	328	>VHL-Q164L-TLKERCLLV	142	186
>VHL-Q164L-TLKERCLQVV	514	>VHL-Q164L-TLKERCLLVV	182	332
>VHL-Q164L-TLKERCLQ	8300	>VHL-Q164L-TLKERCLL	107	8193
>VHL-Q164L-TLKERCLQV	7	>VHL-Q164L-TLKERCLLV	7	0

>VHL-Q164L-TLKERCLQVV	50	>VHL-Q164L-TLKERCLLVV	24	26
>VHL-Q164L-TLKERCLQV	909	>VHL-Q164L-TLKERCLLV	436	473
>VHL-Q164L-TLKERCLQVV	2984	>VHL-Q164L-TLKERCLLVV	482	2502
>VHL-Q164L-TLKERCLQV	186	>VHL-Q164L-TLKERCLLV	390	204
>VHL-Q164L-TLKERCLQVV	141	>VHL-Q164L-TLKERCLLVV	192	51
>VHL-Q164L-TLKERCLQVV	109	>VHL-Q164L-TLKERCLLVV	132	23
>VHL-Q164L-TLKERCLQV	308	>VHL-Q164L-TLKERCLLV	406	98
>VHL-Q164L-TLKERCLQVV	369	>VHL-Q164L-TLKERCLLVV	356	13
>VHL-Q164L-TLKERCLQ	850	>VHL-Q164L-TLKERCLL	17	833
>VHL-Q164L-TLKERCLQV	3	>VHL-Q164L-TLKERCLLV	5	2
>VHL-Q164L-TLKERCLQVV	4	>VHL-Q164L-TLKERCLLVV	5	1
>VHL-Q164L-TLKERCLQVV	58	>VHL-Q164L-TLKERCLLVVF	45	13
>VHL-Q164L-TLKERCLQVV	96	>VHL-Q164L-TLKERCLLVVF	76	20
>VHL-Q164L-TLKERCLQVV	211	>VHL-Q164L-TLKERCLLVVF	243	32
>VHL-Q164L-TLKERCLQ	7625	>VHL-Q164L-TLKERCLL	108	7517
>VHL-Q164L-TLKERCLQV	84	>VHL-Q164L-TLKERCLLV	281	197
>VHL-Q164L-TLKERCLQVV	436	>VHL-Q164L-TLKERCLLVVF	428	8
>VHL-Q164L-YTLKERCLQV	93	>VHL-Q164L-YTLKERCLLV	42	51
>VHL-Q164L-YTLKERCLQV'	308	>VHL-Q164L-YTLKERCLLV\	177	131
>VHL-Q164L-YTLKERCLQV	991	>VHL-Q164L-YTLKERCLLV	397	594
>VHL-Q164L-YTLKERCLQV	127	>VHL-Q164L-YTLKERCLLV	69	58
>VHL-Q164L-YTLKERCLQV	39	>VHL-Q164L-YTLKERCLLV	31	8
>VHL-Q164L-YTLKERCLQV'	83	>VHL-Q164L-YTLKERCLLV\	51	32
>VHL-Q164L-YTLKERCLQV	32	>VHL-Q164L-YTLKERCLLV	54	22
>VHL-Q164L-YTLKERCLQV'	28	>VHL-Q164L-YTLKERCLLV\	32	4
>VHL-Q164L-YTLKERCLQV'	95	>VHL-Q164L-YTLKERCLLV\	125	30
>VHL-Q164L-YTLKERCLQV	31	>VHL-Q164L-YTLKERCLLV	39	8
>VHL-Q164L-YTLKERCLQV'	40	>VHL-Q164L-YTLKERCLLV\	38	2
>VHL-Q164L-YTLKERCLQV'	416	>VHL-Q164L-YTLKERCLLV\	557	141
>VHL-Q164L-YTLKERCLQ	13526	>VHL-Q164L-YTLKERCLL	294	13232
>VHL-Q164L-YTLKERCLQV	19	>VHL-Q164L-YTLKERCLLV	35	16
>VHL-Q164L-YTLKERCLQV'	21	>VHL-Q164L-YTLKERCLLV\	36	15
>VHL-Q164L-YTLKERCLQ	11357	>VHL-Q164L-YTLKERCLL	335	11022
>VHL-Q164L-YTLKERCLQV	14	>VHL-Q164L-YTLKERCLLV	20	6
>VHL-Q164L-YTLKERCLQV'	53	>VHL-Q164L-YTLKERCLLV\	43	10
>VHL-Q164L-YTLKERCLQ	11656	>VHL-Q164L-YTLKERCLL	41	11615
>VHL-Q164L-YTLKERCLQV	211	>VHL-Q164L-YTLKERCLLV	902	691
>VHL-Q164L-YTLKERCLQ	1689	>VHL-Q164L-YTLKERCLL	135	1554
>VHL-Q164L-YTLKERCLQV'	130	>VHL-Q164L-YTLKERCLLV\	117	13
>VHL-Q164L-VYTLKERCLQ	11542	>VHL-Q164L-VYTLKERCLL	345	11197
>VHL-Q164P·QVVRSLVK	358	>VHL-Q164P·PVVRSLVK	2837	2479
>VHL-Q164P·QVVRSLVK	70	>VHL-Q164P·PVVRSLVK	882	812
>VHL-Q164P·QVVRSLVK	136	>VHL-Q164P·PVVRSLVK	811	675



>VHL-Q164P·QVVRSLVK	208	>VHL-Q164P·PVVRSLVK	5263	5055
>VHL-Q164P·LQVVRSLV	147	>VHL-Q164P·LPVVRSLV	13779	13632
>VHL-Q164P·LQVVRSLV	14	>VHL-Q164P·LPVVRSLV	12243	12229
>VHL-Q164P·LQVVRSLV	25535	>VHL-Q164P·LPVVRSLV	180	25355
>VHL-Q164P·LQVVRSLV	214	>VHL-Q164P·LPVVRSLV	9940	9726
>VHL-Q164P·LQVVRSLV	14136	>VHL-Q164P·LPVVRSLV	162	13974
>VHL-Q164P·LQVVRSLV	16955	>VHL-Q164P·LPVVRSLV	21	16934
>VHL-Q164P·LQVVRSLVKP	27186	>VHL-Q164P·LPVVRSLVKP	450	26736
>VHL-Q164P·CLQVVRSLV	517	>VHL-Q164P·CLPVVRSLV	357	160
>VHL-Q164P·CLQVVRSLV	325	>VHL-Q164P·CLPVVRSLV	150	175
>VHL-Q164P·CLQVVRSLV	456	>VHL-Q164P·CLPVVRSLV	325	131
>VHL-Q164P·CLQVVRSL	274	>VHL-Q164P·CLPVVRSL	285	11
>VHL-Q164P·CLQVVRSLV	16	>VHL-Q164P·CLPVVRSLV	17	1
>VHL-Q164P·CLQVVRSLVK	97	>VHL-Q164P·CLPVVRSLVK	150	53
>VHL-Q164P·CLQVVRSLVK	305	>VHL-Q164P·CLPVVRSLVK	293	12
>VHL-Q164P·CLQVVRSLV	1882	>VHL-Q164P·CLPVVRSLV	286	1596
>VHL-Q164P·RCLQVVRSLV	392	>VHL-Q164P·RCLPVVRSLV	305	87
>VHL-Q164P·RCLQVVRSLV	67	>VHL-Q164P·RCLPVVRSLV	19	48
>VHL-Q164P·RCLQVVRSL	90	>VHL-Q164P·RCLPVVRSL	172	82
>VHL-Q164P·ERCLQVVRSL	233	>VHL-Q164P·ERCLPVVRSL	405	172
>VHL-Q164P·ERCLQVVRSL	432	>VHL-Q164P·ERCLPVVRSL	449	17
>VHL-Q164P·ERCLQVVR	491	>VHL-Q164P·ERCLPVVR	541	50
>VHL-Q164P·KERCLQVV	67	>VHL-Q164P·KERCLPVV	198	131
>VHL-Q164P·KERCLQVVR	367	>VHL-Q164P·KERCLPVVR	890	523
>VHL-Q164P·KERCLQVVRS	291	>VHL-Q164P·KERCLPVVRS	215	76
>VHL-Q164P·KERCLQVV	80	>VHL-Q164P·KERCLPVV	93	13
>VHL-Q164P·KERCLQVVRS	27	>VHL-Q164P·KERCLPVVRS	43	16
>VHL-Q164P·KERCLQVV	148	>VHL-Q164P·KERCLPVV	178	30
>VHL-Q164P·KERCLQVVRS	39	>VHL-Q164P·KERCLPVVRS	39	0
>VHL-Q164P·TLKERCLQV	403	>VHL-Q164P·TLKERCLPV	147	256
>VHL-Q164P·TLKERCLQVV	559	>VHL-Q164P·TLKERCLPVV	149	410
>VHL-Q164P·TLKERCLQV	328	>VHL-Q164P·TLKERCLPV	189	139
>VHL-Q164P·TLKERCLQVV	514	>VHL-Q164P·TLKERCLPVV	423	91
>VHL-Q164P·TLKERCLQV	7	>VHL-Q164P·TLKERCLPV	5	2
>VHL-Q164P·TLKERCLQVV	50	>VHL-Q164P·TLKERCLPVV	46	4
>VHL-Q164P·TLKERCLQV	909	>VHL-Q164P·TLKERCLPV	129	780
>VHL-Q164P·TLKERCLQVV	2984	>VHL-Q164P·TLKERCLPVV	419	2565
>VHL-Q164P·TLKERCLQV	186	>VHL-Q164P·TLKERCLPV	168	18
>VHL-Q164P·TLKERCLQVV	141	>VHL-Q164P·TLKERCLPVV	110	31
>VHL-Q164P·TLKERCLQV	1011	>VHL-Q164P·TLKERCLPV	195	816
>VHL-Q164P·TLKERCLQVV	109	>VHL-Q164P·TLKERCLPVV	84	25
>VHL-Q164P·TLKERCLQV	308	>VHL-Q164P·TLKERCLPV	297	11
>VHL-Q164P·TLKERCLQVV	369	>VHL-Q164P·TLKERCLPVV	125	244

>VHL-Q164P·TLKERCLQV	3	>VHL-Q164P·TLKERCLPV	4	1
>VHL-Q164P·TLKERCLQVV	4	>VHL-Q164P·TLKERCLPVV	5	1
>VHL-Q164P·TLKERCLQVV	58	>VHL-Q164P·TLKERCLPVVI	69	11
>VHL-Q164P·TLKERCLQVV	96	>VHL-Q164P·TLKERCLPVVI	107	11
>VHL-Q164P·TLKERCLQVV	211	>VHL-Q164P·TLKERCLPVVI	343	132
>VHL-Q164P·TLKERCLQV	84	>VHL-Q164P·TLKERCLPV	37	47
>VHL-Q164P·TLKERCLQVV	436	>VHL-Q164P·TLKERCLPVVI	245	191
>VHL-Q164P·YTLKERCLQV	93	>VHL-Q164P·YTLKERCLPV	28	65
>VHL-Q164P·YTLKERCLQV'	308	>VHL-Q164P·YTLKERCLPV\	136	172
>VHL-Q164P·YTLKERCLQV	991	>VHL-Q164P·YTLKERCLPV	281	710
>VHL-Q164P·YTLKERCLQV	127	>VHL-Q164P·YTLKERCLPV	47	80
>VHL-Q164P·YTLKERCLQV	39	>VHL-Q164P·YTLKERCLPV	23	16
>VHL-Q164P·YTLKERCLQV'	83	>VHL-Q164P·YTLKERCLPV\	47	36
>VHL-Q164P·YTLKERCLQV	32	>VHL-Q164P·YTLKERCLPV	30	2
>VHL-Q164P·YTLKERCLQV'	28	>VHL-Q164P·YTLKERCLPV\	23	5
>VHL-Q164P·YTLKERCLQV	860	>VHL-Q164P·YTLKERCLPV	203	657
>VHL-Q164P·YTLKERCLQV'	95	>VHL-Q164P·YTLKERCLPV\	92	3
>VHL-Q164P·YTLKERCLQV	31	>VHL-Q164P·YTLKERCLPV	37	6
>VHL-Q164P·YTLKERCLQV'	40	>VHL-Q164P·YTLKERCLPV\	20	20
>VHL-Q164P·YTLKERCLQV'	416	>VHL-Q164P·YTLKERCLPV\	223	193
>VHL-Q164P·YTLKERCLQV	19	>VHL-Q164P·YTLKERCLPV	36	17
>VHL-Q164P·YTLKERCLQV'	21	>VHL-Q164P·YTLKERCLPV\	20	1
>VHL-Q164P·YTLKERCLQV	1106	>VHL-Q164P·YTLKERCLPV	406	700
>VHL-Q164P·YTLKERCLQV	14	>VHL-Q164P·YTLKERCLPV	9	5
>VHL-Q164P·YTLKERCLQV'	53	>VHL-Q164P·YTLKERCLPV\	19	34
>VHL-Q164P·YTLKERCLQV	211	>VHL-Q164P·YTLKERCLPV	279	68
>VHL-Q164P·YTLKERCLQV'	130	>VHL-Q164P·YTLKERCLPV\	159	29
>VHL-Q164R·QVVRSLVK	358	>VHL-Q164R·RVVRSLVK	58	300
>VHL-Q164R·QVVRSLVK	70	>VHL-Q164R·RVVRSLVK	25	45
>VHL-Q164R·QVVRSLVK	136	>VHL-Q164R·RVVRSLVK	7	129
>VHL-Q164R·QVVRSLVK	5442	>VHL-Q164R·RVVRSLVK	316	5126
>VHL-Q164R·QVVRSLVK	208	>VHL-Q164R·RVVRSLVK	1082	874
>VHL-Q164R·LQVVRSLV	147	>VHL-Q164R·LRVVRSLV	11603	11456
>VHL-Q164R·LQVVRSLV	14	>VHL-Q164R·LRVVRSLV	11075	11061
>VHL-Q164R·LQVVRSLV	214	>VHL-Q164R·LRVVRSLV	1084	870
>VHL-Q164R·LQVVRSLV	7241	>VHL-Q164R·LRVVRSLV	355	6886
>VHL-Q164R·LQVVRSLVK	2854	>VHL-Q164R·LRVVRSLVK	107	2747
>VHL-Q164R·PVYTLKERCLF	15498	>VHL-Q164R·PVYTLKERCLF	458	15040
>VHL-Q164R·PVYTLKERCLF	15513	>VHL-Q164R·PVYTLKERCLF	305	15208
>VHL-Q164R·PVYTLKERCLF	17506	>VHL-Q164R·PVYTLKERCLF	101	17405
>VHL-Q164R·CLQVVRSLV	325	>VHL-Q164R·CLRVRSLV	179	146
>VHL-Q164R·CLQVVRSLV	456	>VHL-Q164R·CLRVRSLV	1720	1264
>VHL-Q164R·CLQVVRSL	274	>VHL-Q164R·CLRVRSL	540	266

>VHL-Q164R·CLQVVRSLV	16	>VHL-Q164R·CLRVRSLV	23	7
>VHL-Q164R·CLQVVRSLVK	97	>VHL-Q164R·CLRVRSLVK	80	17
>VHL-Q164R·CLQVVRSLVK	305	>VHL-Q164R·CLRVRSLVK	978	673
>VHL-Q164R·CLQVVRSLV	12498	>VHL-Q164R·CLRVRSLV	319	12179
>VHL-Q164R·CLQVVRSLVK	2197	>VHL-Q164R·CLRVRSLVK	9	2188
>VHL-Q164R·CLQVVRSL	2306	>VHL-Q164R·CLRVRSL	254	2052
>VHL-Q164R·RCLQVVRSLV	392	>VHL-Q164R·RCLRVRSLV	552	160
>VHL-Q164R·RCLQVVRSLV	67	>VHL-Q164R·RCLRVRSLV	14	53
>VHL-Q164R·RCLQVVRSL	90	>VHL-Q164R·RCLRVRSL	83	7
>VHL-Q164R·ERCLQVVRSL	233	>VHL-Q164R·ERCLRVRSL	213	20
>VHL-Q164R·ERCLQVVRSL	884	>VHL-Q164R·ERCLRVRSL	448	436
>VHL-Q164R·ERCLQVVRSL	432	>VHL-Q164R·ERCLRVRSL	296	136
>VHL-Q164R·ERCLQVVR	491	>VHL-Q164R·ERCLRVR	438	53
>VHL-Q164R·KERCLQVV	67	>VHL-Q164R·KERCLRVV	28	39
>VHL-Q164R·KERCLQVVR	367	>VHL-Q164R·KERCLRVR	114	253
>VHL-Q164R·KERCLQVVRS	291	>VHL-Q164R·KERCLRVR	229	62
>VHL-Q164R·KERCLQVV	80	>VHL-Q164R·KERCLRVV	89	9
>VHL-Q164R·KERCLQVVRS	27	>VHL-Q164R·KERCLRVR	29	2
>VHL-Q164R·KERCLQVV	148	>VHL-Q164R·KERCLRVV	281	133
>VHL-Q164R·KERCLQVVRS	39	>VHL-Q164R·KERCLRVR	35	4
>VHL-Q164R·TLKERCLQV	403	>VHL-Q164R·TLKERCLR	431	28
>VHL-Q164R·TLKERCLQV	328	>VHL-Q164R·TLKERCLR	591	263
>VHL-Q164R·TLKERCLQV	7	>VHL-Q164R·TLKERCLR	10	3
>VHL-Q164R·TLKERCLQVV	50	>VHL-Q164R·TLKERCLR	44	6
>VHL-Q164R·TLKERCLQV	186	>VHL-Q164R·TLKERCLR	237	51
>VHL-Q164R·TLKERCLQVV	141	>VHL-Q164R·TLKERCLR	303	162
>VHL-Q164R·TLKERCLQVV	109	>VHL-Q164R·TLKERCLR	367	258
>VHL-Q164R·TLKERCLQV	308	>VHL-Q164R·TLKERCLR	698	390
>VHL-Q164R·TLKERCLQVV	369	>VHL-Q164R·TLKERCLR	1819	1450
>VHL-Q164R·TLKERCLQV	3	>VHL-Q164R·TLKERCLR	3	0
>VHL-Q164R·TLKERCLQVV	4	>VHL-Q164R·TLKERCLR	9	5
>VHL-Q164R·TLKERCLQ	11089	>VHL-Q164R·TLKERCLR	37	11052
>VHL-Q164R·TLKERCLQVV	58	>VHL-Q164R·TLKERCLR	40	18
>VHL-Q164R·TLKERCLQ	9049	>VHL-Q164R·TLKERCLR	33	9016
>VHL-Q164R·TLKERCLQVV	96	>VHL-Q164R·TLKERCLR	65	31
>VHL-Q164R·TLKERCLQ	13459	>VHL-Q164R·TLKERCLR	101	13358
>VHL-Q164R·TLKERCLQVV	211	>VHL-Q164R·TLKERCLR	199	12
>VHL-Q164R·TLKERCLQV	84	>VHL-Q164R·TLKERCLR	112	28
>VHL-Q164R·TLKERCLQ	21490	>VHL-Q164R·TLKERCLR	317	21173
>VHL-Q164R·TLKERCLQVV	436	>VHL-Q164R·TLKERCLR	336	100
>VHL-Q164R·YTLKERCLQV	93	>VHL-Q164R·YTLKERCLR	98	5
>VHL-Q164R·YTLKERCLQV	308	>VHL-Q164R·YTLKERCLR	917	609
>VHL-Q164R·YTLKERCLQV	127	>VHL-Q164R·YTLKERCLR	136	9

>VHL-Q164R·YTLKERCLQV	39	>VHL-Q164R·YTLKERCLRV	47	8
>VHL-Q164R·YTLKERCLQV'	83	>VHL-Q164R·YTLKERCLRV\	196	113
>VHL-Q164R·YTLKERCLQV	32	>VHL-Q164R·YTLKERCLRV	38	6
>VHL-Q164R·YTLKERCLQV'	28	>VHL-Q164R·YTLKERCLRV\	55	27
>VHL-Q164R·YTLKERCLQV'	95	>VHL-Q164R·YTLKERCLRV\	326	231
>VHL-Q164R·YTLKERCLQV	31	>VHL-Q164R·YTLKERCLRV	65	34
>VHL-Q164R·YTLKERCLQV'	40	>VHL-Q164R·YTLKERCLRV\	182	142
>VHL-Q164R·YTLKERCLQV'	416	>VHL-Q164R·YTLKERCLRV\	1779	1363
>VHL-Q164R·YTLKERCLQV	19	>VHL-Q164R·YTLKERCLRV	24	5
>VHL-Q164R·YTLKERCLQV'	21	>VHL-Q164R·YTLKERCLRV\	139	118
>VHL-Q164R·YTLKERCLQ	14744	>VHL-Q164R·YTLKERCLR	66	14678
>VHL-Q164R·YTLKERCLQ	10295	>VHL-Q164R·YTLKERCLR	42	10253
>VHL-Q164R·YTLKERCLQ	1975	>VHL-Q164R·YTLKERCLR	8	1967
>VHL-Q164R·YTLKERCLQV	14	>VHL-Q164R·YTLKERCLRV	30	16
>VHL-Q164R·YTLKERCLQV'	53	>VHL-Q164R·YTLKERCLRV\	152	99
>VHL-Q164R·YTLKERCLQV	211	>VHL-Q164R·YTLKERCLRV	260	49
>VHL-Q164R·YTLKERCLQV'	130	>VHL-Q164R·YTLKERCLRV\	151	21
>VHL-Q164R·VYTLKERCLQ	15951	>VHL-Q164R·VYTLKERCLR	72	15879
>VHL-Q164R·VYTLKERCLQ	12671	>VHL-Q164R·VYTLKERCLR	147	12524
>VHL-Q164R·VYTLKERCLQ	10244	>VHL-Q164R·VYTLKERCLR	96	10148
>VHL-Q195R·NVQKDLERL	388	>VHL-Q195R·NVRKDLERL	251	137
>VHL-Q195R·NVQKDLER	864	>VHL-Q195R·NVRKDLER	296	568
>VHL-Q195R·NVQKDLER	163	>VHL-Q195R·NVRKDLER	271	108
>VHL-Q195R·HPNVQKDL	401	>VHL-Q195R·HPNVRKDL	42	359
>VHL-Q195R·HPNVQKDLEI	557	>VHL-Q195R·HPNVRKDLEF	162	395
>VHL-Q195R·HPNVQKDLEI	230	>VHL-Q195R·HPNVRKDLEF	678	448
>VHL-Q195R·LEDHPNVQKI	144	>VHL-Q195R·LEDHPNVRKI	124	20
>VHL-Q96H- $\backslash$ QPYPTLPP	1667	>VHL-Q96H- $\uparrow$ HPYPTLPP	363	1304
>VHL-Q96H- $\backslash$ QPYPTLPPG	497	>VHL-Q96H- $\uparrow$ HPYPTLPPG	90	407
>VHL-Q96H- $\backslash$ QPYPTLPPGT	1755	>VHL-Q96H- $\uparrow$ HPYPTLPPGT	347	1408
>VHL-Q96H- $\backslash$ QPYPTLPP	1150	>VHL-Q96H- $\uparrow$ HPYPTLPP	240	910
>VHL-Q96H- $\backslash$ QPYPTLPPG	159	>VHL-Q96H- $\uparrow$ HPYPTLPPG	37	122
>VHL-Q96H- $\backslash$ QPYPTLPPGT	1826	>VHL-Q96H- $\uparrow$ HPYPTLPPGT	186	1640
>VHL-Q96H- $\backslash$ QPYPTLPPGT	1050	>VHL-Q96H- $\uparrow$ HPYPTLPPGT	232	818
>VHL-Q96H- $\backslash$ EPQPYPTL	1737	>VHL-Q96H- $\uparrow$ EPHPYPTL	371	1366
>VHL-Q96H- $\backslash$ EPQPYPTL	420	>VHL-Q96H- $\uparrow$ EPHPYPTL	360	60
>VHL-Q96H- $\backslash$ EPQPYPTL	537	>VHL-Q96H- $\uparrow$ EPHPYPTL	221	316
>VHL-Q96H- $\backslash$ GEPQPYPTL	197	>VHL-Q96H- $\uparrow$ GEPHPYPTL	153	44
>VHL-Q96H- $\backslash$ GEPQPYPTL	460	>VHL-Q96H- $\uparrow$ GEPHPYPTL	535	75
>VHL-Q96H- $\backslash$ FDGEPQPY	1360	>VHL-Q96H- $\uparrow$ FDGEPHPY	272	1088
>VHL-Q96H- $\backslash$ NFDGEPQPY	338	>VHL-Q96H- $\uparrow$ NFDGEPHPY	86	252
>VHL-Q96H- $\backslash$ NFDGEPQPY	501	>VHL-Q96H- $\uparrow$ NFDGEPHPY	369	132
>VHL-Q96H- $\backslash$ NFDGEPQPY	720	>VHL-Q96H- $\uparrow$ NFDGEPHPY	188	532

>VHL-Q96H-\ LNFDGEPQP\	648	>VHL-Q96H-r LNFDGEPHPY	322	326
>VHL-Q96H-\ LNFDGEPQP\	165	>VHL-Q96H-r LNFDGEPHPY	174	9
>VHL-Q96H-\ LNFDGEPQP\	111	>VHL-Q96H-r LNFDGEPHPY	171	60
>VHL-Q96H-\ WLNFDGEPQ	910	>VHL-Q96H-r WLNFDGEPH	384	526
>VHL-Q96H-\ WLNFDGEPQ	50	>VHL-Q96H-r WLNFDGEPH	21	29
>VHL-Q96H-\ WLNFDGEPQ	854	>VHL-Q96H-r WLNFDGEPH	121	733
>VHL-Q96H-\ WLNFDGEPQ	1027	>VHL-Q96H-r WLNFDGEPH	374	653
>VHL-Q96H-\ WLNFDGEPQ	54	>VHL-Q96H-r WLNFDGEPH	65	11
>VHL-Q96H-\ WLNFDGEPQ	52	>VHL-Q96H-r WLNFDGEPH	53	1
>VHL-Q96H-\ WLNFDGEPQ	102	>VHL-Q96H-r WLNFDGEPH	175	73
>VHL-Q96H-\ WLNFDGEPQ	90	>VHL-Q96H-r WLNFDGEPH	85	5
>VHL-Q96H-\ WLNFDGEPQ	182	>VHL-Q96H-r WLNFDGEPH	92	90
>VHL-R107P- RRIHSYRGH	107	>VHL-R107P- PRIHSYRGH	3055	2948
>VHL-R107P- RRIHSYRGHL	52	>VHL-R107P- PRIHSYRGHL	1249	1197
>VHL-R107P- RRIHSYRGHL'	119	>VHL-R107P- PRIHSYRGHL'	2904	2785
>VHL-R107P- RRIHSYRGH	112	>VHL-R107P- PRIHSYRGH	5972	5860
>VHL-R107P- RRIHSYRGHL	9	>VHL-R107P- PRIHSYRGHL	544	535
>VHL-R107P- RRIHSYRGHL'	134	>VHL-R107P- PRIHSYRGHL'	9525	9391
>VHL-R107P- RRIHSYRG	99	>VHL-R107P- PRIHSYRG	22763	22664
>VHL-R107P- RRIHSYRGH	195	>VHL-R107P- PRIHSYRGH	11952	11757
>VHL-R107P- RRIHSYRGHL	21	>VHL-R107P- PRIHSYRGHL	1100	1079
>VHL-R107P- RRIHSYRGHL'	96	>VHL-R107P- PRIHSYRGHL'	6447	6351
>VHL-R107P- RRIHSYRGH	201	>VHL-R107P- PRIHSYRGH	8028	7827
>VHL-R107P- RRIHSYRGHL	18	>VHL-R107P- PRIHSYRGHL	444	426
>VHL-R107P- RRIHSYRGHL'	336	>VHL-R107P- PRIHSYRGHL'	14730	14394
>VHL-R107P- RRIHSYRGHL'	124	>VHL-R107P- PRIHSYRGHL'	4854	4730
>VHL-R107P- GRRHSYR	1438	>VHL-R107P- GPRIHSYR	402	1036
>VHL-R107P- GRRHSYRGH	15440	>VHL-R107P- GPRIHSYRGH	13	15427
>VHL-R107P- GRRHSYRGH	1579	>VHL-R107P- GPRIHSYRGH	154	1425
>VHL-R107P- GRRHSYRGH	212	>VHL-R107P- GPRIHSYRGH	25121	24909
>VHL-R107P- GRRHSYRGH	174	>VHL-R107P- GPRIHSYRGH	19239	19065
>VHL-R107P- GRRHSYRGH	13	>VHL-R107P- GPRIHSYRGH	13033	13020
>VHL-R107P- PYPTLPPGTG	66	>VHL-R107P- PYPTLPPGTG	30155	30089
>VHL-R107P- TGRRIHSY	24190	>VHL-R107P- TGPRIHSY	233	23957
>VHL-R107P- TGRRIHSYR	148	>VHL-R107P- TGPRIHSYR	15573	15425
>VHL-R107P- TGRRIHSY	185	>VHL-R107P- TGPRIHSY	342	157
>VHL-R107P- TGRRIHSYR	14	>VHL-R107P- TGPRIHSYR	115	101
>VHL-R107P- TGRRIHSYR	104	>VHL-R107P- TGPRIHSYR	73	31
>VHL-R107P- TGRRIHSYR	516	>VHL-R107P- TGPRIHSYR	200	316
>VHL-R107P- GTGRRHSYR	452	>VHL-R107P- GTGPRIHSYR	235	217
>VHL-R107P- GTGRRHSY	643	>VHL-R107P- GTGPRIHSY	421	222
>VHL-R107P- GTGRRHSYR	568	>VHL-R107P- GTGPRIHSYR	243	325
>VHL-R107P- GTGRRHSY	1317	>VHL-R107P- GTGPRIHSY	399	918

>VHL-R107P- GTGRRHSY	415	>VHL-R107P- GTGPRIHSY	789	374
>VHL-R107P- GTGRRHSY	316	>VHL-R107P- GTGPRIHSY	50	266
>VHL-R107P- GTGRRHSY	74	>VHL-R107P- GTGPRIHSY	28	46
>VHL-R107P- GTGRRHSYR	38	>VHL-R107P- GTGPRIHSYR	40	2
>VHL-R107P- GTGRRHSYR	117	>VHL-R107P- GTGPRIHSYR	306	189
>VHL-R107P- GTGRRHSYR	245	>VHL-R107P- GTGPRIHSYR	82	163
>VHL-R107P- GTGRRHSY	439	>VHL-R107P- GTGPRIHSY	989	550
>VHL-R107P- GTGRRHSY	491	>VHL-R107P- GTGPRIHSY	251	240
>VHL-R107P- GTGRRHSY	91	>VHL-R107P- GTGPRIHSY	10	81
>VHL-R107P- GTGRRHSY	131	>VHL-R107P- GTGPRIHSY	102	29
>VHL-R107P- GTGRRHSY	623	>VHL-R107P- GTGPRIHSY	305	318
>VHL-R107P- GTGRRHSYR	400	>VHL-R107P- GTGPRIHSYR	241	159
>VHL-R107P- LPPGTGRRI	2206	>VHL-R107P- LPPGTGPRI	94	2112
>VHL-R107P- LPPGTGRRI	158	>VHL-R107P- LPPGTGPRI	1027	869
>VHL-R107P- LPPGTGRRI	1078	>VHL-R107P- LPPGTGPRI	447	631
>VHL-R107P- LPPGTGRRI	1043	>VHL-R107P- LPPGTGPRI	229	814
>VHL-R107P- TLPPGTGRRI	214	>VHL-R107P- TLPPGTGPRI	67	147
>VHL-R107P- TLPPGTGRRI	1636	>VHL-R107P- TLPPGTGPRI	86	1550
>VHL-R107P- TLPPGTGRRI	83	>VHL-R107P- TLPPGTGPRI	19	64
>VHL-R107P- TLPPGTGRRI	1015	>VHL-R107P- TLPPGTGPR	336	679
>VHL-R107P- PTLPPGTGRRI	139	>VHL-R107P- PTLPPGTGPR	104	35
>VHL-R107P- YPTLPPGTGR	474	>VHL-R107P- YPTLPPGTGP	38553	38079
>VHL-R107P- YPTLPPGTGR	723	>VHL-R107P- YPTLPPGTGP	313	410
>VHL-R161P- RCLQVVRSLV	392	>VHL-R161P- PCLQVVRSLV	4639	4247
>VHL-R161P- RCLQVVRSLV	67	>VHL-R161P- PCLQVVRSLV	6914	6847
>VHL-R161P- RCLQVVRSL	90	>VHL-R161P- PCLQVVRSL	7464	7374
>VHL-R161P- ERCLQVVR	1477	>VHL-R161P- EPCLQVVR	416	1061
>VHL-R161P- ERCLQVVRSL	233	>VHL-R161P- EPCLQVVRSL	29879	29646
>VHL-R161P- ERCLQVVRSL	432	>VHL-R161P- EPCLQVVRSL	31654	31222
>VHL-R161P- ERCLQVVR	491	>VHL-R161P- EPCLQVVR	550	59
>VHL-R161P- ITPVYTLKER	348	>VHL-R161P- ITPVYTLKEP	24671	24323
>VHL-R161P- ITPVYTLKER	20	>VHL-R161P- ITPVYTLKEP	16951	16931
>VHL-R161P- ITPVYTLKER	115	>VHL-R161P- ITPVYTLKEP	25563	25448
>VHL-R161P- ITPVYTLKER	40	>VHL-R161P- ITPVYTLKEP	26338	26298
>VHL-R161P- ITPVYTLKER	394	>VHL-R161P- ITPVYTLKEP	13237	12843
>VHL-R161P- KERCLQVV	67	>VHL-R161P- KEPCLQVV	986	919
>VHL-R161P- KERCLQVVR	367	>VHL-R161P- KEPCLQVVR	3827	3460
>VHL-R161P- KERCLQVVRS	291	>VHL-R161P- KEPCLQVVRS	3795	3504
>VHL-R161P- KERCLQVV	80	>VHL-R161P- KEPCLQVV	887	807
>VHL-R161P- KERCLQVVRS	27	>VHL-R161P- KEPCLQVVRS	250	223
>VHL-R161P- KERCLQVV	148	>VHL-R161P- KEPCLQVV	4478	4330
>VHL-R161P- KERCLQVVRS	39	>VHL-R161P- KEPCLQVVRS	92	53
>VHL-R161P- TLKERCLQV	403	>VHL-R161P- TLKEPCLQV	515	112

>VHL-R161P- TLKERCLQV	328	>VHL-R161P- TLKEPCLQV	700	372
>VHL-R161P- TLKERCLQVV	514	>VHL-R161P- TLKEPCLQVV	336	178
>VHL-R161P- TLKERCLQV	7	>VHL-R161P- TLKEPCLQV	13	6
>VHL-R161P- TLKERCLQVV	50	>VHL-R161P- TLKEPCLQVV	34	16
>VHL-R161P- TLKERCLQV	186	>VHL-R161P- TLKEPCLQV	35	151
>VHL-R161P- TLKERCLQVV	141	>VHL-R161P- TLKEPCLQVV	45	96
>VHL-R161P- TLKERCLQVV	109	>VHL-R161P- TLKEPCLQVV	76	33
>VHL-R161P- TLKERCLQV	308	>VHL-R161P- TLKEPCLQV	240	68
>VHL-R161P- TLKERCLQVV	369	>VHL-R161P- TLKEPCLQVV	253	116
>VHL-R161P- TLKERCLQVV	1003	>VHL-R161P- TLKEPCLQVV	389	614
>VHL-R161P- TLKERCLQV	3	>VHL-R161P- TLKEPCLQV	3	0
>VHL-R161P- TLKERCLQVV	4	>VHL-R161P- TLKEPCLQVV	4	0
>VHL-R161P- TLKERCLQVV	58	>VHL-R161P- TLKEPCLQVV	125	67
>VHL-R161P- TLKERCLQVV	96	>VHL-R161P- TLKEPCLQVV	230	134
>VHL-R161P- TLKERCLQVV	211	>VHL-R161P- TLKEPCLQVV	175	36
>VHL-R161P- TLKERCLQV	2140	>VHL-R161P- TLKEPCLQV	444	1696
>VHL-R161P- TLKERCLQV	84	>VHL-R161P- TLKEPCLQV	12480	12396
>VHL-R161P- TLKERCLQVV	436	>VHL-R161P- TLKEPCLQVV	672	236
>VHL-R161P- YTLKERCLQV	93	>VHL-R161P- YTLKEPCLQV	46	47
>VHL-R161P- YTLKERCLQV'	308	>VHL-R161P- YTLKEPCLQV'	101	207
>VHL-R161P- YTLKERCLQV	991	>VHL-R161P- YTLKEPCLQV	363	628
>VHL-R161P- YTLKERCLQV	127	>VHL-R161P- YTLKEPCLQV	69	58
>VHL-R161P- YTLKERCLQV'	734	>VHL-R161P- YTLKEPCLQV'	302	432
>VHL-R161P- YTLKERCLQV	39	>VHL-R161P- YTLKEPCLQV	32	7
>VHL-R161P- YTLKERCLQV'	83	>VHL-R161P- YTLKEPCLQV'	78	5
>VHL-R161P- YTLKERCL	1939	>VHL-R161P- YTLKEPCL	197	1742
>VHL-R161P- YTLKERCLQV	32	>VHL-R161P- YTLKEPCLQV	7	25
>VHL-R161P- YTLKERCLQV'	28	>VHL-R161P- YTLKEPCLQV'	7	21
>VHL-R161P- YTLKERCLQV	860	>VHL-R161P- YTLKEPCLQV	194	666
>VHL-R161P- YTLKERCLQV'	95	>VHL-R161P- YTLKEPCLQV'	22	73
>VHL-R161P- YTLKERCL	2311	>VHL-R161P- YTLKEPCL	90	2221
>VHL-R161P- YTLKERCLQV	31	>VHL-R161P- YTLKEPCLQV	15	16
>VHL-R161P- YTLKERCLQV'	40	>VHL-R161P- YTLKEPCLQV'	17	23
>VHL-R161P- YTLKERCLQV	709	>VHL-R161P- YTLKEPCLQV	80	629
>VHL-R161P- YTLKERCLQV'	416	>VHL-R161P- YTLKEPCLQV'	70	346
>VHL-R161P- YTLKERCLQV	19	>VHL-R161P- YTLKEPCLQV	22	3
>VHL-R161P- YTLKERCLQV'	21	>VHL-R161P- YTLKEPCLQV'	20	1
>VHL-R161P- YTLKERCLQV	14	>VHL-R161P- YTLKEPCLQV	7	7
>VHL-R161P- YTLKERCLQV'	53	>VHL-R161P- YTLKEPCLQV'	30	23
>VHL-R161P- YTLKERCL	205	>VHL-R161P- YTLKEPCL	89	116
>VHL-R161P- YTLKERCLQV	211	>VHL-R161P- YTLKEPCLQV	128	83
>VHL-R161P- YTLKERCLQV'	973	>VHL-R161P- YTLKEPCLQV'	404	569
>VHL-R161P- YTLKERCL	280	>VHL-R161P- YTLKEPCL	1334	1054

>VHL-R161P- YTLKERCLQV'	130	>VHL-R161P- YTLKEPCLQV'	153	23
>VHL-R161P- LPVYTLKERCL	224	>VHL-R161P- LPVYTLKEPCL	911	687
>VHL-R161P- LPVYTLKERCL	885	>VHL-R161P- LPVYTLKEPCL	393	492
>VHL-R161P- LPVYTLKERCL	620	>VHL-R161P- LPVYTLKEPCL	276	344
>VHL-R161P- LPVYTLKER	488	>VHL-R161P- LPVYTLKEP	138	350
>VHL-R161P- LPVYTLKERC	337	>VHL-R161P- LPVYTLKEPC	288	49
>VHL-R161P- TLPVYTLKER	247	>VHL-R161P- TLPVYTLKEP	38569	38322
>VHL-R161Q: RCLQVVRSLV	392	>VHL-R161Q: QCLQVVRSLV	2189	1797
>VHL-R161Q: RCLQVVRSLV	67	>VHL-R161Q: QCLQVVRSLV	2533	2466
>VHL-R161Q: RCLQVVRSL	90	>VHL-R161Q: QCLQVVRSL	979	889
>VHL-R161Q: ERCLQVVR	1477	>VHL-R161Q: EQCLQVVR	427	1050
>VHL-R161Q: ERCLQVVRSL	233	>VHL-R161Q: EQCLQVVRSL	14783	14550
>VHL-R161Q: ERCLQVVRSL	432	>VHL-R161Q: EQCLQVVRSL	12031	11599
>VHL-R161Q: ERCLQVVR	491	>VHL-R161Q: EQCLQVVR	236	255
>VHL-R161Q: ITPVYTLKER	348	>VHL-R161Q: ITPVYTLKEQ	20659	20311
>VHL-R161Q: ITPVYTLKER	20	>VHL-R161Q: ITPVYTLKEQ	8100	8080
>VHL-R161Q: ITPVYTLKER	115	>VHL-R161Q: ITPVYTLKEQ	14110	13995
>VHL-R161Q: ITPVYTLKER	40	>VHL-R161Q: ITPVYTLKEQ	5569	5529
>VHL-R161Q: ITPVYTLKER	394	>VHL-R161Q: ITPVYTLKEQ	4276	3882
>VHL-R161Q: KERCLQVV	67	>VHL-R161Q: KEQCLQVV	173	106
>VHL-R161Q: KERCLQVVR	367	>VHL-R161Q: KEQCLQVVR	640	273
>VHL-R161Q: KERCLQVVRS	291	>VHL-R161Q: KEQCLQVVRS	1711	1420
>VHL-R161Q: KERCLQVVRS	595	>VHL-R161Q: KEQCLQVVRS	151	444
>VHL-R161Q: KERCLQVV	80	>VHL-R161Q: KEQCLQVV	179	99
>VHL-R161Q: KERCLQVVRS	27	>VHL-R161Q: KEQCLQVVRS	53	26
>VHL-R161Q: KERCLQVVRS	1640	>VHL-R161Q: KEQCLQVVRS	434	1206
>VHL-R161Q: KERCLQVV	148	>VHL-R161Q: KEQCLQVV	48	100
>VHL-R161Q: KERCLQVVRS	39	>VHL-R161Q: KEQCLQVVRS	66	27
>VHL-R161Q: TLKERCLQV	403	>VHL-R161Q: TLKEQCLQV	471	68
>VHL-R161Q: TLKERCLQVV	559	>VHL-R161Q: TLKEQCLQVV	397	162
>VHL-R161Q: TLKERCLQV	328	>VHL-R161Q: TLKEQCLQV	188	140
>VHL-R161Q: TLKERCLQVV	514	>VHL-R161Q: TLKEQCLQVV	489	25
>VHL-R161Q: TLKERCLQV	7	>VHL-R161Q: TLKEQCLQV	9	2
>VHL-R161Q: TLKERCLQVV	50	>VHL-R161Q: TLKEQCLQVV	45	5
>VHL-R161Q: TLKERCLQV	186	>VHL-R161Q: TLKEQCLQV	141	45
>VHL-R161Q: TLKERCLQVV	141	>VHL-R161Q: TLKEQCLQVV	113	28
>VHL-R161Q: TLKERCLQVV	109	>VHL-R161Q: TLKEQCLQVV	81	28
>VHL-R161Q: TLKERCLQV	308	>VHL-R161Q: TLKEQCLQV	158	150
>VHL-R161Q: TLKERCLQVV	369	>VHL-R161Q: TLKEQCLQVV	218	151
>VHL-R161Q: TLKERCLQV	3	>VHL-R161Q: TLKEQCLQV	3	0
>VHL-R161Q: TLKERCLQVV	4	>VHL-R161Q: TLKEQCLQVV	4	0
>VHL-R161Q: TLKERCLQVV	58	>VHL-R161Q: TLKEQCLQVV	101	43
>VHL-R161Q: TLKERCLQVV	96	>VHL-R161Q: TLKEQCLQVV	273	177



>VHL-R161Q: TLKERCLQVV	211	>VHL-R161Q: TLKEQCLQVV	276	65
>VHL-R161Q: TLKERCLQV	84	>VHL-R161Q: TLKEQCLQV	2362	2278
>VHL-R161Q: TLKERCLQVV	436	>VHL-R161Q: TLKEQCLQVV	382	54
>VHL-R161Q: YTLKERCLQV	93	>VHL-R161Q: YTLKEQCLQV	63	30
>VHL-R161Q: YTLKERCLQV'	308	>VHL-R161Q: YTLKEQCLQV	133	175
>VHL-R161Q: YTLKERCLQV	127	>VHL-R161Q: YTLKEQCLQV	126	1
>VHL-R161Q: YTLKERCLQV	39	>VHL-R161Q: YTLKEQCLQV	41	2
>VHL-R161Q: YTLKERCLQV'	83	>VHL-R161Q: YTLKEQCLQV	60	23
>VHL-R161Q: YTLKERCL	1939	>VHL-R161Q: YTLKEQCL	446	1493
>VHL-R161Q: YTLKERCLQV	32	>VHL-R161Q: YTLKEQCLQV	14	18
>VHL-R161Q: YTLKERCLQV'	28	>VHL-R161Q: YTLKEQCLQV	11	17
>VHL-R161Q: YTLKERCLQV	860	>VHL-R161Q: YTLKEQCLQV	200	660
>VHL-R161Q: YTLKERCLQV'	95	>VHL-R161Q: YTLKEQCLQV	28	67
>VHL-R161Q: YTLKERCL	2311	>VHL-R161Q: YTLKEQCL	246	2065
>VHL-R161Q: YTLKERCLQV	31	>VHL-R161Q: YTLKEQCLQV	15	16
>VHL-R161Q: YTLKERCLQV'	40	>VHL-R161Q: YTLKEQCLQV	18	22
>VHL-R161Q: YTLKERCLQV	709	>VHL-R161Q: YTLKEQCLQV	91	618
>VHL-R161Q: YTLKERCLQV'	416	>VHL-R161Q: YTLKEQCLQV	73	343
>VHL-R161Q: YTLKERCLQV	19	>VHL-R161Q: YTLKEQCLQV	15	4
>VHL-R161Q: YTLKERCLQV'	21	>VHL-R161Q: YTLKEQCLQV	17	4
>VHL-R161Q: YTLKERCLQV	14	>VHL-R161Q: YTLKEQCLQV	10	4
>VHL-R161Q: YTLKERCLQV'	53	>VHL-R161Q: YTLKEQCLQV	38	15
>VHL-R161Q: YTLKERCL	205	>VHL-R161Q: YTLKEQCL	119	86
>VHL-R161Q: YTLKERCLQV	211	>VHL-R161Q: YTLKEQCLQV	168	43
>VHL-R161Q: YTLKERCL	280	>VHL-R161Q: YTLKEQCL	653	373
>VHL-R161Q: YTLKERCLQV'	130	>VHL-R161Q: YTLKEQCLQV	137	7
>VHL-R161Q: LPVYTLKERCI	224	>VHL-R161Q: LPVYTLKEQCI	452	228
>VHL-R161Q: LPVYTLKERCI	620	>VHL-R161Q: LPVYTLKEQCI	447	173
>VHL-R161Q: LPVYTLKER	488	>VHL-R161Q: LPVYTLKEQ	284	204
>VHL-R161Q: LPVYTLKERC	337	>VHL-R161Q: LPVYTLKEQC	326	11
>VHL-R161Q: TLPVYTLKER	247	>VHL-R161Q: TLPVYTLKEQ	34463	34216
>VHL-R167G: RSLVKPENYR	40	>VHL-R167G: GSLVKPENYR	679	639
>VHL-R167G: RSLVKPENYR	12	>VHL-R167G: GSLVKPENYR	70	58
>VHL-R167G: RSLVKPENY	242	>VHL-R167G: GSLVKPENY	6733	6491
>VHL-R167G: RSLVKPENY	185	>VHL-R167G: GSLVKPENY	2739	2554
>VHL-R167G: RSLVKPENY	3	>VHL-R167G: GSLVKPENY	15	12
>VHL-R167G: RSLVKPENY	56	>VHL-R167G: GSLVKPENY	6080	6024
>VHL-R167G: RSLVKPENYR	1131	>VHL-R167G: GSLVKPENYR	474	657
>VHL-R167G: RSLVKPENYR	355	>VHL-R167G: GSLVKPENYR	158	197
>VHL-R167G: RSLVKPENYR	124	>VHL-R167G: GSLVKPENYR	4045	3921
>VHL-R167G: RSLVKPENYR	148	>VHL-R167G: GSLVKPENYR	3046	2898
>VHL-R167G: VRSLVKPENY	809	>VHL-R167G: VGSLVKPENY	423	386
>VHL-R167G: VRSLVKPENY	310	>VHL-R167G: VGSLVKPENY	29865	29555

>VHL-R167G·VRSLVKPENY	3309	>VHL-R167G·VGSLVKPENY	315	2994
>VHL-R167G·TLKERCLQVV	58	>VHL-R167G·TLKERCLQVV	17646	17588
>VHL-R167G·TLKERCLQVV	96	>VHL-R167G·TLKERCLQVV	29408	29312
>VHL-R167G·TLKERCLQVV	211	>VHL-R167G·TLKERCLQVV	38615	38404
>VHL-R167G·TLKERCLQVV	436	>VHL-R167G·TLKERCLQVV	35641	35205
>VHL-R167G·VVRSLVKPEN	228	>VHL-R167G·VVGSLVKPEN	410	182
>VHL-R167G·VVRSLVKPEN	427	>VHL-R167G·VVGSLVKPEN	193	234
>VHL-R167G·VVRSLVKPEN	141	>VHL-R167G·VVGSLVKPEN	23	118
>VHL-R167G·VVRSLVKPEN	83	>VHL-R167G·VVGSLVKPEN	2826	2743
>VHL-R167G·VVRSLVKPEN	126	>VHL-R167G·VVGSLVKPEN	1442	1316
>VHL-R167G·QVVRSLVK	358	>VHL-R167G·QVVGSLVK	591	233
>VHL-R167G·QVVRSLVK	70	>VHL-R167G·QVVGSLVK	81	11
>VHL-R167G·QVVRSLVK	136	>VHL-R167G·QVVGSLVK	595	459
>VHL-R167G·QVVRSLVK	208	>VHL-R167G·QVVGSLVK	186	22
>VHL-R167G·LQVVRSLV	559	>VHL-R167G·LQVVGSLV	427	132
>VHL-R167G·LQVVRSLV	147	>VHL-R167G·LQVVGSLV	89	58
>VHL-R167G·LQVVRSLV	14	>VHL-R167G·LQVVGSLV	8	6
>VHL-R167G·LQVVRSLV	214	>VHL-R167G·LQVVGSLV	146	68
>VHL-R167G·LQVVRSLVK	509	>VHL-R167G·LQVVGSLVK	456	53
>VHL-R167G·CLQVVRSLV	517	>VHL-R167G·CLQVVGSLV	398	119
>VHL-R167G·CLQVVRSLV	325	>VHL-R167G·CLQVVGSLV	136	189
>VHL-R167G·CLQVVRSL	888	>VHL-R167G·CLQVVGSL	382	506
>VHL-R167G·CLQVVRSLV	456	>VHL-R167G·CLQVVGSLV	48	408
>VHL-R167G·CLQVVRSLV	920	>VHL-R167G·CLQVVGSLV	110	810
>VHL-R167G·CLQVVRSLV	1170	>VHL-R167G·CLQVVGSLV	177	993
>VHL-R167G·CLQVVRSLV	1839	>VHL-R167G·CLQVVGSLV	305	1534
>VHL-R167G·CLQVVRSL	274	>VHL-R167G·CLQVVGSL	237	37
>VHL-R167G·CLQVVRSLV	16	>VHL-R167G·CLQVVGSLV	17	1
>VHL-R167G·CLQVVRSLVK	97	>VHL-R167G·CLQVVGSLVK	113	16
>VHL-R167G·CLQVVRSLVK	305	>VHL-R167G·CLQVVGSLVK	383	78
>VHL-R167G·RCLQVVRSLV	392	>VHL-R167G·RCLQVVGSLV	130	262
>VHL-R167G·RCLQVVRSLV	67	>VHL-R167G·RCLQVVGSLV	88	21
>VHL-R167G·RCLQVVRSL	90	>VHL-R167G·RCLQVVGSL	498	408
>VHL-R167G·RCLQVVRSL	1026	>VHL-R167G·RCLQVVGSL	442	584
>VHL-R167G·ERCLQVVRSL	233	>VHL-R167G·ERCLQVVGSL	142	91
>VHL-R167G·ERCLQVVRSL	432	>VHL-R167G·ERCLQVVGSL	235	197
>VHL-R167G·ERCLQVVR	491	>VHL-R167G·ERCLQVVG	36133	35642
>VHL-R167G·KERCLQVVR	367	>VHL-R167G·KERCLQVVG	20284	19917
>VHL-R167G·KERCLQVVRS	291	>VHL-R167G·KERCLQVVG	837	546
>VHL-R167G·KERCLQVVRS	595	>VHL-R167G·KERCLQVVG	329	266
>VHL-R167G·KERCLQVVRS	27	>VHL-R167G·KERCLQVVG	38	11
>VHL-R167G·KERCLQVVRS	39	>VHL-R167G·KERCLQVVG	22	17
>VHL-R167G·RSLVKPENYR	40	>VHL-R167G·RSLVKPENYR	306	266

>VHL-R167Q: RSLVKPENYR	12	>VHL-R167Q: QSLVKPENYR	120	108
>VHL-R167Q: RSLVKPENYR	542	>VHL-R167Q: QSLVKPENYR	139	403
>VHL-R167Q: RSLVKPENY	242	>VHL-R167Q: QSLVKPENY	2017	1775
>VHL-R167Q: RSLVKPENY	185	>VHL-R167Q: QSLVKPENY	888	703
>VHL-R167Q: RSLVKPENY	3	>VHL-R167Q: QSLVKPENY	11	8
>VHL-R167Q: RSLVKPENY	56	>VHL-R167Q: QSLVKPENY	3145	3089
>VHL-R167Q: RSLVKPENYR	355	>VHL-R167Q: QSLVKPENYR	185	170
>VHL-R167Q: RSLVKPENYR	124	>VHL-R167Q: QSLVKPENYR	494	370
>VHL-R167Q: RSLVKPENYR	148	>VHL-R167Q: QSLVKPENYR	494	346
>VHL-R167Q: VRSLVKPENY	846	>VHL-R167Q: VQSLVKPENY	424	422
>VHL-R167Q: VRSLVKPENY	809	>VHL-R167Q: VQSLVKPENY	159	650
>VHL-R167Q: VRSLVKPENY	9820	>VHL-R167Q: VQSLVKPENY	80	9740
>VHL-R167Q: VRSLVKPENY	930	>VHL-R167Q: VQSLVKPENY	161	769
>VHL-R167Q: VRSLVKPENY	310	>VHL-R167Q: VQSLVKPENY	15925	15615
>VHL-R167Q: TLKERCLQVV	58	>VHL-R167Q: TLKERCLQVV	11666	11608
>VHL-R167Q: TLKERCLQVV	96	>VHL-R167Q: TLKERCLQVV	17716	17620
>VHL-R167Q: TLKERCLQVV	211	>VHL-R167Q: TLKERCLQVV	17677	17466
>VHL-R167Q: TLKERCLQVV	436	>VHL-R167Q: TLKERCLQVV	23375	22939
>VHL-R167Q: VVRSVLKPEN	228	>VHL-R167Q: VVQSLVKPEN	361	133
>VHL-R167Q: VVRSVLKPEN	427	>VHL-R167Q: VVQSLVKPEN	373	54
>VHL-R167Q: VVRSVLKPEN	732	>VHL-R167Q: VVQSLVKPEN	319	413
>VHL-R167Q: VVRSVLKPEN	141	>VHL-R167Q: VVQSLVKPEN	89	52
>VHL-R167Q: VVRSVLKPEN	83	>VHL-R167Q: VVQSLVKPEN	938	855
>VHL-R167Q: VVRSVLKPEN	126	>VHL-R167Q: VVQSLVKPEN	503	377
>VHL-R167Q: QVVRSLVK	358	>VHL-R167Q: QVVQSLVK	1073	715
>VHL-R167Q: QVVRSLVK	70	>VHL-R167Q: QVVQSLVK	123	53
>VHL-R167Q: QVVRSLVK	136	>VHL-R167Q: QVVQSLVK	921	785
>VHL-R167Q: QVVRSLVK	208	>VHL-R167Q: QVVQSLVK	206	2
>VHL-R167Q: LQVVRSLV	559	>VHL-R167Q: LQVVQSLV	242	317
>VHL-R167Q: LQVVRSLV	147	>VHL-R167Q: LQVVQSLV	137	10
>VHL-R167Q: LQVVRSLV	14	>VHL-R167Q: LQVVQSLV	13	1
>VHL-R167Q: LQVVRSLV	214	>VHL-R167Q: LQVVQSLV	216	2
>VHL-R167Q: LQVVRSLVK	509	>VHL-R167Q: LQVVQSLVK	408	101
>VHL-R167Q: CLQVVRSL	1434	>VHL-R167Q: CLQVVQSL	383	1051
>VHL-R167Q: CLQVVRSLV	517	>VHL-R167Q: CLQVVQSLV	149	368
>VHL-R167Q: CLQVVRSLV	325	>VHL-R167Q: CLQVVQSLV	190	135
>VHL-R167Q: CLQVVRSL	888	>VHL-R167Q: CLQVVQSL	205	683
>VHL-R167Q: CLQVVRSLV	456	>VHL-R167Q: CLQVVQSLV	64	392
>VHL-R167Q: CLQVVRSL	1543	>VHL-R167Q: CLQVVQSL	212	1331
>VHL-R167Q: CLQVVRSLV	920	>VHL-R167Q: CLQVVQSLV	102	818
>VHL-R167Q: CLQVVRSLV	1170	>VHL-R167Q: CLQVVQSLV	149	1021
>VHL-R167Q: CLQVVRSL	3681	>VHL-R167Q: CLQVVQSL	381	3300
>VHL-R167Q: CLQVVRSLV	1839	>VHL-R167Q: CLQVVQSLV	80	1759

>VHL-R167Q: CLQVVRSL	274	>VHL-R167Q: CLQVVQSL	34	240
>VHL-R167Q: CLQVVRSLV	16	>VHL-R167Q: CLQVVQSLV	11	5
>VHL-R167Q: CLQVVRSLVK	97	>VHL-R167Q: CLQVVQSLVK	153	56
>VHL-R167Q: CLQVVRSLVK	305	>VHL-R167Q: CLQVVQSLVK	381	76
>VHL-R167Q: RCLQVVRSL	1240	>VHL-R167Q: RCLQVVQSL	310	930
>VHL-R167Q: RCLQVVRSLV	392	>VHL-R167Q: RCLQVVQSLV	103	289
>VHL-R167Q: RCLQVVRSLV	1714	>VHL-R167Q: RCLQVVQSLV	297	1417
>VHL-R167Q: RCLQVVRSLV	67	>VHL-R167Q: RCLQVVQSLV	60	7
>VHL-R167Q: RCLQVVRSL	90	>VHL-R167Q: RCLQVVQSL	70	20
>VHL-R167Q: RCLQVVRSLV	619	>VHL-R167Q: RCLQVVQSLV	469	150
>VHL-R167Q: ERCLQVVRSL	233	>VHL-R167Q: ERCLQVVQSL	117	116
>VHL-R167Q: ERCLQVVRSL	925	>VHL-R167Q: ERCLQVVQSL	308	617
>VHL-R167Q: ERCLQVVRSL	432	>VHL-R167Q: ERCLQVVQSL	211	221
>VHL-R167Q: ERCLQVVR	491	>VHL-R167Q: ERCLQVVQ	24893	24402
>VHL-R167Q: KERCLQVVR	367	>VHL-R167Q: KERCLQVVQ	16692	16325
>VHL-R167Q: KERCLQVVRS	291	>VHL-R167Q: KERCLQVVQ	134	157
>VHL-R167Q: KERCLQVVRS	595	>VHL-R167Q: KERCLQVVQ	270	325
>VHL-R167Q: KERCLQVVRS	27	>VHL-R167Q: KERCLQVVQ	25	2
>VHL-R167Q: KERCLQVVRS	39	>VHL-R167Q: KERCLQVVQ	23	16
>VHL-R167W RSLVKPENY	1912	>VHL-R167W WSLVKPENY	471	1441
>VHL-R167W RSLVKPENYR	40	>VHL-R167W WSLVKPENYF	926	886
>VHL-R167W RSLVKPENYR	12	>VHL-R167W WSLVKPENYF	522	510
>VHL-R167W RSLVKPENYR	542	>VHL-R167W WSLVKPENYF	131	411
>VHL-R167W RSLVKPENY	242	>VHL-R167W WSLVKPENY	4340	4098
>VHL-R167W RSLVKPENY	185	>VHL-R167W WSLVKPENY	277	92
>VHL-R167W RSLVKPENY	3	>VHL-R167W WSLVKPENY	10	7
>VHL-R167W RSLVKPENY	56	>VHL-R167W WSLVKPENY	2407	2351
>VHL-R167W RSLVKPENY	520	>VHL-R167W WSLVKPENY	348	172
>VHL-R167W RSLVKPENYR	355	>VHL-R167W WSLVKPENYF	1584	1229
>VHL-R167W RSLVKPENYR	124	>VHL-R167W WSLVKPENYF	641	517
>VHL-R167W RSLVKPENYR	148	>VHL-R167W WSLVKPENYF	509	361
>VHL-R167W VRSLVKPENY	6650	>VHL-R167W VWSLVKPEN'	338	6312
>VHL-R167W VRSLVKPENY	846	>VHL-R167W VWSLVKPEN'	42	804
>VHL-R167W VRSLVKPENY	809	>VHL-R167W VWSLVKPEN'	101	708
>VHL-R167W VRSLVKPENY	9820	>VHL-R167W VWSLVKPEN'	263	9557
>VHL-R167W VRSLVKPENY	310	>VHL-R167W VWSLVKPEN'	16292	15982
>VHL-R167W VRSLVKPENY	2299	>VHL-R167W VWSLVKPEN'	26	2273
>VHL-R167W TLKERCLQVV	58	>VHL-R167W TLKERCLQVV	15920	15862
>VHL-R167W TLKERCLQVV	96	>VHL-R167W TLKERCLQVV	26634	26538
>VHL-R167W TLKERCLQVV	211	>VHL-R167W TLKERCLQVV	32626	32415
>VHL-R167W TLKERCLQVV	436	>VHL-R167W TLKERCLQVV	34055	33619
>VHL-R167W VVRSLVKPEN	228	>VHL-R167W VVWSLVKPEI	333	105
>VHL-R167W VVRSLVKPEN	427	>VHL-R167W VVWSLVKPEI	27	400

>VHL-R167W VVRSVLKPEN	732	>VHL-R167W VVWSLVKPEI	154	578
>VHL-R167W VVRSVLKPEN	141	>VHL-R167W VVWSLVKPEI	38	103
>VHL-R167W VVRSVLKPEN	579	>VHL-R167W VVWSLVKPEI	394	185
>VHL-R167W VVRSVLKPEN	83	>VHL-R167W VVWSLVKPEI	102	19
>VHL-R167W VVRSVLKPEN	126	>VHL-R167W VVWSLVKPEI	444	318
>VHL-R167W QVVRSLVK	358	>VHL-R167W QVVWSLVK	362	4
>VHL-R167W QVVRSLVK	70	>VHL-R167W QVVWSLVK	42	28
>VHL-R167W QVVRSLVK	136	>VHL-R167W QVVWSLVK	998	862
>VHL-R167W QVVRSLVK	208	>VHL-R167W QVVWSLVK	72	136
>VHL-R167W LQVVRSLV	3147	>VHL-R167W LQVVWSLV	272	2875
>VHL-R167W LQVVRSLV	559	>VHL-R167W LQVVWSLV	250	309
>VHL-R167W LQVVRSLV	147	>VHL-R167W LQVVWSLV	94	53
>VHL-R167W LQVVRSLV	14	>VHL-R167W LQVVWSLV	5	9
>VHL-R167W LQVVRSLV	2875	>VHL-R167W LQVVWSLV	139	2736
>VHL-R167W LQVVRSLV	5770	>VHL-R167W LQVVWSLV	491	5279
>VHL-R167W LQVVRSLV	1871	>VHL-R167W LQVVWSLV	440	1431
>VHL-R167W LQVVRSLVK	514	>VHL-R167W LQVVWSLVK	212	302
>VHL-R167W LQVVRSLV	214	>VHL-R167W LQVVWSLV	194	20
>VHL-R167W LQVVRSLVK	509	>VHL-R167W LQVVWSLVK	386	123
>VHL-R167W CLQVVRSL	4465	>VHL-R167W CLQVVWSL	158	4307
>VHL-R167W CLQVVRSLV	2917	>VHL-R167W CLQVVWSLV	332	2585
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>VHL-R167W CLQVVRSLV	517	>VHL-R167W CLQVVWSLV	316	201
>VHL-R167W CLQVVRSLV	325	>VHL-R167W CLQVVWSLV	246	79
>VHL-R167W CLQVVRSL	888	>VHL-R167W CLQVVWSL	42	846
>VHL-R167W CLQVVRSLV	456	>VHL-R167W CLQVVWSLV	32	424
>VHL-R167W CLQVVRSL	1543	>VHL-R167W CLQVVWSL	62	1481
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>VHL-R167W CLQVVRSL	3681	>VHL-R167W CLQVVWSL	114	3567
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>VHL-R167W CLQVVRSL	274	>VHL-R167W CLQVVWSL	22	252
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>VHL-R167W CLQVVRSLVK	305	>VHL-R167W CLQVVWSLVK	348	43
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>VHL-R167W RCLQVVRSLV	392	>VHL-R167W RCLQVVWSLV	41	351
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>VHL-R167W RCLQVVRSLV	1714	>VHL-R167W RCLQVVWSLV	97	1617
>VHL-R167W RCLQVVRSL	5956	>VHL-R167W RCLQVVWSL	188	5768
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>VHL-R167W RCLQVVRSL	90	>VHL-R167W RCLQVVWSL	46	44
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>VHL-R167W ERCLQVVRSL	233	>VHL-R167W ERCLQVVWS	107	126
>VHL-R167W ERCLQVVRSL	925	>VHL-R167W ERCLQVVWS	154	771
>VHL-R167W ERCLQVVRSL	432	>VHL-R167W ERCLQVVWS	213	219
>VHL-R167W ERCLQVVR	491	>VHL-R167W ERCLQVVW	34685	34194
>VHL-R167W KERCLQVVR	367	>VHL-R167W KERCLQVVW	18909	18542
>VHL-R167W KERCLQVVR	291	>VHL-R167W KERCLQVVW	287	4
>VHL-R167W KERCLQVVR	1345	>VHL-R167W KERCLQVVW	241	1104
>VHL-R167W KERCLQVVR	595	>VHL-R167W KERCLQVVW	163	432
>VHL-R167W KERCLQVVR	27	>VHL-R167W KERCLQVVW	15	12
>VHL-R167W KERCLQVVR	9712	>VHL-R167W KERCLQVVW	115	9597
>VHL-R167W KERCLQVVR	10017	>VHL-R167W KERCLQVVW	99	9918
>VHL-R167W KERCLQVVR	2107	>VHL-R167W KERCLQVVW	180	1927
>VHL-R167W KERCLQVVR	39	>VHL-R167W KERCLQVVW	20	19
>VHL-R167W LKERCLQVVR	30383	>VHL-R167W LKERCLQVV	115	30268
>VHL-R167W LKERCLQVVR	30774	>VHL-R167W LKERCLQVV	492	30282
>VHL-R176K- RRLDIVRSLY	81	>VHL-R176K- KRLDIVRSLY	268	187
>VHL-R176K- RRLDIVRSLY	437	>VHL-R176K- KRLDIVRSLY	559	122
>VHL-R176K- RRLDIVRSL	109	>VHL-R176K- KRLDIVRSL	199	90
>VHL-R176K- RRLDIVRSLY	49	>VHL-R176K- KRLDIVRSLY	86	37
>VHL-R176K- RRLDIVRS	102	>VHL-R176K- KRLDIVRS	420	318
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>VHL-R176K- RRLDIVRSLY	10	>VHL-R176K- KRLDIVRSLY	22	12
>VHL-R176K- RRLDIVRS	242	>VHL-R176K- KRLDIVRS	887	645
>VHL-R176K- RRLDIVRSLY	303	>VHL-R176K- KRLDIVRSLY	1106	803
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>VHL-R176K- RRLDIVRSLY	318	>VHL-R176K- KRLDIVRSLY	1350	1032
>VHL-R176K- YRRLDIVR	2068	>VHL-R176K- YKRLDIVR	370	1698
>VHL-R176K- YRRLDIVRSL	130	>VHL-R176K- YKRLDIVRSL	17	113
>VHL-R176K- YRRLDIVRSLY	65	>VHL-R176K- YKRLDIVRSLY	8	57
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>VHL-R176K- YRRLDIVRSL	43	>VHL-R176K- YKRLDIVRSL	5783	5740
>VHL-R176K- YRRLDIVRSLY	206	>VHL-R176K- YKRLDIVRSLY	7126	6920
>VHL-R176K- YRRLDIVRSLY	95	>VHL-R176K- YKRLDIVRSLY	91	4
>VHL-R176K- YRRLDIVRSL	304	>VHL-R176K- YKRLDIVRSL	7037	6733
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>VHL-R176K- YRRLDIVRSL	94	>VHL-R176K- YKRLDIVRSL	4443	4349
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>VHL-R176K- NYRRLDIVRSI	587	>VHL-R176K- NYKRLDIVRSI	300	287
>VHL-R176K- NYRRLDIVRSI	129	>VHL-R176K- NYKRLDIVRSI	80	49
>VHL-R176K- NYRRLDIVR	256	>VHL-R176K- NYKRLDIVR	131	125
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>VHL-R176K- PENYRRLDI	86	>VHL-R176K- PENYKRLDI	243	157
>VHL-R176K- KPENYRRL	39	>VHL-R176K- KPENYKRL	181	142
>VHL-R176K- KPENYRRLDI	104	>VHL-R176K- KPENYKRLDI	245	141
>VHL-R176K- KPENYRRLDI	139	>VHL-R176K- KPENYKRLDI	276	137
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>VHL-R176K- LVKPENYRR	35	>VHL-R176K- LVKPENYKR	36	1
>VHL-R176K- LVKPENYR	159	>VHL-R176K- LVKPENYK	2704	2545
>VHL-R176K- LVKPENYRR	302	>VHL-R176K- LVKPENYKR	358	56
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>VHL-R176K- LVKPENYRR	122	>VHL-R176K- LVKPENYKR	114	8
>VHL-R176K- LVKPENYR	287	>VHL-R176K- LVKPENYK	6285	5998
>VHL-R176K- SLVKPENYRR	409	>VHL-R176K- SLVKPENYKR	445	36
>VHL-R176K- SLVKPENYRR	44	>VHL-R176K- SLVKPENYKR	54	10
>VHL-R176K- SLVKPENYRR	394	>VHL-R176K- SLVKPENYKR	337	57
>VHL-R176K- SLVKPENYRR	26	>VHL-R176K- SLVKPENYKR	19	7
>VHL-R176K- SLVKPENYR	3975	>VHL-R176K- SLVKPENYK	139	3836
>VHL-R176K- SLVKPENYR	1447	>VHL-R176K- SLVKPENYK	56	1391
>VHL-R176K- SLVKPENYR	177	>VHL-R176K- SLVKPENYK	3824	3647
>VHL-R176K- SLVKPENYRR	103	>VHL-R176K- SLVKPENYKR	125	22
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>VHL-R176K- SLVKPENYRR	142	>VHL-R176K- SLVKPENYKR	99	43
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>VHL-R176K- RSLVKPENYR	782	>VHL-R176K- RSLVKPENYK	49	733
>VHL-R176K- RSLVKPENYR	713	>VHL-R176K- RSLVKPENYK	12	701
>VHL-R176K- RSLVKPENYR	40	>VHL-R176K- RSLVKPENYK	766	726
>VHL-R176K- RSLVKPENYR	12	>VHL-R176K- RSLVKPENYK	12	0
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>VHL-R176K- RSLVKPENYR	124	>VHL-R176K- RSLVKPENYK	3686	3562
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>VHL-R176W RRLDIVRSLY	81	>VHL-R176W WRLDIVRSLY	1185	1104
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>VHL-R176W RRLDIVRSLY	49	>VHL-R176W WRLDIVRSLY	121	72
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>VHL-R176W RRLDIVRSL	527	>VHL-R176W WRLDIVRSL	55	472
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>VHL-R176W RRLDIVRSLYE	319	>VHL-R176W WRDLIVRSLY	10703	10384
>VHL-R176W RRLDIVRSLY	318	>VHL-R176W WRDLIVRSLY	1023	705
>VHL-R176W YRRDLIVRSL	23531	>VHL-R176W YWRDLIVRSL	485	23046
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>VHL-R176W YRRDLIVR	7087	>VHL-R176W YWRDLIVR	498	6589
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>VHL-R176W YRRDLIVRSL	43	>VHL-R176W YWRDLIVRSL	6083	6040
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>VHL-R176W YRRDLIVRSLY	391	>VHL-R176W YWRDLIVRSL	18596	18205
>VHL-R176W YRRDLIVRSL	94	>VHL-R176W YWRDLIVRSL	5645	5551
>VHL-R176W YRRDLIVRSLY	177	>VHL-R176W YWRDLIVRSL	28471	28294
>VHL-R176W YRRDLIVR	1154	>VHL-R176W YWRDLIVR	29	1125
>VHL-R176W VRSLVKPENY	29419	>VHL-R176W VRSLVKPENY	162	29257
>VHL-R176W NYRRDLIVRSI	587	>VHL-R176W NYWRDLIVRSI	217	370
>VHL-R176W NYRRDLIVRSI	129	>VHL-R176W NYWRDLIVRSI	32	97
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>VHL-R176W PENYRRDLI	86	>VHL-R176W PENYWRDLI	115	29
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>VHL-R176W KPENYRRL	39	>VHL-R176W KPENYWRL	249	210
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>VHL-R176W VKPENYRR	1118	>VHL-R176W VKPENYWRR	439	679
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>VHL-R176W LVKPENYRR	302	>VHL-R176W LVKPENYWRR	140	162
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>VHL-R176W LVKPENYRR	122	>VHL-R176W LVKPENYWRR	58	64
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>VHL-R176W SLVKPENYRR	26	>VHL-R176W SLVKPENYWF	6	20
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>VHL-R176W SLVKPENYR	177	>VHL-R176W SLVKPENYW	21820	21643
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>VHL-R176W RSLVKPENYR	14122	>VHL-R176W RSLVKPENYW	35	14087
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>VHL-R176W RSLVKPENYR	355	>VHL-R176W RSLVKPENYW	242	113
>VHL-R176W RSLVKPENYR	124	>VHL-R176W RSLVKPENYW	31149	31025
>VHL-R176W RSLVKPENYR	148	>VHL-R176W RSLVKPENYW	113	35
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>VHL-R182K-DIVRSLYEDL	114	>VHL-R182K-DIVKSLYEDL	192	78
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>VHL-R182K-YRRLDIVR	308	>VHL-R182K-YRRLDIVK	159	149
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>VHL-R182K-YRRLDIVRSL	304	>VHL-R182K-YRRLDIVKSL	491	187
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>VHL-R182K-YRRLDIVRSLY	177	>VHL-R182K-YRRLDIVKSLY	306	129
>VHL-R182K-NYRRLDIVRSI	129	>VHL-R182K-NYRRLDIVKSI	91	38
>VHL-R182K-NYRRLDIVR	2598	>VHL-R182K-NYRRLDIVK	19	2579
>VHL-R182K-NYRRLDIVR	256	>VHL-R182K-NYRRLDIVK	3060	2804
>VHL-R182K-NYRRLDIVR	30	>VHL-R182K-NYRRLDIVK	778	748
>VHL-R200W RLTQERIA	311	>VHL-R200W WLTQERIA	89	222
>VHL-R200W RLTQERIAHQ	174	>VHL-R200W WLTQERIAHC	48	126
>VHL-R200W RLTQERIAHQ	79	>VHL-R200W WLTQERIAHC	4827	4748
>VHL-R200W RLTQERIAHQ	497	>VHL-R200W WLTQERIAHC	135	362
>VHL-R200W RLTQERIAHQ	45	>VHL-R200W WLTQERIAHC	126	81
>VHL-R200W ERLTQERI	36250	>VHL-R200W EWLTQERI	411	35839
>VHL-R200W LERLTQERI	43	>VHL-R200W LEWLTQERI	14	29
>VHL-R200W LERLTQER	2227	>VHL-R200W LEWLTQER	482	1745
>VHL-R200W LERLTQERIAF	341	>VHL-R200W LEWLTQERIA	91	250
>VHL-R200W LERLTQERI	25	>VHL-R200W LEWLTQERI	30	5
>VHL-R200W LERLTQER	4852	>VHL-R200W LEWLTQER	454	4398
>VHL-R200W DLERLTQER	222	>VHL-R200W DLEWLTQER	110	112
>VHL-R200W DLERLTQER	454	>VHL-R200W DLEWLTQER	105	349
>VHL-R200W KDLERLTQER	55	>VHL-R200W KDLEWLTQER	27	28
>VHL-R200W KDLERLTQER	554	>VHL-R200W KDLEWLTQER	204	350
>VHL-R200W KDLERLTQER	44	>VHL-R200W KDLEWLTQER	55	11
>VHL-R200W VQKDLERL	1048	>VHL-R200W VQKDLEWL	169	879
>VHL-R200W NVQKDLERL	388	>VHL-R200W NVQKDLEWL	119	269
>VHL-R200W NVQKDLER	163	>VHL-R200W NVQKDLEW	29694	29531
>VHL-R200W HPNVQKDLEI	5933	>VHL-R200W HPNVQKDLEI	147	5786
>VHL-R200W HPNVQKDLEI	230	>VHL-R200W HPNVQKDLEI	278	48
>VHL-R200W HPNVQKDLEI	20440	>VHL-R200W HPNVQKDLEI	16	20424
>VHL-R210W RLTQERIAHQ	79	>VHL-R210W RLTQERIAHQ	17080	17001
>VHL-R210W RLTQERIAHQ	10306	>VHL-R210W RLTQERIAHQ	275	10031
>VHL-R210W RLTQERIAHQ	497	>VHL-R210W RLTQERIAHQ	35935	35438

>VHL-R210W RLTQERIAHQ	22515	>VHL-R210W RLTQERIAHQ	152	22363
>VHL-R210W RLTQERIAHQ	22816	>VHL-R210W RLTQERIAHQ	157	22659
>VHL-R210W RLTQERIAHQ	20740	>VHL-R210W RLTQERIAHQ	24	20716
>VHL-R210W RLTQERIAHQ	45	>VHL-R210W RLTQERIAHQ	23098	23053
>VHL-R210W ERIAHQRM	303	>VHL-R210W ERIAHQWM	106	197
>VHL-R210W QERIAHQR	322	>VHL-R210W QERIAHQW	72	250
>VHL-R210W QERIAHQR	2378	>VHL-R210W QERIAHQW	112	2266
>VHL-R210W QERIAHQRM	641	>VHL-R210W QERIAHQWN	210	431
>VHL-R210W QERIAHQRM	464	>VHL-R210W QERIAHQWN	1524	1060
>VHL-R210W QERIAHQR	8843	>VHL-R210W QERIAHQW	100	8743
>VHL-R210W QERIAHQR	10499	>VHL-R210W QERIAHQW	72	10427
>VHL-R210W QERIAHQRM	1263	>VHL-R210W QERIAHQWN	430	833
>VHL-R210W TQERIAHQR	152	>VHL-R210W TQERIAHQW	21998	21846
>VHL-R210W TQERIAHQR	166	>VHL-R210W TQERIAHQW	34729	34563
>VHL-R210W LTQERIAHQR	752	>VHL-R210W LTQERIAHQV	222	530
>VHL-R210W LTQERIAHQR	43	>VHL-R210W LTQERIAHQV	22123	22080
>VHL-R210W LTQERIAHQR	317	>VHL-R210W LTQERIAHQV	28101	27784
>VHL-R210W LTQERIAHQR	119	>VHL-R210W LTQERIAHQV	35156	35037
>VHL-R210W LTQERIAHQR	7641	>VHL-R210W LTQERIAHQV	5	7636
>VHL-R210W LTQERIAHQR	9	>VHL-R210W LTQERIAHQV	13	4
>VHL-R210W LTQERIAHQR	19685	>VHL-R210W LTQERIAHQV	37	19648
>VHL-R210W LTQERIAHQR	19196	>VHL-R210W LTQERIAHQV	12	19184
>VHL-R210W LTQERIAHQR	508	>VHL-R210W LTQERIAHQV	109	399
>VHL-R210W LTQERIAHQR	109	>VHL-R210W LTQERIAHQV	82	27
>VHL-R210W LTQERIAHQR	31582	>VHL-R210W LTQERIAHQV	130	31452
>VHL-R60W- RPVLRSVNSR	239	>VHL-R60W- WPVLRSVNSI	3339	3100
>VHL-R60W- RPVLRSVNSR	315	>VHL-R60W- WPVLRSVNSI	1205	890
>VHL-R60W- PRPVLRSVNS	11696	>VHL-R60W- PWPVLRSVN:	100	11596
>VHL-R60W- AEEEMEAGR	7995	>VHL-R60W- AEEEMEAGR	118	7877
>VHL-R60W- AEEEMEAGR	4398	>VHL-R60W- AEEEMEAGR	33	4365
>VHL-R60W- RPRPVLR	366	>VHL-R60W- RPWPVLR	5019	4653
>VHL-R60W- RPRPVLRV	9	>VHL-R60W- RPWPVLRV	11	2
>VHL-R60W- RPRPVLRSVN	138	>VHL-R60W- RPWPVLRSVI	1797	1659
>VHL-R60W- RPRPVLRV	2931	>VHL-R60W- RPWPVLRV	189	2742
>VHL-R60W- AGRPRPV	91	>VHL-R60W- AGRPWPV	166	75
>VHL-R60W- AGRPRPVLR	124	>VHL-R60W- AGRPWPVLR	435	311
>VHL-R60W- AGRPRPVLR	65	>VHL-R60W- AGRPWPVLR	143	78
>VHL-R60W- AGRPRPVLR	93	>VHL-R60W- AGRPWPVLR	90	3
>VHL-R60W- EAGRPRPV	127	>VHL-R60W- EAGRPPV	111	16
>VHL-R60W- EAGRPRPV	354	>VHL-R60W- EAGRPPV	52	302
>VHL-R60W- EAGRPRPV	81	>VHL-R60W- EAGRPPV	10	71
>VHL-R60W- MEAGRPRPV	194	>VHL-R60W- MEAGRPPV	400	206
>VHL-R60W- MEAGRPRPV	6040	>VHL-R60W- MEAGRPPV	471	5569

>VHL-R60W- MEAGRPRPV	3751	>VHL-R60W- MEAGRPWP\	102	3649
>VHL-R60W- MEAGRPRPV	4510	>VHL-R60W- MEAGRPWP\	131	4379
>VHL-R60W- MEAGRPRPV	13089	>VHL-R60W- MEAGRPWP\	115	12974
>VHL-R60W- MEAGRPRPV	355	>VHL-R60W- MEAGRPWP\	197	158
>VHL-R60W- MEAGRPRPV	3142	>VHL-R60W- MEAGRPWP\	141	3001
>VHL-R60W- MEAGRPRPV	1442	>VHL-R60W- MEAGRPWP\	82	1360
>VHL-R60W- MEAGRPRPV	4080	>VHL-R60W- MEAGRPWP\	195	3885
>VHL-R60W- MEAGRPRPV	104	>VHL-R60W- MEAGRPWP\	44	60
>VHL-R60W- MEAGRPRPV	652	>VHL-R60W- MEAGRPWP\	141	511
>VHL-R60W- MEAGRPRPV	1580	>VHL-R60W- MEAGRPWP\	353	1227
>VHL-R60W- MEAGRPRPV	248	>VHL-R60W- MEAGRPWP\	201	47
>VHL-R60W- MEAGRPRPV	56	>VHL-R60W- MEAGRPWP\	15	41
>VHL-R60W- MEAGRPRPV	205	>VHL-R60W- MEAGRPWP\	47	158
>VHL-R60W- MEAGRPRPV	329	>VHL-R60W- MEAGRPWP\	292	37
>VHL-R60W- MEAGRPRPV	213	>VHL-R60W- MEAGRPWP\	80	133
>VHL-R60W- EMEAGRPRP'	4959	>VHL-R60W- EMEAGRPWF	279	4680
>VHL-R60W- EMEAGRPRP'	1851	>VHL-R60W- EMEAGRPWF	350	1501
>VHL-R60W- EMEAGRPRP'	490	>VHL-R60W- EMEAGRPWF	367	123
>VHL-R60W- EMEAGRPRP'	279	>VHL-R60W- EMEAGRPWF	34	245
>VHL-R60W- EMEAGRPRP'	2417	>VHL-R60W- EMEAGRPWF	90	2327
>VHL-R60W- EMEAGRPRP'	2030	>VHL-R60W- EMEAGRPWF	68	1962
>VHL-R60W- EMEAGRPRP'	5448	>VHL-R60W- EMEAGRPWF	207	5241
>VHL-R60W- EMEAGRPRP'	50	>VHL-R60W- EMEAGRPWF	6	44
>VHL-R60W- EMEAGRPRP'	115	>VHL-R60W- EMEAGRPWF	106	9
>VHL-R60W- EMEAGRPR	299	>VHL-R60W- EMEAGRPW	30251	29952
>VHL-R60W- EMEAGRPR	190	>VHL-R60W- EMEAGRPW	33289	33099
>VHL-R60W- EMEAGRPRP'	564	>VHL-R60W- EMEAGRPWF	46	518
>VHL-R60W- EMEAGRPRP'	160	>VHL-R60W- EMEAGRPWF	170	10
>VHL-R60W- EMEAGRPR	412	>VHL-R60W- EMEAGRPW	34341	33929
>VHL-R60W- EEMEAGRPR	177	>VHL-R60W- EEMEAGRPA	247	70
>VHL-R60W- EEMEAGRPR	2344	>VHL-R60W- EEMEAGRPA	247	2097
>VHL-R60W- EEMEAGRPR	781	>VHL-R60W- EEMEAGRPA	83	698
>VHL-R60W- EEMEAGRPR	273	>VHL-R60W- EEMEAGRPA	17	256
>VHL-R60W- EEMEAGRPR	378	>VHL-R60W- EEMEAGRPA	74	304
>VHL-R60W- EEMEAGRPR	604	>VHL-R60W- EEMEAGRPA	210	394
>VHL-R60W- EEMEAGRPR	268	>VHL-R60W- EEMEAGRPA	134	134
>VHL-R60W- EEMEAGRPR	4368	>VHL-R60W- EEMEAGRPA	66	4302
>VHL-R60W- EEMEAGRPR	871	>VHL-R60W- EEMEAGRPA	9	862
>VHL-R60W- EEMEAGRPR	419	>VHL-R60W- EEMEAGRPA	188	231
>VHL-R60W- EEMEAGRPR	27	>VHL-R60W- EEMEAGRPA	13	14
>VHL-R60W- EEMEAGRPR	138	>VHL-R60W- EEMEAGRPA	58	80
>VHL-R60W- EEEMEAGRPI	8842	>VHL-R60W- EEEMEAGRPI	19	8823
>VHL-R60W- EEEMEAGRPI	21165	>VHL-R60W- EEEMEAGRPI	189	20976

>VHL-R69C-v REPSQVIF	6056	>VHL-R69C-n CEPSQVIF	300	5756
>VHL-R69C-v REPSQVIF	56	>VHL-R69C-n CEPSQVIF	597	541
>VHL-R69C-v REPSQVIFCN	43	>VHL-R69C-n CEPSQVIFCN	91	48
>VHL-R69C-v SREPSQVIF	78	>VHL-R69C-n SCEPSQVIF	1130	1052
>VHL-R69C-v SREPSQVIF	185	>VHL-R69C-n SCEPSQVIF	35944	35759
>VHL-R69C-v SREPSQVI	1046	>VHL-R69C-n SCEPSQVI	295	751
>VHL-R69C-v NSREPSQV	2191	>VHL-R69C-n NSCEPSQV	321	1870
>VHL-R69C-v NSREPSQV	904	>VHL-R69C-n NSCEPSQV	379	525
>VHL-R69C-v NSREPSQVIF	13	>VHL-R69C-n NSCEPSQVIF	45	32
>VHL-R69C-v NSREPSQVIF	127	>VHL-R69C-n NSCEPSQVIF	392	265
>VHL-R69C-v NSREPSQVI	134	>VHL-R69C-n NSCEPSQVI	35	99
>VHL-R69C-v VNSREPSQVI	101	>VHL-R69C-n VNSCEPSQVI	76	25
>VHL-R69C-v SVNSREPSQV	1341	>VHL-R69C-n SVNSCEPSQV	246	1095
>VHL-R69C-v SVNSREPSQV	190	>VHL-R69C-n SVNSCEPSQV	98	92
>VHL-R69C-v SVNSREPSQV	126	>VHL-R69C-n SVNSCEPSQV	121	5
>VHL-R69C-v SVNSREPSQV	165	>VHL-R69C-n SVNSCEPSQV	119	46
>VHL-R69C-v SVNSREPSQV	2119	>VHL-R69C-n SVNSCEPSQV	443	1676
>VHL-R69C-v SVNSREPSQV	25	>VHL-R69C-n SVNSCEPSQV	27	2
>VHL-R69C-v SVNSREPSQV	614	>VHL-R69C-n SVNSCEPSQV	412	202
>VHL-R69C-v SVNSREPSQV	590	>VHL-R69C-n SVNSCEPSQV	407	183
>VHL-R69C-v RSVNSREPSQ	225	>VHL-R69C-n RSVNSCEPSQ	221	4
>VHL-R69C-v RSVNSREPSQ	22	>VHL-R69C-n RSVNSCEPSQ	16	6
>VHL-R69C-v RSVNSREPSQ	136	>VHL-R69C-n RSVNSCEPSQ	86	50
>VHL-R69C-v VLRSVNSR	11842	>VHL-R69C-n VLRSVNSC	192	11650
>VHL-R69C-v VLRSVNSR	83	>VHL-R69C-n VLRSVNSC	22628	22545
>VHL-R69C-v VLRSVNSR	206	>VHL-R69C-n VLRSVNSC	34846	34640
>VHL-R69C-v RPVLRSVNSR	239	>VHL-R69C-n RPVLRSVNSC	27671	27432
>VHL-R69C-v RPVLRSVNSR	315	>VHL-R69C-n RPVLRSVNSC	35531	35216
>VHL-R79H-v RSPRVVLPV	488	>VHL-R79H-r HSPRVVLPV	1740	1252
>VHL-R79H-v RSPRVVLPV	301	>VHL-R79H-r HSPRVVLPV	1203	902
>VHL-R79H-v RSPRVVLPV	130	>VHL-R79H-r HSPRVVLPV	1420	1290
>VHL-R79H-v RSPRVVLPV	247	>VHL-R79H-r HSPRVVLPV	1867	1620
>VHL-R79H-v RSPRVVLPV	147	>VHL-R79H-r HSPRVVLPV	1275	1128
>VHL-R79H-v RSPRVVLPV	594	>VHL-R79H-r HSPRVVLPV	14	580
>VHL-R79H-v RSPRVVLPV	9185	>VHL-R79H-r HSPRVVLPV	397	8788
>VHL-R79H-v RSPRVVLPV	55	>VHL-R79H-r HSPRVVLPV	282	227
>VHL-R79H-v RSPRVVLPV	301	>VHL-R79H-r HSPRVVLPV	1886	1585
>VHL-R79H-v RSPRVVLPV	48	>VHL-R79H-r HSPRVVLPV	65	17
>VHL-R79H-v RSPRVVLPV	12	>VHL-R79H-r HSPRVVLPV	23	11
>VHL-R79H-v RSPRVVLPV	39	>VHL-R79H-r HSPRVVLPV	227	188
>VHL-R79H-v RSPRVVLPV	4	>VHL-R79H-r HSPRVVLPV	12	8
>VHL-R79H-v RSPRVVLPV	493	>VHL-R79H-r HSPRVVLPV	6161	5668
>VHL-R79H-v RSPRVVLPV	345	>VHL-R79H-r HSPRVVLPV	2057	1712

>VHL-R79H-v NRSRPRVVL	3681	>VHL-R79H-r NHSPRVVL	180	3501
>VHL-R79H-v NRSRPRVVL	22	>VHL-R79H-r NHSPRVVL	13	9
>VHL-R79H-v NRSRPRVLPV	265	>VHL-R79H-r NHSPRVLPV	100	165
>VHL-R79H-v NRSRPRVLPV	601	>VHL-R79H-r NHSPRVLPV	131	470
>VHL-R79H-v REPSQVIFCN	43	>VHL-R79H-r REPSQVIFCN	14270	14227
>VHL-R79H-v FCNRSRPRV	252	>VHL-R79H-r FCNHSPRV	257	5
>VHL-R79H-v FCNRSRPRV	107	>VHL-R79H-r FCNHSPRV	208	101
>VHL-R79H-v IFCNRSRPR	15	>VHL-R79H-r IFCNHSPR	20	5
>VHL-R79H-v IFCNRSRPR	20	>VHL-R79H-r IFCNHSPR	39	19
>VHL-R79H-v IFCNRSRPR	62	>VHL-R79H-r IFCNHSPR	51	11
>VHL-R79H-v VIFCNRSRPR'	72	>VHL-R79H-r VIFCNHSRPR'	43	29
>VHL-R79H-v VIFCNRSRPRV	7	>VHL-R79H-r VIFCNHSRPRV	3	4
>VHL-R79H-v VIFCNRSRPR'	15	>VHL-R79H-r VIFCNHSRPR'	7	8
>VHL-R79H-v VIFCNRSRPRV	86	>VHL-R79H-r VIFCNHSRPRV	41	45
>VHL-R79H-v VIFCNRSRPR'	191	>VHL-R79H-r VIFCNHSRPR'	86	105
>VHL-R79H-v VIFCNRSRPRV	70	>VHL-R79H-r VIFCNHSRPRV	35	35
>VHL-R79H-v VIFCNRSRPR'	874	>VHL-R79H-r VIFCNHSRPR'	410	464
>VHL-R79H-v VIFCNRSRPRV	400	>VHL-R79H-r VIFCNHSRPRV	121	279
>VHL-R79H-v VIFCNRSRPRV	7	>VHL-R79H-r VIFCNHSRPRV	6	1
>VHL-R79H-v VIFCNRSRPRV'	59	>VHL-R79H-r VIFCNHSRPRV'	58	1
>VHL-R79H-v VIFCNRSRPR	427	>VHL-R79H-r VIFCNHSRPR	677	250
>VHL-R79H-v VIFCNRSRPR	113	>VHL-R79H-r VIFCNHSRPR	111	2
>VHL-R79H-v VIFCNRSRPR	23	>VHL-R79H-r VIFCNHSRPR	25	2
>VHL-R79H-v VIFCNRSRPR	93	>VHL-R79H-r VIFCNHSRPR	104	11
>VHL-R79H-v VIFCNRSRPR	24	>VHL-R79H-r VIFCNHSRPR	23	1
>VHL-R79H-v VIFCNRSRPRV	508	>VHL-R79H-r VIFCNHSRPRV	146	362
>VHL-R79H-v VIFCNRSRPRV'	360	>VHL-R79H-r VIFCNHSRPRV'	271	89
>VHL-R79H-v QVIFCNRSRPR	1270	>VHL-R79H-r QVIFCNHSRPR	336	934
>VHL-R79H-v QVIFCNRSRPR	755	>VHL-R79H-r QVIFCNHSRPR	317	438
>VHL-R79H-v QVIFCNRSRPR	214	>VHL-R79H-r QVIFCNHSRPR	61	153
>VHL-R79H-v QVIFCNRSRPR	511	>VHL-R79H-r QVIFCNHSRPR	124	387
>VHL-R79H-v QVIFCNRSRPR	305	>VHL-R79H-r QVIFCNHSRPR	192	113
>VHL-R79H-v QVIFCNRSRPR	381	>VHL-R79H-r QVIFCNHSRPR	207	174
>VHL-R79H-v QVIFCNRSRPR	11	>VHL-R79H-r QVIFCNHSRPR	17	6
>VHL-R79H-v QVIFCNRSRPR	114	>VHL-R79H-r QVIFCNHSRPR	65	49
>VHL-R79H-v QVIFCNRSRPR	6	>VHL-R79H-r QVIFCNHSRPR	6	0
>VHL-R79H-v QVIFCNRS	824	>VHL-R79H-r QVIFCNHS	318	506
>VHL-R79H-v QVIFCNRSRPR	36	>VHL-R79H-r QVIFCNHSRPR	22	14
>VHL-R79H-v QVIFCNRSRPR	178	>VHL-R79H-r QVIFCNHSRPR	31	147
>VHL-R79H-v QVIFCNRSRPR	175	>VHL-R79H-r QVIFCNHSRPR	95	80
>VHL-R79H-v SQVIFCNR	54	>VHL-R79H-r SQVIFCNH	6010	5956
>VHL-R79H-v SQVIFCNRSPI	47	>VHL-R79H-r SQVIFCNHSP	38	9
>VHL-R79H-v SQVIFCNR	423	>VHL-R79H-r SQVIFCNH	26588	26165

>VHL-R79H-v SQVIFCNRSP	436	>VHL-R79H-r SQVIFCNHSP	413	23
>VHL-R79H-v SQVIFCNRSP	301	>VHL-R79H-r SQVIFCNHSP	229	72
>VHL-R79H-v SQVIFCNR	74	>VHL-R79H-r SQVIFCNH	14667	14593
>VHL-R79H-v SQVIFCNRSP	150	>VHL-R79H-r SQVIFCNHSP	119	31
>VHL-R79H-v PSQVIFCNR	125	>VHL-R79H-r PSQVIFCNH	12303	12178
>VHL-R79H-v PSQVIFCNR	362	>VHL-R79H-r PSQVIFCNH	28999	28637
>VHL-R79H-v EPSQVIFCNR	355	>VHL-R79H-r EPSQVIFCNH	17158	16803
>VHL-R79H-v EPSQVIFCNR	388	>VHL-R79H-r EPSQVIFCNH	12431	12043
>VHL-R79H-v EPSQVIFCNR	91	>VHL-R79H-r EPSQVIFCNH	12501	12410
>VHL-R79H-v EPSQVIFCNR	213	>VHL-R79H-r EPSQVIFCNH	28179	27966
>VHL-R79P-v RSPRVVLPV	488	>VHL-R79P-n RSPRVVLPV	13477	12989
>VHL-R79P-v RSPRVVLPV	301	>VHL-R79P-n RSPRVVLPV	12101	11800
>VHL-R79P-v RSPRVVLPV	130	>VHL-R79P-n RSPRVVLPV	7177	7047
>VHL-R79P-v RSPRVVLPVV	247	>VHL-R79P-n RSPRVVLPVV	8068	7821
>VHL-R79P-v RSPRVVLPVV	147	>VHL-R79P-n RSPRVVLPVV	7222	7075
>VHL-R79P-v RSPRVVLPVV	55	>VHL-R79P-n RSPRVVLPVV	5642	5587
>VHL-R79P-v RSPRVVLPVV	301	>VHL-R79P-n RSPRVVLPVV	17305	17004
>VHL-R79P-v RSPRVVLPVV	48	>VHL-R79P-n RSPRVVLPVV	1370	1322
>VHL-R79P-v RSPRVVLPVV	12	>VHL-R79P-n RSPRVVLPVV	2114	2102
>VHL-R79P-v RSPRVVLPVV	39	>VHL-R79P-n RSPRVVLPVV	490	451
>VHL-R79P-v RSPRVVLPVV	4	>VHL-R79P-n RSPRVVLPVV	22	18
>VHL-R79P-v RSPRVVLPVV	493	>VHL-R79P-n RSPRVVLPVV	26187	25694
>VHL-R79P-v RSPRVVLPVV	345	>VHL-R79P-n RSPRVVLPVV	11890	11545
>VHL-R79P-v NRSRVL	18635	>VHL-R79P-n NRSRVL	20	18615
>VHL-R79P-v NRSRVL	3695	>VHL-R79P-n NRSRVL	490	3205
>VHL-R79P-v NRSRVL	22	>VHL-R79P-n NRSRVL	43	21
>VHL-R79P-v NRSRVL	265	>VHL-R79P-n NRSRVL	760	495
>VHL-R79P-v NRSRVL	12133	>VHL-R79P-n NRSRVL	38	12095
>VHL-R79P-v NRSRVL	28977	>VHL-R79P-n NRSRVL	355	28622
>VHL-R79P-v NRSRVL	4145	>VHL-R79P-n NRSRVL	11	4134
>VHL-R79P-v REPSQVIFCN	43	>VHL-R79P-n REPSQVIFCN	25588	25545
>VHL-R79P-v CNRSRVL	17445	>VHL-R79P-n CNRSRVL	176	17269
>VHL-R79P-v CNRSRVL	9492	>VHL-R79P-n CNRSRVL	484	9008
>VHL-R79P-v FCNRSRVL	252	>VHL-R79P-n FCNRSRVL	103	149
>VHL-R79P-v FCNRSRVL	994	>VHL-R79P-n FCNRSRVL	481	513
>VHL-R79P-v FCNRSRVL	107	>VHL-R79P-n FCNRSRVL	50	57
>VHL-R79P-v IFCNRSRVL	1734	>VHL-R79P-n IFCNRSRVL	485	1249
>VHL-R79P-v IFCNRSR	15	>VHL-R79P-n IFCNRSR	31	16
>VHL-R79P-v IFCNRSR	20	>VHL-R79P-n IFCNRSR	57	37
>VHL-R79P-v IFCNRSR	62	>VHL-R79P-n IFCNRSR	104	42
>VHL-R79P-v VIFCNRSRVL	1031	>VHL-R79P-n VIFCNRSRVL	423	608
>VHL-R79P-v VIFCNRSRVL	646	>VHL-R79P-n VIFCNRSRVL	348	298
>VHL-R79P-v VIFCNRSRVL	72	>VHL-R79P-n VIFCNRSRVL	28	44

>VHL-R79P-v VIFCNRSPRV	7	>VHL-R79P-n VIFCNPSPRV	3	4
>VHL-R79P-v VIFCNRSPRV^	15	>VHL-R79P-n VIFCNPSPRV^	5	10
>VHL-R79P-v VIFCNRSPRV	86	>VHL-R79P-n VIFCNPSPRV	28	58
>VHL-R79P-v VIFCNRSPRV^	191	>VHL-R79P-n VIFCNPSPRV^	54	137
>VHL-R79P-v VIFCNRSPRV	70	>VHL-R79P-n VIFCNPSPRV	21	49
>VHL-R79P-v VIFCNRSPRV^	874	>VHL-R79P-n VIFCNPSPRV^	228	646
>VHL-R79P-v VIFCNRSPRV	400	>VHL-R79P-n VIFCNPSPRV	36	364
>VHL-R79P-v VIFCNRSPRV	7	>VHL-R79P-n VIFCNPSPRV	8	1
>VHL-R79P-v VIFCNRSPRV^	59	>VHL-R79P-n VIFCNPSPRV^	59	0
>VHL-R79P-v VIFCNRSPR	427	>VHL-R79P-n VIFCNPSPR	400	27
>VHL-R79P-v VIFCNRSPR	113	>VHL-R79P-n VIFCNPSPR	94	19
>VHL-R79P-v VIFCNRSPR	23	>VHL-R79P-n VIFCNPSPR	116	93
>VHL-R79P-v VIFCNRSPR	93	>VHL-R79P-n VIFCNPSPR	357	264
>VHL-R79P-v VIFCNRSPR	24	>VHL-R79P-n VIFCNPSPR	55	31
>VHL-R79P-v VIFCNRSPRV	508	>VHL-R79P-n VIFCNPSPRV	121	387
>VHL-R79P-v VIFCNRSPRV^	360	>VHL-R79P-n VIFCNPSPRV^	341	19
>VHL-R79P-v QVIFCNRSPR	1270	>VHL-R79P-n QVIFCNRSPR^	477	793
>VHL-R79P-v QVIFCNRSPR	214	>VHL-R79P-n QVIFCNRSPR^	70	144
>VHL-R79P-v QVIFCNRSPR	511	>VHL-R79P-n QVIFCNRSPR^	189	322
>VHL-R79P-v QVIFCNRSPR	305	>VHL-R79P-n QVIFCNRSPR	264	41
>VHL-R79P-v QVIFCNRSPR	381	>VHL-R79P-n QVIFCNRSPR	189	192
>VHL-R79P-v QVIFCNRSPR	11	>VHL-R79P-n QVIFCNRSPR	34	23
>VHL-R79P-v QVIFCNRSPR	114	>VHL-R79P-n QVIFCNRSPR	290	176
>VHL-R79P-v QVIFCNRSPR	6	>VHL-R79P-n QVIFCNRSPR	6	0
>VHL-R79P-v QVIFCNRS	824	>VHL-R79P-n QVIFCNRS	188	636
>VHL-R79P-v QVIFCNRSPR	36	>VHL-R79P-n QVIFCNRSPR^	24	12
>VHL-R79P-v QVIFCNRSPR	178	>VHL-R79P-n QVIFCNRSPR^	28	150
>VHL-R79P-v QVIFCNRSPR	175	>VHL-R79P-n QVIFCNRSPR	184	9
>VHL-R79P-v SQVIFCNR	54	>VHL-R79P-n SQVIFCNP	19218	19164
>VHL-R79P-v SQVIFCNRSPi	47	>VHL-R79P-n SQVIFCNPSPi	80	33
>VHL-R79P-v SQVIFCNR	423	>VHL-R79P-n SQVIFCNP	40698	40275
>VHL-R79P-v SQVIFCNRSPi	436	>VHL-R79P-n SQVIFCNPSPi	684	248
>VHL-R79P-v SQVIFCNRSPi	301	>VHL-R79P-n SQVIFCNPSPi	202	99
>VHL-R79P-v SQVIFCNR	74	>VHL-R79P-n SQVIFCNP	23809	23735
>VHL-R79P-v SQVIFCNRSPi	150	>VHL-R79P-n SQVIFCNPSPi	134	16
>VHL-R79P-v PSQVIFCNR	125	>VHL-R79P-n PSQVIFCNP	22069	21944
>VHL-R79P-v PSQVIFCNR	362	>VHL-R79P-n PSQVIFCNP	36970	36608
>VHL-R79P-v EPSQVIFCNR	355	>VHL-R79P-n EPSQVIFCNP	32686	32331
>VHL-R79P-v EPSQVIFCNR	388	>VHL-R79P-n EPSQVIFCNP	28684	28296
>VHL-R79P-v EPSQVIFCNR	91	>VHL-R79P-n EPSQVIFCNP	34414	34323
>VHL-R79P-v EPSQVIFCNR:	1597	>VHL-R79P-n EPSQVIFCNP:	155	1442
>VHL-R79P-v EPSQVIFCNR	213	>VHL-R79P-n EPSQVIFCNP	33877	33664
>VHL-R82C-v RVVLPVWL	415	>VHL-R82C-n CVVLPVWL	1715	1300



>VHL-R82C-v RVVLPVWL	535	>VHL-R82C-n CVVLPVWL	307	228
>VHL-R82C-v RVVLPVWLN	182	>VHL-R82C-n CVVLPVWLN	109	73
>VHL-R82C-v RVVLPVWL	351	>VHL-R82C-n CVVLPVWL	17746	17395
>VHL-R82C-v RVVLPVWLN	202	>VHL-R82C-n CVVLPVWLN	12806	12604
>VHL-R82C-v RVVLPVWL	2436	>VHL-R82C-n CVVLPVWL	343	2093
>VHL-R82C-v RVVLPVWL	89	>VHL-R82C-n CVVLPVWL	5868	5779
>VHL-R82C-v RVVLPVWLN	9	>VHL-R82C-n CVVLPVWLN	385	376
>VHL-R82C-v RVVLPVWLN	56	>VHL-R82C-n CVVLPVWLN	1008	952
>VHL-R82C-v RVVLPVWL	1825	>VHL-R82C-n CVVLPVWL	257	1568
>VHL-R82C-v RVVLPVWLN	230	>VHL-R82C-n CVVLPVWLN	3195	2965
>VHL-R82C-v RVVLPVWLN	320	>VHL-R82C-n CVVLPVWLN	359	39
>VHL-R82C-v PRVVLPPVWL	364	>VHL-R82C-n PCVVLPPVWL	3219	2855
>VHL-R82C-v PRVVLPPVWL	89	>VHL-R82C-n PCVVLPPVWL	30301	30212
>VHL-R82C-v PRVVLPPVWL	385	>VHL-R82C-n PCVVLPPVWL	36514	36129
>VHL-R82C-v SQVIFCNRSP	47	>VHL-R82C-n SQVIFCNRSP	19671	19624
>VHL-R82C-v SQVIFCNRSP	436	>VHL-R82C-n SQVIFCNRSP	42942	42506
>VHL-R82C-v SQVIFCNRSP	301	>VHL-R82C-n SQVIFCNRSP	1521	1220
>VHL-R82C-v SQVIFCNRSP	150	>VHL-R82C-n SQVIFCNRSP	32753	32603
>VHL-R82C-v SPRVLPV	21	>VHL-R82C-n SPCVLPV	1745	1724
>VHL-R82C-v SPRVLPVW	189	>VHL-R82C-n SPCVLPVW	11548	11359
>VHL-R82C-v SPRVLPVWI	61	>VHL-R82C-n SPCVLPVWI	835	774
>VHL-R82C-v SPRVLPVW	318	>VHL-R82C-n SPCVLPVW	279	39
>VHL-R82C-v SPRVLPV	251	>VHL-R82C-n SPCVLPV	609	358
>VHL-R82C-v SPRVLPVW	42	>VHL-R82C-n SPCVLPVW	24	18
>VHL-R82C-v RSPRVLPV	1309	>VHL-R82C-n RSPCVLPV	485	824
>VHL-R82C-v RSPRVLPV	488	>VHL-R82C-n RSPCVLPV	206	282
>VHL-R82C-v RSPRVLPV	664	>VHL-R82C-n RSPCVLPV	350	314
>VHL-R82C-v RSPRVLPV	301	>VHL-R82C-n RSPCVLPV	1000	699
>VHL-R82C-v RSPRVLPV	130	>VHL-R82C-n RSPCVLPV	136	6
>VHL-R82C-v RSPRVLPVW	247	>VHL-R82C-n RSPCVLPVW	227	20
>VHL-R82C-v RSPRVLPVW	147	>VHL-R82C-n RSPCVLPVW	138	9
>VHL-R82C-v RSPRVLPV	594	>VHL-R82C-n RSPCVLPV	101	493
>VHL-R82C-v RSPRVLPVW	55	>VHL-R82C-n RSPCVLPVW	42	13
>VHL-R82C-v RSPRVLPVW	301	>VHL-R82C-n RSPCVLPVW	195	106
>VHL-R82C-v RSPRVLPVW	48	>VHL-R82C-n RSPCVLPVW	84	36
>VHL-R82C-v RSPRVLPVW	12	>VHL-R82C-n RSPCVLPVW	17	5
>VHL-R82C-v RSPRVLPVW	39	>VHL-R82C-n RSPCVLPVW	33	6
>VHL-R82C-v RSPRVLPVW	4	>VHL-R82C-n RSPCVLPVW	4	0
>VHL-R82C-v RSPRVLPVW	493	>VHL-R82C-n RSPCVLPVW	1948	1455
>VHL-R82C-v RSPRVLPVW	345	>VHL-R82C-n RSPCVLPVW	344	1
>VHL-R82C-v NRSRVL	22	>VHL-R82C-n NRSPCVL	27	5
>VHL-R82C-v NRSRVL	265	>VHL-R82C-n NRSPCVL	158	107
>VHL-R82C-v NRSRVL	601	>VHL-R82C-n NRSPCVL	169	432

>VHL-R82C-v FCNRSPRV	252	>VHL-R82C-n FCNRSPCV	463	211
>VHL-R82C-v FCNRSPRVV	994	>VHL-R82C-n FCNRSPCVV	114	880
>VHL-R82C-v FCNRSPRV	1257	>VHL-R82C-n FCNRSPCV	312	945
>VHL-R82C-v FCNRSPRV	107	>VHL-R82C-n FCNRSPCV	155	48
>VHL-R82C-v FCNRSPRVV	2898	>VHL-R82C-n FCNRSPCVV	84	2814
>VHL-R82C-v IFCNRSPR	15	>VHL-R82C-n IFCNRSPC	17876	17861
>VHL-R82C-v IFCNRSPR	20	>VHL-R82C-n IFCNRSPC	20799	20779
>VHL-R82C-v IFCNRSPR	62	>VHL-R82C-n IFCNRSPC	33911	33849
>VHL-R82C-v VIFCNRSPRV^	72	>VHL-R82C-n VIFCNRSPCV^	49	23
>VHL-R82C-v VIFCNRSPRV	662	>VHL-R82C-n VIFCNRSPCV	469	193
>VHL-R82C-v VIFCNRSPRV	7	>VHL-R82C-n VIFCNRSPCV	17	10
>VHL-R82C-v VIFCNRSPRV^	15	>VHL-R82C-n VIFCNRSPCV^	8	7
>VHL-R82C-v VIFCNRSPRV	86	>VHL-R82C-n VIFCNRSPCV	48	38
>VHL-R82C-v VIFCNRSPRV^	191	>VHL-R82C-n VIFCNRSPCV^	45	146
>VHL-R82C-v VIFCNRSPRV	70	>VHL-R82C-n VIFCNRSPCV	44	26
>VHL-R82C-v VIFCNRSPRV^	874	>VHL-R82C-n VIFCNRSPCV^	82	792
>VHL-R82C-v VIFCNRSPRV	400	>VHL-R82C-n VIFCNRSPCV	212	188
>VHL-R82C-v VIFCNRSPRV^	3511	>VHL-R82C-n VIFCNRSPCV^	400	3111
>VHL-R82C-v VIFCNRSPRV	7	>VHL-R82C-n VIFCNRSPCV	17	10
>VHL-R82C-v VIFCNRSPRV^	59	>VHL-R82C-n VIFCNRSPCV^	13	46
>VHL-R82C-v VIFCNRSPR	427	>VHL-R82C-n VIFCNRSPC	20540	20113
>VHL-R82C-v VIFCNRSPR	113	>VHL-R82C-n VIFCNRSPC	23574	23461
>VHL-R82C-v VIFCNRSPR	23	>VHL-R82C-n VIFCNRSPC	16626	16603
>VHL-R82C-v VIFCNRSPR	93	>VHL-R82C-n VIFCNRSPC	29561	29468
>VHL-R82C-v VIFCNRSPR	24	>VHL-R82C-n VIFCNRSPC	27890	27866
>VHL-R82C-v VIFCNRSPRV^	548	>VHL-R82C-n VIFCNRSPCV^	217	331
>VHL-R82C-v VIFCNRSPRV^	360	>VHL-R82C-n VIFCNRSPCV^	193	167
>VHL-R82C-v QVIFCNRSPR	214	>VHL-R82C-n QVIFCNRSPC	239	25
>VHL-R82C-v QVIFCNRSPR	305	>VHL-R82C-n QVIFCNRSPC	16848	16543
>VHL-R82C-v QVIFCNRSPR	381	>VHL-R82C-n QVIFCNRSPC	32585	32204
>VHL-R82C-v QVIFCNRSPR	11	>VHL-R82C-n QVIFCNRSPC	6064	6053
>VHL-R82C-v QVIFCNRSPR	114	>VHL-R82C-n QVIFCNRSPC	14990	14876
>VHL-R82C-v QVIFCNRSPR	6	>VHL-R82C-n QVIFCNRSPC	19141	19135
>VHL-R82C-v QVIFCNRSPR	36	>VHL-R82C-n QVIFCNRSPC	70	34
>VHL-R82C-v QVIFCNRSPR	178	>VHL-R82C-n QVIFCNRSPC	546	368
>VHL-R82C-v QVIFCNRSPR	175	>VHL-R82C-n QVIFCNRSPC	34537	34362
>VHL-R82P-v RVVLPVWL	415	>VHL-R82P-n PVVLPVWL	8426	8011
>VHL-R82P-v RVVLPVWL	535	>VHL-R82P-n PVVLPVWL	439	96
>VHL-R82P-v RVVLPVWLN	182	>VHL-R82P-n PVVLPVWLN	153	29
>VHL-R82P-v RVVLPVWL	351	>VHL-R82P-n PVVLPVWL	15908	15557
>VHL-R82P-v RVVLPVWLN	202	>VHL-R82P-n PVVLPVWLN	11679	11477
>VHL-R82P-v RVVLPVWL	89	>VHL-R82P-n PVVLPVWL	16203	16114
>VHL-R82P-v RVVLPVWLN	9	>VHL-R82P-n PVVLPVWLN	4129	4120

>VHL-R82P-v RVVLPVWLN	56	>VHL-R82P-n PVVLPVWLN	14237	14181
>VHL-R82P-v RVVLPVWLN	230	>VHL-R82P-n PVVLPVWLN	8283	8053
>VHL-R82P-v RVVLPVWLN	320	>VHL-R82P-n PVVLPVWLN	2032	1712
>VHL-R82P-v PRVVLPPVWLI	29428	>VHL-R82P-n PPVVLPPVWLI	208	29220
>VHL-R82P-v PRVVLPPVWLI	364	>VHL-R82P-n PPVVLPPVWLI	2925	2561
>VHL-R82P-v PRVVLPPVW	9956	>VHL-R82P-n PPVVLPPVW	43	9913
>VHL-R82P-v PRVVLPPVWLI	18586	>VHL-R82P-n PPVVLPPVWLI	116	18470
>VHL-R82P-v PRVVLPPVW	11243	>VHL-R82P-n PPVVLPPVW	24	11219
>VHL-R82P-v PRVVLPPVWL	89	>VHL-R82P-n PPVVLPPVWL	25129	25040
>VHL-R82P-v PRVVLPPVWLI	385	>VHL-R82P-n PPVVLPPVWLI	33763	33378
>VHL-R82P-v SQVIFCNRSP	47	>VHL-R82P-n SQVIFCNRSP	19260	19213
>VHL-R82P-v SQVIFCNRSP	436	>VHL-R82P-n SQVIFCNRSP	40012	39576
>VHL-R82P-v SQVIFCNRSP	301	>VHL-R82P-n SQVIFCNRSP	1167	866
>VHL-R82P-v SQVIFCNRSP	150	>VHL-R82P-n SQVIFCNRSP	30457	30307
>VHL-R82P-v SPRVVLPPV	21	>VHL-R82P-n SPPVVLPPV	631	610
>VHL-R82P-v SPRVVLPPVW	189	>VHL-R82P-n SPPVVLPPVW	9193	9004
>VHL-R82P-v SPRVVLPPVWI	61	>VHL-R82P-n SPPVVLPPVWI	217	156
>VHL-R82P-v SPRVVLPPVW	318	>VHL-R82P-n SPPVVLPPVW	268	50
>VHL-R82P-v SPRVVLPPV	251	>VHL-R82P-n SPPVVLPPV	729	478
>VHL-R82P-v SPRVVLPPVWI	12847	>VHL-R82P-n SPPVVLPPVWI	70	12777
>VHL-R82P-v SPRVVLPPVW	42	>VHL-R82P-n SPPVVLPPVW	43	1
>VHL-R82P-v RSPRVVLPPV	488	>VHL-R82P-n RSPPVVLPPV	92	396
>VHL-R82P-v RSPRVVLPPV	664	>VHL-R82P-n RSPPVVLPPV	290	374
>VHL-R82P-v RSPRVVLPPV	301	>VHL-R82P-n RSPPVVLPPV	550	249
>VHL-R82P-v RSPRVVLPPV	130	>VHL-R82P-n RSPPVVLPPV	308	178
>VHL-R82P-v RSPRVVLPPVW	247	>VHL-R82P-n RSPPVVLPPVW	323	76
>VHL-R82P-v RSPRVVLPPVW	147	>VHL-R82P-n RSPPVVLPPVW	202	55
>VHL-R82P-v RSPRVVLPPV	594	>VHL-R82P-n RSPPVVLPPV	134	460
>VHL-R82P-v RSPRVVLPPV	3748	>VHL-R82P-n RSPPVVLPPV	317	3431
>VHL-R82P-v RSPRVVLPPVW	55	>VHL-R82P-n RSPPVVLPPVW	9	46
>VHL-R82P-v RSPRVVLPPVW	301	>VHL-R82P-n RSPPVVLPPVW	32	269
>VHL-R82P-v RSPRVVLPPVW	48	>VHL-R82P-n RSPPVVLPPVW	38	10
>VHL-R82P-v RSPRVVLPPVW	12	>VHL-R82P-n RSPPVVLPPVW	10	2
>VHL-R82P-v RSPRVVLPP	2336	>VHL-R82P-n RSPPVVLPP	268	2068
>VHL-R82P-v RSPRVVLPPVW	39	>VHL-R82P-n RSPPVVLPPVW	9	30
>VHL-R82P-v RSPRVVLPPVW	4	>VHL-R82P-n RSPPVVLPPVW	2	2
>VHL-R82P-v RSPRVVLPPVW	493	>VHL-R82P-n RSPPVVLPPVW	663	170
>VHL-R82P-v RSPRVVLPPVW	345	>VHL-R82P-n RSPPVVLPPVW	97	248
>VHL-R82P-v NRSRPPVVL	22	>VHL-R82P-n NRSPPVVL	19	3
>VHL-R82P-v NRSRPPVLPV	265	>VHL-R82P-n NRSPPVLPV	208	57
>VHL-R82P-v NRSRPPVLPV	601	>VHL-R82P-n NRSPPVLPV	411	190
>VHL-R82P-v FCNRSRPPV	252	>VHL-R82P-n FCNRSPPV	144	108
>VHL-R82P-v FCNRSRPPV	994	>VHL-R82P-n FCNRSPPV	164	830

>VHL-R82P-v FCNRSRPRV	1257	>VHL-R82P-n FCNRSPPV	300	957
>VHL-R82P-v FCNRSRPRV	107	>VHL-R82P-n FCNRSPPV	99	8
>VHL-R82P-v FCNRSRPRV	2898	>VHL-R82P-n FCNRSPPVV	111	2787
>VHL-R82P-v FCNRSRPRV	1444	>VHL-R82P-n FCNRSPPV	199	1245
>VHL-R82P-v IFCNRSRPR	15	>VHL-R82P-n IFCNRSPP	17492	17477
>VHL-R82P-v IFCNRSRPR	20	>VHL-R82P-n IFCNRSPP	17753	17733
>VHL-R82P-v IFCNRSRPR	62	>VHL-R82P-n IFCNRSPP	31861	31799
>VHL-R82P-v VIFCNRSRPRV	1031	>VHL-R82P-n VIFCNRSPPV	209	822
>VHL-R82P-v VIFCNRSRPRV^	2445	>VHL-R82P-n VIFCNRSPPV^	297	2148
>VHL-R82P-v VIFCNRSRPRV	646	>VHL-R82P-n VIFCNRSPPV	187	459
>VHL-R82P-v VIFCNRSRPRV^	72	>VHL-R82P-n VIFCNRSPPV^	53	19
>VHL-R82P-v VIFCNRSRPRV	662	>VHL-R82P-n VIFCNRSPPV	154	508
>VHL-R82P-v VIFCNRSRPRV^	1824	>VHL-R82P-n VIFCNRSPPV^	214	1610
>VHL-R82P-v VIFCNRSRPRV	7	>VHL-R82P-n VIFCNRSPPV	6	1
>VHL-R82P-v VIFCNRSRPRV^	15	>VHL-R82P-n VIFCNRSPPV^	8	7
>VHL-R82P-v VIFCNRSRPRV	86	>VHL-R82P-n VIFCNRSPPV	21	65
>VHL-R82P-v VIFCNRSRPRV^	191	>VHL-R82P-n VIFCNRSPPV^	58	133
>VHL-R82P-v VIFCNRSRPRV	70	>VHL-R82P-n VIFCNRSPPV	41	29
>VHL-R82P-v VIFCNRSRPRV^	874	>VHL-R82P-n VIFCNRSPPV^	62	812
>VHL-R82P-v VIFCNRSRPRV	400	>VHL-R82P-n VIFCNRSPPV	385	15
>VHL-R82P-v VIFCNRSRPRV^	3511	>VHL-R82P-n VIFCNRSPPV^	352	3159
>VHL-R82P-v VIFCNRSRPRV	7	>VHL-R82P-n VIFCNRSPPV	8	1
>VHL-R82P-v VIFCNRSRPRV^	59	>VHL-R82P-n VIFCNRSPPV^	14	45
>VHL-R82P-v VIFCNRSRPR	427	>VHL-R82P-n VIFCNRSPP	18271	17844
>VHL-R82P-v VIFCNRSRPR	113	>VHL-R82P-n VIFCNRSPP	20692	20579
>VHL-R82P-v VIFCNRSRPR	23	>VHL-R82P-n VIFCNRSPP	16317	16294
>VHL-R82P-v VIFCNRSRPR	93	>VHL-R82P-n VIFCNRSPP	28146	28053
>VHL-R82P-v VIFCNRSRPR	24	>VHL-R82P-n VIFCNRSPP	22794	22770
>VHL-R82P-v VIFCNRSRPRV	508	>VHL-R82P-n VIFCNRSPPV	84	424
>VHL-R82P-v VIFCNRSRPRV^	360	>VHL-R82P-n VIFCNRSPPV^	288	72
>VHL-R82P-v QVIFCNRSRPR	1270	>VHL-R82P-n QVIFCNRSPP^	391	879
>VHL-R82P-v QVIFCNRSRPR	755	>VHL-R82P-n QVIFCNRSPP^	179	576
>VHL-R82P-v QVIFCNRSRPR	214	>VHL-R82P-n QVIFCNRSPP^	45	169
>VHL-R82P-v QVIFCNRSRPR	305	>VHL-R82P-n QVIFCNRSPP	13103	12798
>VHL-R82P-v QVIFCNRSRPR	381	>VHL-R82P-n QVIFCNRSPP	30086	29705
>VHL-R82P-v QVIFCNRSRPR	11	>VHL-R82P-n QVIFCNRSPP	7620	7609
>VHL-R82P-v QVIFCNRSRPR	114	>VHL-R82P-n QVIFCNRSPP	15390	15276
>VHL-R82P-v QVIFCNRSRPR	6	>VHL-R82P-n QVIFCNRSPP	13177	13171
>VHL-R82P-v QVIFCNRSRPR	36	>VHL-R82P-n QVIFCNRSPP^	17	19
>VHL-R82P-v QVIFCNRSRPR	178	>VHL-R82P-n QVIFCNRSPP^	40	138
>VHL-R82P-v QVIFCNRSRPR	175	>VHL-R82P-n QVIFCNRSPP	33089	32914
>VHL-S111G-SYRGHLWLF	32	>VHL-S111G-GYRGHLWLF	24	8
>VHL-S111G-SYRGHLWLF	24	>VHL-S111G-GYRGHLWLF	61	37

>VHL-S111G-SYRGHLWL	17	>VHL-S111G-GYRGHLWL	26	9
>VHL-S111G-SYRGHLWLF	5	>VHL-S111G-GYRGHLWLF	7	2
>VHL-S111G-SYRGHLWLF	351	>VHL-S111G-GYRGHLWLF	5564	5213
>VHL-S111G-SYRGHLWLF	96	>VHL-S111G-GYRGHLWLF	101	5
>VHL-S111G-SYRGHLWL	38	>VHL-S111G-GYRGHLWL	193	155
>VHL-S111G-SYRGHLWLF	11	>VHL-S111G-GYRGHLWLF	34	23
>VHL-S111G-SYRGHLWLF	7	>VHL-S111G-GYRGHLWLF	23	16
>VHL-S111G-SYRGHLWLF	88	>VHL-S111G-GYRGHLWLF	828	740
>VHL-S111G-SYRGHLWLF	406	>VHL-S111G-GYRGHLWLF	446	40
>VHL-S111G-SYRGHLWLF	265	>VHL-S111G-GYRGHLWLF	1115	850
>VHL-S111G-SYRGHLWLF	396	>VHL-S111G-GYRGHLWLF	651	255
>VHL-S111G-SYRGHLWLF	23	>VHL-S111G-GYRGHLWLF	47	24
>VHL-S111G-SYRGHLWL	262	>VHL-S111G-GYRGHLWL	1602	1340
>VHL-S111G-SYRGHLWLF	430	>VHL-S111G-GYRGHLWLF	1696	1266
>VHL-S111G-SYRGHLWL	420	>VHL-S111G-GYRGHLWL	2813	2393
>VHL-S111G-SYRGHLWLF	277	>VHL-S111G-GYRGHLWLF	2428	2151
>VHL-S111G-HSYRGHLWLI	50	>VHL-S111G-HGYRGHLWL	432	382
>VHL-S111G-HSYRGHLWLI	47	>VHL-S111G-HGYRGHLWL	2975	2928
>VHL-S111G-HSYRGHLWLI	376	>VHL-S111G-HGYRGHLWL	3143	2767
>VHL-S111G-HSYRGHLWLI	178	>VHL-S111G-HGYRGHLWL	14890	14712
>VHL-S111G-HSYRGHLWL	93	>VHL-S111G-HGYRGHLWL	2196	2103
>VHL-S111G-HSYRGHLWLI	27	>VHL-S111G-HGYRGHLWL	451	424
>VHL-S111G-HSYRGHLWLI	457	>VHL-S111G-HGYRGHLWL	4140	3683
>VHL-S111G-HSYRGHLWLI	8	>VHL-S111G-HGYRGHLWL	30	22
>VHL-S111G-HSYRGHLWLI	293	>VHL-S111G-HGYRGHLWL	11773	11480
>VHL-S111G-HSYRGHLWLI	27	>VHL-S111G-HGYRGHLWL	867	840
>VHL-S111G-HSYRGHLWLI	9	>VHL-S111G-HGYRGHLWL	136	127
>VHL-S111G-HSYRGHLWLI	36	>VHL-S111G-HGYRGHLWL	628	592
>VHL-S111G-HSYRGHLW	4	>VHL-S111G-HGYRGHLW	66	62
>VHL-S111G-HSYRGHLWL	5	>VHL-S111G-HGYRGHLWL	335	330
>VHL-S111G-HSYRGHLW	34	>VHL-S111G-HGYRGHLW	65	31
>VHL-S111G-HSYRGHLWLI	62	>VHL-S111G-HGYRGHLWL	709	647
>VHL-S111G-HSYRGHLW	10	>VHL-S111G-HGYRGHLW	28	18
>VHL-S111G-HSYRGHLWLI	19	>VHL-S111G-HGYRGHLWL	217	198
>VHL-S111G-HSYRGHLWL	126	>VHL-S111G-HGYRGHLWL	1605	1479
>VHL-S111G-HSYRGHLWLI	55	>VHL-S111G-HGYRGHLWL	682	627
>VHL-S111G-HSYRGHLW	137	>VHL-S111G-HGYRGHLW	485	348
>VHL-S111G-HSYRGHLWLI	300	>VHL-S111G-HGYRGHLWL	1948	1648
>VHL-S111G-HSYRGHLWLI	46	>VHL-S111G-HGYRGHLWL	30	16
>VHL-S111G-HSYRGHLWL	153	>VHL-S111G-HGYRGHLWL	3088	2935
>VHL-S111G-IHSYRGHLWL	569	>VHL-S111G-IHGYRGHLWI	244	325
>VHL-S111G-IHSYRGHLWL	131	>VHL-S111G-IHGYRGHLWI	121	10
>VHL-S111G-IHSYRGHLWL	91	>VHL-S111G-IHGYRGHLWI	395	304

>VHL-S111G-IHSYRGHLWL	402	>VHL-S111G-IHGYRGHLWI	5271	4869
>VHL-S111G-RIHSYRGHL	336	>VHL-S111G-RIHGYRGHL	608	272
>VHL-S111G-RIHSYRGHLM	799	>VHL-S111G-RIHGYRGHLV	470	329
>VHL-S111G-RIHSYRGHLM	414	>VHL-S111G-RIHGYRGHLV	117	297
>VHL-S111G-RIHSYRGHL	23	>VHL-S111G-RIHGYRGHL	30	7
>VHL-S111G-RIHSYRGHLM	21	>VHL-S111G-RIHGYRGHLV	26	5
>VHL-S111G-RIHSYRGHLM	117	>VHL-S111G-RIHGYRGHLV	81	36
>VHL-S111G-RIHSYRGHLM	50	>VHL-S111G-RIHGYRGHLV	47	3
>VHL-S111G-RIHSYRGHLM	74	>VHL-S111G-RIHGYRGHLV	142	68
>VHL-S111G-RRHSYRGH	107	>VHL-S111G-RRIHGYRGH	483	376
>VHL-S111G-RRHSYRGHL	52	>VHL-S111G-RRIHGYRGHL	152	100
>VHL-S111G-RRHSYRGHL'	119	>VHL-S111G-RRIHGYRGHL	277	158
>VHL-S111G-RRHSYRGH	112	>VHL-S111G-RRIHGYRGH	102	10
>VHL-S111G-RRHSYRGHL	9	>VHL-S111G-RRIHGYRGHL	9	0
>VHL-S111G-RRHSYRGHL'	134	>VHL-S111G-RRIHGYRGHL	118	16
>VHL-S111G-RRHSYRG	99	>VHL-S111G-RRIHGYRG	122	23
>VHL-S111G-RRHSYRGH	195	>VHL-S111G-RRIHGYRGH	124	71
>VHL-S111G-RRHSYRGHL	21	>VHL-S111G-RRIHGYRGHL	23	2
>VHL-S111G-RRHSYRGHL'	96	>VHL-S111G-RRIHGYRGHL	73	23
>VHL-S111G-RRHSYRGH	201	>VHL-S111G-RRIHGYRGH	94	107
>VHL-S111G-RRHSYRGHL	18	>VHL-S111G-RRIHGYRGHL	20	2
>VHL-S111G-RRHSYRGHL'	336	>VHL-S111G-RRIHGYRGHL	188	148
>VHL-S111G-RRHSYRGHL'	124	>VHL-S111G-RRIHGYRGHL	131	7
>VHL-S111G-GRRHSYRGH	212	>VHL-S111G-GRRIHGYRGH	187	25
>VHL-S111G-GRRHSYRGH	174	>VHL-S111G-GRRIHGYRGH	166	8
>VHL-S111G-GRRHSYRGH	13	>VHL-S111G-GRRIHGYRGH	15	2
>VHL-S111G-TGRRHSYR	148	>VHL-S111G-TGRRIHGYR	223	75
>VHL-S111G-TGRRHSY	185	>VHL-S111G-TGRRIHGY	257	72
>VHL-S111G-TGRRHSYR	14	>VHL-S111G-TGRRIHGYR	25	11
>VHL-S111G-TGRRHSYR	104	>VHL-S111G-TGRRIHGYR	373	269
>VHL-S111G-GTGRRHSYR	452	>VHL-S111G-GTGRRIHGYR	1418	966
>VHL-S111G-GTGRRHSY	415	>VHL-S111G-GTGRRIHGY	378	37
>VHL-S111G-GTGRRHSY	722	>VHL-S111G-GTGRRIHGY	268	454
>VHL-S111G-GTGRRHSY	316	>VHL-S111G-GTGRRIHGY	483	167
>VHL-S111G-GTGRRHSY	74	>VHL-S111G-GTGRRIHGY	125	51
>VHL-S111G-GTGRRHSYR	38	>VHL-S111G-GTGRRIHGYR	113	75
>VHL-S111G-GTGRRHSYR	117	>VHL-S111G-GTGRRIHGYR	609	492
>VHL-S111G-GTGRRHSYR	245	>VHL-S111G-GTGRRIHGYR	1818	1573
>VHL-S111G-GTGRRHSY	439	>VHL-S111G-GTGRRIHGY	367	72
>VHL-S111G-GTGRRHSY	491	>VHL-S111G-GTGRRIHGY	2204	1713
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>VHL-S111G-GTGRRHSY	131	>VHL-S111G-GTGRRIHGY	622	491
>VHL-S111G-GTGRRHSYR	400	>VHL-S111G-GTGRRIHGYR	362	38

>VHL-S111I-ν SYRGHLWL	1678	>VHL-S111I-r IYRGHLWL	315	1363
>VHL-S111I-ν SYRGHLWLF	32	>VHL-S111I-r IYRGHLWLF	19	13
>VHL-S111I-ν SYRGHLWL	650	>VHL-S111I-r IYRGHLWL	229	421
>VHL-S111I-ν SYRGHLWLF	24	>VHL-S111I-r IYRGHLWLF	15	9
>VHL-S111I-ν SYRGHLWL	17	>VHL-S111I-r IYRGHLWL	32	15
>VHL-S111I-ν SYRGHLWLF	5	>VHL-S111I-r IYRGHLWLF	10	5
>VHL-S111I-ν SYRGHLWLF	351	>VHL-S111I-r IYRGHLWLF	2260	1909
>VHL-S111I-ν SYRGHLWLF	96	>VHL-S111I-r IYRGHLWLF	98	2
>VHL-S111I-ν SYRGHLWL	38	>VHL-S111I-r IYRGHLWL	87	49
>VHL-S111I-ν SYRGHLWLFF	11	>VHL-S111I-r IYRGHLWLFR	19	8
>VHL-S111I-ν SYRGHLWLFF	7	>VHL-S111I-r IYRGHLWLFR	9	2
>VHL-S111I-ν SYRGHLWLFF	88	>VHL-S111I-r IYRGHLWLFR	75	13
>VHL-S111I-ν SYRGHLWLF	406	>VHL-S111I-r IYRGHLWLF	969	563
>VHL-S111I-ν SYRGHLWLFF	265	>VHL-S111I-r IYRGHLWLFR	810	545
>VHL-S111I-ν SYRGHLWLFF	396	>VHL-S111I-r IYRGHLWLFR	1505	1109
>VHL-S111I-ν SYRGHLWLFF	23	>VHL-S111I-r IYRGHLWLFR	23	0
>VHL-S111I-ν SYRGHLWL	262	>VHL-S111I-r IYRGHLWL	748	486
>VHL-S111I-ν SYRGHLWLFF	430	>VHL-S111I-r IYRGHLWLFR	1336	906
>VHL-S111I-ν SYRGHLWL	420	>VHL-S111I-r IYRGHLWL	1227	807
>VHL-S111I-ν SYRGHLWLF	277	>VHL-S111I-r IYRGHLWLF	874	597
>VHL-S111I-ν HSYRGHLWL	7949	>VHL-S111I-r HIYRGHLWL	211	7738
>VHL-S111I-ν HSYRGHLWL	11647	>VHL-S111I-r HIYRGHLWL	25	11622
>VHL-S111I-ν HSYRGHLWLI	50	>VHL-S111I-r HIYRGHLWLF	36	14
>VHL-S111I-ν HSYRGHLWLI	47	>VHL-S111I-r HIYRGHLWLF	71	24
>VHL-S111I-ν HSYRGHLWLI	376	>VHL-S111I-r HIYRGHLWLF	467	91
>VHL-S111I-ν HSYRGHLWLI	178	>VHL-S111I-r HIYRGHLWLF	162	16
>VHL-S111I-ν HSYRGHLWL	93	>VHL-S111I-r HIYRGHLWL	249	156
>VHL-S111I-ν HSYRGHLWLI	27	>VHL-S111I-r HIYRGHLWLF	58	31
>VHL-S111I-ν HSYRGHLWLI	457	>VHL-S111I-r HIYRGHLWLF	3067	2610
>VHL-S111I-ν HSYRGHLWLI	8	>VHL-S111I-r HIYRGHLWLF	9	1
>VHL-S111I-ν HSYRGHLWLI	293	>VHL-S111I-r HIYRGHLWLF	237	56
>VHL-S111I-ν HSYRGHLWLI	27	>VHL-S111I-r HIYRGHLWLF	18	9
>VHL-S111I-ν HSYRGHLWLI	9	>VHL-S111I-r HIYRGHLWLF	12	3
>VHL-S111I-ν HSYRGHLWLI	2265	>VHL-S111I-r HIYRGHLWLF	341	1924
>VHL-S111I-ν HSYRGHLWLI	36	>VHL-S111I-r HIYRGHLWLF	213	177
>VHL-S111I-ν HSYRGHLW	4	>VHL-S111I-r HIYRGHLW	57	53
>VHL-S111I-ν HSYRGHLWL	5	>VHL-S111I-r HIYRGHLWL	265	260
>VHL-S111I-ν HSYRGHLW	34	>VHL-S111I-r HIYRGHLW	79	45
>VHL-S111I-ν HSYRGHLWLI	62	>VHL-S111I-r HIYRGHLWLF	953	891
>VHL-S111I-ν HSYRGHLW	10	>VHL-S111I-r HIYRGHLW	22	12
>VHL-S111I-ν HSYRGHLWLI	19	>VHL-S111I-r HIYRGHLWLF	138	119
>VHL-S111I-ν HSYRGHLWL	126	>VHL-S111I-r HIYRGHLWL	1607	1481
>VHL-S111I-ν HSYRGHLWLI	55	>VHL-S111I-r HIYRGHLWLF	708	653

>VHL-S111I-v HSYRGHLW	137	>VHL-S111I-r HIYRGHLW	810	673
>VHL-S111I-v HSYRGHLWLI	300	>VHL-S111I-r HIYRGHLWLF	3227	2927
>VHL-S111I-v HSYRGHLWLI	46	>VHL-S111I-r HIYRGHLWLF	23	23
>VHL-S111I-v HSYRGHLWL	153	>VHL-S111I-r HIYRGHLWL	7509	7356
>VHL-S111I-v LPPGTGRRIH	14408	>VHL-S111I-r LPPGTGRRIH	130	14278
>VHL-S111I-v LPPGTGRRIH	15095	>VHL-S111I-r LPPGTGRRIH	295	14800
>VHL-S111I-v IHSYRGHLWL	569	>VHL-S111I-r IHIYRGHLWL	77	492
>VHL-S111I-v IHSYRGHLWL	131	>VHL-S111I-r IHIYRGHLWL	80	51
>VHL-S111I-v IHSYRGHLWL	845	>VHL-S111I-r IHIYRGHLWL	324	521
>VHL-S111I-v IHSYRGHLWL	91	>VHL-S111I-r IHIYRGHLWL	53	38
>VHL-S111I-v IHSYRGHLWL	402	>VHL-S111I-r IHIYRGHLWL	1665	1263
>VHL-S111I-v RIHSYRGHL	336	>VHL-S111I-r RIHIYRGHL	458	122
>VHL-S111I-v RIHSYRGHLV	414	>VHL-S111I-r RIHIYRGHLW	638	224
>VHL-S111I-v RIHSYRGHL	23	>VHL-S111I-r RIHIYRGHL	28	5
>VHL-S111I-v RIHSYRGHLV	21	>VHL-S111I-r RIHIYRGHLW	24	3
>VHL-S111I-v RIHSYRGHLV	705	>VHL-S111I-r RIHIYRGHLW	339	366
>VHL-S111I-v RIHSYRGHLV	117	>VHL-S111I-r RIHIYRGHLW	127	10
>VHL-S111I-v RIHSYRGHLV	50	>VHL-S111I-r RIHIYRGHLW	62	12
>VHL-S111I-v RIHSYRGHLV	74	>VHL-S111I-r RIHIYRGHLW	109	35
>VHL-S111I-v RRIHSYRGH	107	>VHL-S111I-r RRIHIYRGH	649	542
>VHL-S111I-v RRIHSYRGHL	52	>VHL-S111I-r RRIHIYRGHL	186	134
>VHL-S111I-v RRIHSYRGHL'	119	>VHL-S111I-r RRIHIYRGHLV	315	196
>VHL-S111I-v RRIHSYRG	947	>VHL-S111I-r RRIHIYRG	407	540
>VHL-S111I-v RRIHSYRGH	112	>VHL-S111I-r RRIHIYRGH	59	53
>VHL-S111I-v RRIHSYRGHL	9	>VHL-S111I-r RRIHIYRGHL	9	0
>VHL-S111I-v RRIHSYRGHL'	134	>VHL-S111I-r RRIHIYRGHLV	74	60
>VHL-S111I-v RRIHSYRG	99	>VHL-S111I-r RRIHIYRG	45	54
>VHL-S111I-v RRIHSYRGH	195	>VHL-S111I-r RRIHIYRGH	98	97
>VHL-S111I-v RRIHSYRGHL	21	>VHL-S111I-r RRIHIYRGHL	24	3
>VHL-S111I-v RRIHSYRGHL'	96	>VHL-S111I-r RRIHIYRGHLV	67	29
>VHL-S111I-v RRIHSYRGH	201	>VHL-S111I-r RRIHIYRGH	64	137
>VHL-S111I-v RRIHSYRGHL	18	>VHL-S111I-r RRIHIYRGHL	17	1
>VHL-S111I-v RRIHSYRGHL'	336	>VHL-S111I-r RRIHIYRGHLV	144	192
>VHL-S111I-v RRIHSYRGHL'	124	>VHL-S111I-r RRIHIYRGHLV	108	16
>VHL-S111I-v GRRHSYRGH	730	>VHL-S111I-r GRRHIYRGH	322	408
>VHL-S111I-v GRRHSYRGH	212	>VHL-S111I-r GRRHIYRGHL	128	84
>VHL-S111I-v GRRHSYRGH	174	>VHL-S111I-r GRRHIYRGHL	89	85
>VHL-S111I-v GRRHSYRGH	13	>VHL-S111I-r GRRHIYRGHL	7	6
>VHL-S111I-v TGRRHSYR	148	>VHL-S111I-r TGRRHIYR	43	105
>VHL-S111I-v TGRRHSY	185	>VHL-S111I-r TGRRHIY	391	206
>VHL-S111I-v TGRRHSYR	14	>VHL-S111I-r TGRRHIYR	14	0
>VHL-S111I-v TGRRHSYR	104	>VHL-S111I-r TGRRHIYR	151	47
>VHL-S111I-v TGRRHSYR	516	>VHL-S111I-r TGRRHIYR	107	409



>VHL-S111I-v GTGRRHSYR	452	>VHL-S111I-r GTGRRHSYR	513	61
>VHL-S111I-v GTGRRHSYR	568	>VHL-S111I-r GTGRRHSYR	233	335
>VHL-S111I-v GTGRRHSY	415	>VHL-S111I-r GTGRRHSY	806	391
>VHL-S111I-v GTGRRHSY	316	>VHL-S111I-r GTGRRHSY	667	351
>VHL-S111I-v GTGRRHSY	74	>VHL-S111I-r GTGRRHSY	127	53
>VHL-S111I-v GTGRRHSYR	38	>VHL-S111I-r GTGRRHSYR	42	4
>VHL-S111I-v GTGRRHSYR	117	>VHL-S111I-r GTGRRHSYR	90	27
>VHL-S111I-v GTGRRHSYR	245	>VHL-S111I-r GTGRRHSYR	235	10
>VHL-S111I-v GTGRRHSY	439	>VHL-S111I-r GTGRRHSY	218	221
>VHL-S111I-v GTGRRHSY	491	>VHL-S111I-r GTGRRHSY	2984	2493
>VHL-S111I-v GTGRRHSY	91	>VHL-S111I-r GTGRRHSY	360	269
>VHL-S111I-v GTGRRHSY	131	>VHL-S111I-r GTGRRHSY	84	47
>VHL-S111I-v GTGRRHSYR	400	>VHL-S111I-r GTGRRHSYR	243	157
>VHL-S111I-v GTGRRHSYR	1236	>VHL-S111I-r GTGRRHSYR	367	869
>VHL-S111I-v GTGRRHS	33570	>VHL-S111I-r GTGRRHS	136	33434
>VHL-S111I-v PGTGRRHSY	524	>VHL-S111I-r PGTGRRHSY	182	342
>VHL-S111N-SYRGHLWLF	32	>VHL-S111N-NYRGHLWLF	20	12
>VHL-S111N-SYRGHLWLF	24	>VHL-S111N-NYRGHLWLF	35	11
>VHL-S111N-SYRGHLWL	17	>VHL-S111N-NYRGHLWL	30	13
>VHL-S111N-SYRGHLWLF	5	>VHL-S111N-NYRGHLWLF	7	2
>VHL-S111N-SYRGHLWLF	351	>VHL-S111N-NYRGHLWLF	1004	653
>VHL-S111N-SYRGHLWLF	96	>VHL-S111N-NYRGHLWLF	259	163
>VHL-S111N-SYRGHLWL	38	>VHL-S111N-NYRGHLWL	1313	1275
>VHL-S111N-SYRGHLWLF	11	>VHL-S111N-NYRGHLWLF	189	178
>VHL-S111N-SYRGHLWLF	7	>VHL-S111N-NYRGHLWLF	15	8
>VHL-S111N-SYRGHLWLF	88	>VHL-S111N-NYRGHLWLF	66	22
>VHL-S111N-SYRGHLWLF	265	>VHL-S111N-NYRGHLWLF	2202	1937
>VHL-S111N-SYRGHLWLF	396	>VHL-S111N-NYRGHLWLF	3845	3449
>VHL-S111N-SYRGHLWLF	23	>VHL-S111N-NYRGHLWLF	20	3
>VHL-S111N-SYRGHLWL	262	>VHL-S111N-NYRGHLWL	536	274
>VHL-S111N-SYRGHLWLF	430	>VHL-S111N-NYRGHLWLF	2252	1822
>VHL-S111N-SYRGHLWL	420	>VHL-S111N-NYRGHLWL	1365	945
>VHL-S111N-SYRGHLWLF	277	>VHL-S111N-NYRGHLWLF	1052	775
>VHL-S111N-HSYRGHLWLI	50	>VHL-S111N-HNYRGHLWL	2367	2317
>VHL-S111N-HSYRGHLWLI	47	>VHL-S111N-HNYRGHLWL	6036	5989
>VHL-S111N-HSYRGHLWLI	376	>VHL-S111N-HNYRGHLWL	2433	2057
>VHL-S111N-HSYRGHLWLI	178	>VHL-S111N-HNYRGHLWL	6278	6100
>VHL-S111N-HSYRGHLWL	93	>VHL-S111N-HNYRGHLWL	3554	3461
>VHL-S111N-HSYRGHLWLI	27	>VHL-S111N-HNYRGHLWL	843	816
>VHL-S111N-HSYRGHLWLI	457	>VHL-S111N-HNYRGHLWL	4605	4148
>VHL-S111N-HSYRGHLWLI	8	>VHL-S111N-HNYRGHLWL	46	38
>VHL-S111N-HSYRGHLWLI	293	>VHL-S111N-HNYRGHLWL	7068	6775
>VHL-S111N-HSYRGHLWLI	27	>VHL-S111N-HNYRGHLWL	366	339

>VHL-S111N- HSYRGHLWLI	9	>VHL-S111N- HNYRGHLWL	69	60
>VHL-S111N- HSYRGHLWLI	36	>VHL-S111N- HNYRGHLWL	230	194
>VHL-S111N- HSYRGHLW	4	>VHL-S111N- HNYRGHLW	801	797
>VHL-S111N- HSYRGHLWL	5	>VHL-S111N- HNYRGHLWL	6231	6226
>VHL-S111N- HSYRGHLW	34	>VHL-S111N- HNYRGHLW	242	208
>VHL-S111N- HSYRGHLWLI	62	>VHL-S111N- HNYRGHLWL	6106	6044
>VHL-S111N- HSYRGHLW	10	>VHL-S111N- HNYRGHLW	110	100
>VHL-S111N- HSYRGHLWL	339	>VHL-S111N- HNYRGHLWL	18344	18005
>VHL-S111N- HSYRGHLWLI	19	>VHL-S111N- HNYRGHLWL	1656	1637
>VHL-S111N- HSYRGHLWL	126	>VHL-S111N- HNYRGHLWL	1911	1785
>VHL-S111N- HSYRGHLWLI	55	>VHL-S111N- HNYRGHLWL	3605	3550
>VHL-S111N- HSYRGHLWL	790	>VHL-S111N- HNYRGHLWL	396	394
>VHL-S111N- HSYRGHLW	137	>VHL-S111N- HNYRGHLW	936	799
>VHL-S111N- HSYRGHLWLI	300	>VHL-S111N- HNYRGHLWL	2679	2379
>VHL-S111N- HSYRGHLWLI	46	>VHL-S111N- HNYRGHLWL	36	10
>VHL-S111N- HSYRGHLWL	153	>VHL-S111N- HNYRGHLWL	2713	2560
>VHL-S111N- IHSYRGHLWL	131	>VHL-S111N- IHNYRGHLWL	277	146
>VHL-S111N- IHSYRGHLWL	91	>VHL-S111N- IHNYRGHLWL	93	2
>VHL-S111N- IHSYRGHLW	25	>VHL-S111N- IHNYRGHLW	116	91
>VHL-S111N- IHSYRGHLWL	402	>VHL-S111N- IHNYRGHLWL	1640	1238
>VHL-S111N- RIHSYRGHL	336	>VHL-S111N- RIHNYRGHL	333	3
>VHL-S111N- RIHSYRGHLV	414	>VHL-S111N- RIHNYRGHLV	392	22
>VHL-S111N- RIHSYRGHL	23	>VHL-S111N- RIHNYRGHL	23	0
>VHL-S111N- RIHSYRGHLV	21	>VHL-S111N- RIHNYRGHLV	21	0
>VHL-S111N- RIHSYRGHLV	117	>VHL-S111N- RIHNYRGHLV	133	16
>VHL-S111N- RIHSYRGHLV	50	>VHL-S111N- RIHNYRGHLV	69	19
>VHL-S111N- RIHSYRGHLV	74	>VHL-S111N- RIHNYRGHLV	89	15
>VHL-S111N- RRIHSYRGH	107	>VHL-S111N- RRIHNYRGH	359	252
>VHL-S111N- RRIHSYRGHL	52	>VHL-S111N- RRIHNYRGHL	107	55
>VHL-S111N- RRIHSYRGHL'	119	>VHL-S111N- RRIHNYRGHL	230	111
>VHL-S111N- RRIHSYRGH	112	>VHL-S111N- RRIHNYRGH	84	28
>VHL-S111N- RRIHSYRGHL	9	>VHL-S111N- RRIHNYRGHL	9	0
>VHL-S111N- RRIHSYRGHL'	134	>VHL-S111N- RRIHNYRGHL	111	23
>VHL-S111N- RRIHSYRG	99	>VHL-S111N- RRIHNYRG	59	40
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>VHL-S111N- RRIHSYRGHL'	96	>VHL-S111N- RRIHNYRGHL	96	0
>VHL-S111N- RRIHSYRGH	201	>VHL-S111N- RRIHNYRGH	133	68
>VHL-S111N- RRIHSYRGHL	18	>VHL-S111N- RRIHNYRGHL	17	1
>VHL-S111N- RRIHSYRGHL'	336	>VHL-S111N- RRIHNYRGHL	242	94
>VHL-S111N- RRIHSYRGHL'	124	>VHL-S111N- RRIHNYRGHL	202	78
>VHL-S111N- GRIHSYRGH	212	>VHL-S111N- GRIHNYRGH	212	0
>VHL-S111N- GRIHSYRGH	174	>VHL-S111N- GRIHNYRGH	150	24
>VHL-S111N- GRIHSYRGH	13	>VHL-S111N- GRIHNYRGH	12	1

>VHL-S111N-TGRRHSYR	148	>VHL-S111N-TGRRHNYR	107	41
>VHL-S111N-TGRRHSY	185	>VHL-S111N-TGRRHNY	411	226
>VHL-S111N-TGRRHSYR	14	>VHL-S111N-TGRRHNYR	19	5
>VHL-S111N-TGRRHSYR	104	>VHL-S111N-TGRRHNYR	169	65
>VHL-S111N-TGRRHSYR	516	>VHL-S111N-TGRRHNYR	314	202
>VHL-S111N-GTGRRHSYR	452	>VHL-S111N-GTGRRHNYR	2518	2066
>VHL-S111N-GTGRRHSY	415	>VHL-S111N-GTGRRHNY	285	130
>VHL-S111N-GTGRRHSY	722	>VHL-S111N-GTGRRHNY	469	253
>VHL-S111N-GTGRRHSY	316	>VHL-S111N-GTGRRHNY	330	14
>VHL-S111N-GTGRRHSY	74	>VHL-S111N-GTGRRHNY	195	121
>VHL-S111N-GTGRRHSYR	38	>VHL-S111N-GTGRRHNYR	48	10
>VHL-S111N-GTGRRHSYR	117	>VHL-S111N-GTGRRHNYR	261	144
>VHL-S111N-GTGRRHSYR	245	>VHL-S111N-GTGRRHNYR	460	215
>VHL-S111N-GTGRRHSY	439	>VHL-S111N-GTGRRHNY	132	307
>VHL-S111N-GTGRRHSY	491	>VHL-S111N-GTGRRHNY	3567	3076
>VHL-S111N-GTGRRHSY	91	>VHL-S111N-GTGRRHNY	101	10
>VHL-S111N-GTGRRHSY	131	>VHL-S111N-GTGRRHNY	495	364
>VHL-S111N-GTGRRHSYR	400	>VHL-S111N-GTGRRHNYR	364	36
>VHL-S111N-PGTGRRHSY	524	>VHL-S111N-PGTGRRHNY	367	157
>VHL-S111R-SYRGHLWL	1678	>VHL-S111R-RYRGHLWL	447	1231
>VHL-S111R-SYRGHLWLF	32	>VHL-S111R-RYRGHLWLF	20	12
>VHL-S111R-SYRGHLWL	650	>VHL-S111R-RYRGHLWL	221	429
>VHL-S111R-SYRGHLWLF	24	>VHL-S111R-RYRGHLWLF	15	9
>VHL-S111R-SYRGHLWL	17	>VHL-S111R-RYRGHLWL	7	10
>VHL-S111R-SYRGHLWLF	5	>VHL-S111R-RYRGHLWLF	4	1
>VHL-S111R-SYRGHLWLF	351	>VHL-S111R-RYRGHLWLF	2330	1979
>VHL-S111R-SYRGHLWLF	96	>VHL-S111R-RYRGHLWLF	296	200
>VHL-S111R-SYRGHLWL	38	>VHL-S111R-RYRGHLWL	7	31
>VHL-S111R-SYRGHLWLF	840	>VHL-S111R-RYRGHLWLF	45	795
>VHL-S111R-SYRGHLWLF	11	>VHL-S111R-RYRGHLWLF	4	7
>VHL-S111R-SYRGHLWLF	1869	>VHL-S111R-RYRGHLWLF	296	1573
>VHL-S111R-SYRGHLWLF	7	>VHL-S111R-RYRGHLWLF	4	3
>VHL-S111R-SYRGHLWLF	88	>VHL-S111R-RYRGHLWLF	399	311
>VHL-S111R-SYRGHLWLF	265	>VHL-S111R-RYRGHLWLF	149	116
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>VHL-S111R-SYRGHLWLF	23	>VHL-S111R-RYRGHLWLF	15	8
>VHL-S111R-SYRGHLWL	262	>VHL-S111R-RYRGHLWL	566	304
>VHL-S111R-SYRGHLWLF	430	>VHL-S111R-RYRGHLWLF	1036	606
>VHL-S111R-SYRGHLWL	420	>VHL-S111R-RYRGHLWL	401	19
>VHL-S111R-SYRGHLWLF	277	>VHL-S111R-RYRGHLWLF	245	32
>VHL-S111R-HSYRGHLWLI	50	>VHL-S111R-HRYRGHLWL	11634	11584
>VHL-S111R-HSYRGHLWLI	47	>VHL-S111R-HRYRGHLWL	17315	17268
>VHL-S111R-HSYRGHLWLI	376	>VHL-S111R-HRYRGHLWL	2785	2409

>VHL-S111R- HSYRGHLWLI	178	>VHL-S111R- HRYRGHLWL	10326	10148
>VHL-S111R- HSYRGHLWL	93	>VHL-S111R- HRYRGHLWL	7308	7215
>VHL-S111R- HSYRGHLWLI	27	>VHL-S111R- HRYRGHLWL	2426	2399
>VHL-S111R- HSYRGHLWLI	457	>VHL-S111R- HRYRGHLWL	6505	6048
>VHL-S111R- HSYRGHLWLI	8	>VHL-S111R- HRYRGHLWL	947	939
>VHL-S111R- HSYRGHLWLI	293	>VHL-S111R- HRYRGHLWL	12329	12036
>VHL-S111R- HSYRGHLWLI	27	>VHL-S111R- HRYRGHLWL	537	510
>VHL-S111R- HSYRGHLWLI	9	>VHL-S111R- HRYRGHLWL	505	496
>VHL-S111R- HSYRGHLWL	1085	>VHL-S111R- HRYRGHLWL	451	634
>VHL-S111R- HSYRGHLWLI	36	>VHL-S111R- HRYRGHLWL	33	3
>VHL-S111R- HSYRGHLW	4	>VHL-S111R- HRYRGHLW	3422	3418
>VHL-S111R- HSYRGHLWL	5	>VHL-S111R- HRYRGHLWL	17029	17024
>VHL-S111R- HSYRGHLW	18455	>VHL-S111R- HRYRGHLW	184	18271
>VHL-S111R- HSYRGHLWL	14217	>VHL-S111R- HRYRGHLWL	72	14145
>VHL-S111R- HSYRGHLWLI	4747	>VHL-S111R- HRYRGHLWL	12	4735
>VHL-S111R- HSYRGHLWLI	9177	>VHL-S111R- HRYRGHLWL	29	9148
>VHL-S111R- HSYRGHLWL	3608	>VHL-S111R- HRYRGHLWL	124	3484
>VHL-S111R- HSYRGHLW	34	>VHL-S111R- HRYRGHLW	3118	3084
>VHL-S111R- HSYRGHLWLI	62	>VHL-S111R- HRYRGHLWL	17972	17910
>VHL-S111R- HSYRGHLW	10	>VHL-S111R- HRYRGHLW	4321	4311
>VHL-S111R- HSYRGHLWL	339	>VHL-S111R- HRYRGHLWL	21712	21373
>VHL-S111R- HSYRGHLWLI	19	>VHL-S111R- HRYRGHLWL	15603	15584
>VHL-S111R- HSYRGHLWL	17148	>VHL-S111R- HRYRGHLWL	392	16756
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>VHL-S111R- HSYRGHLWLI	55	>VHL-S111R- HRYRGHLWL	5919	5864
>VHL-S111R- HSYRGHLWLI	13736	>VHL-S111R- HRYRGHLWL	91	13645
>VHL-S111R- HSYRGHLWLI	13051	>VHL-S111R- HRYRGHLWL	191	12860
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>VHL-S111R- HSYRGHLWLI	15544	>VHL-S111R- HRYRGHLWL	117	15427
>VHL-S111R- HSYRGHLWLI	9971	>VHL-S111R- HRYRGHLWL	64	9907
>VHL-S111R- HSYRGHLW	137	>VHL-S111R- HRYRGHLW	23	114
>VHL-S111R- HSYRGHLWLI	300	>VHL-S111R- HRYRGHLWL	6556	6256
>VHL-S111R- HSYRGHLWLI	46	>VHL-S111R- HRYRGHLWL	37	9
>VHL-S111R- HSYRGHLWL	153	>VHL-S111R- HRYRGHLWL	9804	9651
>VHL-S111R- IHSYRGHLWL	569	>VHL-S111R- IHRYRGHLWI	334	235
>VHL-S111R- IHSYRGHLWL	131	>VHL-S111R- IHRYRGHLWI	279	148
>VHL-S111R- IHSYRGHLWL	91	>VHL-S111R- IHRYRGHLWI	33	58
>VHL-S111R- IHSYRGHLW	25	>VHL-S111R- IHRYRGHLW	109	84
>VHL-S111R- IHSYRGHLWL	402	>VHL-S111R- IHRYRGHLWI	1556	1154
>VHL-S111R- RIHSYRGHL	336	>VHL-S111R- RIHRYRGHL	272	64
>VHL-S111R- RIHSYRGHLV	414	>VHL-S111R- RIHRYRGHLV	417	3
>VHL-S111R- RIHSYRGH	1112	>VHL-S111R- RIHRYRGH	456	656
>VHL-S111R- RIHSYRGHL	23	>VHL-S111R- RIHRYRGHL	12	11

>VHL-S111R- RIHSYRGHLM	21	>VHL-S111R- RIHRYRGHLM	13	8
>VHL-S111R- RIHSYRGHL	877	>VHL-S111R- RIHRYRGHL	296	581
>VHL-S111R- RIHSYRGHLM	117	>VHL-S111R- RIHRYRGHLM	80	37
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>VHL-S111R- RIHSYRGHLM	74	>VHL-S111R- RIHRYRGHLM	201	127
>VHL-S111R- RRIHSYRGH	107	>VHL-S111R- RRIHRYRGH	677	570
>VHL-S111R- RRIHSYRGHL	52	>VHL-S111R- RRIHRYRGHL	155	103
>VHL-S111R- RRIHSYRGHL'	119	>VHL-S111R- RRIHRYRGHL	356	237
>VHL-S111R- RRIHSYRG	947	>VHL-S111R- RRIHRYRG	447	500
>VHL-S111R- RRIHSYRGH	112	>VHL-S111R- RRIHRYRGH	58	54
>VHL-S111R- RRIHSYRGHL	9	>VHL-S111R- RRIHRYRGHL	8	1
>VHL-S111R- RRIHSYRGHL'	134	>VHL-S111R- RRIHRYRGHL	76	58
>VHL-S111R- RRIHSYRG	99	>VHL-S111R- RRIHRYRG	42	57
>VHL-S111R- RRIHSYRGHL	21	>VHL-S111R- RRIHRYRGHL	16	5
>VHL-S111R- RRIHSYRGHL'	96	>VHL-S111R- RRIHRYRGHL	74	22
>VHL-S111R- RRIHSYRGH	201	>VHL-S111R- RRIHRYRGH	66	135
>VHL-S111R- RRIHSYRGHL	18	>VHL-S111R- RRIHRYRGHL	15	3
>VHL-S111R- RRIHSYRGHL'	336	>VHL-S111R- RRIHRYRGHL	138	198
>VHL-S111R- RRIHSYRGHL'	124	>VHL-S111R- RRIHRYRGHL	405	281
>VHL-S111R- GRIHSYRGH	212	>VHL-S111R- GRIHRYRGH	152	60
>VHL-S111R- GRIHSYRGH	174	>VHL-S111R- GRIHRYRGH	92	82
>VHL-S111R- GRIHSYRGH	13	>VHL-S111R- GRIHRYRGH	8	5
>VHL-S111R- TGRIHSYR	148	>VHL-S111R- TGRIHRYR	154	6
>VHL-S111R- TGRIHSY	185	>VHL-S111R- TGRIHRY	414	229
>VHL-S111R- TGRIHSYR	14	>VHL-S111R- TGRIHRYR	24	10
>VHL-S111R- TGRIHSYR	104	>VHL-S111R- TGRIHRYR	706	602
>VHL-S111R- GTGRIHSYR	452	>VHL-S111R- GTGRIHRYR	1373	921
>VHL-S111R- GTGRIHSY	415	>VHL-S111R- GTGRIHRY	322	93
>VHL-S111R- GTGRIHSY	316	>VHL-S111R- GTGRIHRY	245	71
>VHL-S111R- GTGRIHSY	74	>VHL-S111R- GTGRIHRY	121	47
>VHL-S111R- GTGRIHS	13350	>VHL-S111R- GTGRIHR	26	13324
>VHL-S111R- GTGRIHSYR	38	>VHL-S111R- GTGRIHRYR	38	0
>VHL-S111R- GTGRIHSYR	117	>VHL-S111R- GTGRIHRYR	399	282
>VHL-S111R- GTGRIHSYR	245	>VHL-S111R- GTGRIHRYR	1902	1657
>VHL-S111R- GTGRIHSY	439	>VHL-S111R- GTGRIHRY	235	204
>VHL-S111R- GTGRIHSY	491	>VHL-S111R- GTGRIHRY	3080	2589
>VHL-S111R- GTGRIHSY	91	>VHL-S111R- GTGRIHRY	57	34
>VHL-S111R- GTGRIHSY	131	>VHL-S111R- GTGRIHRY	106	25
>VHL-S111R- GTGRIHS	8100	>VHL-S111R- GTGRIHR	343	7757
>VHL-S111R- GTGRIHSYR	400	>VHL-S111R- GTGRIHRYR	309	91
>VHL-S33A-m EESGAEES	196	>VHL-S33A-n EEAGAEES	157	39
>VHL-S33A-m EEDGGEEES	1748	>VHL-S33A-n EEDGGEEA	62	1686

>VHL-S38F-w EESGPEES	259	>VHL-S38F-r EEFGPEES	401	142
>VHL-S38F-w AEESGPEE	701	>VHL-S38F-r AEEFGPEE	475	226
>VHL-S38F-w AEESGPEES	279	>VHL-S38F-r AEEFGPEES	230	49
>VHL-S38F-w AEESGPEESG	136	>VHL-S38F-r AEEFGPEESG	129	7
>VHL-S38F-w EESGAEES	9782	>VHL-S38F-r EESGAEEF	143	9639
>VHL-S38F-w EESGAEES	11136	>VHL-S38F-r EESGAEEF	213	10923
>VHL-S38F-w EESGAEES	4486	>VHL-S38F-r EESGAEEF	99	4387
>VHL-S38F-w EESGAEES	196	>VHL-S38F-r EESGAEEF	604	408
>VHL-S38F-w GEESGAEES	3030	>VHL-S38F-r GEESGAEEF	27	3003
>VHL-S38F-w GEESGAEES	7079	>VHL-S38F-r GEESGAEEF	343	6736
>VHL-S38F-w GEESGAEES	11367	>VHL-S38F-r GEESGAEEF	392	10975
>VHL-S38F-w GEESGAEES	4100	>VHL-S38F-r GEESGAEEF	278	3822
>VHL-S65L-w SVNSREPSQV	190	>VHL-S65L-r LVNSREPSQV	216	26
>VHL-S65L-w SVNSREPSQV	126	>VHL-S65L-r LVNSREPSQV	145	19
>VHL-S65L-w SVNSREPSQV	165	>VHL-S65L-r LVNSREPSQV	651	486
>VHL-S65L-w SVNSREPSQV	25	>VHL-S65L-r LVNSREPSQV	13	12
>VHL-S65L-w RSVNSREPSQ	12862	>VHL-S65L-r RLVNSREPSQ	99	12763
>VHL-S65L-w RSVNSREPSQ	3522	>VHL-S65L-r RLVNSREPSQ	11	3511
>VHL-S65L-w RSVNSREPSQ	4104	>VHL-S65L-r RLVNSREPSQ	279	3825
>VHL-S65L-w RSVNSREPSQ	5789	>VHL-S65L-r RLVNSREPSQ	6	5783
>VHL-S65L-w RSVNSREPSQ	17155	>VHL-S65L-r RLVNSREPSQ	47	17108
>VHL-S65L-w RSVNSREPSQ	15275	>VHL-S65L-r RLVNSREPSQ	22	15253
>VHL-S65L-w RSVNSREPSQ	21254	>VHL-S65L-r RLVNSREPSQ	124	21130
>VHL-S65L-w RSVNSREPSQ	35344	>VHL-S65L-r RLVNSREPSQ	428	34916
>VHL-S65L-w RSVNSREPSQ	12767	>VHL-S65L-r RLVNSREPSQ	4	12763
>VHL-S65L-w RSVNSREPSQ	225	>VHL-S65L-r RLVNSREPSQ	304	79
>VHL-S65L-w RSVNSREPSQ	22	>VHL-S65L-r RLVNSREPSQ	6222	6200
>VHL-S65L-w RSVNSREPSQ	136	>VHL-S65L-r RLVNSREPSQ	2614	2478
>VHL-S65L-w VLRSVNSR	83	>VHL-S65L-r VLRLVNSR	155	72
>VHL-S65L-w VLRSVNSR	206	>VHL-S65L-r VLRLVNSR	121	85
>VHL-S65L-w RPVLRSVNSR	239	>VHL-S65L-r RPVLRLVNSR	344	105
>VHL-S65L-w RPVLRSVNSR	315	>VHL-S65L-r RPVLRLVNSR	319	4
>VHL-S65L-w RPRPVLRS	366	>VHL-S65L-r RPRPVLRL	11	355
>VHL-S65L-w RPRPVLRSV	9	>VHL-S65L-r RPRPVLRLV	21	12
>VHL-S65L-w RPRPVLRSVN	138	>VHL-S65L-r RPRPVLRLVN	333	195
>VHL-S65L-w GRPRPVLRS	3120	>VHL-S65L-r GRPRPVLRL	22	3098
>VHL-S65L-w AGRPRPVLRS	65	>VHL-S65L-r AGRPRPVLRL	78	13
>VHL-S65L-w AGRPRPVLRS	12435	>VHL-S65L-r AGRPRPVLRL	143	12292
>VHL-S65P-w SVNSREPSQV	190	>VHL-S65P-r PVNSREPSQV	4544	4354
>VHL-S65P-w SVNSREPSQV	126	>VHL-S65P-r PVNSREPSQV	3184	3058
>VHL-S65P-w SVNSREPSQV	165	>VHL-S65P-r PVNSREPSQV	5160	4995
>VHL-S65P-w SVNSREPSQV	25	>VHL-S65P-r PVNSREPSQV	368	343
>VHL-S65P-w RSVNSREPS	23993	>VHL-S65P-r RPVNSREPS	451	23542

>VHL-S65P-v RSVNSREPSQ	17589	>VHL-S65P-r RPVNSREPSC	54	17535
>VHL-S65P-v RSVNSREPSQ	225	>VHL-S65P-r RPVNSREPSC	2107	1882
>VHL-S65P-v RSVNSREPSQ	22	>VHL-S65P-r RPVNSREPSC	18260	18238
>VHL-S65P-v RSVNSREPSQ	136	>VHL-S65P-r RPVNSREPSC	3326	3190
>VHL-S65P-v VLRSVNSR	83	>VHL-S65P-r VLRPVNSR	105	22
>VHL-S65P-v VLRSVNSR	206	>VHL-S65P-r VLRPVNSR	212	6
>VHL-S65P-v RPVLRVNSR	239	>VHL-S65P-r RPVLRVNSR	1416	1177
>VHL-S65P-v RPVLRVNSR	315	>VHL-S65P-r RPVLRVNSR	296	19
>VHL-S65P-v RPRPVLR	366	>VHL-S65P-r RPRPVLR	1525	1159
>VHL-S65P-v RPRPVLRV	9	>VHL-S65P-r RPRPVLRV	7	2
>VHL-S65P-v RPRPVLRV	138	>VHL-S65P-r RPRPVLRV	316	178
>VHL-S65P-v RPRPVLRV	2931	>VHL-S65P-r RPRPVLRV	365	2566
>VHL-S65P-v AGRPRVLR	65	>VHL-S65P-r AGRPRVLR	37	28
>VHL-S65W-i SVNSREPSQ	190	>VHL-S65W-i WVNSREPSQ	287	97
>VHL-S65W-i SVNSREPSQ	126	>VHL-S65W-i WVNSREPSQ	117	9
>VHL-S65W-i SVNSREPSQ	165	>VHL-S65W-i WVNSREPSQ	367	202
>VHL-S65W-i SVNSREPSQ	2119	>VHL-S65W-i WVNSREPSQ	230	1889
>VHL-S65W-i SVNSREPSQ	25	>VHL-S65W-i WVNSREPSQ	12	13
>VHL-S65W-i SVNSREPSQ	614	>VHL-S65W-i WVNSREPSQ	400	214
>VHL-S65W-i RSVNSREPSQ	225	>VHL-S65W-i RWVNSREPSQ	2814	2589
>VHL-S65W-i RSVNSREPSQ	22	>VHL-S65W-i RWVNSREPSQ	24012	23990
>VHL-S65W-i RSVNSREPSQ	136	>VHL-S65W-i RWVNSREPSQ	6600	6464
>VHL-S65W-i RSVNSREP	30779	>VHL-S65W-i RWVNSREP	259	30520
>VHL-S65W-i RSVNSREPSQ	28832	>VHL-S65W-i RWVNSREPSQ	108	28724
>VHL-S65W-i EAGRPRVLR	22788	>VHL-S65W-i EAGRPRVLR	134	22654
>VHL-S65W-i LRSVNSRE	5024	>VHL-S65W-i LRWVNSRE	314	4710
>VHL-S65W-i LRSVNSREP	5747	>VHL-S65W-i LRWVNSREP	352	5395
>VHL-S65W-i LRSVNSREPS	5612	>VHL-S65W-i LRWVNSREPSQ	405	5207
>VHL-S65W-i LRSVNSREPSQ	5516	>VHL-S65W-i LRWVNSREPSQ	359	5157
>VHL-S65W-i VLRSVNSR	83	>VHL-S65W-i VLRWVNSR	69	14
>VHL-S65W-i VLRSVNSR	206	>VHL-S65W-i VLRWVNSR	71	135
>VHL-S65W-i RPVLRVNSR	239	>VHL-S65W-i RPVLRWVNS	291	52
>VHL-S65W-i RPVLRVNSR	315	>VHL-S65W-i RPVLRWVNS	177	138
>VHL-S65W-i RPRPVLR	366	>VHL-S65W-i RPRPVLRW	27	339
>VHL-S65W-i RPRPVLRV	9	>VHL-S65W-i RPRPVLRWV	11	2
>VHL-S65W-i RPRPVLRV	138	>VHL-S65W-i RPRPVLRWV	176	38
>VHL-S65W-i RPRPVLR	18274	>VHL-S65W-i RPRPVLRW	58	18216
>VHL-S65W-i RPRPVLR	23429	>VHL-S65W-i RPRPVLRW	169	23260
>VHL-S65W-i RPRPVLR	28458	>VHL-S65W-i RPRPVLRW	107	28351
>VHL-S65W-i AGRPRVLR	65	>VHL-S65W-i AGRPRVLRV	210	145
>VHL-S65W-i AGRPRVLR	12435	>VHL-S65W-i AGRPRVLRV	9	12426
>VHL-S65W-i AGRPRVLR	24648	>VHL-S65W-i AGRPRVLRV	187	24461
>VHL-S68L-w SREPSQVIF	78	>VHL-S68L-r LREPSQVIF	49	29

>VHL-S68L-w SREPSQVIF	185	>VHL-S68L-r LREPSQVIF	370	185
>VHL-S68L-w NSREPSQV	4945	>VHL-S68L-r NLREPSQV	13	4932
>VHL-S68L-w NSREPSQVI	16073	>VHL-S68L-r NLREPSQVI	340	15733
>VHL-S68L-w NSREPSQV	8576	>VHL-S68L-r NLREPSQV	12	8564
>VHL-S68L-w NSREPSQVI	17988	>VHL-S68L-r NLREPSQVI	133	17855
>VHL-S68L-w NSREPSQVIF	23302	>VHL-S68L-r NLREPSQVIF	470	22832
>VHL-S68L-w NSREPSQV	19149	>VHL-S68L-r NLREPSQV	114	19035
>VHL-S68L-w NSREPSQVI	21004	>VHL-S68L-r NLREPSQVI	365	20639
>VHL-S68L-w NSREPSQV	18960	>VHL-S68L-r NLREPSQV	153	18807
>VHL-S68L-w NSREPSQV	21384	>VHL-S68L-r NLREPSQV	138	21246
>VHL-S68L-w NSREPSQV	14991	>VHL-S68L-r NLREPSQV	6	14985
>VHL-S68L-w NSREPSQVI	31780	>VHL-S68L-r NLREPSQVI	174	31606
>VHL-S68L-w NSREPSQVIF	527	>VHL-S68L-r NLREPSQVIF	204	323
>VHL-S68L-w NSREPSQVI	7411	>VHL-S68L-r NLREPSQVI	261	7150
>VHL-S68L-w NSREPSQVIF	984	>VHL-S68L-r NLREPSQVIF	39	945
>VHL-S68L-w NSREPSQVIF	13	>VHL-S68L-r NLREPSQVIF	2786	2773
>VHL-S68L-w NSREPSQVIF	127	>VHL-S68L-r NLREPSQVIF	2042	1915
>VHL-S68L-w NSREPSQVI	134	>VHL-S68L-r NLREPSQVI	7411	7277
>VHL-S68L-w RPRPVLRVSVN	138	>VHL-S68L-r RPRPVLRVSVN	9	129
>VHL-S68L-w VNSREPSQVI	101	>VHL-S68L-r VNLREPSQVI	43	58
>VHL-S68L-w SVNSREPSQV	190	>VHL-S68L-r SVNREPSQV	320	130
>VHL-S68L-w SVNSREPSQV	126	>VHL-S68L-r SVNREPSQV	495	369
>VHL-S68L-w SVNSREPSQV	165	>VHL-S68L-r SVNREPSQV	403	238
>VHL-S68L-w SVNSREPSQV	25	>VHL-S68L-r SVNREPSQV	63	38
>VHL-S68L-w RSVNSREPSQ	225	>VHL-S68L-r RSVNLREPSQ	744	519
>VHL-S68L-w RSVNSREPSQ	22	>VHL-S68L-r RSVNLREPSQ	69	47
>VHL-S68L-w RSVNSREPSQ	136	>VHL-S68L-r RSVNLREPSQ	91	45
>VHL-S68L-w VLRSVNSR	625	>VHL-S68L-r VLRSVNLR	264	361
>VHL-S68L-w VLRSVNSR	83	>VHL-S68L-r VLRSVNLR	49	34
>VHL-S68L-w VLRSVNSR	206	>VHL-S68L-r VLRSVNLR	183	23
>VHL-S68L-w RPVLRVSVNS	38865	>VHL-S68L-r RPVLRVSVNL	226	38639
>VHL-S68L-w RPVLRVSVNSR	239	>VHL-S68L-r RPVLRVSVNLR	165	74
>VHL-S68L-w RPVLRVSVNS	4429	>VHL-S68L-r RPVLRVSVNL	16	4413
>VHL-S68L-w RPVLRVSVNSR	315	>VHL-S68L-r RPVLRVSVNLR	162	153
>VHL-S68P-v SREPSQVIF	78	>VHL-S68P-r PREPSQVIF	450	372
>VHL-S68P-v SREPSQVIF	185	>VHL-S68P-r PREPSQVIF	1897	1712
>VHL-S68P-v NSREPSQV	16570	>VHL-S68P-r NPREPSQV	58	16512
>VHL-S68P-v NSREPSQVI	7610	>VHL-S68P-r NPREPSQVI	22	7588
>VHL-S68P-v NSREPSQVIF	26694	>VHL-S68P-r NPREPSQVIF	198	26496
>VHL-S68P-v NSREPSQVIF	984	>VHL-S68P-r NPREPSQVIF	398	586
>VHL-S68P-v NSREPSQVIF	13	>VHL-S68P-r NPREPSQVIF	14873	14860
>VHL-S68P-v NSREPSQVIF	31472	>VHL-S68P-r NPREPSQVIF	354	31118
>VHL-S68P-v NSREPSQVI	14249	>VHL-S68P-r NPREPSQVI	287	13962



>VHL-S68P-w NSREPSQVIF	127	>VHL-S68P-r NPREPSQVIF	13346	13219
>VHL-S68P-w NSREPSQVIF	10599	>VHL-S68P-r NPREPSQVIF	78	10521
>VHL-S68P-w NSREPSQVI	134	>VHL-S68P-r NPREPSQVI	4371	4237
>VHL-S68P-w RPRPVLRSVN	138	>VHL-S68P-r RPRPVLRSVN	519	381
>VHL-S68P-w VNSREPSQVI	101	>VHL-S68P-r VNPREPSQVI	586	485
>VHL-S68P-w SVNSREPSQV	190	>VHL-S68P-r SVNPREPSQV	321	131
>VHL-S68P-w SVNSREPSQV	126	>VHL-S68P-r SVNPREPSQV	106	20
>VHL-S68P-w SVNSREPSQV	165	>VHL-S68P-r SVNPREPSQV	128	37
>VHL-S68P-w SVNSREPSQV	25	>VHL-S68P-r SVNPREPSQV	14	11
>VHL-S68P-w SVNSREPSQV	590	>VHL-S68P-r SVNPREPSQV	280	310
>VHL-S68P-w RSVNSREPSC	225	>VHL-S68P-r RSVNPREPSC	408	183
>VHL-S68P-w RSVNSREPSC	22	>VHL-S68P-r RSVNPREPSC	45	23
>VHL-S68P-w RSVNSREPSC	136	>VHL-S68P-r RSVNPREPSC	92	44
>VHL-S68P-w VLRSVNSR	83	>VHL-S68P-r VLRSVNPR	31	52
>VHL-S68P-w VLRSVNSR	206	>VHL-S68P-r VLRSVNPR	160	46
>VHL-S68P-w RPVLRVNSR	239	>VHL-S68P-r RPVLRVNSR	135	104
>VHL-S68P-w RPVLRVNSR	315	>VHL-S68P-r RPVLRVNSR	70	245
>VHL-S68T-w SREPSQVIF	78	>VHL-S68T-r TREPSQVIF	165	87
>VHL-S68T-w SREPSQVI	707	>VHL-S68T-r TREPSQVI	319	388
>VHL-S68T-w SREPSQVIF	185	>VHL-S68T-r TREPSQVIF	555	370
>VHL-S68T-w NSREPSQVI	839	>VHL-S68T-r NTREPSQVI	362	477
>VHL-S68T-w NSREPSQV	2191	>VHL-S68T-r NTREPSQV	223	1968
>VHL-S68T-w NSREPSQV	904	>VHL-S68T-r NTREPSQV	67	837
>VHL-S68T-w NSREPSQVI	546	>VHL-S68T-r NTREPSQVI	316	230
>VHL-S68T-w NSREPSQVIF	13	>VHL-S68T-r NTREPSQVIF	9	4
>VHL-S68T-w NSREPSQVIF	127	>VHL-S68T-r NTREPSQVIF	55	72
>VHL-S68T-w NSREPSQVI	134	>VHL-S68T-r NTREPSQVI	103	31
>VHL-S68T-w RPRPVLRSVN	138	>VHL-S68T-r RPRPVLRSVN	25	113
>VHL-S68T-w VNSREPSQVI	101	>VHL-S68T-r VNTREPSQVI	218	117
>VHL-S68T-w SVNSREPSQV	190	>VHL-S68T-r SVNTREPSQV	265	75
>VHL-S68T-w SVNSREPSQV	126	>VHL-S68T-r SVNTREPSQV	265	139
>VHL-S68T-w SVNSREPSQV	165	>VHL-S68T-r SVNTREPSQV	289	124
>VHL-S68T-w SVNSREPSQV	25	>VHL-S68T-r SVNTREPSQV	36	11
>VHL-S68T-w RSVNSREPSC	225	>VHL-S68T-r RSVNTREPSC	306	81
>VHL-S68T-w RSVNSREPSC	22	>VHL-S68T-r RSVNTREPSC	42	20
>VHL-S68T-w RSVNSREPSC	136	>VHL-S68T-r RSVNTREPSC	100	36
>VHL-S68T-w VLRSVNSR	83	>VHL-S68T-r VLRSVNTR	52	31
>VHL-S68T-w VLRSVNSR	206	>VHL-S68T-r VLRSVNTR	226	20
>VHL-S68T-w RPVLRVNSR	239	>VHL-S68T-r RPVLRVNSR	197	42
>VHL-S68T-w RPVLRVNS	4429	>VHL-S68T-r RPVLRVNS	398	4031
>VHL-S68T-w RPVLRVNSR	315	>VHL-S68T-r RPVLRVNSR	232	83
>VHL-S80N-v SPRVVLPV	21	>VHL-S80N-r NPRVVLPV	30	9
>VHL-S80N-v SPRVVLPVW	189	>VHL-S80N-r NPRVVLPVW	412	223

>VHL-S80N-v SPRVVLPVWI	61	>VHL-S80N-n NPRVVLPVW	316	255
>VHL-S80N-v SPRVVLPVW	318	>VHL-S80N-n NPRVVLPVW	158	160
>VHL-S80N-v SPRVVLPV	251	>VHL-S80N-n NPRVVLPV	144	107
>VHL-S80N-v SPRVVLPVW	42	>VHL-S80N-n NPRVVLPVW	42	0
>VHL-S80N-v RSPRVVLPV	488	>VHL-S80N-n RNPRVVLPV	6915	6427
>VHL-S80N-v RSPRVVLPV	301	>VHL-S80N-n RNPRVVLPV	6460	6159
>VHL-S80N-v RSPRVVLPV	130	>VHL-S80N-n RNPRVVLPV	2737	2607
>VHL-S80N-v RSPRVVLPVW	247	>VHL-S80N-n RNPRVVLPVW	3332	3085
>VHL-S80N-v RSPRVVLPVW	147	>VHL-S80N-n RNPRVVLPVW	2502	2355
>VHL-S80N-v RSPRVVLPVW	55	>VHL-S80N-n RNPRVVLPVW	10529	10474
>VHL-S80N-v RSPRVVLPVW	301	>VHL-S80N-n RNPRVVLPVW	22929	22628
>VHL-S80N-v RSPRVVLPVW	48	>VHL-S80N-n RNPRVVLPVW	2311	2263
>VHL-S80N-v RSPRVVLPVW	12	>VHL-S80N-n RNPRVVLPVW	442	430
>VHL-S80N-v RSPRVVLPVW	39	>VHL-S80N-n RNPRVVLPVW	5946	5907
>VHL-S80N-v RSPRVVLPVW	4	>VHL-S80N-n RNPRVVLPVW	344	340
>VHL-S80N-v RSPRVVLPVW	697	>VHL-S80N-n RNPRVVLPVW	454	243
>VHL-S80N-v RSPRVVLPVW	493	>VHL-S80N-n RNPRVVLPVW	282	211
>VHL-S80N-v RSPRVVLPVW	345	>VHL-S80N-n RNPRVVLPVW	6365	6020
>VHL-S80N-v NRSRVL	22	>VHL-S80N-n NRNRVL	37	15
>VHL-S80N-v NRSRVL	265	>VHL-S80N-n NRNRVL	522	257
>VHL-S80N-v NRSRVL	733	>VHL-S80N-n NRNRVL	333	400
>VHL-S80N-v FCNRSRVL	252	>VHL-S80N-n FCNRSRVL	196	56
>VHL-S80N-v FCNRSRVL	994	>VHL-S80N-n FCNRSRVL	458	536
>VHL-S80N-v FCNRSRVL	107	>VHL-S80N-n FCNRSRVL	119	12
>VHL-S80N-v IFCNRSRVL	15	>VHL-S80N-n IFCNRSRVL	16	1
>VHL-S80N-v IFCNRSRVL	20	>VHL-S80N-n IFCNRSRVL	19	1
>VHL-S80N-v IFCNRSRVL	62	>VHL-S80N-n IFCNRSRVL	40	22
>VHL-S80N-v VIFCNRSRVL	72	>VHL-S80N-n VIFCNRSRVL	125	53
>VHL-S80N-v VIFCNRSRVL	7	>VHL-S80N-n VIFCNRSRVL	10	3
>VHL-S80N-v VIFCNRSRVL	15	>VHL-S80N-n VIFCNRSRVL	16	1
>VHL-S80N-v VIFCNRSRVL	86	>VHL-S80N-n VIFCNRSRVL	139	53
>VHL-S80N-v VIFCNRSRVL	191	>VHL-S80N-n VIFCNRSRVL	126	65
>VHL-S80N-v VIFCNRSRVL	70	>VHL-S80N-n VIFCNRSRVL	107	37
>VHL-S80N-v VIFCNRSRVL	400	>VHL-S80N-n VIFCNRSRVL	814	414
>VHL-S80N-v VIFCNRSRVL	7	>VHL-S80N-n VIFCNRSRVL	10	3
>VHL-S80N-v VIFCNRSRVL	59	>VHL-S80N-n VIFCNRSRVL	71	12
>VHL-S80N-v VIFCNRSRVL	427	>VHL-S80N-n VIFCNRSRVL	1589	1162
>VHL-S80N-v VIFCNRSRVL	113	>VHL-S80N-n VIFCNRSRVL	158	45
>VHL-S80N-v VIFCNRSRVL	23	>VHL-S80N-n VIFCNRSRVL	28	5
>VHL-S80N-v VIFCNRSRVL	93	>VHL-S80N-n VIFCNRSRVL	132	39
>VHL-S80N-v VIFCNRSRVL	24	>VHL-S80N-n VIFCNRSRVL	34	10
>VHL-S80N-v VIFCNRSRVL	548	>VHL-S80N-n VIFCNRSRVL	492	56
>VHL-S80N-v VIFCNRSRVL	360	>VHL-S80N-n VIFCNRSRVL	698	338

>VHL-S80N-v QVIFCNRSPR	214	>VHL-S80N-n QVIFCNRNPR	377	163
>VHL-S80N-v QVIFCNRSPR	305	>VHL-S80N-n QVIFCNRNPR	1335	1030
>VHL-S80N-v QVIFCNRSPR	381	>VHL-S80N-n QVIFCNRNPR	622	241
>VHL-S80N-v QVIFCNRSPR	11	>VHL-S80N-n QVIFCNRNPR	12	1
>VHL-S80N-v QVIFCNRSPR	114	>VHL-S80N-n QVIFCNRNPR	165	51
>VHL-S80N-v QVIFCNRSPR	6	>VHL-S80N-n QVIFCNRNPR	7	1
>VHL-S80N-v QVIFCNRSPR	36	>VHL-S80N-n QVIFCNRNPR	36	0
>VHL-S80N-v QVIFCNRSPR	178	>VHL-S80N-n QVIFCNRNPR	217	39
>VHL-S80N-v QVIFCNRSPR	175	>VHL-S80N-n QVIFCNRNPR	98	77
>VHL-S80N-v SQVIFCNRSPR	47	>VHL-S80N-n SQVIFCNRNP	54	7
>VHL-S80N-v SQVIFCNRSPR	436	>VHL-S80N-n SQVIFCNRNP	584	148
>VHL-S80N-v SQVIFCNRSPR	301	>VHL-S80N-n SQVIFCNRNP	520	219
>VHL-S80N-v SQVIFCNRSPR	150	>VHL-S80N-n SQVIFCNRNP	119	31
>VHL-S80R-m SPRVVLPV	21	>VHL-S80R-n RPRVVLPV	12	9
>VHL-S80R-m SPRVVLPVW	189	>VHL-S80R-n RPRVVLPVW	46	143
>VHL-S80R-m SPRVVLPVWI	61	>VHL-S80R-n RPRVVLPVWI	45	16
>VHL-S80R-m SPRVVLPVW	318	>VHL-S80R-n RPRVVLPVW	594	276
>VHL-S80R-m SPRVVLPV	251	>VHL-S80R-n RPRVVLPV	475	224
>VHL-S80R-m SPRVVLPVW	42	>VHL-S80R-n RPRVVLPVW	102	60
>VHL-S80R-m RSPRVVLPV	488	>VHL-S80R-n RRPRVVLPV	7873	7385
>VHL-S80R-m RSPRVVLPV	301	>VHL-S80R-n RRPRVVLPV	10306	10005
>VHL-S80R-m RSPRVVLPV	130	>VHL-S80R-n RRPRVVLPV	4913	4783
>VHL-S80R-m RSPRVVLPVW	247	>VHL-S80R-n RRPRVVLPVW	5999	5752
>VHL-S80R-m RSPRVVLPVW	147	>VHL-S80R-n RRPRVVLPVW	4875	4728
>VHL-S80R-m RSPRVVLPV	1354	>VHL-S80R-n RRPRVVLPV	468	886
>VHL-S80R-m RSPRVVLPVW	55	>VHL-S80R-n RRPRVVLPVW	14360	14305
>VHL-S80R-m RSPRVVLPVW	301	>VHL-S80R-n RRPRVVLPVW	26698	26397
>VHL-S80R-m RSPRVVLPV	9221	>VHL-S80R-n RRPRVVLPV	97	9124
>VHL-S80R-m RSPRVVLPVW	11611	>VHL-S80R-n RRPRVVLPVW	140	11471
>VHL-S80R-m RSPRVVLPVW	48	>VHL-S80R-n RRPRVVLPVW	10731	10683
>VHL-S80R-m RSPRVVLPVW	12	>VHL-S80R-n RRPRVVLPVW	6701	6689
>VHL-S80R-m RSPRVVLPVW	39	>VHL-S80R-n RRPRVVLPVW	20642	20603
>VHL-S80R-m RSPRVVLPVW	4	>VHL-S80R-n RRPRVVLPVW	3613	3609
>VHL-S80R-m RSPRVVLP	21424	>VHL-S80R-n RRPRVVLP	286	21138
>VHL-S80R-m RSPRVVLPV	2461	>VHL-S80R-n RRPRVVLPV	46	2415
>VHL-S80R-m RSPRVVLPVW	12982	>VHL-S80R-n RRPRVVLPVW	112	12870
>VHL-S80R-m RSPRVVLPVW	697	>VHL-S80R-n RRPRVVLPVW	22	675
>VHL-S80R-m RSPRVVLPV	4734	>VHL-S80R-n RRPRVVLPV	40	4694
>VHL-S80R-m RSPRVVLPVW	19941	>VHL-S80R-n RRPRVVLPVW	134	19807
>VHL-S80R-m RSPRVVLPVW	493	>VHL-S80R-n RRPRVVLPVW	7	486
>VHL-S80R-m RSPRVVLPVW	345	>VHL-S80R-n RRPRVVLPVW	15623	15278
>VHL-S80R-m EPSQVIFCNRSPR	20214	>VHL-S80R-n EPSQVIFCNRSPR	25	20189
>VHL-S80R-m NRSRPRVVL	993	>VHL-S80R-n NRRPRVVL	497	496

>VHL-S80R- $\mu$ NRSPRVVL	22	>VHL-S80R- $\eta$ NRRPRVVL	347	325
>VHL-S80R- $\mu$ NRSPRVVLPV	265	>VHL-S80R- $\eta$ NRRPRVVLPV	4409	4144
>VHL-S80R- $\mu$ NRSPRVVLPV	2134	>VHL-S80R- $\eta$ NRRPRVVLPV	271	1863
>VHL-S80R- $\mu$ NRSPRVVL	733	>VHL-S80R- $\eta$ NRRPRVVL	379	354
>VHL-S80R- $\mu$ NRSPRVVLPV	1062	>VHL-S80R- $\eta$ NRRPRVVLPV	241	821
>VHL-S80R- $\mu$ CNRSPRVVL	910	>VHL-S80R- $\eta$ CNRRPRVVLF	342	568
>VHL-S80R- $\mu$ FCNRSRPV	252	>VHL-S80R- $\eta$ FCNRRRPV	790	538
>VHL-S80R- $\mu$ FCNRSRPV	107	>VHL-S80R- $\eta$ FCNRRRPV	146	39
>VHL-S80R- $\mu$ IFCNRSRPR	15	>VHL-S80R- $\eta$ IFCNRRRPR	14	1
>VHL-S80R- $\mu$ IFCNRSRPR	20	>VHL-S80R- $\eta$ IFCNRRRPR	22	2
>VHL-S80R- $\mu$ IFCNRSRPR	62	>VHL-S80R- $\eta$ IFCNRRRPR	54	8
>VHL-S80R- $\mu$ VIFCNRSRPV'	72	>VHL-S80R- $\eta$ VIFCNRRRPV'	155	83
>VHL-S80R- $\mu$ VIFCNRSRPV	7	>VHL-S80R- $\eta$ VIFCNRRRPV	19	12
>VHL-S80R- $\mu$ VIFCNRSRPV'	15	>VHL-S80R- $\eta$ VIFCNRRRPV'	22	7
>VHL-S80R- $\mu$ VIFCNRSRPV	86	>VHL-S80R- $\eta$ VIFCNRRRPV	685	599
>VHL-S80R- $\mu$ VIFCNRSRPV'	191	>VHL-S80R- $\eta$ VIFCNRRRPV'	463	272
>VHL-S80R- $\mu$ VIFCNRSRPV	70	>VHL-S80R- $\eta$ VIFCNRRRPV	335	265
>VHL-S80R- $\mu$ VIFCNRSRPV	400	>VHL-S80R- $\eta$ VIFCNRRRPV	3708	3308
>VHL-S80R- $\mu$ VIFCNRSRPV	7	>VHL-S80R- $\eta$ VIFCNRRRPV	16	9
>VHL-S80R- $\mu$ VIFCNRSRPV'	59	>VHL-S80R- $\eta$ VIFCNRRRPV'	131	72
>VHL-S80R- $\mu$ VIFCNRSRPR	427	>VHL-S80R- $\eta$ VIFCNRRRPR	1842	1415
>VHL-S80R- $\mu$ VIFCNRSRPR	113	>VHL-S80R- $\eta$ VIFCNRRRPR	601	488
>VHL-S80R- $\mu$ VIFCNRSRPR	23	>VHL-S80R- $\eta$ VIFCNRRRPR	41	18
>VHL-S80R- $\mu$ VIFCNRSRPR	93	>VHL-S80R- $\eta$ VIFCNRRRPR	265	172
>VHL-S80R- $\mu$ VIFCNRSRPR	24	>VHL-S80R- $\eta$ VIFCNRRRPR	141	117
>VHL-S80R- $\mu$ VIFCNRSRPV'	360	>VHL-S80R- $\eta$ VIFCNRRRPV'	1118	758
>VHL-S80R- $\mu$ QVIFCNRSRPR	214	>VHL-S80R- $\eta$ QVIFCNRRRPR	806	592
>VHL-S80R- $\mu$ QVIFCNRSRPR	305	>VHL-S80R- $\eta$ QVIFCNRRRPR	706	401
>VHL-S80R- $\mu$ QVIFCNRSRPR	381	>VHL-S80R- $\eta$ QVIFCNRRRPR	1176	795
>VHL-S80R- $\mu$ QVIFCNRS	20028	>VHL-S80R- $\eta$ QVIFCNRR	339	19689
>VHL-S80R- $\mu$ QVIFCNRSRPR	11	>VHL-S80R- $\eta$ QVIFCNRRRPR	9	2
>VHL-S80R- $\mu$ QVIFCNRS	32854	>VHL-S80R- $\eta$ QVIFCNRR	443	32411
>VHL-S80R- $\mu$ QVIFCNRSRPR	114	>VHL-S80R- $\eta$ QVIFCNRRRPR	194	80
>VHL-S80R- $\mu$ QVIFCNRS	11241	>VHL-S80R- $\eta$ QVIFCNRR	15	11226
>VHL-S80R- $\mu$ QVIFCNRSRPR	6	>VHL-S80R- $\eta$ QVIFCNRRRPR	15	9
>VHL-S80R- $\mu$ QVIFCNRSRPR	36	>VHL-S80R- $\eta$ QVIFCNRRRPR	34	2
>VHL-S80R- $\mu$ QVIFCNRSRPR	178	>VHL-S80R- $\eta$ QVIFCNRRRPR	463	285
>VHL-S80R- $\mu$ QVIFCNRS	30837	>VHL-S80R- $\eta$ QVIFCNRR	256	30581
>VHL-S80R- $\mu$ QVIFCNRSRPR	175	>VHL-S80R- $\eta$ QVIFCNRRRPR	161	14
>VHL-S80R- $\mu$ SQVIFCNRS	20218	>VHL-S80R- $\eta$ SQVIFCNRR	178	20040
>VHL-S80R- $\mu$ SQVIFCNRSPI	47	>VHL-S80R- $\eta$ SQVIFCNRRP	72	25
>VHL-S80R- $\mu$ SQVIFCNRS	36907	>VHL-S80R- $\eta$ SQVIFCNRR	475	36432
>VHL-S80R- $\mu$ SQVIFCNRSPI	436	>VHL-S80R- $\eta$ SQVIFCNRRP	1381	945

>VHL-S80R-m SQVIFCNRSPI	301	>VHL-S80R-nr SQVIFCNRRP	709	408
>VHL-S80R-m SQVIFCNRSPI	150	>VHL-S80R-nr SQVIFCNRRP	151	1
>VHL-T100A- TLPPGTGRR	214	>VHL-T100A- ALPPGTGRR	45	169
>VHL-T100A- TLPPGTGRR	1636	>VHL-T100A- ALPPGTGRR	441	1195
>VHL-T100A- TLPPGTGRR	83	>VHL-T100A- ALPPGTGRR	16	67
>VHL-T100A- PTLPPGTGRR	139	>VHL-T100A- PALPPGTGRF	577	438
>VHL-T100A- YPTLPPGTGR	474	>VHL-T100A- YPALPPGTGR	183	291
>VHL-T100A- YPTLPPGT	313	>VHL-T100A- YPALPPGT	240	73
>VHL-T100A- YPTLPPGTG	410	>VHL-T100A- YPALPPGTG	328	82
>VHL-T100A- PYPTLPPGTG	66	>VHL-T100A- PYPALPPGTG	67	1
>VHL-T100A- QPYPTLPPG	497	>VHL-T100A- QYPALPPG	198	299
>VHL-T100A- QPYPTLPPG	159	>VHL-T100A- QYPALPPG	158	1
>VHL-T100A- EPQPYPTL	420	>VHL-T100A- EPQPYPAL	156	264
>VHL-T100A- EPQPYPTL	537	>VHL-T100A- EPQPYPAL	164	373
>VHL-T100A- GEPQPYPTL	197	>VHL-T100A- GEPQPYPAL	98	99
>VHL-T100A- GEPQPYPTL	460	>VHL-T100A- GEPQPYPAL	169	291
>VHL-T105M TGRRHSY	1160	>VHL-T105M MGRRHSY	82	1078
>VHL-T105M TGRRHSYR	148	>VHL-T105M MGRRHSYR	16	132
>VHL-T105M TGRRHSYRG	2695	>VHL-T105M MGRRHSYRC	275	2420
>VHL-T105M TGRRHSY	185	>VHL-T105M MGRRHSY	91	94
>VHL-T105M TGRRHSYR	14	>VHL-T105M MGRRHSYR	9	5
>VHL-T105M TGRRHSYR	104	>VHL-T105M MGRRHSYR	37	67
>VHL-T105M TGRRHSY	819	>VHL-T105M MGRRHSY	198	621
>VHL-T105M TGRRHSY	2973	>VHL-T105M MGRRHSY	296	2677
>VHL-T105M TGRRHSY	1951	>VHL-T105M MGRRHSY	259	1692
>VHL-T105M TGRRHSY	4760	>VHL-T105M MGRRHSY	462	4298
>VHL-T105M TGRRHSYR	516	>VHL-T105M MGRRHSYR	233	283
>VHL-T105M GTGRRHSY	24954	>VHL-T105M GMGRRHSY	482	24472
>VHL-T105M GTGRRHSY	2715	>VHL-T105M GMGRRHSY	495	2220
>VHL-T105M GTGRRHSYR	452	>VHL-T105M GMGRRHSYR	181	271
>VHL-T105M GTGRRHSY	415	>VHL-T105M GMGRRHSY	8151	7736
>VHL-T105M GTGRRHSY	316	>VHL-T105M GMGRRHSY	75	241
>VHL-T105M GTGRRHSY	74	>VHL-T105M GMGRRHSY	34	40
>VHL-T105M GTGRRHSYR	38	>VHL-T105M GMGRRHSYR	26	12
>VHL-T105M GTGRRHSYR	117	>VHL-T105M GMGRRHSYR	62	55
>VHL-T105M GTGRRHSYR	245	>VHL-T105M GMGRRHSYR	1500	1255
>VHL-T105M GTGRRHSY	439	>VHL-T105M GMGRRHSY	319	120
>VHL-T105M GTGRRHSY	491	>VHL-T105M GMGRRHSY	66	425
>VHL-T105M GTGRRHSY	8678	>VHL-T105M GMGRRHSY	447	8231
>VHL-T105M GTGRRHSY	91	>VHL-T105M GMGRRHSY	9634	9543
>VHL-T105M GTGRRHSY	131	>VHL-T105M GMGRRHSY	9196	9065
>VHL-T105M GTGRRHSYR	2640	>VHL-T105M GMGRRHSYR	161	2479
>VHL-T105M GTGRRHSYR	400	>VHL-T105M GMGRRHSYR	5179	4779

>VHL-T105M GTGRRHSYR	1236	>VHL-T105M GMGRRHSYR	182	1054
>VHL-T105M PGTGRRHSY	2207	>VHL-T105M PGMGRRHSY	335	1872
>VHL-T105M PGTGRRHSY	1667	>VHL-T105M PGMGRRHSY	494	1173
>VHL-T105M PGTGRRHSY	524	>VHL-T105M PGMGRRHSY	218	306
>VHL-T105M LPPGTGRRR	158	>VHL-T105M LPPGMGRRR	154	4
>VHL-T105M LPPGTGRRR	1043	>VHL-T105M LPPGMGRRR	441	602
>VHL-T105M TLPPGTGRRR	214	>VHL-T105M TLPPGMGRRR	344	130
>VHL-T105M TLPPGTGRRR	83	>VHL-T105M TLPPGMGRRR	97	14
>VHL-T105M PTLPPGTGRR	139	>VHL-T105M PTLPPGMGRR	221	82
>VHL-T105M YPTLPPGTGR	474	>VHL-T105M YPTLPPGMGI	272	202
>VHL-T105M YPTLPPGT	6622	>VHL-T105M YPTLPPGM	130	6492
>VHL-T105M YPTLPPGT	1028	>VHL-T105M YPTLPPGM	27	1001
>VHL-T105M YPTLPPGT	313	>VHL-T105M YPTLPPGM	5209	4896
>VHL-T105M YPTLPPGTG	410	>VHL-T105M YPTLPPGMG	582	172
>VHL-T105M YPTLPPGTGR	723	>VHL-T105M YPTLPPGMGI	386	337
>VHL-T105M PYPTLPPGTG	66	>VHL-T105M PYPTLPPGMC	45	21
>VHL-T105M QPYPTLPPGT	1703	>VHL-T105M QPYPTLPPGM	270	1433
>VHL-T105P- TGRRHSYR	148	>VHL-T105P- PGRRIHSYR	659	511
>VHL-T105P- TGRRHSY	185	>VHL-T105P- PGRRIHSY	636	451
>VHL-T105P- TGRRHSYR	14	>VHL-T105P- PGRRIHSYR	172	158
>VHL-T105P- TGRRHSYR	104	>VHL-T105P- PGRRIHSYR	9585	9481
>VHL-T105P- GTGRRHSYR	452	>VHL-T105P- GPGRRHSYR	13589	13137
>VHL-T105P- GTGRRHSY	415	>VHL-T105P- GPGRRHSY	12920	12505
>VHL-T105P- GTGRRHSY	316	>VHL-T105P- GPGRRHSY	5955	5639
>VHL-T105P- GTGRRHSY	74	>VHL-T105P- GPGRRHSY	1372	1298
>VHL-T105P- GTGRRHSYR	38	>VHL-T105P- GPGRRHSYR	633	595
>VHL-T105P- GTGRRHSYR	117	>VHL-T105P- GPGRRHSYR	1814	1697
>VHL-T105P- GTGRRHSYR	245	>VHL-T105P- GPGRRHSYR	10715	10470
>VHL-T105P- GTGRRHSY	439	>VHL-T105P- GPGRRHSY	7910	7471
>VHL-T105P- GTGRRHSY	491	>VHL-T105P- GPGRRHSY	10064	9573
>VHL-T105P- GTGRRHSY	91	>VHL-T105P- GPGRRHSY	20810	20719
>VHL-T105P- GTGRRHSY	131	>VHL-T105P- GPGRRHSY	7385	7254
>VHL-T105P- GTGRRHSYR	400	>VHL-T105P- GPGRRHSYR	8365	7965
>VHL-T105P- PGTGRRHSY	12906	>VHL-T105P- PGPGRRIHSY	97	12809
>VHL-T105P- PGTGRRHSY	524	>VHL-T105P- PGPGRRIHSY	368	156
>VHL-T105P- LPPGTGRRR	158	>VHL-T105P- LPPGPGRRR	99	59
>VHL-T105P- TLPPGTGRRR	214	>VHL-T105P- TLPPGPGRRR	131	83
>VHL-T105P- TLPPGTGRRR	83	>VHL-T105P- TLPPGPGRRR	158	75
>VHL-T105P- PTLPPGTGRR	139	>VHL-T105P- PTLPPGPGRR	124	15
>VHL-T105P- YPTLPPGTGR	474	>VHL-T105P- YPTLPPGPGR	1294	820
>VHL-T105P- YPTLPPGT	313	>VHL-T105P- YPTLPPGP	896	583
>VHL-T105P- YPTLPPGTG	410	>VHL-T105P- YPTLPPGPG	87	323
>VHL-T105P- PYPTLPPGTG	66	>VHL-T105P- PYPTLPPGPG	68	2

>VHL-T105P- QPYPTLPPGT	1050	>VHL-T105P- QPYPTLPPGP	449	601
>VHL-T133S- TELFVPSL	46	>VHL-T133S- SELFVPSL	27	19
>VHL-T133S- TELFVPSL	98	>VHL-T133S- SELFVPSL	211	113
>VHL-T133S- TELFVPSL	471	>VHL-T133S- SELFVPSL	983	512
>VHL-T133S- TELFVPSL	54	>VHL-T133S- SELFVPSL	53	1
>VHL-T133S- TELFVPSL	49	>VHL-T133S- SELFVPSL	50	1
>VHL-T133S- TELFVPSLNV	352	>VHL-T133S- SELFVPSLNV	301	51
>VHL-T133S- TELFVPSL	491	>VHL-T133S- SELFVPSL	227	264
>VHL-T133S- TELFVPSLNV	1852	>VHL-T133S- SELFVPSLNV	239	1613
>VHL-T133S- TELFVPSL	724	>VHL-T133S- SELFVPSL	262	462
>VHL-T133S- TELFVPSLNV	129	>VHL-T133S- SELFVPSLNV	146	17
>VHL-T133S- QTELFVPSL	386	>VHL-T133S- QSELFVPSL	4924	4538
>VHL-T133S- QTELFVPSLN'	74	>VHL-T133S- QSELFVPSLN'	1325	1251
>VHL-T133S- QTELFVPSL	59	>VHL-T133S- QSELFVPSL	104	45
>VHL-T133S- QTELFVPSL	80	>VHL-T133S- QSELFVPSL	232	152
>VHL-T133S- NQTELFVPSL	527	>VHL-T133S- NQSELFVPSL	158	369
>VHL-T133S- NQTELFVPS	68	>VHL-T133S- NQSELFVPS	71	3
>VHL-T133S- NQTELFVPSL	231	>VHL-T133S- NQSELFVPSL	153	78
>VHL-T133S- NQTELFVPSL	3014	>VHL-T133S- NQSELFVPSL	377	2637
>VHL-T133S- NQTELFVPSL	316	>VHL-T133S- NQSELFVPSL	125	191
>VHL-T133S- NQTELFVPSL	42	>VHL-T133S- NQSELFVPSL	17	25
>VHL-T133S- NQTELFVPSL	513	>VHL-T133S- NQSELFVPSL	376	137
>VHL-T133S- LVNQTELFV	493	>VHL-T133S- LVNQSELFV	372	121
>VHL-T133S- LVNQTELFV	423	>VHL-T133S- LVNQSELFV	330	93
>VHL-T133S- LVNQTELFV	137	>VHL-T133S- LVNQSELFV	136	1
>VHL-T133S- LVNQTELFV	66	>VHL-T133S- LVNQSELFV	129	63
>VHL-T133S- LVNQTELFV	56	>VHL-T133S- LVNQSELFV	87	31
>VHL-T133S- LVNQTELFV	17	>VHL-T133S- LVNQSELFV	17	0
>VHL-T133S- LVNQTELF	220	>VHL-T133S- LVNQSELF	141	79
>VHL-T133S- LVNQTELF	870	>VHL-T133S- LVNQSELF	275	595
>VHL-T133S- LVNQTELF	74	>VHL-T133S- LVNQSELF	99	25
>VHL-T133S- LLVNQTEL	146	>VHL-T133S- LLVNQSEL	286	140
>VHL-T133S- LLVNQTELFV	17	>VHL-T133S- LLVNQSELFV	21	4
>VHL-T133S- LLVNQTEL	11	>VHL-T133S- LLVNQSEL	17	6
>VHL-T133S- LLVNQTELF	408	>VHL-T133S- LLVNQSELF	680	272
>VHL-T133S- LLVNQTELFV	15	>VHL-T133S- LLVNQSELFV	16	1
>VHL-T133S- LLVNQTEL	32	>VHL-T133S- LLVNQSEL	42	10
>VHL-T133S- LLVNQTELFV	28	>VHL-T133S- LLVNQSELFV	28	0
>VHL-T133S- LLVNQTEL	155	>VHL-T133S- LLVNQSEL	300	145
>VHL-T133S- LLVNQTELFV	61	>VHL-T133S- LLVNQSELFV	90	29
>VHL-T133S- LLVNQTEL	20	>VHL-T133S- LLVNQSEL	17	3
>VHL-T133S- LLVNQTELFV	3	>VHL-T133S- LLVNQSELFV	4	1
>VHL-T133S- LLVNQTEL	29	>VHL-T133S- LLVNQSEL	19	10

>VHL-T133S- LLVNQTELFV	6	>VHL-T133S- LLVNQSELFV	6	0
>VHL-T133S- LLVNQTEL	65	>VHL-T133S- LLVNQSEL	76	11
>VHL-T133S- LLVNQTELFV	7	>VHL-T133S- LLVNQSELFV	7	0
>VHL-T133S- LLVNQTEL	279	>VHL-T133S- LLVNQSEL	299	20
>VHL-T133S- LLVNQTELFV	9	>VHL-T133S- LLVNQSELFV	12	3
>VHL-T133S- LLVNQTEL	3	>VHL-T133S- LLVNQSEL	4	1
>VHL-T133S- LLVNQTELFV	2	>VHL-T133S- LLVNQSELFV	2	0
>VHL-T133S- LLVNQTELF	85	>VHL-T133S- LLVNQSELF	57	28
>VHL-T133S- LLVNQTELF	77	>VHL-T133S- LLVNQSELF	59	18
>VHL-T133S- LLVNQTELF	1152	>VHL-T133S- LLVNQSELF	496	656
>VHL-T133S- GLLVNQTEL	76	>VHL-T133S- GLLVNQSEL	378	302
>VHL-T133S- GLLVNQTEL	171	>VHL-T133S- GLLVNQSEL	410	239
>VHL-T133S- GLLVNQTELF	31	>VHL-T133S- GLLVNQSELF	36	5
>VHL-T133S- GLLVNQTEL	66	>VHL-T133S- GLLVNQSEL	135	69
>VHL-T133S- GLLVNQTELF	83	>VHL-T133S- GLLVNQSELF	82	1
>VHL-T133S- GLLVNQTELF	237	>VHL-T133S- GLLVNQSELF	207	30
>VHL-T133S- GLLVNQTELF	81	>VHL-T133S- GLLVNQSELF	90	9
>VHL-T133S- GLLVNQTEL	27	>VHL-T133S- GLLVNQSEL	20	7
>VHL-T133S- GLLVNQTELF	3	>VHL-T133S- GLLVNQSELF	4	1
>VHL-T133S- GLLVNQTEL	17	>VHL-T133S- GLLVNQSEL	11	6
>VHL-T133S- GLLVNQTELF	4	>VHL-T133S- GLLVNQSELF	4	0
>VHL-T133S- GLLVNQTEL	17	>VHL-T133S- GLLVNQSEL	18	1
>VHL-T133S- GLLVNQTELF	4	>VHL-T133S- GLLVNQSELF	5	1
>VHL-T133S- GLLVNQTEL	74	>VHL-T133S- GLLVNQSEL	44	30
>VHL-T133S- GLLVNQTELF	5	>VHL-T133S- GLLVNQSELF	6	1
>VHL-T133S- GLLVNQTEL	8	>VHL-T133S- GLLVNQSEL	8	0
>VHL-T133S- GLLVNQTELF	4	>VHL-T133S- GLLVNQSELF	4	0
>VHL-T133S- GLLVNQTELF	484	>VHL-T133S- GLLVNQSELF	392	92
>VHL-T133S- HDGLLVNQTI	237	>VHL-T133S- HDGLLVNQSI	258	21
>VHL-T157I- <del>v</del> TLKERCLQV	403	>VHL-T157I-r ILKERCLQV	156	247
>VHL-T157I- <del>v</del> TLKERCLQVV	559	>VHL-T157I-r ILKERCLQVV	313	246
>VHL-T157I- <del>v</del> TLKERCLQV	328	>VHL-T157I-r ILKERCLQV	120	208
>VHL-T157I- <del>v</del> TLKERCLQVV	514	>VHL-T157I-r ILKERCLQVV	326	188
>VHL-T157I- <del>v</del> TLKERCLQV	7	>VHL-T157I-r ILKERCLQV	6	1
>VHL-T157I- <del>v</del> TLKERCLQVV	50	>VHL-T157I-r ILKERCLQVV	47	3
>VHL-T157I- <del>v</del> TLKERCLQV	909	>VHL-T157I-r ILKERCLQV	276	633
>VHL-T157I- <del>v</del> TLKERCLQV	186	>VHL-T157I-r ILKERCLQV	31	155
>VHL-T157I- <del>v</del> TLKERCLQVV	141	>VHL-T157I-r ILKERCLQVV	29	112
>VHL-T157I- <del>v</del> TLKERCLQVV	109	>VHL-T157I-r ILKERCLQVV	59	50
>VHL-T157I- <del>v</del> TLKERCLQV	308	>VHL-T157I-r ILKERCLQV	120	188
>VHL-T157I- <del>v</del> TLKERCLQVV	369	>VHL-T157I-r ILKERCLQVV	170	199
>VHL-T157I- <del>v</del> TLKERCLQV	1402	>VHL-T157I-r ILKERCLQV	215	1187
>VHL-T157I- <del>v</del> TLKERCLQVV	1003	>VHL-T157I-r ILKERCLQVV	176	827



>VHL-T157I-\ TLKERCLQ	850	>VHL-T157I-r ILKERCLQ	224	626
>VHL-T157I-\ TLKERCLQV	3	>VHL-T157I-r ILKERCLQV	2	1
>VHL-T157I-\ TLKERCLQVV	4	>VHL-T157I-r ILKERCLQVV	3	1
>VHL-T157I-\ TLKERCLQVV	58	>VHL-T157I-r ILKERCLQVVF	46	12
>VHL-T157I-\ TLKERCLQVV	96	>VHL-T157I-r ILKERCLQVVF	96	0
>VHL-T157I-\ TLKERCLQVV	211	>VHL-T157I-r ILKERCLQVVF	824	613
>VHL-T157I-\ TLKERCLQV	84	>VHL-T157I-r ILKERCLQV	89	5
>VHL-T157I-\ TLKERCLQVV	436	>VHL-T157I-r ILKERCLQVVF	283	153
>VHL-T157I-\ YTLKERCLQV	93	>VHL-T157I-r YILKERCLQV	39	54
>VHL-T157I-\ YTLKERCLQV'	308	>VHL-T157I-r YILKERCLQV\	85	223
>VHL-T157I-\ YTLKERCLQV'	1518	>VHL-T157I-r YILKERCLQV\	418	1100
>VHL-T157I-\ YTLKERCLQV	127	>VHL-T157I-r YILKERCLQV	55	72
>VHL-T157I-\ YTLKERCLQV'	734	>VHL-T157I-r YILKERCLQV\	134	600
>VHL-T157I-\ YTLKERCLQV	39	>VHL-T157I-r YILKERCLQV	41	2
>VHL-T157I-\ YTLKERCLQV'	83	>VHL-T157I-r YILKERCLQV\	28	55
>VHL-T157I-\ YTLKERCL	1939	>VHL-T157I-r YILKERCL	464	1475
>VHL-T157I-\ YTLKERCLQV	32	>VHL-T157I-r YILKERCLQV	10	22
>VHL-T157I-\ YTLKERCLQV'	28	>VHL-T157I-r YILKERCLQV\	9	19
>VHL-T157I-\ YTLKERCLQV	860	>VHL-T157I-r YILKERCLQV	200	660
>VHL-T157I-\ YTLKERCLQV'	95	>VHL-T157I-r YILKERCLQV\	30	65
>VHL-T157I-\ YTLKERCL	2311	>VHL-T157I-r YILKERCL	343	1968
>VHL-T157I-\ YTLKERCLQV	31	>VHL-T157I-r YILKERCLQV	10	21
>VHL-T157I-\ YTLKERCLQV'	40	>VHL-T157I-r YILKERCLQV\	13	27
>VHL-T157I-\ YTLKERCLQV	709	>VHL-T157I-r YILKERCLQV	23	686
>VHL-T157I-\ YTLKERCLQV'	416	>VHL-T157I-r YILKERCLQV\	24	392
>VHL-T157I-\ YTLKERCL	4181	>VHL-T157I-r YILKERCL	241	3940
>VHL-T157I-\ YTLKERCLQV	19	>VHL-T157I-r YILKERCLQV	3	16
>VHL-T157I-\ YTLKERCLQV'	21	>VHL-T157I-r YILKERCLQV\	4	17
>VHL-T157I-\ YTLKERCLQV	14	>VHL-T157I-r YILKERCLQV	48	34
>VHL-T157I-\ YTLKERCLQV'	53	>VHL-T157I-r YILKERCLQV\	234	181
>VHL-T157I-\ YTLKERCL	1357	>VHL-T157I-r YILKERCL	189	1168
>VHL-T157I-\ YTLKERCL	205	>VHL-T157I-r YILKERCL	15790	15585
>VHL-T157I-\ YTLKERCLQV	211	>VHL-T157I-r YILKERCLQV	15122	14911
>VHL-T157I-\ YTLKERCL	280	>VHL-T157I-r YILKERCL	7204	6924
>VHL-T157I-\ YTLKERCLQV'	130	>VHL-T157I-r YILKERCLQV\	4016	3886
>VHL-T157I-\ IFANITLPVYT	1841	>VHL-T157I-r IFANITLPVYI	98	1743
>VHL-T157I-\ IFANITLPVYT	16278	>VHL-T157I-r IFANITLPVYI	152	16126
>VHL-T157I-\ IFANITLPVYT	10309	>VHL-T157I-r IFANITLPVYI	167	10142
>VHL-T157I-\ IFANITLPVYT	12179	>VHL-T157I-r IFANITLPVYI	212	11967
>VHL-T157I-\ LPVYTLKERCL	224	>VHL-T157I-r LPVYILKERCL	441	217
>VHL-T157I-\ LPVYTLKERCL	620	>VHL-T157I-r LPVYILKERCL	479	141
>VHL-T157I-\ LPVYTLKER	488	>VHL-T157I-r LPVYILKER	312	176
>VHL-T157I-\ LPVYTLKERC	337	>VHL-T157I-r LPVYILKERC	155	182

>VHL-T157I- $\nu$ LPVYTLKERCI	611	>VHL-T157I-rLPVYILKERCL	412	199
>VHL-T157I- $\nu$ TLPVYTLK	146	>VHL-T157I-rTLPVYILK	137	9
>VHL-T157I- $\nu$ TLPVYTLK	148	>VHL-T157I-rTLPVYILK	80	68
>VHL-T157I- $\nu$ TLPVYTLKER	774	>VHL-T157I-rTLPVYILKER	488	286
>VHL-T157I- $\nu$ TLPVYTLK	438	>VHL-T157I-rTLPVYILK	518	80
>VHL-T157I- $\nu$ TLPVYTLKER	247	>VHL-T157I-rTLPVYILKER	80	167
>VHL-T157I- $\nu$ ITLPVYTL	202	>VHL-T157I-rITLPVYIL	617	415
>VHL-T157I- $\nu$ ITLPVYTL	273	>VHL-T157I-rITLPVYIL	540	267
>VHL-T157I- $\nu$ ITLPVYTL	54	>VHL-T157I-rITLPVYIL	250	196
>VHL-T157I- $\nu$ ITLPVYTL	21	>VHL-T157I-rITLPVYIL	111	90
>VHL-T157I- $\nu$ ITLPVYTL	408	>VHL-T157I-rITLPVYIL	1386	978
>VHL-T157I- $\nu$ ITLPVYTL	307	>VHL-T157I-rITLPVYIL	914	607
>VHL-T157I- $\nu$ ITLPVYTLK	50	>VHL-T157I-rITLPVYILK	46	4
>VHL-T157I- $\nu$ ITLPVYTLK	9	>VHL-T157I-rITLPVYILK	6	3
>VHL-T157I- $\nu$ ITLPVYTLKER	348	>VHL-T157I-rITLPVYILKER	237	111
>VHL-T157I- $\nu$ ITLPVYTLK	45	>VHL-T157I-rITLPVYILK	9	36
>VHL-T157I- $\nu$ ITLPVYTLK	30	>VHL-T157I-rITLPVYILK	46	16
>VHL-T157I- $\nu$ ITLPVYTLKER	20	>VHL-T157I-rITLPVYILKER	18	2
>VHL-T157I- $\nu$ ITLPVYTL	68	>VHL-T157I-rITLPVYIL	399	331
>VHL-T157I- $\nu$ ITLPVYTLK	351	>VHL-T157I-rITLPVYILK	378	27
>VHL-T157I- $\nu$ ITLPVYTLKER	115	>VHL-T157I-rITLPVYILKER	75	40
>VHL-T157I- $\nu$ ITLPVYTLK	21	>VHL-T157I-rITLPVYILK	27	6
>VHL-T157I- $\nu$ ITLPVYTLKER	40	>VHL-T157I-rITLPVYILKER	29	11
>VHL-T157I- $\nu$ ITLPVYTL	248	>VHL-T157I-rITLPVYIL	568	320
>VHL-T157I- $\nu$ ITLPVYTL	263	>VHL-T157I-rITLPVYIL	643	380
>VHL-T157I- $\nu$ ITLPVYTL	6	>VHL-T157I-rITLPVYIL	16	10
>VHL-T157I- $\nu$ ITLPVYTL	185	>VHL-T157I-rITLPVYIL	409	224
>VHL-T157I- $\nu$ ITLPVYTL	70	>VHL-T157I-rITLPVYIL	83	13
>VHL-T157I- $\nu$ ITLPVYTL	143	>VHL-T157I-rITLPVYIL	36	107
>VHL-T157I- $\nu$ ITLPVYTLK	144	>VHL-T157I-rITLPVYILK	860	716
>VHL-T157I- $\nu$ ITLPVYTLKER	394	>VHL-T157I-rITLPVYILKER	430	36
>VHL-T157I- $\nu$ ITLPVYTL	96	>VHL-T157I-rITLPVYIL	180	84
>VHL-T157I- $\nu$ NITLPVYTLK	194	>VHL-T157I-rNITLPVYILK	175	19
>VHL-T157I- $\nu$ NITLPVYTLK	45	>VHL-T157I-rNITLPVYILK	26	19
>VHL-T157I- $\nu$ NITLPVYTLK	24	>VHL-T157I-rNITLPVYILK	20	4
>VHL-T157I- $\nu$ NITLPVYT	1488	>VHL-T157I-rNITLPVYI	44	1444
>VHL-T157I- $\nu$ NITLPVYTL	70	>VHL-T157I-rNITLPVYIL	193	123
>VHL-T157I- $\nu$ NITLPVYT	9490	>VHL-T157I-rNITLPVYI	482	9008
>VHL-T157I- $\nu$ ANITLPVYTL	411	>VHL-T157I-rANITLPVYIL	1296	885
>VHL-T157I- $\nu$ ANITLPVYTLK	232	>VHL-T157I-rANITLPVYILK	95	137
>VHL-T157I- $\nu$ FANITLPVYTL	351	>VHL-T157I-rFANITLPVYIL	1012	661
>VHL-T157I- $\nu$ FANITLPVYT	2481	>VHL-T157I-rFANITLPVYI	336	2145
>VHL-T157I- $\nu$ FANITLPVYT	1873	>VHL-T157I-rFANITLPVYI	240	1633

>VHL-T157I-l FANITLPVYTL	156	>VHL-T157I-r FANITLPVYIL	212	56
>VHL-T157I-l FANITLPVYT	585	>VHL-T157I-r FANITLPVYI	142	443
>VHL-T157I-l FANITLPVYTL	482	>VHL-T157I-r FANITLPVYIL	981	499
>VHL-T157I-l FANITLPVYT	292	>VHL-T157I-r FANITLPVYI	80	212
>VHL-T157I-l FANITLPVYTL	203	>VHL-T157I-r FANITLPVYIL	399	196
>VHL-T157I-l FANITLPVYT	1755	>VHL-T157I-r FANITLPVYI	73	1682
>VHL-T157I-l FANITLPVYTL	87	>VHL-T157I-r FANITLPVYIL	669	582
>VHL-T157I-l FANITLPVYTL	407	>VHL-T157I-r FANITLPVYIL	1594	1187
>VHL-T157I-l FANITLPVYT	4548	>VHL-T157I-r FANITLPVYI	233	4315
>VHL-T157I-l FANITLPVYTL	413	>VHL-T157I-r FANITLPVYIL	1323	910
>VHL-T157I-l FANITLPVYTL	63	>VHL-T157I-r FANITLPVYIL	468	405
>VHL-T157I-l FANITLPVYTL	278	>VHL-T157I-r FANITLPVYIL	907	629
>VHL-T157I-l FANITLPVYTL	160	>VHL-T157I-r FANITLPVYIL	230	70
>VHL-T157I-l FANITLPVYT	16338	>VHL-T157I-r FANITLPVYI	203	16135
>VHL-T157I-l FANITLPVYTL	310	>VHL-T157I-r FANITLPVYIL	293	17
>VHL-V130D·LVNQTELFV	493	>VHL-V130D·LDNQTELFV	10707	10214
>VHL-V130D·LVNQTELFV	423	>VHL-V130D·LDNQTELFV	16060	15637
>VHL-V130D·LVNQTELFV	137	>VHL-V130D·LDNQTELFV	14448	14311
>VHL-V130D·LVNQTELFV	66	>VHL-V130D·LDNQTELFV	9431	9365
>VHL-V130D·LVNQTELFV	56	>VHL-V130D·LDNQTELFV	8006	7950
>VHL-V130D·LVNQTELFV	17	>VHL-V130D·LDNQTELFV	11832	11815
>VHL-V130D·LVNQTELF	220	>VHL-V130D·LDNQTELF	7338	7118
>VHL-V130D·LVNQTELF	74	>VHL-V130D·LDNQTELF	14398	14324
>VHL-V130D·RDAGTHDGL	133	>VHL-V130D·RDAGTHDGL	22280	22147
>VHL-V130D·LLVNQTEL	146	>VHL-V130D·LLDNQTEL	64	82
>VHL-V130D·LLVNQTELFV	17	>VHL-V130D·LLDNQTELFV	15	2
>VHL-V130D·LLVNQTEL	11	>VHL-V130D·LLDNQTEL	20	9
>VHL-V130D·LLVNQTELF	408	>VHL-V130D·LLDNQTELF	1299	891
>VHL-V130D·LLVNQTELFV	15	>VHL-V130D·LLDNQTELFV	19	4
>VHL-V130D·LLVNQTEL	32	>VHL-V130D·LLDNQTEL	499	467
>VHL-V130D·LLVNQTELFV	28	>VHL-V130D·LLDNQTELFV	60	32
>VHL-V130D·LLVNQTEL	155	>VHL-V130D·LLDNQTEL	299	144
>VHL-V130D·LLVNQTELFV	61	>VHL-V130D·LLDNQTELFV	142	81
>VHL-V130D·LLVNQTEL	20	>VHL-V130D·LLDNQTEL	8	12
>VHL-V130D·LLVNQTELFV	3	>VHL-V130D·LLDNQTELFV	2	1
>VHL-V130D·LLVNQTEL	29	>VHL-V130D·LLDNQTEL	12	17
>VHL-V130D·LLVNQTELFV	6	>VHL-V130D·LLDNQTELFV	4	2
>VHL-V130D·LLVNQTEL	65	>VHL-V130D·LLDNQTEL	16	49
>VHL-V130D·LLVNQTELFV	7	>VHL-V130D·LLDNQTELFV	4	3
>VHL-V130D·LLVNQTEL	279	>VHL-V130D·LLDNQTEL	30	249
>VHL-V130D·LLVNQTELFV	9	>VHL-V130D·LLDNQTELFV	3	6
>VHL-V130D·LLVNQTEL	3	>VHL-V130D·LLDNQTEL	4	1
>VHL-V130D·LLVNQTELFV	2	>VHL-V130D·LLDNQTELFV	2	0

>VHL-V130D·LLVNQTSELF	85	>VHL-V130D·LLDNQTSELF	1978	1893
>VHL-V130D·LLVNQTSELF	77	>VHL-V130D·LLDNQTSELF	2952	2875
>VHL-V130D·GLLVNQTEL	76	>VHL-V130D·GLLDNQTEL	3683	3607
>VHL-V130D·GLLVNQTEL	171	>VHL-V130D·GLLDNQTEL	19	152
>VHL-V130D·GLLVNQTSELF	31	>VHL-V130D·GLLDNQTELF	10	21
>VHL-V130D·GLLVNQTEL	66	>VHL-V130D·GLLDNQTEL	10	56
>VHL-V130D·GLLVNQTSELF	83	>VHL-V130D·GLLDNQTELF	23	60
>VHL-V130D·GLLVNQTEL	695	>VHL-V130D·GLLDNQTEL	68	627
>VHL-V130D·GLLVNQTSELF	237	>VHL-V130D·GLLDNQTELF	37	200
>VHL-V130D·GLLVNQTEL	1444	>VHL-V130D·GLLDNQTEL	116	1328
>VHL-V130D·GLLVNQTSELF	81	>VHL-V130D·GLLDNQTELF	14	67
>VHL-V130D·GLLVNQTEL	27	>VHL-V130D·GLLDNQTEL	4	23
>VHL-V130D·GLLVNQTSELF	2982	>VHL-V130D·GLLDNQTELF	312	2670
>VHL-V130D·GLLVNQTEL	3	>VHL-V130D·GLLDNQTELF	2	1
>VHL-V130D·GLLVNQTEL	17	>VHL-V130D·GLLDNQTEL	4	13
>VHL-V130D·GLLVNQTSELF	4	>VHL-V130D·GLLDNQTELF	3	1
>VHL-V130D·GLLVNQTEL	17	>VHL-V130D·GLLDNQTEL	6	11
>VHL-V130D·GLLVNQTSELF	4	>VHL-V130D·GLLDNQTELF	4	0
>VHL-V130D·GLLVNQTEL	74	>VHL-V130D·GLLDNQTEL	7	67
>VHL-V130D·GLLVNQTSELF	5	>VHL-V130D·GLLDNQTELF	3	2
>VHL-V130D·GLLVNQTEL	8	>VHL-V130D·GLLDNQTEL	2	6
>VHL-V130D·GLLVNQTSELF	3430	>VHL-V130D·GLLDNQTELF	413	3017
>VHL-V130D·GLLVNQTEL	4	>VHL-V130D·GLLDNQTELF	2	2
>VHL-V130D·GLLVNQTSELF	484	>VHL-V130D·GLLDNQTELF	703	219
>VHL-V130D·HDGLLVNQTEL	237	>VHL-V130D·HDGLLDNQTEL	319	82
>VHL-V130D·GTHDGLLV	122	>VHL-V130D·GTHDGLLD	22590	22468
>VHL-V130D·GTHDGLLV	193	>VHL-V130D·GTHDGLLD	29104	28911
>VHL-V130D·GTHDGLLV	78	>VHL-V130D·GTHDGLLD	26816	26738
>VHL-V130D·GTHDGLLV	204	>VHL-V130D·GTHDGLLD	23636	23432
>VHL-V130D·GTHDGLLV	46	>VHL-V130D·GTHDGLLD	33307	33261
>VHL-V130L·LVNQTSELFV	1621	>VHL-V130L·LLNQTSELFV	51	1570
>VHL-V130L·LVNQTSELFV	493	>VHL-V130L·LLNQTSELFV	24	469
>VHL-V130L·LVNQTSELFV	423	>VHL-V130L·LLNQTSELFV	23	400
>VHL-V130L·LVNQTSELFV	137	>VHL-V130L·LLNQTSELFV	194	57
>VHL-V130L·LVNQTSELFV	66	>VHL-V130L·LLNQTSELFV	3	63
>VHL-V130L·LVNQTSELFV	1677	>VHL-V130L·LLNQTSELFV	11	1666
>VHL-V130L·LVNQTSELFV	56	>VHL-V130L·LLNQTSELFV	6	50
>VHL-V130L·LVNQTSELFV	529	>VHL-V130L·LLNQTSELFV	5	524
>VHL-V130L·LVNQTSELFV	17	>VHL-V130L·LLNQTSELFV	2	15
>VHL-V130L·LVNQTSELF	220	>VHL-V130L·LLNQTSELF	87	133
>VHL-V130L·LVNQTSELF	748	>VHL-V130L·LLNQTSELF	137	611
>VHL-V130L·LVNQTSELF	74	>VHL-V130L·LLNQTSELF	542	468
>VHL-V130L·RDAGTHDGL	133	>VHL-V130L·RDAGTHDGL	755	622

>VHL-V130L- LLVNQTEL	146	>VHL-V130L- LLLNQTEL	30	116
>VHL-V130L- LLVNQTELFV	17	>VHL-V130L- LLLNQTELFV	8	9
>VHL-V130L- LLVNQTEL	11	>VHL-V130L- LLLNQTEL	22	11
>VHL-V130L- LLVNQTELF	408	>VHL-V130L- LLLNQTELF	1159	751
>VHL-V130L- LLVNQTELFV	15	>VHL-V130L- LLLNQTELFV	14	1
>VHL-V130L- LLVNQTEL	32	>VHL-V130L- LLLNQTEL	119	87
>VHL-V130L- LLVNQTELFV	28	>VHL-V130L- LLLNQTELFV	26	2
>VHL-V130L- LLVNQTEL	155	>VHL-V130L- LLLNQTEL	81	74
>VHL-V130L- LLVNQTELFV	61	>VHL-V130L- LLLNQTELFV	38	23
>VHL-V130L- LLVNQTEL	20	>VHL-V130L- LLLNQTEL	5	15
>VHL-V130L- LLVNQTELFV	3	>VHL-V130L- LLLNQTELFV	2	1
>VHL-V130L- LLVNQTEL	29	>VHL-V130L- LLLNQTEL	8	21
>VHL-V130L- LLVNQTELFV	6	>VHL-V130L- LLLNQTELFV	3	3
>VHL-V130L- LLVNQTEL	65	>VHL-V130L- LLLNQTEL	10	55
>VHL-V130L- LLVNQTELFV	7	>VHL-V130L- LLLNQTELFV	4	3
>VHL-V130L- LLVNQTEL	279	>VHL-V130L- LLLNQTEL	8	271
>VHL-V130L- LLVNQTELFV	9	>VHL-V130L- LLLNQTELFV	2	7
>VHL-V130L- LLVNQTEL	3	>VHL-V130L- LLLNQTEL	3	0
>VHL-V130L- LLVNQTELFV	2	>VHL-V130L- LLLNQTELFV	2	0
>VHL-V130L- LLVNQTELF	2193	>VHL-V130L- LLLNQTELF	260	1933
>VHL-V130L- LLVNQTELF	645	>VHL-V130L- LLLNQTELF	187	458
>VHL-V130L- LLVNQTELF	85	>VHL-V130L- LLLNQTELF	191	106
>VHL-V130L- LLVNQTEL	668	>VHL-V130L- LLLNQTEL	438	230
>VHL-V130L- LLVNQTELF	77	>VHL-V130L- LLLNQTELF	48	29
>VHL-V130L- GLLVNQTEL	76	>VHL-V130L- GLLLNQTEL	119	43
>VHL-V130L- GLLVNQTEL	171	>VHL-V130L- GLLLNQTEL	181	10
>VHL-V130L- GLLVNQTELF	31	>VHL-V130L- GLLLNQTELF	32	1
>VHL-V130L- GLLVNQTEL	66	>VHL-V130L- GLLLNQTEL	83	17
>VHL-V130L- GLLVNQTELF	83	>VHL-V130L- GLLLNQTELF	98	15
>VHL-V130L- GLLVNQTELF	237	>VHL-V130L- GLLLNQTELF	242	5
>VHL-V130L- GLLVNQTELF	81	>VHL-V130L- GLLLNQTELF	119	38
>VHL-V130L- GLLVNQTEL	27	>VHL-V130L- GLLLNQTEL	36	9
>VHL-V130L- GLLVNQTELF	3	>VHL-V130L- GLLLNQTELF	4	1
>VHL-V130L- GLLVNQTEL	17	>VHL-V130L- GLLLNQTEL	20	3
>VHL-V130L- GLLVNQTELF	4	>VHL-V130L- GLLLNQTELF	5	1
>VHL-V130L- GLLVNQTEL	17	>VHL-V130L- GLLLNQTEL	22	5
>VHL-V130L- GLLVNQTELF	4	>VHL-V130L- GLLLNQTELF	5	1
>VHL-V130L- GLLVNQTEL	74	>VHL-V130L- GLLLNQTEL	60	14
>VHL-V130L- GLLVNQTELF	5	>VHL-V130L- GLLLNQTELF	5	0
>VHL-V130L- GLLVNQTEL	8	>VHL-V130L- GLLLNQTEL	10	2
>VHL-V130L- GLLVNQTELF	4	>VHL-V130L- GLLLNQTELF	5	1
>VHL-V130L- GLLVNQTELF	484	>VHL-V130L- GLLLNQTELF	1004	520
>VHL-V130L- HDGLLVNQTE	237	>VHL-V130L- HDGLLLNQTE	195	42

>VHL-V130L-GTHDGLLV	122	>VHL-V130L-GTHDGLLL	1397	1275
>VHL-V130L-GTHDGLLV	193	>VHL-V130L-GTHDGLLL	1316	1123
>VHL-V130L-GTHDGLLV	78	>VHL-V130L-GTHDGLLL	1339	1261
>VHL-V130L-GTHDGLLV	204	>VHL-V130L-GTHDGLLL	3481	3277
>VHL-V130L-GTHDGLLV	46	>VHL-V130L-GTHDGLLL	1250	1204
>VHL-V130L-GTHDGLLV	1456	>VHL-V130L-GTHDGLLL	34	1422
>VHL-V130L-GTHDGLLV	2269	>VHL-V130L-GTHDGLLL	433	1836
>VHL-V155D-QPIFANITLPV	151	>VHL-V155D-QPIFANITLPC	21487	21336
>VHL-V155D-QPIFANITLPV	72	>VHL-V155D-QPIFANITLPC	16841	16769
>VHL-V155D-QPIFANITLPV	157	>VHL-V155D-QPIFANITLPC	20383	20226
>VHL-V155D-QPIFANITLPV	148	>VHL-V155D-QPIFANITLPC	823	675
>VHL-V155D-QPIFANITLPV	204	>VHL-V155D-QPIFANITLPC	3153	2949
>VHL-V155D-LPVYTLKERCI	224	>VHL-V155D-LPDYTLKERCI	697	473
>VHL-V155D-LPVYTLKER	488	>VHL-V155D-LPDYTLKER	3076	2588
>VHL-V155D-LPVYTLKERC	337	>VHL-V155D-LPDYTLKERC	1446	1109
>VHL-V155D-TLPVYTLKERCI	3353	>VHL-V155D-TLPDYTLKERCI	390	2963
>VHL-V155D-TLPVYTLKERCI	1195	>VHL-V155D-TLPDYTLKERCI	57	1138
>VHL-V155D-TLPVYTLK	146	>VHL-V155D-TLPDYTLK	230	84
>VHL-V155D-TLPVYTLK	148	>VHL-V155D-TLPDYTLK	139	9
>VHL-V155D-TLPVYTLK	438	>VHL-V155D-TLPDYTLK	435	3
>VHL-V155D-TLPVYTLKER	247	>VHL-V155D-TLPDYTLKER	338	91
>VHL-V155D-TLPVYTLKER	725	>VHL-V155D-TLPDYTLKER	293	432
>VHL-V155D-ITLPVYTL	202	>VHL-V155D-ITLPDYTL	3232	3030
>VHL-V155D-ITLPVYTL	273	>VHL-V155D-ITLPDYTL	897	624
>VHL-V155D-ITLPVYTL	54	>VHL-V155D-ITLPDYTL	160	106
>VHL-V155D-ITLPVYTL	21	>VHL-V155D-ITLPDYTL	153	132
>VHL-V155D-ITLPVYTL	408	>VHL-V155D-ITLPDYTL	472	64
>VHL-V155D-ITLPVYTL	307	>VHL-V155D-ITLPDYTL	1145	838
>VHL-V155D-ITLPVYTLK	50	>VHL-V155D-ITLPDYTLK	125	75
>VHL-V155D-ITLPVYTLK	9	>VHL-V155D-ITLPDYTLK	17	8
>VHL-V155D-ITLPVYTLKER	348	>VHL-V155D-ITLPDYTLKER	1155	807
>VHL-V155D-ITLPVYTLK	45	>VHL-V155D-ITLPDYTLK	219	174
>VHL-V155D-ITLPVYTLK	30	>VHL-V155D-ITLPDYTLK	224	194
>VHL-V155D-ITLPVYTLKER	20	>VHL-V155D-ITLPDYTLKER	49	29
>VHL-V155D-ITLPVYTL	68	>VHL-V155D-ITLPDYTL	222	154
>VHL-V155D-ITLPVYTLK	351	>VHL-V155D-ITLPDYTLK	2124	1773
>VHL-V155D-ITLPVYTLKER	115	>VHL-V155D-ITLPDYTLKER	433	318
>VHL-V155D-ITLPVYTLK	21	>VHL-V155D-ITLPDYTLK	139	118
>VHL-V155D-ITLPVYTLKER	40	>VHL-V155D-ITLPDYTLKER	119	79
>VHL-V155D-ITLPVYTL	248	>VHL-V155D-ITLPDYTL	1300	1052
>VHL-V155D-ITLPVYTL	263	>VHL-V155D-ITLPDYTL	1424	1161
>VHL-V155D-ITLPVYTL	6	>VHL-V155D-ITLPDYTL	6	0
>VHL-V155D-ITLPVYTL	185	>VHL-V155D-ITLPDYTL	260	75

>VHL-V155D·ITLPVYTL	70	>VHL-V155D·ITLPDYTL	400	330
>VHL-V155D·ITLPVYTL	143	>VHL-V155D·ITLPDYTL	453	310
>VHL-V155D·ITLPVYTLK	144	>VHL-V155D·ITLPDYTLK	576	432
>VHL-V155D·ITLPVYTLKER	394	>VHL-V155D·ITLPDYTLKER	236	158
>VHL-V155D·ITLPVYTL	96	>VHL-V155D·ITLPDYTL	91	5
>VHL-V155D·NITLPVYTLK	194	>VHL-V155D·NITLPDYTLK	840	646
>VHL-V155D·NITLPVYTLK	45	>VHL-V155D·NITLPDYTLK	102	57
>VHL-V155D·NITLPVYTLK	24	>VHL-V155D·NITLPDYTLK	45	21
>VHL-V155D·NITLPVYTL	70	>VHL-V155D·NITLPDYTL	105	35
>VHL-V155D·ANITLPVYTL	411	>VHL-V155D·ANITLPDYTL	354	57
>VHL-V155D·ANITLPVYTLK	232	>VHL-V155D·ANITLPDYTLK	601	369
>VHL-V155D·ANITLPVY	253	>VHL-V155D·ANITLPDY	431	178
>VHL-V155D·ANITLPVY	682	>VHL-V155D·ANITLPDY	359	323
>VHL-V155D·ANITLPVY	453	>VHL-V155D·ANITLPDY	722	269
>VHL-V155D·ANITLPVY	481	>VHL-V155D·ANITLPDY	1319	838
>VHL-V155D·FANITLPVYTL	351	>VHL-V155D·FANITLPDYTL	849	498
>VHL-V155D·FANITLPV	136	>VHL-V155D·FANITLPD	22664	22528
>VHL-V155D·FANITLPV	82	>VHL-V155D·FANITLPD	15735	15653
>VHL-V155D·FANITLPVYTL	156	>VHL-V155D·FANITLPDYTL	326	170
>VHL-V155D·FANITLPV	19	>VHL-V155D·FANITLPD	16482	16463
>VHL-V155D·FANITLPVYTL	482	>VHL-V155D·FANITLPDYTL	1852	1370
>VHL-V155D·FANITLPV	12	>VHL-V155D·FANITLPD	15878	15866
>VHL-V155D·FANITLPVYT	292	>VHL-V155D·FANITLPDYT	295	3
>VHL-V155D·FANITLPVYTL	203	>VHL-V155D·FANITLPDYTL	327	124
>VHL-V155D·FANITLPV	31	>VHL-V155D·FANITLPD	25107	25076
>VHL-V155D·FANITLPVYTL	87	>VHL-V155D·FANITLPDYTL	427	340
>VHL-V155D·FANITLPV	114	>VHL-V155D·FANITLPD	24321	24207
>VHL-V155D·FANITLPV	25	>VHL-V155D·FANITLPD	33902	33877
>VHL-V155D·FANITLPVYTL	407	>VHL-V155D·FANITLPDYTL	1035	628
>VHL-V155D·FANITLPVY	243	>VHL-V155D·FANITLPDY	92	151
>VHL-V155D·FANITLPVY	71	>VHL-V155D·FANITLPDY	123	52
>VHL-V155D·FANITLPV	96	>VHL-V155D·FANITLPD	14640	14544
>VHL-V155D·FANITLPV	24	>VHL-V155D·FANITLPD	16788	16764
>VHL-V155D·FANITLPVYTL	413	>VHL-V155D·FANITLPDYTL	1567	1154
>VHL-V155D·FANITLPVY	114	>VHL-V155D·FANITLPDY	966	852
>VHL-V155D·FANITLPVY	170	>VHL-V155D·FANITLPDY	359	189
>VHL-V155D·FANITLPVY	14	>VHL-V155D·FANITLPDY	44	30
>VHL-V155D·FANITLPVYTL	63	>VHL-V155D·FANITLPDYTL	93	30
>VHL-V155D·FANITLPVY	26	>VHL-V155D·FANITLPDY	80	54
>VHL-V155D·FANITLPVYTL	278	>VHL-V155D·FANITLPDYTL	184	94
>VHL-V155D·FANITLPVY	375	>VHL-V155D·FANITLPDY	2783	2408
>VHL-V155D·FANITLPVY	134	>VHL-V155D·FANITLPDY	187	53
>VHL-V155D·FANITLPVYTL	160	>VHL-V155D·FANITLPDYTL	176	16

>VHL-V155D·FANITLPV	89	>VHL-V155D·FANITLPD	2191	2102
>VHL-V155D·FANITLPVY	103	>VHL-V155D·FANITLPDY	1922	1819
>VHL-V155D·FANITLPVYTL	310	>VHL-V155D·FANITLPDYTL	1078	768
>VHL-V155D·IFANITLPVY	711	>VHL-V155D·IFANITLPDY	357	354
>VHL-V155D·IFANITLPV	35	>VHL-V155D·IFANITLPD	14623	14588
>VHL-V155D·IFANITLPV	478	>VHL-V155D·IFANITLPD	5607	5129
>VHL-V155D·IFANITLPVY	52	>VHL-V155D·IFANITLPDY	90	38
>VHL-V155D·IFANITLPVY	87	>VHL-V155D·IFANITLPDY	61	26
>VHL-V155D·IFANITLPVY	137	>VHL-V155D·IFANITLPDY	83	54
>VHL-V155D·PIFANITLPV	393	>VHL-V155D·PIFANITLPD	23463	23070
>VHL-V155D·PIFANITLPV	79	>VHL-V155D·PIFANITLPD	17365	17286
>VHL-V155D·PIFANITLPV	21	>VHL-V155D·PIFANITLPD	24114	24093
>VHL-V155D·PIFANITLPV	76	>VHL-V155D·PIFANITLPD	24551	24475
>VHL-V155D·PIFANITLPV	25	>VHL-V155D·PIFANITLPD	32983	32958
>VHL-V155D·PIFANITLPVY	135	>VHL-V155D·PIFANITLPDY	55	80
>VHL-V155D·PIFANITLPVY	195	>VHL-V155D·PIFANITLPDY	277	82
>VHL-V155D·PIFANITLPV	218	>VHL-V155D·PIFANITLPD	21714	21496
>VHL-V155G·QPIFANITLPV	151	>VHL-V155G·QPIFANITLPC	16850	16699
>VHL-V155G·QPIFANITLPV	72	>VHL-V155G·QPIFANITLPC	12114	12042
>VHL-V155G·QPIFANITLPV	157	>VHL-V155G·QPIFANITLPC	18055	17898
>VHL-V155G·QPIFANITLPV	148	>VHL-V155G·QPIFANITLPC	180	32
>VHL-V155G·QPIFANITLPV	204	>VHL-V155G·QPIFANITLPC	1791	1587
>VHL-V155G·LPVYTLKERCI	224	>VHL-V155G·LPGYTLKERCI	525	301
>VHL-V155G·LPVYTLKER	488	>VHL-V155G·LPGYTLKER	3124	2636
>VHL-V155G·LPVYTLKERC	337	>VHL-V155G·LPGYTLKERC	3813	3476
>VHL-V155G·TLPVYTLKER(C	1195	>VHL-V155G·TLPGYTLKER(C	117	1078
>VHL-V155G·TLPVYTLK	146	>VHL-V155G·TLPGYTLK	116	30
>VHL-V155G·TLPVYTLK	148	>VHL-V155G·TLPGYTLK	188	40
>VHL-V155G·TLPVYTLKER	774	>VHL-V155G·TLPGYTLKER	343	431
>VHL-V155G·TLPVYTLK	438	>VHL-V155G·TLPGYTLK	601	163
>VHL-V155G·TLPVYTLKER	247	>VHL-V155G·TLPGYTLKER	235	12
>VHL-V155G·TLPVYTLKER	725	>VHL-V155G·TLPGYTLKER	353	372
>VHL-V155G·ITLPVYTL	202	>VHL-V155G·ITLPGYTL	1510	1308
>VHL-V155G·ITLPVYTL	273	>VHL-V155G·ITLPGYTL	964	691
>VHL-V155G·ITLPVYTL	54	>VHL-V155G·ITLPGYTL	79	25
>VHL-V155G·ITLPVYTL	21	>VHL-V155G·ITLPGYTL	66	45
>VHL-V155G·ITLPVYTL	408	>VHL-V155G·ITLPGYTL	626	218
>VHL-V155G·ITLPVYTL	307	>VHL-V155G·ITLPGYTL	795	488
>VHL-V155G·ITLPVYTLK	50	>VHL-V155G·ITLPGYTLK	55	5
>VHL-V155G·ITLPVYTLK	9	>VHL-V155G·ITLPGYTLK	12	3
>VHL-V155G·ITLPVYTLKER	348	>VHL-V155G·ITLPGYTLKER	764	416
>VHL-V155G·ITLPVYTLK	45	>VHL-V155G·ITLPGYTLK	38	7
>VHL-V155G·ITLPVYTLK	30	>VHL-V155G·ITLPGYTLK	58	28



>VHL-V155G·ITLPVYTLKER	20	>VHL-V155G·ITLPGYTLKER	28	8
>VHL-V155G·ITLPVYTL	68	>VHL-V155G·ITLPGYTL	204	136
>VHL-V155G·ITLPVYTLK	351	>VHL-V155G·ITLPGYTLK	790	439
>VHL-V155G·ITLPVYTLKER	115	>VHL-V155G·ITLPGYTLKER	198	83
>VHL-V155G·ITLPVYTLK	21	>VHL-V155G·ITLPGYTLK	106	85
>VHL-V155G·ITLPVYTLKER	40	>VHL-V155G·ITLPGYTLKER	112	72
>VHL-V155G·ITLPVYTL	248	>VHL-V155G·ITLPGYTL	1733	1485
>VHL-V155G·ITLPVYTL	263	>VHL-V155G·ITLPGYTL	410	147
>VHL-V155G·ITLPVYTL	587	>VHL-V155G·ITLPGYTL	465	122
>VHL-V155G·ITLPVYTL	6	>VHL-V155G·ITLPGYTL	4	2
>VHL-V155G·ITLPVYTLKE	1561	>VHL-V155G·ITLPGYTLKE	495	1066
>VHL-V155G·ITLPVYTL	185	>VHL-V155G·ITLPGYTL	466	281
>VHL-V155G·ITLPVYTL	70	>VHL-V155G·ITLPGYTL	443	373
>VHL-V155G·ITLPVYTL	143	>VHL-V155G·ITLPGYTL	22	121
>VHL-V155G·ITLPVYTLK	144	>VHL-V155G·ITLPGYTLK	250	106
>VHL-V155G·ITLPVYTLKER	394	>VHL-V155G·ITLPGYTLKER	283	111
>VHL-V155G·ITLPVYTL	96	>VHL-V155G·ITLPGYTL	74	22
>VHL-V155G·NITLPVYTLK	194	>VHL-V155G·NITLPGYTLK	182	12
>VHL-V155G·NITLPVYTLK	45	>VHL-V155G·NITLPGYTLK	87	42
>VHL-V155G·NITLPVYTLK	24	>VHL-V155G·NITLPGYTLK	65	41
>VHL-V155G·NITLPVYTL	70	>VHL-V155G·NITLPGYTL	444	374
>VHL-V155G·ANITLPVYTL	411	>VHL-V155G·ANITLPGYTL	822	411
>VHL-V155G·ANITLPVYTLK	232	>VHL-V155G·ANITLPGYTLK	600	368
>VHL-V155G·ANITLPVY	253	>VHL-V155G·ANITLPGY	218	35
>VHL-V155G·ANITLPVY	682	>VHL-V155G·ANITLPGY	462	220
>VHL-V155G·ANITLPVY	453	>VHL-V155G·ANITLPGY	360	93
>VHL-V155G·ANITLPVY	481	>VHL-V155G·ANITLPGY	1974	1493
>VHL-V155G·FANITLPVYTL	351	>VHL-V155G·FANITLPGYTL	559	208
>VHL-V155G·FANITLPV	136	>VHL-V155G·FANITLPG	20679	20543
>VHL-V155G·FANITLPV	82	>VHL-V155G·FANITLPG	7639	7557
>VHL-V155G·FANITLPVYTL	156	>VHL-V155G·FANITLPGYTL	255	99
>VHL-V155G·FANITLPV	19	>VHL-V155G·FANITLPG	9775	9756
>VHL-V155G·FANITLPVYT	585	>VHL-V155G·FANITLPGYT	338	247
>VHL-V155G·FANITLPVYTL	482	>VHL-V155G·FANITLPGYTL	900	418
>VHL-V155G·FANITLPV	12	>VHL-V155G·FANITLPG	7864	7852
>VHL-V155G·FANITLPVYT	292	>VHL-V155G·FANITLPGYT	516	224
>VHL-V155G·FANITLPVYTL	203	>VHL-V155G·FANITLPGYTL	223	20
>VHL-V155G·FANITLPV	31	>VHL-V155G·FANITLPG	18172	18141
>VHL-V155G·FANITLPVYTL	87	>VHL-V155G·FANITLPGYTL	149	62
>VHL-V155G·FANITLPV	114	>VHL-V155G·FANITLPG	21837	21723
>VHL-V155G·FANITLPV	25	>VHL-V155G·FANITLPG	31199	31174
>VHL-V155G·FANITLPVYTL	407	>VHL-V155G·FANITLPGYTL	705	298
>VHL-V155G·FANITLPVY	243	>VHL-V155G·FANITLPGY	178	65

>VHL-V155G·FANITLPVY	71	>VHL-V155G·FANITLPGY	87	16
>VHL-V155G·FANITLPV	96	>VHL-V155G·FANITLPG	9675	9579
>VHL-V155G·FANITLPV	24	>VHL-V155G·FANITLPG	13211	13187
>VHL-V155G·FANITLPVYTL	413	>VHL-V155G·FANITLPGYTL	473	60
>VHL-V155G·FANITLPVY	114	>VHL-V155G·FANITLPGY	338	224
>VHL-V155G·FANITLPVY	170	>VHL-V155G·FANITLPGY	609	439
>VHL-V155G·FANITLPVY	14	>VHL-V155G·FANITLPGY	10	4
>VHL-V155G·FANITLPVYTL	63	>VHL-V155G·FANITLPGYTL	56	7
>VHL-V155G·FANITLPVY	26	>VHL-V155G·FANITLPGY	56	30
>VHL-V155G·FANITLPVYTL	278	>VHL-V155G·FANITLPGYTL	332	54
>VHL-V155G·FANITLPVY	375	>VHL-V155G·FANITLPGY	6809	6434
>VHL-V155G·FANITLPVY	134	>VHL-V155G·FANITLPGY	381	247
>VHL-V155G·FANITLPVYTL	160	>VHL-V155G·FANITLPGYTL	309	149
>VHL-V155G·FANITLPV	89	>VHL-V155G·FANITLPG	1122	1033
>VHL-V155G·FANITLPVY	103	>VHL-V155G·FANITLPGY	503	400
>VHL-V155G·FANITLPVYTL	310	>VHL-V155G·FANITLPGYTL	428	118
>VHL-V155G·IFANITLPV	35	>VHL-V155G·IFANITLPG	7440	7405
>VHL-V155G·IFANITLPV	478	>VHL-V155G·IFANITLPG	5587	5109
>VHL-V155G·IFANITLPVY	52	>VHL-V155G·IFANITLPGY	47	5
>VHL-V155G·IFANITLPVY	87	>VHL-V155G·IFANITLPGY	93	6
>VHL-V155G·IFANITLPVY	137	>VHL-V155G·IFANITLPGY	125	12
>VHL-V155G·PIFANITLPV	393	>VHL-V155G·PIFANITLPG	17450	17057
>VHL-V155G·PIFANITLPV	79	>VHL-V155G·PIFANITLPG	13295	13216
>VHL-V155G·PIFANITLPV	21	>VHL-V155G·PIFANITLPG	17502	17481
>VHL-V155G·PIFANITLPV	76	>VHL-V155G·PIFANITLPG	22415	22339
>VHL-V155G·PIFANITLPV	25	>VHL-V155G·PIFANITLPG	30106	30081
>VHL-V155G·PIFANITLPVY	135	>VHL-V155G·PIFANITLPGY	93	42
>VHL-V155G·PIFANITLPVY	195	>VHL-V155G·PIFANITLPGY	199	4
>VHL-V155G·PIFANITLPV	218	>VHL-V155G·PIFANITLPG	20240	20022
>VHL-V155L·PVYTLKER	616	>VHL-V155L·PLYTLKER	359	257
>VHL-V155L·QPIFANITLPV	1392	>VHL-V155L·QPIFANITLPL	275	1117
>VHL-V155L·QPIFANITLPV	151	>VHL-V155L·QPIFANITLPL	1757	1606
>VHL-V155L·QPIFANITLPV	72	>VHL-V155L·QPIFANITLPL	460	388
>VHL-V155L·QPIFANITLPV	157	>VHL-V155L·QPIFANITLPL	40	117
>VHL-V155L·QPIFANITLPV	148	>VHL-V155L·QPIFANITLPL	30	118
>VHL-V155L·QPIFANITLPV	1901	>VHL-V155L·QPIFANITLPL	82	1819
>VHL-V155L·QPIFANITLPV	204	>VHL-V155L·QPIFANITLPL	9468	9264
>VHL-V155L·QPIFANITLPV	2068	>VHL-V155L·QPIFANITLPL	268	1800
>VHL-V155L·LPVYTLKERCL	224	>VHL-V155L·LPLYTLKERCL	431	207
>VHL-V155L·LPVYTLKERCL	1300	>VHL-V155L·LPLYTLKERCL	351	949
>VHL-V155L·LPVYTLKER	488	>VHL-V155L·LPLYTLKER	685	197
>VHL-V155L·LPVYTLKERC	337	>VHL-V155L·LPLYTLKERC	272	65
>VHL-V155L·LPVYTLKERCL	611	>VHL-V155L·LPLYTLKERCL	330	281

>VHL-V155L- TLPVYTLK	146	>VHL-V155L- TLPLYTLK	172	26
>VHL-V155L- TLPVYTLK	148	>VHL-V155L- TLPLYTLK	144	4
>VHL-V155L- TLPVYTLKER	774	>VHL-V155L- TLPLYTLKER	407	367
>VHL-V155L- TLPVYTLK	438	>VHL-V155L- TLPLYTLK	694	256
>VHL-V155L- TLPVYTLKER	247	>VHL-V155L- TLPLYTLKER	352	105
>VHL-V155L- TLPVYTLKER	725	>VHL-V155L- TLPLYTLKER	368	357
>VHL-V155L- ITLPVYTL	202	>VHL-V155L- ITLPLYTL	165	37
>VHL-V155L- ITLPVYTL	273	>VHL-V155L- ITLPLYTL	294	21
>VHL-V155L- ITLPVYTL	54	>VHL-V155L- ITLPLYTL	49	5
>VHL-V155L- ITLPVYTL	21	>VHL-V155L- ITLPLYTL	56	35
>VHL-V155L- ITLPVYTL	408	>VHL-V155L- ITLPLYTL	410	2
>VHL-V155L- ITLPVYTL	307	>VHL-V155L- ITLPLYTL	700	393
>VHL-V155L- ITLPVYTLK	50	>VHL-V155L- ITLPLYTLK	66	16
>VHL-V155L- ITLPVYTLK	9	>VHL-V155L- ITLPLYTLK	9	0
>VHL-V155L- ITLPVYTLKER	348	>VHL-V155L- ITLPLYTLKER	506	158
>VHL-V155L- ITLPVYTLK	45	>VHL-V155L- ITLPLYTLK	49	4
>VHL-V155L- ITLPVYTLK	30	>VHL-V155L- ITLPLYTLK	33	3
>VHL-V155L- ITLPVYTLKER	20	>VHL-V155L- ITLPLYTLKER	21	1
>VHL-V155L- ITLPVYTL	68	>VHL-V155L- ITLPLYTL	90	22
>VHL-V155L- ITLPVYTLK	351	>VHL-V155L- ITLPLYTLK	667	316
>VHL-V155L- ITLPVYTLKER	115	>VHL-V155L- ITLPLYTLKER	178	63
>VHL-V155L- ITLPVYTLK	21	>VHL-V155L- ITLPLYTLK	62	41
>VHL-V155L- ITLPVYTLKER	40	>VHL-V155L- ITLPLYTLKER	79	39
>VHL-V155L- ITLPVYTL	248	>VHL-V155L- ITLPLYTL	618	370
>VHL-V155L- ITLPVYTL	263	>VHL-V155L- ITLPLYTL	279	16
>VHL-V155L- ITLPVYTL	6	>VHL-V155L- ITLPLYTL	5	1
>VHL-V155L- ITLPVYTL	185	>VHL-V155L- ITLPLYTL	264	79
>VHL-V155L- ITLPVYTL	70	>VHL-V155L- ITLPLYTL	163	93
>VHL-V155L- ITLPVYTL	143	>VHL-V155L- ITLPLYTL	208	65
>VHL-V155L- ITLPVYTLK	144	>VHL-V155L- ITLPLYTLK	132	12
>VHL-V155L- ITLPVYTLKER	394	>VHL-V155L- ITLPLYTLKER	253	141
>VHL-V155L- ITLPVYTLKER	1004	>VHL-V155L- ITLPLYTLKER	476	528
>VHL-V155L- ITLPVYTL	96	>VHL-V155L- ITLPLYTL	110	14
>VHL-V155L- NITLPVYTLK	194	>VHL-V155L- NITLPLYTLK	245	51
>VHL-V155L- NITLPVYTLK	45	>VHL-V155L- NITLPLYTLK	61	16
>VHL-V155L- NITLPVYTLK	24	>VHL-V155L- NITLPLYTLK	50	26
>VHL-V155L- NITLPVYTL	70	>VHL-V155L- NITLPLYTL	105	35
>VHL-V155L- ANITLPVYTL	411	>VHL-V155L- ANITLPLYTL	242	169
>VHL-V155L- ANITLPVYTLK	232	>VHL-V155L- ANITLPLYTLK	204	28
>VHL-V155L- ANITLPVY	253	>VHL-V155L- ANITLPLY	675	422
>VHL-V155L- ANITLPVY	682	>VHL-V155L- ANITLPLY	54	628
>VHL-V155L- ANITLPVY	453	>VHL-V155L- ANITLPLY	469	16
>VHL-V155L- ANITLPVY	481	>VHL-V155L- ANITLPLY	1564	1083

>VHL-V155L- FANITLPV	1507	>VHL-V155L- FANITLPL	415	1092
>VHL-V155L- FANITLPVYTL	351	>VHL-V155L- FANITLPLYTL	302	49
>VHL-V155L- FANITLPV	136	>VHL-V155L- FANITLPL	732	596
>VHL-V155L- FANITLPVYTL	689	>VHL-V155L- FANITLPLYTL	495	194
>VHL-V155L- FANITLPV	82	>VHL-V155L- FANITLPL	104	22
>VHL-V155L- FANITLPVYTL	156	>VHL-V155L- FANITLPLYTL	103	53
>VHL-V155L- FANITLPV	19	>VHL-V155L- FANITLPL	235	216
>VHL-V155L- FANITLPVYT	585	>VHL-V155L- FANITLPLYT	320	265
>VHL-V155L- FANITLPVYTL	482	>VHL-V155L- FANITLPLYTL	428	54
>VHL-V155L- FANITLPV	12	>VHL-V155L- FANITLPL	69	57
>VHL-V155L- FANITLPVYT	292	>VHL-V155L- FANITLPLYT	178	114
>VHL-V155L- FANITLPVYTL	203	>VHL-V155L- FANITLPLYTL	92	111
>VHL-V155L- FANITLPV	31	>VHL-V155L- FANITLPL	628	597
>VHL-V155L- FANITLPVYTL	87	>VHL-V155L- FANITLPLYTL	114	27
>VHL-V155L- FANITLPV	114	>VHL-V155L- FANITLPL	2968	2854
>VHL-V155L- FANITLPV	25	>VHL-V155L- FANITLPL	1082	1057
>VHL-V155L- FANITLPVYTL	407	>VHL-V155L- FANITLPLYTL	405	2
>VHL-V155L- FANITLPVY	243	>VHL-V155L- FANITLPLY	30	213
>VHL-V155L- FANITLPVY	71	>VHL-V155L- FANITLPLY	75	4
>VHL-V155L- FANITLPV	96	>VHL-V155L- FANITLPL	552	456
>VHL-V155L- FANITLPV	24	>VHL-V155L- FANITLPL	188	164
>VHL-V155L- FANITLPVYTL	413	>VHL-V155L- FANITLPLYTL	325	88
>VHL-V155L- FANITLPVY	114	>VHL-V155L- FANITLPLY	792	678
>VHL-V155L- FANITLPVY	170	>VHL-V155L- FANITLPLY	649	479
>VHL-V155L- FANITLPV	2746	>VHL-V155L- FANITLPL	101	2645
>VHL-V155L- FANITLPVY	14	>VHL-V155L- FANITLPLY	17	3
>VHL-V155L- FANITLPVYTL	63	>VHL-V155L- FANITLPLYTL	81	18
>VHL-V155L- FANITLPV	1143	>VHL-V155L- FANITLPL	149	994
>VHL-V155L- FANITLPVY	26	>VHL-V155L- FANITLPLY	70	44
>VHL-V155L- FANITLPVYTL	278	>VHL-V155L- FANITLPLYTL	483	205
>VHL-V155L- FANITLPVY	375	>VHL-V155L- FANITLPLY	6310	5935
>VHL-V155L- FANITLPVY	134	>VHL-V155L- FANITLPLY	71	63
>VHL-V155L- FANITLPVYTL	160	>VHL-V155L- FANITLPLYTL	218	58
>VHL-V155L- FANITLPV	89	>VHL-V155L- FANITLPL	6733	6644
>VHL-V155L- FANITLPVY	103	>VHL-V155L- FANITLPLY	110	7
>VHL-V155L- FANITLPVYTL	310	>VHL-V155L- FANITLPLYTL	297	13
>VHL-V155L- FANITLPVY	582	>VHL-V155L- FANITLPLY	348	234
>VHL-V155L- FANITLPVY	1484	>VHL-V155L- FANITLPLY	494	990
>VHL-V155L- IFANITLPVY	711	>VHL-V155L- IFANITLPLY	363	348
>VHL-V155L- IFANITLPV	35	>VHL-V155L- IFANITLPL	44	9
>VHL-V155L- IFANITLPV	4086	>VHL-V155L- IFANITLPL	397	3689
>VHL-V155L- IFANITLPV	1613	>VHL-V155L- IFANITLPL	421	1192
>VHL-V155L- IFANITLPV	8941	>VHL-V155L- IFANITLPL	463	8478

>VHL-V155L- IFANITLPV	478	>VHL-V155L- IFANITLPL	1124	646
>VHL-V155L- IFANITLPVY	52	>VHL-V155L- IFANITLPLY	34	18
>VHL-V155L- IFANITLPVY	87	>VHL-V155L- IFANITLPLY	33	54
>VHL-V155L- IFANITLPV	2843	>VHL-V155L- IFANITLPL	429	2414
>VHL-V155L- IFANITLPVY	137	>VHL-V155L- IFANITLPLY	29	108
>VHL-V155L- PIFANITLPV	393	>VHL-V155L- PIFANITLPL	371	22
>VHL-V155L- PIFANITLPV	79	>VHL-V155L- PIFANITLPL	379	300
>VHL-V155L- PIFANITLPV	21	>VHL-V155L- PIFANITLPL	356	335
>VHL-V155L- PIFANITLPV	76	>VHL-V155L- PIFANITLPL	2275	2199
>VHL-V155L- PIFANITLPV	25	>VHL-V155L- PIFANITLPL	551	526
>VHL-V155L- PIFANITLPVY	135	>VHL-V155L- PIFANITLPLY	25	110
>VHL-V155L- PIFANITLPVY	195	>VHL-V155L- PIFANITLPLY	206	11
>VHL-V155L- PIFANITLPV	820	>VHL-V155L- PIFANITLPL	168	652
>VHL-V155L- PIFANITLPV	218	>VHL-V155L- PIFANITLPL	2756	2538
>VHL-V155L- PIFANITLPVY	687	>VHL-V155L- PIFANITLPLY	326	361
>VHL-V155M PVYTLKER	1246	>VHL-V155M PMYTLKER	342	904
>VHL-V155M PVYTLKER	616	>VHL-V155M PMYTLKER	129	487
>VHL-V155M QPIFANITLPV	1392	>VHL-V155M QPIFANITLPM	148	1244
>VHL-V155M QPIFANITLPV	151	>VHL-V155M QPIFANITLPM	8574	8423
>VHL-V155M QPIFANITLPV	72	>VHL-V155M QPIFANITLPM	757	685
>VHL-V155M QPIFANITLPV	157	>VHL-V155M QPIFANITLPM	40	117
>VHL-V155M QPIFANITLPV	148	>VHL-V155M QPIFANITLPM	10	138
>VHL-V155M QPIFANITLPV	1901	>VHL-V155M QPIFANITLPM	443	1458
>VHL-V155M QPIFANITLPV	2344	>VHL-V155M QPIFANITLPM	399	1945
>VHL-V155M QPIFANITLPV	204	>VHL-V155M QPIFANITLPM	8509	8305
>VHL-V155M QPIFANITLPV	2068	>VHL-V155M QPIFANITLPM	326	1742
>VHL-V155M LPVYTLKERCI	224	>VHL-V155M LPMYTLKERC	43	181
>VHL-V155M LPVYTLKERCI	1300	>VHL-V155M LPMYTLKERC	117	1183
>VHL-V155M LPVYTLKERCI	620	>VHL-V155M LPMYTLKERC	431	189
>VHL-V155M LPVYTLKER	488	>VHL-V155M LPMYTLKER	415	73
>VHL-V155M LPVYTLKERC	337	>VHL-V155M LPMYTLKERC	94	243
>VHL-V155M TLPVYTLK	146	>VHL-V155M TLPMYTLK	128	18
>VHL-V155M TLPVYTLK	148	>VHL-V155M TLPMYTLK	102	46
>VHL-V155M TLPVYTLKER	774	>VHL-V155M TLPMYTLKER	376	398
>VHL-V155M TLPVYTLK	438	>VHL-V155M TLPMYTLK	409	29
>VHL-V155M TLPVYTLKER	247	>VHL-V155M TLPMYTLKER	146	101
>VHL-V155M TLPVYTLKER	725	>VHL-V155M TLPMYTLKER	396	329
>VHL-V155M ITLPVYTL	202	>VHL-V155M ITLPMYTL	140	62
>VHL-V155M ITLPVYTL	273	>VHL-V155M ITLPMYTL	373	100
>VHL-V155M ITLPVYTL	54	>VHL-V155M ITLPMYTL	86	32
>VHL-V155M ITLPVYTL	21	>VHL-V155M ITLPMYTL	128	107
>VHL-V155M ITLPVYTL	408	>VHL-V155M ITLPMYTL	701	293
>VHL-V155M ITLPVYTL	307	>VHL-V155M ITLPMYTL	1375	1068

>VHL-V155MITLPVYTLK	50	>VHL-V155MITLPMYTLK	58	8
>VHL-V155MITLPVYTLK	9	>VHL-V155MITLPMYTLK	9	0
>VHL-V155MITLPVYTLKER	348	>VHL-V155MITLPMYTLKEF	413	65
>VHL-V155MITLPVYTLK	45	>VHL-V155MITLPMYTLK	32	13
>VHL-V155MITLPVYTLK	30	>VHL-V155MITLPMYTLK	32	2
>VHL-V155MITLPVYTLKER	20	>VHL-V155MITLPMYTLKEF	21	1
>VHL-V155MITLPVYTL	68	>VHL-V155MITLPMYTL	90	22
>VHL-V155MITLPVYTLK	351	>VHL-V155MITLPMYTLK	989	638
>VHL-V155MITLPVYTLKER	115	>VHL-V155MITLPMYTLKEF	232	117
>VHL-V155MITLPVYTLK	21	>VHL-V155MITLPMYTLK	40	19
>VHL-V155MITLPVYTLKER	40	>VHL-V155MITLPMYTLKEF	52	12
>VHL-V155MITLPVYTL	248	>VHL-V155MITLPMYTL	481	233
>VHL-V155MITLPVYTL	263	>VHL-V155MITLPMYTL	377	114
>VHL-V155MITLPVYTL	6	>VHL-V155MITLPMYTL	4	2
>VHL-V155MITLPVYTL	185	>VHL-V155MITLPMYTL	369	184
>VHL-V155MITLPVYTL	70	>VHL-V155MITLPMYTL	305	235
>VHL-V155MITLPVYTL	143	>VHL-V155MITLPMYTL	233	90
>VHL-V155MITLPVYTLK	144	>VHL-V155MITLPMYTLK	167	23
>VHL-V155MITLPVYTLKER	394	>VHL-V155MITLPMYTLKEF	220	174
>VHL-V155MITLPVYTL	96	>VHL-V155MITLPMYTL	115	19
>VHL-V155MNITLPVYTLK	194	>VHL-V155MNITLPMYTLK	141	53
>VHL-V155MNITLPVYTLK	45	>VHL-V155MNITLPMYTLK	53	8
>VHL-V155MNITLPVYTLK	24	>VHL-V155MNITLPMYTLK	22	2
>VHL-V155MNITLPVYTL	70	>VHL-V155MNITLPMYTL	36	34
>VHL-V155MNITLPVYTL	700	>VHL-V155MNITLPMYTL	355	345
>VHL-V155MANITLPVYTL	411	>VHL-V155MANITLPMYTL	367	44
>VHL-V155MANITLPVYTLK	232	>VHL-V155MANITLPMYTLK	164	68
>VHL-V155MANITLPVY	253	>VHL-V155MANITLPMY	365	112
>VHL-V155MANITLPVY	682	>VHL-V155MANITLPMY	165	517
>VHL-V155MANITLPVY	453	>VHL-V155MANITLPMY	470	17
>VHL-V155MANITLPVY	481	>VHL-V155MANITLPMY	732	251
>VHL-V155MFANITLPV	1507	>VHL-V155MFANITLPM	140	1367
>VHL-V155MFANITLPVYTL	351	>VHL-V155MFANITLPMYT	365	14
>VHL-V155MFANITLPV	136	>VHL-V155MFANITLPM	3646	3510
>VHL-V155MFANITLPV	82	>VHL-V155MFANITLPM	764	682
>VHL-V155MFANITLPVYTL	156	>VHL-V155MFANITLPMYT	125	31
>VHL-V155MFANITLPV	19	>VHL-V155MFANITLPM	1670	1651
>VHL-V155MFANITLPVYT	585	>VHL-V155MFANITLPMYT	256	329
>VHL-V155MFANITLPVYTL	482	>VHL-V155MFANITLPMYT	552	70
>VHL-V155MFANITLPV	12	>VHL-V155MFANITLPM	455	443
>VHL-V155MFANITLPVYT	292	>VHL-V155MFANITLPMYT	137	155
>VHL-V155MFANITLPVYTL	203	>VHL-V155MFANITLPMYT	141	62
>VHL-V155MFANITLPV	31	>VHL-V155MFANITLPM	3644	3613

>VHL-V155M FANITLPVYTL	87	>VHL-V155M FANITLPMYT	156	69
>VHL-V155M FANITLPV	114	>VHL-V155M FANITLPM	11221	11107
>VHL-V155M FANITLPV	25	>VHL-V155M FANITLPM	11602	11577
>VHL-V155M FANITLPVYTL	407	>VHL-V155M FANITLPMYT	666	259
>VHL-V155M FANITLPVY	243	>VHL-V155M FANITLPMY	63	180
>VHL-V155M FANITLPVY	71	>VHL-V155M FANITLPMY	74	3
>VHL-V155M FANITLPV	96	>VHL-V155M FANITLPM	2587	2491
>VHL-V155M FANITLPVYTL	644	>VHL-V155M FANITLPMYT	436	208
>VHL-V155M FANITLPV	24	>VHL-V155M FANITLPM	283	259
>VHL-V155M FANITLPVYTL	413	>VHL-V155M FANITLPMYT	207	206
>VHL-V155M FANITLPV	4738	>VHL-V155M FANITLPM	402	4336
>VHL-V155M FANITLPVY	114	>VHL-V155M FANITLPMY	372	258
>VHL-V155M FANITLPV	1516	>VHL-V155M FANITLPM	376	1140
>VHL-V155M FANITLPVY	170	>VHL-V155M FANITLPMY	299	129
>VHL-V155M FANITLPV	2746	>VHL-V155M FANITLPM	58	2688
>VHL-V155M FANITLPVY	14	>VHL-V155M FANITLPMY	14	0
>VHL-V155M FANITLPVYTL	63	>VHL-V155M FANITLPMYT	38	25
>VHL-V155M FANITLPV	1143	>VHL-V155M FANITLPM	22	1121
>VHL-V155M FANITLPVY	26	>VHL-V155M FANITLPMY	47	21
>VHL-V155M FANITLPVYTL	278	>VHL-V155M FANITLPMYT	444	166
>VHL-V155M FANITLPV	939	>VHL-V155M FANITLPM	205	734
>VHL-V155M FANITLPVY	375	>VHL-V155M FANITLPMY	3264	2889
>VHL-V155M FANITLPV	2571	>VHL-V155M FANITLPM	409	2162
>VHL-V155M FANITLPVY	134	>VHL-V155M FANITLPMY	99	35
>VHL-V155M FANITLPVYTL	160	>VHL-V155M FANITLPMYT	254	94
>VHL-V155M FANITLPV	89	>VHL-V155M FANITLPM	5467	5378
>VHL-V155M FANITLPV	11224	>VHL-V155M FANITLPM	472	10752
>VHL-V155M FANITLPVY	103	>VHL-V155M FANITLPMY	352	249
>VHL-V155M FANITLPVYTL	310	>VHL-V155M FANITLPMYT	231	79
>VHL-V155M FANITLPVY	582	>VHL-V155M FANITLPMY	316	266
>VHL-V155M IFANITLPV	35	>VHL-V155M IFANITLPM	523	488
>VHL-V155M IFANITLPV	478	>VHL-V155M IFANITLPM	92	386
>VHL-V155M IFANITLPVY	52	>VHL-V155M IFANITLPMY	43	9
>VHL-V155M IFANITLPVY	87	>VHL-V155M IFANITLPMY	46	41
>VHL-V155M IFANITLPVY	137	>VHL-V155M IFANITLPMY	91	46
>VHL-V155M IFANITLPV	9871	>VHL-V155M IFANITLPM	153	9718
>VHL-V155M PIFANITLPV	393	>VHL-V155M PIFANITLPM	1556	1163
>VHL-V155M PIFANITLPV	79	>VHL-V155M PIFANITLPM	1541	1462
>VHL-V155M PIFANITLPV	21	>VHL-V155M PIFANITLPM	2511	2490
>VHL-V155M PIFANITLPV	76	>VHL-V155M PIFANITLPM	12171	12095
>VHL-V155M PIFANITLPV	25	>VHL-V155M PIFANITLPM	9404	9379
>VHL-V155M PIFANITLPVY	135	>VHL-V155M PIFANITLPMY	47	88
>VHL-V155M PIFANITLPVY	195	>VHL-V155M PIFANITLPMY	201	6

>VHL-V155M PIFANITLPV	218	>VHL-V155M PIFANITLPM	3375	3157
>VHL-V165D·VVRSLVKPEN	228	>VHL-V165D·DVRSLVKPEN	28	200
>VHL-V165D·VVRSLVKPEN	905	>VHL-V165D·DVRSLVKPEN	57	848
>VHL-V165D·VVRSLVKPEN	427	>VHL-V165D·DVRSLVKPEN	1920	1493
>VHL-V165D·VVRSLVKPEN	141	>VHL-V165D·DVRSLVKPEN	4604	4463
>VHL-V165D·VVRSLVKPEN	83	>VHL-V165D·DVRSLVKPEN	4217	4134
>VHL-V165D·VVRSLVKPEN	126	>VHL-V165D·DVRSLVKPEN	1717	1591
>VHL-V165D·QVVRSLVK	358	>VHL-V165D·QDVRSLVK	16964	16606
>VHL-V165D·QVVRSLVK	70	>VHL-V165D·QDVRSLVK	16556	16486
>VHL-V165D·QVVRSLVK	136	>VHL-V165D·QDVRSLVK	13229	13093
>VHL-V165D·QVVRSLVK	208	>VHL-V165D·QDVRSLVK	12624	12416
>VHL-V165D·LQVVRSLV	147	>VHL-V165D·LQDVRSLV	1500	1353
>VHL-V165D·LQVVRSLV	14	>VHL-V165D·LQDVRSLV	24	10
>VHL-V165D·LQVVRSLVK	514	>VHL-V165D·LQDVRSLVK	445	69
>VHL-V165D·LQVVRSLV	214	>VHL-V165D·LQDVRSLV	4147	3933
>VHL-V165D·CLQVVRSLV	2917	>VHL-V165D·CLQDVRSLV	168	2749
>VHL-V165D·CLQVVRSL	1434	>VHL-V165D·CLQDVRSL	282	1152
>VHL-V165D·CLQVVRSLV	517	>VHL-V165D·CLQDVRSLV	79	438
>VHL-V165D·CLQVVRSL	1441	>VHL-V165D·CLQDVRSL	334	1107
>VHL-V165D·CLQVVRSLV	325	>VHL-V165D·CLQDVRSLV	29	296
>VHL-V165D·CLQVVRSL	888	>VHL-V165D·CLQDVRSL	152	736
>VHL-V165D·CLQVVRSLV	456	>VHL-V165D·CLQDVRSLV	30	426
>VHL-V165D·CLQVVRSL	1543	>VHL-V165D·CLQDVRSL	295	1248
>VHL-V165D·CLQVVRSLV	920	>VHL-V165D·CLQDVRSLV	140	780
>VHL-V165D·CLQVVRSLV	1170	>VHL-V165D·CLQDVRSLV	169	1001
>VHL-V165D·CLQVVRSLV	1839	>VHL-V165D·CLQDVRSLV	226	1613
>VHL-V165D·CLQVVRSL	274	>VHL-V165D·CLQDVRSL	18	256
>VHL-V165D·CLQVVRSLV	16	>VHL-V165D·CLQDVRSLV	3	13
>VHL-V165D·CLQVVRSLVK	97	>VHL-V165D·CLQDVRSLVK	44	53
>VHL-V165D·CLQVVRSLVK	305	>VHL-V165D·CLQDVRSLVK	166	139
>VHL-V165D·RCLQVVRSLV	392	>VHL-V165D·RCLQDVRSLV	874	482
>VHL-V165D·RCLQVVRSLV	67	>VHL-V165D·RCLQDVRSLV	216	149
>VHL-V165D·RCLQVVRSL	90	>VHL-V165D·RCLQDVRSL	507	417
>VHL-V165D·ERCLQVVRSL	233	>VHL-V165D·ERCLQDVRSL	801	568
>VHL-V165D·ERCLQVVRSL	432	>VHL-V165D·ERCLQDVRSL	1621	1189
>VHL-V165D·ERCLQVVR	491	>VHL-V165D·ERCLQDVR	1508	1017
>VHL-V165D·KERCLQVV	67	>VHL-V165D·KERCLQDV	459	392
>VHL-V165D·KERCLQVVR	367	>VHL-V165D·KERCLQDVR	3374	3007
>VHL-V165D·KERCLQVVRS	291	>VHL-V165D·KERCLQDVRS	647	356
>VHL-V165D·KERCLQVV	80	>VHL-V165D·KERCLQDV	159	79
>VHL-V165D·KERCLQVVRS	27	>VHL-V165D·KERCLQDVRS	35	8
>VHL-V165D·KERCLQVV	148	>VHL-V165D·KERCLQDV	550	402
>VHL-V165D·KERCLQVVRS	39	>VHL-V165D·KERCLQDVRS	56	17



>VHL-V165D·TLKERCLQV	403	>VHL-V165D·TLKERCLQD	24607	24204
>VHL-V165D·TLKERCLQV	328	>VHL-V165D·TLKERCLQD	27978	27650
>VHL-V165D·TLKERCLQV	7	>VHL-V165D·TLKERCLQD	17433	17426
>VHL-V165D·TLKERCLQVV	50	>VHL-V165D·TLKERCLQDV	74	24
>VHL-V165D·TLKERCLQV	186	>VHL-V165D·TLKERCLQD	27854	27668
>VHL-V165D·TLKERCLQVV	141	>VHL-V165D·TLKERCLQDV	515	374
>VHL-V165D·TLKERCLQVV	109	>VHL-V165D·TLKERCLQDV	356	247
>VHL-V165D·TLKERCLQV	308	>VHL-V165D·TLKERCLQD	25324	25016
>VHL-V165D·TLKERCLQVV	369	>VHL-V165D·TLKERCLQDV	576	207
>VHL-V165D·TLKERCLQV	3	>VHL-V165D·TLKERCLQD	19159	19156
>VHL-V165D·TLKERCLQVV	4	>VHL-V165D·TLKERCLQDV	4	0
>VHL-V165D·TLKERCLQVV	58	>VHL-V165D·TLKERCLQDV	265	207
>VHL-V165D·TLKERCLQVV	96	>VHL-V165D·TLKERCLQDV	246	150
>VHL-V165D·TLKERCLQVV	211	>VHL-V165D·TLKERCLQDV	330	119
>VHL-V165D·TLKERCLQV	84	>VHL-V165D·TLKERCLQD	6248	6164
>VHL-V165D·TLKERCLQVV	436	>VHL-V165D·TLKERCLQDV	1513	1077
>VHL-V165D·YTLKERCLQV	93	>VHL-V165D·YTLKERCLQD	24030	23937
>VHL-V165D·YTLKERCLQV'	308	>VHL-V165D·YTLKERCLQD'	569	261
>VHL-V165D·YTLKERCLQV	127	>VHL-V165D·YTLKERCLQD	23942	23815
>VHL-V165D·YTLKERCLQV	39	>VHL-V165D·YTLKERCLQD	14112	14073
>VHL-V165D·YTLKERCLQV'	83	>VHL-V165D·YTLKERCLQD'	197	114
>VHL-V165D·YTLKERCLQV	32	>VHL-V165D·YTLKERCLQD	23436	23404
>VHL-V165D·YTLKERCLQV'	28	>VHL-V165D·YTLKERCLQD'	106	78
>VHL-V165D·YTLKERCLQV'	95	>VHL-V165D·YTLKERCLQD'	234	139
>VHL-V165D·YTLKERCLQV	31	>VHL-V165D·YTLKERCLQD	21758	21727
>VHL-V165D·YTLKERCLQV'	40	>VHL-V165D·YTLKERCLQD'	59	19
>VHL-V165D·YTLKERCLQV'	416	>VHL-V165D·YTLKERCLQD'	1567	1151
>VHL-V165D·YTLKERCLQV	19	>VHL-V165D·YTLKERCLQD	32571	32552
>VHL-V165D·YTLKERCLQV'	21	>VHL-V165D·YTLKERCLQD'	24	3
>VHL-V165D·YTLKERCLQV	14	>VHL-V165D·YTLKERCLQD	16155	16141
>VHL-V165D·YTLKERCLQV'	53	>VHL-V165D·YTLKERCLQD'	95	42
>VHL-V165D·YTLKERCLQV	211	>VHL-V165D·YTLKERCLQD	8245	8034
>VHL-V165D·YTLKERCLQV'	130	>VHL-V165D·YTLKERCLQD'	974	844
>VHL-V165I-1 VVRSLVKPEN	228	>VHL-V165I-1 IVRSLVKPEN\	320	92
>VHL-V165I-1 VVRSLVKPEN	427	>VHL-V165I-1 IVRSLVKPEN\	287	140
>VHL-V165I-1 VVRSLVKPEN	141	>VHL-V165I-1 IVRSLVKPEN\	243	102
>VHL-V165I-1 VVRSLVKPEN	538	>VHL-V165I-1 IVRSLVKPEN\	428	110
>VHL-V165I-1 VVRSLVKPEN	579	>VHL-V165I-1 IVRSLVKPEN\	259	320
>VHL-V165I-1 VVRSLVKPEN	83	>VHL-V165I-1 IVRSLVKPEN\	48	35
>VHL-V165I-1 VVRSLVKPEN	126	>VHL-V165I-1 IVRSLVKPEN\	74	52
>VHL-V165I-1 QVVRSLVK	358	>VHL-V165I-1 QIVRSLVK	311	47
>VHL-V165I-1 QVVRSLVK	70	>VHL-V165I-1 QIVRSLVK	119	49
>VHL-V165I-1 QVVRSLVK	136	>VHL-V165I-1 QIVRSLVK	473	337

>VHL-V165I-1 QVVRSLVK	208	>VHL-V165I-1 QIVRSLVK	559	351
>VHL-V165I-1 VYTLKERCLQ'	3034	>VHL-V165I-1 VYTLKERCLQ'	438	2596
>VHL-V165I-1 VYTLKERCLQ'	2124	>VHL-V165I-1 VYTLKERCLQ'	120	2004
>VHL-V165I-1 LQVVRSLV	559	>VHL-V165I-1 LQIVRSLV	418	141
>VHL-V165I-1 LQVVRSLV	147	>VHL-V165I-1 LQIVRSLV	76	71
>VHL-V165I-1 LQVVRSLV	14	>VHL-V165I-1 LQIVRSLV	10	4
>VHL-V165I-1 LQVVRSLVK	514	>VHL-V165I-1 LQIVRSLVK	175	339
>VHL-V165I-1 LQVVRSLV	214	>VHL-V165I-1 LQIVRSLV	145	69
>VHL-V165I-1 LQVVRSLVK	509	>VHL-V165I-1 LQIVRSLVK	351	158
>VHL-V165I-1 CLQVVRSLV	325	>VHL-V165I-1 CLQIVRSLV	281	44
>VHL-V165I-1 CLQVVRSLV	456	>VHL-V165I-1 CLQIVRSLV	171	285
>VHL-V165I-1 CLQVVRSL	274	>VHL-V165I-1 CLQIVRSL	175	99
>VHL-V165I-1 CLQVVRSLV	16	>VHL-V165I-1 CLQIVRSLV	13	3
>VHL-V165I-1 CLQVVRSLVK	97	>VHL-V165I-1 CLQIVRSLVK	74	23
>VHL-V165I-1 CLQVVRSLVK	305	>VHL-V165I-1 CLQIVRSLVK	225	80
>VHL-V165I-1 RCLQVVRSLV	392	>VHL-V165I-1 RCLQIVRSLV	706	314
>VHL-V165I-1 RCLQVVRSLV	67	>VHL-V165I-1 RCLQIVRSLV†	62	5
>VHL-V165I-1 RCLQVVRSL	90	>VHL-V165I-1 RCLQIVRSL	43	47
>VHL-V165I-1 RCLQVVRSLV	619	>VHL-V165I-1 RCLQIVRSLV†	289	330
>VHL-V165I-1 ERCLQVVRSL	233	>VHL-V165I-1 ERCLQIVRSL	133	100
>VHL-V165I-1 ERCLQVVRSL	432	>VHL-V165I-1 ERCLQIVRSL	291	141
>VHL-V165I-1 ERCLQVVR	491	>VHL-V165I-1 ERCLQIVR	487	4
>VHL-V165I-1 KERCLQVV	67	>VHL-V165I-1 KERCLQIV	57	10
>VHL-V165I-1 KERCLQVVR	367	>VHL-V165I-1 KERCLQIVR	725	358
>VHL-V165I-1 KERCLQVVRS	291	>VHL-V165I-1 KERCLQIVRSI	410	119
>VHL-V165I-1 KERCLQVV	80	>VHL-V165I-1 KERCLQIV	100	20
>VHL-V165I-1 KERCLQVVRS	27	>VHL-V165I-1 KERCLQIVRSI	22	5
>VHL-V165I-1 KERCLQVV	148	>VHL-V165I-1 KERCLQIV	281	133
>VHL-V165I-1 KERCLQVVRS	39	>VHL-V165I-1 KERCLQIVRSI	40	1
>VHL-V165I-1 TLKERCLQV	403	>VHL-V165I-1 TLKERCLQI	1843	1440
>VHL-V165I-1 TLKERCLQV	328	>VHL-V165I-1 TLKERCLQI	1377	1049
>VHL-V165I-1 TLKERCLQV	7	>VHL-V165I-1 TLKERCLQI	28	21
>VHL-V165I-1 TLKERCLQVV	50	>VHL-V165I-1 TLKERCLQIV	51	1
>VHL-V165I-1 TLKERCLQV	186	>VHL-V165I-1 TLKERCLQI	2231	2045
>VHL-V165I-1 TLKERCLQVV	141	>VHL-V165I-1 TLKERCLQIV	367	226
>VHL-V165I-1 TLKERCLQVV	109	>VHL-V165I-1 TLKERCLQIV	131	22
>VHL-V165I-1 TLKERCLQV	308	>VHL-V165I-1 TLKERCLQI	6011	5703
>VHL-V165I-1 TLKERCLQVV	369	>VHL-V165I-1 TLKERCLQIV	463	94
>VHL-V165I-1 TLKERCLQV	3	>VHL-V165I-1 TLKERCLQI	53	50
>VHL-V165I-1 TLKERCLQVV	4	>VHL-V165I-1 TLKERCLQIV	5	1
>VHL-V165I-1 TLKERCLQVV	58	>VHL-V165I-1 TLKERCLQIVF	84	26
>VHL-V165I-1 TLKERCLQVV	96	>VHL-V165I-1 TLKERCLQIVF	101	5
>VHL-V165I-1 TLKERCLQVV	211	>VHL-V165I-1 TLKERCLQIVF	265	54

>VHL-V165I-1 TLKERCLQV	84	>VHL-V165I-1 TLKERCLQI	60	24
>VHL-V165I-1 TLKERCLQVV	436	>VHL-V165I-1 TLKERCLQIVF	498	62
>VHL-V165I-1 YTLKERCLQV	93	>VHL-V165I-1 YTLKERCLQI	559	466
>VHL-V165I-1 YTLKERCLQV'	308	>VHL-V165I-1 YTLKERCLQIV	312	4
>VHL-V165I-1 YTLKERCLQV	127	>VHL-V165I-1 YTLKERCLQI	457	330
>VHL-V165I-1 YTLKERCLQV	39	>VHL-V165I-1 YTLKERCLQI	96	57
>VHL-V165I-1 YTLKERCLQV'	83	>VHL-V165I-1 YTLKERCLQIV	93	10
>VHL-V165I-1 YTLKERCLQV	32	>VHL-V165I-1 YTLKERCLQI	410	378
>VHL-V165I-1 YTLKERCLQV'	28	>VHL-V165I-1 YTLKERCLQIV	68	40
>VHL-V165I-1 YTLKERCLQV'	95	>VHL-V165I-1 YTLKERCLQIV	113	18
>VHL-V165I-1 YTLKERCLQV	31	>VHL-V165I-1 YTLKERCLQI	1040	1009
>VHL-V165I-1 YTLKERCLQV'	40	>VHL-V165I-1 YTLKERCLQIV	47	7
>VHL-V165I-1 YTLKERCLQV'	416	>VHL-V165I-1 YTLKERCLQIV	720	304
>VHL-V165I-1 YTLKERCLQV	19	>VHL-V165I-1 YTLKERCLQI	2073	2054
>VHL-V165I-1 YTLKERCLQV'	21	>VHL-V165I-1 YTLKERCLQIV	27	6
>VHL-V165I-1 YTLKERCLQV	14	>VHL-V165I-1 YTLKERCLQI	80	66
>VHL-V165I-1 YTLKERCLQV'	53	>VHL-V165I-1 YTLKERCLQIV	57	4
>VHL-V165I-1 YTLKERCLQV	211	>VHL-V165I-1 YTLKERCLQI	38	173
>VHL-V165I-1 YTLKERCLQV'	130	>VHL-V165I-1 YTLKERCLQIV	141	11
>VHL-V166D·VRSLVKPENY	310	>VHL-V166D·DRSLVKPENY	1684	1374
>VHL-V166D·VVRSLVKPEN	228	>VHL-V166D·VDRSLVKPEN	21193	20965
>VHL-V166D·VVRSLVKPEN	427	>VHL-V166D·VDRSLVKPEN	8213	7786
>VHL-V166D·VVRSLVKPEN	141	>VHL-V166D·VDRSLVKPEN	7353	7212
>VHL-V166D·VVRSLVKPEN	83	>VHL-V166D·VDRSLVKPEN	11766	11683
>VHL-V166D·VVRSLVKPEN	126	>VHL-V166D·VDRSLVKPEN	1121	995
>VHL-V166D·YTLKERCLQV'	308	>VHL-V166D·YTLKERCLQV	23461	23153
>VHL-V166D·YTLKERCLQV'	83	>VHL-V166D·YTLKERCLQV	23569	23486
>VHL-V166D·YTLKERCLQV'	28	>VHL-V166D·YTLKERCLQV	22950	22922
>VHL-V166D·YTLKERCLQV'	95	>VHL-V166D·YTLKERCLQV	22607	22512
>VHL-V166D·YTLKERCLQV'	40	>VHL-V166D·YTLKERCLQV	23463	23423
>VHL-V166D·YTLKERCLQV'	416	>VHL-V166D·YTLKERCLQV	25822	25406
>VHL-V166D·YTLKERCLQV'	21	>VHL-V166D·YTLKERCLQV	32284	32263
>VHL-V166D·YTLKERCLQV'	53	>VHL-V166D·YTLKERCLQV	19877	19824
>VHL-V166D·YTLKERCLQV'	130	>VHL-V166D·YTLKERCLQV	3797	3667
>VHL-V166D·QVVRSLVK	358	>VHL-V166D·QVDRSLVK	622	264
>VHL-V166D·QVVRSLVK	70	>VHL-V166D·QVDRSLVK	78	8
>VHL-V166D·QVVRSLVK	136	>VHL-V166D·QVDRSLVK	3511	3375
>VHL-V166D·QVVRSLVK	208	>VHL-V166D·QVDRSLVK	1873	1665
>VHL-V166D·LQVVRSLV	3147	>VHL-V166D·LQVDRSLV	467	2680
>VHL-V166D·LQVVRSLV	559	>VHL-V166D·LQVDRSLV	166	393
>VHL-V166D·LQVVRSLV	147	>VHL-V166D·LQVDRSLV	35	112
>VHL-V166D·LQVVRSLV	14	>VHL-V166D·LQVDRSLV	13	1
>VHL-V166D·LQVVRSLV	1871	>VHL-V166D·LQVDRSLV	82	1789

>VHL-V166D·LQVVRSLVK	514	>VHL-V166D·LQVDRSLVK	296	218
>VHL-V166D·LQVVRSLV	214	>VHL-V166D·LQVDRSLV	287	73
>VHL-V166D·CLQVVRSLV	325	>VHL-V166D·CLQVDRSLV	550	225
>VHL-V166D·CLQVVRSLV	456	>VHL-V166D·CLQVDRSLV	1758	1302
>VHL-V166D·CLQVVRSL	274	>VHL-V166D·CLQVDRSL	398	124
>VHL-V166D·CLQVVRSLV	16	>VHL-V166D·CLQVDRSLV	16	0
>VHL-V166D·CLQVVRSLVK	97	>VHL-V166D·CLQVDRSLVK	358	261
>VHL-V166D·CLQVVRSLVK	305	>VHL-V166D·CLQVDRSLVK	382	77
>VHL-V166D·RCLQVVRSLV	392	>VHL-V166D·RCLQVDRSLV	2187	1795
>VHL-V166D·RCLQVVRSLV	67	>VHL-V166D·RCLQVDRSLV	153	86
>VHL-V166D·RCLQVVRSL	90	>VHL-V166D·RCLQVDRSL	393	303
>VHL-V166D·ERCLQVVRSL	233	>VHL-V166D·ERCLQVDRSL	232	1
>VHL-V166D·ERCLQVVRSL	432	>VHL-V166D·ERCLQVDRSL	478	46
>VHL-V166D·ERCLQVVR	491	>VHL-V166D·ERCLQVDR	1349	858
>VHL-V166D·KERCLQVV	67	>VHL-V166D·KERCLQVD	4610	4543
>VHL-V166D·KERCLQVVR	367	>VHL-V166D·KERCLQVDR	2201	1834
>VHL-V166D·KERCLQVVRS	291	>VHL-V166D·KERCLQVDRS	834	543
>VHL-V166D·KERCLQVV	80	>VHL-V166D·KERCLQVD	2239	2159
>VHL-V166D·KERCLQVVRS	27	>VHL-V166D·KERCLQVDRS	40	13
>VHL-V166D·KERCLQVV	148	>VHL-V166D·KERCLQVD	5048	4900
>VHL-V166D·KERCLQVVRS	39	>VHL-V166D·KERCLQVDRS	120	81
>VHL-V166D·TLKERCLQVV	50	>VHL-V166D·TLKERCLQVD	16933	16883
>VHL-V166D·TLKERCLQVV	141	>VHL-V166D·TLKERCLQVD	26703	26562
>VHL-V166D·TLKERCLQVV	109	>VHL-V166D·TLKERCLQVD	26707	26598
>VHL-V166D·TLKERCLQVV	369	>VHL-V166D·TLKERCLQVD	25802	25433
>VHL-V166D·TLKERCLQVV	4	>VHL-V166D·TLKERCLQVD	18138	18134
>VHL-V166D·TLKERCLQVV	58	>VHL-V166D·TLKERCLQVD	211	153
>VHL-V166D·TLKERCLQVV	96	>VHL-V166D·TLKERCLQVD	119	23
>VHL-V166D·TLKERCLQVV	211	>VHL-V166D·TLKERCLQVD	414	203
>VHL-V166D·TLKERCLQVV	436	>VHL-V166D·TLKERCLQVD	798	362
>VHL-V166F·VRSLVKPENY	846	>VHL-V166F·FRSLVKPENY	465	381
>VHL-V166F·VRSLVKPENY	3567	>VHL-V166F·FRSLVKPENY	408	3159
>VHL-V166F·VRSLVKPENY	930	>VHL-V166F·FRSLVKPENY	394	536
>VHL-V166F·VRSLVKPENY	310	>VHL-V166F·FRSLVKPENY	171	139
>VHL-V166F·VVRSLVKPEN	228	>VHL-V166F·VFRSLVKPEN	8211	7983
>VHL-V166F·VVRSLVKPEN	427	>VHL-V166F·VFRSLVKPEN	146	281
>VHL-V166F·VVRSLVKPEN	141	>VHL-V166F·VFRSLVKPEN	809	668
>VHL-V166F·VVRSLVKPEN	83	>VHL-V166F·VFRSLVKPEN	15741	15658
>VHL-V166F·VVRSLVKPEN	126	>VHL-V166F·VFRSLVKPEN	901	775
>VHL-V166F·YTLKERCLQV'	308	>VHL-V166F·YTLKERCLQV	18905	18597
>VHL-V166F·YTLKERCLQV'	83	>VHL-V166F·YTLKERCLQV	2049	1966
>VHL-V166F·YTLKERCLQV'	28	>VHL-V166F·YTLKERCLQV	11361	11333
>VHL-V166F·YTLKERCLQV'	95	>VHL-V166F·YTLKERCLQV	16154	16059

>VHL-V166F-YTLKERCLQV'	40	>VHL-V166F-YTLKERCLQV'	18533	18493
>VHL-V166F-YTLKERCLQV'	416	>VHL-V166F-YTLKERCLQV'	18795	18379
>VHL-V166F-YTLKERCLQV'	21	>VHL-V166F-YTLKERCLQV'	24350	24329
>VHL-V166F-YTLKERCLQV'	14682	>VHL-V166F-YTLKERCLQV'	482	14200
>VHL-V166F-YTLKERCLQV'	10037	>VHL-V166F-YTLKERCLQV'	54	9983
>VHL-V166F-YTLKERCLQV'	4094	>VHL-V166F-YTLKERCLQV'	85	4009
>VHL-V166F-YTLKERCLQV'	53	>VHL-V166F-YTLKERCLQV'	13439	13386
>VHL-V166F-YTLKERCLQV'	8709	>VHL-V166F-YTLKERCLQV'	193	8516
>VHL-V166F-YTLKERCLQV'	803	>VHL-V166F-YTLKERCLQV'	17	786
>VHL-V166F-YTLKERCLQV'	973	>VHL-V166F-YTLKERCLQV'	6	967
>VHL-V166F-YTLKERCLQV'	15081	>VHL-V166F-YTLKERCLQV'	419	14662
>VHL-V166F-YTLKERCLQV'	13497	>VHL-V166F-YTLKERCLQV'	255	13242
>VHL-V166F-YTLKERCLQV'	130	>VHL-V166F-YTLKERCLQV'	12	118
>VHL-V166F-QVVRSLVK	358	>VHL-V166F-QVFRSLVK	49	309
>VHL-V166F-QVVRSLVK	70	>VHL-V166F-QVFRSLVK	19	51
>VHL-V166F-QVVRSLVK	136	>VHL-V166F-QVFRSLVK	16	120
>VHL-V166F-QVVRSLVK	208	>VHL-V166F-QVFRSLVK	36	172
>VHL-V166F-QVVRSLVK	1598	>VHL-V166F-QVFRSLVK	415	1183
>VHL-V166F-LQVVRSLV	559	>VHL-V166F-LQVFRSLV	208	351
>VHL-V166F-LQVVRSLV	147	>VHL-V166F-LQVFRSLV	52	95
>VHL-V166F-LQVVRSLV	14	>VHL-V166F-LQVFRSLV	15	1
>VHL-V166F-LQVVRSLVK	660	>VHL-V166F-LQVFRSLVK	301	359
>VHL-V166F-LQVVRSLVK	514	>VHL-V166F-LQVFRSLVK	200	314
>VHL-V166F-LQVVRSLV	214	>VHL-V166F-LQVFRSLV	220	6
>VHL-V166F-CLQVVRSLV	517	>VHL-V166F-CLQVFRSLV	351	166
>VHL-V166F-CLQVVRSLV	325	>VHL-V166F-CLQVFRSLV	333	8
>VHL-V166F-CLQVVRSLV	456	>VHL-V166F-CLQVFRSLV	603	147
>VHL-V166F-CLQVVRSL	274	>VHL-V166F-CLQVFRSL	236	38
>VHL-V166F-CLQVVRSLV	16	>VHL-V166F-CLQVFRSLV	11	5
>VHL-V166F-CLQVVRSLVK	97	>VHL-V166F-CLQVFRSLVK	70	27
>VHL-V166F-CLQVVRSLVK	305	>VHL-V166F-CLQVFRSLVK	148	157
>VHL-V166F-CLQVVRSL	2306	>VHL-V166F-CLQVFRSL	492	1814
>VHL-V166F-CLQVVRSLVK	1142	>VHL-V166F-CLQVFRSLVK	354	788
>VHL-V166F-RCLQVVRSLV	392	>VHL-V166F-RCLQVFRSLV	836	444
>VHL-V166F-RCLQVVRSLV	67	>VHL-V166F-RCLQVFRSLV	56	11
>VHL-V166F-RCLQVVRSL	90	>VHL-V166F-RCLQVFRSL	180	90
>VHL-V166F-RCLQVVRSL	1026	>VHL-V166F-RCLQVFRSL	395	631
>VHL-V166F-RCLQVVRSLV	619	>VHL-V166F-RCLQVFRSLV	299	320
>VHL-V166F-ERCLQVVR	1477	>VHL-V166F-ERCLQVFR	213	1264
>VHL-V166F-ERCLQVVRSL	233	>VHL-V166F-ERCLQVFRSL	168	65
>VHL-V166F-ERCLQVVRSL	432	>VHL-V166F-ERCLQVFRSL	222	210
>VHL-V166F-ERCLQVVR	491	>VHL-V166F-ERCLQVFR	165	326
>VHL-V166F-KERCLQVV	67	>VHL-V166F-KERCLQVF	390	323

>VHL-V166F- KERCLQVVR	367	>VHL-V166F- KERCLQVFR	41	326
>VHL-V166F- KERCLQVV	9655	>VHL-V166F- KERCLQVF	222	9433
>VHL-V166F- KERCLQVV	722	>VHL-V166F- KERCLQVF	15	707
>VHL-V166F- KERCLQVVRS	291	>VHL-V166F- KERCLQVFRS	268	23
>VHL-V166F- KERCLQVV	5664	>VHL-V166F- KERCLQVF	192	5472
>VHL-V166F- KERCLQVVRS	595	>VHL-V166F- KERCLQVFRS	315	280
>VHL-V166F- KERCLQVV	80	>VHL-V166F- KERCLQVF	80	0
>VHL-V166F- KERCLQVVRS	27	>VHL-V166F- KERCLQVFRS	21	6
>VHL-V166F- KERCLQVV	4251	>VHL-V166F- KERCLQVF	309	3942
>VHL-V166F- KERCLQVV	148	>VHL-V166F- KERCLQVF	3666	3518
>VHL-V166F- KERCLQVVRS	39	>VHL-V166F- KERCLQVFRS	43	4
>VHL-V166F- LKERCLQVV	714	>VHL-V166F- LKERCLQVF	29	685
>VHL-V166F- TLKERCLQVV	50	>VHL-V166F- TLKERCLQVF	11856	11806
>VHL-V166F- TLKERCLQVV	141	>VHL-V166F- TLKERCLQVF	17711	17570
>VHL-V166F- TLKERCLQVV	109	>VHL-V166F- TLKERCLQVF	20242	20133
>VHL-V166F- TLKERCLQVV	369	>VHL-V166F- TLKERCLQVF	23021	22652
>VHL-V166F- TLKERCLQVV	4	>VHL-V166F- TLKERCLQVF	7128	7124
>VHL-V166F- TLKERCLQVV	1741	>VHL-V166F- TLKERCLQVFI	332	1409
>VHL-V166F- TLKERCLQVV	58	>VHL-V166F- TLKERCLQVFI	22	36
>VHL-V166F- TLKERCLQVV	96	>VHL-V166F- TLKERCLQVFI	21	75
>VHL-V166F- TLKERCLQVV	211	>VHL-V166F- TLKERCLQVFI	42	169
>VHL-V166F- TLKERCLQVV	4655	>VHL-V166F- TLKERCLQVF	73	4582
>VHL-V166F- TLKERCLQVV	6784	>VHL-V166F- TLKERCLQVF	216	6568
>VHL-V166F- TLKERCLQVV	436	>VHL-V166F- TLKERCLQVFI	189	247
>VHL-V166G- VRSLVKPENY	310	>VHL-V166G- GRSLVKPENY	75	235
>VHL-V166G- VVRSVLKPEN	228	>VHL-V166G- VGRSLVKPEN	22554	22326
>VHL-V166G- VVRSVLKPEN	427	>VHL-V166G- VGRSLVKPEN	6690	6263
>VHL-V166G- VVRSVLKPEN	141	>VHL-V166G- VGRSLVKPEN	5121	4980
>VHL-V166G- VVRSVLKPEN	83	>VHL-V166G- VGRSLVKPEN	557	474
>VHL-V166G- VVRSVLKPEN	126	>VHL-V166G- VGRSLVKPEN	401	275
>VHL-V166G- YTLKERCLQV'	308	>VHL-V166G- YTLKERCLQV'	21779	21471
>VHL-V166G- YTLKERCLQV'	83	>VHL-V166G- YTLKERCLQV'	13746	13663
>VHL-V166G- YTLKERCLQV'	28	>VHL-V166G- YTLKERCLQV'	15795	15767
>VHL-V166G- YTLKERCLQV'	95	>VHL-V166G- YTLKERCLQV'	17685	17590
>VHL-V166G- YTLKERCLQV'	40	>VHL-V166G- YTLKERCLQV'	19129	19089
>VHL-V166G- YTLKERCLQV'	416	>VHL-V166G- YTLKERCLQV'	23723	23307
>VHL-V166G- YTLKERCLQV'	21	>VHL-V166G- YTLKERCLQV'	28786	28765
>VHL-V166G- YTLKERCLQV'	53	>VHL-V166G- YTLKERCLQV'	16772	16719
>VHL-V166G- YTLKERCLQV'	130	>VHL-V166G- YTLKERCLQV'	2081	1951
>VHL-V166G- QVVRSLVK	358	>VHL-V166G- QVGRSLVK	305	53
>VHL-V166G- QVVRSLVK	70	>VHL-V166G- QVGRSLVK	90	20
>VHL-V166G- QVVRSLVK	136	>VHL-V166G- QVGRSLVK	380	244
>VHL-V166G- QVVRSLVK	208	>VHL-V166G- QVGRSLVK	1504	1296

>VHL-V166G·LQVVRSLV	559	>VHL-V166G·LQVGRSLV	249	310
>VHL-V166G·LQVVRSLV	147	>VHL-V166G·LQVGRSLV	60	87
>VHL-V166G·LQVVRSLV	14	>VHL-V166G·LQVGRSLV	12	2
>VHL-V166G·LQVVRSLV	1871	>VHL-V166G·LQVGRSLV	157	1714
>VHL-V166G·LQVVRSLVK	660	>VHL-V166G·LQVGRSLVK	417	243
>VHL-V166G·LQVVRSLVK	514	>VHL-V166G·LQVGRSLVK	425	89
>VHL-V166G·LQVVRSLV	214	>VHL-V166G·LQVGRSLV	621	407
>VHL-V166G·CLQVVRSLV	325	>VHL-V166G·CLQVGRSLV	283	42
>VHL-V166G·CLQVVRSLV	456	>VHL-V166G·CLQVGRSLV	1169	713
>VHL-V166G·CLQVVRSL	274	>VHL-V166G·CLQVGRSL	235	39
>VHL-V166G·CLQVVRSLV	16	>VHL-V166G·CLQVGRSLV	10	6
>VHL-V166G·CLQVVRSLVK	97	>VHL-V166G·CLQVGRSLVK	94	3
>VHL-V166G·CLQVVRSLVK	305	>VHL-V166G·CLQVGRSLVK	300	5
>VHL-V166G·RCLQVVRSLV	392	>VHL-V166G·RCLQVGRSLV	1106	714
>VHL-V166G·RCLQVVRSLV	67	>VHL-V166G·RCLQVGRSLV	90	23
>VHL-V166G·RCLQVVRSL	90	>VHL-V166G·RCLQVGRSL	512	422
>VHL-V166G·RCLQVVRSL	1026	>VHL-V166G·RCLQVGRSL	416	610
>VHL-V166G·ERCLQVVRSL	233	>VHL-V166G·ERCLQVGRSL	220	13
>VHL-V166G·ERCLQVVRSL	432	>VHL-V166G·ERCLQVGRSL	461	29
>VHL-V166G·ERCLQVVR	491	>VHL-V166G·ERCLQVGR	596	105
>VHL-V166G·KERCLQVV	67	>VHL-V166G·KERCLQVG	4430	4363
>VHL-V166G·KERCLQVVR	367	>VHL-V166G·KERCLQVGR	695	328
>VHL-V166G·KERCLQVVRS	291	>VHL-V166G·KERCLQVGRS	341	50
>VHL-V166G·KERCLQVVRS	595	>VHL-V166G·KERCLQVGRS	383	212
>VHL-V166G·KERCLQVV	80	>VHL-V166G·KERCLQVG	3211	3131
>VHL-V166G·KERCLQVVRS	27	>VHL-V166G·KERCLQVGRS	32	5
>VHL-V166G·KERCLQVV	148	>VHL-V166G·KERCLQVG	3105	2957
>VHL-V166G·KERCLQVVRS	39	>VHL-V166G·KERCLQVGRS	85	46
>VHL-V166G·TLKERCLQVV	50	>VHL-V166G·TLKERCLQVG	13608	13558
>VHL-V166G·TLKERCLQVV	141	>VHL-V166G·TLKERCLQVG	22104	21963
>VHL-V166G·TLKERCLQVV	109	>VHL-V166G·TLKERCLQVG	22865	22756
>VHL-V166G·TLKERCLQVV	369	>VHL-V166G·TLKERCLQVG	24443	24074
>VHL-V166G·TLKERCLQVV	4	>VHL-V166G·TLKERCLQVG	12702	12698
>VHL-V166G·TLKERCLQVV	58	>VHL-V166G·TLKERCLQVG	85	27
>VHL-V166G·TLKERCLQVV	96	>VHL-V166G·TLKERCLQVG	86	10
>VHL-V166G·TLKERCLQVV	211	>VHL-V166G·TLKERCLQVG	207	4
>VHL-V166G·TLKERCLQVV	436	>VHL-V166G·TLKERCLQVG	404	32
>VHL-V166I-1 VRSLVKPENY	310	>VHL-V166I-1 VIRSLVKPENY	138	172
>VHL-V166I-1 VVRSLVKPEN	228	>VHL-V166I-1 VIRSLVKPEN\	883	655
>VHL-V166I-1 VVRSLVKPEN	427	>VHL-V166I-1 VIRSLVKPEN\	838	411
>VHL-V166I-1 VVRSLVKPEN	141	>VHL-V166I-1 VIRSLVKPEN\	375	234
>VHL-V166I-1 VVRSLVKPEN	579	>VHL-V166I-1 VIRSLVKPEN\	414	165
>VHL-V166I-1 VVRSLVKPEN	83	>VHL-V166I-1 VIRSLVKPEN\	372	289

>VHL-V166I-1 VVRSLVKPEN	126	>VHL-V166I-1 VIRSLVKPEN\	473	347
>VHL-V166I-1 YTLKERCLQV'	308	>VHL-V166I-1 YTLKERCLQV	1540	1232
>VHL-V166I-1 YTLKERCLQV'	83	>VHL-V166I-1 YTLKERCLQV	341	258
>VHL-V166I-1 YTLKERCLQV'	28	>VHL-V166I-1 YTLKERCLQV	356	328
>VHL-V166I-1 YTLKERCLQV'	95	>VHL-V166I-1 YTLKERCLQV	964	869
>VHL-V166I-1 YTLKERCLQV'	40	>VHL-V166I-1 YTLKERCLQV	1270	1230
>VHL-V166I-1 YTLKERCLQV'	416	>VHL-V166I-1 YTLKERCLQV	4020	3604
>VHL-V166I-1 YTLKERCLQV'	21	>VHL-V166I-1 YTLKERCLQV	2311	2290
>VHL-V166I-1 YTLKERCLQV'	53	>VHL-V166I-1 YTLKERCLQV	475	422
>VHL-V166I-1 YTLKERCLQV'	973	>VHL-V166I-1 YTLKERCLQV	164	809
>VHL-V166I-1 YTLKERCLQV'	130	>VHL-V166I-1 YTLKERCLQV	98	32
>VHL-V166I-1 YTLKERCLQV'	5091	>VHL-V166I-1 YTLKERCLQV	59	5032
>VHL-V166I-1 QVVRSLVK	358	>VHL-V166I-1 QVIRSLVK	282	76
>VHL-V166I-1 QVVRSLVK	70	>VHL-V166I-1 QVIRSLVK	31	39
>VHL-V166I-1 QVVRSLVK	136	>VHL-V166I-1 QVIRSLVK	79	57
>VHL-V166I-1 QVVRSLVK	208	>VHL-V166I-1 QVIRSLVK	118	90
>VHL-V166I-1 LQVVRSLV	559	>VHL-V166I-1 LQVIRSLV	391	168
>VHL-V166I-1 LQVVRSLV	147	>VHL-V166I-1 LQVIRSLV	117	30
>VHL-V166I-1 LQVVRSLV	14	>VHL-V166I-1 LQVIRSLV	16	2
>VHL-V166I-1 LQVVRSLV	214	>VHL-V166I-1 LQVIRSLV	375	161
>VHL-V166I-1 CLQVVRSLV	517	>VHL-V166I-1 CLQVIRSLV	189	328
>VHL-V166I-1 CLQVVRSLV	325	>VHL-V166I-1 CLQVIRSLV	284	41
>VHL-V166I-1 CLQVVRSLV	456	>VHL-V166I-1 CLQVIRSLV	1180	724
>VHL-V166I-1 CLQVVRSL	274	>VHL-V166I-1 CLQVIRSL	155	119
>VHL-V166I-1 CLQVVRSLV	16	>VHL-V166I-1 CLQVIRSLV	15	1
>VHL-V166I-1 CLQVVRSLVK	97	>VHL-V166I-1 CLQVIRSLVK	137	40
>VHL-V166I-1 CLQVVRSLVK	305	>VHL-V166I-1 CLQVIRSLVK	308	3
>VHL-V166I-1 RCLQVVRSLV	392	>VHL-V166I-1 RCLQVIRSLV	398	6
>VHL-V166I-1 RCLQVVRSLV	67	>VHL-V166I-1 RCLQVIRSLV†	66	1
>VHL-V166I-1 RCLQVVRSL	90	>VHL-V166I-1 RCLQVIRSL	202	112
>VHL-V166I-1 RCLQVVRSLV	619	>VHL-V166I-1 RCLQVIRSLV†	439	180
>VHL-V166I-1 ERCLQVVRSL	233	>VHL-V166I-1 ERCLQVIRSL	225	8
>VHL-V166I-1 ERCLQVVRSL	432	>VHL-V166I-1 ERCLQVIRSL	370	62
>VHL-V166I-1 ERCLQVVR	491	>VHL-V166I-1 ERCLQVIR	515	24
>VHL-V166I-1 KERCLQVV	67	>VHL-V166I-1 KERCLQVI	22	45
>VHL-V166I-1 KERCLQVVR	367	>VHL-V166I-1 KERCLQVIR	438	71
>VHL-V166I-1 KERCLQVVRS	291	>VHL-V166I-1 KERCLQVIRSL	369	78
>VHL-V166I-1 KERCLQVVRS	595	>VHL-V166I-1 KERCLQVIRSL	490	105
>VHL-V166I-1 KERCLQVV	80	>VHL-V166I-1 KERCLQVI	60	20
>VHL-V166I-1 KERCLQVVRS	27	>VHL-V166I-1 KERCLQVIRSL	27	0
>VHL-V166I-1 KERCLQVV	148	>VHL-V166I-1 KERCLQVI	646	498
>VHL-V166I-1 KERCLQVV	1999	>VHL-V166I-1 KERCLQVI	340	1659
>VHL-V166I-1 KERCLQVVRS	39	>VHL-V166I-1 KERCLQVIRSL	34	5



>VHL-V166I-1 TLKERCLQVV	50	>VHL-V166I-1 TLKERCLQVI	165	115
>VHL-V166I-1 TLKERCLQVV	141	>VHL-V166I-1 TLKERCLQVI	1632	1491
>VHL-V166I-1 TLKERCLQVV	109	>VHL-V166I-1 TLKERCLQVI	1032	923
>VHL-V166I-1 TLKERCLQVV	369	>VHL-V166I-1 TLKERCLQVI	6718	6349
>VHL-V166I-1 TLKERCLQVV	4	>VHL-V166I-1 TLKERCLQVI	77	73
>VHL-V166I-1 TLKERCLQVV	58	>VHL-V166I-1 TLKERCLQVIF	68	10
>VHL-V166I-1 TLKERCLQVV	96	>VHL-V166I-1 TLKERCLQVIF	129	33
>VHL-V166I-1 TLKERCLQVV	211	>VHL-V166I-1 TLKERCLQVIF	226	15
>VHL-V166I-1 TLKERCLQVV	436	>VHL-V166I-1 TLKERCLQVIF	494	58
>VHL-V170D·LVKPENYR	23	>VHL-V170D·LDKPENYR	2660	2637
>VHL-V170D·LVKPENYRR	35	>VHL-V170D·LDKPENYRR	3176	3141
>VHL-V170D·LVKPENYR	159	>VHL-V170D·LDKPENYR	11022	10863
>VHL-V170D·LVKPENYRR	302	>VHL-V170D·LDKPENYRR	13852	13550
>VHL-V170D·LVKPENYR	60	>VHL-V170D·LDKPENYR	5031	4971
>VHL-V170D·LVKPENYRR	122	>VHL-V170D·LDKPENYRR	7392	7270
>VHL-V170D·LVKPENYR	287	>VHL-V170D·LDKPENYR	1806	1519
>VHL-V170D·SLVKPENYRR	409	>VHL-V170D·SLDKPENYRR	821	412
>VHL-V170D·SLVKPENYRR	44	>VHL-V170D·SLDKPENYRR	18	26
>VHL-V170D·SLVKPENYRR	647	>VHL-V170D·SLDKPENYRR	270	377
>VHL-V170D·SLVKPENYRR	394	>VHL-V170D·SLDKPENYRR	78	316
>VHL-V170D·SLVKPENYRR	26	>VHL-V170D·SLDKPENYRR	38	12
>VHL-V170D·SLVKPENY	281	>VHL-V170D·SLDKPENY	16454	16173
>VHL-V170D·SLVKPENY	434	>VHL-V170D·SLDKPENY	2528	2094
>VHL-V170D·SLVKPENYR	177	>VHL-V170D·SLDKPENYR	1320	1143
>VHL-V170D·SLVKPENYRR	103	>VHL-V170D·SLDKPENYRR	388	285
>VHL-V170D·SLVKPENYR	133	>VHL-V170D·SLDKPENYR	793	660
>VHL-V170D·SLVKPENYRR	142	>VHL-V170D·SLDKPENYRR	1574	1432
>VHL-V170D·SLVKPENY	96	>VHL-V170D·SLDKPENY	108	12
>VHL-V170D·SLVKPENY	218	>VHL-V170D·SLDKPENY	636	418
>VHL-V170D·SLVKPENY	1611	>VHL-V170D·SLDKPENY	282	1329
>VHL-V170D·SLVKPENYRR	85	>VHL-V170D·SLDKPENYRR	441	356
>VHL-V170D·RSLVKPENYR	782	>VHL-V170D·RSLDKPENYR	482	300
>VHL-V170D·RSLVKPENYR	40	>VHL-V170D·RSLDKPENYR	34	6
>VHL-V170D·RSLVKPENYR	12	>VHL-V170D·RSLDKPENYR	17	5
>VHL-V170D·RSLVKPENY	860	>VHL-V170D·RSLDKPENY	457	403
>VHL-V170D·RSLVKPENYR	542	>VHL-V170D·RSLDKPENYR	439	103
>VHL-V170D·RSLVKPENY	242	>VHL-V170D·RSLDKPENY	283	41
>VHL-V170D·RSLVKPENY	185	>VHL-V170D·RSLDKPENY	314	129
>VHL-V170D·RSLVKPENY	3	>VHL-V170D·RSLDKPENY	4	1
>VHL-V170D·RSLVKPENY	56	>VHL-V170D·RSLDKPENY	126	70
>VHL-V170D·RSLVKPENY	520	>VHL-V170D·RSLDKPENY	325	195
>VHL-V170D·RSLVKPENYR	355	>VHL-V170D·RSLDKPENYR	510	155
>VHL-V170D·RSLVKPENYR	124	>VHL-V170D·RSLDKPENYR	51	73

>VHL-V170D·RSLVKPENYR	148	>VHL-V170D·RSLDKPENYR	60	88
>VHL-V170D·VRSLVKPENY	310	>VHL-V170D·VRSLDKPENY	421	111
>VHL-V170D·VVRSLVKPEN	228	>VHL-V170D·VVRSLDKPEN	635	407
>VHL-V170D·VVRSLVKPEN	427	>VHL-V170D·VVRSLDKPEN	287	140
>VHL-V170D·VVRSLVKPEN	141	>VHL-V170D·VVRSLDKPEN	265	124
>VHL-V170D·VVRSLVKPEN	83	>VHL-V170D·VVRSLDKPEN	114	31
>VHL-V170D·VVRSLVKPEN	126	>VHL-V170D·VVRSLDKPEN	160	34
>VHL-V170D·QVVRSLVK	358	>VHL-V170D·QVVRSLDK	880	522
>VHL-V170D·QVVRSLVK	70	>VHL-V170D·QVVRSLDK	168	98
>VHL-V170D·QVVRSLVK	136	>VHL-V170D·QVVRSLDK	839	703
>VHL-V170D·QVVRSLVK	208	>VHL-V170D·QVVRSLDK	345	137
>VHL-V170D·LQVVRSLV	147	>VHL-V170D·LQVVRSLD	22282	22135
>VHL-V170D·LQVVRSLV	14	>VHL-V170D·LQVVRSLD	17513	17499
>VHL-V170D·LQVVRSLV	214	>VHL-V170D·LQVVRSLD	11213	10999
>VHL-V170D·CLQVVRSLV	325	>VHL-V170D·CLQVVRSLD	20940	20615
>VHL-V170D·CLQVVRSLV	456	>VHL-V170D·CLQVVRSLD	30125	29669
>VHL-V170D·CLQVVRSLV	16	>VHL-V170D·CLQVVRSLD	30471	30455
>VHL-V170D·CLQVVRSLVK	97	>VHL-V170D·CLQVVRSLDK	139	42
>VHL-V170D·CLQVVRSLVK	305	>VHL-V170D·CLQVVRSLDK	414	109
>VHL-V170D·RCLQVVRSLV	392	>VHL-V170D·RCLQVVRSLD	29203	28811
>VHL-V170D·RCLQVVRSLV	67	>VHL-V170D·RCLQVVRSLD	213	146
>VHL-V74A-v VIFCNRSPRV	646	>VHL-V74A-r AIFCNRSPRV	296	350
>VHL-V74A-v VIFCNRSPRV'	72	>VHL-V74A-r AIFCNRSPRV'	49	23
>VHL-V74A-v VIFCNRSPRV	7	>VHL-V74A-r AIFCNRSPRV	10	3
>VHL-V74A-v VIFCNRSPRV'	15	>VHL-V74A-r AIFCNRSPRV'	20	5
>VHL-V74A-v VIFCNRSPRV	86	>VHL-V74A-r AIFCNRSPRV	96	10
>VHL-V74A-v VIFCNRSPRV'	191	>VHL-V74A-r AIFCNRSPRV'	213	22
>VHL-V74A-v VIFCNRSPRV	70	>VHL-V74A-r AIFCNRSPRV	65	5
>VHL-V74A-v VIFCNRSPRV	400	>VHL-V74A-r AIFCNRSPRV	952	552
>VHL-V74A-v VIFCNRSPRV	7	>VHL-V74A-r AIFCNRSPRV	7	0
>VHL-V74A-v VIFCNRSPRV'	59	>VHL-V74A-r AIFCNRSPRV'	54	5
>VHL-V74A-v VIFCNRSPR	427	>VHL-V74A-r AIFCNRSPR	400	27
>VHL-V74A-v VIFCNRSPR	113	>VHL-V74A-r AIFCNRSPR	63	50
>VHL-V74A-v VIFCNRSPR	2323	>VHL-V74A-r AIFCNRSPR	352	1971
>VHL-V74A-v VIFCNRSPR	23	>VHL-V74A-r AIFCNRSPR	14	9
>VHL-V74A-v VIFCNRSPR	93	>VHL-V74A-r AIFCNRSPR	293	200
>VHL-V74A-v VIFCNRSPR	24	>VHL-V74A-r AIFCNRSPR	26	2
>VHL-V74A-v VIFCNRSPRV	508	>VHL-V74A-r AIFCNRSPRV	434	74
>VHL-V74A-v VIFCNRSPR	689	>VHL-V74A-r AIFCNRSPR	425	264
>VHL-V74A-v VIFCNRSPRV'	360	>VHL-V74A-r AIFCNRSPRV'	210	150
>VHL-V74A-v QVIFCNRSPR	214	>VHL-V74A-r QAIFCNRSPR	1060	846
>VHL-V74A-v QVIFCNRSPR	305	>VHL-V74A-r QAIFCNRSPR	1423	1118
>VHL-V74A-v QVIFCNRSPR	381	>VHL-V74A-r QAIFCNRSPR	1260	879

>VHL-V74A-v QVIFCNRSPR	11	>VHL-V74A-r QAIFCNRSPR	16	5
>VHL-V74A-v QVIFCNRSPR	114	>VHL-V74A-r QAIFCNRSPR	218	104
>VHL-V74A-v QVIFCNRSPR	6	>VHL-V74A-r QAIFCNRSPR	7	1
>VHL-V74A-v QVIFCNRSPR	36	>VHL-V74A-r QAIFCNRSPR	127	91
>VHL-V74A-v QVIFCNRSPR	178	>VHL-V74A-r QAIFCNRSPR	482	304
>VHL-V74A-v QVIFCNRSPR	175	>VHL-V74A-r QAIFCNRSPR	293	118
>VHL-V74A-v RSVNSREPSQ	225	>VHL-V74A-r RSVNSREPSQ	1187	962
>VHL-V74A-v RSVNSREPSQ	22	>VHL-V74A-r RSVNSREPSQ	366	344
>VHL-V74A-v RSVNSREPSQ	136	>VHL-V74A-r RSVNSREPSQ	938	802
>VHL-V74A-v SQVIFCNR	54	>VHL-V74A-r SQAIFCNR	53	1
>VHL-V74A-v SQVIFCNRSP	47	>VHL-V74A-r SQAIFCNRSP	44	3
>VHL-V74A-v SQVIFCNR	423	>VHL-V74A-r SQAIFCNR	221	202
>VHL-V74A-v SQVIFCNRSP	436	>VHL-V74A-r SQAIFCNRSP	239	197
>VHL-V74A-v SQVIFCNRSP	301	>VHL-V74A-r SQAIFCNRSP	345	44
>VHL-V74A-v SQVIFCNR	569	>VHL-V74A-r SQAIFCNR	368	201
>VHL-V74A-v SQVIFCNR	74	>VHL-V74A-r SQAIFCNR	100	26
>VHL-V74A-v SQVIFCNRSP	150	>VHL-V74A-r SQAIFCNRSP	195	45
>VHL-V74A-v PSQVIFCNR	125	>VHL-V74A-r PSQAIFCNR	125	0
>VHL-V74A-v PSQVIFCNR	362	>VHL-V74A-r PSQAIFCNR	515	153
>VHL-V74A-v EPSQVIFCNR	355	>VHL-V74A-r EPSQAIFCNR	454	99
>VHL-V74A-v EPSQVIFCNR	388	>VHL-V74A-r EPSQAIFCNR	1054	666
>VHL-V74A-v EPSQVIFCNR	91	>VHL-V74A-r EPSQAIFCNR	153	62
>VHL-V74A-v EPSQVIFCNR	213	>VHL-V74A-r EPSQAIFCNR	148	65
>VHL-V74A-v REPSQVIF	56	>VHL-V74A-r REPSQAIF	112	56
>VHL-V74A-v REPSQVIFCN	43	>VHL-V74A-r REPSQAIFCN	39	4
>VHL-V74A-v SREPSQVIF	78	>VHL-V74A-r SREPSQAIF	174	96
>VHL-V74A-v SREPSQVIF	185	>VHL-V74A-r SREPSQAIF	248	63
>VHL-V74A-v NSREPSQVI	839	>VHL-V74A-r NSREPSQAI	463	376
>VHL-V74A-v NSREPSQVIF	527	>VHL-V74A-r NSREPSQAIF	363	164
>VHL-V74A-v NSREPSQVI	546	>VHL-V74A-r NSREPSQAI	409	137
>VHL-V74A-v NSREPSQVIF	13	>VHL-V74A-r NSREPSQAIF	8	5
>VHL-V74A-v NSREPSQVIF	127	>VHL-V74A-r NSREPSQAIF	178	51
>VHL-V74A-v NSREPSQVI	134	>VHL-V74A-r NSREPSQAI	210	76
>VHL-V74A-v VNSREPSQVI	101	>VHL-V74A-r VNSREPSQAI	188	87
>VHL-V74A-v SVNSREPSQV	190	>VHL-V74A-r SVNSREPSQAI	1401	1211
>VHL-V74A-v SVNSREPSQV	126	>VHL-V74A-r SVNSREPSQAI	4962	4836
>VHL-V74A-v SVNSREPSQV	165	>VHL-V74A-r SVNSREPSQAI	6475	6310
>VHL-V74A-v SVNSREPSQV	25	>VHL-V74A-r SVNSREPSQAI	2215	2190
>VHL-V74A-v SVNSREPSQV	955	>VHL-V74A-r SVNSREPSQAI	369	586
>VHL-V74D-v VIFCNRSPRV	72	>VHL-V74D-r DIFCNRSPRV	4022	3950
>VHL-V74D-v VIFCNRSPRV	7	>VHL-V74D-r DIFCNRSPRV	296	289
>VHL-V74D-v VIFCNRSPRV	15	>VHL-V74D-r DIFCNRSPRV	820	805
>VHL-V74D-v VIFCNRSPRV	86	>VHL-V74D-r DIFCNRSPRV	2355	2269

>VHL-V74D-v VIFCNRSPRV'	191	>VHL-V74D-r DIFCNRSPRV'	4701	4510
>VHL-V74D-v VIFCNRSPRV	70	>VHL-V74D-r DIFCNRSPRV	924	854
>VHL-V74D-v VIFCNRSPRV	400	>VHL-V74D-r DIFCNRSPRV	3009	2609
>VHL-V74D-v VIFCNRSPRV	7	>VHL-V74D-r DIFCNRSPRV	197	190
>VHL-V74D-v VIFCNRSPRV'	59	>VHL-V74D-r DIFCNRSPRV'	2593	2534
>VHL-V74D-v VIFCNRSPR	427	>VHL-V74D-r DIFCNRSPR	11432	11005
>VHL-V74D-v VIFCNRSPR	113	>VHL-V74D-r DIFCNRSPR	6277	6164
>VHL-V74D-v VIFCNRSPR	23	>VHL-V74D-r DIFCNRSPR	267	244
>VHL-V74D-v VIFCNRSPR	93	>VHL-V74D-r DIFCNRSPR	13	80
>VHL-V74D-v VIFCNRSPR	24	>VHL-V74D-r DIFCNRSPR	5	19
>VHL-V74D-v VIFCNRSPRV'	548	>VHL-V74D-r DIFCNRSPRV'	83	465
>VHL-V74D-v VIFCNRSPRV	508	>VHL-V74D-r DIFCNRSPRV	27	481
>VHL-V74D-v VIFCNRSPRV'	4061	>VHL-V74D-r DIFCNRSPRV'	434	3627
>VHL-V74D-v VIFCNRSPRV'	360	>VHL-V74D-r DIFCNRSPRV'	4327	3967
>VHL-V74D-v QVIFCNRSPR	214	>VHL-V74D-r QDIFCNRSPR	9624	9410
>VHL-V74D-v QVIFCNRSPR	305	>VHL-V74D-r QDIFCNRSPR	17213	16908
>VHL-V74D-v QVIFCNRSPR	381	>VHL-V74D-r QDIFCNRSPR	23738	23357
>VHL-V74D-v QVIFCNRSPR	11	>VHL-V74D-r QDIFCNRSPR	254	243
>VHL-V74D-v QVIFCNRSPR	114	>VHL-V74D-r QDIFCNRSPR	1540	1426
>VHL-V74D-v QVIFCNRSPR	6	>VHL-V74D-r QDIFCNRSPR	2057	2051
>VHL-V74D-v QVIFCNRSPR	36	>VHL-V74D-r QDIFCNRSPR	6720	6684
>VHL-V74D-v QVIFCNRSPR	178	>VHL-V74D-r QDIFCNRSPR	13461	13283
>VHL-V74D-v QVIFCNRSPR	175	>VHL-V74D-r QDIFCNRSPR	820	645
>VHL-V74D-v RSVNSREPSQ	225	>VHL-V74D-r RSVNSREPSQ	11165	10940
>VHL-V74D-v RSVNSREPSQ	22	>VHL-V74D-r RSVNSREPSQ	2647	2625
>VHL-V74D-v RSVNSREPSQ	136	>VHL-V74D-r RSVNSREPSQ	4304	4168
>VHL-V74D-v SQVIFCNR	54	>VHL-V74D-r SQDIFCNR	306	252
>VHL-V74D-v SQVIFCNRSP	47	>VHL-V74D-r SQDIFCNRSP	254	207
>VHL-V74D-v SQVIFCNR	423	>VHL-V74D-r SQDIFCNR	2863	2440
>VHL-V74D-v SQVIFCNRSP	436	>VHL-V74D-r SQDIFCNRSP	2840	2404
>VHL-V74D-v SQVIFCNRSP	301	>VHL-V74D-r SQDIFCNRSP	5934	5633
>VHL-V74D-v SQVIFCNR	74	>VHL-V74D-r SQDIFCNR	266	192
>VHL-V74D-v SQVIFCNRSP	150	>VHL-V74D-r SQDIFCNRSP	676	526
>VHL-V74D-v PSQVIFCNR	125	>VHL-V74D-r PSQDIFCNR	248	123
>VHL-V74D-v PSQVIFCNR	362	>VHL-V74D-r PSQDIFCNR	310	52
>VHL-V74D-v EPSQVIFCNR	355	>VHL-V74D-r EPSQDIFCNR	1276	921
>VHL-V74D-v EPSQVIFCNR	388	>VHL-V74D-r EPSQDIFCNR	1504	1116
>VHL-V74D-v EPSQVIFCNR	91	>VHL-V74D-r EPSQDIFCNR	350	259
>VHL-V74D-v EPSQVIFCNR	213	>VHL-V74D-r EPSQDIFCNR	195	18
>VHL-V74D-v REPSQVIF	56	>VHL-V74D-r REPSQDIF	482	426
>VHL-V74D-v REPSQVIFCN	43	>VHL-V74D-r REPSQDIFCN	37	6
>VHL-V74D-v SREPSQVIF	78	>VHL-V74D-r SREPSQDIF	470	392
>VHL-V74D-v SREPSQVIF	185	>VHL-V74D-r SREPSQDIF	566	381

>VHL-V74D-v NSREPSQVIF	13	>VHL-V74D-r NSREPSQDIF	39	26
>VHL-V74D-v NSREPSQVIF	127	>VHL-V74D-r NSREPSQDIF	1085	958
>VHL-V74D-v NSREPSQVI	134	>VHL-V74D-r NSREPSQDI	608	474
>VHL-V74D-v VNSREPSQVI	101	>VHL-V74D-r VNSREPSQDI	481	380
>VHL-V74D-v SVNSREPSQV	190	>VHL-V74D-r SVNSREPSQD	25660	25470
>VHL-V74D-v SVNSREPSQV	126	>VHL-V74D-r SVNSREPSQD	28235	28109
>VHL-V74D-v SVNSREPSQV	165	>VHL-V74D-r SVNSREPSQD	25298	25133
>VHL-V74D-v SVNSREPSQV	25	>VHL-V74D-r SVNSREPSQD	31637	31612
>VHL-V83I-w VVLPVWLN	443	>VHL-V83I-m IVLPVWLN	545	102
>VHL-V83I-w VVLPVWLN	261	>VHL-V83I-m IVLPVWLN	155	106
>VHL-V83I-w VVLPVWLN	42	>VHL-V83I-m IVLPVWLN	40	2
>VHL-V83I-w VVLPVWLN	449	>VHL-V83I-m IVLPVWLN	245	204
>VHL-V83I-w VVLPVWLN	190	>VHL-V83I-m IVLPVWLN	275	85
>VHL-V83I-w VVLPVWLN	70	>VHL-V83I-m IVLPVWLN	49	21
>VHL-V83I-w VVLPVWLN	461	>VHL-V83I-m IVLPVWLN	219	242
>VHL-V83I-w VVLPVWLN	20	>VHL-V83I-m IVLPVWLN	13	7
>VHL-V83I-w VVLPVWLN	63	>VHL-V83I-m IVLPVWLN	34	29
>VHL-V83I-w VVLPVWLN	399	>VHL-V83I-m IVLPVWLN	211	188
>VHL-V83I-w RVVLPVWL	415	>VHL-V83I-m RIVLPVWL	477	62
>VHL-V83I-w RVVLPVWL	1138	>VHL-V83I-m RIVLPVWL	366	772
>VHL-V83I-w RVVLPVWLN	182	>VHL-V83I-m RIVLPVWLN	682	500
>VHL-V83I-w RVVLPVWL	351	>VHL-V83I-m RIVLPVWL	431	80
>VHL-V83I-w RVVLPVWLN	202	>VHL-V83I-m RIVLPVWLN	250	48
>VHL-V83I-w RVVLPVWL	89	>VHL-V83I-m RIVLPVWL	421	332
>VHL-V83I-w RVVLPVWLN	9	>VHL-V83I-m RIVLPVWLN	25	16
>VHL-V83I-w RVVLPVWLN	56	>VHL-V83I-m RIVLPVWLN	101	45
>VHL-V83I-w RVVLPVWLN	230	>VHL-V83I-m RIVLPVWLN	308	78
>VHL-V83I-w RVVLPVWLN	320	>VHL-V83I-m RIVLPVWLN	284	36
>VHL-V83I-w QVIFCNRSPR	214	>VHL-V83I-m QVIFCNRSPR	1566	1352
>VHL-V83I-w QVIFCNRSPR	36	>VHL-V83I-m QVIFCNRSPR	133	97
>VHL-V83I-w QVIFCNRSPR	178	>VHL-V83I-m QVIFCNRSPR	1111	933
>VHL-V83I-w PRVLPVWLI	364	>VHL-V83I-m PRIVLPVWLN	293	71
>VHL-V83I-w PRVLPVWL	738	>VHL-V83I-m PRIVLPVWL	371	367
>VHL-V83I-w PRVLPVWL	89	>VHL-V83I-m PRIVLPVWL	47	42
>VHL-V83I-w PRVLPVWLI	385	>VHL-V83I-m PRIVLPVWLN	185	200
>VHL-V83I-w SPRVLPV	21	>VHL-V83I-m SPRIVLPV	21	0
>VHL-V83I-w SPRVLPVW	189	>VHL-V83I-m SPRIVLPVW	205	16
>VHL-V83I-w SPRVLPVWI	61	>VHL-V83I-m SPRIVLPVWL	79	18
>VHL-V83I-w SPRVLPVW	318	>VHL-V83I-m SPRIVLPVW	273	45
>VHL-V83I-w SPRVLPV	251	>VHL-V83I-m SPRIVLPV	225	26
>VHL-V83I-w SPRVLPVW	42	>VHL-V83I-m SPRIVLPVW	69	27
>VHL-V83I-w RSPRVLPV	488	>VHL-V83I-m RSPRIVLPV	563	75
>VHL-V83I-w RSPRVLPV	301	>VHL-V83I-m RSPRIVLPV	262	39

>VHL-V83I-w RSPRVVLPV	130	>VHL-V83I-m RSPRIVLPV	87	43
>VHL-V83I-w RSPRVVLPVW	247	>VHL-V83I-m RSPRIVLPVW	166	81
>VHL-V83I-w RSPRVVLPVW	147	>VHL-V83I-m RSPRIVLPVW	100	47
>VHL-V83I-w RSPRVVLPV	594	>VHL-V83I-m RSPRIVLPV	301	293
>VHL-V83I-w RSPRVVLPVW	55	>VHL-V83I-m RSPRIVLPVW	42	13
>VHL-V83I-w RSPRVVLPVW	301	>VHL-V83I-m RSPRIVLPVW	244	57
>VHL-V83I-w RSPRVVLPVW	48	>VHL-V83I-m RSPRIVLPVW	50	2
>VHL-V83I-w RSPRVVLPVW	12	>VHL-V83I-m RSPRIVLPVW	14	2
>VHL-V83I-w RSPRVVLPVW	39	>VHL-V83I-m RSPRIVLPVW	31	8
>VHL-V83I-w RSPRVVLPVW	4	>VHL-V83I-m RSPRIVLPVW	4	0
>VHL-V83I-w RSPRVVLPVW	493	>VHL-V83I-m RSPRIVLPVW	445	48
>VHL-V83I-w RSPRVVLPVW	345	>VHL-V83I-m RSPRIVLPVW	338	7
>VHL-V83I-w NRSPRVVL	22	>VHL-V83I-m NRSPRIVL	28	6
>VHL-V83I-w NRSPRVVLPV	265	>VHL-V83I-m NRSPRIVLPV	390	125
>VHL-V83I-w FCNRSPRV	252	>VHL-V83I-m FCNRSPRI	2781	2529
>VHL-V83I-w FCNRSPRV	107	>VHL-V83I-m FCNRSPRI	7486	7379
>VHL-V83I-w VIFCNRSPRV	72	>VHL-V83I-m VIFCNRSPRIV	64	8
>VHL-V83I-w VIFCNRSPRV	7	>VHL-V83I-m VIFCNRSPRI	62	55
>VHL-V83I-w VIFCNRSPRV	15	>VHL-V83I-m VIFCNRSPRIV	36	21
>VHL-V83I-w VIFCNRSPRV	86	>VHL-V83I-m VIFCNRSPRI	765	679
>VHL-V83I-w VIFCNRSPRV	191	>VHL-V83I-m VIFCNRSPRIV	234	43
>VHL-V83I-w VIFCNRSPRV	70	>VHL-V83I-m VIFCNRSPRI	1233	1163
>VHL-V83I-w VIFCNRSPRV	400	>VHL-V83I-m VIFCNRSPRI	5908	5508
>VHL-V83I-w VIFCNRSPRV	7	>VHL-V83I-m VIFCNRSPRI	364	357
>VHL-V83I-w VIFCNRSPRV	59	>VHL-V83I-m VIFCNRSPRIV	80	21
>VHL-V83I-w VIFCNRSPRV	5742	>VHL-V83I-m VIFCNRSPRI	496	5246
>VHL-V83I-w VIFCNRSPRV	360	>VHL-V83I-m VIFCNRSPRIV	456	96
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>VHL-W117C WLFRDAGT	468	>VHL-W117C CLFRDAGT	6445	5977
>VHL-W117C WLFRDAGT	108	>VHL-W117C CLFRDAGT	1260	1152
>VHL-W117C WLFRDAGT	51	>VHL-W117C CLFRDAGT	556	505
>VHL-W117C LWLFRDAG	90	>VHL-W117C LCLFRDAG	31273	31183
>VHL-W117C RRIHSYRGHL	119	>VHL-W117C RRIHSYRGHL	875	756
>VHL-W117C RRIHSYRGHL	134	>VHL-W117C RRIHSYRGHL	374	240
>VHL-W117C RRIHSYRGHL	96	>VHL-W117C RRIHSYRGHL	97	1
>VHL-W117C RRIHSYRGHL	336	>VHL-W117C RRIHSYRGHL	96	240
>VHL-W117C RRIHSYRGHL	124	>VHL-W117C RRIHSYRGHL	33769	33645
>VHL-W117C HLWLFDA	346	>VHL-W117C HLCLFRDA	2768	2422
>VHL-W117C RGHLWLF	160	>VHL-W117C RGHLCLFR	565	405
>VHL-W117C RGHLWLF	15	>VHL-W117C RGHLCLFR	31	16
>VHL-W117C RGHLWLF	33	>VHL-W117C RGHLCLFR	21	12
>VHL-W117C YRGHLWLF	109	>VHL-W117C YRGHLCLF	75	34
>VHL-W117C YRGHLWLF	75	>VHL-W117C YRGHLCLF	492	417

>VHL-W117C YRGHLWLF	66	>VHL-W117C YRGHLCLFR	712	646
>VHL-W117C YRGHLWLF	44	>VHL-W117C YRGHLCLFR	90	46
>VHL-W117C SYRGHLWLF	32	>VHL-W117C SYRGHLCLF	485	453
>VHL-W117C SYRGHLWLF	24	>VHL-W117C SYRGHLCLF	148	124
>VHL-W117C SYRGHLWL	17	>VHL-W117C SYRGHLCL	149	132
>VHL-W117C SYRGHLWLF	5	>VHL-W117C SYRGHLCLF	10	5
>VHL-W117C SYRGHLWLF	351	>VHL-W117C SYRGHLCLF	1328	977
>VHL-W117C SYRGHLWLF	96	>VHL-W117C SYRGHLCLF	2420	2324
>VHL-W117C SYRGHLWL	38	>VHL-W117C SYRGHLCL	41	3
>VHL-W117C SYRGHLWLF	840	>VHL-W117C SYRGHLCLF	171	669
>VHL-W117C SYRGHLWLF	11	>VHL-W117C SYRGHLCLFR	15	4
>VHL-W117C SYRGHLWLF	7	>VHL-W117C SYRGHLCLFR	10	3
>VHL-W117C SYRGHLWLF	88	>VHL-W117C SYRGHLCLFR	52	36
>VHL-W117C SYRGHLWLF	265	>VHL-W117C SYRGHLCLFR	219	46
>VHL-W117C SYRGHLWLF	396	>VHL-W117C SYRGHLCLFR	1251	855
>VHL-W117C SYRGHLWLF	23	>VHL-W117C SYRGHLCLFR	24	1
>VHL-W117C SYRGHLWL	262	>VHL-W117C SYRGHLCL	206	56
>VHL-W117C SYRGHLWLF	430	>VHL-W117C SYRGHLCLFR	6866	6436
>VHL-W117C SYRGHLWL	420	>VHL-W117C SYRGHLCL	906	486
>VHL-W117C SYRGHLWLF	277	>VHL-W117C SYRGHLCLF	2102	1825
>VHL-W117C HSYRGHLWLI	50	>VHL-W117C HSYRGHLCLF	61	11
>VHL-W117C HSYRGHLWLI	47	>VHL-W117C HSYRGHLCLF	51	4
>VHL-W117C HSYRGHLWLI	376	>VHL-W117C HSYRGHLCLF	3731	3355
>VHL-W117C HSYRGHLWLI	178	>VHL-W117C HSYRGHLCLF	537	359
>VHL-W117C HSYRGHLWL	93	>VHL-W117C HSYRGHLCL	164	71
>VHL-W117C HSYRGHLWLI	27	>VHL-W117C HSYRGHLCLF	106	79
>VHL-W117C HSYRGHLWLI	457	>VHL-W117C HSYRGHLCLF	802	345
>VHL-W117C HSYRGHLWLI	8	>VHL-W117C HSYRGHLCLF	12	4
>VHL-W117C HSYRGHLWLI	293	>VHL-W117C HSYRGHLCLF	515	222
>VHL-W117C HSYRGHLWLI	27	>VHL-W117C HSYRGHLCLF	30	3
>VHL-W117C HSYRGHLWLI	9	>VHL-W117C HSYRGHLCLF	8	1
>VHL-W117C HSYRGHLWLI	623	>VHL-W117C HSYRGHLCLF	140	483
>VHL-W117C HSYRGHLWL	1085	>VHL-W117C HSYRGHLCL	192	893
>VHL-W117C HSYRGHLWLI	36	>VHL-W117C HSYRGHLCLF	29	7
>VHL-W117C HSYRGHLW	4	>VHL-W117C HSYRGHLC	4522	4518
>VHL-W117C HSYRGHLWL	5	>VHL-W117C HSYRGHLCL	18	13
>VHL-W117C HSYRGHLWL	3608	>VHL-W117C HSYRGHLCL	390	3218
>VHL-W117C HSYRGHLW	34	>VHL-W117C HSYRGHLC	11420	11386
>VHL-W117C HSYRGHLWLI	62	>VHL-W117C HSYRGHLCLF	168	106
>VHL-W117C HSYRGHLW	10	>VHL-W117C HSYRGHLC	4064	4054
>VHL-W117C HSYRGHLWL	339	>VHL-W117C HSYRGHLCL	568	229
>VHL-W117C HSYRGHLWLI	19	>VHL-W117C HSYRGHLCLF	26	7
>VHL-W117C HSYRGHLWL	126	>VHL-W117C HSYRGHLCL	1249	1123

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>VHL-W117C HSYRGHLW	137	>VHL-W117C HSYRGHLC	34161	34024
>VHL-W117C HSYRGHLWLI	300	>VHL-W117C HSYRGHLCLF	692	392
>VHL-W117C HSYRGHLWLI	46	>VHL-W117C HSYRGHLCLF	60	14
>VHL-W117C HSYRGHLWL	153	>VHL-W117C HSYRGHLCL	228	75
>VHL-W117C IHSYRGHLWL	131	>VHL-W117C IHSYRGHLCLF	744	613
>VHL-W117C IHSYRGHLWL	1296	>VHL-W117C IHSYRGHLCL	484	812
>VHL-W117C IHSYRGHLWL	91	>VHL-W117C IHSYRGHLCLF	57	34
>VHL-W117C IHSYRGHLWL	2292	>VHL-W117C IHSYRGHLCL	374	1918
>VHL-W117C IHSYRGHLW	25	>VHL-W117C IHSYRGHLC	28243	28218
>VHL-W117C IHSYRGHLWL	402	>VHL-W117C IHSYRGHLCLF	417	15
>VHL-W117C RIHSYRGHLV	414	>VHL-W117C RIHSYRGHLC	2184	1770
>VHL-W117C RIHSYRGHLV	21	>VHL-W117C RIHSYRGHLC	31	10
>VHL-W117C RIHSYRGHLV	117	>VHL-W117C RIHSYRGHLC	22770	22653
>VHL-W117C RIHSYRGHLV	50	>VHL-W117C RIHSYRGHLC	20112	20062
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>VHL-W117C WLFRDAGT	330	>VHL-W117C GLFRDAGT	561	231
>VHL-W117C WLFRDAGT	468	>VHL-W117C GLFRDAGT	3443	2975
>VHL-W117C WLFRDAGT	108	>VHL-W117C GLFRDAGT	287	179
>VHL-W117C WLFRDAGT	51	>VHL-W117C GLFRDAGT	119	68
>VHL-W117C LWLFRDAG	90	>VHL-W117C LGLFRDAG	29564	29474
>VHL-W117C RRIHSYRGHL'	119	>VHL-W117C RRIHSYRGHL'	2670	2551
>VHL-W117C RRIHSYRGHL'	134	>VHL-W117C RRIHSYRGHL'	446	312
>VHL-W117C RRIHSYRGHL'	96	>VHL-W117C RRIHSYRGHL'	228	132
>VHL-W117C RRIHSYRGHL'	336	>VHL-W117C RRIHSYRGHL'	358	22
>VHL-W117C RRIHSYRGHL'	124	>VHL-W117C RRIHSYRGHL'	32099	31975
>VHL-W117C HLWLFRDA	346	>VHL-W117C HLGLFRDA	2001	1655
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>VHL-W117C RGHLWLFR	15	>VHL-W117C RGHLGLFR	43	28
>VHL-W117C RGHLWLFR	33	>VHL-W117C RGHLGLFR	74	41
>VHL-W117C YRGHLWLF	109	>VHL-W117C YRGHLGLF	192	83
>VHL-W117C YRGHLWLF	75	>VHL-W117C YRGHLGLF	189	114
>VHL-W117C YRGHLWLFR	66	>VHL-W117C YRGHLGLFR	161	95
>VHL-W117C YRGHLWLFR	44	>VHL-W117C YRGHLGLFR	144	100
>VHL-W117C SYRGHLWLF	32	>VHL-W117C SYRGHLGLF	388	356
>VHL-W117C SYRGHLWLF	24	>VHL-W117C SYRGHLGLF	198	174
>VHL-W117C SYRGHLWL	17	>VHL-W117C SYRGHLGL	41	24
>VHL-W117C SYRGHLWLF	5	>VHL-W117C SYRGHLGLF	8	3
>VHL-W117C SYRGHLWLF	351	>VHL-W117C SYRGHLGLF	179	172
>VHL-W117C SYRGHLWLF	96	>VHL-W117C SYRGHLGLF	435	339
>VHL-W117C SYRGHLWL	38	>VHL-W117C SYRGHLGL	38	0
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>VHL-W117C SYRGHLWLFF	7	>VHL-W117C SYRGHLGLFR	11	4



>VHL-W117C SYRGHLWLFF	88	>VHL-W117C SYRGHLGLFR	63	25
>VHL-W117C SYRGHLWLFF	265	>VHL-W117C SYRGHLGLFR	630	365
>VHL-W117C SYRGHLWLFF	396	>VHL-W117C SYRGHLGLFR	1971	1575
>VHL-W117C SYRGHLWLFF	23	>VHL-W117C SYRGHLGLFR	44	21
>VHL-W117C SYRGHLWL	262	>VHL-W117C SYRGHLGL	293	31
>VHL-W117C SYRGHLWLFF	430	>VHL-W117C SYRGHLGLFR	7656	7226
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>VHL-W117C HSYRGHLWLI	50	>VHL-W117C HSYRGHLGLF	56	6
>VHL-W117C HSYRGHLWLI	47	>VHL-W117C HSYRGHLGLF	51	4
>VHL-W117C HSYRGHLWLI	376	>VHL-W117C HSYRGHLGLF	2501	2125
>VHL-W117C HSYRGHLWLI	178	>VHL-W117C HSYRGHLGLF	183	5
>VHL-W117C HSYRGHLWL	93	>VHL-W117C HSYRGHLGL	112	19
>VHL-W117C HSYRGHLWLI	27	>VHL-W117C HSYRGHLGLF	64	37
>VHL-W117C HSYRGHLWLI	457	>VHL-W117C HSYRGHLGLF	189	268
>VHL-W117C HSYRGHLWLI	8	>VHL-W117C HSYRGHLGLF	11	3
>VHL-W117C HSYRGHLWLI	293	>VHL-W117C HSYRGHLGLF	1488	1195
>VHL-W117C HSYRGHLWLI	27	>VHL-W117C HSYRGHLGLF	57	30
>VHL-W117C HSYRGHLWLI	9	>VHL-W117C HSYRGHLGLF	11	2
>VHL-W117C HSYRGHLWL	1268	>VHL-W117C HSYRGHLGL	397	871
>VHL-W117C HSYRGHLWLI	623	>VHL-W117C HSYRGHLGLF	243	380
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>VHL-W117C HSYRGHLWLI	36	>VHL-W117C HSYRGHLGLF	101	65
>VHL-W117C HSYRGHLW	4	>VHL-W117C HSYRGHLG	5784	5780
>VHL-W117C HSYRGHLWL	5	>VHL-W117C HSYRGHLGL	4	1
>VHL-W117C HSYRGHLW	34	>VHL-W117C HSYRGHLG	10561	10527
>VHL-W117C HSYRGHLWLI	62	>VHL-W117C HSYRGHLGLF	248	186
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>VHL-W117C HSYRGHLWLI	19	>VHL-W117C HSYRGHLGLF	47	28
>VHL-W117C HSYRGHLWL	126	>VHL-W117C HSYRGHLGL	1133	1007
>VHL-W117C HSYRGHLWLI	55	>VHL-W117C HSYRGHLGLF	37	18
>VHL-W117C HSYRGHLW	137	>VHL-W117C HSYRGHLG	32628	32491
>VHL-W117C HSYRGHLWLI	300	>VHL-W117C HSYRGHLGLF	967	667
>VHL-W117C HSYRGHLWLI	46	>VHL-W117C HSYRGHLGLF	68	22
>VHL-W117C HSYRGHLWL	153	>VHL-W117C HSYRGHLGL	226	73
>VHL-W117C IHSYRGHLWL	131	>VHL-W117C IHSYRGHLGLI	861	730
>VHL-W117C IHSYRGHLWL	91	>VHL-W117C IHSYRGHLGLI	236	145
>VHL-W117C IHSYRGHLW	25	>VHL-W117C IHSYRGHLG	25972	25947
>VHL-W117C IHSYRGHLWL	402	>VHL-W117C IHSYRGHLGLI	216	186
>VHL-W117C RIHSYRGHLV	414	>VHL-W117C RIHSYRGHLG	716	302
>VHL-W117C RIHSYRGHLV	1588	>VHL-W117C RIHSYRGHLG	115	1473

>VHL-W117C RIHSYRGHLM	21	>VHL-W117C RIHSYRGHLG	24	3
>VHL-W117C RIHSYRGHLM	117	>VHL-W117C RIHSYRGHLG	23658	23541
>VHL-W117C RIHSYRGHLM	50	>VHL-W117C RIHSYRGHLG	21368	21318
>VHL-W117C RIHSYRGHLM	74	>VHL-W117C RIHSYRGHLG	19045	18971
>VHL-W117L WLFRDAGT	330	>VHL-W117L LLFRDAGT	301	29
>VHL-W117L WLFRDAGT	468	>VHL-W117L LLFRDAGT	1254	786
>VHL-W117L WLFRDAGT	108	>VHL-W117L LLFRDAGT	130	22
>VHL-W117L WLFRDAGT	51	>VHL-W117L LLFRDAGT	38	13
>VHL-W117L LWLFRDAGT	36411	>VHL-W117L LLLFRDAGT	169	36242
>VHL-W117L LWLFRDAG	90	>VHL-W117L LLLFRDAG	21721	21631
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>VHL-W117L RRIHSYRGHL'	134	>VHL-W117L RRIHSYRGHL	19	115
>VHL-W117L RRIHSYRGHL'	16534	>VHL-W117L RRIHSYRGHL	366	16168
>VHL-W117L RRIHSYRGHL'	96	>VHL-W117L RRIHSYRGHL	20	76
>VHL-W117L RRIHSYRGHL'	336	>VHL-W117L RRIHSYRGHL	8	328
>VHL-W117L RRIHSYRGHL'	124	>VHL-W117L RRIHSYRGHL	20426	20302
>VHL-W117L HLWLFRDA	346	>VHL-W117L HLLLFRDA	956	610
>VHL-W117L RGHLWLFR	160	>VHL-W117L RGHLLLFR	227	67
>VHL-W117L RGHLWLFR	15	>VHL-W117L RGHLLLFR	19	4
>VHL-W117L RGHLWLFR	33	>VHL-W117L RGHLLLFR	34	1
>VHL-W117L YRGHLWLF	109	>VHL-W117L YRGHLLLF	75	34
>VHL-W117L YRGHLWLF	75	>VHL-W117L YRGHLLLF	106	31
>VHL-W117L YRGHLWLFR	66	>VHL-W117L YRGHLLLFR	97	31
>VHL-W117L YRGHLWLFR	44	>VHL-W117L YRGHLLLFR	96	52
>VHL-W117L SYRGHLWLF	32	>VHL-W117L SYRGHLLLF	95	63
>VHL-W117L SYRGHLWL	650	>VHL-W117L SYRGHLLL	330	320
>VHL-W117L SYRGHLWLF	24	>VHL-W117L SYRGHLLLF	56	32
>VHL-W117L SYRGHLWL	17	>VHL-W117L SYRGHLLL	29	12
>VHL-W117L SYRGHLWLF	5	>VHL-W117L SYRGHLLLF	7	2
>VHL-W117L SYRGHLWLF	351	>VHL-W117L SYRGHLLLF	949	598
>VHL-W117L SYRGHLWLF	96	>VHL-W117L SYRGHLLLF	54	42
>VHL-W117L SYRGHLWL	38	>VHL-W117L SYRGHLLL	15	23
>VHL-W117L SYRGHLWLF	840	>VHL-W117L SYRGHLLLF	141	699
>VHL-W117L SYRGHLWLFF	11	>VHL-W117L SYRGHLLLFR	9	2
>VHL-W117L SYRGHLWLFF	7	>VHL-W117L SYRGHLLLFR	7	0
>VHL-W117L SYRGHLWLFF	88	>VHL-W117L SYRGHLLLFR	45	43
>VHL-W117L SYRGHLWLFF	265	>VHL-W117L SYRGHLLLFR	290	25
>VHL-W117L SYRGHLWLFF	396	>VHL-W117L SYRGHLLLFR	765	369
>VHL-W117L SYRGHLWLFF	23	>VHL-W117L SYRGHLLLFR	30	7
>VHL-W117L SYRGHLWL	262	>VHL-W117L SYRGHLLL	130	132
>VHL-W117L SYRGHLWLFF	430	>VHL-W117L SYRGHLLLFR	2590	2160
>VHL-W117L SYRGHLWL	420	>VHL-W117L SYRGHLLL	481	61
>VHL-W117L SYRGHLWLF	277	>VHL-W117L SYRGHLLLF	1450	1173

>VHL-W117L HSYRGHLWL	522	>VHL-W117L HSYRGHLLL	130	392
>VHL-W117L HSYRGHLWLI	50	>VHL-W117L HSYRGHLLLF	46	4
>VHL-W117L HSYRGHLWLI	47	>VHL-W117L HSYRGHLLLF	34	13
>VHL-W117L HSYRGHLWLI	376	>VHL-W117L HSYRGHLLLF	1823	1447
>VHL-W117L HSYRGHLWLI	178	>VHL-W117L HSYRGHLLLF	481	303
>VHL-W117L HSYRGHLW	6316	>VHL-W117L HSYRGHLL	268	6048
>VHL-W117L HSYRGHLWL	93	>VHL-W117L HSYRGHLLL	33	60
>VHL-W117L HSYRGHLWLI	27	>VHL-W117L HSYRGHLLLF	40	13
>VHL-W117L HSYRGHLWLI	457	>VHL-W117L HSYRGHLLLF	2403	1946
>VHL-W117L HSYRGHLWLI	8	>VHL-W117L HSYRGHLLLF	8	0
>VHL-W117L HSYRGHLWLI	293	>VHL-W117L HSYRGHLLLF	240	53
>VHL-W117L HSYRGHLWLI	27	>VHL-W117L HSYRGHLLLF	30	3
>VHL-W117L HSYRGHLWLI	9	>VHL-W117L HSYRGHLLLF	8	1
>VHL-W117L HSYRGHLWLI	623	>VHL-W117L HSYRGHLLLF	164	459
>VHL-W117L HSYRGHLWL	1085	>VHL-W117L HSYRGHLLL	442	643
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>VHL-W117L HSYRGHLW	4	>VHL-W117L HSYRGHLL	10	6
>VHL-W117L HSYRGHLWL	5	>VHL-W117L HSYRGHLLL	6	1
>VHL-W117L HSYRGHLW	34	>VHL-W117L HSYRGHLL	733	699
>VHL-W117L HSYRGHLWLI	62	>VHL-W117L HSYRGHLLLF	136	74
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>VHL-W117L HSYRGHLWLI	19	>VHL-W117L HSYRGHLLLF	19	0
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>VHL-W117L HSYRGHLWLI	55	>VHL-W117L HSYRGHLLLF	42	13
>VHL-W117L HSYRGHLWL	790	>VHL-W117L HSYRGHLLL	346	444
>VHL-W117L HSYRGHLW	137	>VHL-W117L HSYRGHLL	20037	19900
>VHL-W117L HSYRGHLWLI	300	>VHL-W117L HSYRGHLLLF	597	297
>VHL-W117L HSYRGHLWLI	46	>VHL-W117L HSYRGHLLLF	60	14
>VHL-W117L HSYRGHLW	25652	>VHL-W117L HSYRGHLL	161	25491
>VHL-W117L HSYRGHLWL	153	>VHL-W117L HSYRGHLLL	121	32
>VHL-W117L IHSYRGHLWL	131	>VHL-W117L IHSYRGHLLLF	348	217
>VHL-W117L IHSYRGHLWLI	91	>VHL-W117L IHSYRGHLLLF	62	29
>VHL-W117L IHSYRGHLW	25	>VHL-W117L IHSYRGHLL	10356	10331
>VHL-W117L IHSYRGHLWLI	402	>VHL-W117L IHSYRGHLLLF	627	225
>VHL-W117L RIHSYRGHLV	23991	>VHL-W117L RIHSYRGHLL	450	23541
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>VHL-W117L RIHSYRGHLV	414	>VHL-W117L RIHSYRGHLLI	896	482
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>VHL-W117L RIHSYRGHLV	21	>VHL-W117L RIHSYRGHLLI	12	9
>VHL-W117L RIHSYRGHLV	117	>VHL-W117L RIHSYRGHLL	14688	14571

>VHL-W117L RIHSYRGHLM	50	>VHL-W117L RIHSYRGHLL	11933	11883
>VHL-W117L RIHSYRGHLM	74	>VHL-W117L RIHSYRGHLL	12378	12304
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>VHL-W117R WLFRDAGT	51	>VHL-W117R RLFRDAGT	146	95
>VHL-W117R WLFRDAGTH	11771	>VHL-W117R RLFRDAGTH	335	11436
>VHL-W117R LWLFRDAG	90	>VHL-W117R RLLFRDAG	28948	28858
>VHL-W117R RRIHSYRGHL'	119	>VHL-W117R RRIHSYRGHL	267	148
>VHL-W117R RRIHSYRGHL'	134	>VHL-W117R RRIHSYRGHL	27	107
>VHL-W117R RRIHSYRGHL'	96	>VHL-W117R RRIHSYRGHL	140	44
>VHL-W117R RRIHSYRGHL'	336	>VHL-W117R RRIHSYRGHL	141	195
>VHL-W117R RRIHSYRGHL'	124	>VHL-W117R RRIHSYRGHL	29834	29710
>VHL-W117R RRIHSYRGHL'	30677	>VHL-W117R RRIHSYRGHL	222	30455
>VHL-W117R HLWLFRDA	346	>VHL-W117R HLRLFRDA	3395	3049
>VHL-W117R HLWLFRDA	11185	>VHL-W117R HLRLFRDA	96	11089
>VHL-W117R RGHLWLFR	160	>VHL-W117R RGHLRLFR	93	67
>VHL-W117R RGHLWLFR	15	>VHL-W117R RGHLRLFR	15	0
>VHL-W117R RGHLWLFR	33	>VHL-W117R RGHLRLFR	42	9
>VHL-W117R YRGHLWLF	109	>VHL-W117R YRGHLRLF	96	13
>VHL-W117R YRGHLWLF	75	>VHL-W117R YRGHLRLF	133	58
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>VHL-W117R YRGHLWLFR	44	>VHL-W117R YRGHLRLFR	62	18
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>VHL-W117R SYRGHLWLF	24	>VHL-W117R SYRGHLRLF	146	122
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>VHL-W117R SYRGHLWLF	351	>VHL-W117R SYRGHLRLF	629	278
>VHL-W117R SYRGHLWLF	96	>VHL-W117R SYRGHLRLF	1640	1544
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>VHL-W117R SYRGHLWLFF	7	>VHL-W117R SYRGHLRLFR	5	2
>VHL-W117R SYRGHLWLFF	88	>VHL-W117R SYRGHLRLFR	43	45
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>VHL-W117R SYRGHLWLFF	430	>VHL-W117R SYRGHLRLFR	17093	16663
>VHL-W117R SYRGHLWL	420	>VHL-W117R SYRGHLRL	955	535
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>VHL-W117R HSYRGHLWL	522	>VHL-W117R HSYRGHLRL	117	405
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>VHL-W117RHSYRGHLW	23040	>VHL-W117RHSYRGHLR	173	22867
>VHL-W117RHSYRGHLWLI	47	>VHL-W117RHSYRGHLRLF	46	1
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>VHL-W117RHSYRGHLWL	93	>VHL-W117RHSYRGHLRL	87	6
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>VHL-W117RHSYRGHLW	9518	>VHL-W117RHSYRGHLR	9	9509
>VHL-W117RHSYRGHLWLI	8	>VHL-W117RHSYRGHLRLF	8	0
>VHL-W117RHSYRGHLWLI	293	>VHL-W117RHSYRGHLRLF	467	174
>VHL-W117RHSYRGHLW	16550	>VHL-W117RHSYRGHLR	65	16485
>VHL-W117RHSYRGHLWLI	27	>VHL-W117RHSYRGHLRLF	28	1
>VHL-W117RHSYRGHLW	6858	>VHL-W117RHSYRGHLR	11	6847
>VHL-W117RHSYRGHLWLI	9	>VHL-W117RHSYRGHLRLF	8	1
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>VHL-W117RHSYRGHLWLI	36	>VHL-W117RHSYRGHLRLF	37	1
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>VHL-W117RHSYRGHLWLI	19	>VHL-W117RHSYRGHLRLF	84	65
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>VHL-W117RHSYRGHLW	137	>VHL-W117RHSYRGHLR	29964	29827
>VHL-W117RHSYRGHLWLI	300	>VHL-W117RHSYRGHLRLF	923	623
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>VHL-W117R RIHSYRGHLV	117	>VHL-W117R RIHSYRGHLR	23742	23625
>VHL-W117R RIHSYRGHLV	50	>VHL-W117R RIHSYRGHLR	22131	22081
>VHL-W117R RIHSYRGHLV	74	>VHL-W117R RIHSYRGHLR	18801	18727
>VHL-W117R RIHSYRGHLV	25881	>VHL-W117R RIHSYRGHLR	62	25819
>VHL-W117R RIHSYRGHLV	14999	>VHL-W117R RIHSYRGHLR	50	14949
>VHL-W88C- WLNFDGEPQ	50	>VHL-W88C- CLNFDGEPQF	149	99
>VHL-W88C- WLNFDGEPQ	854	>VHL-W88C- CLNFDGEPQF	355	499
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>VHL-W88C- WLNFDGEPQ	54	>VHL-W88C- CLNFDGEPQF	185	131
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>VHL-W88C- WLNFDGEPQ	102	>VHL-W88C- CLNFDGEPQF	421	319
>VHL-W88C- WLNFDGEPQ	90	>VHL-W88C- CLNFDGEPQF	767	677
>VHL-W88C- WLNFDGEPQ	182	>VHL-W88C- CLNFDGEPQF	188	6
>VHL-W88C- VWLNFDGE	227	>VHL-W88C- VCLNFDGE	35726	35499
>VHL-W88C- LPVWLNFDG	285	>VHL-W88C- LPVCLNFDG	582	297
>VHL-W88C- LPVWLNFD	106	>VHL-W88C- LPVCLNFD	212	106
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>VHL-W88C- VLPVWLN	235	>VHL-W88C- VLPVCLNF	290	55
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>VHL-W88C- VVLPVWLN	443	>VHL-W88C- VVLPVCLNF	2496	2053
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>VHL-W88C- VVLPVWLN	190	>VHL-W88C- VVLPVCLNF	231	41
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>VHL-W88C- VVLPVWLN	461	>VHL-W88C- VVLPVCLNF	341	120
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>VHL-W88C- RVVLPVWL	415	>VHL-W88C- RVVLPVCL	1121	706
>VHL-W88C- RVVLPVWL	182	>VHL-W88C- RVVLPVCLNF	521	339
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>VHL-W88C- RVVLPVWL	202	>VHL-W88C- RVVLPVCLNF	127	75
>VHL-W88C- RVVLPVWL	819	>VHL-W88C- RVVLPVCLNF	416	403
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>VHL-W88C- RVVLPVWL	56	>VHL-W88C- RVVLPVCLNF	109	53
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>VHL-W88C- PRVVLPVWLI	364	>VHL-W88C- PRVVLPVCLN	305	59
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>VHL-W88C- PRVVLPVWLI	385	>VHL-W88C- PRVVLPVCLN	742	357
>VHL-W88C- SPRVVLPVW	189	>VHL-W88C- SPRVVLPVC	1106	917
>VHL-W88C- SPRVVLPVWI	61	>VHL-W88C- SPRVVLPVCL	60	1
>VHL-W88C- SPRVVLPVW	318	>VHL-W88C- SPRVVLPVC	30868	30550
>VHL-W88C- SPRVVLPVW	42	>VHL-W88C- SPRVVLPVC	25818	25776
>VHL-W88C- RSPRVVLPVW	247	>VHL-W88C- RSPRVVLPVC	3598	3351
>VHL-W88C- RSPRVVLPVW	147	>VHL-W88C- RSPRVVLPVC	219	72
>VHL-W88C- RSPRVVLPVW	55	>VHL-W88C- RSPRVVLPVC	16363	16308
>VHL-W88C- RSPRVVLPVW	301	>VHL-W88C- RSPRVVLPVC	1720	1419
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>VHL-W88C- RSPRVVLPVW	12	>VHL-W88C- RSPRVVLPVC	9804	9792
>VHL-W88C- RSPRVVLPVW	39	>VHL-W88C- RSPRVVLPVC	68	29
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>VHL-W88C- RSPRVVLPVW	493	>VHL-W88C- RSPRVVLPVC	993	500
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>VHL-W88L-1 WLNFDGEPQ	50	>VHL-W88L-1 LLNFDGEPQF	68	18
>VHL-W88L-1 WLNFDGEPQ	854	>VHL-W88L-1 LLNFDGEPQF	339	515
>VHL-W88L-1 WLNFDGEPQ	54	>VHL-W88L-1 LLNFDGEPQF	42	12
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>VHL-W88L-1 WLNFDGEPQ	182	>VHL-W88L-1 LLNFDGEPQF	897	715
>VHL-W88L-1 VWLNFDGE	227	>VHL-W88L-1 VLLNFDGE	28658	28431
>VHL-W88L-1 VWLNFDGEP	304	>VHL-W88L-1 VLLNFDGEP	31433	31129
>VHL-W88L-1 NRSRVVLPV	5859	>VHL-W88L-1 NRSRVVLPV	37	5822
>VHL-W88L-1 NRSRVVLPV	3430	>VHL-W88L-1 NRSRVVLPV	289	3141
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>VHL-W88L-1 LPVWLNFDG	285	>VHL-W88L-1 LPVLLNFDG	1768	1483
>VHL-W88L-1 LPVWLNFD	106	>VHL-W88L-1 LPVLLNFD	190	84
>VHL-W88L-1 LPVWLNFDG	251	>VHL-W88L-1 LPVLLNFDG	386	135
>VHL-W88L-1 LPVWLNFDG	345	>VHL-W88L-1 LPVLLNFDGE	493	148
>VHL-W88L-1 VLPVWLNf	235	>VHL-W88L-1 VLPVLLNF	944	709
>VHL-W88L-1 VLPVWLNf	454	>VHL-W88L-1 VLPVLLNF	1857	1403
>VHL-W88L-1 VVLPVWLNf	443	>VHL-W88L-1 VVLPVLLNF	1622	1179
>VHL-W88L-1 VVLPVWLNf	261	>VHL-W88L-1 VVLPVLLNF	227	34
>VHL-W88L-1 VVLPVWLNf	42	>VHL-W88L-1 VVLPVLLNF	54	12
>VHL-W88L-1 VVLPVWLNf	449	>VHL-W88L-1 VVLPVLLNF	1772	1323
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>VHL-W88L-1 VVLPVWLNf	70	>VHL-W88L-1 VVLPVLLNF	154	84
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>VHL-W88L-1 VVLPVWLNf	399	>VHL-W88L-1 VVLPVLLNF	274	125
>VHL-W88L-1 RVVLPVWLL	415	>VHL-W88L-1 RVVLPVWLL	690	275

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>VHL-W88L-1 RVVLPVWL	351	>VHL-W88L-f RVVLPVLL	244	107
>VHL-W88L-1 RVVLPVWLN	202	>VHL-W88L-f RVVLPVLLNF	82	120
>VHL-W88L-1 RVVLPVWLN	819	>VHL-W88L-f RVVLPVLLNF	490	329
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>VHL-W88L-1 RVVLPVWLN	320	>VHL-W88L-f RVVLPVLLNF	1965	1645
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>VHL-W88L-1 SPRVLPVW	318	>VHL-W88L-f SPRVLPVL	9304	8986
>VHL-W88L-1 SPRVLPVW	42	>VHL-W88L-f SPRVLPVL	12278	12236
>VHL-W88L-1 RSPRVLPVW	247	>VHL-W88L-f RSPRVLPVL	300	53
>VHL-W88L-1 RSPRVLPVW	147	>VHL-W88L-f RSPRVLPVL	104	43
>VHL-W88L-1 RSPRVLPVW	55	>VHL-W88L-f RSPRVLPVL	522	467
>VHL-W88L-1 RSPRVLPVW	301	>VHL-W88L-f RSPRVLPVL	669	368
>VHL-W88L-1 RSPRVLPVW	48	>VHL-W88L-f RSPRVLPVL	6010	5962
>VHL-W88L-1 RSPRVLPVW	12	>VHL-W88L-f RSPRVLPVL	878	866
>VHL-W88L-1 RSPRVLPVW	39	>VHL-W88L-f RSPRVLPVL	4	35
>VHL-W88L-1 RSPRVLPVW	4	>VHL-W88L-f RSPRVLPVL	3	1
>VHL-W88L-1 RSPRVLPVW	5043	>VHL-W88L-f RSPRVLPVL	432	4611
>VHL-W88L-1 RSPRVLPVW	697	>VHL-W88L-f RSPRVLPVL	455	242
>VHL-W88L-1 RSPRVLPVW	493	>VHL-W88L-f RSPRVLPVL	232	261
>VHL-W88L-1 RSPRVLPVW	345	>VHL-W88L-f RSPRVLPVL	382	37
>VHL-W88R- WLNFDGEPQ	50	>VHL-W88R- RLNFDGEPQ	245	195
>VHL-W88R- WLNFDGEPQ	854	>VHL-W88R- RLNFDGEPQ	190	664
>VHL-W88R- WLNFDGEPQ	12987	>VHL-W88R- RLNFDGEPQ	248	12739
>VHL-W88R- WLNFDGEPQ	1027	>VHL-W88R- RLNFDGEPQ	67	960
>VHL-W88R- WLNFDGEPQ	54	>VHL-W88R- RLNFDGEPQ	41	13
>VHL-W88R- WLNFDGEPQ	52	>VHL-W88R- RLNFDGEPQ	353	301
>VHL-W88R- WLNFDGEPQ	102	>VHL-W88R- RLNFDGEPQ	66	36
>VHL-W88R- WLNFDGEPQ	90	>VHL-W88R- RLNFDGEPQ	1608	1518
>VHL-W88R- WLNFDGEPQ	182	>VHL-W88R- RLNFDGEPQ	559	377
>VHL-W88R- VWLNFDGE	227	>VHL-W88R- VRLNFDGE	33488	33261
>VHL-W88R- VWLNFDGEP	304	>VHL-W88R- VRLNFDGEP	35461	35157



>VHL-W88R- LPVWLNFDG	285	>VHL-W88R- LPVRLNFDG	2797	2512
>VHL-W88R- LPVWLNFD	106	>VHL-W88R- LPVRLNFD	398	292
>VHL-W88R- LPVWLNFDG	251	>VHL-W88R- LPVRLNFDG	895	644
>VHL-W88R- LPVWLNFDG	345	>VHL-W88R- LPVRLNFDGE	950	605
>VHL-W88R- VLPVWLNF	235	>VHL-W88R- VLPVRLNF	1267	1032
>VHL-W88R- VLPVWLNF	454	>VHL-W88R- VLPVRLNF	2176	1722
>VHL-W88R- VVLPVWLNF	443	>VHL-W88R- VVLPVRLNF	1766	1323
>VHL-W88R- VVLPVWLNF	261	>VHL-W88R- VVLPVRLNF	2641	2380
>VHL-W88R- VVLPVWLNF	42	>VHL-W88R- VVLPVRLNF	97	55
>VHL-W88R- VVLPVWLNF	449	>VHL-W88R- VVLPVRLNF	3953	3504
>VHL-W88R- VVLPVWLNF	190	>VHL-W88R- VVLPVRLNF	178	12
>VHL-W88R- VVLPVWLNF	70	>VHL-W88R- VVLPVRLNF	348	278
>VHL-W88R- VVLPVWLNF	461	>VHL-W88R- VVLPVRLNF	311	150
>VHL-W88R- VVLPVWLNF	20	>VHL-W88R- VVLPVRLNF	56	36
>VHL-W88R- VVLPVWLNF	399	>VHL-W88R- VVLPVRLNF	411	12
>VHL-W88R- RVVLPVWL	415	>VHL-W88R- RVVLPVRL	1626	1211
>VHL-W88R- RVVLPVWLN	182	>VHL-W88R- RVVLPVRLNF	340	158
>VHL-W88R- RVVLPVWL	351	>VHL-W88R- RVVLPVRL	252	99
>VHL-W88R- RVVLPVWLN	202	>VHL-W88R- RVVLPVRLNF	115	87
>VHL-W88R- RVVLPVWLN	355	>VHL-W88R- RVVLPVRLNF	298	57
>VHL-W88R- RVVLPVWL	89	>VHL-W88R- RVVLPVRL	59	30
>VHL-W88R- RVVLPVWLN	9	>VHL-W88R- RVVLPVRLNF	13	4
>VHL-W88R- RVVLPVWLN	56	>VHL-W88R- RVVLPVRLNF	310	254
>VHL-W88R- RVVLPVWLN	230	>VHL-W88R- RVVLPVRLNF	216	14
>VHL-W88R- RVVLPVWLN	320	>VHL-W88R- RVVLPVRLNF	14470	14150
>VHL-W88R- PRVVPVWLI	364	>VHL-W88R- PRVVPVRLN	301	63
>VHL-W88R- PRVVPVWL	89	>VHL-W88R- PRVVPVRL	182	93
>VHL-W88R- PRVVPVWLI	385	>VHL-W88R- PRVVPVRLN	406	21
>VHL-W88R- SPRVVPVW	189	>VHL-W88R- SPRVVPVR	9123	8934
>VHL-W88R- SPRVVPVWI	61	>VHL-W88R- SPRVVPVRL	136	75
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>VHL-W88R- SPRVVPVW	42	>VHL-W88R- SPRVVPVR	29093	29051
>VHL-W88R- RSPRVVPVW	24989	>VHL-W88R- RSPRVVPVR	103	24886
>VHL-W88R- RSPRVVPVW	247	>VHL-W88R- RSPRVVPVR	6227	5980
>VHL-W88R- RSPRVVPVW	147	>VHL-W88R- RSPRVVPVR	93	54
>VHL-W88R- RSPRVVPVW	55	>VHL-W88R- RSPRVVPVR	15852	15797
>VHL-W88R- RSPRVVPVW	301	>VHL-W88R- RSPRVVPVR	234	67
>VHL-W88R- RSPRVVPVW	48	>VHL-W88R- RSPRVVPVR	20000	19952
>VHL-W88R- RSPRVVPVW	12	>VHL-W88R- RSPRVVPVR	18726	18714
>VHL-W88R- RSPRVVPVW	39	>VHL-W88R- RSPRVVPVR	1019	980
>VHL-W88R- RSPRVVPVW	4	>VHL-W88R- RSPRVVPVR	10	6
>VHL-W88R- RSPRVVPVW	493	>VHL-W88R- RSPRVVPVR	1015	522
>VHL-W88R- RSPRVVPVW	345	>VHL-W88R- RSPRVVPVR	503	158

>VHL-W88S-1WLNFDGEPQ	50	>VHL-W88S-1SLNFDGEPQF	83	33
>VHL-W88S-1WLNFDGEPQ	854	>VHL-W88S-1SLNFDGEPQF	233	621
>VHL-W88S-1WLNFDGEPQ	1027	>VHL-W88S-1SLNFDGEPQF	160	867
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>VHL-W88S-1WLNFDGEPQ	52	>VHL-W88S-1SLNFDGEPQF	80	28
>VHL-W88S-1WLNFDGEPQ	102	>VHL-W88S-1SLNFDGEPQF	375	273
>VHL-W88S-1WLNFDGEPQ	90	>VHL-W88S-1SLNFDGEPQF	1057	967
>VHL-W88S-1WLNFDGEPQ	182	>VHL-W88S-1SLNFDGEPQF	770	588
>VHL-W88S-1VWLNFDGE	227	>VHL-W88S-1VSLNFDGE	34290	34063
>VHL-W88S-1VWLNFDGEP	304	>VHL-W88S-1VSLNFDGEP	35865	35561
>VHL-W88S-1LPVWLNFDG	285	>VHL-W88S-1LPVSLNFDG	965	680
>VHL-W88S-1LPVWLNFD	106	>VHL-W88S-1LPVSLNFD	348	242
>VHL-W88S-1LPVWLNFDG	251	>VHL-W88S-1LPVSLNFDG	849	598
>VHL-W88S-1LPVWLNFDG	345	>VHL-W88S-1LPVSLNFDGE	948	603
>VHL-W88S-1VLPVWLN	235	>VHL-W88S-1VLPVSLN	768	533
>VHL-W88S-1VLPVWLN	454	>VHL-W88S-1VLPVSLN	1715	1261
>VHL-W88S-1VLPVWLN	871	>VHL-W88S-1VLPVSLN	297	574
>VHL-W88S-1VVLPVWLN	443	>VHL-W88S-1VVLPVSLN	2539	2096
>VHL-W88S-1VVLPVWLN	261	>VHL-W88S-1VVLPVSLN	663	402
>VHL-W88S-1VVLPVWLN	42	>VHL-W88S-1VVLPVSLN	99	57
>VHL-W88S-1VVLPVWLN	449	>VHL-W88S-1VVLPVSLN	1274	825
>VHL-W88S-1VVLPVWLN	190	>VHL-W88S-1VVLPVSLN	121	69
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>VHL-W88S-1VVLPVWLN	3373	>VHL-W88S-1VVLPVSLN	203	3170
>VHL-W88S-1VVLPVWLN	3144	>VHL-W88S-1VVLPVSLN	457	2687
>VHL-W88S-1VVLPVWLN	1629	>VHL-W88S-1VVLPVSLN	497	1132
>VHL-W88S-1VVLPVWLN	461	>VHL-W88S-1VVLPVSLN	181	280
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>VHL-W88S-1RVVLPVWL	415	>VHL-W88S-1RVVLPVSL	420	5
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>VHL-W88S-1RVVLPVWL	351	>VHL-W88S-1RVVLPVSL	75	276
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>VHL-W88S-1RVVLPVWLN	819	>VHL-W88S-1RVVLPVSLN	261	558
>VHL-W88S-1RVVLPVWLN	355	>VHL-W88S-1RVVLPVSLN	140	215
>VHL-W88S-1RVVLPVWL	89	>VHL-W88S-1RVVLPVSL	60	29
>VHL-W88S-1RVVLPVWLN	9	>VHL-W88S-1RVVLPVSLN	6	3
>VHL-W88S-1RVVLPVWLN	56	>VHL-W88S-1RVVLPVSLN	89	33
>VHL-W88S-1RVVLPVWLN	230	>VHL-W88S-1RVVLPVSLN	76	154
>VHL-W88S-1RVVLPVWLN	320	>VHL-W88S-1RVVLPVSLN	8983	8663
>VHL-W88S-1PRVLPVWLI	364	>VHL-W88S-1PRVLPVSLN	185	179
>VHL-W88S-1PRVLPVWL	89	>VHL-W88S-1PRVLPVSL	229	140

>VHL-W88S-1 PRVVLPVWLI	385	>VHL-W88S-1 PRVVLPVSLN	936	551
>VHL-W88S-1 SPRVVLPVW	189	>VHL-W88S-1 SPRVVLPVS	4157	3968
>VHL-W88S-1 SPRVVLPVWI	61	>VHL-W88S-1 SPRVVLPVSL	21	40
>VHL-W88S-1 SPRVVLPVW	318	>VHL-W88S-1 SPRVVLPVS	32284	31966
>VHL-W88S-1 SPRVVLPVW	42	>VHL-W88S-1 SPRVVLPVS	29714	29672
>VHL-W88S-1 RSPRVVLPVW	247	>VHL-W88S-1 RSPRVVLPVS	6836	6589
>VHL-W88S-1 RSPRVVLPVW	147	>VHL-W88S-1 RSPRVVLPVS	30	117
>VHL-W88S-1 RSPRVVLPVW	55	>VHL-W88S-1 RSPRVVLPVS	14858	14803
>VHL-W88S-1 RSPRVVLPVW	301	>VHL-W88S-1 RSPRVVLPVS	277	24
>VHL-W88S-1 RSPRVVLPVW	48	>VHL-W88S-1 RSPRVVLPVS	19335	19287
>VHL-W88S-1 RSPRVVLPVW	12	>VHL-W88S-1 RSPRVVLPVS	16793	16781
>VHL-W88S-1 RSPRVVLPVW	39	>VHL-W88S-1 RSPRVVLPVS	252	213
>VHL-W88S-1 RSPRVVLPVW	4	>VHL-W88S-1 RSPRVVLPVS	9	5
>VHL-W88S-1 RSPRVVLPVW	493	>VHL-W88S-1 RSPRVVLPVS	1232	739
>VHL-W88S-1 RSPRVVLPVW	345	>VHL-W88S-1 RSPRVVLPVS	233	112
>VHL-Y112D- YRGHLWLF	109	>VHL-Y112D- DRGHLWLF	3477	3368
>VHL-Y112D- YRGHLWLF	75	>VHL-Y112D- DRGHLWLF	2604	2529
>VHL-Y112D- YRGHLWLF	66	>VHL-Y112D- DRGHLWLF	2155	2089
>VHL-Y112D- YRGHLWLF	44	>VHL-Y112D- DRGHLWLF	154	110
>VHL-Y112D- SYRGHLWLF	32	>VHL-Y112D- SDRGHLWLF	6377	6345
>VHL-Y112D- SYRGHLWLF	24	>VHL-Y112D- SDRGHLWLF	5281	5257
>VHL-Y112D- SYRGHLWL	17	>VHL-Y112D- SDRGHLWL	24229	24212
>VHL-Y112D- SYRGHLWLF	5	>VHL-Y112D- SDRGHLWLF	15404	15399
>VHL-Y112D- SYRGHLWLF	351	>VHL-Y112D- SDRGHLWLF	11302	10951
>VHL-Y112D- SYRGHLWLF	96	>VHL-Y112D- SDRGHLWLF	3158	3062
>VHL-Y112D- SYRGHLWL	38	>VHL-Y112D- SDRGHLWL	7258	7220
>VHL-Y112D- SYRGHLWLF	11	>VHL-Y112D- SDRGHLWLF	2446	2435
>VHL-Y112D- SYRGHLWLF	7	>VHL-Y112D- SDRGHLWLF	105	98
>VHL-Y112D- SYRGHLWLF	88	>VHL-Y112D- SDRGHLWLF	2669	2581
>VHL-Y112D- SYRGHLWLF	265	>VHL-Y112D- SDRGHLWLF	2822	2557
>VHL-Y112D- SYRGHLWLF	396	>VHL-Y112D- SDRGHLWLF	2808	2412
>VHL-Y112D- SYRGHLWLF	23	>VHL-Y112D- SDRGHLWLF	593	570
>VHL-Y112D- SYRGHLWL	262	>VHL-Y112D- SDRGHLWL	12599	12337
>VHL-Y112D- SYRGHLWLF	430	>VHL-Y112D- SDRGHLWLF	26624	26194
>VHL-Y112D- SYRGHLWL	420	>VHL-Y112D- SDRGHLWL	31215	30795
>VHL-Y112D- SYRGHLWLF	277	>VHL-Y112D- SDRGHLWLF	29137	28860
>VHL-Y112D- HSYRGHLW	16997	>VHL-Y112D- HSDRGHLW	338	16659
>VHL-Y112D- HSYRGHLWLI	50	>VHL-Y112D- HSDRGHLWL	1969	1919
>VHL-Y112D- HSYRGHLWLI	47	>VHL-Y112D- HSDRGHLWL	782	735
>VHL-Y112D- HSYRGHLWLI	376	>VHL-Y112D- HSDRGHLWL	3015	2639
>VHL-Y112D- HSYRGHLWLI	178	>VHL-Y112D- HSDRGHLWL	8124	7946
>VHL-Y112D- HSYRGHLWL	93	>VHL-Y112D- HSDRGHLWL	7064	6971
>VHL-Y112D- HSYRGHLWLI	27	>VHL-Y112D- HSDRGHLWL	2520	2493

>VHL-Y112D- HSYRGHLWLI	457	>VHL-Y112D- HSDRGHLWL	1918	1461
>VHL-Y112D- HSYRGHLWLI	8	>VHL-Y112D- HSDRGHLWL	76	68
>VHL-Y112D- HSYRGHLWLI	293	>VHL-Y112D- HSDRGHLWL	5167	4874
>VHL-Y112D- HSYRGHLWLI	27	>VHL-Y112D- HSDRGHLWL	157	130
>VHL-Y112D- HSYRGHLWLI	9	>VHL-Y112D- HSDRGHLWL	182	173
>VHL-Y112D- HSYRGHLWLI	36	>VHL-Y112D- HSDRGHLWL	4072	4036
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>VHL-Y112D- HSYRGHLWLI	62	>VHL-Y112D- HSDRGHLWL	424	362
>VHL-Y112D- HSYRGHLW	10	>VHL-Y112D- HSDRGHLW	12	2
>VHL-Y112D- HSYRGHLWL	339	>VHL-Y112D- HSDRGHLWL	3279	2940
>VHL-Y112D- HSYRGHLWLI	19	>VHL-Y112D- HSDRGHLWL	49	30
>VHL-Y112D- HSYRGHLWL	126	>VHL-Y112D- HSDRGHLWL	988	862
>VHL-Y112D- HSYRGHLWLI	55	>VHL-Y112D- HSDRGHLWL	385	330
>VHL-Y112D- HSYRGHLW	137	>VHL-Y112D- HSDRGHLW	2969	2832
>VHL-Y112D- HSYRGHLWLI	300	>VHL-Y112D- HSDRGHLWL	866	566
>VHL-Y112D- HSYRGHLWLI	46	>VHL-Y112D- HSDRGHLWL	419	373
>VHL-Y112D- HSYRGHLWL	153	>VHL-Y112D- HSDRGHLWL	2649	2496
>VHL-Y112D- IHSYRGHLWL	131	>VHL-Y112D- IHSDRGHLWI	238	107
>VHL-Y112D- IHSYRGHLWL	91	>VHL-Y112D- IHSDRGHLWI	233	142
>VHL-Y112D- IHSYRGHLW	25	>VHL-Y112D- IHSDRGHLW	21	4
>VHL-Y112D- IHSYRGHLWL	402	>VHL-Y112D- IHSDRGHLWI	323	79
>VHL-Y112D- RIHSYRGHL	336	>VHL-Y112D- RIHSDRGHL	7091	6755
>VHL-Y112D- RIHSYRGHLV	414	>VHL-Y112D- RIHSDRGHLV	509	95
>VHL-Y112D- RIHSYRGHL	23	>VHL-Y112D- RIHSDRGHL	143	120
>VHL-Y112D- RIHSYRGHLV	21	>VHL-Y112D- RIHSDRGHLV	74	53
>VHL-Y112D- RIHSYRGHLV	117	>VHL-Y112D- RIHSDRGHLV	138	21
>VHL-Y112D- RIHSYRGHLV	50	>VHL-Y112D- RIHSDRGHLV	71	21
>VHL-Y112D- RIHSYRGHLV	74	>VHL-Y112D- RIHSDRGHLV	110	36
>VHL-Y112D- RRIHSYRGH	107	>VHL-Y112D- RRIHSDRGH	571	464
>VHL-Y112D- RRIHSYRGHL	52	>VHL-Y112D- RRIHSDRGHL	121	69
>VHL-Y112D- RRIHSYRGHL'	119	>VHL-Y112D- RRIHSDRGHL	329	210
>VHL-Y112D- RRIHSYRGH	112	>VHL-Y112D- RRIHSDRGH	220	108
>VHL-Y112D- RRIHSYRGHL	9	>VHL-Y112D- RRIHSDRGHL	13	4
>VHL-Y112D- RRIHSYRGHL'	134	>VHL-Y112D- RRIHSDRGHL	221	87
>VHL-Y112D- RRIHSYRG	99	>VHL-Y112D- RRIHSDRG	156	57
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>VHL-Y112D- RRIHSYRGHL'	96	>VHL-Y112D- RRIHSDRGHL	190	94
>VHL-Y112D- RRIHSYRGH	201	>VHL-Y112D- RRIHSDRGH	1053	852
>VHL-Y112D- RRIHSYRGHL	18	>VHL-Y112D- RRIHSDRGHL	48	30
>VHL-Y112D- RRIHSYRGHL'	336	>VHL-Y112D- RRIHSDRGHL	821	485
>VHL-Y112D- RRIHSYRGHL'	124	>VHL-Y112D- RRIHSDRGHL	85	39

>VHL-Y112D- GRRHSYRGH	212	>VHL-Y112D- GRRHSYRGH	591	379
>VHL-Y112D- GRRHSYRGH	174	>VHL-Y112D- GRRHSYRGH	298	124
>VHL-Y112D- GRRHSYRGH	13	>VHL-Y112D- GRRHSYRGH	26	13
>VHL-Y112D- TGRRHSYR	148	>VHL-Y112D- TGRRHSYR	3376	3228
>VHL-Y112D- TGRRHSY	185	>VHL-Y112D- TGRRHSY	29894	29709
>VHL-Y112D- TGRRHSYR	14	>VHL-Y112D- TGRRHSYR	483	469
>VHL-Y112D- TGRRHSYR	104	>VHL-Y112D- TGRRHSYR	1161	1057
>VHL-Y112D- GTGRRHSYR	452	>VHL-Y112D- GTGRRHSYR	5388	4936
>VHL-Y112D- GTGRRHSY	415	>VHL-Y112D- GTGRRHSY	34999	34584
>VHL-Y112D- GTGRRHSY	316	>VHL-Y112D- GTGRRHSY	26684	26368
>VHL-Y112D- GTGRRHSY	74	>VHL-Y112D- GTGRRHSY	24169	24095
>VHL-Y112D- GTGRRHSYR	38	>VHL-Y112D- GTGRRHSYR	259	221
>VHL-Y112D- GTGRRHSYR	117	>VHL-Y112D- GTGRRHSYR	1924	1807
>VHL-Y112D- GTGRRHSYR	245	>VHL-Y112D- GTGRRHSYR	3391	3146
>VHL-Y112D- GTGRRHSY	439	>VHL-Y112D- GTGRRHSY	26532	26093
>VHL-Y112D- GTGRRHSY	491	>VHL-Y112D- GTGRRHSY	22760	22269
>VHL-Y112D- GTGRRHSY	91	>VHL-Y112D- GTGRRHSY	25006	24915
>VHL-Y112D- GTGRRHSY	131	>VHL-Y112D- GTGRRHSY	24011	23880
>VHL-Y112D- GTGRRHSYR	400	>VHL-Y112D- GTGRRHSYR	602	202
>VHL-Y156D- YTLKERCLQV	93	>VHL-Y156D- YTLKERCLQV	6287	6194
>VHL-Y156D- YTLKERCLQV'	308	>VHL-Y156D- YTLKERCLQV'	18578	18270
>VHL-Y156D- YTLKERCLQV	127	>VHL-Y156D- YTLKERCLQV	3597	3470
>VHL-Y156D- YTLKERCLQV	39	>VHL-Y156D- YTLKERCLQV	2110	2071
>VHL-Y156D- YTLKERCLQV'	83	>VHL-Y156D- YTLKERCLQV'	9243	9160
>VHL-Y156D- YTLKERCLQV	32	>VHL-Y156D- YTLKERCLQV	6470	6438
>VHL-Y156D- YTLKERCLQV'	28	>VHL-Y156D- YTLKERCLQV'	6200	6172
>VHL-Y156D- YTLKERCLQV'	95	>VHL-Y156D- YTLKERCLQV'	9523	9428
>VHL-Y156D- YTLKERCLQV	31	>VHL-Y156D- YTLKERCLQV	4513	4482
>VHL-Y156D- YTLKERCLQV'	40	>VHL-Y156D- YTLKERCLQV'	5252	5212
>VHL-Y156D- YTLKERCLQV'	416	>VHL-Y156D- YTLKERCLQV'	6563	6147
>VHL-Y156D- YTLKERCLQV	19	>VHL-Y156D- YTLKERCLQV	5688	5669
>VHL-Y156D- YTLKERCLQV'	21	>VHL-Y156D- YTLKERCLQV'	5962	5941
>VHL-Y156D- YTLKERCLQV	14	>VHL-Y156D- YTLKERCLQV	29	15
>VHL-Y156D- YTLKERCLQV'	53	>VHL-Y156D- YTLKERCLQV'	104	51
>VHL-Y156D- YTLKERCL	205	>VHL-Y156D- YTLKERCL	9789	9584
>VHL-Y156D- YTLKERCLQV	211	>VHL-Y156D- YTLKERCLQV	10304	10093
>VHL-Y156D- YTLKERCL	280	>VHL-Y156D- YTLKERCL	10368	10088
>VHL-Y156D- YTLKERCLQV'	130	>VHL-Y156D- YTLKERCLQV'	6109	5979
>VHL-Y156D- VYTLKERCLQ'	21381	>VHL-Y156D- VYTLKERCLQ'	165	21216
>VHL-Y156D- PIFANITLPVY	135	>VHL-Y156D- PIFANITLPVY	24809	24674
>VHL-Y156D- PIFANITLPVY	195	>VHL-Y156D- PIFANITLPVY	31417	31222
>VHL-Y156D- LPVYTLKERCL	224	>VHL-Y156D- LPVYTLKERCL	253	29
>VHL-Y156D- LPVYTLKER	488	>VHL-Y156D- LPVYTLKER	795	307

>VHL-Y156D-LPVYTLKERC	337	>VHL-Y156D-LPVDTLKERC	1338	1001
>VHL-Y156D-LPVYTLKERCI	611	>VHL-Y156D-LPVDTLKERC	471	140
>VHL-Y156D-TLPVYTLK	146	>VHL-Y156D-TLPVDTLK	608	462
>VHL-Y156D-TLPVYTLK	148	>VHL-Y156D-TLPVDTLK	775	627
>VHL-Y156D-TLPVYTLK	438	>VHL-Y156D-TLPVDTLK	607	169
>VHL-Y156D-TLPVYTLKER	247	>VHL-Y156D-TLPVDTLKER	919	672
>VHL-Y156D-ITLPVYTL	202	>VHL-Y156D-ITLPVDTL	3680	3478
>VHL-Y156D-ITLPVYTL	273	>VHL-Y156D-ITLPVDTL	2318	2045
>VHL-Y156D-ITLPVYTL	54	>VHL-Y156D-ITLPVDTL	168	114
>VHL-Y156D-ITLPVYTL	21	>VHL-Y156D-ITLPVDTL	95	74
>VHL-Y156D-ITLPVYTL	408	>VHL-Y156D-ITLPVDTL	1992	1584
>VHL-Y156D-ITLPVYTL	307	>VHL-Y156D-ITLPVDTL	661	354
>VHL-Y156D-ITLPVYTLK	50	>VHL-Y156D-ITLPVDTLK	137	87
>VHL-Y156D-ITLPVYTLK	9	>VHL-Y156D-ITLPVDTLK	22	13
>VHL-Y156D-ITLPVYTLKER	348	>VHL-Y156D-ITLPVDTLKER	981	633
>VHL-Y156D-ITLPVYTLK	45	>VHL-Y156D-ITLPVDTLK	606	561
>VHL-Y156D-ITLPVYTLK	30	>VHL-Y156D-ITLPVDTLK	234	204
>VHL-Y156D-ITLPVYTLKER	20	>VHL-Y156D-ITLPVDTLKER	40	20
>VHL-Y156D-ITLPVYTL	68	>VHL-Y156D-ITLPVDTL	183	115
>VHL-Y156D-ITLPVYTLK	351	>VHL-Y156D-ITLPVDTLK	817	466
>VHL-Y156D-ITLPVYTLKER	115	>VHL-Y156D-ITLPVDTLKER	211	96
>VHL-Y156D-ITLPVYTLK	21	>VHL-Y156D-ITLPVDTLK	22	1
>VHL-Y156D-ITLPVYTLKER	40	>VHL-Y156D-ITLPVDTLKER	48	8
>VHL-Y156D-ITLPVYTL	248	>VHL-Y156D-ITLPVDTL	1205	957
>VHL-Y156D-ITLPVYTL	263	>VHL-Y156D-ITLPVDTL	1811	1548
>VHL-Y156D-ITLPVYTL	6	>VHL-Y156D-ITLPVDTL	8	2
>VHL-Y156D-ITLPVYTL	185	>VHL-Y156D-ITLPVDTL	478	293
>VHL-Y156D-ITLPVYTL	70	>VHL-Y156D-ITLPVDTL	158	88
>VHL-Y156D-ITLPVYTL	143	>VHL-Y156D-ITLPVDTL	4019	3876
>VHL-Y156D-ITLPVYTLK	144	>VHL-Y156D-ITLPVDTLK	363	219
>VHL-Y156D-ITLPVYTLKER	394	>VHL-Y156D-ITLPVDTLKER	1040	646
>VHL-Y156D-ITLPVYTL	96	>VHL-Y156D-ITLPVDTL	108	12
>VHL-Y156D-NITLPVYTLK	194	>VHL-Y156D-NITLPVDTLK	959	765
>VHL-Y156D-NITLPVYTLK	45	>VHL-Y156D-NITLPVDTLK	100	55
>VHL-Y156D-NITLPVYTLK	24	>VHL-Y156D-NITLPVDTLK	24	0
>VHL-Y156D-NITLPVYTL	70	>VHL-Y156D-NITLPVDTL	487	417
>VHL-Y156D-ANITLPVYTL	411	>VHL-Y156D-ANITLPVDTL	1371	960
>VHL-Y156D-ANITLPVYTLK	232	>VHL-Y156D-ANITLPVDTLK	1175	943
>VHL-Y156D-ANITLPVY	253	>VHL-Y156D-ANITLPVD	27141	26888
>VHL-Y156D-ANITLPVY	453	>VHL-Y156D-ANITLPVD	31763	31310
>VHL-Y156D-ANITLPVY	481	>VHL-Y156D-ANITLPVD	26102	25621
>VHL-Y156D-FANITLPVYTL	351	>VHL-Y156D-FANITLPVDTI	309	42
>VHL-Y156D-FANITLPVYTL	156	>VHL-Y156D-FANITLPVDTI	318	162

>VHL-Y156D- FANITLPVYTL	482	>VHL-Y156D- FANITLPVDTI	788	306
>VHL-Y156D- FANITLPVYT	292	>VHL-Y156D- FANITLPVDT	2294	2002
>VHL-Y156D- FANITLPVYTL	203	>VHL-Y156D- FANITLPVDTI	237	34
>VHL-Y156D- FANITLPVYTL	87	>VHL-Y156D- FANITLPVDTI	302	215
>VHL-Y156D- FANITLPVYTL	407	>VHL-Y156D- FANITLPVDTI	1324	917
>VHL-Y156D- FANITLPVY	243	>VHL-Y156D- FANITLPVD	26151	25908
>VHL-Y156D- FANITLPVY	71	>VHL-Y156D- FANITLPVD	27223	27152
>VHL-Y156D- FANITLPVYTL	413	>VHL-Y156D- FANITLPVDTI	1048	635
>VHL-Y156D- FANITLPVY	114	>VHL-Y156D- FANITLPVD	20933	20819
>VHL-Y156D- FANITLPVY	170	>VHL-Y156D- FANITLPVD	24082	23912
>VHL-Y156D- FANITLPVY	14	>VHL-Y156D- FANITLPVD	18688	18674
>VHL-Y156D- FANITLPVYTL	63	>VHL-Y156D- FANITLPVDTI	190	127
>VHL-Y156D- FANITLPVY	26	>VHL-Y156D- FANITLPVD	16283	16257
>VHL-Y156D- FANITLPVYTL	278	>VHL-Y156D- FANITLPVDTI	433	155
>VHL-Y156D- FANITLPVY	375	>VHL-Y156D- FANITLPVD	19505	19130
>VHL-Y156D- FANITLPVY	134	>VHL-Y156D- FANITLPVD	26311	26177
>VHL-Y156D- FANITLPVYTL	160	>VHL-Y156D- FANITLPVDTI	563	403
>VHL-Y156D- FANITLPVY	103	>VHL-Y156D- FANITLPVD	18400	18297
>VHL-Y156D- FANITLPVYTL	310	>VHL-Y156D- FANITLPVDTI	1069	759
>VHL-Y156D- IFANITLPVY	52	>VHL-Y156D- IFANITLPVD	26861	26809
>VHL-Y156D- IFANITLPVY	87	>VHL-Y156D- IFANITLPVD	29252	29165
>VHL-Y156D- IFANITLPVY	137	>VHL-Y156D- IFANITLPVD	23943	23806
>VHL-Y175D- YRRLDIVRSL	130	>VHL-Y175D- DRRLDIVRSL	3874	3744
>VHL-Y175D- YRRLDIVRSLY	65	>VHL-Y175D- DRRLDIVRSLY	1916	1851
>VHL-Y175D- YRRLDIVR	308	>VHL-Y175D- DRRLDIVR	6621	6313
>VHL-Y175D- YRRLDIVRSL	43	>VHL-Y175D- DRRLDIVRSL	362	319
>VHL-Y175D- YRRLDIVRSLY	206	>VHL-Y175D- DRRLDIVRSLY	4408	4202
>VHL-Y175D- YRRLDIVRSLY	95	>VHL-Y175D- DRRLDIVRSLY	2157	2062
>VHL-Y175D- YRRLDIVRSL	304	>VHL-Y175D- DRRLDIVRSL	734	430
>VHL-Y175D- YRRLDIVRSLY	391	>VHL-Y175D- DRRLDIVRSLY	1778	1387
>VHL-Y175D- YRRLDIVRSL	94	>VHL-Y175D- DRRLDIVRSL	600	506
>VHL-Y175D- YRRLDIVRSLY	177	>VHL-Y175D- DRRLDIVRSLY	898	721
>VHL-Y175D- NYRRLDIVRSI	129	>VHL-Y175D- NDRRLDIVRS	26992	26863
>VHL-Y175D- NYRRLDIVR	256	>VHL-Y175D- NDRRLDIVR	12540	12284
>VHL-Y175D- NYRRLDIVR	30	>VHL-Y175D- NDRRLDIVR	11345	11315
>VHL-Y175D- VVRSVVKPEN	228	>VHL-Y175D- VVRSVVKPEN	32980	32752
>VHL-Y175D- VVRSVVKPEN	427	>VHL-Y175D- VVRSVVKPEN	27390	26963
>VHL-Y175D- VVRSVVKPEN	141	>VHL-Y175D- VVRSVVKPEN	25649	25508
>VHL-Y175D- VVRSVVKPEN	83	>VHL-Y175D- VVRSVVKPEN	21277	21194
>VHL-Y175D- VVRSVVKPEN	126	>VHL-Y175D- VVRSVVKPEN	18834	18708
>VHL-Y175D- PENYRRLDI	86	>VHL-Y175D- PENDRRLDI	247	161
>VHL-Y175D- KPENYRRRL	39	>VHL-Y175D- KPENDRRL	73	34
>VHL-Y175D- KPENYRRLDI	104	>VHL-Y175D- KPENDRRLDI	92	12

>VHL-Y175D-KPENYRRLDI	139	>VHL-Y175D-KPENDRRLDI	264	125
>VHL-Y175D-LVKPENYR	23	>VHL-Y175D-LVKPENDR	910	887
>VHL-Y175D-LVKPENYRR	35	>VHL-Y175D-LVKPENDRR	865	830
>VHL-Y175D-LVKPENYR	159	>VHL-Y175D-LVKPENDR	1614	1455
>VHL-Y175D-LVKPENYRR	302	>VHL-Y175D-LVKPENDRR	2462	2160
>VHL-Y175D-LVKPENYR	60	>VHL-Y175D-LVKPENDR	360	300
>VHL-Y175D-LVKPENYRR	122	>VHL-Y175D-LVKPENDRR	216	94
>VHL-Y175D-LVKPENYR	287	>VHL-Y175D-LVKPENDR	3790	3503
>VHL-Y175D-SLVKPENYRR	409	>VHL-Y175D-SLVKPENDRR	1107	698
>VHL-Y175D-SLVKPENYRR	44	>VHL-Y175D-SLVKPENDRR	183	139
>VHL-Y175D-SLVKPENYRR	394	>VHL-Y175D-SLVKPENDRR	750	356
>VHL-Y175D-SLVKPENYRR	26	>VHL-Y175D-SLVKPENDRR	50	24
>VHL-Y175D-SLVKPENY	281	>VHL-Y175D-SLVKPEND	36534	36253
>VHL-Y175D-SLVKPENY	434	>VHL-Y175D-SLVKPEND	26644	26210
>VHL-Y175D-SLVKPENYR	177	>VHL-Y175D-SLVKPENDR	7815	7638
>VHL-Y175D-SLVKPENYRR	103	>VHL-Y175D-SLVKPENDRR	1690	1587
>VHL-Y175D-SLVKPENYR	133	>VHL-Y175D-SLVKPENDR	1105	972
>VHL-Y175D-SLVKPENYRR	142	>VHL-Y175D-SLVKPENDRR	615	473
>VHL-Y175D-SLVKPENY	96	>VHL-Y175D-SLVKPEND	24808	24712
>VHL-Y175D-SLVKPENY	218	>VHL-Y175D-SLVKPEND	29915	29697
>VHL-Y175D-SLVKPENYRR	85	>VHL-Y175D-SLVKPENDRR	1066	981
>VHL-Y175D-RSLVKPENYR	40	>VHL-Y175D-RSLVKPENDR	342	302
>VHL-Y175D-RSLVKPENYR	12	>VHL-Y175D-RSLVKPENDR	49	37
>VHL-Y175D-RSLVKPENY	242	>VHL-Y175D-RSLVKPEND	25106	24864
>VHL-Y175D-RSLVKPENY	185	>VHL-Y175D-RSLVKPEND	23444	23259
>VHL-Y175D-RSLVKPENY	3	>VHL-Y175D-RSLVKPEND	8964	8961
>VHL-Y175D-RSLVKPENY	56	>VHL-Y175D-RSLVKPEND	16477	16421
>VHL-Y175D-RSLVKPENYR	355	>VHL-Y175D-RSLVKPENDR	1145	790
>VHL-Y175D-RSLVKPENYR	124	>VHL-Y175D-RSLVKPENDR	1769	1645
>VHL-Y175D-RSLVKPENYR	148	>VHL-Y175D-RSLVKPENDR	829	681
>VHL-Y175D-VRSLVKPENY	310	>VHL-Y175D-VRSLVKPEND	16276	15966
>VHL-Y98D-v YPTLPPGTGR	474	>VHL-Y98D-n DPTLPPGTGR	921	447
>VHL-Y98D-v YPTLPPGT	313	>VHL-Y98D-n DPTLPPGT	7519	7206
>VHL-Y98D-v YPTLPPGTG	410	>VHL-Y98D-n DPTLPPGTG	6883	6473
>VHL-Y98D-v PYPTLPPGTG	66	>VHL-Y98D-n PDPTLPPGTG	9138	9072
>VHL-Y98D-v WLNFDGEPQ	50	>VHL-Y98D-n WLNFDGEPQ	23482	23432
>VHL-Y98D-v WLNFDGEPQ	54	>VHL-Y98D-n WLNFDGEPQ	15747	15693
>VHL-Y98D-v WLNFDGEPQ	52	>VHL-Y98D-n WLNFDGEPQ	23074	23022
>VHL-Y98D-v WLNFDGEPQ	102	>VHL-Y98D-n WLNFDGEPQ	21399	21297
>VHL-Y98D-v WLNFDGEPQ	90	>VHL-Y98D-n WLNFDGEPQ	18737	18647
>VHL-Y98D-v WLNFDGEPQ	182	>VHL-Y98D-n WLNFDGEPQ	35291	35109
>VHL-Y98D-v QPYPTLPPG	497	>VHL-Y98D-n QPDPTLPPG	2960	2463
>VHL-Y98D-v QPYPTLPPG	159	>VHL-Y98D-n QPDPTLPPG	2706	2547



>VHL-Y98D-v EPQPYPTL	420	>VHL-Y98D-n EPQPDPTL	254	166
>VHL-Y98D-v GEPQPYPTL	197	>VHL-Y98D-n GEPQPDPTL	543	346
>VHL-Y98D-v GEPQPYPTL	460	>VHL-Y98D-n GEPQPDPTL	1585	1125
>VHL-Y98D-v NFDGEPQPY	338	>VHL-Y98D-n NFDGEPQPD	25389	25051
>VHL-Y98D-v LNFDGEPQP\	165	>VHL-Y98D-n LNFDGEPQPI	20527	20362
>VHL-Y98D-v LNFDGEPQP\	111	>VHL-Y98D-n LNFDGEPQPI	21115	21004
>VHL-Y98F-w YPTLPPGTGR	474	>VHL-Y98F-r FPTLPPGTGR	441	33
>VHL-Y98F-w YPTLPPGT	313	>VHL-Y98F-r FPTLPPGT	26	287
>VHL-Y98F-w YPTLPPGTG	410	>VHL-Y98F-r FPTLPPGTG	32	378
>VHL-Y98F-w YPTLPPGTGR	723	>VHL-Y98F-r FPTLPPGTGR	136	587
>VHL-Y98F-w YPTLPPGTGR	4373	>VHL-Y98F-r FPTLPPGTGR	495	3878
>VHL-Y98F-w PYPTLPPGTG	66	>VHL-Y98F-r PFPTLPPGTG	179	113
>VHL-Y98F-w WLNFDGEPQ	50	>VHL-Y98F-r WLNFDGEPQ	3063	3013
>VHL-Y98F-w WLNFDGEPQ	54	>VHL-Y98F-r WLNFDGEPQ	48	6
>VHL-Y98F-w WLNFDGEPQ	52	>VHL-Y98F-r WLNFDGEPQ	103	51
>VHL-Y98F-w WLNFDGEPQ	102	>VHL-Y98F-r WLNFDGEPQ	23	79
>VHL-Y98F-w WLNFDGEPQ	90	>VHL-Y98F-r WLNFDGEPQ	150	60
>VHL-Y98F-w WLNFDGEPQ	182	>VHL-Y98F-r WLNFDGEPQ	8338	8156
>VHL-Y98F-w QPYPTLPPG	497	>VHL-Y98F-r QPFPTLPPG	744	247
>VHL-Y98F-w QPYPTLPPG	159	>VHL-Y98F-r QPFPTLPPG	345	186
>VHL-Y98F-w EPQPYPTL	420	>VHL-Y98F-r EPQPFPTL	306	114
>VHL-Y98F-w GEPQPYPTL	197	>VHL-Y98F-r GEPQPFPTL	182	15
>VHL-Y98F-w GEPQPYPTL	460	>VHL-Y98F-r GEPQPFPTL	207	253
>VHL-Y98F-w NFDGEPQPY	338	>VHL-Y98F-r NFDGEPQPF	6901	6563
>VHL-Y98F-w LNFDGEPQP\	165	>VHL-Y98F-r LNFDGEPQPF	198	33
>VHL-Y98F-w LNFDGEPQP\	111	>VHL-Y98F-r LNFDGEPQPF	28	83
>VHL-Y98N-v YPTLPPGTGR	474	>VHL-Y98N-n NPTLPPGTGR	644	170
>VHL-Y98N-v YPTLPPGT	313	>VHL-Y98N-n NPTLPPGT	3071	2758
>VHL-Y98N-v YPTLPPGTG	410	>VHL-Y98N-n NPTLPPGTG	3277	2867
>VHL-Y98N-v PYPTLPPGTG	66	>VHL-Y98N-n PNPTLPPGTG	3624	3558
>VHL-Y98N-v WLNFDGEPQ	50	>VHL-Y98N-n WLNFDGEPQ	18981	18931
>VHL-Y98N-v WLNFDGEPQ	54	>VHL-Y98N-n WLNFDGEPQ	11950	11896
>VHL-Y98N-v WLNFDGEPQ	52	>VHL-Y98N-n WLNFDGEPQ	15018	14966
>VHL-Y98N-v WLNFDGEPQ	102	>VHL-Y98N-n WLNFDGEPQ	14744	14642
>VHL-Y98N-v WLNFDGEPQ	90	>VHL-Y98N-n WLNFDGEPQ	13359	13269
>VHL-Y98N-v WLNFDGEPQ	182	>VHL-Y98N-n WLNFDGEPQ	32074	31892
>VHL-Y98N-v QPYPTLPPG	497	>VHL-Y98N-n QPNPTLPPG	1137	640
>VHL-Y98N-v QPYPTLPPG	159	>VHL-Y98N-n QPNPTLPPG	593	434
>VHL-Y98N-v EPQPYPTL	420	>VHL-Y98N-n EPQPNPTL	488	68
>VHL-Y98N-v GEPQPYPTL	197	>VHL-Y98N-n GEPQPNPTL	294	97
>VHL-Y98N-v GEPQPYPTL	460	>VHL-Y98N-n GEPQPNPTL	728	268
>VHL-Y98N-v NFDGEPQPY	338	>VHL-Y98N-n NFDGEPQPN	21875	21537
>VHL-Y98N-v LNFDGEPQP\	165	>VHL-Y98N-n LNFDGEPQPI	18058	17893

>VHL-Y98N-v LNFDFGEPQPY	111	>VHL-Y98N-r LNFDFGEPQPI	14501	14390
>WAS-P417S PALVPAGGL	2746	>WAS-P417S SALVPAGGL	127	2619
>WAS-P417S PALVPAGGL	4521	>WAS-P417S SALVPAGGL	57	4464
>WAS-P417S PPALVPAGGL	370	>WAS-P417S PSALVPAGGL	17907	17537
>WAS-P417S LPPALVPAGG	148	>WAS-P417S LPSALVPAGG	872	724
>WAS-P417S LPPALVPA	1388	>WAS-P417S LPSALVPA	315	1073
>WAS-P417S LPPALVPAGG	378	>WAS-P417S LPSALVPAGG	78	300
>WAS-P417S LPPALVPA	989	>WAS-P417S LPSALVPA	111	878
>WAS-P417S LPPALVPAG	1002	>WAS-P417S LPSALVPAG	110	892
>WAS-P417S LPPALVPAGG	1594	>WAS-P417S LPSALVPAGG	174	1420
>WAS-P417S LPPALVPA	8	>WAS-P417S LPSALVPA	7	1
>WAS-P417S LPPALVPAG	119	>WAS-P417S LPSALVPAG	130	11
>WAS-P417S LPPALVPAGG	1203	>WAS-P417S LPSALVPAGG	427	776
>WAS-P417S LPPALVPAGG	197	>WAS-P417S LPSALVPAGG	12626	12429
>WAS-P417S PLPPALVPA	460	>WAS-P417S PLPSALVPA	1456	996
>WAS-P417S PLPPALVPA	73	>WAS-P417S PLPSALVPA	229	156
>WAS-P417S PPPLPPALVP,	266	>WAS-P417S PPPLPSALVP,	244	22
>WAS-P417S PPPLPPALV	1293	>WAS-P417S PPPLPSALV	259	1034
>WAS-P417S APPPLPPAL	296	>WAS-P417S APPPLPSAL	760	464
>WAS-P417S APPPLPPAL	24	>WAS-P417S APPPLPSAL	162	138
>WAS-P417S APPPLPPAL	169	>WAS-P417S APPPLPSAL	61	108
>WAS-P417S APPPLPPA	219	>WAS-P417S APPPLPSA	951	732
>WAS-P417S APPPLPPAL	286	>WAS-P417S APPPLPSAL	734	448
>WAS-P417S APPPLPPALV	130	>WAS-P417S APPPLPSALV	85	45
>WAS-P417S PAPPPLPPAL	29	>WAS-P417S PAPPPLPSAL	52	23
>WAS-P417S PAPPPLPPAL'	18	>WAS-P417S PAPPPLPSAL\	11	7
>WAS-P417S GPAPPPLPPA	32	>WAS-P417S GPAPPPLPSA	17	15
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>WAS-P417S GPAPPPLPPA	176	>WAS-P417S GPAPPPLPSA	162	14
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>WHSC1L1-G TGDGKFIDQF	22646	>WHSC1L1-G TEDGKFIDQF	167	22479
>WHSC1L1-G TGDGKFIDQF	28084	>WHSC1L1-G TEDGKFIDQF	263	27821
>WHSC1L1-G TGDGKFIDQF	37304	>WHSC1L1-G TEDGKFIDQF	307	36997
>WHSC1L1-G ATGDGKFIDC	380	>WHSC1L1-G ATEDGKFIDQ	1898	1518
>WHSC1L1-G ATGDGKFI	798	>WHSC1L1-G ATEDGKFI	411	387
>WHSC1L1-G ATGDGKFIDC	22	>WHSC1L1-G ATEDGKFIDQ	12	10
>WHSC1L1-G ATGDGKFIDC	121	>WHSC1L1-G ATEDGKFIDQ	42	79
>WHSC1L1-G ATGDGKFI	42	>WHSC1L1-G ATEDGKFI	75	33
>WHSC1L1-G NATGDGKF	483	>WHSC1L1-G NATEDGKF	324	159
>WHSC1L1-G QNATGDGKF	526	>WHSC1L1-G QNATEDGKFI	415	111
>WHSC1L1-G LQNATGDGK	231	>WHSC1L1-G LQNATEDGKI	180	51
>WHSC1L1-G LQNATGDGK	221	>WHSC1L1-G LQNATEDGKI	286	65
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>WHSC1L1-G LQ NATGDGK	110	>WHSC1L1-G LQ NATEDGKI	153	43
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>WHSC1L1-G ALQ NATGDG	112	>WHSC1L1-G ALQ NATEDG	334	222
>WHSC1L1-G FALQ NATG	294	>WHSC1L1-G FALQ NATE	4712	4418
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>WHSC1L1-S SLPASITM	398	>WHSC1L1-S SLPAPITM	1175	777
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>WHSC1L1-S SVSAAIEETV	44	>WHSC1L1-S SVFAAIEETV	27	17
>WHSC1L1-S SVSAAIEETV	110	>WHSC1L1-S SVFAAIEETV	47	63
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>WHSC1L1-S SVSAAIEETV	529	>WHSC1L1-S SVFAAIEETV	157	372

>WHSC1L1-S SVSAAIEETV	47	>WHSC1L1-S SVFAAIEETV	5	42
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>WHSC1L1-S SVSAAIEETV	37	>WHSC1L1-S SVFAAIEETV	11	26
>WHSC1L1-S SVSAAIEETV	338	>WHSC1L1-S SVFAAIEETV	367	29
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>WHSC1L1-S FSDSSVSAA	3519	>WHSC1L1-S FSDSSVFAA	454	3065
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>WHSC1L1-S FSDSSVSAAI	94	>WHSC1L1-S FSDSSVFAAI	244	150
>WHSC1L1-S FSDSSVSAAI	177	>WHSC1L1-S FSDSSVFAAI	224	47
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>WHSC1L1-V QVGDVWSKV	469	>WHSC1L1-V QVGDVSSKV	348	121
>WHSC1L1-V QVGDVWSKV	93	>WHSC1L1-V QVGDVSSKV	237	144
>WHSC1L1-V QVGDVWSKV	184	>WHSC1L1-V QVGDVSSKV	679	495
>WHSC1L1-V QVGDVWSKV	288	>WHSC1L1-V QVGDVSSKV	519	231
>WHSC1L1-V QVGDVWSKV	40	>WHSC1L1-V QVGDVSSKV	48	8
>WHSC1L1-V QVGDVWSKV	28	>WHSC1L1-V QVGDVSSK	56	28
>WHSC1L1-V QVGDVWSKV	260	>WHSC1L1-V QVGDVSSK	214	46
>WHSC1L1-V QVGDVWSKV	111	>WHSC1L1-V QVGDVSSKV	117	6
>WHSC1L1-V FQVGDVWSKV	50	>WHSC1L1-V FQVGDVSSK	57	7
>WHSC1L1-V FQVGDVWSKV	22	>WHSC1L1-V FQVGDVSSK	13	9
>WHSC1L1-V FQVGDVWSKV	10	>WHSC1L1-V FQVGDVSSK	8	2
>WHSC1L1-V FQVGDVWS	638	>WHSC1L1-V FQVGDVSS	78	560
>WHSC1L1-V FQVGDVWS	14	>WHSC1L1-V FQVGDVSS	9	5
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>WHSC1L1-V FQVGDVW	278	>WHSC1L1-V FQVGDVSS	3525	3247
>WHSC1L1-V FQVGDVWS	1112	>WHSC1L1-V FQVGDVSSK	329	783
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>WHSC1L1-V FQVGDVW	239	>WHSC1L1-V FQVGDVSS	33210	32971
>WHSC1L1-V FQVGDVW	234	>WHSC1L1-V FQVGDVSS	21877	21643
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>WHSC1L1-V FQVGDVW	54	>WHSC1L1-V FQVGDVSS	30160	30106
>WHSC1L1-V KFQVGDVW	427	>WHSC1L1-V KFQVGDVSS	20033	19606
>WHSC1L1-V KFQVGDVW	189	>WHSC1L1-V KFQVGDVSS	10527	10338
>WHSC1L1-V KFQVGDVW	108	>WHSC1L1-V KFQVGDVSS	71	37
>WHSC1L1-V KFQVGDVW	130	>WHSC1L1-V KFQVGDVSS	229	99
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>WHSC1L1-V KFQVGDVW	250	>WHSC1L1-V KFQVGDVSS	948	698
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>WHSC1L1-V VKFQVGDVW	407	>WHSC1L1-V VKFQVGDVSS	32964	32557
>WRN-D511I EEDDENE	239	>WRN-D511I EENDENE	31	208
>WRN-D511I EEEDDENE	74	>WRN-D511I EEENDENE	59	15
>WRN-D511I EEEEDDENE	260	>WRN-D511I EEEENDENE	196	64
>WRN-D511I KEEEDDENE	217	>WRN-D511I KEEENDENE	156	61
>WRN-E469C EDLEMEML	1519	>WRN-E469C GDLEMEML	317	1202
>WRN-E469C EDLEMEMLK	381	>WRN-E469C GDLEMEMLK	74	307
>WRN-E469C EDLEMEML	2745	>WRN-E469C GDLEMEML	142	2603
>WRN-E469C EDLEMEMLK	3336	>WRN-E469C GDLEMEMLK	173	3163
>WRN-E469C EDLEMEML	341	>WRN-E469C GDLEMEML	262	79
>WRN-E469C DEDLEMEM	167	>WRN-E469C DGDLEMEM	20022	19855
>WRN-E469C DEDLEMEML	211	>WRN-E469C DGDLEMEML	385	174
>WRN-E469C SDEDLEMEM	289	>WRN-E469C SDGDLEMEM	976	687
>WRN-E469C ESDLEMEM	275	>WRN-E469C ESGDLEMEM	1529	1254
>WRN-E469C ESDLEMEM	94	>WRN-E469C ESGDLEMEM	546	452
>WRN-E469C IESDEDLEM	372	>WRN-E469C IESDGDLEM	99	273
>WRN-E469C IESDEDLEME	321	>WRN-E469C IESDGDLEME	135	186
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>WRN-E469C IESDEDLEME	531	>WRN-E469C IESDGDLEME	302	229
>WRN-E469C YVIESDEDLEM	214	>WRN-E469C YVIESDGDLEI	282	68
>WRN-E469C YVIESDEDL	464	>WRN-E469C YVIESDGDLEI	2631	2167
>WRN-E469C YVIESDEDL	99	>WRN-E469C YVIESDGDLEI	435	336
>WRN-E469C YVIESDEDLEM	39	>WRN-E469C YVIESDGDLEI	51	12



>WRN-E469C YVIESDEDL	238	>WRN-E469C YVIESDGDL	1030	792
>WRN-E469C YVIESDEDL	101	>WRN-E469C YVIESDGDL	385	284
>WRN-E469C YVIESDEDL	6065	>WRN-E469C YVIESDGDL	369	5696
>WRN-E469C YVIESDEDLEM	56	>WRN-E469C YVIESDGDLEI	24	32
>WRN-E469C YVIESDEDL	100	>WRN-E469C YVIESDGDL	74	26
>WRN-E469C YVIESDEDLEM	19	>WRN-E469C YVIESDGDLEI	15	4
>WRN-E469C YVIESDEDLEM	883	>WRN-E469C YVIESDGDLEI	426	457
>WRN-E469C YVIESDEDLEM	726	>WRN-E469C YVIESDGDLEI	417	309
>WRN-E469C YVIESDEDL	196	>WRN-E469C YVIESDGDL	534	338
>WRN-E469C YVIESDEDLEM	220	>WRN-E469C YVIESDGDLEI	184	36
>WRN-E469C YVIESDEDLEM	1395	>WRN-E469C YVIESDGDLEI	476	919
>WRN-E469C YVIESDEDLEM	75	>WRN-E469C YVIESDGDLEI	43	32
>WRN-E469C YVIESDEDLEM	18	>WRN-E469C YVIESDGDLEI	16	2
>WRN-E469C SYVIESDEDL	306	>WRN-E469C SYVIESDGDL	200	106
>WRN-E469C SYVIESDEDL	51	>WRN-E469C SYVIESDGDL	78	27
>WRN-E469C TSYVIESDEDL	645	>WRN-E469C TSYVIESDGD	421	224
>WRN-E469C TSYVIESDEDL	179	>WRN-E469C TSYVIESDGD	139	40
>WRN-G92V·GKLGKVAL	501	>WRN-G92V·VKLGKVAL	122	379
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>WRN-G92V·GKLGKVAL	424	>WRN-G92V·VKLGKVAL	1536	1112
>WRN-G92V·RGKLGKVA	658	>WRN-G92V·RVKLGKVA	24	634
>WRN-G92V·RGKLGKVAL	996	>WRN-G92V·RVKLGKVAL	29	967
>WRN-G92V·RGKLGKVALI	124	>WRN-G92V·RVKLGKVALI	9	115
>WRN-G92V·RGKLGKVALIK	1846	>WRN-G92V·RVKLGKVALIK	92	1754
>WRN-G92V·RGKLGKVAL	2686	>WRN-G92V·RVKLGKVAL	40	2646
>WRN-G92V·DMEWPPLYN	19053	>WRN-G92V·DMEWPPLYN	59	18994
>WRN-G92V·DMEWPPLYN	29572	>WRN-G92V·DMEWPPLYN	29	29543
>WRN-G92V·DMEWPPLYN	18661	>WRN-G92V·DMEWPPLYN	277	18384
>WRN-G92V·NRGKLGKVAI	1295	>WRN-G92V·NRVKGKVAL	310	985
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>WRN-G92V·NRGKLGKVAI	295	>WRN-G92V·NRVKGKVAL	26	269
>WRN-G92V·YNRGKLGK	469	>WRN-G92V·YNRVKGK	317	152
>WRN-G92V·YNRGKLGKV/	485	>WRN-G92V·YNRVKGKV/	1169	684
>WRN-G92V·YNRGKLGKV/	476	>WRN-G92V·YNRVKGKV/	191	285
>WRN-G92V·LYNRGKLGK	165	>WRN-G92V·LYNRVKGK	202	37
>WRN-G92V·PLYNRGKLGK	106	>WRN-G92V·PLYNRVKGK	43	63
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>WRN-G92V·PLYNRGKLGK	12	>WRN-G92V·PLYNRVKGK	9	3
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>WRN-G92V·PLYNRGKLGK	11	>WRN-G92V·PLYNRVKGK	8	3
>WRN-G92V·PLYNRGKLGK	55	>WRN-G92V·PLYNRVKGK	42	13

>WRN-G92V·PPLYNRGKL	147	>WRN-G92V·PPLYNRVKL	38	109
>WRN-G92V·WPPLYNRG	1431	>WRN-G92V·WPPLYNRV	125	1306
>WRN-G92V·EWPPLYNRG	4555	>WRN-G92V·EWPPLYNRV	496	4059
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>WRN-G92V·EWPPLYNRG	245	>WRN-G92V·EWPPLYNRVI	275	30
>WRN-G92V·MEWPPLYNR	14736	>WRN-G92V·MEWPPLYNR	145	14591
>WRN-G92V·MEWPPLYNR	19594	>WRN-G92V·MEWPPLYNR	147	19447
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>WRN-G92V·MEWPPLYNR	284	>WRN-G92V·MEWPPLYNR	191	93
>WRN-G92V·MEWPPLYNR	18404	>WRN-G92V·MEWPPLYNR	57	18347
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>WRN-I631M IKLGKYRIVYV	204	>WRN-I631M MKLGKYRIVY	100	104
>WRN-I631M IKLGKYRIV	547	>WRN-I631M MKLGKYRIV	408	139
>WRN-I631M IKLGKYRIVY	13	>WRN-I631M MKLGKYRIVY	11	2
>WRN-I631M IKLGKYRIVYV	184	>WRN-I631M MKLGKYRIVY	143	41
>WRN-I631M DIKLGKYRIVY	1292	>WRN-I631M DMKLGKYRIV	293	999
>WRN-I631M DIKLGKYR	333	>WRN-I631M DMKLGKYR	71	262
>WRN-I631M DIKLGKYR	21	>WRN-I631M DMKLGKYR	16	5
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>WRN-I631M DIKLGKYR	529	>WRN-I631M DMKLGKYR	312	217
>WRN-I631M SAQSENVLTC	210	>WRN-I631M SAQSENVLTC	5087	4877
>WRN-I631M TDIKLGKYRI	538	>WRN-I631M TDMKLGKYRI	454	84
>WRN-I631M TDIKLGKYR	469	>WRN-I631M TDMKLGKYR	312	157
>WRN-I631M TDIKLGKYRI	132	>WRN-I631M TDMKLGKYRI	176	44
>WRN-I631M TDIKLGKYRIV	372	>WRN-I631M TDMKLGKYRI	560	188
>WRN-I631M LTDIKLGKY	9	>WRN-I631M LTDMKLGKY	7	2
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>WRN-I631M LTDIKLGKY	113	>WRN-I631M LTDMKLGKY	114	1
>WRN-I631M LTDIKLGKYR	210	>WRN-I631M LTDMKLGKYF	165	45
>WRN-I631M LTDIKLGKYR	843	>WRN-I631M LTDMKLGKYF	461	382
>WRN-I631M LTDIKLGKYR	136	>WRN-I631M LTDMKLGKYF	138	2
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>WRN-I631M LTDIKLGKY	150	>WRN-I631M LTDMKLGKY	82	68
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>WRN-I631M LTDIKLGKYRI	183	>WRN-I631M LTDMKLGKYF	238	55
>WRN-I631M VLTDIKLGKY	167	>WRN-I631M VLTDIKLGK^	112	55
>WRN-I631M VLTDIKLGK	126	>WRN-I631M VLTDIKLGK	94	32
>WRN-I631M VLTDIKLGK	176	>WRN-I631M VLTDIKLGK	186	10
>WRN-I631M VLTDIKLGK	130	>WRN-I631M VLTDIKLGK	115	15
>WRN-I631M VLTDIKLGKY	39	>WRN-I631M VLTDIKLGK^	35	4

>WRN-I631M VLTDIKLGKYF	114	>WRN-I631M VLTDIKLGKYF	141	27
>WRN-I631M VLTDIKLGKYF	460	>WRN-I631M VLTDIKLGKYF	932	472
>WRN-I631M VLTDIKLGKY	67	>WRN-I631M VLTDIKLGKY	100	33
>WRN-I631M VLTDIKLGKY	327	>WRN-I631M VLTDIKLGKY	161	166
>WRN-I631M VLTDIKLGKYF	87	>WRN-I631M VLTDIKLGKYF	132	45
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>WRN-I631M NVLTDIKLGK	99	>WRN-I631M NVLTDIKLGK	147	48
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>WRN-I631M ENVLTDIK	442	>WRN-I631M ENVLTDIK	173	269
>WRN-I631M ENVLTDIKLGI	498	>WRN-I631M ENVLTDIKLGI	552	54
>WRN-I631M SENVLTDI	162	>WRN-I631M SENVLTDI	1188	1026
>WRN-I631M SENVLTDIKL	479	>WRN-I631M SENVLTDIKL	344	135
>WRN-I631M SENVLTDIKL	572	>WRN-I631M SENVLTDIKL	309	263
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>WRN-I631M SENVLTDI	558	>WRN-I631M SENVLTDI	484	74
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>WRN-I631M SENVLTDI	443	>WRN-I631M SENVLTDI	1383	940
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>WRN-I631M SENVLTDIKL	87	>WRN-I631M SENVLTDIKL	49	38
>WRN-I631M QSENVLTDIK	624	>WRN-I631M QSENVLTDIK	341	283
>WRN-I631M QSENVLTDI	1616	>WRN-I631M QSENVLTDI	93	1523
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>WRN-I631M AQSENVLTDI	251	>WRN-I631M AQSENVLTDI	1878	1627
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>WRN-L211V LYAATDAYA	458	>WRN-L211V VYAATDAYA	690	232
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>WRN-L211V KLYAATDAYA	21	>WRN-L211V KVYAATDAYA	398	377
>WRN-L211V KLYAATDA	63	>WRN-L211V KVYAATDA	1620	1557
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>WRN-L211V KLYAATDA	9	>WRN-L211V KVYAATDA	156	147
>WRN-L211V KLYAATDAYA	18	>WRN-L211V KVYAATDAYA	74	56
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>WRN-L211V KLYAATDA	47	>WRN-L211V KVYAATDA	4171	4124
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>WRN-L211V KLYAATDA	191	>WRN-L211V KVYAATDA	9097	8906
>WRN-L211V KLYAATDAYA	9	>WRN-L211V KVYAATDAYA	759	750
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>WRN-L211V KLYAATDAY	43	>WRN-L211V KVYAATDAY	56	13
>WRN-L211V KLYAATDAY	29	>WRN-L211V KVYAATDAY	131	102
>WRN-L211V KLYAATDAY	17	>WRN-L211V KVYAATDAY	161	144
>WRN-L211V KLYAATDAY	198	>WRN-L211V KVYAATDAY	41	157
>WRN-L211V KLYAATDAY	82	>WRN-L211V KVYAATDAY	25	57
>WRN-L211V KLYAATDAY	1484	>WRN-L211V KVYAATDAY	135	1349
>WRN-L211V KLYAATDAY	73	>WRN-L211V KVYAATDAY	28	45
>WRN-L211V SKFPLTEDQK	65	>WRN-L211V SKFPLTEDQK	145	80
>WRN-L211V QKLYAATDA	451	>WRN-L211V QKVYAATDA	557	106

>WRN-L211VQKLYAATDA\	8	>WRN-L211VQKVYAATDA'	9	1
>WRN-L211VDQKLYAATD/	387	>WRN-L211VDQKVYAATD,	242	145
>WRN-L211VDQKLYAATD/	565	>WRN-L211VDQKVYAATD,	297	268
>WRN-L211VDQKLYAATD/	497	>WRN-L211VDQKVYAATD,	195	302
>WRN-L211VDQKLYAATD/	147	>WRN-L211VDQKVYAATD,	203	56
>WRN-L211V TEDQKLYAA	294	>WRN-L211V TEDQKVYAA	292	2
>WRN-L211V TEDQKLYAAT	512	>WRN-L211V TEDQKVYAA	383	129
>WRN-L211V TEDQKLYA	604	>WRN-L211V TEDQKVYA	468	136
>WRN-L211V TEDQKLYAA	59	>WRN-L211V TEDQKVYAA	67	8
>WRN-L211V LTEDQKLY	20	>WRN-L211V LTEDQKVY	67	47
>WRN-L211V LTEDQKLYAA	406	>WRN-L211V LTEDQKVYAA	1558	1152
>WRN-L211V LTEDQKLY	174	>WRN-L211V LTEDQKVY	1667	1493
>WRN-L211V LTEDQKLY	19	>WRN-L211V LTEDQKVY	19	0
>WRN-L211V LTEDQKLY	203	>WRN-L211V LTEDQKVY	232	29
>WRN-L211V PLTEDQKL	1187	>WRN-L211V PLTEDQKV	91	1096
>WRN-L211V PLTEDQKLYA	628	>WRN-L211V PLTEDQKVYA	449	179
>WRN-L211V PLTEDQKL	572	>WRN-L211V PLTEDQKV	28	544
>WRN-L211V PLTEDQKLYA	575	>WRN-L211V PLTEDQKVYA	477	98
>WRN-L211V PLTEDQKL	2527	>WRN-L211V PLTEDQKV	144	2383
>WRN-L211V PLTEDQKL	30	>WRN-L211V PLTEDQKV	6	24
>WRN-L211V PLTEDQKLYA	70	>WRN-L211V PLTEDQKVYA	59	11
>WRN-L211V PLTEDQKLYA	151	>WRN-L211V PLTEDQKVYA	163	12
>WRN-L211V PLTEDQKLY	478	>WRN-L211V PLTEDQKVY	4294	3816
>WRN-L211V FPLTEDQKL	410	>WRN-L211V FPLTEDQKV	2225	1815
>WRN-L211V FPLTEDQKL	103	>WRN-L211V FPLTEDQKV	722	619
>WRN-L211V FPLTEDQKLY	35	>WRN-L211V FPLTEDQKVY	20	15
>WRN-L211V FPLTEDQKL	1911	>WRN-L211V FPLTEDQKV	411	1500
>WRN-L211V FPLTEDQKL	45	>WRN-L211V FPLTEDQKV	153	108
>WRN-L211V FPLTEDQKLY	158	>WRN-L211V FPLTEDQKVY	132	26
>WRN-L211V FPLTEDQKLY,	466	>WRN-L211V FPLTEDQKVY	618	152
>WRN-L211V FPLTEDQKL	17469	>WRN-L211V FPLTEDQKV	394	17075
>WRN-L211V FPLTEDQKLY,	34	>WRN-L211V FPLTEDQKVY	18	16
>WRN-L211V FPLTEDQKLY	1365	>WRN-L211V FPLTEDQKVY	194	1171
>WRN-L211V FPLTEDQKL	90	>WRN-L211V FPLTEDQKV	689	599
>WRN-L211V FPLTEDQKLY	34	>WRN-L211V FPLTEDQKVY	25	9
>WRN-L211V KFPLTEDQKL	116	>WRN-L211V KFPLTEDQKV	3477	3361
>WRN-M602 MEDQVLQL	76	>WRN-M602 KEDQVLQL	163	87
>WRN-M602 MEDQVLQLK	403	>WRN-M602 KEDQVLQLK	2449	2046
>WRN-M602 MEDQVLQL	393	>WRN-M602 KEDQVLQL	5434	5041
>WRN-M602 MEDQVLQL	33	>WRN-M602 KEDQVLQL	35	2
>WRN-M602 MEDQVLQL	380	>WRN-M602 KEDQVLQL	139	241
>WRN-M602 MEDQVLQL	472	>WRN-M602 KEDQVLQL	1656	1184
>WRN-M602 MEDQVLQLK	222	>WRN-M602 KEDQVLQLK	176	46

>WRN-M602 LMEDQVLQL	106	>WRN-M602 LKEDQVLQL	22880	22774
>WRN-M602 LMEDQVLQL	19	>WRN-M602 LKEDQVLQL	12406	12387
>WRN-M602 LMEDQVLQL	115	>WRN-M602 LKEDQVLQL	19155	19040
>WRN-M602 LMEDQVLQL	337	>WRN-M602 LKEDQVLQL	16048	15711
>WRN-M602 LMEDQVLQL	14	>WRN-M602 LKEDQVLQL	13461	13447
>WRN-M602 LMEDQVLQL	495	>WRN-M602 LKEDQVLQLK	25327	24832
>WRN-M602 LMEDQVLQL	62	>WRN-M602 LKEDQVLQL	23220	23158
>WRN-M602 LMEDQVLQL	131	>WRN-M602 LKEDQVLQL	21968	21837
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>WRN-M602 LMEDQVLQ	61	>WRN-M602 LKEDQVLQ	29009	28948
>WRN-M602 LMEDQVLQL	2	>WRN-M602 LKEDQVLQL	7841	7839
>WRN-M602 LMEDQVLQL	416	>WRN-M602 LKEDQVLQLK	32997	32581
>WRN-M602 LMEDQVLQL	42	>WRN-M602 LKEDQVLQLK	27260	27218
>WRN-M602 LMEDQVLQL	228	>WRN-M602 LKEDQVLQLK	15129	14901
>WRN-M602 LMEDQVLQL	205	>WRN-M602 LKEDQVLQLK	14334	14129
>WRN-M602 GLVISPLISLM	449	>WRN-M602 GLVISPLISLK	7522	7073
>WRN-M602 GLVISPLISLM	333	>WRN-M602 GLVISPLISLK	9341	9008
>WRN-M602 GLVISPLISLM	410	>WRN-M602 GLVISPLISLK	9806	9396
>WRN-M602 GLVISPLISLM	228	>WRN-M602 GLVISPLISLK	4355	4127
>WRN-M602 GLVISPLISLM	16904	>WRN-M602 GLVISPLISLK	81	16823
>WRN-M602 GLVISPLISLM	23062	>WRN-M602 GLVISPLISLK	47	23015
>WRN-M602 GLVISPLISLM	123	>WRN-M602 GLVISPLISLK	10908	10785
>WRN-M602 SLMEDQVL	24	>WRN-M602 SLKEDQVL	2230	2206
>WRN-M602 SLMEDQVLQ	13	>WRN-M602 SLKEDQVLQL	757	744
>WRN-M602 SLMEDQVL	8	>WRN-M602 SLKEDQVL	127	119
>WRN-M602 SLMEDQVLQ	99	>WRN-M602 SLKEDQVLQ	2322	2223
>WRN-M602 SLMEDQVLQ	10	>WRN-M602 SLKEDQVLQL	63	53
>WRN-M602 SLMEDQVL	38	>WRN-M602 SLKEDQVL	148	110
>WRN-M602 SLMEDQVLQ	25	>WRN-M602 SLKEDQVLQL	160	135
>WRN-M602 SLMEDQVL	124	>WRN-M602 SLKEDQVL	7163	7039
>WRN-M602 SLMEDQVLQ	86	>WRN-M602 SLKEDQVLQL	3710	3624
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>WRN-M602 SLMEDQVLQ	3	>WRN-M602 SLKEDQVLQL	51	48
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>WRN-M602 SLMEDQVLQ	6	>WRN-M602 SLKEDQVLQL	152	146
>WRN-M602 SLMEDQVL	11	>WRN-M602 SLKEDQVL	425	414
>WRN-M602 SLMEDQVLQ	363	>WRN-M602 SLKEDQVLQ	9113	8750
>WRN-M602 SLMEDQVLQ	6	>WRN-M602 SLKEDQVLQL	77	71
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>WRN-M602 SLMEDQVLQ	4	>WRN-M602 SLKEDQVLQL	1093	1089
>WRN-M602 SLMEDQVL	4	>WRN-M602 SLKEDQVL	9	5
>WRN-M602 SLMEDQVLQ	29	>WRN-M602 SLKEDQVLQ	137	108
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>WRN-M602 SLMEDQVLQ	200	>WRN-M602 SLKEDQVLQL	1328	1128
>WRN-M602 SLMEDQVLQ	54	>WRN-M602 SLKEDQVLQL	174	120
>WRN-M602 SLMEDQVLQ	21	>WRN-M602 SLKEDQVLQL	443	422
>WRN-M602 SLMEDQVLQ	2073	>WRN-M602 SLKEDQVLQL	78	1995
>WRN-M602 SLMEDQVLQ	364	>WRN-M602 SLKEDQVLQL	7189	6825
>WRN-M602 SLMEDQVLQ	362	>WRN-M602 SLKEDQVLQL	1817	1455
>WRN-M602 SLMEDQVLQ	299	>WRN-M602 SLKEDQVLQL	5568	5269
>WRN-M602 SLMEDQVL	440	>WRN-M602 SLKEDQVL	16460	16020
>WRN-M602 SLMEDQVLQ	385	>WRN-M602 SLKEDQVLQL	1964	1579
>WRN-M602 ISLMEDQVL	477	>WRN-M602 ISLKEDQVL	422	55
>WRN-M602 ISLMEDQVL	19	>WRN-M602 ISLKEDQVL	66	47
>WRN-M602 ISLMEDQVLC	6	>WRN-M602 ISLKEDQVLQI	11	5
>WRN-M602 ISLMEDQVLC	238	>WRN-M602 ISLKEDQVLQI	227	11
>WRN-M602 LISLMEDQV	137	>WRN-M602 LISLKEDQV	254	117
>WRN-M602 LISLMEDQV	43	>WRN-M602 LISLKEDQV	79	36
>WRN-M602 PLISLMEDQV	113	>WRN-M602 PLISLKEDQV	167	54
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>WRN-M602 PLISLMEDQV	23	>WRN-M602 PLISLKEDQV	29	6
>WRN-M602 PLISLMEDQV	248	>WRN-M602 PLISLKEDQVL	279	31
>WRN-M602 SPLISLMEDQV	496	>WRN-M602 SPLISLKEDQV	1512	1016
>WRN-M602 SPLISLMEDQV	460	>WRN-M602 SPLISLKEDQV	787	327
>WRN-M602 ISPLISLM	424	>WRN-M602 ISPLISLK	17201	16777
>WRN-M602 ISPLISLM	21736	>WRN-M602 ISPLISLK	377	21359
>WRN-M602 ISPLISLM	24623	>WRN-M602 ISPLISLK	74	24549
>WRN-M602 ISPLISLM	23088	>WRN-M602 ISPLISLK	310	22778
>WRN-M602 ISPLISLM	337	>WRN-M602 ISPLISLK	20023	19686
>WRN-M602 ISPLISLM	4	>WRN-M602 ISPLISLK	270	266
>WRN-M602 ISPLISLME	94	>WRN-M602 ISPLISLKE	474	380
>WRN-M602 ISPLISLM	369	>WRN-M602 ISPLISLK	20666	20297
>WRN-M602 VISPLISLM	162	>WRN-M602 VISPLISLK	9511	9349
>WRN-M602 VISPLISLM	189	>WRN-M602 VISPLISLK	12142	11953
>WRN-M602 VISPLISLM	477	>WRN-M602 VISPLISLK	8779	8302
>WRN-M602 VISPLISLM	15361	>WRN-M602 VISPLISLK	42	15319
>WRN-M602 VISPLISLM	15204	>WRN-M602 VISPLISLK	10	15194
>WRN-M602 VISPLISLM	18919	>WRN-M602 VISPLISLK	171	18748
>WRN-M602 VISPLISLM	11	>WRN-M602 VISPLISLK	3199	3188
>WRN-M602 LVISPLISLM	175	>WRN-M602 LVISPLISLK	8581	8406
>WRN-M602 LVISPLISLM	418	>WRN-M602 LVISPLISLK	6733	6315
>WRN-M602 LVISPLISLM	239	>WRN-M602 LVISPLISLK	7079	6840
>WRN-M602 LVISPLISLM	11793	>WRN-M602 LVISPLISLK	59	11734
>WRN-M602 LVISPLISLM	27423	>WRN-M602 LVISPLISLK	23	27400
>WRN-M602 LVISPLISLM	8	>WRN-M602 LVISPLISLK	3585	3577
>WRN-M602 LVISPLISLM	446	>WRN-M602 LVISPLISLK	12421	11975

>WRN-M602 LVISPLISLM	8420	>WRN-M602 LVISPLISLK	321	8099
>WRN-M602 LVISPLISLM	9284	>WRN-M602 LVISPLISLK	24	9260
>WRN-M602 LVISPLISLM	412	>WRN-M602 LVISPLISLK	16564	16152
>WRN-M602 LVISPLISLM	488	>WRN-M602 LVISPLISLK	21240	20752
>WRN-M602 LVISPLISLM	133	>WRN-M602 LVISPLISLK	23215	23082
>WRN-R999(C RRHSLFGTGK	333	>WRN-R999(C CRHSLFGTGK	8051	7718
>WRN-R999(C RRHSLFGT	108	>WRN-R999(C CRHSLFGT	2310	2202
>WRN-R999(C RRHSLFGTG	350	>WRN-R999(C CRHSLFGTG	6680	6330
>WRN-R999(C RRHSLFGTGK	16	>WRN-R999(C CRHSLFGTGK	159	143
>WRN-R999(C RRHSLFGT	82	>WRN-R999(C CRHSLFGT	4454	4372
>WRN-R999(C RRHSLFGTG	159	>WRN-R999(C CRHSLFGTG	12386	12227
>WRN-R999(C RRHSLFGTGK	85	>WRN-R999(C CRHSLFGTGK	2326	2241
>WRN-R999(C RRHSLFGT	351	>WRN-R999(C CRHSLFGT	1340	989
>WRN-R999(C RRHSLFGTG	140	>WRN-R999(C CRHSLFGTG	2965	2825
>WRN-R999(C RRHSLFGTGK	45	>WRN-R999(C CRHSLFGTGK	514	469
>WRN-R999(C YRRHSLFGTG	920	>WRN-R999(C YCRHSLFGTG	110	810
>WRN-R999(C YRRHSLFGTG	234	>WRN-R999(C YCRHSLFGTG	3716	3482
>WRN-R999(C YRRHSLFGTG	79	>WRN-R999(C YCRHSLFGTG	21930	21851
>WRN-R999(C SNSQRLADQ'	450	>WRN-R999(C SNSQRLADQ'	32178	31728
>WRN-R999(C QYRRHSLF	137	>WRN-R999(C QYCRHSLF	184	47
>WRN-R999(C QYRRHSLF	73	>WRN-R999(C QYCRHSLF	60	13
>WRN-R999(C QYRRHSLF	11	>WRN-R999(C QYCRHSLF	7	4
>WRN-R999(C QYRRHSLF	165	>WRN-R999(C QYCRHSLF	11453	11288
>WRN-R999(C QYRRHSLFG	7	>WRN-R999(C QYCRHSLFG	1679	1672
>WRN-R999(C QYRRHSLFGT	197	>WRN-R999(C QYCRHSLFGT	9909	9712
>WRN-R999(C QYRRHSLFGT	84	>WRN-R999(C QYCRHSLFGT	7336	7252
>WRN-R999(C QYRRHSLF	285	>WRN-R999(C QYCRHSLF	1238	953
>WRN-R999(C DQYRRHSLF	401	>WRN-R999(C DQYCRHSLF	994	593
>WRN-R999(C DQYRRHSL	167	>WRN-R999(C DQYCRHSL	511	344
>WRN-R999(C DQYRRHSLF	638	>WRN-R999(C DQYCRHSLF	391	247
>WRN-R999(C DQYRRHSLF	277	>WRN-R999(C DQYCRHSLF	287	10
>WRN-R999(C DQYRRHSL	320	>WRN-R999(C DQYCRHSL	166	154
>WRN-R999(C DQYRRHSLF	22	>WRN-R999(C DQYCRHSLF	20	2
>WRN-R999(C DQYRRHSL	875	>WRN-R999(C DQYCRHSL	395	480
>WRN-R999(C DQYRRHSLF	879	>WRN-R999(C DQYCRHSLF	495	384
>WRN-R999(C DQYRRHSL	547	>WRN-R999(C DQYCRHSL	398	149
>WRN-R999(C ADQYRRHSL	241	>WRN-R999(C ADQYCRHSL	8685	8444
>WRN-R999(C ADQYRRHSL	1942	>WRN-R999(C ADQYCRHSL	246	1696
>WRN-R999(C ADQYRRHSLF	216	>WRN-R999(C ADQYCRHSLF	158	58
>WRN-R999(C ADQYRRHSLF	956	>WRN-R999(C ADQYCRHSLF	471	485
>WRN-R999(C LADQYRRHSL	128	>WRN-R999(C LADQYCRHSL	102	26
>WRN-R999(C LADQYRRHSL	93	>WRN-R999(C LADQYCRHSL	63	30
>WRN-R999(C RLADQYRRH!	134	>WRN-R999(C RLADQYCRH!	37	97



>WRN-R999C RLADQYRRH	8	>WRN-R999C RLADQYCRH	5	3
>WRN-R999C RLADQYRRH	15	>WRN-R999C RLADQYCRH	13	2
>WRN-R999C RLADQYRRH	201	>WRN-R999C RLADQYCRH	53	148
>WRN-R999C RLADQYRRH	31	>WRN-R999C RLADQYCRH	22	9
>WRN-R999C RLADQYRRH	88	>WRN-R999C RLADQYCRH	26	62
>WRN-R999C RLADQYRRH	90	>WRN-R999C RLADQYCRH	33	57
>WRN-R999C RLADQYRRH	226	>WRN-R999C RLADQYCRH	40	186
>WRN-R999C RLADQYRRH	3	>WRN-R999C RLADQYCRH	3	0
>WRN-R999C RLADQYRR	18	>WRN-R999C RLADQYCR	21	3
>WRN-R999C RLADQYRRH	368	>WRN-R999C RLADQYCRH	414	46
>WRN-R999C RLADQYRRH	180	>WRN-R999C RLADQYCRH	283	103
>WRN-R999C RLADQYRRH	422	>WRN-R999C RLADQYCRH	978	556
>WRN-R999C RLADQYRRH	805	>WRN-R999C RLADQYCRH	450	355
>WRN-R999C RLADQYRR	41	>WRN-R999C RLADQYCR	62	21
>WRN-R999C QRLADQYR	389	>WRN-R999C QRLADQYC	6949	6560
>WRN-R999C QRLADQYRR	107	>WRN-R999C QRLADQYCR	149	42
>WRN-R999C QRLADQYR	66	>WRN-R999C QRLADQYC	33099	33033
>WRN-R999C QRLADQYRR	137	>WRN-R999C QRLADQYCR	297	160
>WRN-R999C SURLADQYR	394	>WRN-R999C SURLADQYC	3377	2983
>WRN-R999C SURLADQYR	51	>WRN-R999C SURLADQYC	21492	21441
>WRN-R999C SURLADQYRF	201	>WRN-R999C SURLADQYCF	138	63
>WRN-R999C SURLADQYR	289	>WRN-R999C SURLADQYC	33392	33103
>WRN-R999C NSURLADQYI	252	>WRN-R999C NSURLADQYI	31192	30940
>WRN-R999C NSURLADQYI	335	>WRN-R999C NSURLADQYI	403	68
>WRN-R999C NSURLADQYI	231	>WRN-R999C NSURLADQYI	28368	28137
>WRN-R999C NSURLADQYI	64	>WRN-R999C NSURLADQYI	36797	36733
>WRN-R999C NSURLADQYI	102	>WRN-R999C NSURLADQYI	105	3
>WRN-T123C QTDLFSSTK	50	>WRN-T123C QSDFLSSTK	86	36
>WRN-T123C QTDLFSSTK	124	>WRN-T123C QSDFLSSTK	589	465
>WRN-T123C VQTDLFSS	2040	>WRN-T123C VQSDLFSS	448	1592
>WRN-T123C VQTDLFSS	72	>WRN-T123C VQSDLFSS	72	0
>WRN-T123C VQTDLFSS	26	>WRN-T123C VQSDLFSS	26	0
>WRN-T123C VQTDLFSSTK	243	>WRN-T123C VQSDLFSSTK	92	151
>WRN-T123C VQTDLFSSTK	72	>WRN-T123C VQSDLFSSTK	35	37
>WRN-T123C VQTDLFSSTK	927	>WRN-T123C VQSDLFSSTK	441	486
>WRN-T123C VQTDLFSSTK	841	>WRN-T123C VQSDLFSSTK	338	503
>WRN-T123C SVQTDLFSS	15	>WRN-T123C SVQSDLFSS	15	0
>WRN-T123C SVQTDLFSS	225	>WRN-T123C SVQSDLFSS	263	38
>WRN-T123C SVQTDLFSS	245	>WRN-T123C SVQSDLFSS	164	81
>WRN-T123C NSVQTDLF	91	>WRN-T123C NSVQSDLF	35	56
>WRN-T123C NSVQTDLF	187	>WRN-T123C NSVQSDLF	314	127
>WRN-T123C QTNSVQTDL	450	>WRN-T123C QTNSVQSDL	1756	1306
>WRN-T123C QTNSVQTDLI	106	>WRN-T123C QTNSVQSDLI	310	204

>WRN-T123C QTNSVQTDL	217	>WRN-T123C QTNSVQSDL	199	18
>WRN-T123C QTNSVQTDLI	208	>WRN-T123C QTNSVQSDLF	106	102
>WRN-T123C QTNSVQTDLI	84	>WRN-T123C QTNSVQSDLF	118	34
>WRN-T123C QTNSVQTDL	317	>WRN-T123C QTNSVQSDL	50	267
>WRN-T123C QTNSVQTDLI	374	>WRN-T123C QTNSVQSDLF	231	143
>WRN-T123C CQTNSVQTD	93	>WRN-T123C CQTNSVQSDI	72	21
>WRN-T123C CQTNSVQTD	30	>WRN-T123C CQTNSVQSDI	27	3
>WRN-T123C CQTNSVQTD	286	>WRN-T123C CQTNSVQSDI	344	58
>WRN-V131Z VQKIIADVI	400	>WRN-V131Z FQKIIADVI	86	314
>WRN-V131Z VQKIIADV	4840	>WRN-V131Z FQKIIADV	354	4486
>WRN-V131Z VQKIIADV	195	>WRN-V131Z FQKIIADV	17	178
>WRN-V131Z VQKIIADV	501	>WRN-V131Z FQKIIADV	24	477
>WRN-V131Z VQKIIADVI	2811	>WRN-V131Z FQKIIADVI	119	2692
>WRN-V131Z VQKIIADVIR	4301	>WRN-V131Z FQKIIADVIR	353	3948
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>WRN-V131Z EVQKIIADV	441	>WRN-V131Z EFQKIIADV	9134	8693
>WRN-V131Z EVQKIIADVI	11565	>WRN-V131Z EFQKIIADVI	447	11118
>WRN-V131Z EVQKIIADVIR	156	>WRN-V131Z EFQKIIADVIR	61	95
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>WRN-V131Z EVQKIIADV	12	>WRN-V131Z EFQKIIADV	3351	3339
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>WRN-V131Z EVQKIIADVIR	511	>WRN-V131Z EFQKIIADVIR	76	435
>WRN-V131Z DLERAGLTPE	263	>WRN-V131Z DLERAGLTPE	21595	21332
>WRN-V131Z DLERAGLTPE	18	>WRN-V131Z DLERAGLTPE	16141	16123
>WRN-V131Z PEVQKIIADVI	149	>WRN-V131Z PEFQKIIADVI	33	116
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>WRN-V131Z LTPEVQKI	434	>WRN-V131Z LTPEFQKI	762	328
>WRN-V131Z LTPEVQKI	298	>WRN-V131Z LTPEFQKI	351	53
>WRN-V131Z LTPEVQKI	24	>WRN-V131Z LTPEFQKI	11	13
>WRN-V131Z LTPEVQKII	5	>WRN-V131Z LTPEFQKII	3	2
>WRN-V131Z LTPEVQKIIA	191	>WRN-V131Z LTPEFQKIIA	77	114
>WRN-V131Z LTPEVQKIIAD	833	>WRN-V131Z LTPEFQKIIAD	326	507
>WRN-V131Z LTPEVQKI	50	>WRN-V131Z LTPEFQKI	31	19
>WRN-V131Z LTPEVQKII	39	>WRN-V131Z LTPEFQKII	21	18
>WRN-V131Z GLTPEVQKI	69	>WRN-V131Z GLTPEFQKI	86	17
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>WRN-V131Z GLTPEVQKI	2747	>WRN-V131Z GLTPEFQKI	329	2418
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>WRN-V131Z GLTPEVQKII	285	>WRN-V131Z GLTPEFQKII	542	257
>WRN-V131Z GLTPEVQKI	54	>WRN-V131Z GLTPEFQKI	99	45
>WRN-V131Z GLTPEVQKII	186	>WRN-V131Z GLTPEFQKII	254	68
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>WRN-V1312GLTPEVQKII	128	>WRN-V1312GLTPEFQKII	333	205
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>WRN-V1312GLTPEVQK	613	>WRN-V1312GLTPEFQK	464	149
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>WRN-V1312GLTPEVQKII	37	>WRN-V1312GLTPEFQKII	36	1
>WRN-V1312GLTPEVQKIIA	24	>WRN-V1312GLTPEFQKIIA	31	7
>WRN-V1312GLTPEVQK	604	>WRN-V1312GLTPEFQK	321	283
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>WRN-V1312RAGLTPEV	8457	>WRN-V1312RAGLTPEF	252	8205
>WRN-V1312RAGLTPEV	4599	>WRN-V1312RAGLTPEF	26	4573
>WRN-V1312RAGLTPEV	10167	>WRN-V1312RAGLTPEF	54	10113
>WRN-V1312RAGLTPEVQK	143	>WRN-V1312RAGLTPEFQK	97	46
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>WT1-A31V-AAQWAPVLC	1844	>WT1-A31V-VAQWAPVLC	321	1523
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>WT1-A31V- SGAAQWAPV	142	>WT1-A31V- SGVAQWAPV	94	48
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>WT1-A31V- VSGAAQWAF	106	>WT1-A31V- VSGVAQWAF	133	27
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>WT1-A31V- PVSGAAQWAF	141	>WT1-A31V- PVSGVAQWAF	168	27
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>WT1-A31V- ALPVSGAAQ\	17	>WT1-A31V- ALPVSGVAQ\	18	1
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>WT1-A31V- CALPVSGA	2259	>WT1-A31V- CALPVSGV	261	1998
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>WT1-C107S ACRYGPFPG	145	>WT1-C107S ASRYGPFPG	15	130
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>WT1-C107S GACRYGPF	304	>WT1-C107S GASRYGPF	290	14
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>WT1-C107S AGACRYGPF	3117	>WT1-C107S AGASRYGPF	356	2761
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>WT1-C107S AGACRYGPF	266	>WT1-C107S AGASRYGPF	289	23
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>WT1-C107S GTAGACRY	57	>WT1-C107S GTAGASRY	29	28
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>WT1-C282R TTPILCGAQY	179	>WT1-C282R TTPILRGAQY	127	52
>WT1-C282R TTPILCGAQYI	30	>WT1-C282R TTPILRGAQYI	28	2
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>WT1-C385Y QCKTCQRKFS	271	>WT1-C385Y QYKTCQRKFS	21	250
>WT1-C385Y QCKTCQRKFS	1238	>WT1-C385Y QYKTCQRKFS	72	1166
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>WT1-C385Y RRHTGVKPF	3308	>WT1-C385Y RRHTGVKPF	36	3272
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>WT1-C385Y RRHTGVKPF	251	>WT1-C385Y RRHTGVKPF	158	93
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>WT1-C385Y FQCKTCQR	709	>WT1-C385Y FQYKTCQR	156	553
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>WT1-C385Y FQCKTCQRK	581	>WT1-C385Y FQYKTCQRK	52	529
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>WT1-C385Y FQCKTCQRKF	2260	>WT1-C385Y FQYKTCQRKF	194	2066
>WT1-C385Y FQCKTCQR	314	>WT1-C385Y FQYKTCQR	158	156
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>WT1-D299Y HGVFRGIQD\	536	>WT1-D299Y HGVFRGIQY\	318	218
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>WT1-D299Y HGVFRGIQD\	430	>WT1-D299Y HGVFRGIQY\	70	360
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>WT1-D396F FSRSDHLK	2364	>WT1-D396F FSRSHHLK	281	2083
>WT1-D396F FSRSDHLK	1413	>WT1-D396F FSRSHHLK	423	990
>WT1-D396F FSRSDHLK	60	>WT1-D396F FSRSHHLK	9	51
>WT1-D396F FSRSDHLK	2980	>WT1-D396F FSRSHHLK	376	2604
>WT1-D396F FSRSDHLK	165	>WT1-D396F FSRSHHLK	146	19
>WT1-D396F FSRSDHLKTH	747	>WT1-D396F FSRSHHLKTH	399	348
>WT1-D396F FSRSDHLKTH	351	>WT1-D396F FSRSHHLKTH	156	195

>WT1-D396F KFSRSDHLK	1118	>WT1-D396F KFSRSHHLK	178	940
>WT1-D396F KFSRSDHLK	283	>WT1-D396F KFSRSHHLK	83	200
>WT1-D396F KFSRSDHL	2141	>WT1-D396F KFSRSHHL	388	1753
>WT1-D396F KFSRSDHL	362	>WT1-D396F KFSRSHHL	129	233
>WT1-D396F KFSRSDHL	2900	>WT1-D396F KFSRSHHL	220	2680
>WT1-D396F KFSRSDHLK	23	>WT1-D396F KFSRSHHLK	6	17
>WT1-D396F KFSRSDHLK	49	>WT1-D396F KFSRSHHLK	12	37
>WT1-D396F KFSRSDHLK	143	>WT1-D396F KFSRSHHLK	122	21
>WT1-D396F KFSRSDHL	147	>WT1-D396F KFSRSHHL	112	35
>WT1-D396F KFSRSDHLK	375	>WT1-D396F KFSRSHHLK	242	133
>WT1-D396F RKFSRSDHLK	2295	>WT1-D396F RKFSRSHHLK	337	1958
>WT1-D396F RKFSRSDHLK	253	>WT1-D396F RKFSRSHHLK	28	225
>WT1-D396F RKFSRSDHLK	1013	>WT1-D396F RKFSRSHHLK	219	794
>WT1-D396F RKFSRSDH	17	>WT1-D396F RKFSRSHH	12	5
>WT1-D396F RKFSRSDHL	6	>WT1-D396F RKFSRSHHL	4	2
>WT1-D396F RKFSRSDHLK	104	>WT1-D396F RKFSRSHHLK	36	68
>WT1-D396F RKFSRSDHLK	174	>WT1-D396F RKFSRSHHLK	89	85
>WT1-D396F RKFSRSDHL	614	>WT1-D396F RKFSRSHHL	107	507
>WT1-D396F RKFSRSDHLK	275	>WT1-D396F RKFSRSHHLK	201	74
>WT1-D396F RKFSRSDHL	3334	>WT1-D396F RKFSRSHHL	365	2969
>WT1-D396F RKFSRSDHL	1027	>WT1-D396F RKFSRSHHL	260	767
>WT1-D396F RKFSRSDHLK	657	>WT1-D396F RKFSRSHHLK	277	380
>WT1-D396F QRKFSRSDHL	520	>WT1-D396F QRKFSRSHHL	79	441
>WT1-D396F QRKFSRSDHL	706	>WT1-D396F QRKFSRSHHL	379	327
>WT1-D396F QRKFSRSDHL	874	>WT1-D396F QRKFSRSHHL	222	652
>WT1-D396F QRKFSRSDHL	1191	>WT1-D396F QRKFSRSHHL	248	943
>WT1-D396F QRKFSRSDHL	633	>WT1-D396F QRKFSRSHHL	269	364
>WT1-D396F CQRKFSRSDH	1454	>WT1-D396F CQRKFSRSHH	332	1122
>WT1-D396F CQRKFSRSDH	557	>WT1-D396F CQRKFSRSHH	327	230
>WT1-D396F CQRKFSRSD	5784	>WT1-D396F CQRKFSRSH	132	5652
>WT1-D396F CQRKFSRSDH	171	>WT1-D396F CQRKFSRSHH	121	50
>WT1-D396F CQRKFSRSDH	104	>WT1-D396F CQRKFSRSHH	46	58
>WT1-D396N DHLKTHTR	601	>WT1-D396N NHLKTHTR	160	441
>WT1-D396N SDHLKTHTR	3823	>WT1-D396N SNHLKTHTR	341	3482
>WT1-D396N SDHLKTHTR	612	>WT1-D396N SNHLKTHTR	267	345
>WT1-D396N RSDHLKTHTR	27	>WT1-D396N RSNHLKTHTR	8	19
>WT1-D396N RSDHLKTH	388	>WT1-D396N RSNHLKTH	259	129
>WT1-D396N RSDHLKTH	408	>WT1-D396N RSNHLKTH	814	406
>WT1-D396N RSDHLKTHTR	310	>WT1-D396N RSNHLKTHTR	128	182
>WT1-D396N SRSDHLKTHT	890	>WT1-D396N RSNHLKTHT	454	436
>WT1-D396N SRSDHLKTHT	411	>WT1-D396N RSNHLKTHT	822	411
>WT1-D396N FSRSDHLK	60	>WT1-D396N FSRSNHLK	12	48
>WT1-D396N FSRSDHLK	165	>WT1-D396N FSRSNHLK	96	69

>WT1-D396M FSRSDHLKTH	747	>WT1-D396M FSRSNHLKTH	446	301
>WT1-D396M FSRSDHLKTH	351	>WT1-D396M FSRSNHLKTH	167	184
>WT1-D396M KFSRSDHL	1386	>WT1-D396M KFSRSNHL	299	1087
>WT1-D396M KFSRSDHLK	1118	>WT1-D396M KFSRSNHLK	232	886
>WT1-D396M KFSRSDHLK	283	>WT1-D396M KFSRSNHLK	104	179
>WT1-D396M KFSRSDHL	362	>WT1-D396M KFSRSNHL	308	54
>WT1-D396M KFSRSDHL	2900	>WT1-D396M KFSRSNHL	328	2572
>WT1-D396M KFSRSDHLK	23	>WT1-D396M KFSRSNHLK	9	14
>WT1-D396M KFSRSDHLK	49	>WT1-D396M KFSRSNHLK	29	20
>WT1-D396M KFSRSDHLK	143	>WT1-D396M KFSRSNHLK	107	36
>WT1-D396M KFSRSDHL	147	>WT1-D396M KFSRSNHL	163	16
>WT1-D396M KFSRSDHLK	375	>WT1-D396M KFSRSNHLK	264	111
>WT1-D396M RKFSRSDHL	1778	>WT1-D396M RKFSRSNHL	353	1425
>WT1-D396M RKFSRSDHLK	253	>WT1-D396M RKFSRSNHLK	41	212
>WT1-D396M RKFSRSDHLK	1013	>WT1-D396M RKFSRSNHLK	458	555
>WT1-D396M RKFSRSDH	17	>WT1-D396M RKFSRSNH	9	8
>WT1-D396M RKFSRSDHL	6	>WT1-D396M RKFSRSNHL	3	3
>WT1-D396M RKFSRSDHLK	104	>WT1-D396M RKFSRSNHLK	38	66
>WT1-D396M RKFSRSDHLK	174	>WT1-D396M RKFSRSNHLK	75	99
>WT1-D396M RKFSRSDHL	614	>WT1-D396M RKFSRSNHL	492	122
>WT1-D396M RKFSRSDHLK	275	>WT1-D396M RKFSRSNHLK	407	132
>WT1-D396M RKFSRSDHL	1027	>WT1-D396M RKFSRSNHL	280	747
>WT1-D396M RKFSRSDHLK	657	>WT1-D396M RKFSRSNHLK	448	209
>WT1-D396M QRKFSRSDHL	520	>WT1-D396M QRKFSRSNHL	149	371
>WT1-D396M QRKFSRSDHL	706	>WT1-D396M QRKFSRSNHL	297	409
>WT1-D396M QRKFSRSDHL	874	>WT1-D396M QRKFSRSNHL	455	419
>WT1-D396M QRKFSRSDHL	847	>WT1-D396M QRKFSRSNHL	493	354
>WT1-D396M QRKFSRSDHL	633	>WT1-D396M QRKFSRSNHL	364	269
>WT1-D396M CQRKFSRSDH	1454	>WT1-D396M CQRKFSRSNH	299	1155
>WT1-D396M CQRKFSRSDH	557	>WT1-D396M CQRKFSRSNH	329	228
>WT1-D396M CQRKFSRSDH	171	>WT1-D396M CQRKFSRSNH	104	67
>WT1-D396M CQRKFSRSDH	104	>WT1-D396M CQRKFSRSNH	41	63
>WT1-E262A EGQSNHSTG	1566	>WT1-E262A AGQSNHSTG	243	1323
>WT1-E262A EGQSNHSTG	1239	>WT1-E262A AGQSNHSTG	140	1099
>WT1-E262A TEGQSNHSTC	529	>WT1-E262A TAGQSNHSTC	267	262
>WT1-E262A TEGQSNHSTC	19839	>WT1-E262A TAGQSNHSTC	99	19740
>WT1-E262A TEGQSNHSTC	204	>WT1-E262A TAGQSNHSTC	17737	17533
>WT1-E262A TEGQSNHSTC	7161	>WT1-E262A TAGQSNHSTC	131	7030
>WT1-E262A TEGQSNHST	422	>WT1-E262A TAGQSNHST	37453	37031
>WT1-E262A TEGQSNHSTC	348	>WT1-E262A TAGQSNHSTC	18140	17792
>WT1-E262A TEGQSNHSTC	213	>WT1-E262A TAGQSNHSTC	30019	29806
>WT1-E262A TEGQSNHST	47	>WT1-E262A TAGQSNHST	28197	28150
>WT1-E262A WTEGQSNHS	10406	>WT1-E262A WTAGQSNHS	198	10208

>WT1-E262A WTEGQSNHS	414	>WT1-E262A WTAGQSNHS	288	126
>WT1-E262A KWTEGQSN	305	>WT1-E262A KWTAGQSN	290	15
>WT1-E262A KWTEGQSNH	90	>WT1-E262A KWTAGQSNH	95	5
>WT1-E262A VKWTEGQSN	359	>WT1-E262A VKWTAGQSN	327	32
>WT1-E262A VKWTEGQSN	64	>WT1-E262A VKWTAGQSN	57	7
>WT1-E262A SVKWTEGQS	955	>WT1-E262A SVKWTAGQS	456	499
>WT1-F154S·TFDGTPSY	7921	>WT1-F154S·TSDGTPSY	28	7893
>WT1-F154S·TFDGTPSY	78	>WT1-F154S·TSDGTPSY	658	580
>WT1-F154S·TFDGTPSY	422	>WT1-F154S·TSDGTPSY	139	283
>WT1-F154S·TFDGTPSY	22655	>WT1-F154S·TSDGTPSY	25	22630
>WT1-F154S·TFDGTPSY	9576	>WT1-F154S·TSDGTPSY	66	9510
>WT1-F154S·TFDGTPSY	226	>WT1-F154S·TSDGTPSY	574	348
>WT1-F154S·IRNQGYSTVT	7	>WT1-F154S·IRNQGYSTVT	1381	1374
>WT1-F154S·IRNQGYSTVT	121	>WT1-F154S·IRNQGYSTVT	6959	6838
>WT1-F154S·VTFDGTPSY	1220	>WT1-F154S·VTSDGTPSY	108	1112
>WT1-F154S·VTFDGTPSY	477	>WT1-F154S·VTSDGTPSY	2582	2105
>WT1-F154S·VTFDGTPSY	42	>WT1-F154S·VTSDGTPSY	256	214
>WT1-F154S·VTFDGTPSYG	296	>WT1-F154S·VTSDGTPSYG	1690	1394
>WT1-F154S·VTFDGTPSY	108	>WT1-F154S·VTSDGTPSY	243	135
>WT1-F154S·VTFDGTPSY	90	>WT1-F154S·VTSDGTPSY	421	331
>WT1-F154S·VTFDGTPSY	127	>WT1-F154S·VTSDGTPSY	81	46
>WT1-F154S·VTFDGTPSY	232	>WT1-F154S·VTSDGTPSY	2231	1999
>WT1-F154S·VTFDGTPSY	10	>WT1-F154S·VTSDGTPSY	23	13
>WT1-F154S·VTFDGTPSY	6	>WT1-F154S·VTSDGTPSY	6	0
>WT1-F154S·VTFDGTPSY	138	>WT1-F154S·VTSDGTPSY	3631	3493
>WT1-F154S·VTFDGTPSY	255	>WT1-F154S·VTSDGTPSY	1745	1490
>WT1-F154S·VTFDGTPSY	93	>WT1-F154S·VTSDGTPSY	184	91
>WT1-F154S·VTFDGTPSY	42	>WT1-F154S·VTSDGTPSY	69	27
>WT1-F154S·VTFDGTPSY	463	>WT1-F154S·VTSDGTPSY	2867	2404
>WT1-F154S·VTFDGTPSY	88	>WT1-F154S·VTSDGTPSY	893	805
>WT1-F154S·VTFDGTPSY	3	>WT1-F154S·VTSDGTPSY	4	1
>WT1-F154S·VTFDGTPSYG	39	>WT1-F154S·VTSDGTPSYG	208	169
>WT1-F154S·VTFDGTPSY	149	>WT1-F154S·VTSDGTPSY	173	24
>WT1-F154S·VTFDGTPSY	420	>WT1-F154S·VTSDGTPSY	2097	1677
>WT1-F154S·VTFDGTPSY	183	>WT1-F154S·VTSDGTPSY	210	27
>WT1-F154S·VTFDGTPSY	9	>WT1-F154S·VTSDGTPSY	24	15
>WT1-F154S·VTFDGTPSYG	256	>WT1-F154S·VTSDGTPSYG	1152	896
>WT1-F154S·TVTFDGTPSY	34	>WT1-F154S·TVTSDGTPSY	21	13
>WT1-F154S·TVTFDGTPSY	383	>WT1-F154S·TVTSDGTPSY	487	104
>WT1-F154S·TVTFDGTPSY	875	>WT1-F154S·TVTSDGTPSY	475	400
>WT1-F154S·TVTFDGTPSY	337	>WT1-F154S·TVTSDGTPSY	639	302
>WT1-F154S·STVTFDGTPS	363	>WT1-F154S·STVTSDGTPS	601	238
>WT1-F154S·STVTFDGTPS	119	>WT1-F154S·STVTSDGTPS	184	65

>WT1-F154S·STVTFDGTPS'	14	>WT1-F154S·STVTSDDGTPS'	15	1
>WT1-F154S·STVTFDGTPS'	4	>WT1-F154S·STVTSDDGTPS'	4	0
>WT1-F154S·STVTFDGTPS'	96	>WT1-F154S·STVTSDDGTPS'	66	30
>WT1-F154S·STVTFDGTPS'	30	>WT1-F154S·STVTSDDGTPS'	53	23
>WT1-F154S·STVTFDGTPS'	14	>WT1-F154S·STVTSDDGTPS'	16	2
>WT1-F154S·STVTFDGTPS'	314	>WT1-F154S·STVTSDDGTPS'	433	119
>WT1-F154S·STVTFDGTPS'	208	>WT1-F154S·STVTSDDGTPS'	586	378
>WT1-F154S·STVTFDGTPS'	198	>WT1-F154S·STVTSDDGTPS'	103	95
>WT1-F154S·STVTFDGTPS'	6	>WT1-F154S·STVTSDDGTPS'	4	2
>WT1-F154S·STVTFDGTPS'	272	>WT1-F154S·STVTSDDGTPS'	332	60
>WT1-F154S·STVTFDGTPS'	15	>WT1-F154S·STVTSDDGTPS'	21	6
>WT1-F154S·QGYSTVTF	466	>WT1-F154S·QGYSTVTS	22224	21758
>WT1-F154S·QGYSTVTF	274	>WT1-F154S·QGYSTVTS	17661	17387
>WT1-F154S·QGYSTVTF	14	>WT1-F154S·QGYSTVTS	8695	8681
>WT1-F154S·QGYSTVTF	43	>WT1-F154S·QGYSTVTS	20173	20130
>WT1-F154S·QGYSTVTF	244	>WT1-F154S·QGYSTVTS	11856	11612
>WT1-F154S·NQGYSTVTF	123	>WT1-F154S·NQGYSTVTS	18825	18702
>WT1-F154S·NQGYSTVTF	43	>WT1-F154S·NQGYSTVTS	6235	6192
>WT1-F154S·NQGYSTVTF	357	>WT1-F154S·NQGYSTVTS	19491	19134
>WT1-F154S·NQGYSTVTF	5	>WT1-F154S·NQGYSTVTS	3577	3572
>WT1-F154S·RNQGYSTVTF	49	>WT1-F154S·RNQGYSTVTS	4806	4757
>WT1-F154S·RNQGYSTVTF	133	>WT1-F154S·RNQGYSTVTS	14919	14786
>WT1-F154S·RNQGYSTVTF	43	>WT1-F154S·RNQGYSTVTS	15316	15273
>WT1-F154S·RNQGYSTVTF	210	>WT1-F154S·RNQGYSTVTS	22819	22609
>WT1-G201E·SVPPPVGDC	267	>WT1-G201E·SVPPPVGDC	2471	2204
>WT1-G201E·SVPPPVGDC	112	>WT1-G201E·SVPPPVGDC	227	115
>WT1-G201E·YSVPPPVGDC	237	>WT1-G201E·YSVPPPVGDC	1212	975
>WT1-G379V·GVKPFQCK	97	>WT1-G379V·VVKPFQCK	112	15
>WT1-G379V·GVKPFQCK	18	>WT1-G379V·VVKPFQCK	20	2
>WT1-G379V·GVKPFQCK	286	>WT1-G379V·VVKPFQCK	226	60
>WT1-G379V·TGVKPFQCK	1924	>WT1-G379V·TVVKPFQCK	31	1893
>WT1-G379V·TGVKPFQCK	2712	>WT1-G379V·TVVKPFQCK	44	2668
>WT1-G379V·QLKRHQRRH'	16402	>WT1-G379V·QLKRHQRRH'	77	16325
>WT1-G379V·QLKRHQRRH'	17241	>WT1-G379V·QLKRHQRRH'	8	17233
>WT1-G379V·QLKRHQRRH'	90	>WT1-G379V·QLKRHQRRH'	20	70
>WT1-G379V·HTGVKPFQCK	324	>WT1-G379V·HTVVKPFQCK	214	110
>WT1-G379V·HTGVKPFQCK	607	>WT1-G379V·HTVVKPFQCK	166	441
>WT1-G379V·HTGVKPFQCK	231	>WT1-G379V·HTVVKPFQCK	87	144
>WT1-G379V·HTGVKPFQCK	1611	>WT1-G379V·HTVVKPFQCK	204	1407
>WT1-G379V·RHTGVKPF	80	>WT1-G379V·RHTVVKPF	36	44
>WT1-G379V·RHTGVKPF	267	>WT1-G379V·RHTVVKPF	662	395
>WT1-G379V·RRHTGVKPF	3	>WT1-G379V·RRHTVVKPF	3	0
>WT1-G379V·RRHTGVKPF	551	>WT1-G379V·RRHTVVKPF	367	184



>WT1-G379V RRHTGVKPF	42	>WT1-G379V RRHTVVKPF	26	16
>WT1-G379V RRHTGVKPF	79	>WT1-G379V RRHTVVKPF	63	16
>WT1-G379V RRHTGVKPF	172	>WT1-G379V RRHTVVKPF	85	87
>WT1-G379V RRHTGVKPF	106	>WT1-G379V RRHTVVKPF	96	10
>WT1-G379V RRHTGVKPF	77	>WT1-G379V RRHTVVKPF	68	9
>WT1-G379V RRHTGVKPF	251	>WT1-G379V RRHTVVKPF	191	60
>WT1-G379V RRHTGVKPF	102	>WT1-G379V RRHTVVKPF	91	11
>WT1-G379V RRHTGVKPF	202	>WT1-G379V RRHTVVKPF	201	1
>WT1-G379V QRRHTGVK	161	>WT1-G379V QRRHTVVK	95	66
>WT1-G379V QRRHTGVK	1110	>WT1-G379V QRRHTVVK	305	805
>WT1-G379V QRRHTGVKPI	4	>WT1-G379V QRRHTVVKPI	5	1
>WT1-G379V QRRHTGVK	684	>WT1-G379V QRRHTVVK	458	226
>WT1-G379V QRRHTGVKPI	347	>WT1-G379V QRRHTVVKPI	215	132
>WT1-G379V HQRRHTGV	161	>WT1-G379V HQRRHTVV	473	312
>WT1-G379V HQRRHTGVK	117	>WT1-G379V HQRRHTVVK	89	28
>WT1-G379V HQRRHTGV	57	>WT1-G379V HQRRHTVV	32	25
>WT1-G379V HQRRHTGVK	4	>WT1-G379V HQRRHTVVK	4	0
>WT1-G379V HQRRHTGVK	317	>WT1-G379V HQRRHTVVK	270	47
>WT1-G379V HQRRHTGVK	540	>WT1-G379V HQRRHTVVK	106	434
>WT1-G379V HQRRHTGV	790	>WT1-G379V HQRRHTVV	219	571
>WT1-G379V HQRRHTGVK	30	>WT1-G379V HQRRHTVVK	30	0
>WT1-G379V HQRRHTGVK	58	>WT1-G379V HQRRHTVVK	117	59
>WT1-G379V HQRRHTGV	178	>WT1-G379V HQRRHTVV	31	147
>WT1-G379V HQRRHTGVK	2060	>WT1-G379V HQRRHTVVK	69	1991
>WT1-G379V HQRRHTGVK	3	>WT1-G379V HQRRHTVVK	2	1
>WT1-G379V RHQRRHTG	604	>WT1-G379V RHQRRHTV	221	383
>WT1-G379V RHQRRHTGV	782	>WT1-G379V RHQRRHTVV	451	331
>WT1-G379V RHQRRHTGV	229	>WT1-G379V RHQRRHTVV	490	261
>WT1-G379V KRHQRRHTG	53	>WT1-G379V KRHQRRHTV	37	16
>WT1-G379V KRHQRRHTG	1533	>WT1-G379V KRHQRRHTV	168	1365
>WT1-G379V KRHQRRHTG	995	>WT1-G379V KRHQRRHTV	324	671
>WT1-G379V KRHQRRHTG	876	>WT1-G379V KRHQRRHTV	67	809
>WT1-G379V KRHQRRHTG	151	>WT1-G379V KRHQRRHTV	103	48
>WT1-G379V KRHQRRHTG	83	>WT1-G379V KRHQRRHTV	64	19
>WT1-G379V KRHQRRHTG	288	>WT1-G379V KRHQRRHTV	57	231
>WT1-G379V KRHQRRHTG	42	>WT1-G379V KRHQRRHTV	39	3
>WT1-G379V KRHQRRHTG	360	>WT1-G379V KRHQRRHTV	228	132
>WT1-G379V KRHQRRHTG	517	>WT1-G379V KRHQRRHTV	41	476
>WT1-G379V KRHQRRHTG	56	>WT1-G379V KRHQRRHTV	54	2
>WT1-G379V KRHQRRHTG	156	>WT1-G379V KRHQRRHTV	105	51
>WT1-G379V KRHQRRHTG	1299	>WT1-G379V KRHQRRHTV	441	858
>WT1-G379V LKRHQRRHTG	2057	>WT1-G379V LKRHQRRHTV	38	2019
>WT1-G379V LKRHQRRHTG	43	>WT1-G379V LKRHQRRHTV	19	24

>WT1-H373YHQRRHTGV	161	>WT1-H373YQRRHTGV	14	147
>WT1-H373YHQRRHTGV	723	>WT1-H373YQRRHTGV	38	685
>WT1-H373YHQRRHTGV	6708	>WT1-H373YQRRHTGV	287	6421
>WT1-H373YHQRRHTGV	6499	>WT1-H373YQRRHTGV	170	6329
>WT1-H373YHQRRHTGVK	117	>WT1-H373YQRRHTGVK	400	283
>WT1-H373YHQRRHTGV	57	>WT1-H373YQRRHTGV	1562	1505
>WT1-H373YHQRRHTGVK	4	>WT1-H373YQRRHTGVK	19	15
>WT1-H373YHQRRHTGVK	317	>WT1-H373YQRRHTGVKI	4647	4330
>WT1-H373YHQRRHTGVK	1126	>WT1-H373YQRRHTGVKI	332	794
>WT1-H373YHQRRHTGV	790	>WT1-H373YQRRHTGV	206	584
>WT1-H373YHQRRHTGVK	30	>WT1-H373YQRRHTGVKI	24	6
>WT1-H373YHQRRHTGVK	58	>WT1-H373YQRRHTGVKI	31	27
>WT1-H373YHQRRHTGV	178	>WT1-H373YQRRHTGV	36	142
>WT1-H373YHQRRHTGVK	2060	>WT1-H373YQRRHTGVK	418	1642
>WT1-H373YHQRRHTGVK	1180	>WT1-H373YQRRHTGVKI	299	881
>WT1-H373YHQRRHTGVK	3	>WT1-H373YQRRHTGVKI	2	1
>WT1-H373YRHQRRHTGV	13787	>WT1-H373YRYQRRHTGV	109	13678
>WT1-H373YRHQRRHTG	15403	>WT1-H373YRYQRRHTG	433	14970
>WT1-H373YRHQRRHTGV	18301	>WT1-H373YRYQRRHTGV	273	18028
>WT1-H373YRHQRRHTGV	13922	>WT1-H373YRYQRRHTGVI	275	13647
>WT1-H373YRHQRRHTGV	11753	>WT1-H373YRYQRRHTGV	287	11466
>WT1-H373YRHQRRHTGV	1136	>WT1-H373YRYQRRHTGVI	8	1128
>WT1-H373YRHQRRHTGV	229	>WT1-H373YRYQRRHTGV	485	256
>WT1-H373YRHQRRHTGV	10787	>WT1-H373YRYQRRHTGVI	337	10450
>WT1-H373YRFSRSDQLKR	14331	>WT1-H373YRFSRSDQLKR	467	13864
>WT1-H373YRFSRSDQLKR	18487	>WT1-H373YRFSRSDQLKR	422	18065
>WT1-H373YKRHQRRTG	53	>WT1-H373YKRYQRRTG	779	726
>WT1-H373YKRHQRRTG	995	>WT1-H373YKRYQRRTG	308	687
>WT1-H373YKRHQRRT	602	>WT1-H373YKRYQRRT	166	436
>WT1-H373YKRHQRRTG	876	>WT1-H373YKRYQRRTG	253	623
>WT1-H373YKRHQRRTG	151	>WT1-H373YKRYQRRTG	44	107
>WT1-H373YKRHQRRTG	83	>WT1-H373YKRYQRRTG	38	45
>WT1-H373YKRHQRRTG	1485	>WT1-H373YKRYQRRTG	355	1130
>WT1-H373YKRHQRRT	63	>WT1-H373YKRYQRRT	29	34
>WT1-H373YKRHQRRTG	288	>WT1-H373YKRYQRRTG	76	212
>WT1-H373YKRHQRRTG	42	>WT1-H373YKRYQRRTG	26	16
>WT1-H373YKRHQRRTG	360	>WT1-H373YKRYQRRTG	81	279
>WT1-H373YKRHQRRTG	517	>WT1-H373YKRYQRRTG	71	446
>WT1-H373YKRHQRRTG	56	>WT1-H373YKRYQRRTG	33	23
>WT1-H373YKRHQRRTG	156	>WT1-H373YKRYQRRTG	26	130
>WT1-H373YLKRHQRRT	43	>WT1-H373YLKRYQRRT	47	4
>WT1-H373YQLKRHQRR	35	>WT1-H373YQLKRYQRR	31	4
>WT1-H373YQLKRHQRRH	90	>WT1-H373YQLKRYQRRH	209	119

>WT1-H373Y DQLKRHRQ	249	>WT1-H373Y DQLKRYQR	155	94
>WT1-H373Y DQLKRHRQR	443	>WT1-H373Y DQLKRYQRR	472	29
>WT1-H373Y DQLKRHRQ	99	>WT1-H373Y DQLKRYQR	62	37
>WT1-H373Y DQLKRHRQR	159	>WT1-H373Y DQLKRYQRR	171	12
>WT1-H373Y DQLKRHRQ	573	>WT1-H373Y DQLKRYQR	352	221
>WT1-H373Y RSDQLKRH	13910	>WT1-H373Y RSDQLKRY	86	13824
>WT1-H373Y RSDQLKRHQI	25	>WT1-H373Y RSDQLKRYQF	19	6
>WT1-H373Y RSDQLKRHQI	112	>WT1-H373Y RSDQLKRYQF	98	14
>WT1-H373Y RSDQLKRH	739	>WT1-H373Y RSDQLKRY	6	733
>WT1-H373Y RSDQLKRH	1451	>WT1-H373Y RSDQLKRY	33	1418
>WT1-H373Y RSDQLKRHQI	564	>WT1-H373Y RSDQLKRYQF	228	336
>WT1-H373Y FSRSDQLKRH	15075	>WT1-H373Y FSRSDQLKRY	70	15005
>WT1-H373Y FSRSDQLKRH	13017	>WT1-H373Y FSRSDQLKRY	142	12875
>WT1-H373Y FSRSDQLKRH	14536	>WT1-H373Y FSRSDQLKRY	314	14222
>WT1-H373Y FSRSDQLKRH	3558	>WT1-H373Y FSRSDQLKRY	84	3474
>WT1-H373Y FSRSDQLKRH	764	>WT1-H373Y FSRSDQLKRY	6	758
>WT1-H373Y FSRSDQLKRH	15082	>WT1-H373Y FSRSDQLKRY	196	14886
>WT1-H397C HLKTHTRTHT	133	>WT1-H397C DLKTHTRTHT	307	174
>WT1-H397C RSDHLKTHTR	27	>WT1-H397C RSDDLKTHTR	32	5
>WT1-H397C RSDHLKTH	388	>WT1-H397C RSDDLKTH	472	84
>WT1-H397C RSDHLKTH	408	>WT1-H397C RSDDLKTH	611	203
>WT1-H397C RSDHLKTHTR	310	>WT1-H397C RSDDLKTHTR	205	105
>WT1-H397C SRSDHLKTHT	411	>WT1-H397C SRSDDLKTHT	694	283
>WT1-H397C FSRSDHLK	60	>WT1-H397C FSRDDLK	866	806
>WT1-H397C FSRSDHLK	165	>WT1-H397C FSRDDLK	249	84
>WT1-H397C FSRSDHLKTH	351	>WT1-H397C FSRDDLKTH	690	339
>WT1-H397C KFSRSDHLK	283	>WT1-H397C KFSRDDLK	1049	766
>WT1-H397C KFSRSDHL	362	>WT1-H397C KFSRDDL	901	539
>WT1-H397C KFSRSDHLK	23	>WT1-H397C KFSRDDLK	259	236
>WT1-H397C KFSRSDHLK	49	>WT1-H397C KFSRDDLK	911	862
>WT1-H397C KFSRSDHLK	143	>WT1-H397C KFSRDDLK	1269	1126
>WT1-H397C KFSRSDHL	147	>WT1-H397C KFSRDDL	152	5
>WT1-H397C KFSRSDHLK	375	>WT1-H397C KFSRDDLK	435	60
>WT1-H397C RKFSRSDHLK	253	>WT1-H397C RKFSRDDLK	1653	1400
>WT1-H397C RKFSRSDH	17	>WT1-H397C RKFSRDDL	953	936
>WT1-H397C RKFSRSDHL	6	>WT1-H397C RKFSRDDL	8	2
>WT1-H397C RKFSRSDHLK	104	>WT1-H397C RKFSRDDLK	256	152
>WT1-H397C RKFSRSDHLK	174	>WT1-H397C RKFSRDDLK	524	350
>WT1-H397C RKFSRSDHLK	275	>WT1-H397C RKFSRDDLK	1028	753
>WT1-H397C CQRKFSRSDH	171	>WT1-H397C CQRKFSRSDH	5657	5486
>WT1-H397C CQRKFSRSDH	104	>WT1-H397C CQRKFSRSDH	143	39
>WT1-H397C HLKTHTRTHT	133	>WT1-H397C QLKTHTRTHT	152	19
>WT1-H397C DHLKTHTR	9381	>WT1-H397C DQLKTHTR	436	8945

>WT1-H397C DHLKTHTR	949	>WT1-H397C DQLKTHTR	187	762
>WT1-H397C DHLKTHTR	601	>WT1-H397C DQLKTHTR	314	287
>WT1-H397C RSDHLKTHTR	27	>WT1-H397C RSDQLKTHTR	42	15
>WT1-H397C RSDHLKTH	388	>WT1-H397C RSDQLKTH	399	11
>WT1-H397C RSDHLKTH	408	>WT1-H397C RSDQLKTH	679	271
>WT1-H397C RSDHLKTHTR	310	>WT1-H397C RSDQLKTHTR	172	138
>WT1-H397C SRSDHLKTHTR	411	>WT1-H397C SRSDQLKTHTR	424	13
>WT1-H397C FSRSDHLK	60	>WT1-H397C FSRSDQLK	100	40
>WT1-H397C FSRSDHLK	165	>WT1-H397C FSRSDQLK	471	306
>WT1-H397C FSRSDHLKTH	351	>WT1-H397C FSRSDQLKTH	497	146
>WT1-H397C KFSRSDHLK	283	>WT1-H397C KFSRSDQLK	1758	1475
>WT1-H397C KFSRSDHL	362	>WT1-H397C KFSRSDQL	283	79
>WT1-H397C KFSRSDHLK	23	>WT1-H397C KFSRSDQLK	22	1
>WT1-H397C KFSRSDHLK	49	>WT1-H397C KFSRSDQLK	204	155
>WT1-H397C KFSRSDHLK	143	>WT1-H397C KFSRSDQLK	758	615
>WT1-H397C KFSRSDHL	147	>WT1-H397C KFSRSDQL	173	26
>WT1-H397C KFSRSDHLK	375	>WT1-H397C KFSRSDQLK	987	612
>WT1-H397C RKFSRSDHLK	253	>WT1-H397C RKFSRSDQLK	273	20
>WT1-H397C RKFSRSDH	17	>WT1-H397C RKFSRSDQ	79	62
>WT1-H397C RKFSRSDHL	6	>WT1-H397C RKFSRSDQL	9	3
>WT1-H397C RKFSRSDHLK	104	>WT1-H397C RKFSRSDQLK	63	41
>WT1-H397C RKFSRSDHLK	174	>WT1-H397C RKFSRSDQLK	285	111
>WT1-H397C RKFSRSDHLK	275	>WT1-H397C RKFSRSDQLK	212	63
>WT1-H397C RKFSRSDHL	970	>WT1-H397C RKFSRSDQL	263	707
>WT1-H397C QRKFSRSDHL	520	>WT1-H397C QRKFSRSDQL	496	24
>WT1-H397C CQRKFSRSDH	171	>WT1-H397C CQRKFSRSDC	806	635
>WT1-H397C CQRKFSRSDH	104	>WT1-H397C CQRKFSRSDC	164	60
>WT1-H405L HTGKTSEK	281	>WT1-H405L LTGKTSEK	702	421
>WT1-H405L HTGKTSEK	191	>WT1-H405L LTGKTSEK	129	62
>WT1-H405L HTGKTSEK	71	>WT1-H405L LTGKTSEK	746	675
>WT1-H405L HTGKTSEK	72	>WT1-H405L LTGKTSEK	252	180
>WT1-H405L HTGKTSEKPF	461	>WT1-H405L LTGKTSEKPF	161	300
>WT1-H405L HTGKTSEKPF	181	>WT1-H405L LTGKTSEKPF	105	76
>WT1-H405L HTGKTSEKPF	15	>WT1-H405L LTGKTSEKPF	12	3
>WT1-H405L HTGKTSEKPF	1714	>WT1-H405L LTGKTSEKPF	297	1417
>WT1-H405L THTGKTSEK	15597	>WT1-H405L TLTGKTSEK	120	15477
>WT1-H405L THTGKTSEK	15329	>WT1-H405L TLTGKTSEK	204	15125
>WT1-H405L THTGKTSEK	3288	>WT1-H405L TLTGKTSEK	270	3018
>WT1-H405L THTGKTSEKPF	5755	>WT1-H405L TLTGKTSEKPF	172	5583
>WT1-H405L RHTGKTSEK	31	>WT1-H405L RTLTGKTSEK	16	15
>WT1-H405L RHTGKTSEK	69	>WT1-H405L RTLTGKTSEK	16	53
>WT1-H405L RHTGKTS	132	>WT1-H405L RTLTGKTS	1434	1302
>WT1-H405L RHTGKTSEK	4	>WT1-H405L RTLTGKTSEK	9	5

>WT1-H405L RTHTGKTSEK	1070	>WT1-H405L RLTGKTSEK	350	720
>WT1-H405L RTHTGKTS	797	>WT1-H405L RLTGKTS	443	354
>WT1-H405L HTRTHTGK	75	>WT1-H405L HTRTLTGK	97	22
>WT1-H405L HTRTHTGK	3	>WT1-H405L HTRTLTGK	4	1
>WT1-H405L HTRTHTGKT	47	>WT1-H405L HTRTLTGKT	82	35
>WT1-H405L HTRTHTGKTS	19	>WT1-H405L HTRTLTGKTS	28	9
>WT1-H405L HTRTHTGKTS	271	>WT1-H405L HTRTLTGKTS	397	126
>WT1-H405L HTRTHTGK	142	>WT1-H405L HTRTLTGK	251	109
>WT1-H405L HTRTHTGK	115	>WT1-H405L HTRTLTGK	113	2
>WT1-H405L KTHTRTHTGK	32	>WT1-H405L KTHTRTLTGK	21	11
>WT1-H405L KTHTRTHTGK	112	>WT1-H405L KTHTRTLTGK	57	55
>WT1-H405L KTHTRTHT	56	>WT1-H405L KTHTRTLT	55	1
>WT1-H405L KTHTRTHTG	16	>WT1-H405L KTHTRTLTG	10	6
>WT1-H405L KTHTRTHTGK	3	>WT1-H405L KTHTRTLTGK	4	1
>WT1-H405L KTHTRTHTGK	88	>WT1-H405L KTHTRTLTGK	89	1
>WT1-H405L KTHTRTHTGK	304	>WT1-H405L KTHTRTLTGK	343	39
>WT1-H405L KTHTRTHTG	229	>WT1-H405L KTHTRTLTG	193	36
>WT1-H405L LKTHTRTH	269	>WT1-H405L LKTHTRTL	33	236
>WT1-H405L LKTHTRHTG	312	>WT1-H405L LKTHTRTLTG	503	191
>WT1-H405L HLKTHTRTH	28794	>WT1-H405L HLKTHTRTL	385	28409
>WT1-H405L HLKTHTRTH	16624	>WT1-H405L HLKTHTRTL	33	16591
>WT1-H405L HLKTHTRTH	29631	>WT1-H405L HLKTHTRTL	252	29379
>WT1-H405L HLKTHTRTH	2242	>WT1-H405L HLKTHTRTL	137	2105
>WT1-H405L HLKTHTRTHT	526	>WT1-H405L HLKTHTRTLT	306	220
>WT1-H405L HLKTHTRTH	3062	>WT1-H405L HLKTHTRTL	17	3045
>WT1-H405L HLKTHTRTHT	133	>WT1-H405L HLKTHTRTLT	178	45
>WT1-H405L DHLKTHTRTH	5410	>WT1-H405L DHLKTHTRTL	420	4990
>WT1-H405L DHLKTHTRTH	21118	>WT1-H405L DHLKTHTRTL	399	20719
>WT1-K336E KLSHLQMH	424	>WT1-K336E ELSHLQMH	12945	12521
>WT1-K336E KLSHLQMHSI	206	>WT1-K336E ELSHLQMHSI	3561	3355
>WT1-K336E KLSHLQMHSI	29	>WT1-K336E ELSHLQMHSI	218	189
>WT1-K336E KLSHLQMHSI	62	>WT1-K336E ELSHLQMHSI	1427	1365
>WT1-K336E KLSHLQMHSI	46	>WT1-K336E ELSHLQMHSI	12749	12703
>WT1-K336E KLSHLQMHSI	13	>WT1-K336E ELSHLQMHSI	212	199
>WT1-K336E KLSHLQMHSI	222	>WT1-K336E ELSHLQMHSI	10520	10298
>WT1-K336E KLSHLQMHSI	3902	>WT1-K336E ELSHLQMHSI	479	3423
>WT1-K336E KLSHLQMHSI	7124	>WT1-K336E ELSHLQMHSI	291	6833
>WT1-K336E KLSHLQMHSI	4494	>WT1-K336E ELSHLQMHSI	38	4456
>WT1-K336E KLSHLQMHSI	50	>WT1-K336E ELSHLQMHSI	759	709
>WT1-K336E KLSHLQMHSI	32	>WT1-K336E ELSHLQMHSI	207	175
>WT1-K336E FKLSHLQM	30780	>WT1-K336E FELSHLQM	223	30557
>WT1-K336E FKLSHLQM	6	>WT1-K336E FELSHLQM	228	222
>WT1-K336E FKLSHLQMH	53	>WT1-K336E FELSHLQMH	1621	1568

>WT1-K336E FKLSHLQMH!	265	>WT1-K336E FELSHLQMH!	8115	7850
>WT1-K336E FKLSHLQMH!	77	>WT1-K336E FELSHLQMH!	2445	2368
>WT1-K336E FKLSHLQMQ	16020	>WT1-K336E FELSHLQMQ	88	15932
>WT1-K336E FKLSHLQMH	24412	>WT1-K336E FELSHLQMH	466	23946
>WT1-K336E FKLSHLQMH!	21416	>WT1-K336E FELSHLQMH!	242	21174
>WT1-K336E FKLSHLQMQ	313	>WT1-K336E FELSHLQMQ	1172	859
>WT1-K336E FKLSHLQMQ	18307	>WT1-K336E FELSHLQMQ	211	18096
>WT1-K336E FKLSHLQMQ	20665	>WT1-K336E FELSHLQMQ	67	20598
>WT1-K336E FKLSHLQMQ	8938	>WT1-K336E FELSHLQMQ	93	8845
>WT1-K336E AYPGCNKRYF	414	>WT1-K336E AYPGCNKRYF	15591	15177
>WT1-K336E AYPGCNKRYF	442	>WT1-K336E AYPGCNKRYF	10987	10545
>WT1-K336E AYPGCNKRYF	97	>WT1-K336E AYPGCNKRYF	7145	7048
>WT1-K336E YFKLSHLQMQ	342	>WT1-K336E YFELSHLQMQ	333	9
>WT1-K336E RYFKLSHL	201	>WT1-K336E RYFELSHL	276	75
>WT1-K336E RYFKLSHL	12	>WT1-K336E RYFELSHL	28	16
>WT1-K336E RYFKLSHL	1070	>WT1-K336E RYFELSHL	325	745
>WT1-K336E RYFKLSHL	80	>WT1-K336E RYFELSHL	94	14
>WT1-K336E RYFKLSHLQMQ	301	>WT1-K336E RYFELSHLQMQ	547	246
>WT1-K336E RYFKLSHL	140	>WT1-K336E RYFELSHL	239	99
>WT1-K336E RYFKLSHLQMQ	190	>WT1-K336E RYFELSHLQMQ	372	182
>WT1-K336E RYFKLSHL	4	>WT1-K336E RYFELSHL	4	0
>WT1-K336E RYFKLSHLQ	173	>WT1-K336E RYFELSHLQ	295	122
>WT1-K336E RYFKLSHLQMQ	8	>WT1-K336E RYFELSHLQMQ	10	2
>WT1-K336E RYFKLSHLQMQ	167	>WT1-K336E RYFELSHLQMQ	277	110
>WT1-K336E RYFKLSHL	86	>WT1-K336E RYFELSHL	217	131
>WT1-K336E RYFKLSHLQ	194	>WT1-K336E RYFELSHLQ	448	254
>WT1-K336E RYFKLSHLQMQ	32	>WT1-K336E RYFELSHLQMQ	55	23
>WT1-K336E RYFKLSHL	424	>WT1-K336E RYFELSHL	773	349
>WT1-K336E RYFKLSHLQMQ	289	>WT1-K336E RYFELSHLQMQ	342	53
>WT1-K336E RYFKLSHL	646	>WT1-K336E RYFELSHL	437	209
>WT1-K336E RYFKLSHLQMQ	318	>WT1-K336E RYFELSHLQMQ	205	113
>WT1-K336E RYFKLSHLQMQ	482	>WT1-K336E RYFELSHLQMQ	770	288
>WT1-K336E RYFKLSHLQ	29	>WT1-K336E RYFELSHLQ	42	13
>WT1-K336E RYFKLSHLQMQ	311	>WT1-K336E RYFELSHLQMQ	523	212
>WT1-K336E RYFKLSHLQMQ	282	>WT1-K336E RYFELSHLQMQ	185	97
>WT1-K336E RYFKLSHL	323	>WT1-K336E RYFELSHL	252	71
>WT1-K336E RYFKLSHLQ	530	>WT1-K336E RYFELSHLQ	397	133
>WT1-K336E RYFKLSHLQMQ	249	>WT1-K336E RYFELSHLQMQ	658	409
>WT1-K336E KRYFKLSHL	159	>WT1-K336E KRYFELSHL	1049	890
>WT1-K336E KRYFKLSHLQ	453	>WT1-K336E KRYFELSHLQ	1461	1008
>WT1-K336E KRYFKLSH	641	>WT1-K336E KRYFELSH	353	288
>WT1-K336E KRYFKLSHL	200	>WT1-K336E KRYFELSHL	81	119
>WT1-K336E KRYFKLSHLQ	85	>WT1-K336E KRYFELSHLQ	48	37

>WT1-K336E KRYFKLSH	133	>WT1-K336E KRYFELSH	208	75
>WT1-K336E KRYFKLSHL	72	>WT1-K336E KRYFELSHL	108	36
>WT1-K336E KRYFKLSHLQ	174	>WT1-K336E KRYFELSHLQ	200	26
>WT1-K336E KRYFKLSHLQI	43	>WT1-K336E KRYFELSHLQI	58	15
>WT1-K336E KRYFKLSH	131	>WT1-K336E KRYFELSH	535	404
>WT1-K336E KRYFKLSHL	28	>WT1-K336E KRYFELSHL	43	15
>WT1-K336E KRYFKLSHLQ	202	>WT1-K336E KRYFELSHLQ	306	104
>WT1-K336E KRYFKLSHLQI	47	>WT1-K336E KRYFELSHLQI	68	21
>WT1-K336E KRYFKLSHL	7	>WT1-K336E KRYFELSHL	10	3
>WT1-K336E KRYFKLSHLQ	442	>WT1-K336E KRYFELSHLQ	643	201
>WT1-K336E KRYFKLSHLQI	43	>WT1-K336E KRYFELSHLQI	66	23
>WT1-K336E NKRYFKLSH	357	>WT1-K336E NKRYFELSH	252	105
>WT1-K336E NKRYFKLSHL	96	>WT1-K336E NKRYFELSHL	54	42
>WT1-K336E CNKRYFKLSH	344	>WT1-K336E CNKRYFELSH	584	240
>WT1-K336E CNKRYFKL	433	>WT1-K336E CNKRYFEL	578	145
>WT1-K336E CNKRYFKLSH	135	>WT1-K336E CNKRYFELSH	631	496
>WT1-K336E GCNKRYFK	460	>WT1-K336E GCNKRYFE	15526	15066
>WT1-K336E GCNKRYFK	213	>WT1-K336E GCNKRYFE	12259	12046
>WT1-K336E YPGCNKRYFK	125	>WT1-K336E YPGCNKRYFE	61	64
>WT1-K336E YPGCNKRYFK	108	>WT1-K336E YPGCNKRYFE	43	65
>WT1-K336E YPGCNKRYFK	1010	>WT1-K336E YPGCNKRYFE	282	728
>WT1-K346R KHTGEKPY	1337	>WT1-K346R RHTGEKPY	167	1170
>WT1-K346R RKHTGEKPY	4	>WT1-K346R RRHTGEKPY	13	9
>WT1-K346R RKHTGEKPY	4398	>WT1-K346R RRHTGEKPY	155	4243
>WT1-K346R RKHTGEKPYC	12753	>WT1-K346R RRHTGEKPYC	215	12538
>WT1-K346R RKHTGEKP	8006	>WT1-K346R RRHTGEKP	350	7656
>WT1-K346R RKHTGEKPY	6765	>WT1-K346R RRHTGEKPY	375	6390
>WT1-K346R RKHTGEKPYC	5532	>WT1-K346R RRHTGEKPYC	260	5272
>WT1-K346R KLSHLQMHSI	29	>WT1-K346R KLSHLQMHSI	83	54
>WT1-K346R KLSHLQMHSI	62	>WT1-K346R KLSHLQMHSI	2107	2045
>WT1-K346R KLSHLQMHSI	46	>WT1-K346R KLSHLQMHSI	3571	3525
>WT1-K346R KLSHLQMHSI	222	>WT1-K346R KLSHLQMHSI	17	205
>WT1-K346R KLSHLQMHSI	1332	>WT1-K346R KLSHLQMHSI	57	1275
>WT1-K346R SRKHTGEK	488	>WT1-K346R SRRHTGEK	72	416
>WT1-K346R SRKHTGEKPY	29	>WT1-K346R SRRHTGEKPY	16	13
>WT1-K346R SRKHTGEKPY	272	>WT1-K346R SRRHTGEKPY	155	117
>WT1-K346R HSRKHTGEK	99	>WT1-K346R HSRRHTGEK	98	1
>WT1-K346R HSRKHTGEKF	194	>WT1-K346R HSRRHTGEKF	115	79
>WT1-K346R HSRKHTGE	656	>WT1-K346R HSRRHTGE	305	351
>WT1-K346R HSRKHTGEK	3	>WT1-K346R HSRRHTGEK	3	0
>WT1-K346R HSRKHTGEKF	591	>WT1-K346R HSRRHTGEKF	317	274
>WT1-K346R HSRKHTGEKF	15	>WT1-K346R HSRRHTGEKF	11	4
>WT1-K346R HSRKHTGEK	491	>WT1-K346R HSRRHTGEK	288	203

>WT1-K346R HSRKHTGEKF	105	>WT1-K346R HSRRHTGEKF	118	13
>WT1-K346R HSRKHTGEKF	406	>WT1-K346R HSRRHTGEKF	528	122
>WT1-K346R HSRKHTGEKF	63	>WT1-K346R HSRRHTGEKF	69	6
>WT1-K346R HSRKHTGEKF	7	>WT1-K346R HSRRHTGEKF	8	1
>WT1-K346R HSRKHTGEKF	309	>WT1-K346R HSRRHTGEKF	384	75
>WT1-K346R QMHSRKHTC	107	>WT1-K346R QMHSRRHTC	88	19
>WT1-K346R QMHSRKHTC	296	>WT1-K346R QMHSRRHTC	187	109
>WT1-K346R QMHSRKHTC	73	>WT1-K346R QMHSRRHTC	28	45
>WT1-K346R QMHSRKHTC	351	>WT1-K346R QMHSRRHTC	250	101
>WT1-K346R QMHSRKHTC	221	>WT1-K346R QMHSRRHTC	102	119
>WT1-K346R LQMHSRKH	914	>WT1-K346R LQMHSRRH	338	576
>WT1-K346R LQMHSRKHT	447	>WT1-K346R LQMHSRRHT	309	138
>WT1-K346R LQMHSRKH	75	>WT1-K346R LQMHSRRH	115	40
>WT1-K346R LQMHSRKHT	117	>WT1-K346R LQMHSRRHT	191	74
>WT1-K346R HLQMHSRK	74	>WT1-K346R HLQMHSRR	1351	1277
>WT1-K346R HLQMHSRK	401	>WT1-K346R HLQMHSRR	8645	8244
>WT1-K346R HLQMHSRK	233	>WT1-K346R HLQMHSRR	8072	7839
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>WT1-K346R HLQMHSRK	3516	>WT1-K346R HLQMHSRR	134	3382
>WT1-K346R HLQMHSRK	1734	>WT1-K346R HLQMHSRR	450	1284
>WT1-K346R HLQMHSRKH	635	>WT1-K346R HLQMHSRRH	426	209
>WT1-K346R HLQMHSRK	8853	>WT1-K346R HLQMHSRR	242	8611
>WT1-K346R LSHLQMHSRI	185	>WT1-K346R LSHLQMHSRI	4322	4137
>WT1-K346R LSHLQMHSRI	276	>WT1-K346R LSHLQMHSRI	3891	3615
>WT1-K346R LSHLQMHSRI	17	>WT1-K346R LSHLQMHSRI	1224	1207
>WT1-K346R LSHLQMHSRI	1176	>WT1-K346R LSHLQMHSRI	57	1119
>WT1-K346R LSHLQMHSRI	8826	>WT1-K346R LSHLQMHSRI	484	8342
>WT1-K346R LSHLQMHSRI	1411	>WT1-K346R LSHLQMHSRI	425	986
>WT1-K371R KRHQRRTG	53	>WT1-K371R RRHQRRTG	49	4
>WT1-K371R KRHQRRT	602	>WT1-K371R RRHQRRT	155	447
>WT1-K371R KRHQRRTG	876	>WT1-K371R RRHQRRTG	223	653
>WT1-K371R KRHQRRTG	151	>WT1-K371R RRHQRRTG	33	118
>WT1-K371R KRHQRRTG	83	>WT1-K371R RRHQRRTG	34	49
>WT1-K371R KRHQRRT	63	>WT1-K371R RRHQRRT	25	38
>WT1-K371R KRHQRRTG	288	>WT1-K371R RRHQRRTG	132	156
>WT1-K371R KRHQRRTG	42	>WT1-K371R RRHQRRTG	21	21
>WT1-K371R KRHQRRTG	360	>WT1-K371R RRHQRRTG	149	211
>WT1-K371R KRHQRRT	1643	>WT1-K371R RRHQRRT	335	1308
>WT1-K371R KRHQRRTG	517	>WT1-K371R RRHQRRTG	102	415
>WT1-K371R KRHQRRTG	56	>WT1-K371R RRHQRRTG	22	34
>WT1-K371R KRHQRRTG	156	>WT1-K371R RRHQRRTG	50	106
>WT1-K371R LKRHQRRTG	43	>WT1-K371R LRRHQRRTG	244	201
>WT1-K371R QLKRHQR	35	>WT1-K371R QLRRHQR	65	30



>WT1-K371R QLKRHQRRH'	90	>WT1-K371R QLRRHQRRH'	111	21
>WT1-K371R DQLKRHQRR	249	>WT1-K371R DQLRRHQRR	146	103
>WT1-K371R DQLKRHQRR	443	>WT1-K371R DQLRRHQRR	259	184
>WT1-K371R DQLKRHQRR	99	>WT1-K371R DQLRRHQRR	78	21
>WT1-K371R DQLKRHQRR	159	>WT1-K371R DQLRRHQRR	147	12
>WT1-K371R RSDQLKRHQI	25	>WT1-K371R RSDQLRRHQI	19	6
>WT1-K371R RSDQLKRHQI	112	>WT1-K371R RSDQLRRHQI	83	29
>WT1-K371R RSDQLKRHQI	564	>WT1-K371R RSDQLRRHQI	471	93
>WT1-K371R SRSDQLKRHC	565	>WT1-K371R SRSDQLRRHC	414	151
>WT1-K371R FSRSDQLK	100	>WT1-K371R FSRSDQLR	5502	5402
>WT1-K371R FSRSDQLK	471	>WT1-K371R FSRSDQLR	146	325
>WT1-K371R FSRSDQLKR	413	>WT1-K371R FSRSDQLRR	455	42
>WT1-K371R RFSRSDQLK	22	>WT1-K371R RFSRSDQLR	1888	1866
>WT1-K371R RFSRSDQLK	179	>WT1-K371R RFSRSDQLR	13	166
>WT1-K371R RFSRSDQLKR	45	>WT1-K371R RFSRSDQLRR	36	9
>WT1-K371R RFSRSDQLKR	94	>WT1-K371R RFSRSDQLRR	110	16
>WT1-K371R RFSRSDQLK	1439	>WT1-K371R RFSRSDQLR	61	1378
>WT1-K371R RFSRSDQLKR	45	>WT1-K371R RFSRSDQLRR	49	4
>WT1-K371R RRFSDQLK	296	>WT1-K371R RRFSDQLR	8612	8316
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>WT1-K371R RRFSDQLK	414	>WT1-K371R RRFSDQLR	332	82
>WT1-K371R RRFSDQLK	375	>WT1-K371R RRFSDQLR	572	197
>WT1-K371R RRFSDQLK	10	>WT1-K371R RRFSDQLR	10	0
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>WT1-K371R RRFSDQLK	44	>WT1-K371R RRFSDQLR	35	9
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>WT1-K371R RRFSDQLK	60	>WT1-K371R RRFSDQLR	52	8
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>WT1-K371R RRFSDQLK	1819	>WT1-K371R RRFSDQLR	80	1739
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>WT1-N266S QSNHSTGY	459	>WT1-N266S QSSHSTGY	258	201
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>WT1-N266S QSNHSTGY	113	>WT1-N266S QSSHSTGY	133	20
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>WT1-N266S QSNHSTGY	483	>WT1-N266S QSSHSTGY	270	213
>WT1-N266S QSNHSTGY	828	>WT1-N266S QSSHSTGY	237	591
>WT1-N266S GQSNHSTGY	655	>WT1-N266S GQSSHSTGY	368	287
>WT1-N266S GQSNHSTGY	38	>WT1-N266S GQSSHSTGY	36	2
>WT1-N266S GQSNHSTGY	158	>WT1-N266S GQSSHSTGY	187	29
>WT1-N266S GQSNHSTGY	20	>WT1-N266S GQSSHSTGY	14	6
>WT1-N266S TEGQSNHSTC	529	>WT1-N266S TEGQSSHSTC	301	228
>WT1-N266S TEGQSNHSTC	204	>WT1-N266S TEGQSSHSTC	186	18

>WT1-N266S TEGQSNHST	422	>WT1-N266S TEGQSSHST	623	201
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>WT1-N266S TEGQSNHSTC	213	>WT1-N266S TEGQSSHSTC	221	8
>WT1-N266S TEGQSNHST	47	>WT1-N266S TEGQSSHST	53	6
>WT1-N266S WTEGQSNHS	414	>WT1-N266S WTEGQSSHS	144	270
>WT1-N266S KWTEGQSN	305	>WT1-N266S KWTEGQSS	223	82
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>WT1-N266S KWTEGQSNH	90	>WT1-N266S KWTEGQSSH	89	1
>WT1-N266S VKWTEGQSN	359	>WT1-N266S VKWTEGQSS	166	193
>WT1-N266S VKWTEGQSN	64	>WT1-N266S VKWTEGQSS	34	30
>WT1-N266S VKWTEGQSN	759	>WT1-N266S VKWTEGQSS	430	329
>WT1-N266S SVKWTEGQS	955	>WT1-N266S SVKWTEGQS	368	587
>WT1-P181S PMGQQGSL	5338	>WT1-P181S SMGQQGSL	227	5111
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>WT1-P181S PMGQQGSL	1135	>WT1-P181S SMGQQGSL	32	1103
>WT1-P181S PMGQQGSL	6986	>WT1-P181S SMGQQGSL	173	6813
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>WT1-P181S PMGQQGSL	390	>WT1-P181S SMGQQGSL	13	377
>WT1-P181S PMGQQGSL	8420	>WT1-P181S SMGQQGSL	397	8023
>WT1-P181S DPMGQQGSI	3505	>WT1-P181S DSMGQQGSI	281	3224
>WT1-P181S DPMGQQGSI	322	>WT1-P181S DSMGQQGSI	19680	19358
>WT1-P181S FPNHSFKHED	457	>WT1-P181S FPNHSFKHED	310	147
>WT1-P181S HEDPMGQQC	587	>WT1-P181S HEDSMGQQC	346	241
>WT1-P181S HEDPMGQQC	28	>WT1-P181S HEDSMGQQC	19	9
>WT1-P181S HEDPMGQQC	135	>WT1-P181S HEDSMGQQC	124	11
>WT1-P181S HEDPMGQQC	714	>WT1-P181S HEDSMGQQC	215	499
>WT1-P181S HSFKHEDPM	484	>WT1-P181S HSFKHEDSM	6251	5767
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>WT1-P181S HSFKHEDPM	236	>WT1-P181S HSFKHEDSM	259	23
>WT1-P181S HSFKHEDPM	62	>WT1-P181S HSFKHEDSM	96	34
>WT1-P181S HSFKHEDPM	44	>WT1-P181S HSFKHEDSM	165	121
>WT1-P181S HSFKHEDPM	1811	>WT1-P181S HSFKHEDSM	330	1481
>WT1-R302H RVPGVAPTLV	150	>WT1-R302H HVPGVAPTLV	338	188
>WT1-R302H RVPGVAPTL	102	>WT1-R302H HVPGVAPTL	293	191
>WT1-R302H RVPGVAPTLV	284	>WT1-R302H HVPGVAPTLV	657	373
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>WT1-R302H RVPGVAPTLV	68	>WT1-R302H HVPGVAPTLV	293	225
>WT1-R302H RVPGVAPTL	245	>WT1-R302H HVPGVAPTL	520	275
>WT1-R302H RVPGVAPTLV	115	>WT1-R302H HVPGVAPTLV	246	131
>WT1-R302H RVPGVAPTL	234	>WT1-R302H HVPGVAPTL	261	27
>WT1-R302H RVPGVAPTLV	46	>WT1-R302H HVPGVAPTLV	46	0
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>WT1-R302HRVPGVAPT	4761	>WT1-R302HHVPGVAPT	148	4613
>WT1-R302HRVPGVAPTL	7150	>WT1-R302HHVPGVAPTL	242	6908
>WT1-R302HRVPGVAPTLV	4161	>WT1-R302HHVPGVAPTLV	396	3765
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>WT1-R302HRVPGVAPTLV	106	>WT1-R302HHVPGVAPTLV	118	12
>WT1-R302HRRVPGVAPTL	113	>WT1-R302HRHVPGVAPTI	270	157
>WT1-R302HRRVPGVAPTL	273	>WT1-R302HRHVPGVAPTI	791	518
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>WT1-R302HRRVPGVAPTL	11	>WT1-R302HRHVPGVAPTI	426	415
>WT1-R302HRRVPGVAPTL	58	>WT1-R302HRHVPGVAPTI	10796	10738
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>WT1-R302HRRVPGVAPTL	39	>WT1-R302HRHVPGVAPTI	5204	5165
>WT1-R302HRRVPGVAPTL	62	>WT1-R302HRHVPGVAPTI	3142	3080
>WT1-R302HRRVPGVAPTL	24	>WT1-R302HRHVPGVAPTI	4241	4217
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>WT1-R302HGVFRGIQDVF	363	>WT1-R302HGVFRGIQDVF	5386	5023
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>WT1-R302HGVFRGIQDVF	115	>WT1-R302HGVFRGIQDVF	13573	13458
>WT1-R302HVRHVPGVAP	104	>WT1-R302HVRHVPGVAP	152	48
>WT1-R302HVRHVPGVAP	4384	>WT1-R302HVRHVPGVAP	348	4036
>WT1-R302HVRHVPGVAP	129	>WT1-R302HVRHVPGVAP	468	339
>WT1-R302HVRHVPGVAP	66	>WT1-R302HVRHVPGVAP	144	78
>WT1-R302HDVRRVPGV	583	>WT1-R302HDVRRVPGV	366	217
>WT1-R302HQDVRHVPGV	1144	>WT1-R302HQDVRHVPGV	372	772
>WT1-R302HIQDVRHVPGV	465	>WT1-R302HIQDVRHVPGV	500	35
>WT1-R302HIQDVRHVPGV	325	>WT1-R302HIQDVRHVPGV	88	237
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>WT1-R302HGIQDVRHVPC	473	>WT1-R302HGIQDVRHVPC	163	310
>WT1-R302HGIQDVRHVPC	1492	>WT1-R302HGIQDVRHVPC	477	1015
>WT1-R302HGIQDVRHV	351	>WT1-R302HGIQDVRHV	213	138
>WT1-R302HGIQDVRHVPC	151	>WT1-R302HGIQDVRHVPC	74	77
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>WT1-R302HGIQDVRHV	69	>WT1-R302HGIQDVRHV	57	12
>WT1-R302HGIQDVRHVPC	37	>WT1-R302HGIQDVRHVPC	15	22
>WT1-R302HGIQDVRHV	965	>WT1-R302HGIQDVRHV	185	780
>WT1-R302HGIQDVRHVPC	173	>WT1-R302HGIQDVRHVPC	51	122
>WT1-R302HGIQDVRHV	819	>WT1-R302HGIQDVRHV	126	693
>WT1-R302HGIQDVRHVPC	91	>WT1-R302HGIQDVRHVPC	30	61
>WT1-R302HGIQDVRHVPC	675	>WT1-R302HGIQDVRHVPC	279	396

>WT1-R302HGIQDVERRV	15	>WT1-R302HGIQDVRHV	12	3
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>WT1-R302HRGIQDVERR	94	>WT1-R302HRGIQDVRH	25647	25553
>WT1-R302HVFRGIQDVRF	54	>WT1-R302HVFRGIQDVRF	7529	7475
>WT1-R302HVFRGIQDVRF	329	>WT1-R302HVFRGIQDVRF	13309	12980
>WT1-R302HVFRGIQDVRF	243	>WT1-R302HVFRGIQDVRF	27744	27501
>WT1-R312GRSASETSEK	102	>WT1-R312GGSASETSEK	591	489
>WT1-R312GRSASETSEK	22	>WT1-R312GGSASETSEK	30	8
>WT1-R312GRSASETSEK	86	>WT1-R312GGSASETSEK	4539	4453
>WT1-R312GRSASETSEKR	323	>WT1-R312GGSASETSEKR	4992	4669
>WT1-R312GRSASETSEK	189	>WT1-R312GGSASETSEK	143	46
>WT1-R312GRSASETSEKR	59	>WT1-R312GGSASETSEKR	110	51
>WT1-R312GRSASETSEK	587	>WT1-R312GGSASETSEK	234	353
>WT1-R312GRVPGVAPTLV	464	>WT1-R312GRVPGVAPTLV	21748	21284
>WT1-R312GRVPGVAPTLV	106	>WT1-R312GRVPGVAPTLV	32475	32369
>WT1-R312GLVRSASETSEK	260	>WT1-R312GLVGSASETSEI	683	423
>WT1-R312GLVRSASETSEK	1115	>WT1-R312GLVGSASETSEI	155	960
>WT1-R312GLVRSASETS	499	>WT1-R312GLVGSASETS	15518	15019
>WT1-R312GLVRSASETSEK	5	>WT1-R312GLVGSASETSEI	1752	1747
>WT1-R312GLVRSASETSEK	280	>WT1-R312GLVGSASETSEI	225	55
>WT1-R312GTLVRSASET	690	>WT1-R312GTLVGSASET	350	340
>WT1-R312GTLVRSASET	396	>WT1-R312GTLVGSASET	63	333
>WT1-R312GAPTLVRS	127	>WT1-R312GAPTLVGSA	213	86
>WT1-R312GAPTLVRSASE	416	>WT1-R312GAPTLVGSAE	602	186
>WT1-R312GAPTLVRS	560	>WT1-R312GAPTLVGSA	340	220
>WT1-R312GGVAPTLVRS	723	>WT1-R312GGVAPTLVGSA	372	351
>WT1-R312GGVAPTLVR	133	>WT1-R312GGVAPTLVG	23386	23253
>WT1-R312GGVAPTLVR	312	>WT1-R312GGVAPTLVG	23295	22983
>WT1-R312GGVAPTLVR	114	>WT1-R312GGVAPTLVG	34620	34506
>WT1-R312GPGVAPTLVR	284	>WT1-R312GPGVAPTLVG	35199	34915
>WT1-R312CRSASETSEK	102	>WT1-R312CQSASETSEK	1134	1032
>WT1-R312CRSASETSEK	22	>WT1-R312CQSASETSEK	80	58
>WT1-R312CRSASETSEK	86	>WT1-R312CQSASETSEK	3771	3685
>WT1-R312CRSASETSEKR	323	>WT1-R312CQSASETSEKR	2960	2637
>WT1-R312CRSASETSEK	189	>WT1-R312CQSASETSEK	27	162
>WT1-R312CRSASETSEKR	59	>WT1-R312CQSASETSEKR	22	37
>WT1-R312CRSASETSEK	587	>WT1-R312CQSASETSEK	290	297
>WT1-R312CVRSASETSEK	3321	>WT1-R312CVQSASETSEK	88	3233
>WT1-R312CVRSASETSEK	1308	>WT1-R312CVQSASETSEK	211	1097
>WT1-R312CRVPGVAPTLV	464	>WT1-R312CRVPGVAPTLV	17856	17392
>WT1-R312CRVPGVAPTLV	106	>WT1-R312CRVPGVAPTLV	11426	11320
>WT1-R312CLVRSASETSEK	260	>WT1-R312CLVQSASETSEI	1296	1036
>WT1-R312CLVRSASETSEK	1115	>WT1-R312CLVQSASETSEI	67	1048

>WT1-R312C LVRSASETS	499	>WT1-R312C LVQSASETS	13134	12635
>WT1-R312C LVRSASETSEK	5	>WT1-R312C LVQSASETSEI	533	528
>WT1-R312C LVRSASETSEK	280	>WT1-R312C LVQSASETSEI	142	138
>WT1-R312C TLVRSASET	396	>WT1-R312C TLVQSASET	290	106
>WT1-R312C APTLVRSA	127	>WT1-R312C APTLVQSA	846	719
>WT1-R312C APTLVRSASE	416	>WT1-R312C APTLVQSASE	1701	1285
>WT1-R312C GVAPTLVRS	1987	>WT1-R312C GVAPTLVQSA	283	1704
>WT1-R312C GVAPTLVR	133	>WT1-R312C GVAPTLVQ	16494	16361
>WT1-R312C GVAPTLVR	312	>WT1-R312C GVAPTLVQ	19368	19056
>WT1-R312C GVAPTLVR	114	>WT1-R312C GVAPTLVQ	10707	10593
>WT1-R312C PGVAPTLVR	284	>WT1-R312C PGVAPTLVQ	24398	24114
>WT1-R333K RYFKLSHL	201	>WT1-R333K KYFKLSHL	174	27
>WT1-R333K RYFKLSHL	12	>WT1-R333K KYFKLSHL	4	8
>WT1-R333K RYFKLSHLQMV	863	>WT1-R333K KYFKLSHLQMV	152	711
>WT1-R333K RYFKLSHL	1070	>WT1-R333K KYFKLSHL	442	628
>WT1-R333K RYFKLSHL	80	>WT1-R333K KYFKLSHL	61	19
>WT1-R333K RYFKLSHLQMV	301	>WT1-R333K KYFKLSHLQMV	1605	1304
>WT1-R333K RYFKLSHL	140	>WT1-R333K KYFKLSHL	192	52
>WT1-R333K RYFKLSHLQMV	190	>WT1-R333K KYFKLSHLQMV	710	520
>WT1-R333K RYFKLSHL	4	>WT1-R333K KYFKLSHL	6	2
>WT1-R333K RYFKLSHLQ	173	>WT1-R333K KYFKLSHLQ	719	546
>WT1-R333K RYFKLSHLQMV	8	>WT1-R333K KYFKLSHLQMV	19	11
>WT1-R333K RYFKLSHLQMV	167	>WT1-R333K KYFKLSHLQMV	691	524
>WT1-R333K RYFKLSHL	86	>WT1-R333K KYFKLSHL	95	9
>WT1-R333K RYFKLSHLQ	194	>WT1-R333K KYFKLSHLQ	219	25
>WT1-R333K RYFKLSHLQMV	32	>WT1-R333K KYFKLSHLQMV	33	1
>WT1-R333K RYFKLSHL	424	>WT1-R333K KYFKLSHL	487	63
>WT1-R333K RYFKLSHLQMV	289	>WT1-R333K KYFKLSHLQMV	327	38
>WT1-R333K RYFKLSHLQMV	318	>WT1-R333K KYFKLSHLQMV	338	20
>WT1-R333K RYFKLSHLQMV	482	>WT1-R333K KYFKLSHLQMV	724	242
>WT1-R333K RYFKLSHLQ	29	>WT1-R333K KYFKLSHLQ	21	8
>WT1-R333K RYFKLSHLQMV	311	>WT1-R333K KYFKLSHLQMV	175	136
>WT1-R333K RYFKLSHLQMV	588	>WT1-R333K KYFKLSHLQMV	345	243
>WT1-R333K RYFKLSHL	567	>WT1-R333K KYFKLSHL	431	136
>WT1-R333K RYFKLSHLQMV	282	>WT1-R333K KYFKLSHLQMV	490	208
>WT1-R333K RYFKLSHL	323	>WT1-R333K KYFKLSHL	139	184
>WT1-R333K RYFKLSHLQ	530	>WT1-R333K KYFKLSHLQ	207	323
>WT1-R333K RYFKLSHLQMV	249	>WT1-R333K KYFKLSHLQMV	481	232
>WT1-R333K RYFKLSHL	159	>WT1-R333K KKYFKLSHL	97	62
>WT1-R333K RYFKLSHLQMV	453	>WT1-R333K KKYFKLSHLQMV	315	138
>WT1-R333K RYFKLSH	641	>WT1-R333K KKYFKLSH	93	548
>WT1-R333K RYFKLSHL	200	>WT1-R333K KKYFKLSHL	21	179
>WT1-R333K RYFKLSHLQMV	85	>WT1-R333K KKYFKLSHLQMV	14	71

>WT1-R333K KRYFKLSH	133	>WT1-R333K KKYFKLSH	6892	6759
>WT1-R333K KRYFKLSHL	72	>WT1-R333K KKYFKLSHL	5265	5193
>WT1-R333K KRYFKLSHLQ	174	>WT1-R333K KKYFKLSHLQ	11667	11493
>WT1-R333K KRYFKLSHLQ	43	>WT1-R333K KKYFKLSHLQ	3050	3007
>WT1-R333K KRYFKLSH	131	>WT1-R333K KKYFKLSH	5922	5791
>WT1-R333K KRYFKLSHL	28	>WT1-R333K KKYFKLSHL	414	386
>WT1-R333K KRYFKLSHLQ	202	>WT1-R333K KKYFKLSHLQ	5926	5724
>WT1-R333K KRYFKLSHLQ	47	>WT1-R333K KKYFKLSHLQ	1058	1011
>WT1-R333K KRYFKLSHL	7	>WT1-R333K KKYFKLSHL	215	208
>WT1-R333K KRYFKLSHLQ	442	>WT1-R333K KKYFKLSHLQ	12369	11927
>WT1-R333K KRYFKLSHLQ	43	>WT1-R333K KKYFKLSHLQ	2158	2115
>WT1-R333K FMCAYPGCN	5937	>WT1-R333K FMCAYPGCN	264	5673
>WT1-R333K FMCAYPGCN	5585	>WT1-R333K FMCAYPGCN	194	5391
>WT1-R333K FMCAYPGCN	327	>WT1-R333K FMCAYPGCN	4552	4225
>WT1-R333K FMCAYPGCN	199	>WT1-R333K FMCAYPGCN	4233	4034
>WT1-R333K FMCAYPGCN	117	>WT1-R333K FMCAYPGCN	451	334
>WT1-R333K FMCAYPGCN	280	>WT1-R333K FMCAYPGCN	5456	5176
>WT1-R333K NKRYFKLSH	357	>WT1-R333K NKKYFKLSH	860	503
>WT1-R333K NKRYFKLSHL	96	>WT1-R333K NKKYFKLSHL	219	123
>WT1-R333K CNKRYFKLSH	344	>WT1-R333K CNKKYFKLSH	531	187
>WT1-R333K CNKRYFKL	433	>WT1-R333K CNKKYFKL	594	161
>WT1-R333K CNKRYFKLSH	135	>WT1-R333K CNKKYFKLSH	158	23
>WT1-R333K GCNKRYFK	460	>WT1-R333K GCNKKYFK	1280	820
>WT1-R333K GCNKRYFK	213	>WT1-R333K GCNKKYFK	365	152
>WT1-R333K YPGCNKRYF	98	>WT1-R333K YPGCNKKYF	21	77
>WT1-R333K YPGCNKRYFK	125	>WT1-R333K YPGCNKKYFK	89	36
>WT1-R333K YPGCNKRYF	95	>WT1-R333K YPGCNKKYF	523	428
>WT1-R333K YPGCNKRYFK	108	>WT1-R333K YPGCNKKYFK	259	151
>WT1-R333K YPGCNKRY	28	>WT1-R333K YPGCNKKY	33	5
>WT1-R333K YPGCNKRYF	303	>WT1-R333K YPGCNKKYF	402	99
>WT1-R333K AYPGCNKRYF	35	>WT1-R333K AYPGCNKKYF	65	30
>WT1-R333K AYPGCNKRYF	43	>WT1-R333K AYPGCNKKYF	61	18
>WT1-R333K AYPGCNKRY	867	>WT1-R333K AYPGCNKKY	371	496
>WT1-R333K AYPGCNKRYF	5	>WT1-R333K AYPGCNKKYF	5	0
>WT1-R333K AYPGCNKRYF	50	>WT1-R333K AYPGCNKKYF	76	26
>WT1-R333K AYPGCNKRYF	414	>WT1-R333K AYPGCNKKYF	1117	703
>WT1-R333K AYPGCNKRYF	442	>WT1-R333K AYPGCNKKYF	568	126
>WT1-R333K AYPGCNKRY	488	>WT1-R333K AYPGCNKKY	848	360
>WT1-R333K AYPGCNKR	70	>WT1-R333K AYPGCNKK	1214	1144
>WT1-R333K AYPGCNKRYF	97	>WT1-R333K AYPGCNKKYF	96	1
>WT1-R333K CAYPGCNKR	6384	>WT1-R333K CAYPGCNKK	267	6117
>WT1-R333K CAYPGCNKR	4907	>WT1-R333K CAYPGCNKK	215	4692
>WT1-R333K CAYPGCNKR	610	>WT1-R333K CAYPGCNKK	453	157

>WT1-R333K CAYPGCNKR\	562	>WT1-R333K CAYPGCNKK\	460	102
>WT1-R333K CAYPGCNKR	421	>WT1-R333K CAYPGCNKK	6208	5787
>WT1-R333K CAYPGCNKR	358	>WT1-R333K CAYPGCNKK	5815	5457
>WT1-R333K CAYPGCNKR	48	>WT1-R333K CAYPGCNKK	107	59
>WT1-R333K CAYPGCNKR\	465	>WT1-R333K CAYPGCNKK\	295	170
>WT1-R333K CAYPGCNKR\	74	>WT1-R333K CAYPGCNKK\	48	26
>WT1-R333K CAYPGCNKR\	12	>WT1-R333K CAYPGCNKK\	15	3
>WT1-R333K CAYPGCNKR\	31	>WT1-R333K CAYPGCNKK\	22	9
>WT1-R333K MCAYPGCNK	701	>WT1-R333K MCAYPGCNK	480	221
>WT1-R333K MCAYPGCNK	99	>WT1-R333K MCAYPGCNK	147	48
>WT1-R366C RSDQLKRHQI	25	>WT1-R366C CSDQLKRHQI	149	124
>WT1-R366C RSDQLKRHQI	112	>WT1-R366C CSDQLKRHQI	2255	2143
>WT1-R366C SRSDQLKR	755	>WT1-R366C SCSDQLKR	378	377
>WT1-R366C SRSDQLKRHC	815	>WT1-R366C SCSDQLKRHC	433	382
>WT1-R366C DFKDCERRFS	104	>WT1-R366C DFKDCERRFS	20394	20290
>WT1-R366C DFKDCERRFS	7	>WT1-R366C DFKDCERRFS	3167	3160
>WT1-R366C DFKDCERRFS	367	>WT1-R366C DFKDCERRFS	40414	40047
>WT1-R366C DFKDCERRFS	201	>WT1-R366C DFKDCERRFS	35359	35158
>WT1-R366C FSRSDQLK	4780	>WT1-R366C FSCSDQLK	281	4499
>WT1-R366C FSRSDQLK	100	>WT1-R366C FSCSDQLK	7402	7302
>WT1-R366C FSRSDQLK	471	>WT1-R366C FSCSDQLK	90	381
>WT1-R366C FSRSDQLKR	413	>WT1-R366C FSCSDQLKR	84	329
>WT1-R366C RFSRSDQL	59	>WT1-R366C RFSCSDQL	75	16
>WT1-R366C RFSRSDQLK	22	>WT1-R366C RFSCSDQLK	48	26
>WT1-R366C RFSRSDQLK	179	>WT1-R366C RFSCSDQLK	395	216
>WT1-R366C RFSRSDQLKR	45	>WT1-R366C RFSCSDQLKR	36	9
>WT1-R366C RFSRSDQLKR	94	>WT1-R366C RFSCSDQLKR	49	45
>WT1-R366C RFSRSDQLKR	45	>WT1-R366C RFSCSDQLKR	22	23
>WT1-R366C RFSRSDQL	404	>WT1-R366C RFSCSDQL	551	147
>WT1-R366C RRFSDQLK	296	>WT1-R366C RRFSCSDQLK	907	611
>WT1-R366C RRFSDQ	433	>WT1-R366C RRFSCSDQ	294	139
>WT1-R366C RRFSDQL	81	>WT1-R366C RRFSCSDQL	59	22
>WT1-R366C RRFSDQLK	414	>WT1-R366C RRFSCSDQLK	223	191
>WT1-R366C RRFSDQLK	375	>WT1-R366C RRFSCSDQLK	228	147
>WT1-R366C RRFSDQ	226	>WT1-R366C RRFSCSDQ	921	695
>WT1-R366C RRFSDQL	14	>WT1-R366C RRFSCSDQL	27	13
>WT1-R366C RRFSDQLK	10	>WT1-R366C RRFSCSDQLK	8	2
>WT1-R366C RRFSDQLK	12	>WT1-R366C RRFSCSDQLK	17	5
>WT1-R366C RRFSDQL	539	>WT1-R366C RRFSCSDQL	252	287
>WT1-R366C RRFSDQL	1613	>WT1-R366C RRFSCSDQL	370	1243
>WT1-R366C RRFSDQ	47	>WT1-R366C RRFSCSDQ	181	134
>WT1-R366C RRFSDQL	48	>WT1-R366C RRFSCSDQL	50	2
>WT1-R366C RRFSDQLK	44	>WT1-R366C RRFSCSDQLK	48	4

>WT1-R366C RRFSDQLK	236	>WT1-R366C RRFSCSDQLK	243	7
>WT1-R366C RRFSDQL	66	>WT1-R366C RRFSCSDQL	74	8
>WT1-R366C RRFSDQLK	60	>WT1-R366C RRFSCSDQLK	65	5
>WT1-R366C RRFSDQLK	1819	>WT1-R366C RRFSCSDQLK	455	1364
>WT1-R366C RRFSDQLK	75	>WT1-R366C RRFSCSDQLK	43	32
>WT1-R366C CERRSDQ	261	>WT1-R366C CERRFSCSDQ	306	45
>WT1-R366C CERRSDQ	168	>WT1-R366C CERRFSCSDQ	84	84
>WT1-R366C CERRSRS	976	>WT1-R366C CERRFSCS	485	491
>WT1-R366C CERRSDQ	94	>WT1-R366C CERRFSCSDQ	45	49
>WT1-R366C DCERRSR	39	>WT1-R366C DCERRFSC	29957	29918
>WT1-R366C KDCERRSR	100	>WT1-R366C KDCERRFSC	21505	21405
>WT1-R366C KDCERRSR	314	>WT1-R366C KDCERRFSC	34501	34187
>WT1-R390P RKFSRDHLK	253	>WT1-R390P PKFSRDHLK	11060	10807
>WT1-R390P RKFSRDH	17	>WT1-R390P PKFSRDH	443	426
>WT1-R390P RKFSRDHL	6	>WT1-R390P PKFSRDHL	313	307
>WT1-R390P RKFSRDHLK	104	>WT1-R390P PKFSRDHLK	2014	1910
>WT1-R390P RKFSRDHLK	174	>WT1-R390P PKFSRDHLK	4775	4601
>WT1-R390P RKFSRDHLK	275	>WT1-R390P PKFSRDHLK	23943	23668
>WT1-R390P QRKFSRDHL	30477	>WT1-R390P QPKFSRDHL	171	30306
>WT1-R390P CQRKFSRDH	171	>WT1-R390P CQPKFSRDH	1663	1492
>WT1-R390P CQRKFSRDH	104	>WT1-R390P CQPKFSRDH	1233	1129
>WT1-R390P TCQRKFSR	106	>WT1-R390P TCQPKFSR	122	16
>WT1-R390P TCQRKFSR	444	>WT1-R390P TCQPKFSR	526	82
>WT1-R390P KTCQRKFSR	129	>WT1-R390P KTCQPKFSR	90	39
>WT1-R390P KTCQRKFSR	7	>WT1-R390P KTCQPKFSR	9	2
>WT1-R390P KTCQRKFSR	140	>WT1-R390P KTCQPKFSR	592	452
>WT1-R390P KTCQRKFSR	178	>WT1-R390P KTCQPKFSR	212	34
>WT1-R390P KTCQRKFSR	385	>WT1-R390P KTCQPKFSR	1091	706
>WT1-R390P KTCQRKFSR	34	>WT1-R390P KTCQPKFSR	45	11
>WT1-R390P CKTCQRKF	38	>WT1-R390P CKTCQPKF	32	6
>WT1-R390P QCKTCQRK	646	>WT1-R390P QCKTCQPK	82	564
>WT1-R390P QCKTCQRKFS	271	>WT1-R390P QCKTCQPKFS	335	64
>WT1-R390P QCKTCQRKFS	136	>WT1-R390P QCKTCQPKFS	120	16
>WT1-R390P FQCKTCQRKF	166	>WT1-R390P FQCKTCQPKF	110	56
>WT1-R390P FQCKTCQRK	581	>WT1-R390P FQCKTCQPK	82	499
>WT1-R390P FQCKTCQRKF	8	>WT1-R390P FQCKTCQPKF	6	2
>WT1-R390P FQCKTCQR	314	>WT1-R390P FQCKTCQP	34558	34244
>WT1-R390P PFQCKTCQRK	292	>WT1-R390P PFQCKTCQPK	126	166
>WT1-R390P PFQCKTCQRK	315	>WT1-R390P PFQCKTCQPK	203	112
>WT1-R390P PFQCKTCQR	59	>WT1-R390P PFQCKTCQP	33588	33529
>WT1-R390P KPFQCKTCQF	90	>WT1-R390P KPFQCKTCQF	22966	22876
>WT1-R390P KPFQCKTCQF	18	>WT1-R390P KPFQCKTCQF	10762	10744
>WT1-R390P KPFQCKTCQF	265	>WT1-R390P KPFQCKTCQF	109	156



>WT1-R394G RSDHLKTHTR	27	>WT1-R394G GSDHLKTHTF	303	276
>WT1-R394G RSDHLKTH	388	>WT1-R394G GSDHLKTH	8666	8278
>WT1-R394G RSDHLKTH	408	>WT1-R394G GSDHLKTH	7148	6740
>WT1-R394G RSDHLKTHTR	310	>WT1-R394G GSDHLKTHTF	7576	7266
>WT1-R394G SRSDHLKTHTR	411	>WT1-R394G SGSDHLKTHTR	323	88
>WT1-R394G QCKTCQRKFS	271	>WT1-R394G QCKTCQRKFS	21536	21265
>WT1-R394G QCKTCQRKFS	136	>WT1-R394G QCKTCQRKFS	33024	32888
>WT1-R394G FSRSDHLK	1413	>WT1-R394G FSGSDHLK	199	1214
>WT1-R394G FSRSDHLK	60	>WT1-R394G FSGSDHLK	10900	10840
>WT1-R394G FSRSDHLK	165	>WT1-R394G FSGSDHLK	120	45
>WT1-R394G FSRSDHLKTH	351	>WT1-R394G FSGSDHLKTH	7204	6853
>WT1-R394G KFSRSDHLK	283	>WT1-R394G KFSGSDHLK	378	95
>WT1-R394G KFSRSDHL	362	>WT1-R394G KFSGSDHL	301	61
>WT1-R394G KFSRSDHLK	23	>WT1-R394G KFSGSDHLK	78	55
>WT1-R394G KFSRSDHLK	49	>WT1-R394G KFSGSDHLK	132	83
>WT1-R394G KFSRSDHLK	143	>WT1-R394G KFSGSDHLK	87	56
>WT1-R394G KFSRSDHL	147	>WT1-R394G KFSGSDHL	125	22
>WT1-R394G KFSRSDHLK	375	>WT1-R394G KFSGSDHLK	276	99
>WT1-R394G RKFSRSDHLK	253	>WT1-R394G RKFSGSDHLK	495	242
>WT1-R394G RKFSRSDH	17	>WT1-R394G RKFSGSDH	13	4
>WT1-R394G RKFSRSDHL	6	>WT1-R394G RKFSGSDHL	5	1
>WT1-R394G RKFSRSDHLK	104	>WT1-R394G RKFSGSDHLK	111	7
>WT1-R394G RKFSRSDHLK	174	>WT1-R394G RKFSGSDHLK	135	39
>WT1-R394G RKFSRSDHLK	275	>WT1-R394G RKFSGSDHLK	519	244
>WT1-R394G RKFSRSDHL	970	>WT1-R394G RKFSGSDHL	393	577
>WT1-R394G QRKFSRSDHL	706	>WT1-R394G QRKFSGSDHL	484	222
>WT1-R394G CQRKFSRSDH	557	>WT1-R394G CQRKFSGSDH	367	190
>WT1-R394G CQRKFSRSDH	171	>WT1-R394G CQRKFSGSDH	202	31
>WT1-R394G CQRKFSRSDH	104	>WT1-R394G CQRKFSGSDH	138	34
>WT1-R394G TCQRKFSR	106	>WT1-R394G TCQRKFSG	21597	21491
>WT1-R394G TCQRKFSR	444	>WT1-R394G TCQRKFSG	35977	35533
>WT1-R394G KTCQRKFSR	129	>WT1-R394G KTCQRKFSG	20641	20512
>WT1-R394G KTCQRKFSR	7	>WT1-R394G KTCQRKFSG	4927	4920
>WT1-R394G KTCQRKFSR	140	>WT1-R394G KTCQRKFSG	32333	32193
>WT1-R394G KTCQRKFSR	178	>WT1-R394G KTCQRKFSG	35909	35731
>WT1-R394G KTCQRKFSR	385	>WT1-R394G KTCQRKFSG	16525	16140
>WT1-R394G KTCQRKFSR	34	>WT1-R394G KTCQRKFSG	30498	30464
>WT1-R394P RSDHLKTHTR	27	>WT1-R394P PSDHLKTHTR	1224	1197
>WT1-R394P RSDHLKTH	388	>WT1-R394P PSDHLKTH	19665	19277
>WT1-R394P RSDHLKTH	408	>WT1-R394P PSDHLKTH	12313	11905
>WT1-R394P RSDHLKTHTR	310	>WT1-R394P PSDHLKTHTR	5664	5354
>WT1-R394P SRSDHLKTH	23284	>WT1-R394P SPSDHLKTH	424	22860
>WT1-R394P SRSDHLKTHTR	411	>WT1-R394P SPSDHLKTHTR	471	60

>WT1-R394P QCKTCQRKFS	271	>WT1-R394P QCKTCQRKFS	21771	21500
>WT1-R394P QCKTCQRKFS	136	>WT1-R394P QCKTCQRKFS	32683	32547
>WT1-R394P FSRSDHLK	60	>WT1-R394P FSPSDHLK	12720	12660
>WT1-R394P FSRSDHLK	165	>WT1-R394P FSPSDHLK	107	58
>WT1-R394P FSRSDHLKTH	351	>WT1-R394P FSPSDHLKTH	11005	10654
>WT1-R394P FSRSDHLK	23779	>WT1-R394P FSPSDHLK	183	23596
>WT1-R394P FSRSDHLKT	27398	>WT1-R394P FSPSDHLKT	446	26952
>WT1-R394P KFSRSDHLK	283	>WT1-R394P KFSPSDHLK	263	20
>WT1-R394P KFSRSDHL	362	>WT1-R394P KFSPSDHL	180	182
>WT1-R394P KFSRSDHLK	23	>WT1-R394P KFSPSDHLK	32	9
>WT1-R394P KFSRSDHLK	49	>WT1-R394P KFSPSDHLK	42	7
>WT1-R394P KFSRSDHLK	143	>WT1-R394P KFSPSDHLK	85	58
>WT1-R394P KFSRSDHL	147	>WT1-R394P KFSPSDHL	102	45
>WT1-R394P KFSRSDHLK	375	>WT1-R394P KFSPSDHLK	210	165
>WT1-R394P KFSRSDHLKTI	890	>WT1-R394P KFSPSDHLKTI	492	398
>WT1-R394P RKFSRSDHLK	253	>WT1-R394P RKFSPSDHLK	555	302
>WT1-R394P RKFSRSDH	17	>WT1-R394P RKFSPSDH	11	6
>WT1-R394P RKFSRSDHL	6	>WT1-R394P RKFSPSDHL	4	2
>WT1-R394P RKFSRSDHLK	104	>WT1-R394P RKFSPSDHLK	57	47
>WT1-R394P RKFSRSDHLK	174	>WT1-R394P RKFSPSDHLK	89	85
>WT1-R394P RKFSRSDHLK	275	>WT1-R394P RKFSPSDHLK	500	225
>WT1-R394P RKFSRSDHL	970	>WT1-R394P RKFSPSDHL	332	638
>WT1-R394P CQRKFSRSDH	557	>WT1-R394P CQRKFSPSDH	471	86
>WT1-R394P CQRKFSRSDH	171	>WT1-R394P CQRKFSPSDH	119	52
>WT1-R394P CQRKFSRSDH	104	>WT1-R394P CQRKFSPSDH	67	37
>WT1-R394P TCQRKFSR	106	>WT1-R394P TCQRKFSP	22016	21910
>WT1-R394P TCQRKFSR	444	>WT1-R394P TCQRKFSP	37193	36749
>WT1-R394P KTCQRKFSR	129	>WT1-R394P KTCQRKFSP	18513	18384
>WT1-R394P KTCQRKFSR	7	>WT1-R394P KTCQRKFSP	5301	5294
>WT1-R394P KTCQRKFSR	140	>WT1-R394P KTCQRKFSP	33499	33359
>WT1-R394P KTCQRKFSR	178	>WT1-R394P KTCQRKFSP	34027	33849
>WT1-R394P KTCQRKFSR	385	>WT1-R394P KTCQRKFSP	15530	15145
>WT1-R394P KTCQRKFSR	34	>WT1-R394P KTCQRKFSP	29003	28969
>WT1-R394C RSDHLKTHTR	27	>WT1-R394C QSDHLKTHTF	187	160
>WT1-R394C RSDHLKTH	388	>WT1-R394C QSDHLKTH	5801	5413
>WT1-R394C RSDHLKTH	408	>WT1-R394C QSDHLKTH	4036	3628
>WT1-R394C RSDHLKTHTR	310	>WT1-R394C QSDHLKTHTF	1462	1152
>WT1-R394C SRSDHLKTHT	8527	>WT1-R394C SQSDHLKTHT	57	8470
>WT1-R394C SRSDHLKTHT	411	>WT1-R394C SQSDHLKTHT	226	185
>WT1-R394C QCKTCQRKFS	271	>WT1-R394C QCKTCQRKFS	17589	17318
>WT1-R394C QCKTCQRKFS	136	>WT1-R394C QCKTCQRKFS	16564	16428
>WT1-R394C FSRSDHLK	1413	>WT1-R394C FSQSDHLK	78	1335
>WT1-R394C FSRSDHLK	60	>WT1-R394C FSQSDHLK	7733	7673

>WT1-R394C FSRSDHLK	165	>WT1-R394C FSQSDHLK	92	73
>WT1-R394C FSRSDHLKTH	351	>WT1-R394C FSQSDHLKTH	3493	3142
>WT1-R394C KFSRSDHLK	283	>WT1-R394C KFSQSDHLK	622	339
>WT1-R394C KFSRSDHL	362	>WT1-R394C KFSQSDHL	221	141
>WT1-R394C KFSRSDHLK	23	>WT1-R394C KFSQSDHLK	184	161
>WT1-R394C KFSRSDHLK	49	>WT1-R394C KFSQSDHLK	279	230
>WT1-R394C KFSRSDHLK	143	>WT1-R394C KFSQSDHLK	63	80
>WT1-R394C KFSRSDHL	147	>WT1-R394C KFSQSDHL	116	31
>WT1-R394C KFSRSDHLK	375	>WT1-R394C KFSQSDHLK	277	98
>WT1-R394C RKFSRSDHLK	253	>WT1-R394C RKFSQSDHLK	366	113
>WT1-R394C RKFSRSDH	17	>WT1-R394C RKFSQSDH	17	0
>WT1-R394C RKFSRSDHL	6	>WT1-R394C RKFSQSDHL	5	1
>WT1-R394C RKFSRSDHLK	104	>WT1-R394C RKFSQSDHLK	100	4
>WT1-R394C RKFSRSDHLK	174	>WT1-R394C RKFSQSDHLK	157	17
>WT1-R394C RKFSRSDHLK	275	>WT1-R394C RKFSQSDHLK	308	33
>WT1-R394C RKFSRSDHLK	657	>WT1-R394C RKFSQSDHLK	474	183
>WT1-R394C CQRKFSRSDH	557	>WT1-R394C CQRKFSQSDH	399	158
>WT1-R394C CQRKFSRSDH	171	>WT1-R394C CQRKFSQSDH	116	55
>WT1-R394C CQRKFSRSDH	104	>WT1-R394C CQRKFSQSDH	75	29
>WT1-R394C TCQRKFSR	106	>WT1-R394C TCQRKFSQ	17363	17257
>WT1-R394C TCQRKFSR	444	>WT1-R394C TCQRKFSQ	27521	27077
>WT1-R394C KTCQRKFSR	129	>WT1-R394C KTCQRKFSQ	14285	14156
>WT1-R394C KTCQRKFSR	7	>WT1-R394C KTCQRKFSQ	857	850
>WT1-R394C KTCQRKFSR	140	>WT1-R394C KTCQRKFSQ	22183	22043
>WT1-R394C KTCQRKFSR	178	>WT1-R394C KTCQRKFSQ	12332	12154
>WT1-R394C KTCQRKFSR	385	>WT1-R394C KTCQRKFSQ	5052	4667
>WT1-R394C KTCQRKFSR	34	>WT1-R394C KTCQRKFSQ	8182	8148
>WT1-R394V RSDHLKTHTR	27	>WT1-R394V WSDHLKTHTR	436	409
>WT1-R394V RSDHLKTH	388	>WT1-R394V WSDHLKTH	5150	4762
>WT1-R394V RSDHLKTH	408	>WT1-R394V WSDHLKTH	774	366
>WT1-R394V RSDHLKTHTR	310	>WT1-R394V WSDHLKTHTR	1553	1243
>WT1-R394V SRSDHLKTHTR	8527	>WT1-R394V SWSDHLKTHTR	164	8363
>WT1-R394V SRSDHLKTHTR	411	>WT1-R394V SWSDHLKTHTR	17	394
>WT1-R394V SRSDHLKT	35437	>WT1-R394V SWSDHLKT	491	34946
>WT1-R394V SRSDHLKTH	33425	>WT1-R394V SWSDHLKTH	367	33058
>WT1-R394V SRSDHLKTHTR	32033	>WT1-R394V SWSDHLKTHTR	259	31774
>WT1-R394V QCKTCQRKFS	271	>WT1-R394V QCKTCQRKFS	20552	20281
>WT1-R394V QCKTCQRKFS	136	>WT1-R394V QCKTCQRKFS	28412	28276
>WT1-R394V FSRSDHLK	1413	>WT1-R394V FSWSDHLK	76	1337
>WT1-R394V FSRSDHLK	60	>WT1-R394V FSWSDHLK	7722	7662
>WT1-R394V FSRSDHLK	165	>WT1-R394V FSWSDHLK	73	92
>WT1-R394V FSRSDHLKTH	747	>WT1-R394V FSWSDHLKTH	386	361
>WT1-R394V FSRSDHLKTH	351	>WT1-R394V FSWSDHLKTH	521	170

>WT1-R394V KFSRSDHLK	283	>WT1-R394V KFSWSDHLK	94	189
>WT1-R394V KFSRSDHL	362	>WT1-R394V KFSWSDHL	227	135
>WT1-R394V KFSRSDHLK	23	>WT1-R394V KFSWSDHLK	147	124
>WT1-R394V KFSRSDHLK	49	>WT1-R394V KFSWSDHLK	47	2
>WT1-R394V KFSRSDHLK	143	>WT1-R394V KFSWSDHLK	43	100
>WT1-R394V KFSRSDHL	147	>WT1-R394V KFSWSDHL	26	121
>WT1-R394V KFSRSDHLK	375	>WT1-R394V KFSWSDHLK	40	335
>WT1-R394V KFSRSDHLKTI	890	>WT1-R394V KFSWSDHLKTI	147	743
>WT1-R394V RKFSRSDHLK	253	>WT1-R394V RKFSWSDHLK	751	498
>WT1-R394V RKFSRSDH	17	>WT1-R394V RKFSWSDH	14	3
>WT1-R394V RKFSRSDHL	6	>WT1-R394V RKFSWSDHL	6	0
>WT1-R394V RKFSRSDHLK	104	>WT1-R394V RKFSWSDHLK	108	4
>WT1-R394V RKFSRSDHLK	174	>WT1-R394V RKFSWSDHLK	133	41
>WT1-R394V RKFSRSDHL	614	>WT1-R394V RKFSWSDHL	314	300
>WT1-R394V RKFSRSDHLK	275	>WT1-R394V RKFSWSDHLK	159	116
>WT1-R394V RKFSRSDHL	970	>WT1-R394V RKFSWSDHL	312	658
>WT1-R394V RKFSRSDHLK	657	>WT1-R394V RKFSWSDHLK	271	386
>WT1-R394V QRKFSRSDHL	874	>WT1-R394V QRKFSWSDH	239	635
>WT1-R394V CQRKFSRSDH	557	>WT1-R394V CQRKFSWSD	488	69
>WT1-R394V CQRKFSRSDH	171	>WT1-R394V CQRKFSWSD	178	7
>WT1-R394V CQRKFSRSDH	104	>WT1-R394V CQRKFSWSD	91	13
>WT1-R394V TCQRKFSR	106	>WT1-R394V TCQRKFSW	20858	20752
>WT1-R394V TCQRKFSR	444	>WT1-R394V TCQRKFSW	32349	31905
>WT1-R394V KTCQRKFSR	129	>WT1-R394V KTCQRKFSW	20516	20387
>WT1-R394V KTCQRKFSR	7	>WT1-R394V KTCQRKFSW	2860	2853
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>WT1-R394V KTCQRKFSR	140	>WT1-R394V KTCQRKFSW	28955	28815
>WT1-R394V KTCQRKFSR	178	>WT1-R394V KTCQRKFSW	29401	29223
>WT1-R394V KTCQRKFSR	6437	>WT1-R394V KTCQRKFSW	9	6428
>WT1-R394V KTCQRKFSR	17294	>WT1-R394V KTCQRKFSW	54	17240
>WT1-R394V KTCQRKFSR	19589	>WT1-R394V KTCQRKFSW	14	19575
>WT1-R394V KTCQRKFSR	385	>WT1-R394V KTCQRKFSW	10291	9906
>WT1-R394V KTCQRKFSR	34	>WT1-R394V KTCQRKFSW	23783	23749
>WT1-R394V CKTCQRKFSR	28138	>WT1-R394V CKTCQRKFSV	284	27854
>WT1-R403T RTHTGKTSEK	31	>WT1-R403T TTHTGKTSEK	97	66
>WT1-R403T RTHTGKTSEK	69	>WT1-R403T TTHTGKTSEK	75	6
>WT1-R403T RTHTGKTS	132	>WT1-R403T TTHTGKTS	4336	4204
>WT1-R403T RTHTGKTSEK	4	>WT1-R403T TTHTGKTSEK	27	23
>WT1-R403T RTHTGKTSEK	845	>WT1-R403T TTHTGKTSEK	97	748
>WT1-R403T TRTHTGKTSE	19654	>WT1-R403T TTTHTGKTSE	74	19580
>WT1-R403T TRTHTGKTSE	13014	>WT1-R403T TTTHTGKTSE	493	12521
>WT1-R403T TRTHTGKTSE	6603	>WT1-R403T TTTHTGKTSE	26	6577
>WT1-R403T SRSDHLKTH	411	>WT1-R403T SRSDHLKTH	28720	28309

>WT1-R403T HTRHTGK	75	>WT1-R403T HTTTHTGK	169	94
>WT1-R403T HTRHTGK	1869	>WT1-R403T HTTTHTGK	177	1692
>WT1-R403T HTRHTGK	3	>WT1-R403T HTTTHTGK	51	48
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>WT1-R403T HTRHTGKTS	19	>WT1-R403T HTTTHTGKTS	4628	4609
>WT1-R403T HTRHTGKTS	271	>WT1-R403T HTTTHTGKTS	11327	11056
>WT1-R403T HTRHTGK	142	>WT1-R403T HTTTHTGK	550	408
>WT1-R403T HTRHTGK	115	>WT1-R403T HTTTHTGK	16	99
>WT1-R403T KTHTRHTGK	32	>WT1-R403T KTHTTTHTGK	42	10
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>WT1-R403T KTHTRHTG	16	>WT1-R403T KTHTTTHTG	12	4
>WT1-R403T KTHTRHTGK	3	>WT1-R403T KTHTTTHTGK	3	0
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>WT1-R403T KTHTRHTGK	304	>WT1-R403T KTHTTTHTGK	829	525
>WT1-R403T KTHTRHTG	229	>WT1-R403T KTHTTTHTG	169	60
>WT1-R403T LKTHTRTH	269	>WT1-R403T LKTHTTTH	125	144
>WT1-R403T LKTHTRHTG	312	>WT1-R403T LKTHTTTHTG	283	29
>WT1-R403T HLKTHTRT	569	>WT1-R403T HLKTHTTT	169	400
>WT1-R403T HLKTHTRHT	133	>WT1-R403T HLKTHTTTHT	451	318
>WT1-R403T RSDHLKTHTR	27	>WT1-R403T RSDHLKTHTT	12804	12777
>WT1-R403T RSDHLKTHTR	310	>WT1-R403T RSDHLKTHTT	33729	33419
>WT1-R433C RHNNMHQR	74	>WT1-R433C CHNNMHQR	1747	1673
>WT1-R433C RHNNMHQR	145	>WT1-R433C CHNNMHQR	1409	1264
>WT1-R433C RHNNMHQR	156	>WT1-R433C CHNNMHQR	580	424
>WT1-R433C VRHNNMHQ	137	>WT1-R433C VCHNNMHQ	4249	4112
>WT1-R433C VRHNNMHQ	466	>WT1-R433C VCHNNMHQ	25784	25318
>WT1-R433C VRHNNMHQ	248	>WT1-R433C VCHNNMHQ	25438	25190
>WT1-R433C VRHNNMHQ	830	>WT1-R433C VCHNNMHQ	341	489
>WT1-R433C KKFARSDELV	69	>WT1-R433C KKFARSDELV	262	193
>WT1-R433C KKFARSDELV	52	>WT1-R433C KKFARSDELV	31039	30987
>WT1-R433C LVRHNNMH	339	>WT1-R433C LVCHNNMH	12844	12505
>WT1-R433C LVRHNNMHC	19	>WT1-R433C LVCHNNMHC	3765	3746
>WT1-R433C LVRHNNMHC	37	>WT1-R433C LVCHNNMHC	6238	6201
>WT1-R433C LVRHNNMHC	273	>WT1-R433C LVCHNNMHC	11424	11151
>WT1-R433C LVRHNNMHC	43	>WT1-R433C LVCHNNMHC	32	11
>WT1-R433C LVRHNNMHC	997	>WT1-R433C LVCHNNMHC	365	632
>WT1-R433C LVRHNNMHC	908	>WT1-R433C LVCHNNMHC	464	444
>WT1-R433C ELVRHNNM	10	>WT1-R433C ELVCHNNM	13	3
>WT1-R433C ELVRHNNMH	449	>WT1-R433C ELVCHNNMH	865	416
>WT1-R433C ELVRHNNM	291	>WT1-R433C ELVCHNNM	184	107
>WT1-R433C ELVRHNNMH	203	>WT1-R433C ELVCHNNMH	178	25
>WT1-R433C ELVRHNNMH	12	>WT1-R433C ELVCHNNMH	10	2

>WT1-R433C ELVRHHNM	311	>WT1-R433C ELVCHHNM	102	209
>WT1-R433C ELVRHHNMH	352	>WT1-R433C ELVCHHNMH	143	209
>WT1-R433C DELVRHHN	270	>WT1-R433C DELVCHHN	148	122
>WT1-R433C DELVRHHNM	11	>WT1-R433C DELVCHHNM	5	6
>WT1-R433C DELVRHHNM	245	>WT1-R433C DELVCHHNM	94	151
>WT1-R433C RSDELVRH	450	>WT1-R433C RSDELVCH	2477	2027
>WT1-R433C RSDELVRHH	1070	>WT1-R433C RSDELVCHH	320	750
>WT1-R433C RSDELVRHHM	8	>WT1-R433C RSDELVCHHM	8	0
>WT1-R433C RSDELVRHH	5988	>WT1-R433C RSDELVCHH	283	5705
>WT1-R433C RSDELVRHHM	138	>WT1-R433C RSDELVCHHM	49	89
>WT1-R433C FARSDELVR	442	>WT1-R433C FARSDELVC	41110	40668
>WT1-R433C KFARSDELVR	169	>WT1-R433C KFARSDELVC	31871	31702
>WT1-R433C KFARSDELVR	34	>WT1-R433C KFARSDELVC	32021	31987
>WT1-S223T·SDNLYQMTS	451	>WT1-S223T·TDNLYQMTS	447	4
>WT1-S223T·SDNLYQMTS	235	>WT1-S223T·TDNLYQMTS	207	28
>WT1-S223T·SSDNLYQM	2603	>WT1-S223T·STDNLYQM	148	2455
>WT1-S223T·SSDNLYQM	258	>WT1-S223T·STDNLYQM	180	78
>WT1-S223T·YSSDNLYQM	446	>WT1-S223T·YSTDNLYQM	115	331
>WT1-S223T·YSSDNLYQM	136	>WT1-S223T·YSTDNLYQM	801	665
>WT1-S223T·YSSDNLYQM	71	>WT1-S223T·YSTDNLYQM	27	44
>WT1-S223T·YSSDNLYQM	456	>WT1-S223T·YSTDNLYQM	586	130
>WT1-S223T·YSSDNLYQM	8	>WT1-S223T·YSTDNLYQM	10	2
>WT1-S223T·YSSDNLYQM	234	>WT1-S223T·YSTDNLYQM	420	186
>WT1-S223T·YSSDNLYQM	466	>WT1-S223T·YSTDNLYQM	549	83
>WT1-S223T·YSSDNLYQM	160	>WT1-S223T·YSTDNLYQM	200	40
>WT1-S223T·YSSDNLYQM	65	>WT1-S223T·YSTDNLYQM	21	44
>WT1-S223T·YSSDNLYQM	72	>WT1-S223T·YSTDNLYQM	75	3
>WT1-S223T·PYSSDNLY	41	>WT1-S223T·PYSTDNLY	54	13
>WT1-S223T·PYSSDNLY	105	>WT1-S223T·PYSTDNLY	178	73
>WT1-S223T·PYSSDNLY	244	>WT1-S223T·PYSTDNLY	198	46
>WT1-S223T·TPYSSDNL	9	>WT1-S223T·TPYSTDNL	11	2
>WT1-S223T·TPYSSDNLYQ	293	>WT1-S223T·TPYSTDNLYQ	528	235
>WT1-S223T·TPYSSDNLYQ	9	>WT1-S223T·TPYSTDNLYQ	11	2
>WT1-S223T·TPYSSDNLY	279	>WT1-S223T·TPYSTDNLY	157	122
>WT1-S223T·TPYSSDNLY	470	>WT1-S223T·TPYSTDNLY	354	116
>WT1-S223T·TPYSSDNL	582	>WT1-S223T·TPYSTDNL	476	106
>WT1-S223T·TPYSSDNLYQ	357	>WT1-S223T·TPYSTDNLYQ	435	78
>WT1-S223T·TPYSSDNLY	157	>WT1-S223T·TPYSTDNLY	229	72
>WT1-S223T·TPYSSDNL	334	>WT1-S223T·TPYSTDNL	253	81
>WT1-S223T·TPYSSDNLY	19	>WT1-S223T·TPYSTDNLY	15	4
>WT1-S223T·TPYSSDNLYQ	20	>WT1-S223T·TPYSTDNLYQ	18	2
>WT1-S223T·TPYSSDNL	387	>WT1-S223T·TPYSTDNL	302	85
>WT1-S223T·TPYSSDNLYQ	449	>WT1-S223T·TPYSTDNLYQ	325	124

>WT1-S223T·TPYSSDNL	324	>WT1-S223T·TPYSTDNL	278	46
>WT1-S223T·TPYSSDNL	35	>WT1-S223T·TPYSTDNLY	31	4
>WT1-S223T·TPYSSDNL	174	>WT1-S223T·TPYSTDNLYQ	134	40
>WT1-S223T·TPYSSDNL	267	>WT1-S223T·TPYSTDNLY	158	109
>WT1-S223T·TPYSSDNL	74	>WT1-S223T·TPYSTDNLY	93	19
>WT1-S223T·TPYSSDNL	318	>WT1-S223T·TPYSTDNL	202	116
>WT1-S223T·TPYSSDNL	87	>WT1-S223T·TPYSTDNLY	66	21
>WT1-S223T·TPYSSDNL	566	>WT1-S223T·TPYSTDNLYQ	480	86
>WT1-S223T·RTPYSSDNL	99	>WT1-S223T·RTPYSTDNLY	93	6
>WT1-S223T·RTPYSSDNL	455	>WT1-S223T·RTPYSTDNLY	368	87
>WT1-S223T·RTPYSSDNL	814	>WT1-S223T·RTPYSTDNLY	429	385
>WT1-S223T·RTPYSSDNL	890	>WT1-S223T·RTPYSTDNLY	420	470
>WT1-S223T·RTPYSSDNL	266	>WT1-S223T·RTPYSTDNLY	233	33
>WT1-S223T·RTPYSSDNL	17	>WT1-S223T·RTPYSTDNLY	13	4
>WT1-S223T·RTPYSSDNL	79	>WT1-S223T·RTPYSTDNL	36	43
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>WT1-S223T·RTPYSSDNL	759	>WT1-S223T·RTPYSTDNL	370	389
>WT1-S223T·RTPYSSDNL	428	>WT1-S223T·RTPYSTDNLY	179	249
>WT1-S223T·RTPYSSDNL	55	>WT1-S223T·RTPYSTDNL	107	52
>WT1-S223T·RTPYSSDNL	25	>WT1-S223T·RTPYSTDNLY	48	23
>WT1-S223T·RTPYSSDNL	4	>WT1-S223T·RTPYSTDNL	3	1
>WT1-S223T·RTPYSSDNL	18	>WT1-S223T·RTPYSTDNLY	17	1
>WT1-S223T·RTPYSSDNL	42	>WT1-S223T·RTPYSTDNLY	42	0
>WT1-S223T·RTPYSSDNL	19	>WT1-S223T·RTPYSTDNLY	21	2
>WT1-S223T·RTPYSSDNL	233	>WT1-S223T·RTPYSTDNL	184	49
>WT1-S223T·LRTPYSSDNL	545	>WT1-S223T·LRTPYSTDNL	475	70
>WT1-S223T·LRTPYSSDNL	488	>WT1-S223T·LRTPYSTDNL	721	233
>WT1-S223T·LRTPYSSDNL	376	>WT1-S223T·LRTPYSTDNL	484	108
>WT1-S223T·LRTPYSSDNL	147	>WT1-S223T·LRTPYSTDNL	185	38
>WT1-S223T·LRTPYSSDNL	669	>WT1-S223T·LRTPYSTDNL	373	296
>WT1-S223T·LRTPYSSDNL	295	>WT1-S223T·LRTPYSTDNL	463	168
>WT1-S223T·LRTPYSSDNL	73	>WT1-S223T·LRTPYSTDNL	108	35
>WT1-S223T·LLRTPYSSDNI	202	>WT1-S223T·LLRTPYSTDNI	186	16
>WT1-S223T·LLRTPYSSDNI	144	>WT1-S223T·LLRTPYSTDNI	112	32
>WT1-S223T·LLRTPYSS	3309	>WT1-S223T·LLRTPYST	243	3066
>WT1-S223T·LLRTPYSSDNI	33	>WT1-S223T·LLRTPYSTDNI	26	7
>WT1-S223T·LLRTPYSSDNI	177	>WT1-S223T·LLRTPYSTDNI	218	41
>WT1-S223T·LLLRTPYSS	2356	>WT1-S223T·LLLRTPYST	277	2079
>WT1-S223T·LLLRTPYSS	64	>WT1-S223T·LLLRTPYST	13	51
>WT1-S223T·LLLRTPYSS	493	>WT1-S223T·LLLRTPYST	72	421
>WT1-S223T·LLLRTPYSS	1672	>WT1-S223T·LLLRTPYST	202	1470
>WT1-S223T·LLLRTPYSS	4126	>WT1-S223T·LLLRTPYST	116	4010
>WT1-S223T·LLLRTPYSS	676	>WT1-S223T·LLLRTPYST	40	636

>WT1-S223T·ALLRTPYSS	2010	>WT1-S223T·ALLRTPYST	237	1773
>WT1-S223T·ALLRTPYSS	1911	>WT1-S223T·ALLRTPYST	282	1629
>WT1-S223T·ALLRTPYSS	2221	>WT1-S223T·ALLRTPYST	233	1988
>WT1-S223T·ALLRTPYSS	538	>WT1-S223T·ALLRTPYST	91	447
>WT1-S223T·ALLRTPYSS	2063	>WT1-S223T·ALLRTPYST	414	1649
>WT1-S223T·ALLRTPYSS	2569	>WT1-S223T·ALLRTPYST	313	2256
>WT1-S223T·ALLRTPYSS	1497	>WT1-S223T·ALLRTPYST	95	1402
>WT1-S273G SDNHTTPI	916	>WT1-S273G GDNHTTPI	420	496
>WT1-S273G SDNHTTPIL	866	>WT1-S273G GDNHTTPIL	418	448
>WT1-S273G SDNHTTPI	786	>WT1-S273G GDNHTTPI	147	639
>WT1-S273G SDNHTTPI	56	>WT1-S273G GDNHTTPI	83	27
>WT1-S273G SDNHTTPIL	281	>WT1-S273G GDNHTTPIL	447	166
>WT1-S273G ESDNHTTPI	297	>WT1-S273G EGDNHTTPI	15363	15066
>WT1-S273G ESDNHTTPI	484	>WT1-S273G EGDNHTTPI	7263	6779
>WT1-S273G ESDNHTTPI	35	>WT1-S273G EGDNHTTPI	663	628
>WT1-S273G ESDNHTTPIL	204	>WT1-S273G EGDNHTTPIL	3322	3118
>WT1-S273G YESDNHHT	205	>WT1-S273G YEGDNHHT	603	398
>WT1-S273G YESDNHTTPI	65	>WT1-S273G YEGDNHTTPI	95	30
>WT1-S273G YESDNHTTPI	286	>WT1-S273G YEGDNHTTPI	1865	1579
>WT1-S273G YESDNHHT	261	>WT1-S273G YEGDNHHT	889	628
>WT1-S273G YESDNHTTPII	53	>WT1-S273G YEGDNHTTPII	163	110
>WT1-S273G YESDNHTTPII	57	>WT1-S273G YEGDNHTTPII	920	863
>WT1-S273G YESDNHTTPII	7	>WT1-S273G YEGDNHTTPII	20	13
>WT1-S273G YESDNHTTPI	127	>WT1-S273G YEGDNHTTPI	263	136
>WT1-S273G YESDNHTTPII	85	>WT1-S273G YEGDNHTTPII	131	46
>WT1-S273G YESDNHTTPI	25	>WT1-S273G YEGDNHTTPI	31	6
>WT1-S273G YESDNHTTPII	21	>WT1-S273G YEGDNHTTPII	53	32
>WT1-S273G GYESDNHTTF	48	>WT1-S273G GYEGDNHTTF	78	30
>WT1-S273G GYESDNHTTF	459	>WT1-S273G GYEGDNHTTF	443	16
>WT1-S315P·SETSEKRPFM	85	>WT1-S315P·PETSEKRPFM	1222	1137
>WT1-S315P·SETSEKRPF	180	>WT1-S315P·PETSEKRPF	946	766
>WT1-S315P·SETSEKRPF	411	>WT1-S315P·PETSEKRPF	2566	2155
>WT1-S315P·SETSEKRPF	355	>WT1-S315P·PETSEKRPF	3429	3074
>WT1-S315P·ASETSEKRPFII	3976	>WT1-S315P·APETSEKRPFII	14	3962
>WT1-S315P·ASETSEKRPF	20459	>WT1-S315P·APETSEKRPF	65	20394
>WT1-S315P·ASETSEKRPFII	20777	>WT1-S315P·APETSEKRPFII	315	20462
>WT1-S315P·ASETSEKRPF	411	>WT1-S315P·APETSEKRPF	2877	2466
>WT1-S315P·ASETSEKRPF	18	>WT1-S315P·APETSEKRPF	16489	16471
>WT1-S315P·ASETSEKRPFII	86	>WT1-S315P·APETSEKRPFII	21650	21564
>WT1-S315P·ASETSEKRPF	19275	>WT1-S315P·APETSEKRPF	444	18831
>WT1-S315P·SASETSEK	44	>WT1-S315P·SAPETSEK	478	434
>WT1-S315P·SASETSEK	58	>WT1-S315P·SAPETSEK	400	342
>WT1-S315P·SASETSEKR	24	>WT1-S315P·SAPETSEKR	148	124



>WT1-S315P SASETSEKRPI	285	>WT1-S315P SAPETSEKRPI	1573	1288
>WT1-S315P SASETSEKRPI	93	>WT1-S315P SAPETSEKRPI	738	645
>WT1-S315P SASETSEKRPI	52	>WT1-S315P SAPETSEKRPI	1081	1029
>WT1-S315P SASETSEKRPI	196	>WT1-S315P SAPETSEKRPI	1257	1061
>WT1-S315P SASETSEKRPI	8990	>WT1-S315P SAPETSEKRPI	75	8915
>WT1-S315P RSASETSEK	102	>WT1-S315P RSAPETSEK	113	11
>WT1-S315P RSASETSEK	22	>WT1-S315P RSAPETSEK	23	1
>WT1-S315P RSASETSEK	86	>WT1-S315P RSAPETSEK	45	41
>WT1-S315P RSASETSEKR	323	>WT1-S315P RSAPETSEKR	409	86
>WT1-S315P RSASETSEK	189	>WT1-S315P RSAPETSEK	475	286
>WT1-S315P RSASETSEKR	59	>WT1-S315P RSAPETSEKR	92	33
>WT1-S315P RSASETSEK	587	>WT1-S315P RSAPETSEK	399	188
>WT1-S315P RSASETSEKR	595	>WT1-S315P RSAPETSEKR	465	130
>WT1-S315P LRSASETSEK	260	>WT1-S315P LRSAPETSEK	331	71
>WT1-S315P LRSASET	713	>WT1-S315P LRSAPET	363	350
>WT1-S315P LRSASETS	499	>WT1-S315P LRSAPETS	1073	574
>WT1-S315P LRSASETSEK	5	>WT1-S315P LRSAPETSEK	6	1
>WT1-S315P LRSASETSEK	280	>WT1-S315P LRSAPETSEK	466	186
>WT1-S315P TLRSASET	396	>WT1-S315P TLRSAPET	135	261
>WT1-S315P APTLRSASEK	416	>WT1-S315P APTLRSAPETSEK	1064	648
>WT1-S338P SHLQMHSR	272	>WT1-S338P PHLQMHSR	559	287
>WT1-S338P LSHLQMHSRI	185	>WT1-S338P LPHLQMHSRI	6146	5961
>WT1-S338P LSHLQMHSRI	276	>WT1-S338P LPHLQMHSRI	15131	14855
>WT1-S338P LSHLQMHSRI	17	>WT1-S338P LPHLQMHSRI	10902	10885
>WT1-S338P LSHLQMHSR	23	>WT1-S338P LPHLQMHSR	3024	3001
>WT1-S338P LSHLQMHSR	225	>WT1-S338P LPHLQMHSR	3606	3381
>WT1-S338P KLSHLQMH	424	>WT1-S338P KLPHLQMH	3308	2884
>WT1-S338P KLSHLQMHSI	206	>WT1-S338P KLPHLQMHSI	894	688
>WT1-S338P KLSHLQMHSI	29	>WT1-S338P KLPHLQMHSI	51	22
>WT1-S338P KLSHLQMHSI	62	>WT1-S338P KLPHLQMHSI	878	816
>WT1-S338P KLSHLQMHSI	46	>WT1-S338P KLPHLQMHSI	452	406
>WT1-S338P KLSHLQMHSI	13	>WT1-S338P KLPHLQMHSI	48	35
>WT1-S338P KLSHLQMHSI	222	>WT1-S338P KLPHLQMHSI	1123	901
>WT1-S338P KLSHLQMHSI	50	>WT1-S338P KLPHLQMHSI	55	5
>WT1-S338P KLSHLQMHSI	32	>WT1-S338P KLPHLQMHSI	28	4
>WT1-S338P FKLSHLQM	6	>WT1-S338P FKLPHLQM	12	6
>WT1-S338P FKLSHLQMH	53	>WT1-S338P FKLPHLQMH	87	34
>WT1-S338P FKLSHLQMH	265	>WT1-S338P FKLPHLQMH	500	235
>WT1-S338P FKLSHLQMH	77	>WT1-S338P FKLPHLQMH	112	35
>WT1-S338P FKLSHLQM	313	>WT1-S338P FKLPHLQM	645	332
>WT1-S338P YFKLSHLQM	342	>WT1-S338P YFKLPHLQM	272	70
>WT1-S338P YFKLSHLQM	967	>WT1-S338P YFKLPHLQM	479	488
>WT1-S338P RYFKLSHL	201	>WT1-S338P RYFKLPHL	279	78

>WT1-S338P RYFKLSHL	12	>WT1-S338P RYFKLPHL	279	267
>WT1-S338P RYFKLSHL	80	>WT1-S338P RYFKLPHL	54	26
>WT1-S338P RYFKLSHLQNM	301	>WT1-S338P RYFKLPHLQNM	567	266
>WT1-S338P RYFKLSHL	140	>WT1-S338P RYFKLPHL	126	14
>WT1-S338P RYFKLSHLQNM	190	>WT1-S338P RYFKLPHLQNM	344	154
>WT1-S338P RYFKLSHL	4	>WT1-S338P RYFKLPHL	4	0
>WT1-S338P RYFKLSHLQ	173	>WT1-S338P RYFKLPHLQ	430	257
>WT1-S338P RYFKLSHLQNM	8	>WT1-S338P RYFKLPHLQNM	10	2
>WT1-S338P RYFKLSHLQNM	167	>WT1-S338P RYFKLPHLQNM	241	74
>WT1-S338P RYFKLSHL	86	>WT1-S338P RYFKLPHL	49	37
>WT1-S338P RYFKLSHLQ	194	>WT1-S338P RYFKLPHLQ	460	266
>WT1-S338P RYFKLSHLQNM	32	>WT1-S338P RYFKLPHLQNM	63	31
>WT1-S338P RYFKLSHL	424	>WT1-S338P RYFKLPHL	643	219
>WT1-S338P RYFKLSHLQNM	289	>WT1-S338P RYFKLPHLQNM	362	73
>WT1-S338P RYFKLSHLQNM	318	>WT1-S338P RYFKLPHLQNM	305	13
>WT1-S338P RYFKLSHLQNM	482	>WT1-S338P RYFKLPHLQNM	809	327
>WT1-S338P RYFKLSHL	616	>WT1-S338P RYFKLPHL	328	288
>WT1-S338P RYFKLSHLQ	29	>WT1-S338P RYFKLPHLQ	27	2
>WT1-S338P RYFKLSHLQNM	311	>WT1-S338P RYFKLPHLQNM	306	5
>WT1-S338P RYFKLSHL	567	>WT1-S338P RYFKLPHL	408	159
>WT1-S338P RYFKLSHLQNM	282	>WT1-S338P RYFKLPHLQNM	135	147
>WT1-S338P RYFKLSHL	323	>WT1-S338P RYFKLPHL	284	39
>WT1-S338P RYFKLSHLQ	530	>WT1-S338P RYFKLPHLQ	289	241
>WT1-S338P RYFKLSHLQNM	249	>WT1-S338P RYFKLPHLQNM	117	132
>WT1-S338P KRYFKLSHL	159	>WT1-S338P KRYFKLPHL	139	20
>WT1-S338P KRYFKLSHLQ	453	>WT1-S338P KRYFKLPHLQ	453	0
>WT1-S338P KRYFKLSHL	200	>WT1-S338P KRYFKLPHL	524	324
>WT1-S338P KRYFKLSHLQ	85	>WT1-S338P KRYFKLPHLQ	163	78
>WT1-S338P KRYFKLSH	133	>WT1-S338P KRYFKLPH	99	34
>WT1-S338P KRYFKLSHL	72	>WT1-S338P KRYFKLPHL	83	11
>WT1-S338P KRYFKLSHLQ	174	>WT1-S338P KRYFKLPHLQ	45	129
>WT1-S338P KRYFKLSHLQ	43	>WT1-S338P KRYFKLPHLQ	54	11
>WT1-S338P KRYFKLSH	131	>WT1-S338P KRYFKLPH	49	82
>WT1-S338P KRYFKLSHL	28	>WT1-S338P KRYFKLPHL	28	0
>WT1-S338P KRYFKLSHLQ	202	>WT1-S338P KRYFKLPHLQ	118	84
>WT1-S338P KRYFKLSHLQ	47	>WT1-S338P KRYFKLPHLQ	43	4
>WT1-S338P KRYFKLSHL	7	>WT1-S338P KRYFKLPHL	8	1
>WT1-S338P KRYFKLSHLQ	442	>WT1-S338P KRYFKLPHLQ	215	227
>WT1-S338P KRYFKLSHLQ	43	>WT1-S338P KRYFKLPHLQ	50	7
>WT1-S338P NKRYFKLSH	357	>WT1-S338P NKRYFKLPH	271	86
>WT1-S338P NKRYFKLSHL	96	>WT1-S338P NKRYFKLPHL	191	95
>WT1-S338P CNKRYFKLSH	344	>WT1-S338P CNKRYFKLPH	283	61
>WT1-S338P CNKRYFKLSH	135	>WT1-S338P CNKRYFKLPH	221	86

>WT1-S338Y·SHLQMHSR	272	>WT1-S338Y·YHLQMHSR	228	44
>WT1-S338Y·LSHLQMHSRI	185	>WT1-S338Y·LYHLQMHSRI	4082	3897
>WT1-S338Y·LSHLQMHSRI	276	>WT1-S338Y·LYHLQMHSRI	14620	14344
>WT1-S338Y·LSHLQMHSRI	17	>WT1-S338Y·LYHLQMHSRI	17	0
>WT1-S338Y·LSHLQMHSR	23	>WT1-S338Y·LYHLQMHSR	23	0
>WT1-S338Y·LSHLQMHSR	614	>WT1-S338Y·LYHLQMHSR	62	552
>WT1-S338Y·LSHLQMHSR	225	>WT1-S338Y·LYHLQMHSR	1941	1716
>WT1-S338Y·LSHLQMHSR	1370	>WT1-S338Y·LYHLQMHSR	54	1316
>WT1-S338Y·KLSHLQMH	424	>WT1-S338Y·KLYHLQMH	63	361
>WT1-S338Y·KLSHLQMHSI	206	>WT1-S338Y·KLYHLQMHSI	56	150
>WT1-S338Y·KLSHLQMHSI	29	>WT1-S338Y·KLYHLQMHSI	23	6
>WT1-S338Y·KLSHLQMHSI	62	>WT1-S338Y·KLYHLQMHSI	32	30
>WT1-S338Y·KLSHLQMHSI	46	>WT1-S338Y·KLYHLQMHSI	23	23
>WT1-S338Y·KLSHLQMHSI	13	>WT1-S338Y·KLYHLQMHSI	9	4
>WT1-S338Y·KLSHLQMHSI	222	>WT1-S338Y·KLYHLQMHSI	50	172
>WT1-S338Y·KLSHLQMHSI	50	>WT1-S338Y·KLYHLQMHSI	44	6
>WT1-S338Y·KLSHLQMHSI	32	>WT1-S338Y·KLYHLQMHSI	18	14
>WT1-S338Y·KLSHLQMHSI	1332	>WT1-S338Y·KLYHLQMHSI	178	1154
>WT1-S338Y·FKLSHLQM	6	>WT1-S338Y·FKLYHLQM	10	4
>WT1-S338Y·FKLSHLQMH	53	>WT1-S338Y·FKLYHLQMH	53	0
>WT1-S338Y·FKLSHLQMH!	265	>WT1-S338Y·FKLYHLQMH!	352	87
>WT1-S338Y·FKLSHLQMH!	77	>WT1-S338Y·FKLYHLQMH!	104	27
>WT1-S338Y·FKLSHLQM	313	>WT1-S338Y·FKLYHLQM	761	448
>WT1-S338Y·YFKLSHLQM	342	>WT1-S338Y·YFKLYHLQM	148	194
>WT1-S338Y·YFKLSHLQM	1332	>WT1-S338Y·YFKLYHLQM	242	1090
>WT1-S338Y·RYFKLSHL	201	>WT1-S338Y·RYFKLYHL	167	34
>WT1-S338Y·RYFKLSHL	12	>WT1-S338Y·RYFKLYHL	143	131
>WT1-S338Y·RYFKLSHL	1070	>WT1-S338Y·RYFKLYHL	437	633
>WT1-S338Y·RYFKLSHL	80	>WT1-S338Y·RYFKLYHL	28	52
>WT1-S338Y·RYFKLSHLQV	301	>WT1-S338Y·RYFKLYHLQV	389	88
>WT1-S338Y·RYFKLSHL	140	>WT1-S338Y·RYFKLYHL	57	83
>WT1-S338Y·RYFKLSHLQ	890	>WT1-S338Y·RYFKLYHLQ	285	605
>WT1-S338Y·RYFKLSHLQV	190	>WT1-S338Y·RYFKLYHLQV	195	5
>WT1-S338Y·RYFKLSHL	4	>WT1-S338Y·RYFKLYHL	4	0
>WT1-S338Y·RYFKLSHLQ	173	>WT1-S338Y·RYFKLYHLQ	45	128
>WT1-S338Y·RYFKLSHLQV	8	>WT1-S338Y·RYFKLYHLQV	6	2
>WT1-S338Y·RYFKLSHLQV	167	>WT1-S338Y·RYFKLYHLQV	96	71
>WT1-S338Y·RYFKLSHL	86	>WT1-S338Y·RYFKLYHL	89	3
>WT1-S338Y·RYFKLSHLQ	194	>WT1-S338Y·RYFKLYHLQ	183	11
>WT1-S338Y·RYFKLSHLQV	32	>WT1-S338Y·RYFKLYHLQV	34	2
>WT1-S338Y·RYFKLSHL	424	>WT1-S338Y·RYFKLYHL	86	338
>WT1-S338Y·RYFKLSHLQ	626	>WT1-S338Y·RYFKLYHLQ	195	431
>WT1-S338Y·RYFKLSHLQV	289	>WT1-S338Y·RYFKLYHLQV	165	124

>WT1-S338Y·RYFKLSHL	646	>WT1-S338Y·RYFKLYHL	184	462
>WT1-S338Y·RYFKLSHLQMV	318	>WT1-S338Y·RYFKLYHLQMV	645	327
>WT1-S338Y·RYFKLSHLQMV	482	>WT1-S338Y·RYFKLYHLQMV	478	4
>WT1-S338Y·RYFKLSHL	1249	>WT1-S338Y·RYFKLYHL	224	1025
>WT1-S338Y·RYFKLSHLQ	29	>WT1-S338Y·RYFKLYHLQ	27	2
>WT1-S338Y·RYFKLSHLQMV	311	>WT1-S338Y·RYFKLYHLQMV	207	104
>WT1-S338Y·RYFKLSHL	567	>WT1-S338Y·RYFKLYHL	201	366
>WT1-S338Y·RYFKLSHLQMV	282	>WT1-S338Y·RYFKLYHLQMV	141	141
>WT1-S338Y·RYFKLSHL	323	>WT1-S338Y·RYFKLYHL	182	141
>WT1-S338Y·RYFKLSHLQ	530	>WT1-S338Y·RYFKLYHLQ	227	303
>WT1-S338Y·RYFKLSHLQMV	249	>WT1-S338Y·RYFKLYHLQMV	154	95
>WT1-S338Y·KRYFKLSHL	159	>WT1-S338Y·KRYFKLYHL	275	116
>WT1-S338Y·KRYFKLSHLQ	453	>WT1-S338Y·KRYFKLYHLQ	292	161
>WT1-S338Y·KRYFKLSHL	200	>WT1-S338Y·KRYFKLYHL	515	315
>WT1-S338Y·KRYFKLSHLQ	85	>WT1-S338Y·KRYFKLYHLQ	152	67
>WT1-S338Y·KRYFKLSH	133	>WT1-S338Y·KRYFKLYH	181	48
>WT1-S338Y·KRYFKLSHL	72	>WT1-S338Y·KRYFKLYHL	33	39
>WT1-S338Y·KRYFKLSHLQ	174	>WT1-S338Y·KRYFKLYHLQ	70	104
>WT1-S338Y·KRYFKLSHLQ	43	>WT1-S338Y·KRYFKLYHLQ	27	16
>WT1-S338Y·KRYFKLSH	131	>WT1-S338Y·KRYFKLYH	212	81
>WT1-S338Y·KRYFKLSHL	28	>WT1-S338Y·KRYFKLYHL	35	7
>WT1-S338Y·KRYFKLSHLQ	202	>WT1-S338Y·KRYFKLYHLQ	152	50
>WT1-S338Y·KRYFKLSHLQ	47	>WT1-S338Y·KRYFKLYHLQ	45	2
>WT1-S338Y·KRYFKLSHL	7	>WT1-S338Y·KRYFKLYHL	16	9
>WT1-S338Y·KRYFKLSHLQ	442	>WT1-S338Y·KRYFKLYHLQ	255	187
>WT1-S338Y·KRYFKLSHLQ	43	>WT1-S338Y·KRYFKLYHLQ	43	0
>WT1-S338Y·NKRYFKLS	4574	>WT1-S338Y·NKRYFKLY	17	4557
>WT1-S338Y·NKRYFKLSH	357	>WT1-S338Y·NKRYFKLYH	872	515
>WT1-S338Y·NKRYFKLSHL	96	>WT1-S338Y·NKRYFKLYHL	201	105
>WT1-S338Y·CNKRYFKLSH	344	>WT1-S338Y·CNKRYFKLYH	421	77
>WT1-S338Y·CNKRYFKLSH	135	>WT1-S338Y·CNKRYFKLYH	115	20
>WT1-Y286C·YRIHTHGVFR	240	>WT1-Y286C·CRIHTHGVFR	199	41
>WT1-Y286C·YRIHTHGVFR	411	>WT1-Y286C·CRIHTHGVFR	565	154
>WT1-Y286C·YRIHTHGVFR	232	>WT1-Y286C·CRIHTHGVFR	1206	974
>WT1-Y286C·YRIHTHGV	177	>WT1-Y286C·CRIHTHGV	1249	1072
>WT1-Y286C·YRIHTHGVF	9	>WT1-Y286C·CRIHTHGVF	36	27
>WT1-Y286C·YRIHTHGVFR	276	>WT1-Y286C·CRIHTHGVFR	1763	1487
>WT1-Y286C·YRIHTHGV	159	>WT1-Y286C·CRIHTHGV	1158	999
>WT1-Y286C·YRIHTHGVF	244	>WT1-Y286C·CRIHTHGVF	1729	1485
>WT1-Y286C·YRIHTHGVFR	100	>WT1-Y286C·CRIHTHGVFR	87	13
>WT1-Y286C·YRIHTHGV	185	>WT1-Y286C·CRIHTHGV	4027	3842
>WT1-Y286C·YRIHTHGVF	169	>WT1-Y286C·CRIHTHGVF	4116	3947
>WT1-Y286C·YRIHTHGVF	374	>WT1-Y286C·CRIHTHGVF	6878	6504

>WT1-Y286C YRIHTHG VF	1376	>WT1-Y286C CRIHTHG VF	310	1066
>WT1-Y286C YRIHTHG VFR	311	>WT1-Y286C CRIHTHG VFR	257	54
>WT1-Y286C QYRIHTHG VF	26	>WT1-Y286C QCRIHTHG VF	2985	2959
>WT1-Y286C QYRIHTHG VF	52	>WT1-Y286C QCRIHTHG VF	10706	10654
>WT1-Y286C QYRIHTHG VF	12	>WT1-Y286C QCRIHTHG VF	12296	12284
>WT1-Y286C QYRIHTHG	485	>WT1-Y286C QCRIHTHG	3583	3098
>WT1-Y286C QYRIHTHG V	102	>WT1-Y286C QCRIHTHG V	1264	1162
>WT1-Y286C QYRIHTHG VF	42	>WT1-Y286C QCRIHTHG VF	512	470
>WT1-Y286C QYRIHTHG VF	11	>WT1-Y286C QCRIHTHG VF	149	138
>WT1-Y286C QYRIHTHG VF	47	>WT1-Y286C QCRIHTHG VF	924	877
>WT1-Y286C QYRIHTHG VF	23	>WT1-Y286C QCRIHTHG VF	98	75
>WT1-Y286C HTTPILCGAQ	409	>WT1-Y286C HTTPILCGAQ	22112	21703
>WT1-Y286C HTTPILCGAQ	83	>WT1-Y286C HTTPILCGAQ	12386	12303
>WT1-Y286C HTTPILCGAQ	81	>WT1-Y286C HTTPILCGAQ	13286	13205
>WT1-Y286C HTTPILCGAQ	62	>WT1-Y286C HTTPILCGAQ	25475	25413
>WT1-Y286C HTTPILCGAQ	51	>WT1-Y286C HTTPILCGAQ	21455	21404
>WT1-Y286C HTTPILCGAQ	80	>WT1-Y286C HTTPILCGAQ	22736	22656
>WT1-Y286C HTTPILCGAQ	109	>WT1-Y286C HTTPILCGAQ	15844	15735
>WT1-Y286C HTTPILCGAQ	317	>WT1-Y286C HTTPILCGAQ	27378	27061
>WT1-Y286C HTTPILCGAQ	4	>WT1-Y286C HTTPILCGAQ	1621	1617
>WT1-Y286C HTTPILCGAQ	187	>WT1-Y286C HTTPILCGAQ	14744	14557
>WT1-Y286C HTTPILCGAQ	233	>WT1-Y286C HTTPILCGAQ	10242	10009
>WT1-Y286C HTTPILCGAQ	17	>WT1-Y286C HTTPILCGAQ	4712	4695
>WT1-Y286C HTTPILCGAQ	195	>WT1-Y286C HTTPILCGAQ	37154	36959
>WT1-Y286C AQYRIHTHG \	210	>WT1-Y286C AQCRIHTHG \	1127	917
>WT1-Y286C AQYRIHTHG \	45	>WT1-Y286C AQCRIHTHG \	246	201
>WT1-Y286C AQYRIHTHG \	291	>WT1-Y286C AQCRIHTHG \	944	653
>WT1-Y286C AQYRIHTHG \	12	>WT1-Y286C AQCRIHTHG \	116	104
>WT1-Y286C AQYRIHTHG \	67	>WT1-Y286C AQCRIHTHG \	1447	1380
>WT1-Y286C AQYRIHTHG \	36	>WT1-Y286C AQCRIHTHG \	1791	1755
>WT1-Y286C AQYRIHTHG \	28	>WT1-Y286C AQCRIHTHG \	221	193
>WT1-Y286C AQYRIHTHG \	331	>WT1-Y286C AQCRIHTHG \	1867	1536
>WT1-Y286C AQYRIHTHG	304	>WT1-Y286C AQCRIHTHG	913	609
>WT1-Y286C AQYRIHTHG \	28	>WT1-Y286C AQCRIHTHG \	43	15
>WT1-Y286C AQYRIHTHG \	254	>WT1-Y286C AQCRIHTHG \	3071	2817
>WT1-Y286C AQYRIHTH	65	>WT1-Y286C AQCRIHTH	1177	1112
>WT1-Y286C AQYRIHTHG \	46	>WT1-Y286C AQCRIHTHG \	883	837
>WT1-Y286C AQYRIHTHG \	3	>WT1-Y286C AQCRIHTHG \	15	12
>WT1-Y286C GAQYRIHTHC	760	>WT1-Y286C GAQCRIHTHC	483	277
>WT1-Y286C GAQYRIHTHC	729	>WT1-Y286C GAQCRIHTHC	469	260
>WT1-Y286C GAQYRIHTHC	1409	>WT1-Y286C GAQCRIHTHC	282	1127
>WT1-Y286C GAQYRIHTHC	544	>WT1-Y286C GAQCRIHTHC	96	448
>WT1-Y286C GAQYRIHTHC	276	>WT1-Y286C GAQCRIHTHC	251	25

>WT1-Y286C ILCGAQYRI	63	>WT1-Y286C ILCGAQCRI	695	632
>WT1-Y286C ILCGAQYRI	19	>WT1-Y286C ILCGAQCRI	140	121
>WT1-Y286C ILCGAQYRI	11	>WT1-Y286C ILCGAQCRI	14	3
>WT1-Y286C ILCGAQYRI	435	>WT1-Y286C ILCGAQCRI	1770	1335
>WT1-Y286C ILCGAQYRI	238	>WT1-Y286C ILCGAQCRI	141	97
>WT1-Y286C ILCGAQYRI	21	>WT1-Y286C ILCGAQCRI	67	46
>WT1-Y286C ILCGAQYRI	7	>WT1-Y286C ILCGAQCRI	5	2
>WT1-Y286C ILCGAQYRIHT	63	>WT1-Y286C ILCGAQCRIHT	65	2
>WT1-Y286C ILCGAQYR	70	>WT1-Y286C ILCGAQCR	678	608
>WT1-Y286C ILCGAQYR	128	>WT1-Y286C ILCGAQCR	462	334
>WT1-Y286C ILCGAQYR	165	>WT1-Y286C ILCGAQCR	616	451
>WT1-Y286C ILCGAQYR	49	>WT1-Y286C ILCGAQCR	602	553
>WT1-Y286C PILCGAQY	81	>WT1-Y286C PILCGAQC	21604	21523
>WT1-Y286C PILCGAQYR	77	>WT1-Y286C PILCGAQCR	1980	1903
>WT1-Y286C TPILCGAQYRI	76	>WT1-Y286C TPILCGAQCR	216	140
>WT1-Y286C TPILCGAQYR	380	>WT1-Y286C TPILCGAQCR	957	577
>WT1-Y286C TPILCGAQYR	138	>WT1-Y286C TPILCGAQCR	2364	2226
>WT1-Y286C TPILCGAQY	22	>WT1-Y286C TPILCGAQC	3603	3581
>WT1-Y286C TPILCGAQY	62	>WT1-Y286C TPILCGAQC	13970	13908
>WT1-Y286C TPILCGAQYRI	101	>WT1-Y286C TPILCGAQCR	203	102
>WT1-Y286C TPILCGAQYRI	300	>WT1-Y286C TPILCGAQCR	449	149
>WT1-Y286C TPILCGAQY	339	>WT1-Y286C TPILCGAQC	34480	34141
>WT1-Y286C TPILCGAQY	441	>WT1-Y286C TPILCGAQC	11479	11038
>WT1-Y286C TPILCGAQYR	197	>WT1-Y286C TPILCGAQCR	2443	2246
>WT1-Y286C TTPILCGAQY	165	>WT1-Y286C TTPILCGAQC	31869	31704
>WT1-Y286C TTPILCGAQY	259	>WT1-Y286C TTPILCGAQC	18356	18097
>WT1-Y286C TTPILCGAQY	398	>WT1-Y286C TTPILCGAQC	31459	31061
>WT1-Y286C TTPILCGAQY	119	>WT1-Y286C TTPILCGAQC	27119	27000
>WT1-Y286C TTPILCGAQYI	237	>WT1-Y286C TTPILCGAQC	1877	1640
>WT1-Y286C TTPILCGAQY	179	>WT1-Y286C TTPILCGAQC	27827	27648
>WT1-Y286C TTPILCGAQYI	30	>WT1-Y286C TTPILCGAQC	55	25
>WT1-Y286C TTPILCGAQY	223	>WT1-Y286C TTPILCGAQC	16239	16016
>WT1-Y286C TTPILCGAQY	52	>WT1-Y286C TTPILCGAQC	32	20
>WT1-Y286C TTPILCGAQYI	235	>WT1-Y286C TTPILCGAQC	2860	2625
>WT1-Y286C TTPILCGAQY	35	>WT1-Y286C TTPILCGAQC	7985	7950
>WT1-Y286C TTPILCGAQYI	425	>WT1-Y286C TTPILCGAQC	4527	4102
>WT1-Y327HYPGCNKRYF	98	>WT1-Y327H HPGCNKRYF	289	191
>WT1-Y327HYPGCNKRYFK	125	>WT1-Y327H HPGCNKRYFK	283	158
>WT1-Y327HYPGCNKRYF	95	>WT1-Y327H HPGCNKRYF	135	40
>WT1-Y327HYPGCNKRYFK	108	>WT1-Y327H HPGCNKRYFK	174	66
>WT1-Y327HYPGCNKRY	28	>WT1-Y327H HPGCNKRY	65	37
>WT1-Y327HYPGCNKRYF	303	>WT1-Y327H HPGCNKRYF	735	432
>WT1-Y327HYPGCNKRYFK	1098	>WT1-Y327H HPGCNKRYFK	410	688

>WT1-Y327HAYPGCNKRYF	35	>WT1-Y327HAHPGCNKRYI	1365	1330
>WT1-Y327HAYPGCNKRYF	43	>WT1-Y327HAHPGCNKRYI	1664	1621
>WT1-Y327HAYPGCNKRYF	5	>WT1-Y327HAHPGCNKRYI	2075	2070
>WT1-Y327HAYPGCNKRYF	50	>WT1-Y327HAHPGCNKRYI	2260	2210
>WT1-Y327HAYPGCNKRYF	414	>WT1-Y327HAHPGCNKRYI	10011	9597
>WT1-Y327HAYPGCNKRYF	442	>WT1-Y327HAHPGCNKRYI	9769	9327
>WT1-Y327HAYPGCNKRY	488	>WT1-Y327HAHPGCNKRY	5173	4685
>WT1-Y327HAYPGCNKR	70	>WT1-Y327HAHPGCNKR	1884	1814
>WT1-Y327HAYPGCNKRYF	97	>WT1-Y327HAHPGCNKRYI	3247	3150
>WT1-Y327HTSEKRPFMCA	29	>WT1-Y327HTSEKRPFMCA	10682	10653
>WT1-Y327HTSEKRPFMCA	36	>WT1-Y327HTSEKRPFMCA	8055	8019
>WT1-Y327HTSEKRPFMCA	487	>WT1-Y327HTSEKRPFMCA	5762	5275
>WT1-Y327HCAYPGCNK	207	>WT1-Y327HCAHPGCNK	2581	2374
>WT1-Y327HCAYPGCNK	87	>WT1-Y327HCAHPGCNK	529	442
>WT1-Y327HCAYPGCNK	1188	>WT1-Y327HCAHPGCNK	78	1110
>WT1-Y327HCAYPGCNKR	421	>WT1-Y327HCAHPGCNKR	1020	599
>WT1-Y327HCAYPGCNKR	358	>WT1-Y327HCAHPGCNKR	1332	974
>WT1-Y327HCAYPGCNK	115	>WT1-Y327HCAHPGCNK	508	393
>WT1-Y327HCAYPGCNKR	48	>WT1-Y327HCAHPGCNKR	186	138
>WT1-Y327HCAYPGCNKR)	465	>WT1-Y327HCAHPGCNKR'	1644	1179
>WT1-Y327HCAYPGCNKR)	74	>WT1-Y327HCAHPGCNKR'	323	249
>WT1-Y327HCAYPGCNKR)	12	>WT1-Y327HCAHPGCNKR'	64	52
>WT1-Y327HCAYPGCNKR)	31	>WT1-Y327HCAHPGCNKR'	167	136
>WT1-Y327HMCAYPGCNK	99	>WT1-Y327HMCAYHPGCNK	137	38
>WT1-Y327HFMCAYPGC	283	>WT1-Y327HFMCAHPGC	319	36
>WT1-Y327HFMCAYPGC	256	>WT1-Y327HFMCAHPGC	385	129
>WT1-Y327HFMCAYPGC	7	>WT1-Y327HFMCAHPGC	10	3
>WT1-Y327HFMCAYPGC	18	>WT1-Y327HFMCAHPGC	28	10
>WT1-Y327HFMCAYPGCN	28	>WT1-Y327HFMCAHPGCN	28	0
>WT1-Y327HFMCAYPGCN	54	>WT1-Y327HFMCAHPGCN	58	4
>WT1-Y327HFMCAYPGCN	327	>WT1-Y327HFMCAHPGCN	420	93
>WT1-Y327HFMCAYPGCN	199	>WT1-Y327HFMCAHPGCN	351	152
>WT1-Y327HFMCAYPGCN	84	>WT1-Y327HFMCAHPGCN	90	6
>WT1-Y327HFMCAYPGCN	117	>WT1-Y327HFMCAHPGCN	183	66
>WT1-Y327HFMCAYPGCN	124	>WT1-Y327HFMCAHPGCN	164	40
>WT1-Y327HFMCAYPGCN	280	>WT1-Y327HFMCAHPGCN	315	35
>WT1-Y327HRPFMCAYPG	311	>WT1-Y327HRPFMCAHPG	914	603
>WT1-Y327HRPFMCAYPG	263	>WT1-Y327HRPFMCAHPG	484	221
>WT1-Y327HKRPFMCA	378	>WT1-Y327HKRPFMCAH	6033	5655
>WT1-Y327HKRPFMCAYPG	390	>WT1-Y327HKRPFMCAHPG	506	116
>WT1-Y327HEKRPFMCA	300	>WT1-Y327HEKRPFMCAH	8686	8386
>WT1-Y327HEKRPFMCA	274	>WT1-Y327HEKRPFMCAH	12777	12503
>WT1-Y327HEKRPFMCA	11	>WT1-Y327HEKRPFMCAH	416	405

>WT1-Y327HSEKRPFMCA\	122	>WT1-Y327HSEKRPFMCA\	8269	8147
>WT1-Y327HSEKRPFMCA\	92	>WT1-Y327HSEKRPFMCA\	3575	3483
>WT1-Y327HSEKRPFMCA\	470	>WT1-Y327HSEKRPFMCA\	18621	18151
>XPA-K221E- KVKELRRAV	101	>XPA-K221E- EKVKELRRAV	1272	1171
>XPA-K221E- KVKELRR	100	>XPA-K221E- EKVKELRR	1433	1333
>XPA-K221E- KVKELRRAV	190	>XPA-K221E- EKVKELRRAV	2171	1981
>XPA-K221E- DKVKELRRA	17757	>XPA-K221E- DEKVKELRRA	458	17299
>XPA-K221E- KFDKVKELR	34	>XPA-K221E- KFDEKVKELR	79	45
>XPA-K221E- KFDKVKELR	193	>XPA-K221E- KFDEKVKELR	307	114
>XPA-K221E- KFDKVKELR	313	>XPA-K221E- KFDEKVKELR	562	249
>XPA-K221E- KFDKVKELR	50	>XPA-K221E- KFDEKVKELR	87	37
>XPA-K221E- KFDKVKELR	35	>XPA-K221E- KFDEKVKELR	55	20
>XPA-K221E- KFKDKVKEL	258	>XPA-K221E- KKFDEKVKEL	915	657
>XPA-K221E- KFKDKVK	313	>XPA-K221E- KKFDEKVK	162	151
>XPA-K221E- KFKDKVKEL	21	>XPA-K221E- KKFDEKVKEL	13	8
>XPA-K221E- KFKDKVKEL	39	>XPA-K221E- KKFDEKVKEL	35	4
>XPA-K221E- QKKFDKVK	251	>XPA-K221E- QKKFDEKVK	218	33
>XPA-K221E- KQKKFDKK	36	>XPA-K221E- KQKKFDEK	42	6
>XPA-K221E- KQKKFDKVK	31	>XPA-K221E- KQKKFDEKVK	86	55
>XPA-K221E- KQKKFDKK	105	>XPA-K221E- KQKKFDEK	84	21
>XPA-K221E- KQKKFDKVK	216	>XPA-K221E- KQKKFDEKV	440	224
>XPA-K221E- KQKKFDKVK	496	>XPA-K221E- KQKKFDEKVK	483	13
>XPA-K221E- KQKKFDKK	431	>XPA-K221E- KQKKFDEK	799	368
>XPA-K221E- KMKQKKFDK	2242	>XPA-K221E- KMKQKKFDE	489	1753
>XPA-K221E- KMKQKKFDK	168	>XPA-K221E- KMKQKKFDE	119	49
>XPA-K221E- KMKQKKFDK	171	>XPA-K221E- KMKQKKFDE	58	113
>XPA-K221E- KMKQKKFDK	544	>XPA-K221E- KMKQKKFDE	220	324
>XPA-K221E- KMKQKKFDK	519	>XPA-K221E- KMKQKKFDE	153	366
>XPA-K221E- KMKQKKFDK	18	>XPA-K221E- KMKQKKFDE	10	8
>XPA-K221E- KMKQKKFDK	117	>XPA-K221E- KMKQKKFDE	19754	19637
>XPA-K221E- KMKQKKFDK	109	>XPA-K221E- KMKQKKFDE	117	8
>XPA-K221E- KMKQKKFDK	26	>XPA-K221E- KMKQKKFDE	9936	9910
>XPA-K221E- KMKQKKFDK	35	>XPA-K221E- KMKQKKFDE	27	8
>XPA-K221E- KMKQKKFDK	32	>XPA-K221E- KMKQKKFDE	2649	2617
>XPA-K221E- KMKQKKFDK	292	>XPA-K221E- KMKQKKFDE	297	5
>XPA-K221E- KMKQKKFDK	418	>XPA-K221E- KMKQKKFDE	19804	19386
>XPA-K221E- KMKQKKFDK	339	>XPA-K221E- KMKQKKFDE	556	217
>XPC-G757R- GNVYFLPSV	1059	>XPC-G757R- RNVYFLPSM	495	564
>XPC-G757R- GNVYFLPSV	3509	>XPC-G757R- RNVYFLPSM	262	3247
>XPC-G757R- GNVYFLPSV	4186	>XPC-G757R- RNVYFLPSM	384	3802
>XPC-G757R- GNVYFLPSV	2301	>XPC-G757R- RNVYFLPSM	276	2025
>XPC-G757R- GNVYFLPSV	24	>XPC-G757R- RNVYFLPSM	20	4
>XPC-G757R- FGNVYFL	57	>XPC-G757R- FRNVYFL	403	346



>XPC-G757R-FGNVYLFL	257	>XPC-G757R-FRNVYLFL	1889	1632
>XPC-G757R-FGNVYLFLPSI	457	>XPC-G757R-FRNVYLFLPSI	2899	2442
>XPC-G757R-FGNVYLFL	5772	>XPC-G757R-FRNVYLFL	287	5485
>XPC-G757R-FGNVYLFLPSI	2351	>XPC-G757R-FRNVYLFLPSI	108	2243
>XPC-G757R-FGNVYLFL	19669	>XPC-G757R-FRNVYLFL	39	19630
>XPC-G757R-FGNVYLFLP	23200	>XPC-G757R-FRNVYLFLP	433	22767
>XPC-G757R-FGNVYLFLPSI	17664	>XPC-G757R-FRNVYLFLPSI	25	17639
>XPC-G757R-FGNVYLFL	9087	>XPC-G757R-FRNVYLFL	96	8991
>XPC-G757R-FGNVYLFLPSI	12723	>XPC-G757R-FRNVYLFLPSI	152	12571
>XPC-G757R-FGNVYLFL	27228	>XPC-G757R-FRNVYLFL	169	27059
>XPC-G757R-FGNVYLFL	21320	>XPC-G757R-FRNVYLFL	395	20925
>XPC-G757R-FGNVYLFLPSI	35486	>XPC-G757R-FRNVYLFLPSI	438	35048
>XPC-G757R-EFGNVYLF	33	>XPC-G757R-EFRNVYLF	39	6
>XPC-G757R-EFGNVYLF	77	>XPC-G757R-EFRNVYLF	174	97
>XPC-G757R-EFGNVYLF	393	>XPC-G757R-EFRNVYLF	872	479
>XPC-G757R-EFGNVYLF	30	>XPC-G757R-EFRNVYLF	115	85
>XPC-G757R-EFGNVYLF	64	>XPC-G757R-EFRNVYLF	281	217
>XPC-G757R-EFGNVYLF	412	>XPC-G757R-EFRNVYLF	424	12
>XPC-G757R-EFGNVYLF	159	>XPC-G757R-EFRNVYLF	171	12
>XPC-G757R-EFGNVYLF	798	>XPC-G757R-EFRNVYLF	310	488
>XPC-G757R-NEFGNVYL	258	>XPC-G757R-NEFRNVYL	204	54
>XPC-G757R-NEFGNVYLF	74	>XPC-G757R-NEFRNVYLF	24	50
>XPC-G757R-NEFGNVYLFL	11	>XPC-G757R-NEFRNVYLFL	7	4
>XPC-G757R-NEFGNVYLF	354	>XPC-G757R-NEFRNVYLF	278	76
>XPC-G757R-NEFGNVYLF	579	>XPC-G757R-NEFRNVYLF	127	452
>XPC-G757R-NEFGNVYL	18	>XPC-G757R-NEFRNVYL	64	46
>XPC-G757R-NEFGNVYLF	4	>XPC-G757R-NEFRNVYLF	6	2
>XPC-G757R-NEFGNVYLFL	287	>XPC-G757R-NEFRNVYLFL	914	627
>XPC-G757R-NEFGNVYL	219	>XPC-G757R-NEFRNVYL	1200	981
>XPC-G757R-NEFGNVYLFL	186	>XPC-G757R-NEFRNVYLFL	790	604
>XPC-G757R-NEFGNVYL	20	>XPC-G757R-NEFRNVYL	67	47
>XPC-G757R-NEFGNVYLF	145	>XPC-G757R-NEFRNVYLF	571	426
>XPC-G757R-NEFGNVYLFL	608	>XPC-G757R-NEFRNVYLFL	417	191
>XPC-G757R-NEFGNVYL	79	>XPC-G757R-NEFRNVYL	145	66
>XPC-G757R-NEFGNVYLF	103	>XPC-G757R-NEFRNVYLF	167	64
>XPC-G757R-NEFGNVYLFL	63	>XPC-G757R-NEFRNVYLFL	78	15
>XPC-G757R-NEFGNVYLF	304	>XPC-G757R-NEFRNVYLF	210	94
>XPC-G757R-NEFGNVYLFL	146	>XPC-G757R-NEFRNVYLFL	225	79
>XPC-G757R-NEFGNVYL	70	>XPC-G757R-NEFRNVYL	86	16
>XPC-G757R-NEFGNVYLF	16	>XPC-G757R-NEFRNVYLF	17	1
>XPC-G757R-NEFGNVYLFL	96	>XPC-G757R-NEFRNVYLFL	126	30
>XPC-G757R-NEFGNVYLF	83	>XPC-G757R-NEFRNVYLF	51	32
>XPC-G757R-NEFGNVYLFL	35	>XPC-G757R-NEFRNVYLFL	30	5

>XPC-G757R-RNEFGNVY	481	>XPC-G757R-RNEFRNVY	723	242
>XPC-G757R-RNEFGNVY	61	>XPC-G757R-RNEFRNVY	141	80
>XPC-G757R-RNEFGNVYLF	375	>XPC-G757R-RNEFRNVYLF	324	51
>XPC-G757R-RNEFGNVYLF	296	>XPC-G757R-RNEFRNVYLF	161	135
>XPC-G757R-PRNEFGNVY	225	>XPC-G757R-PRNEFRNVY	389	164
>XPC-G757R-PRNEFGNVYL	291	>XPC-G757R-PRNEFRNVYL	324	33
>XPC-G757R-VPRNEFGNV\	183	>XPC-G757R-VPRNEFRNV\	581	398
>XPC-G757R-VPRNEFGNV	173	>XPC-G757R-VPRNEFRNV	133	40
>XPC-G757R-VPRNEFGNV\	42	>XPC-G757R-VPRNEFRNV\	31	11
>XPC-G757R-VPRNEFGNV\	2606	>XPC-G757R-VPRNEFRNV\	374	2232
>XPC-G757R-VPRNEFGNV\	398	>XPC-G757R-VPRNEFRNV\	361	37
>XPC-G757R-VPRNEFGNV\	196	>XPC-G757R-VPRNEFRNV\	134	62
>XPC-G757R-KVPRNEFGN\	225	>XPC-G757R-KVPRNEFRN\	449	224
>XPC-G757R-KVPRNEFGN\	463	>XPC-G757R-KVPRNEFRN\	629	166
>XPC-G757R-KVPRNEFGN\	498	>XPC-G757R-KVPRNEFRN\	558	60
>XPC-G757R-KVPRNEFGN\	242	>XPC-G757R-KVPRNEFRN\	325	83
>XPC-G757R-KVPRNEFGN\	139	>XPC-G757R-KVPRNEFRN\	92	47
>XPC-G757R-KVPRNEFG	18257	>XPC-G757R-KVPRNEFR	31	18226
>XPC-G757R-KVPRNEFG	40456	>XPC-G757R-KVPRNEFR	292	40164
>XPC-G757R-KVPRNEFG	30920	>XPC-G757R-KVPRNEFR	66	30854
>XPC-K387T-NKGGRKKR	13013	>XPC-K387T-NTGGRKKR	255	12758
>XPC-K387T-RNKGGRKK	26	>XPC-K387T-RNTGGRKK	2353	2327
>XPC-K387T-RNKGGRKKR\	13	>XPC-K387T-RNTGGRKKR\	872	859
>XPC-K387T-RNKGGRKKR	225	>XPC-K387T-RNTGGRKKR	1825	1600
>XPC-K387T-KRNKGGRKKI	409	>XPC-K387T-KRNTGGRKKI	387	22
>XPC-K387T-KRNKGGRK	202	>XPC-K387T-KRNTGGRK	201	1
>XPC-K387T-KRNKGGRKK	134	>XPC-K387T-KRNTGGRKK	141	7
>XPC-K387T-KRNKGGRKKI	280	>XPC-K387T-KRNTGGRKKI	227	53
>XPC-K387T-KRNKGGRK	581	>XPC-K387T-KRNTGGRK	379	202
>XPC-K387T-KGKRNTGGR	1320	>XPC-K387T-KGKRNTGGR	365	955
>XPC-K387T-KGKRNTGGR	13	>XPC-K387T-KGKRNTGGR	8	5
>XPC-K387T-KGKRNTGGR	11	>XPC-K387T-KGKRNTGGR	9	2
>XPC-K387T-KGKRNTGGR	117	>XPC-K387T-KGKRNTGGR	195	78
>XPC-K387T-KGKRNTGGR	547	>XPC-K387T-KGKRNTGGR	201	346
>XPC-K387T-SAKGKRNK	15	>XPC-K387T-SAKGKRNT	4983	4968
>XPC-K387T-SAKGKRNTG\	84	>XPC-K387T-SAKGKRNTG\	110	26
>XPC-K387T-SAKGKRNTG\	621	>XPC-K387T-SAKGKRNTG\	337	284
>XPC-Q742E-YQPPVAVDG	3766	>XPC-Q742E-YEPPVAVDG\	133	3633
>XPC-Q742E-YQPPVAVDG	166	>XPC-Q742E-YEPPVAVDG\	11271	11105
>XPC-Q742E-YQPPVAVDG	29	>XPC-Q742E-YEPPVAVDG\	2194	2165
>XPC-Q742E-YQPPVAVDG	53	>XPC-Q742E-YEPPVAVDG\	2305	2252
>XPC-Q742E-YQPPVAVDG	65	>XPC-Q742E-YEPPVAVDG\	2680	2615
>XPC-Q742E-YQPPVAVDG	433	>XPC-Q742E-YEPPVAVDG\	5009	4576

>XPC-Q742E-YQPPVAVDG	9463	>XPC-Q742E-YEPPVAVDG	65	9398
>XPC-Q742E-EEYQPPVAV	1736	>XPC-Q742E-EEYEPVAV	230	1506
>XPC-Q742E-EEYQPPVAV	2038	>XPC-Q742E-EEYEPVAV	380	1658
>XPC-Q742E-EEYQPPVAV	453	>XPC-Q742E-EEYEPVAV	51	402
>XPC-Q742E-EEYQPPVAV	455	>XPC-Q742E-EEYEPVAV	240	215
>XPC-Q742E-EEYQPPVA	13	>XPC-Q742E-EEYEPVA	16	3
>XPC-Q742E-EEYQPPVAV	28	>XPC-Q742E-EEYEPVAV	37	9
>XPC-Q742E-EEYQPPVAV	363	>XPC-Q742E-EEYEPVAVD	547	184
>XPC-Q742E-EEYQPPVAV	61	>XPC-Q742E-EEYEPVAV	49	12
>XPC-Q742E-TEEYQPPV	256	>XPC-Q742E-TEEYEPV	443	187
>XPC-Q742E-TEEYQPPV	435	>XPC-Q742E-TEEYEPV	499	64
>XPC-Q742E-TEEYQPPVAV	186	>XPC-Q742E-TEEYEPVAV	184	2
>XPC-Q742E-TEEYQPPV	176	>XPC-Q742E-TEEYEPV	192	16
>XPC-Q742E-TEEYQPPVA	89	>XPC-Q742E-TEEYEPVA	74	15
>XPC-Q742E-TEEYQPPVAV	186	>XPC-Q742E-TEEYEPVAV	236	50
>XPC-Q742E-TEEYQPPVAV	61	>XPC-Q742E-TEEYEPVAV	56	5
>XPC-Q742E-QTEEYQPPV	161	>XPC-Q742E-QTEEYEPV	240	79
>XPC-Q742E-QTEEYQPPV	447	>XPC-Q742E-QTEEYEPV	698	251
>XPC-Q742E-QTEEYQPPVA	393	>XPC-Q742E-QTEEYEPVA	356	37
>XPC-Q742E-QTEEYQPPV	269	>XPC-Q742E-QTEEYEPV	1232	963
>XPC-Q742E-QTEEYQPPVA	158	>XPC-Q742E-QTEEYEPVA	264	106
>XPC-Q742E-QTEEYQPPV	7	>XPC-Q742E-QTEEYEPV	21	14
>XPC-Q742E-QTEEYQPPVA	23	>XPC-Q742E-QTEEYEPVA	34	11
>XPC-Q742E-WQTEEYQPP	420	>XPC-Q742E-WQTEEYEPV	208	212
>XPC-Q742E-WQTEEYQPP	206	>XPC-Q742E-WQTEEYEPV	134	72
>XPC-Q742E-WQTEEYQPP	215	>XPC-Q742E-WQTEEYEPV	173	42
>XPC-Q742E-WQTEEYQPP	36	>XPC-Q742E-WQTEEYEPV	44	8
>XPC-Q742E-WQTEEYQPP	67	>XPC-Q742E-WQTEEYEPV	101	34
>XPC-Q742E-WQTEEYQPP	33	>XPC-Q742E-WQTEEYEPV	39	6
>XPC-Q742E-WQTEEYQPP	49	>XPC-Q742E-WQTEEYEPV	102	53
>XPC-Q742E-WQTEEYQPP	106	>XPC-Q742E-WQTEEYEPV	176	70
>XPC-Q742E-WQTEEYQPP	276	>XPC-Q742E-WQTEEYEPV	488	212
>XPC-Q742E-YWQTEEYQ	497	>XPC-Q742E-YWQTEEYE	614	117
>XPC-Q742E-YWQTEEYQP	495	>XPC-Q742E-YWQTEEYEP	487	8
>ZBTB16-A1E SDDNDTEATI	2914	>ZBTB16-A1E SDDNDTEATI	91	2823
>ZBTB16-A1E EATMADGGA	358	>ZBTB16-A1E EATMVDGGA	104	254
>ZBTB16-A1E TEATMADGG	426	>ZBTB16-A1E TEATMVDGG	389	37
>ZBTB16-A1E NDTEATMA	2946	>ZBTB16-A1E NDTEATMV	81	2865
>ZBTB16-A1E DDNDTEATM	5457	>ZBTB16-A1E DDNDTEATM	198	5259
>ZBTB16-E51 EVHAGVRSYI	2337	>ZBTB16-E51 KVHAGVRSYI	211	2126
>ZBTB16-E51 EVHAGVRSYI	1316	>ZBTB16-E51 KVHAGVRSYI	176	1140
>ZBTB16-E51 EVHAGVRSYI	956	>ZBTB16-E51 KVHAGVRSYI	168	788
>ZBTB16-E51 EVHAGVRSYI	2886	>ZBTB16-E51 KVHAGVRSYI	222	2664

>ZBTB16-E51EVHAGVRSY	11575	>ZBTB16-E51KVHAGVRSY	256	11319
>ZBTB16-E51EVHAGVRSY	36	>ZBTB16-E51KVHAGVRSY	1330	1294
>ZBTB16-E51EVHAGVRSY	10	>ZBTB16-E51KVHAGVRSY	7762	7752
>ZBTB16-E51EVHAGVRSY	3	>ZBTB16-E51KVHAGVRSY	83	80
>ZBTB16-E51EVHAGVRSYI	210	>ZBTB16-E51KVHAGVRSYI	7276	7066
>ZBTB16-E51EVHAGVRSY	6	>ZBTB16-E51KVHAGVRSY	208	202
>ZBTB16-E51EVHAGVRS	14929	>ZBTB16-E51KVHAGVRS	119	14810
>ZBTB16-E51EVHAGVRSY	10288	>ZBTB16-E51KVHAGVRSY	18	10270
>ZBTB16-E51EVHAGVRSYI	3202	>ZBTB16-E51KVHAGVRSYI	5	3197
>ZBTB16-E51EVHAGVRSYI	15386	>ZBTB16-E51KVHAGVRSYI	238	15148
>ZBTB16-E51EVHAGVRSY	1084	>ZBTB16-E51KVHAGVRSY	61	1023
>ZBTB16-E51EVHAGVRSY	8657	>ZBTB16-E51KVHAGVRSY	174	8483
>ZBTB16-E51EVHAGVRSYI	8435	>ZBTB16-E51KVHAGVRSYI	339	8096
>ZBTB16-E51EVHAGVRSYI	23	>ZBTB16-E51KVHAGVRSYI	445	422
>ZBTB16-E51EVHAGVRSYI	206	>ZBTB16-E51KVHAGVRSYI	11634	11428
>ZBTB16-E51EVHAGVRSY	3735	>ZBTB16-E51KVHAGVRSY	78	3657
>ZBTB16-E51EVHAGVRSY	172	>ZBTB16-E51KVHAGVRSY	67	105
>ZBTB16-E51EVHAGVRSY	212	>ZBTB16-E51KVHAGVRSY	348	136
>ZBTB16-E51EVHAGVRSY	3138	>ZBTB16-E51KVHAGVRSY	284	2854
>ZBTB16-E51EVHAGVRSY	702	>ZBTB16-E51KVHAGVRSY	20	682
>ZBTB16-E51EVHAGVRSYI	498	>ZBTB16-E51KVHAGVRSYI	307	191
>ZBTB16-E51MEVHAGVR	92	>ZBTB16-E51MKVHAGVR	23416	23324
>ZBTB16-E51MEVHAGVRS	22	>ZBTB16-E51MKVHAGVRS	1116	1094
>ZBTB16-E51MEVHAGVRS	103	>ZBTB16-E51MKVHAGVRS	788	685
>ZBTB16-E51MEVHAGVR	5743	>ZBTB16-E51MKVHAGVR	272	5471
>ZBTB16-E51MEVHAGVRS	10914	>ZBTB16-E51MKVHAGVRS	468	10446
>ZBTB16-E51MEVHAGVRS	41	>ZBTB16-E51MKVHAGVRS	3	38
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>ZBTB16-E51MEVHAGVRS	217	>ZBTB16-E51MKVHAGVRS	16448	16231
>ZBTB16-E51MEVHAGVRS	30	>ZBTB16-E51MKVHAGVRS	13988	13958
>ZBTB16-E51MEVHAGVRS	423	>ZBTB16-E51MKVHAGVRS	30414	29991
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>ZBTB16-E51MEVHAGVRS	283	>ZBTB16-E51MKVHAGVRS	19449	19166
>ZBTB16-E51MEVHAGVRS	135	>ZBTB16-E51MKVHAGVRS	21343	21208
>ZBTB16-E51MEVHAGVRS	13	>ZBTB16-E51MKVHAGVRS	9003	8990
>ZBTB16-E51QAQSALQQH	25973	>ZBTB16-E51QAQSALQQH	320	25653
>ZBTB16-E51QAQSALQQH	22062	>ZBTB16-E51QAQSALQQH	455	21607
>ZBTB16-E51HMEVHAGV	178	>ZBTB16-E51HMKVHAGV	227	49
>ZBTB16-E51HMEVHAGV	140	>ZBTB16-E51HMKVHAGV	9	131
>ZBTB16-E51HMEVHAGV	54	>ZBTB16-E51HMKVHAGV	101	47
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>ZBTB16-E51HMEVHAGV	11	>ZBTB16-E51HMKVHAGV	11	0
>ZBTB16-E51HMEVHAGVF	1144	>ZBTB16-E51HMKVHAGVF	427	717

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>ZBTB16-E51HMEVHAGV	9007	>ZBTB16-E51HMKVHAGV	116	8891
>ZBTB16-E51HMEVHAGVF	12120	>ZBTB16-E51HMKVHAGVF	271	11849
>ZBTB16-E51HMEVHAGVF	143	>ZBTB16-E51HMKVHAGVF	73	70
>ZBTB16-E51HMEVHAGVF	163	>ZBTB16-E51HMKVHAGVF	14	149
>ZBTB16-E51HMEVHAGVF	2524	>ZBTB16-E51HMKVHAGVF	327	2197
>ZBTB16-E51HMEVHAGVF	148	>ZBTB16-E51HMKVHAGVF	37	111
>ZBTB16-E51HMEVHAGVF	53	>ZBTB16-E51HMKVHAGVF	32	21
>ZBTB16-E51HMEVHAGVF	742	>ZBTB16-E51HMKVHAGVF	24	718
>ZBTB16-E51HMEVHAGVF	980	>ZBTB16-E51HMKVHAGVF	362	618
>ZBTB16-E51HMEVHAGVF	279	>ZBTB16-E51HMKVHAGVF	1000	721
>ZBTB16-E51HMEVHAGVF	289	>ZBTB16-E51HMKVHAGVF	208	81
>ZBTB16-E51QHMEVHAGV	190	>ZBTB16-E51QHMKVHAGV	688	498
>ZBTB16-E51QQHMEVHAGV	366	>ZBTB16-E51QQHMKVHAGV	457	91
>ZBTB16-E51QQHMEVHAGV	189	>ZBTB16-E51QQHMKVHAGV	265	76
>ZBTB16-E51QQHMEVHAGV	1285	>ZBTB16-E51QQHMKVHAGV	347	938
>ZBTB16-E51QQHMEVHAGV	343	>ZBTB16-E51QQHMKVHAGV	598	255
>ZBTB16-E51LQQHMEVHAGV	252	>ZBTB16-E51LQQHMKVHAGV	332	80
>ZBTB16-E51LQQHMEVHAGV	56	>ZBTB16-E51LQQHMKVHAGV	85	29
>ZBTB16-E51LQQHMEVHAGV	362	>ZBTB16-E51LQQHMKVHAGV	534	172
>ZBTB16-E51LQQHMEVHAGV	205	>ZBTB16-E51LQQHMKVHAGV	473	268
>ZBTB16-E51LQQHMEVHAGV	374	>ZBTB16-E51LQQHMKVHAGV	595	221
>ZBTB16-E51LQQHMEVHAGV	439	>ZBTB16-E51LQQHMKVHAGV	325	114
>ZBTB16-E51LQQHMEVHAGV	510	>ZBTB16-E51LQQHMKVHAGV	454	56
>ZBTB16-E51LQQHMEVHAGV	507	>ZBTB16-E51LQQHMKVHAGV	424	83
>ZBTB16-E51LQQHMEVHAGV	475	>ZBTB16-E51LQQHMKVHAGV	533	58
>ZBTB16-E51ALQQHMEV	48	>ZBTB16-E51ALQQHMKV	212	164
>ZBTB16-E51ALQQHMEV	24	>ZBTB16-E51ALQQHMKV	94	70
>ZBTB16-E51ALQQHMEV	10	>ZBTB16-E51ALQQHMKV	15	5
>ZBTB16-E51ALQQHMEV	149	>ZBTB16-E51ALQQHMKV	856	707
>ZBTB16-E51ALQQHMEV	4	>ZBTB16-E51ALQQHMKV	8	4
>ZBTB16-E51ALQQHMEV	469	>ZBTB16-E51ALQQHMKV	856	387
>ZBTB16-E51ALQQHMEV	14	>ZBTB16-E51ALQQHMKV	34	20
>ZBTB16-E51ALQQHMEV	16	>ZBTB16-E51ALQQHMKV	33	17
>ZBTB16-E51ALQQHMEV	140	>ZBTB16-E51ALQQHMKV	338	198
>ZBTB16-E51ALQQHMEV	2	>ZBTB16-E51ALQQHMKV	2	0
>ZBTB16-E51ALQQHMEV	23	>ZBTB16-E51ALQQHMKV	33	10
>ZBTB16-E51SALQQHMEV	74	>ZBTB16-E51SALQQHMKV	219	145
>ZBTB16-E51SALQQHMEV	135	>ZBTB16-E51SALQQHMKV	369	234
>ZBTB16-E51SALQQHMEV	39	>ZBTB16-E51SALQQHMKV	105	66
>ZBTB16-E51SALQQHME	24527	>ZBTB16-E51SALQQHMK	44	24483
>ZBTB16-E51SALQQHME	15175	>ZBTB16-E51SALQQHMK	174	15001
>ZBTB16-E51SALQQHMEV	31	>ZBTB16-E51SALQQHMKV	48	17

>ZBTB16-E51SALQQHME	7471	>ZBTB16-E51SALQQHMK	124	7347
>ZBTB16-E51QSALQQHME	24505	>ZBTB16-E51QSALQQHMK	89	24416
>ZBTB16-E51QSALQQHME	11309	>ZBTB16-E51QSALQQHMK	90	11219
>ZBTB16-E51QSALQQHME	490	>ZBTB16-E51QSALQQHMK	295	195
>ZBTB16-E51QSALQQHME	6581	>ZBTB16-E51QSALQQHMK	108	6473
>ZBTB16-E51AQSALQQHM	80	>ZBTB16-E51AQSALQQHM	234	154
>ZBTB16-E51AQSALQQHM	69	>ZBTB16-E51AQSALQQHM	143	74
>ZBTB16-E51AQSALQQHM	31	>ZBTB16-E51AQSALQQHM	134	103
>ZBTB16-E51AQSALQQHM	287	>ZBTB16-E51AQSALQQHM	607	320
>ZBTB16-E51AQSALQQHM	259	>ZBTB16-E51AQSALQQHM	515	256
>ZBTB16-E51AQSALQQHM	140	>ZBTB16-E51AQSALQQHM	333	193
>ZBTB16-E51AQSALQQHM	25980	>ZBTB16-E51AQSALQQHM	220	25760
>ZBTB16-E51AQSALQQHM	32428	>ZBTB16-E51AQSALQQHM	58	32370
>ZBTB16-E51AQSALQQHM	98	>ZBTB16-E51AQSALQQHM	201	103
>ZBTB16-L42LHSGMKTY	224	>ZBTB16-L42QHSGMKTY	9179	8955
>ZBTB16-L42KLHSGMKT	302	>ZBTB16-L42KQHSGMKT	5352	5050
>ZBTB16-L42KLHSGMKTYC	86	>ZBTB16-L42KQHSGMKTY	4411	4325
>ZBTB16-L42KLHSGMKTYC	258	>ZBTB16-L42KQHSGMKTY	5772	5514
>ZBTB16-L42KLHSGMKT	346	>ZBTB16-L42KQHSGMKT	32016	31670
>ZBTB16-L42KLHSGMKTYC	147	>ZBTB16-L42KQHSGMKTY	27062	26915
>ZBTB16-L42KLHSGMKTY	273	>ZBTB16-L42KQHSGMKTY	4492	4219
>ZBTB16-L42KLHSGMKTY	305	>ZBTB16-L42KQHSGMKTY	1130	825
>ZBTB16-L42KLHSGMKTY	365	>ZBTB16-L42KQHSGMKTY	3925	3560
>ZBTB16-L42KLHSGMKTY	29	>ZBTB16-L42KQHSGMKTY	36	7
>ZBTB16-L42KLHSGMKTY	75	>ZBTB16-L42KQHSGMKTY	1350	1275
>ZBTB16-L42KLHSGMKTY	93	>ZBTB16-L42KQHSGMKTY	52	41
>ZBTB16-L42KLHSGMKTY	79	>ZBTB16-L42KQHSGMKTY	126	47
>ZBTB16-L42KLHSGMKTY	40	>ZBTB16-L42KQHSGMKTY	4	36
>ZBTB16-L42KLHSGMKTY	16	>ZBTB16-L42KQHSGMKTY	114	98
>ZBTB16-L42KLHSGMKTY	163	>ZBTB16-L42KQHSGMKTY	971	808
>ZBTB16-L42RKLHSGMK	306	>ZBTB16-L42RKQHSGMK	1227	921
>ZBTB16-L42RKLHSGMKT	609	>ZBTB16-L42RKQHSGMKT	333	276
>ZBTB16-L42RKLHSGMK	114	>ZBTB16-L42RKQHSGMK	344	230
>ZBTB16-L42RKLHSGMKT	50	>ZBTB16-L42RKQHSGMKT	156	106
>ZBTB16-L42RKLHSGMKT	2	>ZBTB16-L42RKQHSGMKT	3	1
>ZBTB16-L42RKLHSGMKT	428	>ZBTB16-L42RKQHSGMKT	1168	740
>ZBTB16-L42RKLHSGMKT	211	>ZBTB16-L42RKQHSGMKT	1154	943
>ZBTB16-L42HRKLHSGMK	103	>ZBTB16-L42HRKQHSGMK	242	139
>ZBTB16-L42HRKLHSGMK	1307	>ZBTB16-L42HRKQHSGMK	475	832
>ZBTB16-L42HRKLHSGMK	270	>ZBTB16-L42HRKQHSGMK	166	104
>ZBTB16-L42HRKLHSGM	135	>ZBTB16-L42HRKQHSGM	163	28
>ZBTB16-L42HRKLHSGMK	156	>ZBTB16-L42HRKQHSGMK	155	1
>ZBTB16-L42HRKLHSGMK	197	>ZBTB16-L42HRKQHSGMK	199	2

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>ZBTB16-L42 QHRKLHSGM	346	>ZBTB16-L42 QHRKQHSGM	207	139
>ZBTB16-L42 QHRKLHSGM	340	>ZBTB16-L42 QHRKQHSGM	374	34
>ZBTB16-L42 QHRKLHSGM	227	>ZBTB16-L42 QHRKQHSGM	1057	830
>ZBTB16-L42 EQHRKLHSGI	292	>ZBTB16-L42 EQHRKQHSG	833	541
>ZBTB16-L42 EQHRKLHSGI	43	>ZBTB16-L42 EQHRKQHSG	110	67
>ZBTB16-M6 MKGHKPEEI	350	>ZBTB16-M6 IKGHKPEEI	420	70
>ZBTB16-M6 HMKGHKPEE	411	>ZBTB16-M6 HIKGHKPEEI	1705	1294
>ZBTB16-M6 HMKGHKPEE	377	>ZBTB16-M6 HIKGHKPEEI	8239	7862
>ZBTB16-M6 HMKGHKPEE	146	>ZBTB16-M6 HIKGHKPEEI	4483	4337
>ZBTB16-M6 HMKGHKPEE	490	>ZBTB16-M6 HIKGHKPEEI	355	135
>ZBTB16-M6 CPSLSSMQK†	361	>ZBTB16-M6 CPSLSSMQK†	7129	6768
>ZBTB16-M6 CPSLSSMQK†	3357	>ZBTB16-M6 CPSLSSMQK†	365	2992
>ZBTB16-M6 CPSLSSMQK†	408	>ZBTB16-M6 CPSLSSMQK†	258	150
>ZBTB16-M6 KHMKGHKPE	289	>ZBTB16-M6 KHIKGHKPEE	545	256
>ZBTB16-M6 MQKHMKGH	18	>ZBTB16-M6 MQKHIKGHK	21	3
>ZBTB16-M6 MQKHMKGH	45	>ZBTB16-M6 MQKHIKGHK	41	4
>ZBTB16-M6 SMQKHMKG†	110	>ZBTB16-M6 SMQKHIKGH†	113	3
>ZBTB16-M6 SMQKHMKG†	325	>ZBTB16-M6 SMQKHIKGH†	282	43
>ZBTB16-M6 SMQKHMKG†	547	>ZBTB16-M6 SMQKHIKGH†	379	168
>ZBTB16-M6 SSMQKHKM	381	>ZBTB16-M6 SSMQKHIK	723	342
>ZBTB16-M6 SSMQKHKM†	230	>ZBTB16-M6 SSMQKHIK†	252	22
>ZBTB16-M6 SSMQKHKM	9	>ZBTB16-M6 SSMQKHIK	12	3
>ZBTB16-M6 SSMQKHKM†	19	>ZBTB16-M6 SSMQKHIK†	22	3
>ZBTB16-M6 SSMQKHKM	167	>ZBTB16-M6 SSMQKHIK	139	28
>ZBTB16-M6 SSMQKHKM†	87	>ZBTB16-M6 SSMQKHIK†	101	14
>ZBTB16-M6 SSMQKHKM	459	>ZBTB16-M6 SSMQKHIK	629	170
>ZBTB16-M6 SSMQKHKM†	519	>ZBTB16-M6 SSMQKHIK†	454	65
>ZBTB16-M6 SSMQKHKM	81	>ZBTB16-M6 SSMQKHIK	207	126
>ZBTB16-M6 SSMQKHKM†	331	>ZBTB16-M6 SSMQKHIK†	310	21
>ZBTB16-M6 SSMQKHKM†	317	>ZBTB16-M6 SSMQKHIK†	666	349
>ZBTB16-M6 SSMQKHKM	57	>ZBTB16-M6 SSMQKHIK	61	4
>ZBTB16-M6 SSMQKHKM†	87	>ZBTB16-M6 SSMQKHIK†	118	31
>ZBTB16-M6 LSSMQKHKM	48	>ZBTB16-M6 LSSMQKHIK	88	40
>ZBTB16-M6 LSSMQKHKM	597	>ZBTB16-M6 LSSMQKHIK	442	155
>ZBTB16-M6 LSSMQKHKM	194	>ZBTB16-M6 LSSMQKHIK	563	369
>ZBTB16-M6 LSSMQKHM	55	>ZBTB16-M6 LSSMQKHI	383	328
>ZBTB16-M6 LSSMQKHM	442	>ZBTB16-M6 LSSMQKHI	692	250
>ZBTB16-M6 LSSMQKHM	380	>ZBTB16-M6 LSSMQKHI	3411	3031
>ZBTB16-M6 LSSMQKHM†	347	>ZBTB16-M6 LSSMQKHIK	381	34
>ZBTB16-M6 LSSMQKHM	1774	>ZBTB16-M6 LSSMQKHI	53	1721
>ZBTB16-M6 SLSSMQKHM	593	>ZBTB16-M6 SLSSMQKHI	141	452
>ZBTB16-M6 SLSSMQKHM	1759	>ZBTB16-M6 SLSSMQKHI	100	1659

>ZBTB16-M6 SLSSMQKHM	2518	>ZBTB16-M6 SLSSMQKHI	324	2194
>ZBTB16-M6 SLSSMQKHM	1569	>ZBTB16-M6 SLSSMQKHI	121	1448
>ZBTB16-M6 SLSSMQKHM	254	>ZBTB16-M6 SLSSMQKHI	33	221
>ZBTB16-M6 SLSSMQKHM	36	>ZBTB16-M6 SLSSMQKHIK	69	33
>ZBTB16-M6 SLSSMQKHM	23	>ZBTB16-M6 SLSSMQKHIK	38	15
>ZBTB16-M6 SLSSMQKHM	392	>ZBTB16-M6 SLSSMQKHIK	912	520
>ZBTB16-M6 SLSSMQKHM	241	>ZBTB16-M6 SLSSMQKHIK	326	85
>ZBTB16-M6 PSLSSMQKHI	376	>ZBTB16-M6 PSLSSMQKHI	7301	6925
>ZMYM2-C4!CQSCVSEYKC	3717	>ZMYM2-C4!FQSCVSEYKQ	139	3578
>ZMYM2-C4!CQSCVSEYKC	851	>ZMYM2-C4!FQSCVSEYKQ	21	830
>ZMYM2-C4!CQSCVSEYKC	299	>ZMYM2-C4!FQSCVSEYKQ	9	290
>ZMYM2-C4!CQSCVSEY	9581	>ZMYM2-C4!FQSCVSEY	367	9214
>ZMYM2-C4!CQSCVSEYKC	465	>ZMYM2-C4!FQSCVSEYKQ	12	453
>ZMYM2-C4!CQSCVSEYKC	1475	>ZMYM2-C4!FQSCVSEYKQ	33	1442
>ZMYM2-C4!CQSCVSEYKC	2633	>ZMYM2-C4!FQSCVSEYKQ	151	2482
>ZMYM2-C4!CQSCVSEYKC	6204	>ZMYM2-C4!FQSCVSEYKQ	195	6009
>ZMYM2-C4!CQSCVSEYKC	4906	>ZMYM2-C4!FQSCVSEYKQ	498	4408
>ZMYM2-C4!CQSCVSEYK	68	>ZMYM2-C4!FQSCVSEYK	100	32
>ZMYM2-C4!CQSCVSEY	2016	>ZMYM2-C4!FQSCVSEY	300	1716
>ZMYM2-C4!CQSCVSEY	280	>ZMYM2-C4!FQSCVSEY	668	388
>ZMYM2-C4!CQSCVSEYK	516	>ZMYM2-C4!FQSCVSEYK	105	411
>ZMYM2-C4!CQSCVSEY	73	>ZMYM2-C4!FQSCVSEY	40	33
>ZMYM2-C4!CQSCVSEY	1929	>ZMYM2-C4!FQSCVSEY	110	1819
>ZMYM2-C4!CQSCVSEY	16	>ZMYM2-C4!FQSCVSEY	4	12
>ZMYM2-C4!CQSCVSEYKC	378	>ZMYM2-C4!FQSCVSEYKQ	46	332
>ZMYM2-C4!CQSCVSEY	679	>ZMYM2-C4!FQSCVSEY	97	582
>ZMYM2-C4!CCQSCVSEYK	1894	>ZMYM2-C4!CFQSCVSEYK	333	1561
>ZMYM2-C4!CCQSCVSEYK	3313	>ZMYM2-C4!CFQSCVSEYK	263	3050
>ZMYM2-C4!CCQSCVSEY	3148	>ZMYM2-C4!CFQSCVSEY	144	3004
>ZMYM2-C4!CCQSCVSEY	110	>ZMYM2-C4!CFQSCVSEY	54	56
>ZMYM2-C4!CCQSCVSEYK	1816	>ZMYM2-C4!CFQSCVSEYK	142	1674
>ZMYM2-C4!CCQSCVSEYK	5963	>ZMYM2-C4!CFQSCVSEYK	286	5677
>ZMYM2-C4!CCQSCVSEYK	3113	>ZMYM2-C4!CFQSCVSEYK	71	3042
>ZMYM2-C4!CCQSCVSEY	49	>ZMYM2-C4!CFQSCVSEY	312	263
>ZMYM2-C4!CCQSCVSEY	760	>ZMYM2-C4!CFQSCVSEY	127	633
>ZMYM2-C4!CCQSCVSEYK	8118	>ZMYM2-C4!CFQSCVSEYK	340	7778
>ZMYM2-C4!CCQSCVSEYK	2727	>ZMYM2-C4!CFQSCVSEYK	486	2241
>ZMYM2-C4!FCCQSCVSEY	1214	>ZMYM2-C4!FCFQSCVSEY	320	894
>ZMYM2-C4!FCCQSCVSEY	1726	>ZMYM2-C4!FCFQSCVSEY	220	1506
>ZMYM2-C4!FCCQSCVSEY	1465	>ZMYM2-C4!FCFQSCVSEY	137	1328
>ZMYM2-C4!FCCQSCVSEY	864	>ZMYM2-C4!FCFQSCVSEY	66	798
>ZMYM2-C4!FCCQSCVSEY	3320	>ZMYM2-C4!FCFQSCVSEY	496	2824
>ZMYM2-C4!FCCQSCVSEY	182	>ZMYM2-C4!FCFQSCVSEY	13	169



>ZMYM2-C4:FCCQSCVSEY	1928	>ZMYM2-C4:FCFQSCVSEY	368	1560
>ZMYM2-C4:FCCQSCVSEY	5081	>ZMYM2-C4:FCFQSCVSEY	180	4901
>ZMYM2-C4:RFCCQSCVSE	200	>ZMYM2-C4:RFCFQSCVSE	98	102
>ZMYM2-C4:RFCCQSCVSE	687	>ZMYM2-C4:RFCFQSCVSE	156	531
>ZMYM2-C4:RFCCQSCVSE	158	>ZMYM2-C4:RFCFQSCVSE	90	68
>ZMYM2-C4:RFCCQSCVSE	175	>ZMYM2-C4:RFCFQSCVSE	224	49
>ZMYM2-C4:RFCCQSCVSE	383	>ZMYM2-C4:RFCFQSCVSE	360	23
>ZMYM2-C4:KRFCQSC	268	>ZMYM2-C4:KRFCFQSC	121	147
>ZMYM2-C4:KRFCQSCV	22	>ZMYM2-C4:KRFCFQSCV	12	10
>ZMYM2-C4:KRFCQSCVS	237	>ZMYM2-C4:KRFCFQSCVS	205	32
>ZMYM2-C4:KRFCQSCVS	383	>ZMYM2-C4:KRFCFQSCVS	281	102
>ZMYM2-C4:KRFCQSC	2134	>ZMYM2-C4:KRFCFQSC	425	1709
>ZMYM2-C4:KRFCQSCV	104	>ZMYM2-C4:KRFCFQSCV	26	78
>ZMYM2-C4:KRFCQSC	203	>ZMYM2-C4:KRFCFQSC	57	146
>ZMYM2-C4:KRFCQSCV	139	>ZMYM2-C4:KRFCFQSCV	59	80
>ZMYM2-C4:KRFCQSCVS	373	>ZMYM2-C4:KRFCFQSCVS	783	410
>ZMYM2-C4:KRFCQSCV	362	>ZMYM2-C4:KRFCFQSCV	216	146
>ZMYM2-C4:QKRFCQSC	1015	>ZMYM2-C4:QKRFCFQSC	326	689
>ZMYM2-C4:QKRFCQSCV	55	>ZMYM2-C4:QKRFCFQSCV	25	30
>ZMYM2-C4:QKRFCQSCV	87	>ZMYM2-C4:QKRFCFQSCV	70	17
>ZMYM2-C4:GQQKRFC	13077	>ZMYM2-C4:GQQKRFCF	118	12959
>ZMYM2-C4:GQQKRFC	14290	>ZMYM2-C4:GQQKRFCF	53	14237
>ZMYM2-G3:TAMATSLTN\	22728	>ZMYM2-G3:TAMATSLTN\	133	22595
>ZMYM2-G3:TAMATSLTN\	21907	>ZMYM2-G3:TAMATSLTN\	119	21788
>ZMYM2-G3:TAMATSLTN\	20701	>ZMYM2-G3:TAMATSLTN\	10	20691
>ZMYM2-G3:TAMATSLTN\	36422	>ZMYM2-G3:TAMATSLTN\	426	35996
>ZMYM2-G3:NVGNSFSGP/	11642	>ZMYM2-G3:NVRNSFSGP/	55	11587
>ZMYM2-G3:LTNVGNSF	65	>ZMYM2-G3:LTNVRNSF	124	59
>ZMYM2-G3:LTNVGNSF	71	>ZMYM2-G3:LTNVRNSF	105	34
>ZMYM2-G3:LTNVGNSF	8	>ZMYM2-G3:LTNVRNSF	16	8
>ZMYM2-G3:LTNVGNSF	93	>ZMYM2-G3:LTNVRNSF	176	83
>ZMYM2-G3:LTNVGNSF	42	>ZMYM2-G3:LTNVRNSF	110	68
>ZMYM2-G3:LTNVGNSFS	233	>ZMYM2-G3:LTNVRNSFS	556	323
>ZMYM2-G3:SLTNVGNSF	308	>ZMYM2-G3:SLTNVRNSF	162	146
>ZMYM2-G3:SLTNVGNSF	188	>ZMYM2-G3:SLTNVRNSF	598	410
>ZMYM2-G3:SLTNVGNSF	63	>ZMYM2-G3:SLTNVRNSF	467	404
>ZMYM2-G3:SLTNVGNSF	60	>ZMYM2-G3:SLTNVRNSF	137	77
>ZMYM2-G3:SLTNVGNSF	91	>ZMYM2-G3:SLTNVRNSF	172	81
>ZMYM2-G3:TSLTNVGNSF	315	>ZMYM2-G3:TSLTNVRNSF	435	120
>ZMYM2-G3:TSLTNVGNSF	831	>ZMYM2-G3:TSLTNVRNSF	359	472
>ZMYM2-G3:TSLTNVGNSF	42	>ZMYM2-G3:TSLTNVRNSF	33	9
>ZMYM2-G3:TSLTNVGNSF	26	>ZMYM2-G3:TSLTNVRNSF	51	25
>ZMYM2-G3:TSLTNVGNSF	144	>ZMYM2-G3:TSLTNVRNSF	176	32

>ZMYM2-G3:ATSLTNVG	22561	>ZMYM2-G3:ATSLTNVR	178	22383
>ZMYM2-G3:ATSLTNVG	20878	>ZMYM2-G3:ATSLTNVR	101	20777
>ZMYM2-G3:ATSLTNVGN5	100	>ZMYM2-G3:ATSLTNVRNS	84	16
>ZMYM2-G3:ATSLTNVG	33698	>ZMYM2-G3:ATSLTNVR	38	33660
>ZMYM2-G3:ATSLTNVGN5	222	>ZMYM2-G3:ATSLTNVRNS	407	185
>ZMYM2-G3:ATSLTNVGN5	73	>ZMYM2-G3:ATSLTNVRNS	120	47
>ZMYM2-G3:ATSLTNVGN5	10	>ZMYM2-G3:ATSLTNVRNS	18	8
>ZMYM2-G3:ATSLTNVGN5	384	>ZMYM2-G3:ATSLTNVRNS	510	126
>ZMYM2-G3:ATSLTNVGN5	31	>ZMYM2-G3:ATSLTNVRNS	31	0
>ZMYM2-G3:ATSLTNVG	15934	>ZMYM2-G3:ATSLTNVR	393	15541
>ZMYM2-G3:MATSLTNVG	19655	>ZMYM2-G3:MATSLTNVR	32	19623
>ZMYM2-G3:MATSLTNVG	35603	>ZMYM2-G3:MATSLTNVR	351	35252
>ZMYM2-G3:MATSLTNVG	12588	>ZMYM2-G3:MATSLTNVR	4	12584
>ZMYM2-G3:MATSLTNVG	35719	>ZMYM2-G3:MATSLTNVR	484	35235
>ZMYM2-G3:AMATSLTNVI	31771	>ZMYM2-G3:AMATSLTNVI	206	31565
>ZMYM2-G3:AMATSLTNVI	35805	>ZMYM2-G3:AMATSLTNVI	218	35587
>ZMYM2-G3:AMATSLTNVI	2787	>ZMYM2-G3:AMATSLTNVI	245	2542
>ZMYM2-R4!RYRMANGL	337	>ZMYM2-R4!TYRMANGL	121	216
>ZMYM2-R4!RYRMANGLI	80	>ZMYM2-R4!TYRMANGLI	36	44
>ZMYM2-R4!RYRMANGLI	229	>ZMYM2-R4!TYRMANGLI	444	215
>ZMYM2-R4!RYRMANGL	26	>ZMYM2-R4!TYRMANGL	168	142
>ZMYM2-R4!RYRMANGLI	31	>ZMYM2-R4!TYRMANGLI	254	223
>ZMYM2-R4!RYRMANGLI	435	>ZMYM2-R4!TYRMANGLI	2907	2472
>ZMYM2-R4!RYRMANGL	7	>ZMYM2-R4!TYRMANGL	186	179
>ZMYM2-R4!RYRMANGLI	4	>ZMYM2-R4!TYRMANGLI	15	11
>ZMYM2-R4!RYRMANGLI	4	>ZMYM2-R4!TYRMANGLI	41	37
>ZMYM2-R4!RYRMANGLI	18	>ZMYM2-R4!TYRMANGLI	897	879
>ZMYM2-R4!RYRMANGL	373	>ZMYM2-R4!TYRMANGL	1160	787
>ZMYM2-R4!RYRMANGLI	457	>ZMYM2-R4!TYRMANGLI	1527	1070
>ZMYM2-R4!NRYRMANGL	2514	>ZMYM2-R4!NTYRMANGL	305	2209
>ZMYM2-R4!NRYRMANGL	22	>ZMYM2-R4!NTYRMANGL	37	15
>ZMYM2-R4!NRYRMANGL	8808	>ZMYM2-R4!NTYRMANGL	196	8612
>ZMYM2-R4!NRYRMANGL	9248	>ZMYM2-R4!NTYRMANGL	300	8948
>ZMYM2-R4!NRYRMANGL	15133	>ZMYM2-R4!NTYRMANGL	39	15094
>ZMYM2-R4!NRYRMANGL	6784	>ZMYM2-R4!NTYRMANGL	26	6758
>ZMYM2-R4!NRYRMANGL	16502	>ZMYM2-R4!NTYRMANGL	42	16460
>ZMYM2-R4!NRYRMANGL	17026	>ZMYM2-R4!NTYRMANGL	74	16952
>ZMYM2-R4!NRYRMANGL	243	>ZMYM2-R4!NTYRMANGL	1635	1392
>ZMYM2-R4!NRYRMANGL	26391	>ZMYM2-R4!NTYRMANGL	242	26149
>ZMYM2-R4!NRYRMANGL	25436	>ZMYM2-R4!NTYRMANGL	95	25341
>ZMYM2-R4!NRYRMANGL	153	>ZMYM2-R4!NTYRMANGL	22816	22663
>ZMYM2-R4!NRYRMANGL	239	>ZMYM2-R4!NTYRMANGL	28921	28682
>ZMYM2-R4!NRYRMANGL	100	>ZMYM2-R4!NTYRMANGL	19792	19692

>ZMYM2-R4!NRYRMANGL	99	>ZMYM2-R4!NTYRMANGL	5788	5689
>ZMYM2-R4!NRYRMANGL	126	>ZMYM2-R4!NTYRMANGL	7485	7359
>ZMYM2-R4!NRYRMANG	349	>ZMYM2-R4!NTYRMANG	17432	17083
>ZMYM2-R4!NRYRMANGL	20478	>ZMYM2-R4!NTYRMANGL	495	19983
>ZMYM2-R4!NRYRMANGL	21542	>ZMYM2-R4!NTYRMANGL	202	21340
>ZMYM2-R4!NRYRMANGL	6140	>ZMYM2-R4!NTYRMANGL	36	6104
>ZMYM2-R4!NRYRMANGL	97	>ZMYM2-R4!NTYRMANGL	7201	7104
>ZMYM2-R4!NRYRMANGL	198	>ZMYM2-R4!NTYRMANGL	14452	14254
>ZMYM2-R4!NRYRMANGL	9	>ZMYM2-R4!NTYRMANGL	2790	2781
>ZMYM2-R4!NRYRMANGL	417	>ZMYM2-R4!NTYRMANGL	26819	26402
>ZMYM2-R4!NRYRMANGL	66	>ZMYM2-R4!NTYRMANGL	13051	12985
>ZMYM2-R4!HKLCSDHCFN	462	>ZMYM2-R4!HKLCSDHCFN	2537	2075
>ZMYM2-R4!HKLCSDHCFN	69	>ZMYM2-R4!HKLCSDHCFN	25951	25882
>ZMYM2-R4!FNRYRMANG	454	>ZMYM2-R4!FNTYRMANG	203	251
>ZMYM2-R4!FNRYRMANG	733	>ZMYM2-R4!FNTYRMANG	477	256
>ZMYM2-R4!CFNRYRMAN	334	>ZMYM2-R4!CFNTYRMAN	687	353
>ZMYM2-R4!DHCFNRYR	512	>ZMYM2-R4!DHCFNTRYR	382	130
>ZMYM2-R4!DHCFNRYR	268	>ZMYM2-R4!DHCFNTRYR	86	182
>ZMYM2-R4!DHCFNRYR	522	>ZMYM2-R4!DHCFNTRYR	233	289
>ZMYM2-R4!SDHCFNRYR	997	>ZMYM2-R4!SDHCFNTRYR	215	782
>ZMYM2-R4!SDHCFNRYR	91	>ZMYM2-R4!SDHCFNTRYR	60	31
>ZMYM2-R4!CSDHCFNRY	9	>ZMYM2-R4!CSDHCFNTY	10	1
>ZMYM2-R4!CSDHCFNRY	40	>ZMYM2-R4!CSDHCFNTY	36	4
>ZMYM2-R4!CSDHCFNR	221	>ZMYM2-R4!CSDHCFNT	20807	20586
>ZMYM2-R4!CSDHCFNRYF	24	>ZMYM2-R4!CSDHCFNTYF	29	5
>ZMYM2-R4!CSDHCFNRYF	428	>ZMYM2-R4!CSDHCFNTYF	261	167
>ZMYM2-R4!CSDHCFNRYF	380	>ZMYM2-R4!CSDHCFNTYF	55	325
>ZMYM2-R4!CSDHCFNRY	2523	>ZMYM2-R4!CSDHCFNTY	297	2226
>ZMYM2-R4!CSDHCFNRY	146	>ZMYM2-R4!CSDHCFNTY	81	65
>ZMYM2-R4!CSDHCFNRY	54	>ZMYM2-R4!CSDHCFNTY	74	20
>ZMYM2-R4!CSDHCFNR	332	>ZMYM2-R4!CSDHCFNT	8434	8102
>ZMYM2-R4!CSDHCFNRYF	118	>ZMYM2-R4!CSDHCFNTYF	79	39
>ZMYM2-R4!LCSDHCFNRY	166	>ZMYM2-R4!LCSDHCFNTY	251	85
>ZMYM2-R4!LCSDHCFNR	196	>ZMYM2-R4!LCSDHCFNT	22125	21929
>ZMYM2-R4!LCSDHCFNRY	302	>ZMYM2-R4!LCSDHCFNTY	118	184
>ZMYM2-R4!LCSDHCFNR	498	>ZMYM2-R4!LCSDHCFNT	31657	31159
>ZMYM2-R4!LCSDHCFNRY	693	>ZMYM2-R4!LCSDHCFNTY	335	358
>ZMYM2-R4!LCSDHCFNRY	1254	>ZMYM2-R4!LCSDHCFNTY	499	755
>ZMYM2-R4!LCSDHCFNRY	3937	>ZMYM2-R4!LCSDHCFNTY	479	3458
>ZMYM2-R4!LCSDHCFNR	222	>ZMYM2-R4!LCSDHCFNT	32524	32302
>ZMYM2-R4!LCSDHCFNRY	75	>ZMYM2-R4!LCSDHCFNTY	54	21
>ZMYM2-R4!KLCSDHCFNR	5053	>ZMYM2-R4!KLCSDHCFNT	386	4667
>ZMYM2-R4!KLCSDHCFNR	11019	>ZMYM2-R4!KLCSDHCFNT	341	10678

>ZMYM2-R4! KLCSDFCFNR	9838	>ZMYM2-R4! KLCSDFCFNT	236	9602
>ZMYM2-R4! KLCSDFCFNR	457	>ZMYM2-R4! KLCSDFCFNT	580	123
>ZMYM2-R4! KLCSDFCFNR	212	>ZMYM2-R4! KLCSDFCFNT	218	6
>ZMYM2-R4! KLCSDFCFNR	20	>ZMYM2-R4! KLCSDFCFNT	17	3
>ZMYM2-R4! KLCSDFCFNR	20	>ZMYM2-R4! KLCSDFCFNT	11682	11662
>ZMYM2-R4! KLCSDFCFNR	44	>ZMYM2-R4! KLCSDFCFNT	65	21
>ZMYM2-R4! KLCSDFCFNR	122	>ZMYM2-R4! KLCSDFCFNT	68	54
>ZMYM2-R4! KLCSDFCFNR	291	>ZMYM2-R4! KLCSDFCFNT	79	212
>ZMYM2-R4! KLCSDFCFNR	457	>ZMYM2-R4! KLCSDFCFNT	297	160
>ZMYM2-R4! KLCSDFCFNR	64	>ZMYM2-R4! KLCSDFCFNT	13180	13116
>ZMYM2-R4! KLCSDFCFNR	26	>ZMYM2-R4! KLCSDFCFNT	18013	17987
>ZMYM2-T9€ TTNINSVII	775	>ZMYM2-T9€ ATNINSVII	161	614
>ZMYM2-T9€ TTNINSVII	1916	>ZMYM2-T9€ ATNINSVII	234	1682
>ZMYM2-T9€ TTNINSVI	760	>ZMYM2-T9€ ATNINSVI	202	558
>ZMYM2-T9€ TTNINSVII	195	>ZMYM2-T9€ ATNINSVII	51	144
>ZMYM2-T9€ TTNINSVI	51	>ZMYM2-T9€ ATNINSVI	1558	1507
>ZMYM2-T9€ TTNINSVII	107	>ZMYM2-T9€ ATNINSVII	3637	3530
>ZMYM2-T9€ TTNINSVI	311	>ZMYM2-T9€ ATNINSVI	71	240
>ZMYM2-T9€ TTNINSVII	459	>ZMYM2-T9€ ATNINSVII	87	372
>ZMYM2-T9€ TTNINSVI	64	>ZMYM2-T9€ ATNINSVI	44	20
>ZMYM2-T9€ TTNINSVII	135	>ZMYM2-T9€ ATNINSVII	78	57
>ZMYM2-T9€ ETTNINSV	224	>ZMYM2-T9€ EATNINSV	6913	6689
>ZMYM2-T9€ ETTNINSVII	324	>ZMYM2-T9€ EATNINSVII	6684	6360
>ZMYM2-T9€ ETTNINSVIIIE	339	>ZMYM2-T9€ EATNINSVIIIE	1854	1515
>ZMYM2-T9€ ETTNINSV	5	>ZMYM2-T9€ EATNINSV	8	3
>ZMYM2-T9€ ETTNINSVI	7	>ZMYM2-T9€ EATNINSVI	25	18
>ZMYM2-T9€ ETTNINSVII	58	>ZMYM2-T9€ EATNINSVII	383	325
>ZMYM2-T9€ ETTNINSV	11	>ZMYM2-T9€ EATNINSV	42	31
>ZMYM2-T9€ ETTNINSVI	252	>ZMYM2-T9€ EATNINSVI	1755	1503
>ZMYM2-T9€ ETTNINSVII	219	>ZMYM2-T9€ EATNINSVII	1355	1136
>ZMYM2-T9€ ETTNINSVI	17	>ZMYM2-T9€ EATNINSVI	397	380
>ZMYM2-T9€ ETTNINSVI	131	>ZMYM2-T9€ EATNINSVI	589	458
>ZMYM2-T9€ ETTNINSVII	413	>ZMYM2-T9€ EATNINSVII	3173	2760
>ZMYM2-T9€ MMSSEDEGKT	890	>ZMYM2-T9€ MMSSEDEGKT	149	741
>ZMYM2-T9€ MMSSEDEGKT	221	>ZMYM2-T9€ MMSSEDEGKT	31	190
>ZMYM2-T9€ MMSSEDEGKT	102	>ZMYM2-T9€ MMSSEDEGKT	12	90
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>ZMYM2-T9€ MMSSEDEGKT	128	>ZMYM2-T9€ MMSSEDEGKT	22	106
>ZMYM2-T9€ MMSSEDEGKT	2504	>ZMYM2-T9€ MMSSEDEGKT	153	2351
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>ZMYM2-T9€ MMSSEDEGKT	2282	>ZMYM2-T9€ MMSSEDEGKT	332	1950
>ZMYM2-T9€ MMSSEDEGKT	28	>ZMYM2-T9€ MMSSEDEGKT	6	22
>ZMYM2-T9€ TETTININSV	29	>ZMYM2-T9€ TEATNINSV	17	12

>ZMYM2-T9€TETTNINSVI	15	>ZMYM2-T9€TEATNINSVI	11	4
>ZMYM2-T9€TETTNINSVII	13	>ZMYM2-T9€TEATNINSVII	9	4
>ZMYM2-T9€TETTNINSV	2991	>ZMYM2-T9€TEATNINSV	403	2588
>ZMYM2-T9€TETTNINSVII	119	>ZMYM2-T9€TEATNINSVII	134	15
>ZMYM2-T9€TETTNINSV	323	>ZMYM2-T9€TEATNINSV	620	297
>ZMYM2-T9€TETTNINSV	629	>ZMYM2-T9€TEATNINSV	256	373
>ZMYM2-T9€TETTNINSV	36	>ZMYM2-T9€TEATNINSV	20	16
>ZMYM2-T9€TETTNINSVI	40	>ZMYM2-T9€TEATNINSVI	14	26
>ZMYM2-T9€TETTNINSVII	13	>ZMYM2-T9€TEATNINSVII	9	4
>ZMYM2-T9€KTETTNINSV	435	>ZMYM2-T9€KTEATNINSV	275	160
>ZMYM2-T9€KTETTNINSV	438	>ZMYM2-T9€KTEATNINSV	476	38
>ZMYM2-T9€KTETTNINSV	222	>ZMYM2-T9€KTEATNINSV	150	72
>ZMYM2-T9€KTETTNINSVI	314	>ZMYM2-T9€KTEATNINSVI	223	91
>ZMYM2-T9€KTETTNINSV	446	>ZMYM2-T9€KTEATNINSV	391	55
>ZMYM2-T9€KTETTNINSVI	77	>ZMYM2-T9€KTEATNINSVI	55	22
>ZMYM2-T9€KTETTNINSVI	151	>ZMYM2-T9€KTEATNINSVI	72	79
>ZMYM2-T9€KTETTNINSVI	30	>ZMYM2-T9€KTEATNINSVI	37	7
>ZMYM2-T9€KTETTNINSVI	32	>ZMYM2-T9€KTEATNINSVI	33	1
>ZMYM2-T9€DEGKTETTNI	104	>ZMYM2-T9€DEGKTEATNI	113	9
>ZMYM2-T9€DEGKTETTNI	274	>ZMYM2-T9€DEGKTEATNI	299	25
>ZMYM2-T9€EDEGKTETTNI	171	>ZMYM2-T9€EDEGKTEATNI	151	20
>ZMYM2-T9€SEDEGKTET	1241	>ZMYM2-T9€SEDEGKTEA	136	1105
>ZMYM2-V1(VFGEEYEEQP	1247	>ZMYM2-V1(IFGEEYEEQPF	423	824
>ZMYM2-V1(VFGEEYEEQP	180	>ZMYM2-V1(IFGEEYEEQPF	63	117
>ZMYM2-V1(DMENEFLLPF	204	>ZMYM2-V1(DMENEFLLPF	2742	2538
>ZMYM2-V1(DMENEFLLPF	229	>ZMYM2-V1(DMENEFLLPF	1938	1709
>ZMYM2-V1(DMENEFLLPF	204	>ZMYM2-V1(DMENEFLLPF	4583	4379
>ZMYM2-V1(DMENEFLLPF	42	>ZMYM2-V1(DMENEFLLPF	3008	2966
>ZMYM2-V1(DMENEFLLPF	209	>ZMYM2-V1(DMENEFLLPF	1034	825
>ZMYM2-V1(PPVFGEEY	122	>ZMYM2-V1(PPIFGEEY	135	13
>ZMYM2-V1(PPVFGEEY	216	>ZMYM2-V1(PPIFGEEY	195	21
>ZMYM2-V1(LPPVFGEEY	64	>ZMYM2-V1(LPPIFGEEY	55	9
>ZMYM2-V1(LPPVFGEEY	194	>ZMYM2-V1(LPPIFGEEY	160	34
>ZMYM2-V1(LPPVFGEEY	360	>ZMYM2-V1(LPPIFGEEY	674	314
>ZMYM2-V1(LLPPVFGEEY	175	>ZMYM2-V1(LLPPIFGEEY	275	100
>ZMYM2-V1(LLPPVFGEEY	870	>ZMYM2-V1(LLPPIFGEEY	461	409
>ZMYM2-V1(LLPPVFGEEY	115	>ZMYM2-V1(LLPPIFGEEY	149	34
>ZMYM2-V1(LLPPVFGEEY	458	>ZMYM2-V1(LLPPIFGEEY	605	147
>ZMYM2-V1(FLLPPVFG	208	>ZMYM2-V1(FLLPPIFG	292	84
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>ZMYM2-V1(FLLPPVFG	157	>ZMYM2-V1(FLLPPIFG	86	71
>ZMYM2-V1(FLLPPVFGEEY	369	>ZMYM2-V1(FLLPPIFGEEY	275	94
>ZMYM2-V1(FLLPPVFG	15	>ZMYM2-V1(FLLPPIFG	12	3

>ZMYM2-V1(FLLPPVFG	16	>ZMYM2-V1(FLLPPIFGE	13	3
>ZMYM2-V1(FLLPPVFGEE	128	>ZMYM2-V1(FLLPPIFGEE	159	31
>ZMYM2-V1(FLLPPVFGEE)	20	>ZMYM2-V1(FLLPPIFGEEY	16	4
>ZMYM2-V1(FLLPPVFG	374	>ZMYM2-V1(FLLPPIFGE	314	60
>ZMYM2-V1(FLLPPVFG	140	>ZMYM2-V1(FLLPPIFG	138	2
>ZMYM2-V1(FLLPPVFG	289	>ZMYM2-V1(FLLPPIFGE	281	8
>ZMYM2-V1(FLLPPVFGEE)	433	>ZMYM2-V1(FLLPPIFGEEY	409	24
>ZMYM2-V1(FLLPPVFG	128	>ZMYM2-V1(FLLPPIFG	125	3
>ZMYM2-V1(FLLPPVFG	37	>ZMYM2-V1(FLLPPIFGE	19	18
>ZMYM2-V1(FLLPPVFGEE	287	>ZMYM2-V1(FLLPPIFGEE	180	107
>ZMYM2-V1(FLLPPVFGEE)	43	>ZMYM2-V1(FLLPPIFGEEY	34	9
>ZMYM2-V1(FLLPPVFGEE)	11	>ZMYM2-V1(FLLPPIFGEEY	11	0
>ZMYM2-V1(FLLPPVFGEE)	134	>ZMYM2-V1(FLLPPIFGEEY	163	29
>ZMYM2-V1(FLLPPVFGEE)	99	>ZMYM2-V1(FLLPPIFGEEY	122	23
>ZMYM2-V1(FLLPPVFGEE)	21	>ZMYM2-V1(FLLPPIFGEEY	22	1
>ZMYM2-V1(FLLPPVFGEE)	26	>ZMYM2-V1(FLLPPIFGEEY	35	9
>ZMYM2-V1(FLLPPVFGEE)	128	>ZMYM2-V1(FLLPPIFGEEY	131	3
>ZMYM2-V1(FLLPPVFGEE)	332	>ZMYM2-V1(FLLPPIFGEEY	385	53
>ZMYM2-V1(EFLLPPVF	166	>ZMYM2-V1(EFLLPPIF	371	205
>ZMYM2-V1(NEFLLPPV	433	>ZMYM2-V1(NEFLLPPI	119	314
>ZMYM2-V1(NEFLLPPVF	351	>ZMYM2-V1(NEFLLPPIF	303	48
>ZMYM2-V1(NEFLLPPVF	285	>ZMYM2-V1(NEFLLPPIF	274	11
>ZMYM2-V1(NEFLLPPV	19	>ZMYM2-V1(NEFLLPPI	27	8
>ZMYM2-V1(NEFLLPPVF	6	>ZMYM2-V1(NEFLLPPIF	6	0
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>ZMYM2-V1(NEFLLPPV	539	>ZMYM2-V1(NEFLLPPI	248	291
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>ZMYM2-V1(NEFLLPPVF	68	>ZMYM2-V1(NEFLLPPIF	91	23
>ZMYM2-V1(NEFLLPPVF	288	>ZMYM2-V1(NEFLLPPIF	283	5
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>ZMYM2-V1(NEFLLPPVF	47	>ZMYM2-V1(NEFLLPPIF	31	16
>ZMYM2-V1(NEFLLPPVFG	194	>ZMYM2-V1(NEFLLPPIFG	303	109
>ZMYM2-V1(NEFLLPPV	162	>ZMYM2-V1(NEFLLPPI	727	565
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>ZMYM2-V1(NEFLLPPV	79	>ZMYM2-V1(NEFLLPPI	14	65
>ZMYM2-V1(NEFLLPPVF	67	>ZMYM2-V1(NEFLLPPIF	36	31
>ZMYM2-V1(MENEFLPPV	24	>ZMYM2-V1(MENEFLPPI	7	17
>ZMYM2-V1(MENEFLPPV	551	>ZMYM2-V1(MENEFLPPII	491	60
>ZMYM2-V1(MENEFLPPV	141	>ZMYM2-V1(MENEFLPPI	511	370
>ZMYM2-V1(MENEFLPPV	120	>ZMYM2-V1(MENEFLPPI	1364	1244
>ZMYM2-V1(MENEFLPPV	156	>ZMYM2-V1(MENEFLPPI	1102	946
>ZMYM2-V1(MENEFLPPV	356	>ZMYM2-V1(MENEFLPPII	1525	1169
>ZMYM2-V1(MENEFLPPV	36	>ZMYM2-V1(MENEFLPPII	38	2

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>ZMYM2-V1(MENEFLPPV	172	>ZMYM2-V1(MENEFLPPI	133	39
>ZMYM2-V1(MENEFLPPV	155	>ZMYM2-V1(MENEFLPPI	119	36
>ZMYM2-V1(MENEFLPPV	44	>ZMYM2-V1(MENEFLPPI	57	13
>ZMYM2-V1(MENEFLPPV	437	>ZMYM2-V1(MENEFLPPI	178	259
>ZMYM2-V1(MENEFLPPV	287	>ZMYM2-V1(MENEFLPPI	283	4
>ZMYM2-V1(MENEFLPPV	530	>ZMYM2-V1(MENEFLPPI	288	242
>ZMYM2-V1(MENEFLPPV	32	>ZMYM2-V1(MENEFLPPI	22	10
>ZMYM2-V1(MENEFLPPV	98	>ZMYM2-V1(MENEFLPPI	156	58
>ZMYM2-V1(MENEFLPPV	172	>ZMYM2-V1(MENEFLPPI	338	166
>ZMYM2-V1(MENEFLPPV	103	>ZMYM2-V1(MENEFLPPI	15	88
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>ZNF331-G1{HTGEKPYECK	653	>ZNF331-G1{HTWEKPYECI	319	334
>ZNF331-G1{IHTGEKPY	491	>ZNF331-G1{IHTWEKPY	391	100
>ZNF331-G1{KIHTGEKPY	308	>ZNF331-G1{KIHTWEKPY	490	182
>ZNF331-G1{KIHTGEKPY	241	>ZNF331-G1{KIHTWEKPY	147	94
>ZNF331-G1{KIHTGEKPY	530	>ZNF331-G1{KIHTWEKPY	459	71
>ZNF331-G1{KIHTGEKPY	455	>ZNF331-G1{KIHTWEKPY	339	116
>ZNF331-G1{KIHTGEKPY	369	>ZNF331-G1{KIHTWEKPY	801	432
>ZNF331-G1{QKIHTGEK	622	>ZNF331-G1{QKIHTWEK	356	266
>ZNF331-G1{QKIHTGEKPY	5	>ZNF331-G1{QKIHTWEKPY	6	1
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>ZNF331-G1{HQKIHTGEK	242	>ZNF331-G1{HQKIHTWEK	36	206
>ZNF331-G1{HQKIHTGEKP	48	>ZNF331-G1{HQKIHTWEKI	53	5
>ZNF331-G1{HQKIHTGEKP	85	>ZNF331-G1{HQKIHTWEKI	193	108
>ZNF331-G1{HQKIHTGEKP	22	>ZNF331-G1{HQKIHTWEKI	12	10
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>ZNF331-G1{TQHQKIHTG	31546	>ZNF331-G1{TQHQKIHTW	214	31332
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>ZNF331-G1{LTQHQKIHTC	20363	>ZNF331-G1{LTQHQKIHTV	40	20323
>ZNF331-G1{LTQHQKIHTC	16892	>ZNF331-G1{LTQHQKIHTV	16	16876
>ZNF331-G1{LTQHQKIHTC	28936	>ZNF331-G1{LTQHQKIHTV	124	28812
>ZNF331-G1{GKAFRWGSS	14652	>ZNF331-G1{EKAFRWGSSI	233	14419
>ZNF331-G1{GKAFRWGSS	290	>ZNF331-G1{EKAFRWGSSI	443	153
>ZNF331-G1{CGKAFRWGS	22501	>ZNF331-G1{CEKAFRWGS!	247	22254
>ZNF331-G1{CGKAFRWGS	22947	>ZNF331-G1{CEKAFRWGS!	354	22593
>ZNF331-G1{CGKAFRWGS	27906	>ZNF331-G1{CEKAFRWGS!	32	27874
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>ZNF331-G1!KDCGKAFR	382	>ZNF331-G1!KDCEKAFR	460	78
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>ZNF331-G1!CKDCGKAF	118	>ZNF331-G1!CKDCEKAF	182	64
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>ZNF331-G1!ECKDCGKAFF	184	>ZNF331-G1!ECKDCEKAFR	115	69
>ZNF331-G1!YECKDCGKAF	363	>ZNF331-G1!YECKDCEKAF	1000	637
>ZNF331-G1!YECKDCGKAF	67	>ZNF331-G1!YECKDCEKAF	59	8
>ZNF331-G1!YECKDCGKAF	363	>ZNF331-G1!YECKDCEKAF	718	355
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>ZNF331-G1!PYECKDCGKA	492	>ZNF331-G1!PYECKDCEKA	423	69
>ZNF331-G1!KPYECKDCGK	159	>ZNF331-G1!KPYECKDCEK	330	171
>ZNF331-G1!KPYECKDCGK	272	>ZNF331-G1!KPYECKDCEK	542	270
>ZNF331-L79LGRNWICEG`	479	>ZNF331-L79FGRNWICEG`	573	94
>ZNF331-L79SLGRNWIC	205	>ZNF331-L79SFGRNWIC	20415	20210
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>ZNF331-L79SLGRNWICEC	225	>ZNF331-L79SFGRNWICEC	29728	29503
>ZNF331-L79KRNSDRRSKS	85	>ZNF331-L79KRNSDRRSKS	7	78
>ZNF331-L79KRNSDRRSKS	175	>ZNF331-L79KRNSDRRSKS	232	57
>ZNF331-L79KRNSDRRSKS	201	>ZNF331-L79KRNSDRRSKS	684	483
>ZNF331-L79KRNSDRRSKS	281	>ZNF331-L79KRNSDRRSKS	974	693
>ZNF331-L79KSLGRNWI	155	>ZNF331-L79KSFGRNWI	76	79
>ZNF331-L79KSLGRNWI	87	>ZNF331-L79KSFGRNWI	22	65
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>ZNF331-L79RSKSLGRNW	39	>ZNF331-L79RSKSFGRNW	30	9
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>ZNF331-L79RSKSLGRNWI	166	>ZNF331-L79RSKSFGRNW	119	47
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>ZNF331-L79 RRSKSLGRNV	804	>ZNF331-L79 RRSKSFGRNV	469	335
>ZNF331-L79 RRSKSLGR	79	>ZNF331-L79 RRSKSFGR	64	15
>ZNF331-L79 RRSKSLGRNV	118	>ZNF331-L79 RRSKSFGRNV	153	35
>ZNF331-L79 RRSKSLGRNV	221	>ZNF331-L79 RRSKSFGRNV	222	1
>ZNF331-L79 RRSKSLGR	346	>ZNF331-L79 RRSKSFGR	624	278
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>ZNF331-L79 RRSKSLGRNV	603	>ZNF331-L79 RRSKSFGRNV	491	112
>ZNF331-L79 RRSKSLGRNV	85	>ZNF331-L79 RRSKSFGRNV	71	14
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>ZNF331-L79 RRSKSLGRNV	30	>ZNF331-L79 RRSKSFGRNV	19	11
>ZNF331-L79 RRSKSLGRNV	396	>ZNF331-L79 RRSKSFGRNV	358	38
>ZNF331-L79 RRSKSLGR	168	>ZNF331-L79 RRSKSFGR	98	70
>ZNF331-L79 SDRRSKSL	4617	>ZNF331-L79 SDRRSKSF	172	4445
>ZNF331-L79 NSDRRSKSL	2744	>ZNF331-L79 NSDRRSKSF	219	2525
>ZNF331-L79 RNSDRRSKSL	2002	>ZNF331-L79 RNSDRRSKSF	58	1944
>ZNF331-L79 RNSDRRSKSL	1191	>ZNF331-L79 RNSDRRSKSF	152	1039
>ZNF331-T7M TFADVAIDF	202	>ZNF331-T7M MFADVAIDF	104	98
>ZNF331-T7M TFADVAIDF	79	>ZNF331-T7M MFADVAIDF	21	58
>ZNF331-T7M TFADVAIDF	212	>ZNF331-T7M MFADVAIDF	56	156
>ZNF331-T7M TFADVAIDF	1711	>ZNF331-T7M MFADVAIDF	123	1588
>ZNF331-T7M VTFADVAI	943	>ZNF331-T7M VMFADVAI	21	922
>ZNF331-T7M VTFADVAI	502	>ZNF331-T7M VMFADVAI	20	482
>ZNF331-T7M VTFADVAIDF	3054	>ZNF331-T7M VMFADVAIDI	112	2942
>ZNF331-T7M VTFADVAI	594	>ZNF331-T7M VMFADVAI	14	580
>ZNF331-T7M VTFADVAIDF	8745	>ZNF331-T7M VMFADVAIDI	354	8391
>ZNF331-T7M VTFADVAI	128	>ZNF331-T7M VMFADVAI	45	83
>ZNF331-T7M VTFADVAI	119	>ZNF331-T7M VMFADVAI	3	116
>ZNF331-T7M VTFADVAIDF	12051	>ZNF331-T7M VMFADVAIDI	212	11839
>ZNF331-T7M VTFADVAIDF	5258	>ZNF331-T7M VMFADVAIDI	43	5215
>ZNF331-T7M VTFADVAI	2038	>ZNF331-T7M VMFADVAI	10	2028
>ZNF331-T7M VTFADVAI	2323	>ZNF331-T7M VMFADVAI	11	2312
>ZNF331-T7M VTFADVAIDF	14113	>ZNF331-T7M VMFADVAIDI	376	13737
>ZNF331-T7M VTFADVAI	10129	>ZNF331-T7M VMFADVAI	48	10081
>ZNF331-T7M VTFADVAI	6240	>ZNF331-T7M VMFADVAI	10	6230
>ZNF331-T7M VTFADVAI	21	>ZNF331-T7M VMFADVAI	33	12
>ZNF331-T7M VTFADVAIDF	46	>ZNF331-T7M VMFADVAIDI	68	22
>ZNF331-T7M VTFADVAI	50	>ZNF331-T7M VMFADVAI	2583	2533
>ZNF331-T7M VTFADVAI	2805	>ZNF331-T7M VMFADVAI	148	2657
>ZNF331-T7M VTFADVAIDF	425	>ZNF331-T7M VMFADVAIDI	58	367
>ZNF331-T7M VTFADVAIDF	5023	>ZNF331-T7M VMFADVAIDI	166	4857
>ZNF331-T7M VTFADVAI	467	>ZNF331-T7M VMFADVAI	21	446
>ZNF331-T7M VTFADVAIDF	36	>ZNF331-T7M VMFADVAIDI	4	32
>ZNF331-T7M VTFADVAI	31	>ZNF331-T7M VMFADVAI	4036	4005

>ZNF331-T7M VTFADVAIDF	7	>ZNF331-T7M VMFADVAIDI	227	220
>ZNF331-T7M VTFADVAIDF	273	>ZNF331-T7M VMFADVAIDI	4136	3863
>ZNF331-T7M VTFADVAIDF	162	>ZNF331-T7M VMFADVAIDI	943	781
>ZNF331-T7M VTFADVAIDF	76	>ZNF331-T7M VMFADVAIDI	4154	4078
>ZNF331-T7M VTFADVAI	25	>ZNF331-T7M VMFADVAI	1240	1215
>ZNF331-T7M LVTFADVAI	1792	>ZNF331-T7M LVMFADVAI	189	1603
>ZNF331-T7M LVTFADVA	2988	>ZNF331-T7M LVMFADVA	317	2671
>ZNF331-T7M LVTFADVAI	381	>ZNF331-T7M LVMFADVAI	57	324
>ZNF331-T7M LVTFADVAI	1055	>ZNF331-T7M LVMFADVAI	87	968
>ZNF331-T7M LVTFADVAID	1843	>ZNF331-T7M LVMFADVAIE	206	1637
>ZNF331-T7M LVTFADVA	810	>ZNF331-T7M LVMFADVA	162	648
>ZNF331-T7M LVTFADVAI	68	>ZNF331-T7M LVMFADVAI	22	46
>ZNF331-T7M LVTFADVAID	3002	>ZNF331-T7M LVMFADVAIE	190	2812
>ZNF331-T7M LVTFADVAID	1815	>ZNF331-T7M LVMFADVAIE	339	1476
>ZNF331-T7M LVTFADVAID	1389	>ZNF331-T7M LVMFADVAIE	365	1024
>ZNF331-T7M LVTFADVAI	517	>ZNF331-T7M LVMFADVAI	269	248
>ZNF331-T7M LVTFADVAID	159	>ZNF331-T7M LVMFADVAIE	84	75
>ZNF331-T7M LVTFADVAI	769	>ZNF331-T7M LVMFADVAI	281	488
>ZNF331-T7M GLVTFADV	210	>ZNF331-T7M GLVMFADV	240	30
>ZNF331-T7M GLVTFADVAI	348	>ZNF331-T7M GLVMFADVA	278	70
>ZNF331-T7M GLVTFADV	50	>ZNF331-T7M GLVMFADV	89	39
>ZNF331-T7M GLVTFADVA	273	>ZNF331-T7M GLVMFADVA	473	200
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>ZNF331-T7M GLVTFADV	16	>ZNF331-T7M GLVMFADV	15	1
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>ZNF331-T7M GLVTFADV	18	>ZNF331-T7M GLVMFADV	15	3
>ZNF331-T7M GLVTFADVAI	337	>ZNF331-T7M GLVMFADVA	268	69
>ZNF331-T7M GLVTFADV	4	>ZNF331-T7M GLVMFADV	4	0
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>ZNF331-T7M GLVTFADVAI	216	>ZNF331-T7M GLVMFADVA	155	61
>ZNF331-T7M GLVTFADVAI	333	>ZNF331-T7M GLVMFADVA	356	23
>ZNF331-T7M AQGLVTFADV	358	>ZNF331-T7M AQGLVMFAD	409	51
>ZNF331-T7M AQGLVTFADVA	154	>ZNF331-T7M AQGLVMFA	186	32
>ZNF331-T7M AQGLVTFADVA	548	>ZNF331-T7M AQGLVMFA	379	169

>ZNF331-T7M MAQGLVTFAD\	214	>ZNF331-T7M MAQGLVMFAD	158	56
>ZNF331-T7M MAQGLVTFA	208	>ZNF331-T7M MAQGLVMF/	506	298
>ZNF331-T7M MAQGLVTFA	339	>ZNF331-T7M MAQGLVMF/	513	174
>ZNF331-T7M MAQGLVTFA	420	>ZNF331-T7M MAQGLVMF/	450	30
>ZNF331-T7M MAQGLVTFA	445	>ZNF331-T7M MAQGLVMF/	699	254
>ZNF331-T7M MAQGLVTFA	268	>ZNF331-T7M MAQGLVMF/	353	85
>ZNF331-T7M MAQGLVTFA	46	>ZNF331-T7M MAQGLVMF/	37	9
>ZNF331-T7M MAQGLVTF	239	>ZNF331-T7M MAQGLVMF	119	120
>ZNF331-T7M MAQGLVTFA	4388	>ZNF331-T7M MAQGLVMF/	414	3974
>ZNF331-T7M MAQGLVTF	173	>ZNF331-T7M MAQGLVMF	1204	1031
>ZNF331-T7M MAQGLVTFA	81	>ZNF331-T7M MAQGLVMF/	31	50
>ZNF331-T7M MAQGLVTFA	89	>ZNF331-T7M MAQGLVMF/	58	31
>ZNF331-T7M MAQGLVTF	159	>ZNF331-T7M MAQGLVMF	309	150
>ZNF331-T7M MAQGLVTF	126	>ZNF331-T7M MAQGLVMF	235	109
>ZNF331-T7M MAQGLVTF	10	>ZNF331-T7M MAQGLVMF	23	13
>ZNF331-T7M MAQGLVTF	24	>ZNF331-T7M MAQGLVMF	61	37
>ZNF331-T7M MAQGLVTF	296	>ZNF331-T7M MAQGLVMF	431	135
>ZNF331-T7M MAQGLVTF	56	>ZNF331-T7M MAQGLVMF	134	78
>ZNF384-A4E AQAQAQAQ/	273	>ZNF384-A4E AQAQAQAQ/	2442	2169
>ZNF384-A4E AQAQAQAQ/	407	>ZNF384-A4E AQAQAQAQ/	3723	3316
>ZNF384-A4E AQAQASQA	459	>ZNF384-A4E AQTQASQA	2666	2207
>ZNF384-A4E AQAQASQA	193	>ZNF384-A4E AQTQASQA	500	307
>ZNF384-A4E AQAQASQA	406	>ZNF384-A4E AQTQASQA	3771	3365
>ZNF384-A4E AQAQASQAS	311	>ZNF384-A4E AQTQASQAS	3369	3058
>ZNF384-A4E AQAQASQAS	183	>ZNF384-A4E AQTQASQAS\	1527	1344
>ZNF384-A4E AQAQAQASC	301	>ZNF384-A4E AQAQTQASC	396	95
>ZNF384-A4E AQAQAQASC	407	>ZNF384-A4E AQAQTQASC	629	222
>ZNF384-A4E AQAQAQAQ/	273	>ZNF384-A4E AQAQAQTQ/	317	44
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>ZNF384-A4E AQAQAQAQ/	371	>ZNF384-A4E AQAQAQTQ/	466	95
>ZNF384-A4E AQAQAQAQ/	273	>ZNF384-A4E AQAQAQAQ\	2442	2169
>ZNF384-A4E AQAQAQAQ/	273	>ZNF384-A4E AQAQAQAQ\	301	28
>ZNF384-A4E AQAQAQAQ/	407	>ZNF384-A4E AQAQAQAQ\	3723	3316
>ZNF384-A4E AQAQAQAQ/	407	>ZNF384-A4E AQAQAQAQ\	538	131
>ZNF384-Q4I PHFQSPGAAI	23080	>ZNF384-Q4I PHFQSPGAAI	286	22794
>ZNF384-Q4I APQGGGGGGI	5618	>ZNF384-Q4I APRGGGGGGI	244	5374
>ZNF384-Q4I QSPGAAPQ	17879	>ZNF384-Q4I QSPGAAPR	254	17625
>ZNF384-Q4I FQSPGAAPQ	46	>ZNF384-Q4I FQSPGAAPR	403	357
>ZNF384-Q4I FQSPGAAPQ	366	>ZNF384-Q4I FQSPGAAPR	935	569
>ZNF384-Q4I FQSPGAAPQ	17401	>ZNF384-Q4I FQSPGAAPR	426	16975
>ZNF384-Q4I FQSPGAAPQ	170	>ZNF384-Q4I FQSPGAAPR	1270	1100
>ZNF384-Q4I FQSPGAAPQ	749	>ZNF384-Q4I FQSPGAAPR	150	599
>ZNF384-Q4I FQSPGAAPQ	413	>ZNF384-Q4I FQSPGAAPR	662	249

>ZNF384-Q4(HFQSPGAAP(	17223	>ZNF384-Q4(HFQSPGAAP(	35	17188
>ZNF384-Q4(HFQSPGAAP(	14947	>ZNF384-Q4(HFQSPGAAP(	118	14829
>ZNF384-Q4(HFQSPGAAP(	27531	>ZNF384-Q4(HFQSPGAAP(	99	27432
>ZNF384-Q4(HFQSPGAAP(	10830	>ZNF384-Q4(HFQSPGAAP(	75	10755
>ZNF384-S2€SYLAQHIRI	17	>ZNF384-S2€FYLAQHIRI	45	28
>ZNF384-S2€SYLAQHIRI	582	>ZNF384-S2€FYLAQHIRI	159	423
>ZNF384-S2€SYLAQHIRI	282	>ZNF384-S2€FYLAQHIRI	365	83
>ZNF384-S2€SYLAQHIR	751	>ZNF384-S2€FYLAQHIR	315	436
>ZNF384-S2€SYLAQHIRI	8	>ZNF384-S2€FYLAQHIRI	6	2
>ZNF384-S2€SYLAQHIRIHS	1382	>ZNF384-S2€FYLAQHIRIHS	448	934
>ZNF384-S2€SYLAQHIRI	70	>ZNF384-S2€FYLAQHIRI	3947	3877
>ZNF384-S2€SYLAQHIR	20	>ZNF384-S2€FYLAQHIR	164	144
>ZNF384-S2€SYLAQHIR	318	>ZNF384-S2€FYLAQHIR	110	208
>ZNF384-S2€SYLAQHIR	20	>ZNF384-S2€FYLAQHIR	22	2
>ZNF384-S2€SSYLAQHI	96	>ZNF384-S2€SFYLAQHI	453	357
>ZNF384-S2€SSYLAQHI	12746	>ZNF384-S2€SFYLAQHI	261	12485
>ZNF384-S2€SSYLAQHIR	116	>ZNF384-S2€SFYLAQHIR	4993	4877
>ZNF384-S2€SSYLAQHI	16907	>ZNF384-S2€SFYLAQHI	200	16707
>ZNF384-S2€SSYLAQHIRI	17952	>ZNF384-S2€SFYLAQHIRI	433	17519
>ZNF384-S2€SSYLAQHIRI	398	>ZNF384-S2€SFYLAQHIRI	1287	889
>ZNF384-S2€SSYLAQHIR	38	>ZNF384-S2€SFYLAQHIR	21	17
>ZNF384-S2€SSYLAQHIR	2001	>ZNF384-S2€SFYLAQHIR	335	1666
>ZNF384-S2€SSYLAQHIR	32	>ZNF384-S2€SFYLAQHIR	309	277
>ZNF384-S2€SSYLAQHIRI	147	>ZNF384-S2€SFYLAQHIRI	5902	5755
>ZNF384-S2€SSYLAQHI	46	>ZNF384-S2€SFYLAQHI	25357	25311
>ZNF384-S2€SSYLAQHIRI	34	>ZNF384-S2€SFYLAQHIRI	23194	23160
>ZNF384-S2€SSYLAQHIRI	191	>ZNF384-S2€SFYLAQHIRI	16401	16210
>ZNF384-S2€SSYLAQHI	309	>ZNF384-S2€SFYLAQHI	2293	1984
>ZNF384-S2€SSYLAQHIR	125	>ZNF384-S2€SFYLAQHIR	1368	1243
>ZNF384-S2€SSYLAQHIR	473	>ZNF384-S2€SFYLAQHIR	32	441
>ZNF384-S2€SSYLAQHI	11	>ZNF384-S2€SFYLAQHI	1151	1140
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>ZNF384-S2€NSSYLAQHIR	139	>ZNF384-S2€NSFYLAQHIR	126	13
>ZNF384-S2€NSSYLAQHIR	5182	>ZNF384-S2€NSFYLAQHIR	318	4864
>ZNF384-S2€NSSYLAQHIR	795	>ZNF384-S2€NSFYLAQHIR	428	367
>ZNF384-S2€NSSYLAQH	3042	>ZNF384-S2€NSFYLAQH	468	2574
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>ZNF384-S2€NSSYLAQHI	212	>ZNF384-S2€NSFYLAQHI	37	175
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>ZNF384-S2€NSSYLAQHIR	3085	>ZNF384-S2€NSFYLAQHIR	493	2592
>ZNF384-S2€NSSYLAQHIR	1682	>ZNF384-S2€NSFYLAQHIR	488	1194
>ZNF384-S2€NSSYLAQHIR	2108	>ZNF384-S2€NSFYLAQHIR	303	1805
>ZNF384-S2€NSSYLAQHI	134	>ZNF384-S2€NSFYLAQHI	31	103

>ZNF384-S2E NSSYLAQHIR	344	>ZNF384-S2E NSFYLAQHIR	67	277
>ZNF384-S2E FANSSYLAQH	2827	>ZNF384-S2E FANSFYLAQH	369	2458
>ZNF384-S2E FANSSYLA	1064	>ZNF384-S2E FANSFYLA	359	705
>ZNF384-S2E FANSSYLA	96	>ZNF384-S2E FANSFYLA	30	66
>ZNF384-S2E FANSSYLAQH	367	>ZNF384-S2E FANSFYLAQH	119	248
>ZNF384-S2E FANSSYLA	124	>ZNF384-S2E FANSFYLA	99	25
>ZNF384-S2E FANSSYLAQH	198	>ZNF384-S2E FANSFYLAQH	193	5
>ZNF384-S2E FANSSYLA	238	>ZNF384-S2E FANSFYLA	79	159
>ZNF384-S2E FANSSYLAQH	253	>ZNF384-S2E FANSFYLAQH	176	77
>ZNF384-S2E FANSSYLA	167	>ZNF384-S2E FANSFYLA	67	100
>ZNF384-S2E FANSSYLAQH	434	>ZNF384-S2E FANSFYLAQH	182	252
>ZNF384-S2E FANSSYLAQH	545	>ZNF384-S2E FANSFYLAQH	191	354
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>ZNF384-S2E FANSSYLAQ	481	>ZNF384-S2E FANSFYLAQ	416	65
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>ZNF384-S2E FANSSYLA	45	>ZNF384-S2E FANSFYLA	23	22
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>ZNF384-S2E TFANSSYL	184	>ZNF384-S2E TFANSFYL	73	111
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>ZNF384-S2E TFANSSYL	1377	>ZNF384-S2E TFANSFYL	370	1007
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>ZNF384-S2E KTFANSSYL	60	>ZNF384-S2E KTFANSFYL	38	22
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>ZNF384-S2E KTFANSSYL	1132	>ZNF384-S2E KTFANSFYL	137	995
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>ZNF384-S2E KTFANSSYL	136	>ZNF384-S2E KTFANSFYL	13	123
>ZNF384-S2E KTFANSSYLA	1107	>ZNF384-S2E KTFANSFYLA	345	762
>ZNF384-S2E KTFANSSYL	16	>ZNF384-S2E KTFANSFYL	7	9
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>ZNF384-S2E KTFANSSYLA	194	>ZNF384-S2E KTFANSFYLA	80	114
>ZNF384-S2E KTFANSSYL	18	>ZNF384-S2E KTFANSFYL	6	12
>ZNF384-S2E KTFANSSYLA	265	>ZNF384-S2E KTFANSFYLA	144	121
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>ZNF384-S2E KTFANSSYL	1302	>ZNF384-S2E KTFANSFYL	481	821
>ZNF384-S2E KTFANSSY	66	>ZNF384-S2E KTFANSFY	41	25
>ZNF384-S2E KTFANSSY	39	>ZNF384-S2E KTFANSFY	16	23
>ZNF384-S2E KTFANSSYL	1838	>ZNF384-S2E KTFANSFYL	152	1686

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>ZNF384-S2E KTFANSSY	1437	>ZNF384-S2E KTFANSFY	462	975
>ZNF384-S2E KTFANSSY	265	>ZNF384-S2E KTFANSFY	380	115
>ZNF384-S2E KTFANSSY	60	>ZNF384-S2E KTFANSFY	19	41
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>ZNF384-S2E KTFANSSYLA	26	>ZNF384-S2E KTFANSFYLA	23	3
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>ZNF384-S2E KTFANSSYL	185	>ZNF384-S2E KTFANSFYL	33	152
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>ZNF384-S2E KTFANSSY	18	>ZNF384-S2E KTFANSFY	97	79
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>ZNF384-S2E KTFANSSYLA	102	>ZNF384-S2E KTFANSFYLA	67	35
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>ZNF384-S2E KTFANSSY	426	>ZNF384-S2E KTFANSFY	70	356
>ZNF384-S2E KTFANSSYL	54	>ZNF384-S2E KTFANSFYL	18	36
>ZNF384-S2E KTFANSSYLA	151	>ZNF384-S2E KTFANSFYLA	56	95
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>ZNF521-E72 FVFFRCTLQI	21754	>ZNF521-E72 FVFFRCTLQI	39	21715
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>ZNF521-V12KTYQCIKCQM	134	>ZNF521-V12KTYQCIKCQM	1345	1211
>ZNF521-V12KTYQCIKCQM	227	>ZNF521-V12KTYQCIKCQM	2374	2147
>ZNF521-V12KTYQCIKCQM	32	>ZNF521-V12KTYQCIKCQM	1550	1518
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>ZNF521-V12KTYQCIKCQM	116	>ZNF521-V12KTYQCIKCQM	10844	10728
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>ZNF521-V12KTYQCIKCQM	247	>ZNF521-V12KTYQCIKCQM	1429	1182
>ZNF521-V12QMVFYNEWI	532	>ZNF521-V12QMAFYNEWI	230	302
>ZNF521-V12QMVFYNEWI	180	>ZNF521-V12QMAFYNEWI	141	39



>ZNF521-V12QMVFYNEWI	190	>ZNF521-V12QMAFYNEWI	194	4
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>ZNF521-V12QMVFYNEWI	375	>ZNF521-V12QMAFYNEWI	161	214
>ZNF521-V12QMVFYNEWI	532	>ZNF521-V12QMAFYNEWI	410	122
>ZNF521-V12QMVFYNEW	156	>ZNF521-V12QMAFYNEW	93	63
>ZNF521-V12CQMVFYNEV	1221	>ZNF521-V12CQMAFYNEV	308	913
>ZNF521-V12CQMVFYNEV	1430	>ZNF521-V12CQMAFYNEV	455	975
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>ZNF521-V12CQMVFYNEV	408	>ZNF521-V12CQMAFYNEV	392	16
>ZNF521-V12KCQMVFYNE	153	>ZNF521-V12KCQMAFYNE	265	112
>ZNF521-V12KCQMVFYNE	333	>ZNF521-V12KCQMAFYNE	500	167
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>ZNF521-V12CIKCQMVFY	1660	>ZNF521-V12CIKCQMAFY	356	1304
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>ZNF521-V12QCIKCQMV	31	>ZNF521-V12QCIKCQMAF	16	15
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>ZNF521-V12QCIKCQMV	189	>ZNF521-V12QCIKCQMAF	63	126
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>ZNF521-V12QCIKCQMV	107	>ZNF521-V12QCIKCQMAF	54	53
>ZNF521-V12QCIKCQMV	309	>ZNF521-V12QCIKCQMAF	1003	694
>ZNF521-V12YQCIKCQMV	234	>ZNF521-V12YQCIKCQMA	2263	2029
>ZNF521-V12YQCIKCQMV	66	>ZNF521-V12YQCIKCQMA	637	571
>ZNF521-V12YQCIKCQMV	107	>ZNF521-V12YQCIKCQMA	4531	4424
>ZNF521-V12YQCIKCQMV	379	>ZNF521-V12YQCIKCQMA	18149	17770
>ZNF521-V12YQCIKCQMVI	1011	>ZNF521-V12YQCIKCQMAI	481	530
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>ZNF521-V12YQCIKCQMVI	164	>ZNF521-V12YQCIKCQMAI	159	5
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>ZNF521-V12YQCIKCQMVI	75	>ZNF521-V12YQCIKCQMAI	66	9
>ZNF521-V12YQCIKCQMVI	8	>ZNF521-V12YQCIKCQMAI	6	2
>ZNF521-V12YQCIKCQMVI	43	>ZNF521-V12YQCIKCQMAI	78	35
>ZNF521-V12YQCIKCQMVI	490	>ZNF521-V12YQCIKCQMAI	1058	568
>ZNF521-V12TYQCIKCQM	69	>ZNF521-V12TYQCIKCQM	2491	2422
>ZNF521-V12TYQCIKCQM	18	>ZNF521-V12TYQCIKCQM	19	1
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>ZNF521-V12QVHVANHMI	9712	>ZNF521-V12QLHVANHMI	263	9449
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>ZNF521-V12QVHVANHMI	55	>ZNF521-V12QLHVANHMI	1821	1766
>ZNF521-V12QVHVANHMI	213	>ZNF521-V12QLHVANHMI	1011	798
>ZNF521-V12MVFYNEWDI	862	>ZNF521-V12MVFYNEWDI	302	560
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>ZNF521-V12MVFYNEWDI	5266	>ZNF521-V12MVFYNEWDI	288	4978
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>ZNF521-V12IQVHVANHM	82	>ZNF521-V12IQLHVANHM	75	7
>ZNF521-V12IQVHVANHM	2362	>ZNF521-V12IQLHVANHM	392	1970
>ZNF521-V12IQVHVANHM	79	>ZNF521-V12IQLHVANHM	151	72
>ZNF521-V12IQVHVANH	193	>ZNF521-V12IQLHVANH	129	64
>ZNF521-V12IQVHVANHM	17	>ZNF521-V12IQLHVANHM	12	5
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>ZNF521-V12DIQVHVANH	159	>ZNF521-V12DIQLHVANH	143	16
>ZNF521-V12DIQVHVANH	332	>ZNF521-V12DIQLHVANH	483	151

>ZNF521-V12WDIQVHVA	441	>ZNF521-V12WDIQLHVA	221	220
>ZNF521-V12NEWDIQVHV	71	>ZNF521-V12NEWDIQLHV	53	18
>ZNF521-V12NEWDIQVH	393	>ZNF521-V12NEWDIQLHV	3037	2644
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>ZNF521-V12NEWDIQVHV	159	>ZNF521-V12NEWDIQLHV	133	26
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>ZNF521-V12NEWDIQVHV	394	>ZNF521-V12NEWDIQLHV	656	262
>ZNF521-V12NEWDIQVHV	254	>ZNF521-V12NEWDIQLHV	326	72
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>ZNF521-V12FYNEWDIQVI	20	>ZNF521-V12FYNEWDIQLF	25	5
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>ZNF521-V12FYNEWDIQVI	169	>ZNF521-V12FYNEWDIQLF	307	138
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>ZNF521-V12FYNEWDIQVI	261	>ZNF521-V12FYNEWDIQLF	326	65
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>ZNF521-V12VFYNEWDIQ'	116	>ZNF521-V12VFYNEWDIQI	1722	1606
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